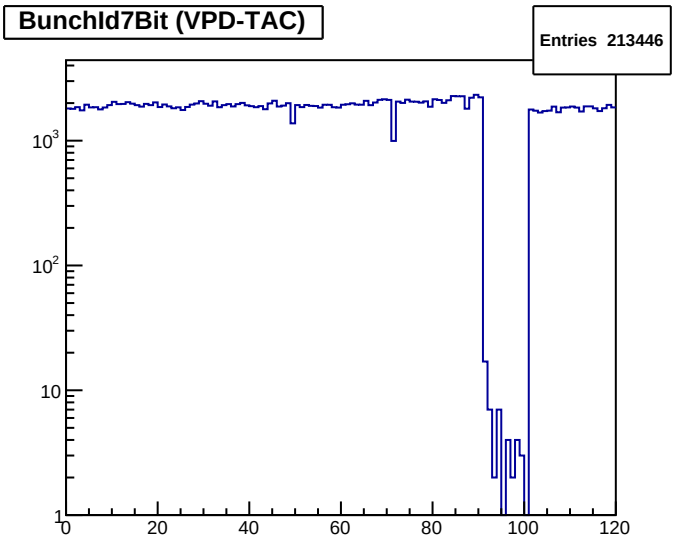
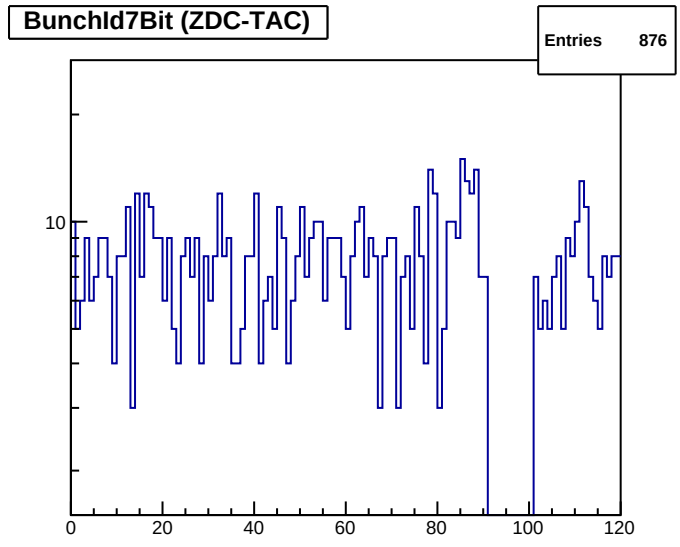
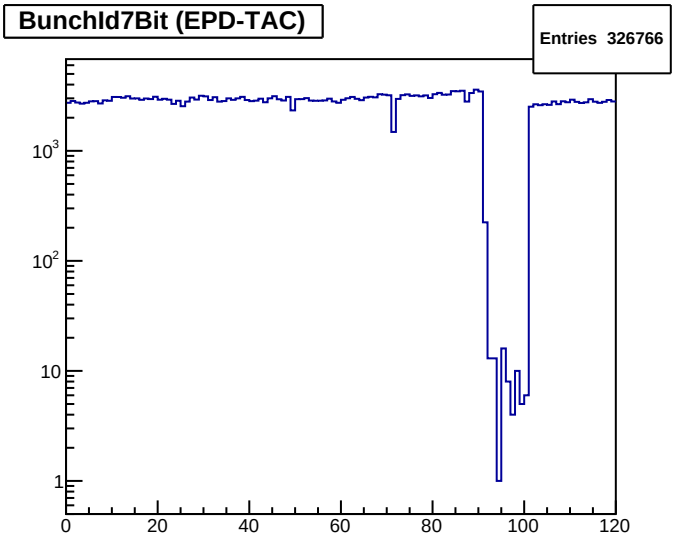
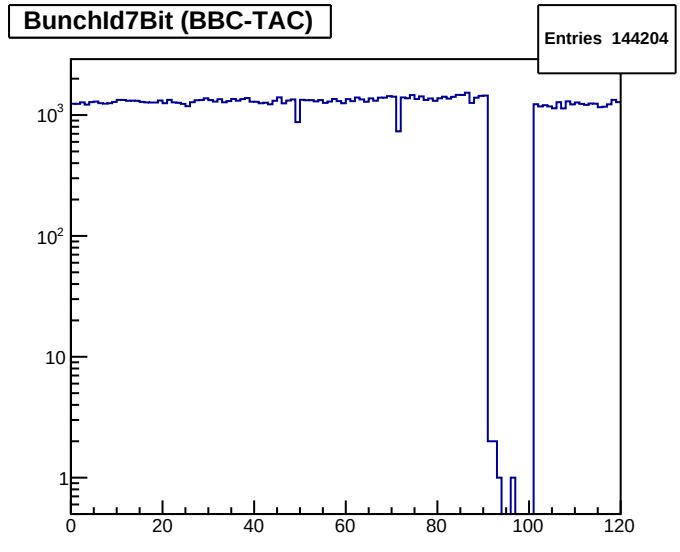
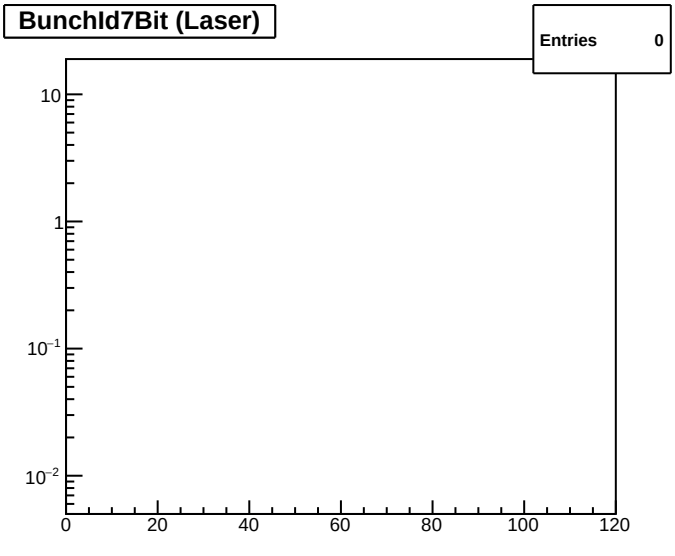
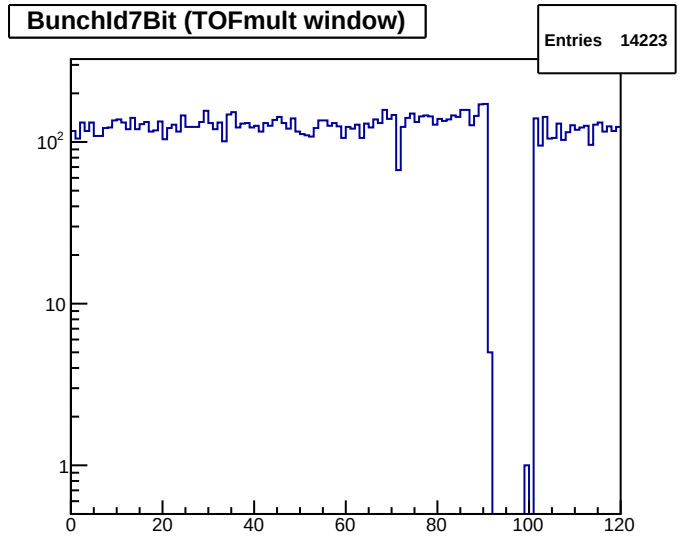

BunchId7Bit (VPD-TAC)
Entries 213446

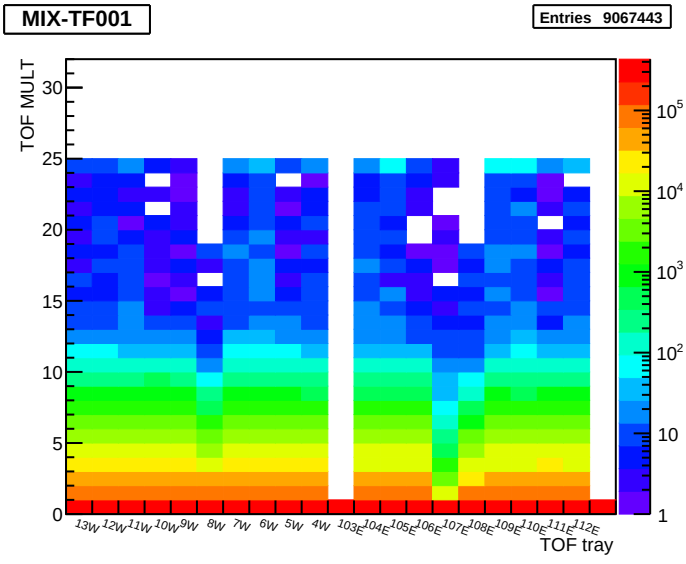

BunchId7Bit (ZDC-TAC)
Entries 876

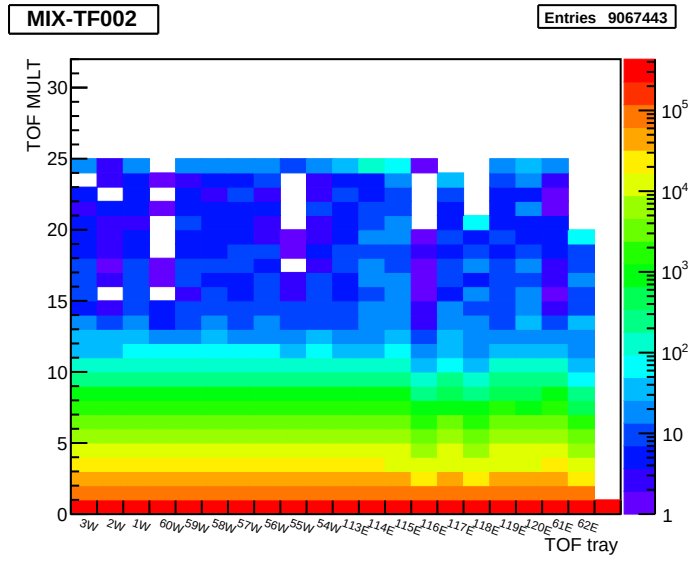

BunchId7Bit (EPD-TAC)
Entries 326766

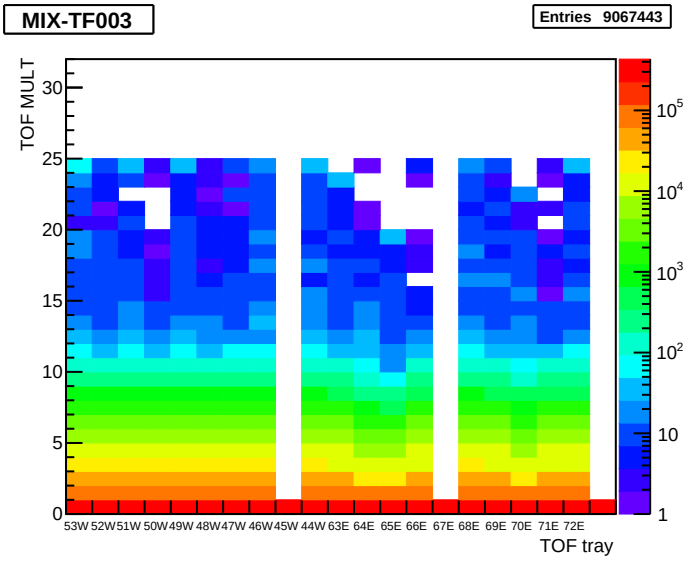

BunchId7Bit (BBC-TAC)
Entries 144204

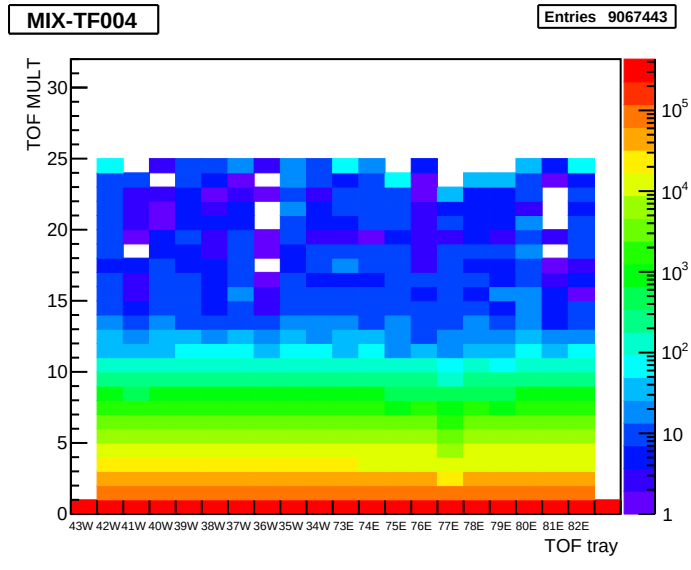

BunchId7Bit (Laser)
Entries 0

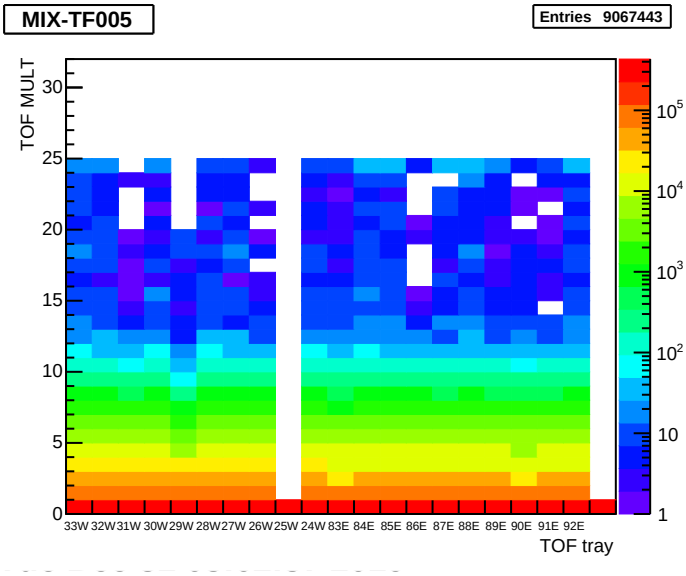

BunchId7Bit (TOFmult window)
Entries 14223

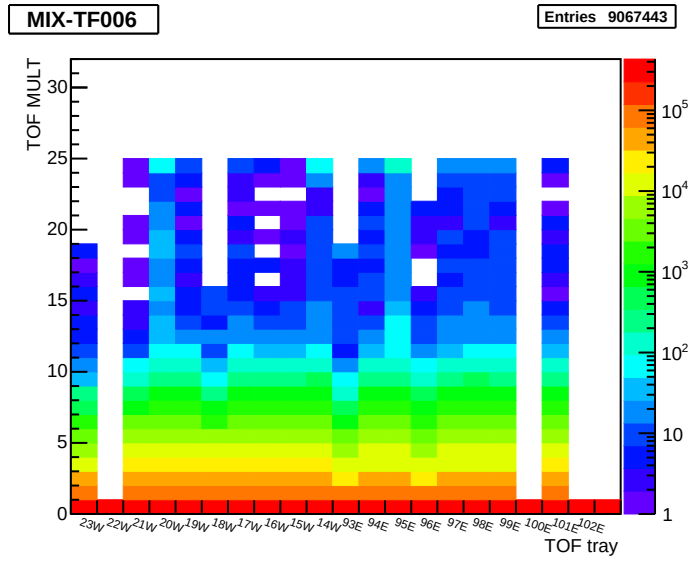

MIX-TF001
Entries 9067443
TOF MULT
TOF tray

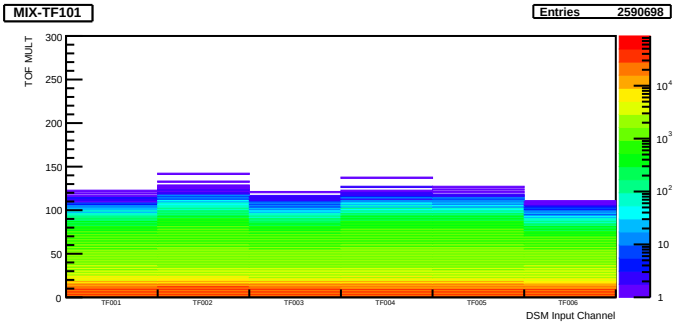

MIX-TF002
Entries 9067443
TOF MULT
TOF tray

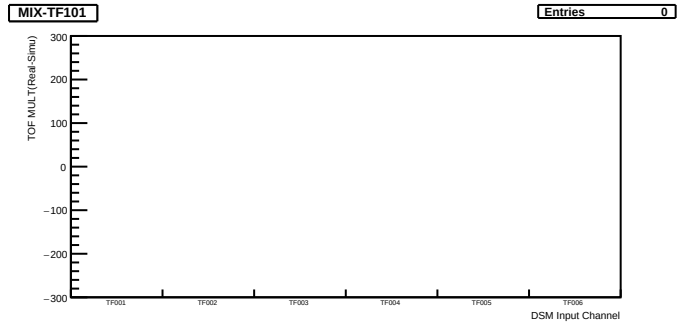

MIX-TF003
Entries 9067443
TOF MULT
TOF tray

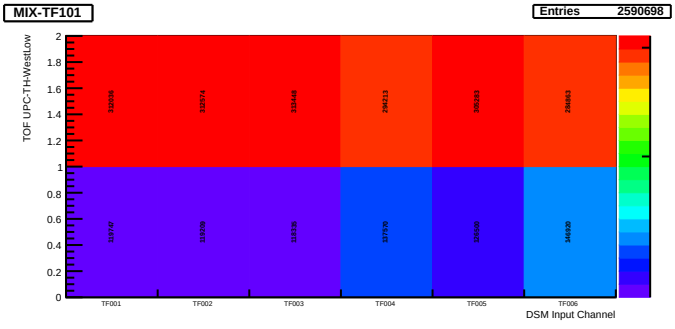

MIX-TF004
Entries 9067443
TOF MULT
TOF tray

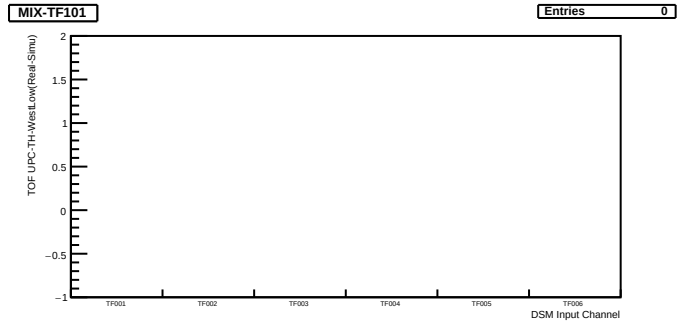

MIX-TF005
Entries 9067443
TOF MULT
TOF tray

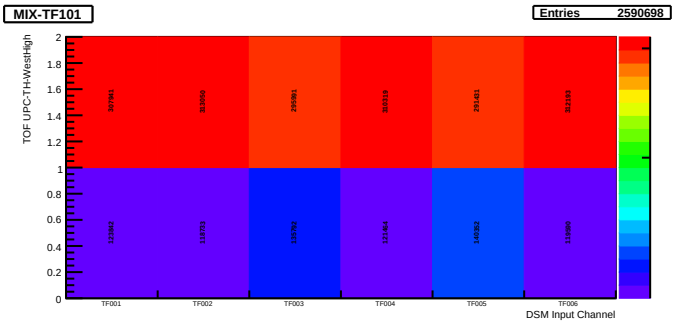

MIX-TF006
Entries 9067443
TOF MULT
TOF tray

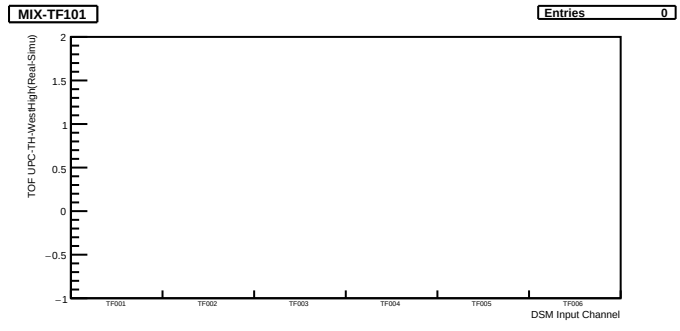

MIX-TF101
Entries 2590698
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

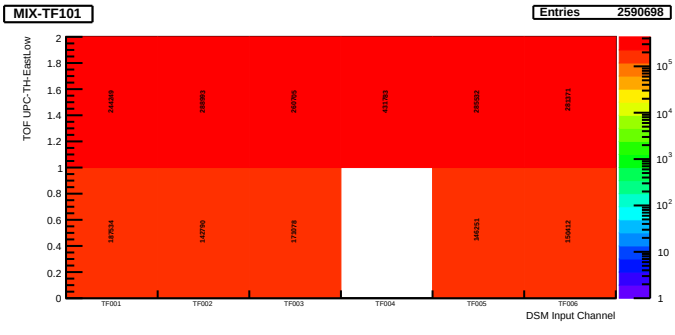

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

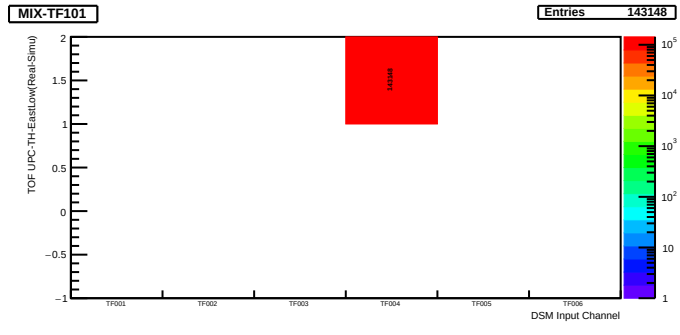

MIX-TF101
Entries 2590698
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

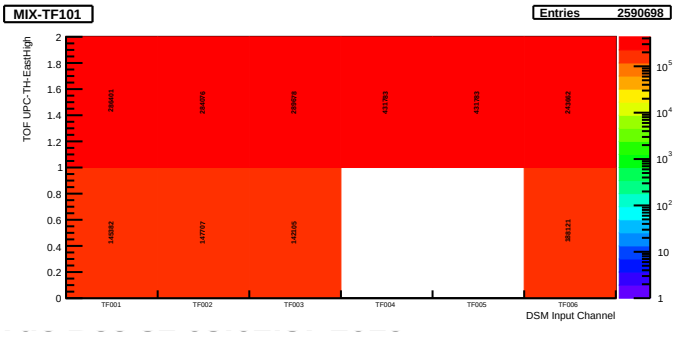

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

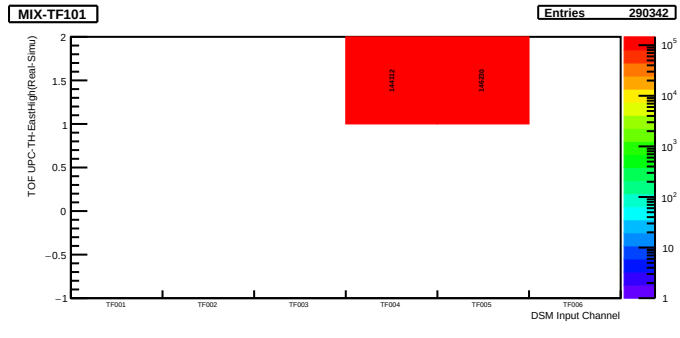

MIX-TF101
Entries 2590698
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

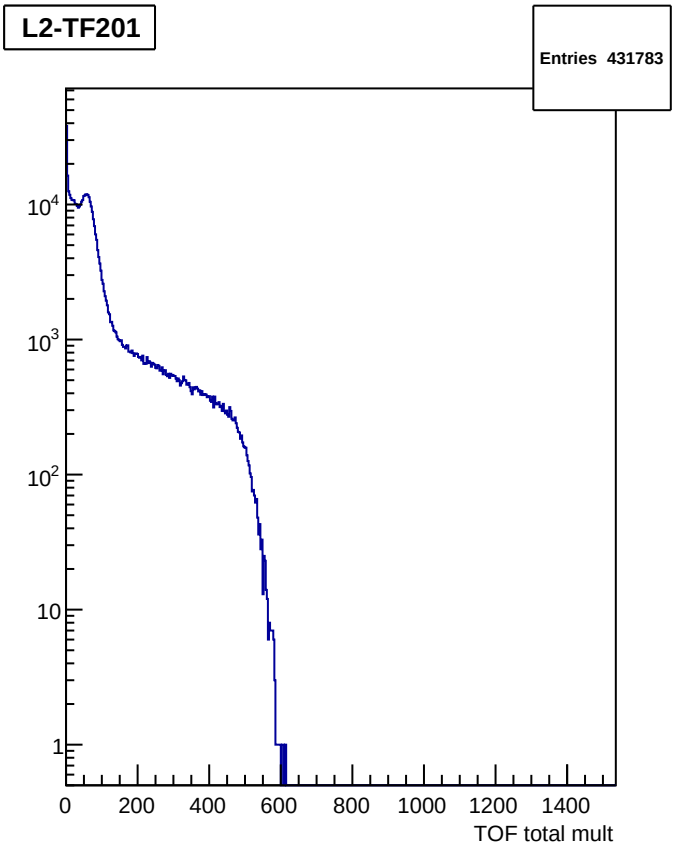

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

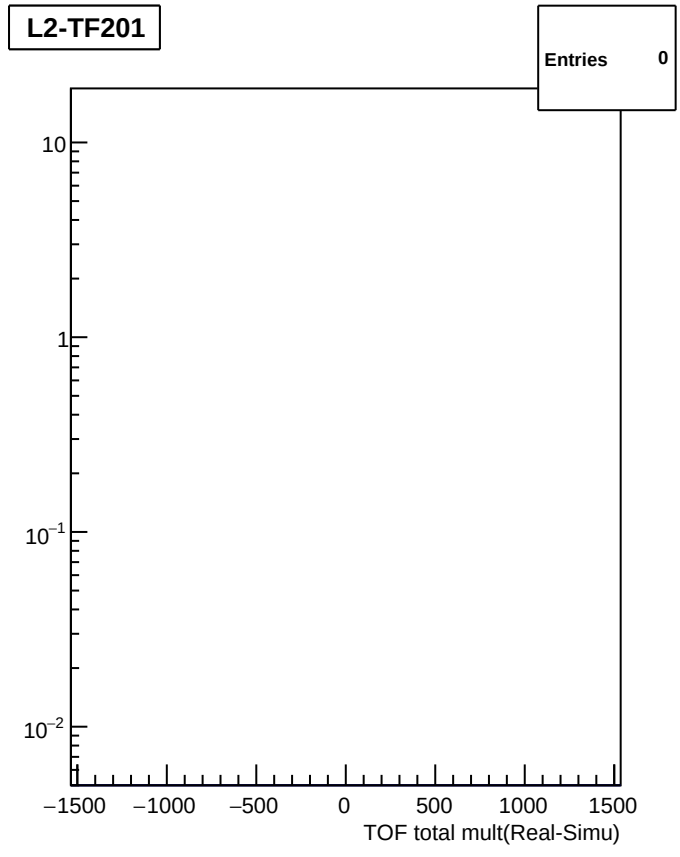

MIX-TF101
Entries 2590698
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

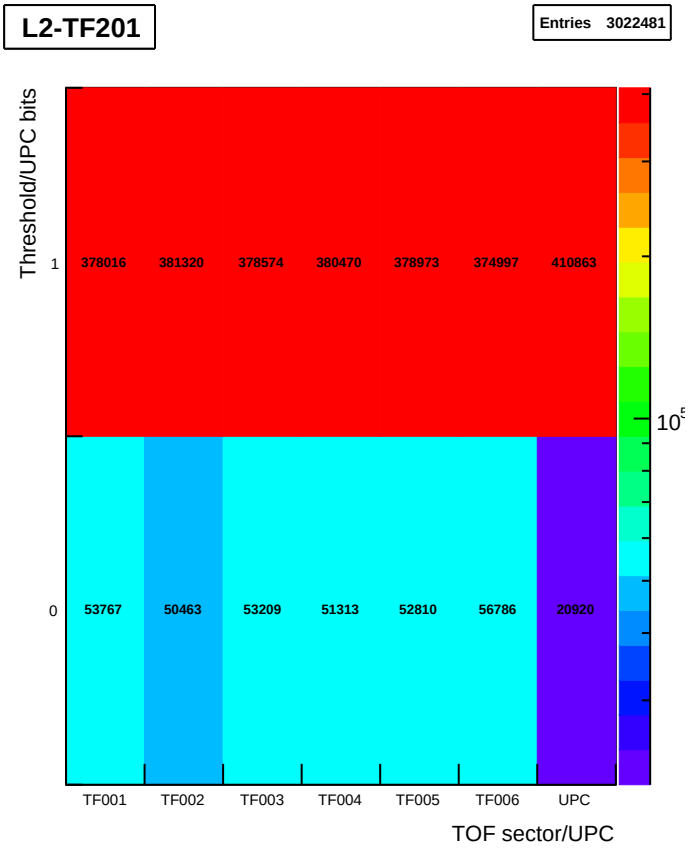

MIX-TF101
Entries 143148
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

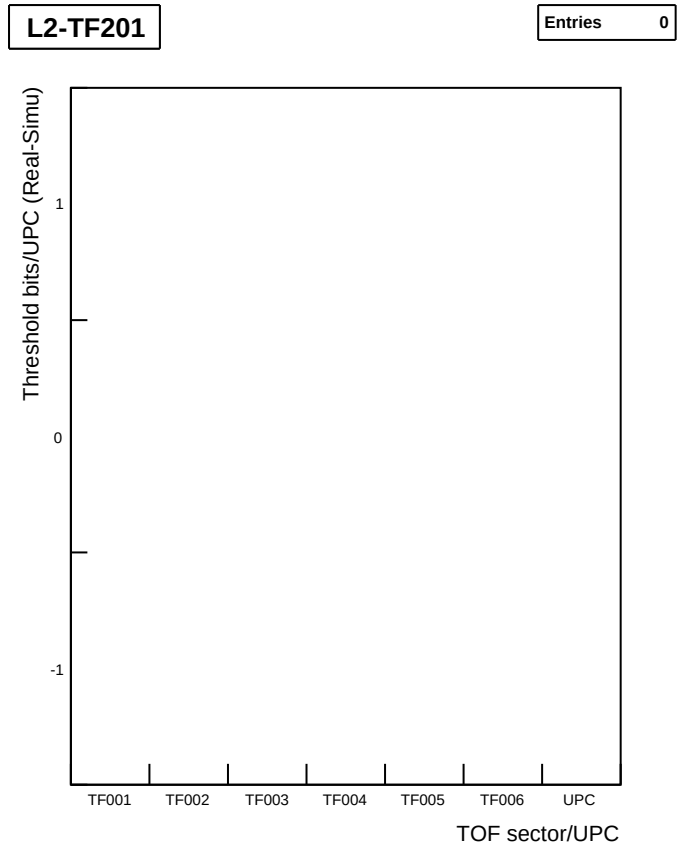

MIX-TF101
Entries 2590698
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

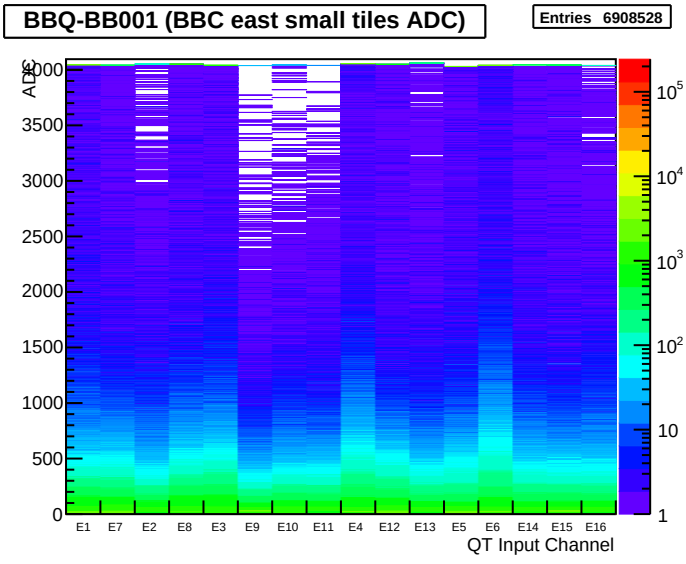

MIX-TF101
Entries 290342
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

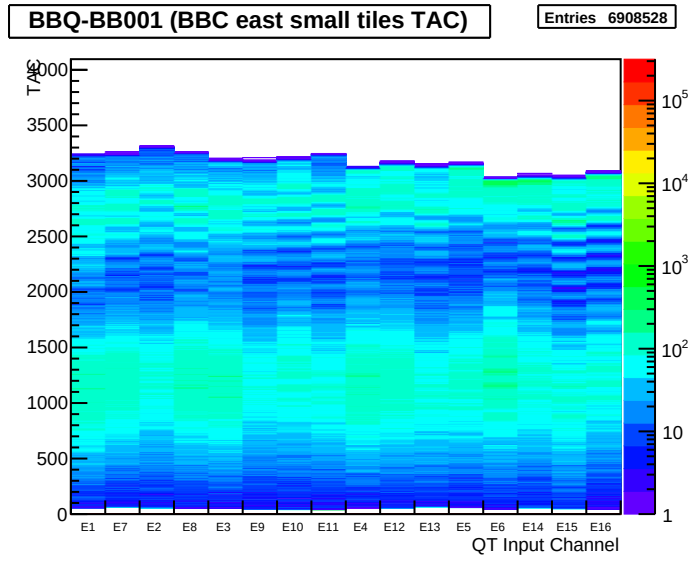

L2-TF201
Entries 431783
TOF total mult

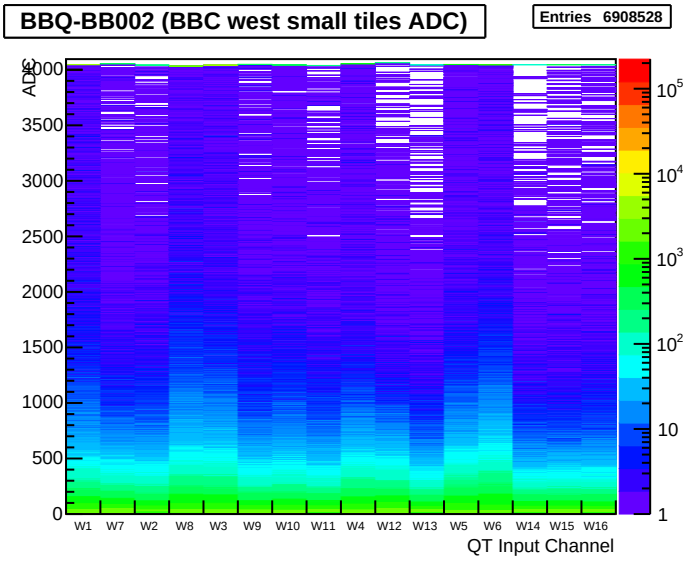

L2-TF201
Entries 0
TOF total mult(Real-Simu)

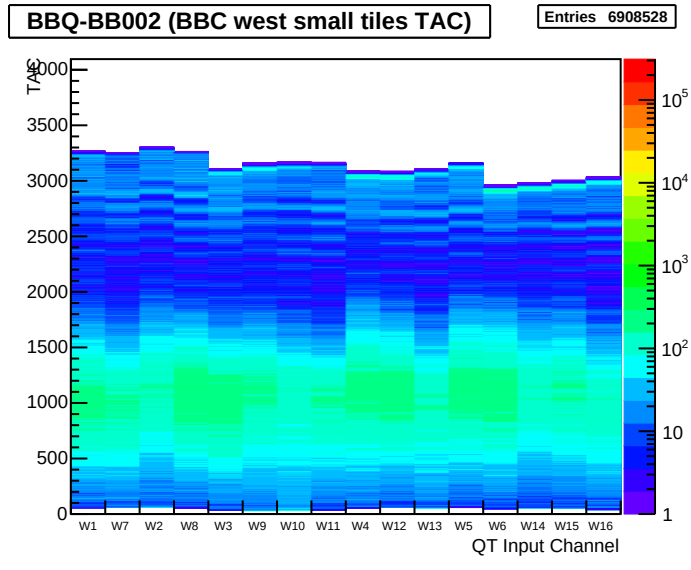

L2-TF201
Entries 3022481
Threshold/UPC bits
378016
381320
378574
380470
378973
374997
410863
53767
50463
53209
51313
52810
56786
20920
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

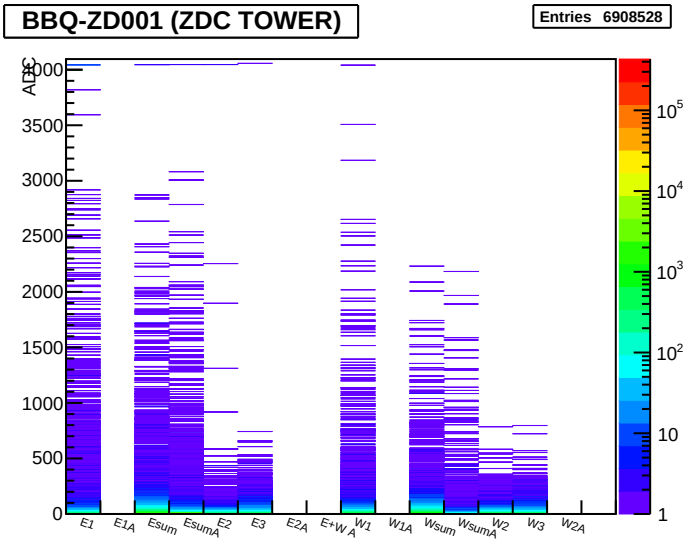

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

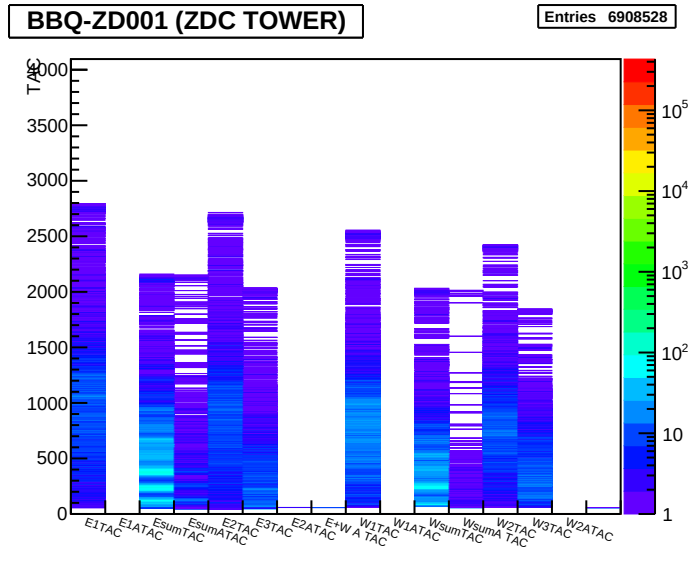

BBQ-BB001 (BBC east small tiles ADC)
Entries 6908528
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

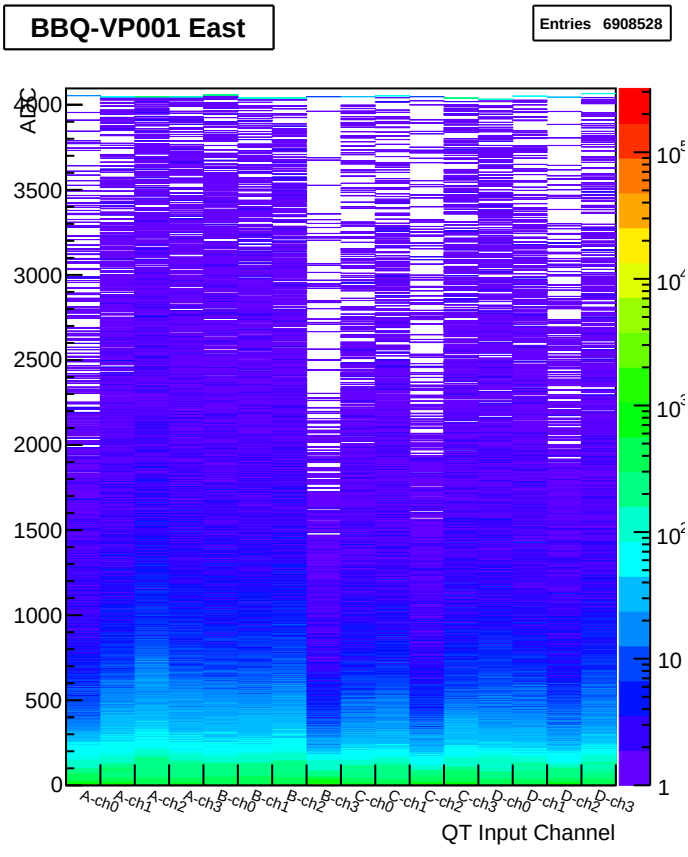

BBQ-BB001 (BBC east small tiles TAC)
Entries 6908528
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

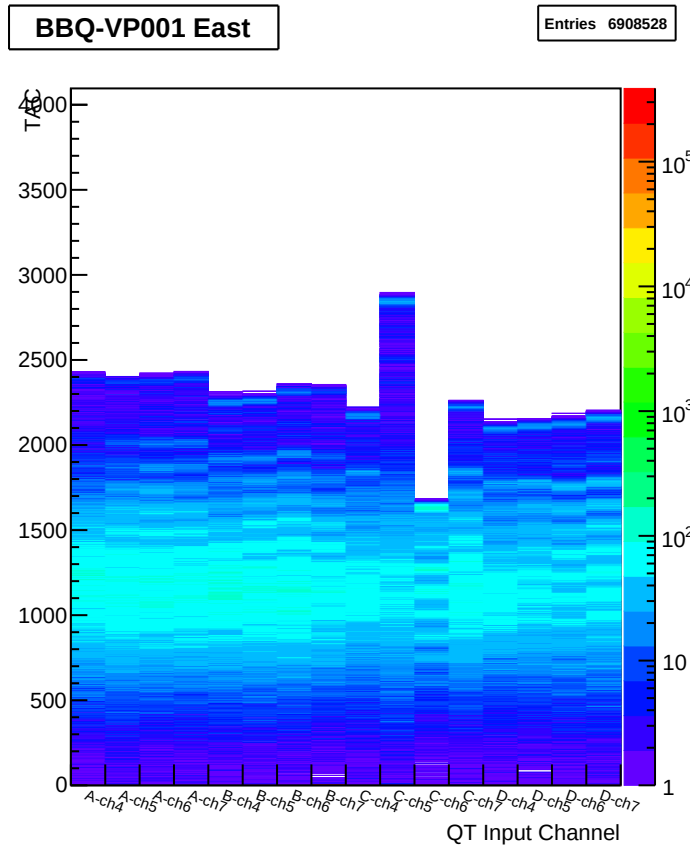

BBQ-BB002 (BBC west small tiles ADC)
Entries 6908528
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

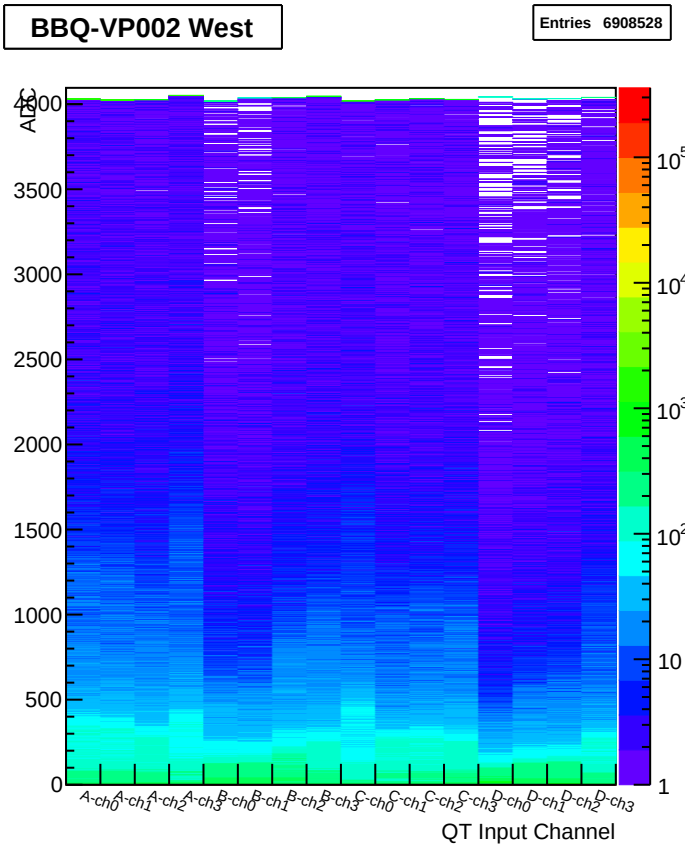

BBQ-BB002 (BBC west small tiles TAC)
Entries 6908528
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

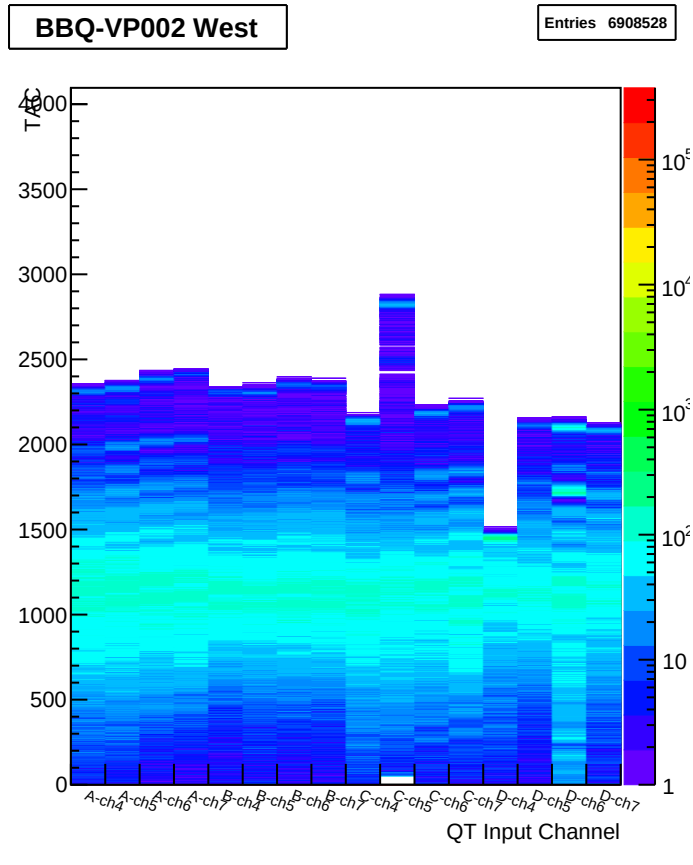

BBQ-ZD001 (ZDC TOWER)
Entries 6908528
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

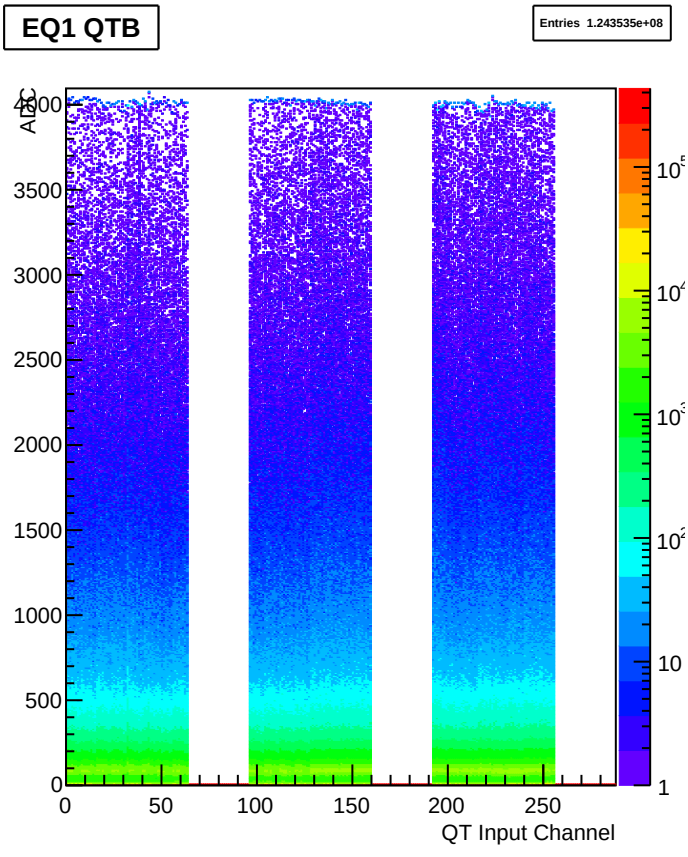

BBQ-ZD001 (ZDC TOWER)
Entries 6908528
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

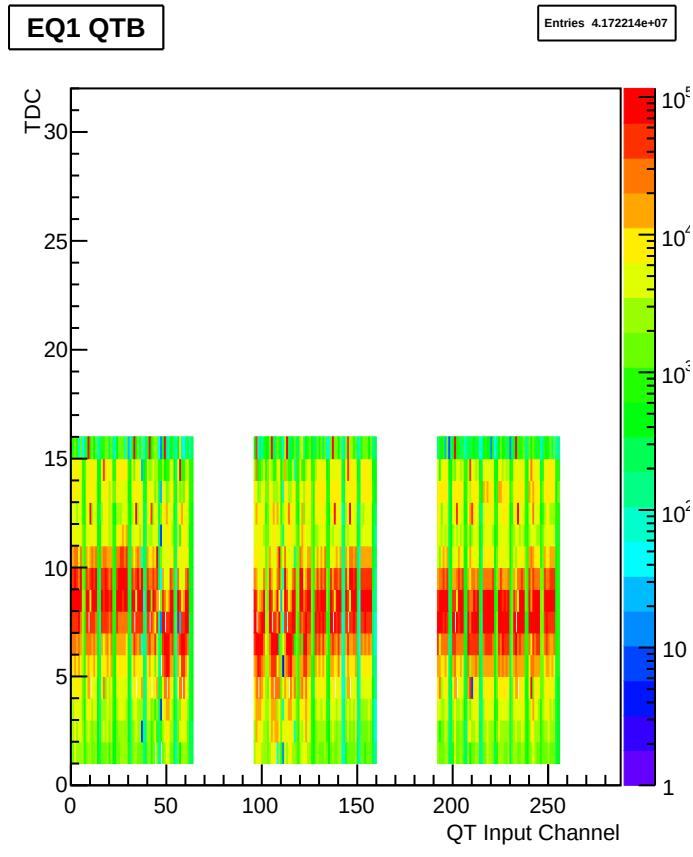

BBQ-VP001 East
Entries 6908528
ADC
QT Input Channel

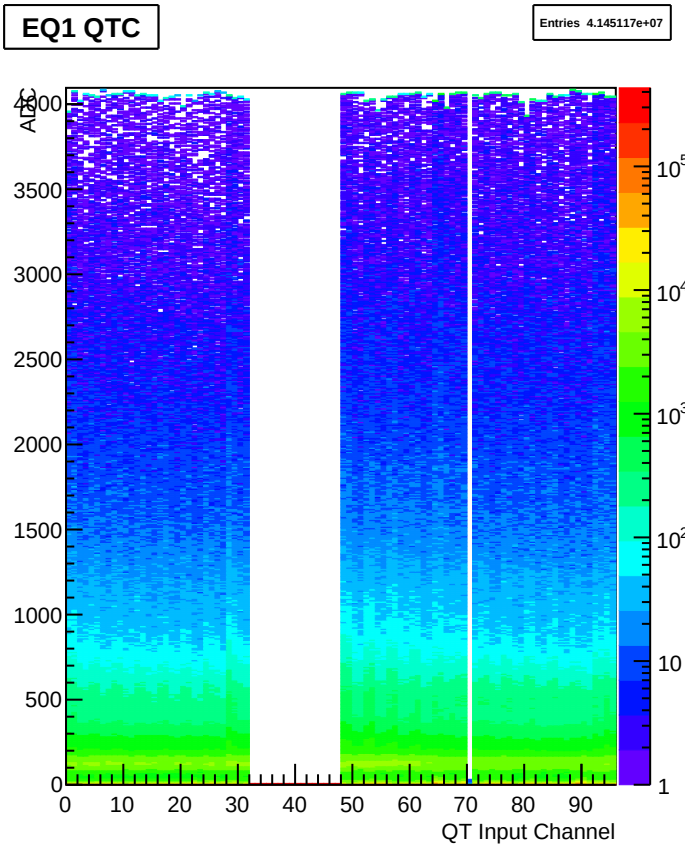

BBQ-VP001 East
Entries 6908528
ADC
QT Input Channel

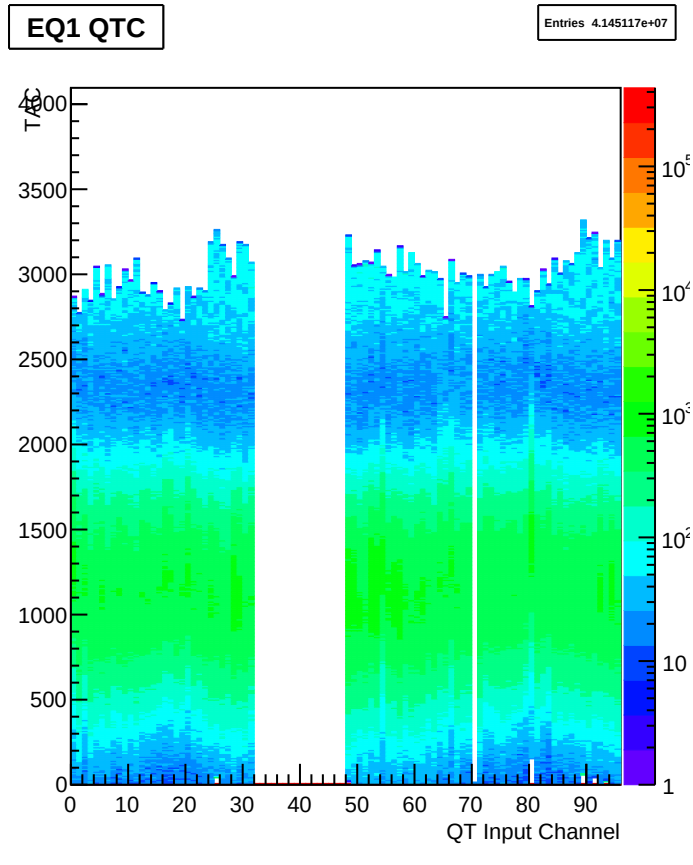

BBQ-VP002 West
Entries 6908528
ADC
QT Input Channel

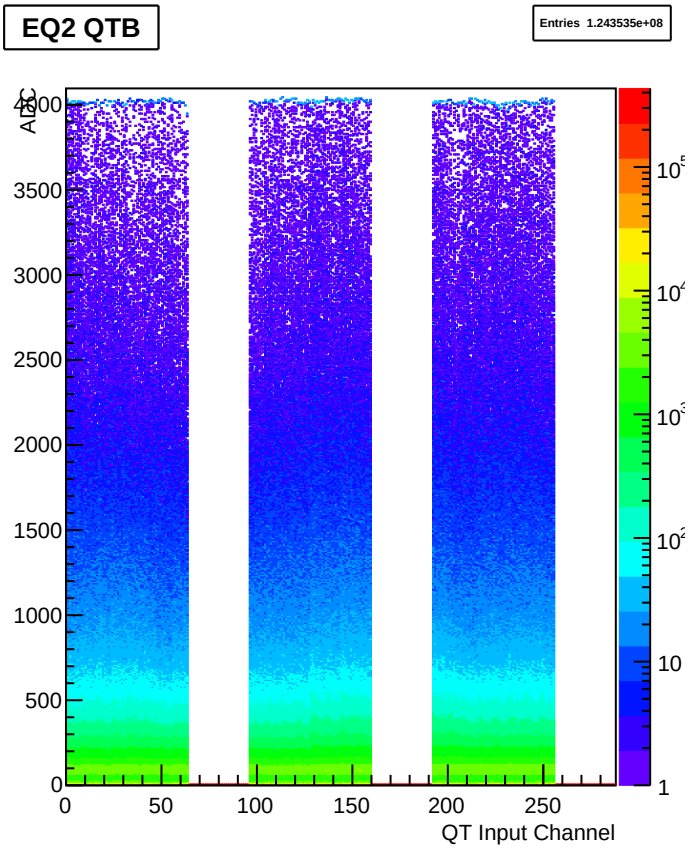

BBQ-VP002 West
Entries 6908528
ADC
QT Input Channel

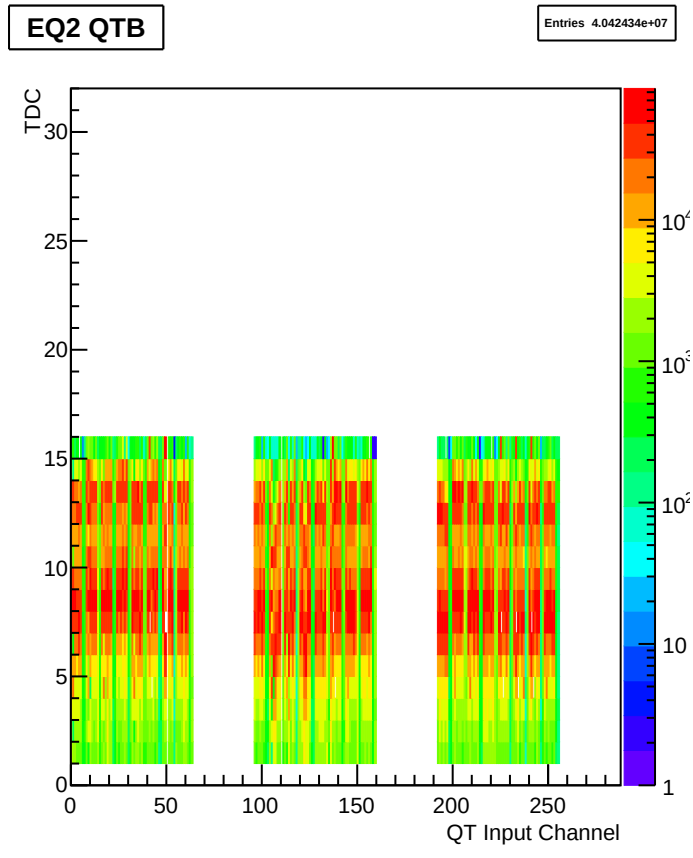

EQ1 QTB
Entries 1.243535e+08
ADC
QT Input Channel

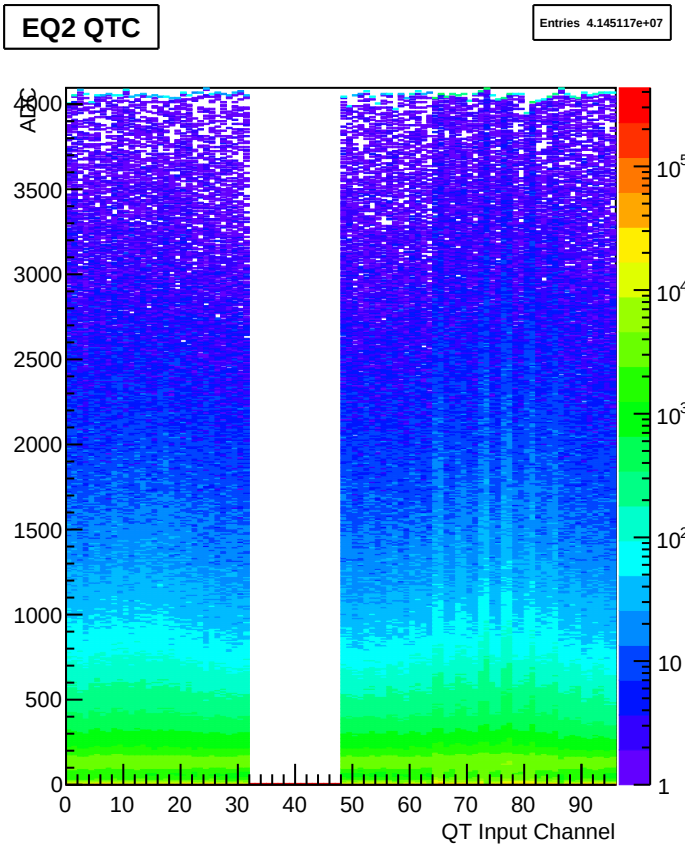

EQ1 QTB
Entries 4.172214e+07
TDC
QT Input Channel

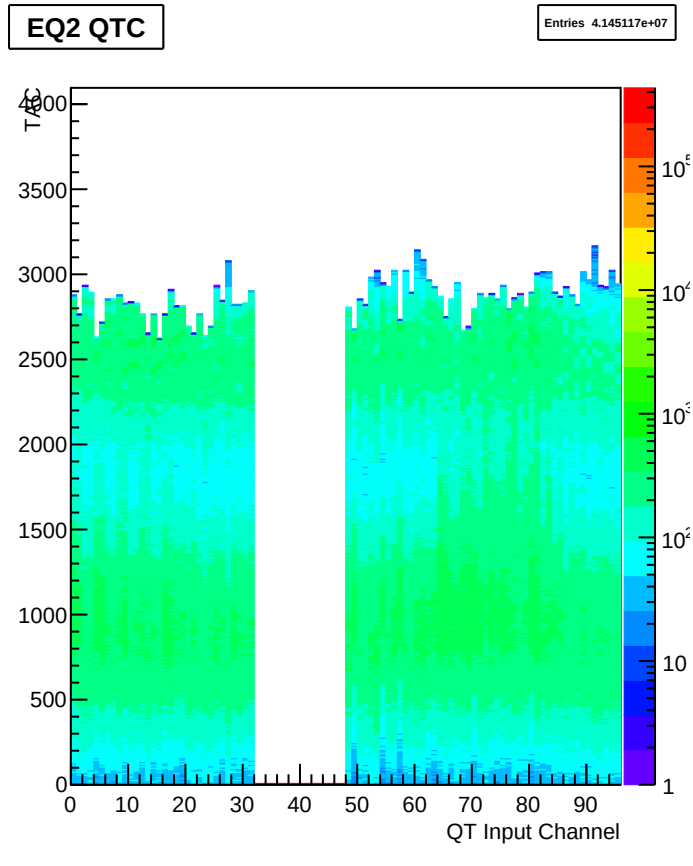

EQ1 QTC
Entries 4.145117e+07
ADC
QT Input Channel

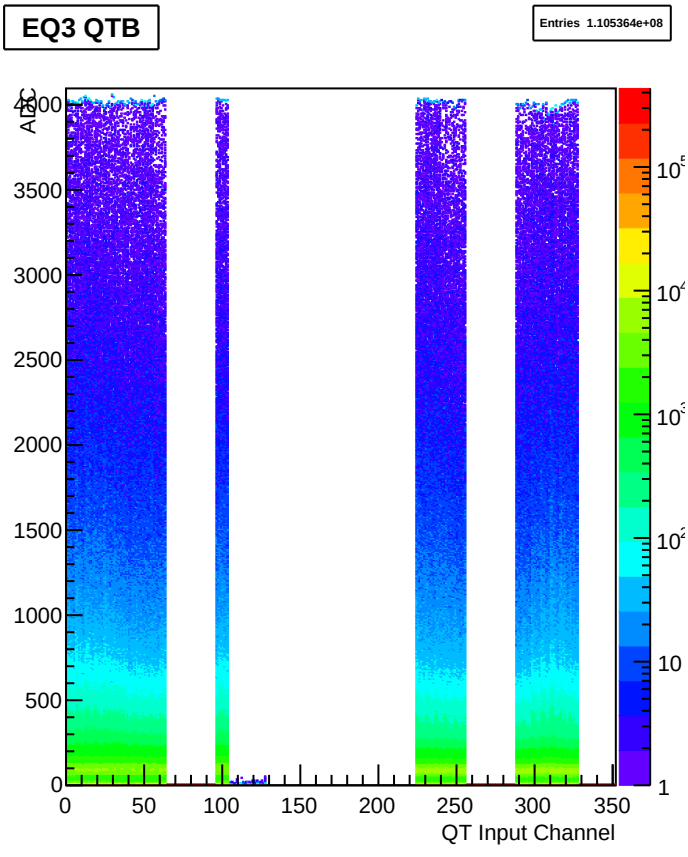

EQ1 QTC
Entries 4.145117e+07
TADC
QT Input Channel

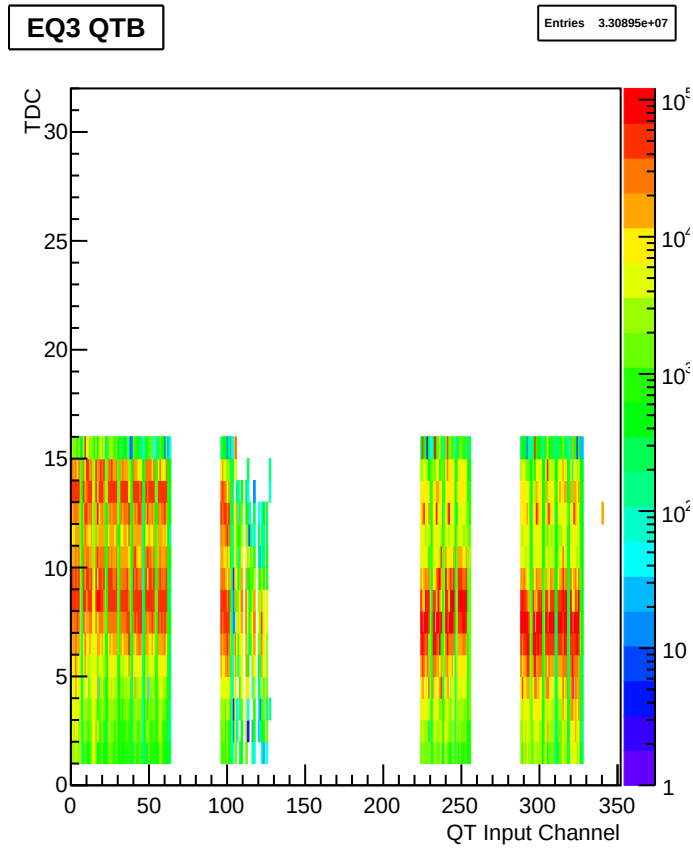

EQ2 QTB
Entries 1.243535e+08
ADC
QT Input Channel

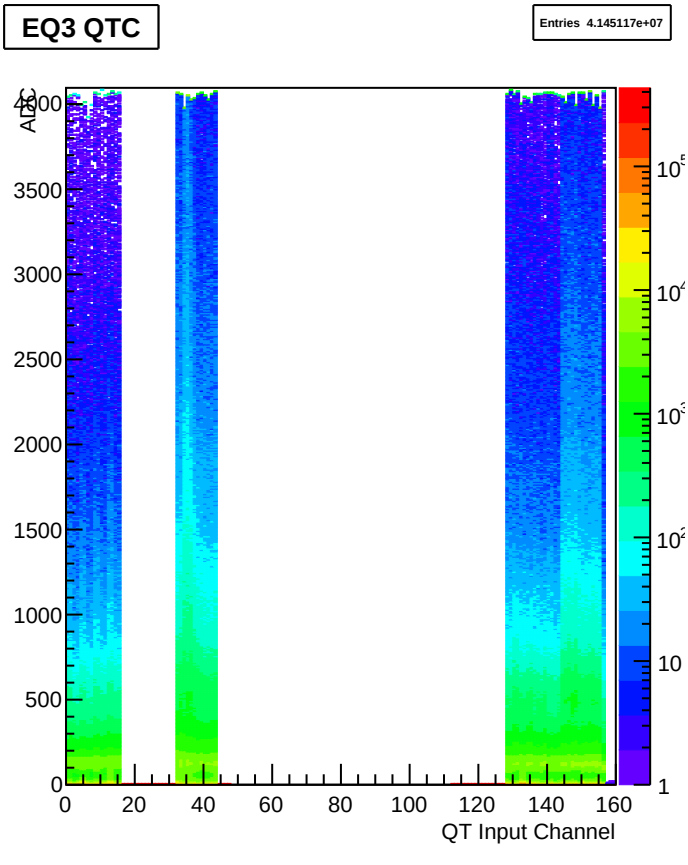

EQ2 QTB
Entries 4.042434e+07
TDC
QT Input Channel

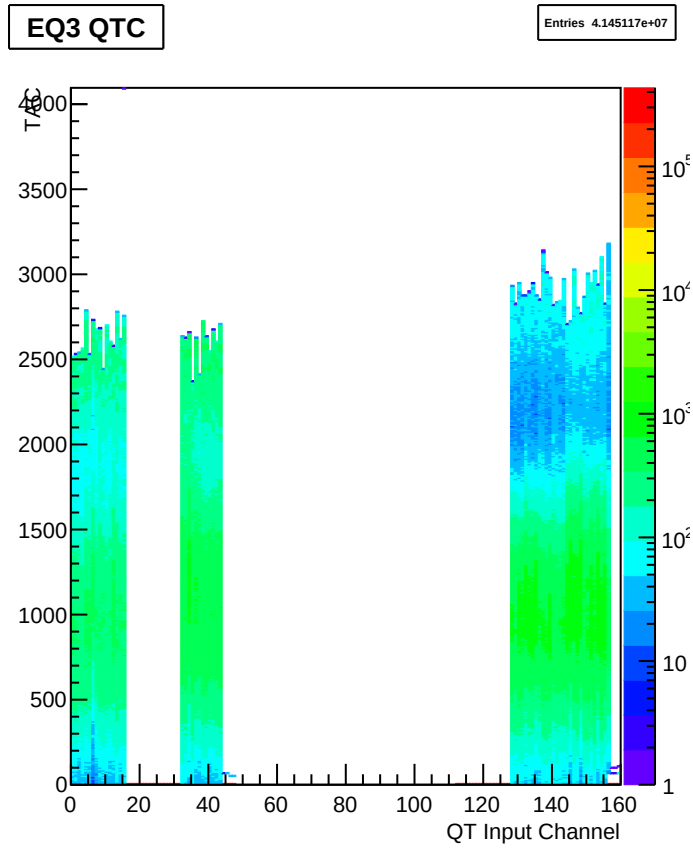

EQ2 QTC
Entries 4.145117e+07
ADC
QT Input Channel

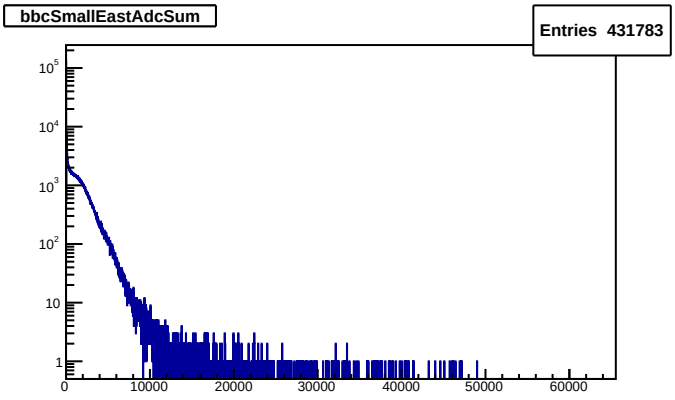

EQ2 QTC
Entries 4.145117e+07
TADC
QT Input Channel

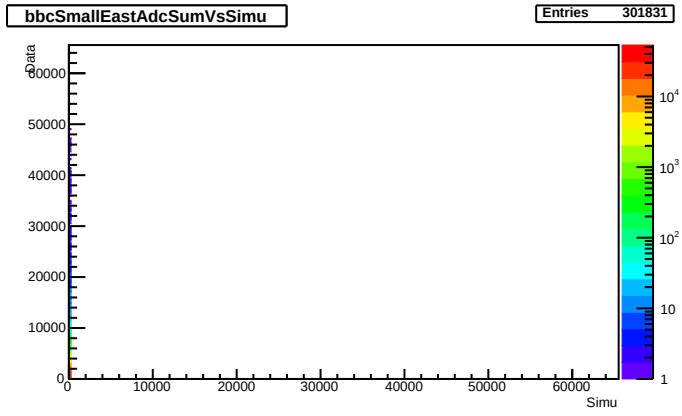

EQ3 QTB
Entries 1.105364e+08
ADC
QT Input Channel

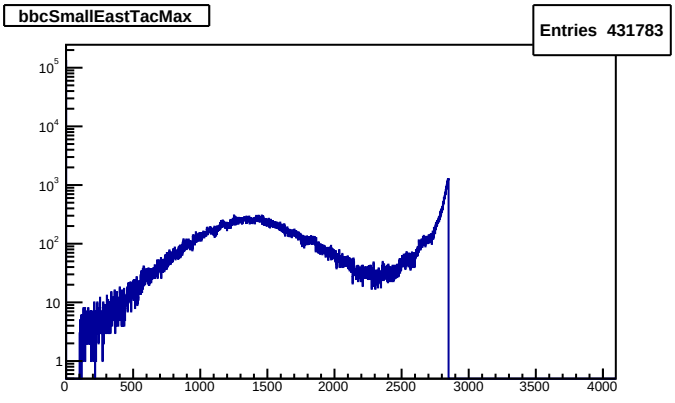

EQ3 QTB
Entries 3.30895e+07
TDC
QT Input Channel

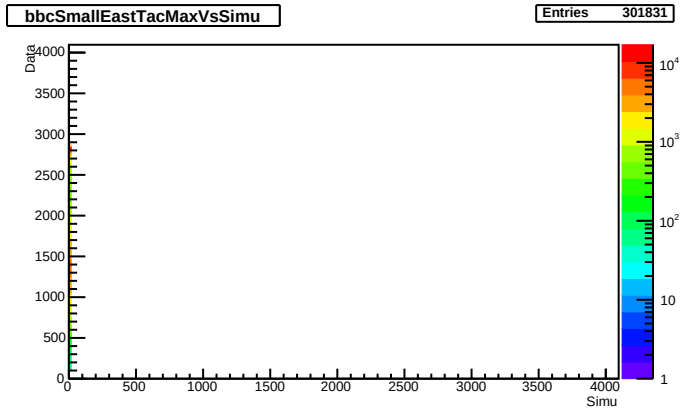

EQ3 QTC
Entries 4.145117e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.145117e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 431783


bbcSmallEastAdcSumVsSimu
Entries 301831
Data
Simu


bbcSmallEastTacMax
Entries 431783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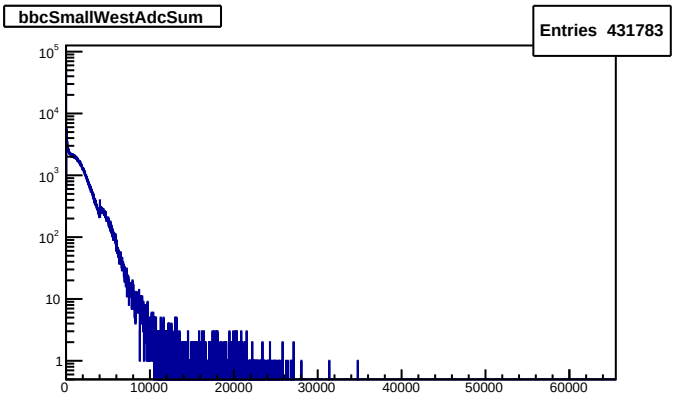
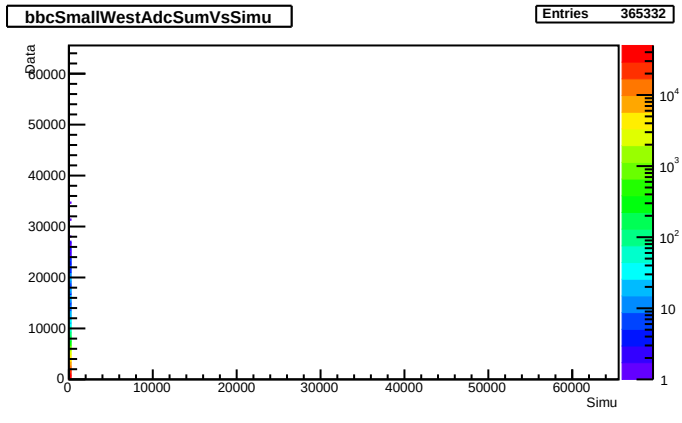
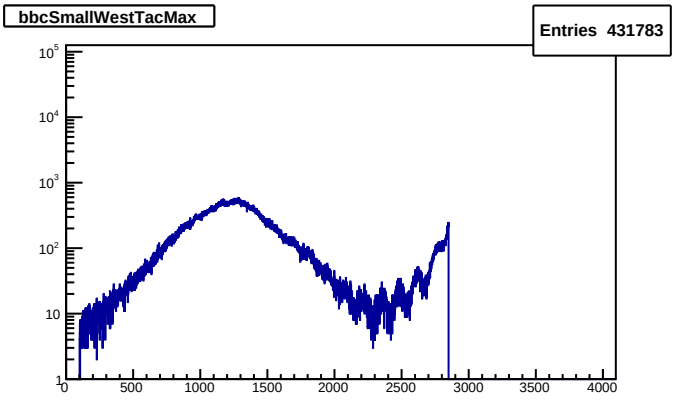
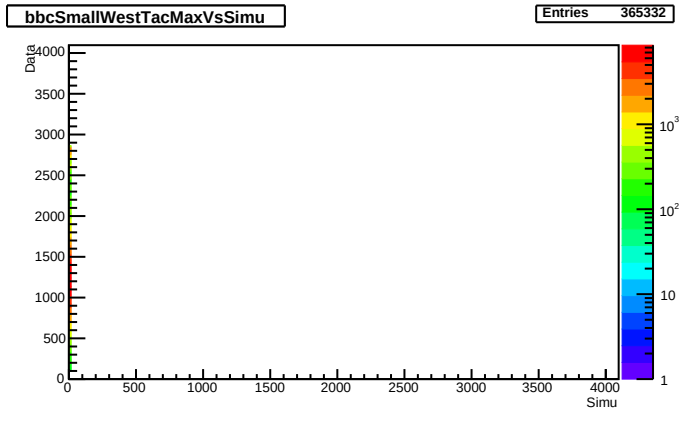
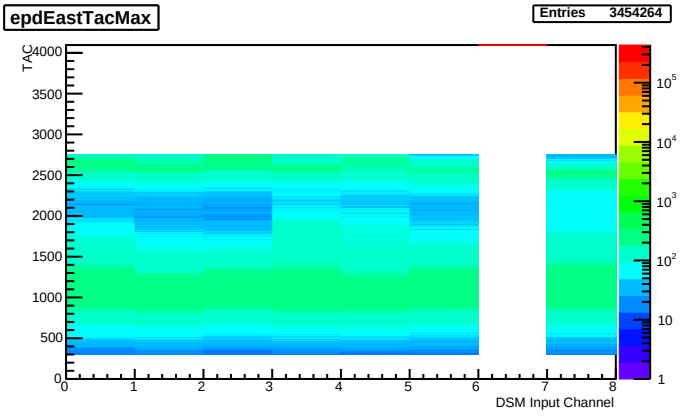
Entries 301831
Data
Simu

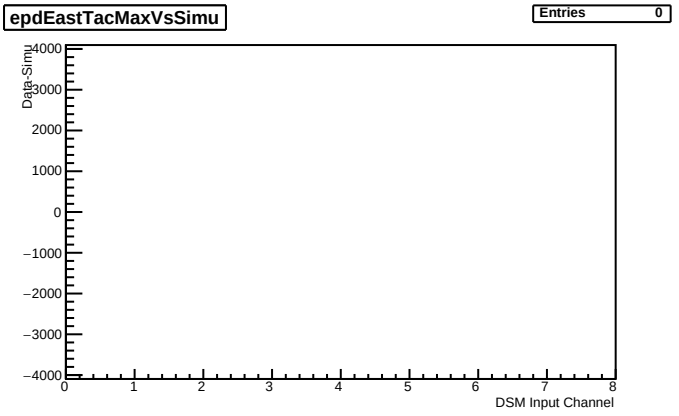

bbcSmallWestAdcSum
Entries 431783

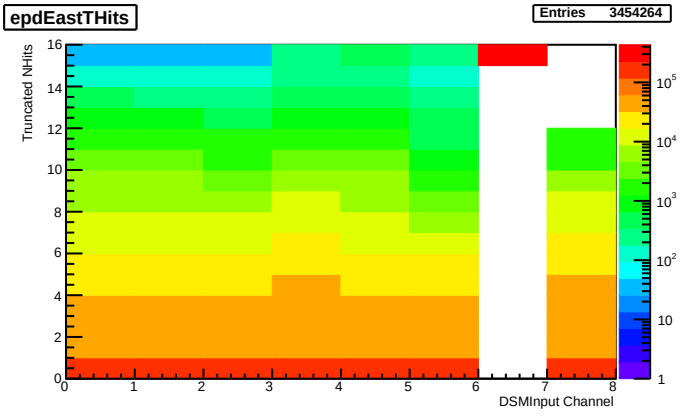

bbcSmallWestAdcSumVsSimu
Entries 365332
Data
Simu

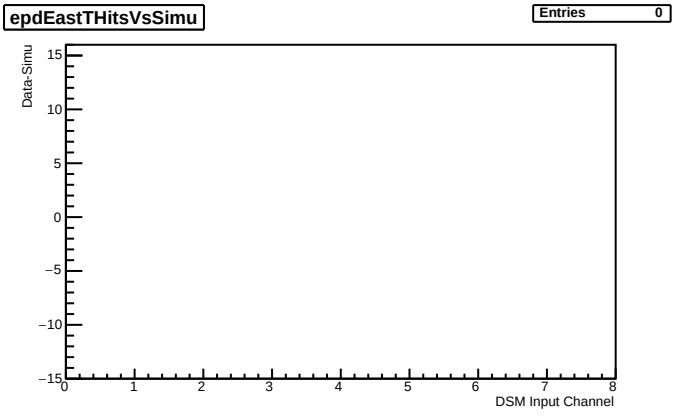

bbcSmallWestTacMax
Entries 431783


bbcSmallWestTacMaxVsSimu
Entries 365332
Data
Simu


epdEastTacMax
Entries 3454264
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3454264
Truncated NHits
DSMInput Channel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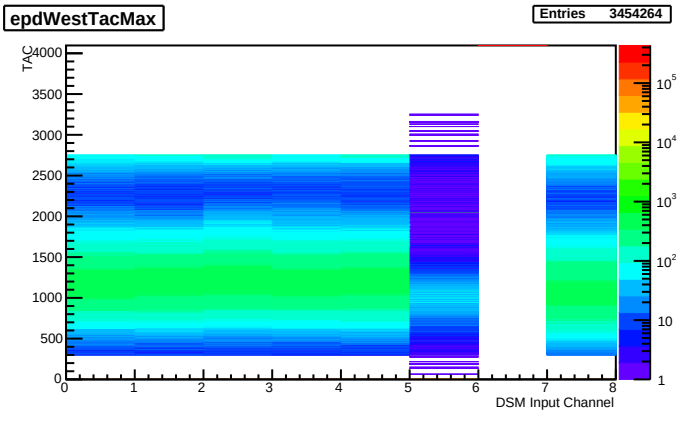
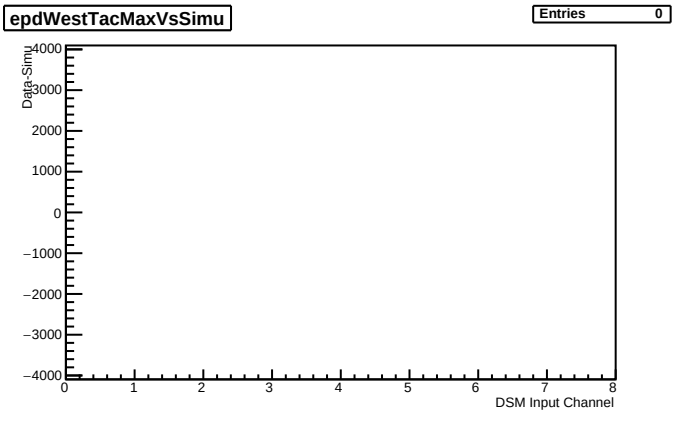
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3454264
TAC
DSM Input Channel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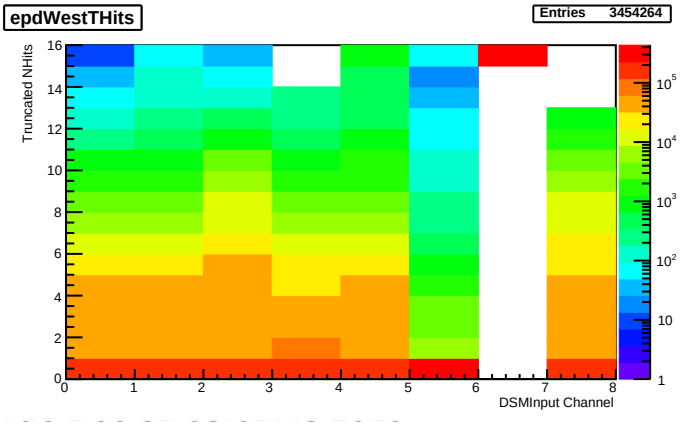
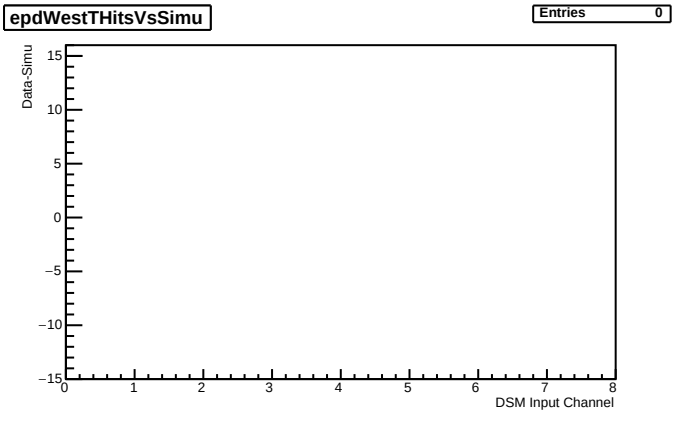
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3454264
Truncated NHits
DSMInput Channel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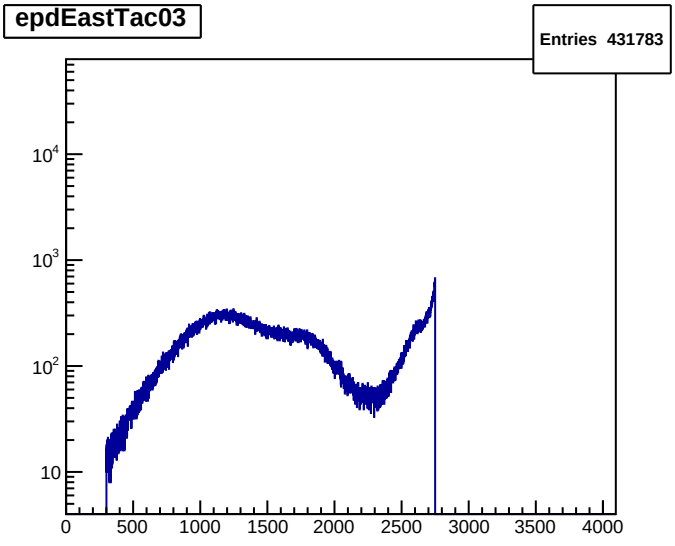
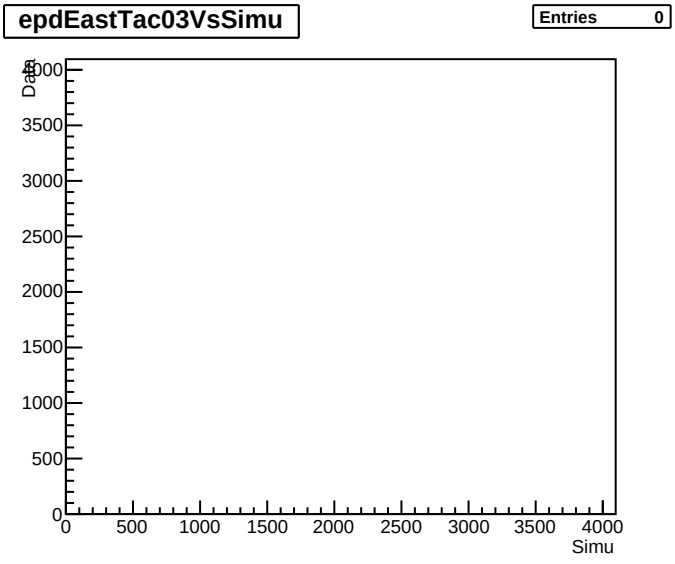
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 431783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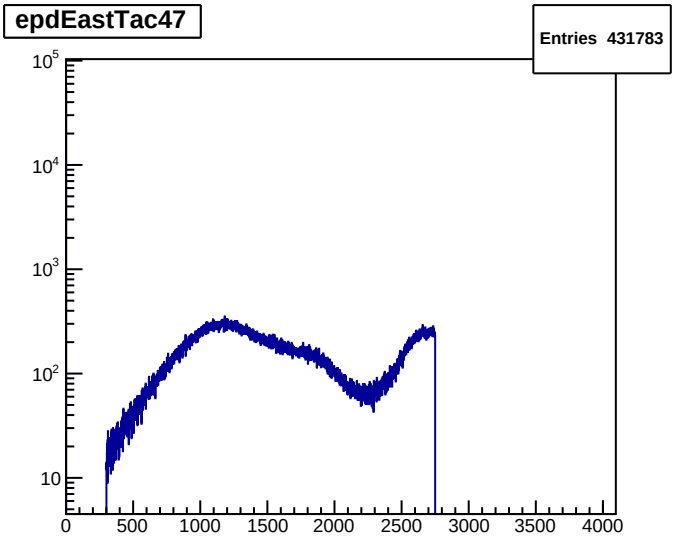
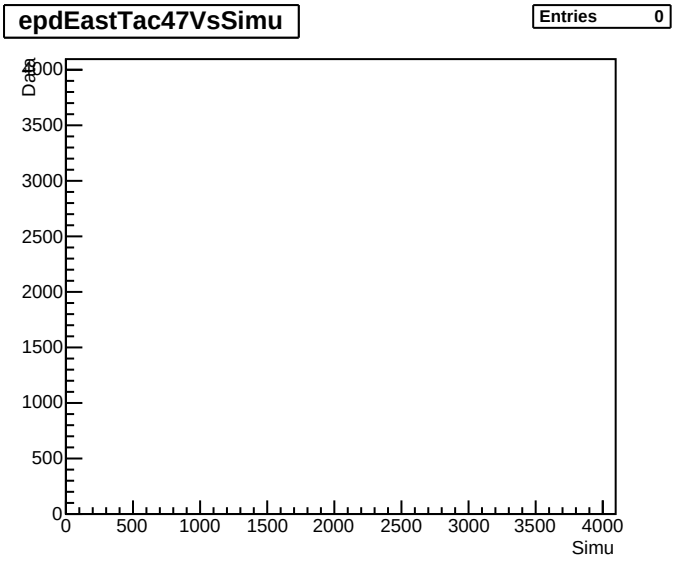
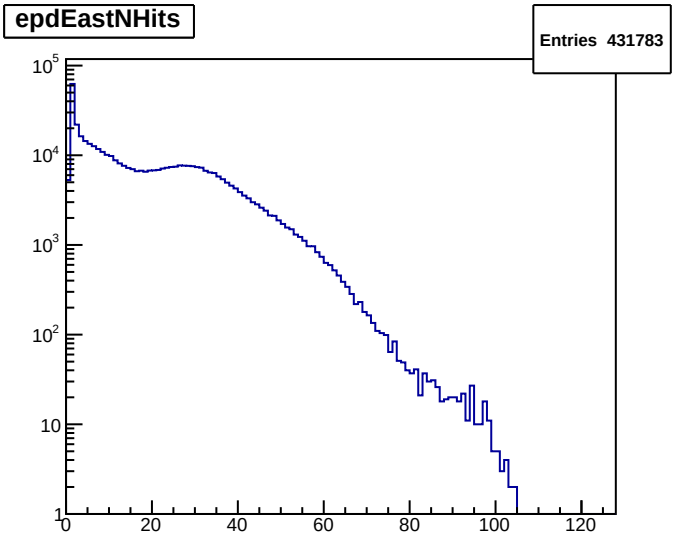
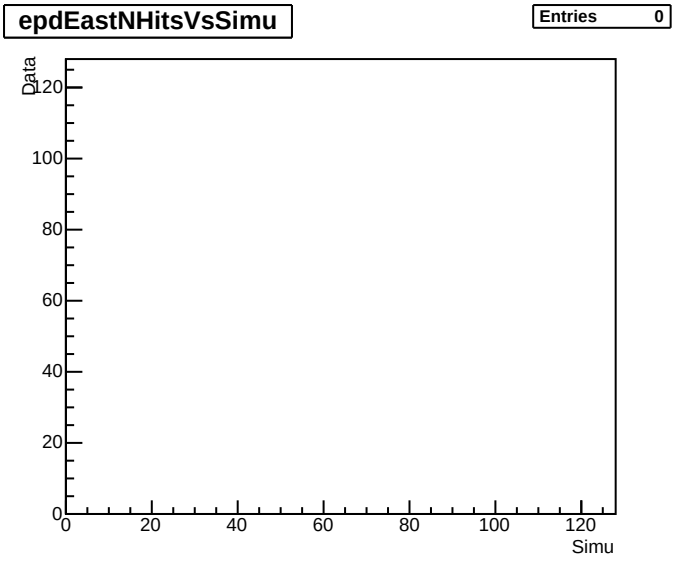
Entries 0
Data
Simu


epdEastTac47
Entries 431783


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 431783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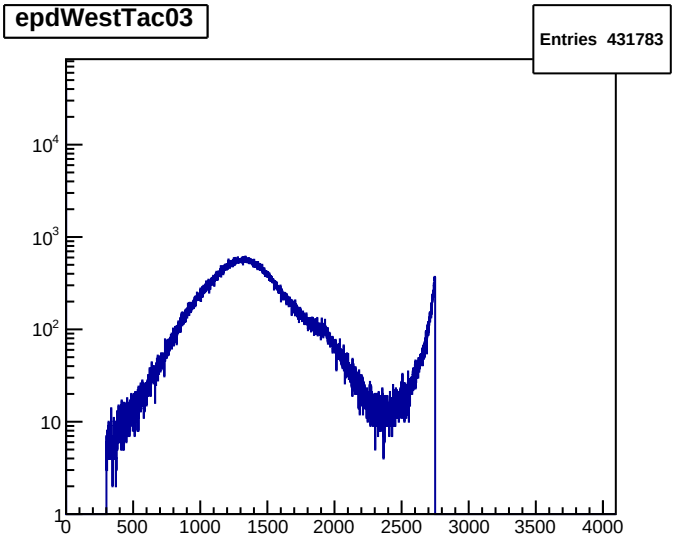
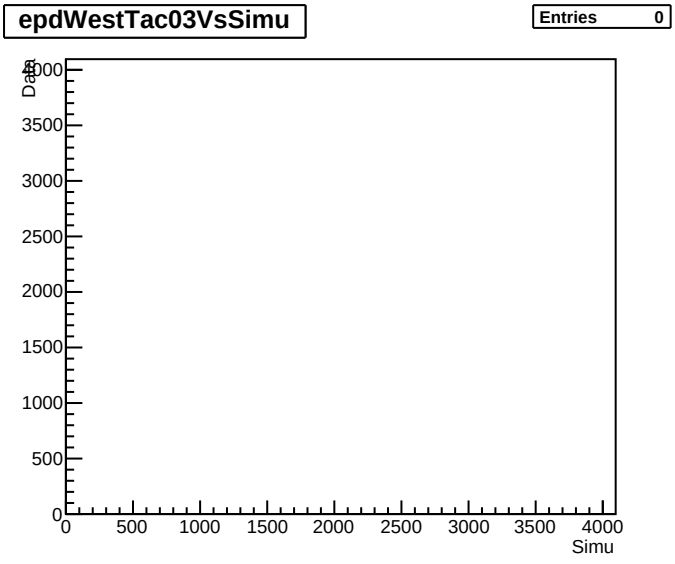
Entries 0
Data
Simu


epdWestTac03
Entries 431783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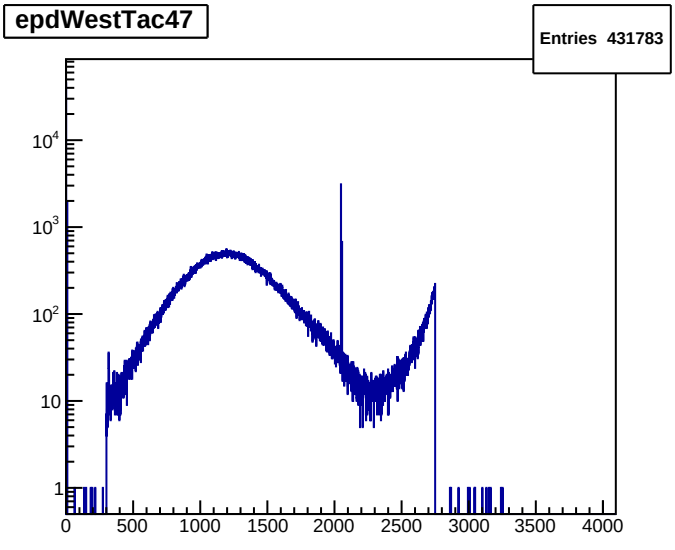
Entries 0
Data
Simu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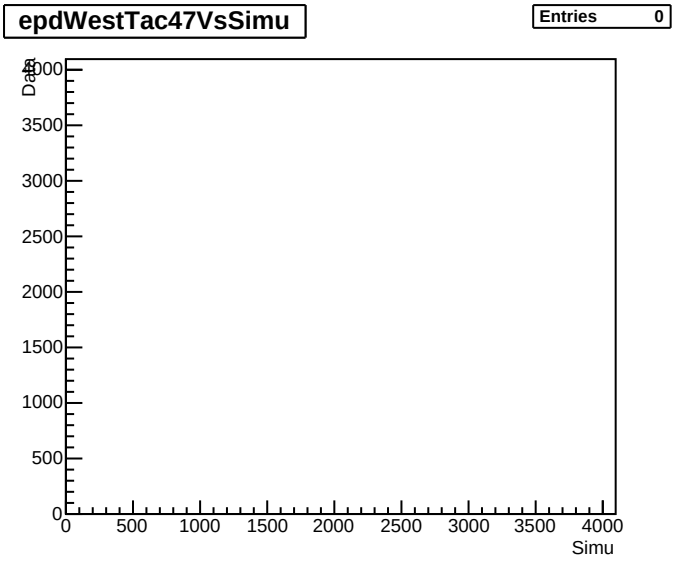
Entries 431783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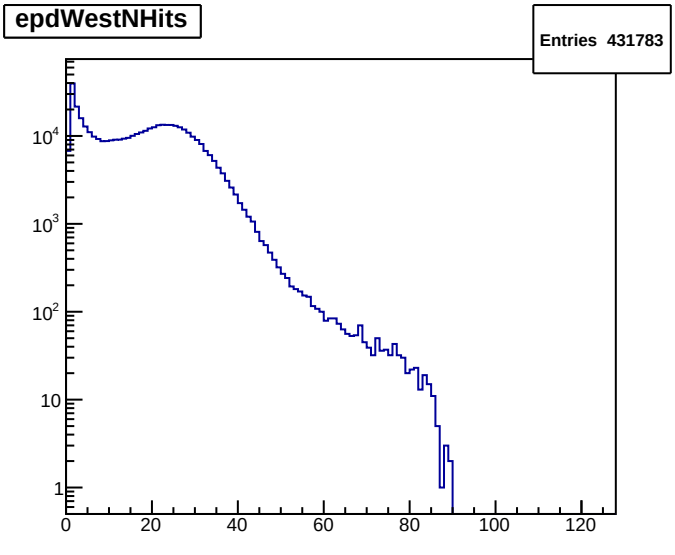
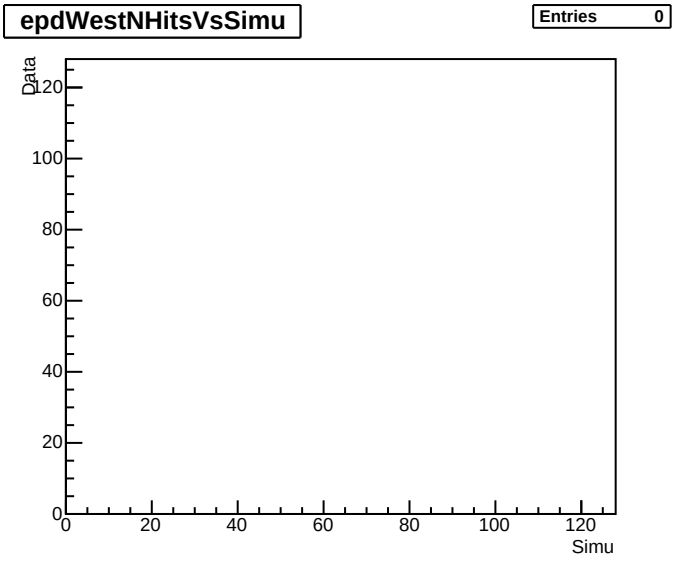
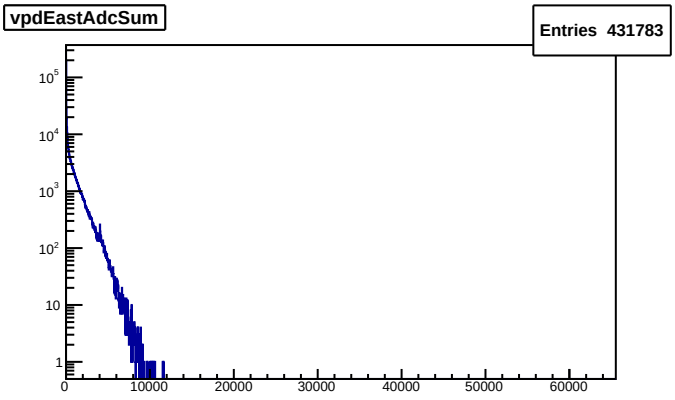
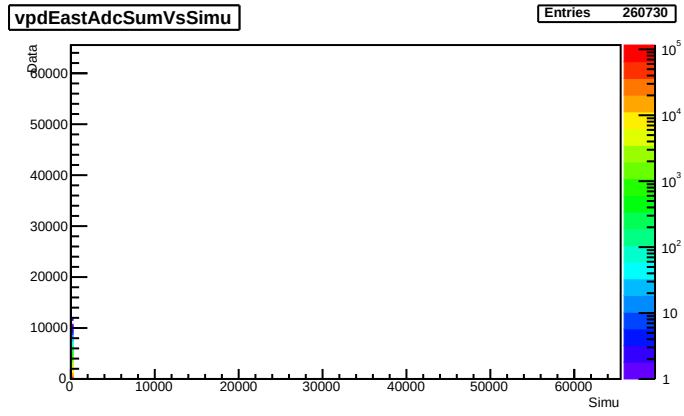
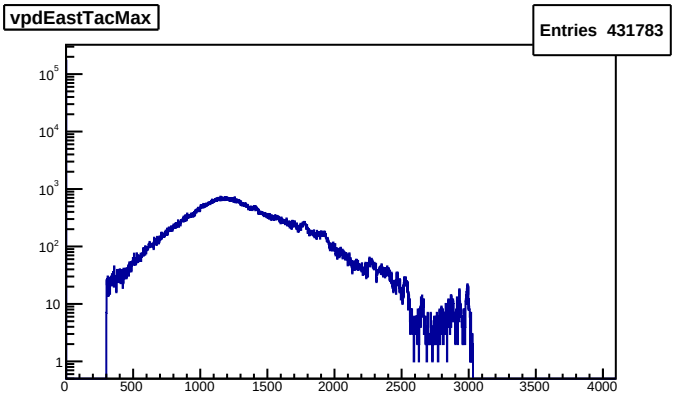
Entries 0
Data
Simu

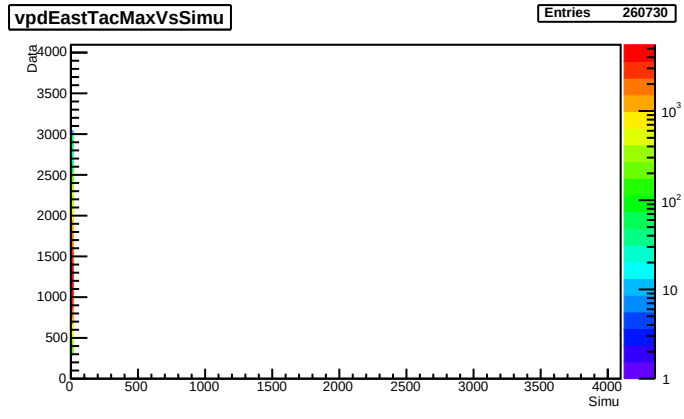

epdWestNHits
Entries 431783

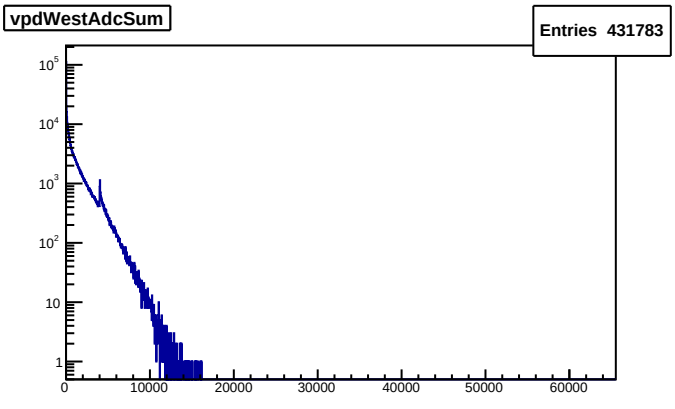

epdWestNHitsVsSimu
Entries 0
Data
Simu

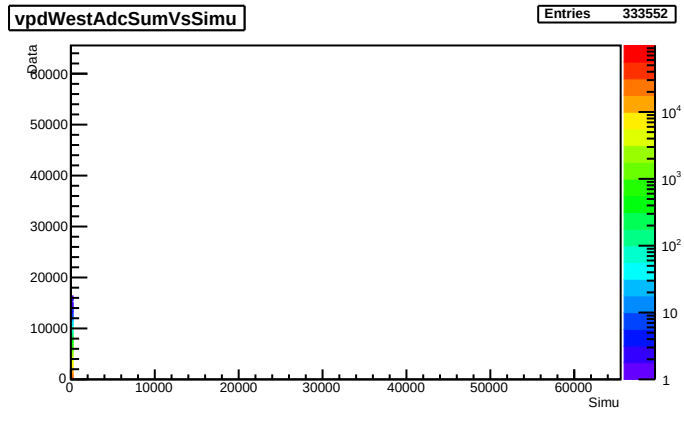

vpdEastAdcSum
Entries 431783

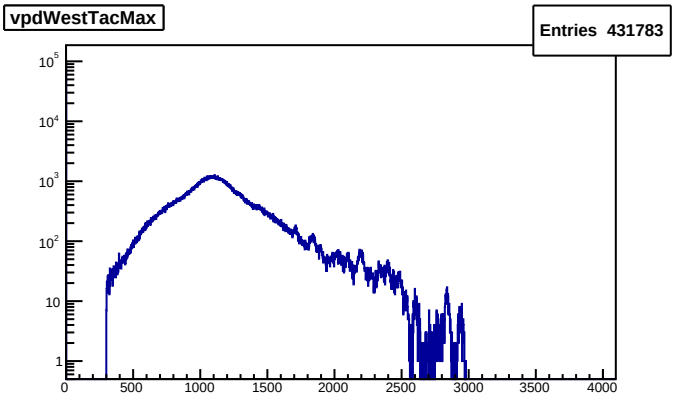

vpdEastAdcSumVsSimu
Entries 260730
Data
Simu

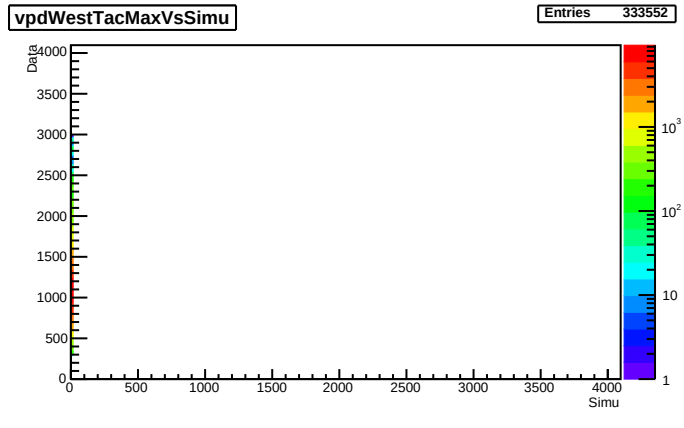

vpdEastTacMax
Entries 431783

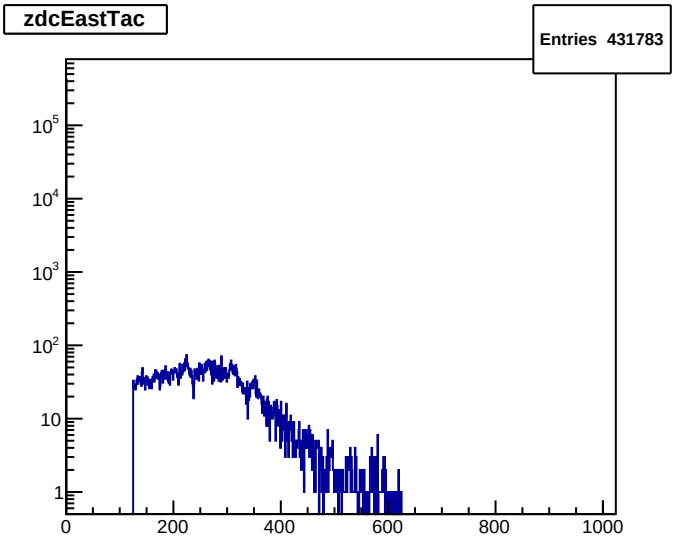

vpdEastTacMaxVsSimu
Entries 260730
Data
Simu

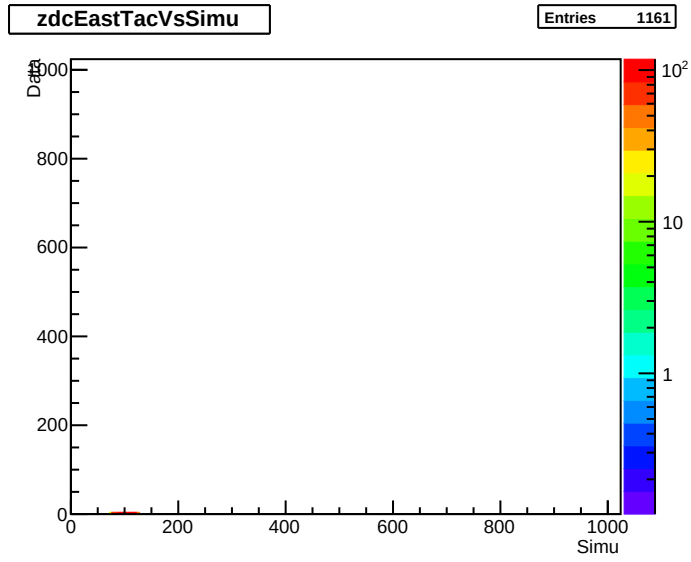

vpdWestAdcSum
Entries 431783

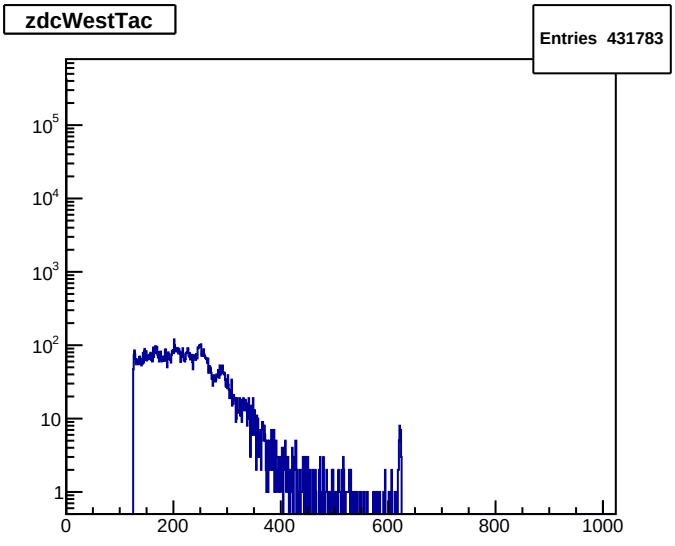

vpdWestAdcSumVsSimu
Entries 333552
Data
Simu

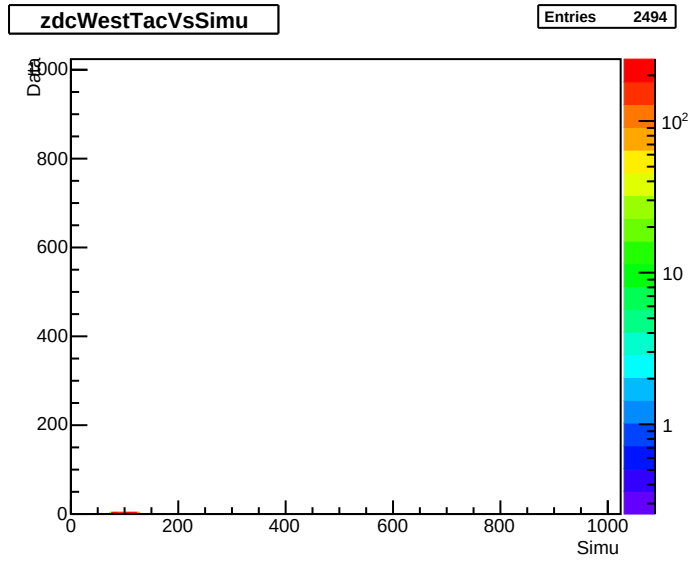

vpdWestTacMax
Entries 431783

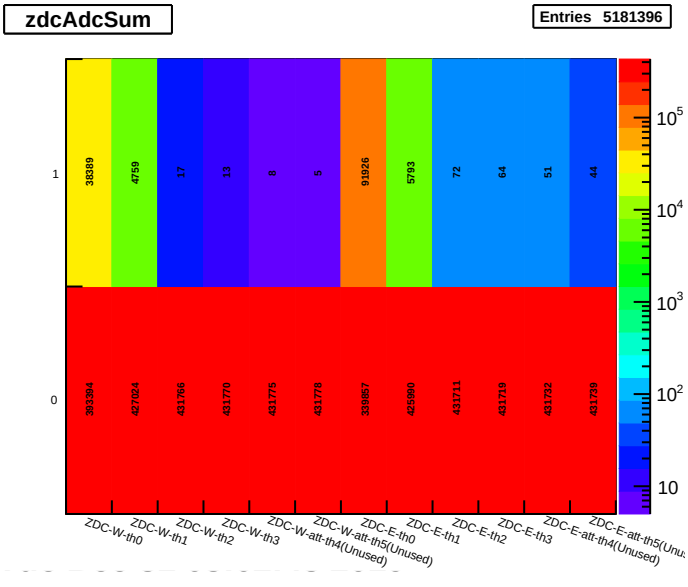

vpdWestTacMaxVsSimu
Entries 333552
Data
Simu

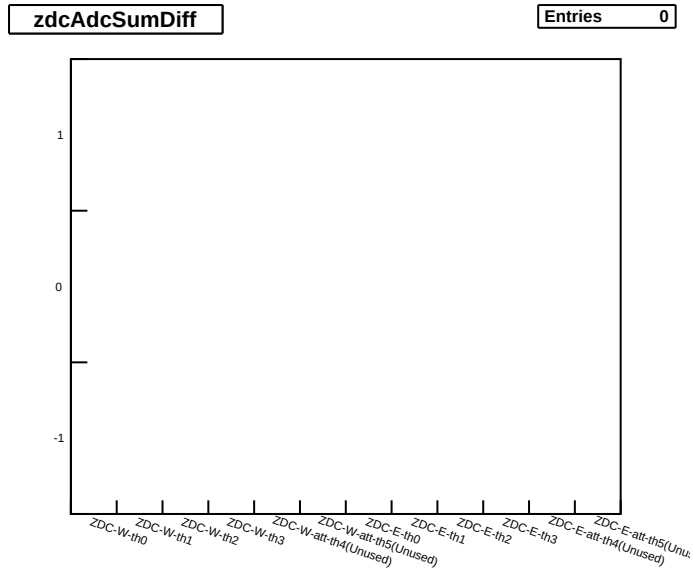

zdcEastTac
Entries 431783

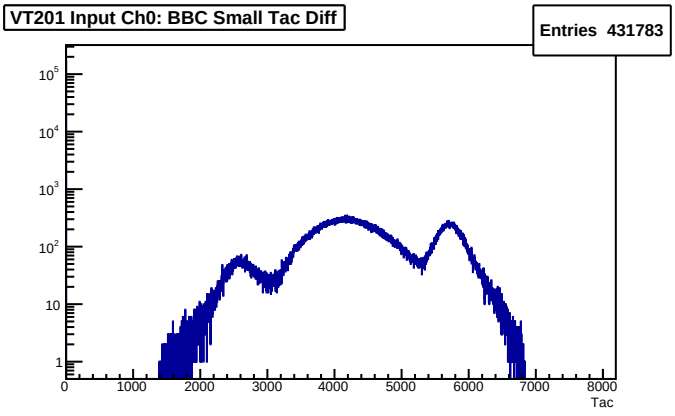

zdcEastTacVsSimu
Entries 1161
Data
Simu

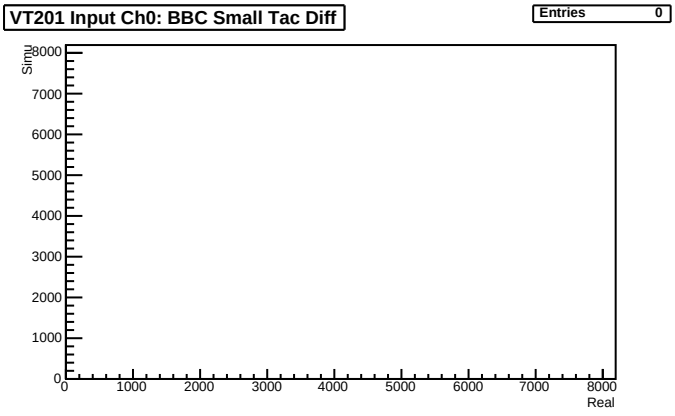

zdcWestTac
Entries 431783

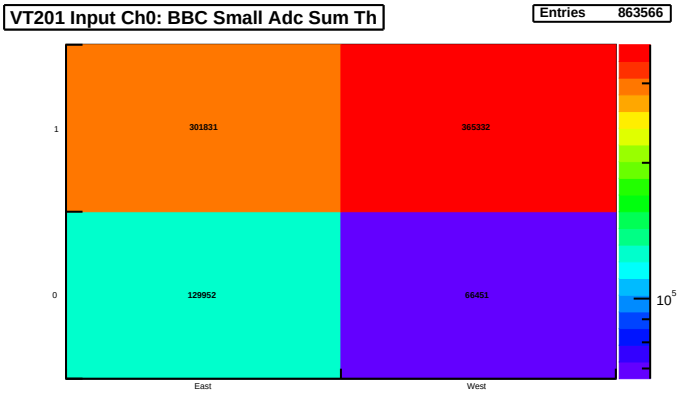

zdcWestTacVsSimu
Entries 2494
Data
Simu

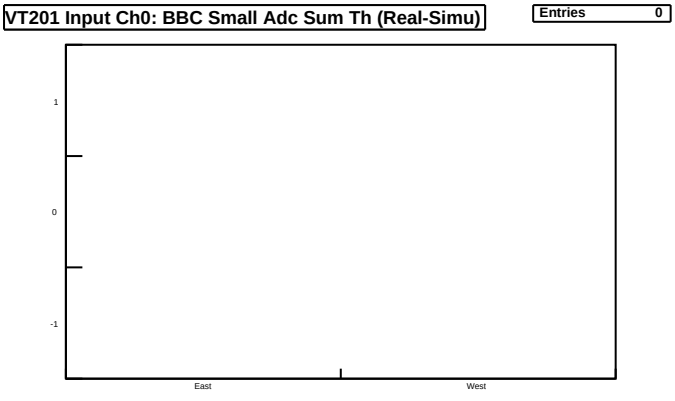

zdcAdcSum
Entries 5181396
38389
4759
17
13
8
5
91926
5793
72
64
51
44
393394
427024
431766
431770
431775
431778
339857
425980
431711
431719
431732
431739
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

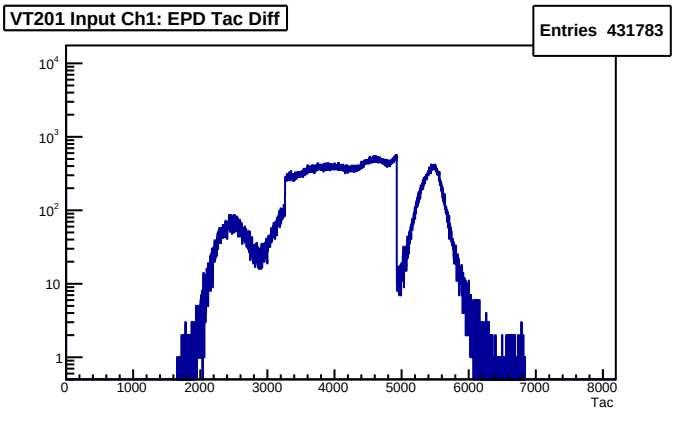

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

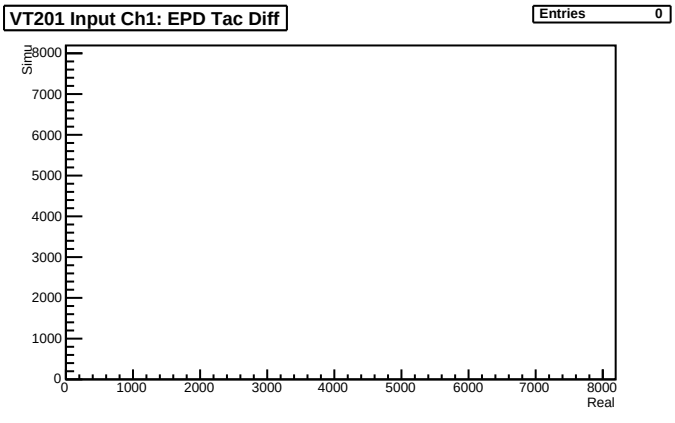

VT201 Input Ch0: BBC Small Tac Diff
Entries 431783
Tac

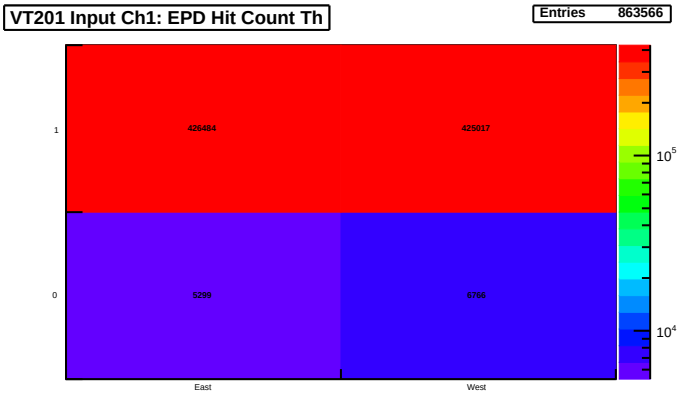

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

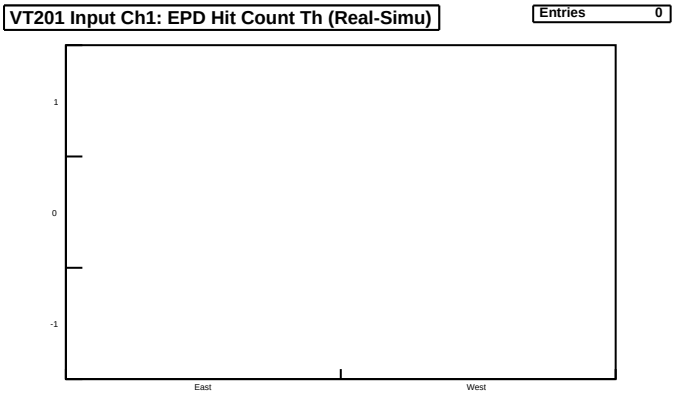

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 863566
301831
365332
129952
66451
East
West

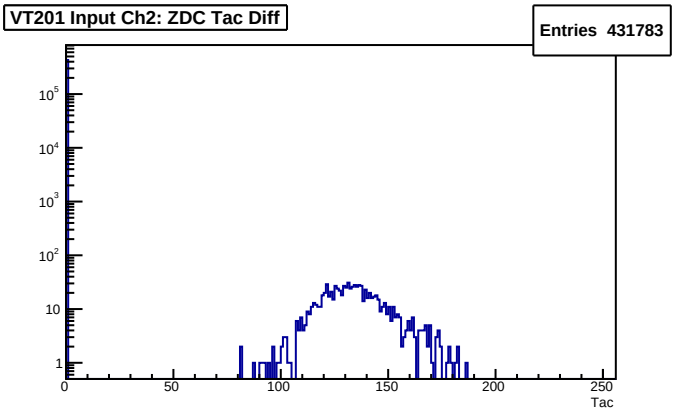

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

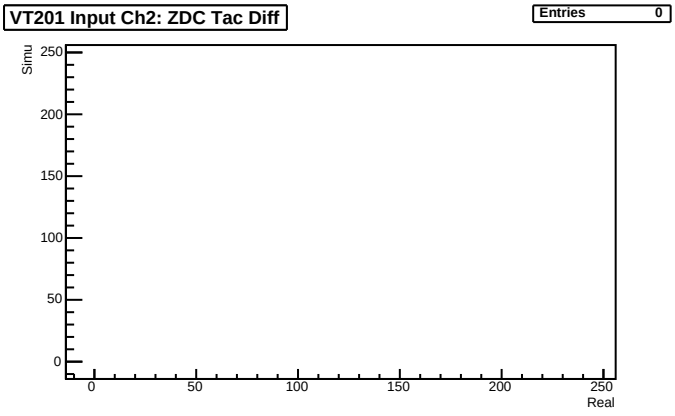

VT201 Input Ch1: EPD Tac Diff
Entries 431783
Tac

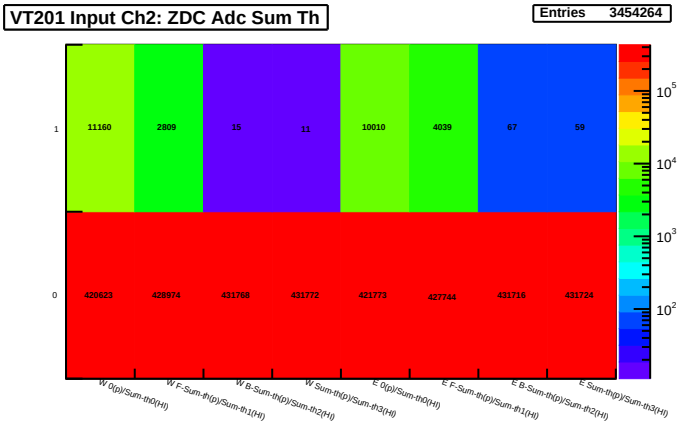

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

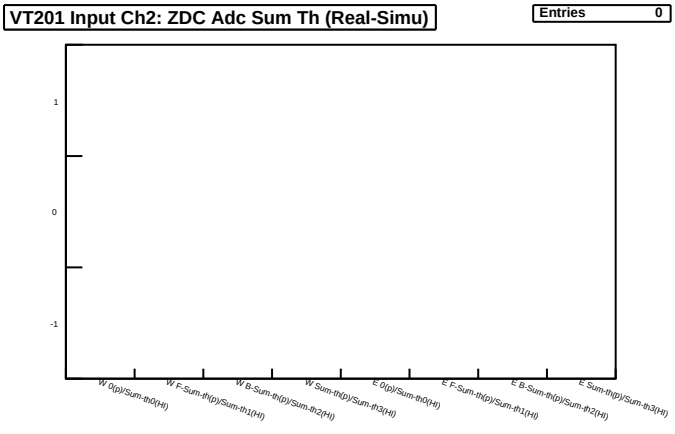

VT201 Input Ch1: EPD Hit Count Th
Entries 863566
426484
425017
5299
6766
East
West

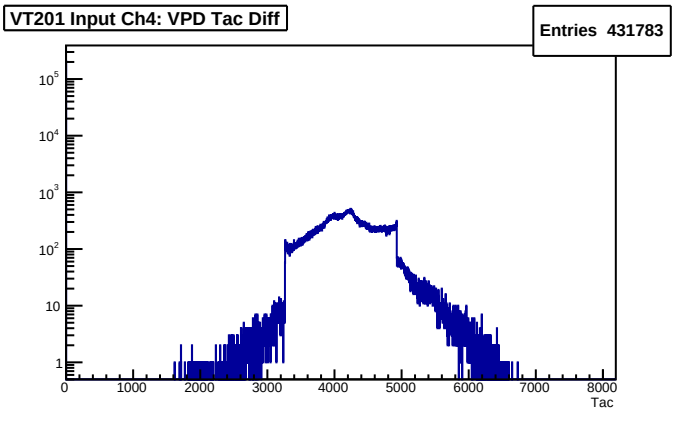

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

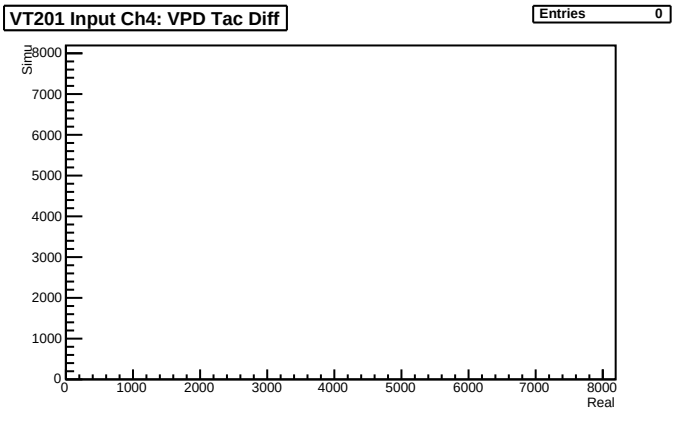

VT201 Input Ch2: ZDC Tac Diff
Entries 431783
Tac

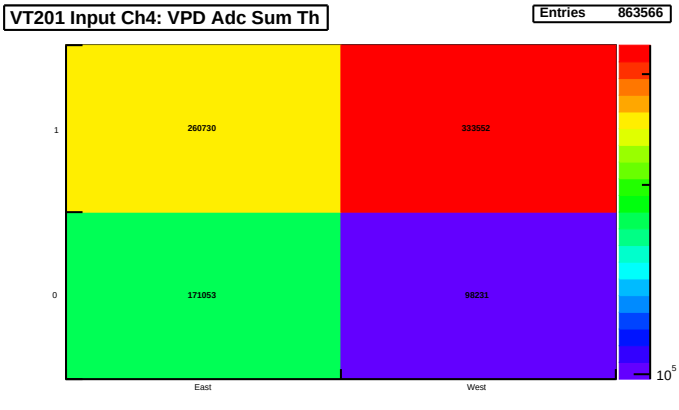

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

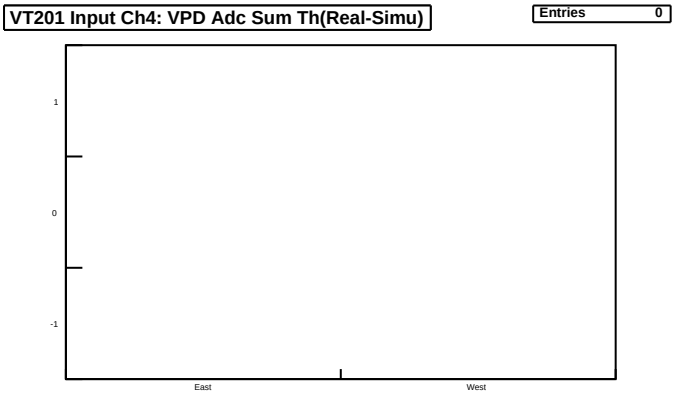

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3454264
11160
2809
15
11
10010
4039
67
59
420623
428974
431768
431772
421773
427744
431716
431724
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

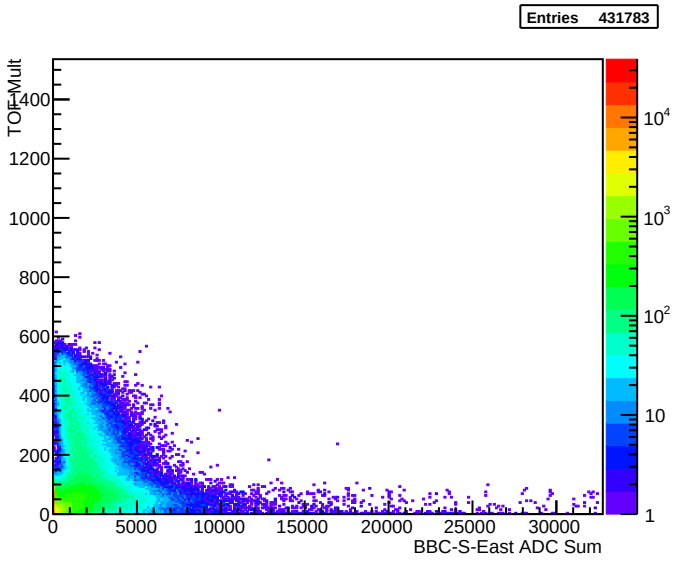

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

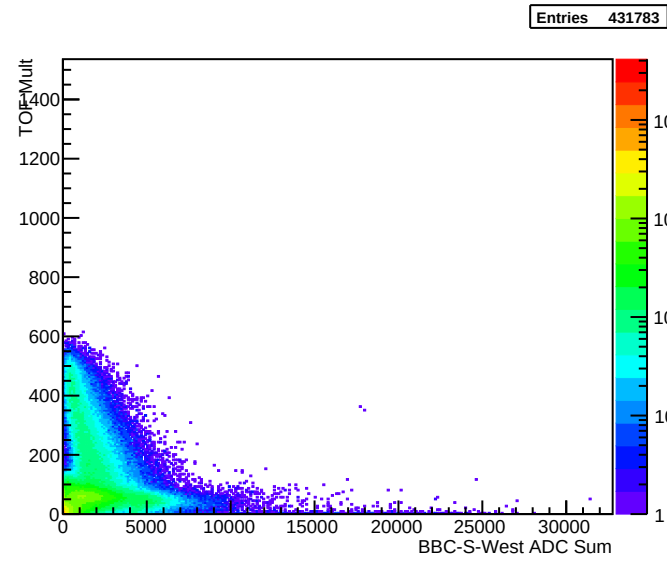

VT201 Input Ch4: VPD Tac Diff
Entries 431783
Tac

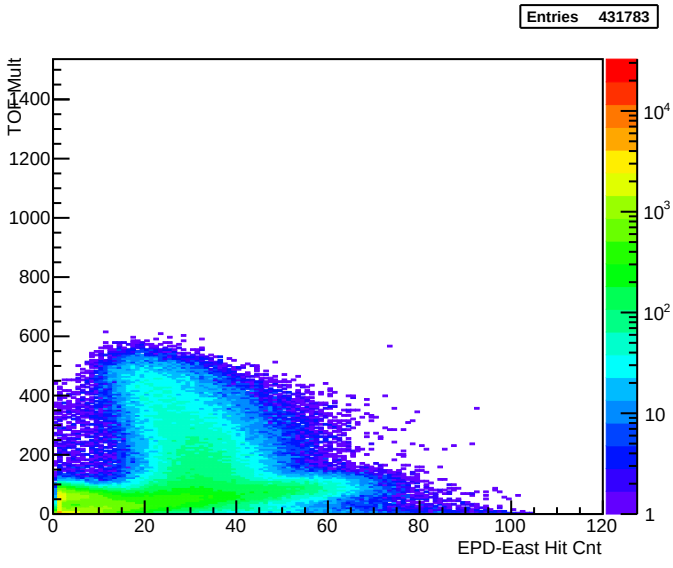

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

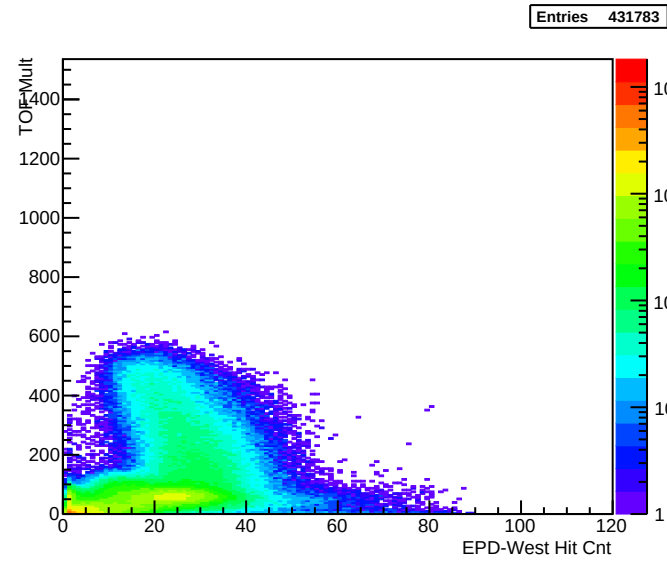

VT201 Input Ch4: VPD Adc Sum Th
Entries 863566
260730
333552
171053
98231
East
West

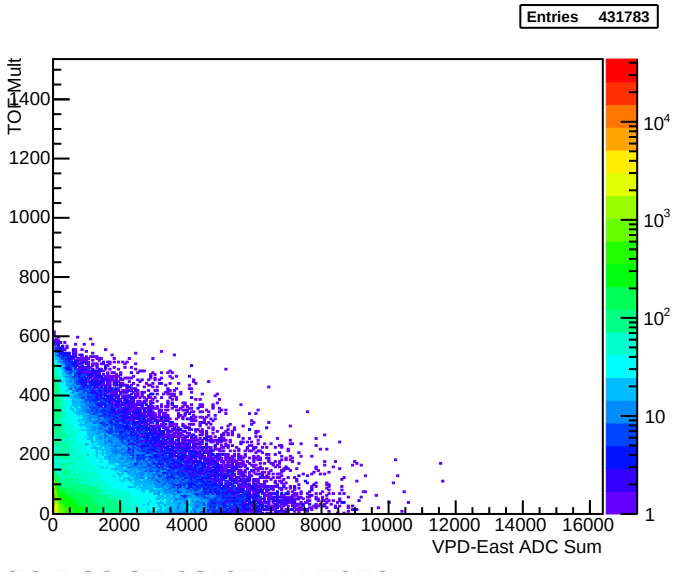

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

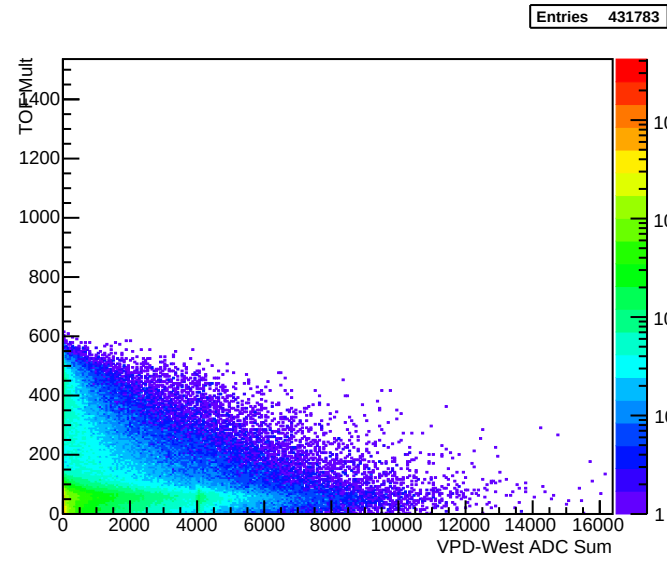

Entries 431783
TOF-Mult
BBC-S-East ADC Sum

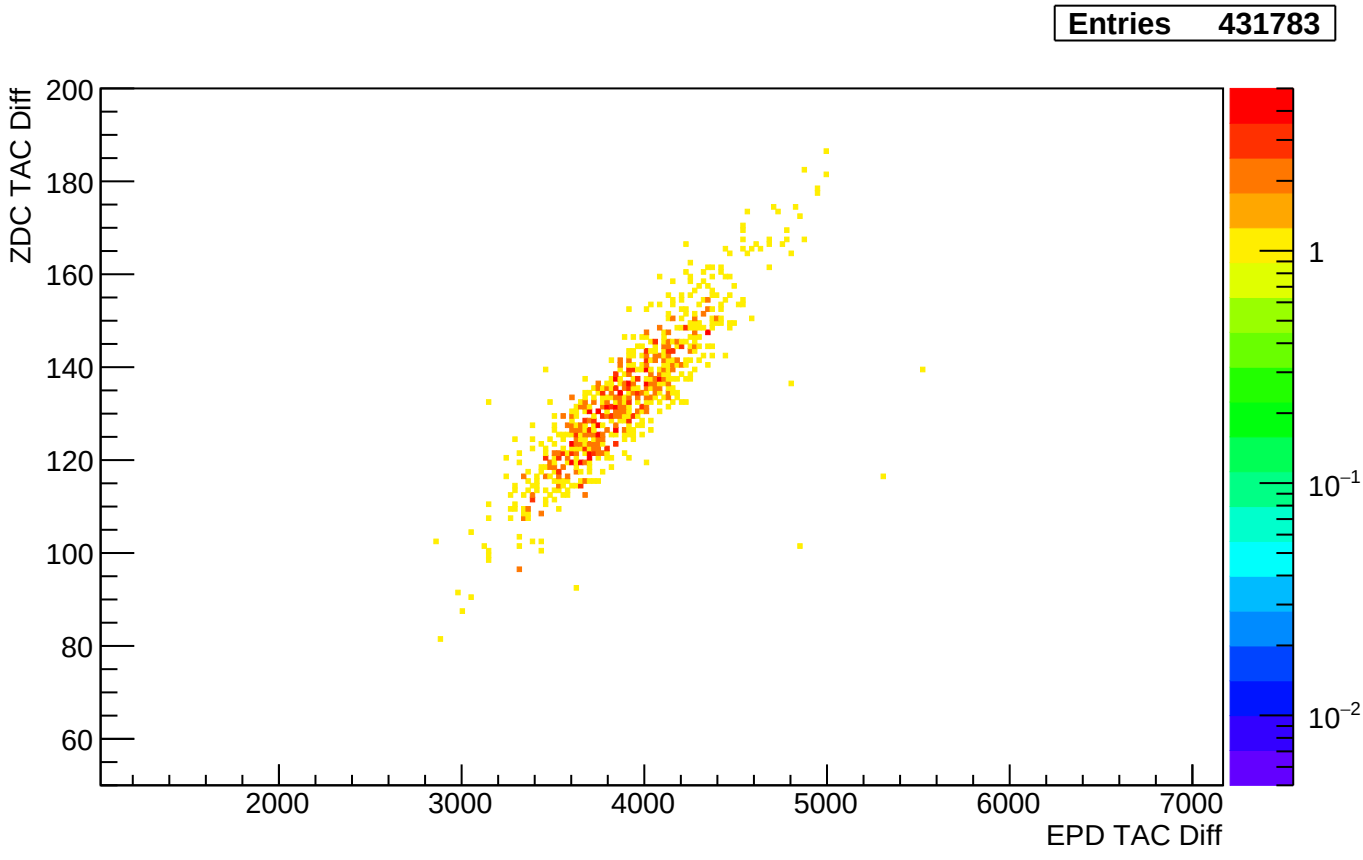

Entries 431783
TOF-Mult
BBC-S-West ADC Sum

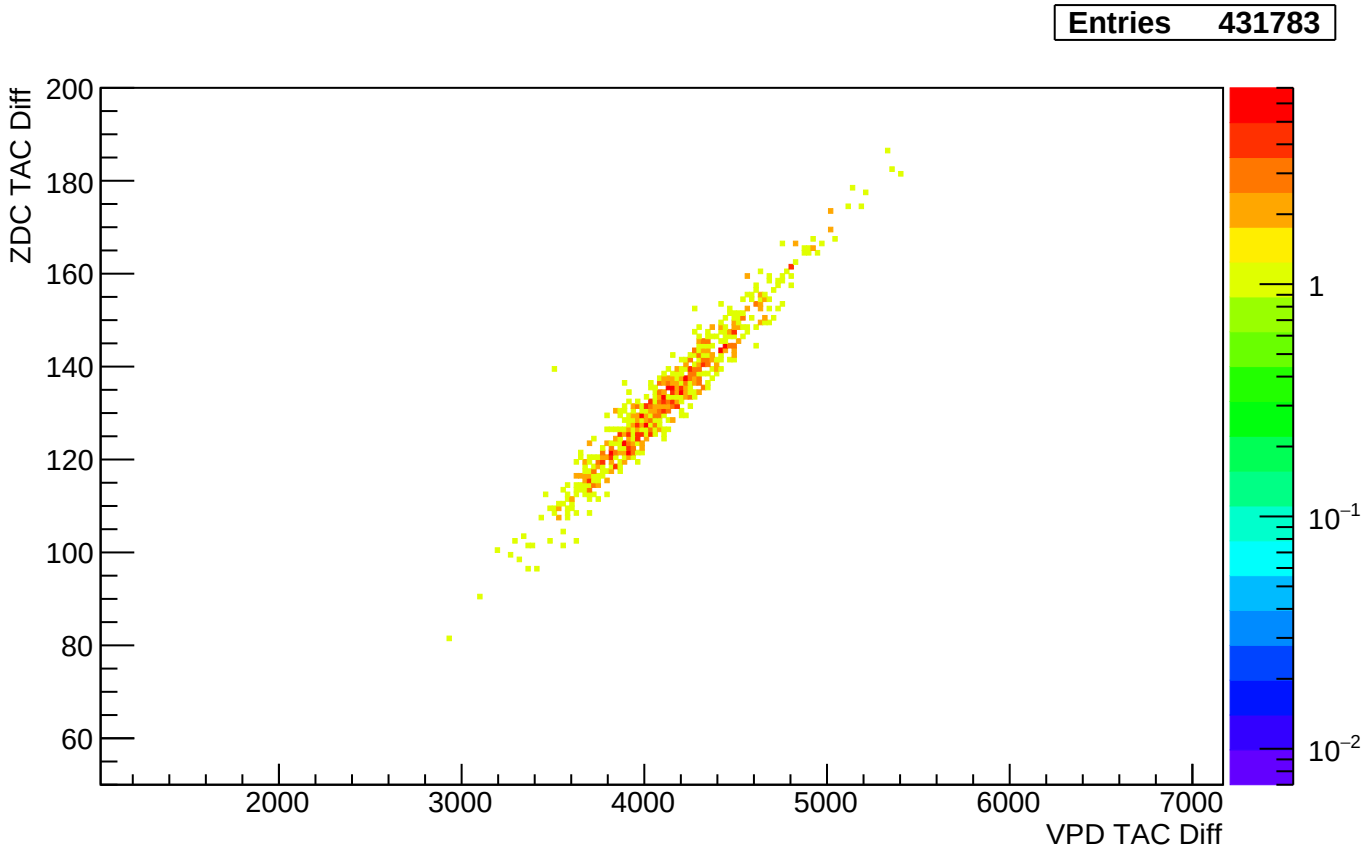

Entries 431783
TOF-Mult
EPD-East Hit Cnt

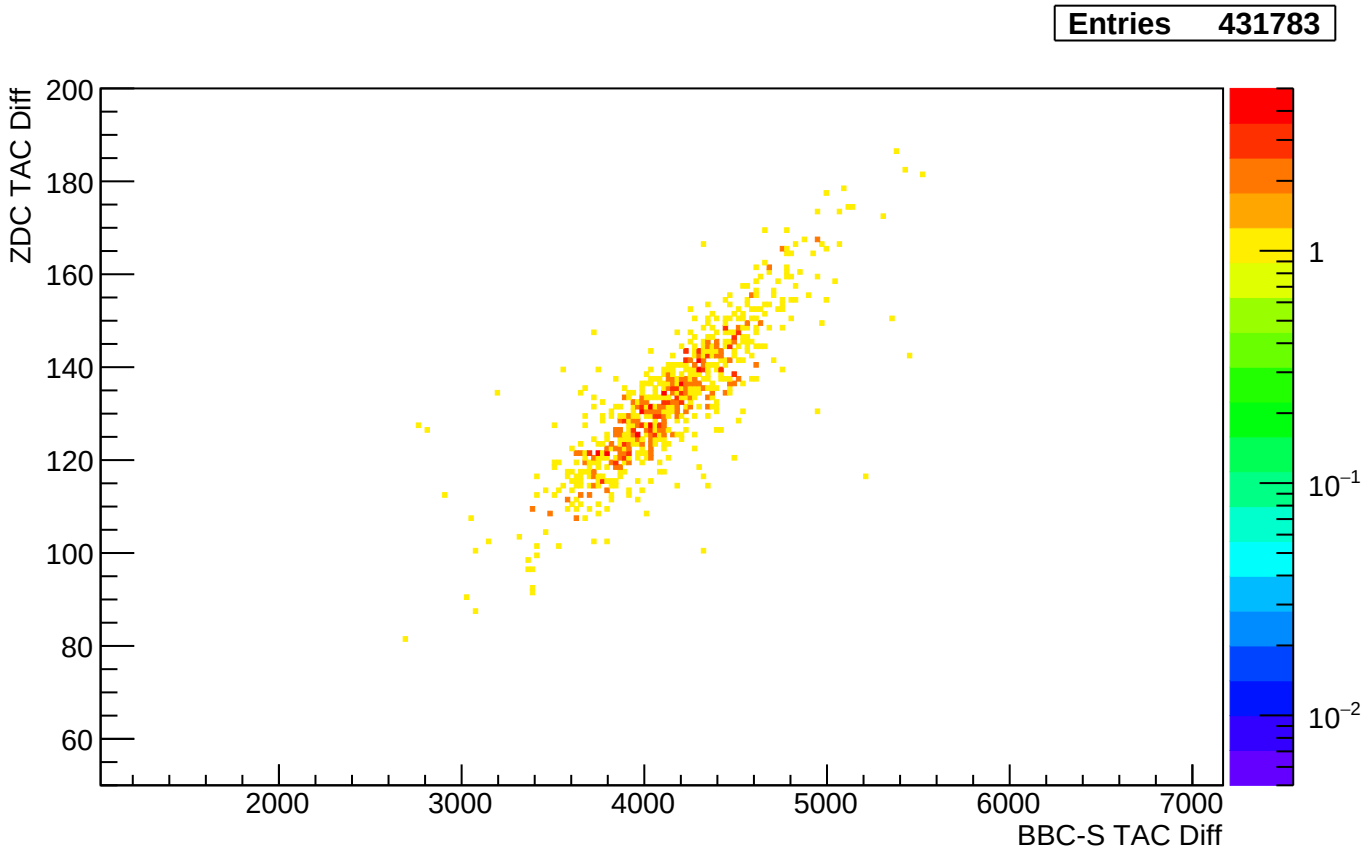

Entries 431783
TOF-Mult
EPD-West Hit Cnt

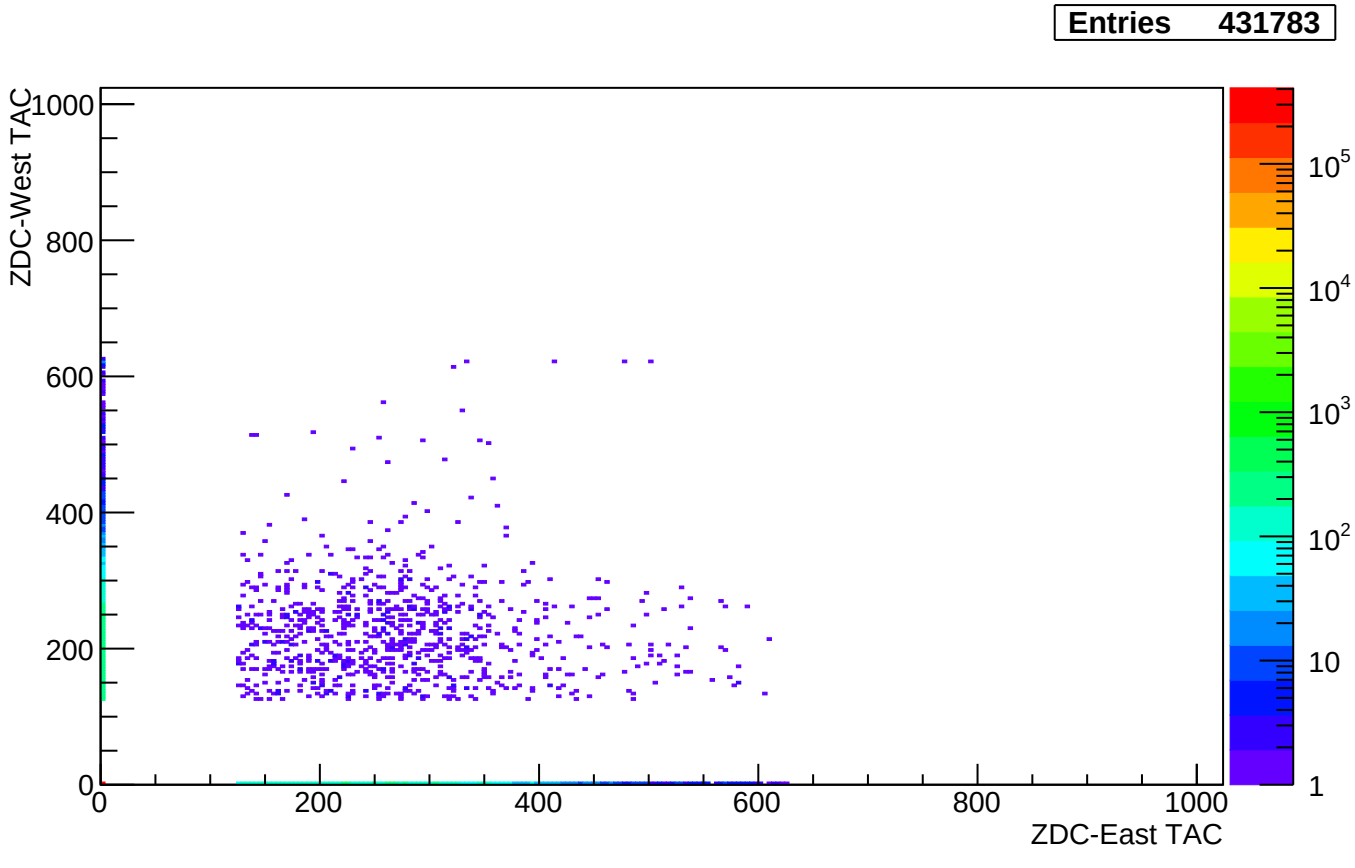

Entries 431783
TOF-Mult
VPD-East ADC Sum

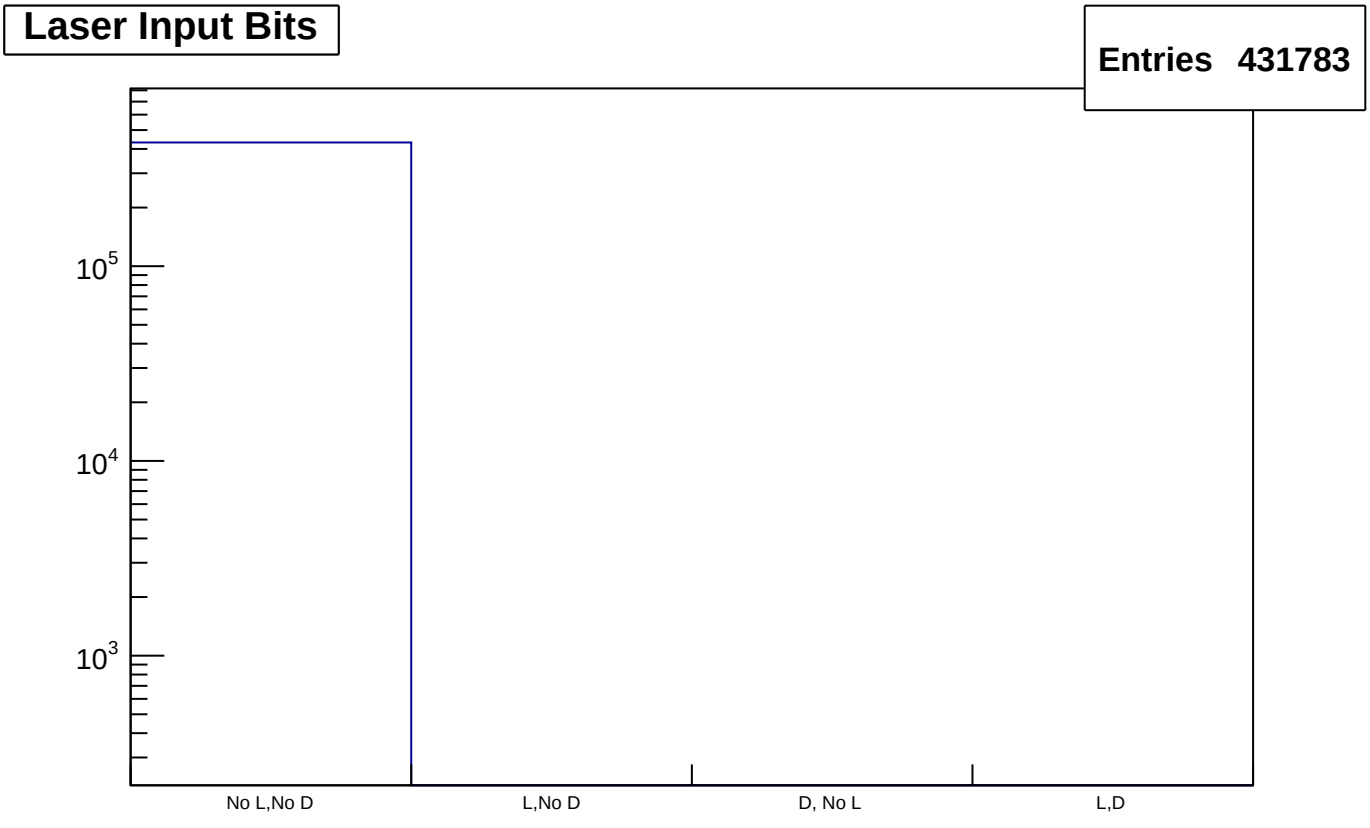

Entries 431783
TOF-Mult
VPD-West ADC Sum

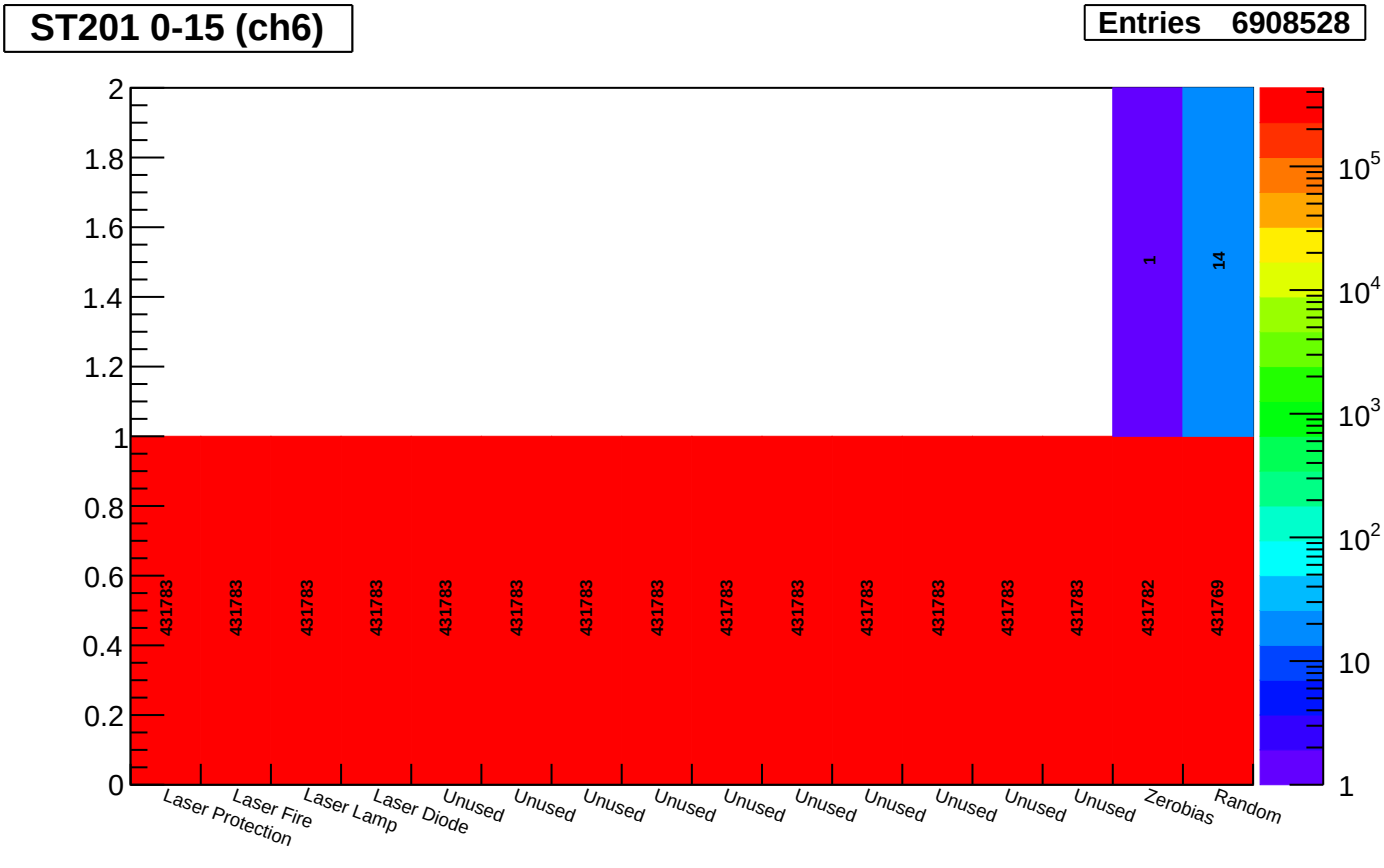

Entries 431783
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

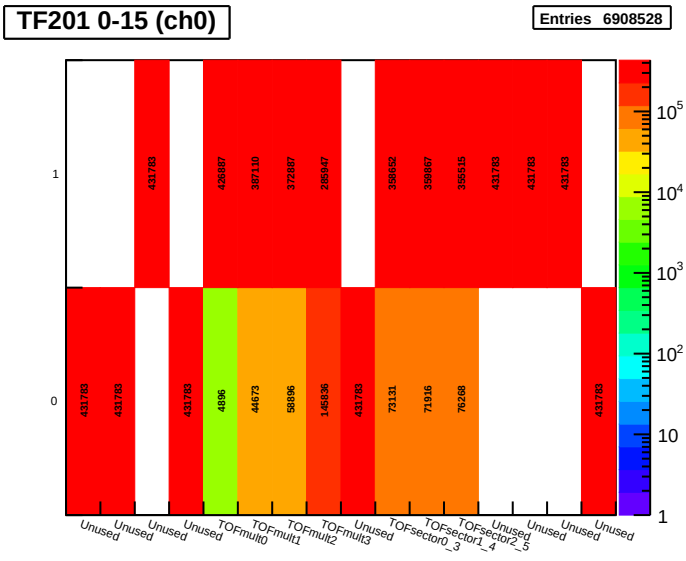

Entries 431783
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

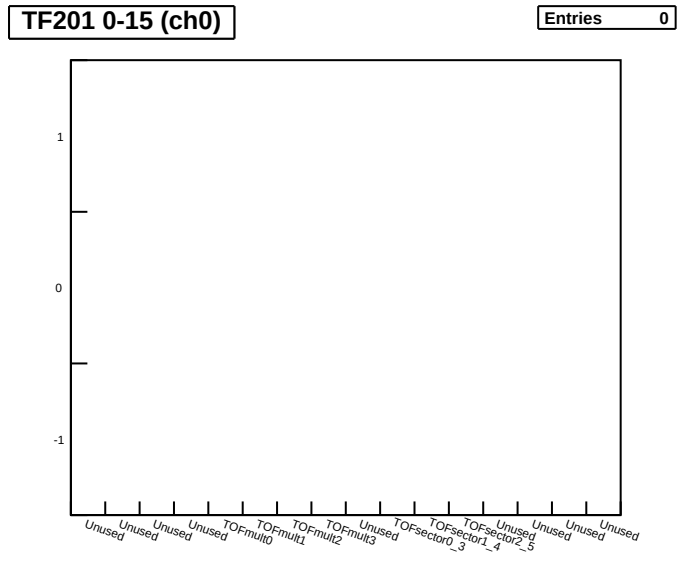

Entries 431783
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

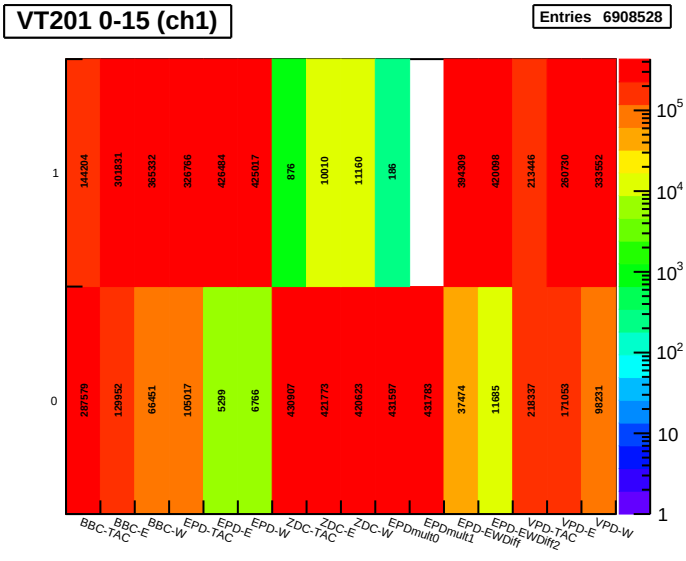

Entries 431783
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

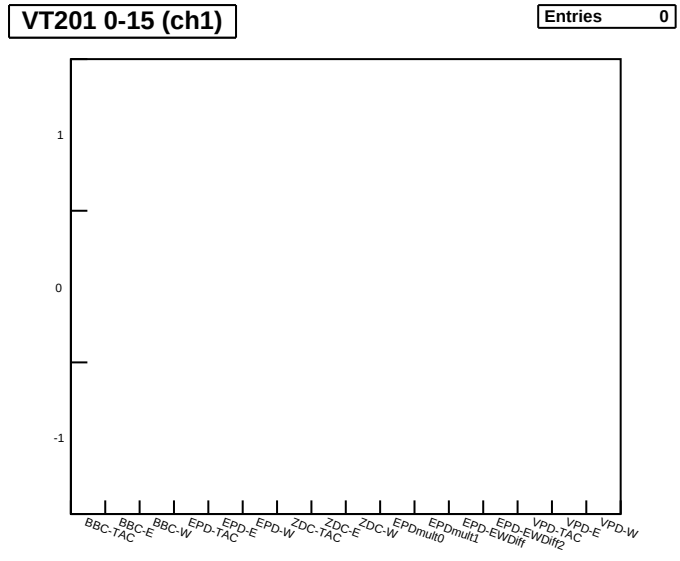

Laser Input Bits
Entries 431783
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

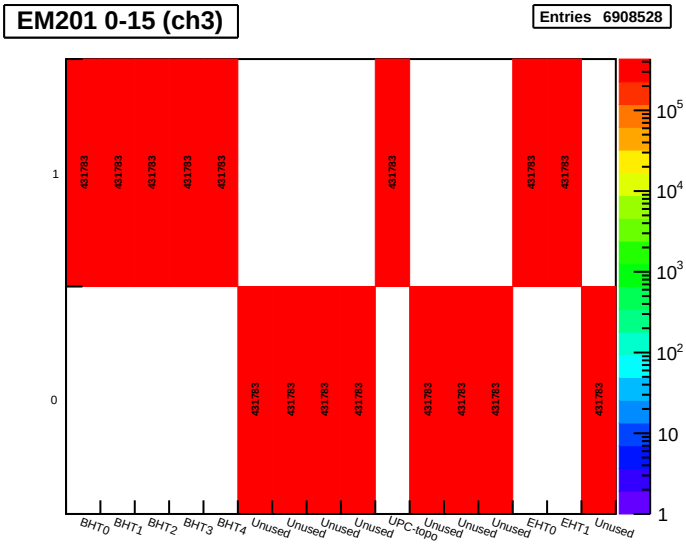

ST201 0-15 (ch6)
Entries 6908528
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
431783
431783
431783
431783
431783
431783
431783
431783
431783
431783
431783
431783
431783
431783
431782
431769
1
14
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

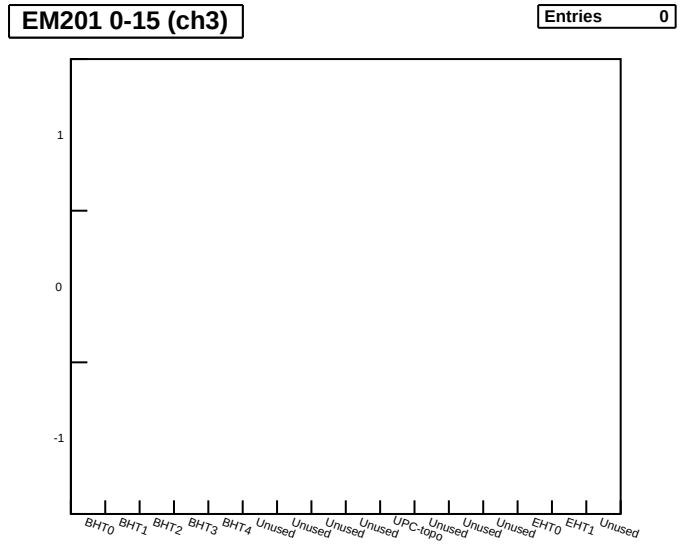

TF201 0-15 (ch0)
Entries 6908528
431783 426887 387110 372887 285947 358652 359967 355515 431783 431783 431783
431783 431783 431783 4896 44673 58896 145836 431783 73131 71916 76268 431783
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


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


VT201 0-15 (ch1)
Entries 6908528
144294 301831 365332 326766 426484 425017 876 10010 11160 186 394309 420098 213446 260730 333552
287579 129952 66451 105017 5299 6766 430907 421773 420623 431597 431783 37474 11685 218337 171053 98231
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


VT201 0-15 (ch1)
Entries 0
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 6908528
431783 431783 431783 431783 431783 431783 431783 431783
431783 431783 431783 431783 431783 431783 431783 431783
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused


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