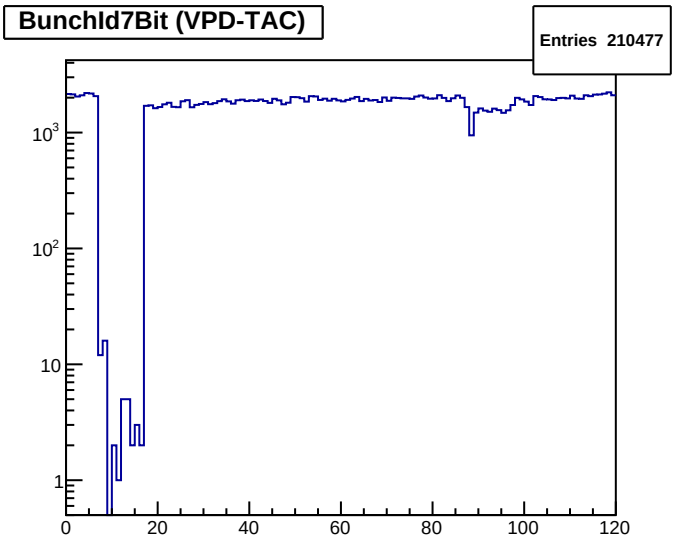
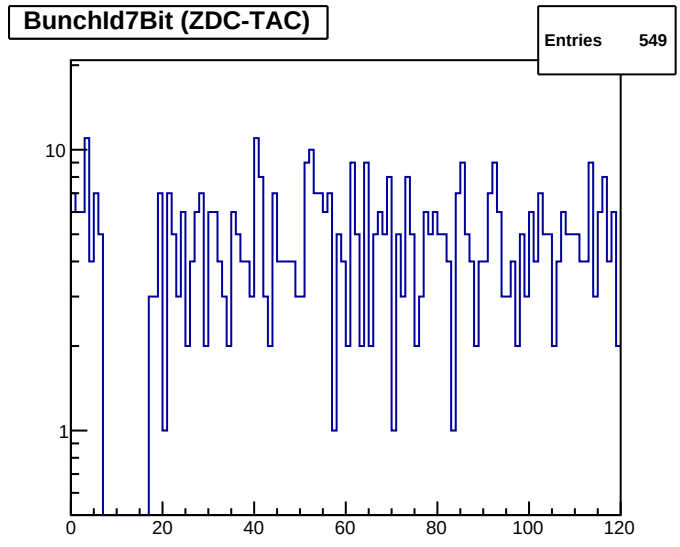
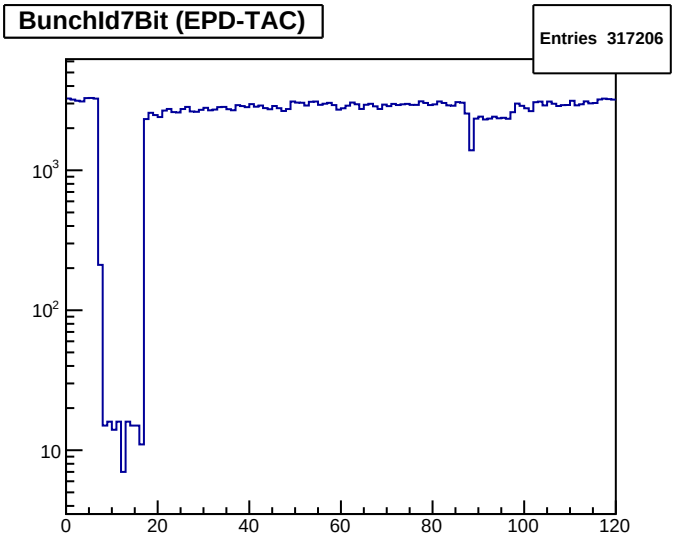
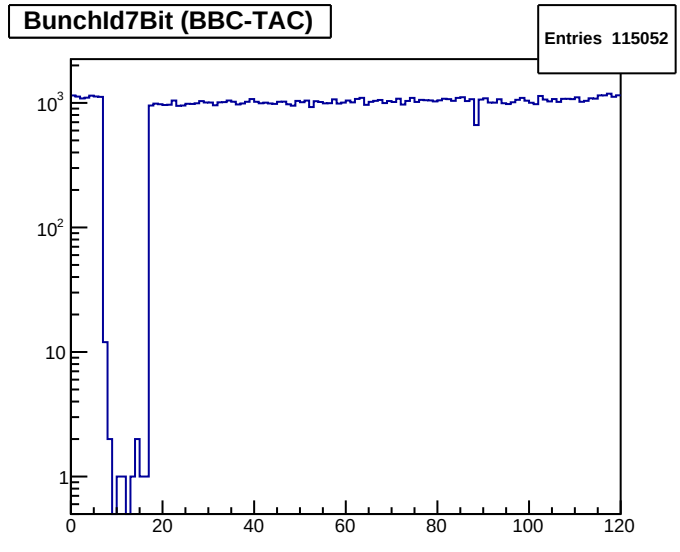
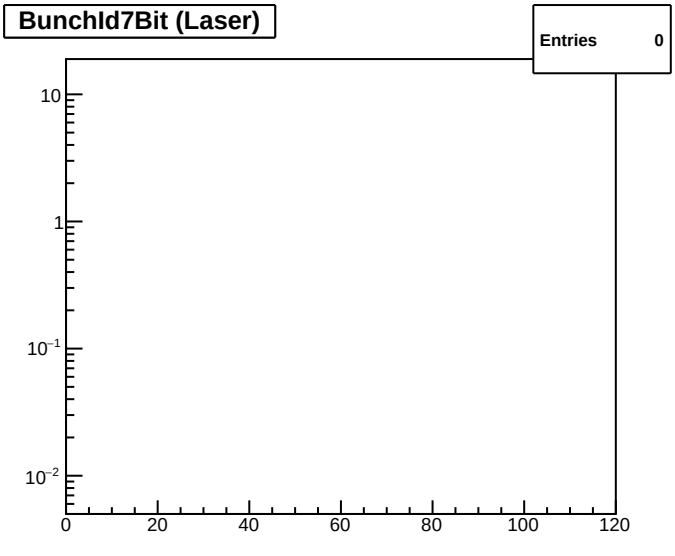
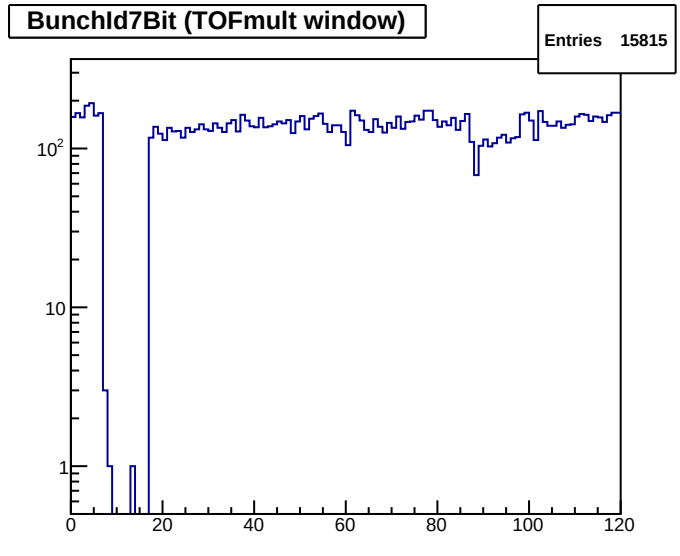

BunchId7Bit (VPD-TAC)
Entries 210477

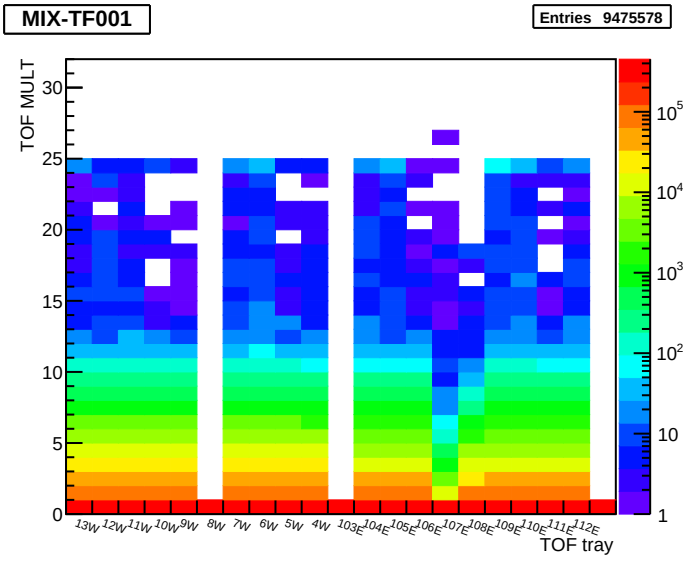

BunchId7Bit (ZDC-TAC)
Entries 549

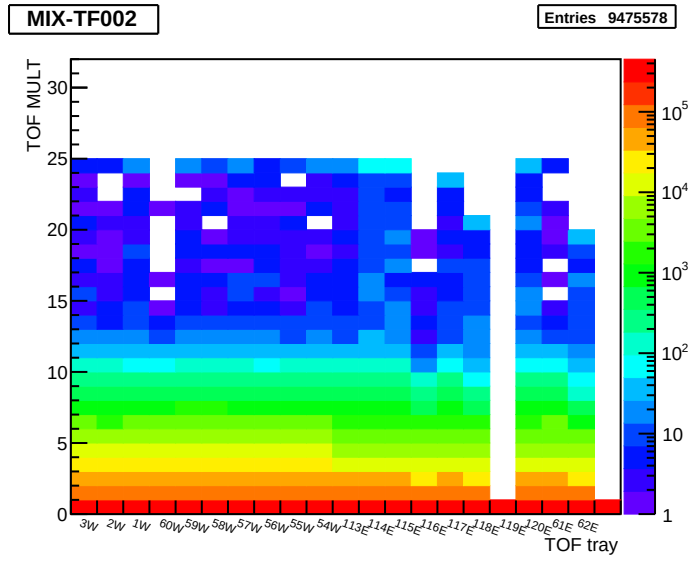

BunchId7Bit (EPD-TAC)
Entries 317206

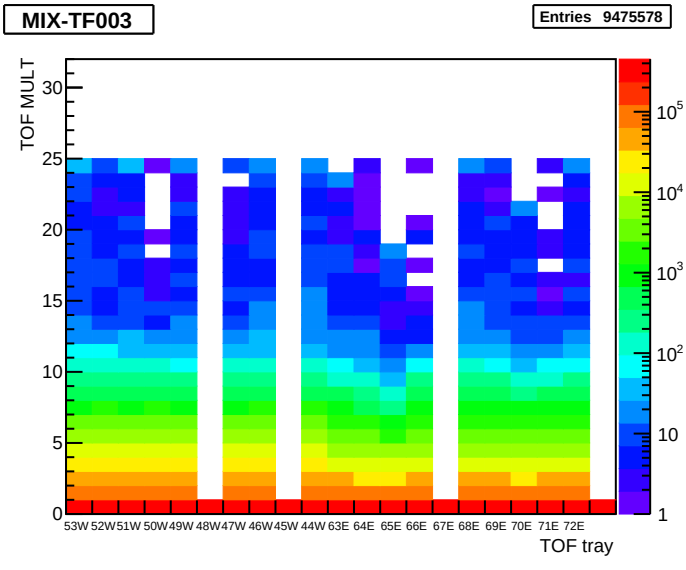

BunchId7Bit (BBC-TAC)
Entries 115052

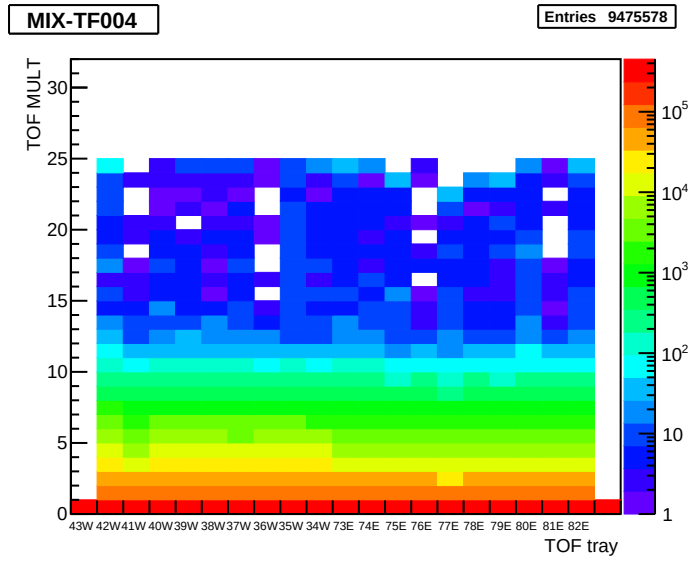

BunchId7Bit (Laser)
Entries 0

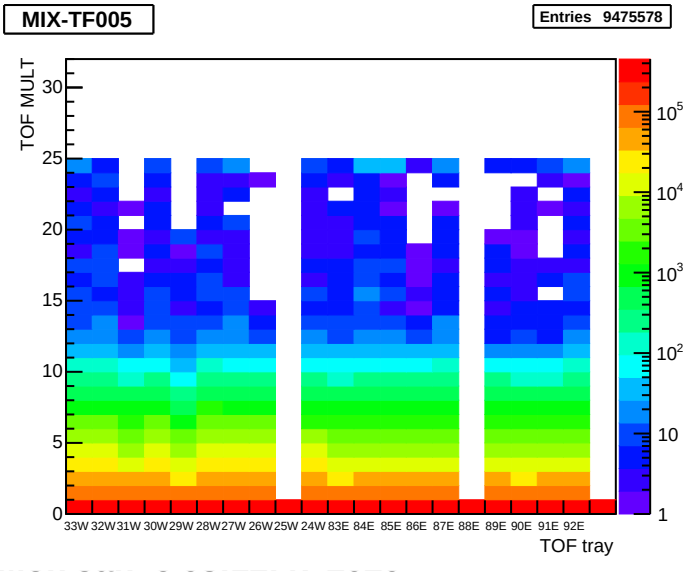

BunchId7Bit (TOFmult window)
Entries 15815

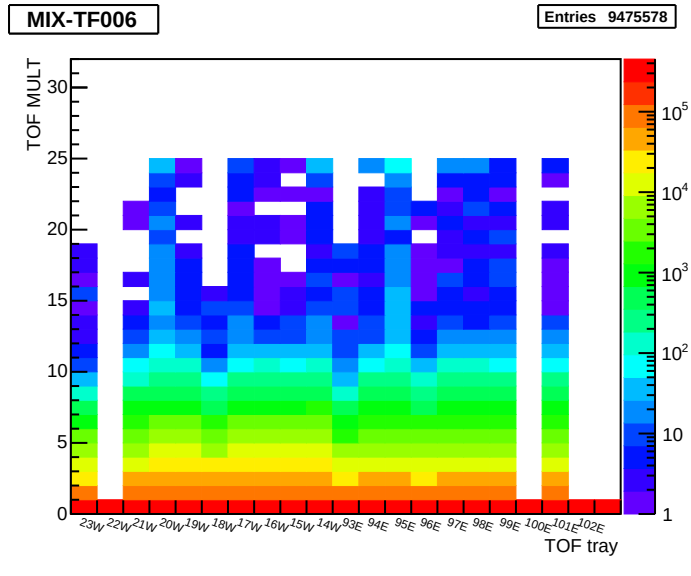

MIX-TF001
Entries 9475578
TOF MULT
TOF tray

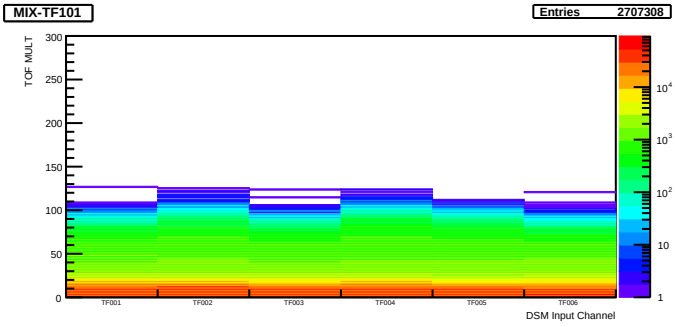

MIX-TF002
Entries 9475578
TOF MULT
TOF tray

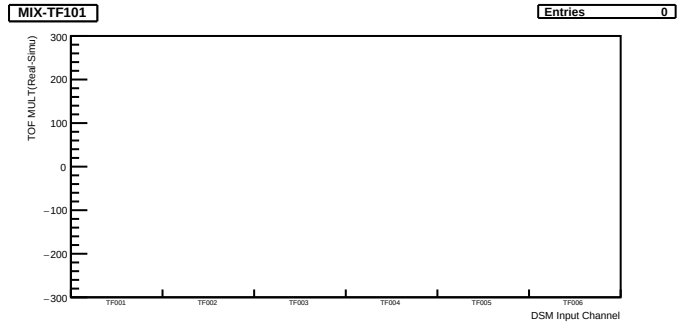

MIX-TF003
Entries 9475578
TOF MULT
TOF tray

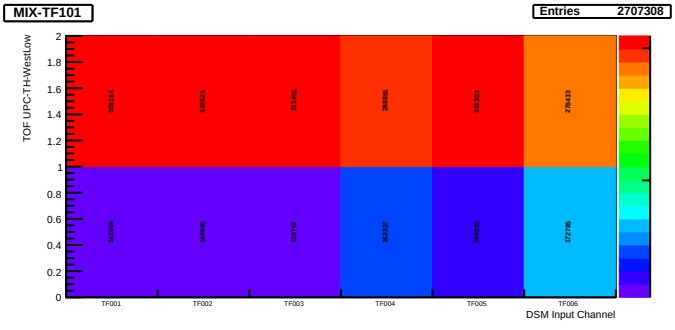

MIX-TF004
Entries 9475578
TOF MULT
TOF tray

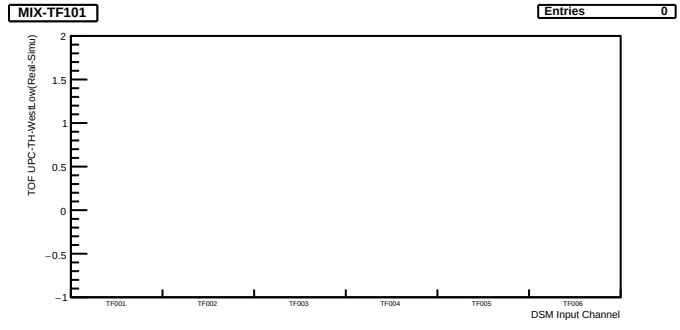

MIX-TF005
Entries 9475578
TOF MULT
TOF tray

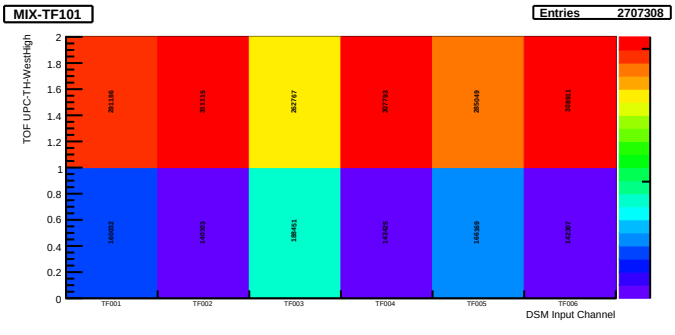

MIX-TF006
Entries 9475578
TOF MULT
TOF tray

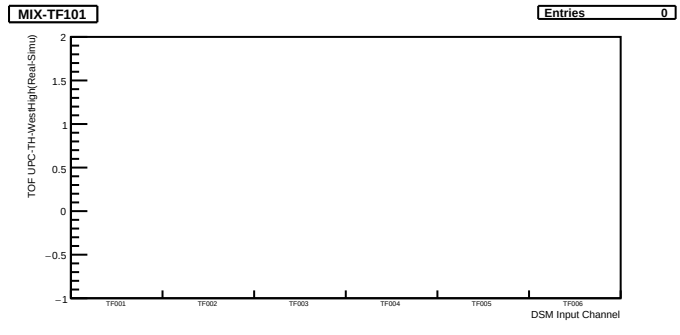

MIX-TF101
Entries 2707308
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

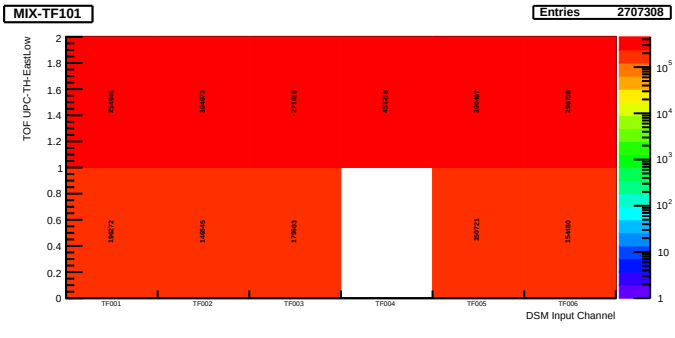

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

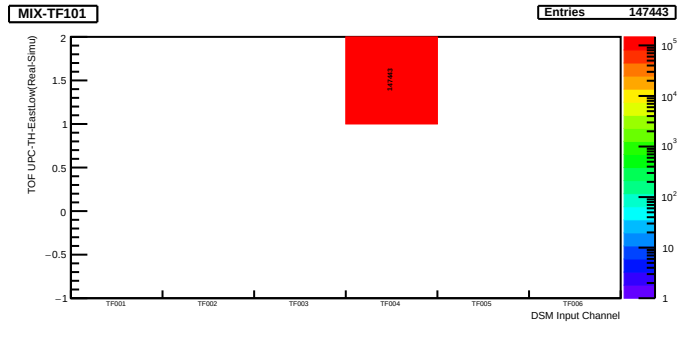

MIX-TF101
Entries 2707308
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

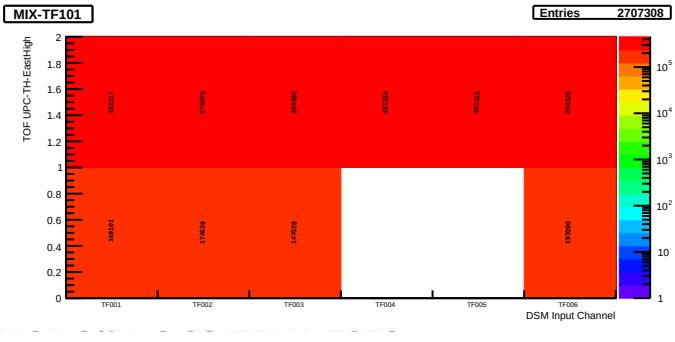

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

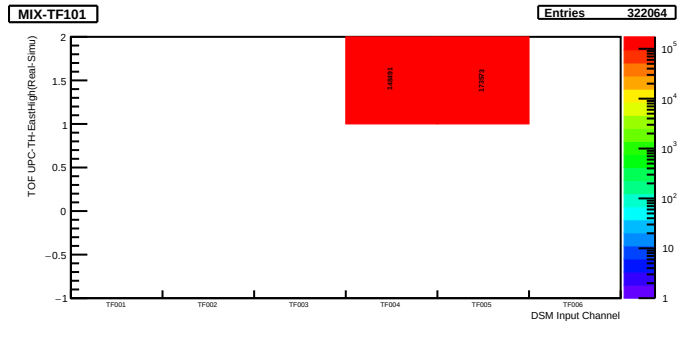

MIX-TF101
Entries 2707308
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

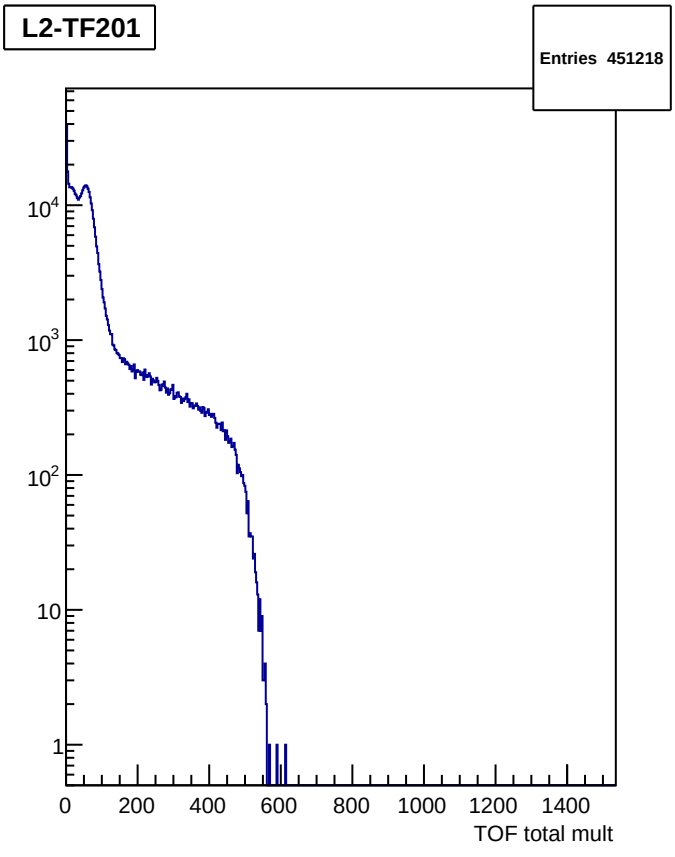

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

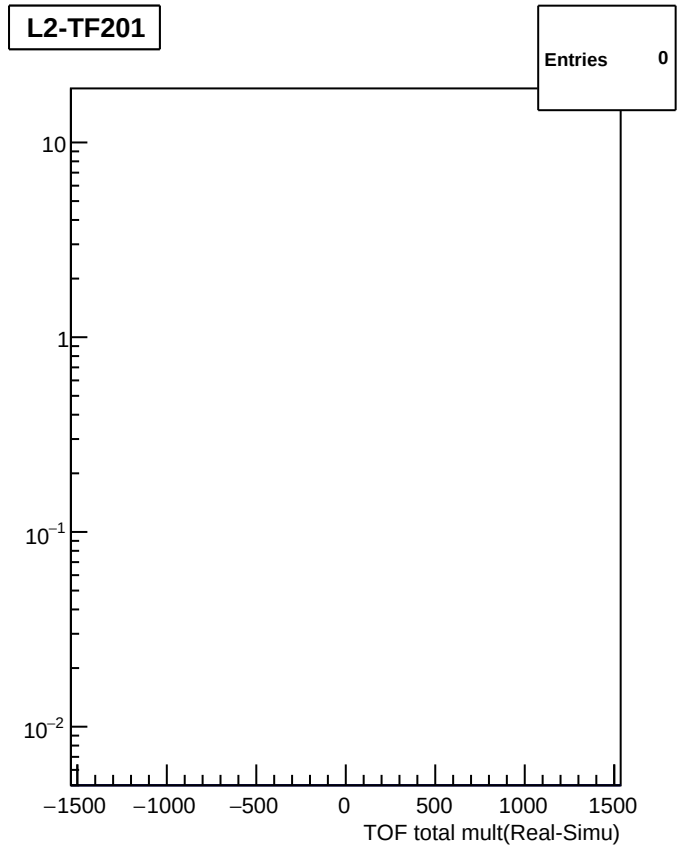

MIX-TF101
Entries 2707308
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

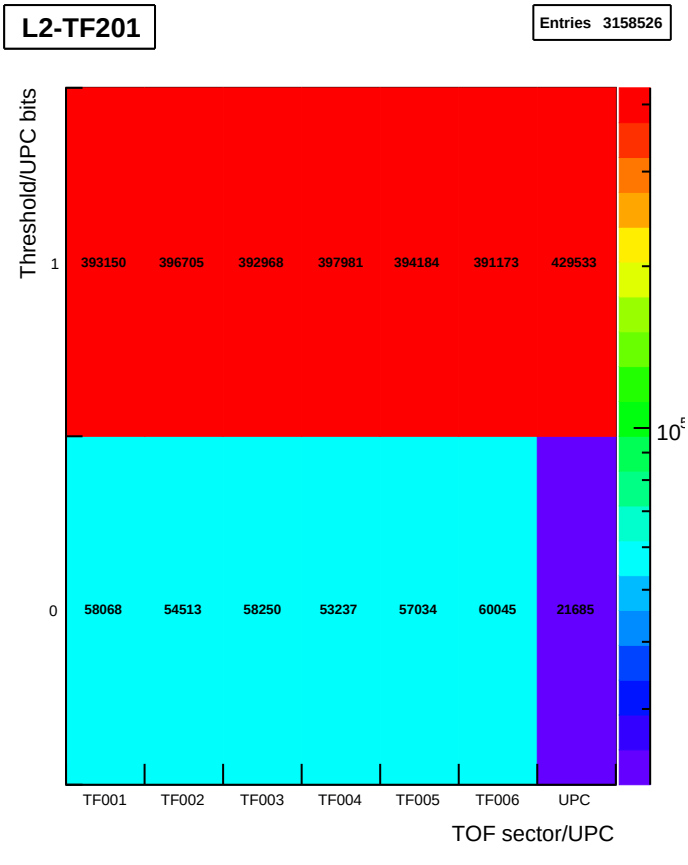

MIX-TF101
Entries 147443
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

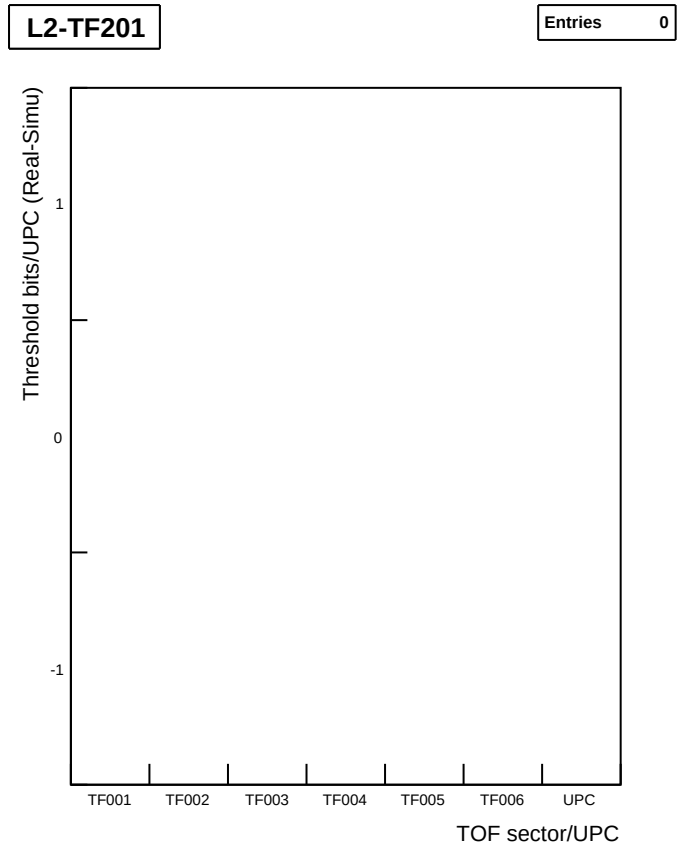

MIX-TF101
Entries 2707308
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

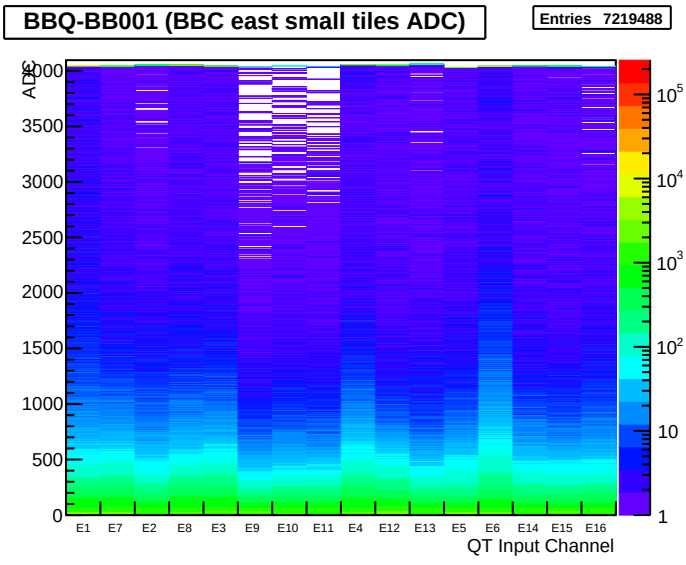

MIX-TF101
Entries 322064
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

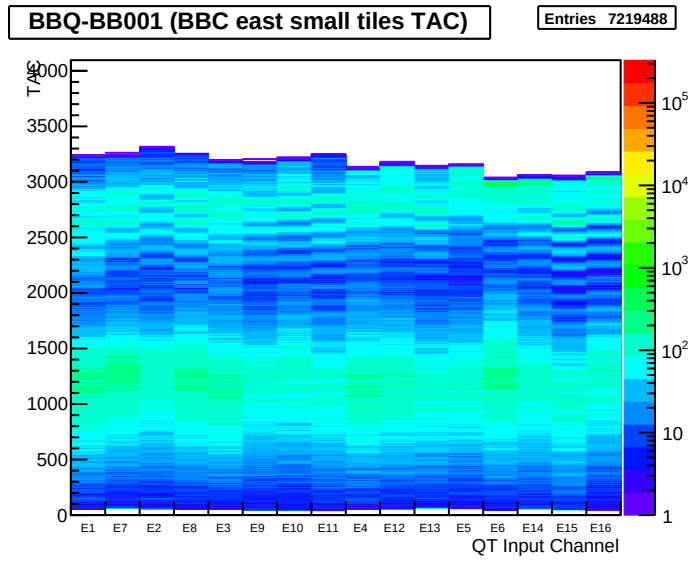

L2-TF201
Entries 451218
TOF total mult

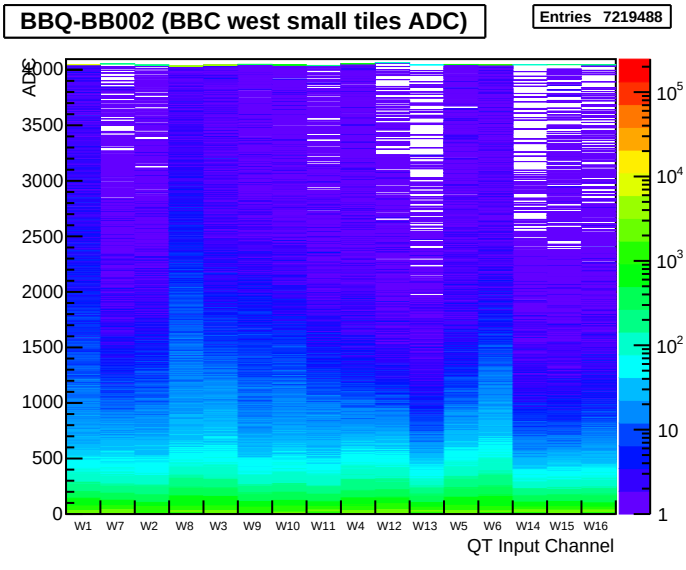

L2-TF201
Entries 0
TOF total mult(Real-Simu)

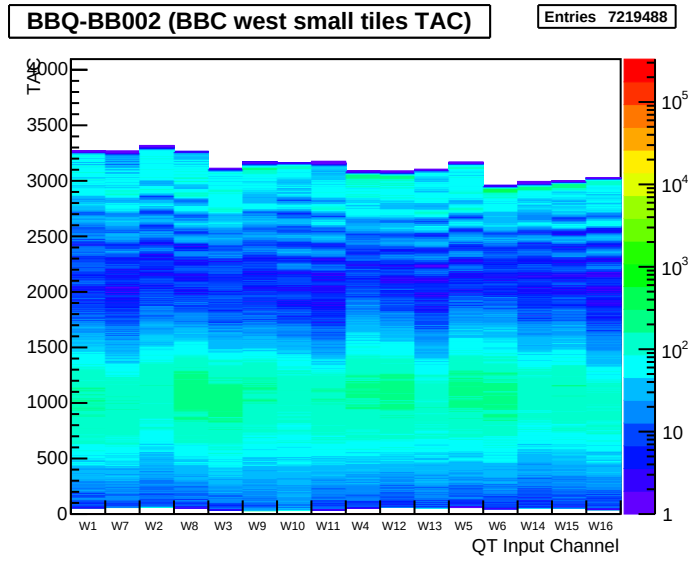

L2-TF201
Entries 3158526
Threshold/UPC bits
393150
396705
392968
397981
394184
391173
429533
58068
54513
58250
53237
57034
60045
21685
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

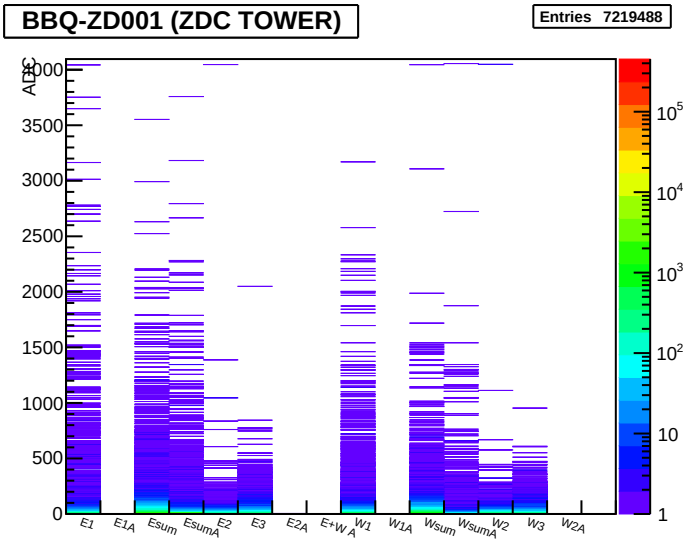

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

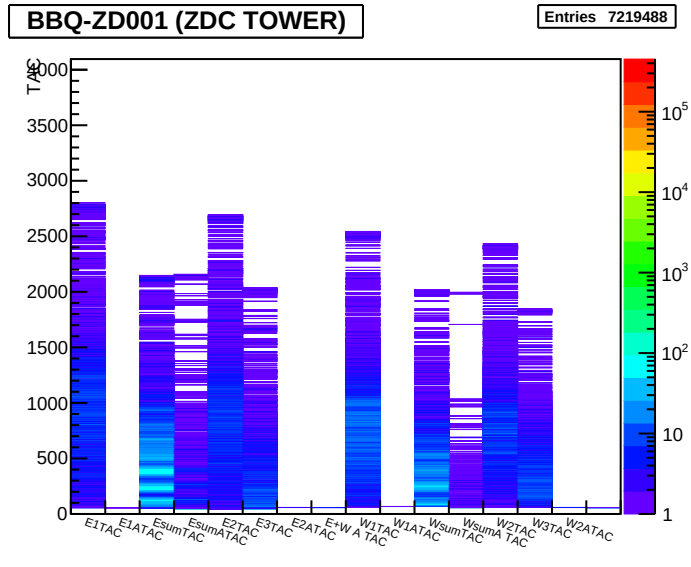

BBQ-BB001 (BBC east small tiles ADC)
Entries 7219488
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

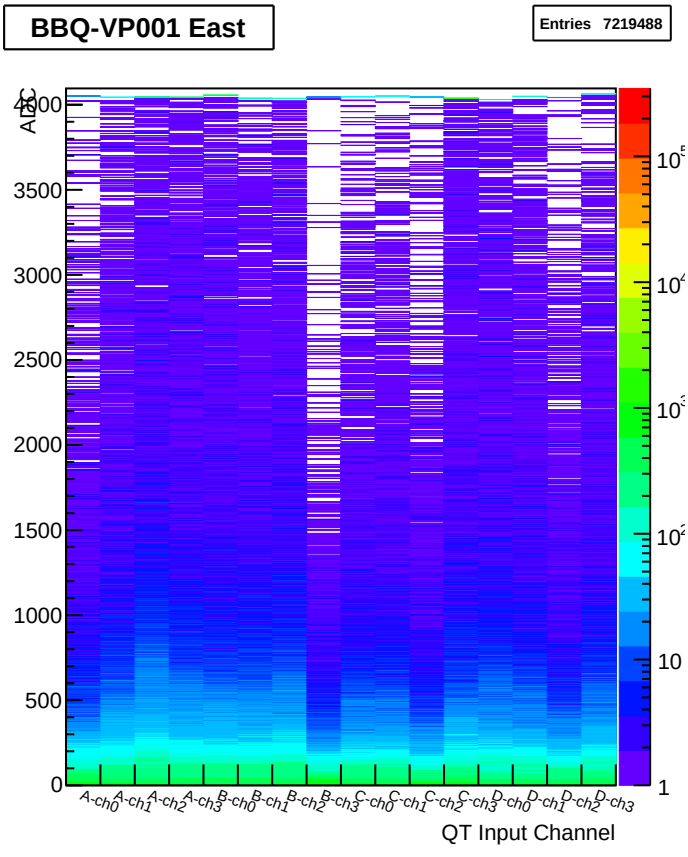

BBQ-BB001 (BBC east small tiles TAC)
Entries 7219488
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

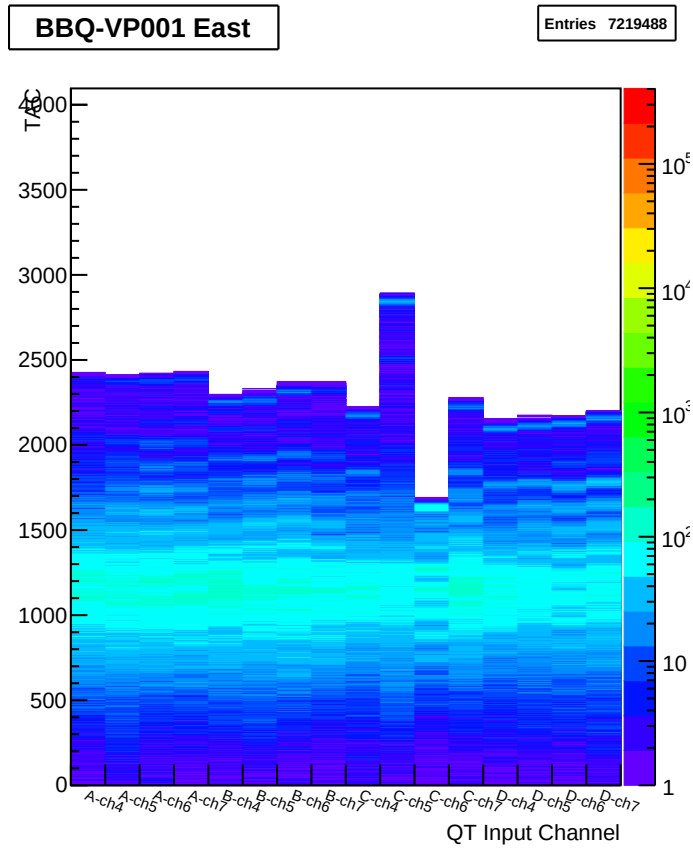

BBQ-BB002 (BBC west small tiles ADC)
Entries 7219488
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

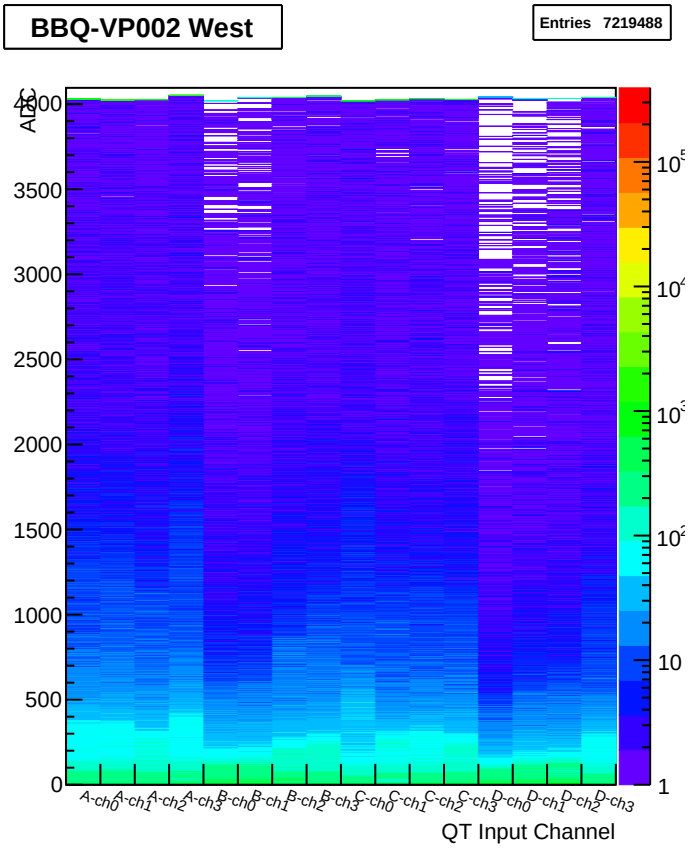

BBQ-BB002 (BBC west small tiles TAC)
Entries 7219488
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

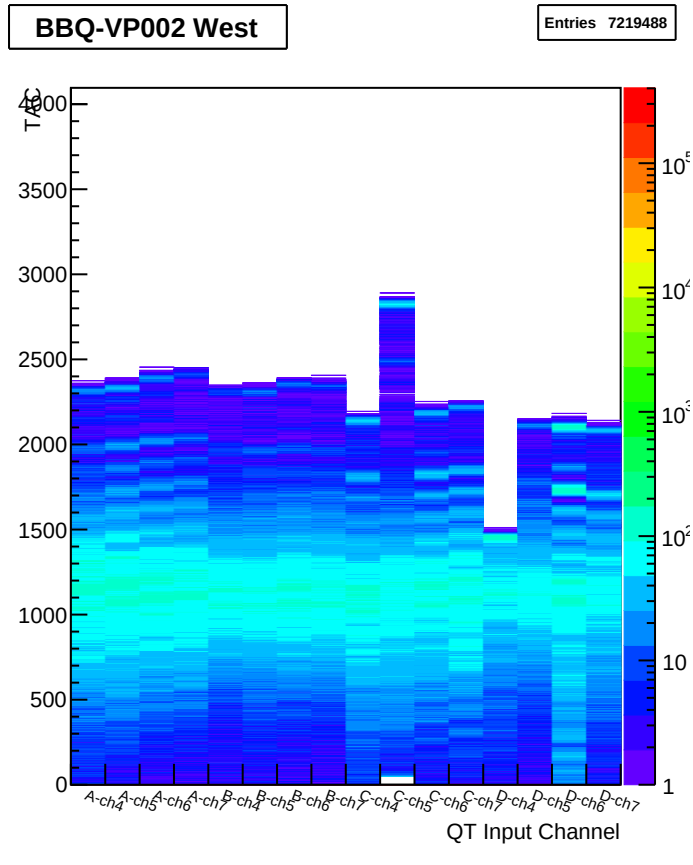

BBQ-ZD001 (ZDC TOWER)
Entries 7219488
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

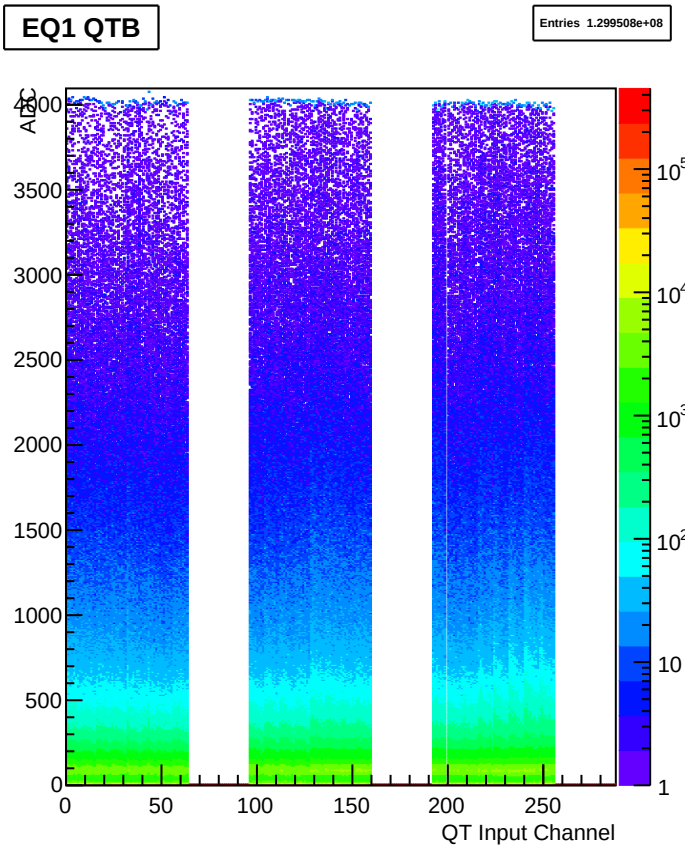

BBQ-ZD001 (ZDC TOWER)
Entries 7219488
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

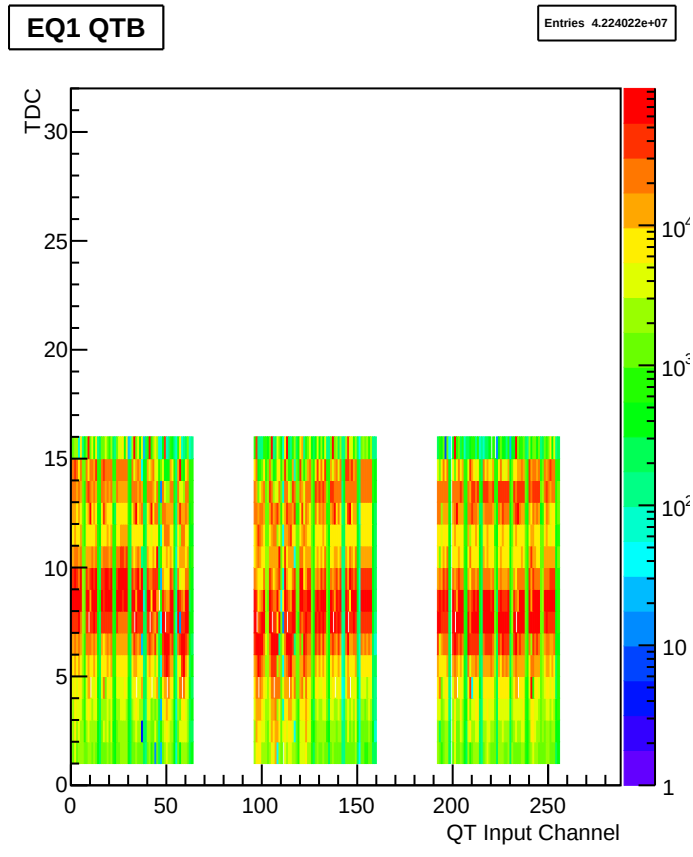

BBQ-VP001 East
Entries 7219488
ADC
QT Input Channel

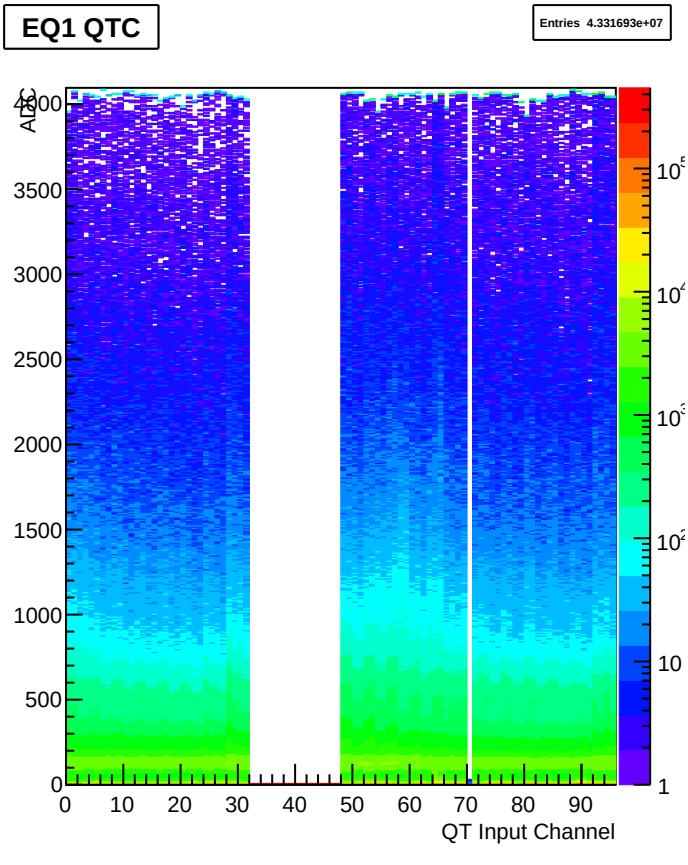

BBQ-VP001 East
Entries 7219488
ADC
QT Input Channel

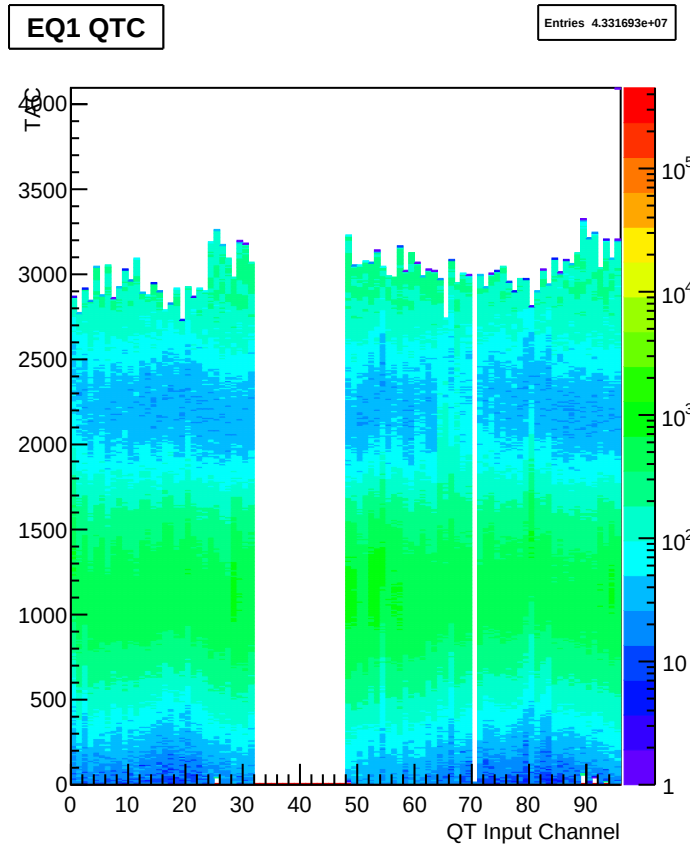

BBQ-VP002 West
Entries 7219488
ADC
QT Input Channel

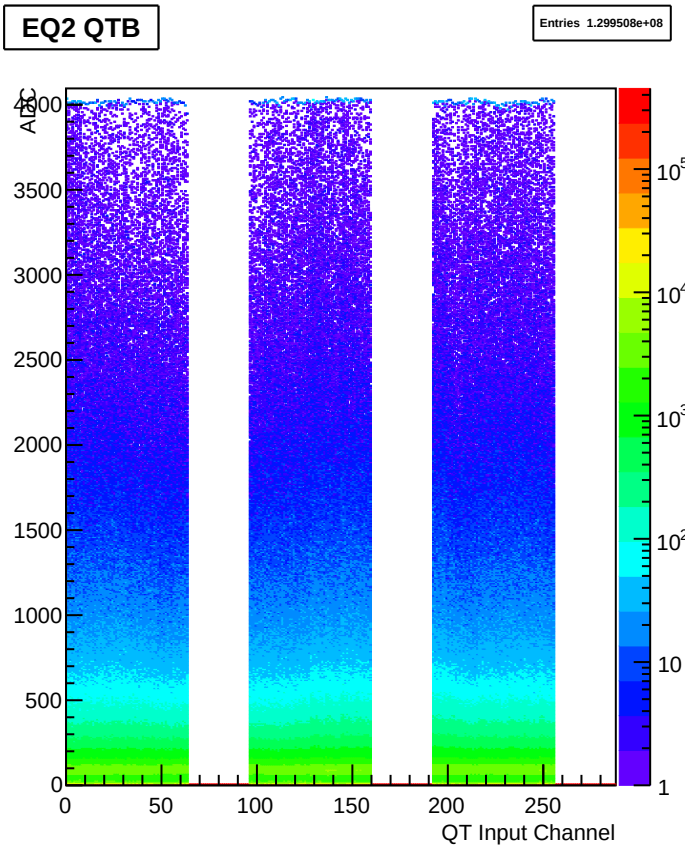

BBQ-VP002 West
Entries 7219488
ADC
QT Input Channel

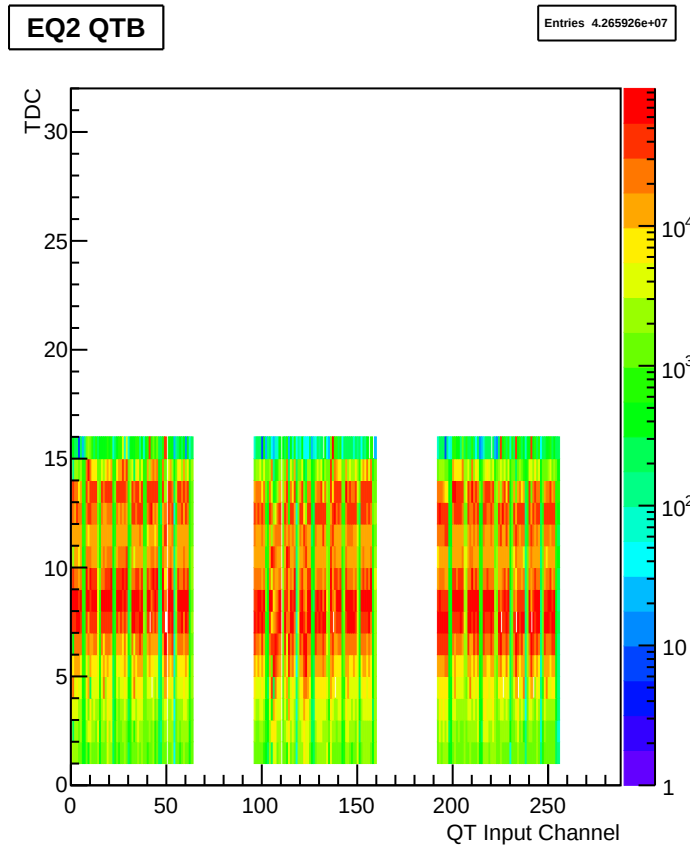

EQ1 QTB
Entries 1.299508e+08
ADC
QT Input Channel

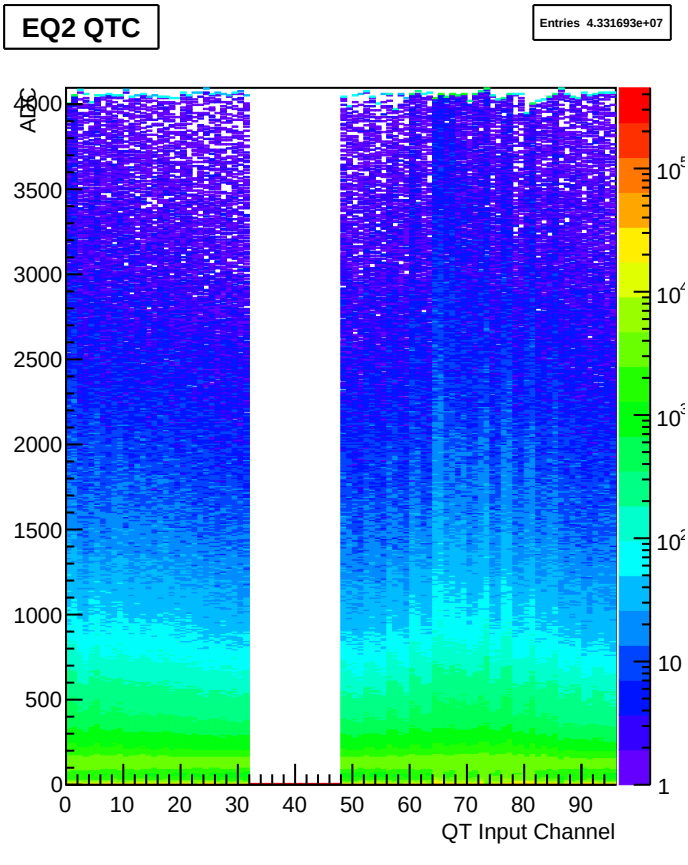

EQ1 QTB
Entries 4.224022e+07
TDC
QT Input Channel

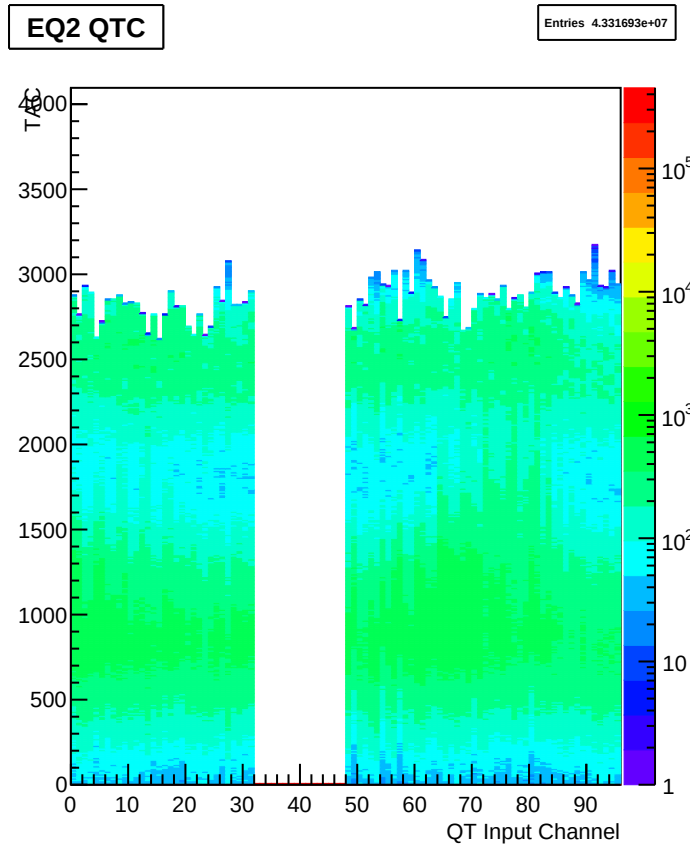

EQ1 QTC
Entries 4.331693e+07
ADC
QT Input Channel

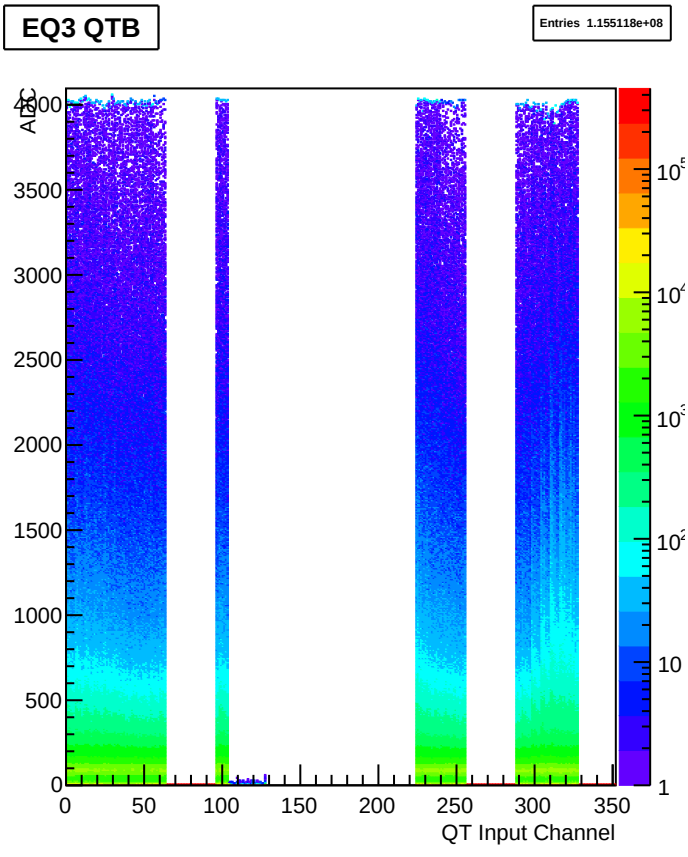

EQ1 QTC
Entries 4.331693e+07
TADC
QT Input Channel

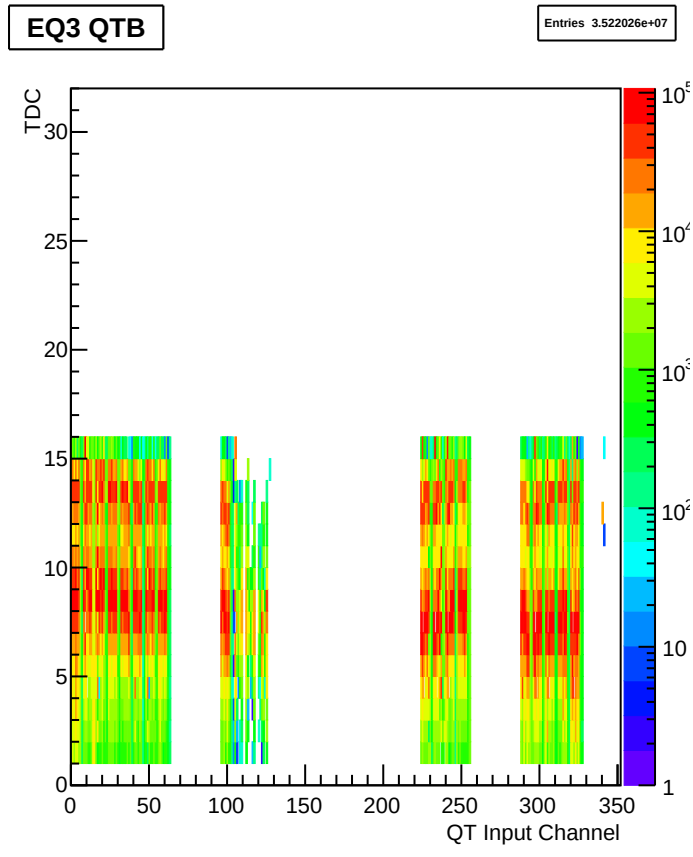

EQ2 QTB
Entries 1.299508e+08
ADC
QT Input Channel

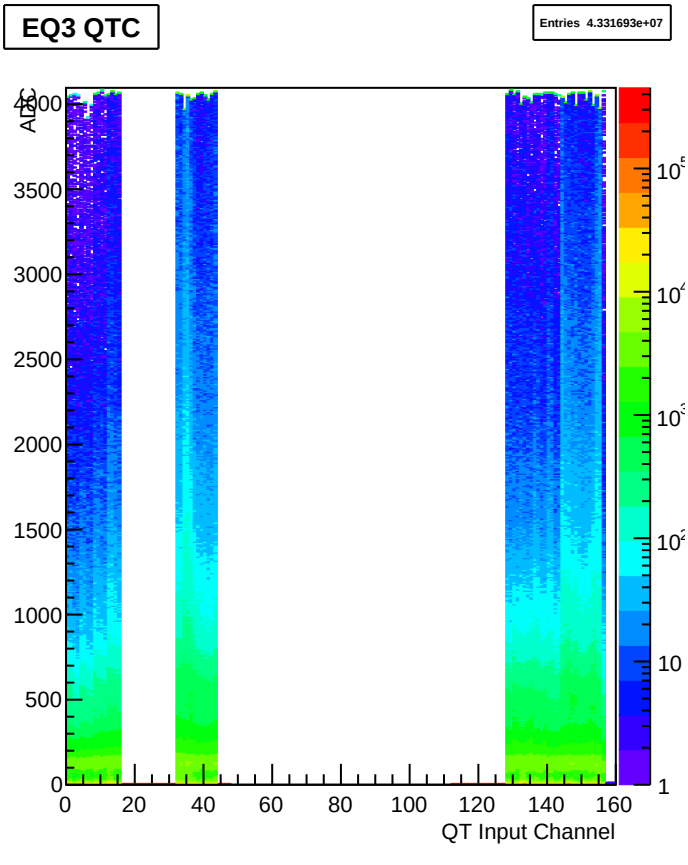

EQ2 QTB
Entries 4.265926e+07
TDC
QT Input Channel

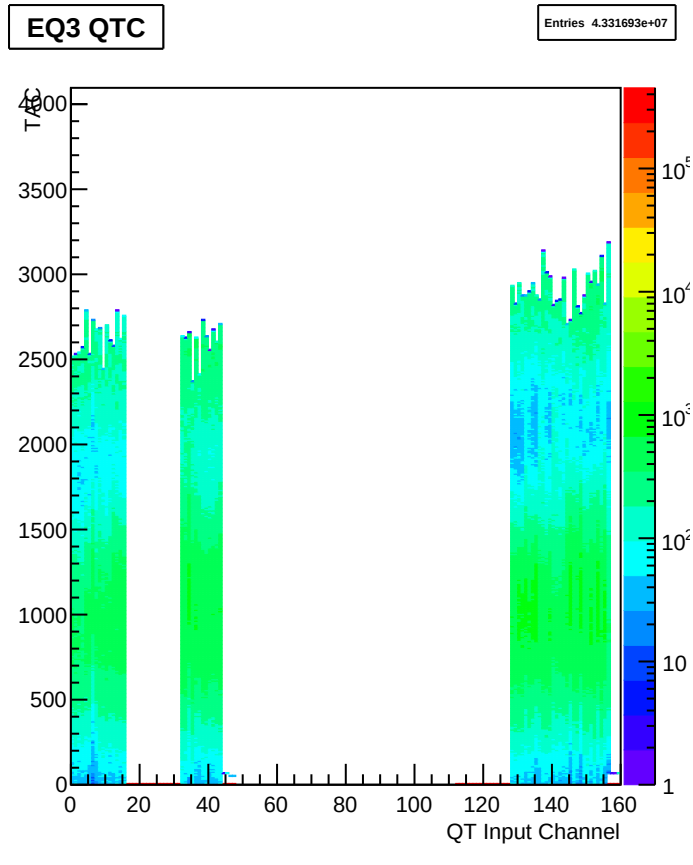

EQ2 QTC
Entries 4.331693e+07
ADC
QT Input Channel

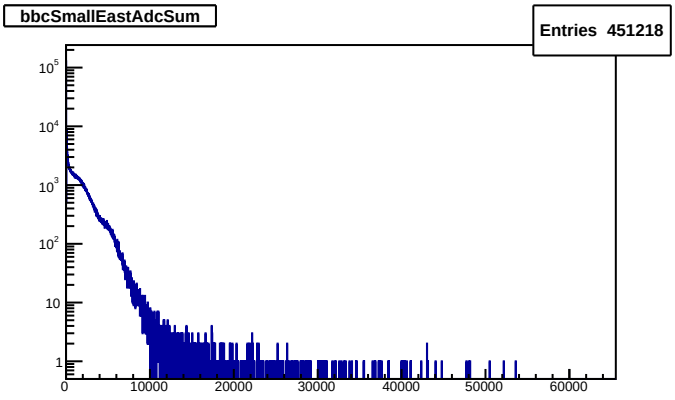

EQ2 QTC
Entries 4.331693e+07
TADC
QT Input Channel

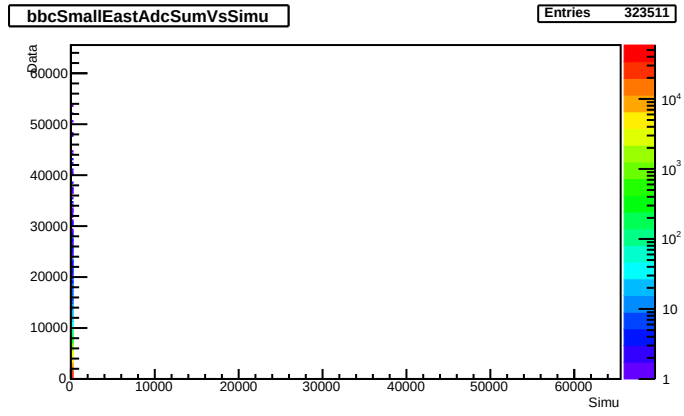

EQ3 QTB
Entries 1.155118e+08
ADC
QT Input Channel

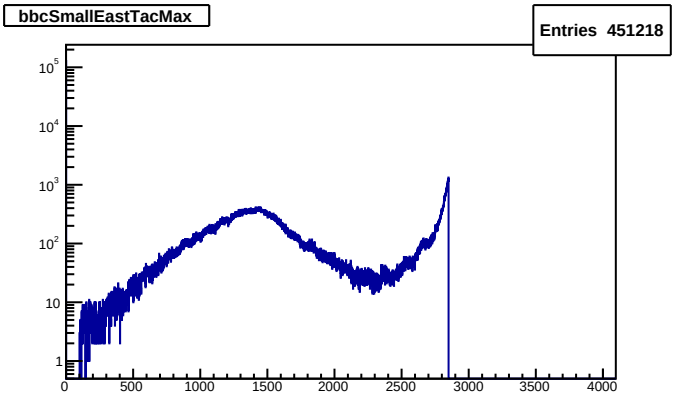

EQ3 QTB
Entries 3.522026e+07
TDC
QT Input Channel

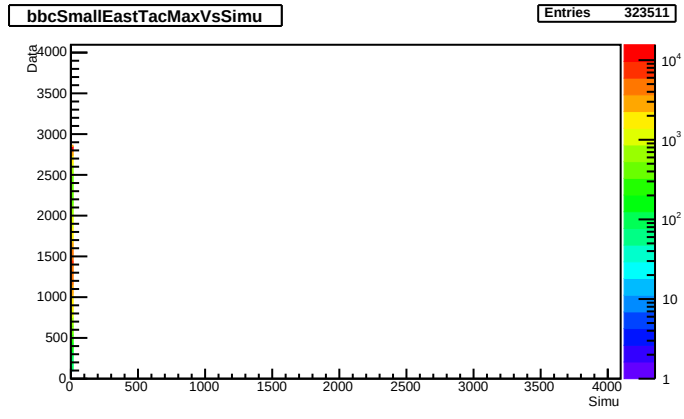

EQ3 QTC
Entries 4.331693e+07
ADC
QT Input Channel

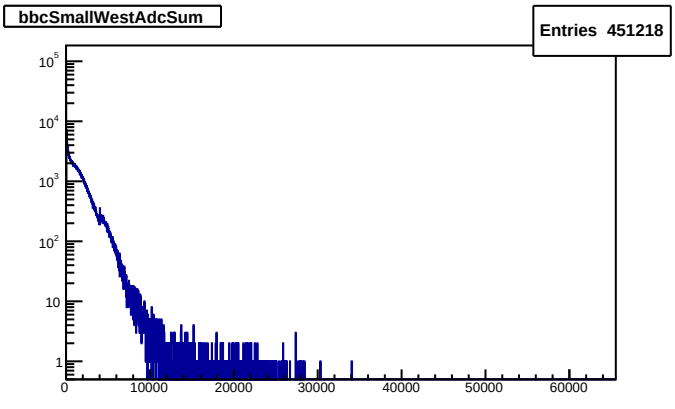

EQ3 QTC
Entries 4.331693e+07
TADC
QT Input Channel

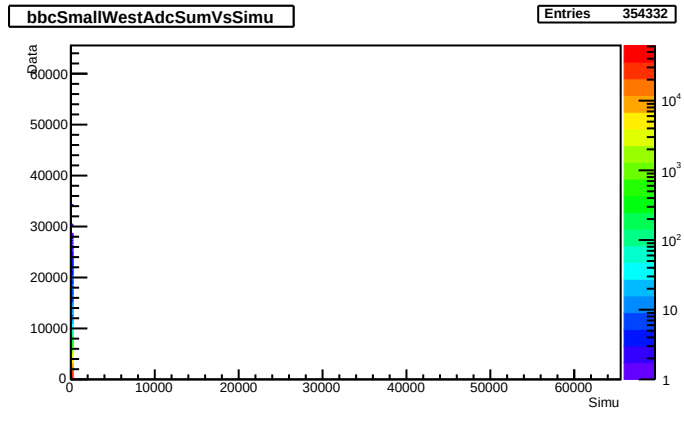

bbcSmallEastAdcSum
Entries 451218

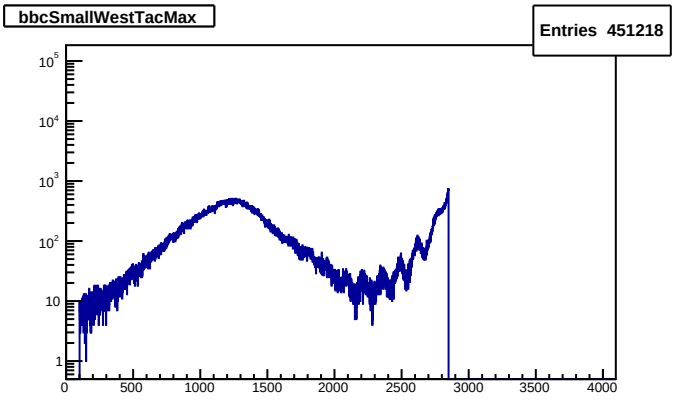

bbcSmallEastAdcSumVsSimu
Entries 323511
Data
Simu

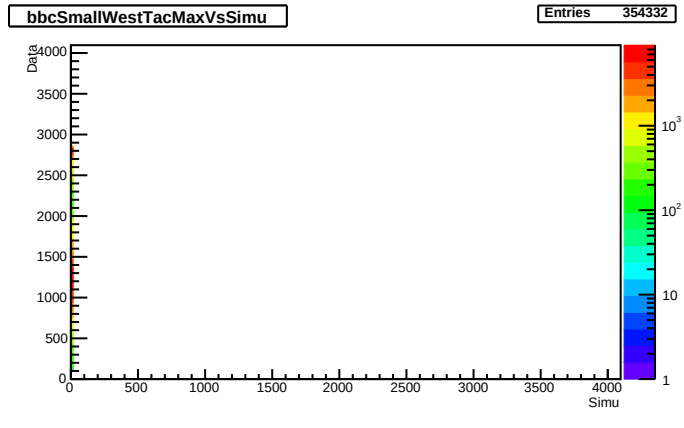

bbcSmallEastTacMax
Entries 451218

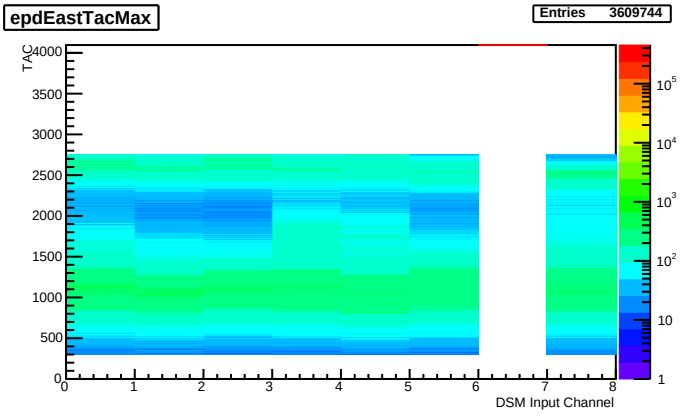

bbcSmallEastTacMaxVsSimu
Entries 323511
Data
Simu

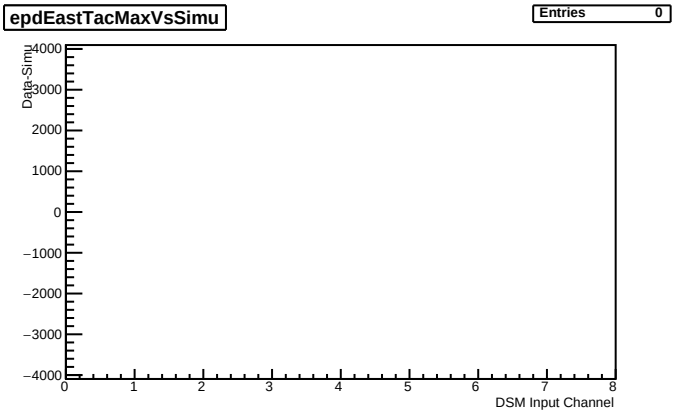

bbcSmallWestAdcSum
Entries 451218

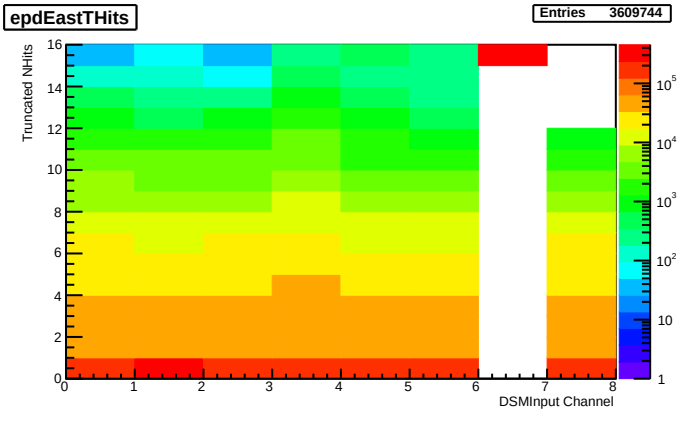

bbcSmallWestAdcSumVsSimu
Entries 354332
Data
Simu

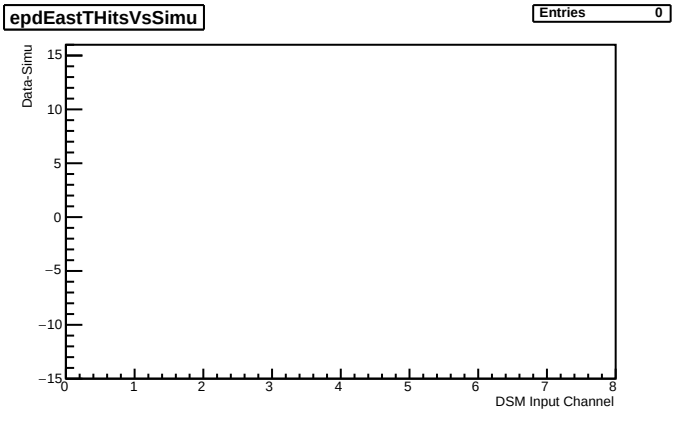

bbcSmallWestTacMax
Entries 451218


bbcSmallWestTacMaxVsSimu
Entries 354332
Data
Simu


epdEastTacMax
Entries 3609744
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3609744
Truncated NHits
DSMInput Channel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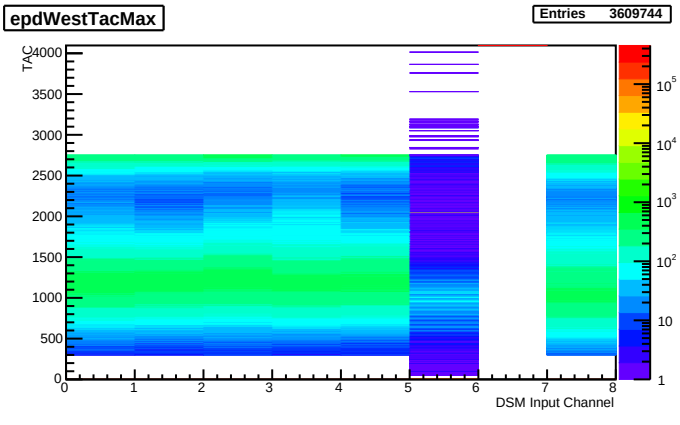
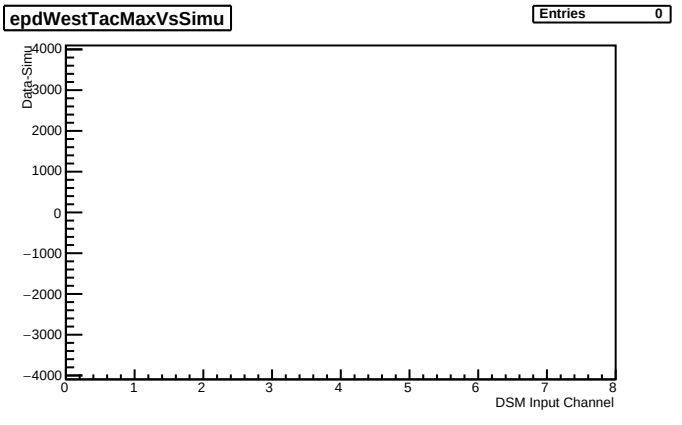
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3609744
TAC
DSM Input Channel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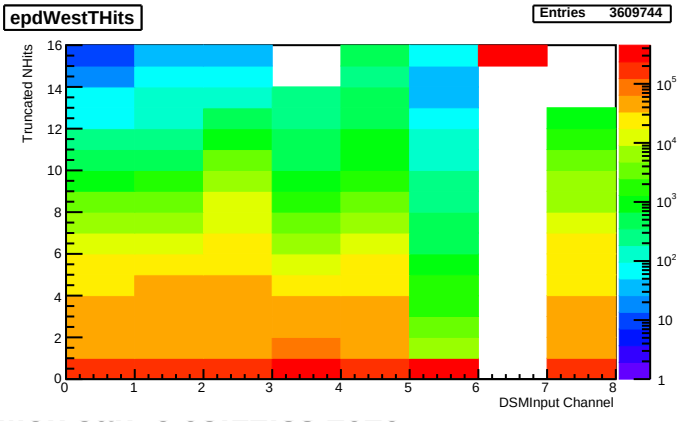
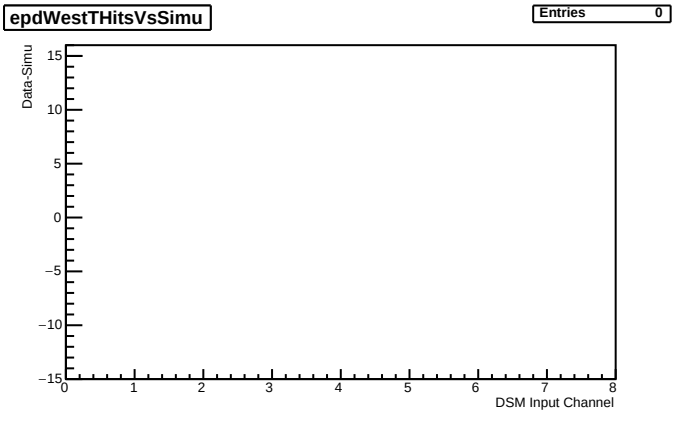
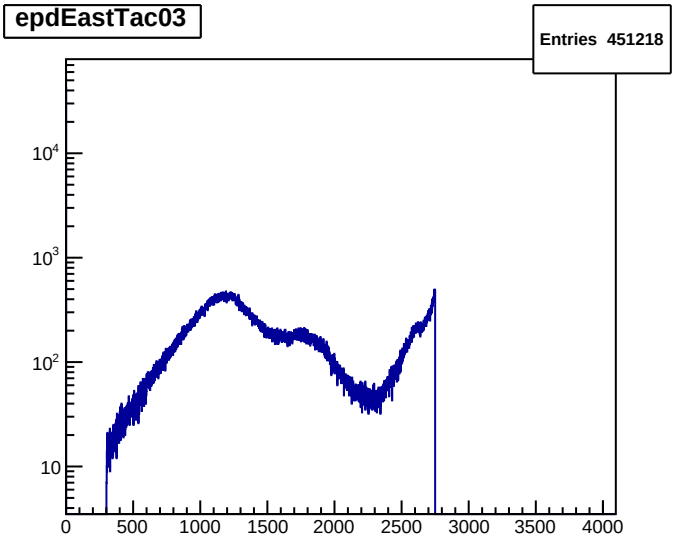
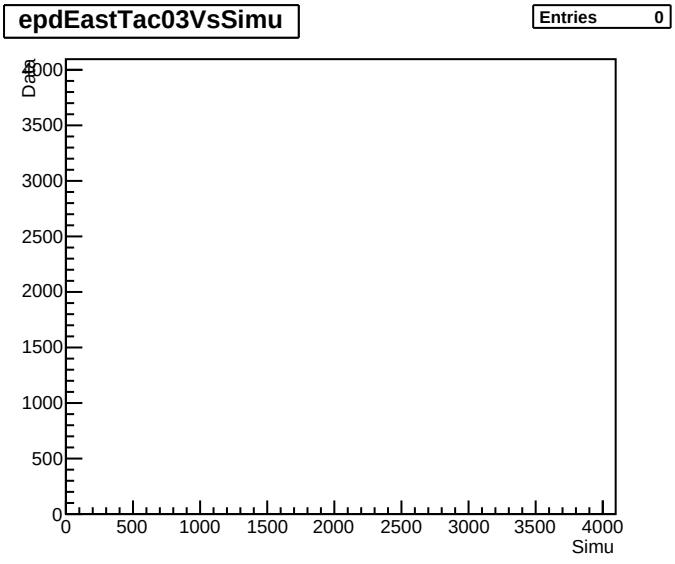
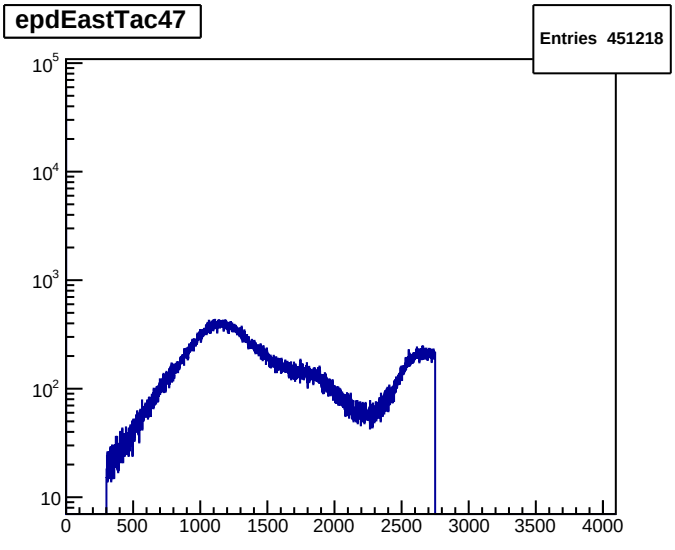
Entries 0
Data-Simu
DSM Input Channel

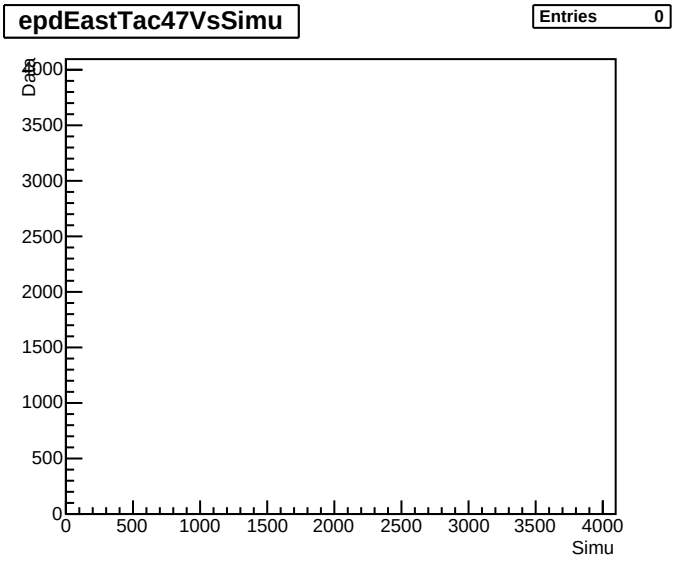

epdWestTHits
Entries 3609744
Truncated NHits
DSMInput Channel

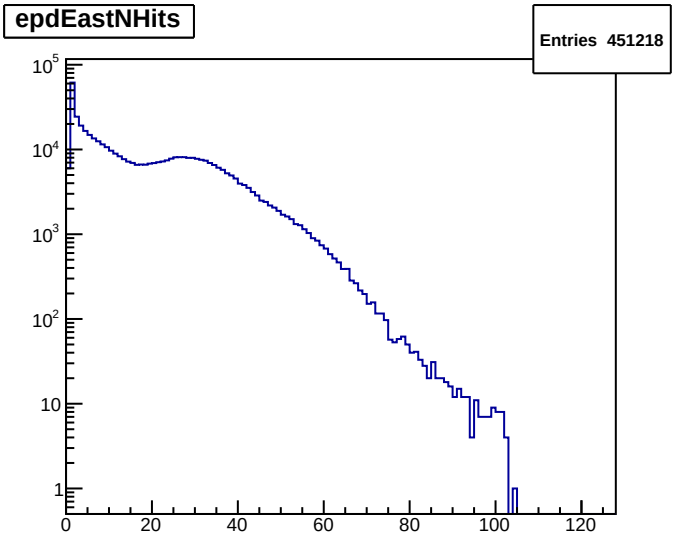

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

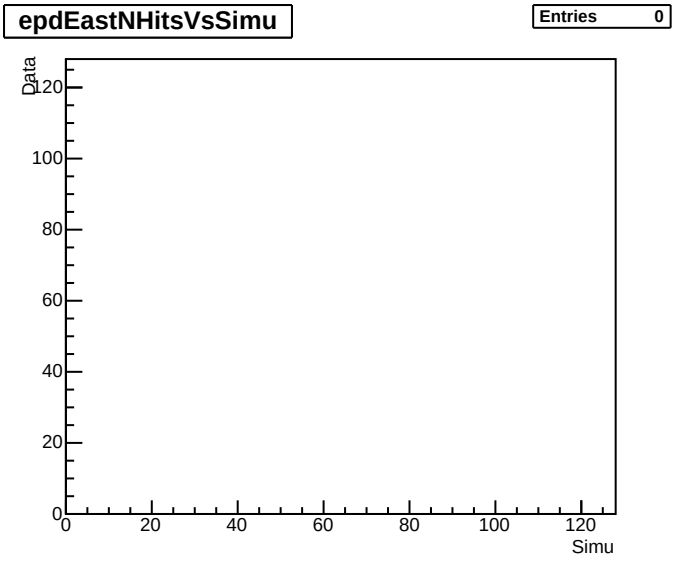

epdEastTac03
Entries 451218


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 451218


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 451218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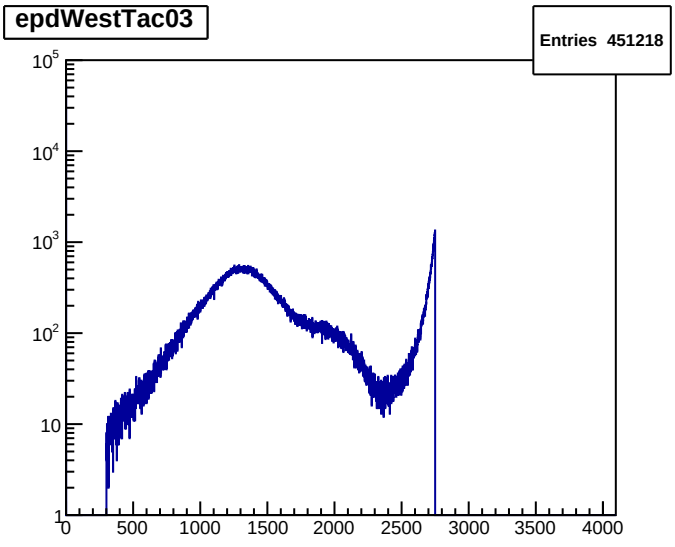
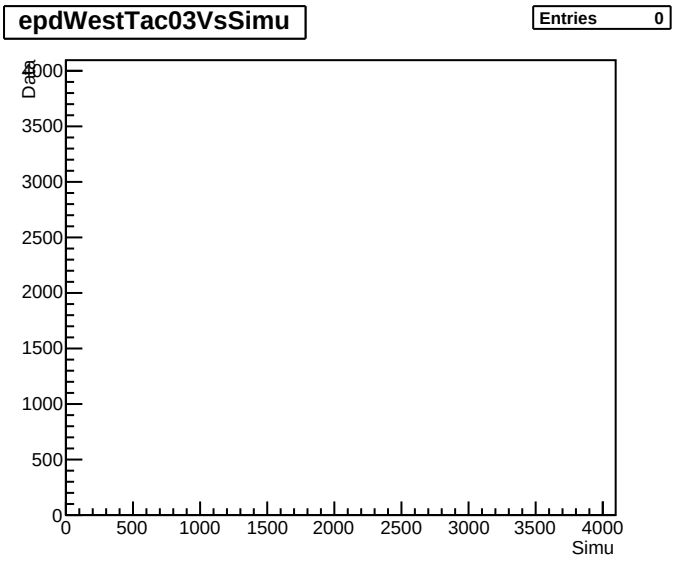
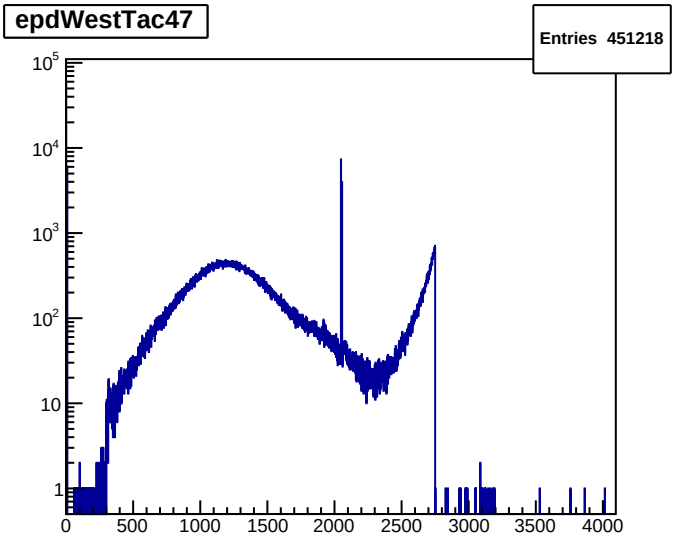
Entries 0
Data
Simu


epdWestTac03
Entries 451218


epdWestTac03VsSimu
Entries 0
Data
Simu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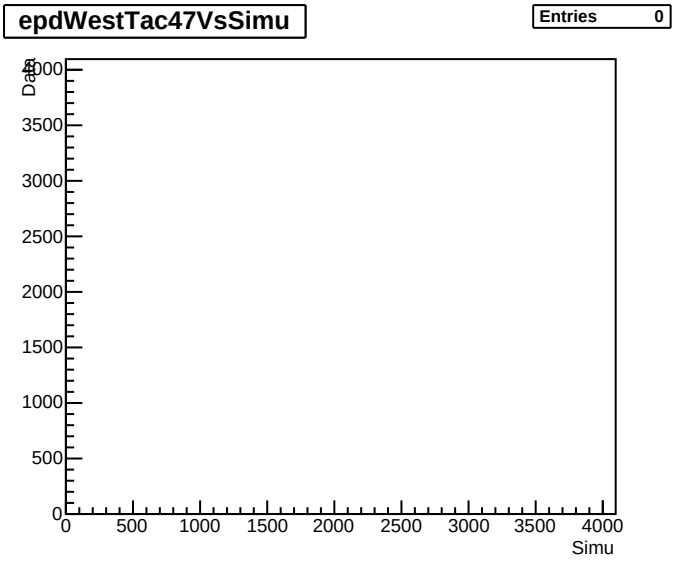
Entries 451218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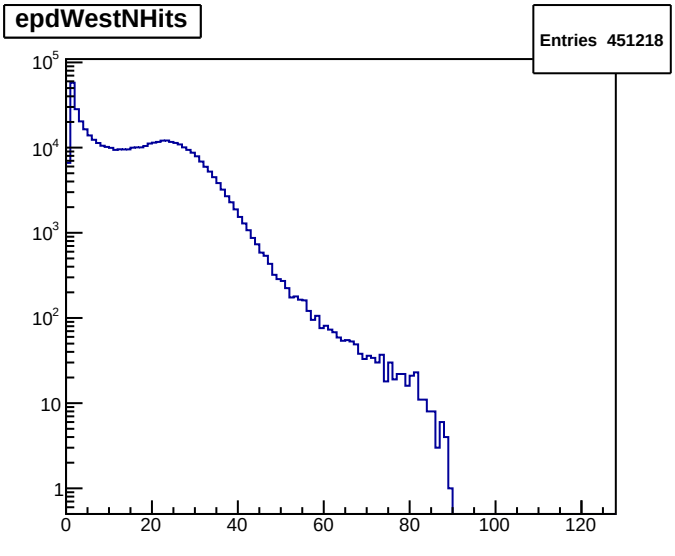
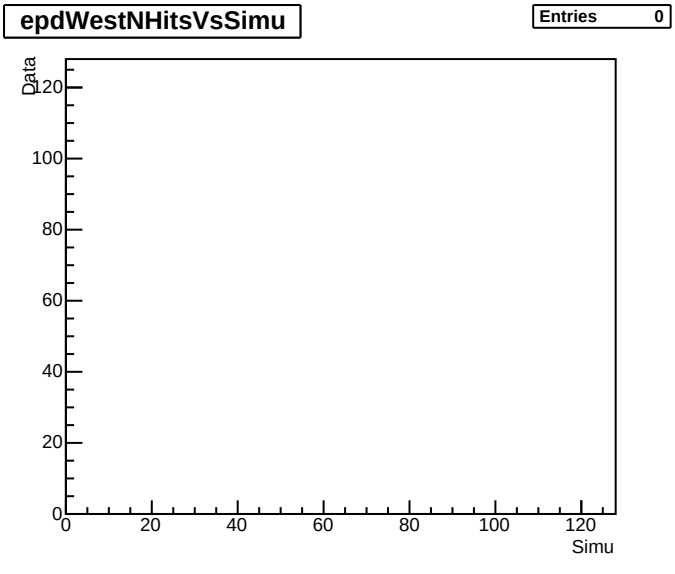
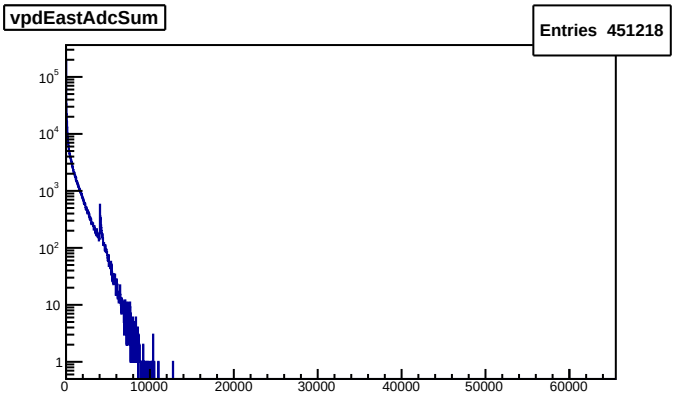
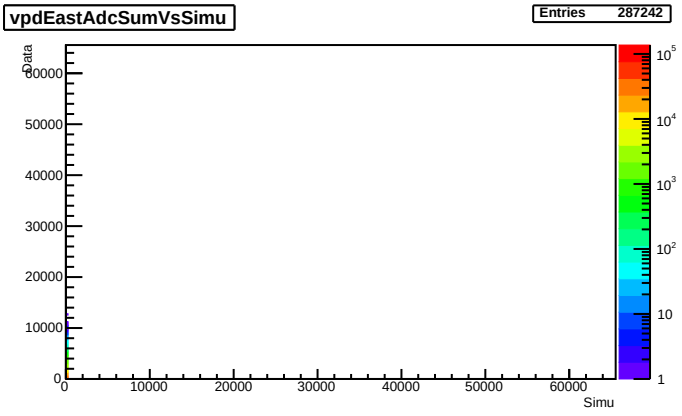
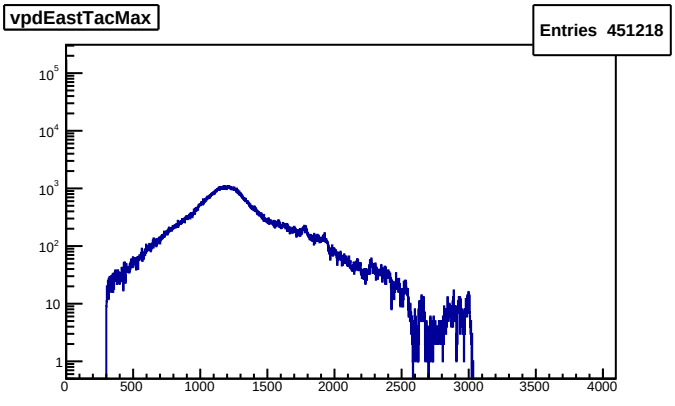
Entries 0
Data
Simu

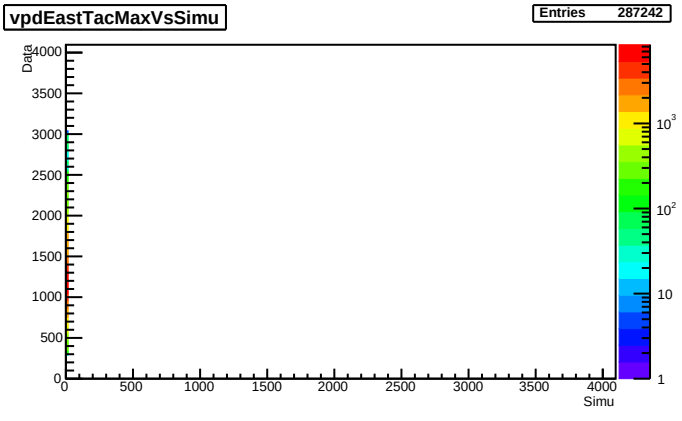

epdWestNHits
Entries 451218

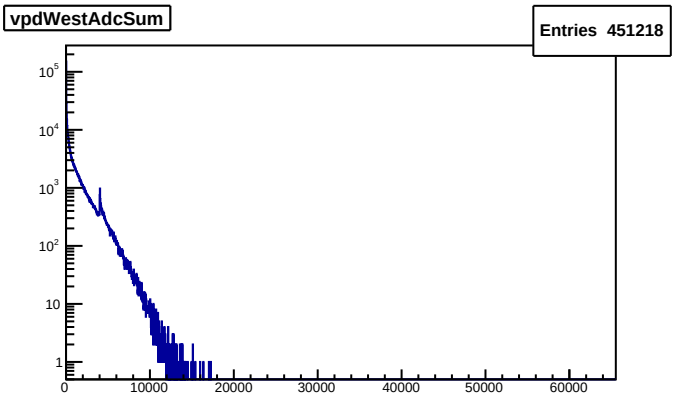

epdWestNHitsVsSimu
Entries 0
Data
Simu

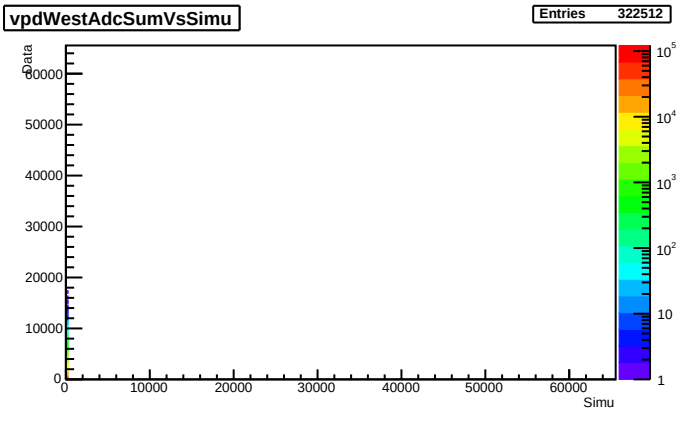

vpdEastAdcSum
Entries 451218

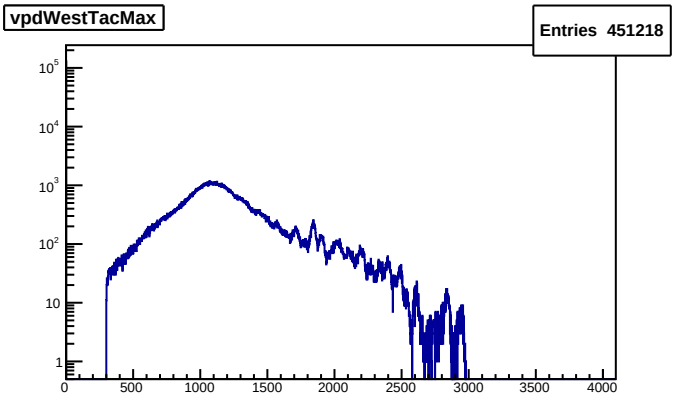

vpdEastAdcSumVsSimu
Entries 287242
Data
Simu

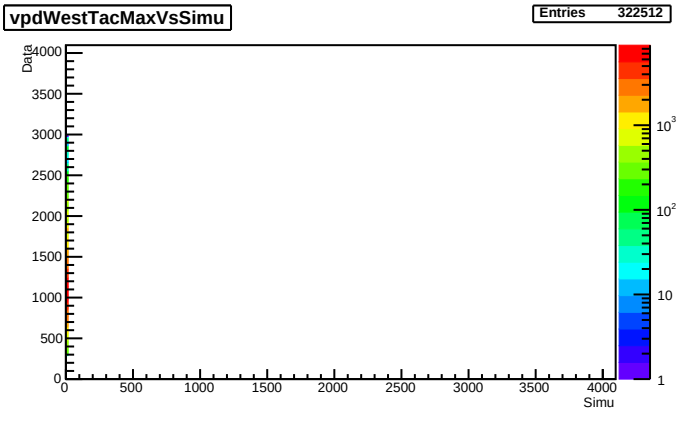

vpdEastTacMax
Entries 451218

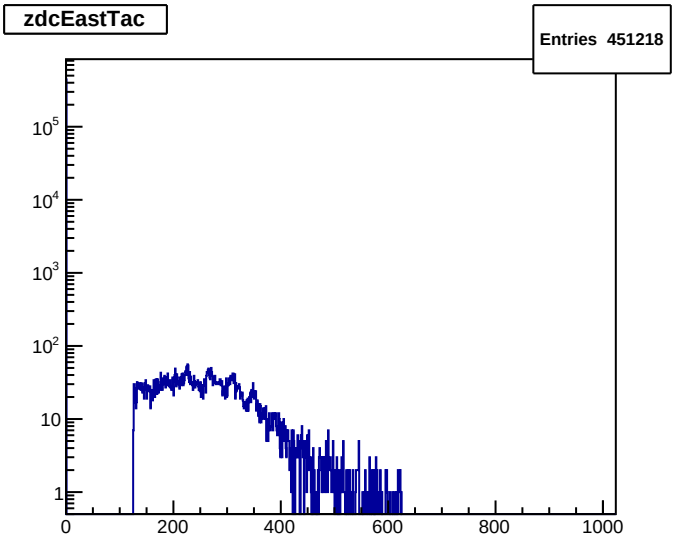

vpdEastTacMaxVsSimu
Entries 287242
Data
Simu

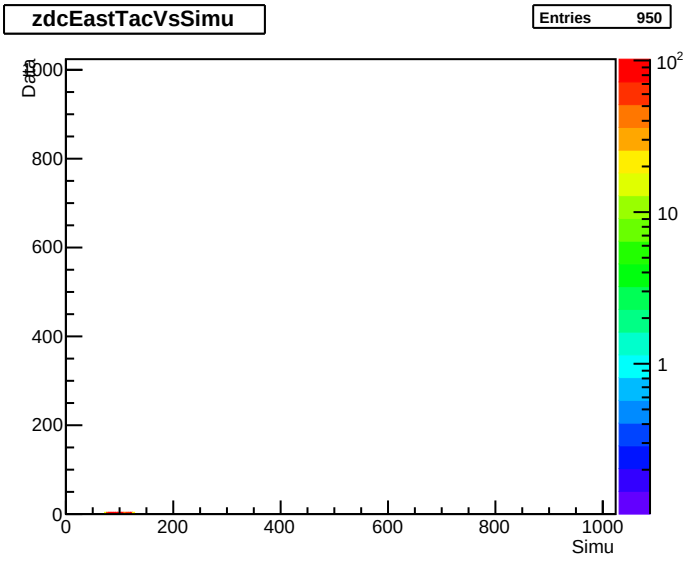

vpdWestAdcSum
Entries 451218

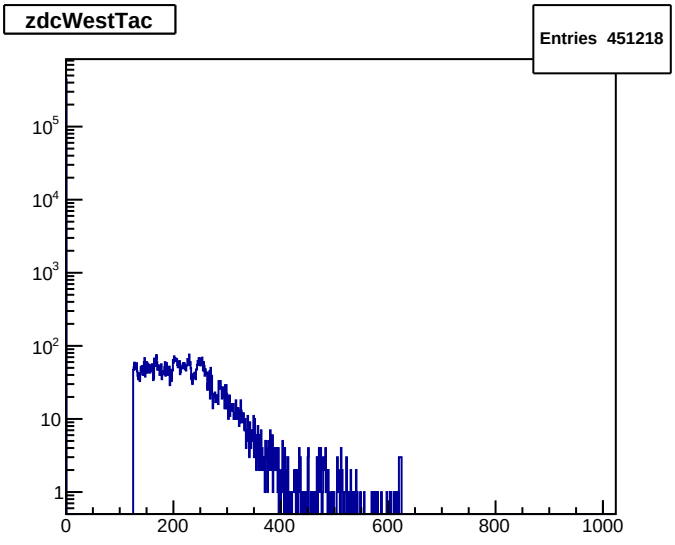

vpdWestAdcSumVsSimu
Entries 322512
Data
Simu

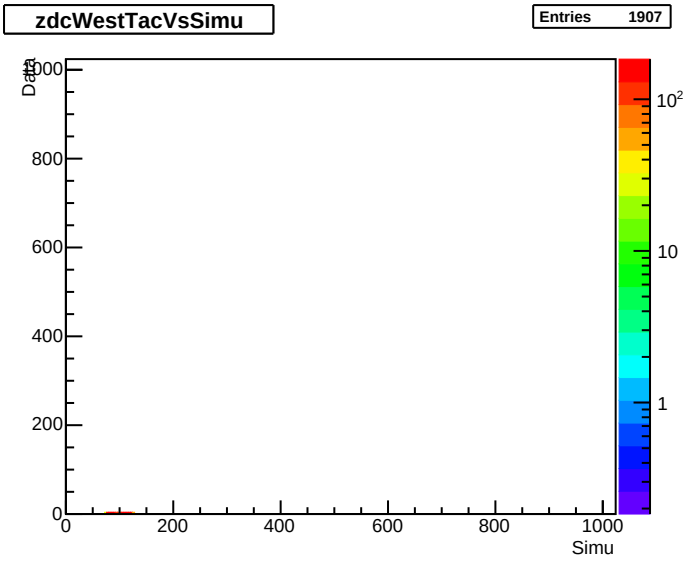

vpdWestTacMax
Entries 451218

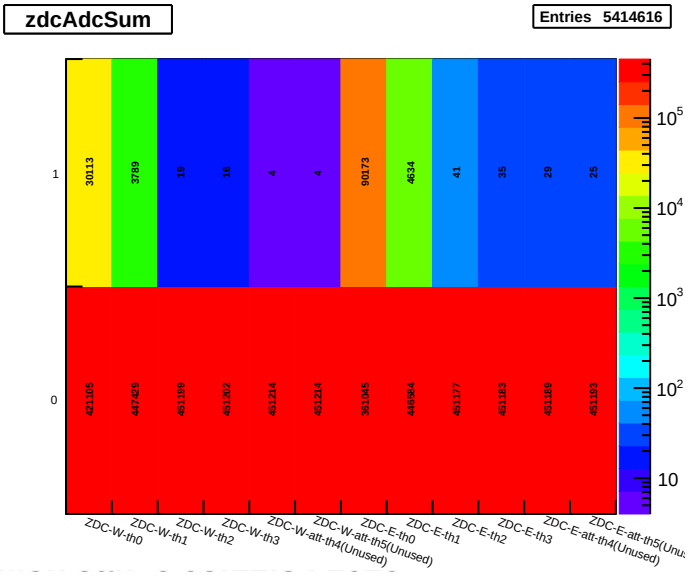

vpdWestTacMaxVsSimu
Entries 322512
Data
Simu

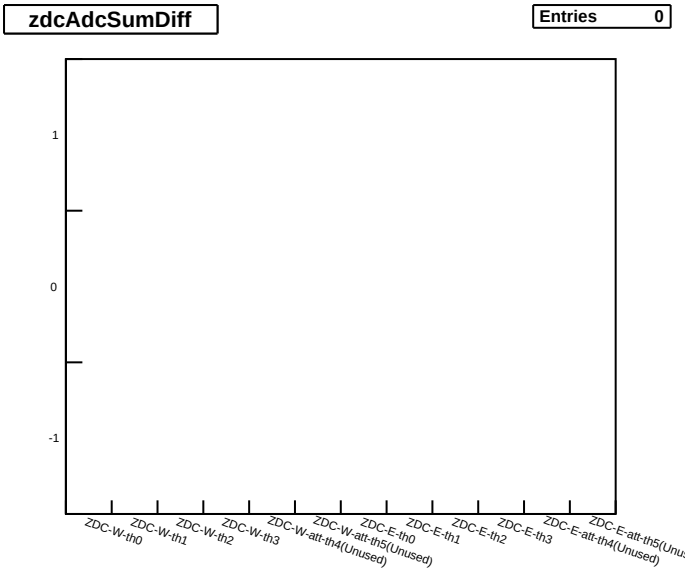

zdcEastTac
Entries 451218

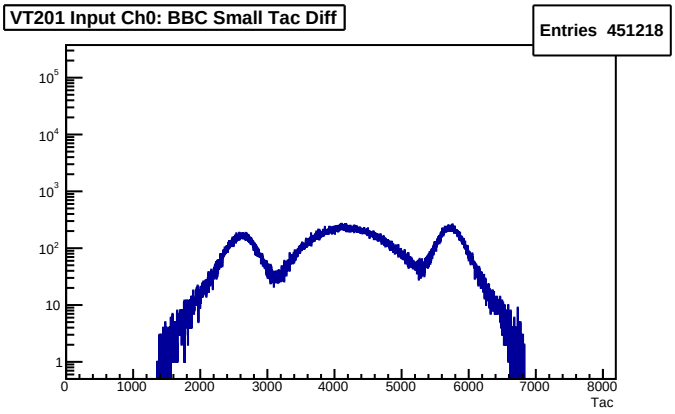

zdcEastTacVsSimu
Entries 950
Data
Simu

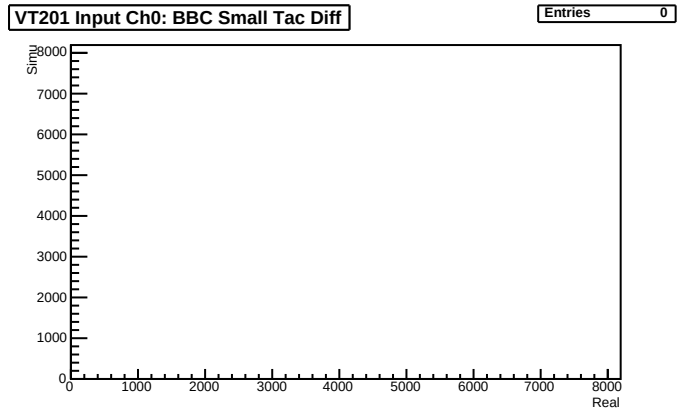

zdcWestTac
Entries 451218

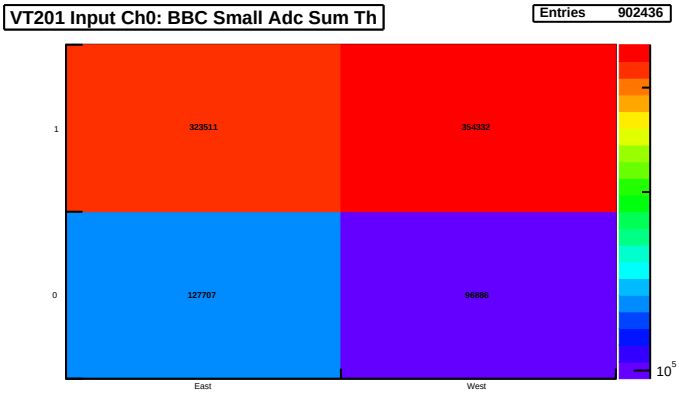

zdcWestTacVsSimu
Entries 1907
Data
Simu

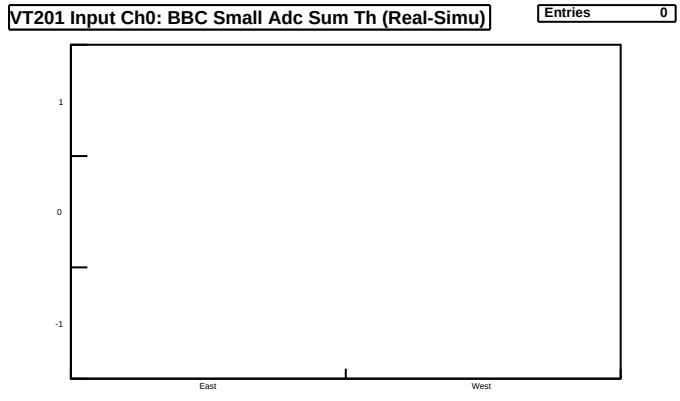

zdcAdcSum
Entries 5414616
30113
3789
19
16
4
4
90173
4634
41
35
29
25
421105
447429
451199
451202
451214
451214
361045
446584
451177
451183
451189
451193
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

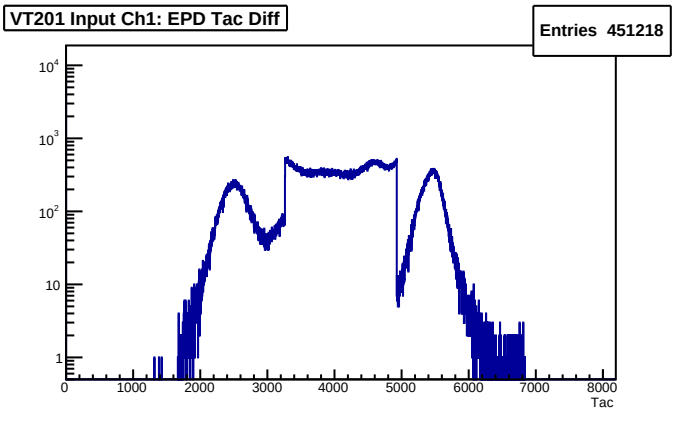

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

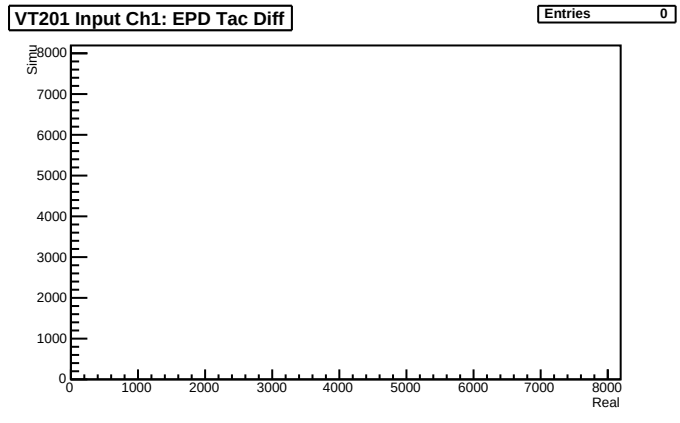

VT201 Input Ch0: BBC Small Tac Diff
Entries 451218
Tac

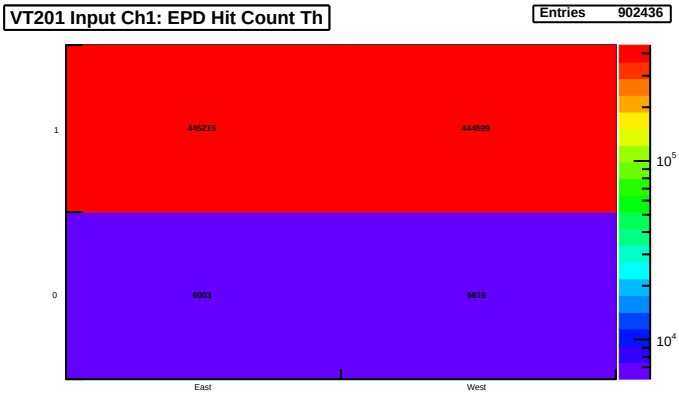

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

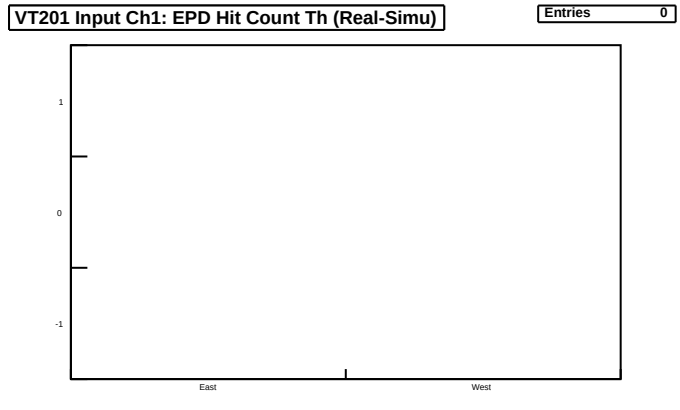

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 902436
323511
354332
127707
96886
East
West

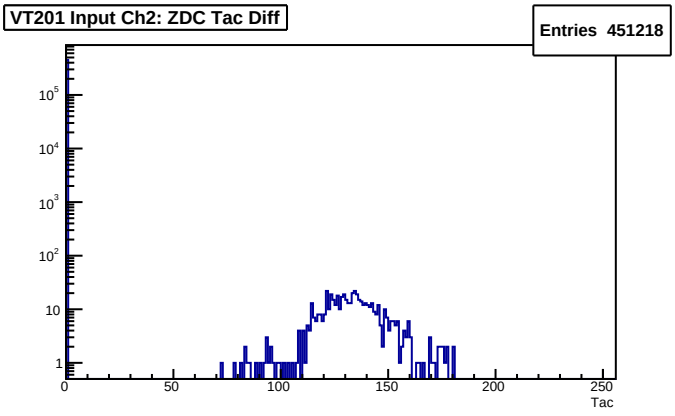

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

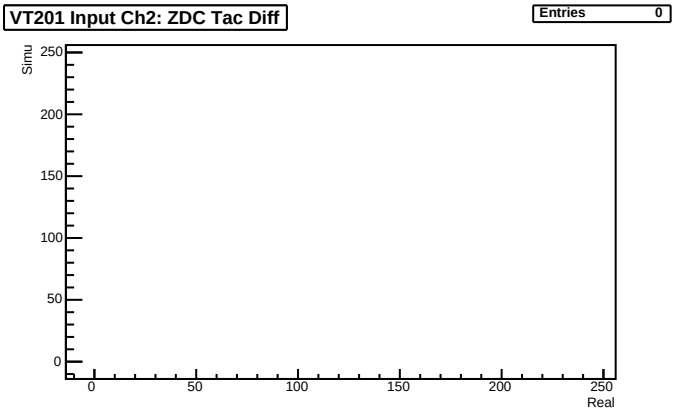

VT201 Input Ch1: EPD Tac Diff
Entries 451218
Tac

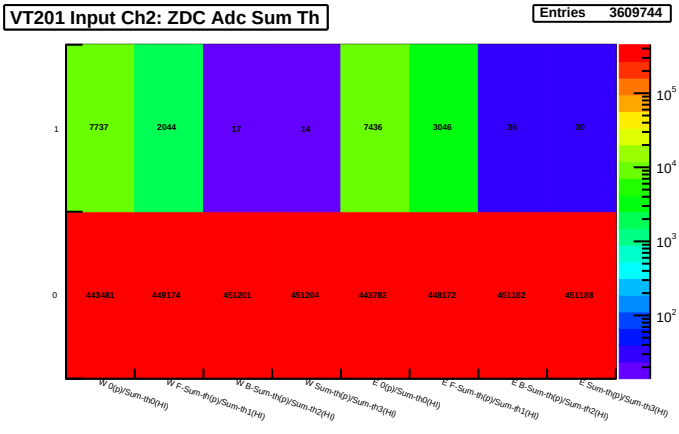

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

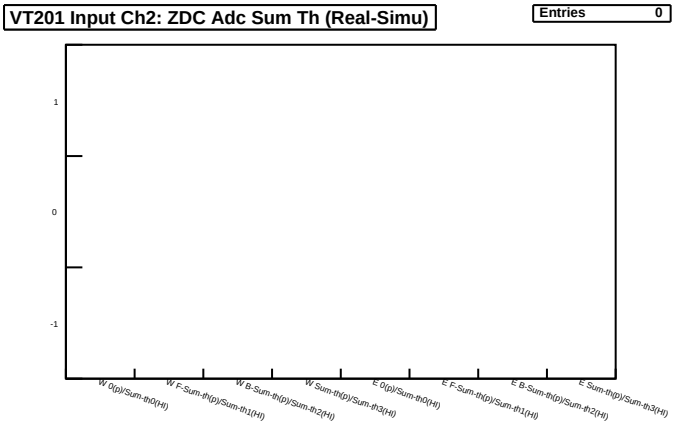

VT201 Input Ch1: EPD Hit Count Th
Entries 902436
445215
444599
6003
6619
East
West

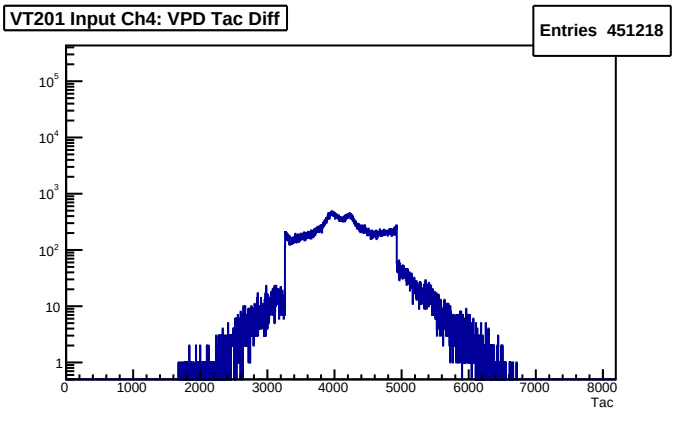

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

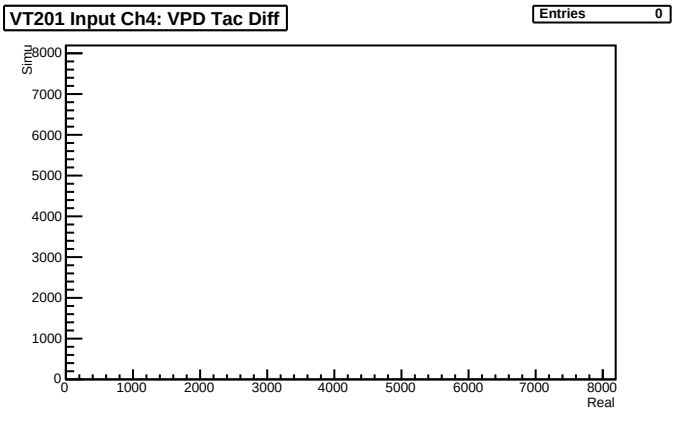

VT201 Input Ch2: ZDC Tac Diff
Entries 451218
Tac

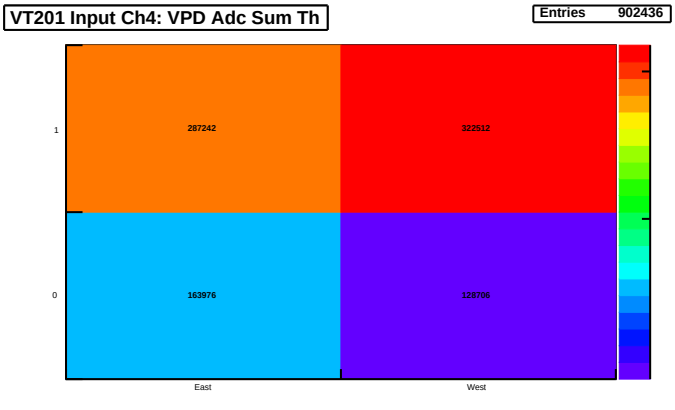

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

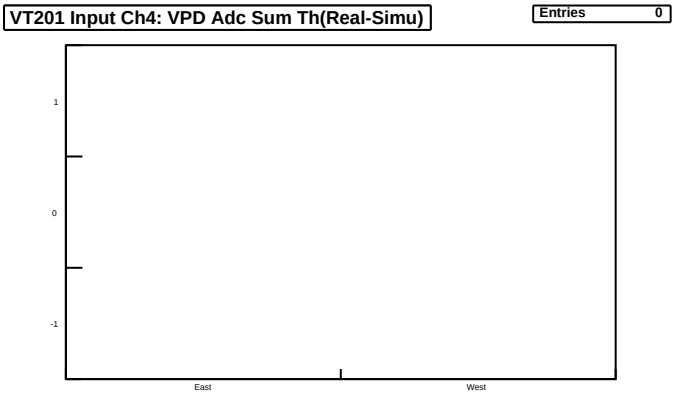

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3609744
7737
2044
17
14
7436
3046
36
30
443481
449174
451201
451204
443782
448172
451182
451188
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

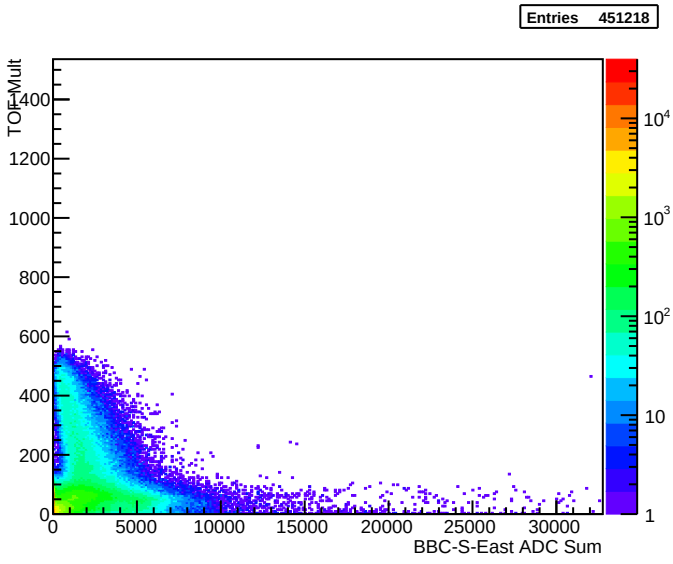

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

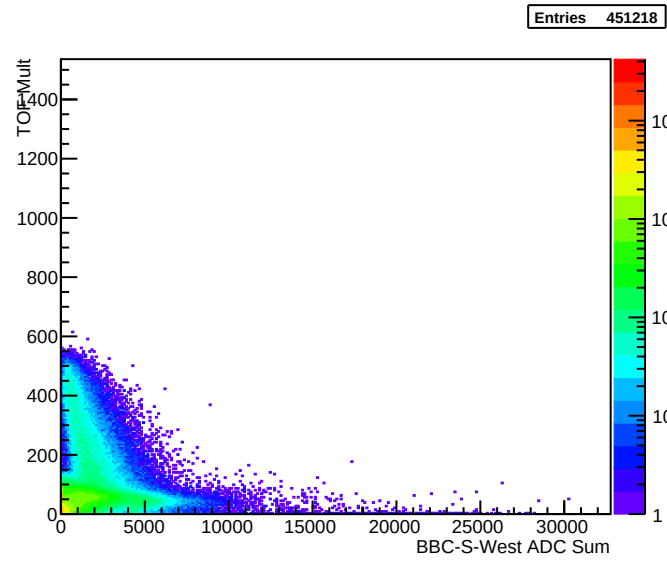

VT201 Input Ch4: VPD Tac Diff
Entries 451218
Tac

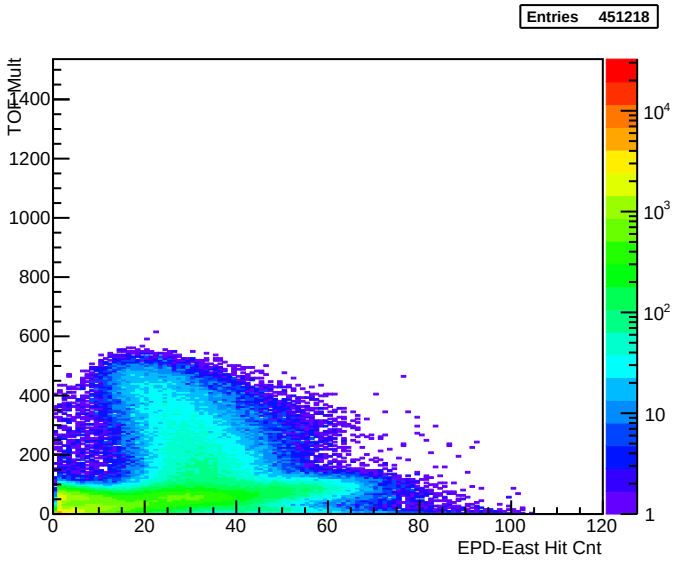

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

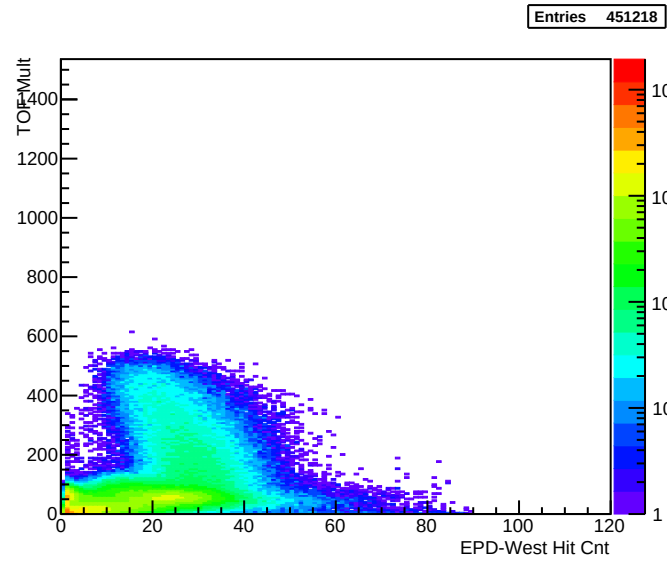

VT201 Input Ch4: VPD Adc Sum Th
Entries 902436
287242
322512
163976
128706
East
West

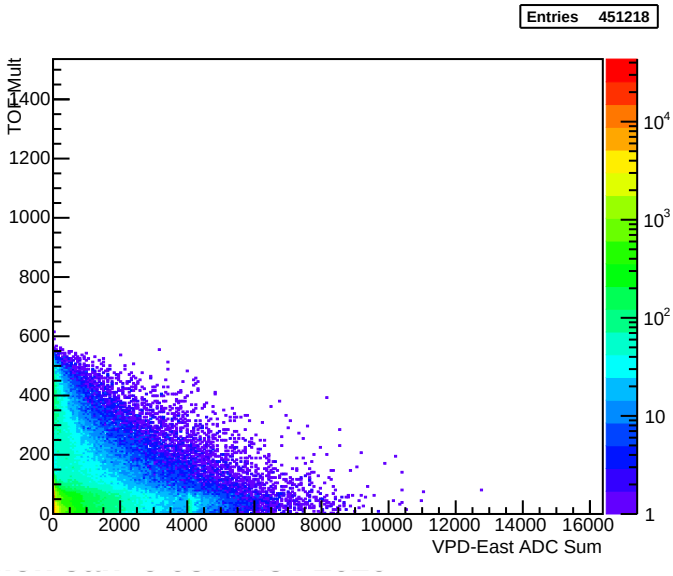

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

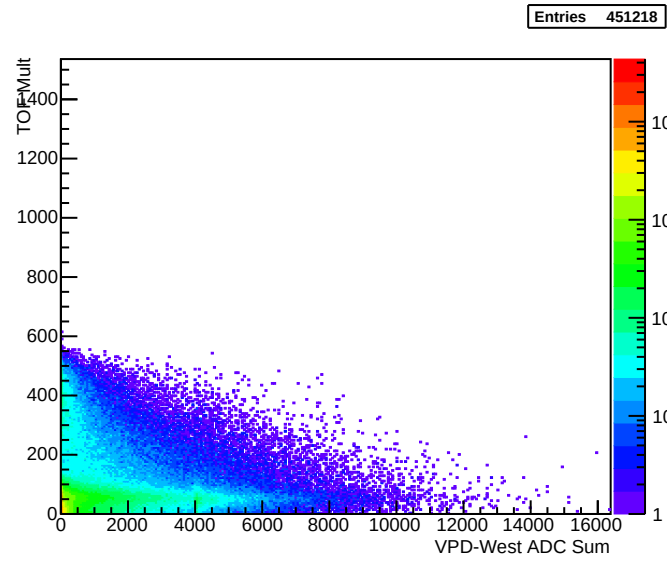

Entries 451218
TOF-Mult
BBC-S-East ADC Sum

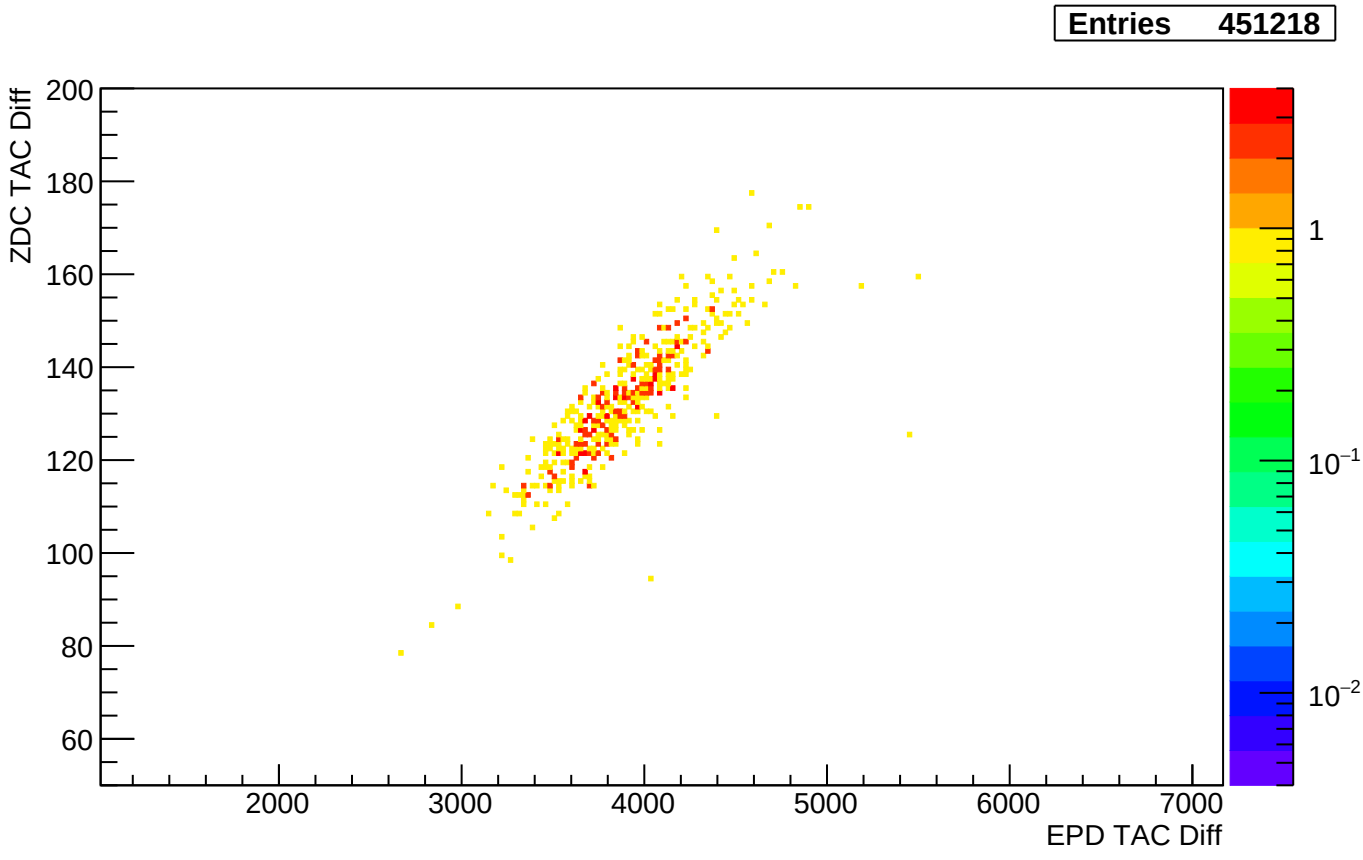

Entries 451218
TOF-Mult
BBC-S-West ADC Sum

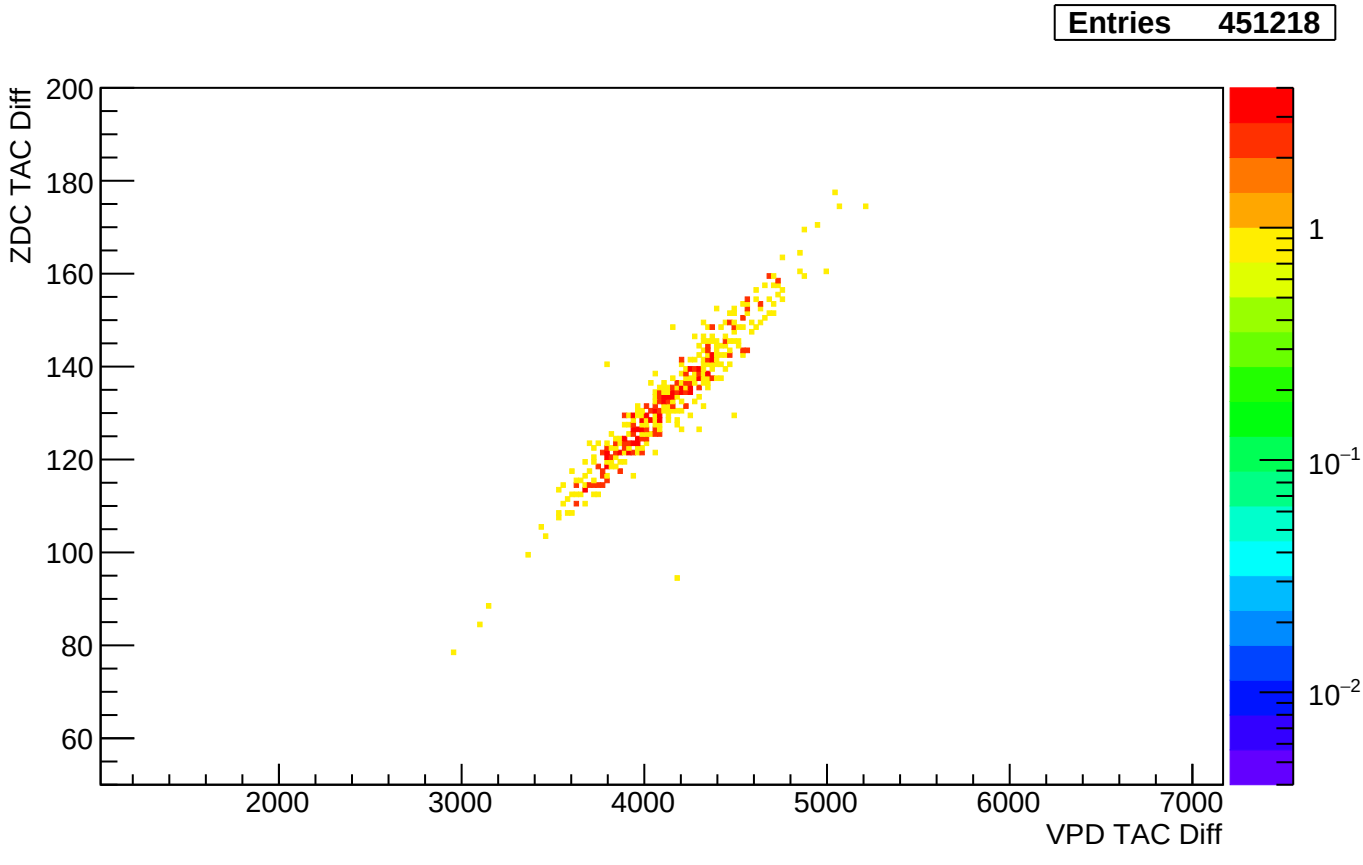

Entries 451218
TOF-Mult
EPD-East Hit Cnt

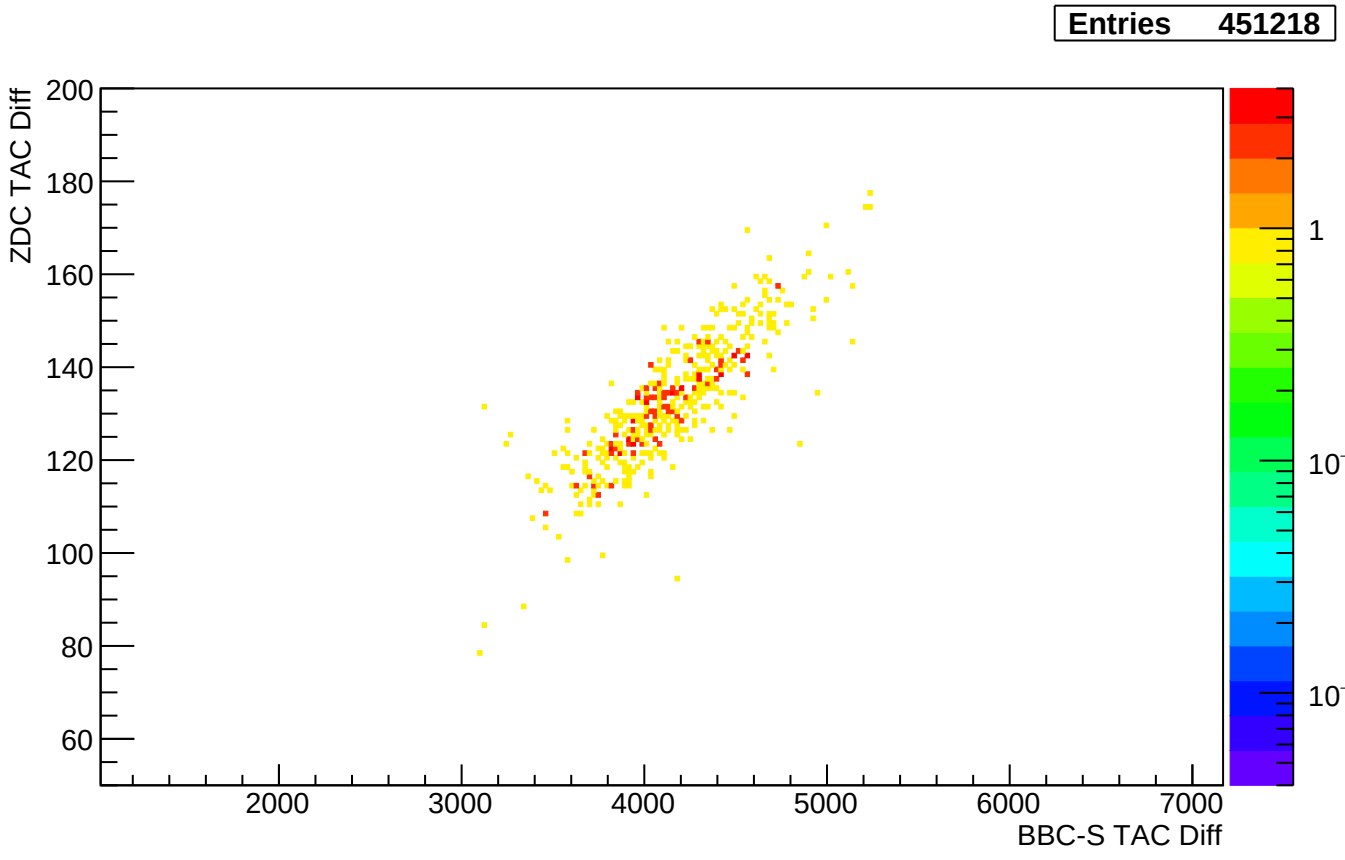

Entries 451218
TOF-Mult
EPD-West Hit Cnt

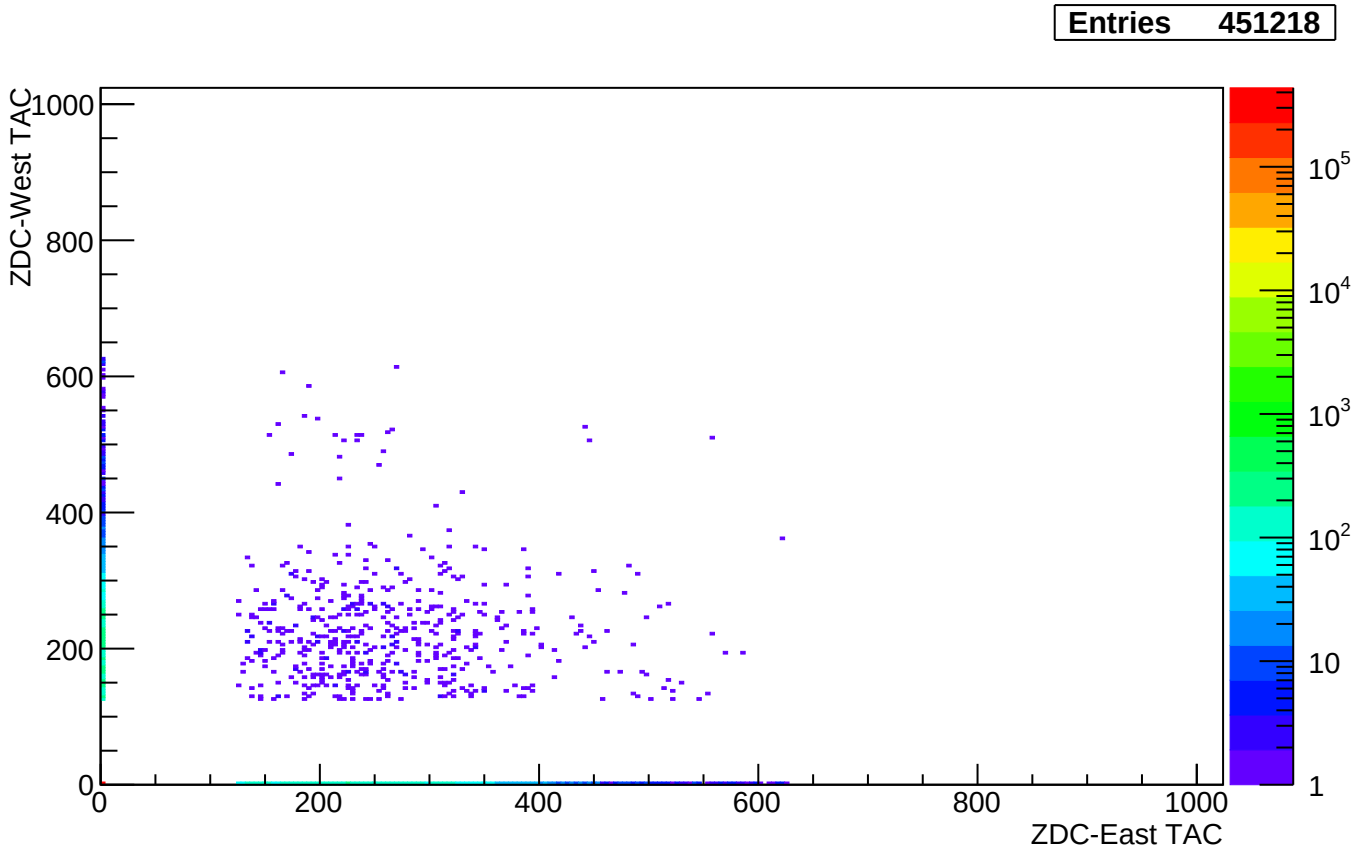

Entries 451218
TOF-Mult
VPD-East ADC Sum

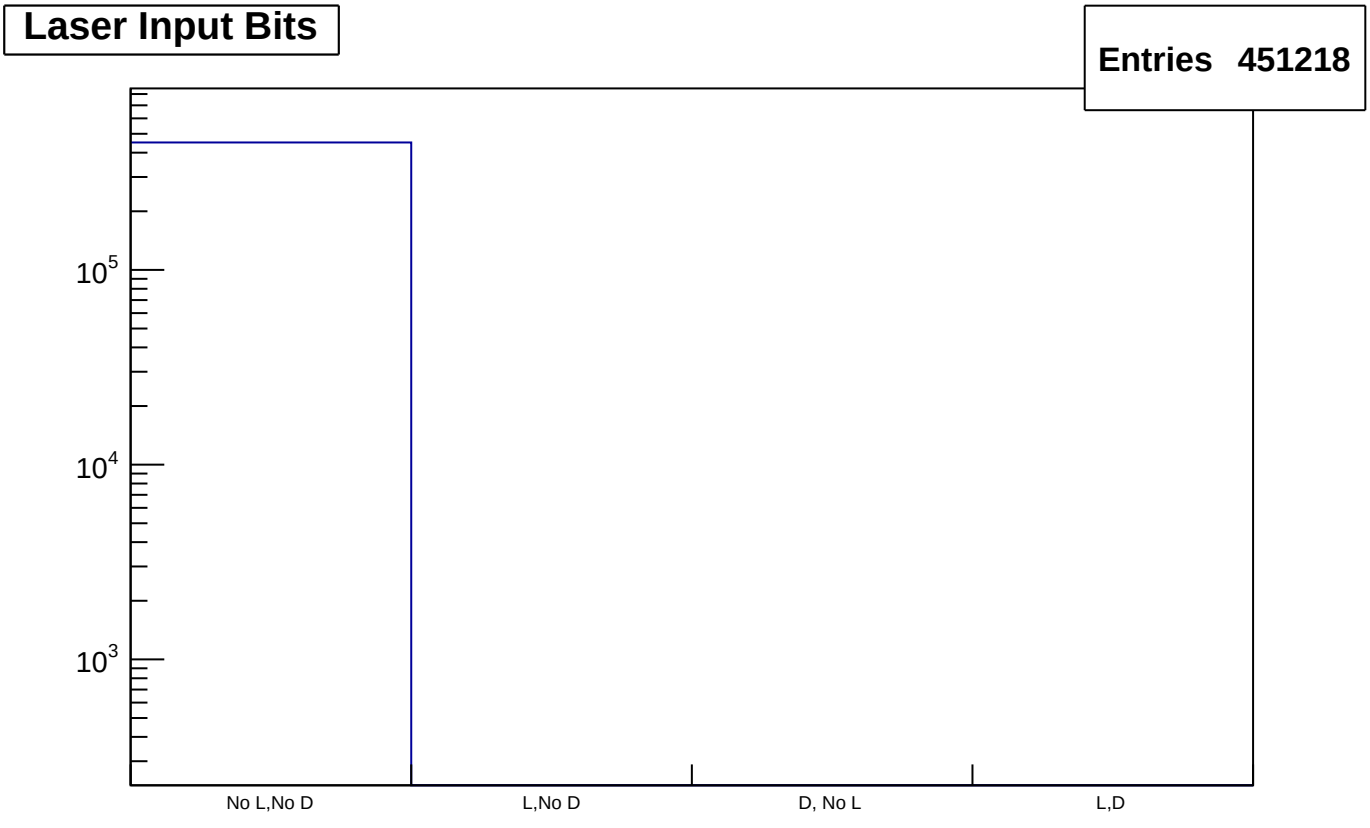

Entries 451218
TOF-Mult
VPD-West ADC Sum

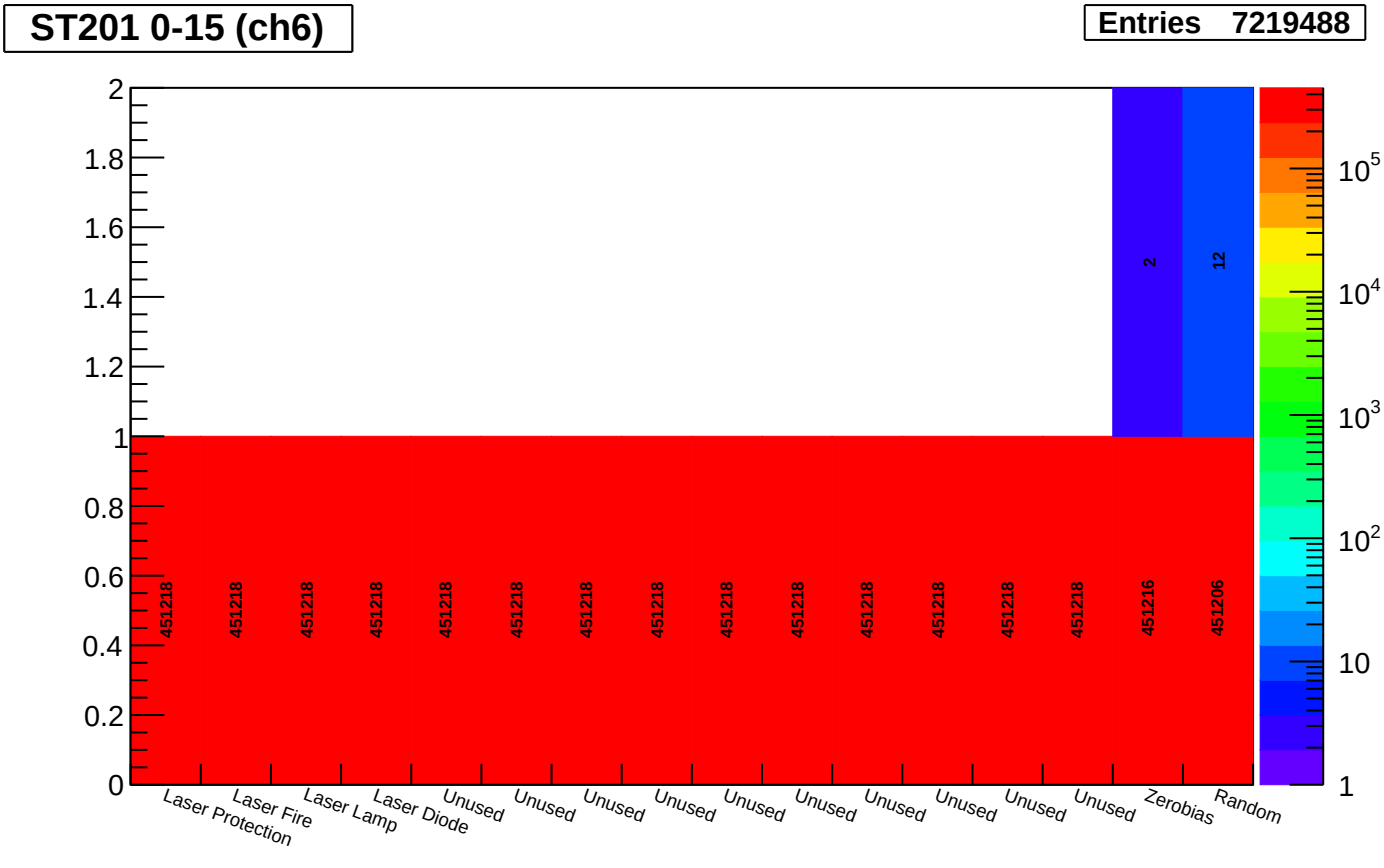

Entries 451218
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

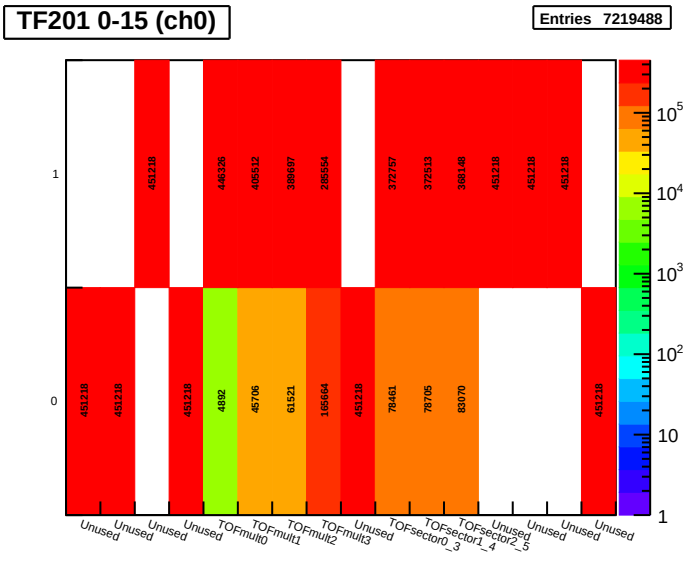

Entries 451218
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

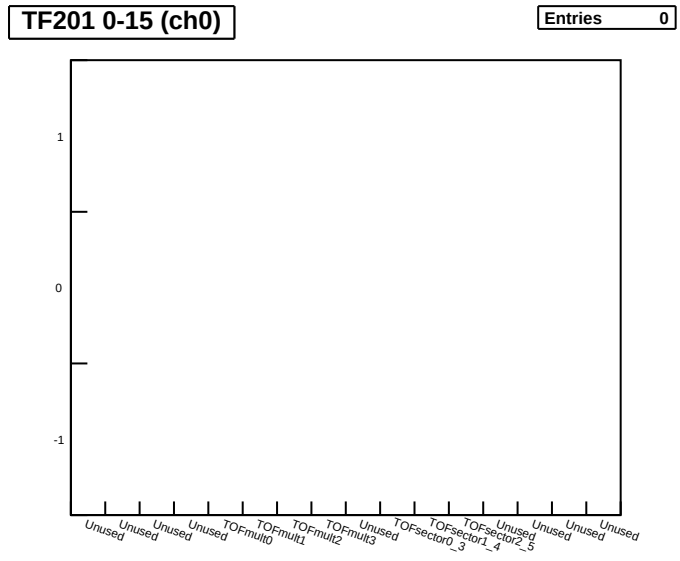

Entries 451218
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

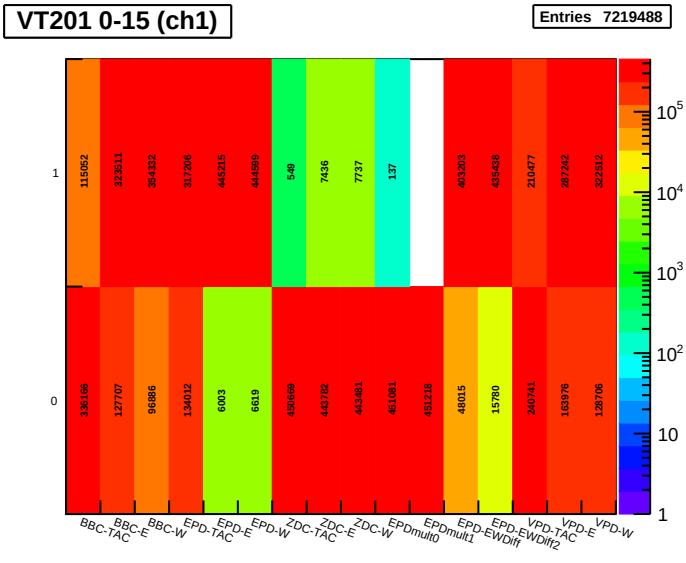

Entries 451218
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

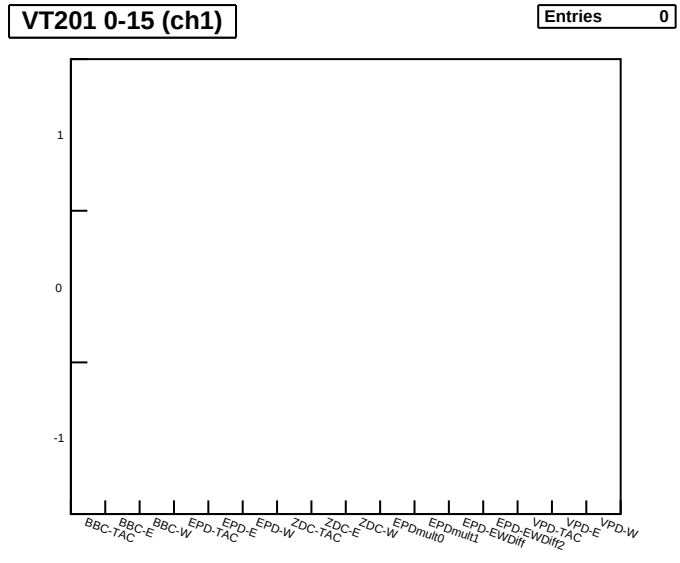

Laser Input Bits
Entries 451218
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

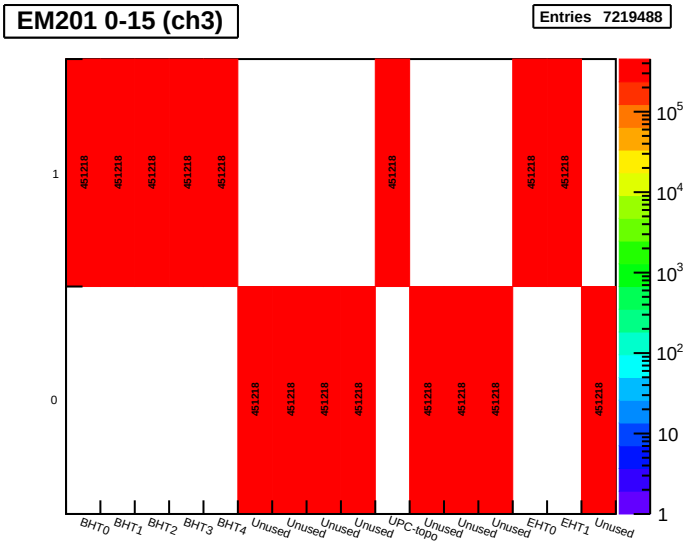

ST201 0-15 (ch6)
Entries 7219488
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
451218
451218
451218
451218
451218
451218
451218
451218
451218
451218
451218
451218
451218
451218
451216
451206
2
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

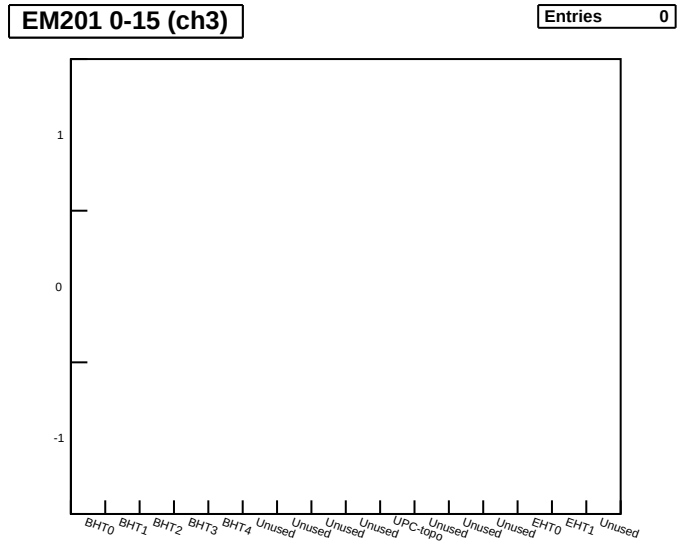

TF201 0-15 (ch0)
Entries 7219488
1
0
451218
446326
405512
389697
285554
372757
372513
368148
451218
451218
451218
451218
451218
451218
451218
4892
45706
61521
165664
451218
78461
78705
83070
451218
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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


VT201 0-15 (ch1)
Entries 7219488
1
0
115052
323511
354332
317206
445215
444599
549
7436
7737
137
403203
435438
210477
287242
322512
338166
127707
96886
134012
6003
6619
450669
443782
443481
451081
451218
48015
15780
240741
163976
128706
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 7219488
1
0
451218
451218
451218
451218
451218
451218
451218
451218
451218
451218
451218
451218
451218
451218
451218
451218
451218
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1