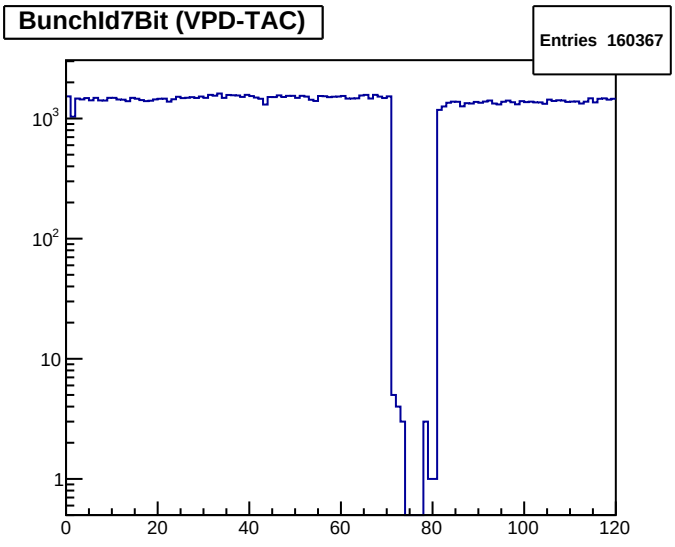
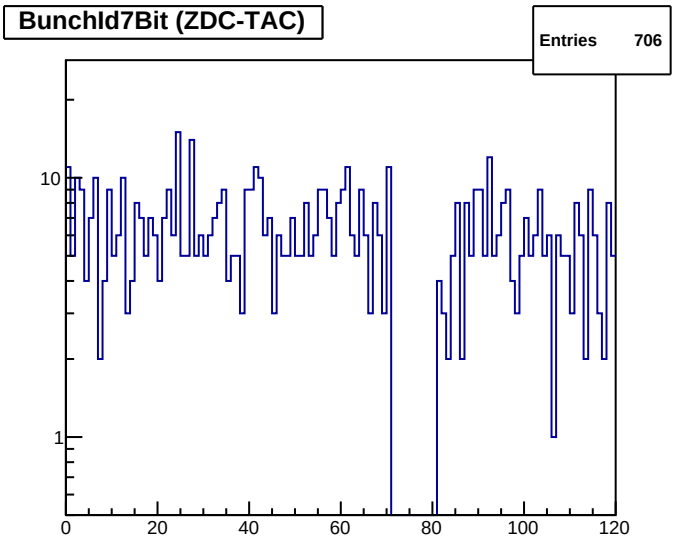
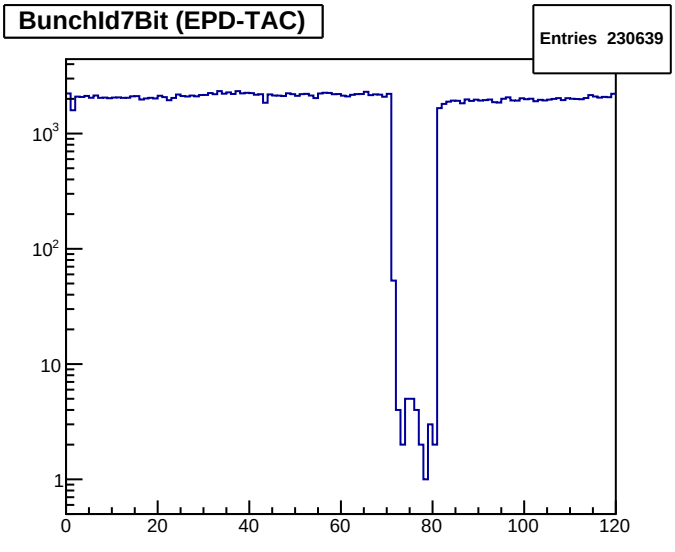
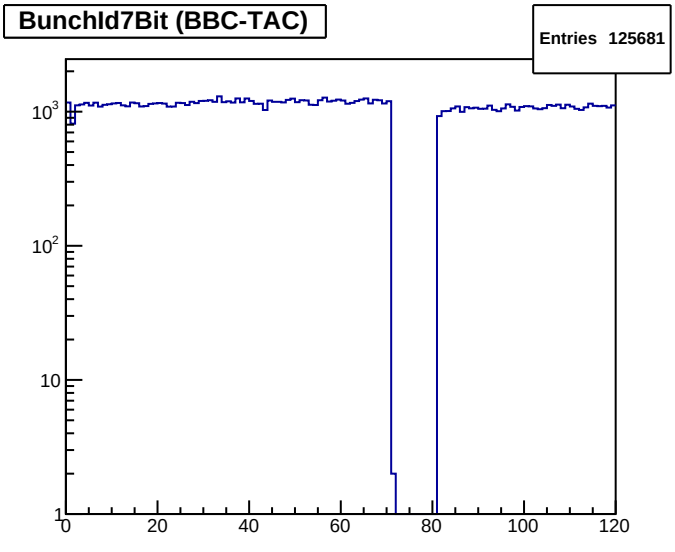
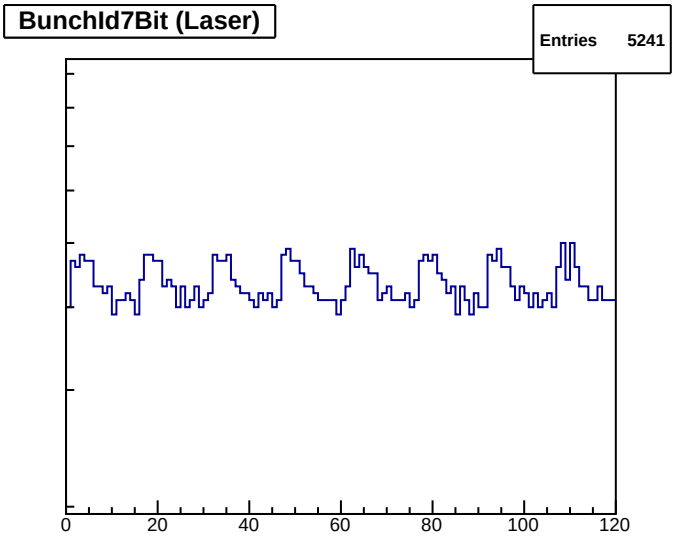
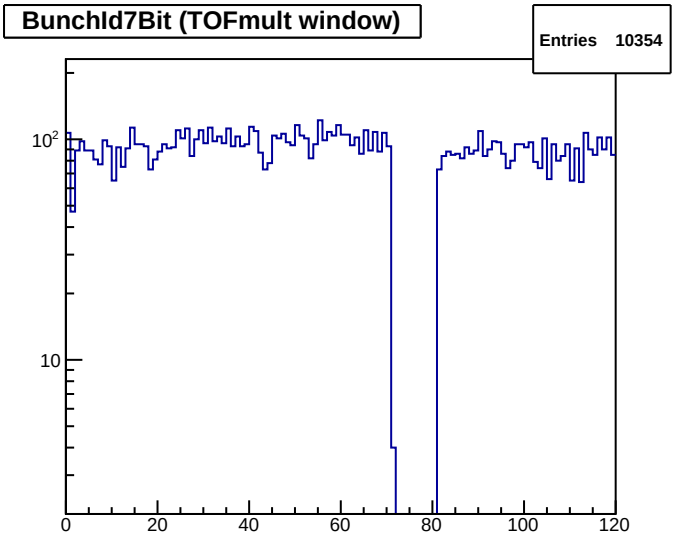

BunchId7Bit (VPD-TAC)
Entries 160367

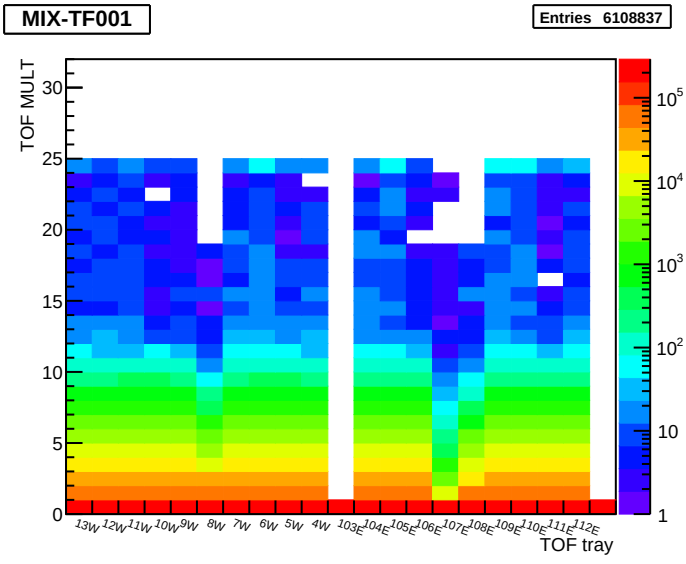

BunchId7Bit (ZDC-TAC)
Entries 706

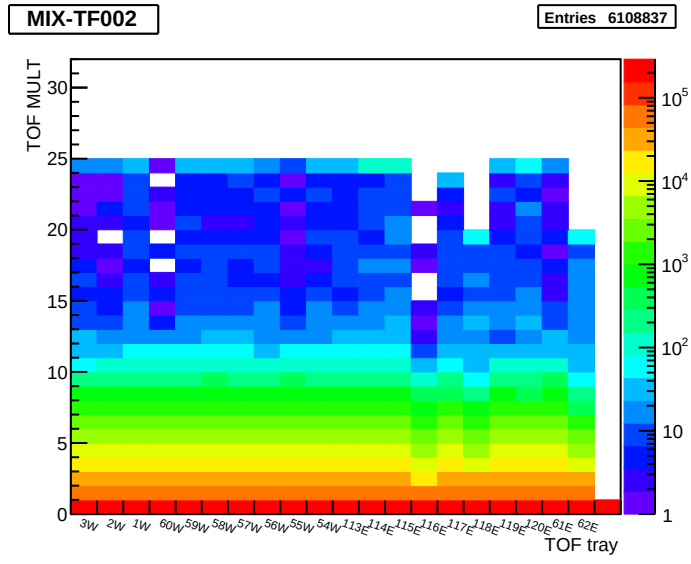

BunchId7Bit (EPD-TAC)
Entries 230639

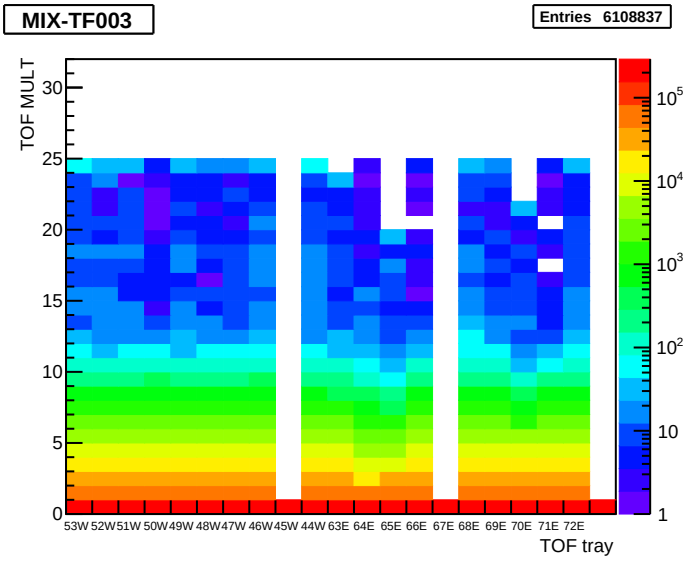

BunchId7Bit (BBC-TAC)
Entries 125681

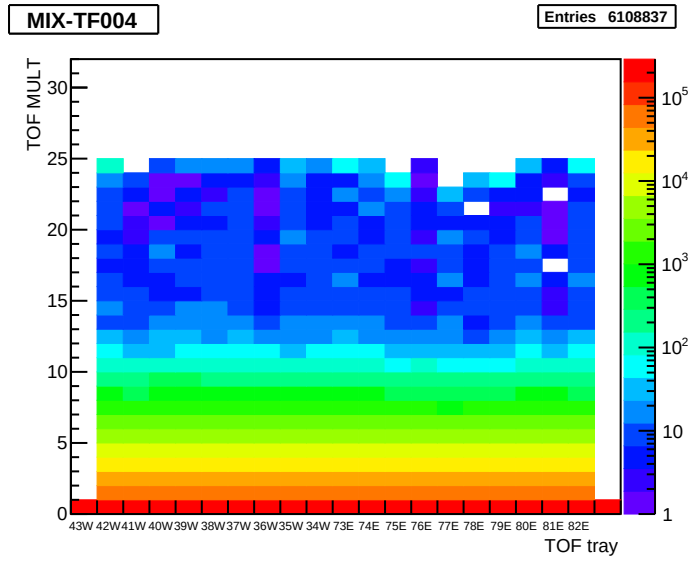

BunchId7Bit (Laser)
Entries 5241

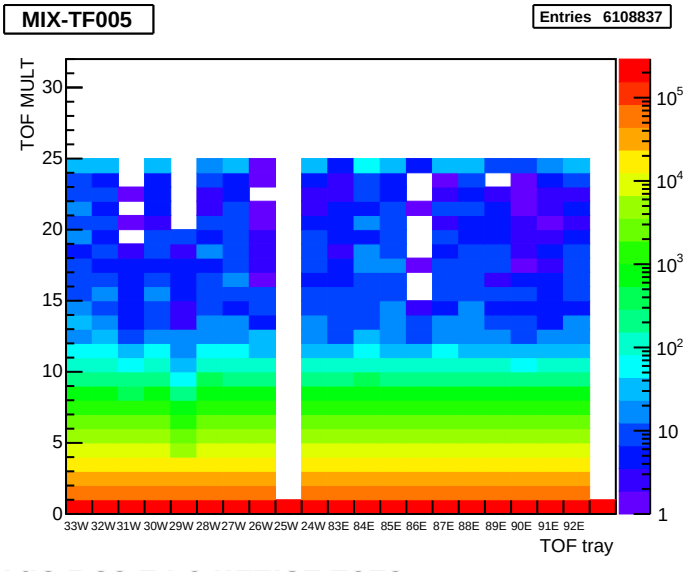

BunchId7Bit (TOFmult window)
Entries 10354

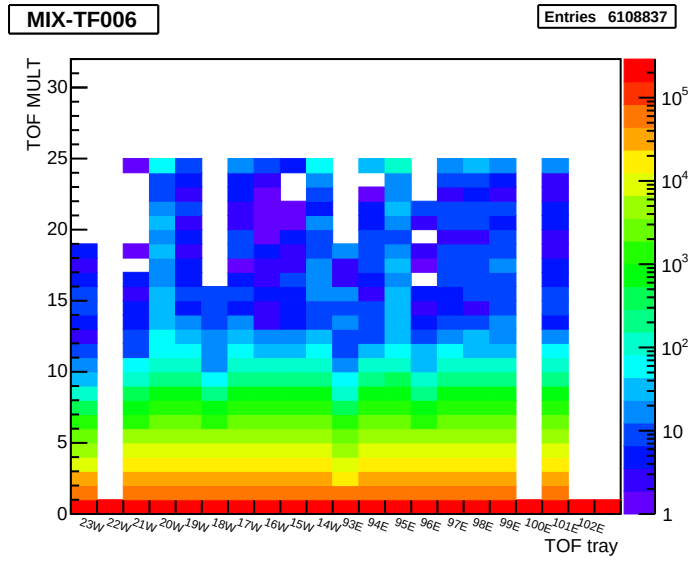

MIX-TF001
Entries 6108837
TOF MULT
TOF tray

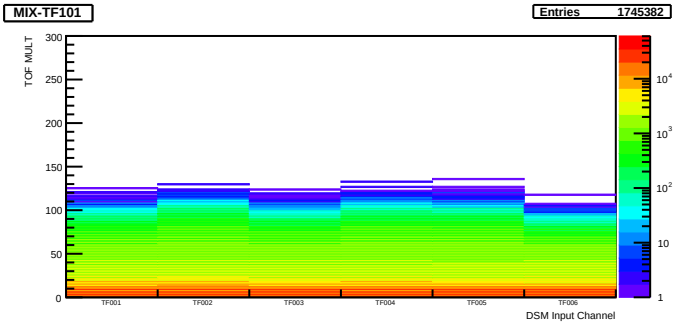

MIX-TF002
Entries 6108837
TOF MULT
TOF tray

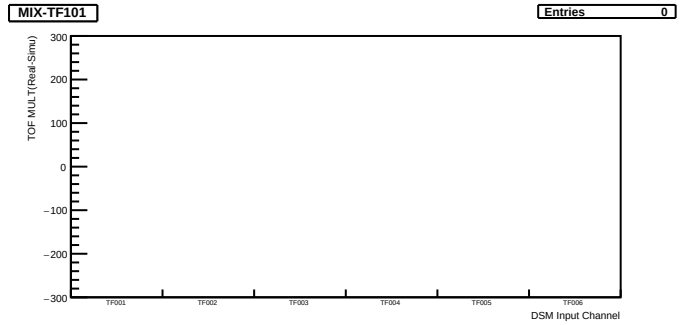

MIX-TF003
Entries 6108837
TOF MULT
TOF tray

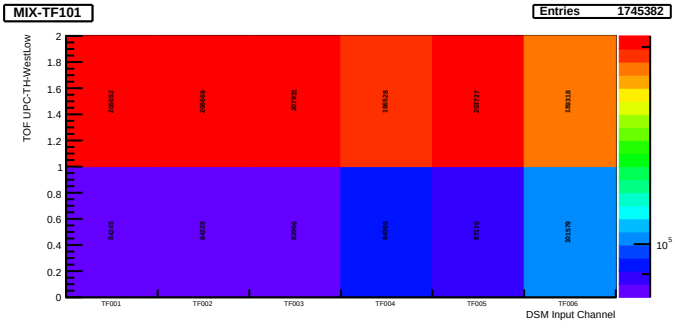

MIX-TF004
Entries 6108837
TOF MULT
TOF tray

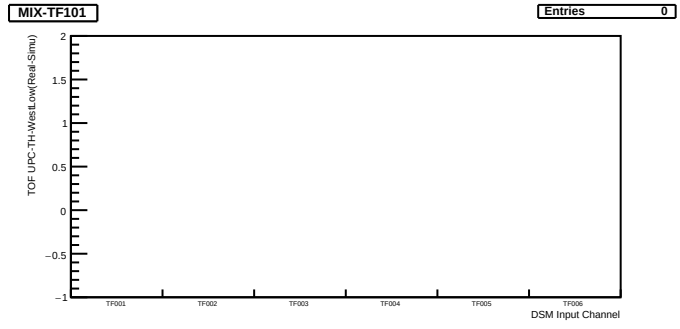

MIX-TF005
Entries 6108837
TOF MULT
TOF tray

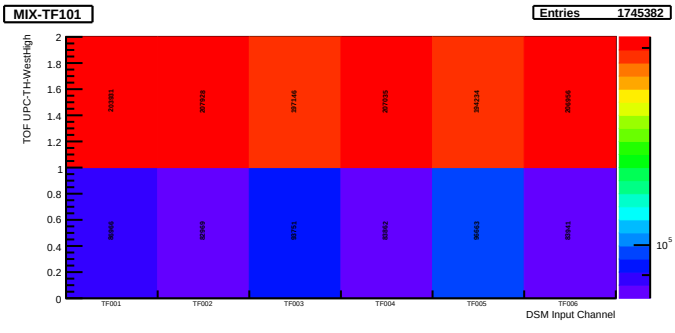

MIX-TF006
Entries 6108837
TOF MULT
TOF tray

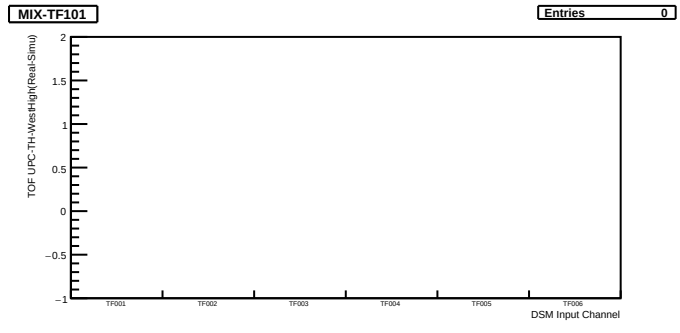

MIX-TF101
Entries 1745382
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

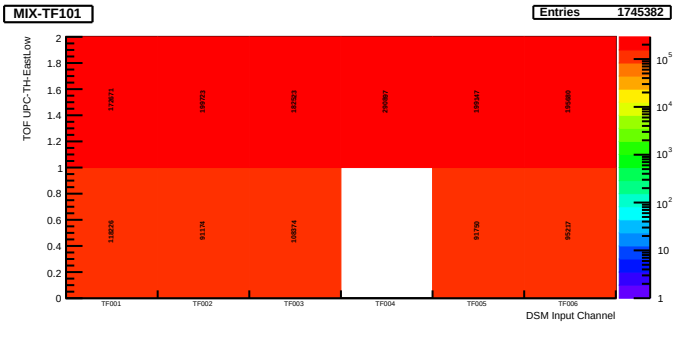

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

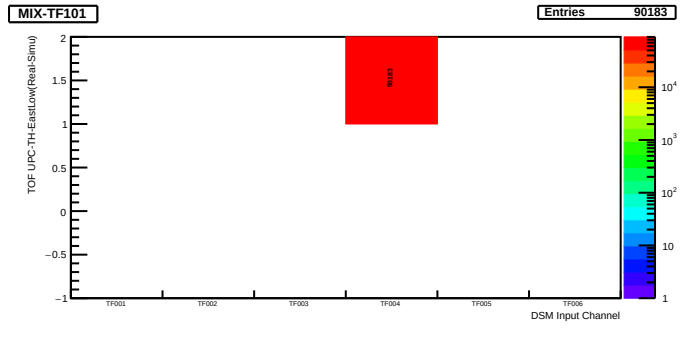

MIX-TF101
Entries 1745382
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

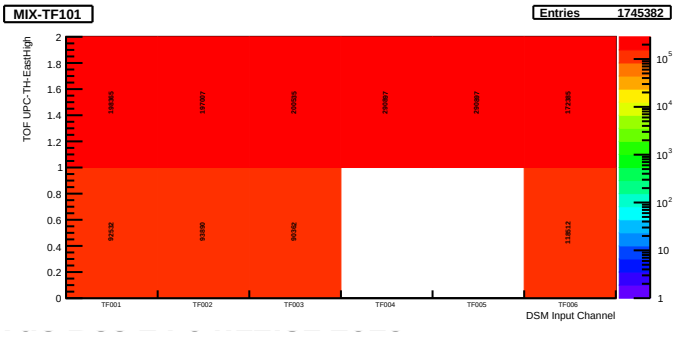

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

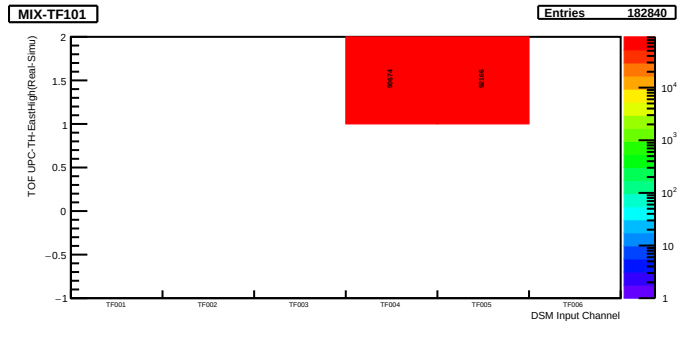

MIX-TF101
Entries 1745382
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

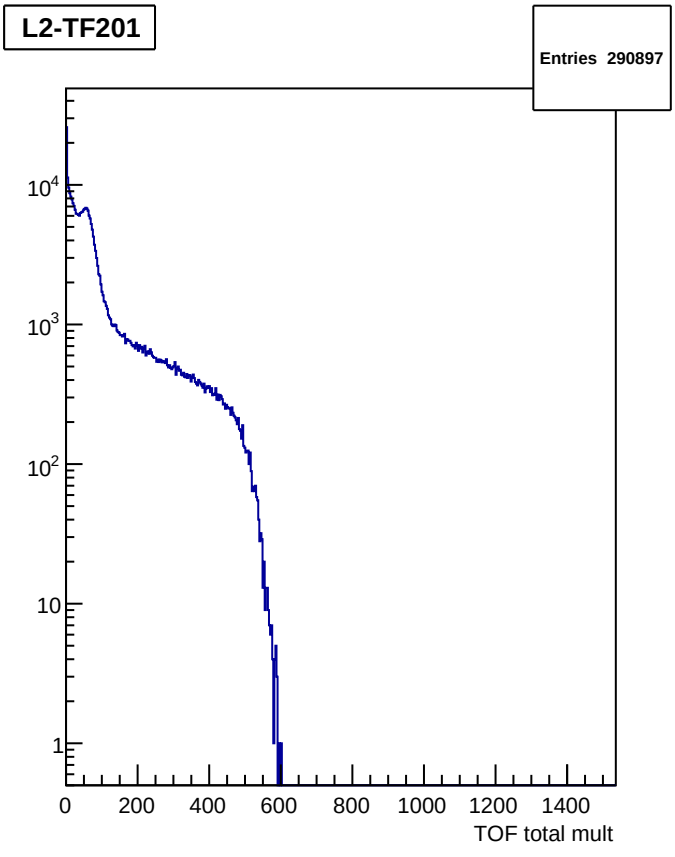

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

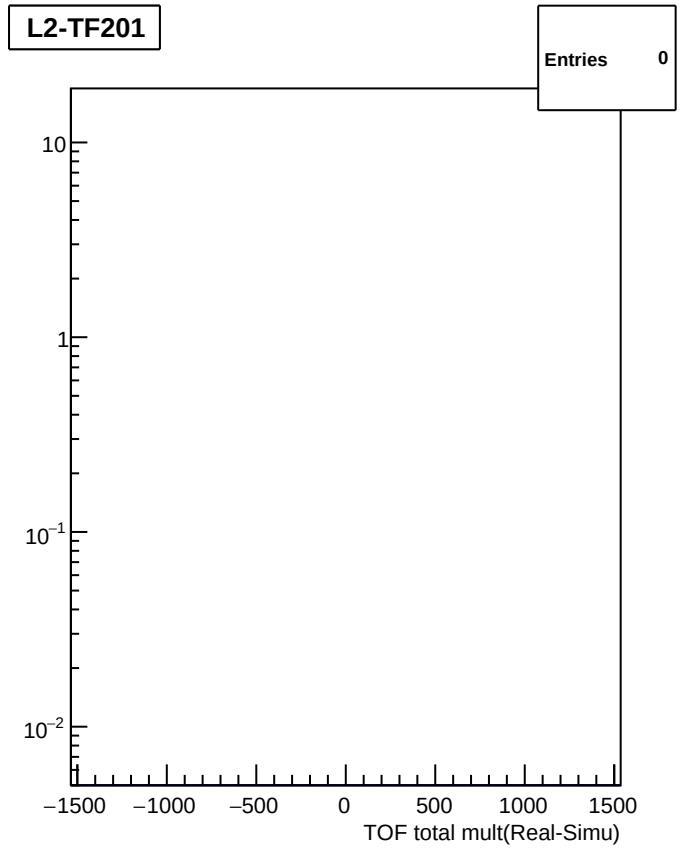

MIX-TF101
Entries 1745382
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

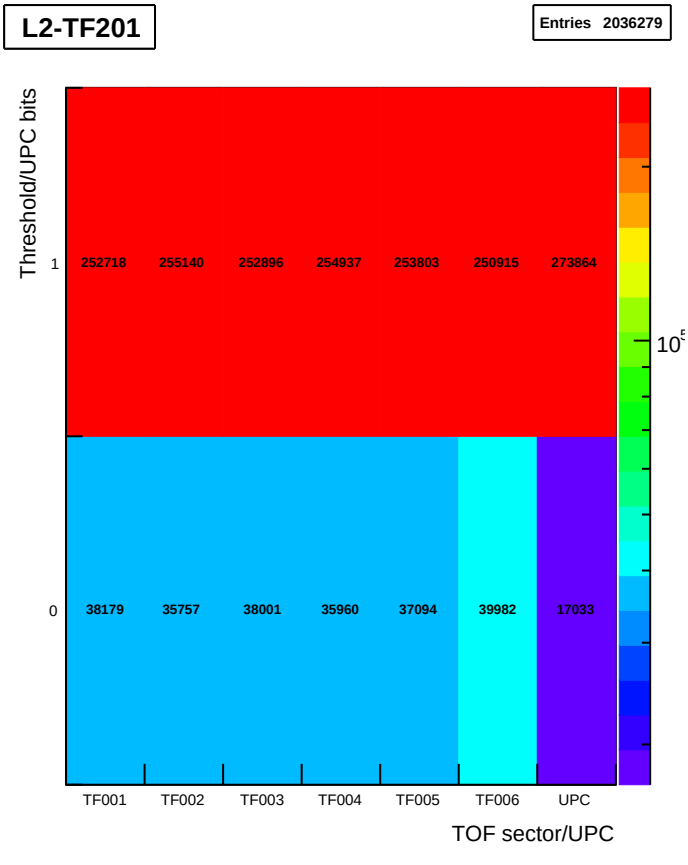

MIX-TF101
Entries 90183
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

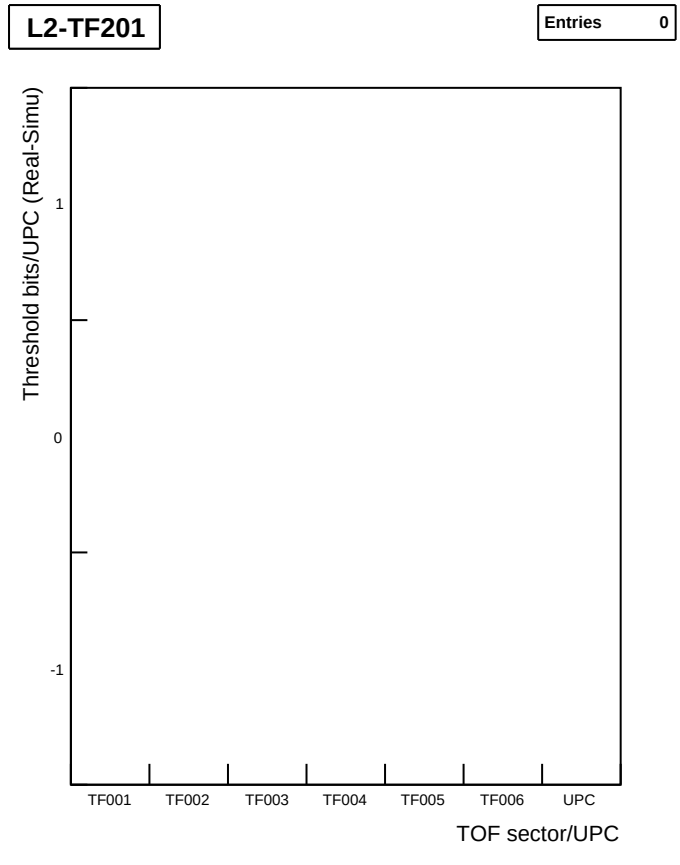

MIX-TF101
Entries 1745382
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

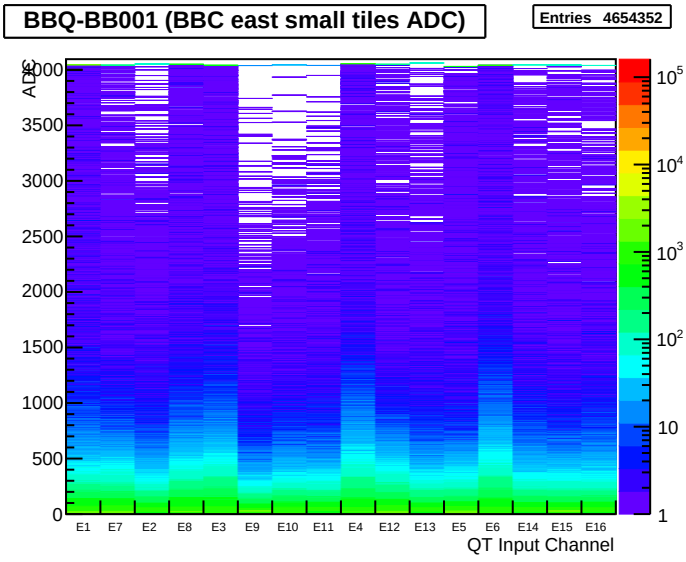

MIX-TF101
Entries 182840
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

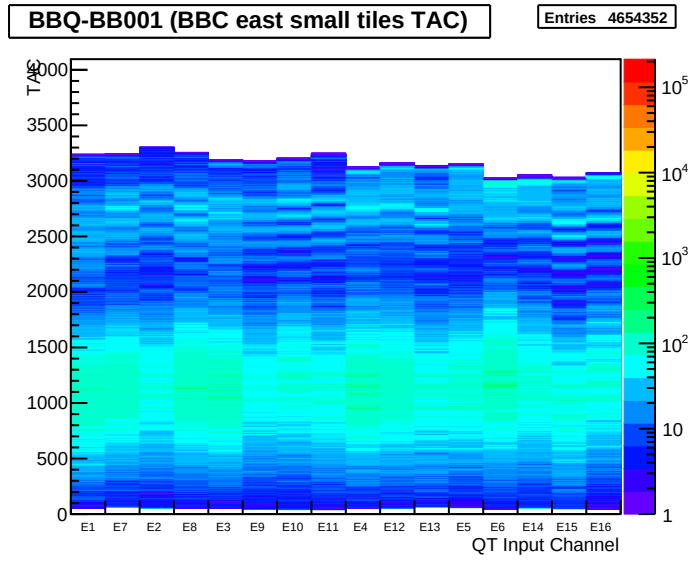

L2-TF201
Entries 290897
TOF total mult

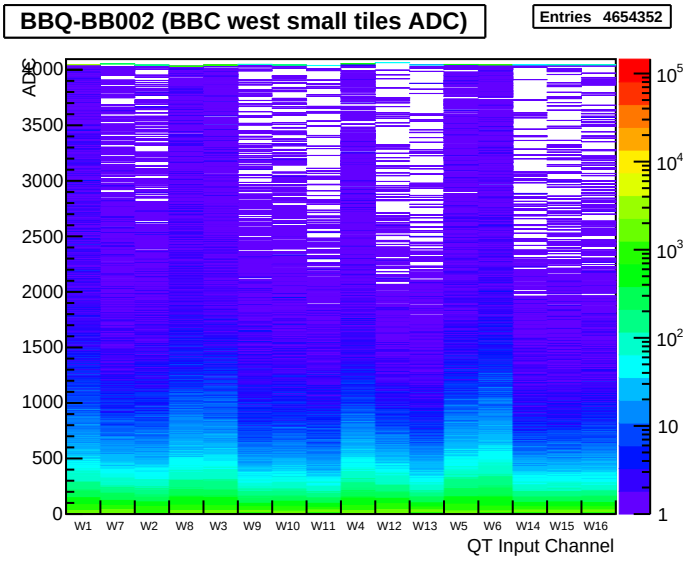

L2-TF201
Entries 0
TOF total mult(Real-Simu)

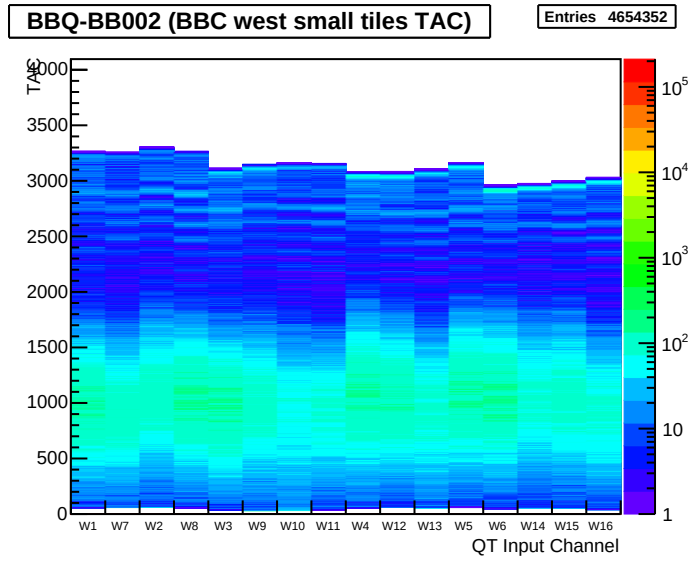

L2-TF201
Entries 2036279
Threshold/UPC bits
252718
255140
252896
254937
253803
250915
273864
38179
35757
38001
35960
37094
39982
17033
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

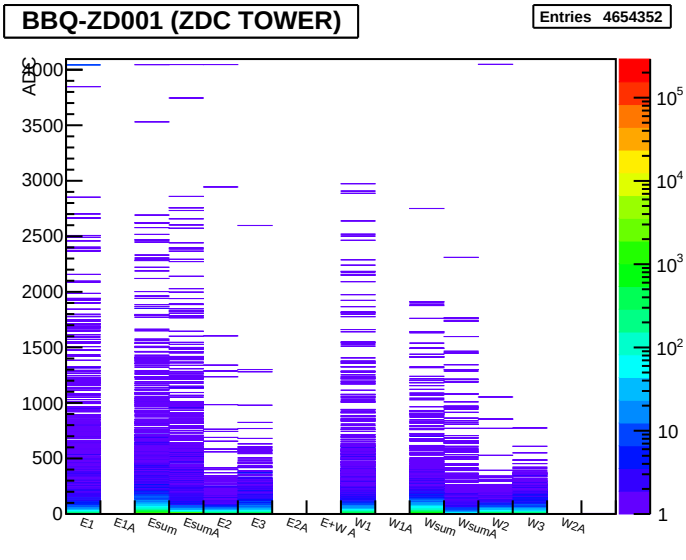

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

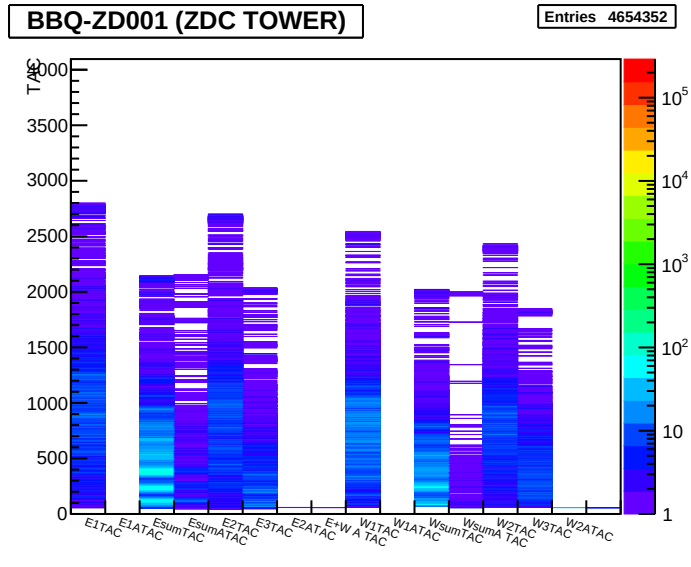

BBQ-BB001 (BBC east small tiles ADC)
Entries 4654352
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

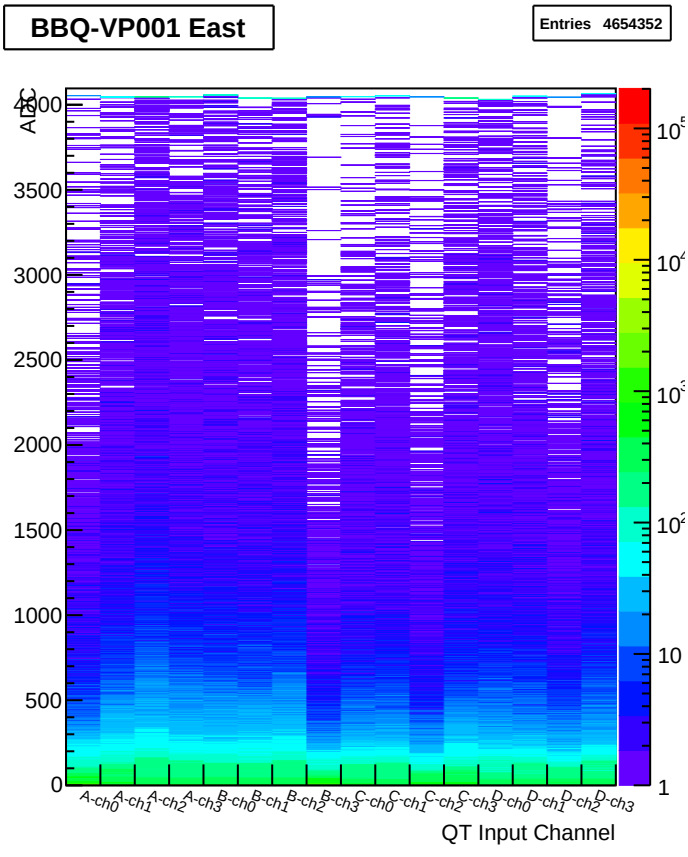

BBQ-BB001 (BBC east small tiles TAC)
Entries 4654352
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

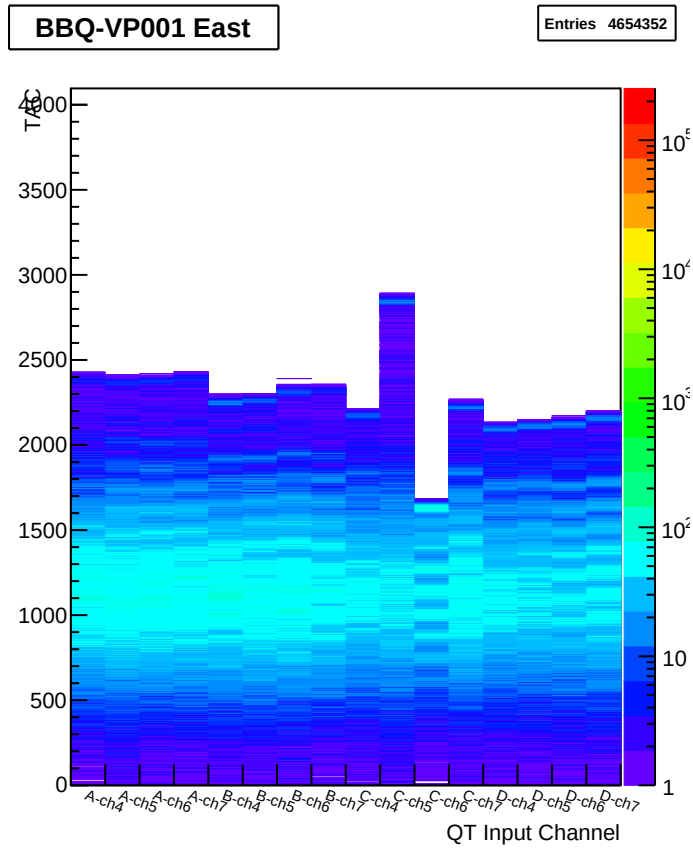

BBQ-BB002 (BBC west small tiles ADC)
Entries 4654352
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

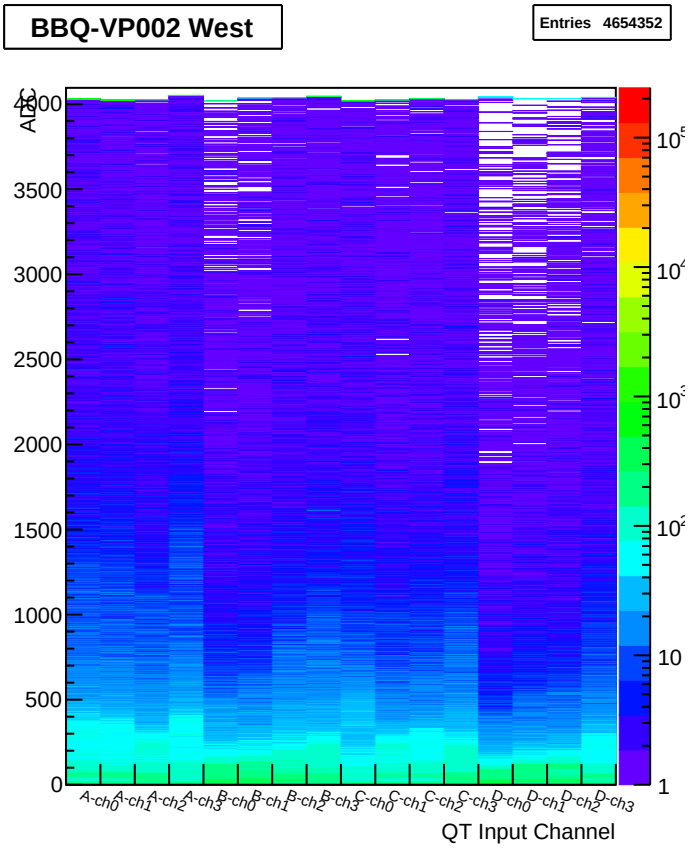

BBQ-BB002 (BBC west small tiles TAC)
Entries 4654352
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

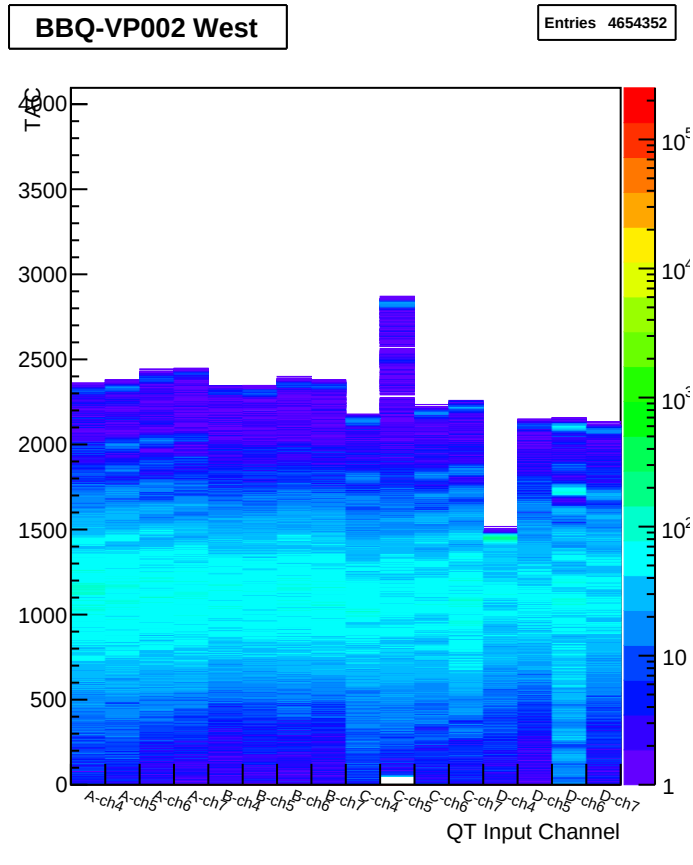

BBQ-ZD001 (ZDC TOWER)
Entries 4654352
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

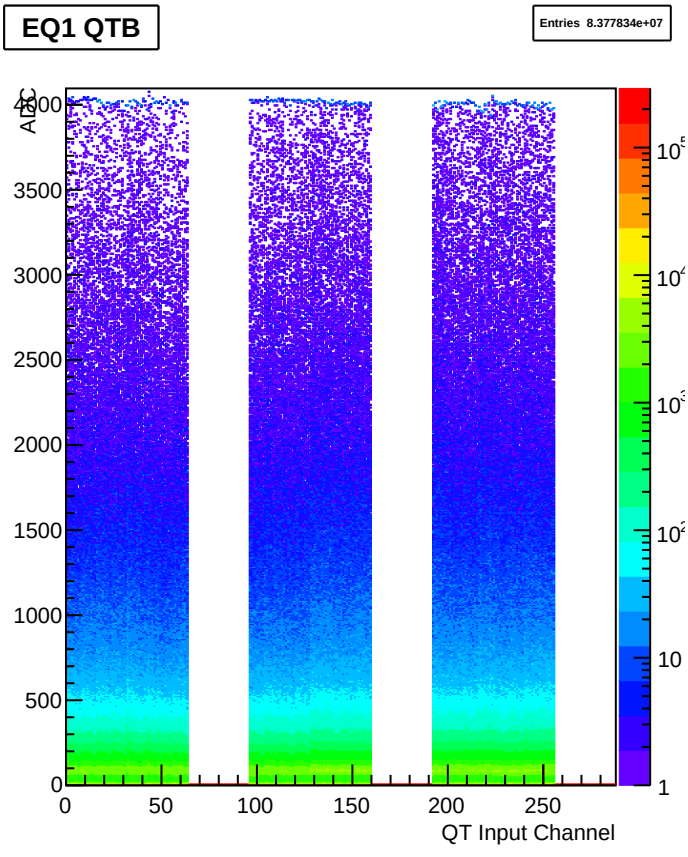

BBQ-ZD001 (ZDC TOWER)
Entries 4654352
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

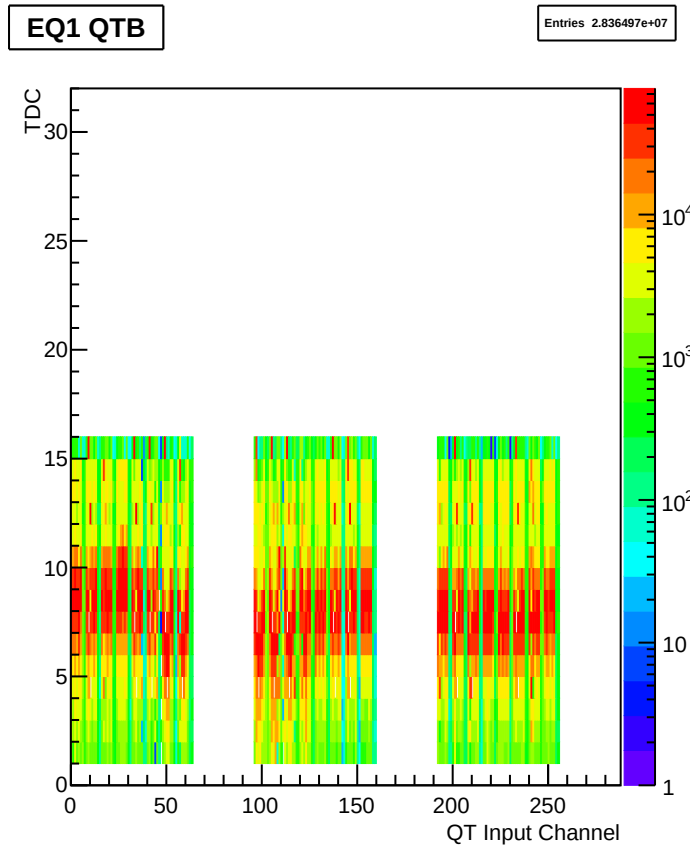

BBQ-VP001 East
Entries 4654352
ADC
QT Input Channel

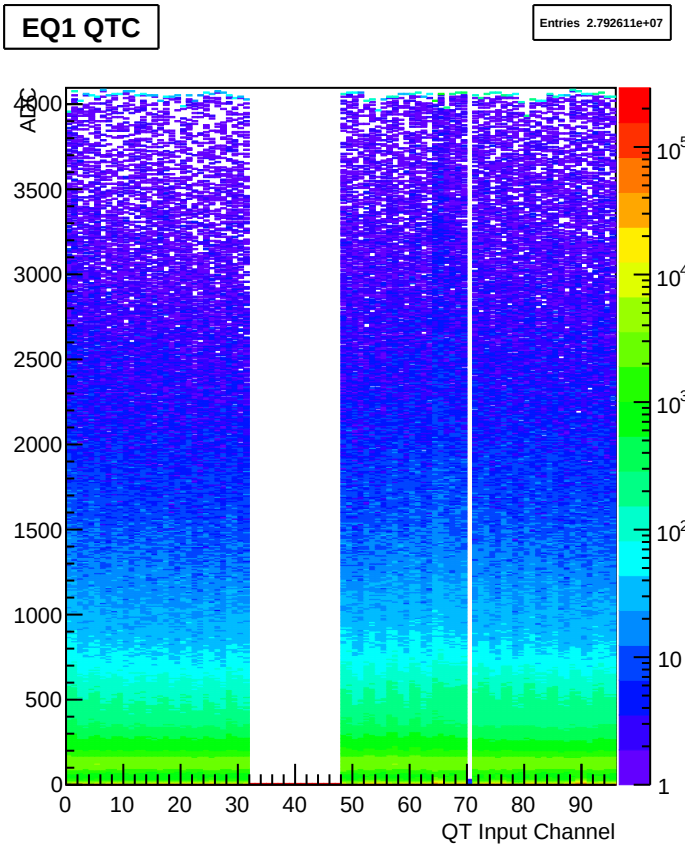

BBQ-VP001 East
Entries 4654352
TADC
QT Input Channel

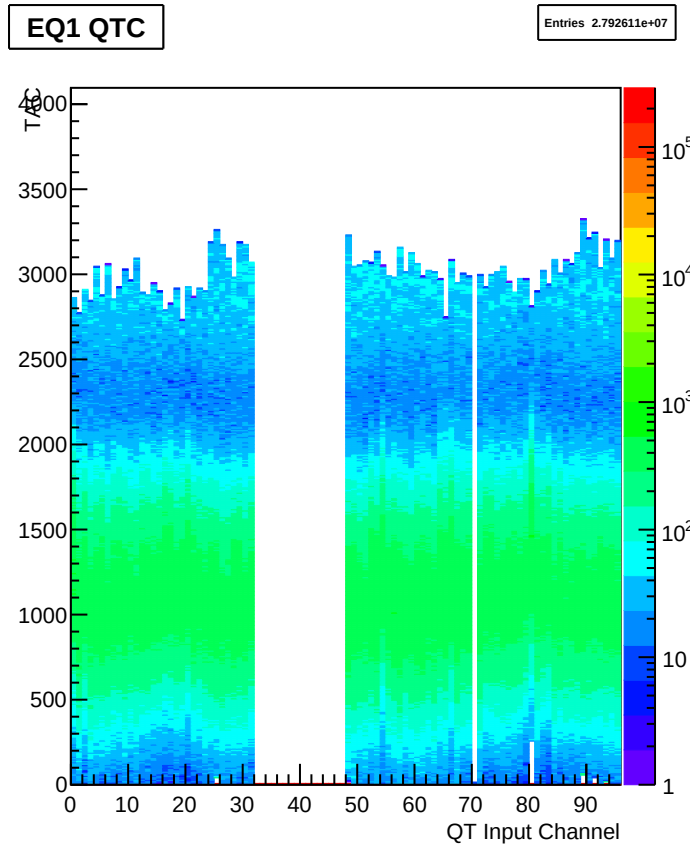

BBQ-VP002 West
Entries 4654352
ADC
QT Input Channel

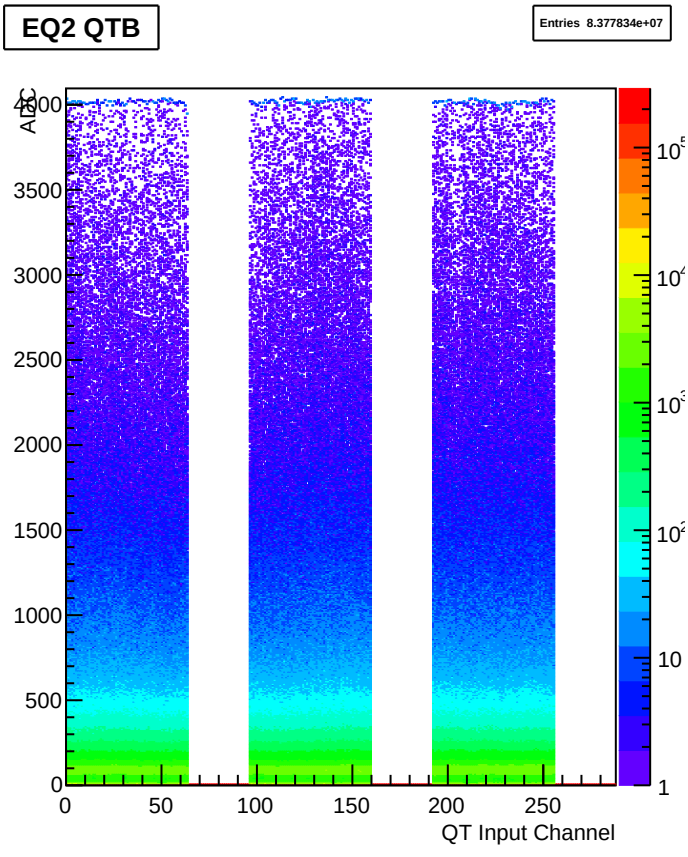

BBQ-VP002 West
Entries 4654352
TADC
QT Input Channel

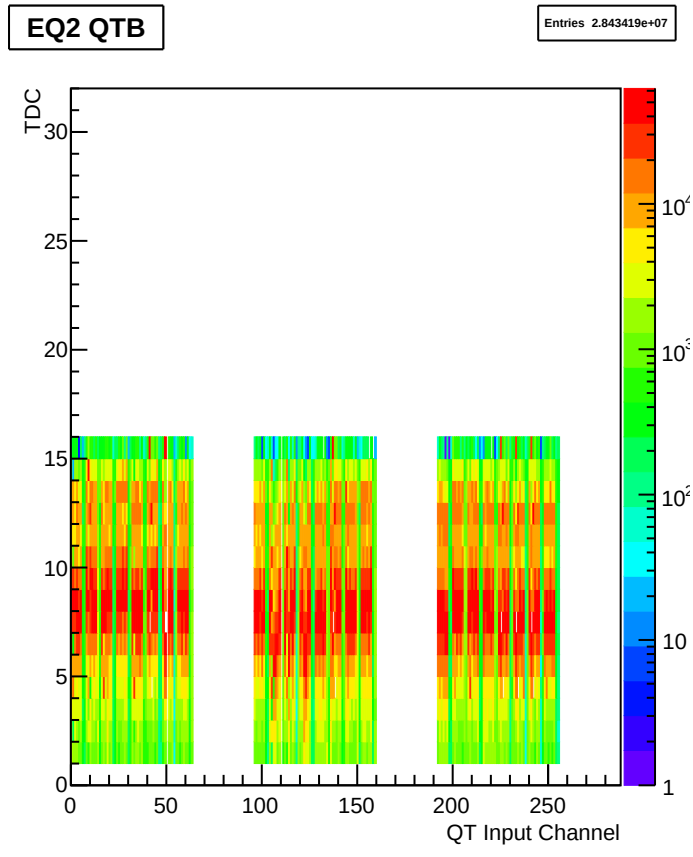

EQ1 QTB
Entries 8.377834e+07
ADC
QT Input Channel

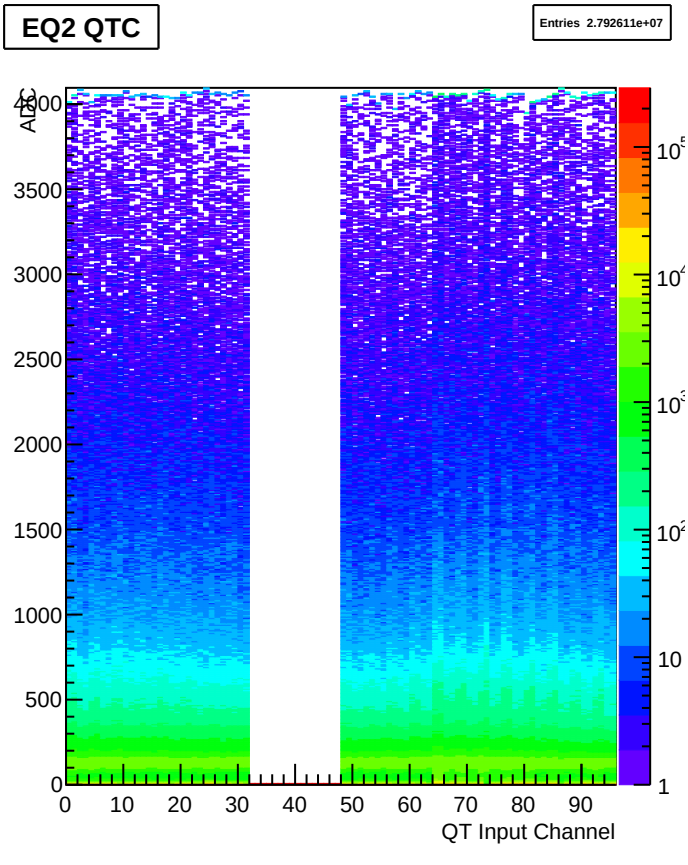

EQ1 QTB
Entries 2.836497e+07
TDC
QT Input Channel

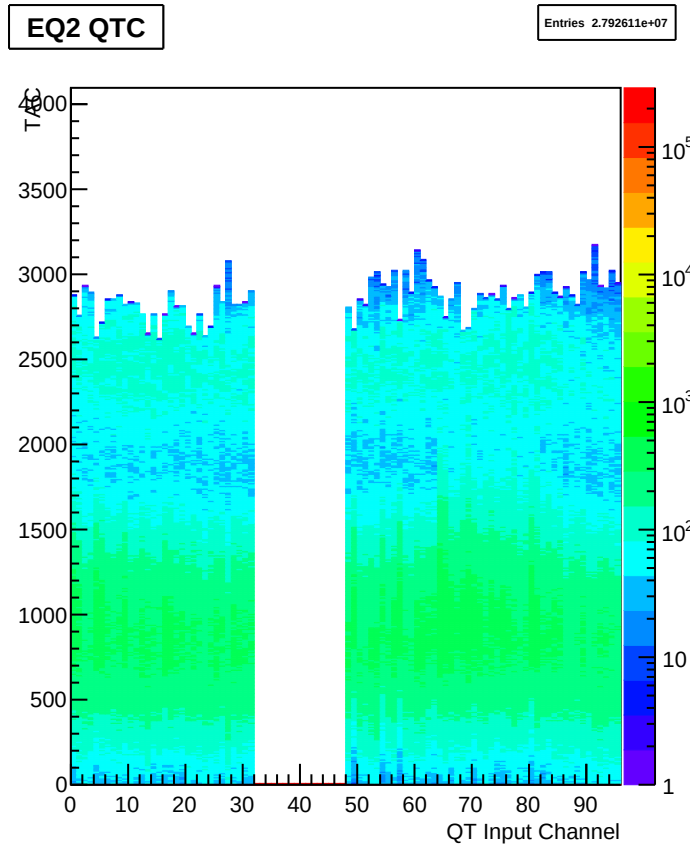

EQ1 QTC
Entries 2.792611e+07
ADC
QT Input Channel

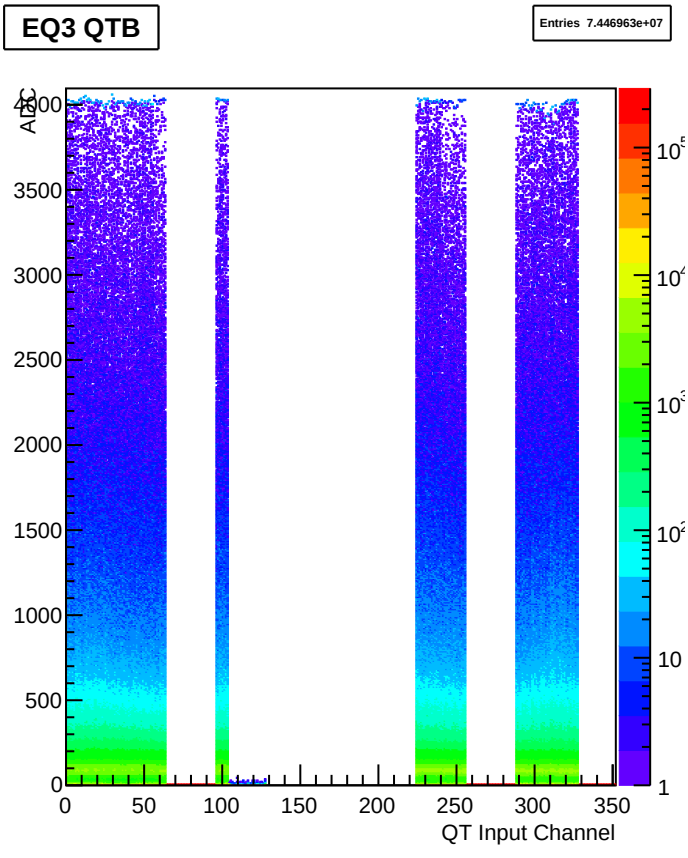

EQ1 QTC
Entries 2.792611e+07
TADC
QT Input Channel

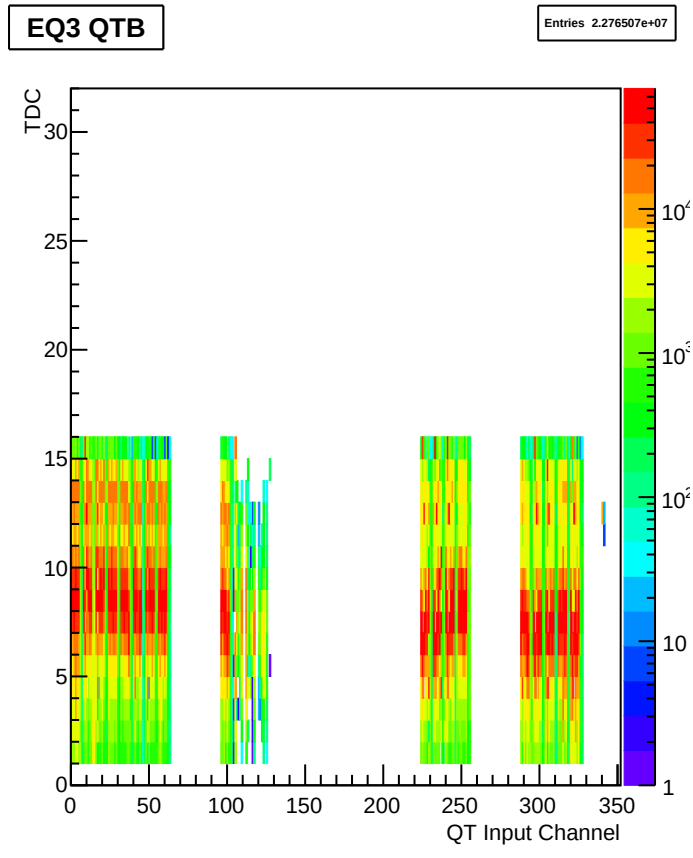

EQ2 QTB
Entries 8.377834e+07
ADC
QT Input Channel

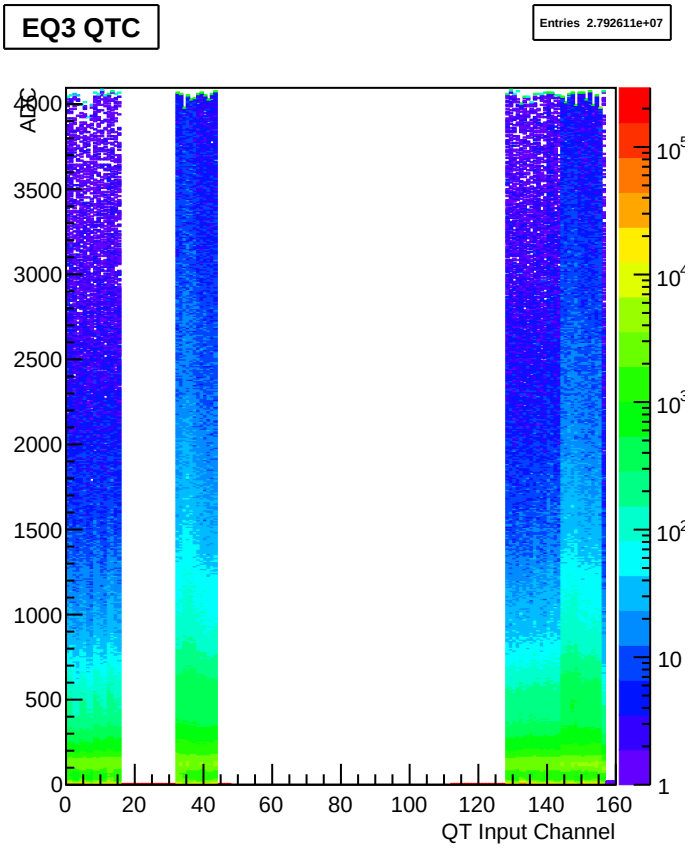

EQ2 QTB
Entries 2.843419e+07
TDC
QT Input Channel

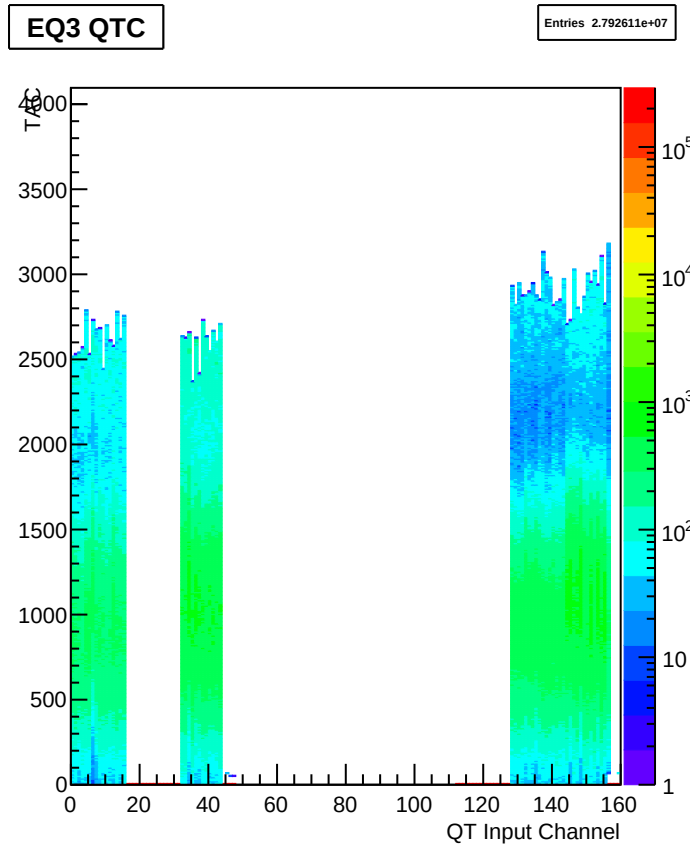

EQ2 QTC
Entries 2.792611e+07
ADC
QT Input Channel

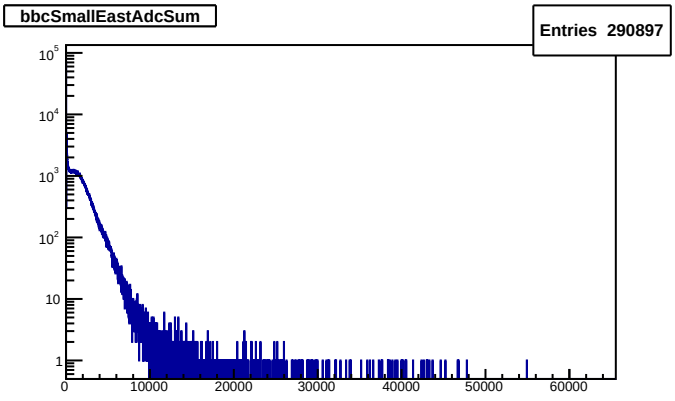

EQ2 QTC
Entries 2.792611e+07
TADC
QT Input Channel

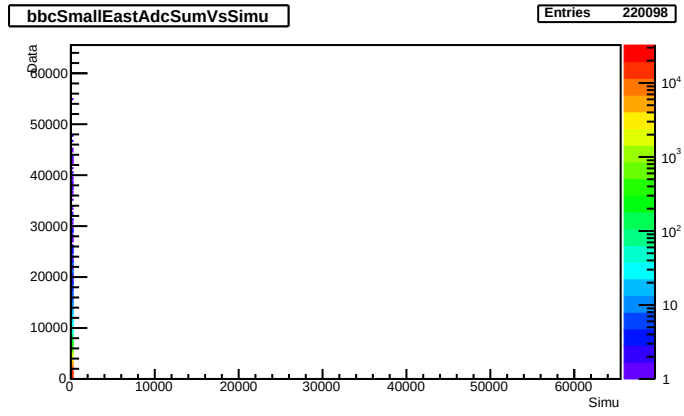

EQ3 QTB
Entries 7.446963e+07
ADC
QT Input Channel

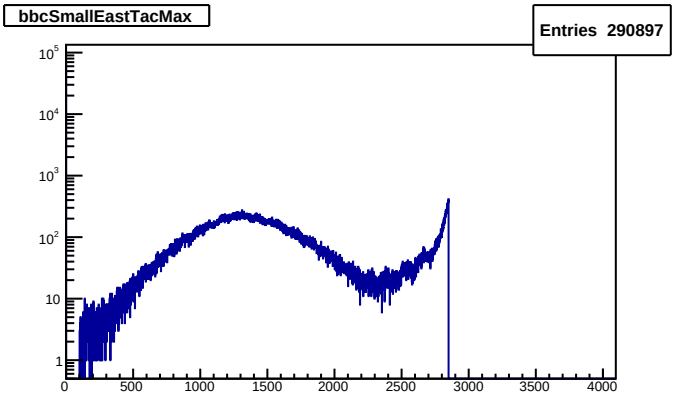

EQ3 QTB
Entries 2.276507e+07
TDC
QT Input Channel

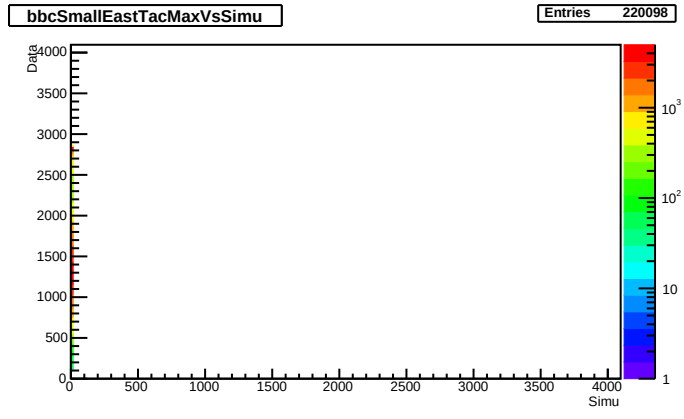

EQ3 QTC
Entries 2.792611e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.792611e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 290897


bbcSmallEastAdcSumVsSimu
Entries 220098
Data
Simu


bbcSmallEastTacMax
Entries 290897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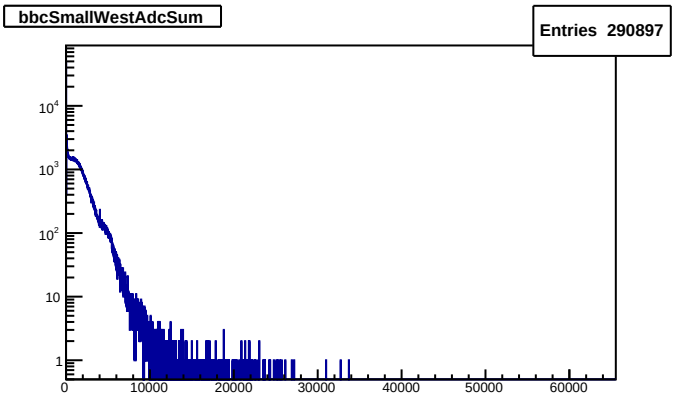
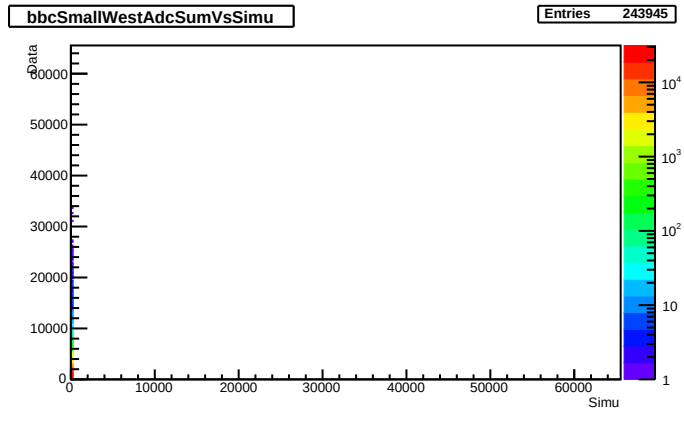
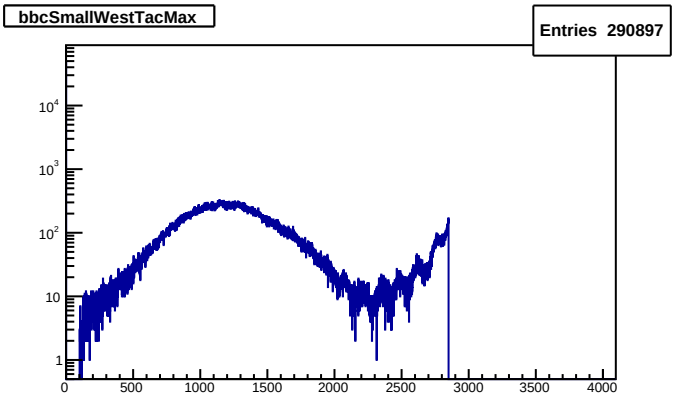
Data
Simu


bbcSmallWestAdcSum
Entries 290897


bbcSmallWestAdcSumVsSimu
Entries 243945
Data
Simu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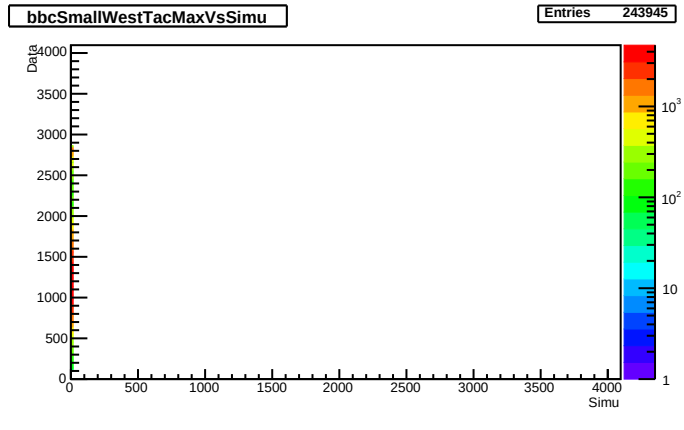
Entries 290897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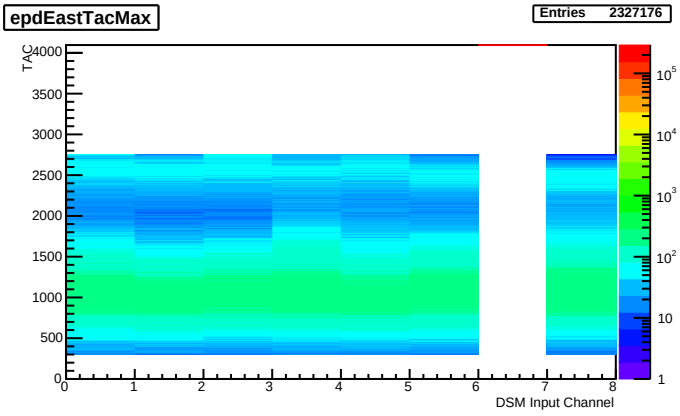
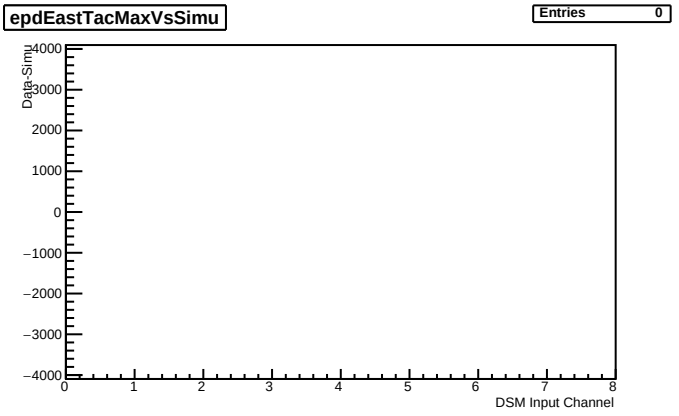
Entries 243945
Data
Simu


epdEastTacMax
Entries 2327176
TAC
DSM Input Channel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Entries 0
Data-Simu
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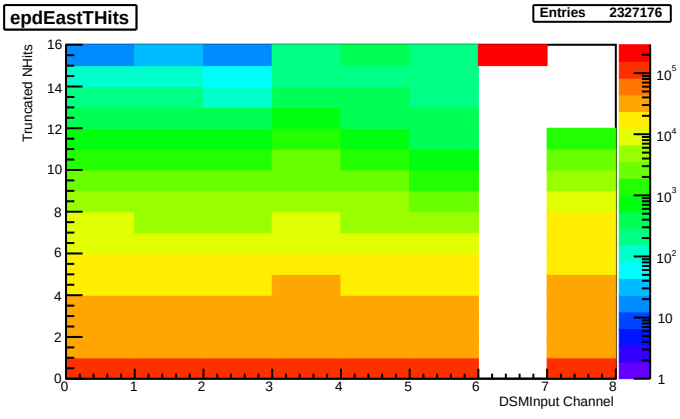
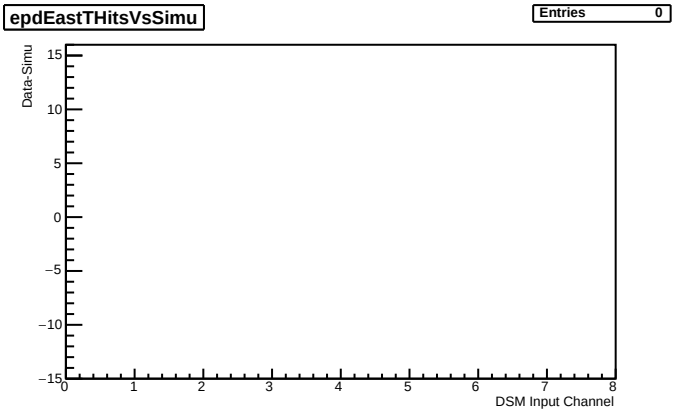

epdEastTHits
Entries 2327176
Truncated NHits
DSMInput Channel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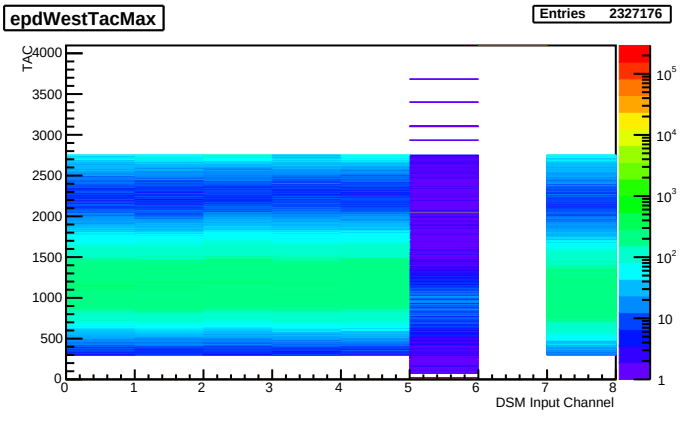
Data-Simu
DSM Input Channel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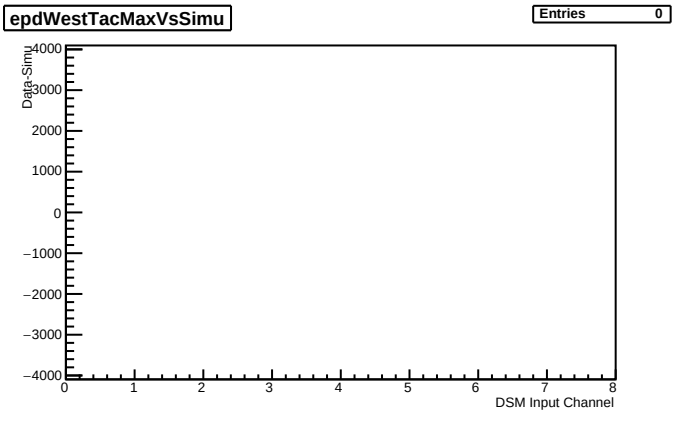
Entries 2327176
TAC
DSM Input Channel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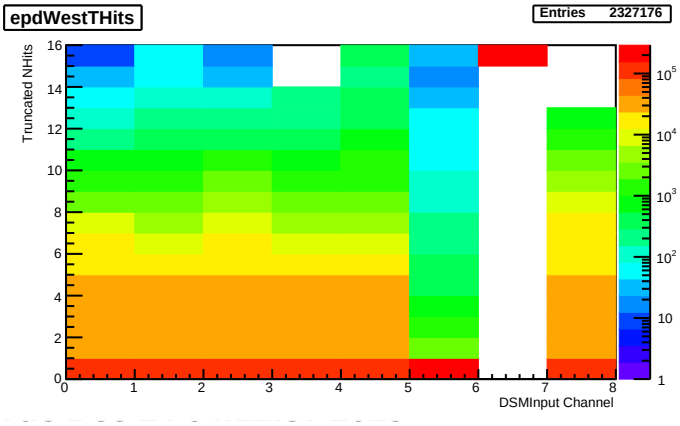
Entries 0
Data-Simu
DSM Input Channel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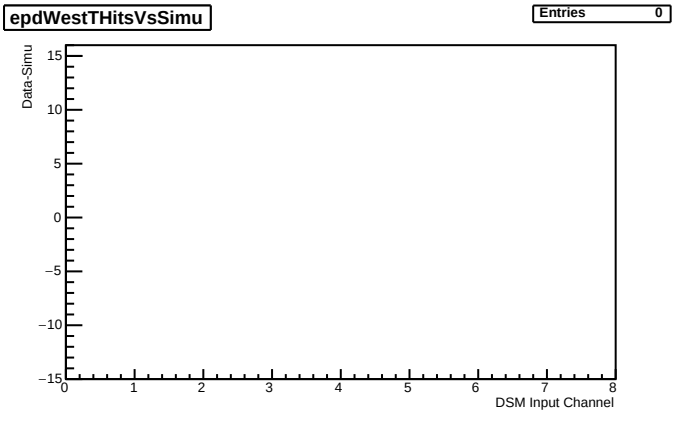
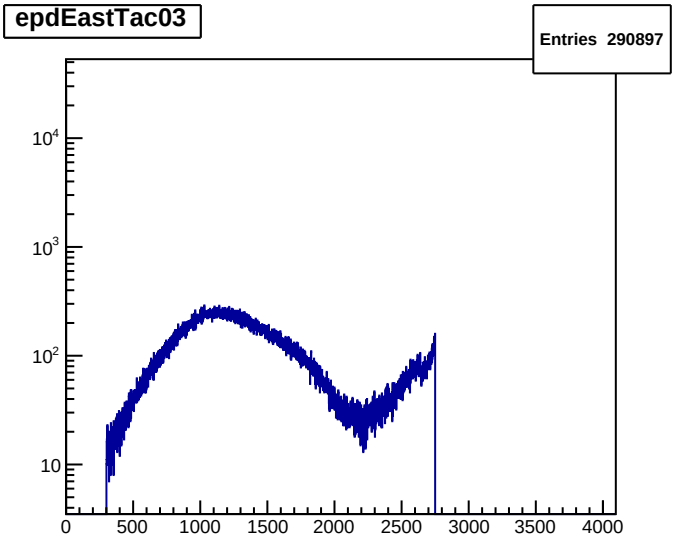
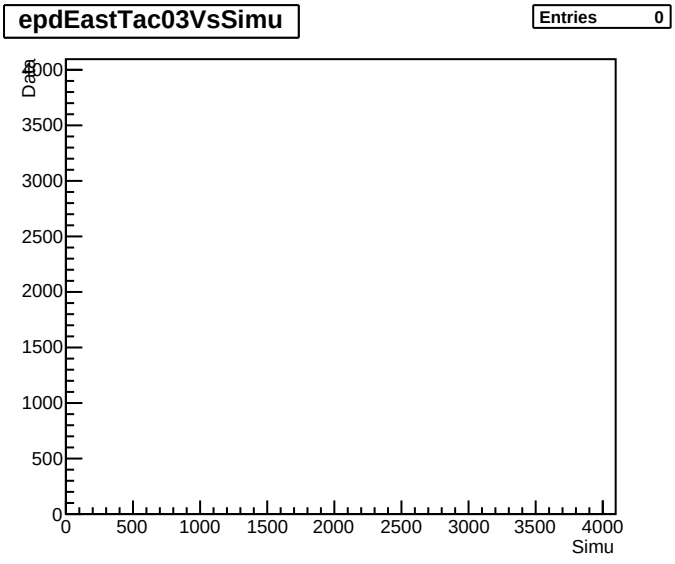
Entries 2327176
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 290897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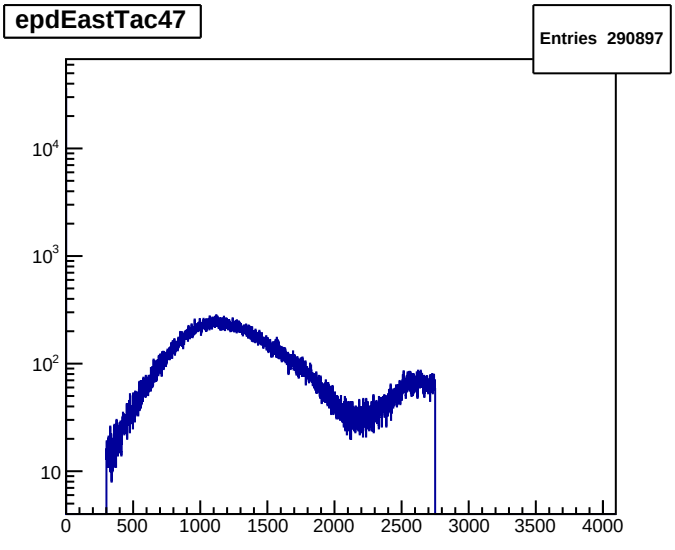
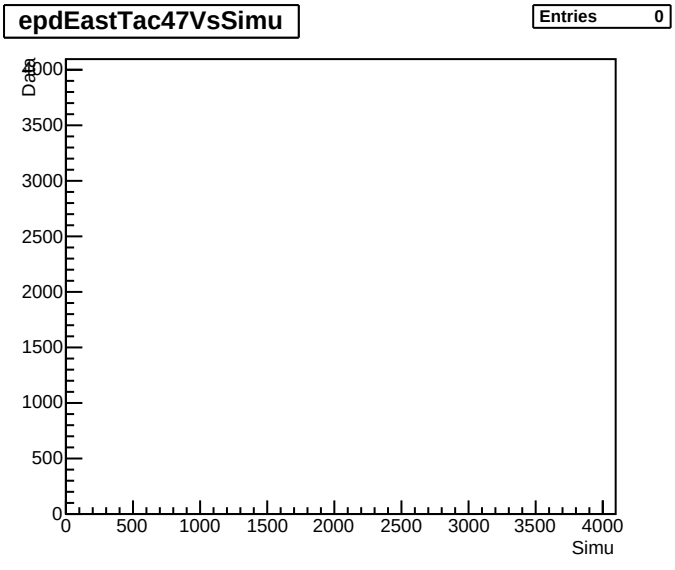
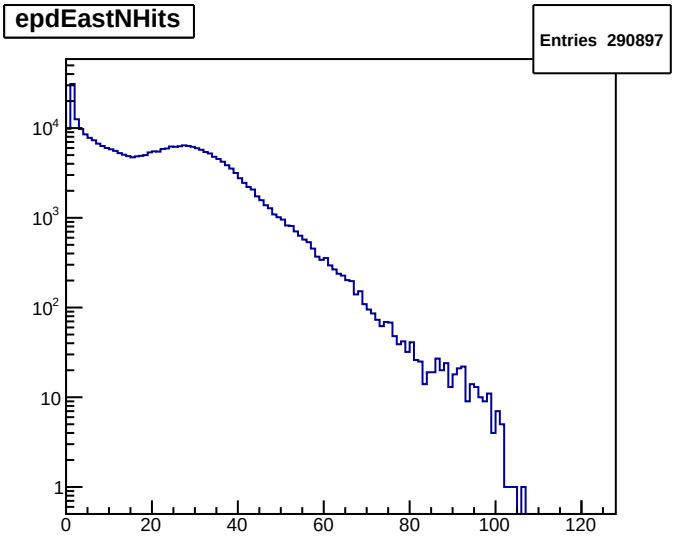
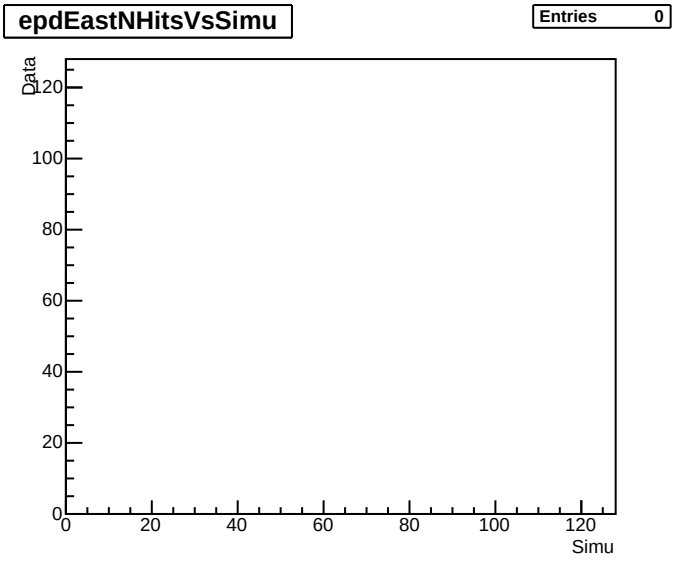
Entries 0
Data
Simu


epdEastTac47
Entries 290897


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 290897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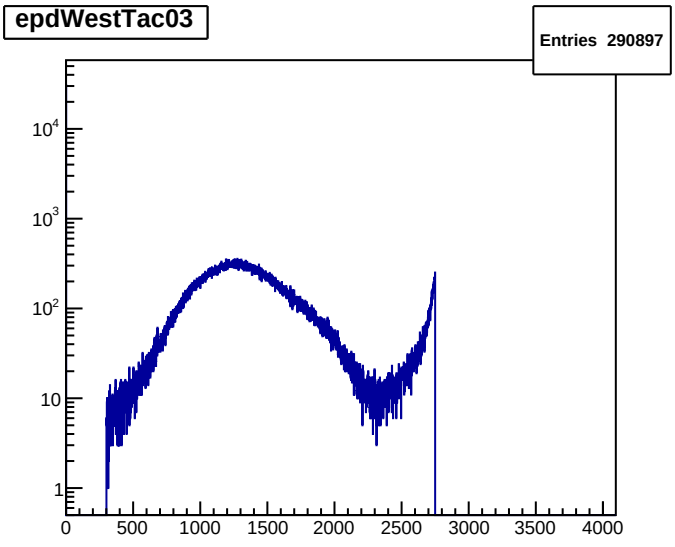
Entries 0
Data
Simu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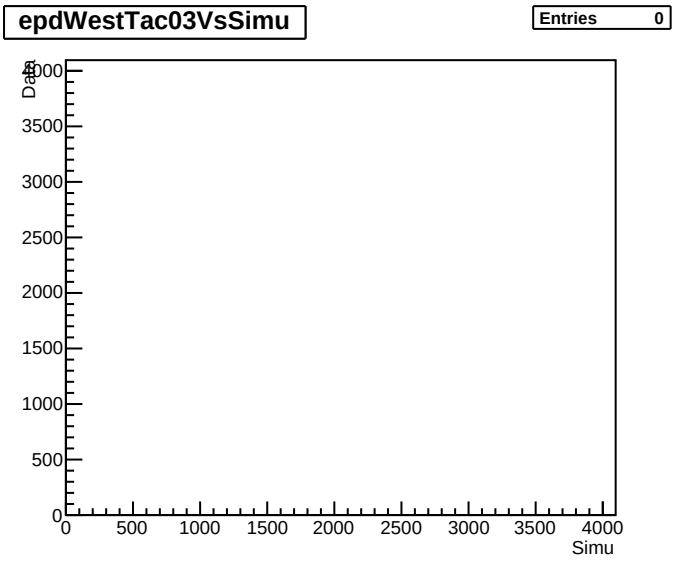
Entries 290897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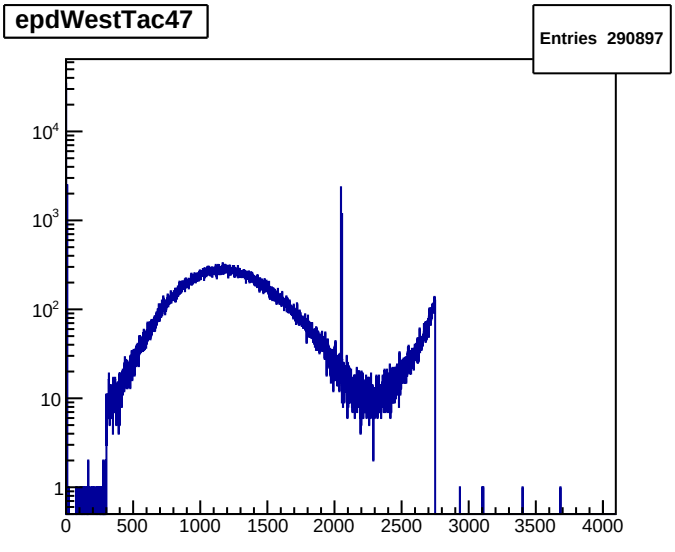
Entries 0
Data
Simu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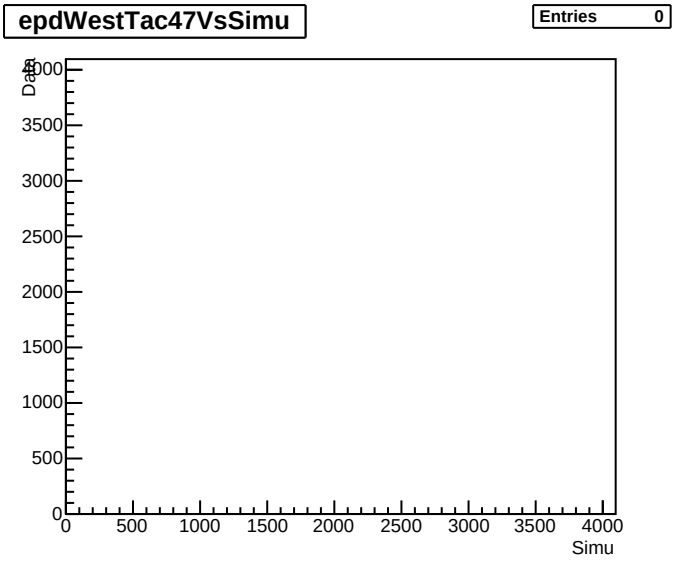
Entries 290897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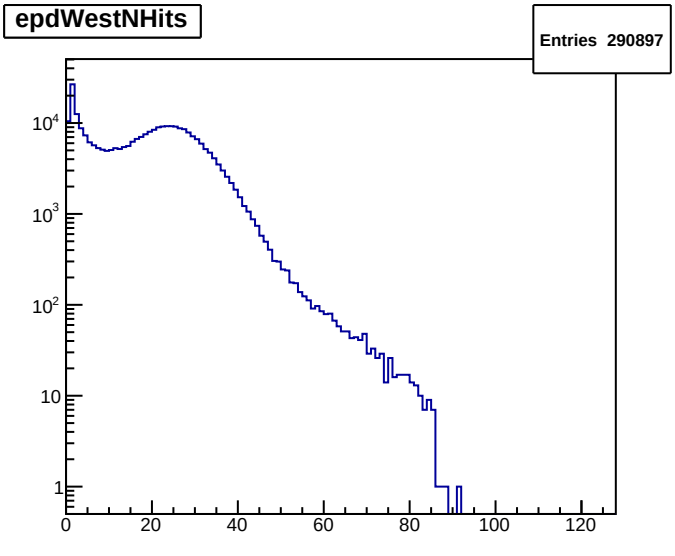
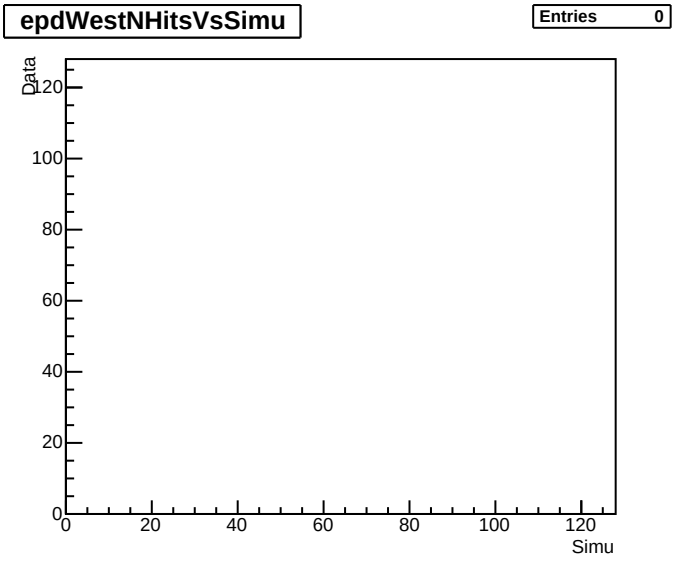
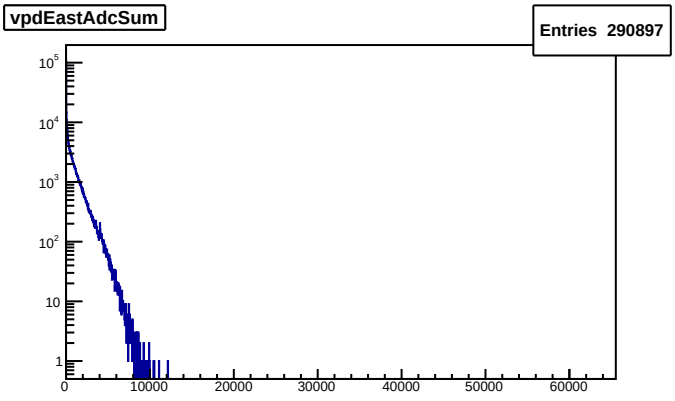
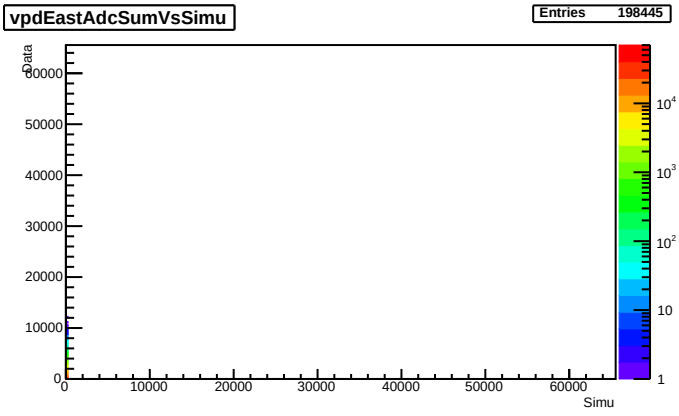
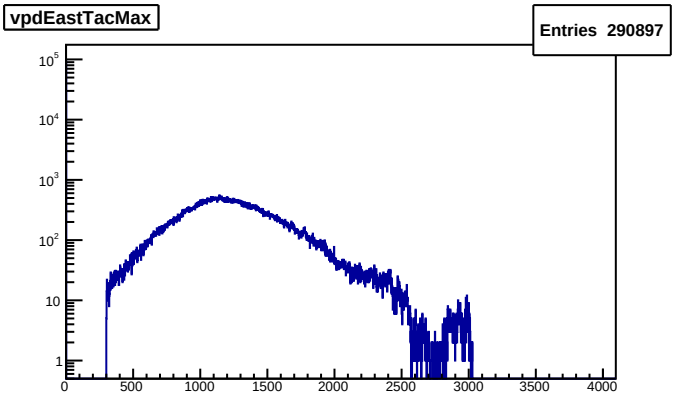
Entries 0
Data
Simu

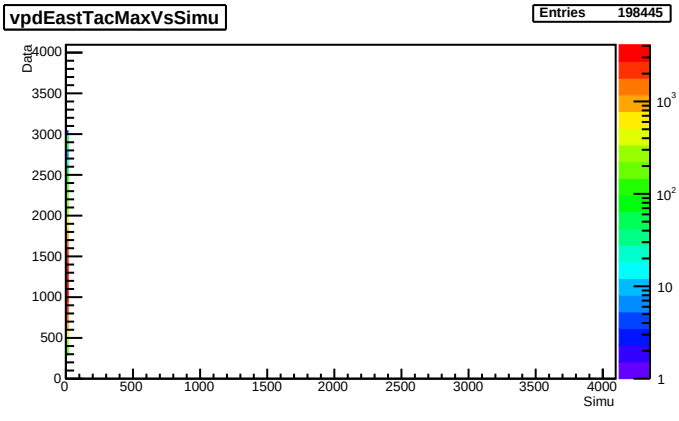

epdWestNHits
Entries 290897

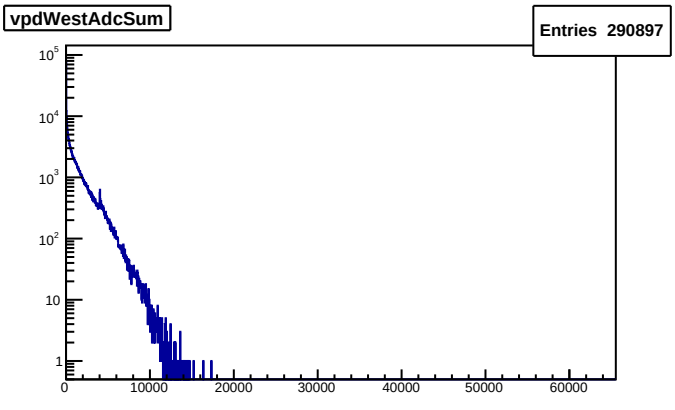

epdWestNHitsVsSimu
Entries 0
Data
Simu

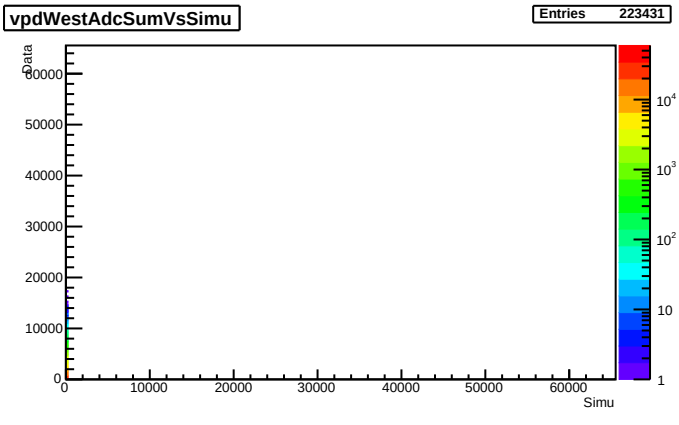

vpdEastAdcSum
Entries 290897

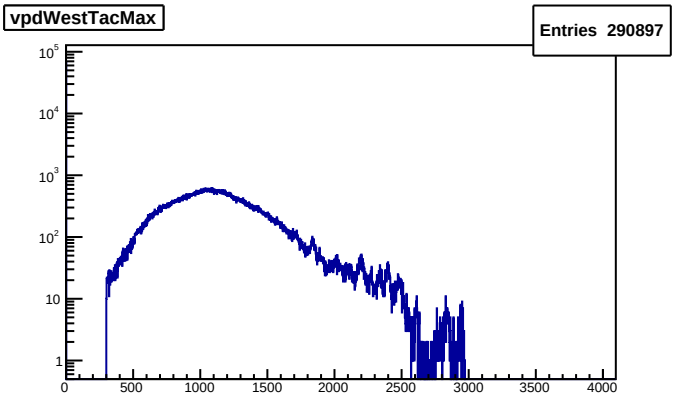

vpdEastAdcSumVsSimu
Entries 198445
Data
Simu

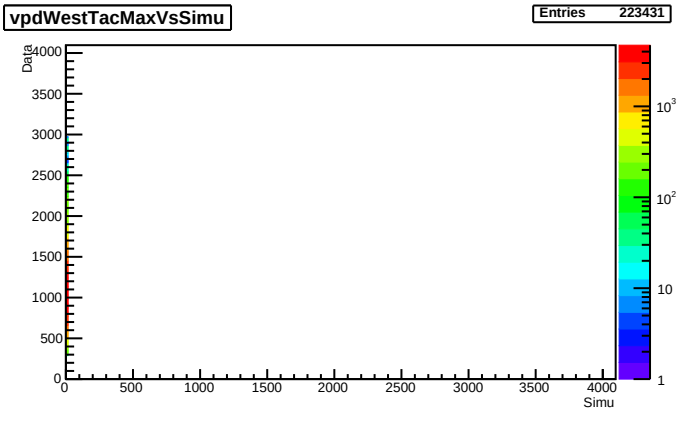

vpdEastTacMax
Entries 290897

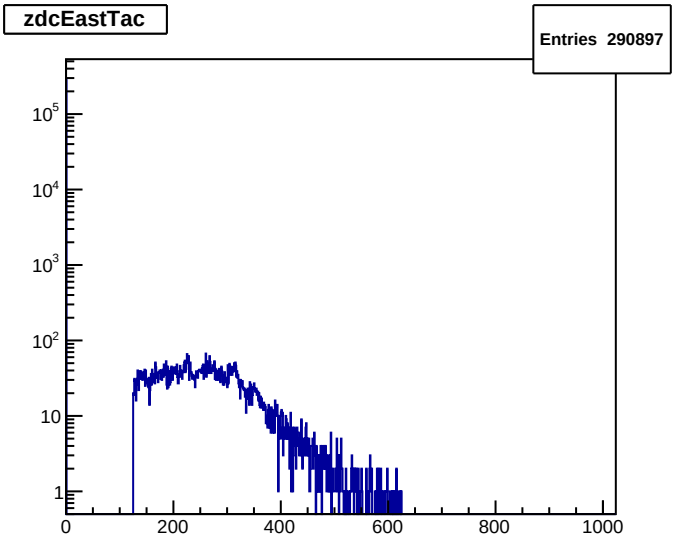

vpdEastTacMaxVsSimu
Entries 198445
Data
Simu

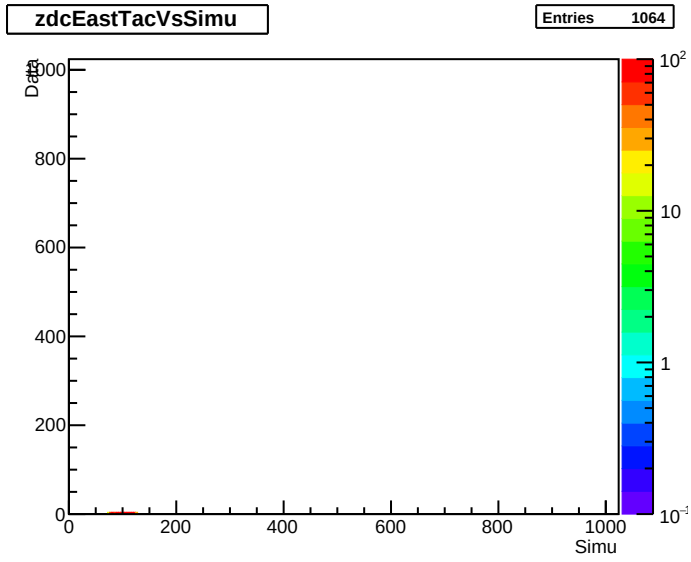

vpdWestAdcSum
Entries 290897

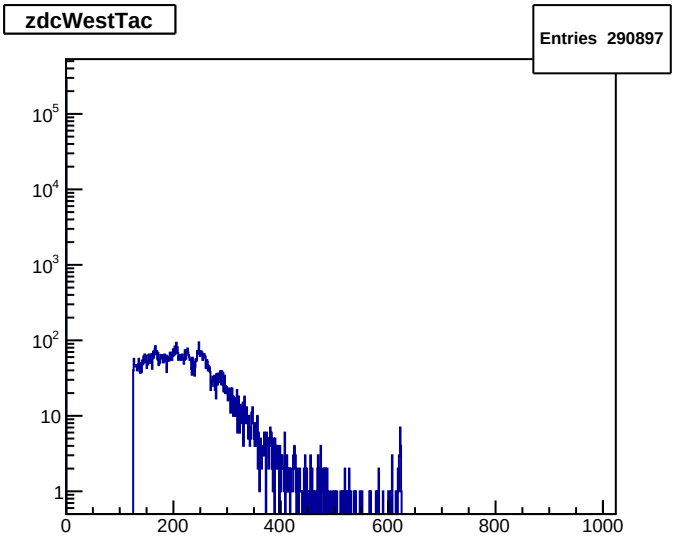

vpdWestAdcSumVsSimu
Entries 223431
Data
Simu

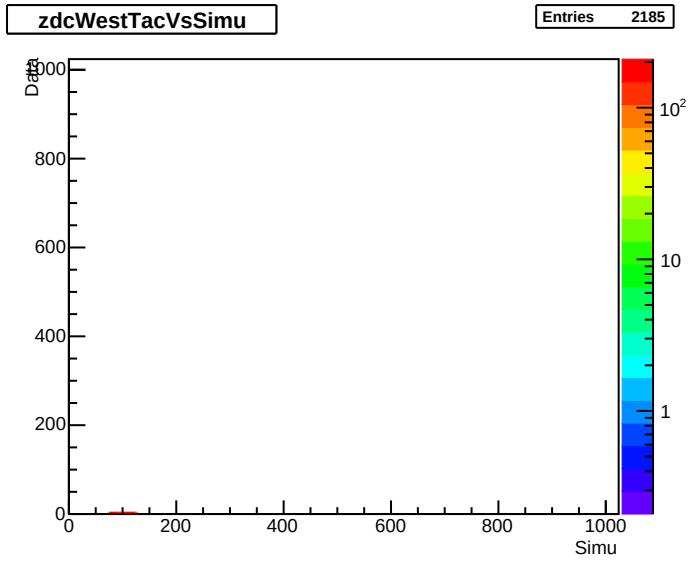

vpdWestTacMax
Entries 290897

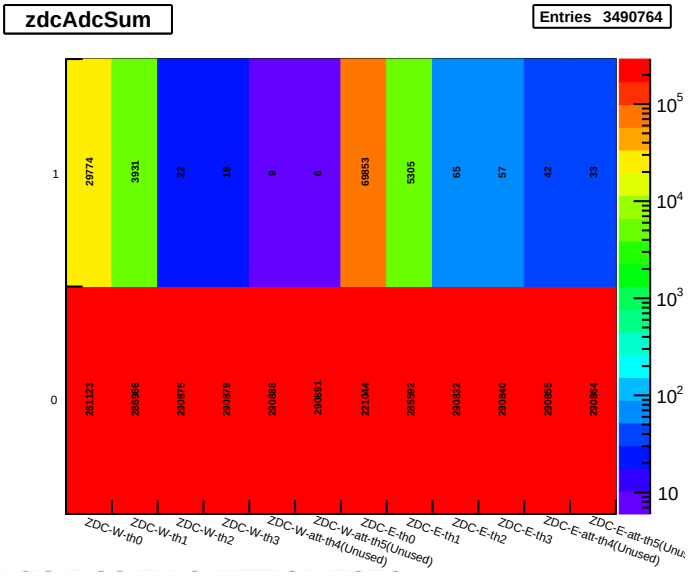

vpdWestTacMaxVsSimu
Entries 223431
Data
Simu

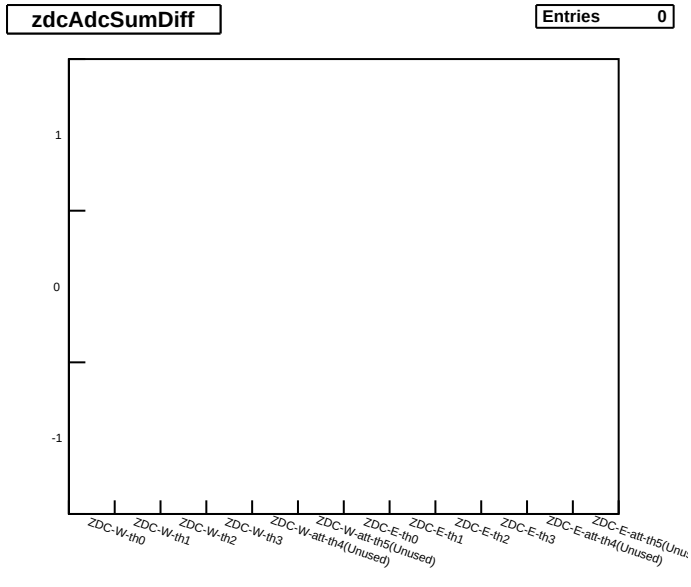

zdcEastTac
Entries 290897

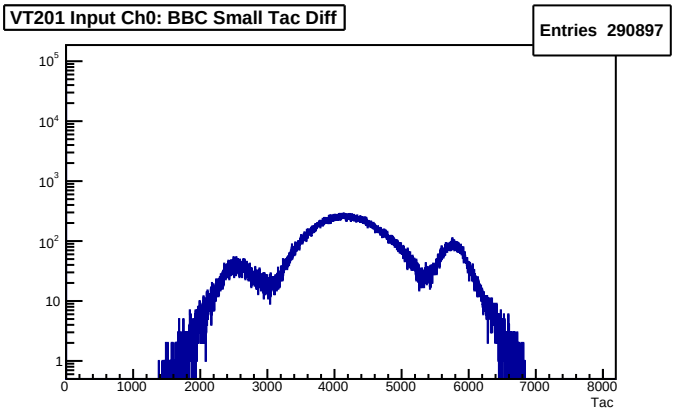

zdcEastTacVsSimu
Entries 1064
Data
Simu

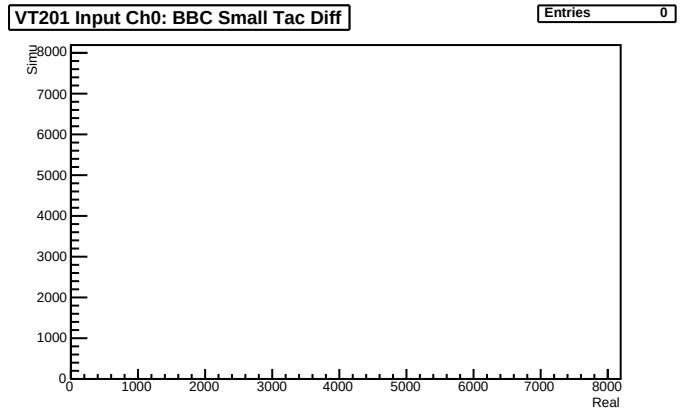

zdcWestTac
Entries 290897

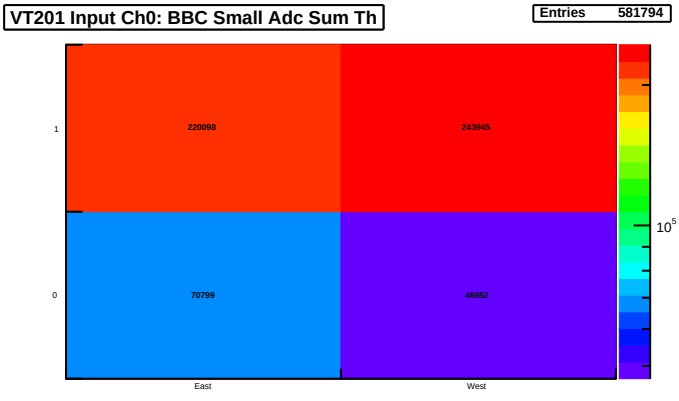

zdcWestTacVsSimu
Entries 2185
Data
Simu

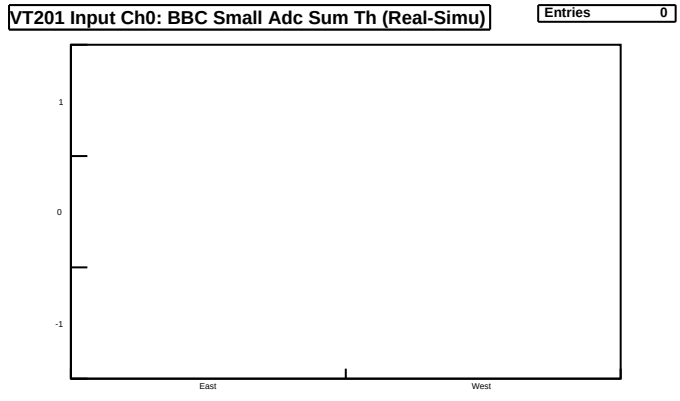

zdcAdcSum
Entries 3490764
29774
3931
22
18
9
6
69853
5305
65
57
42
33
261123
286966
290875
290870
290888
290891
221044
285592
290832
290840
290855
290864
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

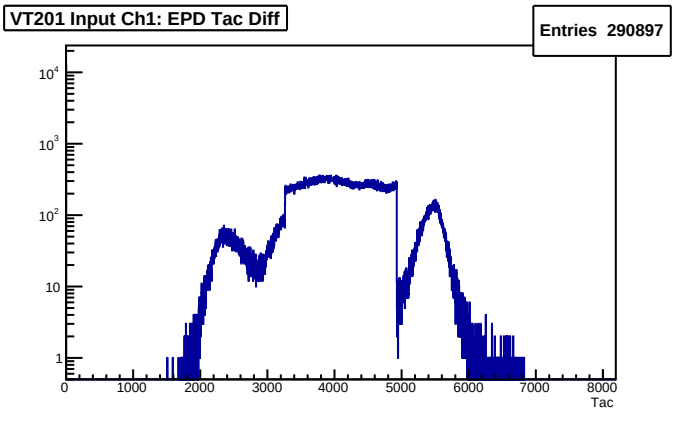

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

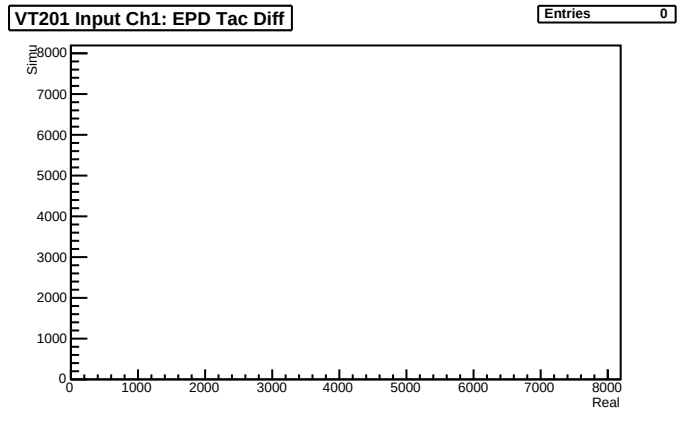

VT201 Input Ch0: BBC Small Tac Diff
Entries 290897
Tac

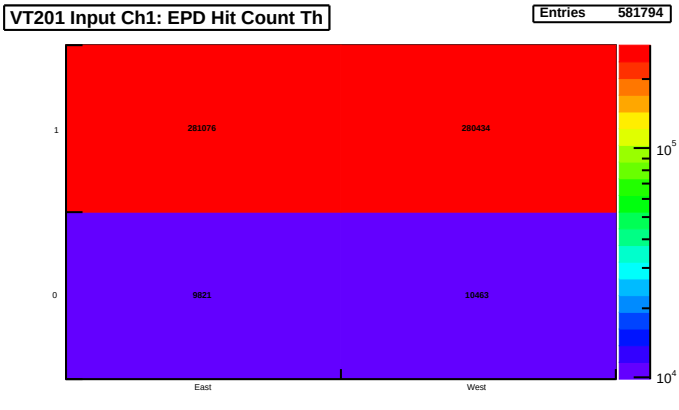

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

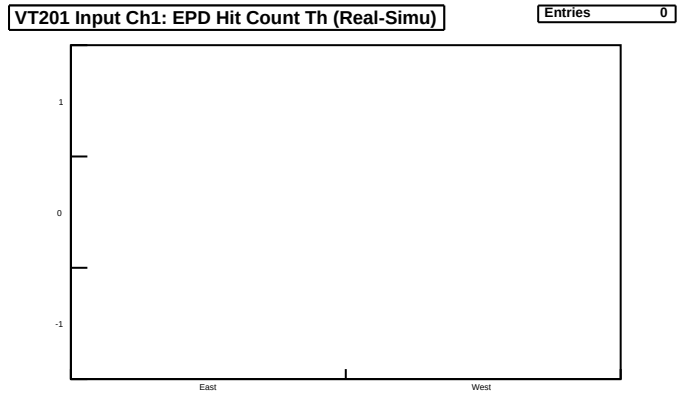

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 581794
220098
243945
70799
46952
East
West

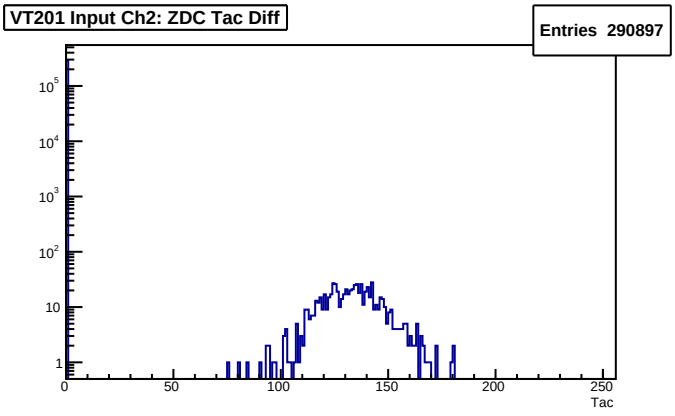

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

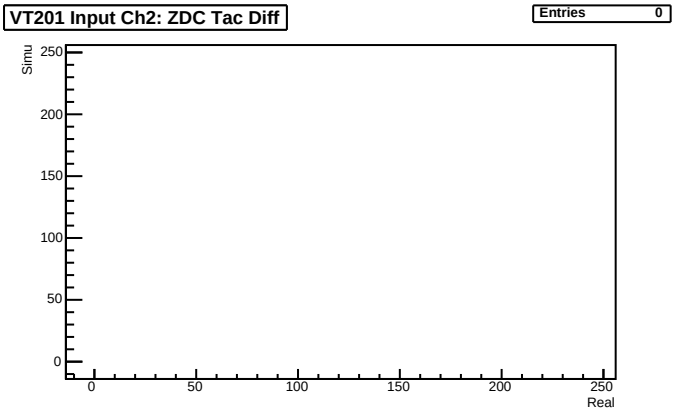

VT201 Input Ch1: EPD Tac Diff
Entries 290897
Tac

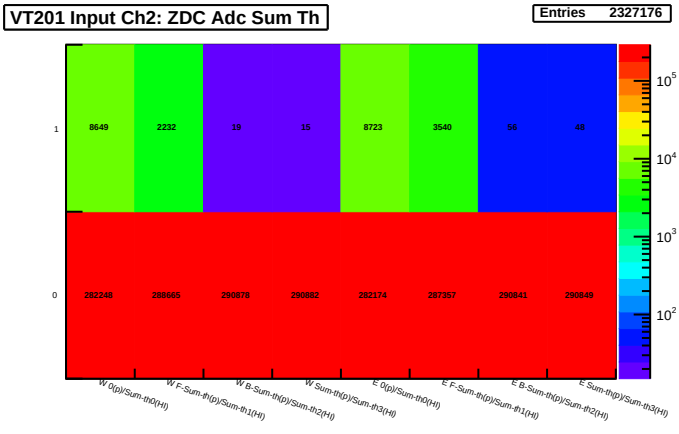

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

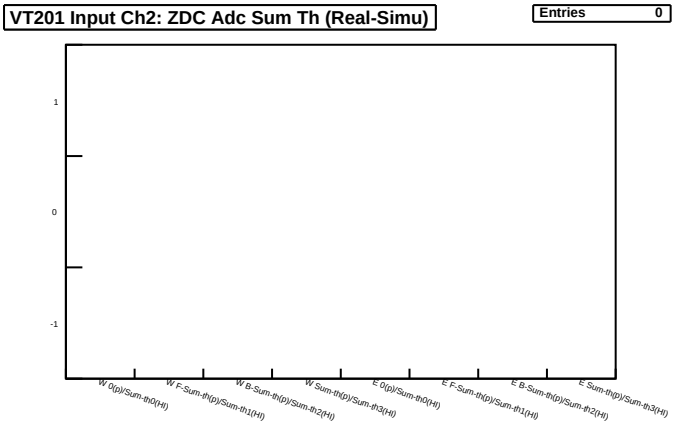

VT201 Input Ch1: EPD Hit Count Th
Entries 581794
281076
280434
9821
10463
East
West

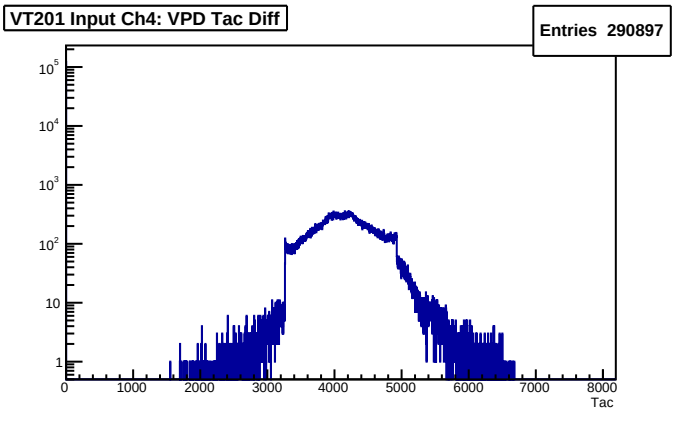

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

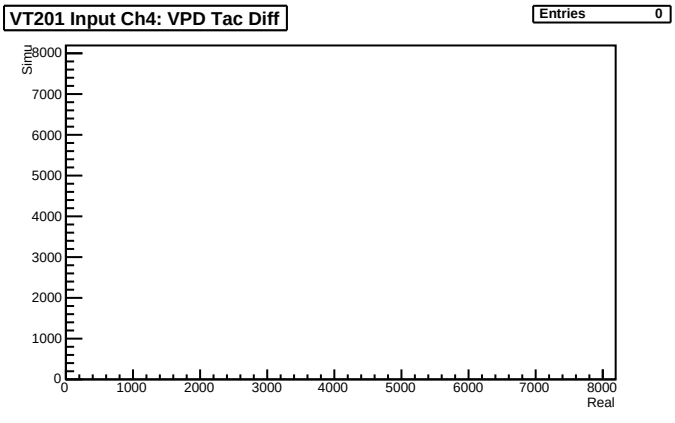

VT201 Input Ch2: ZDC Tac Diff
Entries 290897
Tac

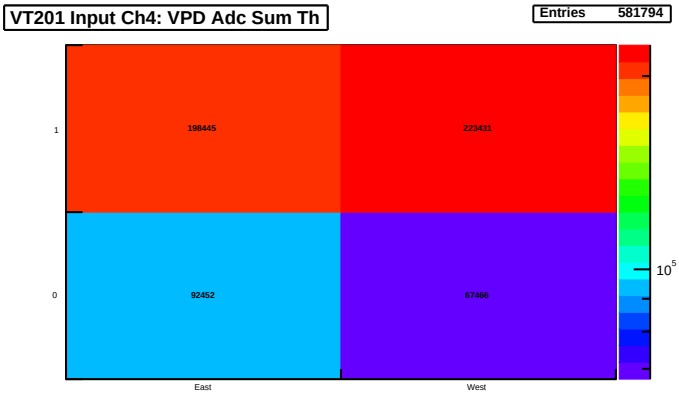

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

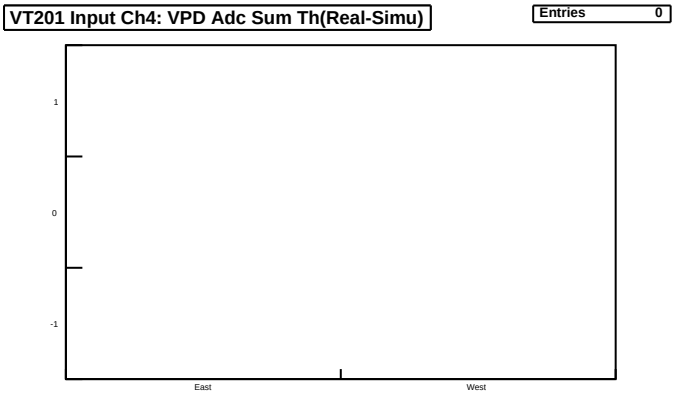

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2327176
8649
2232
19
15
8723
3540
56
48
282248
288665
290878
290882
282174
287357
290841
290849
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

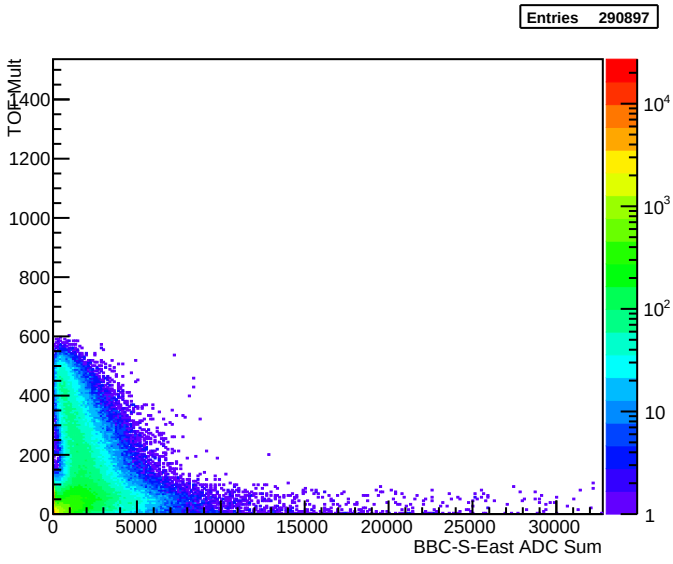

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

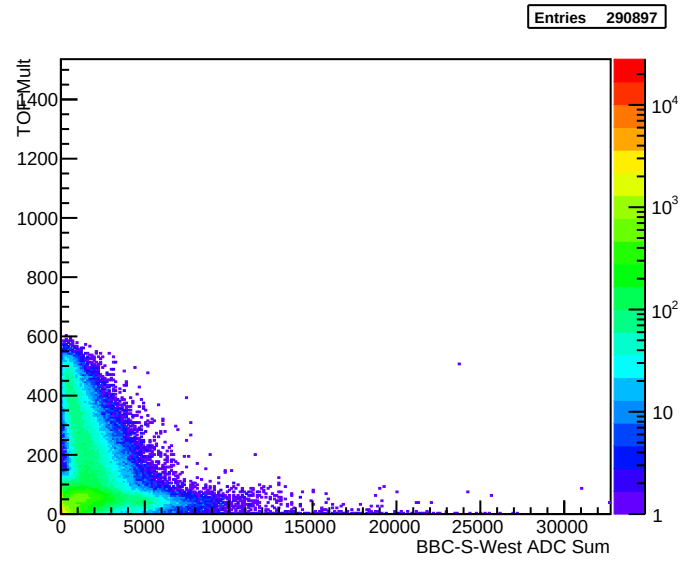

VT201 Input Ch4: VPD Tac Diff
Entries 290897
Tac

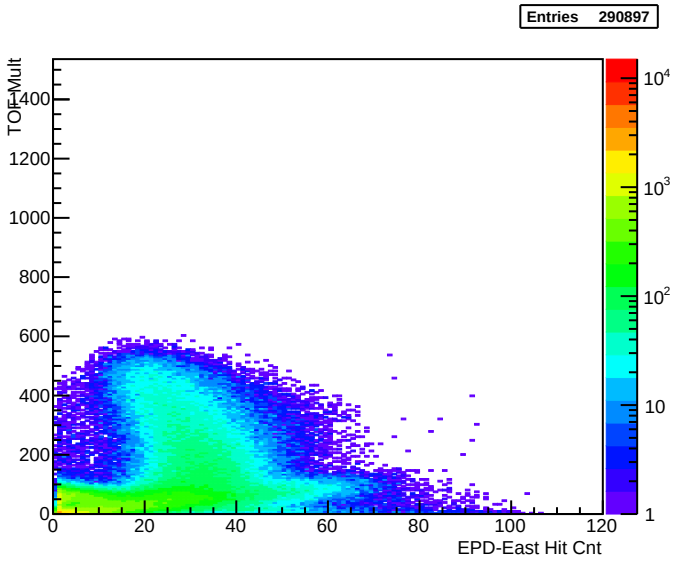

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

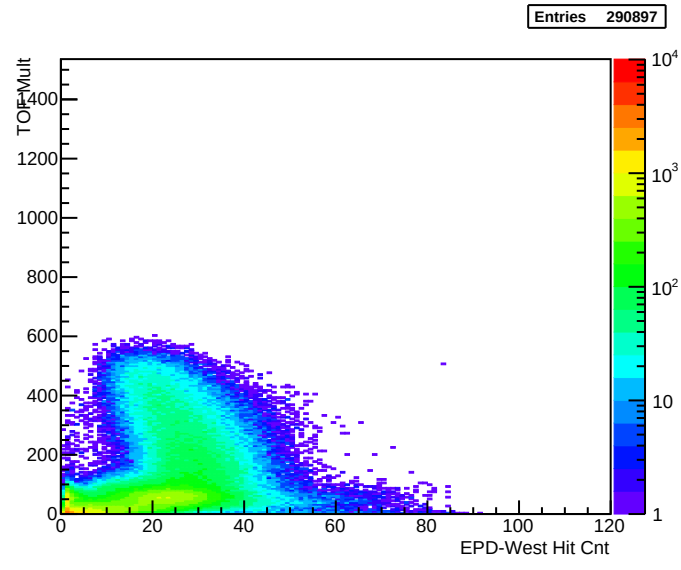

VT201 Input Ch4: VPD Adc Sum Th
Entries 581794
198445
223431
92452
67466
East
West

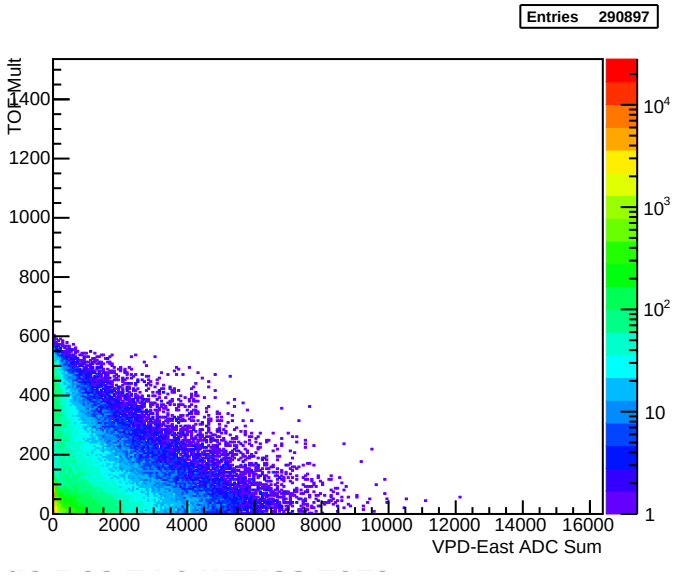

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

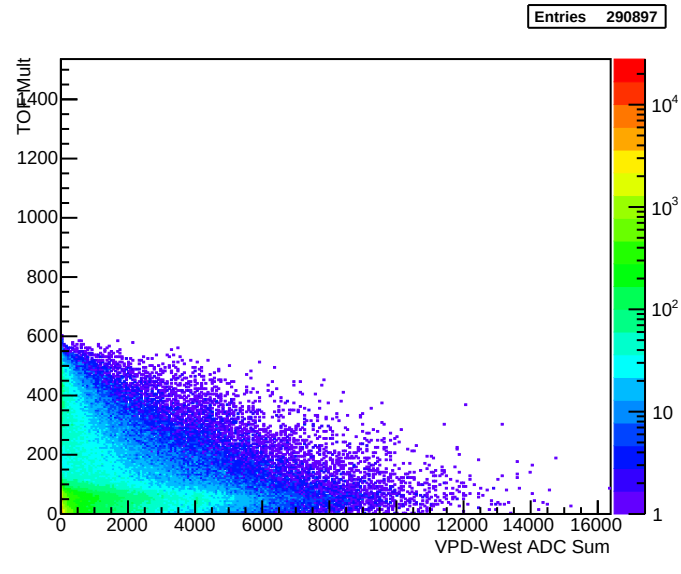

Entries 290897
TOF-Mult
BBC-S-East ADC Sum

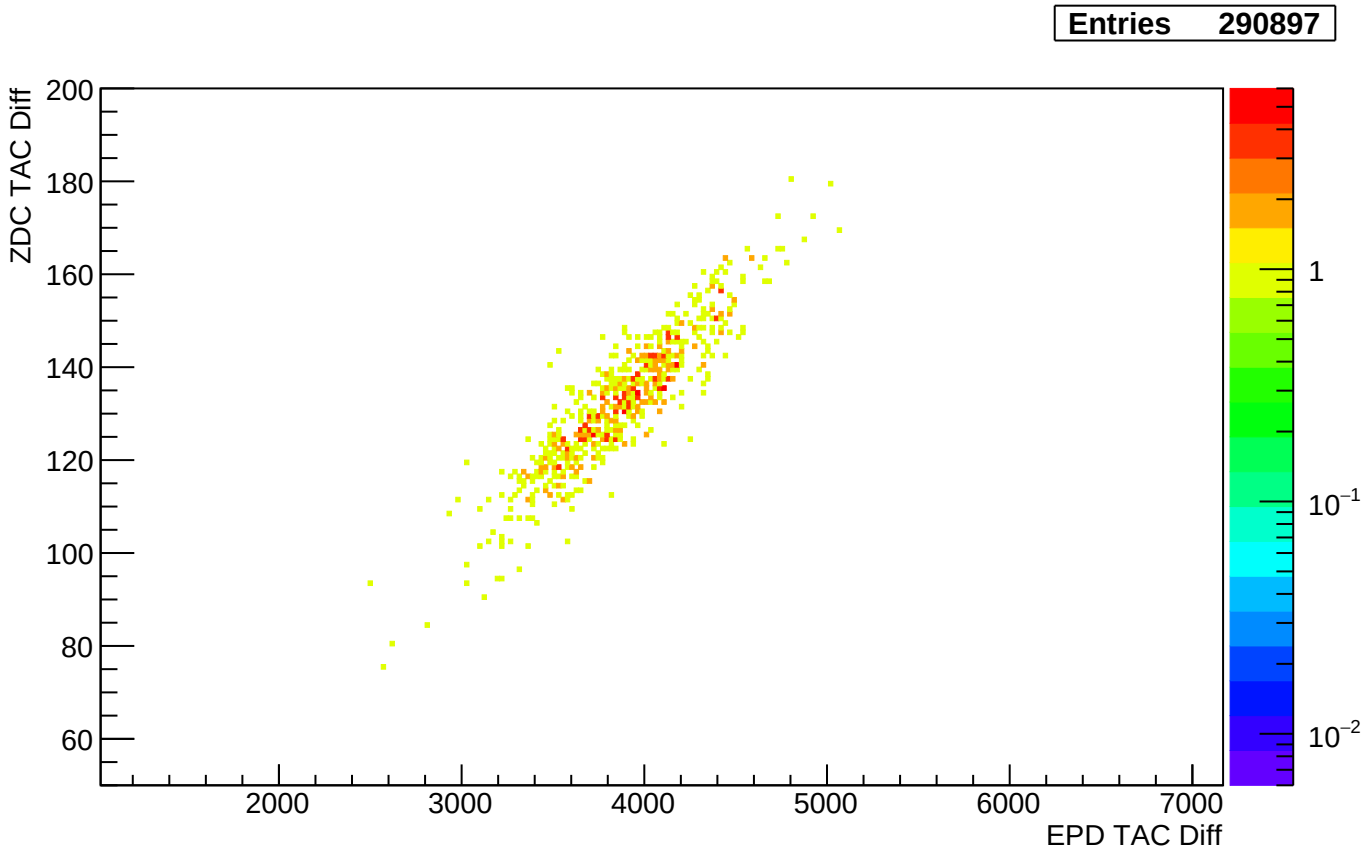

Entries 290897
TOF-Mult
BBC-S-West ADC Sum

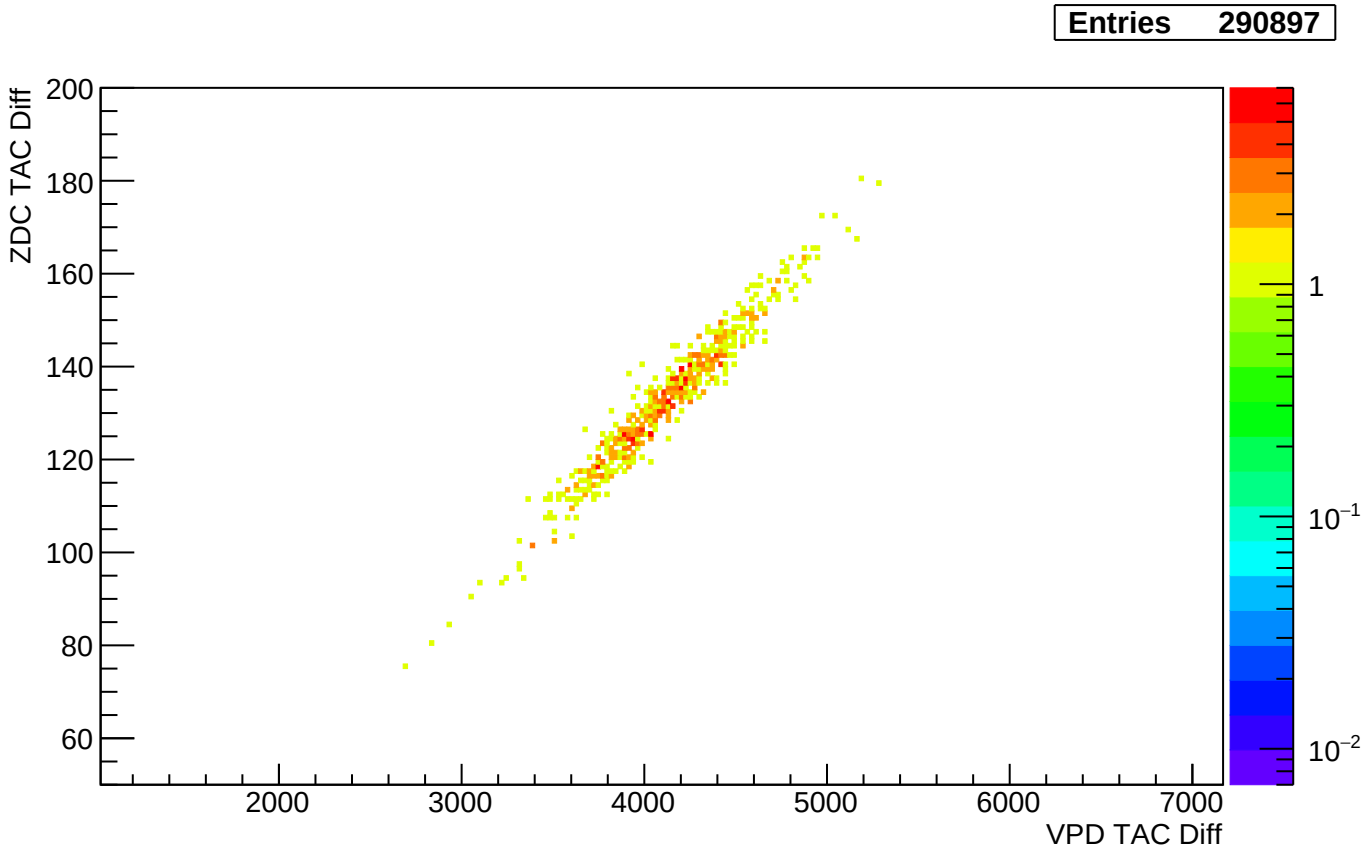

Entries 290897
TOF-Mult
EPD-East Hit Cnt

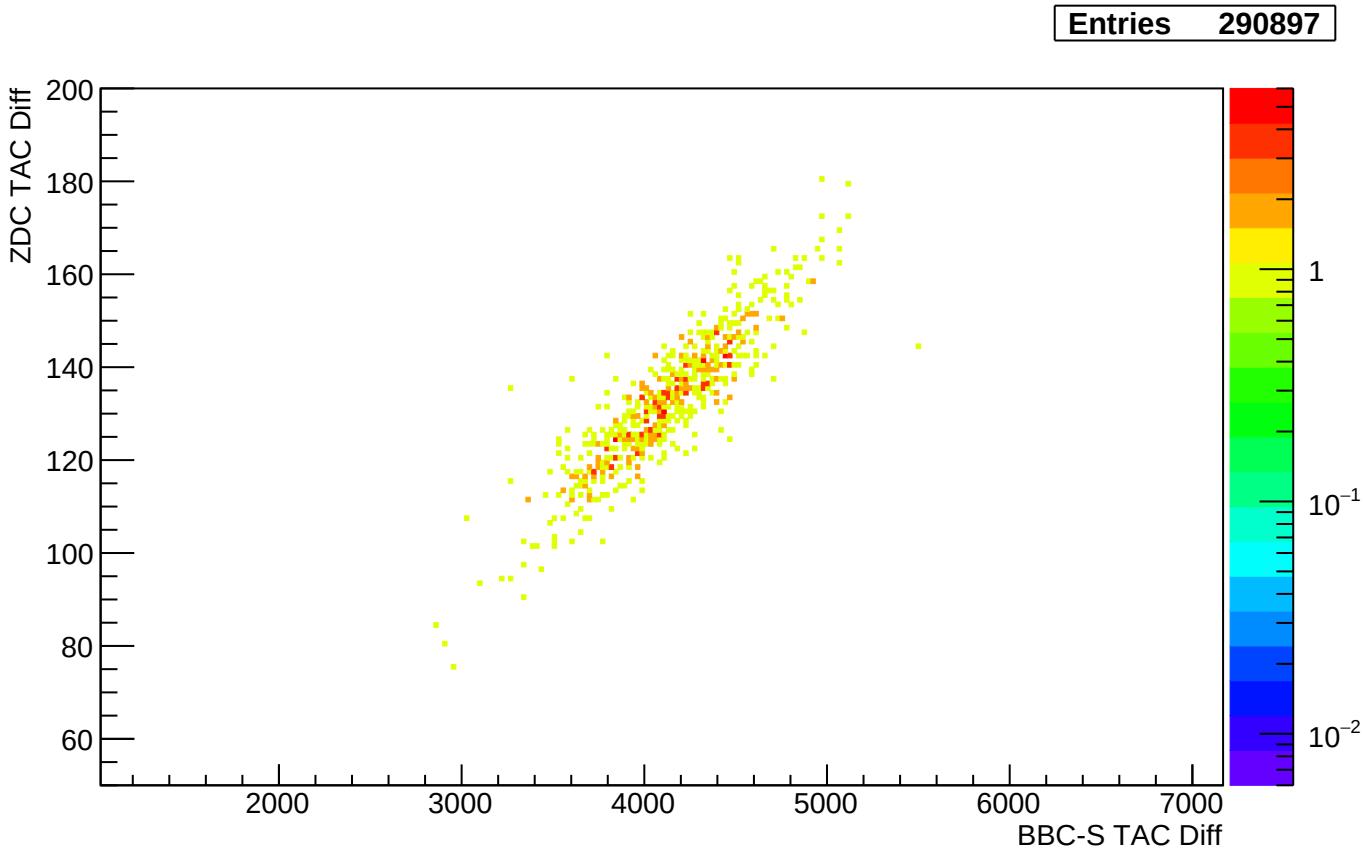

Entries 290897
TOF-Mult
EPD-West Hit Cnt

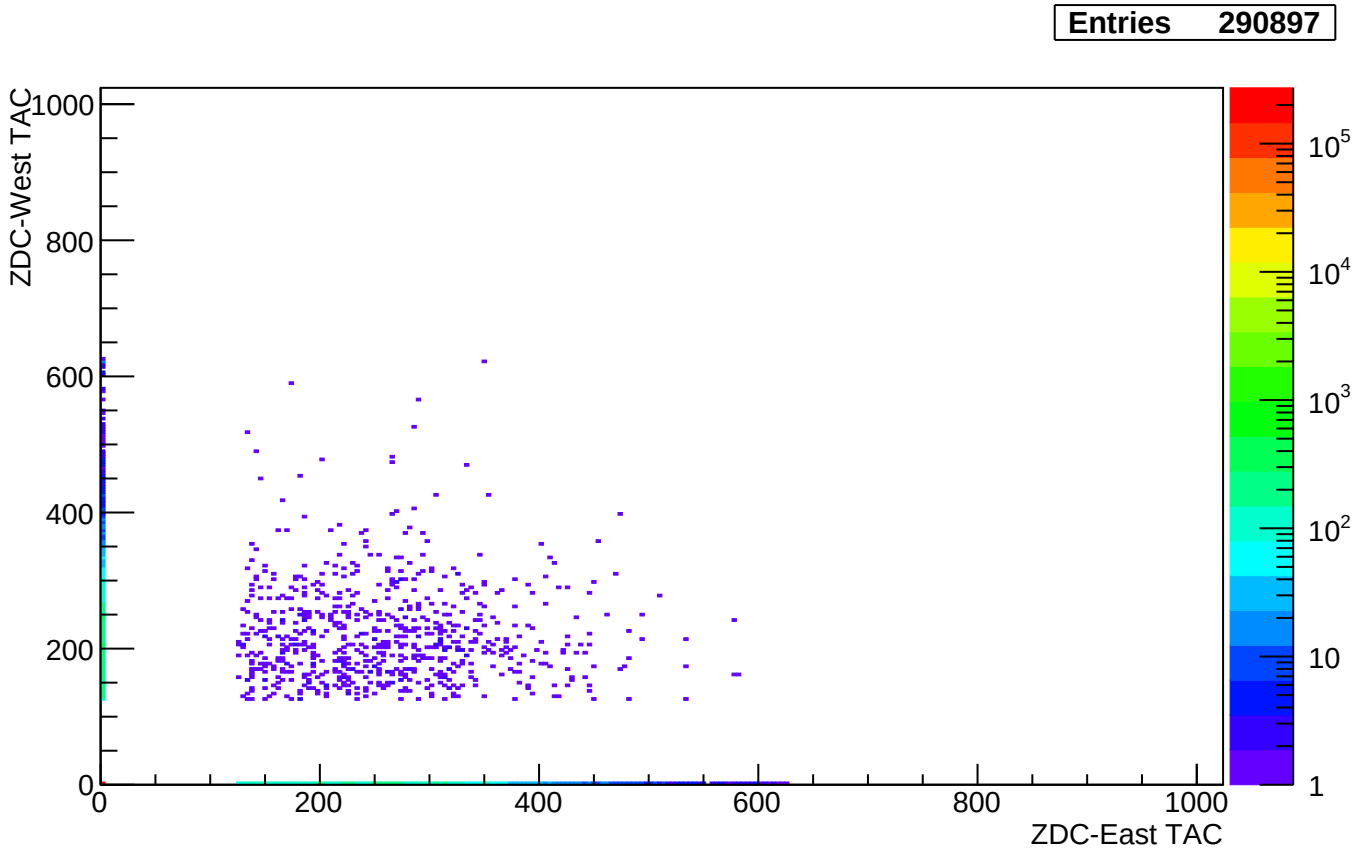

Entries 290897
TOF-Mult
VPD-East ADC Sum

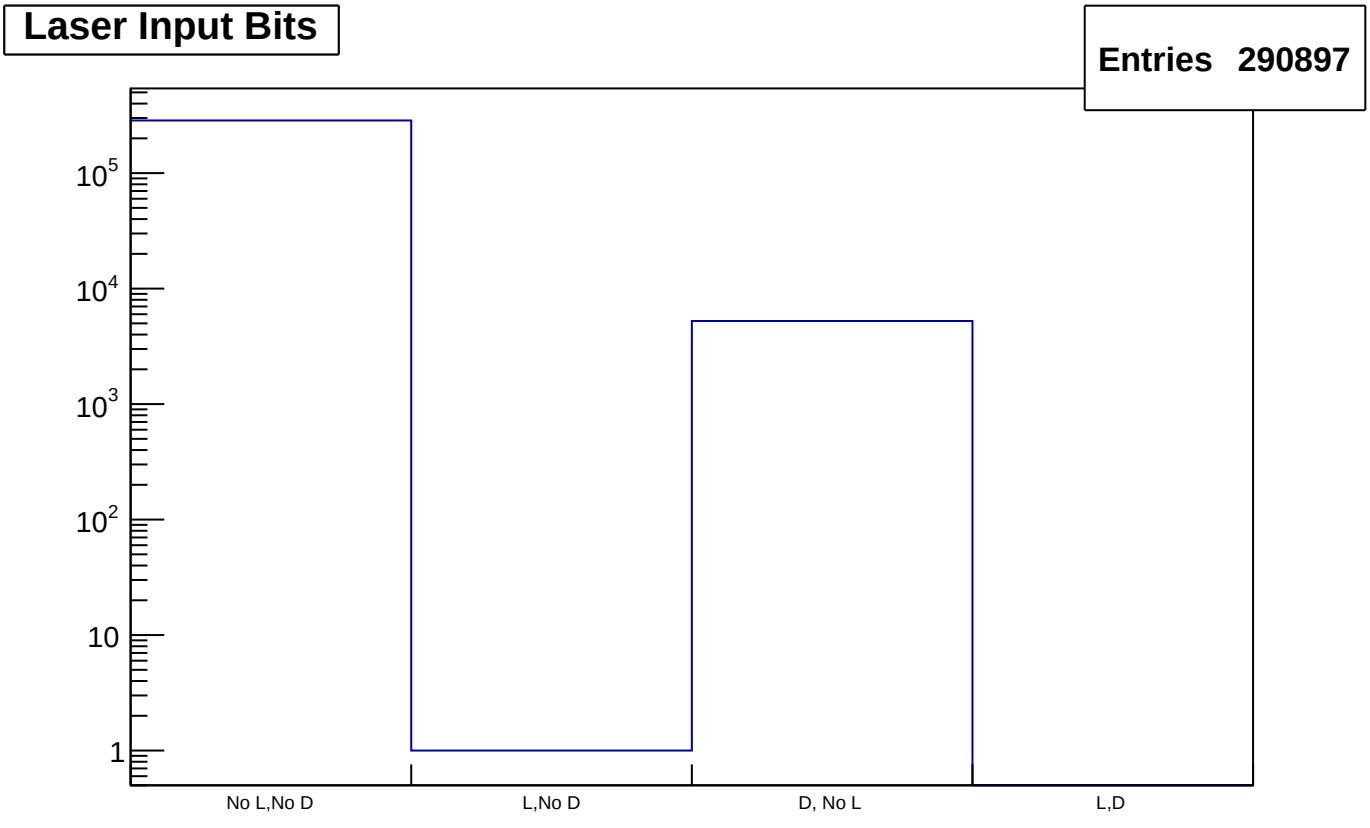

Entries 290897
TOF-Mult
VPD-West ADC Sum

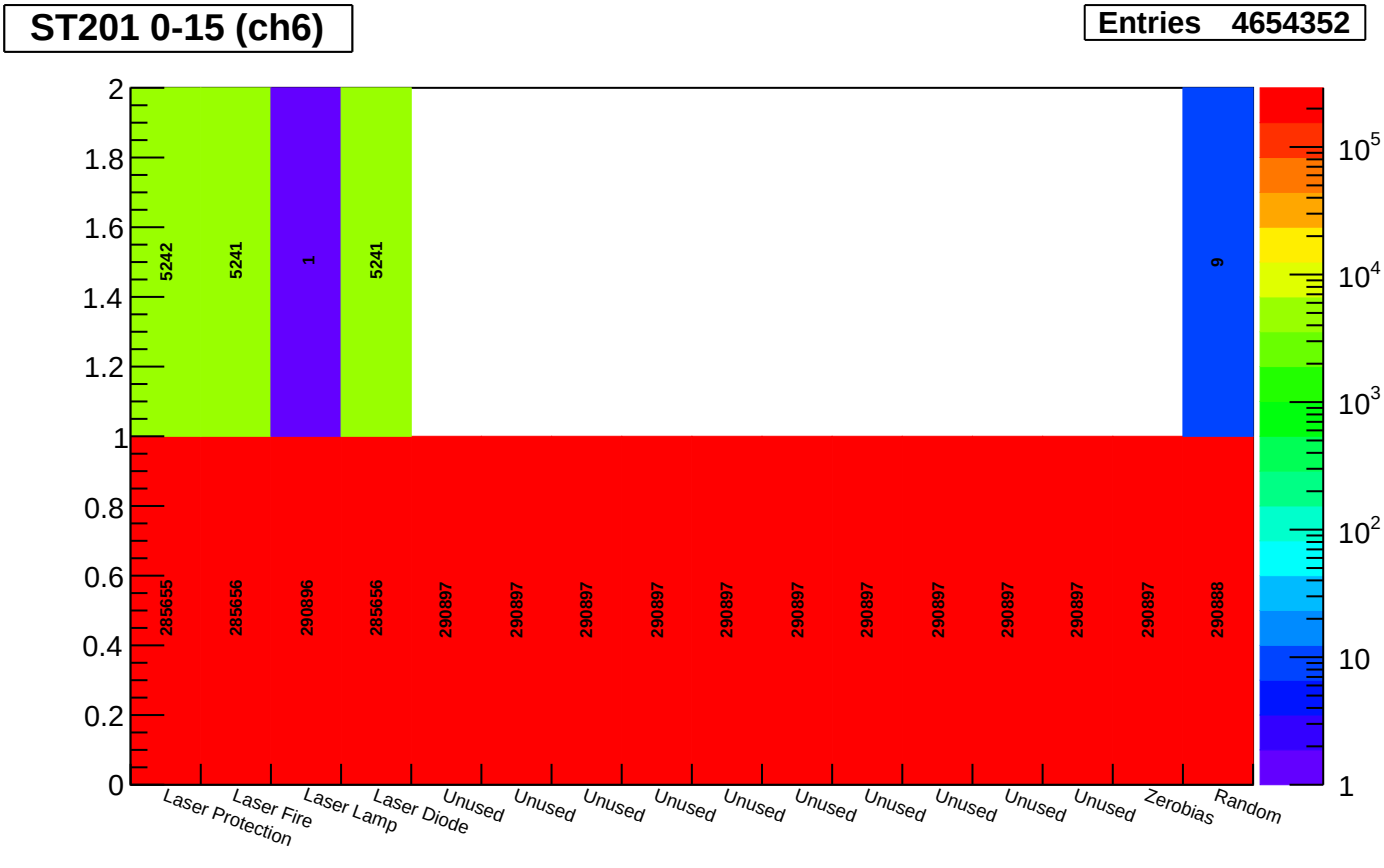

Entries 290897
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

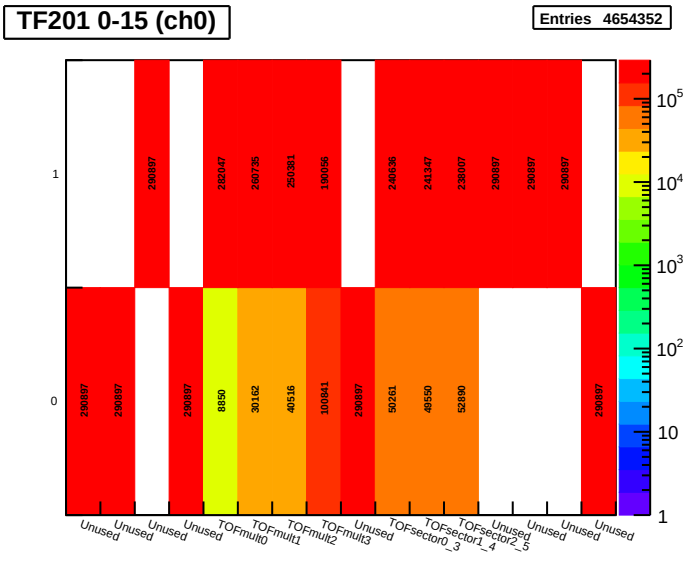

Entries 290897
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

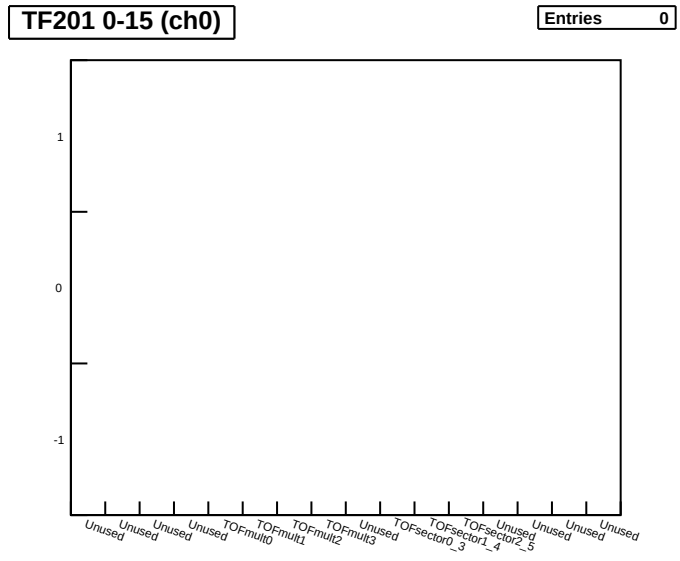

Entries 290897
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

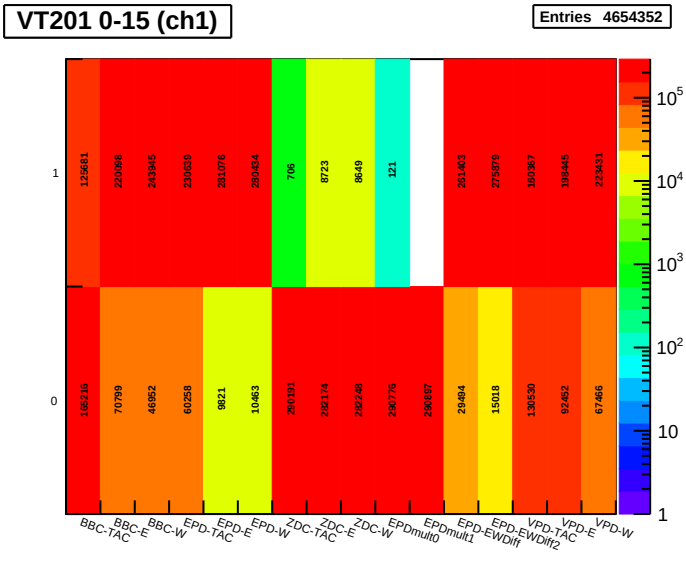

Entries 290897
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

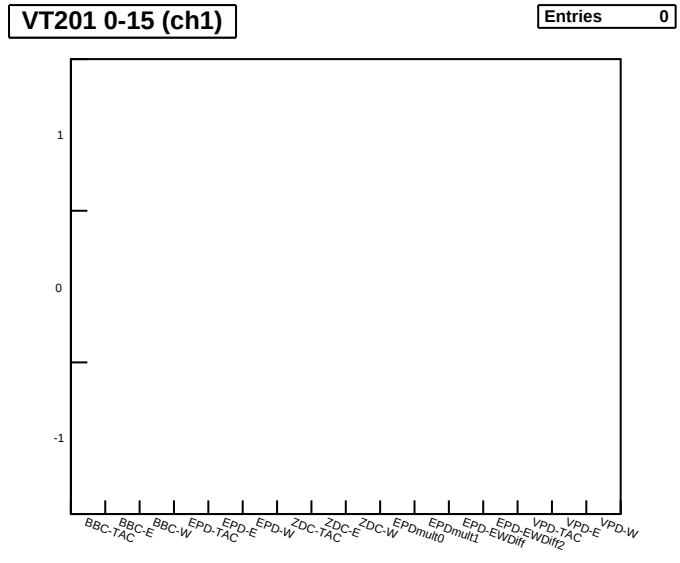

Laser Input Bits
Entries 290897
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

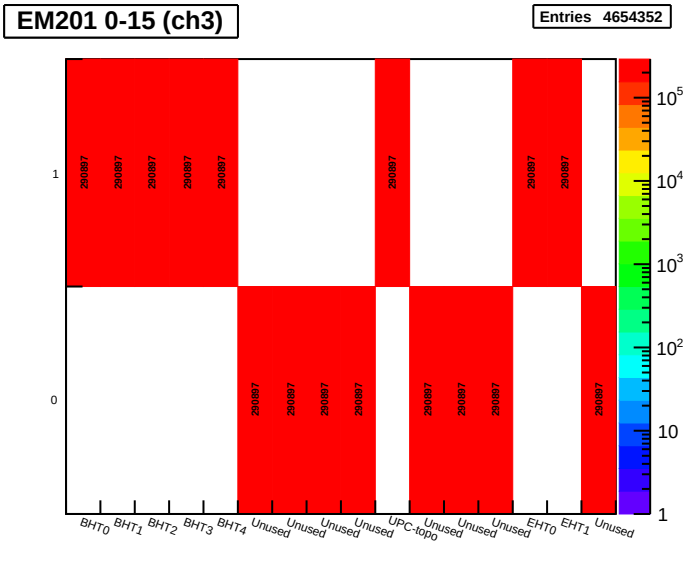

ST201 0-15 (ch6)
Entries 4654352
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
5242
5241
1
5241
9
285655
285656
290896
285656
290897
290897
290897
290897
290897
290897
290897
290897
290897
290897
290897
290888
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

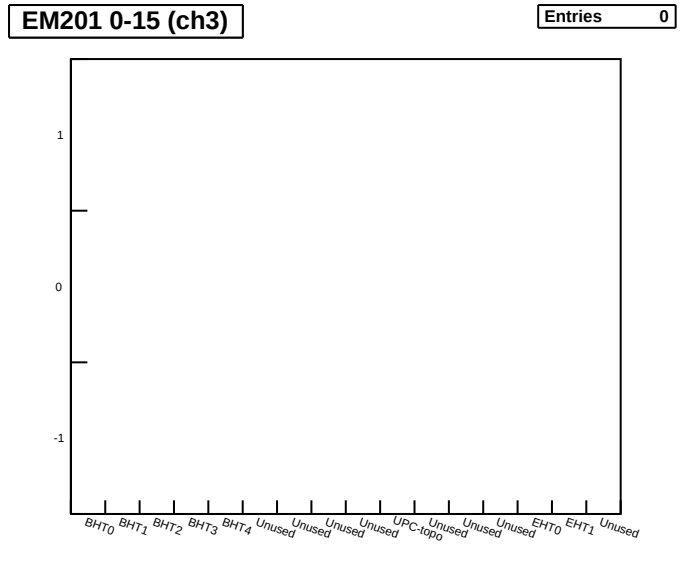

TF201 0-15 (ch0)
Entries 4654352
1
0
290897 290897 290897 8850 30162 40516 100841 290897 50261 49550 52890 290897
290897 282047 260735 250381 190056 240636 241347 238007 290897 290897 290897
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 4654352
1
0
125681 220088 243945 230639 281076 280434 706 8723 8649 121 261403 275879 160367 198445 223431
165216 70799 46952 60258 9821 10463 290191 282174 282248 290776 290897 29494 15018 130530 92452 67466
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 4654352
1
0
290897 290897 290897 290897 290897 290897 290897 290897
290897 290897 290897 290897 290897 290897 290897 290897
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