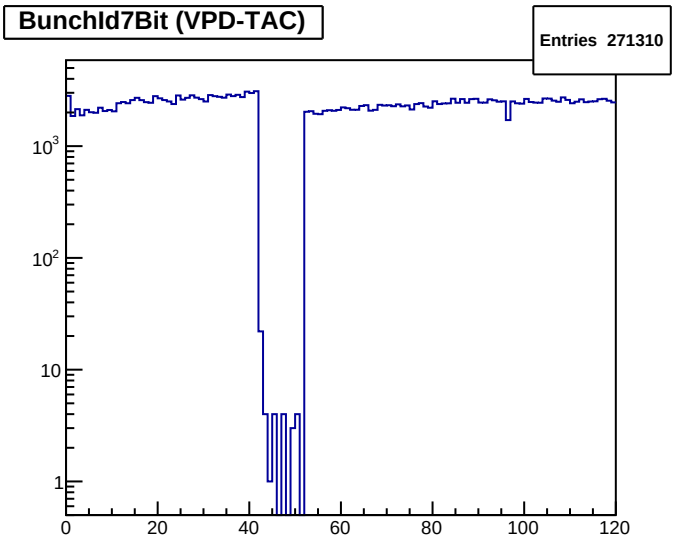
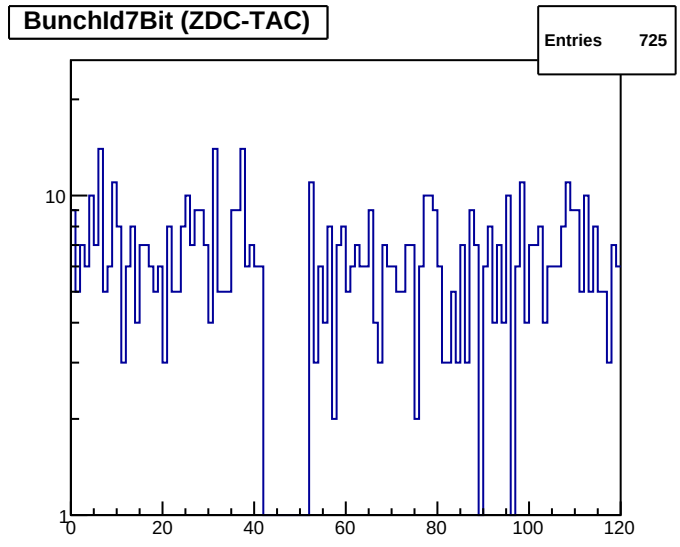
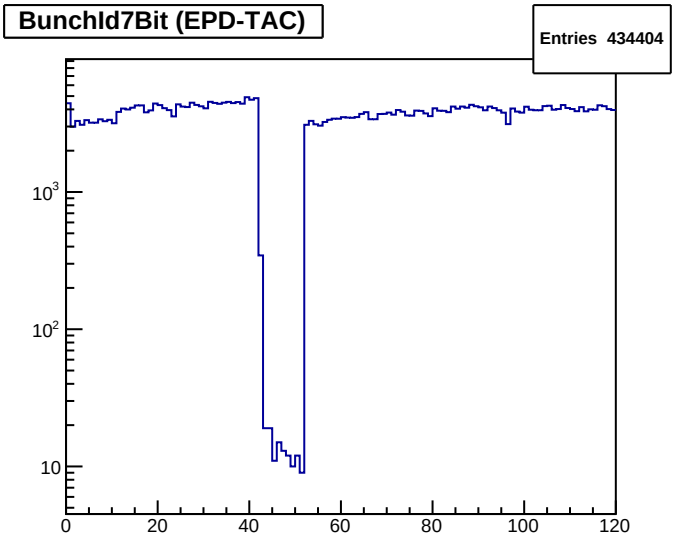
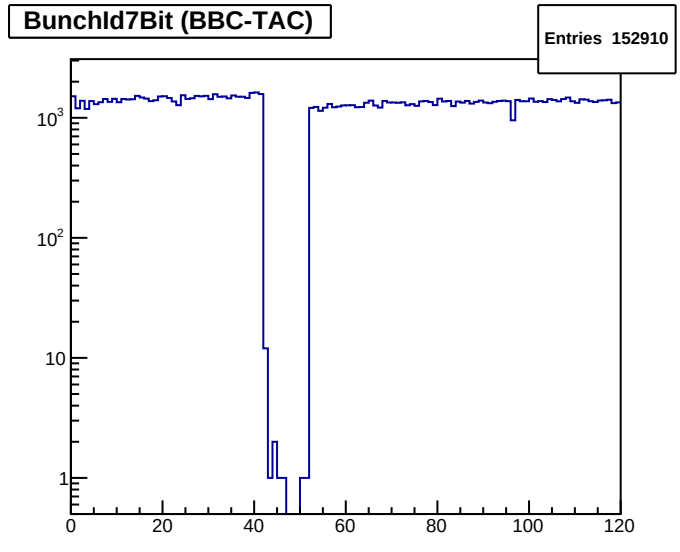
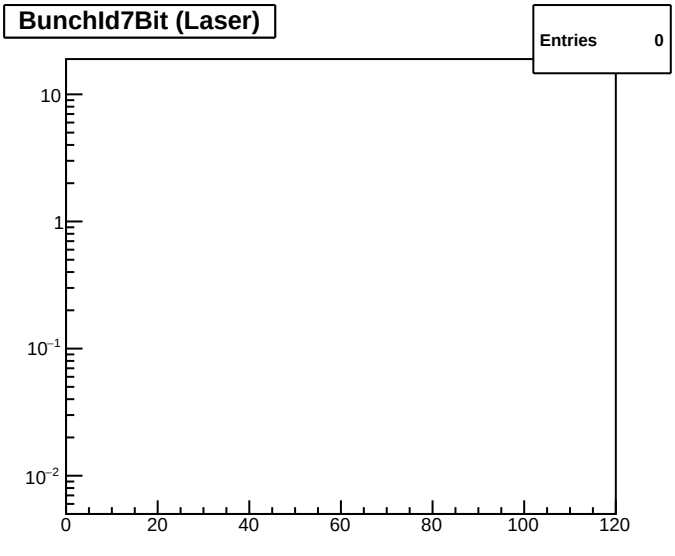
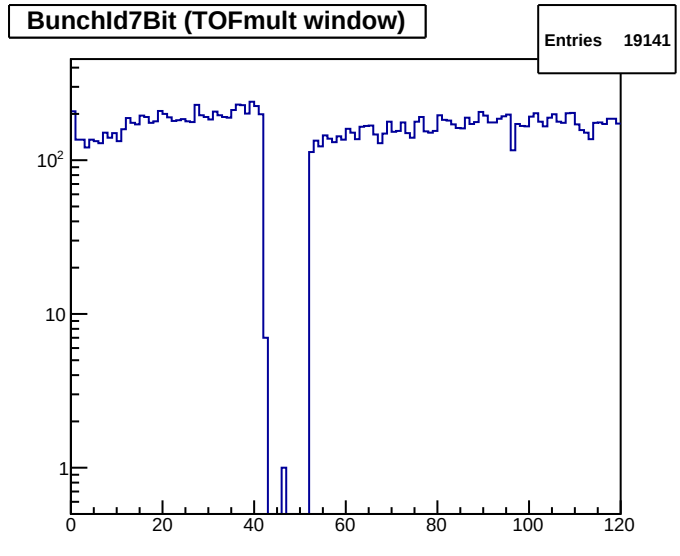

BunchId7Bit (VPD-TAC)
Entries 271310

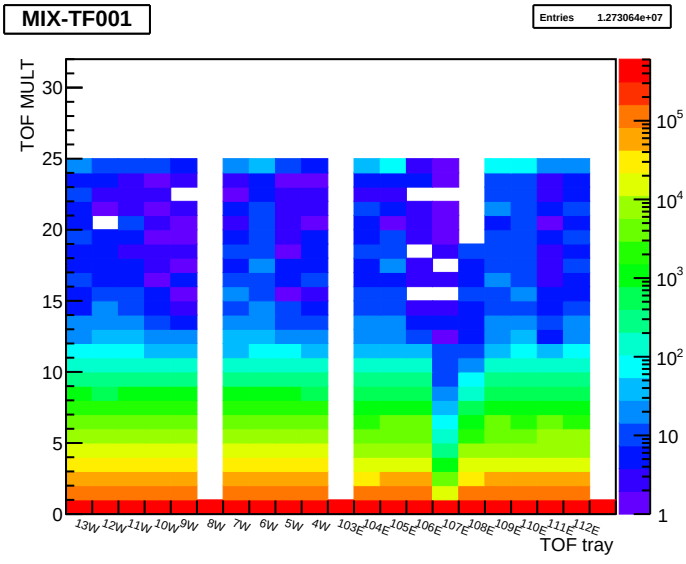

BunchId7Bit (ZDC-TAC)
Entries 725

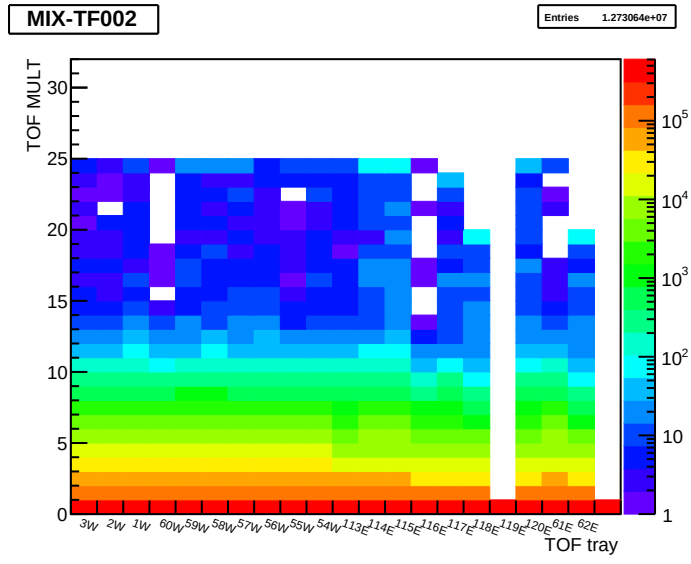

BunchId7Bit (EPD-TAC)
Entries 434404

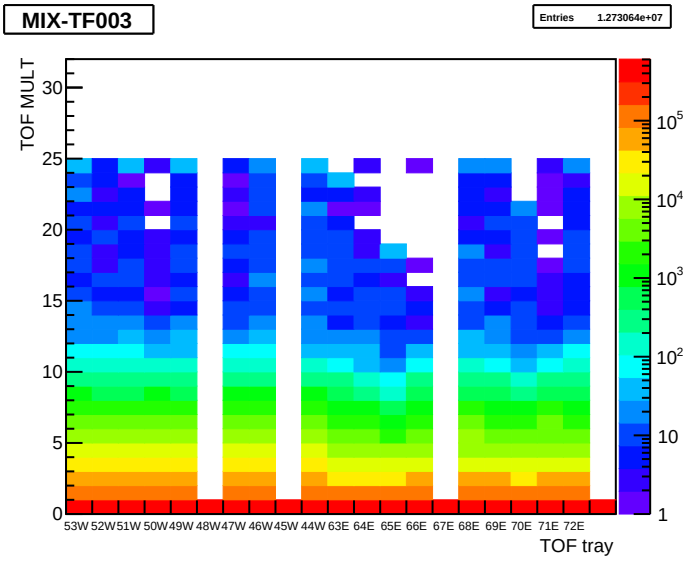

BunchId7Bit (BBC-TAC)
Entries 152910

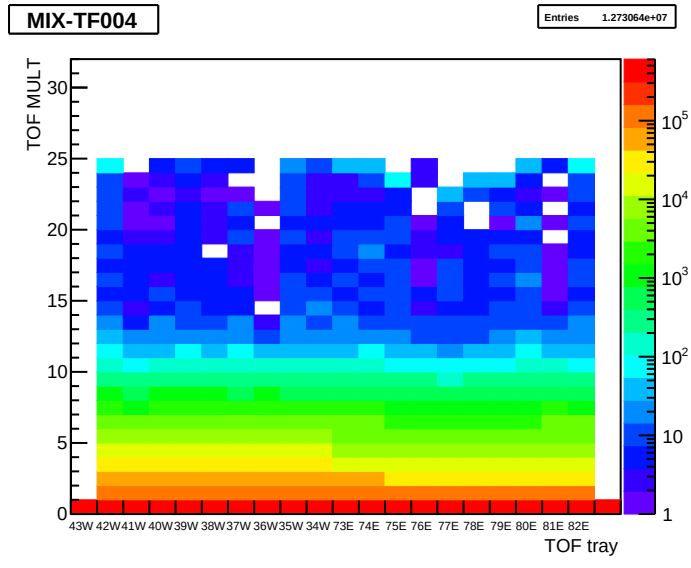

BunchId7Bit (Laser)
Entries 0

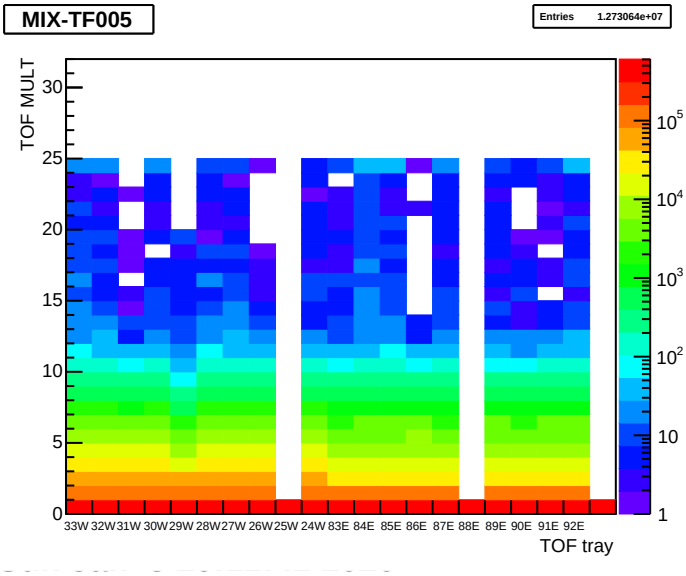

BunchId7Bit (TOFmult window)
Entries 19141

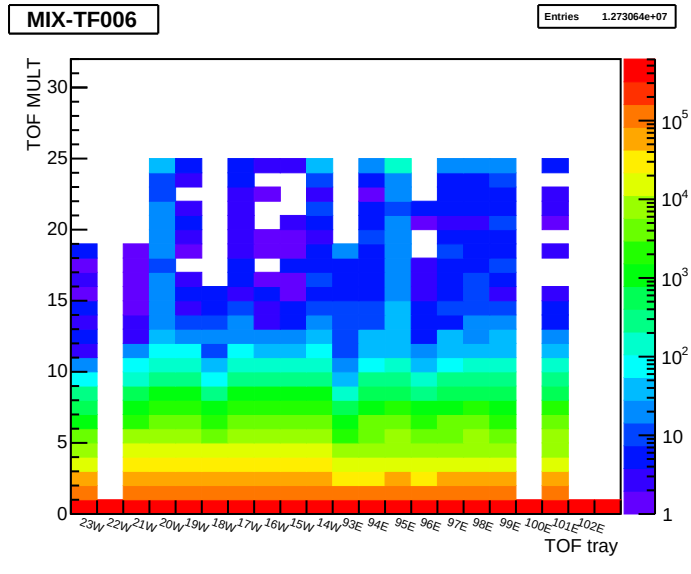

MIX-TF001
Entries 1.273064e+07
TOF MULT
TOF tray

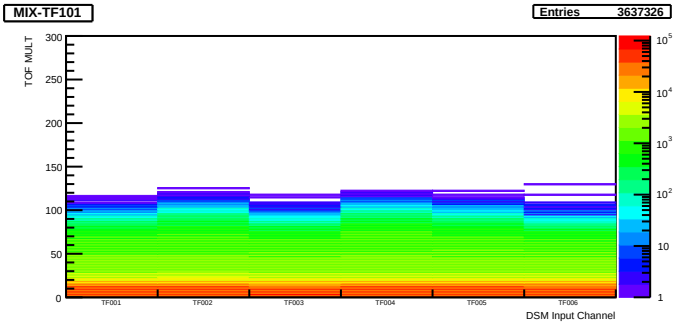

MIX-TF002
Entries 1.273064e+07
TOF MULT
TOF tray

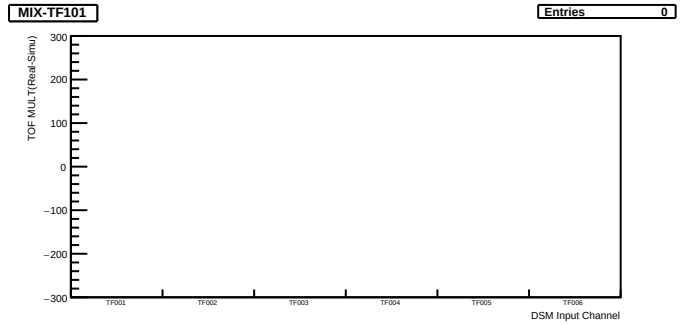

MIX-TF003
Entries 1.273064e+07
TOF MULT
TOF tray

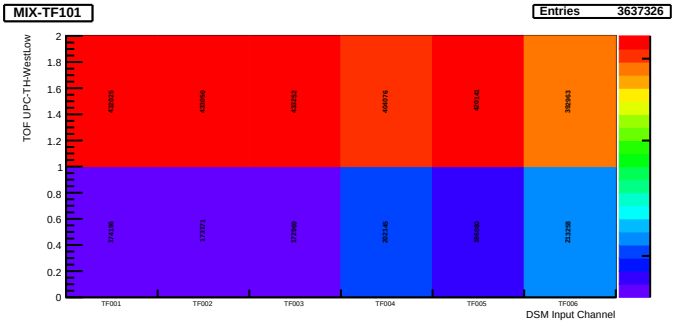

MIX-TF004
Entries 1.273064e+07
TOF MULT
TOF tray

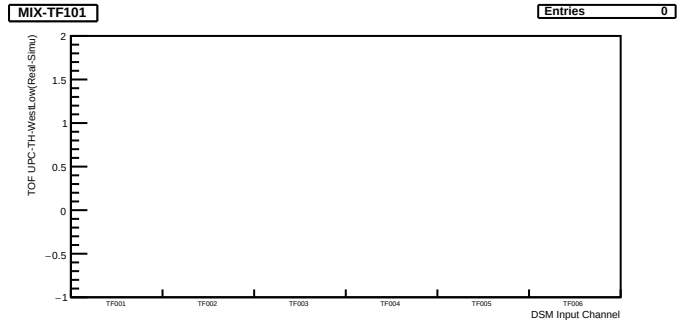

MIX-TF005
Entries 1.273064e+07
TOF MULT
TOF tray

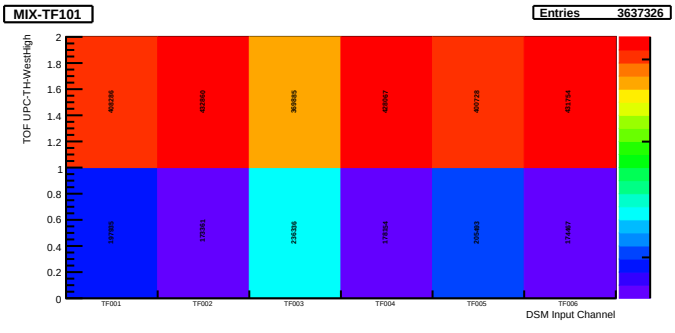

MIX-TF006
Entries 1.273064e+07
TOF MULT
TOF tray

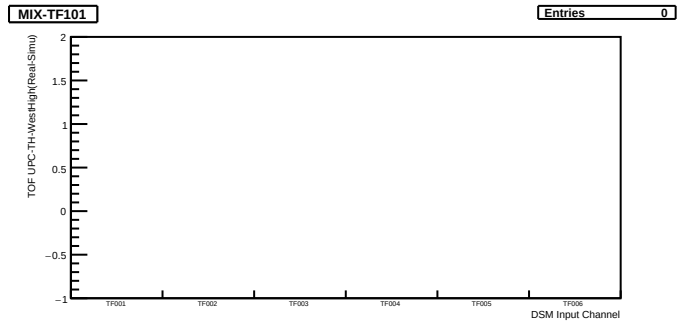

MIX-TF101
Entries 3637326
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

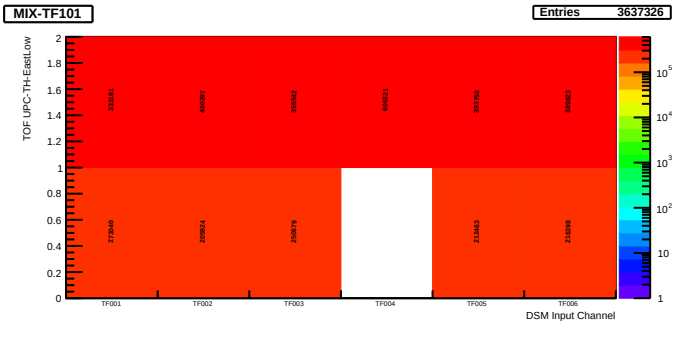

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

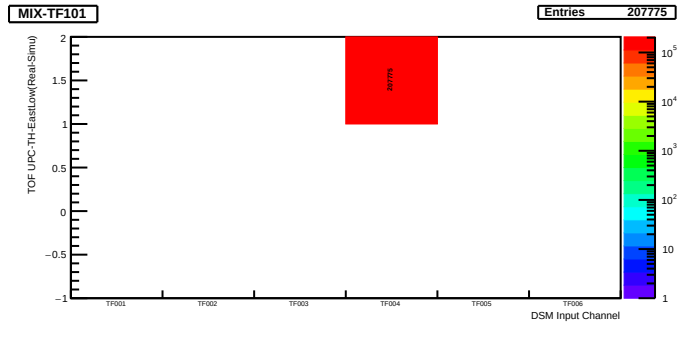

MIX-TF101
Entries 3637326
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

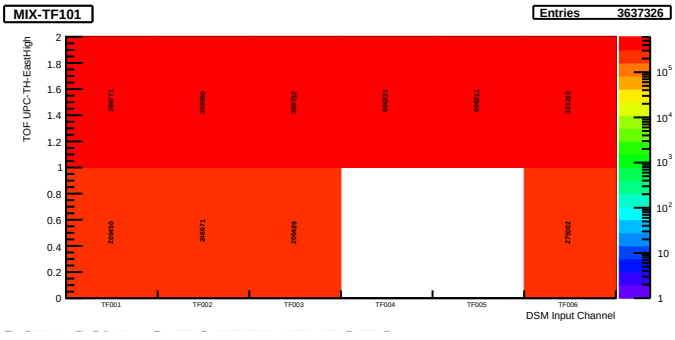

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

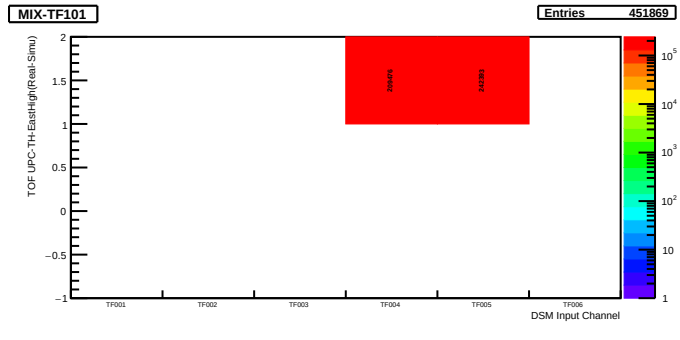

MIX-TF101
Entries 3637326
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

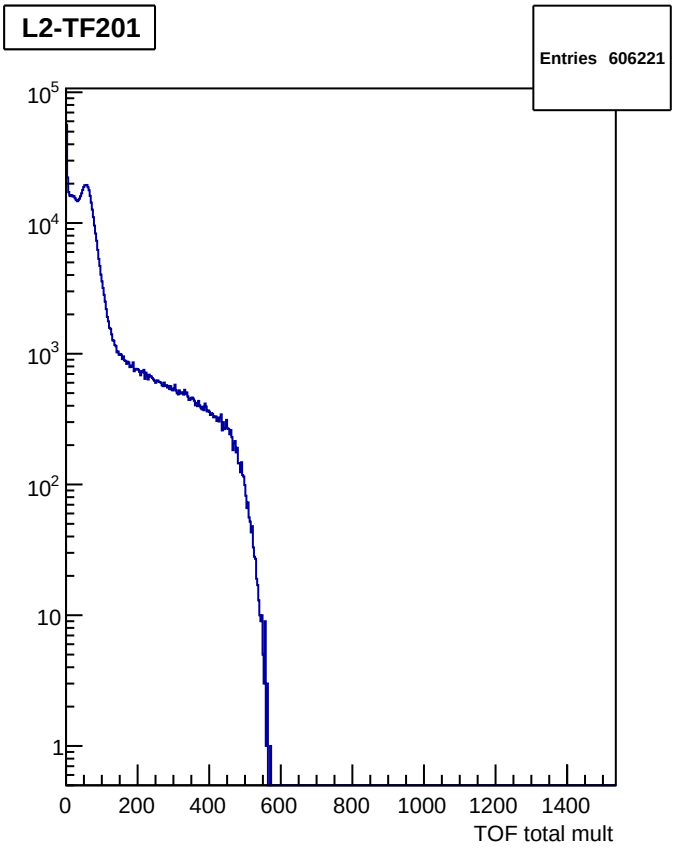

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

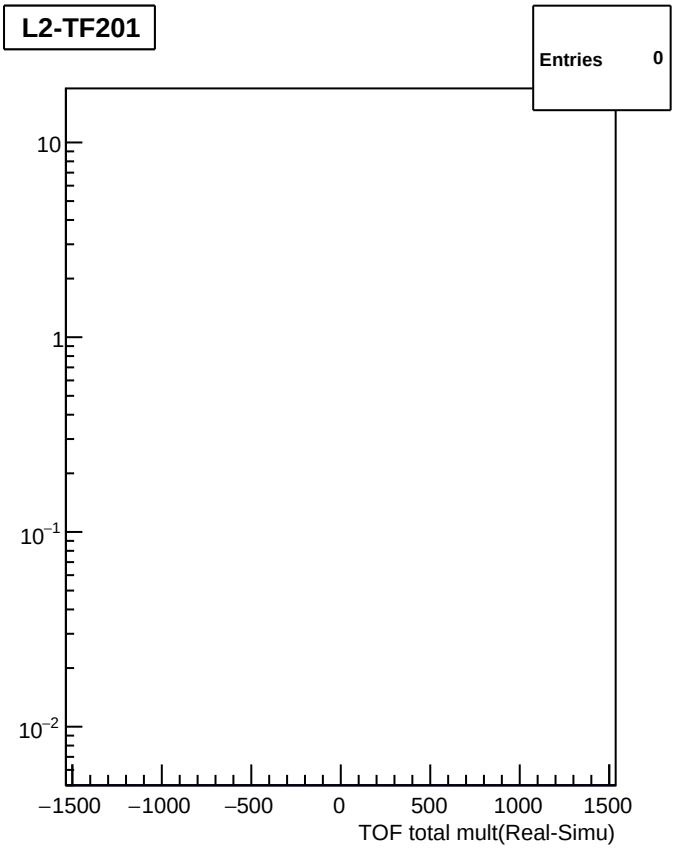

MIX-TF101
Entries 3637326
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

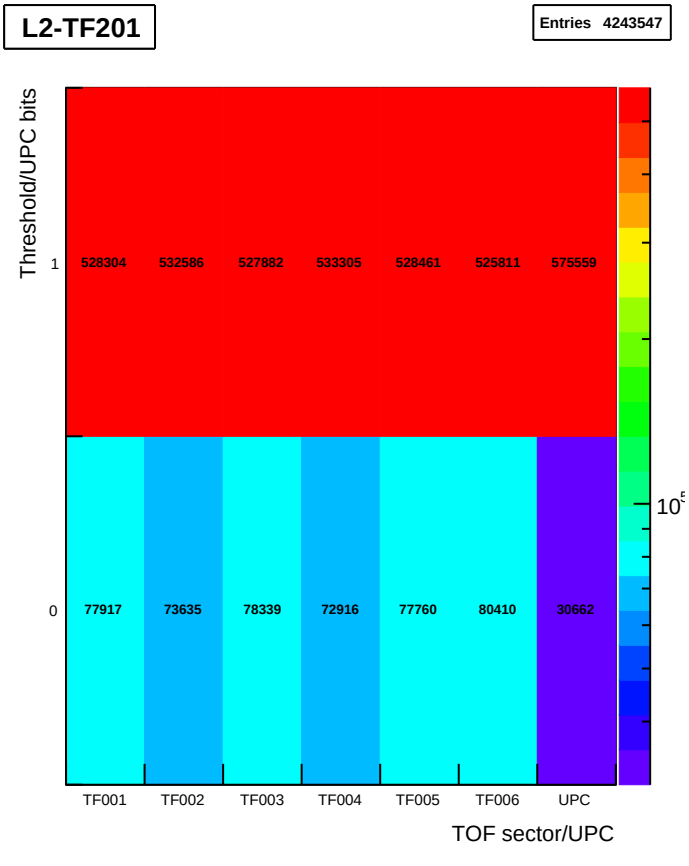

MIX-TF101
Entries 207775
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

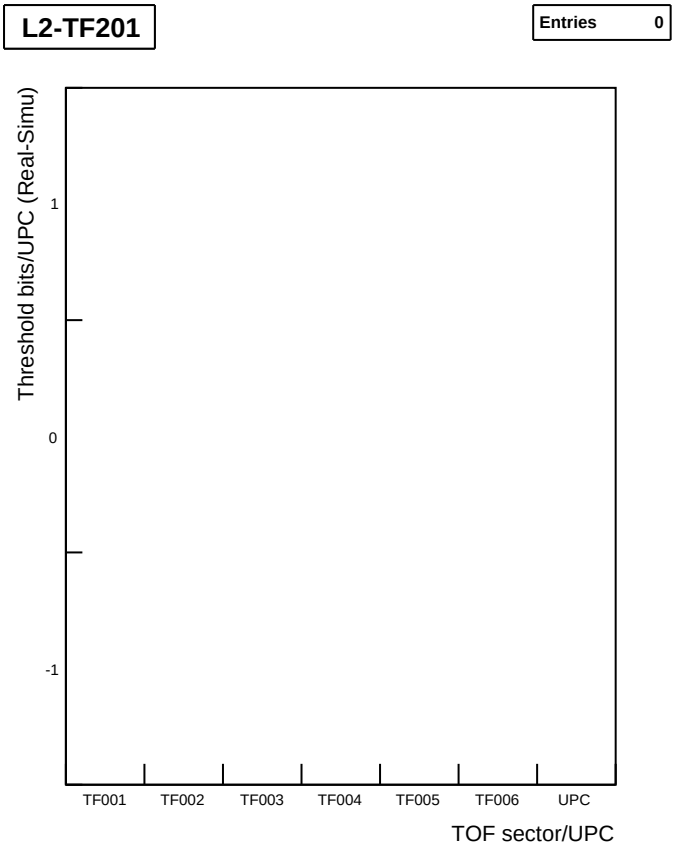

MIX-TF101
Entries 3637326
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

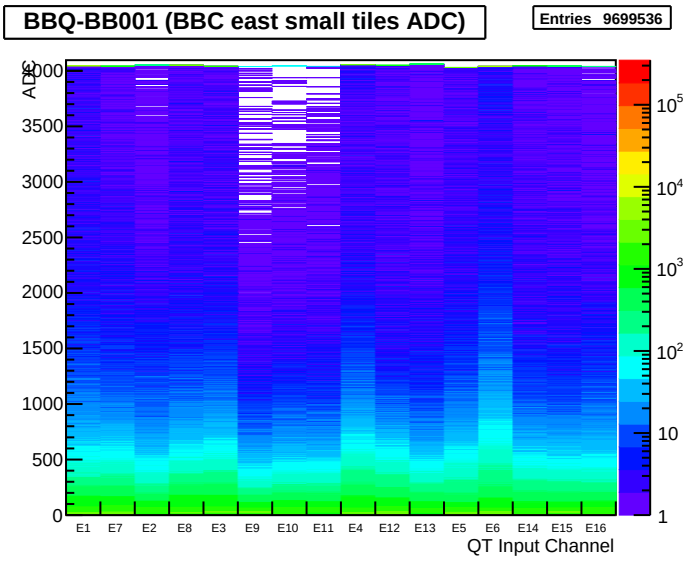

MIX-TF101
Entries 451869
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

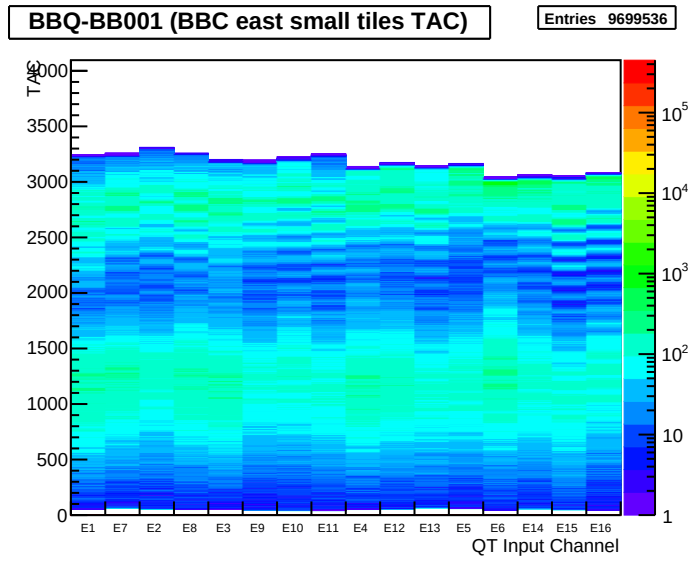

L2-TF201
Entries 606221
TOF total mult

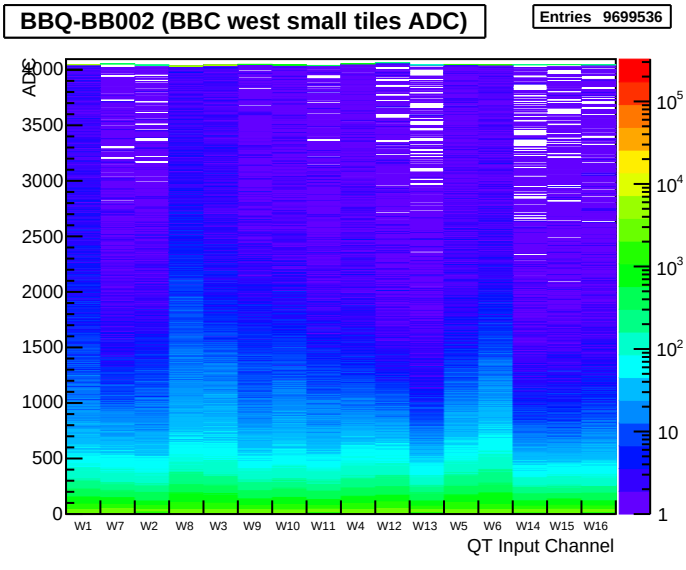

L2-TF201
Entries 0
TOF total mult(Real-Simu)

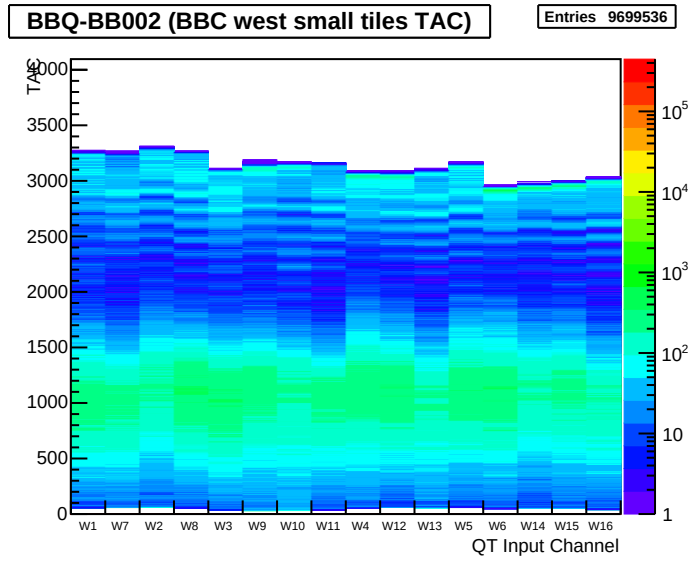

L2-TF201
Entries 4243547
Threshold/UPC bits
528304
532586
527882
533305
528461
525811
575559
77917
73635
78339
72916
77760
80410
30662
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

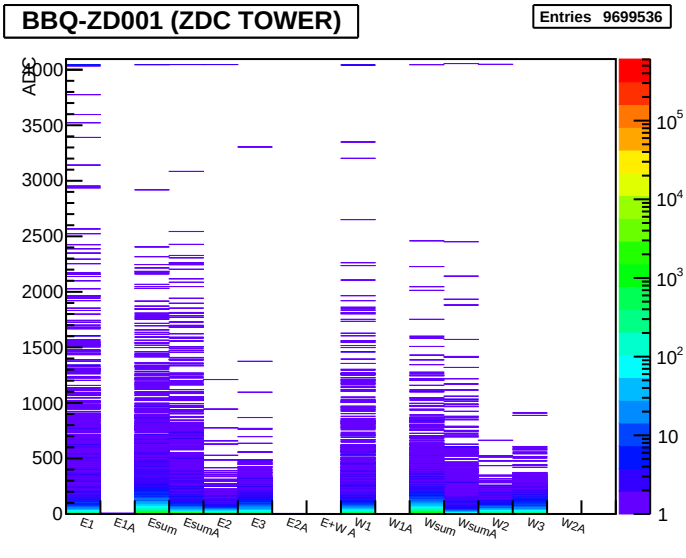

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

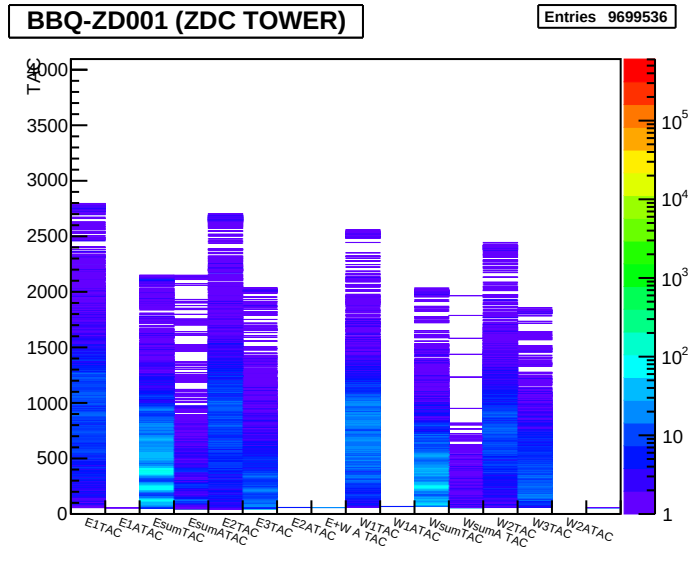

BBQ-BB001 (BBC east small tiles ADC)
Entries 9699536
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

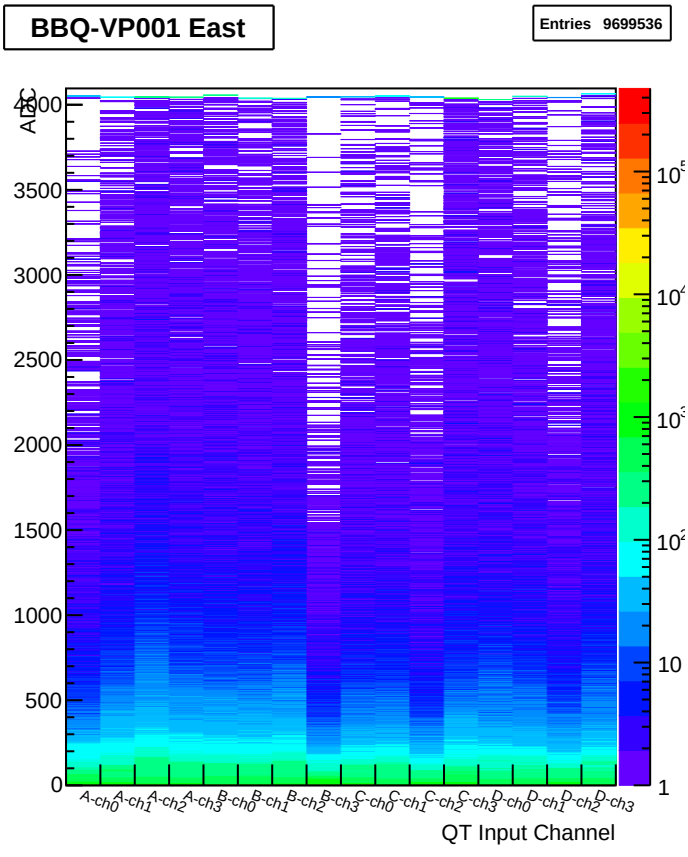

BBQ-BB001 (BBC east small tiles TAC)
Entries 9699536
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

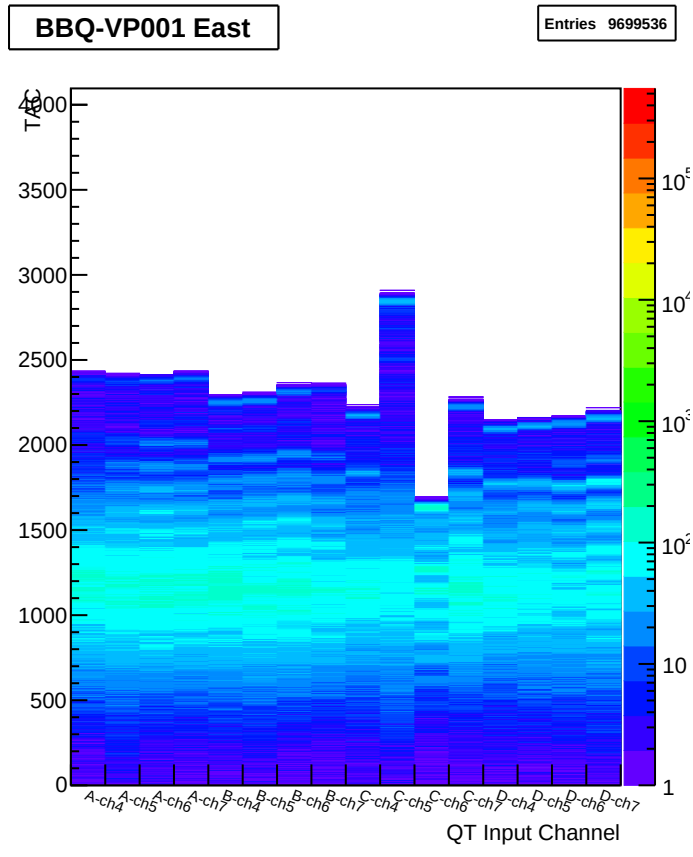

BBQ-BB002 (BBC west small tiles ADC)
Entries 9699536
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

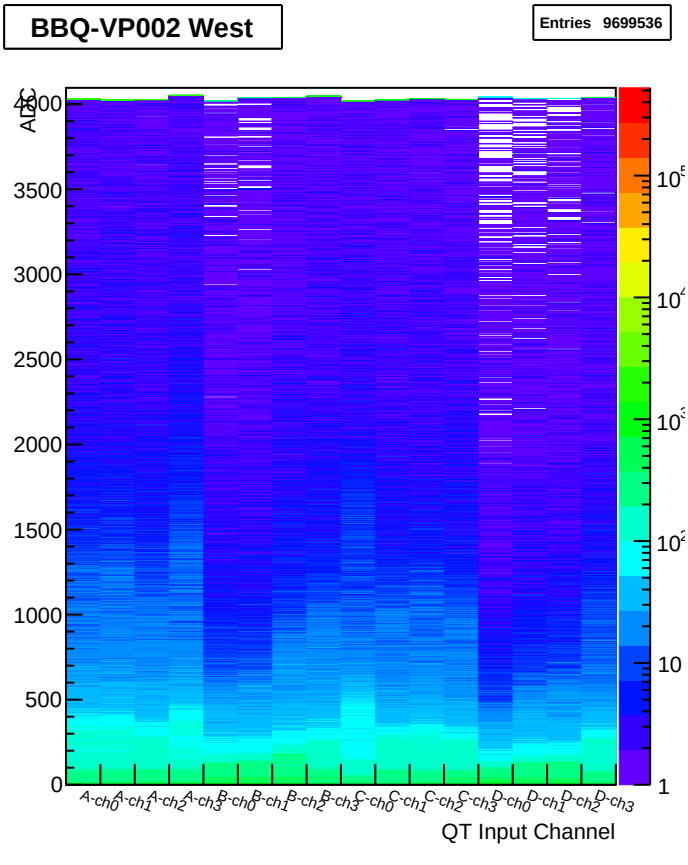

BBQ-BB002 (BBC west small tiles TAC)
Entries 9699536
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

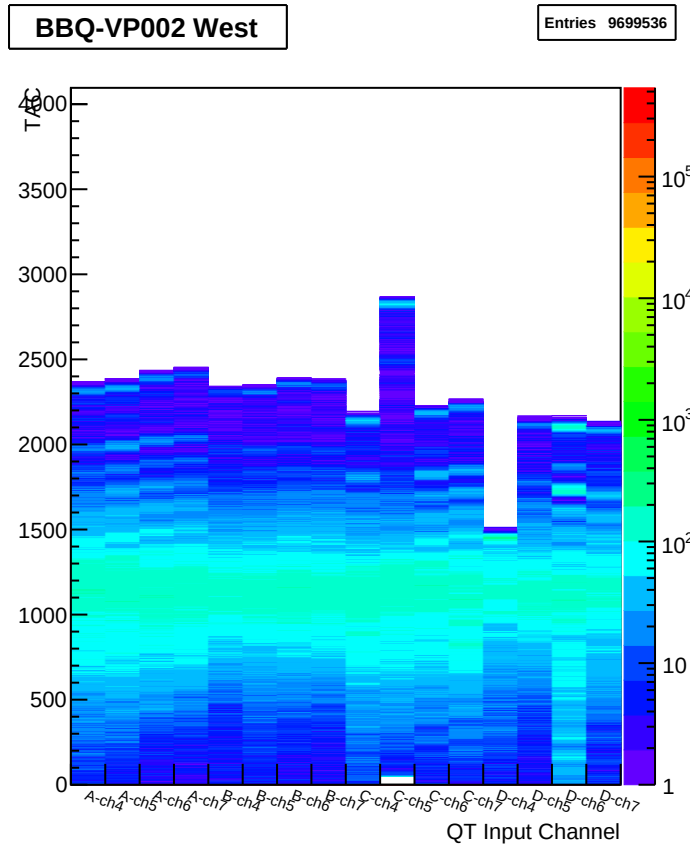

BBQ-ZD001 (ZDC TOWER)
Entries 9699536
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

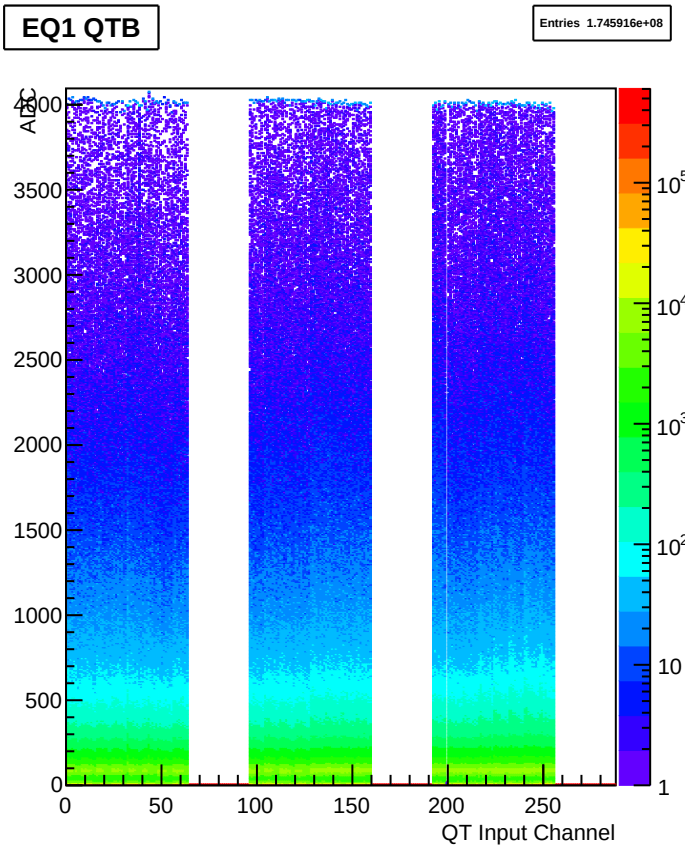

BBQ-ZD001 (ZDC TOWER)
Entries 9699536
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

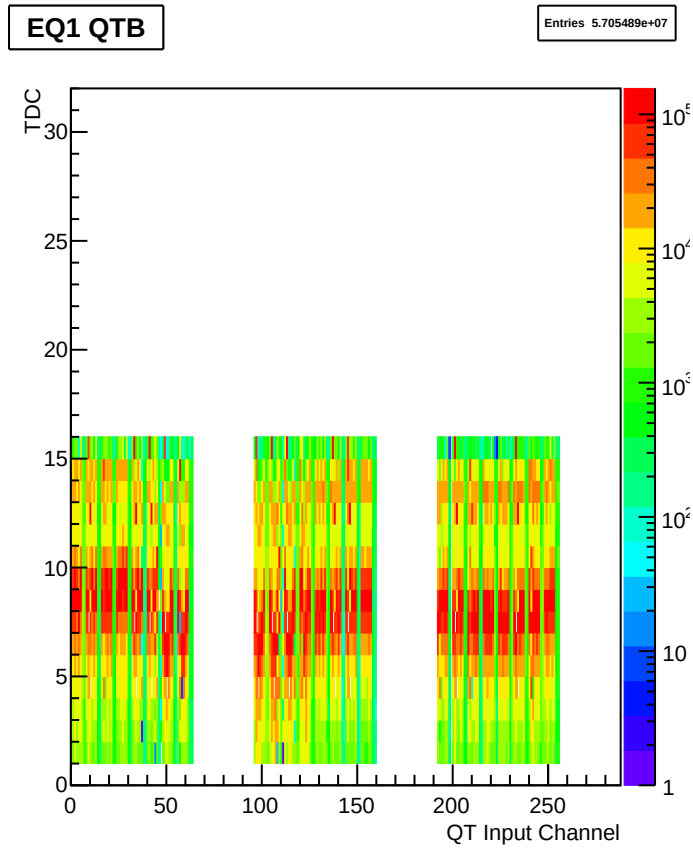

BBQ-VP001 East
Entries 9699536
ADC
QT Input Channel

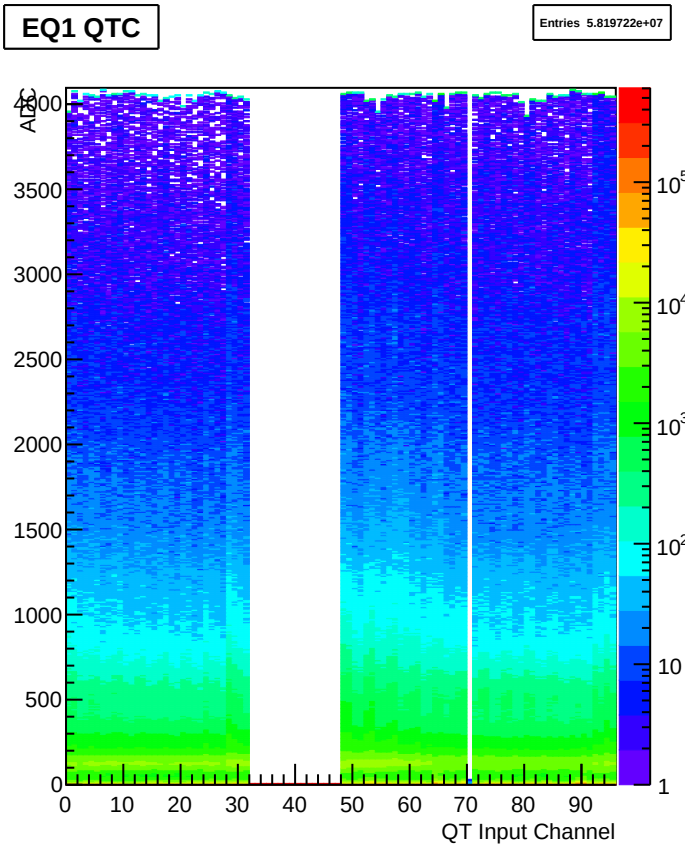

BBQ-VP001 East
Entries 9699536
ADC
QT Input Channel

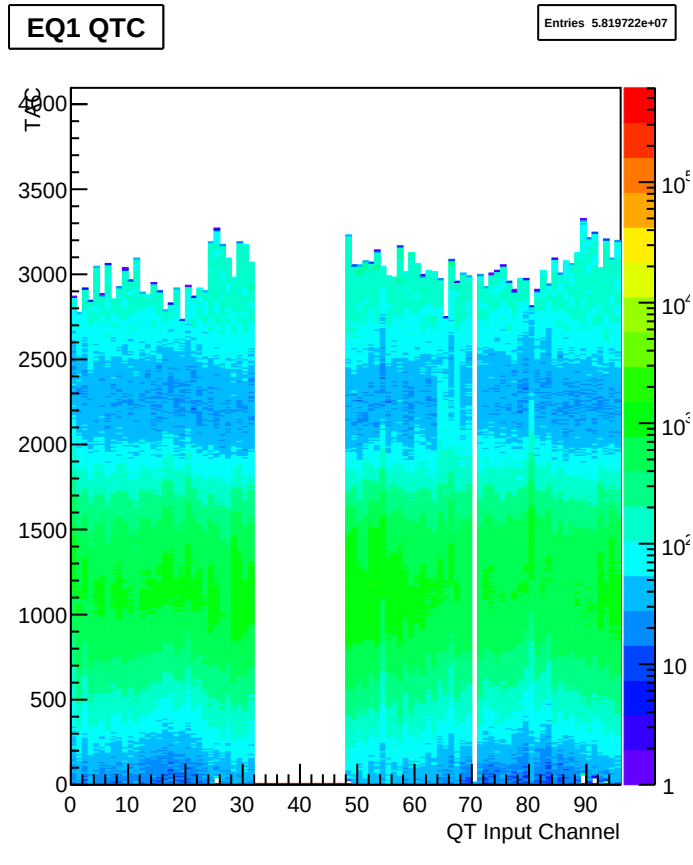

BBQ-VP002 West
Entries 9699536
ADC
QT Input Channel

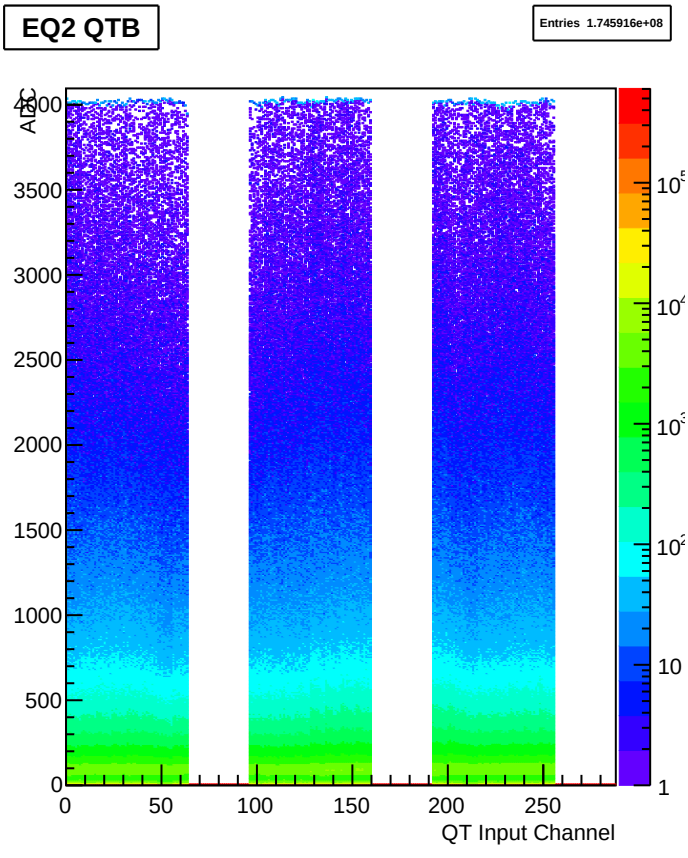

BBQ-VP002 West
Entries 9699536
ADC
QT Input Channel

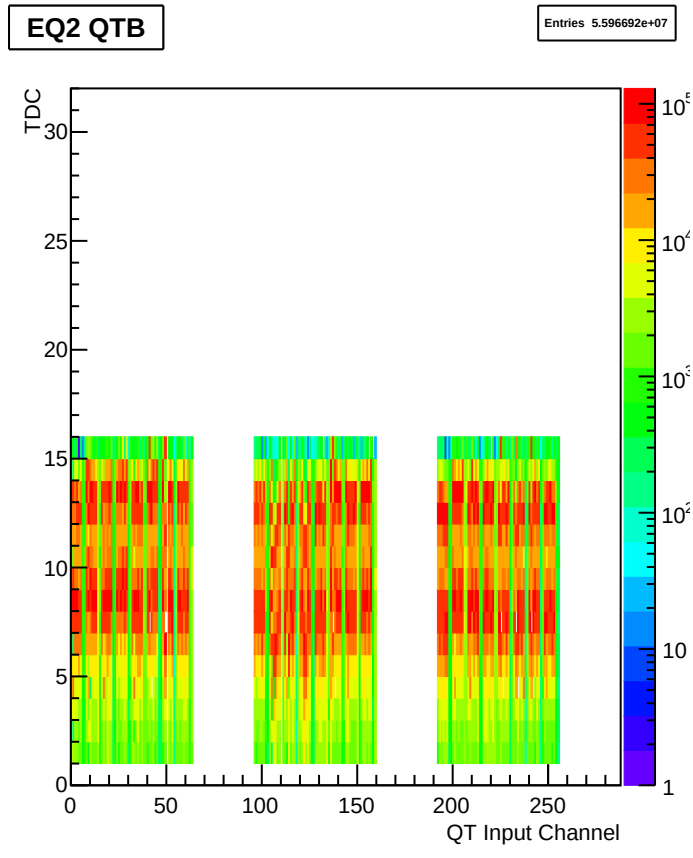

EQ1 QTB
Entries 1.745916e+08
ADC
QT Input Channel

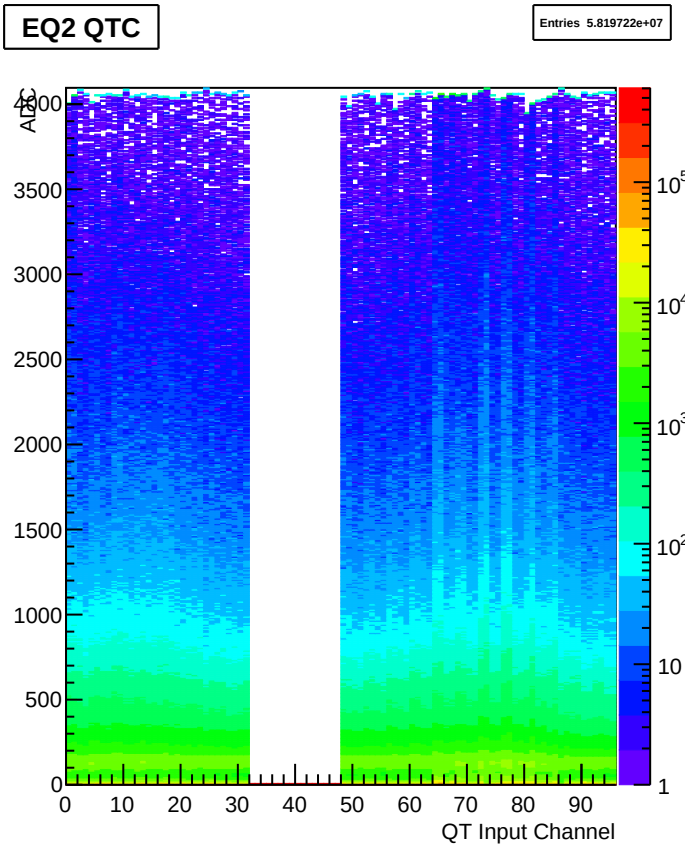

EQ1 QTB
Entries 5.705489e+07
TDC
QT Input Channel

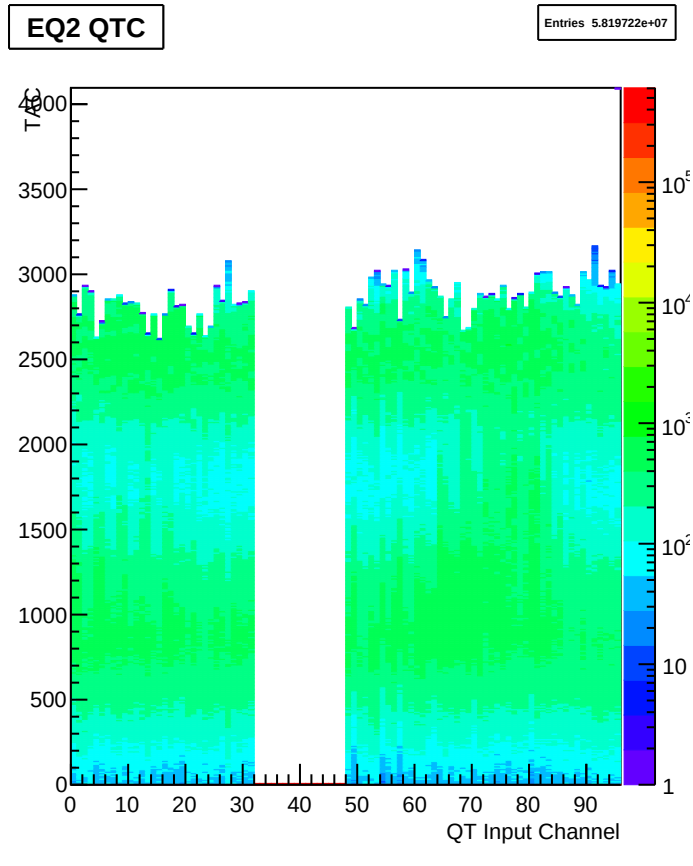

EQ1 QTC
Entries 5.819722e+07
ADC
QT Input Channel

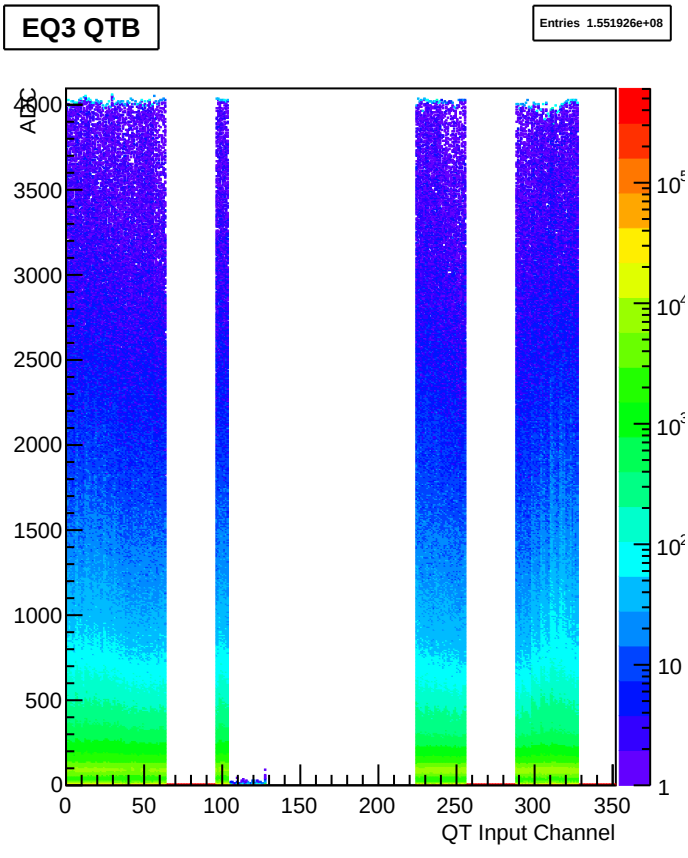

EQ1 QTC
Entries 5.819722e+07
TADC
QT Input Channel

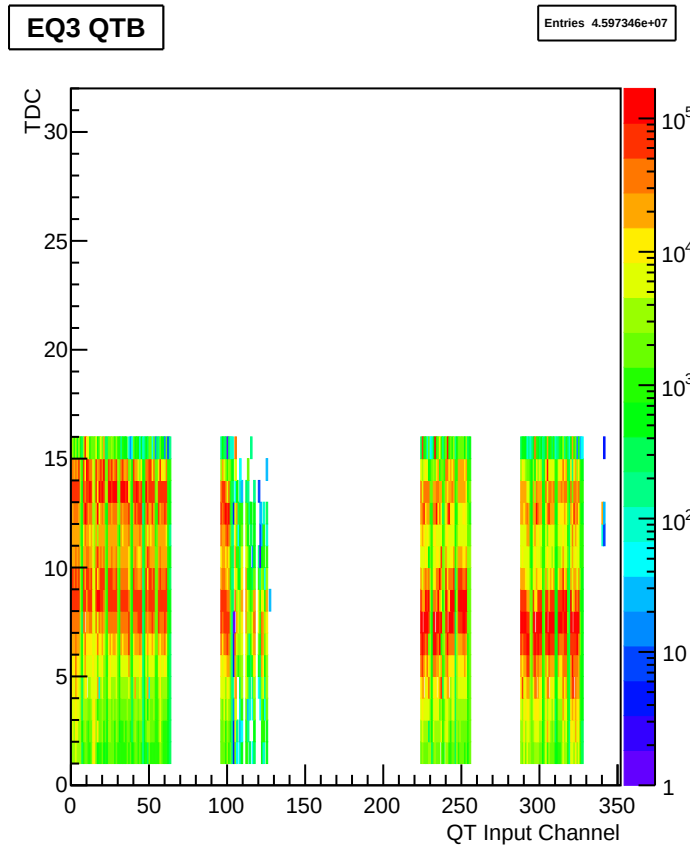

EQ2 QTB
Entries 1.745916e+08
ADC
QT Input Channel

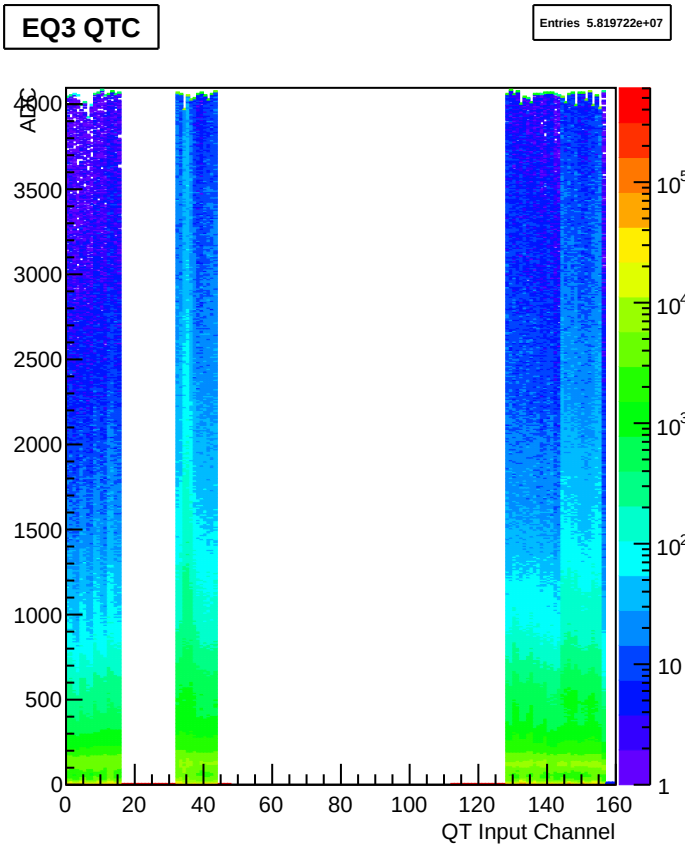

EQ2 QTB
Entries 5.596692e+07
TDC
QT Input Channel

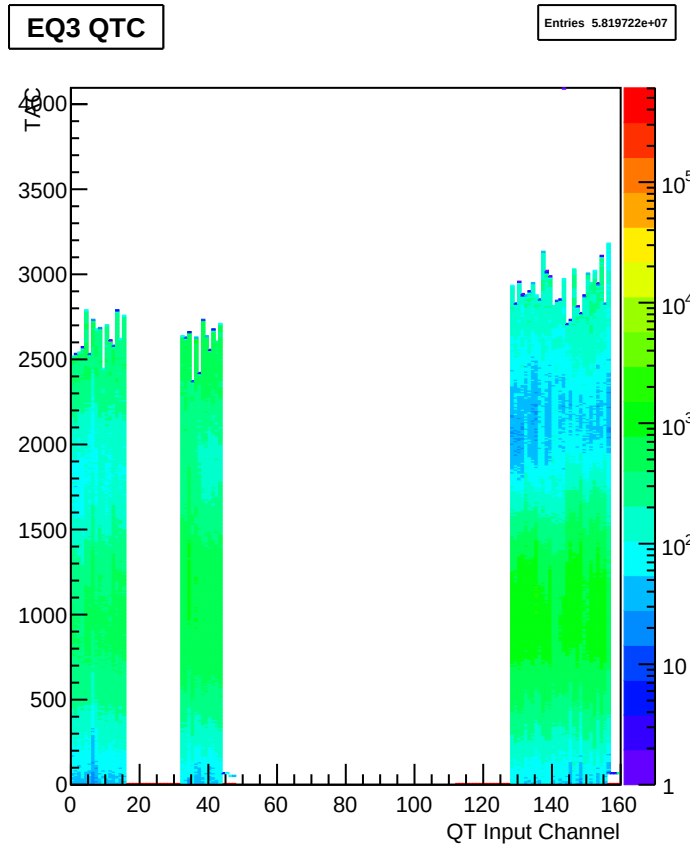

EQ2 QTC
Entries 5.819722e+07
ADC
QT Input Channel

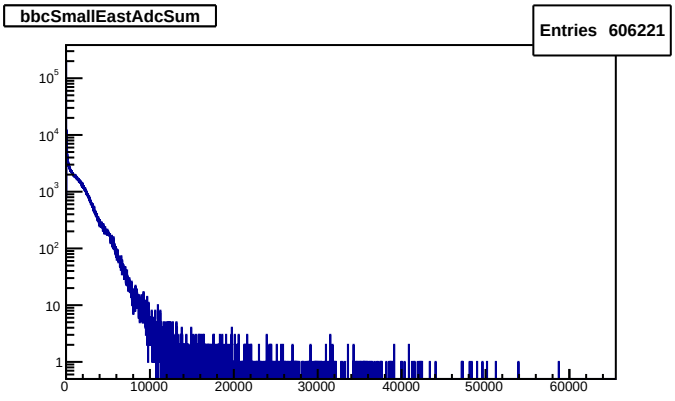

EQ2 QTC
Entries 5.819722e+07
TADC
QT Input Channel

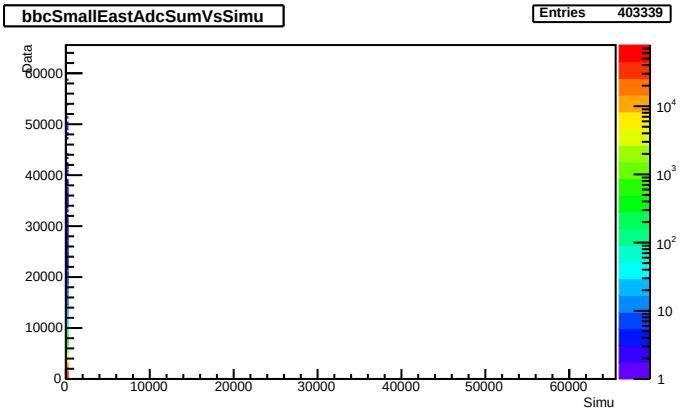

EQ3 QTB
Entries 1.551926e+08
ADC
QT Input Channel

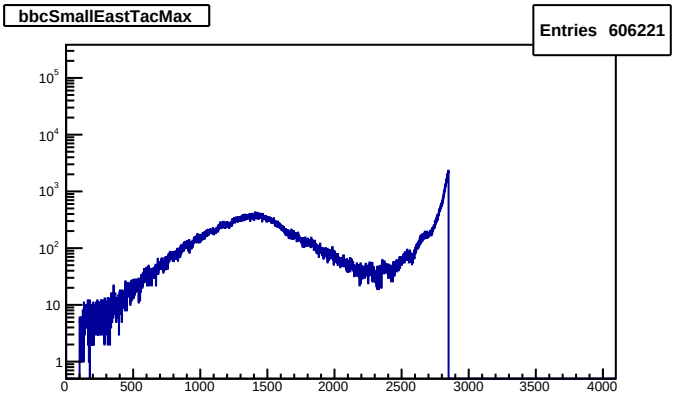

EQ3 QTB
Entries 4.597346e+07
TDC
QT Input Channel

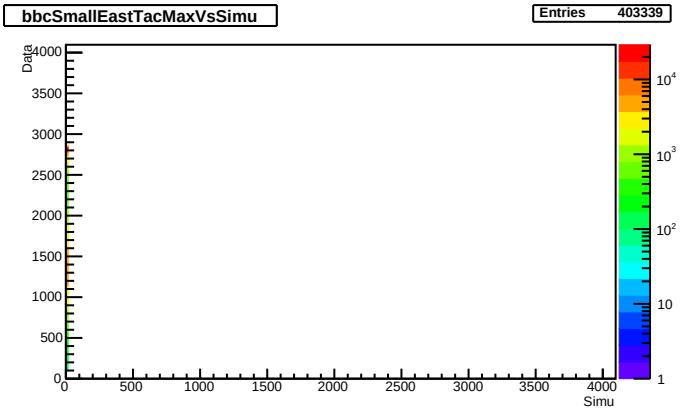

EQ3 QTC
Entries 5.819722e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.819722e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 606221


bbcSmallEastAdcSumVsSimu
Entries 403339
Data
Simu


bbcSmallEastTacMax
Entries 606221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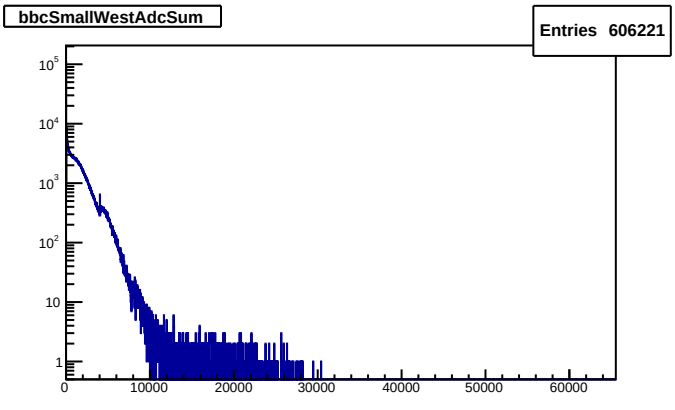
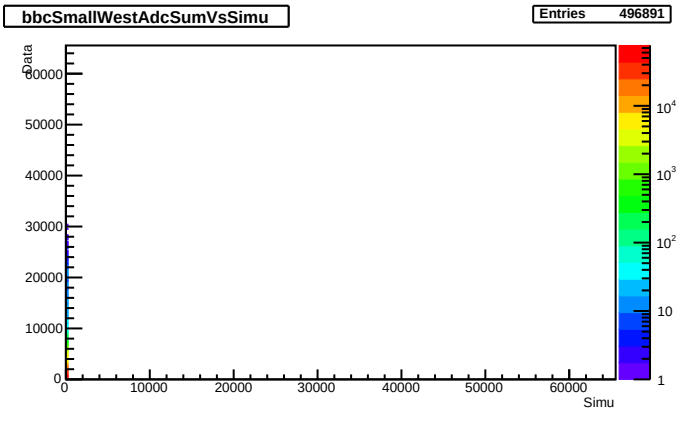
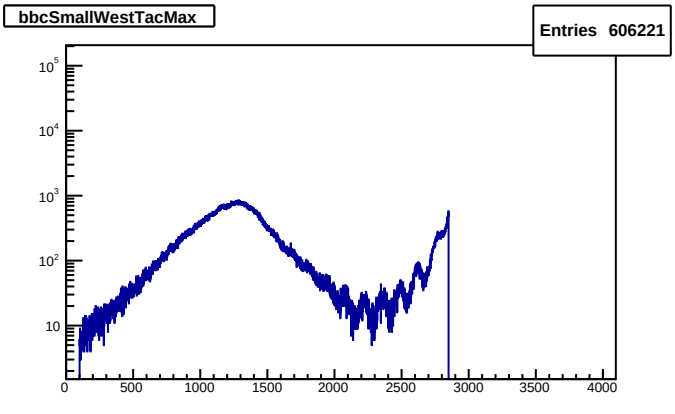
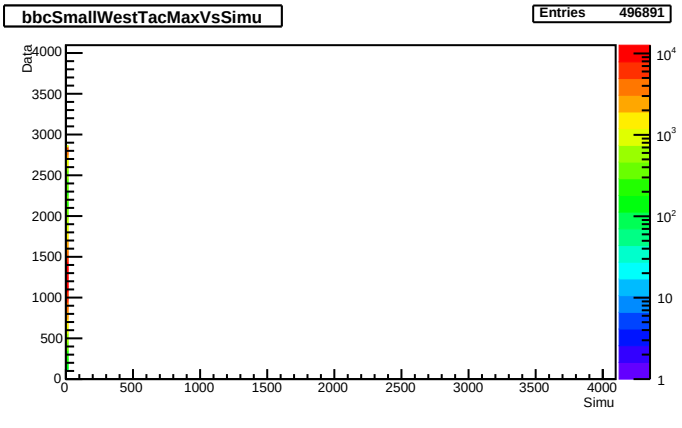
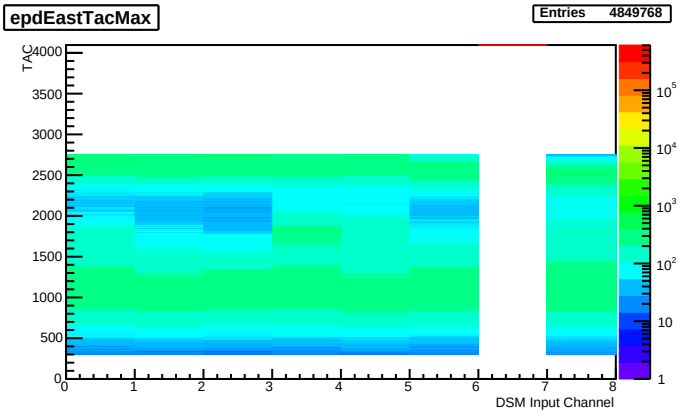
Entries 403339
Data
Simu

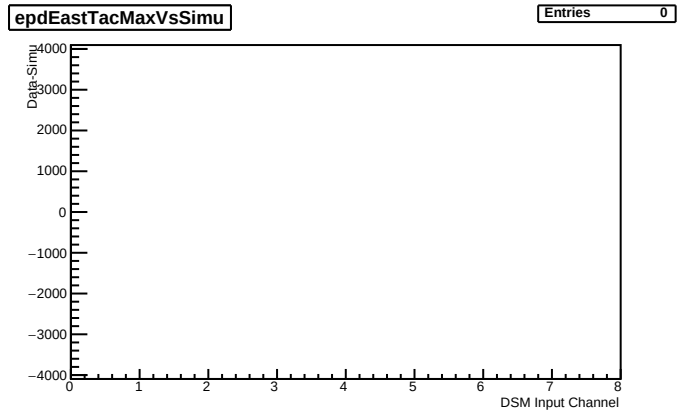

bbcSmallWestAdcSum
Entries 606221

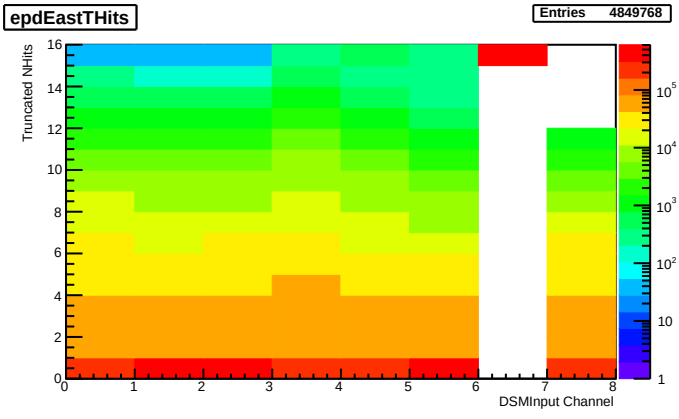

bbcSmallWestAdcSumVsSimu
Entries 496891
Data
Simu

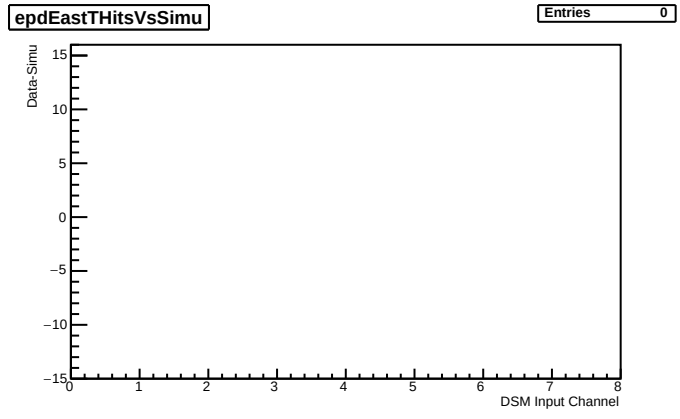

bbcSmallWestTacMax
Entries 606221

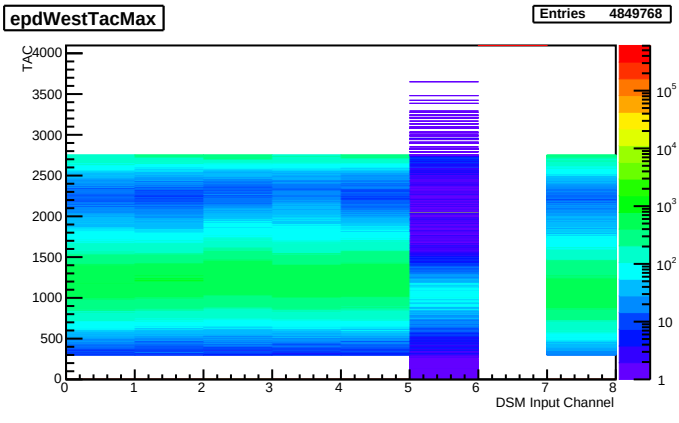

bbcSmallWestTacMaxVsSimu
Entries 496891
Data
Simu

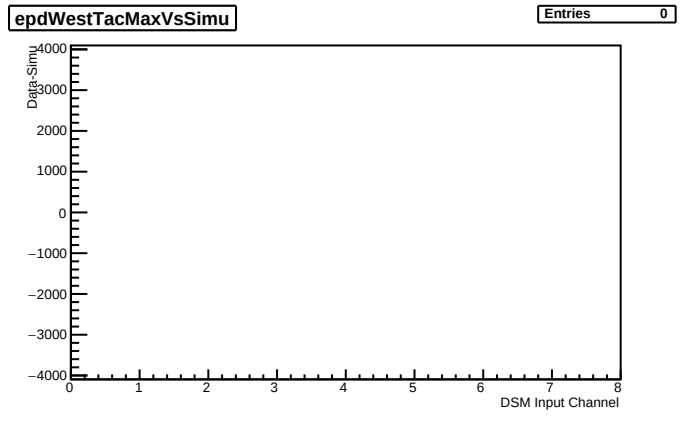

epdEastTacMax
Entries 4849768
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4849768
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4849768
TAC
DSM Input Channel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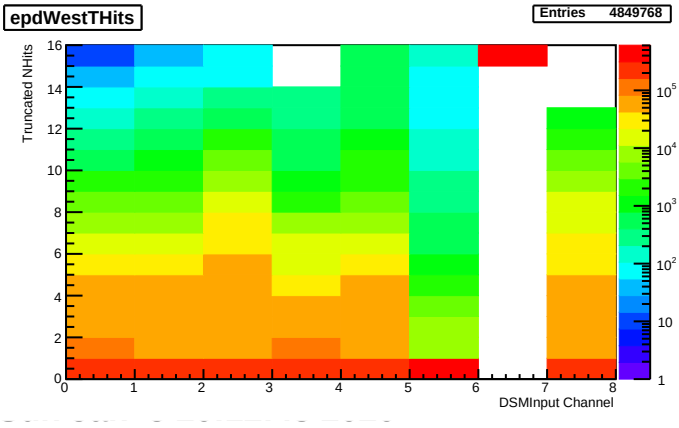
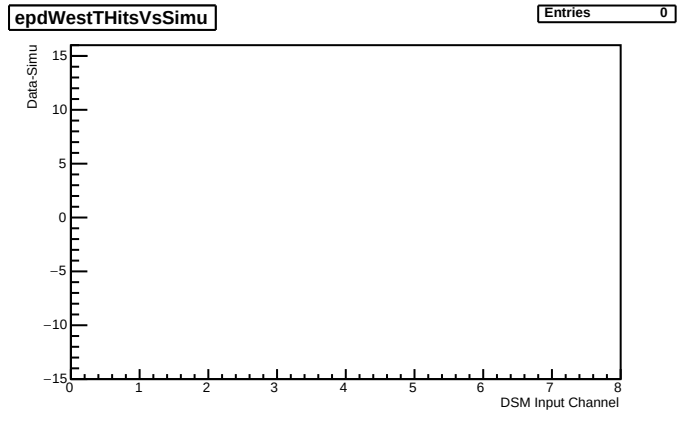
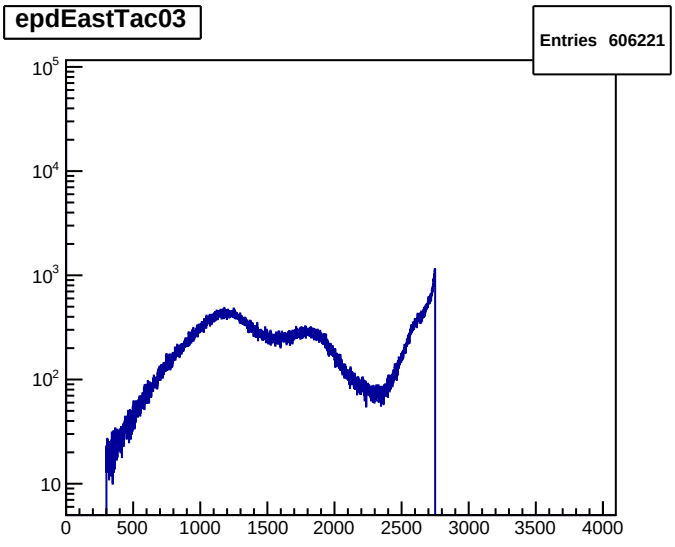
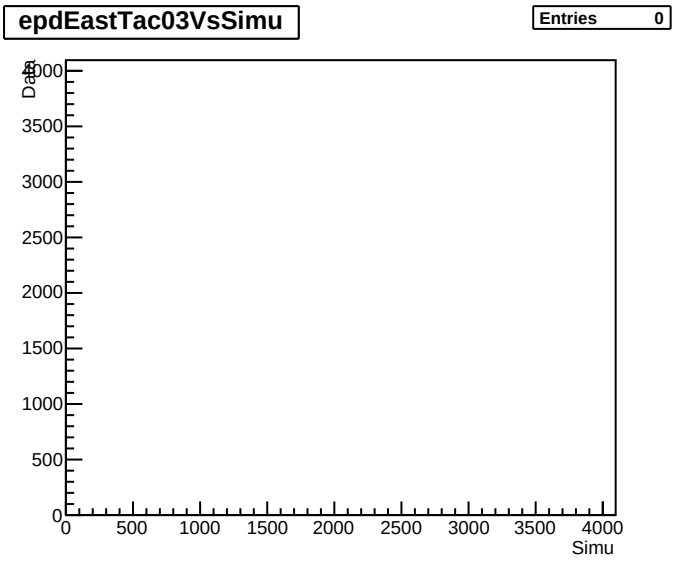
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4849768
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 606221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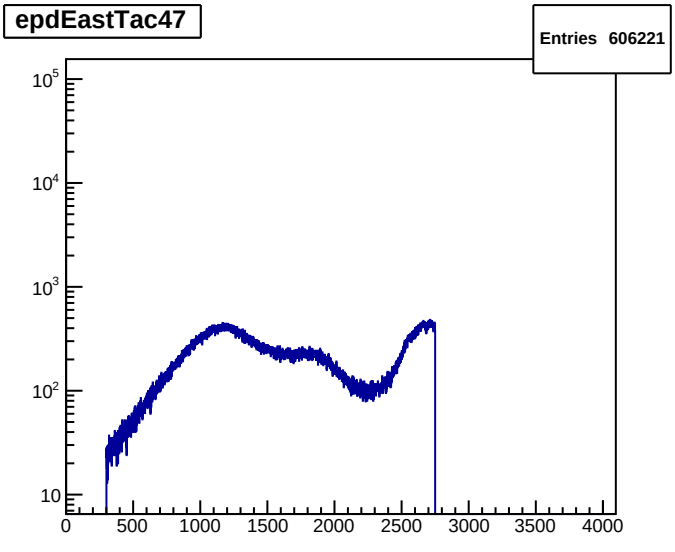
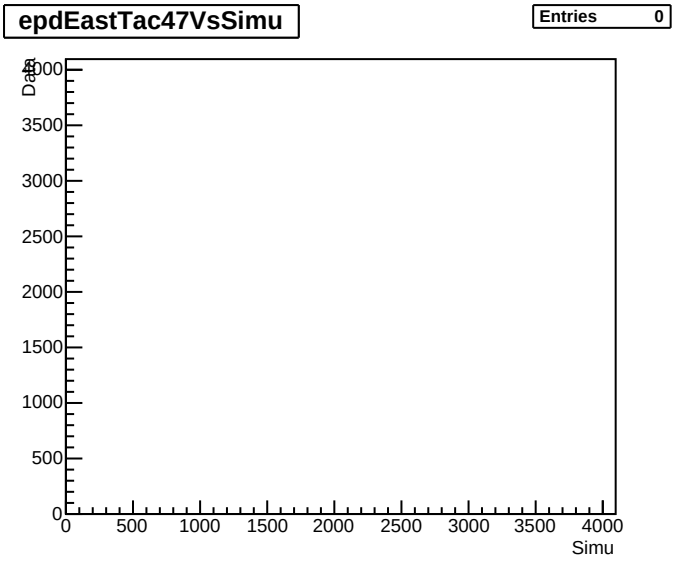
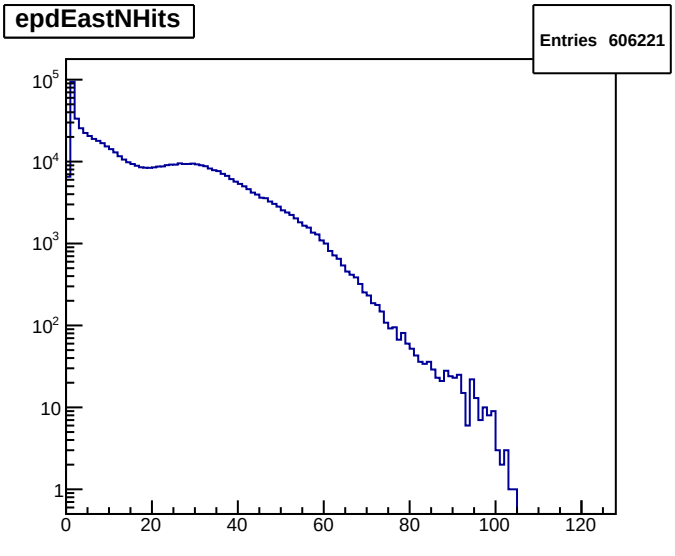
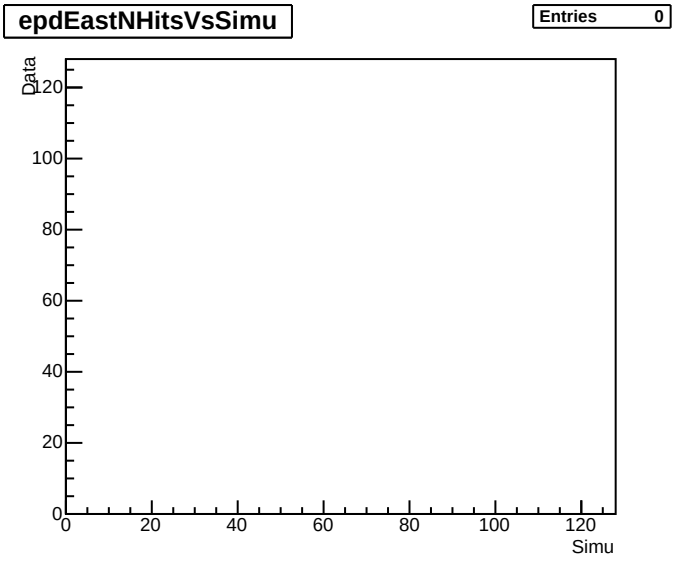
Entries 0
Data
Simu


epdEastTac47
Entries 606221


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 606221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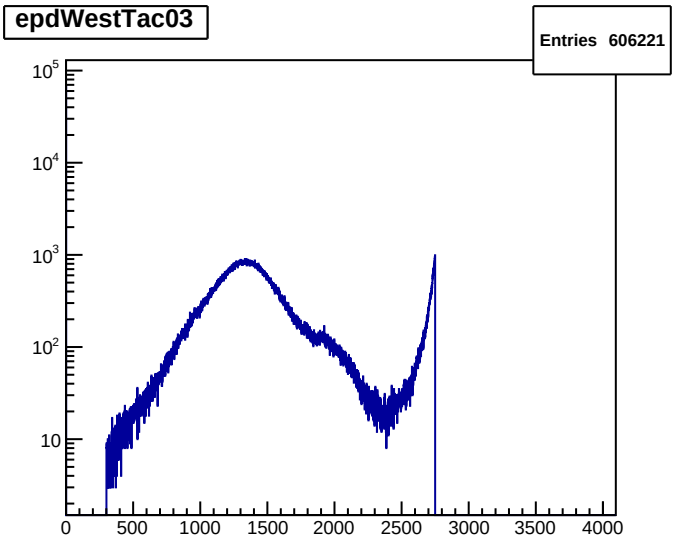
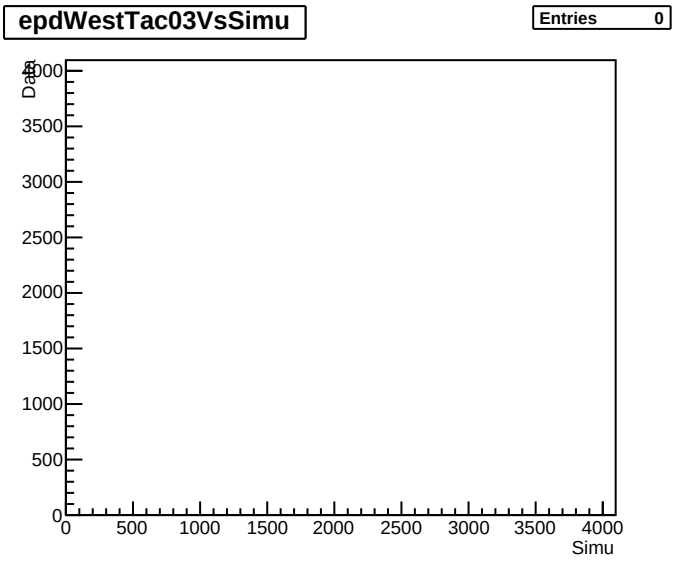
Entries 0
Data
Simu


epdWestTac03
Entries 606221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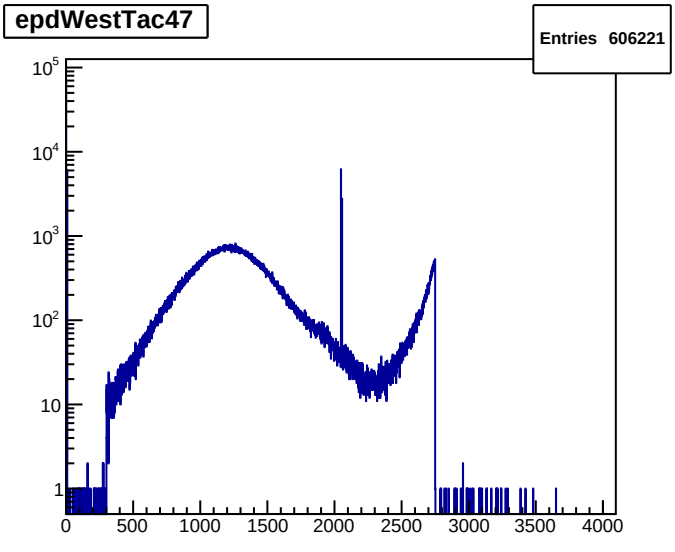
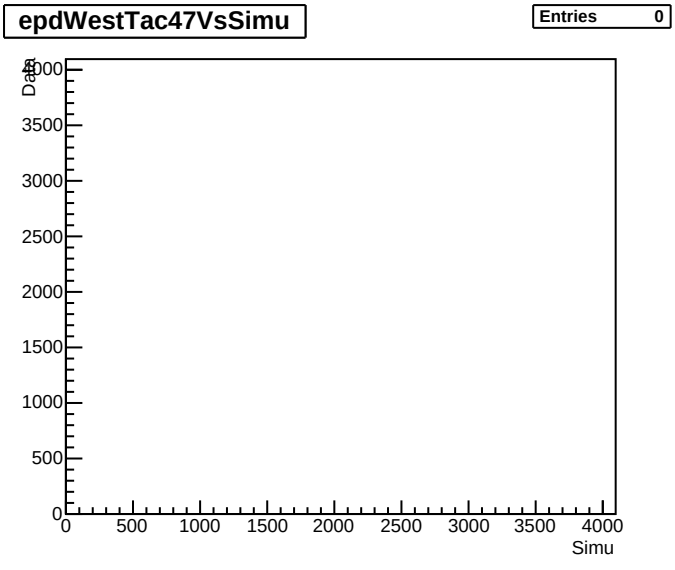
Entries 0
Data
Simu


epdWestTac47
Entries 606221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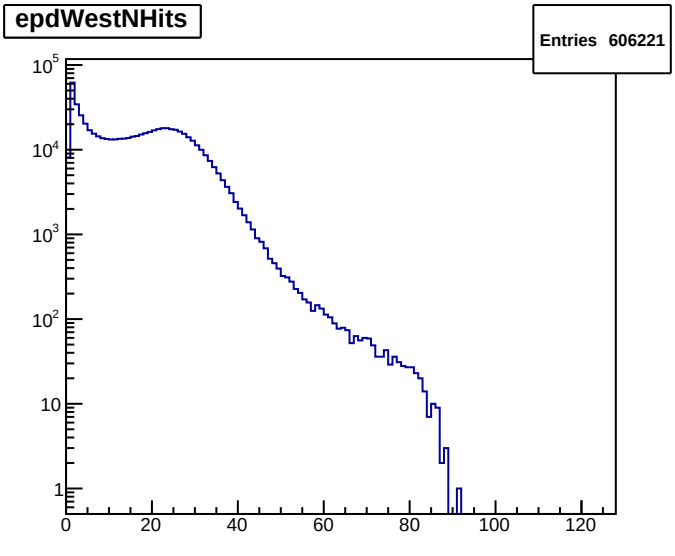
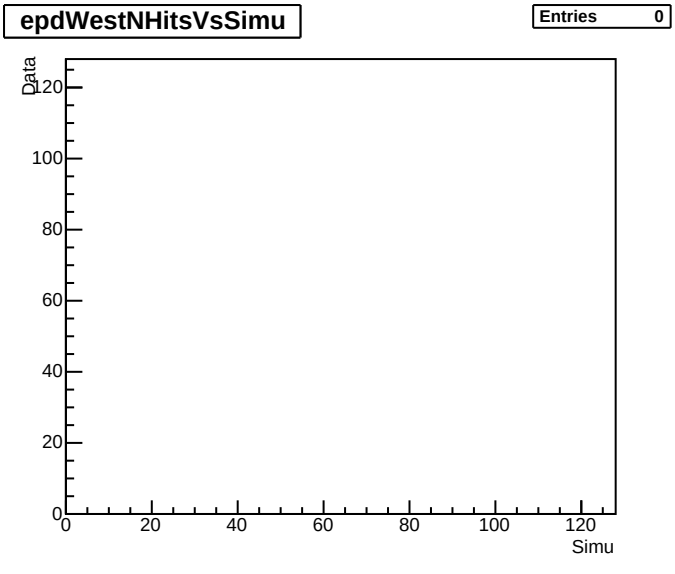
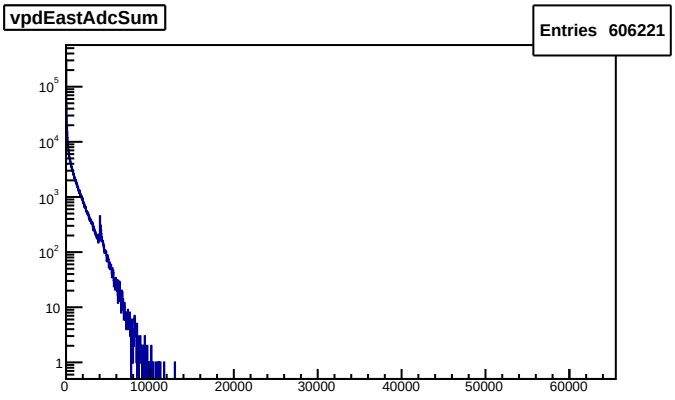
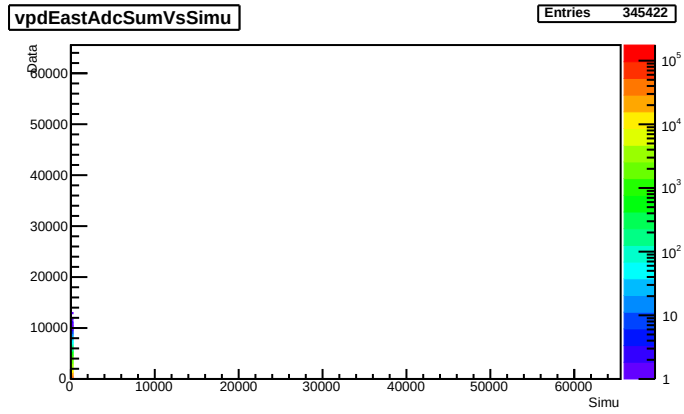
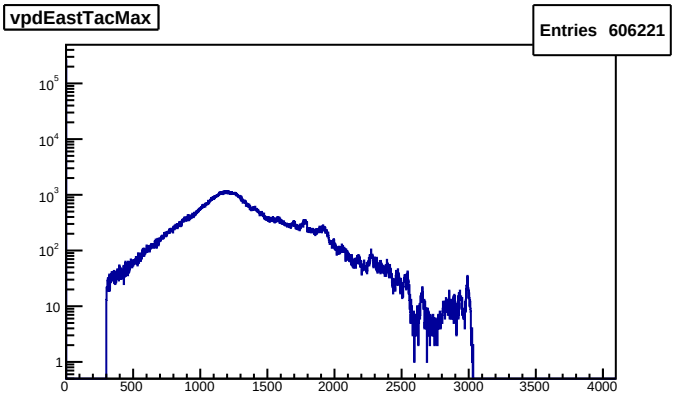
Entries 0
Data
Simu

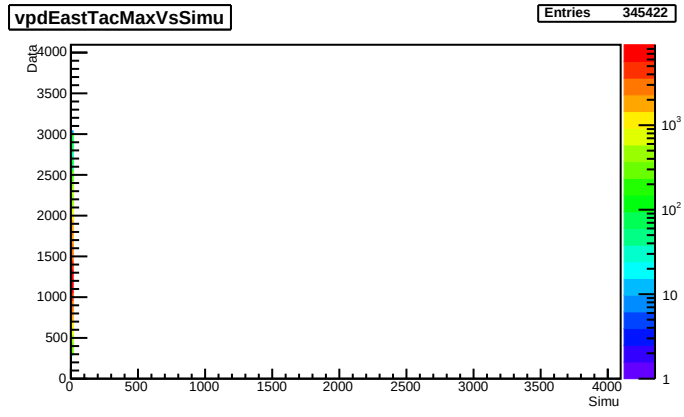

epdWestNHits
Entries 606221

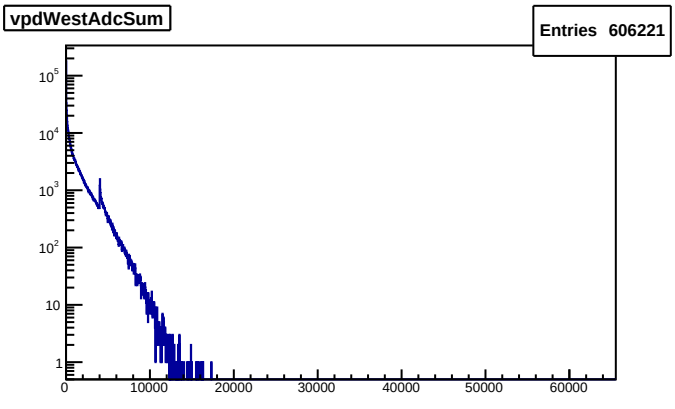

epdWestNHitsVsSimu
Entries 0
Data
Simu

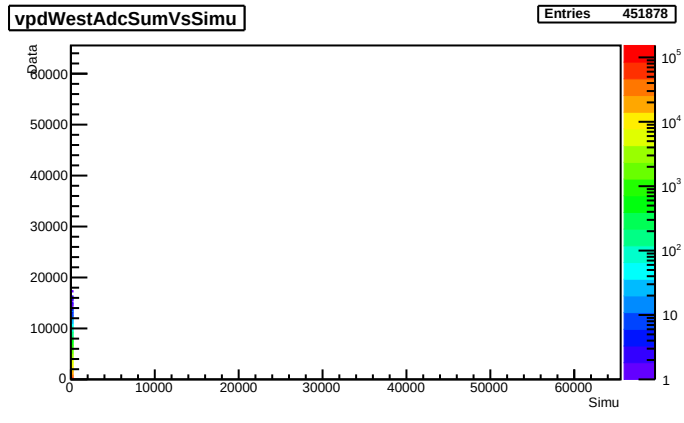

vpdEastAdcSum
Entries 606221

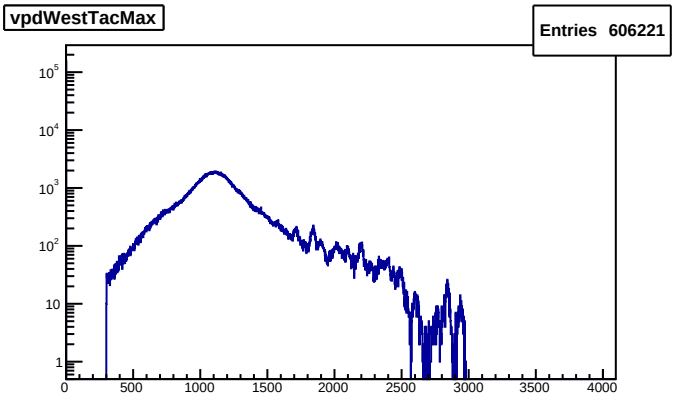

vpdEastAdcSumVsSimu
Entries 345422
Data
Simu

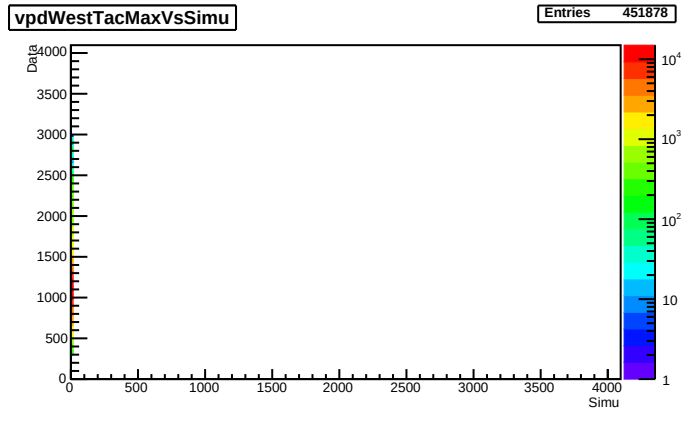

vpdEastTacMax
Entries 606221

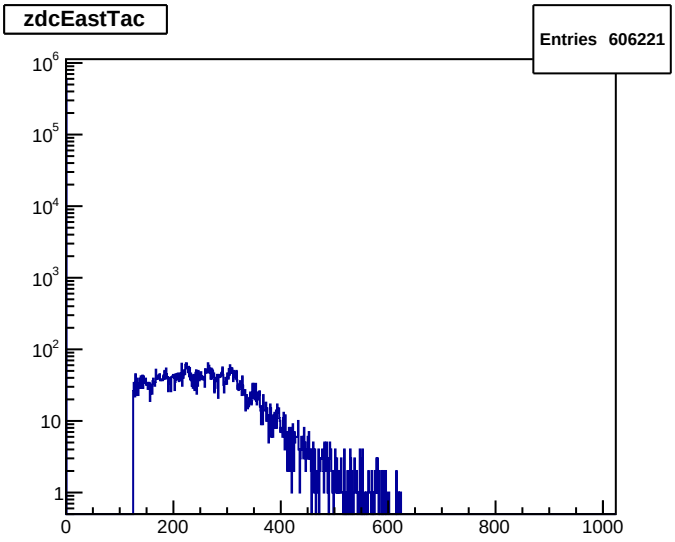

vpdEastTacMaxVsSimu
Entries 345422
Data
Simu

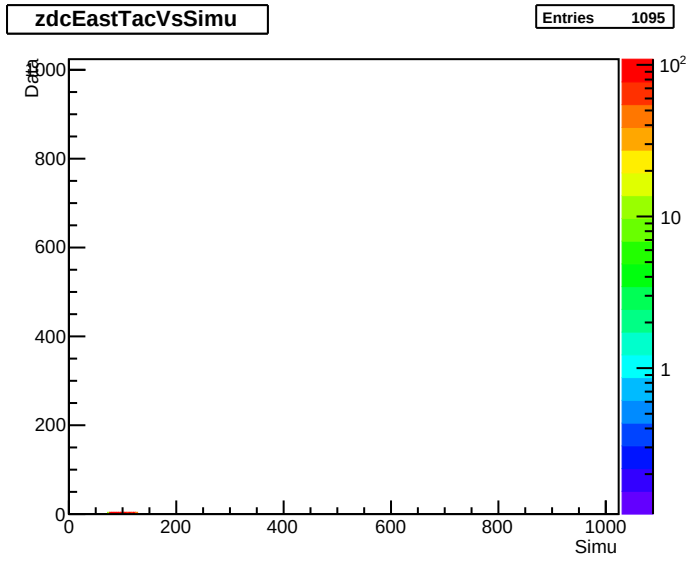

vpdWestAdcSum
Entries 606221

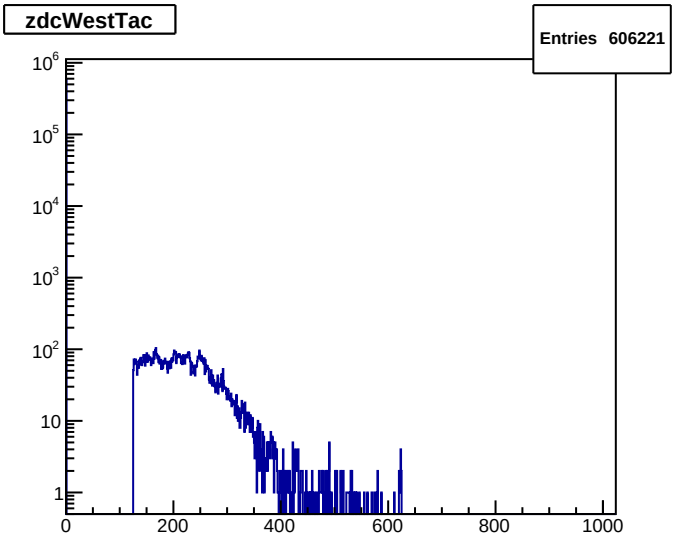

vpdWestAdcSumVsSimu
Entries 451878
Data
Simu

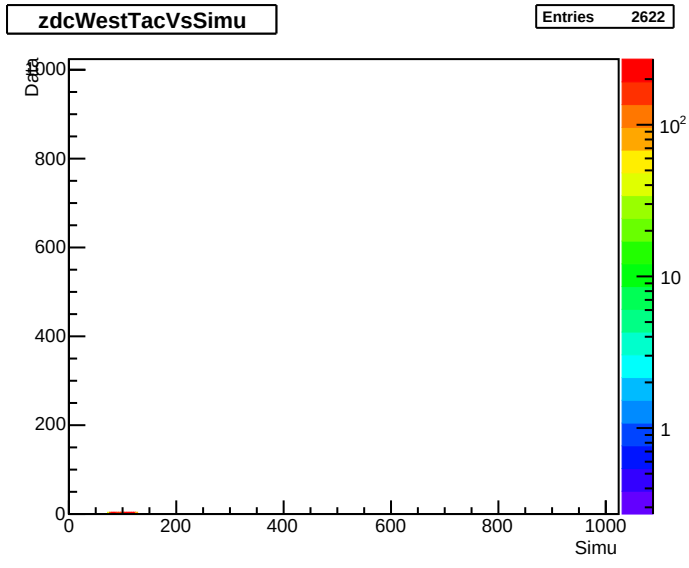

vpdWestTacMax
Entries 606221

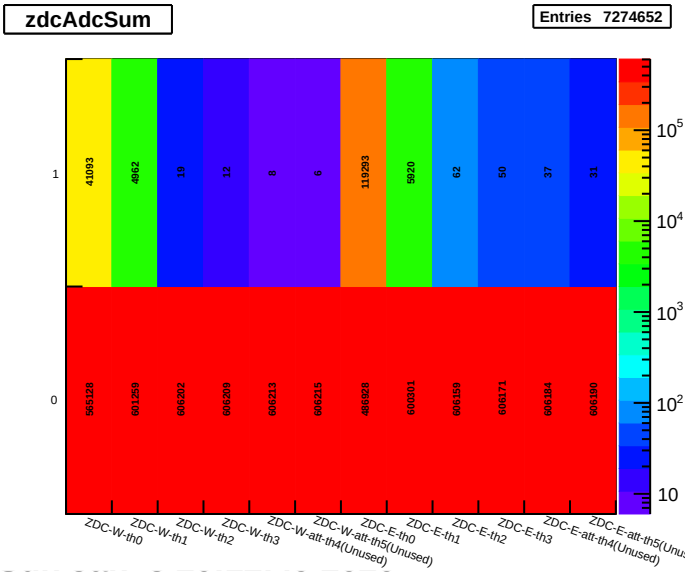

vpdWestTacMaxVsSimu
Entries 451878
Data
Simu

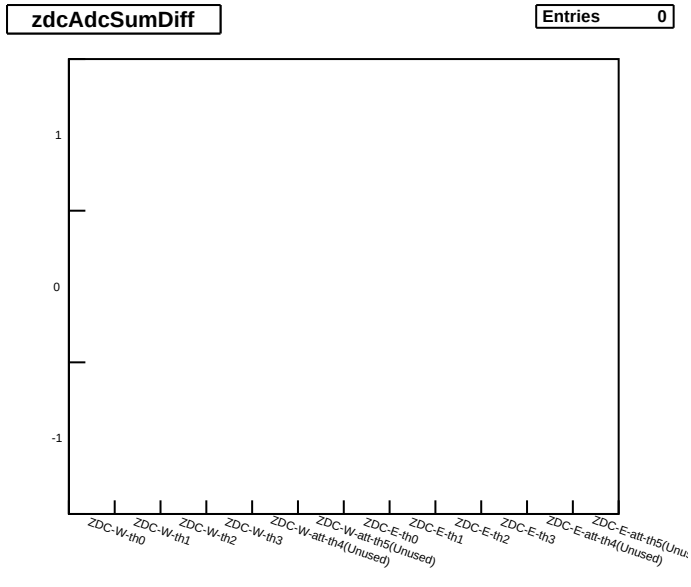

zdcEastTac
Entries 606221

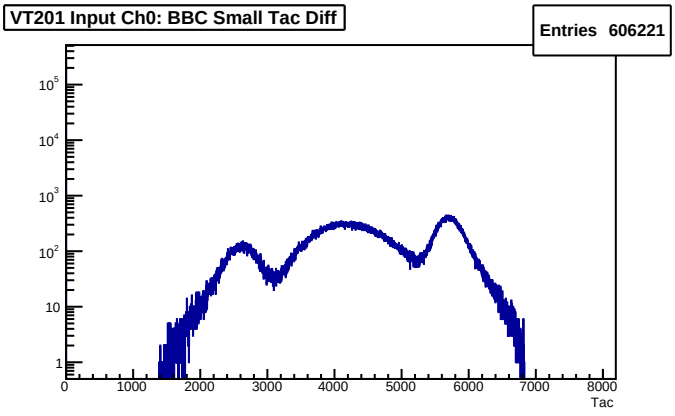

zdcEastTacVsSimu
Entries 1095
Data
Simu

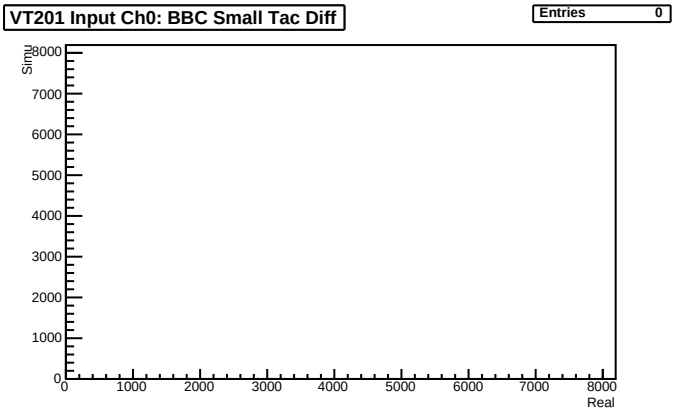

zdcWestTac
Entries 606221

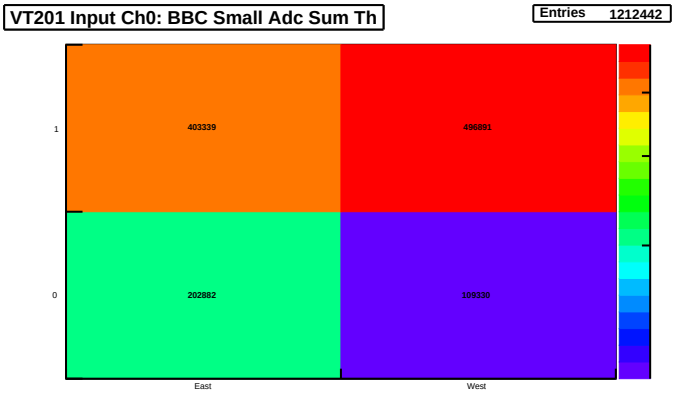

zdcWestTacVsSimu
Entries 2622
Data
Simu

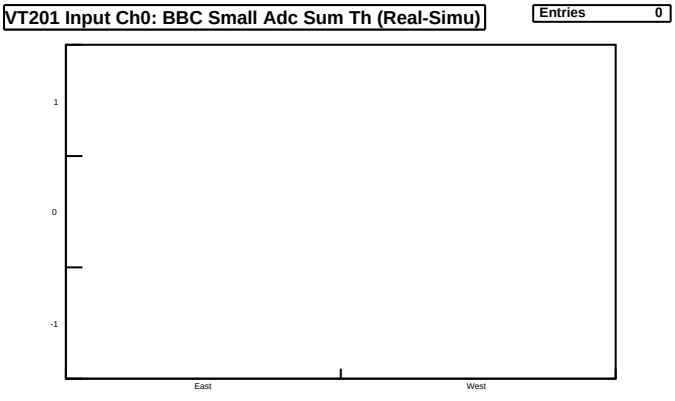

zdcAdcSum
Entries 7274652
41093
4962
19
12
8
6
119293
5920
62
50
37
31
565128
601259
606202
606209
606213
606215
486928
600301
606159
606171
606184
606190
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

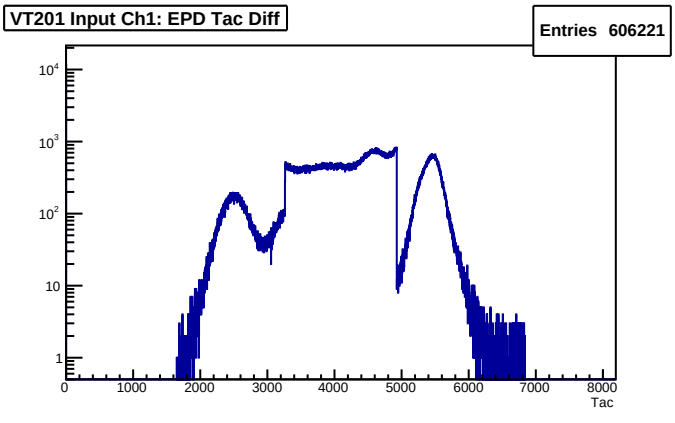

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

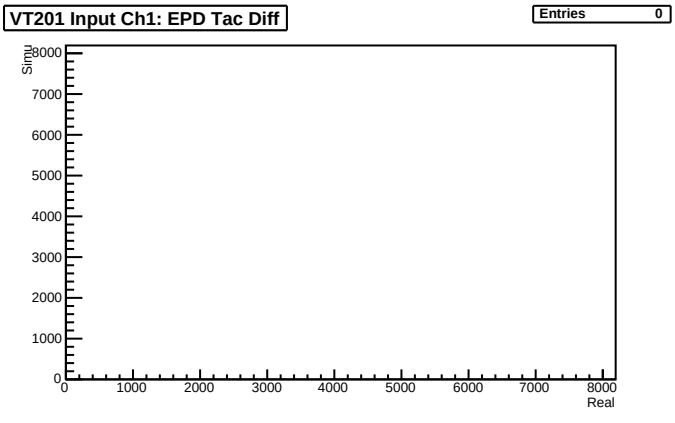

VT201 Input Ch0: BBC Small Tac Diff
Entries 606221
Tac

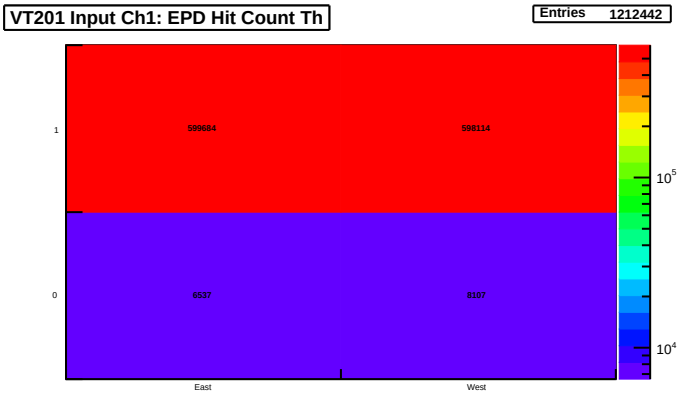

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

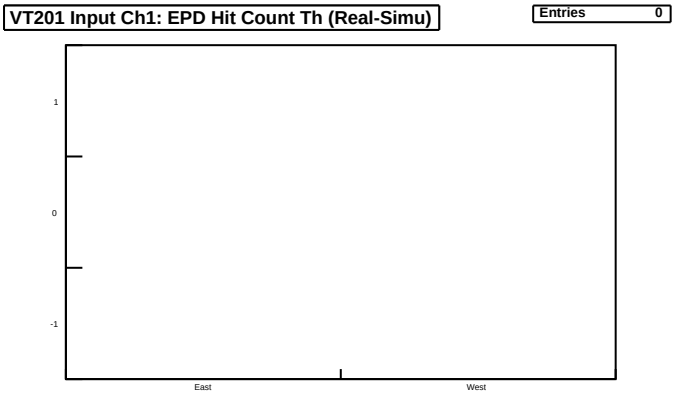

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1212442
403339
496891
202882
109330
East
West

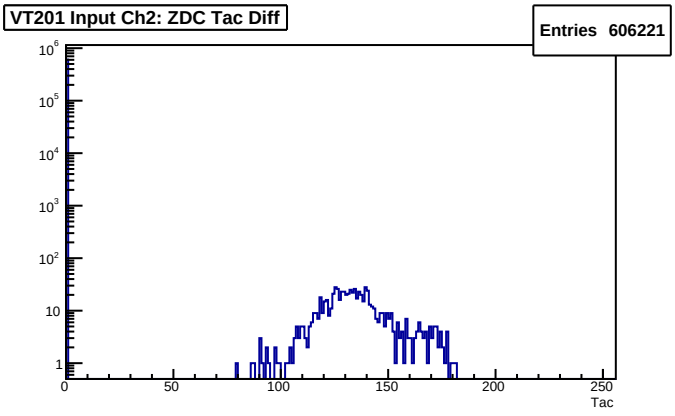

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

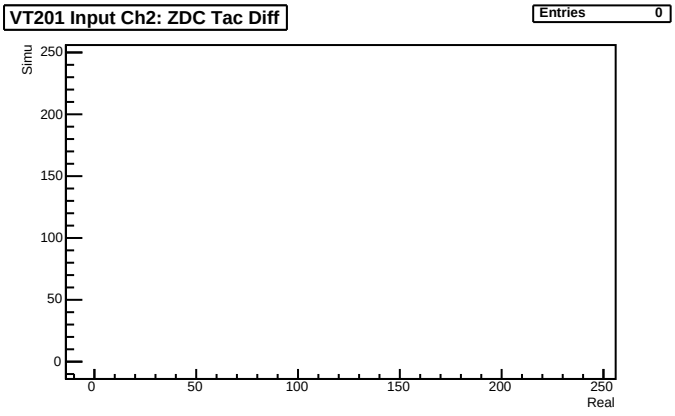

VT201 Input Ch1: EPD Tac Diff
Entries 606221
Tac

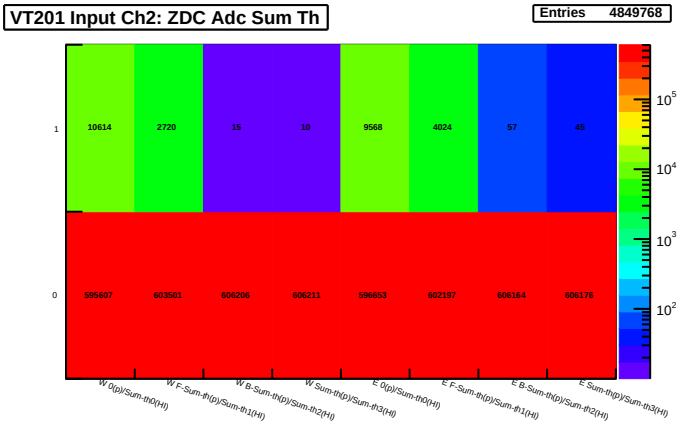

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

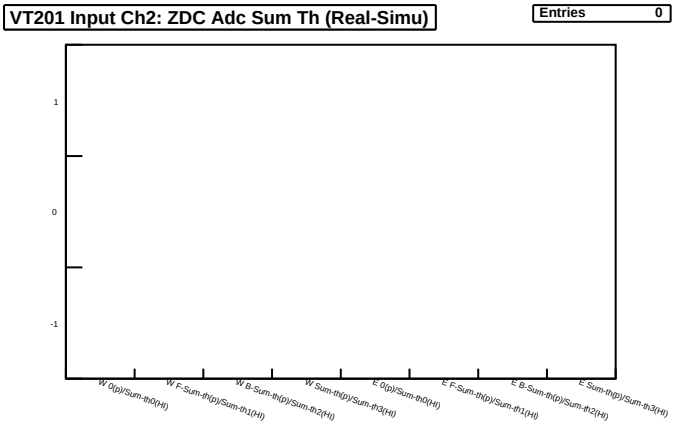

VT201 Input Ch1: EPD Hit Count Th
Entries 1212442
599684
598114
6537
8107
East
West

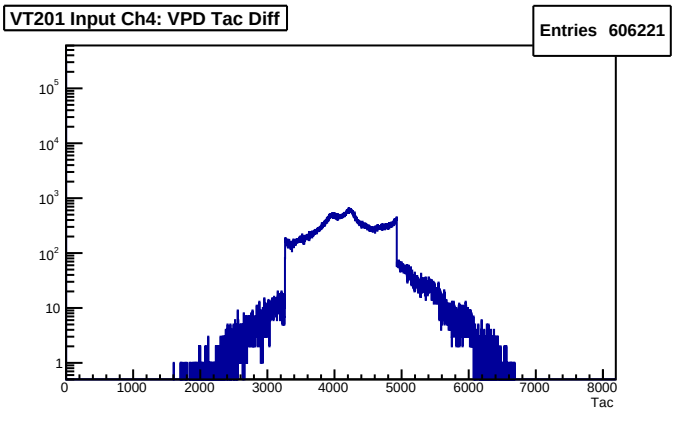

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

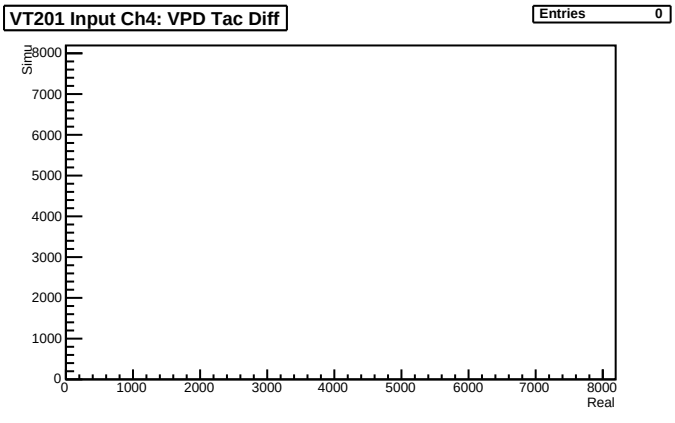

VT201 Input Ch2: ZDC Tac Diff
Entries 606221
Tac

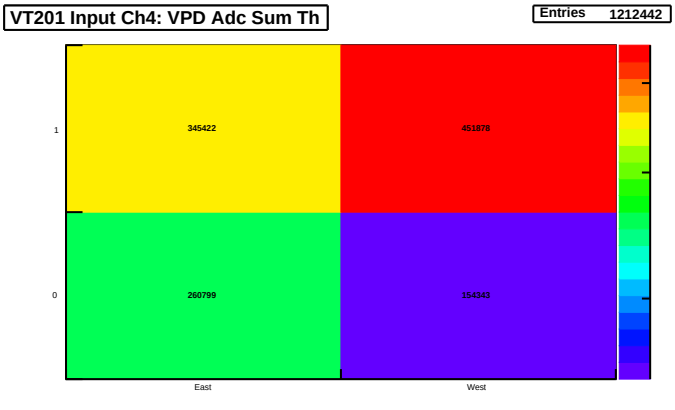

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

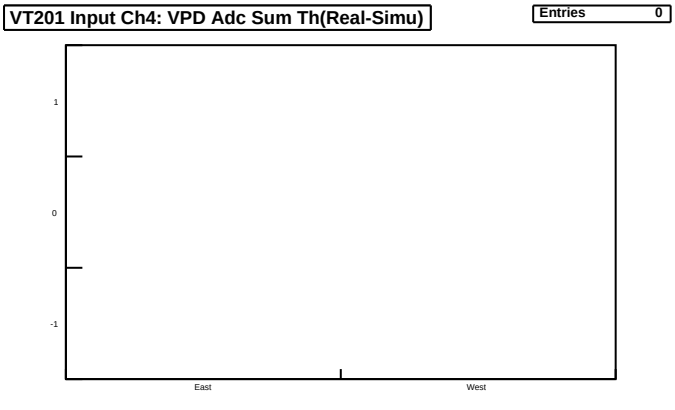

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4849768
10614
2720
15
10
9568
4024
57
45
595607
603501
606206
606211
596653
602197
606164
606176
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

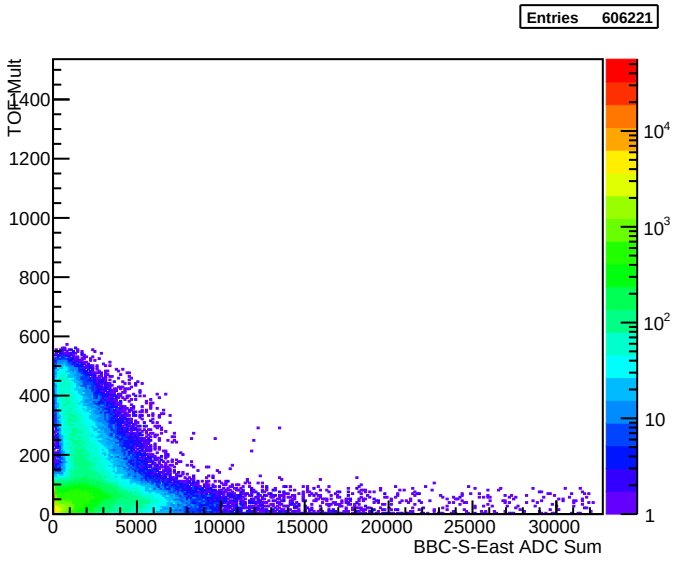

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

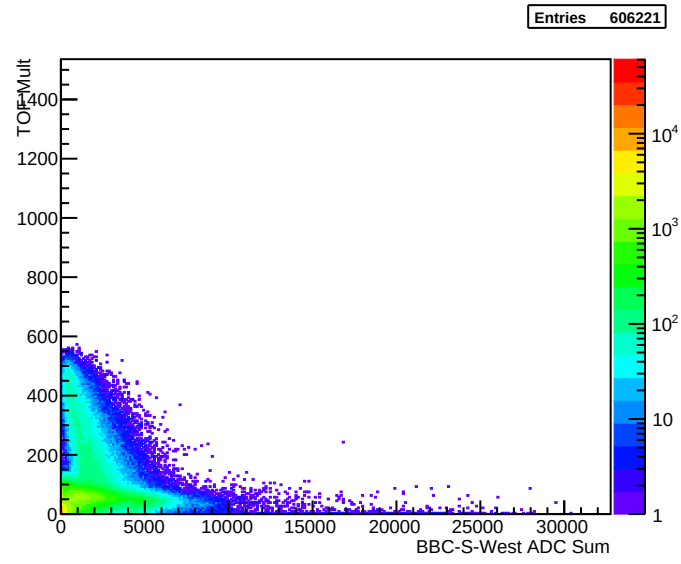

VT201 Input Ch4: VPD Tac Diff
Entries 606221
Tac

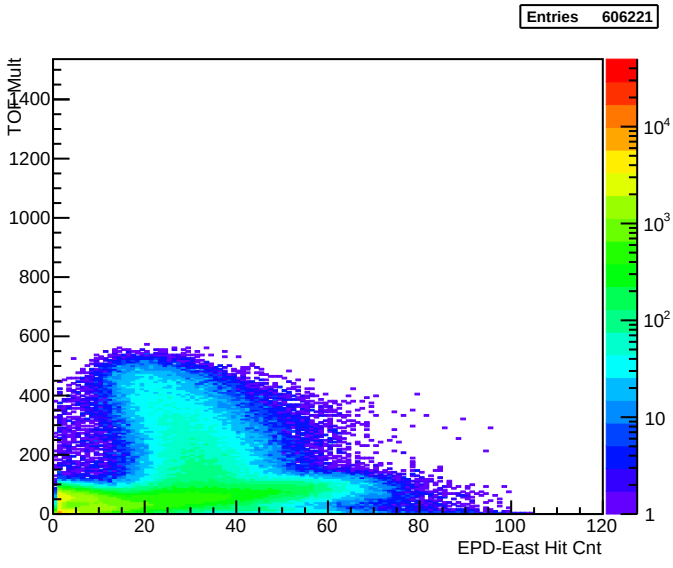

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

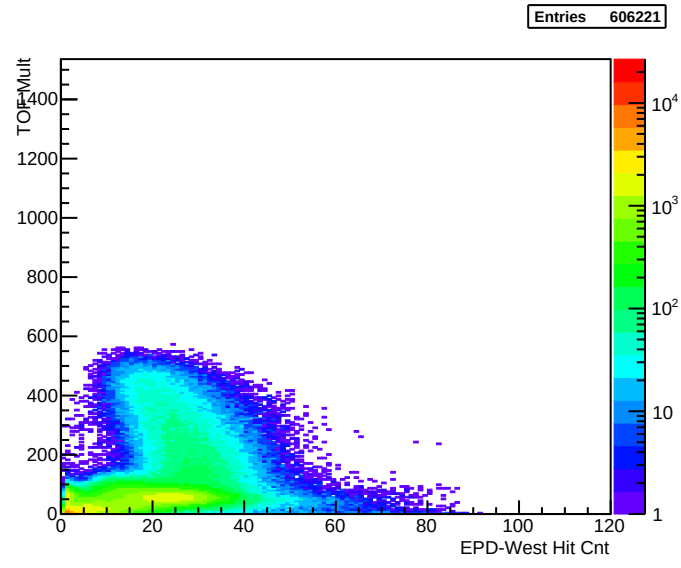

VT201 Input Ch4: VPD Adc Sum Th
Entries 1212442
345422
451878
260799
154343
East
West

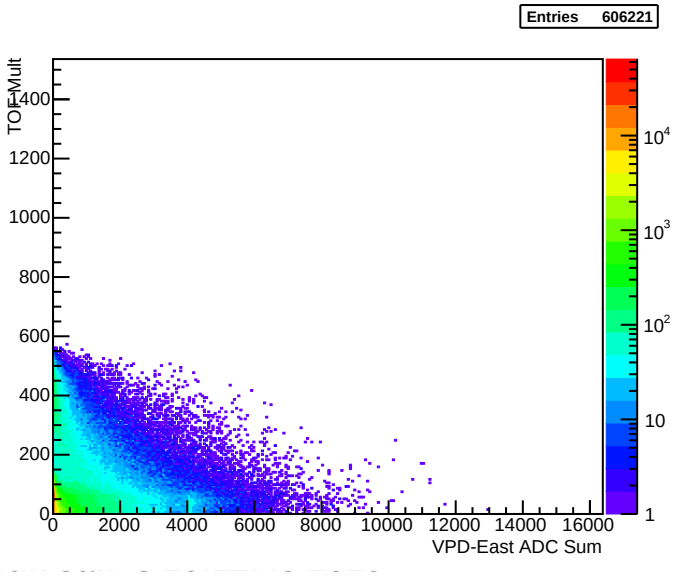

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

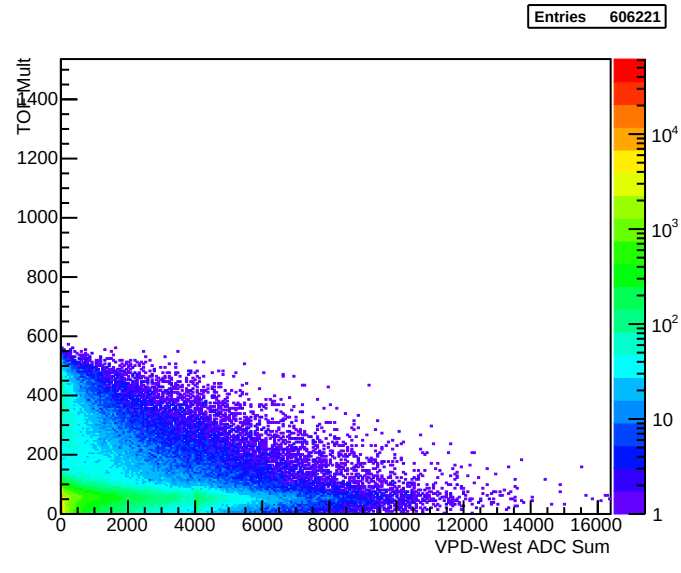

Entries 606221
TOF-Mult
BBC-S-East ADC Sum

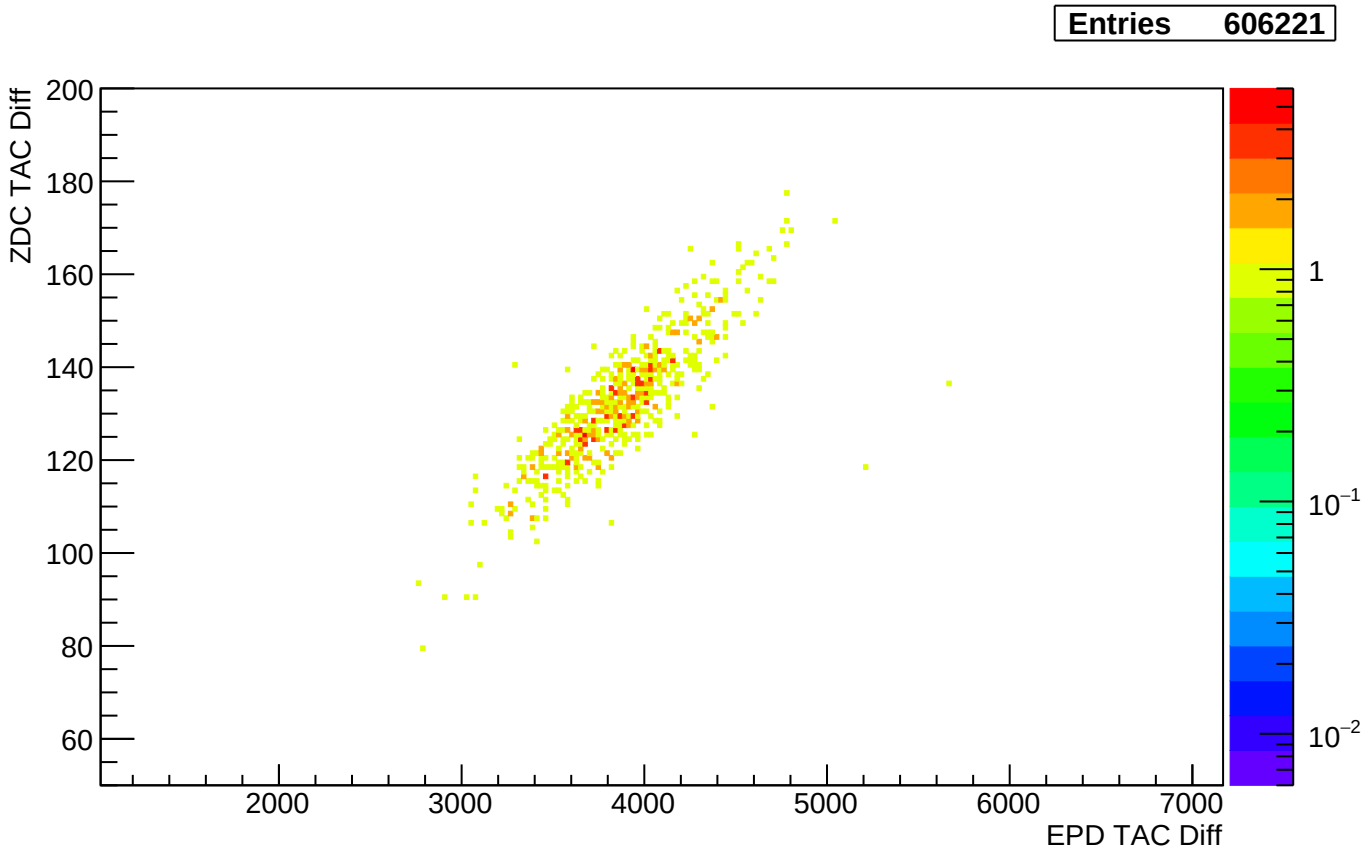

Entries 606221
TOF-Mult
BBC-S-West ADC Sum

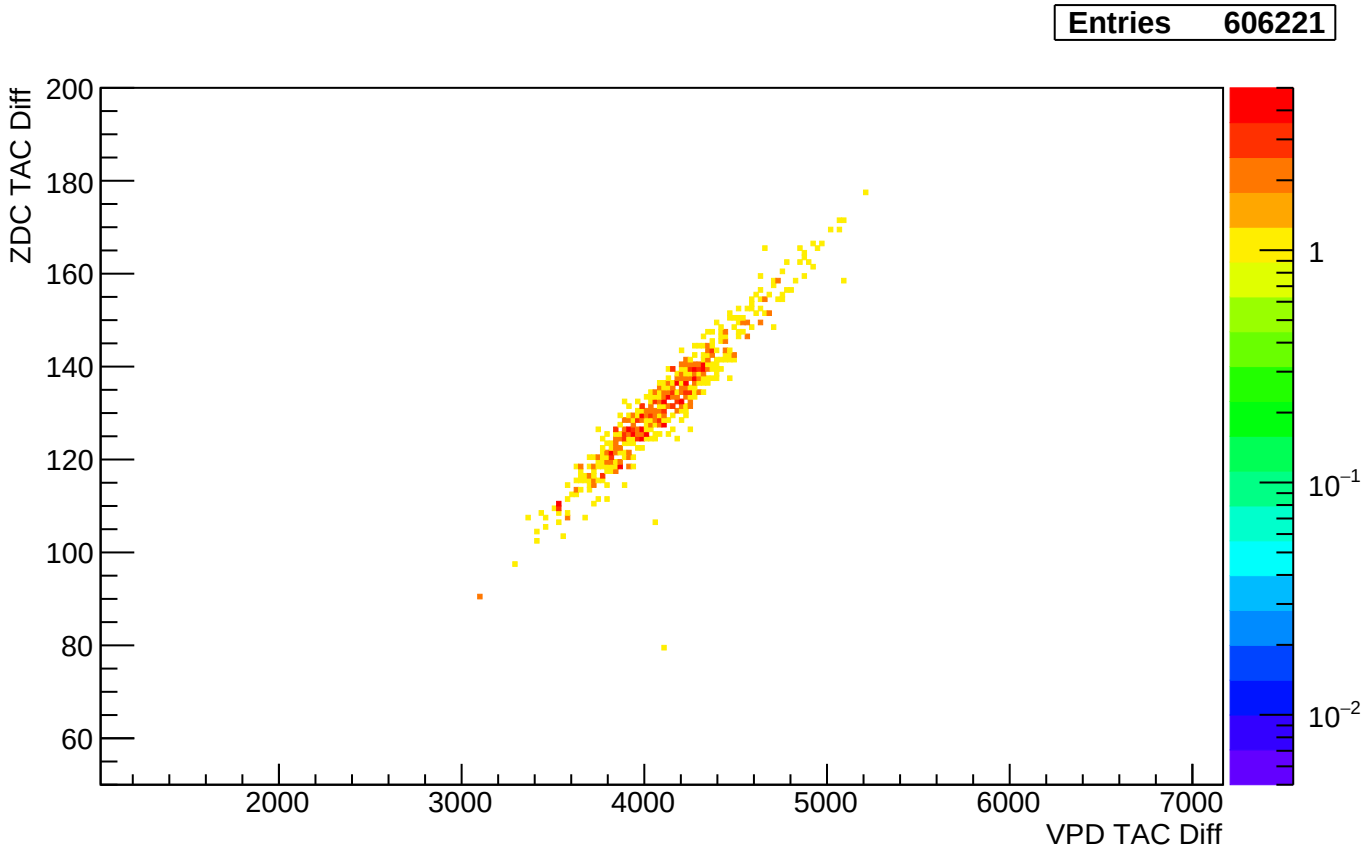

Entries 606221
TOF-Mult
EPD-East Hit Cnt

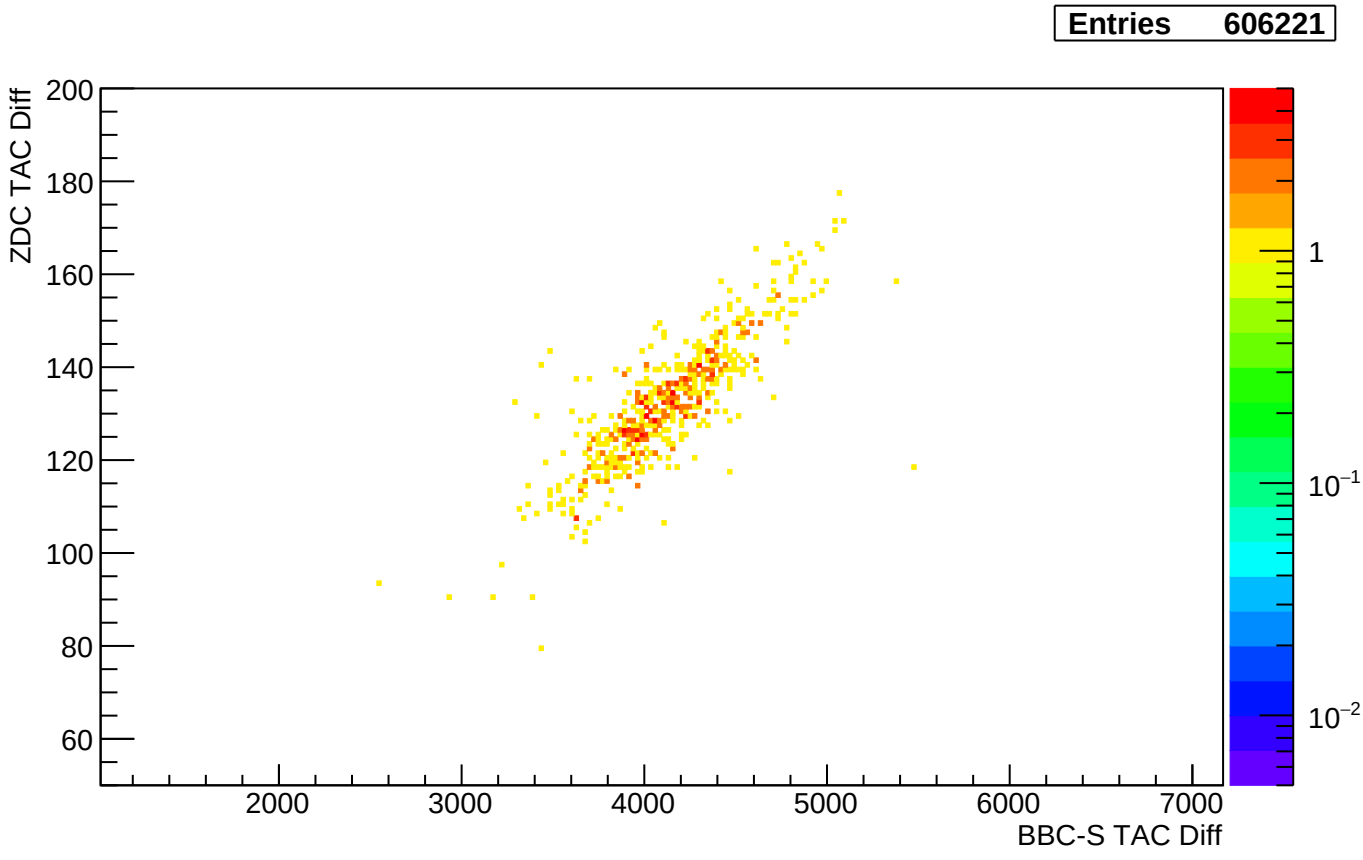

Entries 606221
TOF-Mult
EPD-West Hit Cnt

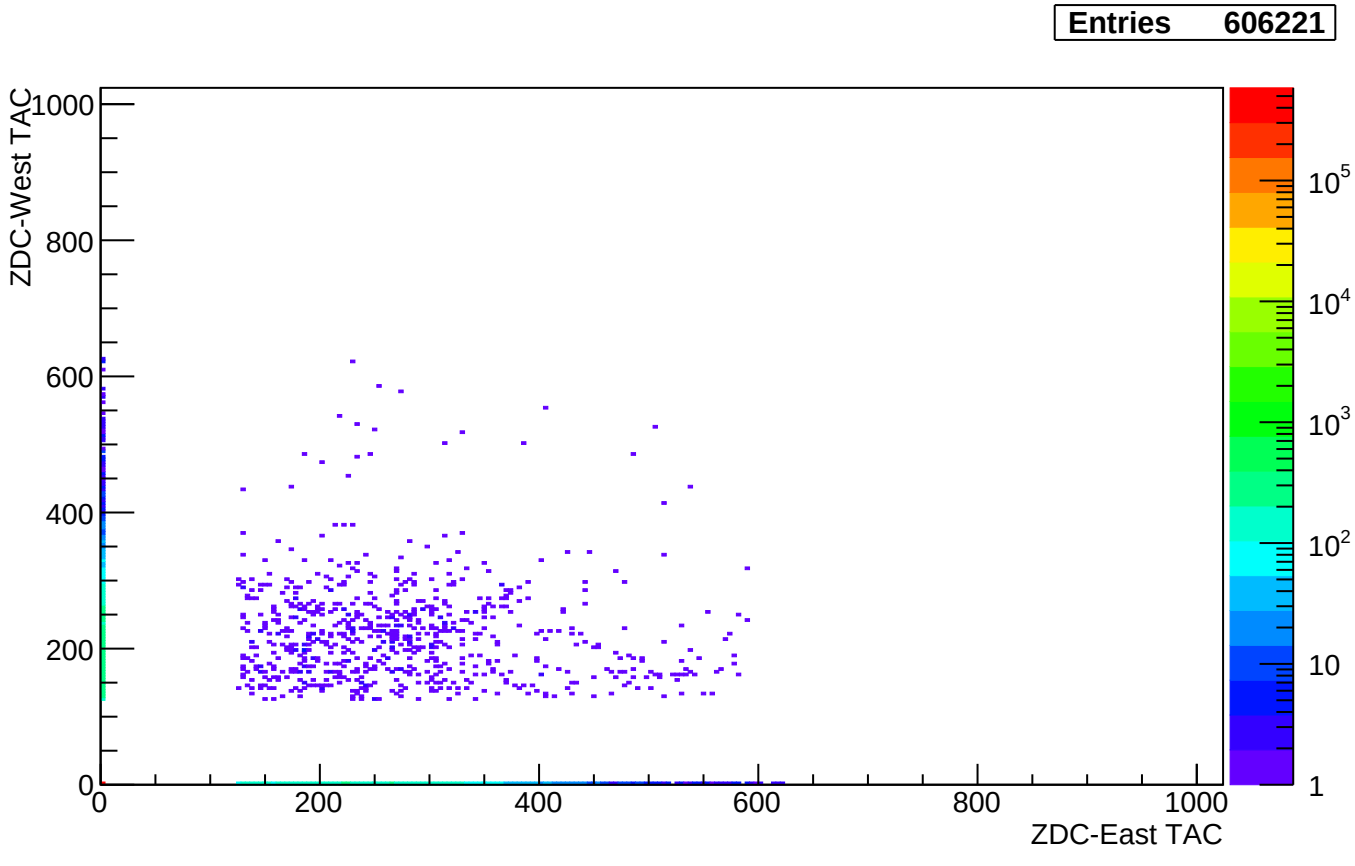

Entries 606221
TOF-Mult
VPD-East ADC Sum

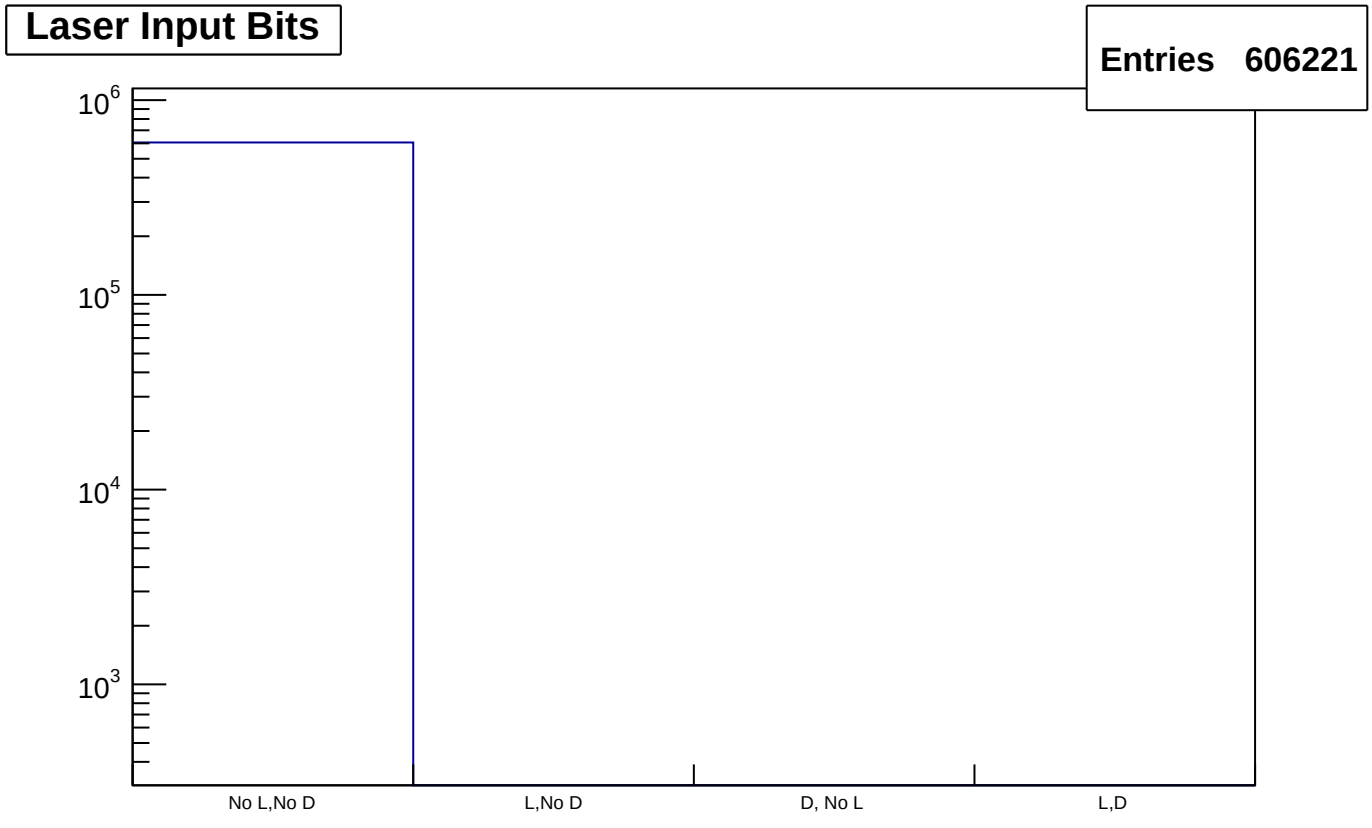

Entries 606221
TOF-Mult
VPD-West ADC Sum

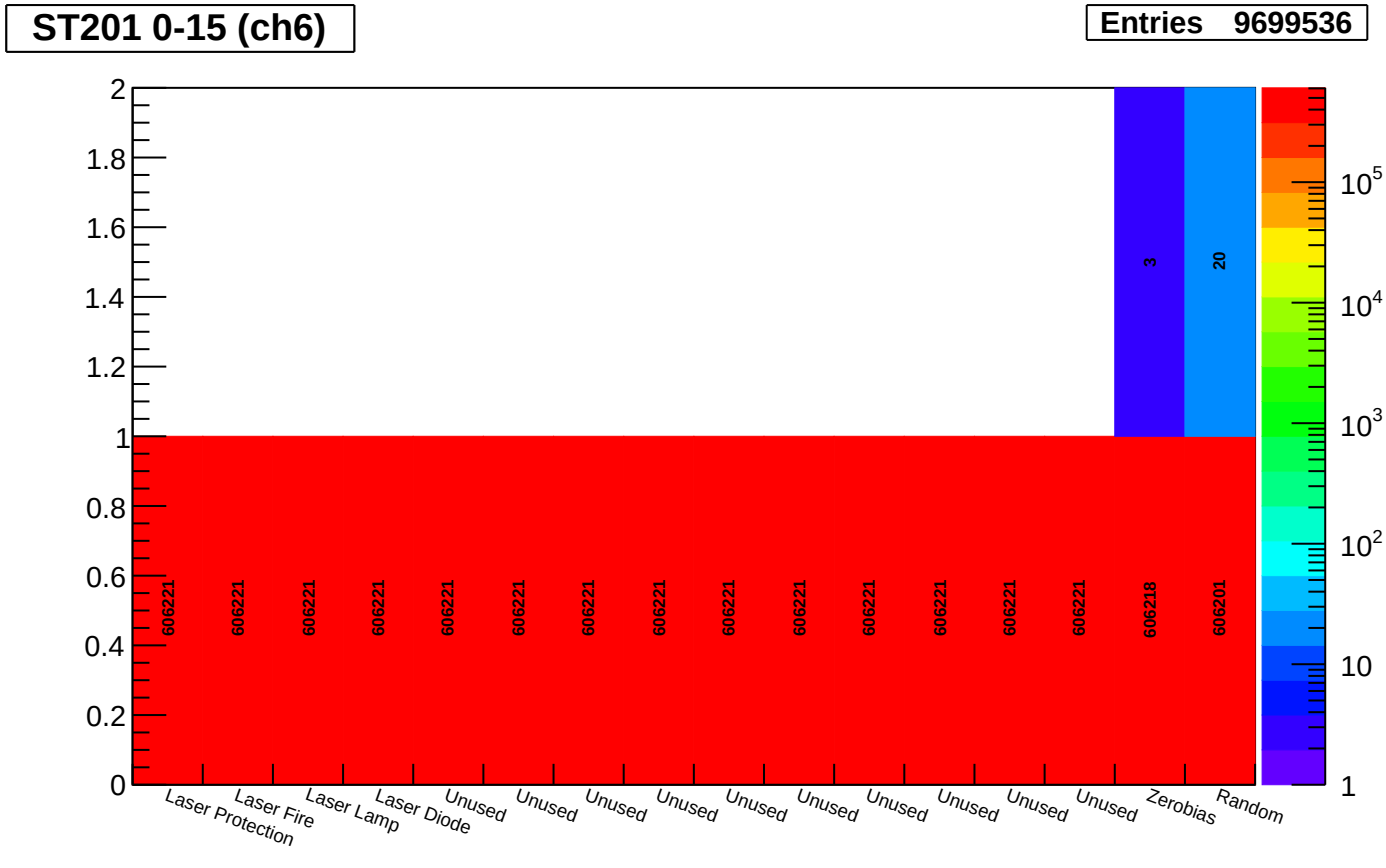

Entries 606221
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

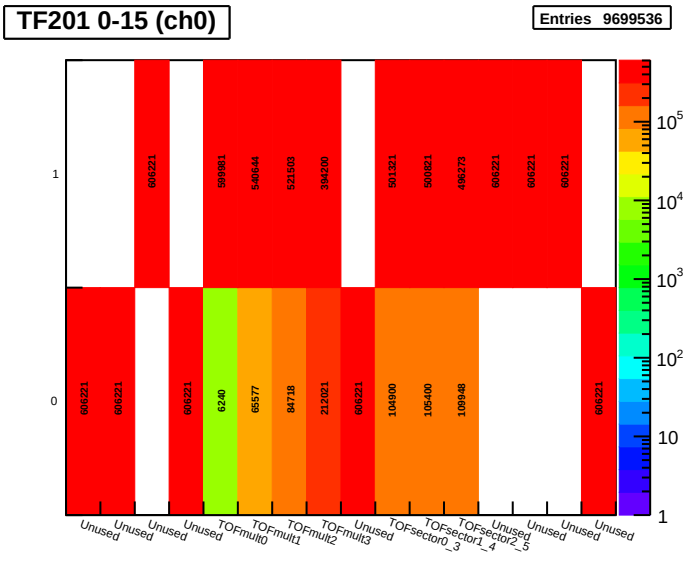

Entries 606221
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

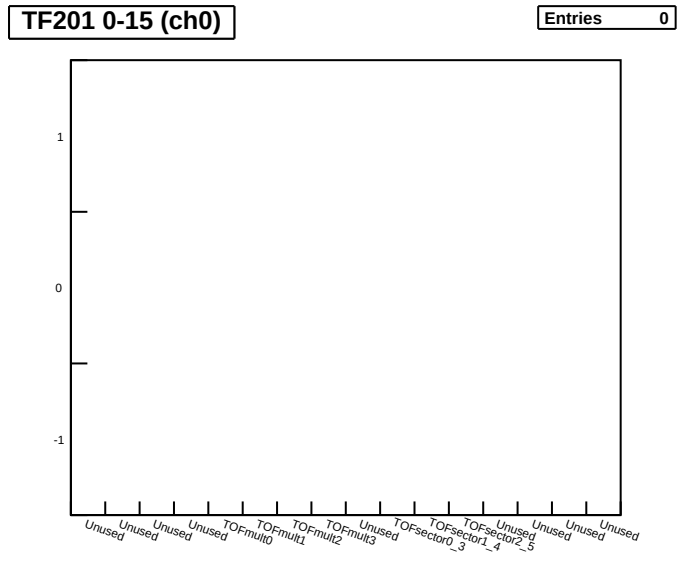

Entries 606221
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

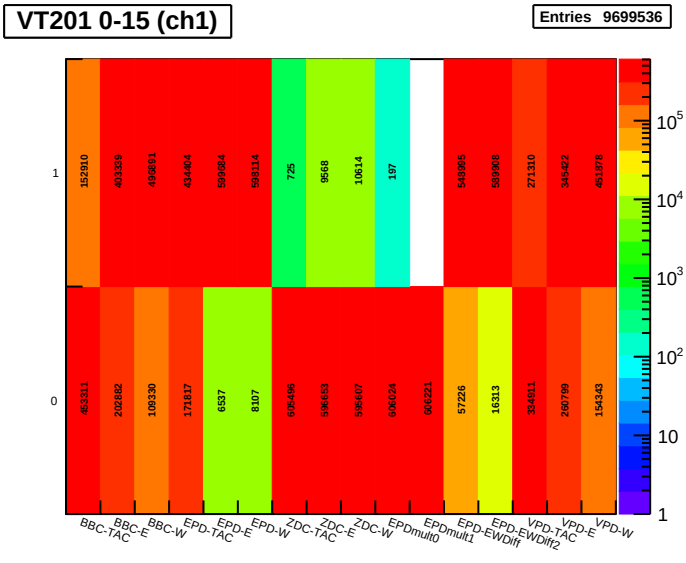

Entries 606221
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

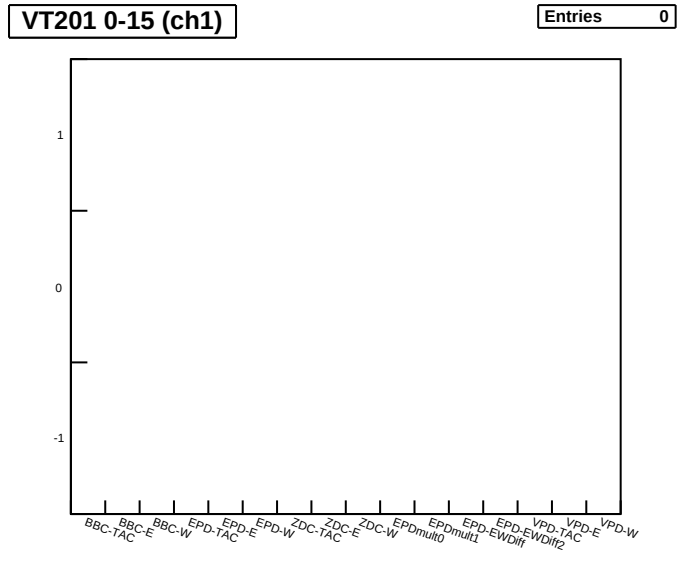

Laser Input Bits
Entries 606221
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

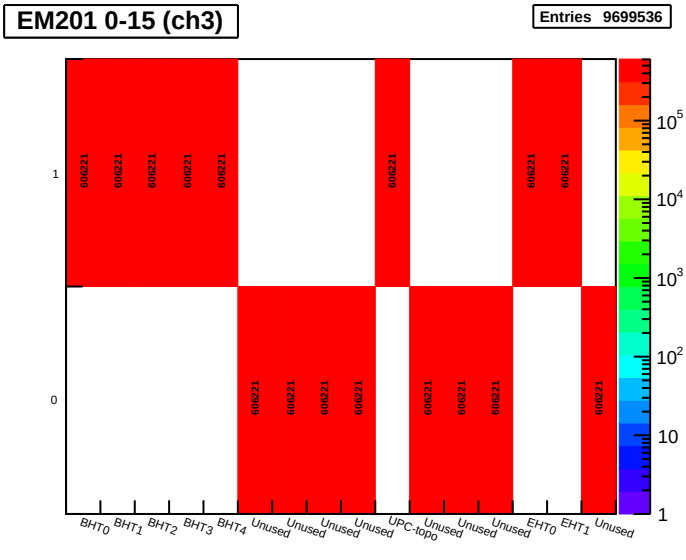

ST201 0-15 (ch6)
Entries 9699536
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
606221
606221
606221
606221
606221
606221
606221
606221
606221
606221
606221
606221
606221
606221
606218
606201
3
20
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

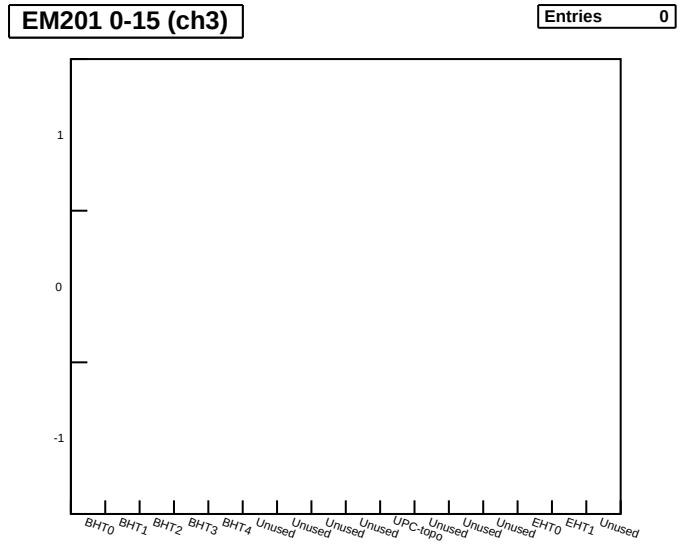

TF201 0-15 (ch0)
Entries 9699536
1
0
606221
599981
540644
521503
394200
501321
500921
496273
606221
606221
606221
606221
606221
606221
6240
65577
84718
212021
606221
104900
105400
109948
606221
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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


VT201 0-15 (ch1)
Entries 9699536
1
0
152910
403339
496891
434404
599684
598114
725
9568
10614
197
548995
589908
271310
345422
451878
453311
202882
109330
171817
6537
8107
606496
596653
595607
606024
606221
57226
16313
334911
260799
154343
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 9699536
1
0
606221
606221
606221
606221
606221
606221
606221
606221
606221
606221
606221
606221
606221
606221
606221
606221
606221
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