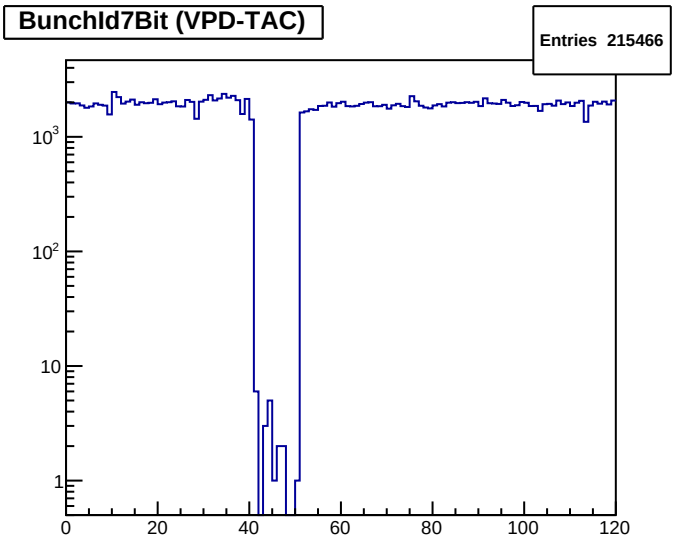
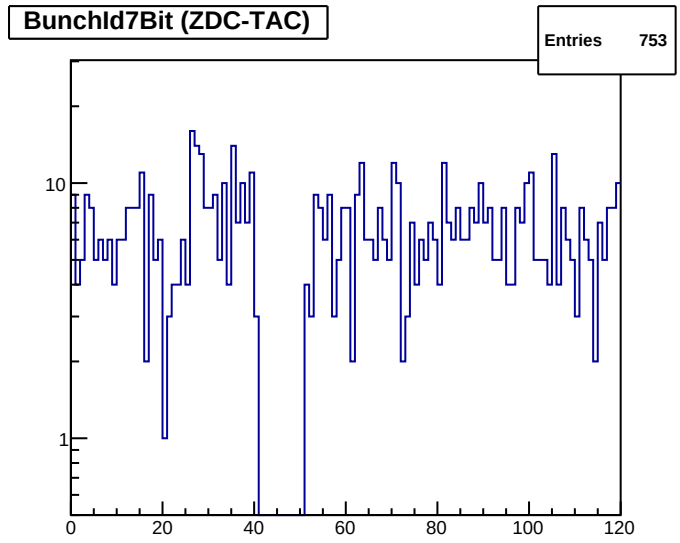
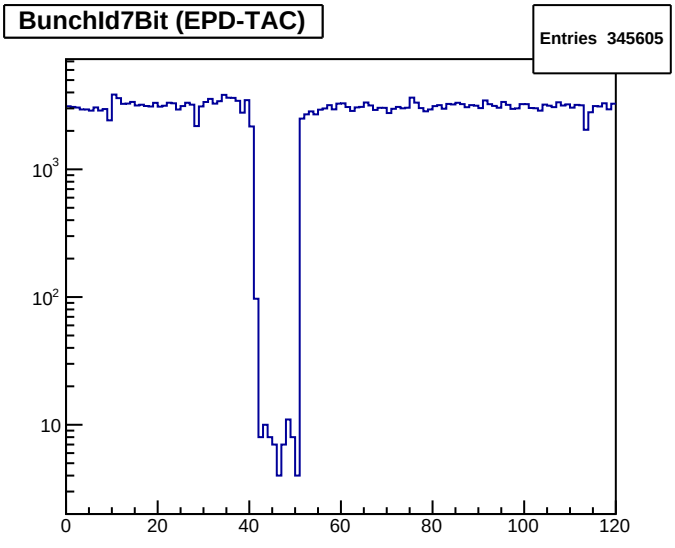
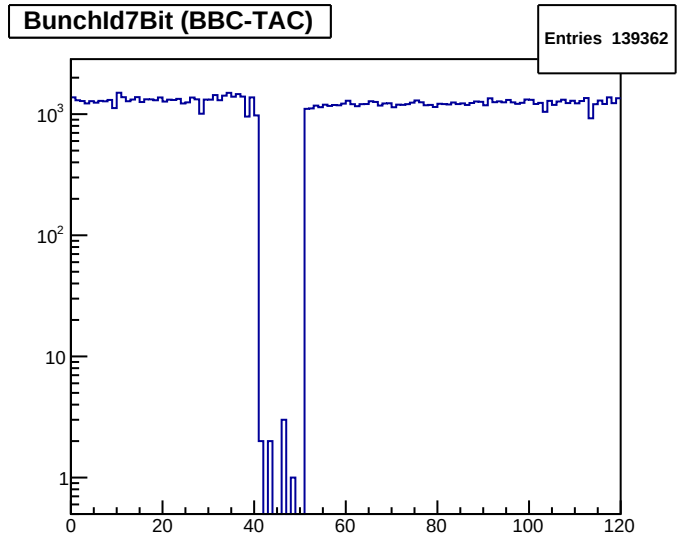
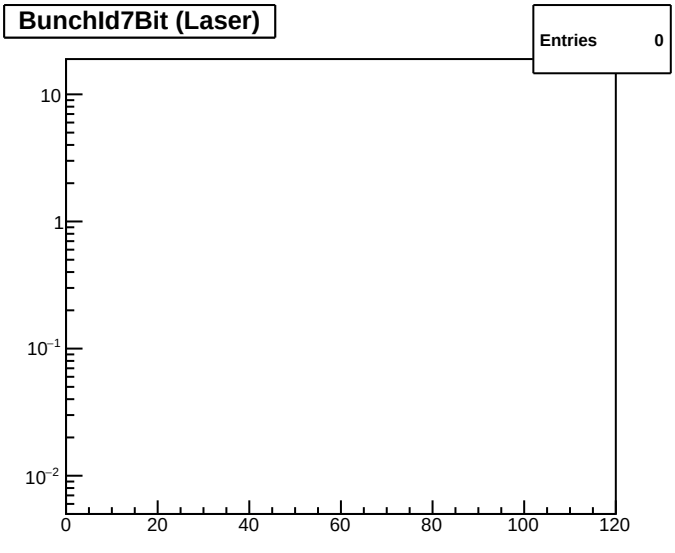
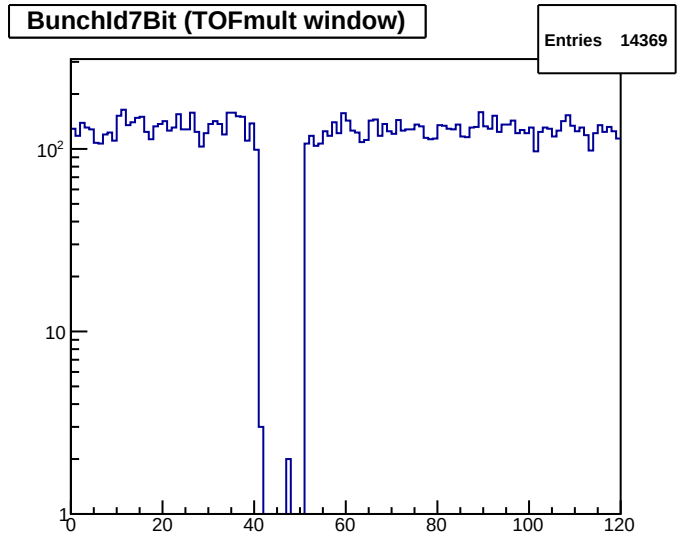

BunchId7Bit (VPD-TAC)
Entries 215466

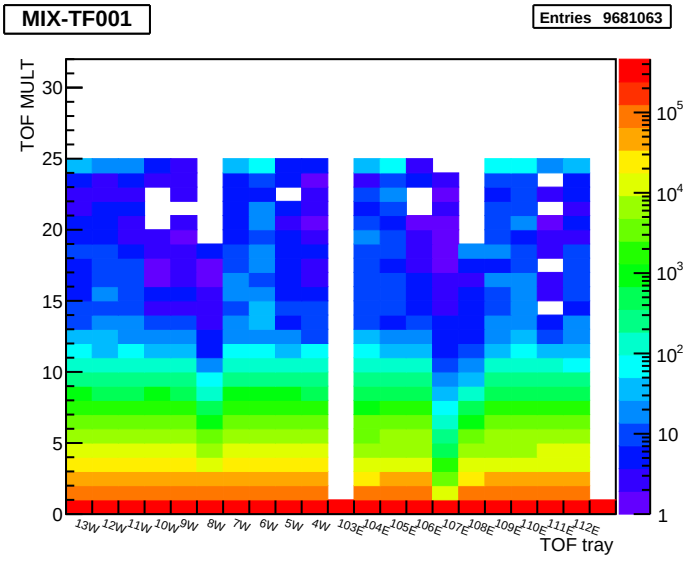

BunchId7Bit (ZDC-TAC)
Entries 753

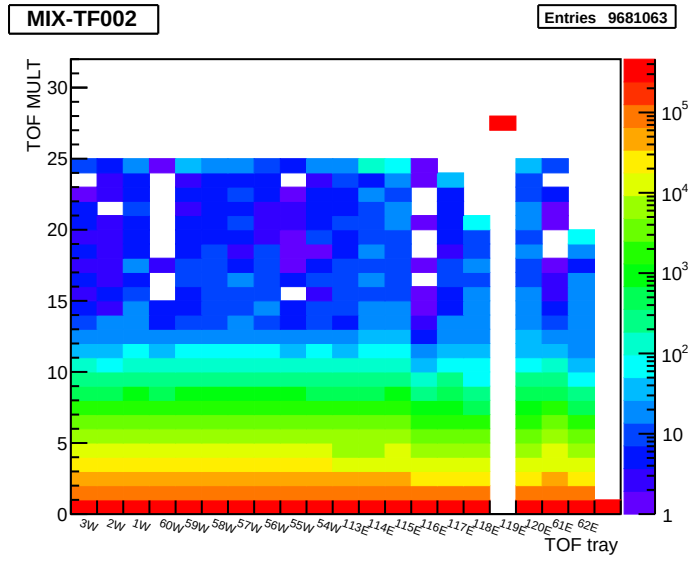

BunchId7Bit (EPD-TAC)
Entries 345605

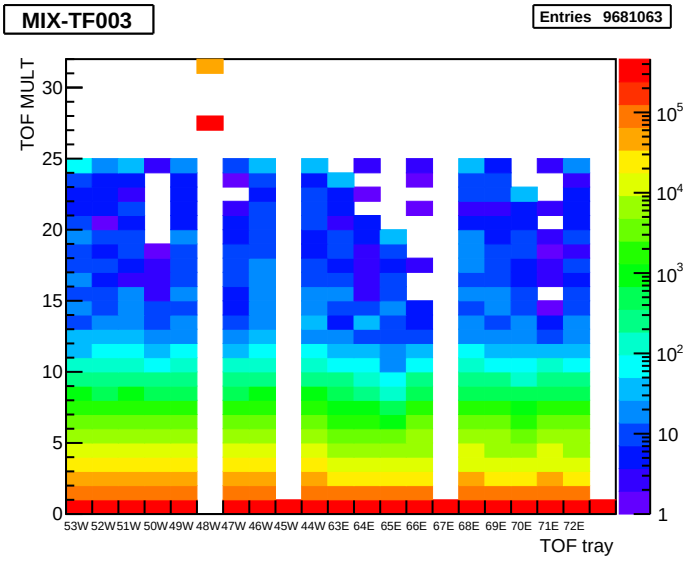

BunchId7Bit (BBC-TAC)
Entries 139362

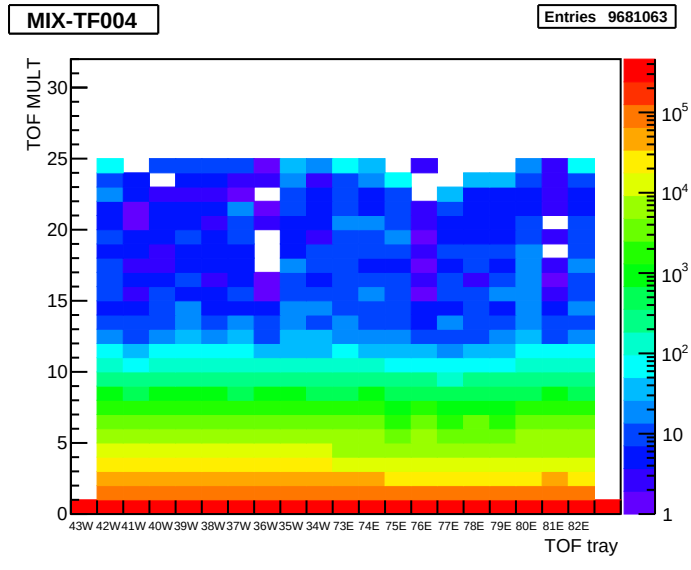

BunchId7Bit (Laser)
Entries 0

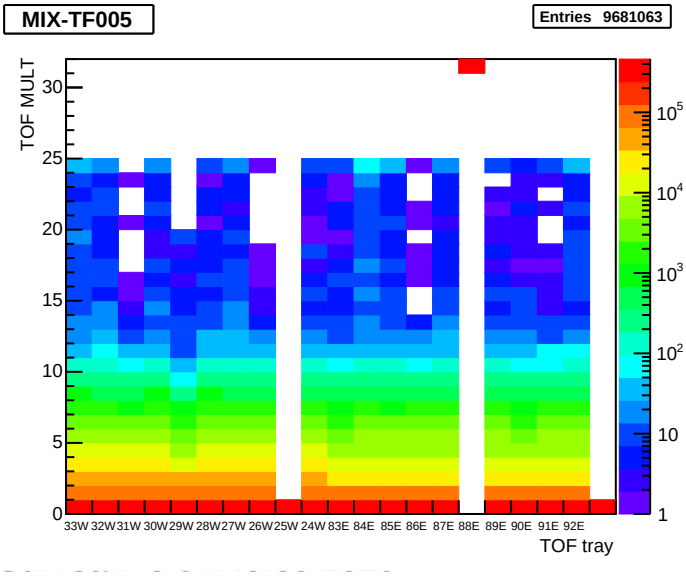

BunchId7Bit (TOFmult window)
Entries 14369

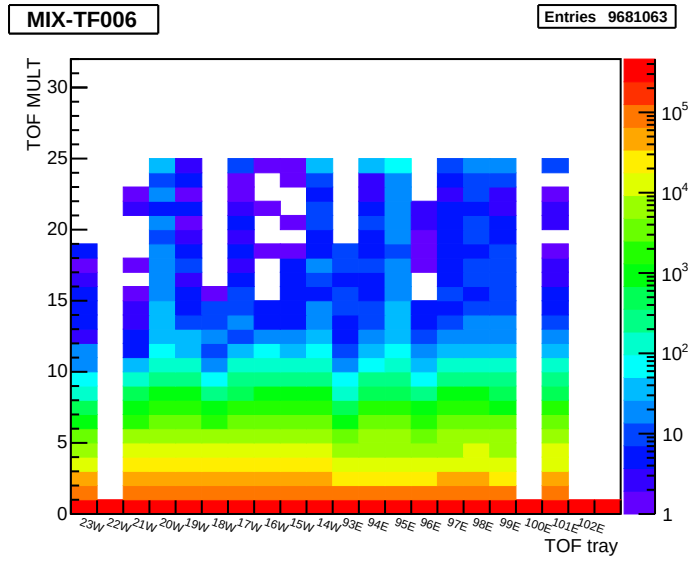

MIX-TF001
Entries 9681063
TOF MULT
TOF tray

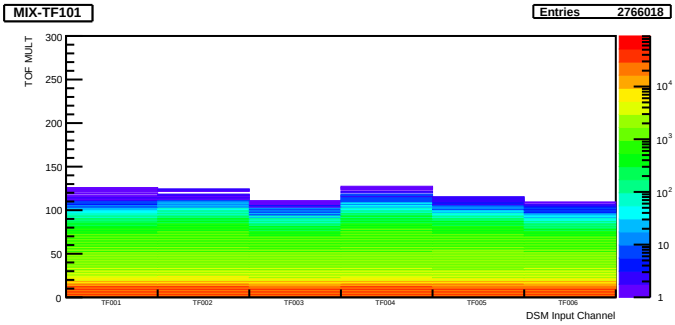

MIX-TF002
Entries 9681063
TOF MULT
TOF tray

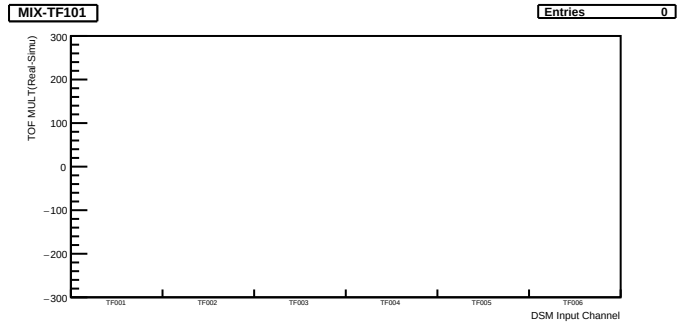

MIX-TF003
Entries 9681063
TOF MULT
TOF tray

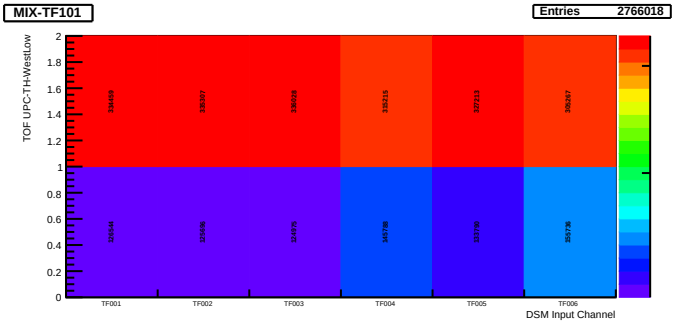

MIX-TF004
Entries 9681063
TOF MULT
TOF tray

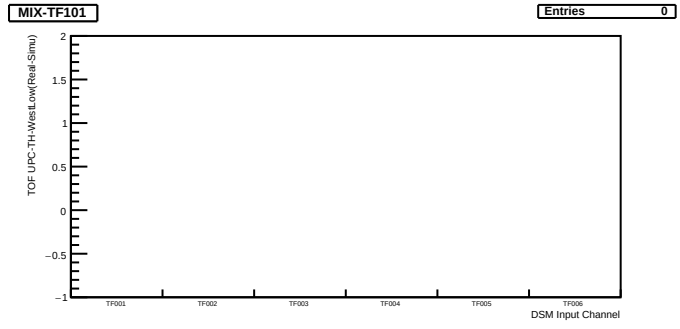

MIX-TF005
Entries 9681063
TOF MULT
TOF tray

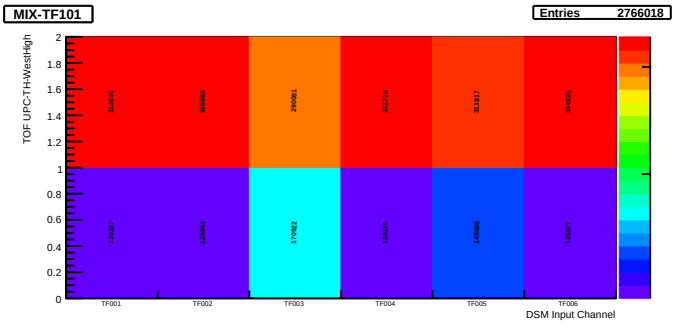

MIX-TF006
Entries 9681063
TOF MULT
TOF tray

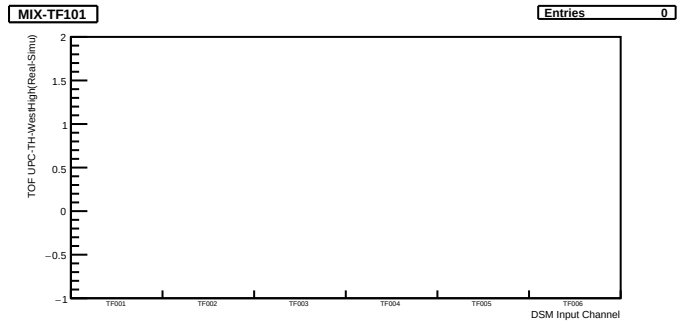

MIX-TF101
Entries 2766018
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

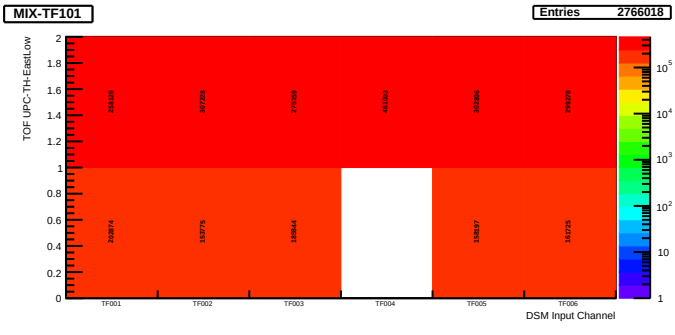

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

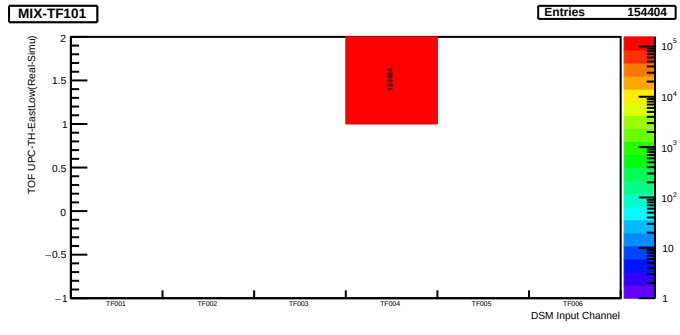

MIX-TF101
Entries 2766018
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

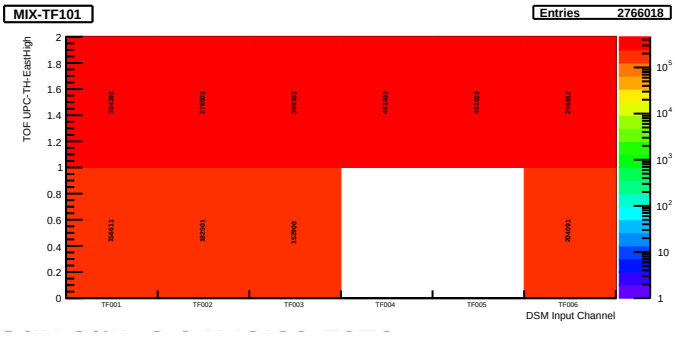

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

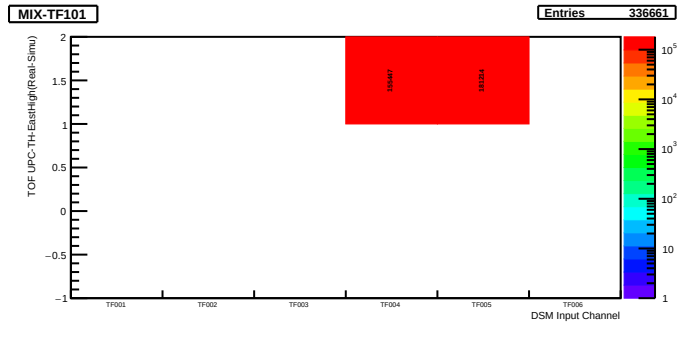

MIX-TF101
Entries 2766018
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

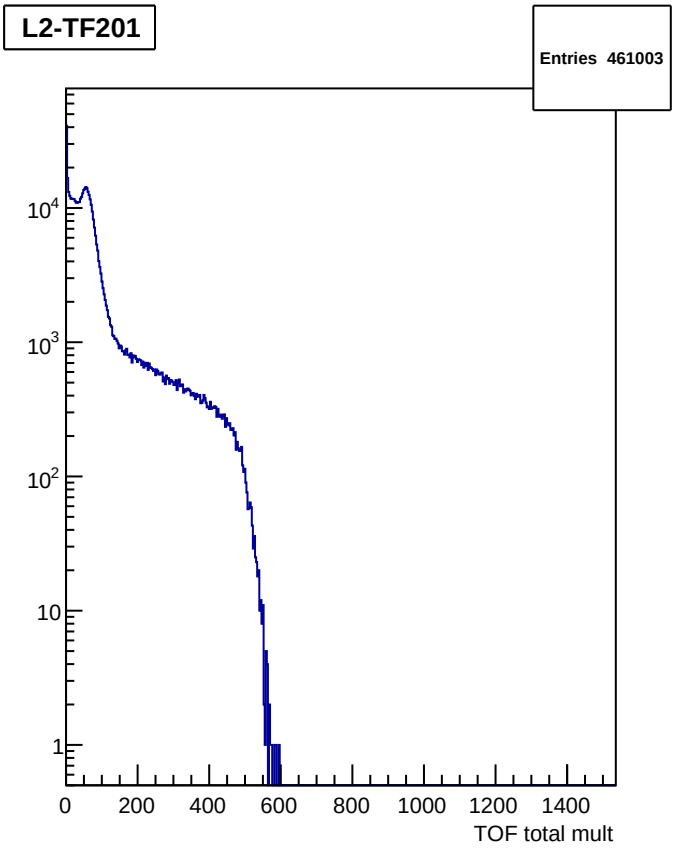

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

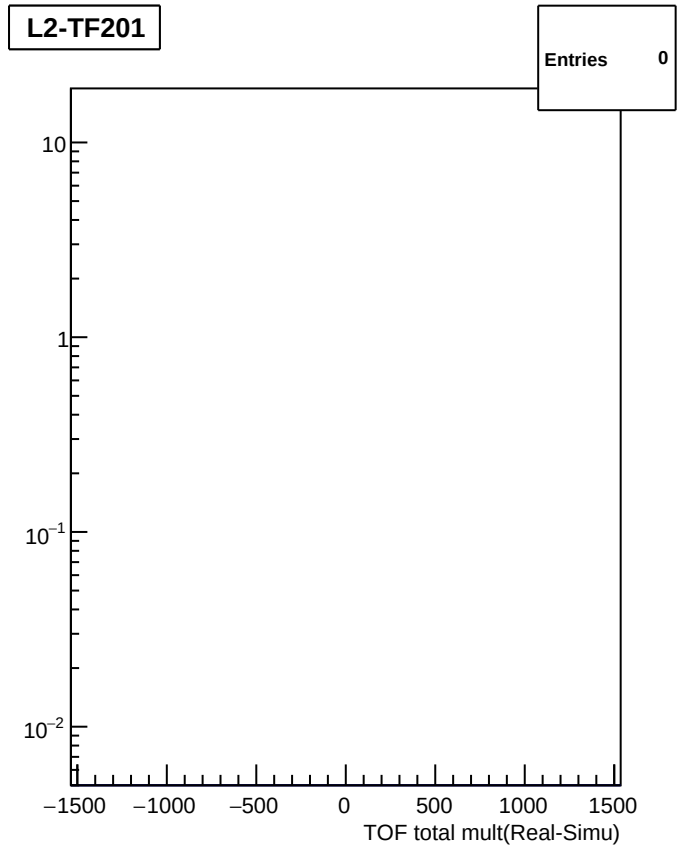

MIX-TF101
Entries 2766018
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

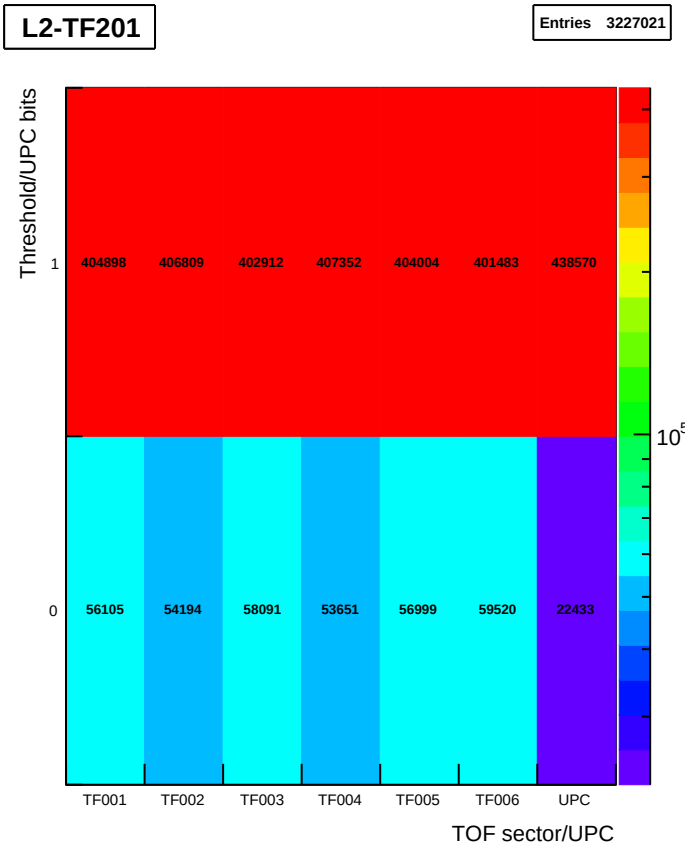

MIX-TF101
Entries 154404
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

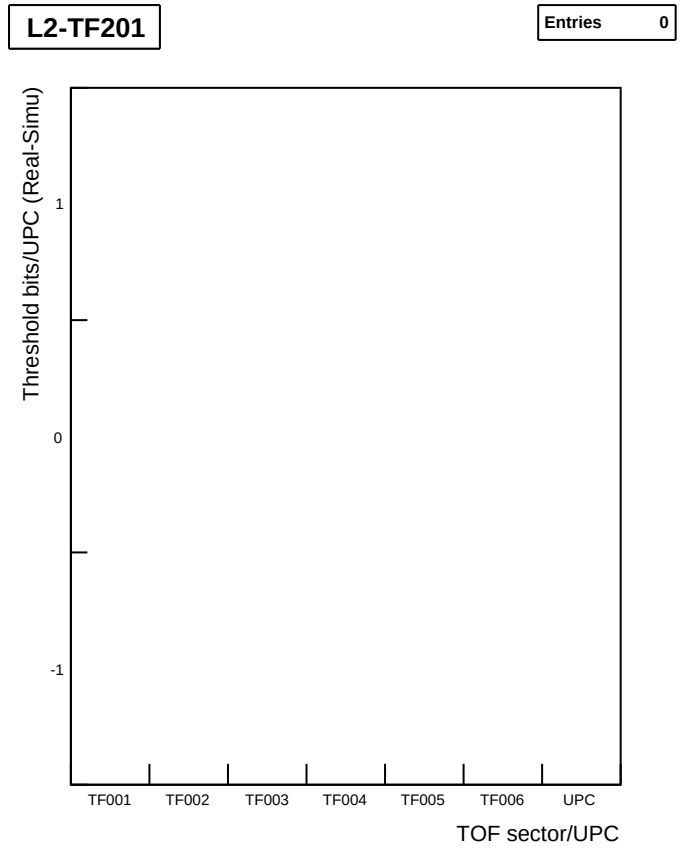

MIX-TF101
Entries 2766018
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

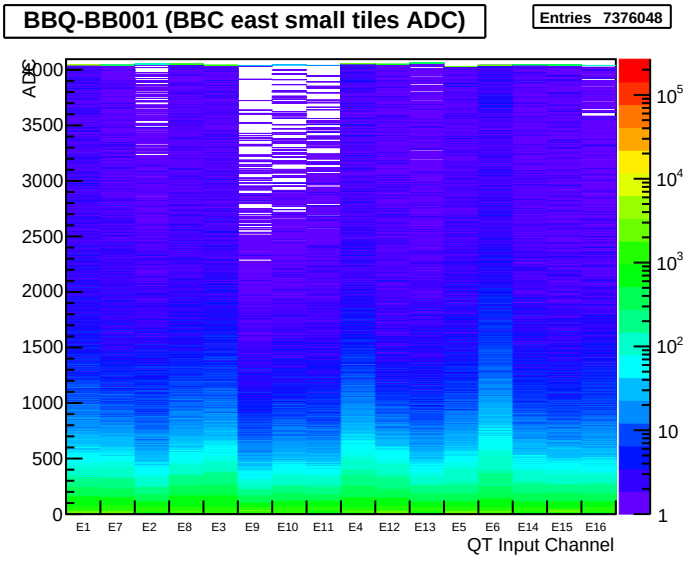

MIX-TF101
Entries 336661
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

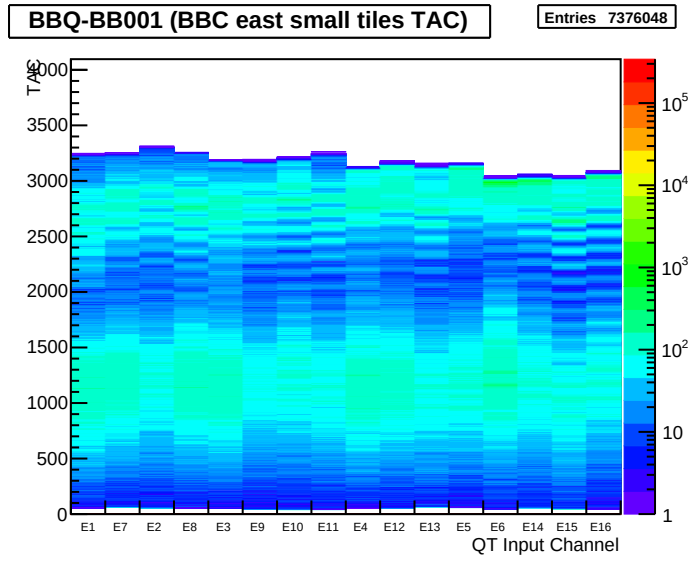

L2-TF201
Entries 461003
TOF total mult

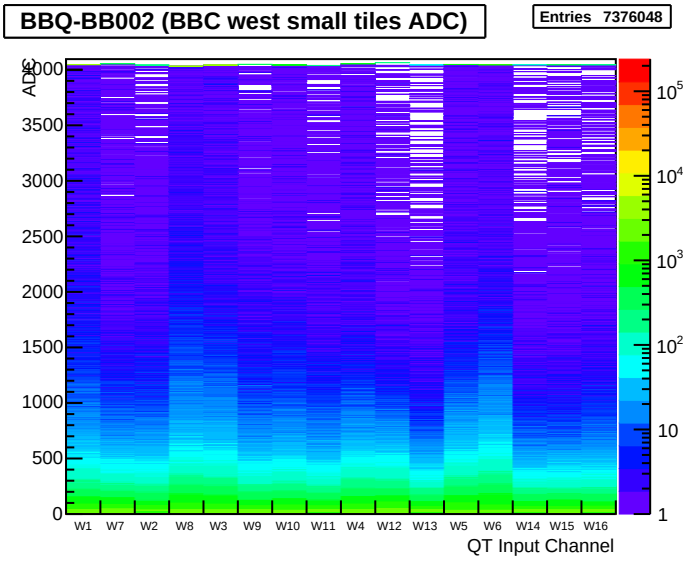

L2-TF201
Entries 0
TOF total mult(Real-Simu)

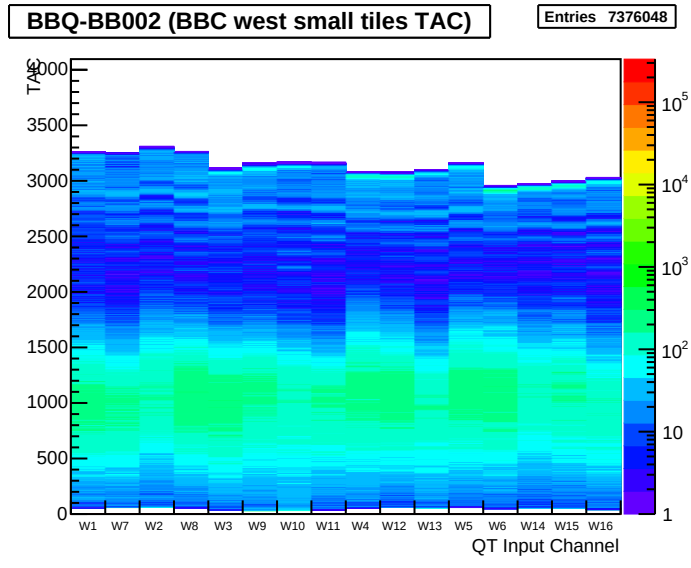

L2-TF201
Entries 3227021
Threshold/UPC bits
404898
406809
402912
407352
404004
401483
438570
56105
54194
58091
53651
56999
59520
22433
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

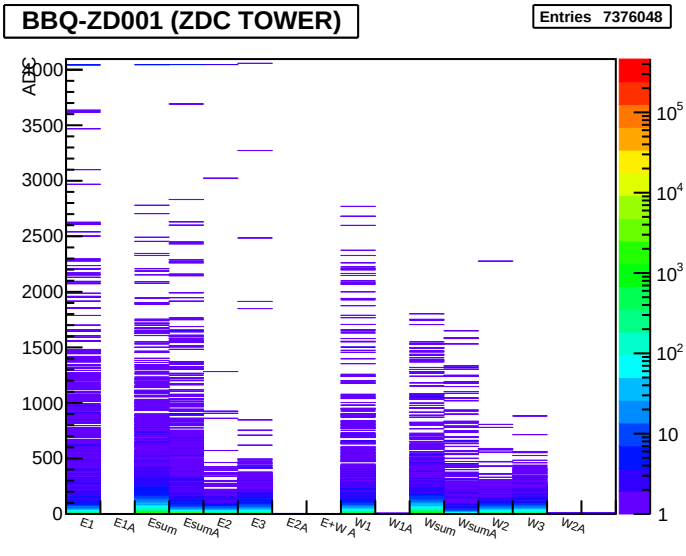

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

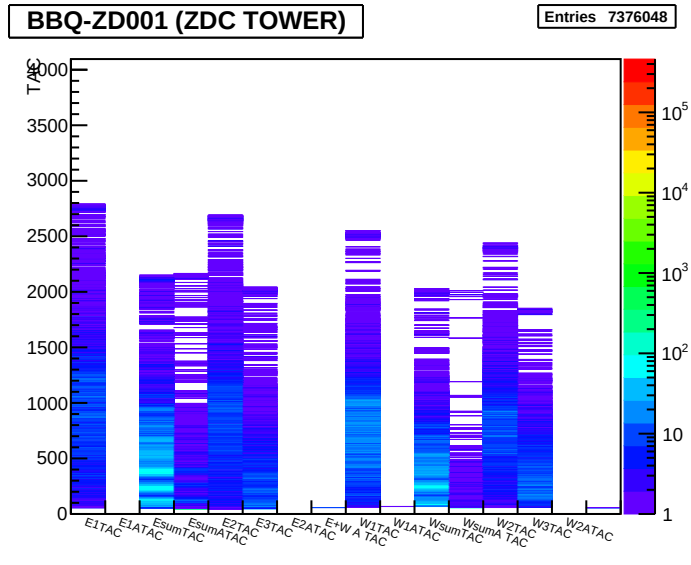

BBQ-BB001 (BBC east small tiles ADC)
Entries 7376048
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

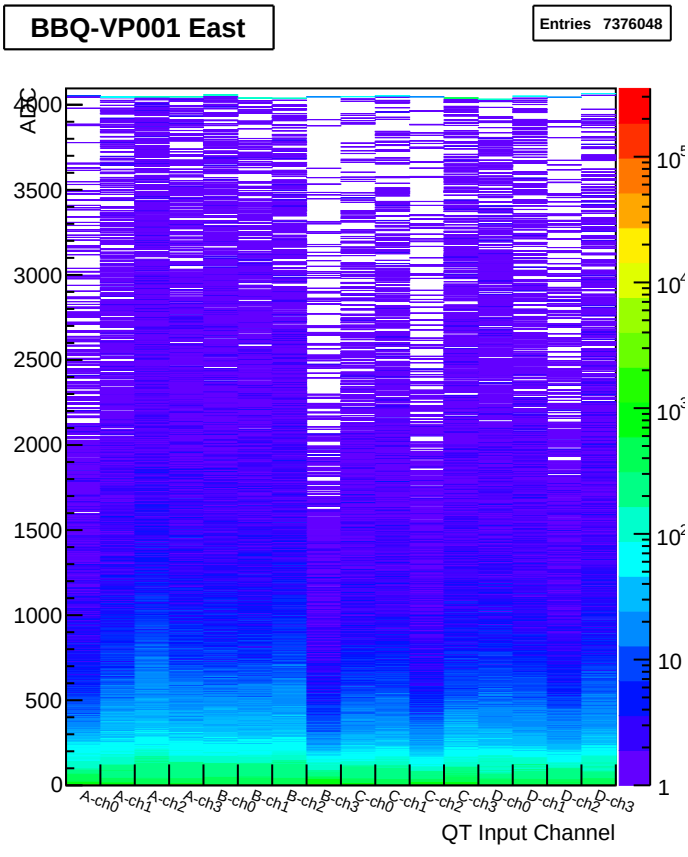

BBQ-BB001 (BBC east small tiles TAC)
Entries 7376048
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

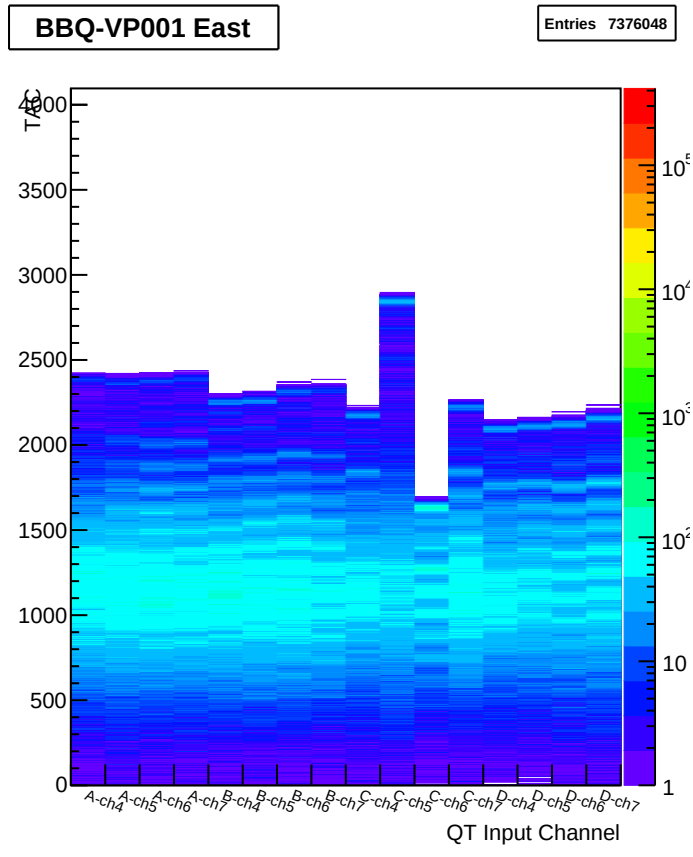

BBQ-BB002 (BBC west small tiles ADC)
Entries 7376048
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

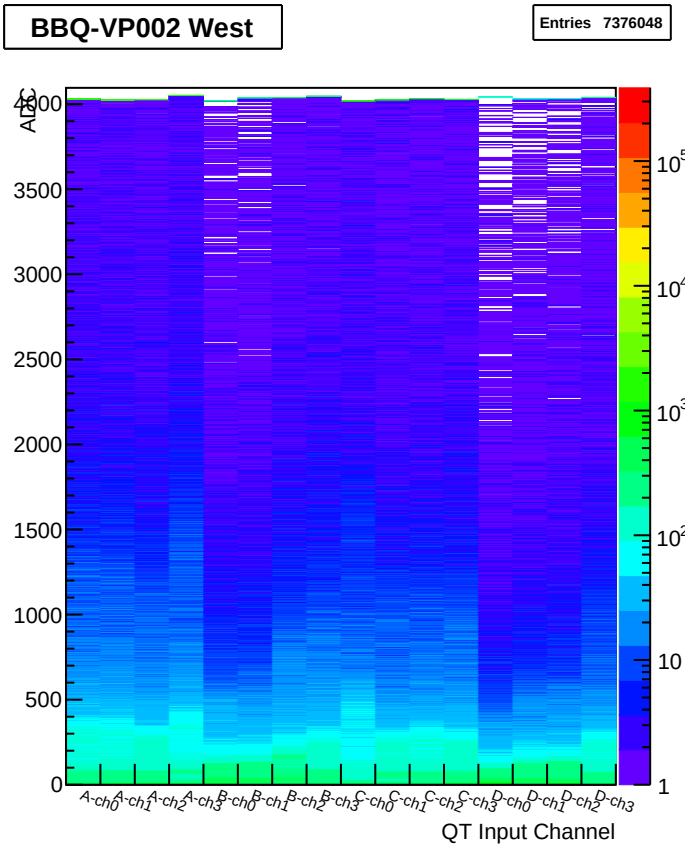

BBQ-BB002 (BBC west small tiles TAC)
Entries 7376048
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

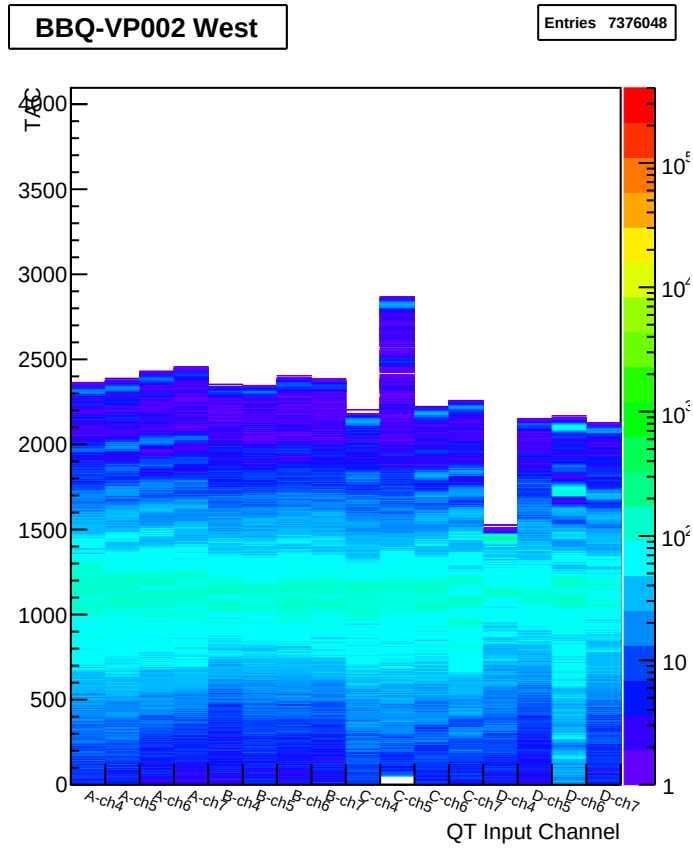

BBQ-ZD001 (ZDC TOWER)
Entries 7376048
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

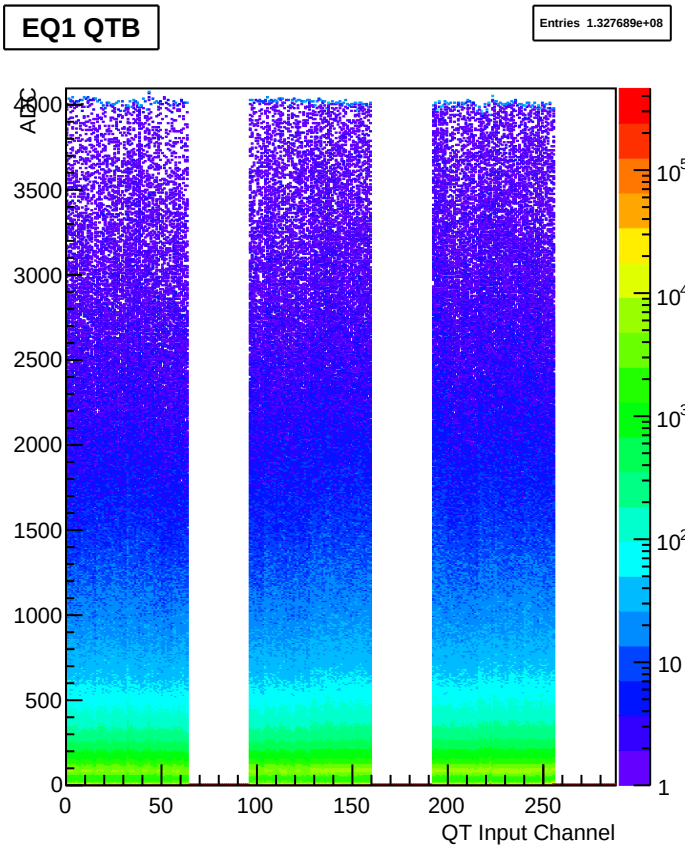

BBQ-ZD001 (ZDC TOWER)
Entries 7376048
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

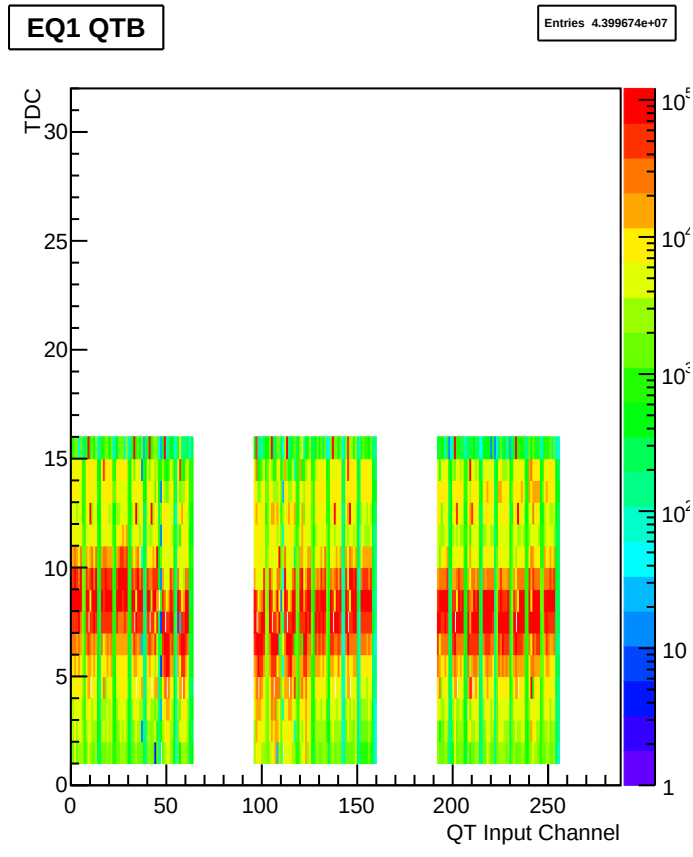

BBQ-VP001 East
Entries 7376048
ADC
QT Input Channel

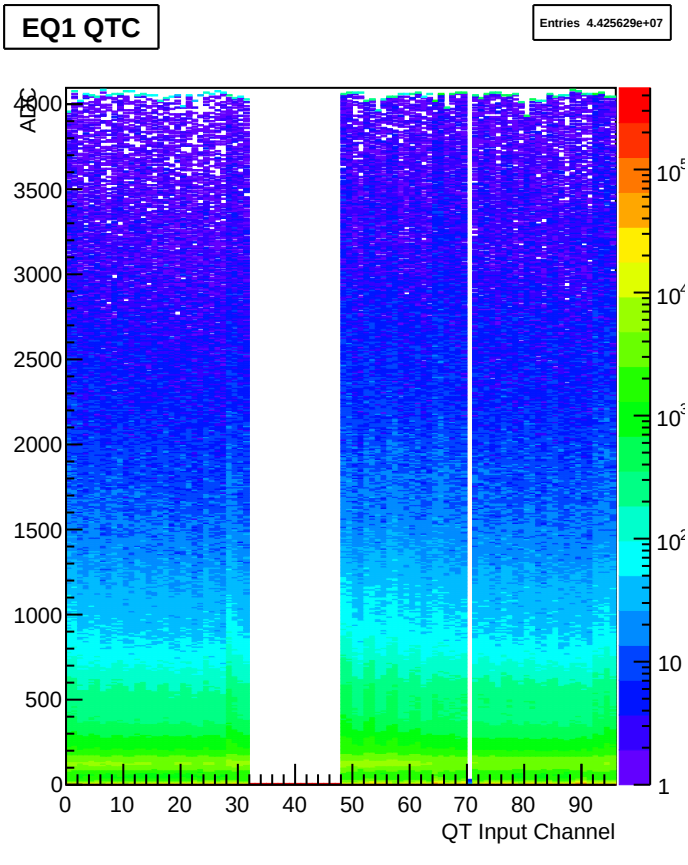

BBQ-VP001 East
Entries 7376048
ADC
QT Input Channel

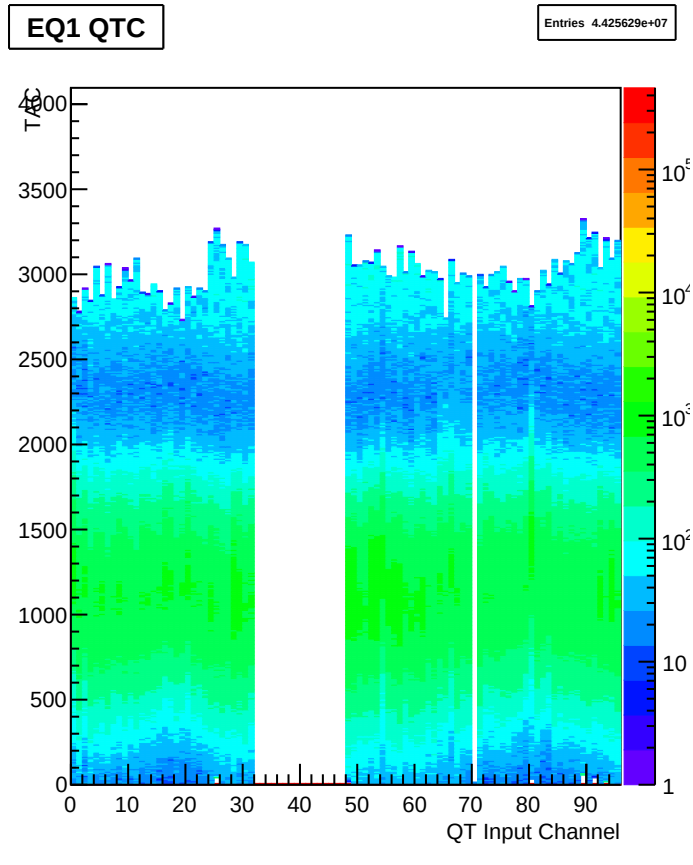

BBQ-VP002 West
Entries 7376048
ADC
QT Input Channel

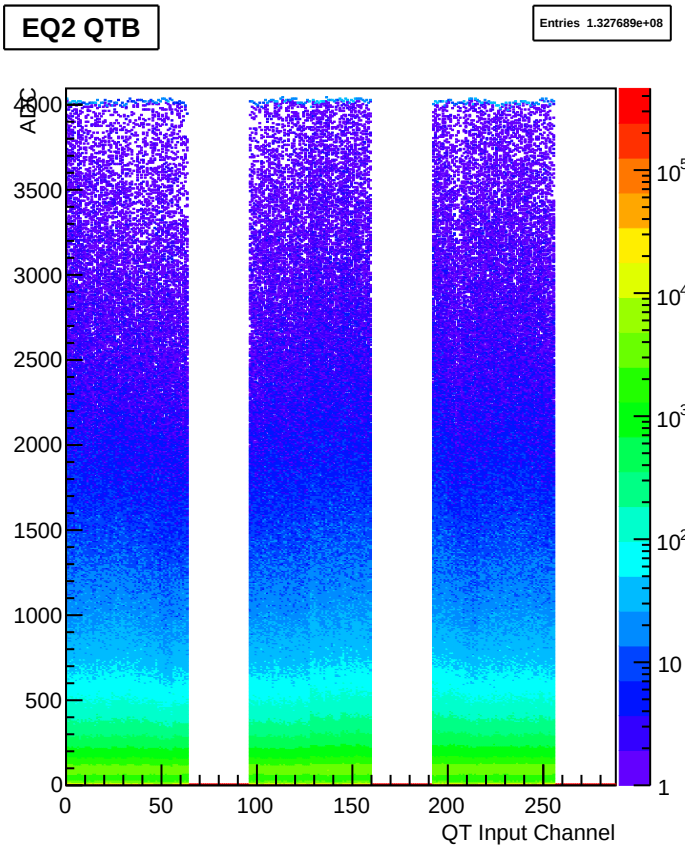

BBQ-VP002 West
Entries 7376048
ADC
QT Input Channel

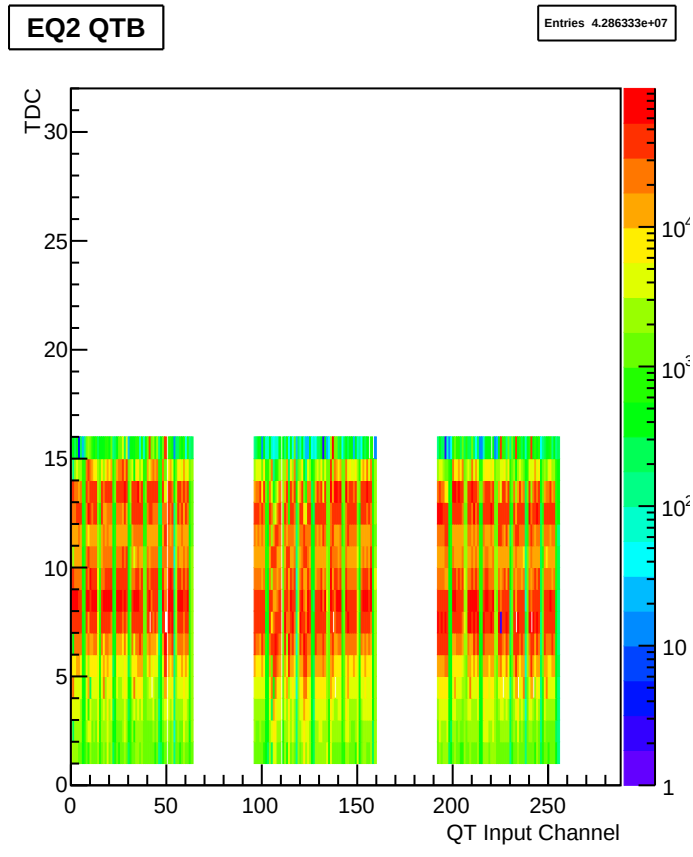

EQ1 QTB
Entries 1.327689e+08
ADC
QT Input Channel

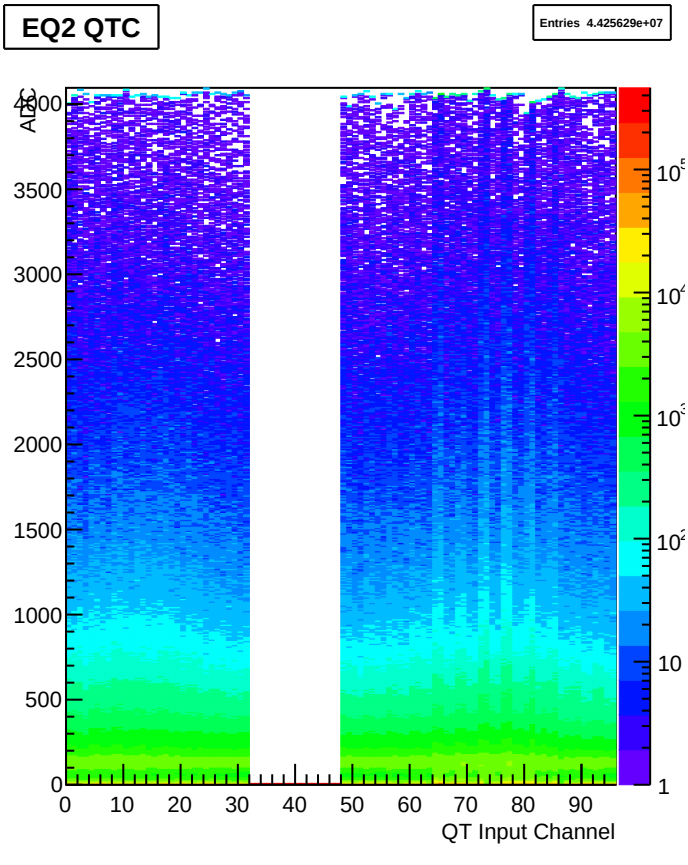

EQ1 QTB
Entries 4.399674e+07
TDC
QT Input Channel

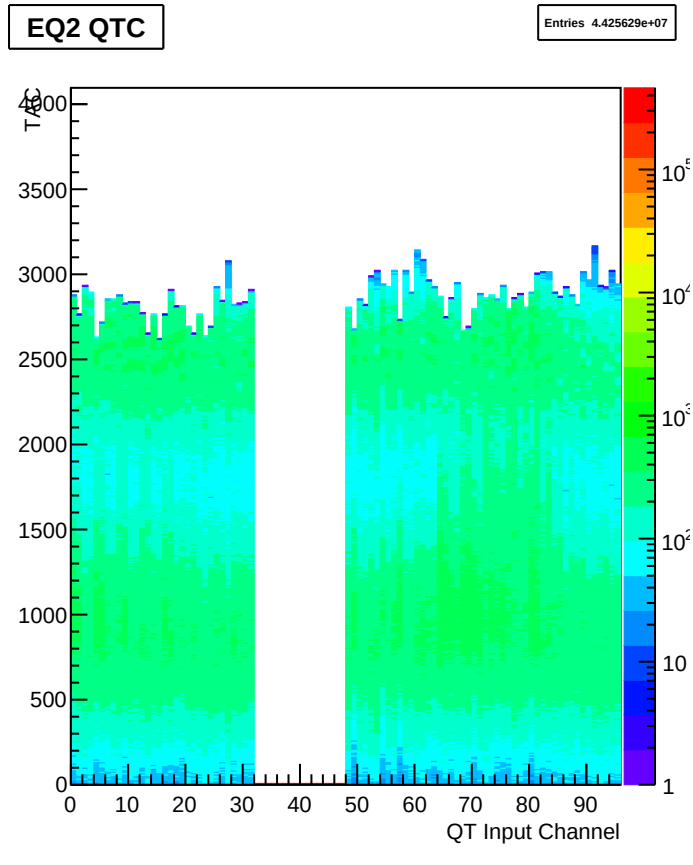

EQ1 QTC
Entries 4.425629e+07
ADC
QT Input Channel

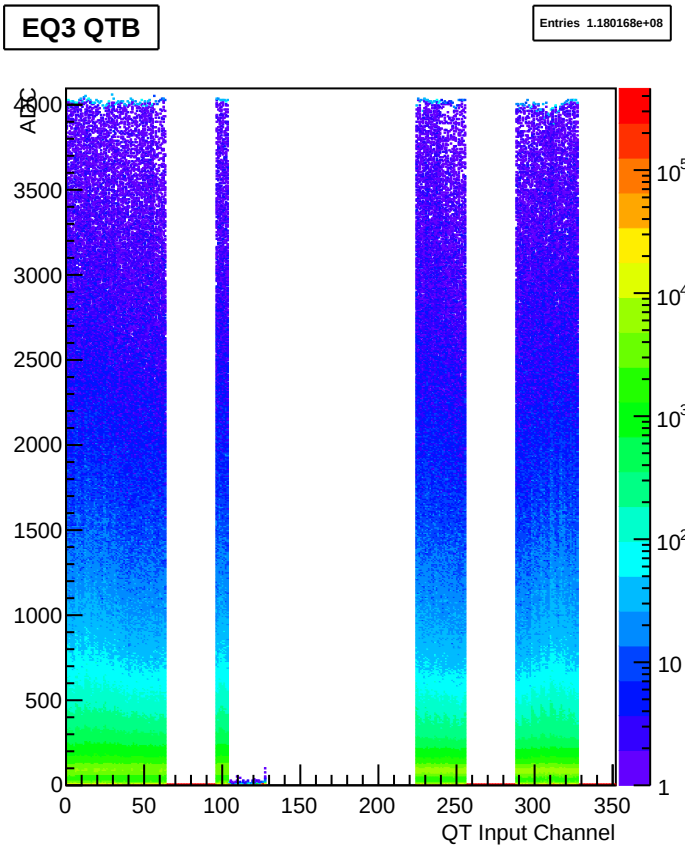

EQ1 QTC
Entries 4.425629e+07
TADC
QT Input Channel

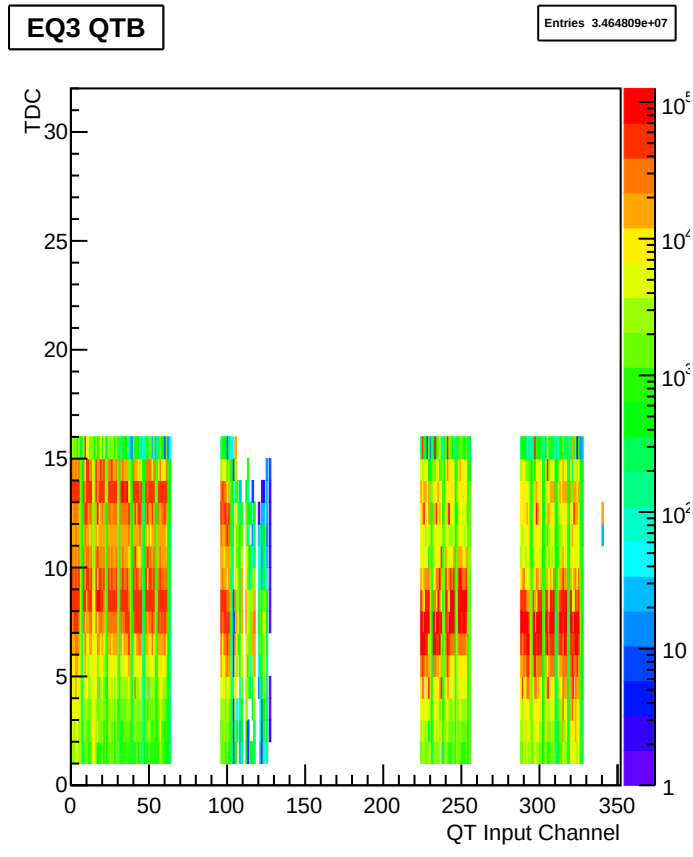

EQ2 QTB
Entries 1.327689e+08
ADC
QT Input Channel

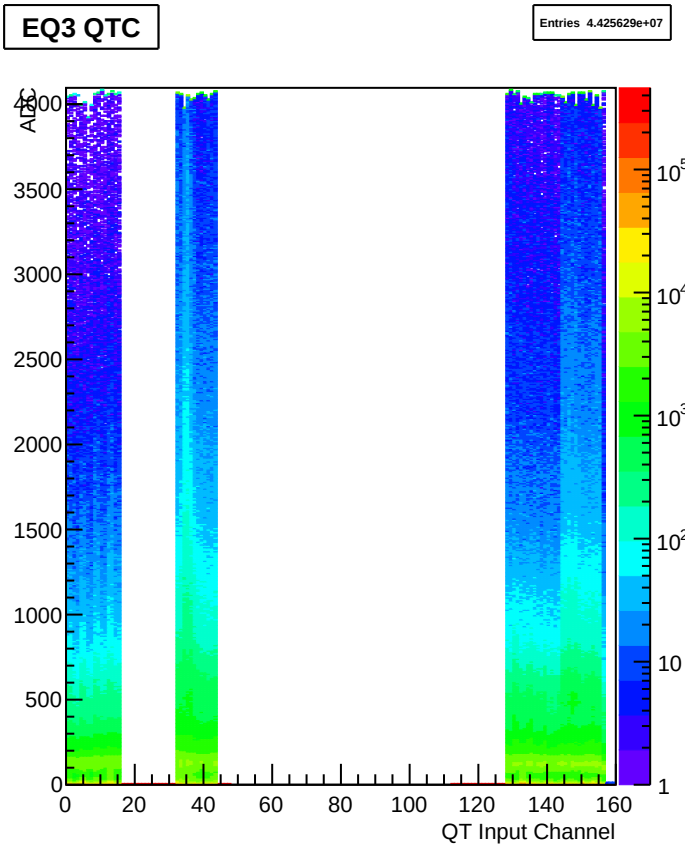

EQ2 QTB
Entries 4.286333e+07
TDC
QT Input Channel

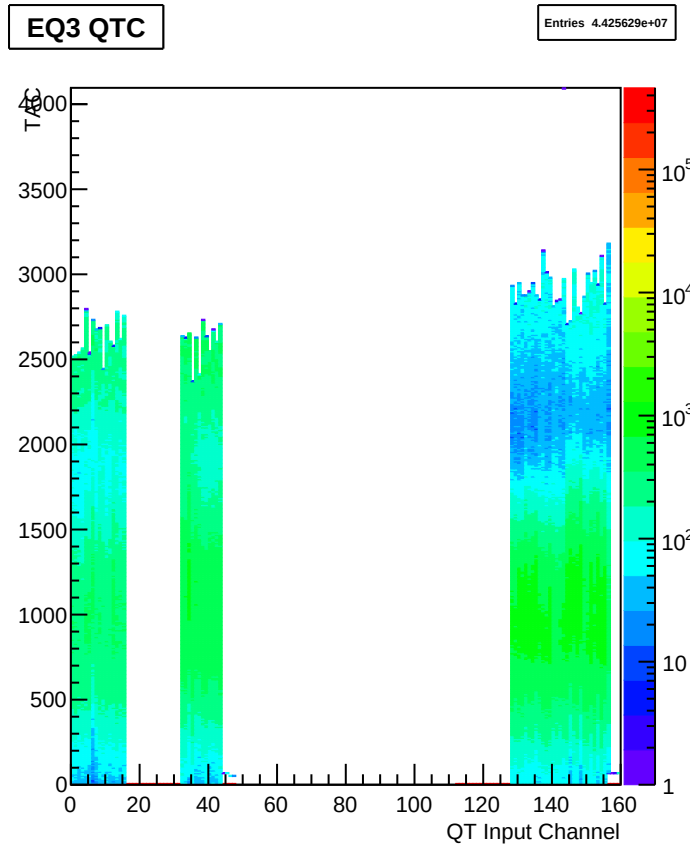

EQ2 QTC
Entries 4.425629e+07
ADC
QT Input Channel

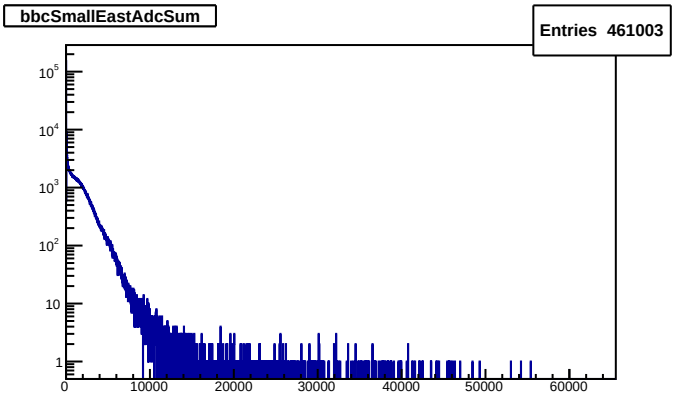

EQ2 QTC
Entries 4.425629e+07
TADC
QT Input Channel

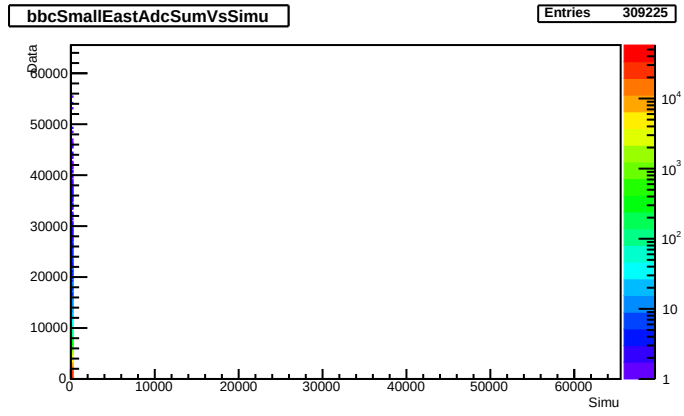

EQ3 QTB
Entries 1.180168e+08
ADC
QT Input Channel

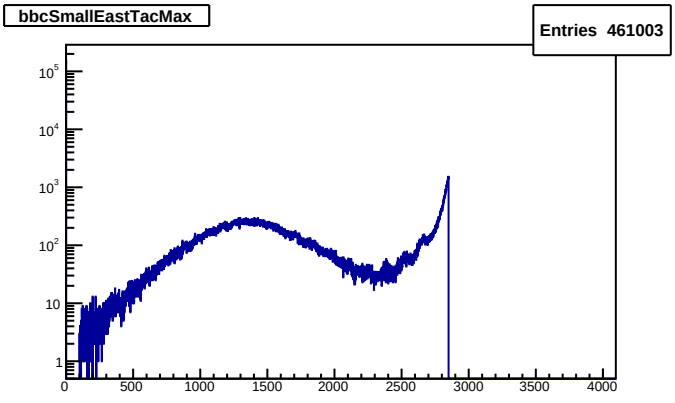

EQ3 QTB
Entries 3.464809e+07
TDC
QT Input Channel

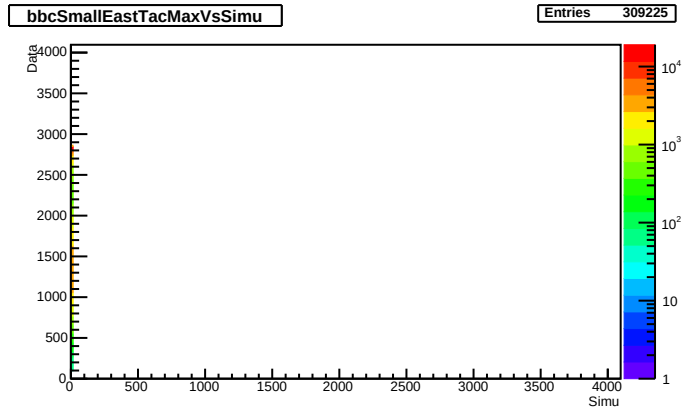

EQ3 QTC
Entries 4.425629e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.425629e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 461003


bbcSmallEastAdcSumVsSimu
Entries 309225
Data
Simu


bbcSmallEastTacMax
Entries 461003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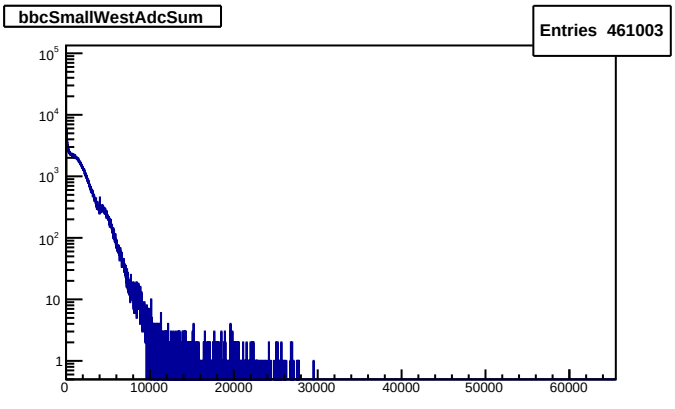
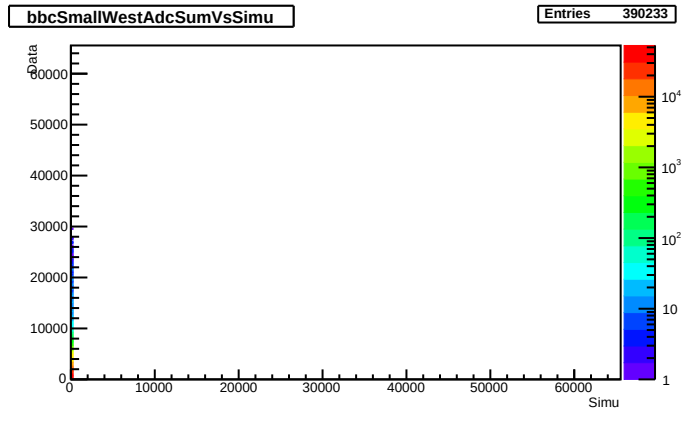
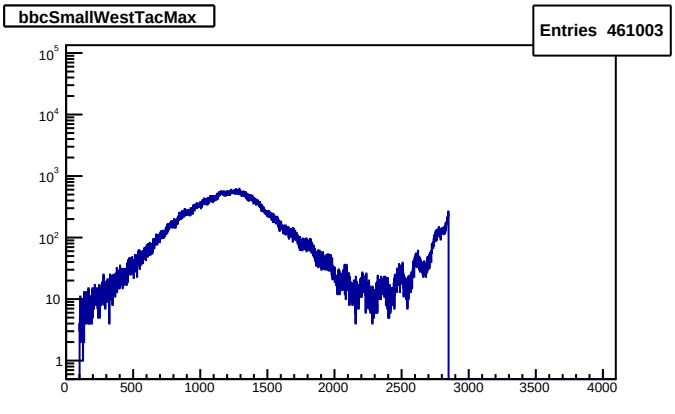
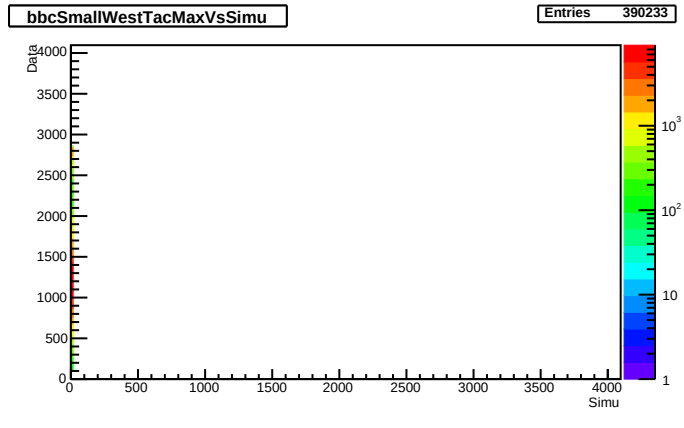
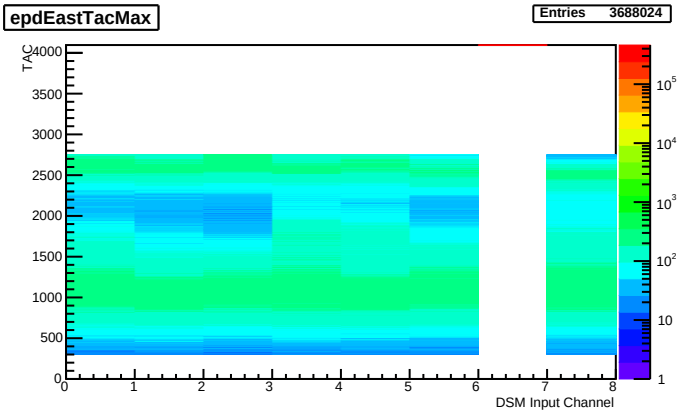
Entries 309225
Data
Simu

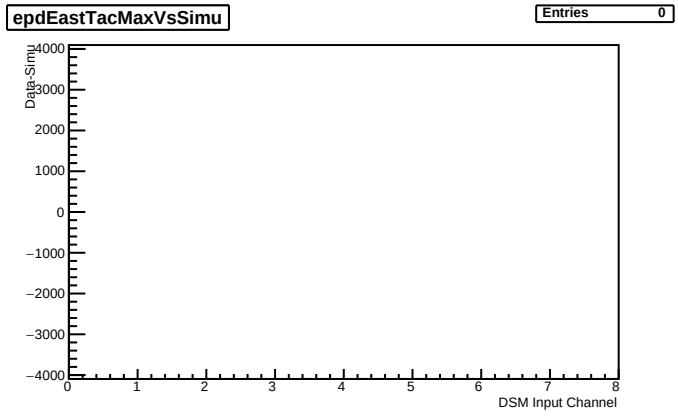

bbcSmallWestAdcSum
Entries 461003

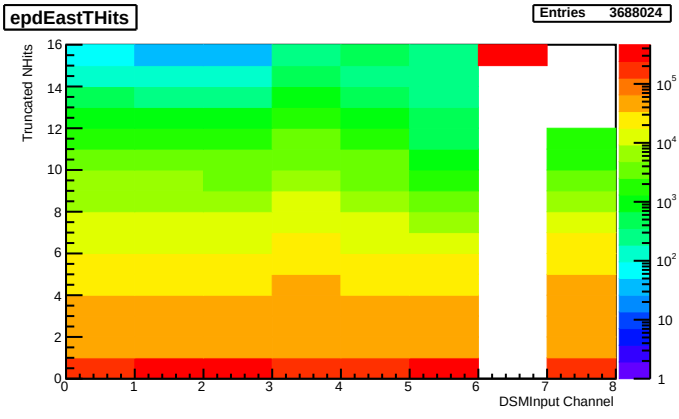

bbcSmallWestAdcSumVsSimu
Entries 390233
Data
Simu

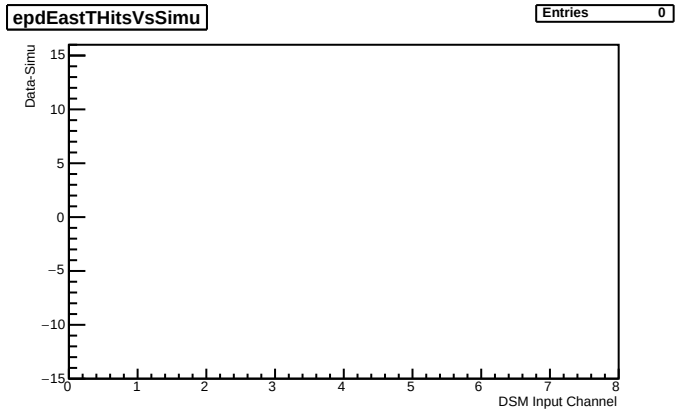

bbcSmallWestTacMax
Entries 461003

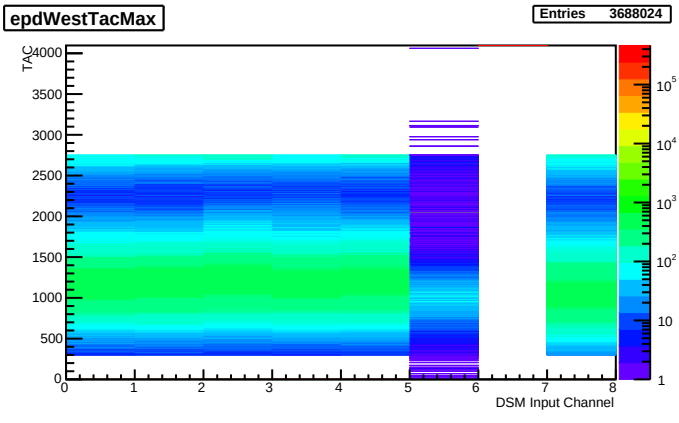

bbcSmallWestTacMaxVsSimu
Entries 390233
Data
Simu

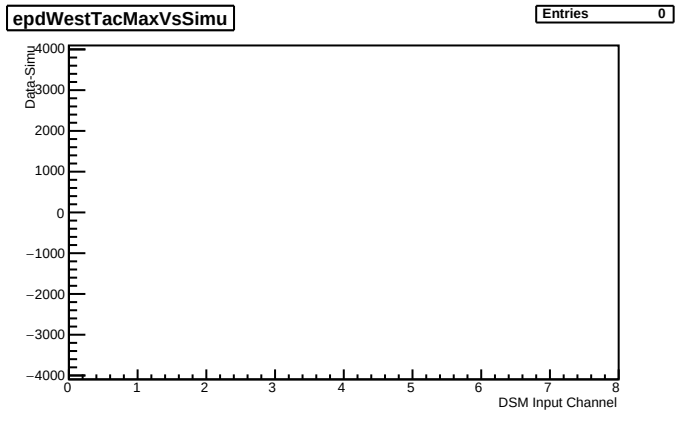

epdEastTacMax
Entries 3688024
TAC
DSM Input Channel

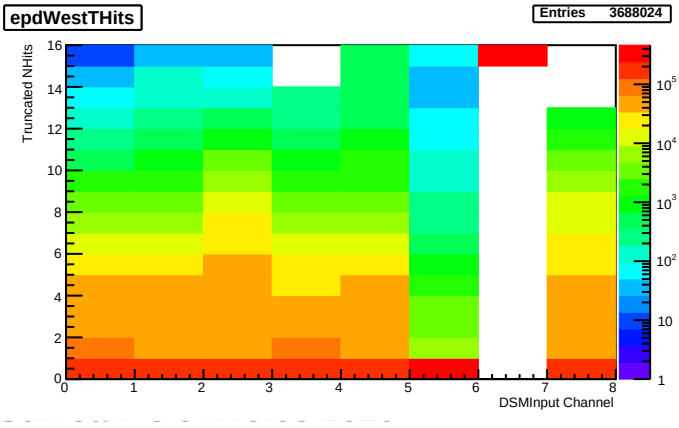

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

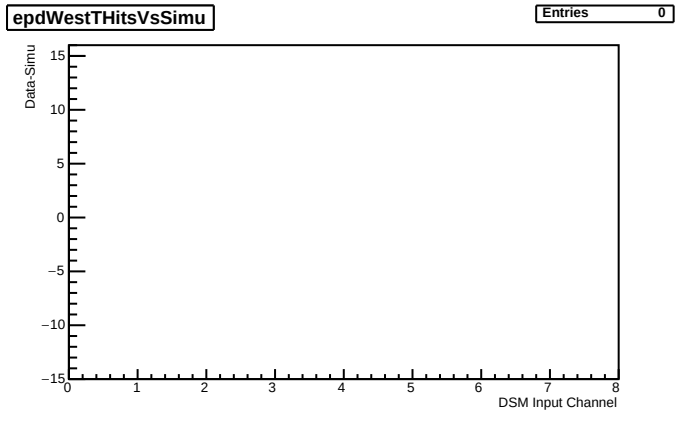

epdEastTHits
Entries 3688024
Truncated NHits
DSMInput Channel

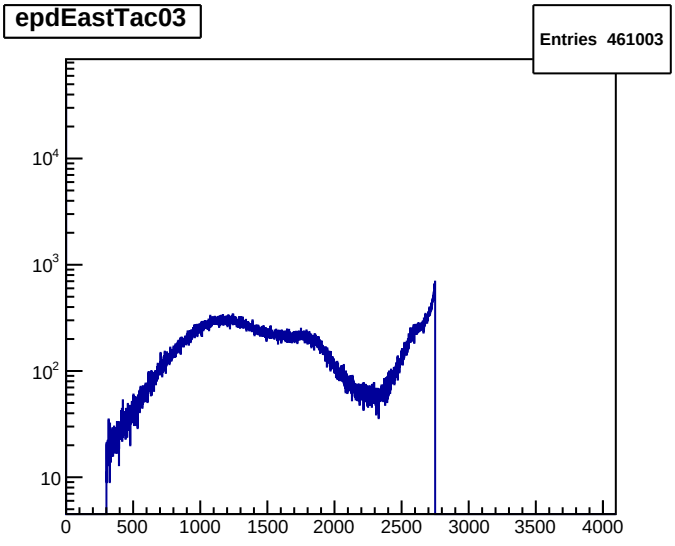

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

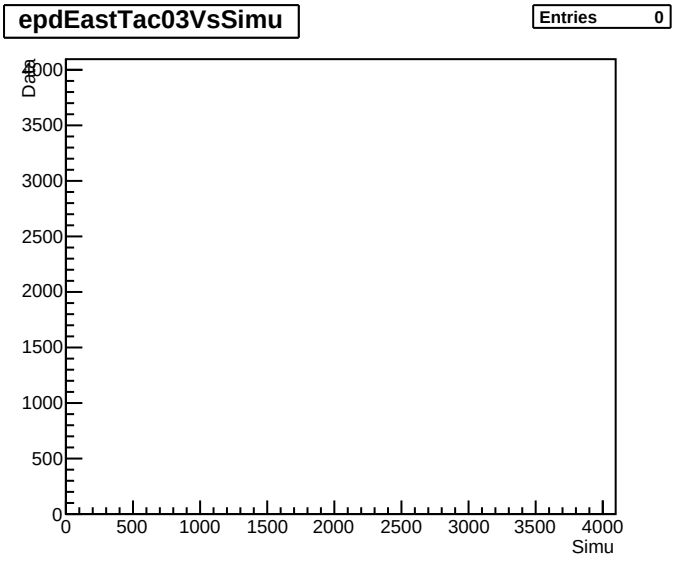

epdWestTacMax
Entries 3688024
TAC
DSM Input Channel

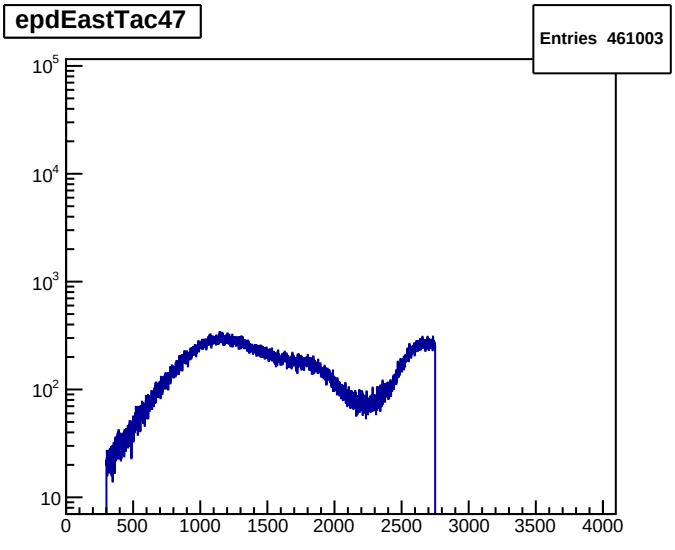

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

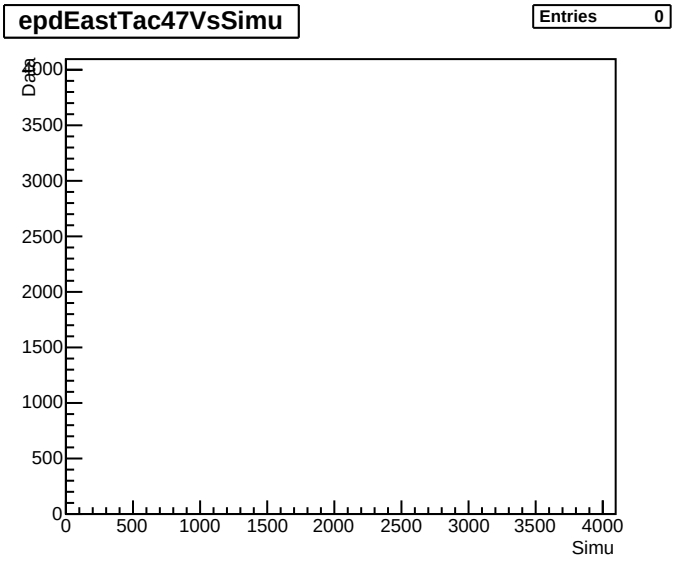

epdWestTHits
Entries 3688024
Truncated NHits
DSMInput Channel

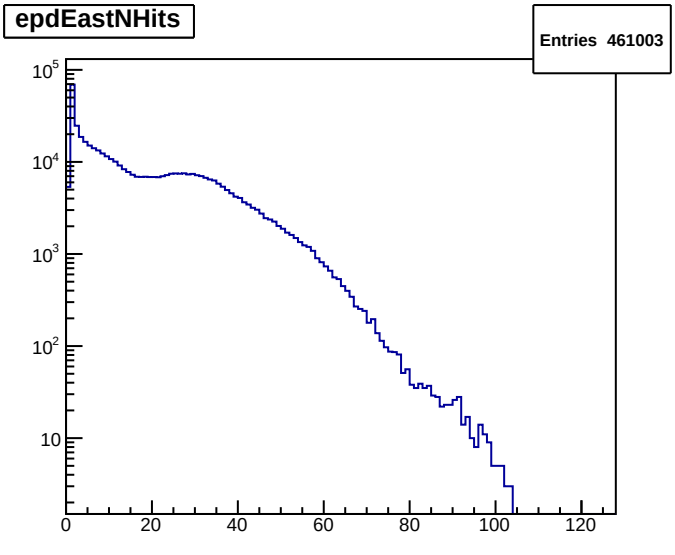

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

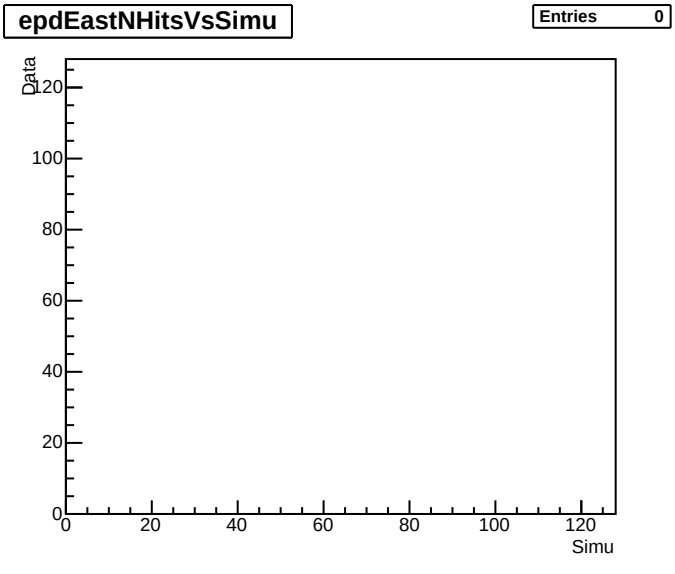

epdEastTac03
Entries 461003


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 461003


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 461003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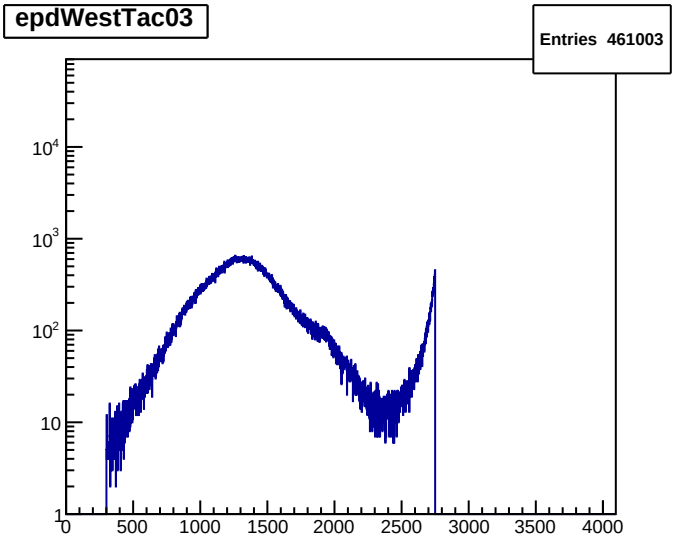
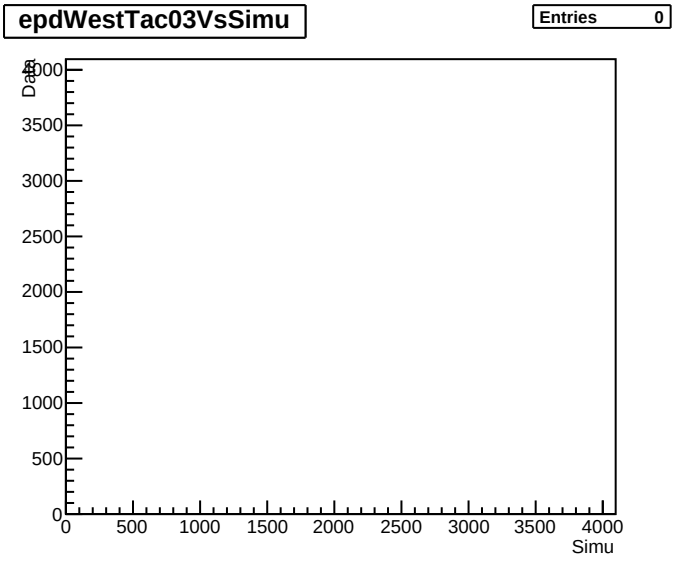
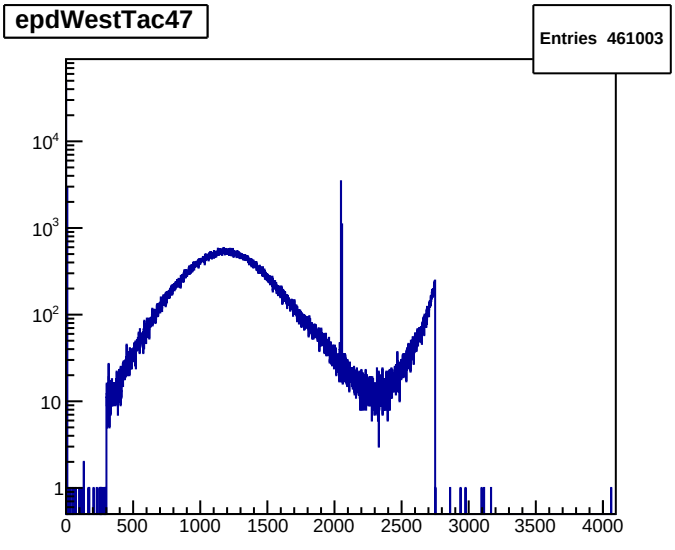
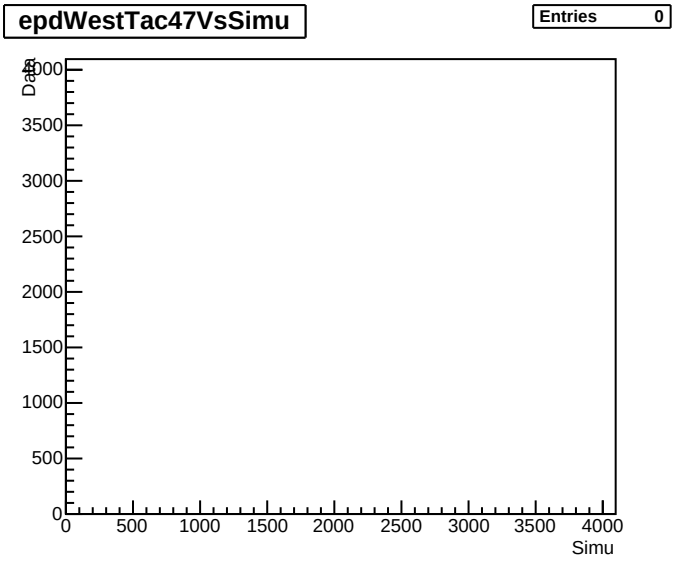
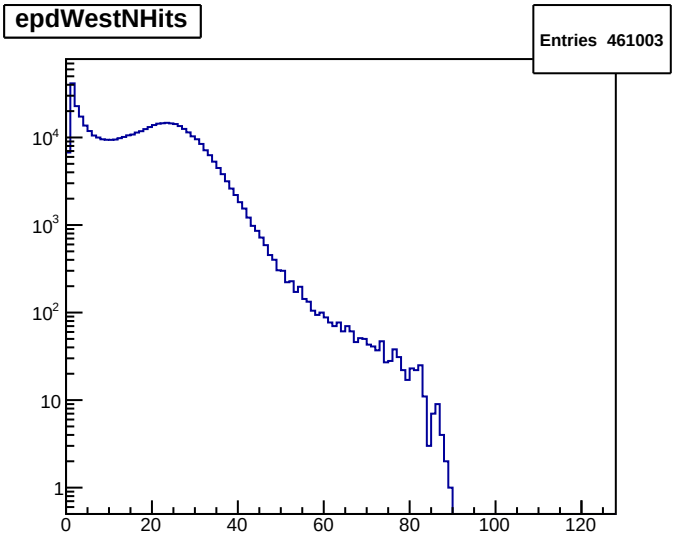
Entries 0
Data
Simu

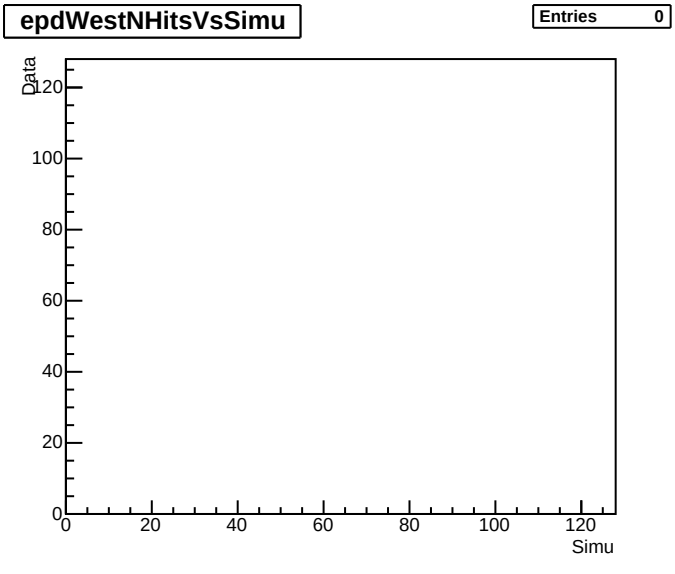

epdWestTac03
Entries 461003

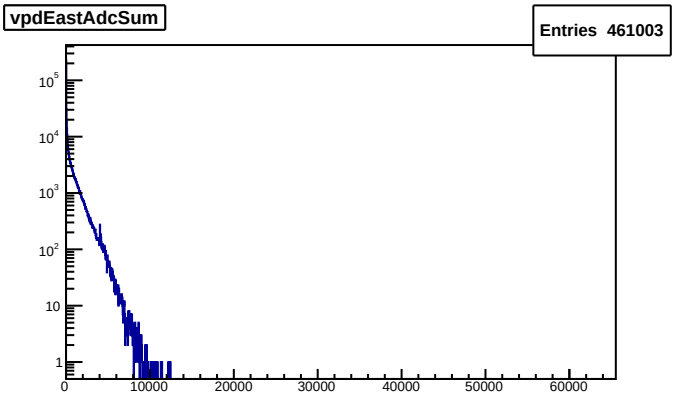

epdWestTac03VsSimu
Entries 0
Data
Simu

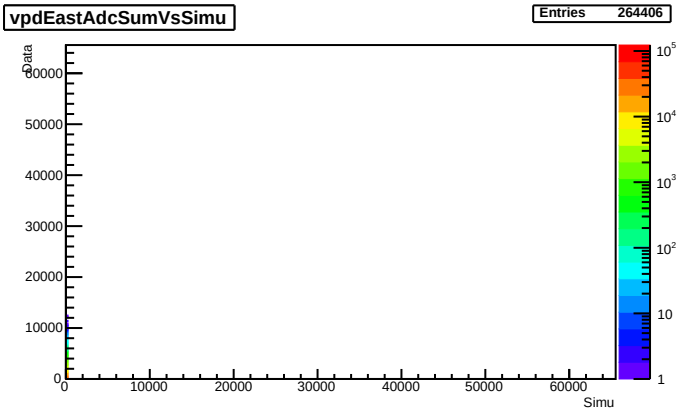

epdWestTac47
Entries 461003

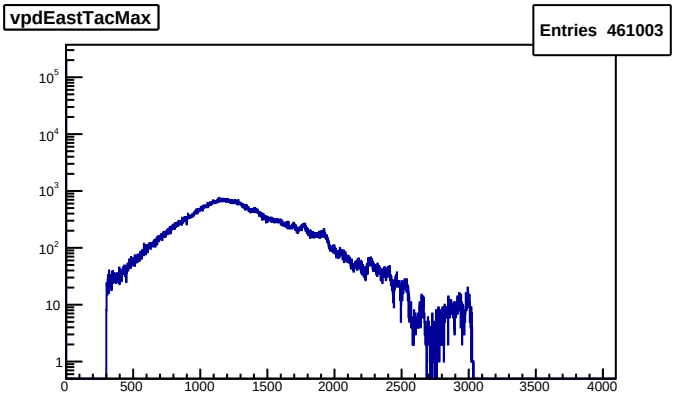

epdWestTac47VsSimu
Entries 0
Data
Simu

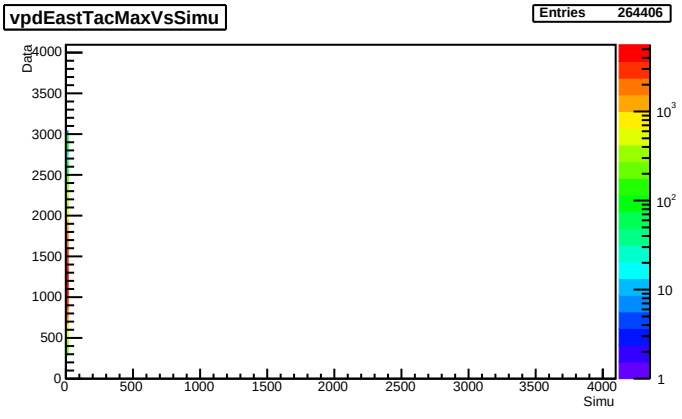

epdWestNHits
Entries 461003

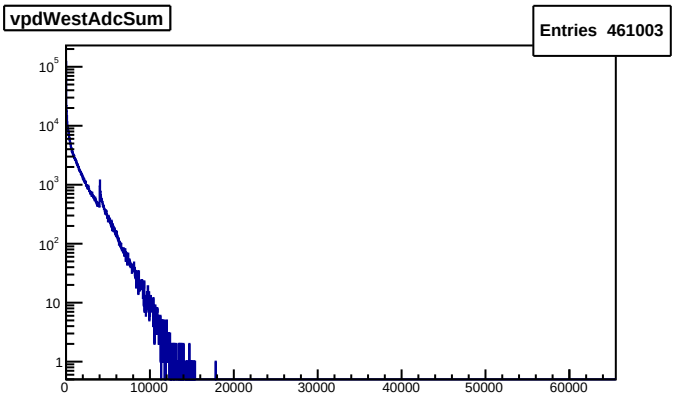

epdWestNHitsVsSimu
Entries 0
Data
Simu

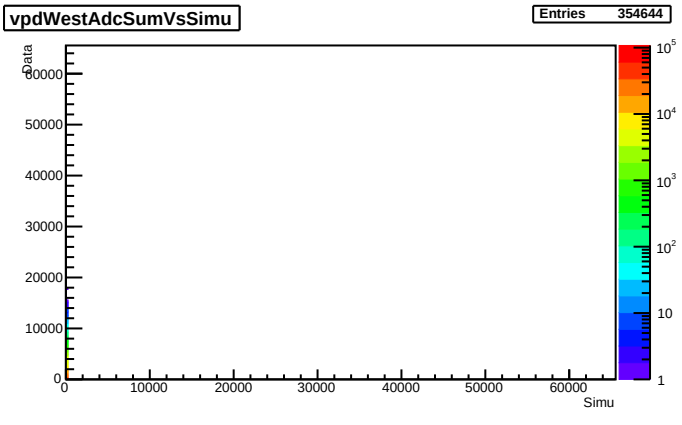

vpdEastAdcSum
Entries 461003

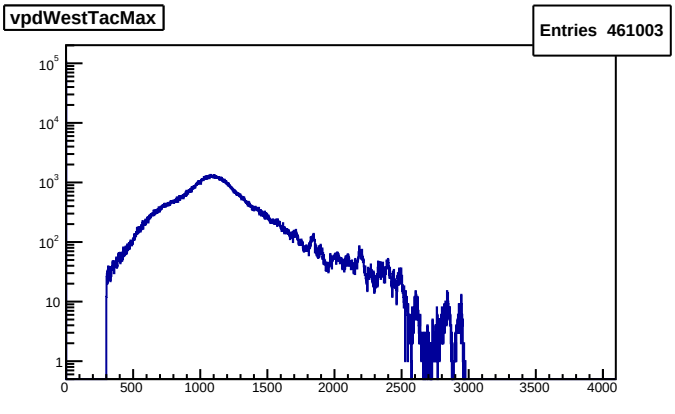

vpdEastAdcSumVsSimu
Entries 264406
Data
Simu

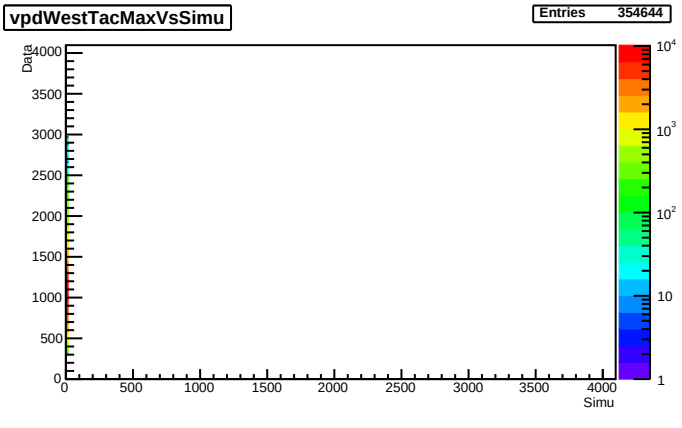

vpdEastTacMax
Entries 461003

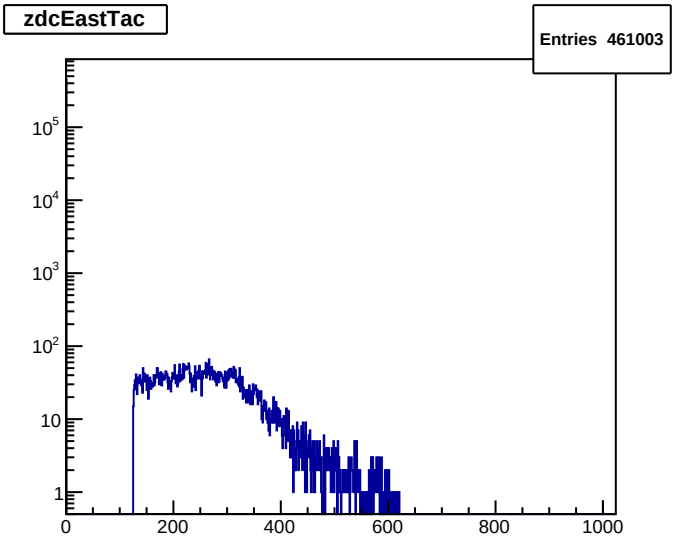

vpdEastTacMaxVsSimu
Entries 264406
Data
Simu

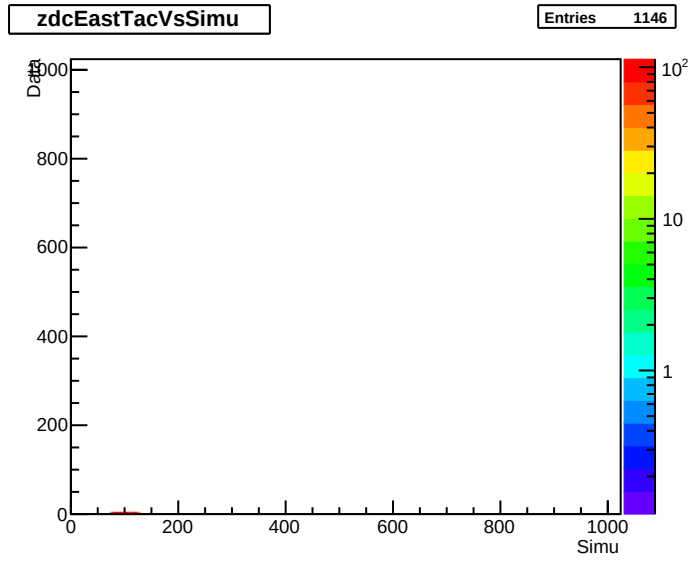

vpdWestAdcSum
Entries 461003

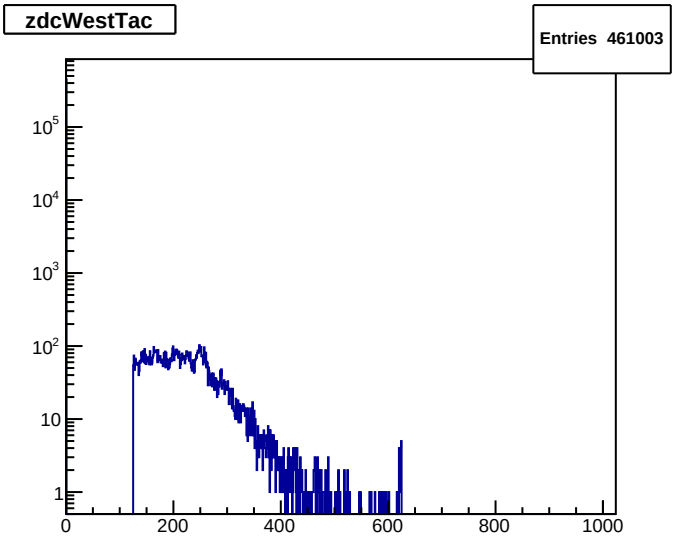

vpdWestAdcSumVsSimu
Entries 354644
Data
Simu

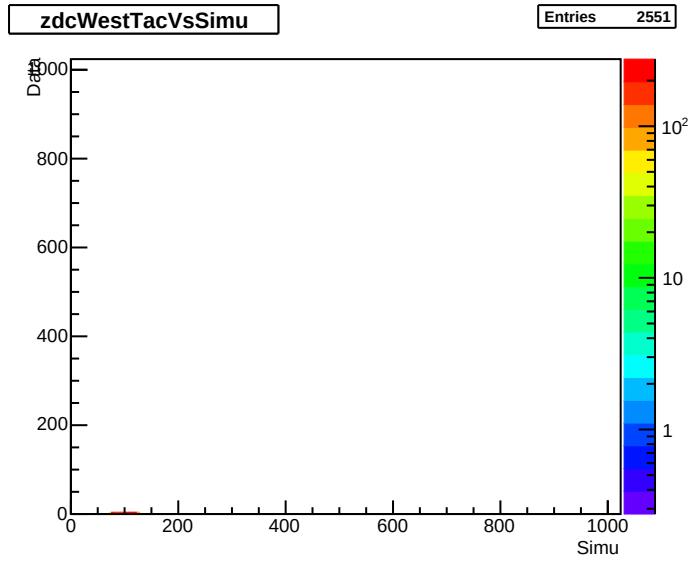

vpdWestTacMax
Entries 461003

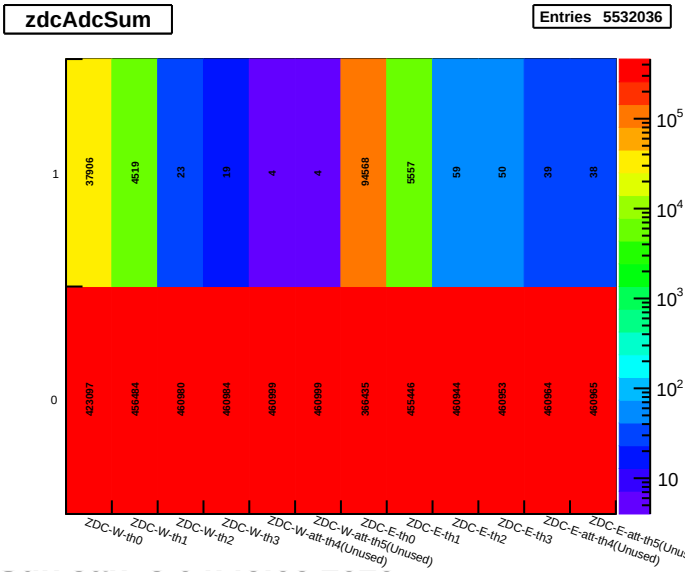

vpdWestTacMaxVsSimu
Entries 354644
Data
Simu

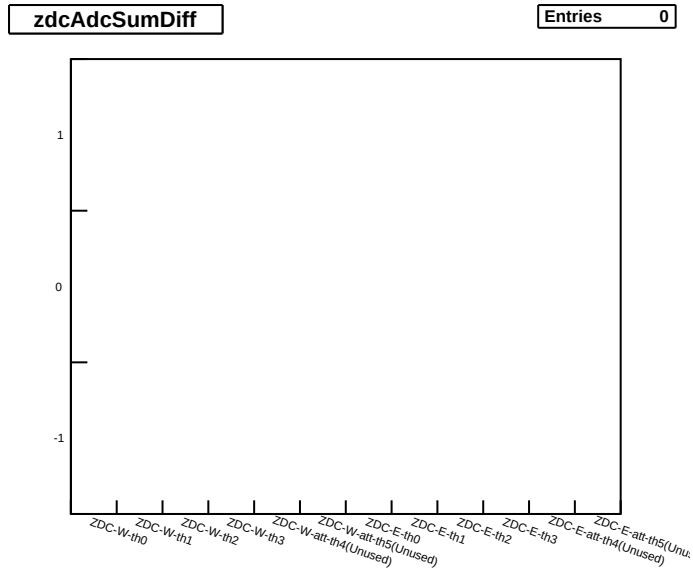

zdcEastTac
Entries 461003

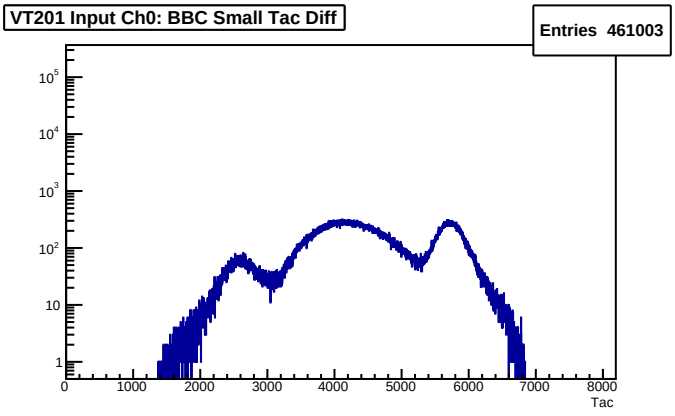

zdcEastTacVsSimu
Entries 1146
Data
Simu

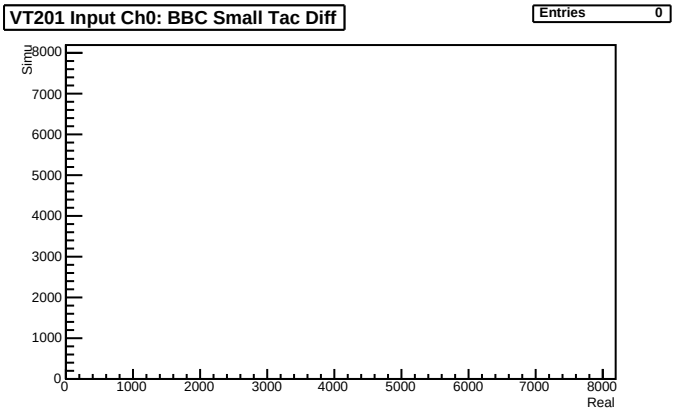

zdcWestTac
Entries 461003

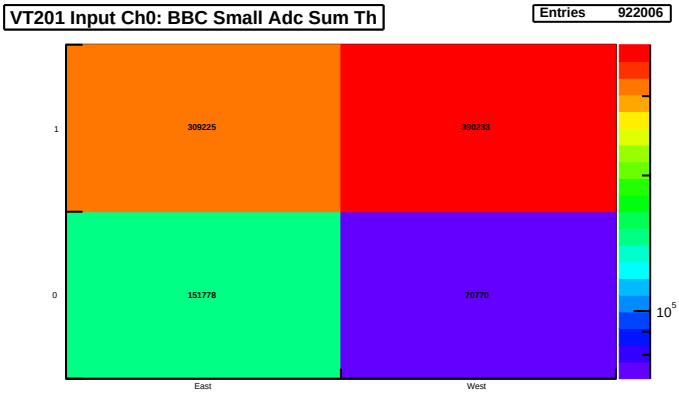

zdcWestTacVsSimu
Entries 2551
Data
Simu

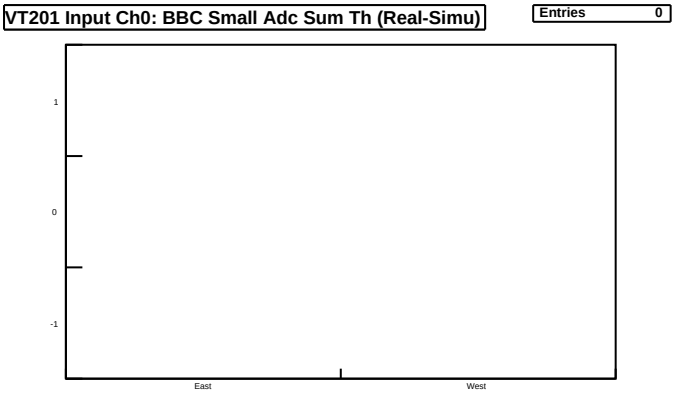

zdcAdcSum
Entries 5532036
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

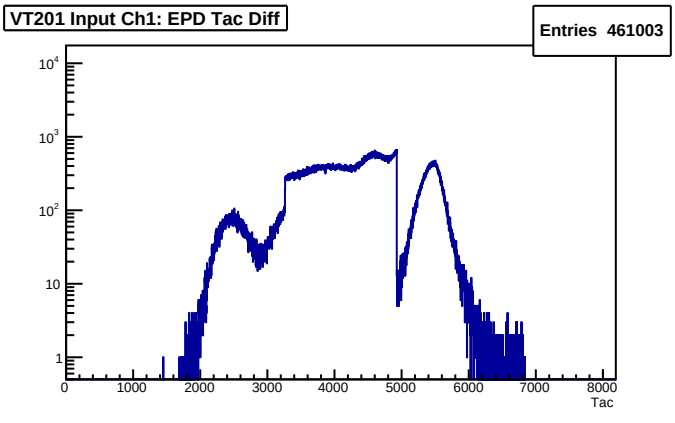

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

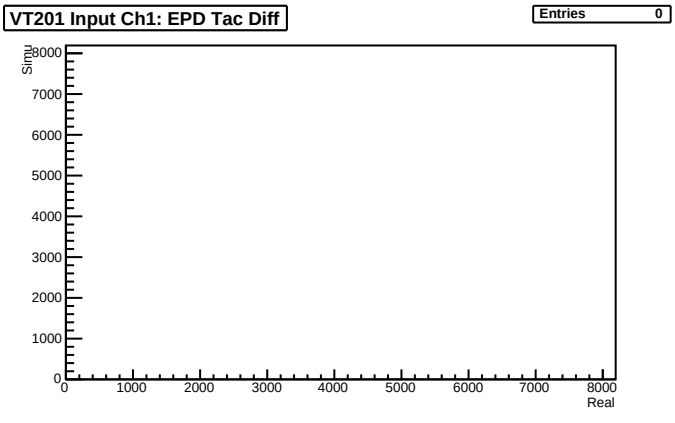

VT201 Input Ch0: BBC Small Tac Diff
Entries 461003
Tac

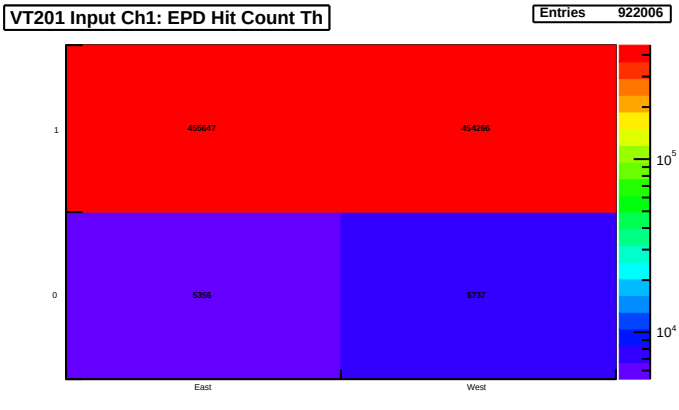

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

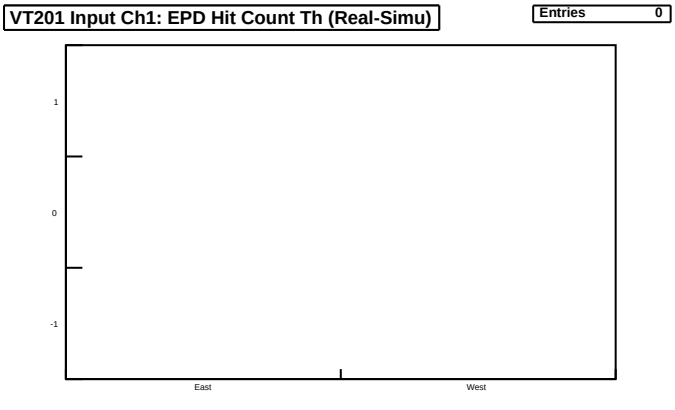

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 922006
309225
390233
151778
70770
East
West

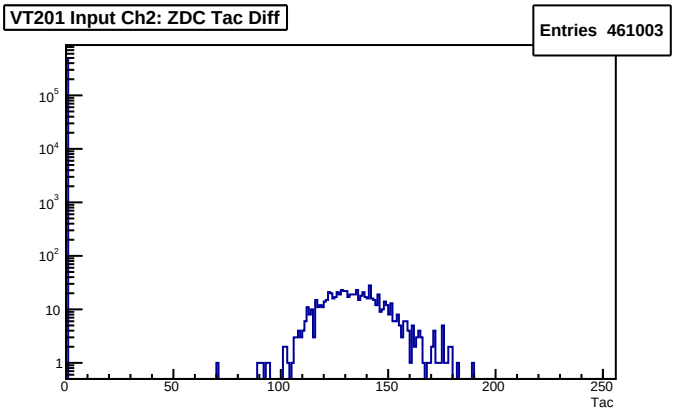

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

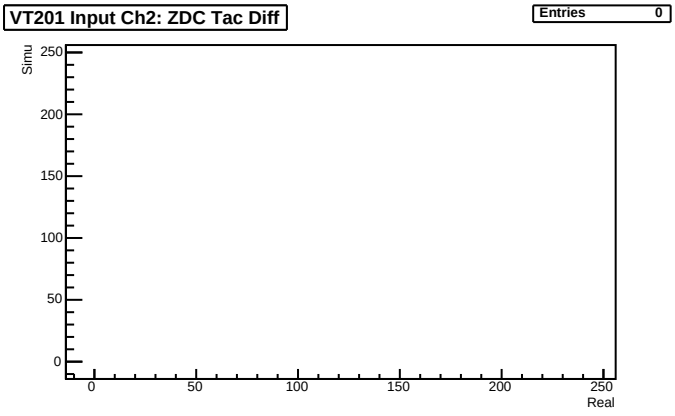

VT201 Input Ch1: EPD Tac Diff
Entries 461003
Tac

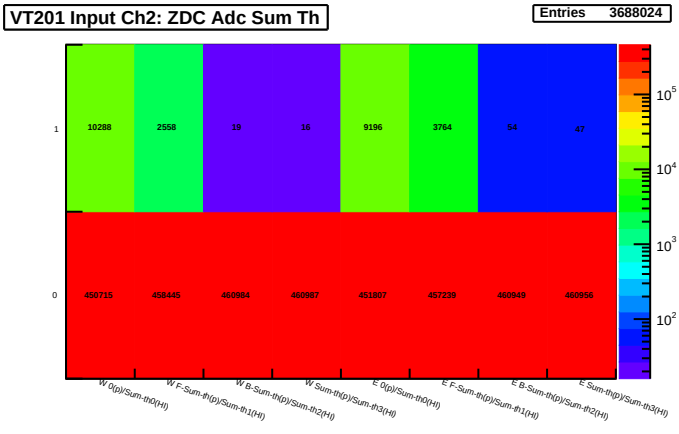

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

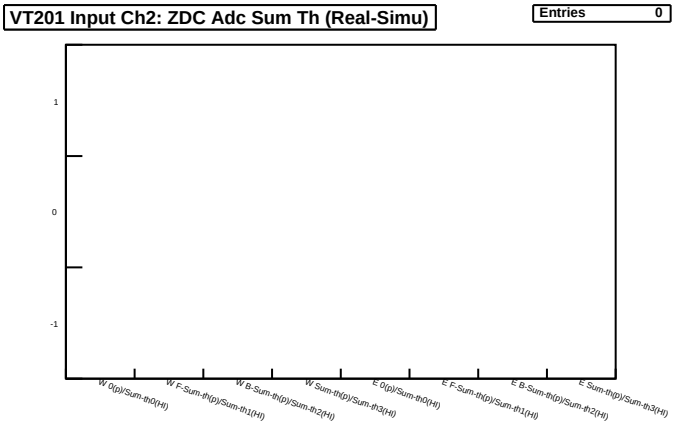

VT201 Input Ch1: EPD Hit Count Th
Entries 922006
455647
454266
5356
6737
East
West

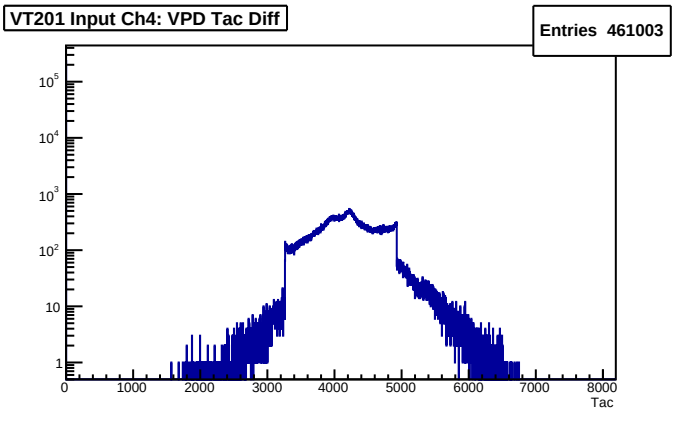

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

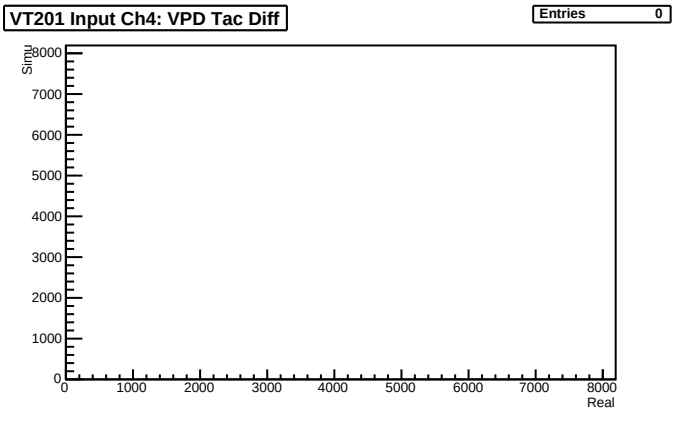

VT201 Input Ch2: ZDC Tac Diff
Entries 461003
Tac

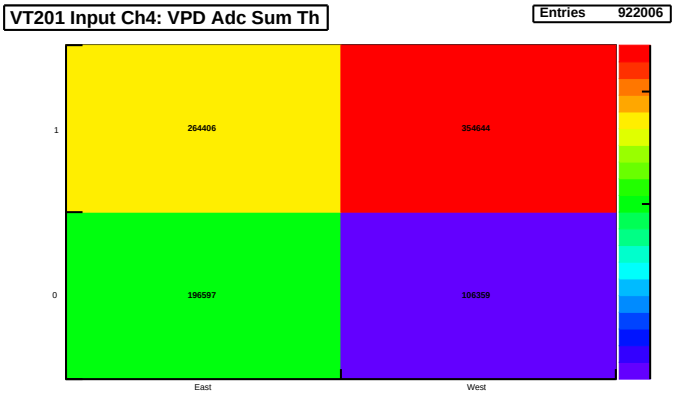

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

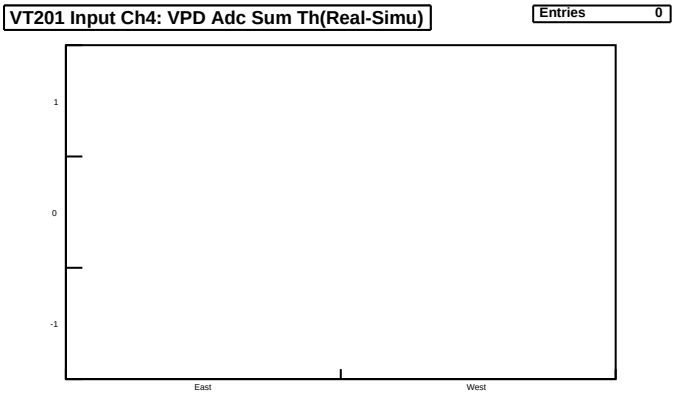

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3688024
10288
2558
19
16
9196
3764
54
47
450715
458445
460984
460987
451807
457239
460949
460956
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

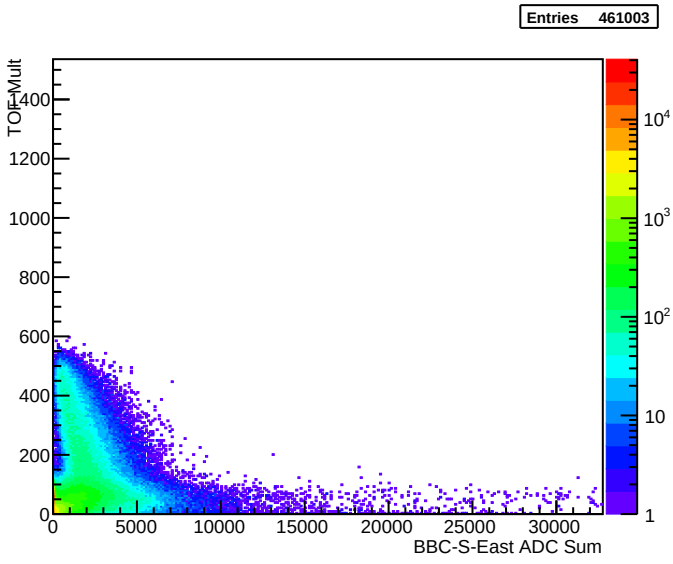

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

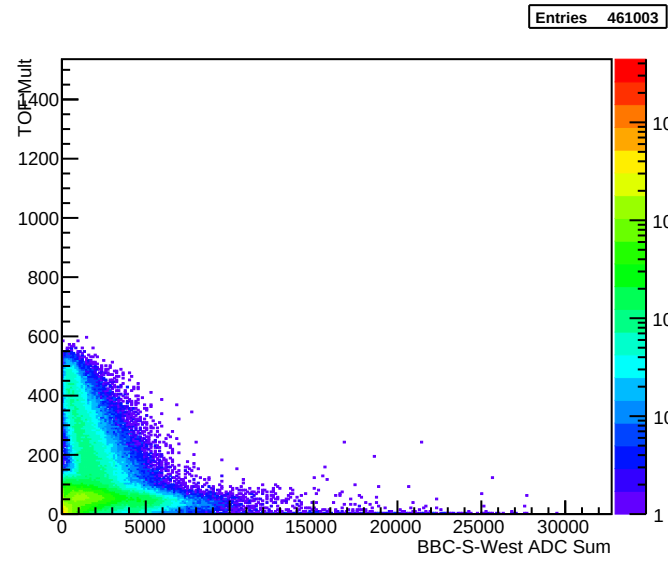

VT201 Input Ch4: VPD Tac Diff
Entries 461003
Tac

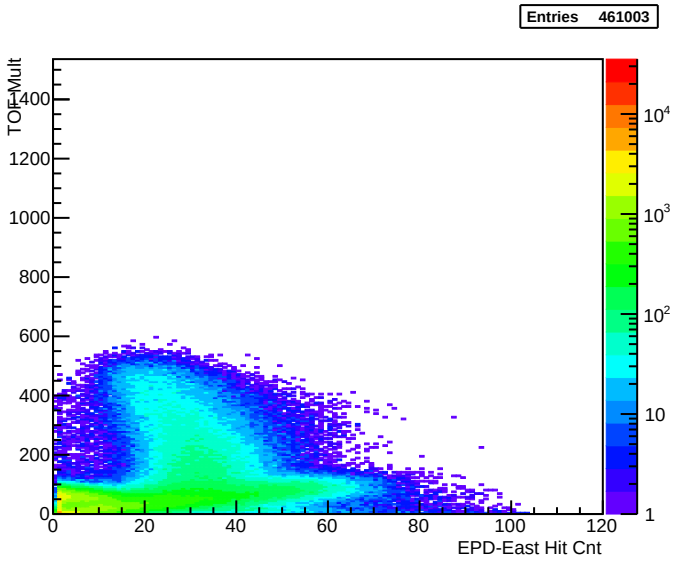

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

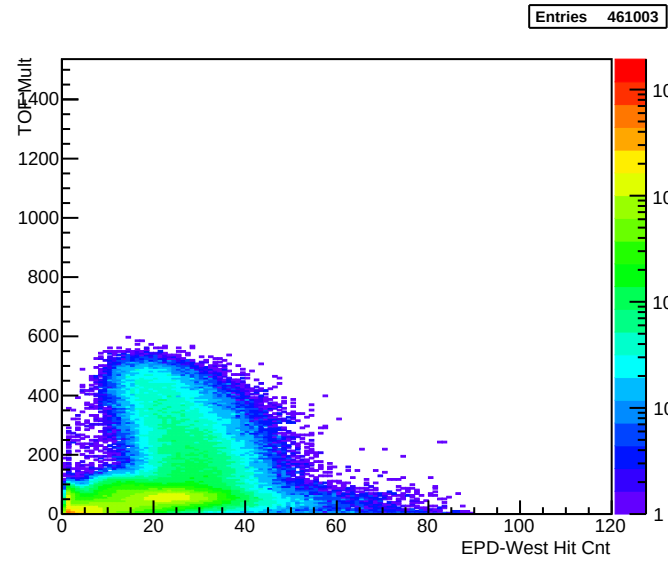

VT201 Input Ch4: VPD Adc Sum Th
Entries 922006
264406
354644
196597
106359
East
West

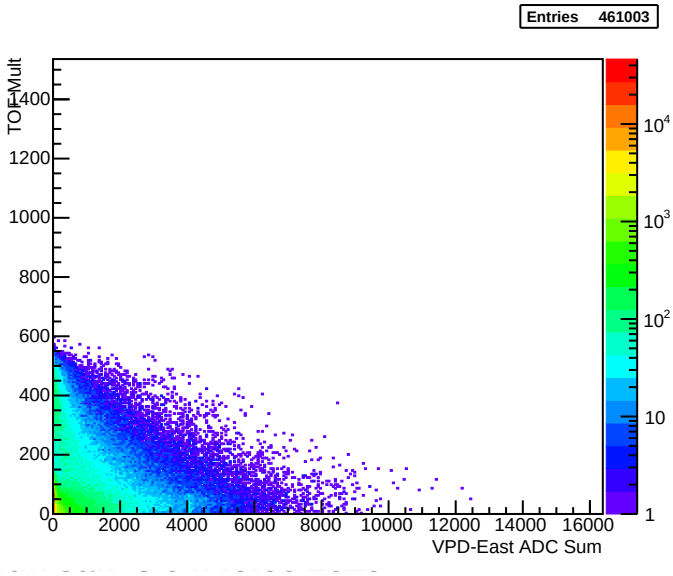

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

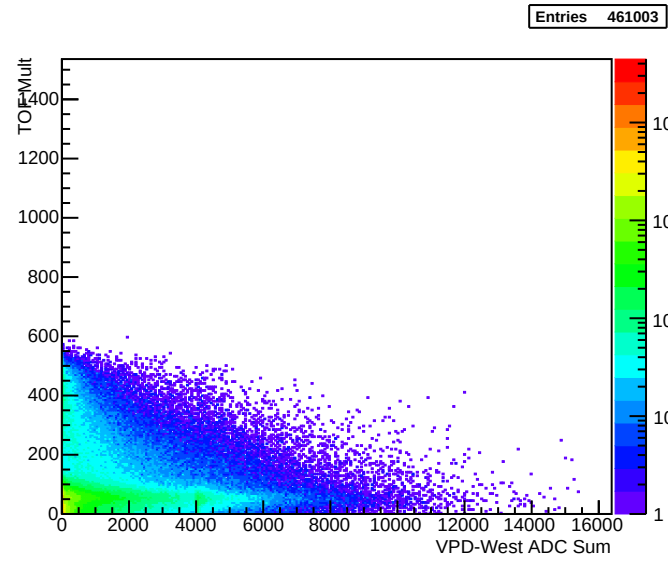

Entries 461003
TOF-Mult
BBC-S-East ADC Sum

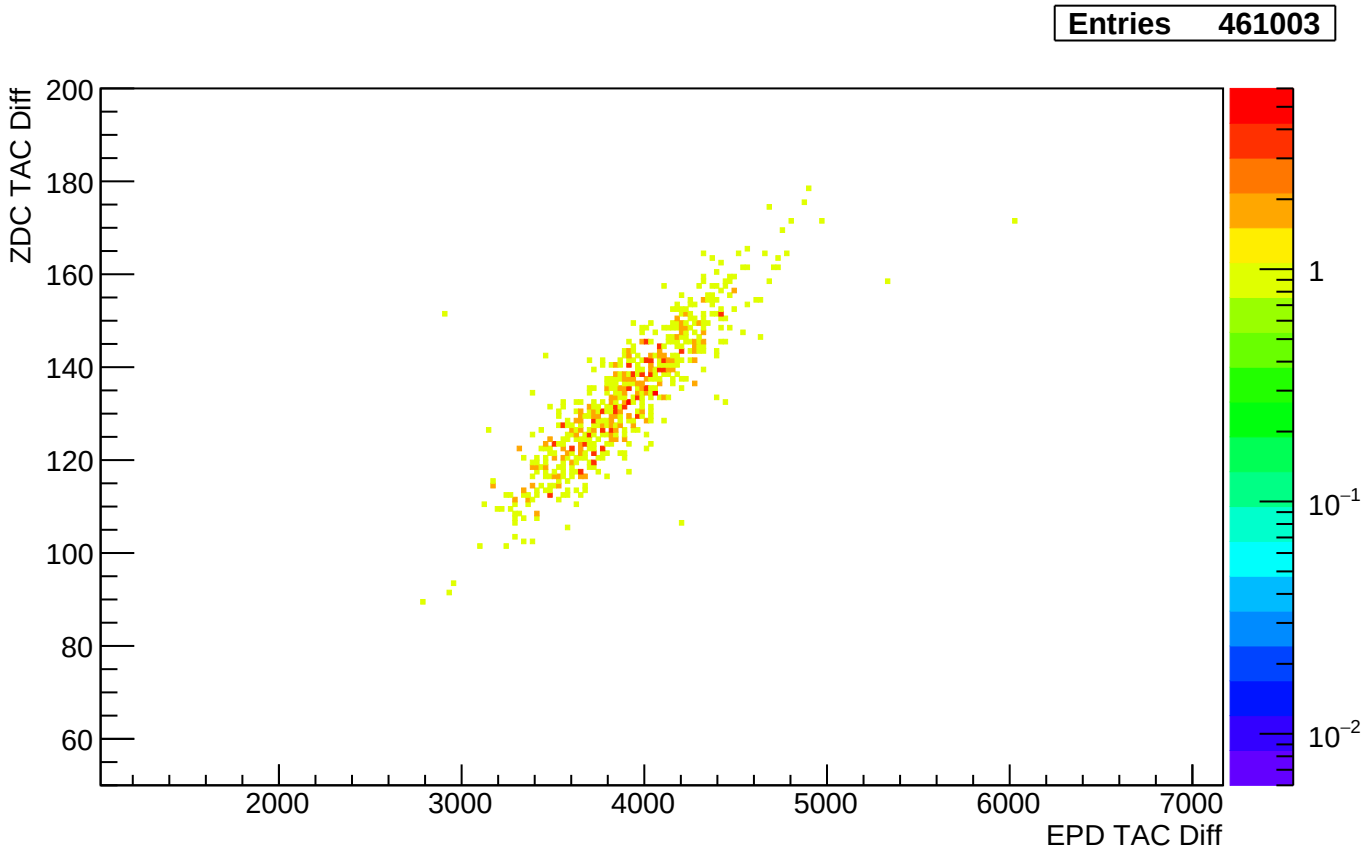

Entries 461003
TOF-Mult
BBC-S-West ADC Sum

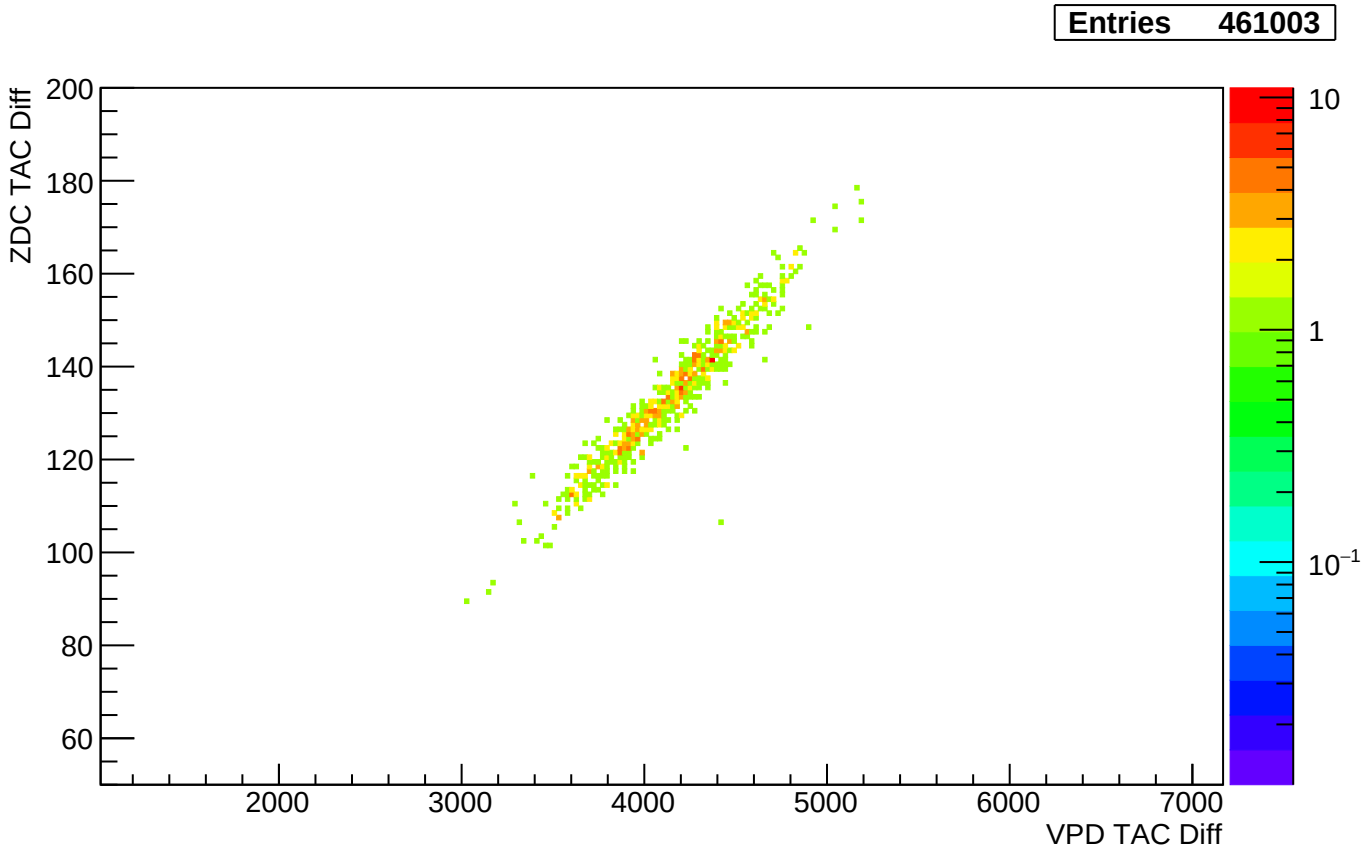

Entries 461003
TOF-Mult
EPD-East Hit Cnt

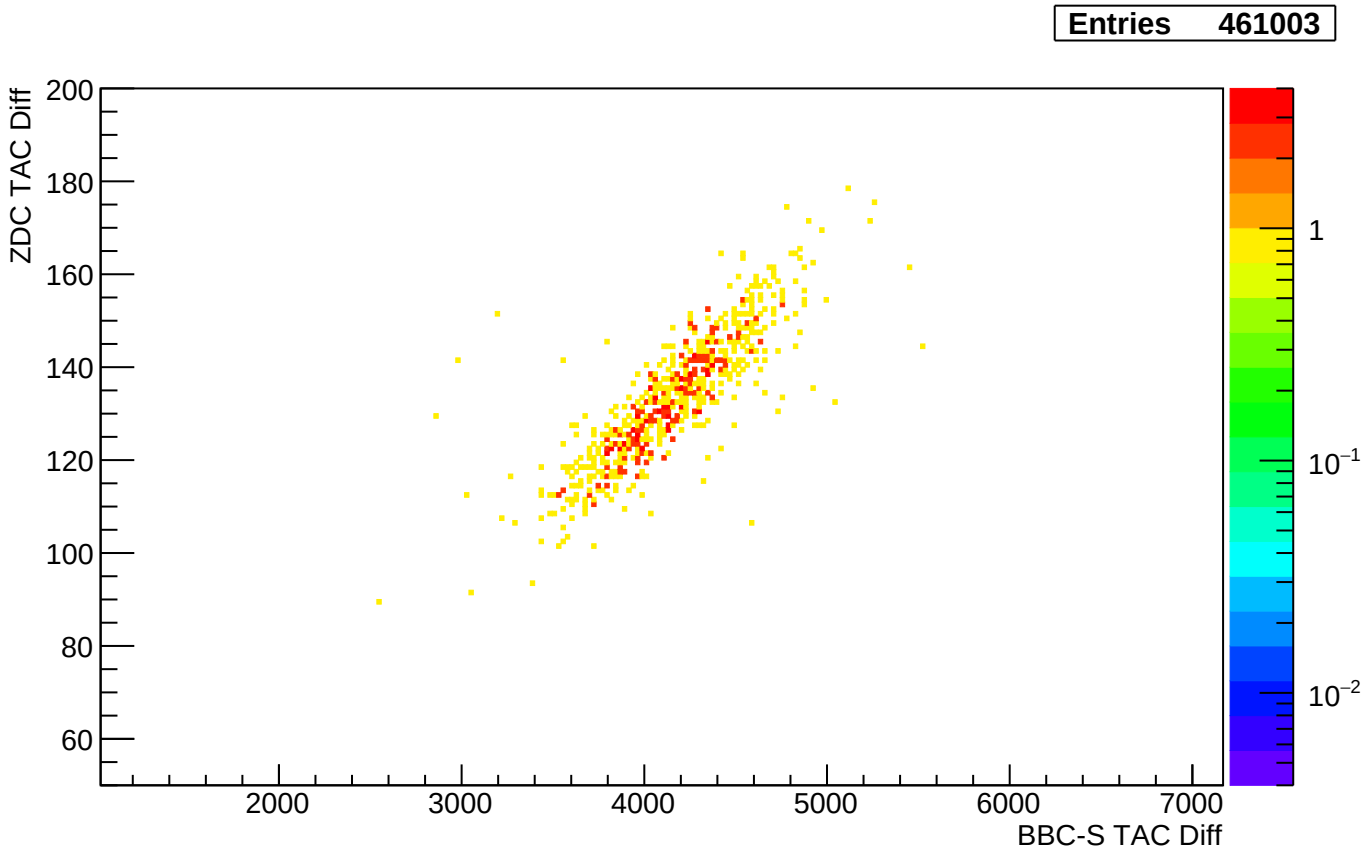

Entries 461003
TOF-Mult
EPD-West Hit Cnt

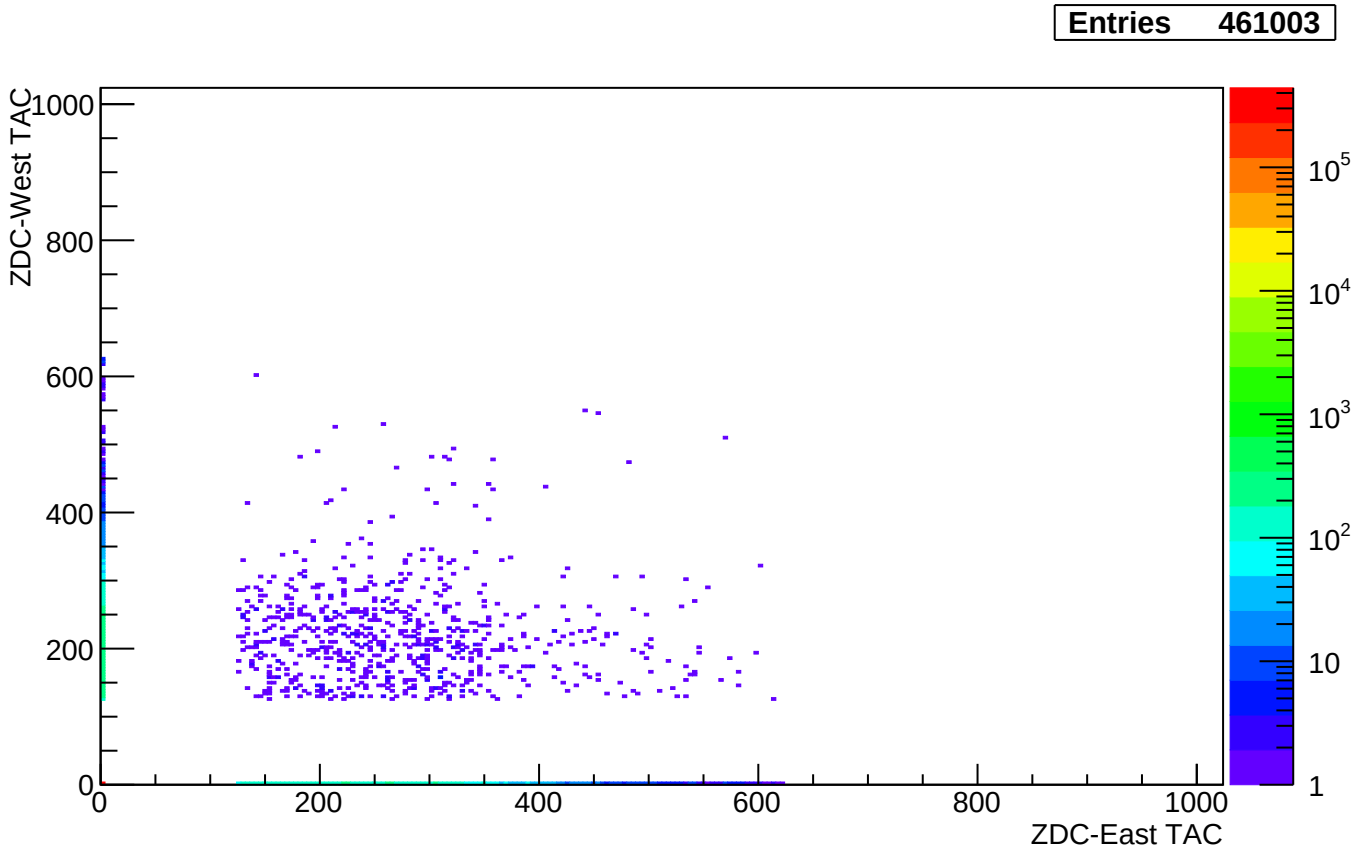

Entries 461003
TOF-Mult
VPD-East ADC Sum

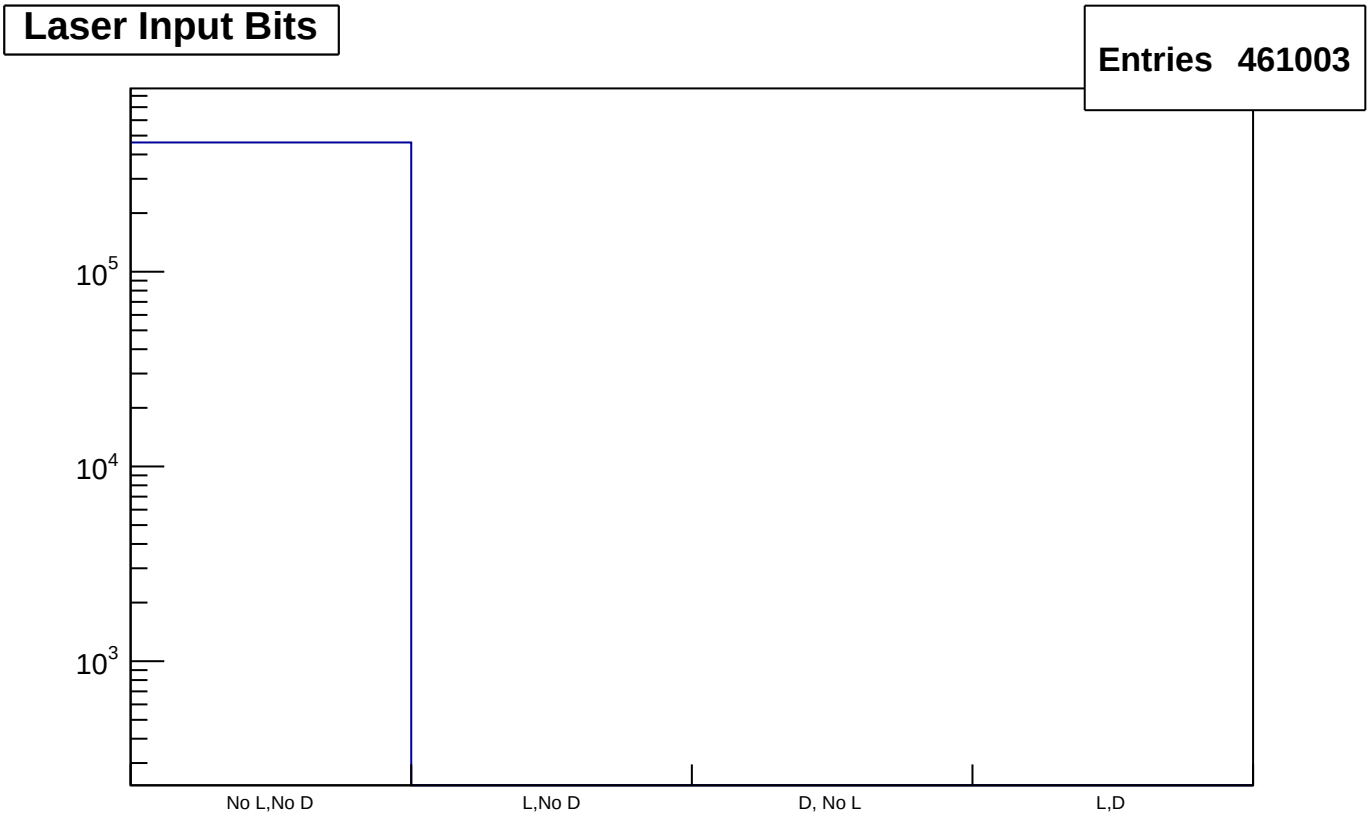

Entries 461003
TOF-Mult
VPD-West ADC Sum

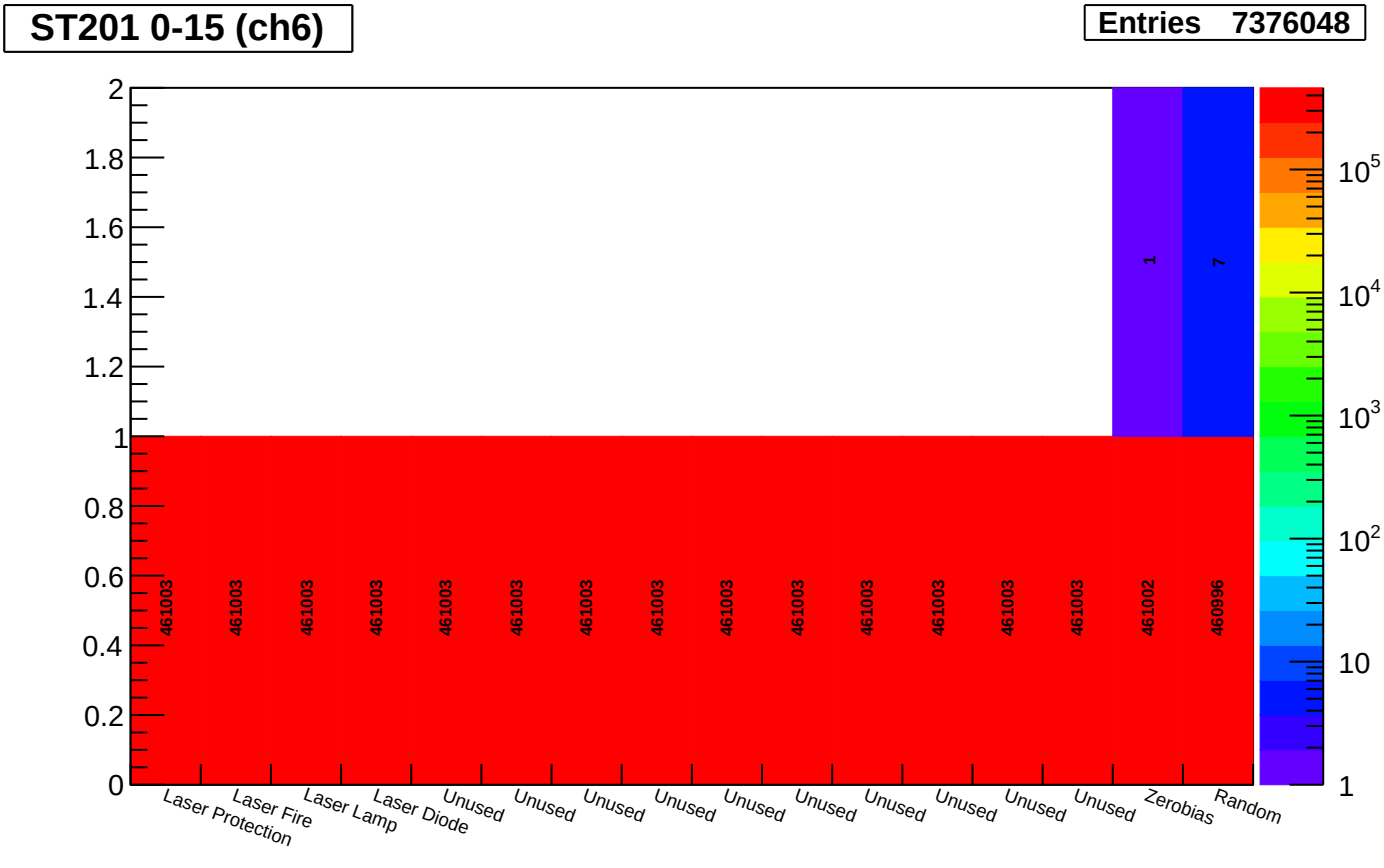

Entries 461003
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

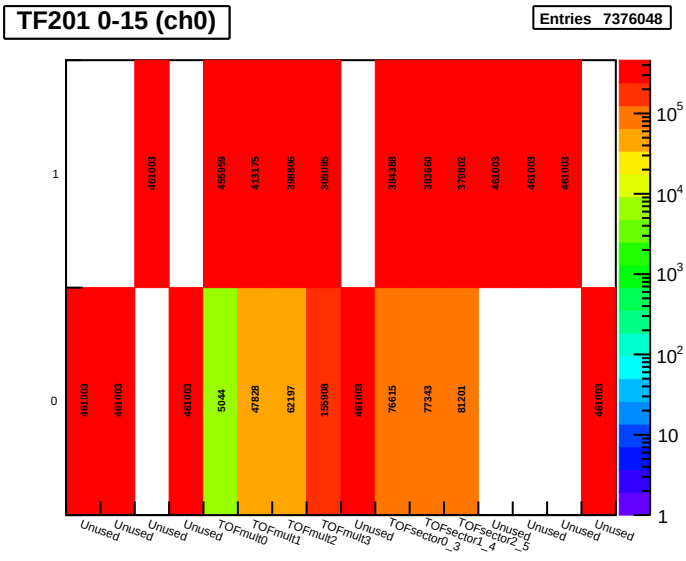

Entries 461003
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}

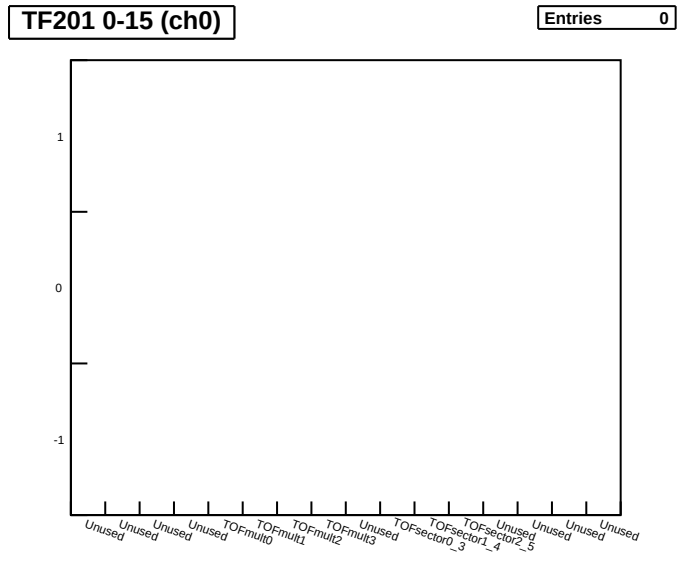

Entries 461003
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

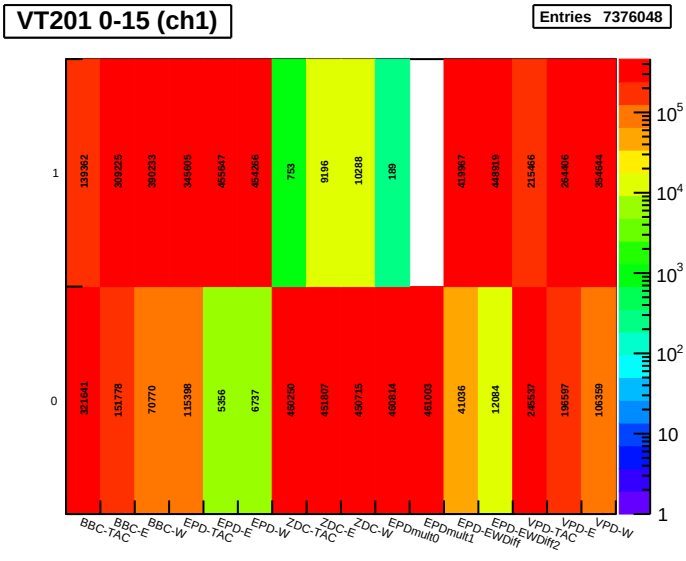

Entries 461003
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

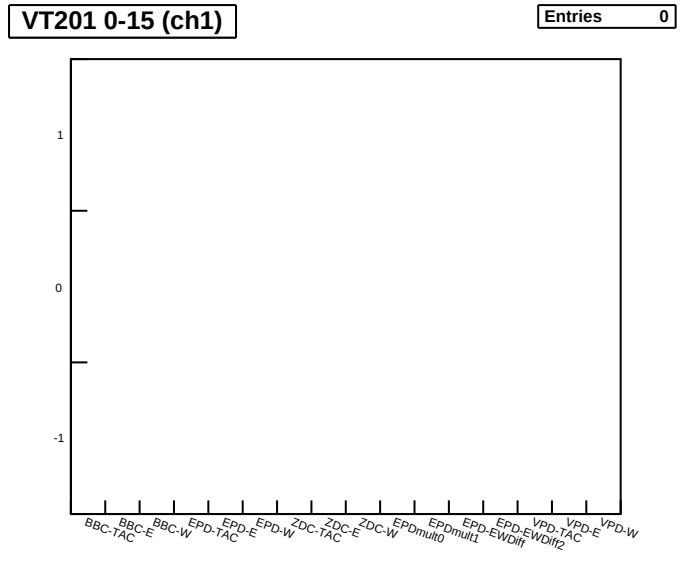

Laser Input Bits
Entries 461003
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

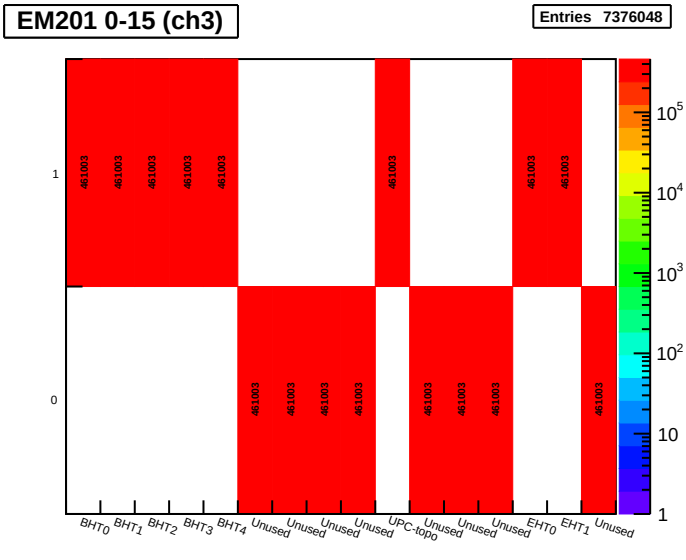

ST201 0-15 (ch6)
Entries 7376048
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
461003
461003
461003
461003
461003
461003
461003
461003
461003
461003
461003
461003
461003
461002
460996
1
7
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

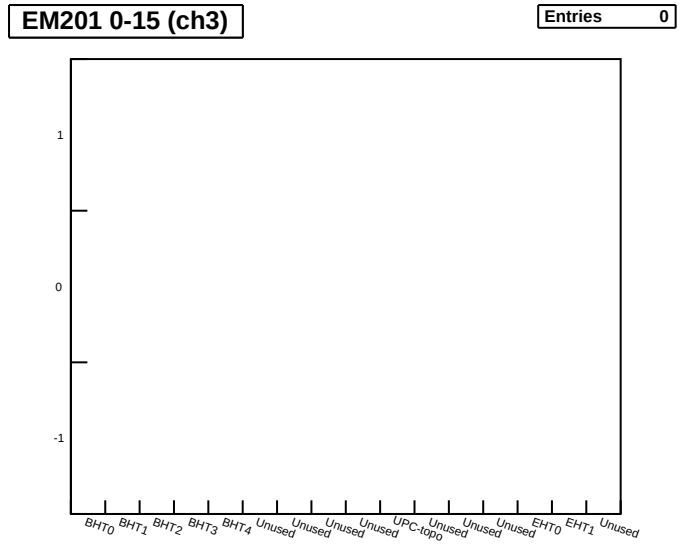

TF201 0-15 (ch0)
Entries 7376048
1
0
461003
455959
413175
388806
305095
384388
383660
379802
461003
461003
461003
461003
461003
461003
5044
47828
62197
155908
461003
76615
77343
81201
461003
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 7376048
1
0
139352
309225
390233
345605
455647
454266
753
9196
10288
189
419967
448919
215466
264406
354644
321641
151778
70770
115398
5356
6737
460250
451807
450715
460814
461003
41036
12084
245537
196597
106359
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 7376048
1
0
461003
461003
461003
461003
461003
461003
461003
461003
461003
461003
461003
461003
461003
461003
461003
461003
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