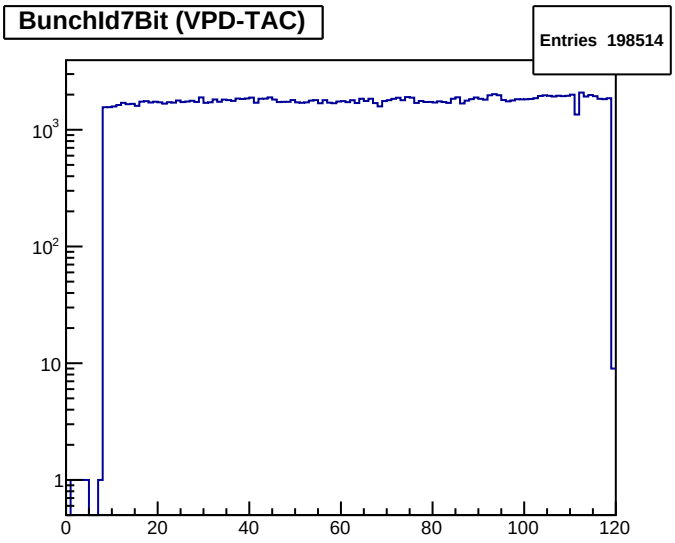
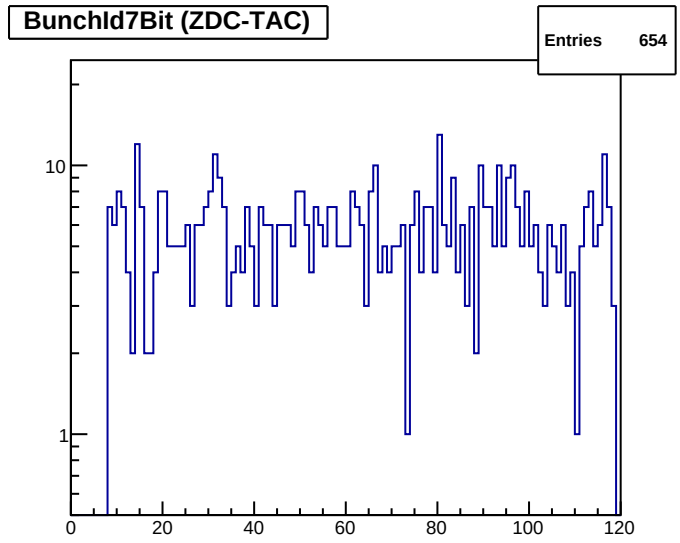
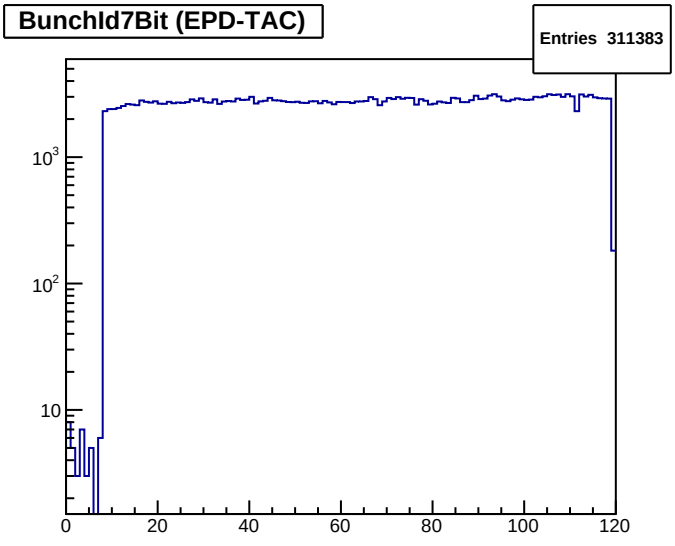
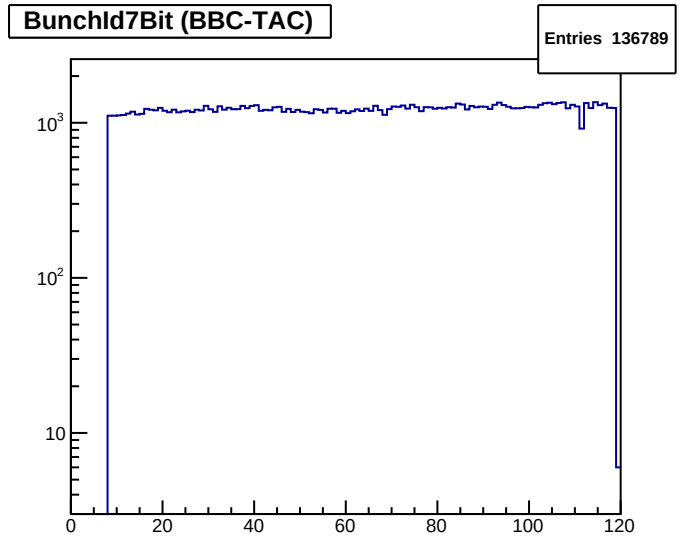
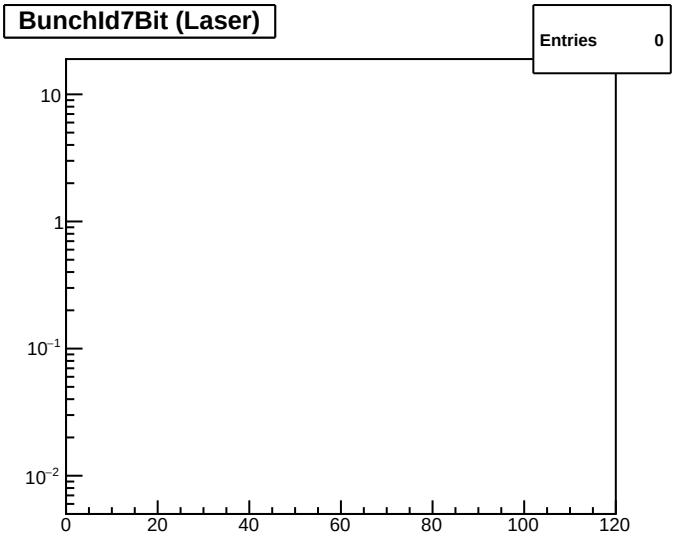
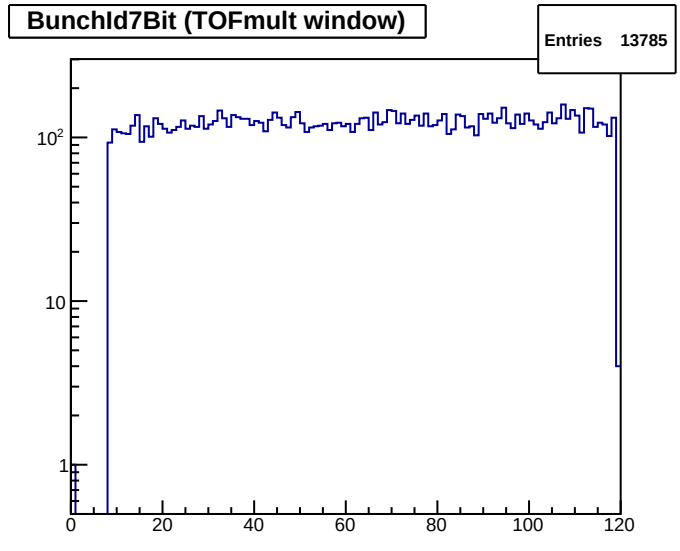

BunchId7Bit (VPD-TAC)
Entries 198514

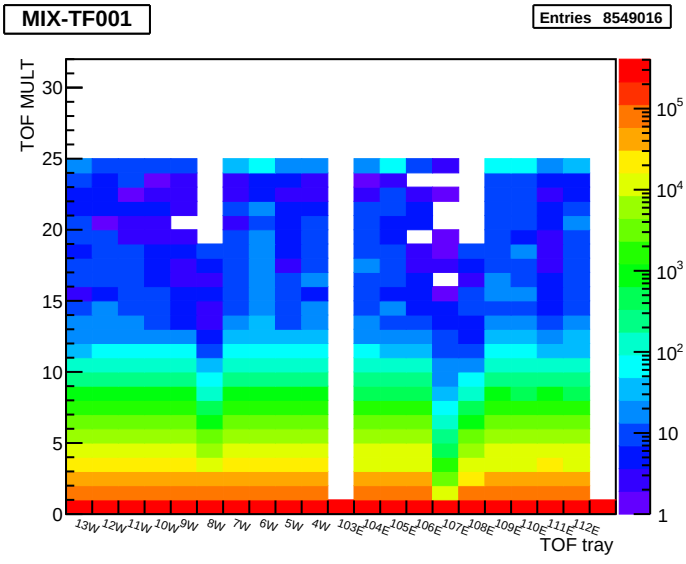

BunchId7Bit (ZDC-TAC)
Entries 654

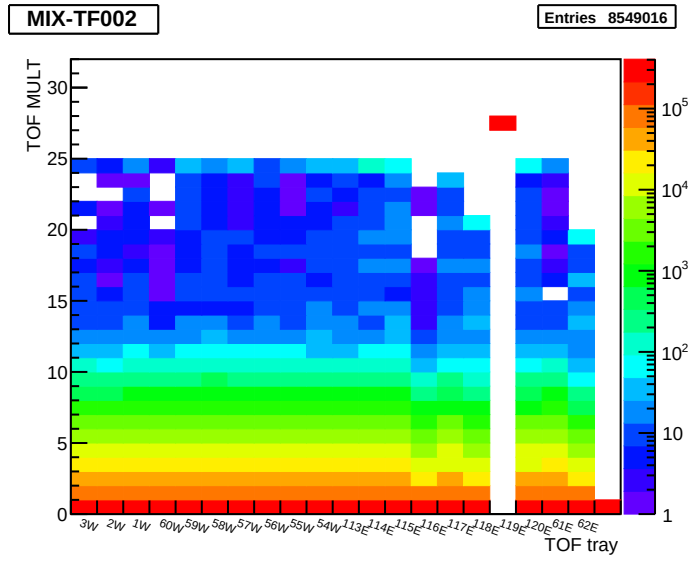

BunchId7Bit (EPD-TAC)
Entries 311383

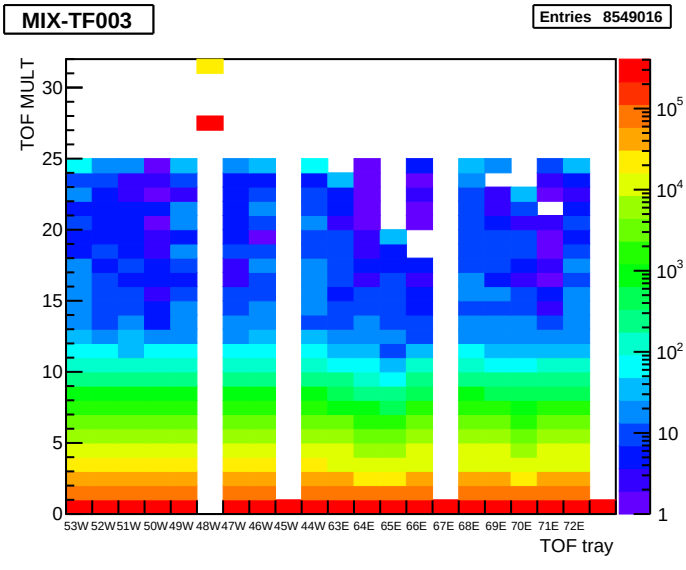

BunchId7Bit (BBC-TAC)
Entries 136789

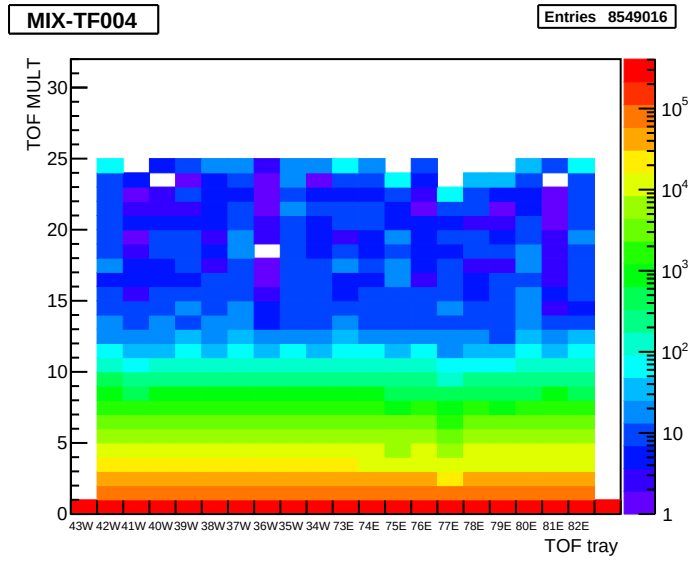

BunchId7Bit (Laser)
Entries 0

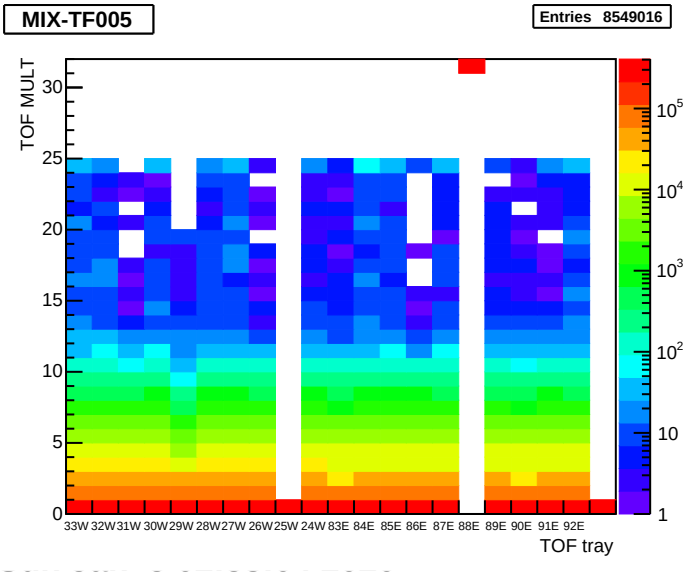

BunchId7Bit (TOFmult window)
Entries 13785

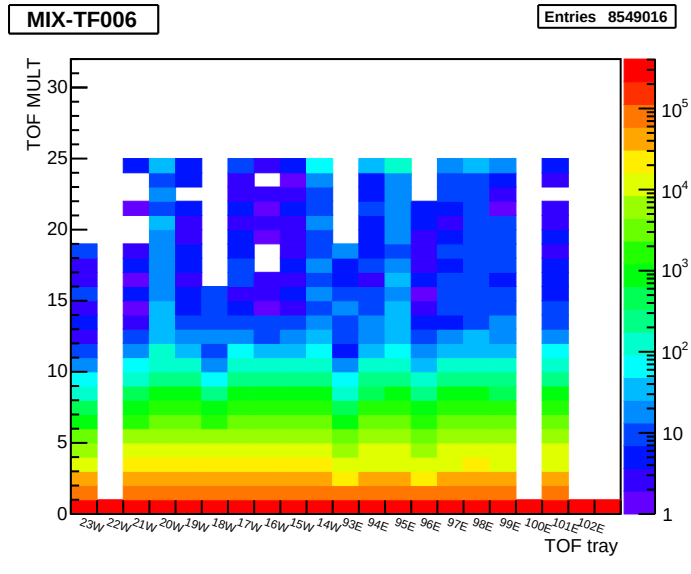

MIX-TF001
Entries 8549016
TOF MULT
TOF tray

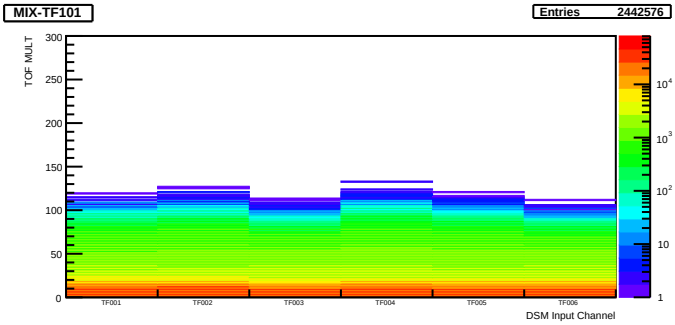

MIX-TF002
Entries 8549016
TOF MULT
TOF tray

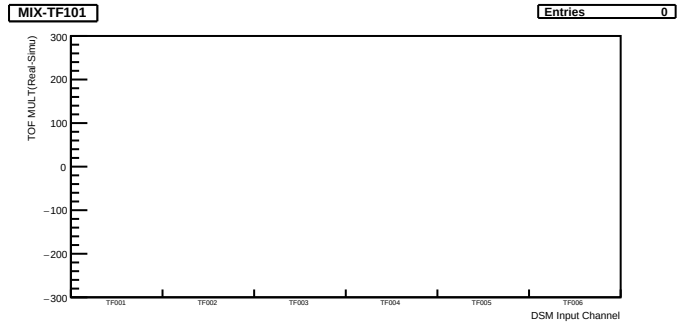

MIX-TF003
Entries 8549016
TOF MULT
TOF tray

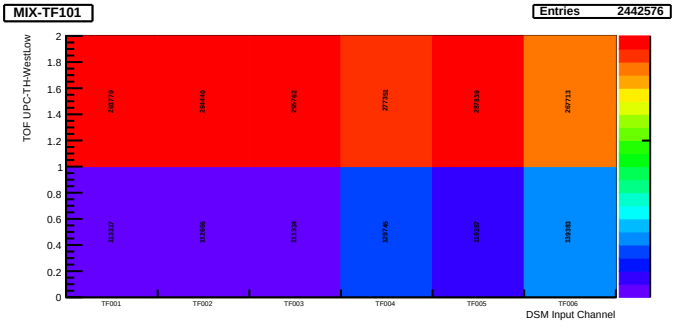

MIX-TF004
Entries 8549016
TOF MULT
TOF tray

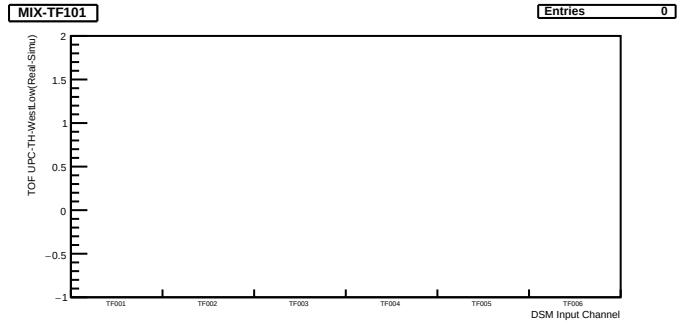

MIX-TF005
Entries 8549016
TOF MULT
TOF tray

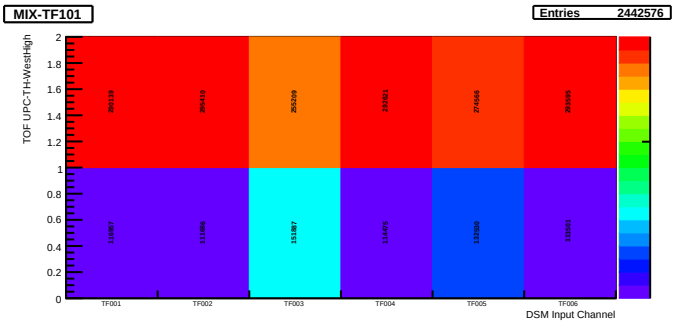

MIX-TF006
Entries 8549016
TOF MULT
TOF tray

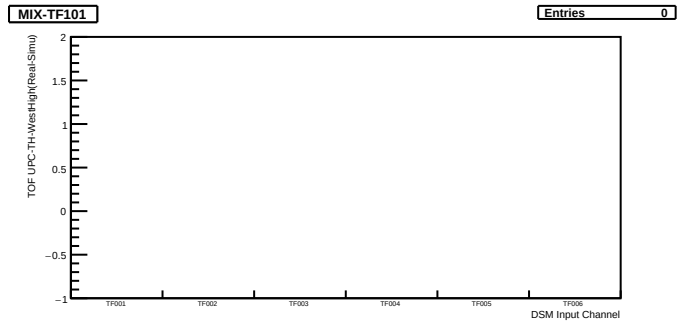

MIX-TF101
Entries 2442576
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

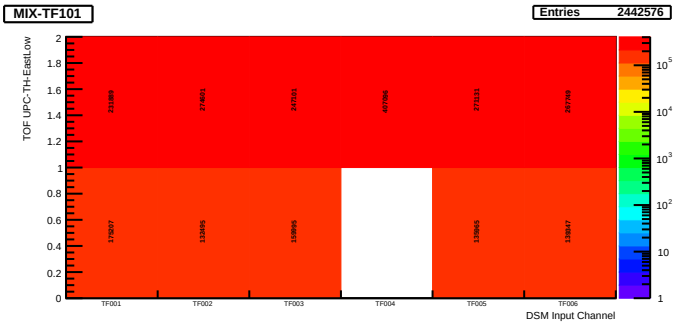

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

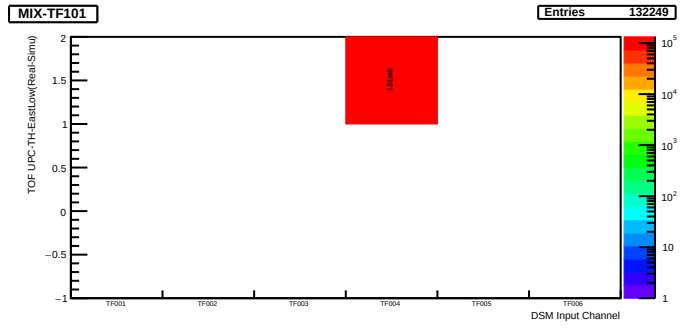

MIX-TF101
Entries 2442576
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

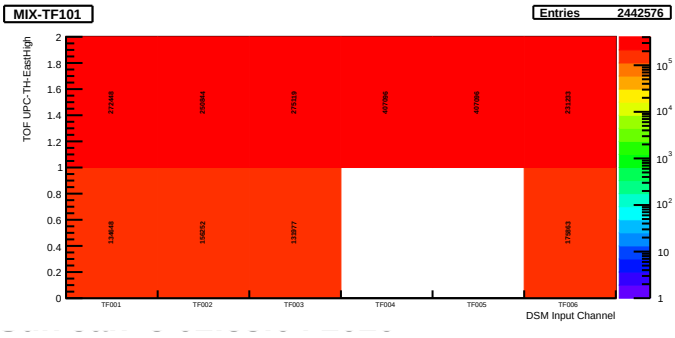

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

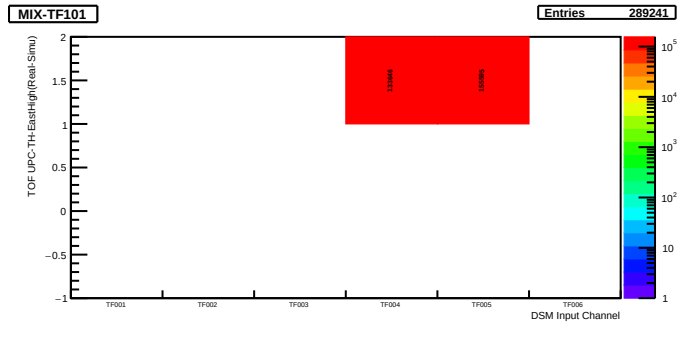

MIX-TF101
Entries 2442576
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

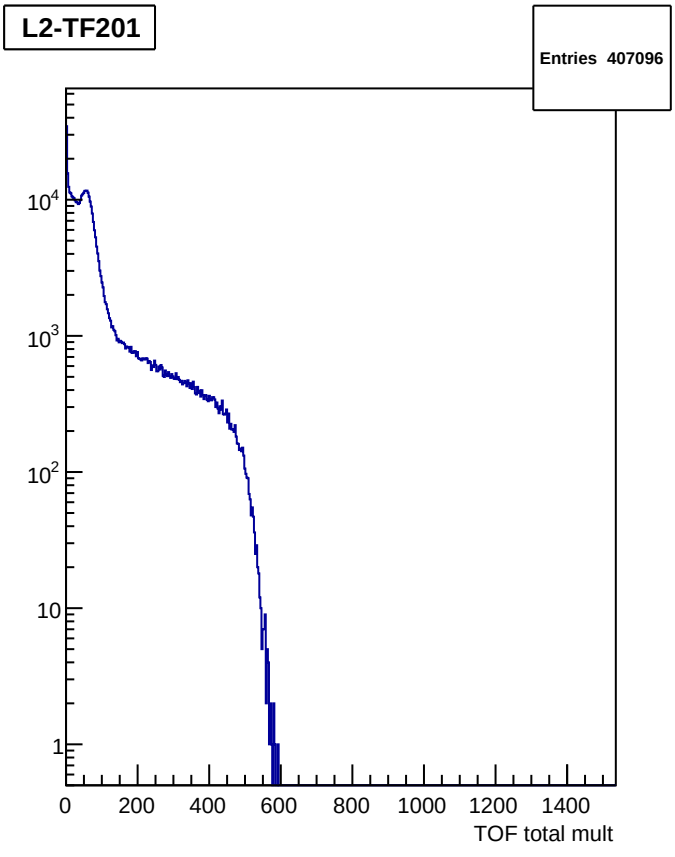

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

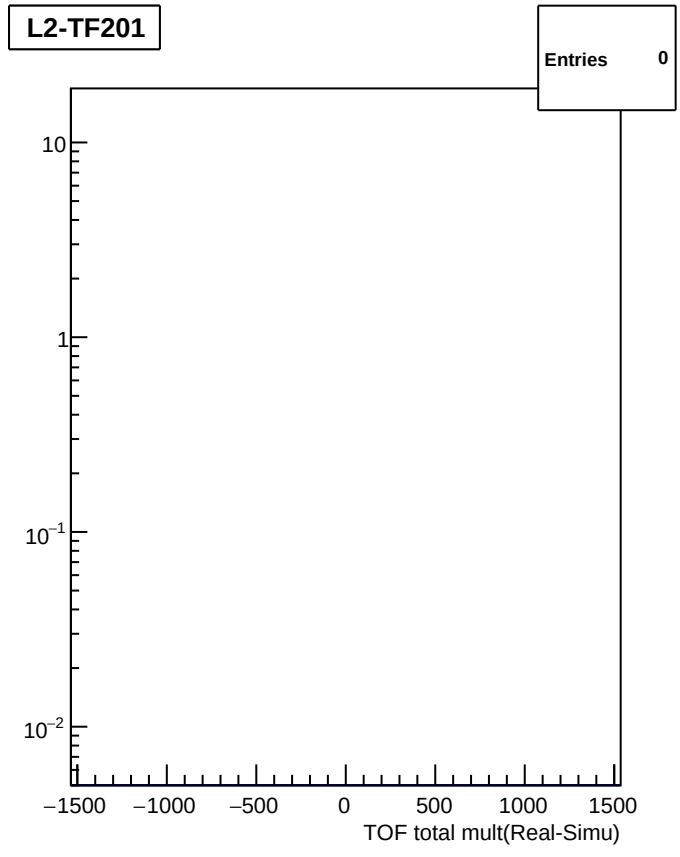

MIX-TF101
Entries 2442576
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

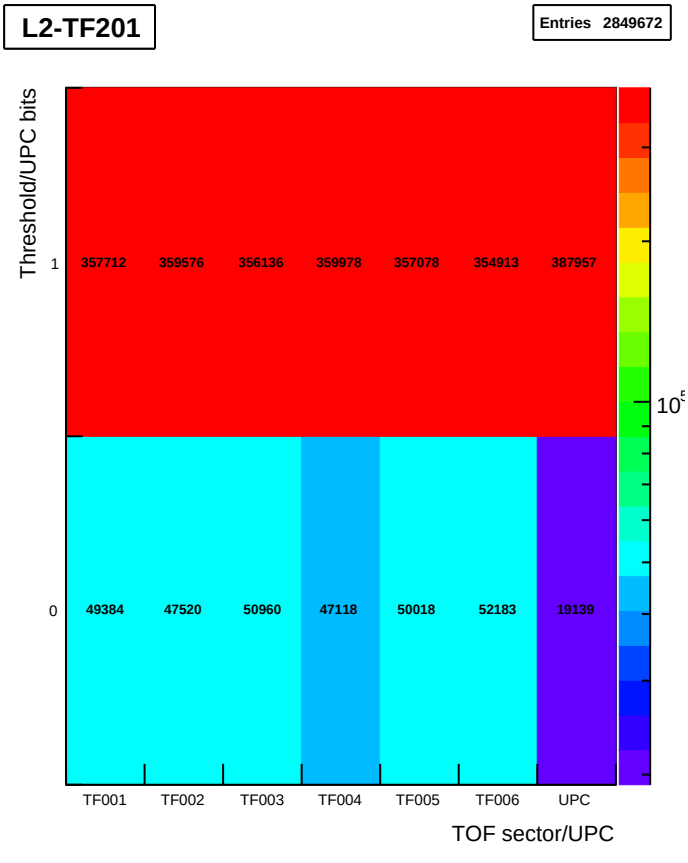

MIX-TF101
Entries 132249
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

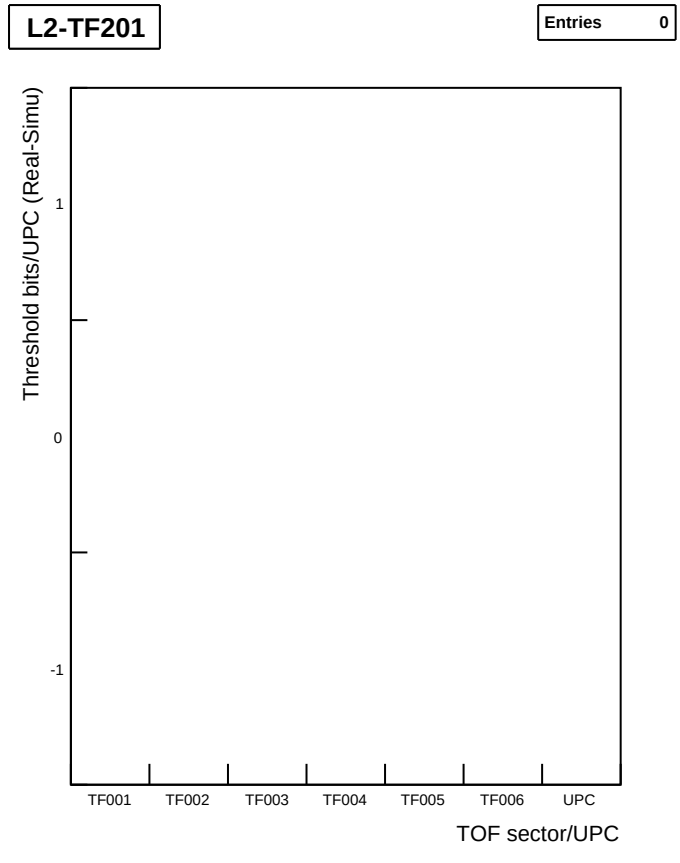

MIX-TF101
Entries 2442576
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

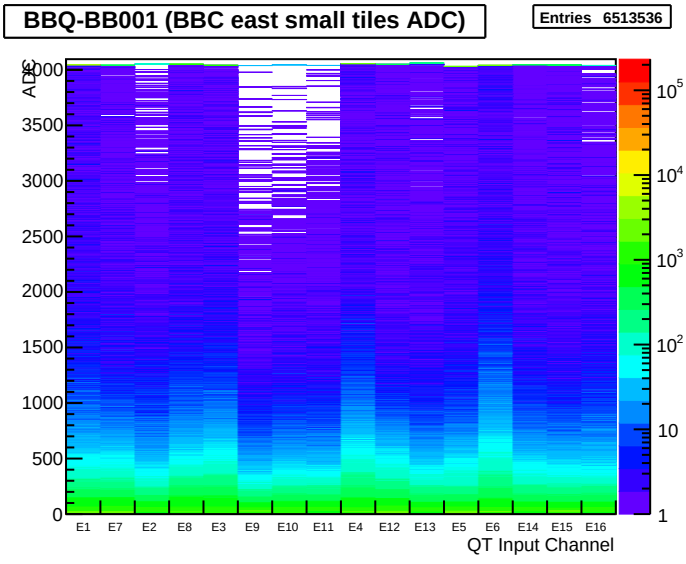

MIX-TF101
Entries 289241
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

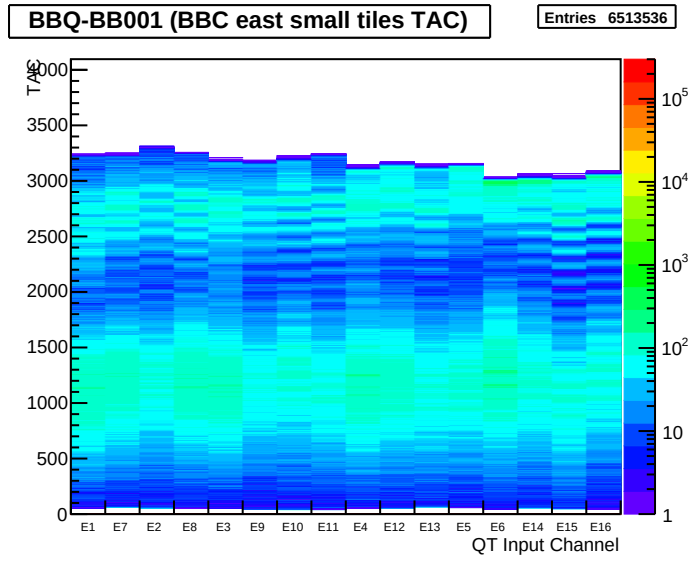

L2-TF201
Entries 407096
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

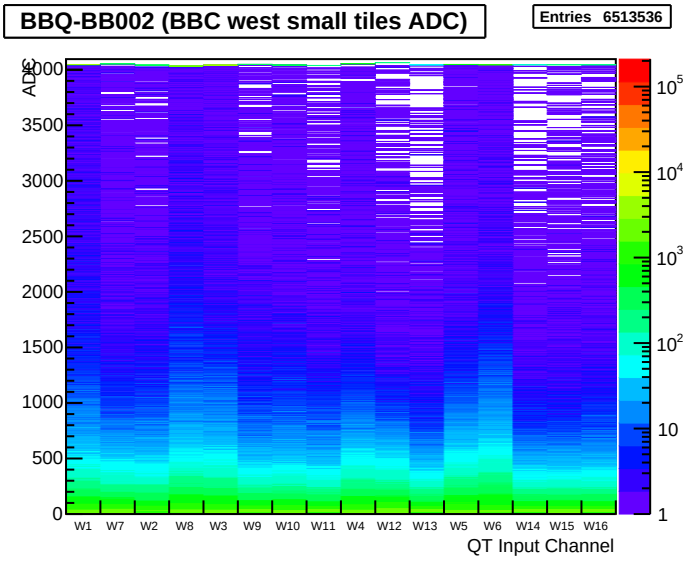

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

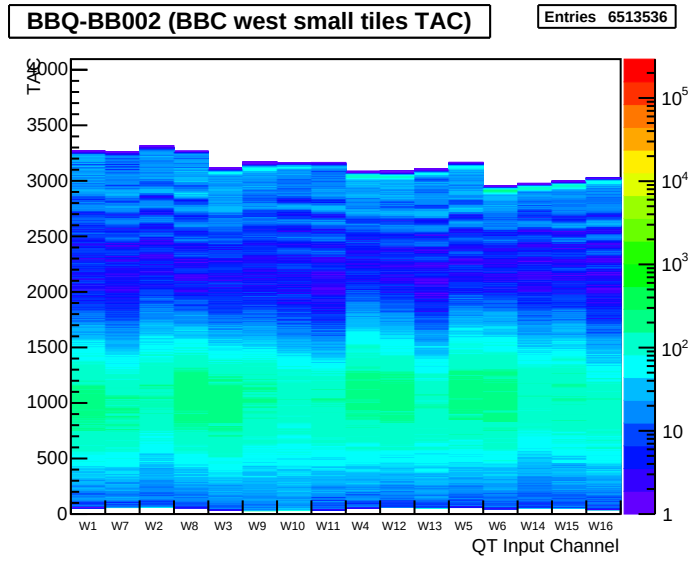

L2-TF201
Entries 2849672
Threshold/UPC bits
1
0
357712
359576
356136
359978
357078
354913
387957
49384
47520
50960
47118
50018
52183
19139
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

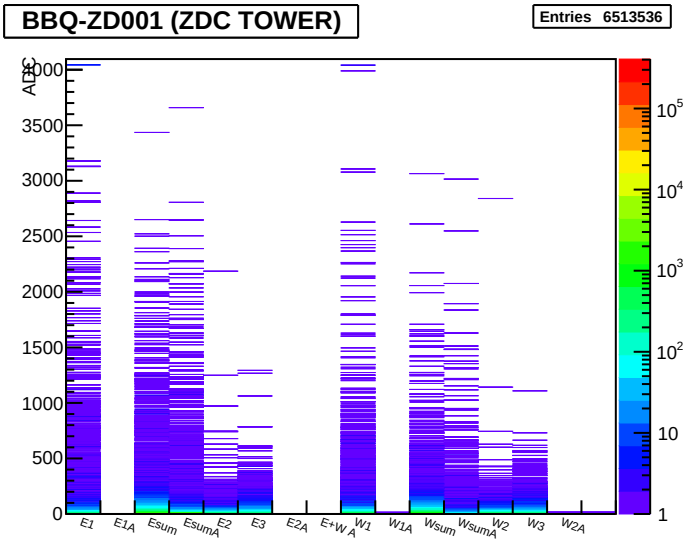

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

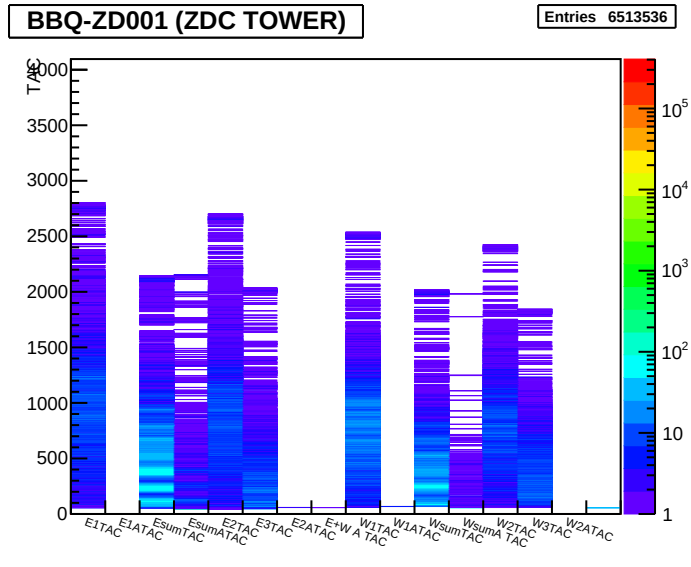

BBQ-BB001 (BBC east small tiles ADC)
Entries 6513536
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

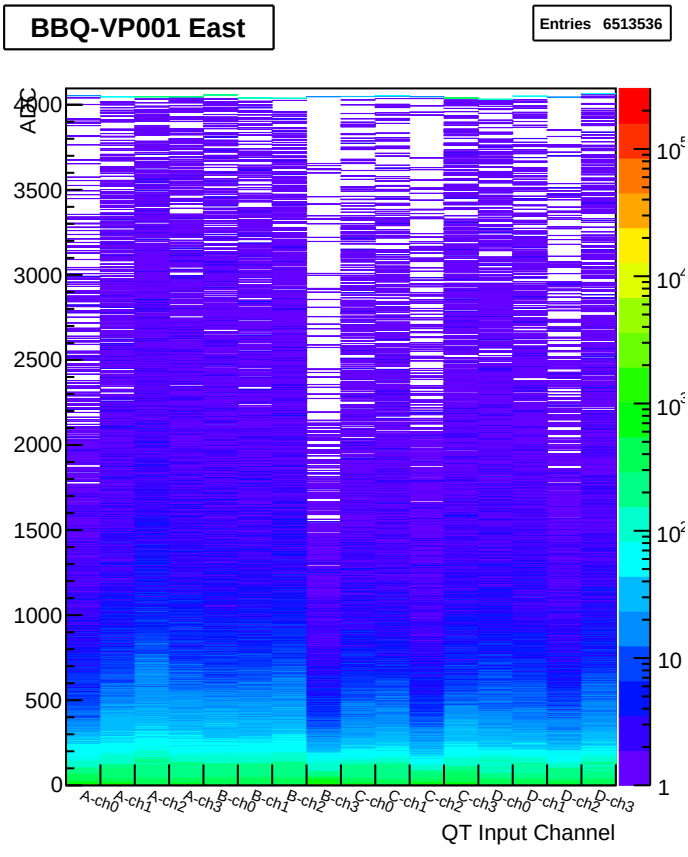

BBQ-BB001 (BBC east small tiles TAC)
Entries 6513536
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

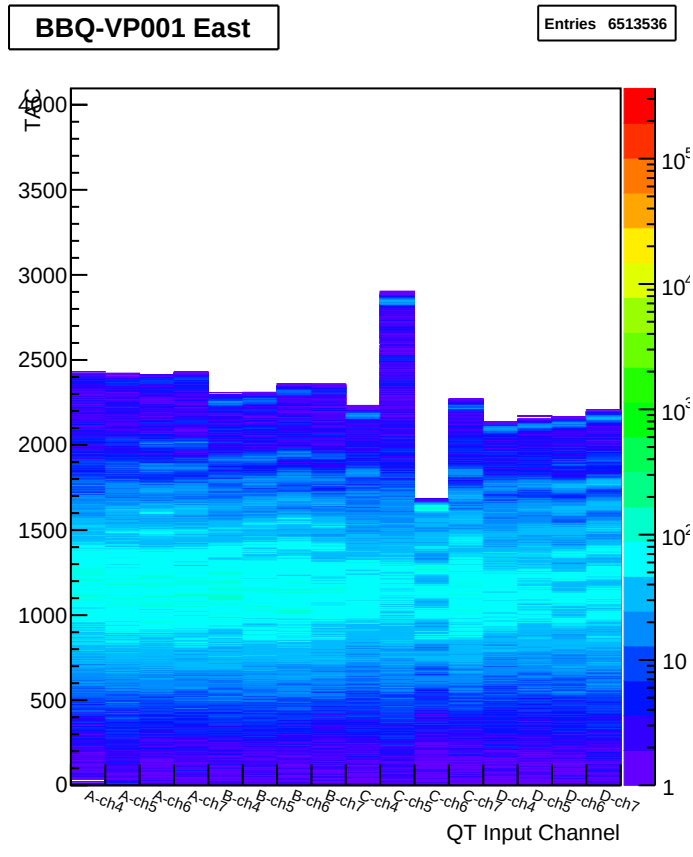

BBQ-BB002 (BBC west small tiles ADC)
Entries 6513536
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

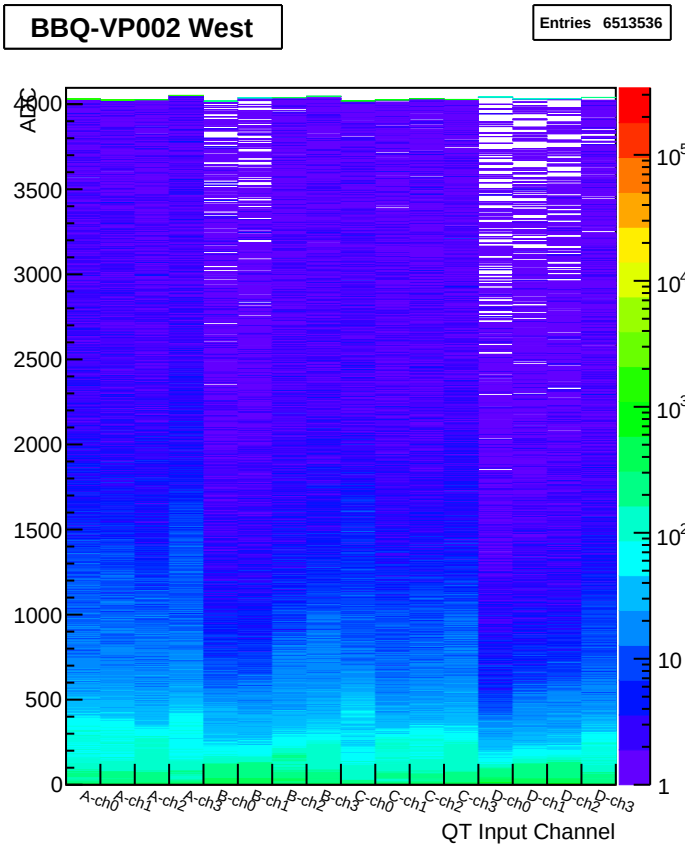

BBQ-BB002 (BBC west small tiles TAC)
Entries 6513536
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

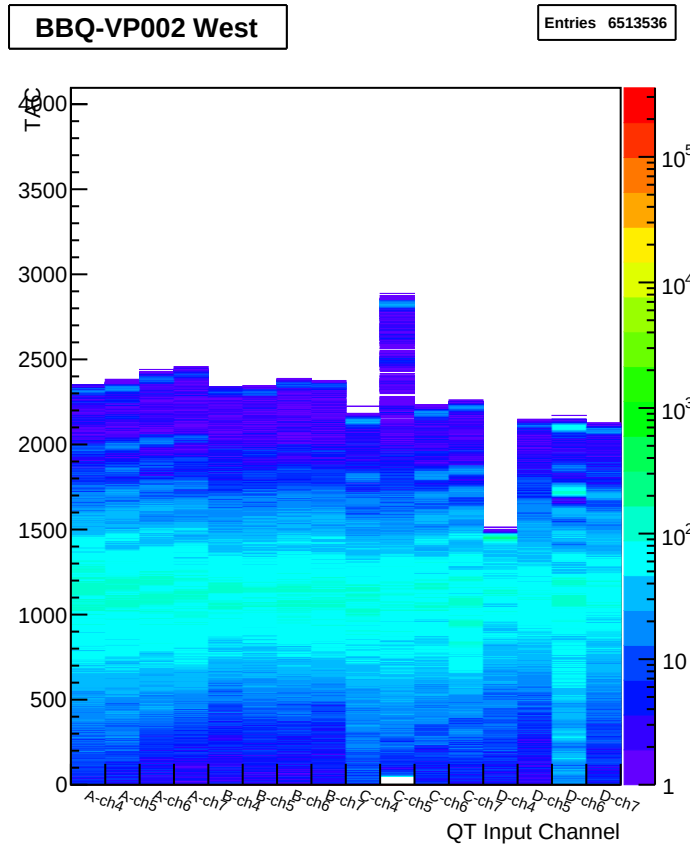

BBQ-ZD001 (ZDC TOWER)
Entries 6513536
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

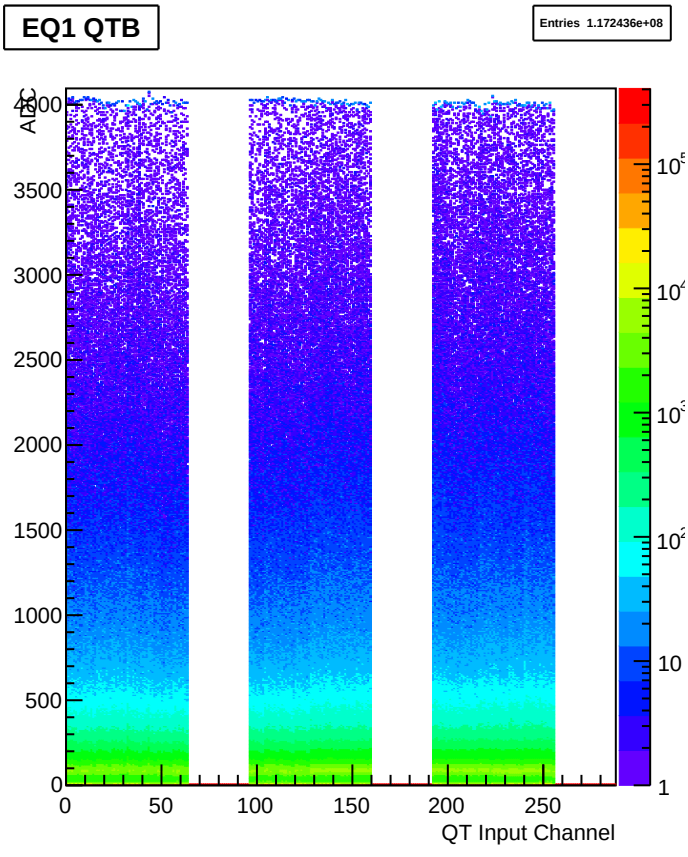

BBQ-ZD001 (ZDC TOWER)
Entries 6513536
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

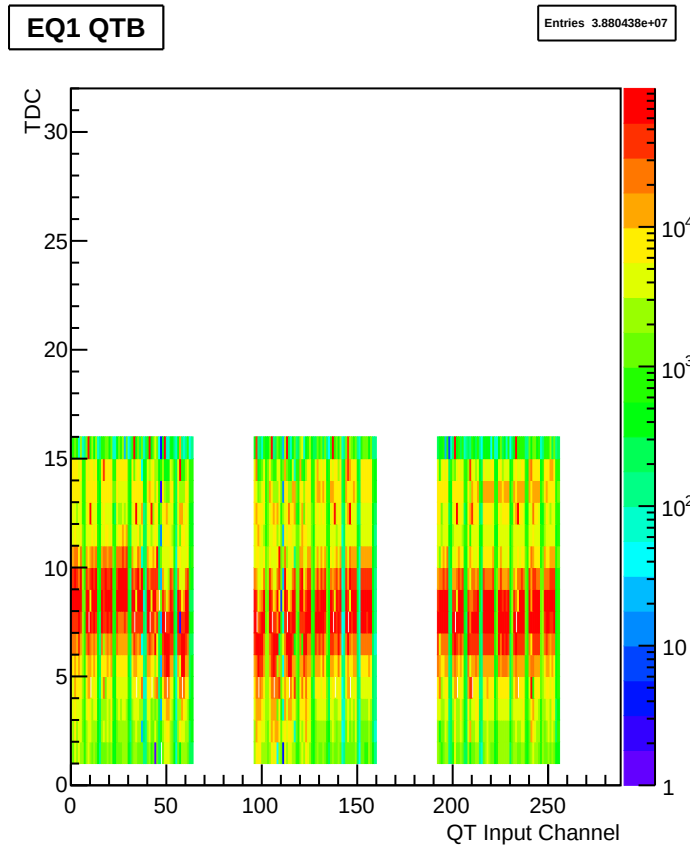

BBQ-VP001 East
Entries 6513536
ADC
QT Input Channel

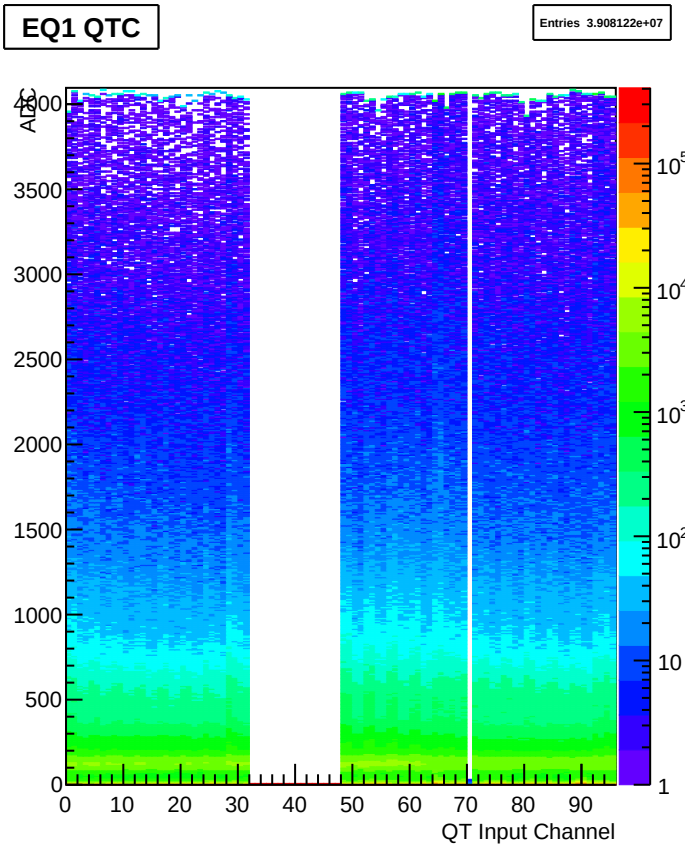

BBQ-VP001 East
Entries 6513536
TADC
QT Input Channel

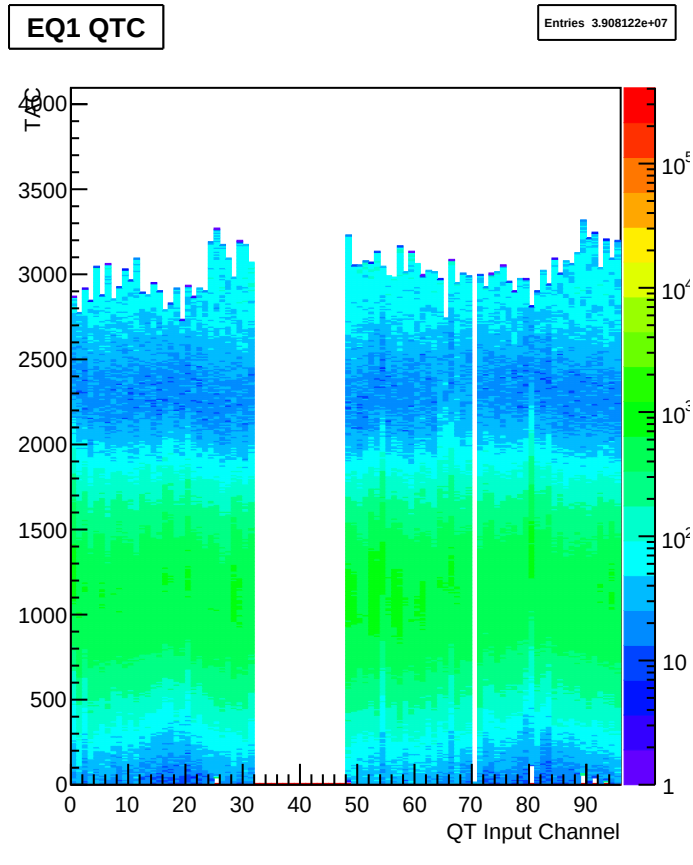

BBQ-VP002 West
Entries 6513536
ADC
QT Input Channel

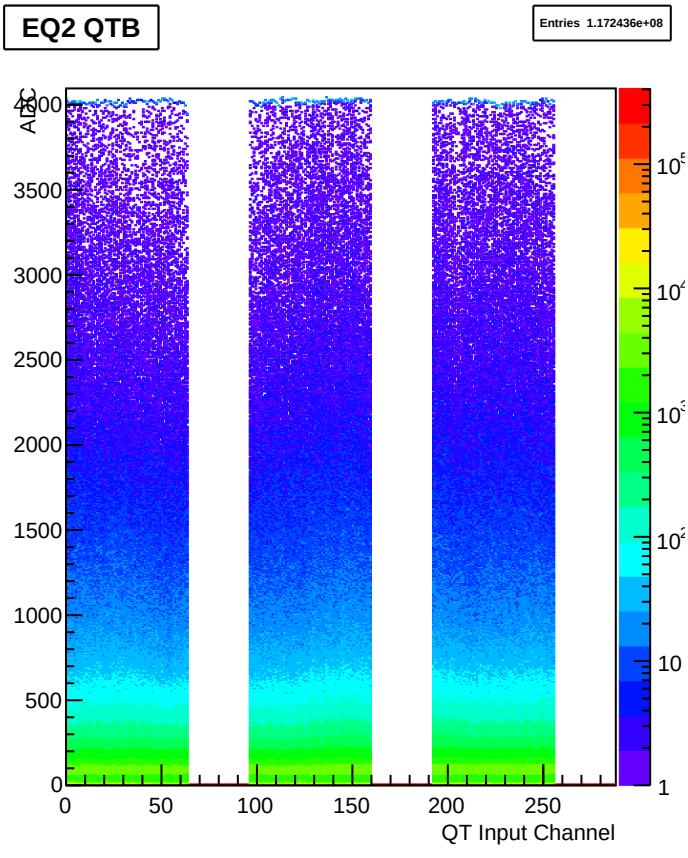

BBQ-VP002 West
Entries 6513536
TADC
QT Input Channel

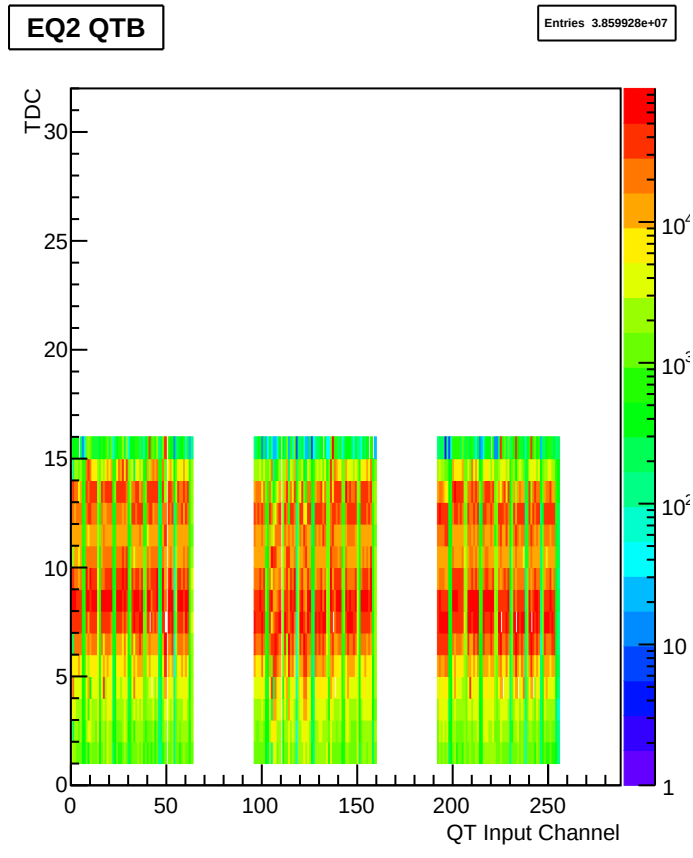

EQ1 QTB
Entries 1.172436e+08
ADC
QT Input Channel

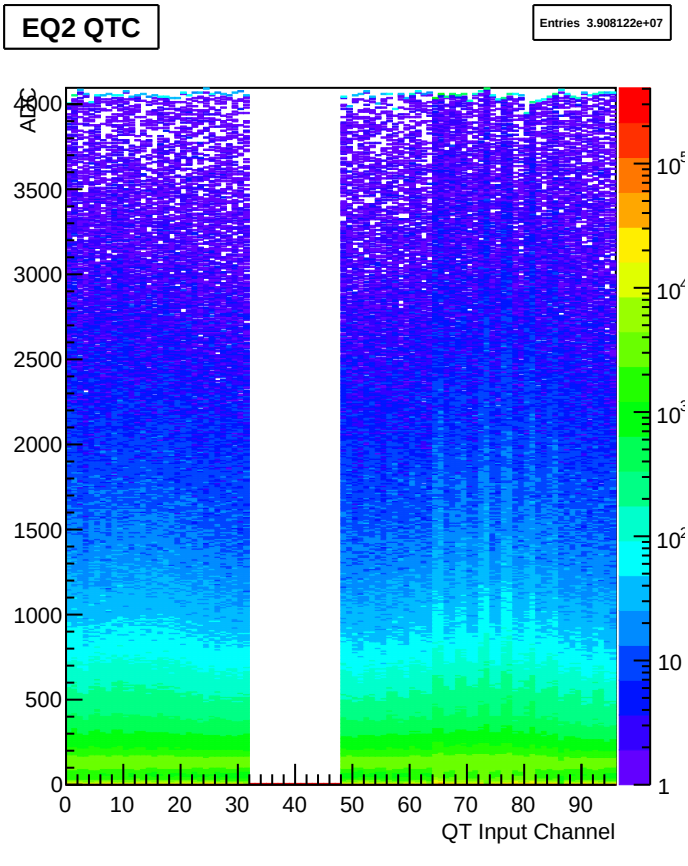

EQ1 QTB
Entries 3.880438e+07
TDC
QT Input Channel

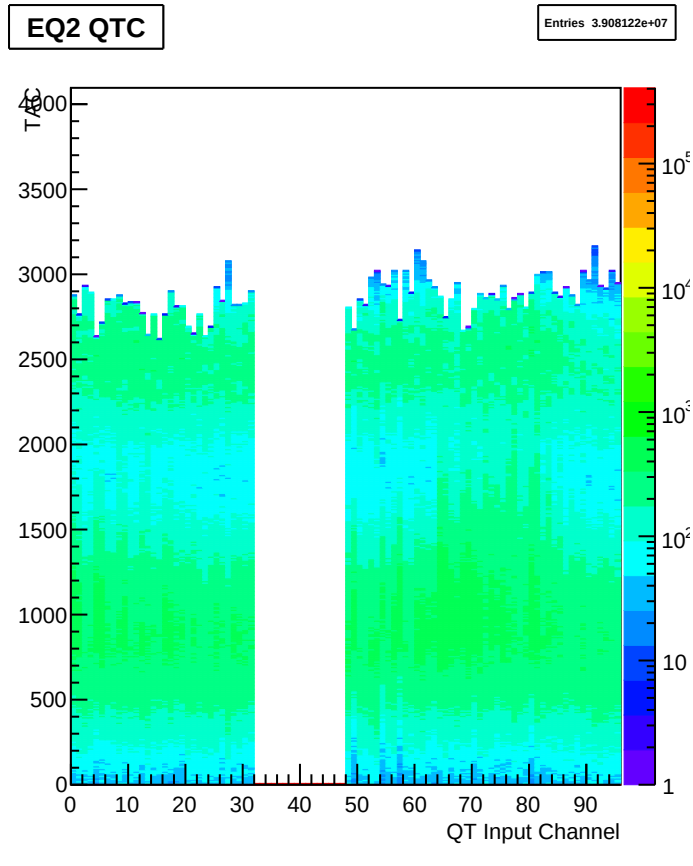

EQ1 QTC
Entries 3.908122e+07
ADC
QT Input Channel

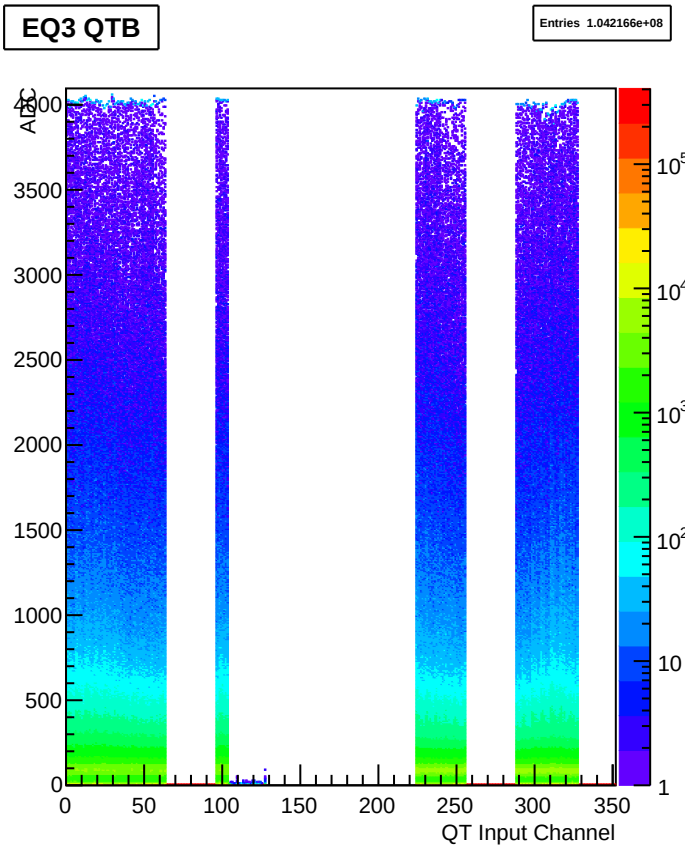

EQ1 QTC
Entries 3.908122e+07
TADC
QT Input Channel

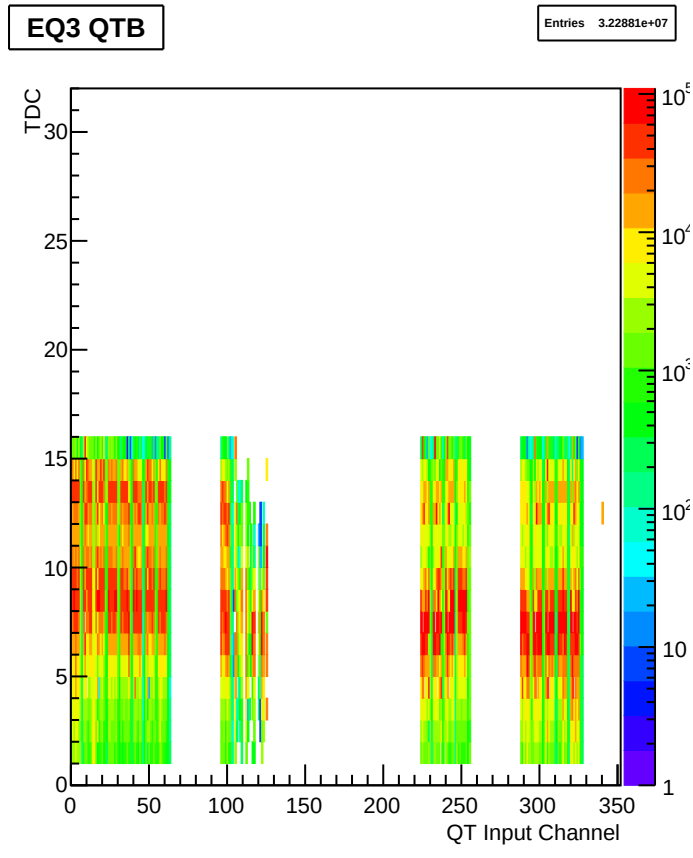

EQ2 QTB
Entries 1.172436e+08
ADC
QT Input Channel

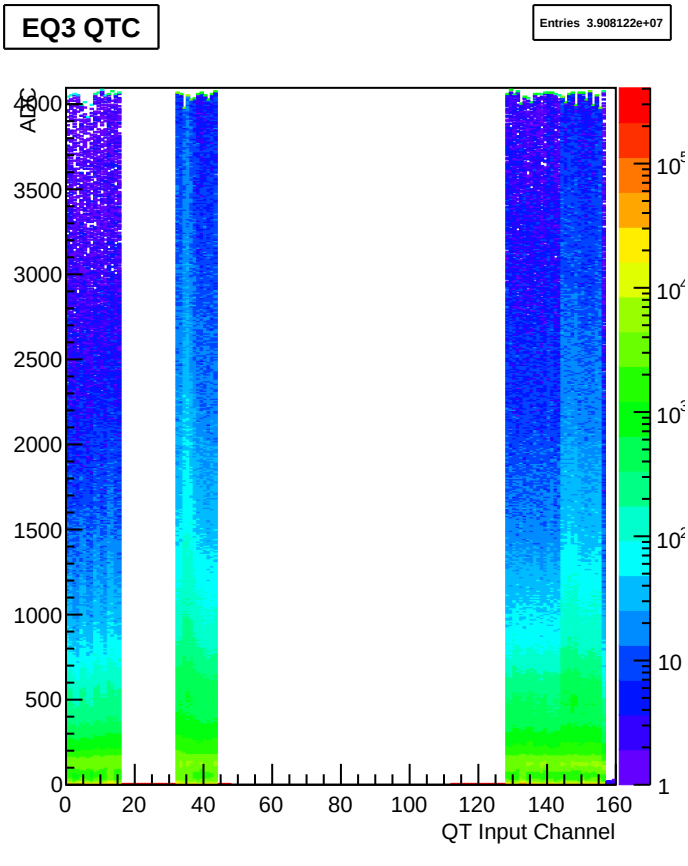

EQ2 QTB
Entries 3.859928e+07
TDC
QT Input Channel

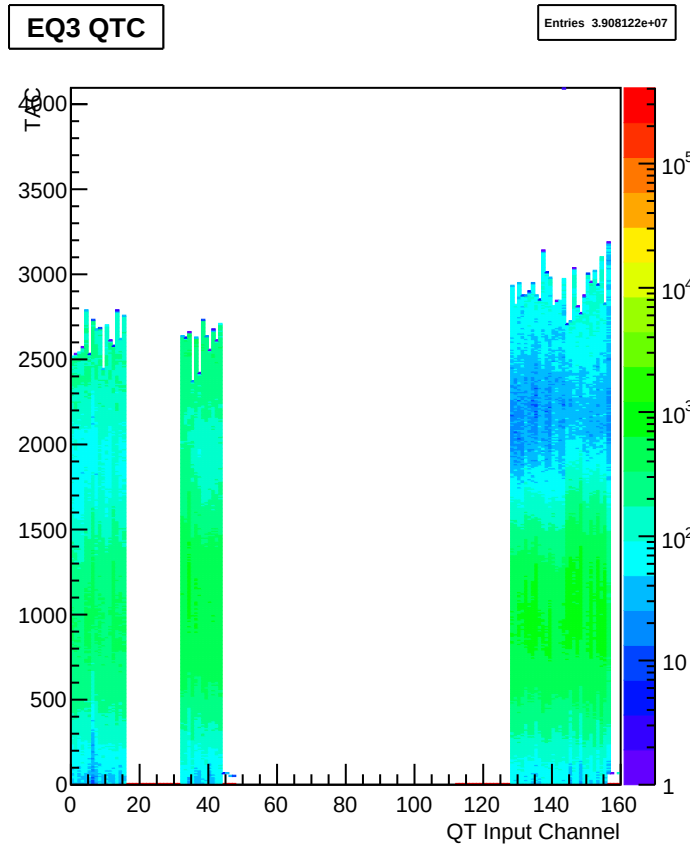

EQ2 QTC
Entries 3.908122e+07
ADC
QT Input Channel

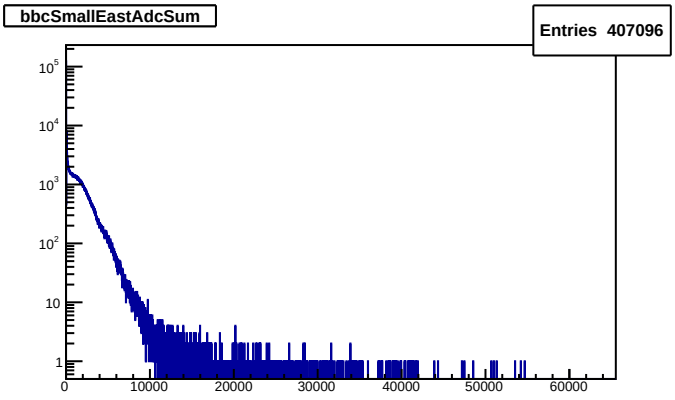

EQ2 QTC
Entries 3.908122e+07
TADC
QT Input Channel

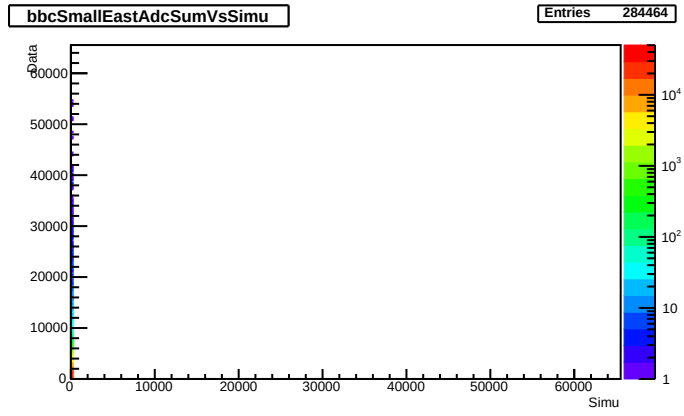

EQ3 QTB
Entries 1.042166e+08
ADC
QT Input Channel

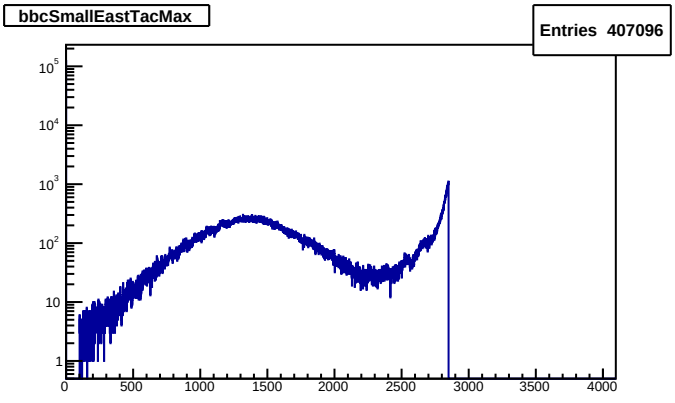

EQ3 QTB
Entries 3.22881e+07
TDC
QT Input Channel

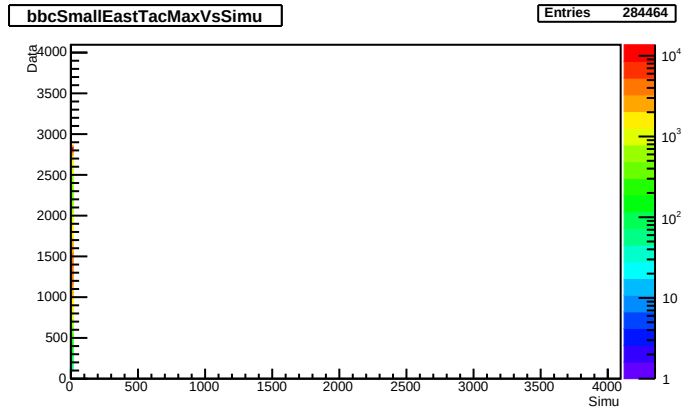

EQ3 QTC
Entries 3.908122e+07
ADC
QT Input Channel

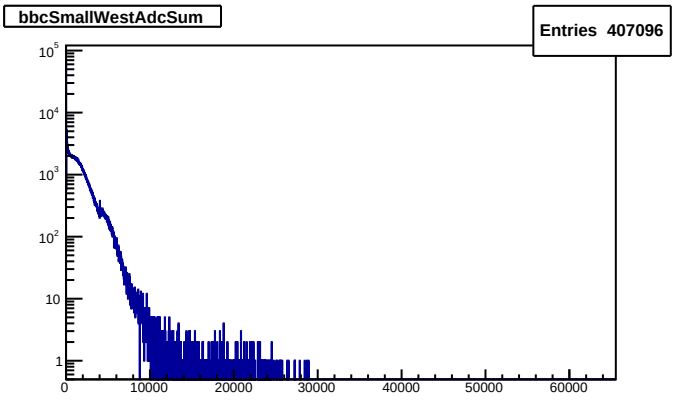

EQ3 QTC
Entries 3.908122e+07
TADC
QT Input Channel

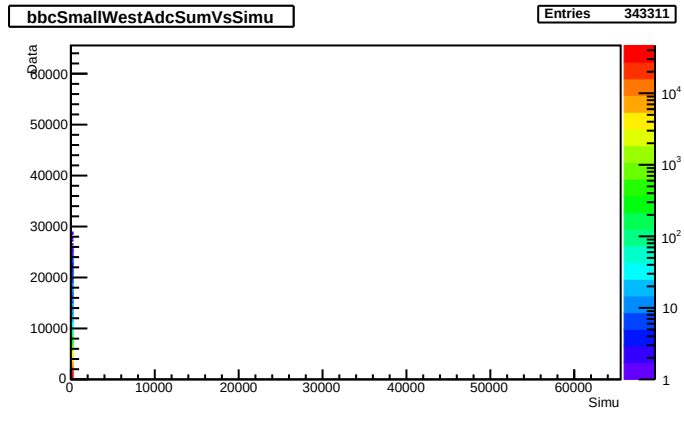

bbcSmallEastAdcSum
Entries 407096


bbcSmallEastAdcSumVsSimu
Entries 284464
Data
Simu


bbcSmallEastTacMax
Entries 407096


bbcSmallEastTacMaxVsSimu
Entries 284464
Data
Simu


bbcSmallWestAdcSum
Entries 407096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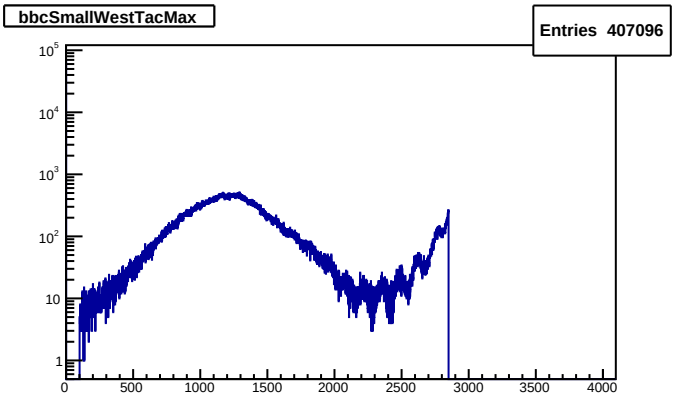
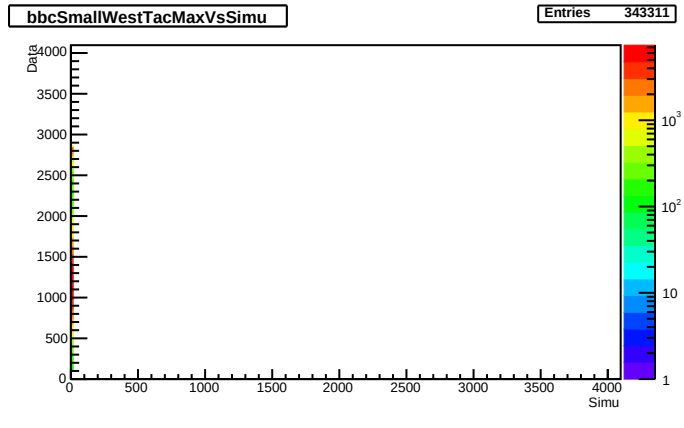
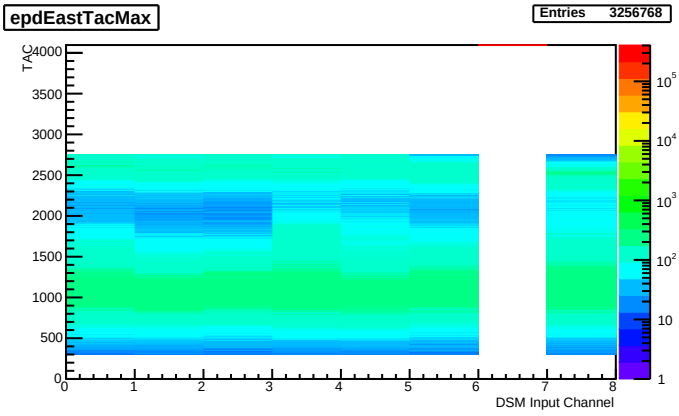
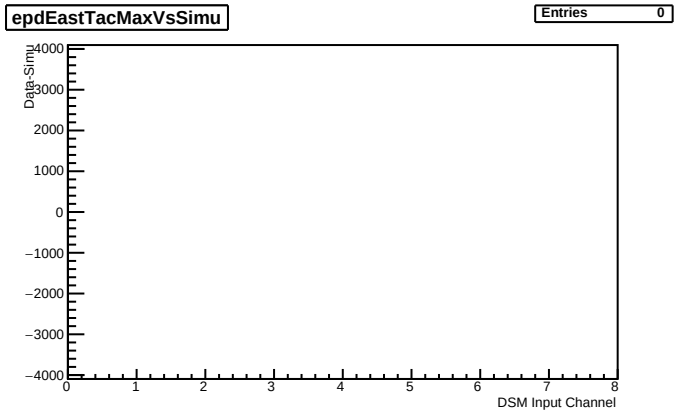
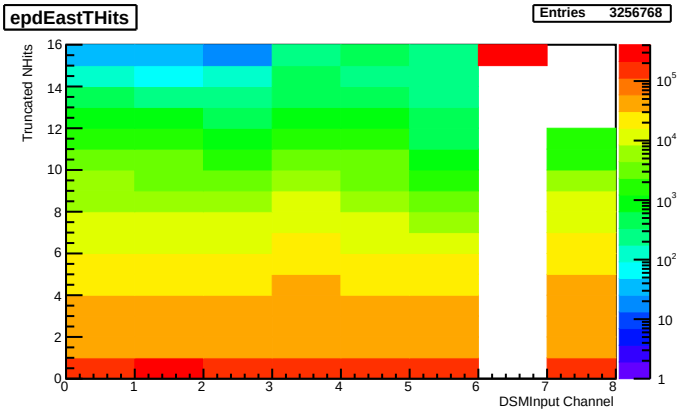
Entries 343311
Data
Simu

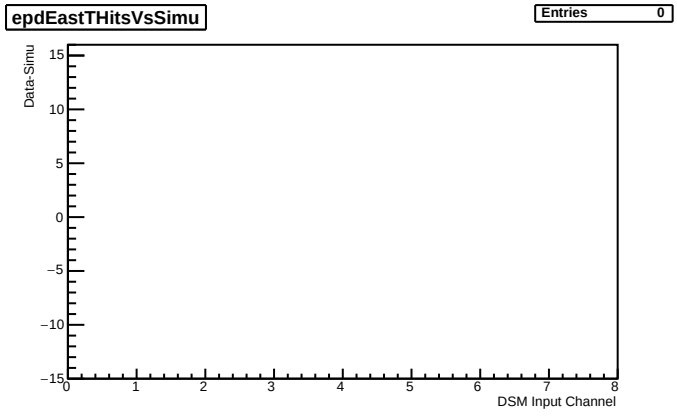

bbcSmallWestTacMax
Entries 407096


bbcSmallWestTacMaxVsSimu
Entries 343311
Data
Simu


epdEastTacMax
Entries 3256768
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3256768
Truncated NHits
DSMInput Channel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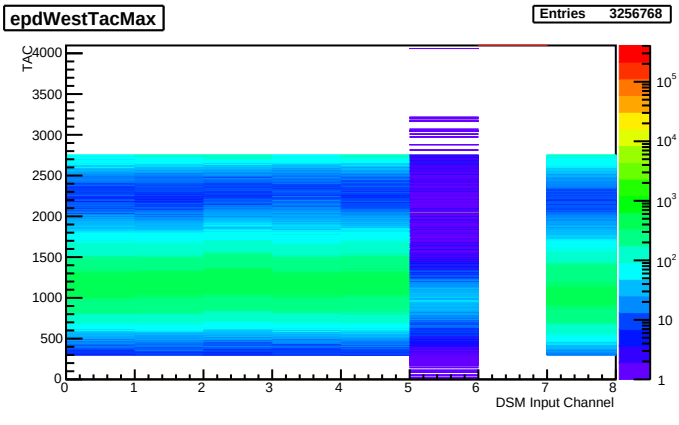
Data-Simu
DSM Input Channel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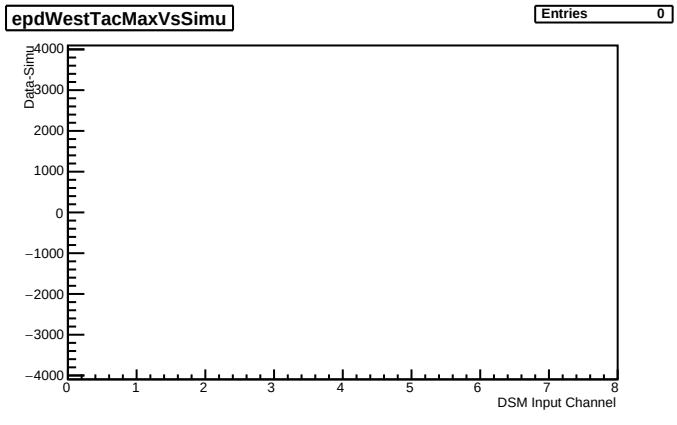
Entries 3256768
TAC
DSM Input Channel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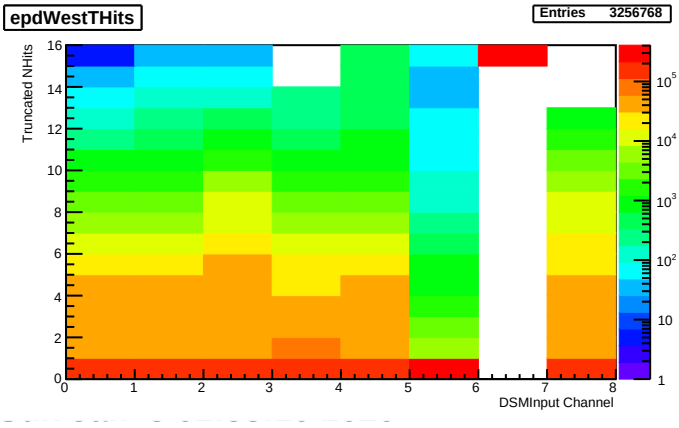
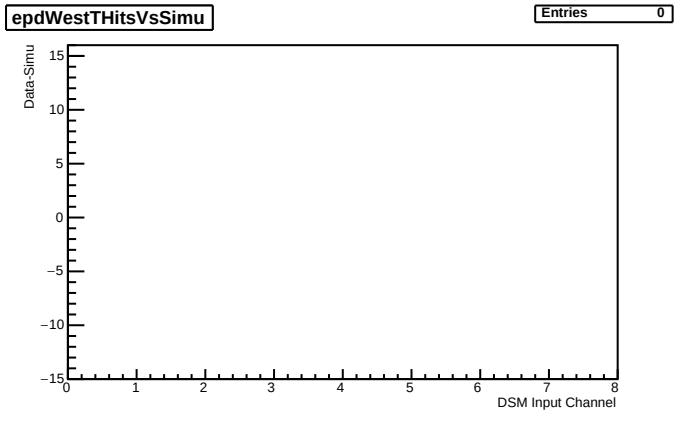
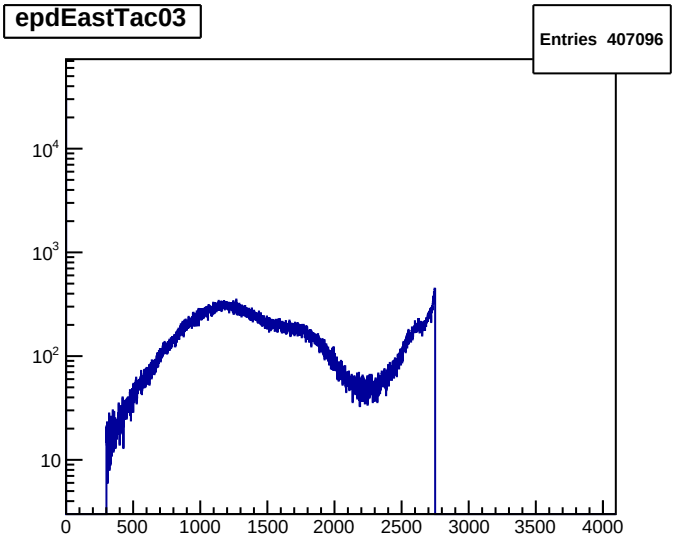
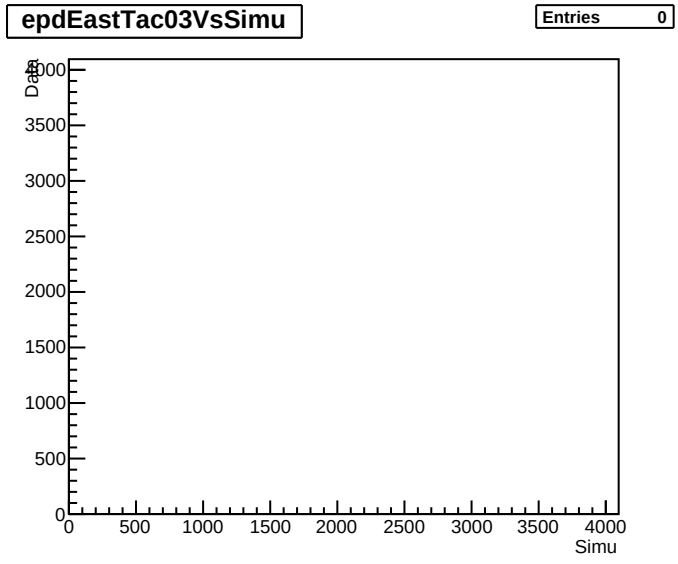
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3256768
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 407096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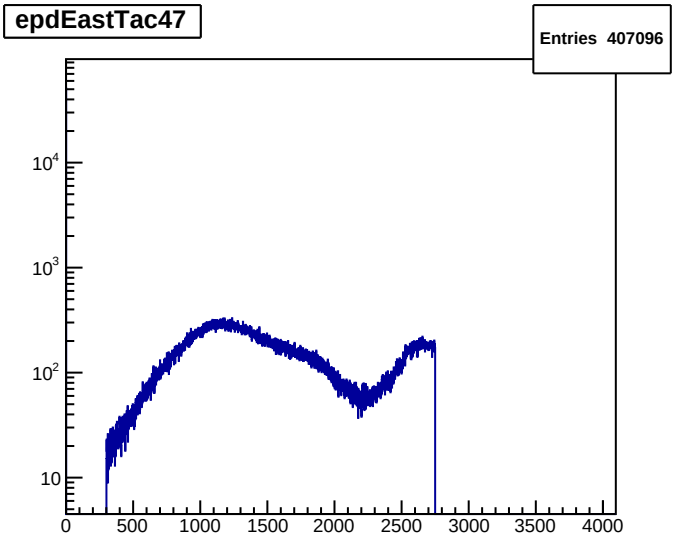
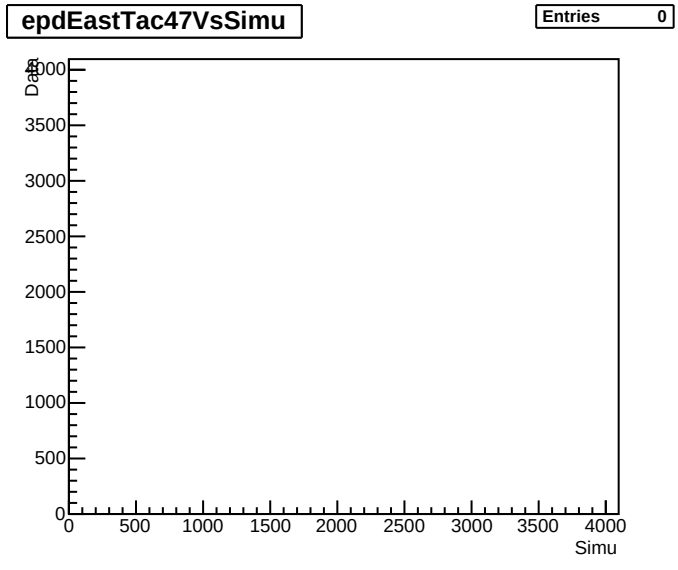
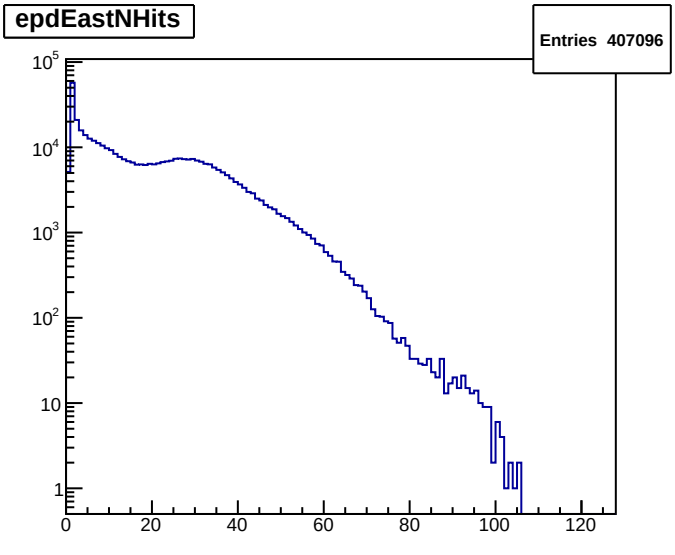
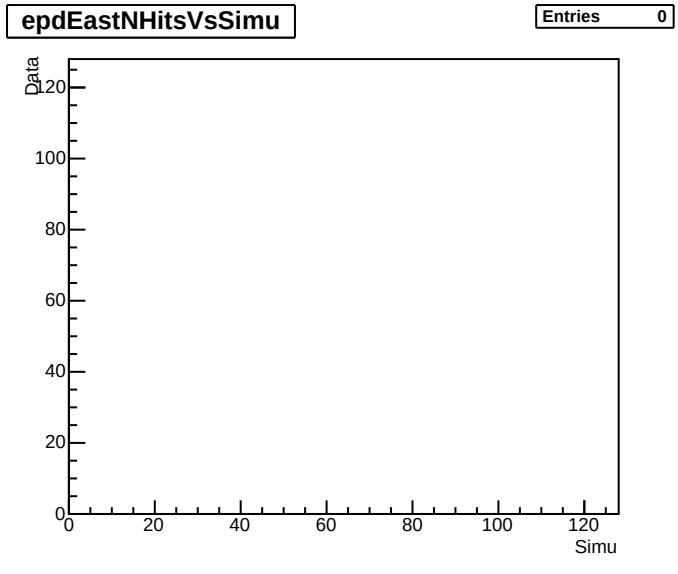
Entries 0
Data
Simu


epdEastTac47
Entries 407096


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 407096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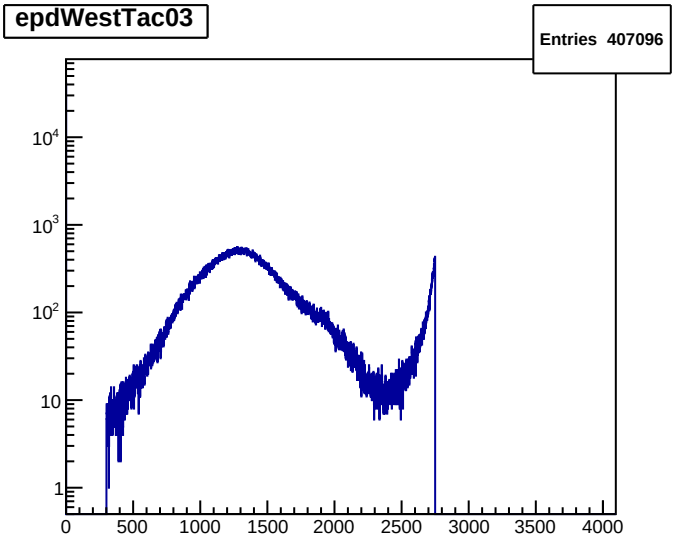
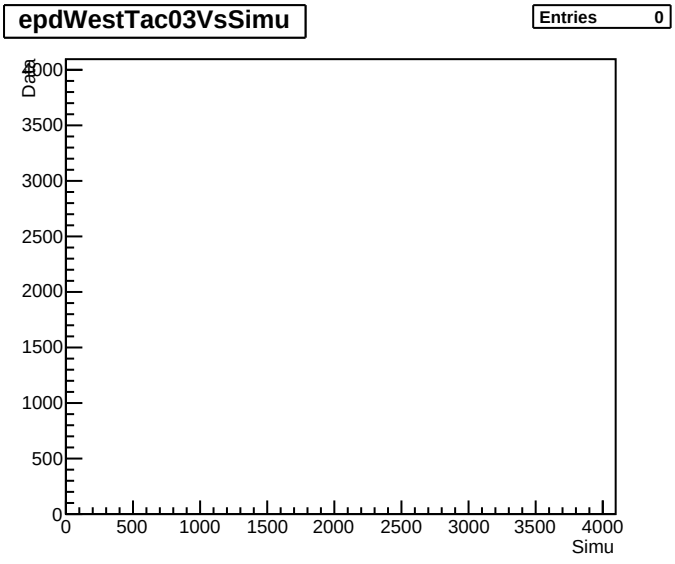
Entries 0
Data
Simu


epdWestTac03
Entries 407096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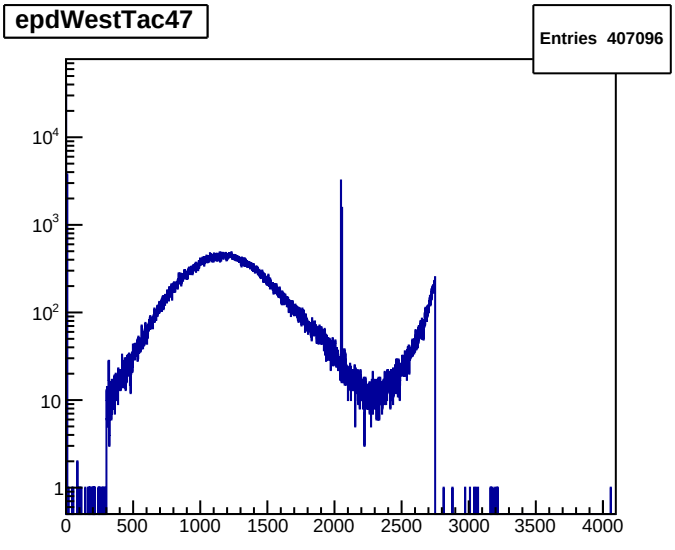
Entries 0
Data
Simu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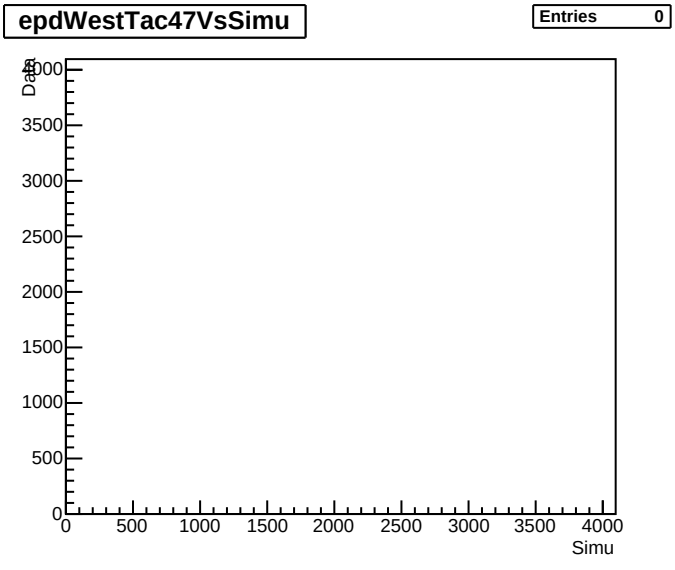
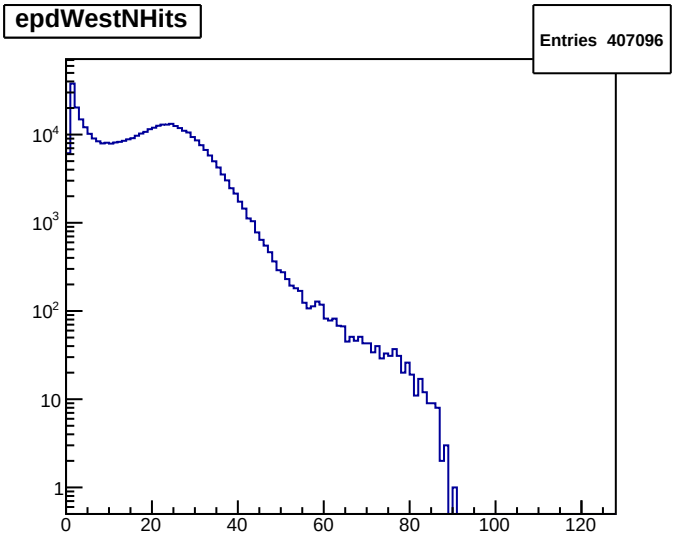
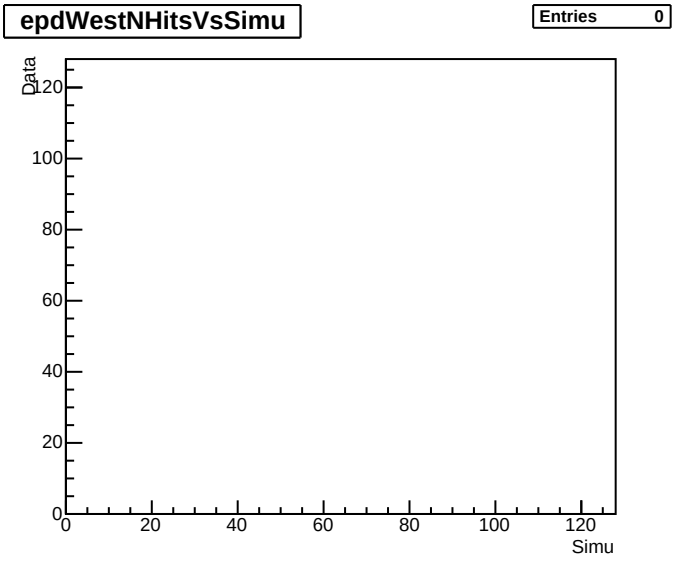
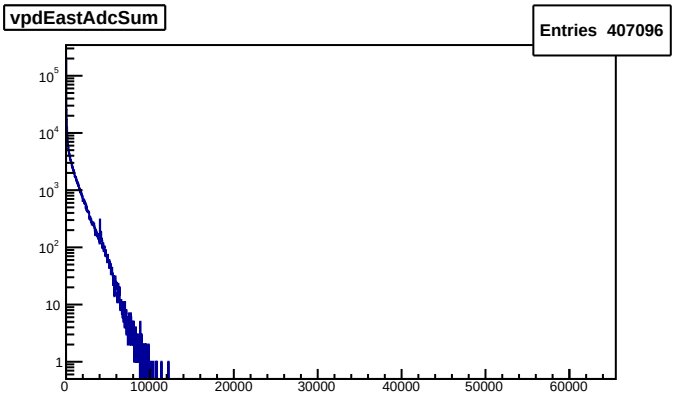
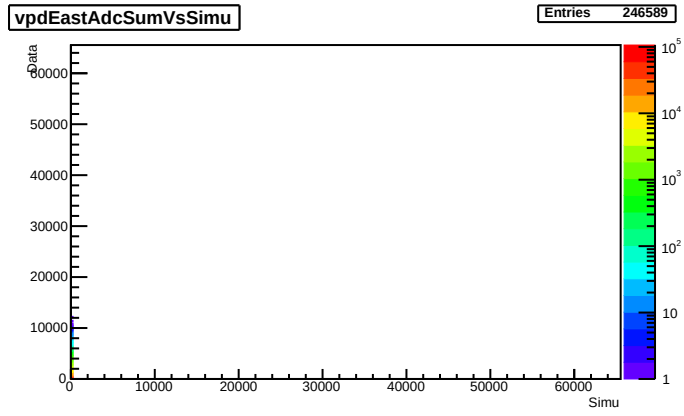
Entries 407096

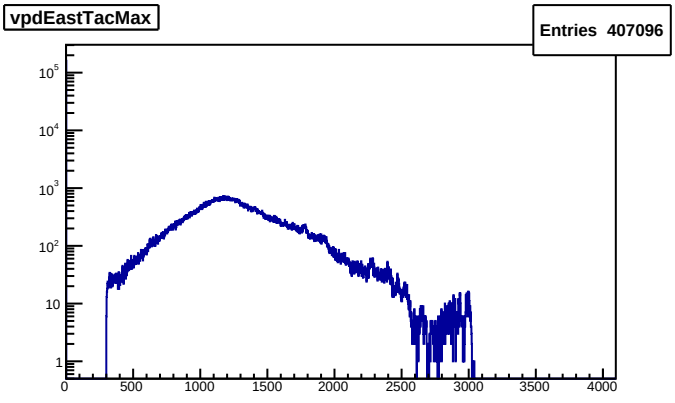

epdWestTac47VsSimu
Entries 0
Data
Simu

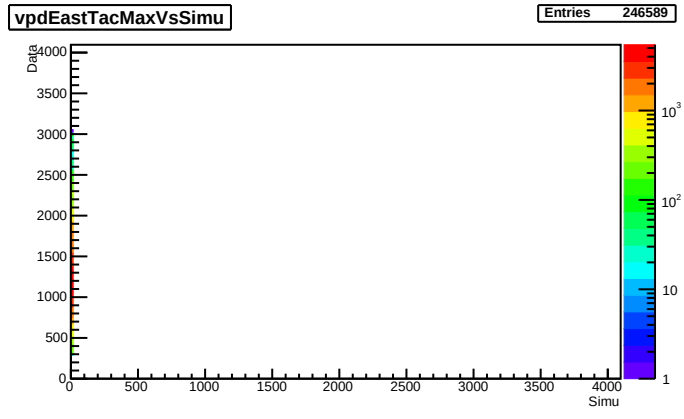

epdWestNHits
Entries 407096

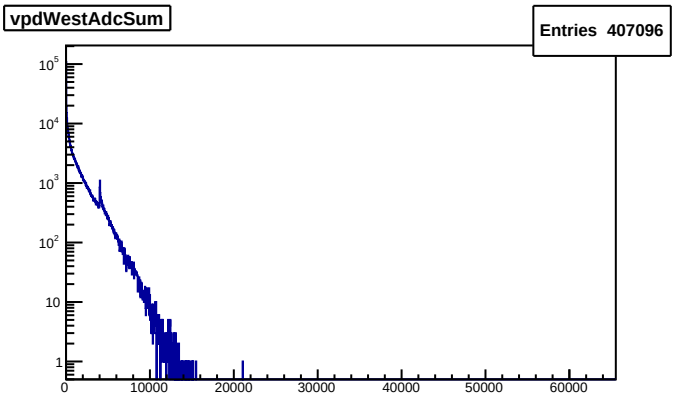

epdWestNHitsVsSimu
Entries 0
Data
Simu

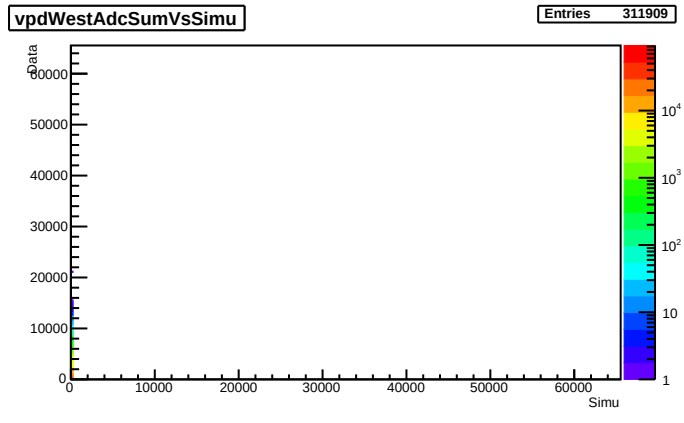

vpdEastAdcSum
Entries 407096

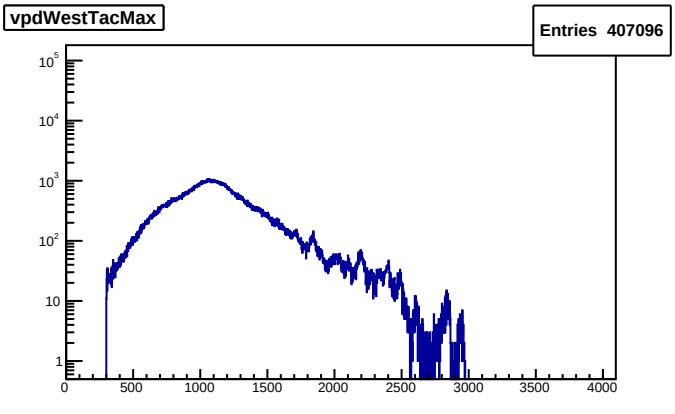

vpdEastAdcSumVsSimu
Entries 246589
Data
Simu

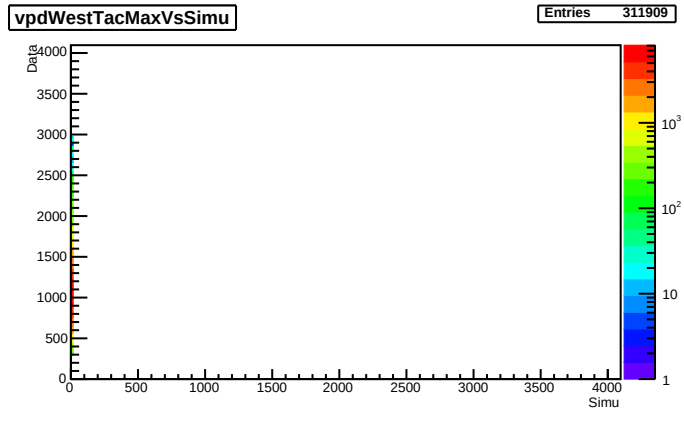

vpdEastTacMax
Entries 407096

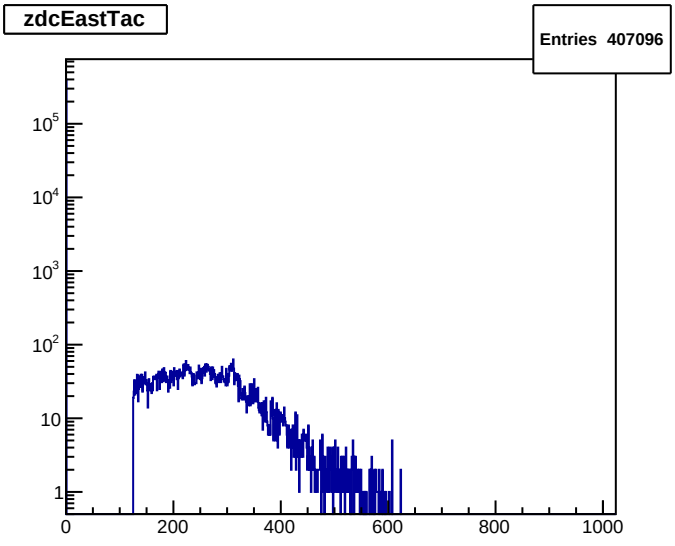

vpdEastTacMaxVsSimu
Entries 246589
Data
Simu

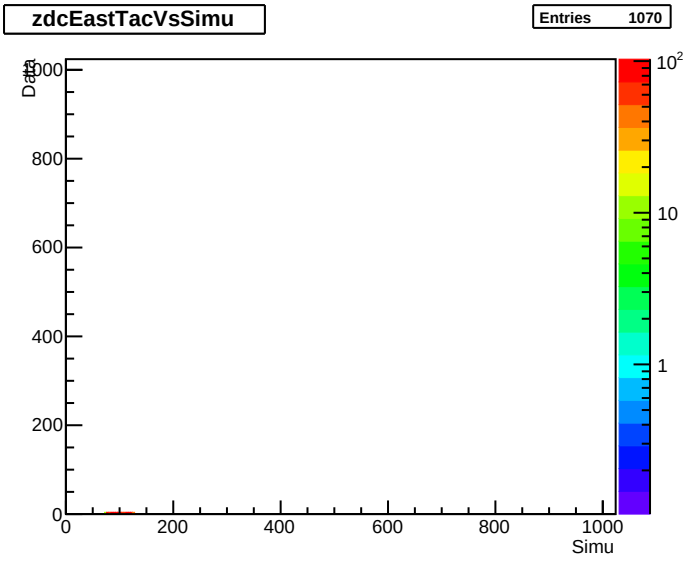

vpdWestAdcSum
Entries 407096

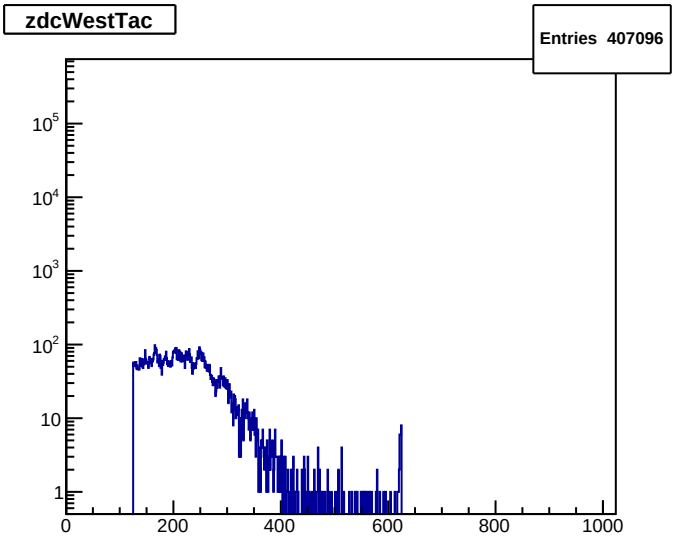

vpdWestAdcSumVsSimu
Entries 311909
Data
Simu

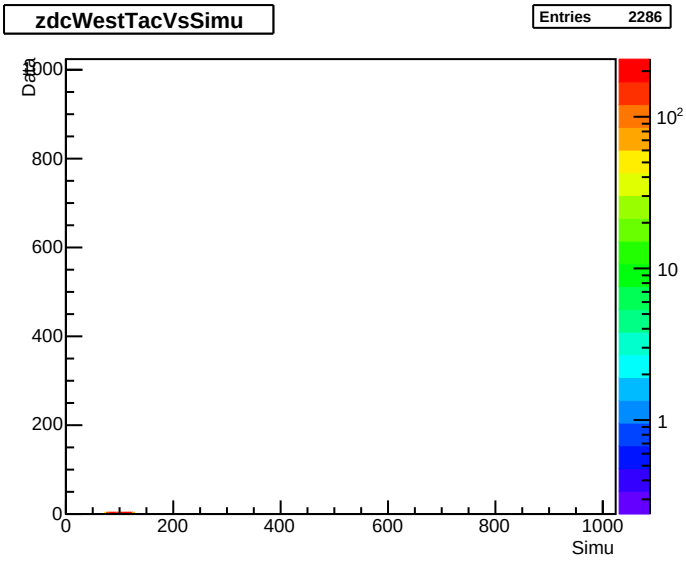

vpdWestTacMax
Entries 407096

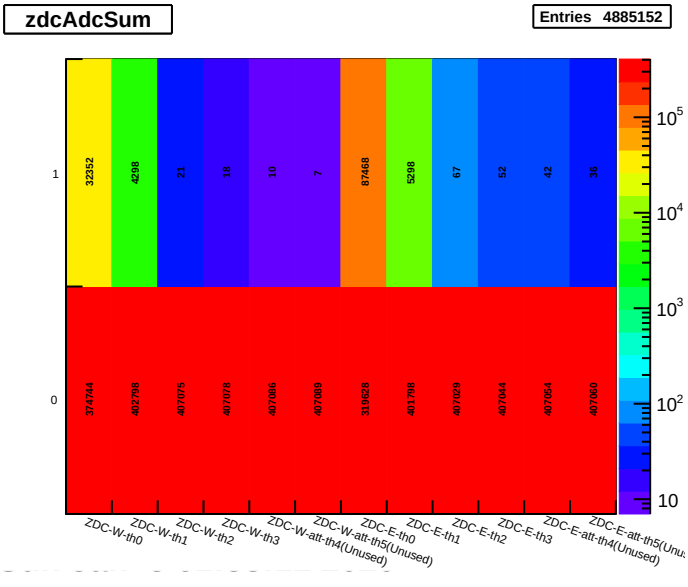

vpdWestTacMaxVsSimu
Entries 311909
Data
Simu

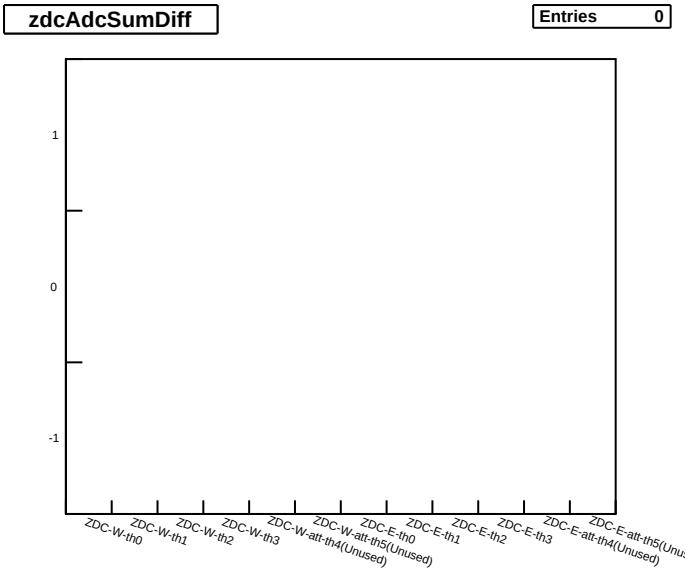

zdcEastTac
Entries 407096

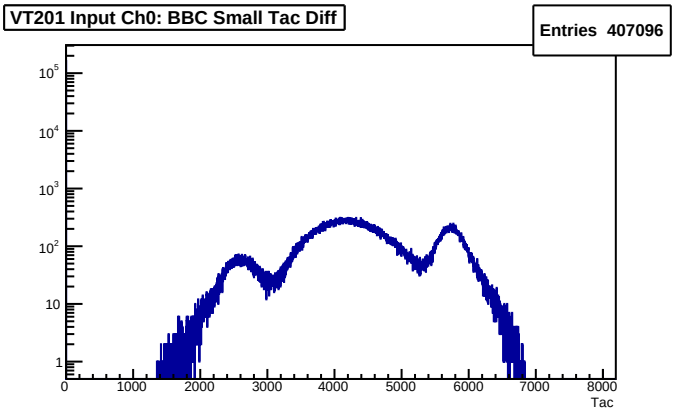

zdcEastTacVsSimu
Entries 1070
Data
Simu

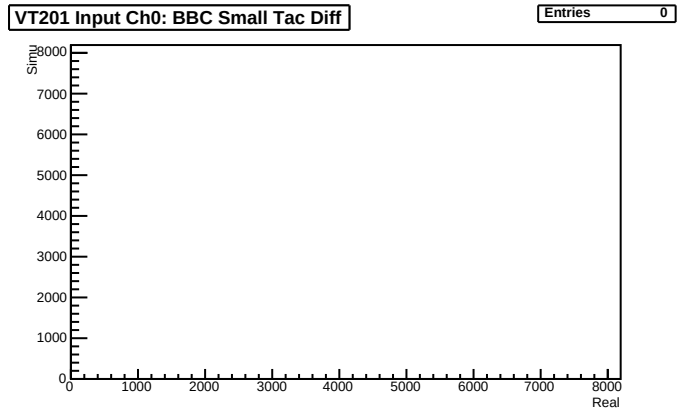

zdcWestTac
Entries 407096

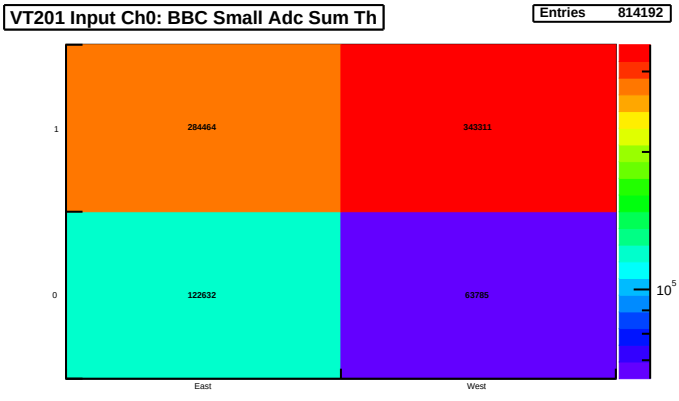

zdcWestTacVsSimu
Entries 2286
Data
Simu

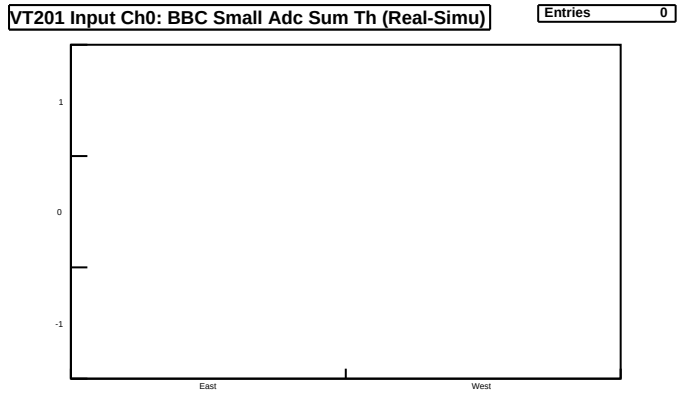

zdcAdcSum
Entries 4885152
32352
4298
21
18
10
7
87468
5298
67
52
42
36
374744
402798
407075
407078
407086
407089
319628
401798
407029
407044
407054
407060
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

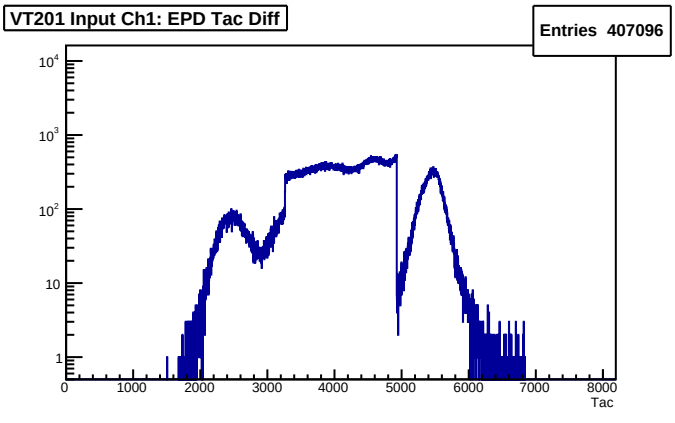

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

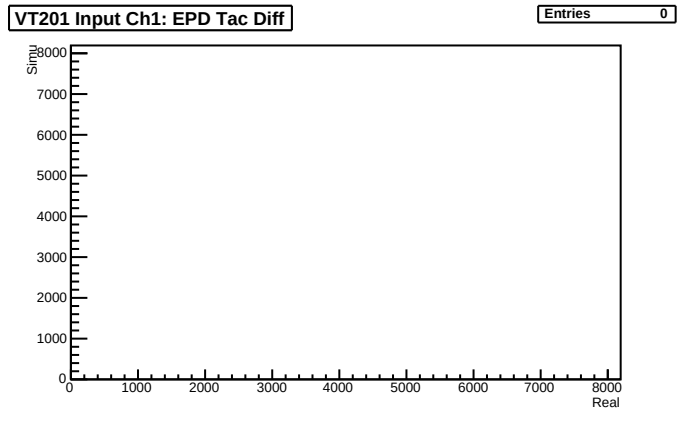

VT201 Input Ch0: BBC Small Tac Diff
Entries 407096
Tac

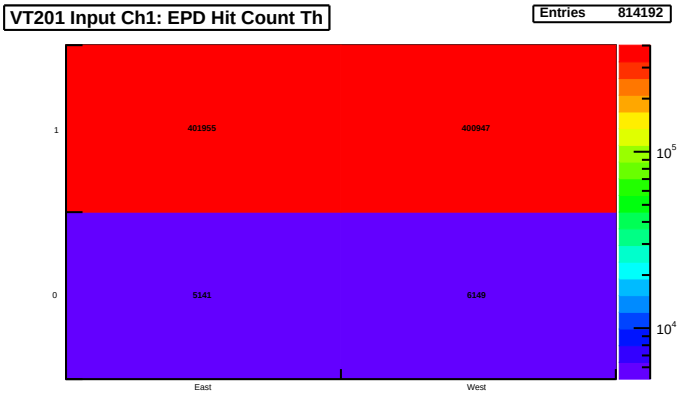

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

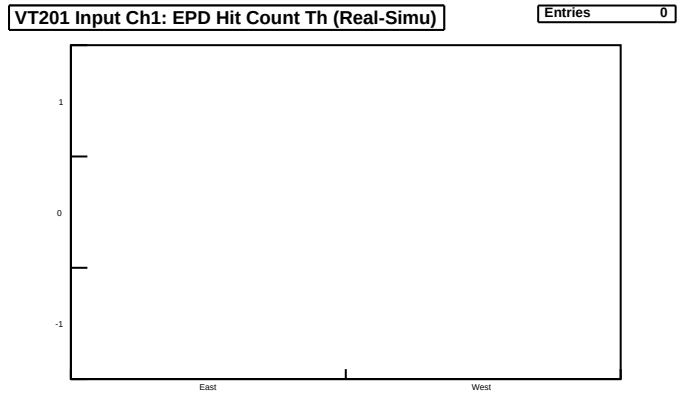

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 814192
284464
343311
122632
63785
East
West

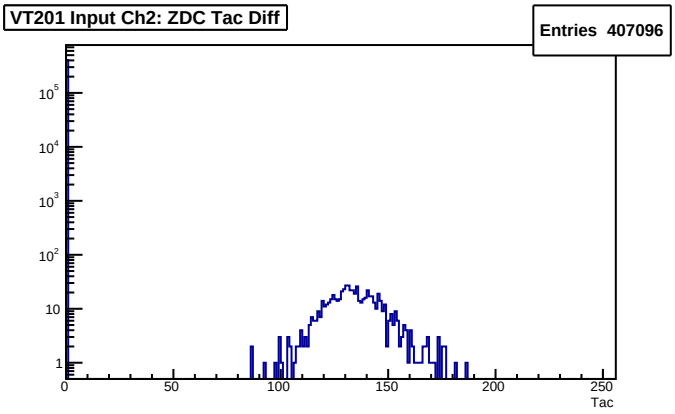

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

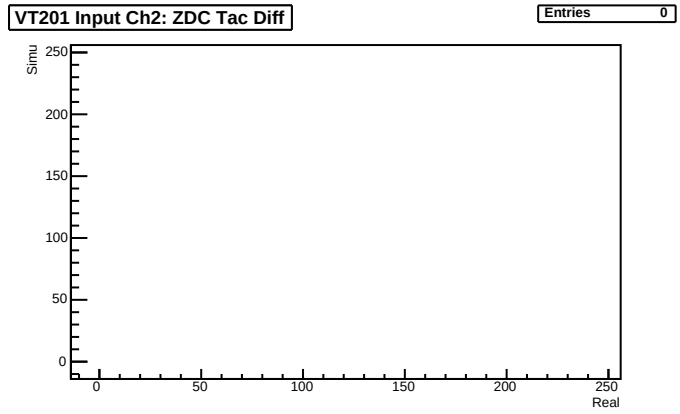

VT201 Input Ch1: EPD Tac Diff
Entries 407096
Tac

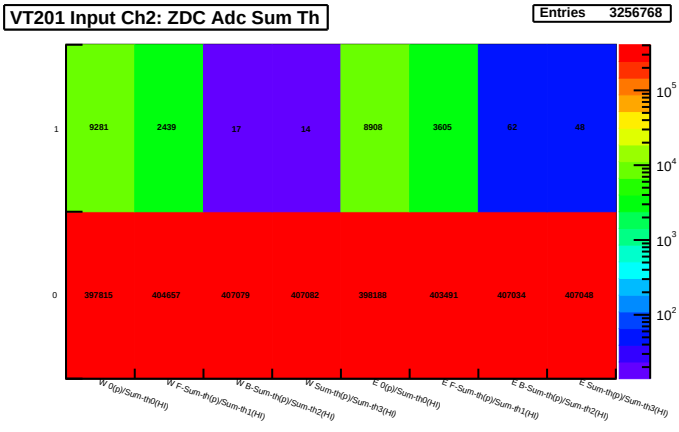

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

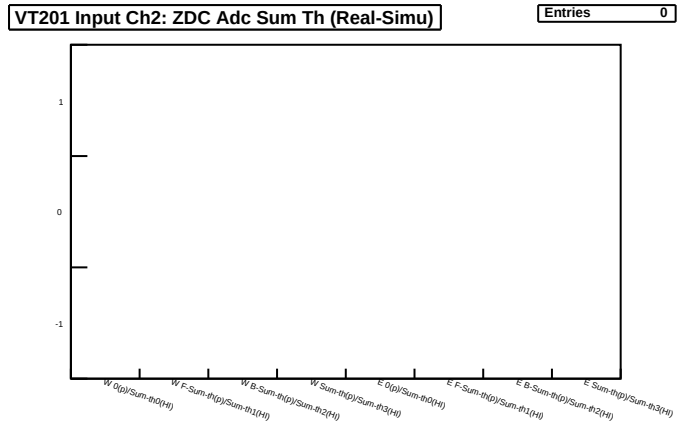

VT201 Input Ch1: EPD Hit Count Th
Entries 814192
401955
400947
5141
6149
East
West

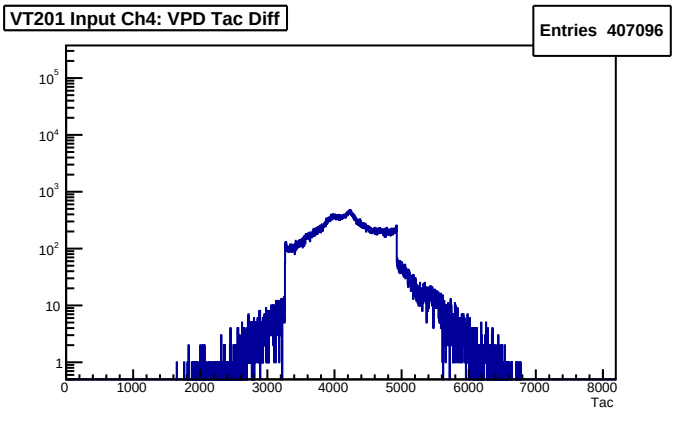

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

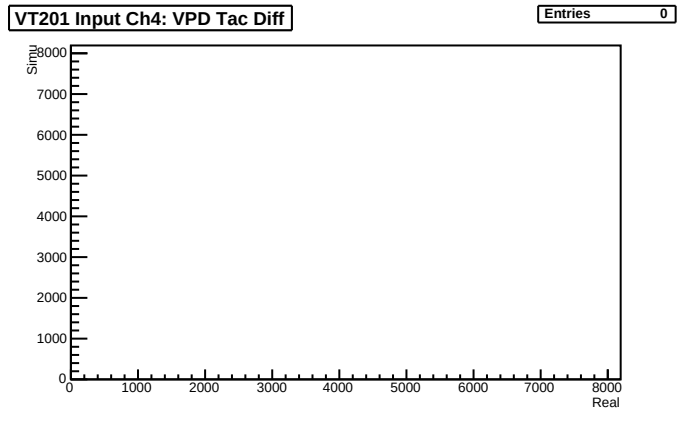

VT201 Input Ch2: ZDC Tac Diff
Entries 407096
Tac

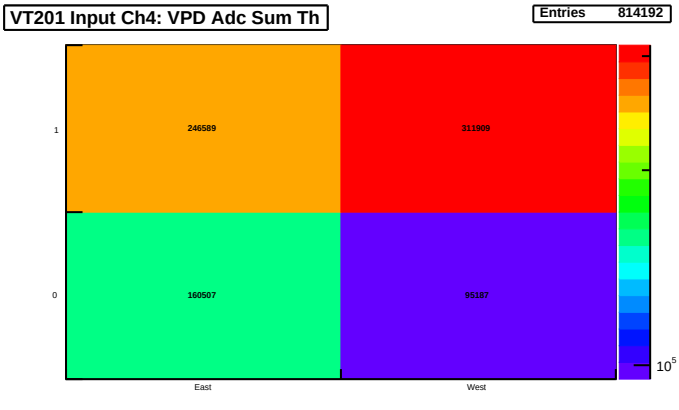

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

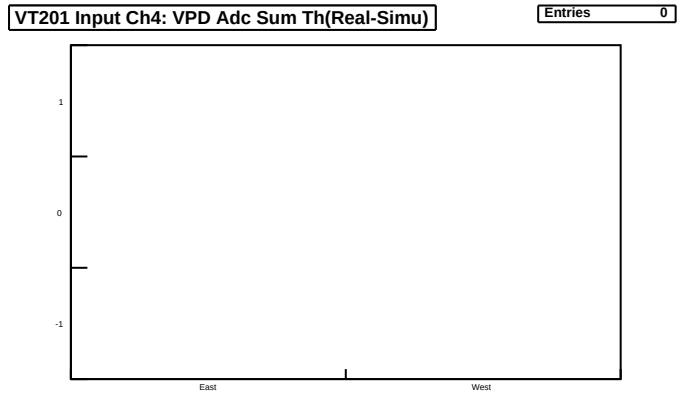

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3256768
9281
2439
17
14
8908
3605
62
48
397815
404657
407079
407082
398188
403491
407034
407048
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

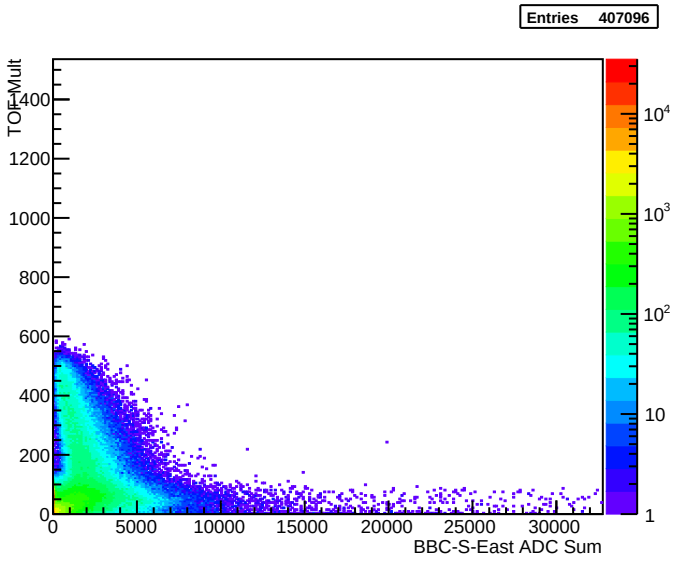

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

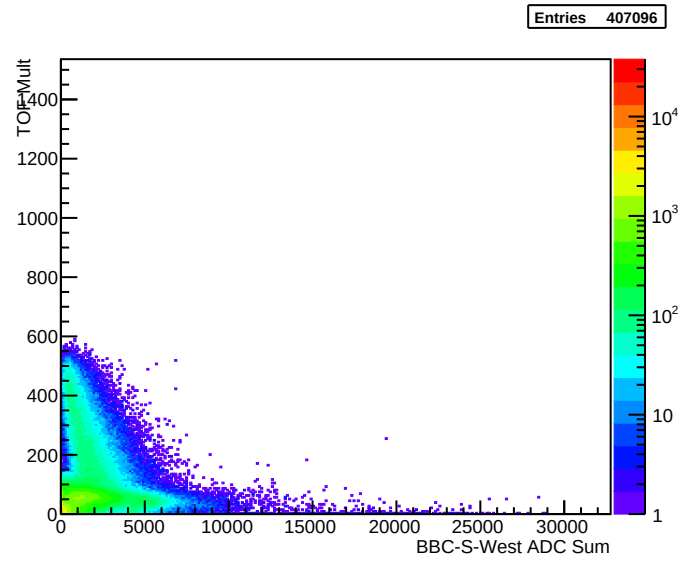

VT201 Input Ch4: VPD Tac Diff
Entries 407096
Tac

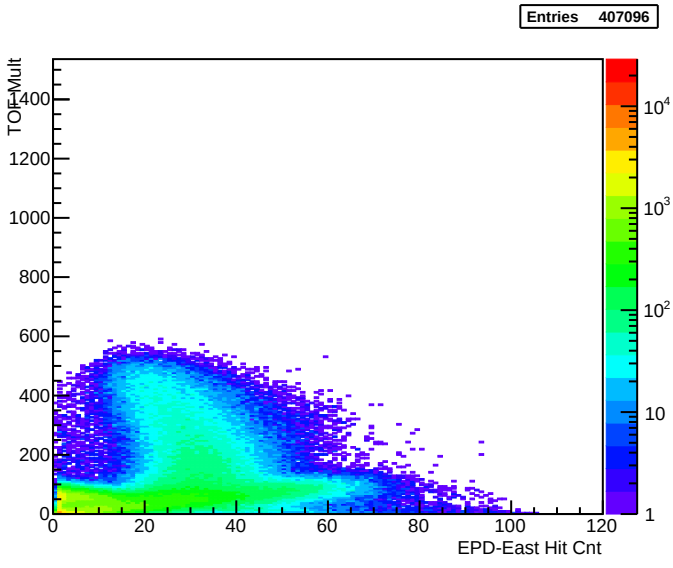

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

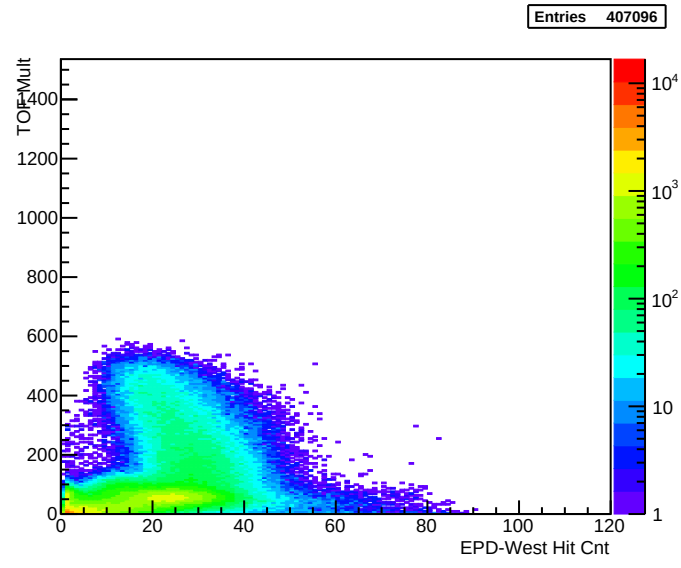

VT201 Input Ch4: VPD Adc Sum Th
Entries 814192
246589
311909
160507
95187
East
West

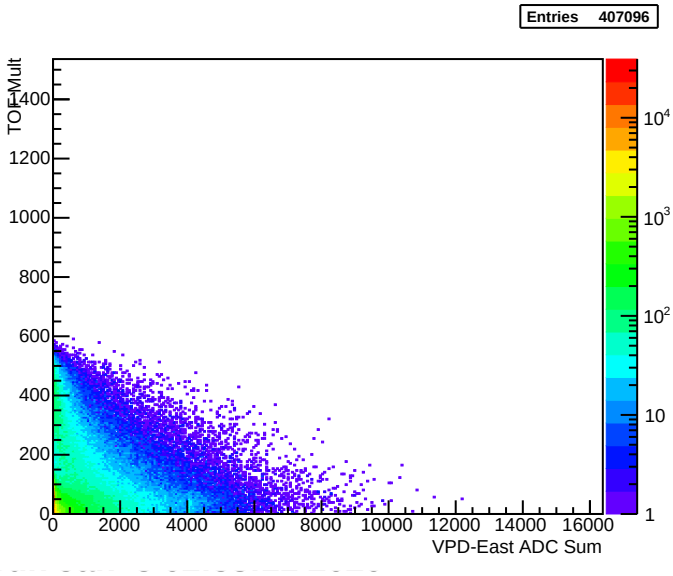

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

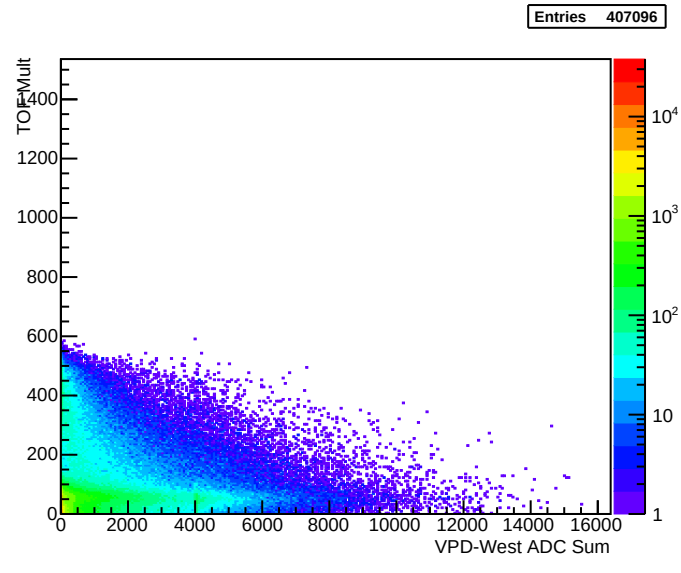

Entries 407096
TOF-Mult
BBC-S-East ADC Sum

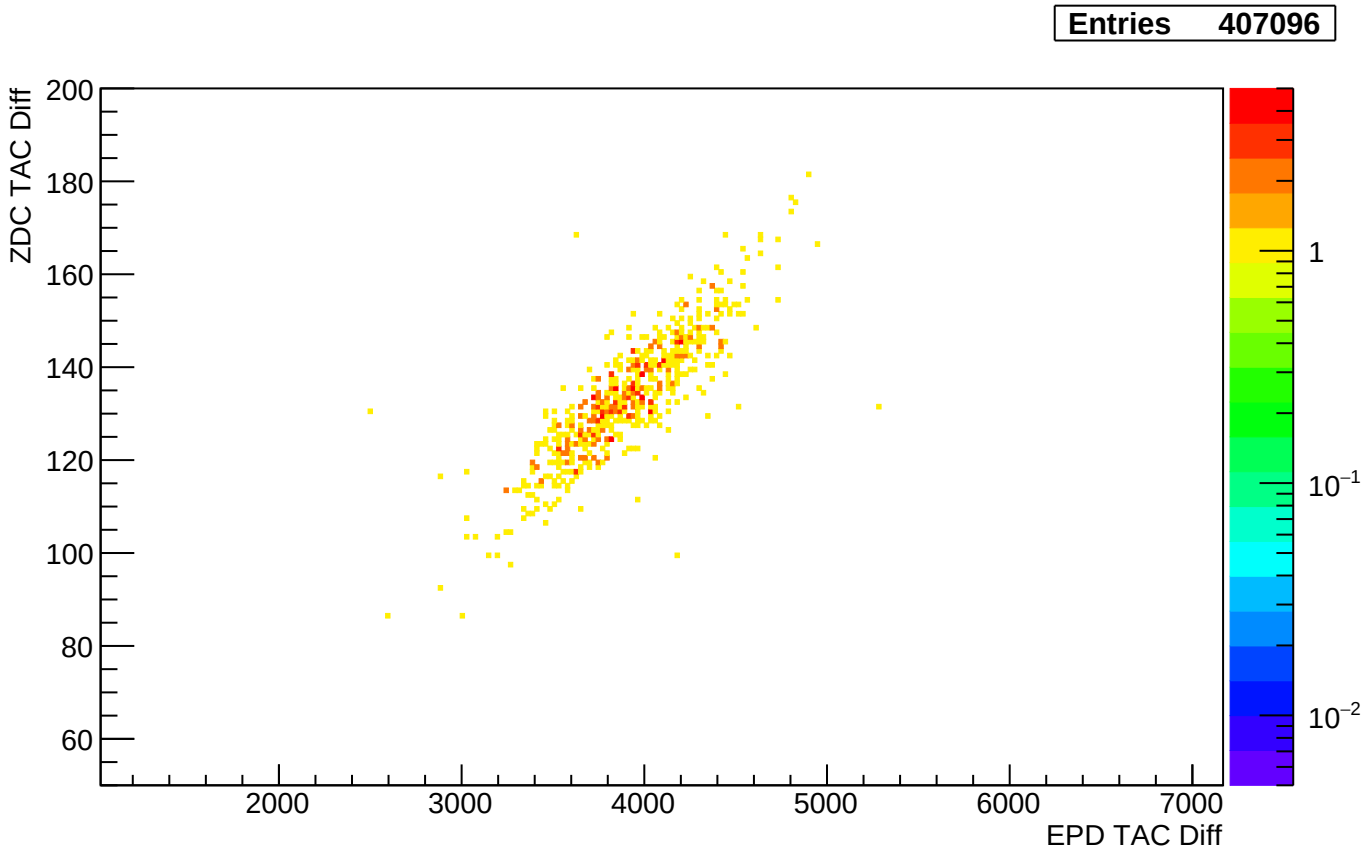

Entries 407096
TOF-Mult
BBC-S-West ADC Sum

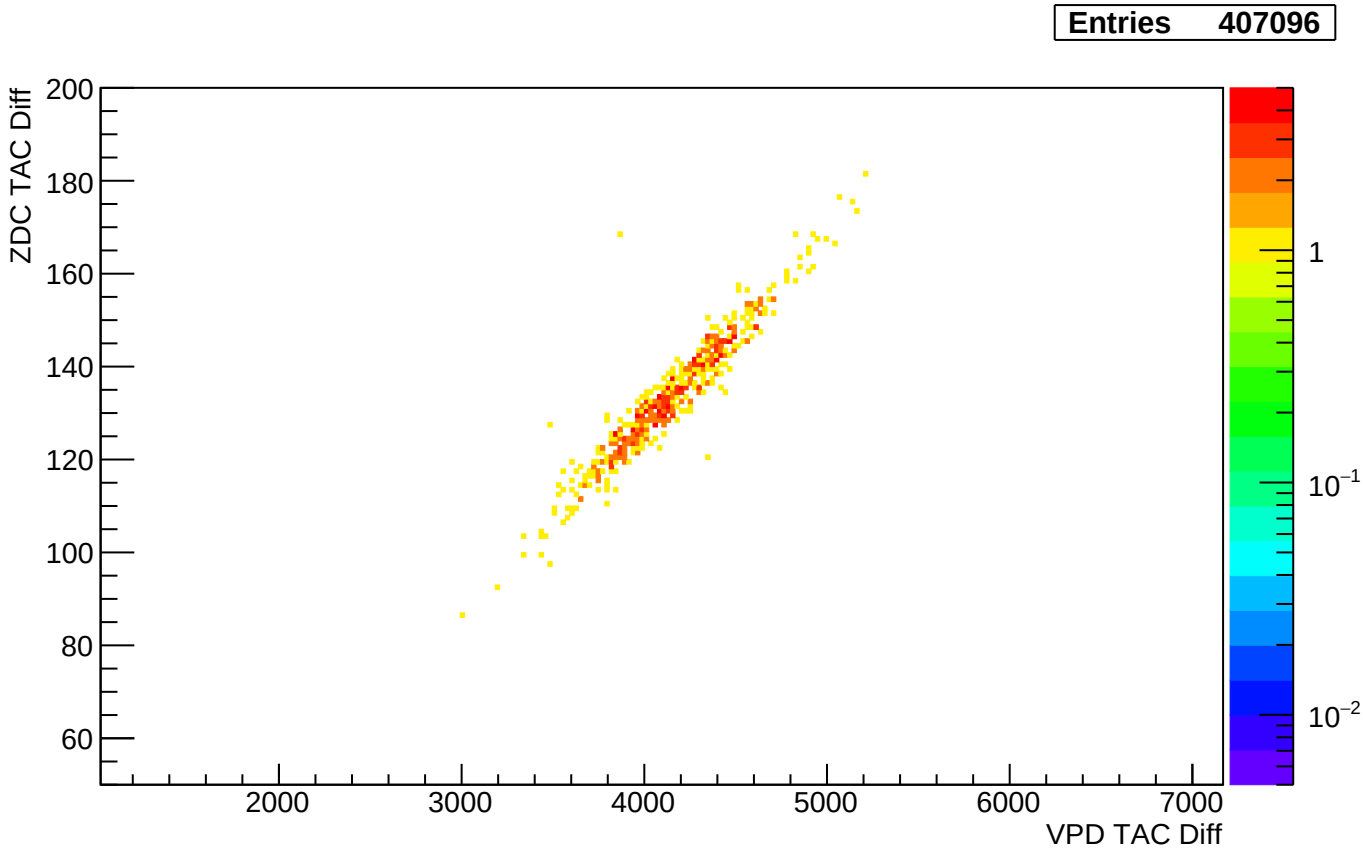

Entries 407096
TOF-Mult
EPD-East Hit Cnt

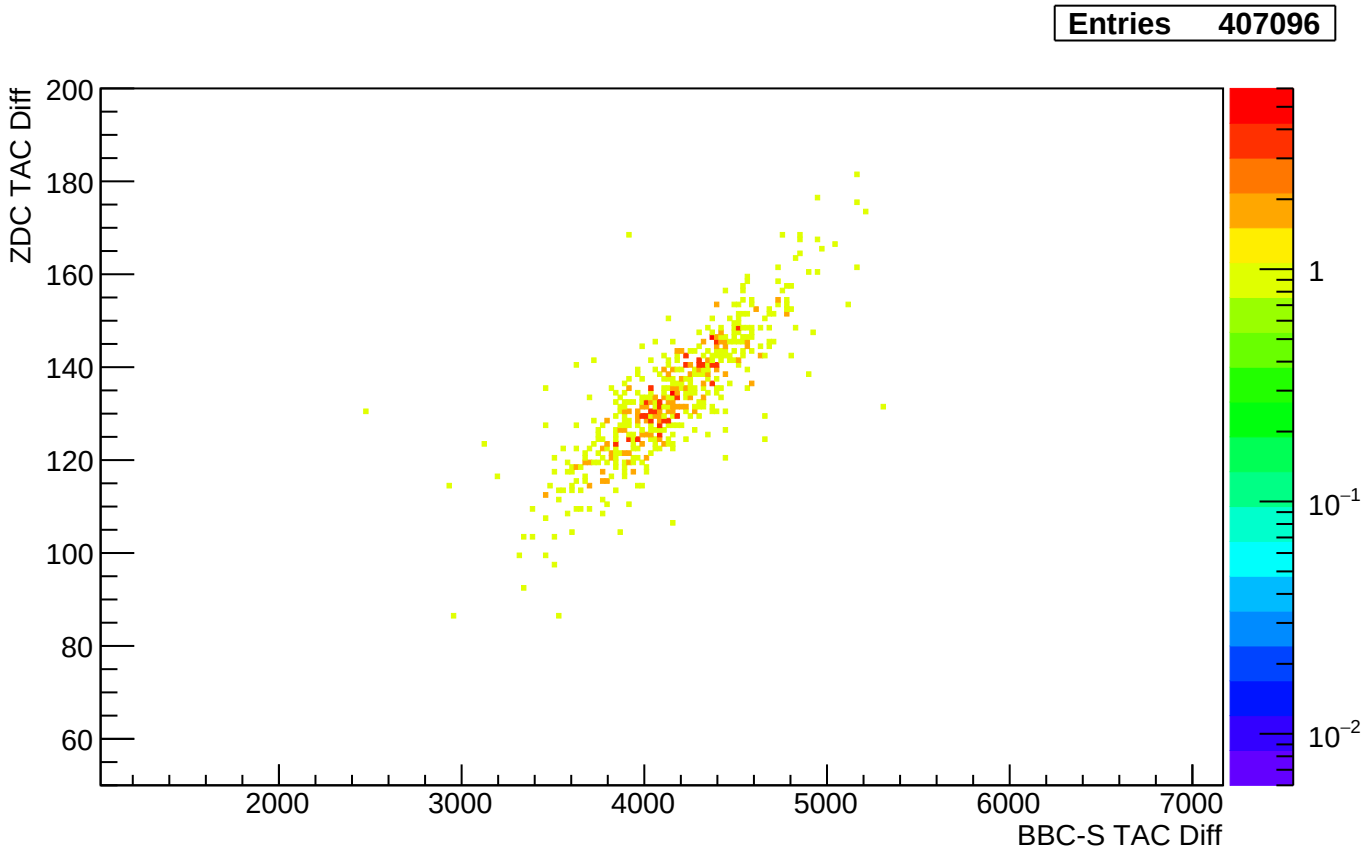

Entries 407096
TOF-Mult
EPD-West Hit Cnt

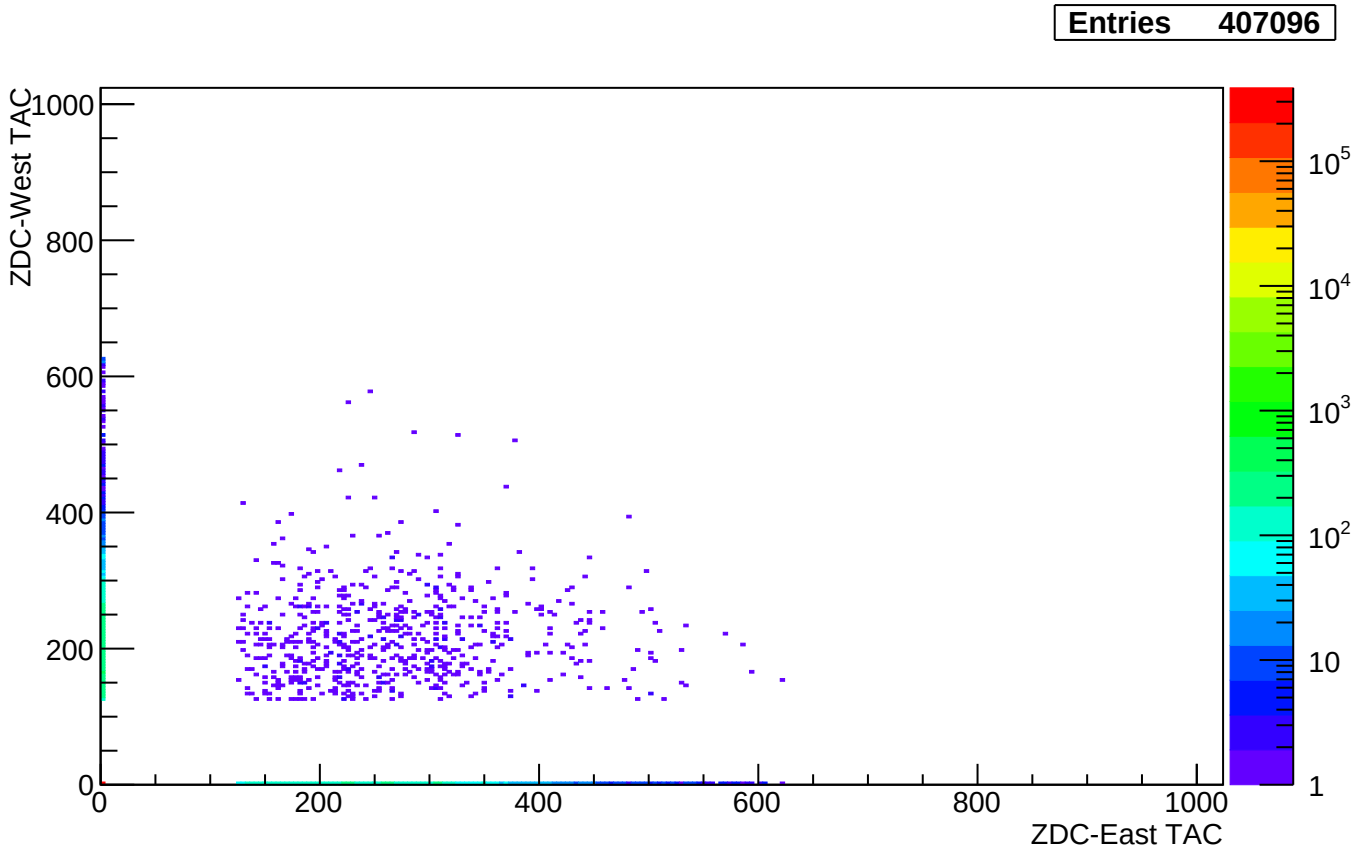

Entries 407096
TOF-Mult
VPD-East ADC Sum

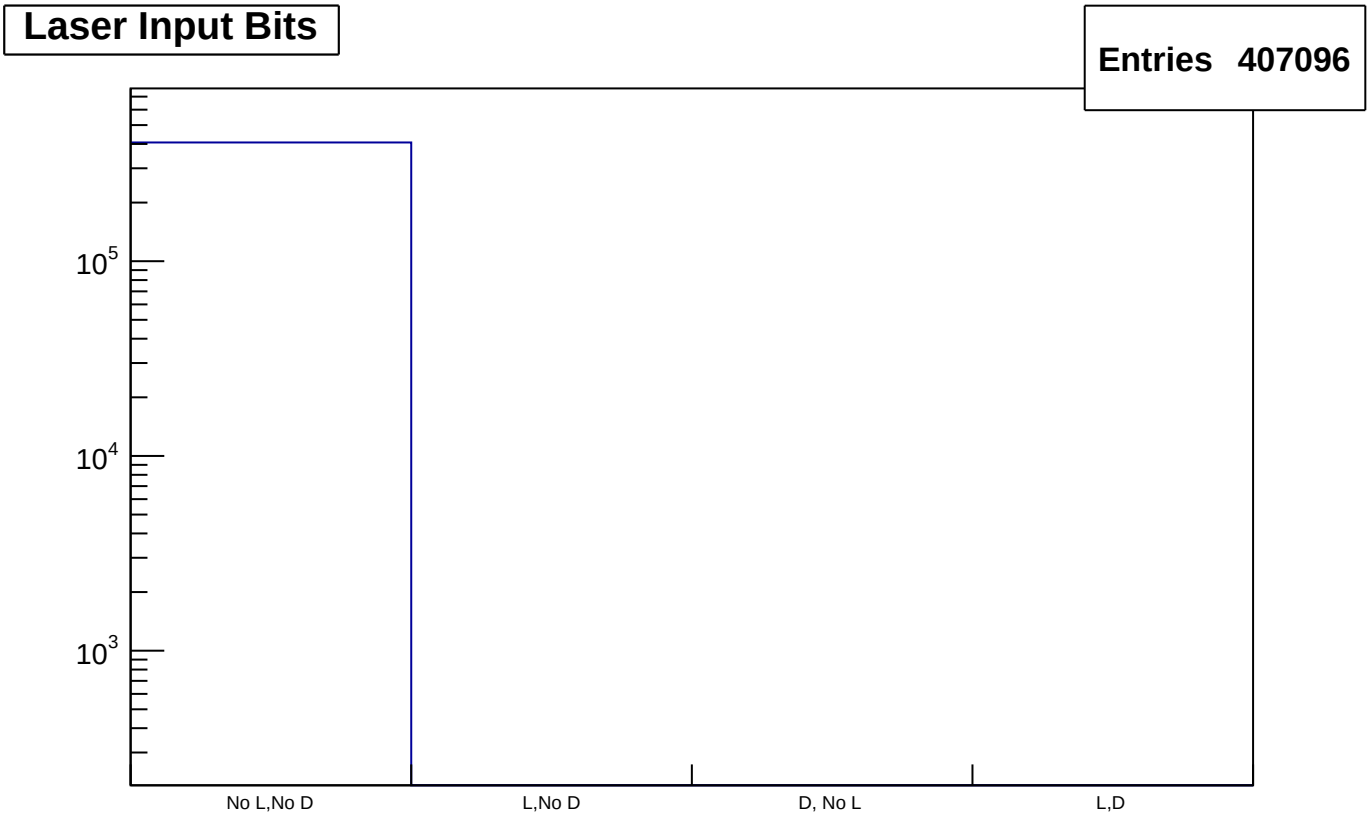

Entries 407096
TOF-Mult
VPD-West ADC Sum

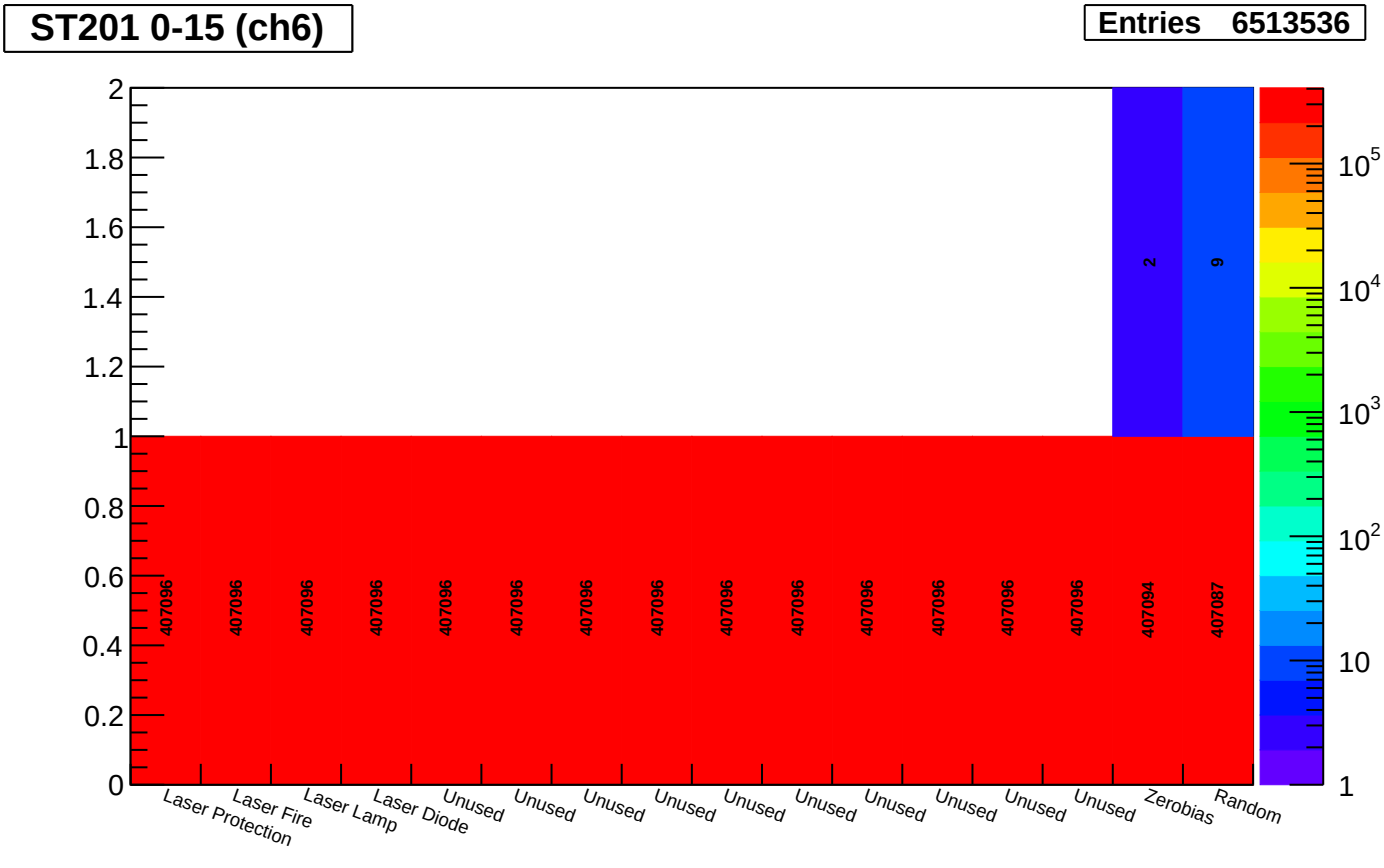

Entries 407096
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

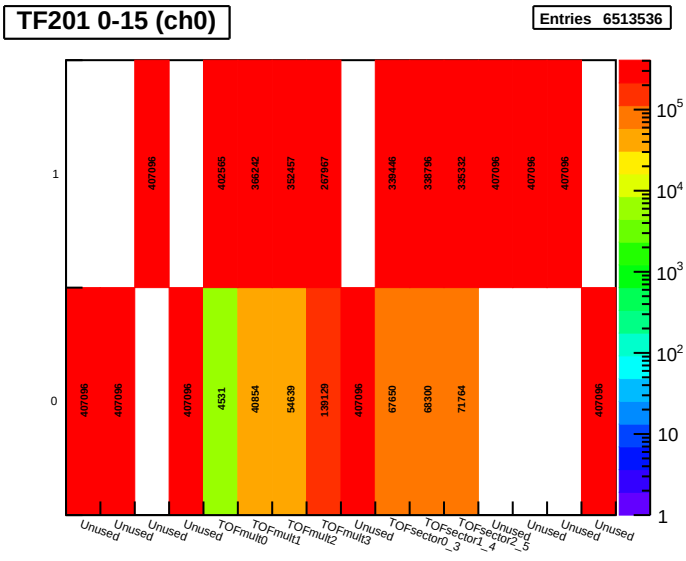

Entries 407096
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

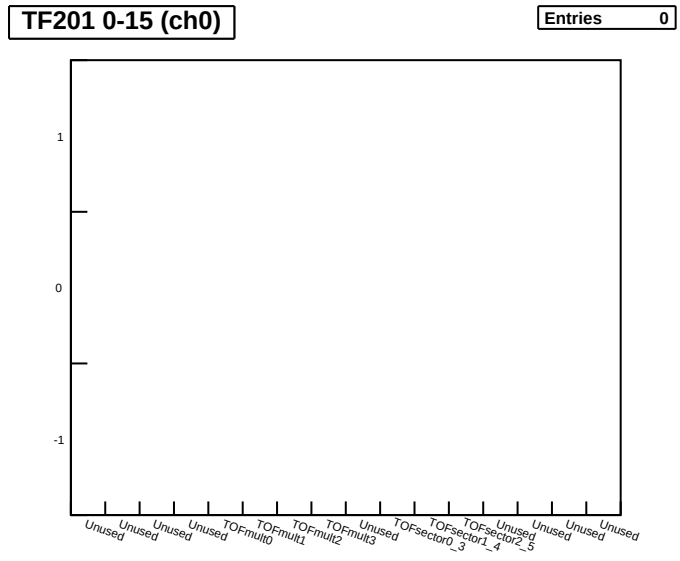

Entries 407096
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

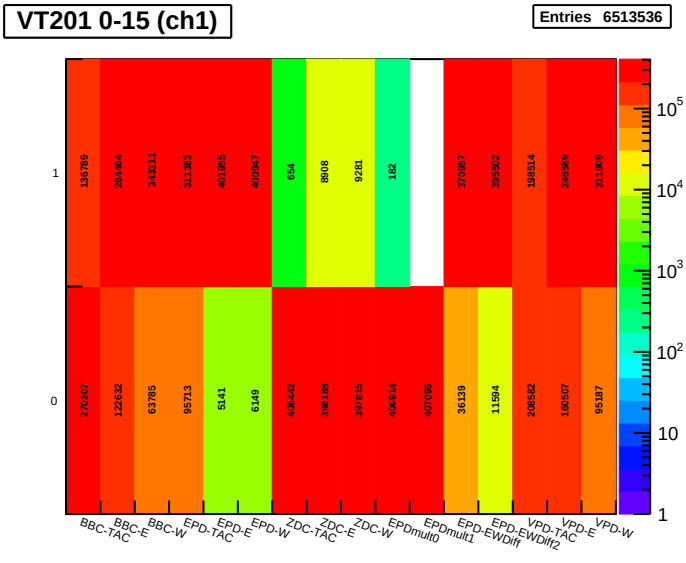

Entries 407096
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

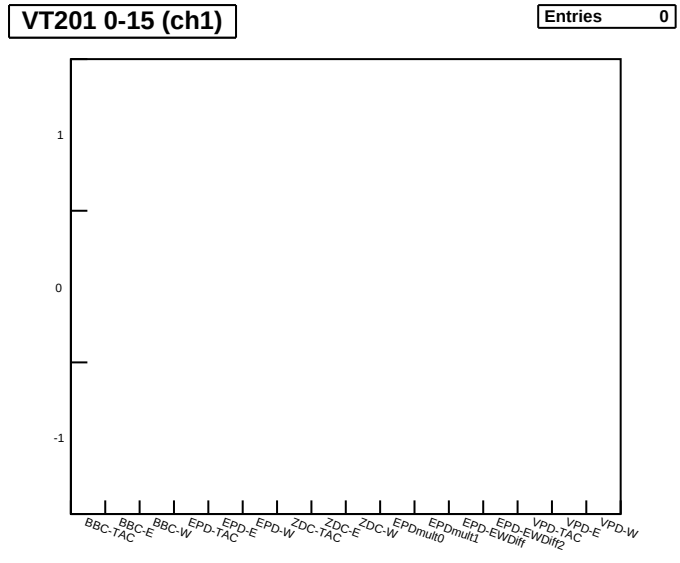

Laser Input Bits
Entries 407096
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

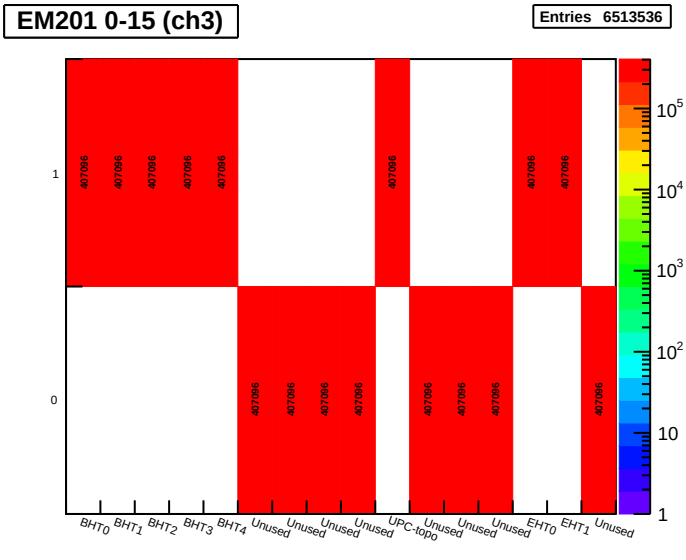

ST201 0-15 (ch6)
Entries 6513536
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
407096
407096
407096
407096
407096
407096
407096
407096
407096
407096
407096
407096
407096
407096
407094
407087
2
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

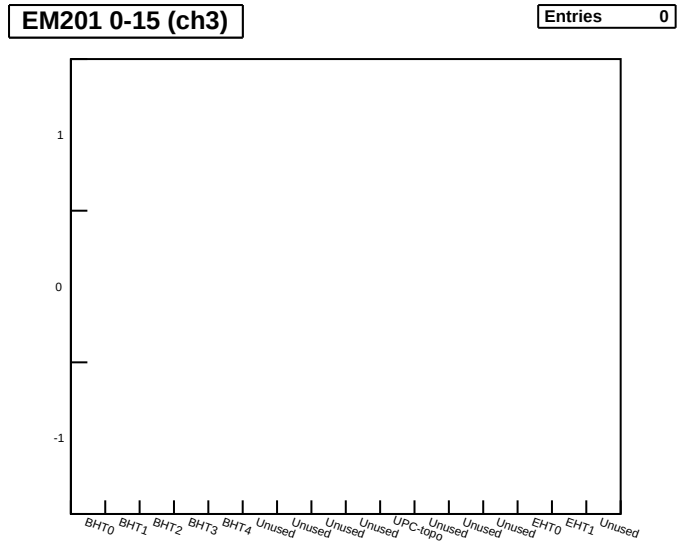

TF201 0-15 (ch0)
Entries 6513536
1
0
407096 402565 366242 352457 257967 339446 339796 335332 407096 407096 407096
407096 407096 407096 4531 40854 54639 139129 407096 67650 68300 71764 407096
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 6513536
1
0
136789 284464 343311 311383 401955 400947 654 8908 9281 182 370957 395502 196514 246589 311909
270307 122632 63785 95713 5141 6149 406442 398188 397815 406914 407096 36139 11594 208582 160507 95187
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 6513536
1
0
407096 407096 407096 407096 407096 407096 407096 407096
407096 407096 407096 407096 407096 407096 407096 407096
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