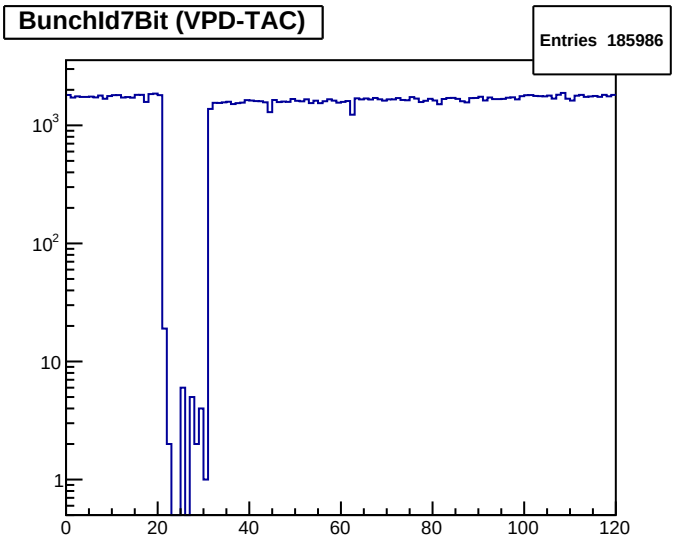
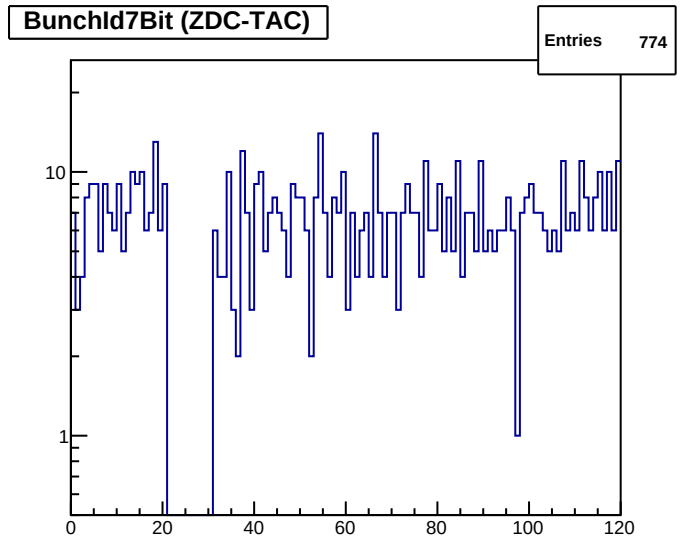
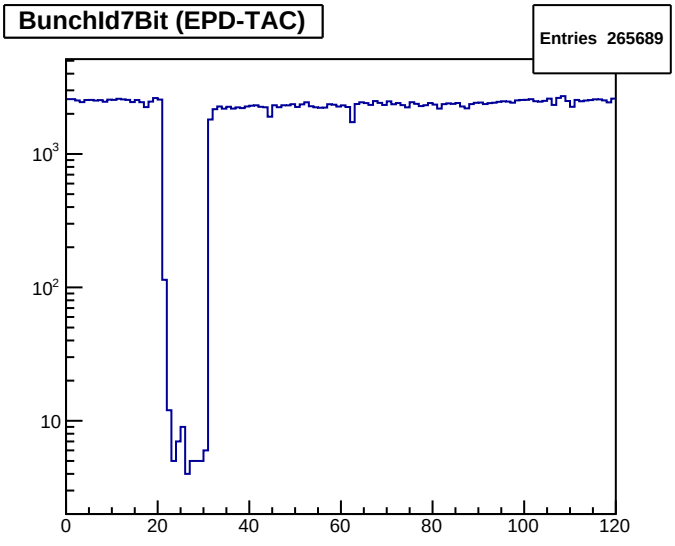
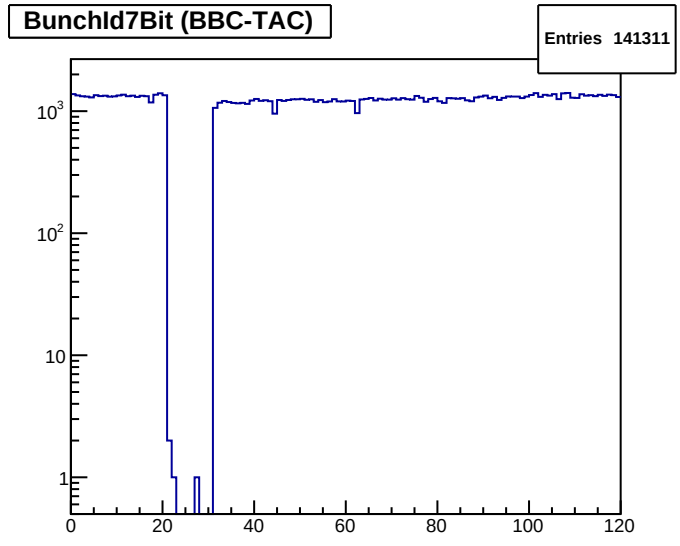
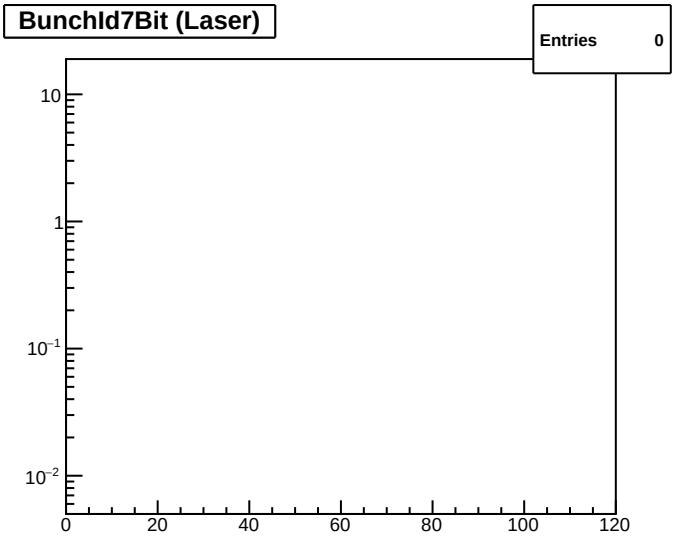
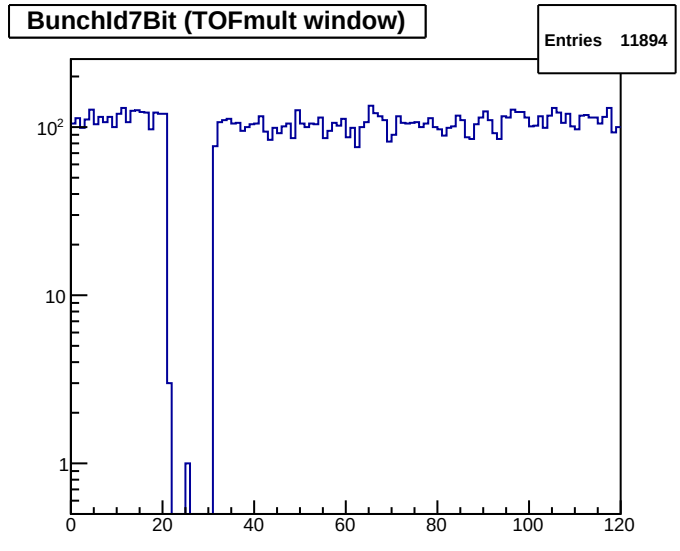

BunchId7Bit (VPD-TAC)
Entries 185986

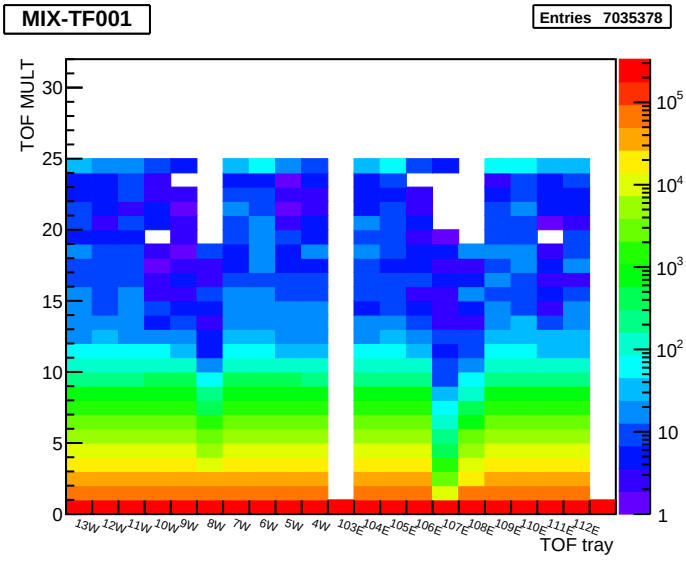

BunchId7Bit (ZDC-TAC)
Entries 774

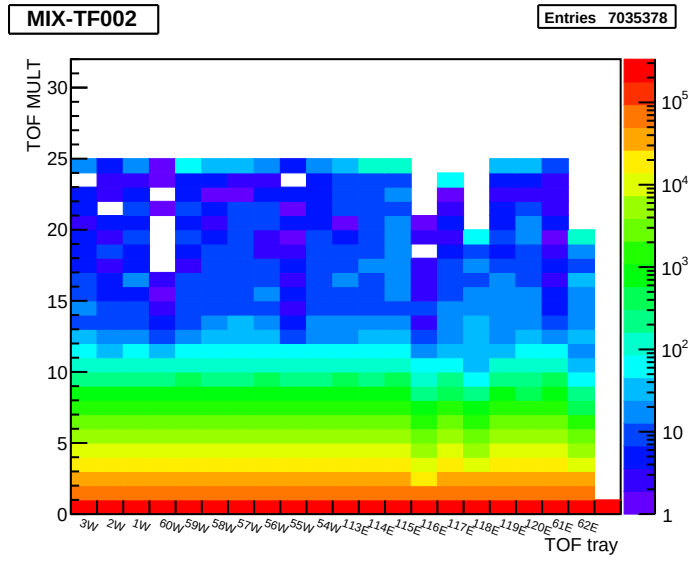

BunchId7Bit (EPD-TAC)
Entries 265689

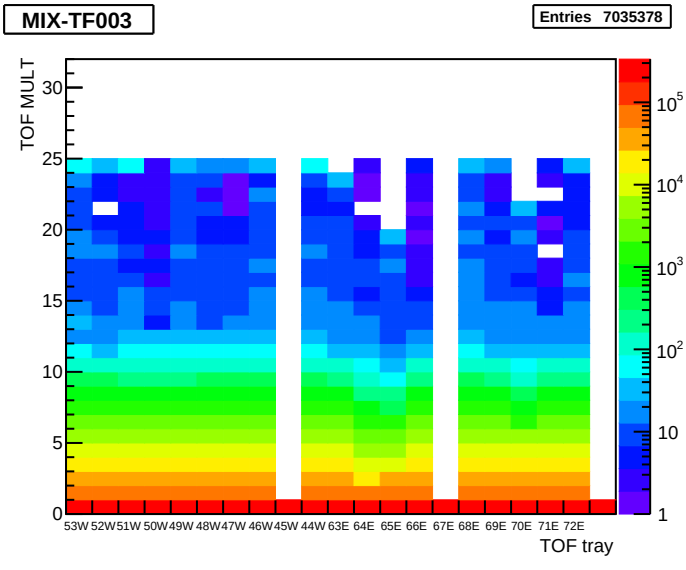

BunchId7Bit (BBC-TAC)
Entries 141311

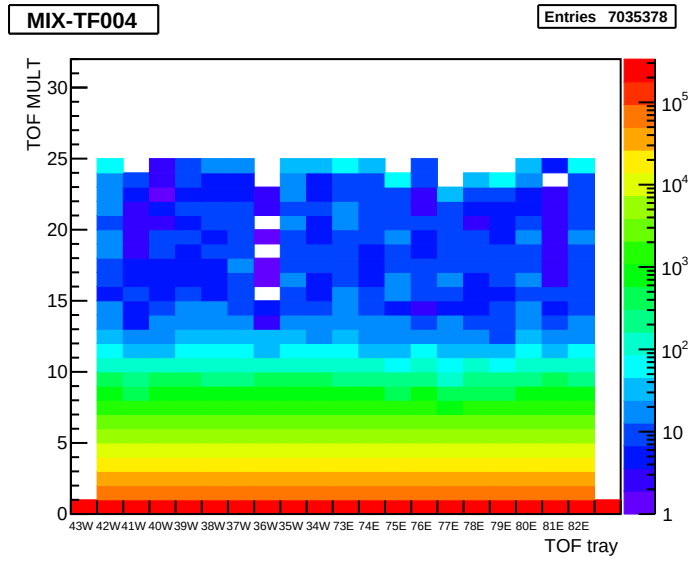

BunchId7Bit (Laser)
Entries 0

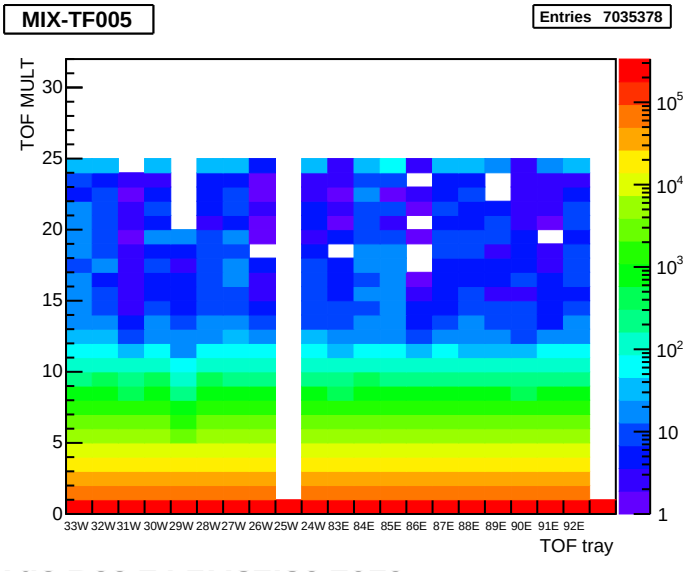

BunchId7Bit (TOFmult window)
Entries 11894

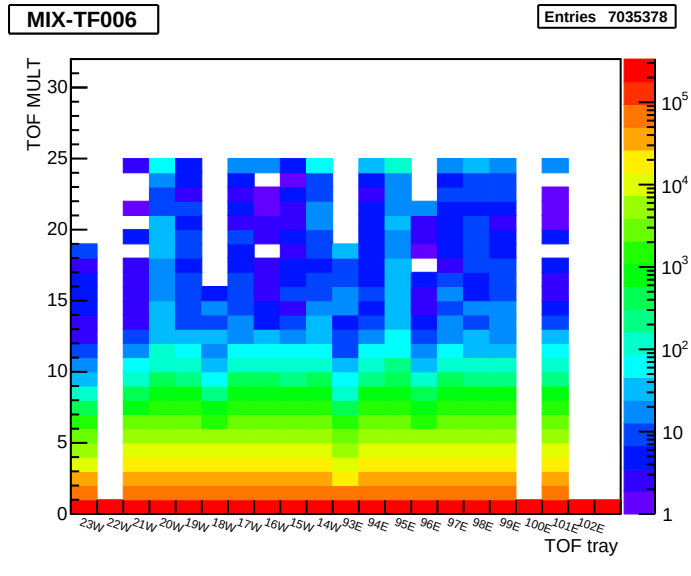

MIX-TF001
Entries 7035378
TOF MULT
TOF tray

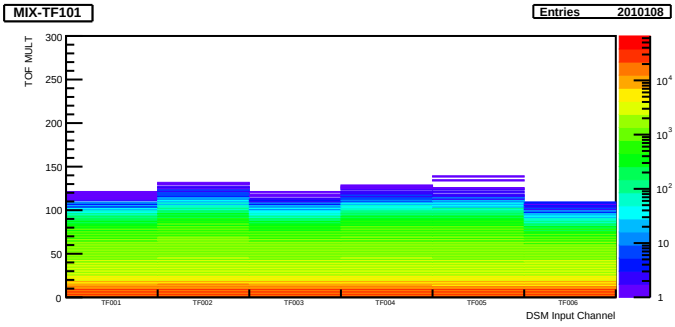

MIX-TF002
Entries 7035378
TOF MULT
TOF tray

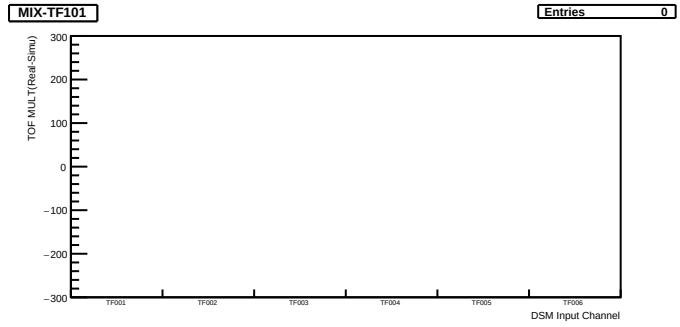

MIX-TF003
Entries 7035378
TOF MULT
TOF tray

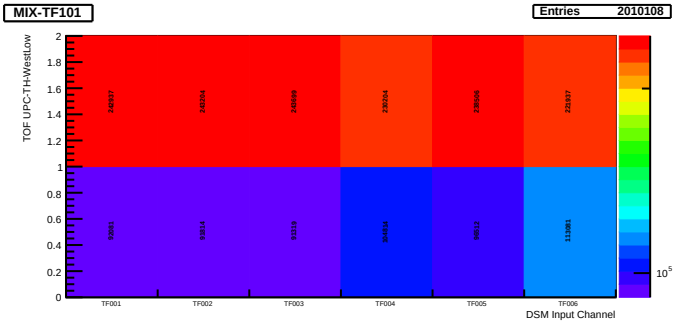

MIX-TF004
Entries 7035378
TOF MULT
TOF tray

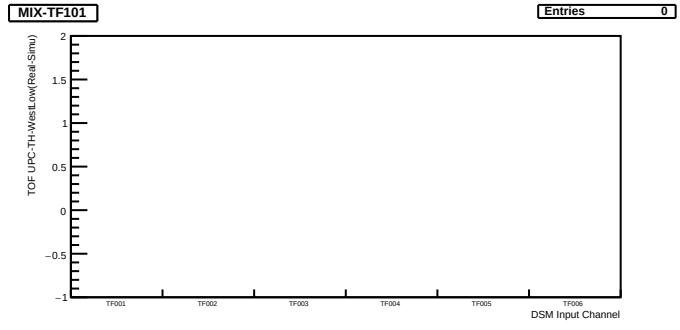

MIX-TF005
Entries 7035378
TOF MULT
TOF tray

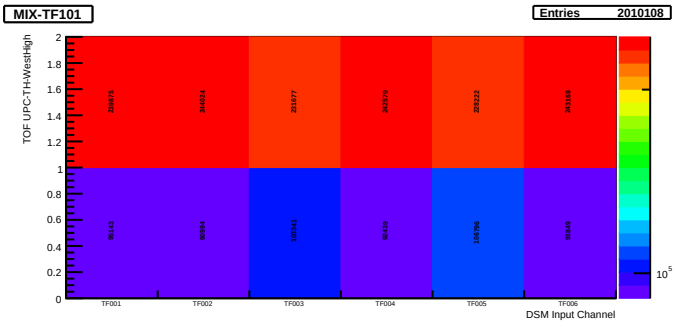

MIX-TF006
Entries 7035378
TOF MULT
TOF tray

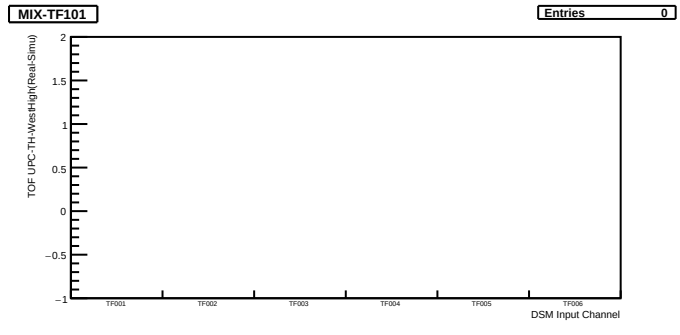

MIX-TF101
Entries 2010108
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

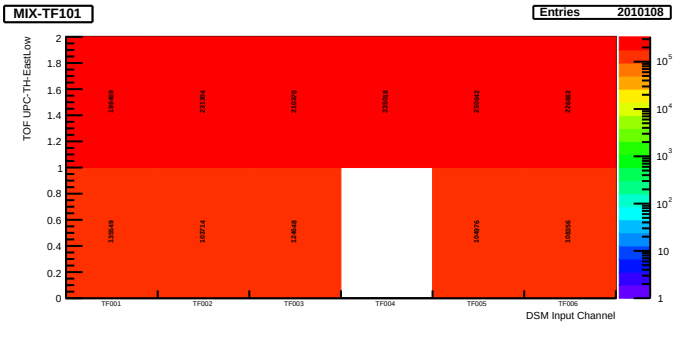

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

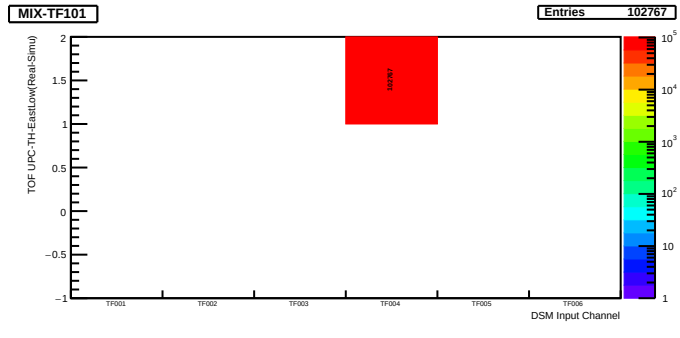

MIX-TF101
Entries 2010108
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

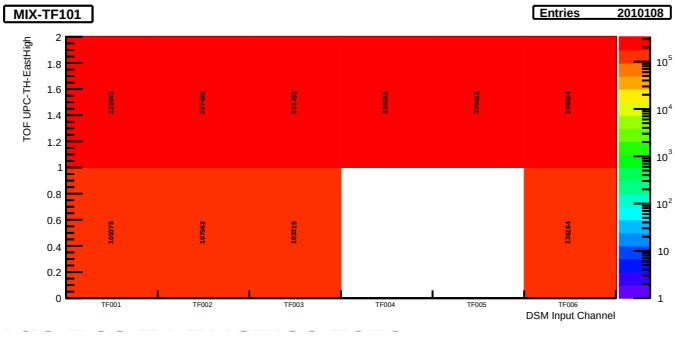

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

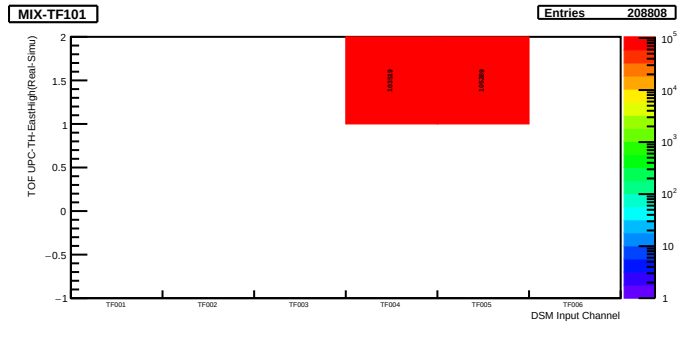

MIX-TF101
Entries 2010108
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

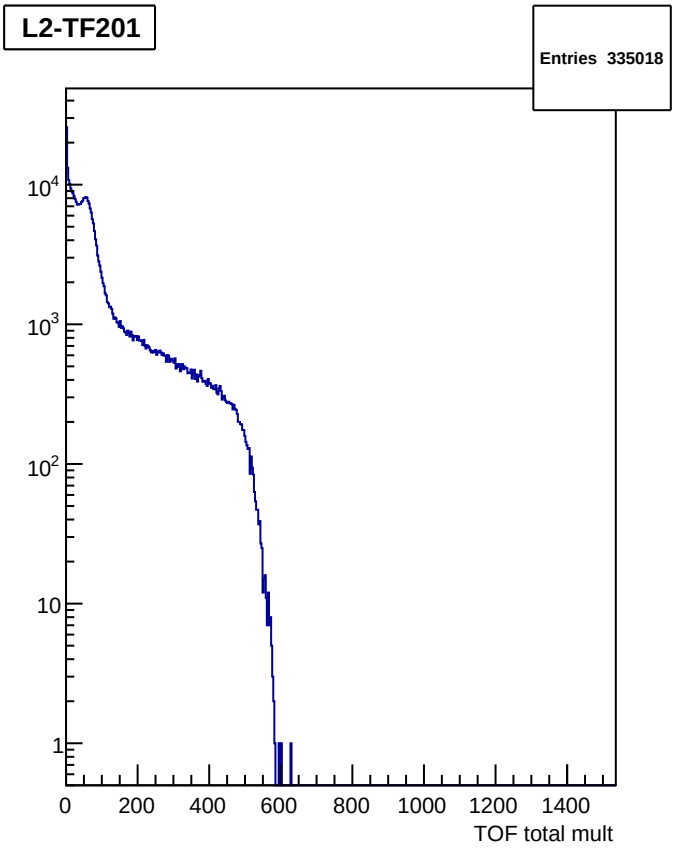

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

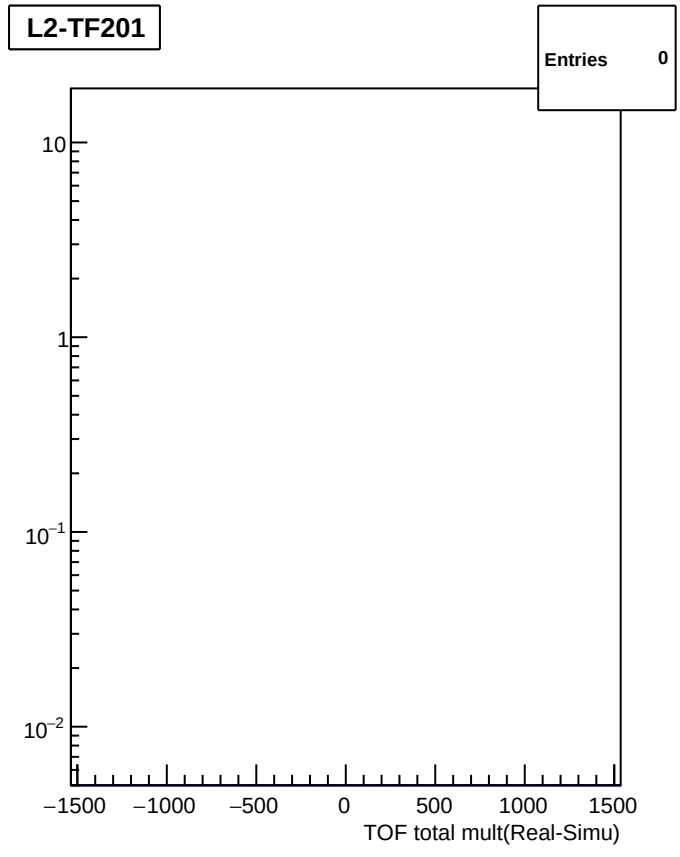

MIX-TF101
Entries 2010108
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

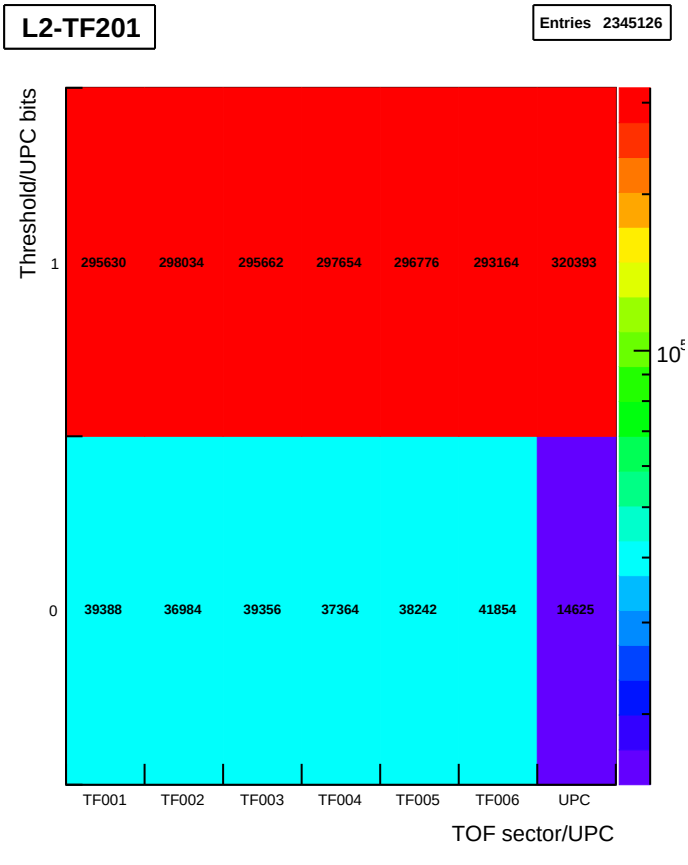

MIX-TF101
Entries 102767
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

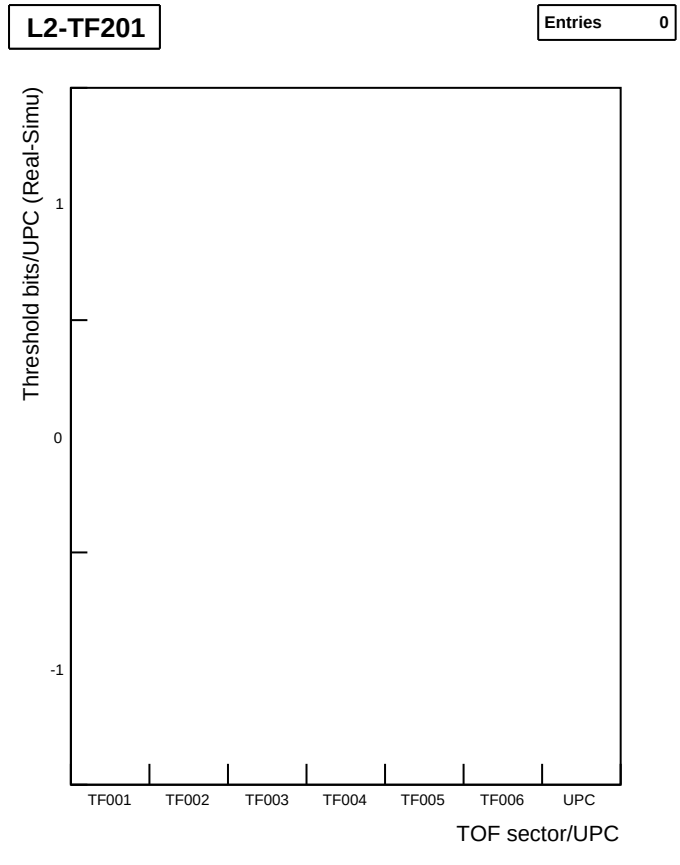

MIX-TF101
Entries 2010108
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

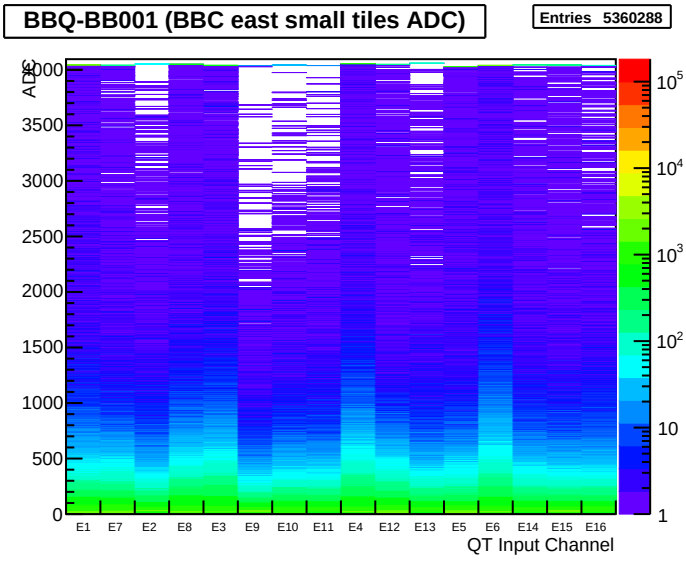

MIX-TF101
Entries 208808
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

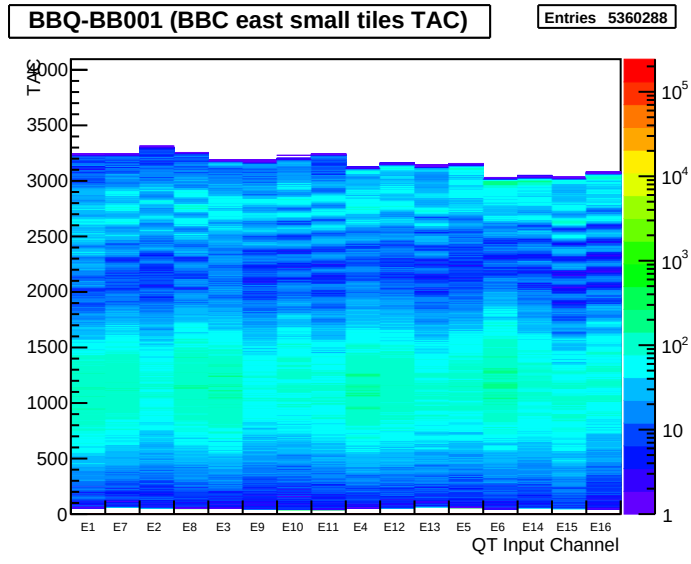

L2-TF201
Entries 335018
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

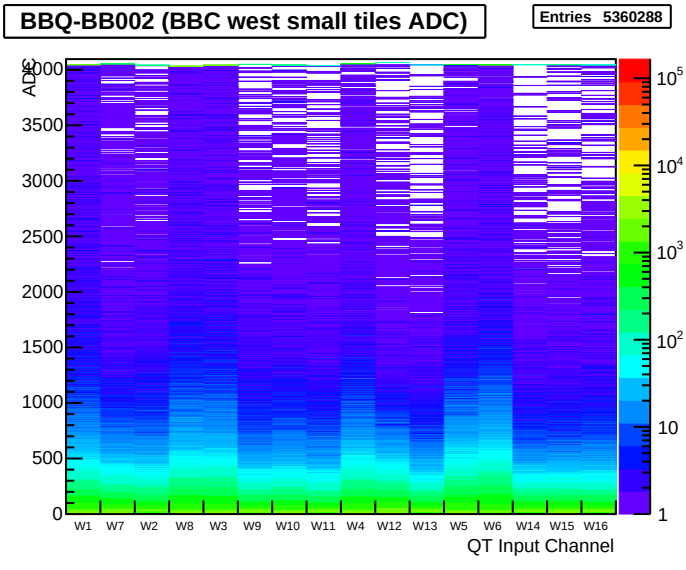

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

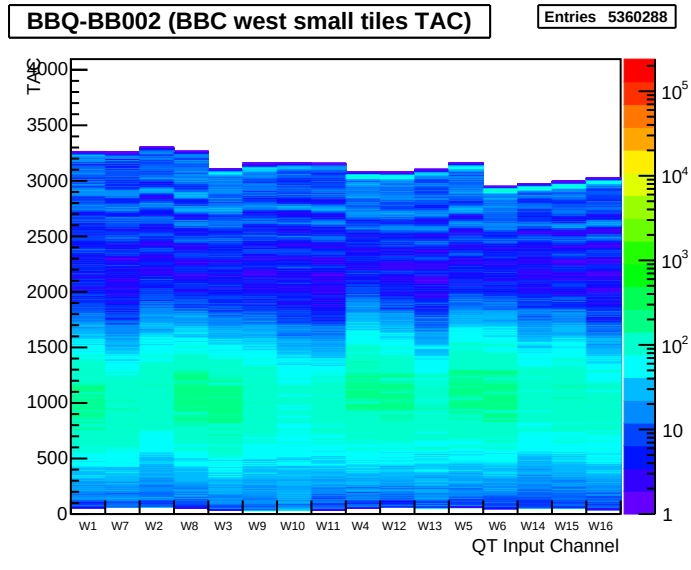

L2-TF201
Entries 2345126
Threshold/UPC bits
1
0
295630
298034
295662
297654
296776
293164
320393
39388
36984
39356
37364
38242
41854
14625
10^5
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

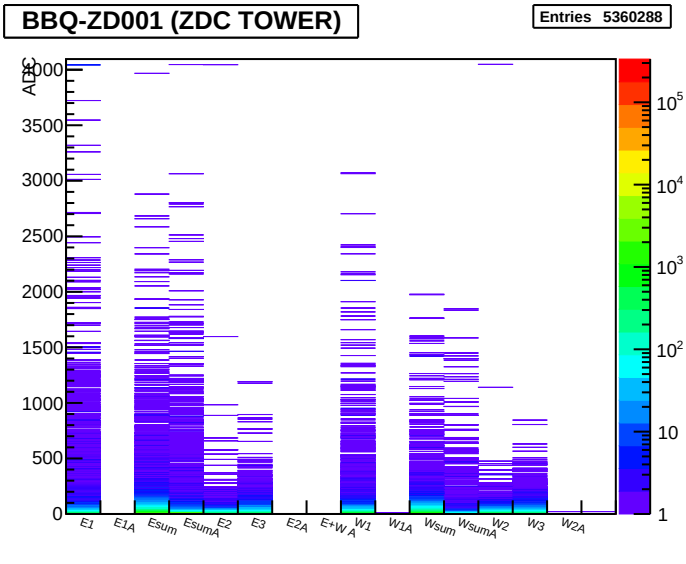

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

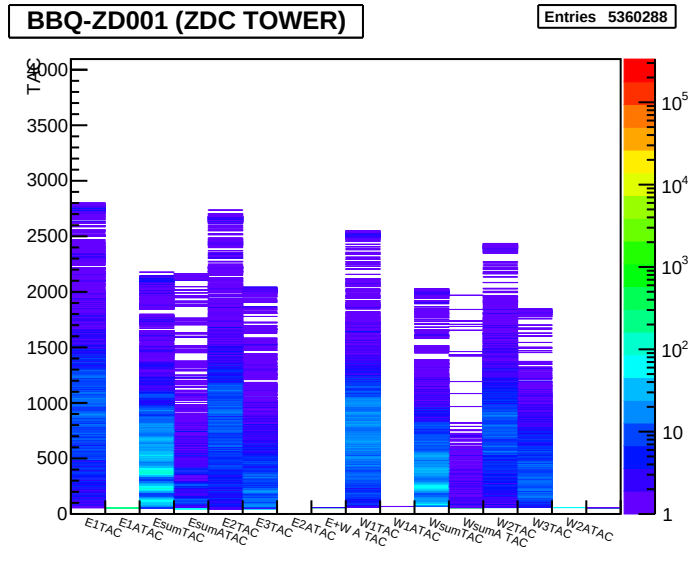

BBQ-BB001 (BBC east small tiles ADC)
Entries 5360288
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

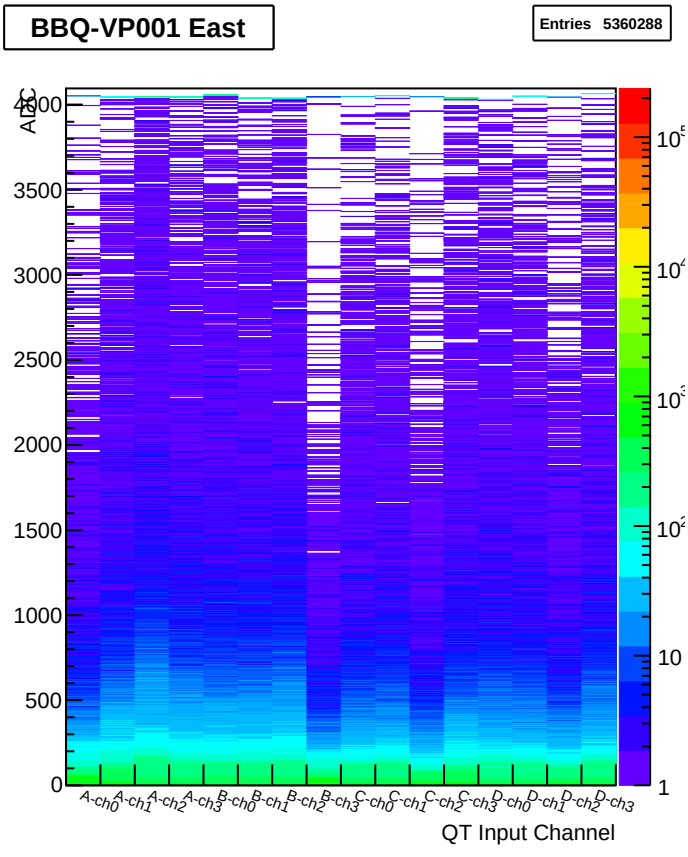

BBQ-BB001 (BBC east small tiles TAC)
Entries 5360288
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

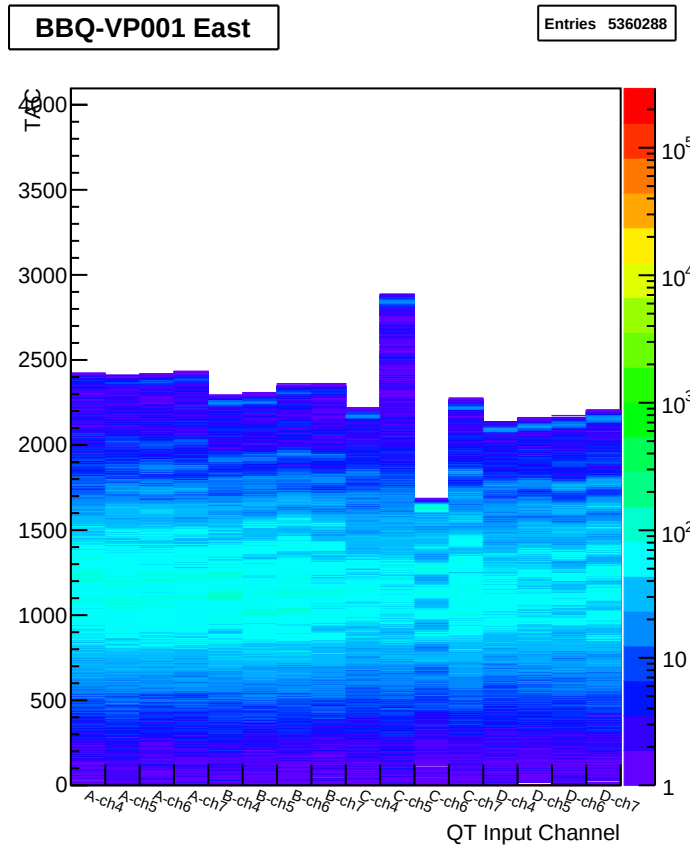

BBQ-BB002 (BBC west small tiles ADC)
Entries 5360288
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

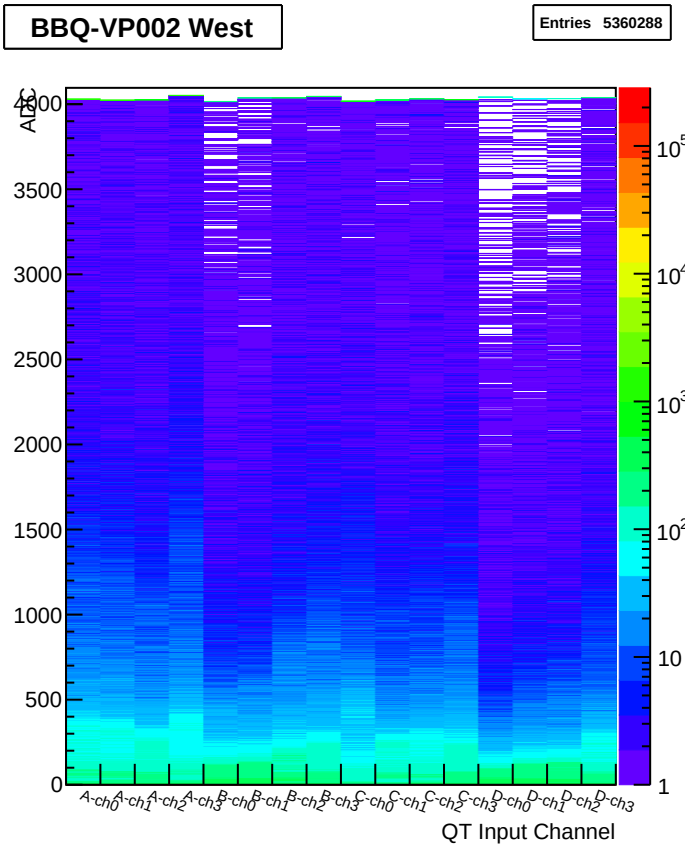

BBQ-BB002 (BBC west small tiles TAC)
Entries 5360288
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

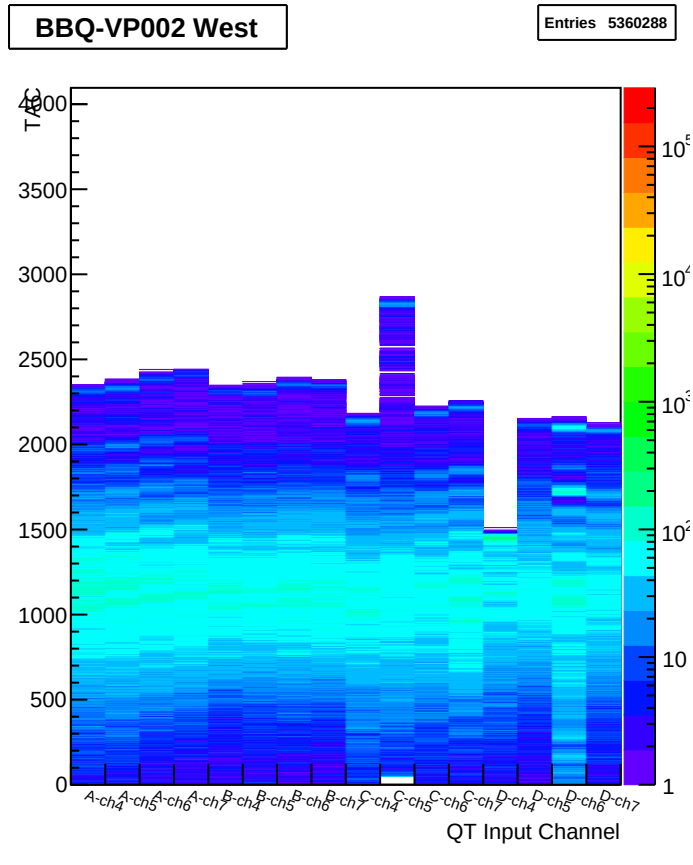

BBQ-ZD001 (ZDC TOWER)
Entries 5360288
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

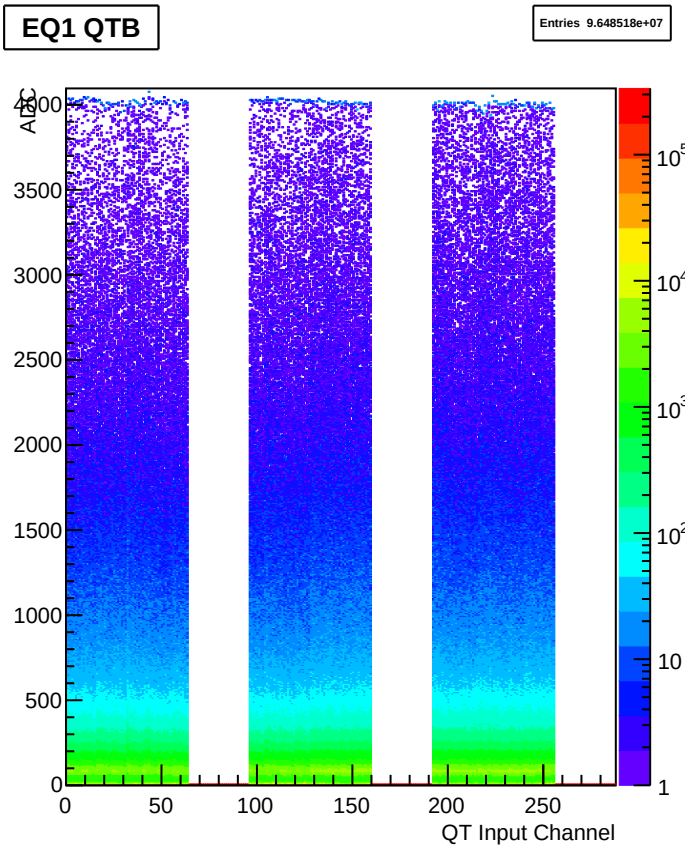

BBQ-ZD001 (ZDC TOWER)
Entries 5360288
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

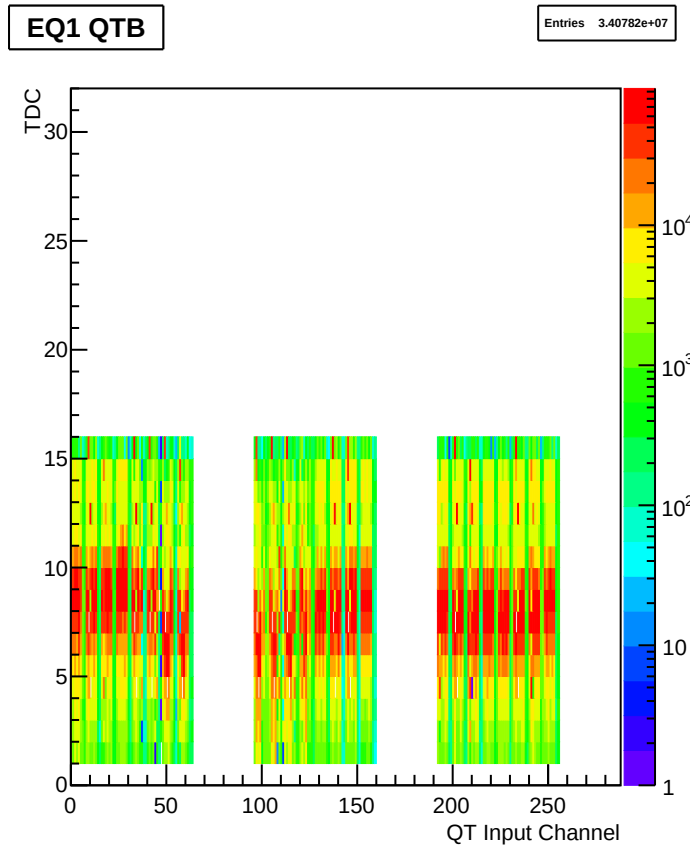

BBQ-VP001 East
Entries 5360288
ADC
QT Input Channel

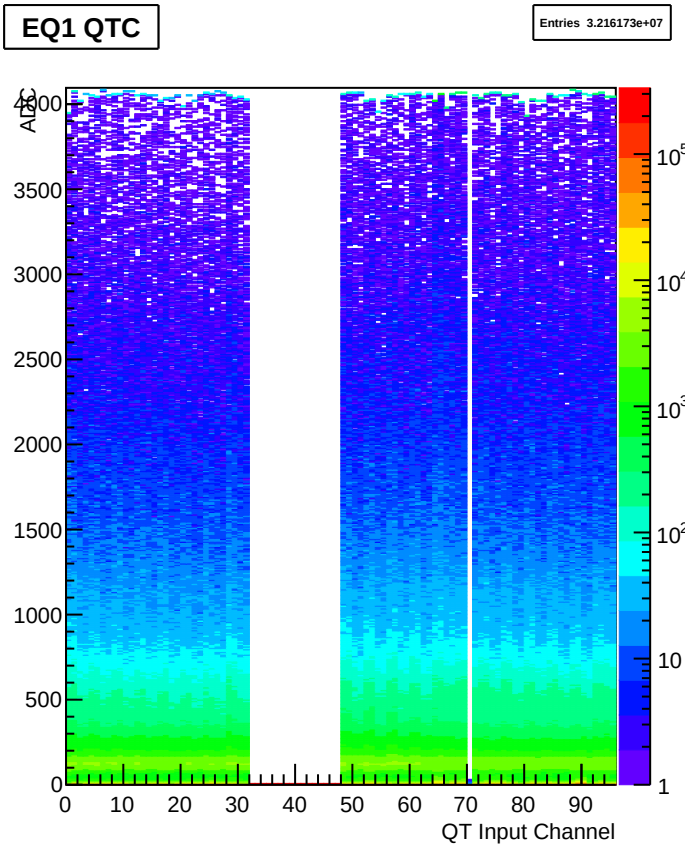

BBQ-VP001 East
Entries 5360288
TADC
QT Input Channel

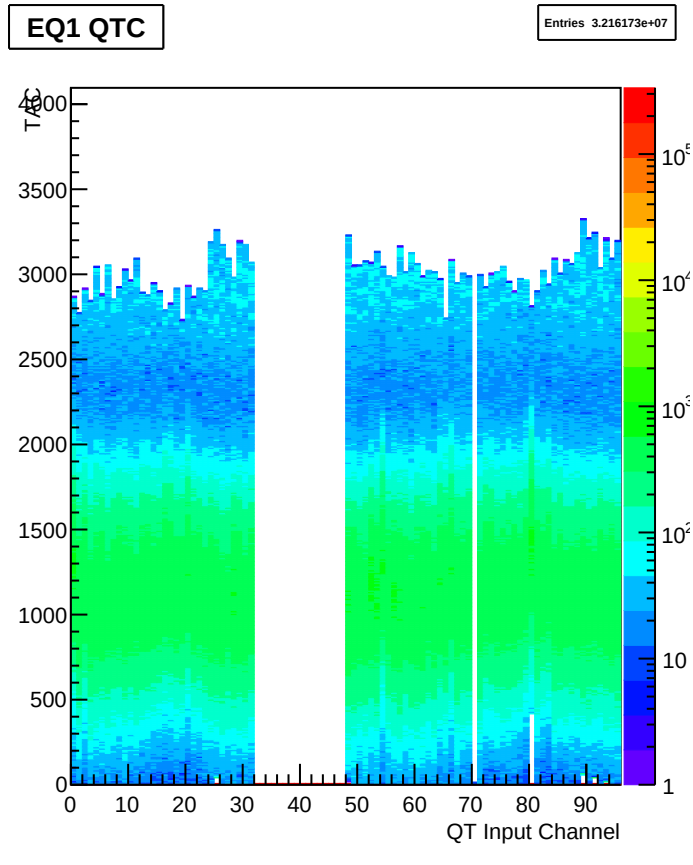

BBQ-VP002 West
Entries 5360288
ADC
QT Input Channel

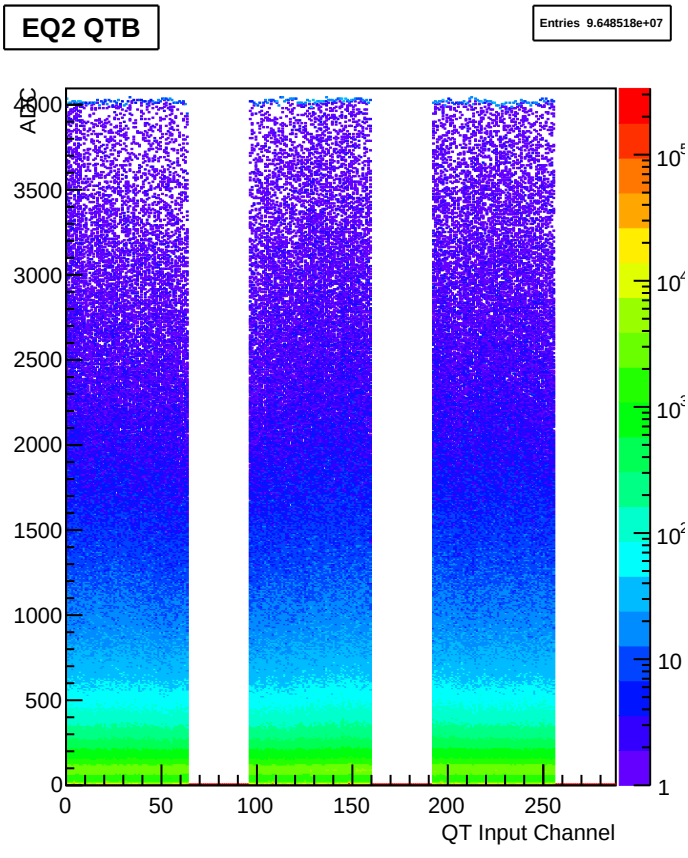

BBQ-VP002 West
Entries 5360288
TADC
QT Input Channel

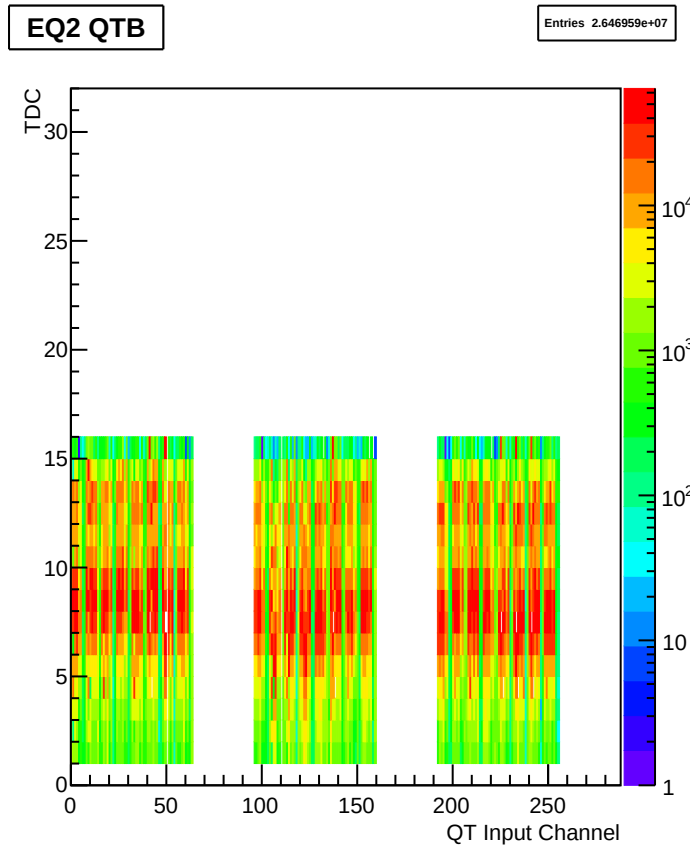

EQ1 QTB
Entries 9.648518e+07
ADC
QT Input Channel

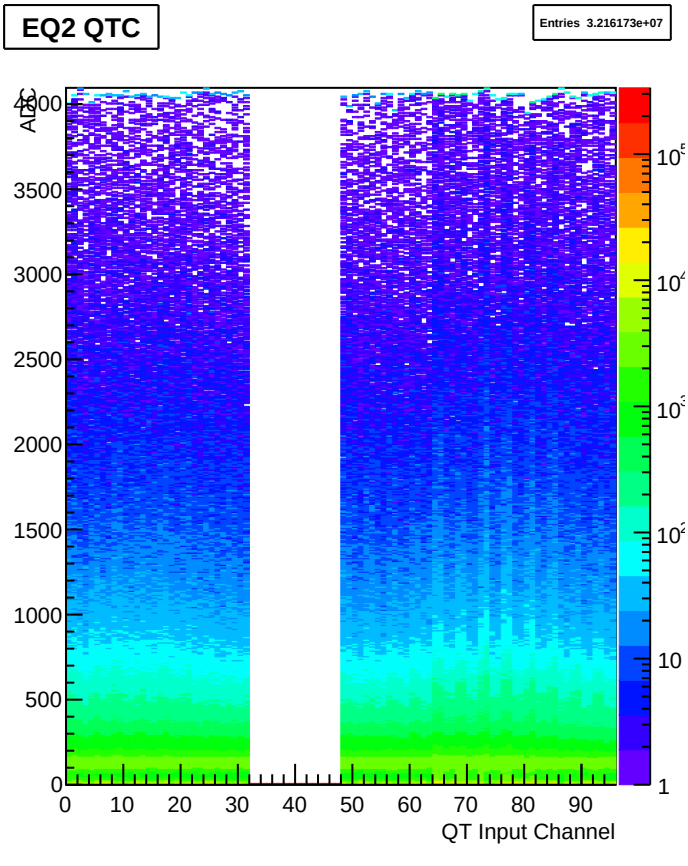

EQ1 QTB
Entries 3.40782e+07
TDC
QT Input Channel

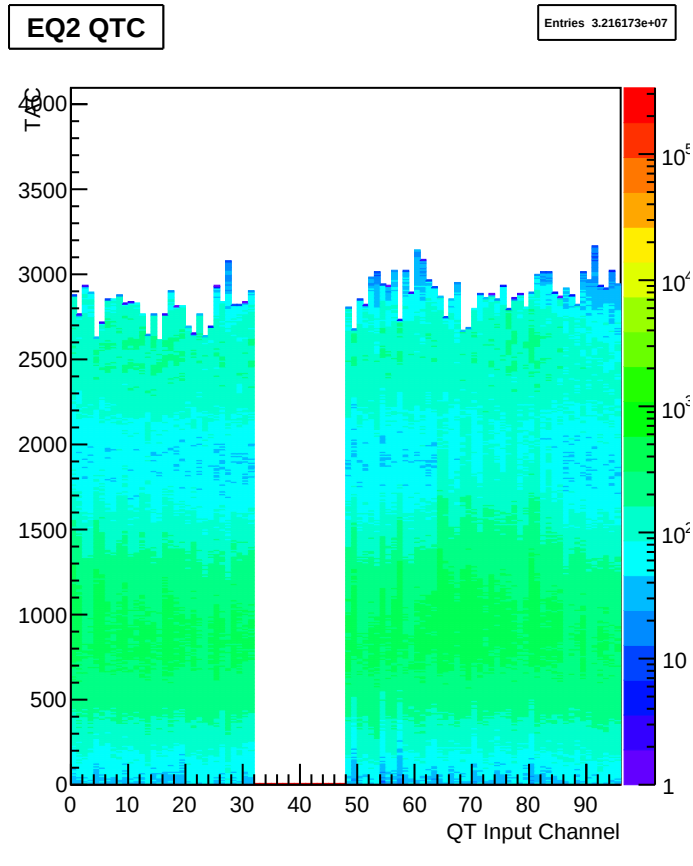

EQ1 QTC
Entries 3.216173e+07
ADC
QT Input Channel

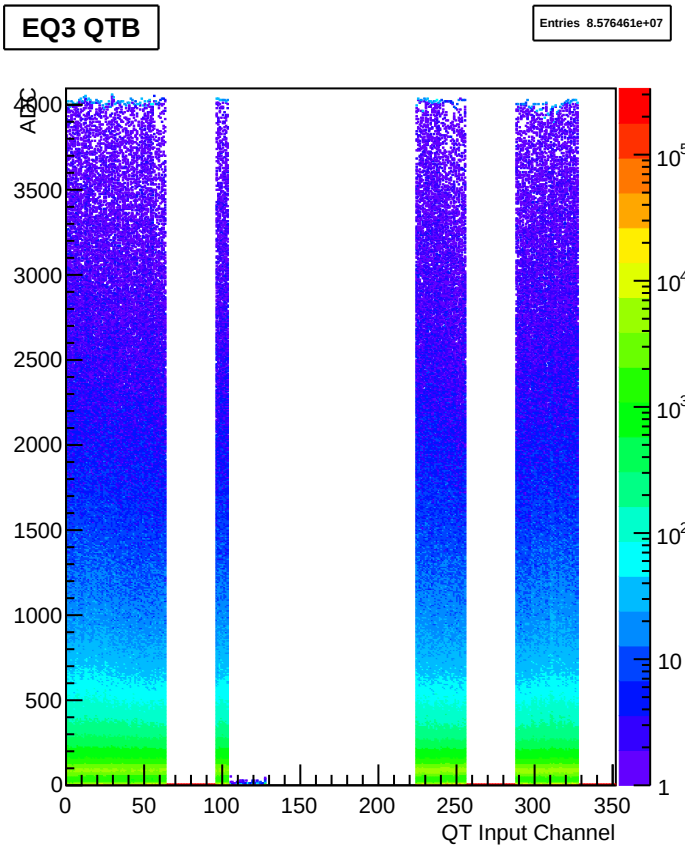

EQ1 QTC
Entries 3.216173e+07
TADC
QT Input Channel

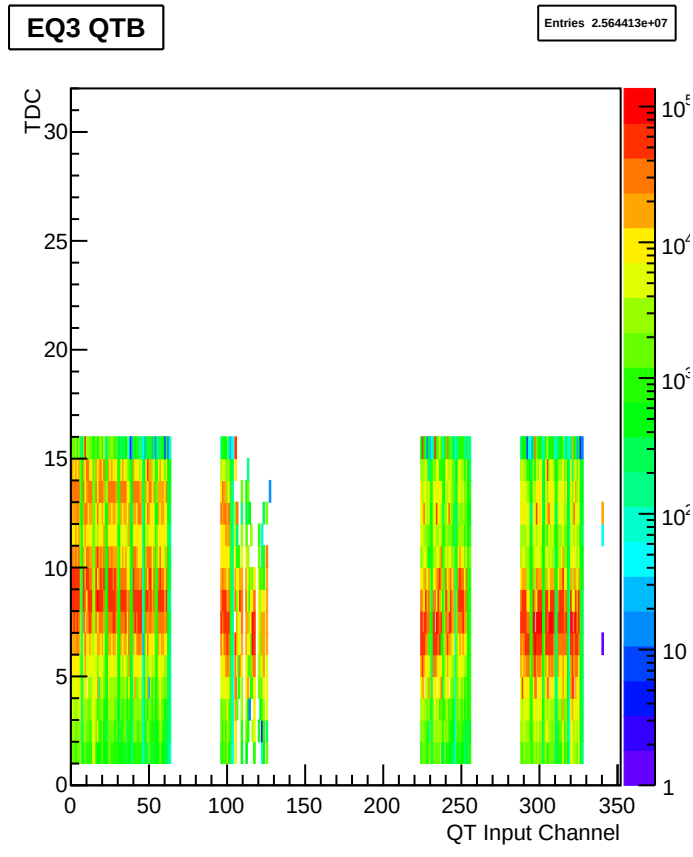

EQ2 QTB
Entries 9.648518e+07
ADC
QT Input Channel

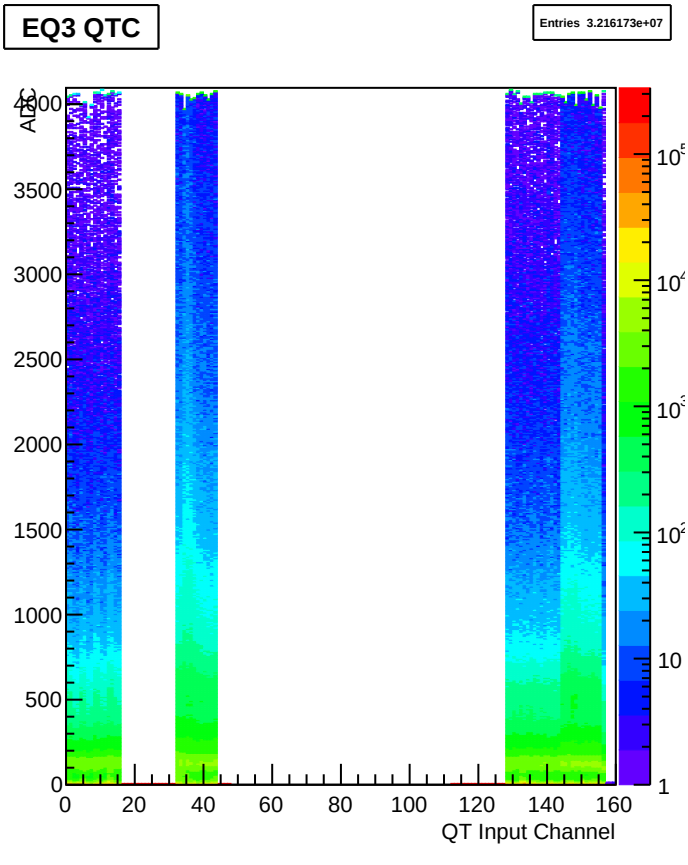

EQ2 QTB
Entries 2.646959e+07
TDC
QT Input Channel

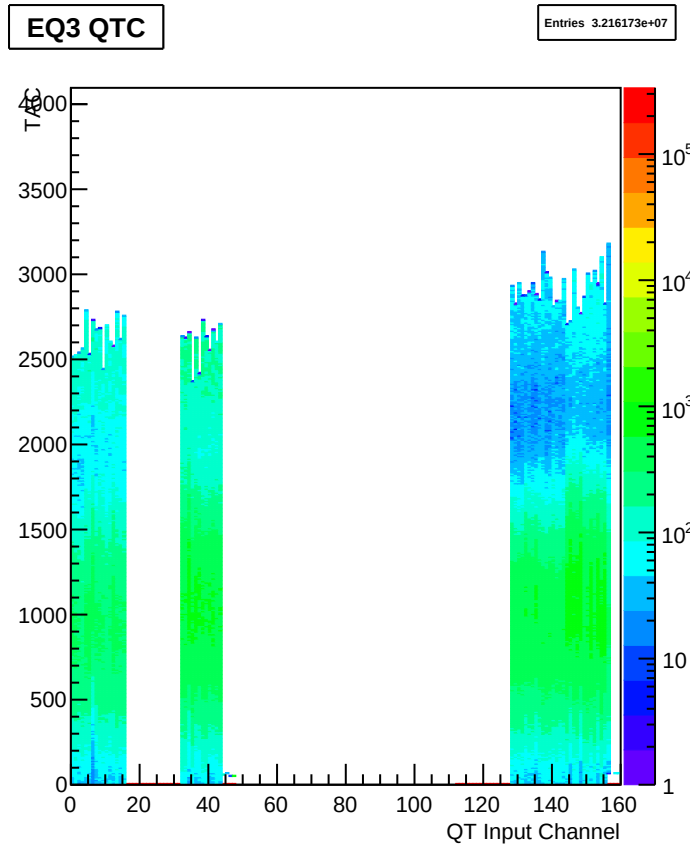

EQ2 QTC
Entries 3.216173e+07
ADC
QT Input Channel

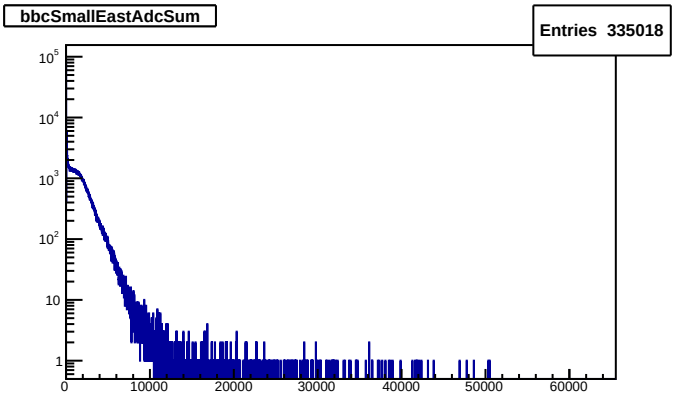

EQ2 QTC
Entries 3.216173e+07
TADC
QT Input Channel

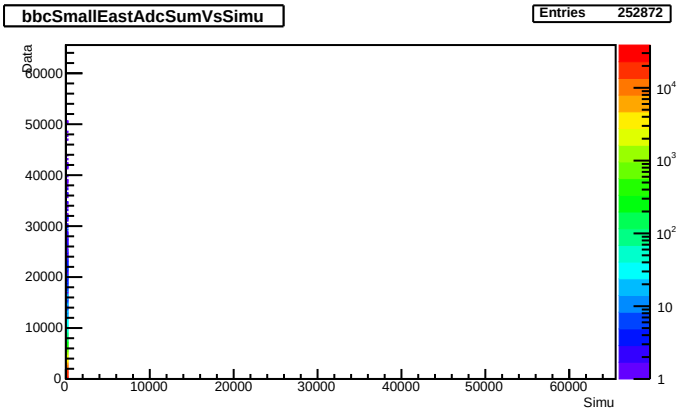

EQ3 QTB
Entries 8.576461e+07
ADC
QT Input Channel

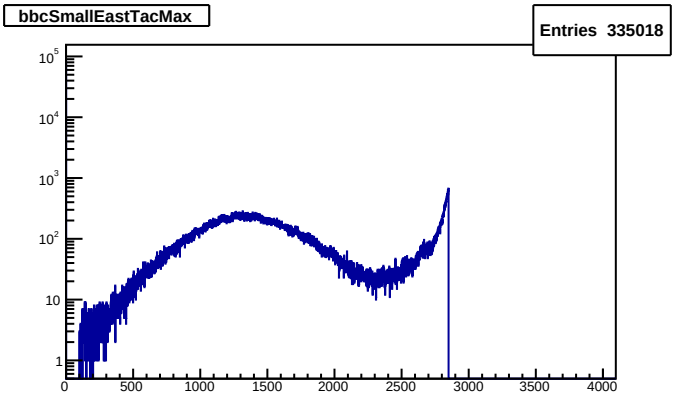

EQ3 QTB
Entries 2.564413e+07
TDC
QT Input Channel

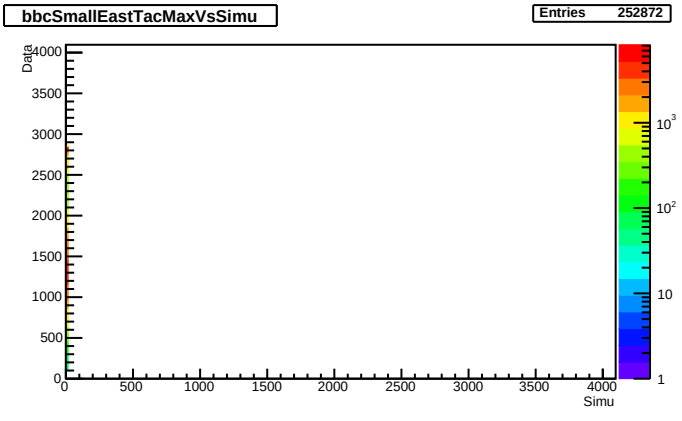

EQ3 QTC
Entries 3.216173e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.216173e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 335018


bbcSmallEastAdcSumVsSimu
Entries 252872
Data
Simu


bbcSmallEastTacMax
Entries 335018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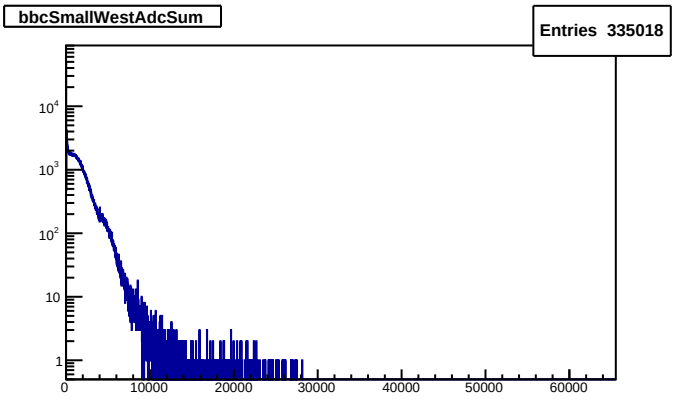
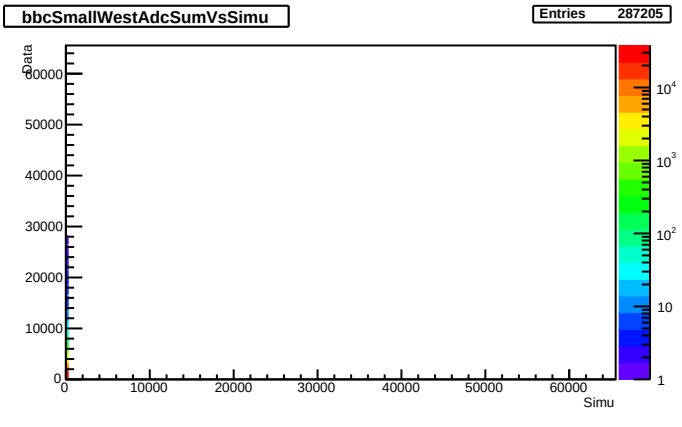
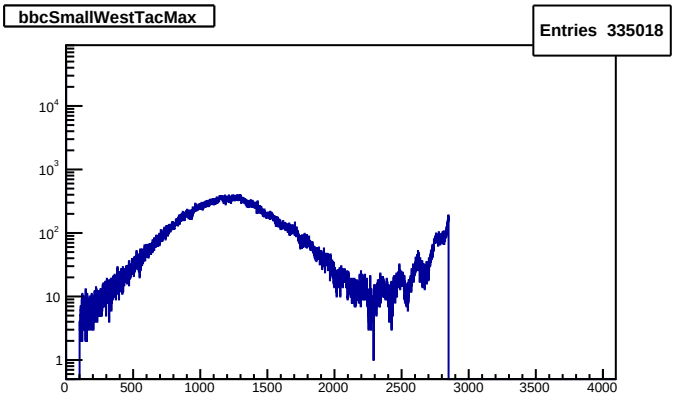
Entries 252872
Data
Simu


bbcSmallWestAdcSum
Entries 335018


bbcSmallWestAdcSumVsSimu
Entries 287205
Data
Simu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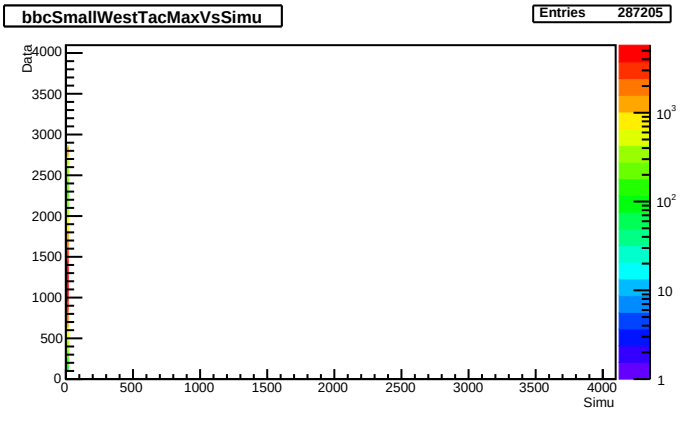
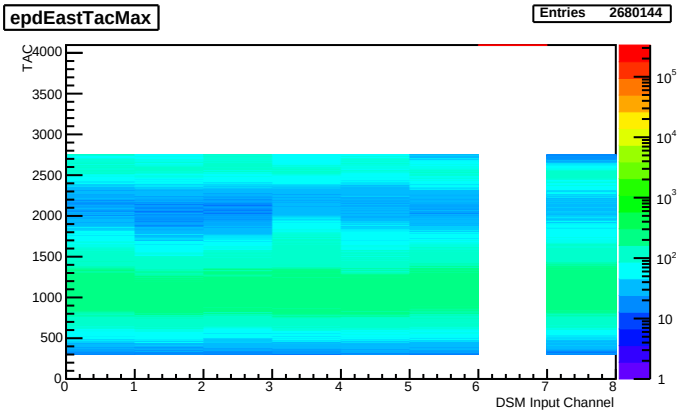
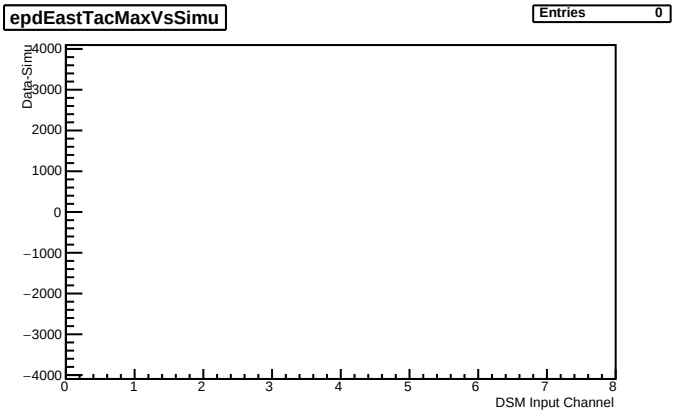
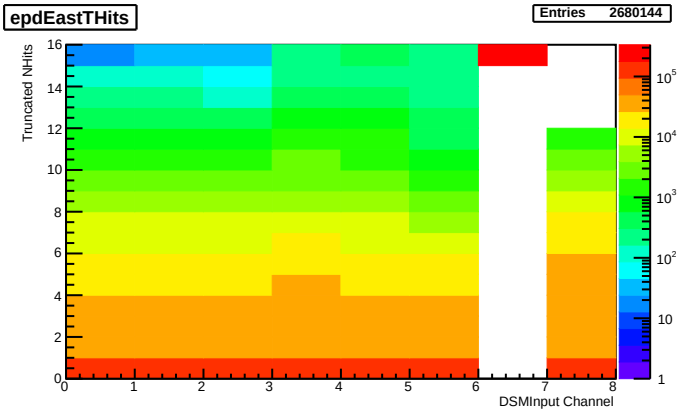
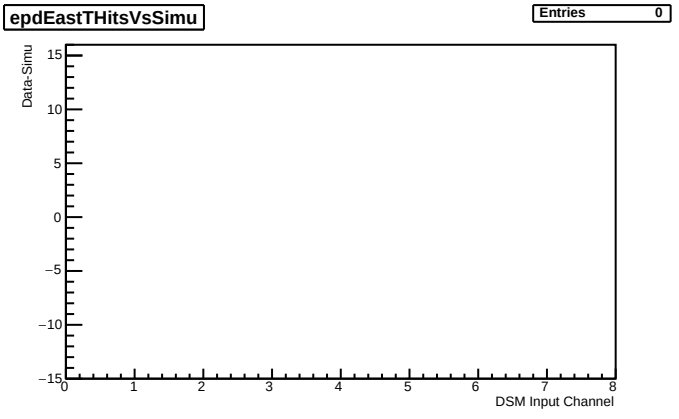
Entries 335018


bbcSmallWestTacMaxVsSimu
Entries 287205
Data
Simu


epdEastTacMax
Entries 2680144
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2680144
Truncated NHits
DSMInput Channel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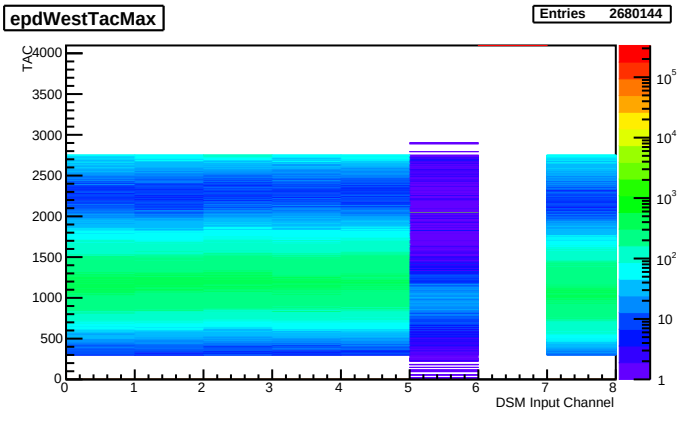
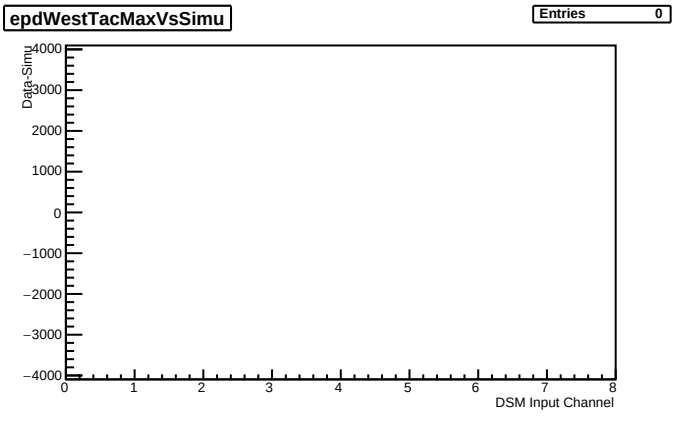
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2680144
TAC
DSM Input Channel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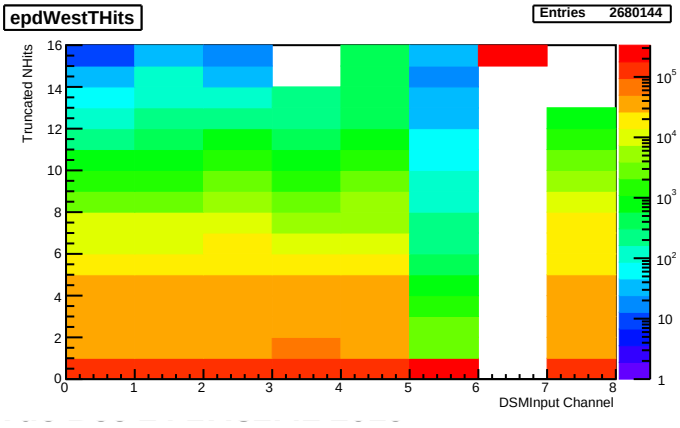
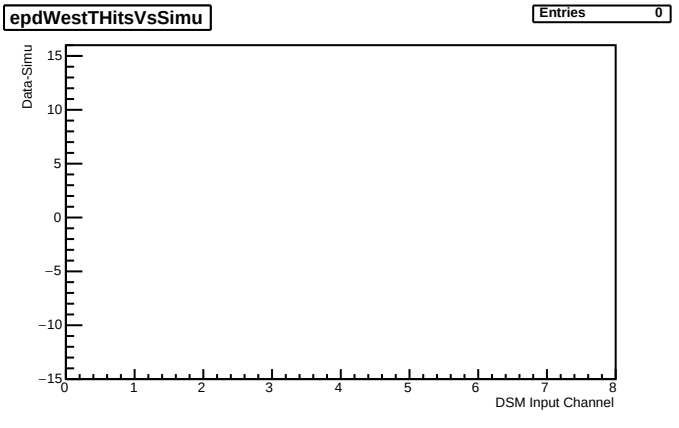
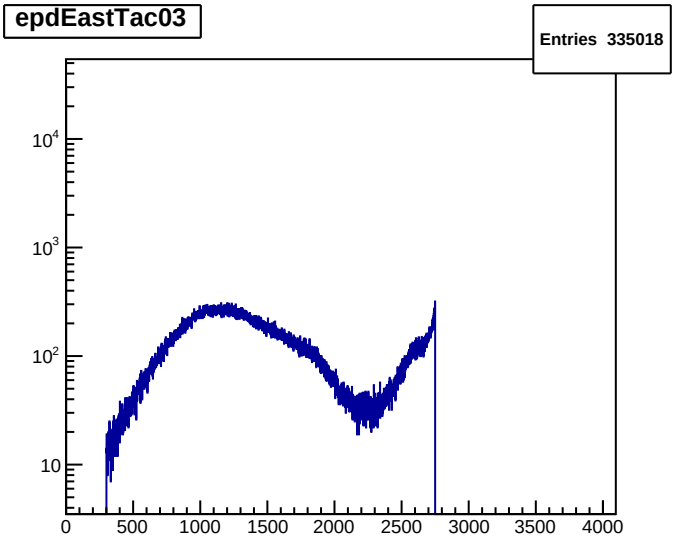
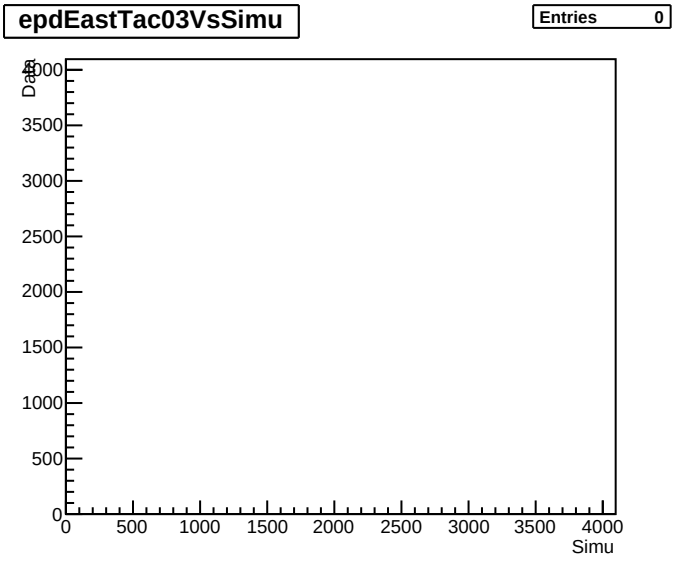
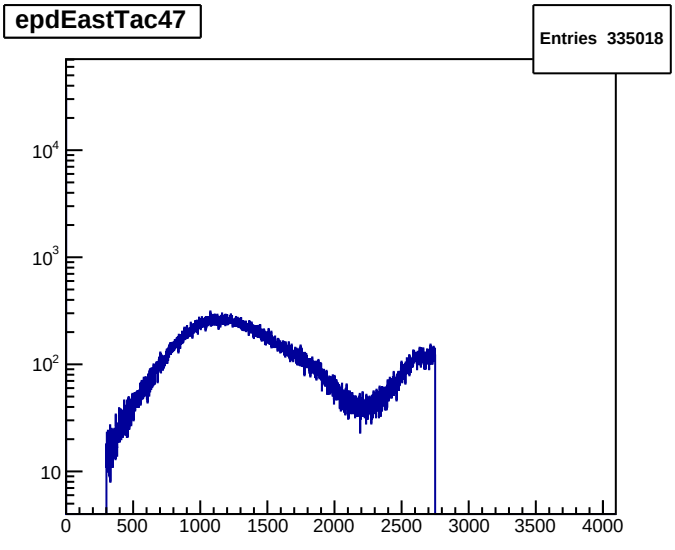
Entries 0
Data-Simu
DSM Input Channel

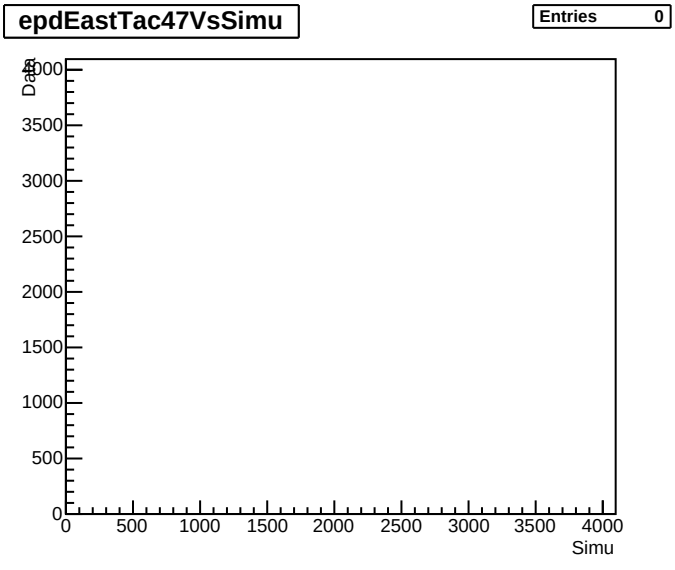

epdWestTHits
Entries 2680144
Truncated NHits
DSMInput Channel

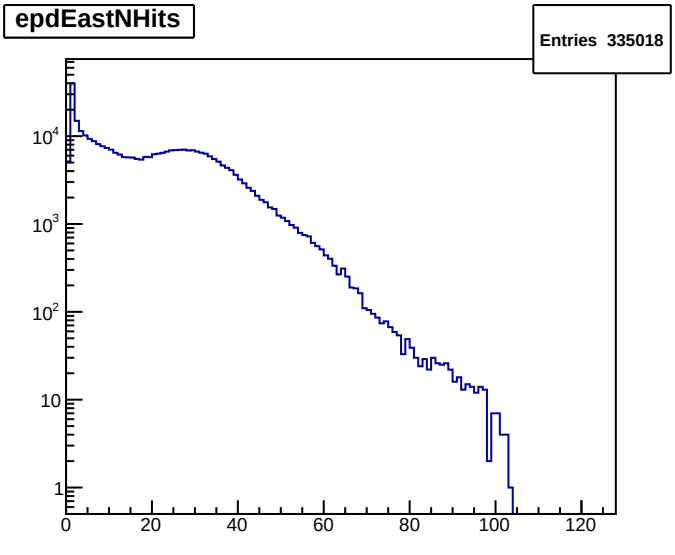

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

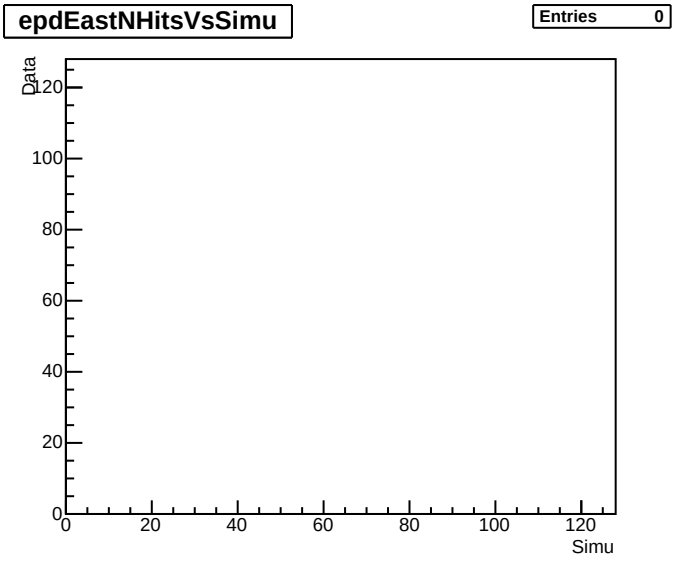

epdEastTac03
Entries 335018


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 335018


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 335018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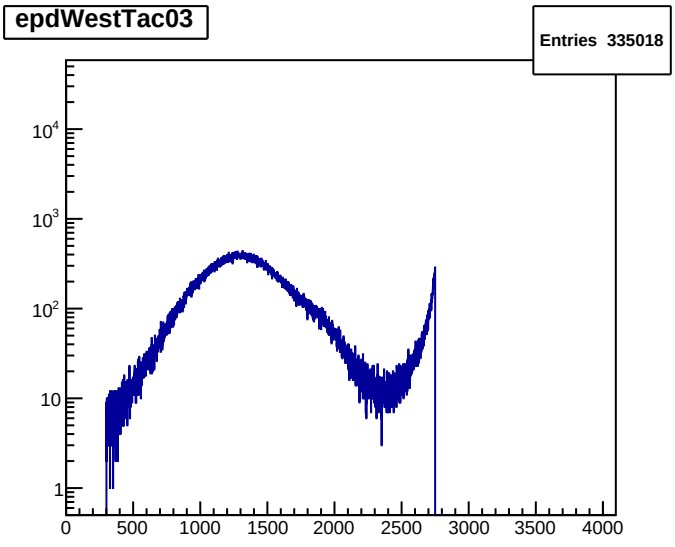
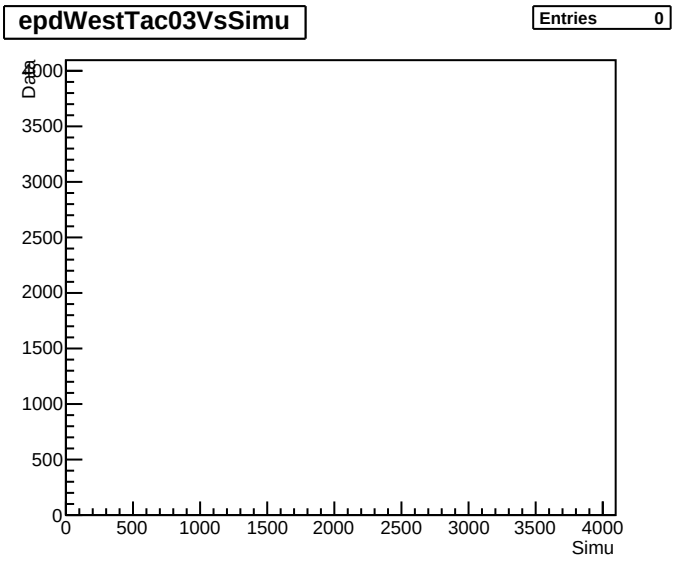
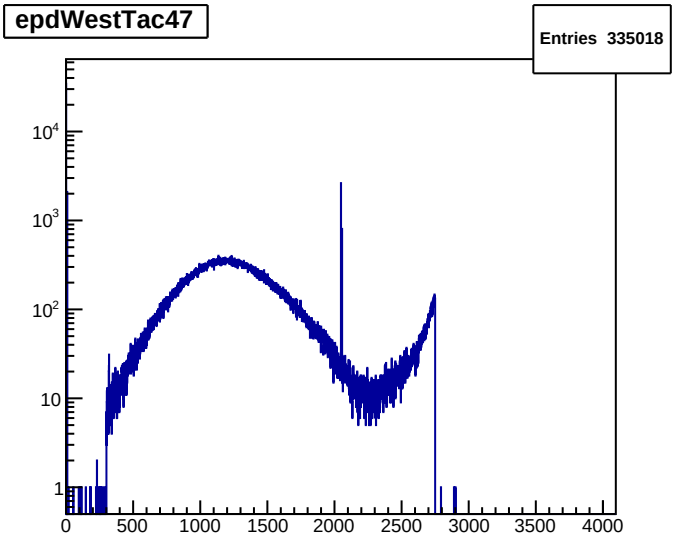
Entries 0
Data
Simu


epdWestTac03
Entries 335018


epdWestTac03VsSimu
Entries 0
Data
Simu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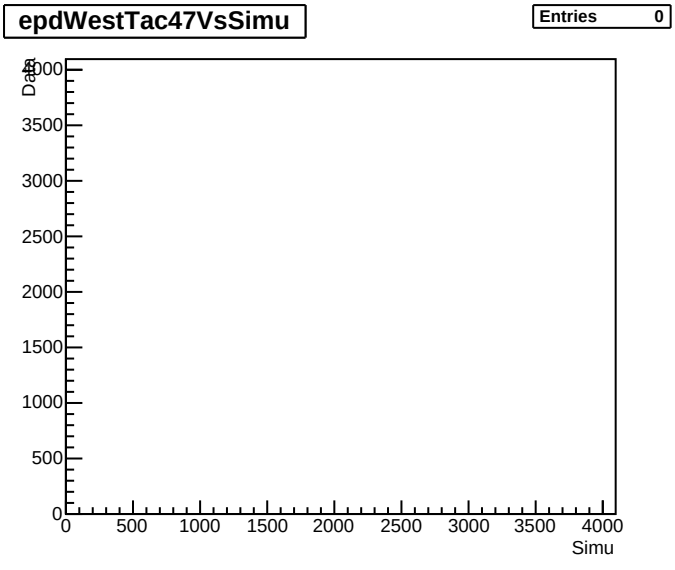
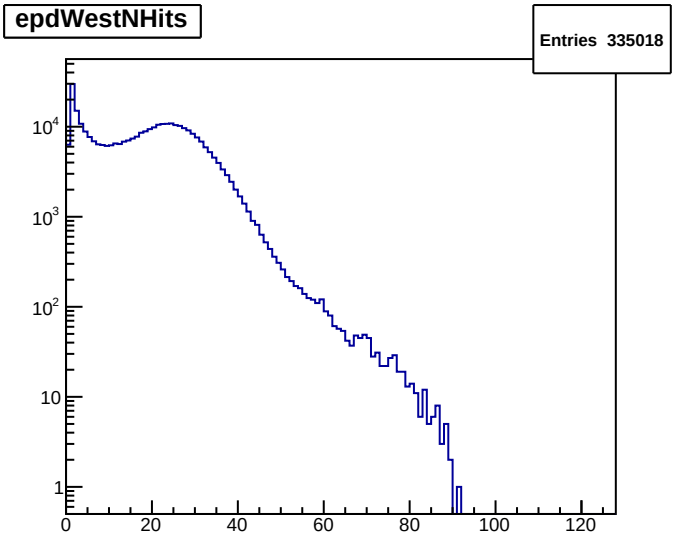
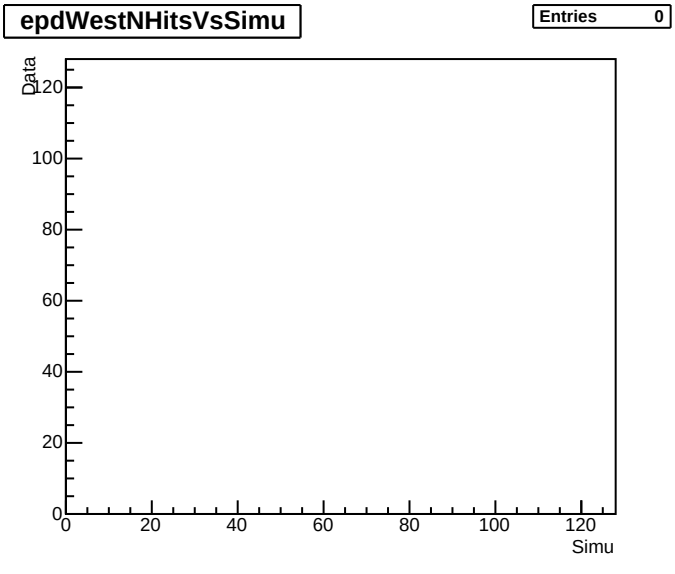
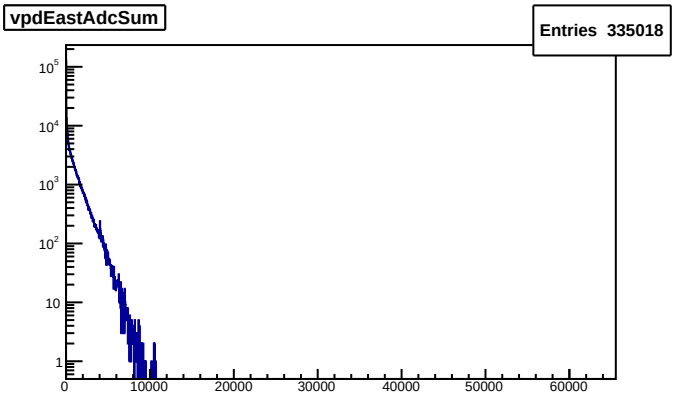
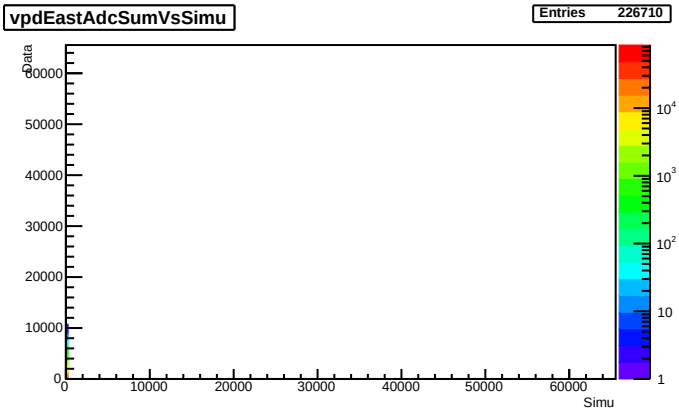
Entries 335018

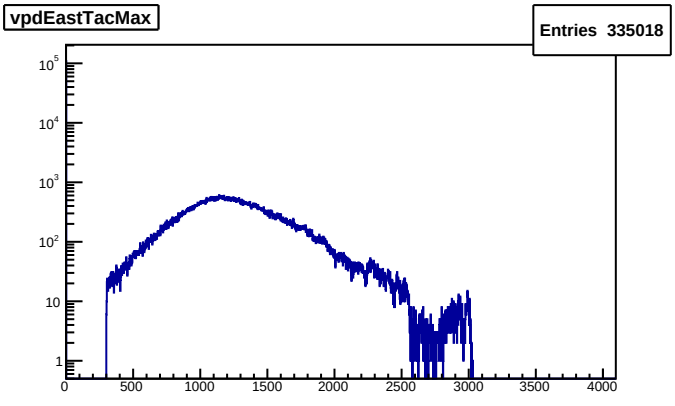

epdWestTac47VsSimu
Entries 0
Data
Simu

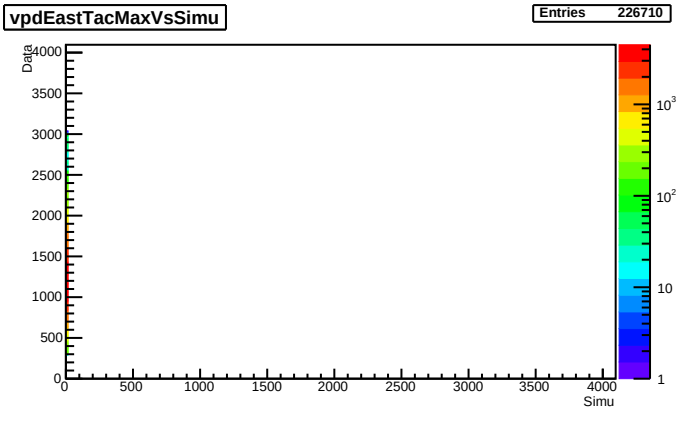

epdWestNHits
Entries 335018

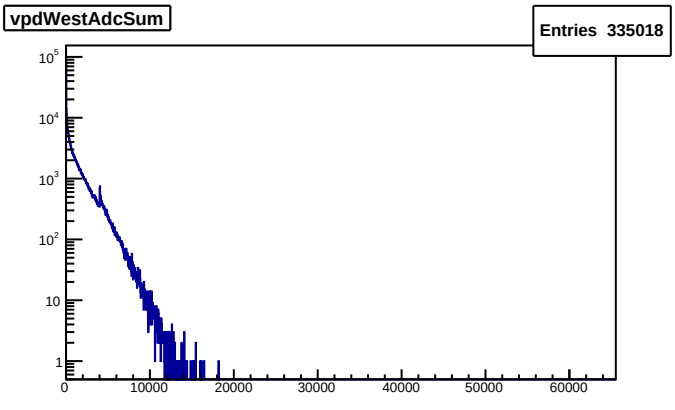

epdWestNHitsVsSimu
Entries 0
Data
Simu

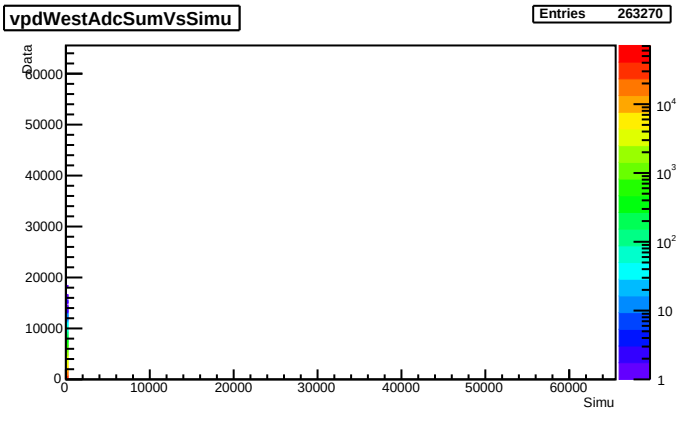

vpdEastAdcSum
Entries 335018

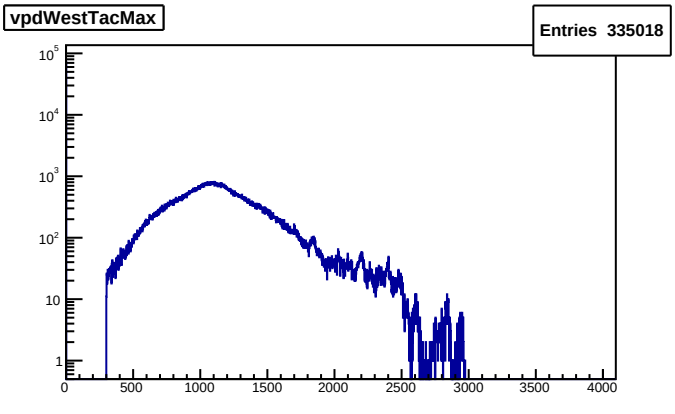

vpdEastAdcSumVsSimu
Entries 226710
Data
Simu

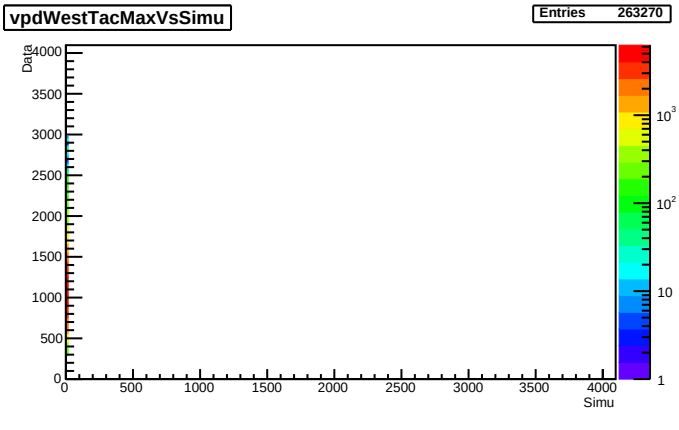

vpdEastTacMax
Entries 335018

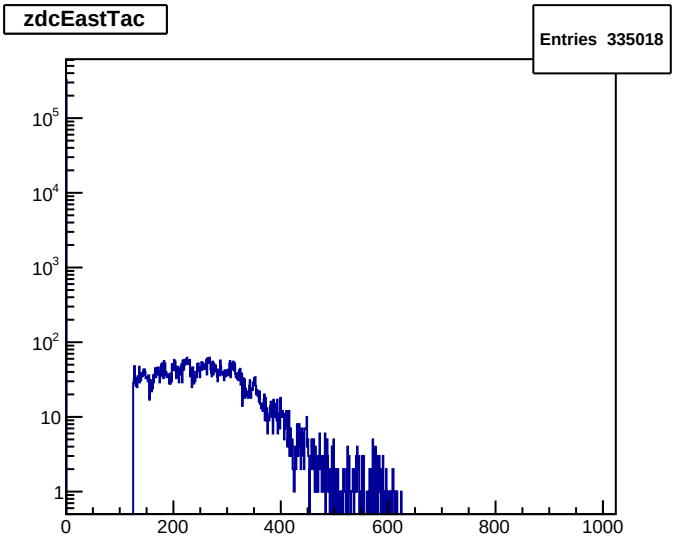

vpdEastTacMaxVsSimu
Entries 226710
Data
Simu

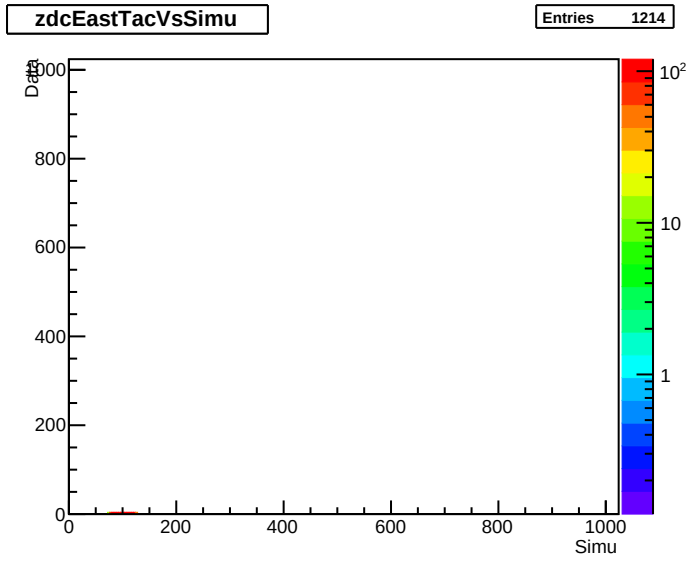

vpdWestAdcSum
Entries 335018

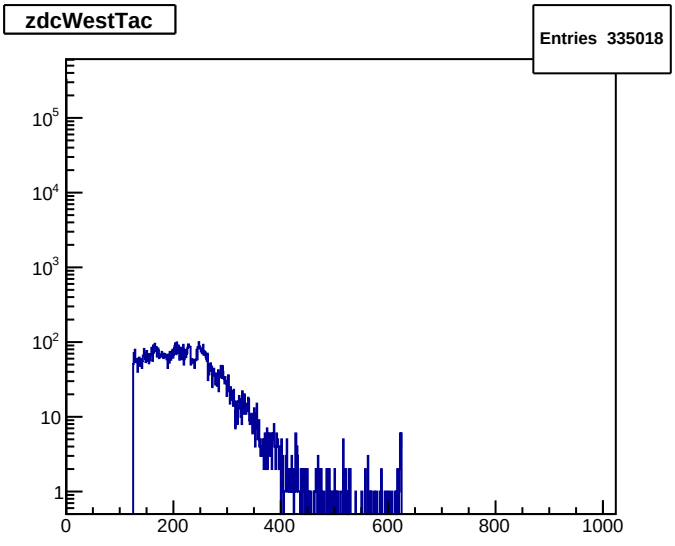

vpdWestAdcSumVsSimu
Entries 263270
Data
Simu

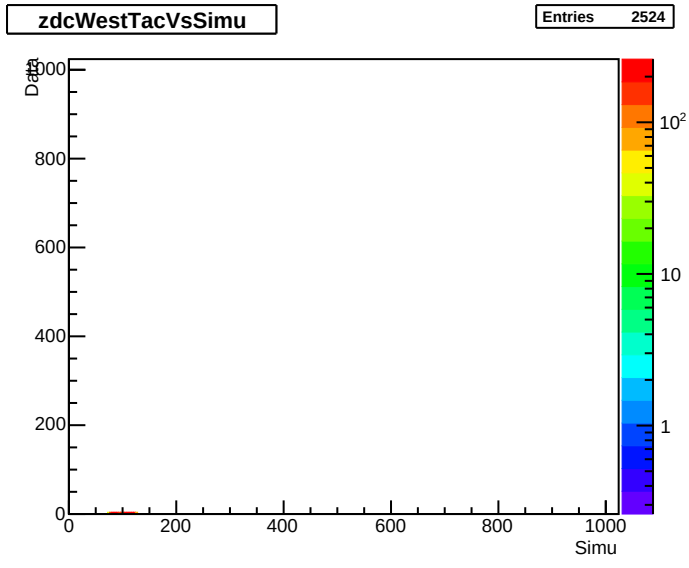

vpdWestTacMax
Entries 335018

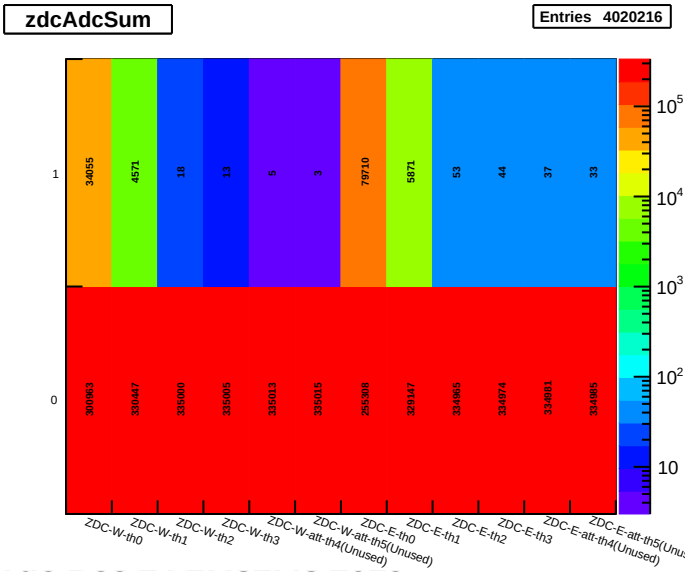

vpdWestTacMaxVsSimu
Entries 263270
Data
Simu

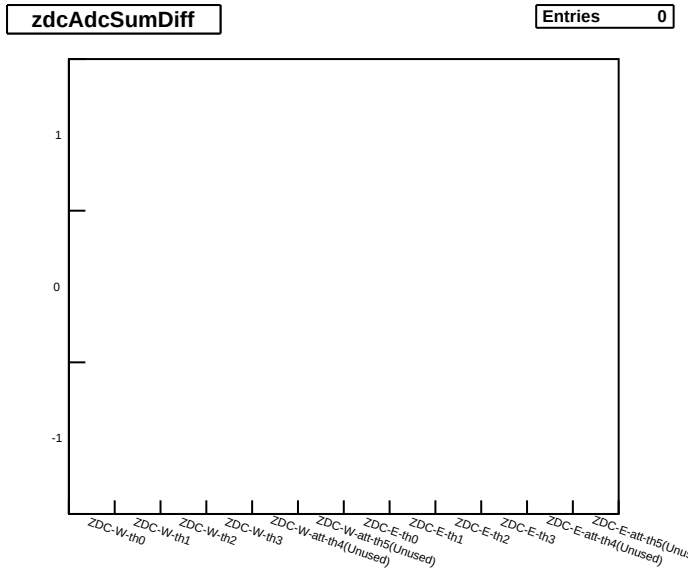

zdcEastTac
Entries 335018

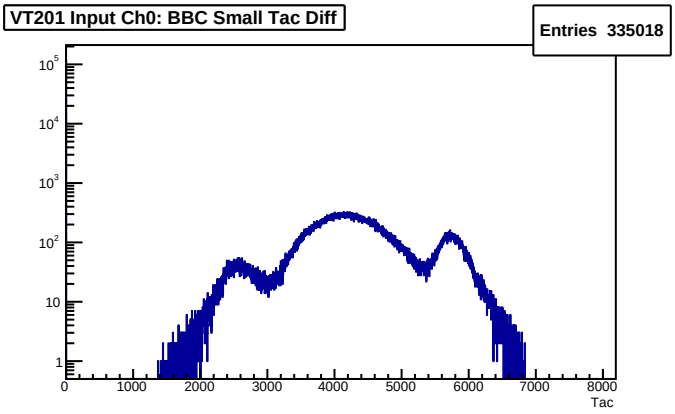

zdcEastTacVsSimu
Entries 1214
Data
Simu

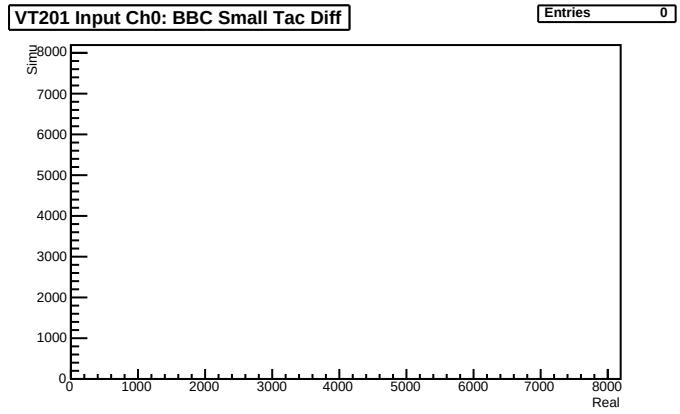

zdcWestTac
Entries 335018

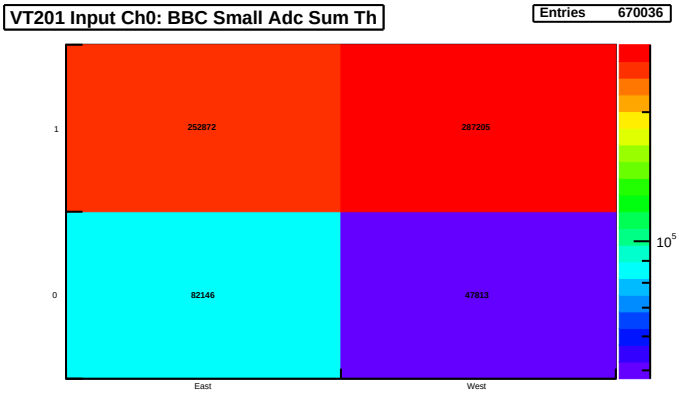

zdcWestTacVsSimu
Entries 2524
Data
Simu

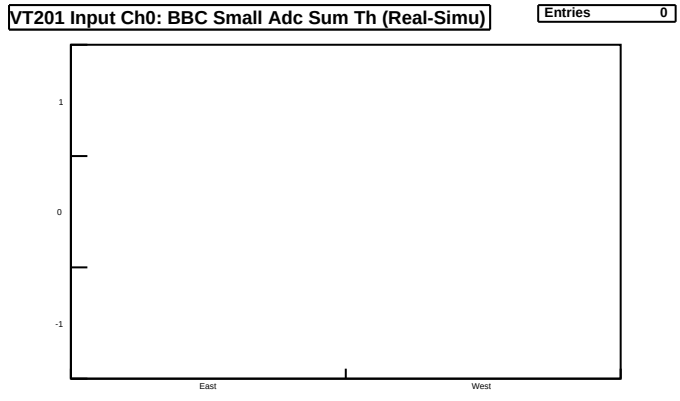

zdcAdcSum
Entries 4020216
34055
4571
18
13
5
3
79710
5871
53
44
37
33
300863
330447
335000
335005
335013
335015
255308
329147
334965
334974
334981
334985
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

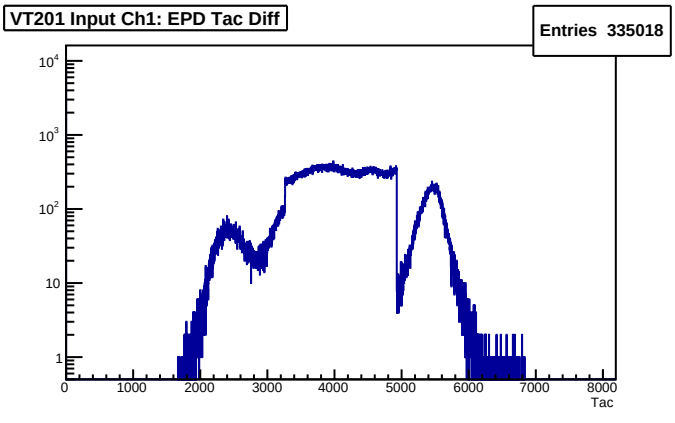

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

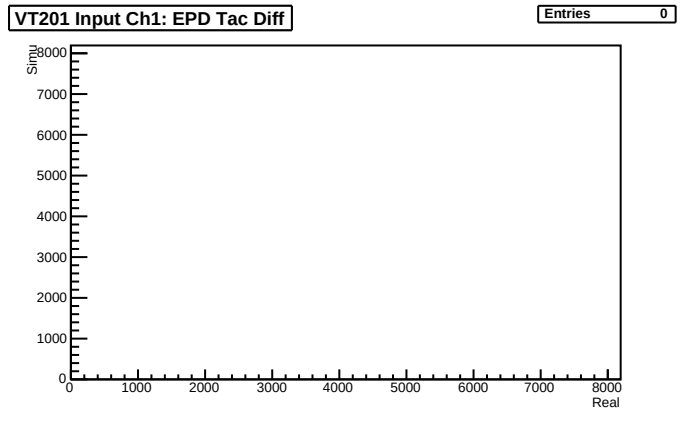

VT201 Input Ch0: BBC Small Tac Diff
Entries 335018
Tac

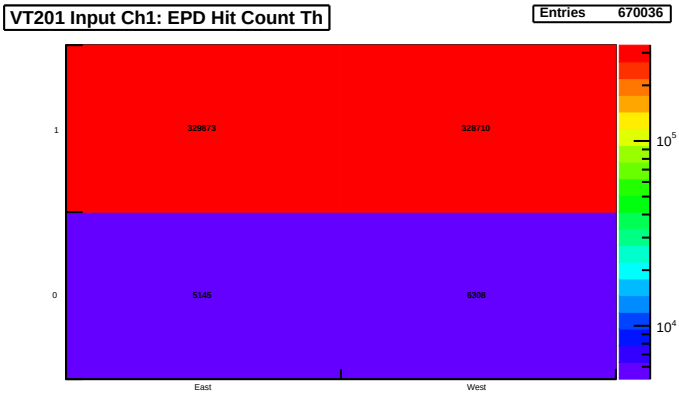

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

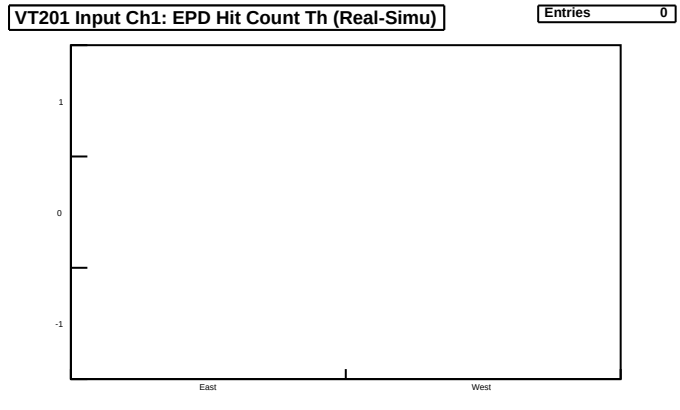

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 670036
252872
287205
82146
47813
East
West

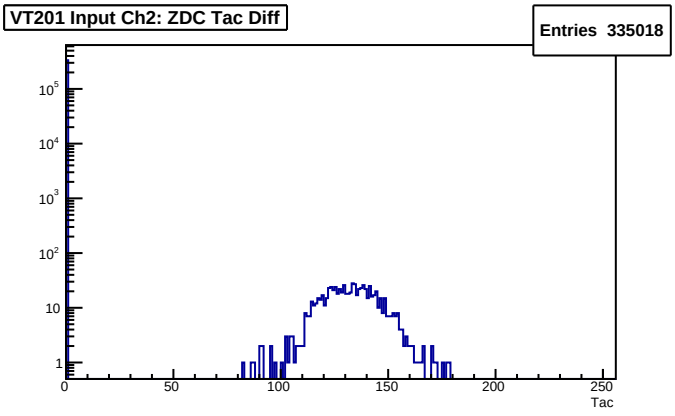

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

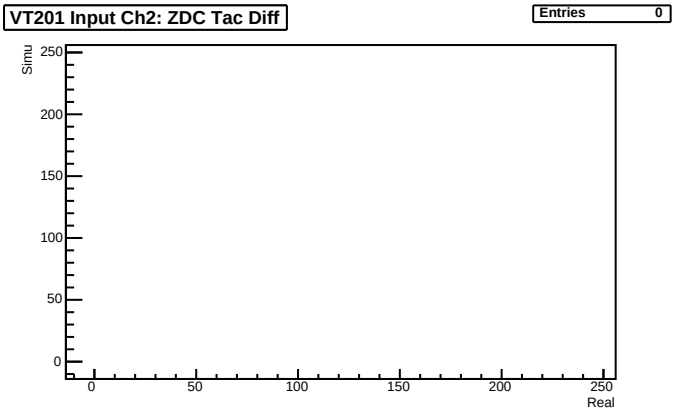

VT201 Input Ch1: EPD Tac Diff
Entries 335018
Tac

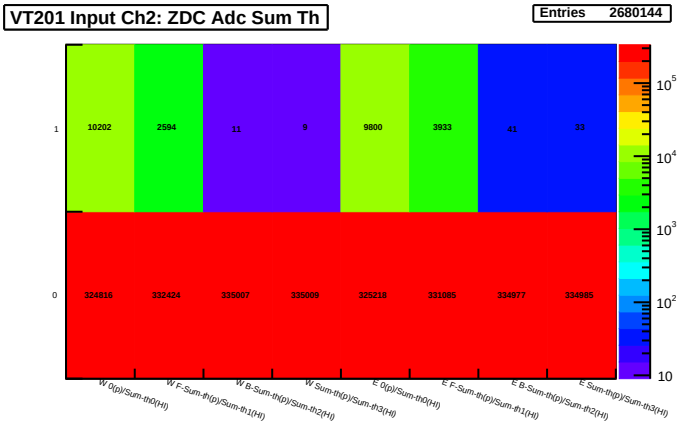

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

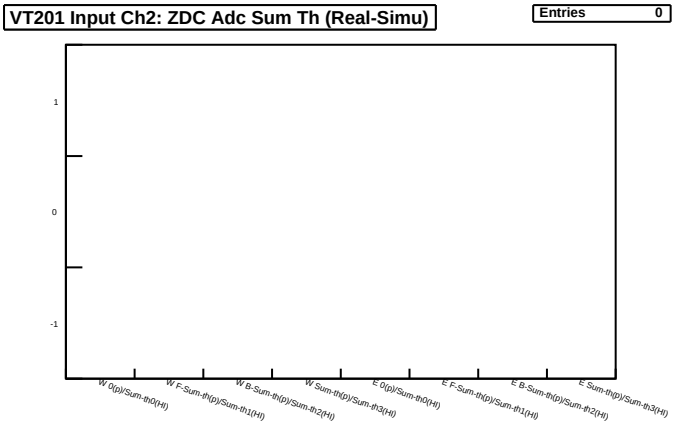

VT201 Input Ch1: EPD Hit Count Th
Entries 670036
329873
328710
5145
6308
East
West

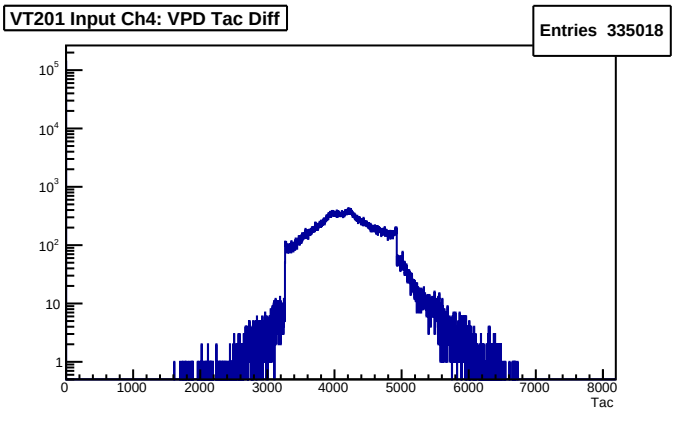

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

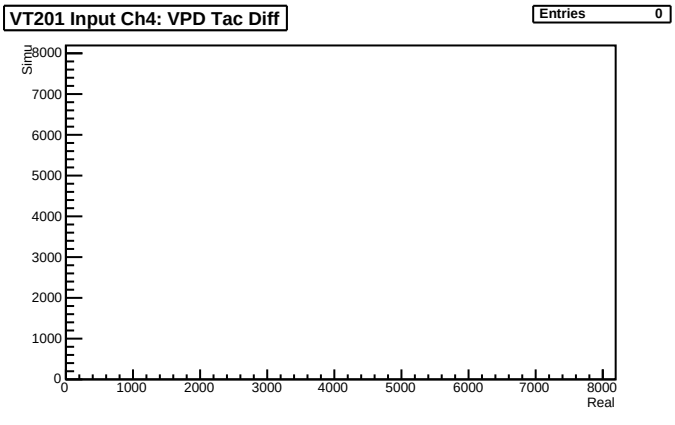

VT201 Input Ch2: ZDC Tac Diff
Entries 335018
Tac

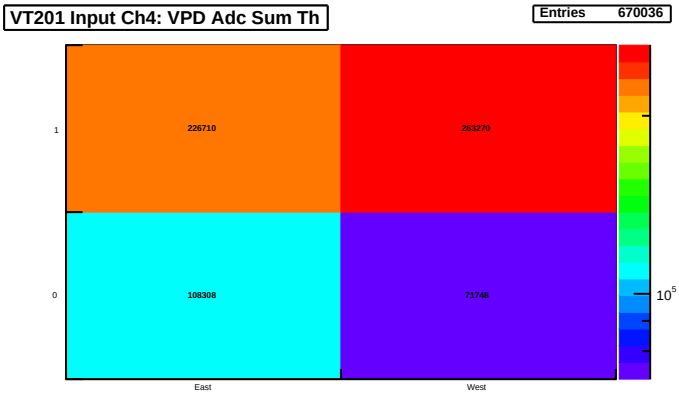

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

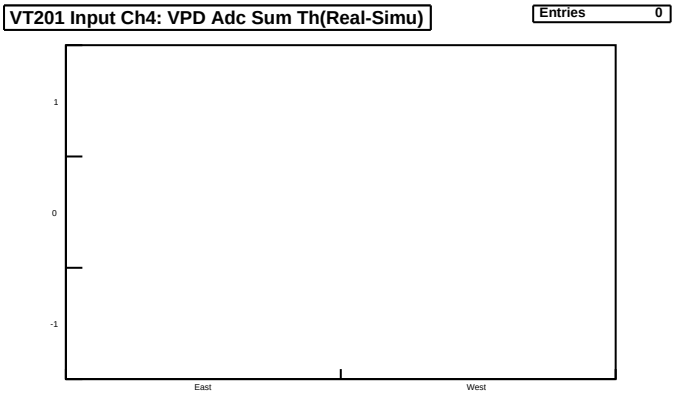

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2680144
10202
2594
11
9
9800
3933
41
33
324816
332424
335007
335009
325218
331085
334977
334985
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

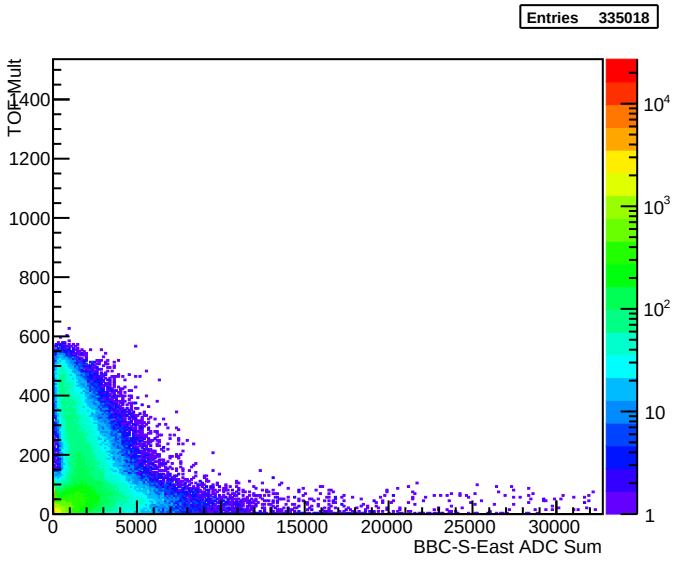

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

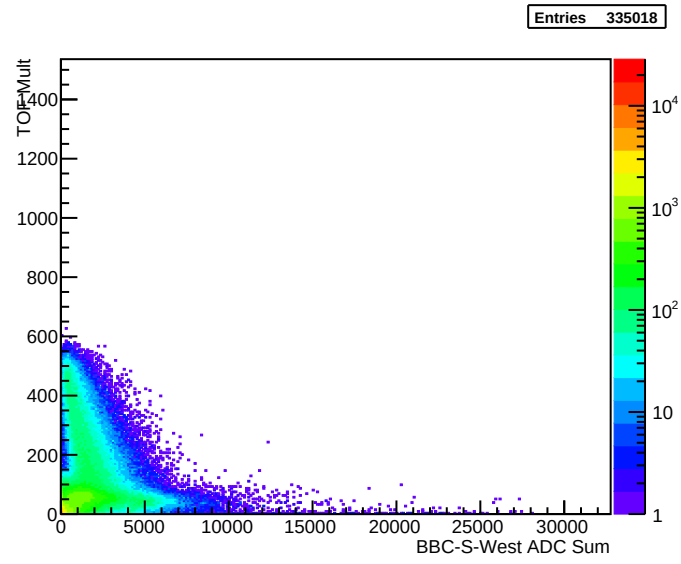

VT201 Input Ch4: VPD Tac Diff
Entries 335018
Tac

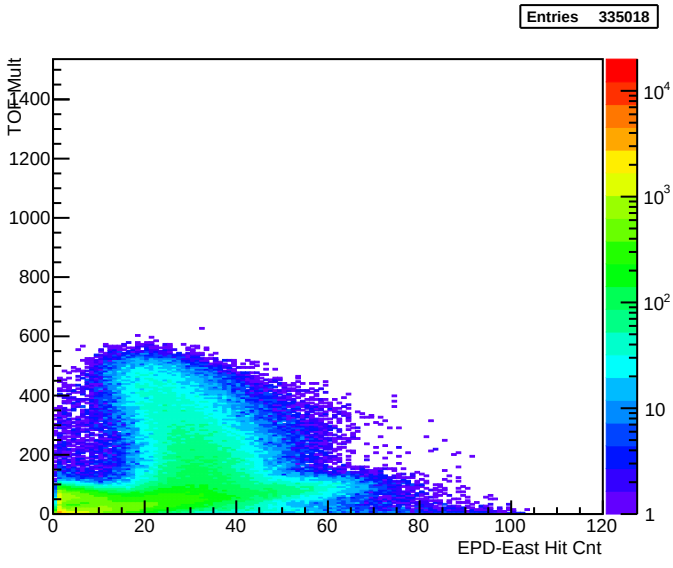

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

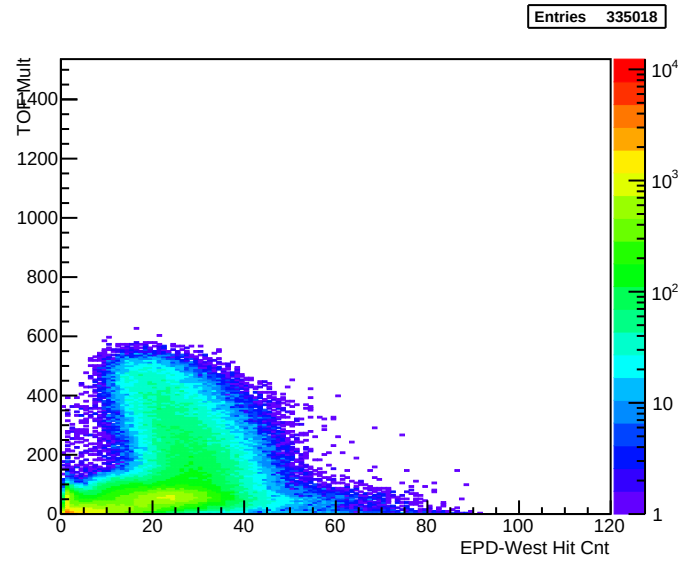

VT201 Input Ch4: VPD Adc Sum Th
Entries 670036
226710
263270
108308
71748
East
West

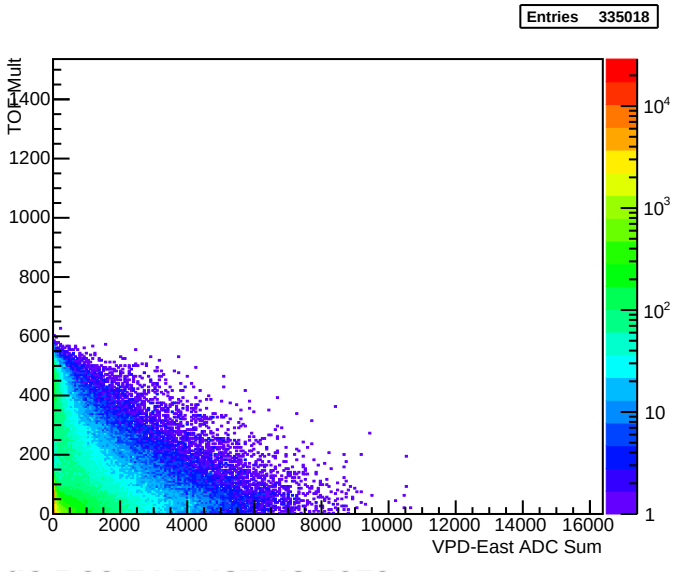

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

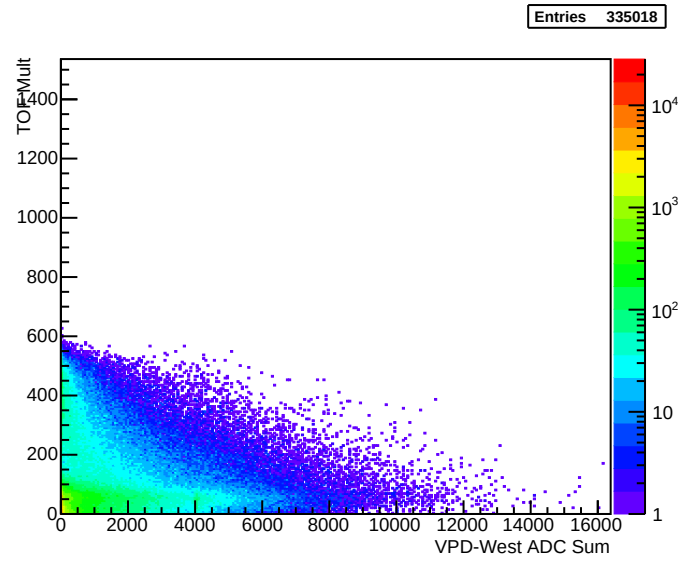

Entries 335018
TOF-Mult
BBC-S-East ADC Sum

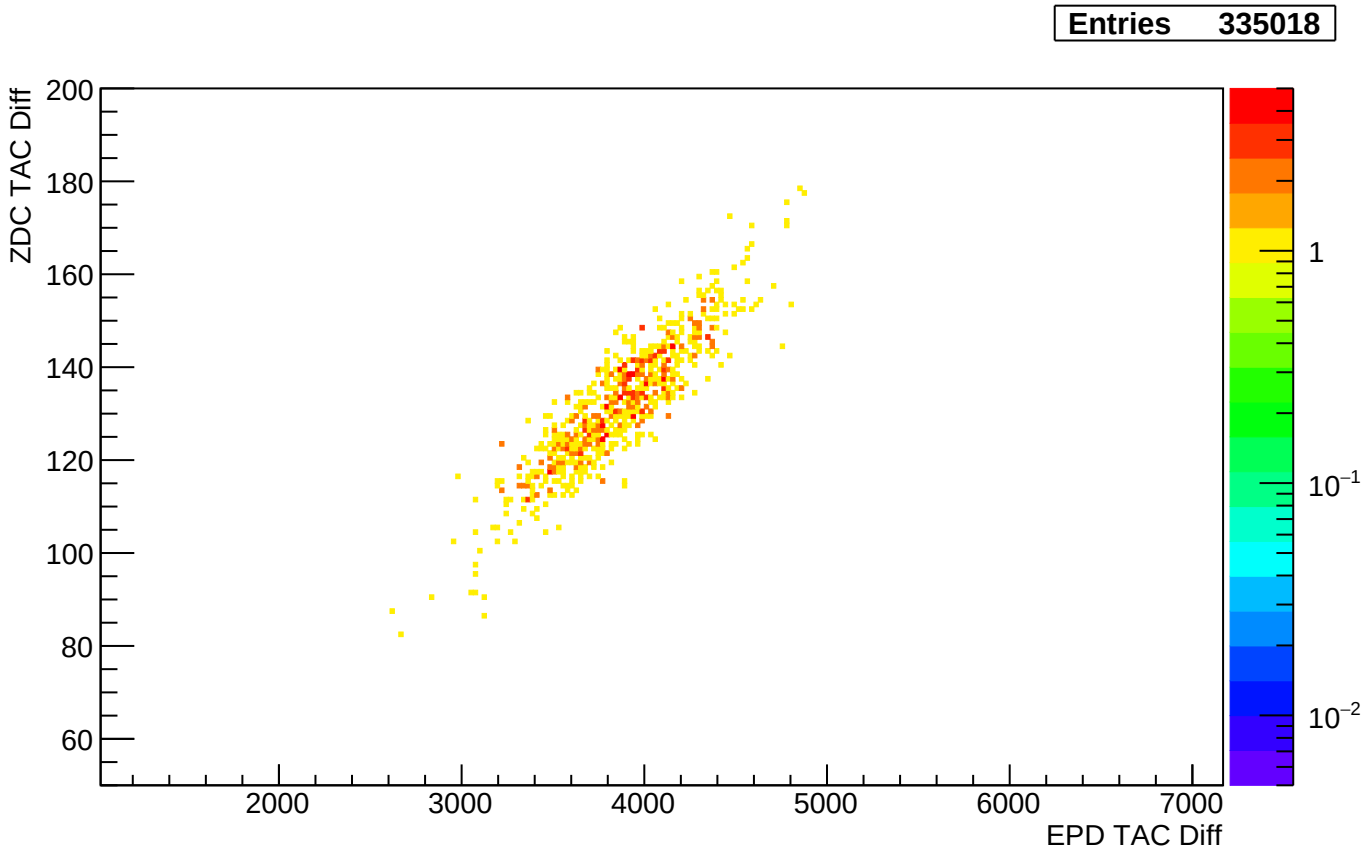

Entries 335018
TOF-Mult
BBC-S-West ADC Sum

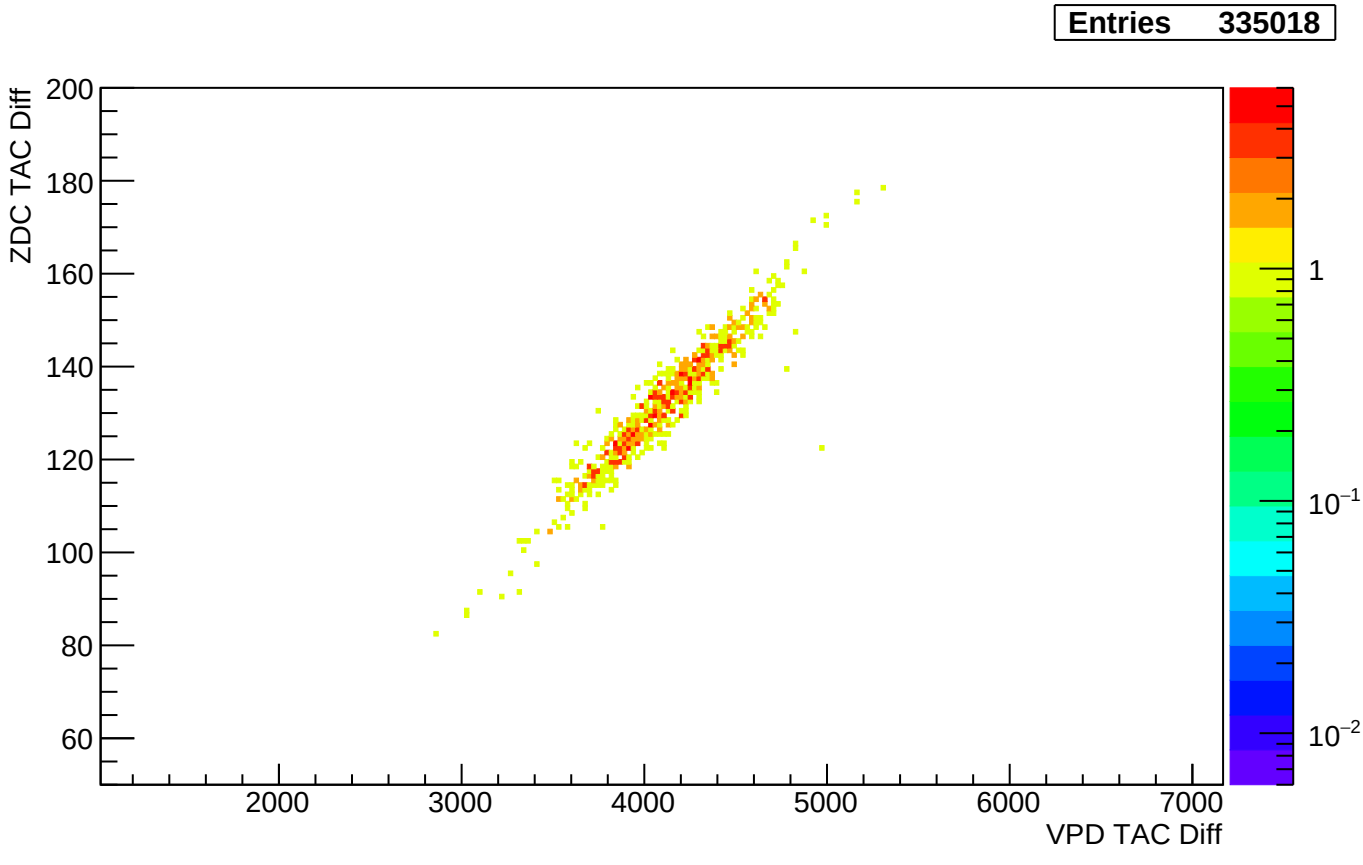

Entries 335018
TOF-Mult
EPD-East Hit Cnt

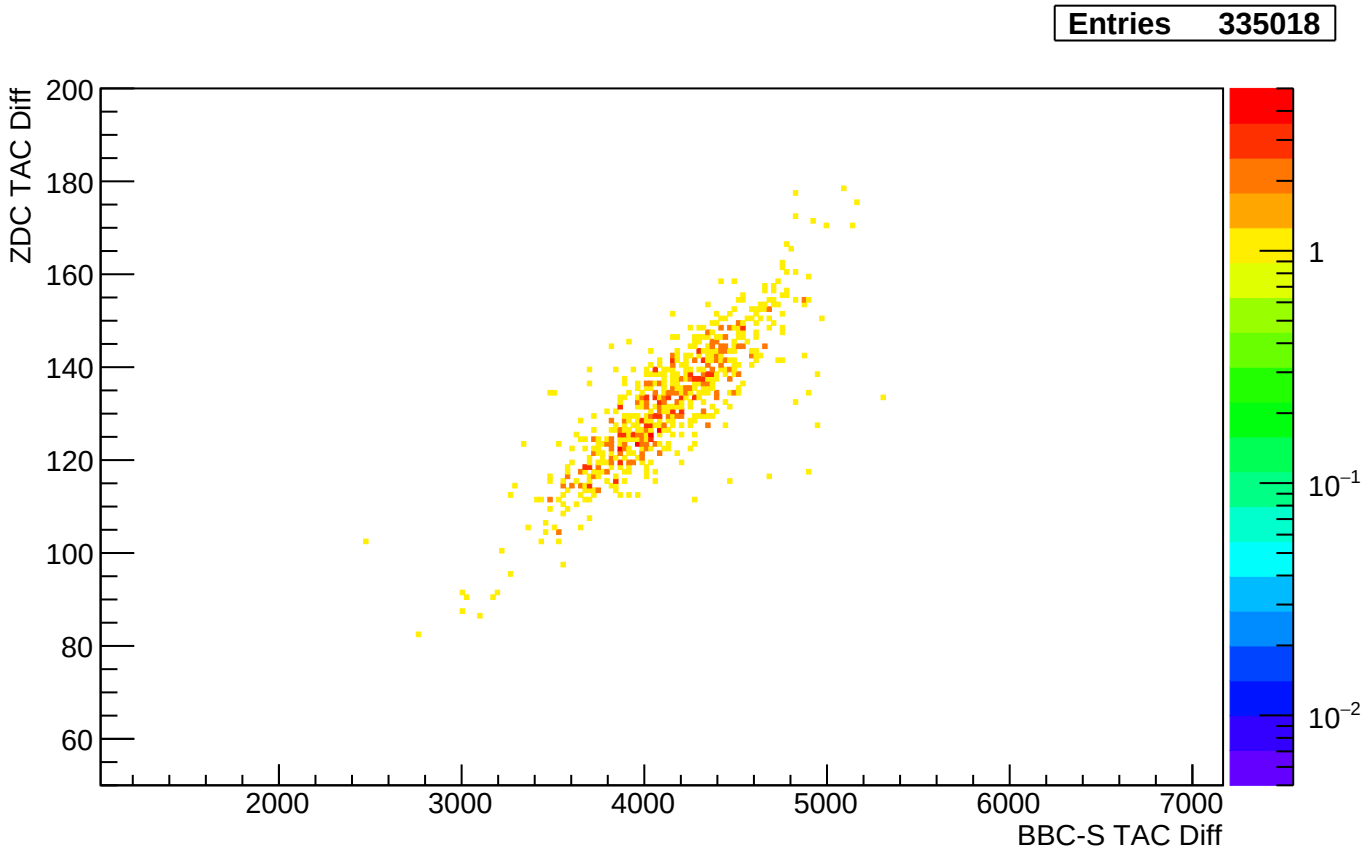

Entries 335018
TOF-Mult
EPD-West Hit Cnt

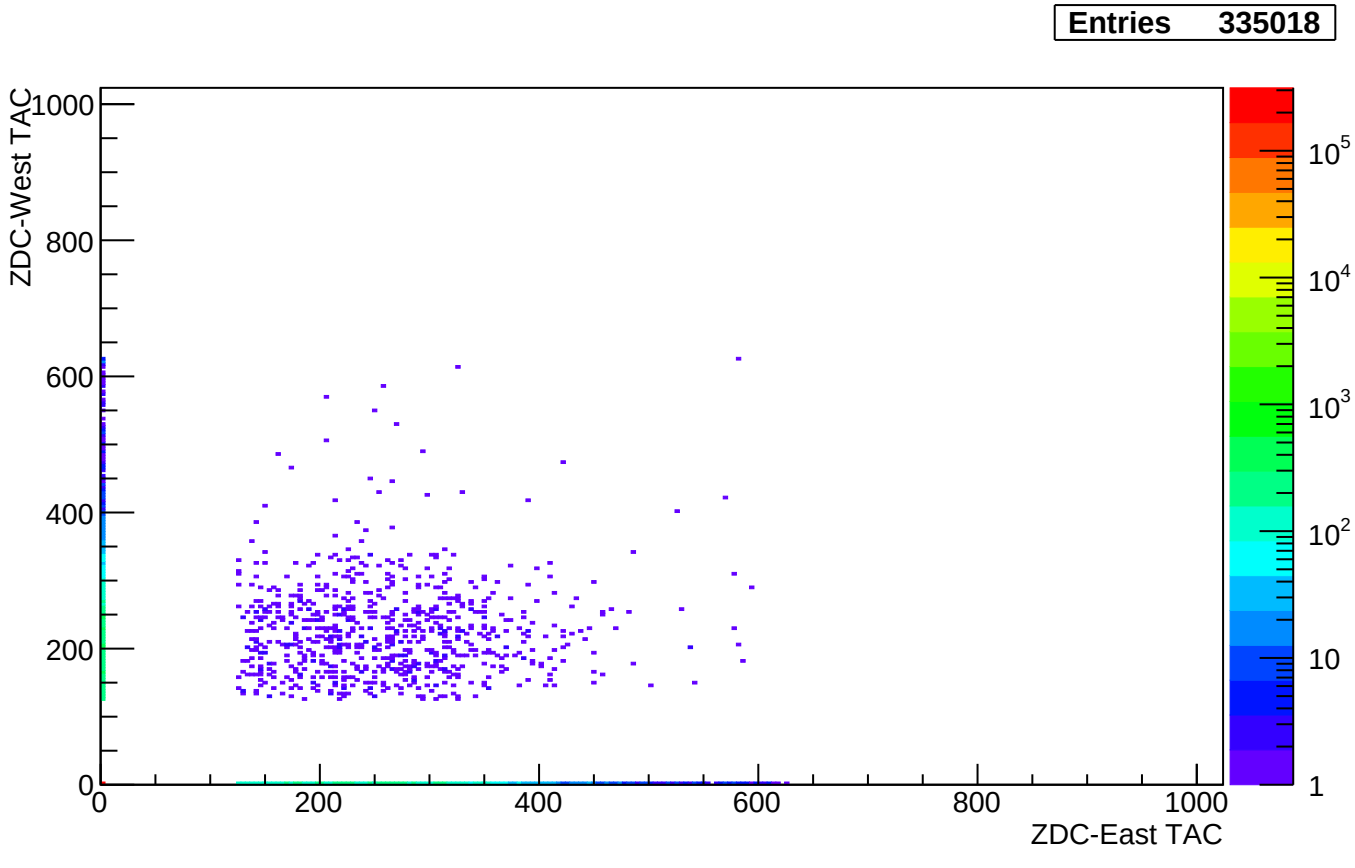

Entries 335018
TOF-Mult
VPD-East ADC Sum

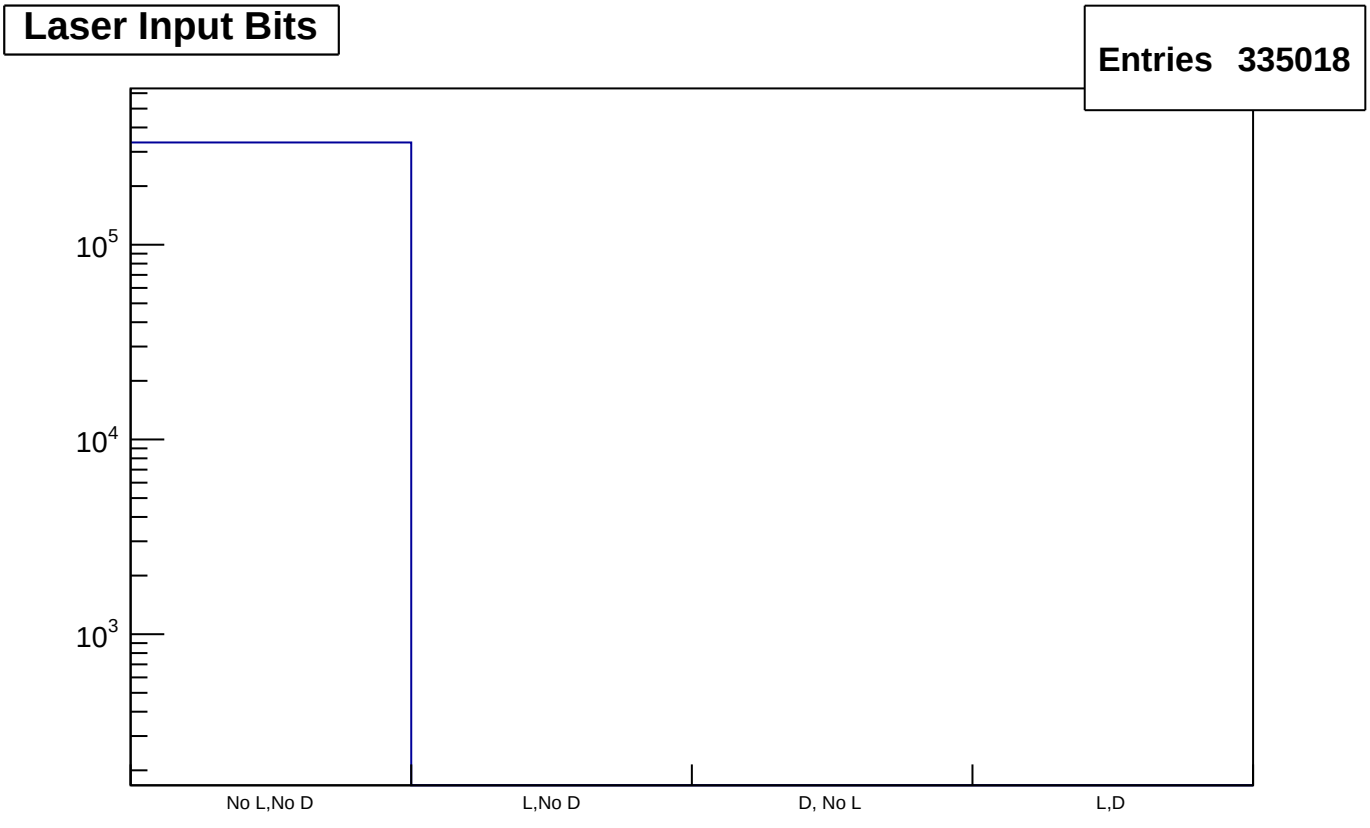

Entries 335018
TOF-Mult
VPD-West ADC Sum

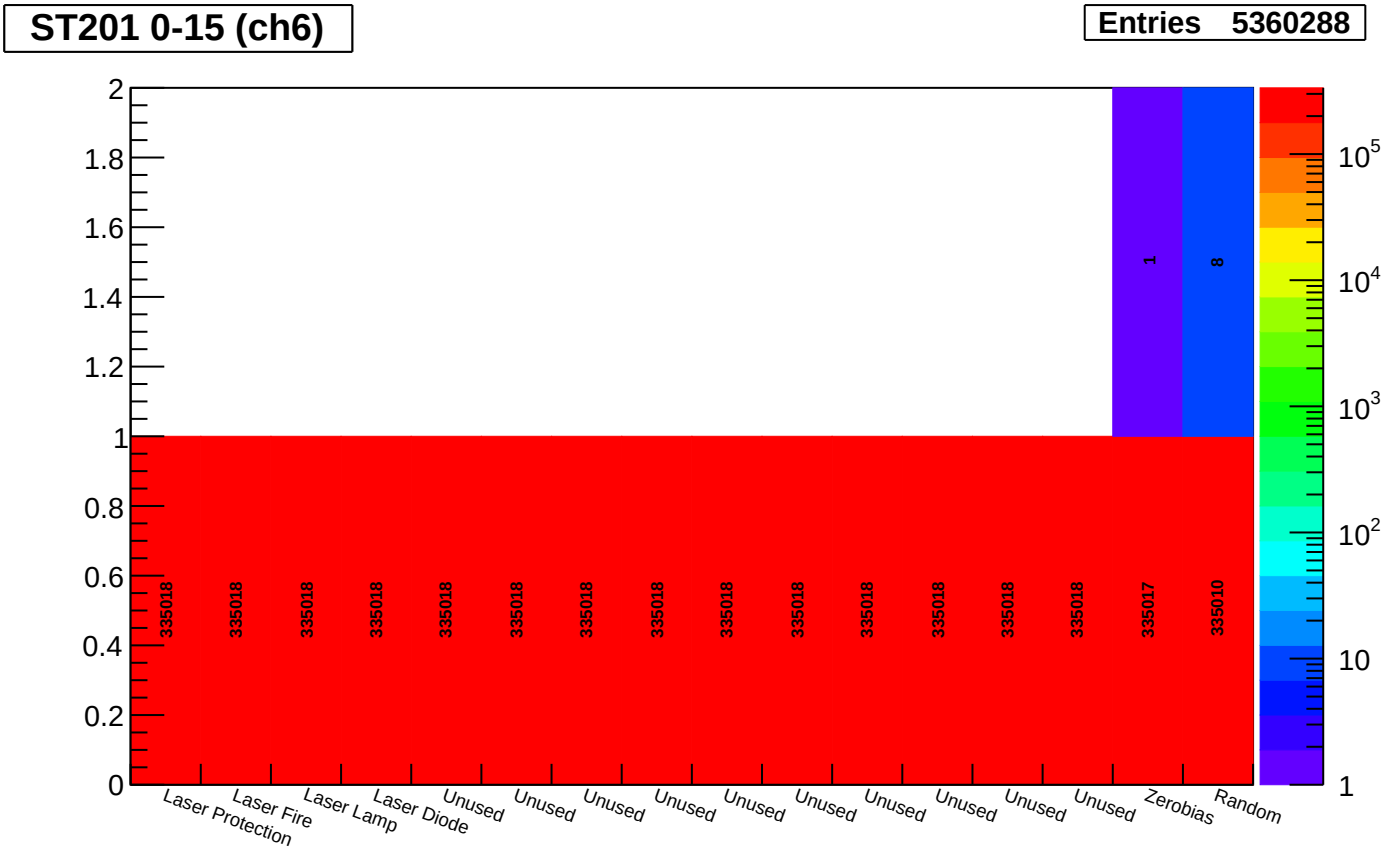

Entries 335018
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

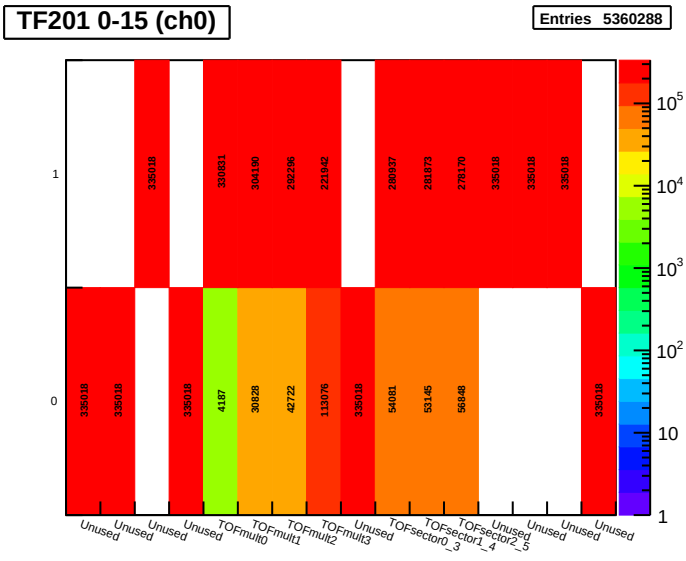

Entries 335018
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

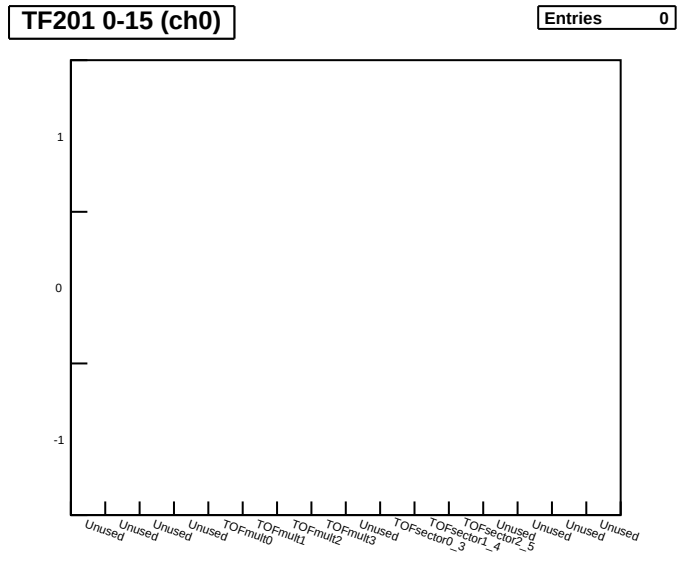

Entries 335018
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

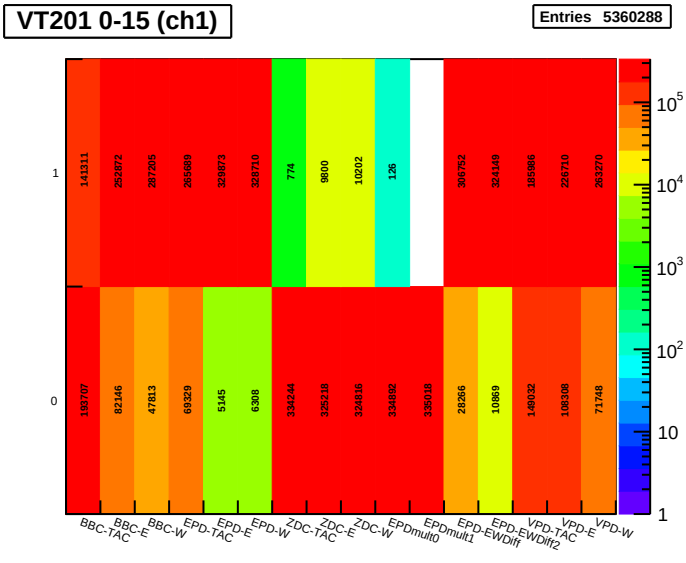

Entries 335018
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

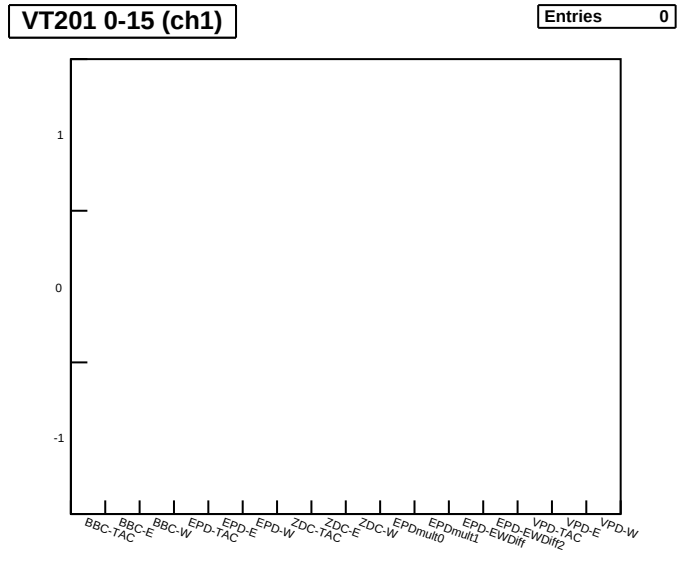

Laser Input Bits
Entries 335018
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

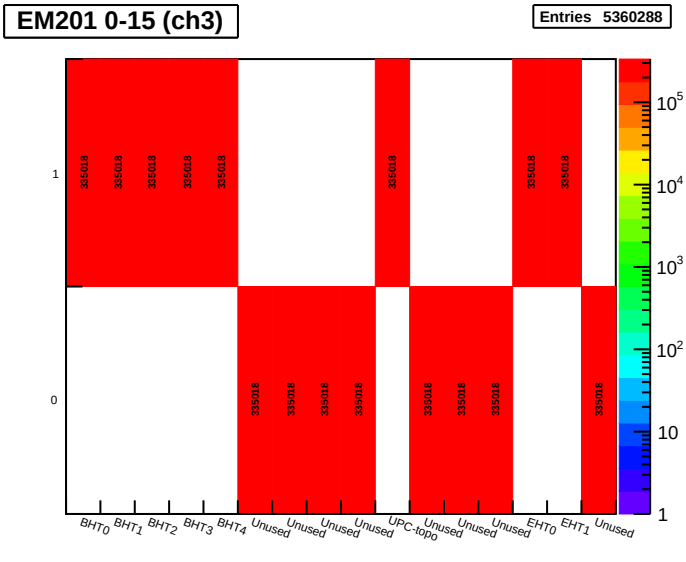

ST201 0-15 (ch6)
Entries 5360288
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
335018
335018
335018
335018
335018
335018
335018
335018
335018
335018
335018
335018
335018
335018
335017
335010
1
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

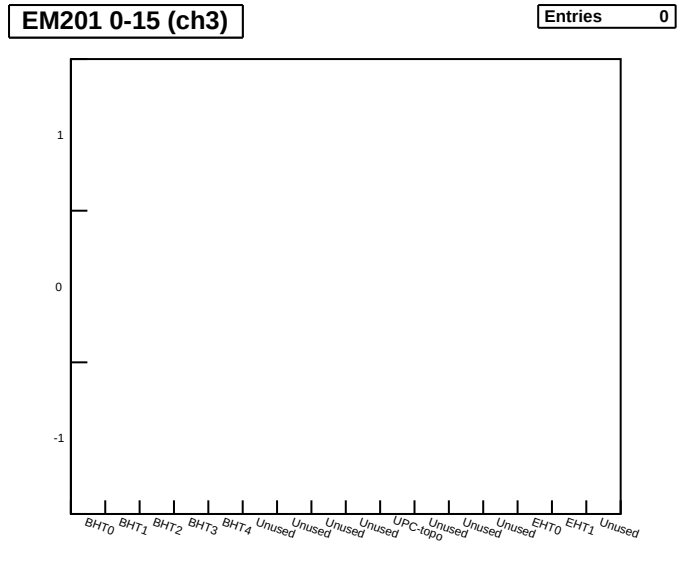

TF201 0-15 (ch0)
Entries 5360288
1
0
335018 330831 304190 282296 221942 280937 281873 276170 335018 335018 335018
335018 335018 335018 41187 30828 42722 113076 335018 54081 53145 56848 335018
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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


VT201 0-15 (ch1)
Entries 5360288
1
0
141311 252872 287205 265689 329873 328710 774 9800 10202 126 306752 324149 185986 226710 263270
139707 82146 47813 69329 5145 6308 334244 325218 324816 334892 335018 28266 10869 149032 108308 71748
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 5360288
1
0
335018 335018 335018 335018 335018 335018 335018 335018 335018
335018 335018 335018 335018 335018 335018 335018 335018
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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