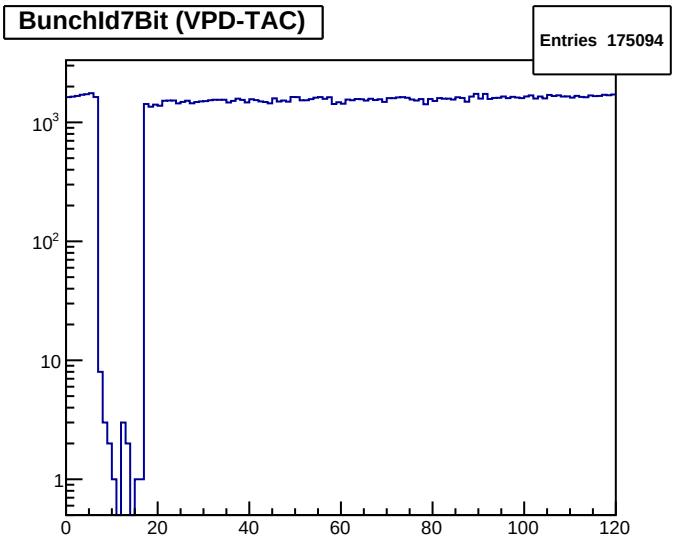
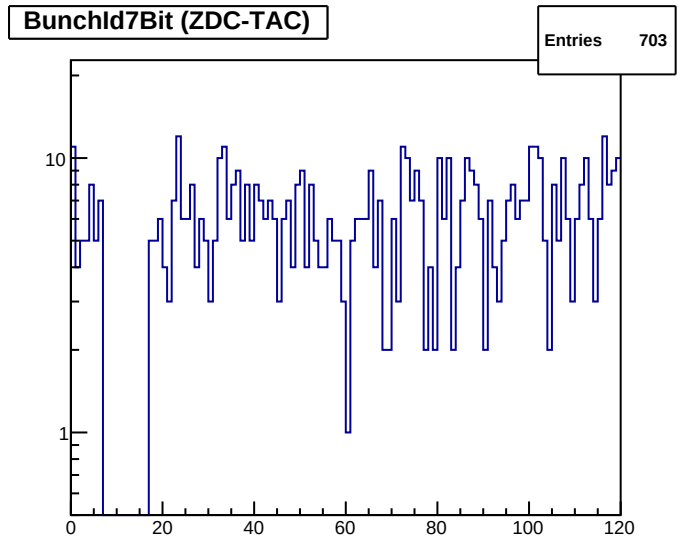
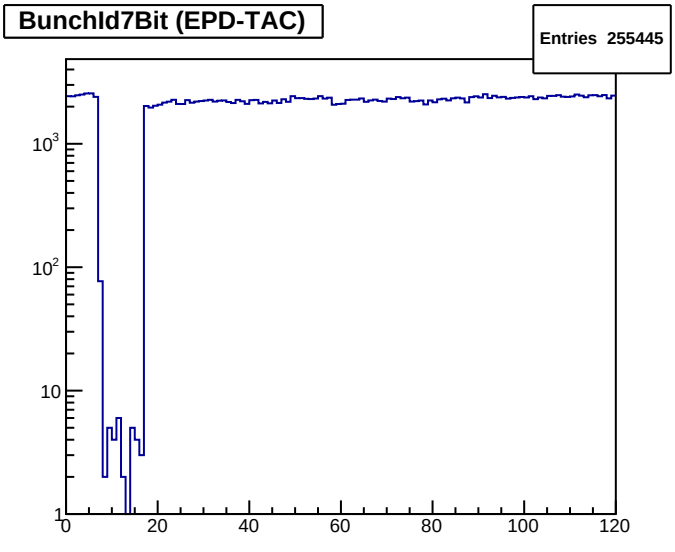
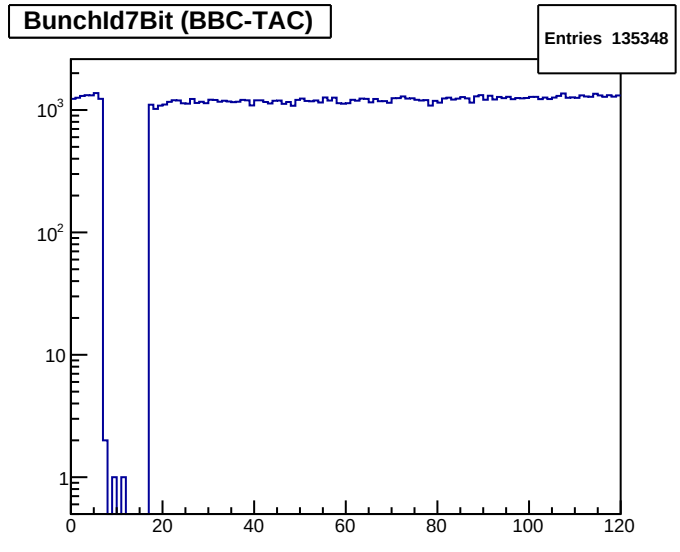
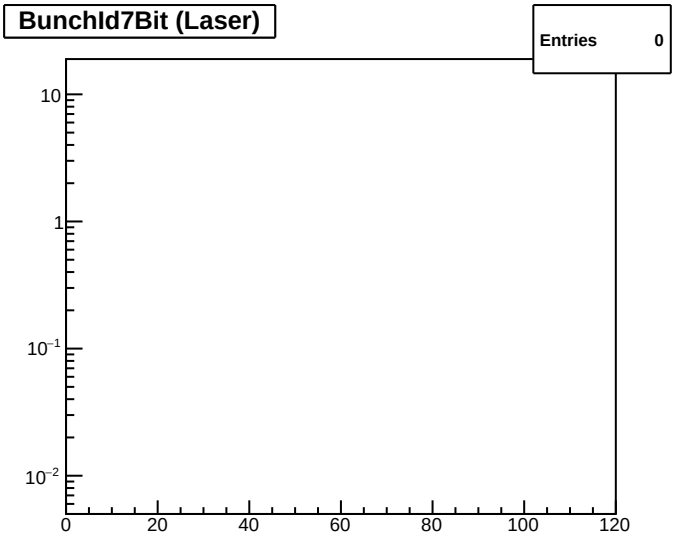
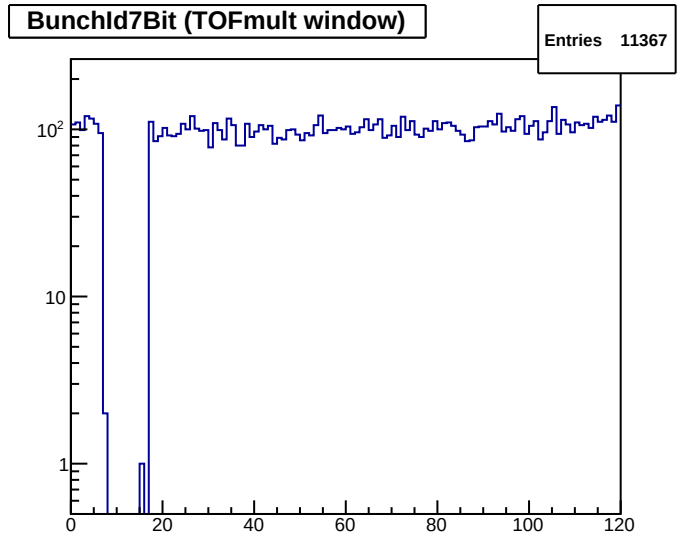

BunchId7Bit (VPD-TAC)
Entries 175094

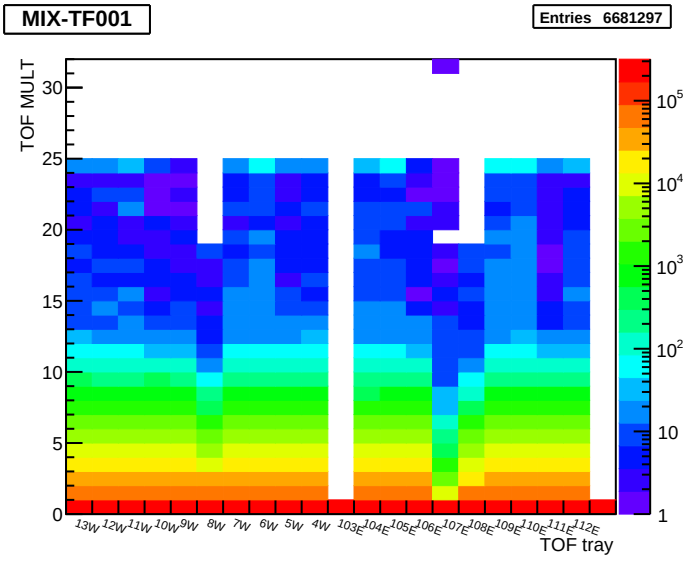

BunchId7Bit (ZDC-TAC)
Entries 703

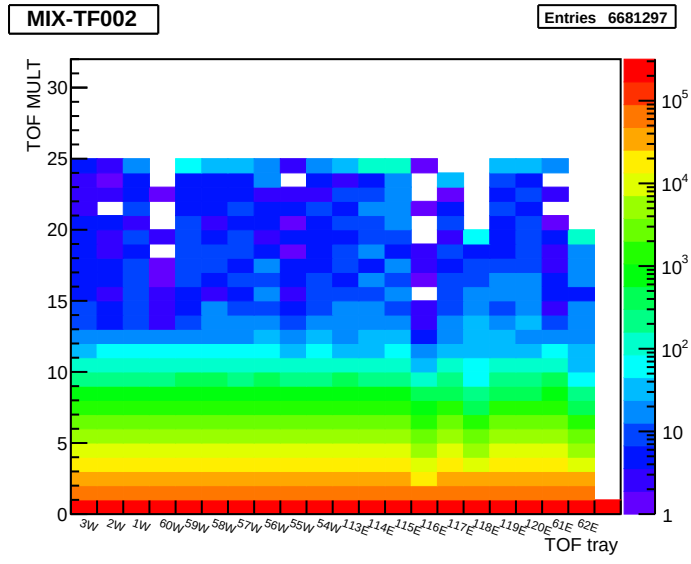

BunchId7Bit (EPD-TAC)
Entries 255445

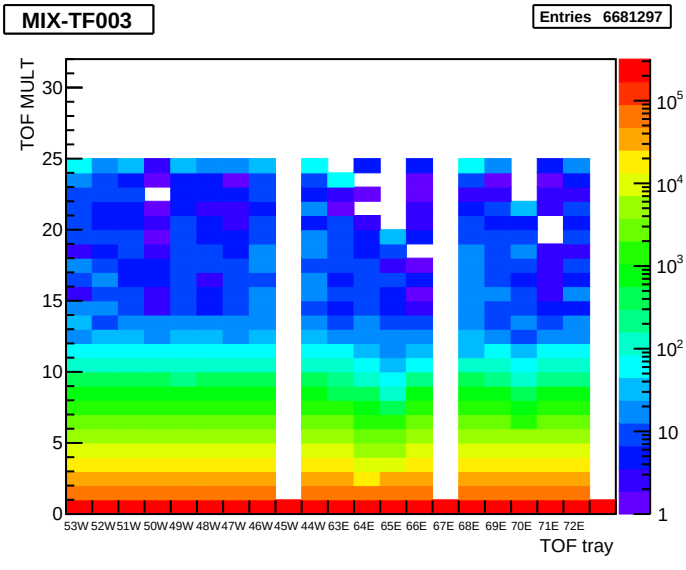

BunchId7Bit (BBC-TAC)
Entries 135348

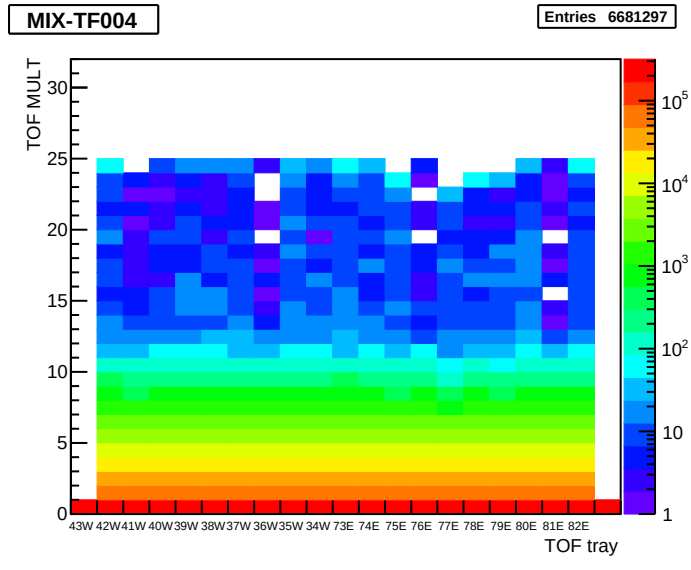

BunchId7Bit (Laser)
Entries 0

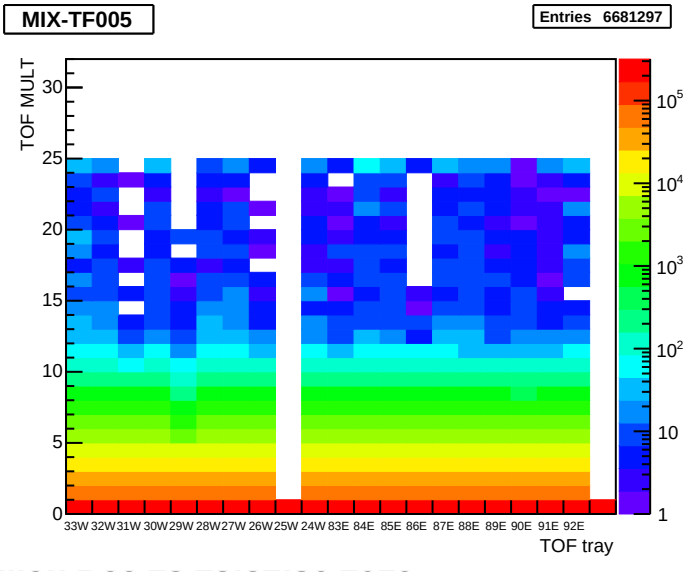

BunchId7Bit (TOFmult window)
Entries 11367

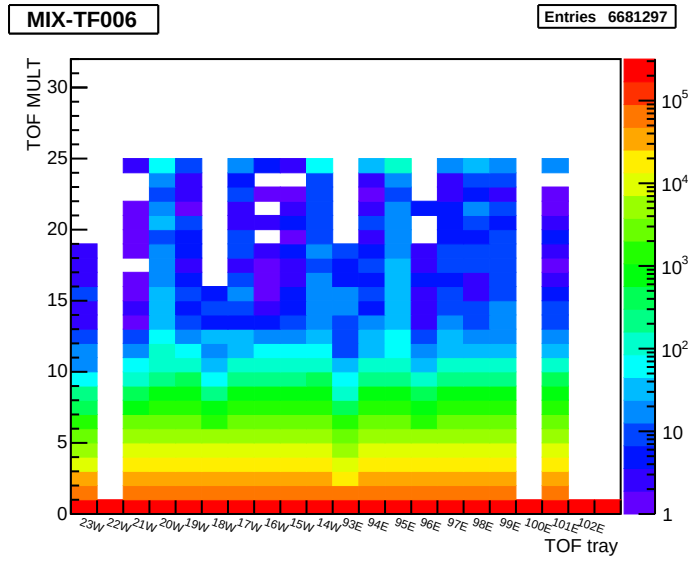

MIX-TF001
Entries 6681297
TOF MULT
TOF tray

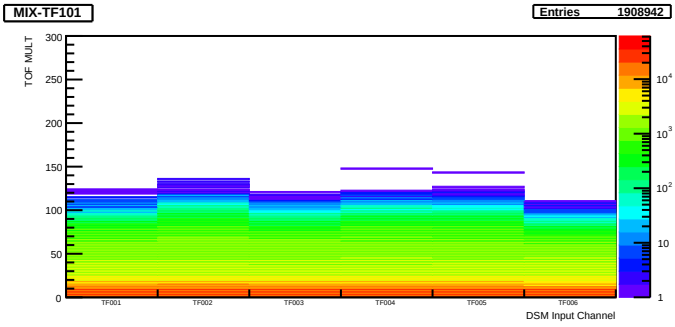

MIX-TF002
Entries 6681297
TOF MULT
TOF tray

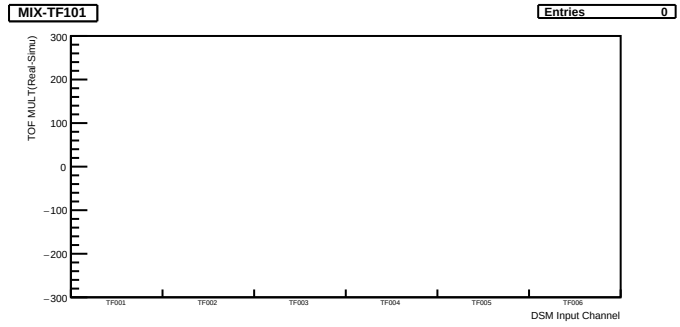

MIX-TF003
Entries 6681297
TOF MULT
TOF tray

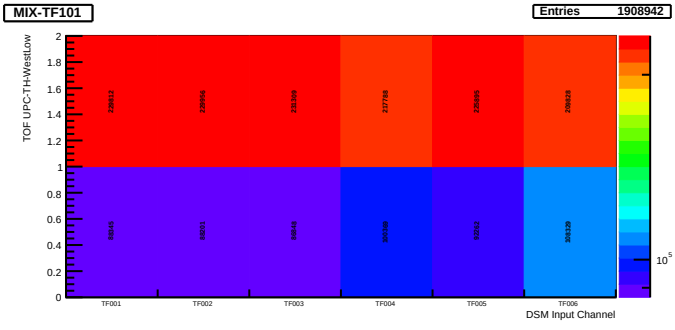

MIX-TF004
Entries 6681297
TOF MULT
TOF tray

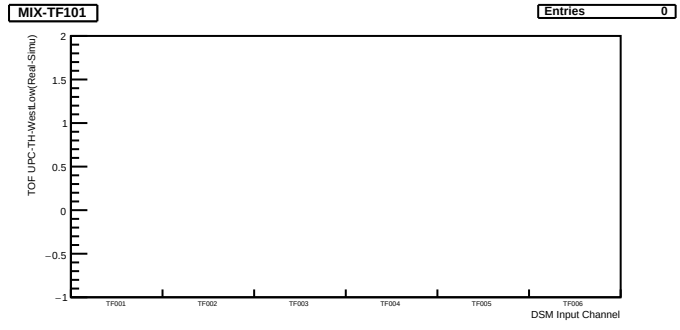

MIX-TF005
Entries 6681297
TOF MULT
TOF tray

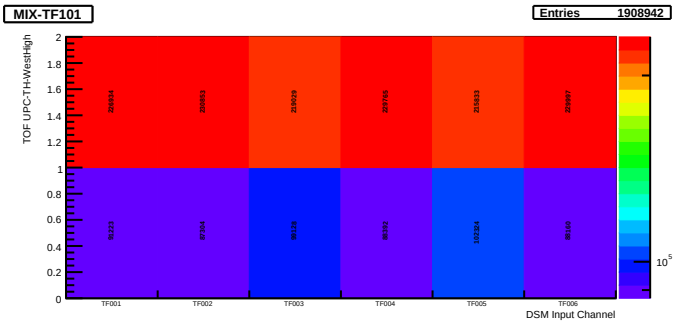

MIX-TF006
Entries 6681297
TOF MULT
TOF tray

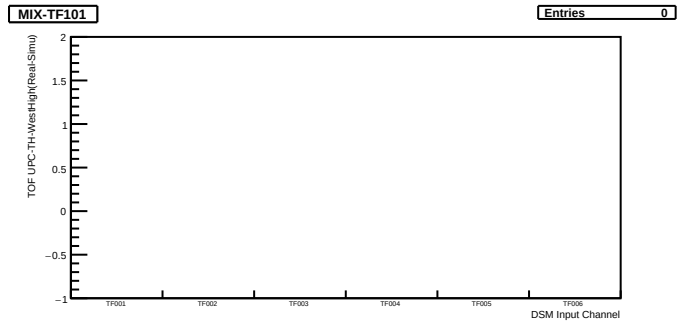

MIX-TF101
Entries 1908942
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

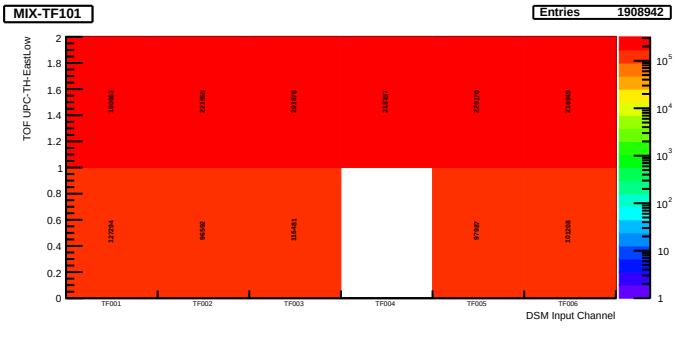

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

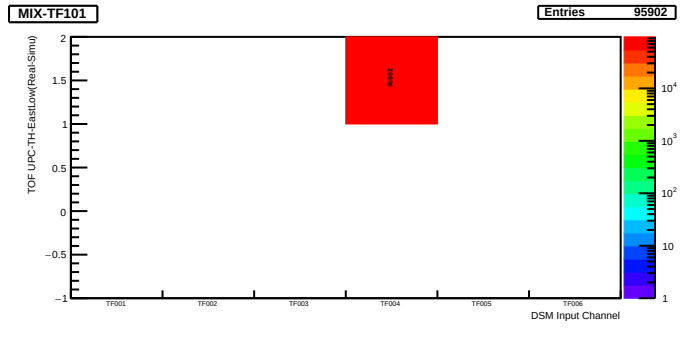

MIX-TF101
Entries 1908942
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

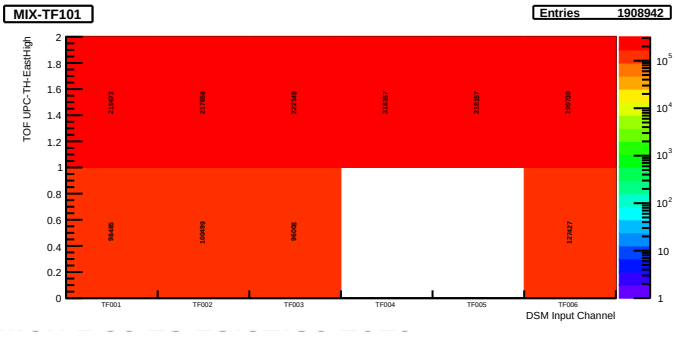

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

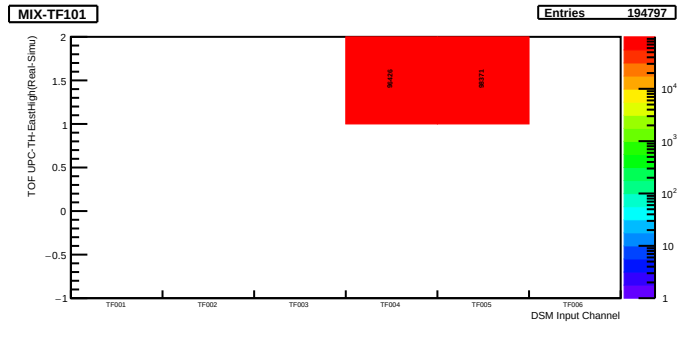

MIX-TF101
Entries 1908942
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

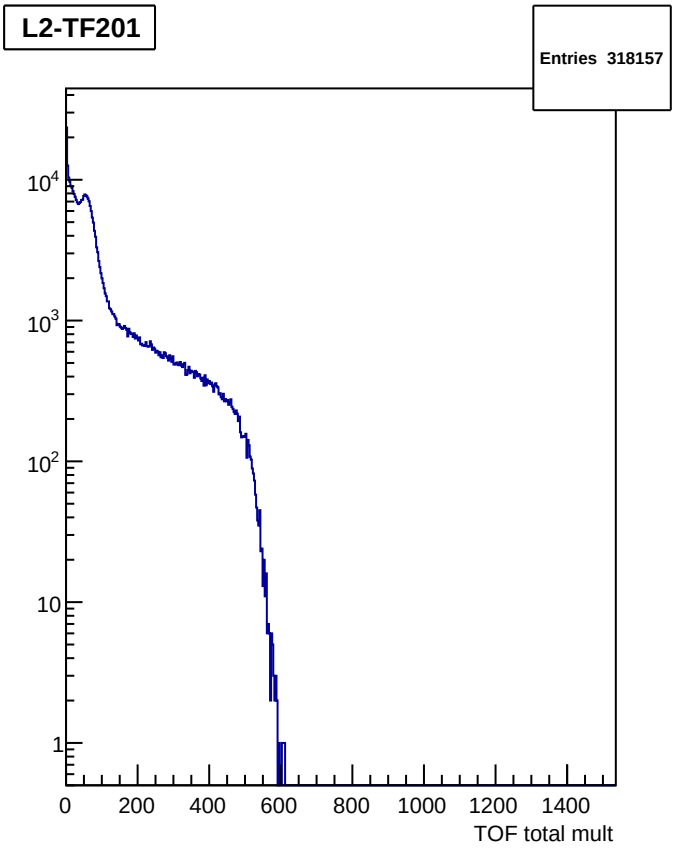

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

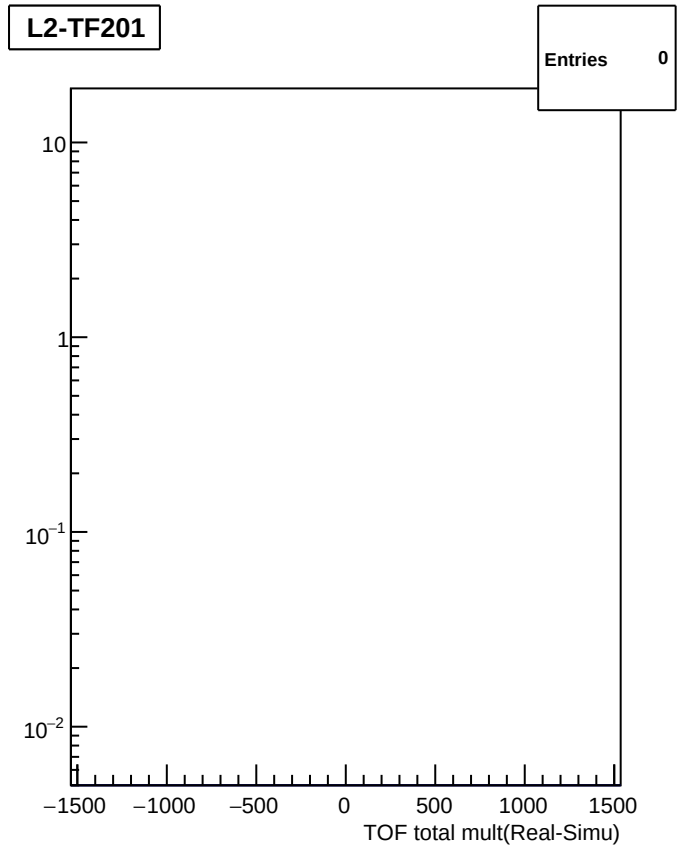

MIX-TF101
Entries 1908942
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

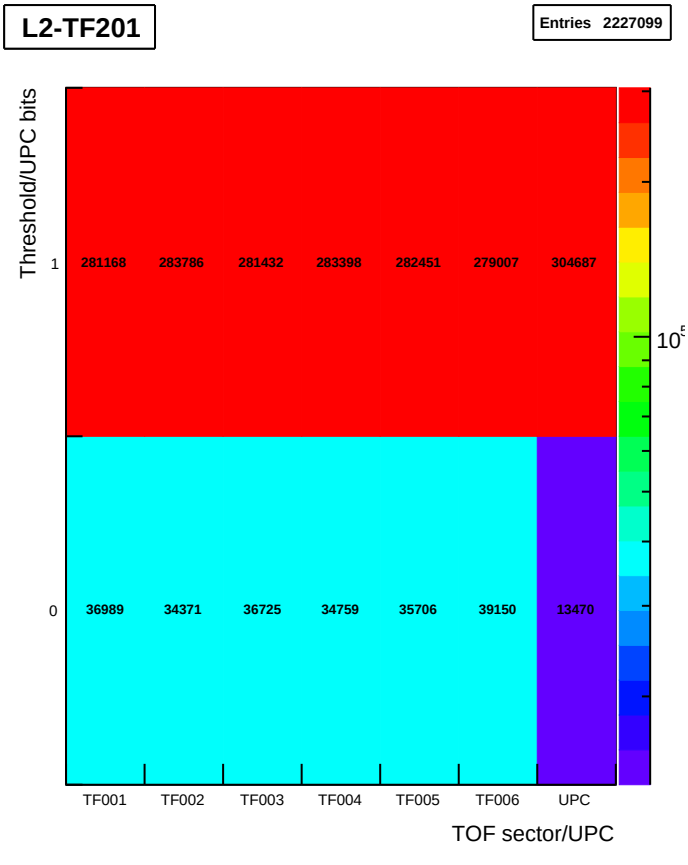

MIX-TF101
Entries 95902
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

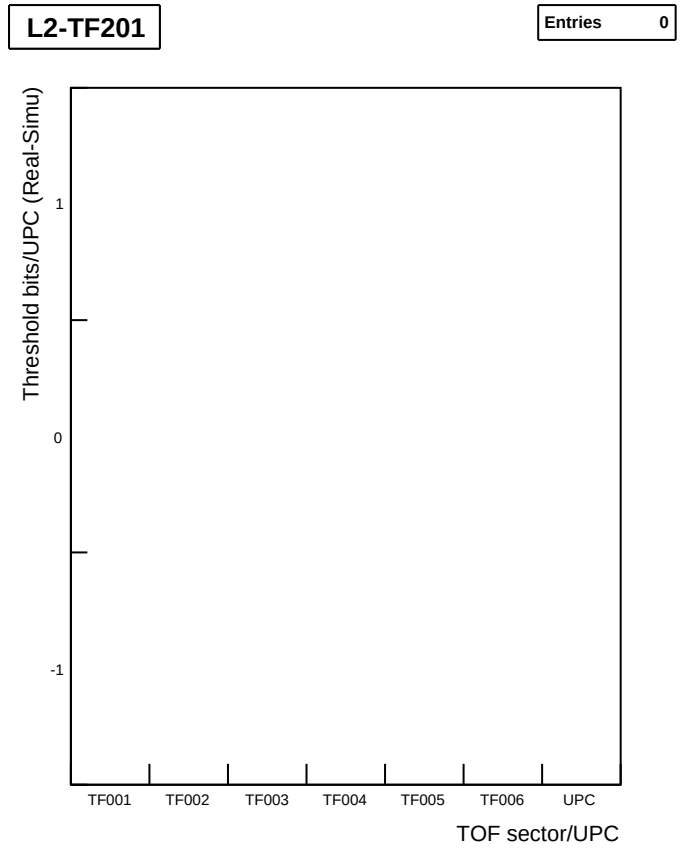

MIX-TF101
Entries 1908942
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

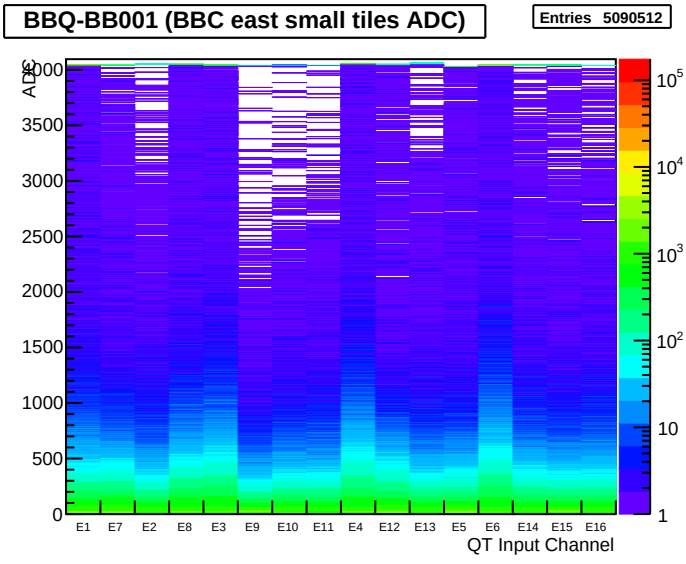

MIX-TF101
Entries 194797
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

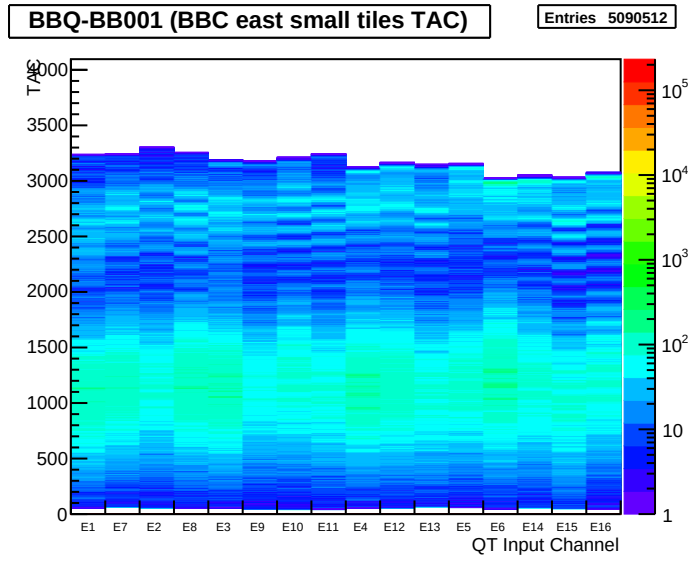

L2-TF201
Entries 318157
TOF total mult

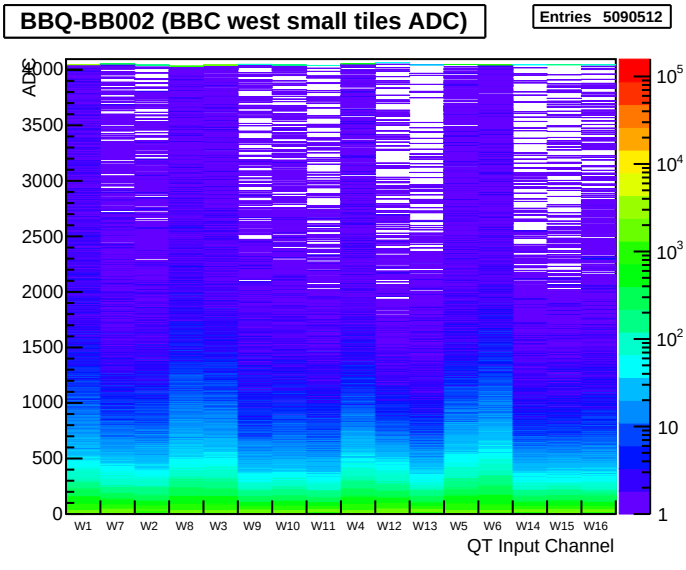

L2-TF201
Entries 0
TOF total mult(Real-Simu)

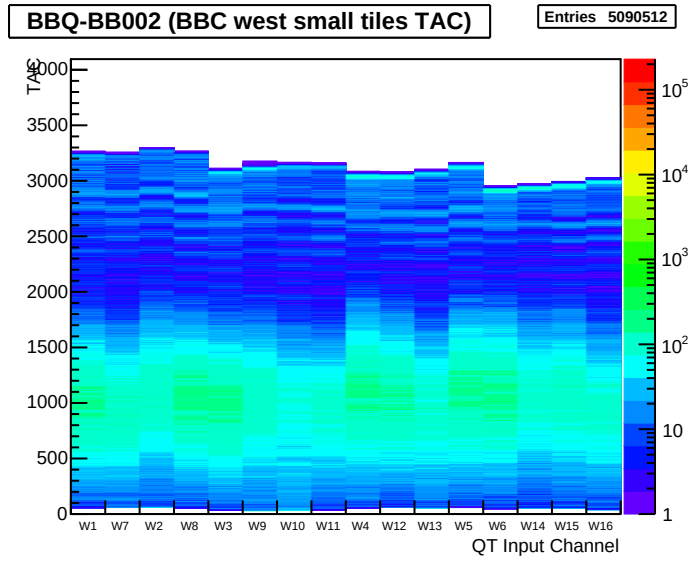

L2-TF201
Entries 2227099
Threshold/UPC bits
281168
283786
281432
283398
282451
279007
304687
36989
34371
36725
34759
35706
39150
13470
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

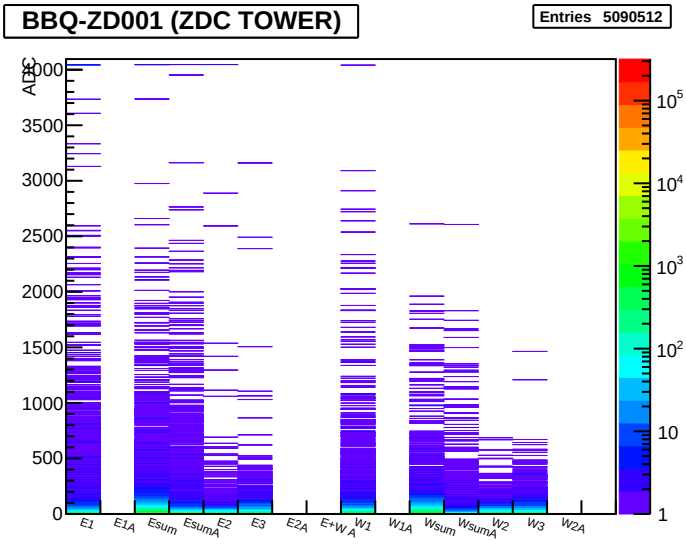

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

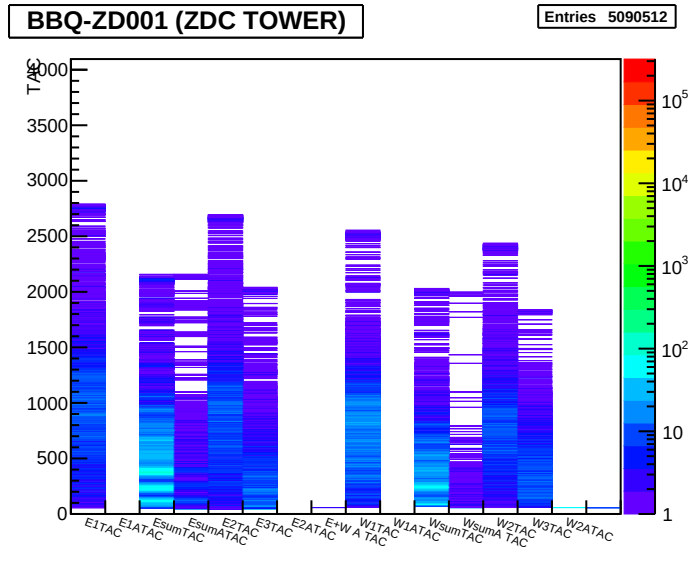

BBQ-BB001 (BBC east small tiles ADC)
Entries 5090512
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

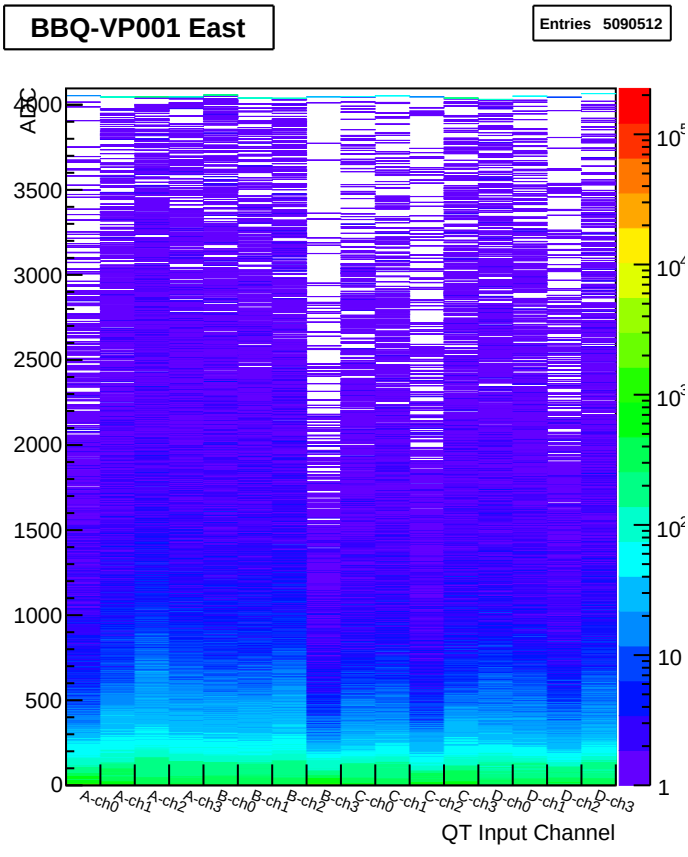

BBQ-BB001 (BBC east small tiles TAC)
Entries 5090512
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

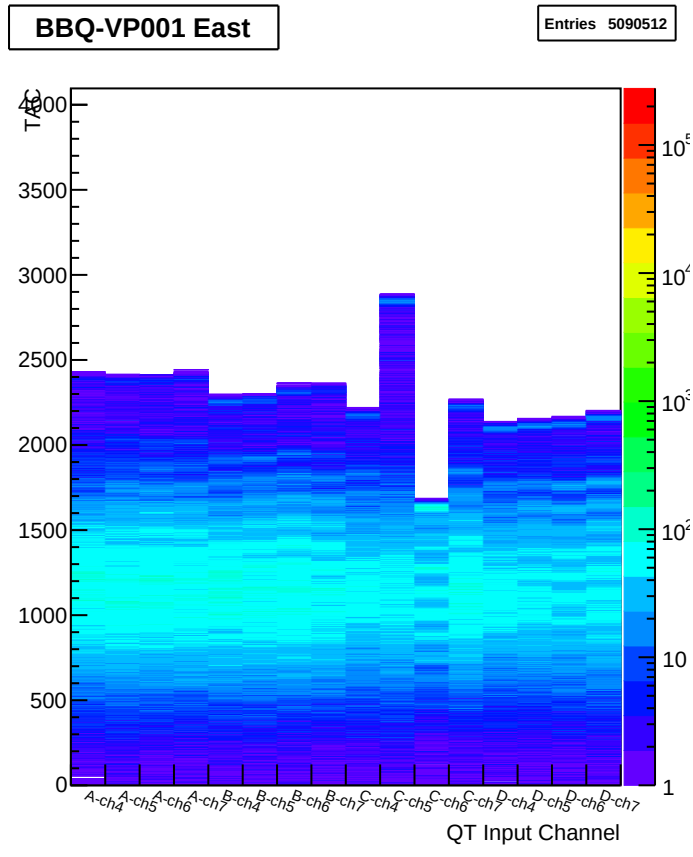

BBQ-BB002 (BBC west small tiles ADC)
Entries 5090512
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

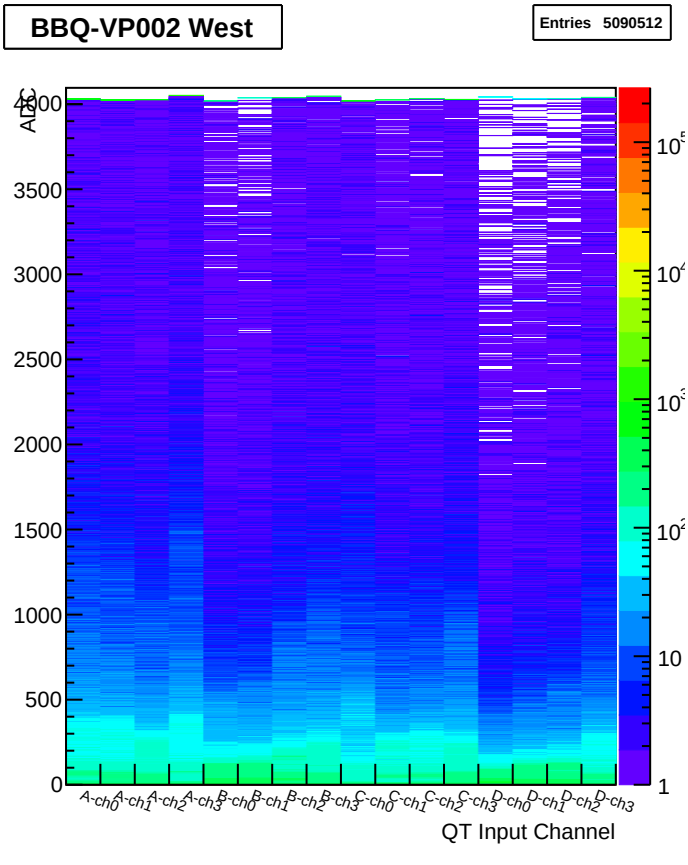

BBQ-BB002 (BBC west small tiles TAC)
Entries 5090512
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

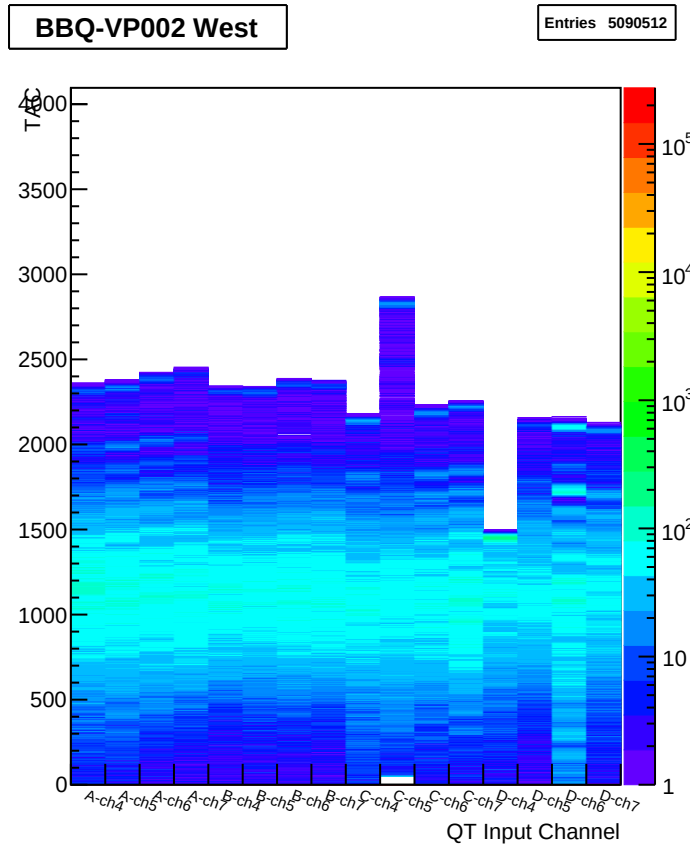

BBQ-ZD001 (ZDC TOWER)
Entries 5090512
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

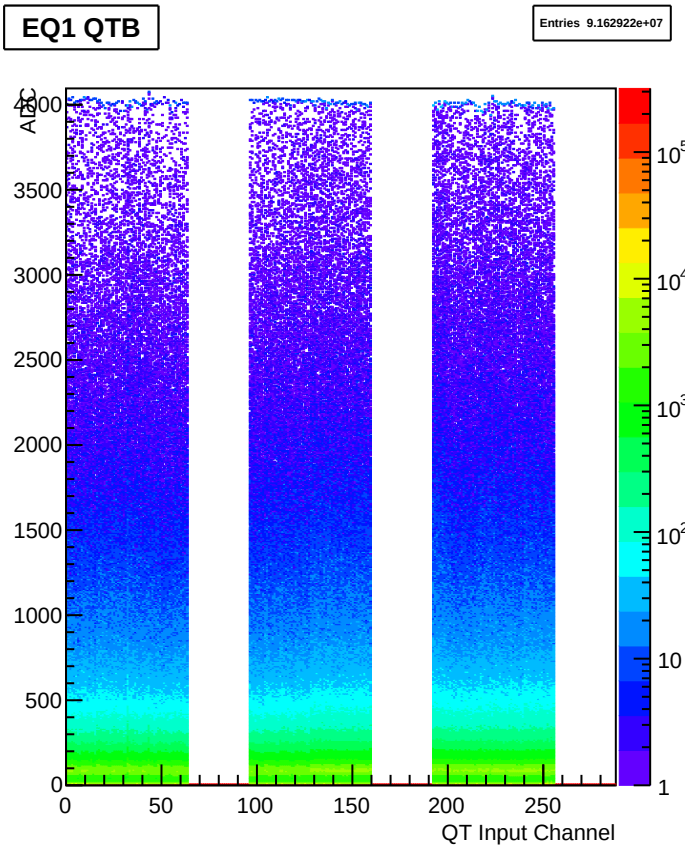

BBQ-ZD001 (ZDC TOWER)
Entries 5090512
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

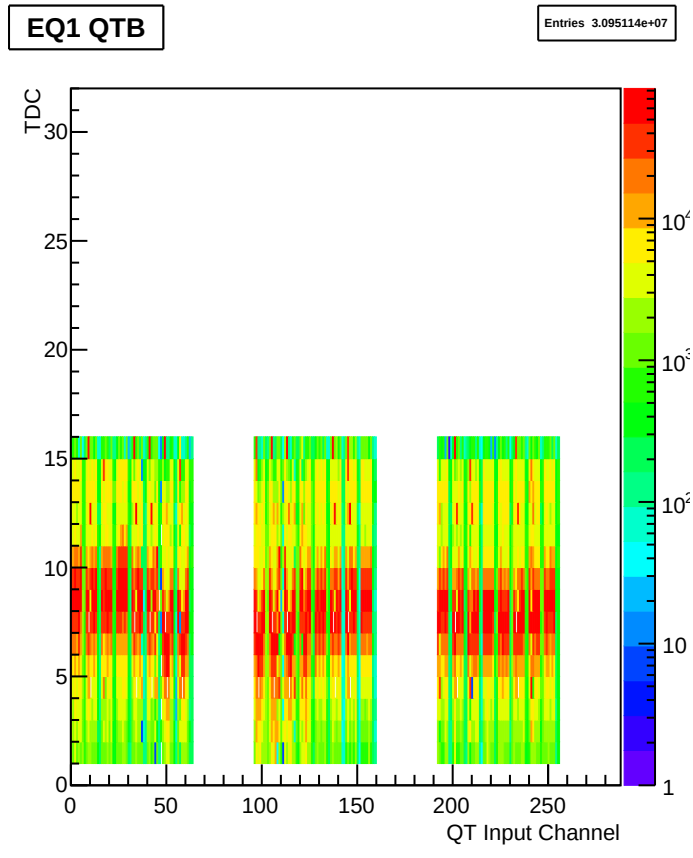

BBQ-VP001 East
Entries 5090512
ADC
QT Input Channel

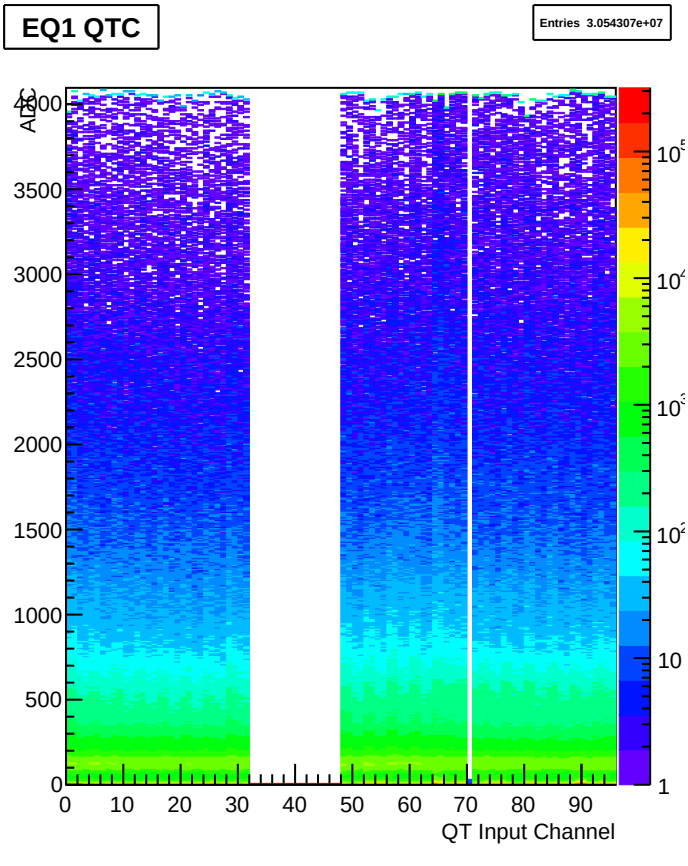

BBQ-VP001 East
Entries 5090512
TADC
QT Input Channel

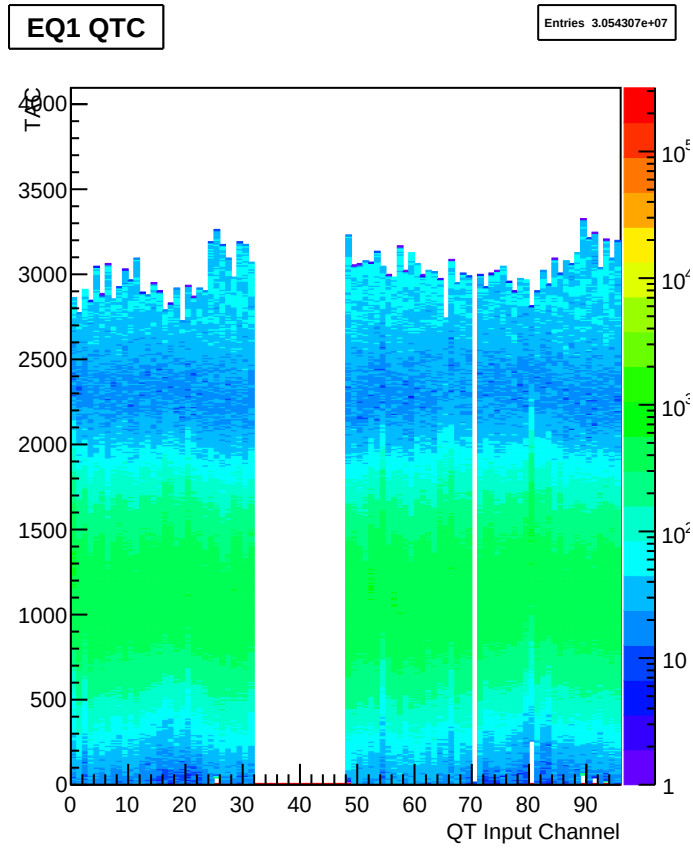

BBQ-VP002 West
Entries 5090512
ADC
QT Input Channel

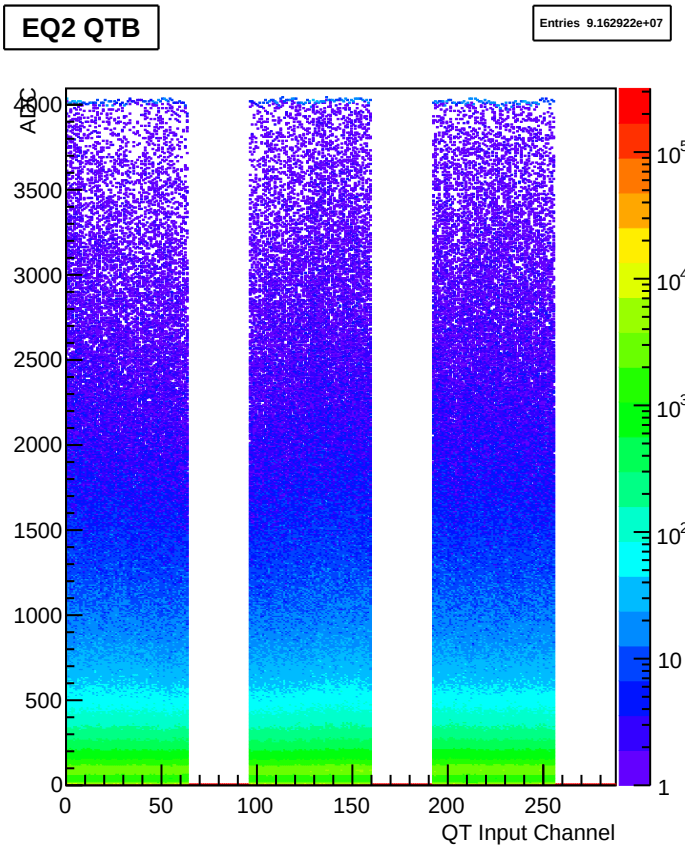

BBQ-VP002 West
Entries 5090512
TADC
QT Input Channel

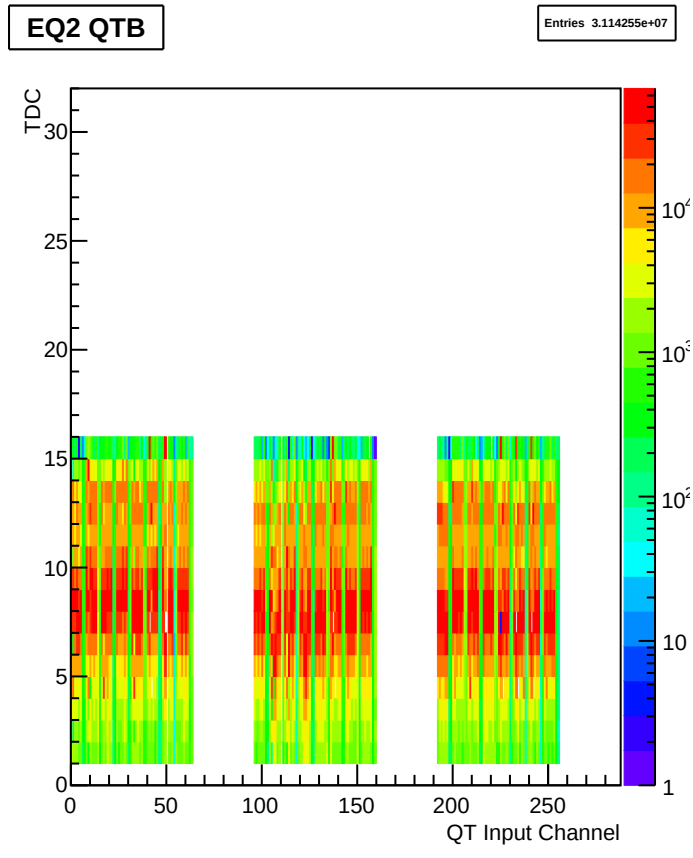

EQ1 QTB
Entries 9.162922e+07
ADC
QT Input Channel

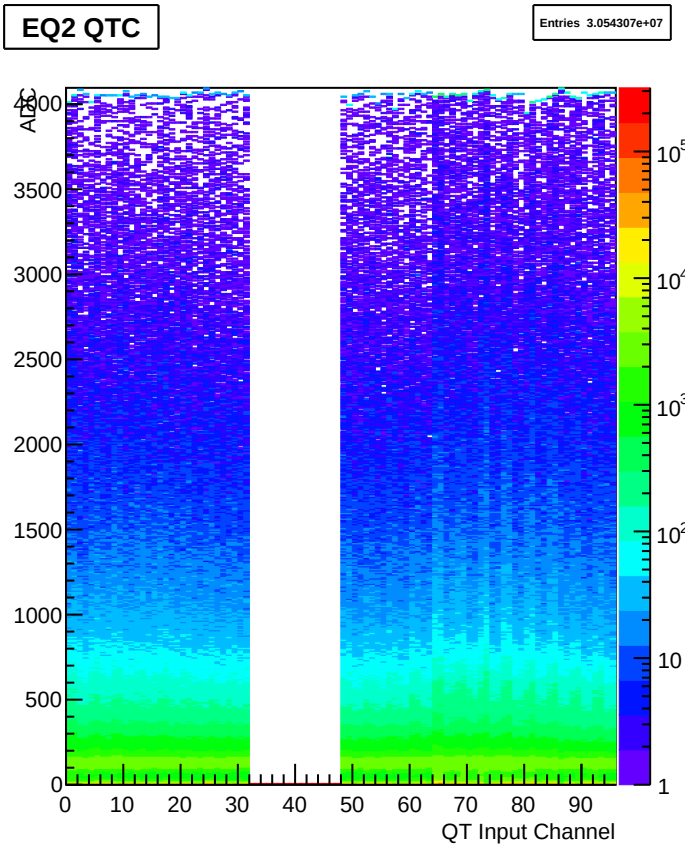

EQ1 QTB
Entries 3.095114e+07
TDC
QT Input Channel

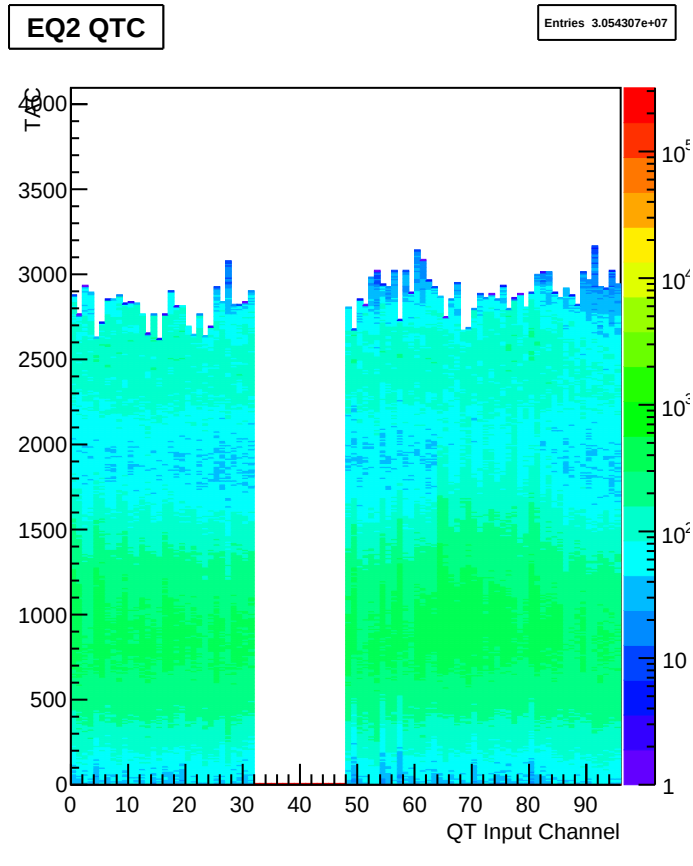

EQ1 QTC
Entries 3.054307e+07
ADC
QT Input Channel

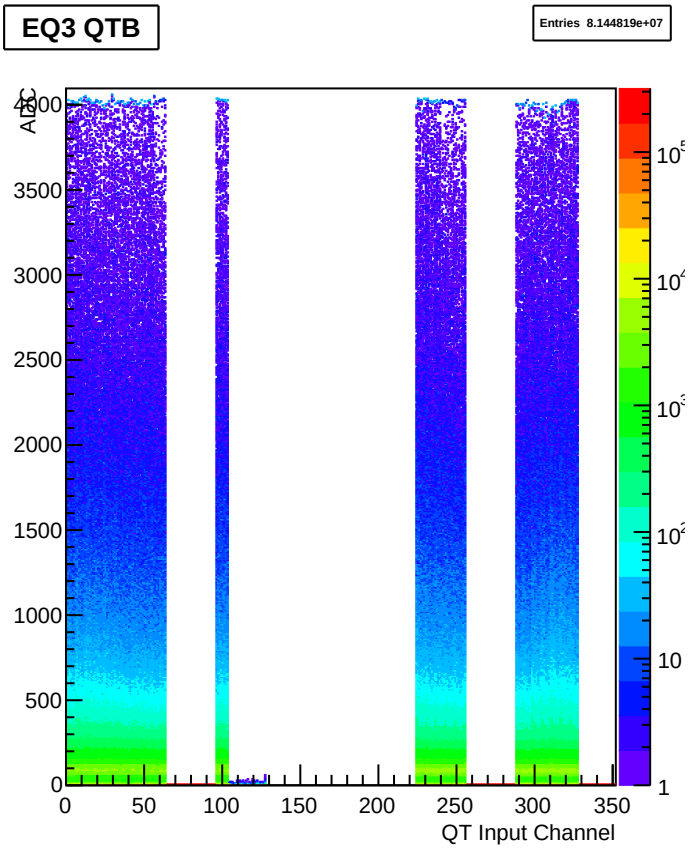

EQ1 QTC
Entries 3.054307e+07
TADC
QT Input Channel

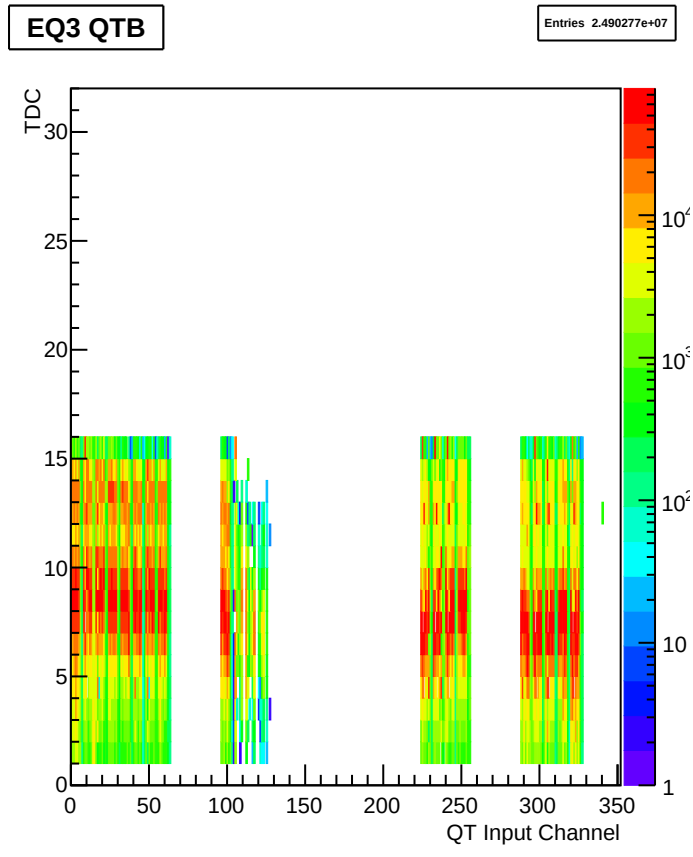

EQ2 QTB
Entries 9.162922e+07
ADC
QT Input Channel

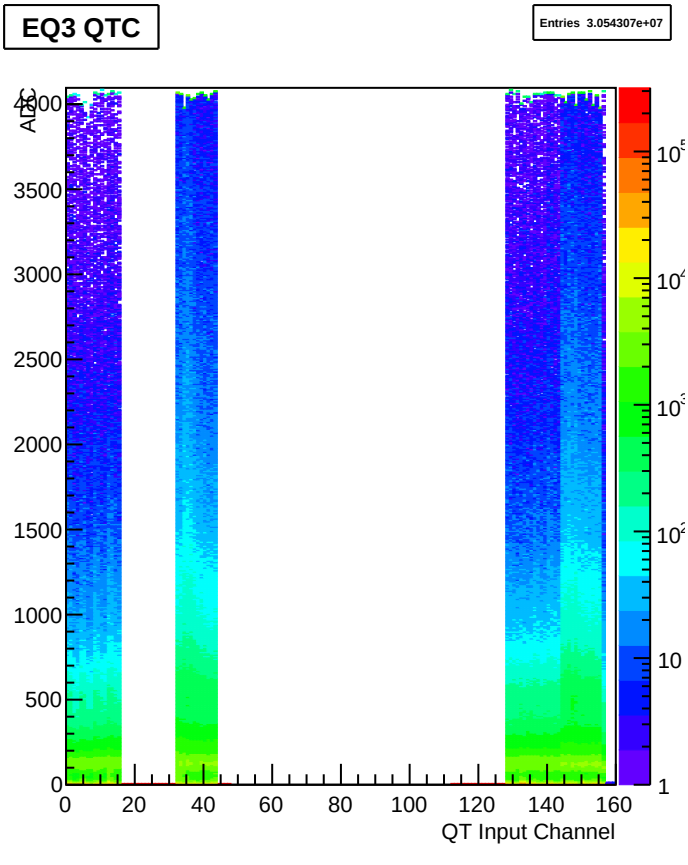

EQ2 QTB
Entries 3.114255e+07
TDC
QT Input Channel

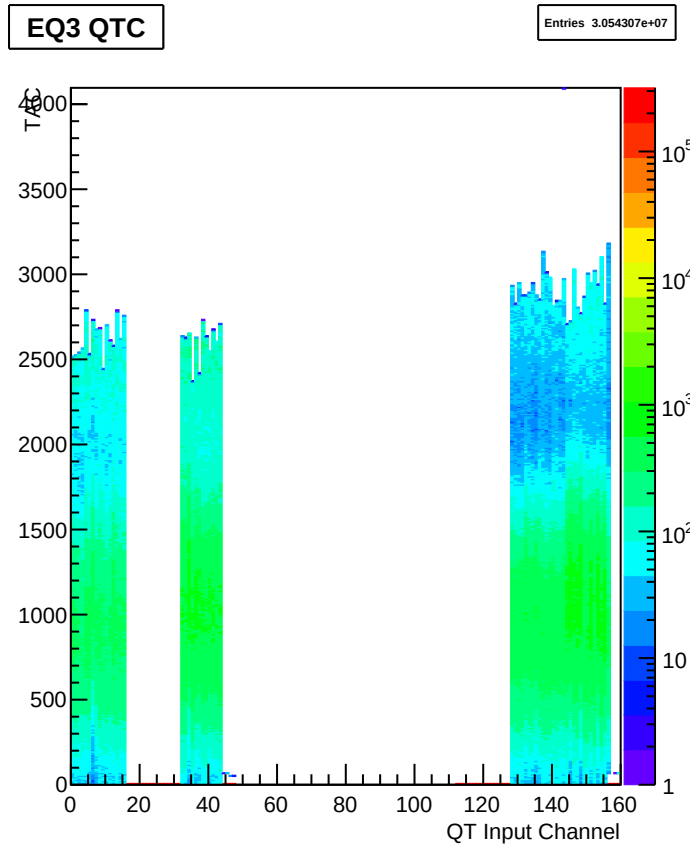

EQ2 QTC
Entries 3.054307e+07
ADC
QT Input Channel

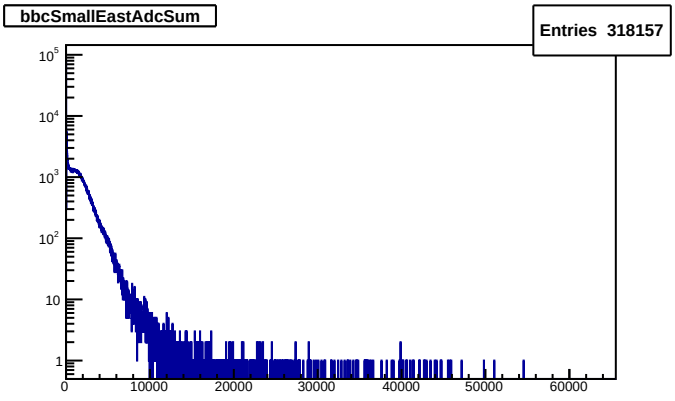

EQ2 QTC
Entries 3.054307e+07
TADC
QT Input Channel

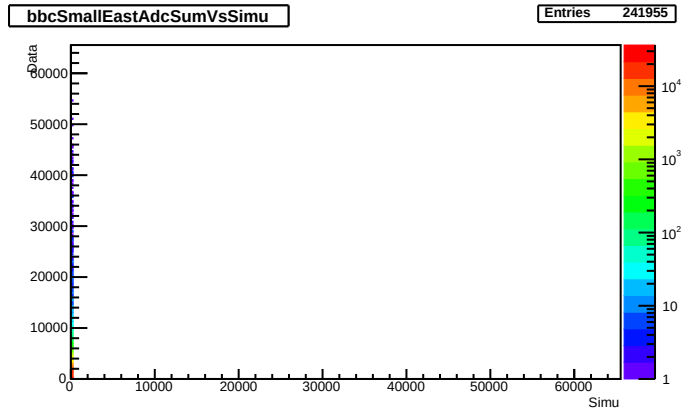

EQ3 QTB
Entries 8.144819e+07
ADC
QT Input Channel

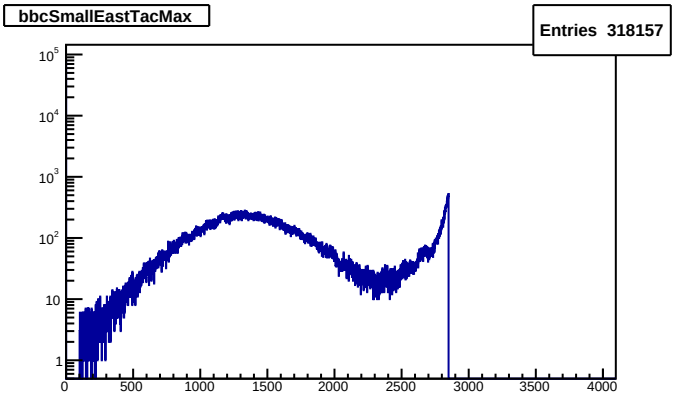

EQ3 QTB
Entries 2.490277e+07
TDC
QT Input Channel

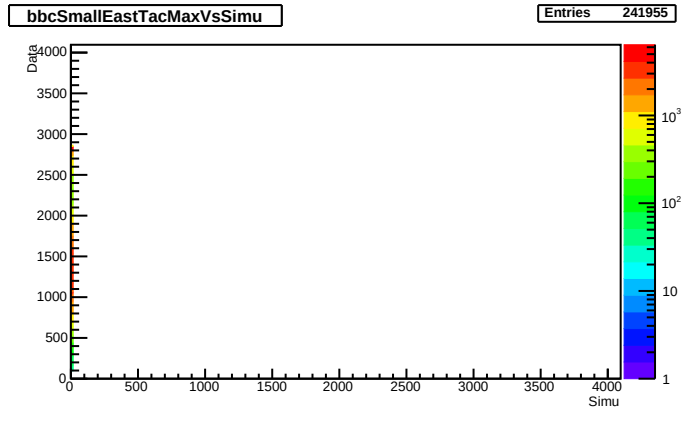

EQ3 QTC
Entries 3.054307e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.054307e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 318157


bbcSmallEastAdcSumVsSimu
Entries 241955
Data
Simu


bbcSmallEastTacMax
Entries 318157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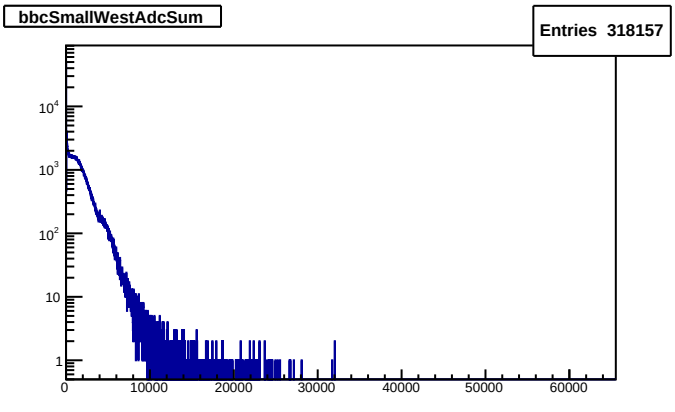
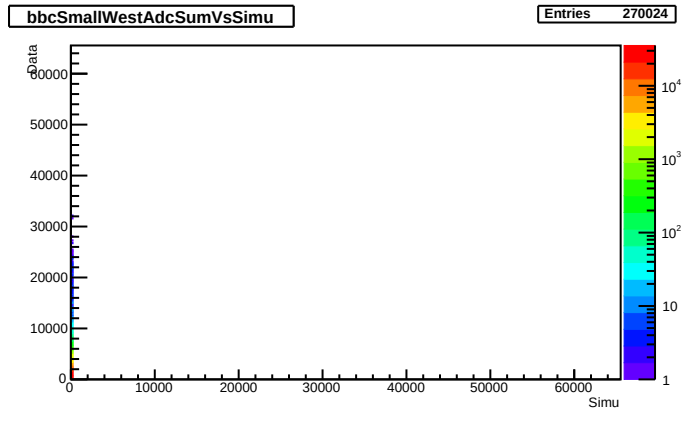
Entries 241955
Data
Simu


bbcSmallWestAdcSum
Entries 318157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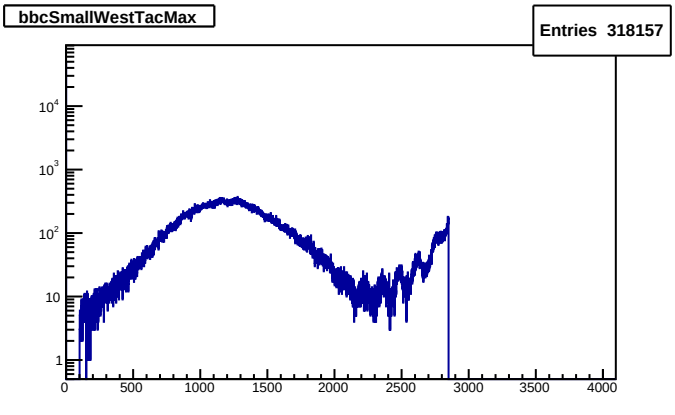
Entries 270024
Data
Simu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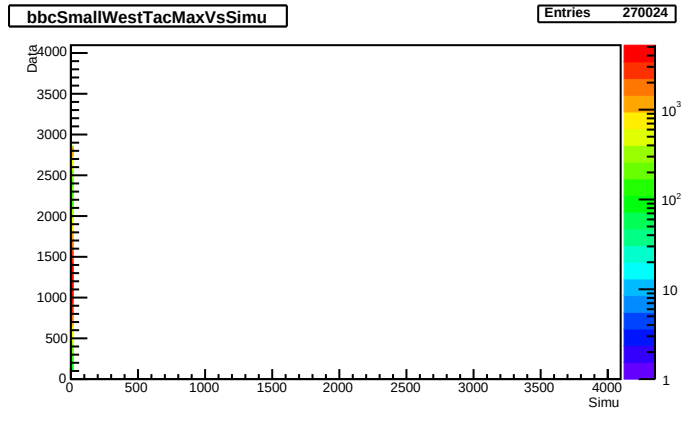
Entries 318157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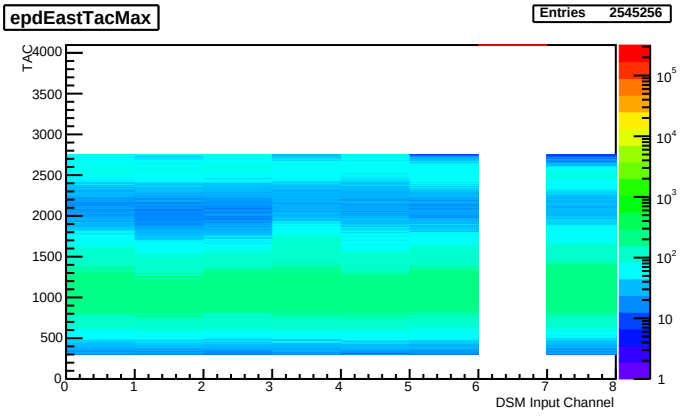
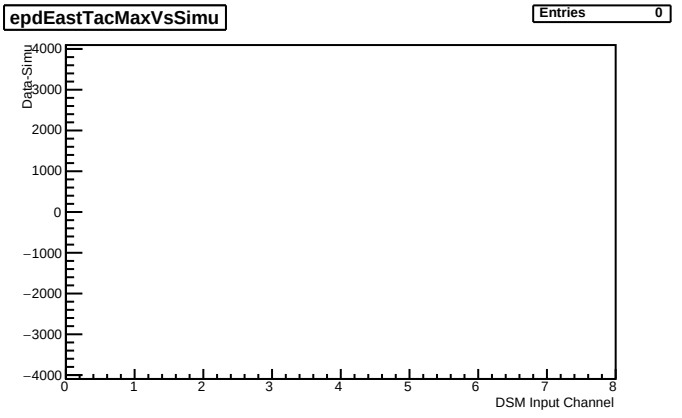
Entries 270024
Data
Simu


epdEastTacMax
Entries 2545256
TAC
DSM Input Channel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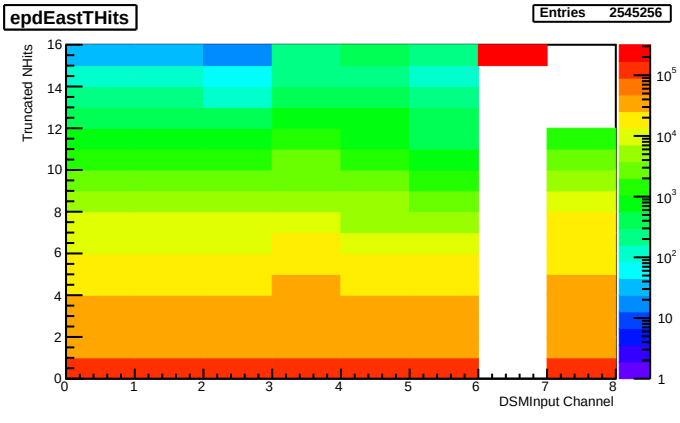
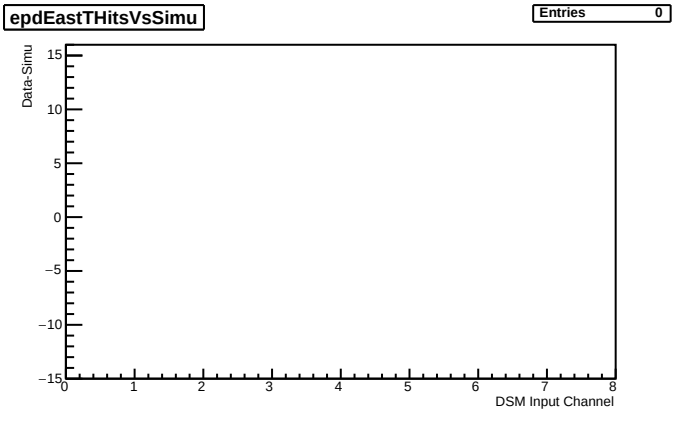
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2545256
Truncated NHits
DSMInput Channel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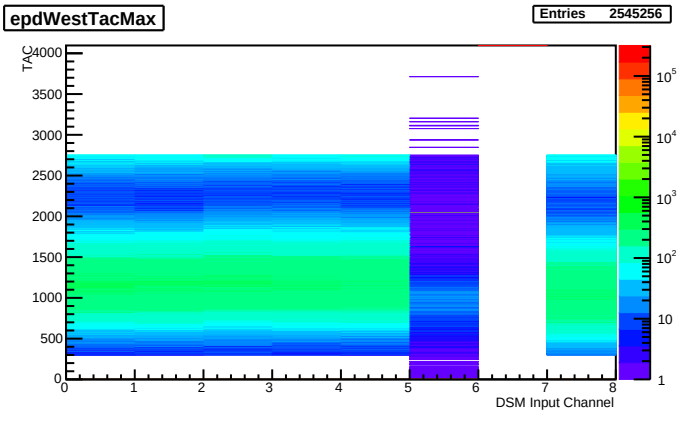
Data-Simu
DSM Input Channel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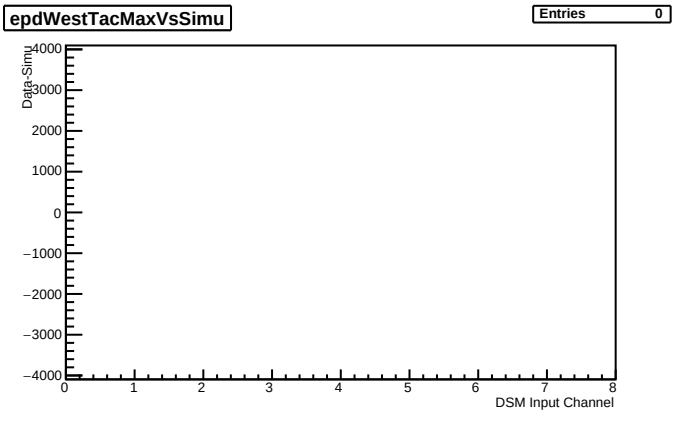
Entries 2545256
TAC
DSM Input Channel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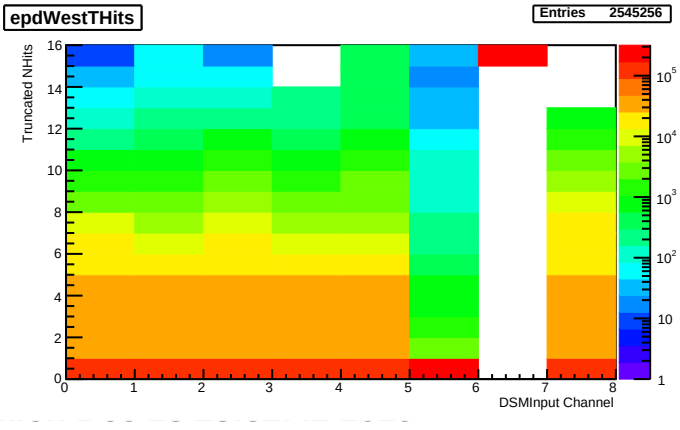
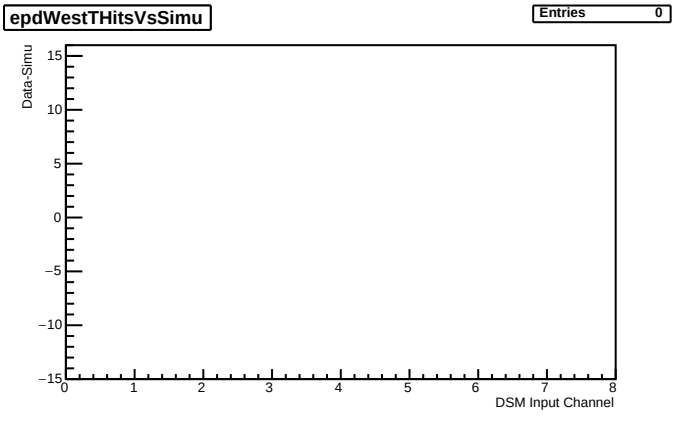
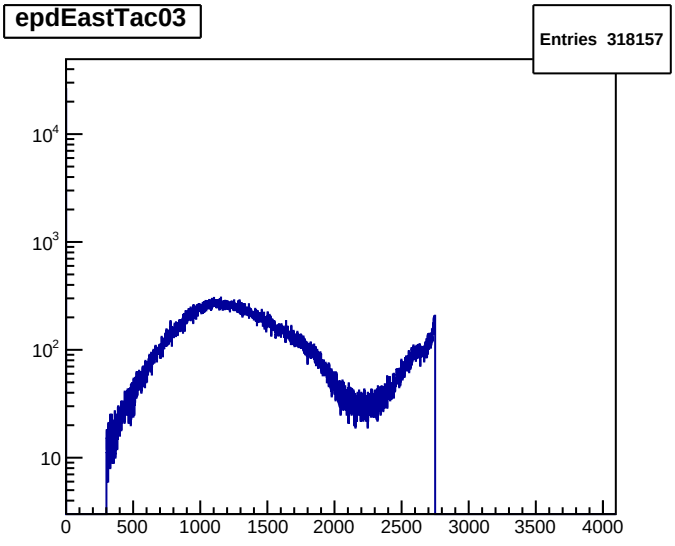
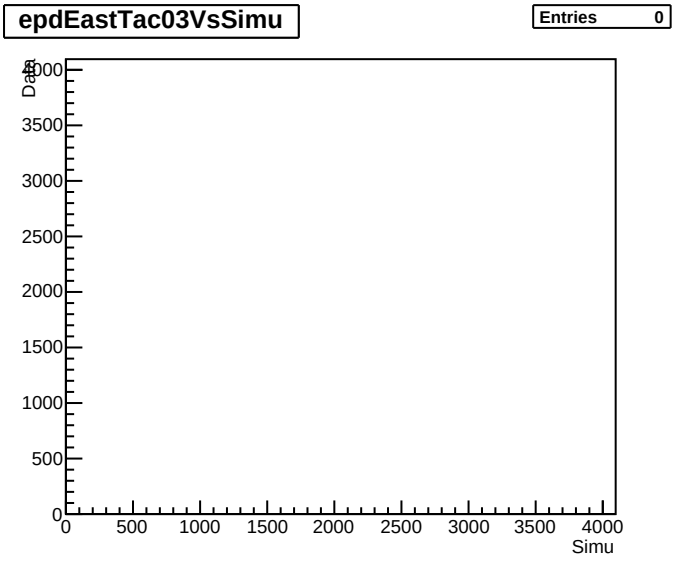
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2545256
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 318157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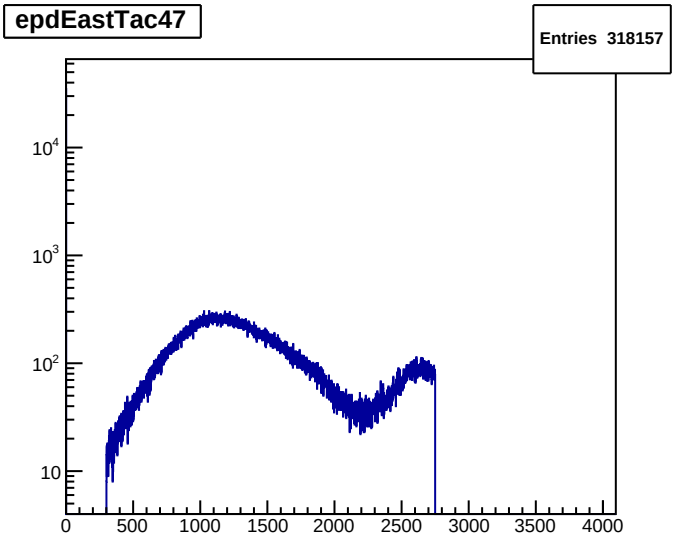
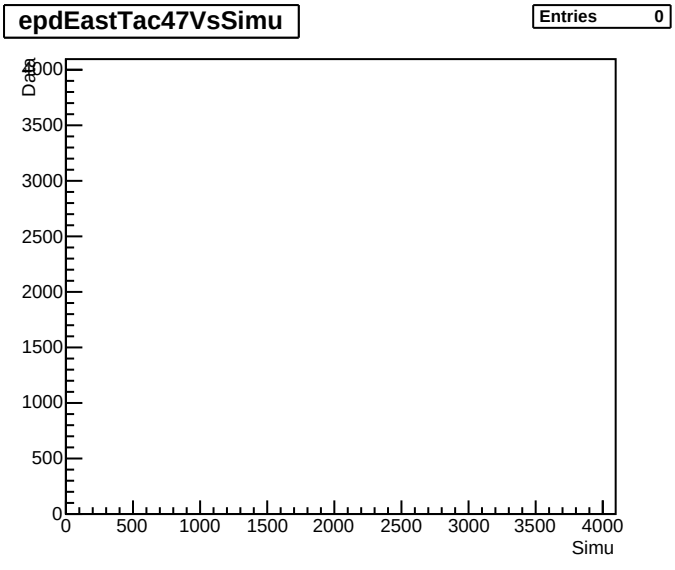
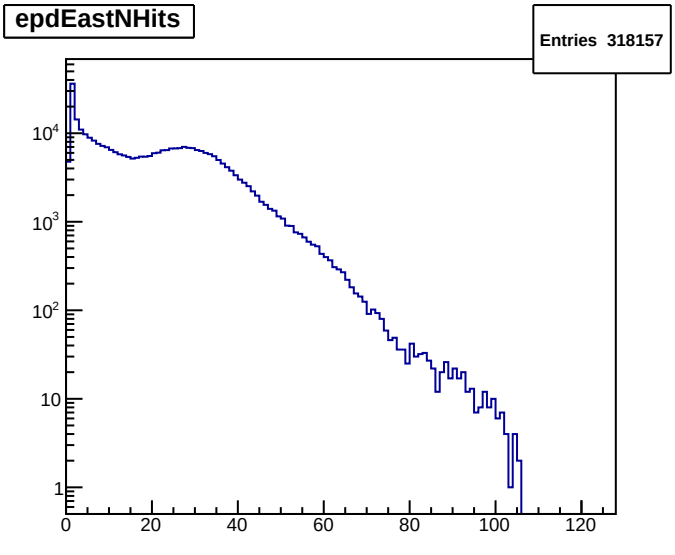
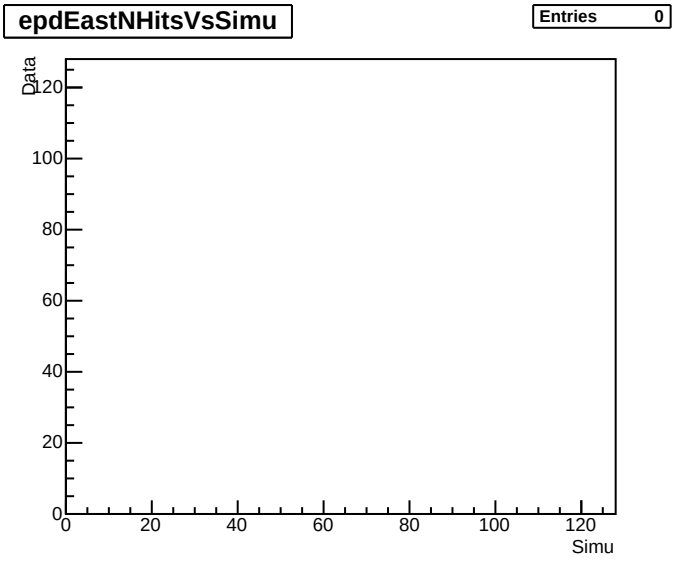
Entries 0
Data
Simu


epdEastTac47
Entries 318157


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 318157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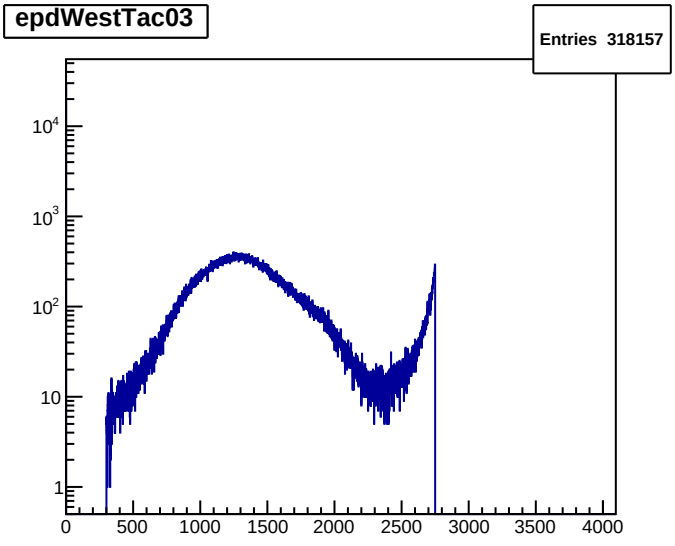
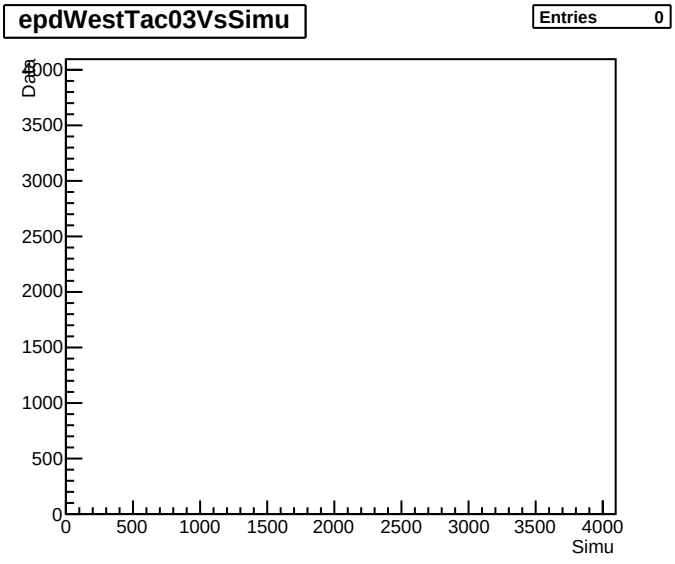
Entries 0
Data
Simu


epdWestTac03
Entries 318157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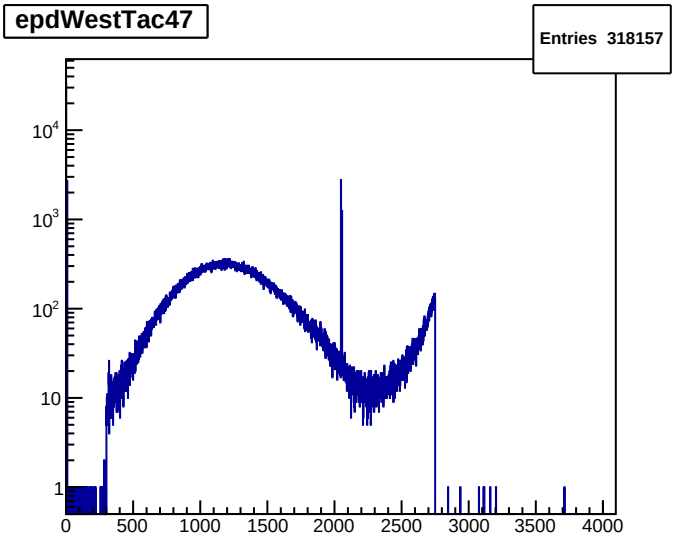
Entries 0
Data
Simu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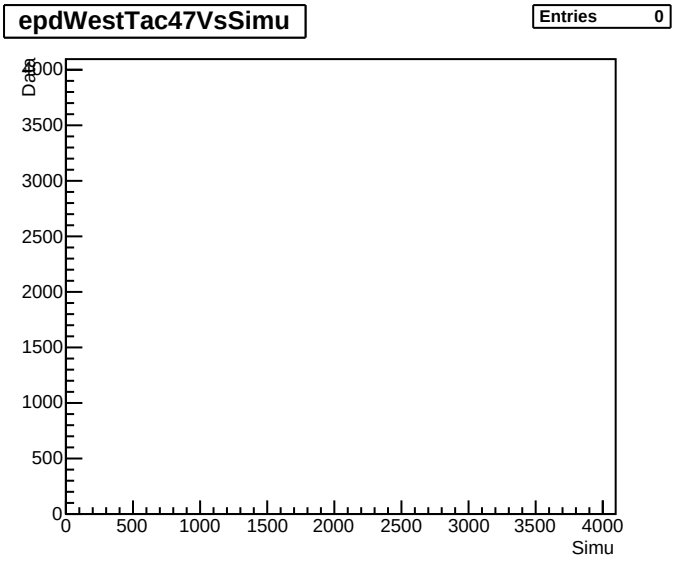
Entries 318157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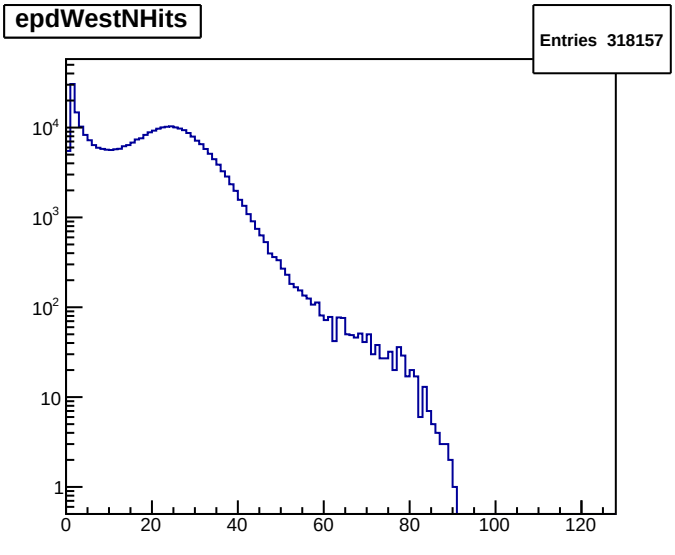
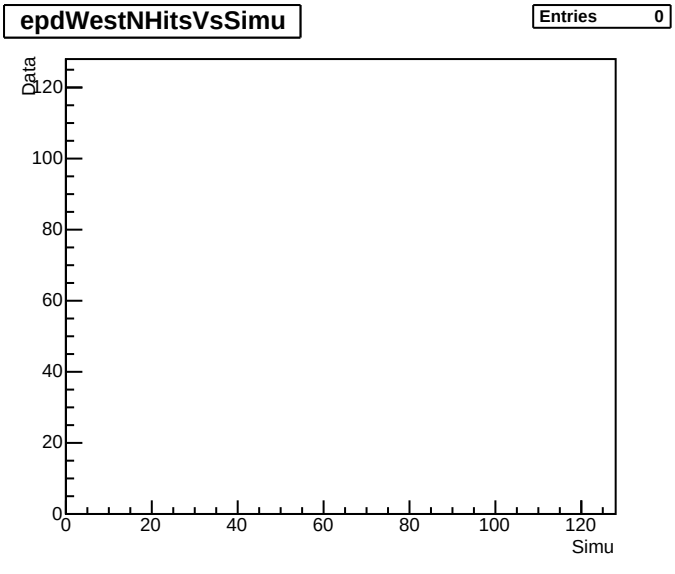
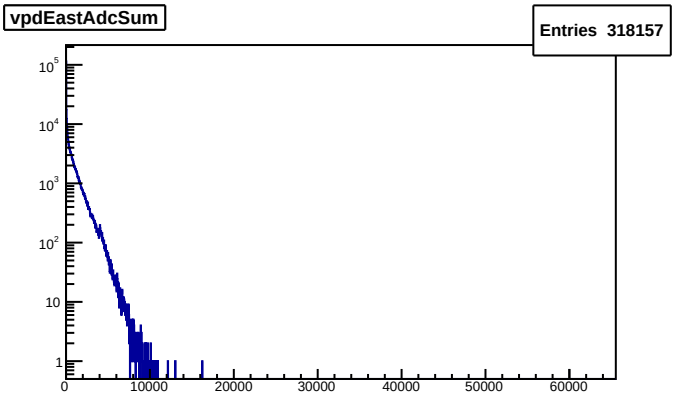
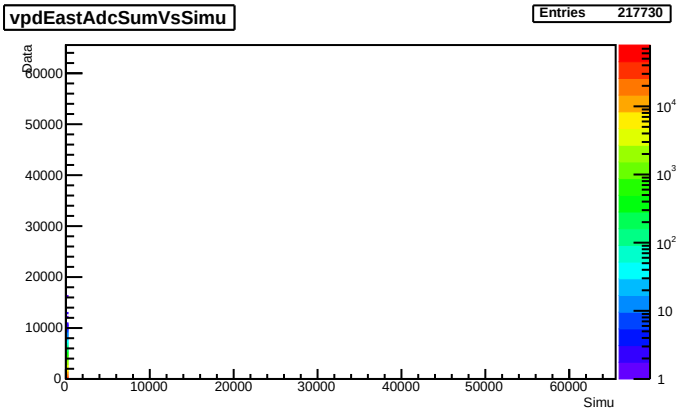
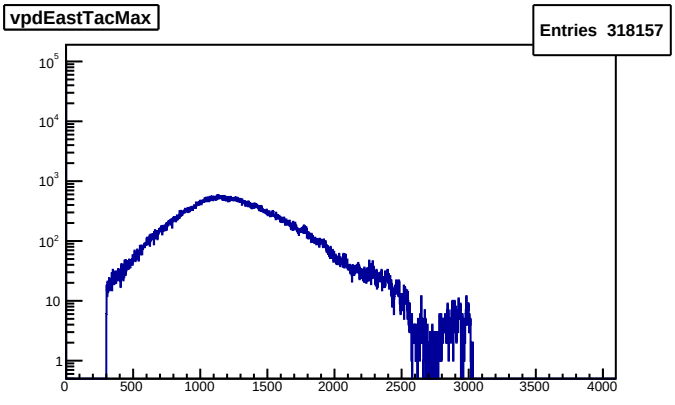
Entries 0
Data
Simu

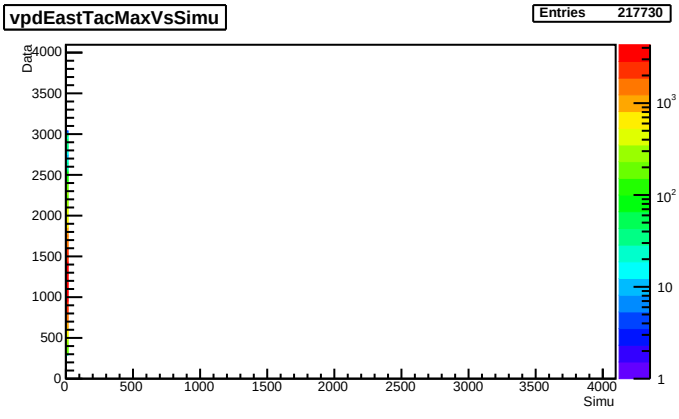

epdWestNHits
Entries 318157

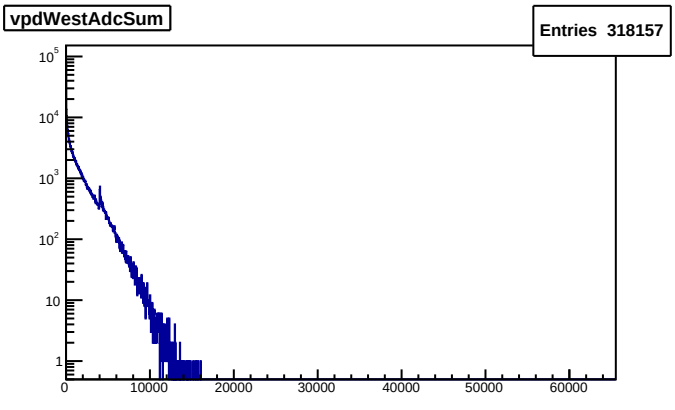

epdWestNHitsVsSimu
Entries 0
Data
Simu

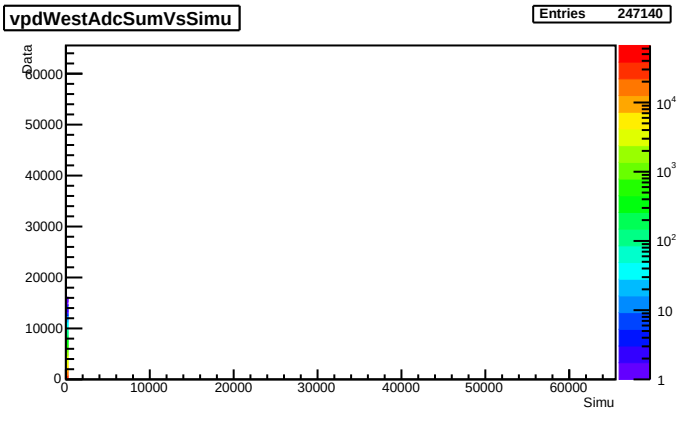

vpdEastAdcSum
Entries 318157

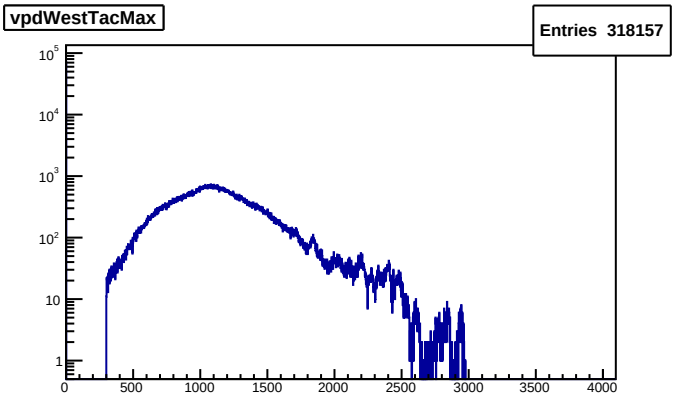

vpdEastAdcSumVsSimu
Entries 217730
Data
Simu

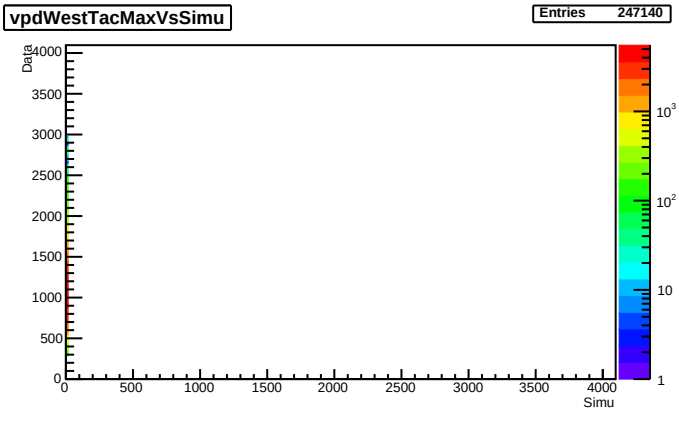

vpdEastTacMax
Entries 318157

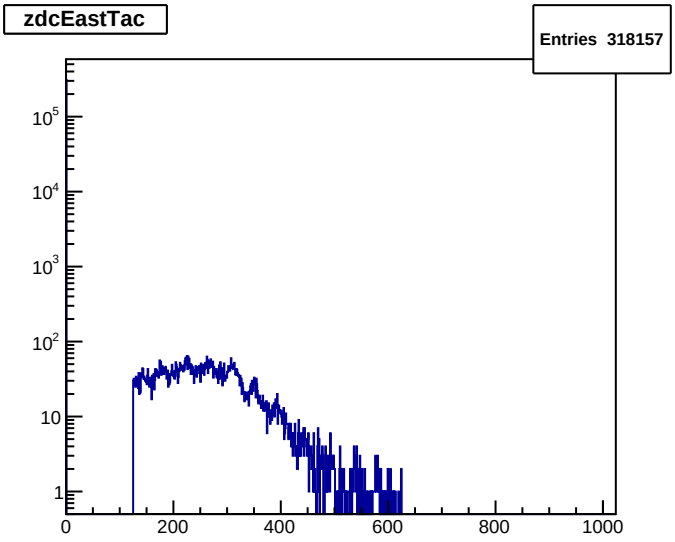

vpdEastTacMaxVsSimu
Entries 217730
Data
Simu

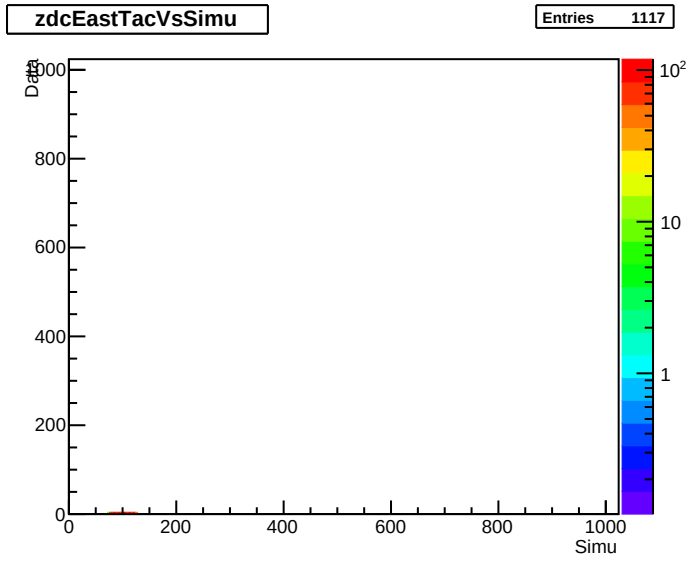

vpdWestAdcSum
Entries 318157

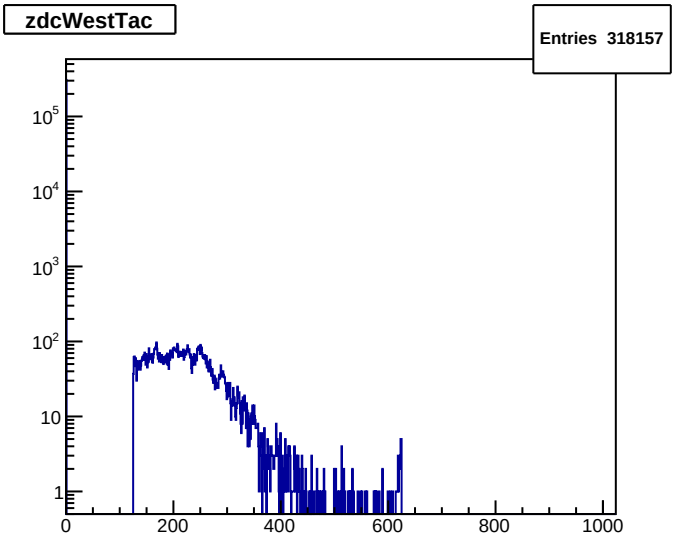

vpdWestAdcSumVsSimu
Entries 247140
Data
Simu

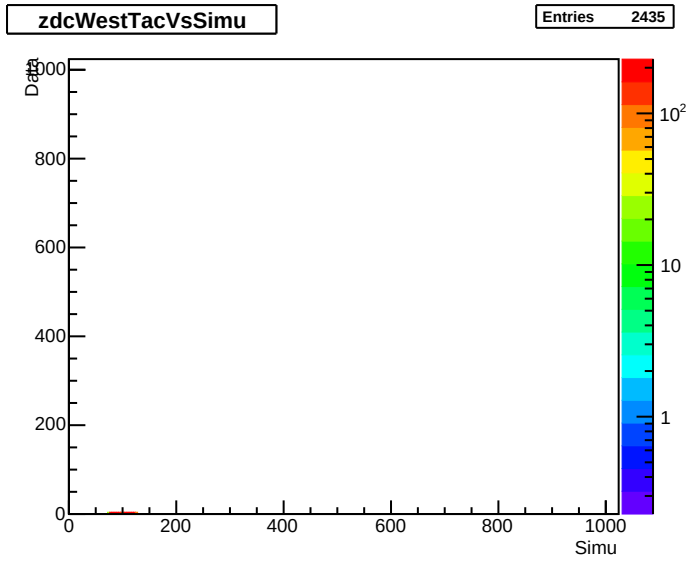

vpdWestTacMax
Entries 318157

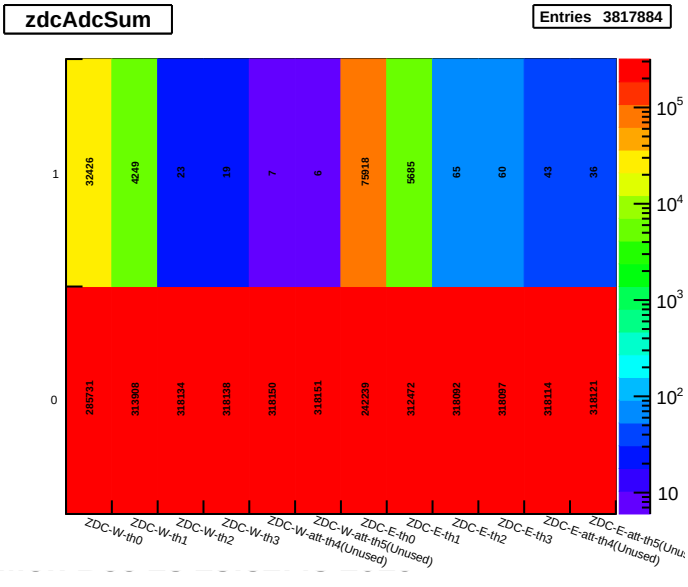

vpdWestTacMaxVsSimu
Entries 247140
Data
Simu

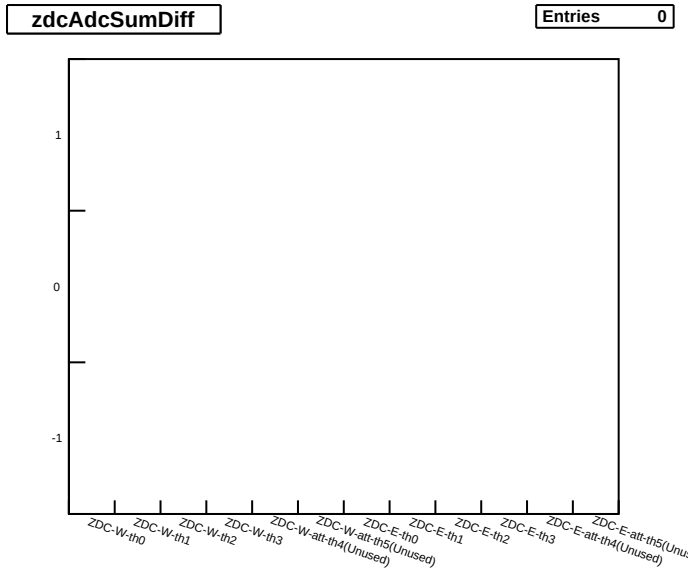

zdcEastTac
Entries 318157

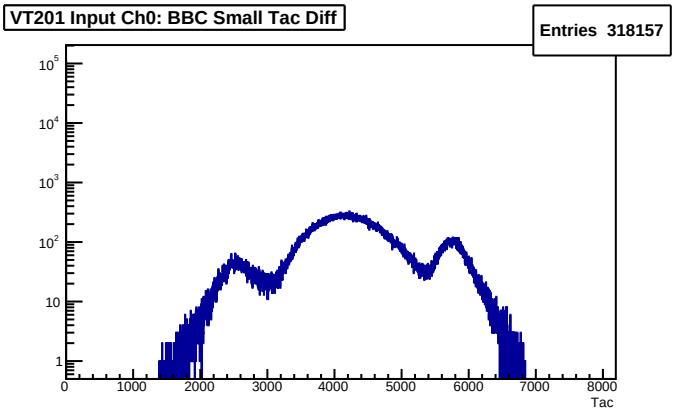

zdcEastTacVsSimu
Entries 1117
Data
Simu

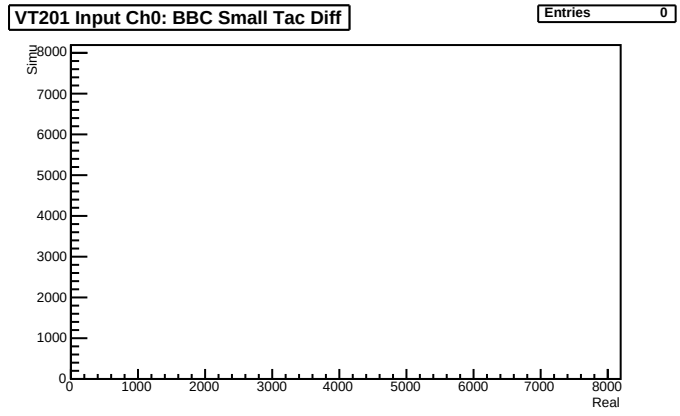

zdcWestTac
Entries 318157

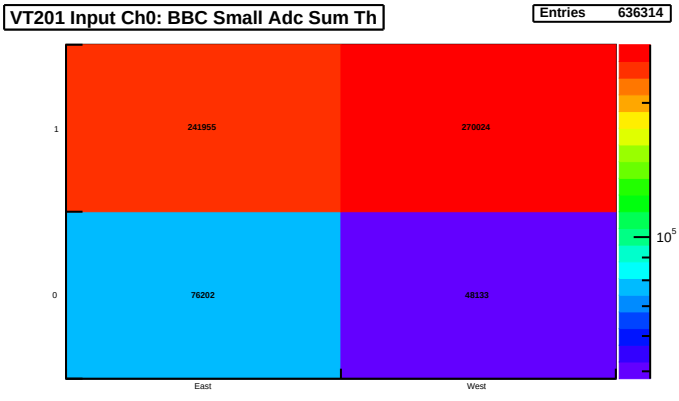

zdcWestTacVsSimu
Entries 2435
Data
Simu

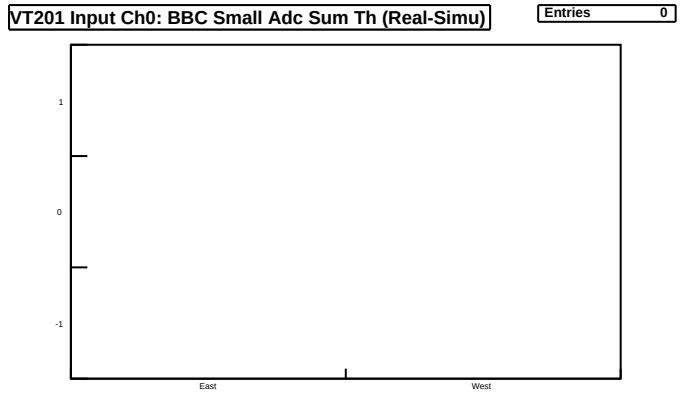

zdcAdcSum
Entries 3817884
32426
4249
23
19
7
6
79918
5685
65
60
43
36
285731
313908
318134
318138
318150
318151
242239
312472
318092
318097
318114
318121
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

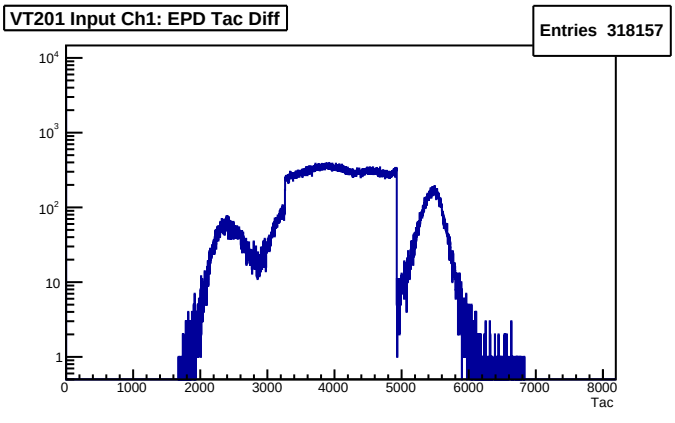

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

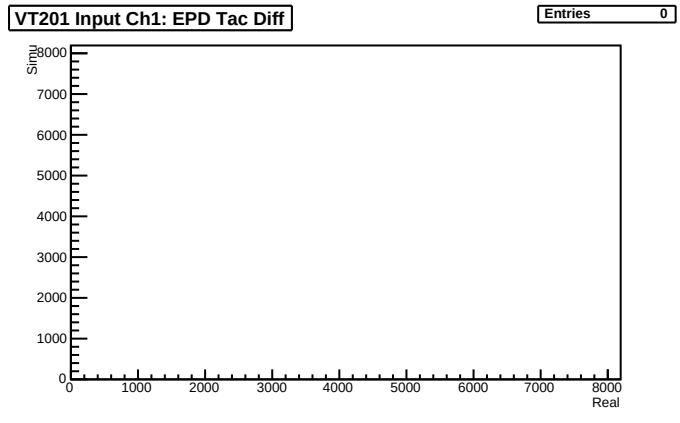

VT201 Input Ch0: BBC Small Tac Diff
Entries 318157
Tac

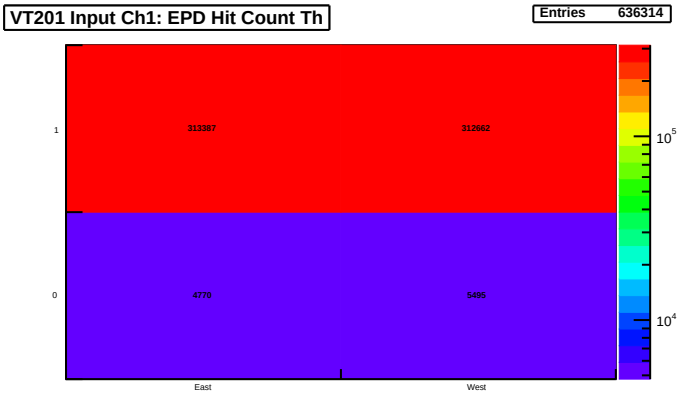

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

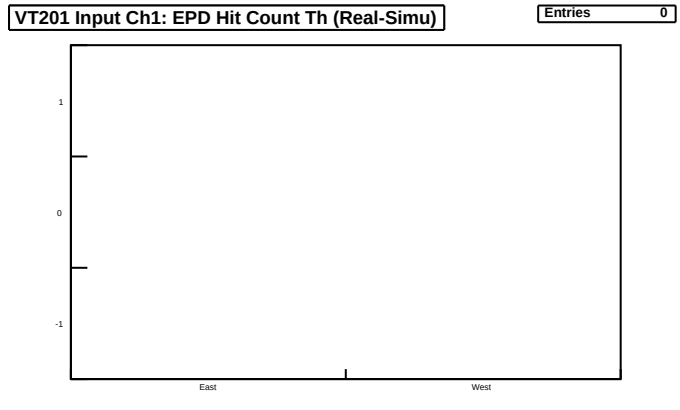

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 636314
241955
270024
76202
48133
East
West

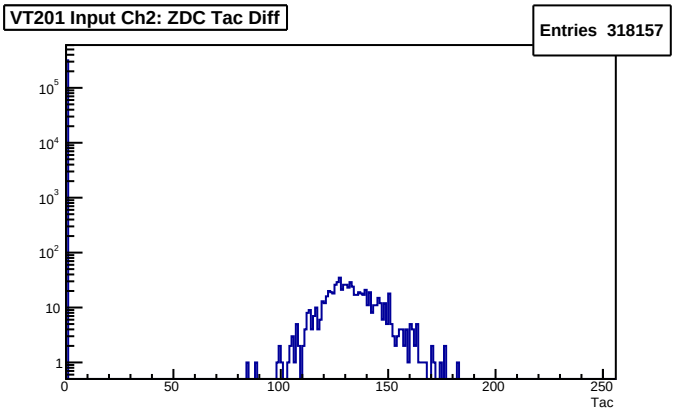

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

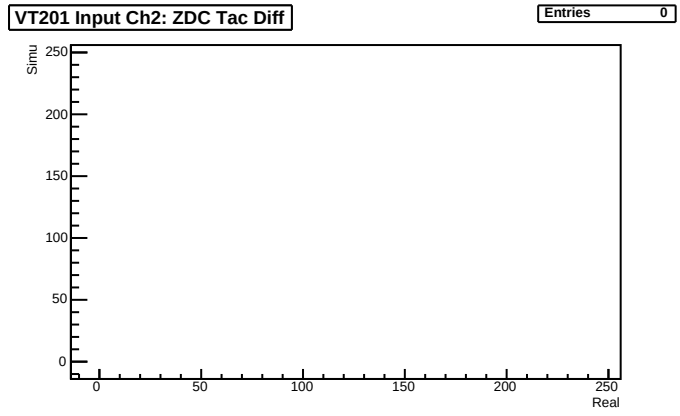

VT201 Input Ch1: EPD Tac Diff
Entries 318157
Tac

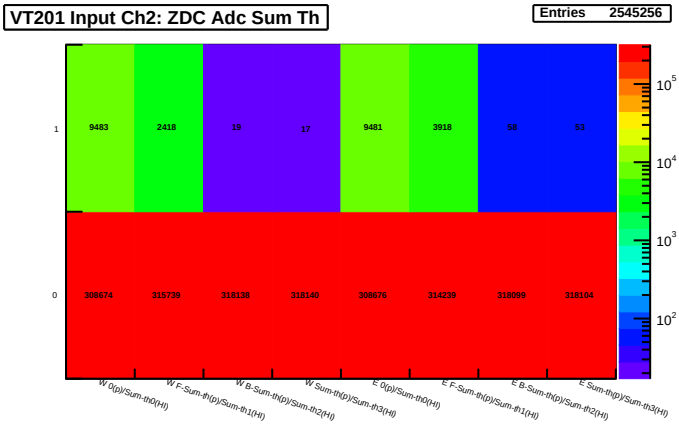

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

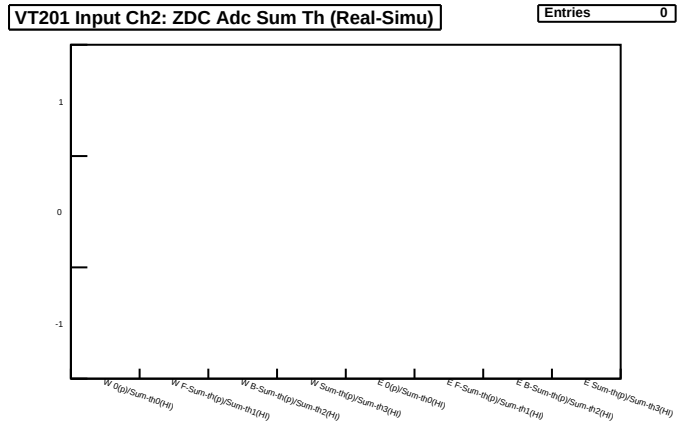

VT201 Input Ch1: EPD Hit Count Th
Entries 636314
313397
312662
4770
5495
East
West

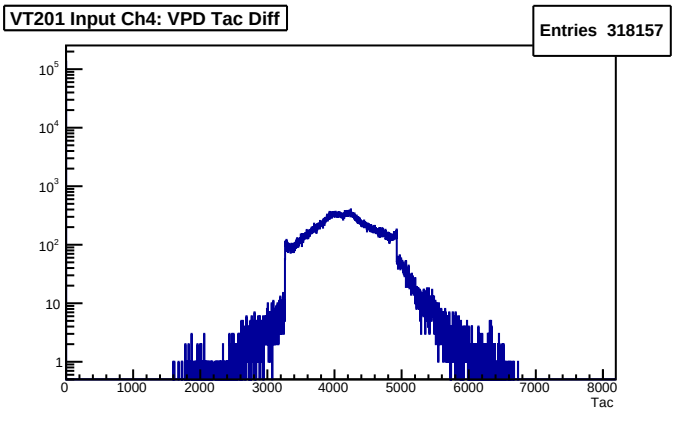

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

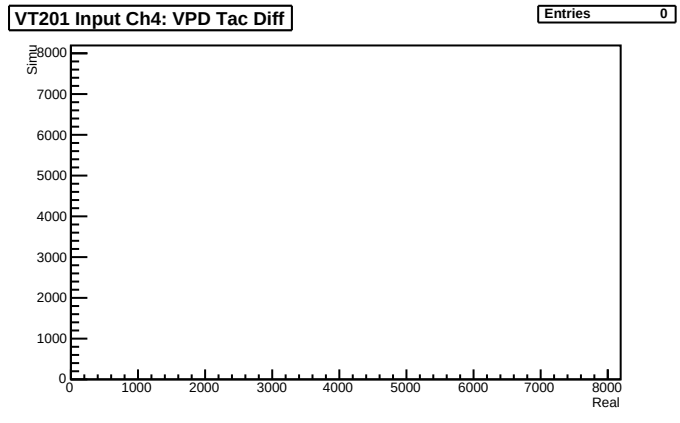

VT201 Input Ch2: ZDC Tac Diff
Entries 318157
Tac

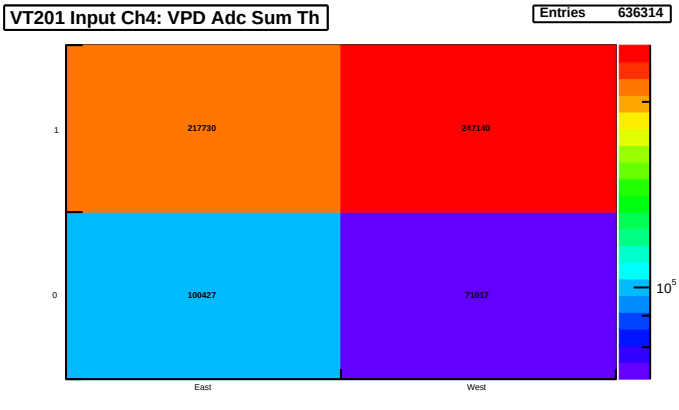

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

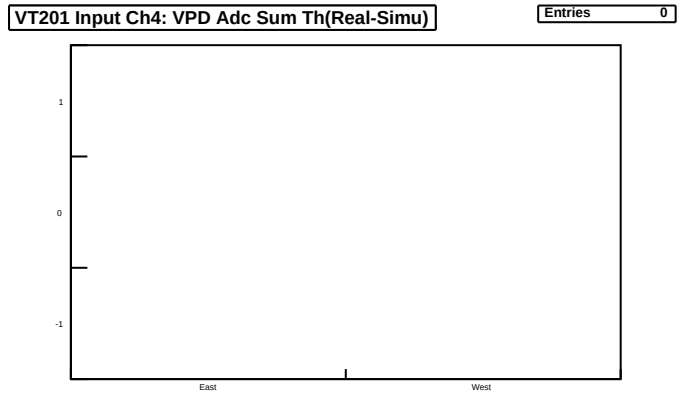

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2545256
9483
2418
19
17
9481
3918
58
53
308674
315739
318138
318140
308676
314239
318099
318104
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

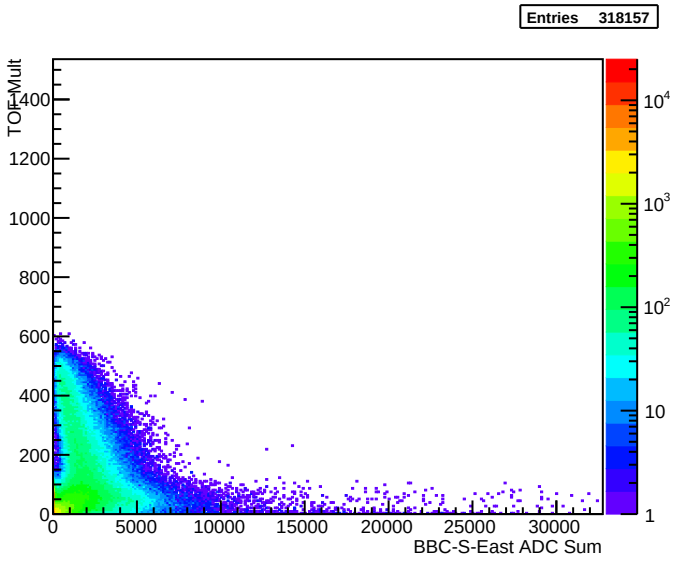

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

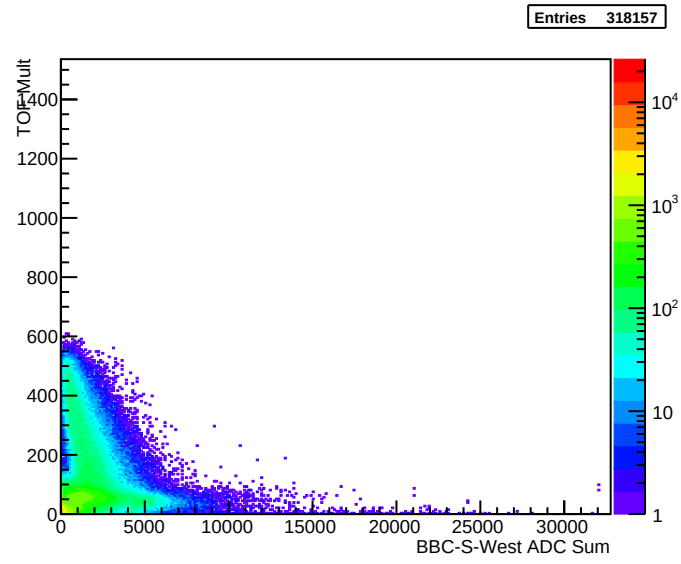

VT201 Input Ch4: VPD Tac Diff
Entries 318157
Tac

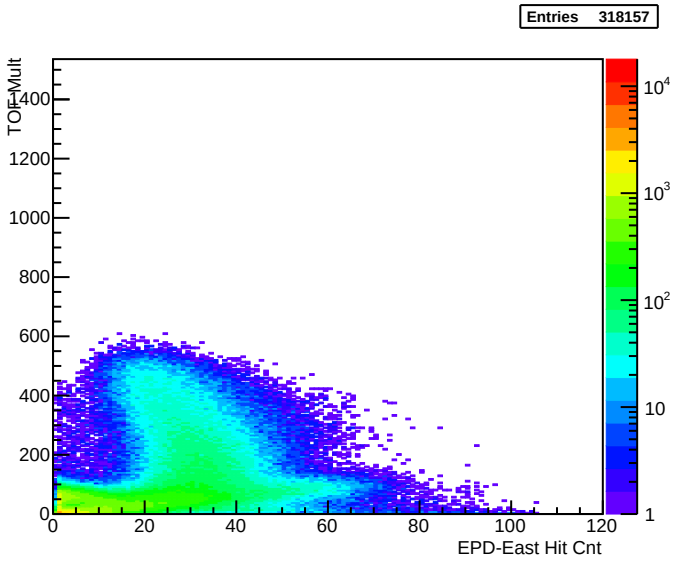

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

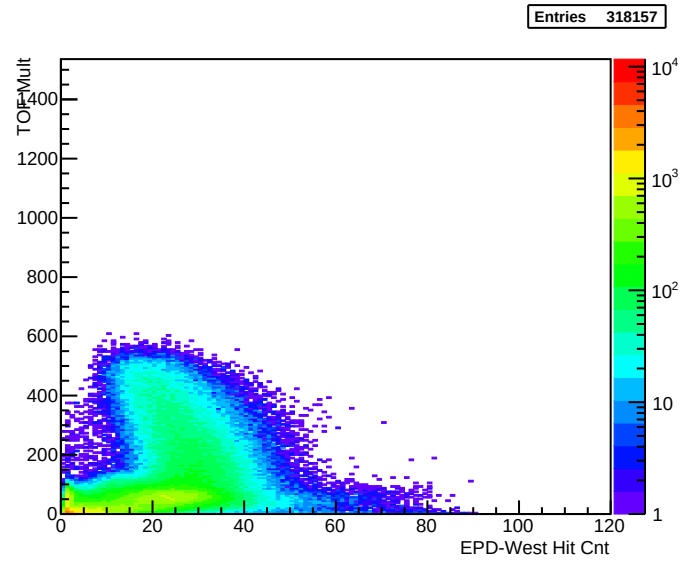

VT201 Input Ch4: VPD Adc Sum Th
Entries 636314
217730
247140
100427
71017
East
West

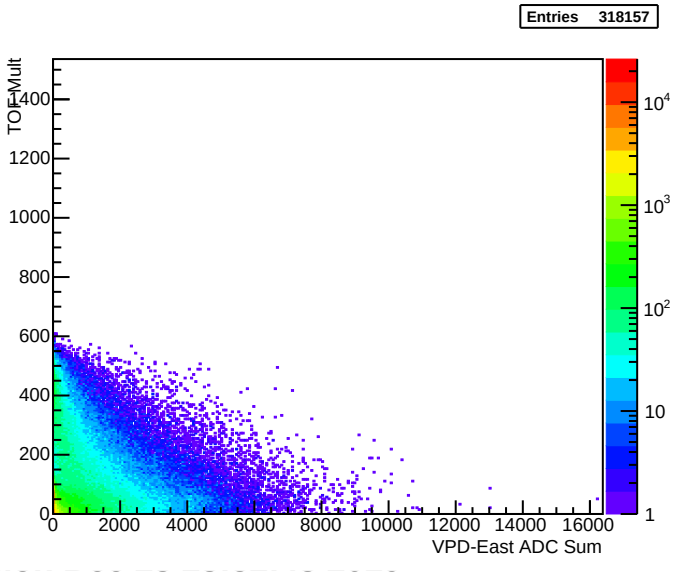

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

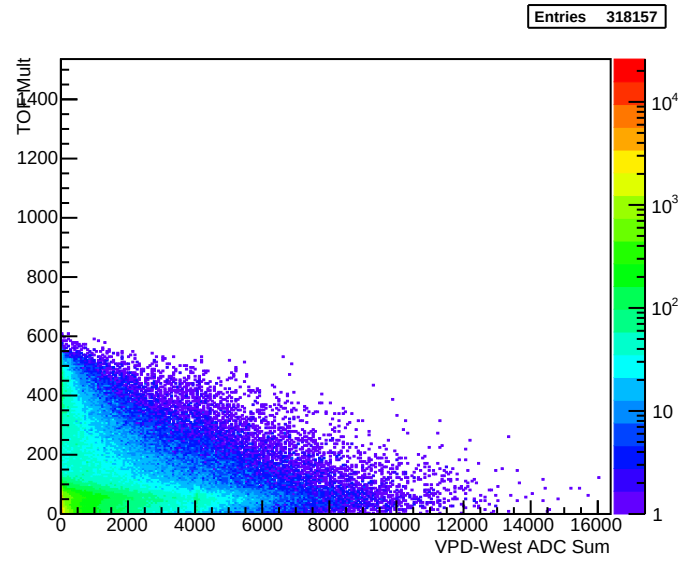

Entries 318157
TOF-Mult
BBC-S-East ADC Sum

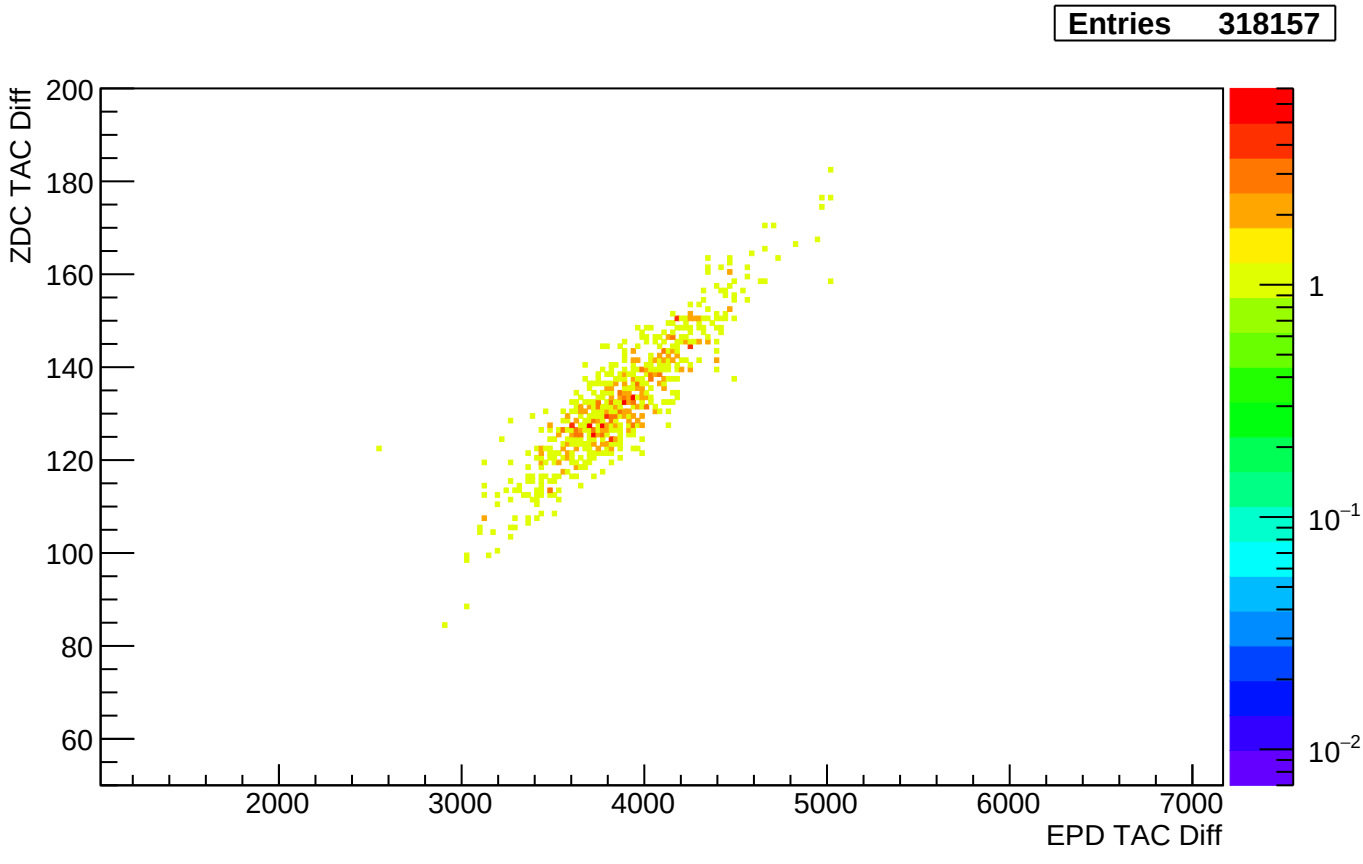

Entries 318157
TOF-Mult
BBC-S-West ADC Sum

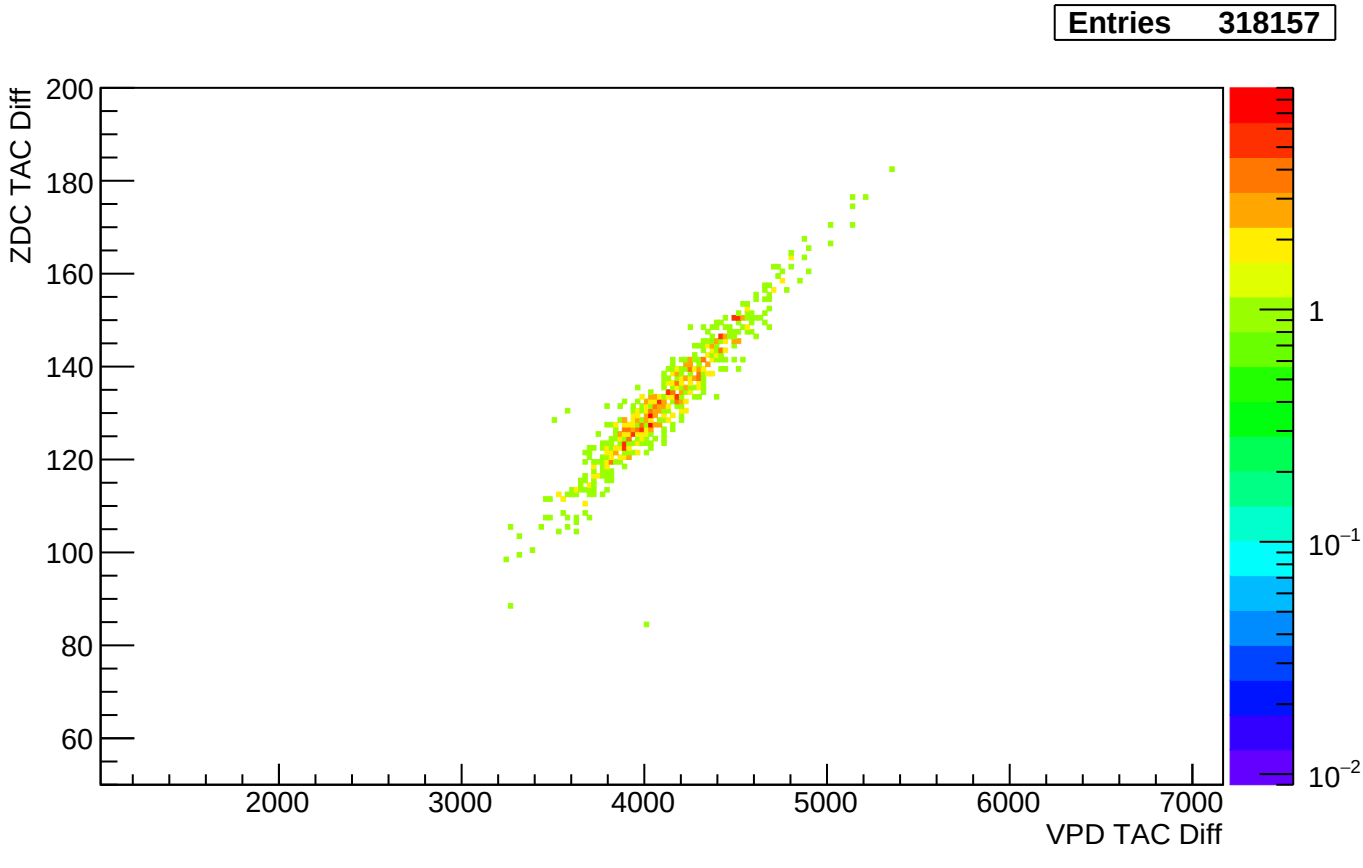

Entries 318157
TOF-Mult
EPD-East Hit Cnt

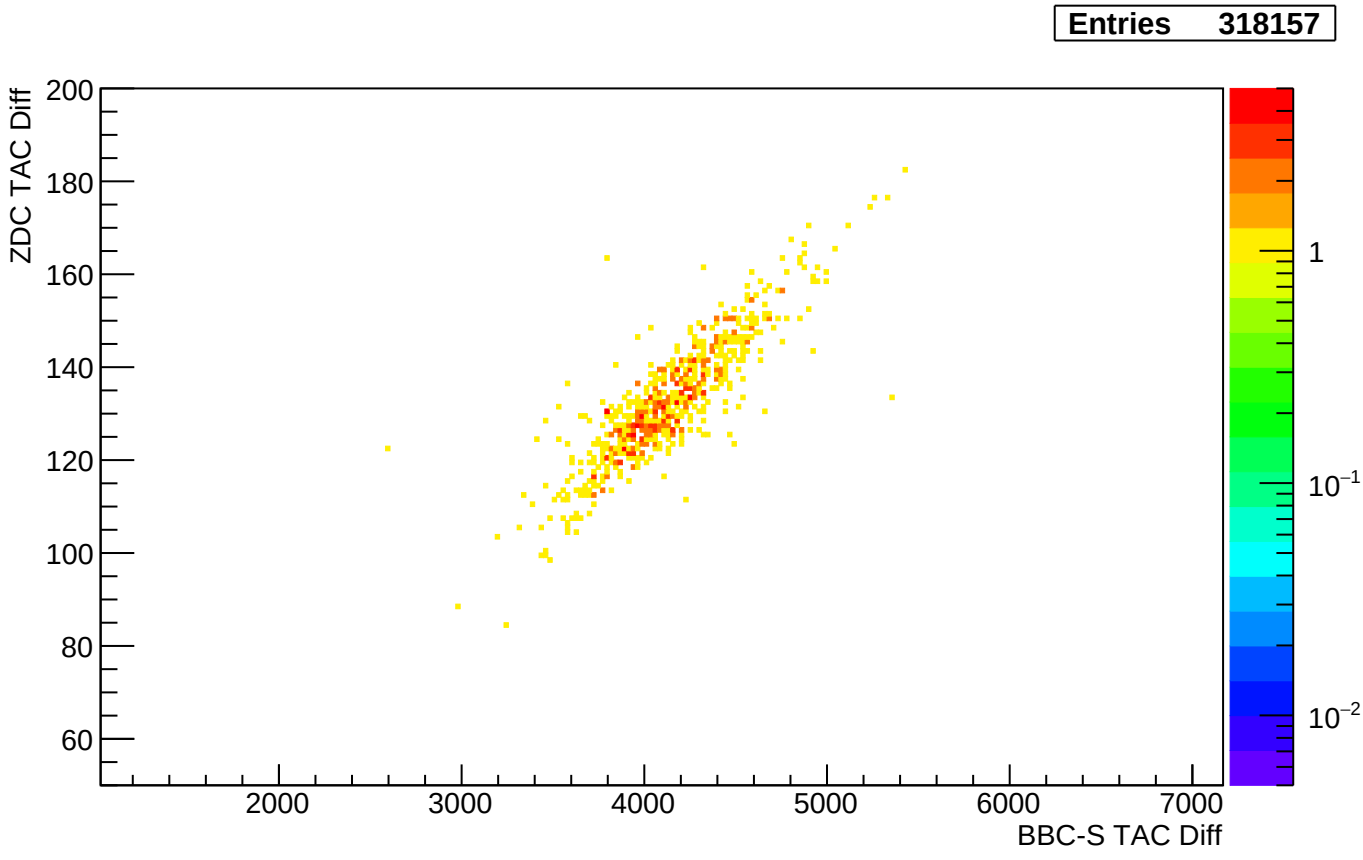

Entries 318157
TOF-Mult
EPD-West Hit Cnt

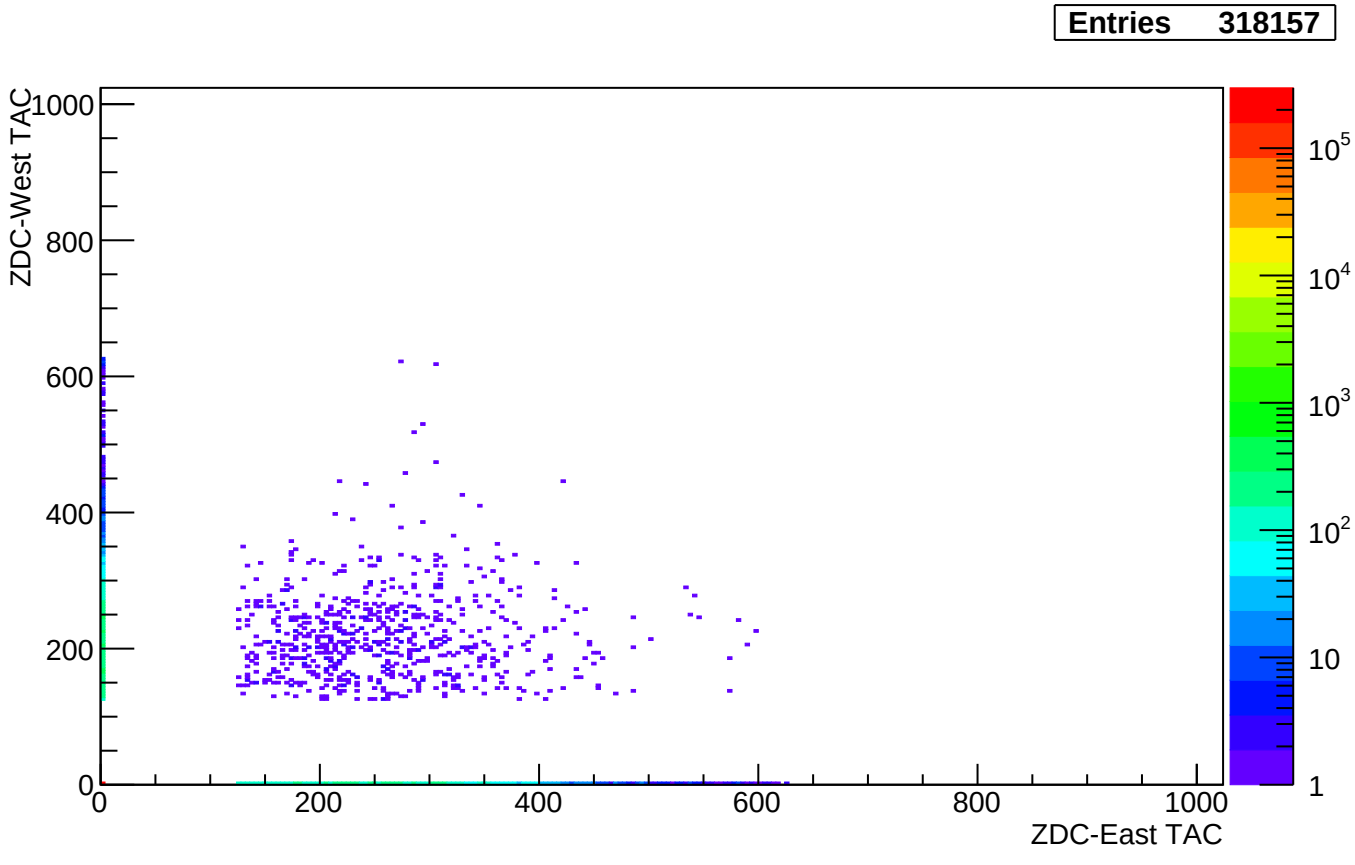

Entries 318157
TOF-Mult
VPD-East ADC Sum

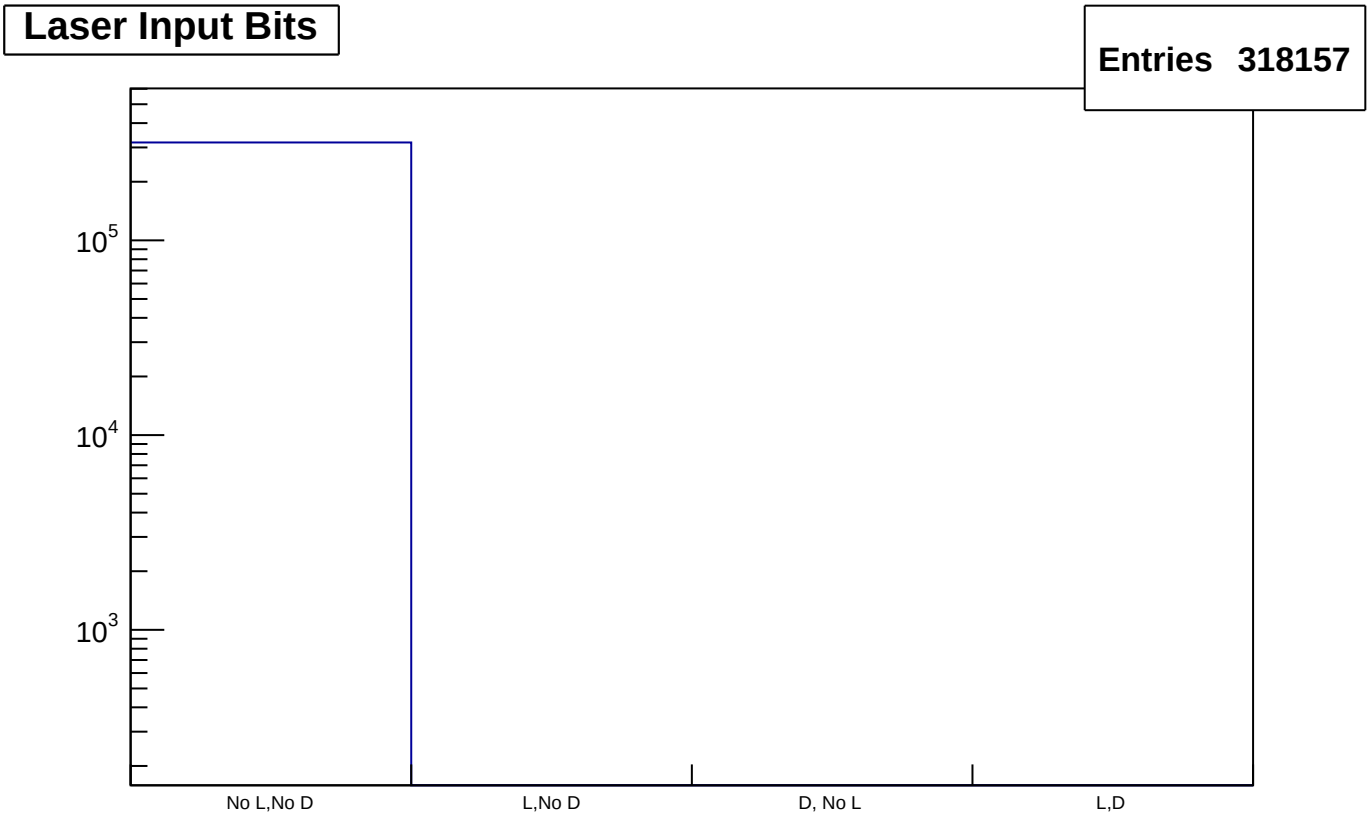

Entries 318157
TOF-Mult
VPD-West ADC Sum

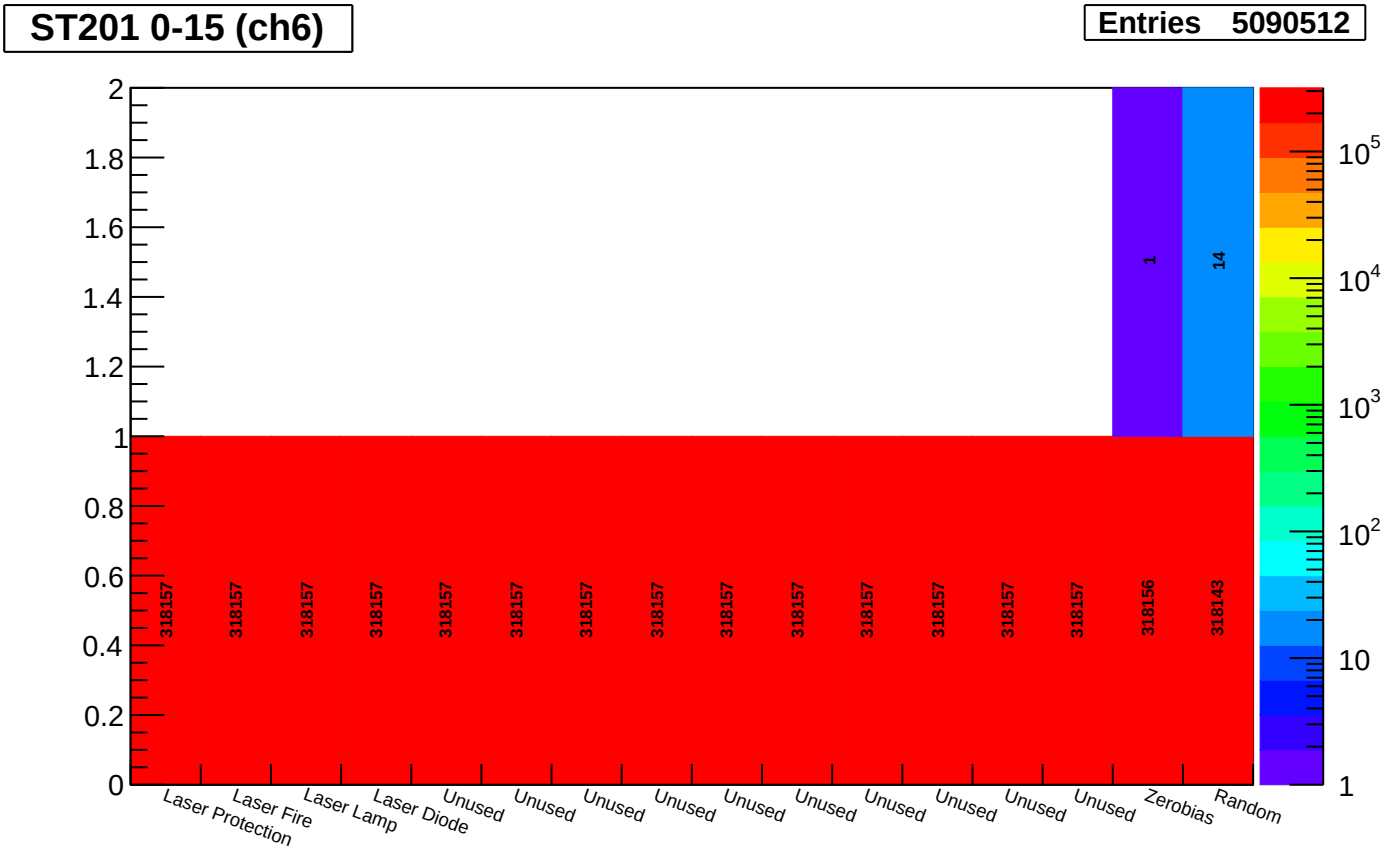

Entries 318157
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

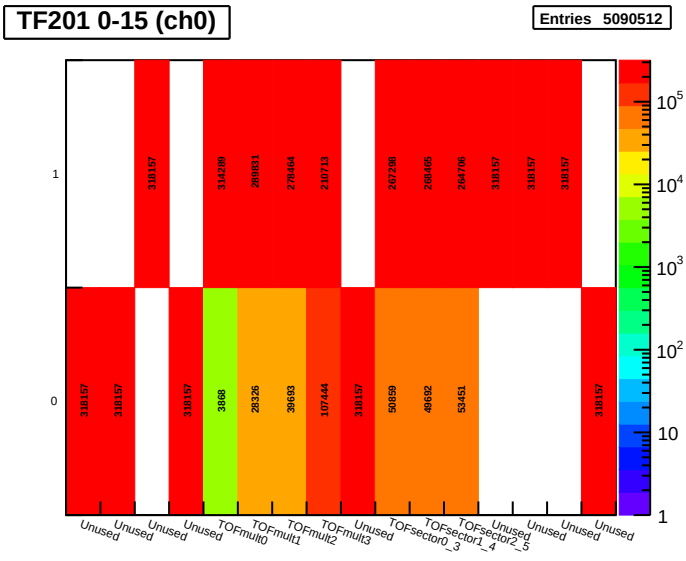

Entries 318157
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

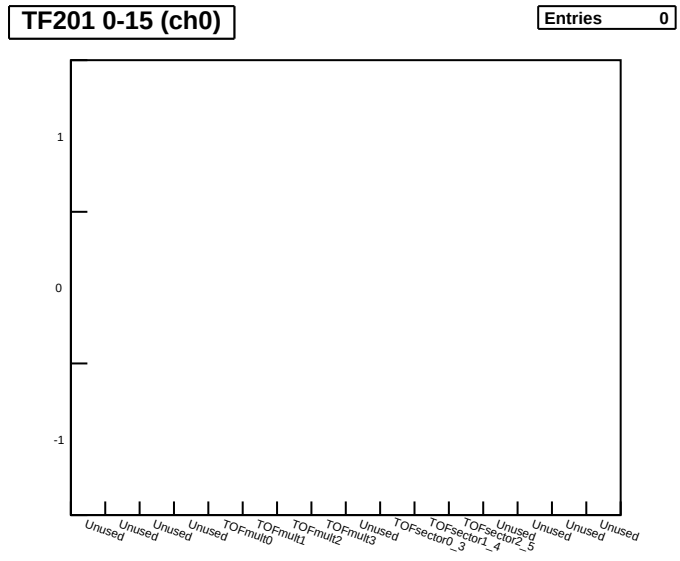

Entries 318157
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

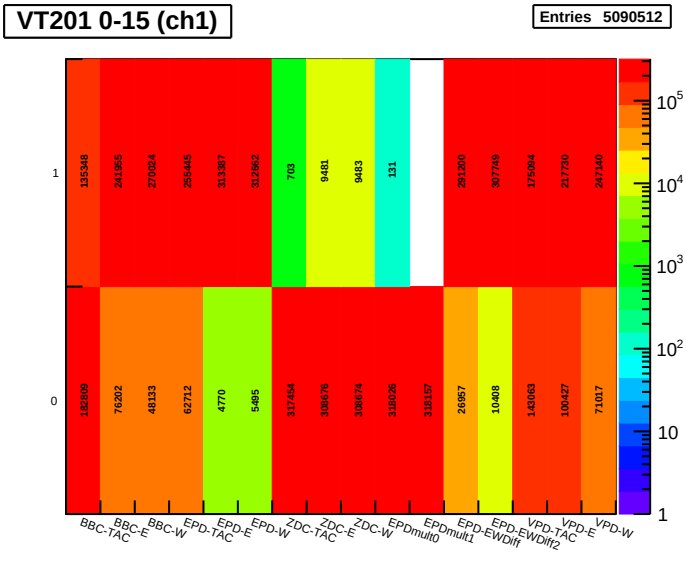

Entries 318157
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

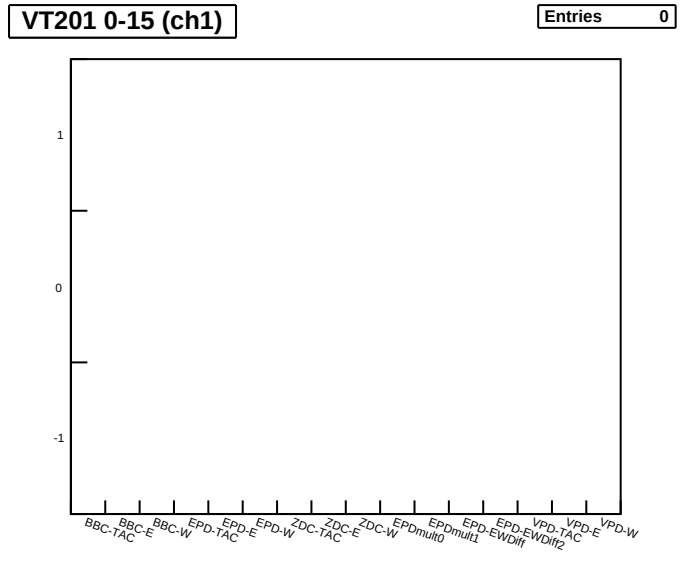

Laser Input Bits
Entries 318157
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

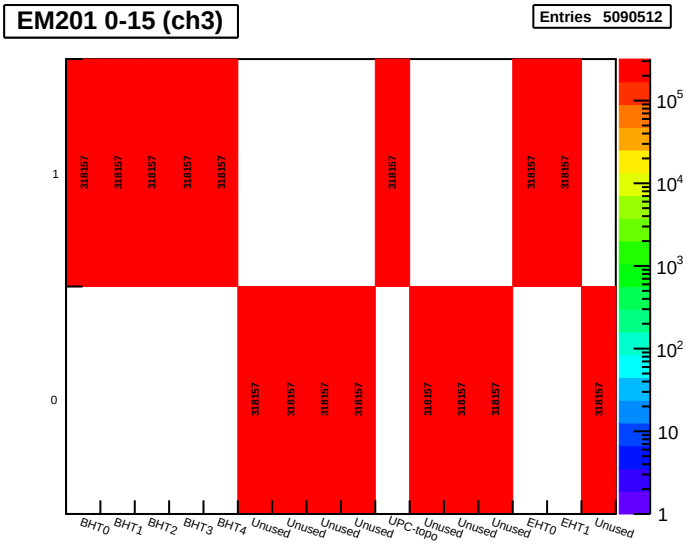

ST201 0-15 (ch6)
Entries 5090512
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
318157
318157
318157
318157
318157
318157
318157
318157
318157
318157
318157
318157
318157
318157
318156
318143
1
14
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

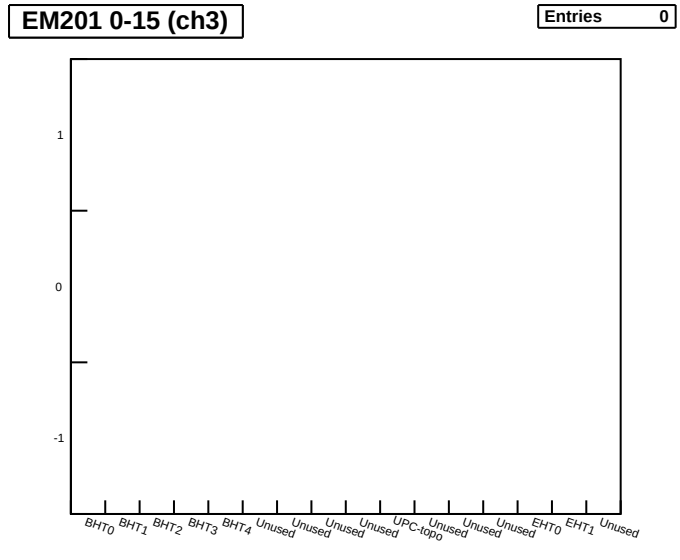

TF201 0-15 (ch0)
Entries 5090512
1
0
318157 318157 318157 314289 293831 278464 210713 267298 269465 264706 318157 318157 318157
318157 318157 318157 3868 28326 39693 107444 318157 50899 49692 53451 318157
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 5090512
1
0
135348 241955 270024 255445 313387 312652 703 9481 9483 131 291200 307749 175094 217730 247140
182809 76202 48133 62712 4770 5495 317454 308676 308674 318026 318157 26957 10408 143063 100427 71017
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 5090512
1
0
318157 318157 318157 318157 318157 318157 318157 318157
318157 318157 318157 318157 318157 318157 318157 318157
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