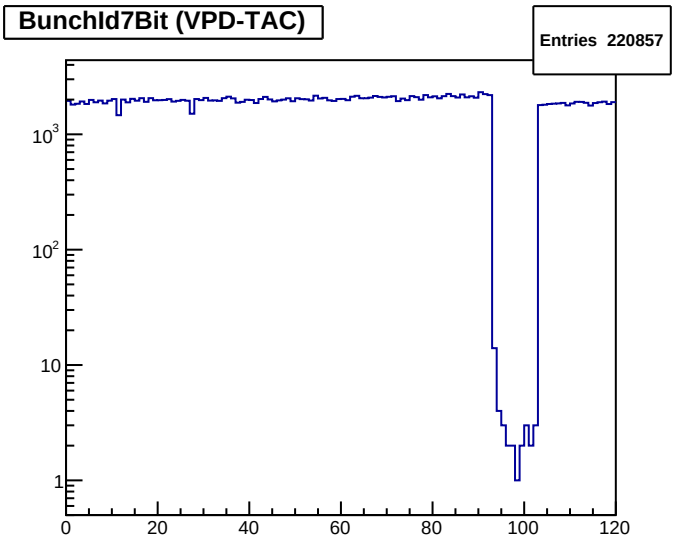
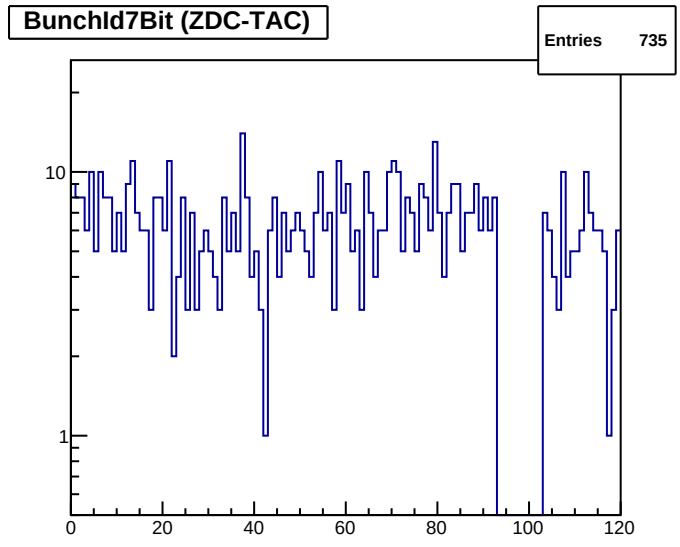
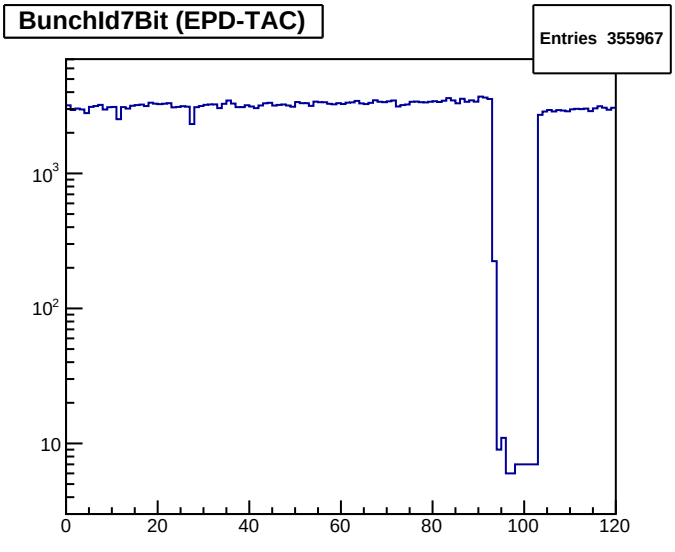
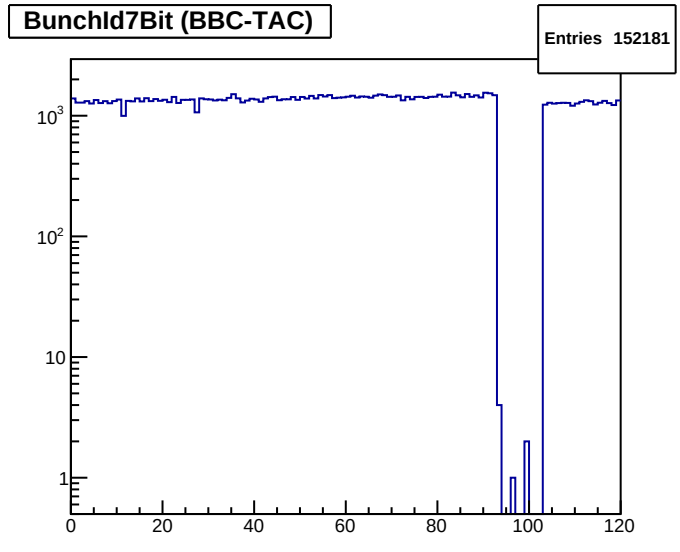
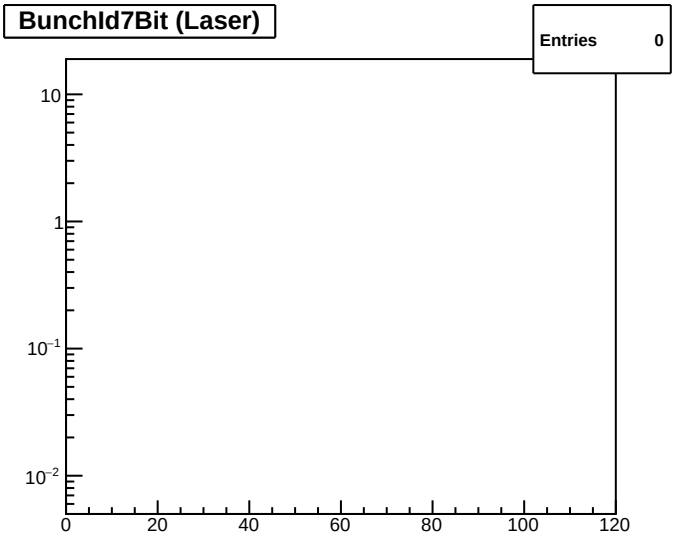
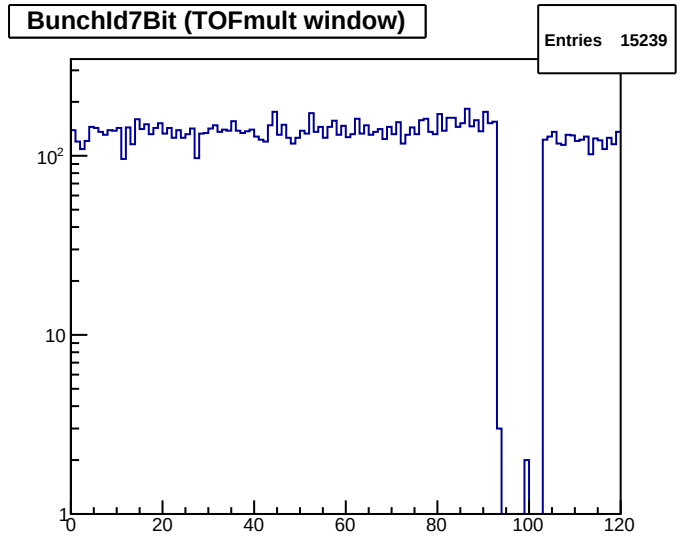

BunchId7Bit (VPD-TAC)
Entries 220857

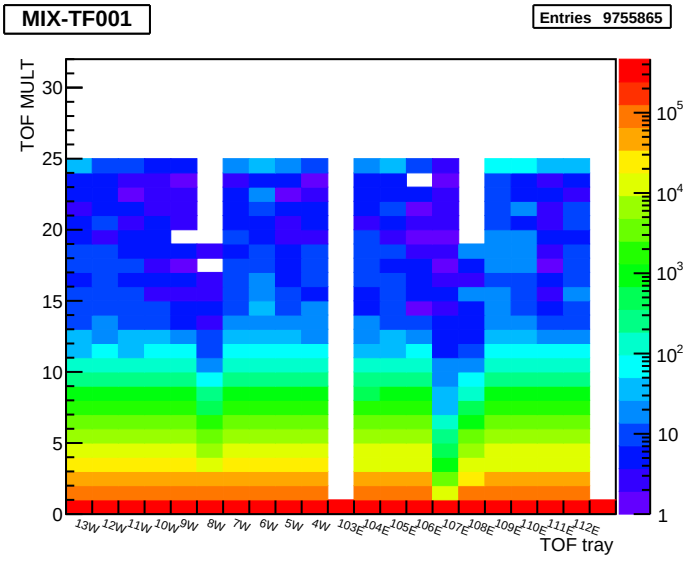

BunchId7Bit (ZDC-TAC)
Entries 735

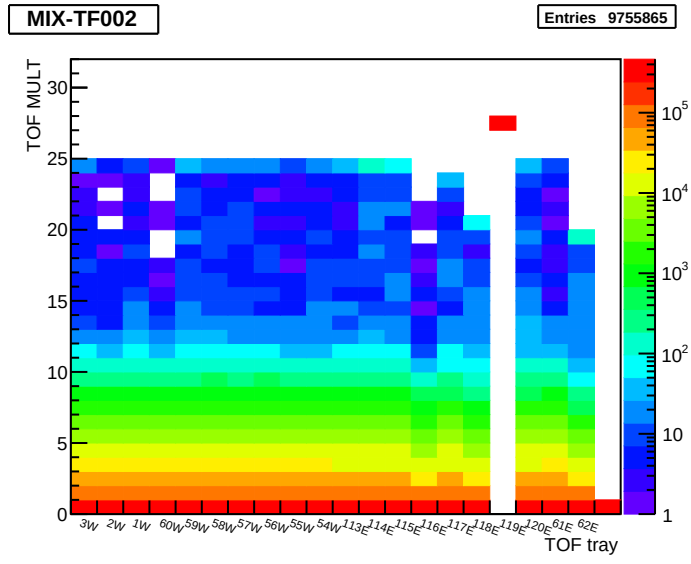

BunchId7Bit (EPD-TAC)
Entries 355967

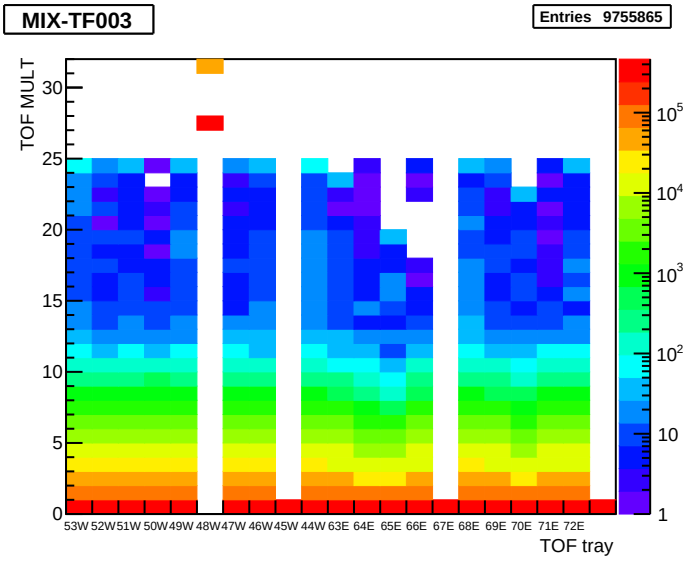

BunchId7Bit (BBC-TAC)
Entries 152181

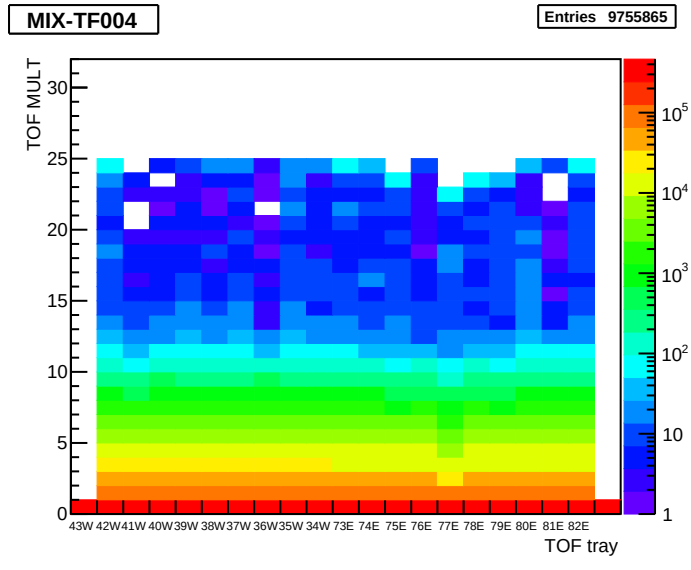

BunchId7Bit (Laser)
Entries 0

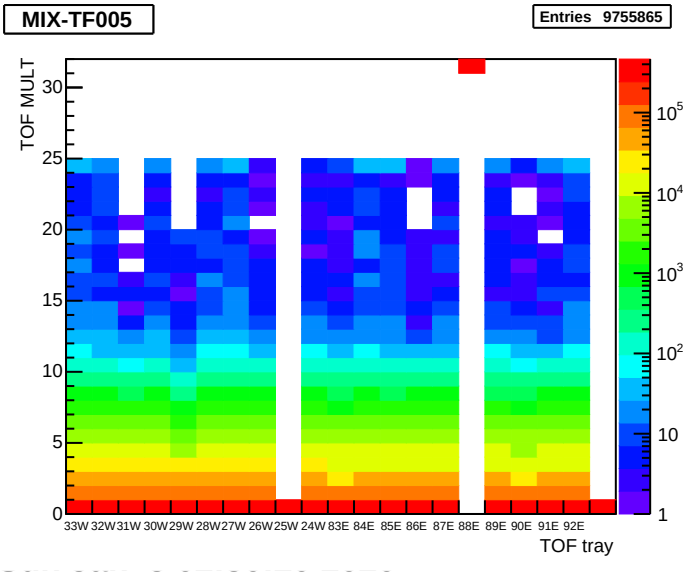

BunchId7Bit (TOFmult window)
Entries 15239

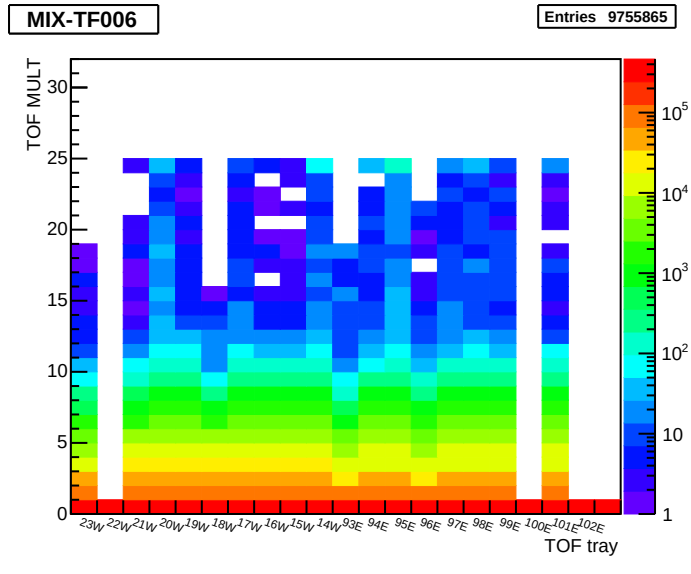

MIX-TF001
Entries 9755865
TOF MULT
TOF tray

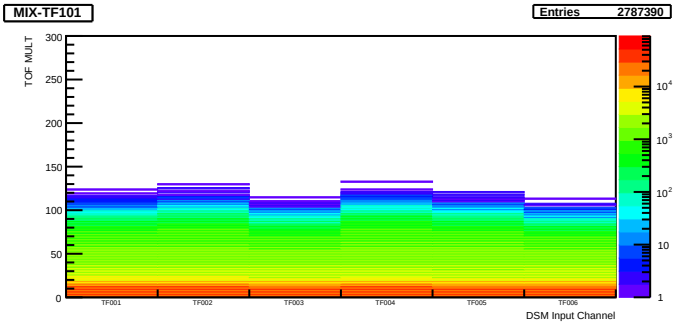

MIX-TF002
Entries 9755865
TOF MULT
TOF tray

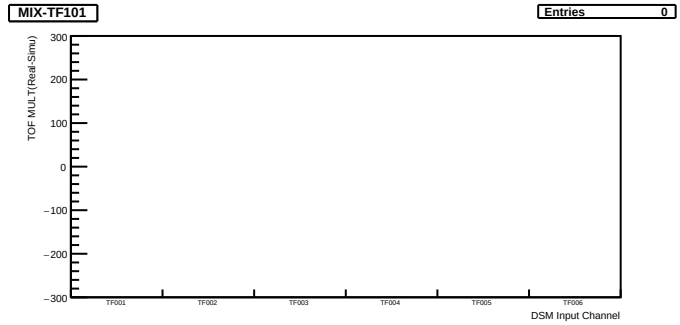

MIX-TF003
Entries 9755865
TOF MULT
TOF tray

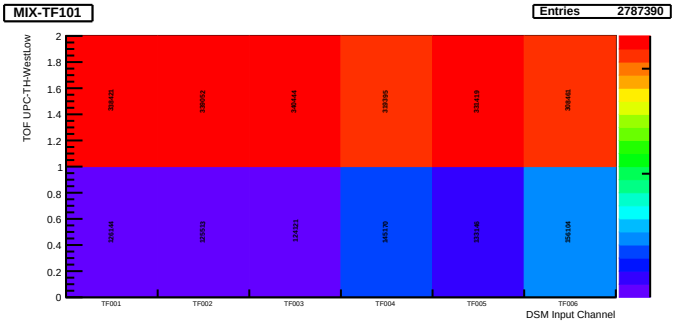

MIX-TF004
Entries 9755865
TOF MULT
TOF tray

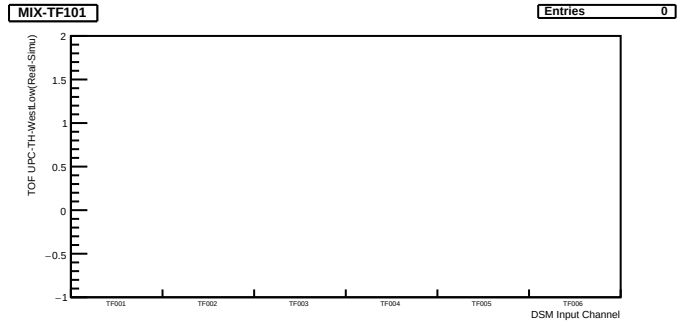

MIX-TF005
Entries 9755865
TOF MULT
TOF tray

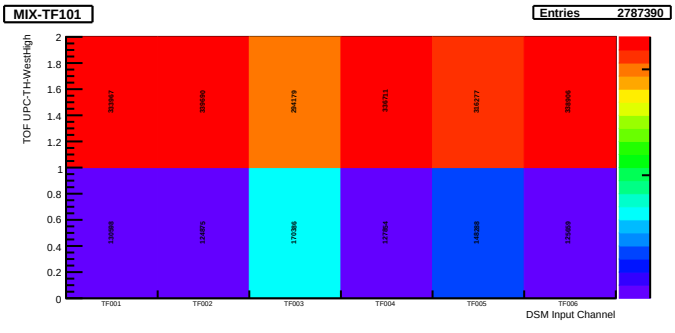

MIX-TF006
Entries 9755865
TOF MULT
TOF tray

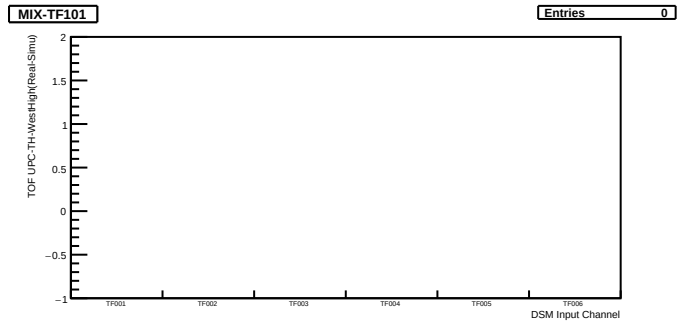

MIX-TF101
Entries 2787390
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

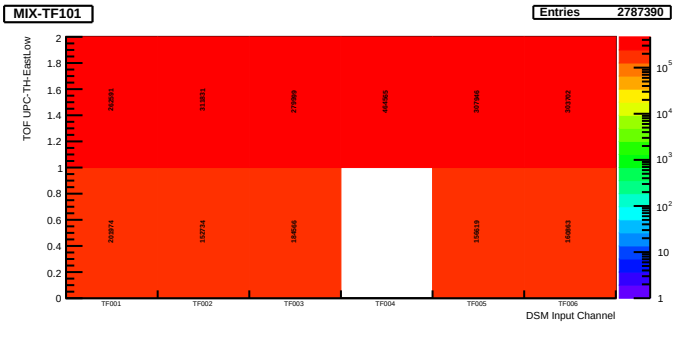

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

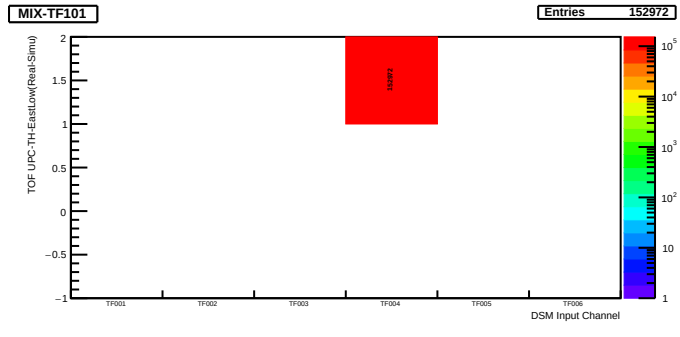

MIX-TF101
Entries 2787390
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

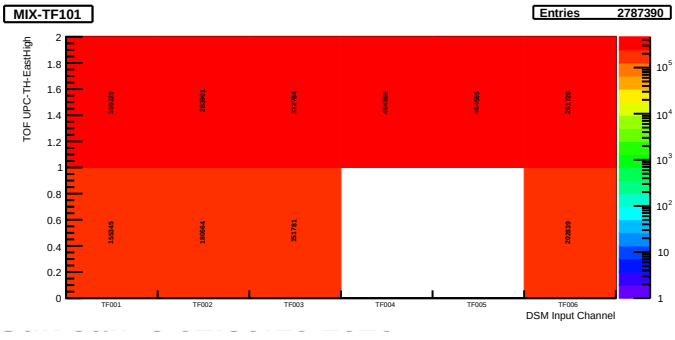

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

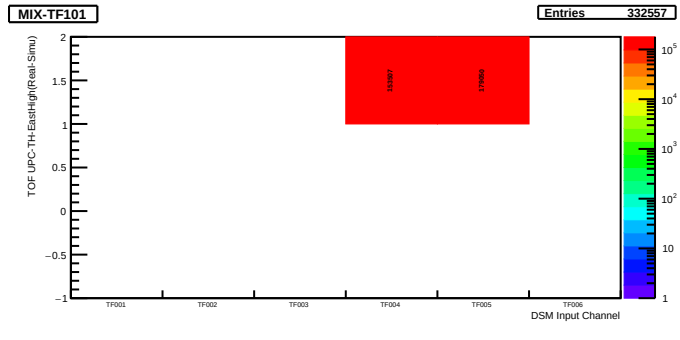

MIX-TF101
Entries 2787390
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

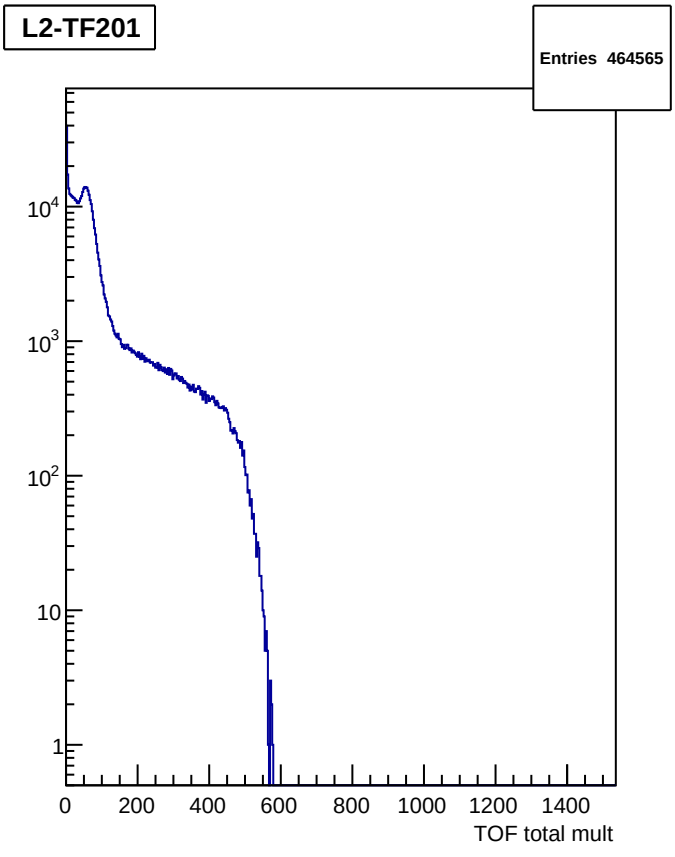

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

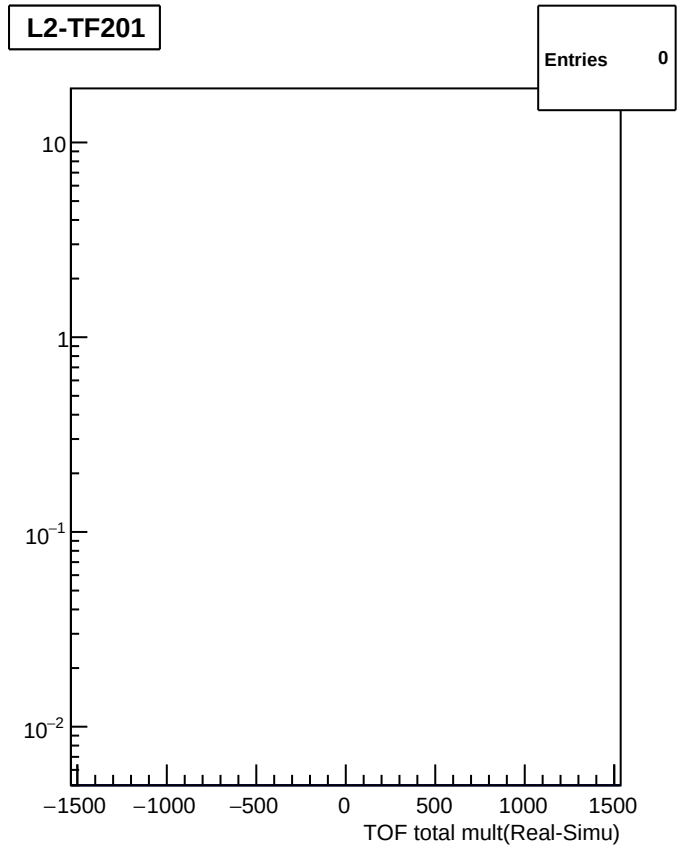

MIX-TF101
Entries 2787390
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

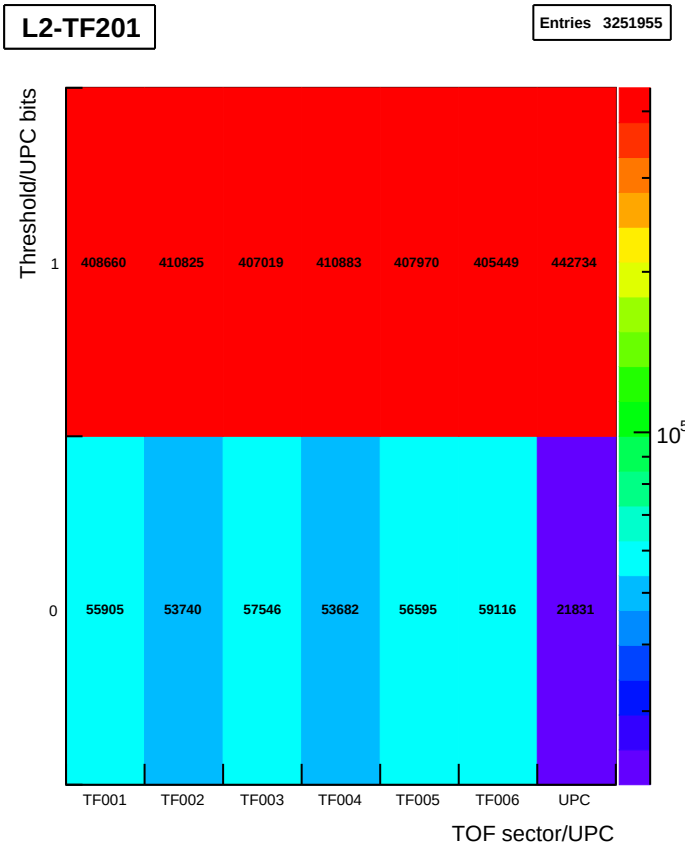

MIX-TF101
Entries 152972
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

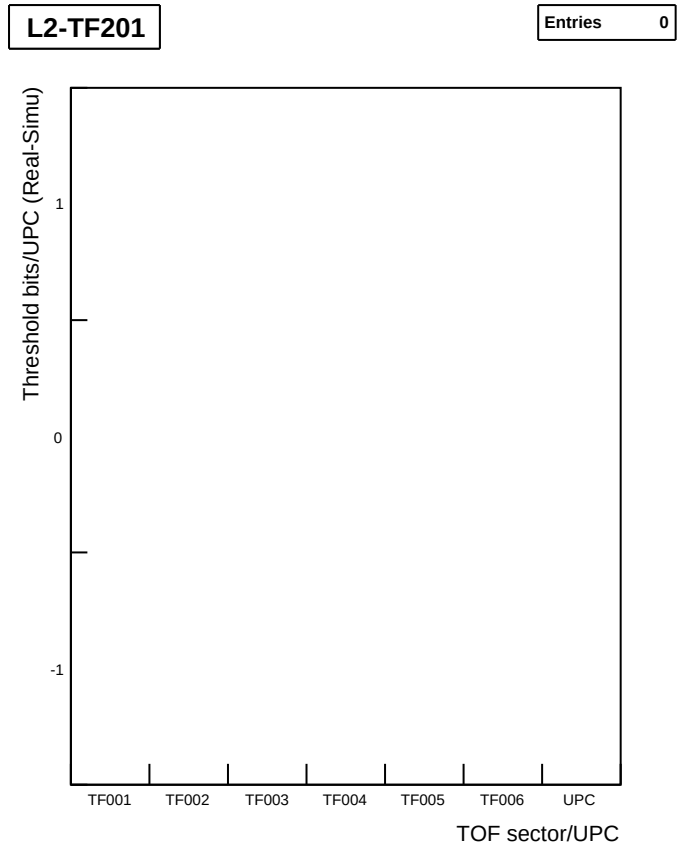

MIX-TF101
Entries 2787390
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

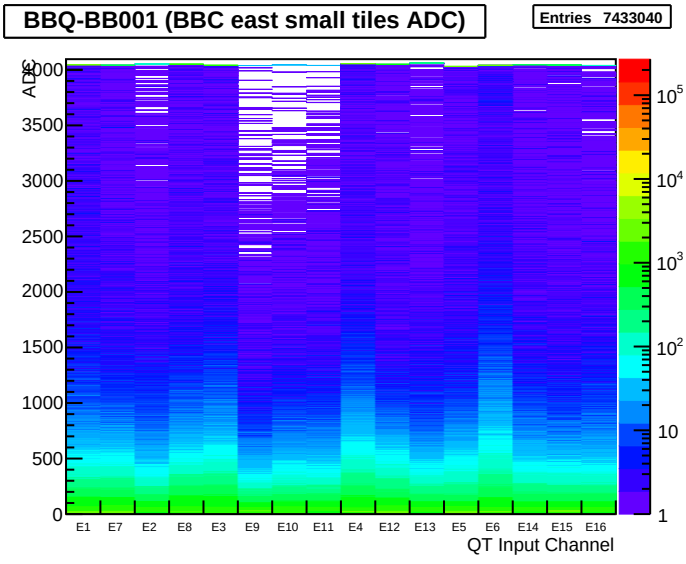

MIX-TF101
Entries 332557
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

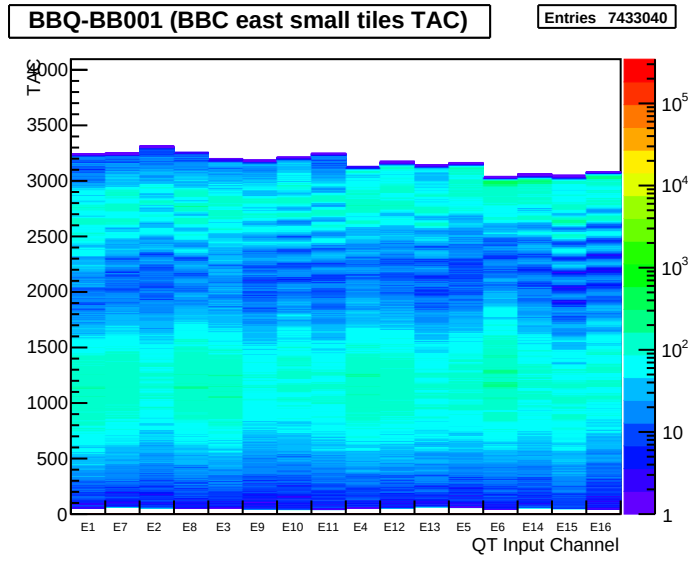

L2-TF201
Entries 464565
TOF total mult

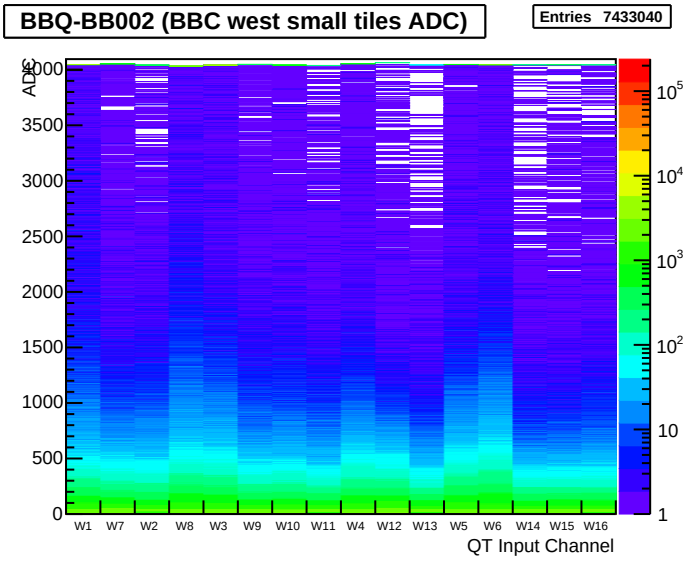

L2-TF201
Entries 0
TOF total mult(Real-Simu)

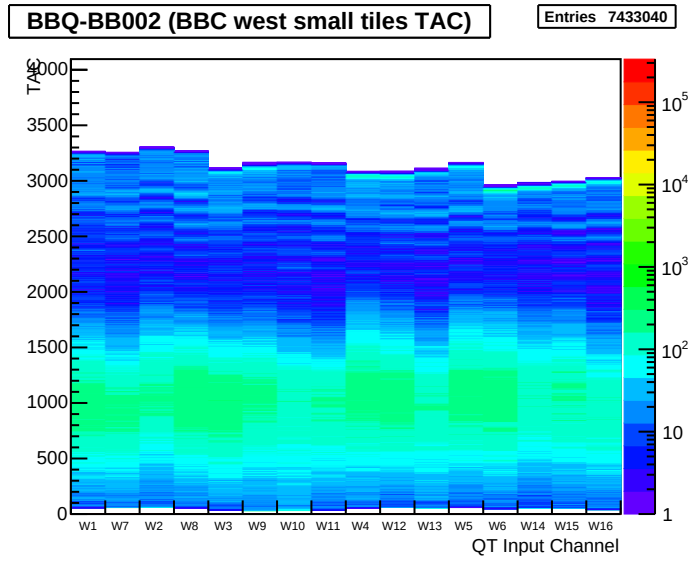

L2-TF201
Entries 3251955
Threshold/UPC bits
408660
410825
407019
410883
407970
405449
442734
55905
53740
57546
53682
56595
59116
21831
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

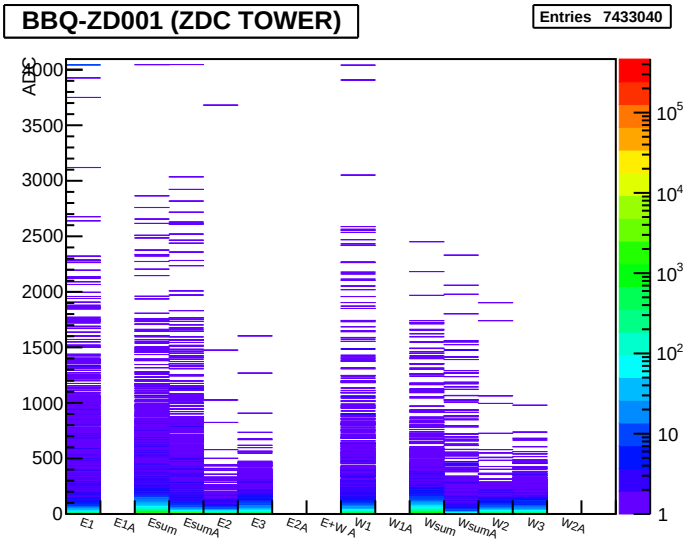

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

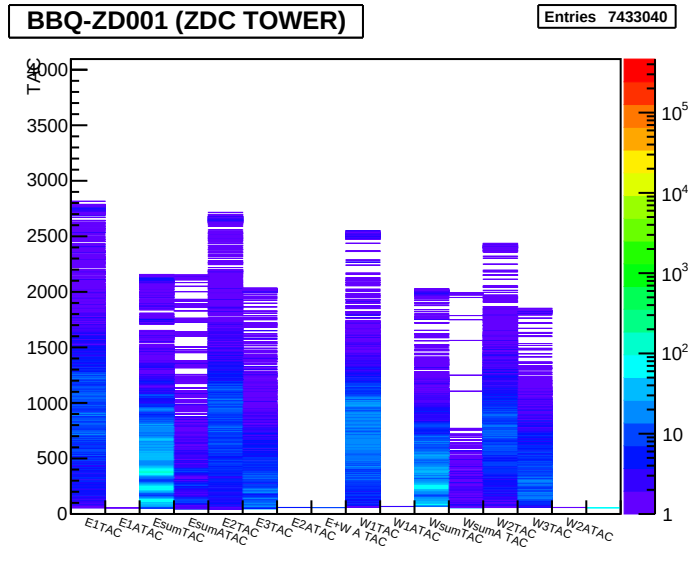

BBQ-BB001 (BBC east small tiles ADC)
Entries 7433040
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

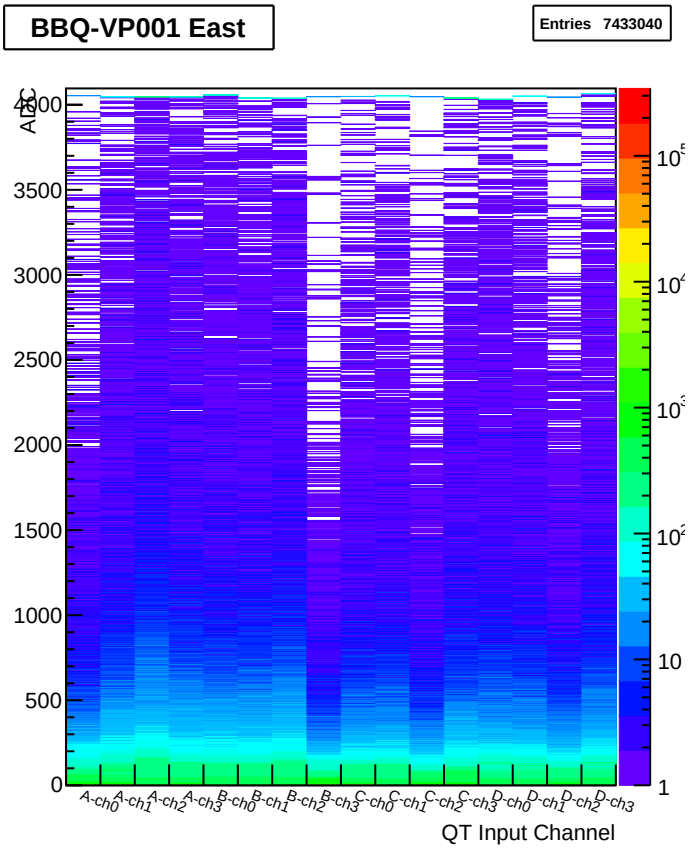

BBQ-BB001 (BBC east small tiles TAC)
Entries 7433040
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

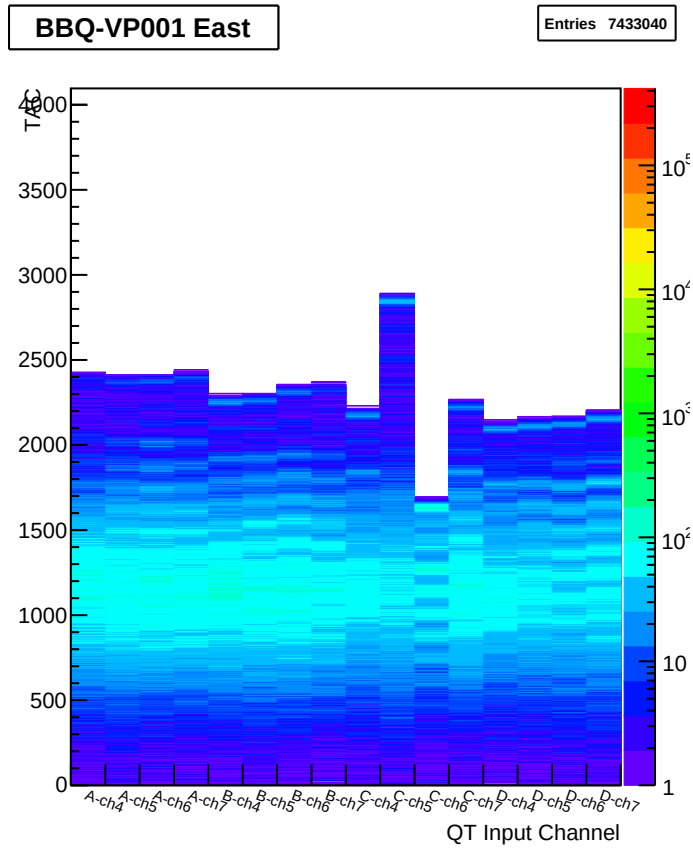

BBQ-BB002 (BBC west small tiles ADC)
Entries 7433040
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

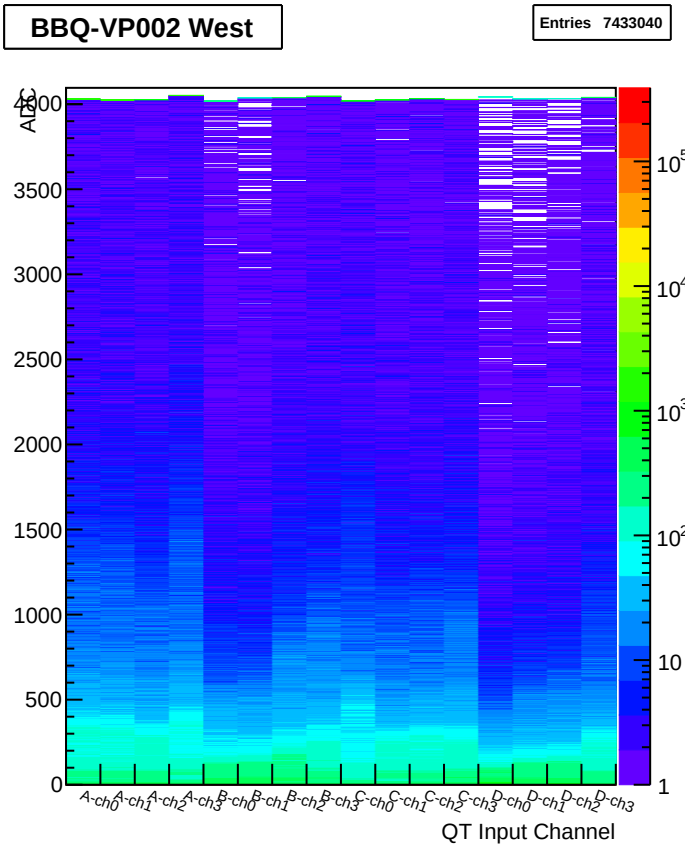

BBQ-BB002 (BBC west small tiles TAC)
Entries 7433040
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

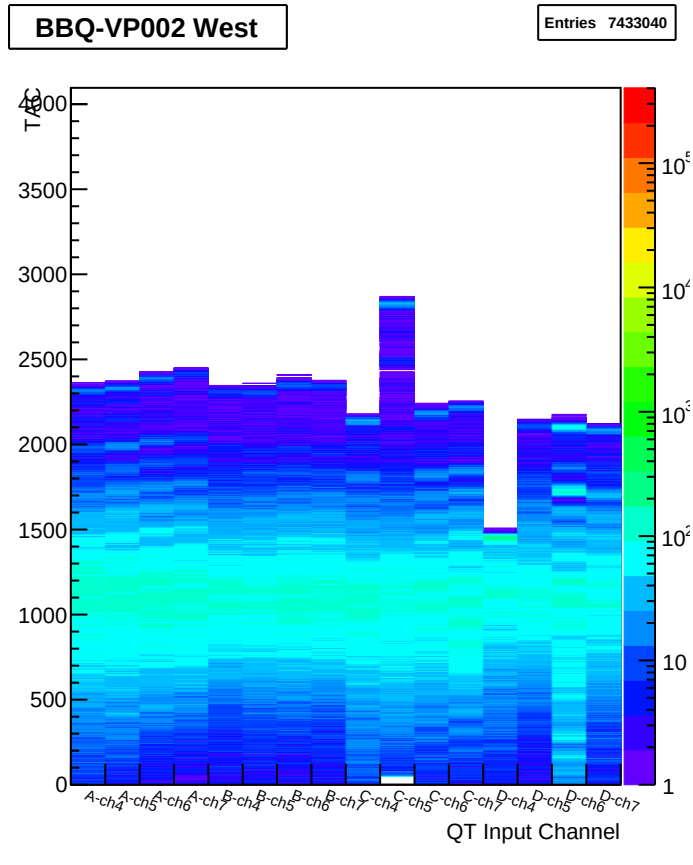

BBQ-ZD001 (ZDC TOWER)
Entries 7433040
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

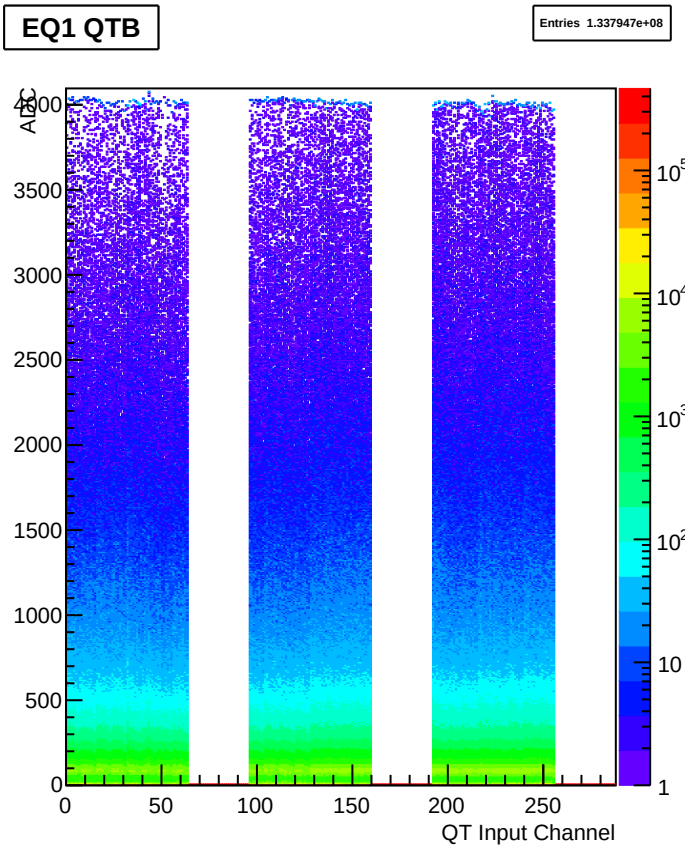

BBQ-ZD001 (ZDC TOWER)
Entries 7433040
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

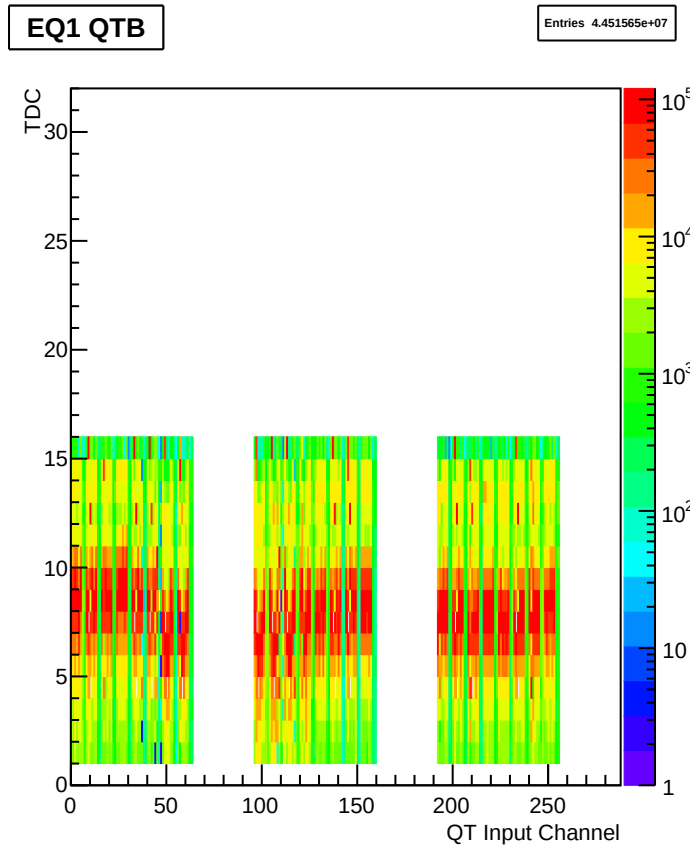

BBQ-VP001 East
Entries 7433040
ADC
QT Input Channel

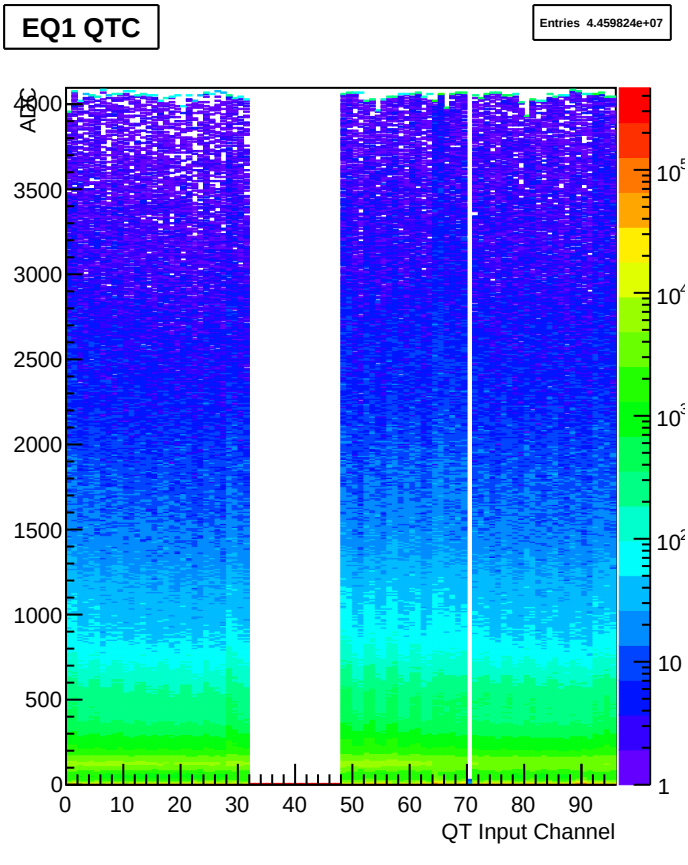

BBQ-VP001 East
Entries 7433040
TADC
QT Input Channel

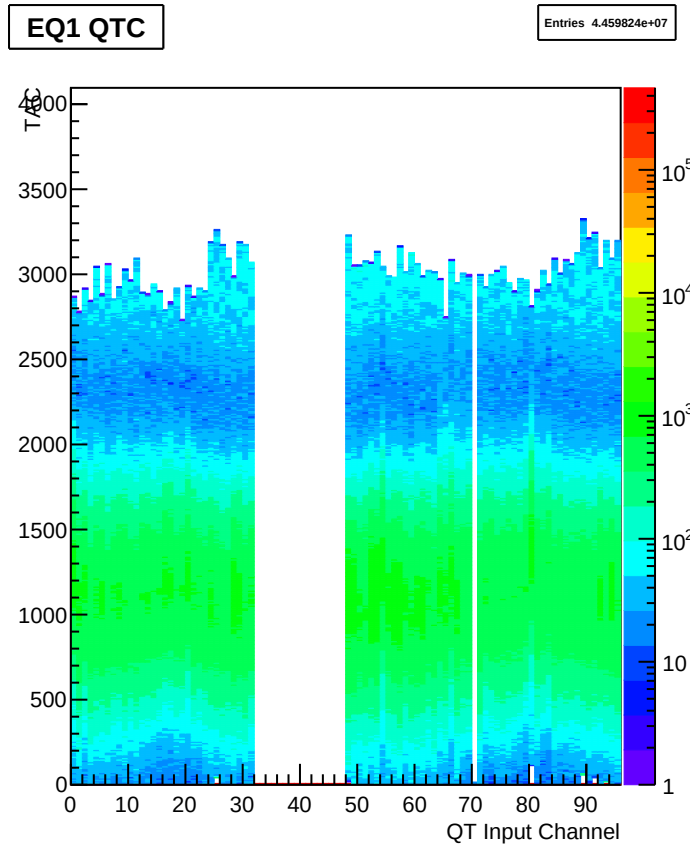

BBQ-VP002 West
Entries 7433040
ADC
QT Input Channel

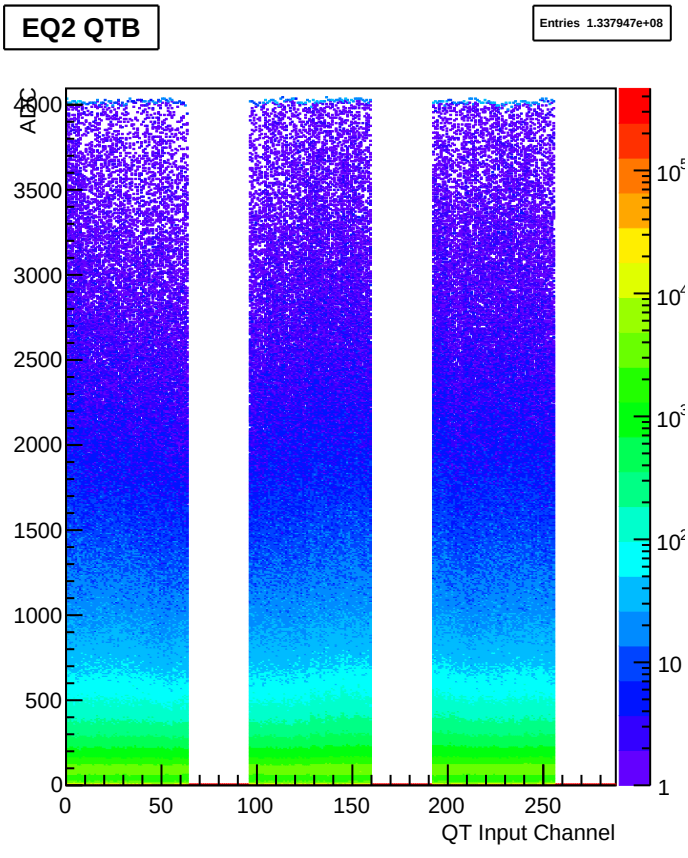

BBQ-VP002 West
Entries 7433040
TADC
QT Input Channel

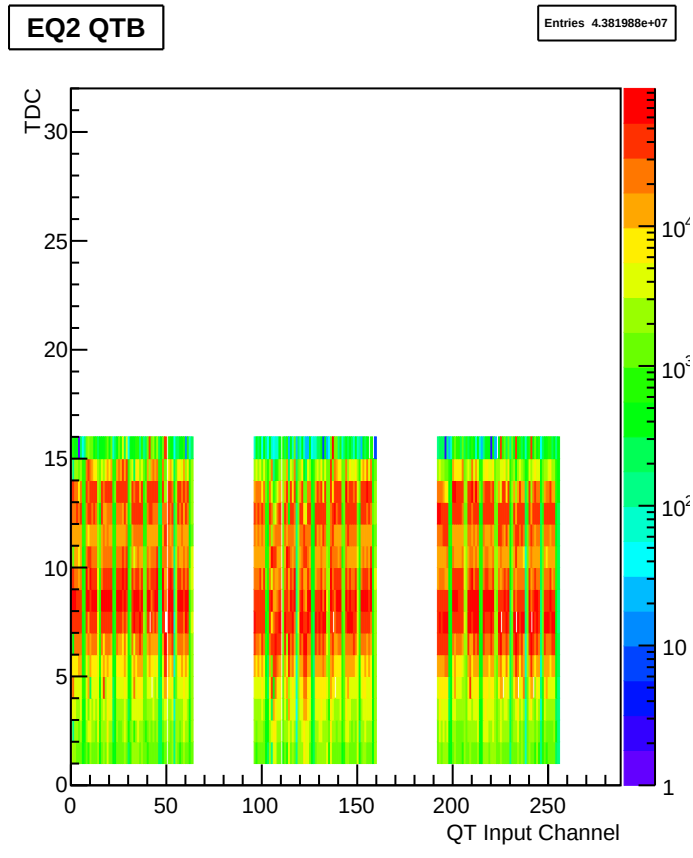

EQ1 QTB
Entries 1.337947e+08
ADC
QT Input Channel

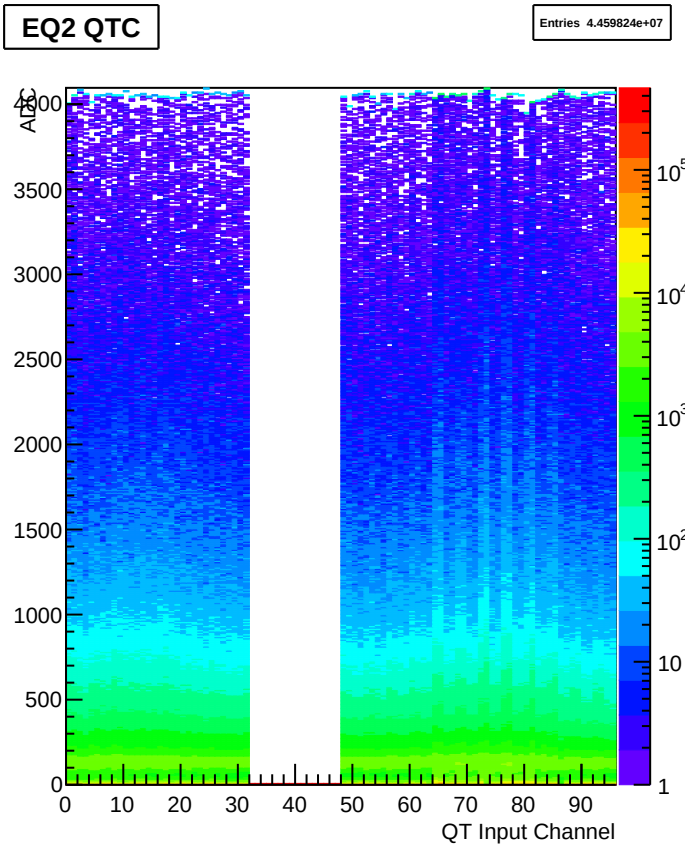

EQ1 QTB
Entries 4.451565e+07
TDC
QT Input Channel

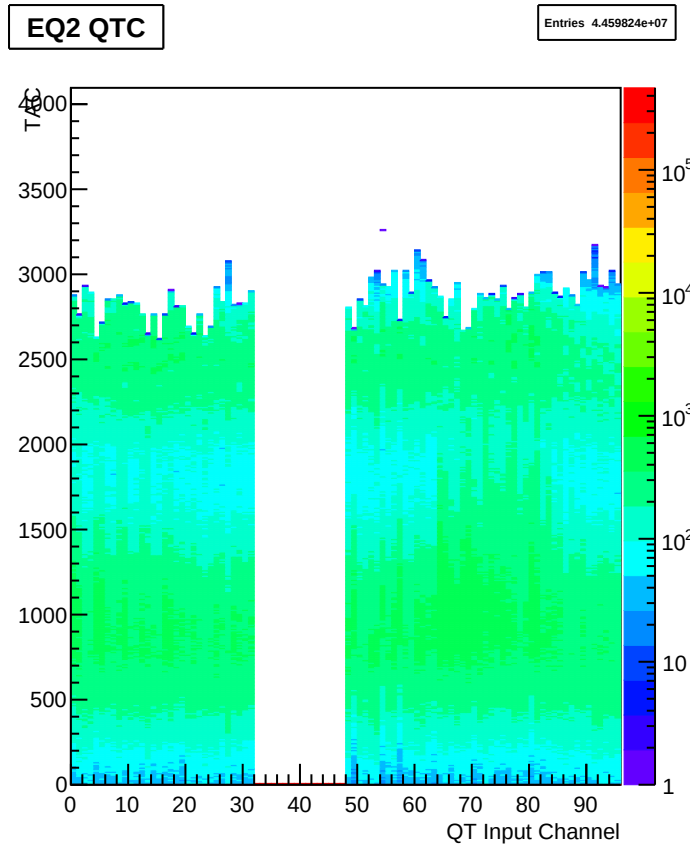

EQ1 QTC
Entries 4.459824e+07
ADC
QT Input Channel

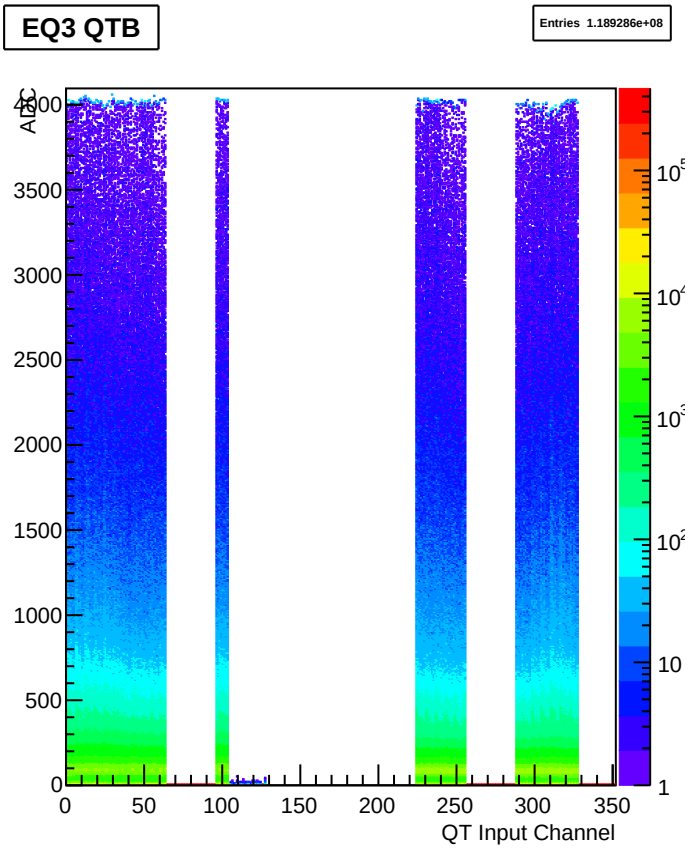

EQ1 QTC
Entries 4.459824e+07
TADC
QT Input Channel

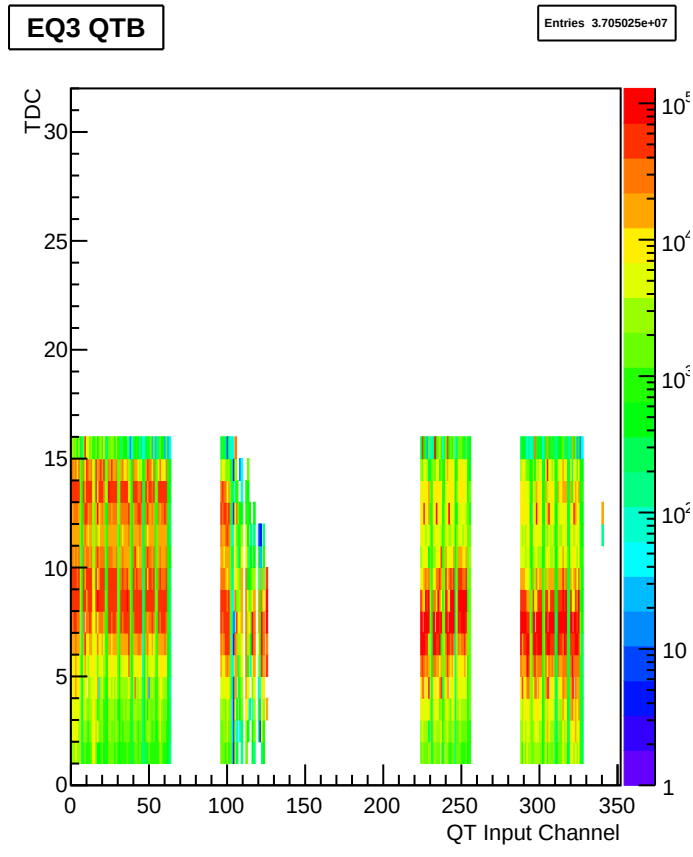

EQ2 QTB
Entries 1.337947e+08
ADC
QT Input Channel

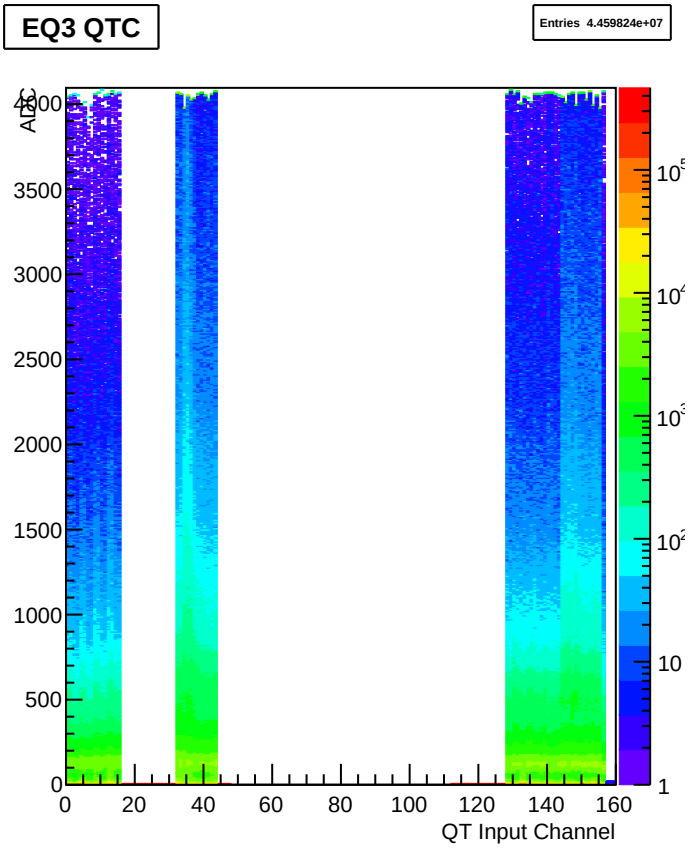

EQ2 QTB
Entries 4.381988e+07
TDC
QT Input Channel

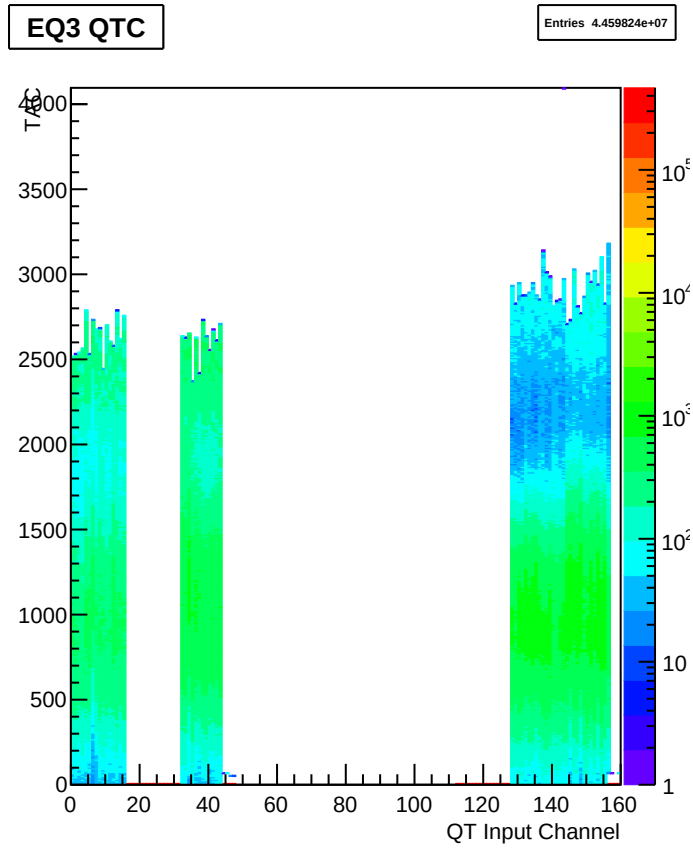

EQ2 QTC
Entries 4.459824e+07
ADC
QT Input Channel

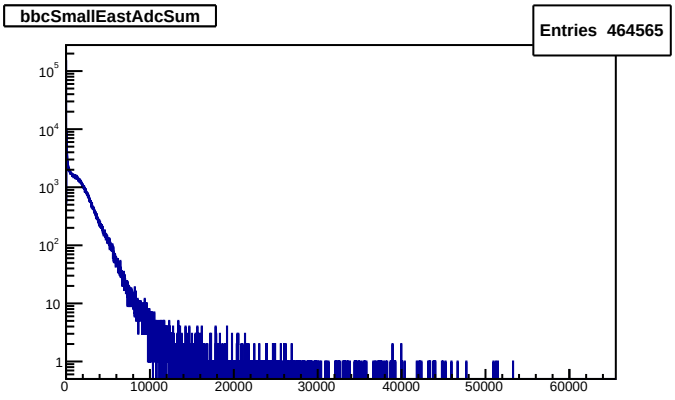

EQ2 QTC
Entries 4.459824e+07
TADC
QT Input Channel

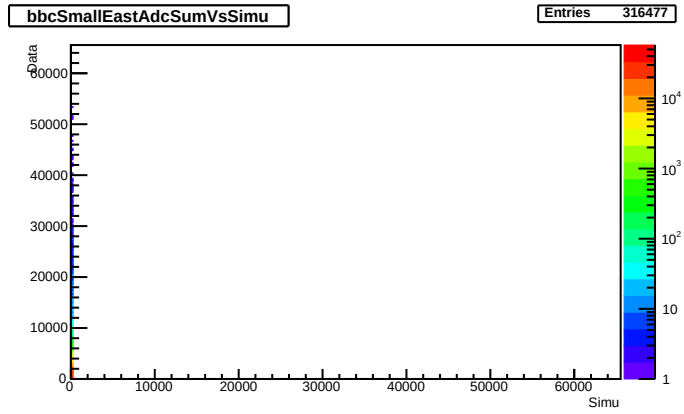

EQ3 QTB
Entries 1.189286e+08
ADC
QT Input Channel

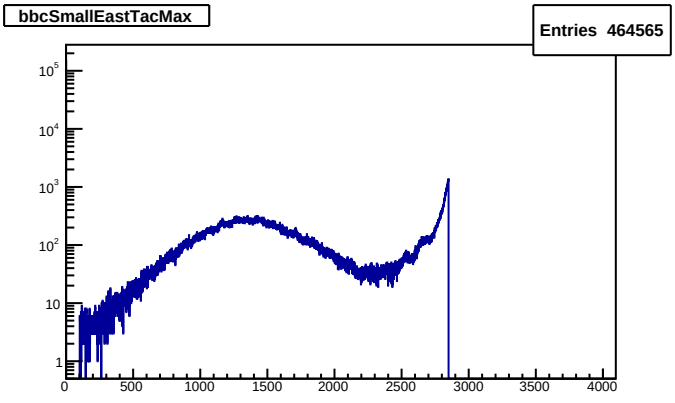

EQ3 QTB
Entries 3.705025e+07
TDC
QT Input Channel

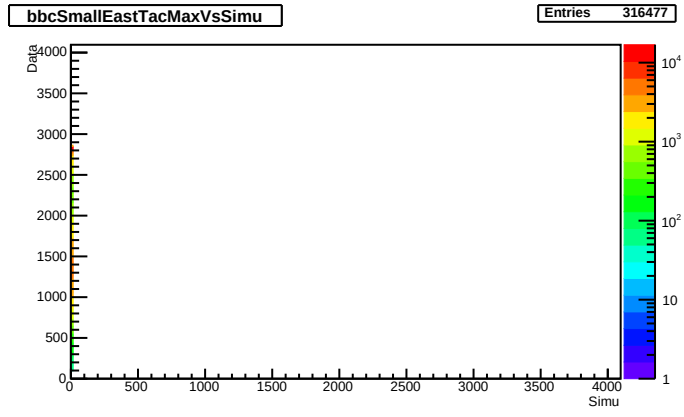

EQ3 QTC
Entries 4.459824e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.459824e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 464565


bbcSmallEastAdcSumVsSimu
Entries 316477
Data
Simu


bbcSmallEastTacMax
Entries 464565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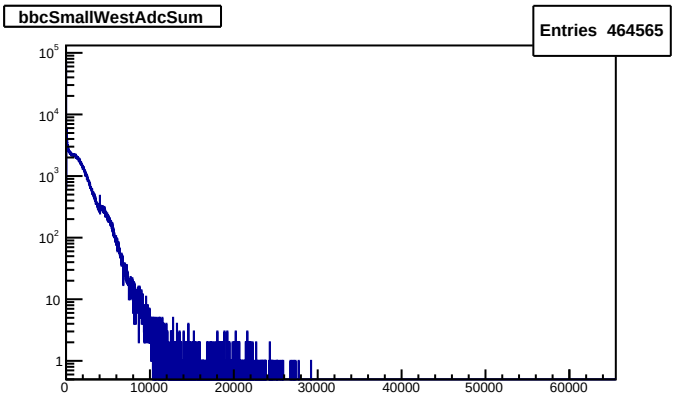
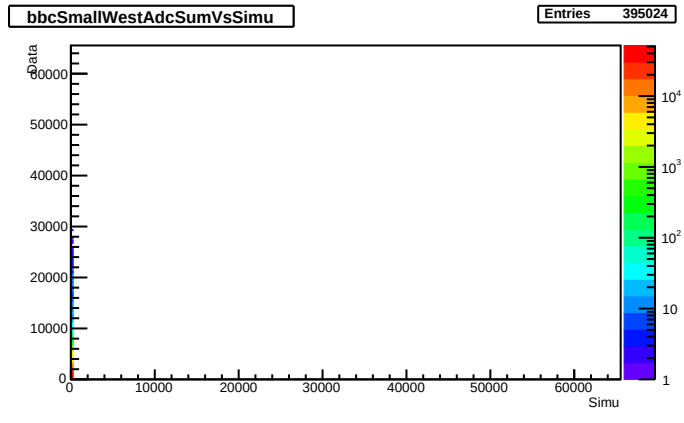
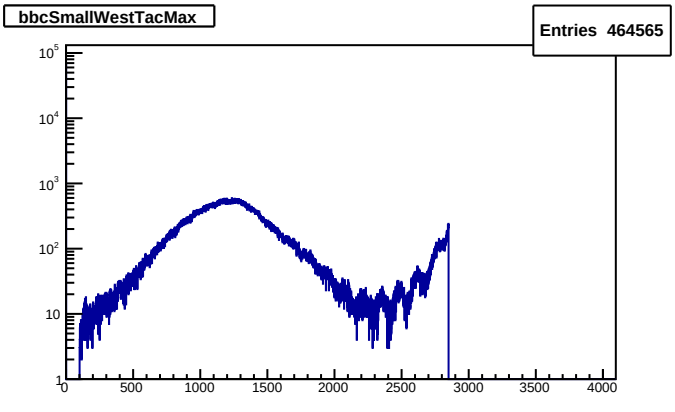
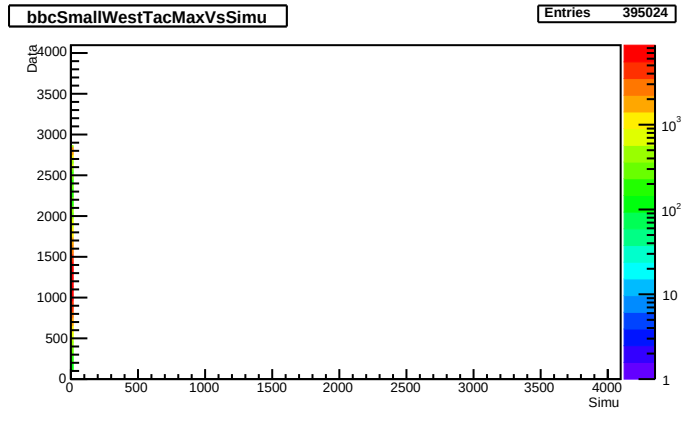
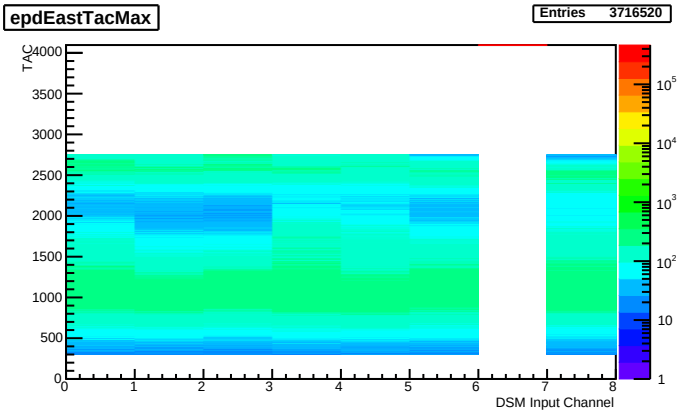
Entries 316477
Data
Simu

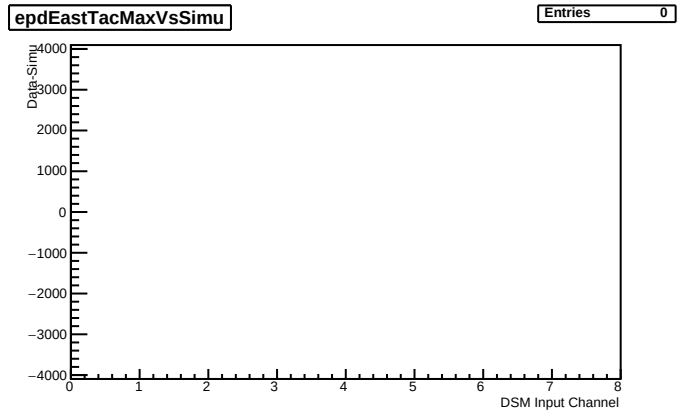

bbcSmallWestAdcSum
Entries 464565


bbcSmallWestAdcSumVsSimu
Entries 395024
Data
Simu


bbcSmallWestTacMax
Entries 464565


bbcSmallWestTacMaxVsSimu
Entries 395024
Data
Simu


epdEastTacMax
Entries 3716520
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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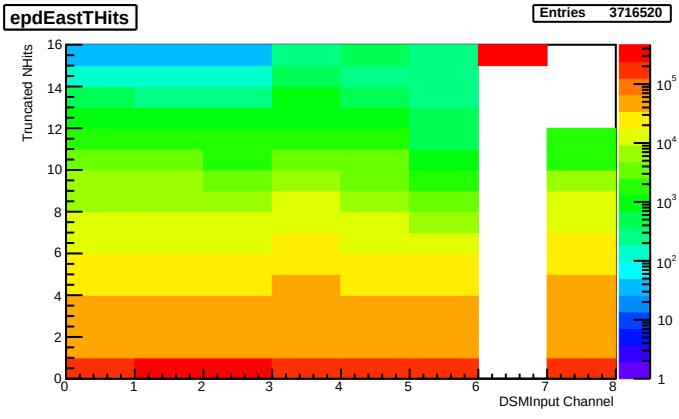
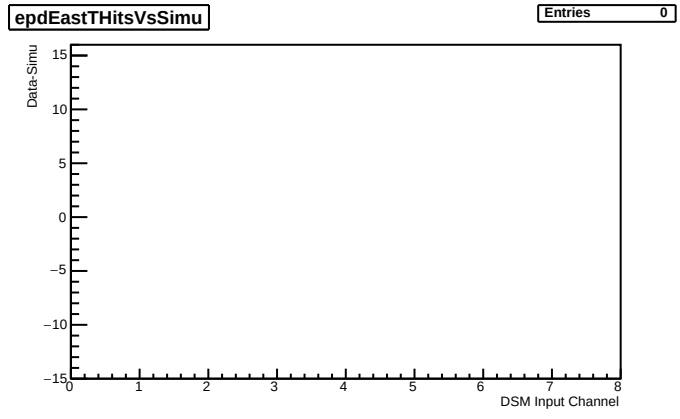

epdEastTHits
Entries 3716520
Truncated NHits
DSMInput Channel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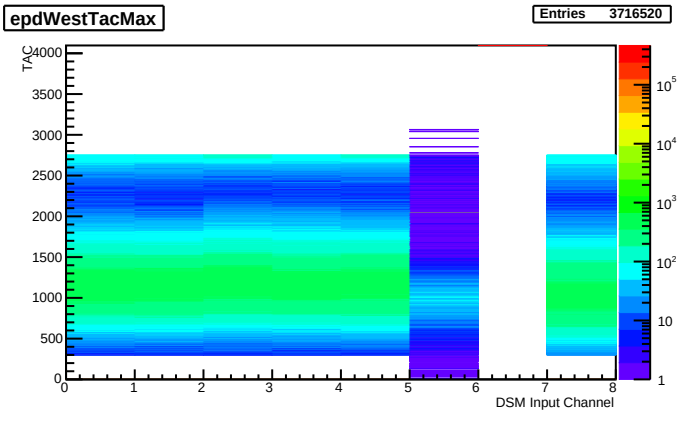
Data-Simu
DSM Input Channel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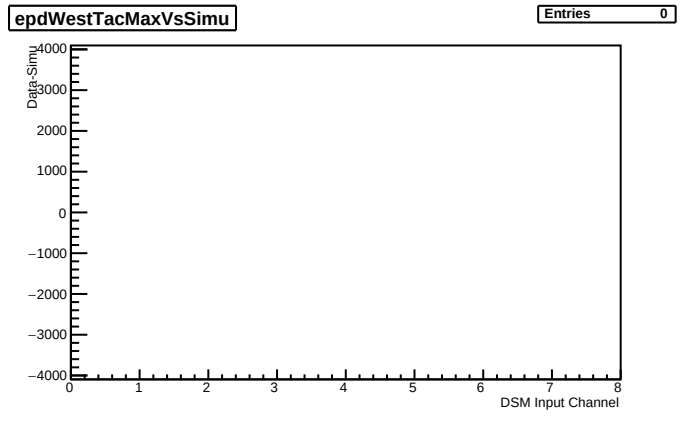
Entries 3716520
TAC
DSM Input Channel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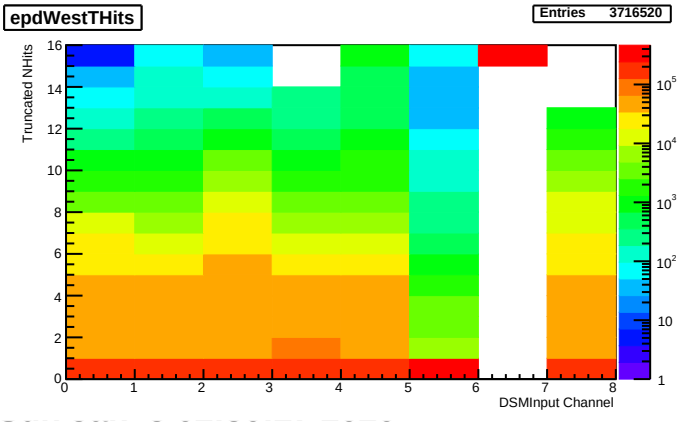
Data-Simu
DSM Input Channel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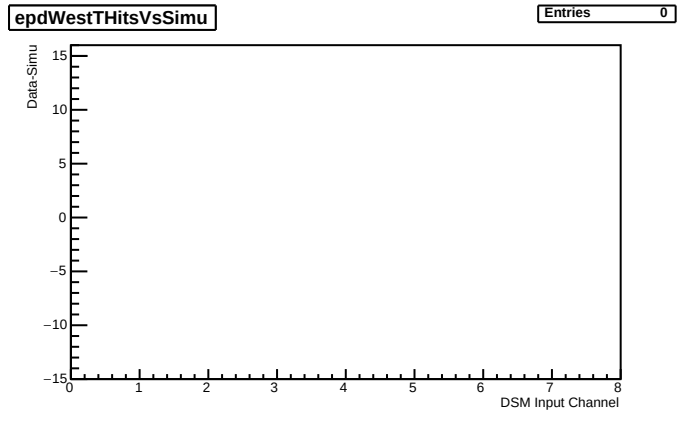
Entries 3716520
Truncated NHits
DSMInput Channel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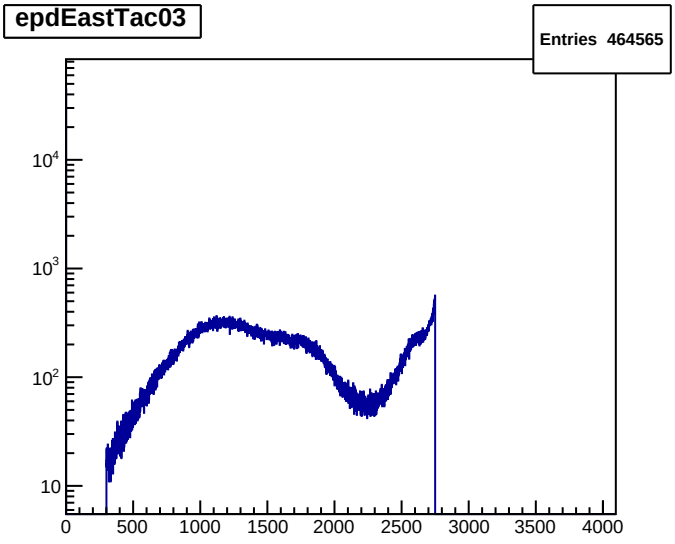
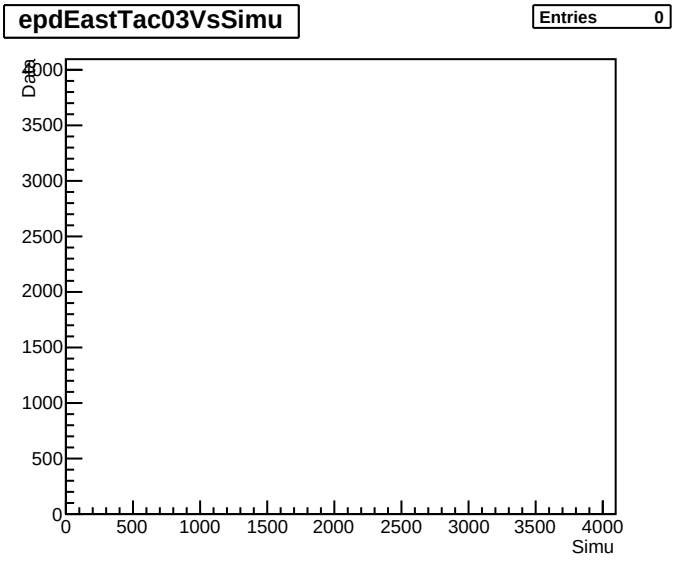
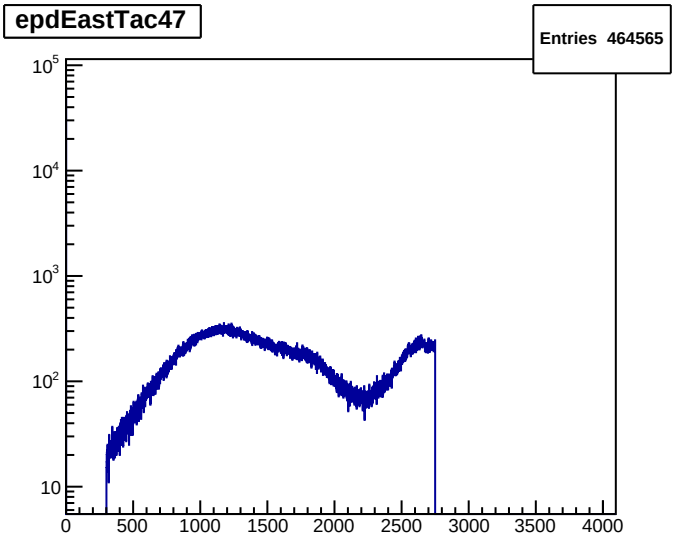
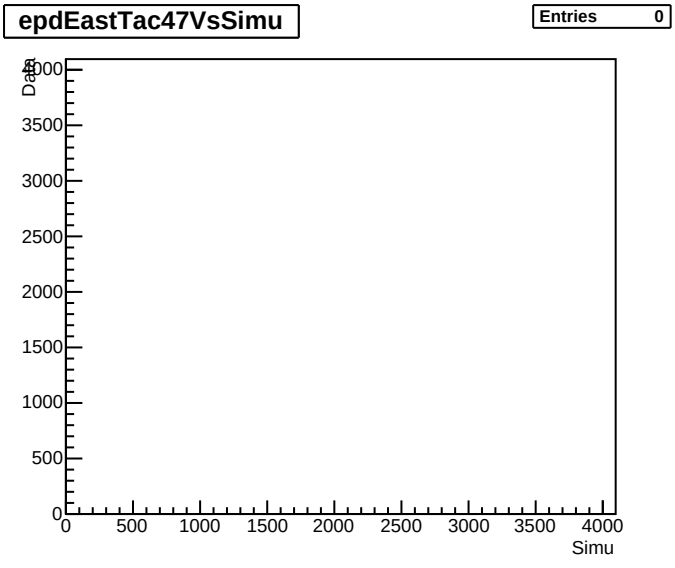
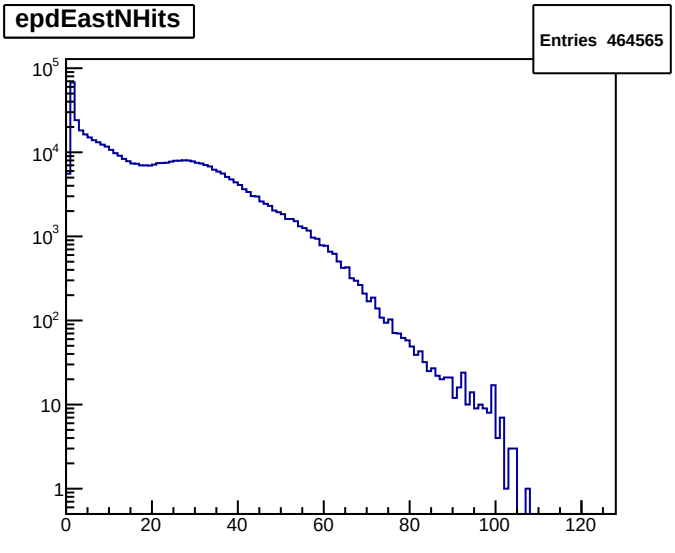
Entries 0
Data-Simu
DSM Input Channel

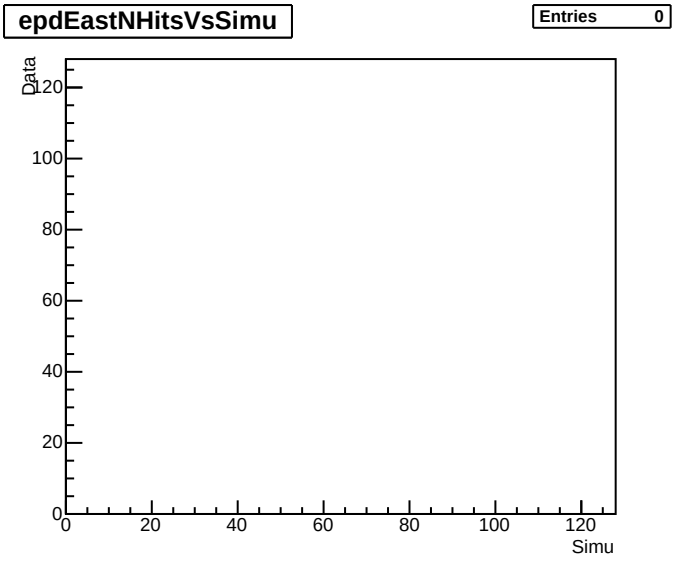

epdEastTac03
Entries 464565


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 464565


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 464565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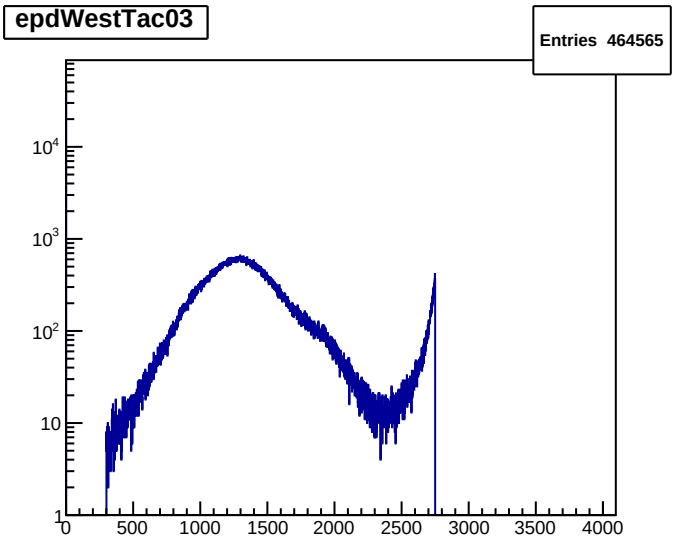
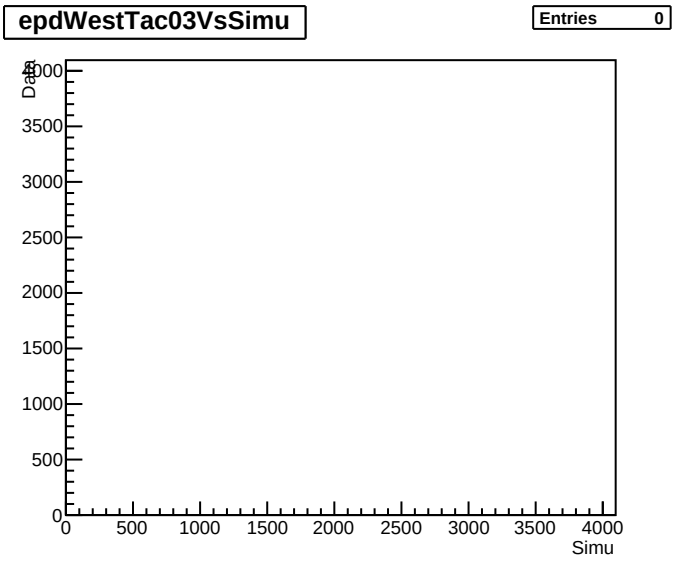
Entries 0
Data
Simu


epdWestTac03
Entries 464565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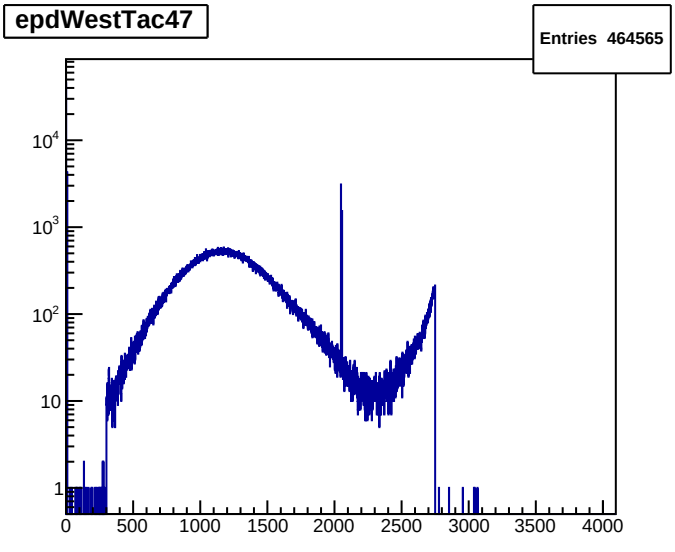
Entries 0
Data
Simu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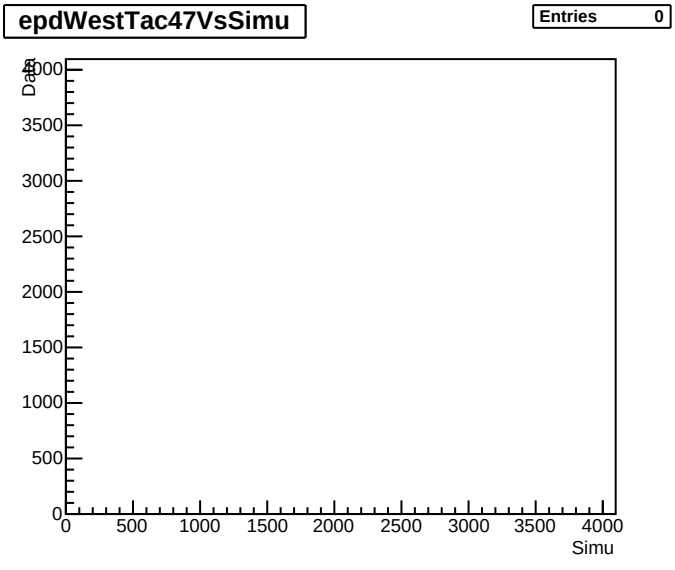
Entries 464565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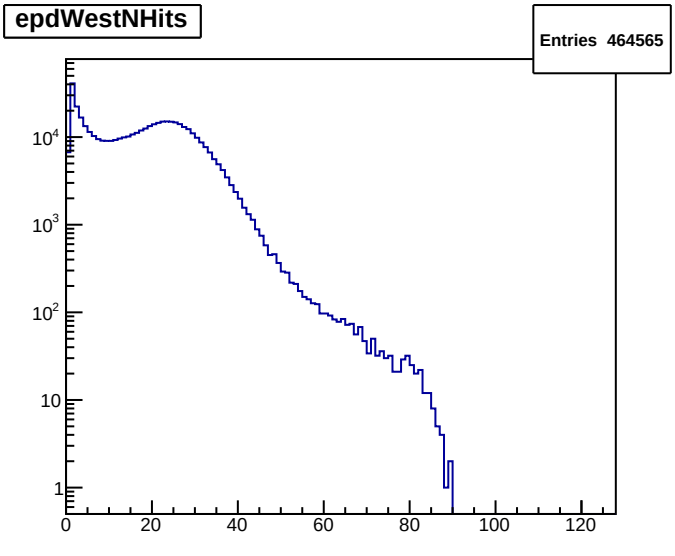
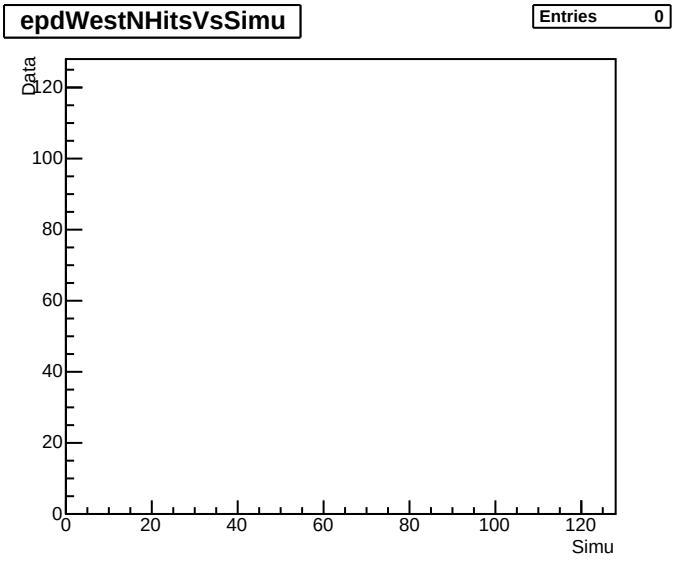
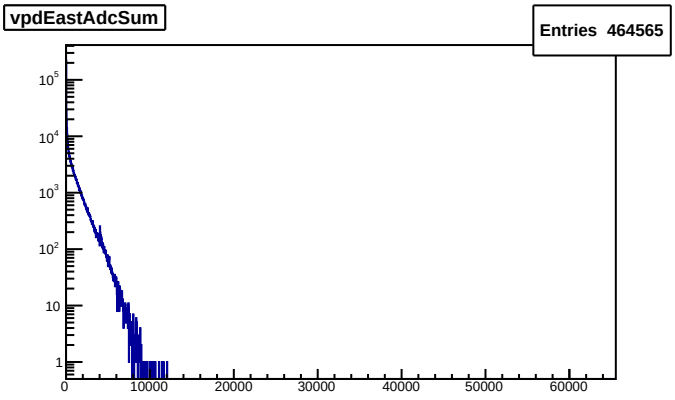
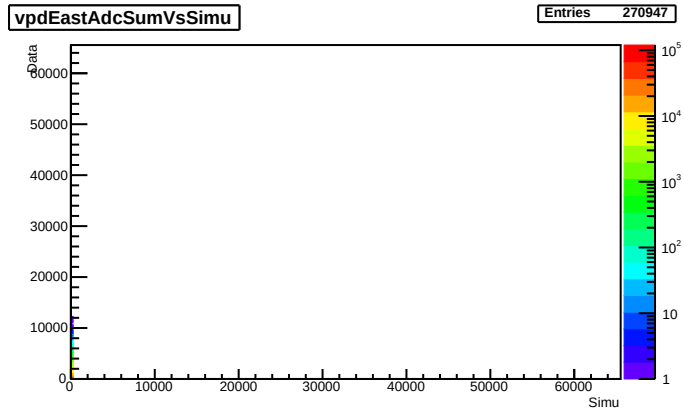
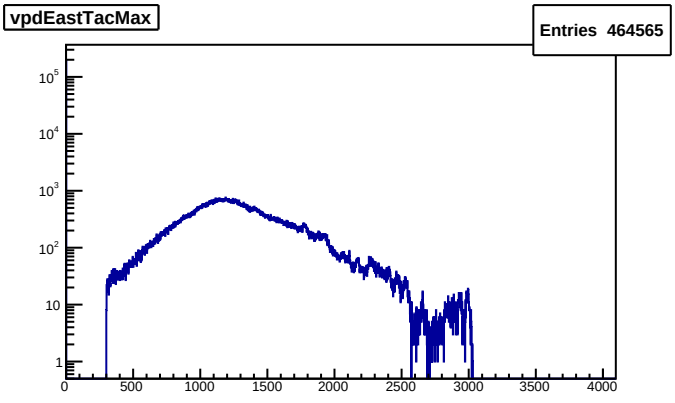
Entries 0
Data
Simu

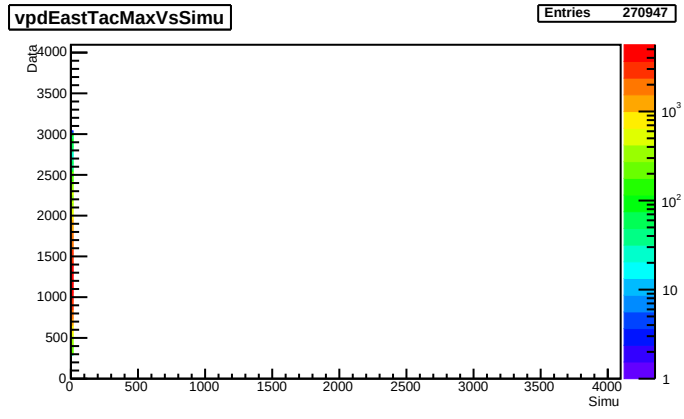

epdWestNHits
Entries 464565

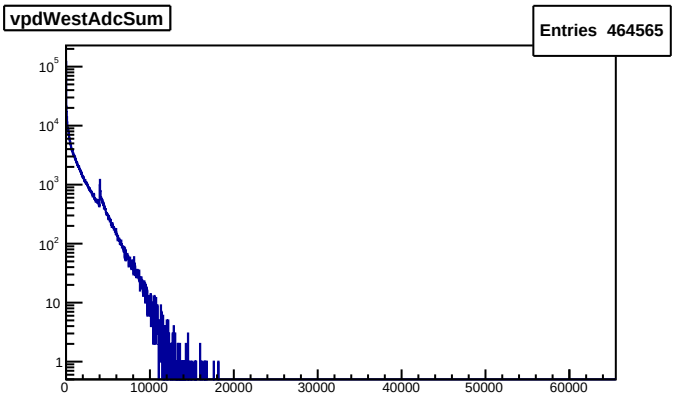

epdWestNHitsVsSimu
Entries 0
Data
Simu

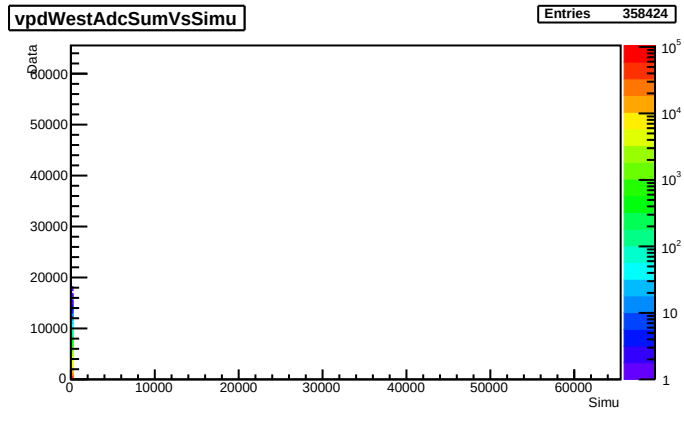

vpdEastAdcSum
Entries 464565

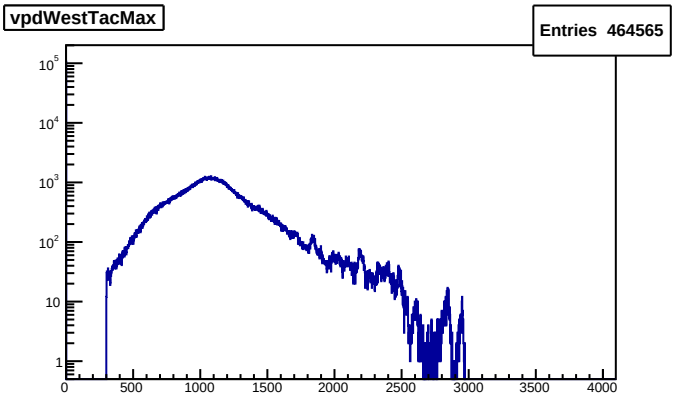

vpdEastAdcSumVsSimu
Entries 270947
Data
Simu

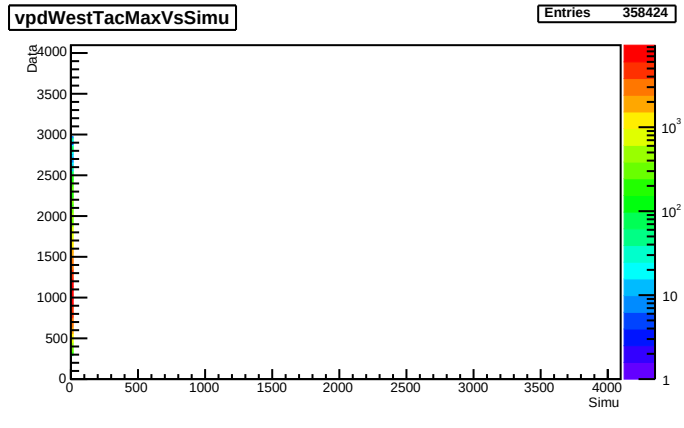

vpdEastTacMax
Entries 464565

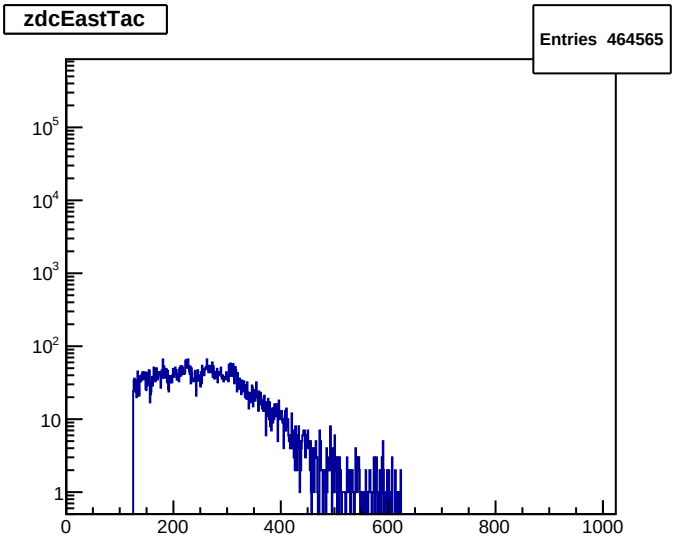

vpdEastTacMaxVsSimu
Entries 270947
Data
Simu

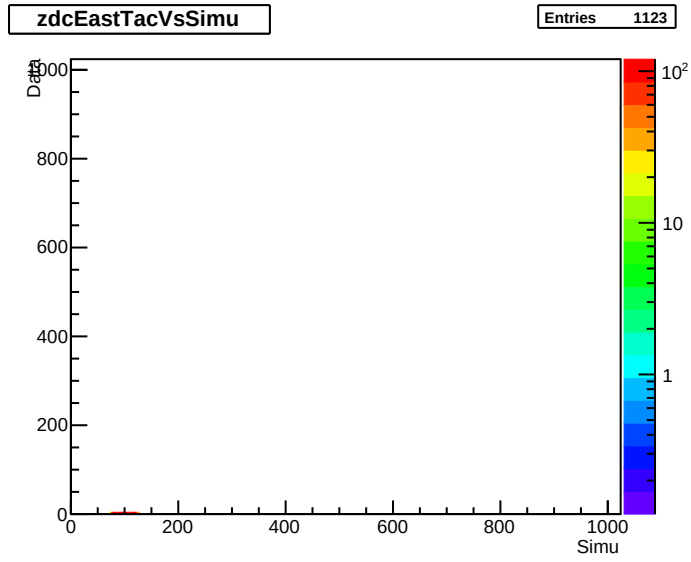

vpdWestAdcSum
Entries 464565

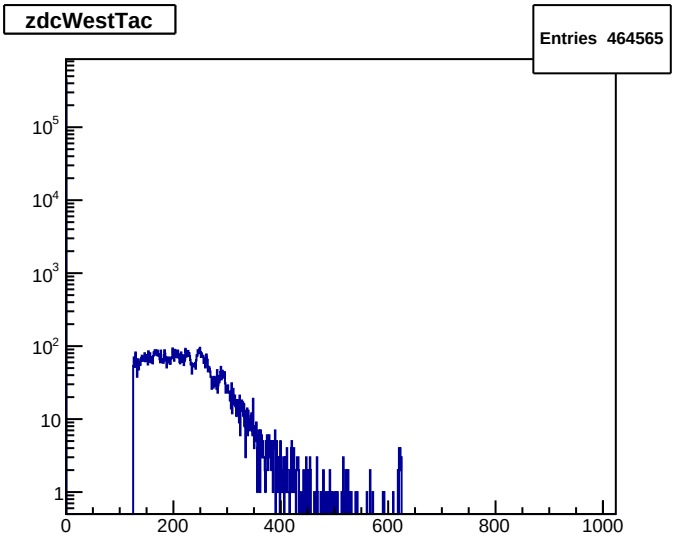

vpdWestAdcSumVsSimu
Entries 358424
Data
Simu

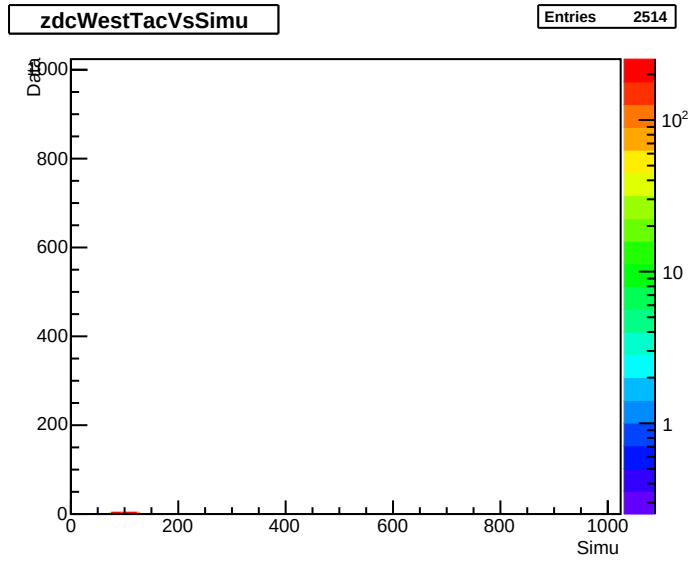

vpdWestTacMax
Entries 464565

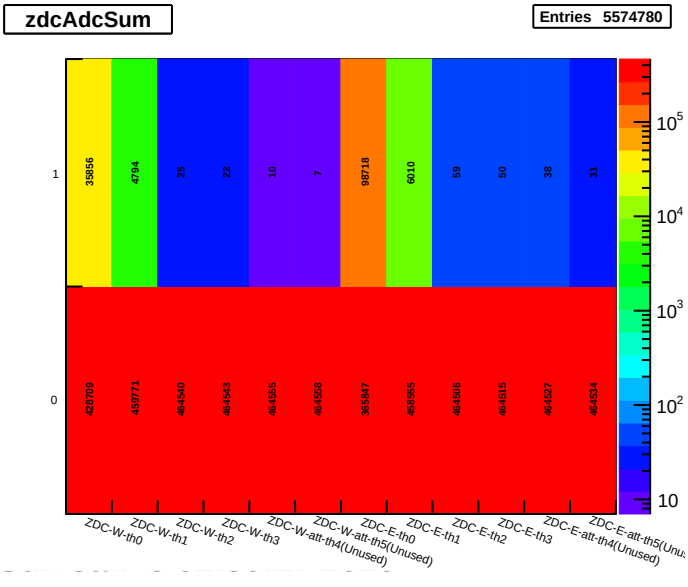

vpdWestTacMaxVsSimu
Entries 358424
Data
Simu

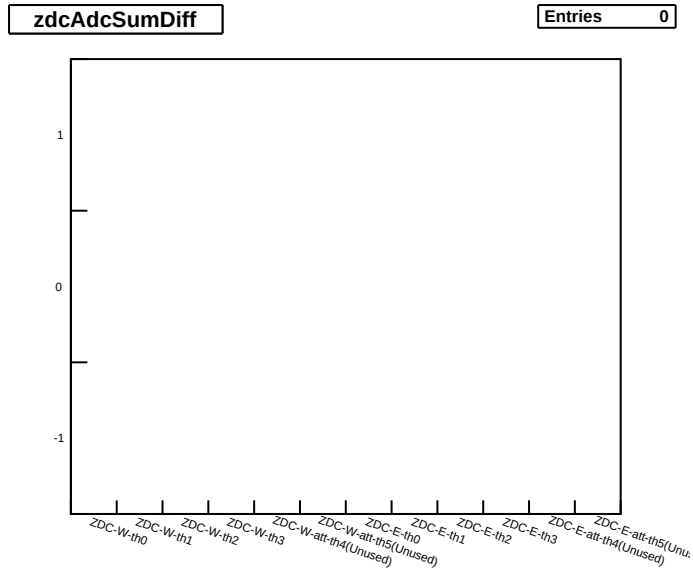

zdcEastTac
Entries 464565

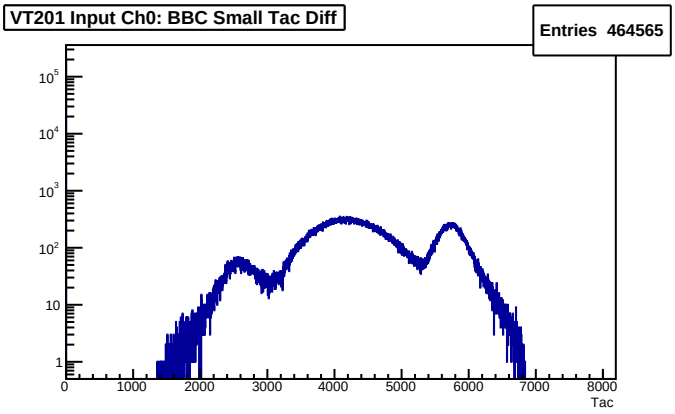

zdcEastTacVsSimu
Entries 1123
Data
Simu

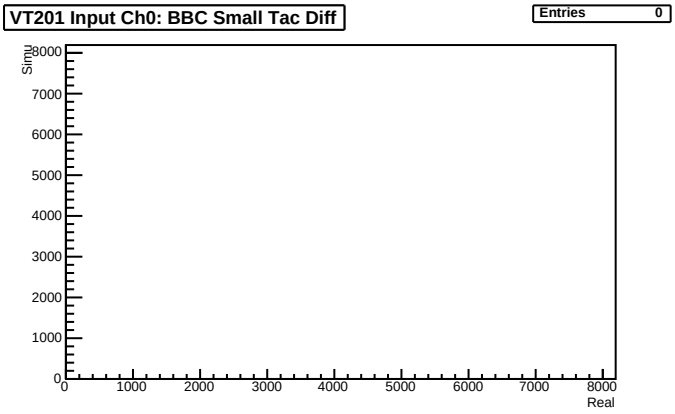

zdcWestTac
Entries 464565

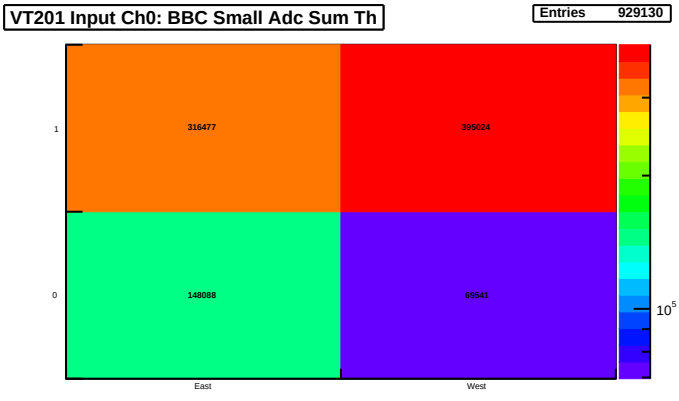

zdcWestTacVsSimu
Entries 2514
Data
Simu

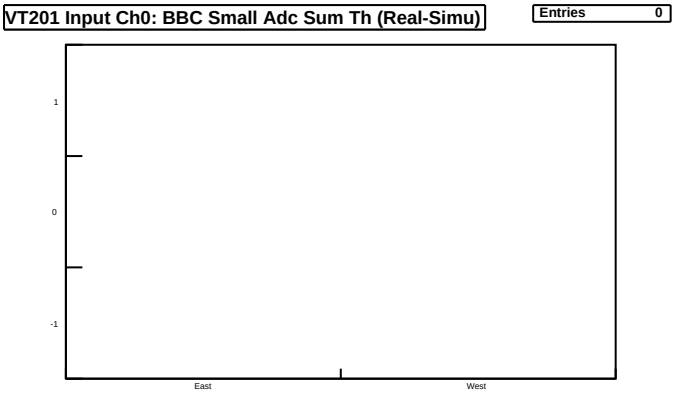

zdcAdcSum
Entries 5574780
35856
4794
25
22
10
7
98718
6010
59
50
38
31
428709
459771
464540
464543
464555
464558
365847
458555
464506
464515
464527
464534
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

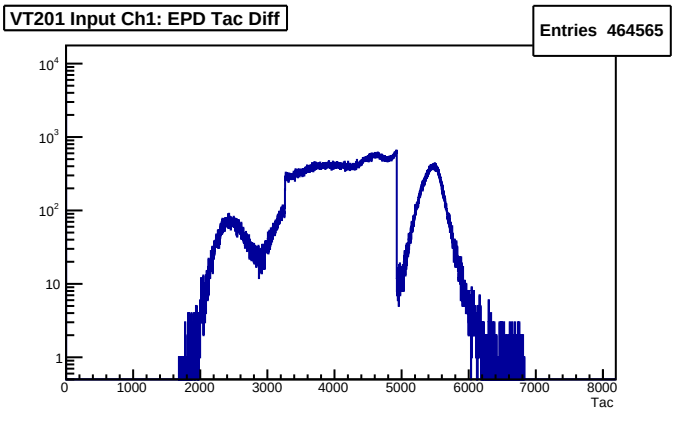

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

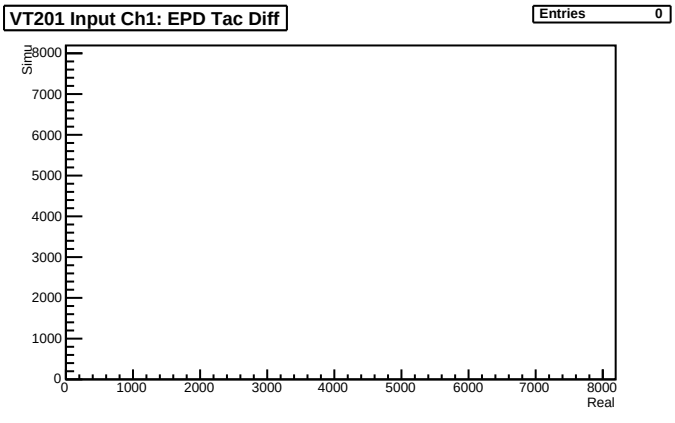

VT201 Input Ch0: BBC Small Tac Diff
Entries 464565
Tac

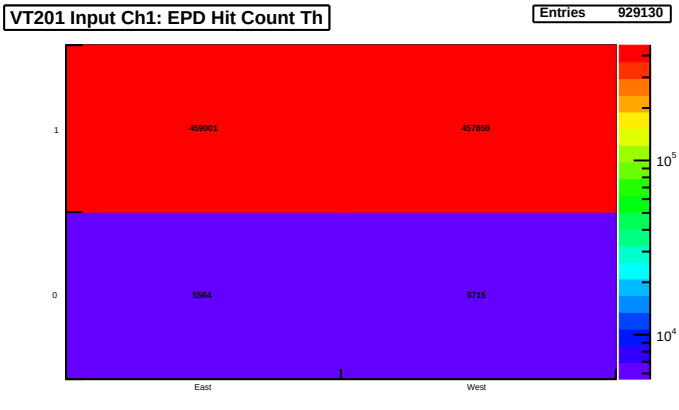

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

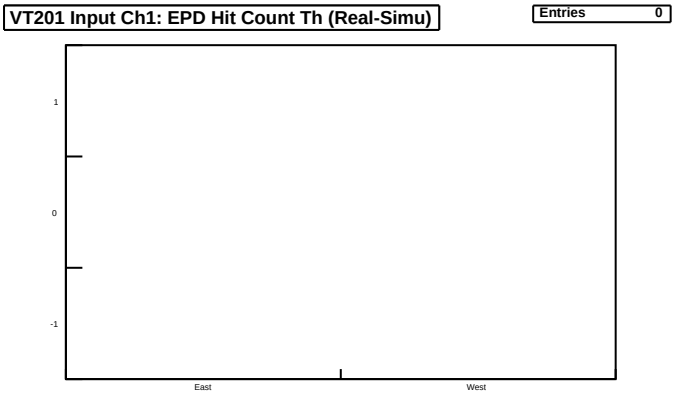

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 929130
316477
395024
148088
69541
East
West

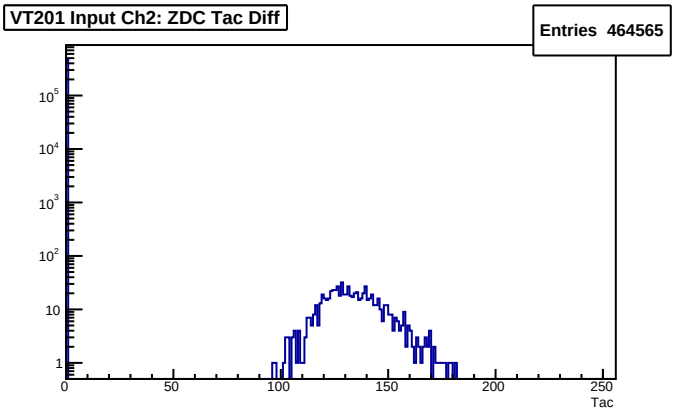

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

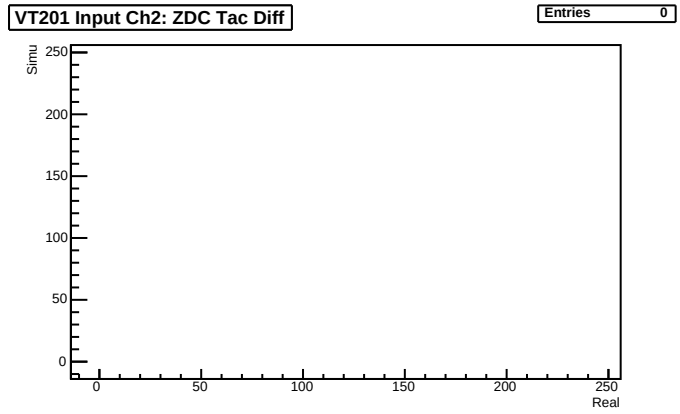

VT201 Input Ch1: EPD Tac Diff
Entries 464565
Tac

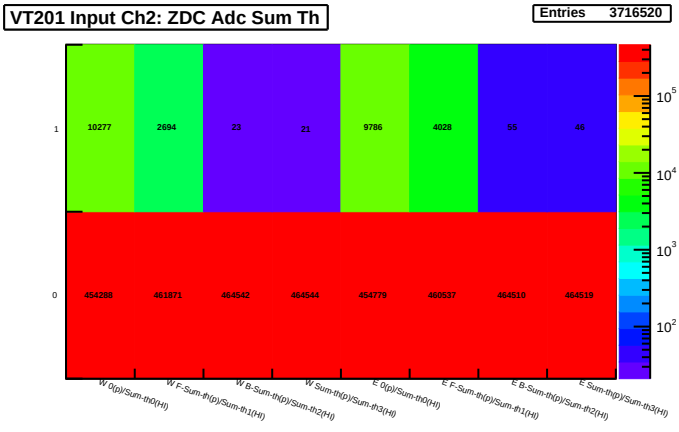

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

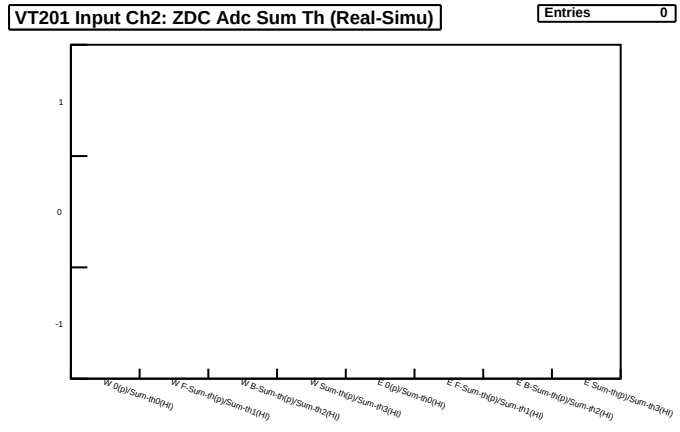

VT201 Input Ch1: EPD Hit Count Th
Entries 929130
459001
457850
5584
6715
East
West

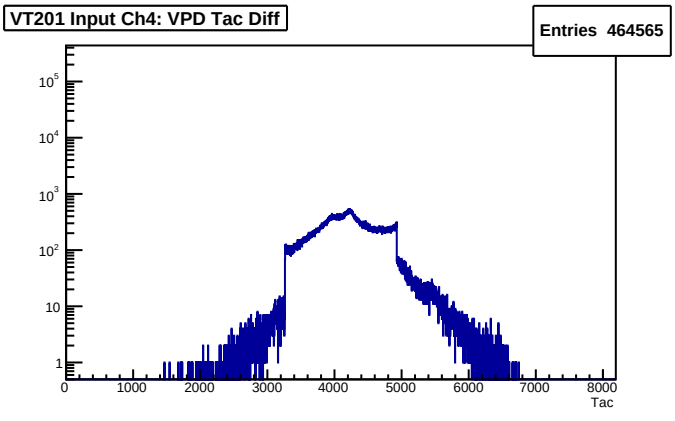

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

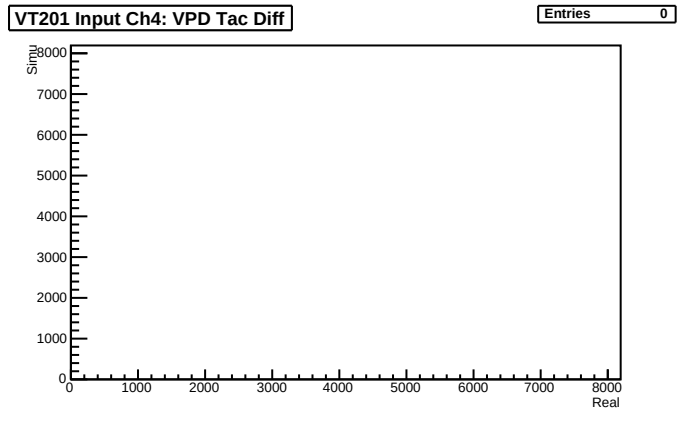

VT201 Input Ch2: ZDC Tac Diff
Entries 464565
Tac

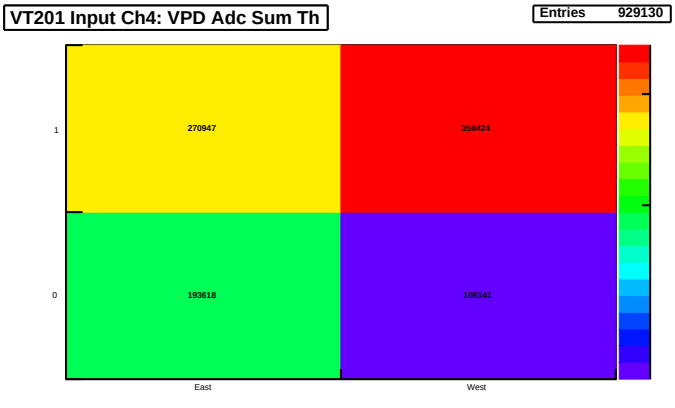

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

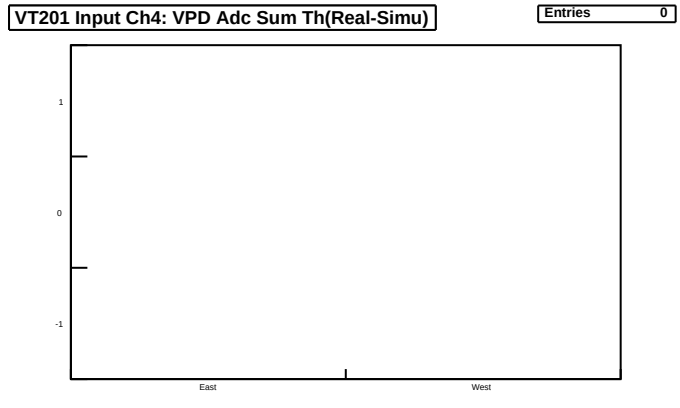

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3716520
10277
2694
23
21
9786
4028
55
46
454288
461871
464542
464544
454779
460537
464510
464519
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

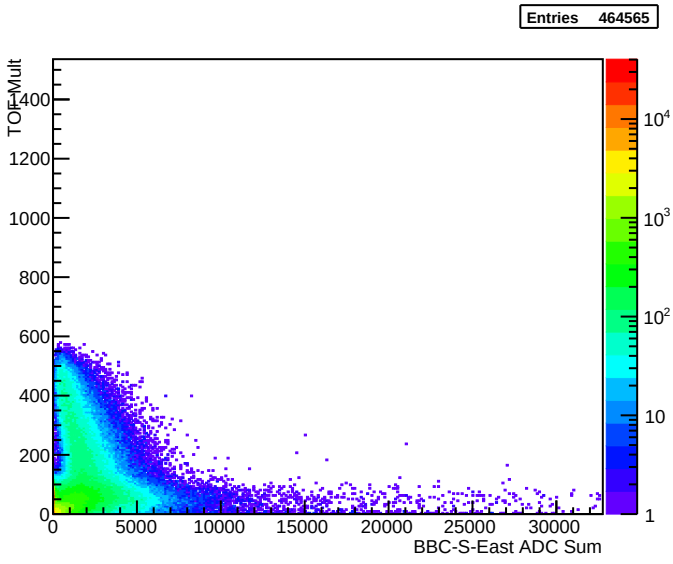

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

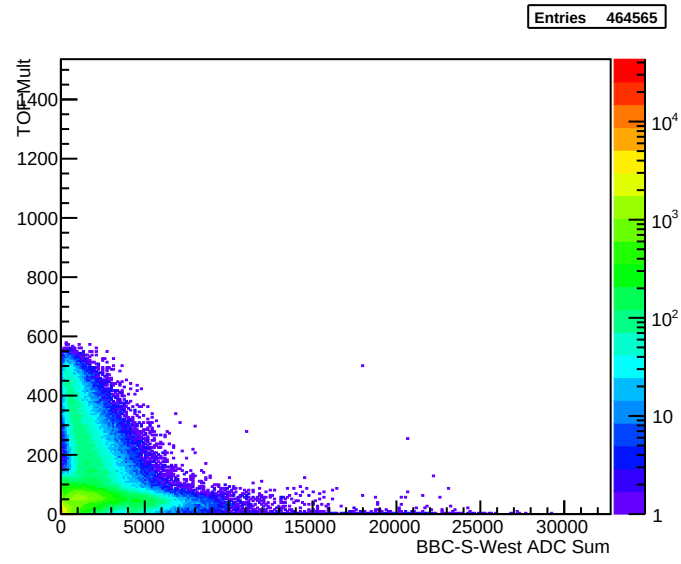

VT201 Input Ch4: VPD Tac Diff
Entries 464565
Tac

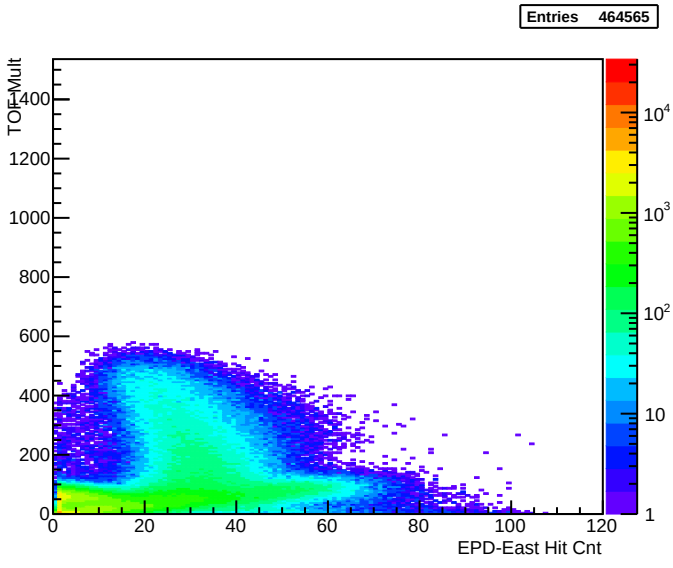

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

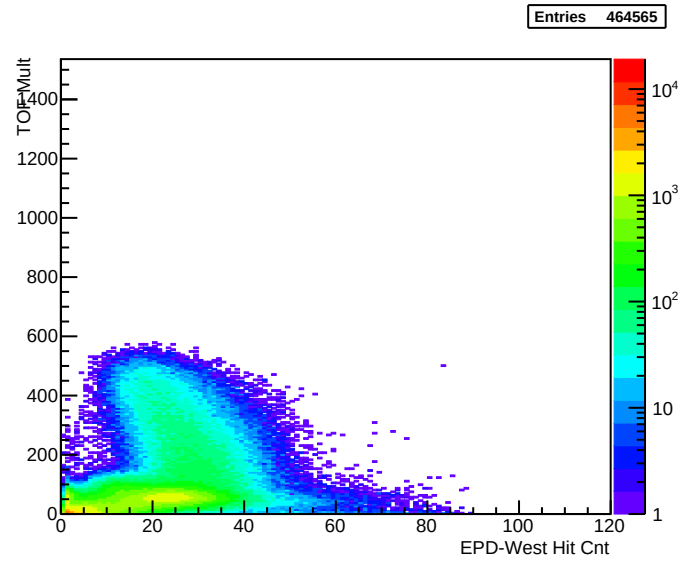

VT201 Input Ch4: VPD Adc Sum Th
Entries 929130
270947
358424
193618
106141
East
West

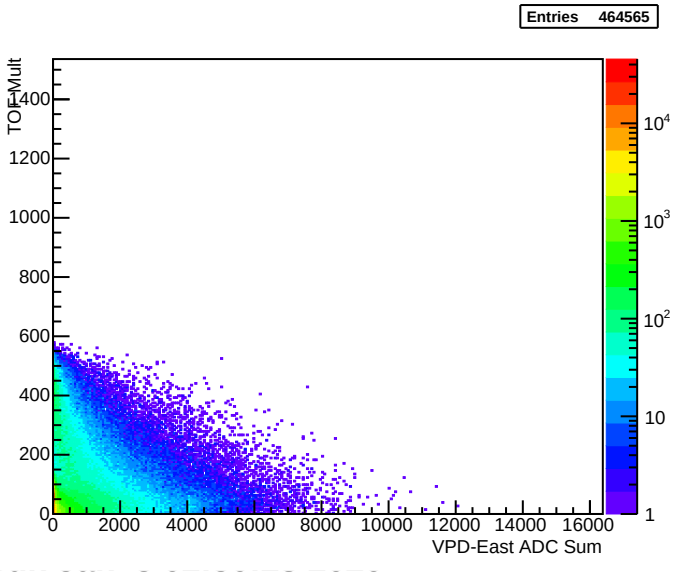

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

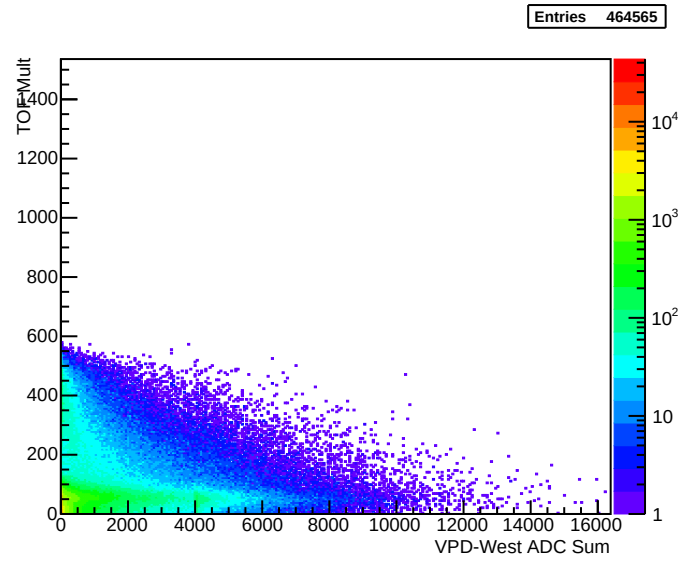

Entries 464565
TOF-Mult
BBC-S-East ADC Sum

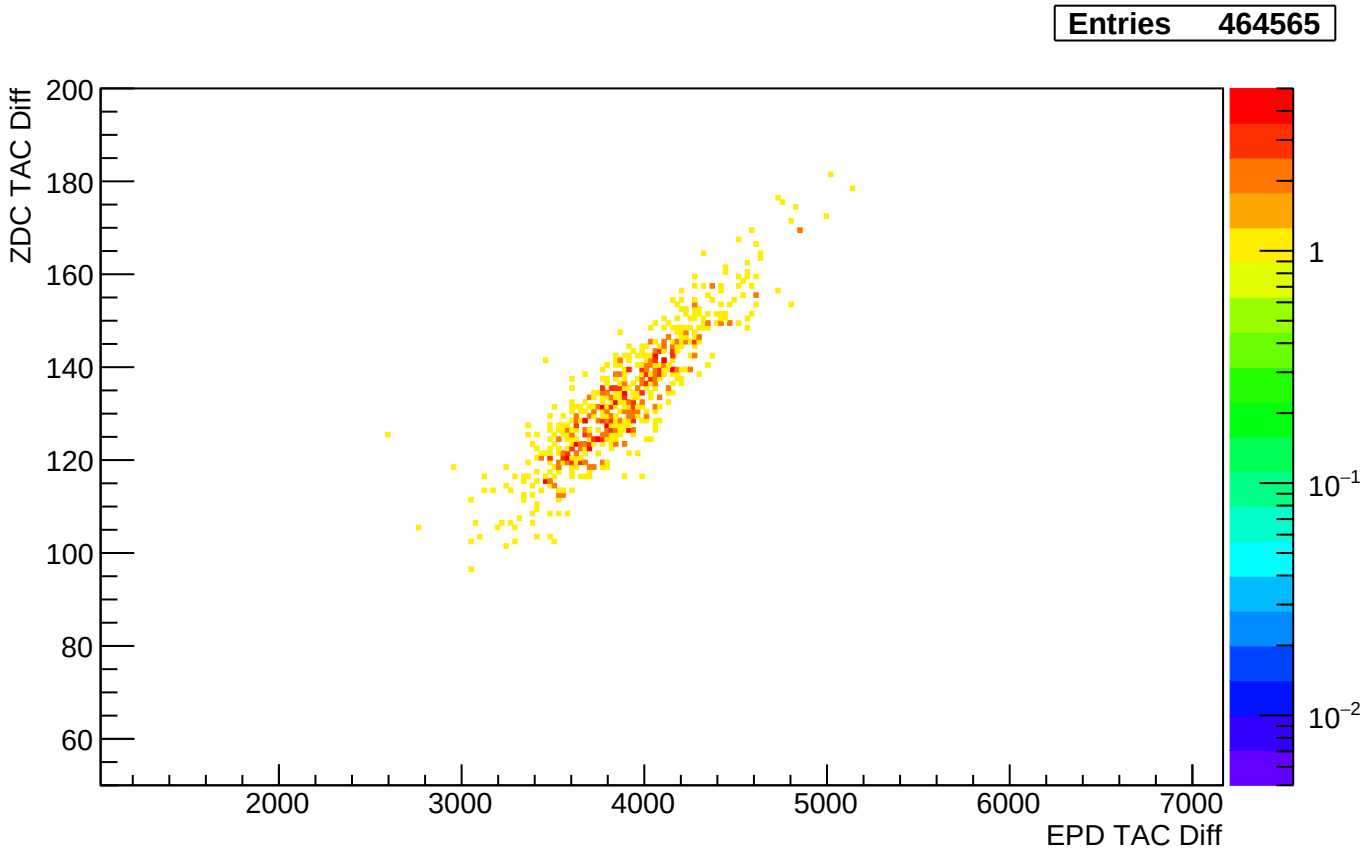

Entries 464565
TOF-Mult
BBC-S-West ADC Sum

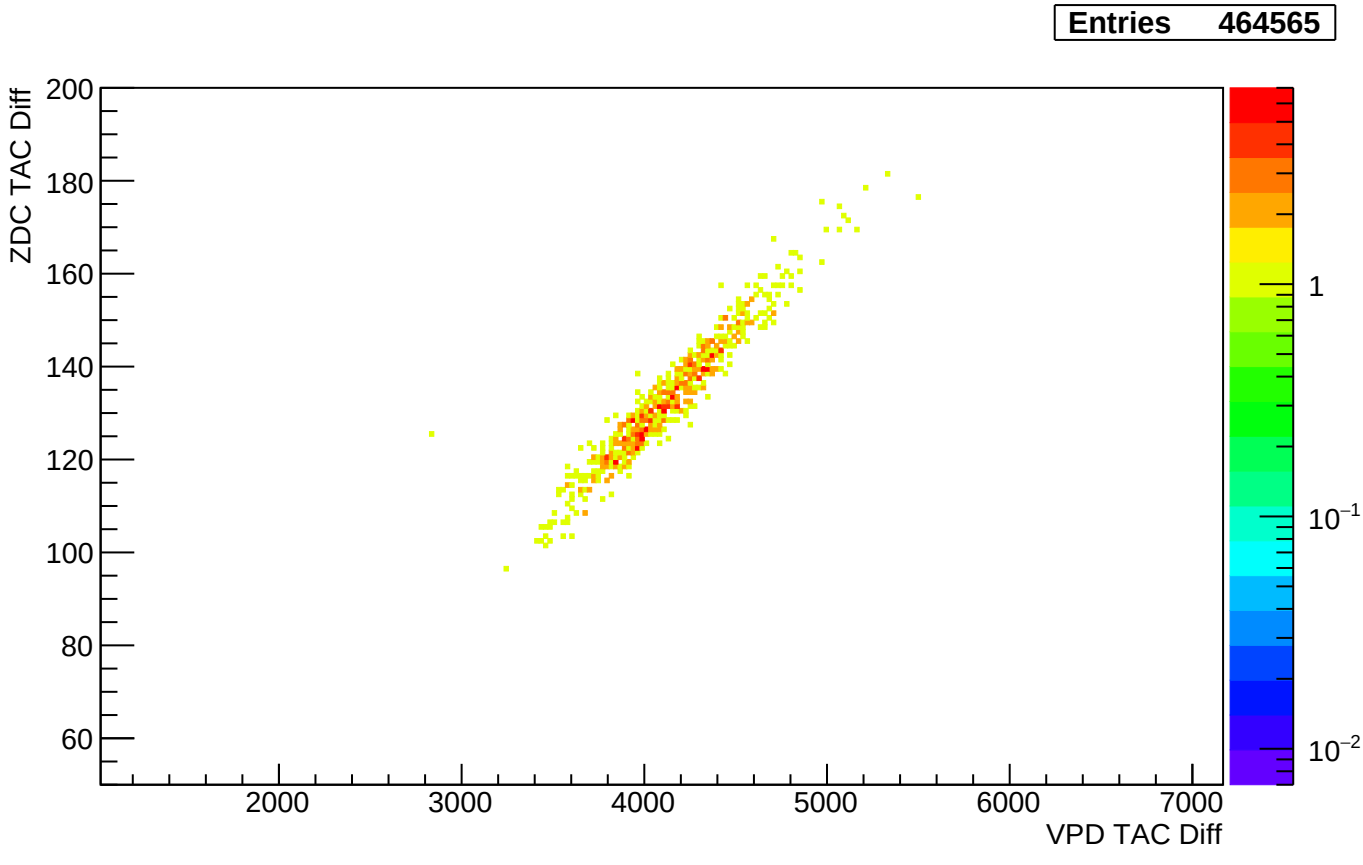

Entries 464565
TOF-Mult
EPD-East Hit Cnt

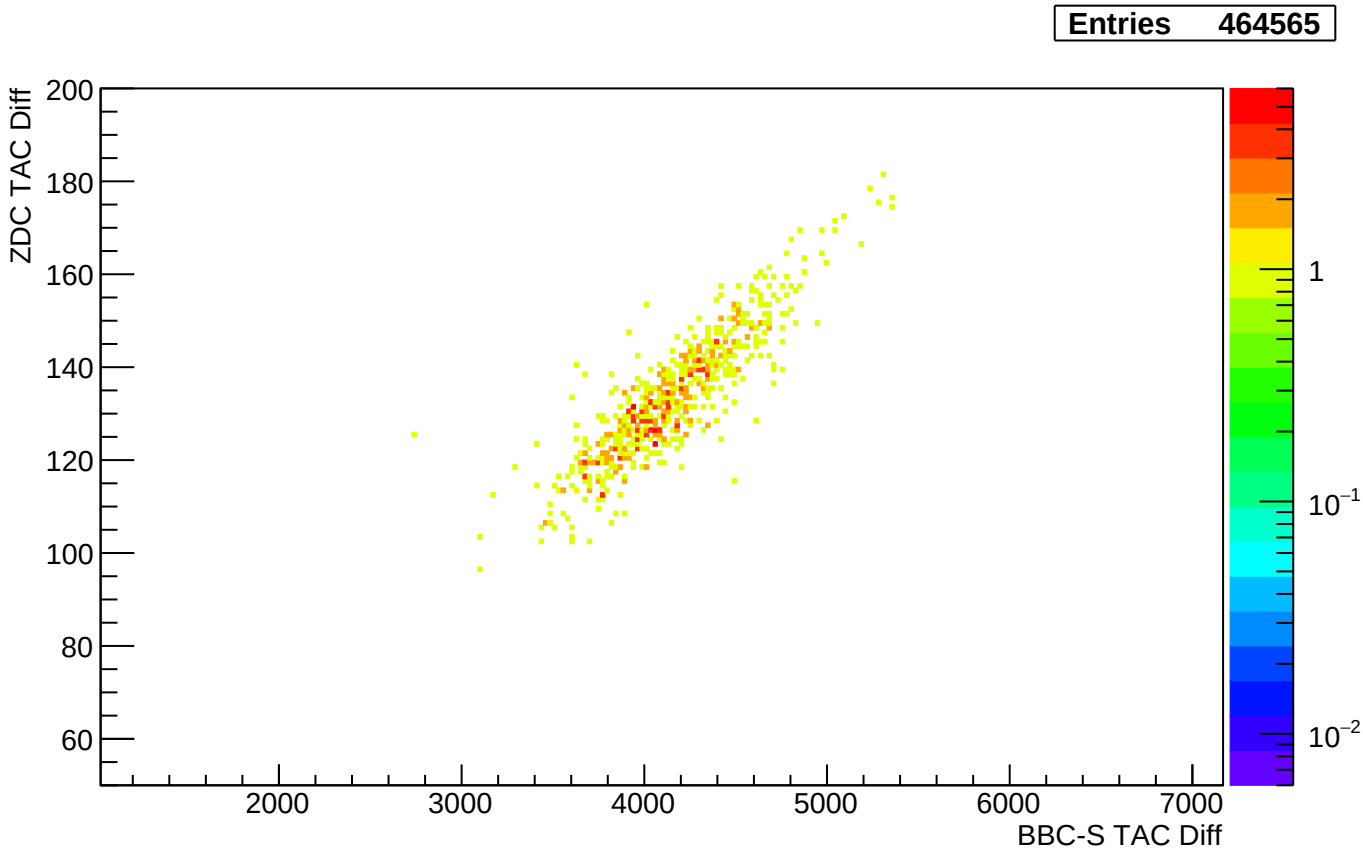

Entries 464565
TOF-Mult
EPD-West Hit Cnt

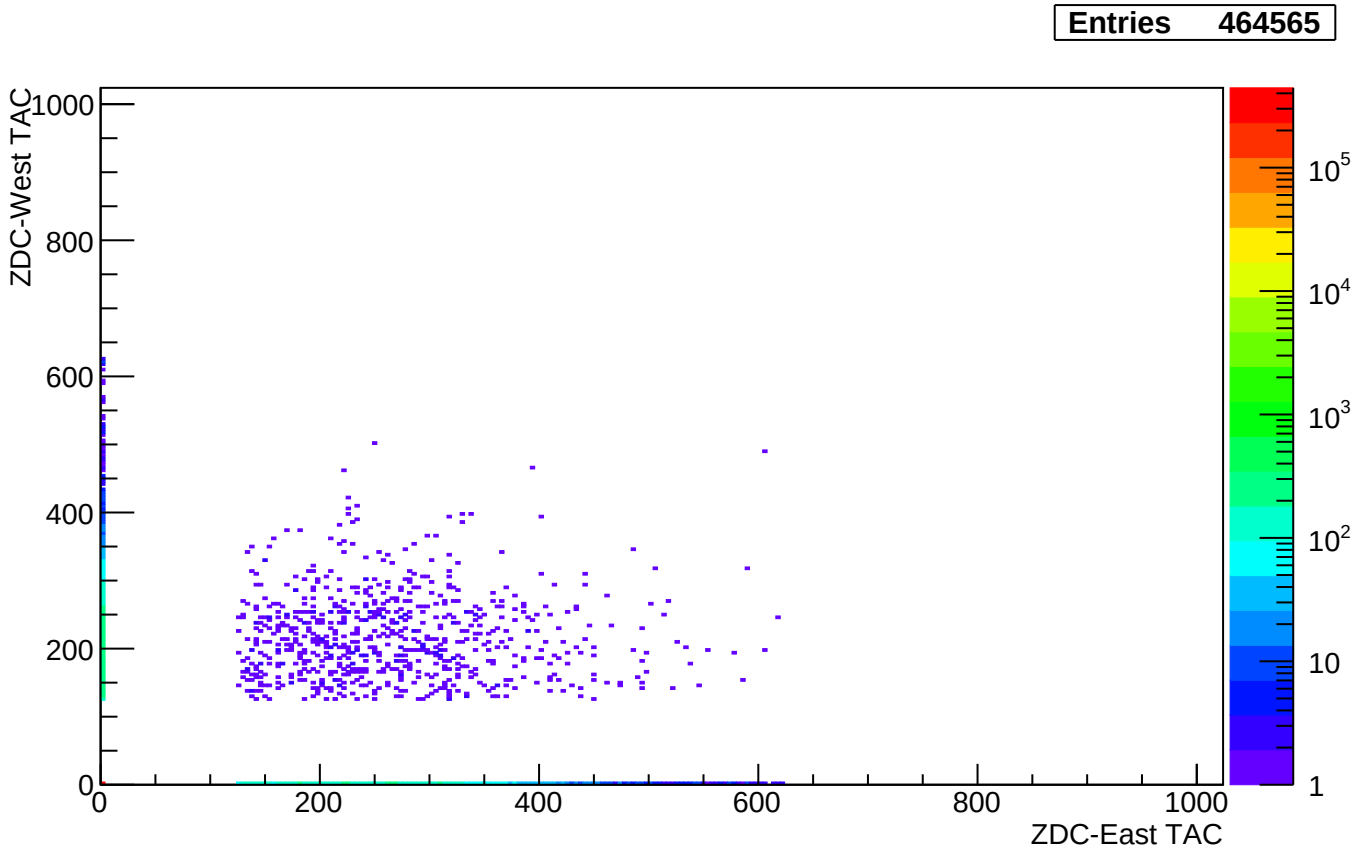

Entries 464565
TOF-Mult
VPD-East ADC Sum

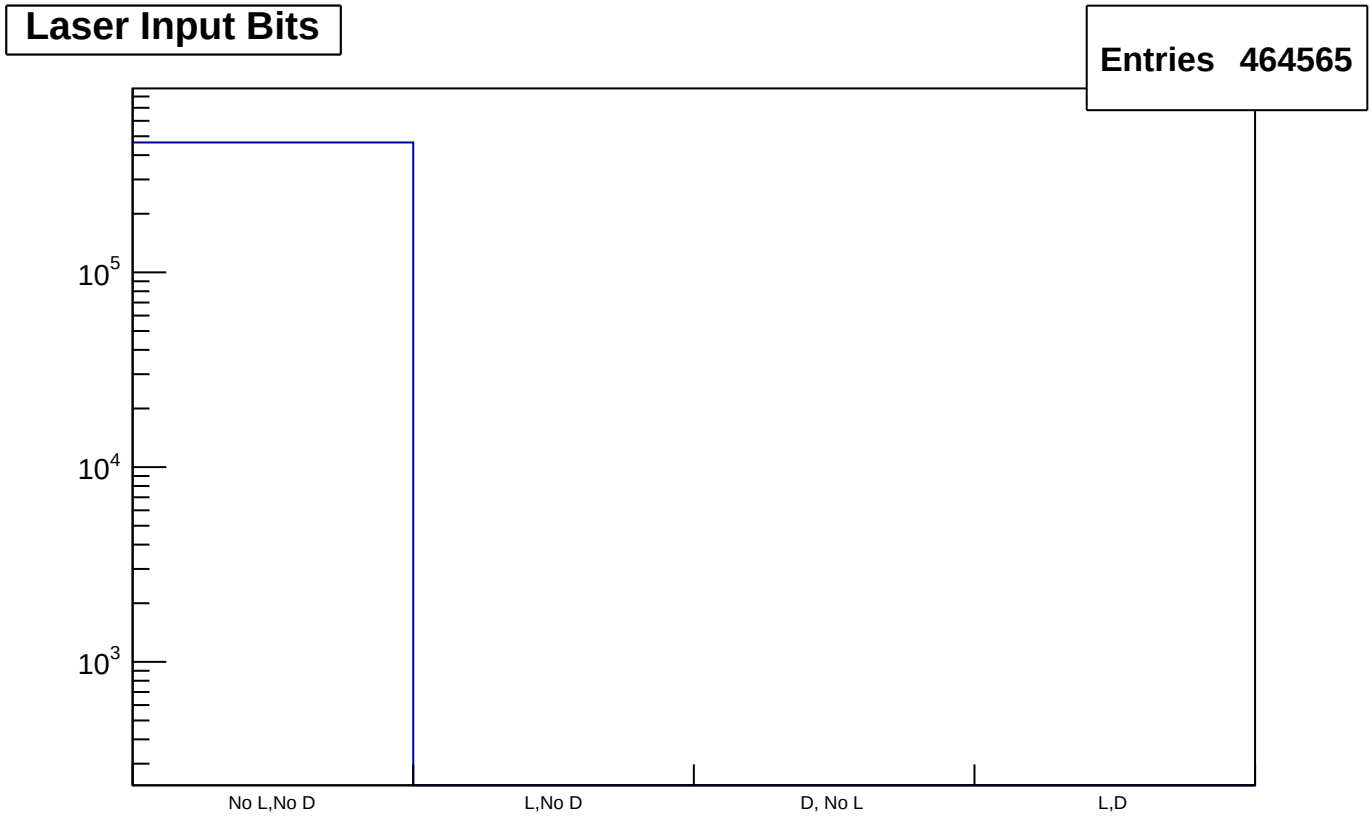

Entries 464565
TOF-Mult
VPD-West ADC Sum

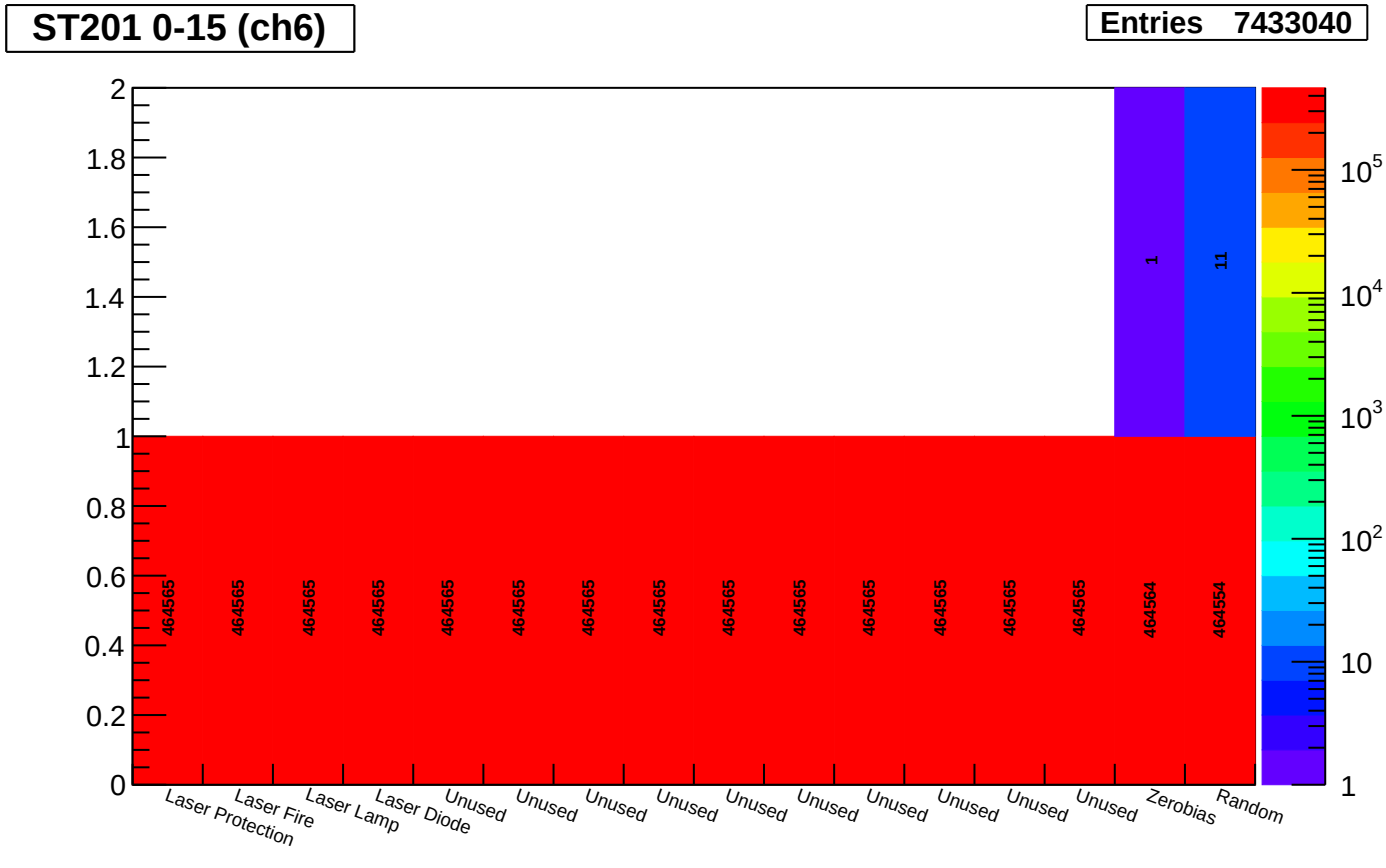

Entries 464565
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

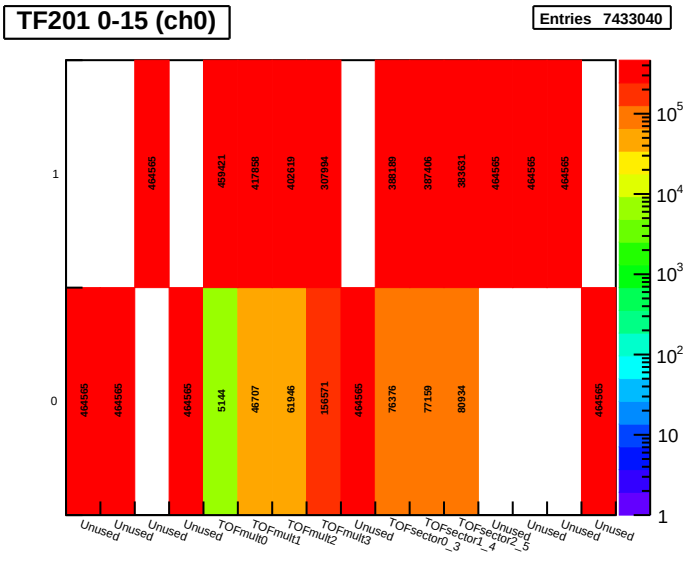

Entries 464565
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

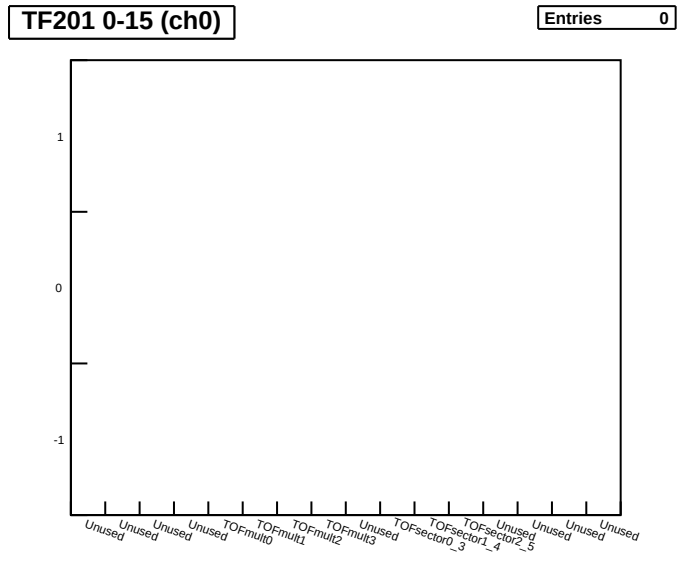

Entries 464565
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

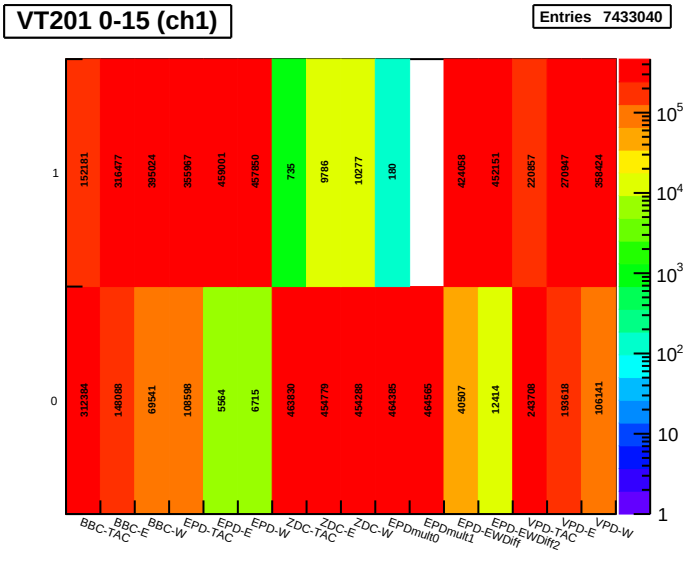

Entries 464565
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

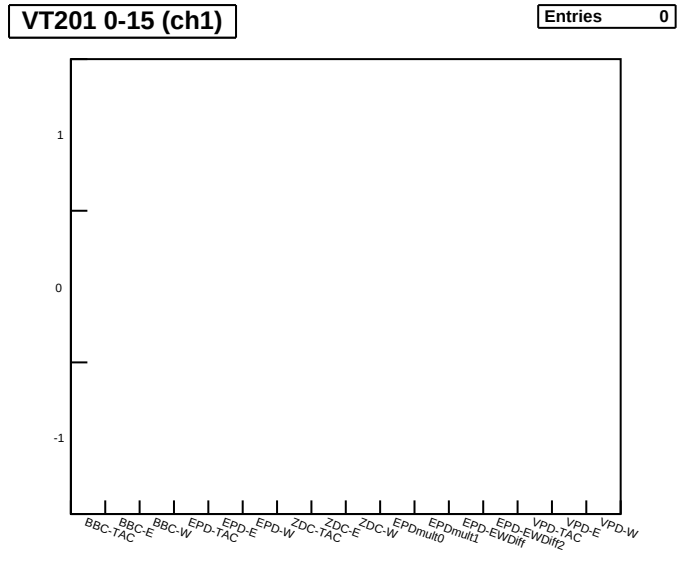

Laser Input Bits
Entries 464565
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

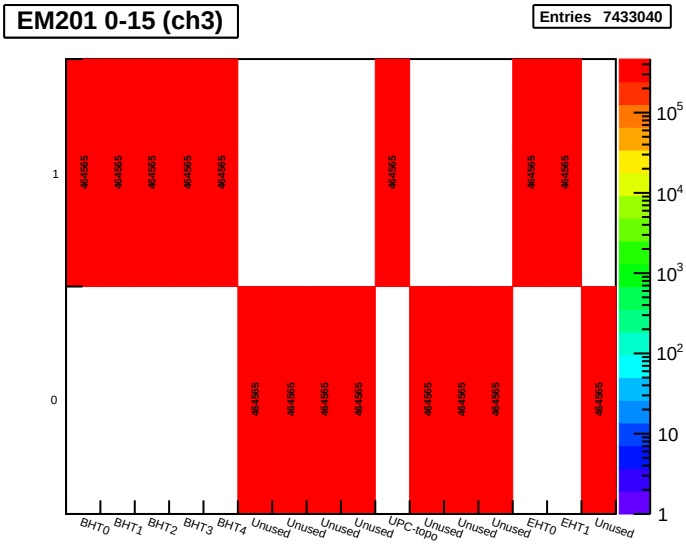

ST201 0-15 (ch6)
Entries 7433040
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
464565
464565
464565
464565
464565
464565
464565
464565
464565
464565
464565
464565
464565
464565
464564
464554
1
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

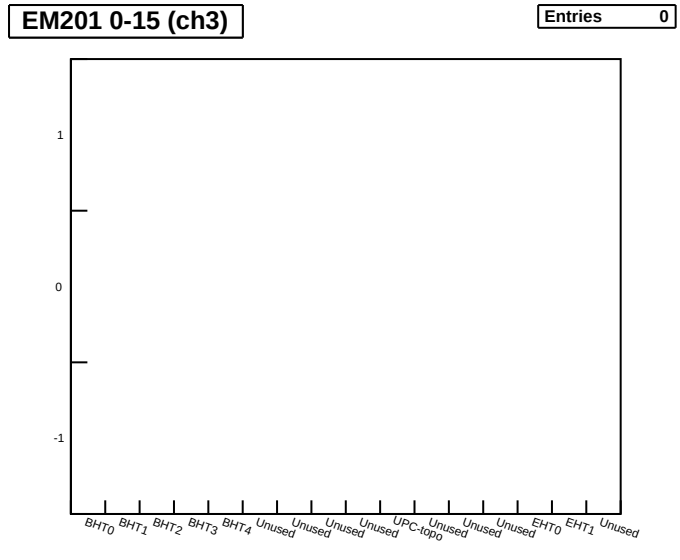

TF201 0-15 (ch0)
Entries 7433040
1
0
464565 459421 417858 402619 307994 388189 397406 383631 464565 464565 464565
464565 464565 464565 5144 46707 61946 156571 464565 76376 77159 80934 464565
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 7433040
1
0
152181 316477 395024 355967 459001 457850 735 9786 10277 180 424053 452151 220857 270947 358424
312384 148088 69541 108598 5564 6715 463830 454779 454288 464385 464565 40507 12414 243708 193618 106141
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 7433040
1
0
464565 464565 464565 464565 464565 464565 464565 464565
464565 464565 464565 464565 464565 464565 464565 464565
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