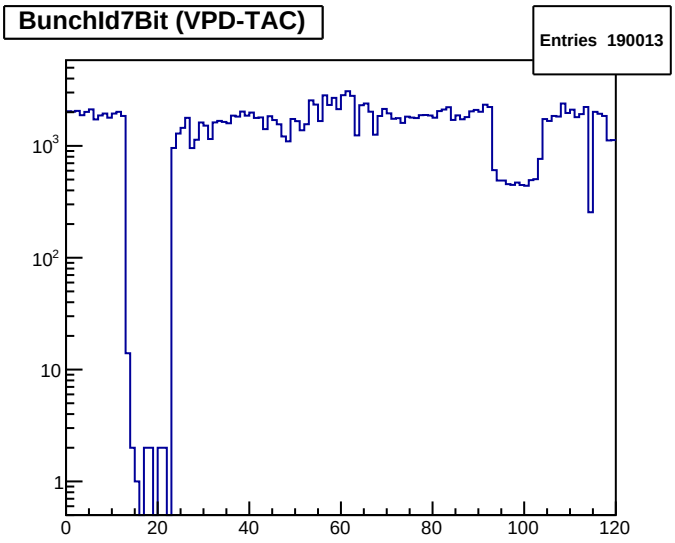
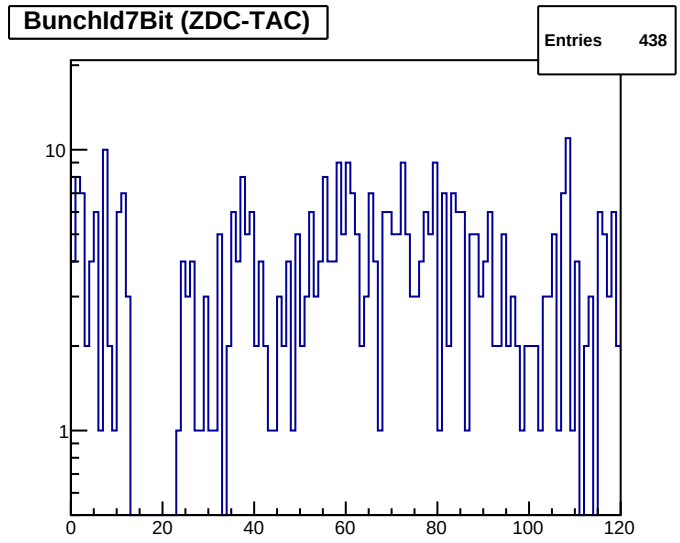
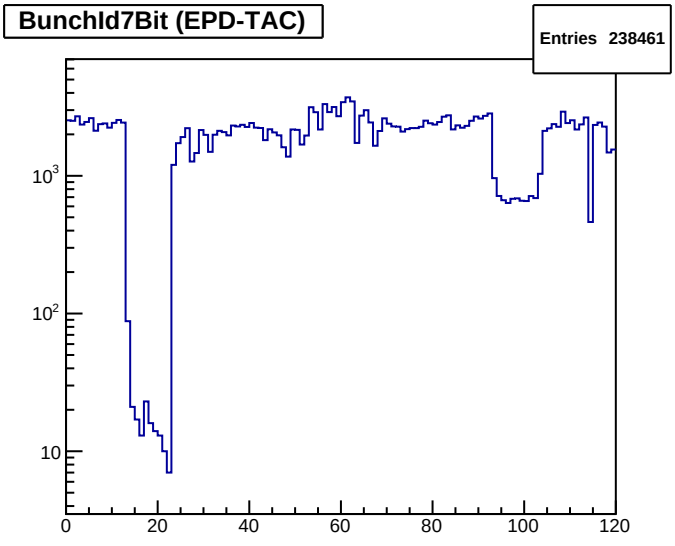
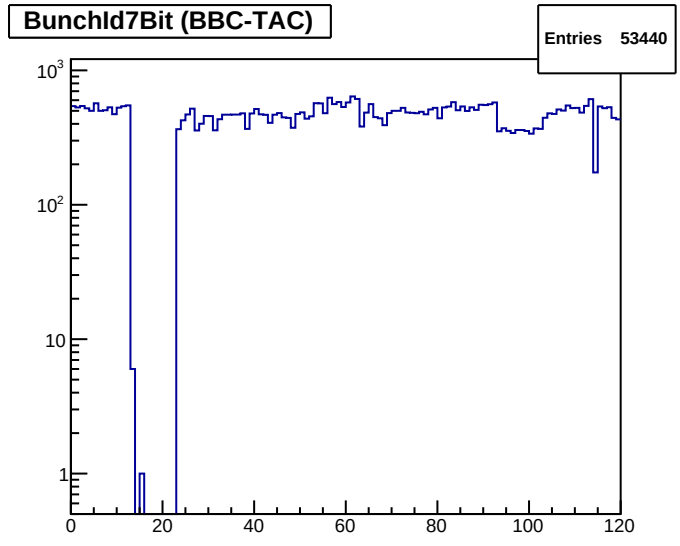
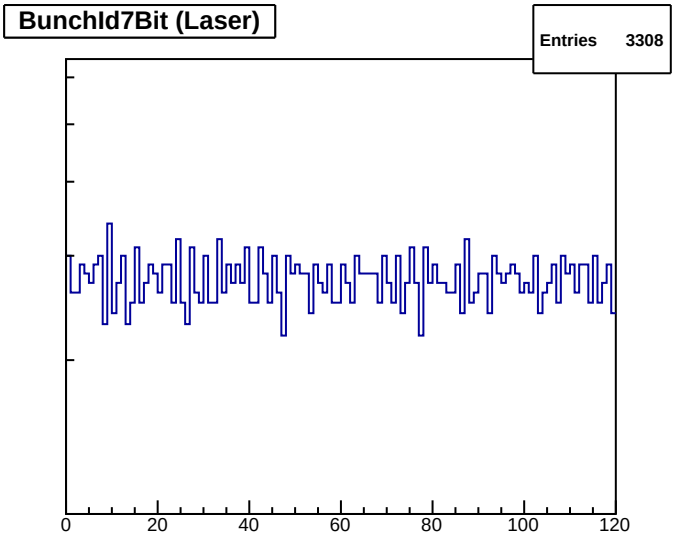
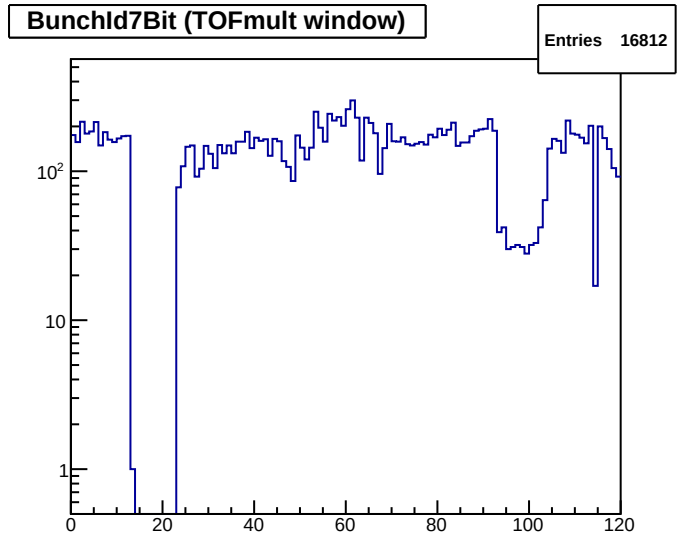

BunchId7Bit (VPD-TAC)
Entries 190013

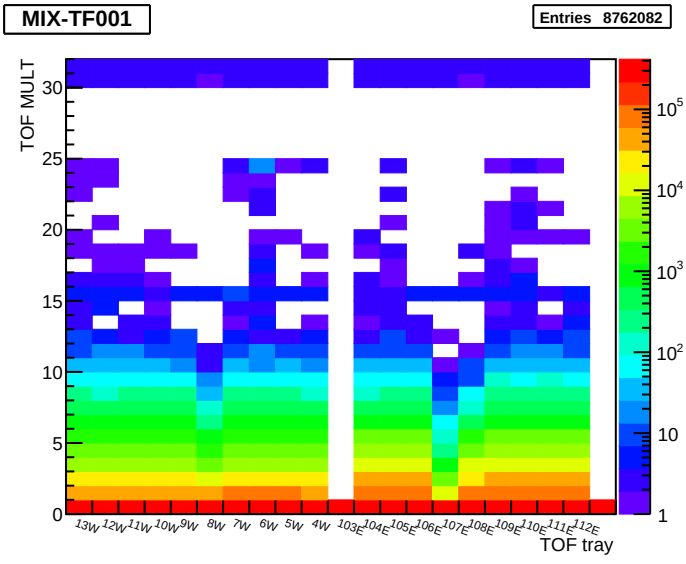

BunchId7Bit (ZDC-TAC)
Entries 438

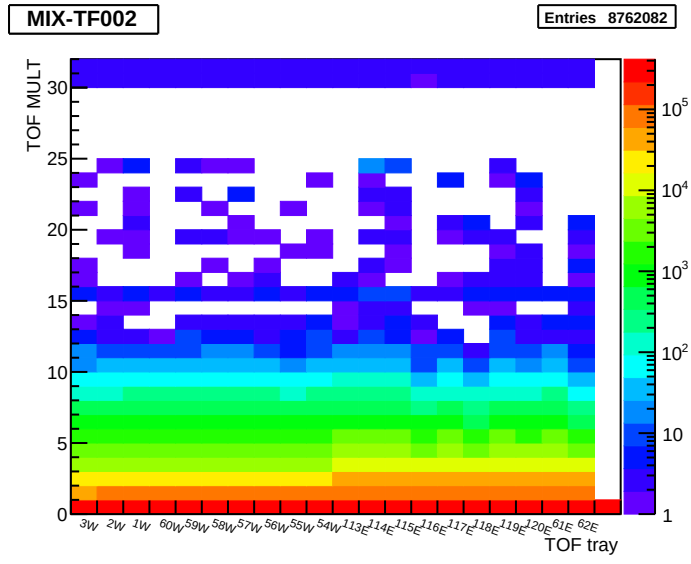

BunchId7Bit (EPD-TAC)
Entries 238461

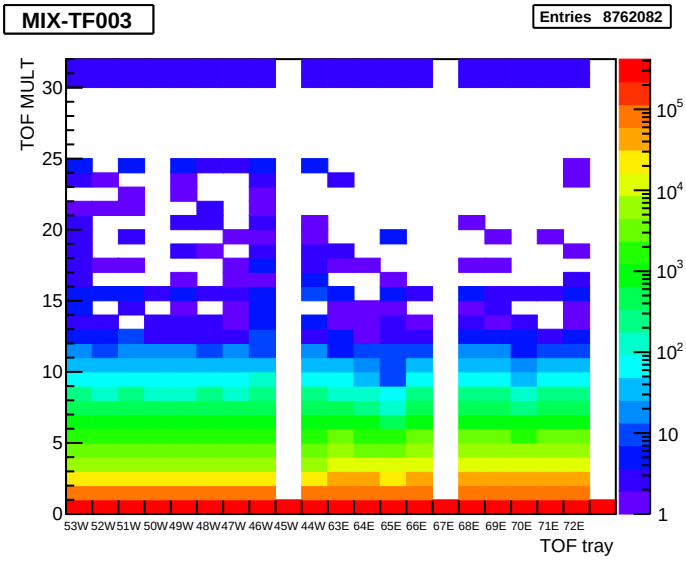

BunchId7Bit (BBC-TAC)
Entries 53440

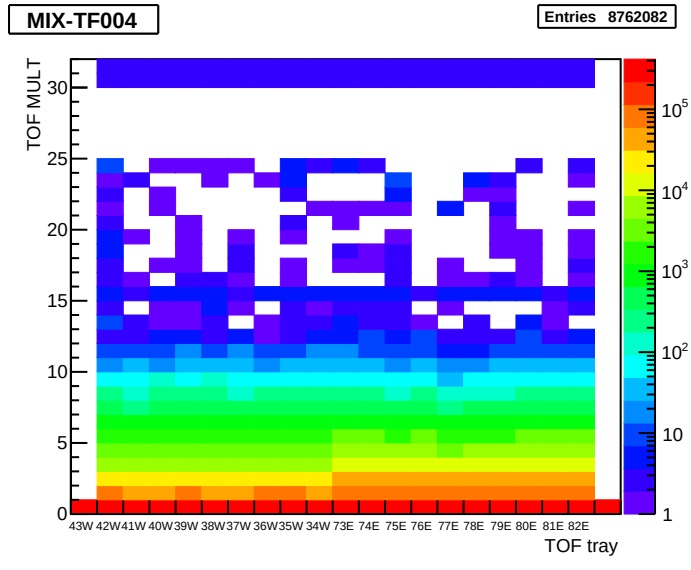

BunchId7Bit (Laser)
Entries 3308

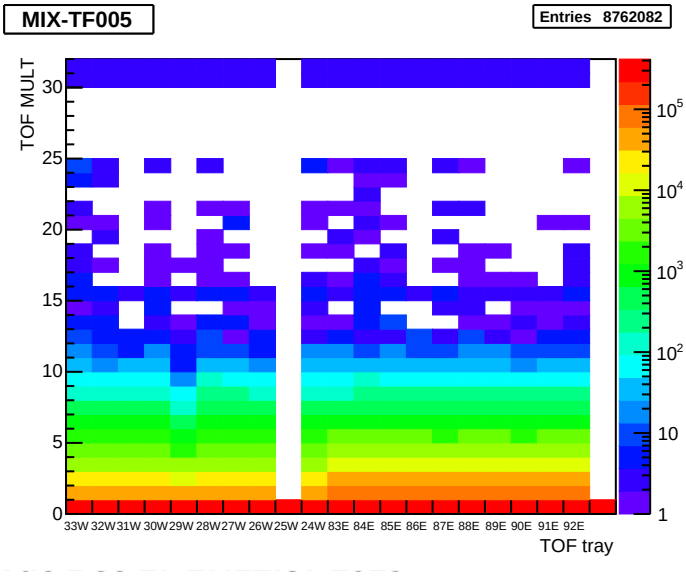

BunchId7Bit (TOFmult window)
Entries 16812

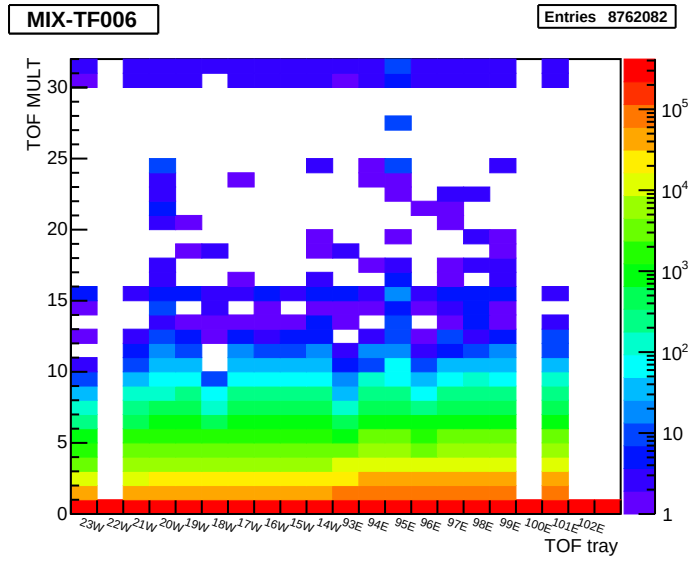

MIX-TF001
Entries 8762082
TOF MULT
TOF tray

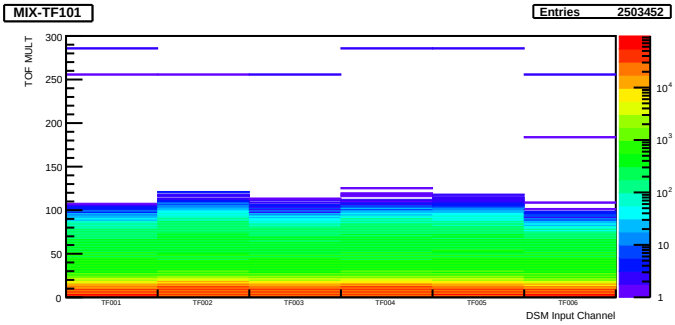

MIX-TF002
Entries 8762082
TOF MULT
TOF tray

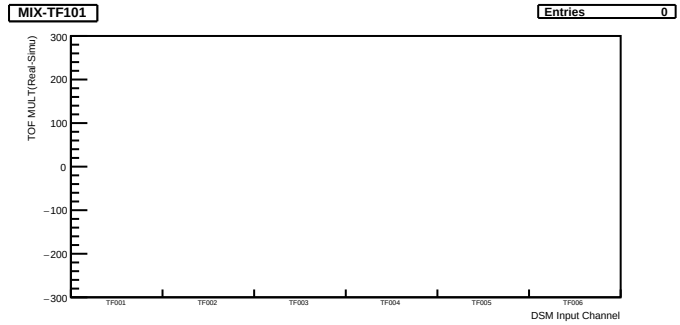

MIX-TF003
Entries 8762082
TOF MULT
TOF tray

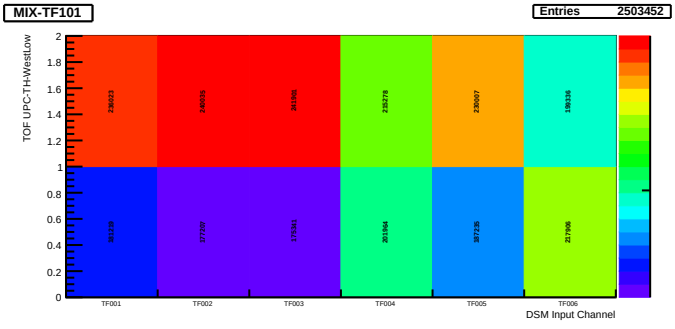

MIX-TF004
Entries 8762082
TOF MULT
TOF tray

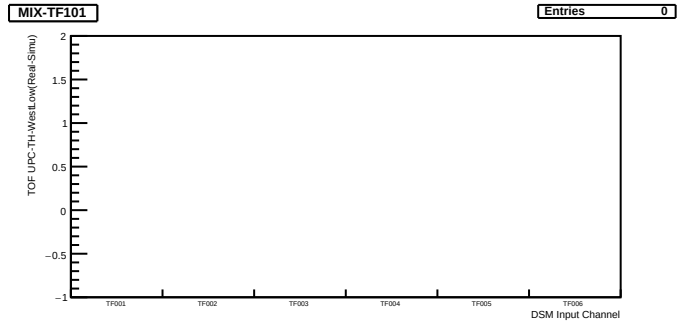

MIX-TF005
Entries 8762082
TOF MULT
TOF tray

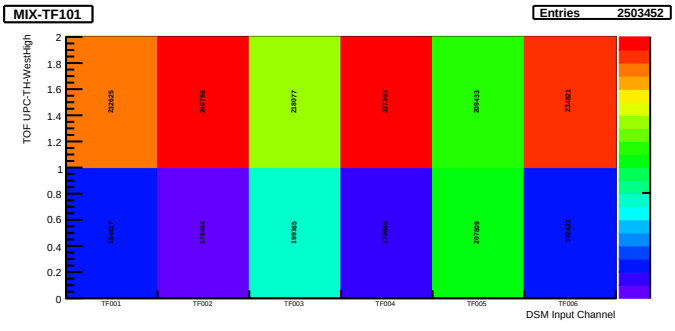

MIX-TF006
Entries 8762082
TOF MULT
TOF tray

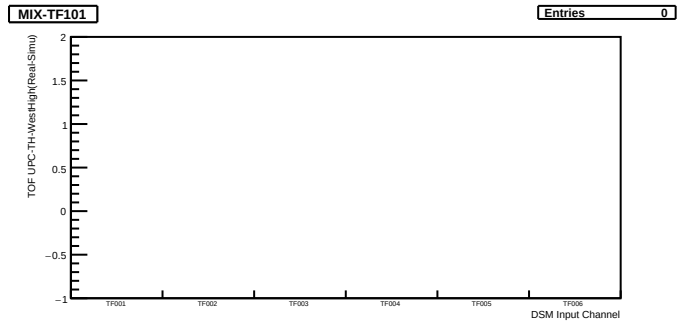

MIX-TF101
Entries 2503452
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

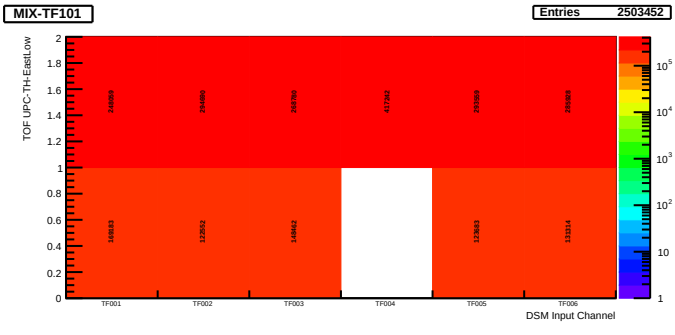

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

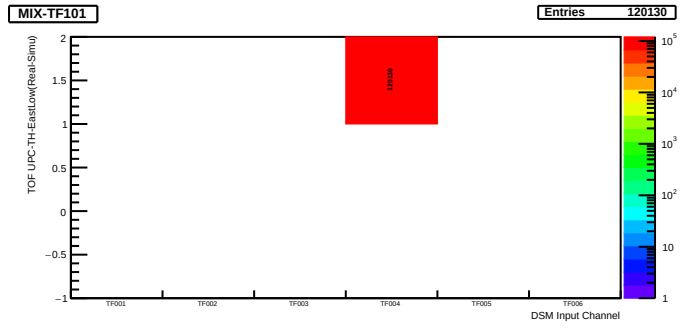

MIX-TF101
Entries 2503452
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

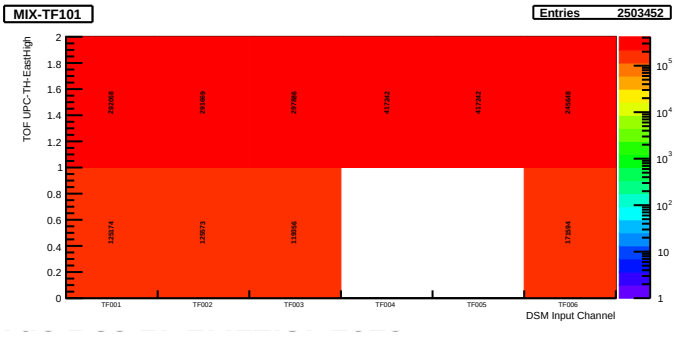

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

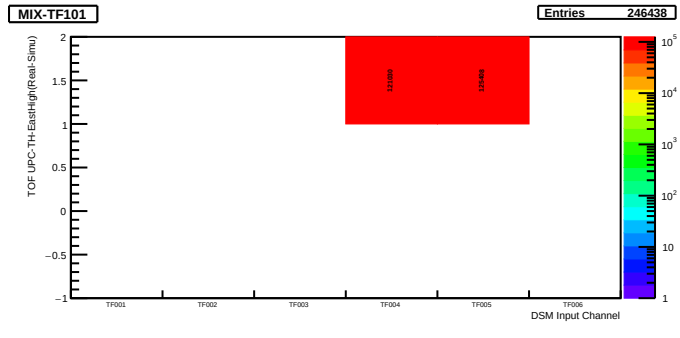

MIX-TF101
Entries 2503452
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

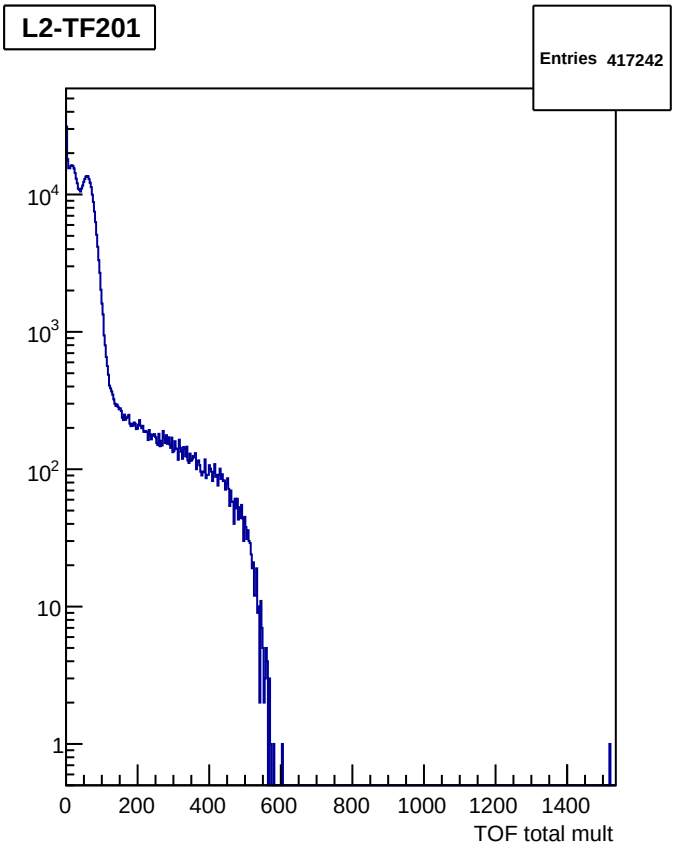

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

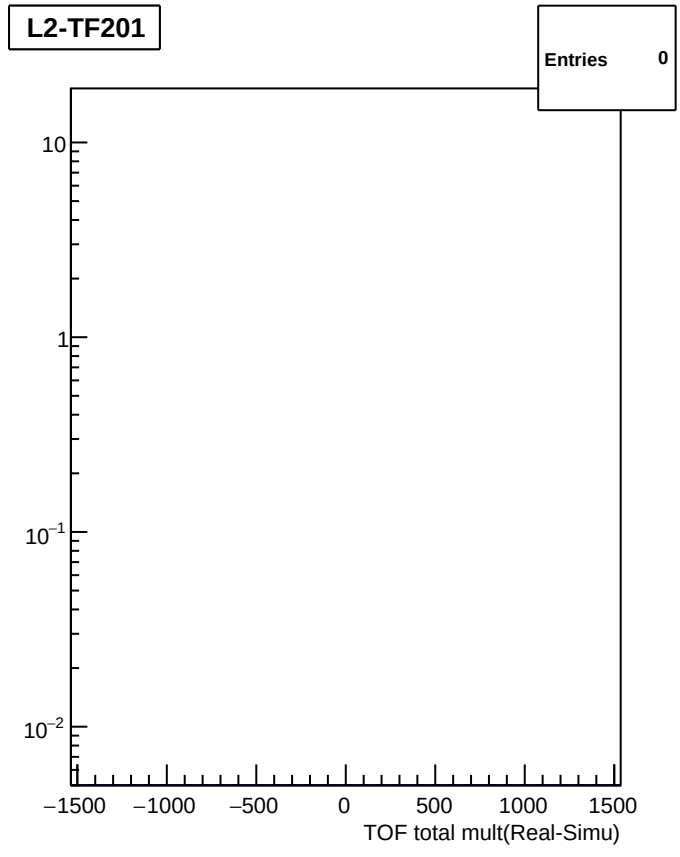

MIX-TF101
Entries 2503452
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

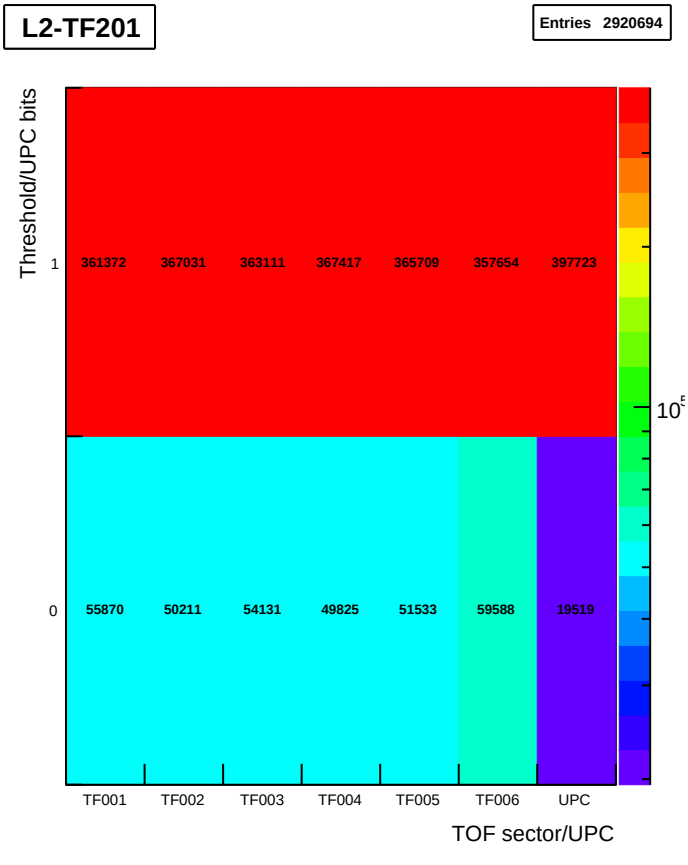

MIX-TF101
Entries 120130
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

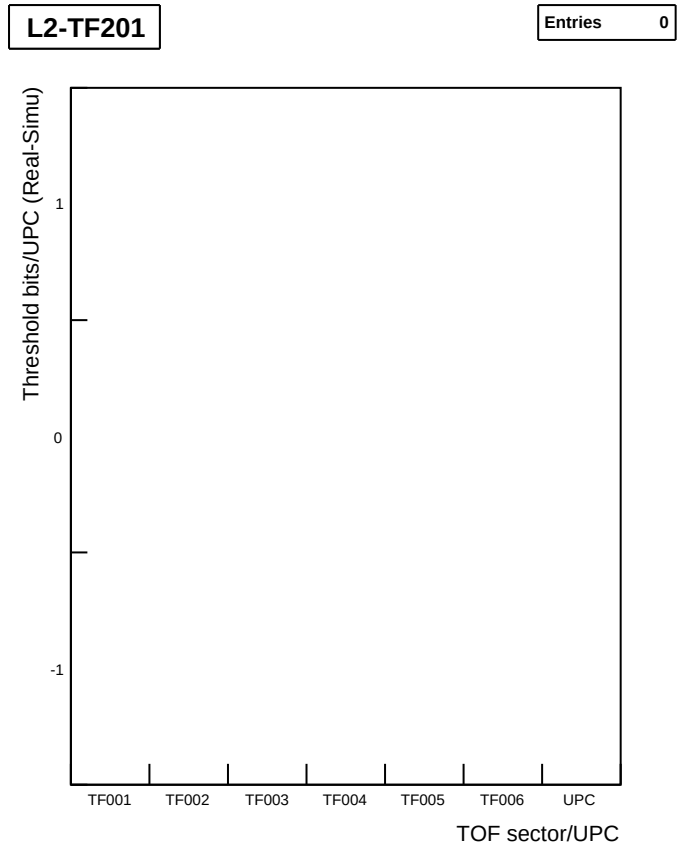

MIX-TF101
Entries 2503452
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

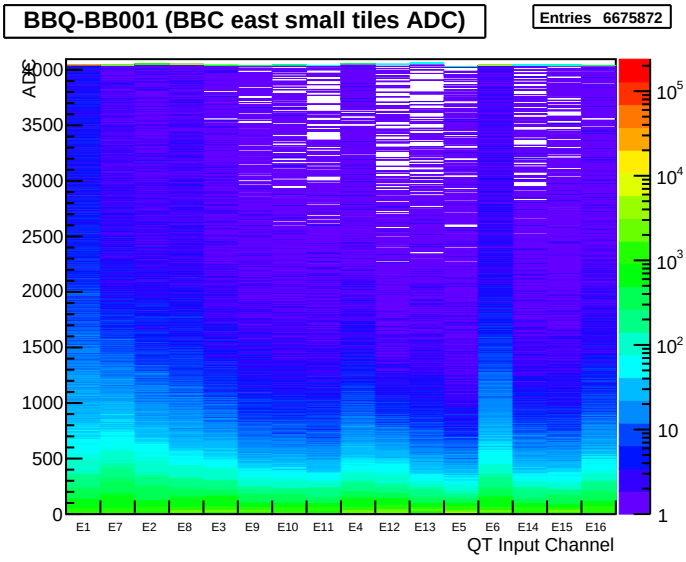

MIX-TF101
Entries 246438
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

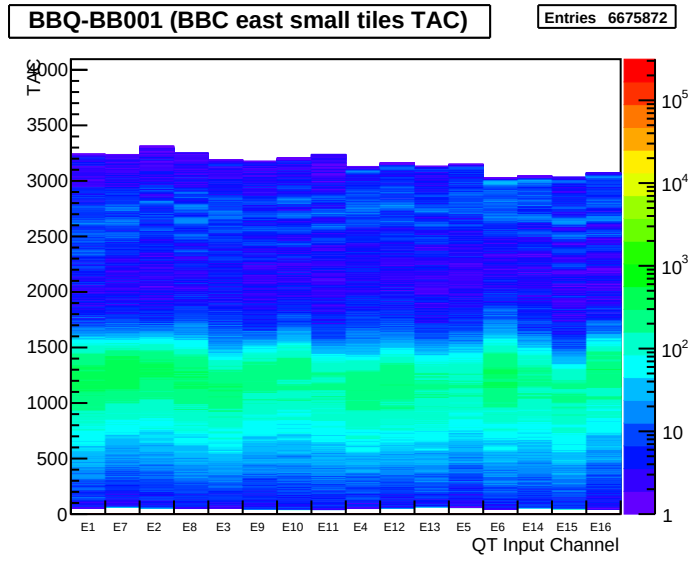

L2-TF201
Entries 417242
TOF total mult

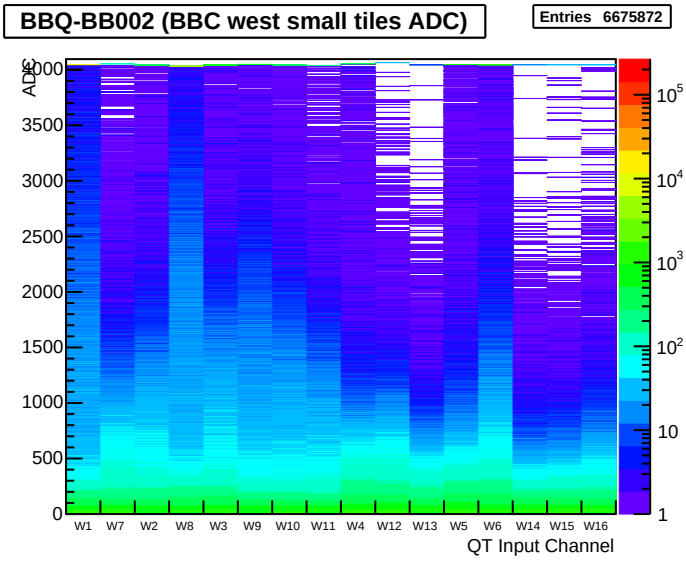

L2-TF201
Entries 0
TOF total mult(Real-Simu)

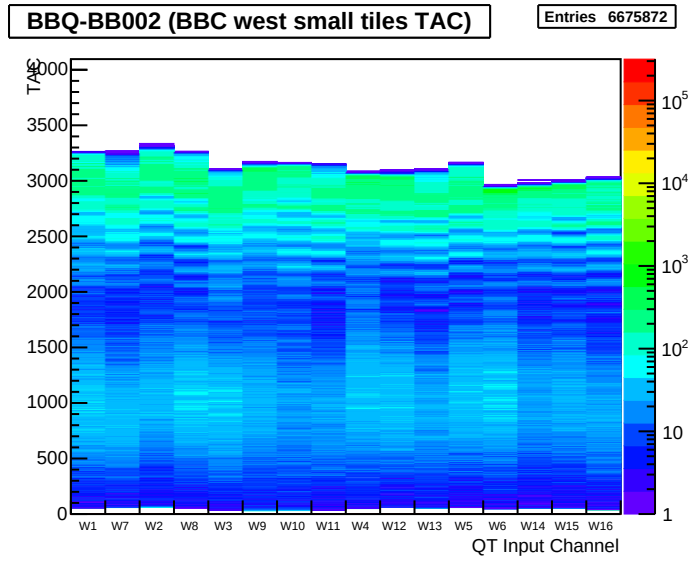

L2-TF201
Entries 2920694
Threshold/UPC bits
361372
367031
363111
367417
365709
357654
397723
55870
50211
54131
49825
51533
59588
19519
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

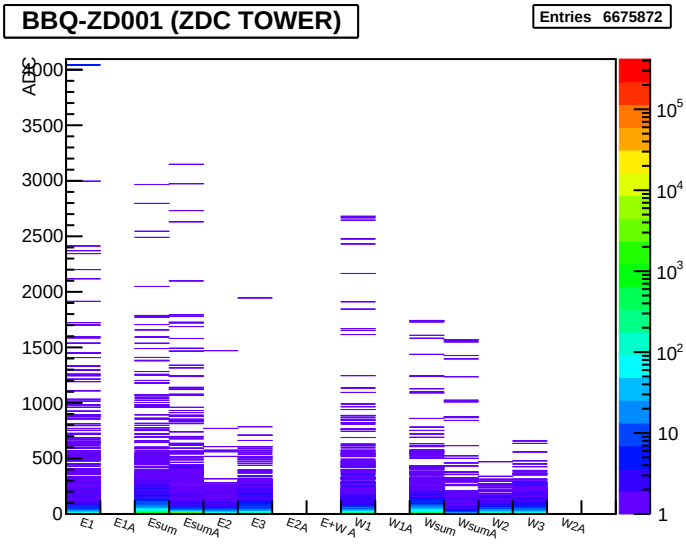

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

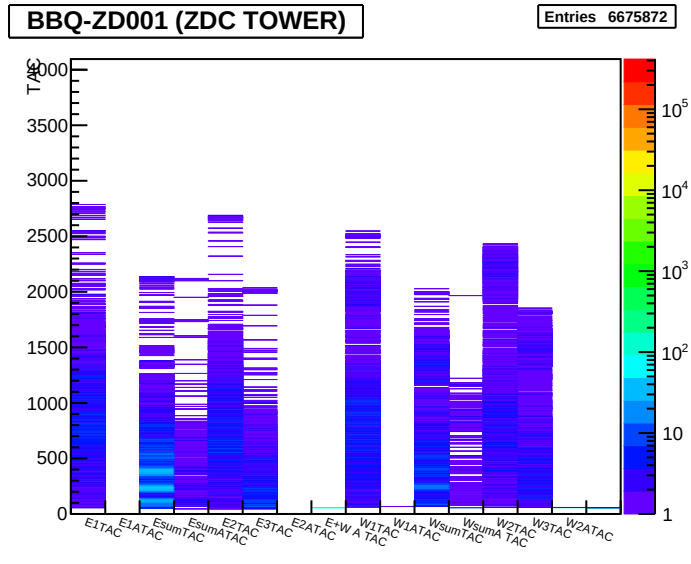

BBQ-BB001 (BBC east small tiles ADC)
Entries 6675872
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

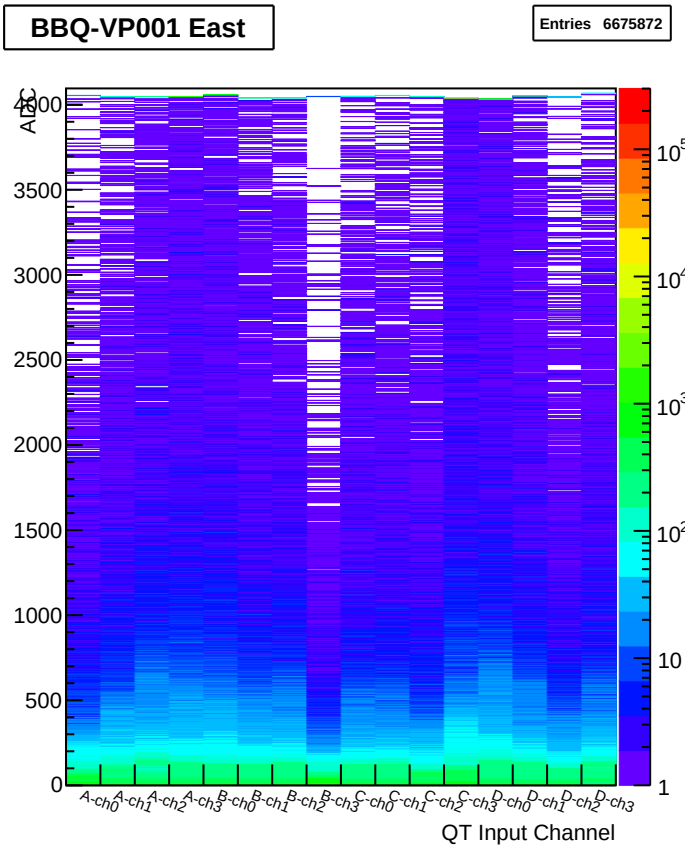

BBQ-BB001 (BBC east small tiles TAC)
Entries 6675872
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

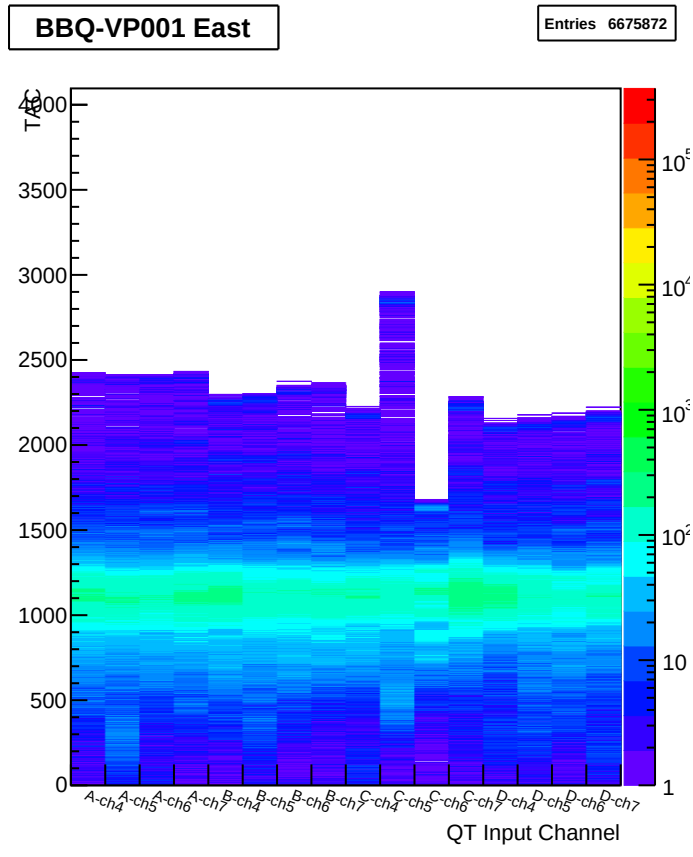

BBQ-BB002 (BBC west small tiles ADC)
Entries 6675872
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

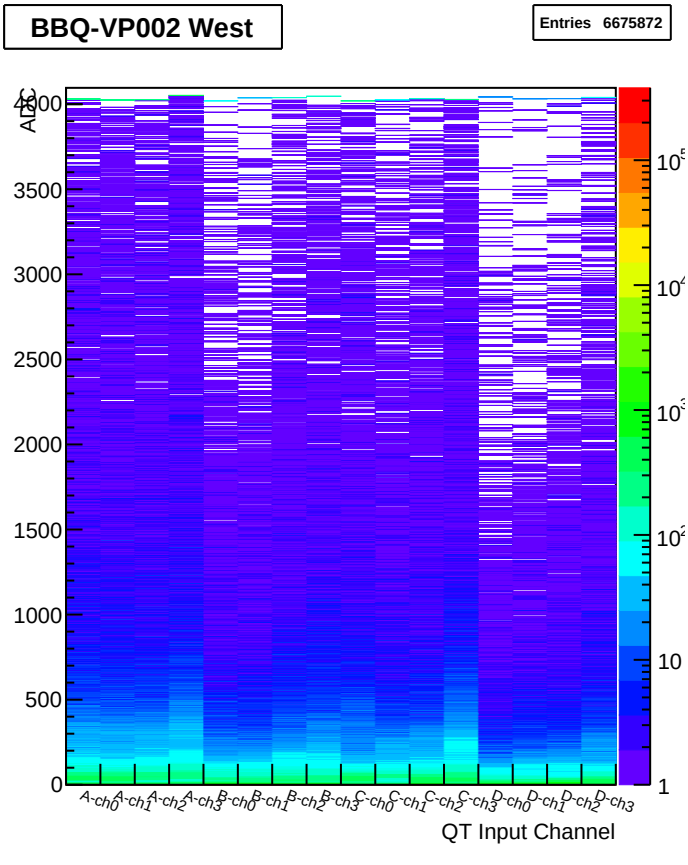

BBQ-BB002 (BBC west small tiles TAC)
Entries 6675872
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

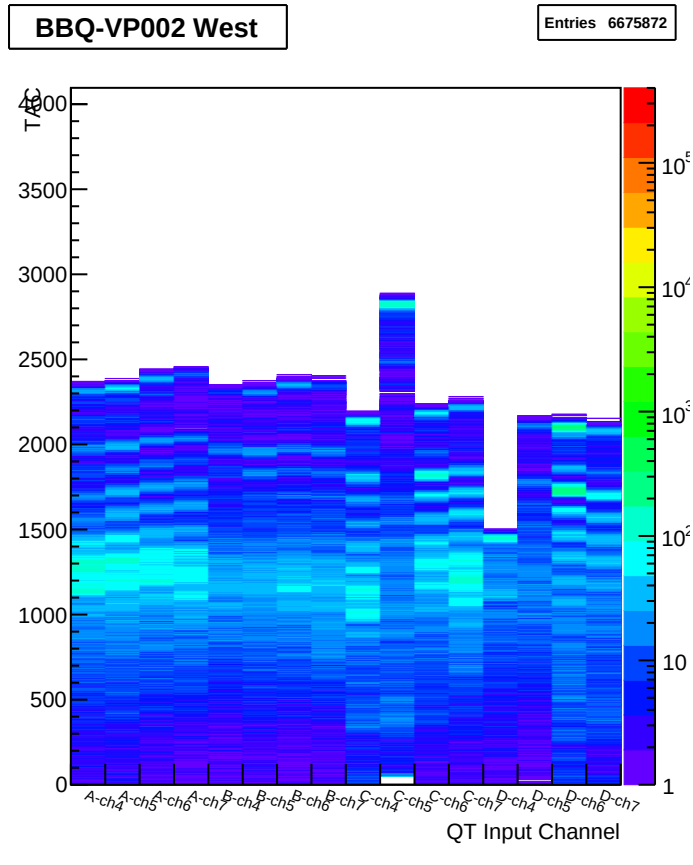

BBQ-ZD001 (ZDC TOWER)
Entries 6675872
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

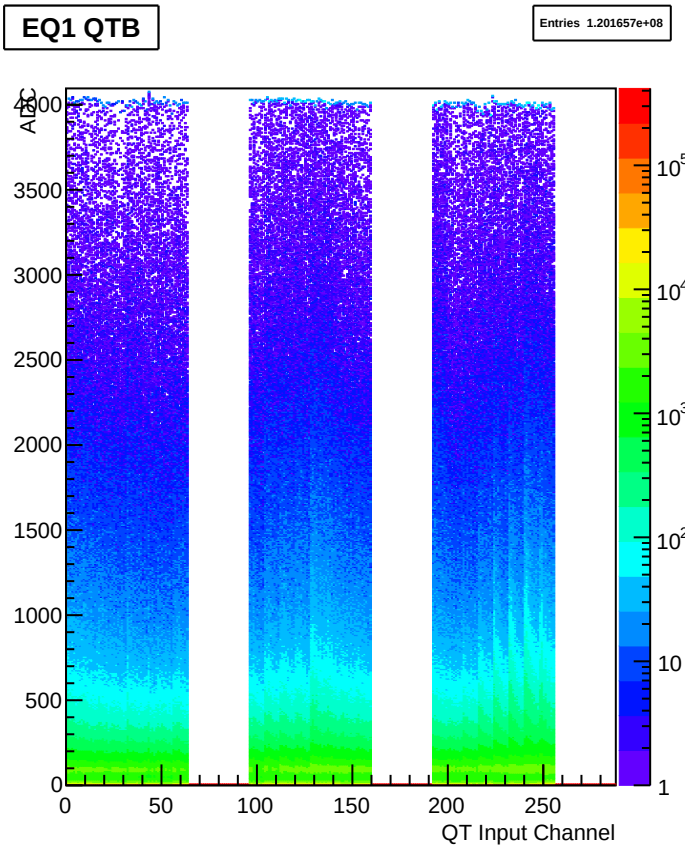

BBQ-ZD001 (ZDC TOWER)
Entries 6675872
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

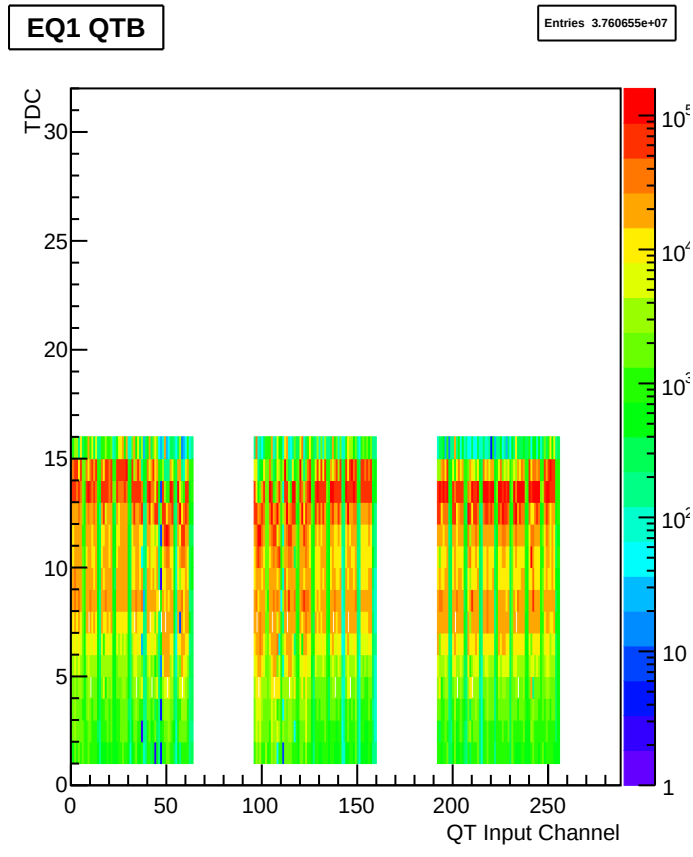

BBQ-VP001 East
Entries 6675872
ADC
QT Input Channel

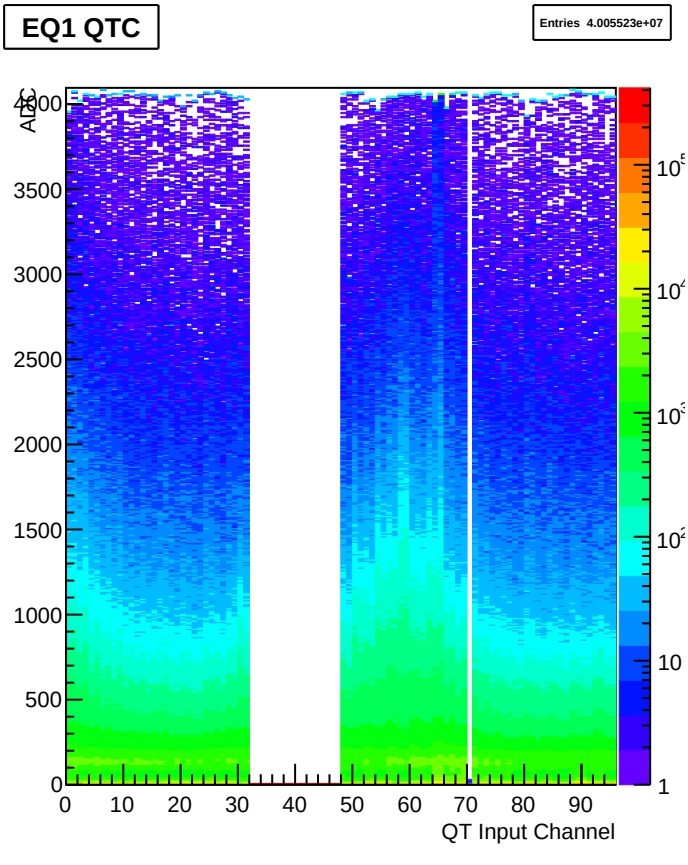

BBQ-VP001 East
Entries 6675872
TADC
QT Input Channel

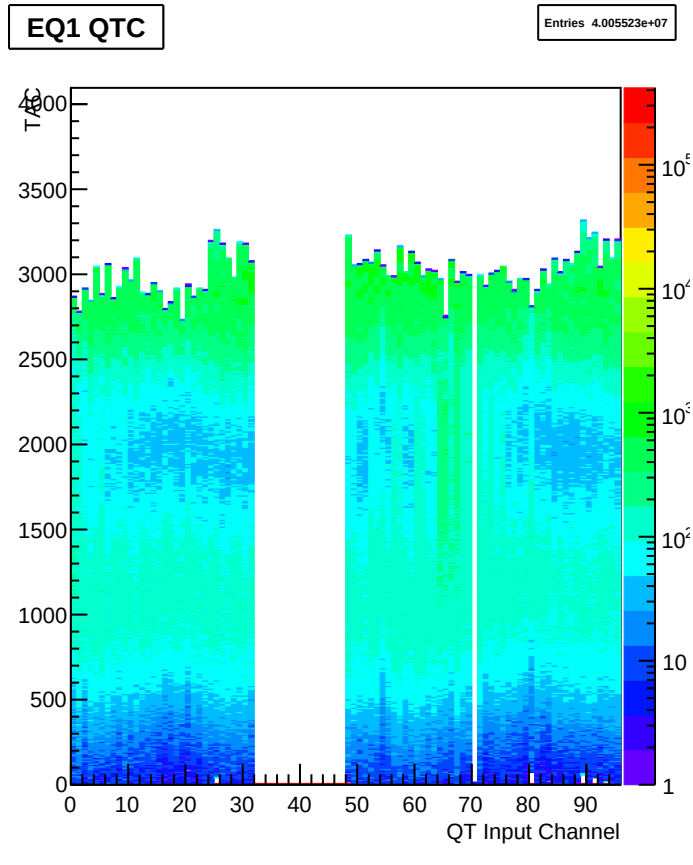

BBQ-VP002 West
Entries 6675872
ADC
QT Input Channel

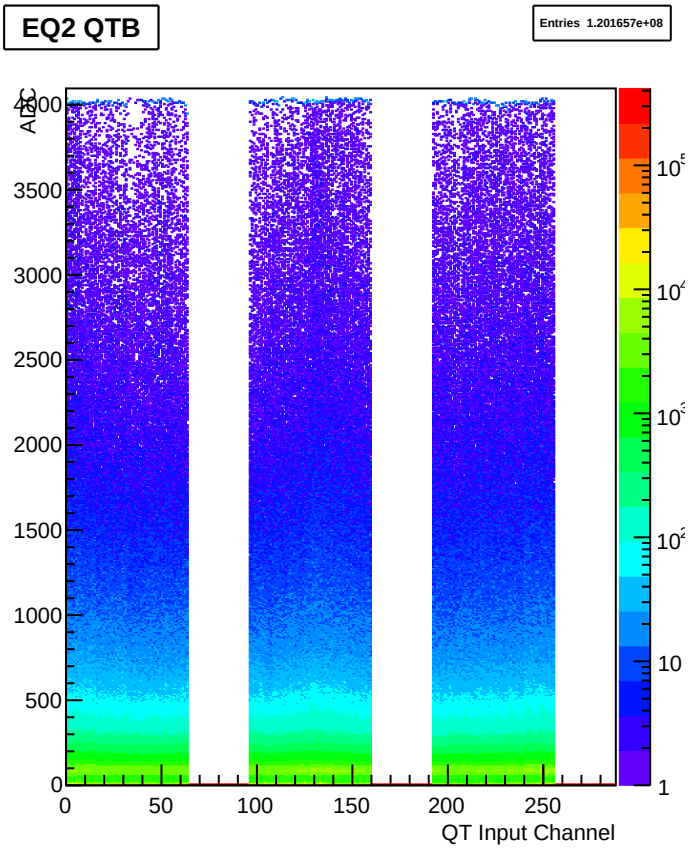

BBQ-VP002 West
Entries 6675872
TADC
QT Input Channel

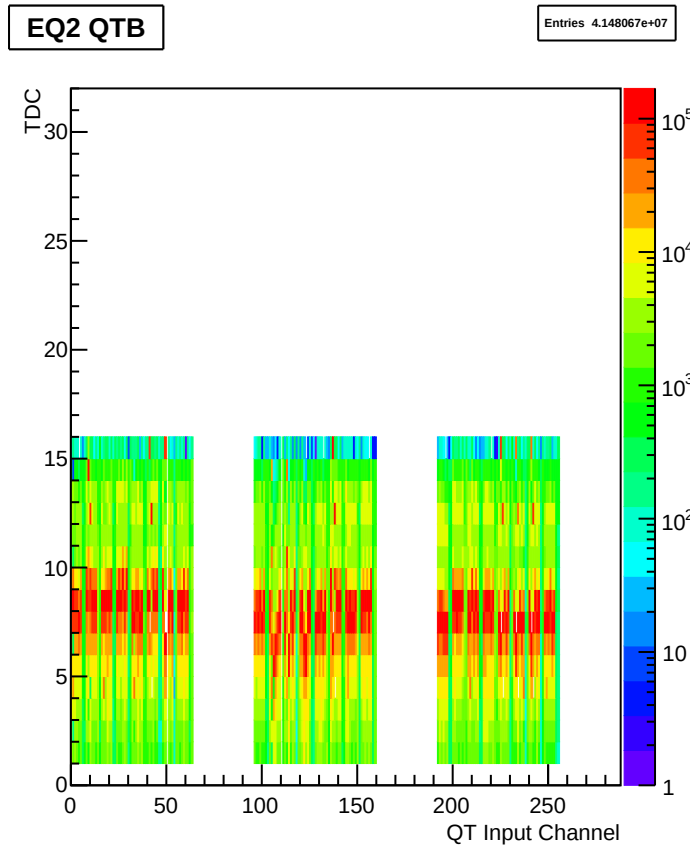

EQ1 QTB
Entries 1.201657e+08
ADC
QT Input Channel

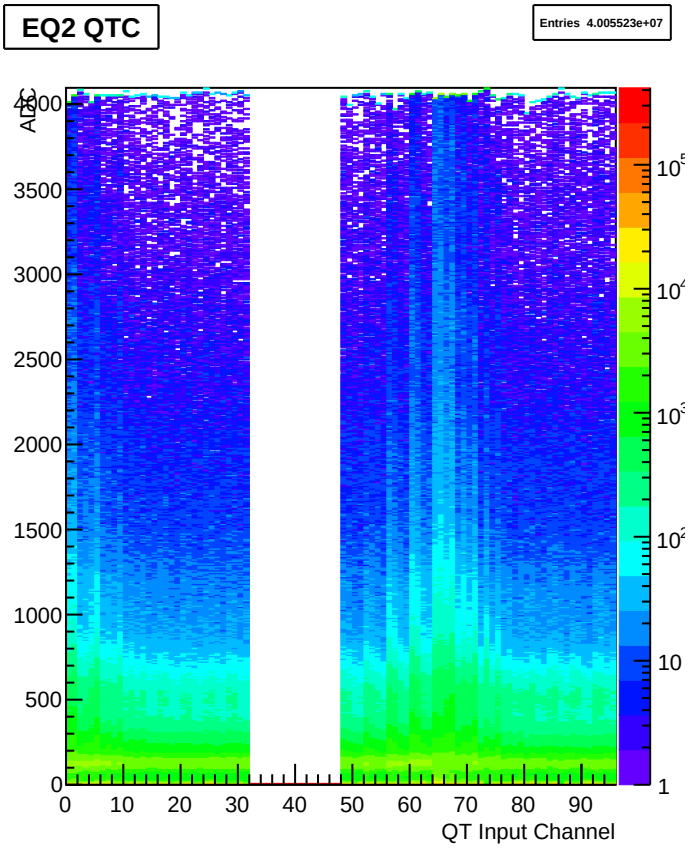

EQ1 QTB
Entries 3.760655e+07
TDC
QT Input Channel

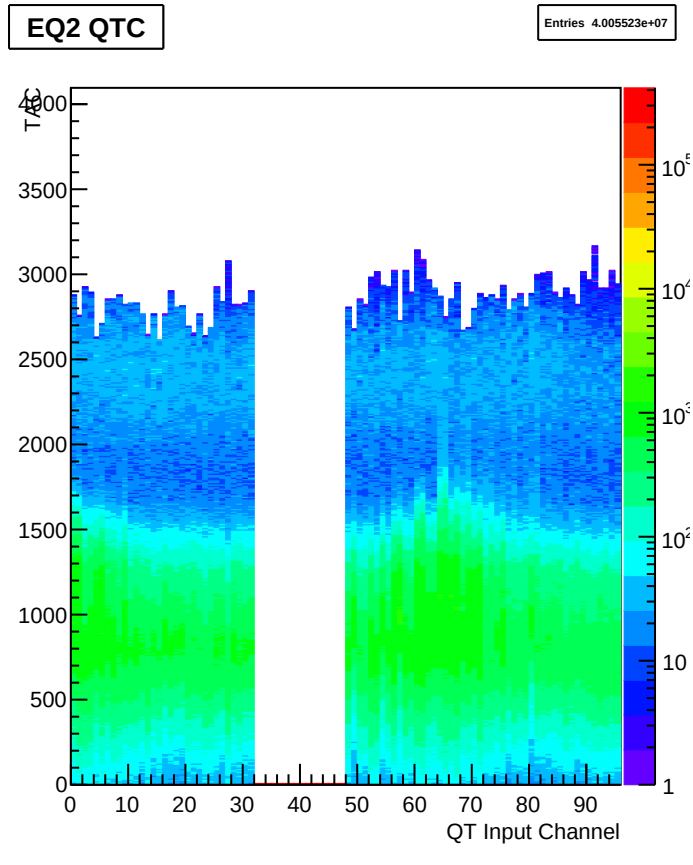

EQ1 QTC
Entries 4.005523e+07
ADC
QT Input Channel

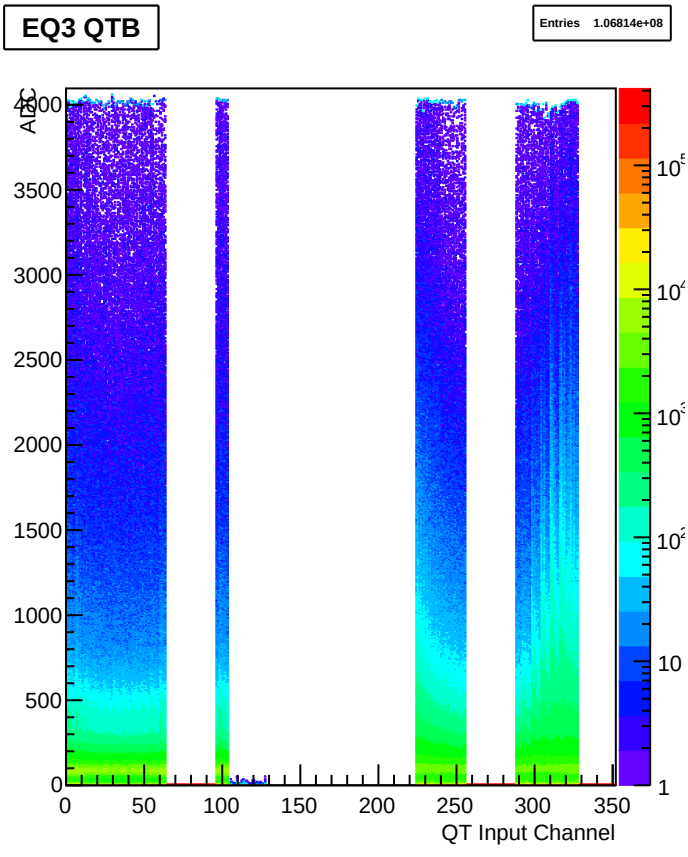

EQ1 QTC
Entries 4.005523e+07
TADC
QT Input Channel

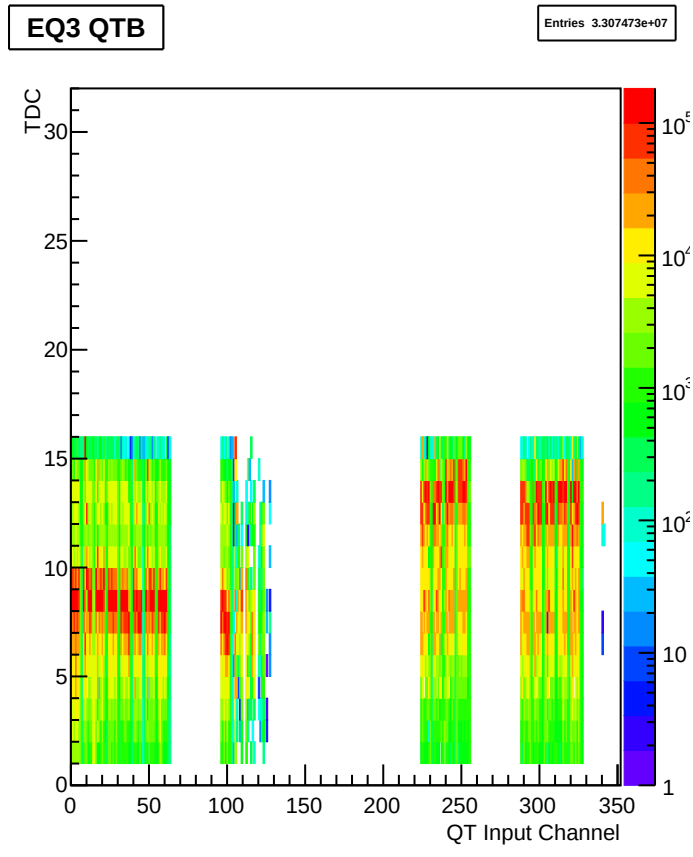

EQ2 QTB
Entries 1.201657e+08
ADC
QT Input Channel

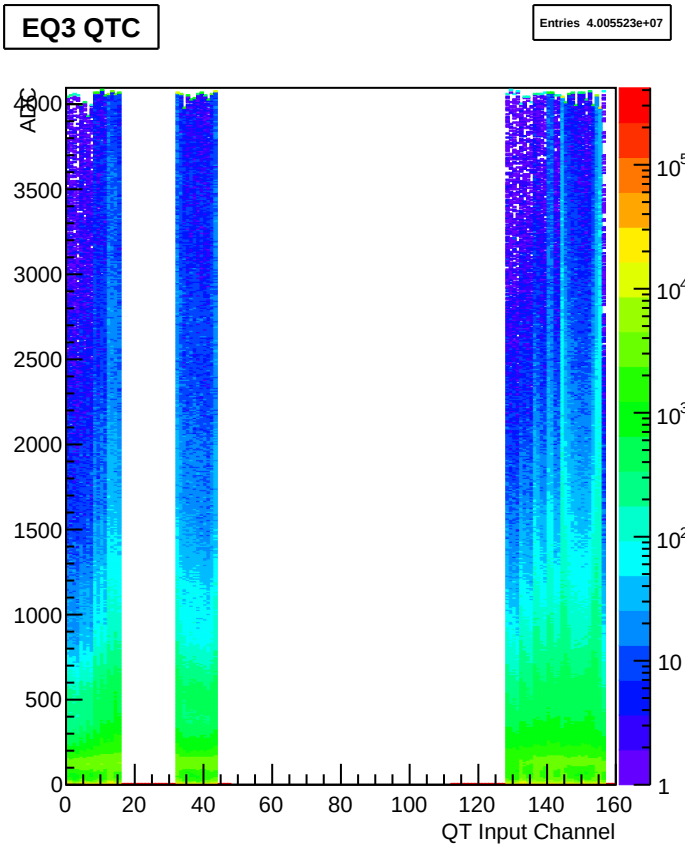

EQ2 QTB
Entries 4.148067e+07
TDC
QT Input Channel

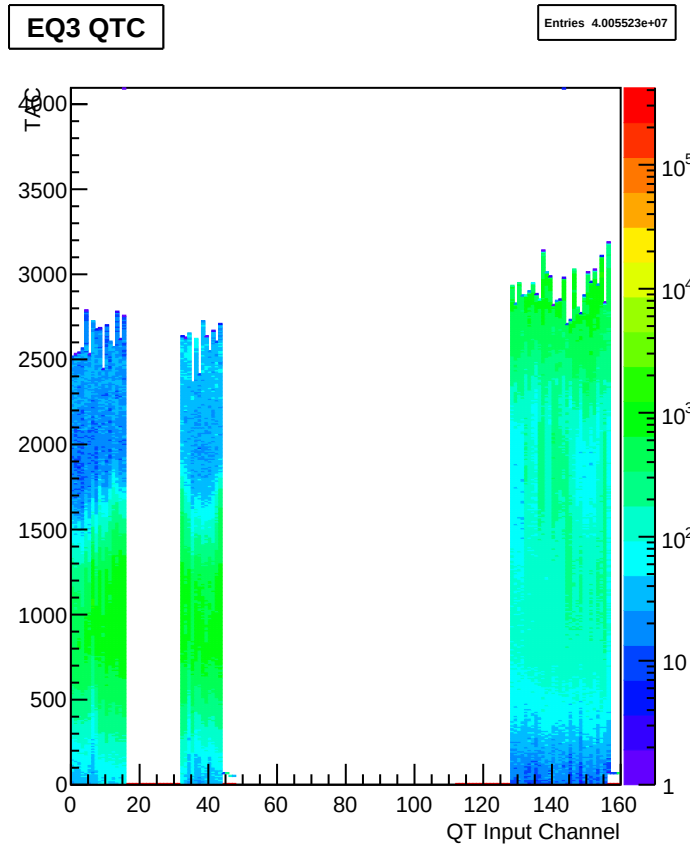

EQ2 QTC
Entries 4.005523e+07
ADC
QT Input Channel

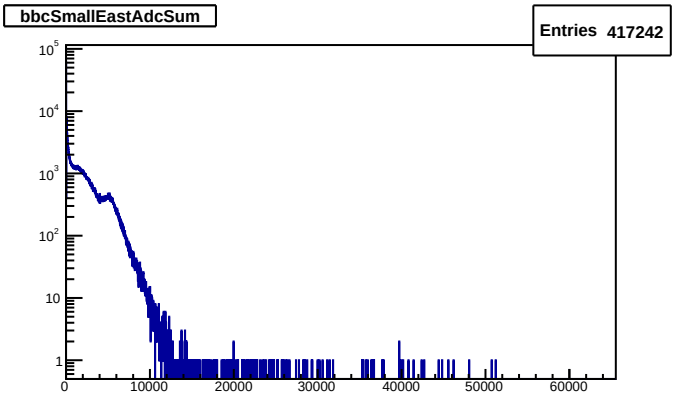

EQ2 QTC
Entries 4.005523e+07
TADC
QT Input Channel

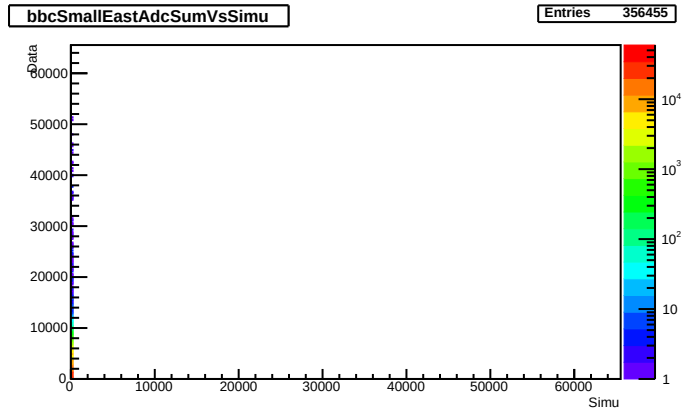

EQ3 QTB
Entries 1.06814e+08
ADC
QT Input Channel

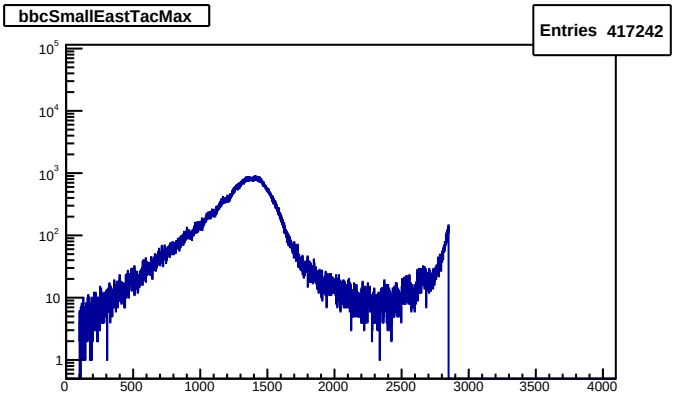

EQ3 QTB
Entries 3.307473e+07
TDC
QT Input Channel

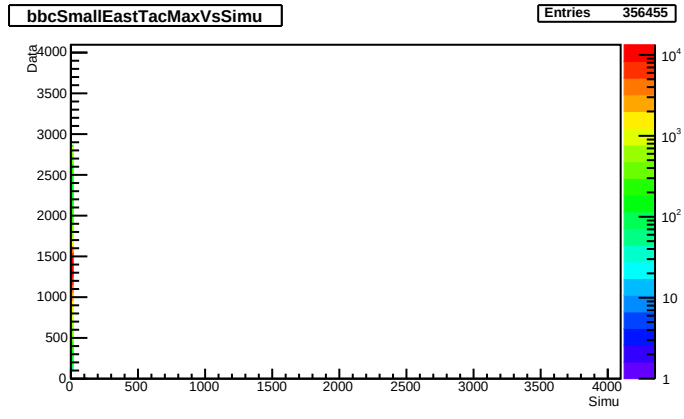

EQ3 QTC
Entries 4.005523e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.005523e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 417242


bbcSmallEastAdcSumVsSimu
Entries 356455
Data
Simu


bbcSmallEastTacMax
Entries 417242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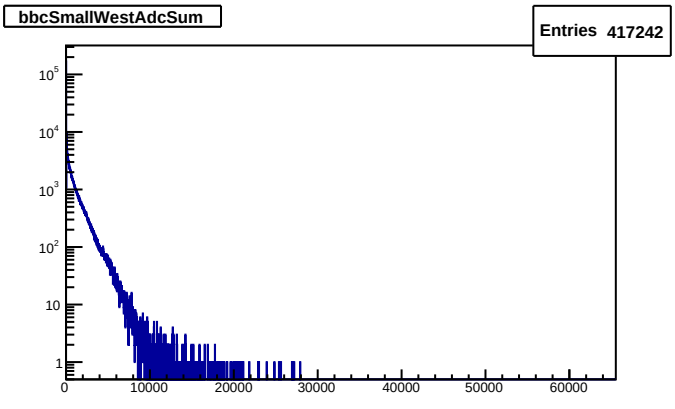
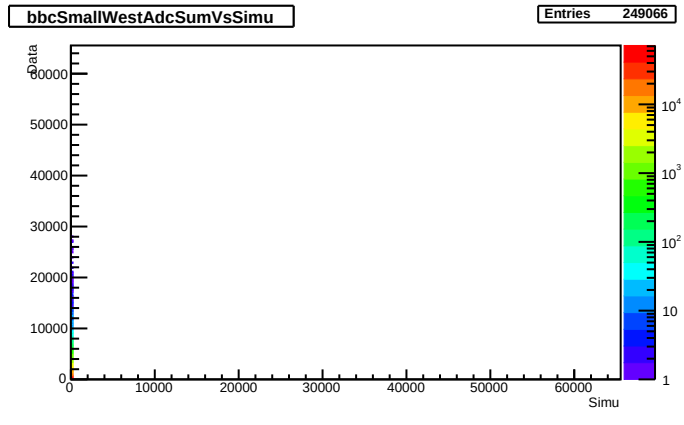
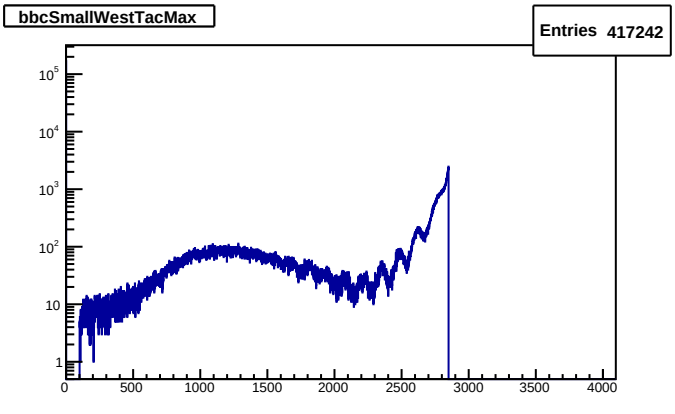
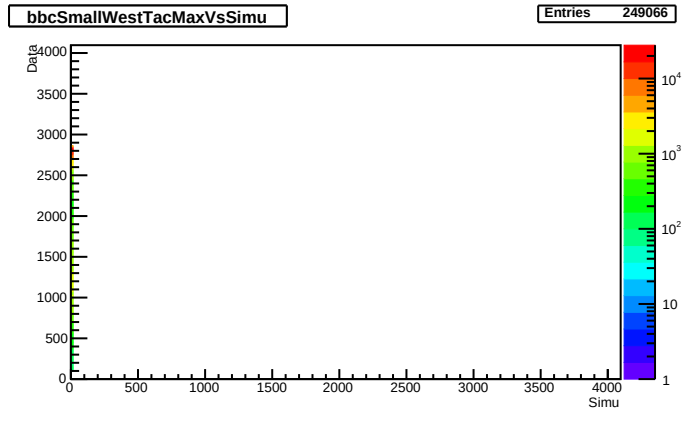
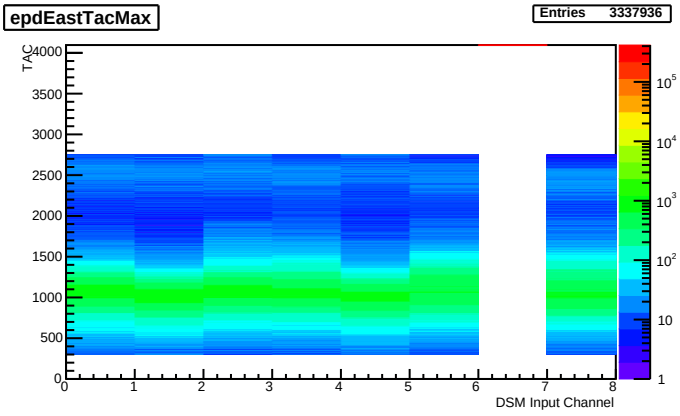
Entries 356455
Data
Simu

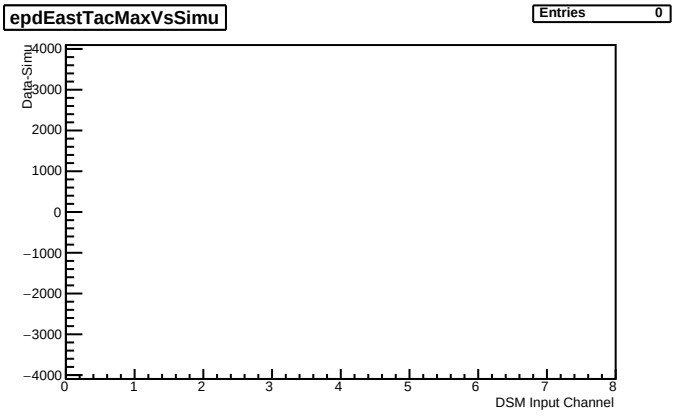

bbcSmallWestAdcSum
Entries 417242


bbcSmallWestAdcSumVsSimu
Entries 249066
Data
Simu


bbcSmallWestTacMax
Entries 417242


bbcSmallWestTacMaxVsSimu
Entries 249066
Data
Simu


epdEastTacMax
Entries 3337936
TAC
DSM Input Channel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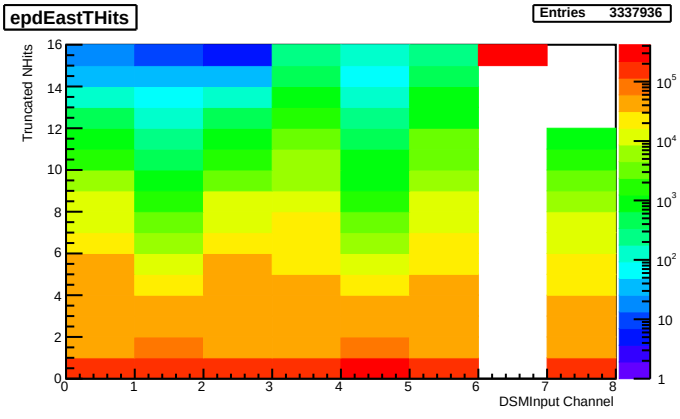
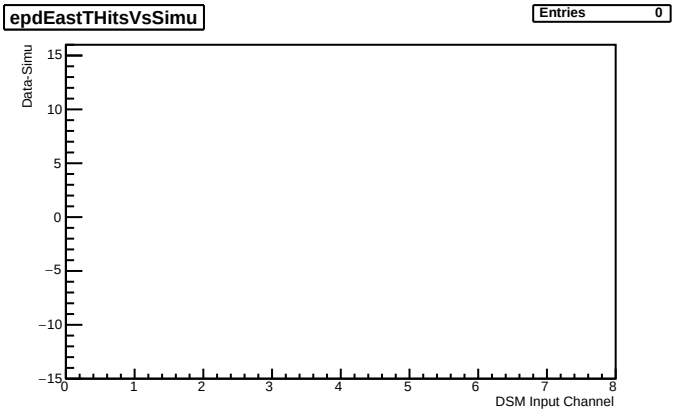
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3337936
Truncated NHits
DSMInput Channel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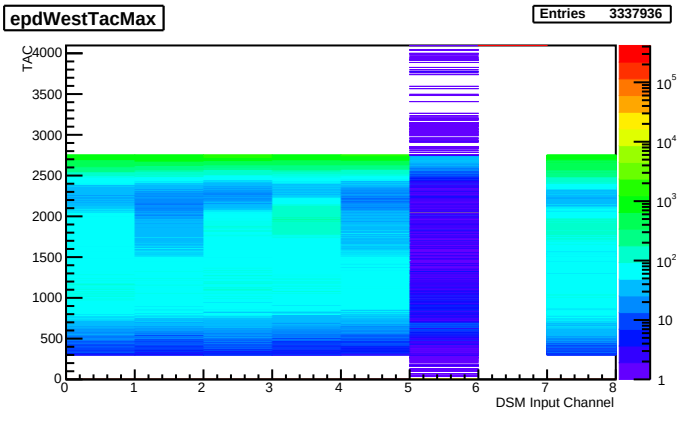
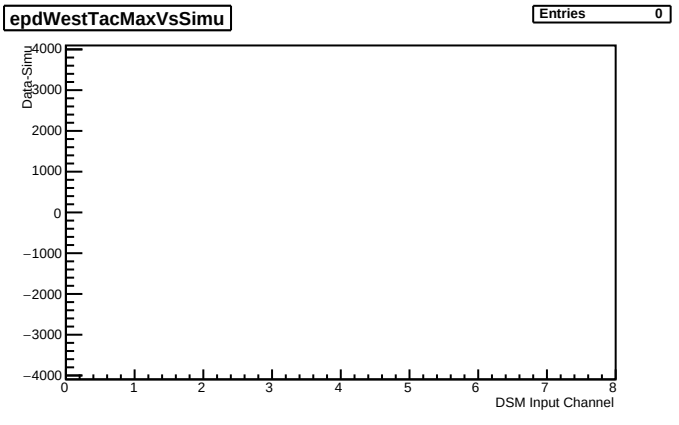
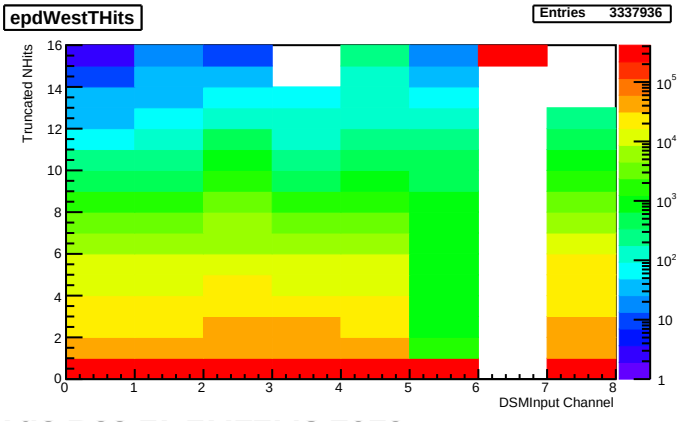
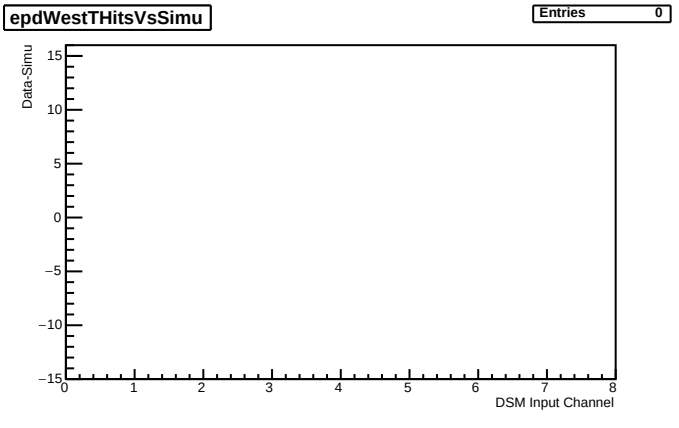
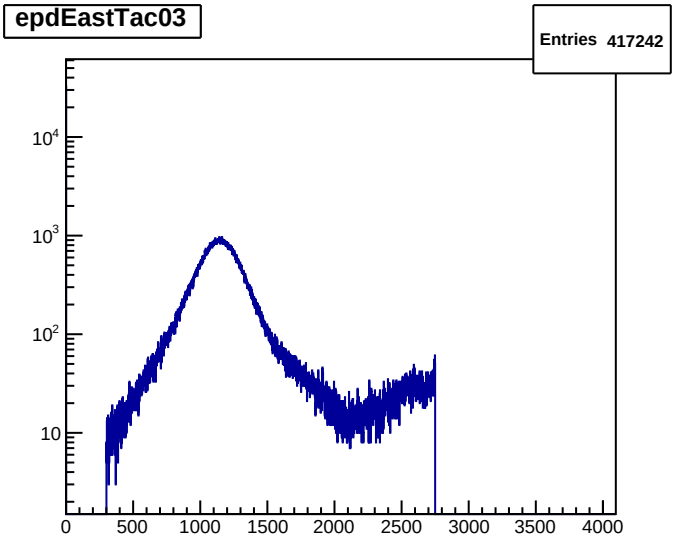
Entries 0
Data-Simu
DSM Input Channel

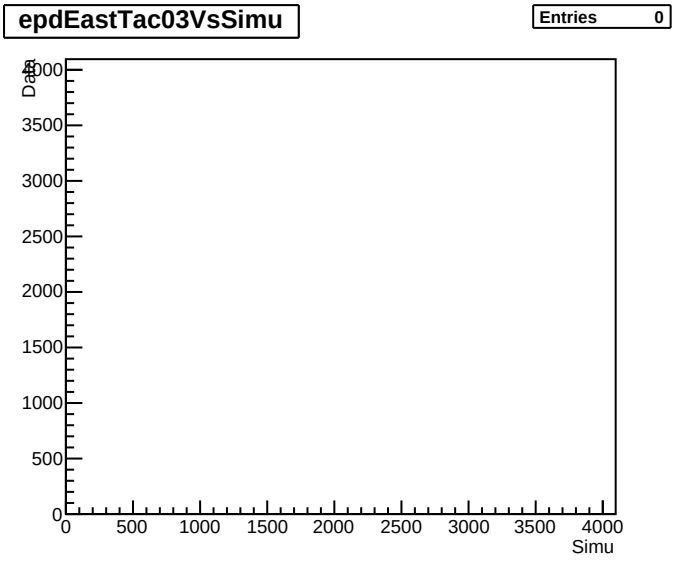

epdWestTacMax
Entries 3337936
TAC
DSM Input Channel


epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3337936
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 417242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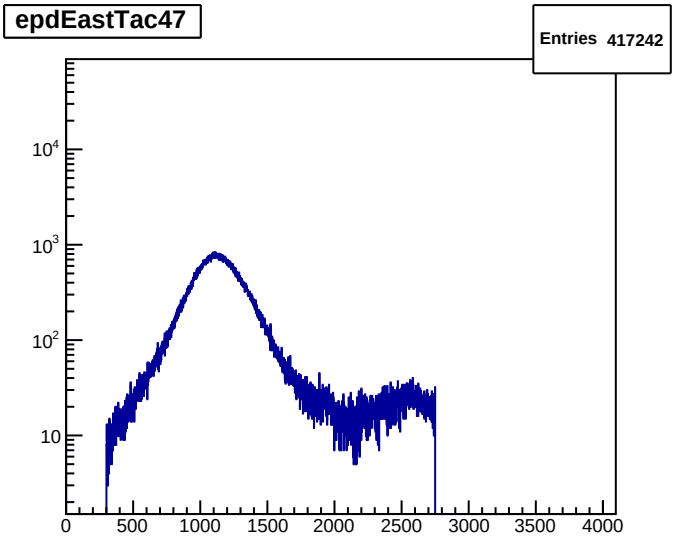
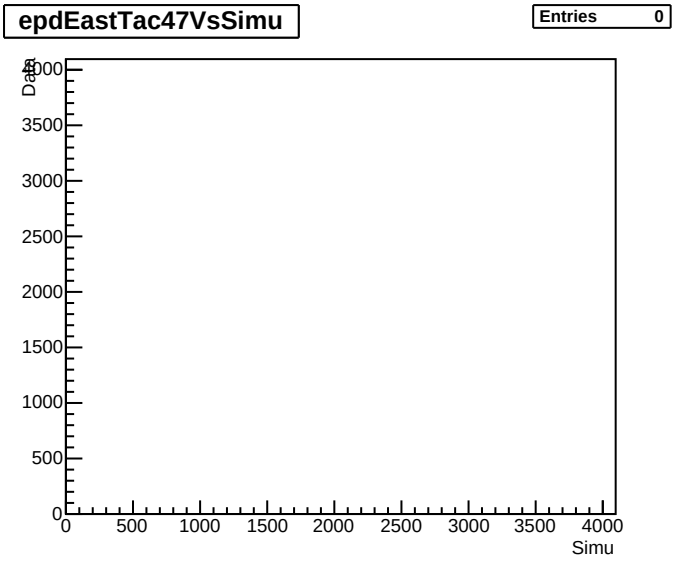
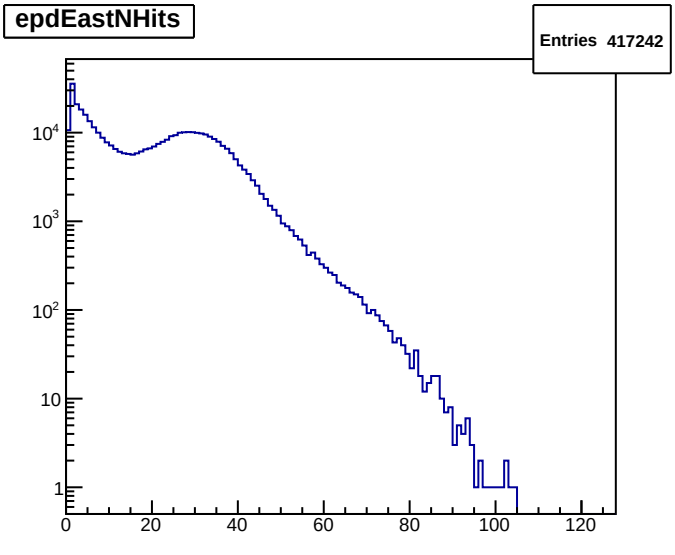
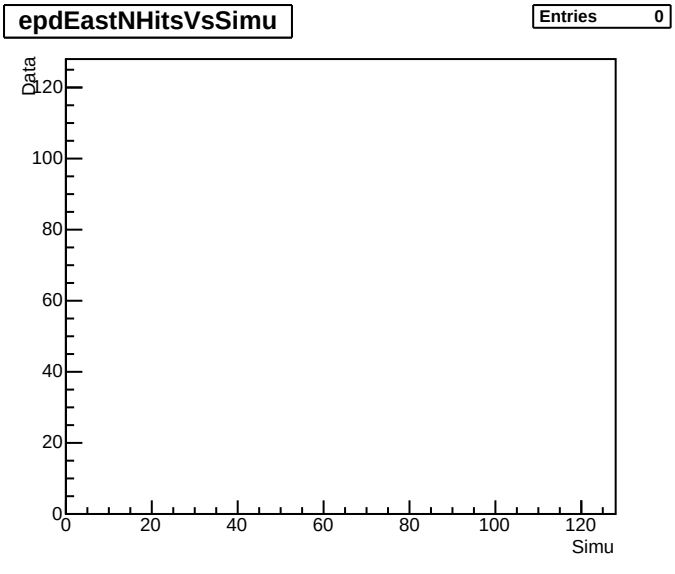
Entries 0
Data
Simu


epdEastTac47
Entries 417242


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 417242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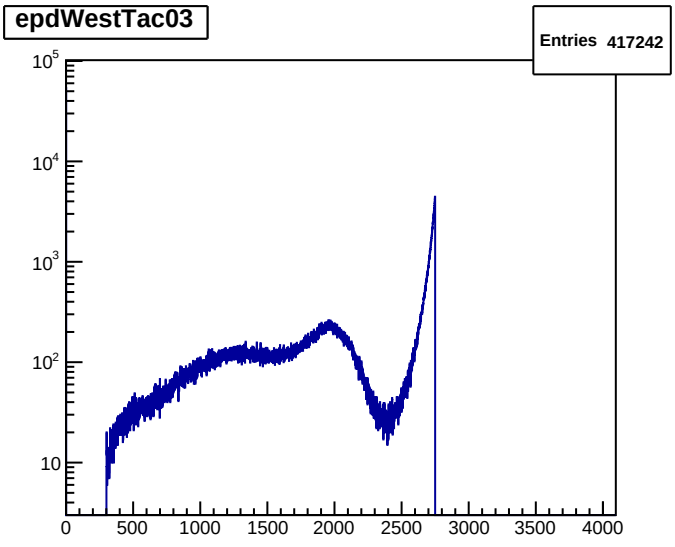
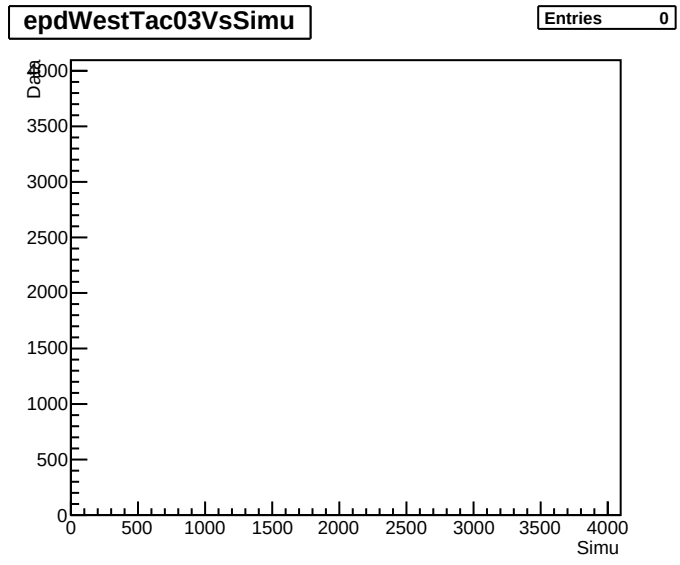
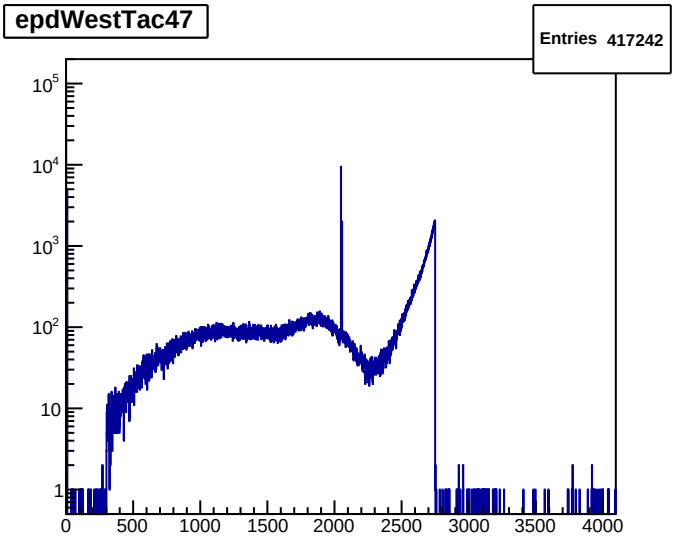
Entries 0
Data
Simu


epdWestTac03
Entries 417242


epdWestTac03VsSimu
Entries 0
Data
Simu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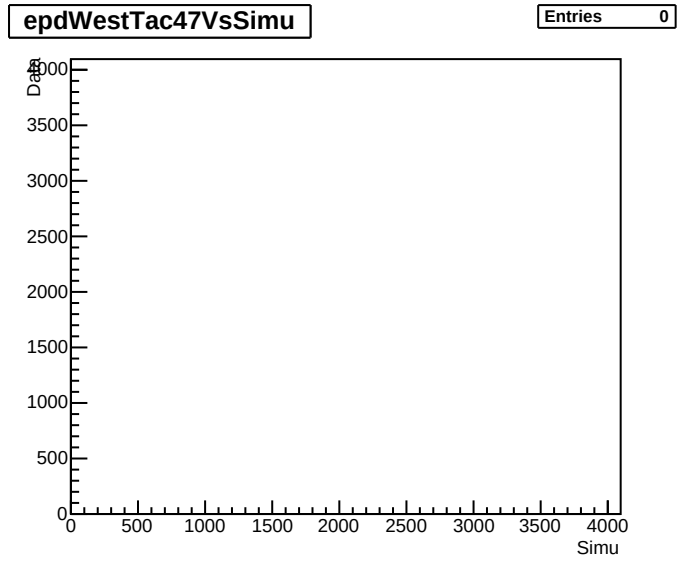
Entries 417242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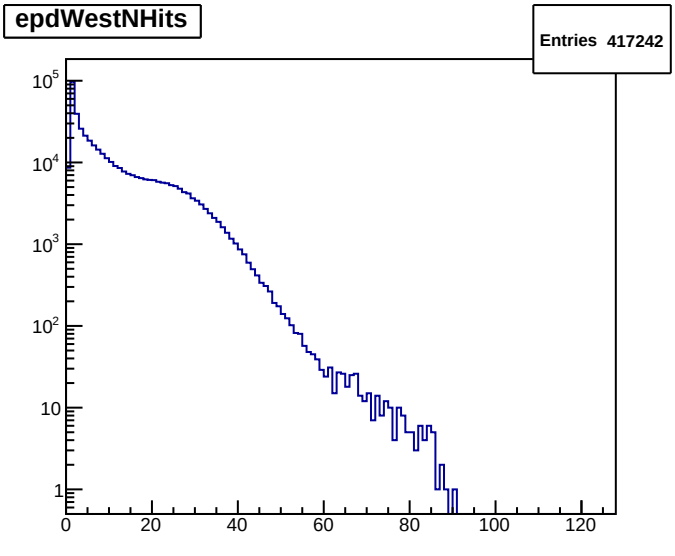
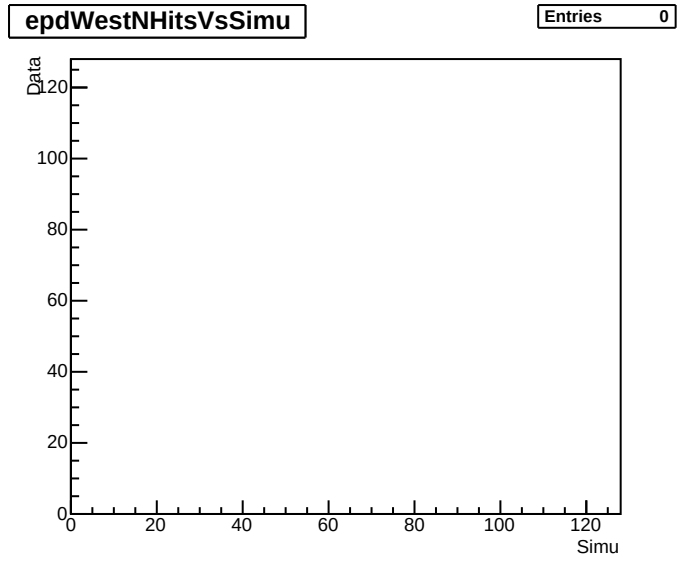
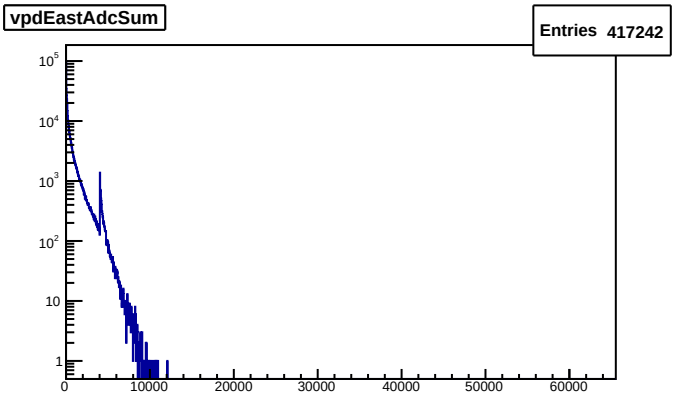
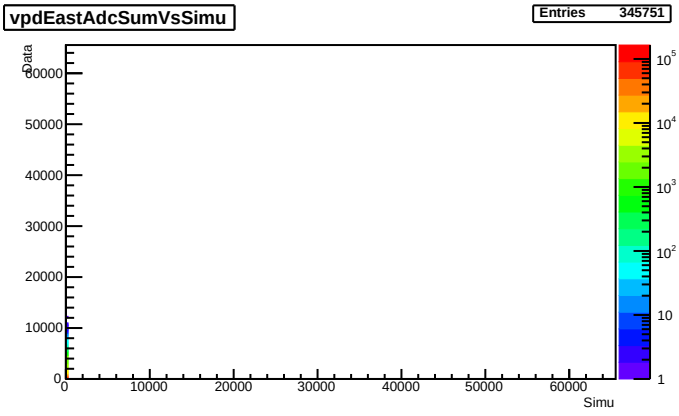
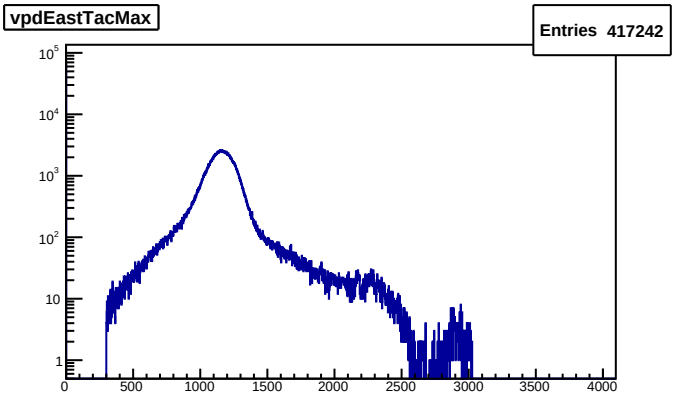
Entries 0
Data
Simu

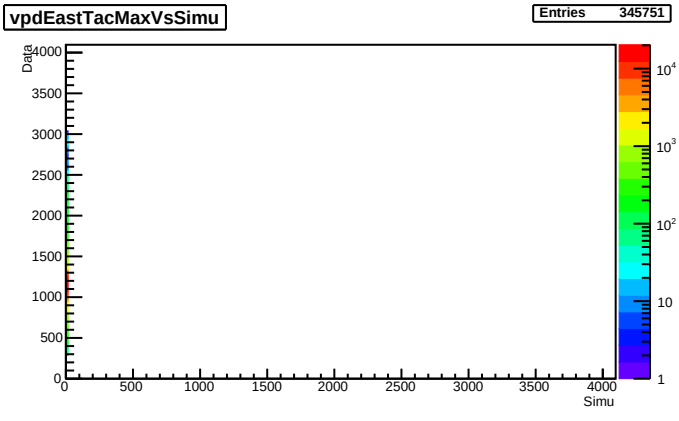

epdWestNHits
Entries 417242

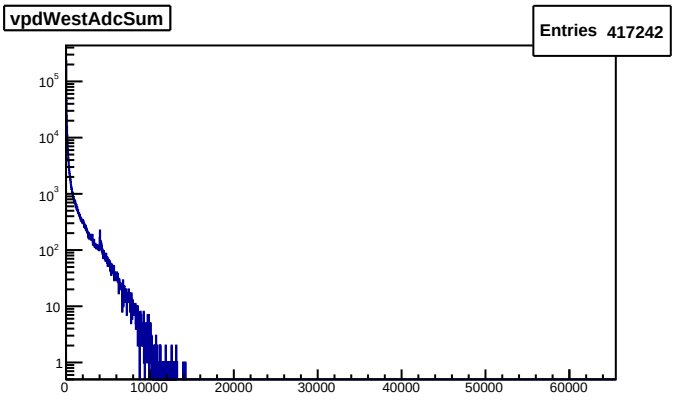

epdWestNHitsVsSimu
Entries 0
Data
Simu

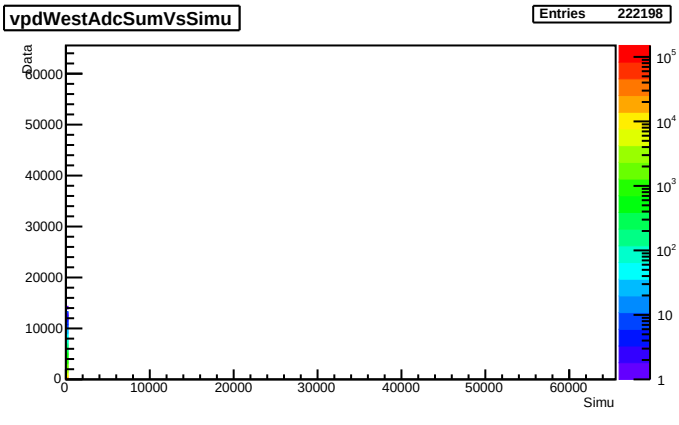

vpdEastAdcSum
Entries 417242

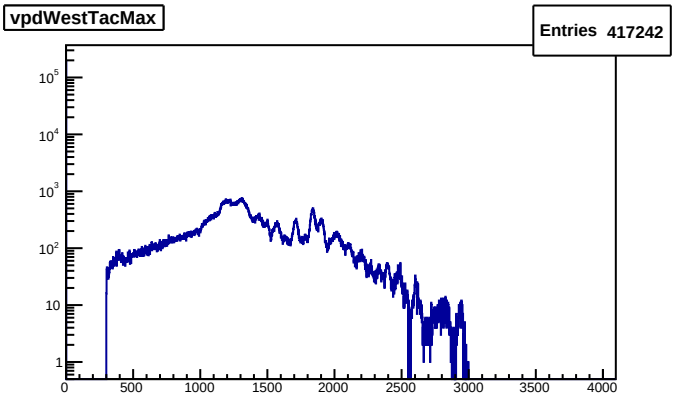

vpdEastAdcSumVsSimu
Entries 345751
Data
Simu

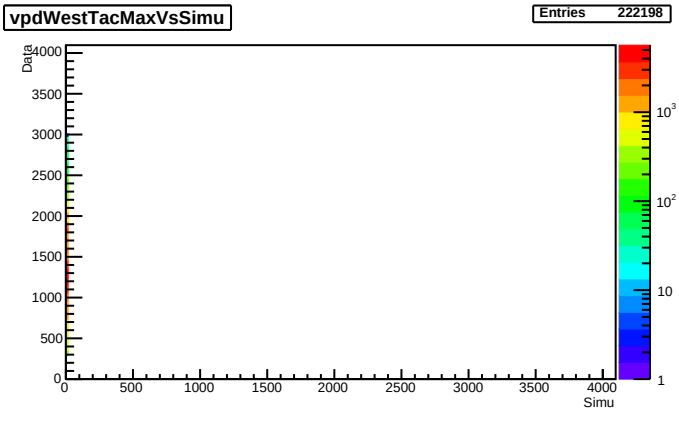

vpdEastTacMax
Entries 417242

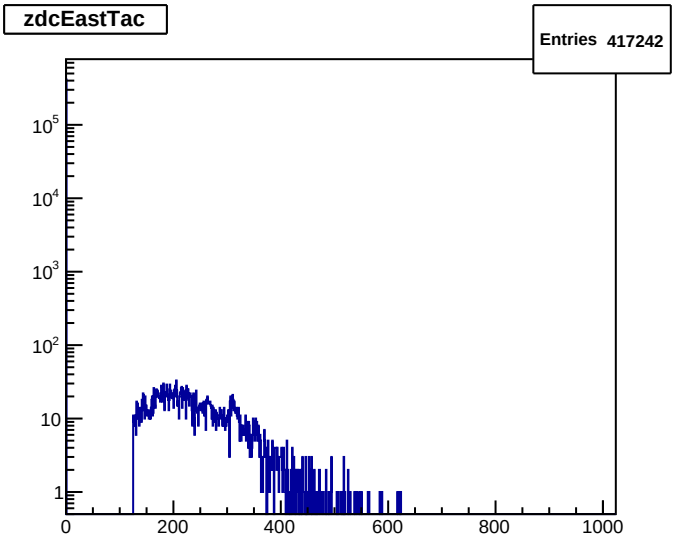

vpdEastTacMaxVsSimu
Entries 345751
Data
Simu

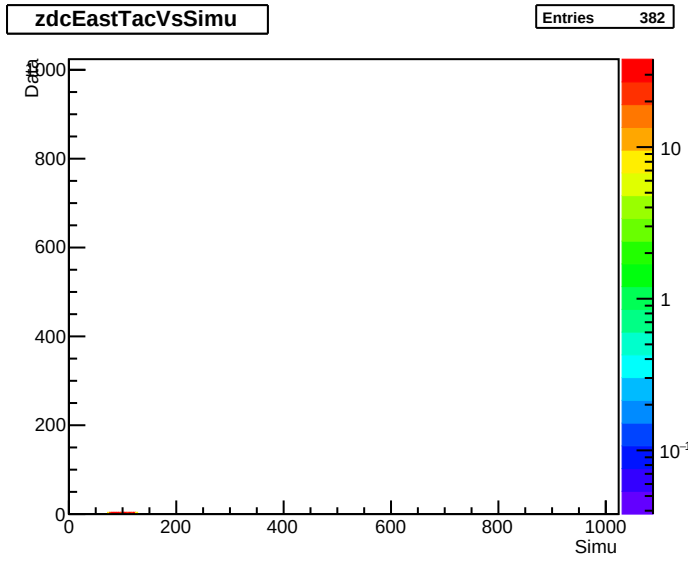

vpdWestAdcSum
Entries 417242

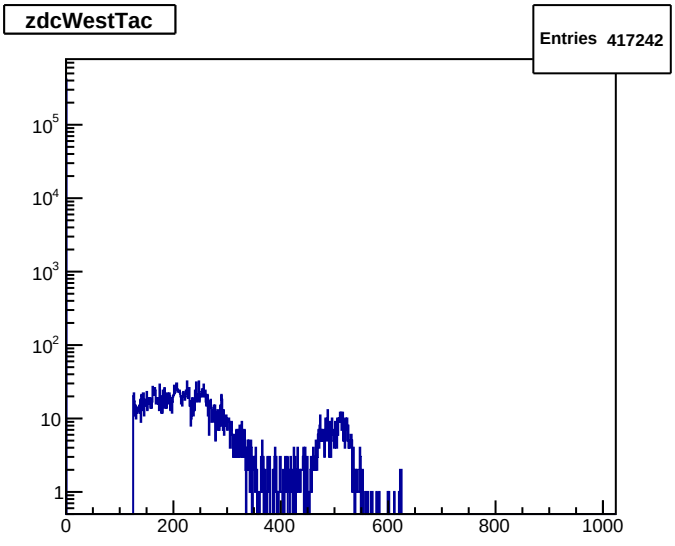

vpdWestAdcSumVsSimu
Entries 222198
Data
Simu

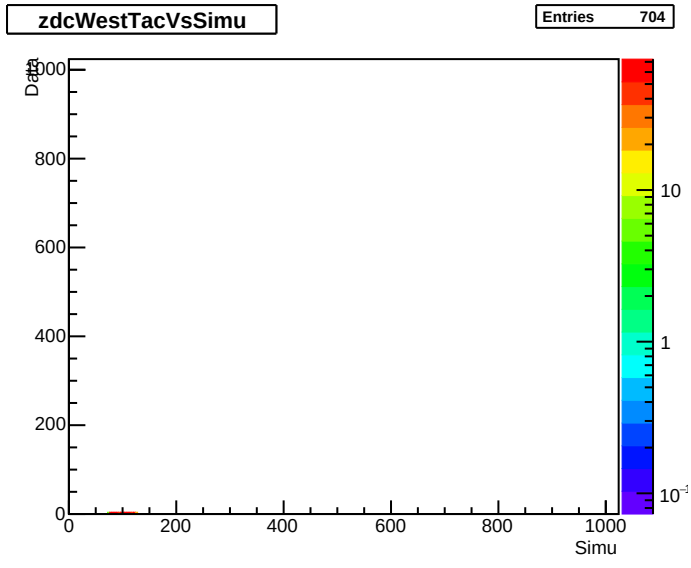

vpdWestTacMax
Entries 417242

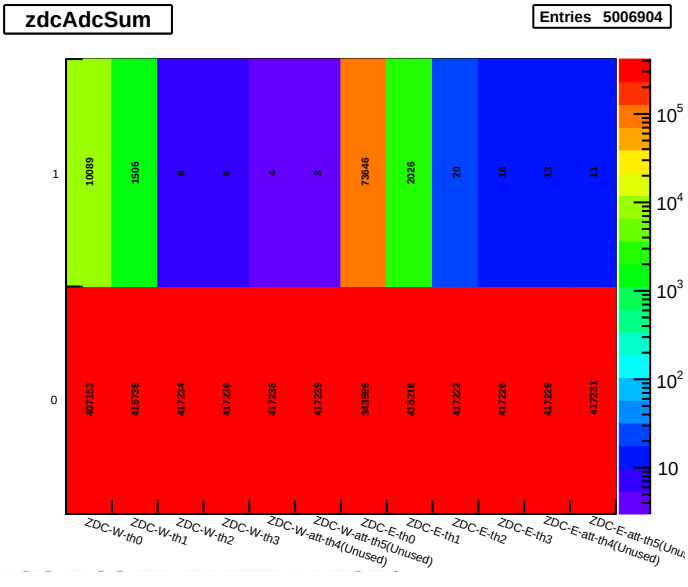

vpdWestTacMaxVsSimu
Entries 222198
Data
Simu

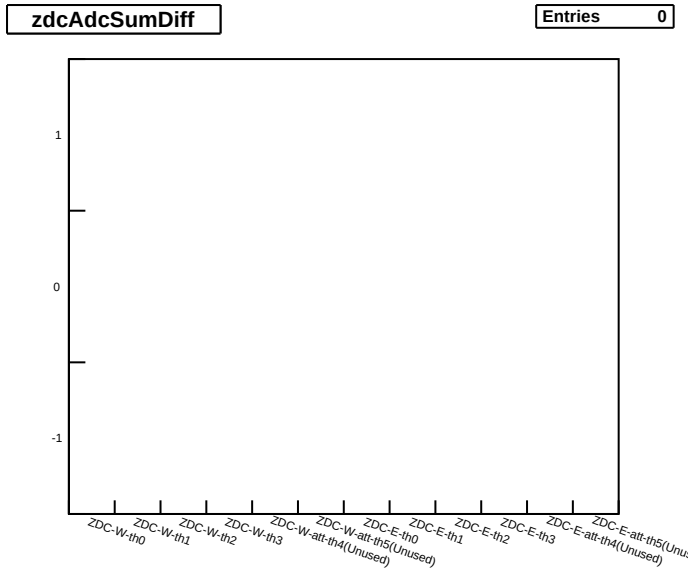

zdcEastTac
Entries 417242

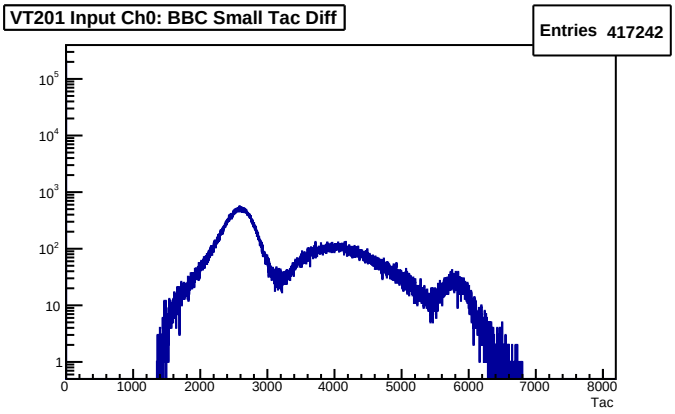

zdcEastTacVsSimu
Entries 382
Data
Simu

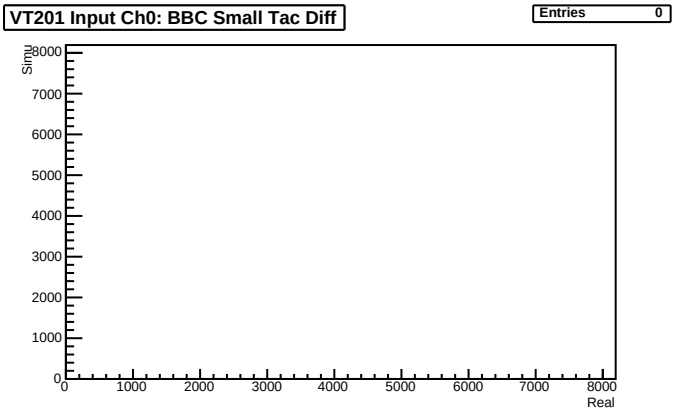

zdcWestTac
Entries 417242

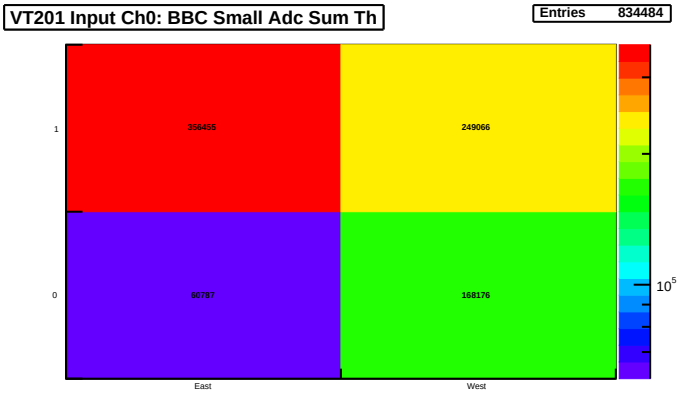

zdcWestTacVsSimu
Entries 704
Data
Simu

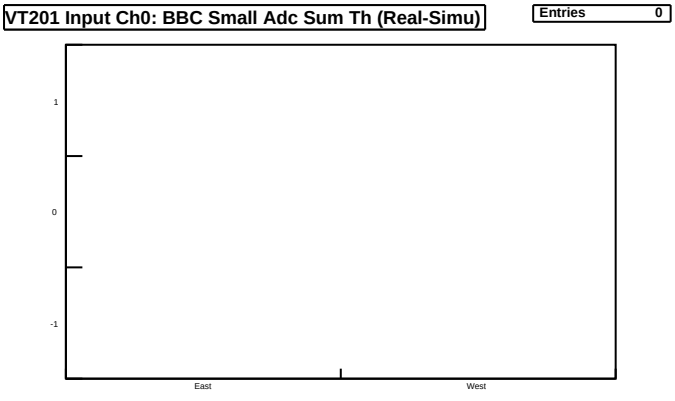

zdcAdcSum
Entries 5006904
10089
1506
8
6
4
3
73646
2026
20
16
13
11
407153
415736
417234
417236
417238
417239
343596
415216
417222
417226
417229
417231
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

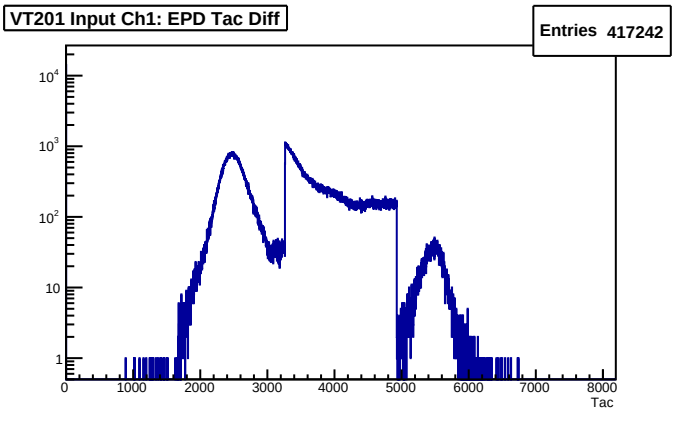

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

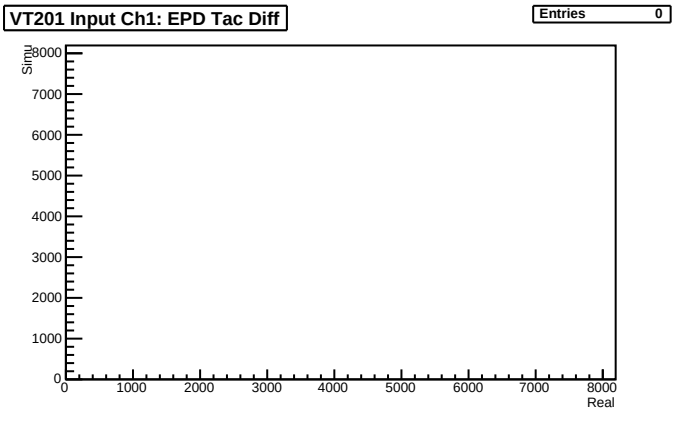

VT201 Input Ch0: BBC Small Tac Diff
Entries 417242
Tac

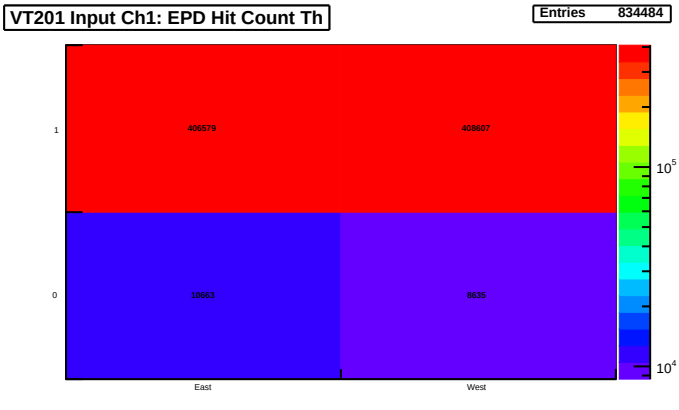

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

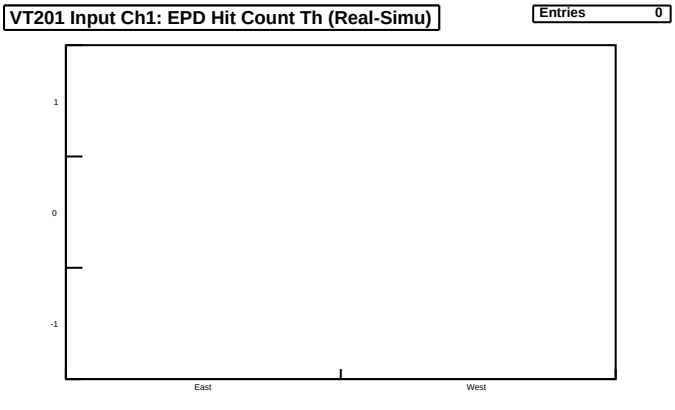

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 834484
356455
249066
60787
168176
East
West

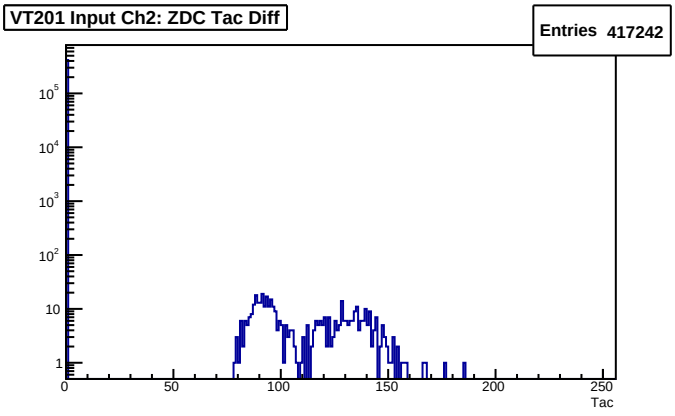

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

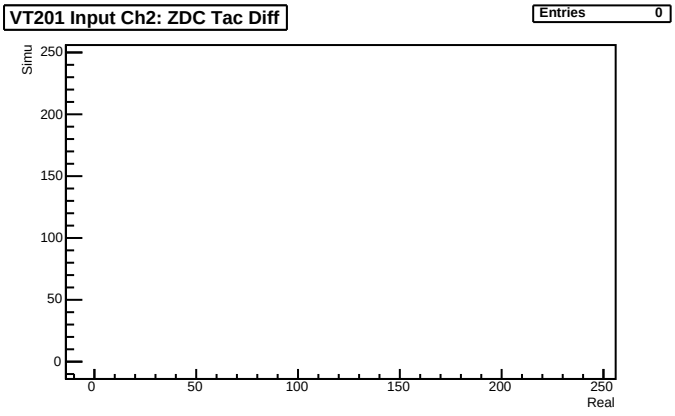

VT201 Input Ch1: EPD Tac Diff
Entries 417242
Tac

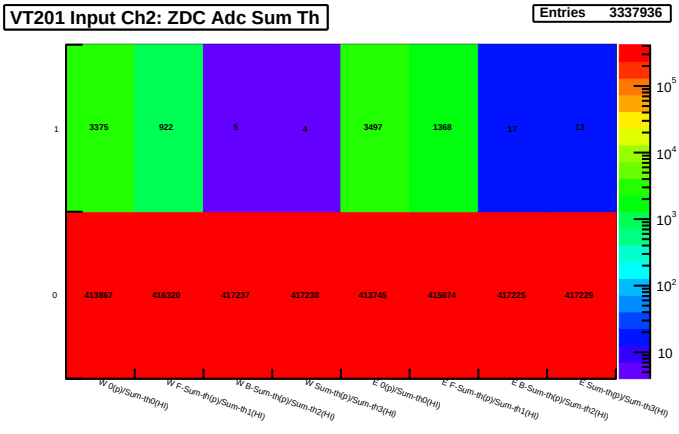

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

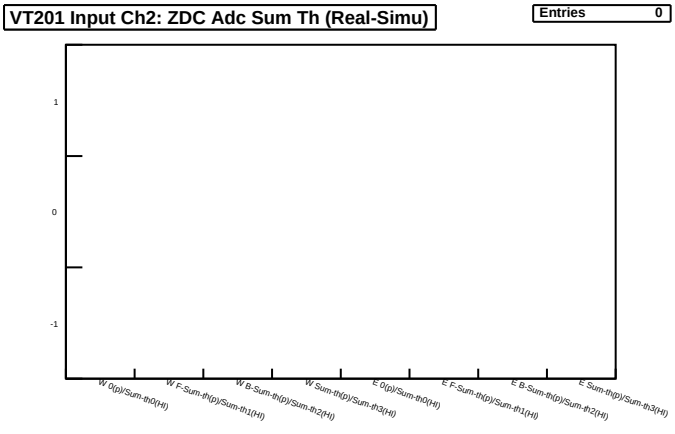

VT201 Input Ch1: EPD Hit Count Th
Entries 834484
406579
408607
10663
8635
East
West

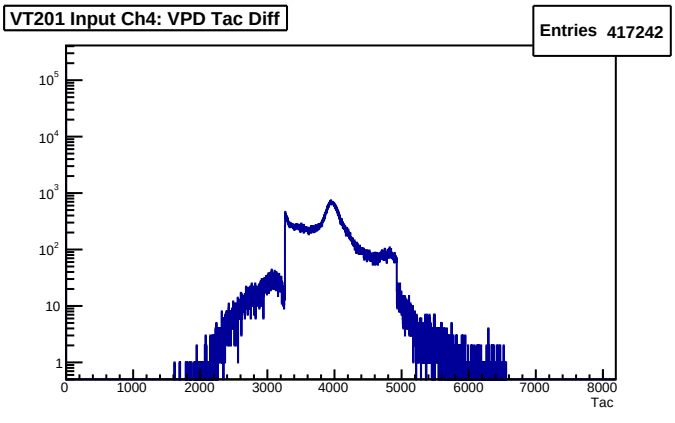

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

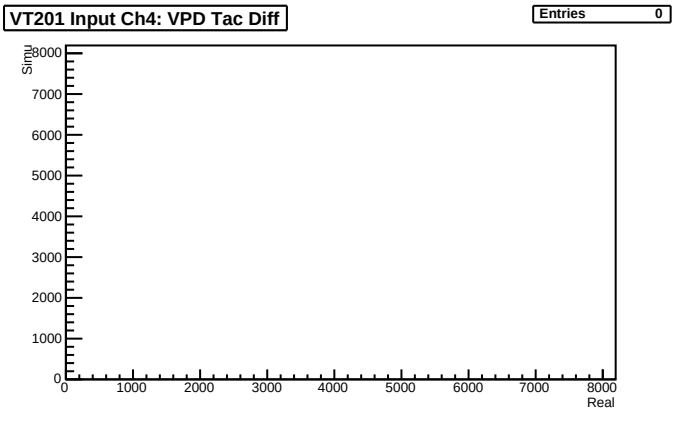

VT201 Input Ch2: ZDC Tac Diff
Entries 417242
Tac

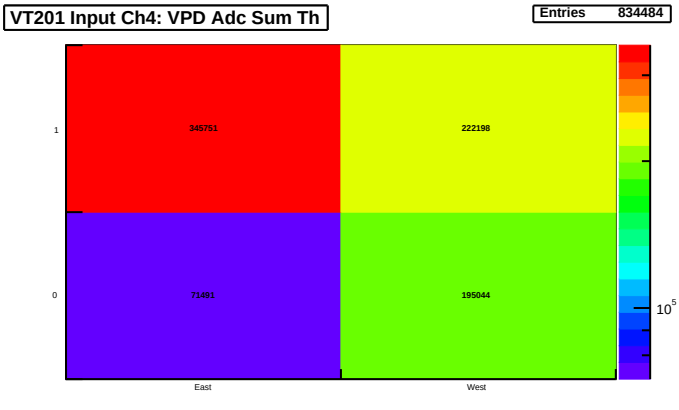

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

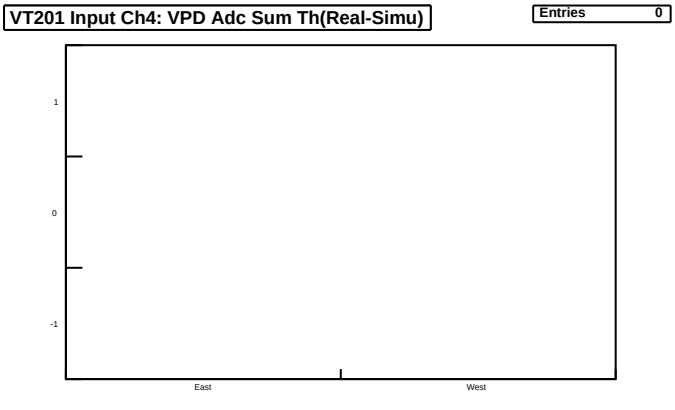

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3337936
3375
922
5
4
3497
1368
17
13
413867
416320
417237
417238
413745
415874
417225
417229
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

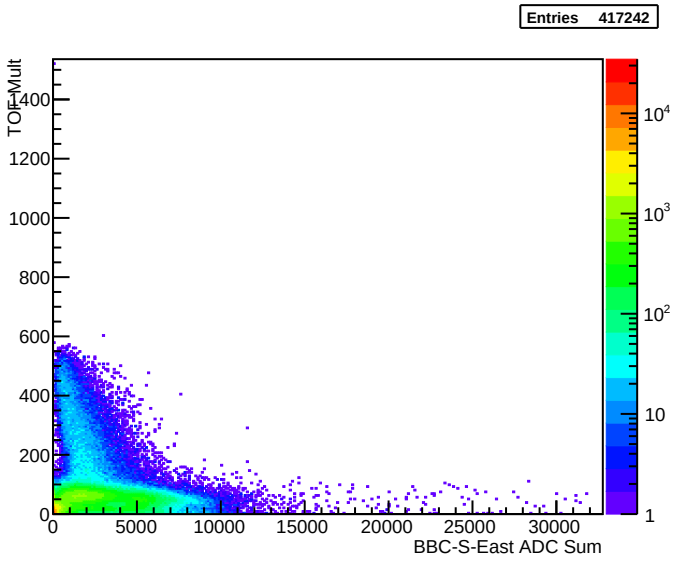

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

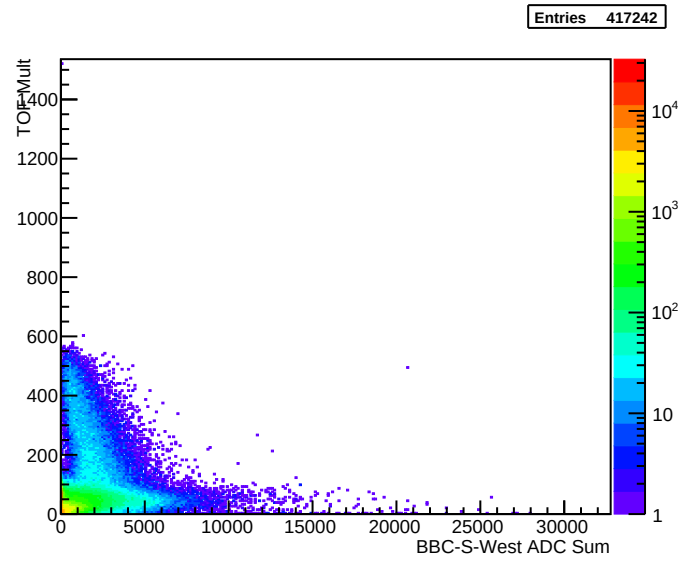

VT201 Input Ch4: VPD Tac Diff
Entries 417242
Tac

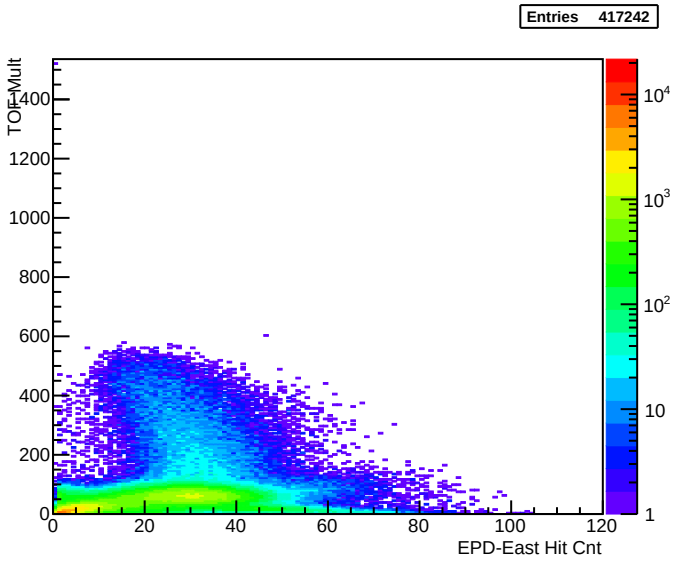

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

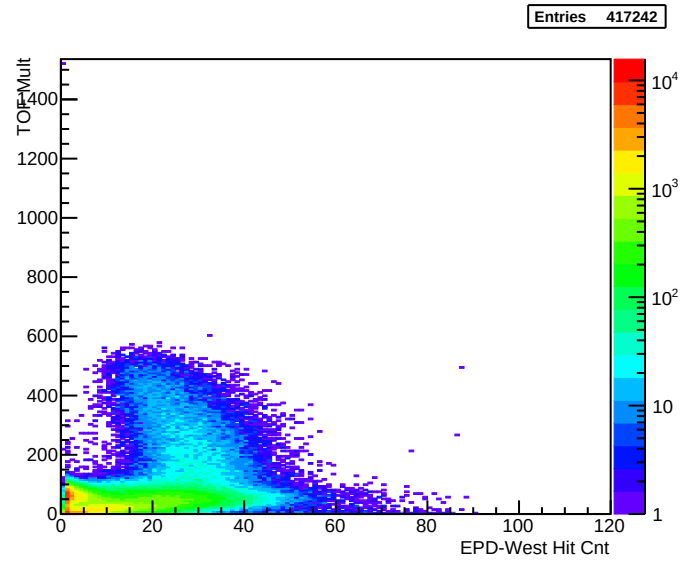

VT201 Input Ch4: VPD Adc Sum Th
Entries 834484
345751
222198
71491
195044
East
West

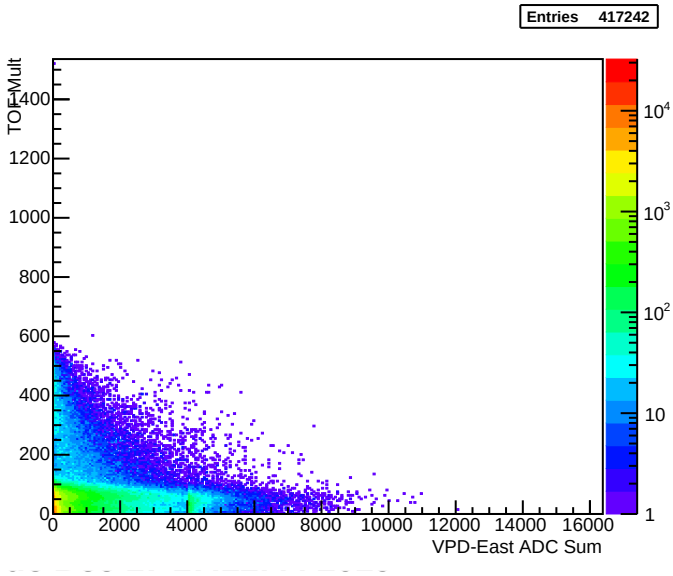

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

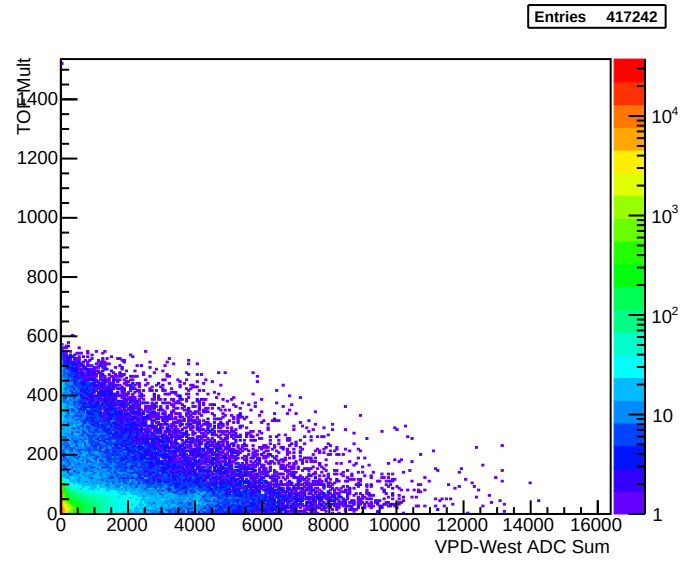

Entries 417242
TOF-Mult
BBC-S-East ADC Sum

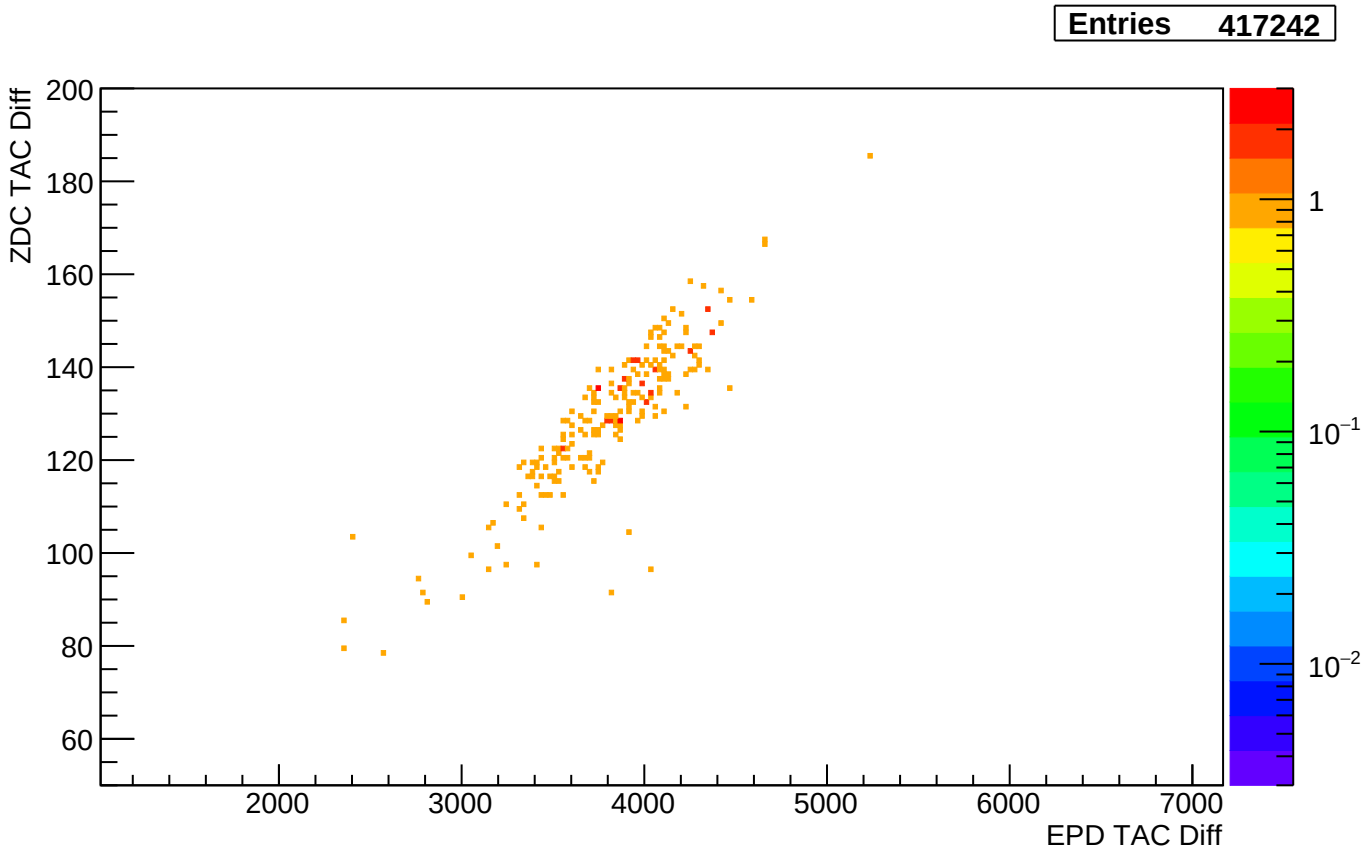

Entries 417242
TOF-Mult
BBC-S-West ADC Sum

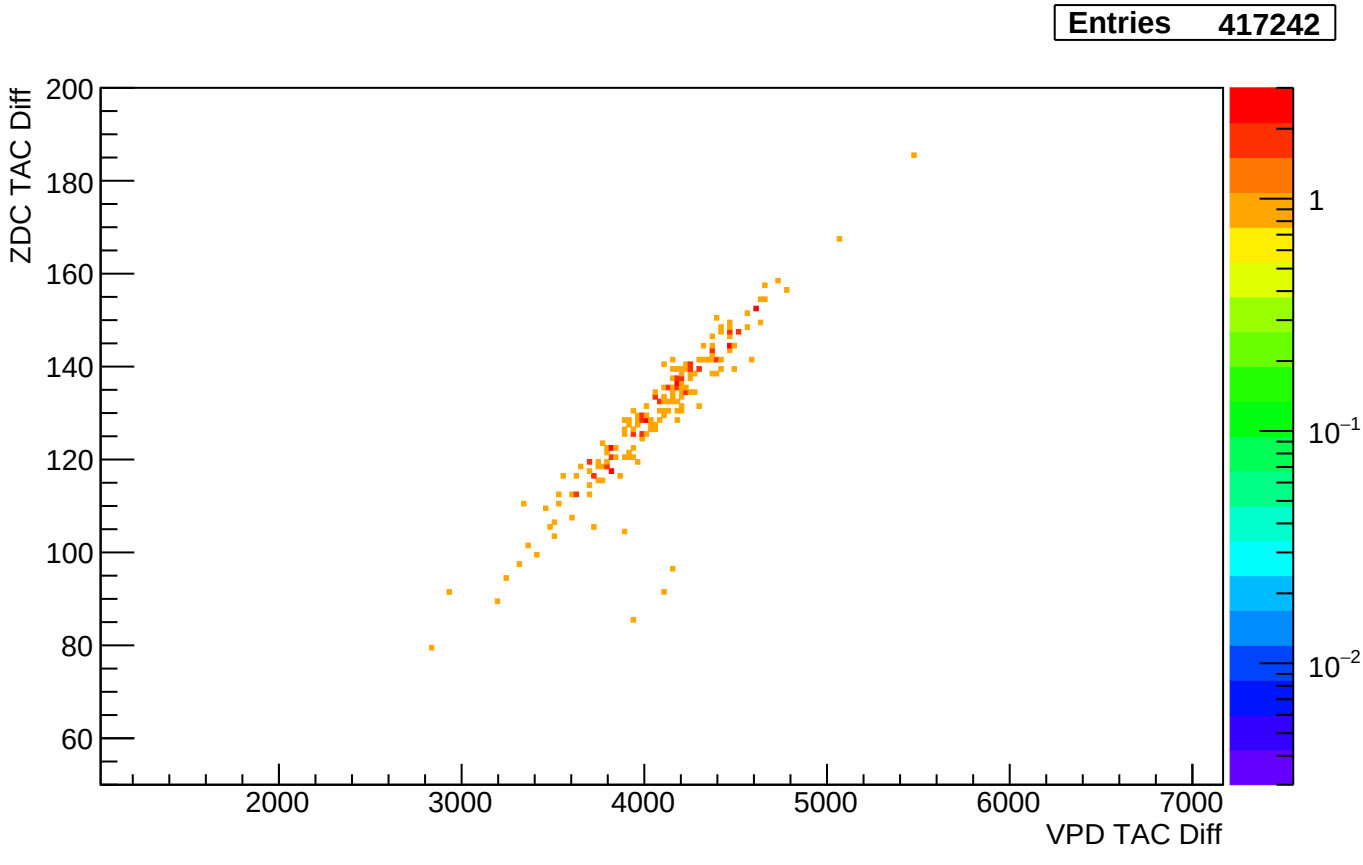

Entries 417242
TOF-Mult
EPD-East Hit Cnt

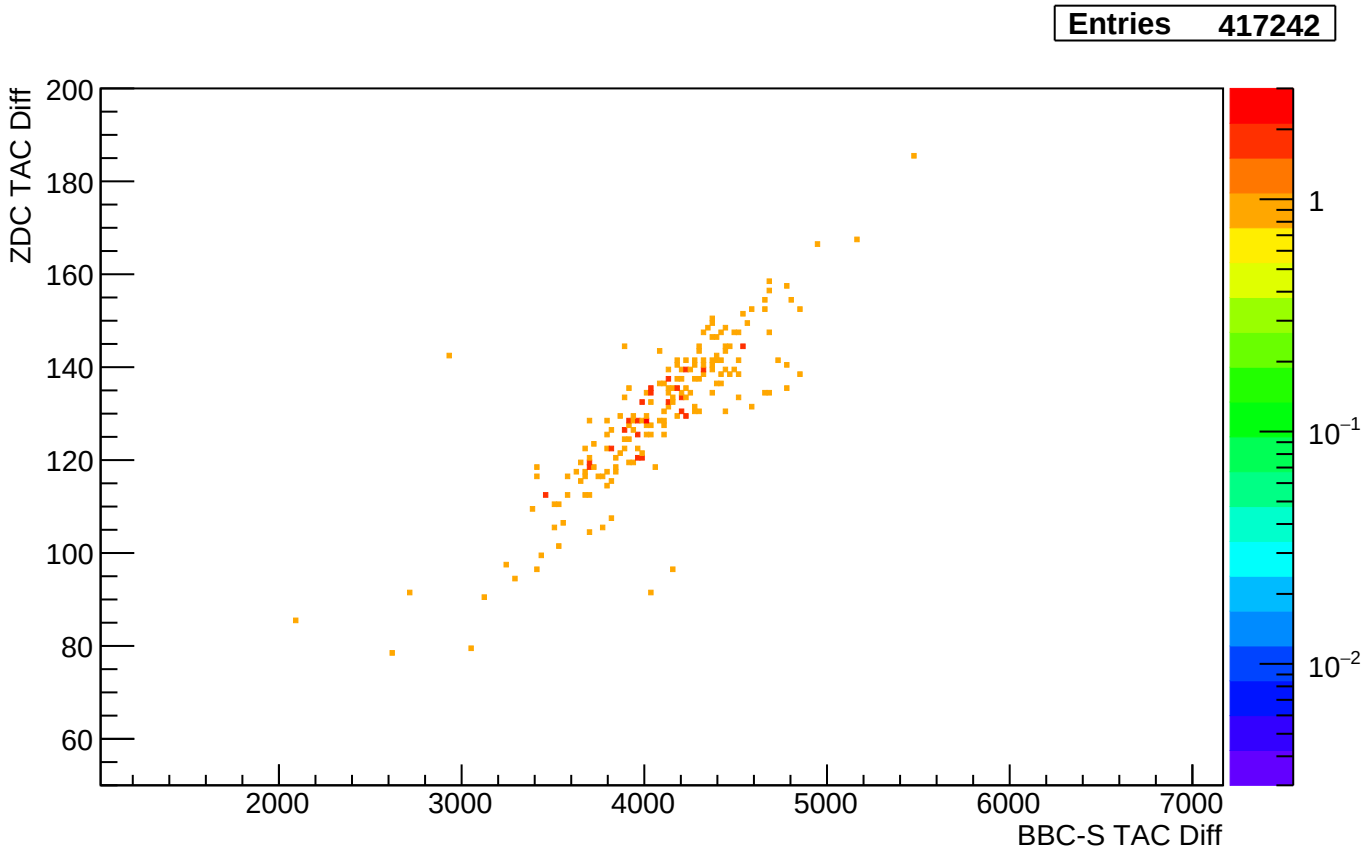

Entries 417242
TOF-Mult
EPD-West Hit Cnt

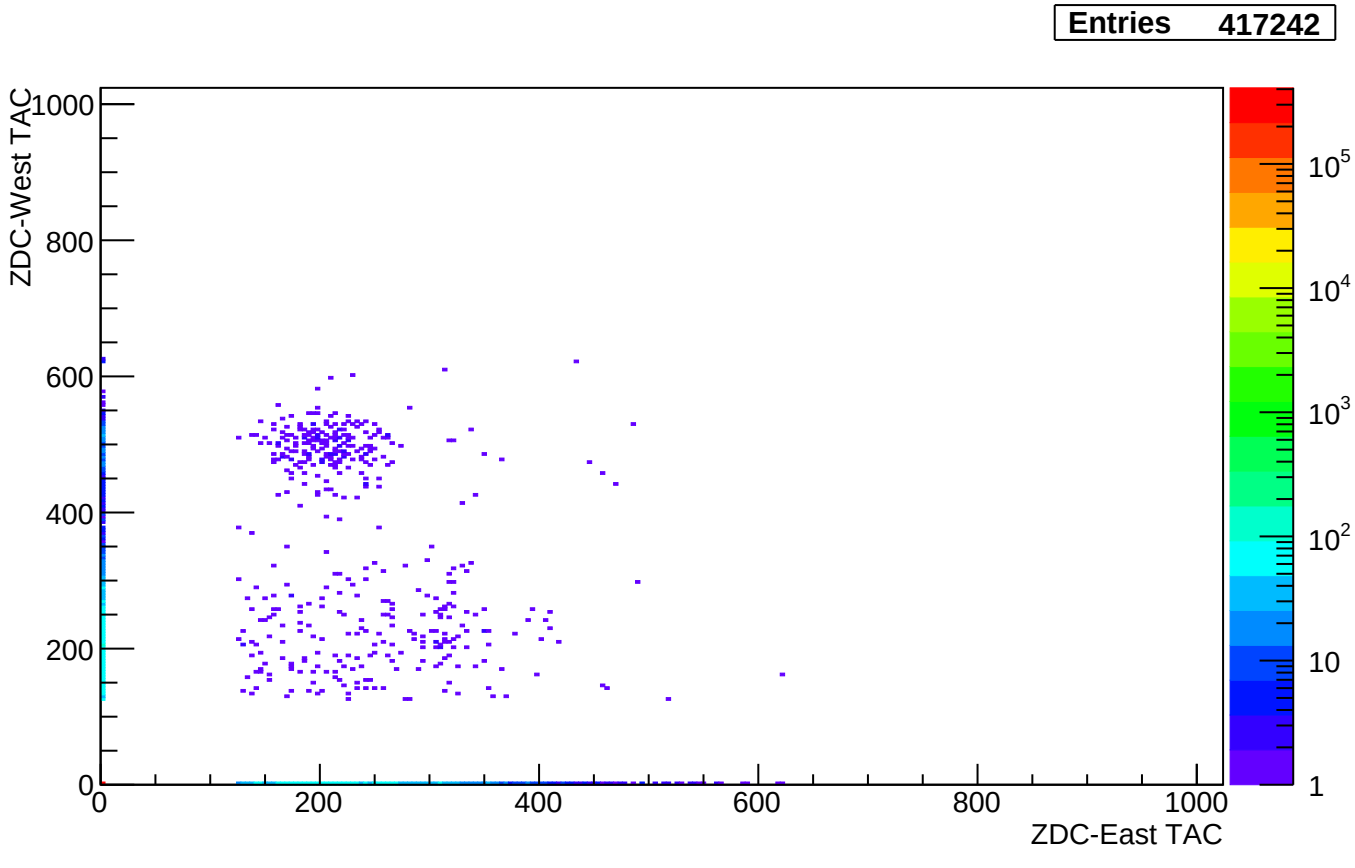

Entries 417242
TOF-Mult
VPD-East ADC Sum

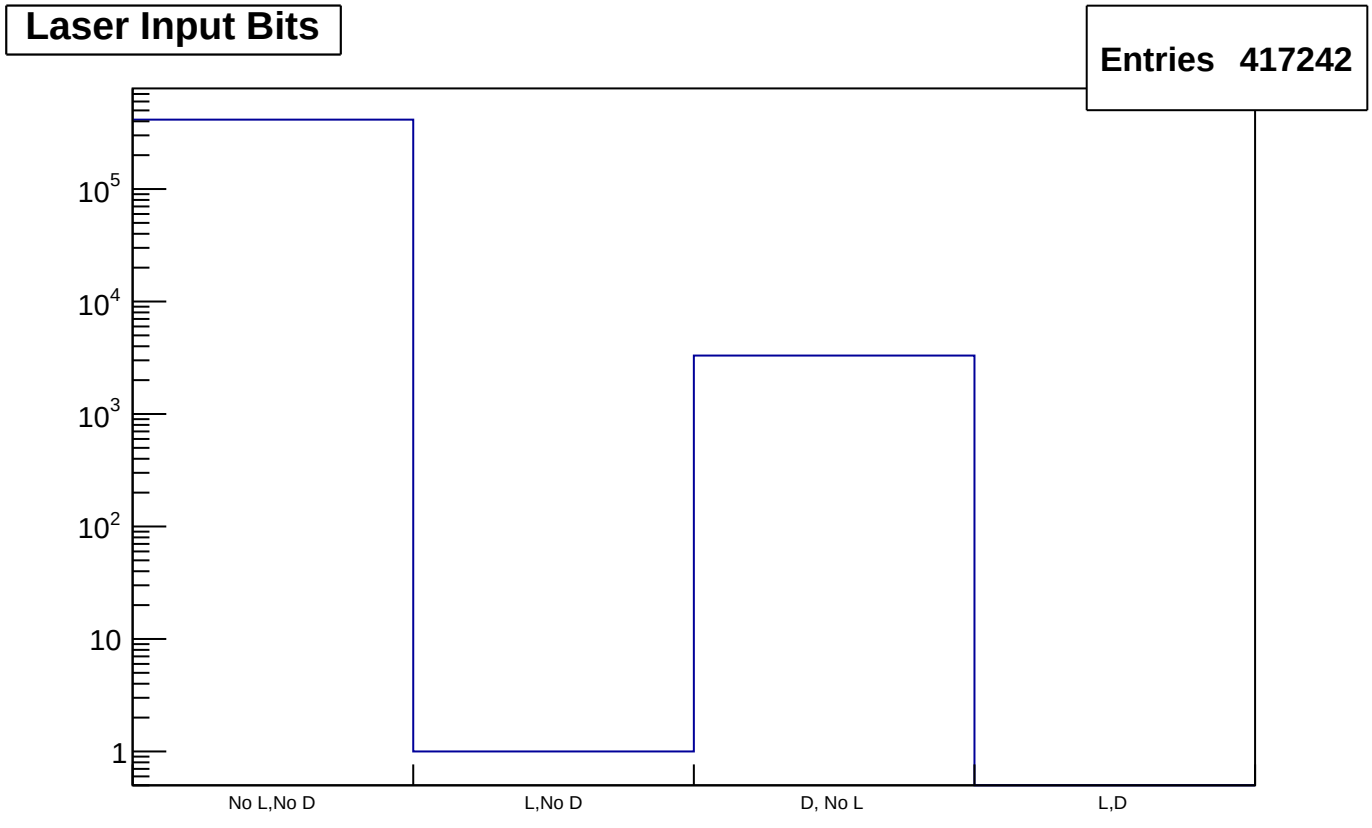

Entries 417242
TOF-Mult
VPD-West ADC Sum

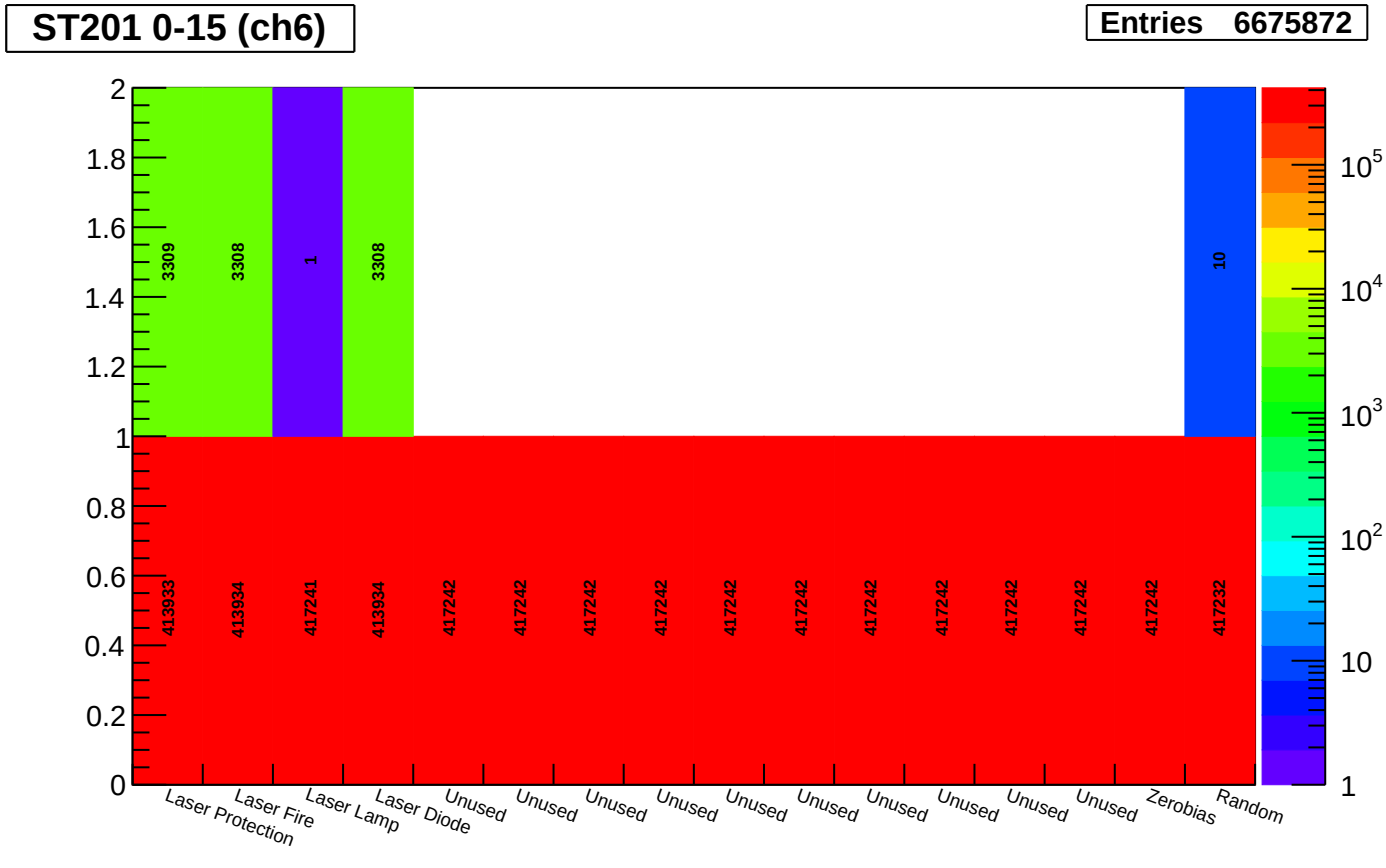

Entries 417242
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

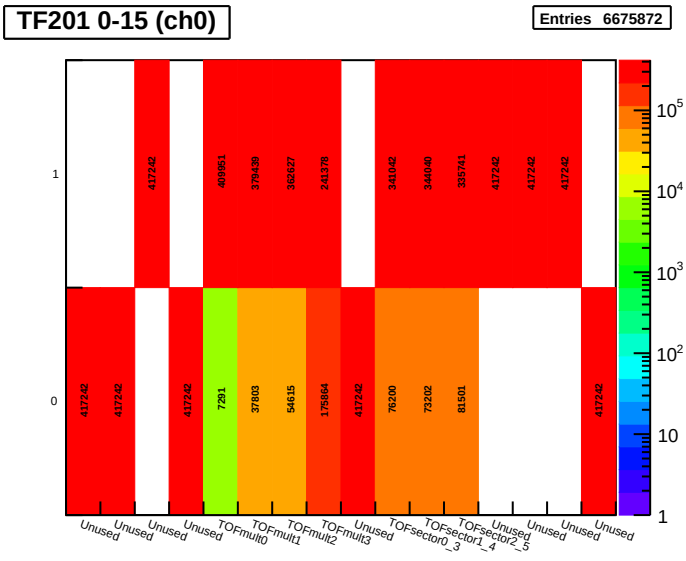

Entries 417242
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

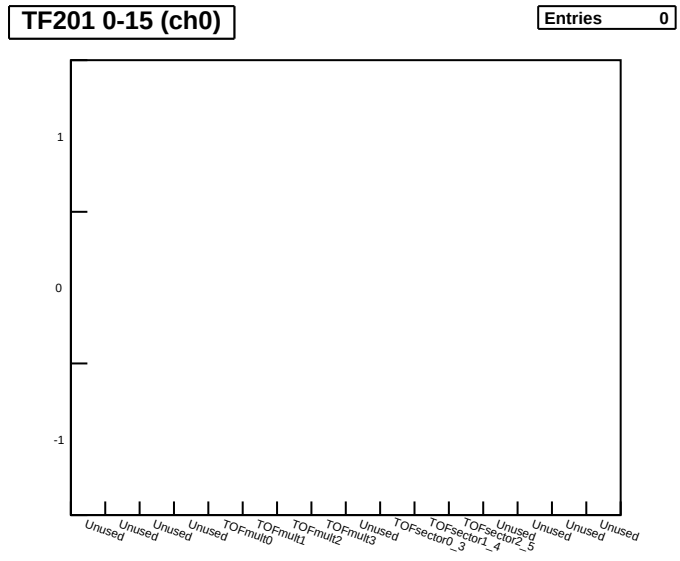

Entries 417242
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

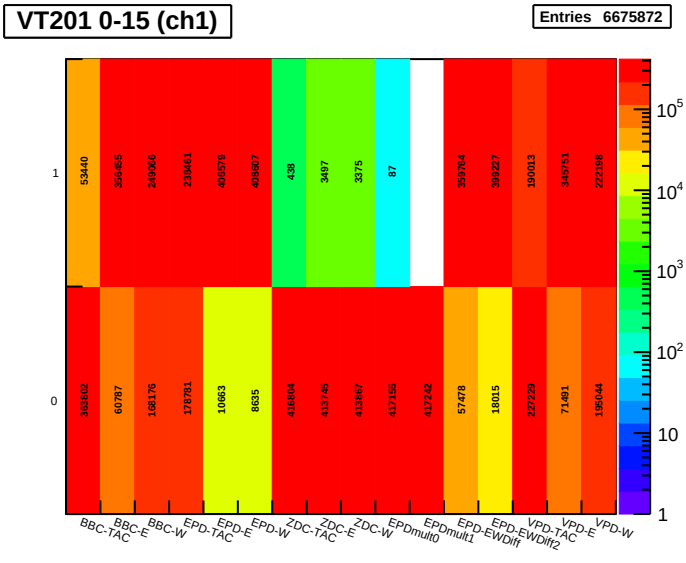

Entries 417242
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

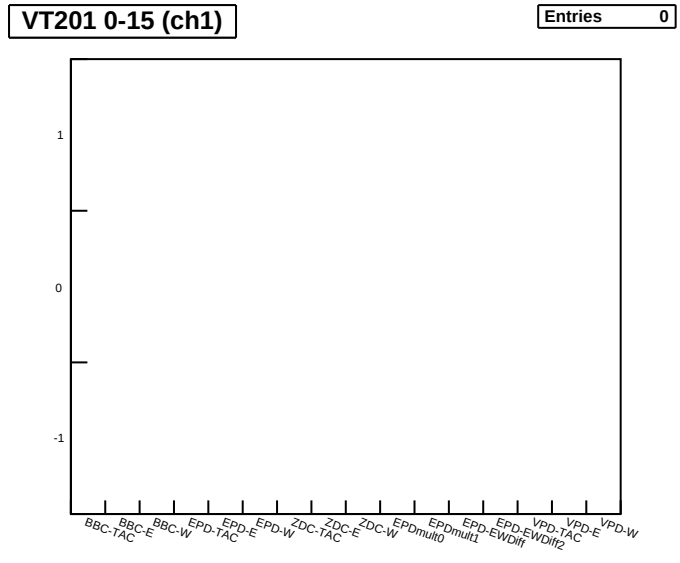

Laser Input Bits
Entries 417242
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

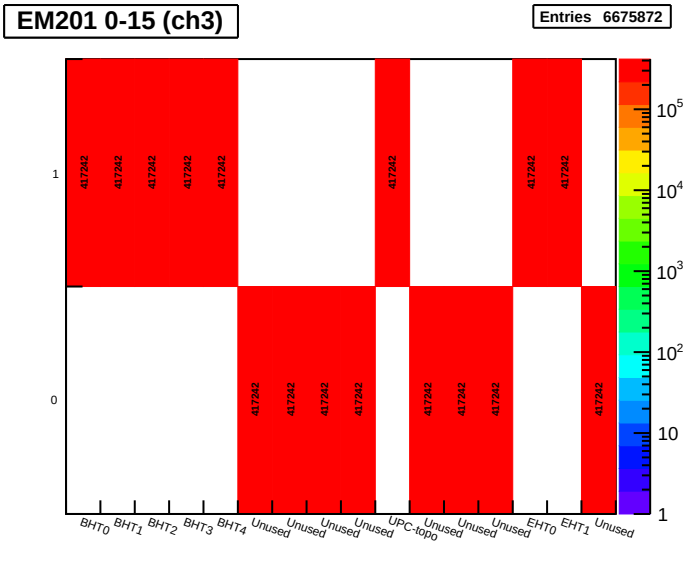

ST201 0-15 (ch6)
Entries 6675872
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3309
3308
1
3308
10
413933
413934
417241
413934
417242
417242
417242
417242
417242
417242
417242
417242
417242
417242
417242
417232
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

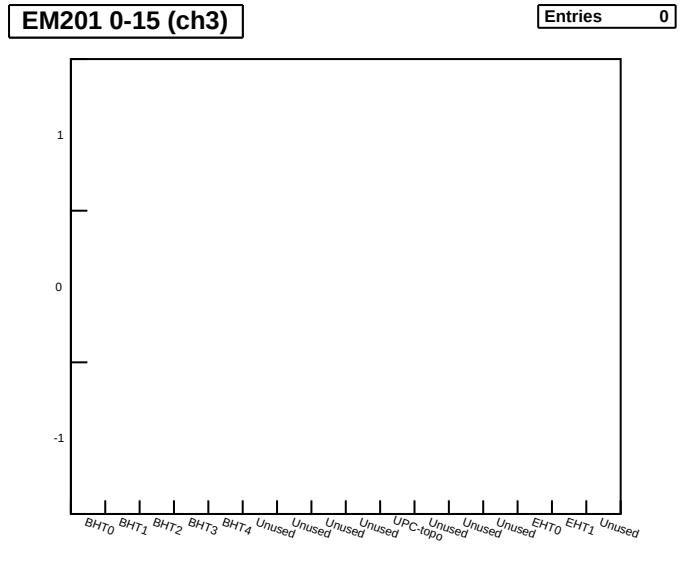

TF201 0-15 (ch0)
Entries 6675872
1
0
417242 409861 379439 362627 241378 341042 344040 335741 417242 417242 417242
417242 417242 417242 7291 37803 54615 175864 417242 76200 73202 81501 417242
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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


VT201 0-15 (ch1)
Entries 6675872
1
0
53440 356455 249066 238461 405579 408607 438 3497 3375 87 359764 399227 190013 345751 222198
363802 60787 168176 176781 10663 8635 416804 413745 413867 417155 417242 57478 18015 227229 71491 196044
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
1 10 10^2 10^3 10^4 10^5


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 6675872
1
0
417242 417242 417242 417242 417242 417242 417242 417242
417242 417242 417242 417242 417242 417242 417242 417242
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused