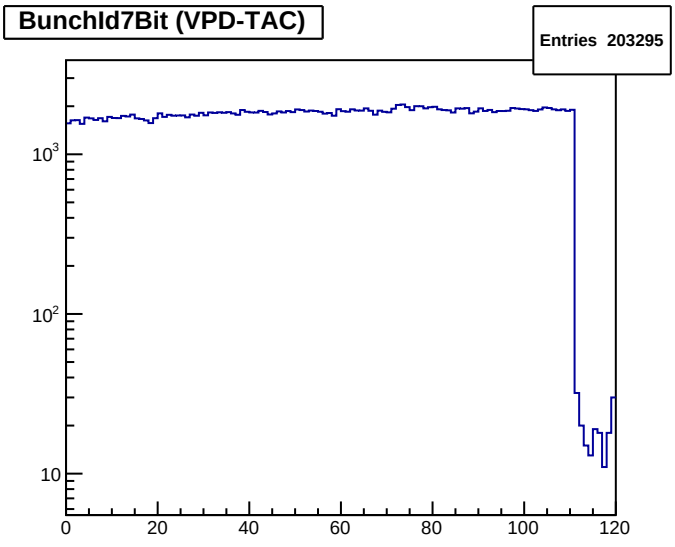
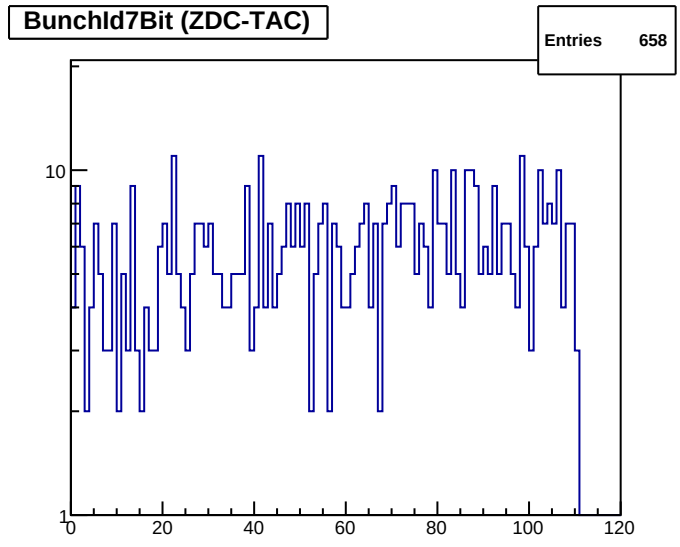
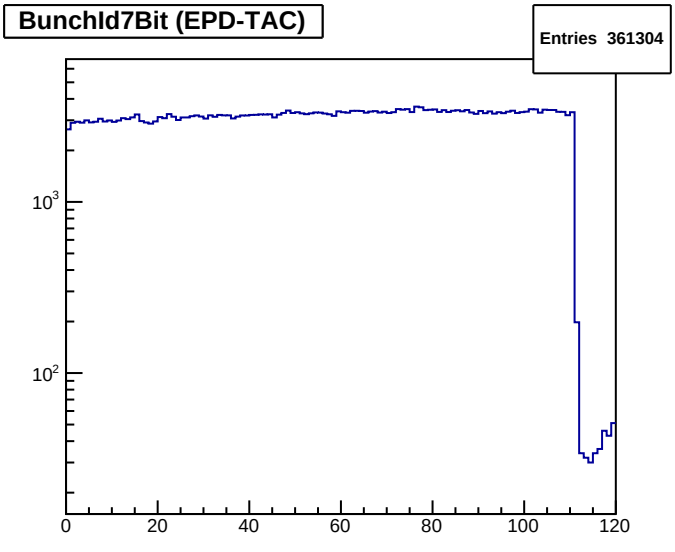
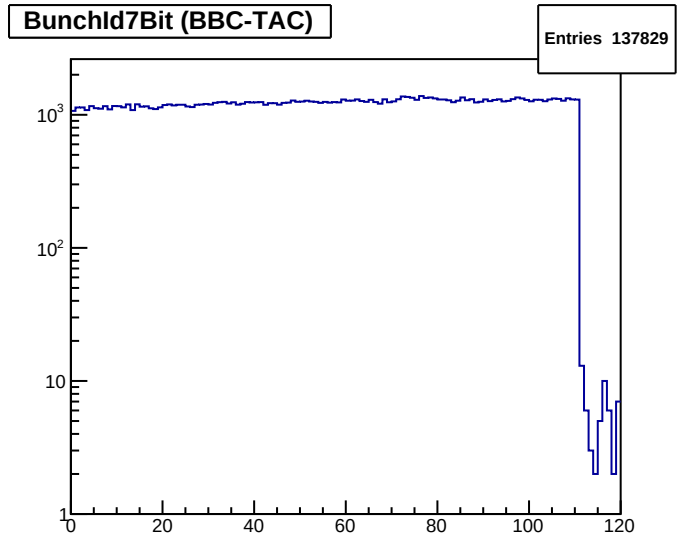
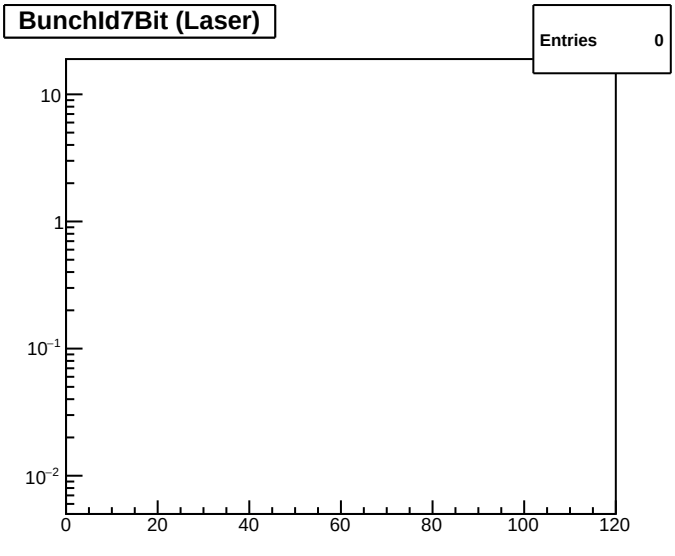
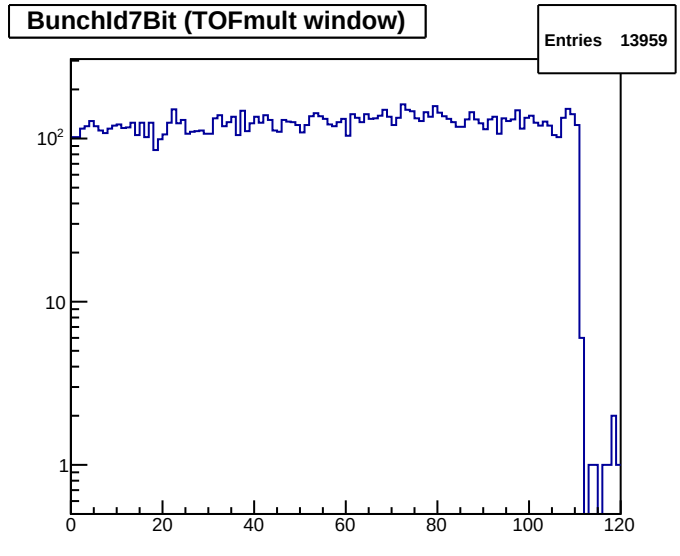

BunchId7Bit (VPD-TAC)
Entries 203295

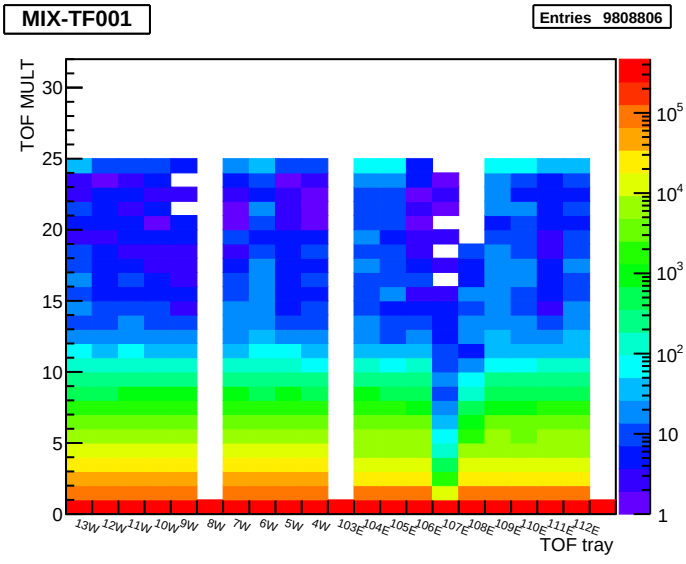

BunchId7Bit (ZDC-TAC)
Entries 658

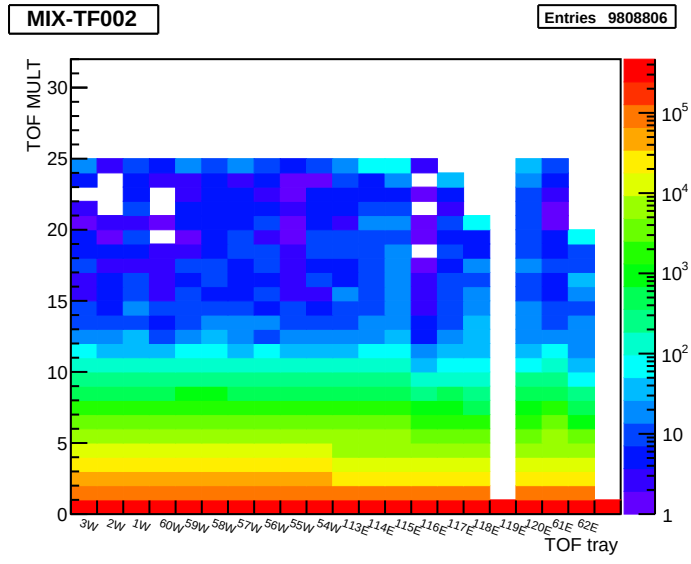

BunchId7Bit (EPD-TAC)
Entries 361304

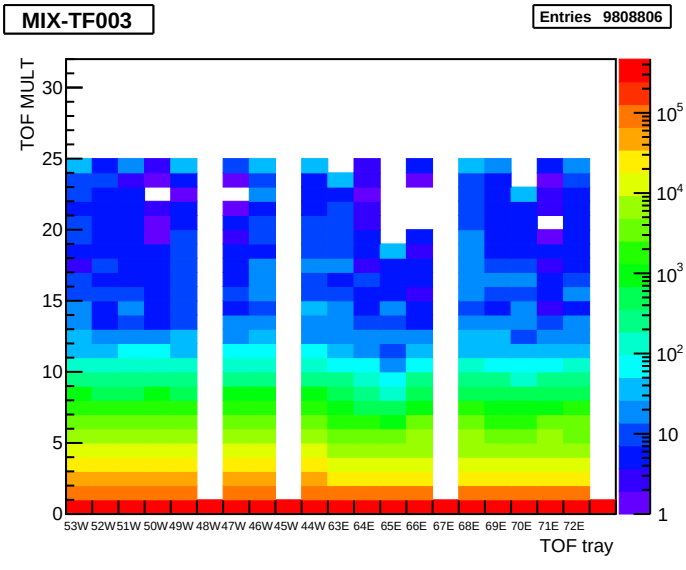

BunchId7Bit (BBC-TAC)
Entries 137829

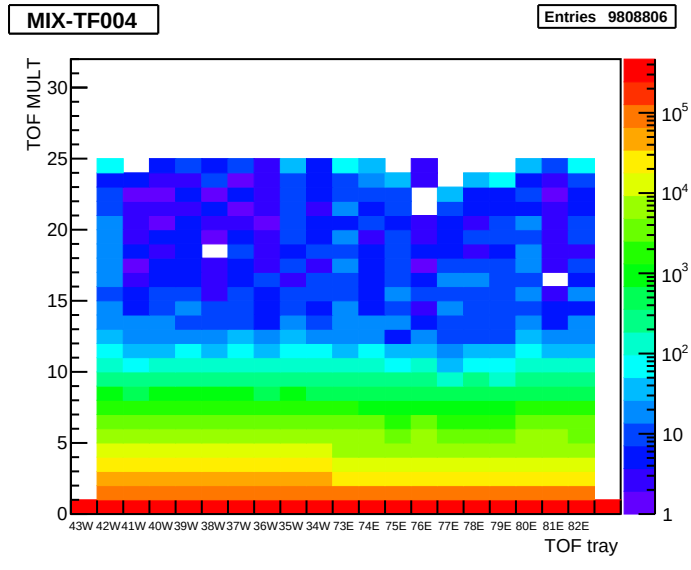

BunchId7Bit (Laser)
Entries 0

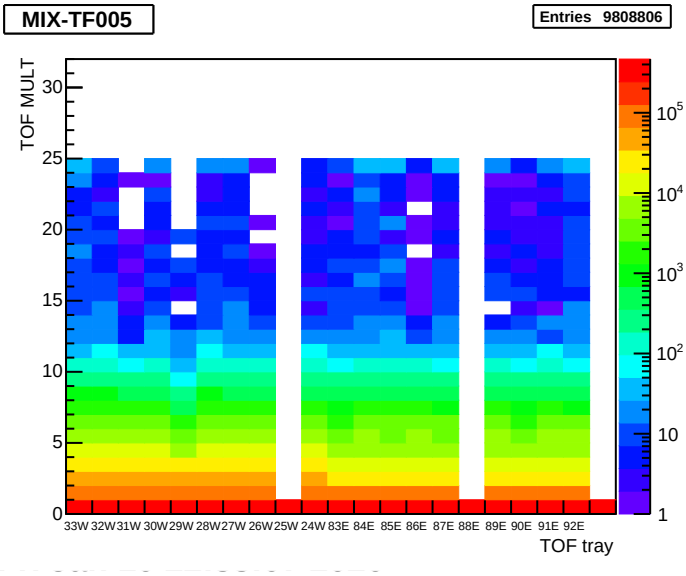

BunchId7Bit (TOFmult window)
Entries 13959

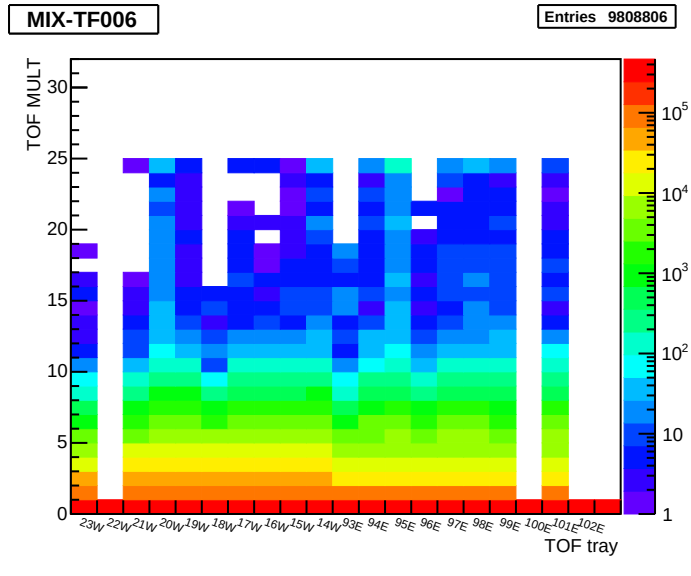

MIX-TF001
Entries 9808806
TOF MULT
TOF tray

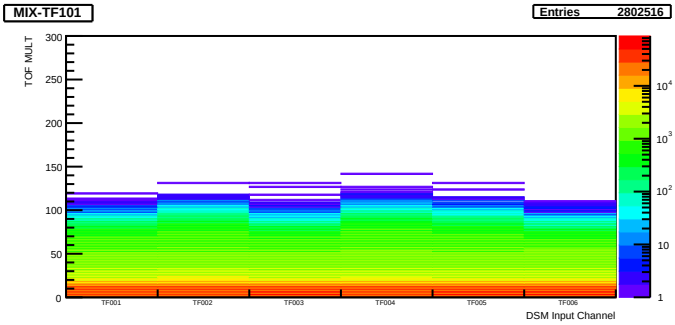

MIX-TF002
Entries 9808806
TOF MULT
TOF tray

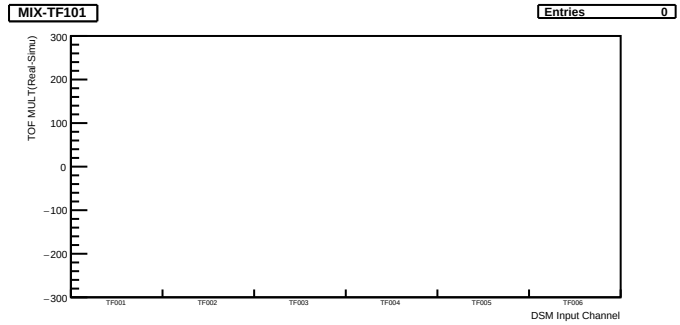

MIX-TF003
Entries 9808806
TOF MULT
TOF tray

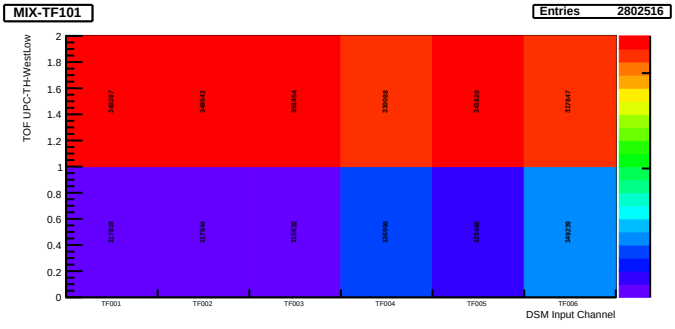

MIX-TF004
Entries 9808806
TOF MULT
TOF tray

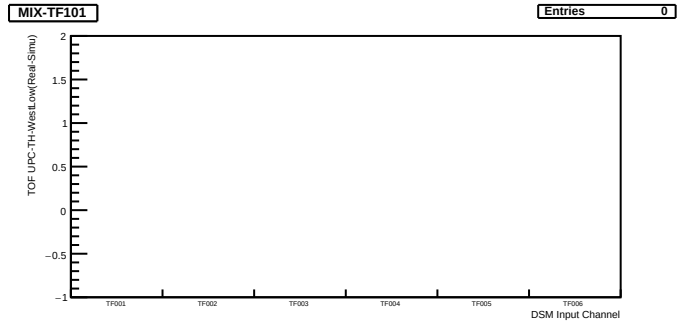

MIX-TF005
Entries 9808806
TOF MULT
TOF tray

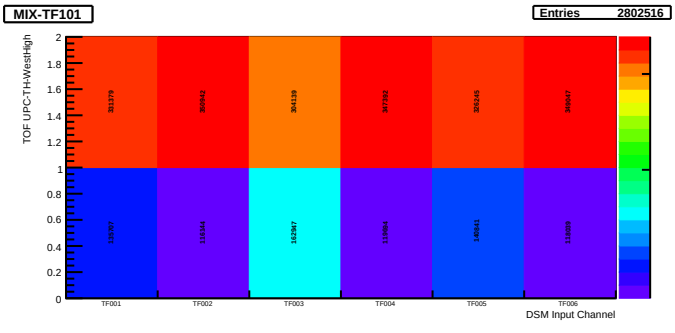

MIX-TF006
Entries 9808806
TOF MULT
TOF tray

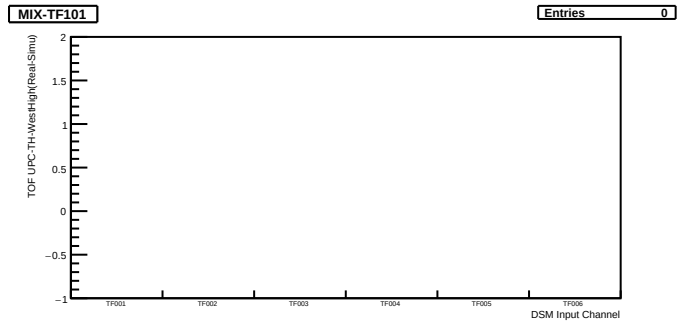

MIX-TF101
Entries 2802516
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

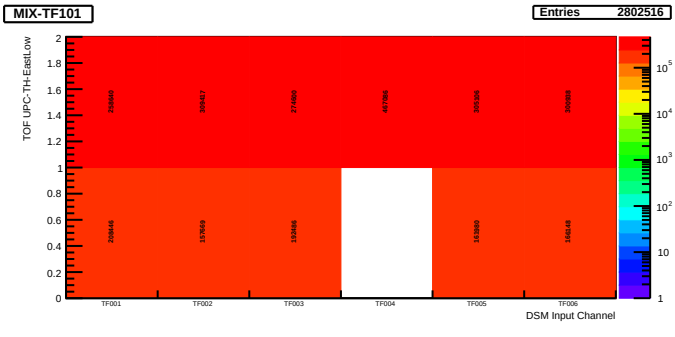

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

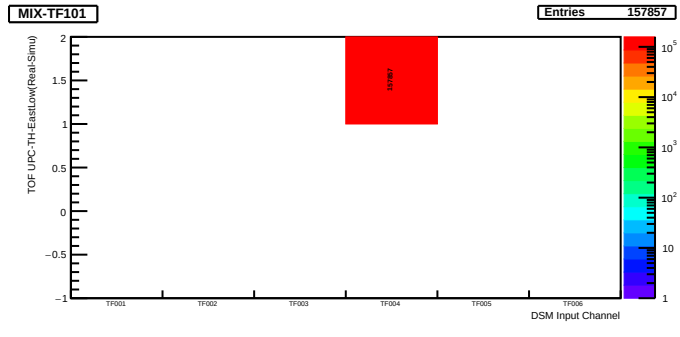

MIX-TF101
Entries 2802516
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

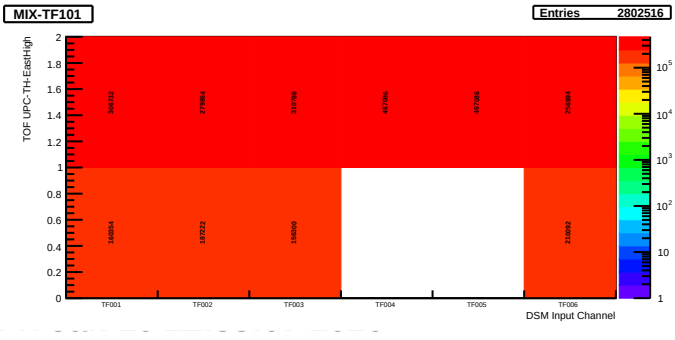

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

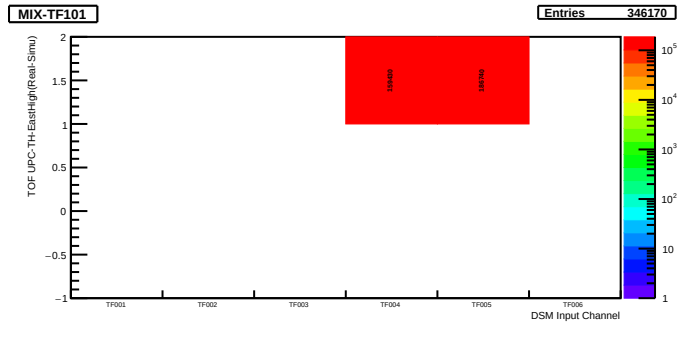

MIX-TF101
Entries 2802516
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

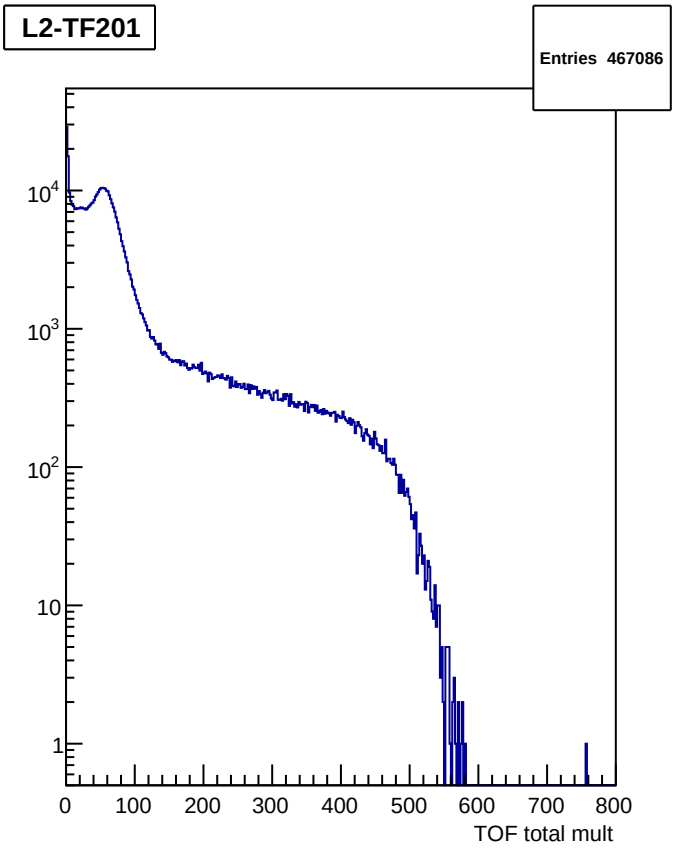

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

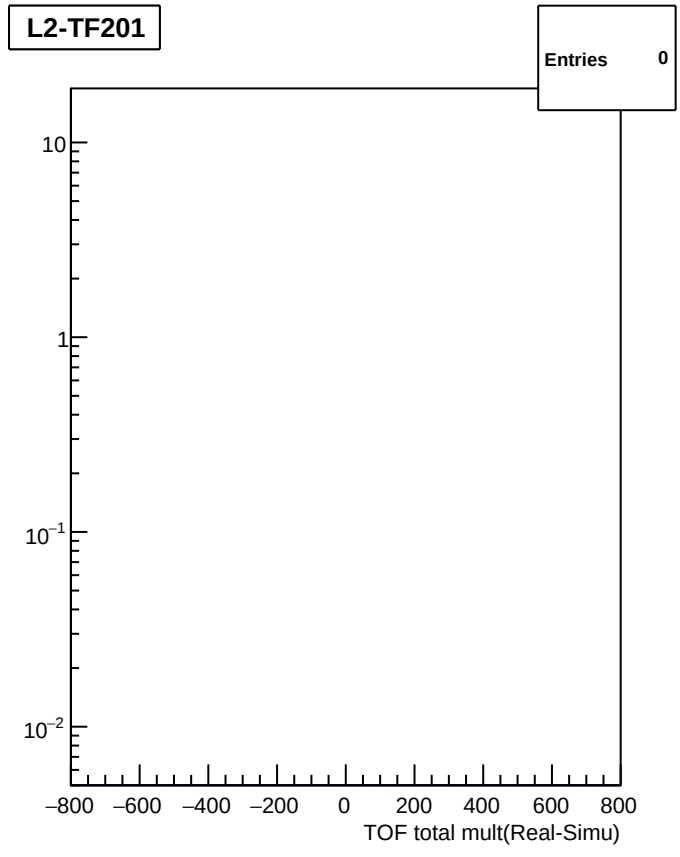

MIX-TF101
Entries 2802516
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

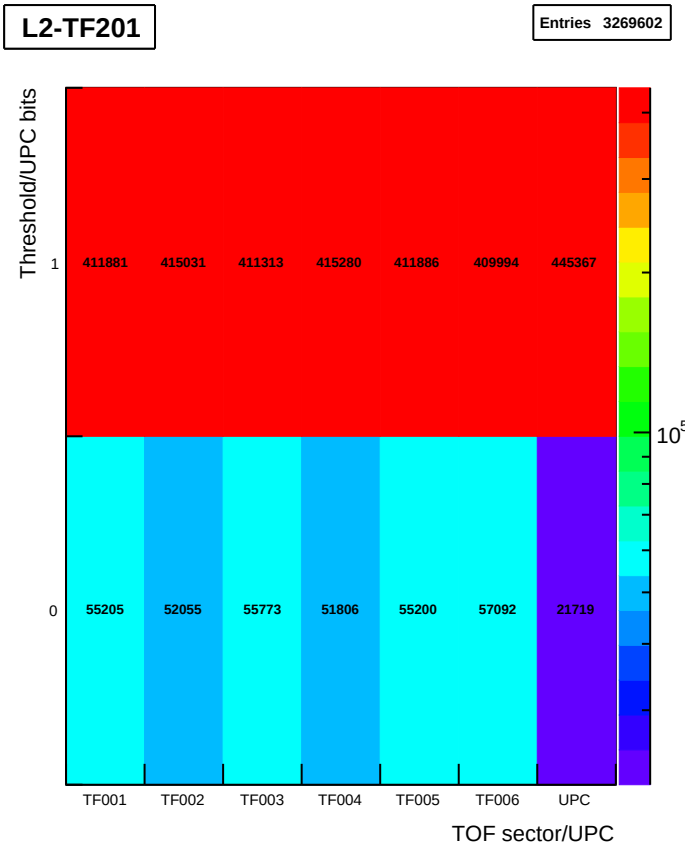

MIX-TF101
Entries 157857
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

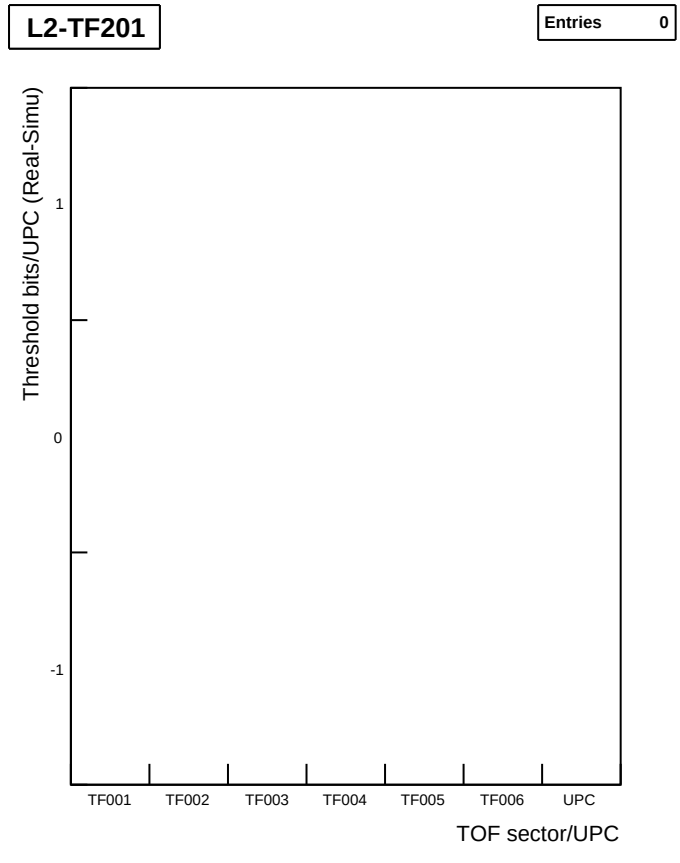

MIX-TF101
Entries 2802516
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

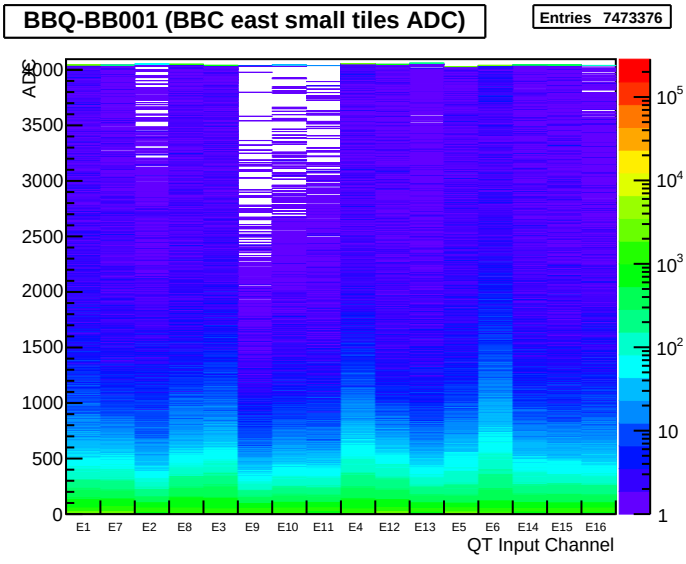

MIX-TF101
Entries 346170
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

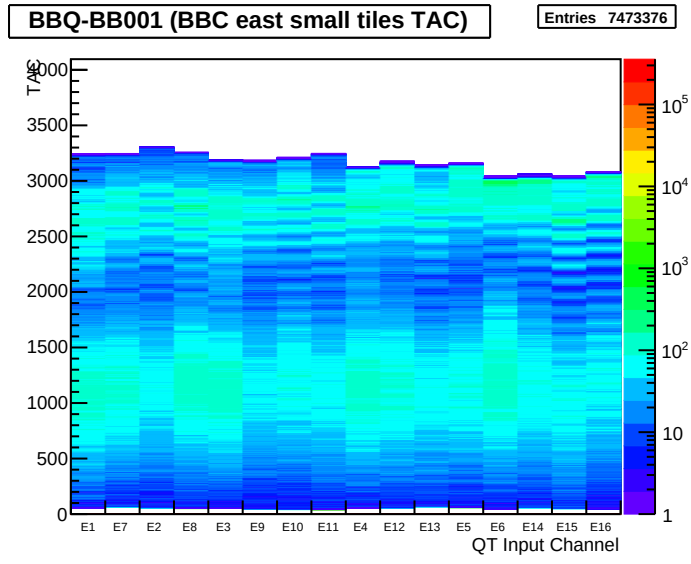

L2-TF201
Entries 467086
TOF total mult

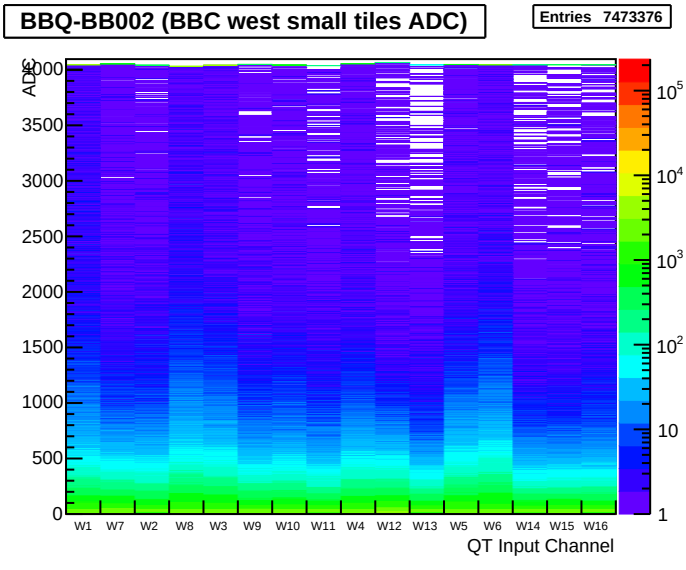

L2-TF201
Entries 0
TOF total mult(Real-Simu)

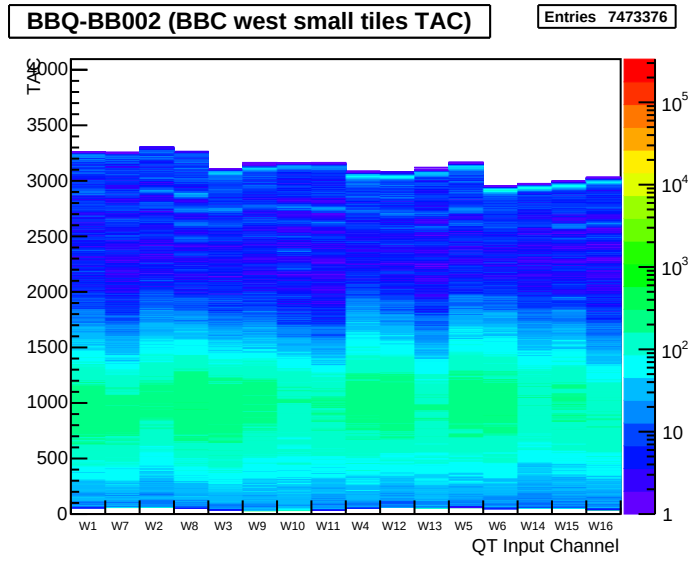

L2-TF201
Entries 3269602
Threshold/UPC bits
411881
415031
411313
415280
411886
409994
445367
55205
52055
55773
51806
55200
57092
21719
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

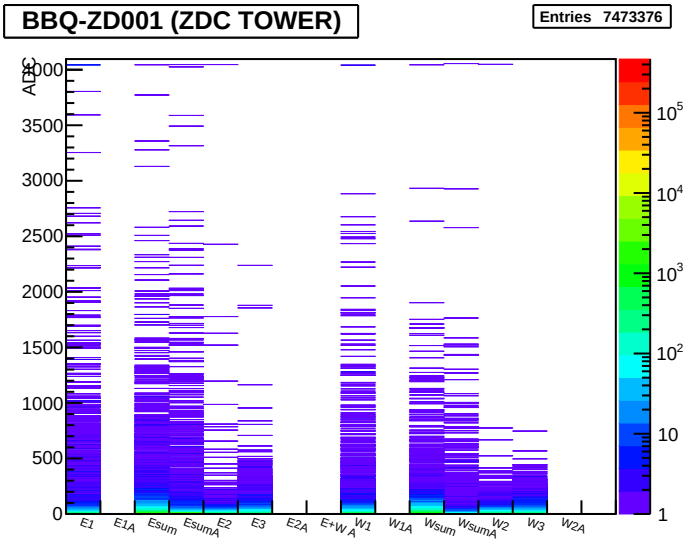

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

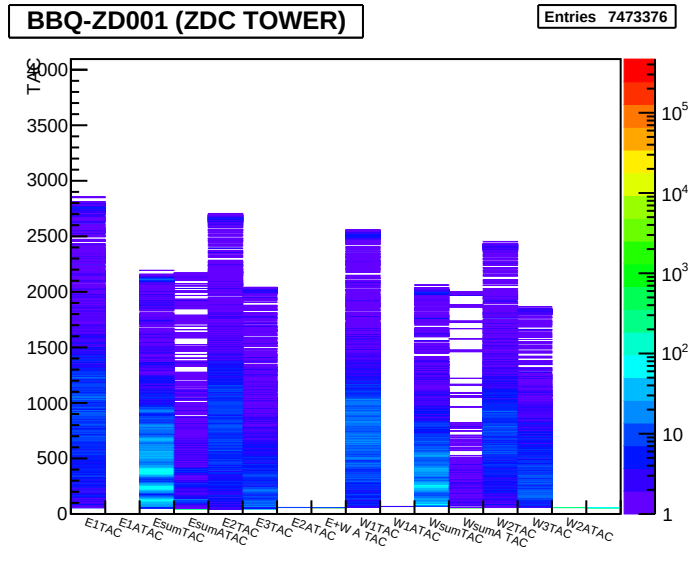

BBQ-BB001 (BBC east small tiles ADC)
Entries 7473376
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

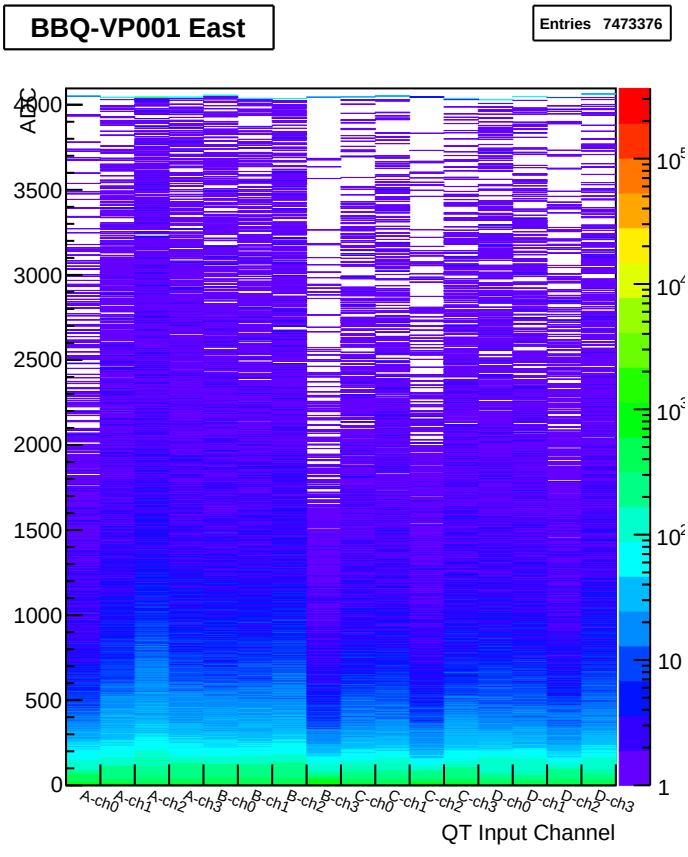

BBQ-BB001 (BBC east small tiles TAC)
Entries 7473376
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

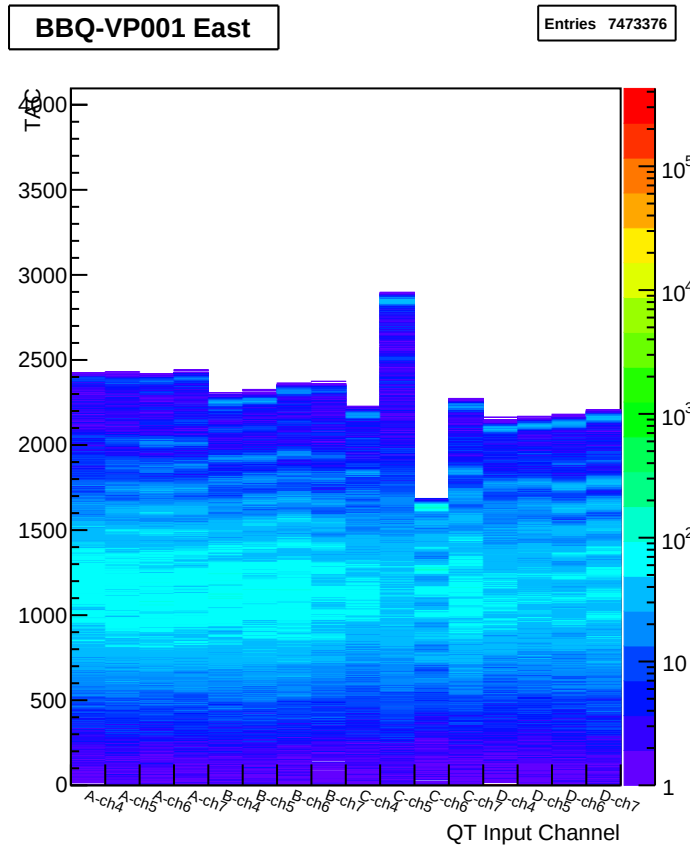

BBQ-BB002 (BBC west small tiles ADC)
Entries 7473376
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

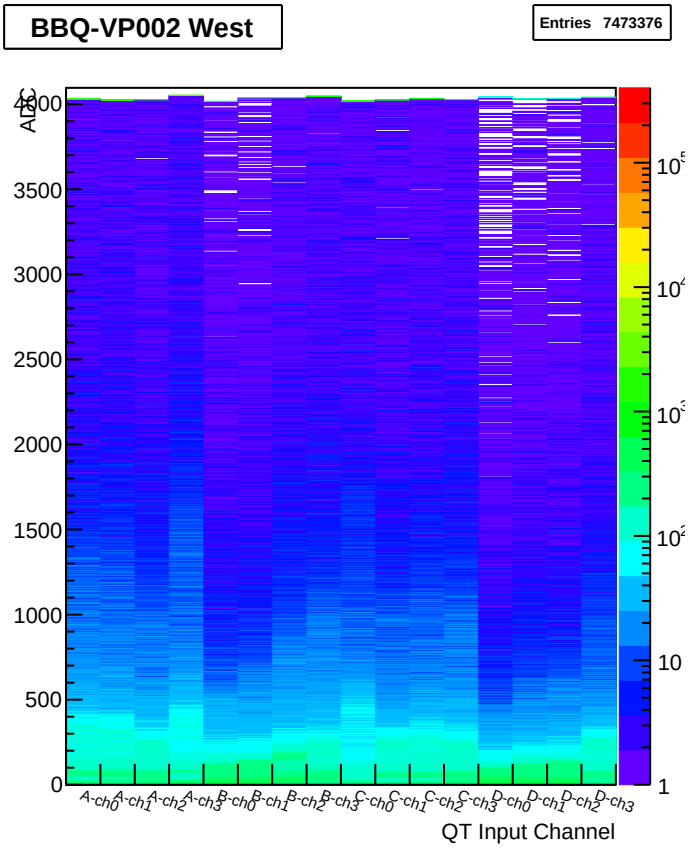

BBQ-BB002 (BBC west small tiles TAC)
Entries 7473376
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

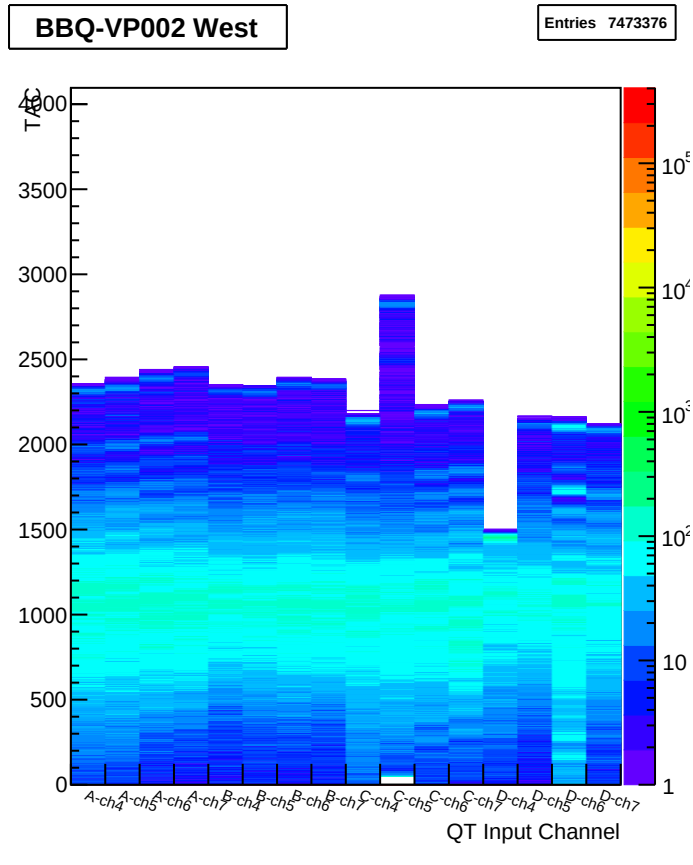

BBQ-ZD001 (ZDC TOWER)
Entries 7473376
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

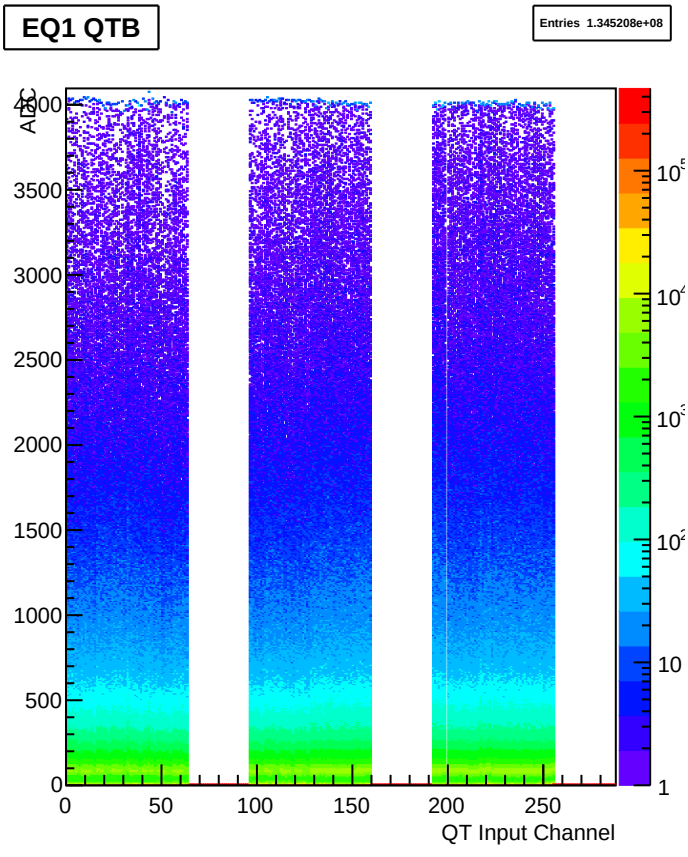

BBQ-ZD001 (ZDC TOWER)
Entries 7473376
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

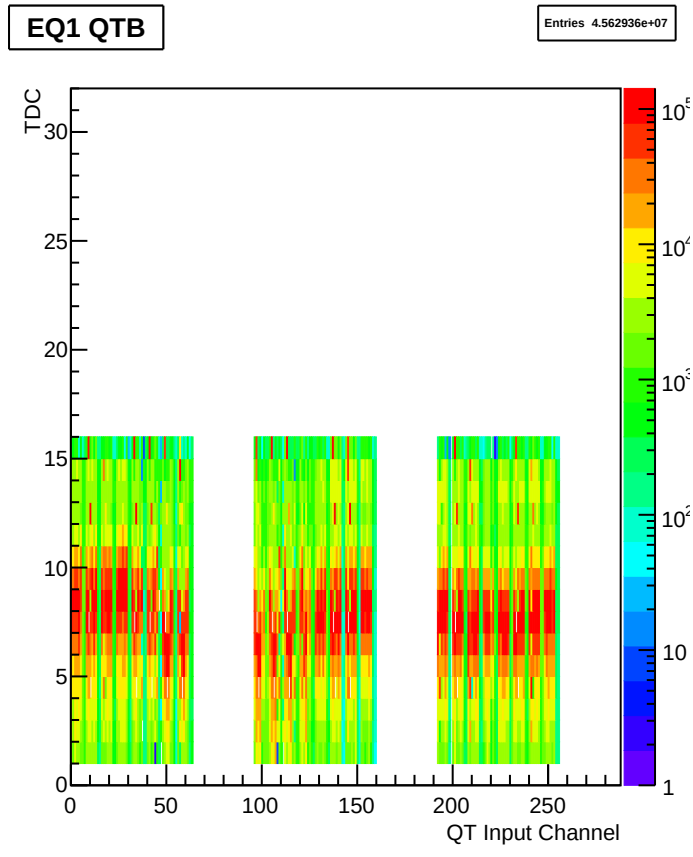

BBQ-VP001 East
Entries 7473376
ADC
QT Input Channel

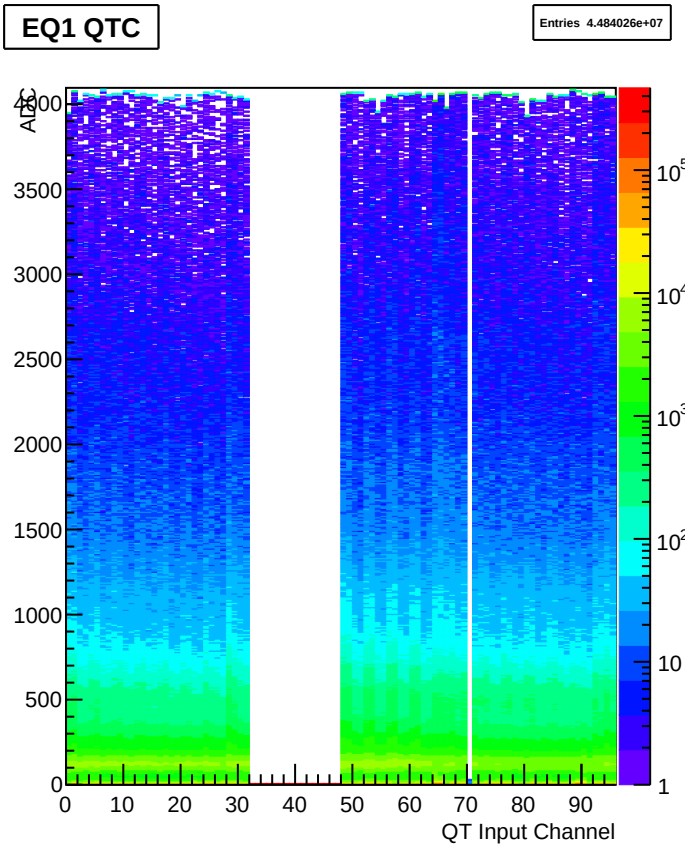

BBQ-VP001 East
Entries 7473376
ADC
QT Input Channel

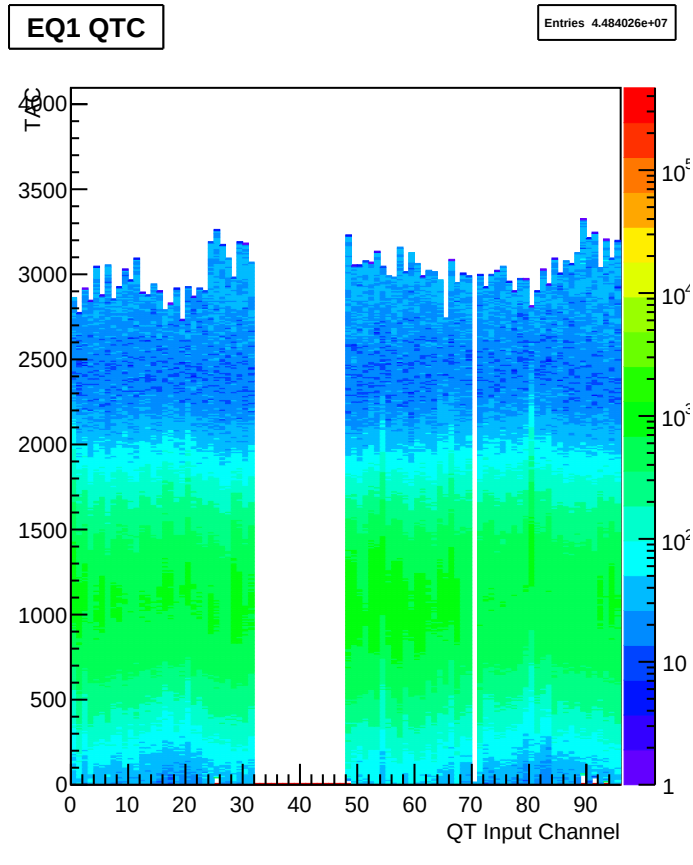

BBQ-VP002 West
Entries 7473376
ADC
QT Input Channel

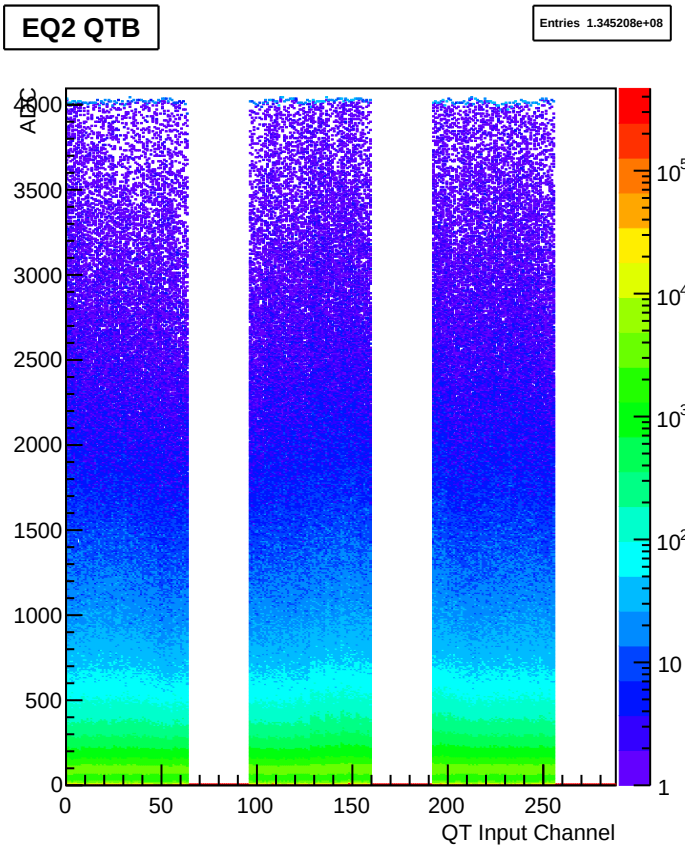

BBQ-VP002 West
Entries 7473376
ADC
QT Input Channel

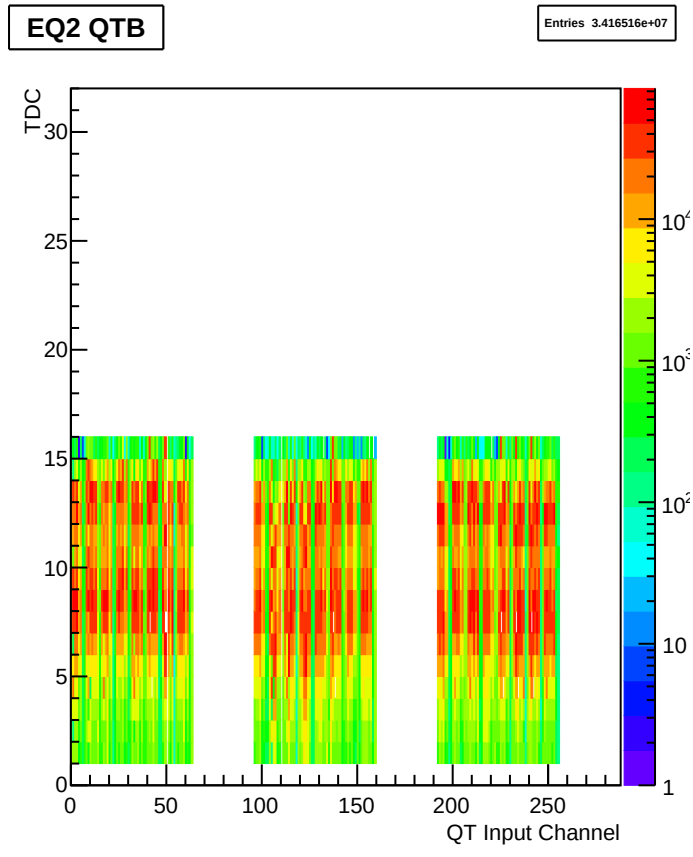

EQ1 QTB
Entries 1.345208e+08
ADC
QT Input Channel

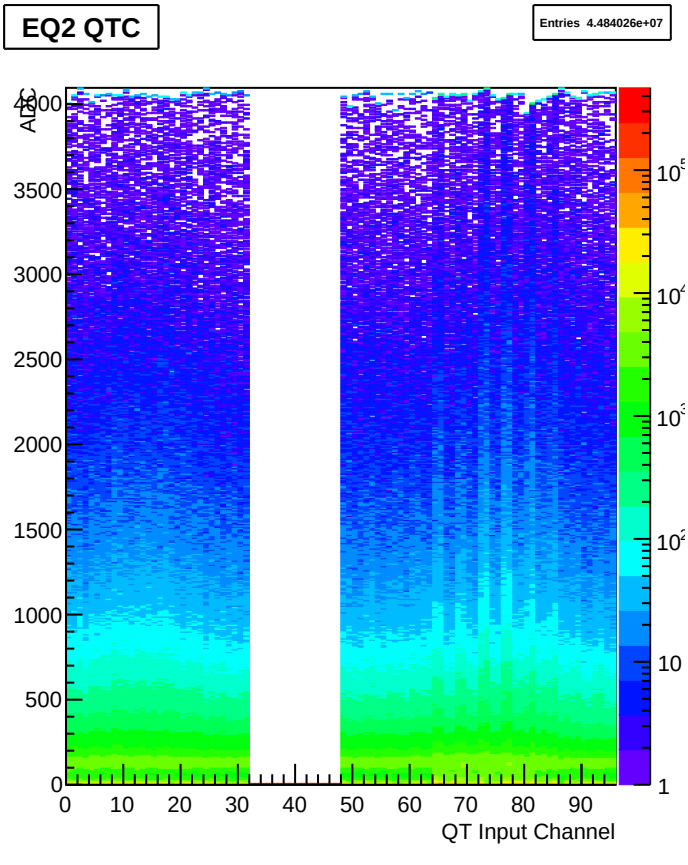

EQ1 QTB
Entries 4.562936e+07
TDC
QT Input Channel

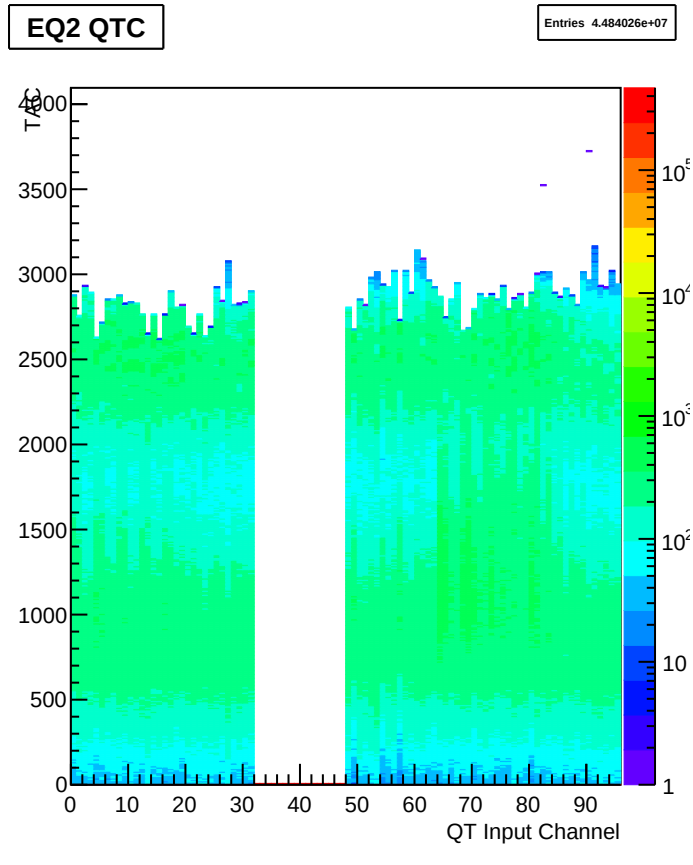

EQ1 QTC
Entries 4.484026e+07
ADC
QT Input Channel

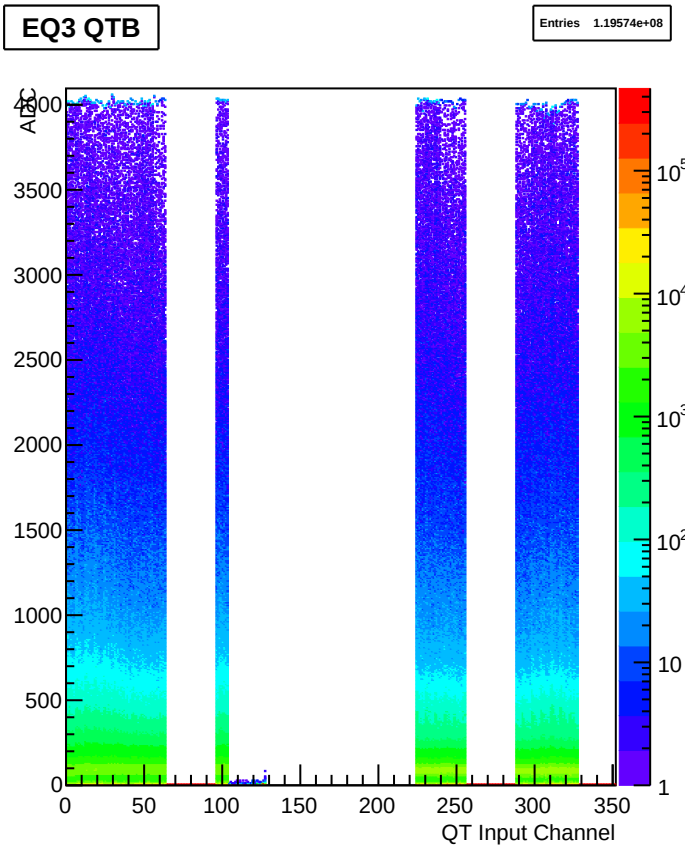

EQ1 QTC
Entries 4.484026e+07
TADC
QT Input Channel

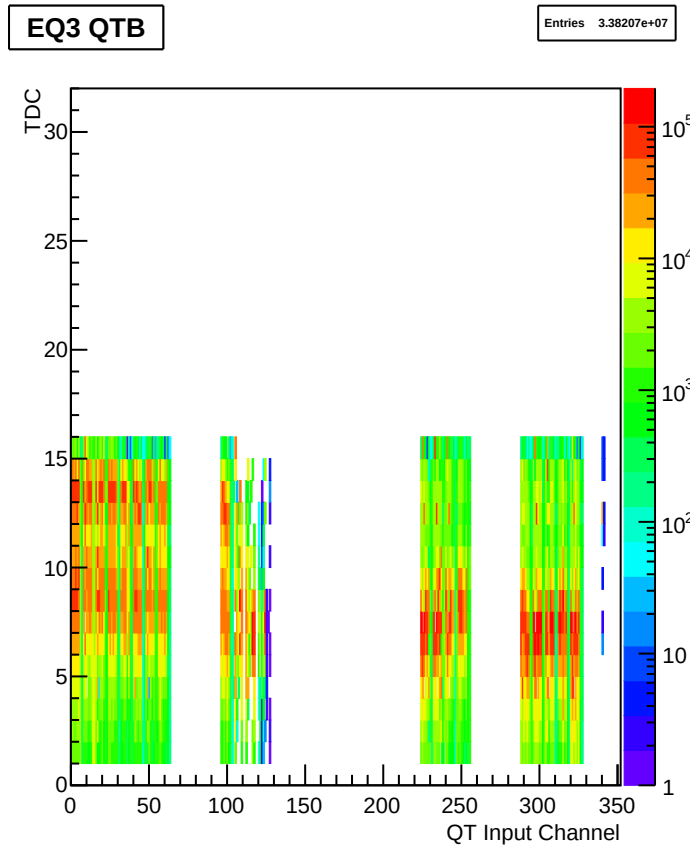

EQ2 QTB
Entries 1.345208e+08
ADC
QT Input Channel

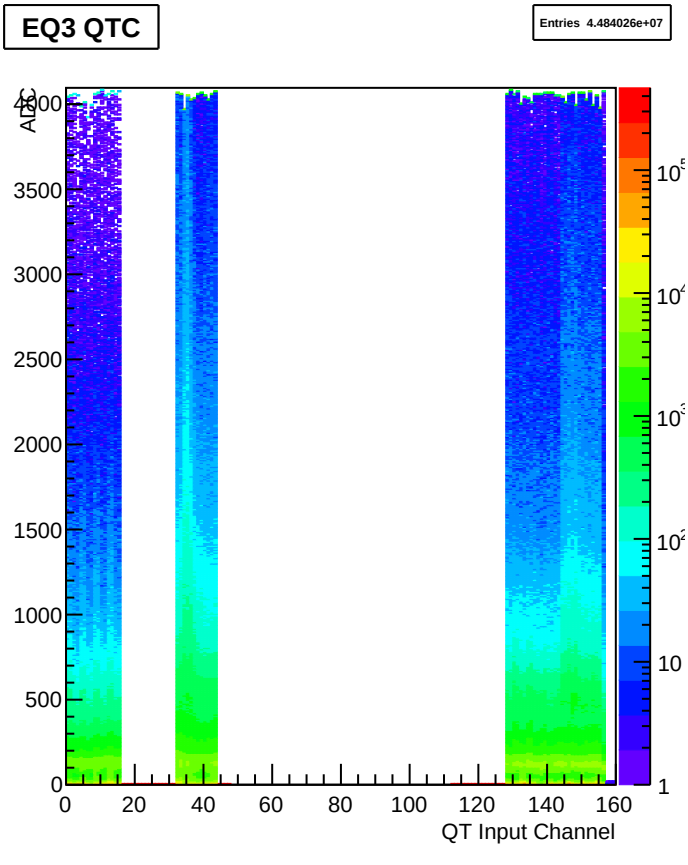

EQ2 QTB
Entries 3.416516e+07
TDC
QT Input Channel

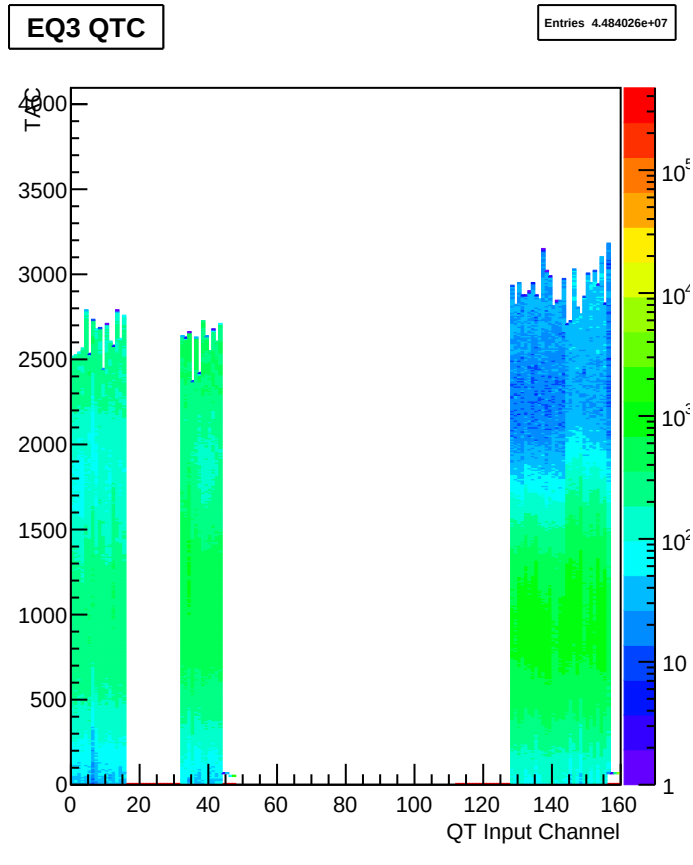

EQ2 QTC
Entries 4.484026e+07
ADC
QT Input Channel

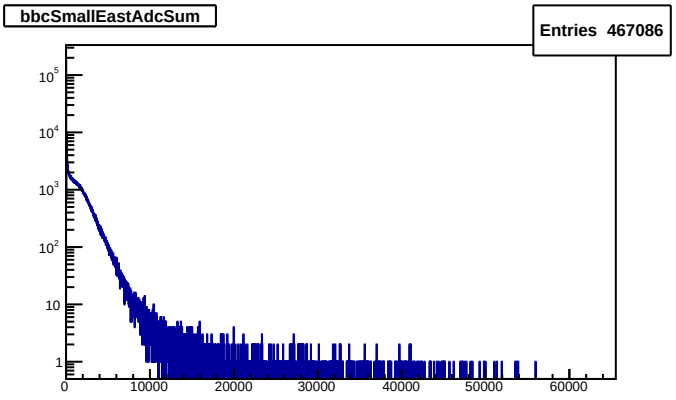

EQ2 QTC
Entries 4.484026e+07
TADC
QT Input Channel

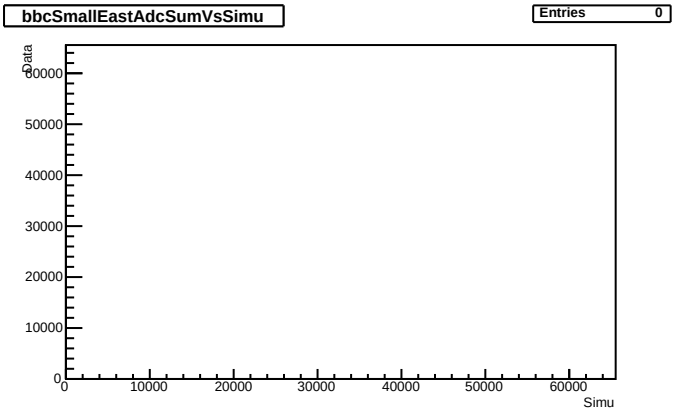

EQ3 QTB
Entries 1.19574e+08
ADC
QT Input Channel

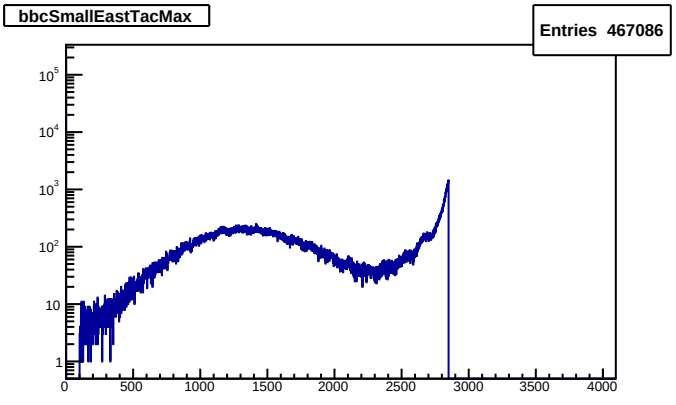

EQ3 QTB
Entries 3.38207e+07
TDC
QT Input Channel

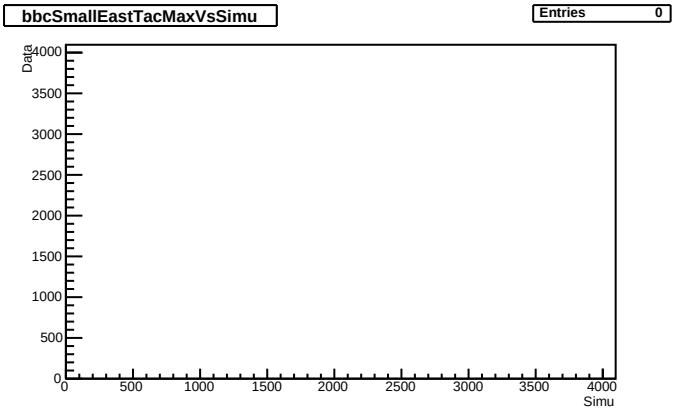

EQ3 QTC
Entries 4.484026e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.484026e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 467086


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 467086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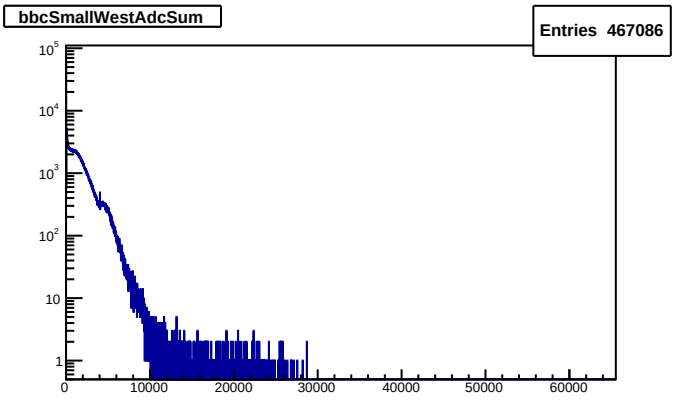
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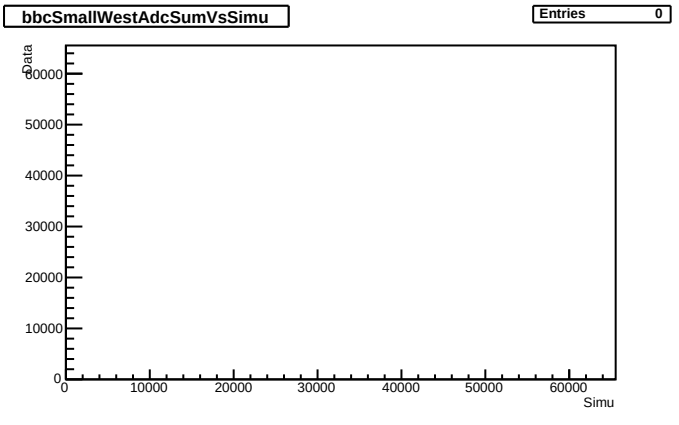
Entries 467086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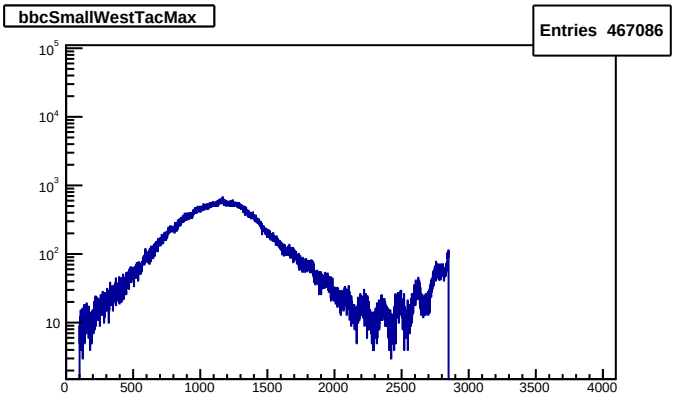
Simu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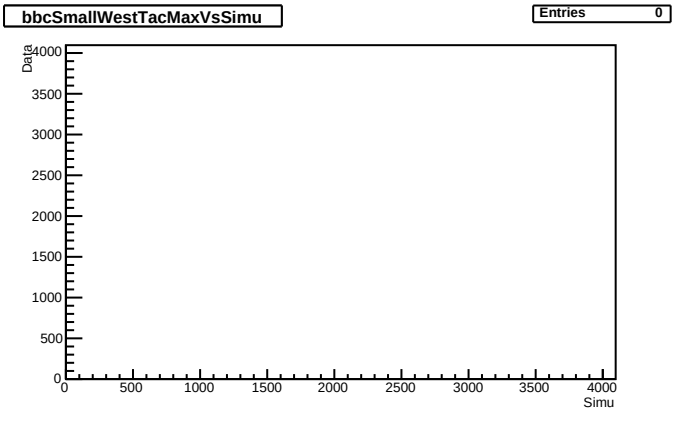
Entries 467086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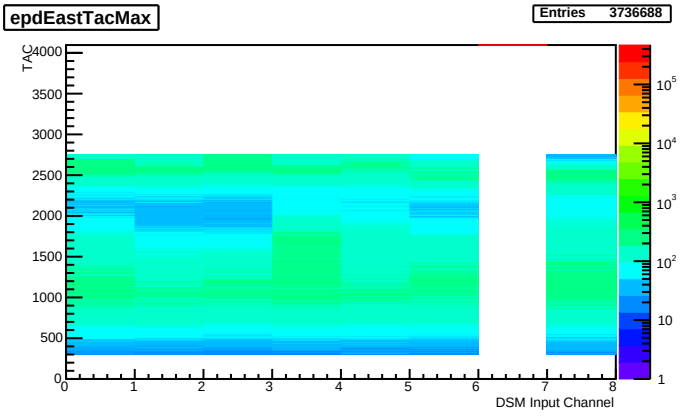
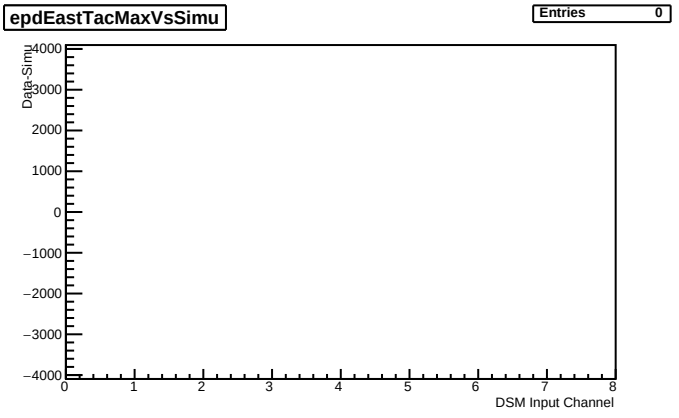
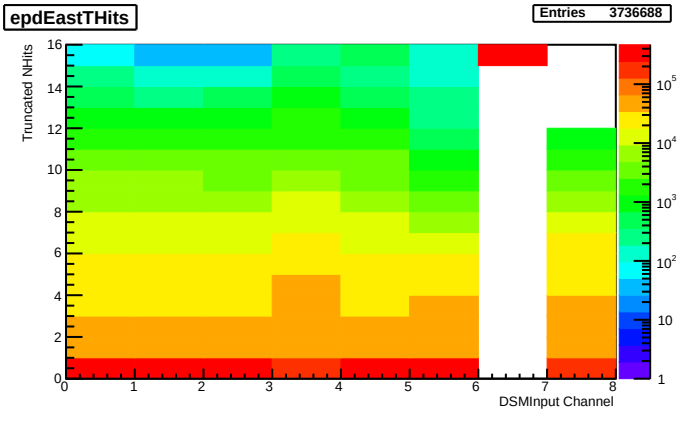
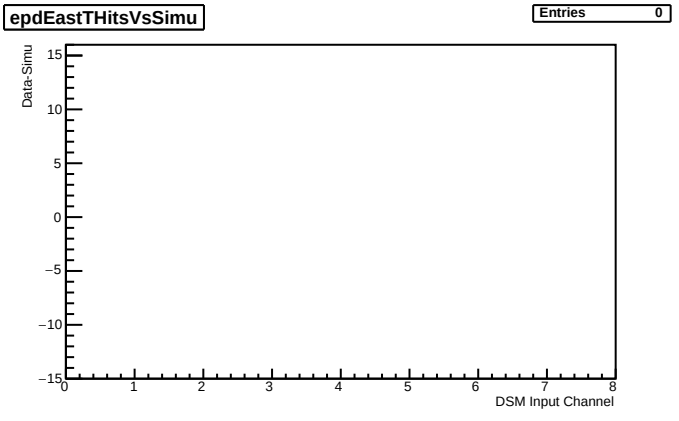
Entries 0
Data
Simu


epdEastTacMax
Entries 3736688
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3736688
Truncated NHits
DSMInput Channel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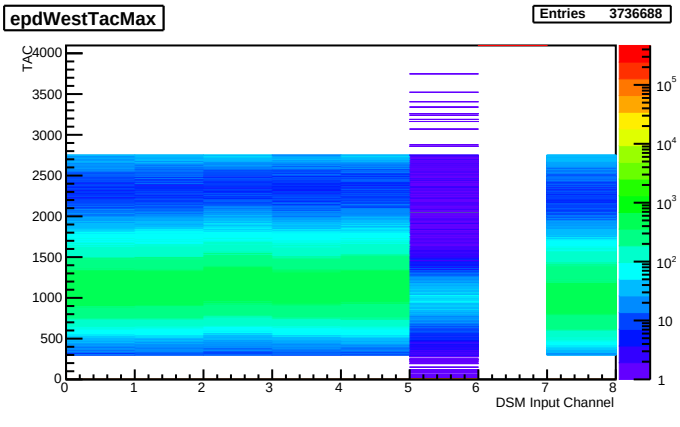
Data-Simu
DSM Input Channel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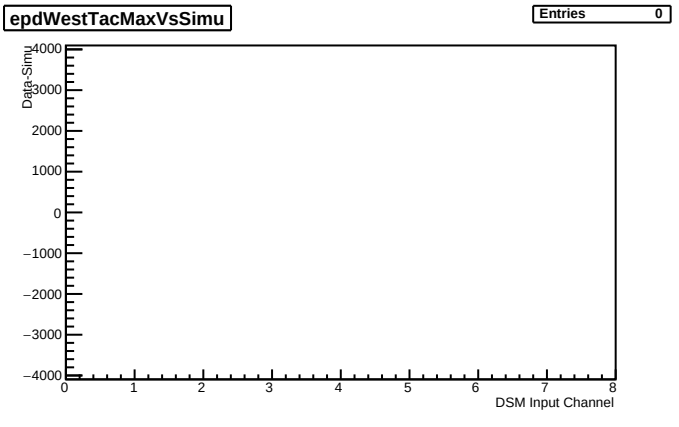
TAC
DSM Input Channel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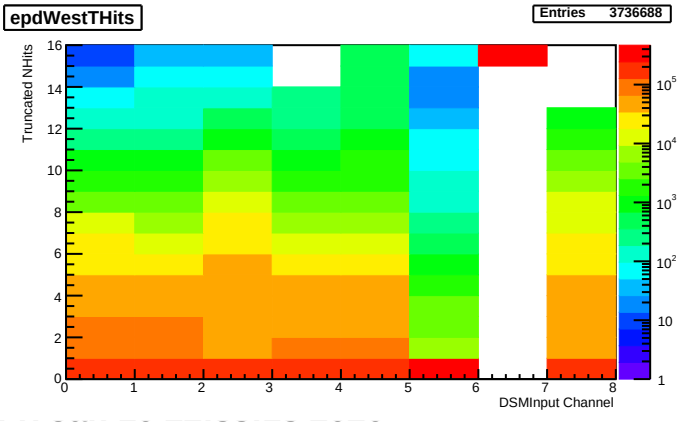
Data-Simu
DSM Input Channel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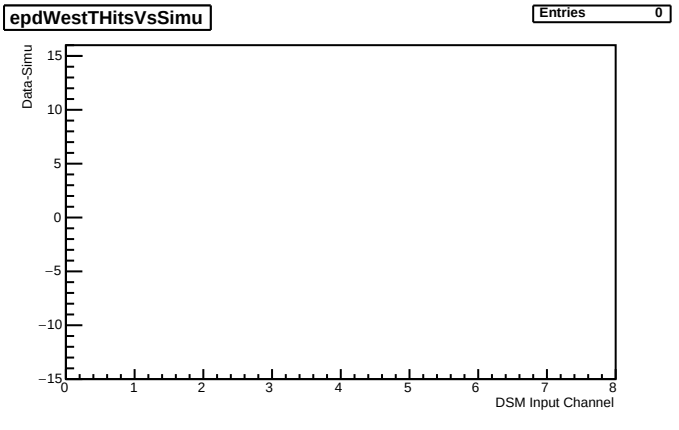
Entries 3736688
Truncated NHits
DSMInput Channel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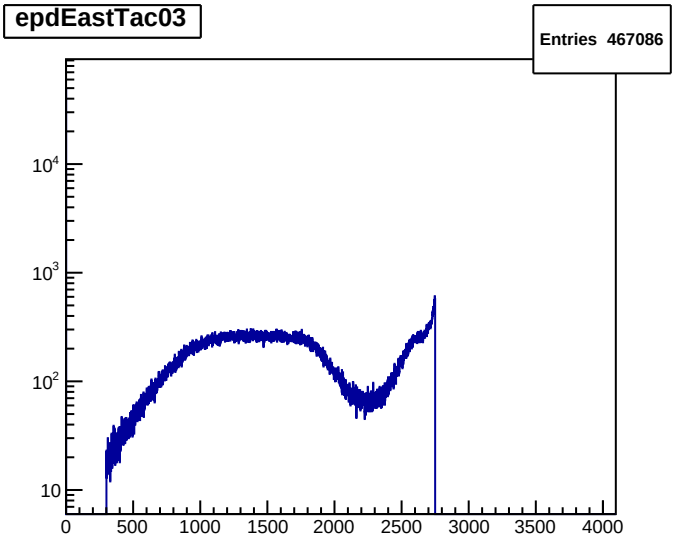
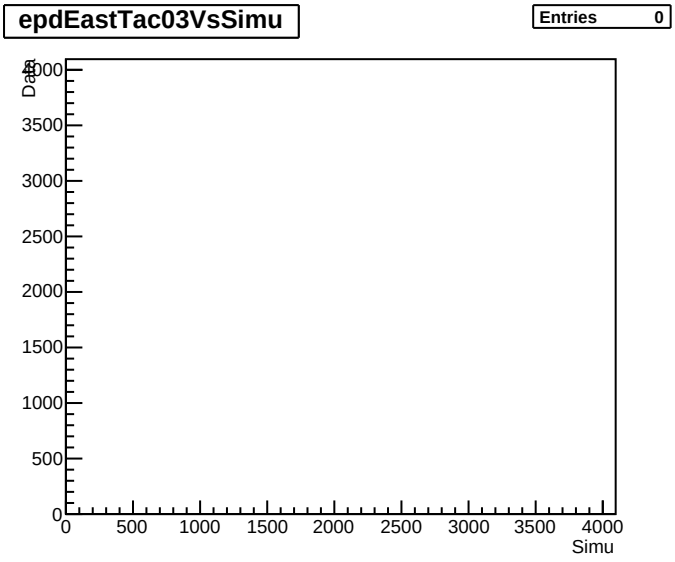
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 467086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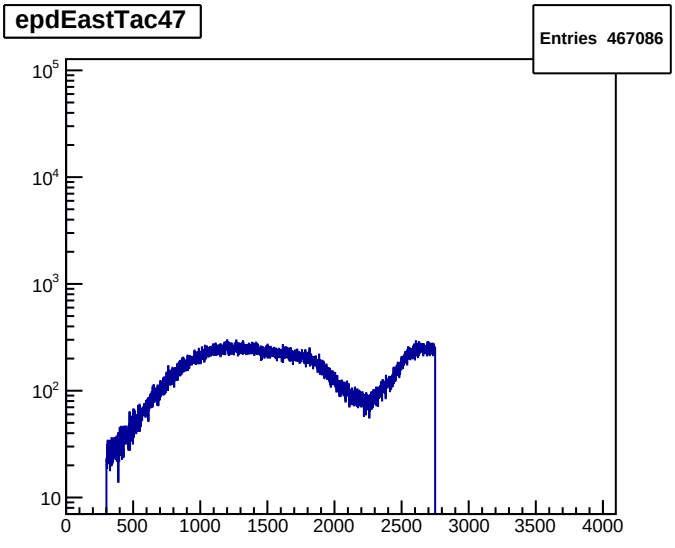
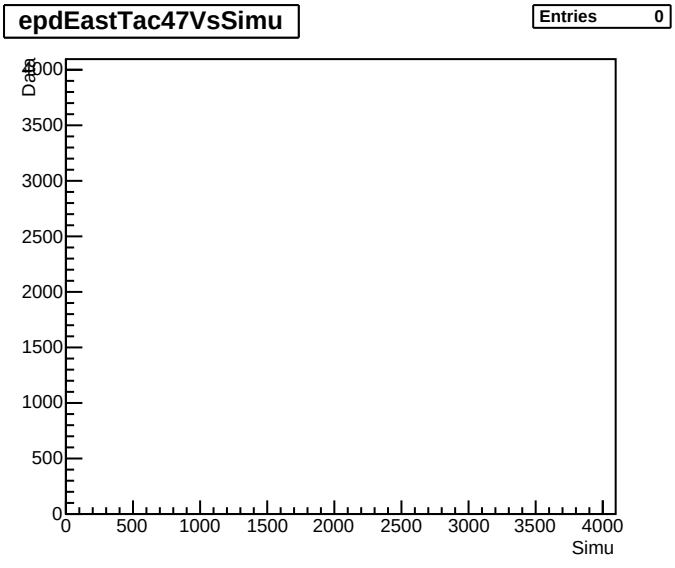
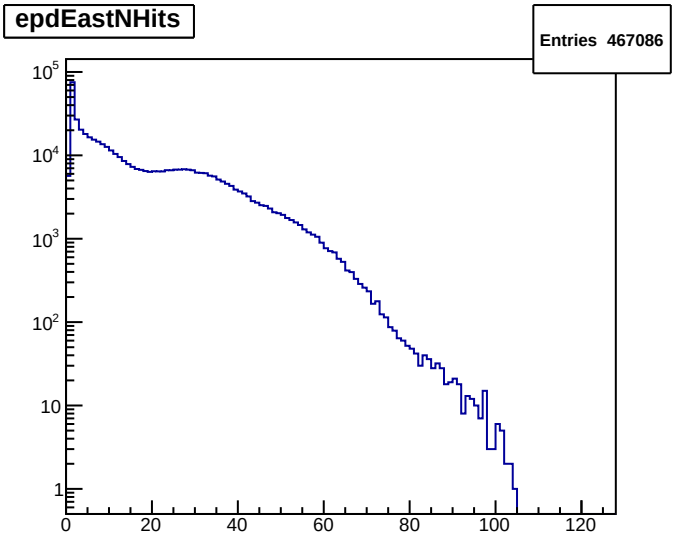
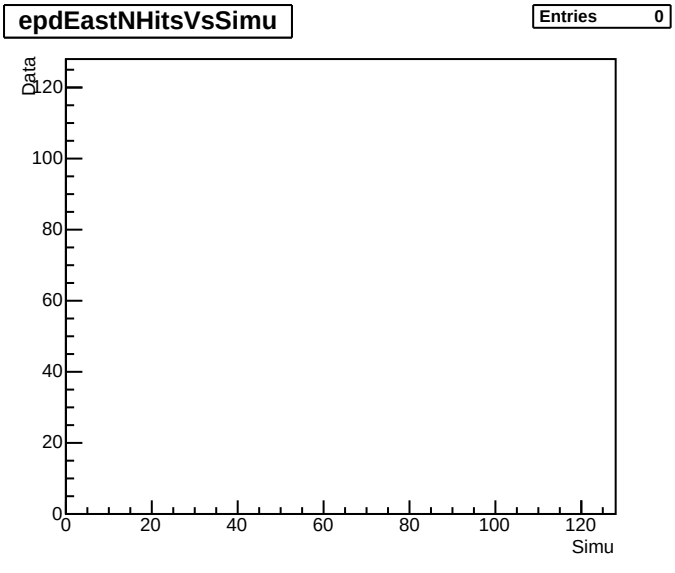
Entries 0
Data
Simu


epdEastTac47
Entries 467086


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 467086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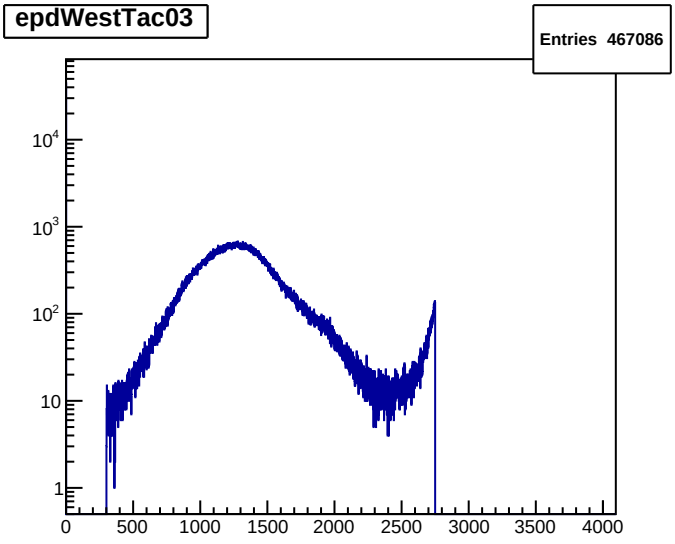
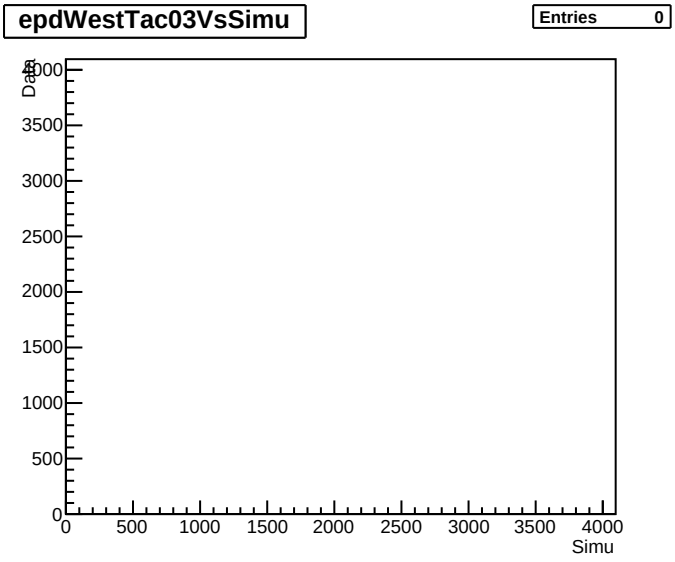
Entries 0
Data
Simu


epdWestTac03
Entries 467086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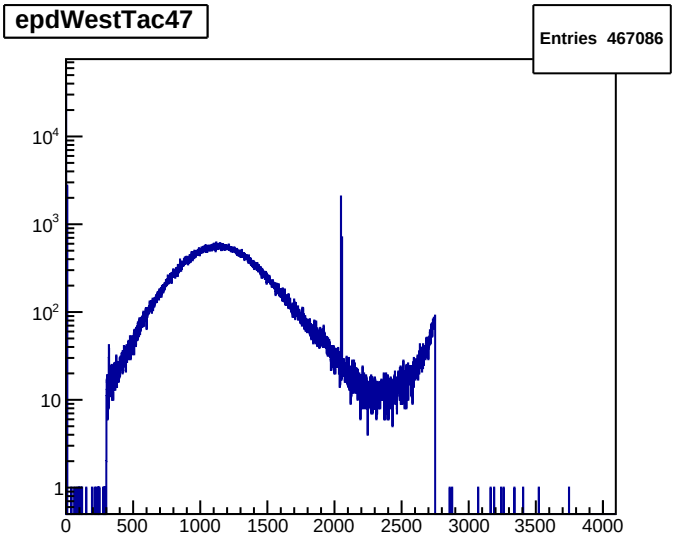
Data
Simu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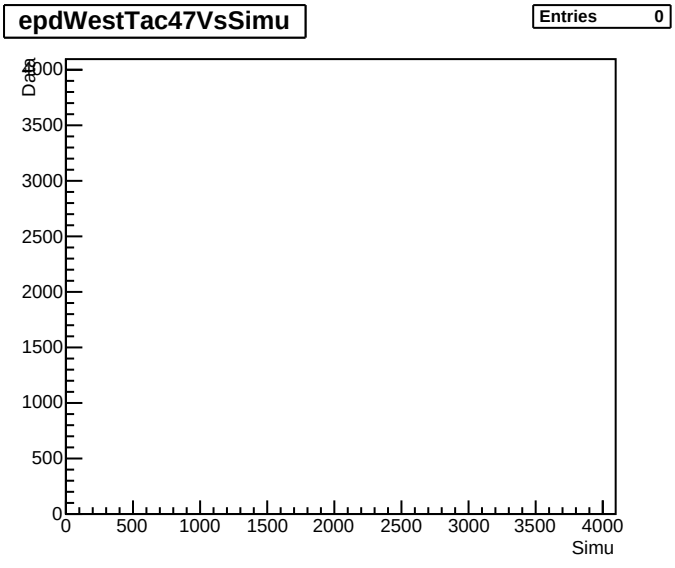
Entries 467086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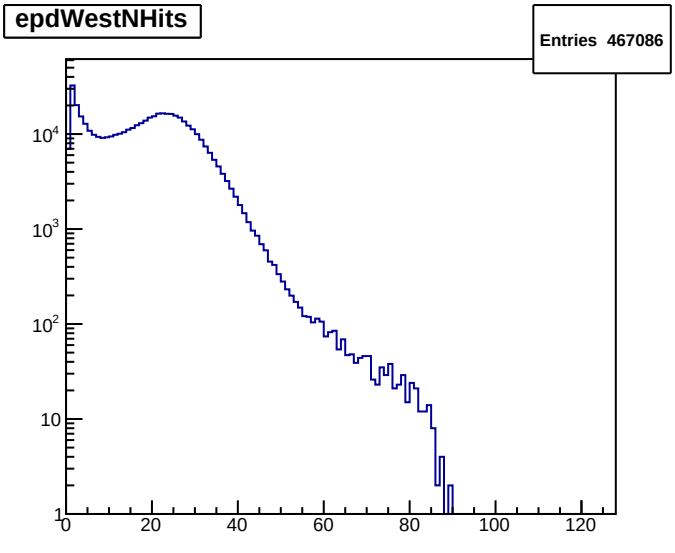
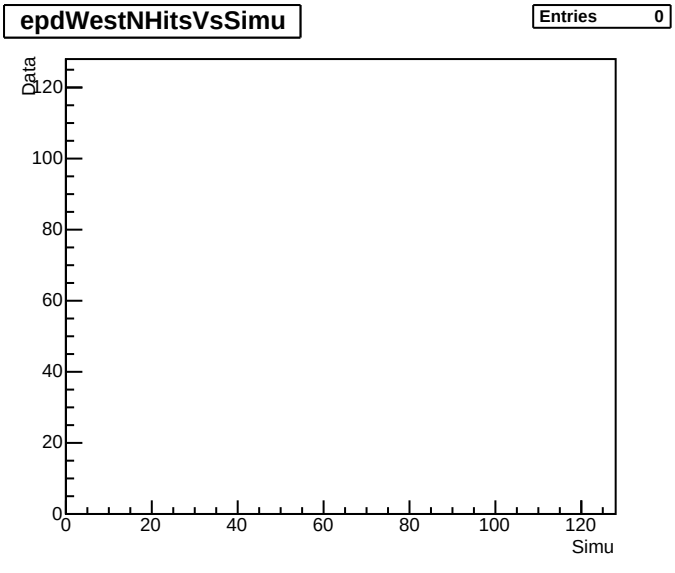
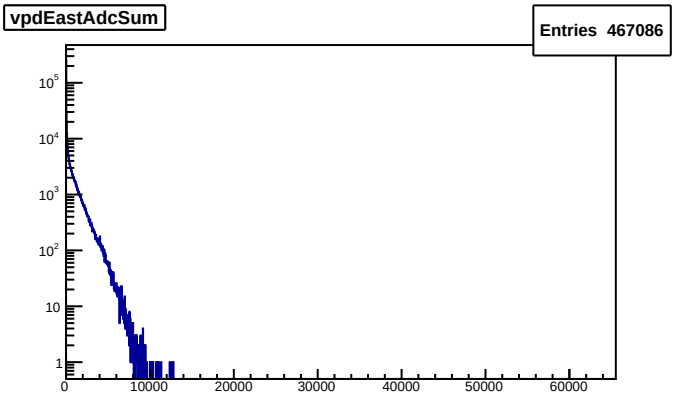
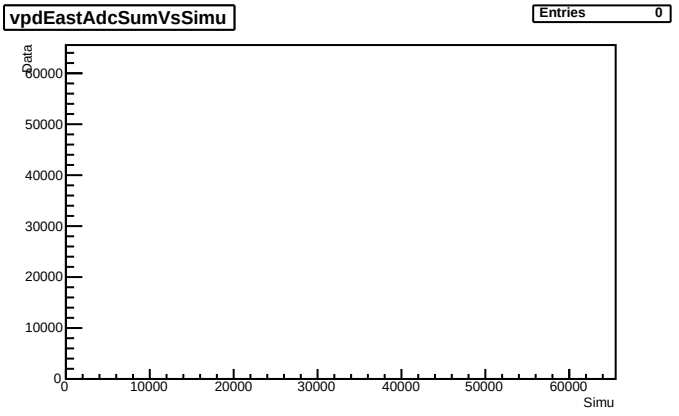
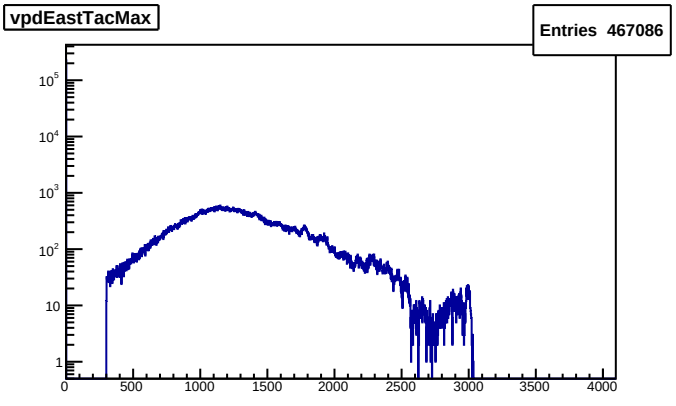
Entries 0
Data
Simu

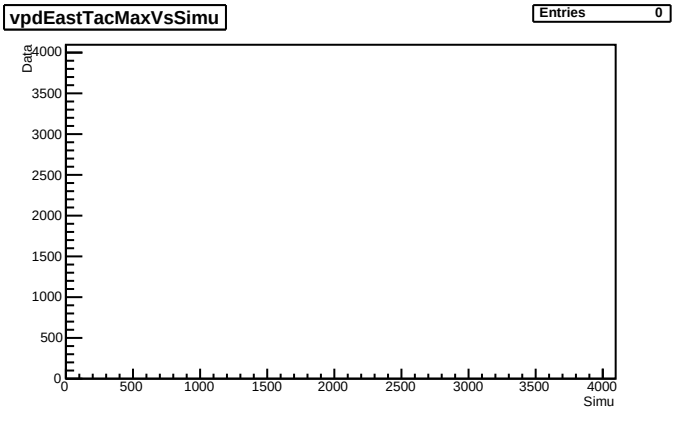

epdWestNHits
Entries 467086


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 467086


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 467086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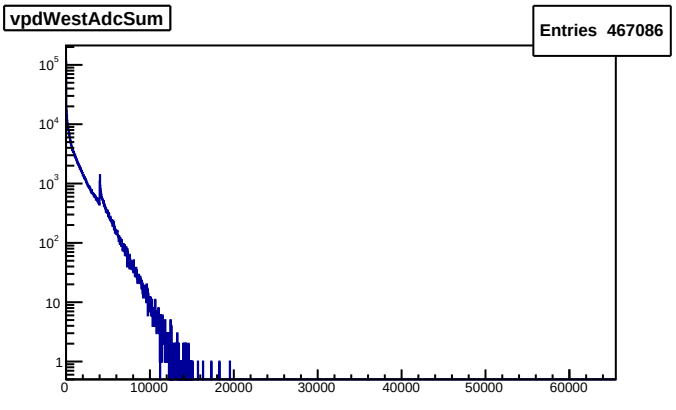
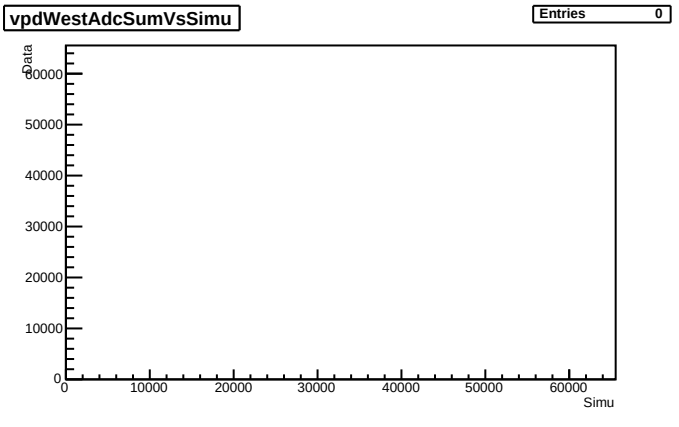
Entries 0
Data
Simu


vpdWestAdcSum
Entries 467086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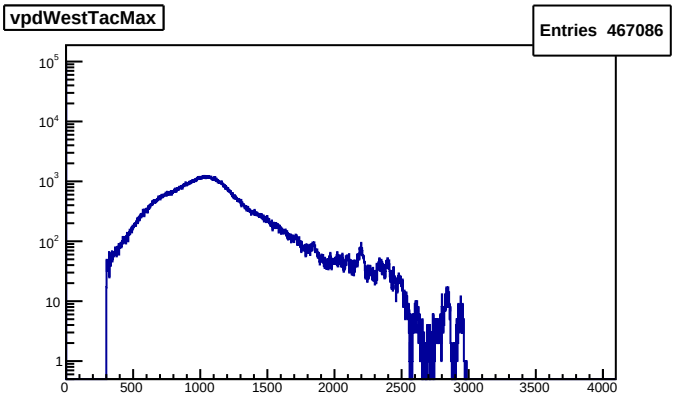
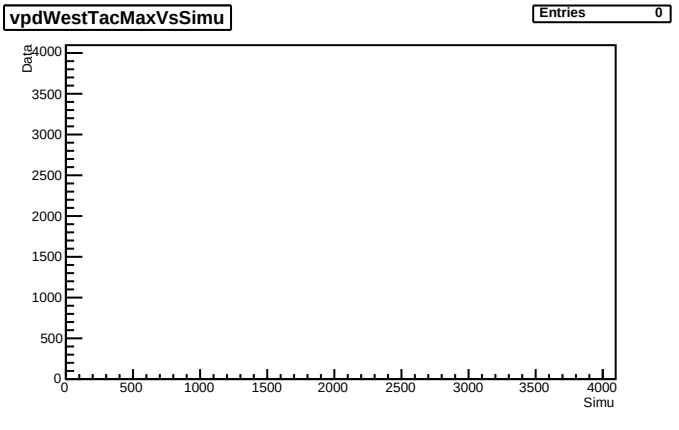
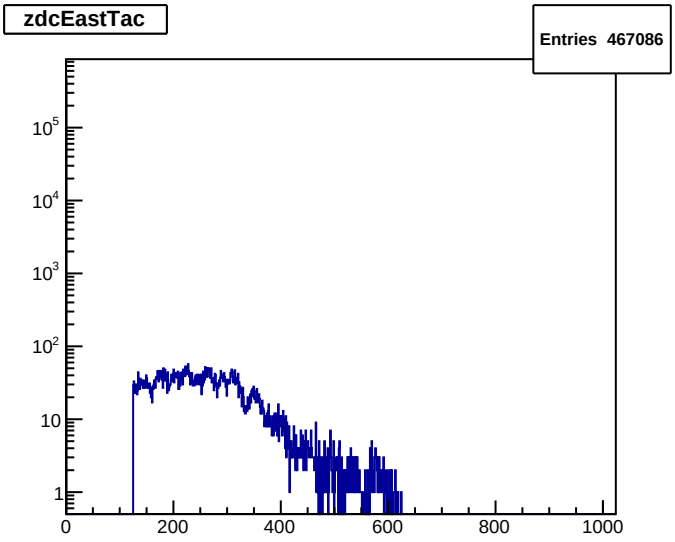
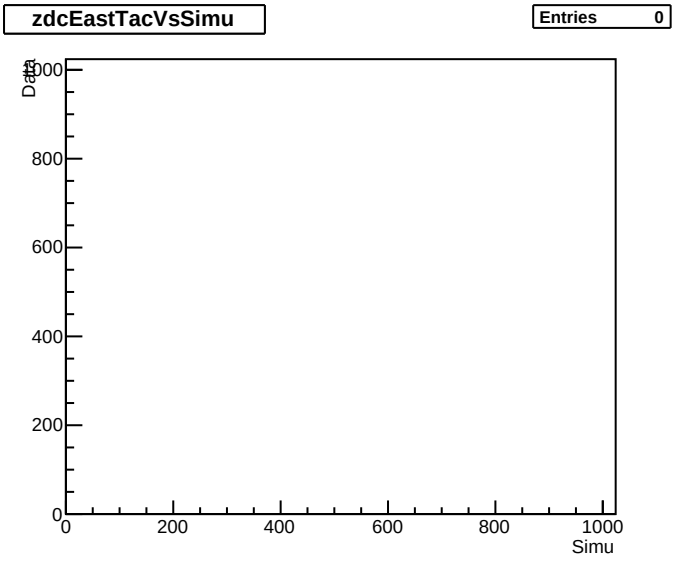
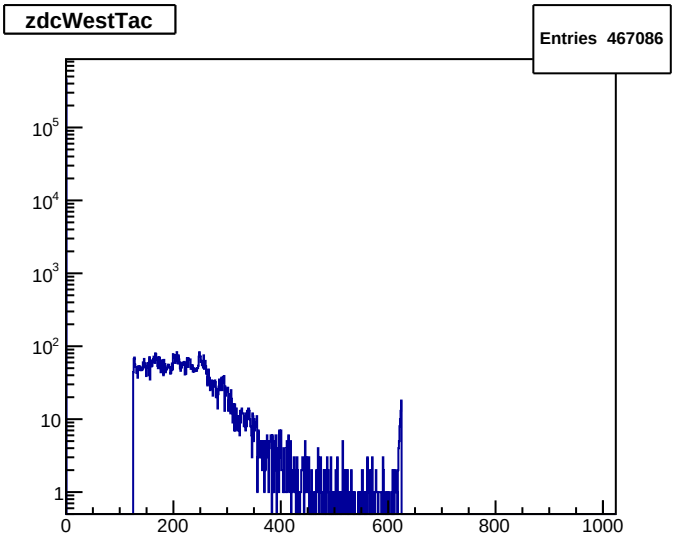
Entries 0
Data
Simu

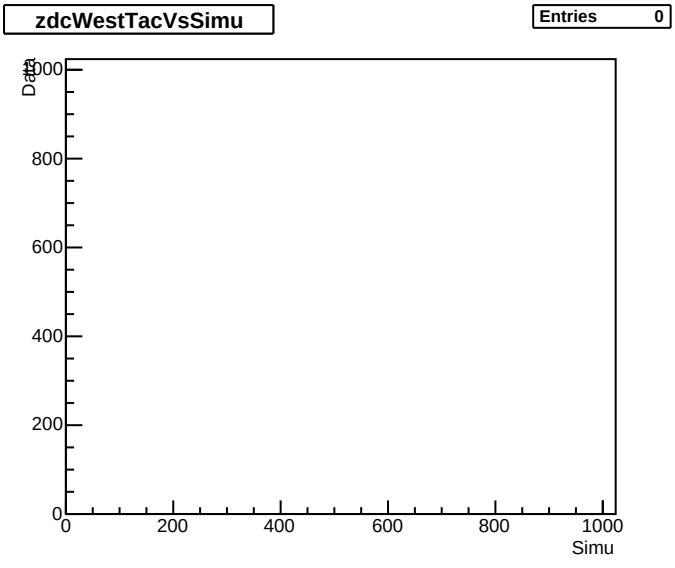

vpdWestTacMax
Entries 467086

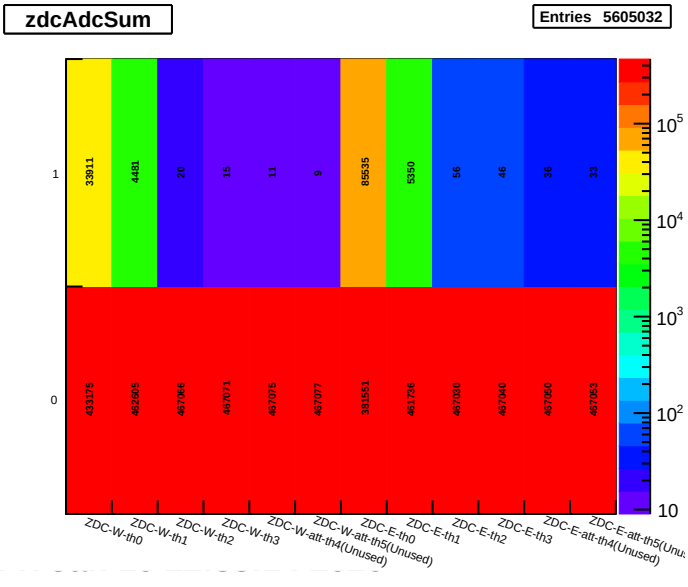

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

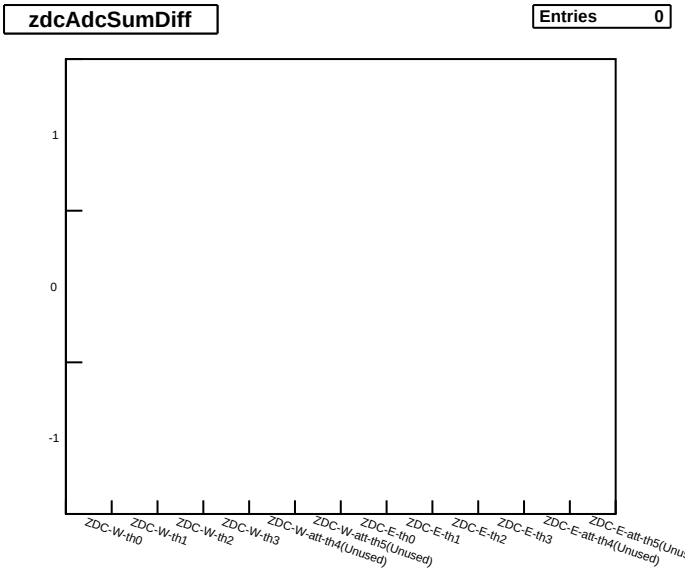

zdcEastTac
Entries 467086
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

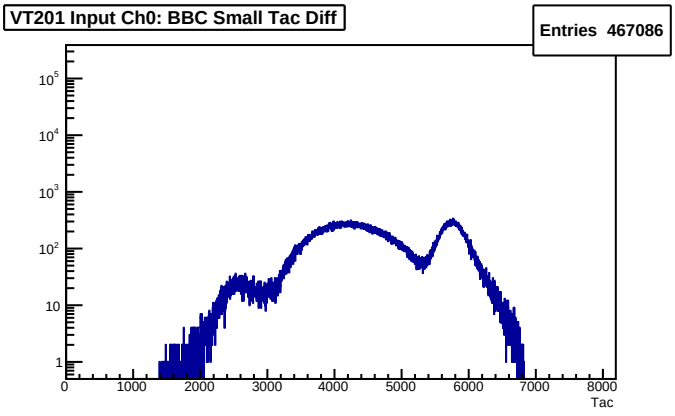

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

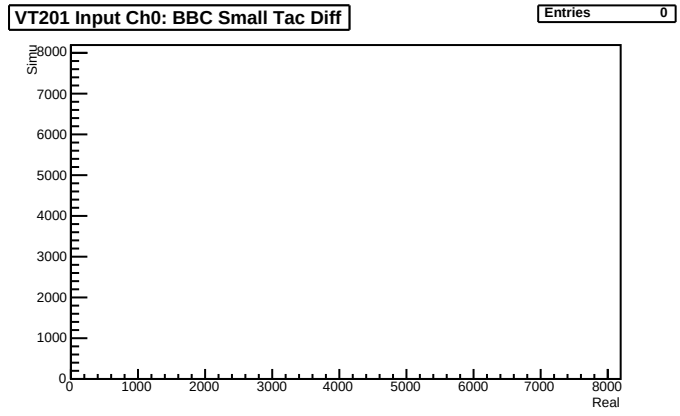

zdcWestTac
Entries 467086
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

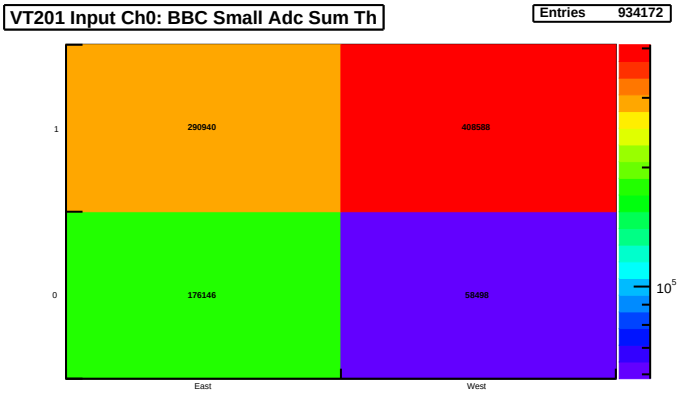

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

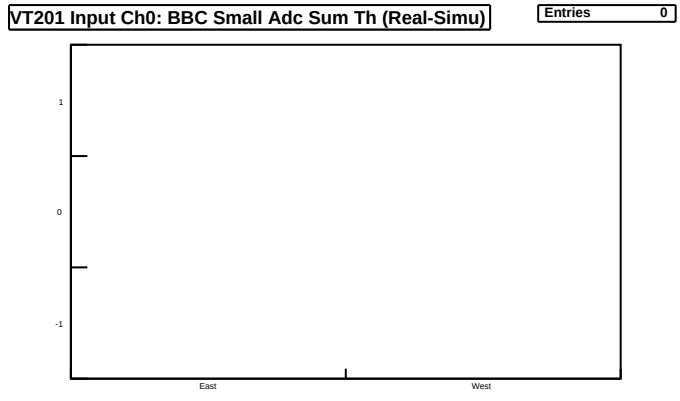

zdcAdcSum
Entries 5605032
1
0
33911
4481
20
15
11
9
85535
5350
56
46
36
33
433175
462605
467066
467071
467075
467077
381551
461736
467030
467040
467050
467053
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

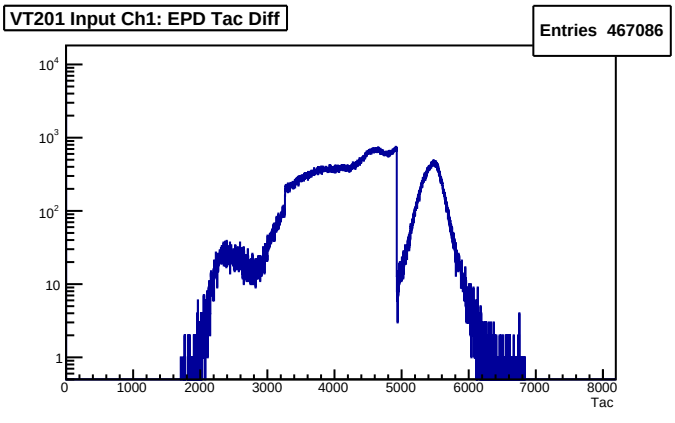

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

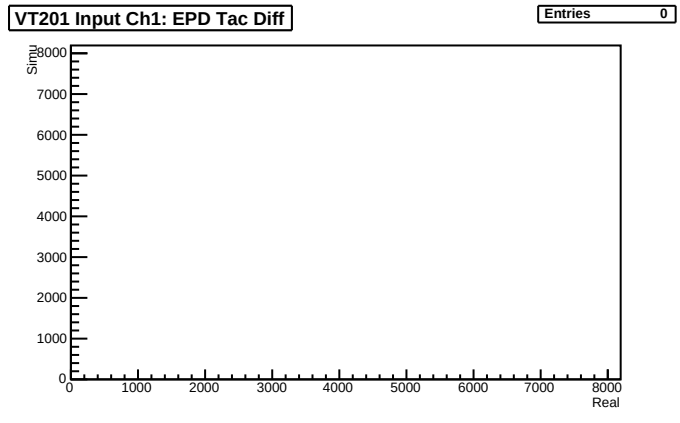

VT201 Input Ch0: BBC Small Tac Diff
Entries 467086
Tac

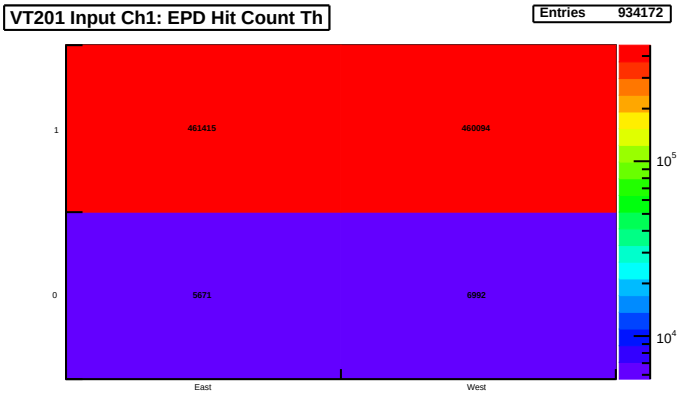

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

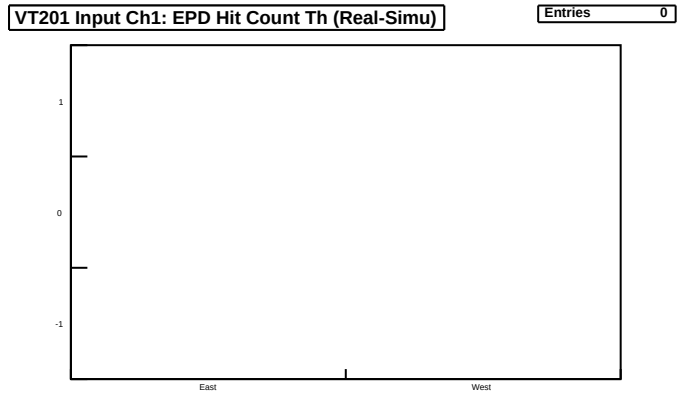

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 934172
290940
408588
176146
58498
East
West

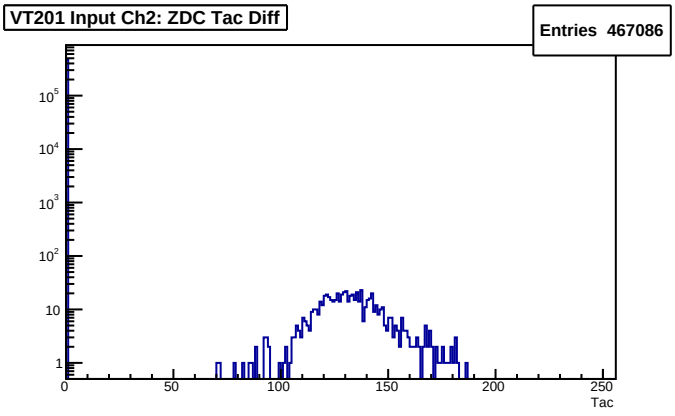

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

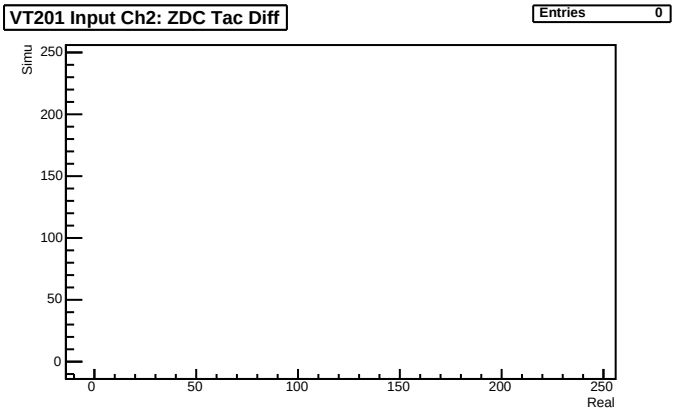

VT201 Input Ch1: EPD Tac Diff
Entries 467086
Tac

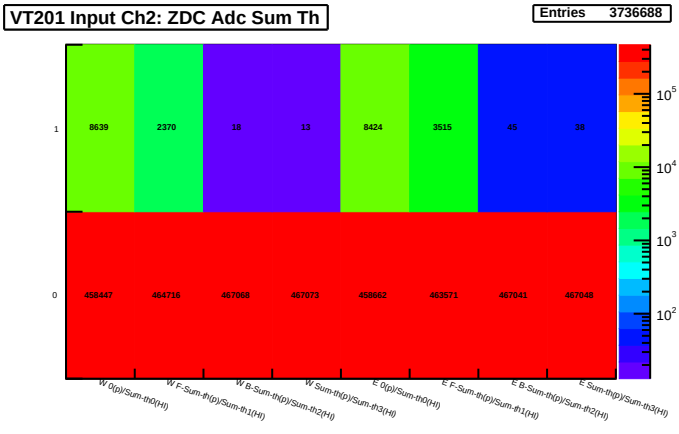

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

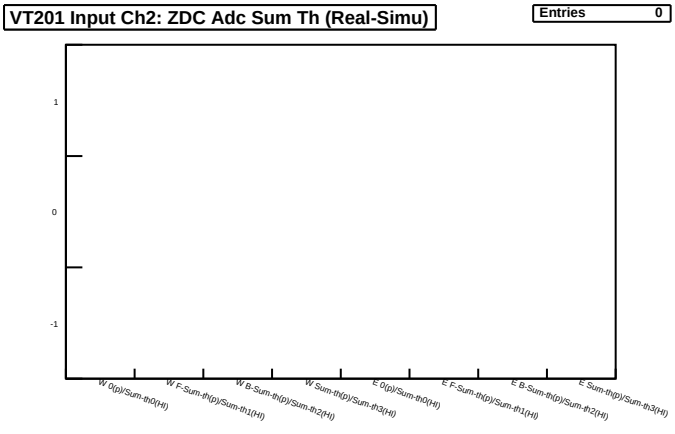

VT201 Input Ch1: EPD Hit Count Th
Entries 934172
461415
460094
5671
6992
East
West

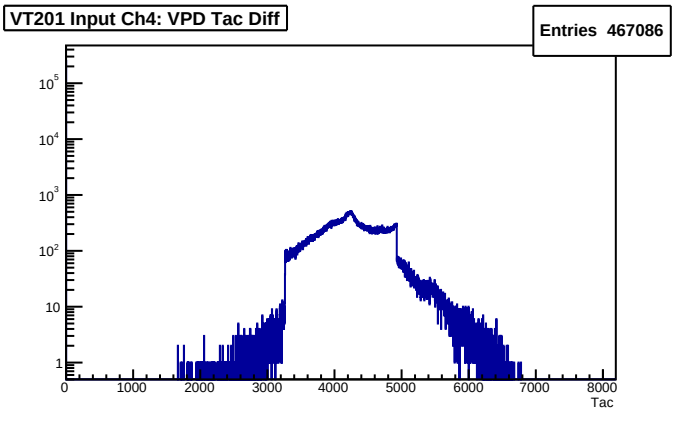

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

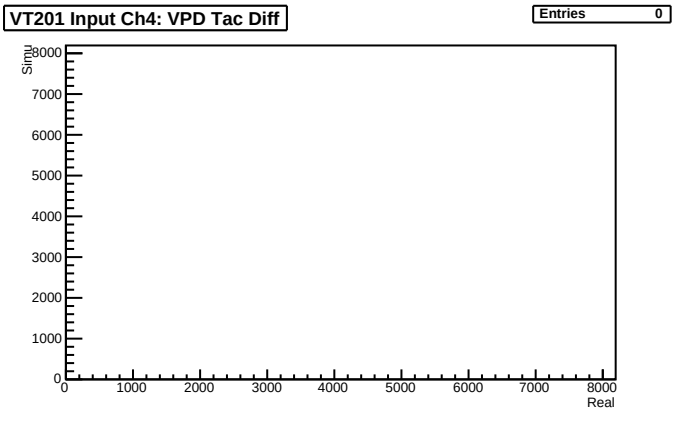

VT201 Input Ch2: ZDC Tac Diff
Entries 467086
Tac

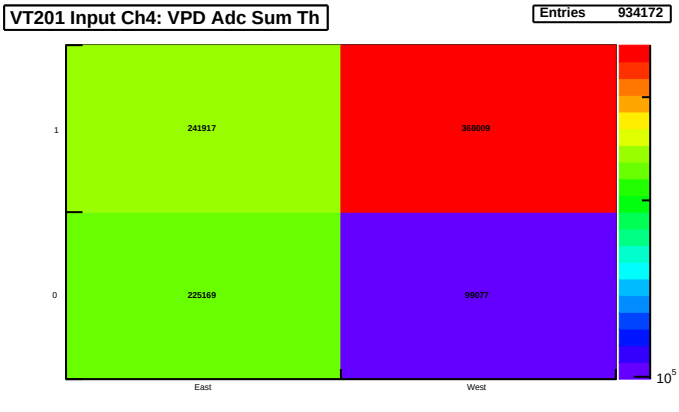

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

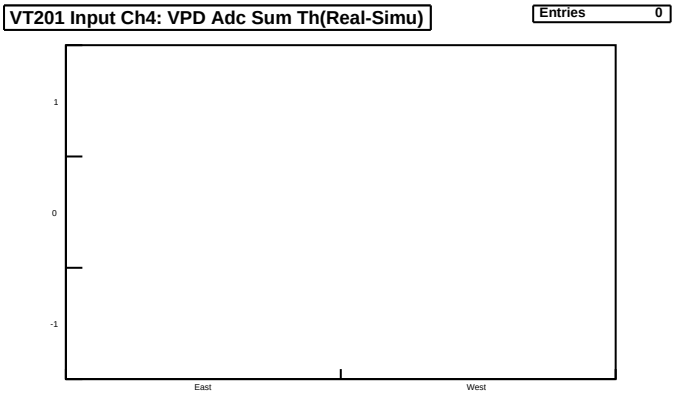

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3736688
8639
2370
18
13
8424
3515
45
38
458447
464716
467068
467073
458662
463571
467041
467048
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

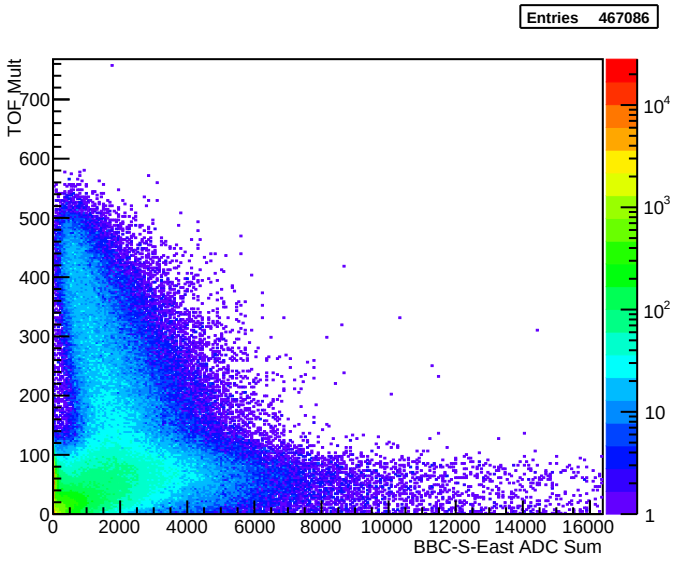

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

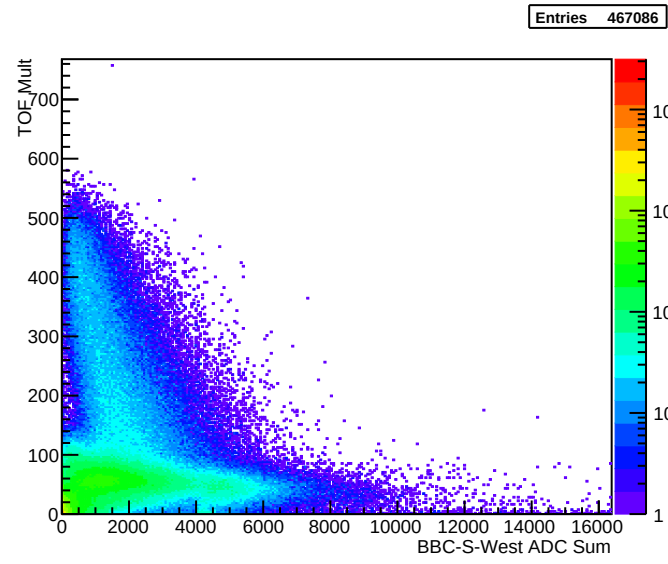

VT201 Input Ch4: VPD Tac Diff
Entries 467086
Tac

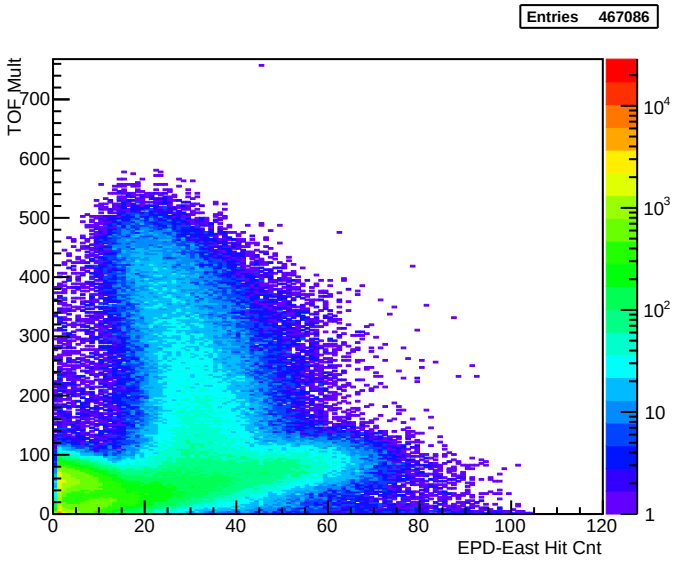

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

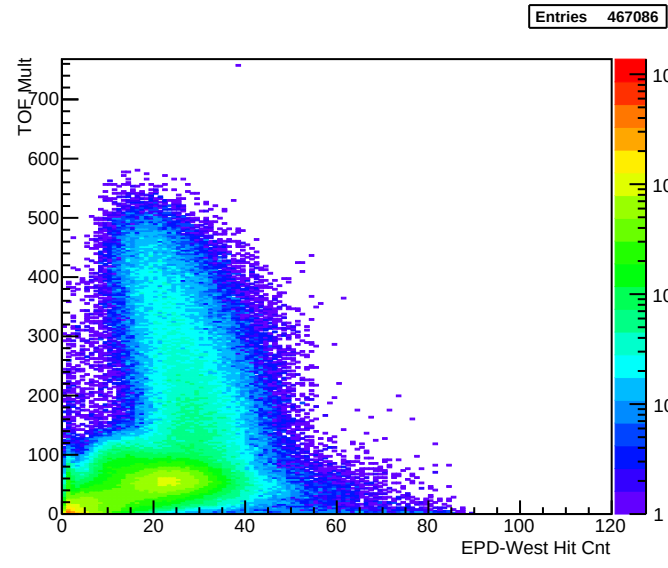

VT201 Input Ch4: VPD Adc Sum Th
Entries 934172
241917
368009
225169
99077
East
West

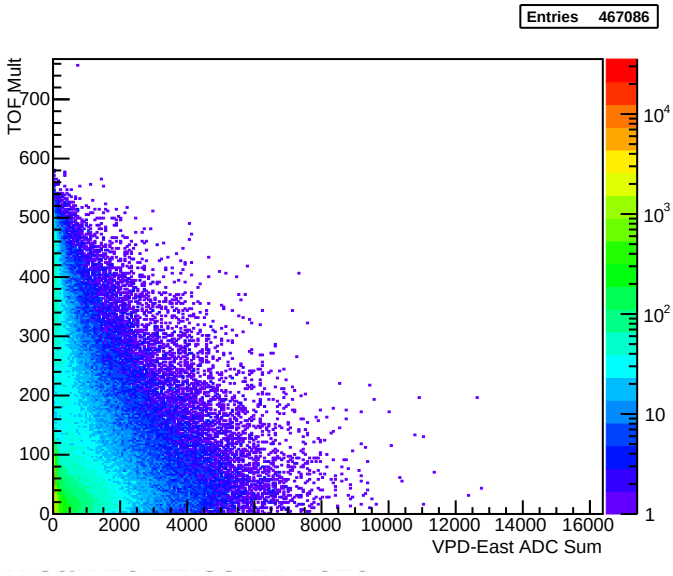

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

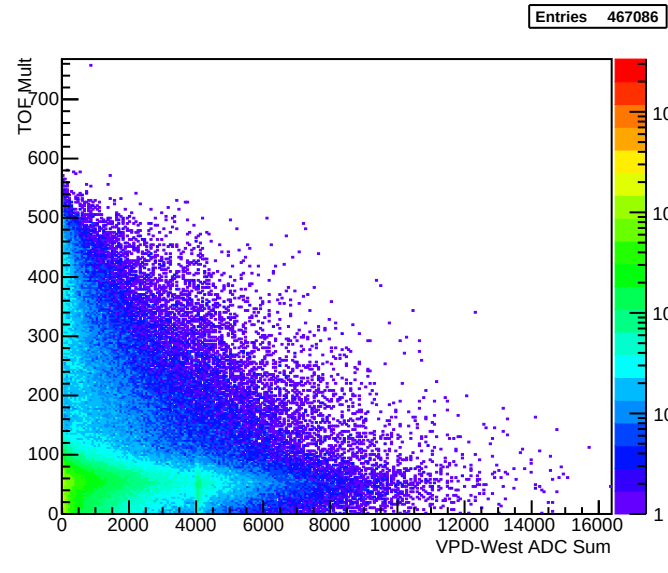

Entries 467086
TOF_Mult
BBC-S-East ADC Sum

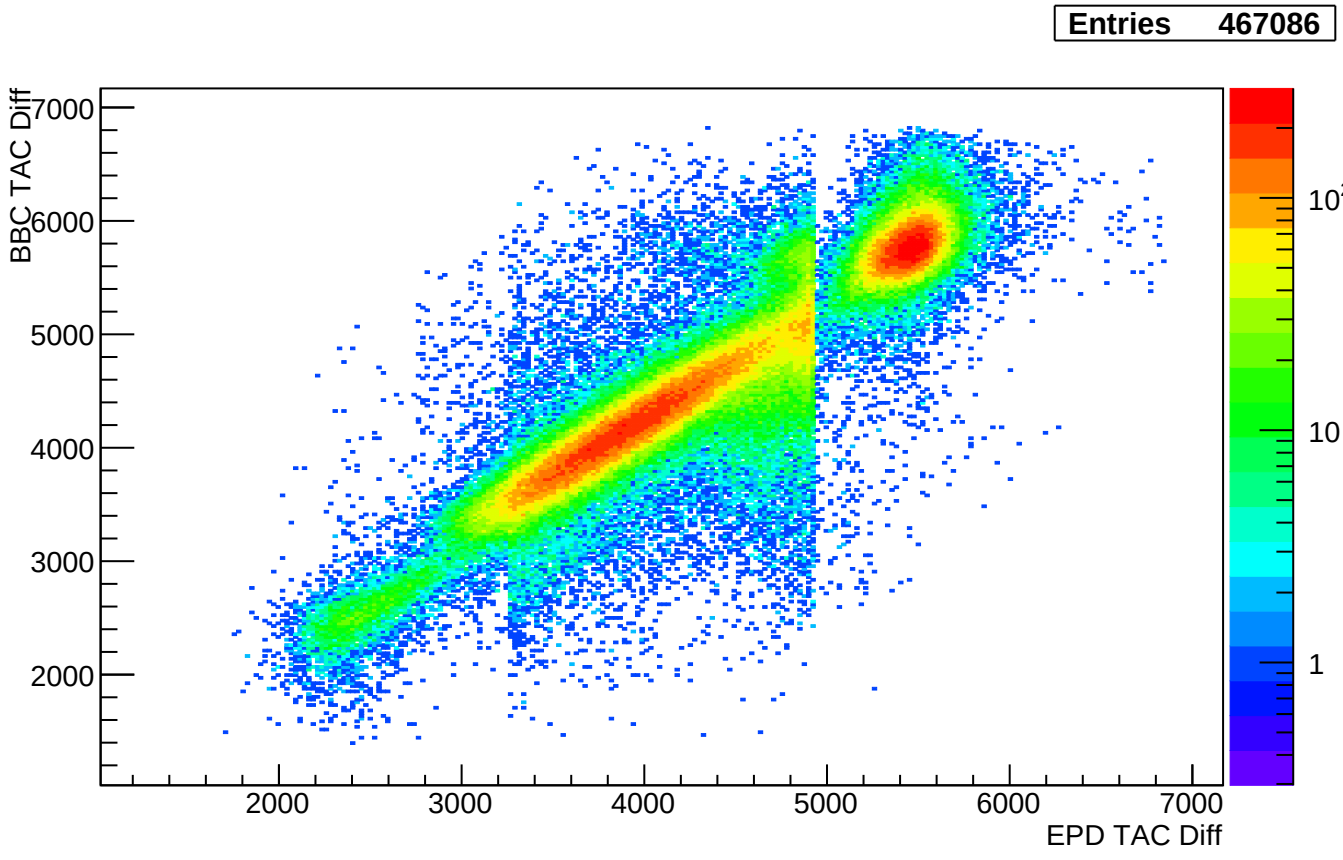

Entries 467086
TOF_Mult
BBC-S-West ADC Sum

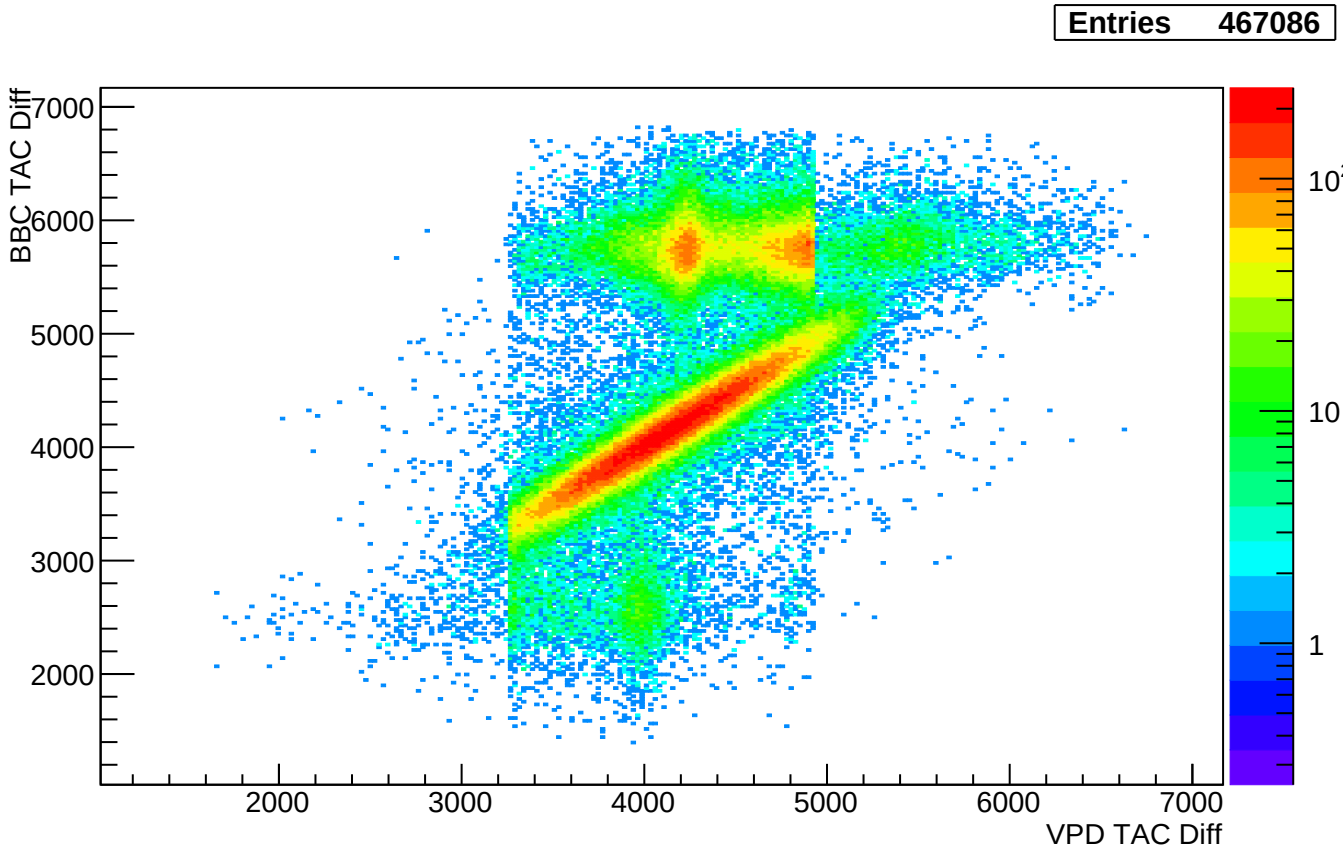

Entries 467086
TOF_Mult
EPD-East Hit Cnt

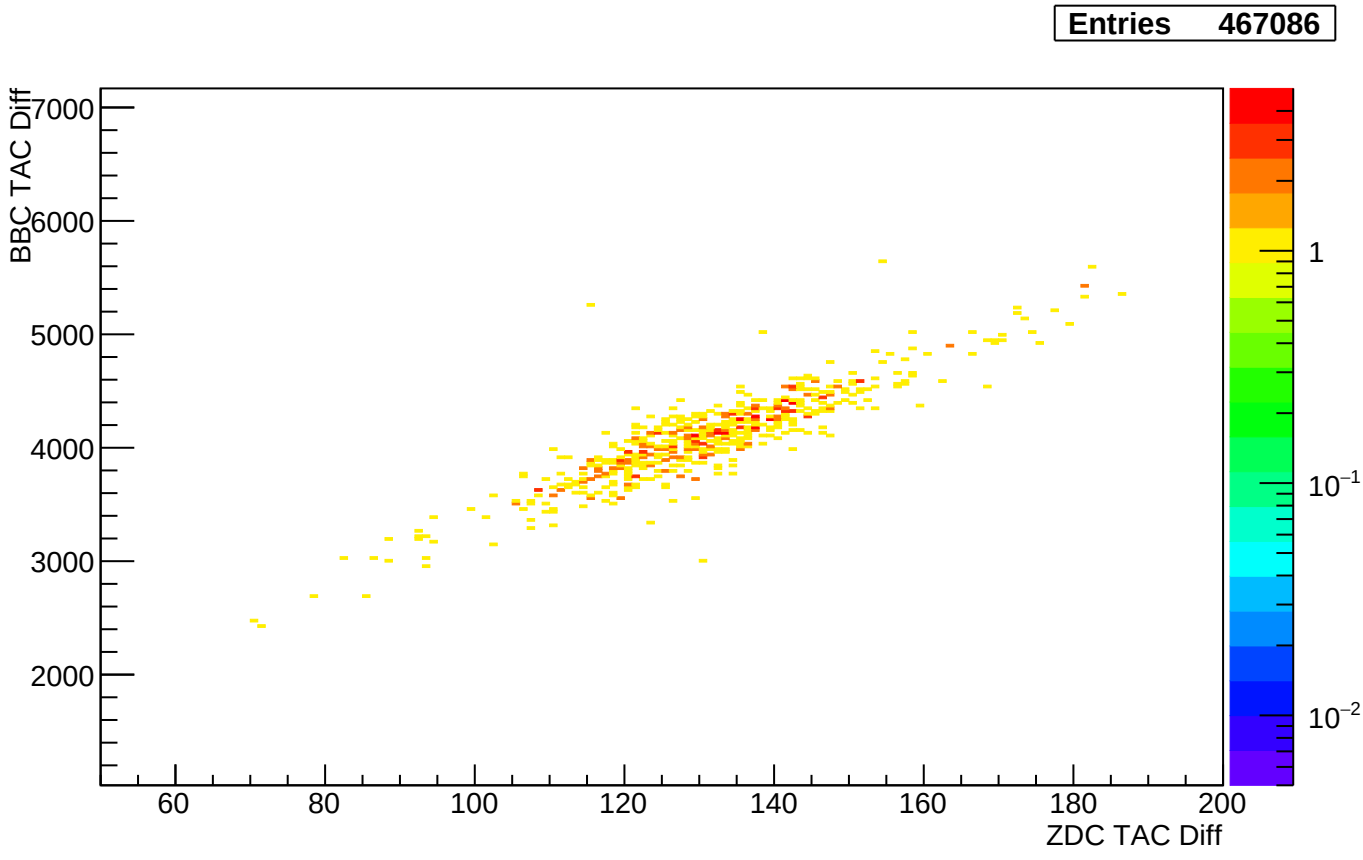

Entries 467086
TOF_Mult
EPD-West Hit Cnt

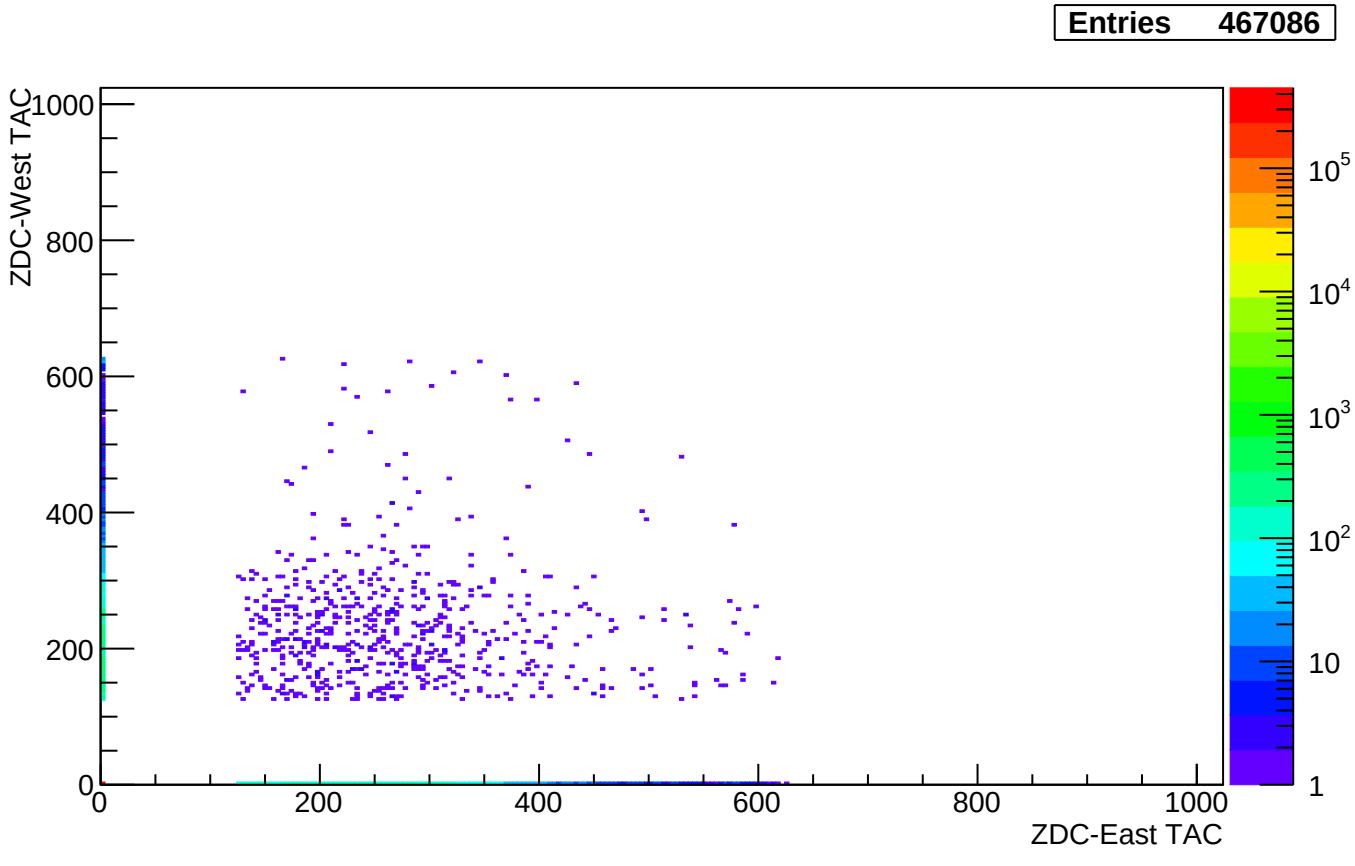

Entries 467086
TOF_Mult
VPD-East ADC Sum

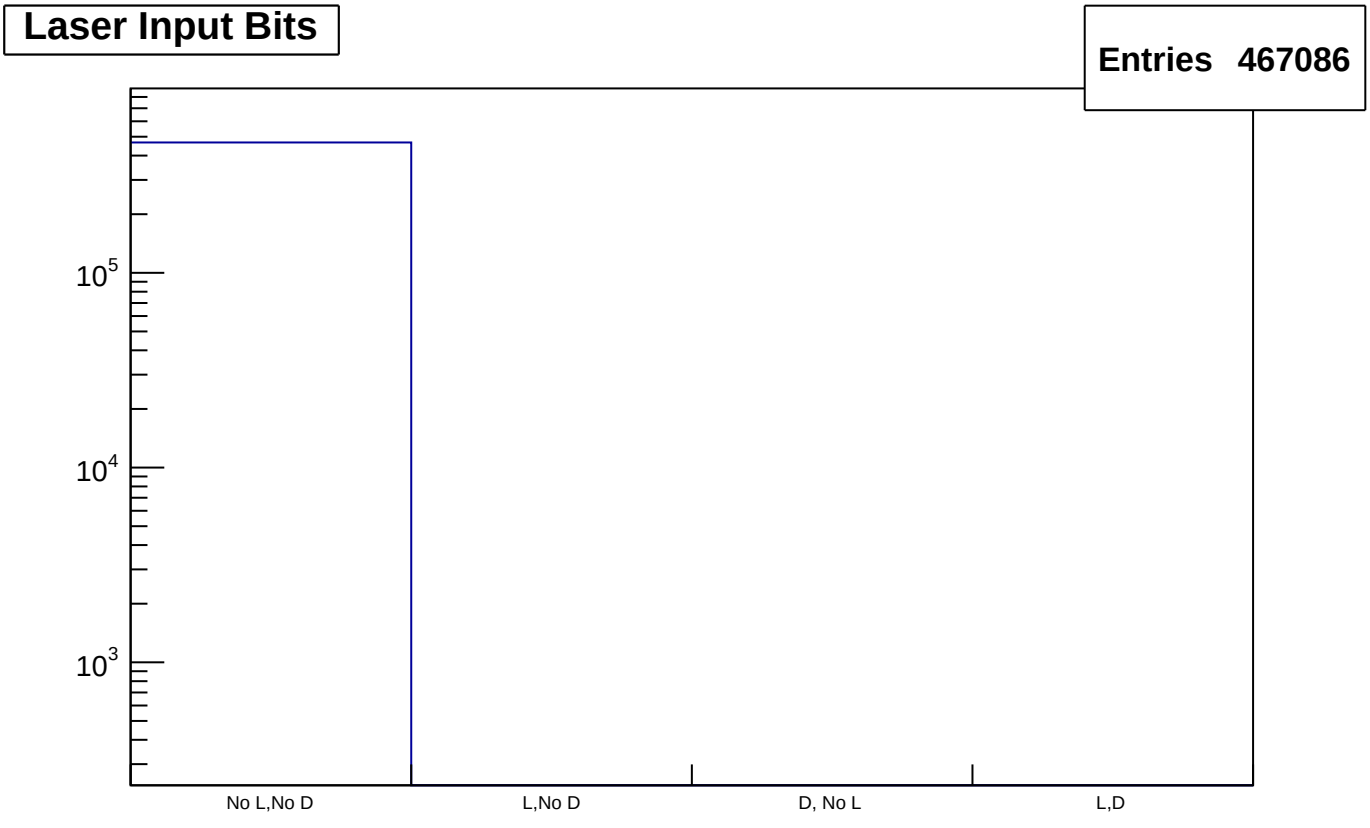

Entries 467086
TOF_Mult
VPD-West ADC Sum

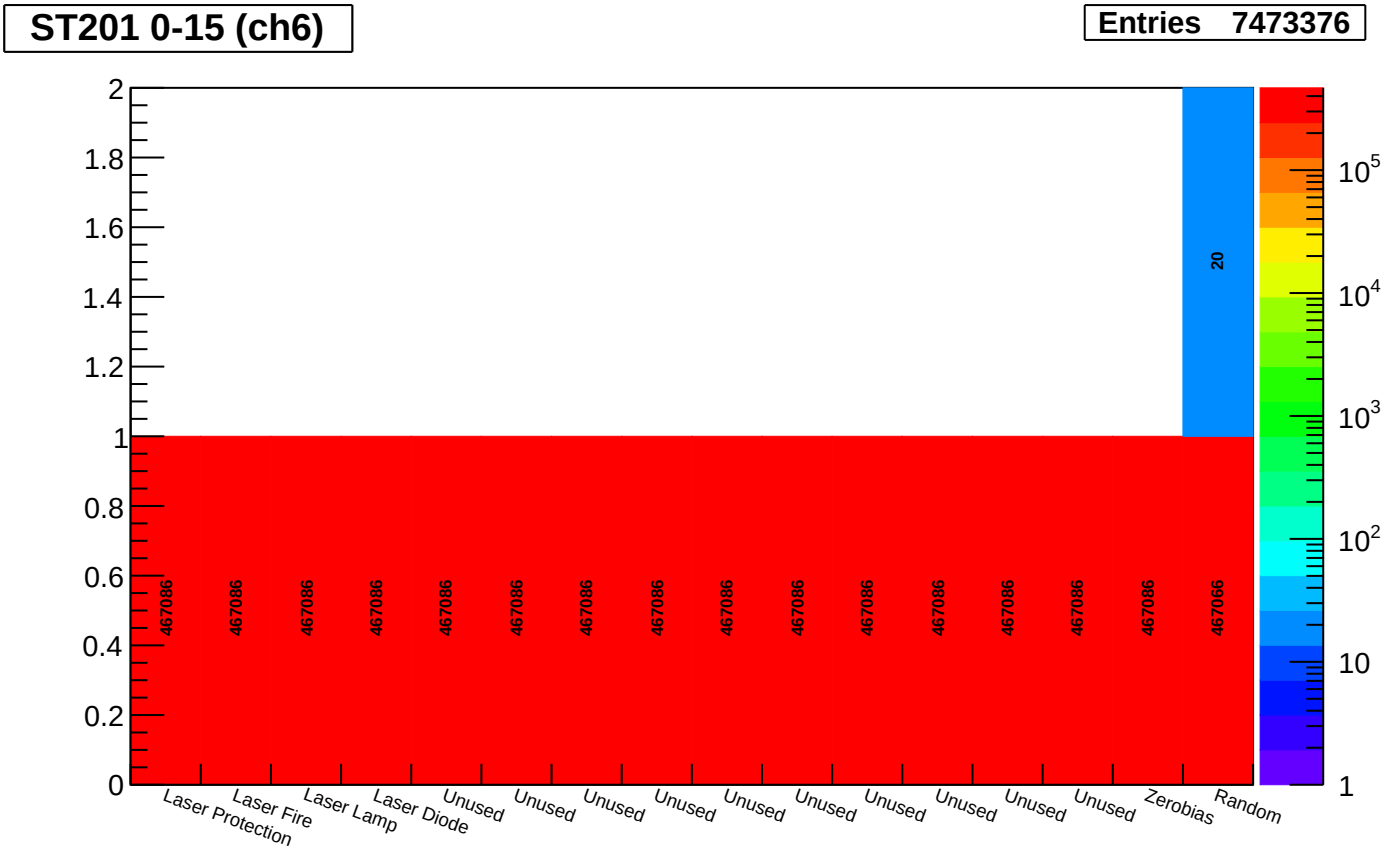

Entries 467086
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

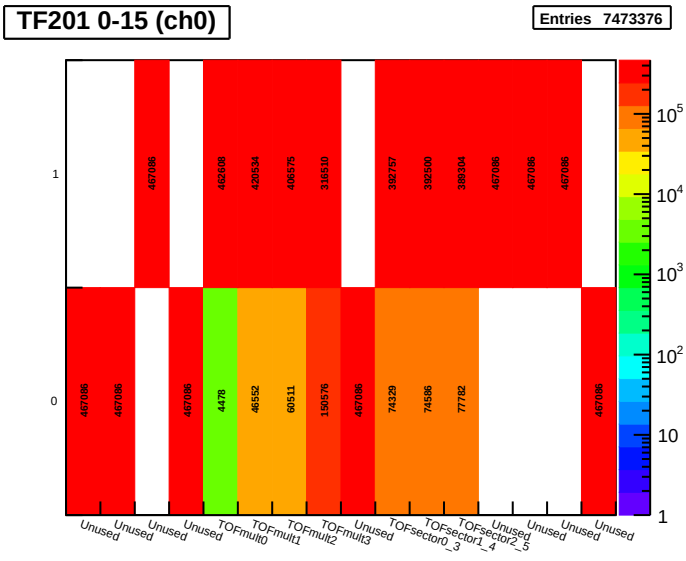

Entries 467086
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

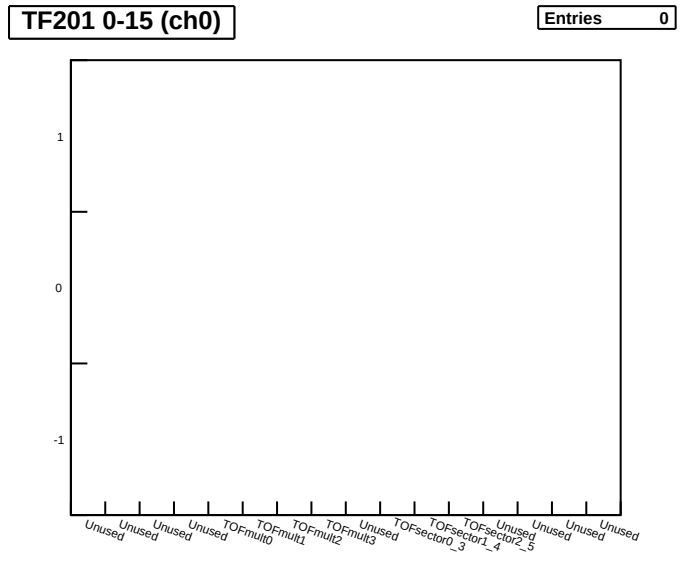

Entries 467086
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

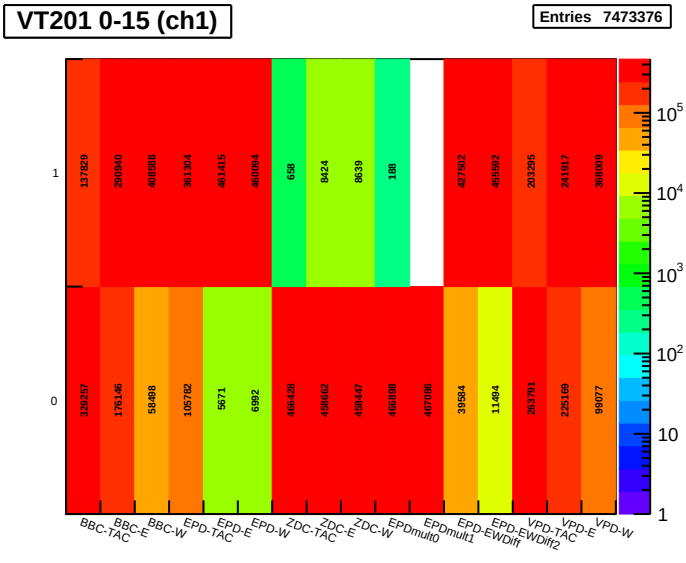

Entries 467086
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

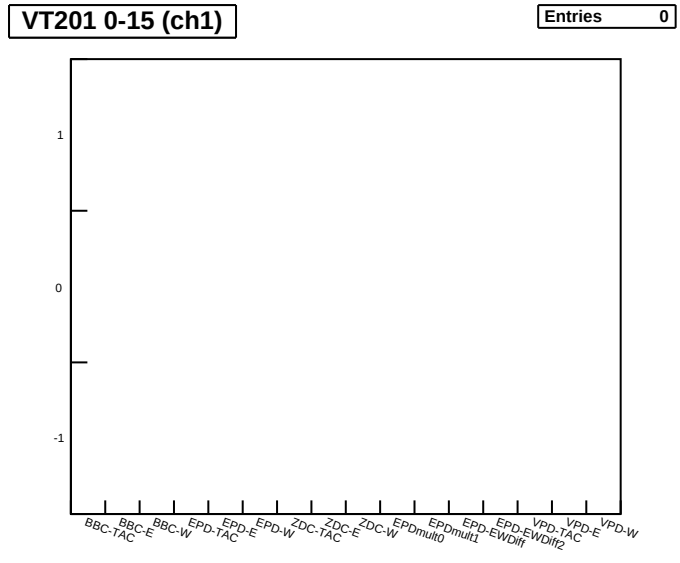

Laser Input Bits
Entries 467086
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

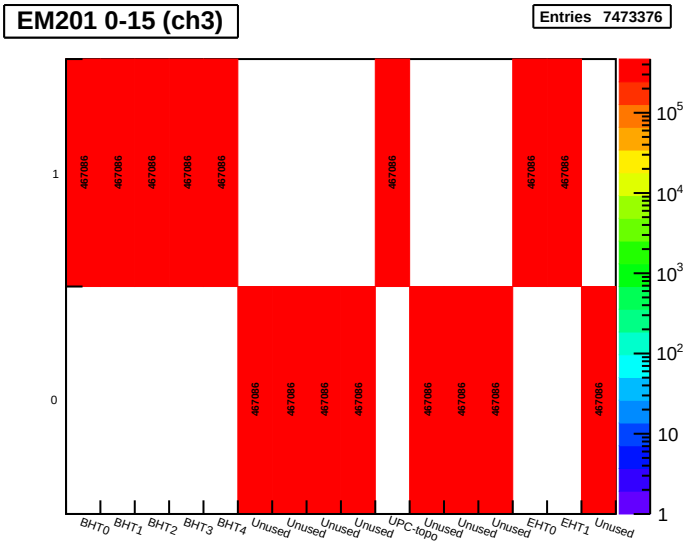

ST201 0-15 (ch6)
Entries 7473376
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
20
467086
467066
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

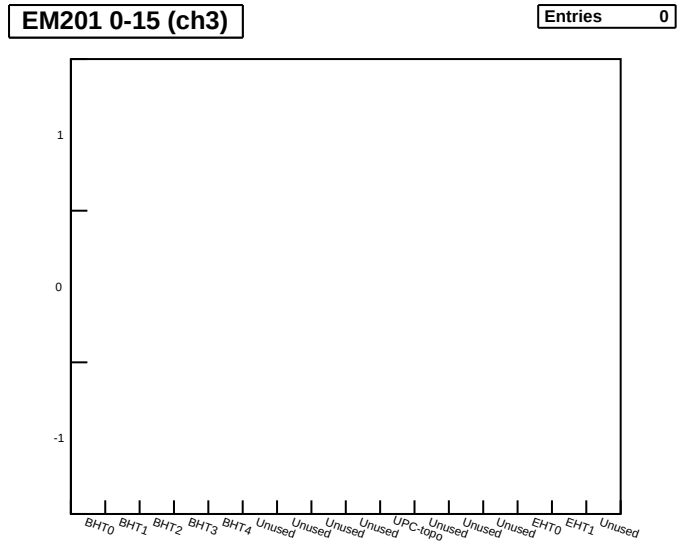

TF201 0-15 (ch0)
Entries 7473376
1
0
467086 467086 467086 4478 46552 60511 150576 467086 74329 74586 77782 467086
467086 462608 420534 406575 316510 392757 392500 389304 467086 467086 467086
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 7473376
1
0
329257 176146 58498 105782 5671 6992 466428 459662 458447 466898 467086 39584 11494 263791 225169 99077
137829 290940 408588 361304 461415 460094 658 8424 8639 188 427502 455592 203295 241917 368009
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 7473376
1
0
467086 467086 467086 467086 467086 467086 467086 467086 467086 467086 467086 467086 467086 467086 467086 467086 467086 467086 467086 467086
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