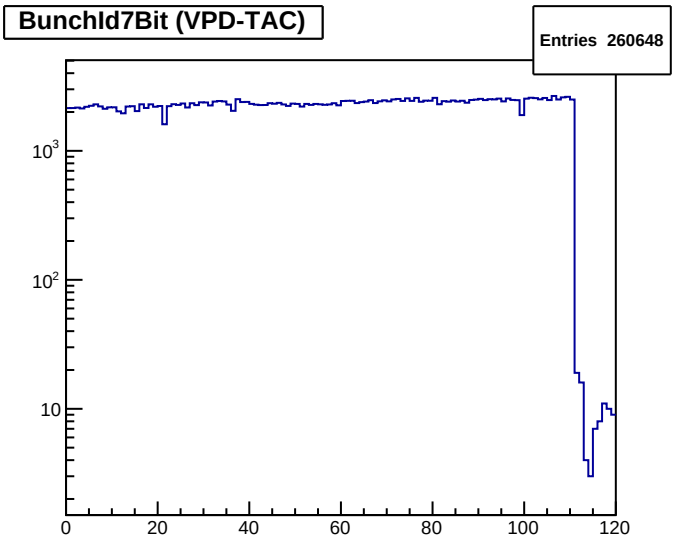
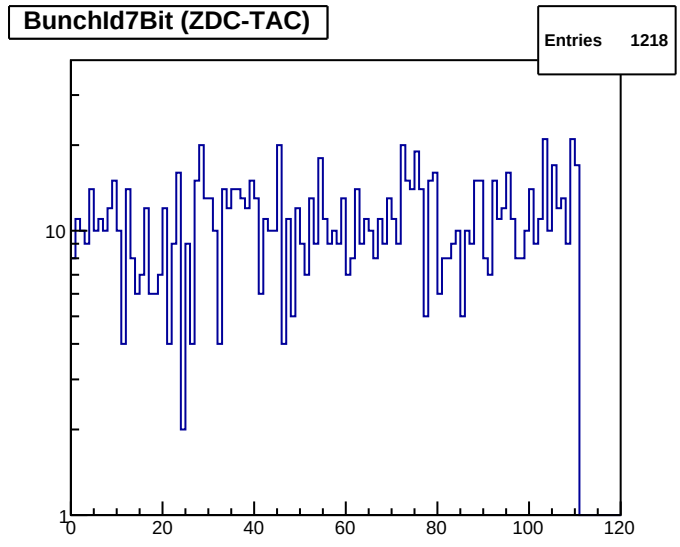
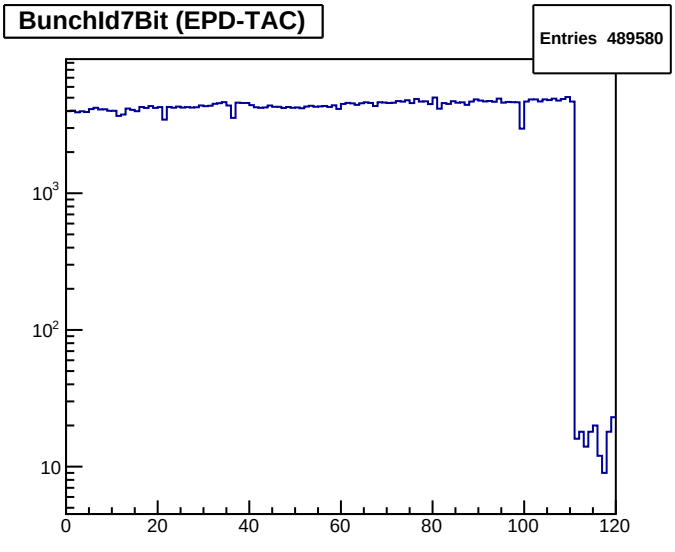
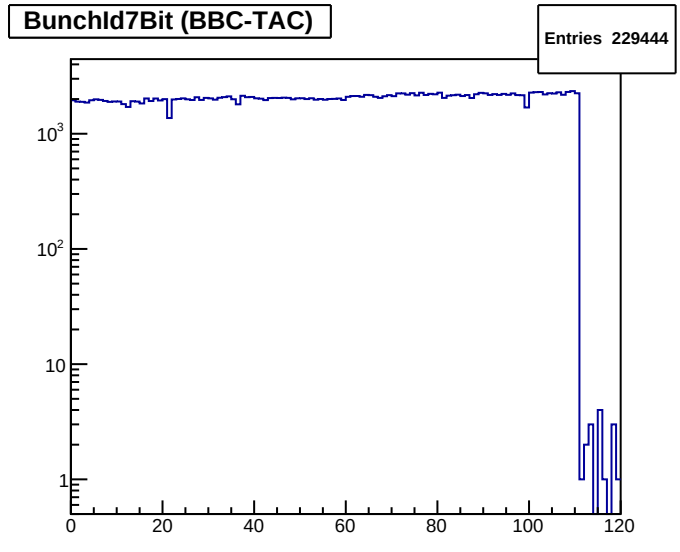
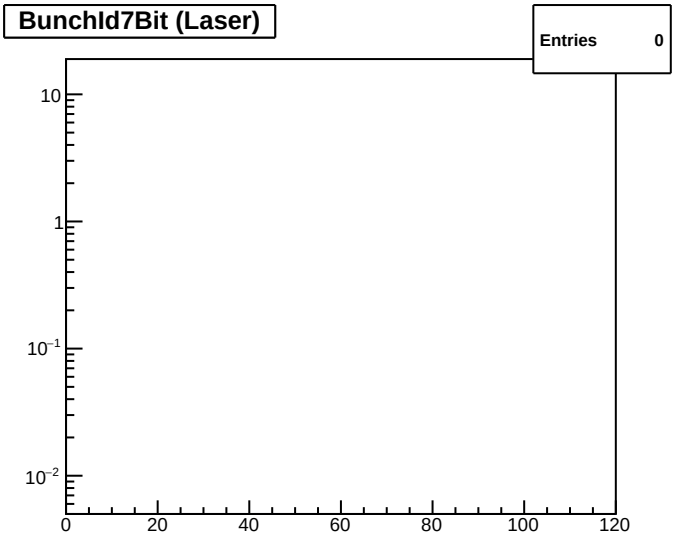
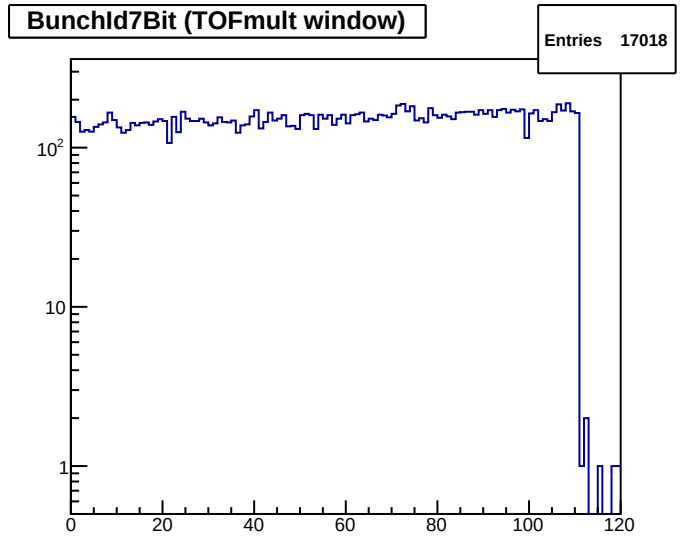

BunchId7Bit (VPD-TAC)
Entries 260648

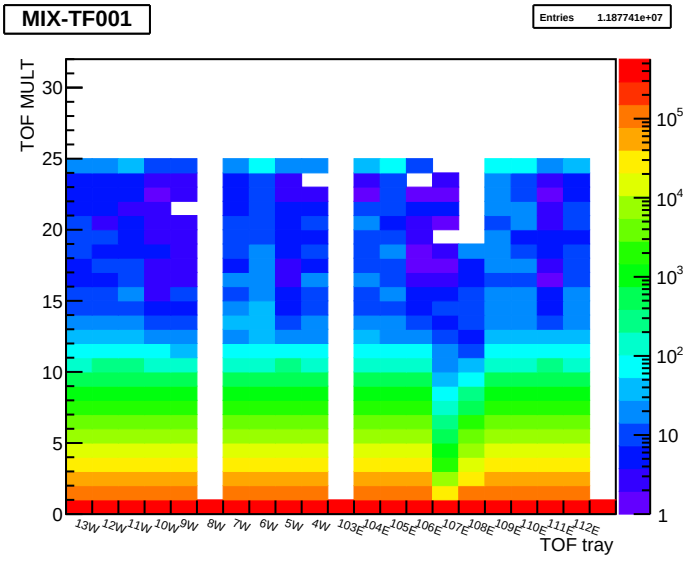

BunchId7Bit (ZDC-TAC)
Entries 1218

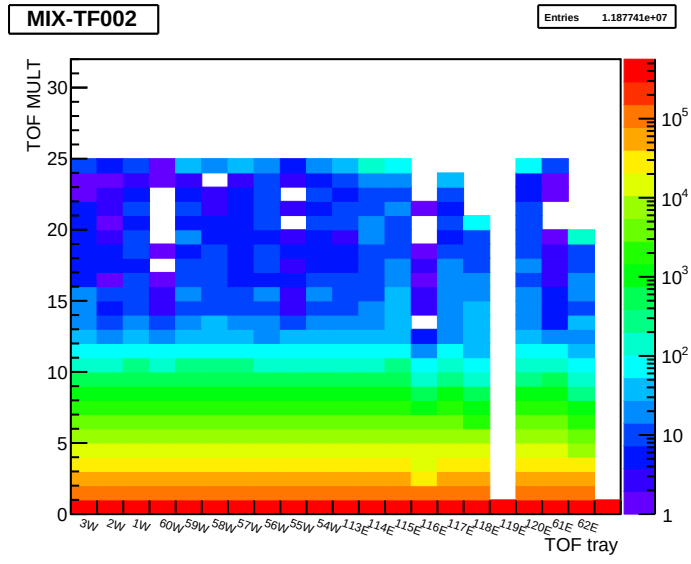

BunchId7Bit (EPD-TAC)
Entries 489580

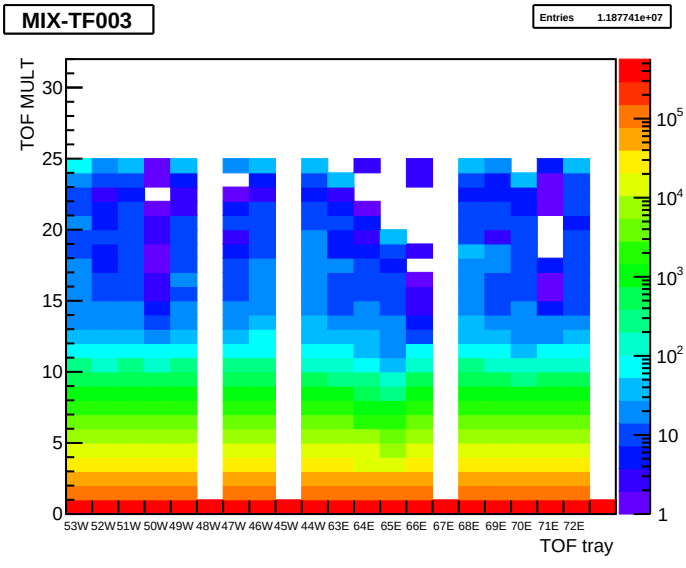

BunchId7Bit (BBC-TAC)
Entries 229444

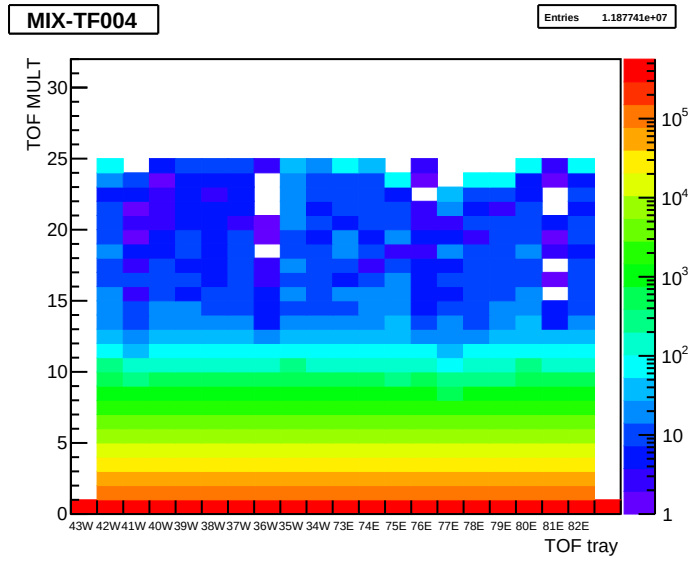

BunchId7Bit (Laser)
Entries 0

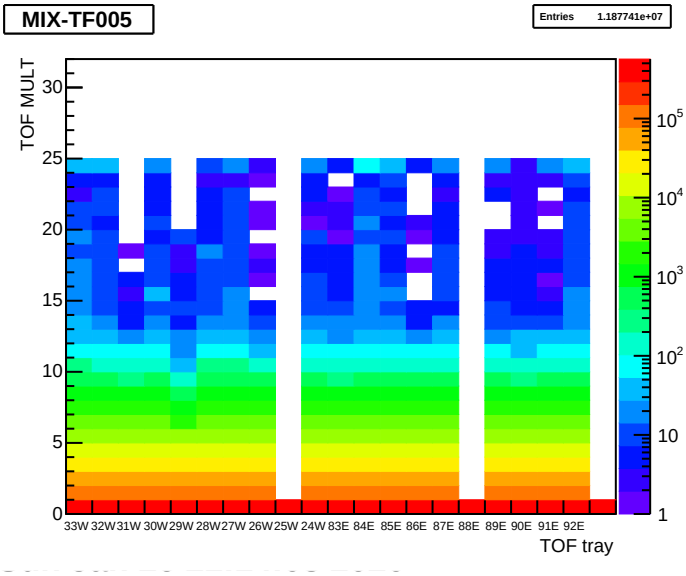

BunchId7Bit (TOFmult window)
Entries 17018

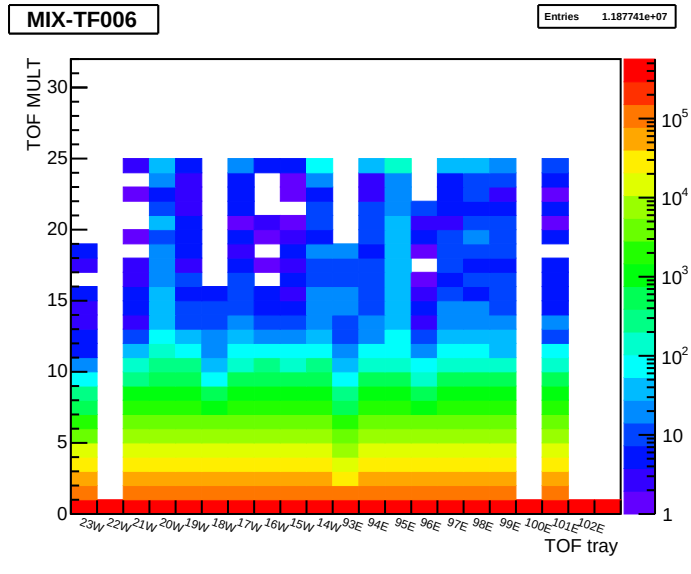

MIX-TF001
Entries 1.187741e+07
TOF MULT
TOF tray

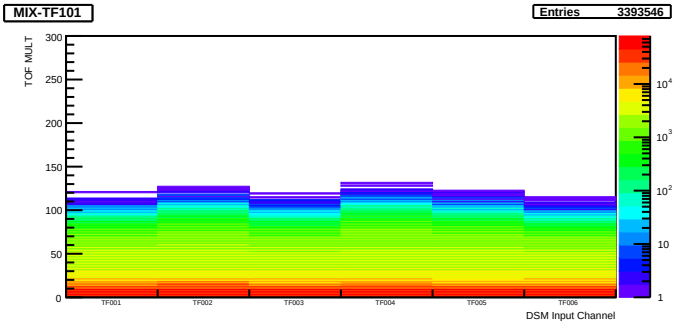

MIX-TF002
Entries 1.187741e+07
TOF MULT
TOF tray

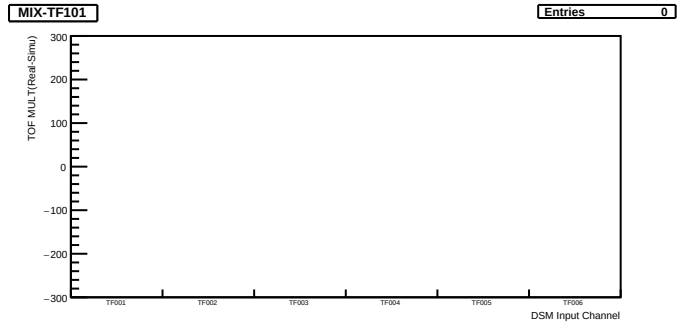

MIX-TF003
Entries 1.187741e+07
TOF MULT
TOF tray

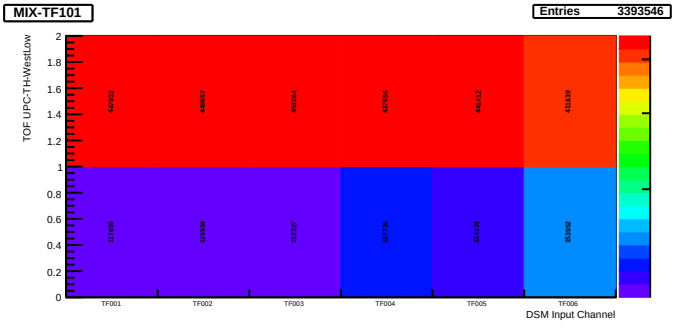

MIX-TF004
Entries 1.187741e+07
TOF MULT
TOF tray

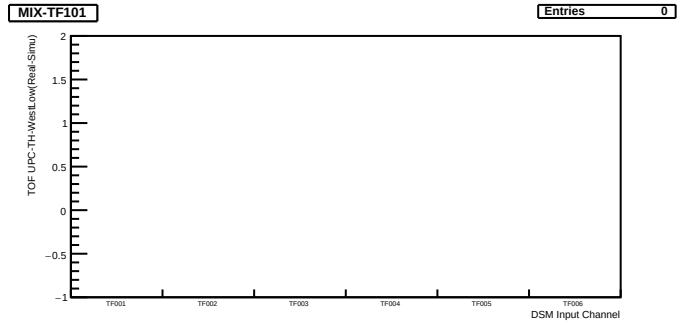

MIX-TF005
Entries 1.187741e+07
TOF MULT
TOF tray

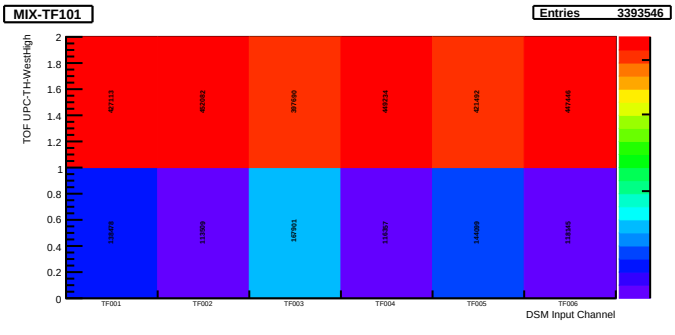

MIX-TF006
Entries 1.187741e+07
TOF MULT
TOF tray

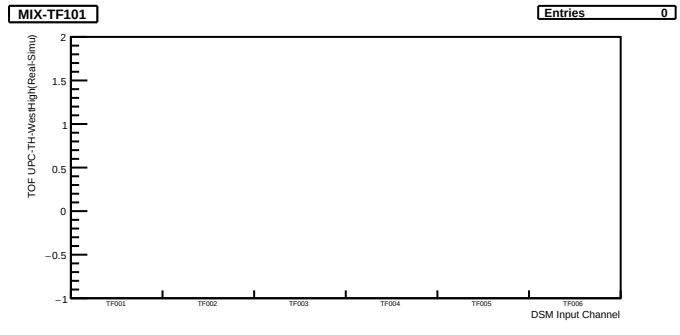

MIX-TF101
Entries 3393546
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

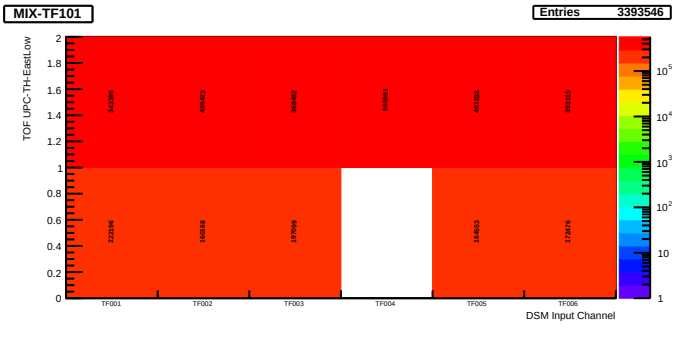

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

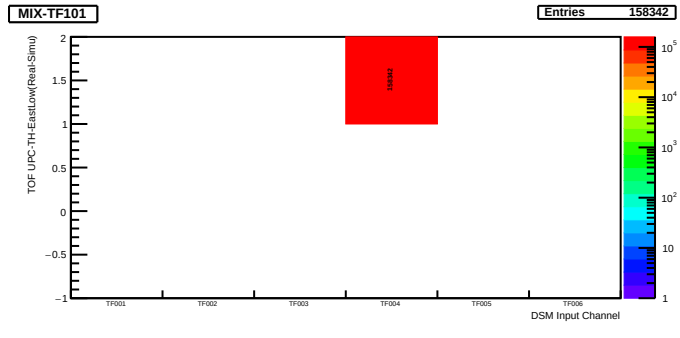

MIX-TF101
Entries 3393546
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

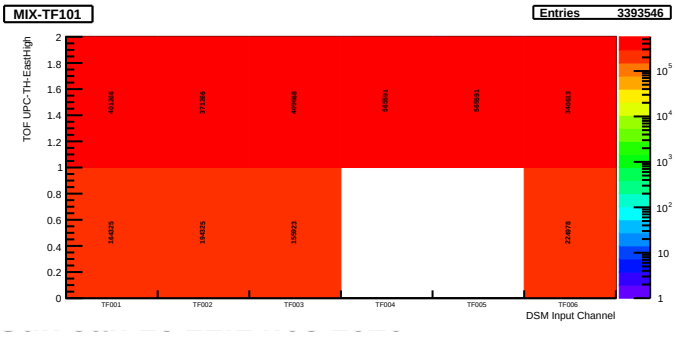

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

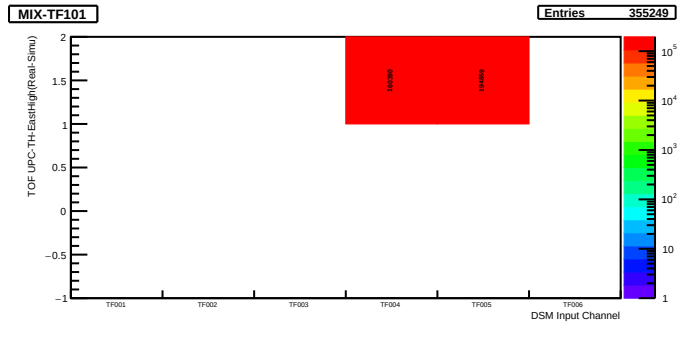

MIX-TF101
Entries 3393546
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

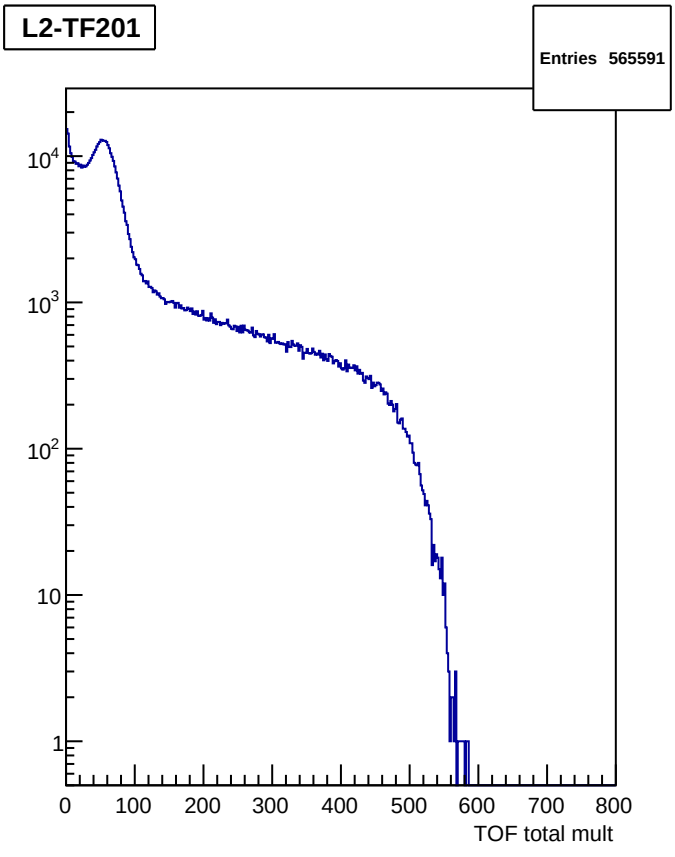

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

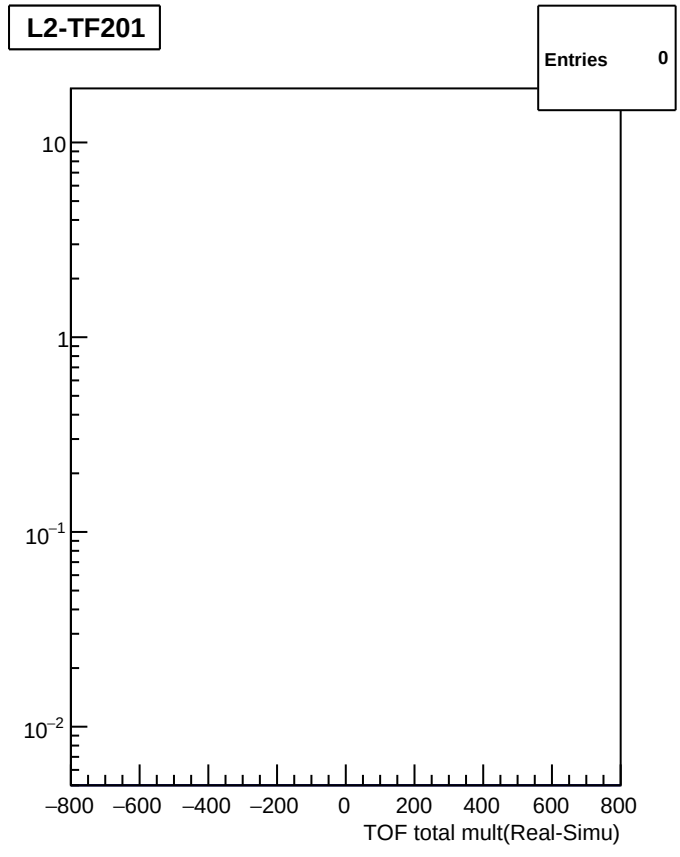

MIX-TF101
Entries 3393546
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

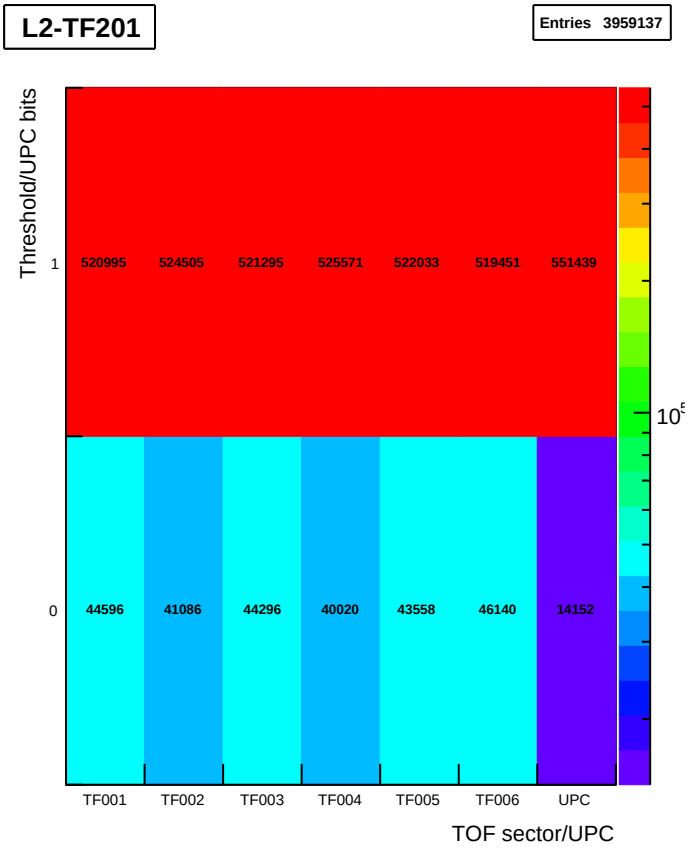

MIX-TF101
Entries 158342
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

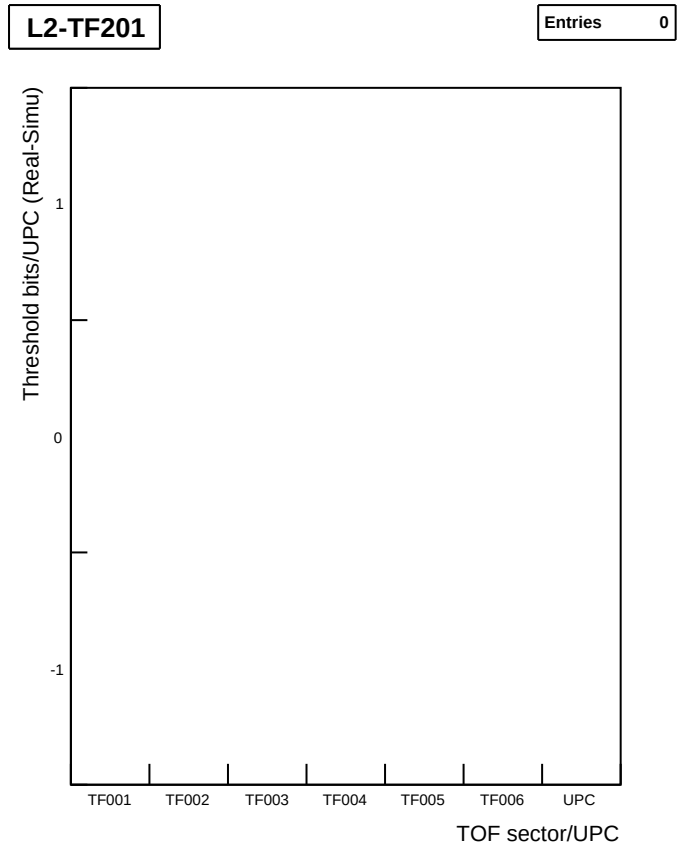

MIX-TF101
Entries 3393546
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

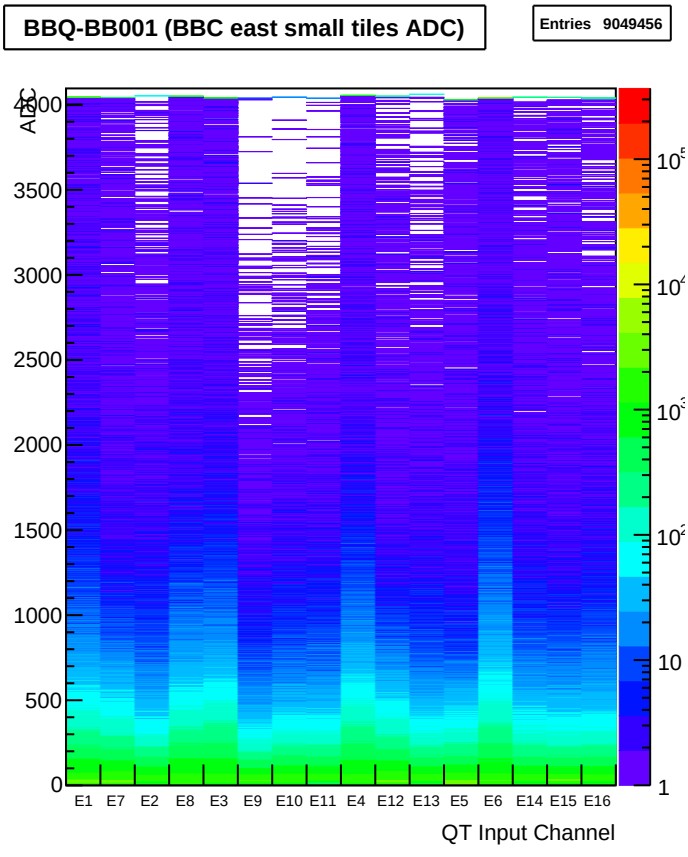

MIX-TF101
Entries 355249
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

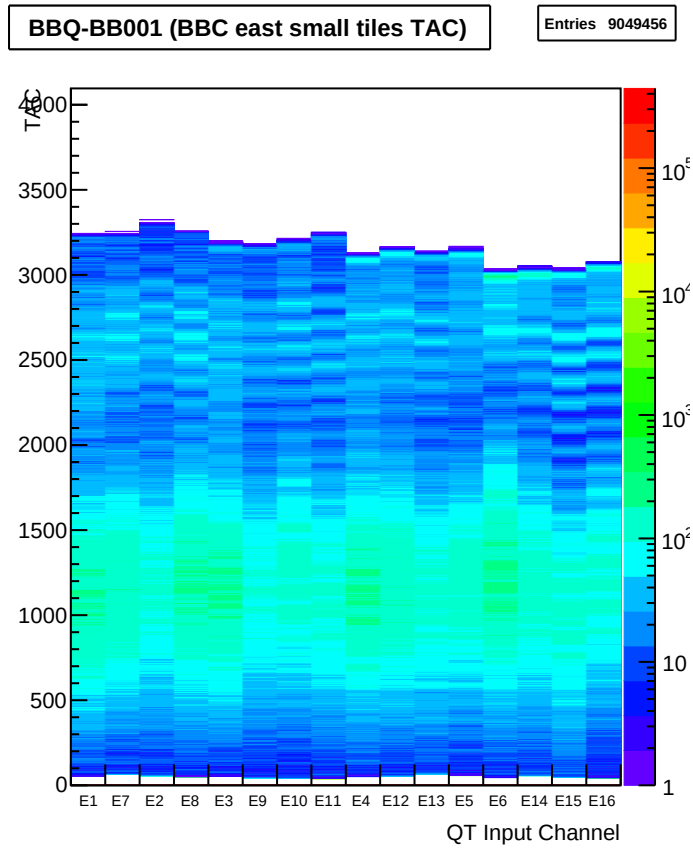

L2-TF201
Entries 565591
TOF total mult

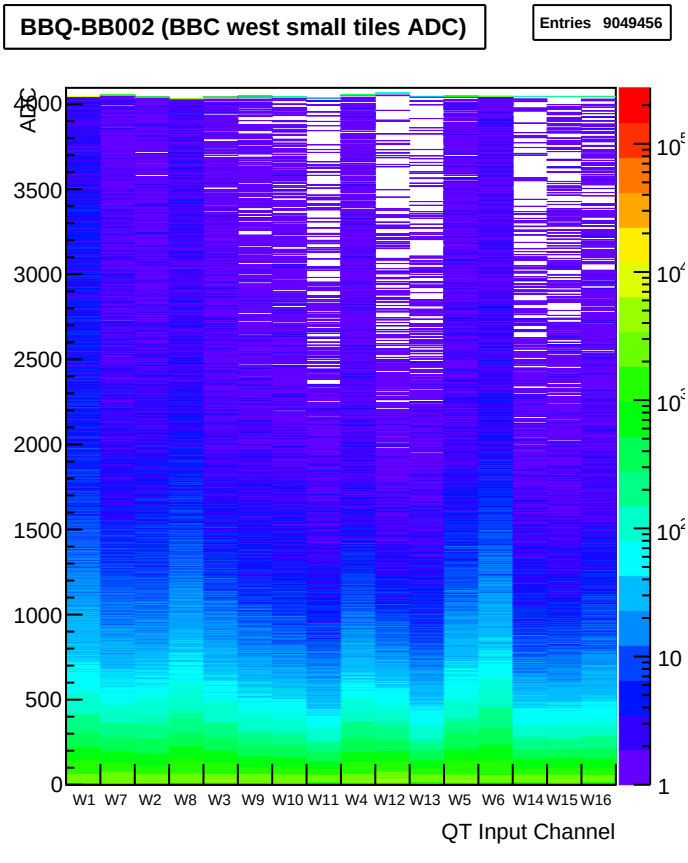

L2-TF201
Entries 0
TOF total mult(Real-Simu)

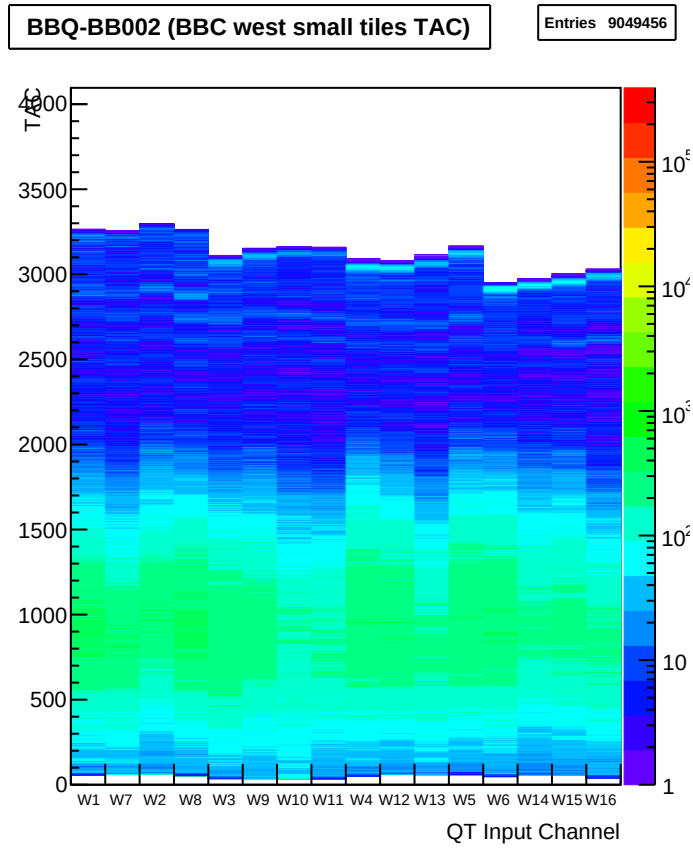

L2-TF201
Entries 3959137
Threshold/UPC bits
520995
524505
521295
525571
522033
519451
551439
44596
41086
44296
40020
43558
46140
14152
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

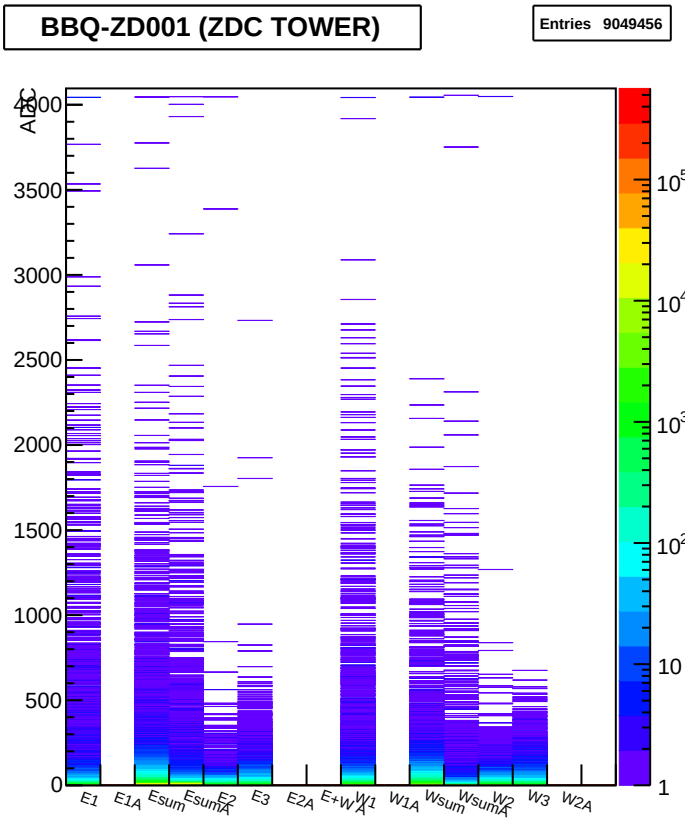

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

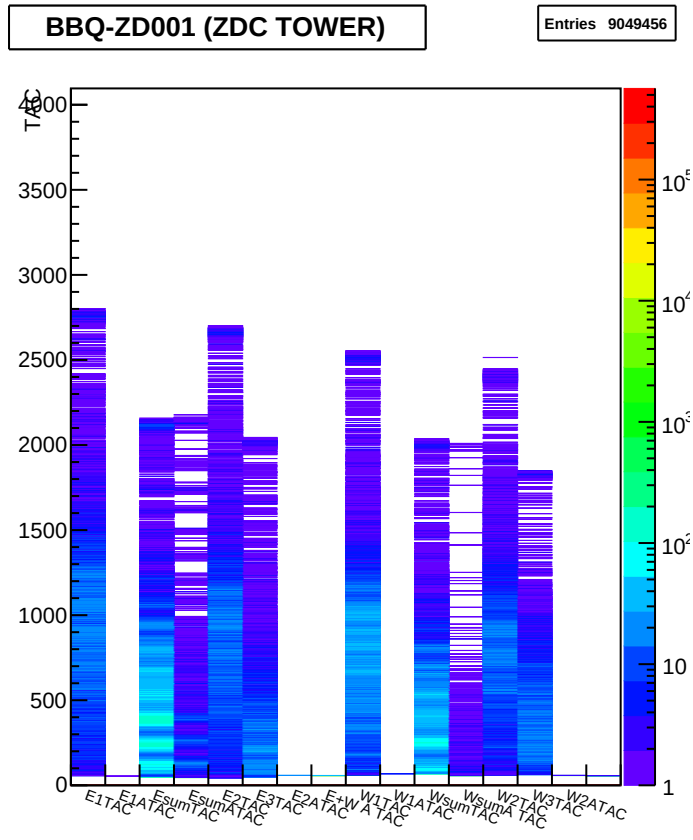

BBQ-BB001 (BBC east small tiles ADC)
Entries 9049456
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

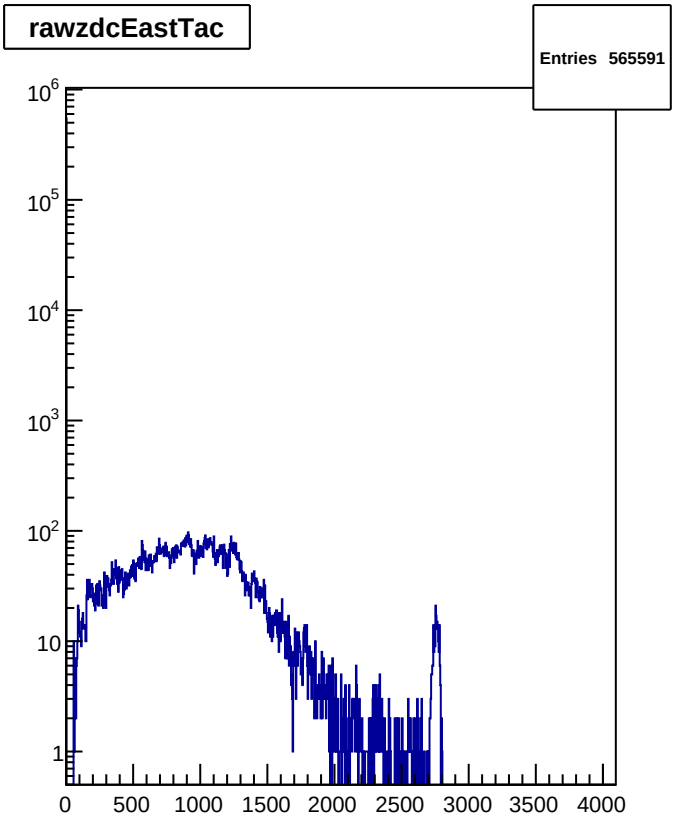

BBQ-BB001 (BBC east small tiles TAC)
Entries 9049456
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

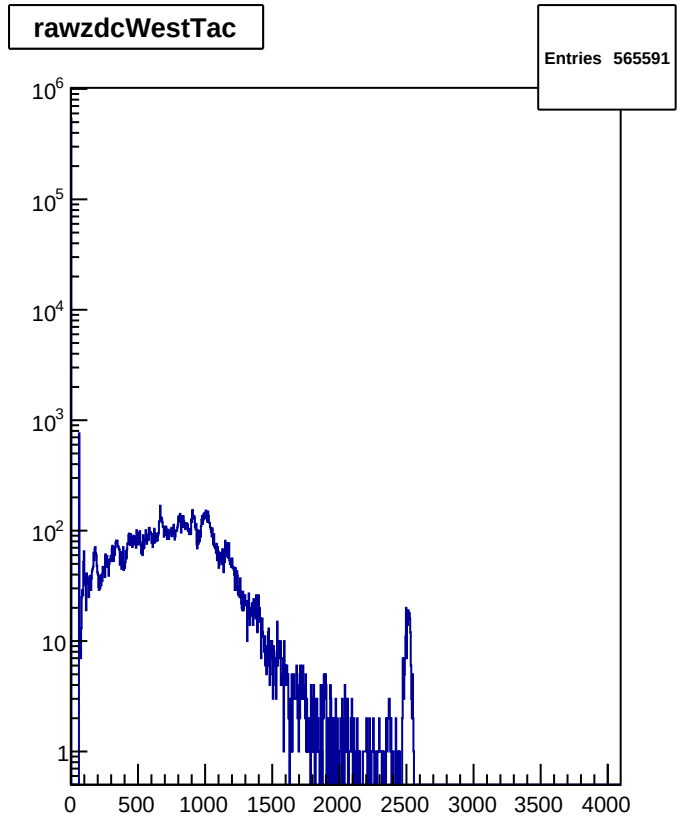

BBQ-BB002 (BBC west small tiles ADC)
Entries 9049456
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

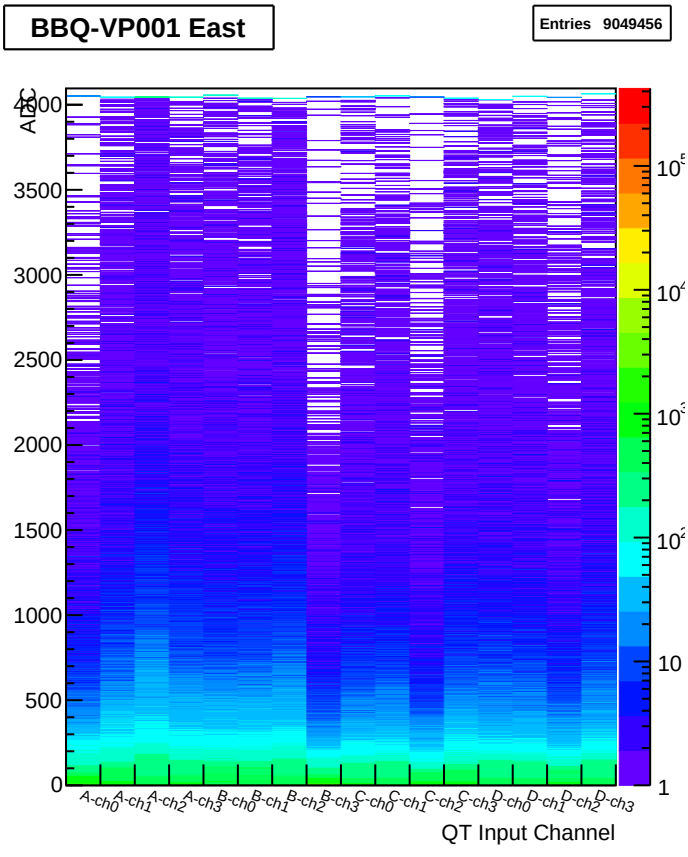

BBQ-BB002 (BBC west small tiles TAC)
Entries 9049456
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

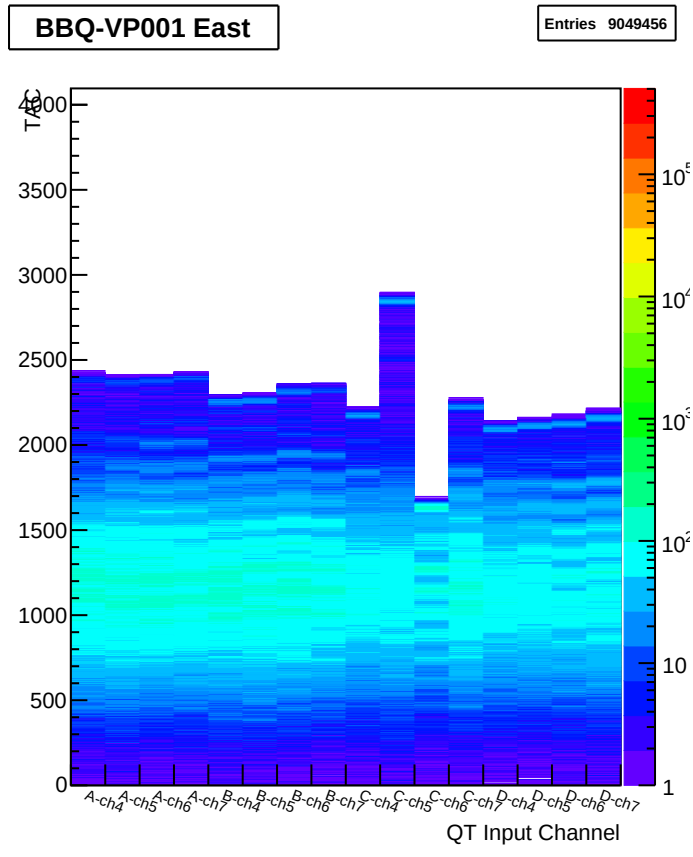

BBQ-ZD001 (ZDC TOWER)
Entries 9049456
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

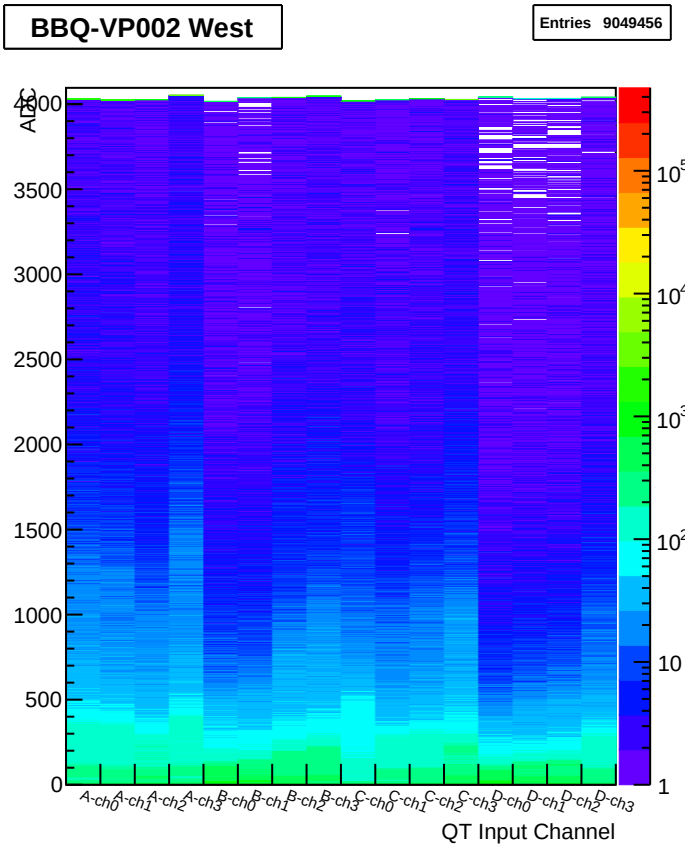

BBQ-ZD001 (ZDC TOWER)
Entries 9049456
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumATAC
W2TAC
W3TAC
W2ATAC

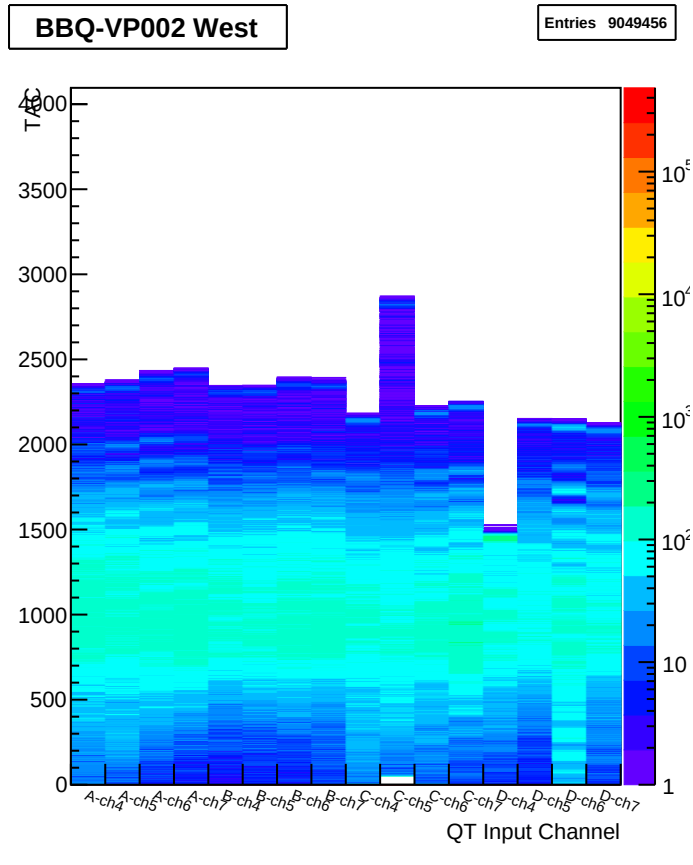

rawzdcEastTac
Entries 565591

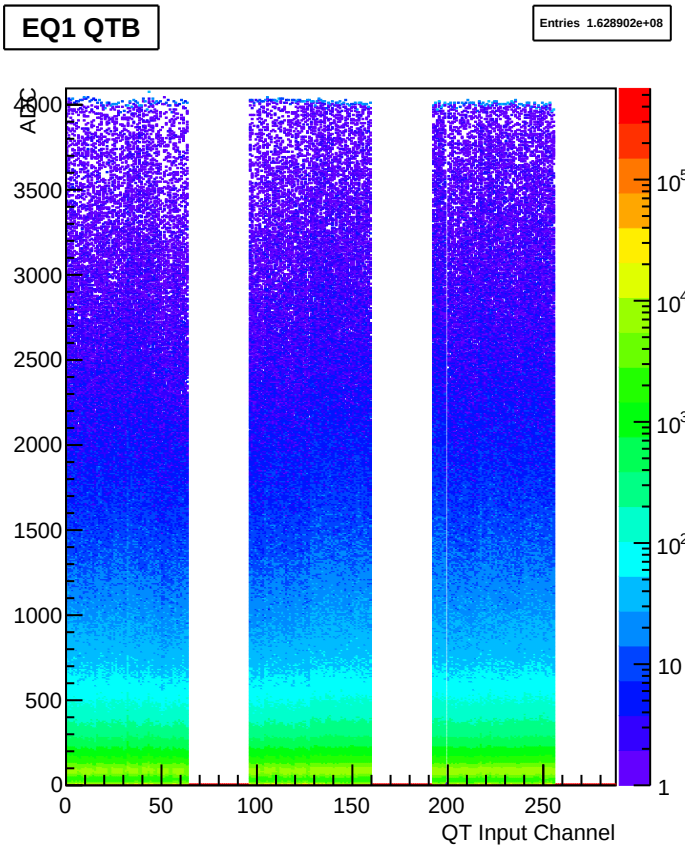

rawzdcWestTac
Entries 565591

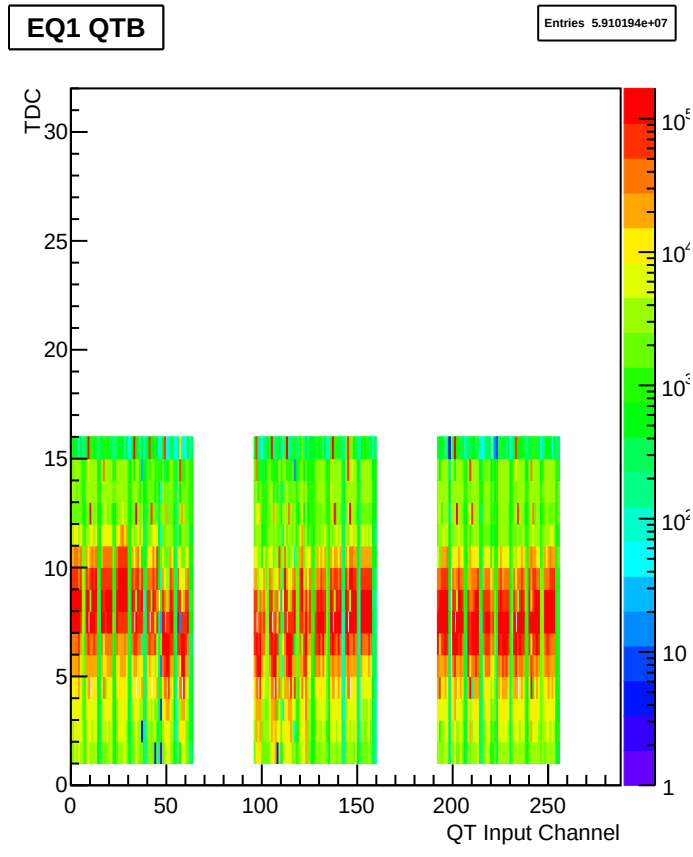

BBQ-VP001 East
Entries 9049456
ADC
QT Input Channel

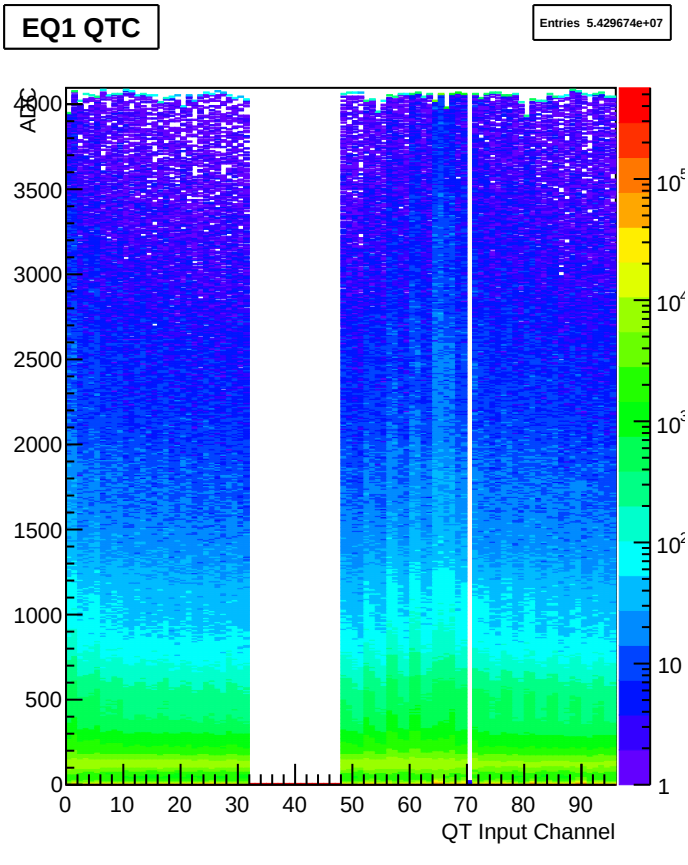

BBQ-VP001 East
Entries 9049456
ADC
QT Input Channel

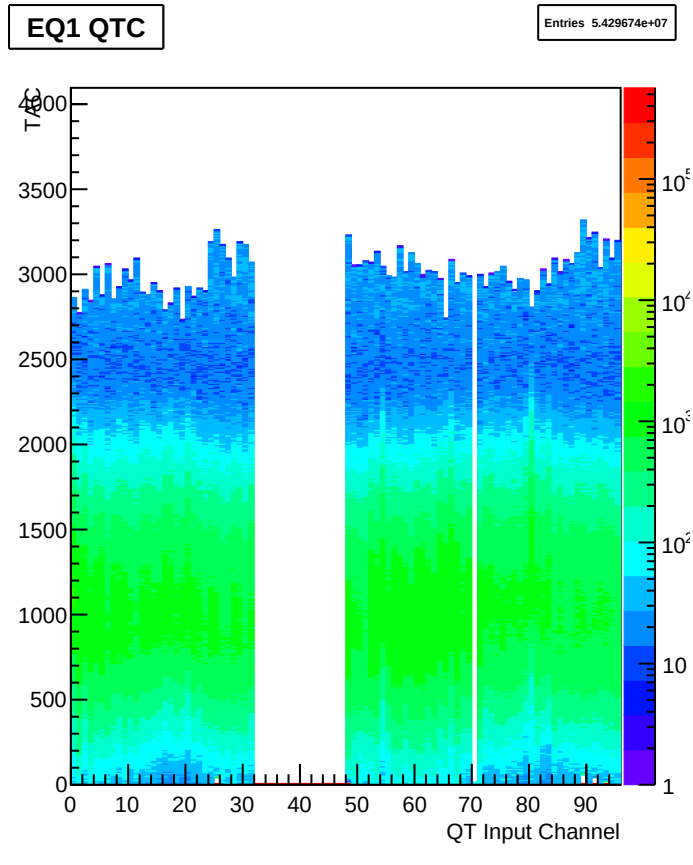

BBQ-VP002 West
Entries 9049456
ADC
QT Input Channel

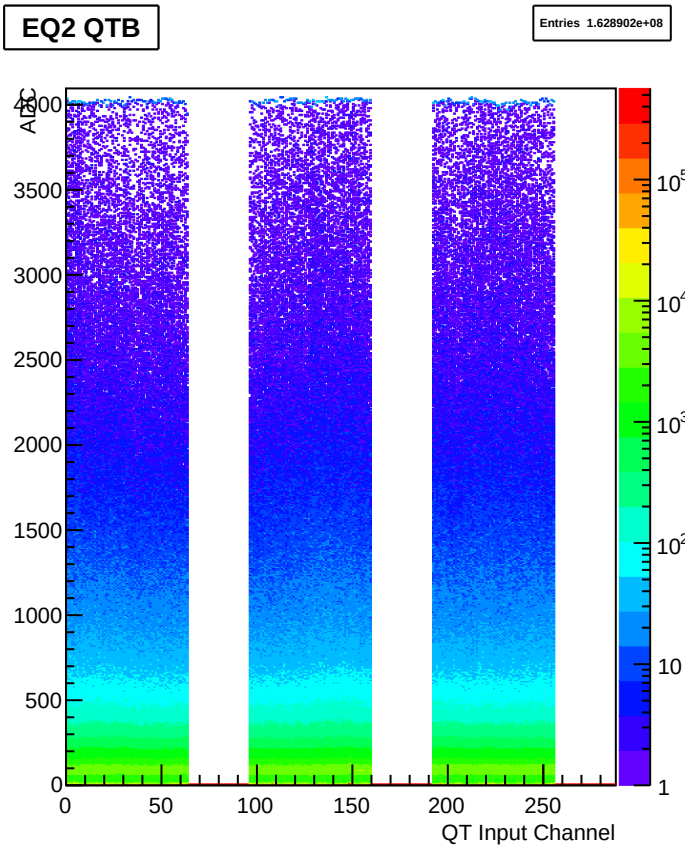

BBQ-VP002 West
Entries 9049456
ADC
QT Input Channel

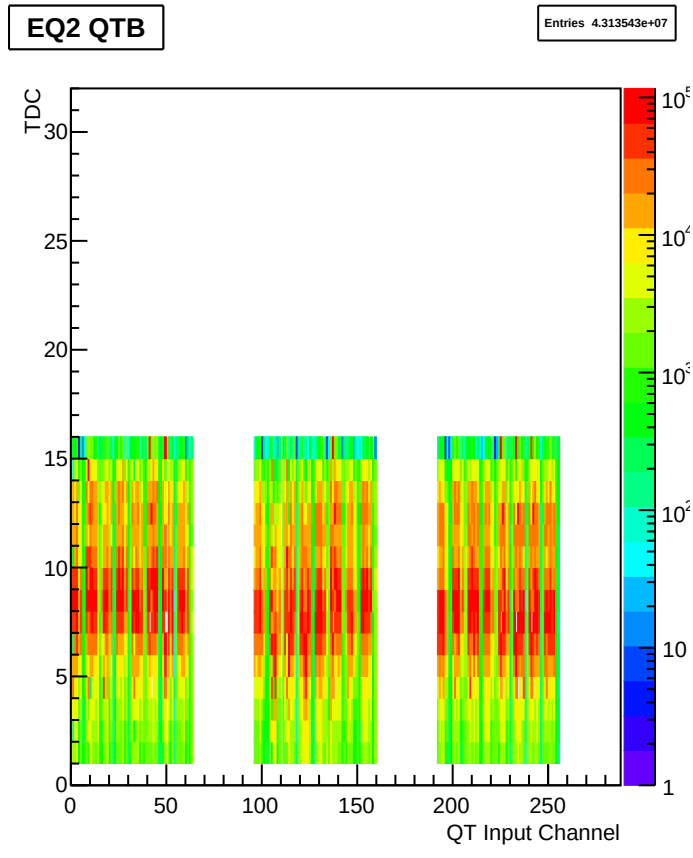

EQ1 QTB
Entries 1.628902e+08
ADC
QT Input Channel

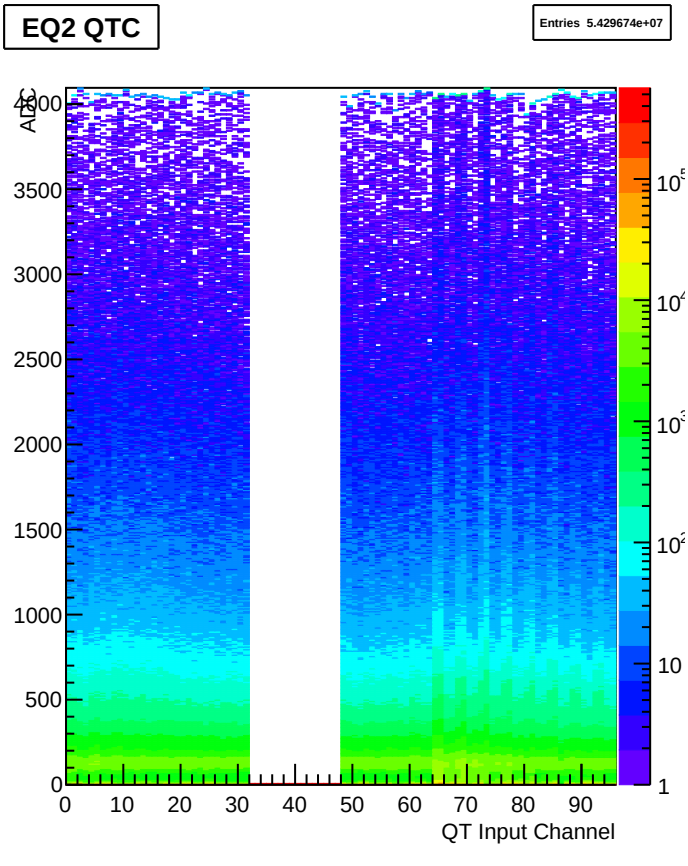

EQ1 QTB
Entries 5.910194e+07
TDC
QT Input Channel

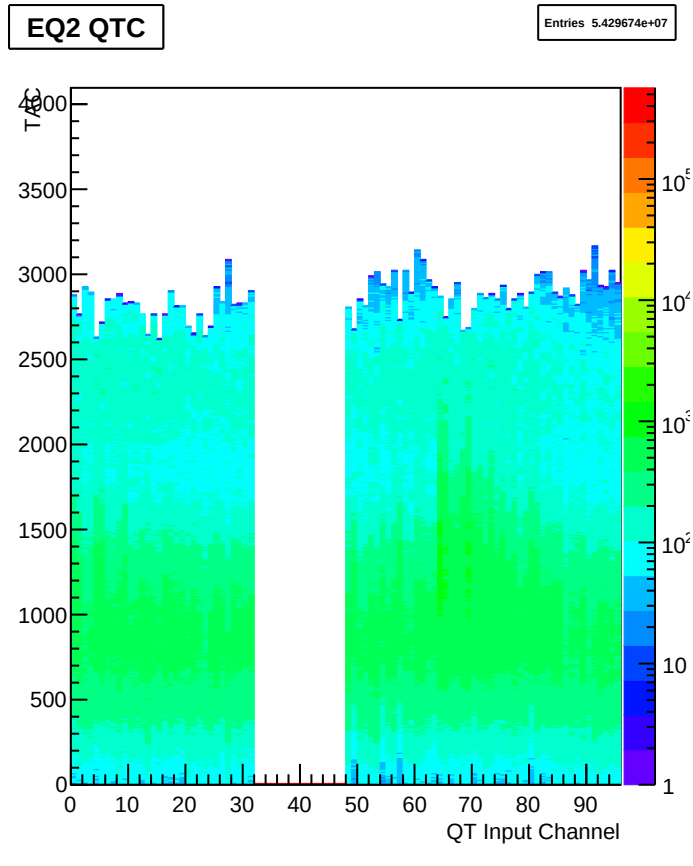

EQ1 QTC
Entries 5.429674e+07
ADC
QT Input Channel

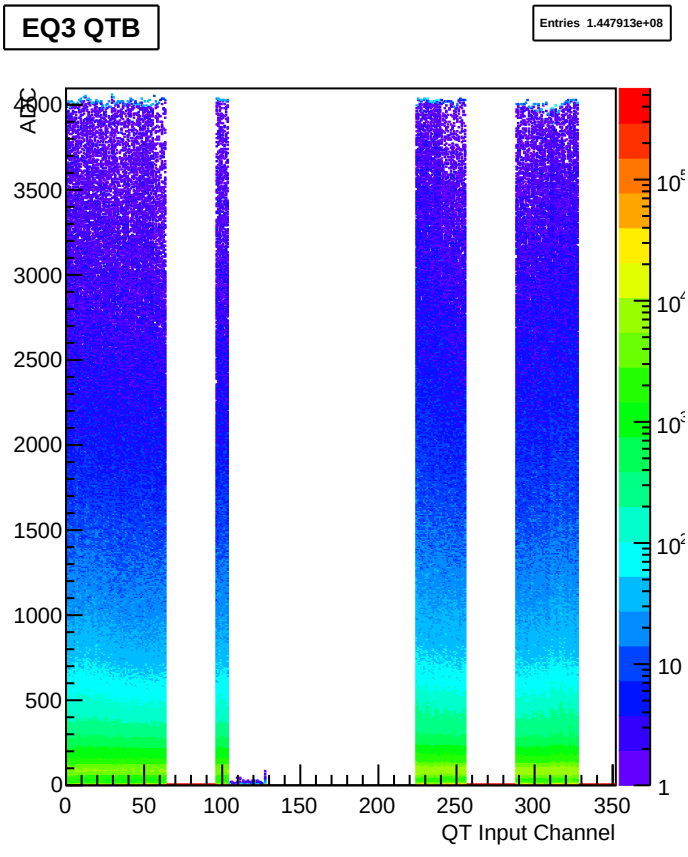

EQ1 QTC
Entries 5.429674e+07
TADC
QT Input Channel

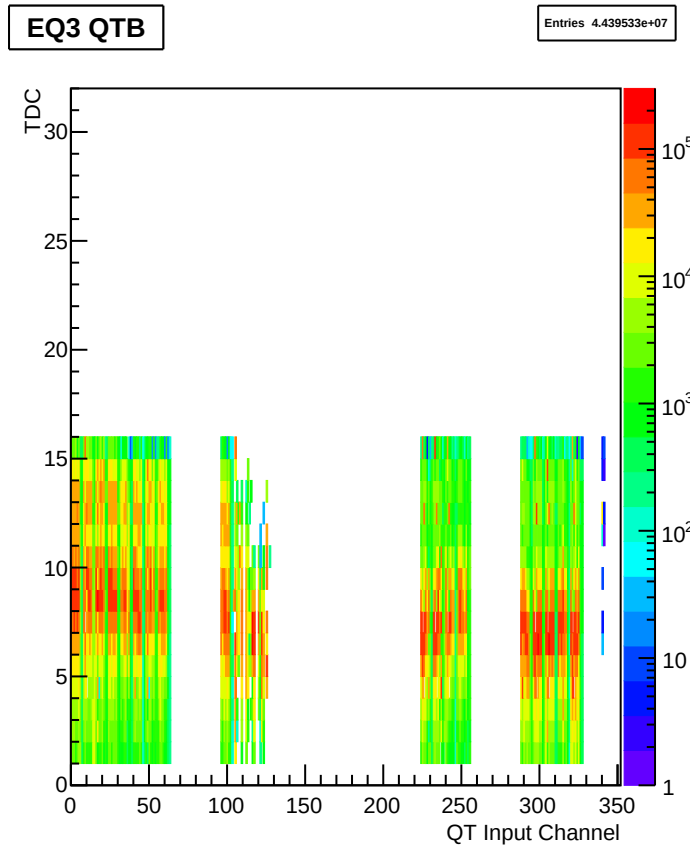

EQ2 QTB
Entries 1.628902e+08
ADC
QT Input Channel

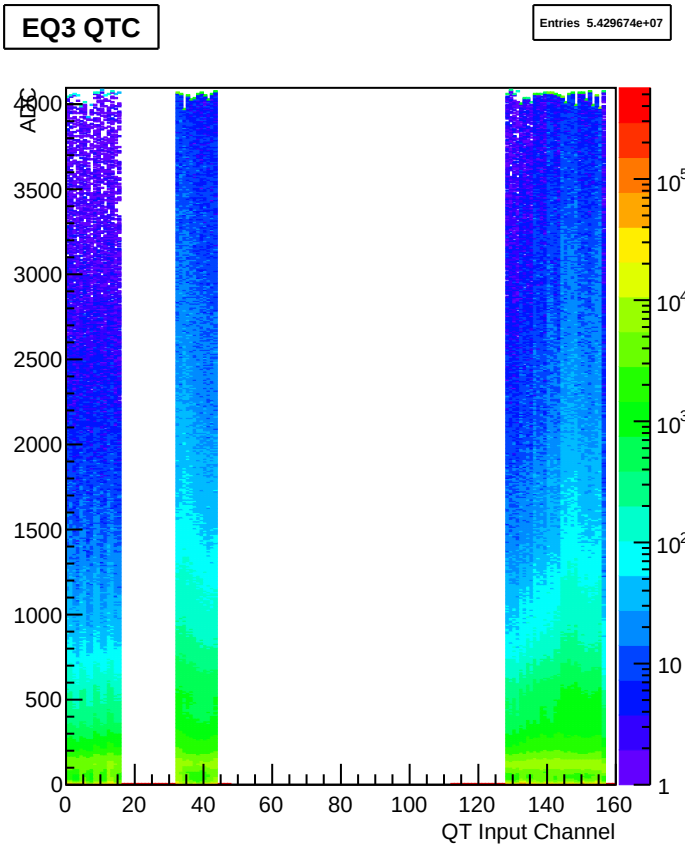

EQ2 QTB
Entries 4.313543e+07
TDC
QT Input Channel

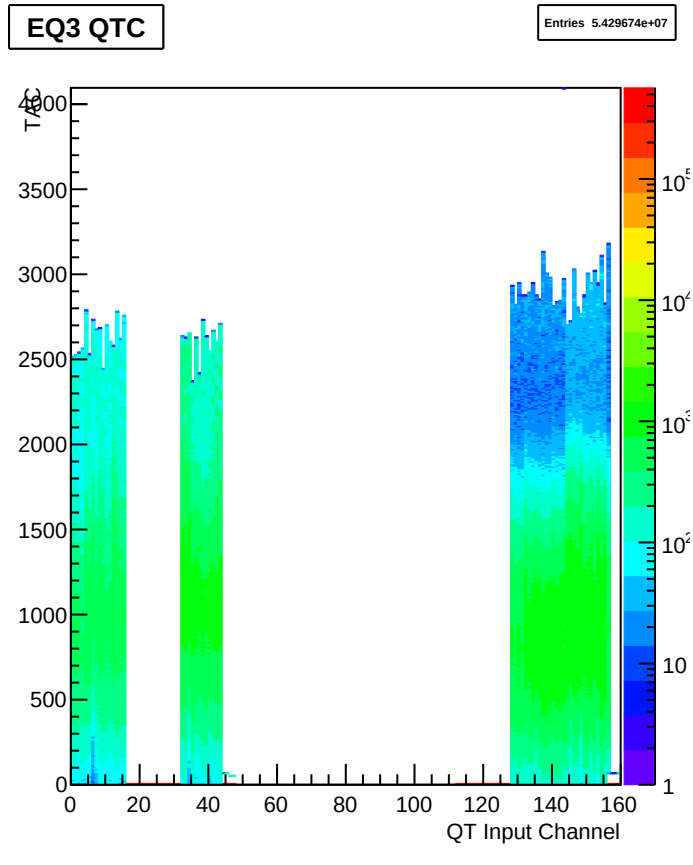

EQ2 QTC
Entries 5.429674e+07
ADC
QT Input Channel

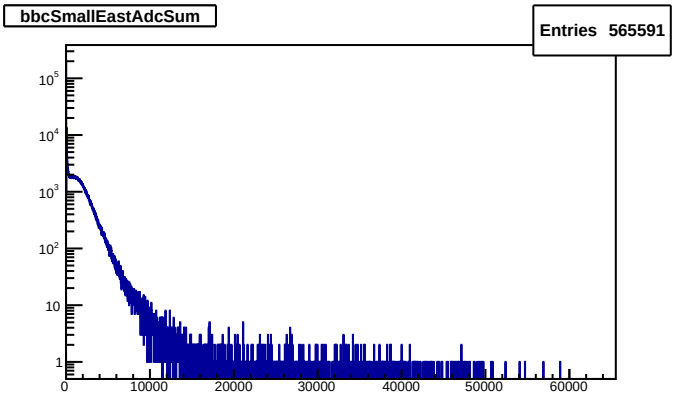

EQ2 QTC
Entries 5.429674e+07
TADC
QT Input Channel

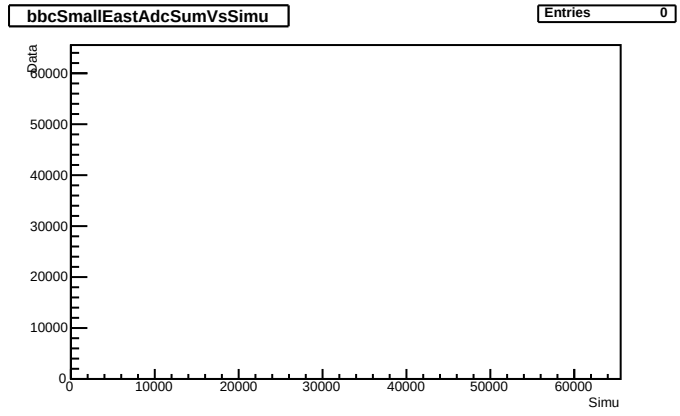

EQ3 QTB
Entries 1.447913e+08
ADC
QT Input Channel

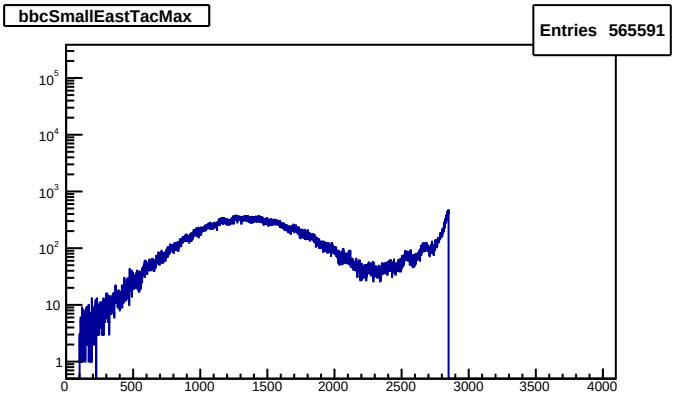

EQ3 QTB
Entries 4.439533e+07
TDC
QT Input Channel

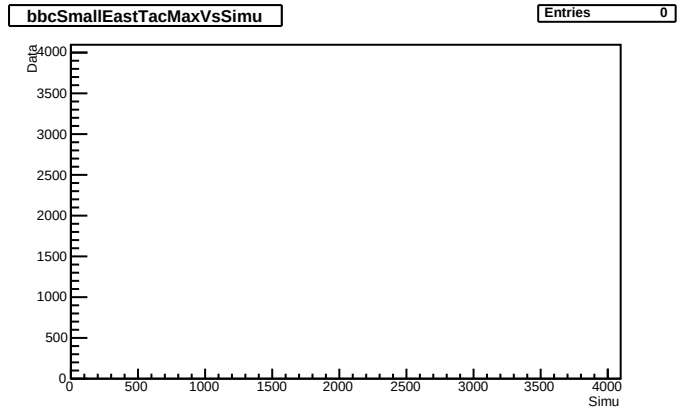

EQ3 QTC
Entries 5.429674e+07
ADC
QT Input Channel

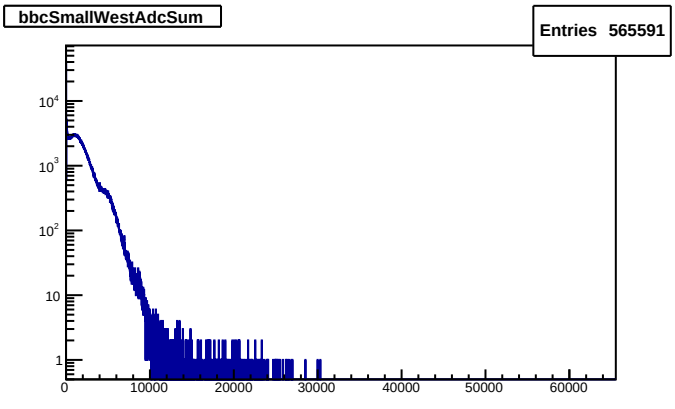

EQ3 QTC
Entries 5.429674e+07
TADC
QT Input Channel

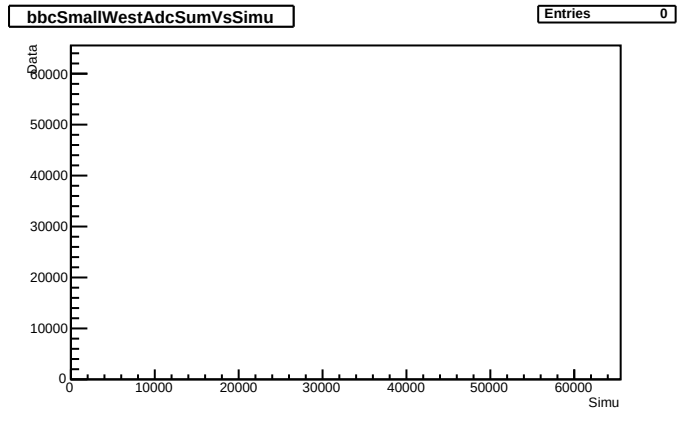

bbcSmallEastAdcSum
Entries 565591

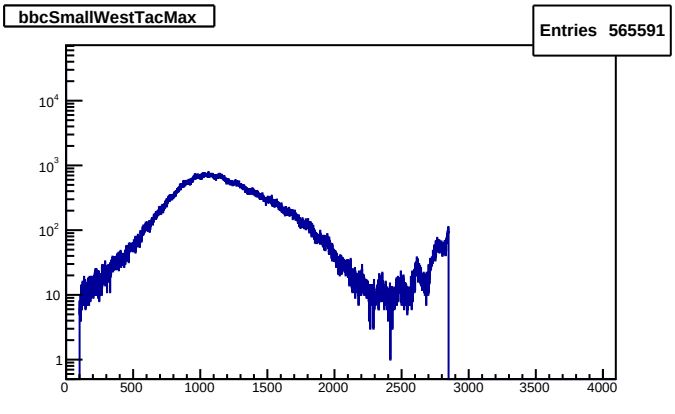

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

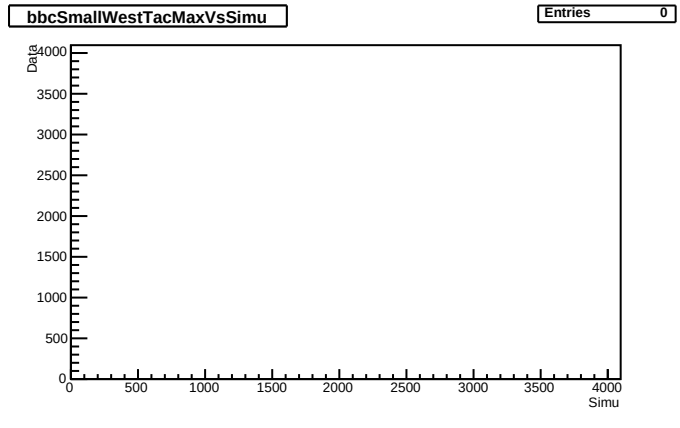

bbcSmallEastTacMax
Entries 565591

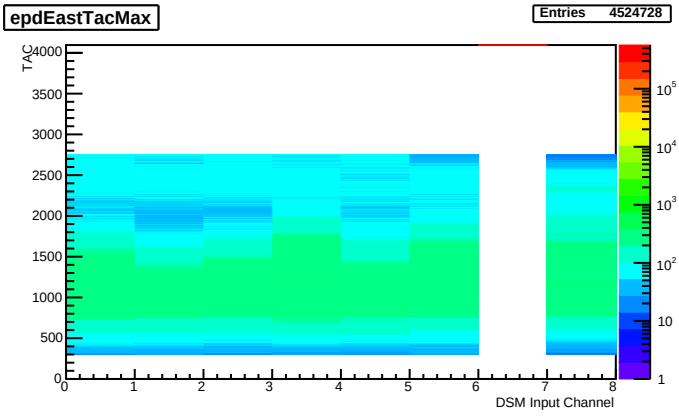

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

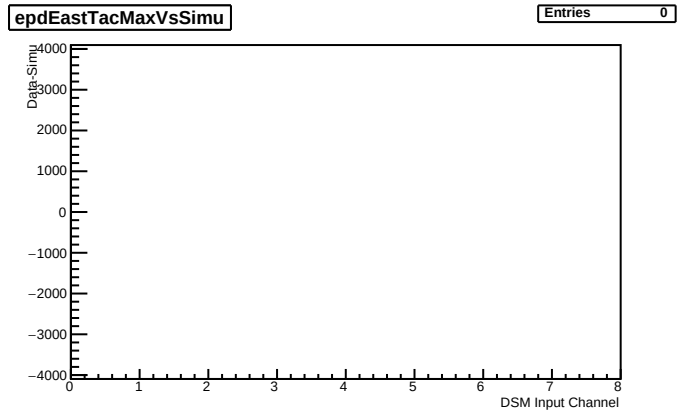

bbcSmallWestAdcSum
Entries 565591

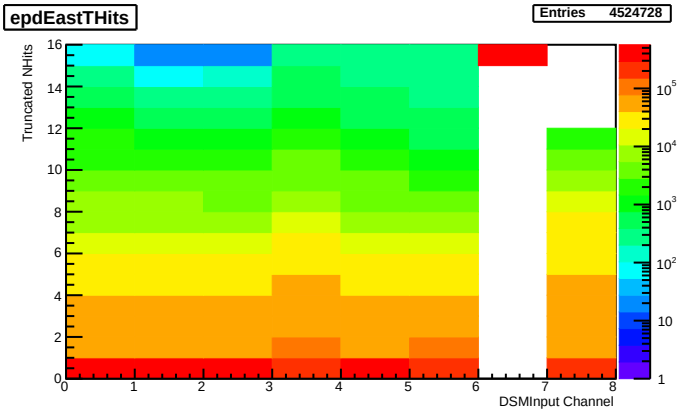

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

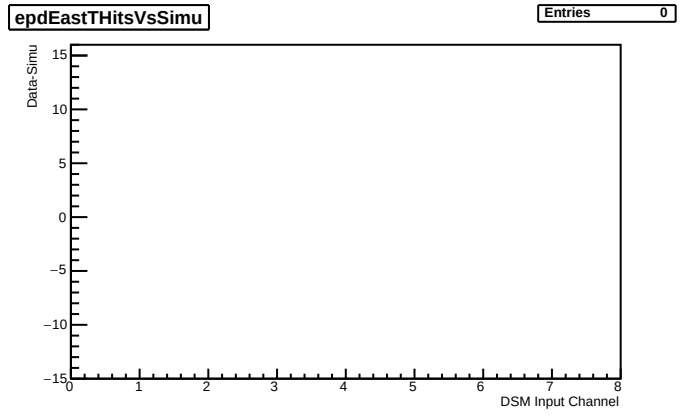

bbcSmallWestTacMax
Entries 565591

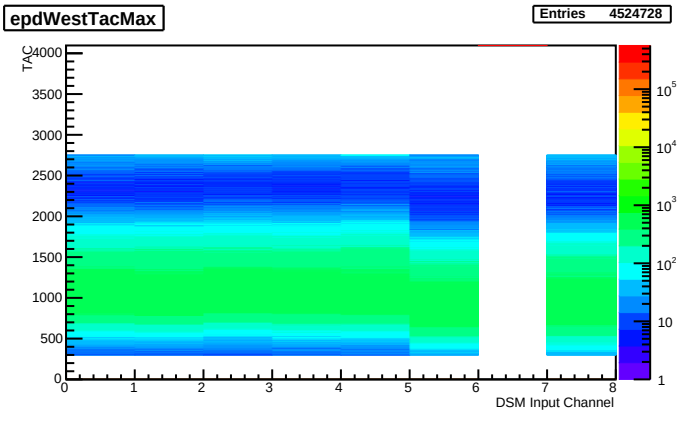

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

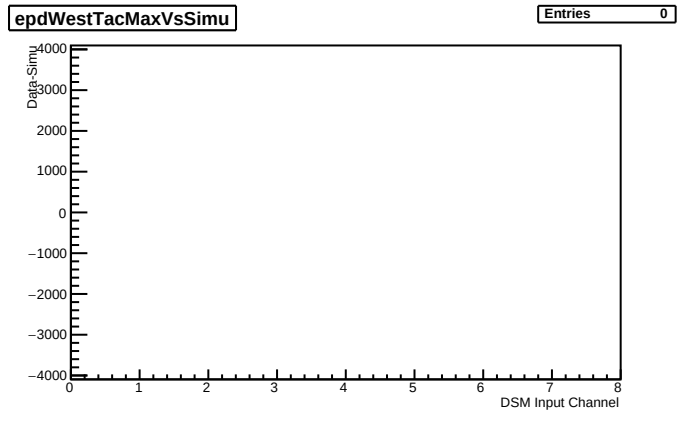

epdEastTacMax
Entries 4524728
TAC
DSM Input Channel

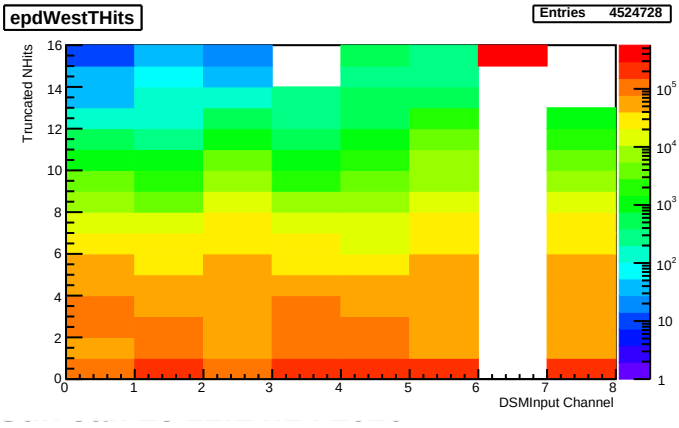

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

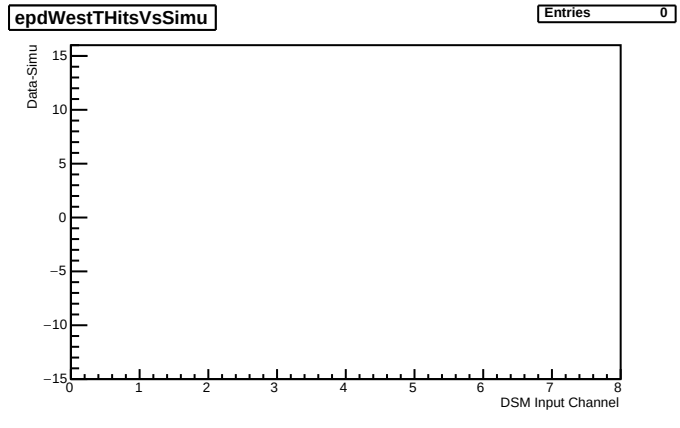

epdEastTHits
Entries 4524728
Truncated NHits
DSMInput Channel

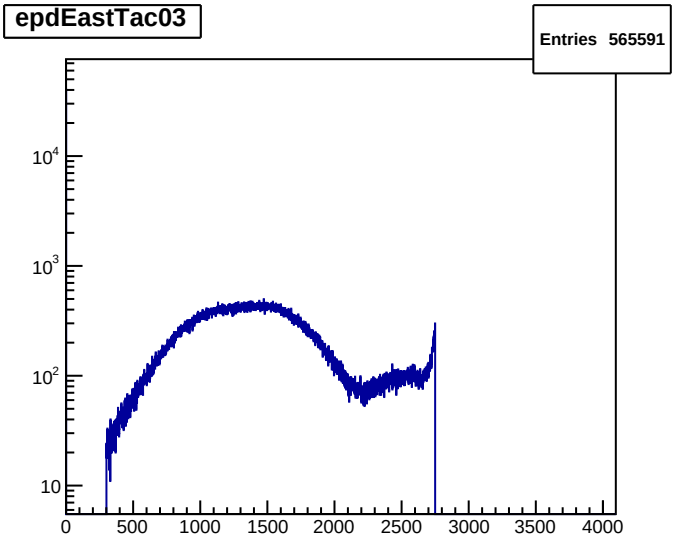

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

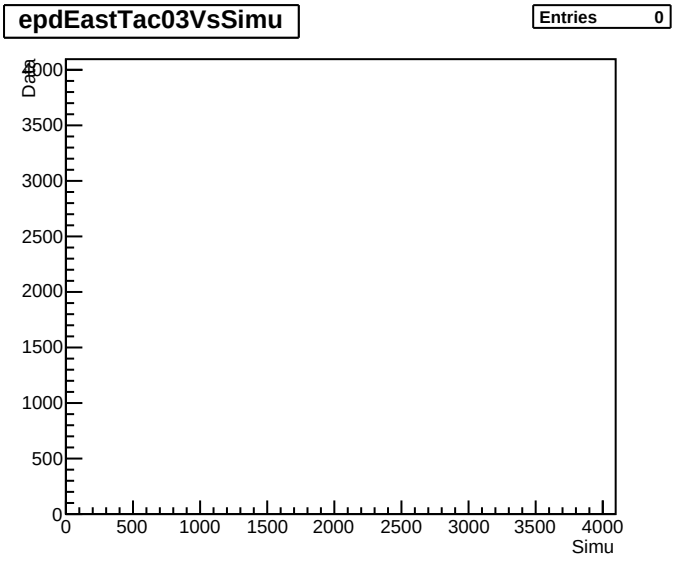

epdWestTacMax
Entries 4524728
TAC
DSM Input Channel

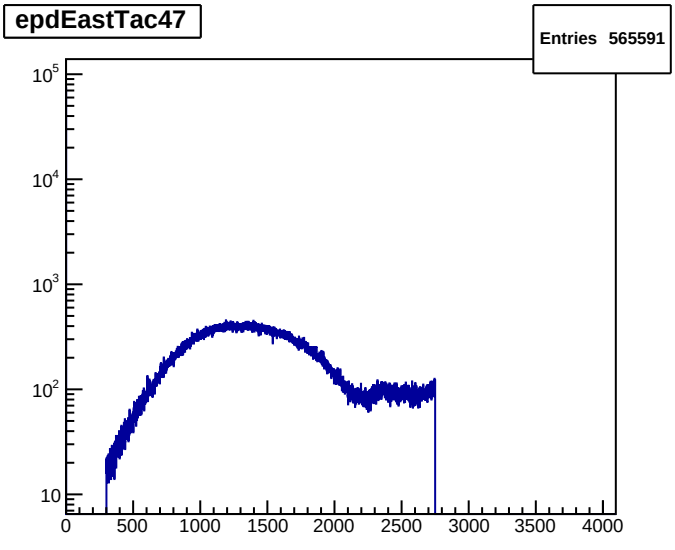

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

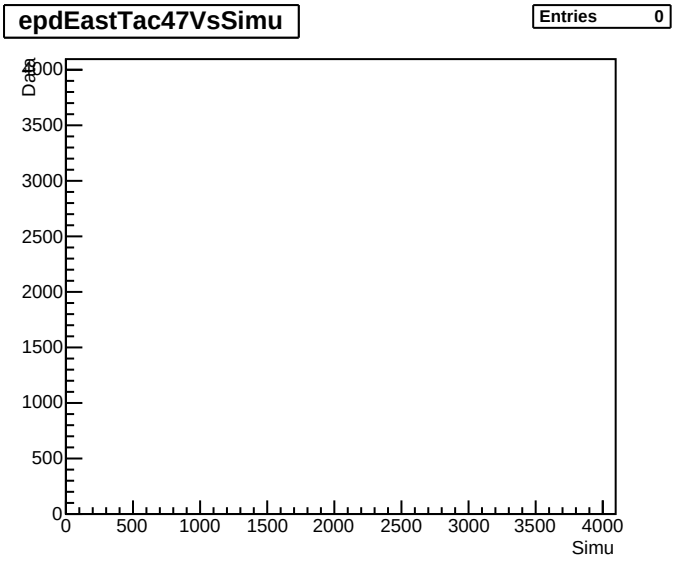

epdWestTHits
Entries 4524728
Truncated NHits
DSMInput Channel

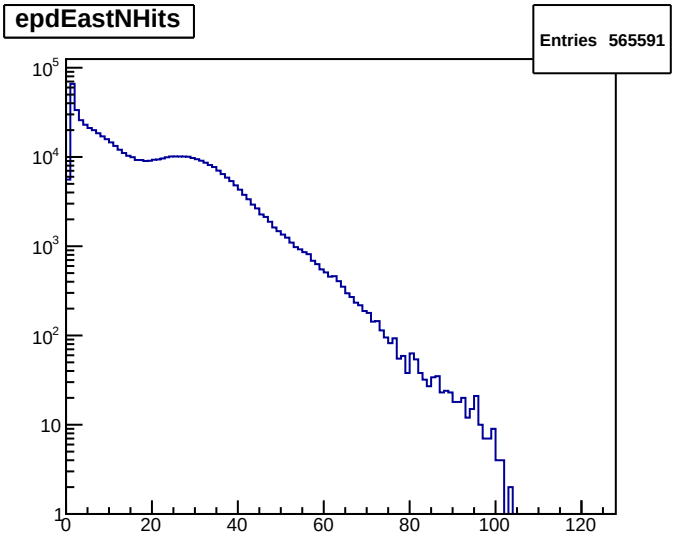

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

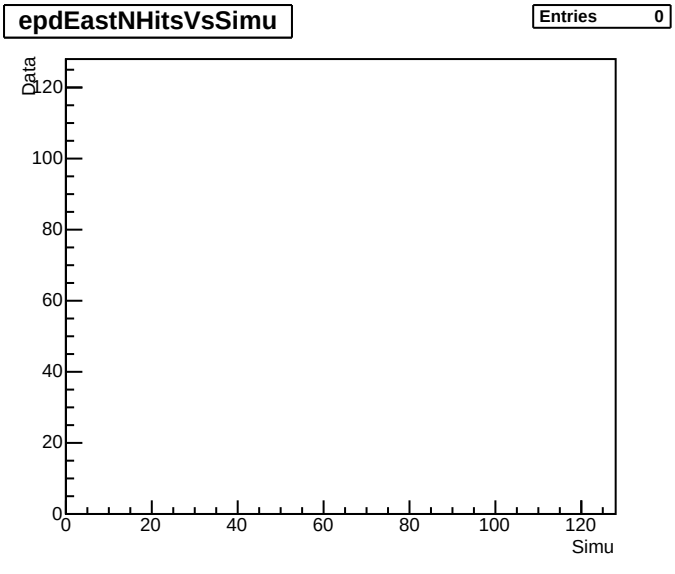

epdEastTac03
Entries 565591

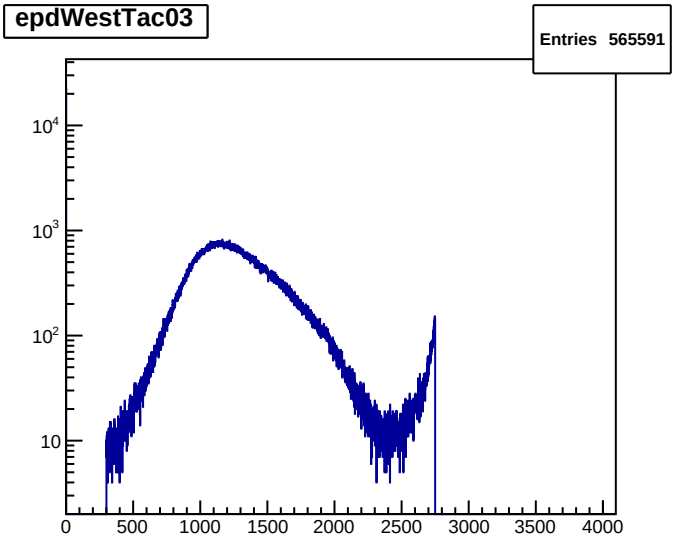

epdEastTac03VsSimu
Entries 0
Data
Simu

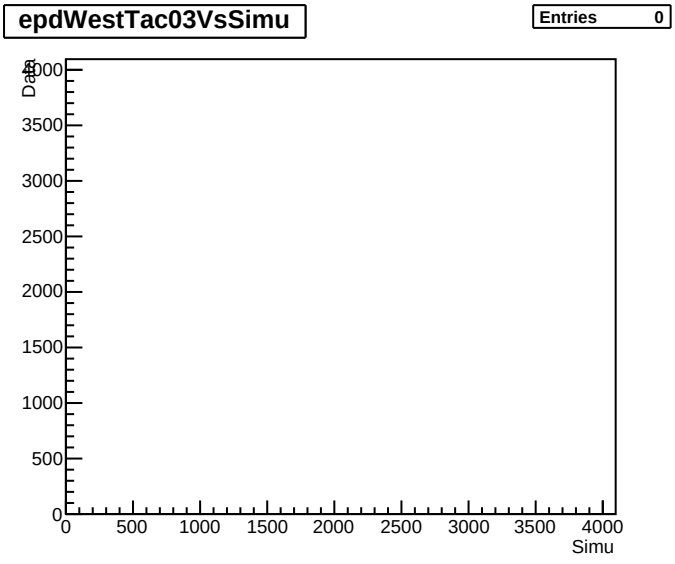

epdEastTac47
Entries 565591

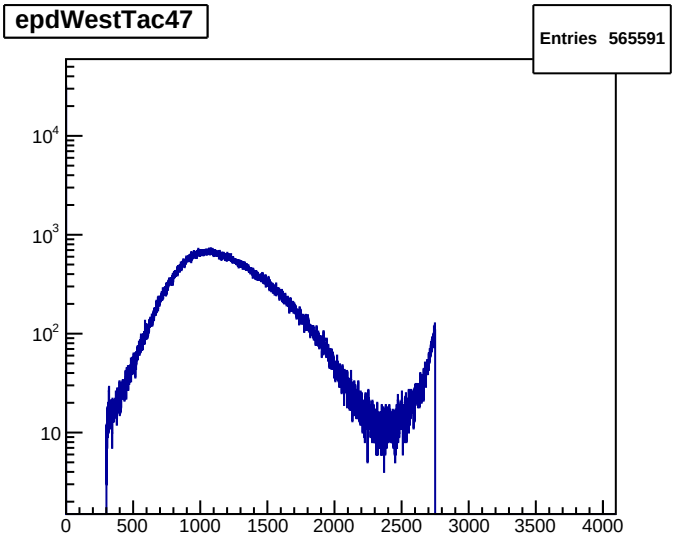

epdEastTac47VsSimu
Entries 0
Data
Simu

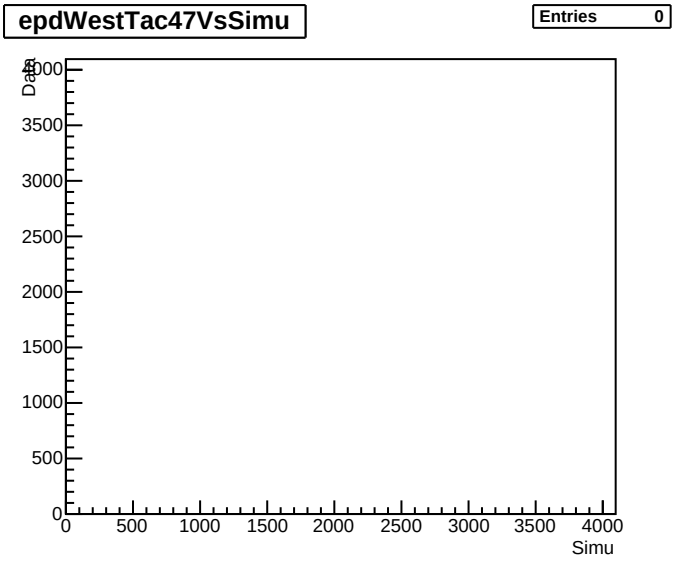

epdEastNHits
Entries 565591

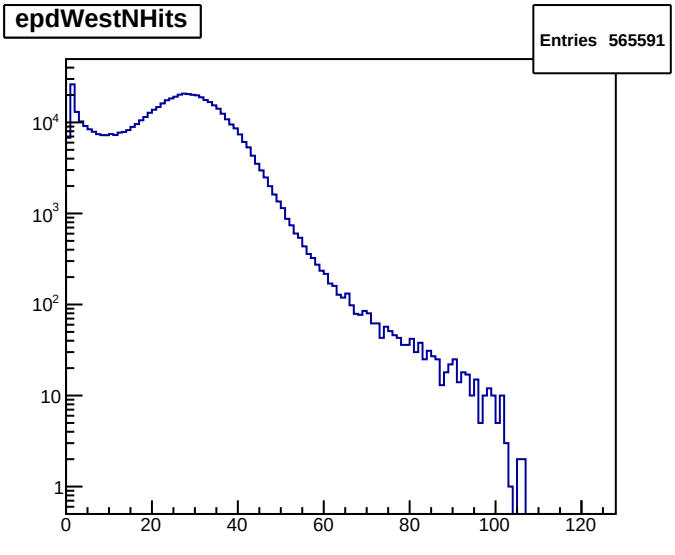

epdEastNHitsVsSimu
Entries 0
Data
Simu

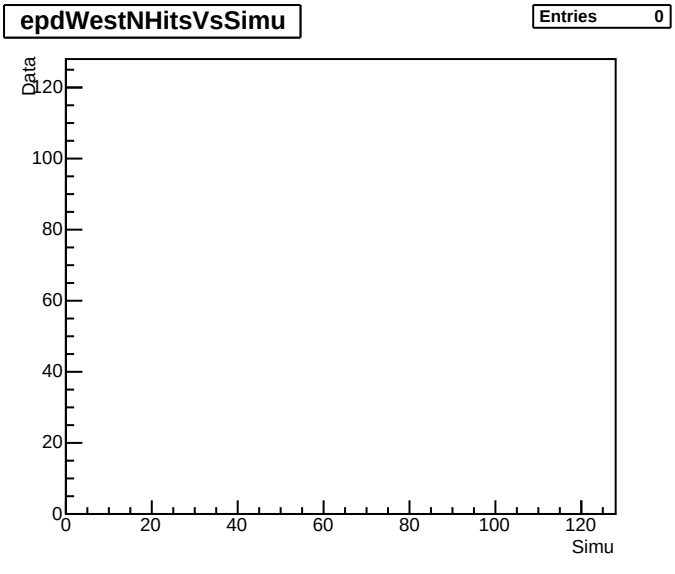

epdWestTac03
Entries 565591

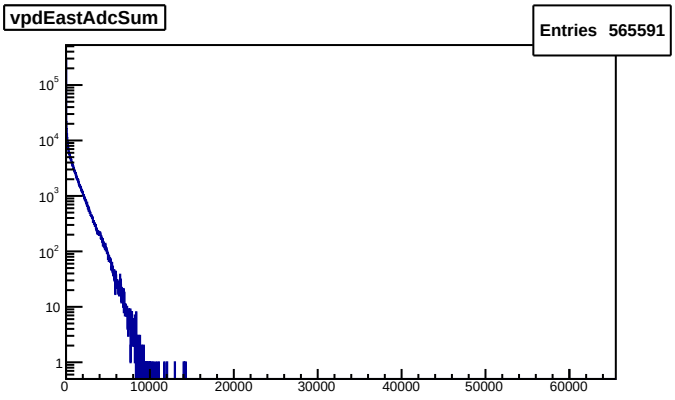

epdWestTac03VsSimu
Entries 0
Data
Simu

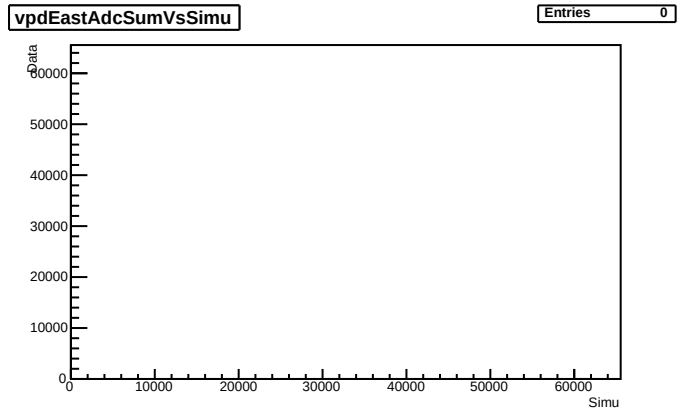

epdWestTac47
Entries 565591

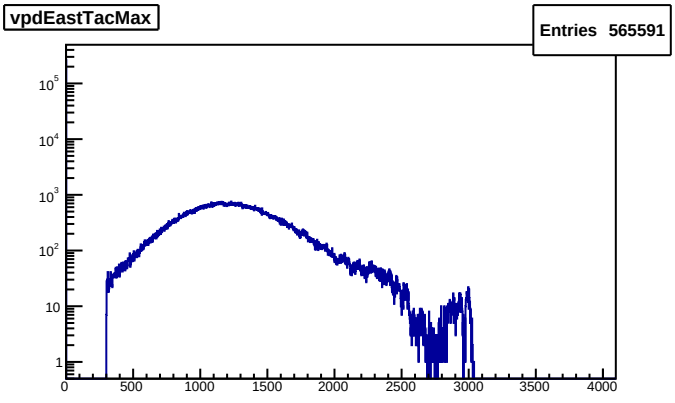

epdWestTac47VsSimu
Entries 0
Data
Simu

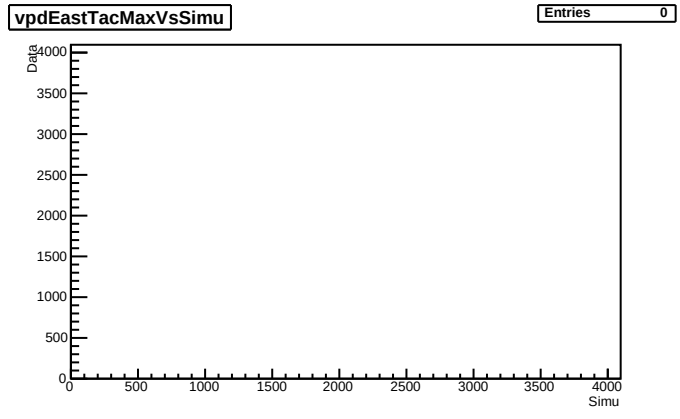

epdWestNHits
Entries 565591

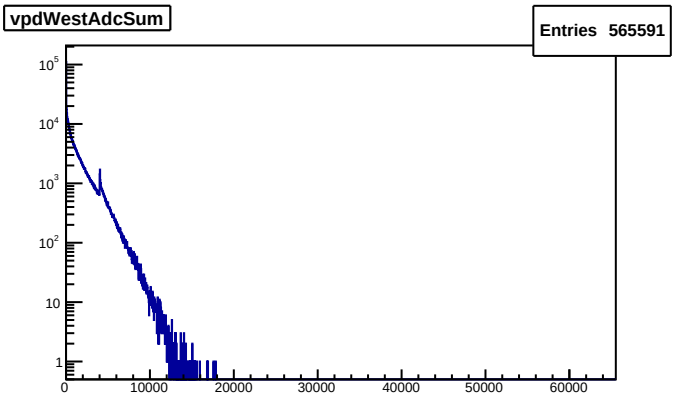

epdWestNHitsVsSimu
Entries 0
Data
Simu

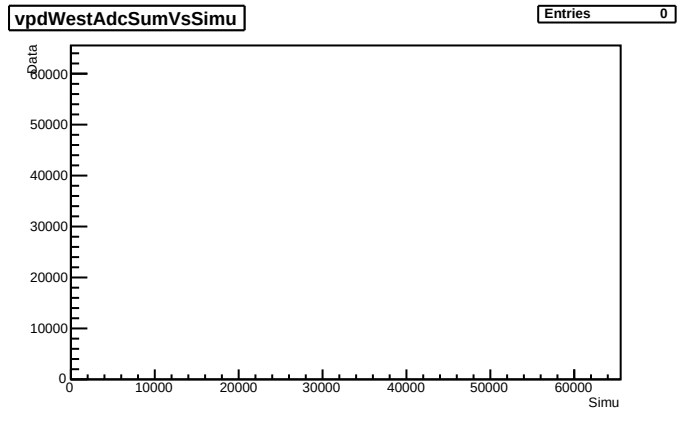

vpdEastAdcSum
Entries 565591

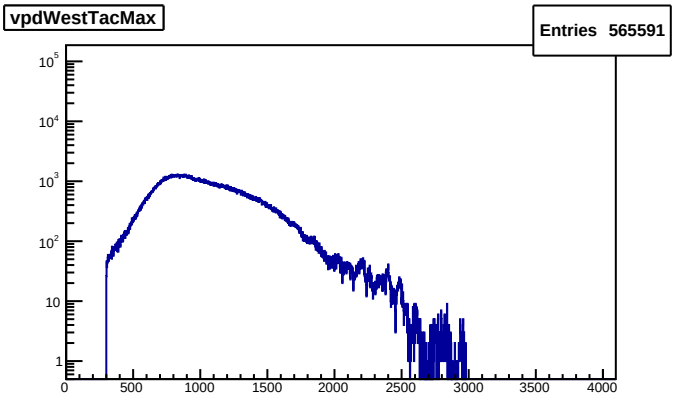

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

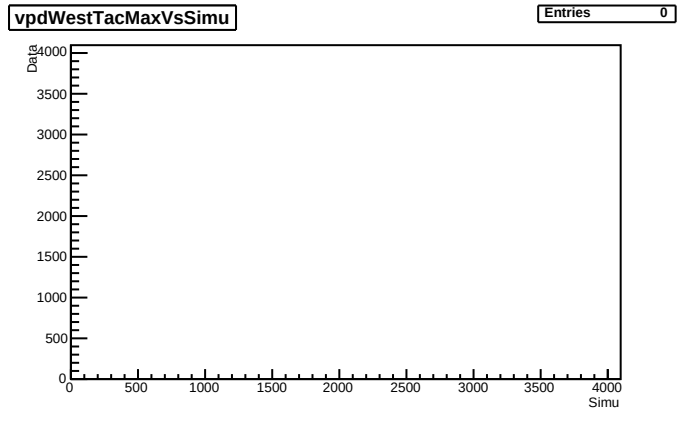

vpdEastTacMax
Entries 565591

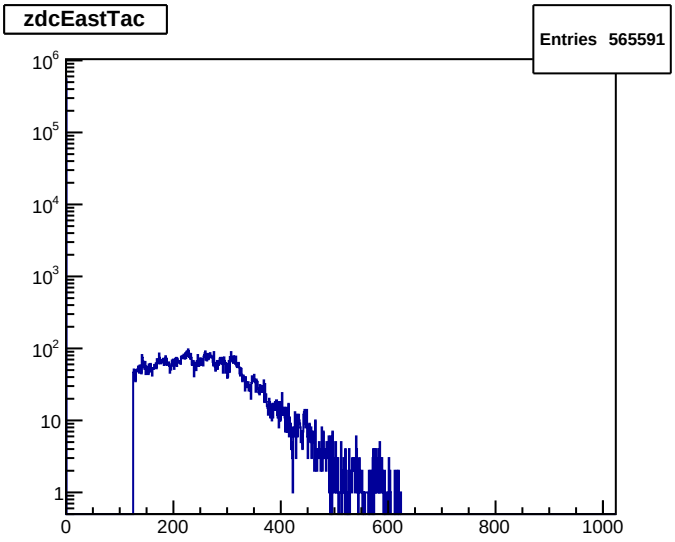

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

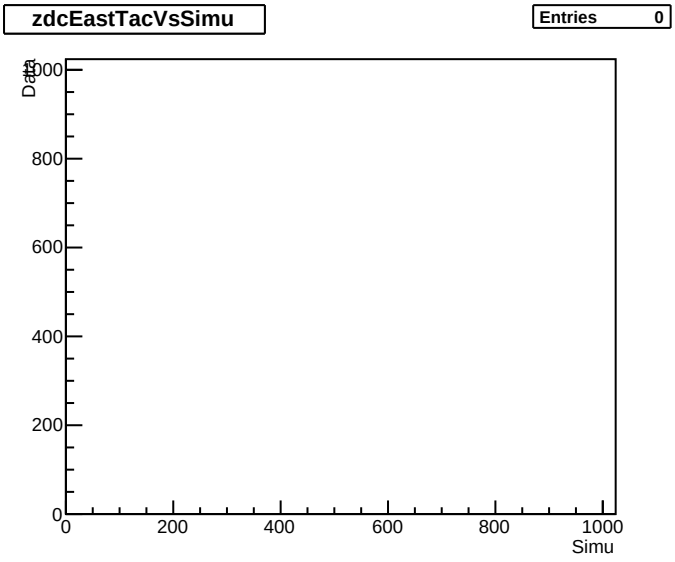

vpdWestAdcSum
Entries 565591

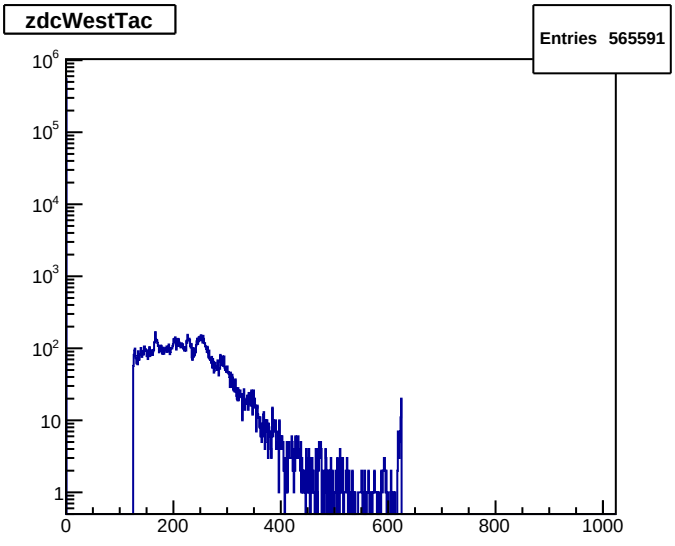

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

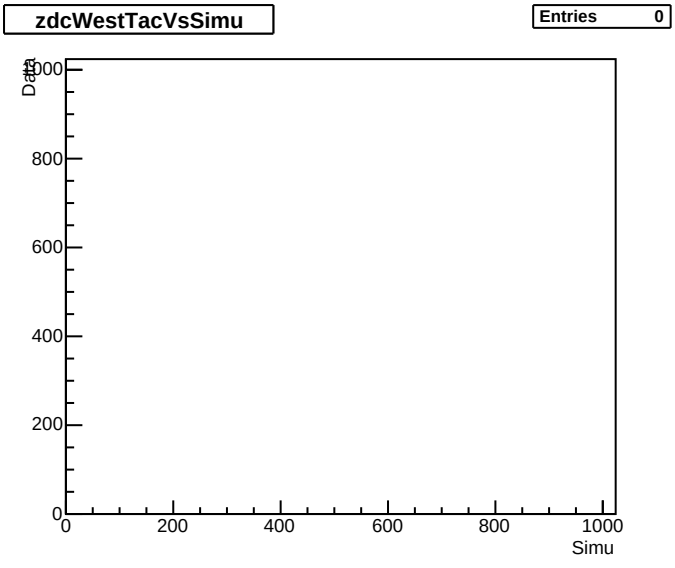

vpdWestTacMax
Entries 565591

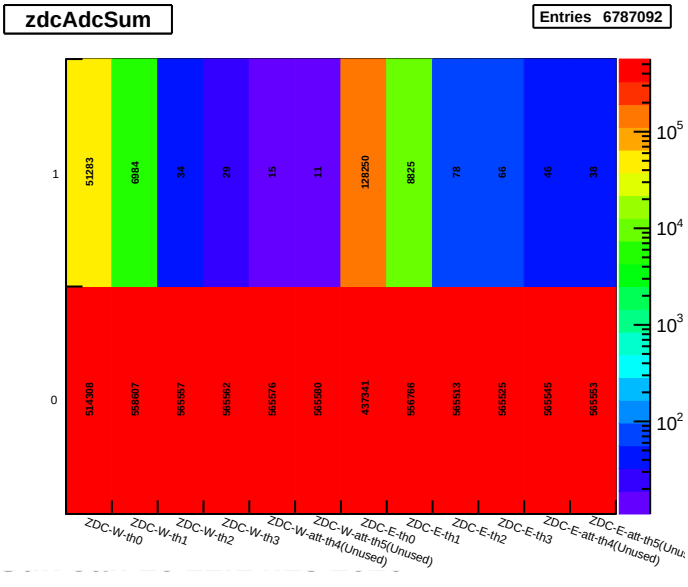

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

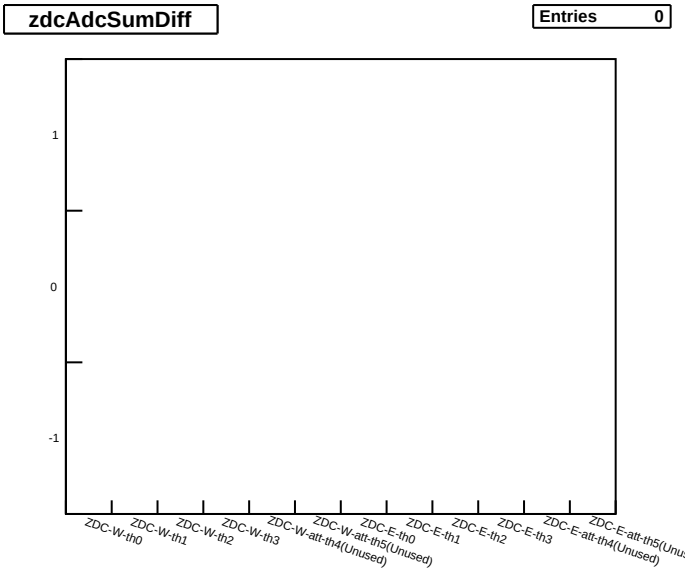

zdcEastTac
Entries 565591

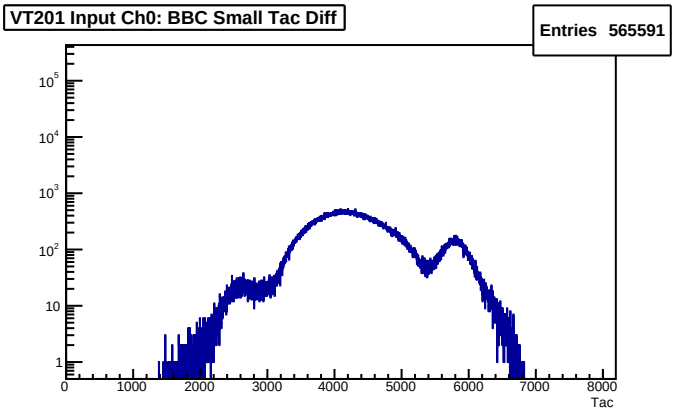

zdcEastTacVsSimu
Entries 0
Data
Simu

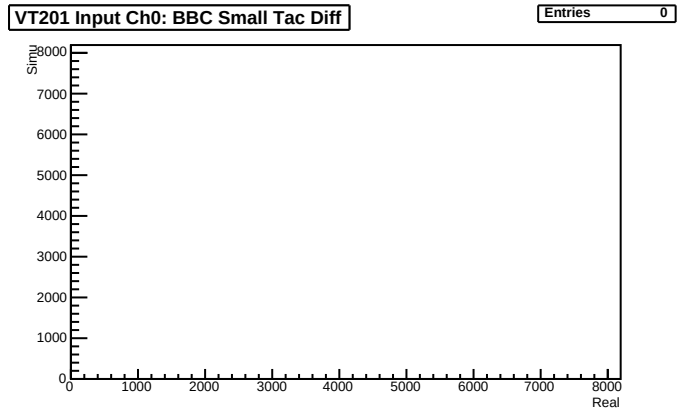

zdcWestTac
Entries 565591

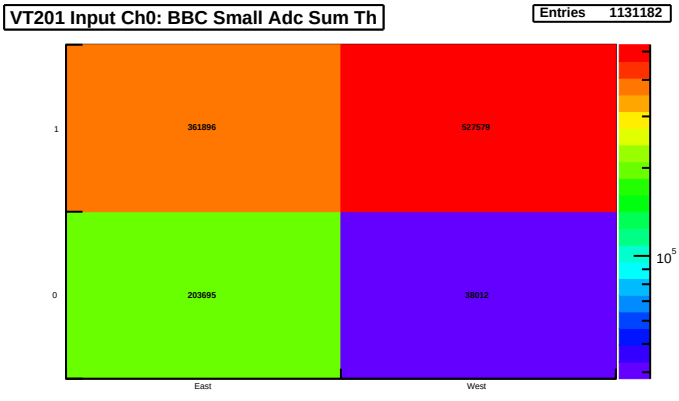

zdcWestTacVsSimu
Entries 0
Data
Simu

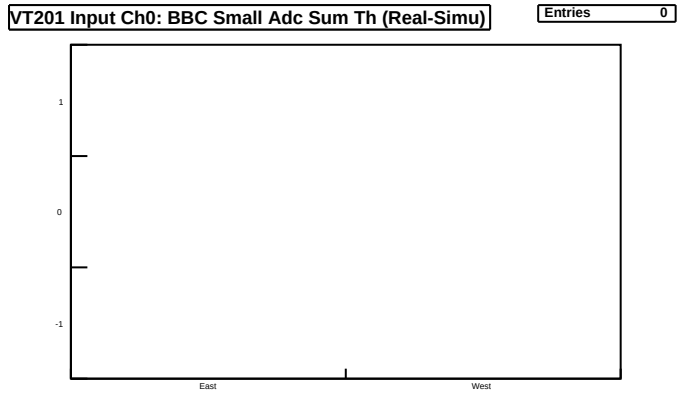

zdcAdcSum
Entries 6787092
51283
6984
34
29
15
11
128250
8825
78
66
46
38
514308
558607
565557
565562
565576
565580
437341
556766
565513
565525
565545
565553
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

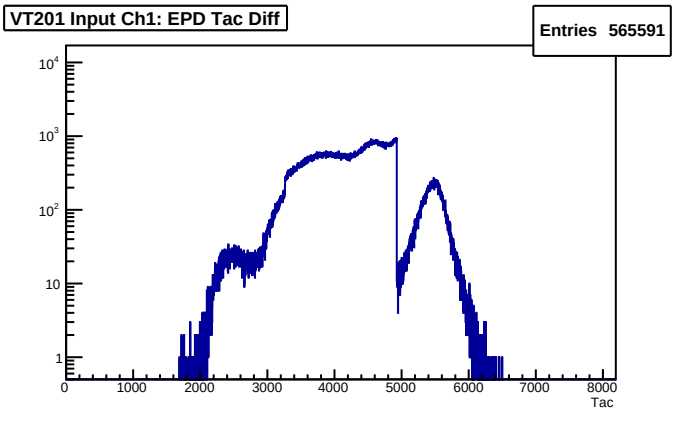

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

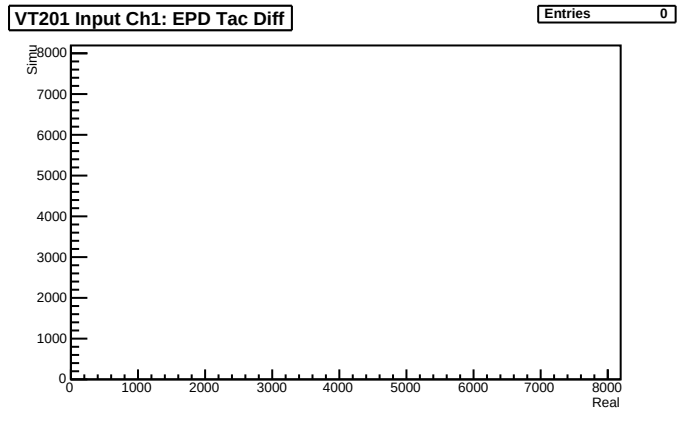

VT201 Input Ch0: BBC Small Tac Diff
Entries 565591
Tac

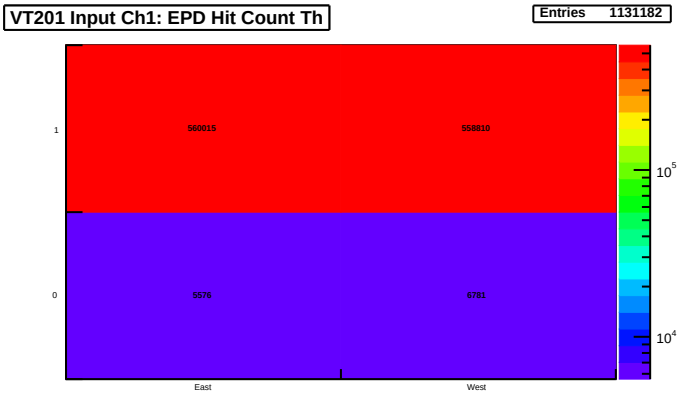

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

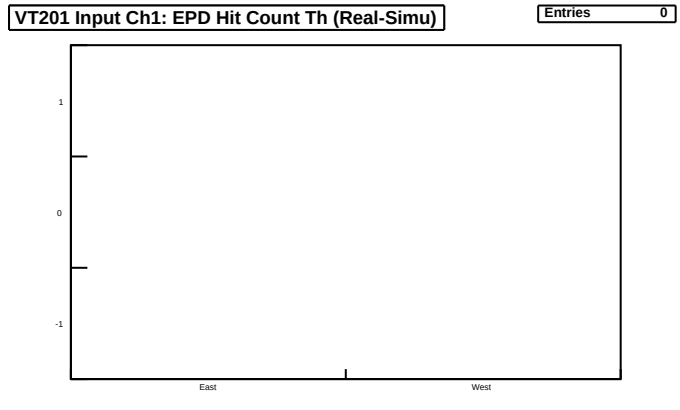

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1131182
361896
527579
203695
38012
East
West

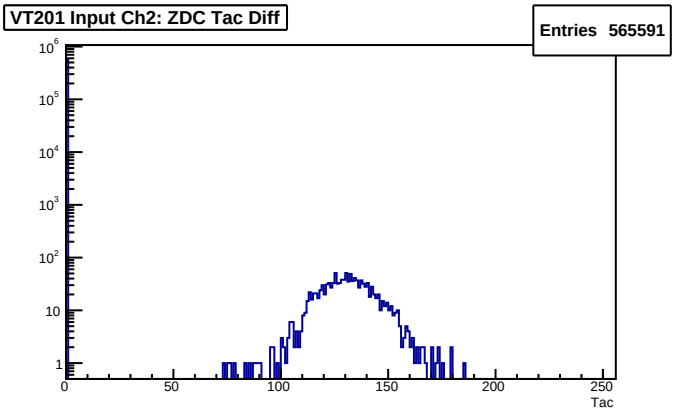

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

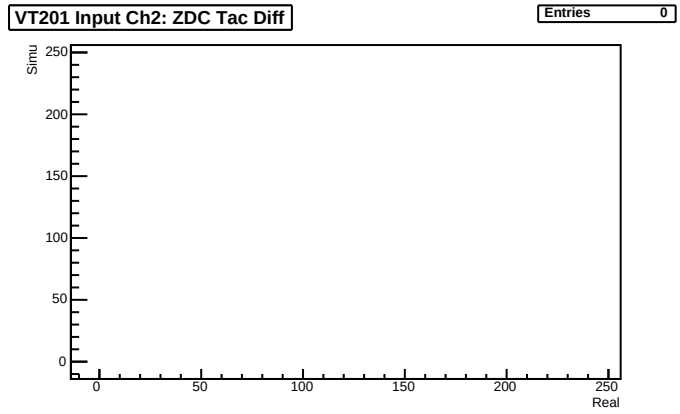

VT201 Input Ch1: EPD Tac Diff
Entries 565591
Tac

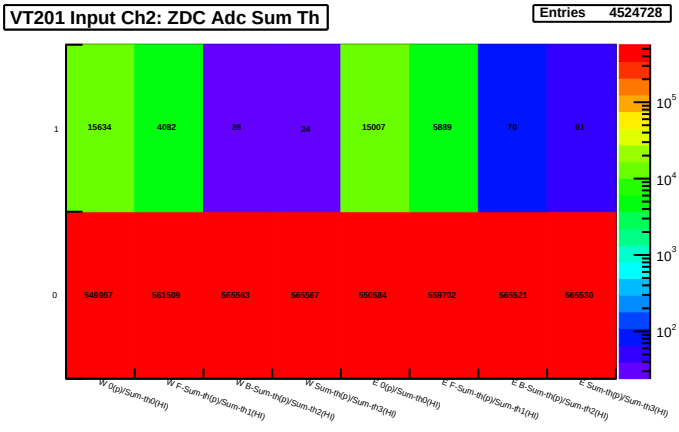

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

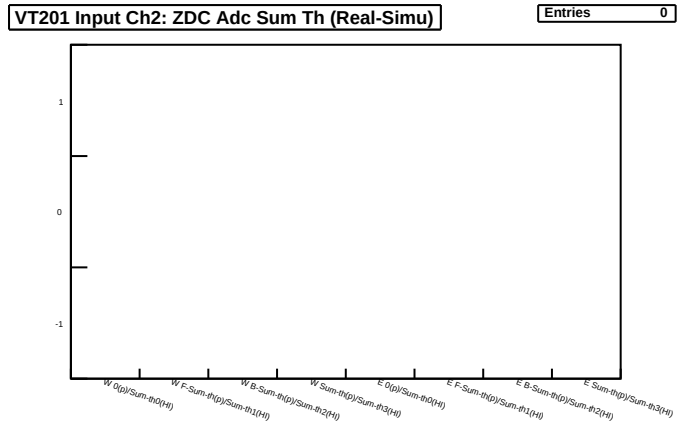

VT201 Input Ch1: EPD Hit Count Th
Entries 1131182
560015
558810
5576
6781
East
West

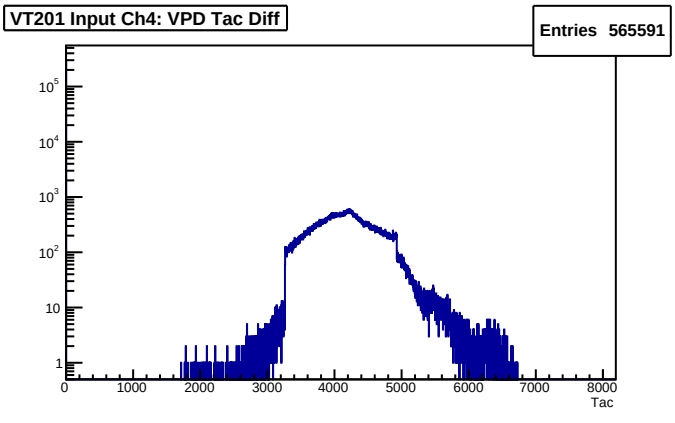

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

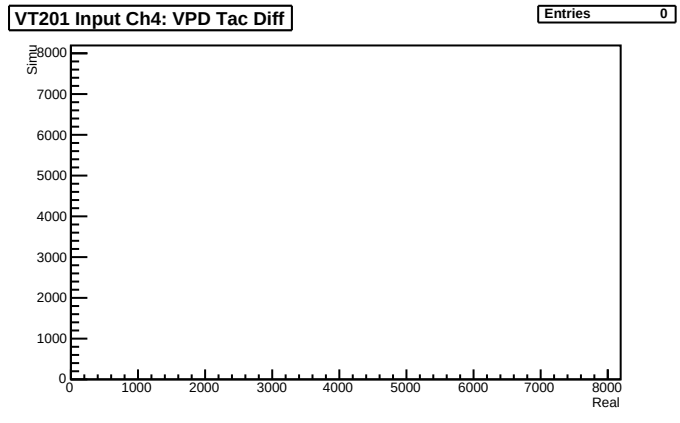

VT201 Input Ch2: ZDC Tac Diff
Entries 565591
Tac

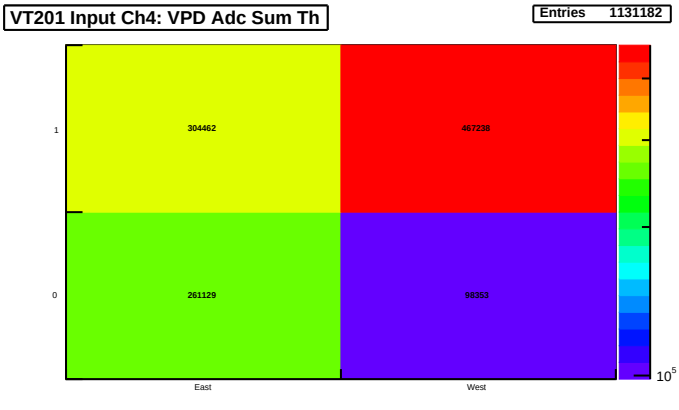

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

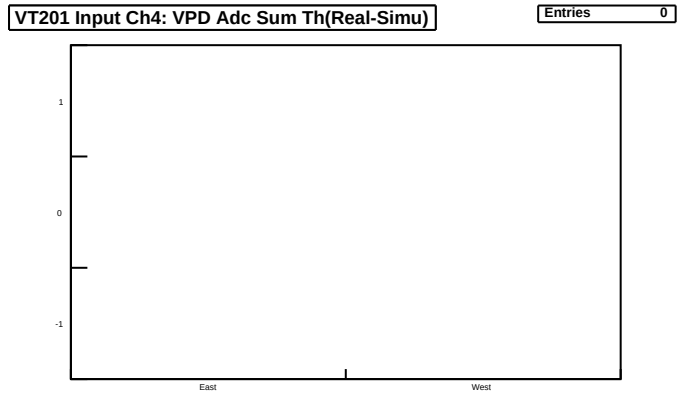

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4524728
15634
4082
28
24
15007
5889
70
61
549957
561509
565563
565567
550584
559702
565521
565530
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

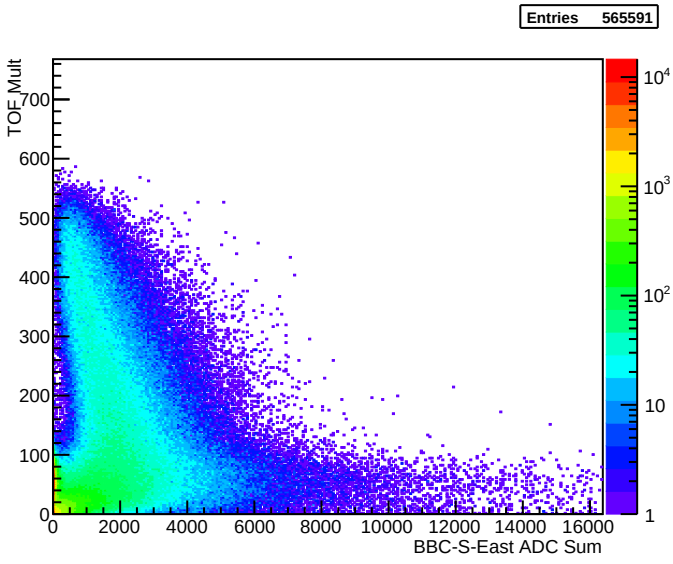

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

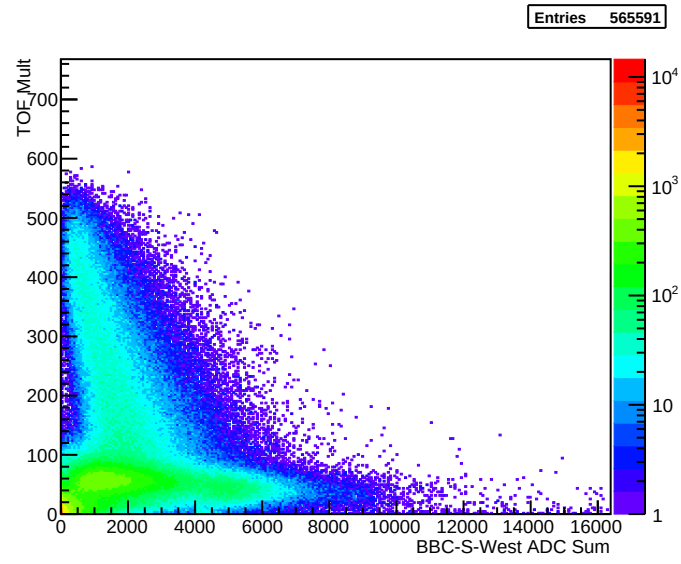

VT201 Input Ch4: VPD Tac Diff
Entries 565591
Tac

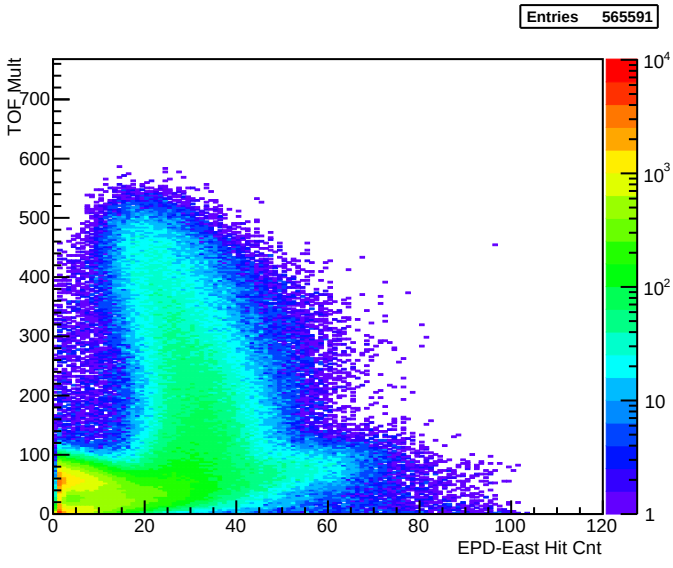

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

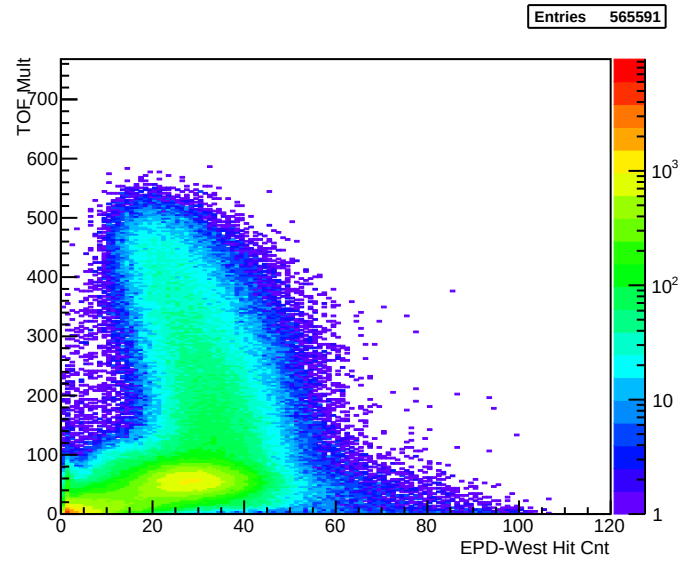

VT201 Input Ch4: VPD Adc Sum Th
Entries 1131182
304462
467238
261129
98353
East
West

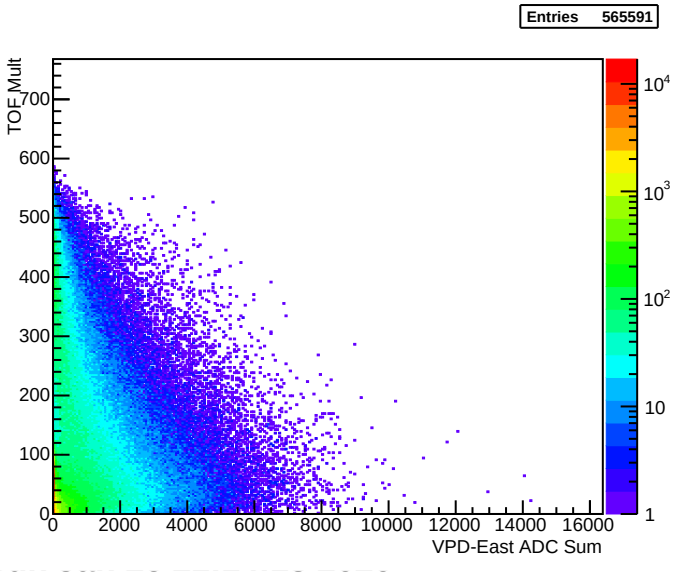

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

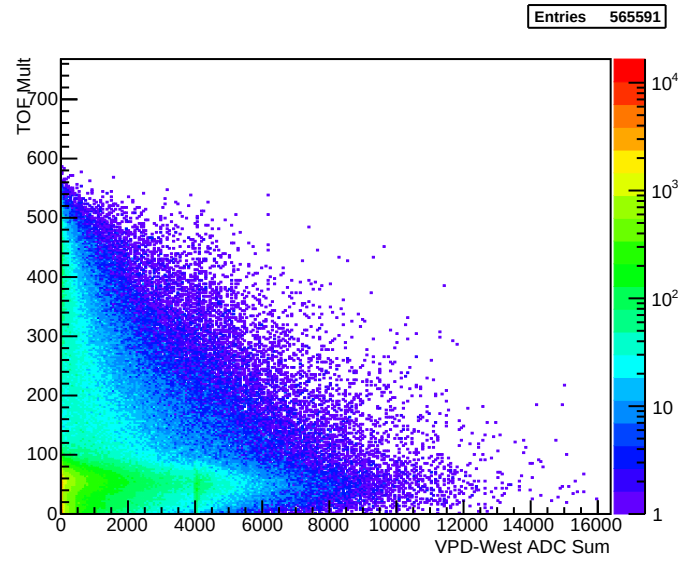

Entries 565591
TOF_Mult
BBC-S-East ADC Sum

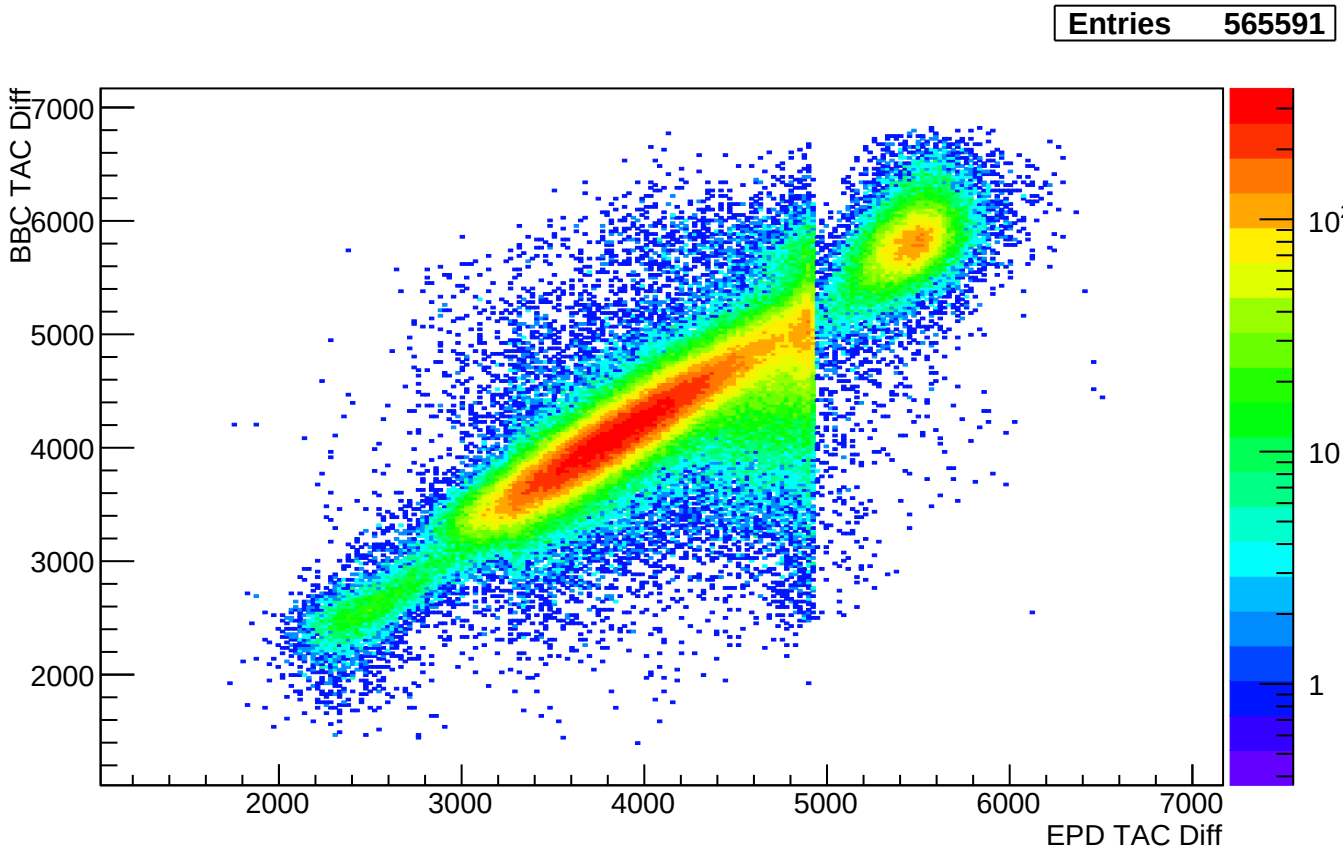

Entries 565591
TOF_Mult
BBC-S-West ADC Sum

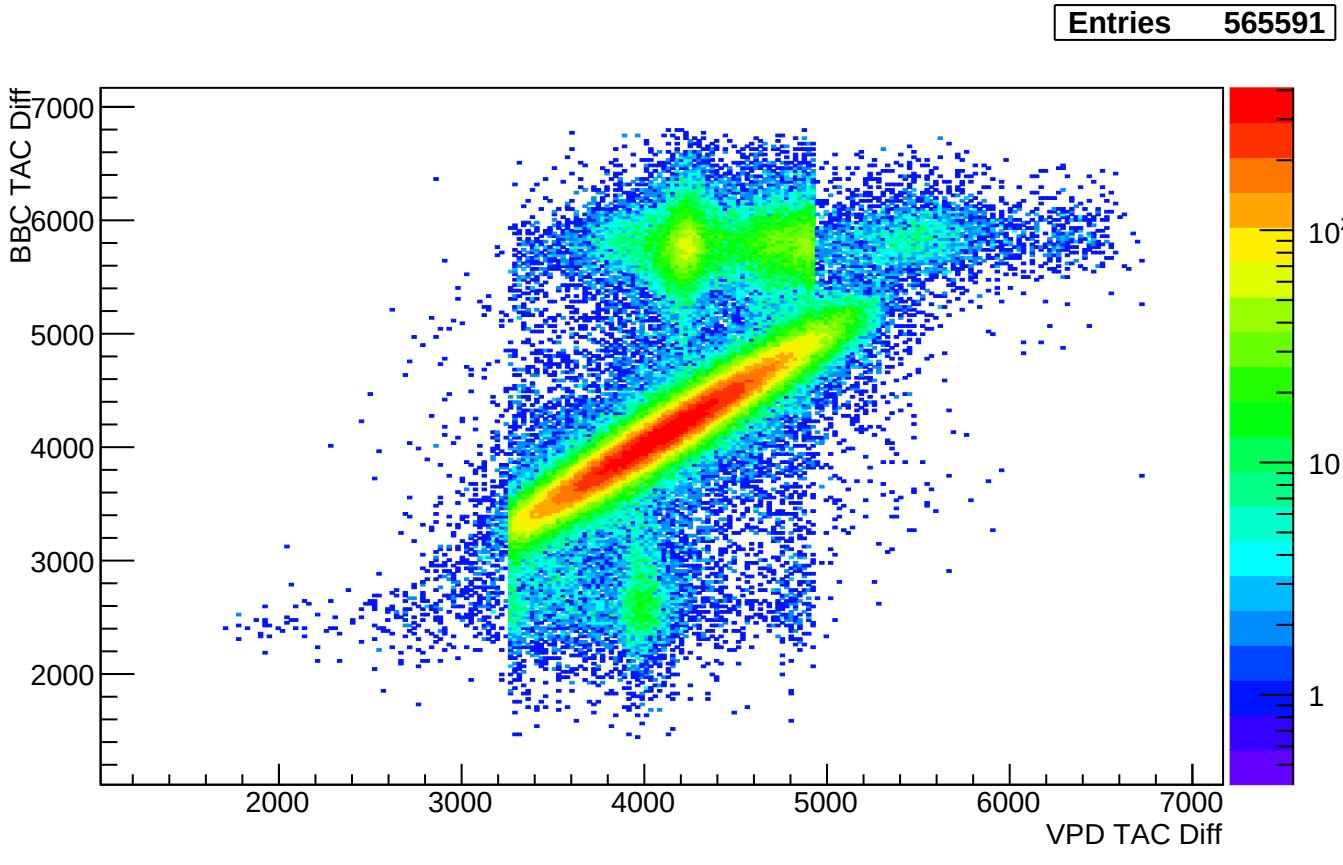

Entries 565591
TOF_Mult
EPD-East Hit Cnt

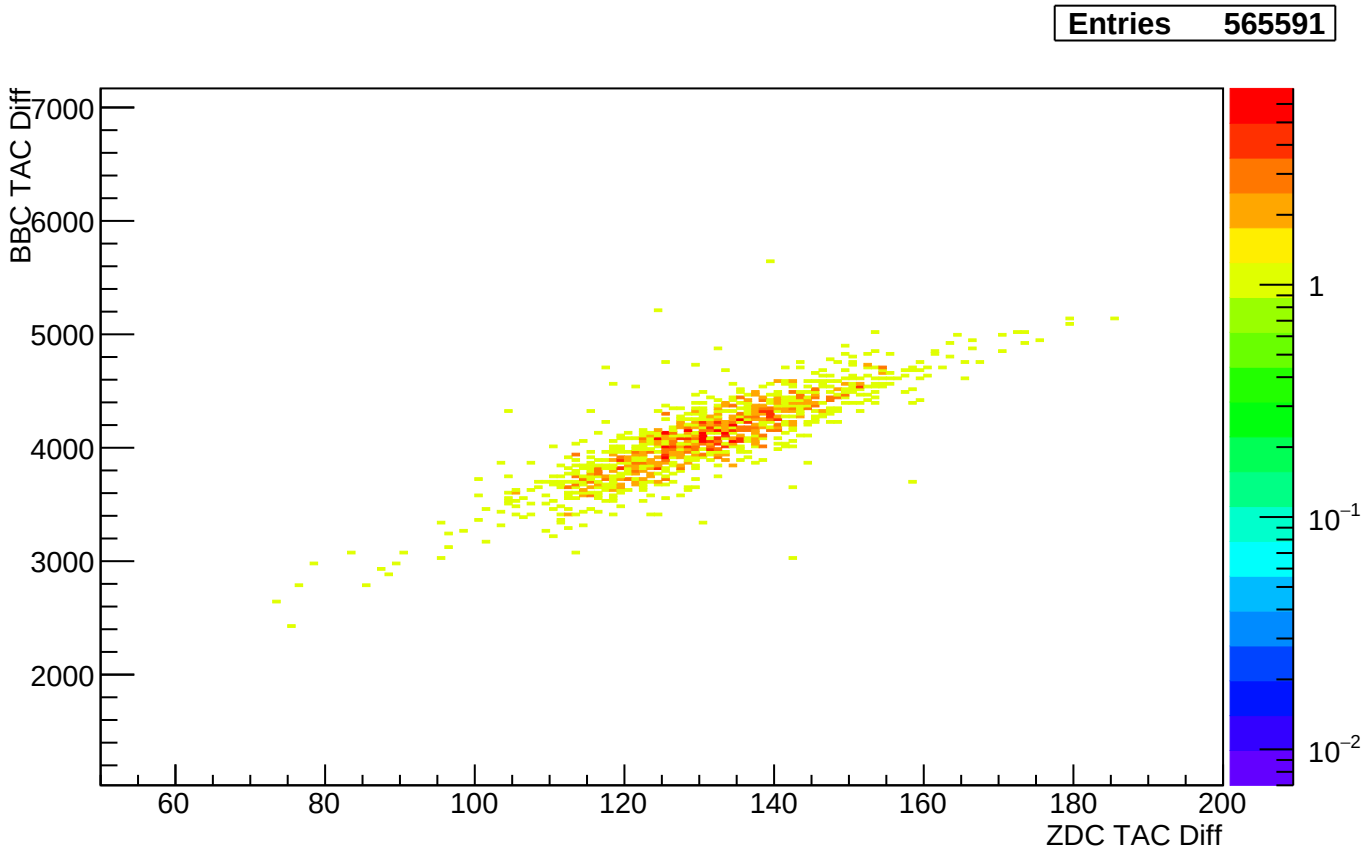

Entries 565591
TOF_Mult
EPD-West Hit Cnt

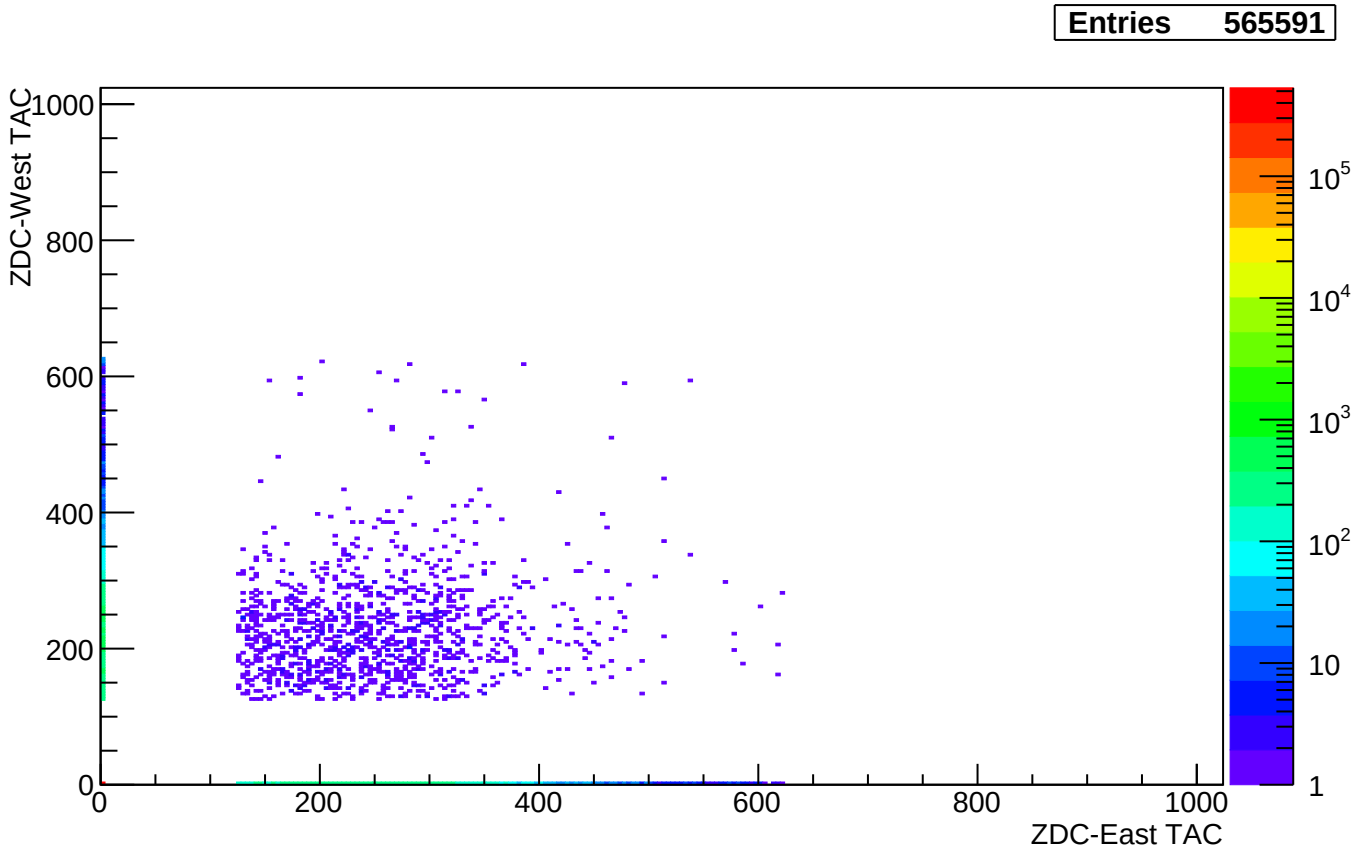

Entries 565591
TOF_Mult
VPD-East ADC Sum

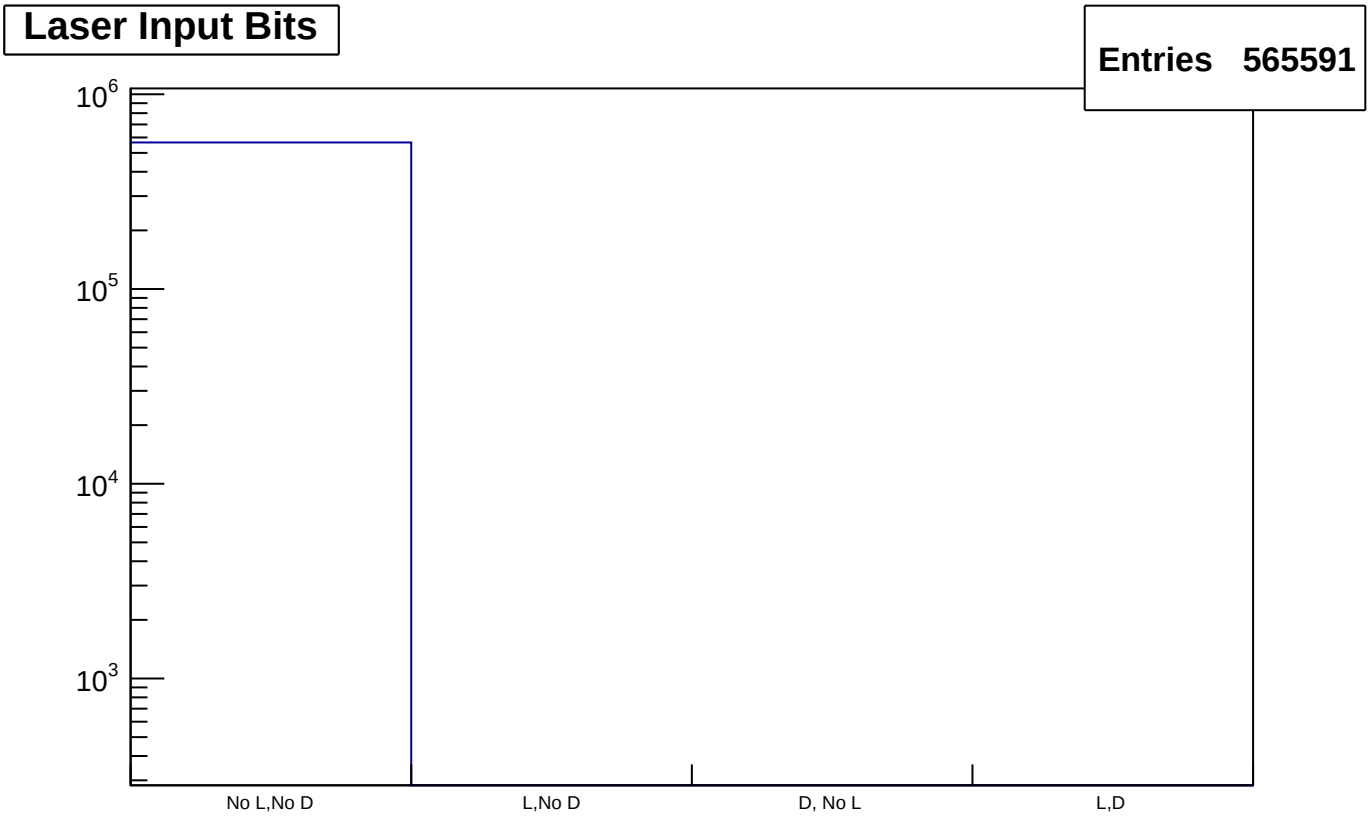

Entries 565591
TOF_Mult
VPD-West ADC Sum

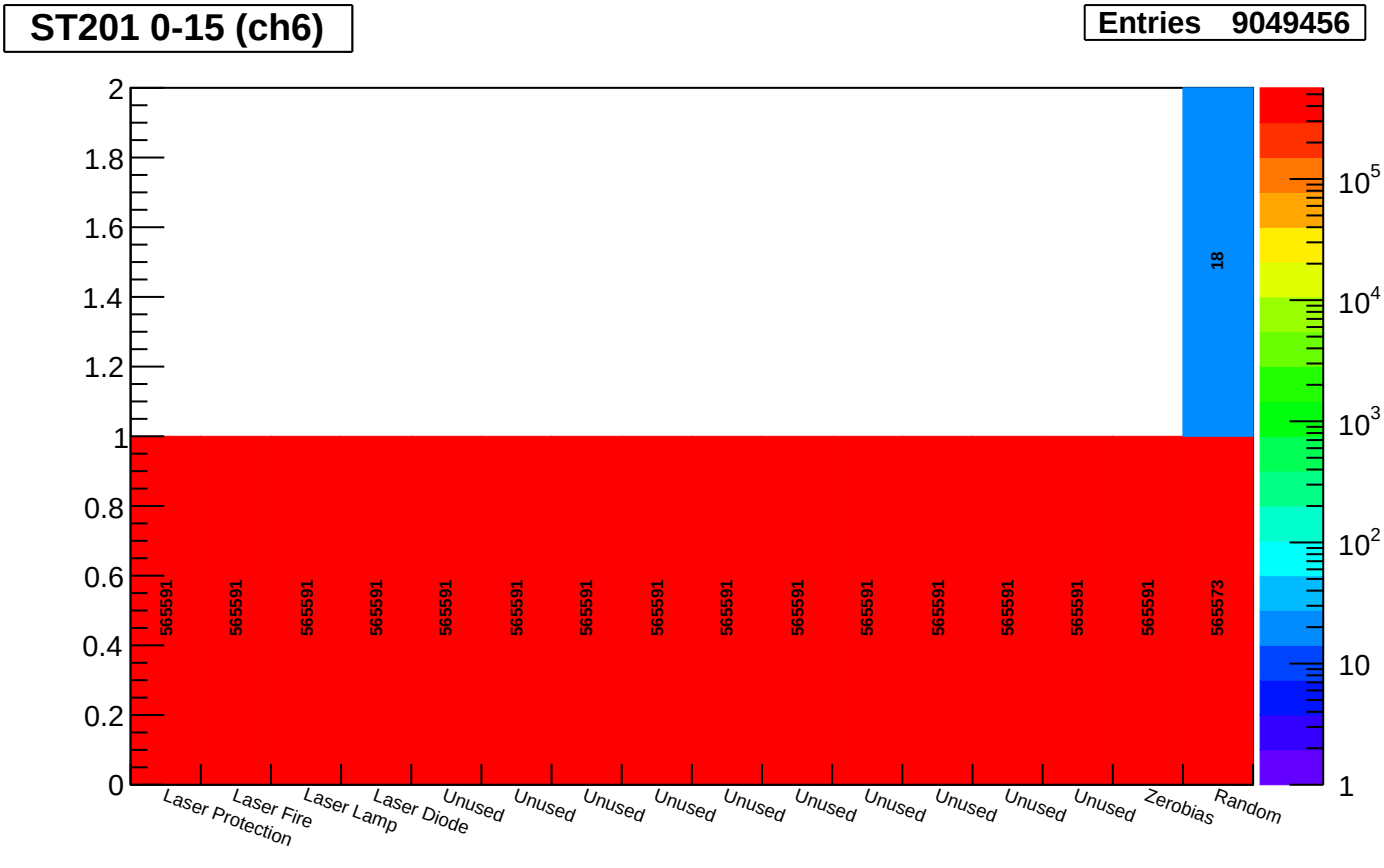

Entries 565591
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

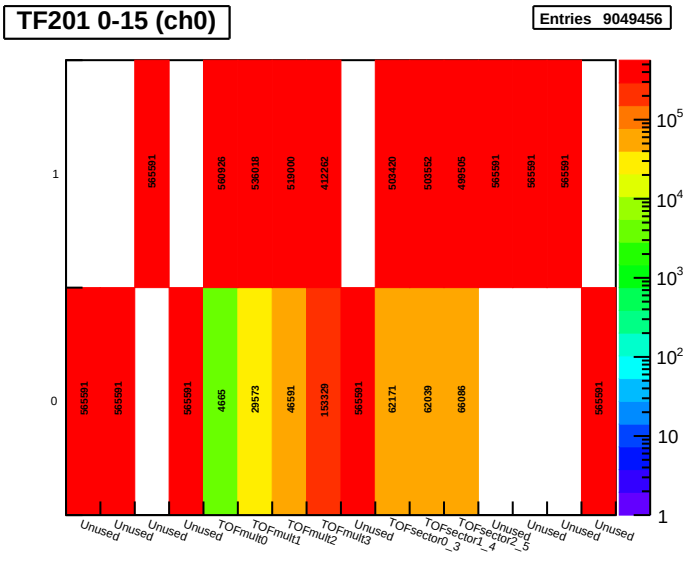

Entries 565591
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

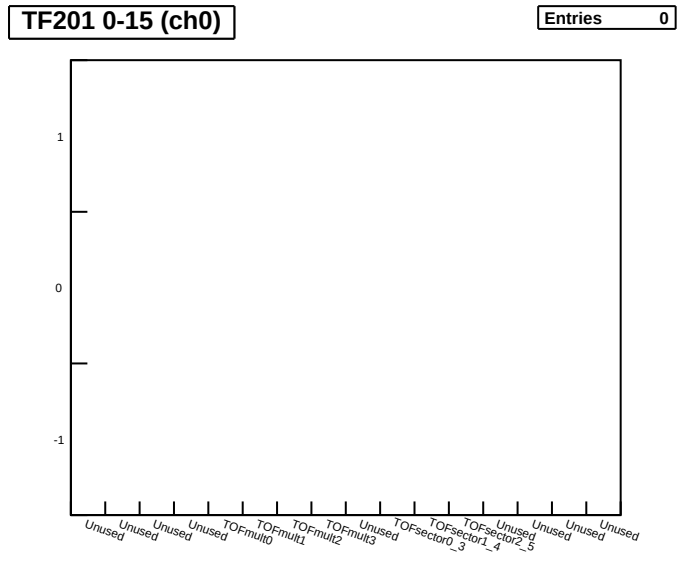

Entries 565591
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

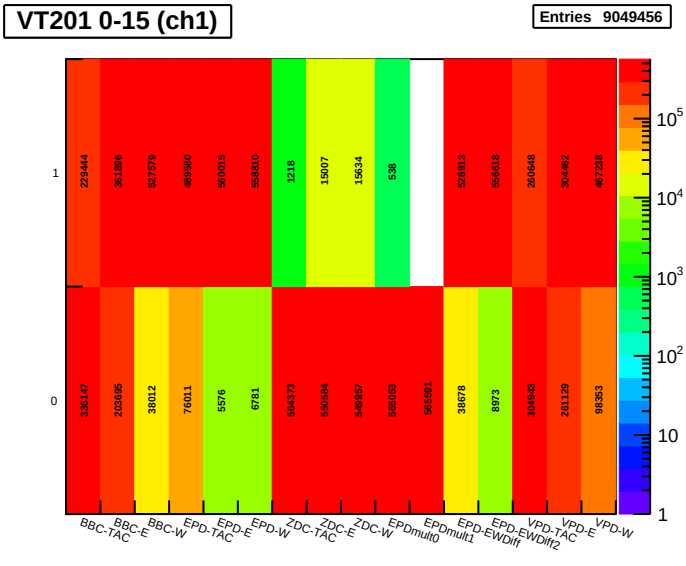

Entries 565591
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

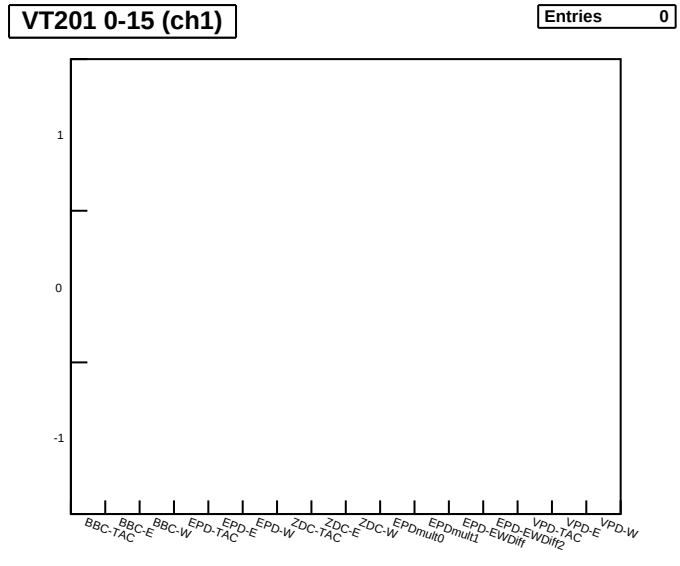

Laser Input Bits
Entries 565591
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

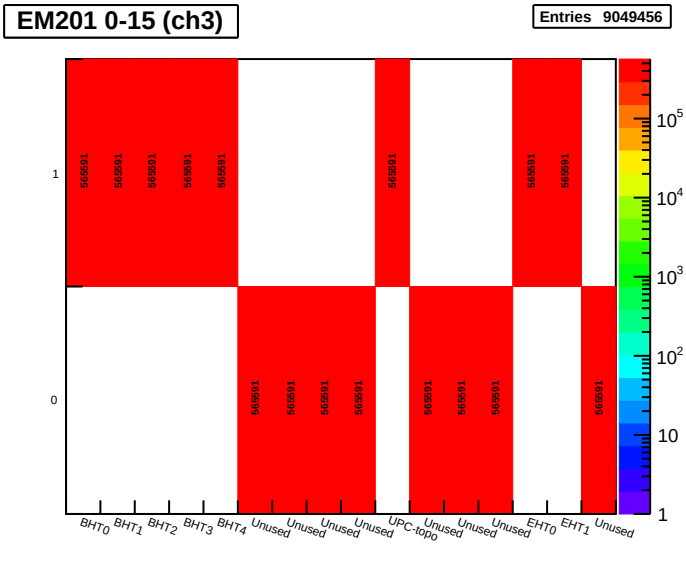

ST201 0-15 (ch6)
Entries 9049456
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
565591
565591
565591
565591
565591
565591
565591
565591
565591
565591
565591
565591
565591
565591
565591
565573
18
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

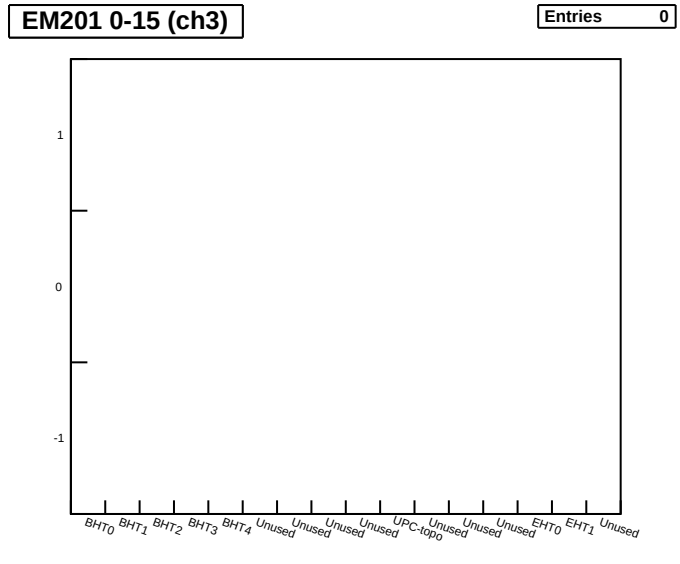

TF201 0-15 (ch0)
Entries 9049456
1
0
565591
565591
565591
565591
560926
536018
519000
412262
503420
503352
499505
565591
565591
565591
565591
4665
29573
46591
153329
565591
62171
62039
66086
565591
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused


VT201 0-15 (ch1)
Entries 9049456
1
0
229444
361886
527579
489580
560015
558810
1218
15007
15634
538
526913
556618
260648
304462
467238
336147
203695
38012
76011
5576
6781
564373
550584
549957
566053
565591
38678
8973
304943
261129
98353
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 9049456
1
0
565591
565591
565591
565591
565591
565591
565591
565591
565591
565591
565591
565591
565591
565591
565591
565591
565591
565591
565591
565591
565591
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