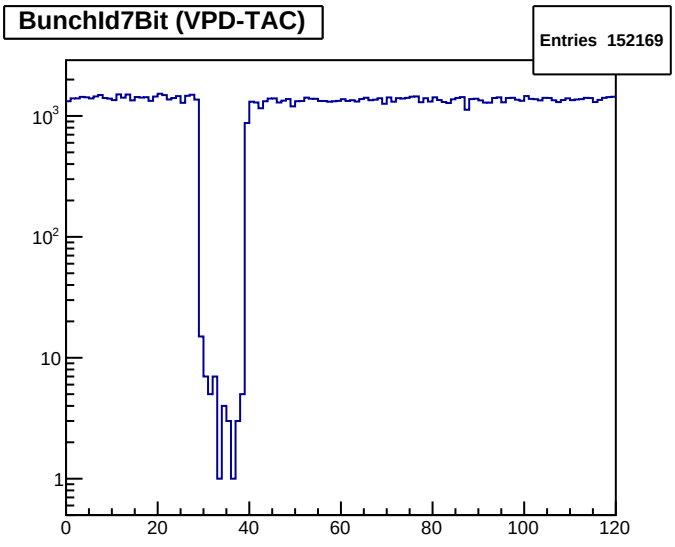
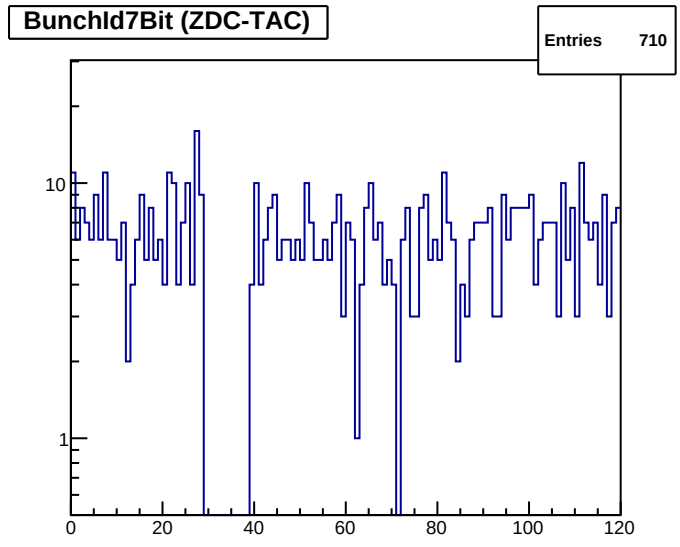
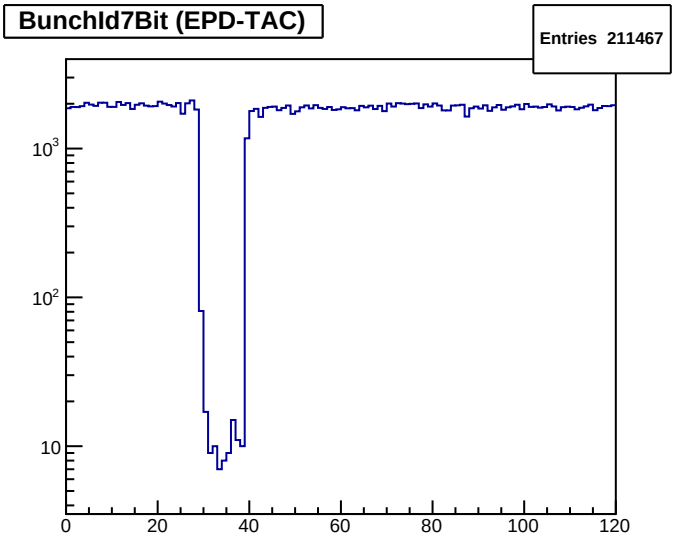
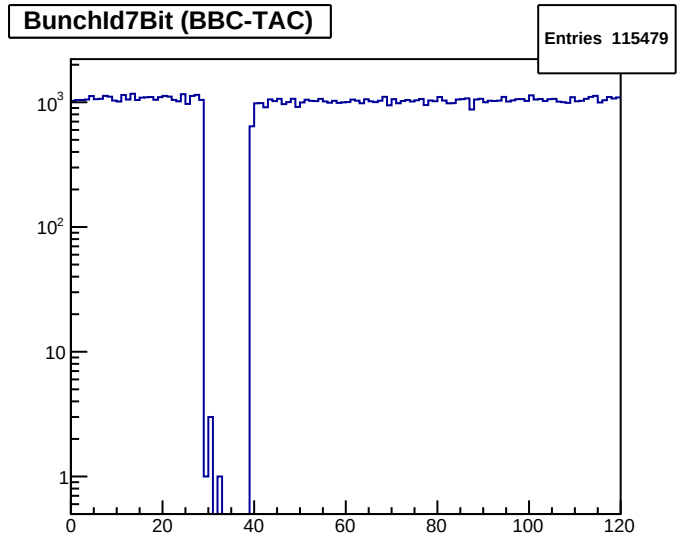
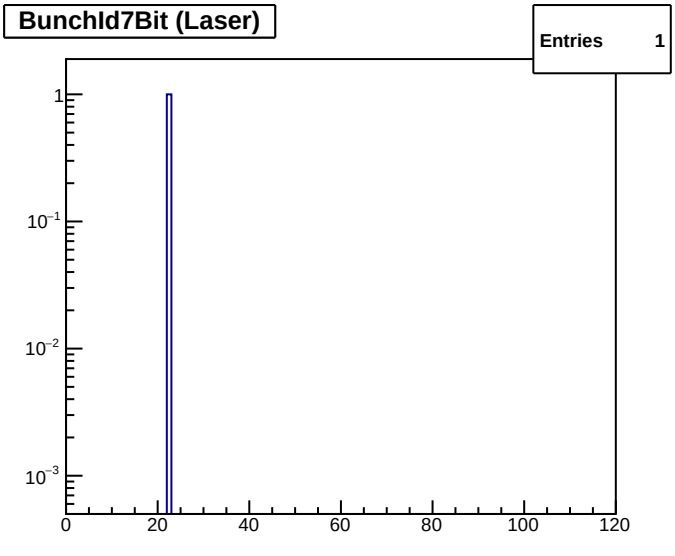
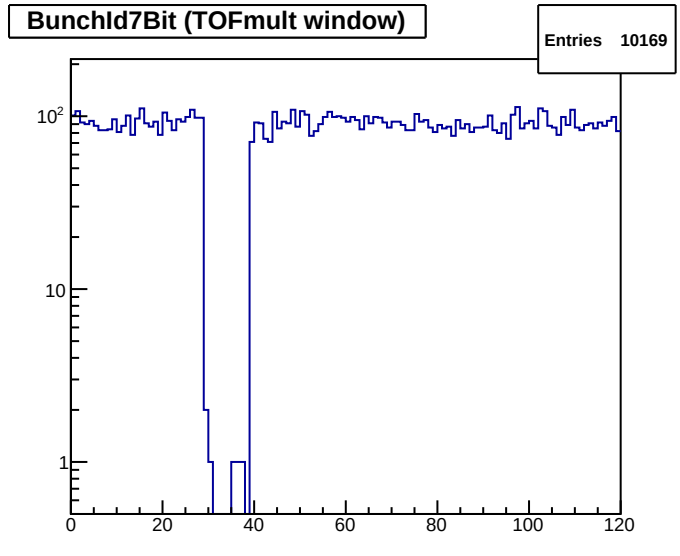

BunchId7Bit (VPD-TAC)
Entries 152169

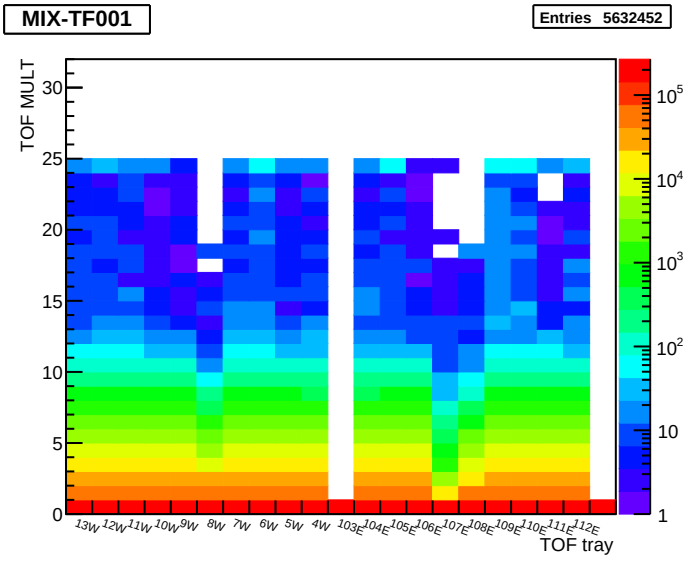

BunchId7Bit (ZDC-TAC)
Entries 710

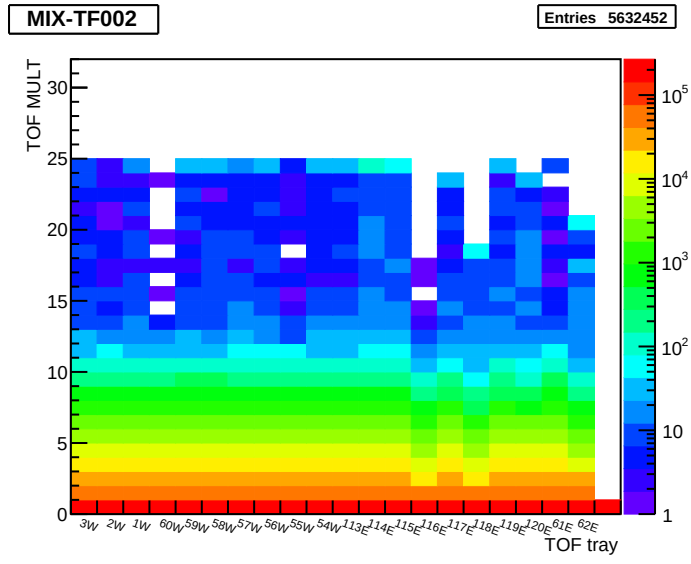

BunchId7Bit (EPD-TAC)
Entries 211467

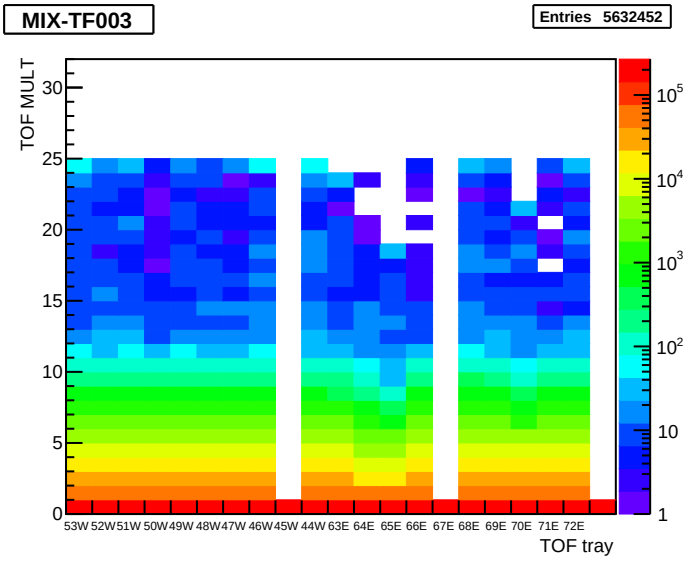

BunchId7Bit (BBC-TAC)
Entries 115479

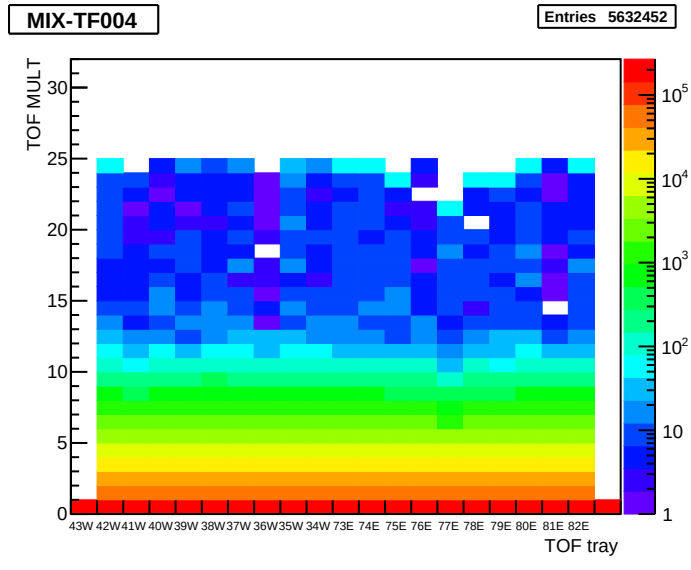

BunchId7Bit (Laser)
Entries 1

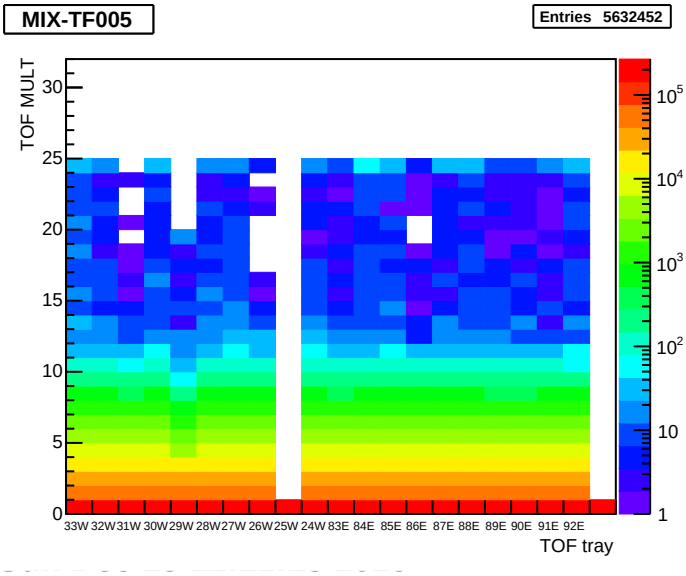

BunchId7Bit (TOFmult window)
Entries 10169

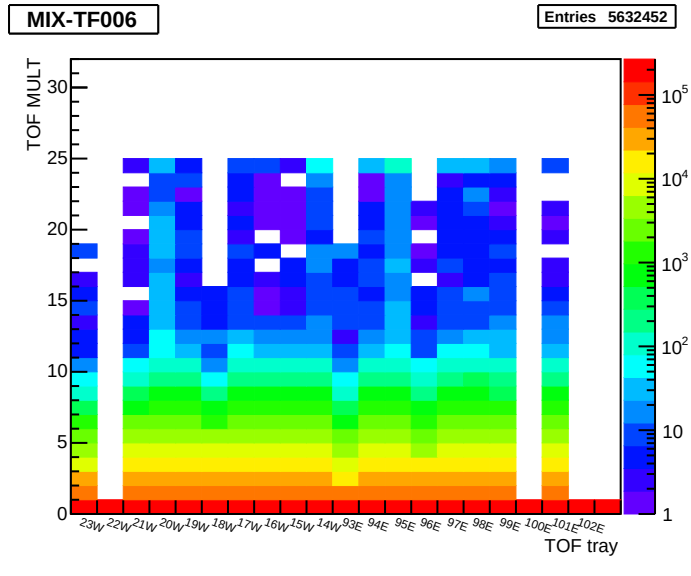

MIX-TF001
Entries 5632452
TOF MULT
TOF tray

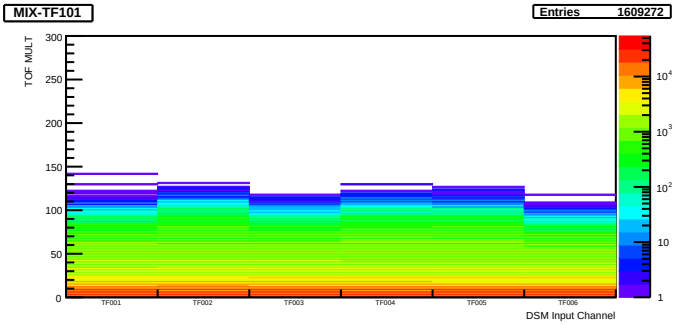

MIX-TF002
Entries 5632452
TOF MULT
TOF tray

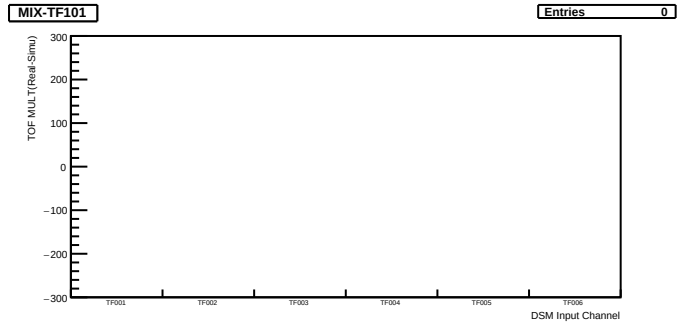

MIX-TF003
Entries 5632452
TOF MULT
TOF tray

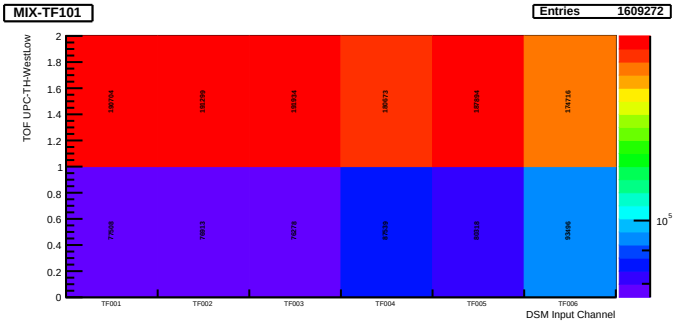

MIX-TF004
Entries 5632452
TOF MULT
TOF tray

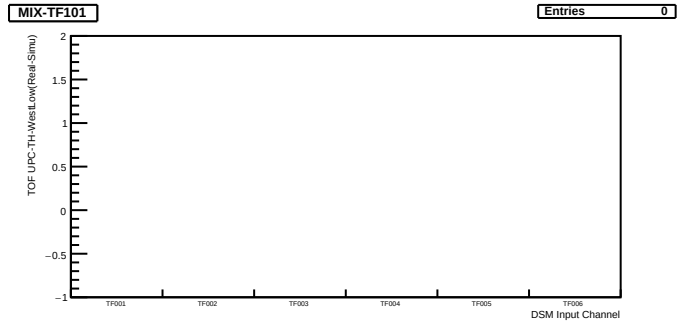

MIX-TF005
Entries 5632452
TOF MULT
TOF tray

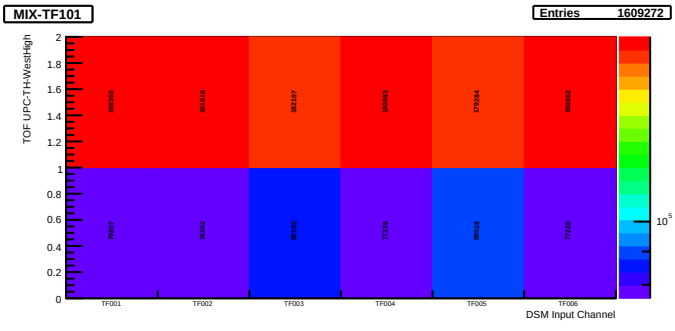

MIX-TF006
Entries 5632452
TOF MULT
TOF tray

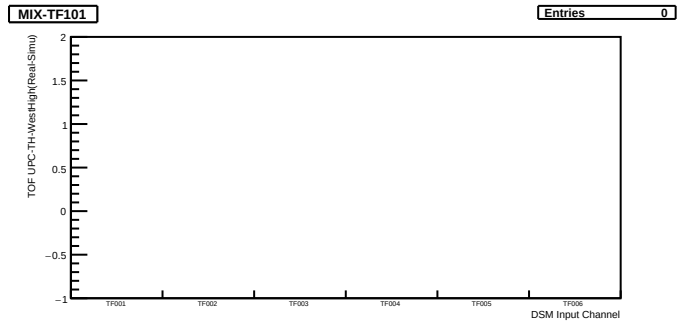

MIX-TF101
Entries 1609272
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

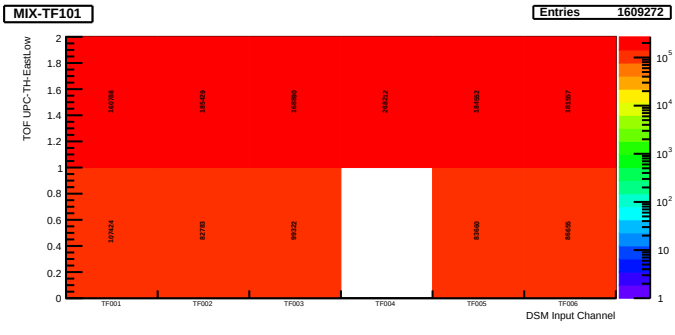

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

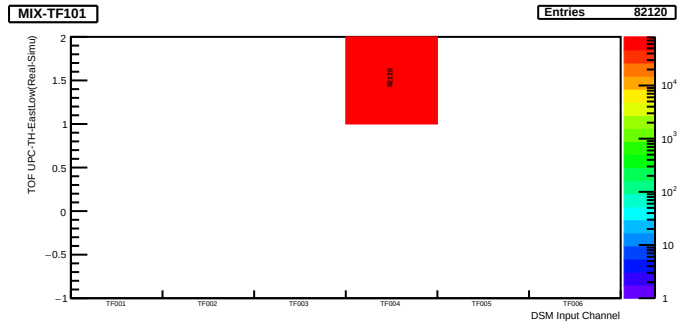

MIX-TF101
Entries 1609272
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

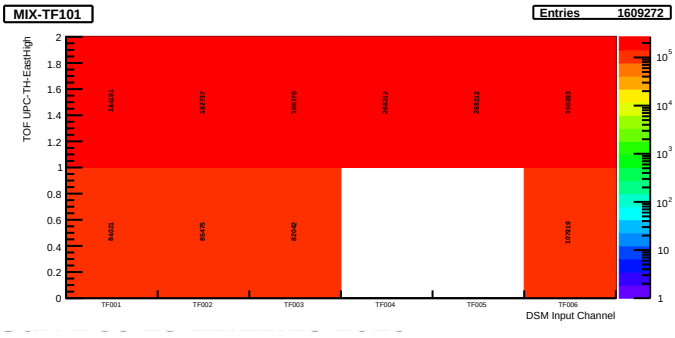

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

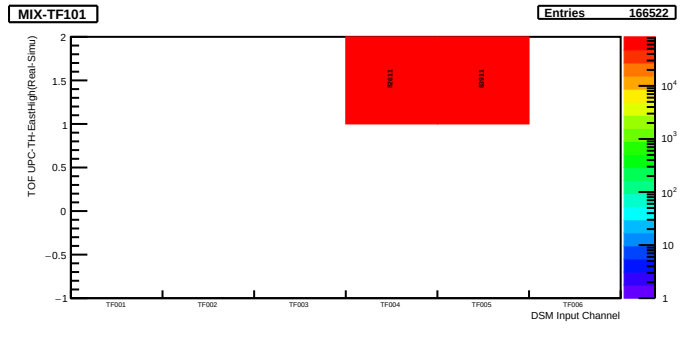

MIX-TF101
Entries 1609272
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

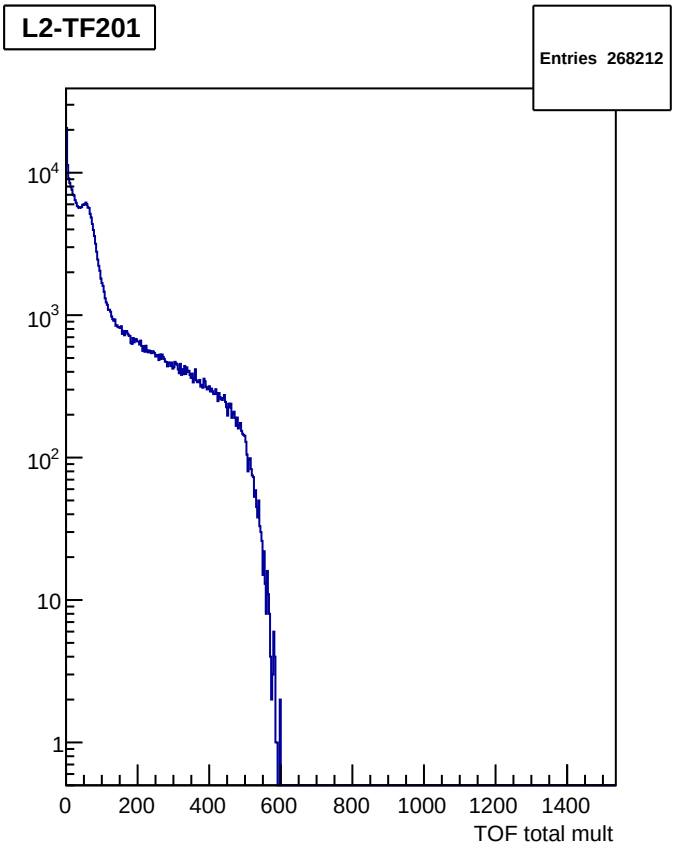

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

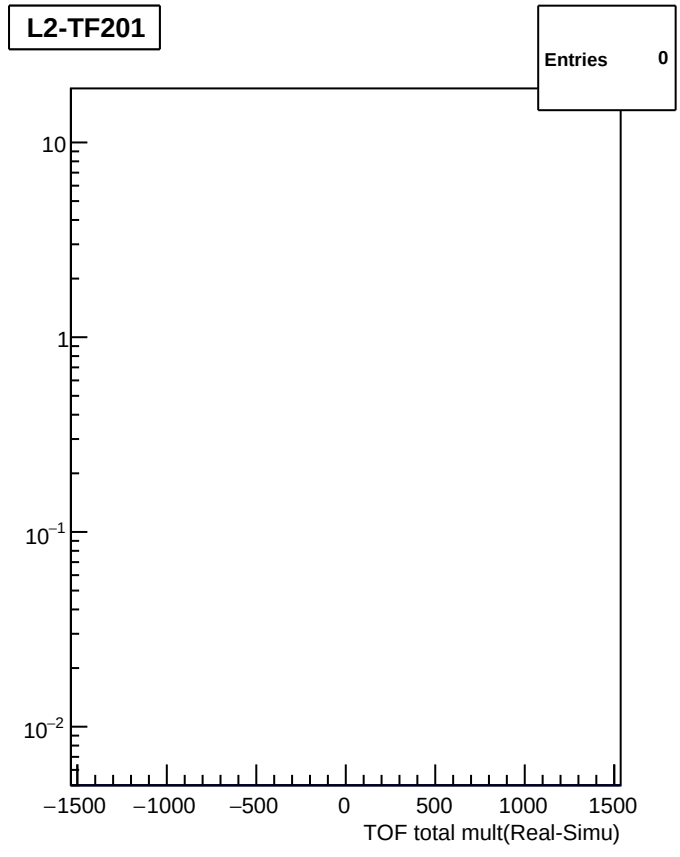

MIX-TF101
Entries 1609272
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

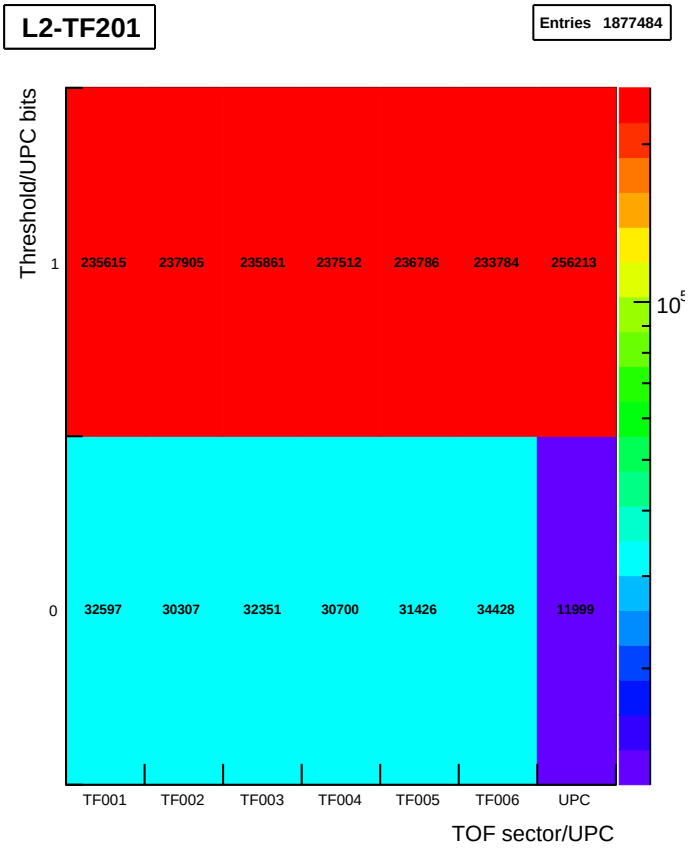

MIX-TF101
Entries 82120
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

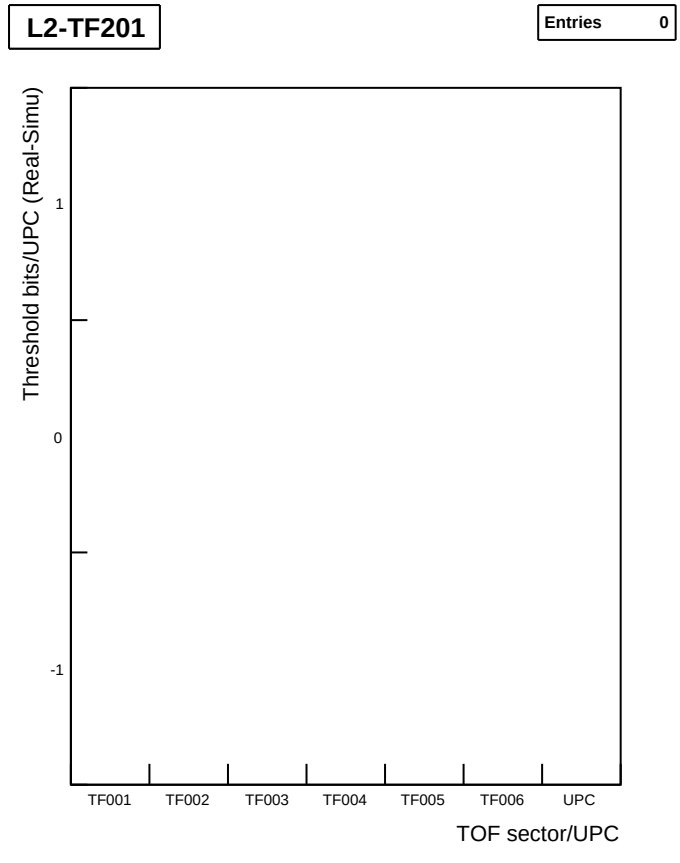

MIX-TF101
Entries 1609272
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

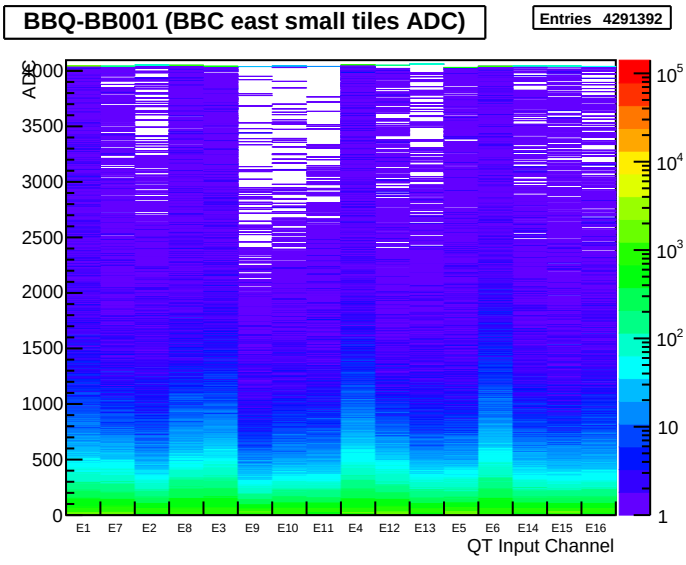

MIX-TF101
Entries 166522
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

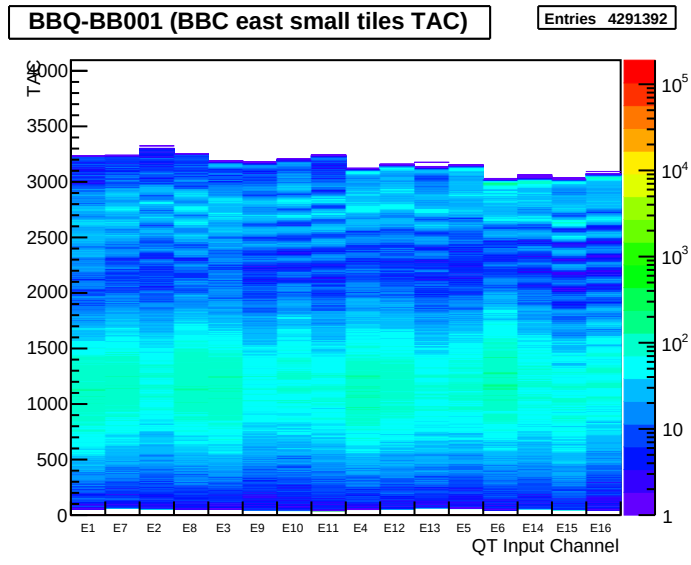

L2-TF201
Entries 268212
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

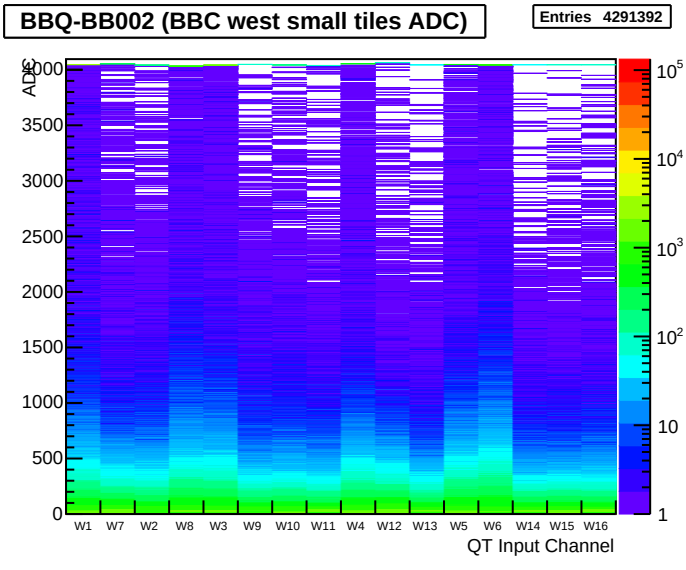

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

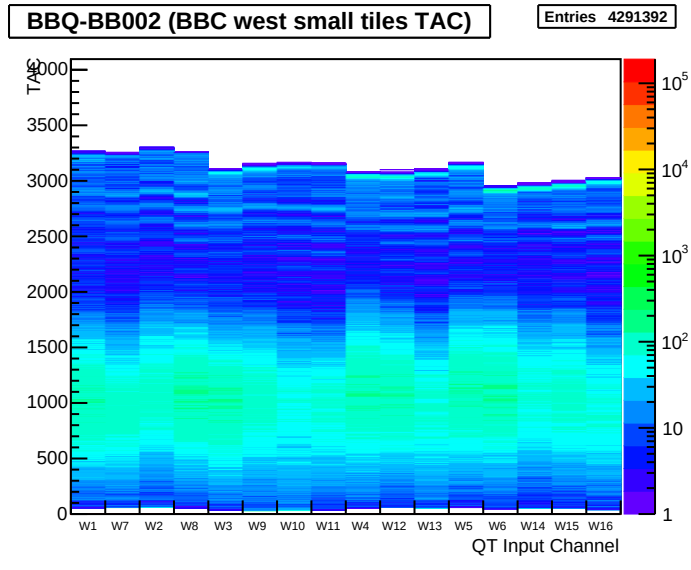

L2-TF201
Entries 1877484
Threshold/UPC bits
1
0
235615
237905
235861
237512
236786
233784
256213
32597
30307
32351
30700
31426
34428
11999
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

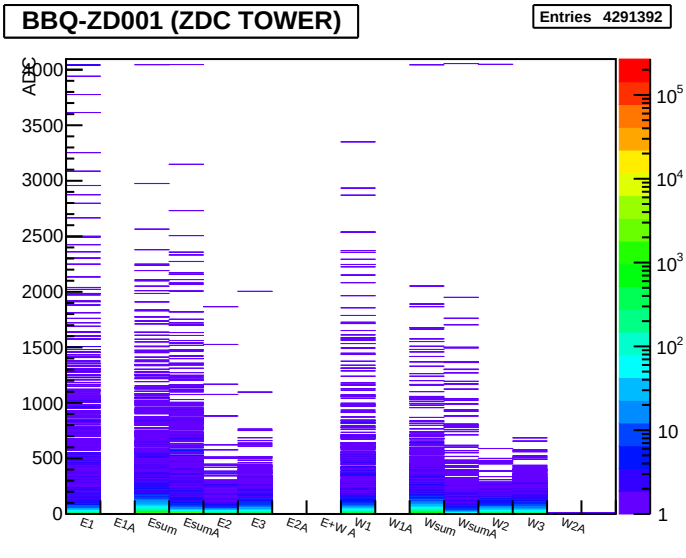

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

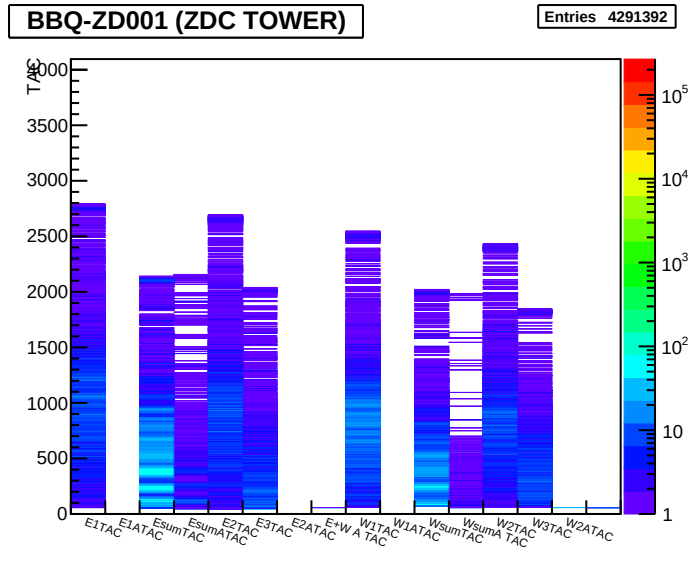

BBQ-BB001 (BBC east small tiles ADC)
Entries 4291392
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

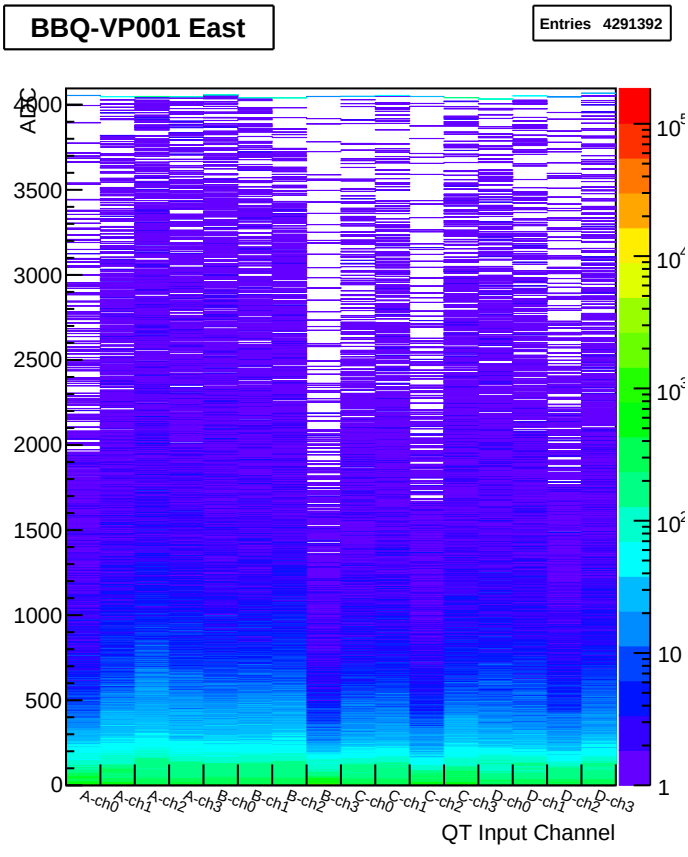

BBQ-BB001 (BBC east small tiles TAC)
Entries 4291392
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

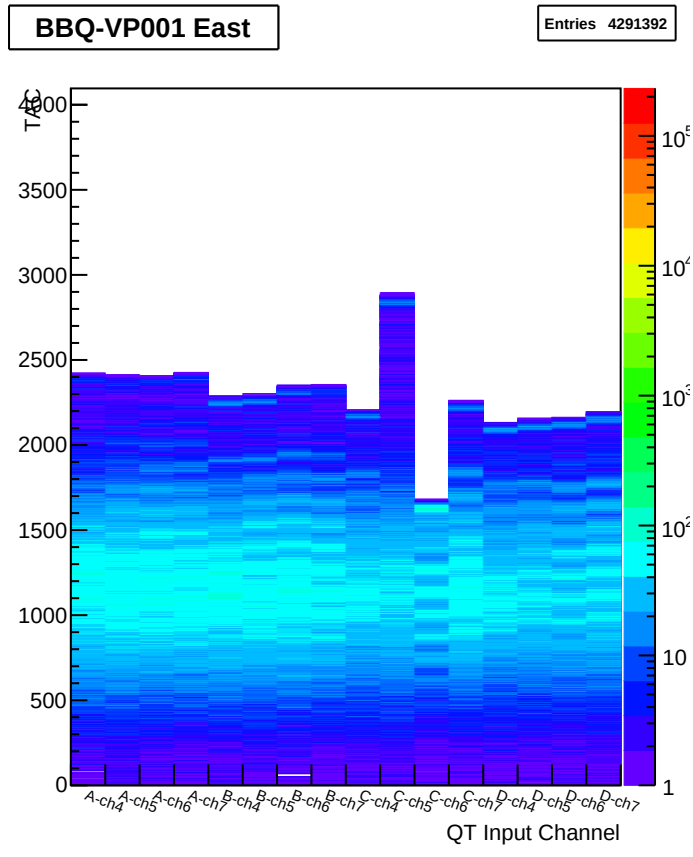

BBQ-BB002 (BBC west small tiles ADC)
Entries 4291392
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

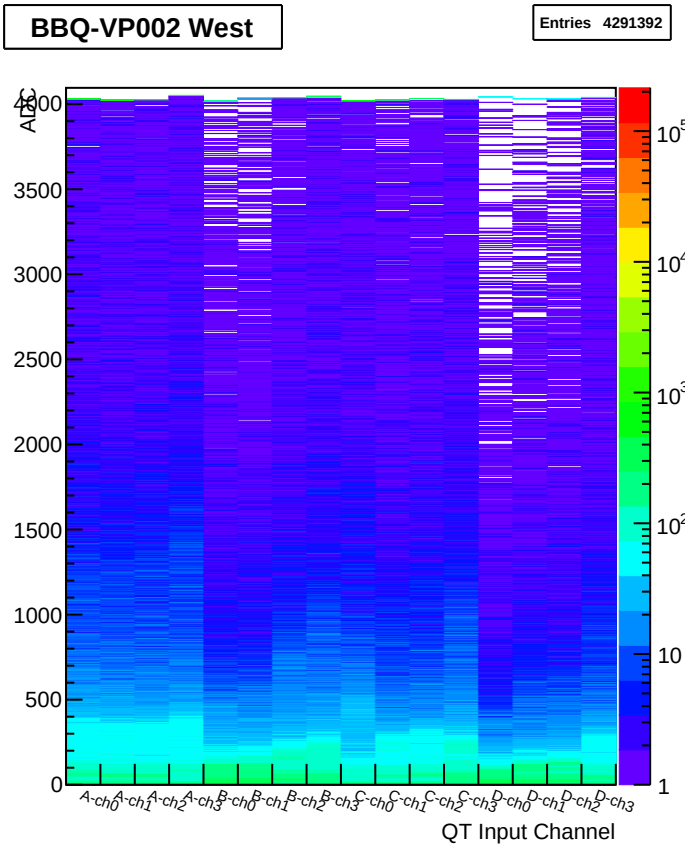

BBQ-BB002 (BBC west small tiles TAC)
Entries 4291392
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

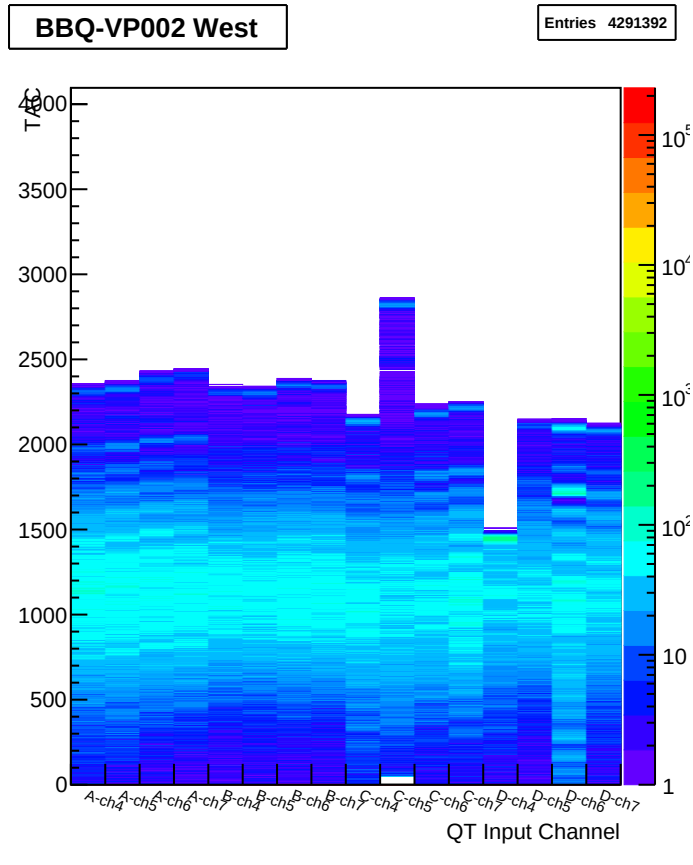

BBQ-ZD001 (ZDC TOWER)
Entries 4291392
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

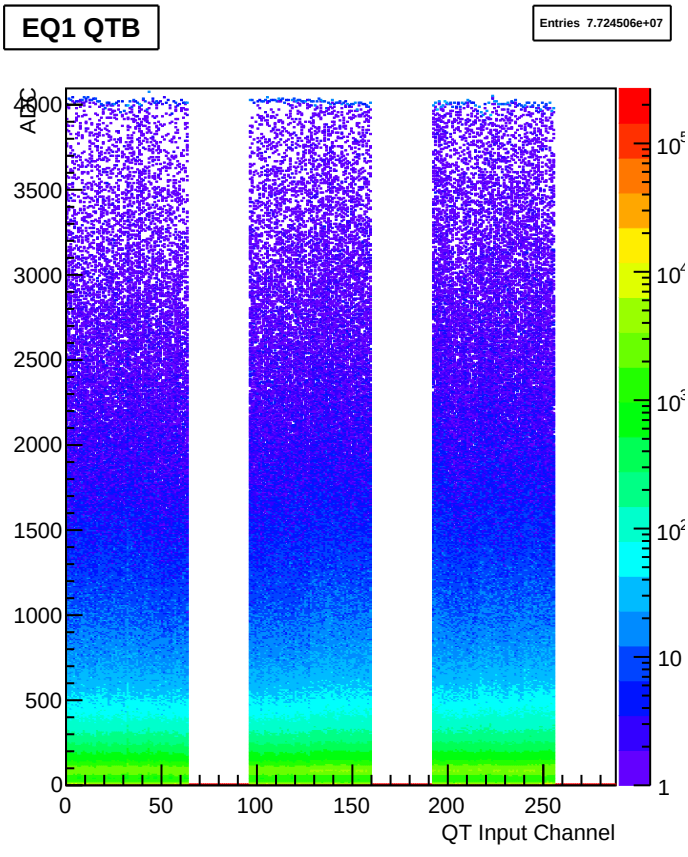

BBQ-ZD001 (ZDC TOWER)
Entries 4291392
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

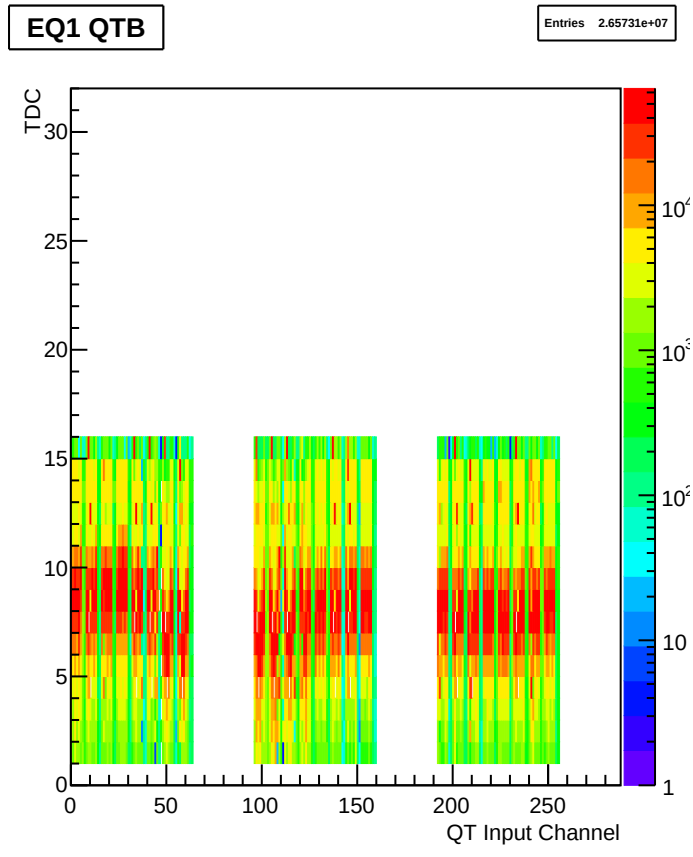

BBQ-VP001 East
Entries 4291392
ADC
QT Input Channel

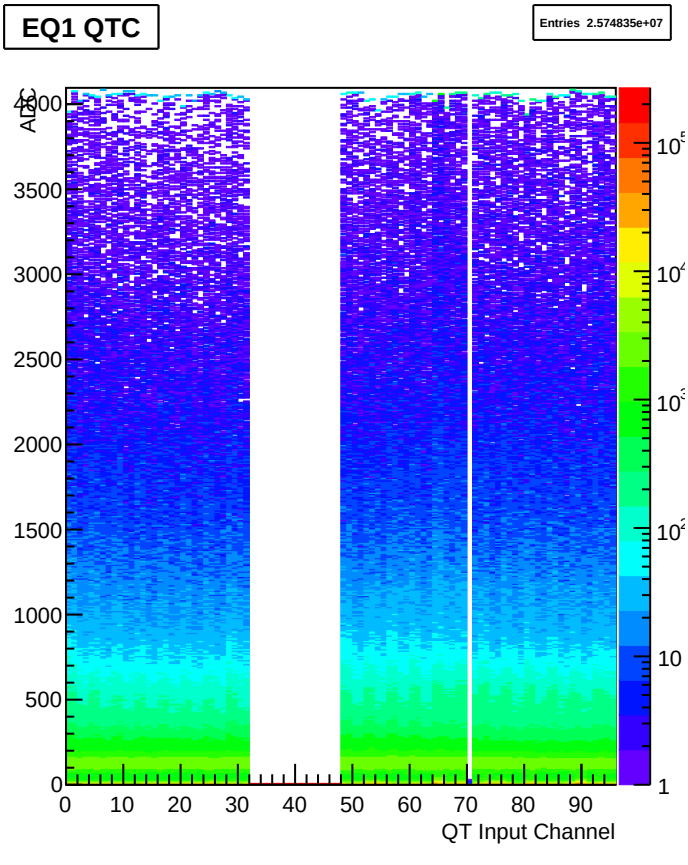

BBQ-VP001 East
Entries 4291392
TADC
QT Input Channel

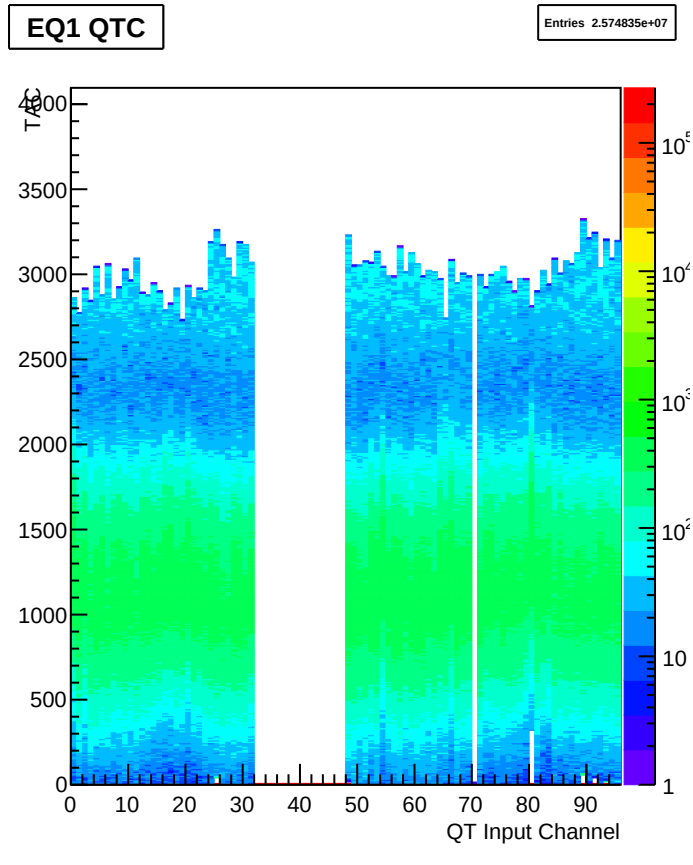

BBQ-VP002 West
Entries 4291392
ADC
QT Input Channel

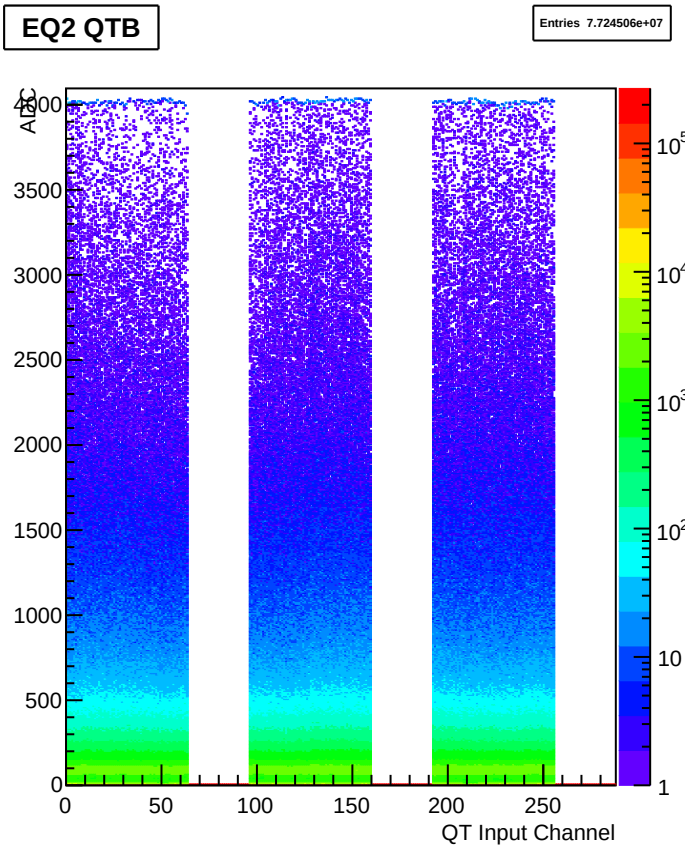

BBQ-VP002 West
Entries 4291392
TADC
QT Input Channel

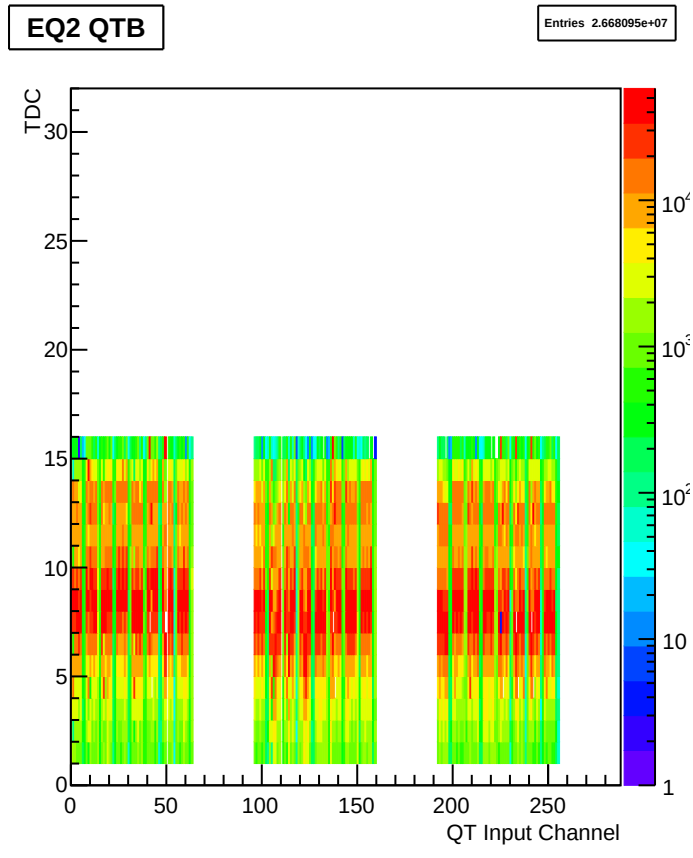

EQ1 QTB
Entries 7.724506e+07
ADC
QT Input Channel

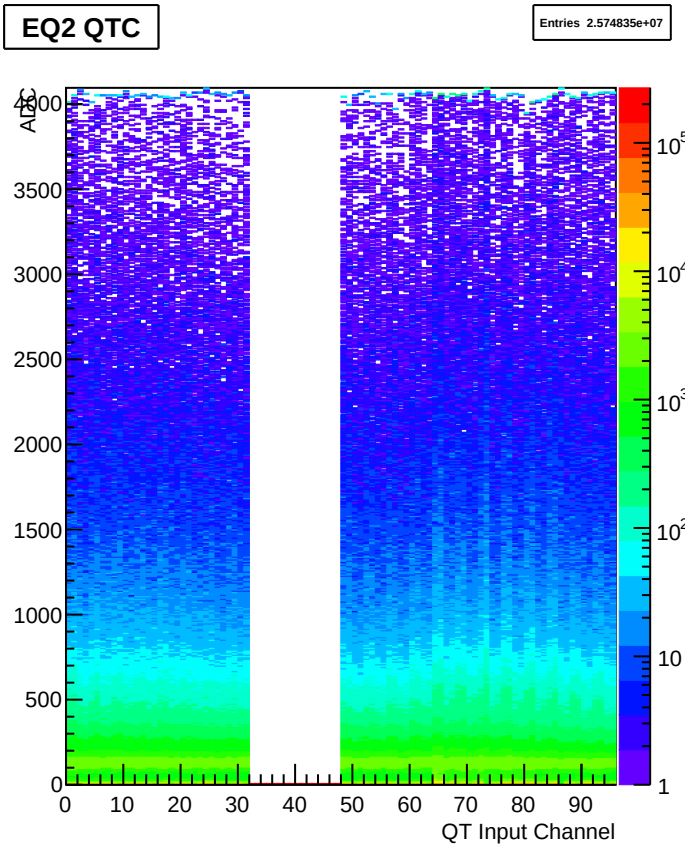

EQ1 QTB
Entries 2.65731e+07
TDC
QT Input Channel

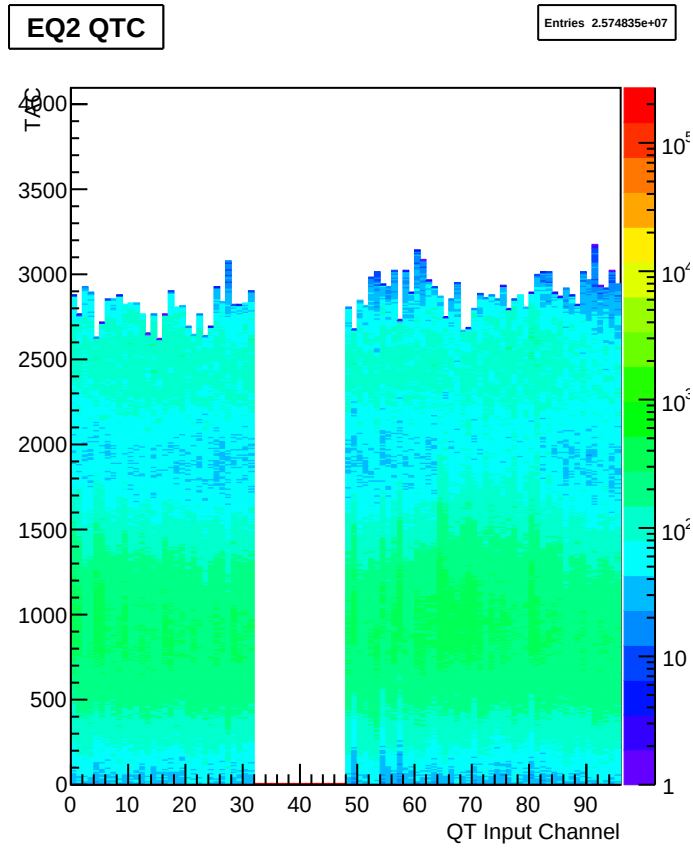

EQ1 QTC
Entries 2.574835e+07
ADC
QT Input Channel

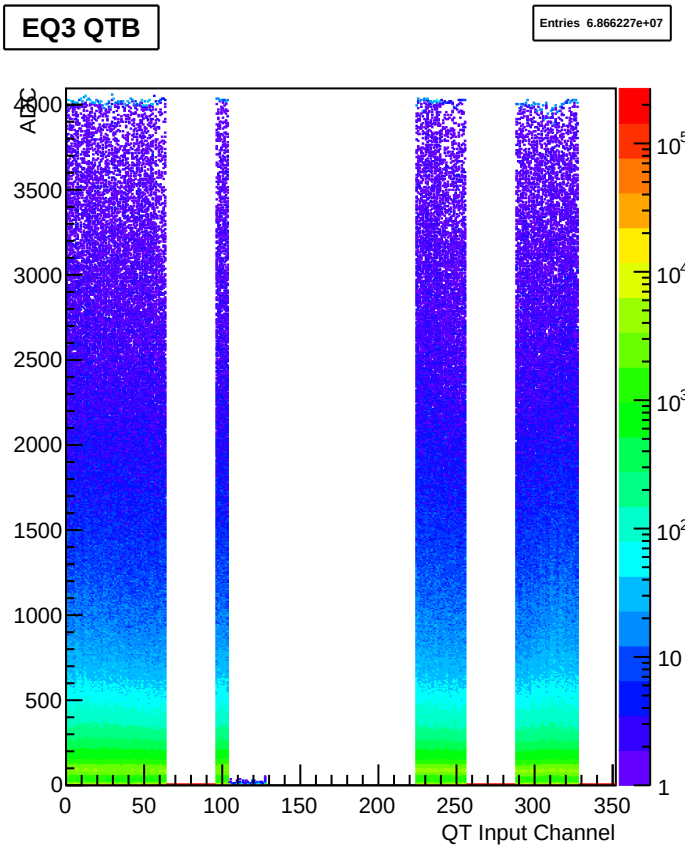

EQ1 QTC
Entries 2.574835e+07
TADC
QT Input Channel

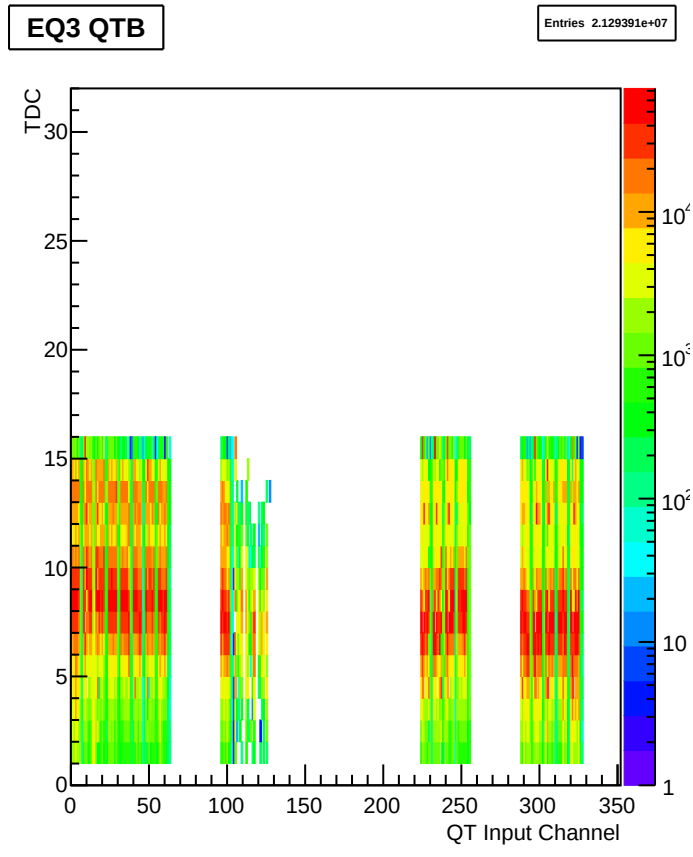

EQ2 QTB
Entries 7.724506e+07
ADC
QT Input Channel

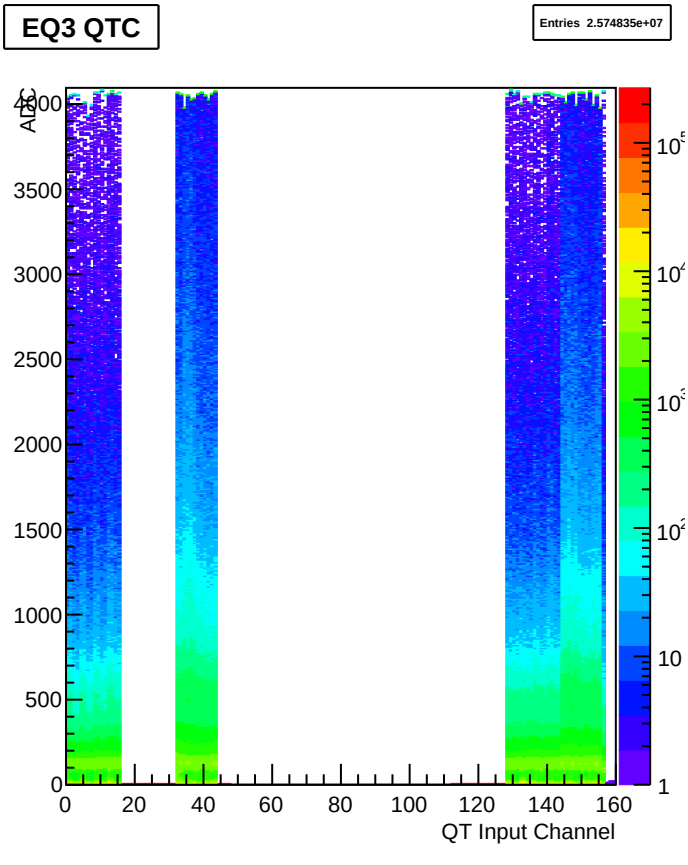

EQ2 QTB
Entries 2.668095e+07
TDC
QT Input Channel

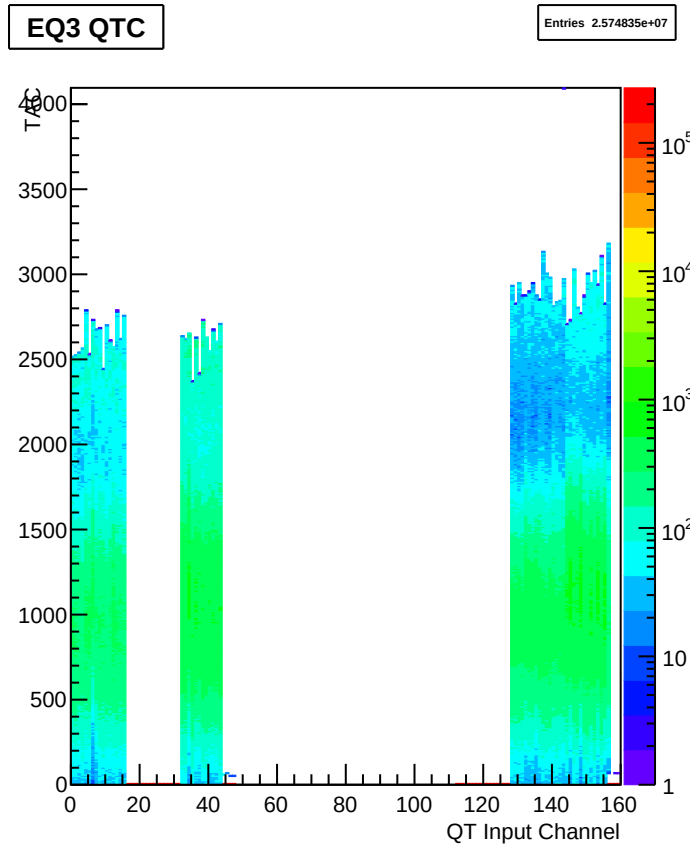

EQ2 QTC
Entries 2.574835e+07
ADC
QT Input Channel

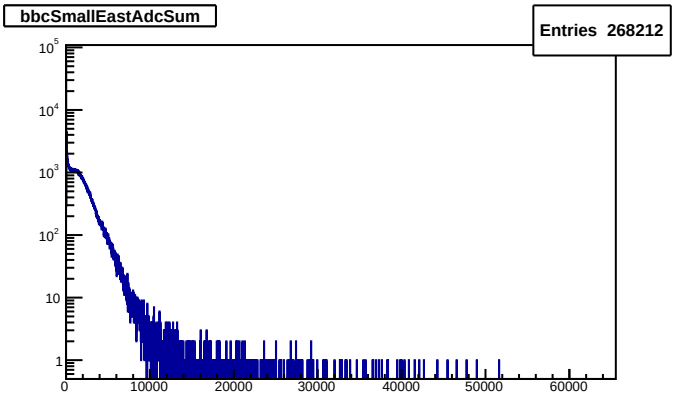

EQ2 QTC
Entries 2.574835e+07
TADC
QT Input Channel

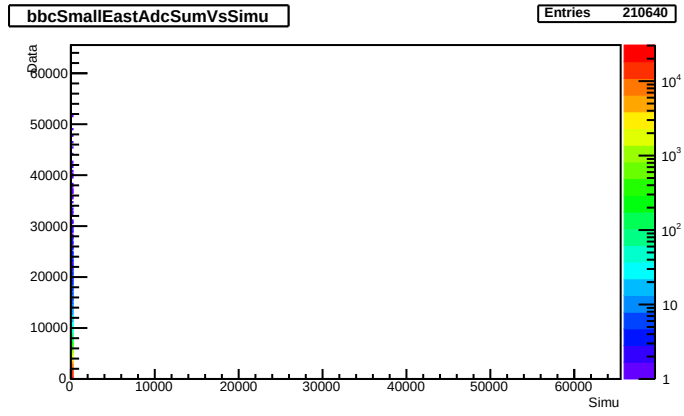

EQ3 QTB
Entries 6.866227e+07
ADC
QT Input Channel

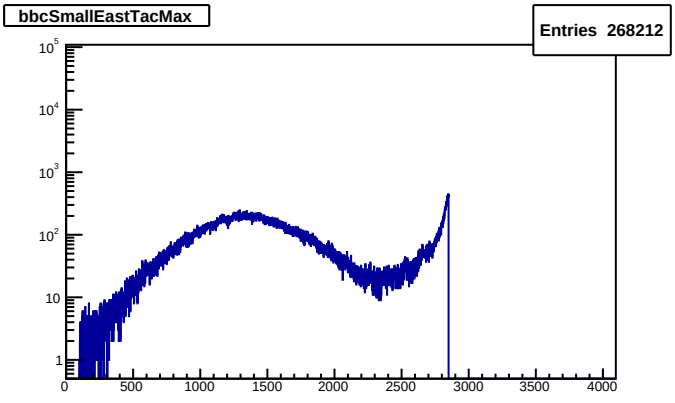

EQ3 QTB
Entries 2.129391e+07
TDC
QT Input Channel

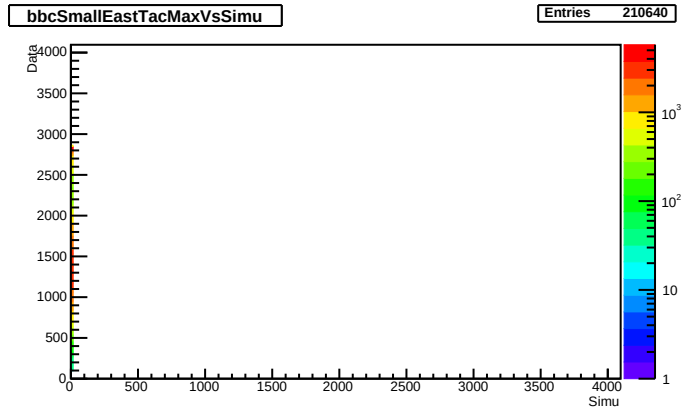

EQ3 QTC
Entries 2.574835e+07
ADC
QT Input Channel

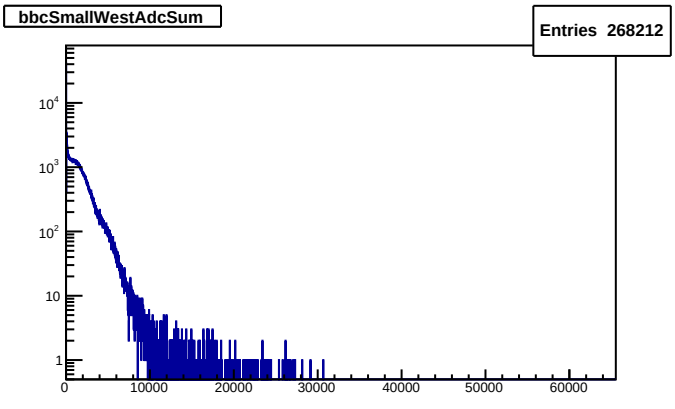

EQ3 QTC
Entries 2.574835e+07
TADC
QT Input Channel

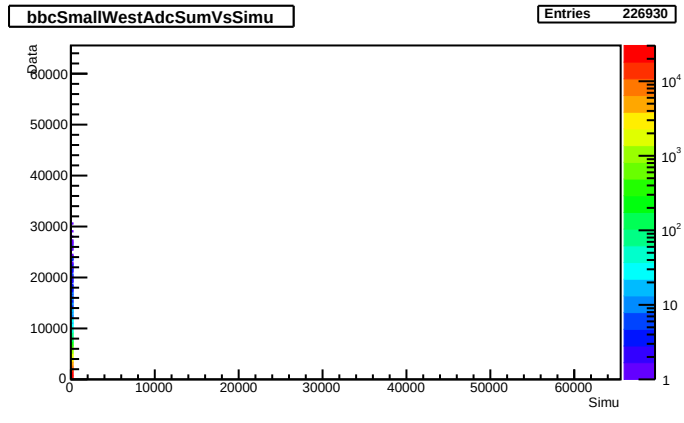

bbcSmallEastAdcSum
Entries 268212

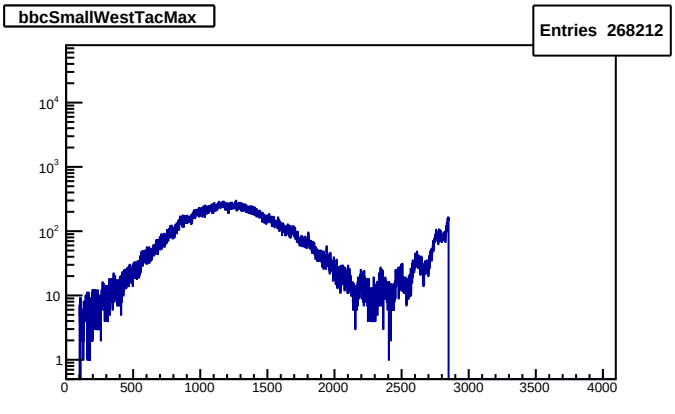

bbcSmallEastAdcSumVsSimu
Entries 210640
Data
Simu

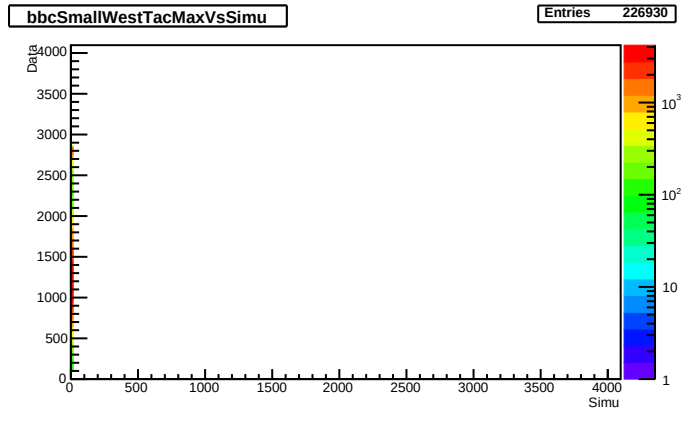

bbcSmallEastTacMax
Entries 268212

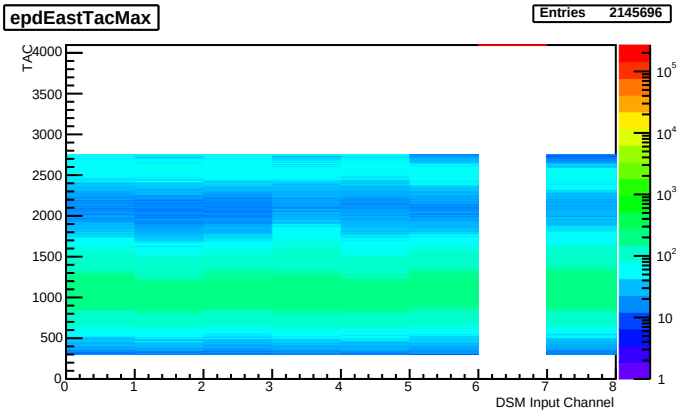

bbcSmallEastTacMaxVsSimu
Entries 210640
Data
Simu

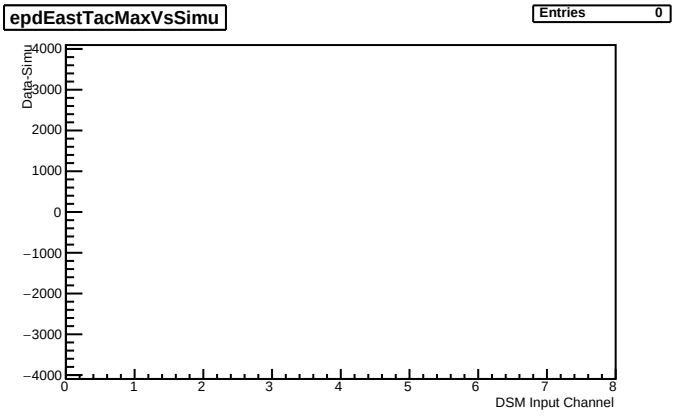

bbcSmallWestAdcSum
Entries 268212

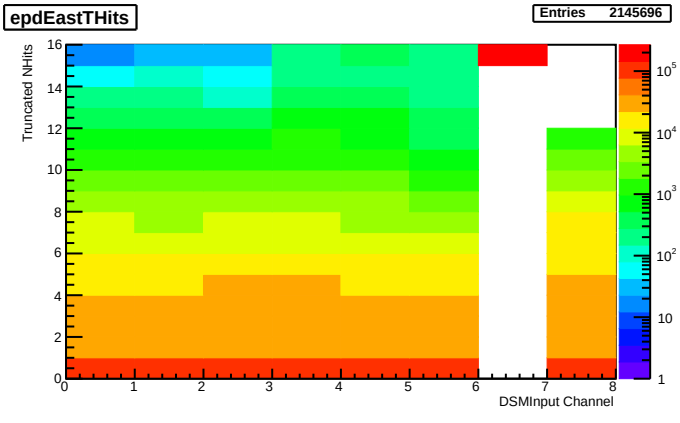

bbcSmallWestAdcSumVsSimu
Entries 226930
Data
Simu

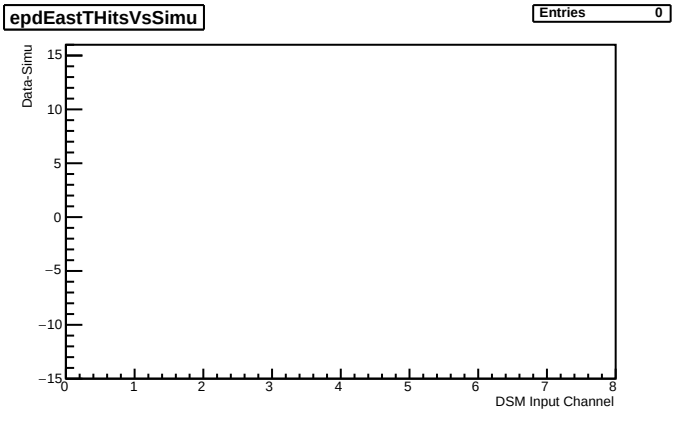

bbcSmallWestTacMax
Entries 268212

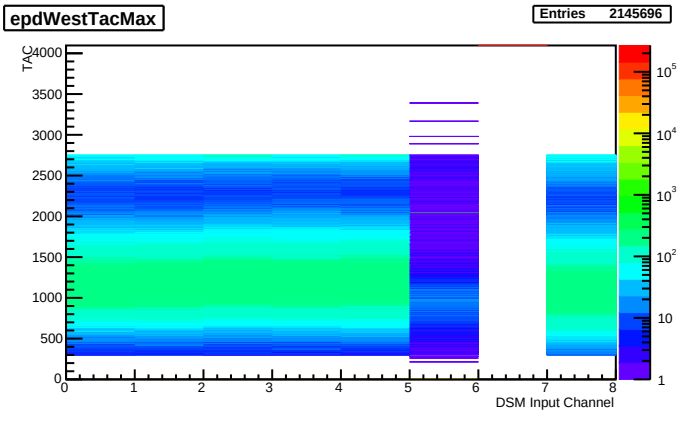

bbcSmallWestTacMaxVsSimu
Entries 226930
Data
Simu

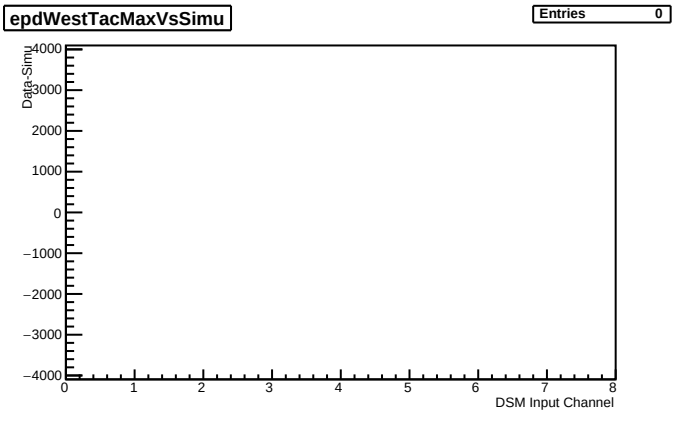

epdEastTacMax
Entries 2145696
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2145696
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2145696
TAC
DSM Input Channel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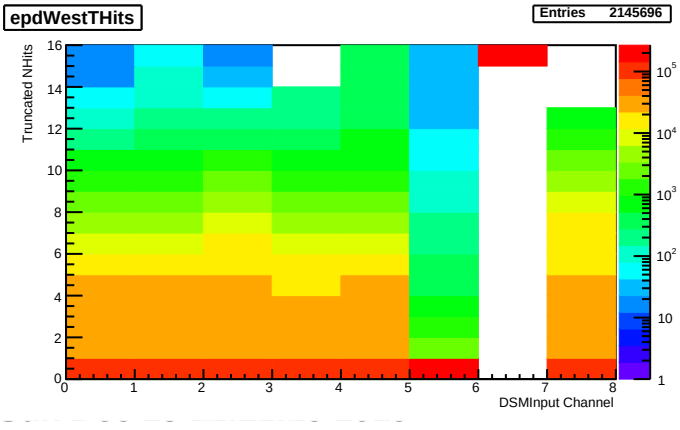
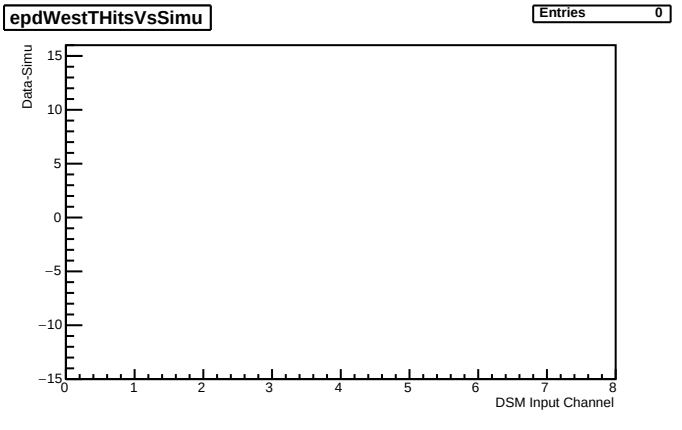
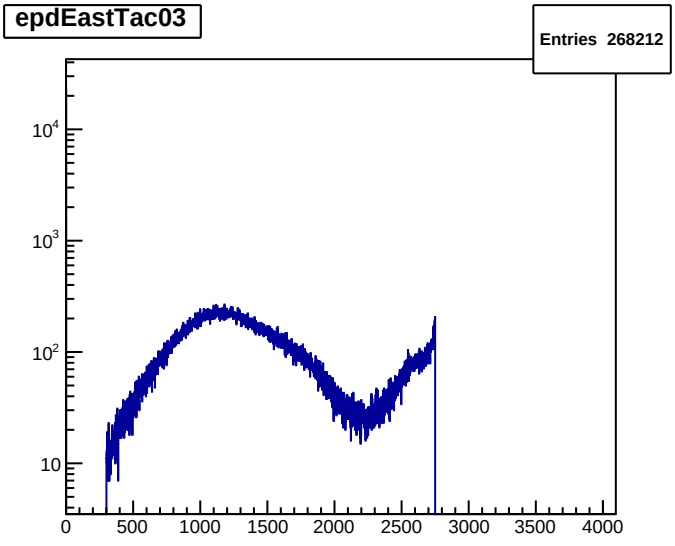
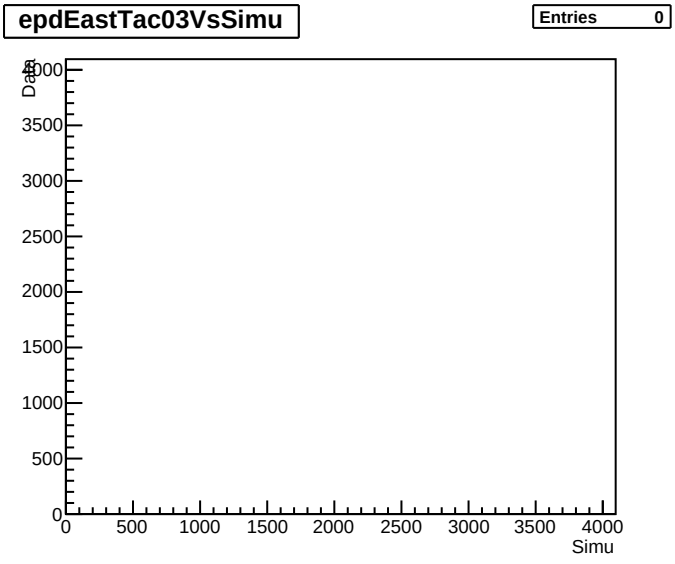
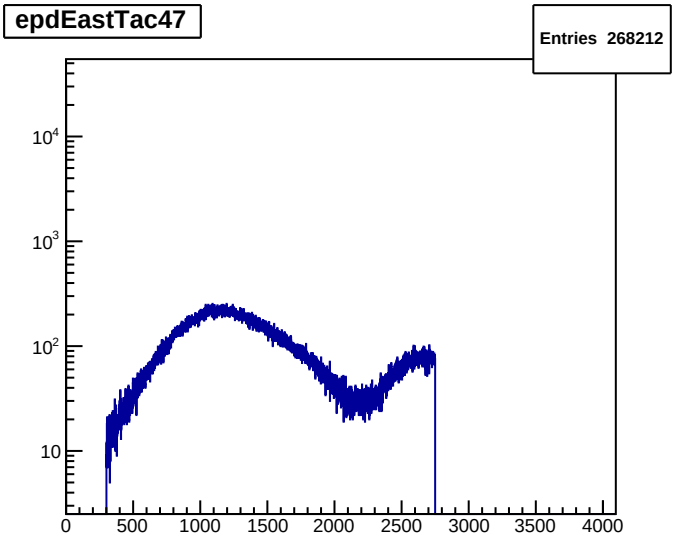
Entries 0
Data-Simu
DSM Input Channel

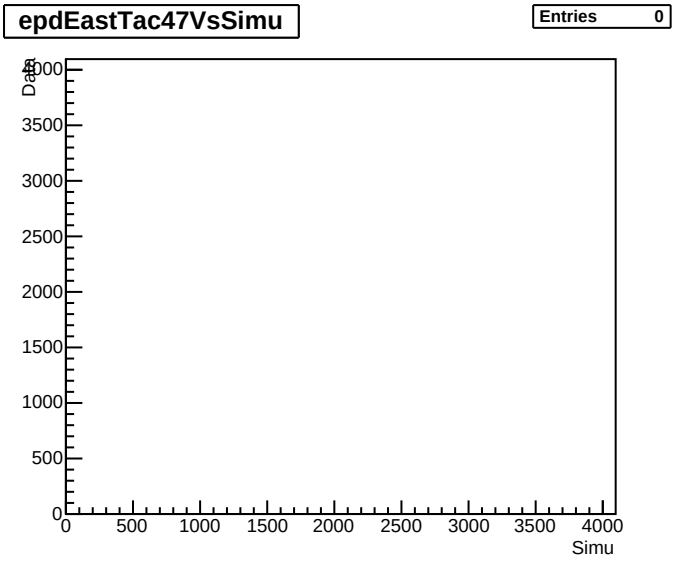

epdWestTHits
Entries 2145696
Truncated NHits
DSMInput Channel

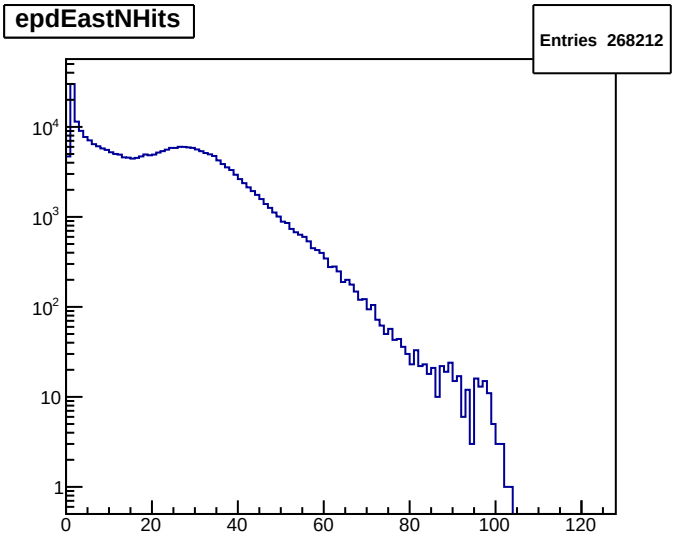

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

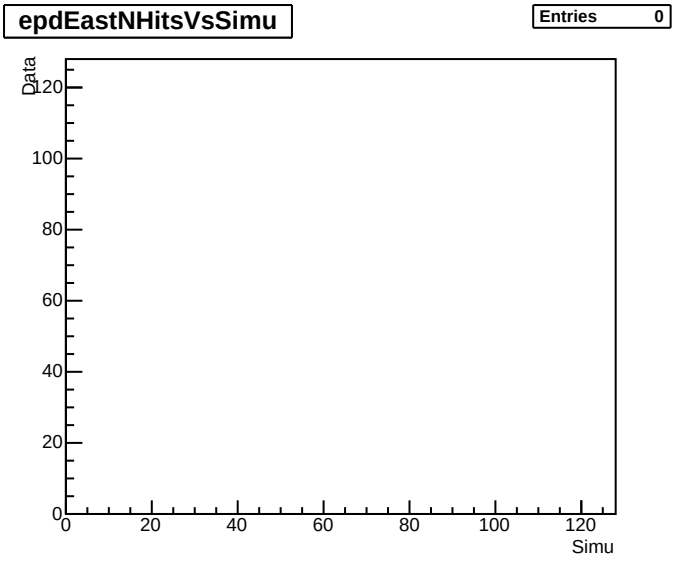

epdEastTac03
Entries 268212

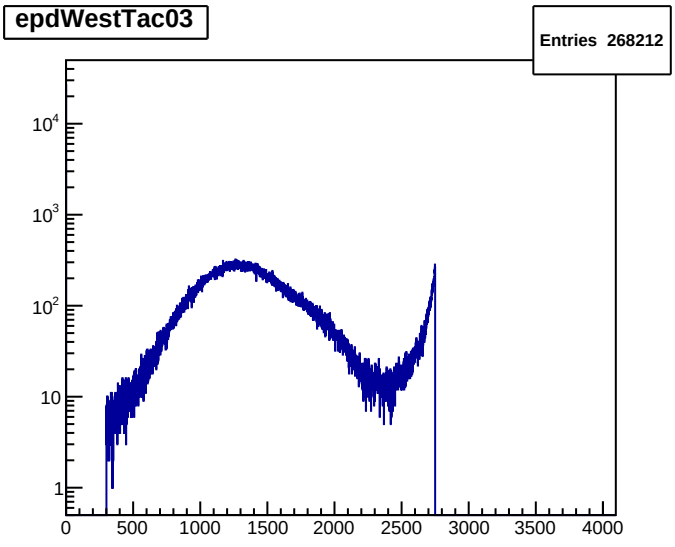

epdEastTac03VsSimu
Entries 0
Data
Simu

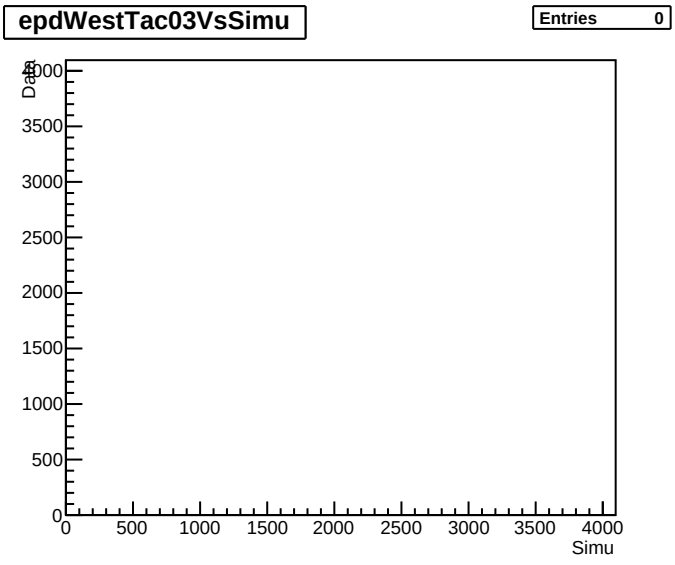

epdEastTac47
Entries 268212

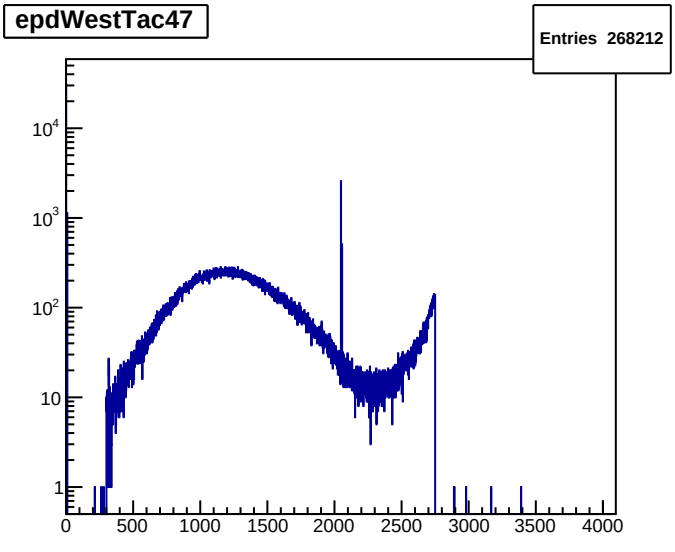

epdEastTac47VsSimu
Entries 0
Data
Simu

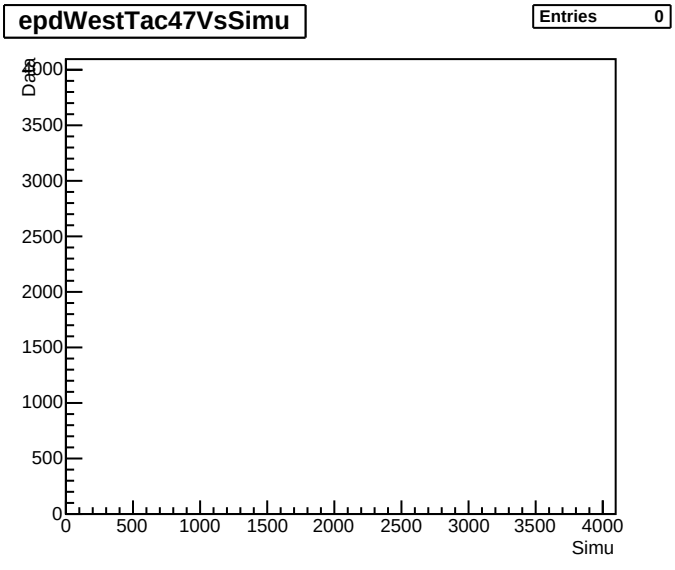

epdEastNHits
Entries 268212

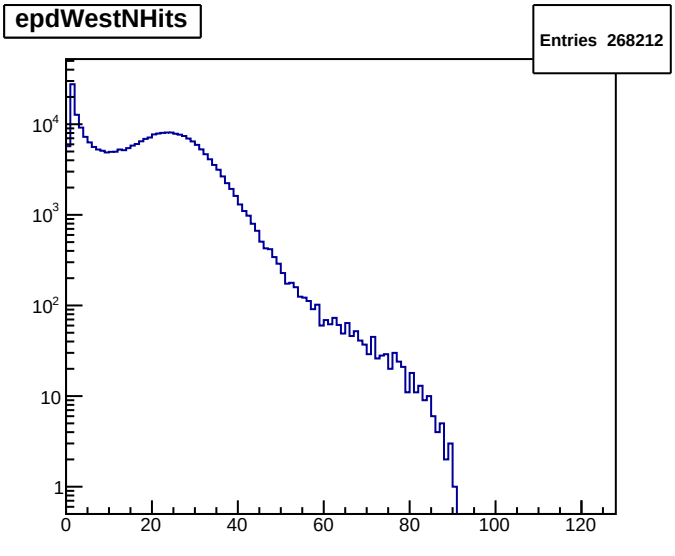

epdEastNHitsVsSimu
Entries 0
Data
Simu

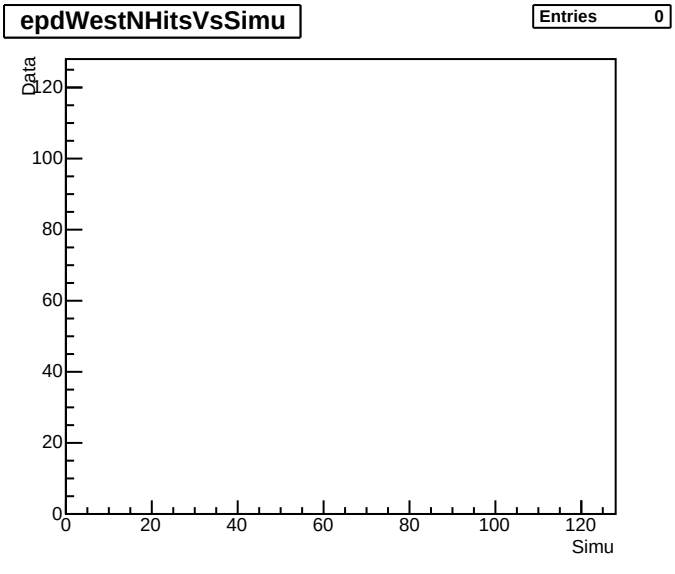

epdWestTac03
Entries 268212

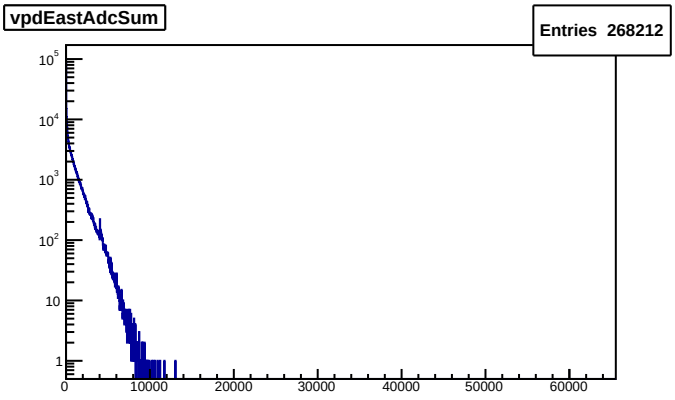

epdWestTac03VsSimu
Entries 0
Data
Simu

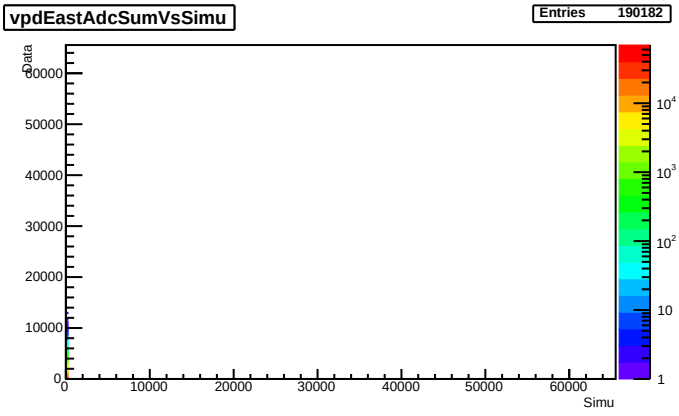

epdWestTac47
Entries 268212

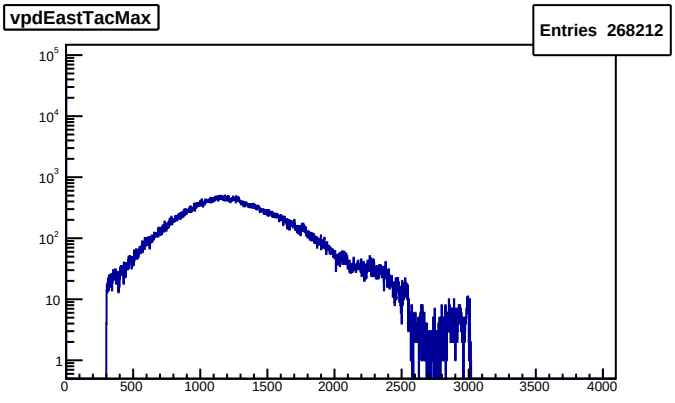

epdWestTac47VsSimu
Entries 0
Data
Simu

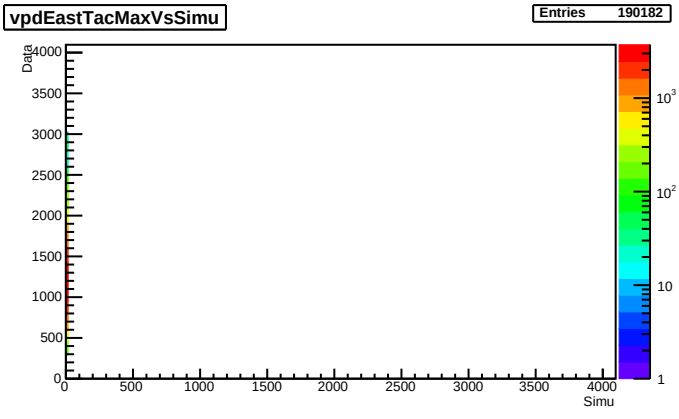

epdWestNHits
Entries 268212

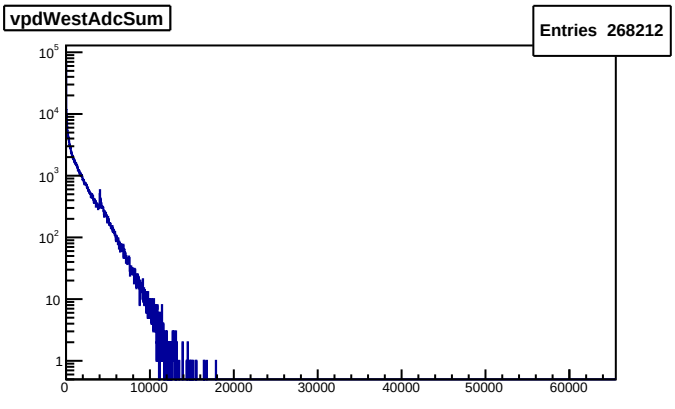

epdWestNHitsVsSimu
Entries 0
Data
Simu

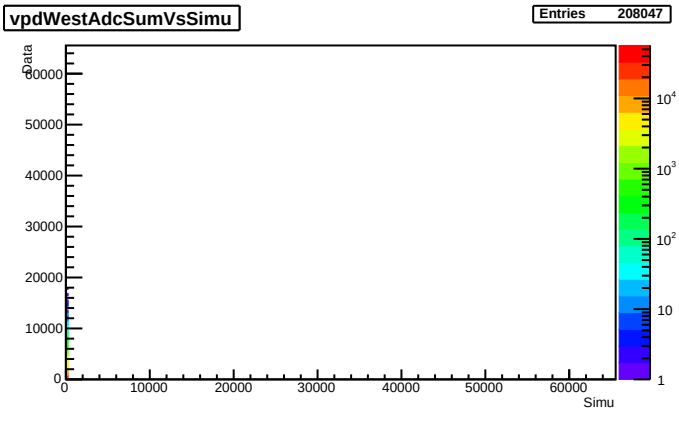

vpdEastAdcSum
Entries 268212

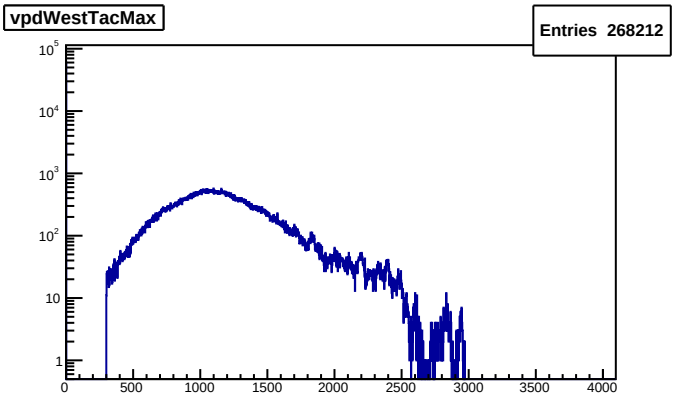

vpdEastAdcSumVsSimu
Entries 190182
Data
Simu

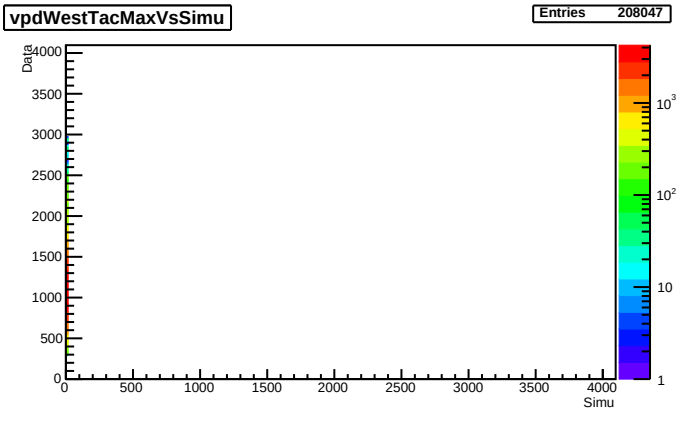

vpdEastTacMax
Entries 268212

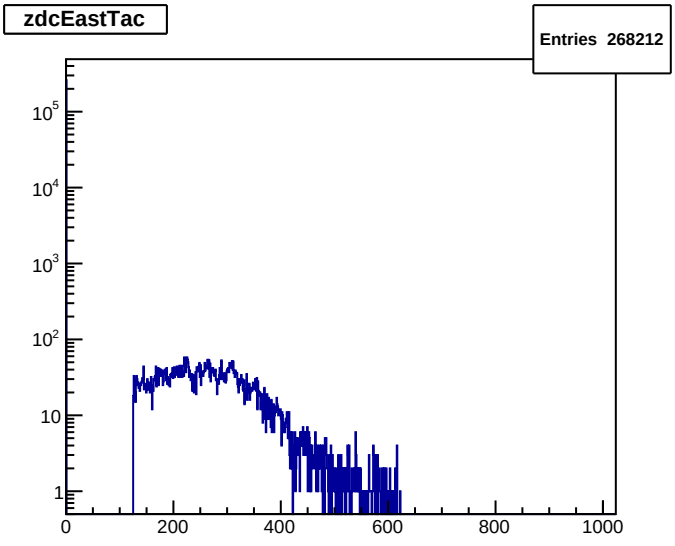

vpdEastTacMaxVsSimu
Entries 190182
Data
Simu

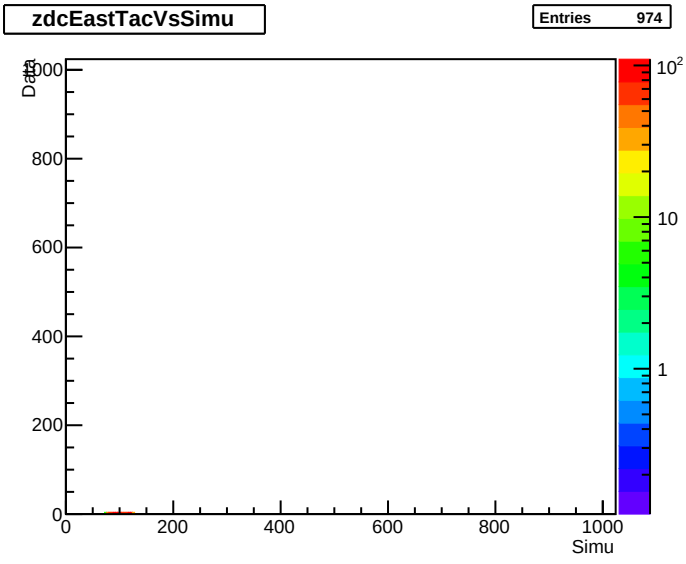

vpdWestAdcSum
Entries 268212

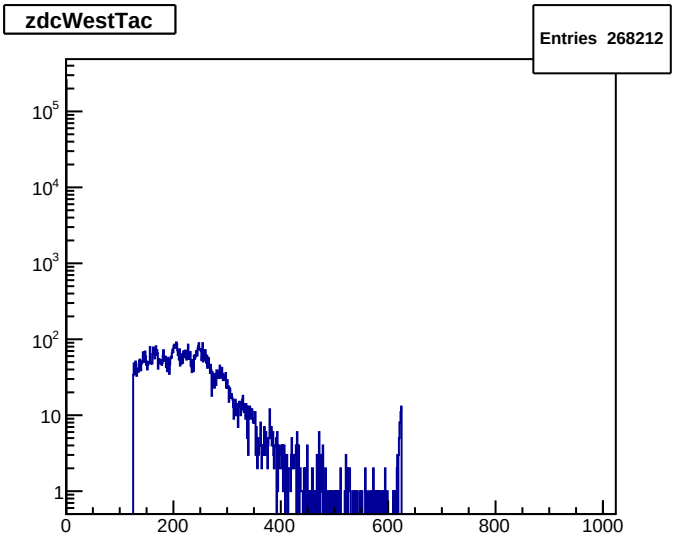

vpdWestAdcSumVsSimu
Entries 208047
Data
Simu

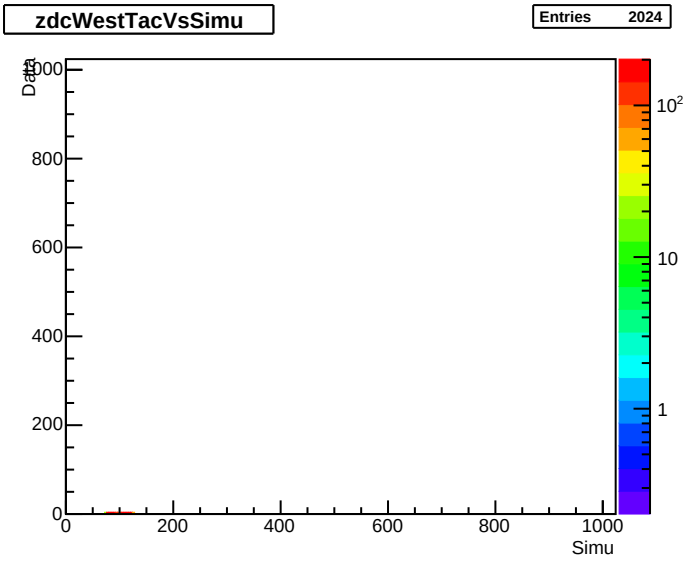

vpdWestTacMax
Entries 268212

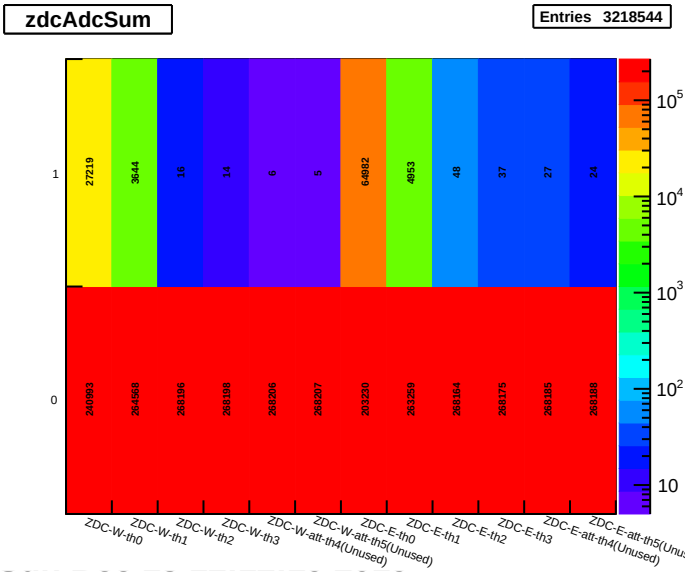

vpdWestTacMaxVsSimu
Entries 208047
Data
Simu

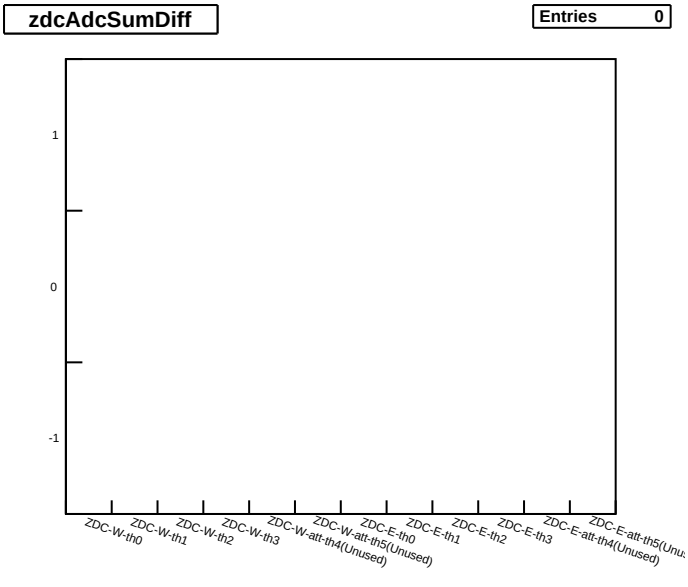

zdcEastTac
Entries 268212

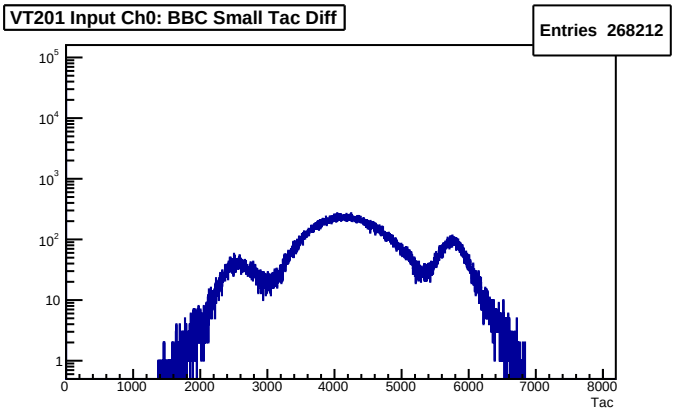

zdcEastTacVsSimu
Entries 974
Data
Simu

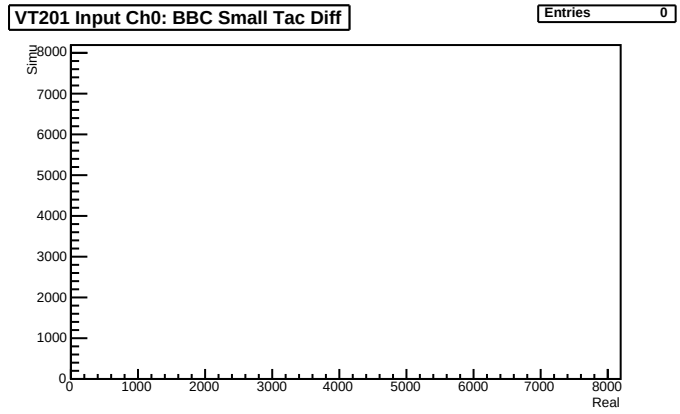

zdcWestTac
Entries 268212

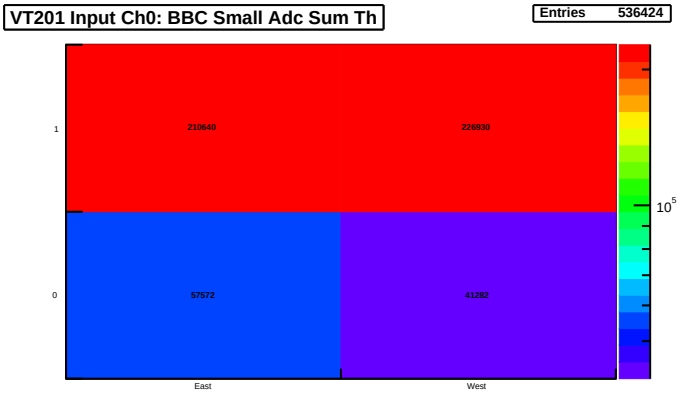

zdcWestTacVsSimu
Entries 2024
Data
Simu

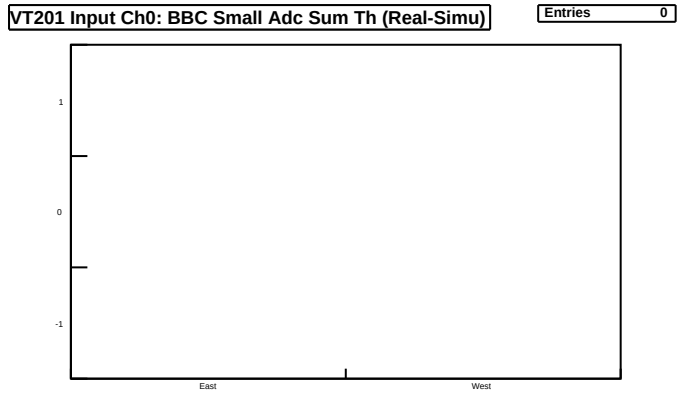

zdcAdcSum
Entries 3218544
27219
3644
16
14
6
5
64882
4953
48
37
27
24
240993
264568
268196
268198
268206
268207
203230
263259
268164
268175
268185
268188
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

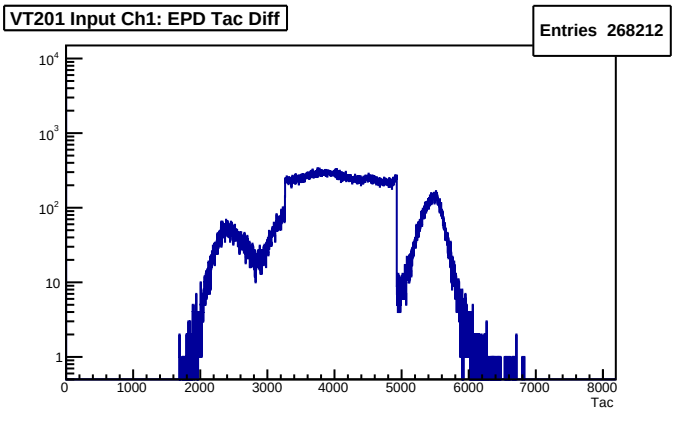

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

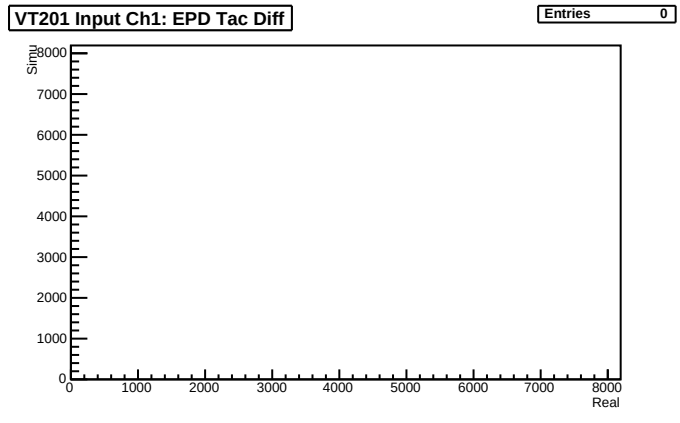

VT201 Input Ch0: BBC Small Tac Diff
Entries 268212
Tac

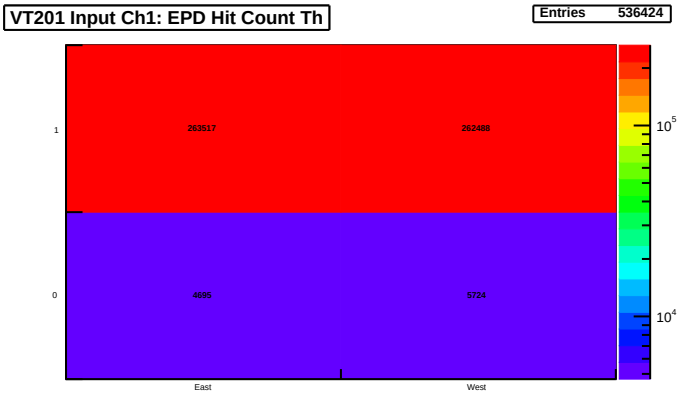

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

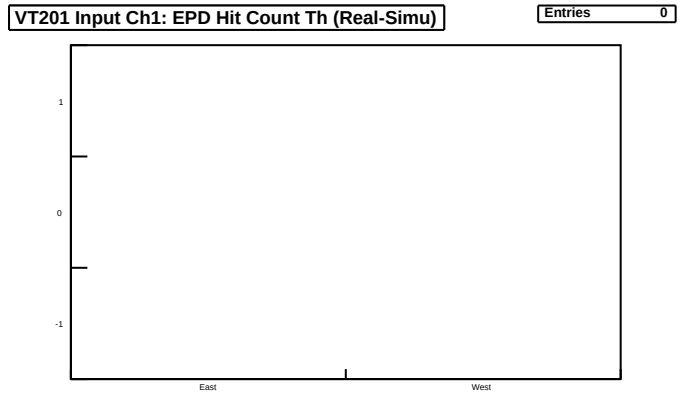

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 536424
210640
226930
57572
41282
East
West

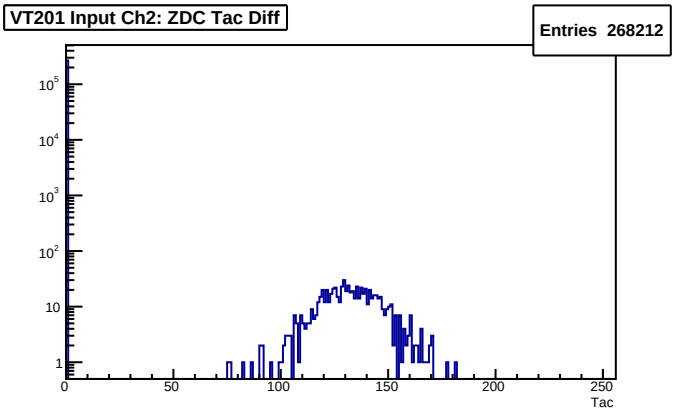

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

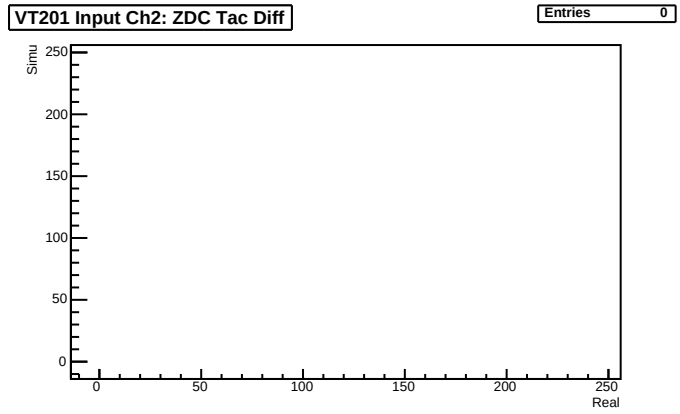

VT201 Input Ch1: EPD Tac Diff
Entries 268212
Tac

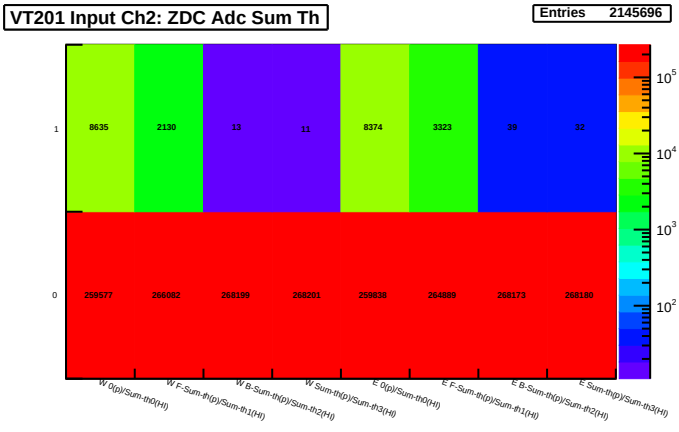

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

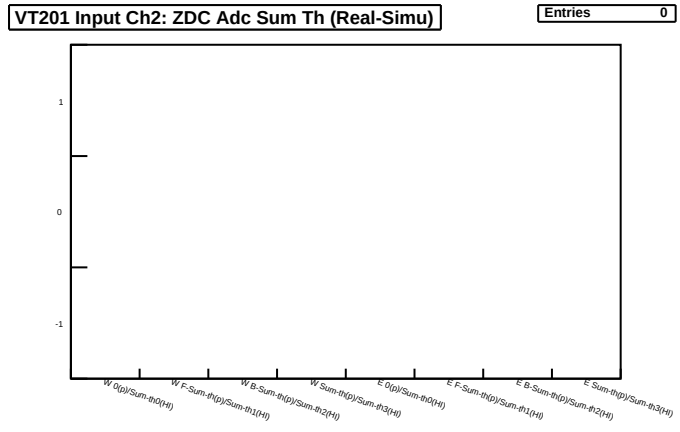

VT201 Input Ch1: EPD Hit Count Th
Entries 536424
263517
262488
4695
5724
East
West

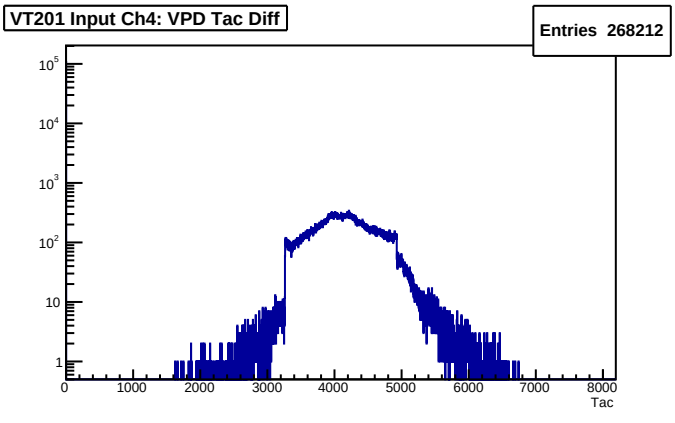

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

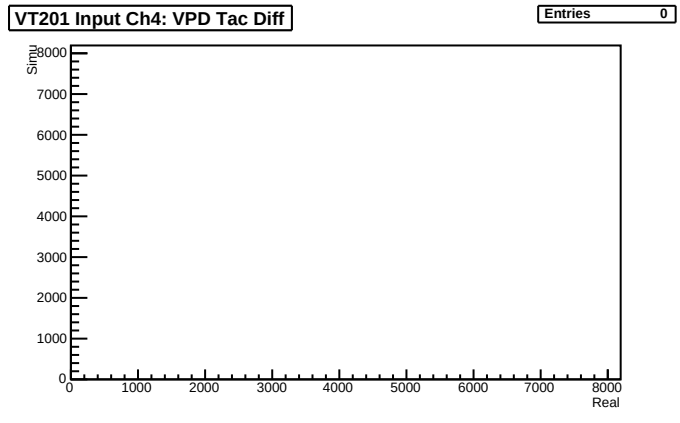

VT201 Input Ch2: ZDC Tac Diff
Entries 268212
Tac

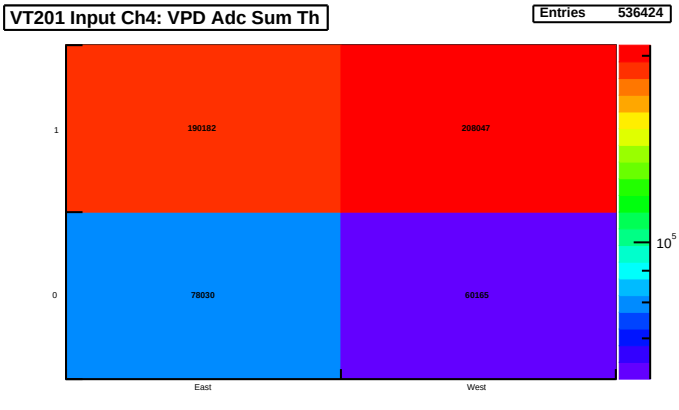

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

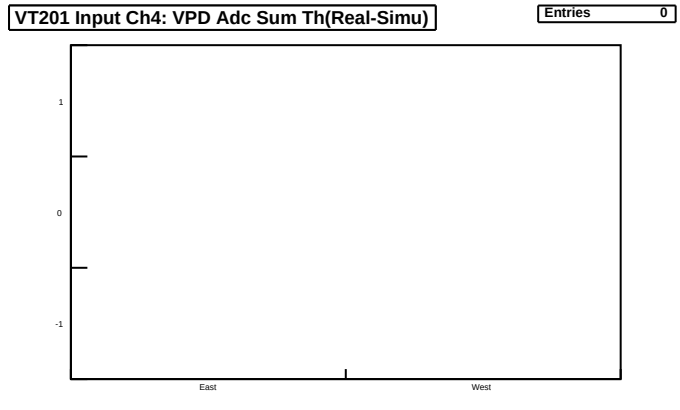

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2145696
8635
2130
13
11
8374
3323
39
32
259577
266082
268199
268201
259838
264889
268173
268180
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

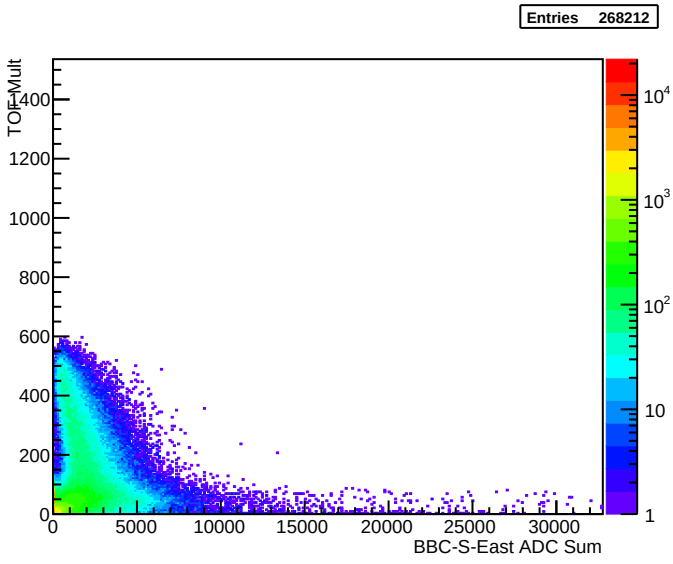

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

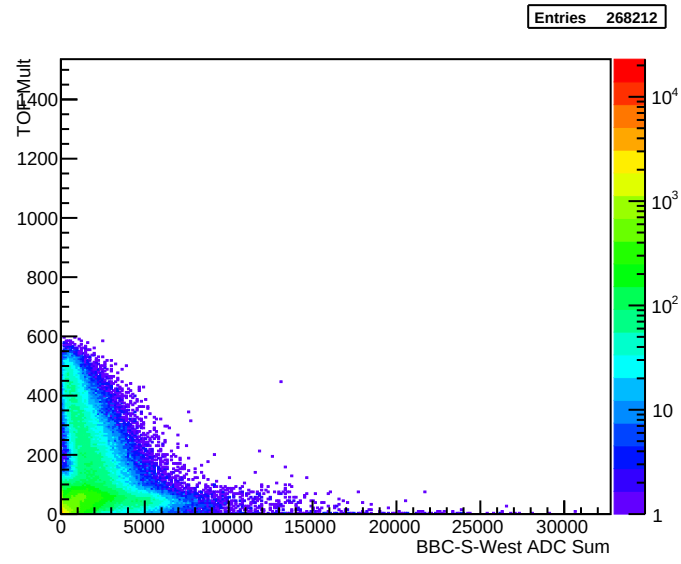

VT201 Input Ch4: VPD Tac Diff
Entries 268212
Tac

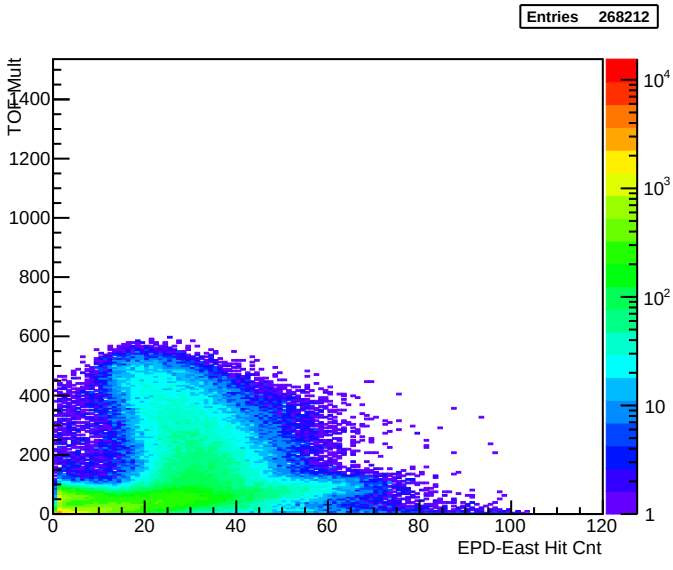

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

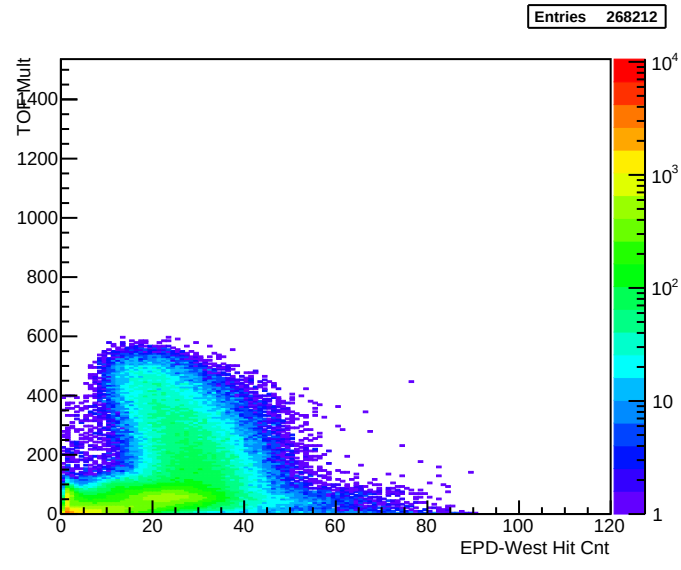

VT201 Input Ch4: VPD Adc Sum Th
Entries 536424
190182
200047
78030
60165
East
West

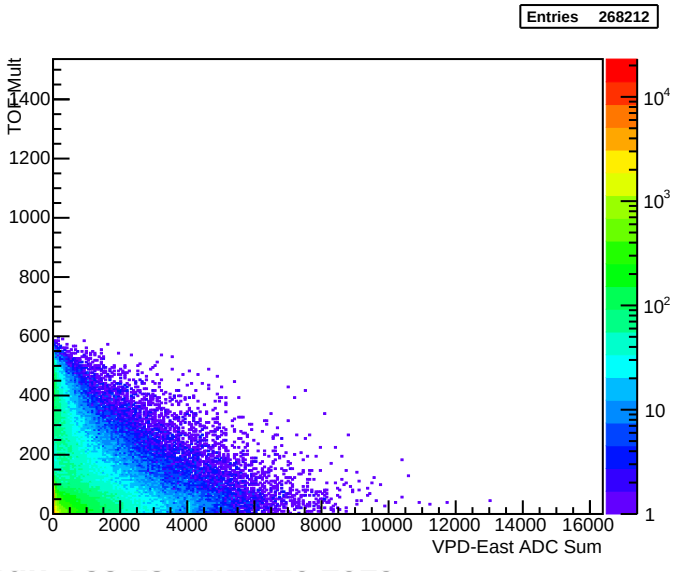

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

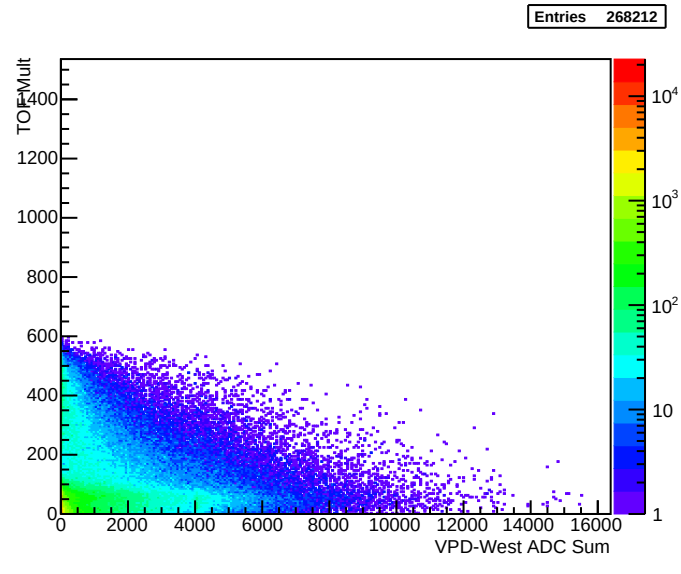

Entries 268212
TOF-Mult
BBC-S-East ADC Sum

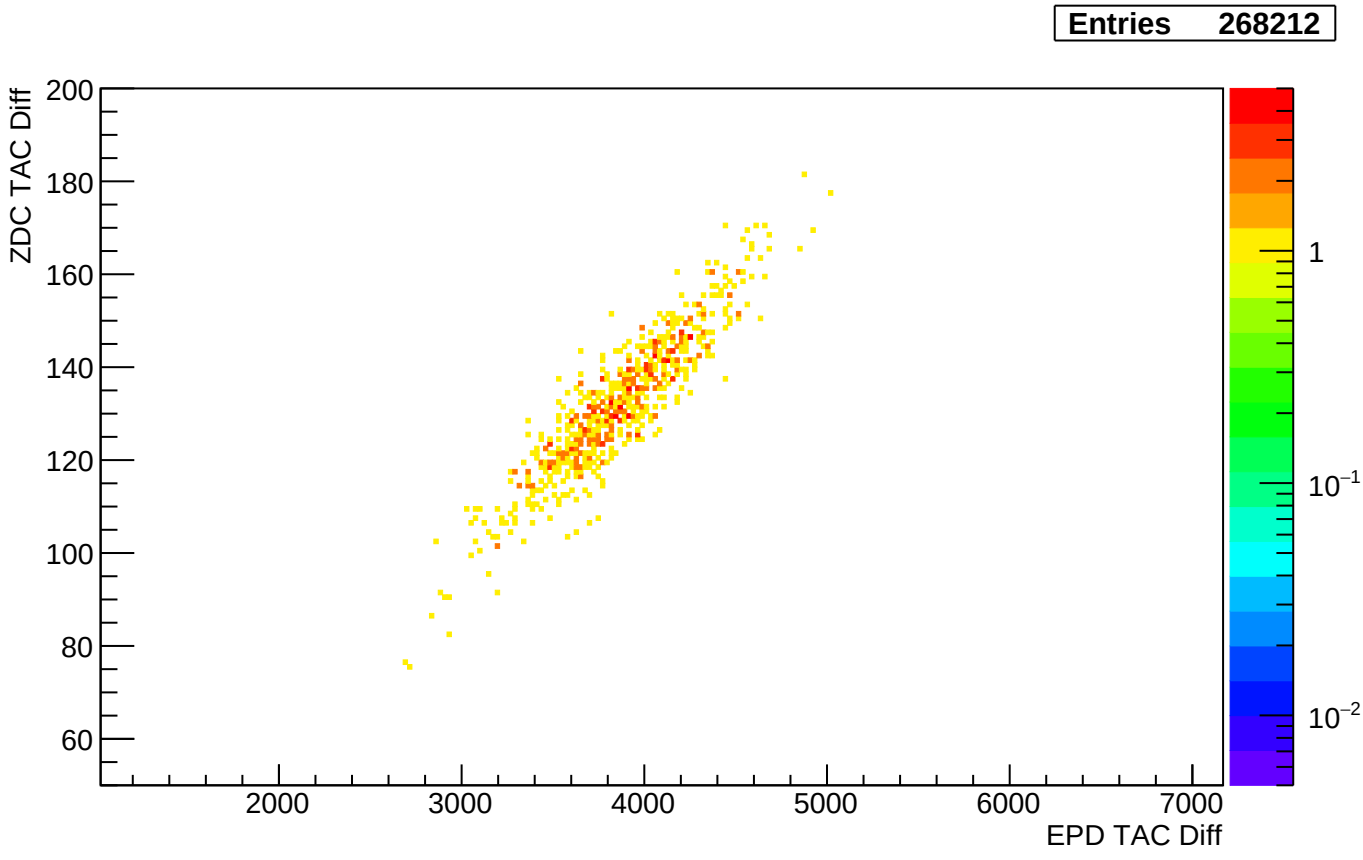

Entries 268212
TOF-Mult
BBC-S-West ADC Sum

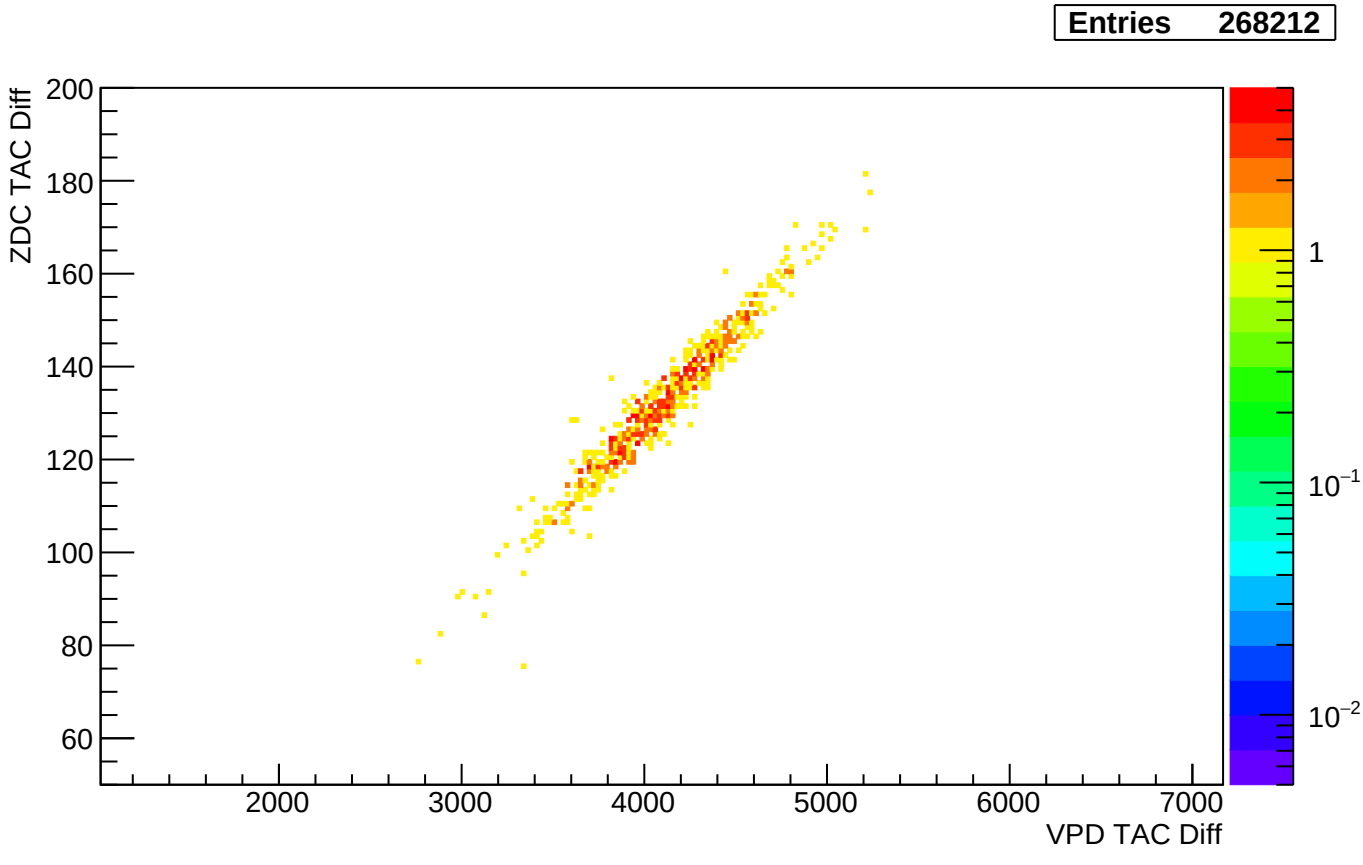

Entries 268212
TOF-Mult
EPD-East Hit Cnt

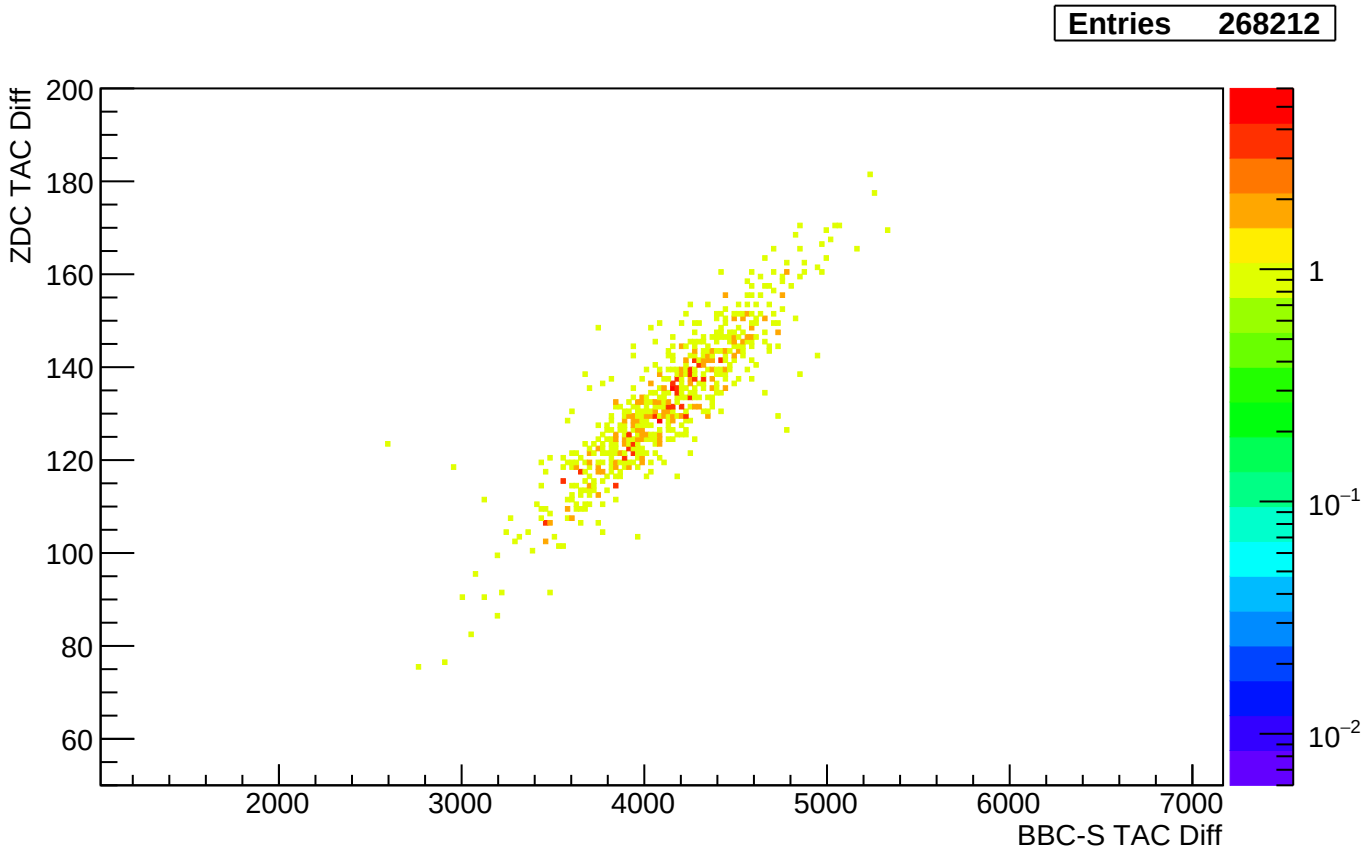

Entries 268212
TOF-Mult
EPD-West Hit Cnt

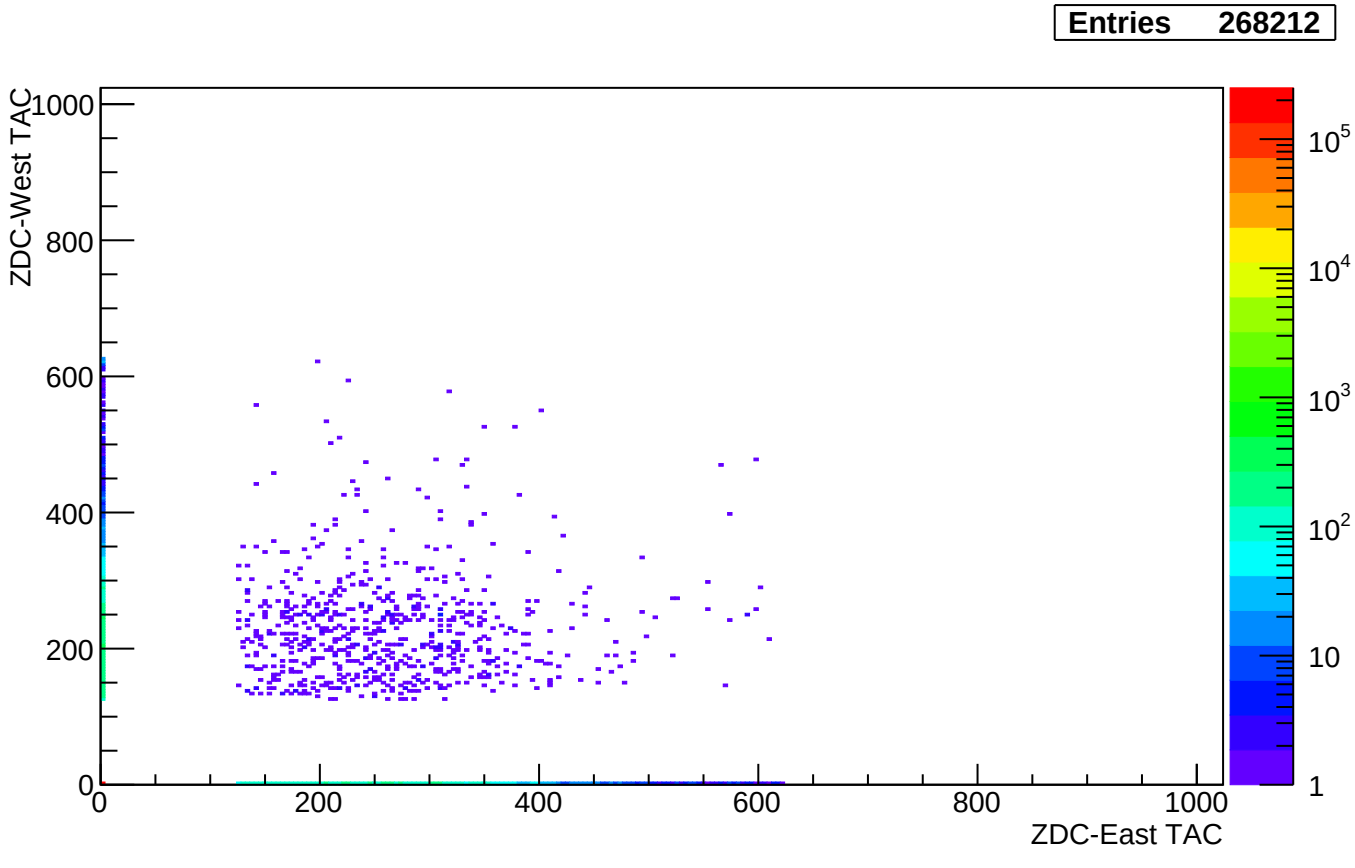

Entries 268212
TOF-Mult
VPD-East ADC Sum

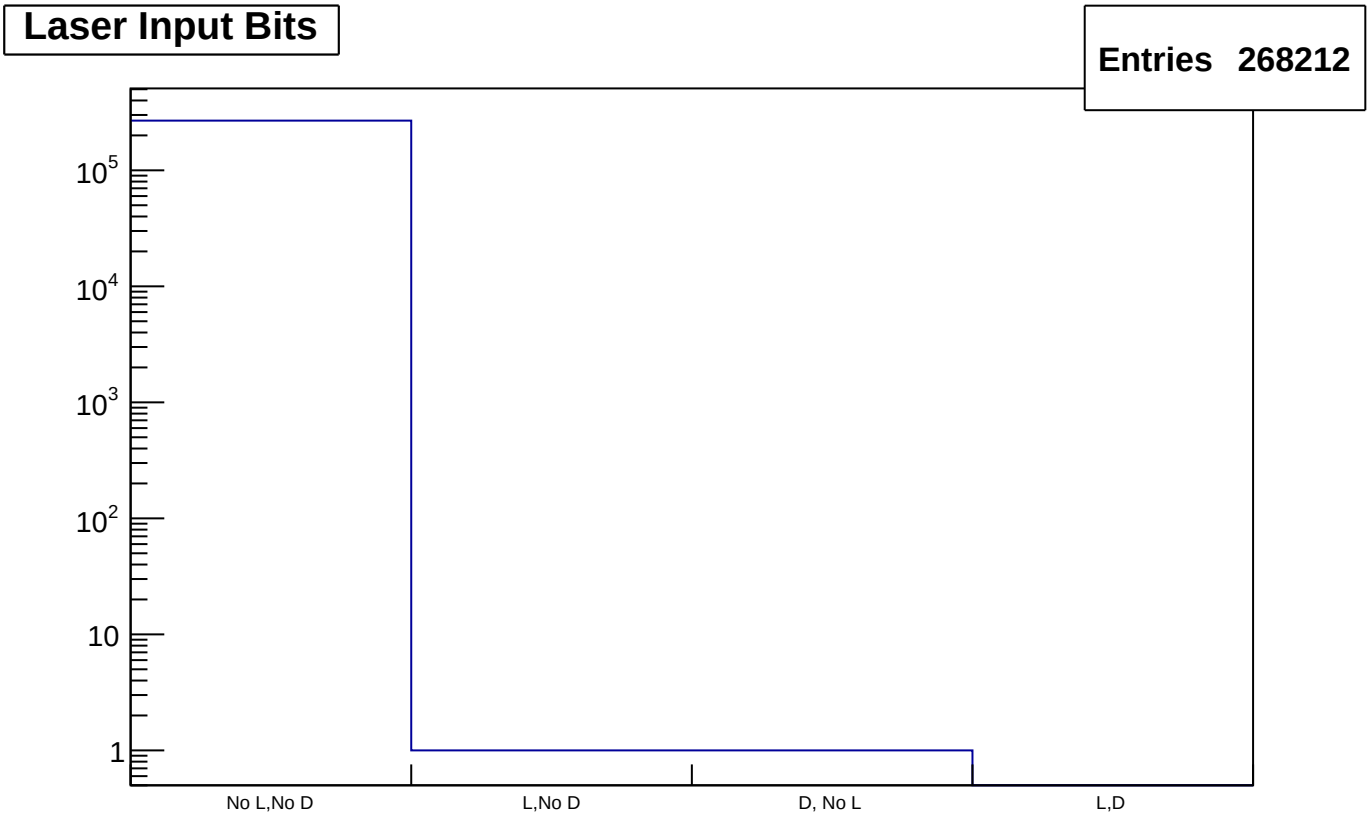

Entries 268212
TOF-Mult
VPD-West ADC Sum

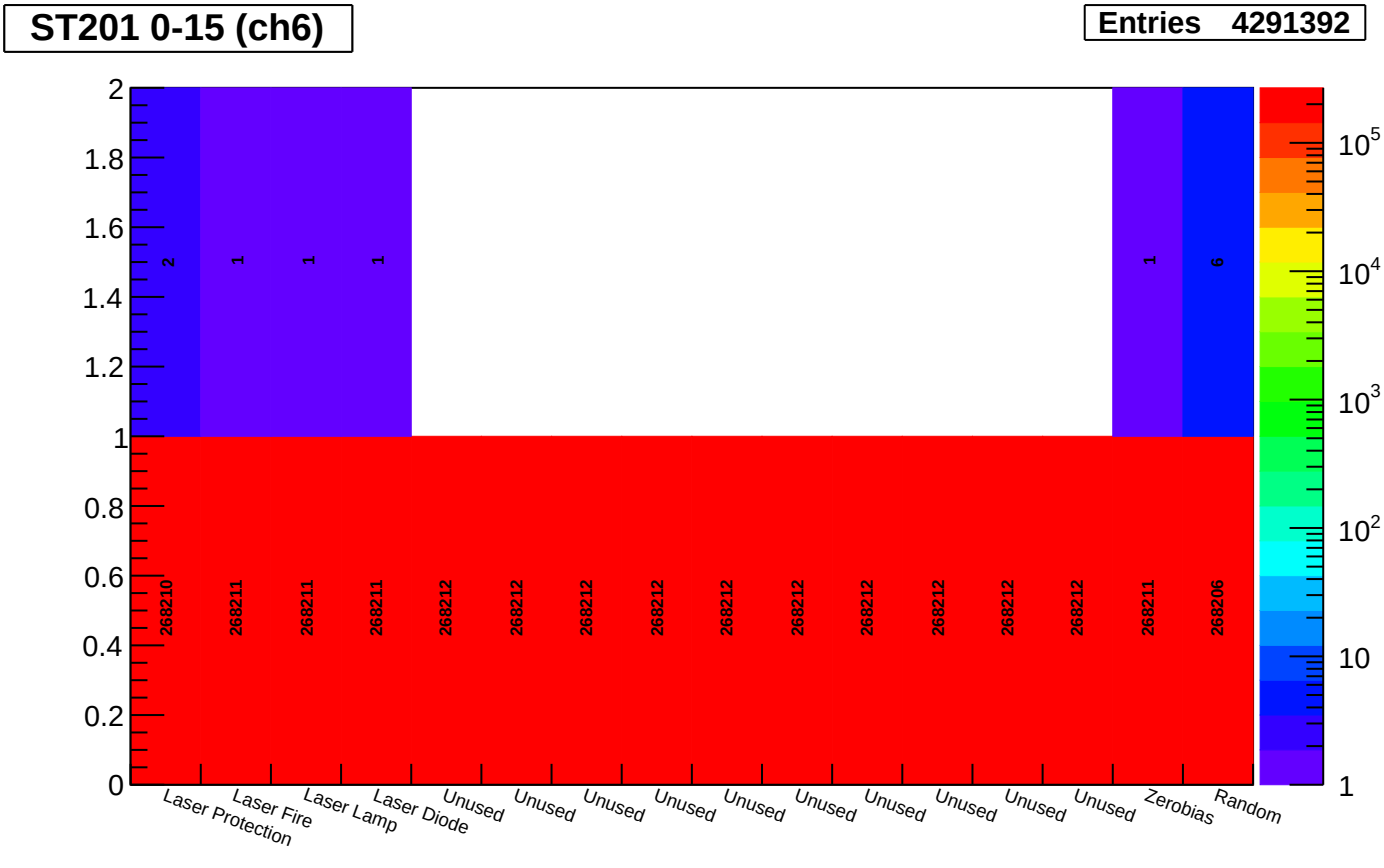

Entries 268212
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

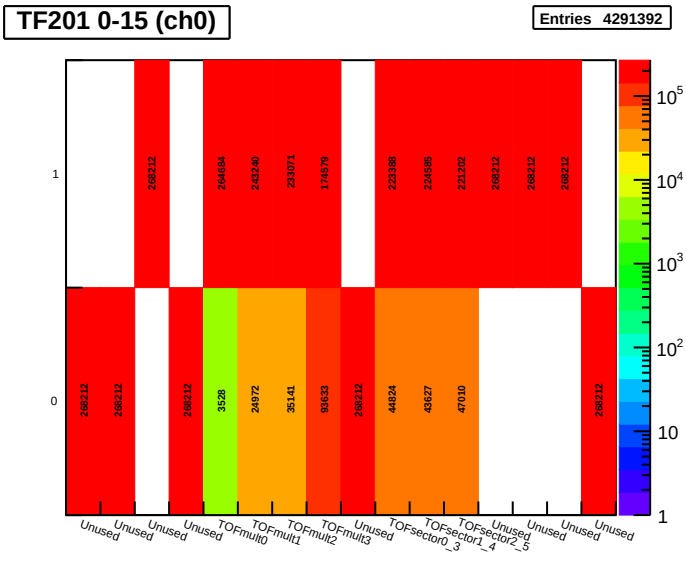

Entries 268212
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

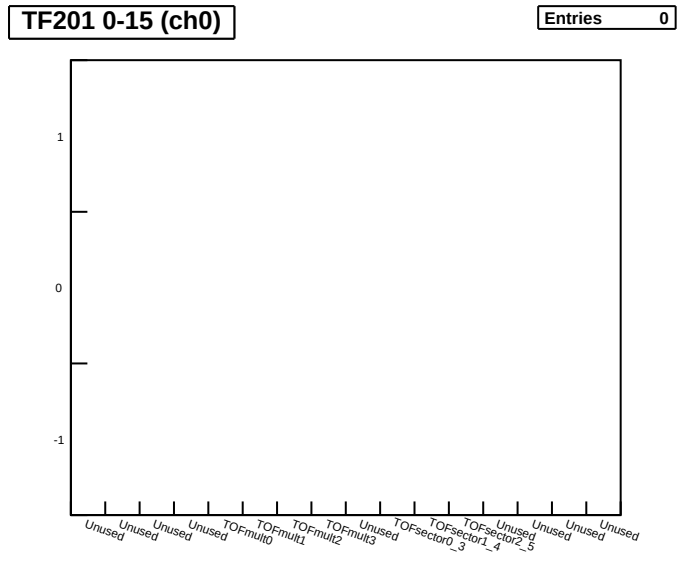

Entries 268212
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

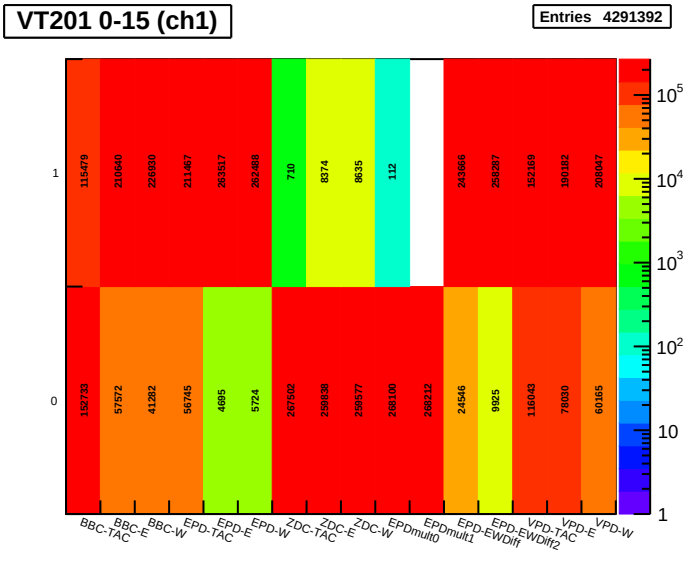

Entries 268212
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

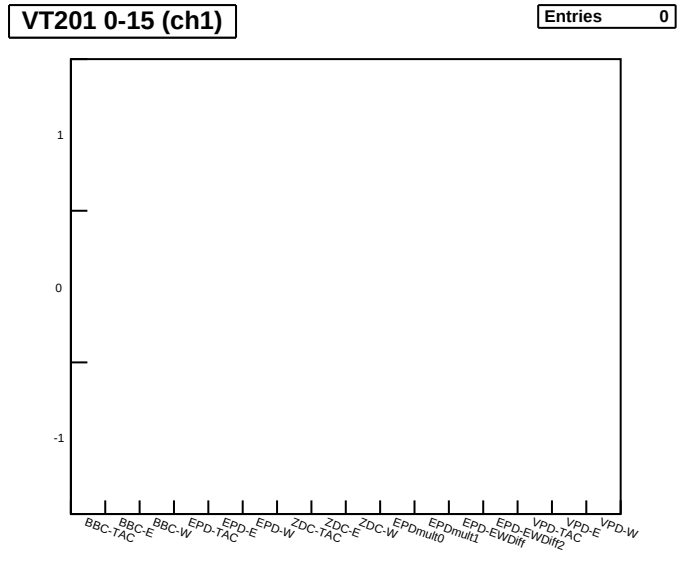

Laser Input Bits
Entries 268212
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

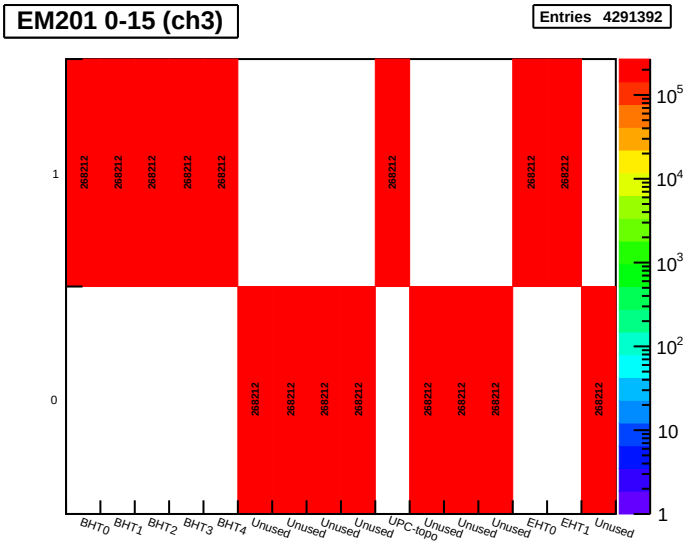

ST201 0-15 (ch6)
Entries 4291392
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2
1
1
1
1
6
268210
268211
268211
268211
268212
268212
268212
268212
268212
268212
268212
268212
268212
268212
268211
268206
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

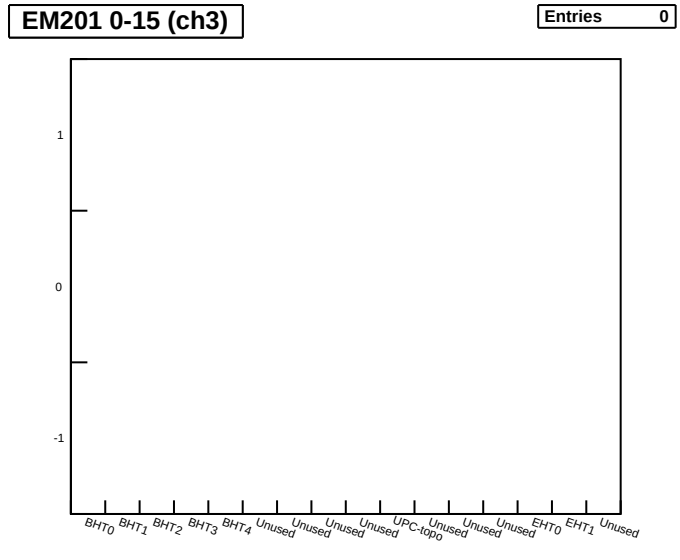

TF201 0-15 (ch0)
Entries 4291392
1
0
268212 268212 268212 268212 244684 243240 233071 174579 223388 224585 221202 268212 268212 268212
268212 268212 268212 3528 24972 35141 93633 268212 44824 43627 47010 268212
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 4291392
1
0
115479 210640 226930 211467 263517 262488 710 8374 8635 112 243666 258287 152169 190182 208047
152733 57572 41282 56745 4695 5724 267502 259838 259577 268100 268212 24546 9925 116043 78030 60165
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
1 10 10^2 10^3 10^4 10^5


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 4291392
1
0
268212 268212 268212 268212 268212 268212 268212 268212 268212
268212 268212 268212 268212 268212 268212 268212 268212
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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