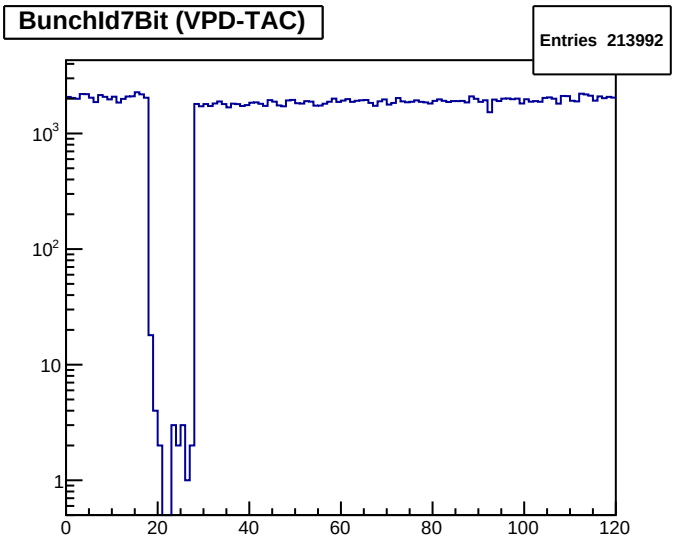
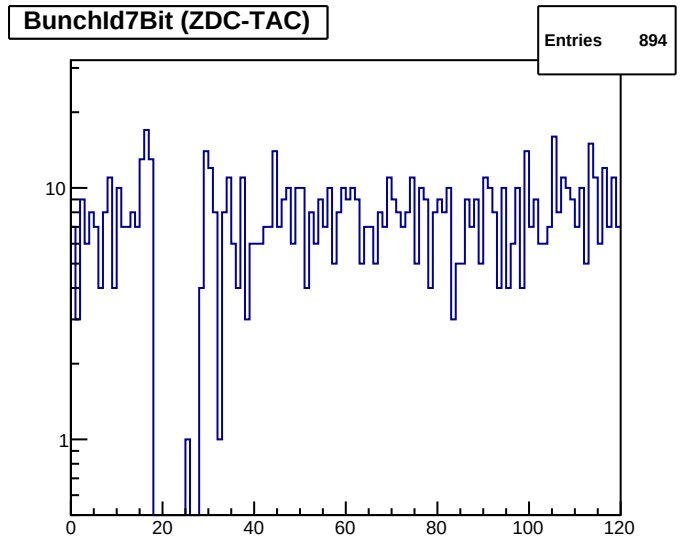
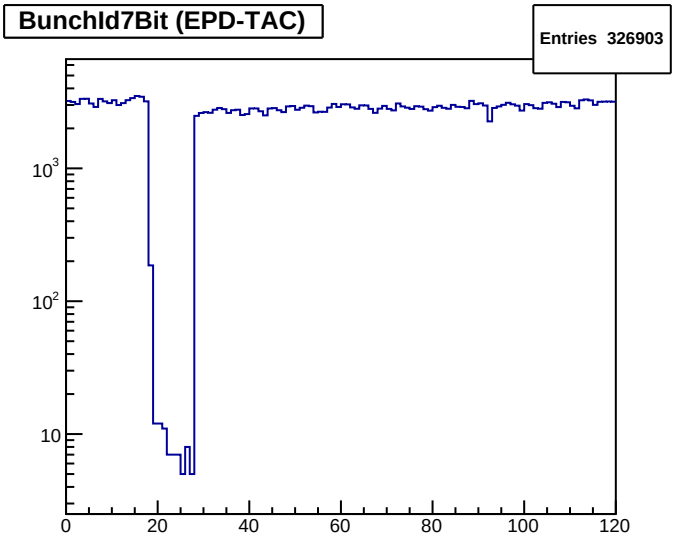
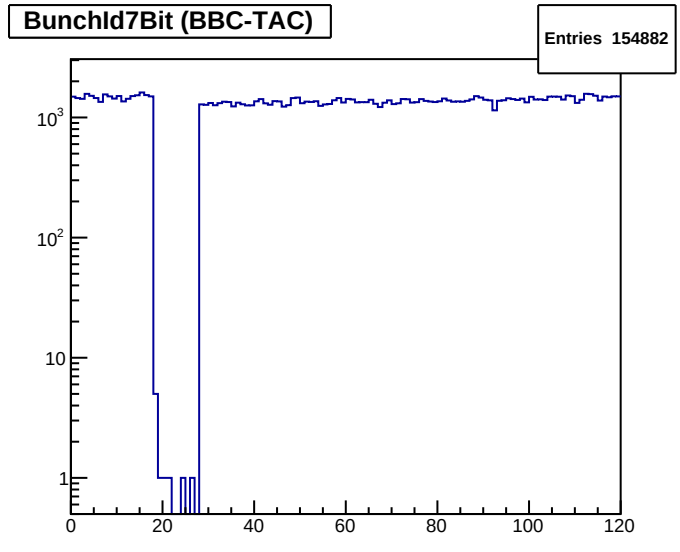
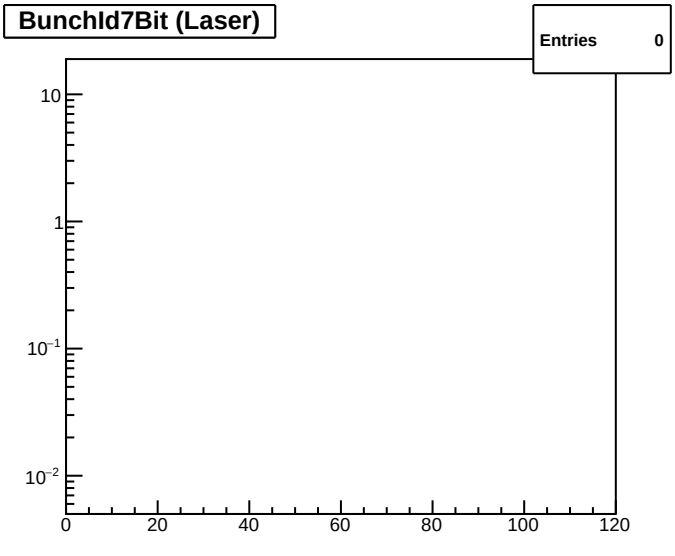
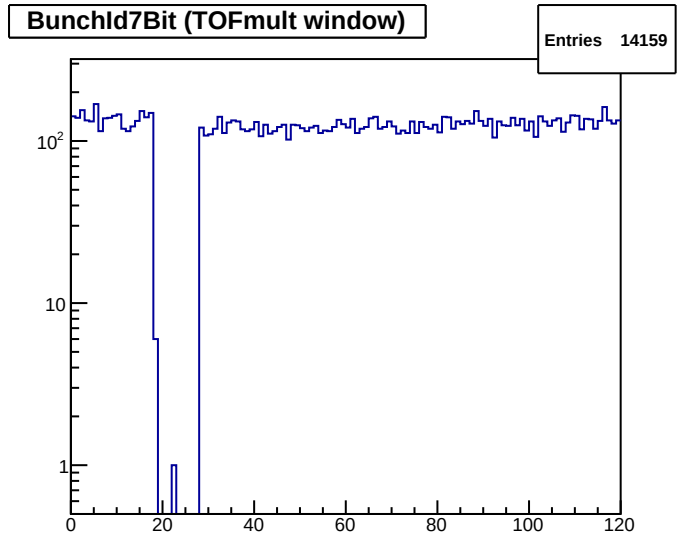

BunchId7Bit (VPD-TAC)
Entries 213992

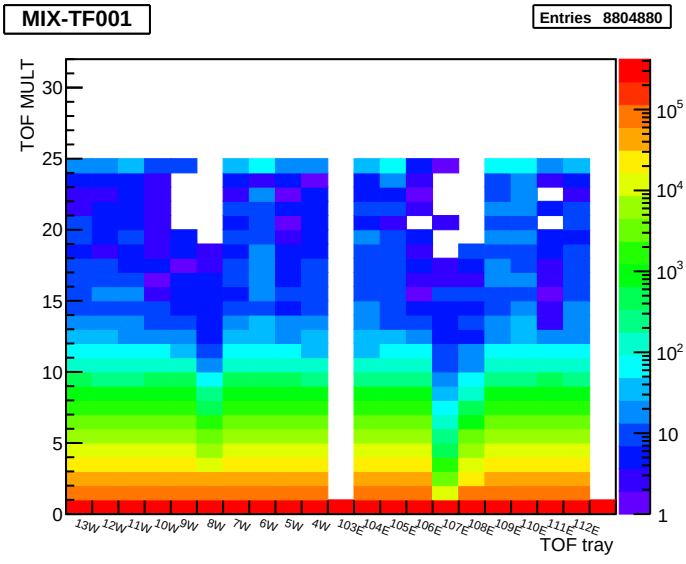

BunchId7Bit (ZDC-TAC)
Entries 894

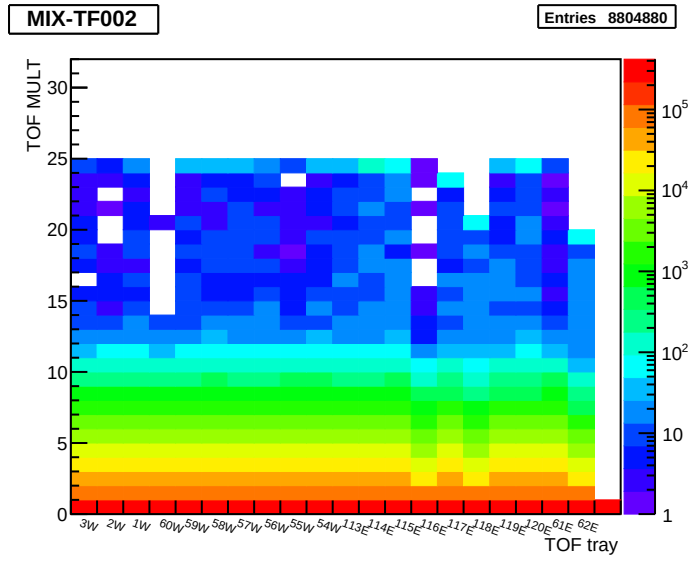

BunchId7Bit (EPD-TAC)
Entries 326903

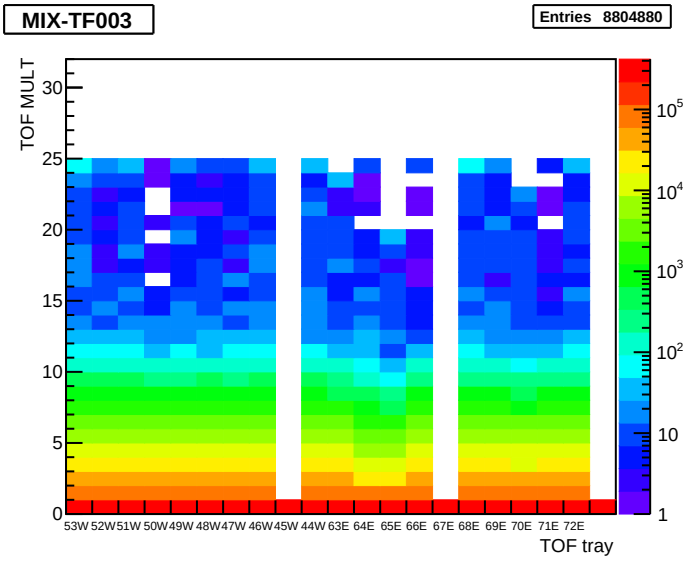

BunchId7Bit (BBC-TAC)
Entries 154882

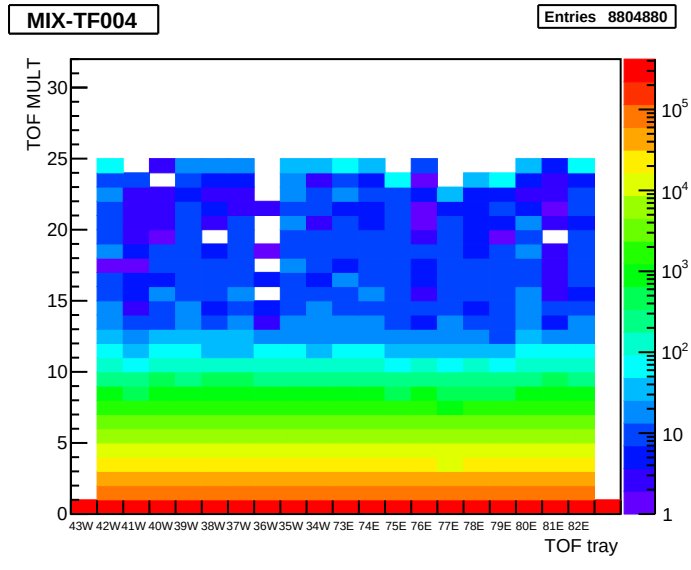

BunchId7Bit (Laser)
Entries 0

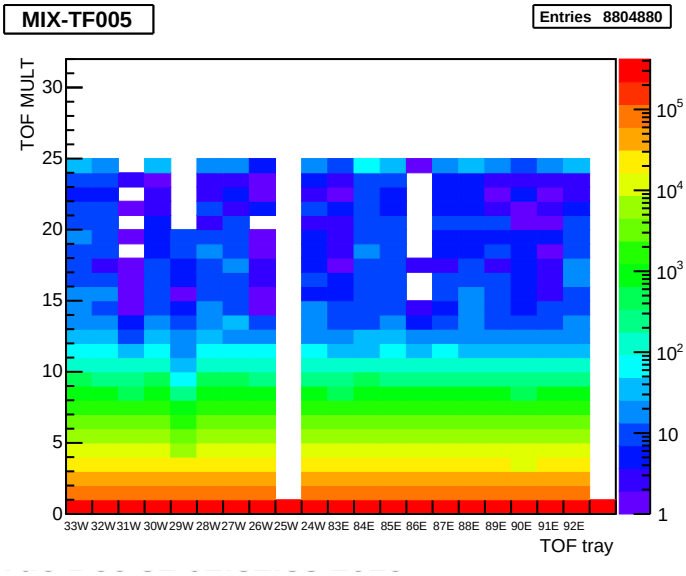

BunchId7Bit (TOFmult window)
Entries 14159

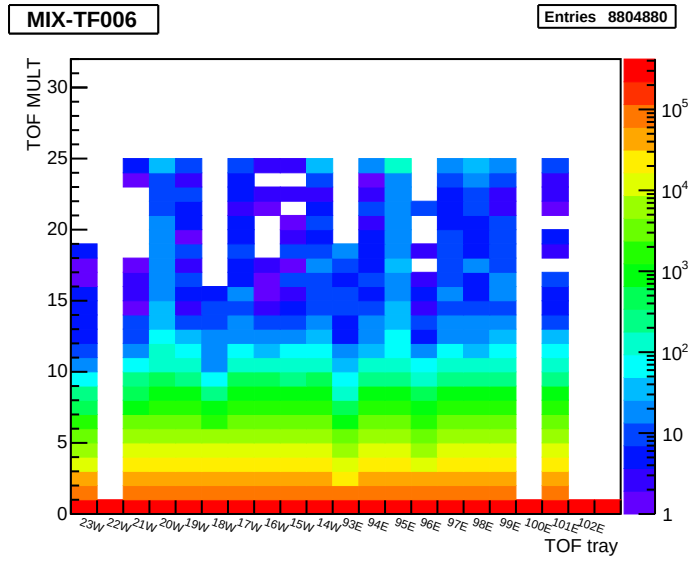

MIX-TF001
Entries 8804880
TOF MULT
TOF tray

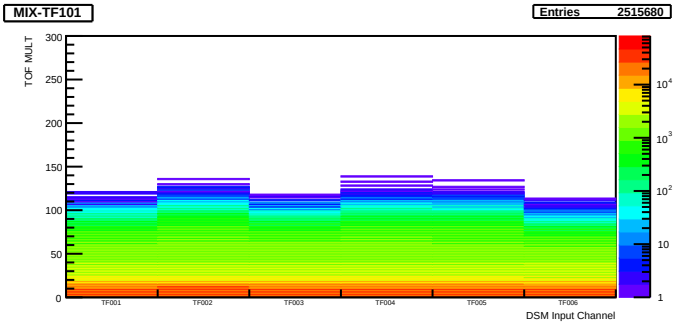

MIX-TF002
Entries 8804880
TOF MULT
TOF tray

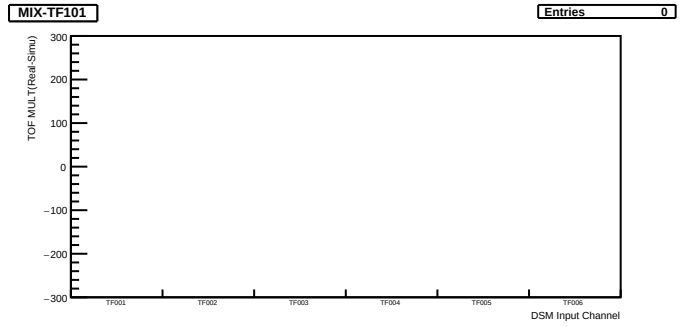

MIX-TF003
Entries 8804880
TOF MULT
TOF tray

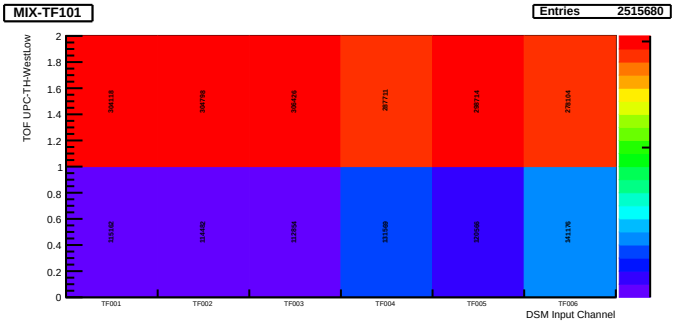

MIX-TF004
Entries 8804880
TOF MULT
TOF tray

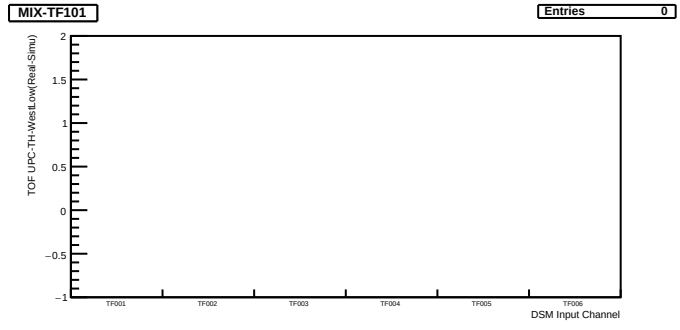

MIX-TF005
Entries 8804880
TOF MULT
TOF tray

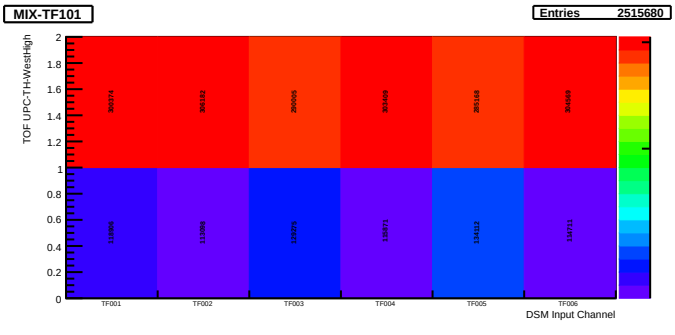

MIX-TF006
Entries 8804880
TOF MULT
TOF tray

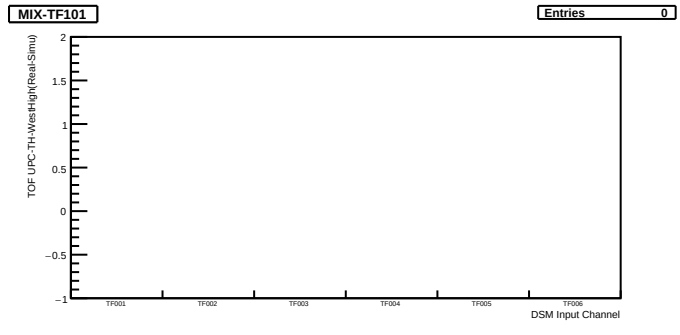

MIX-TF101
Entries 2515680
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

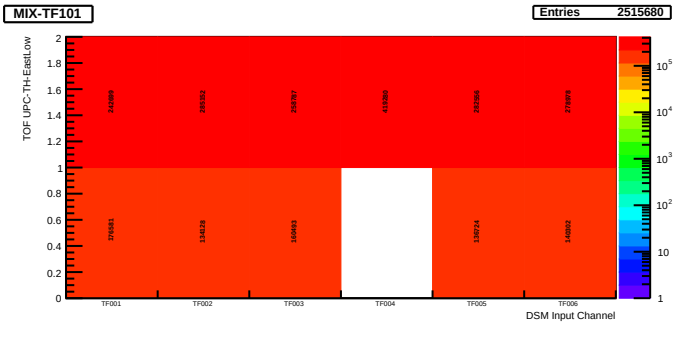

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

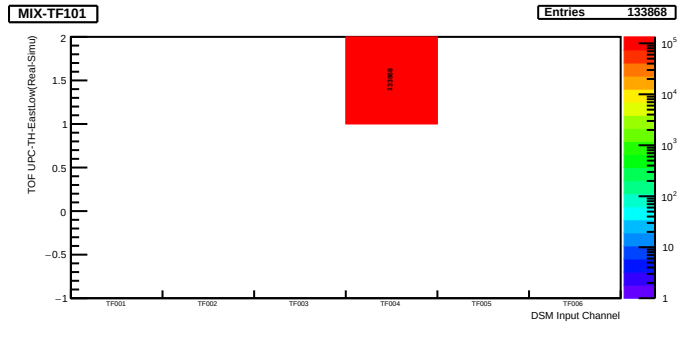

MIX-TF101
Entries 2515680
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

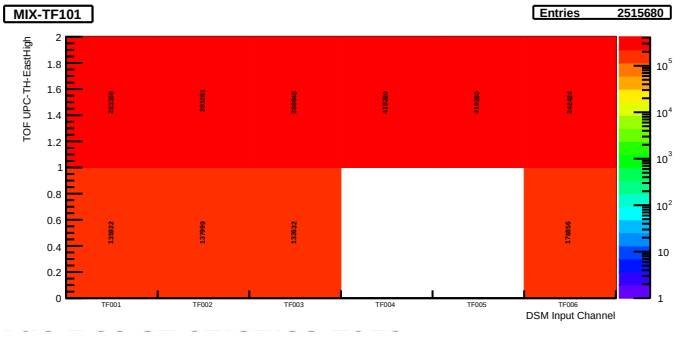

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

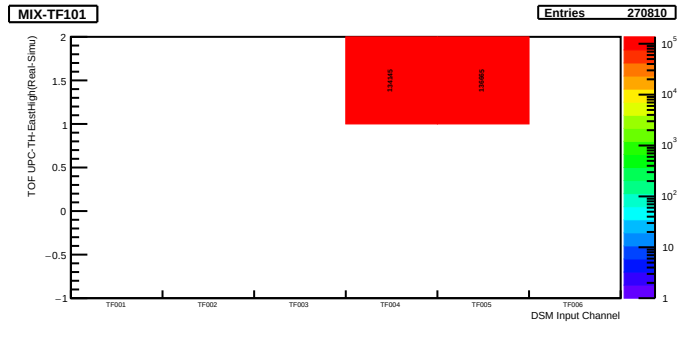

MIX-TF101
Entries 2515680
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

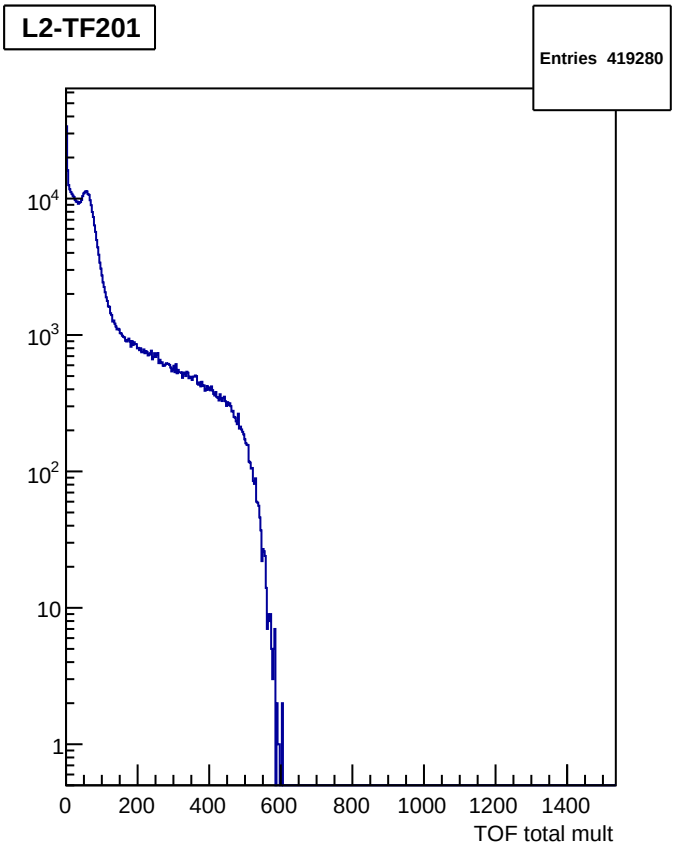

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

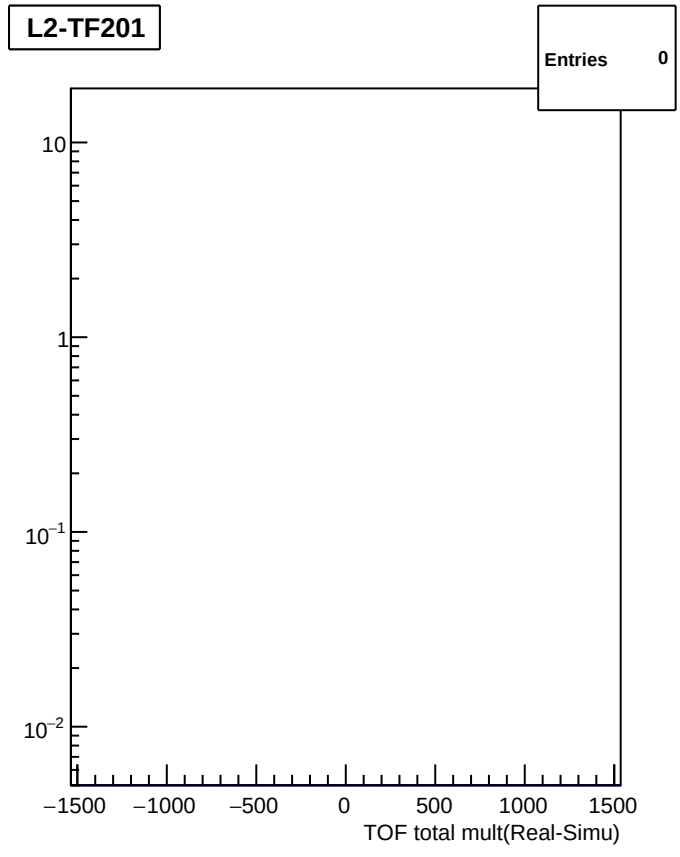

MIX-TF101
Entries 2515680
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

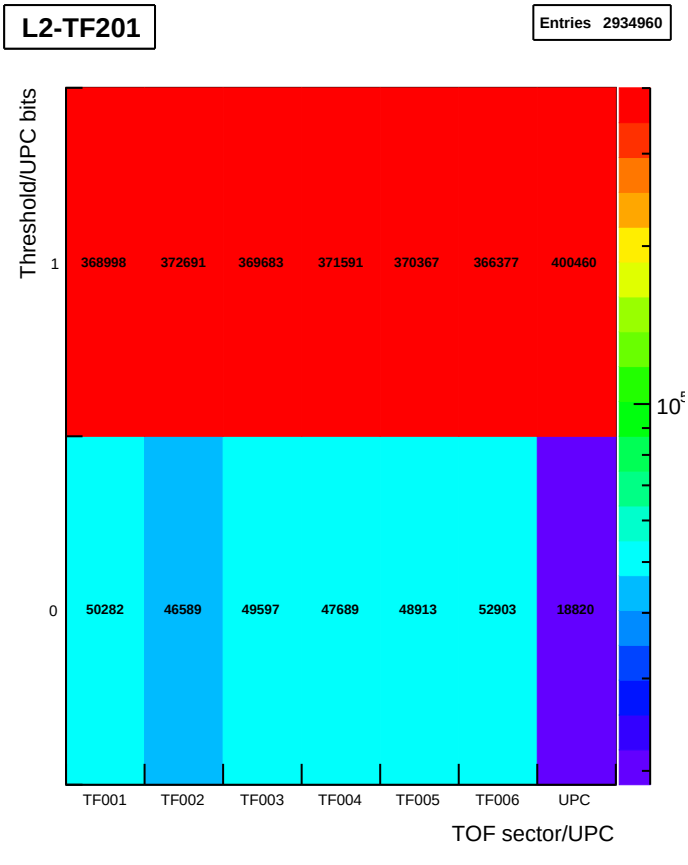

MIX-TF101
Entries 133868
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

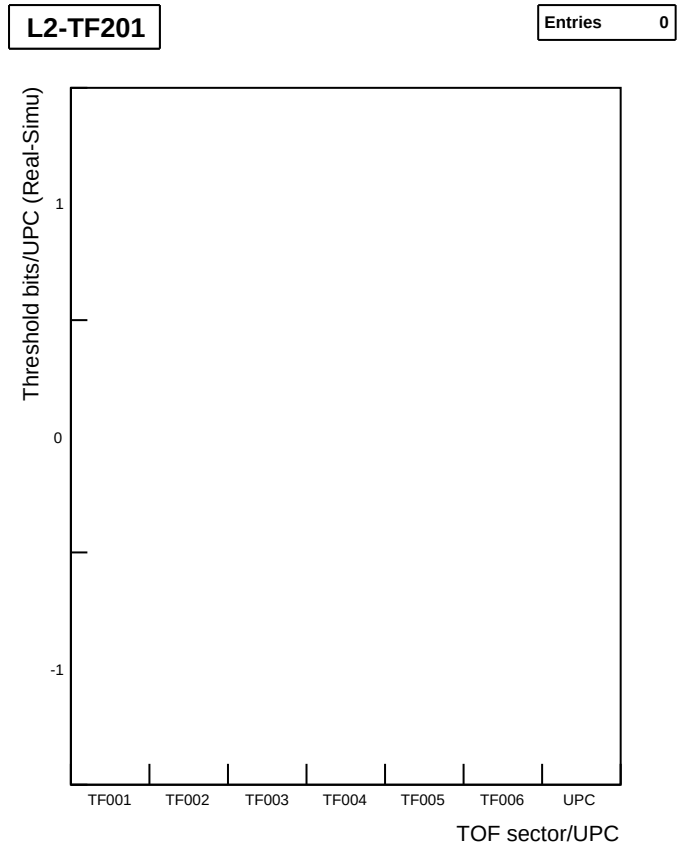

MIX-TF101
Entries 2515680
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

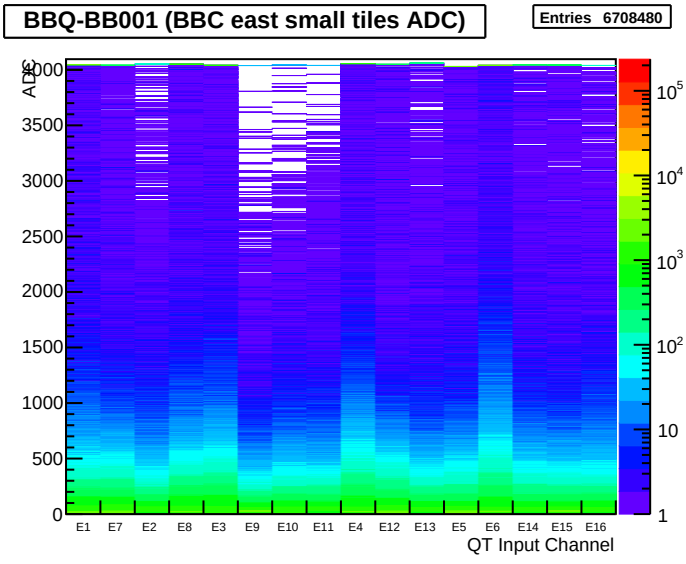

MIX-TF101
Entries 270810
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

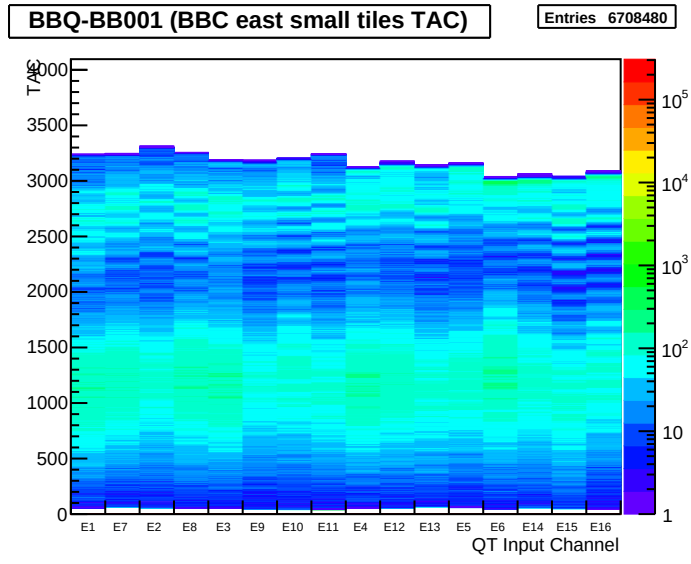

L2-TF201
Entries 419280
TOF total mult

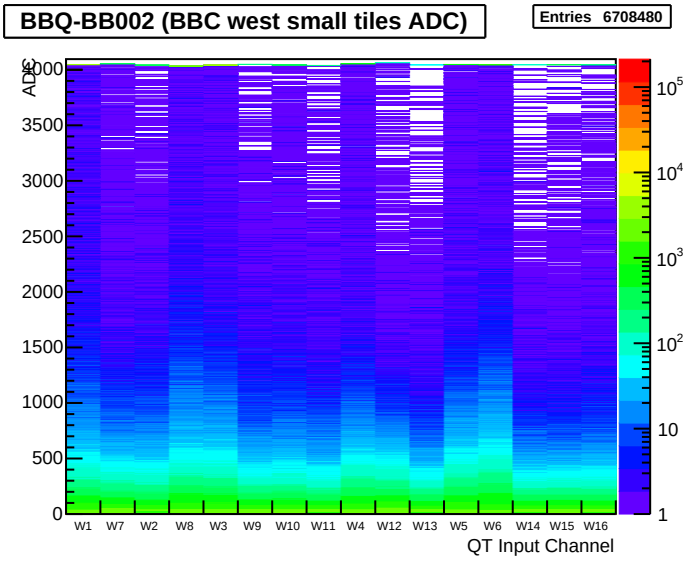

L2-TF201
Entries 0
TOF total mult(Real-Simu)

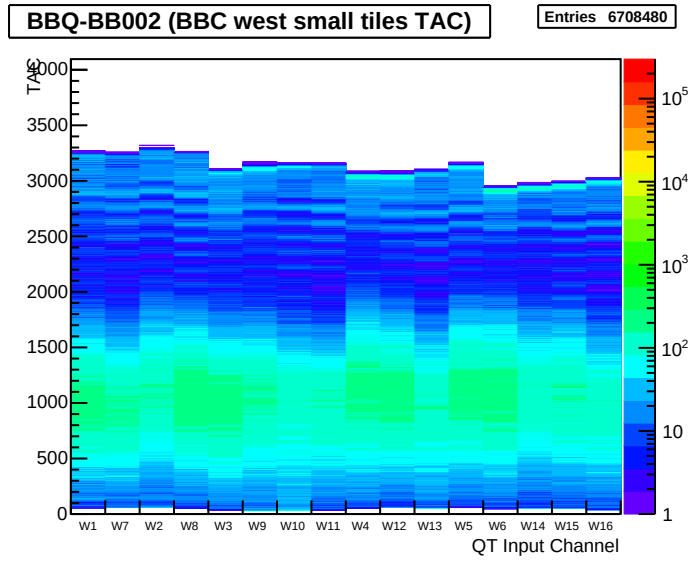

L2-TF201
Entries 2934960
Threshold/UPC bits
368998
372691
369683
371591
370367
366377
400460
50282
46589
49597
47689
48913
52903
18820
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

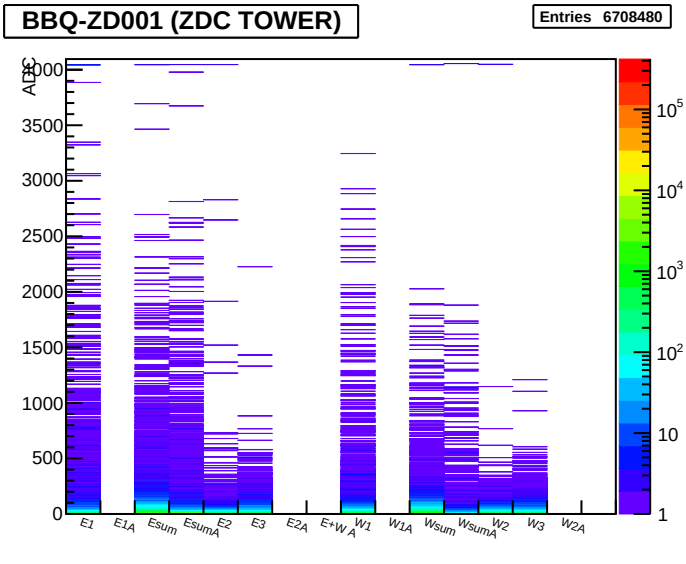

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

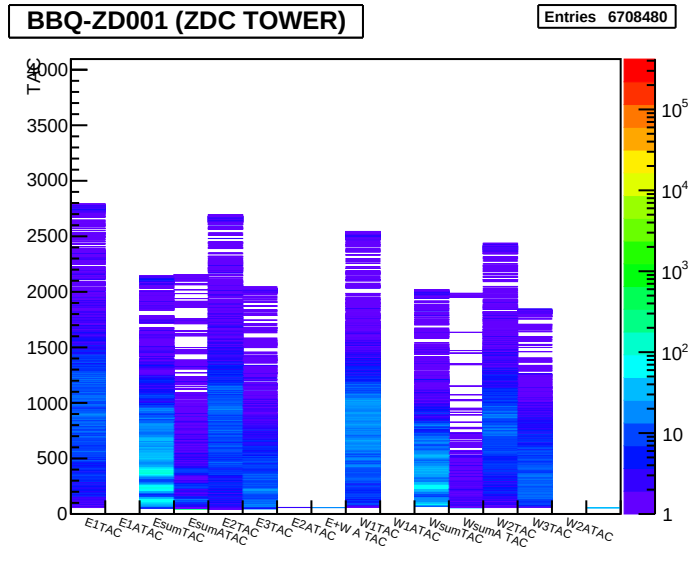

BBQ-BB001 (BBC east small tiles ADC)
Entries 6708480
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

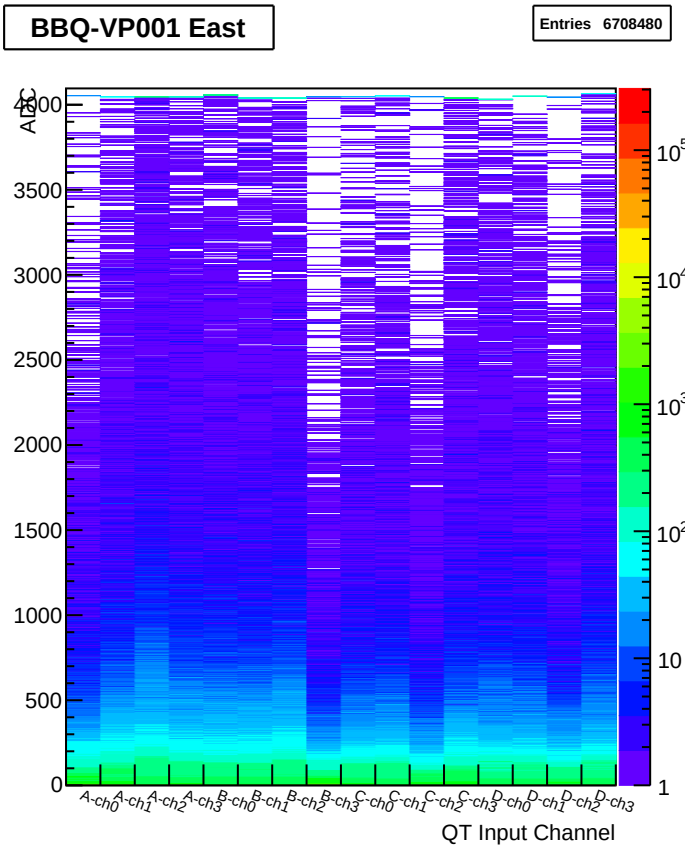

BBQ-BB001 (BBC east small tiles TAC)
Entries 6708480
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

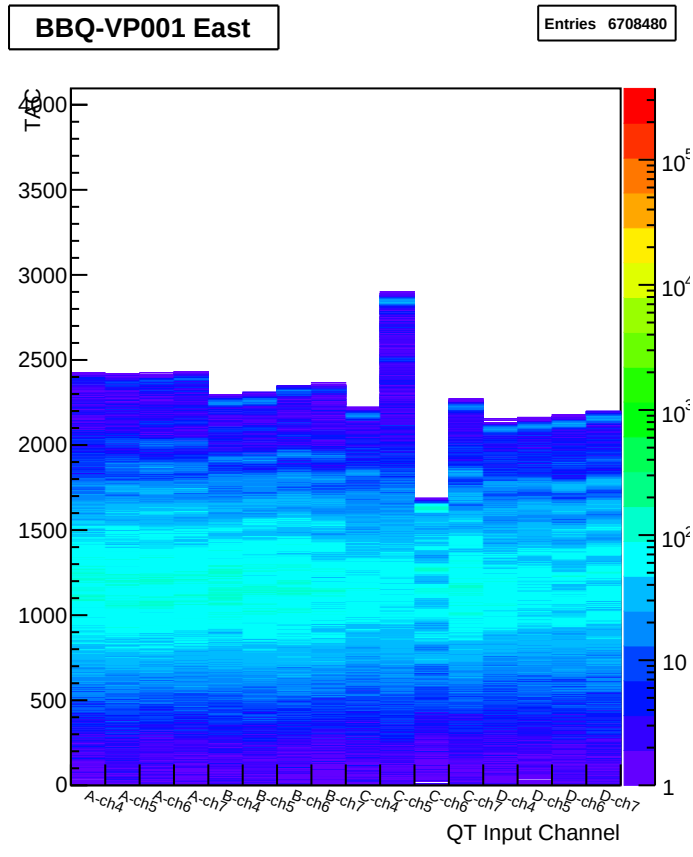

BBQ-BB002 (BBC west small tiles ADC)
Entries 6708480
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

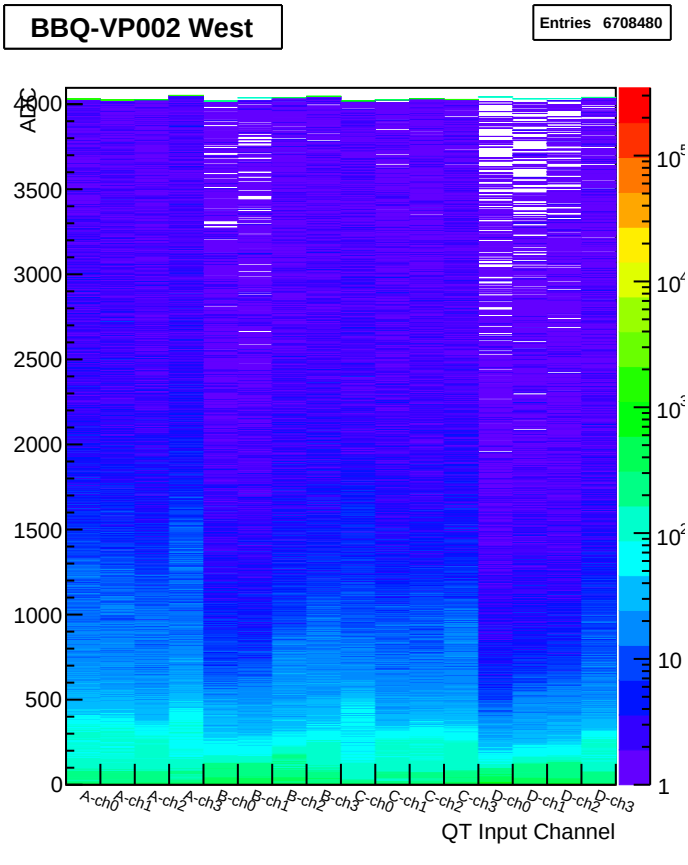

BBQ-BB002 (BBC west small tiles TAC)
Entries 6708480
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

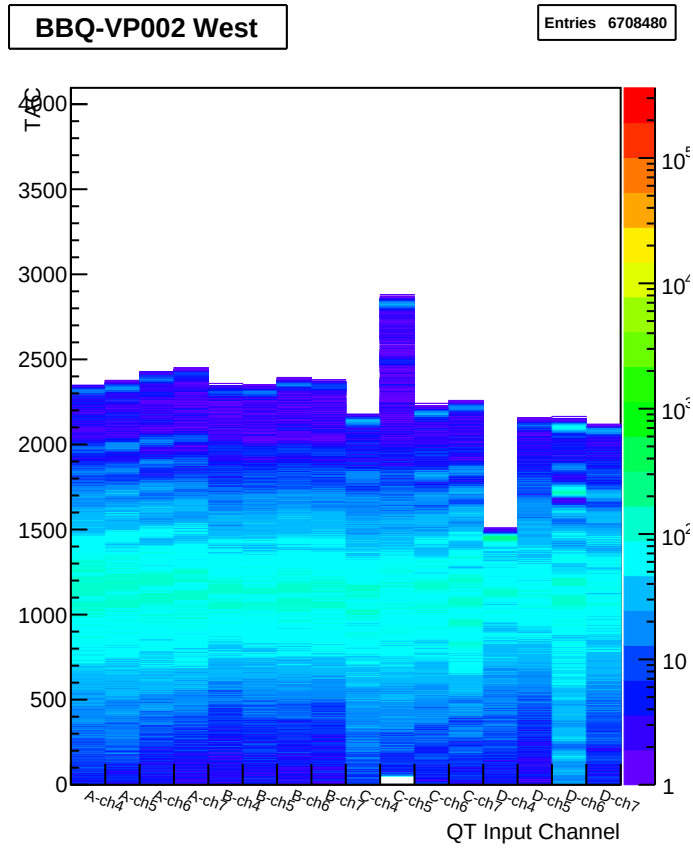

BBQ-ZD001 (ZDC TOWER)
Entries 6708480
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

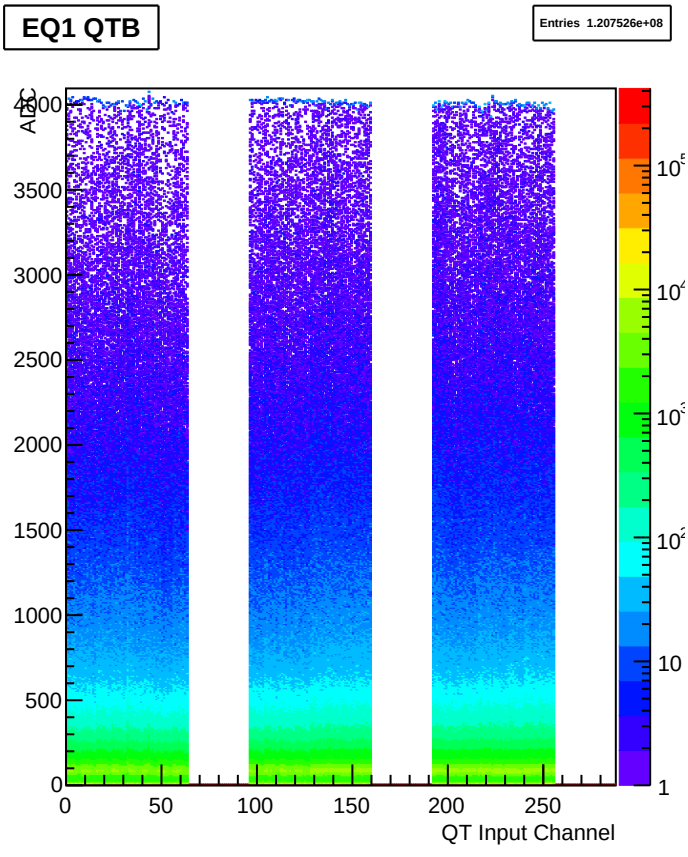

BBQ-ZD001 (ZDC TOWER)
Entries 6708480
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

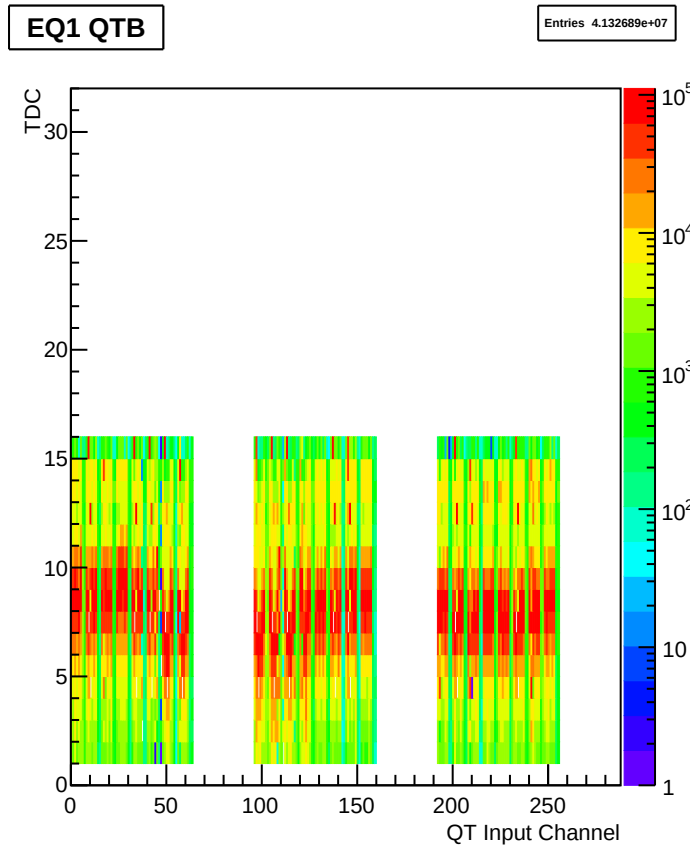

BBQ-VP001 East
Entries 6708480
ADC
QT Input Channel

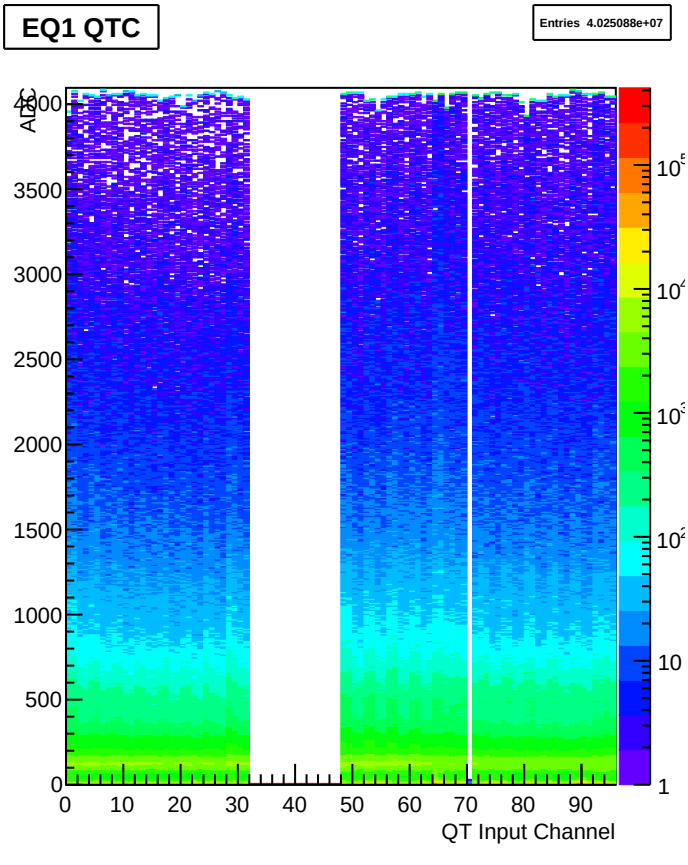

BBQ-VP001 East
Entries 6708480
ADC
QT Input Channel

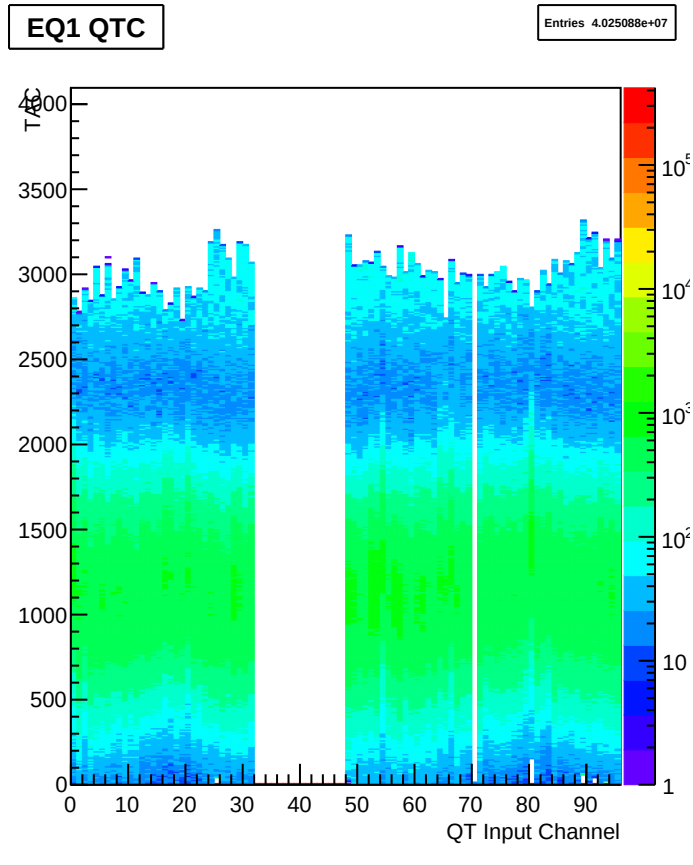

BBQ-VP002 West
Entries 6708480
ADC
QT Input Channel

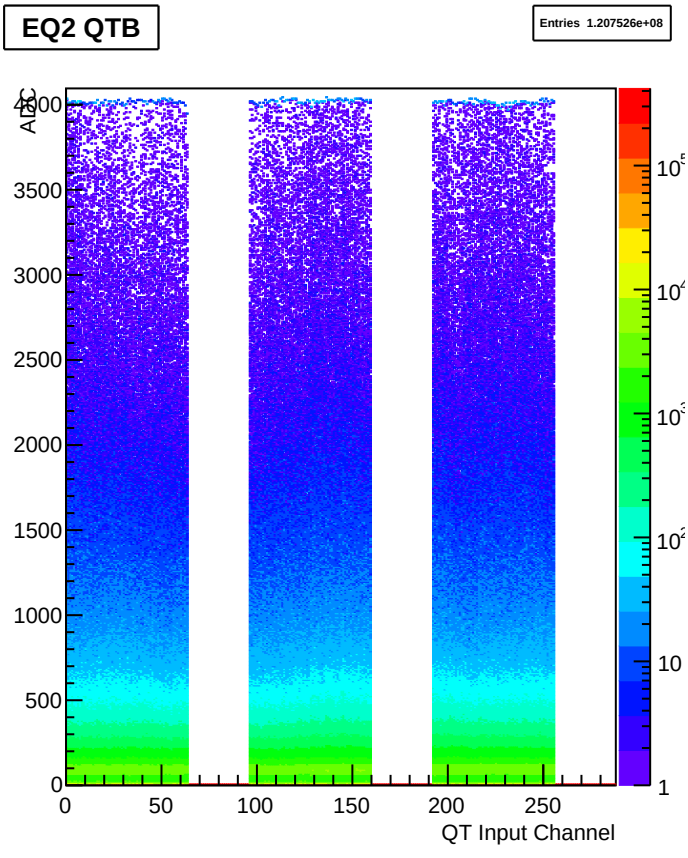

BBQ-VP002 West
Entries 6708480
ADC
QT Input Channel

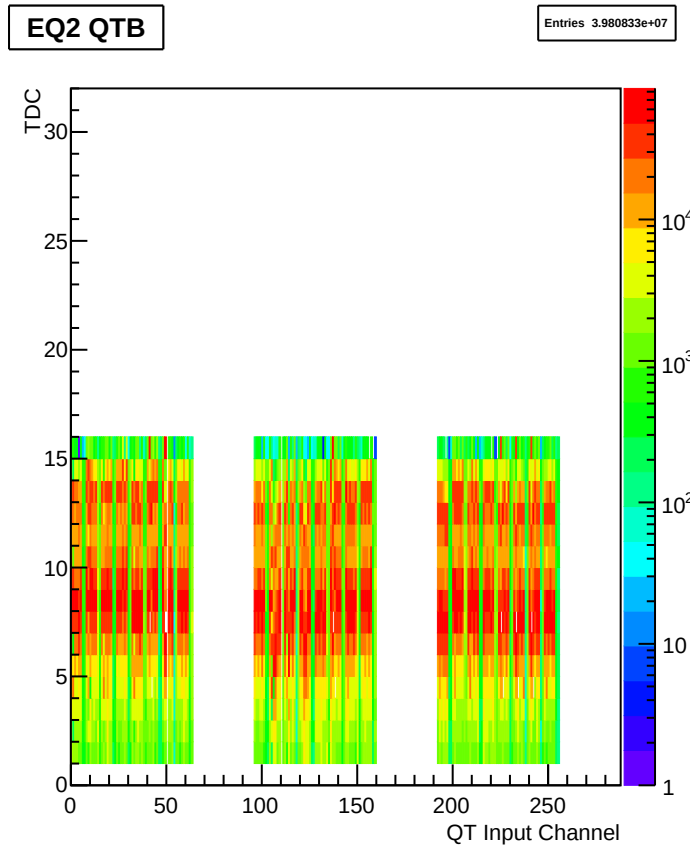

EQ1 QTB
Entries 1.207526e+08
ADC
QT Input Channel

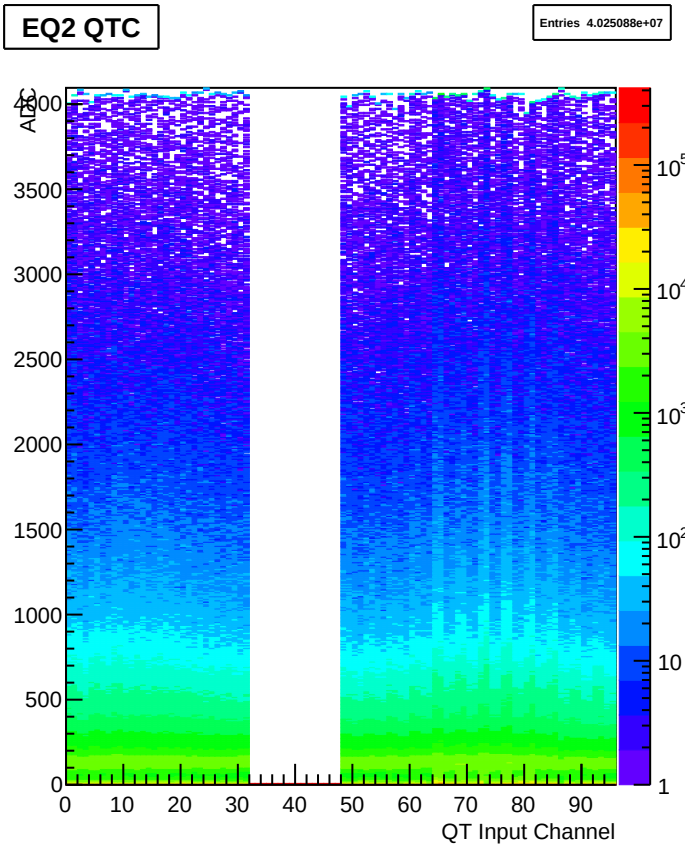

EQ1 QTB
Entries 4.132689e+07
TDC
QT Input Channel

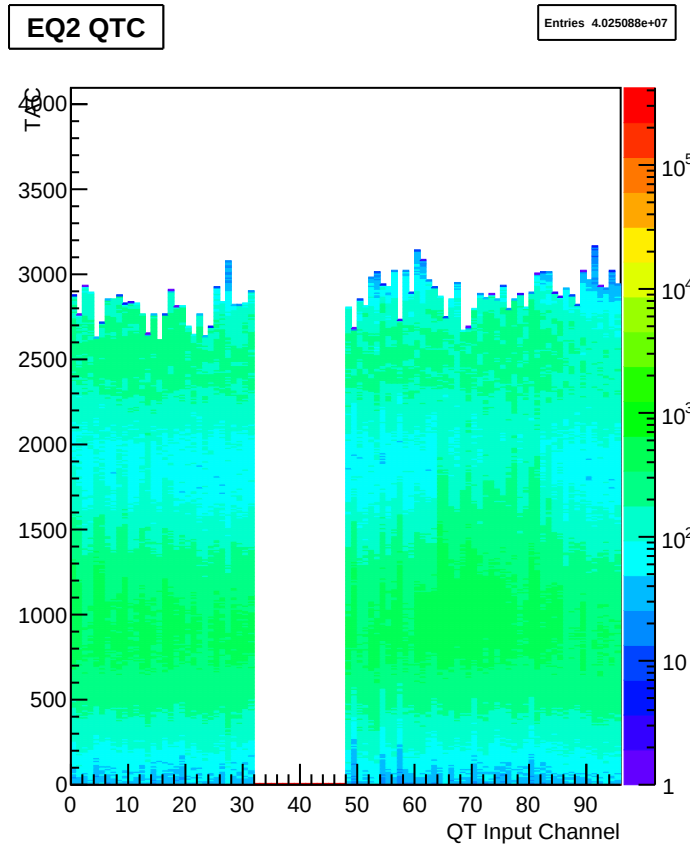

EQ1 QTC
Entries 4.025088e+07
ADC
QT Input Channel

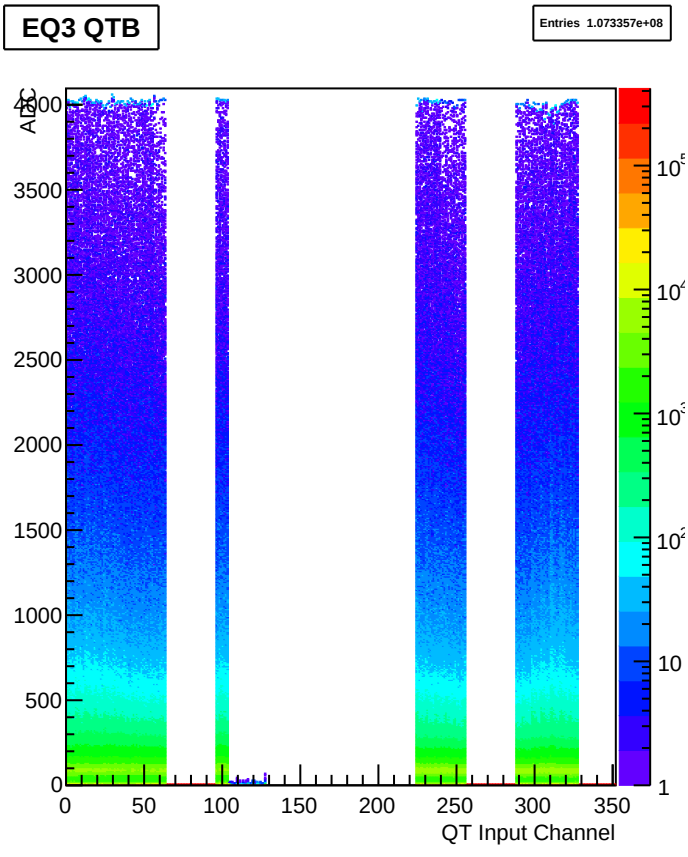

EQ1 QTC
Entries 4.025088e+07
TADC
QT Input Channel

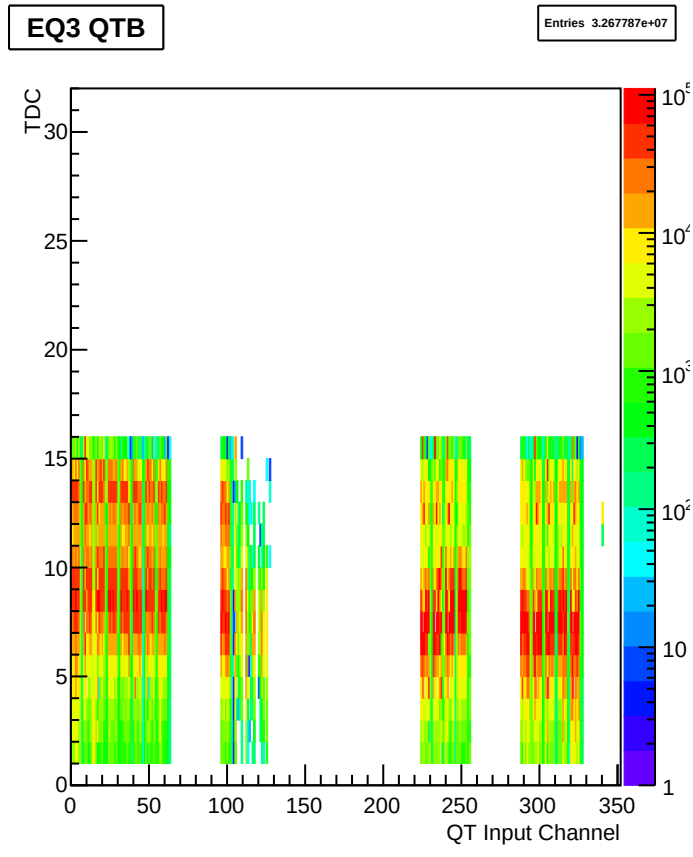

EQ2 QTB
Entries 1.207526e+08
ADC
QT Input Channel

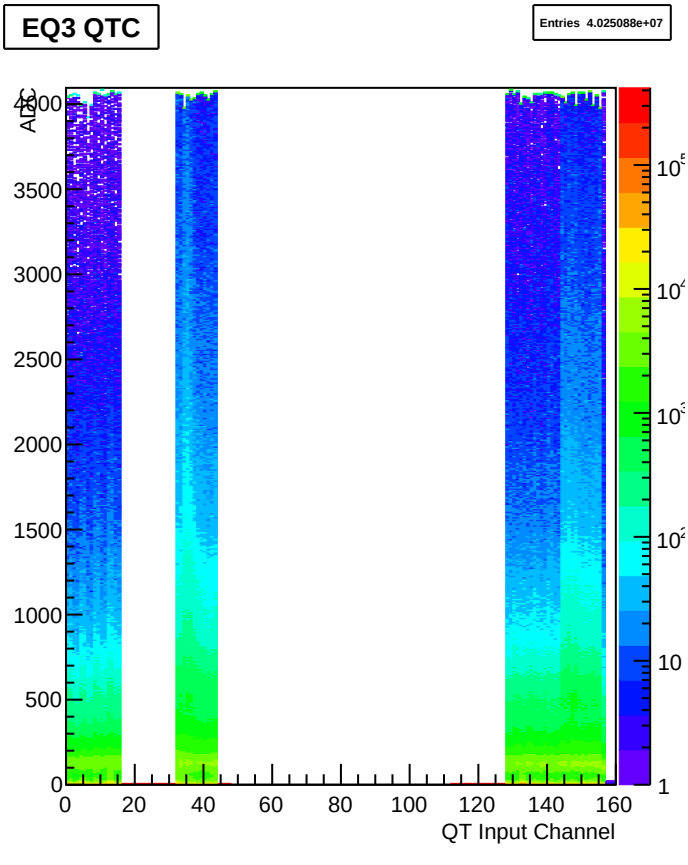

EQ2 QTB
Entries 3.980833e+07
TDC
QT Input Channel

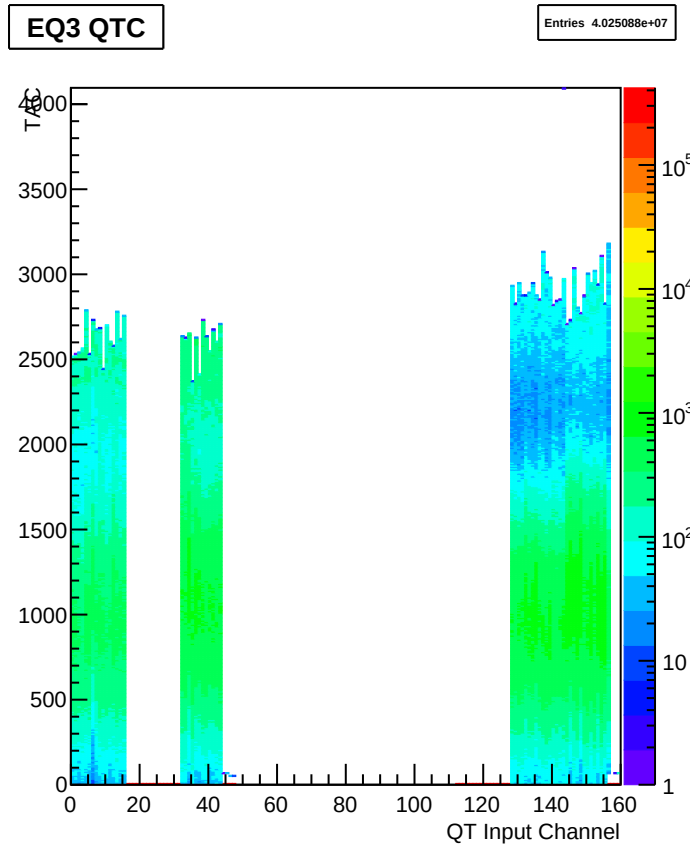

EQ2 QTC
Entries 4.025088e+07
ADC
QT Input Channel

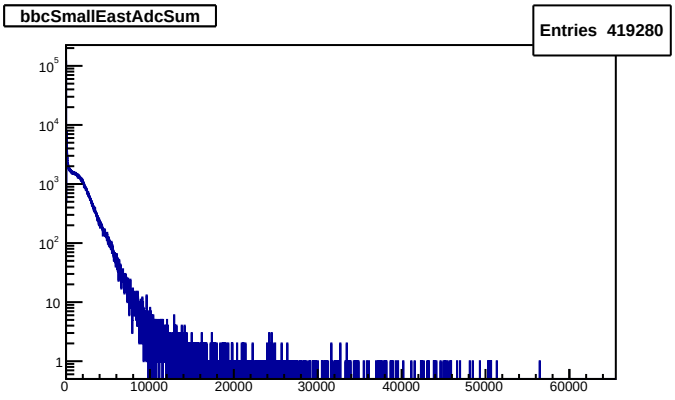

EQ2 QTC
Entries 4.025088e+07
TADC
QT Input Channel

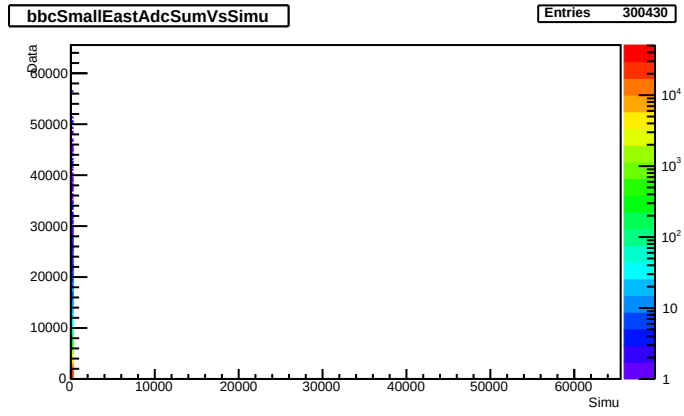

EQ3 QTB
Entries 1.073357e+08
ADC
QT Input Channel

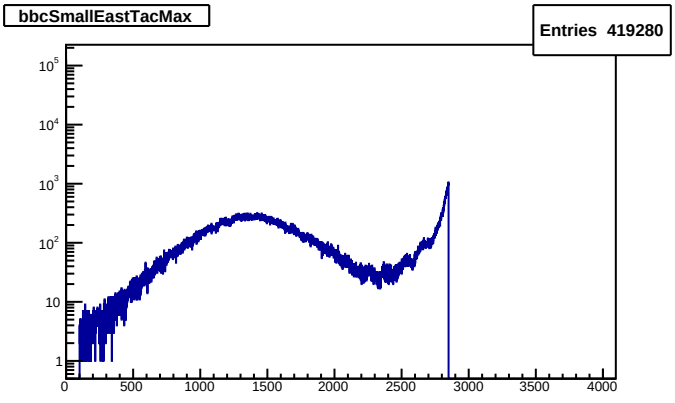

EQ3 QTB
Entries 3.267787e+07
TDC
QT Input Channel

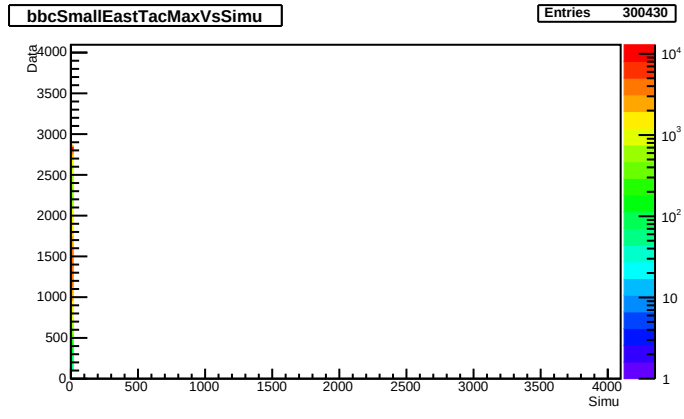

EQ3 QTC
Entries 4.025088e+07
ADC
QT Input Channel

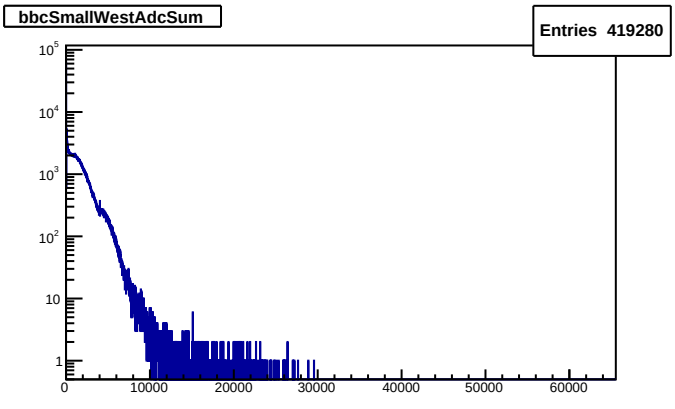

EQ3 QTC
Entries 4.025088e+07
TADC
QT Input Channel

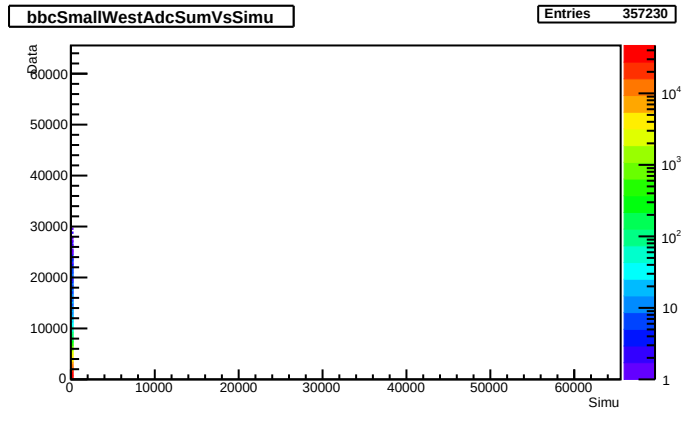

bbcSmallEastAdcSum
Entries 419280

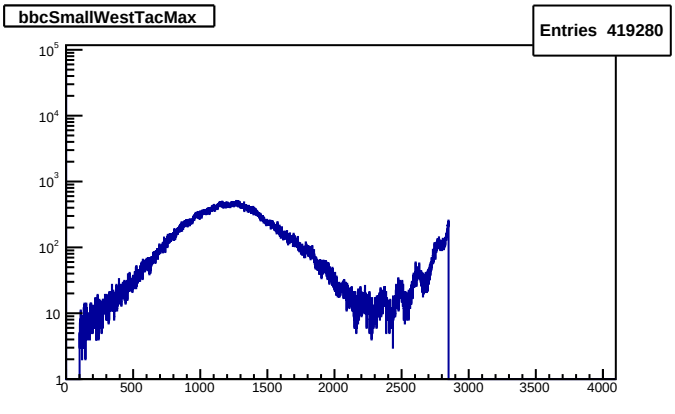

bbcSmallEastAdcSumVsSimu
Entries 300430
Data
Simu

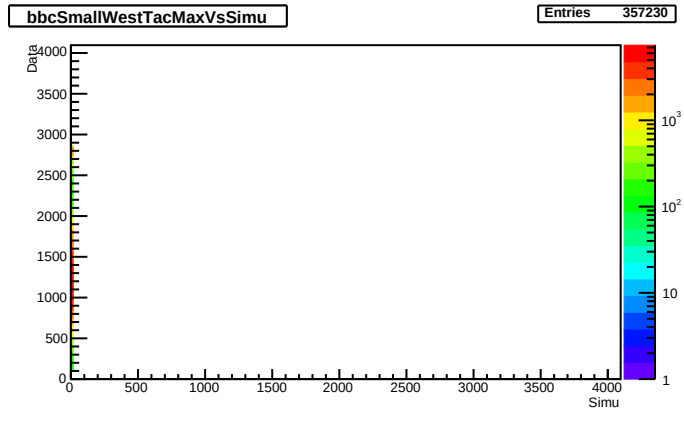

bbcSmallEastTacMax
Entries 419280

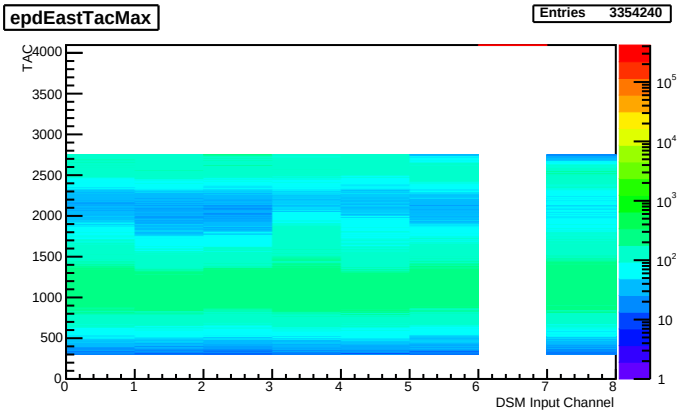

bbcSmallEastTacMaxVsSimu
Entries 300430
Data
Simu

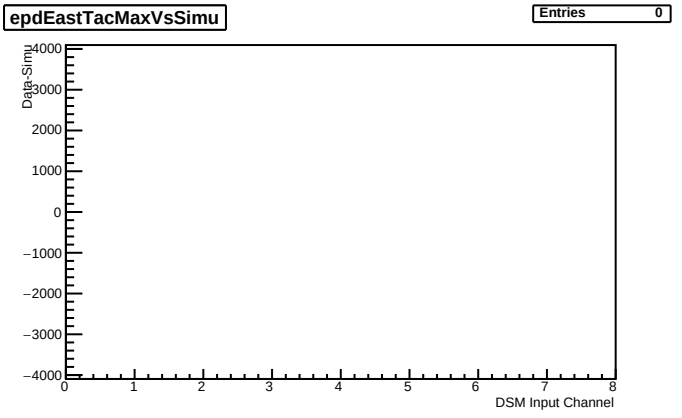

bbcSmallWestAdcSum
Entries 419280

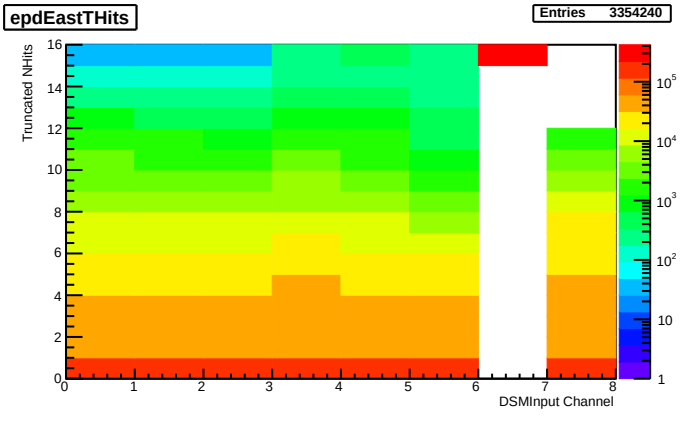

bbcSmallWestAdcSumVsSimu
Entries 357230
Data
Simu

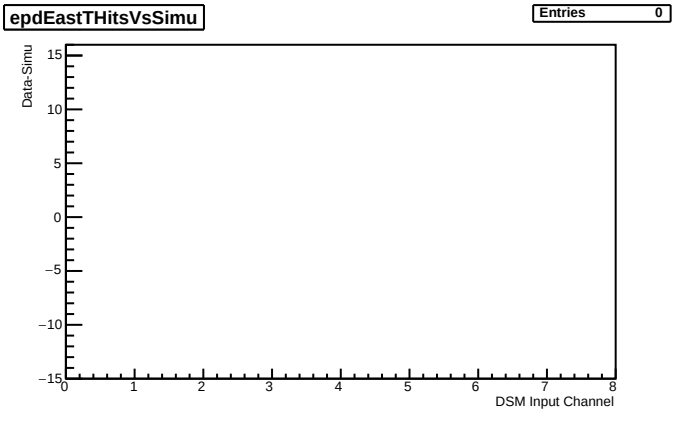

bbcSmallWestTacMax
Entries 419280


bbcSmallWestTacMaxVsSimu
Entries 357230
Data
Simu


epdEastTacMax
Entries 3354240
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3354240
Truncated NHits
DSMInput Channel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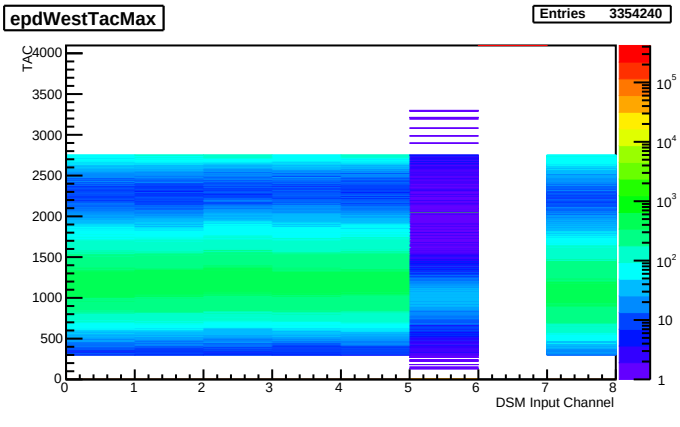
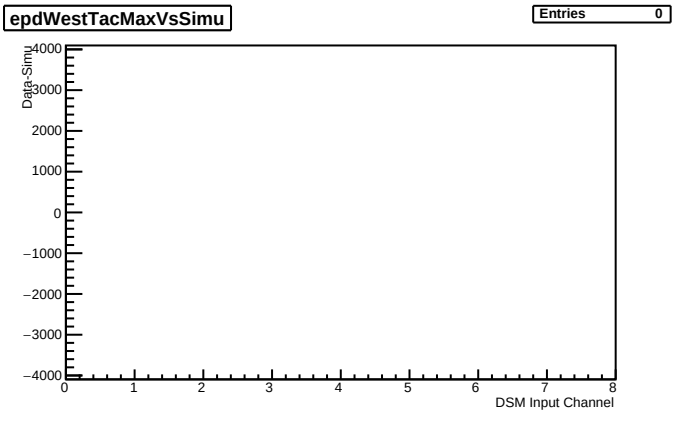
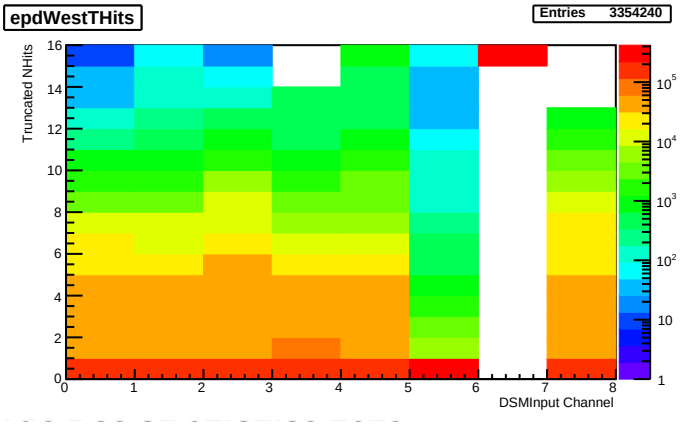
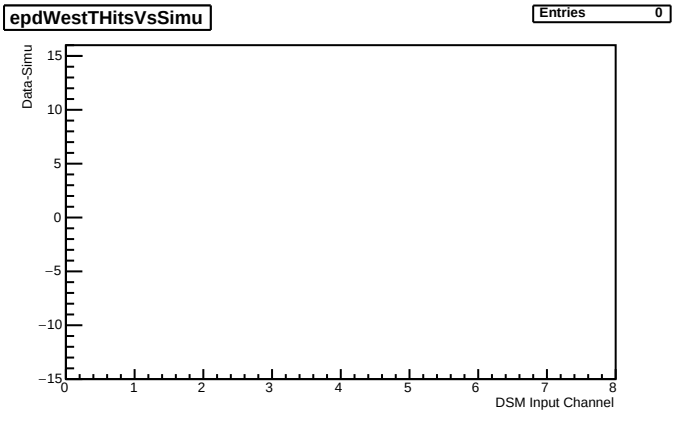
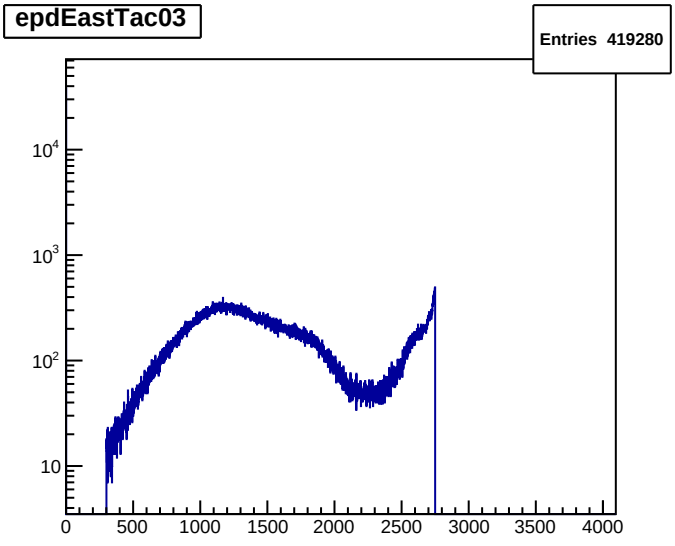
Entries 0
Data-Simu
DSM Input Channel

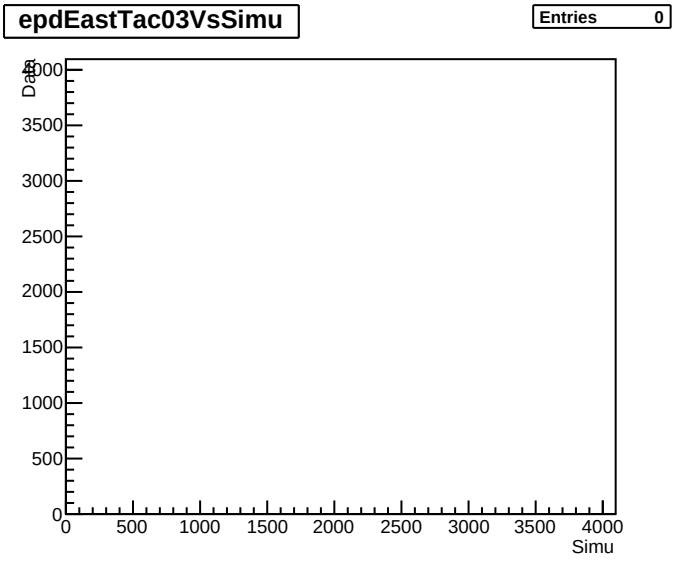

epdWestTacMax
Entries 3354240
TAC
DSM Input Channel

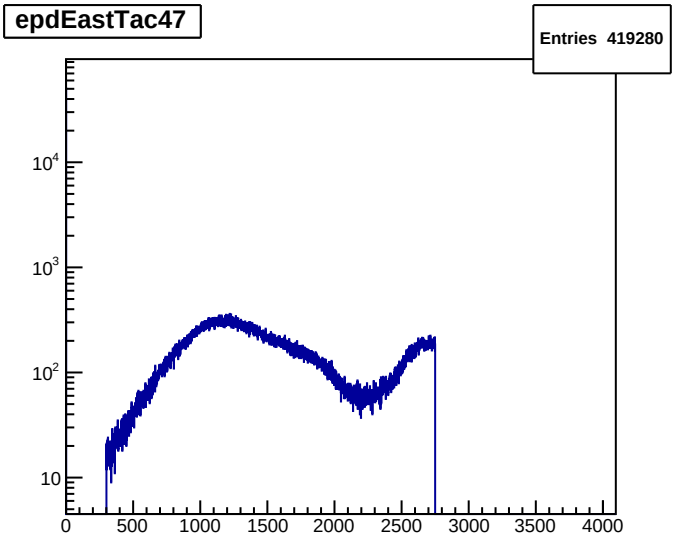

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

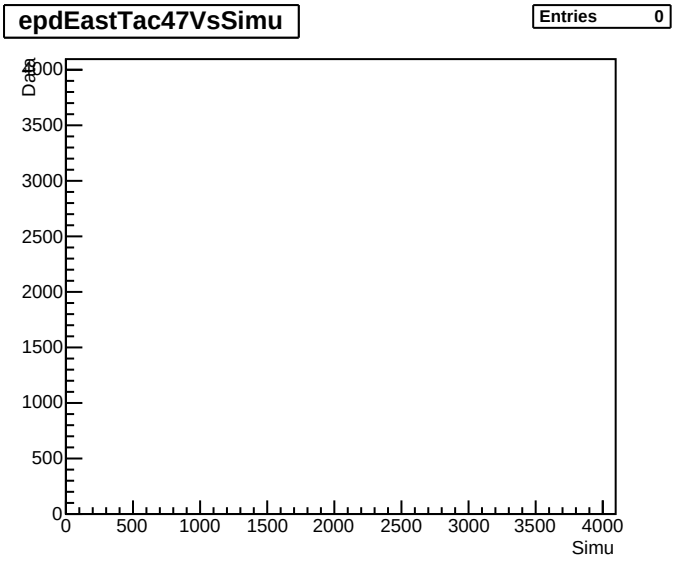

epdWestTHits
Entries 3354240
Truncated NHits
DSMInput Channel

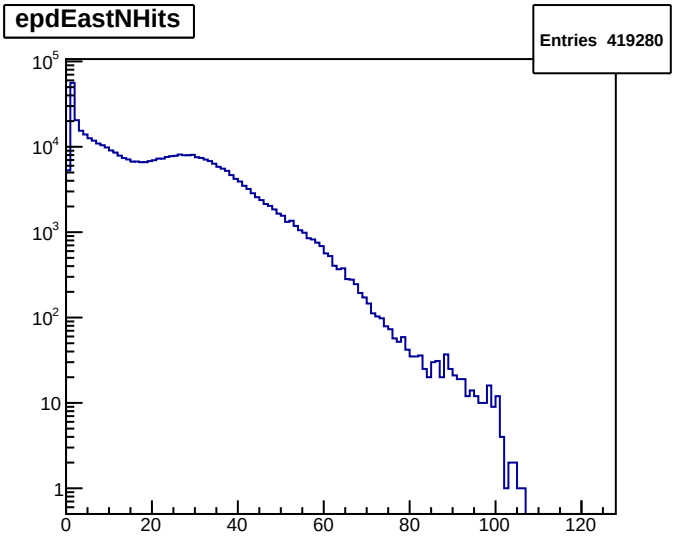

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

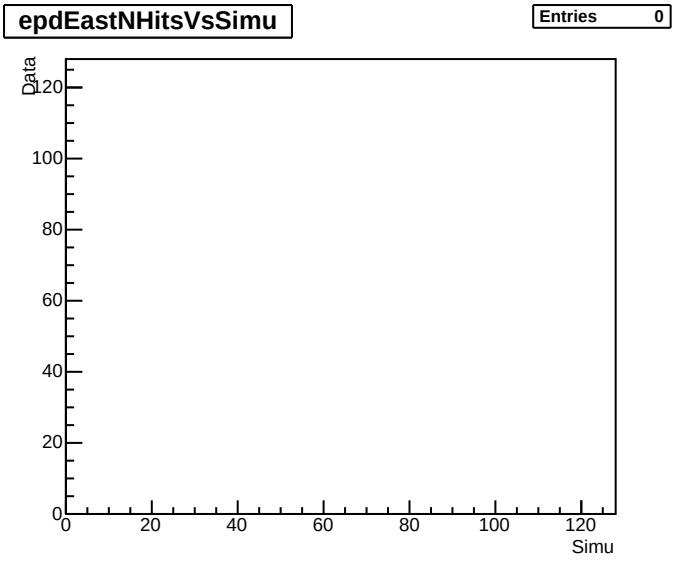

epdEastTac03
Entries 419280


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 419280


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 419280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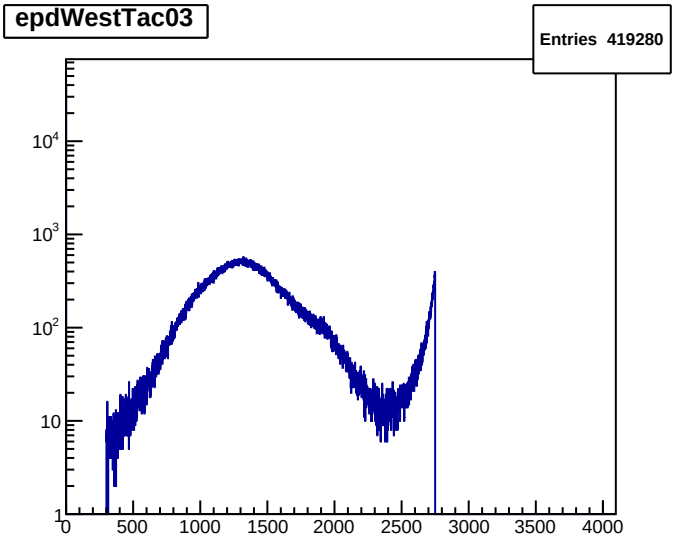
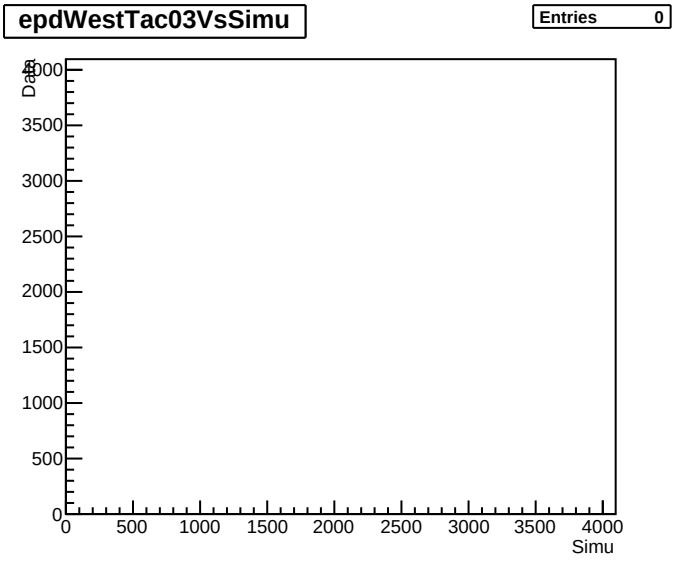
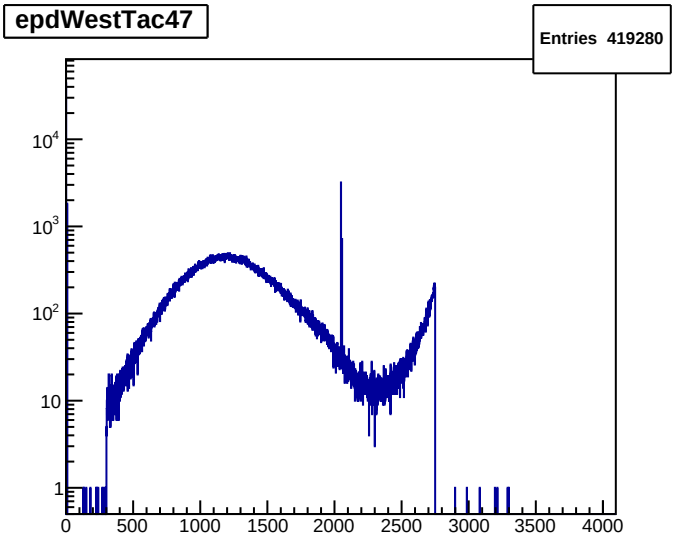
Entries 0
Data
Simu


epdWestTac03
Entries 419280


epdWestTac03VsSimu
Entries 0
Data
Simu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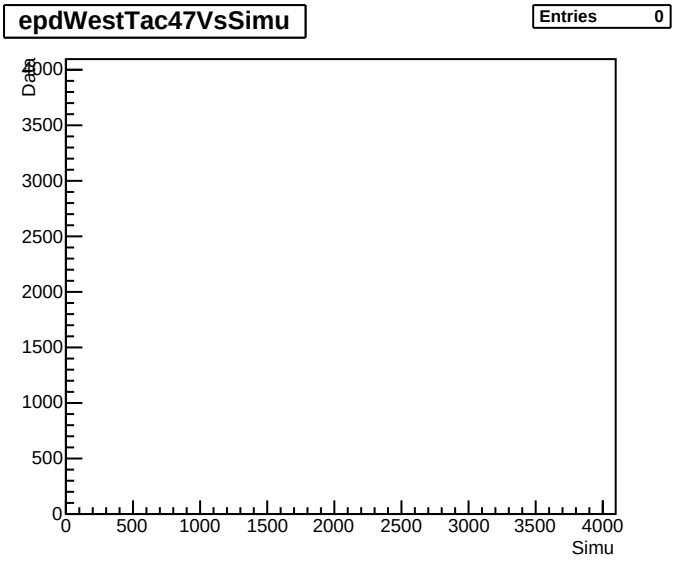
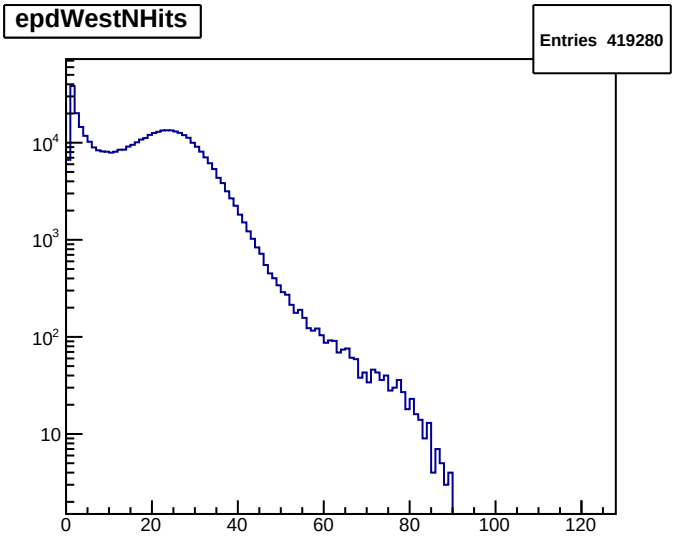
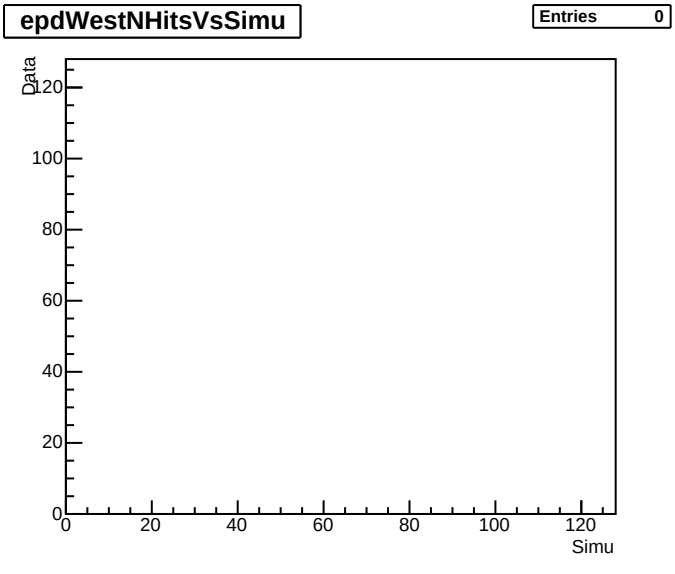
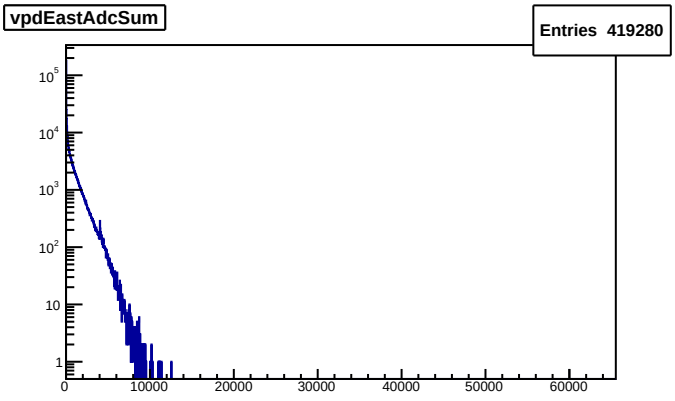
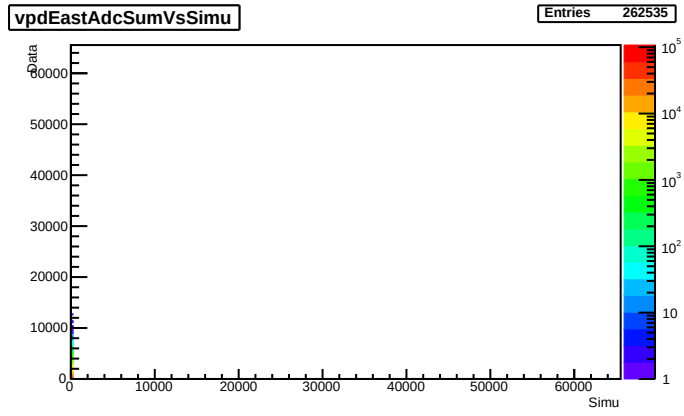
Entries 419280

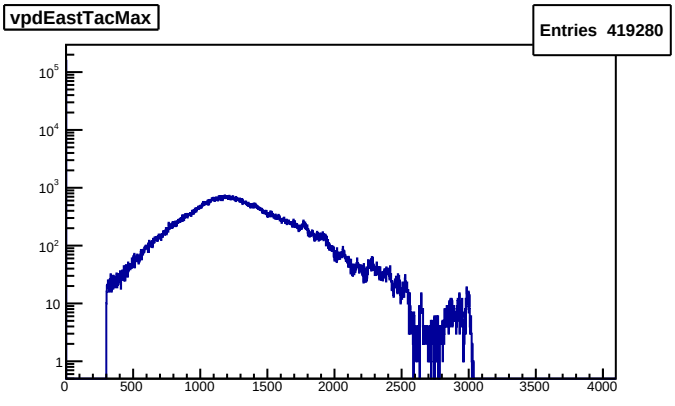

epdWestTac47VsSimu
Entries 0
Data
Simu

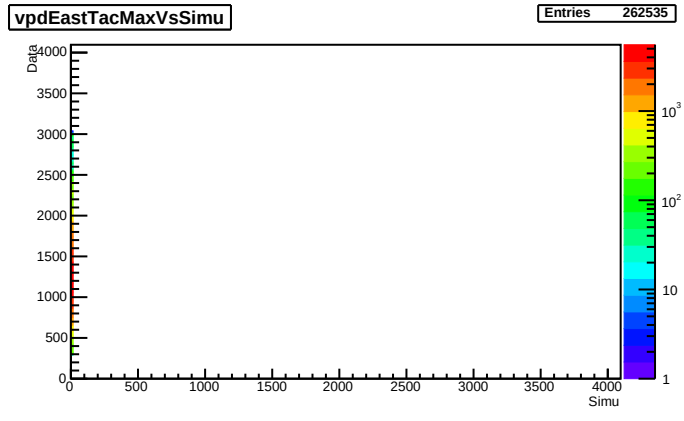

epdWestNHits
Entries 419280

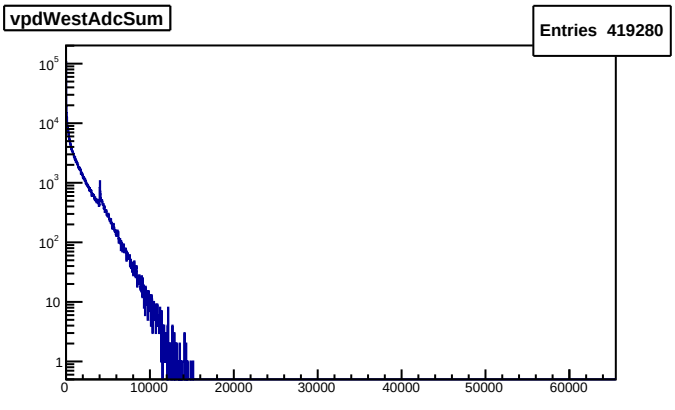

epdWestNHitsVsSimu
Entries 0
Data
Simu

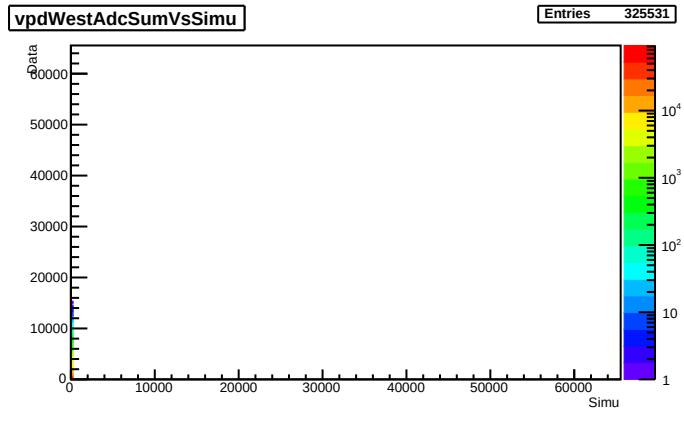

vpdEastAdcSum
Entries 419280

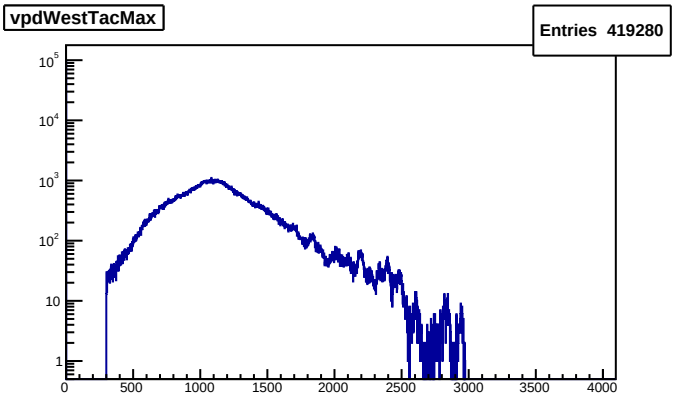

vpdEastAdcSumVsSimu
Entries 262535
Data
Simu

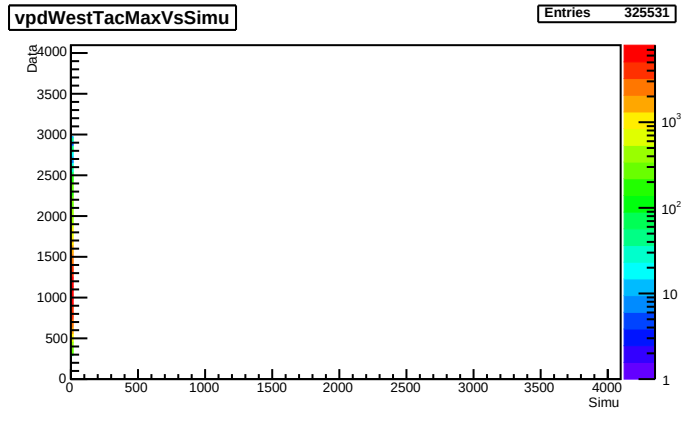

vpdEastTacMax
Entries 419280

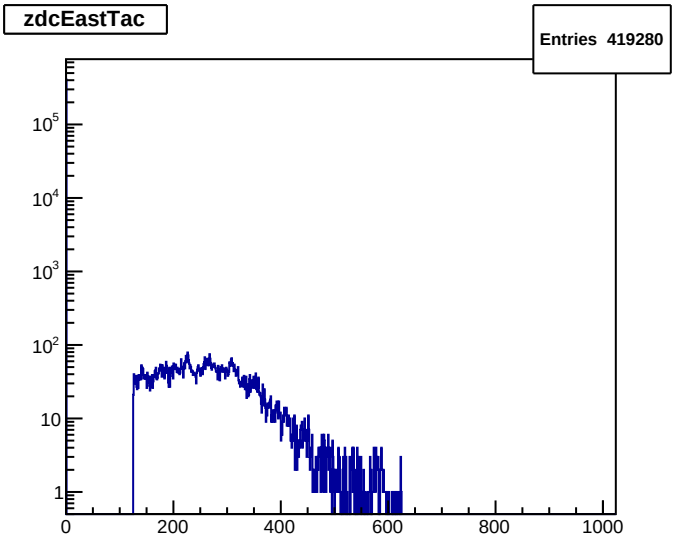

vpdEastTacMaxVsSimu
Entries 262535
Data
Simu

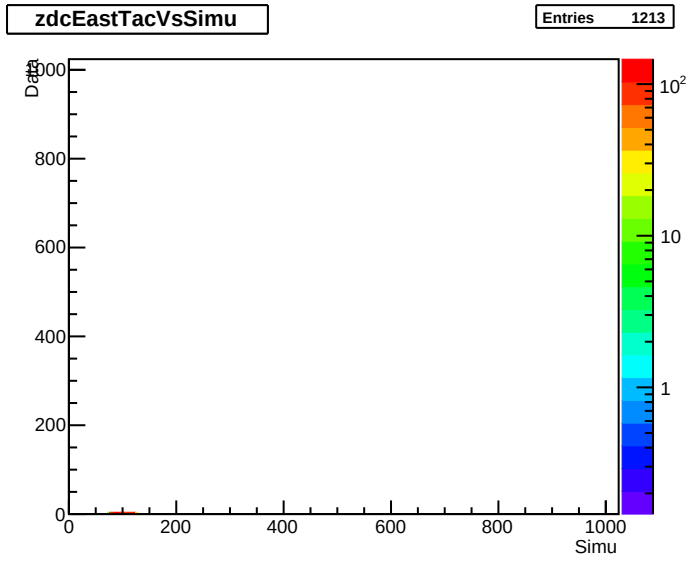

vpdWestAdcSum
Entries 419280

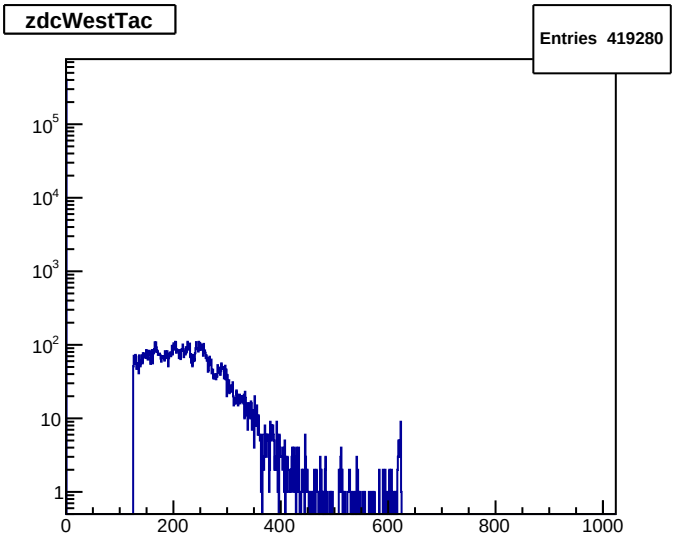

vpdWestAdcSumVsSimu
Entries 325531
Data
Simu

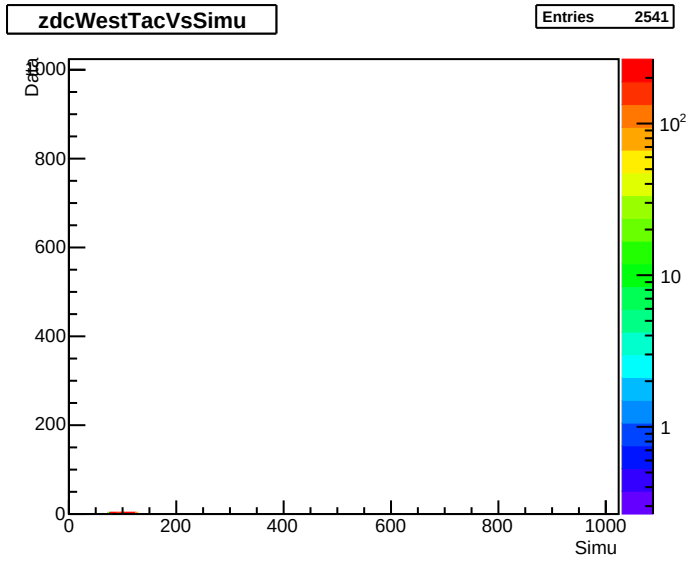

vpdWestTacMax
Entries 419280

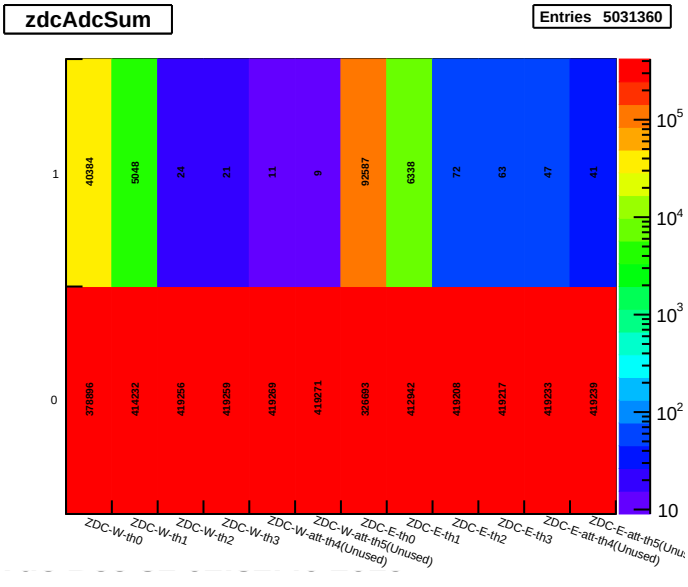

vpdWestTacMaxVsSimu
Entries 325531
Data
Simu

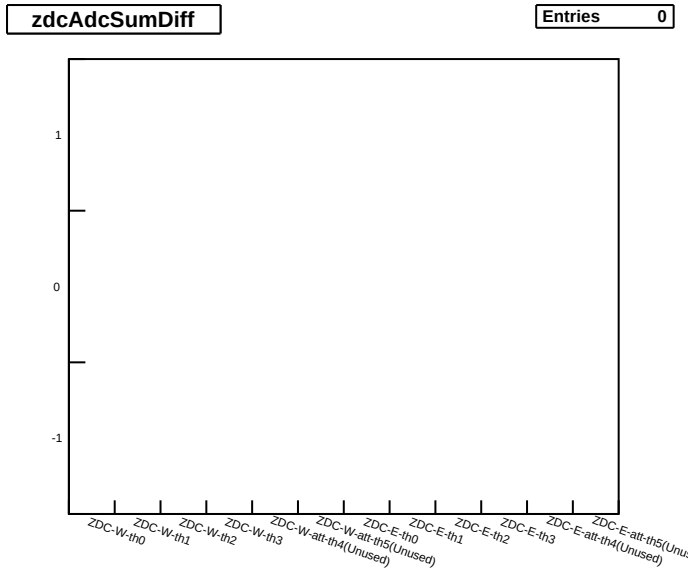

zdcEastTac
Entries 419280

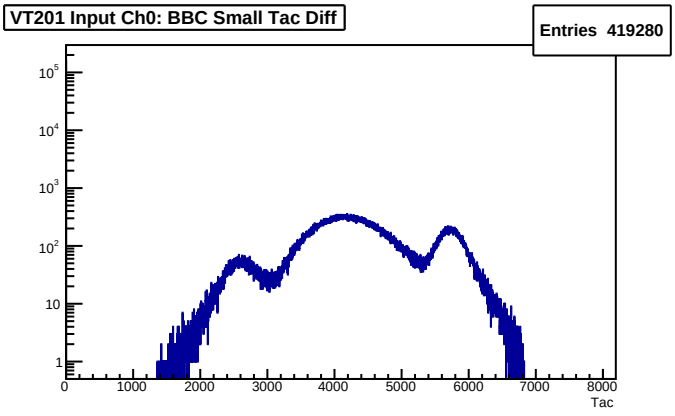

zdcEastTacVsSimu
Entries 1213
Data
Simu

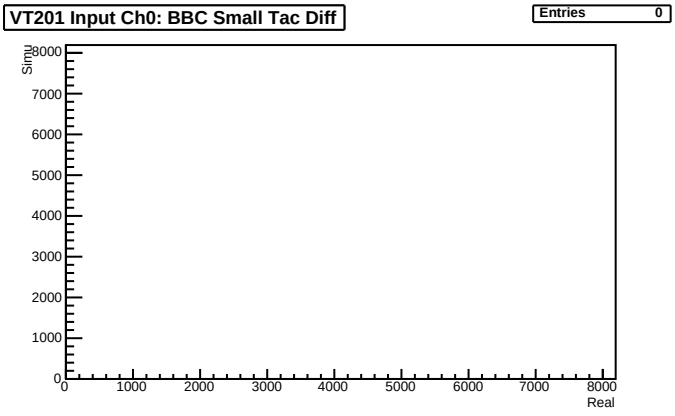

zdcWestTac
Entries 419280

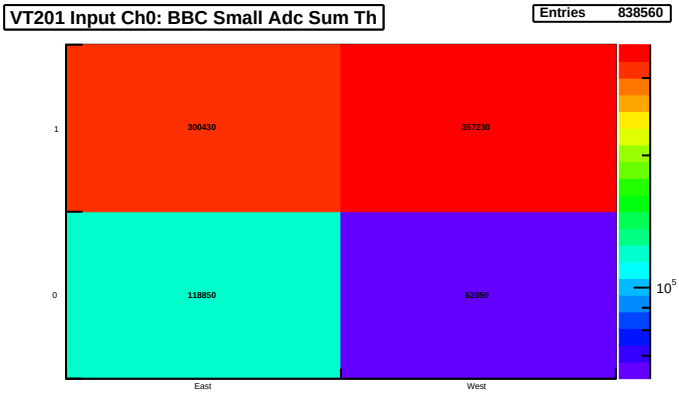

zdcWestTacVsSimu
Entries 2541
Data
Simu

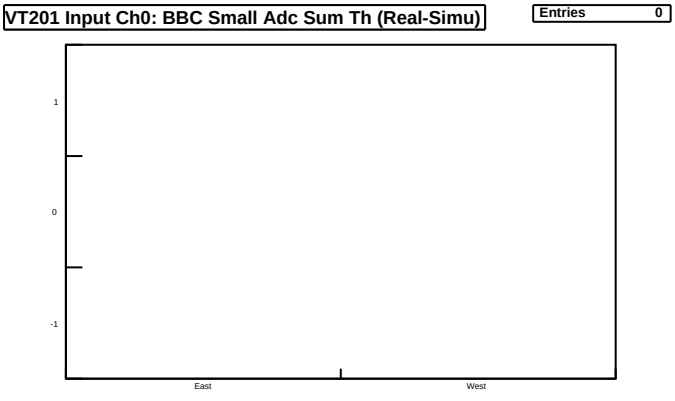

zdcAdcSum
Entries 5031360
40384
5048
24
21
11
9
92587
6338
72
63
47
41
378886
414232
419256
419259
419269
419271
326693
412942
419208
419217
419233
419239
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

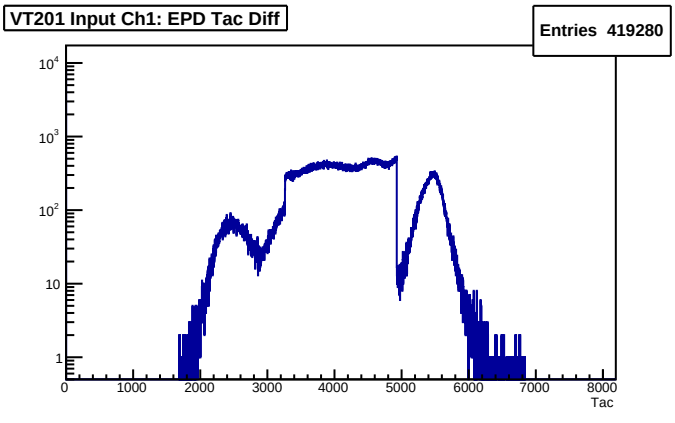

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

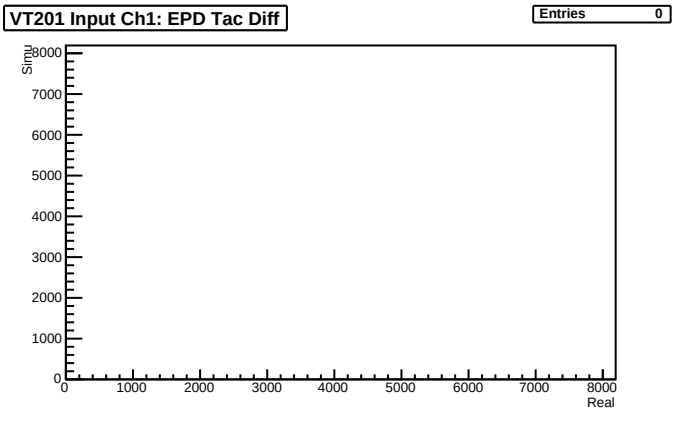

VT201 Input Ch0: BBC Small Tac Diff
Entries 419280
Tac

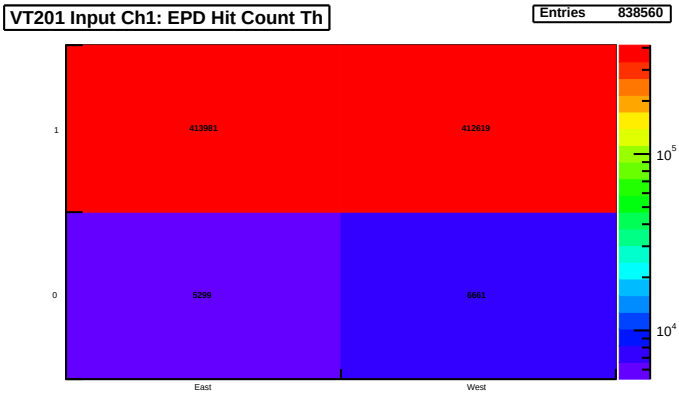

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

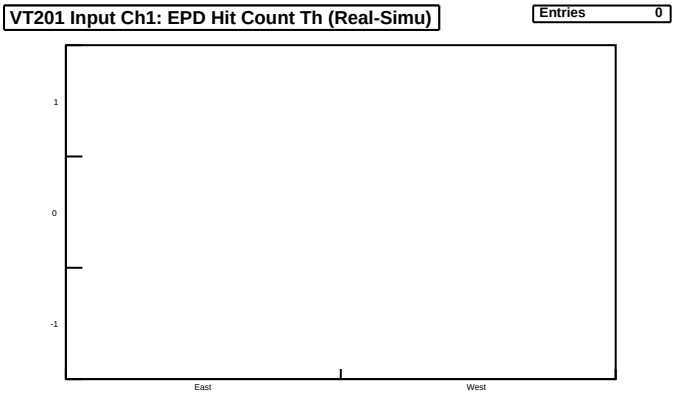

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 838560
300430
357230
118850
62050
East
West

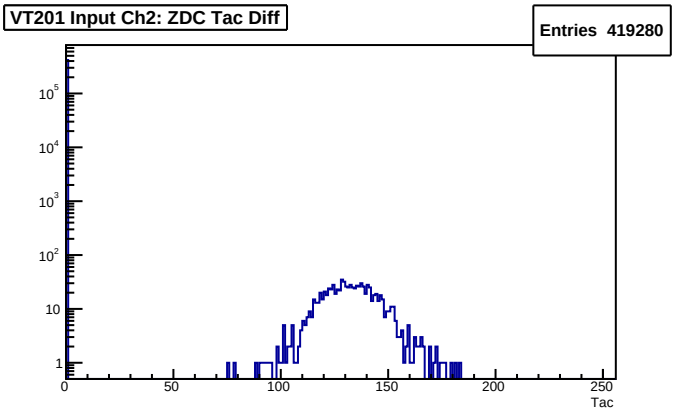

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

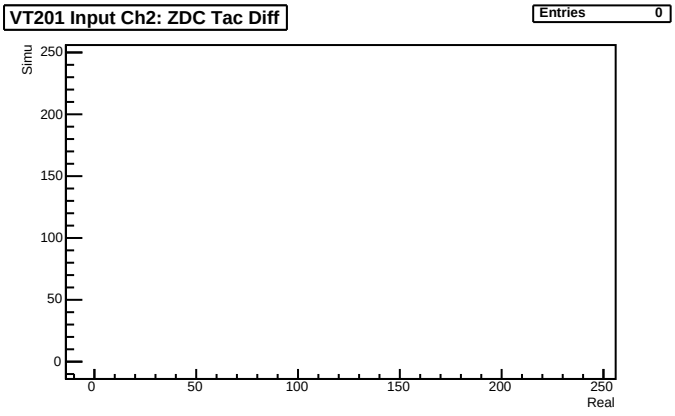

VT201 Input Ch1: EPD Tac Diff
Entries 419280
Tac

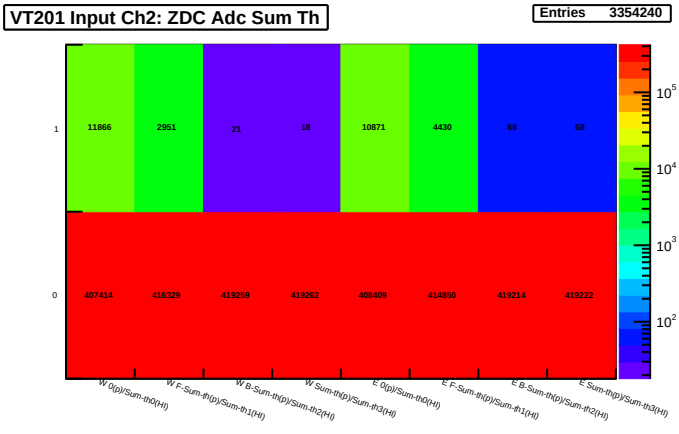

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

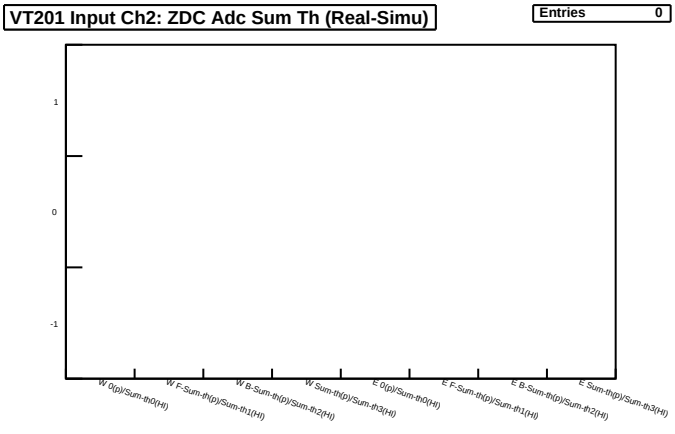

VT201 Input Ch1: EPD Hit Count Th
Entries 838560
413981
412619
5299
6661
East
West

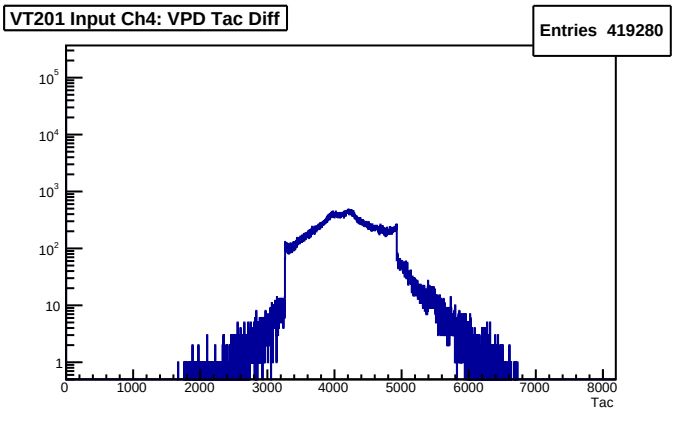

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

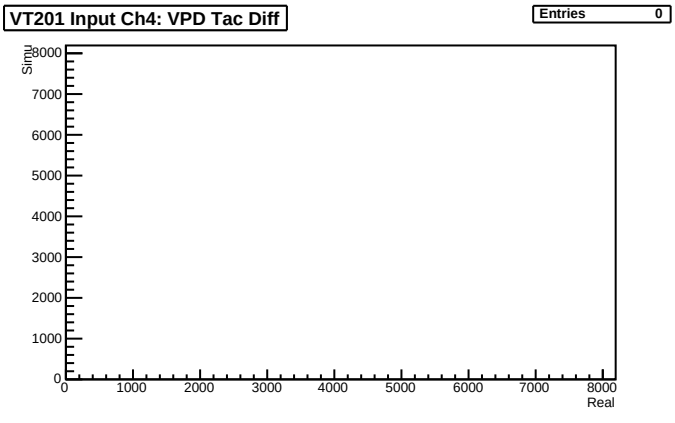

VT201 Input Ch2: ZDC Tac Diff
Entries 419280
Tac

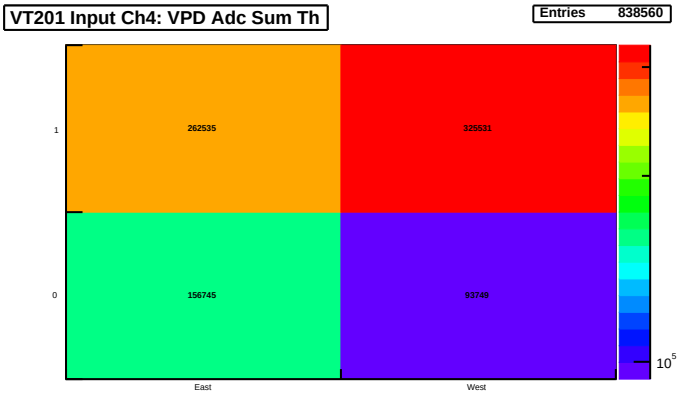

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

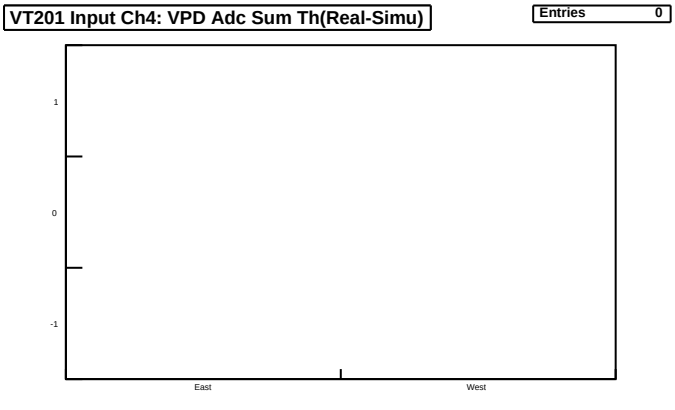

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3354240
11866
2951
21
18
10871
4430
66
58
407414
416329
419259
419262
408409
414850
419214
419222
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

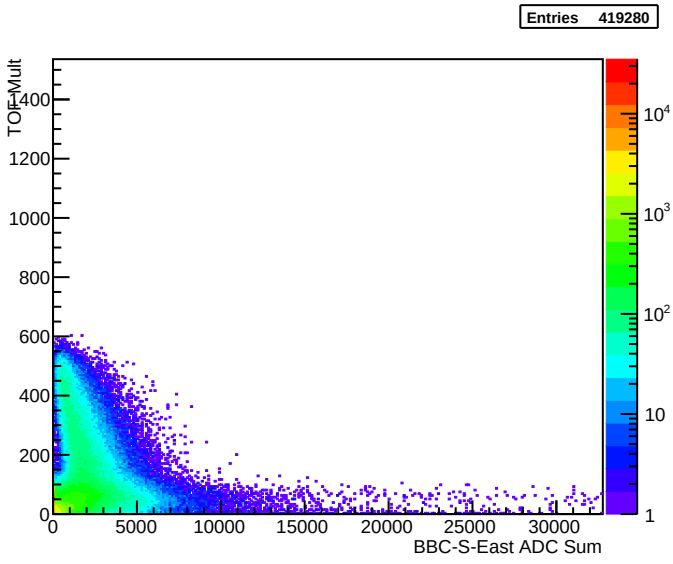

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

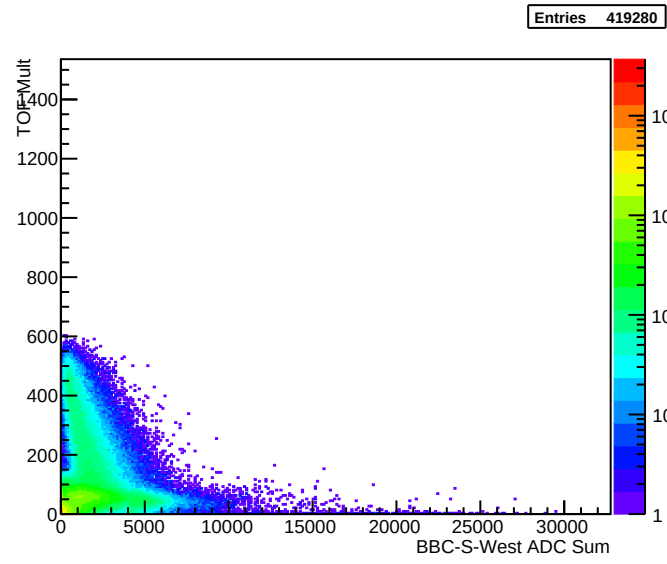

VT201 Input Ch4: VPD Tac Diff
Entries 419280
Tac

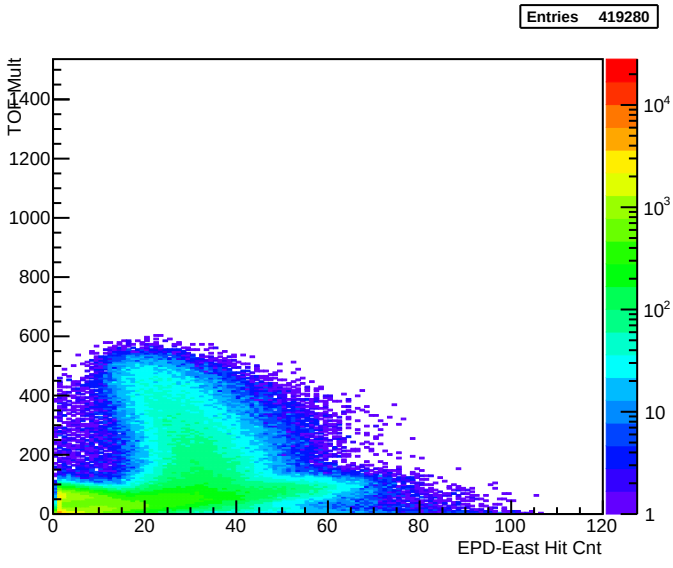

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

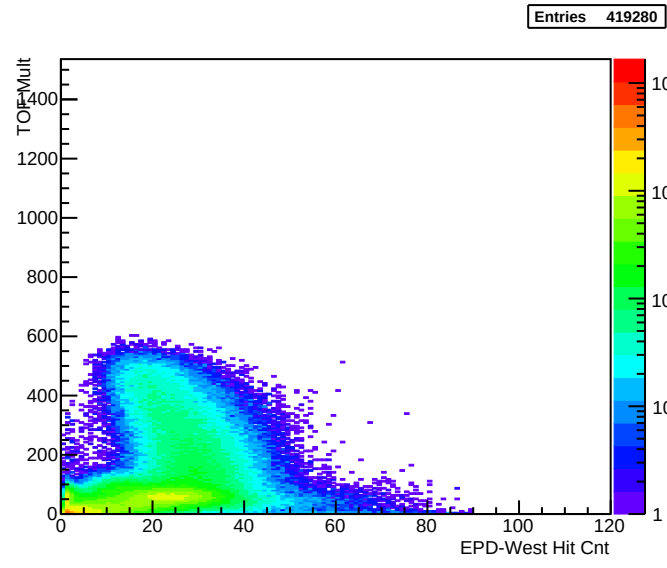

VT201 Input Ch4: VPD Adc Sum Th
Entries 838560
262535
325531
156745
93749
East
West

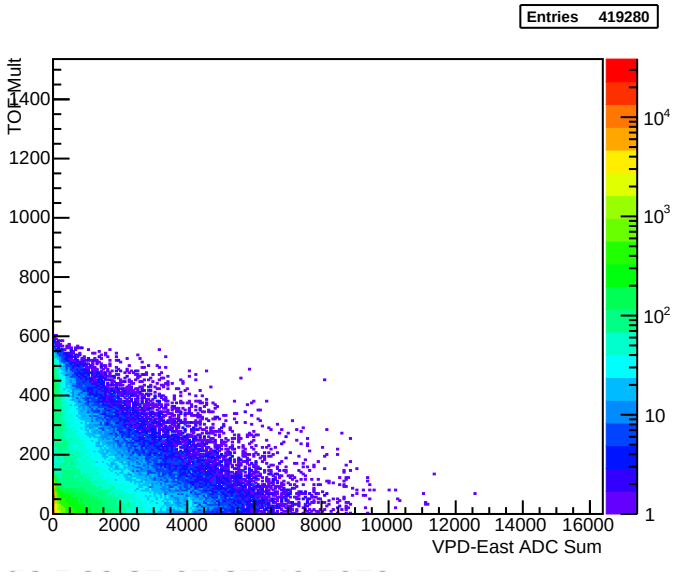

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

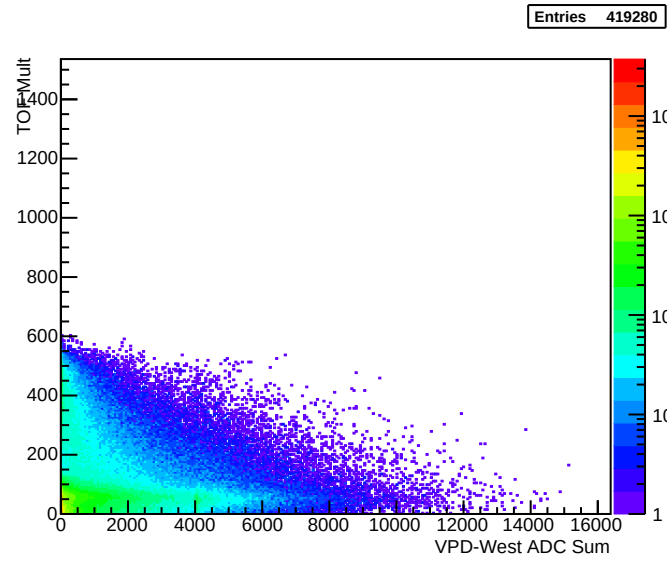

Entries 419280
TOF-Mult
BBC-S-East ADC Sum

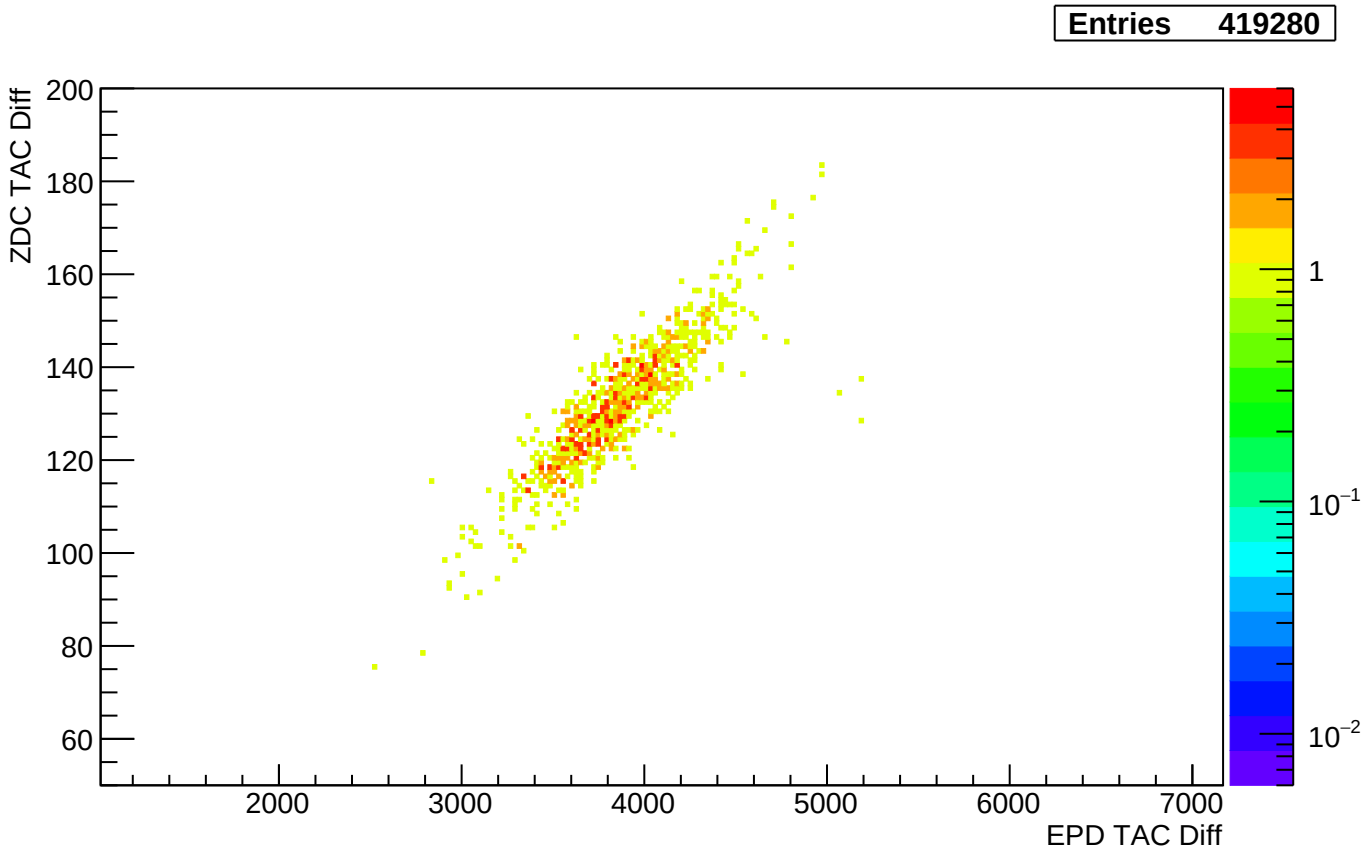

Entries 419280
TOF-Mult
BBC-S-West ADC Sum

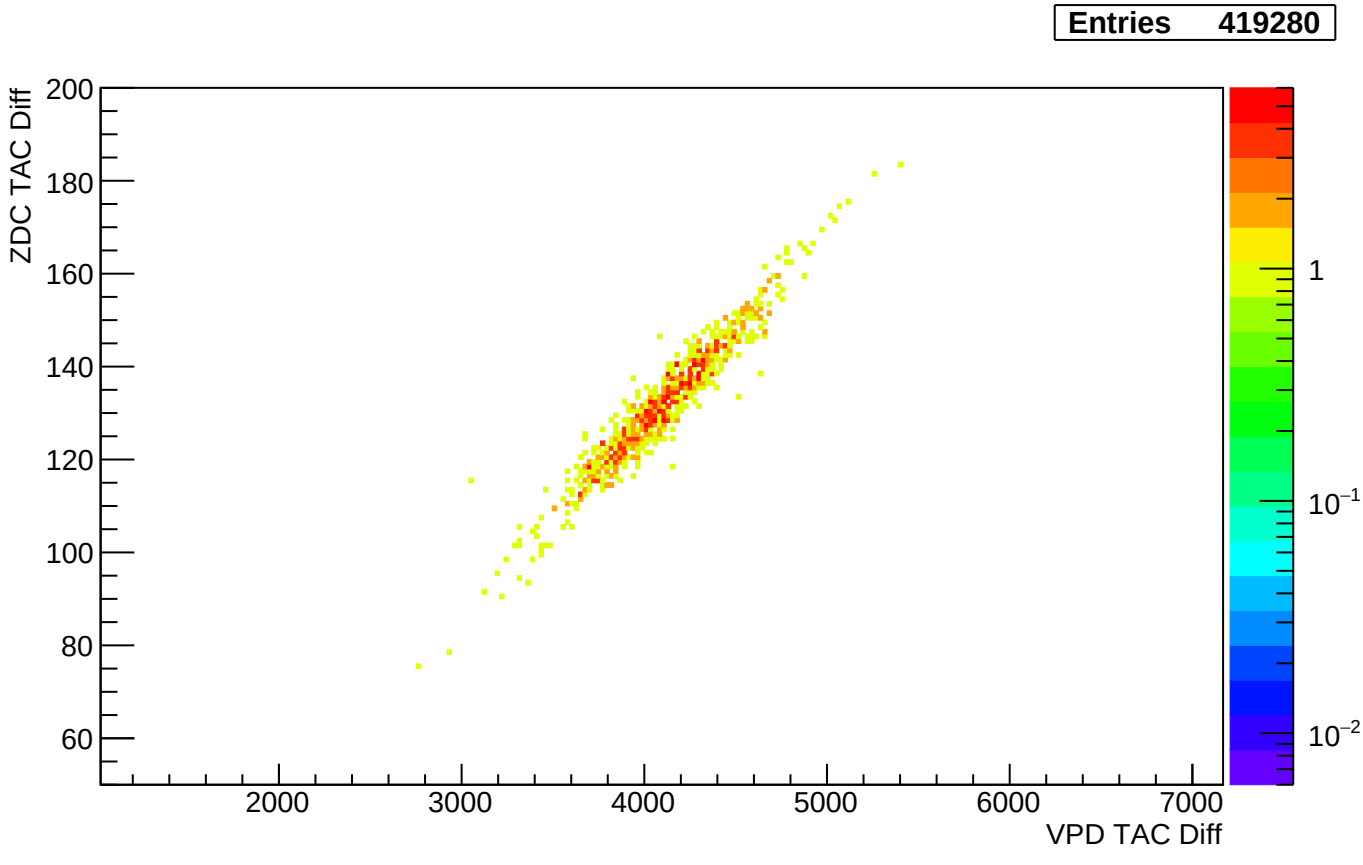

Entries 419280
TOF-Mult
EPD-East Hit Cnt

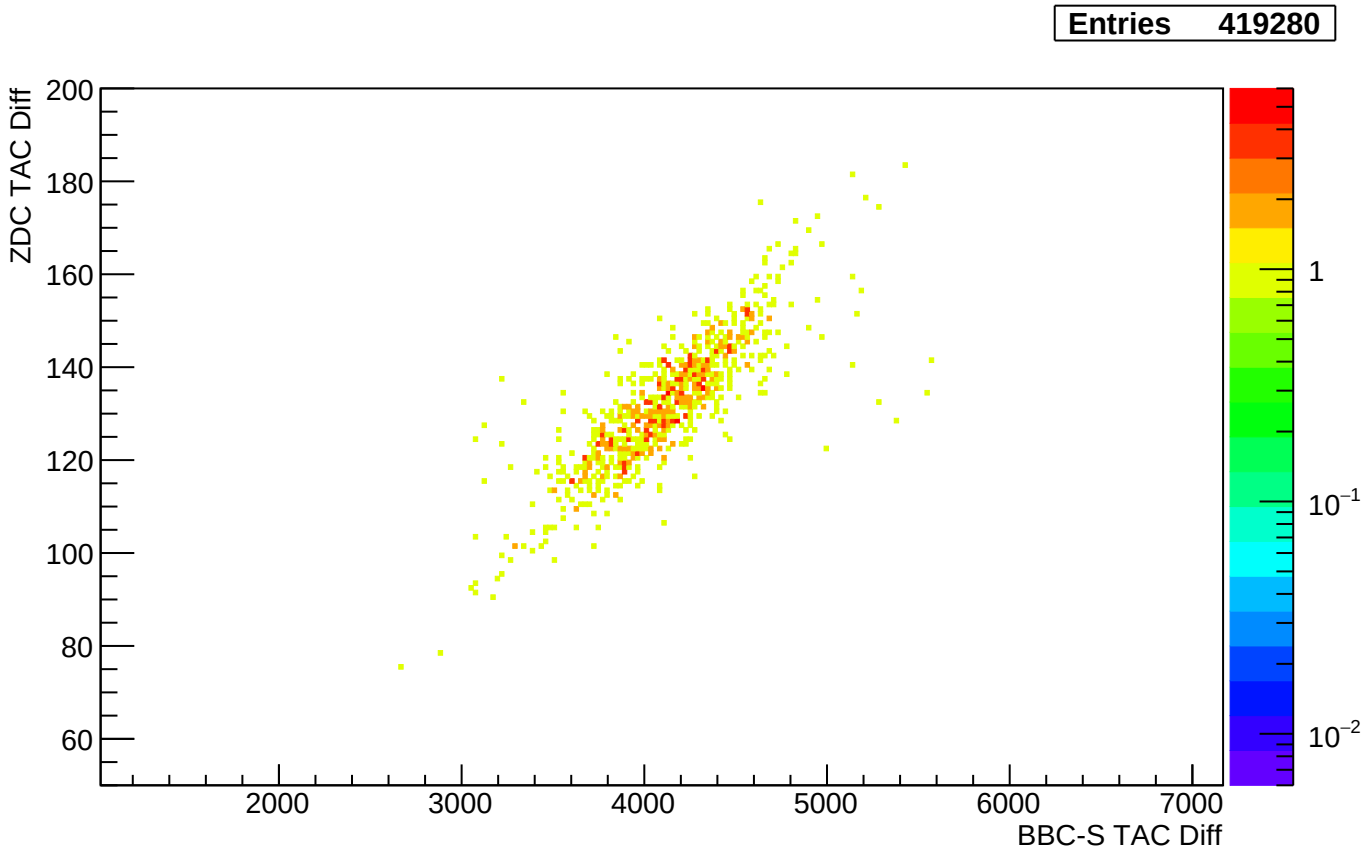

Entries 419280
TOF-Mult
EPD-West Hit Cnt

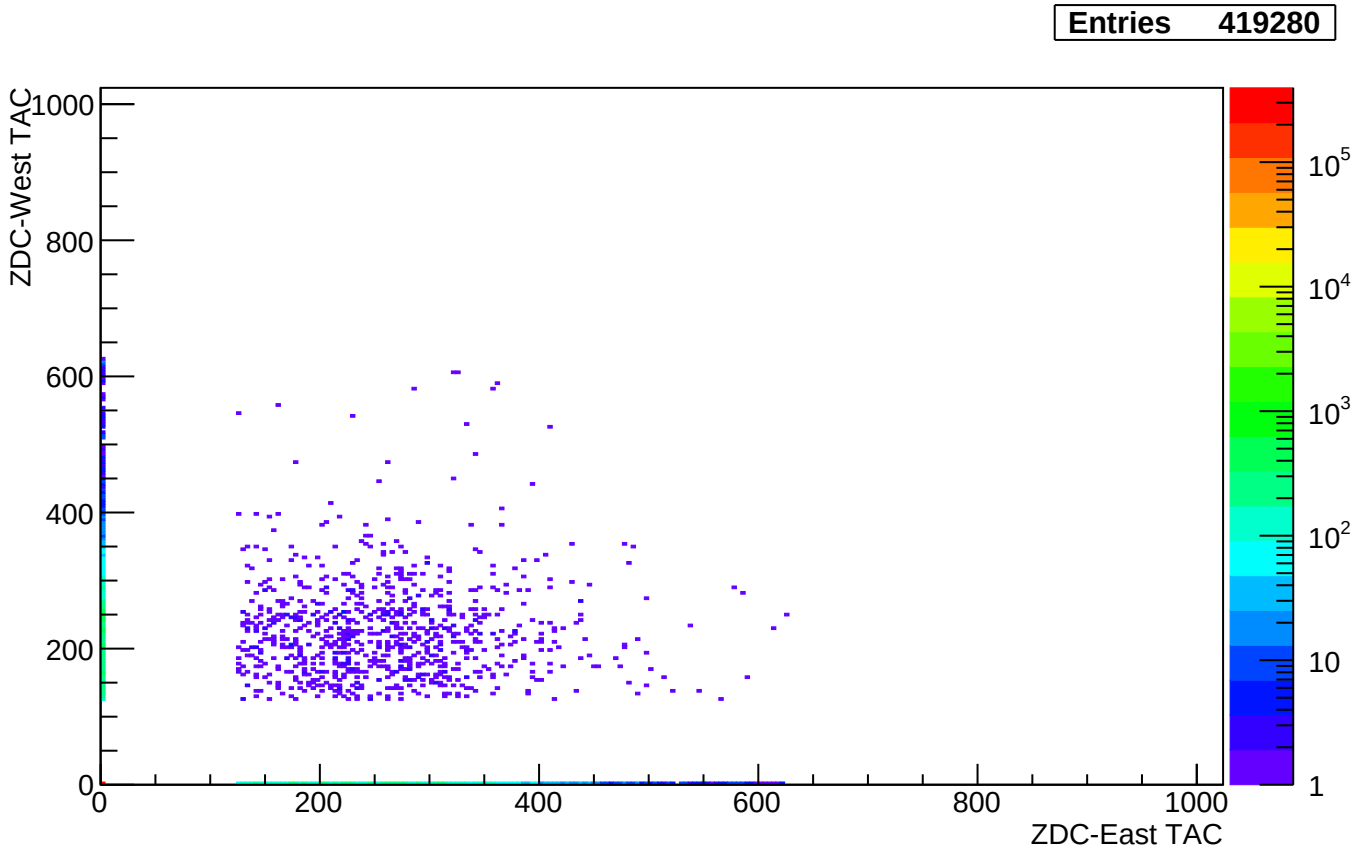

Entries 419280
TOF-Mult
VPD-East ADC Sum

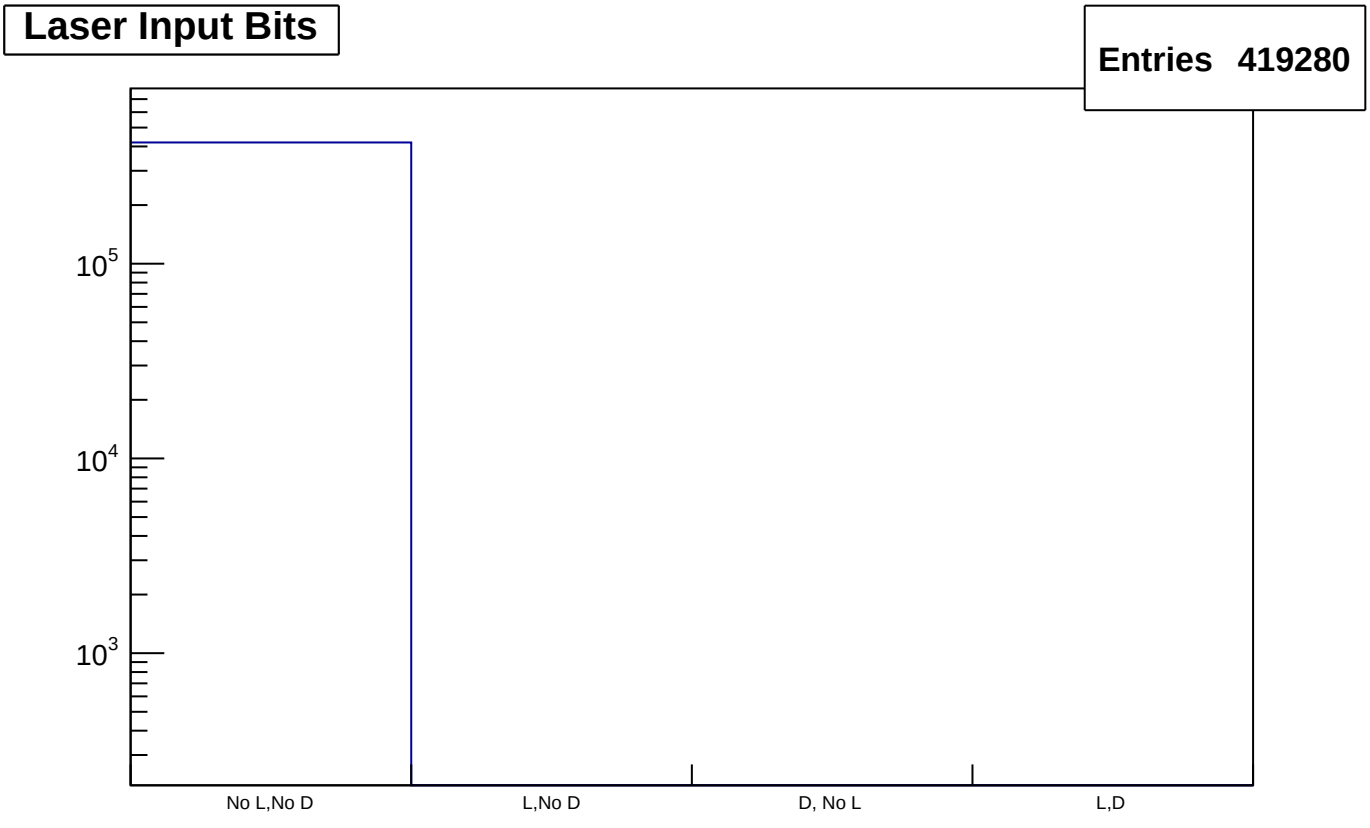

Entries 419280
TOF-Mult
VPD-West ADC Sum

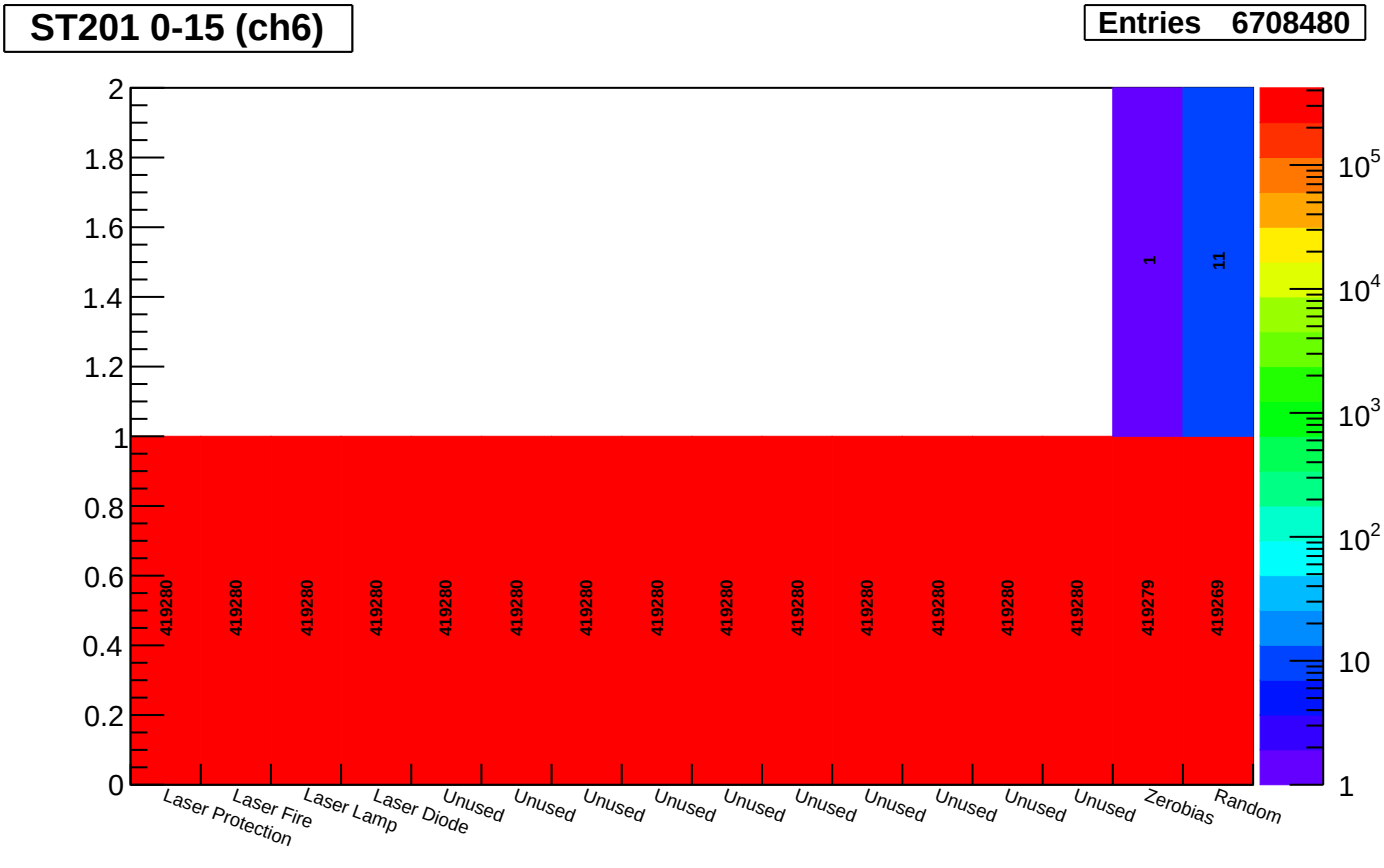

Entries 419280
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

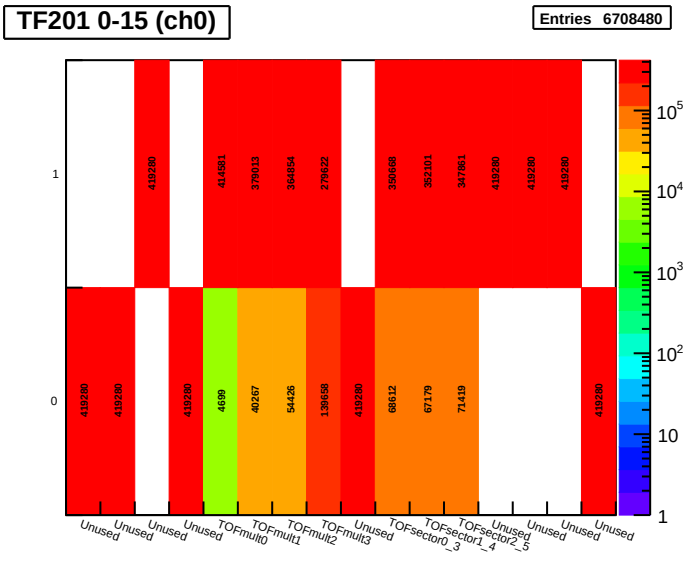

Entries 419280
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

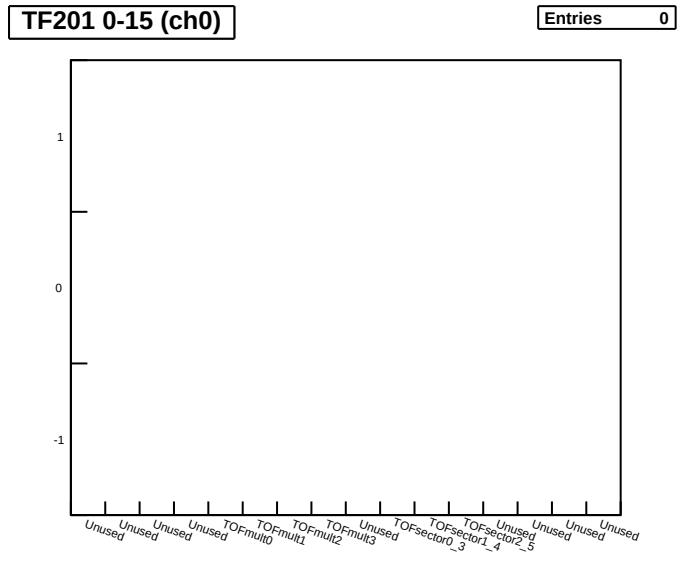

Entries 419280
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

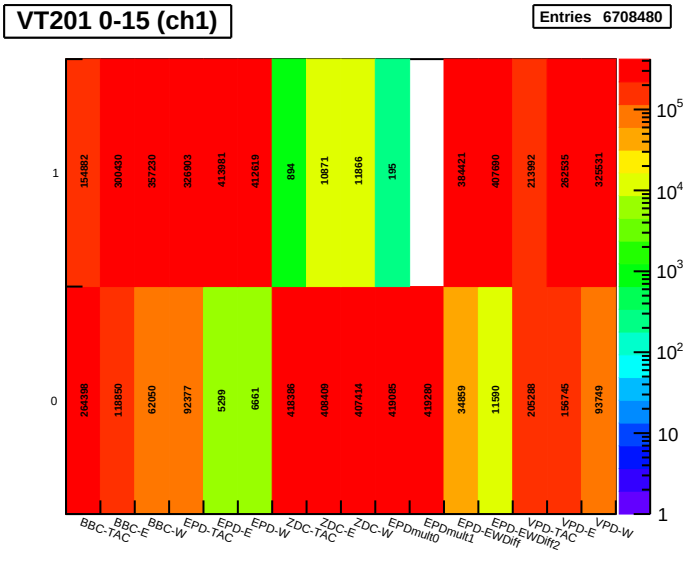

Entries 419280
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

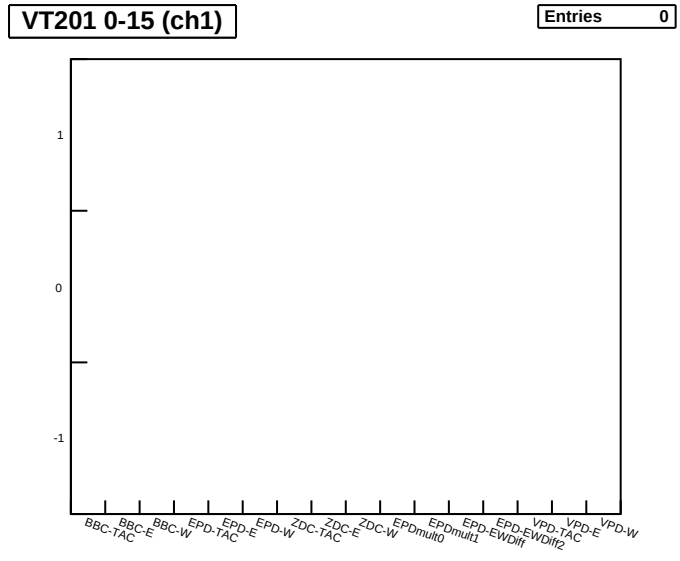

Laser Input Bits
Entries 419280
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

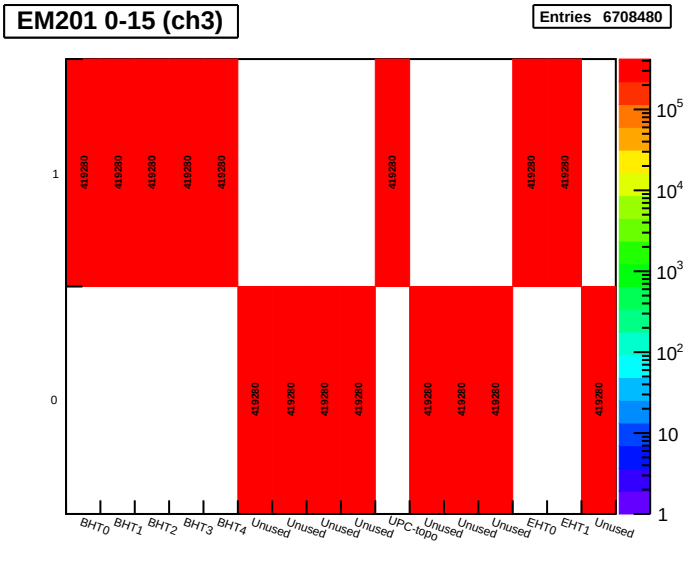

ST201 0-15 (ch6)
Entries 6708480
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
419280
419280
419280
419280
419280
419280
419280
419280
419280
419280
419280
419280
419280
419280
419279
419269
1
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

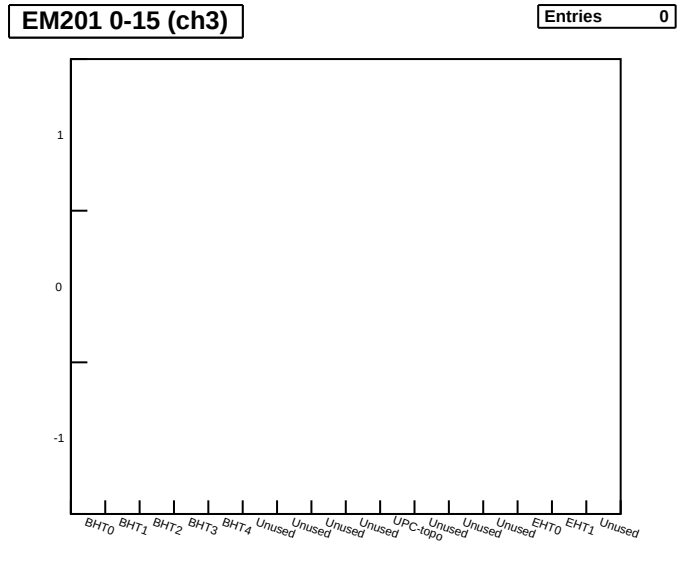

TF201 0-15 (ch0)
Entries 6708480
1
0
419280
414581
379013
364854
279622
350668
352101
347861
419280
419280
419280
419280
419280
4699
40267
54426
139658
419280
68612
67179
71419
419280
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 6708480
1
0
154862
300430
357230
326803
413981
412619
894
10871
11866
195
384421
407690
213992
262535
326531
264398
118850
62050
92377
5299
6661
418386
408409
407414
419085
419280
34659
11590
205288
156745
93749
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 6708480
1
0
419280
419280
419280
419280
419280
419280
419280
419280
419280
419280
419280
419280
419280
419280
419280
419280
419280
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