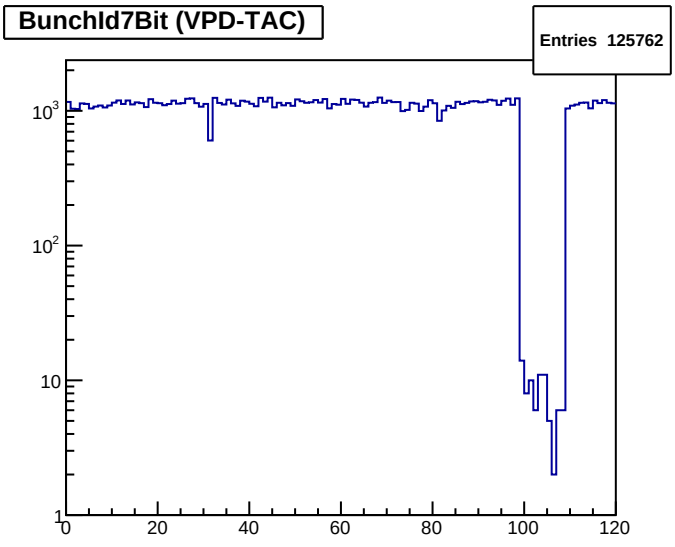
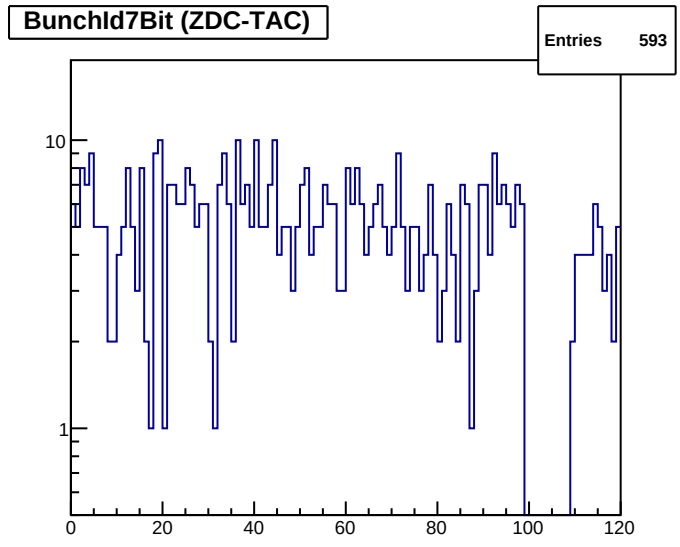
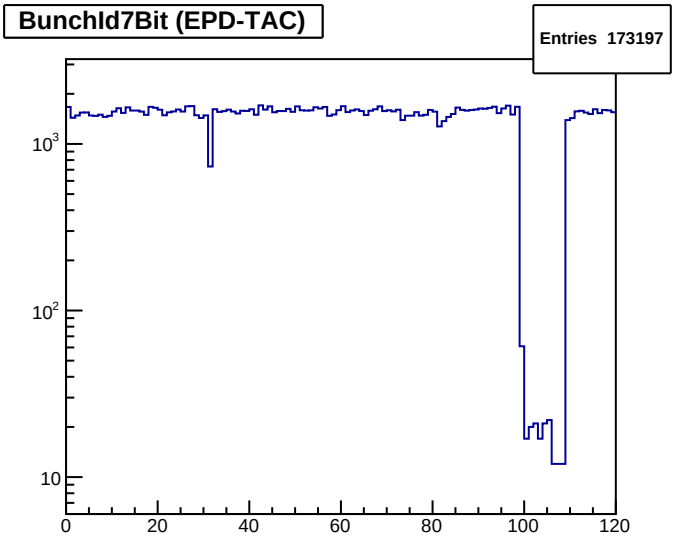
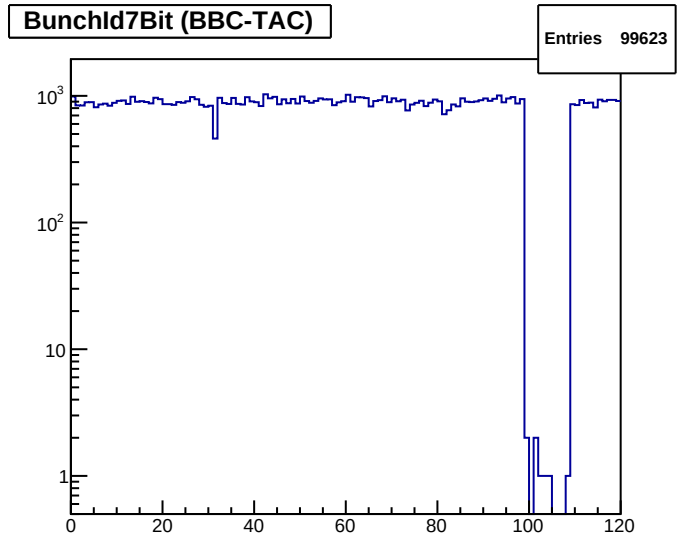
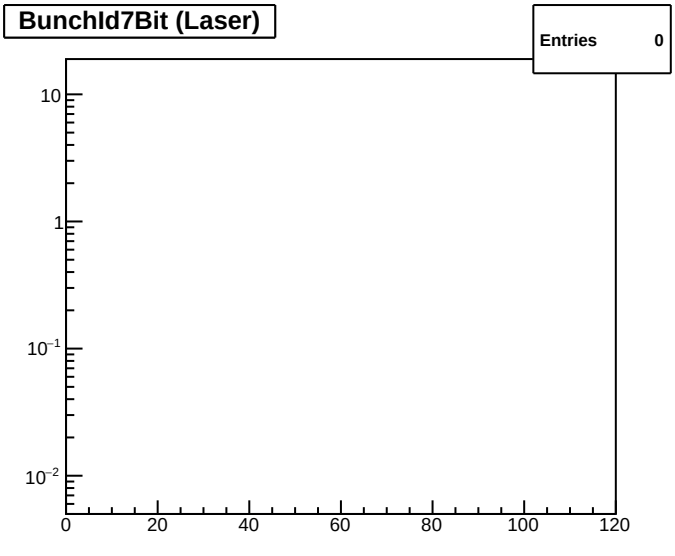
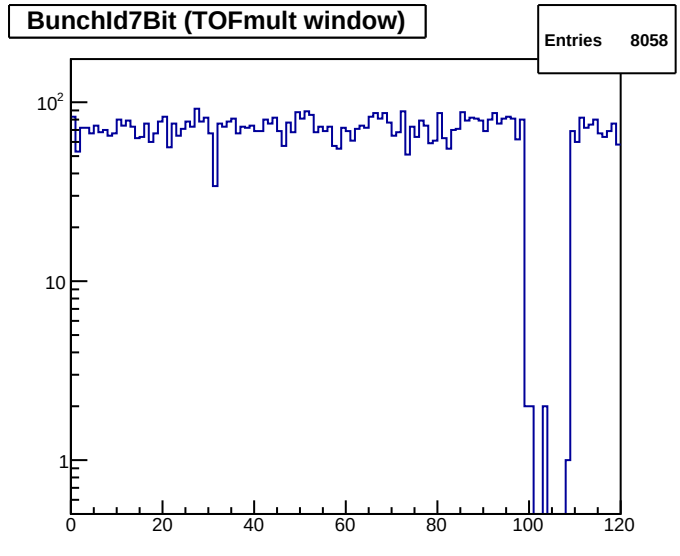

BunchId7Bit (VPD-TAC)
Entries 125762

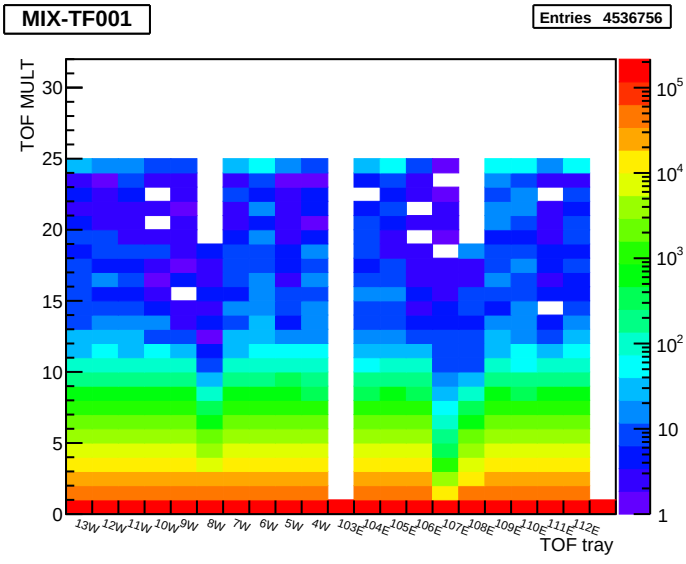

BunchId7Bit (ZDC-TAC)
Entries 593

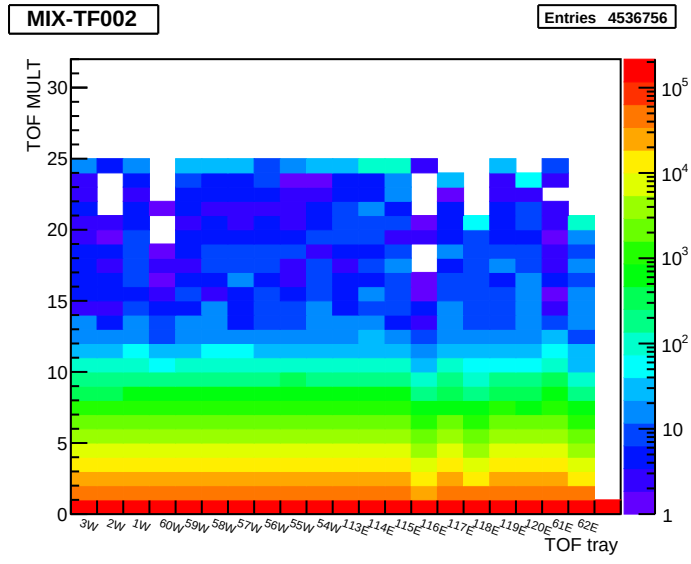

BunchId7Bit (EPD-TAC)
Entries 173197

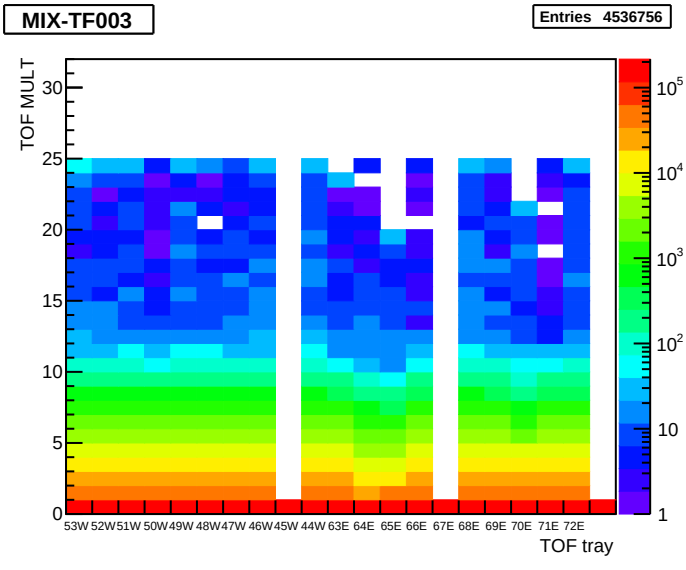

BunchId7Bit (BBC-TAC)
Entries 99623

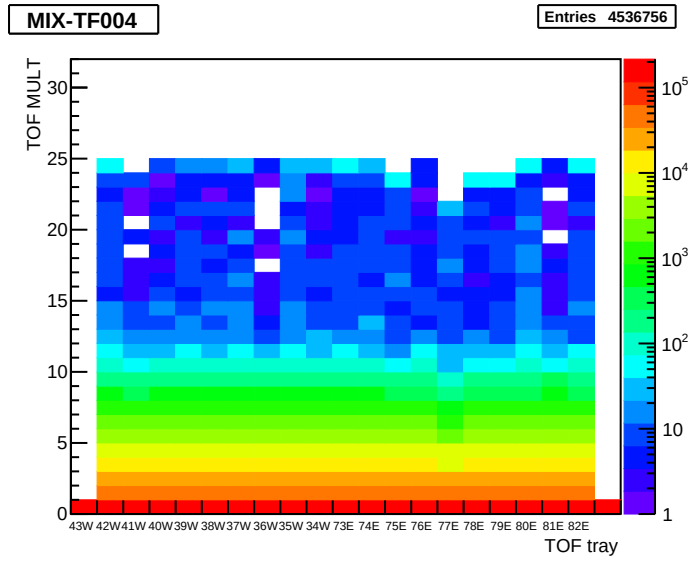

BunchId7Bit (Laser)
Entries 0

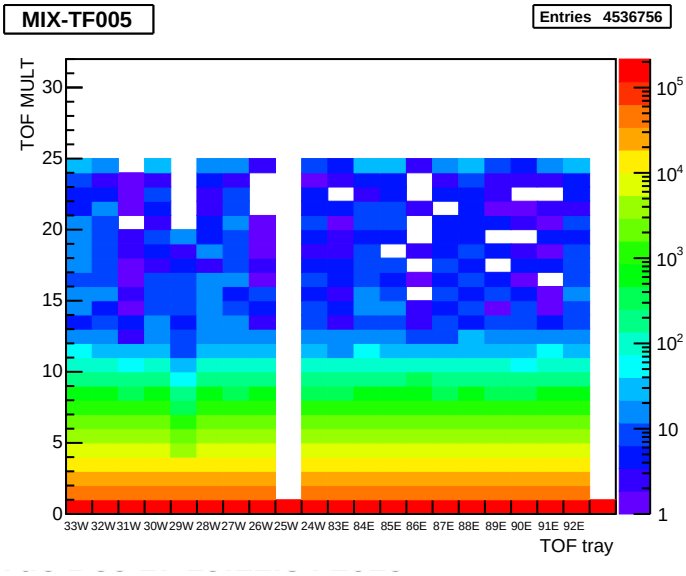

BunchId7Bit (TOFmult window)
Entries 8058

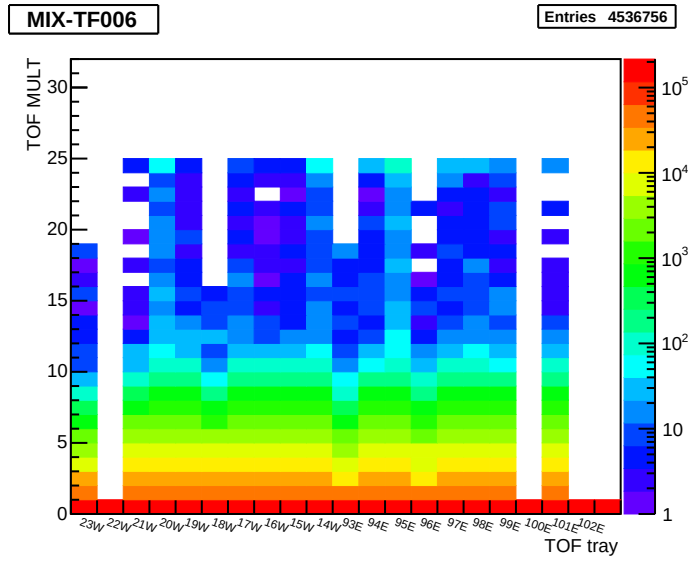

MIX-TF001
Entries 4536756
TOF MULT
TOF tray

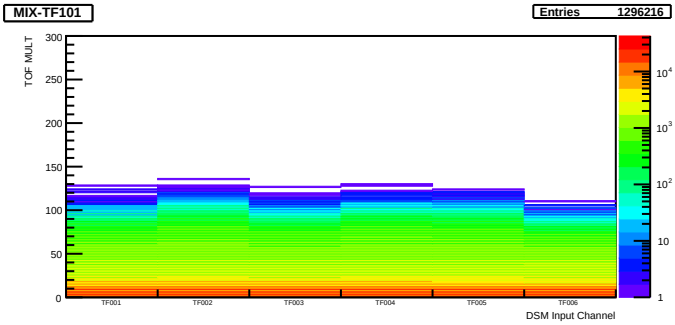

MIX-TF002
Entries 4536756
TOF MULT
TOF tray

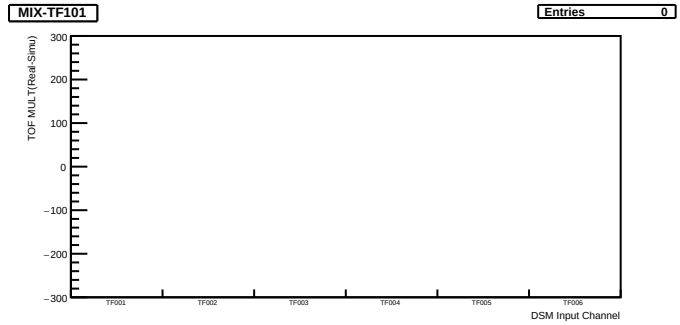

MIX-TF003
Entries 4536756
TOF MULT
TOF tray

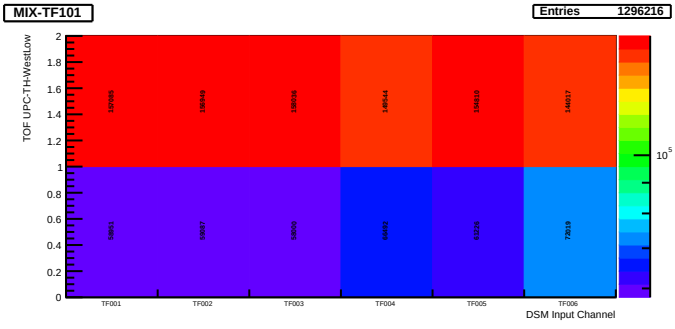

MIX-TF004
Entries 4536756
TOF MULT
TOF tray

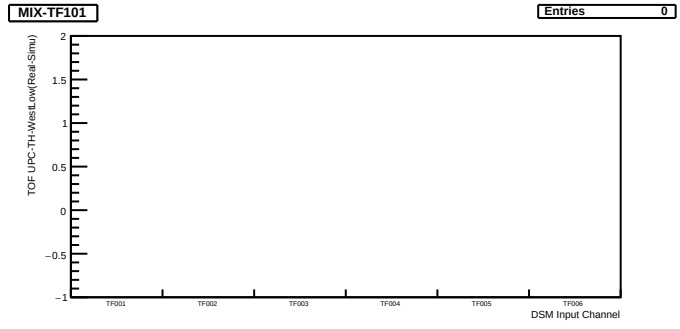

MIX-TF005
Entries 4536756
TOF MULT
TOF tray

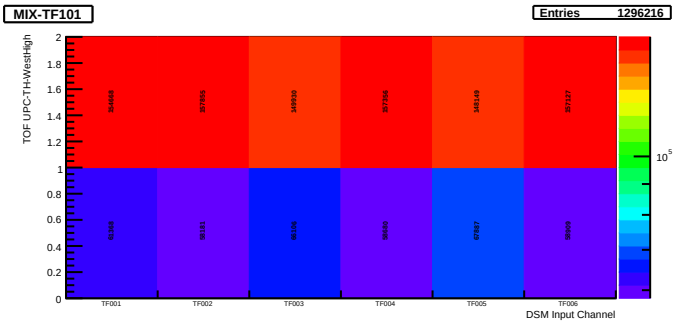

MIX-TF006
Entries 4536756
TOF MULT
TOF tray

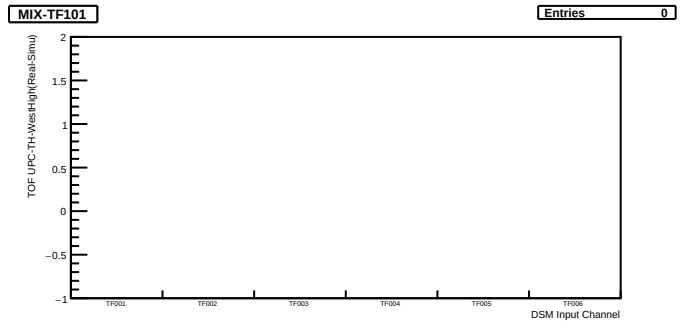

MIX-TF101
Entries 1296216
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

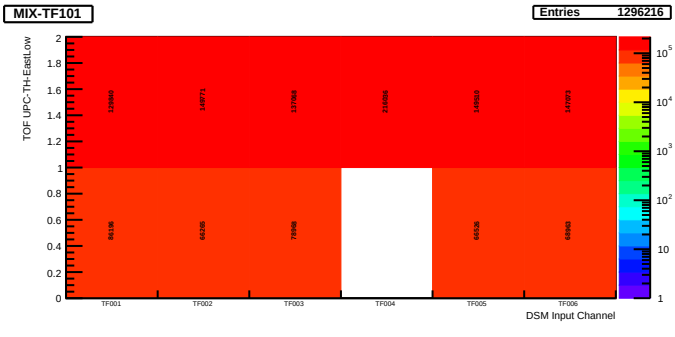

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

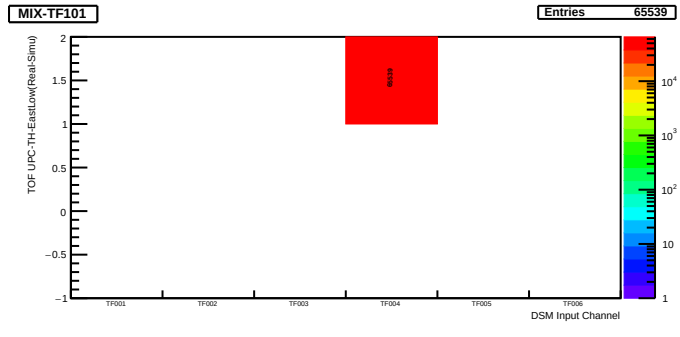

MIX-TF101
Entries 1296216
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

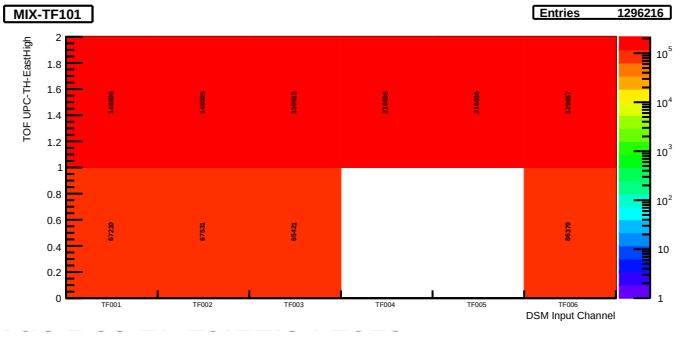

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

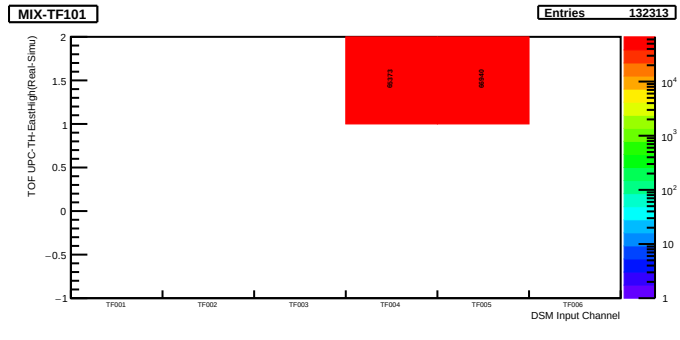

MIX-TF101
Entries 1296216
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

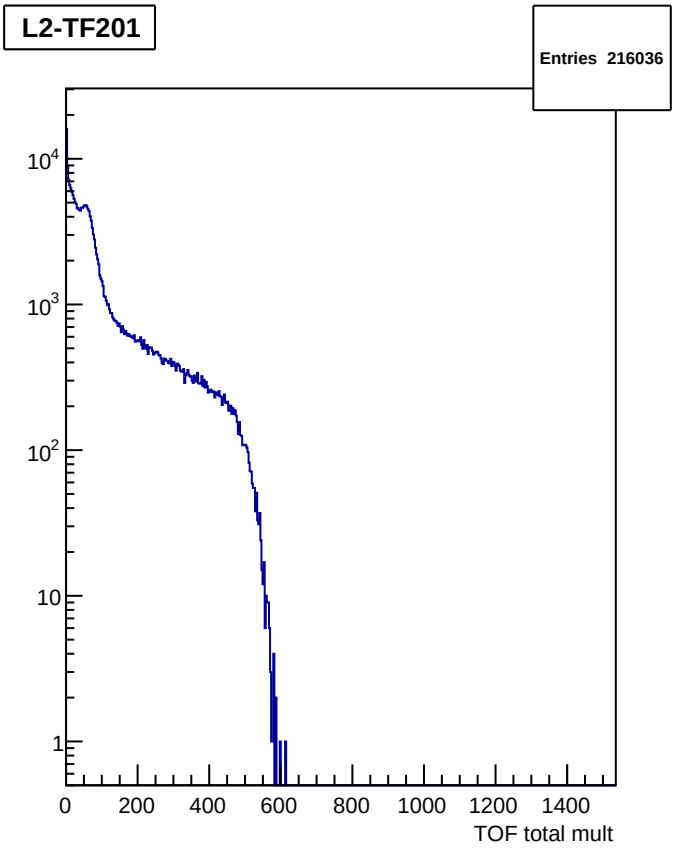

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

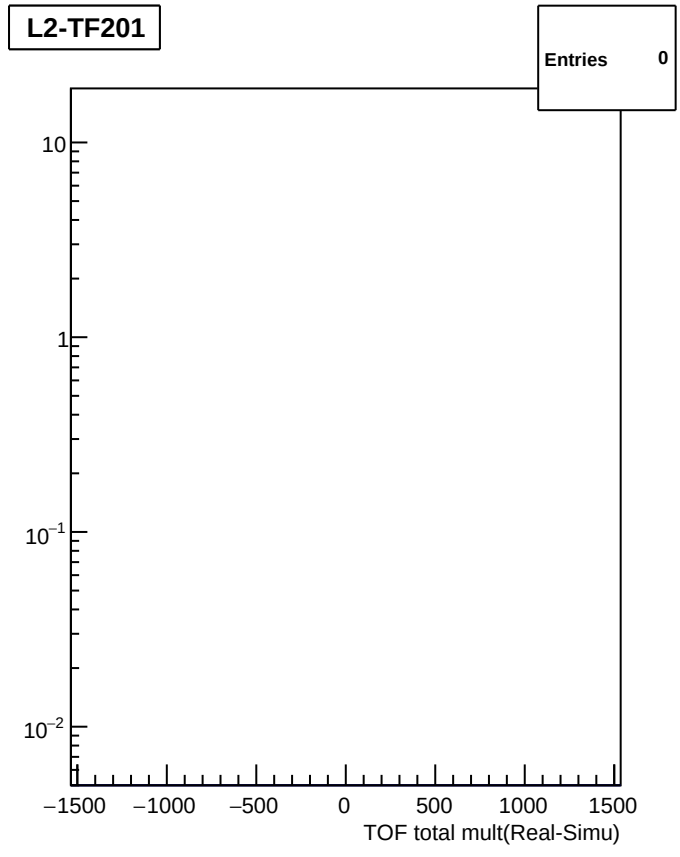

MIX-TF101
Entries 1296216
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

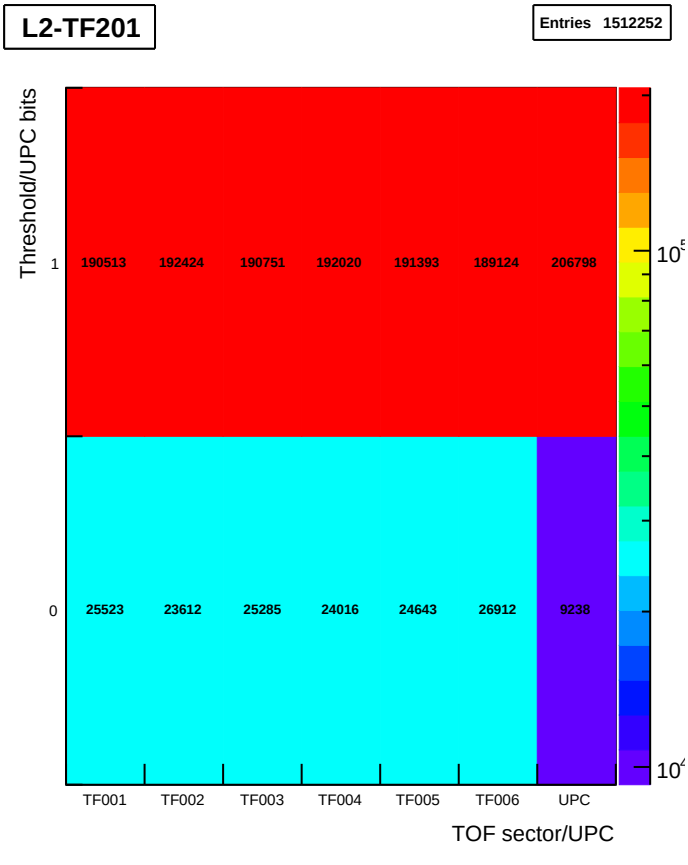

MIX-TF101
Entries 65539
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

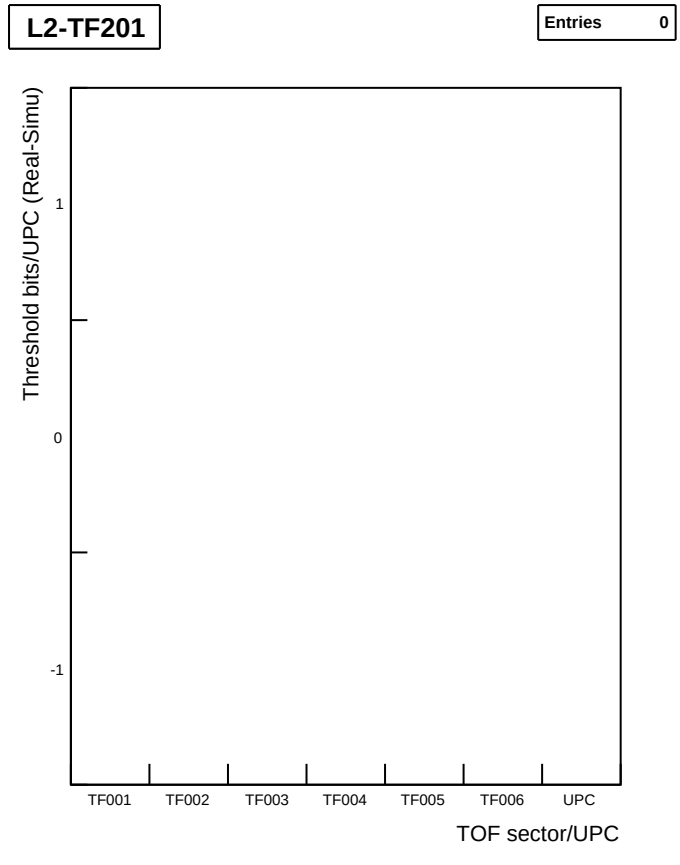

MIX-TF101
Entries 1296216
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

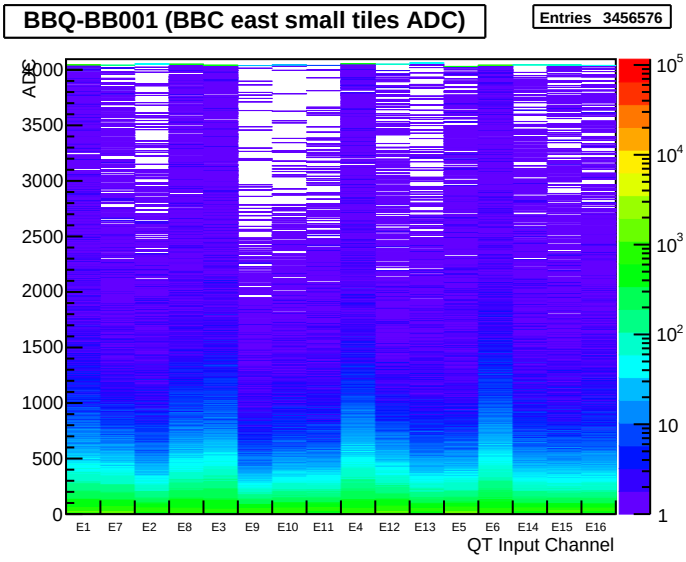

MIX-TF101
Entries 132313
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

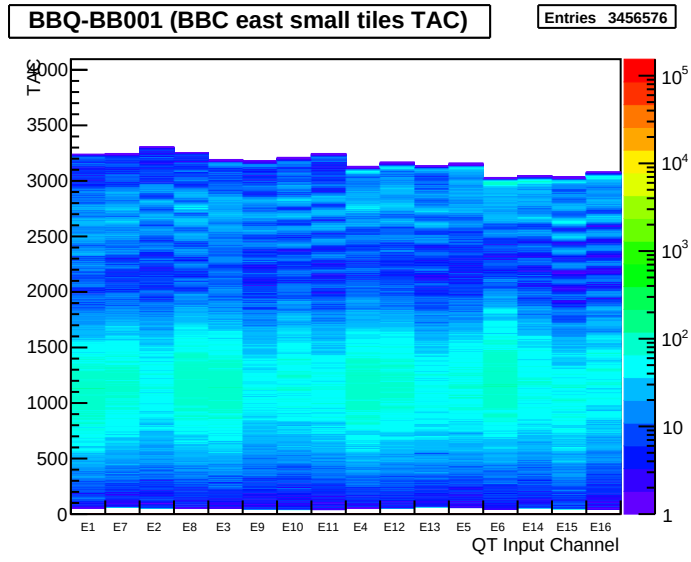

L2-TF201
Entries 216036
TOF total mult

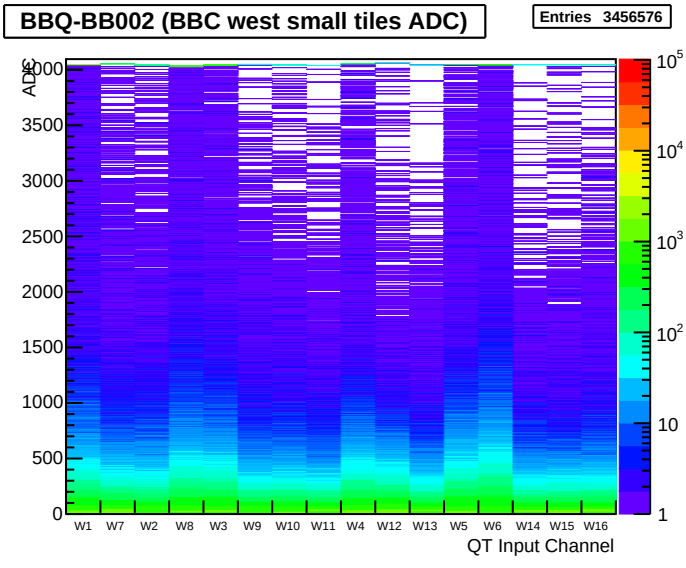

L2-TF201
Entries 0
TOF total mult(Real-Simu)

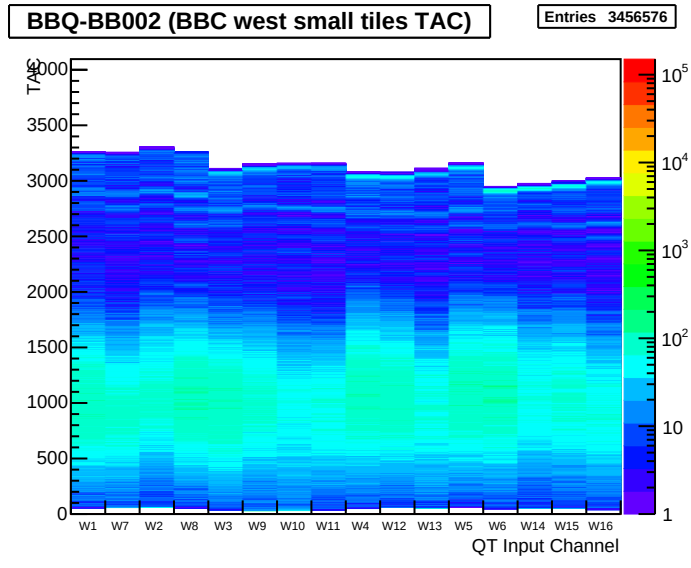

L2-TF201
Entries 1512252
Threshold/UPC bits
190513 192424 190751 192020 191393 189124 206798
25523 23612 25285 24016 24643 26912 9238
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

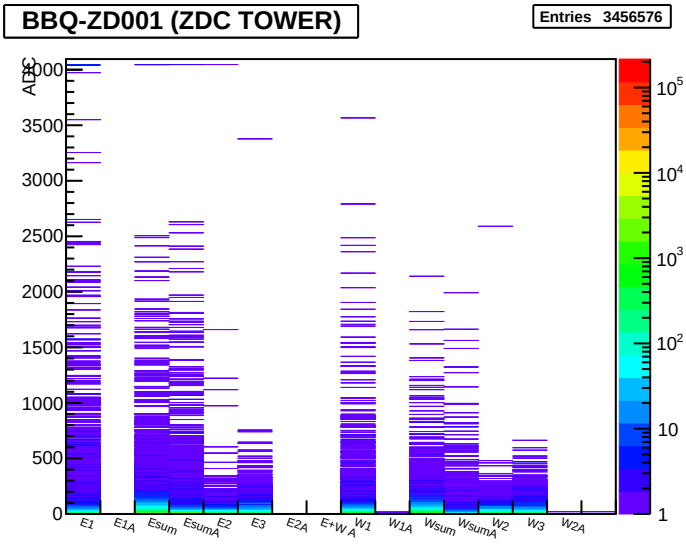

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

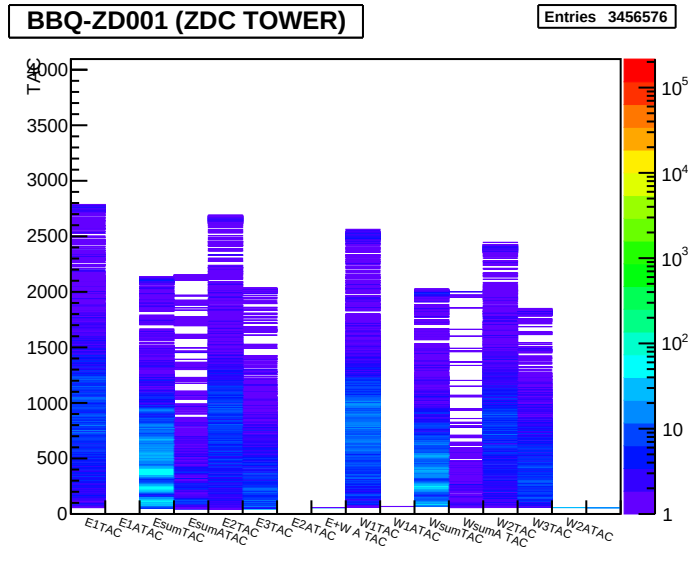

BBQ-BB001 (BBC east small tiles ADC)
Entries 3456576
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

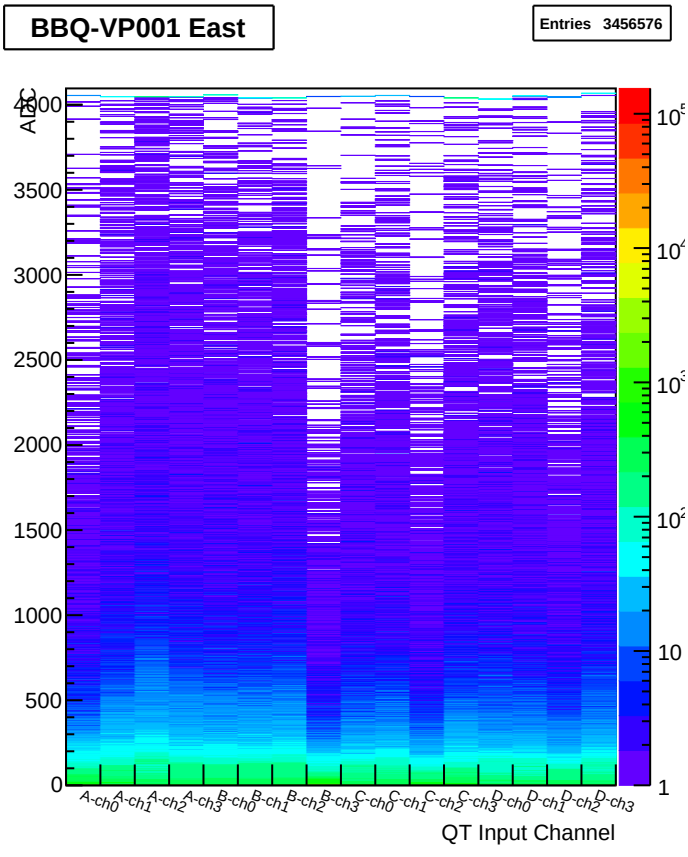

BBQ-BB001 (BBC east small tiles TAC)
Entries 3456576
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

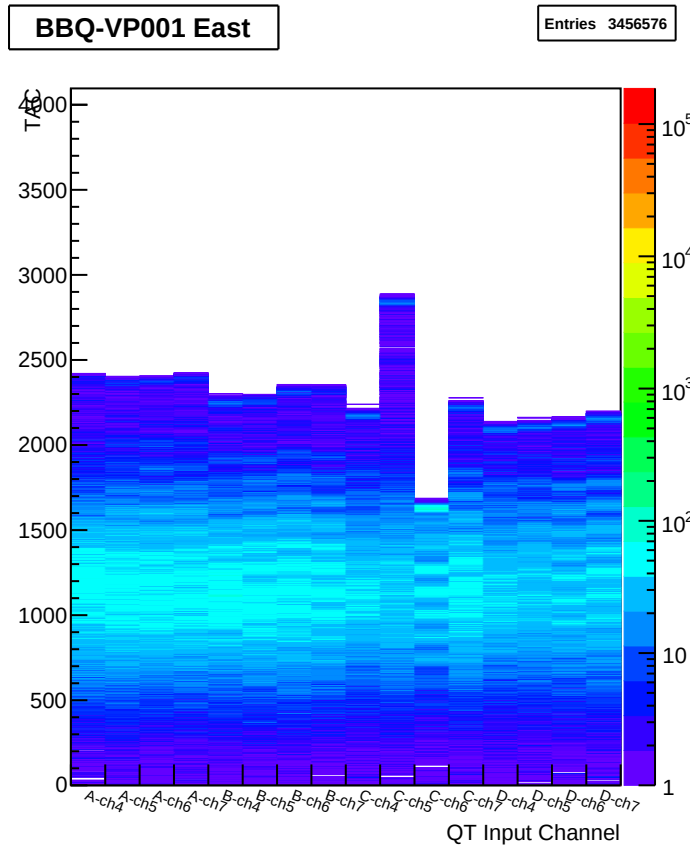

BBQ-BB002 (BBC west small tiles ADC)
Entries 3456576
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

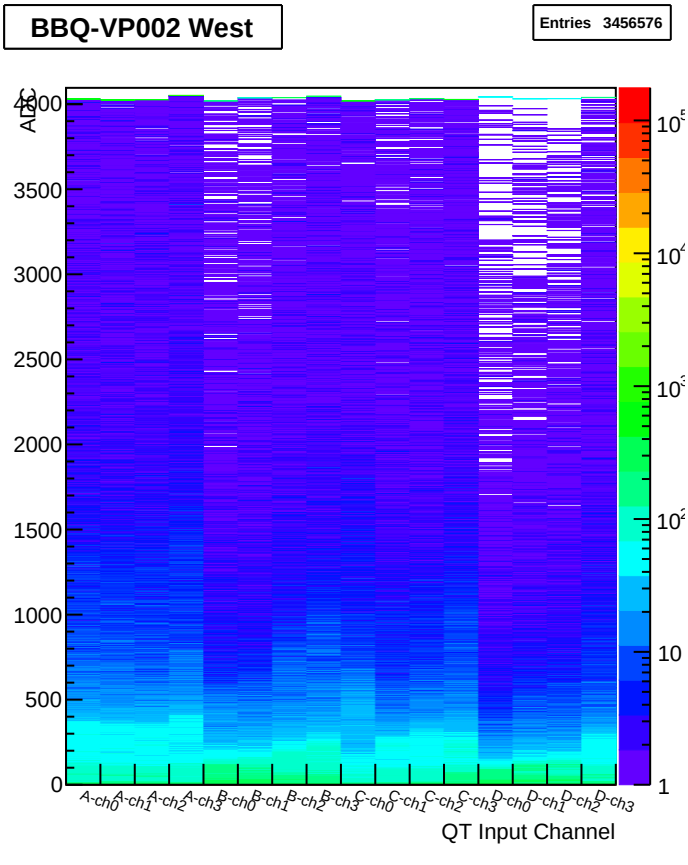

BBQ-BB002 (BBC west small tiles TAC)
Entries 3456576
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

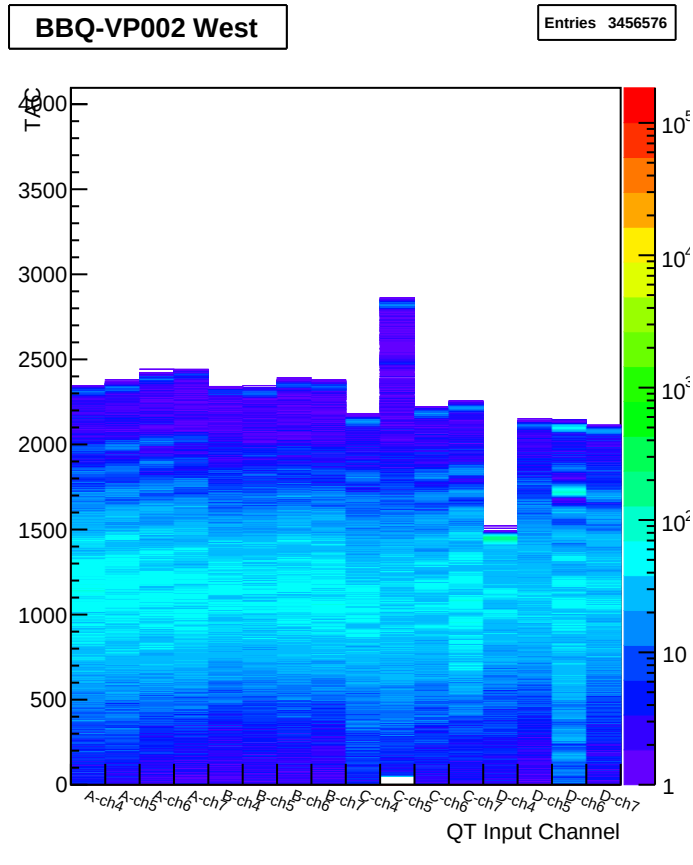

BBQ-ZD001 (ZDC TOWER)
Entries 3456576
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

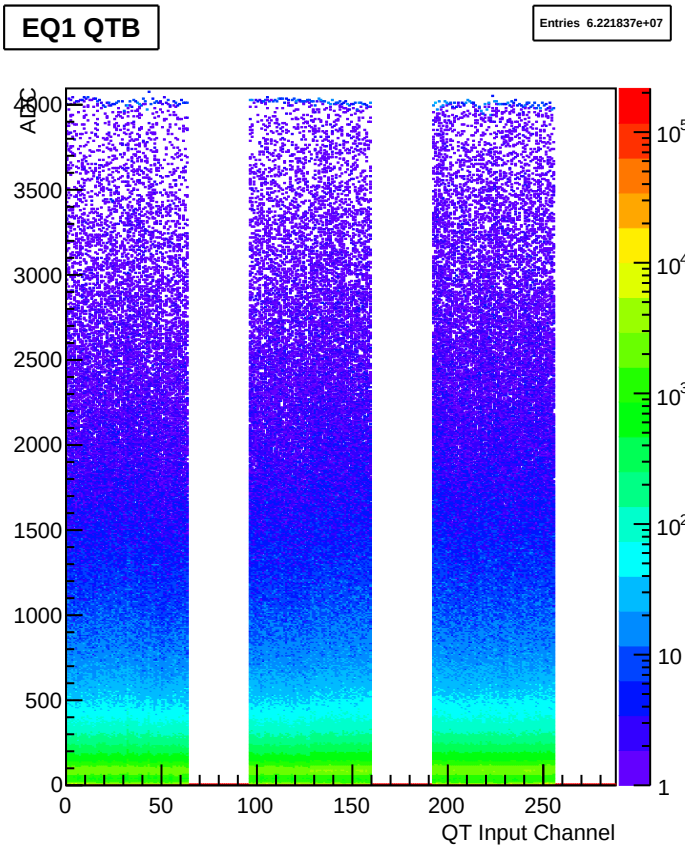

BBQ-ZD001 (ZDC TOWER)
Entries 3456576
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

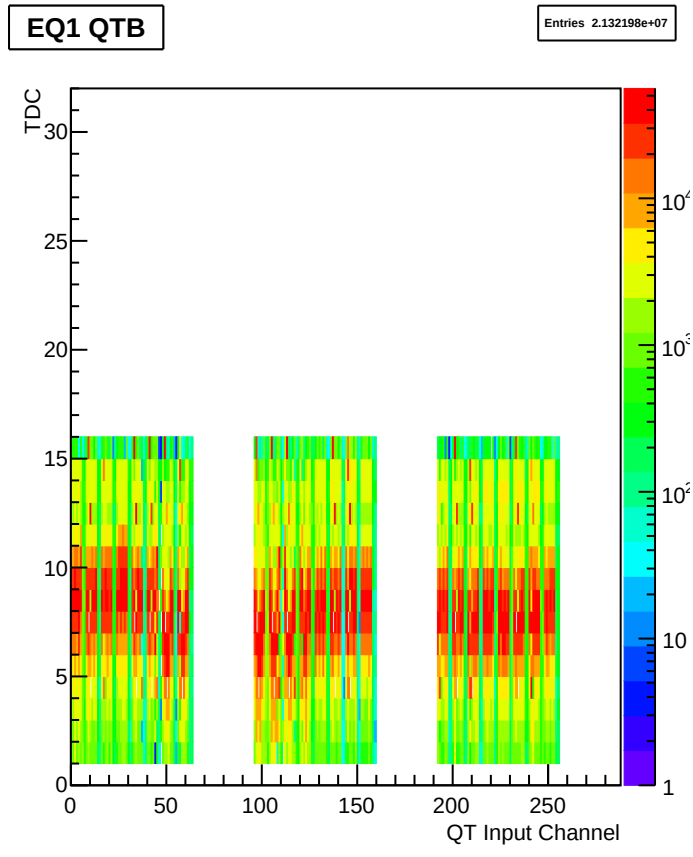

BBQ-VP001 East
Entries 3456576
ADC
QT Input Channel

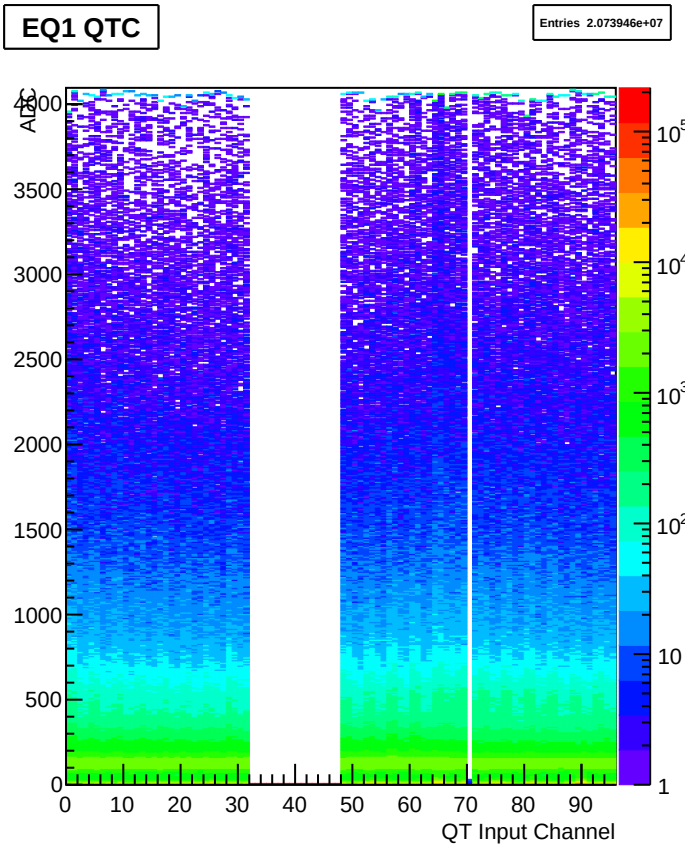

BBQ-VP001 East
Entries 3456576
ADC
QT Input Channel

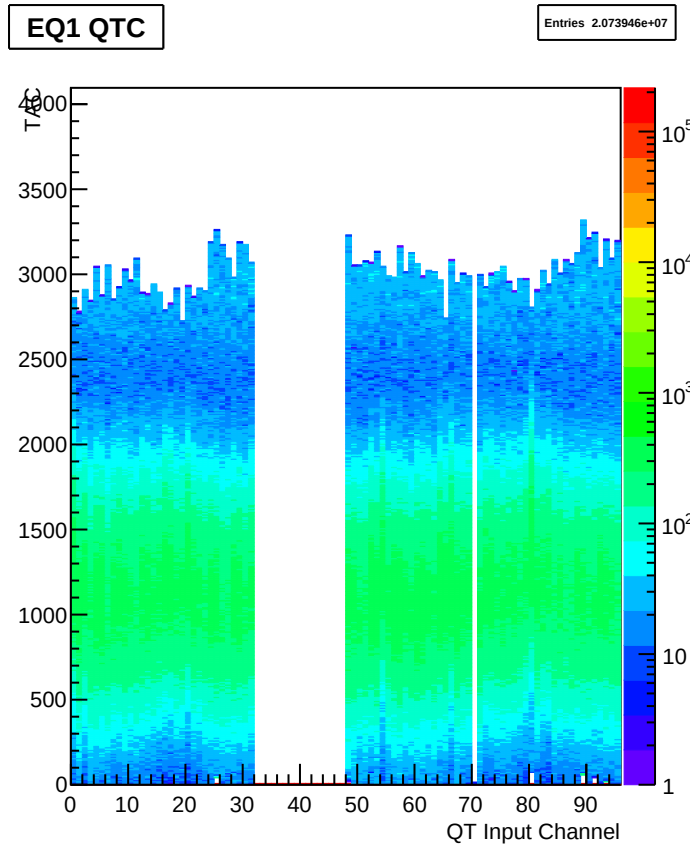

BBQ-VP002 West
Entries 3456576
ADC
QT Input Channel

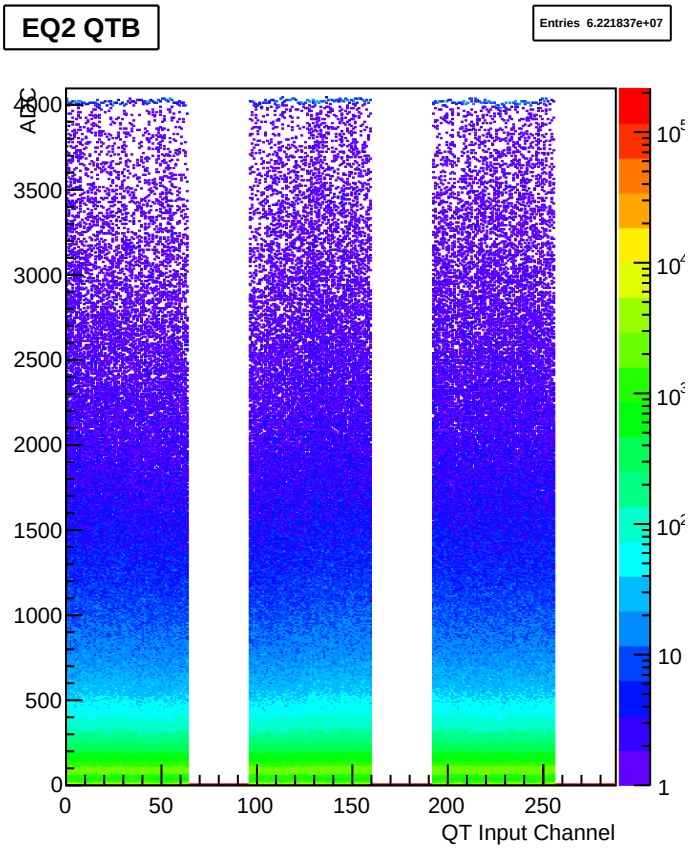

BBQ-VP002 West
Entries 3456576
ADC
QT Input Channel

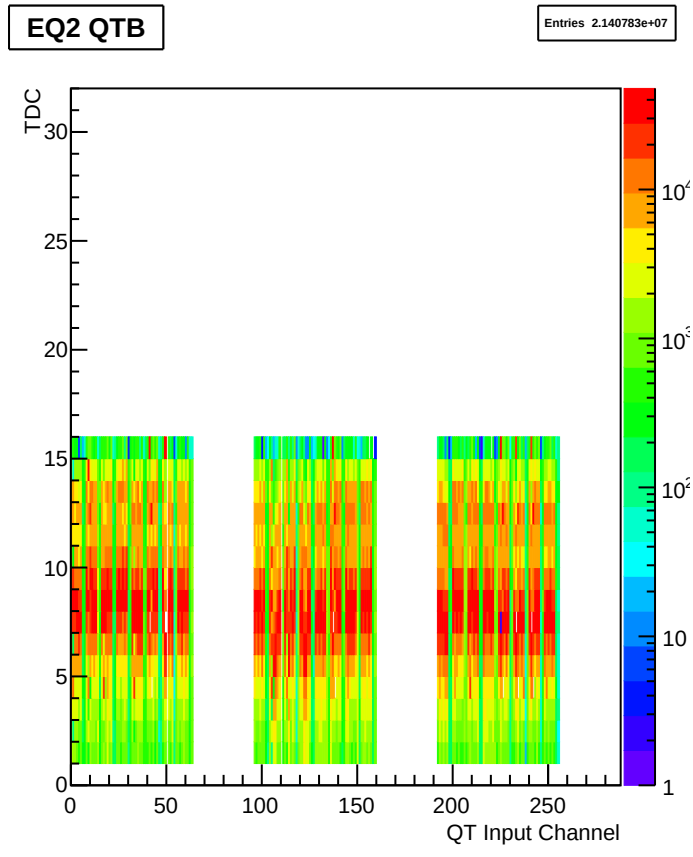

EQ1 QTB
Entries 6.221837e+07
ADC
QT Input Channel

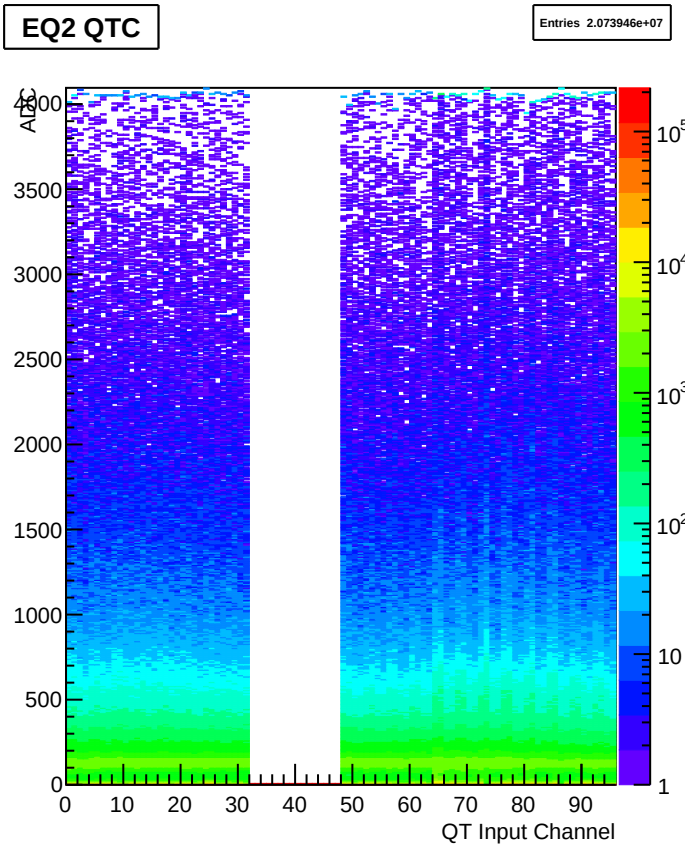

EQ1 QTB
Entries 2.132198e+07
TDC
QT Input Channel

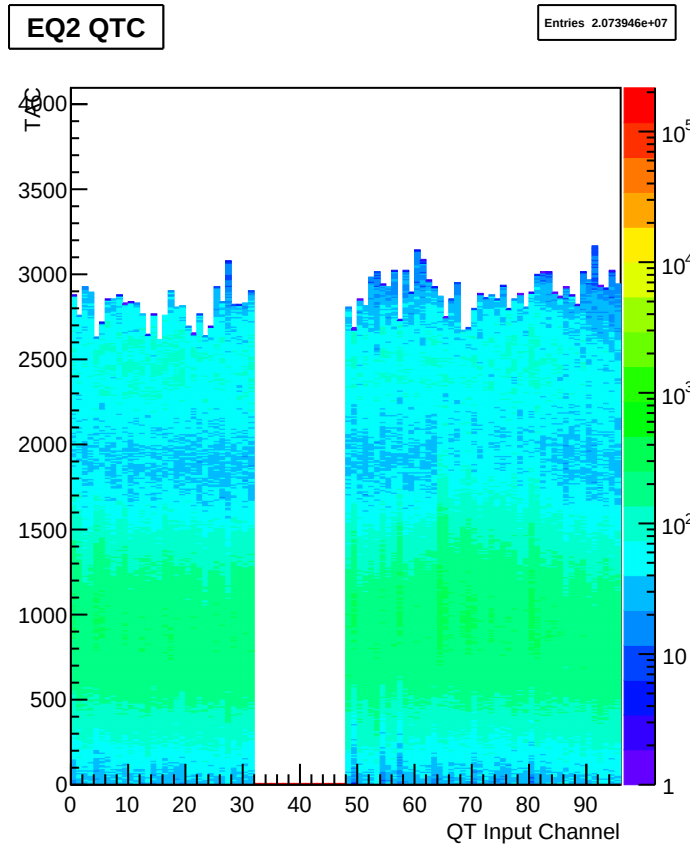

EQ1 QTC
Entries 2.073946e+07
ADC
QT Input Channel

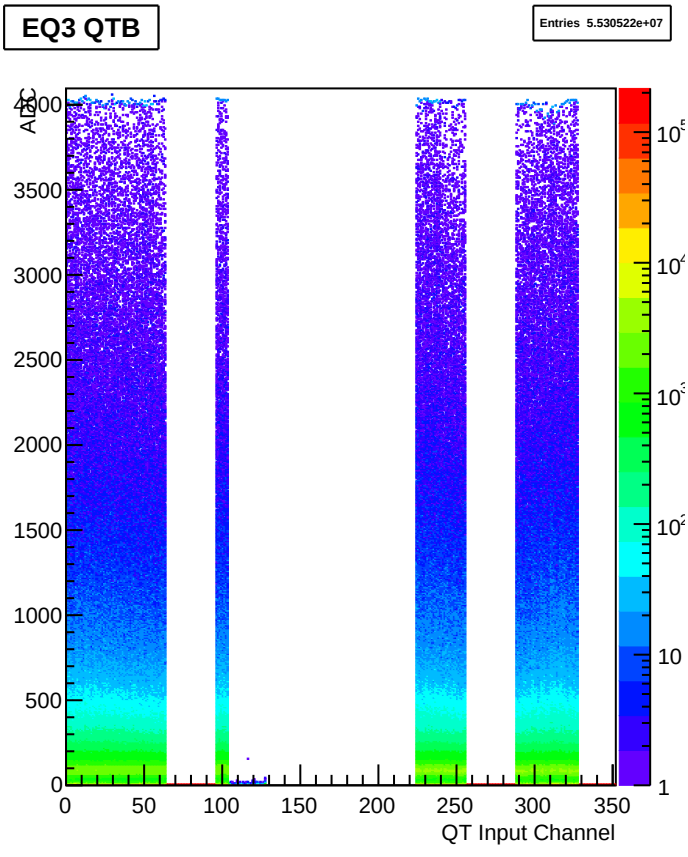

EQ1 QTC
Entries 2.073946e+07
TADC
QT Input Channel

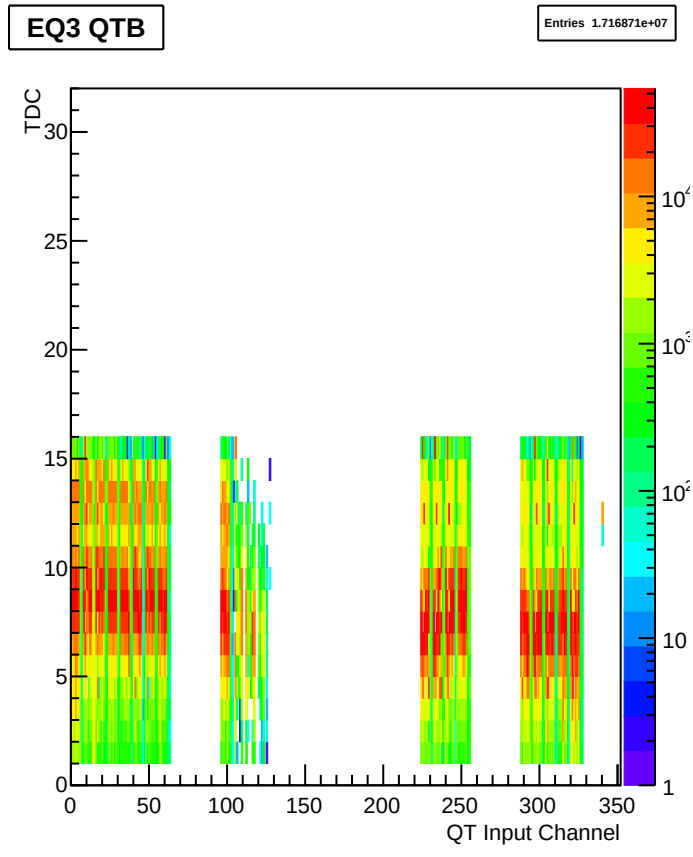

EQ2 QTB
Entries 6.221837e+07
ADC
QT Input Channel

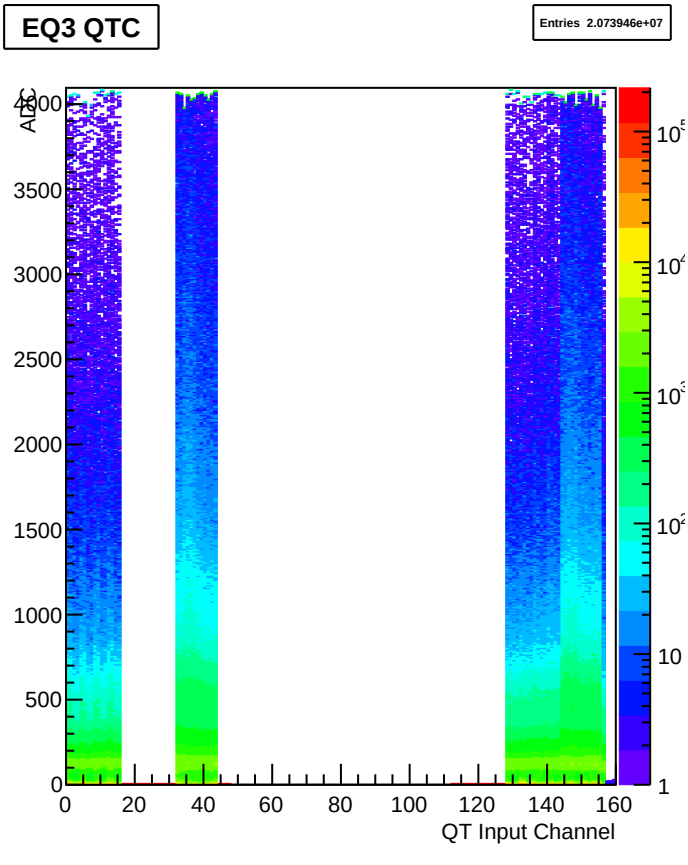

EQ2 QTB
Entries 2.140783e+07
TDC
QT Input Channel

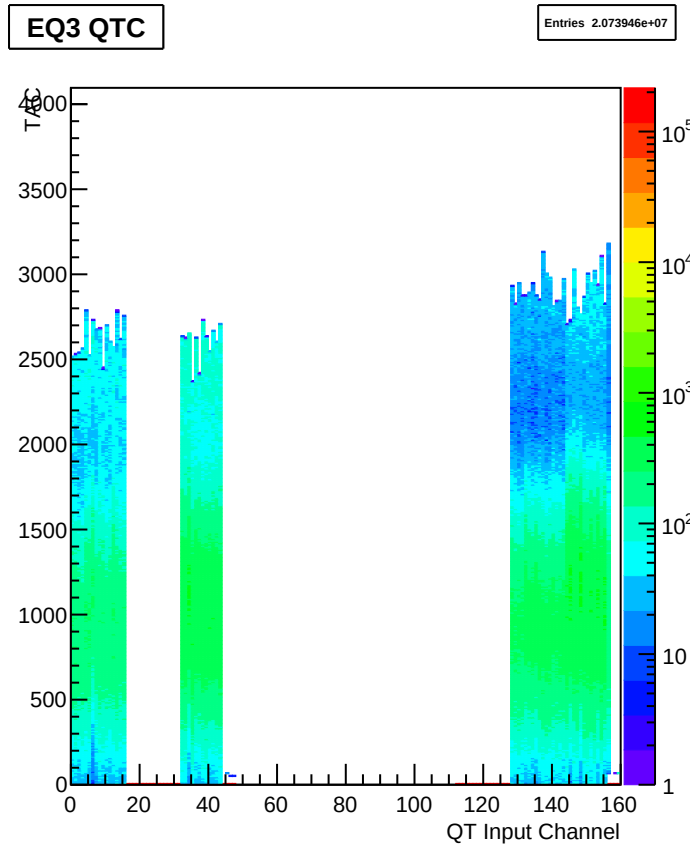

EQ2 QTC
Entries 2.073946e+07
ADC
QT Input Channel

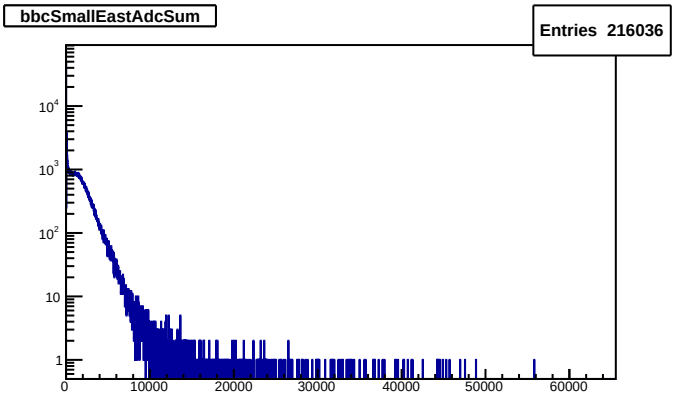

EQ2 QTC
Entries 2.073946e+07
TADC
QT Input Channel

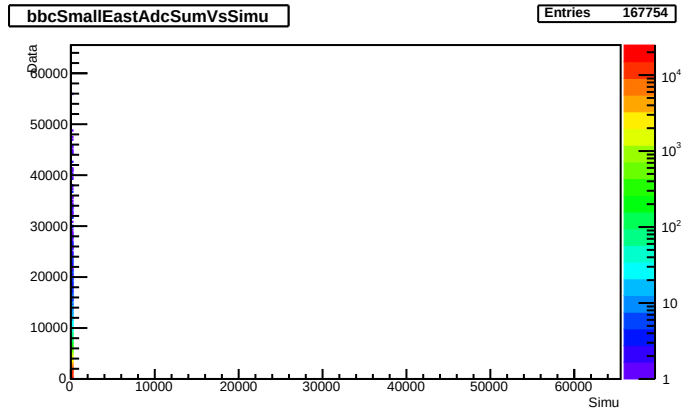

EQ3 QTB
Entries 5.530522e+07
ADC
QT Input Channel

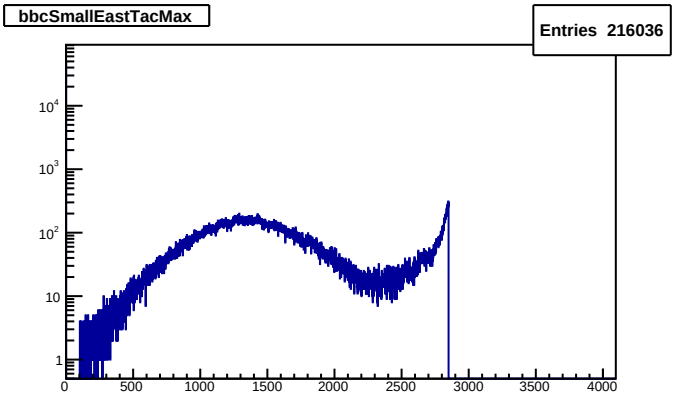

EQ3 QTB
Entries 1.716871e+07
TDC
QT Input Channel

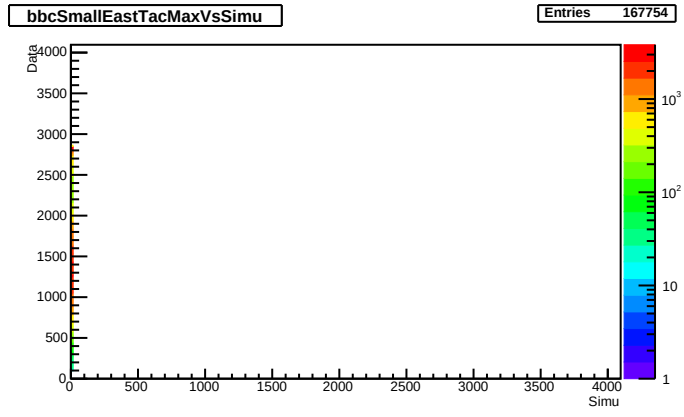

EQ3 QTC
Entries 2.073946e+07
ADC
QT Input Channel

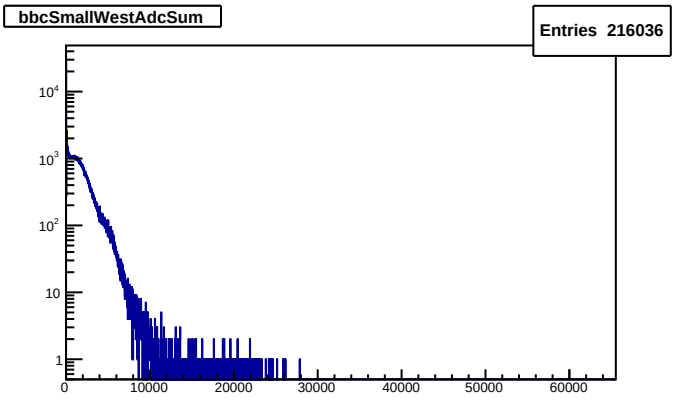

EQ3 QTC
Entries 2.073946e+07
TADC
QT Input Channel

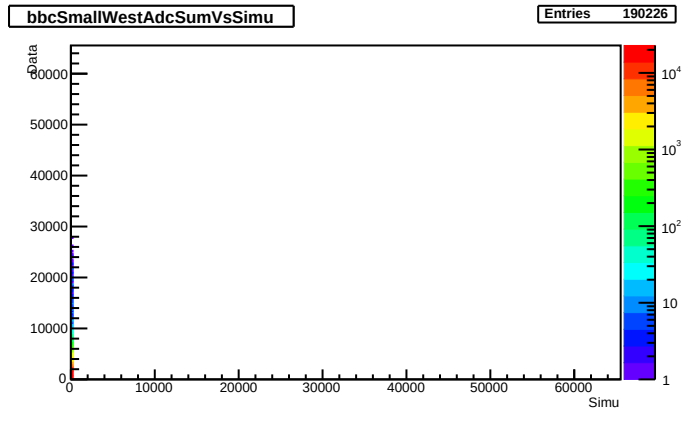

bbcSmallEastAdcSum
Entries 216036

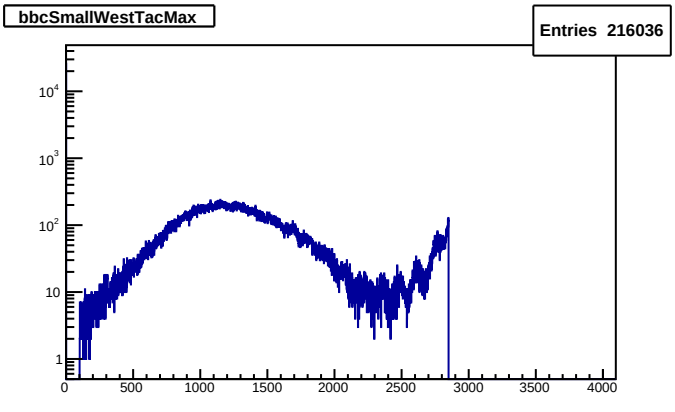

bbcSmallEastAdcSumVsSimu
Entries 167754
Data
Simu


bbcSmallEastTacMax
Entries 216036


bbcSmallEastTacMaxVsSimu
Entries 167754
Data
Simu


bbcSmallWestAdcSum
Entries 216036


bbcSmallWestAdcSumVsSimu
Entries 190226
Data
Simu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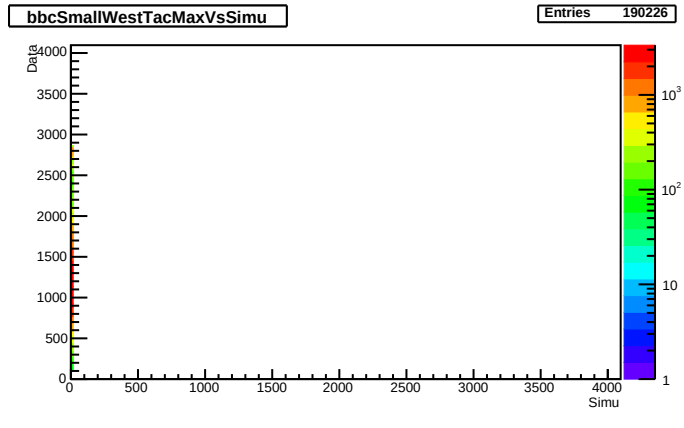
Entries 216036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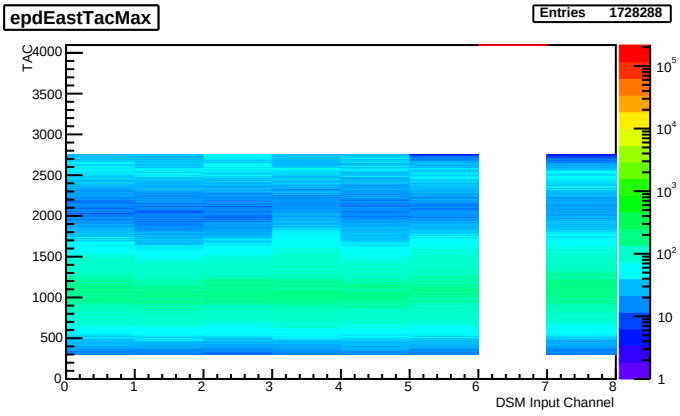
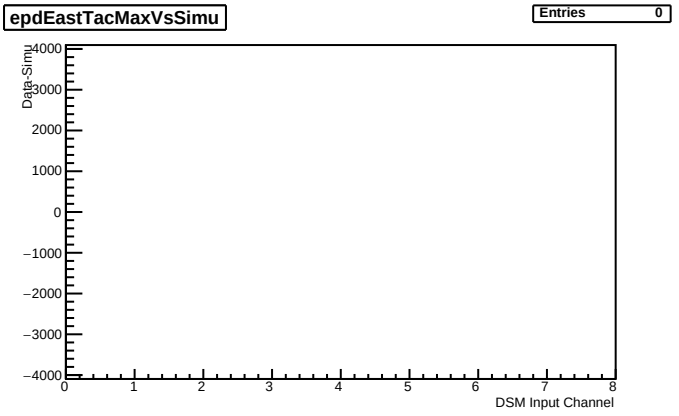
Entries 190226
Data
Simu


epdEastTacMax
Entries 1728288
TAC
DSM Input Channel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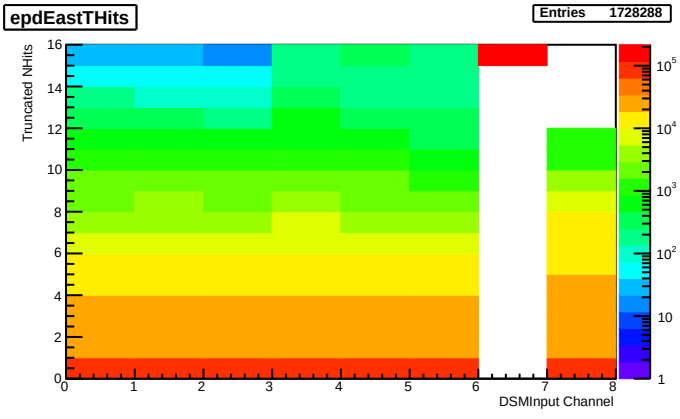
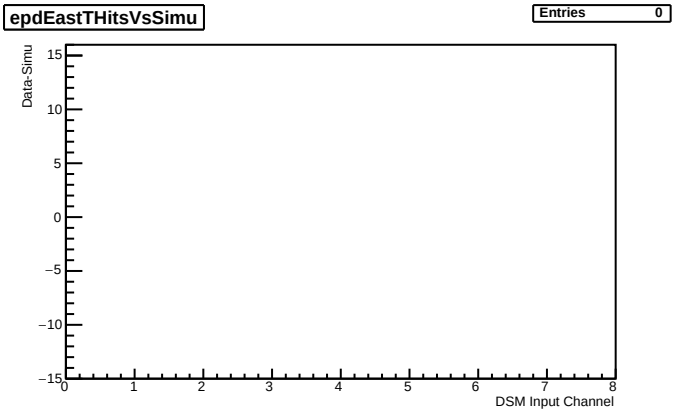
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1728288
Truncated NHits
DSMInput Channel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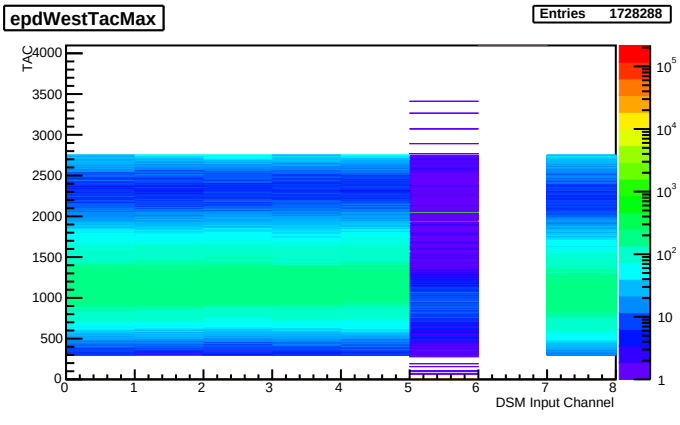
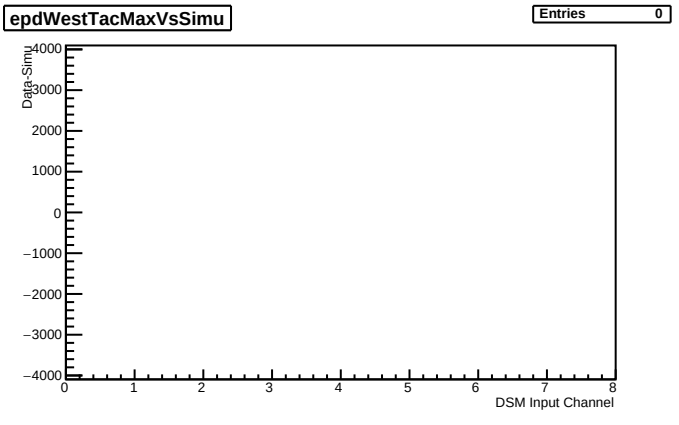
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 1728288
TAC
DSM Input Channel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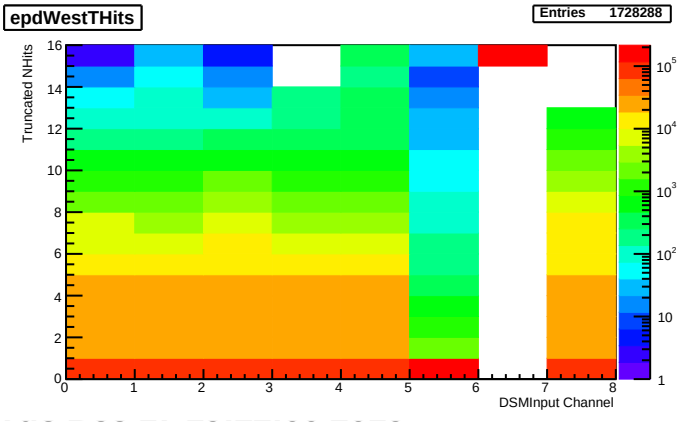
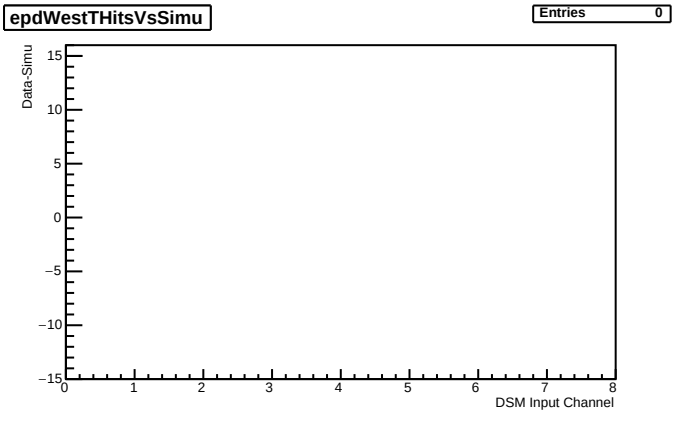
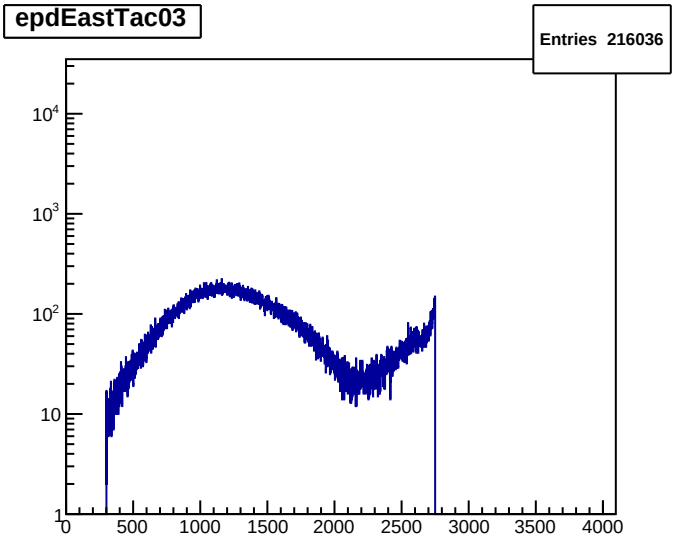
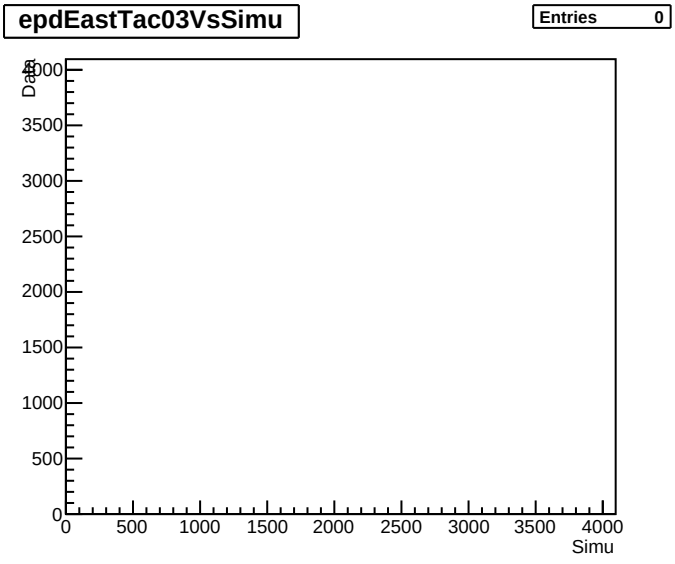
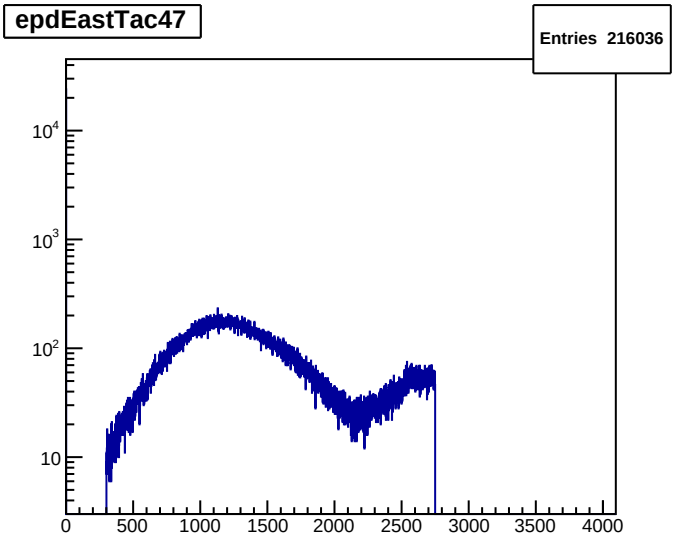
Entries 0
Data-Simu
DSM Input Channel

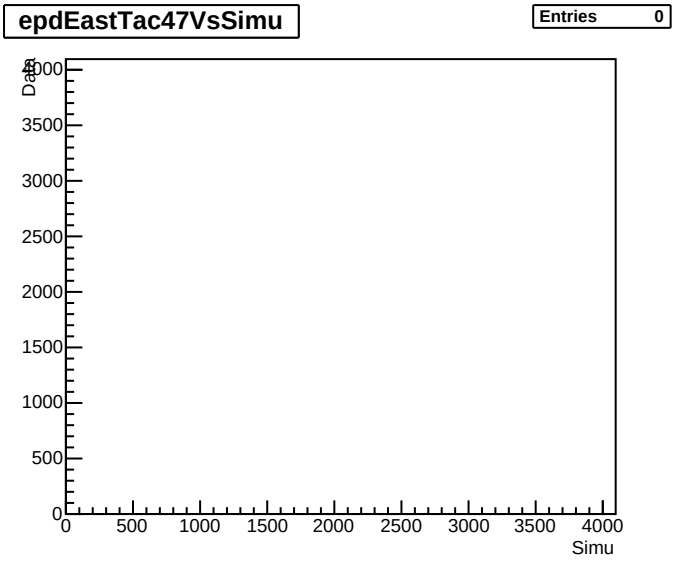

epdWestTHits
Entries 1728288
Truncated NHits
DSMInput Channel

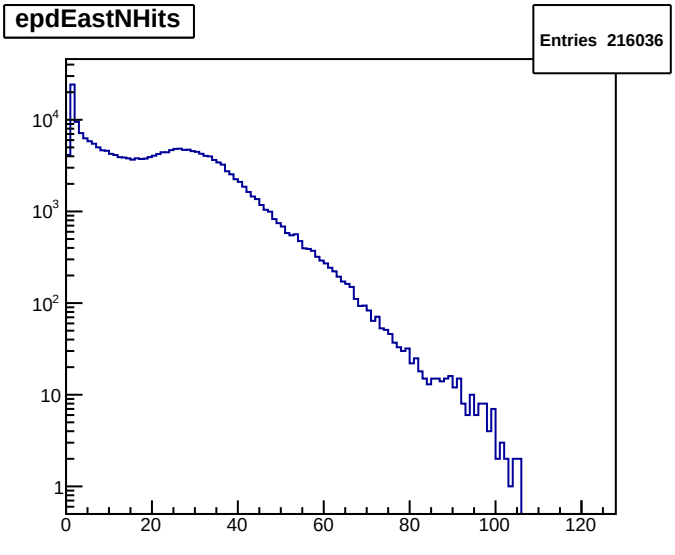

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

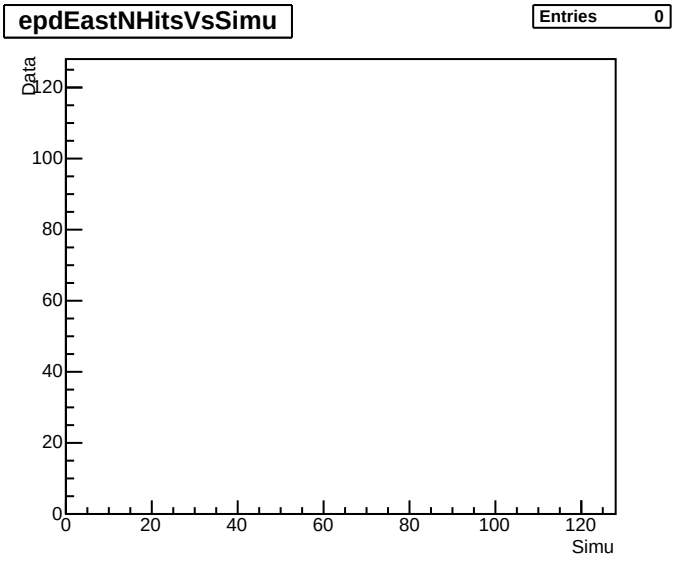

epdEastTac03
Entries 216036


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 216036


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 216036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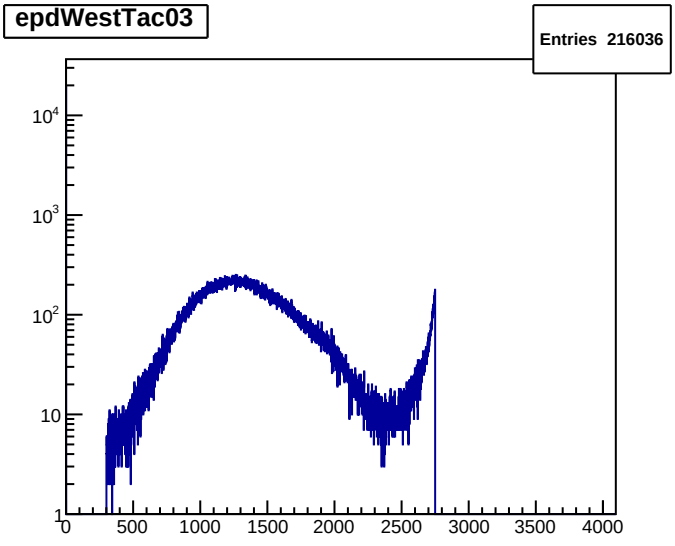
Entries 0
Data
Simu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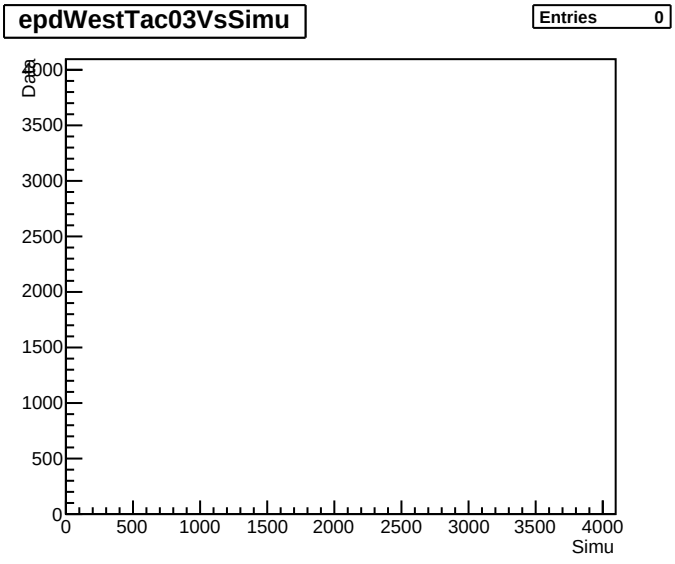
Entries 216036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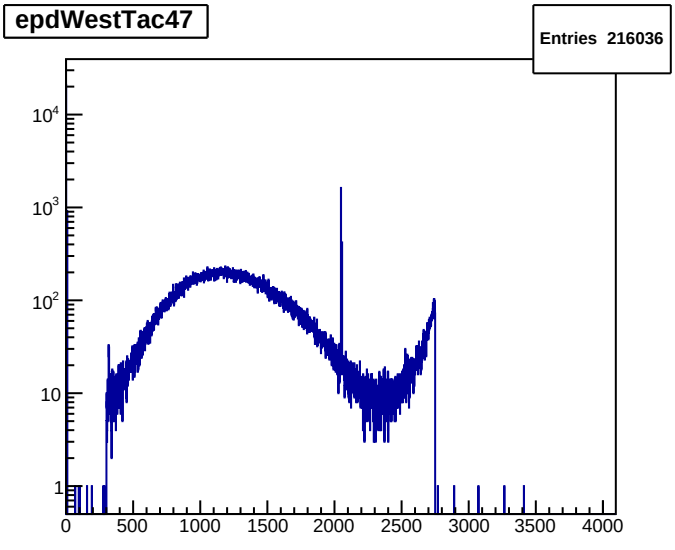
Entries 0
Data
Simu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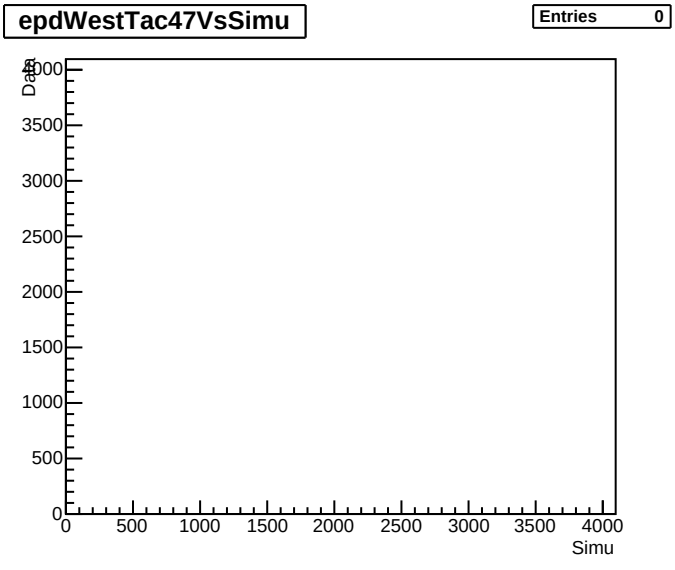
Entries 216036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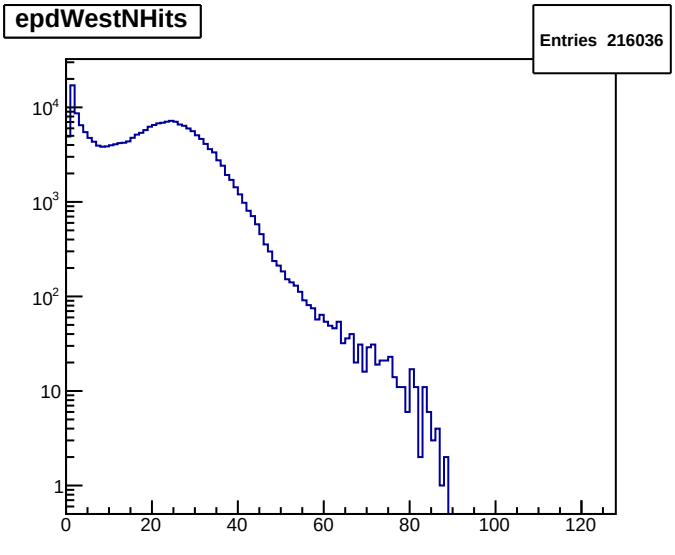
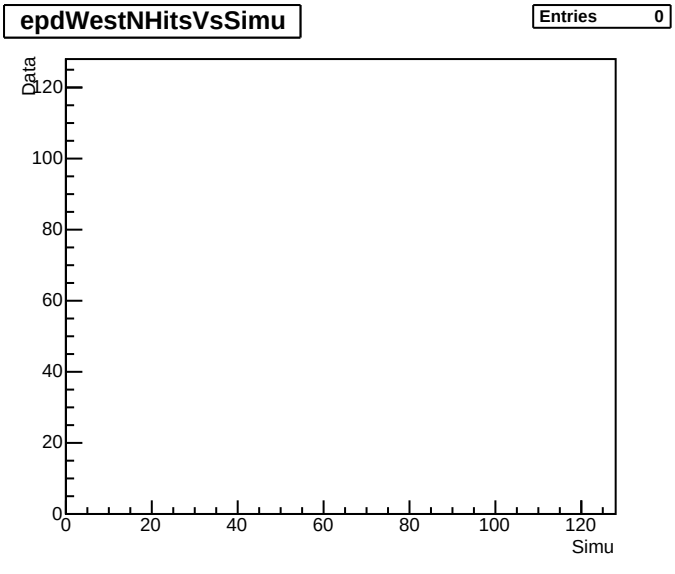
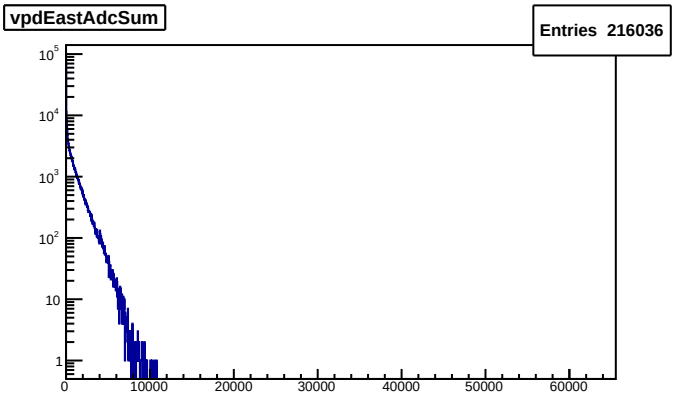
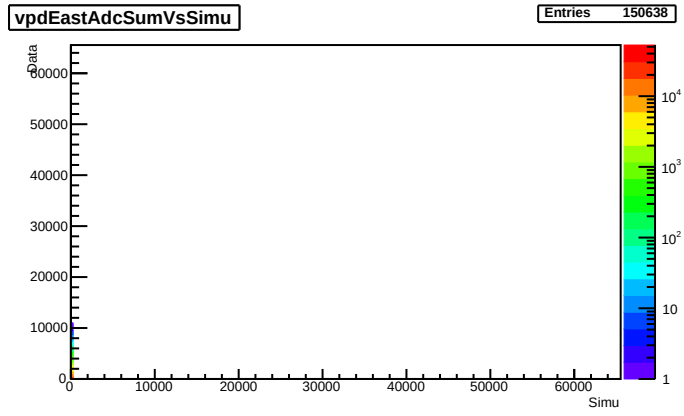
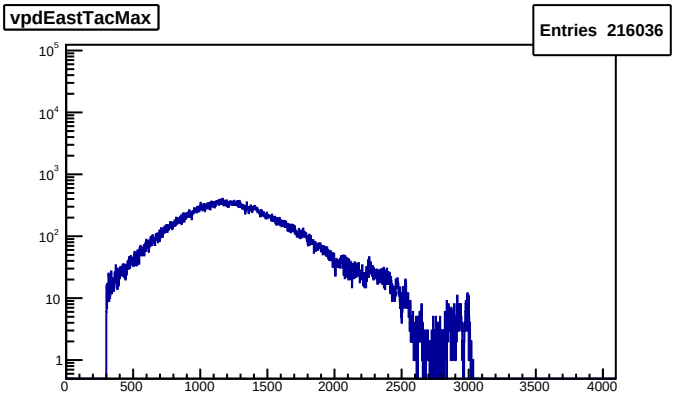
Entries 0
Data
Simu

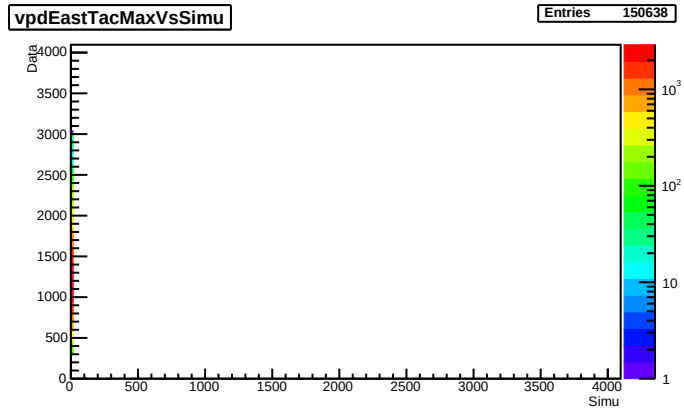

epdWestNHits
Entries 216036

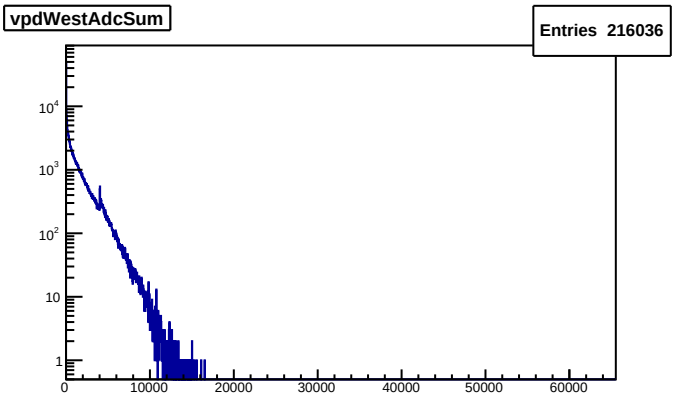

epdWestNHitsVsSimu
Entries 0
Data
Simu

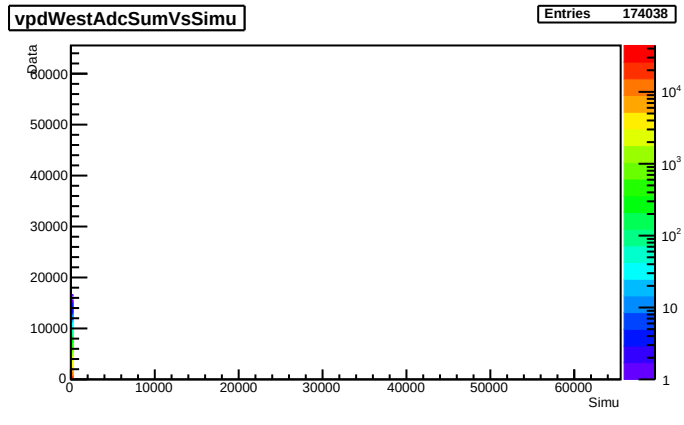

vpdEastAdcSum
Entries 216036

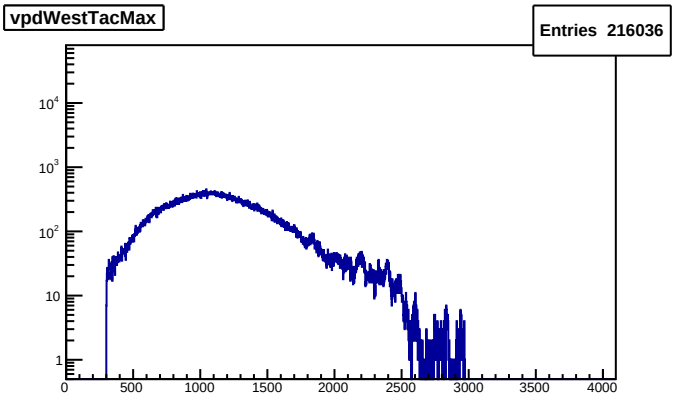

vpdEastAdcSumVsSimu
Entries 150638
Data
Simu

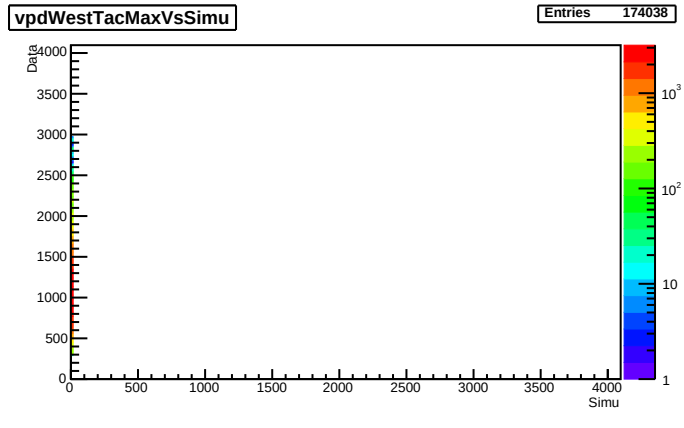

vpdEastTacMax
Entries 216036

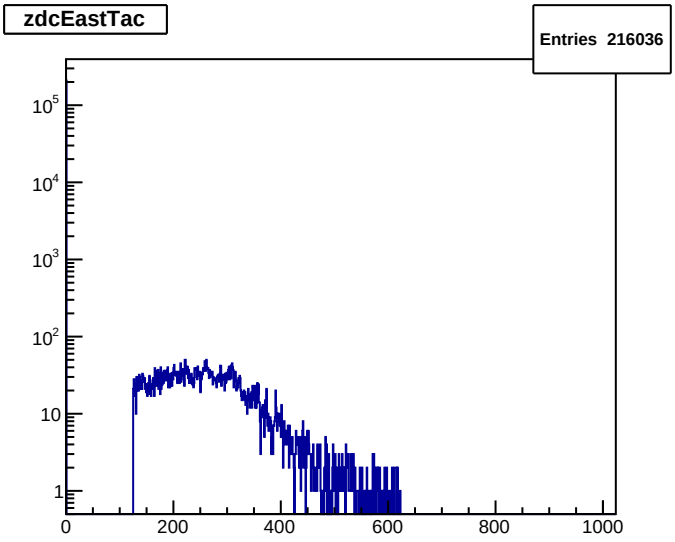

vpdEastTacMaxVsSimu
Entries 150638
Data
Simu

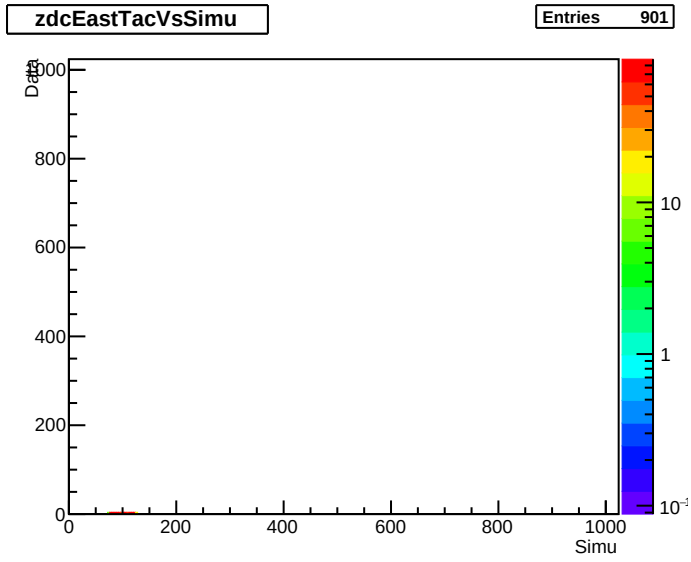

vpdWestAdcSum
Entries 216036

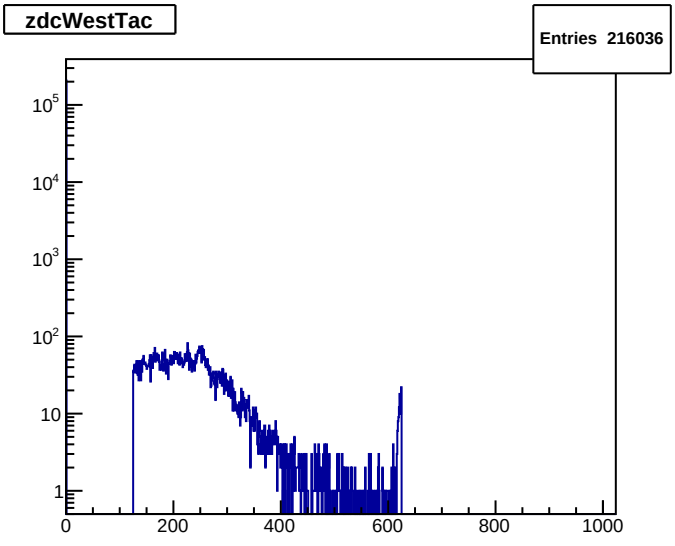

vpdWestAdcSumVsSimu
Entries 174038
Data
Simu

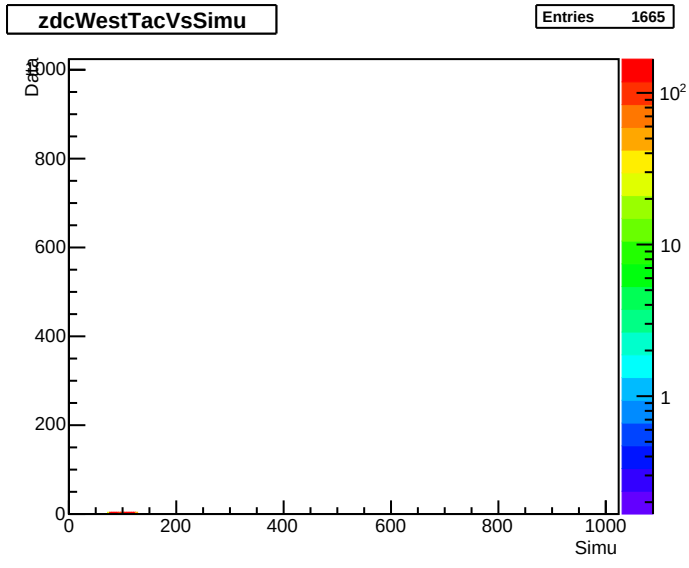

vpdWestTacMax
Entries 216036

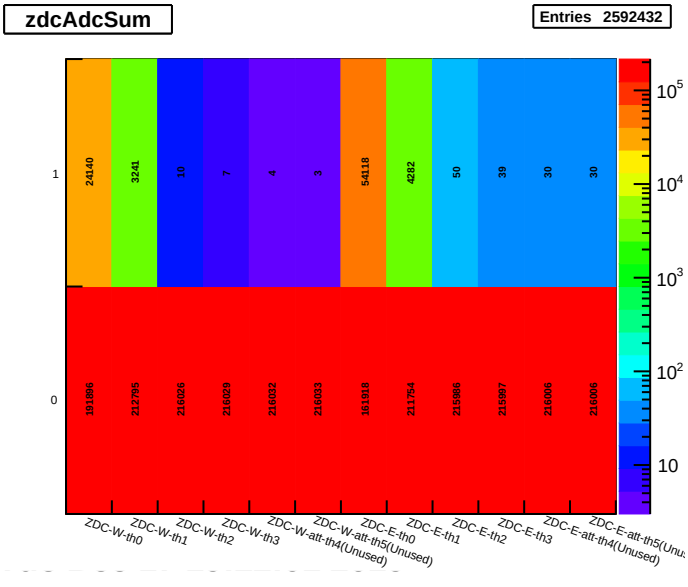

vpdWestTacMaxVsSimu
Entries 174038
Data
Simu

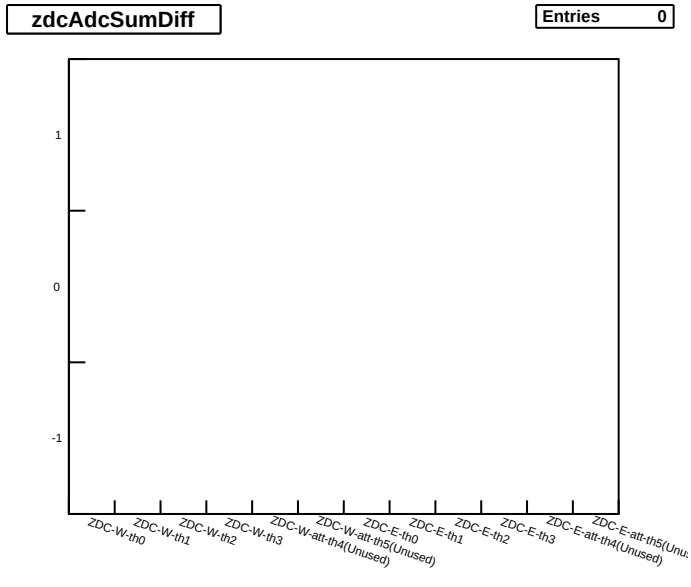

zdcEastTac
Entries 216036

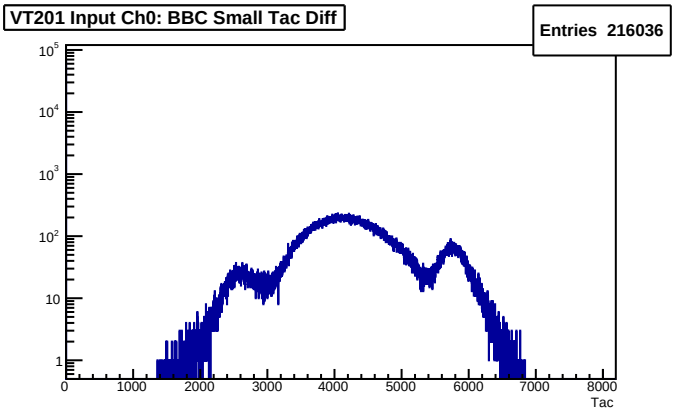

zdcEastTacVsSimu
Entries 901
Data
Simu

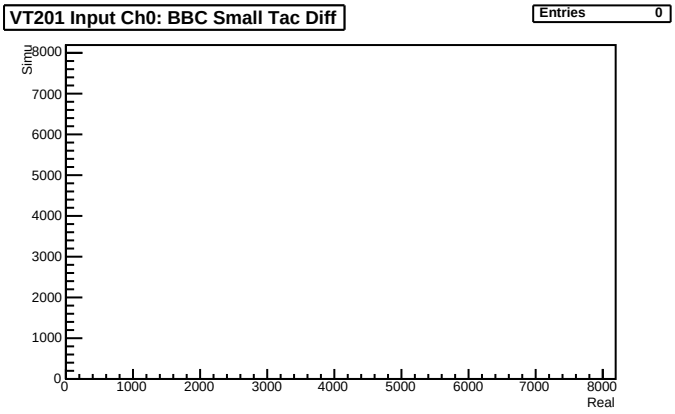

zdcWestTac
Entries 216036

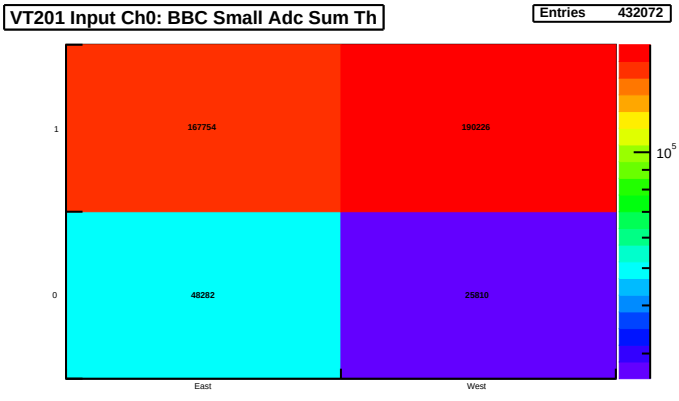

zdcWestTacVsSimu
Entries 1665
Data
Simu

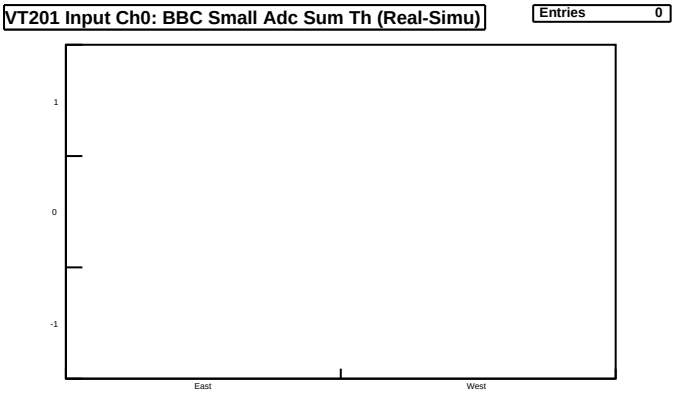

zdcAdcSum
Entries 2592432
24140
3241
10
7
4
3
54118
4282
50
39
30
30
191896
212795
216026
216029
216032
216033
161918
211754
215986
215997
216006
216006
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

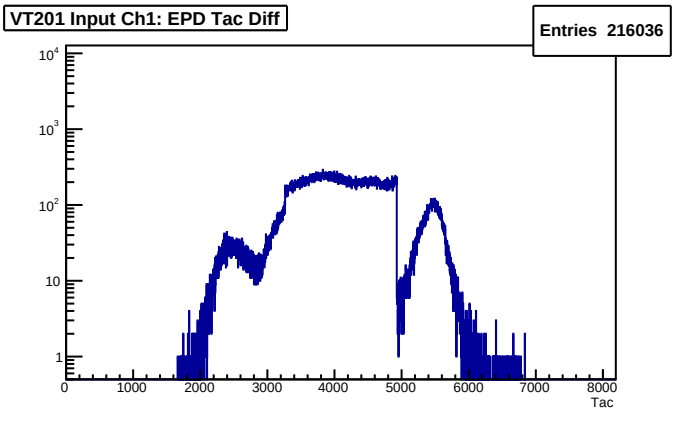

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

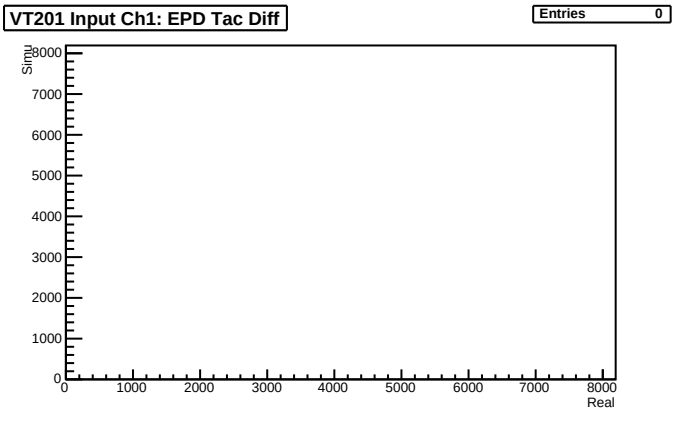

VT201 Input Ch0: BBC Small Tac Diff
Entries 216036
Tac

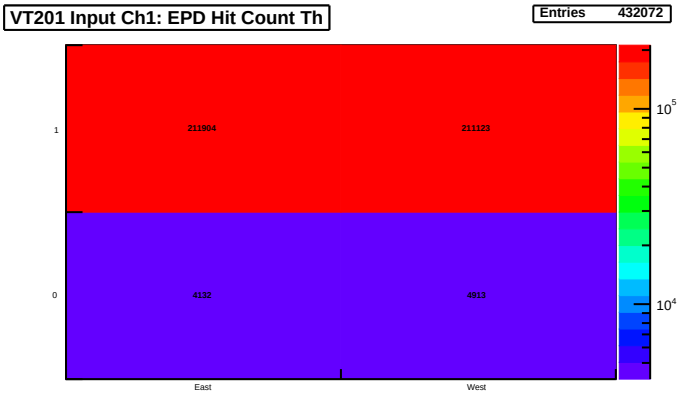

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

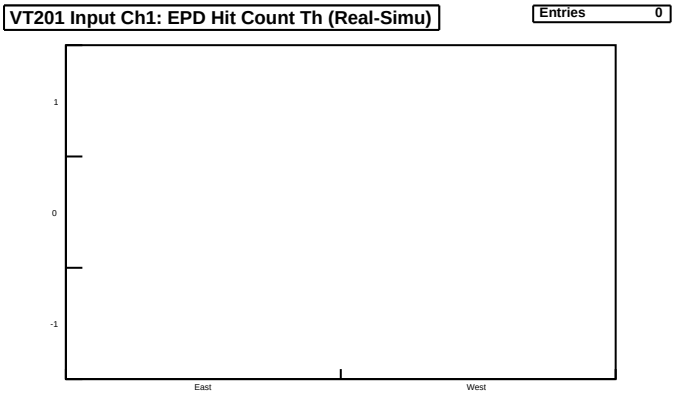

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 432072
167754
190226
48282
25810
East
West

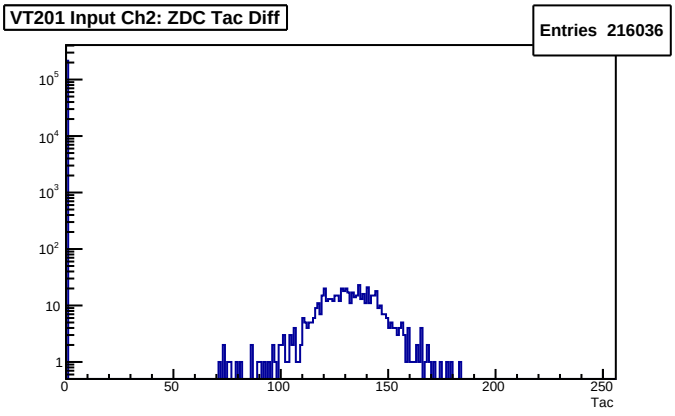

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

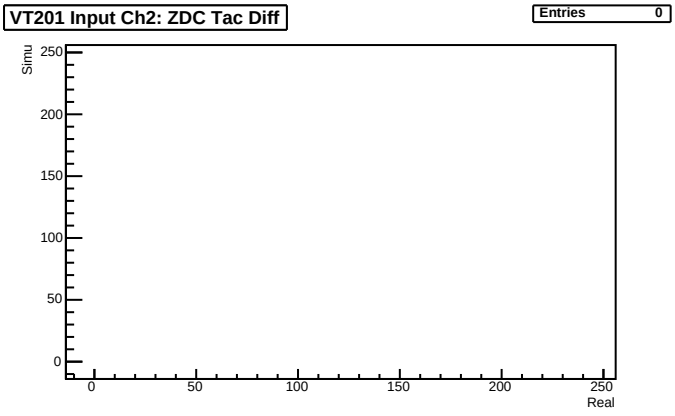

VT201 Input Ch1: EPD Tac Diff
Entries 216036
Tac

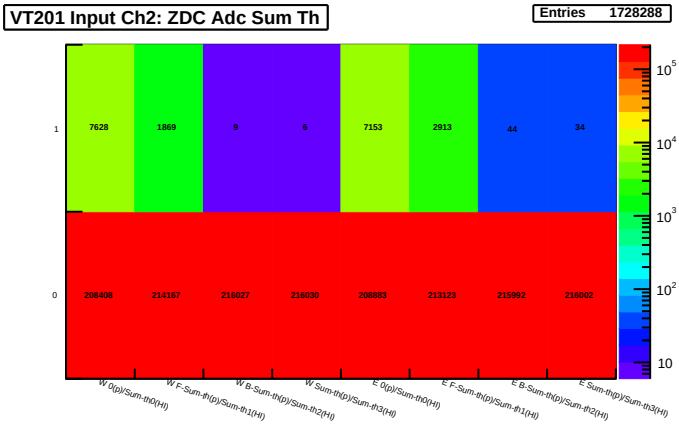

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

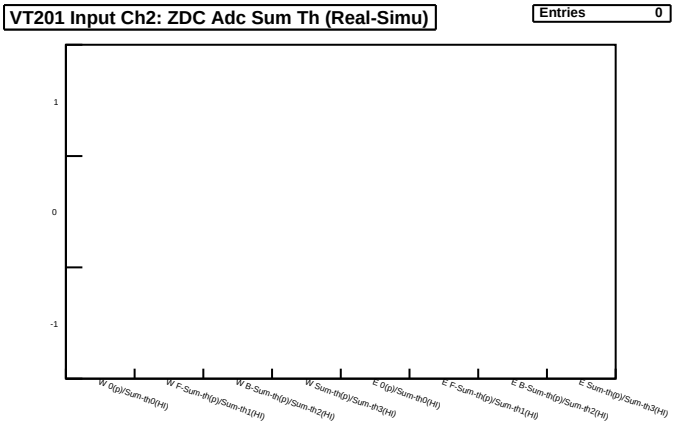

VT201 Input Ch1: EPD Hit Count Th
Entries 432072
211904
211123
4132
4913
East
West

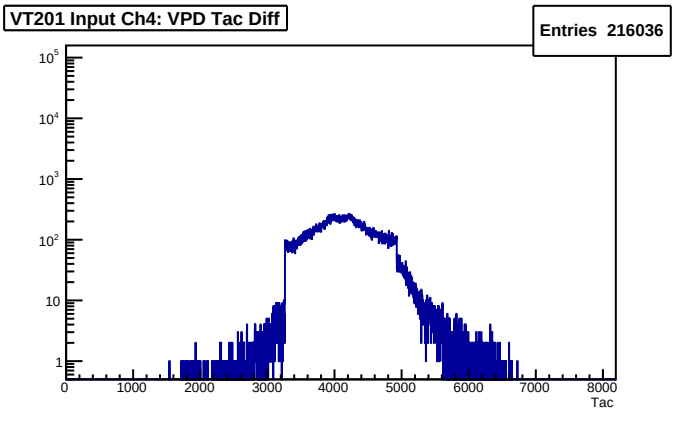

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

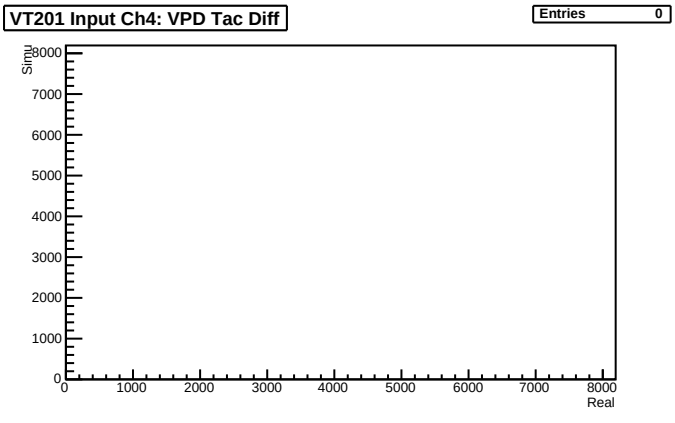

VT201 Input Ch2: ZDC Tac Diff
Entries 216036
Tac

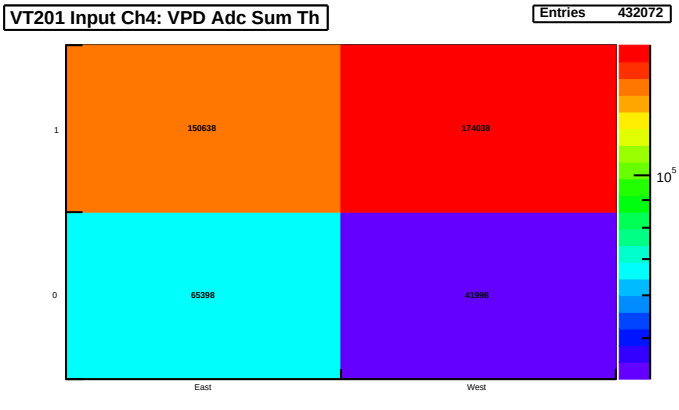

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

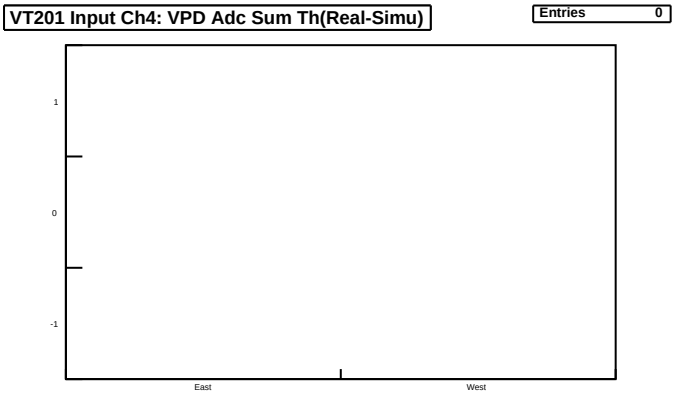

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1728288
7628
1869
9
6
7153
2913
44
34
208408
214167
216027
216030
208883
213123
215992
216002
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

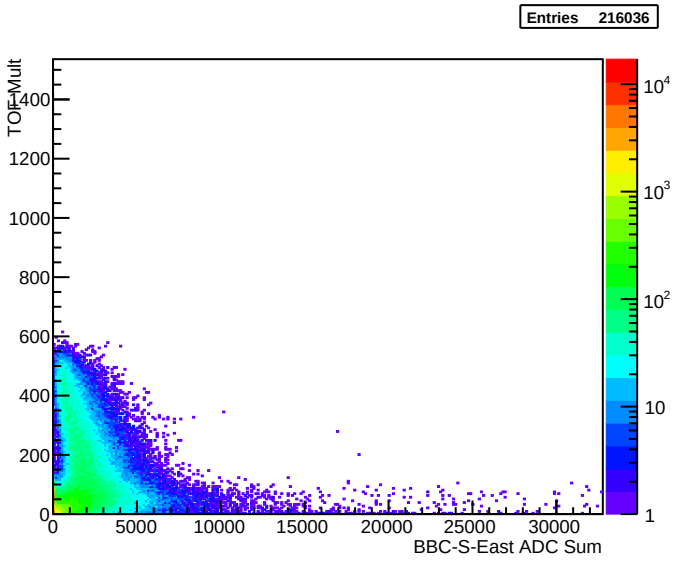

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

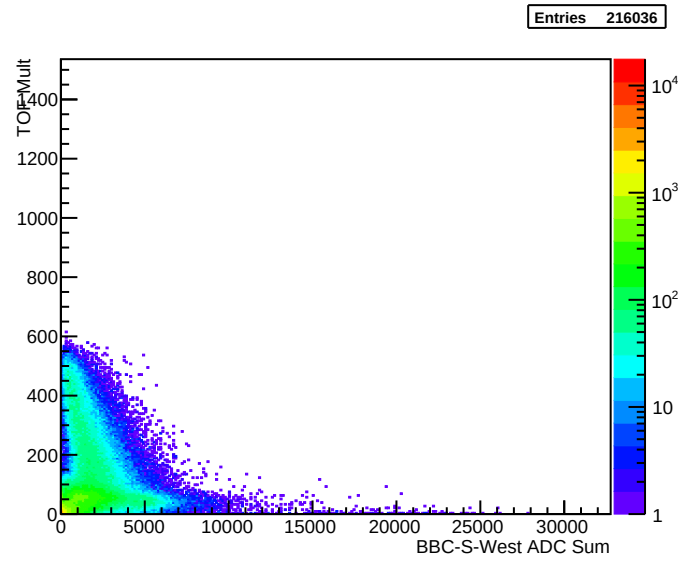

VT201 Input Ch4: VPD Tac Diff
Entries 216036
Tac

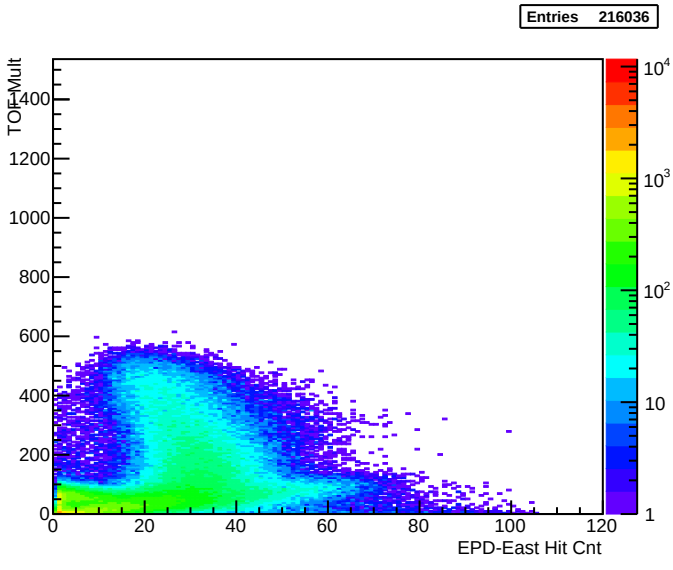

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

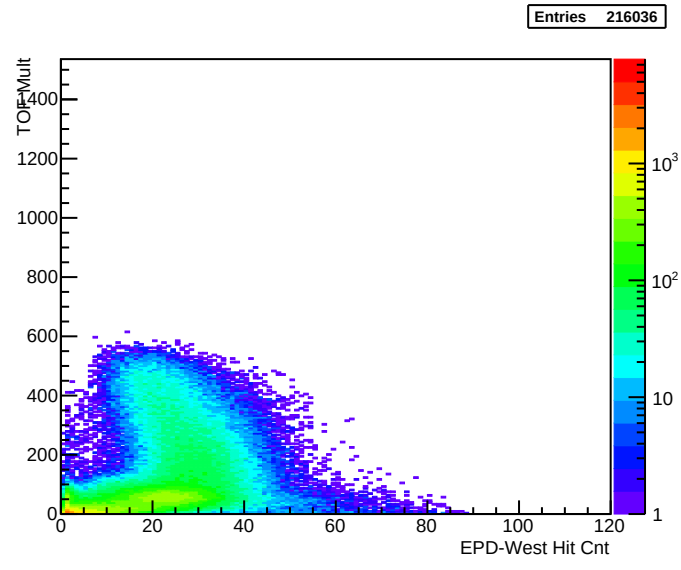

VT201 Input Ch4: VPD Adc Sum Th
Entries 432072
150638
174038
65398
41998
East
West

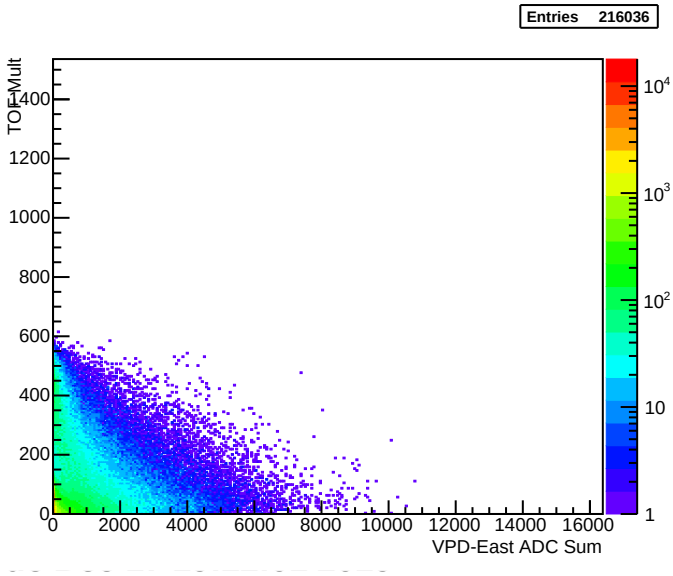

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

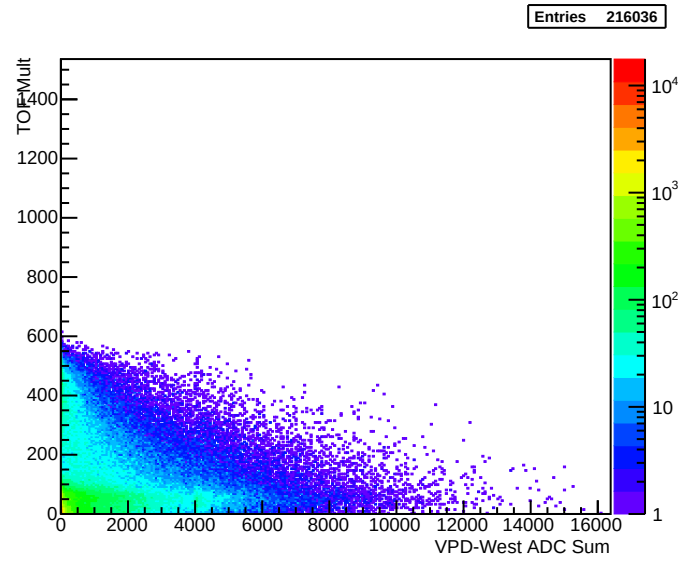

Entries 216036
TOF-Mult
BBC-S-East ADC Sum

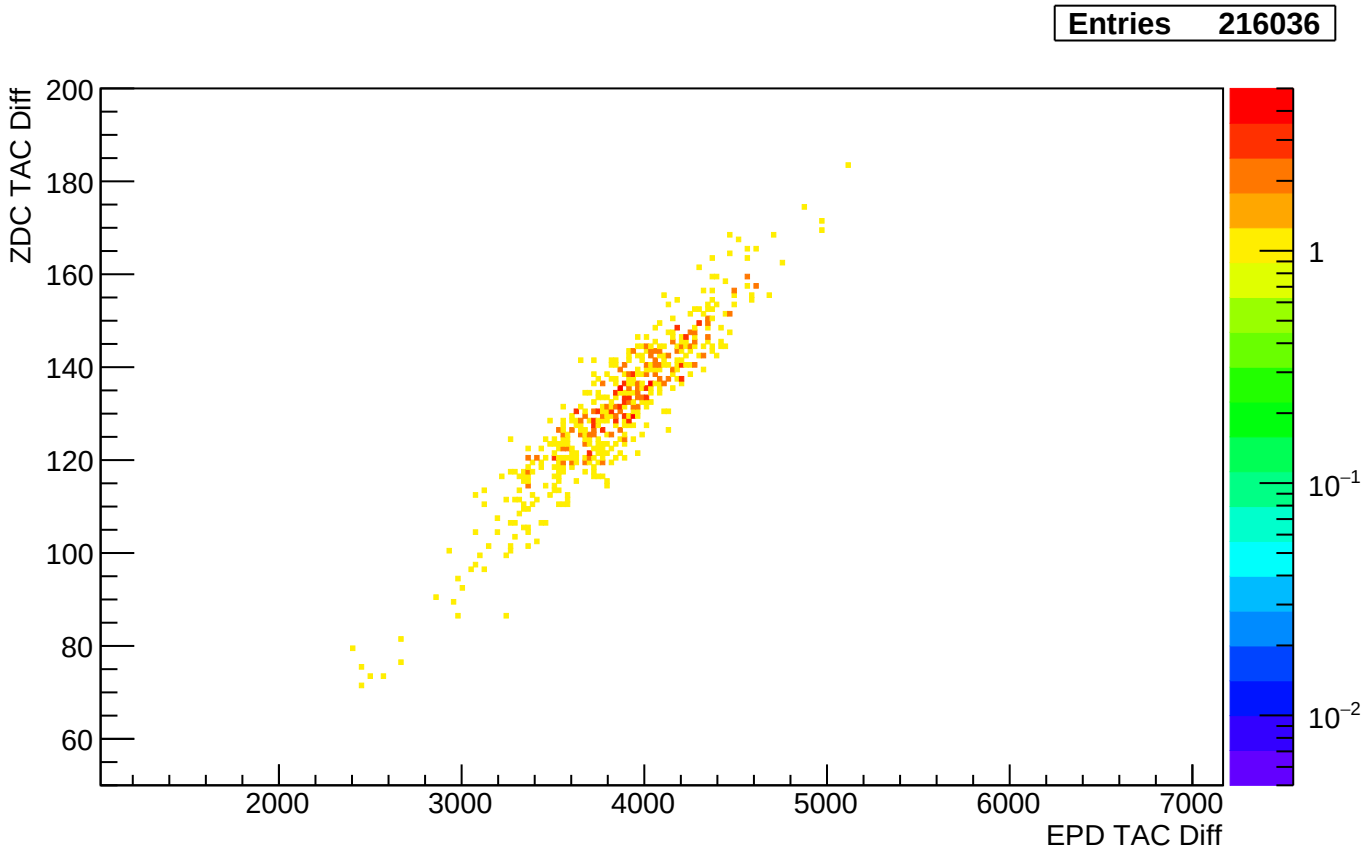

Entries 216036
TOF-Mult
BBC-S-West ADC Sum

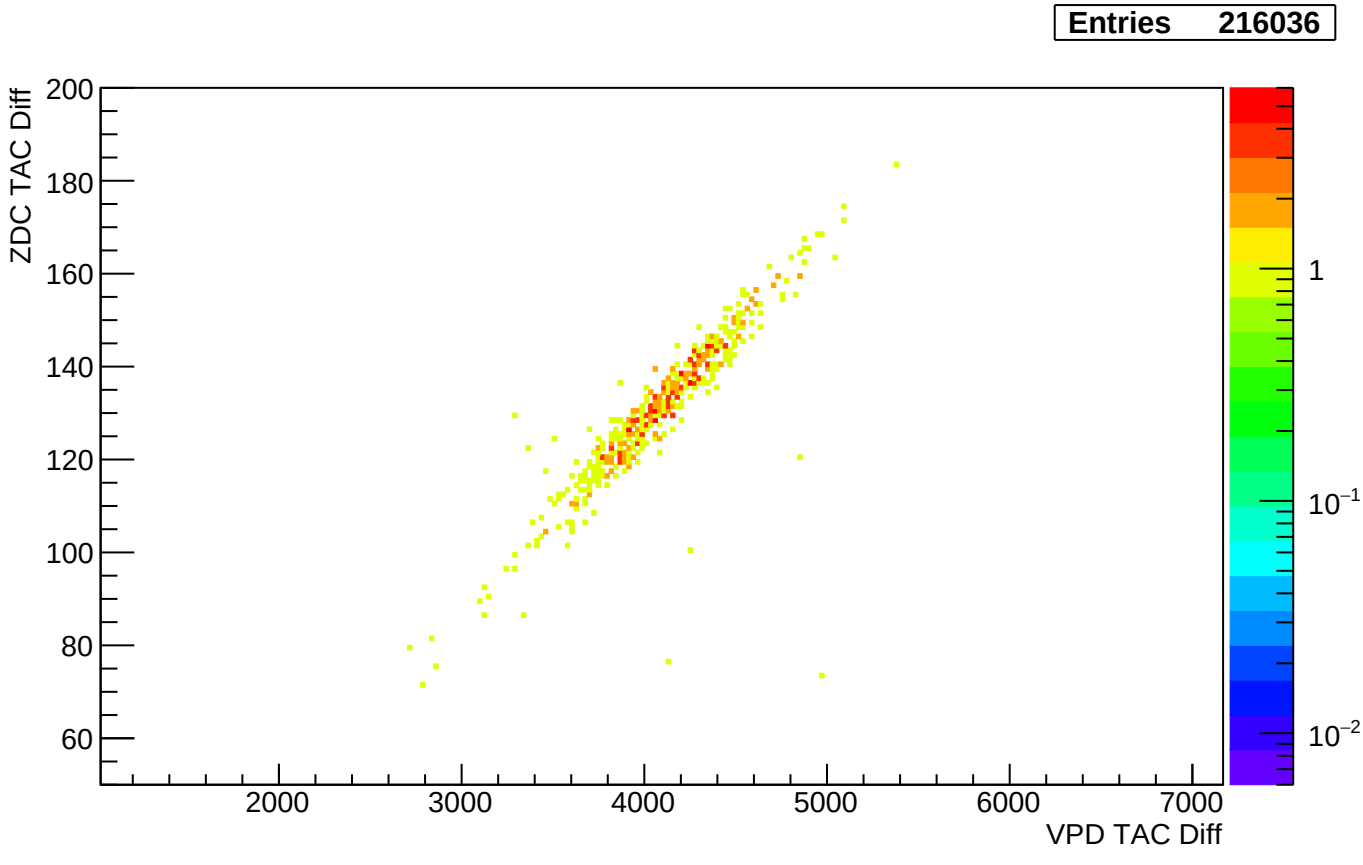

Entries 216036
TOF-Mult
EPD-East Hit Cnt

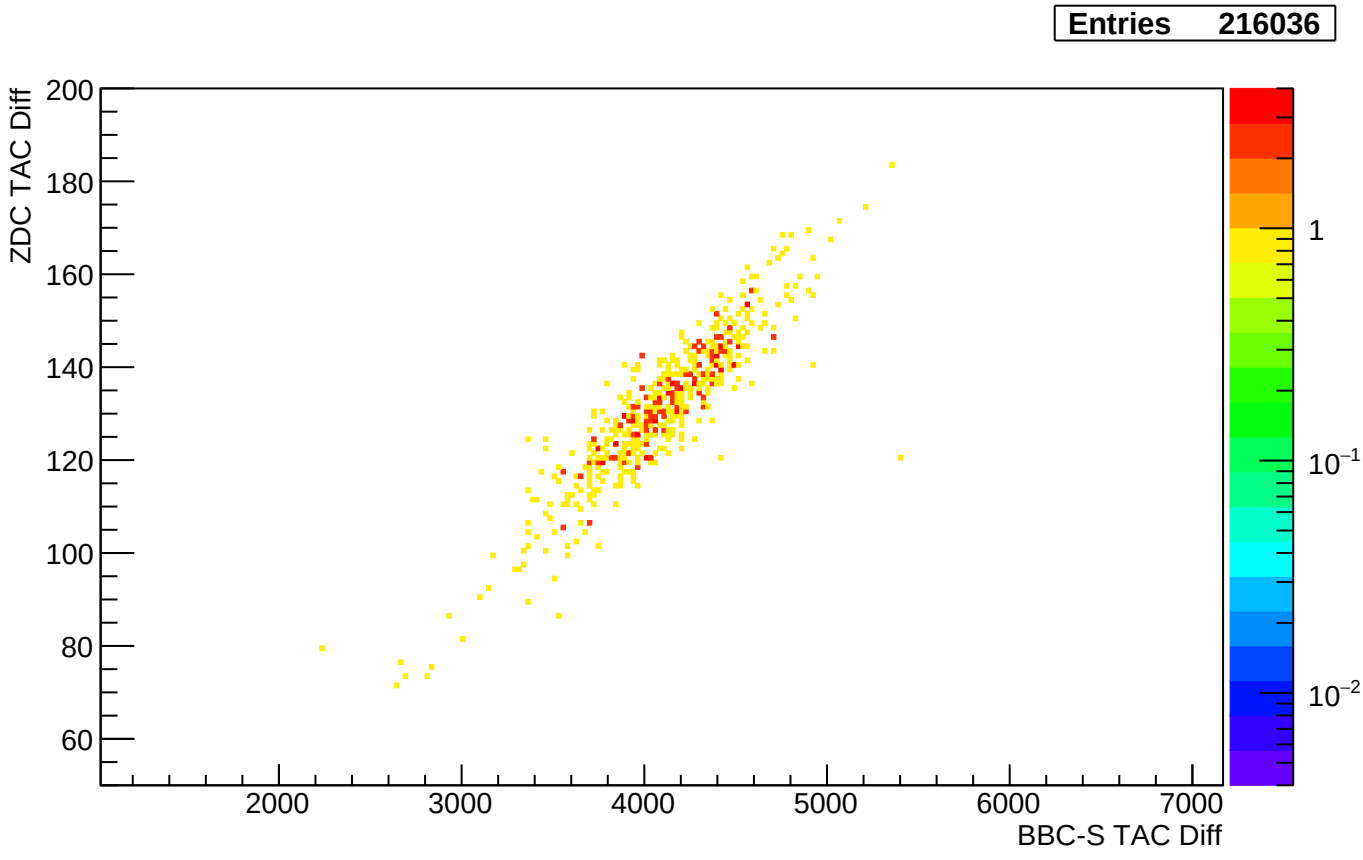

Entries 216036
TOF-Mult
EPD-West Hit Cnt

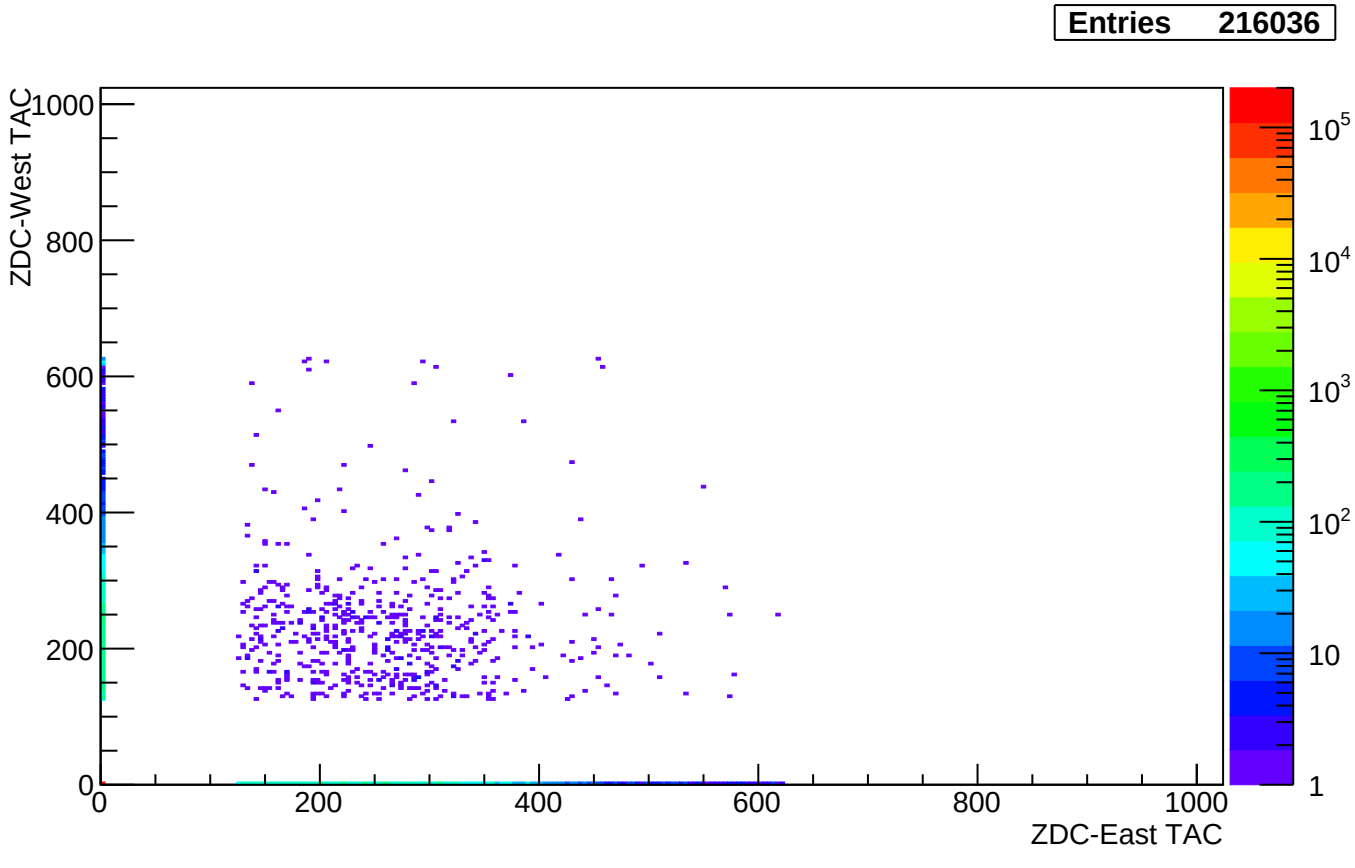

Entries 216036
TOF-Mult
VPD-East ADC Sum

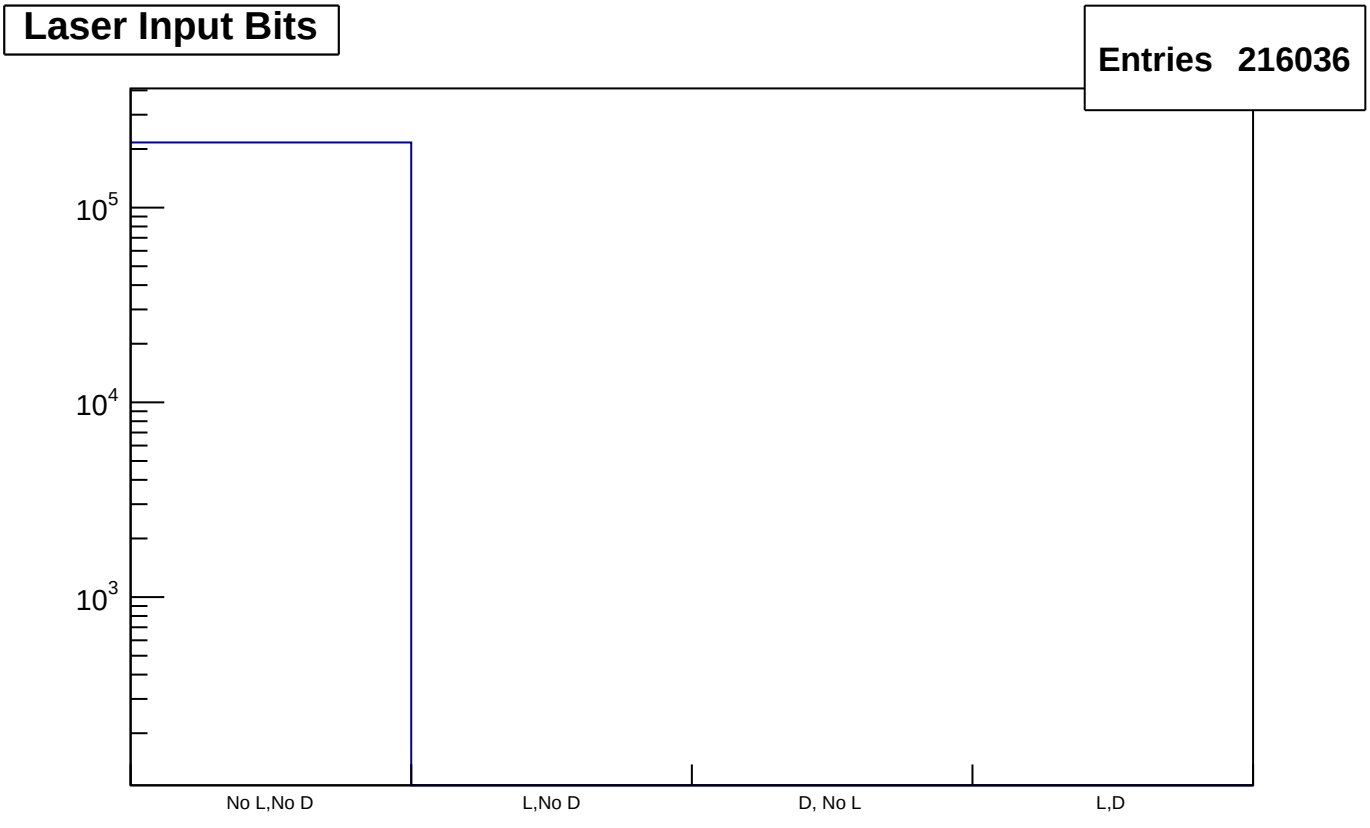

Entries 216036
TOF-Mult
VPD-West ADC Sum

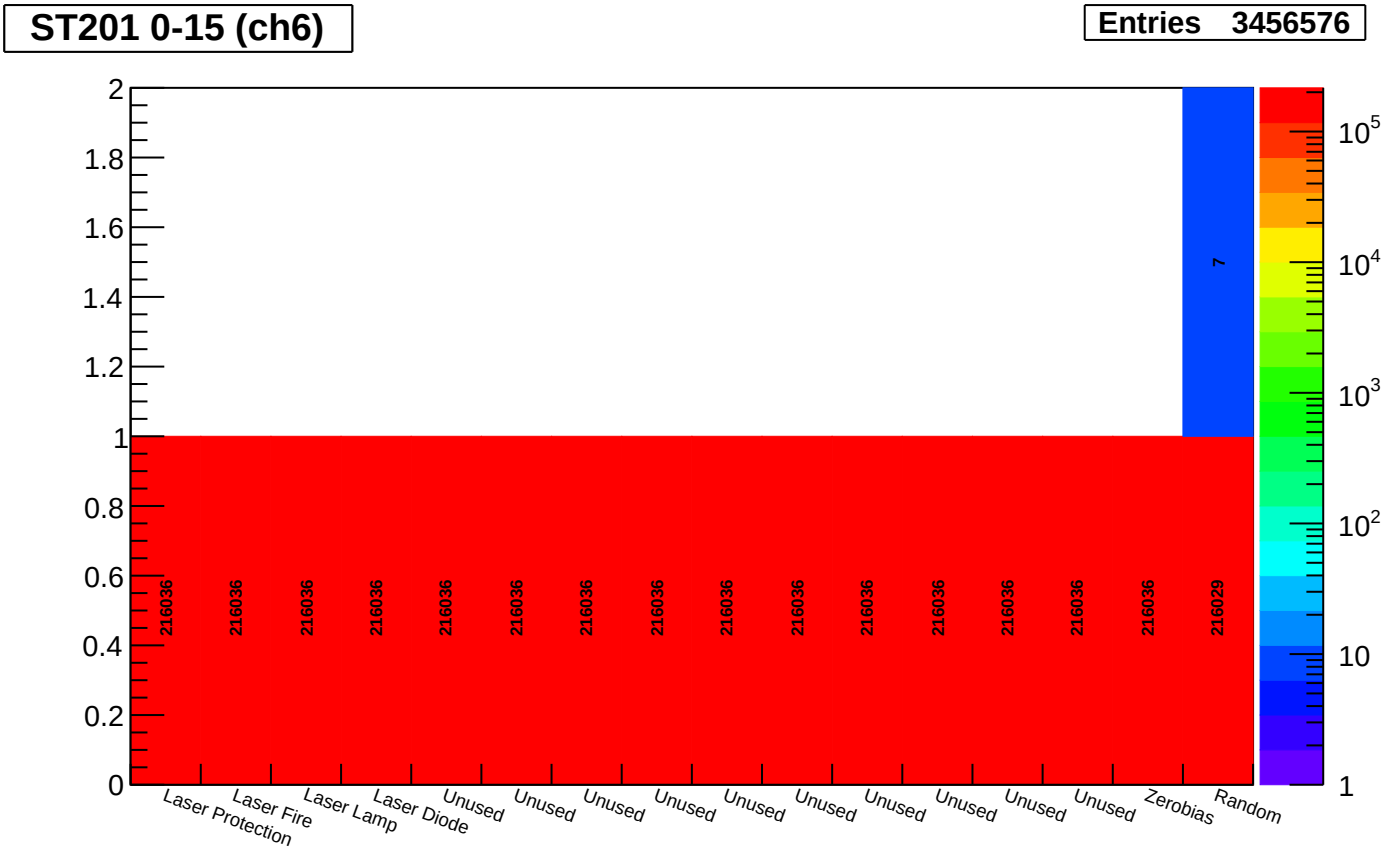

Entries 216036
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

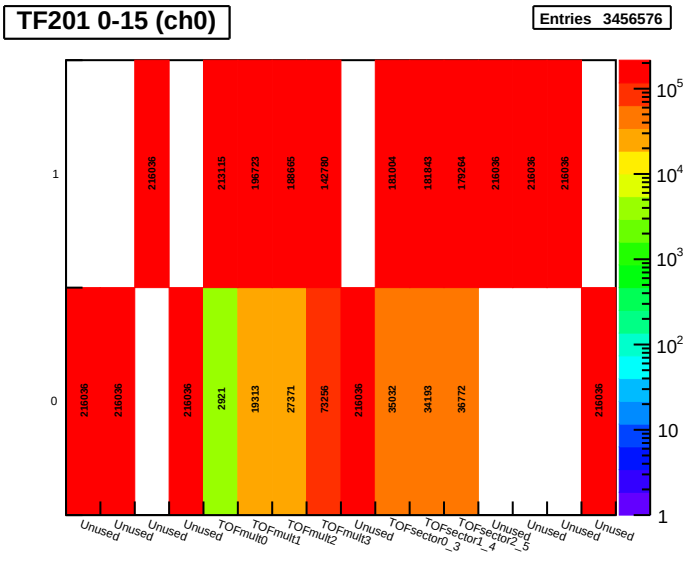

Entries 216036
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

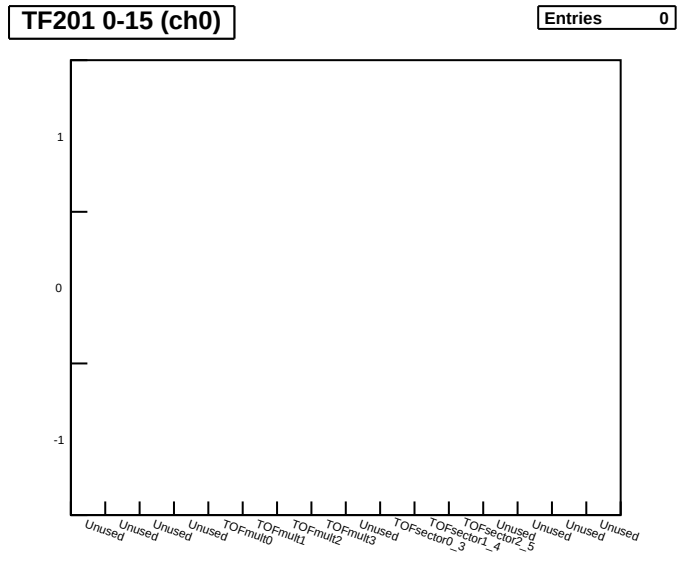

Entries 216036
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

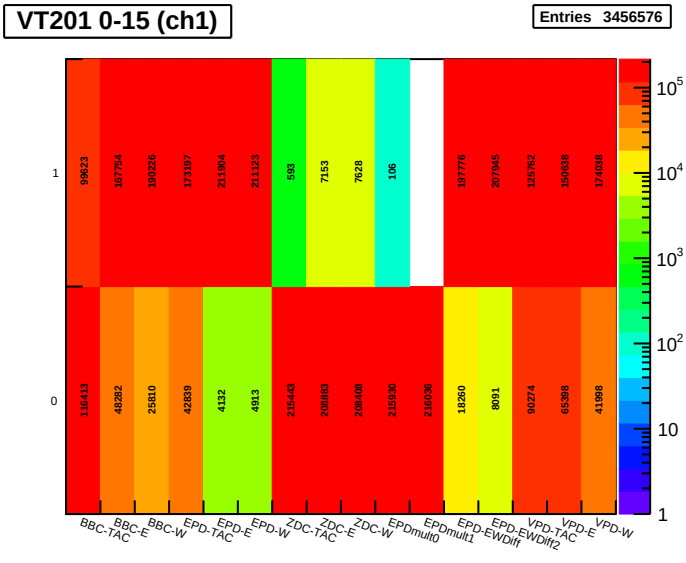

Entries 216036
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

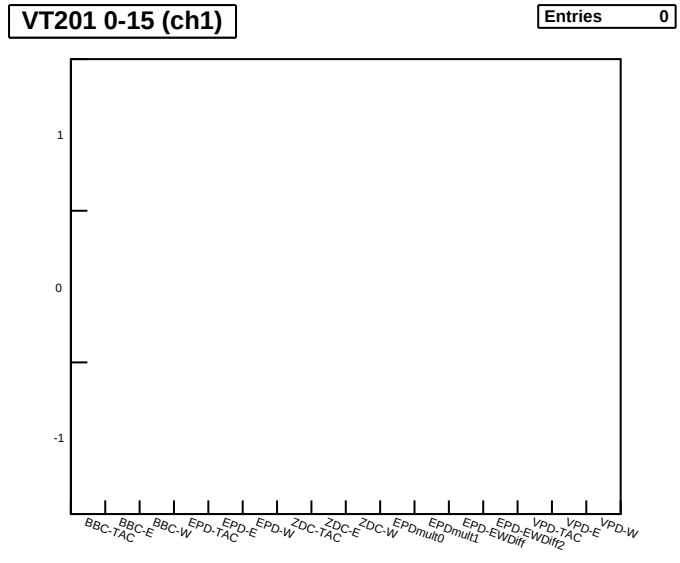

Laser Input Bits
Entries 216036
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

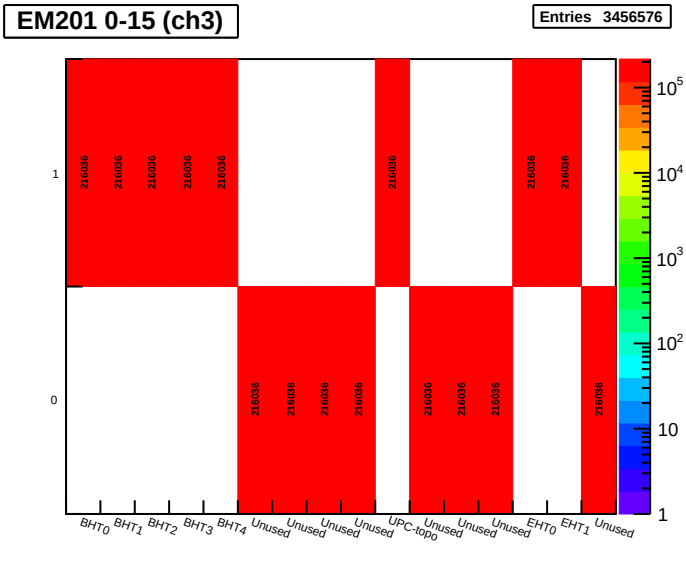

ST201 0-15 (ch6)
Entries 3456576
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
7
216036
216029
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

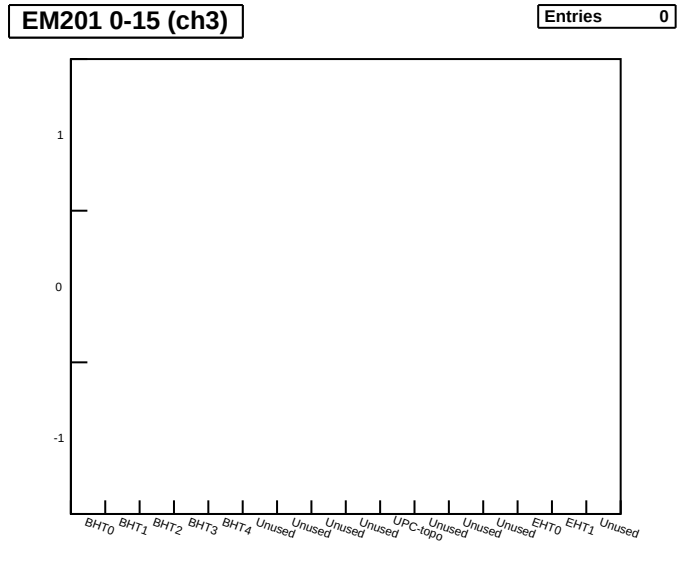

TF201 0-15 (ch0)
Entries 3456576
1
0
216036 216036 216036 216036 213115 196723 186665 142780 181004 181843 179264 216036 216036 216036
216036 216036 216036 2921 19313 27371 73256 216036 35032 34193 36772 216036
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 3456576
1
0
96623 167754 190226 173197 211904 211123 593 7153 7628 106 197776 207945 125762 150638 174038
116413 48282 25810 42839 4132 4913 215443 208883 208408 215930 216036 18260 8091 90274 65398 41998
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 3456576
1
0
216036 216036 216036 216036 216036 216036 216036 216036 216036
216036 216036 216036 216036 216036 216036 216036 216036
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