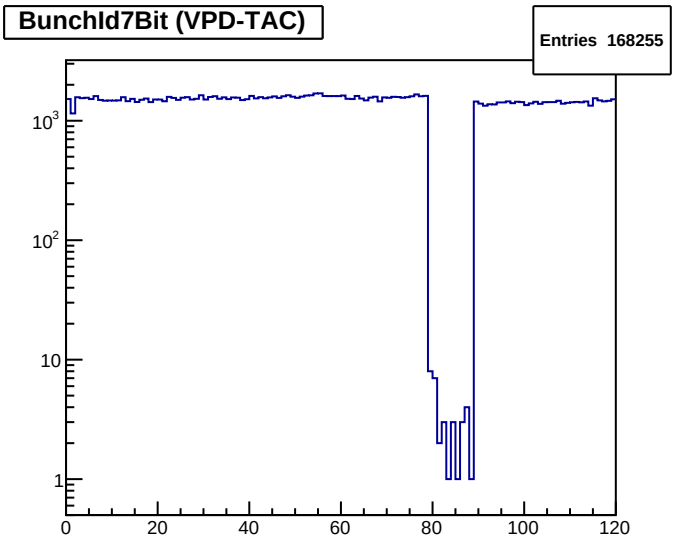
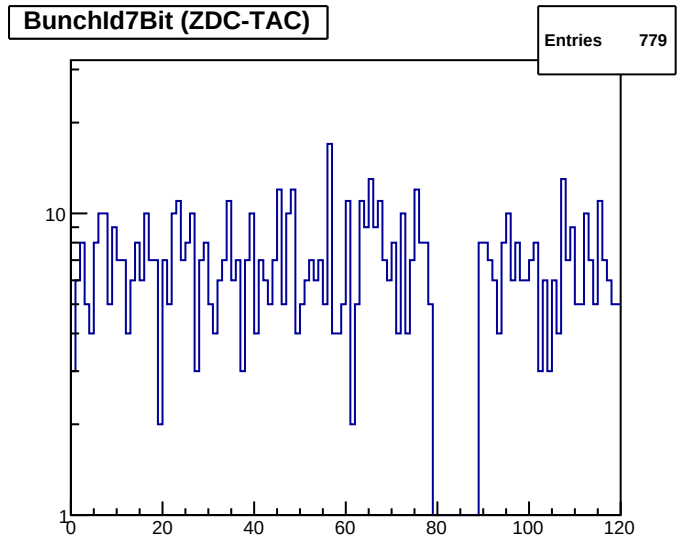
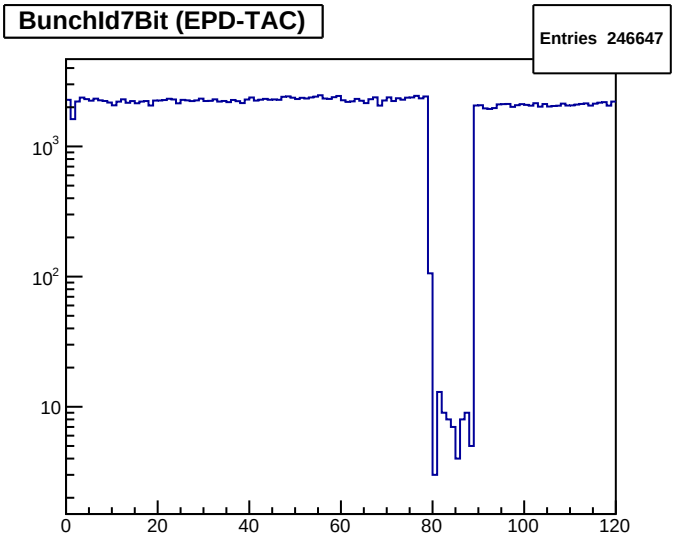
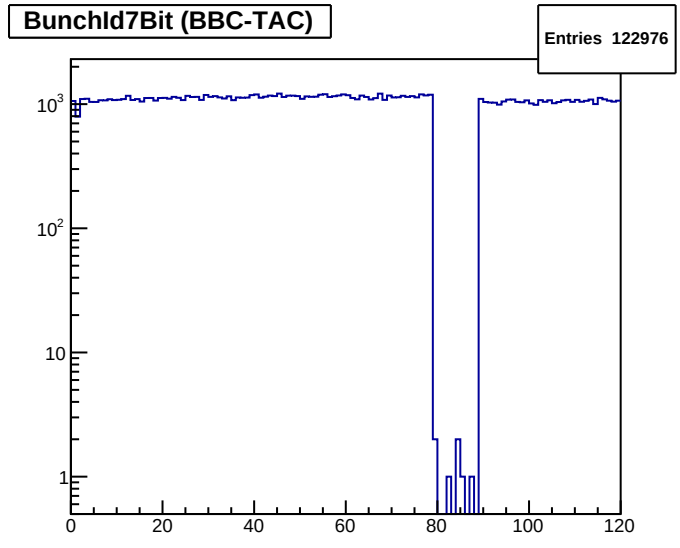
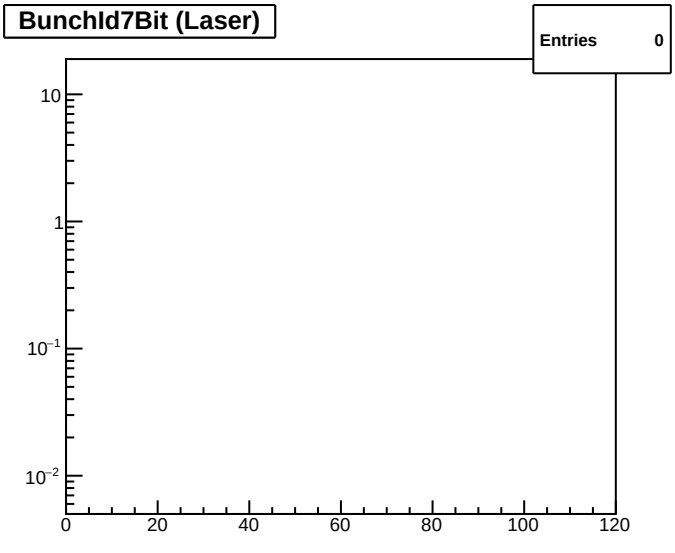
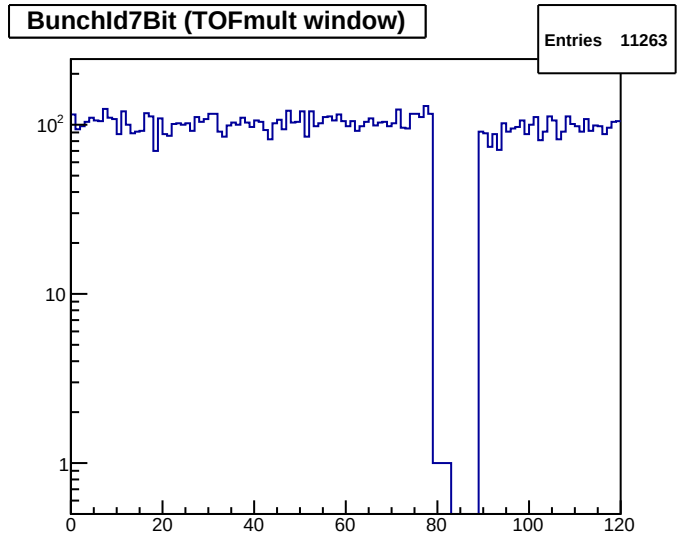

BunchId7Bit (VPD-TAC)
Entries 168255

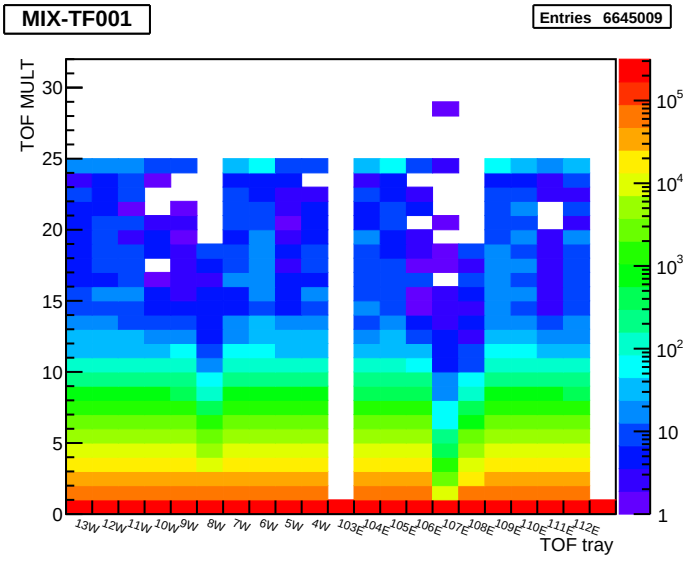

BunchId7Bit (ZDC-TAC)
Entries 779

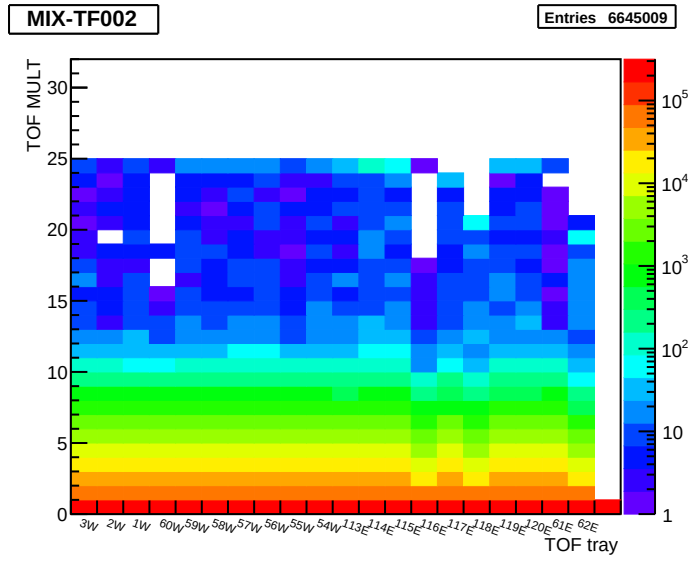

BunchId7Bit (EPD-TAC)
Entries 246647

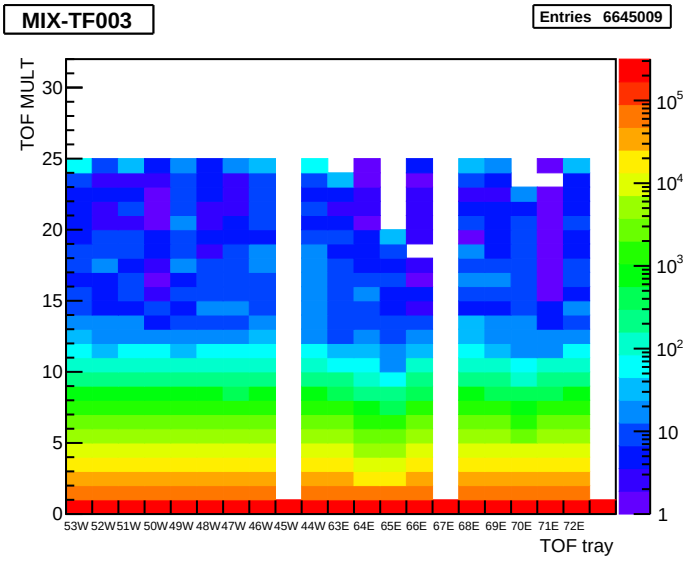

BunchId7Bit (BBC-TAC)
Entries 122976

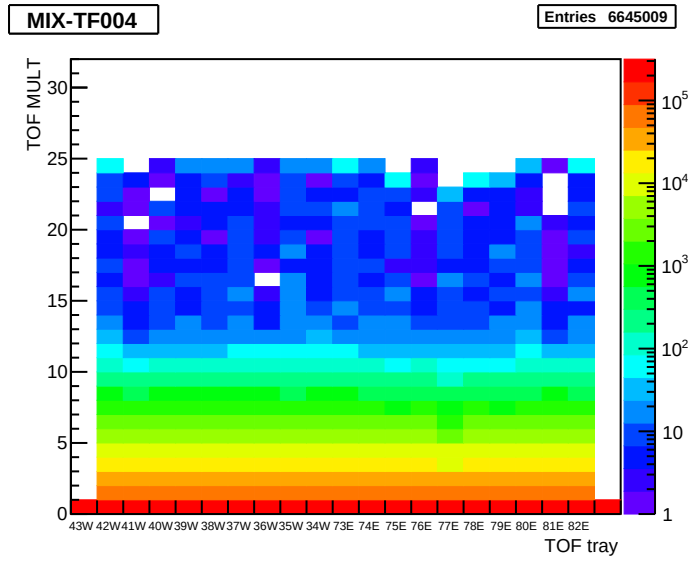

BunchId7Bit (Laser)
Entries 0

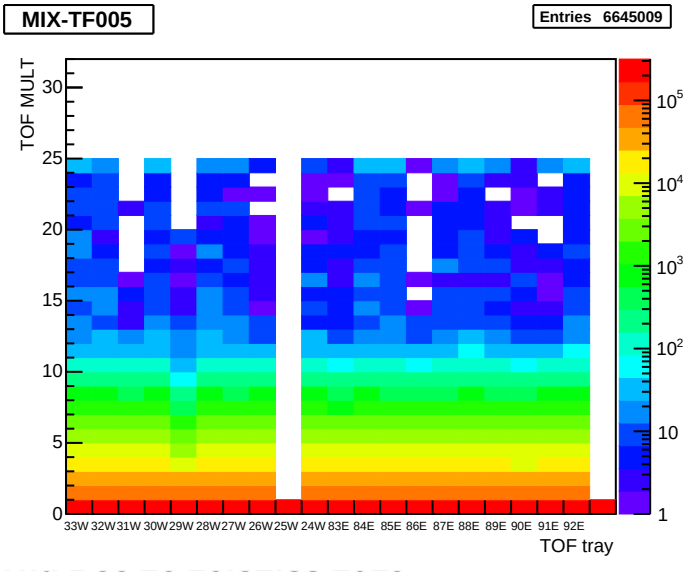

BunchId7Bit (TOFmult window)
Entries 11263

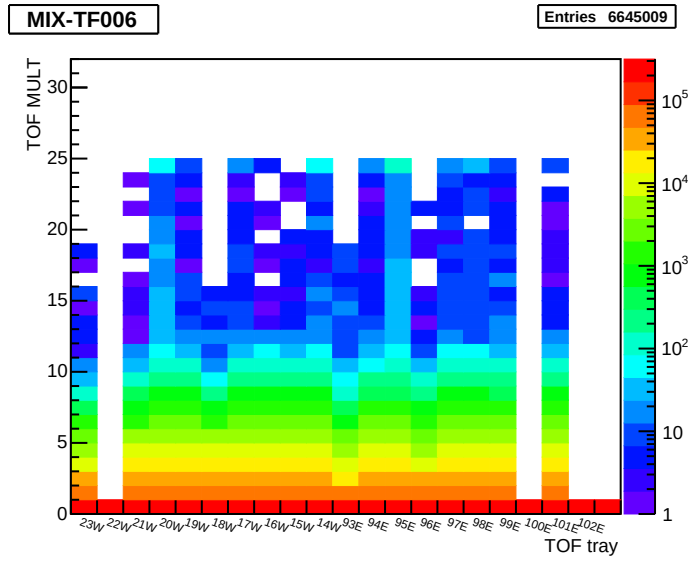

MIX-TF001
Entries 6645009
TOF MULT
TOF tray

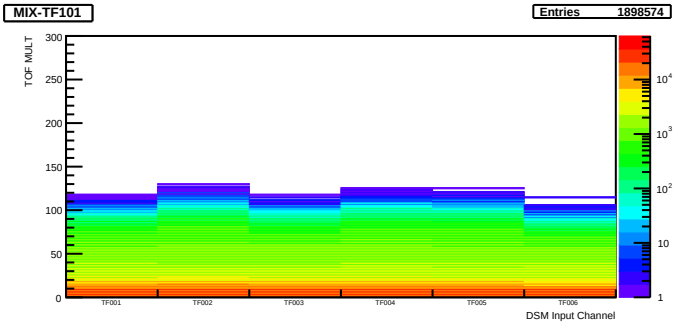

MIX-TF002
Entries 6645009
TOF MULT
TOF tray

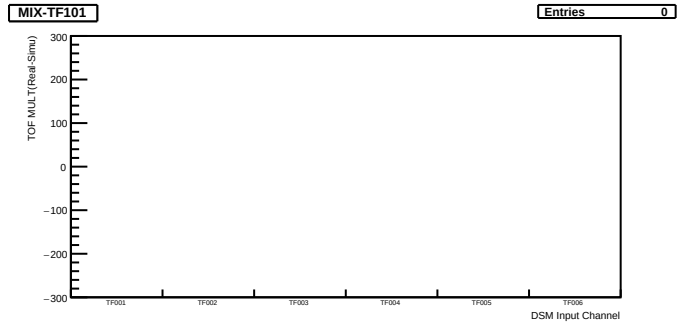

MIX-TF003
Entries 6645009
TOF MULT
TOF tray

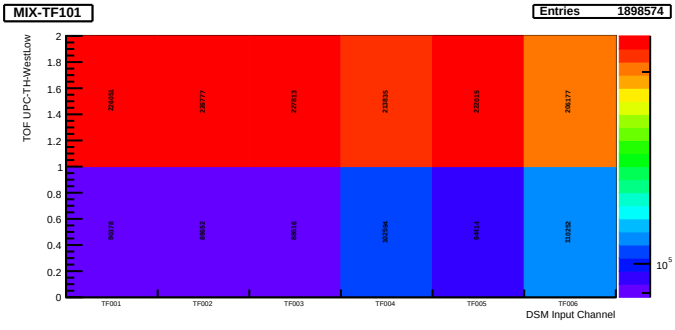

MIX-TF004
Entries 6645009
TOF MULT
TOF tray

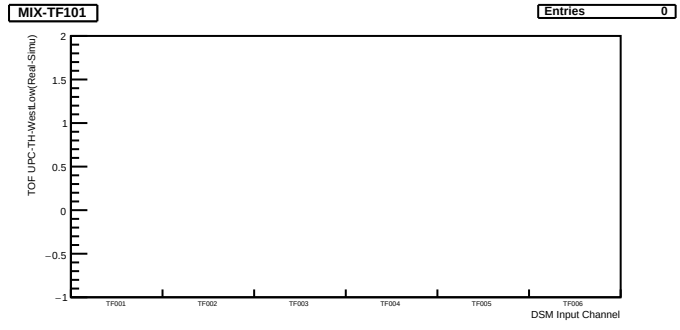

MIX-TF005
Entries 6645009
TOF MULT
TOF tray

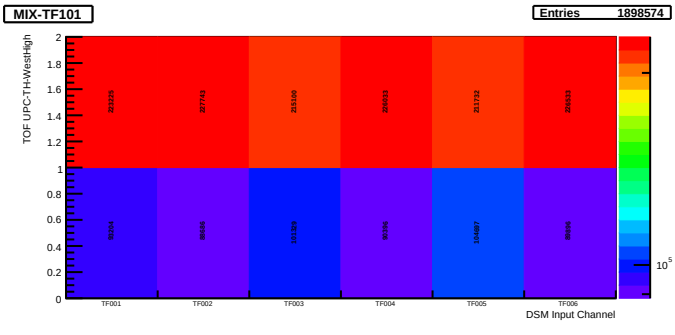

MIX-TF006
Entries 6645009
TOF MULT
TOF tray

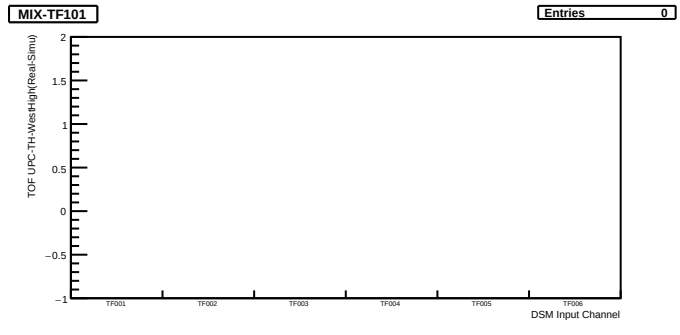

MIX-TF101
Entries 1898574
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

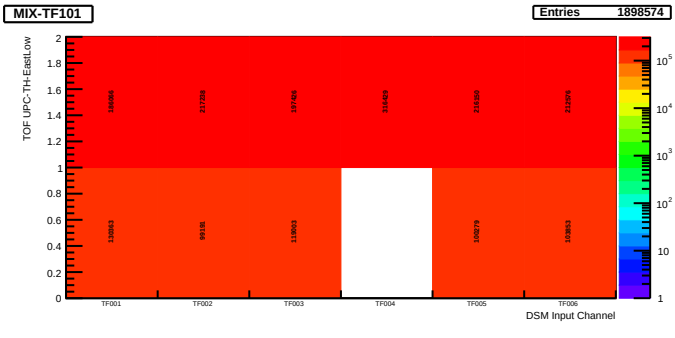

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

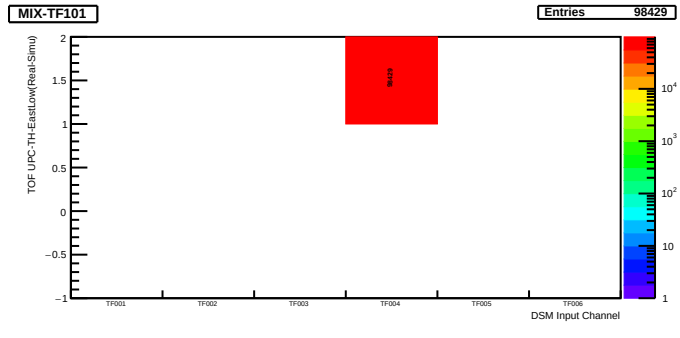

MIX-TF101
Entries 1898574
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

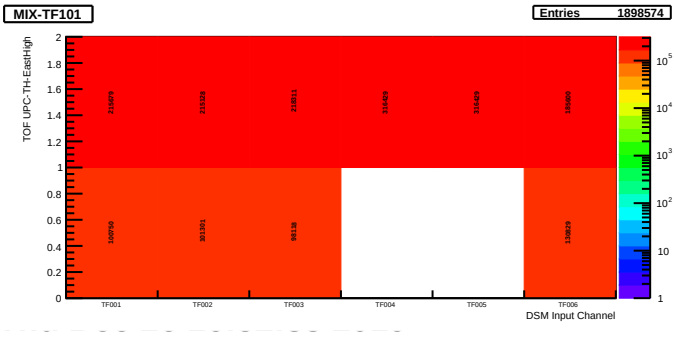

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

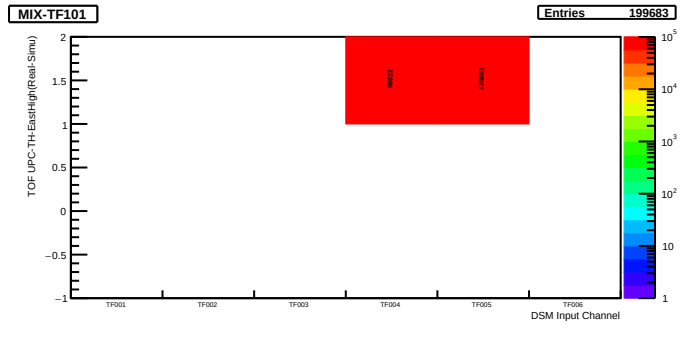

MIX-TF101
Entries 1898574
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

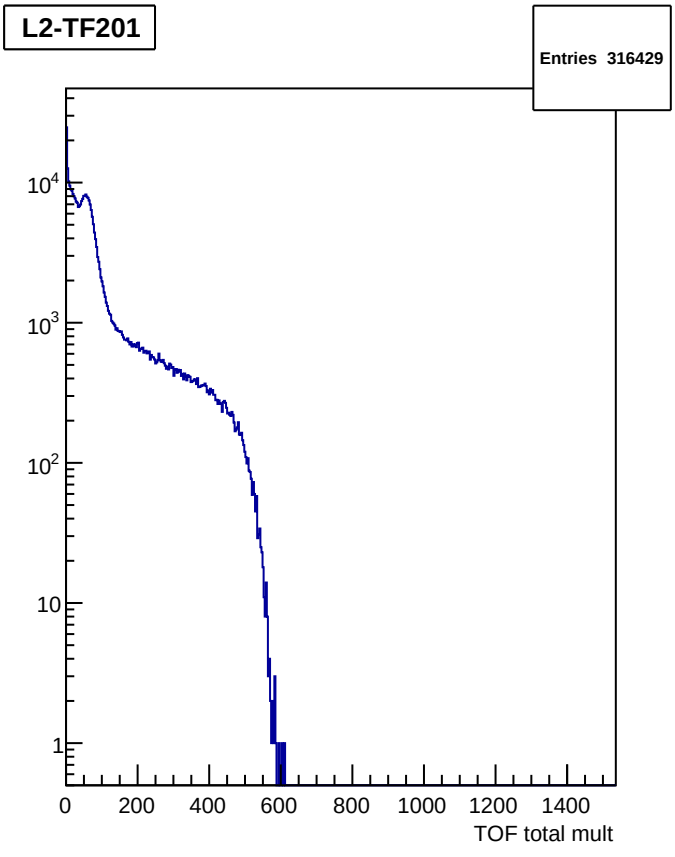

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

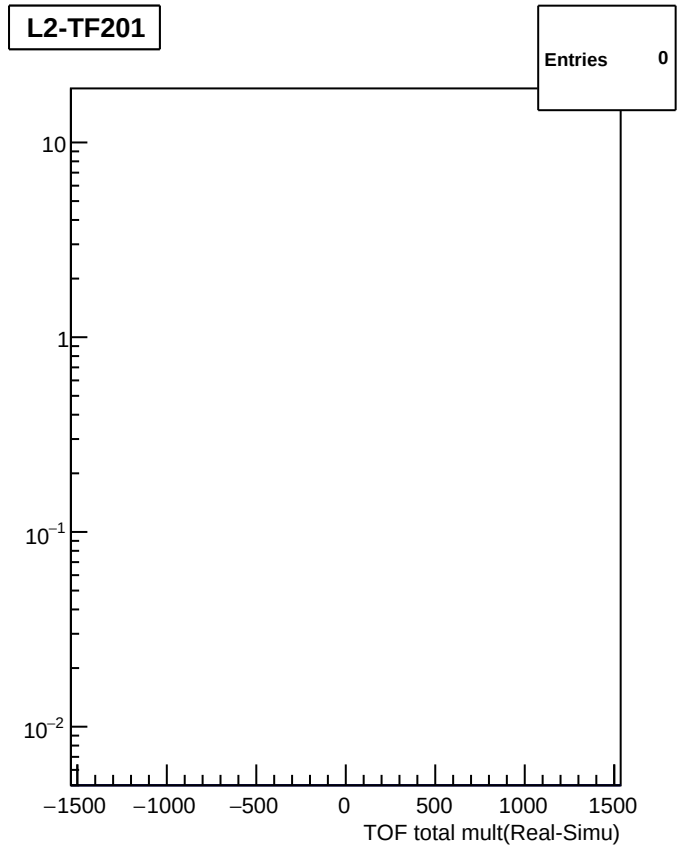

MIX-TF101
Entries 1898574
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

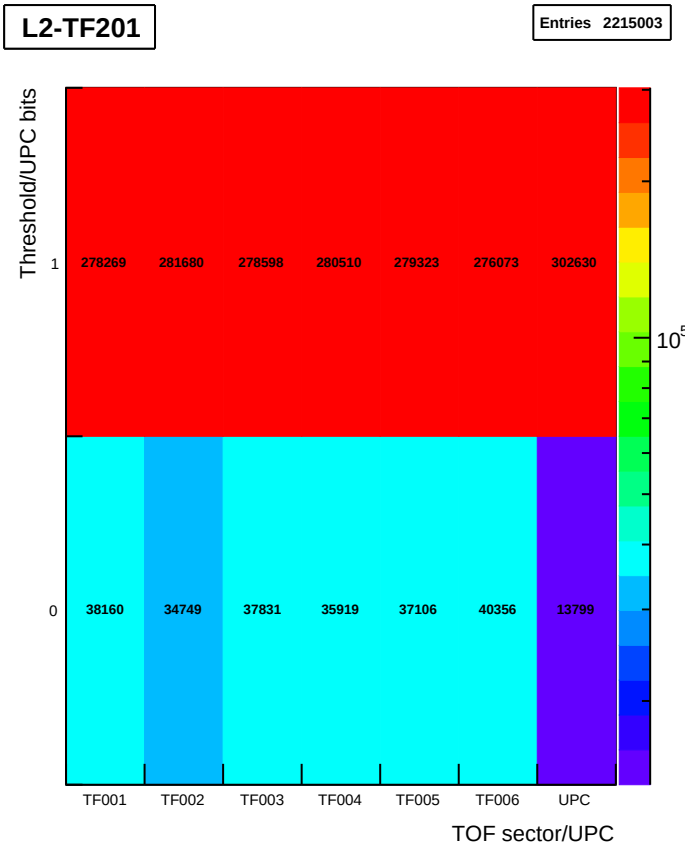

MIX-TF101
Entries 98429
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

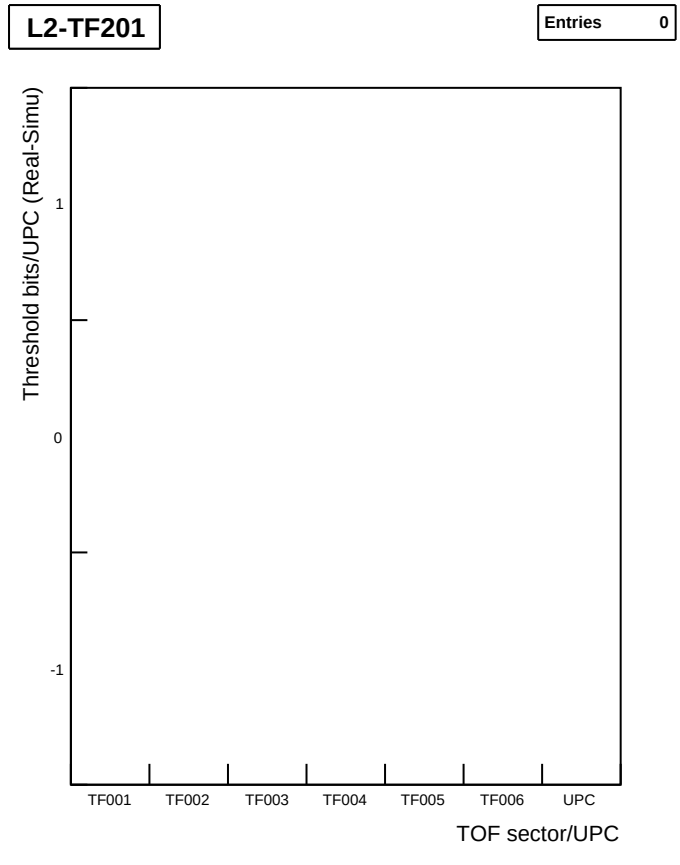

MIX-TF101
Entries 1898574
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

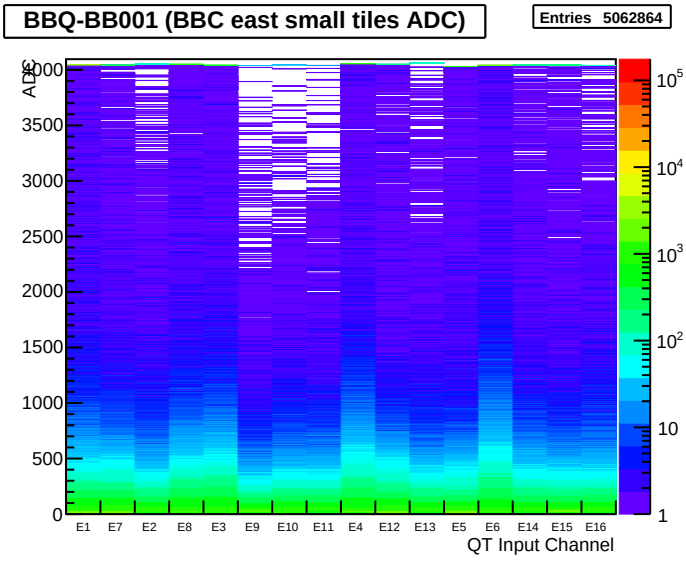

MIX-TF101
Entries 199683
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

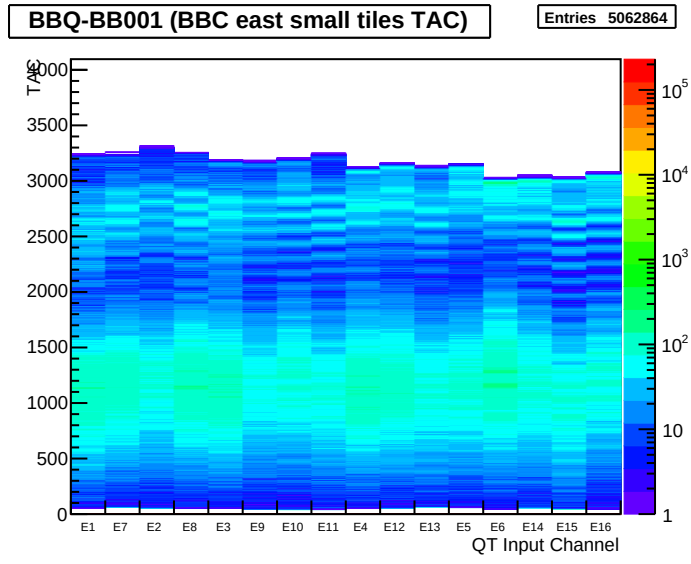

L2-TF201
Entries 316429
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

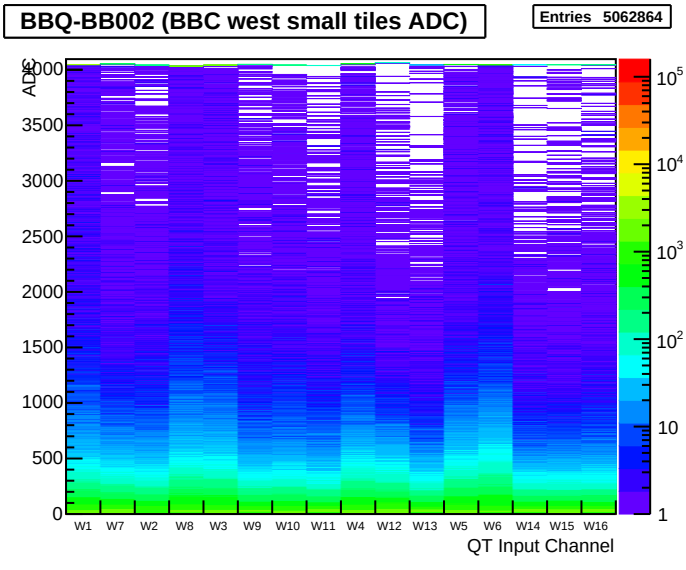

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

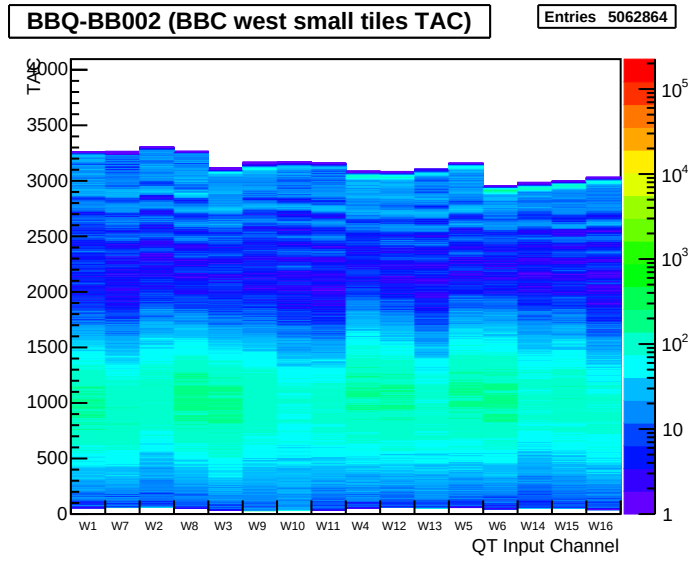

L2-TF201
Entries 2215003
Threshold/UPC bits
1
0
278269
281680
278598
280510
279323
276073
302630
38160
34749
37831
35919
37106
40356
13799
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

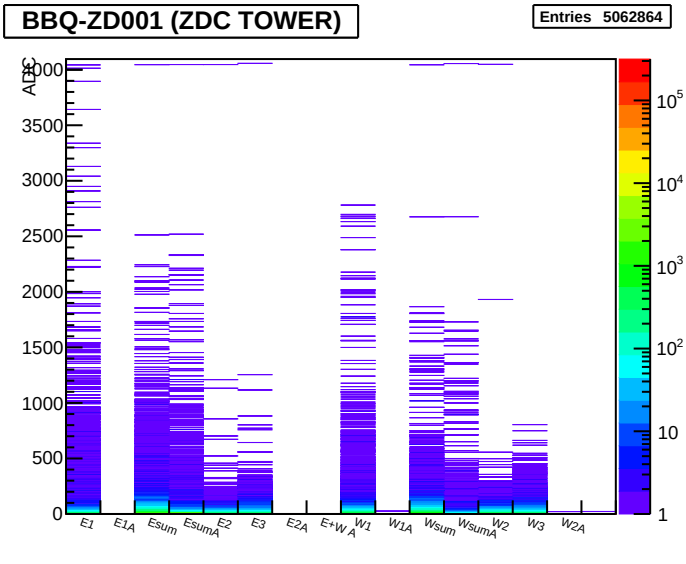

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

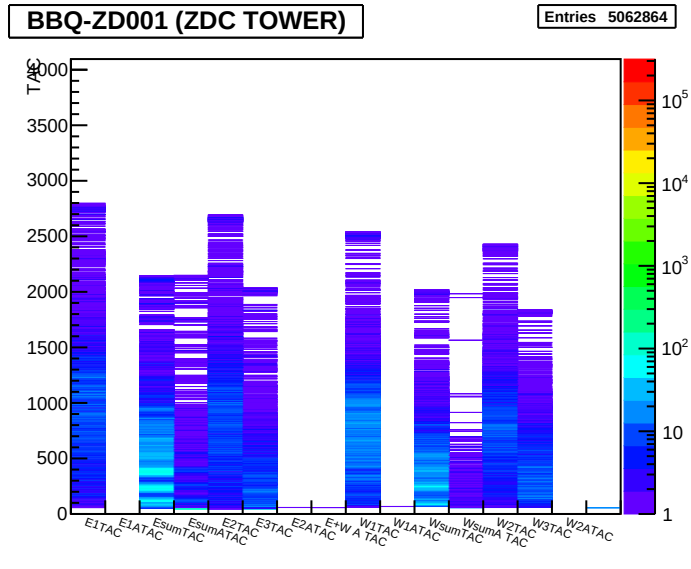

BBQ-BB001 (BBC east small tiles ADC)
Entries 5062864
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

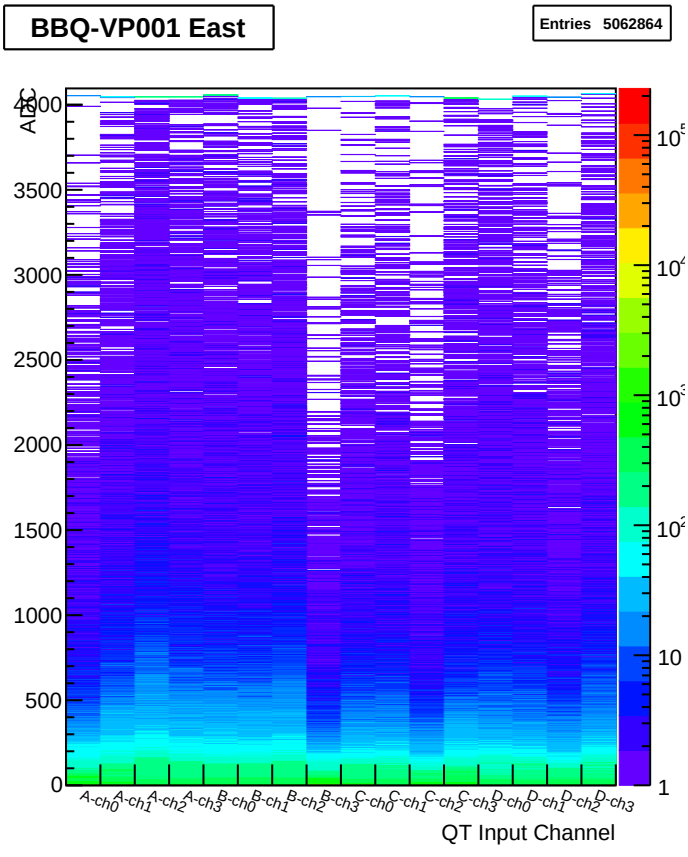

BBQ-BB001 (BBC east small tiles TAC)
Entries 5062864
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

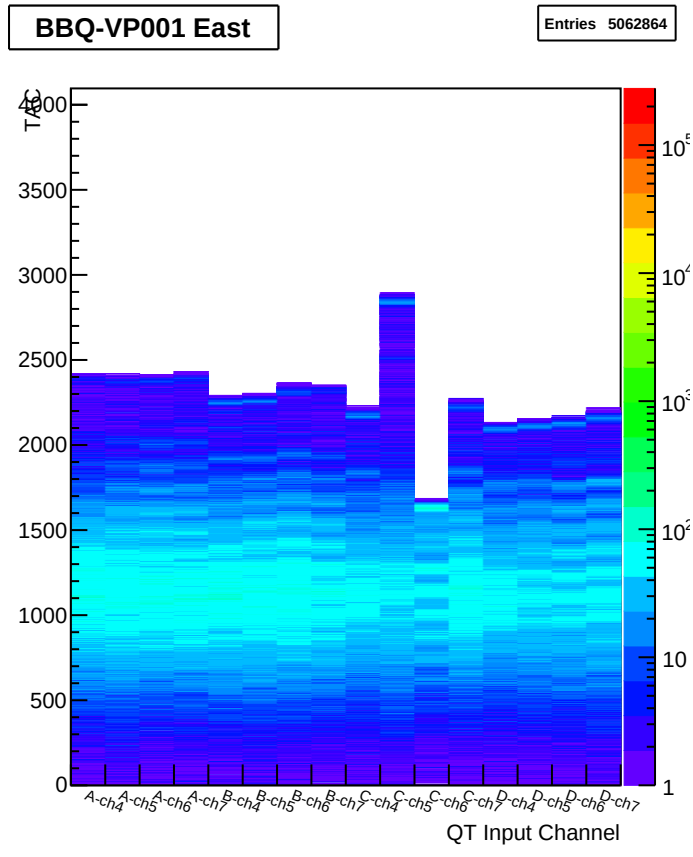

BBQ-BB002 (BBC west small tiles ADC)
Entries 5062864
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

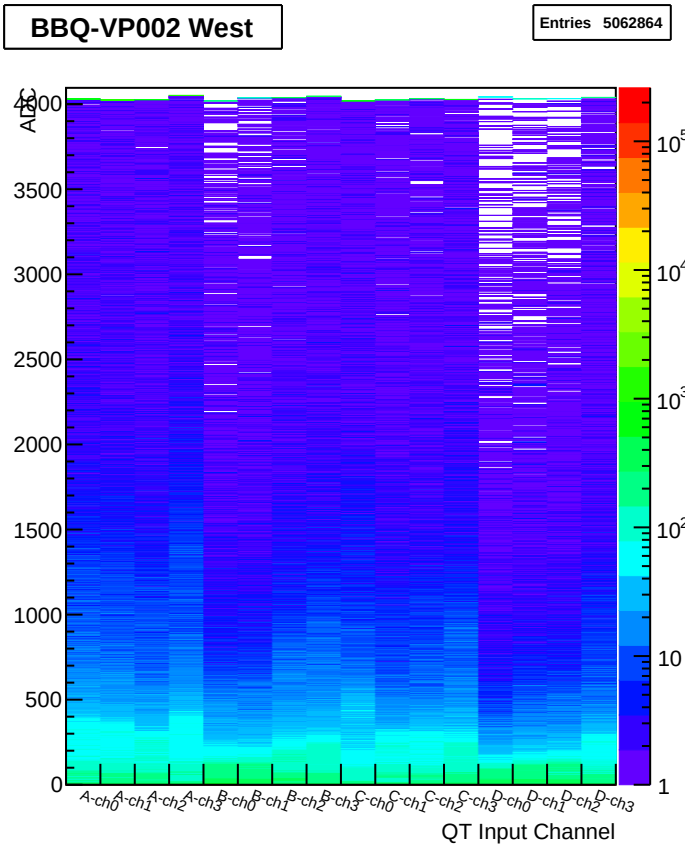

BBQ-BB002 (BBC west small tiles TAC)
Entries 5062864
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

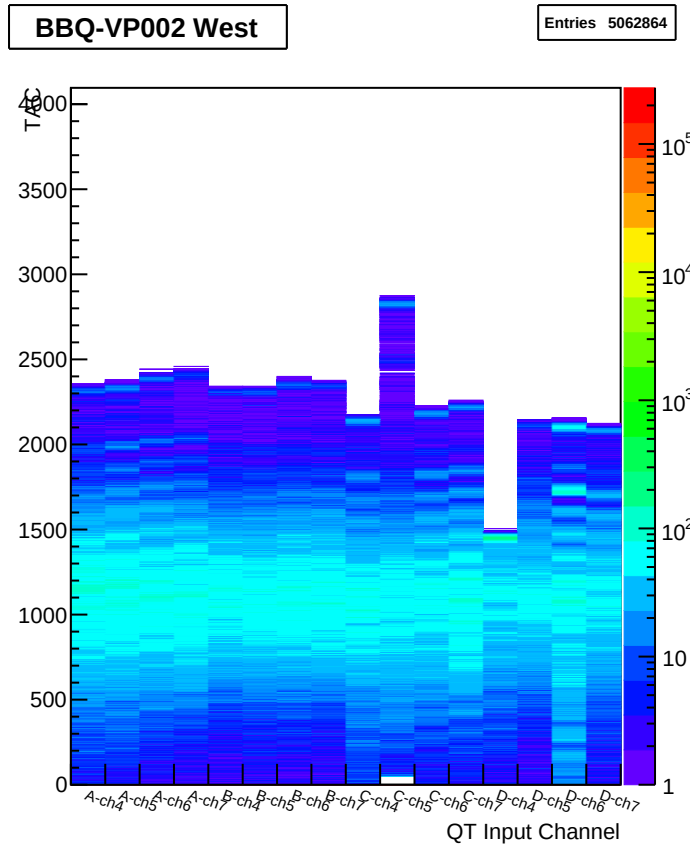

BBQ-ZD001 (ZDC TOWER)
Entries 5062864
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

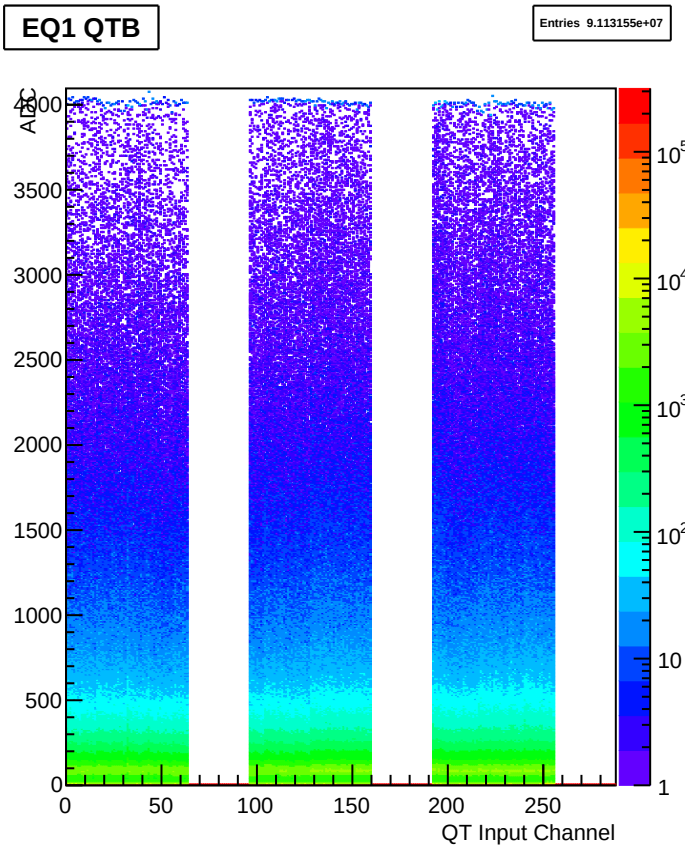

BBQ-ZD001 (ZDC TOWER)
Entries 5062864
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

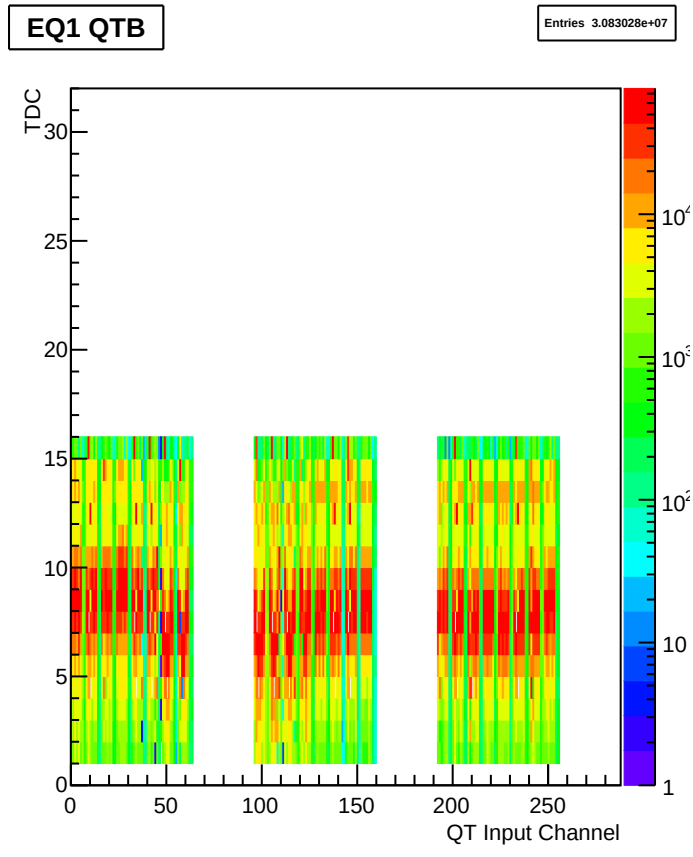

BBQ-VP001 East
Entries 5062864
ADC
QT Input Channel

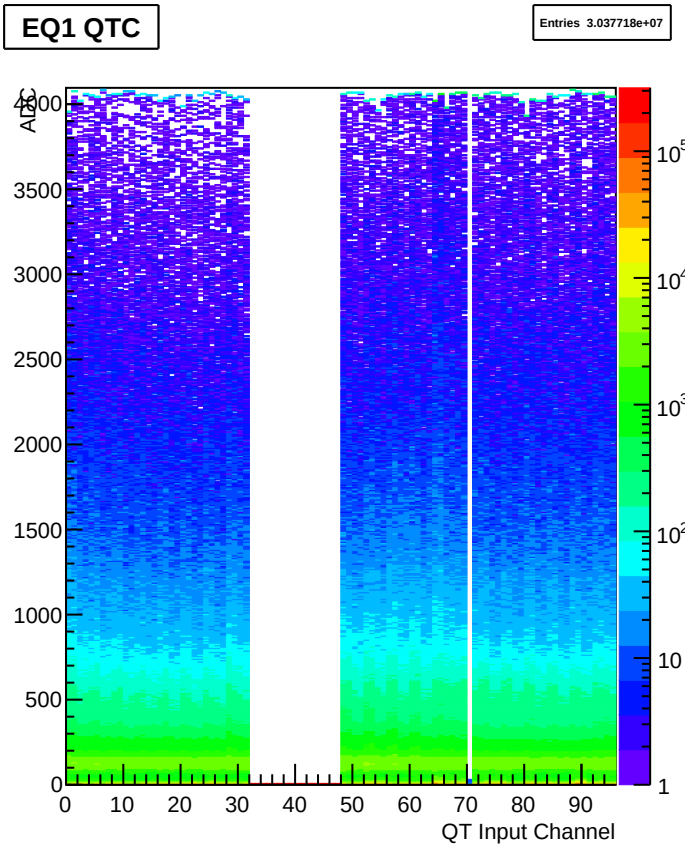

BBQ-VP001 East
Entries 5062864
TADC
QT Input Channel

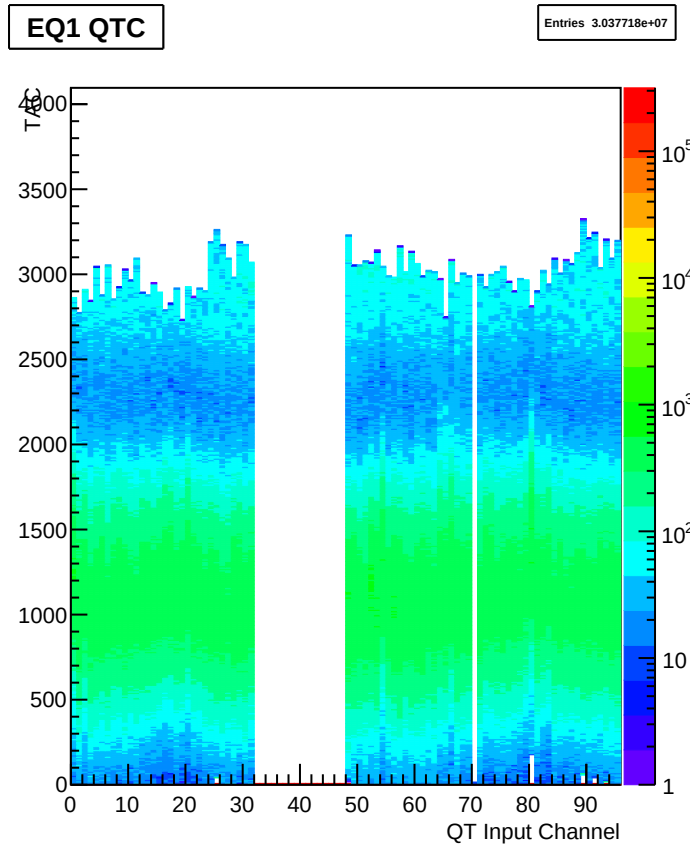

BBQ-VP002 West
Entries 5062864
ADC
QT Input Channel

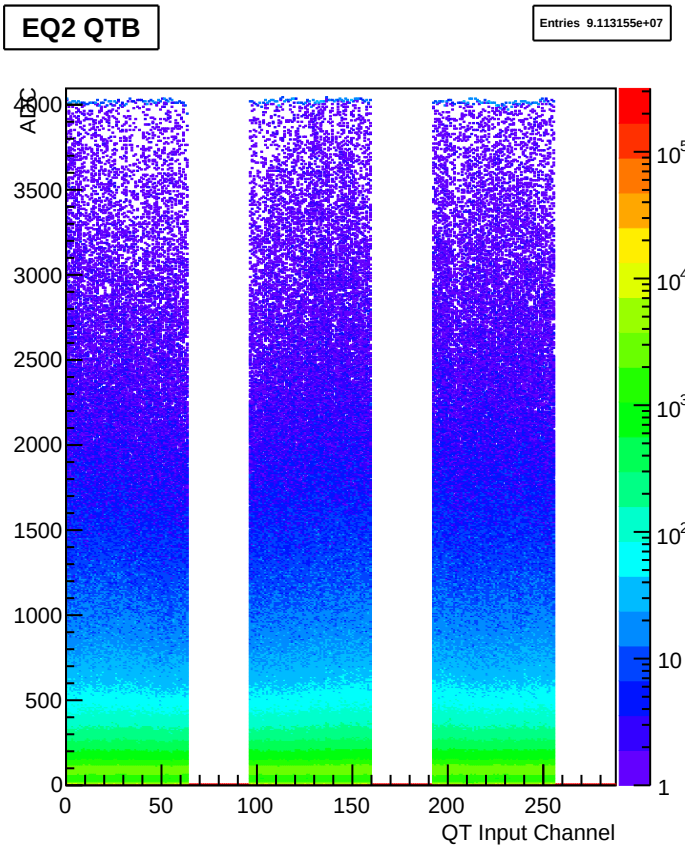

BBQ-VP002 West
Entries 5062864
TADC
QT Input Channel

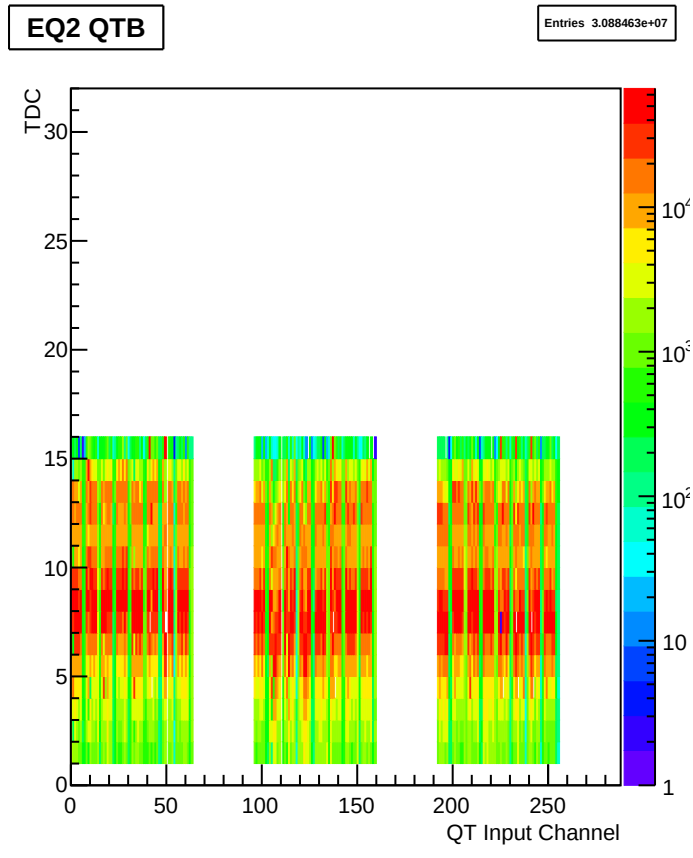

EQ1 QTB
Entries 9.113155e+07
ADC
QT Input Channel

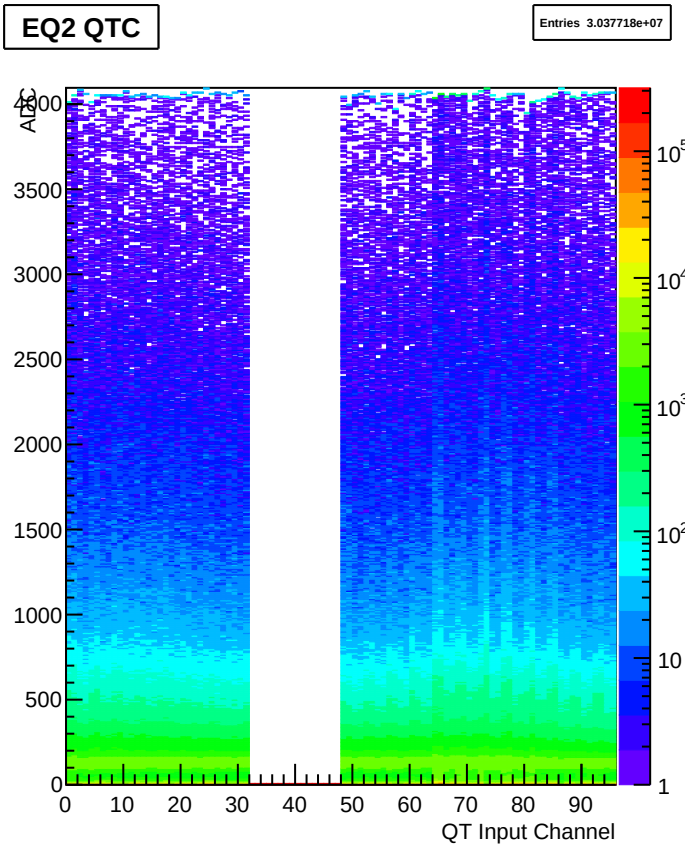

EQ1 QTB
Entries 3.083028e+07
TDC
QT Input Channel

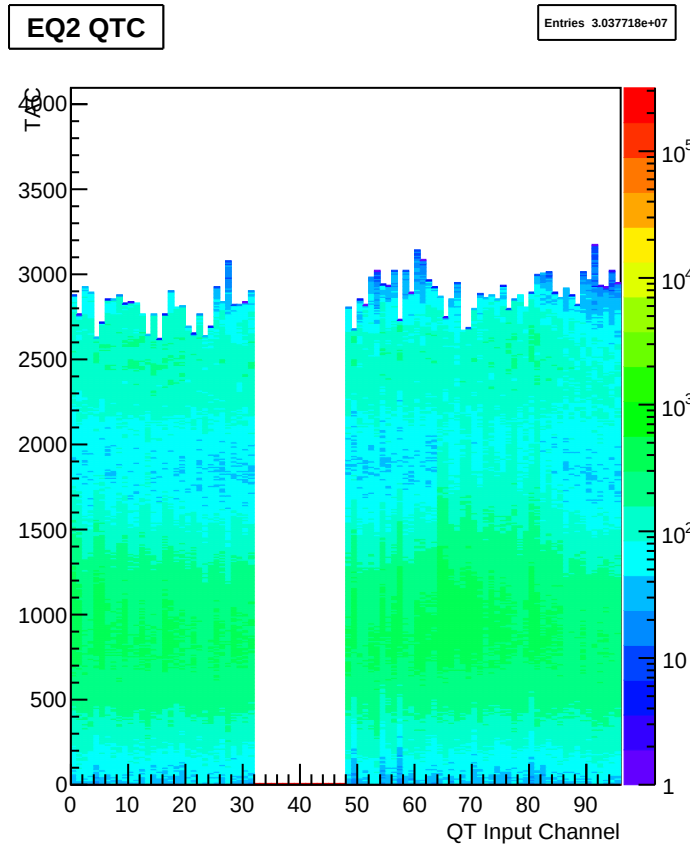

EQ1 QTC
Entries 3.037718e+07
ADC
QT Input Channel

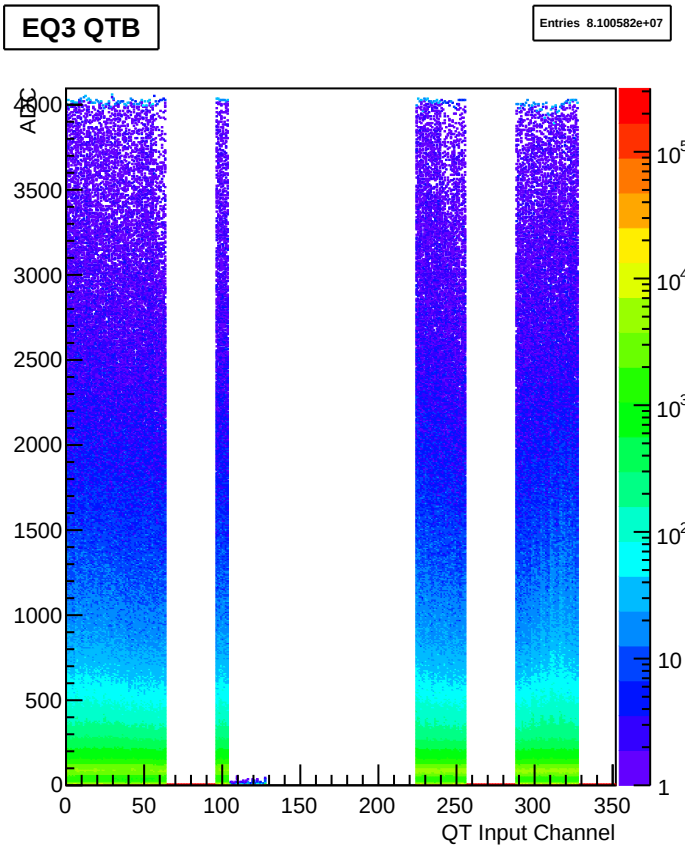

EQ1 QTC
Entries 3.037718e+07
TADC
QT Input Channel

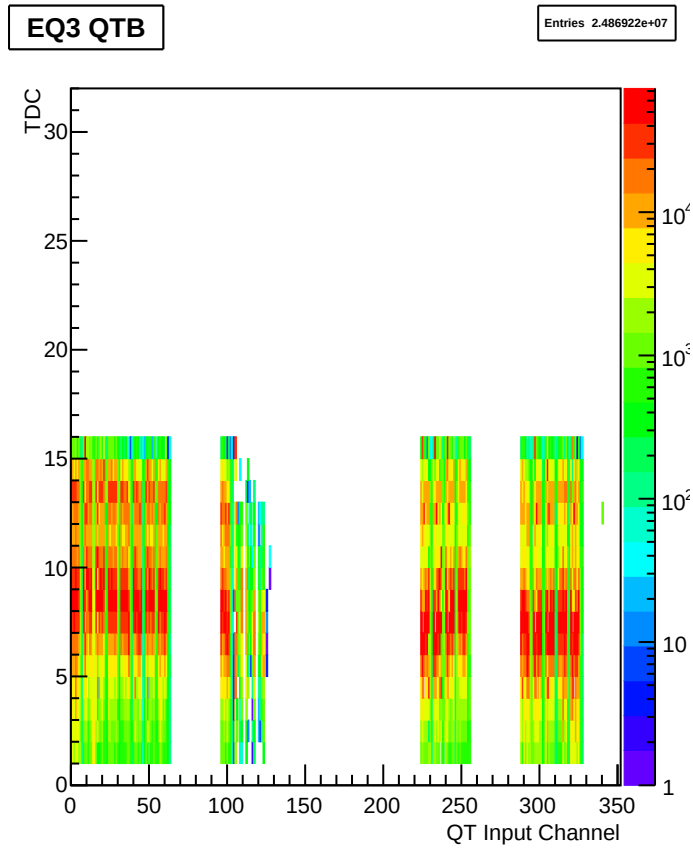

EQ2 QTB
Entries 9.113155e+07
ADC
QT Input Channel

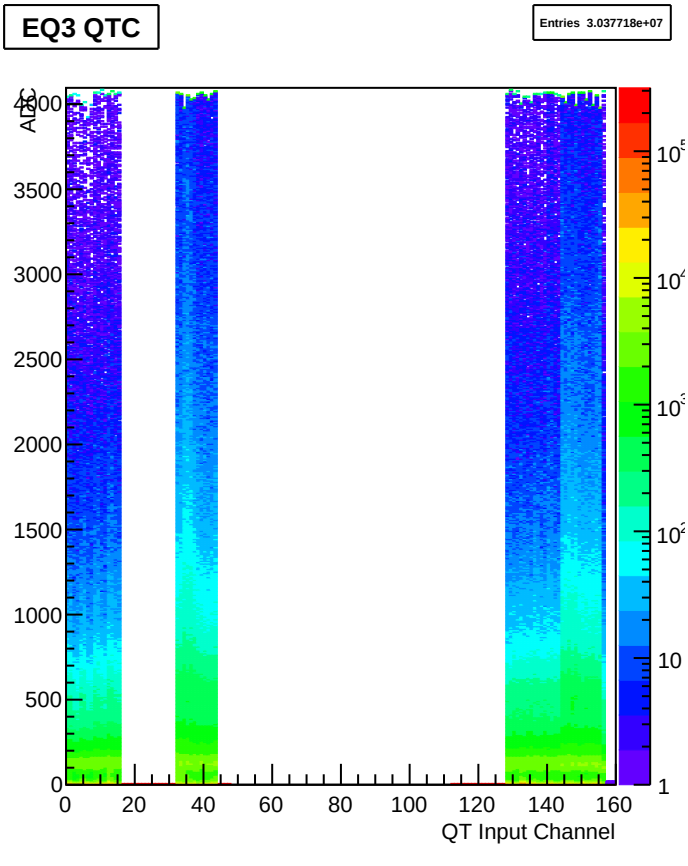

EQ2 QTB
Entries 3.088463e+07
TDC
QT Input Channel

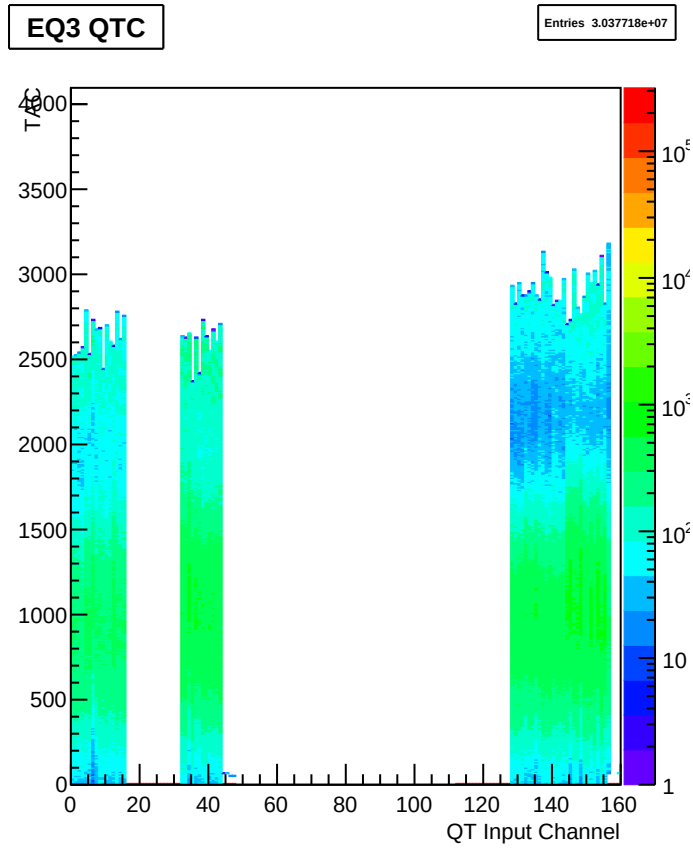

EQ2 QTC
Entries 3.037718e+07
ADC
QT Input Channel

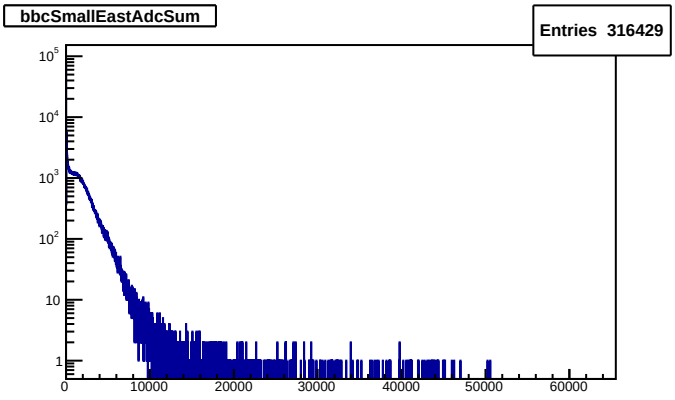

EQ2 QTC
Entries 3.037718e+07
TADC
QT Input Channel

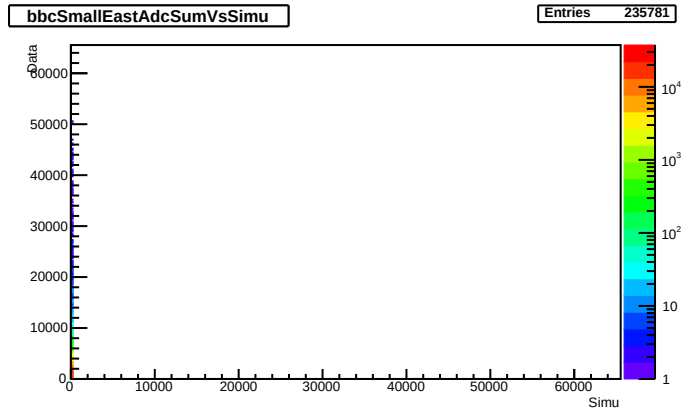

EQ3 QTB
Entries 8.100582e+07
ADC
QT Input Channel

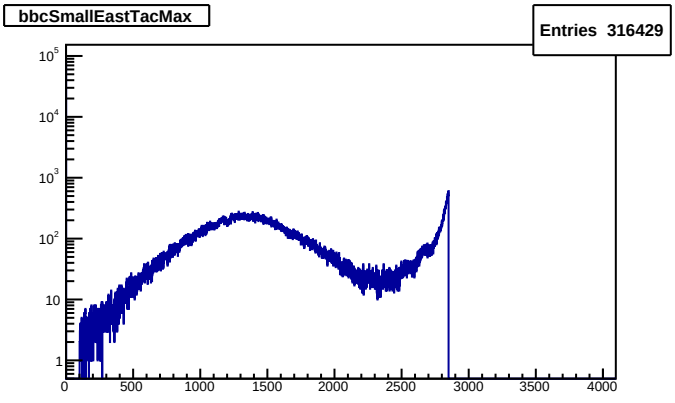

EQ3 QTB
Entries 2.486922e+07
TDC
QT Input Channel

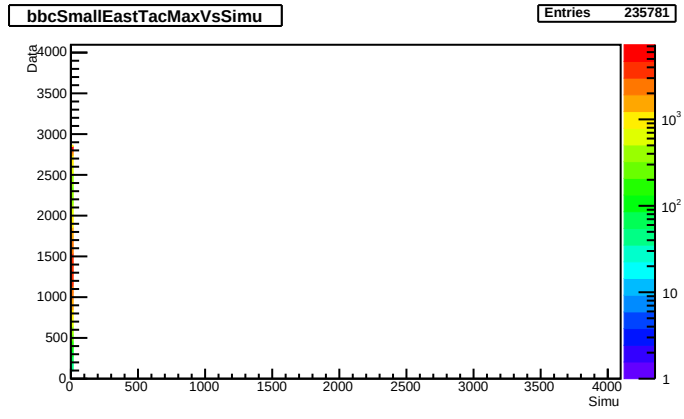

EQ3 QTC
Entries 3.037718e+07
ADC
QT Input Channel

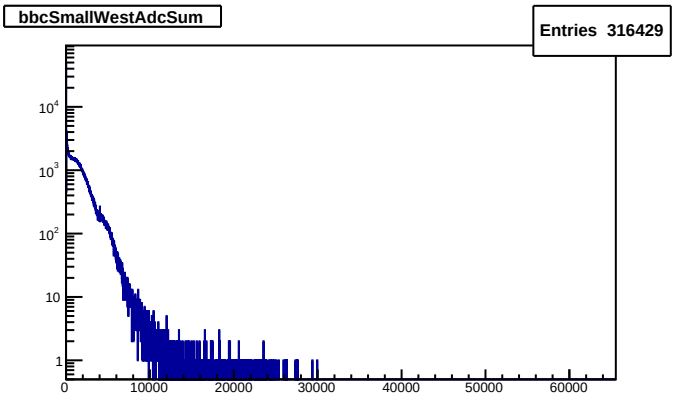

EQ3 QTC
Entries 3.037718e+07
TADC
QT Input Channel

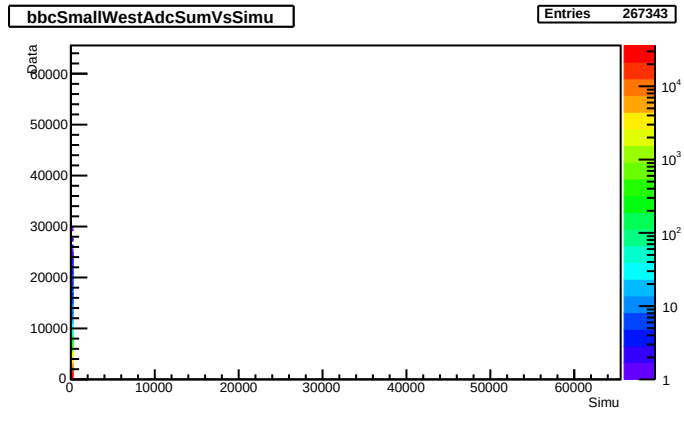

bbcSmallEastAdcSum
Entries 316429

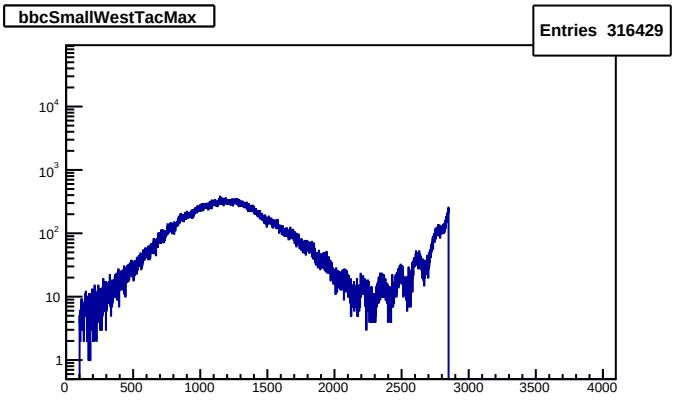

bbcSmallEastAdcSumVsSimu
Entries 235781
Data
Simu

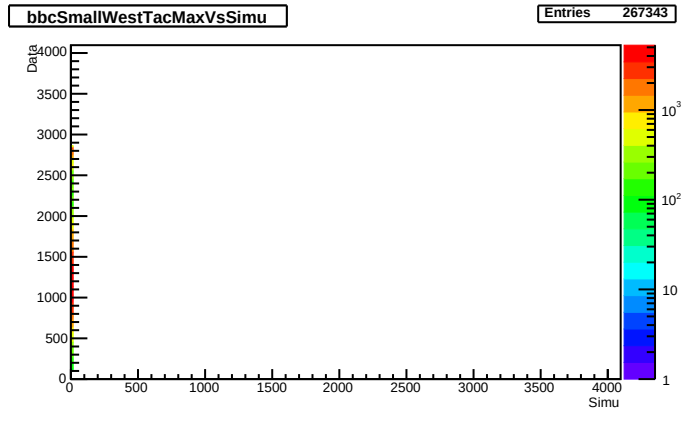

bbcSmallEastTacMax
Entries 316429

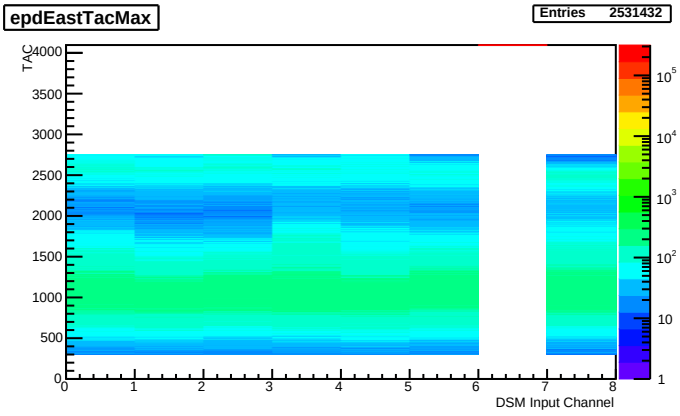

bbcSmallEastTacMaxVsSimu
Entries 235781
Data
Simu

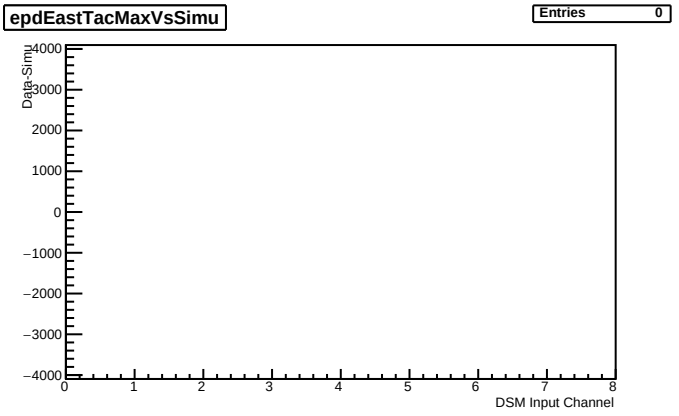

bbcSmallWestAdcSum
Entries 316429

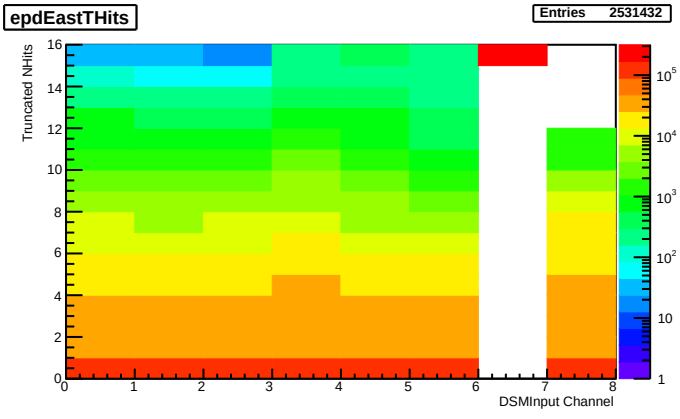

bbcSmallWestAdcSumVsSimu
Entries 267343
Data
Simu

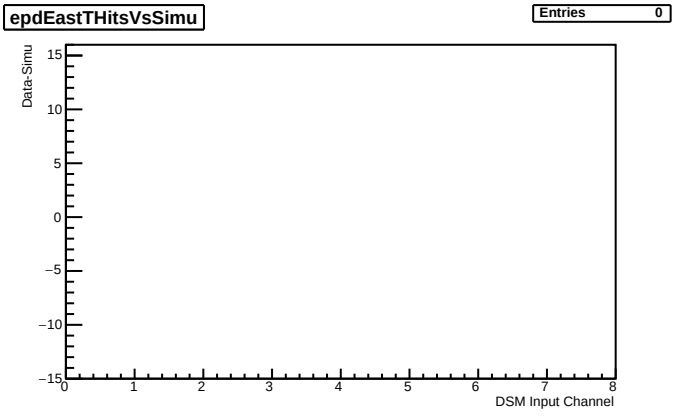

bbcSmallWestTacMax
Entries 316429


bbcSmallWestTacMaxVsSimu
Entries 267343
Data
Simu


epdEastTacMax
Entries 2531432
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2531432
Truncated NHits
DSMInput Channel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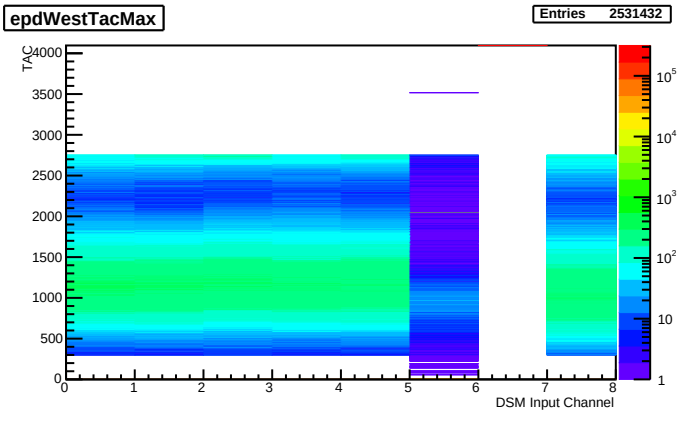
Data-Simu
DSM Input Channel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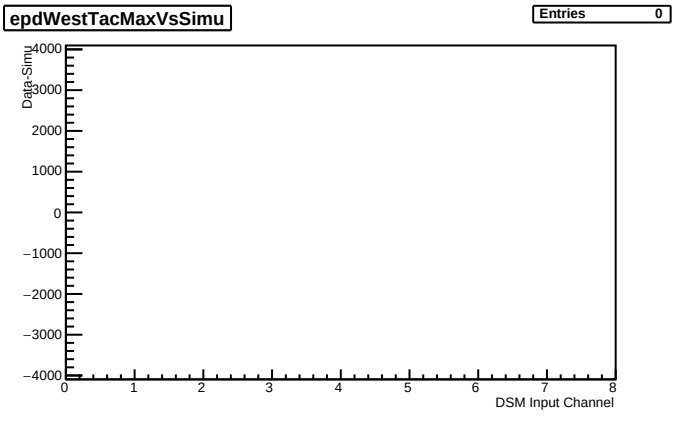
Entries 2531432
TAC
DSM Input Channel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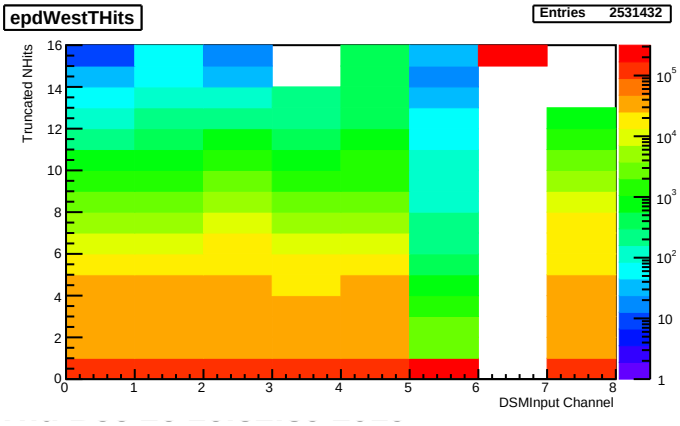
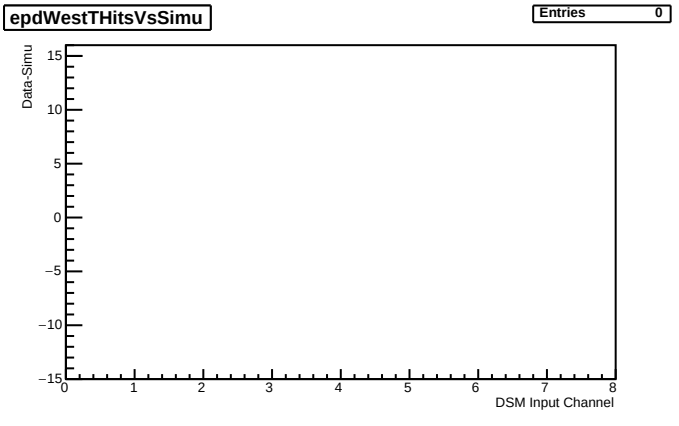
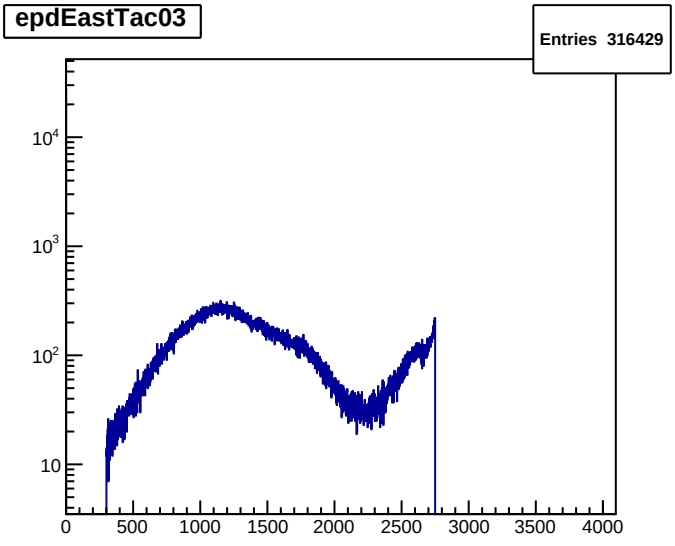
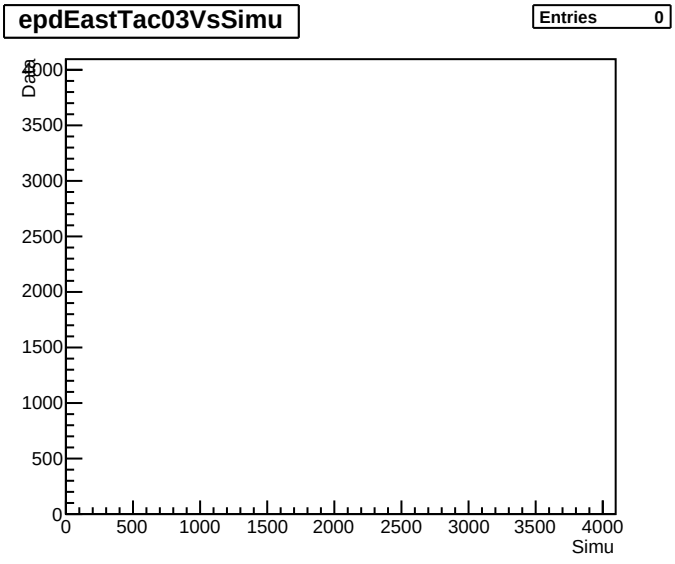
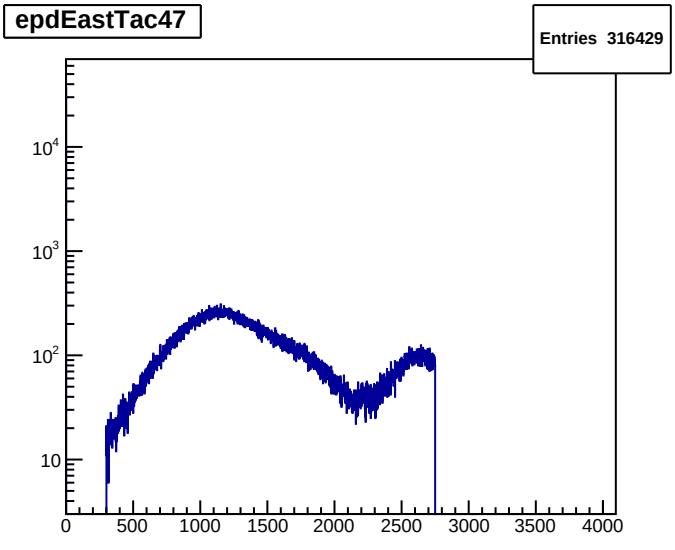
Entries 0
Data-Simu
DSM Input Channel

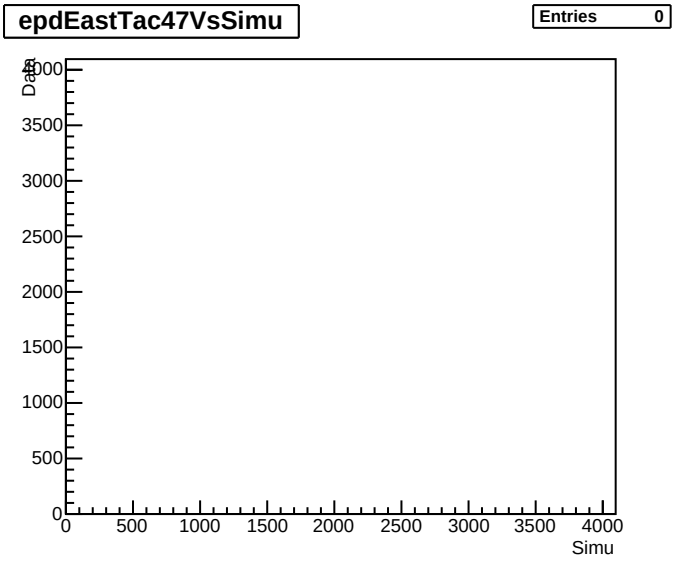

epdWestTHits
Entries 2531432
Truncated NHits
DSMInput Channel

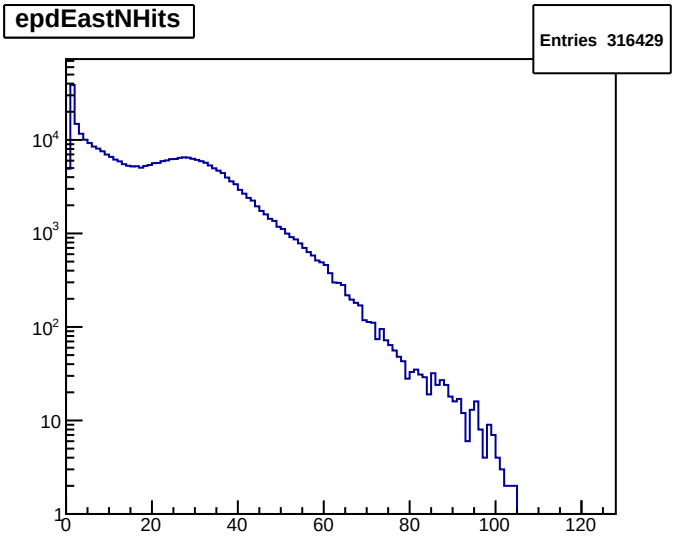

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

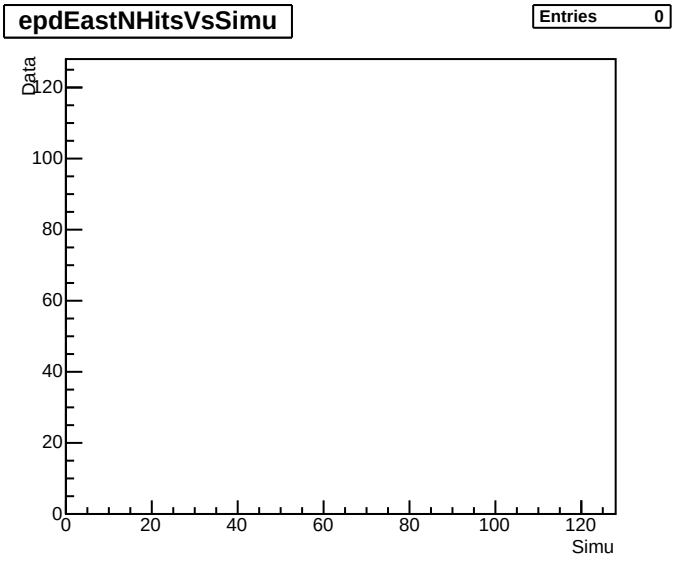

epdEastTac03
Entries 316429


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 316429


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 316429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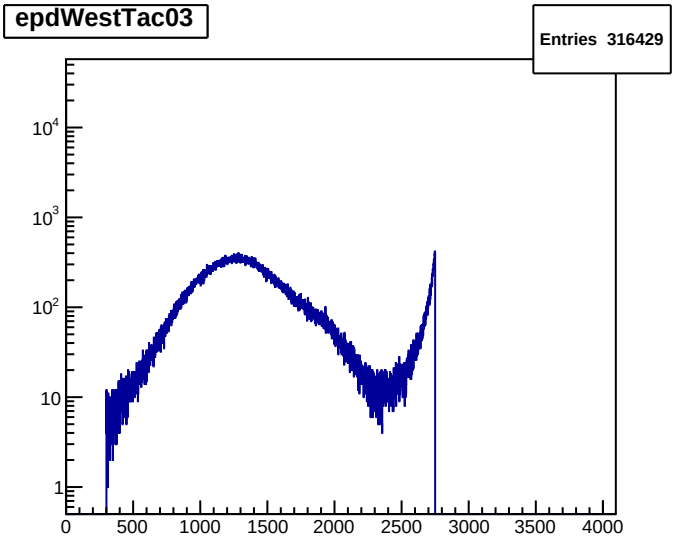
Entries 0
Data
Simu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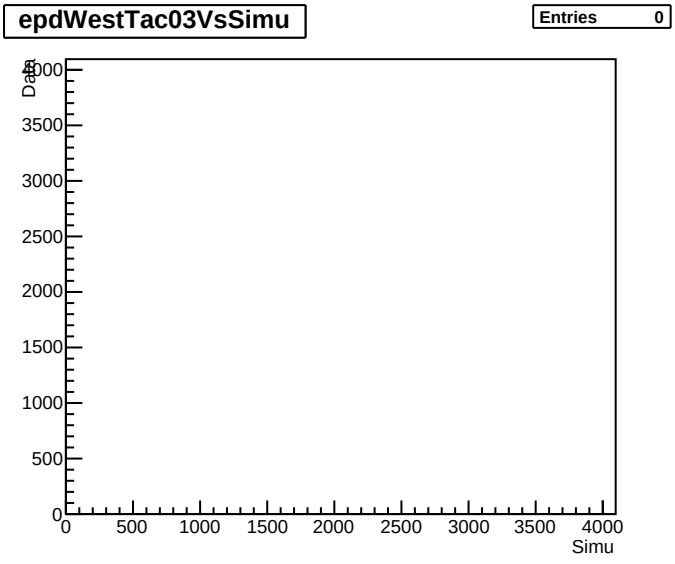
Entries 316429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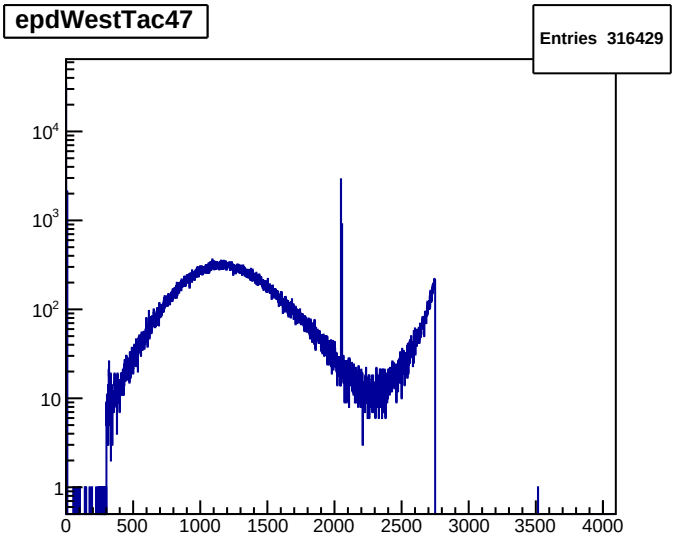
Entries 0
Data
Simu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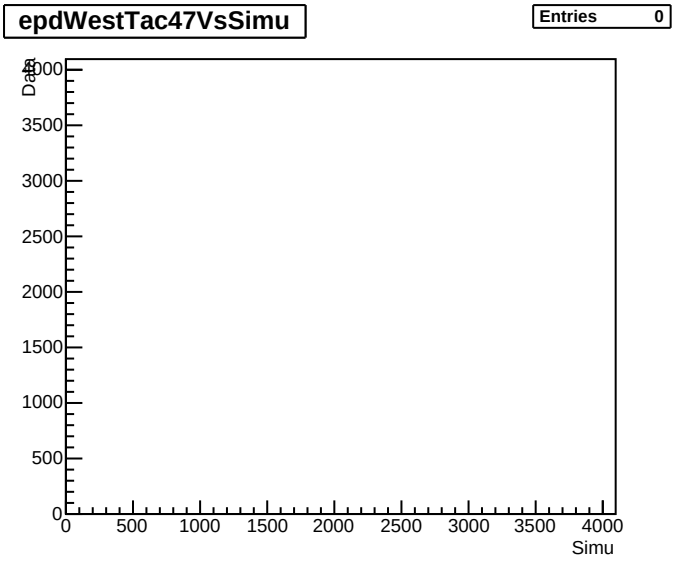
Entries 316429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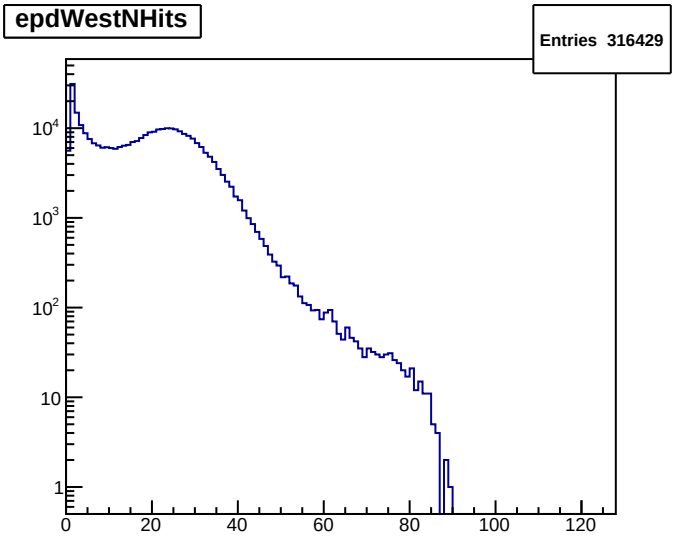
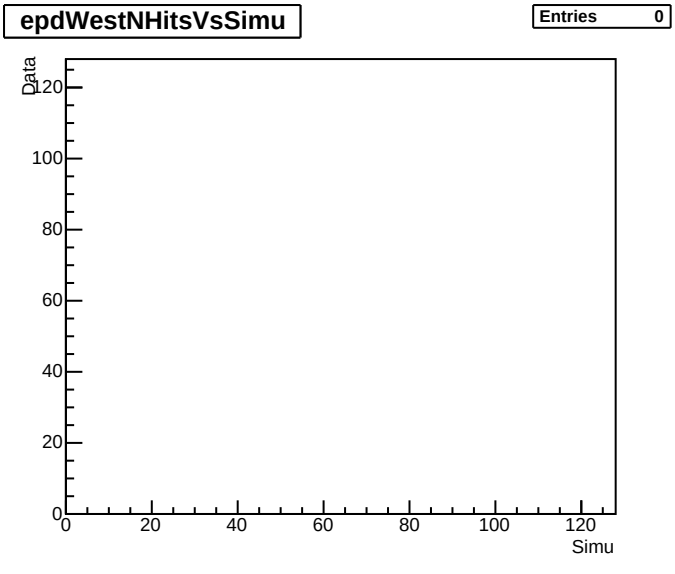
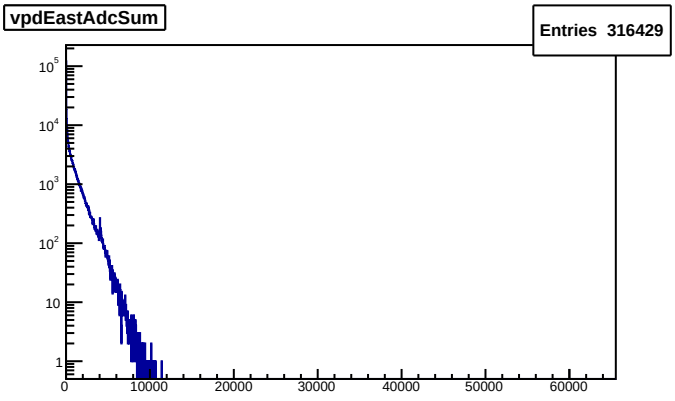
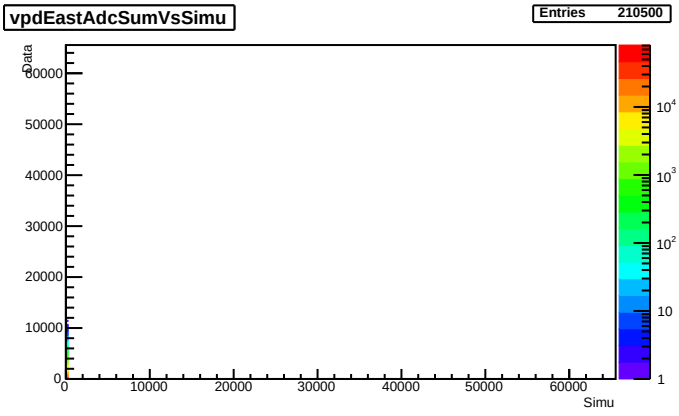
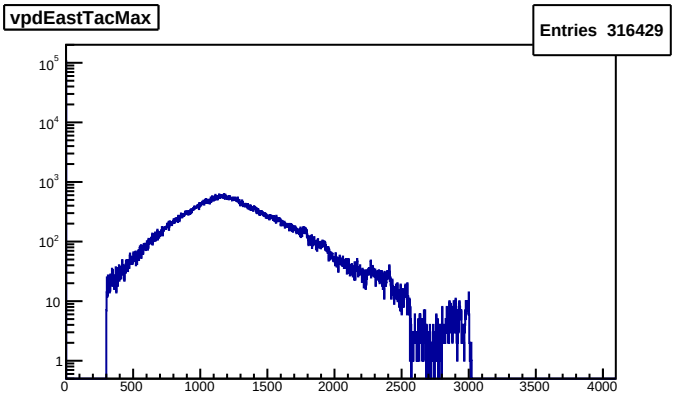
Entries 0
Data
Simu

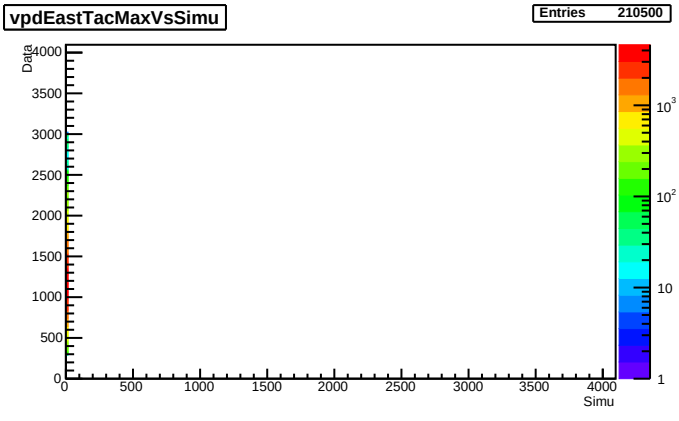

epdWestNHits
Entries 316429

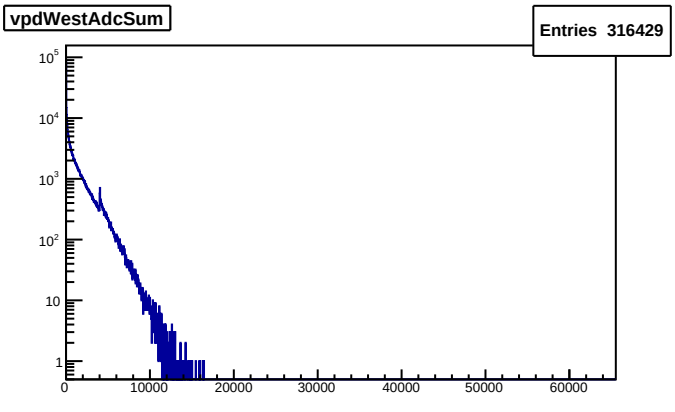

epdWestNHitsVsSimu
Entries 0
Data
Simu

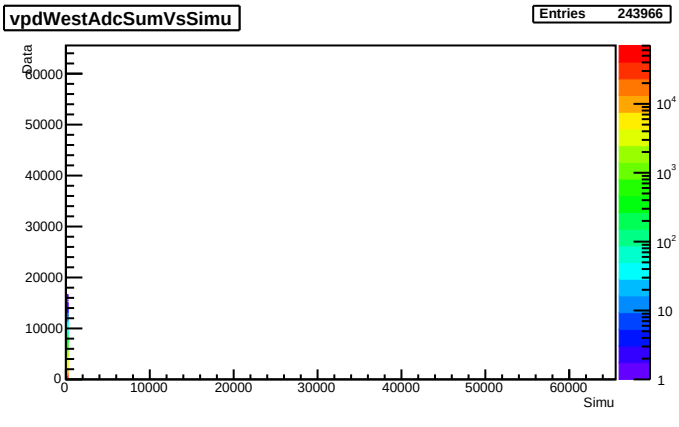

vpdEastAdcSum
Entries 316429

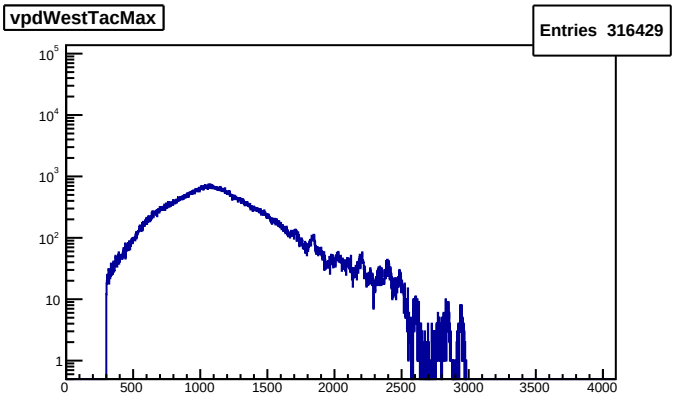

vpdEastAdcSumVsSimu
Entries 210500
Data
Simu

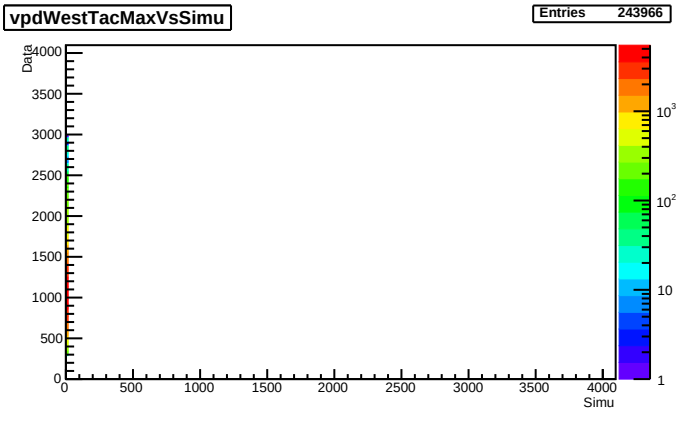

vpdEastTacMax
Entries 316429

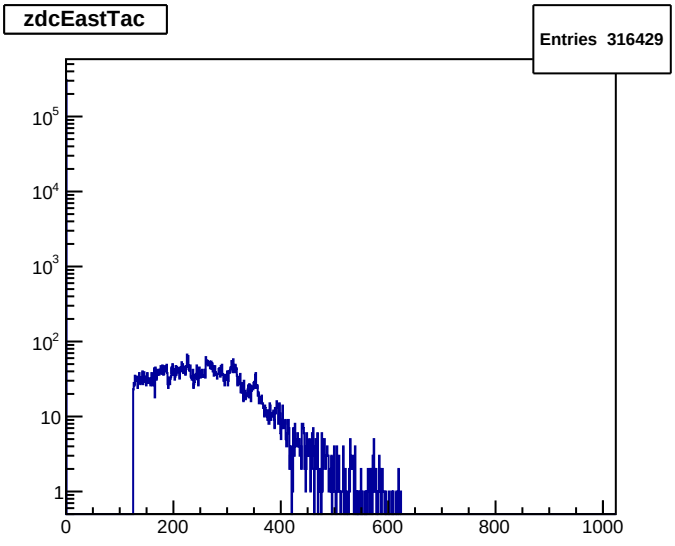

vpdEastTacMaxVsSimu
Entries 210500
Data
Simu

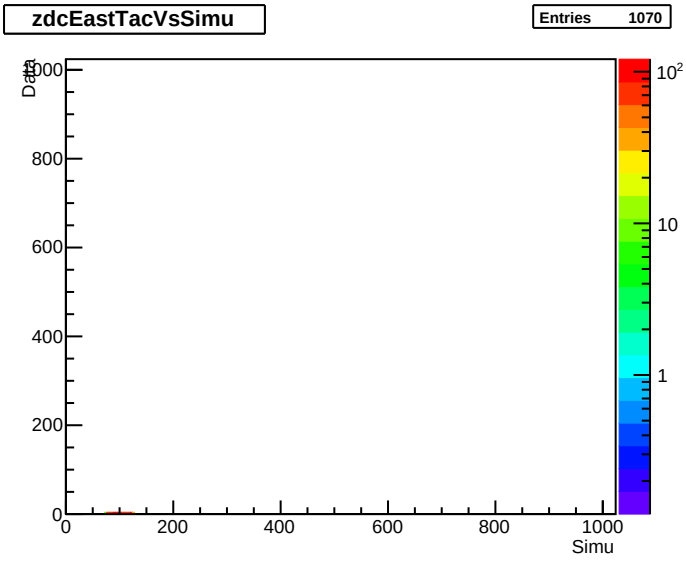

vpdWestAdcSum
Entries 316429

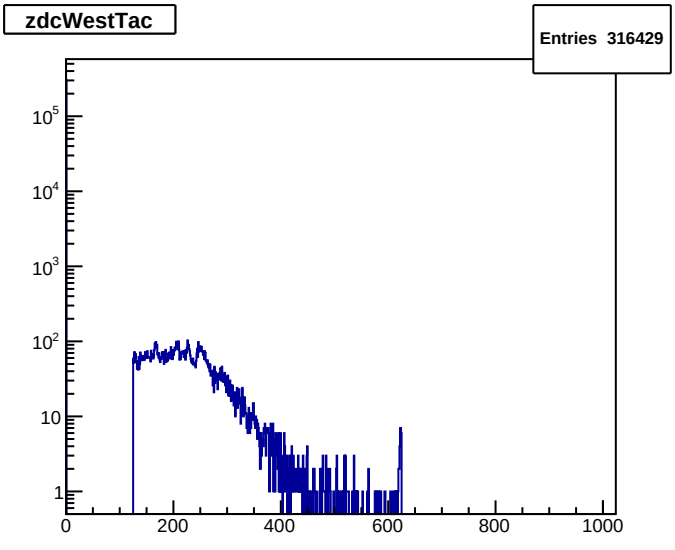

vpdWestAdcSumVsSimu
Entries 243966
Data
Simu

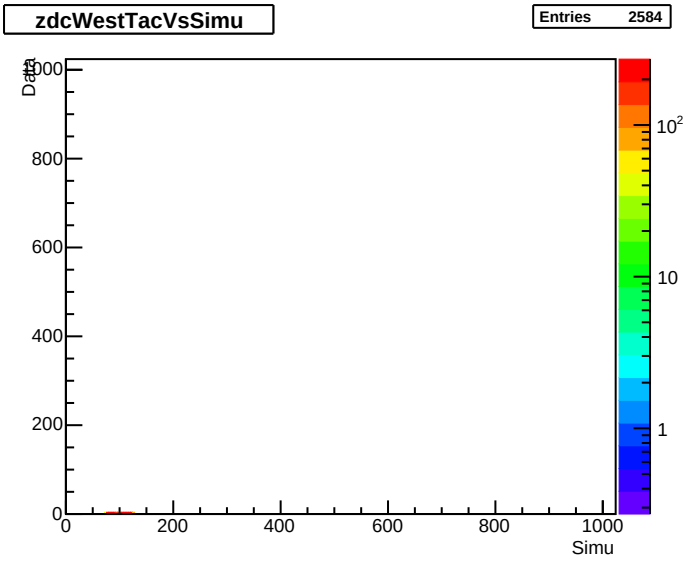

vpdWestTacMax
Entries 316429

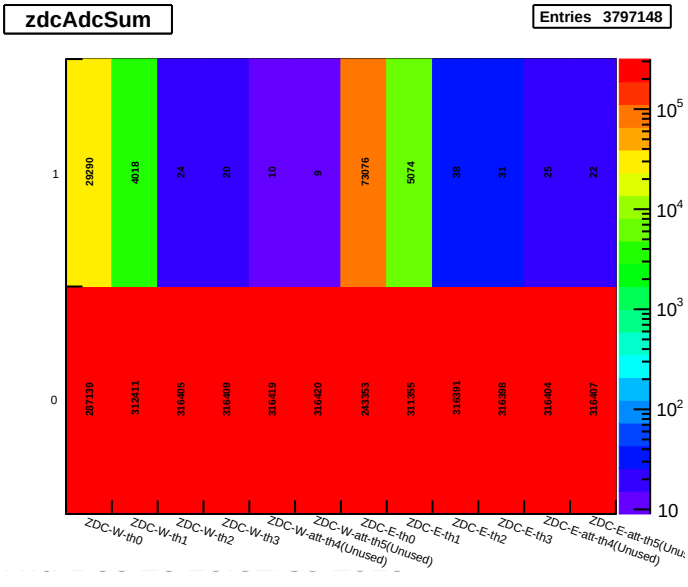

vpdWestTacMaxVsSimu
Entries 243966
Data
Simu

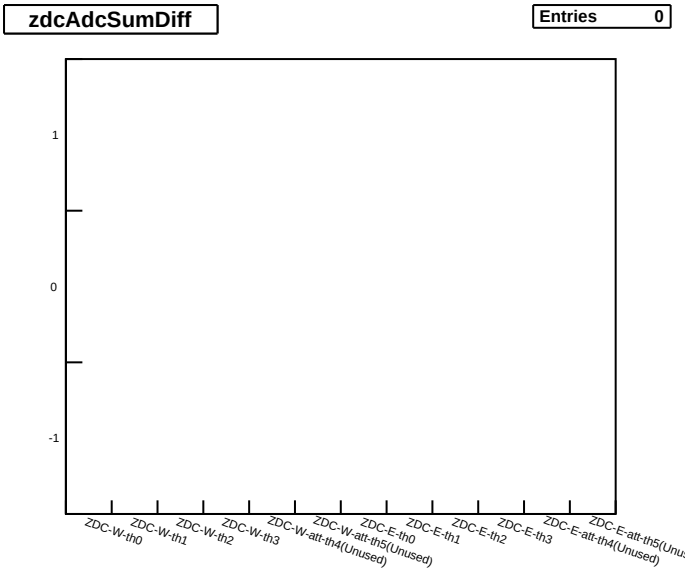

zdcEastTac
Entries 316429

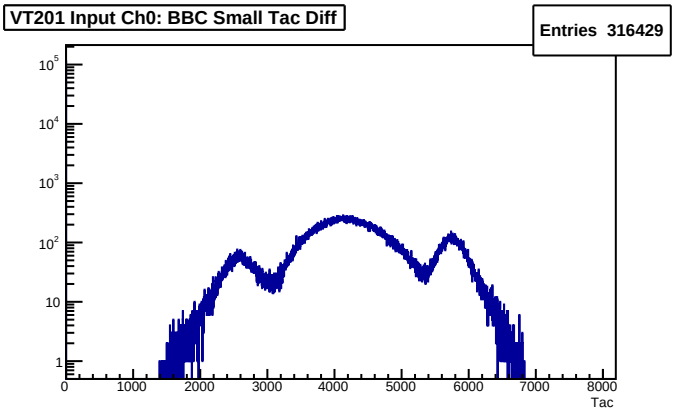

zdcEastTacVsSimu
Entries 1070
Data
Simu

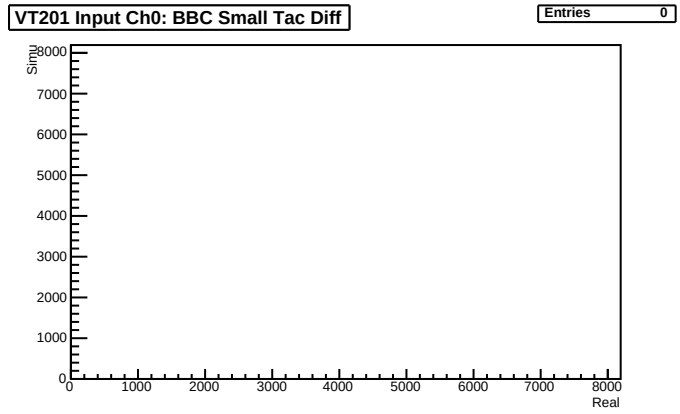

zdcWestTac
Entries 316429

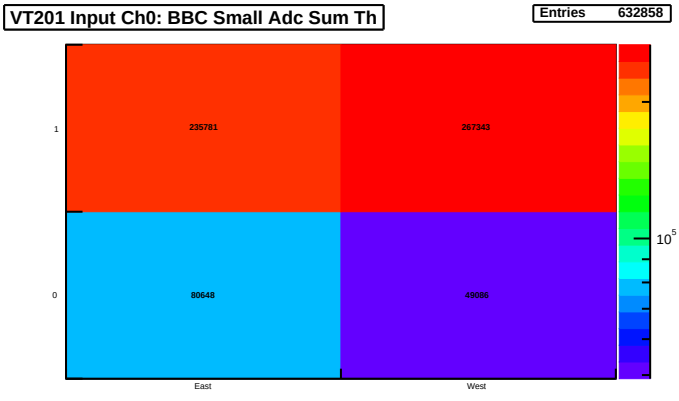

zdcWestTacVsSimu
Entries 2584
Data
Simu

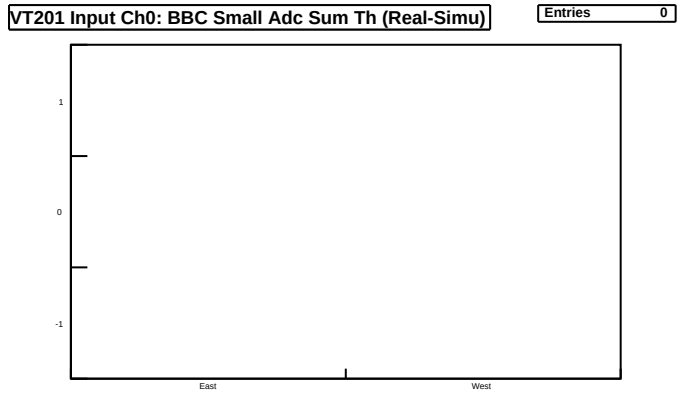

zdcAdcSum
Entries 3797148
29290
4018
24
20
10
9
73076
5074
38
31
25
22
287139
312411
316405
316409
316419
316420
243553
311355
316391
316398
316404
316407
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

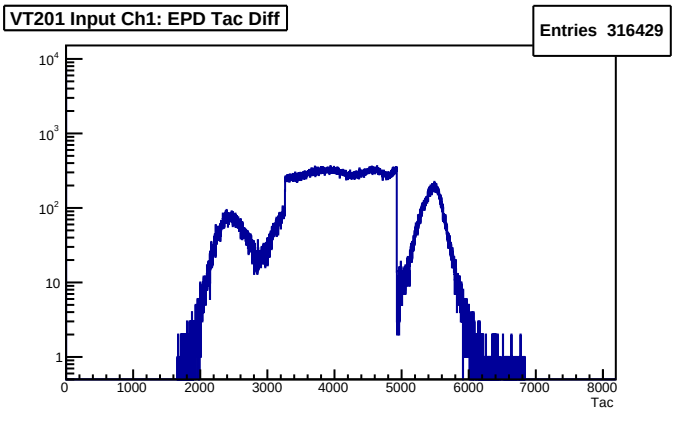

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

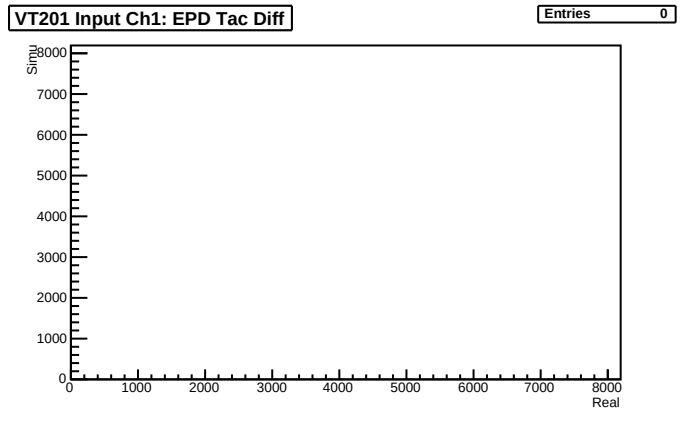

VT201 Input Ch0: BBC Small Tac Diff
Entries 316429
Tac

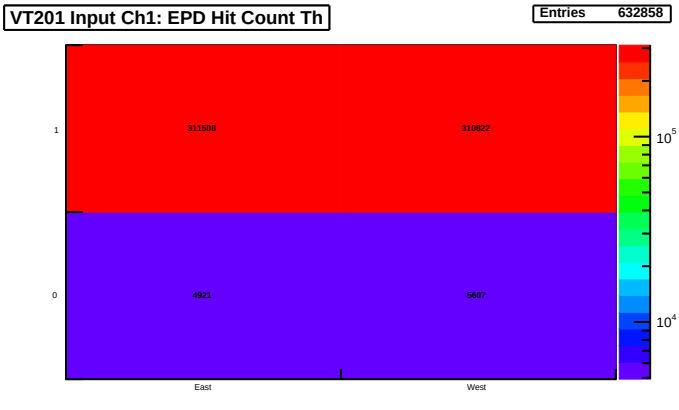

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

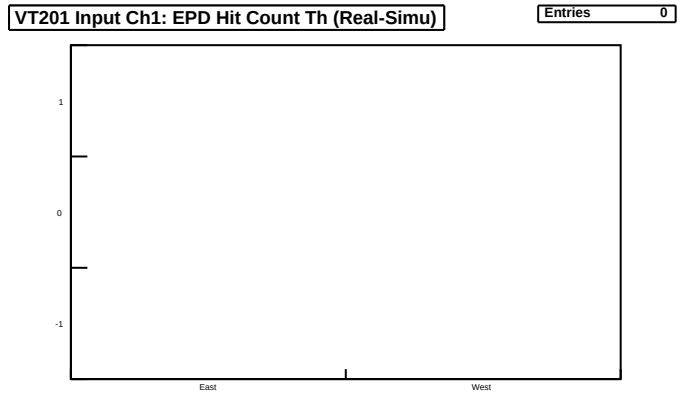

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 632858
235781
267343
80648
49086
East
West

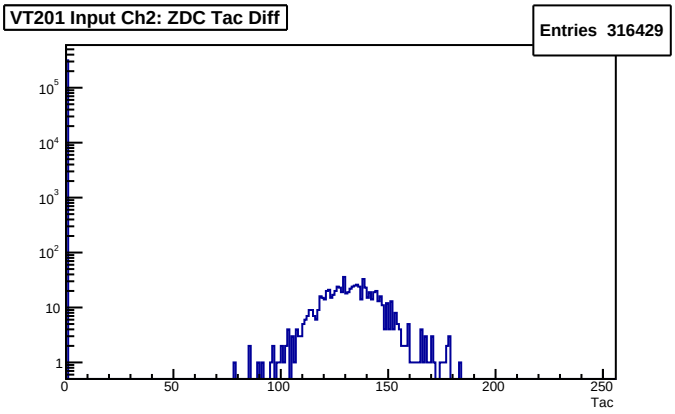

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

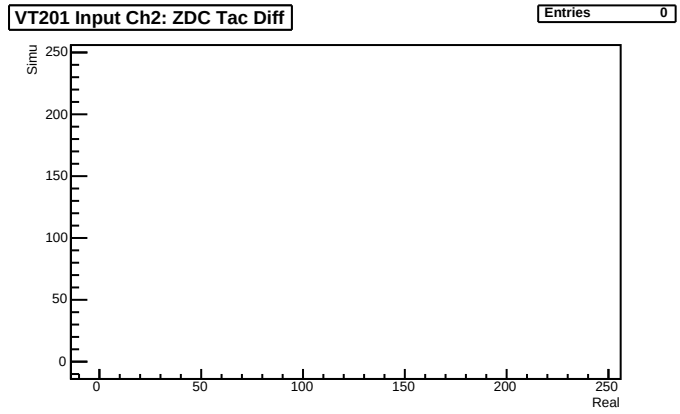

VT201 Input Ch1: EPD Tac Diff
Entries 316429
Tac

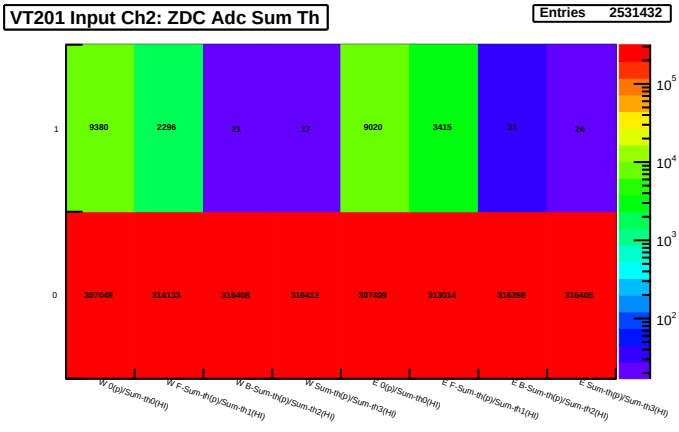

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

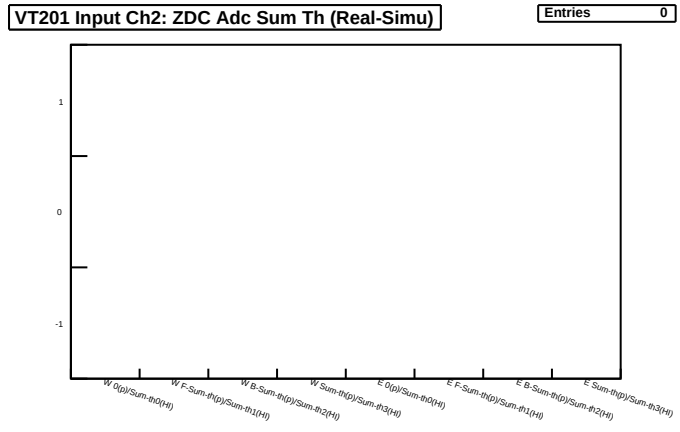

VT201 Input Ch1: EPD Hit Count Th
Entries 632858
311508
310822
4921
5607
East
West

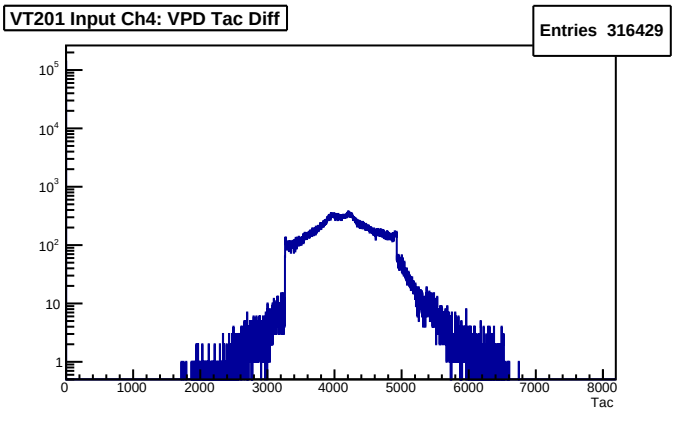

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

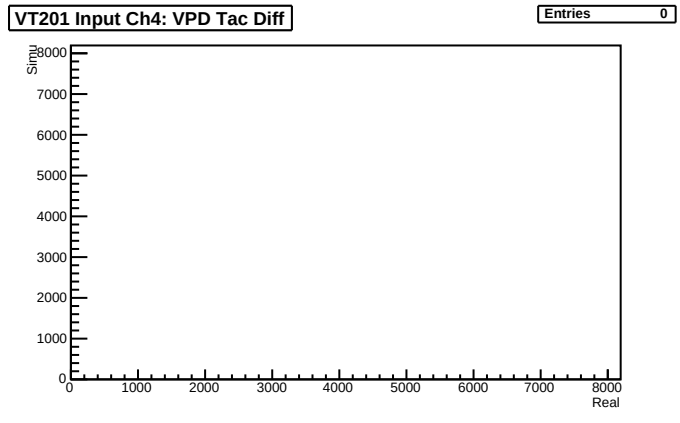

VT201 Input Ch2: ZDC Tac Diff
Entries 316429
Tac

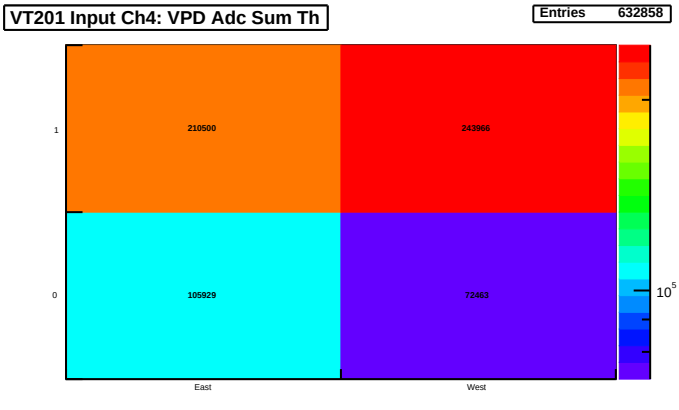

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

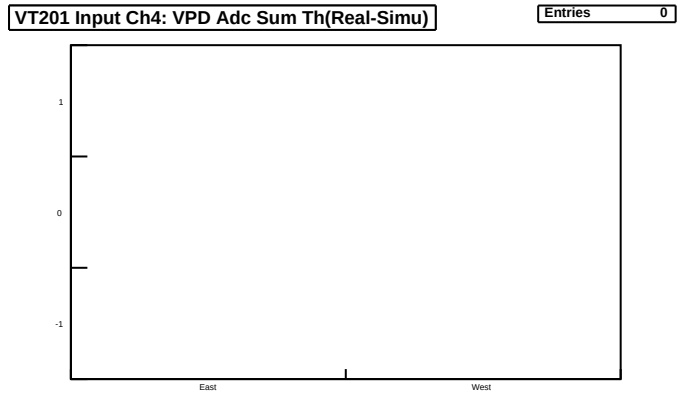

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2531432
9380
2296
21
17
9020
3415
31
24
307049
314133
316408
316412
307409
313014
316398
316405
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

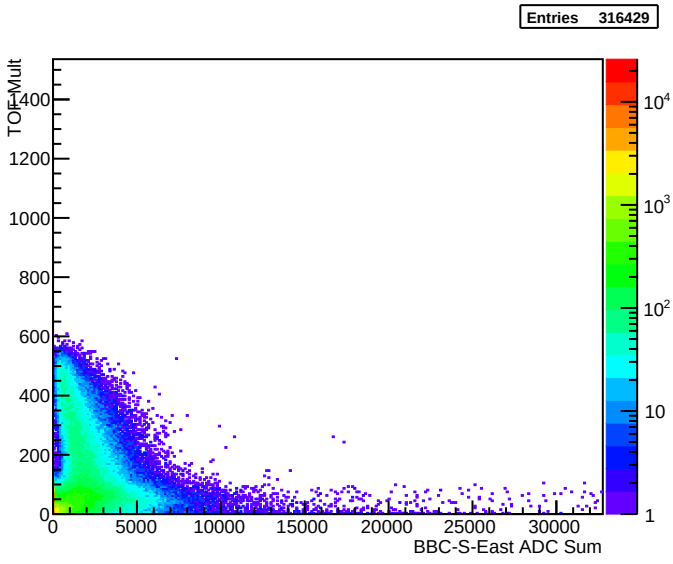

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

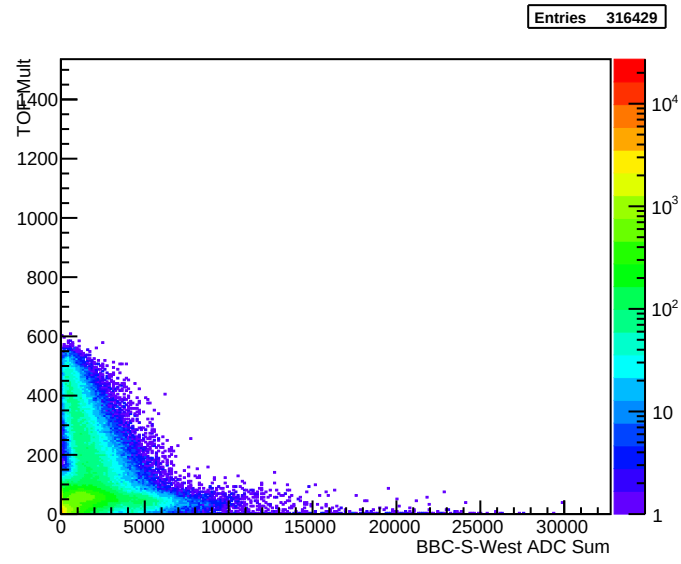

VT201 Input Ch4: VPD Tac Diff
Entries 316429
Tac

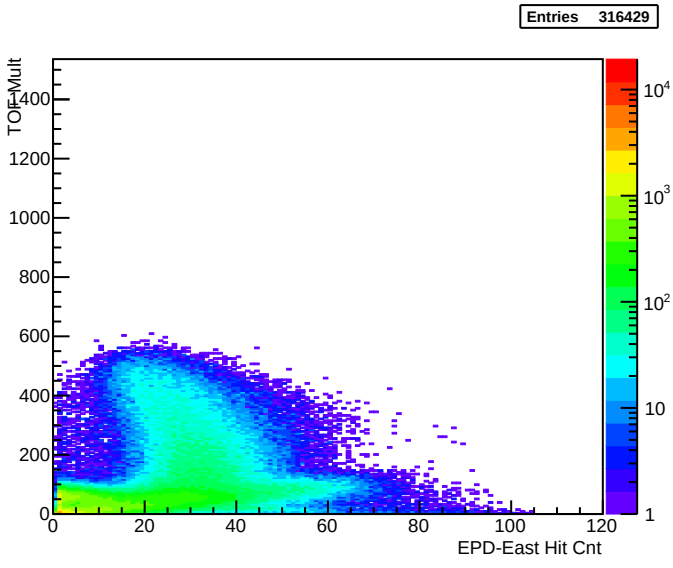

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

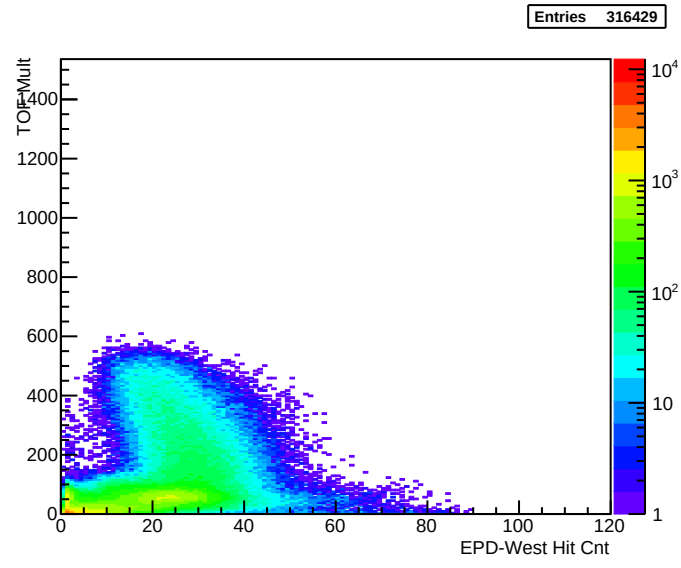

VT201 Input Ch4: VPD Adc Sum Th
Entries 632858
210500
243966
105929
72463
East
West

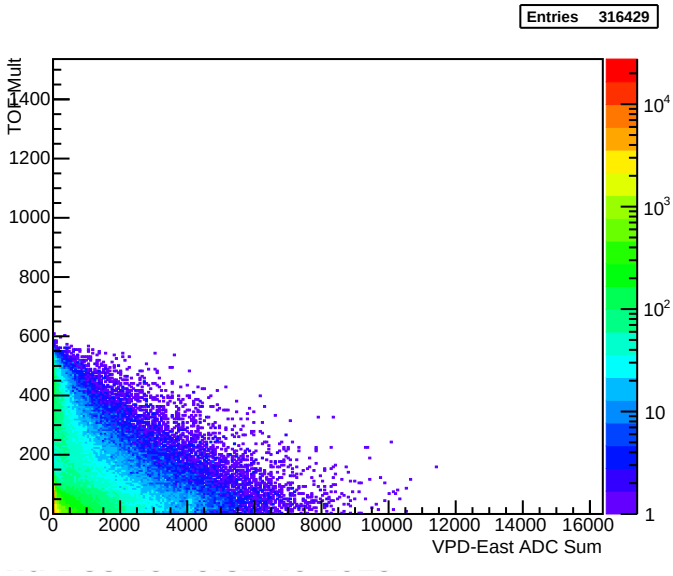

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

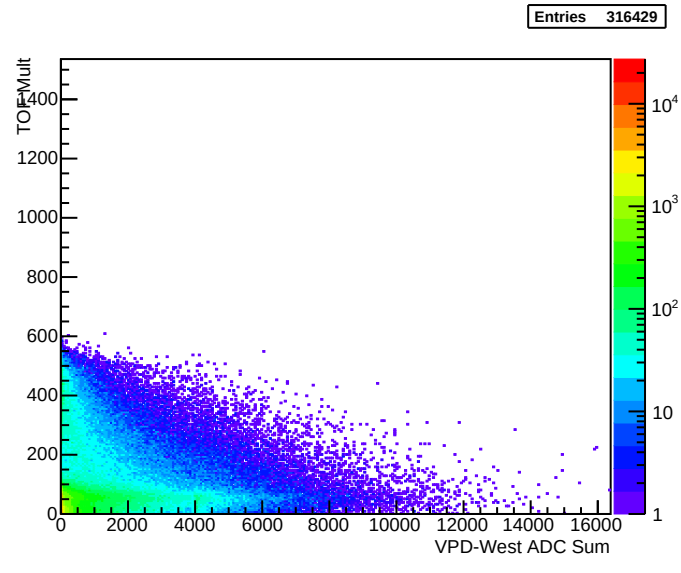

Entries 316429
TOF-Mult
BBC-S-East ADC Sum

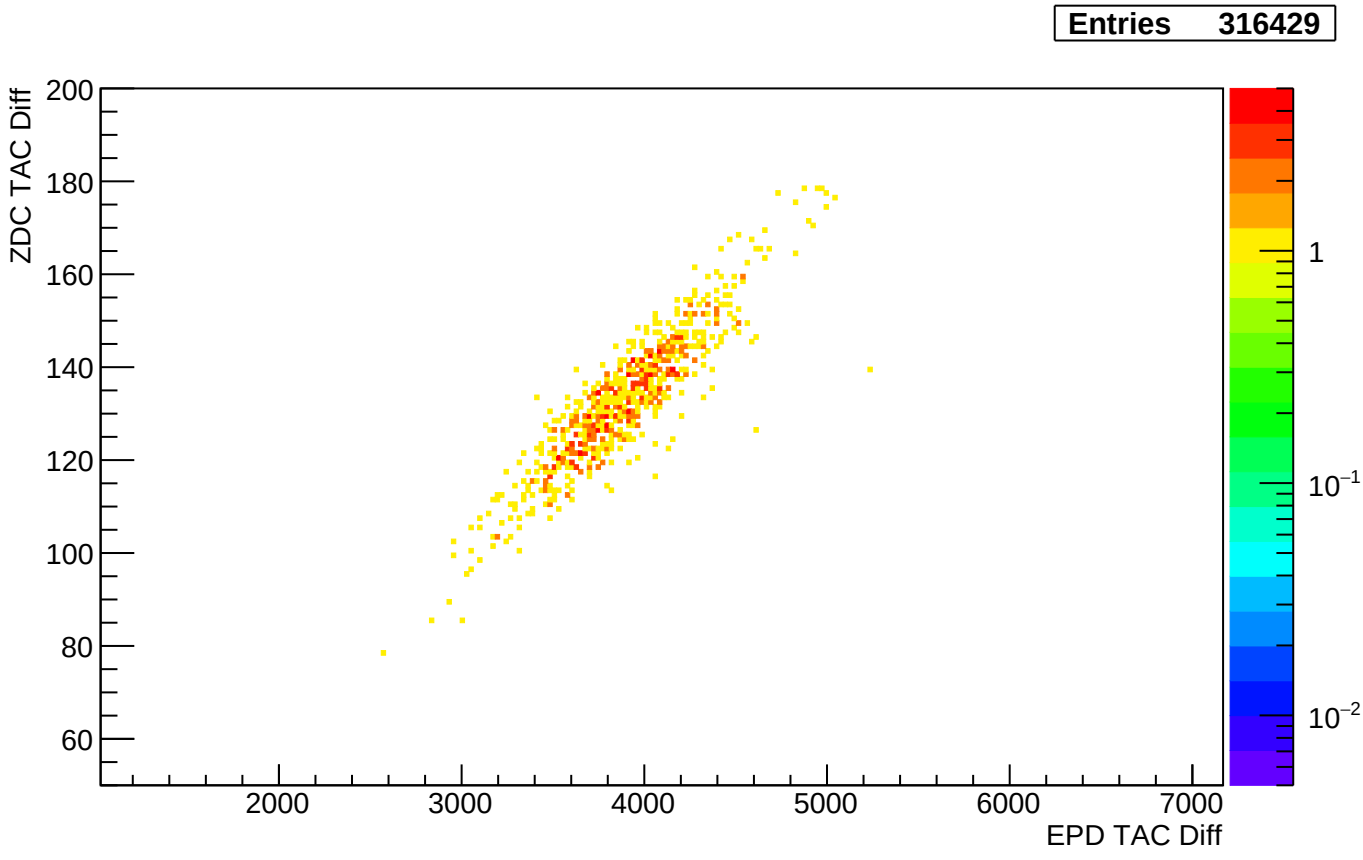

Entries 316429
TOF-Mult
BBC-S-West ADC Sum

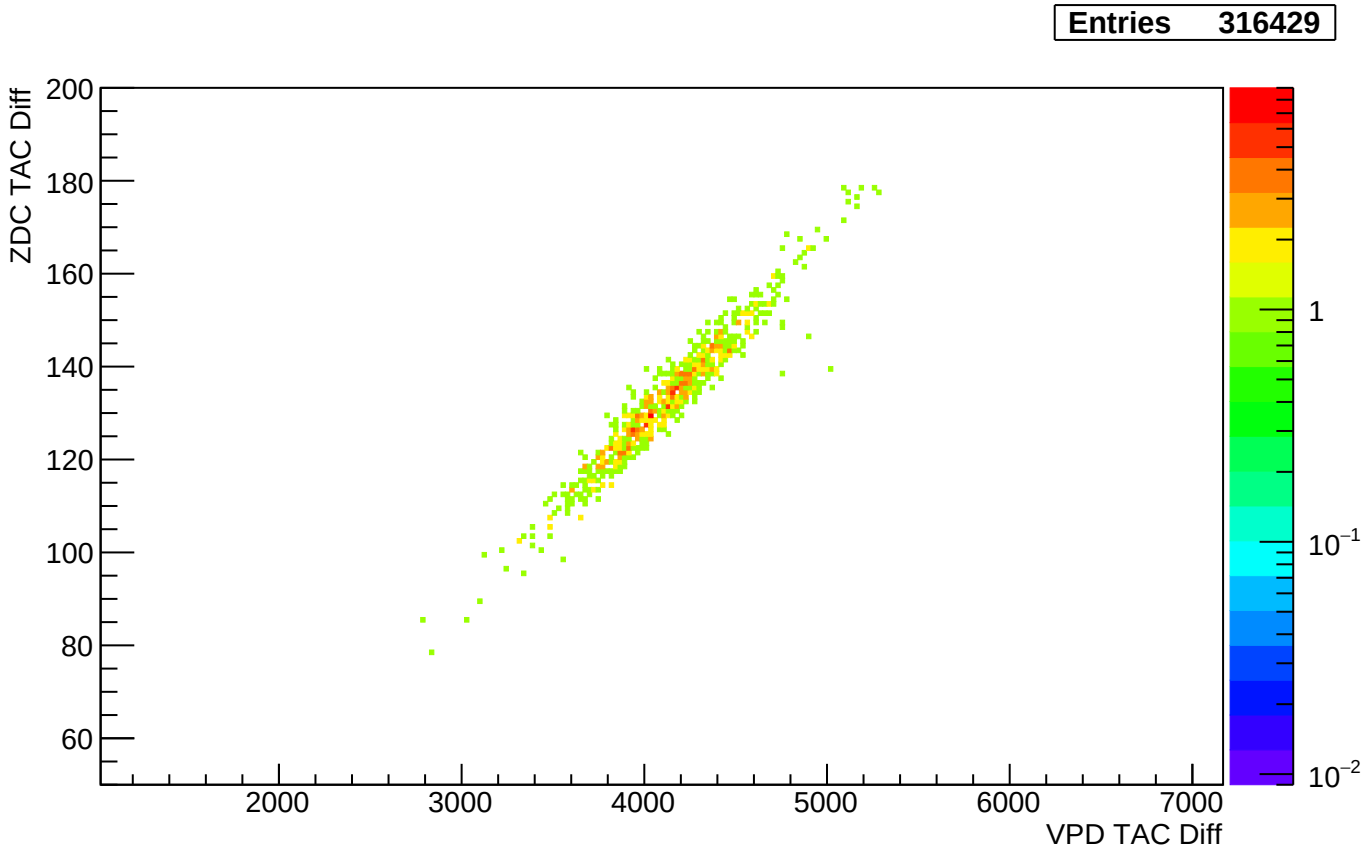

Entries 316429
TOF-Mult
EPD-East Hit Cnt

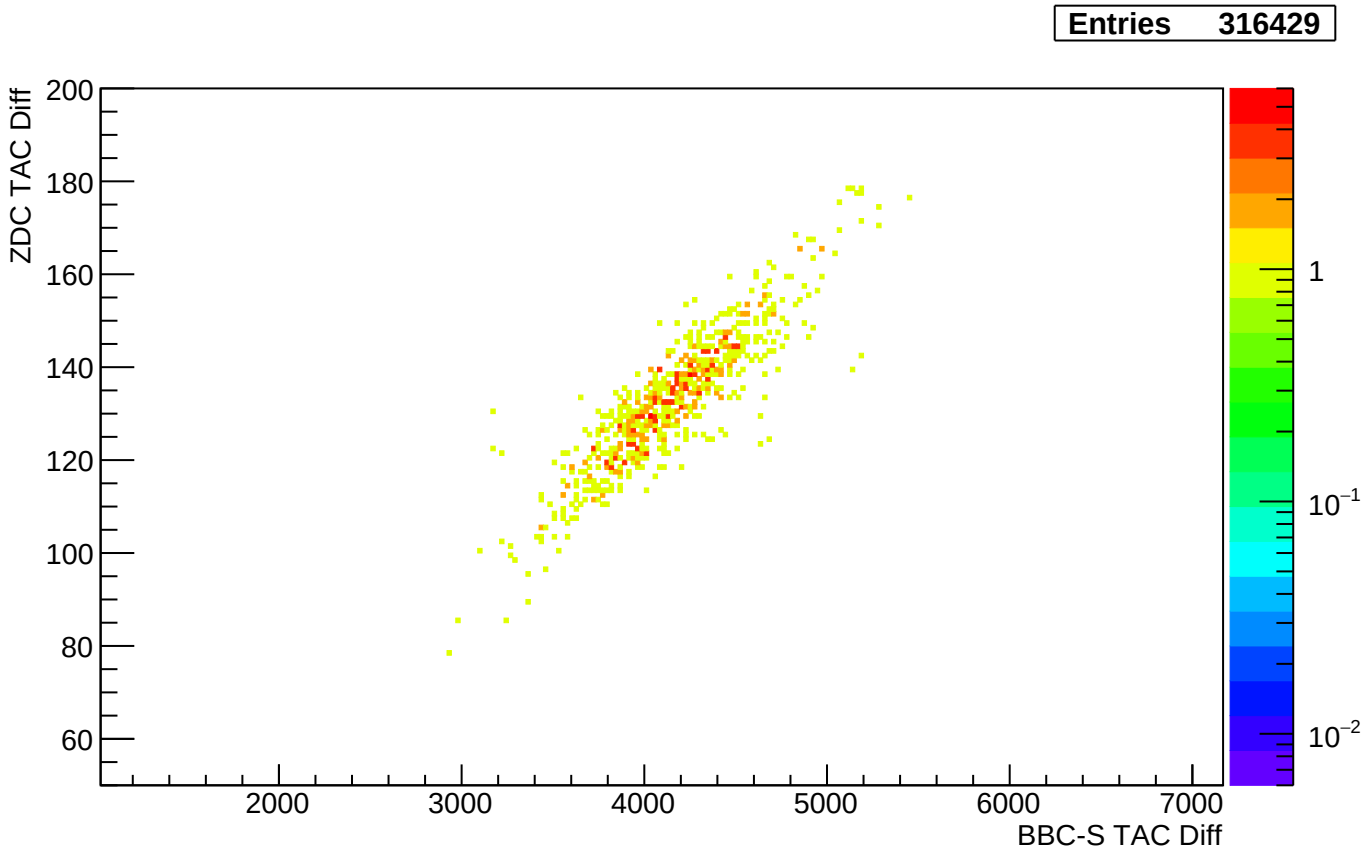

Entries 316429
TOF-Mult
EPD-West Hit Cnt

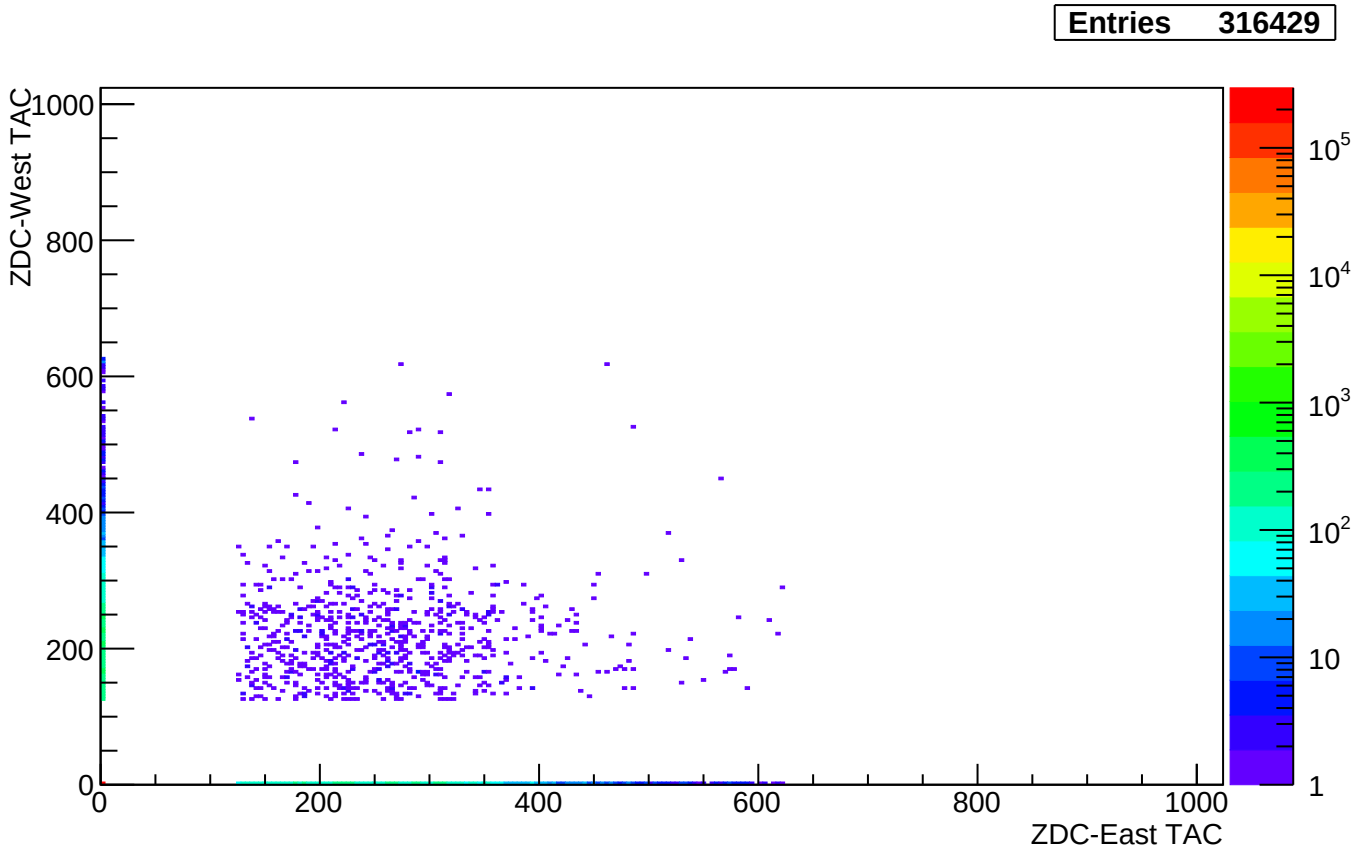

Entries 316429
TOF-Mult
VPD-East ADC Sum

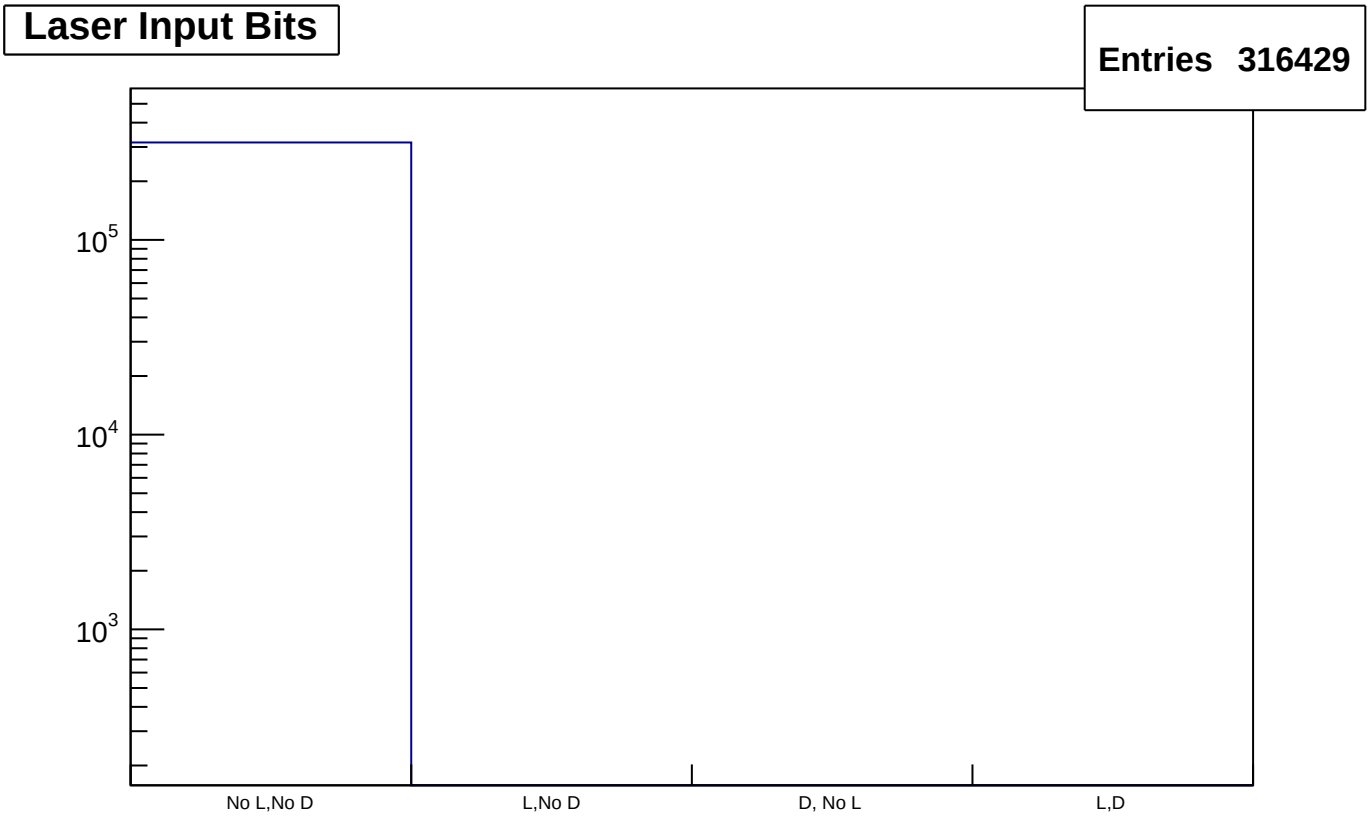

Entries 316429
TOF-Mult
VPD-West ADC Sum

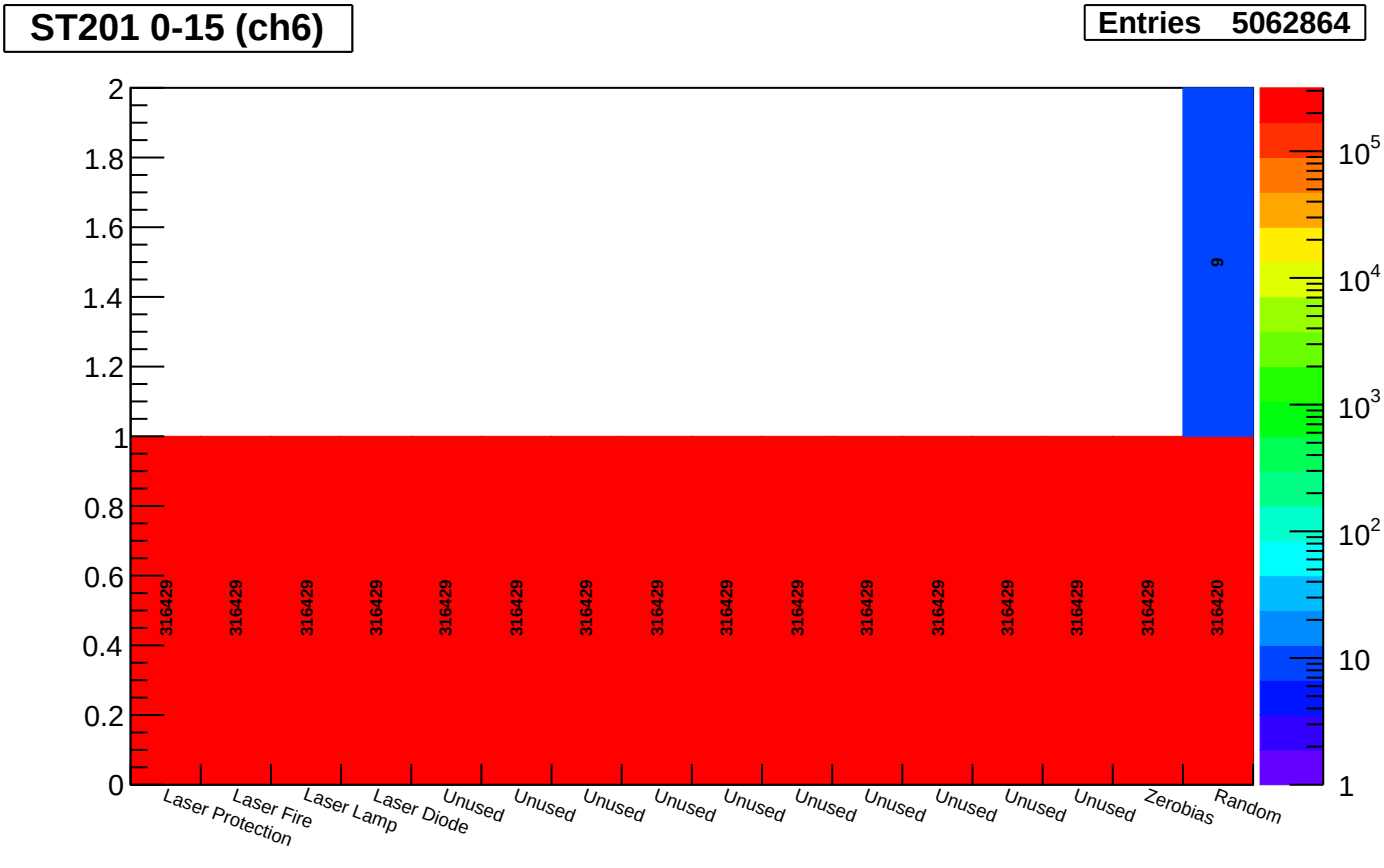

Entries 316429
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

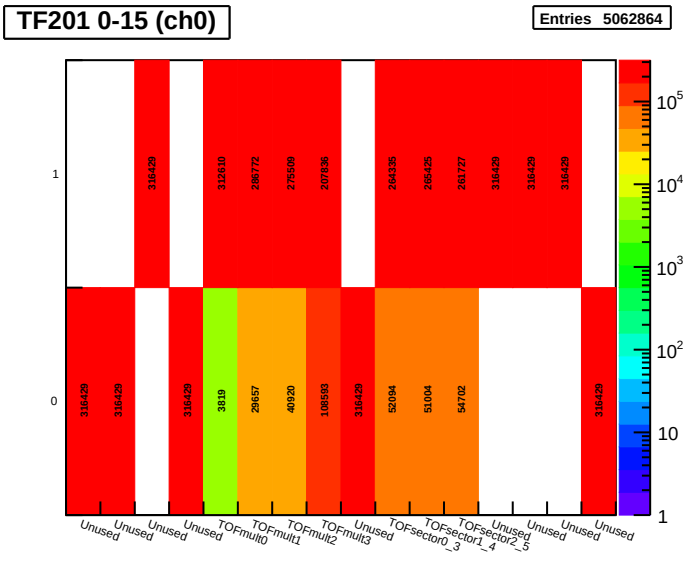

Entries 316429
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

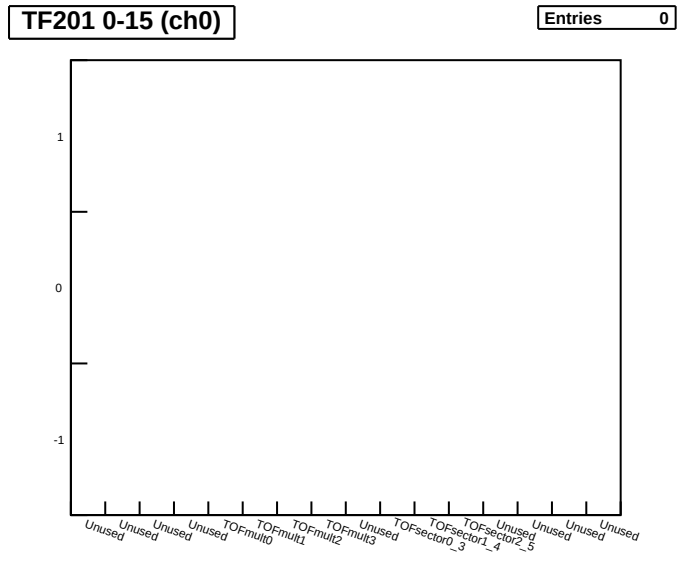

Entries 316429
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

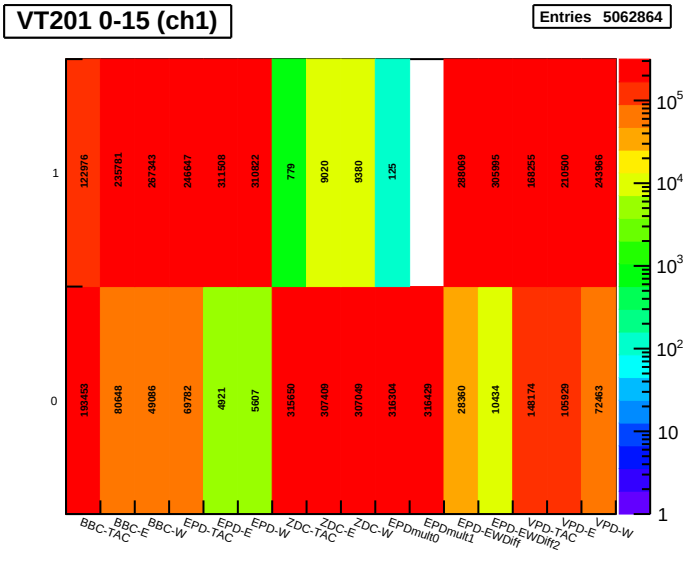

Entries 316429
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

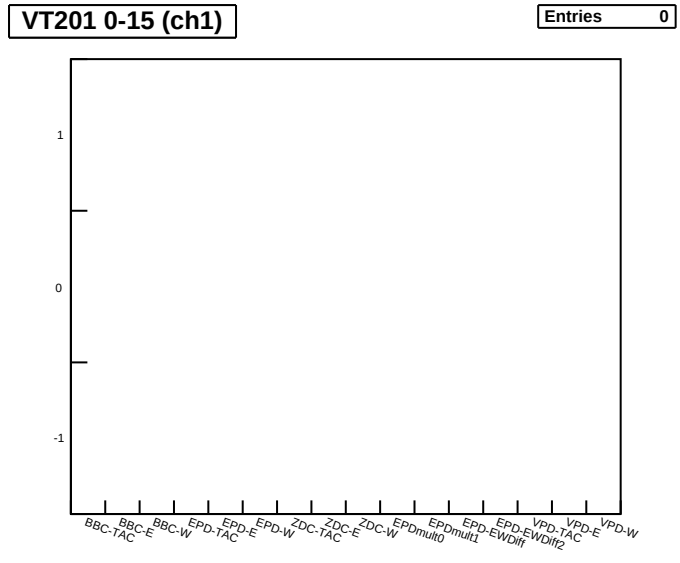

Laser Input Bits
Entries 316429
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

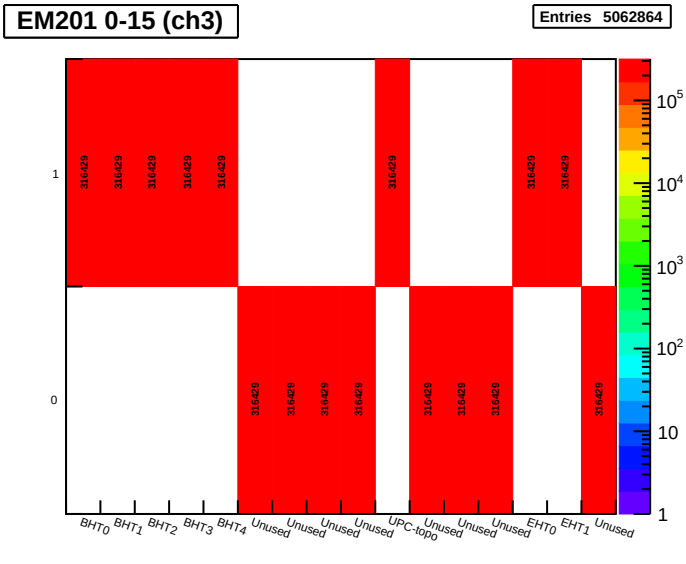

ST201 0-15 (ch6)
Entries 5062864
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
316429
316429
316429
316429
316429
316429
316429
316429
316429
316429
316429
316429
316429
316429
316429
316420
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

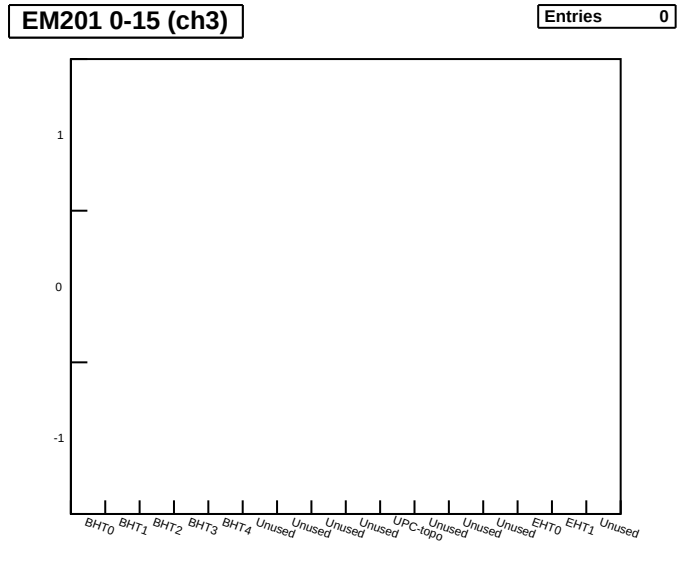

TF201 0-15 (ch0)
Entries 5062864
1
0
316429 316429 316429 3819 29657 40920 108593 316429 52094 51004 54702 316429
316429 312610 286772 275509 207836 264335 265425 261727 316429 316429 316429
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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


VT201 0-15 (ch1)
Entries 5062864
1
0
122976 235781 267343 246647 311508 310822 779 9020 9380 125 288069 305995 168255 210500 243966
139453 80648 49086 69782 4921 5607 315650 307409 307049 316304 316429 28360 10434 148174 105929 72463
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
1 10 10^2 10^3 10^4 10^5


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


EM201 0-15 (ch3)
Entries 5062864
1
0
316429 316429 316429 316429 316429 316429 316429 316429 316429 316429 316429 316429 316429 316429 316429 316429 316429
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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