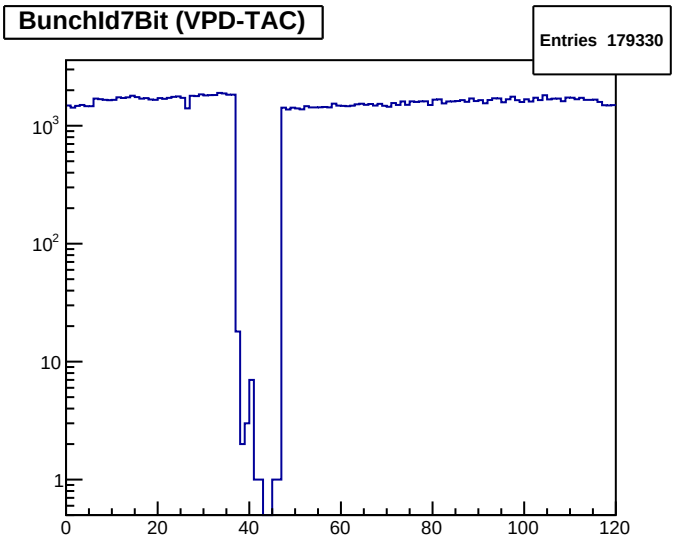
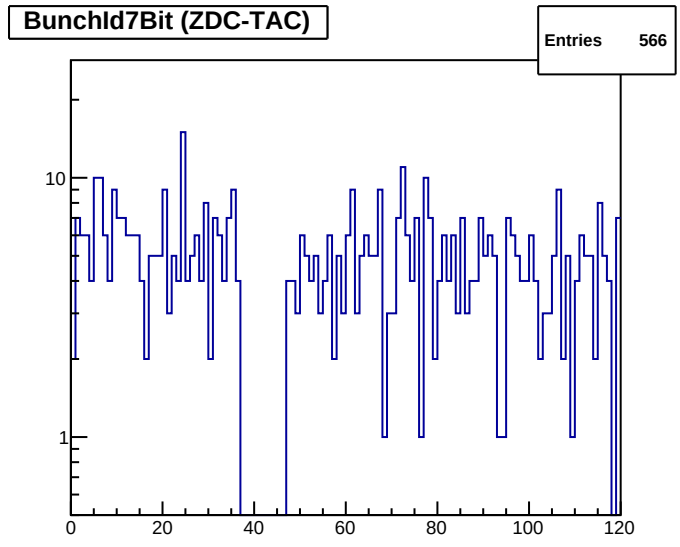
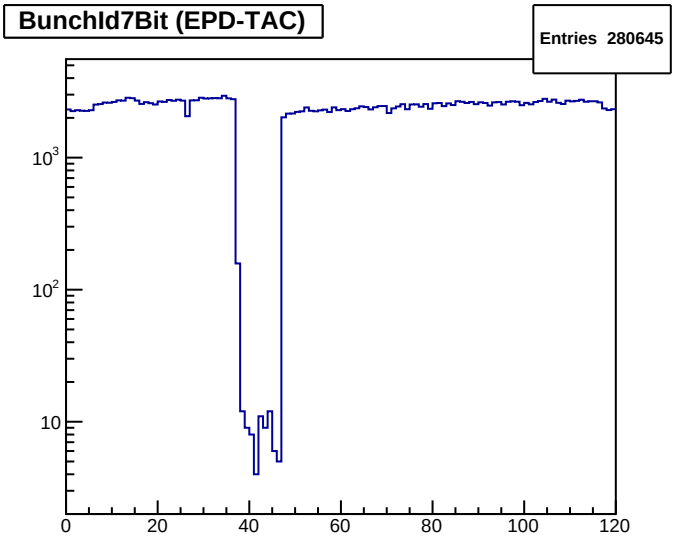
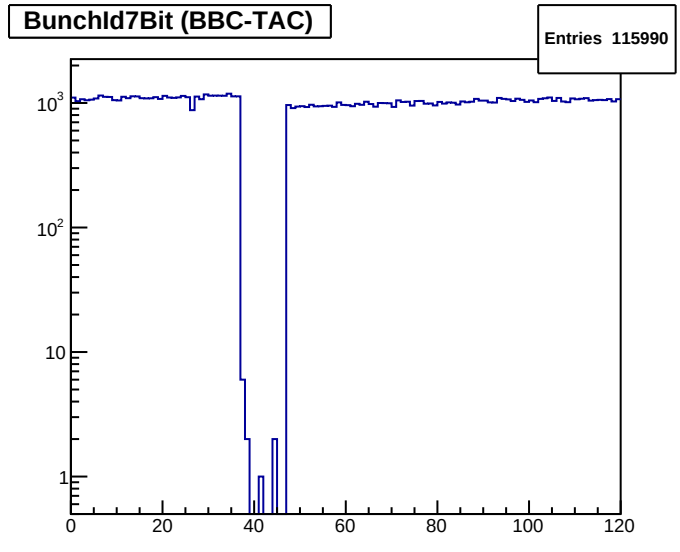
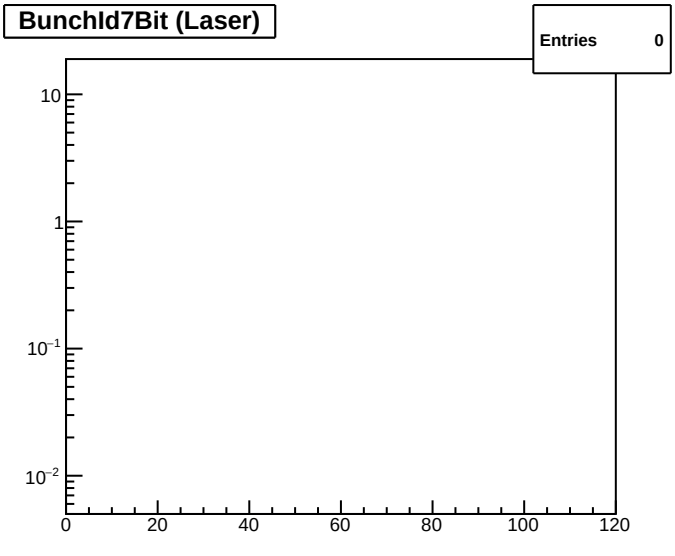
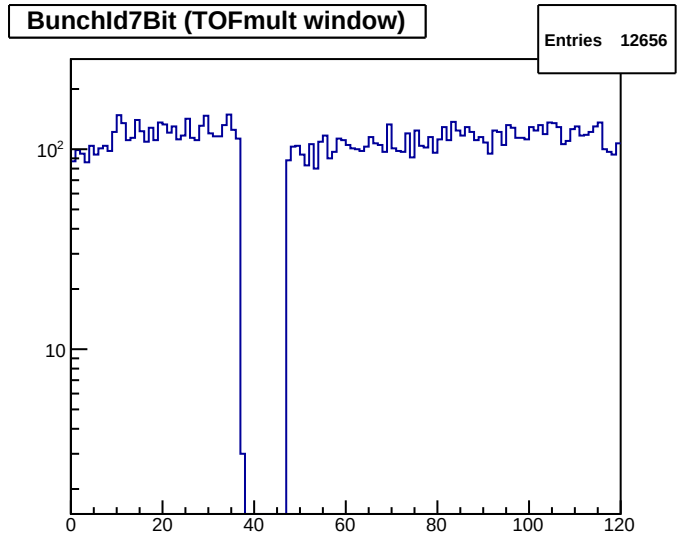

BunchId7Bit (VPD-TAC)
Entries 179330

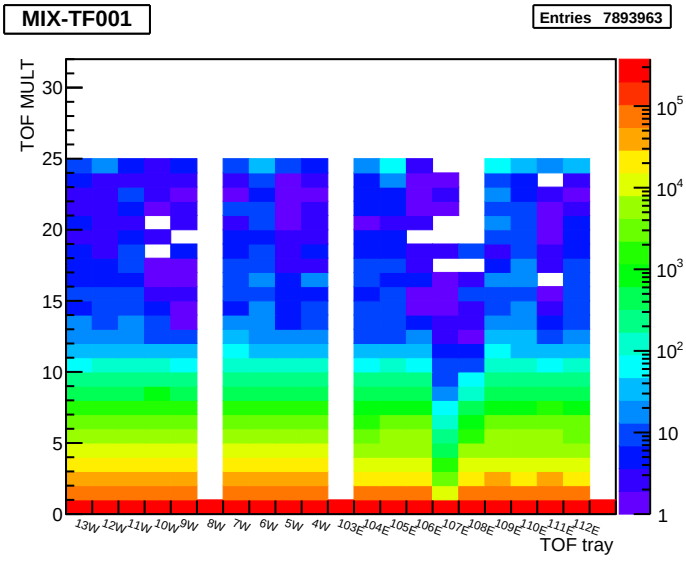

BunchId7Bit (ZDC-TAC)
Entries 566

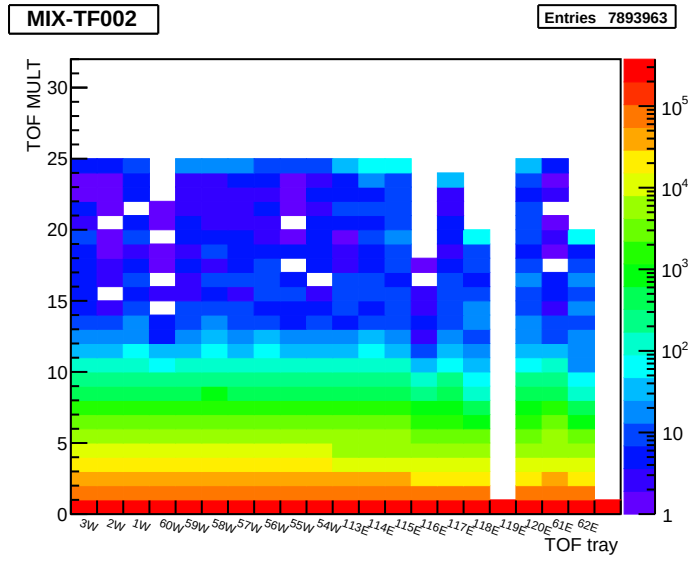

BunchId7Bit (EPD-TAC)
Entries 280645

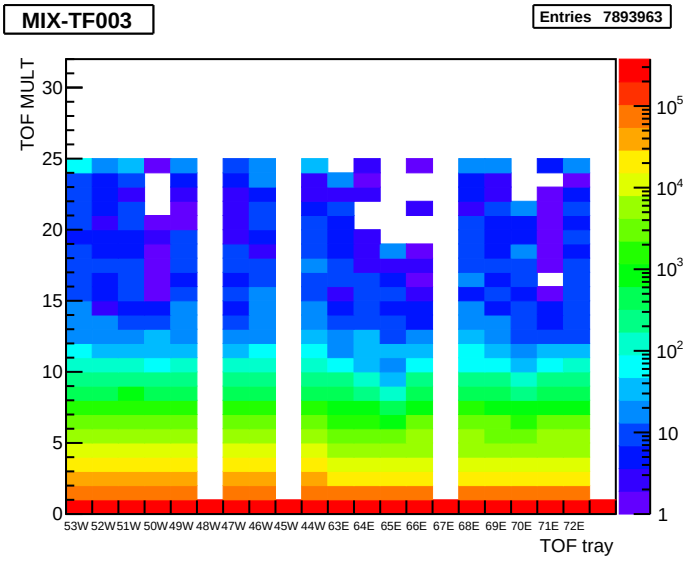

BunchId7Bit (BBC-TAC)
Entries 115990

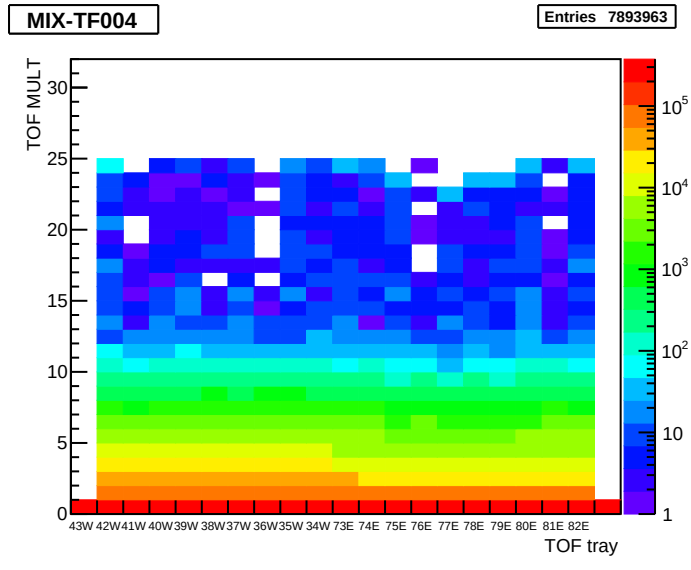

BunchId7Bit (Laser)
Entries 0

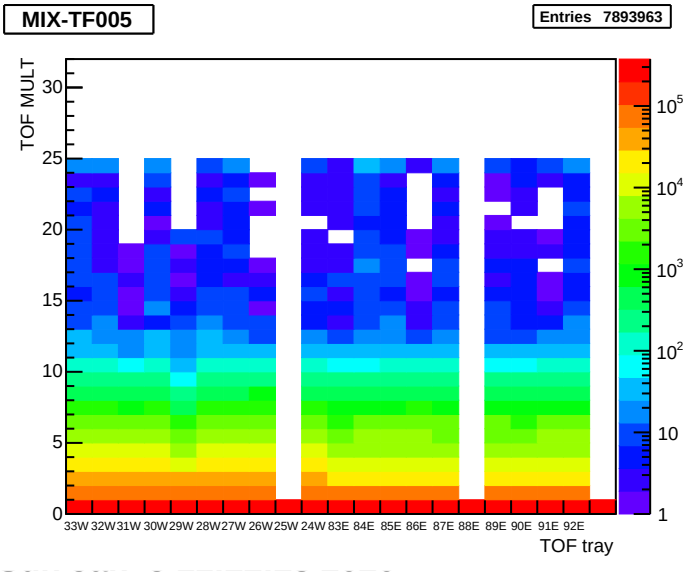

BunchId7Bit (TOFmult window)
Entries 12656

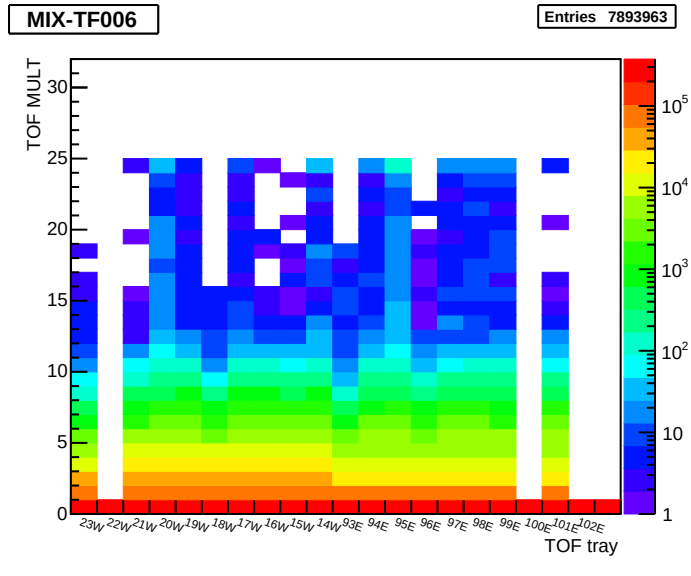

MIX-TF001
Entries 7893963
TOF MULT
TOF tray

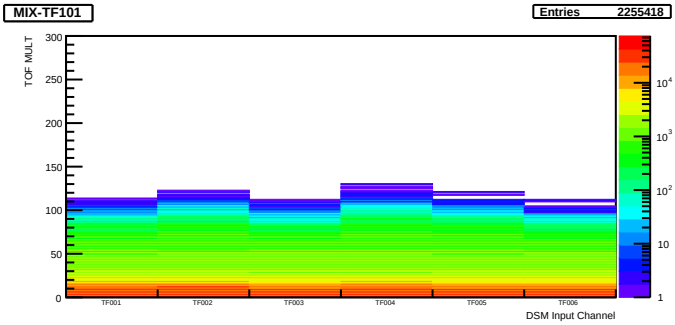

MIX-TF002
Entries 7893963
TOF MULT
TOF tray

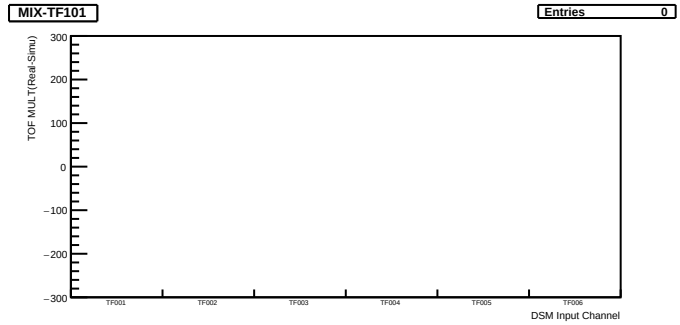

MIX-TF003
Entries 7893963
TOF MULT
TOF tray

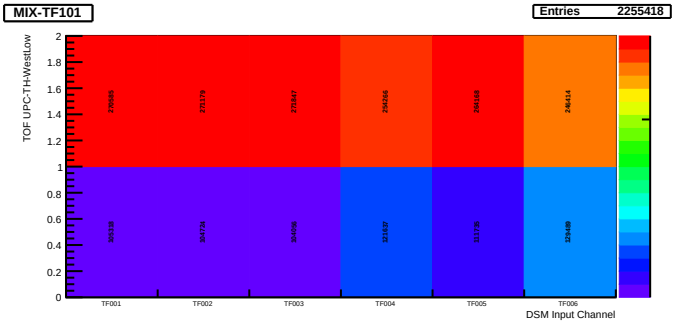

MIX-TF004
Entries 7893963
TOF MULT
TOF tray

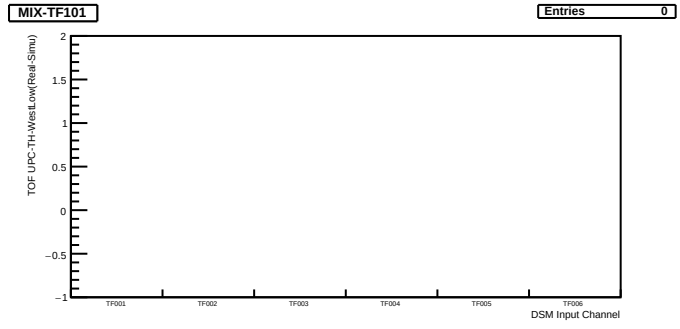

MIX-TF005
Entries 7893963
TOF MULT
TOF tray

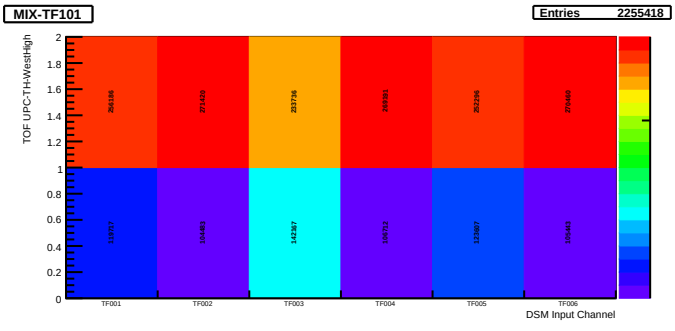

MIX-TF006
Entries 7893963
TOF MULT
TOF tray

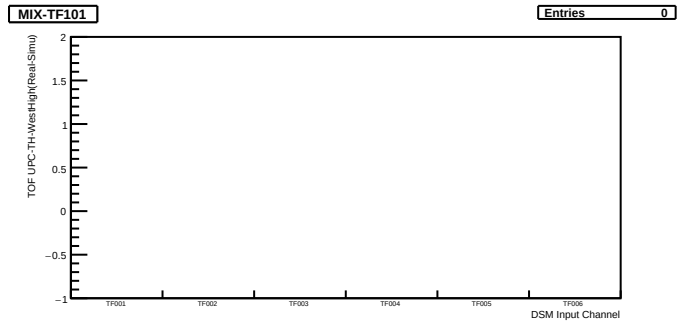

MIX-TF101
Entries 2255418
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

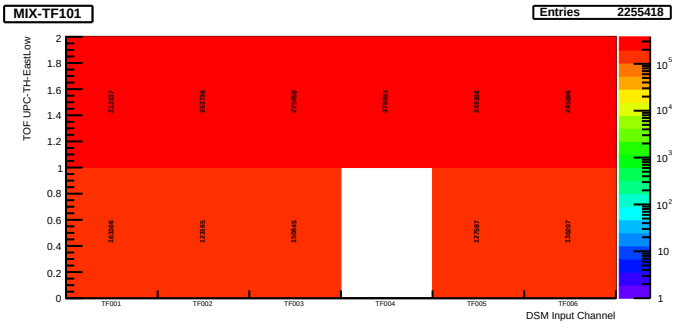

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

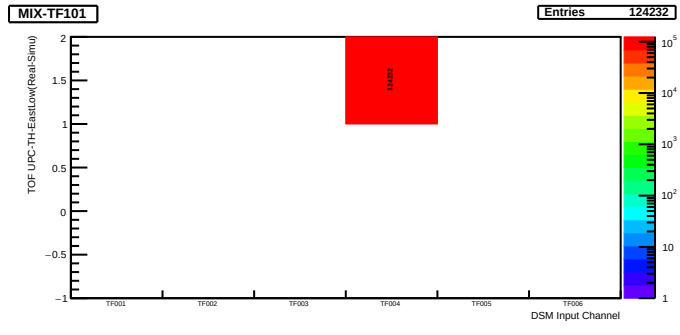

MIX-TF101
Entries 2255418
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

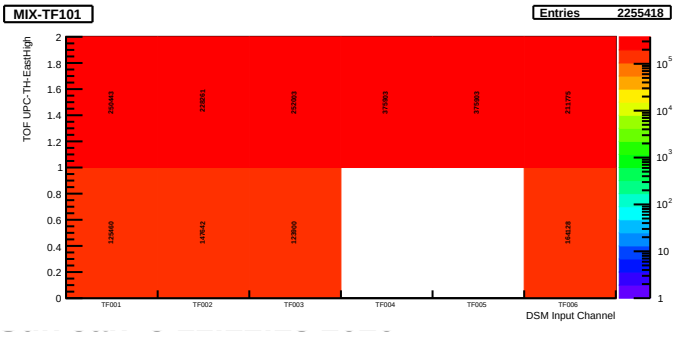

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

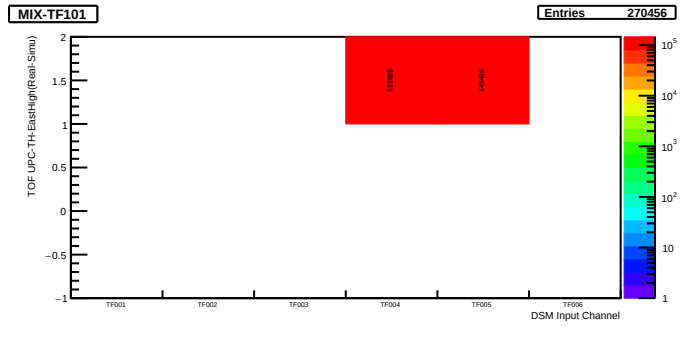

MIX-TF101
Entries 2255418
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

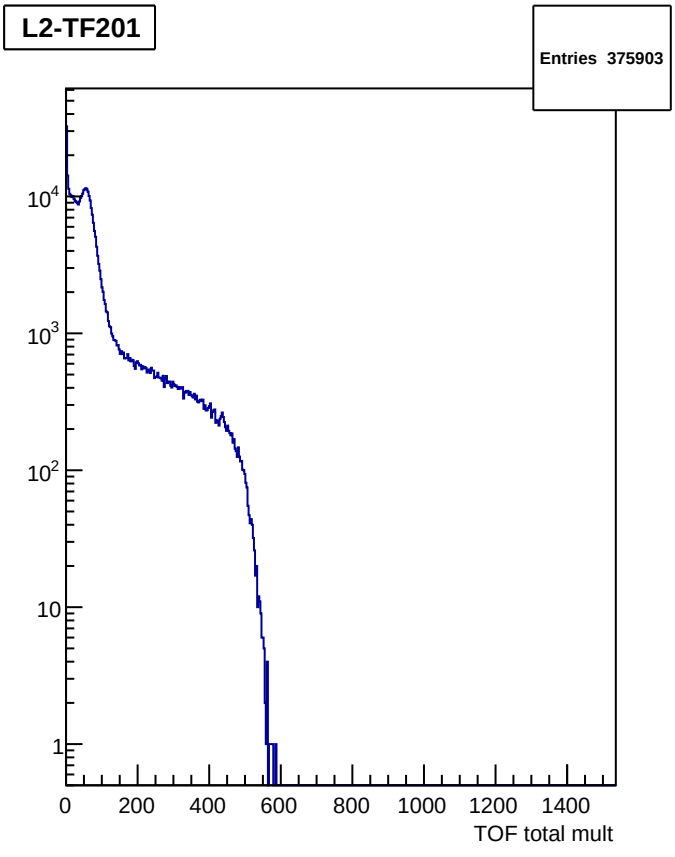

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

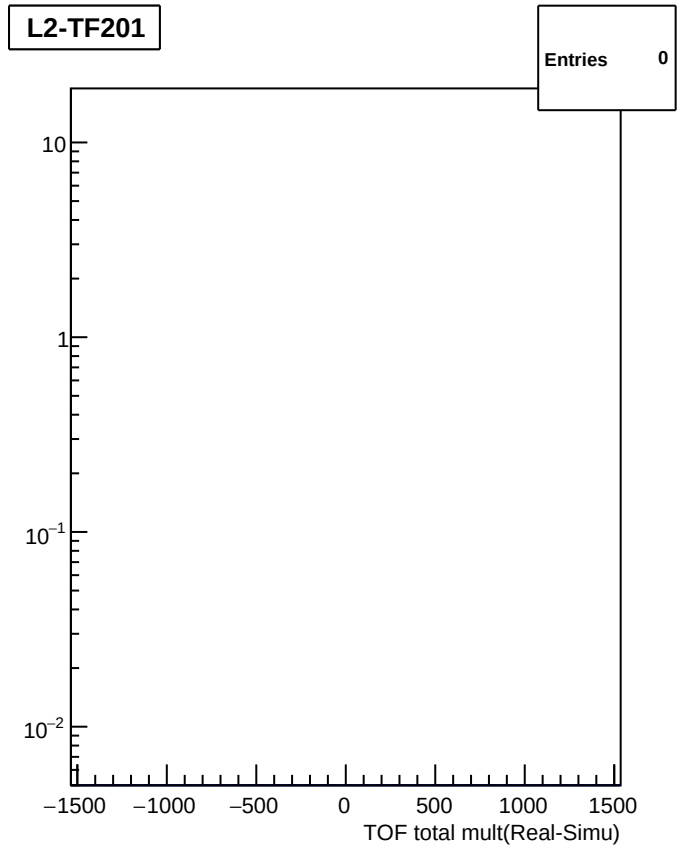

MIX-TF101
Entries 2255418
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

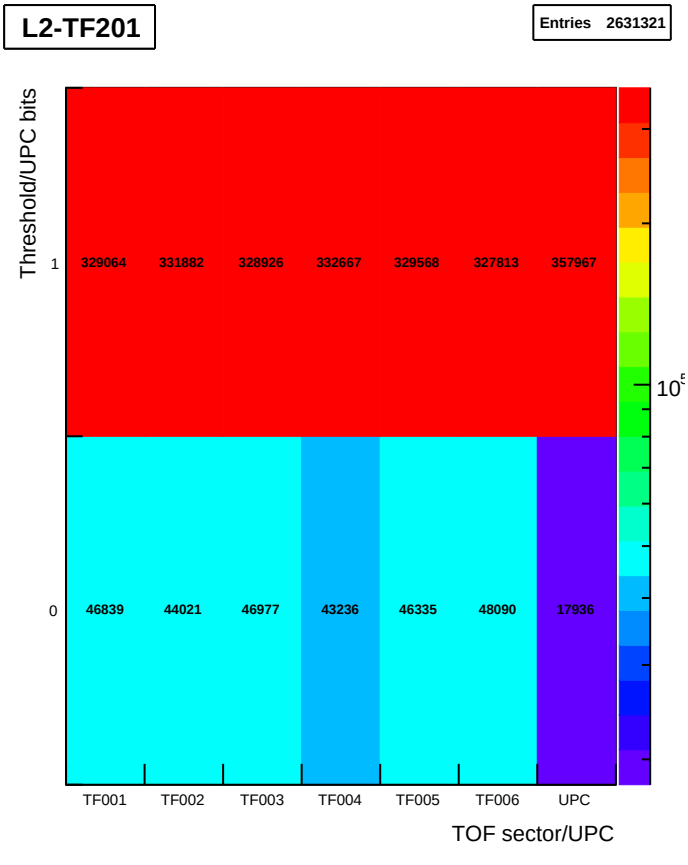

MIX-TF101
Entries 124232
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

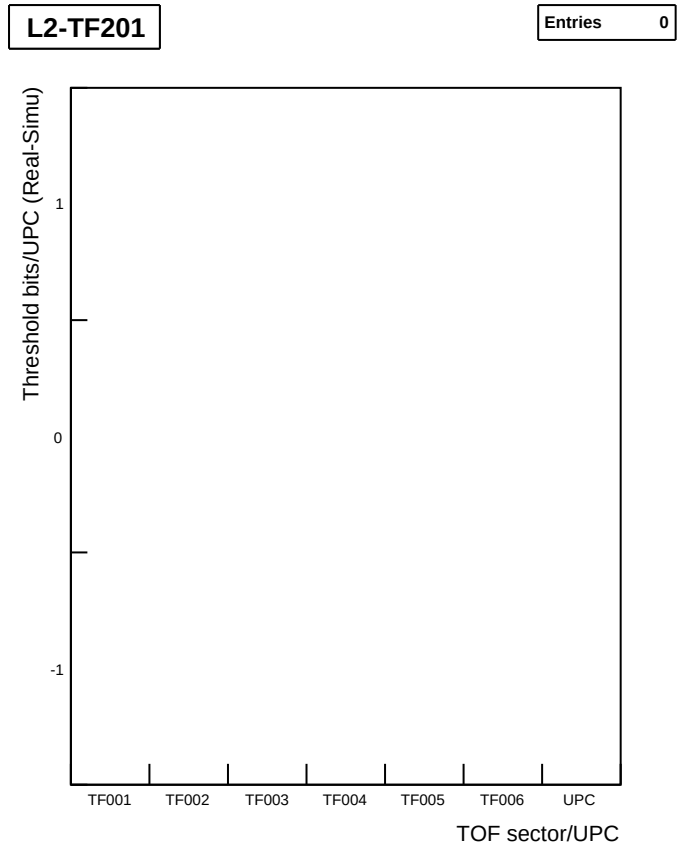

MIX-TF101
Entries 2255418
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

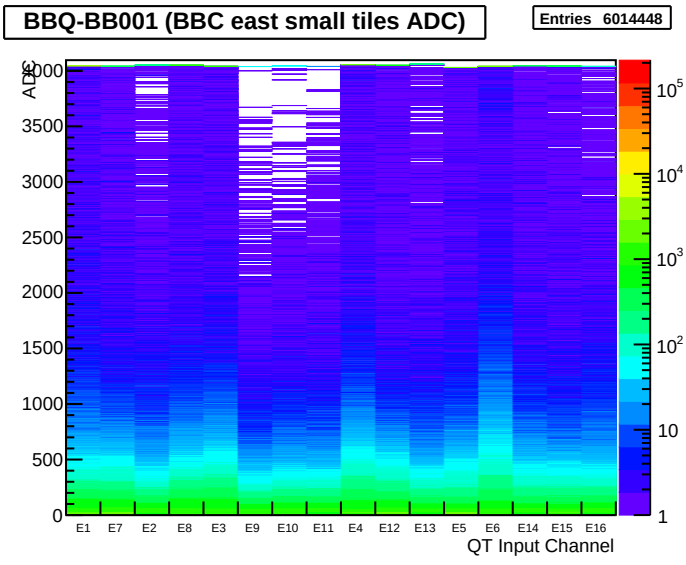

MIX-TF101
Entries 270456
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

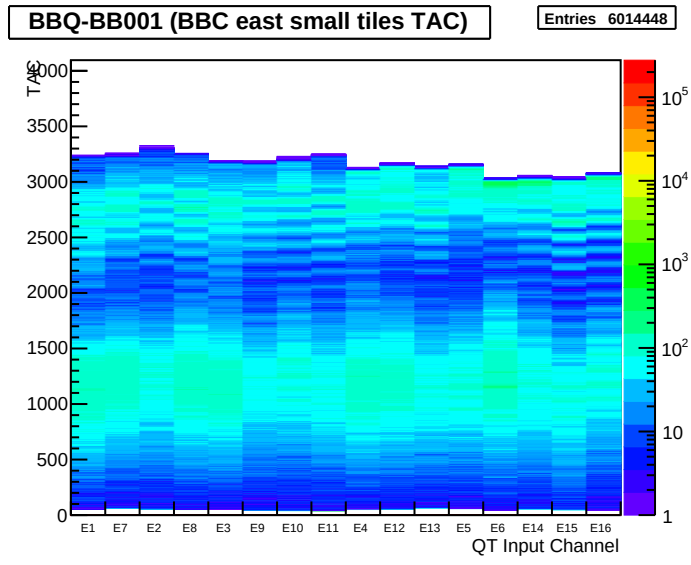

L2-TF201
Entries 375903
TOF total mult

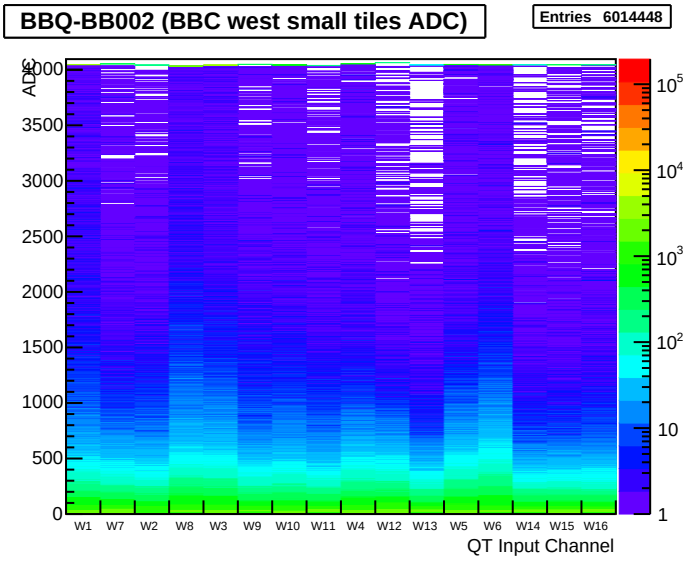

L2-TF201
Entries 0
TOF total mult(Real-Simu)

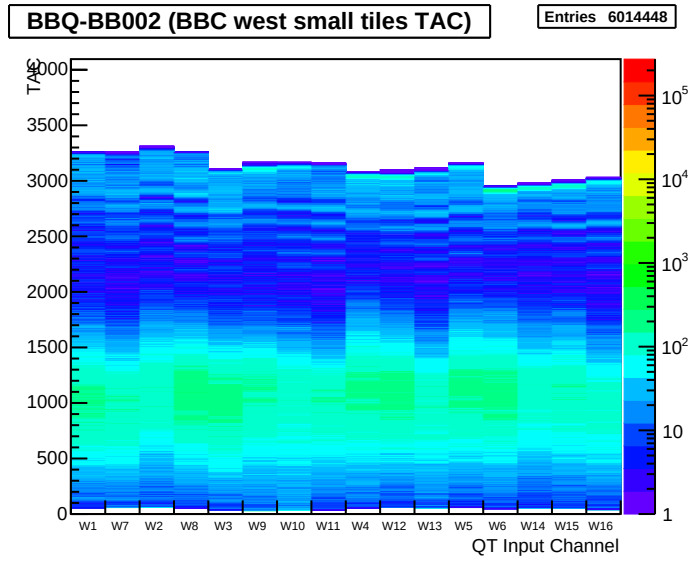

L2-TF201
Entries 2631321
Threshold/UPC bits
329064
331882
328926
332667
329568
327813
357967
46839
44021
46977
43236
46335
48090
17936
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

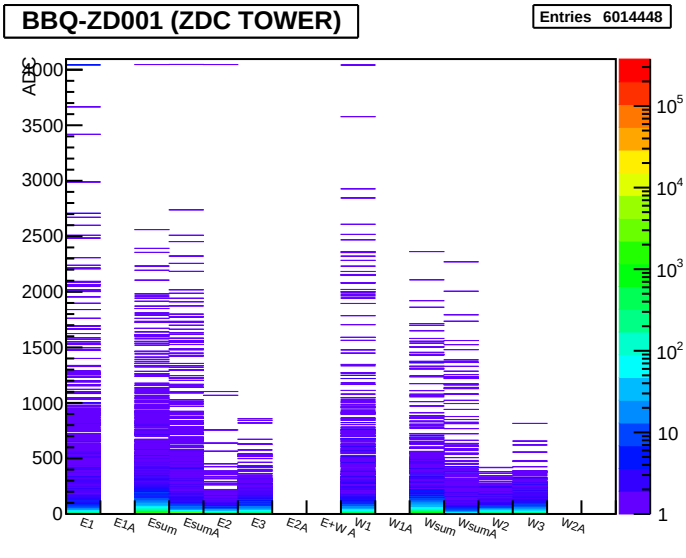

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

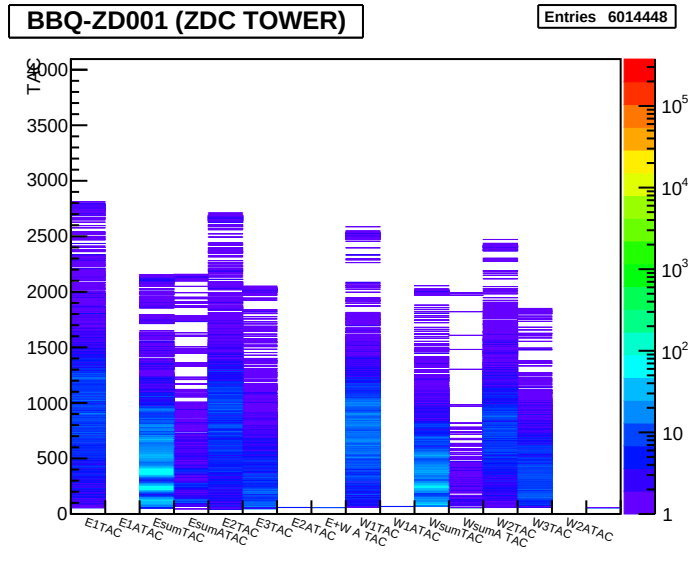

BBQ-BB001 (BBC east small tiles ADC)
Entries 6014448
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

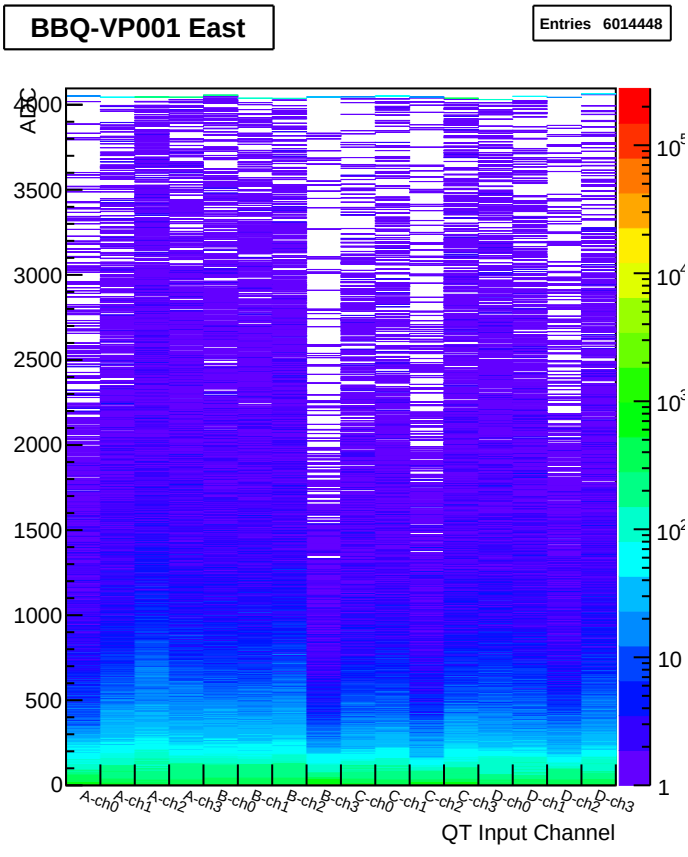

BBQ-BB001 (BBC east small tiles TAC)
Entries 6014448
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

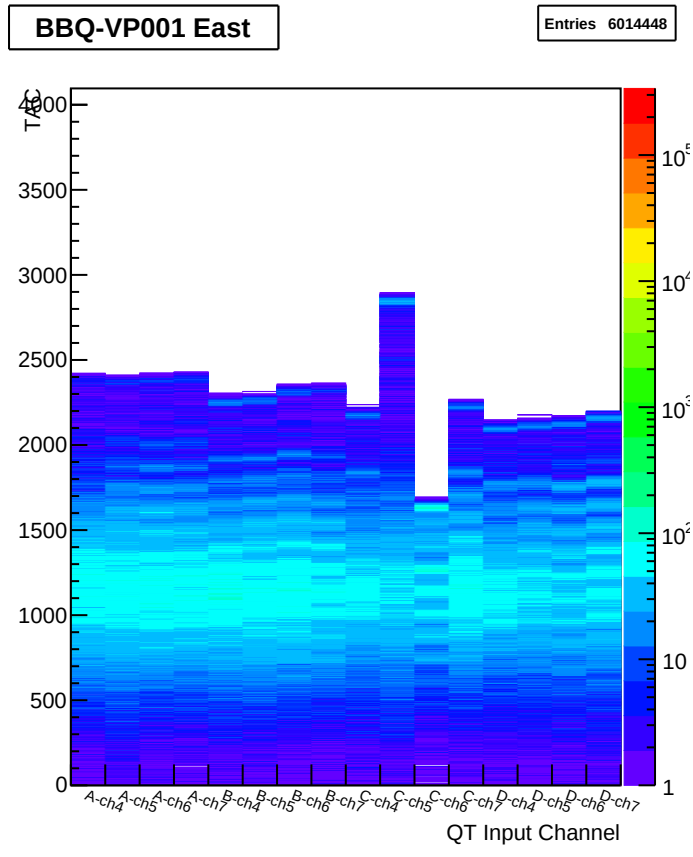

BBQ-BB002 (BBC west small tiles ADC)
Entries 6014448
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

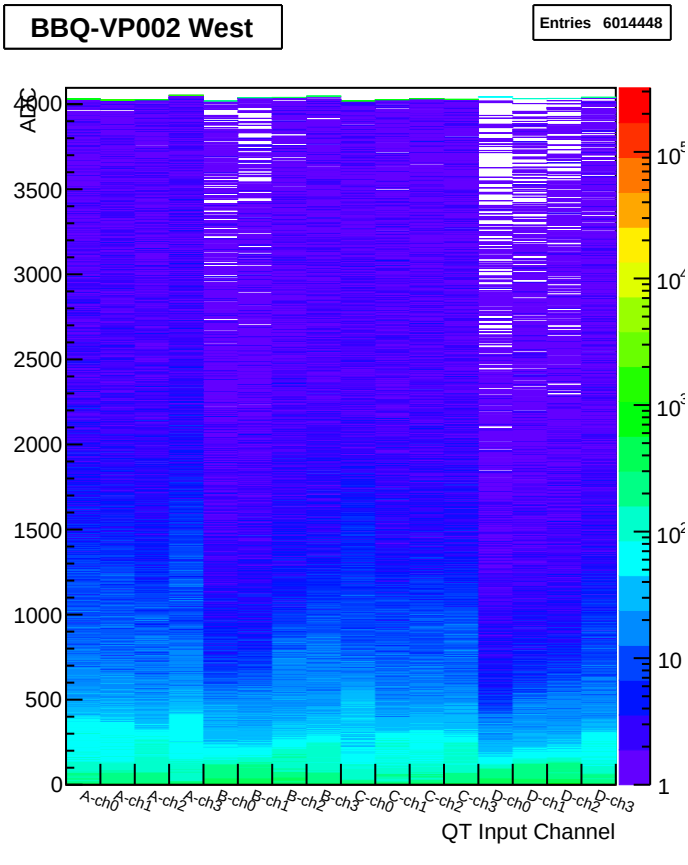

BBQ-BB002 (BBC west small tiles TAC)
Entries 6014448
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

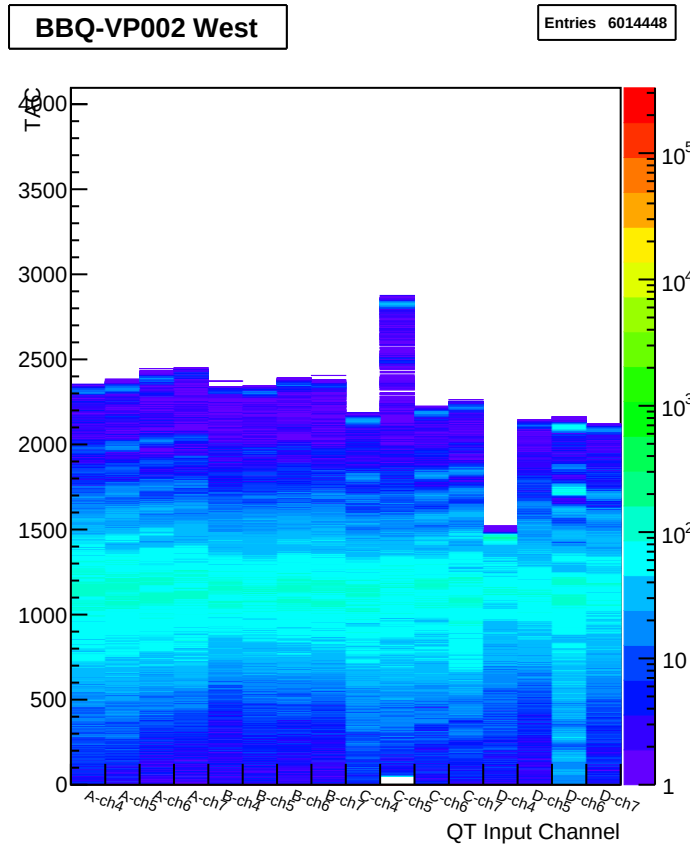

BBQ-ZD001 (ZDC TOWER)
Entries 6014448
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

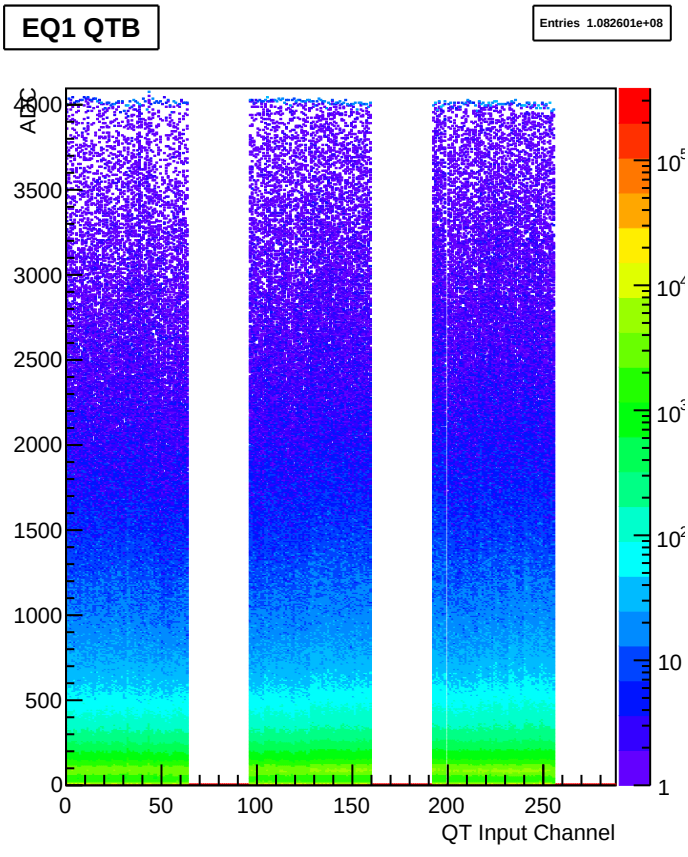

BBQ-ZD001 (ZDC TOWER)
Entries 6014448
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

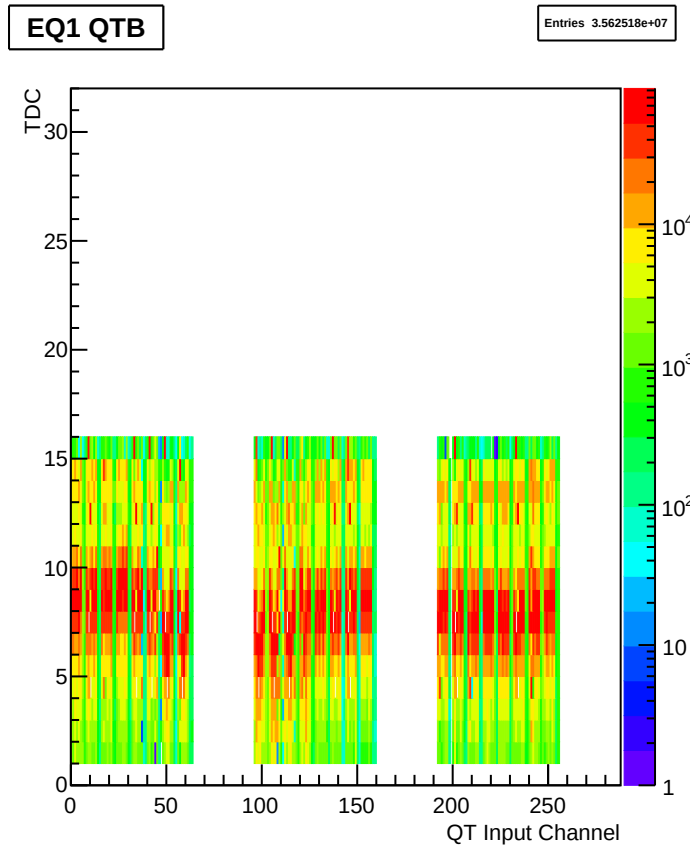

BBQ-VP001 East
Entries 6014448
ADC
QT Input Channel

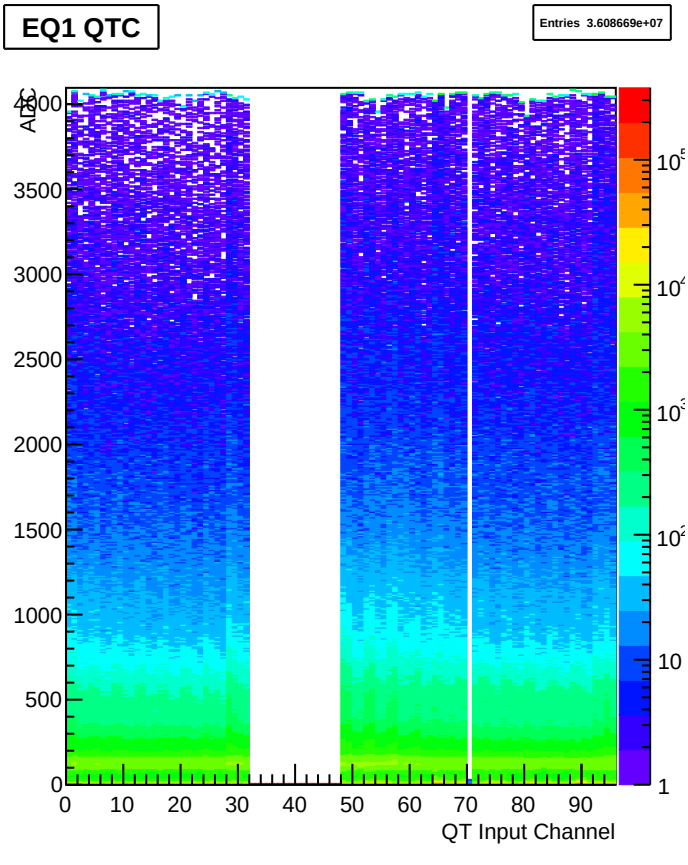

BBQ-VP001 East
Entries 6014448
TADC
QT Input Channel

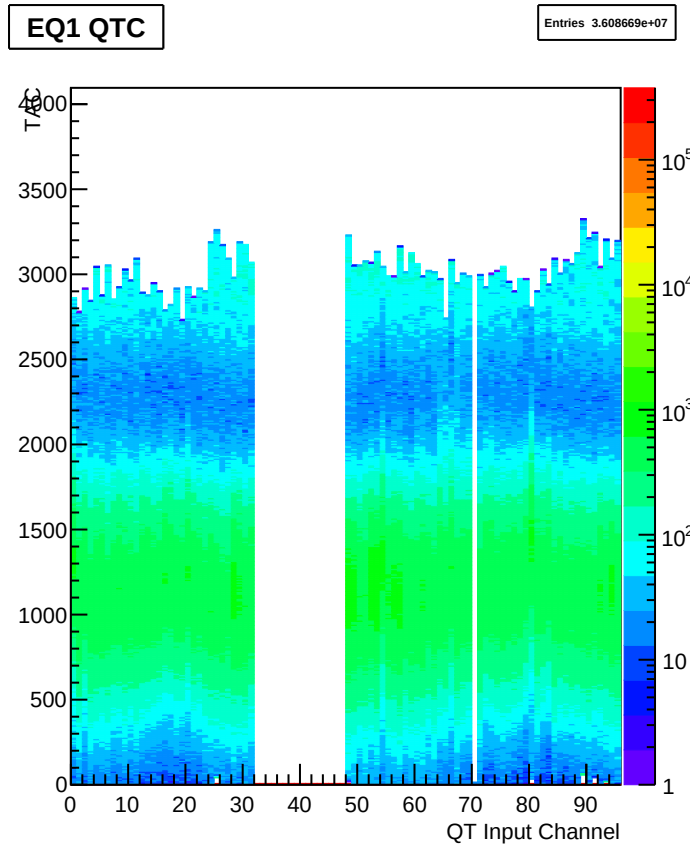

BBQ-VP002 West
Entries 6014448
ADC
QT Input Channel

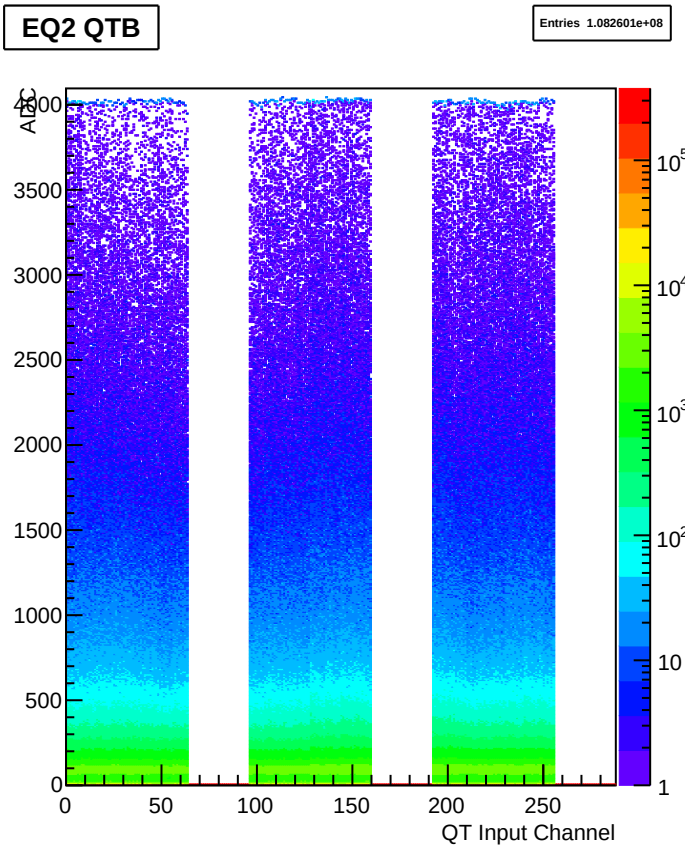

BBQ-VP002 West
Entries 6014448
TADC
QT Input Channel

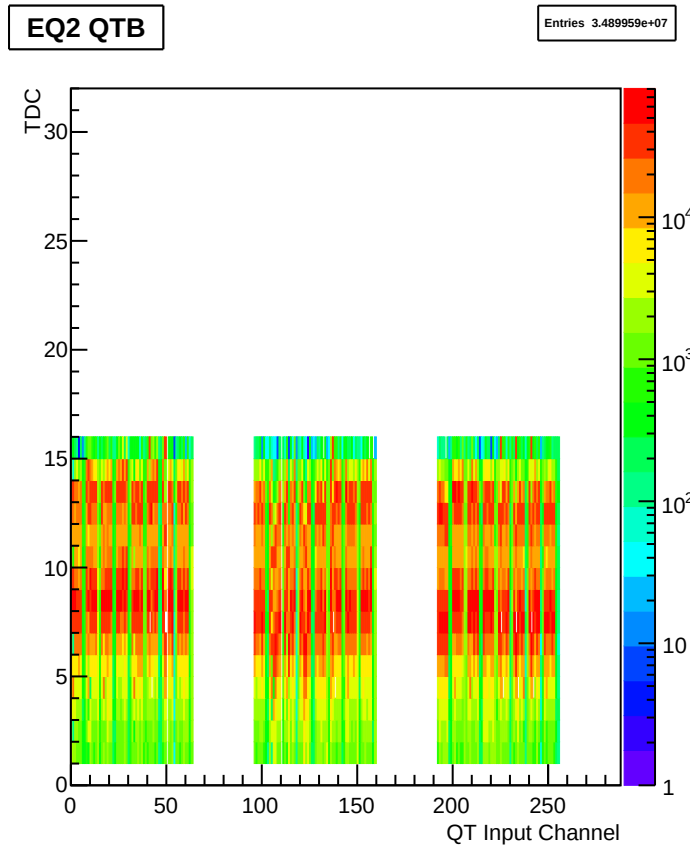

EQ1 QTB
Entries 1.082601e+08
ADC
QT Input Channel

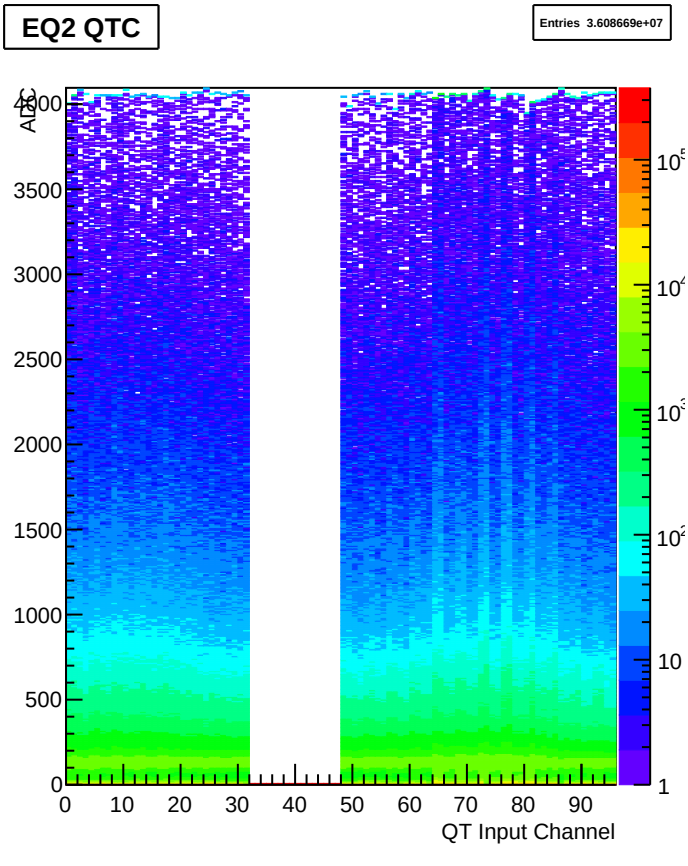

EQ1 QTB
Entries 3.562518e+07
TDC
QT Input Channel

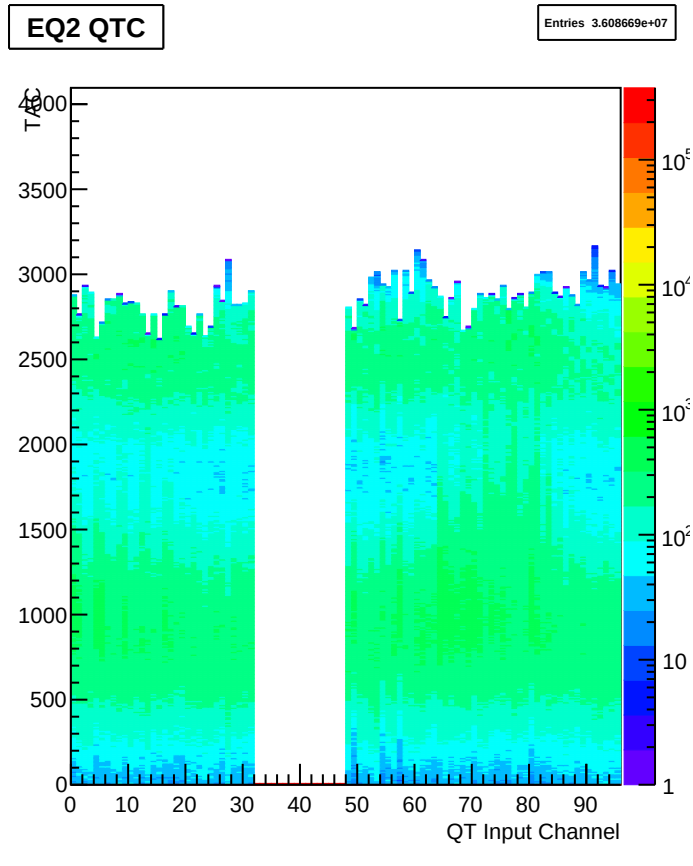

EQ1 QTC
Entries 3.608669e+07
ADC
QT Input Channel

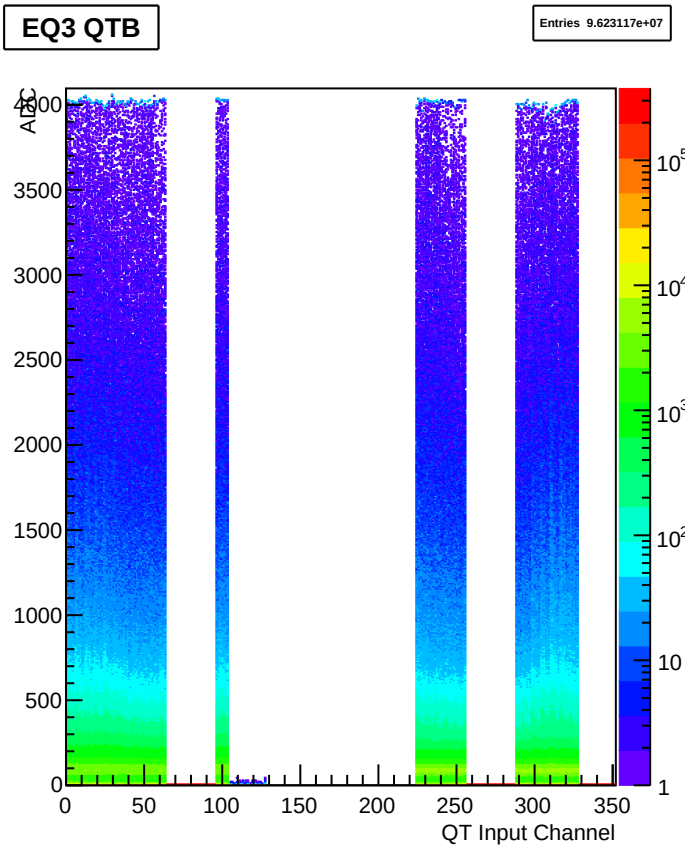

EQ1 QTC
Entries 3.608669e+07
TADC
QT Input Channel

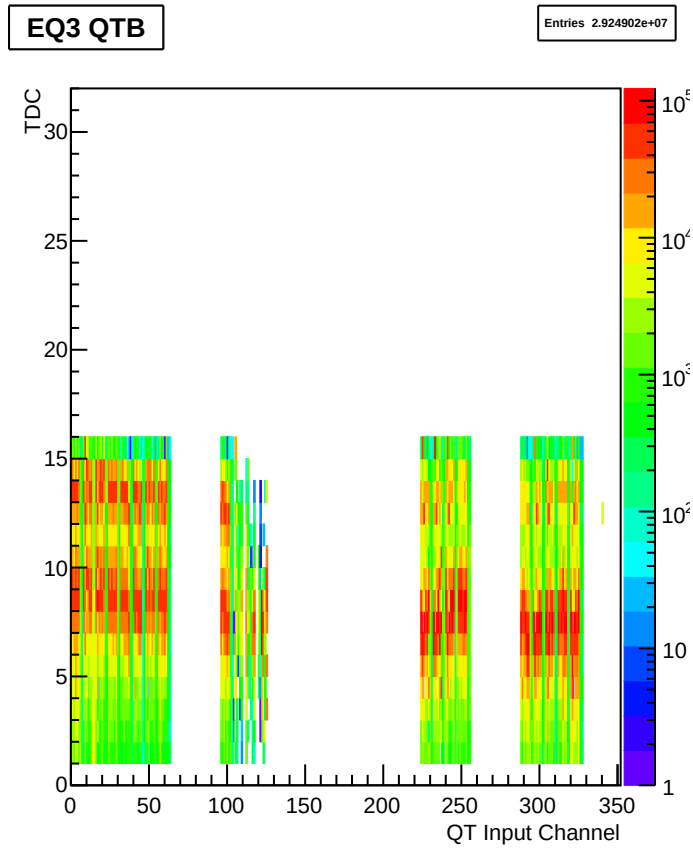

EQ2 QTB
Entries 1.082601e+08
ADC
QT Input Channel

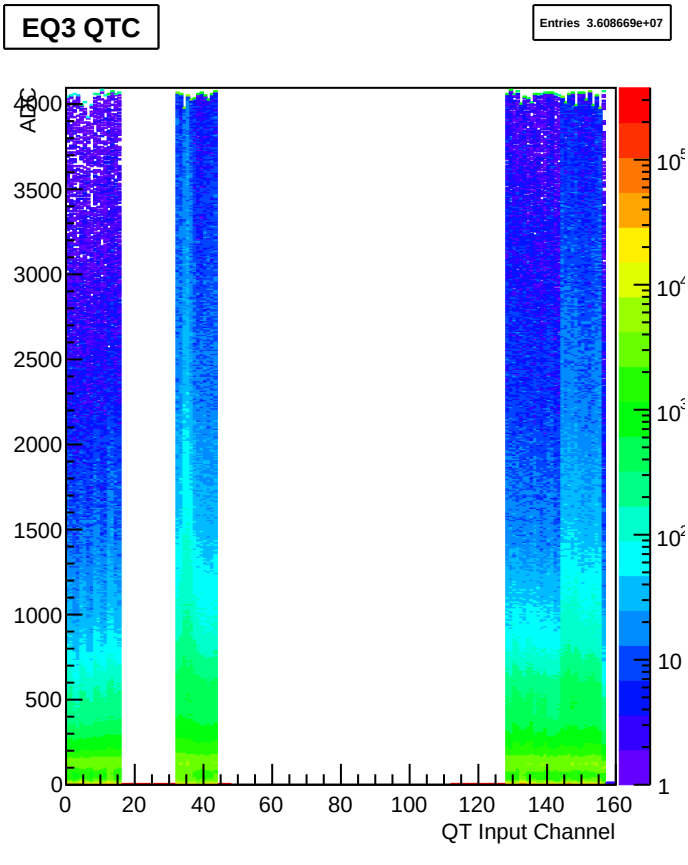

EQ2 QTB
Entries 3.489959e+07
TDC
QT Input Channel

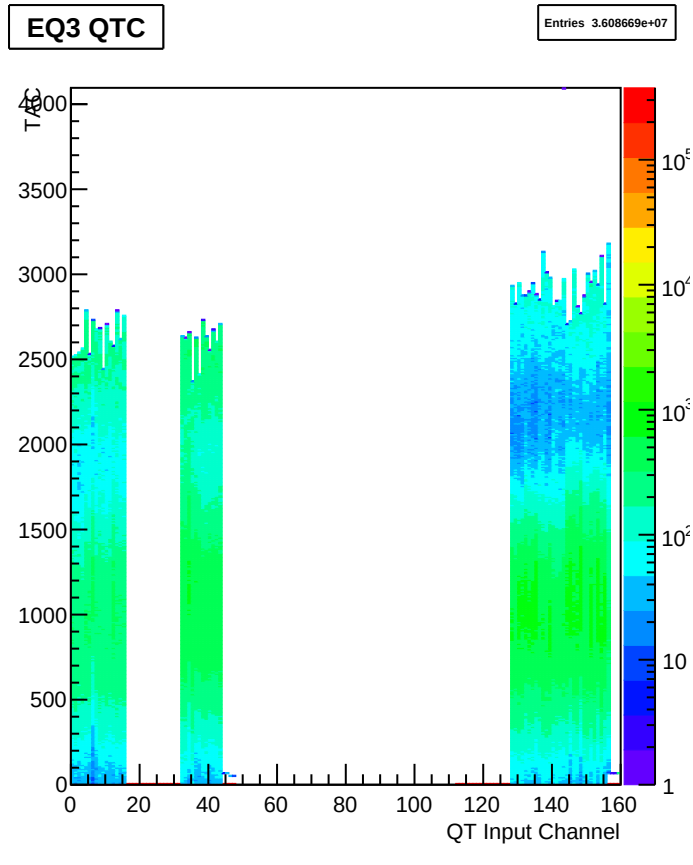

EQ2 QTC
Entries 3.608669e+07
ADC
QT Input Channel

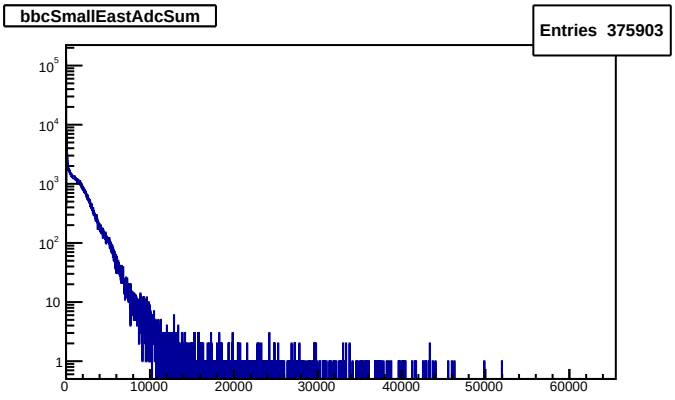

EQ2 QTC
Entries 3.608669e+07
TADC
QT Input Channel

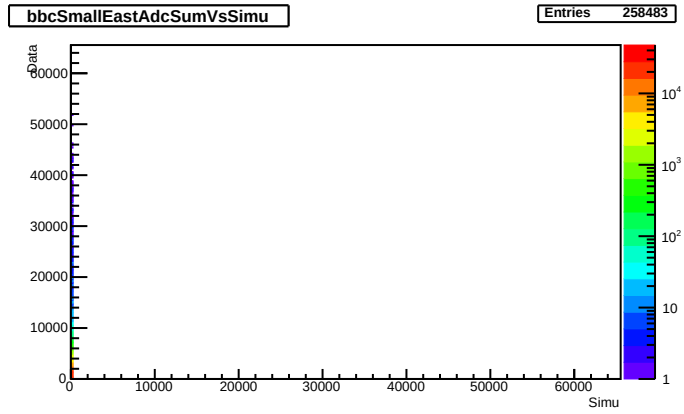

EQ3 QTB
Entries 9.623117e+07
ADC
QT Input Channel

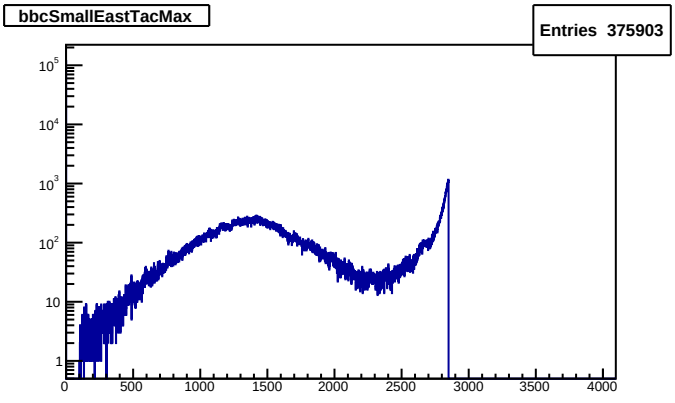

EQ3 QTB
Entries 2.924902e+07
TDC
QT Input Channel

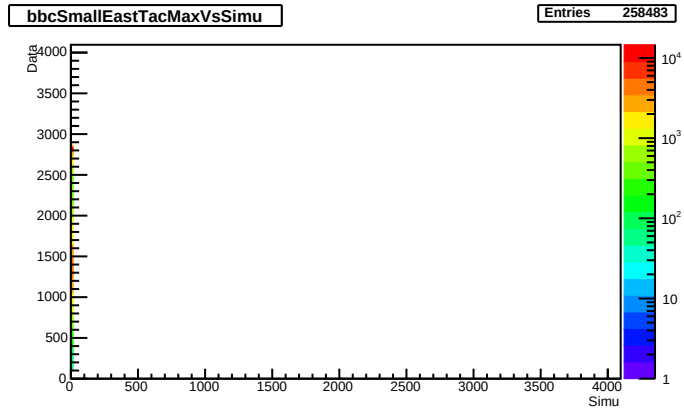

EQ3 QTC
Entries 3.608669e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.608669e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 375903


bbcSmallEastAdcSumVsSimu
Entries 258483
Data
Simu


bbcSmallEastTacMax
Entries 375903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Entries 258483
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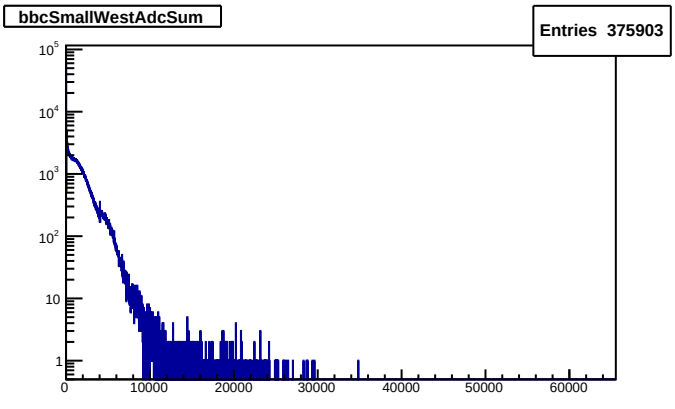
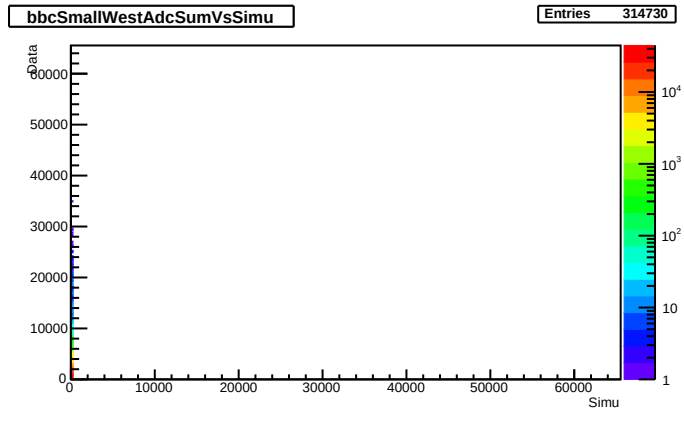
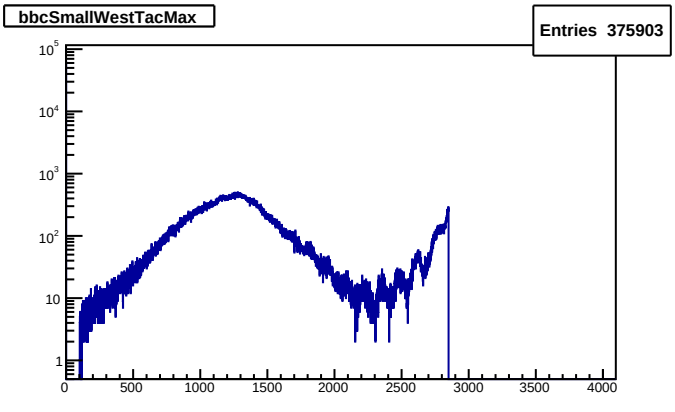
Simu


bbcSmallWestAdcSum
Entries 375903


bbcSmallWestAdcSumVsSimu
Entries 314730
Data
Simu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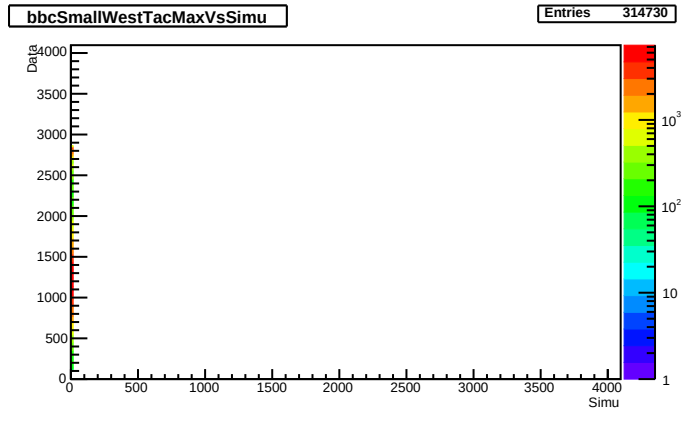
Entries 375903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Entries 314730
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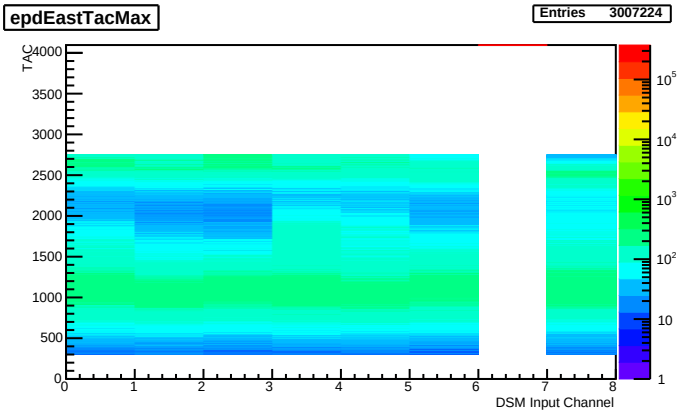
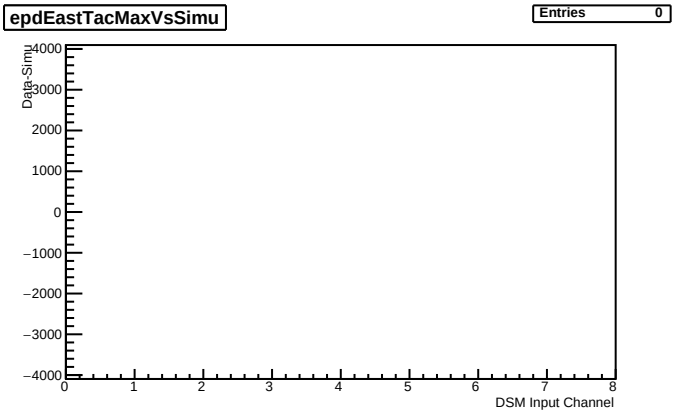
Simu


epdEastTacMax
Entries 3007224
TAC
DSM Input Channel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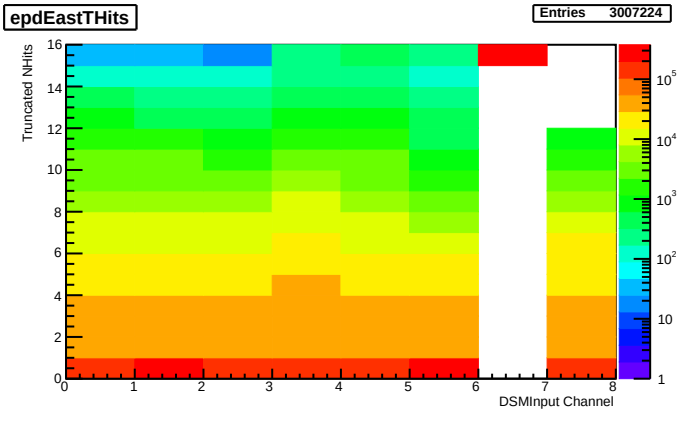
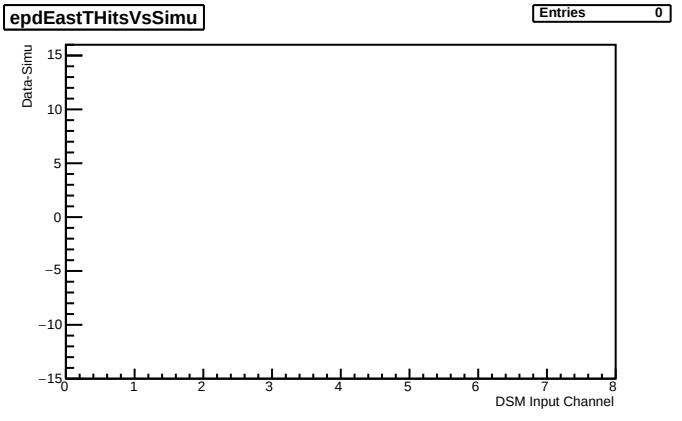
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3007224
Truncated NHits
DSMInput Channel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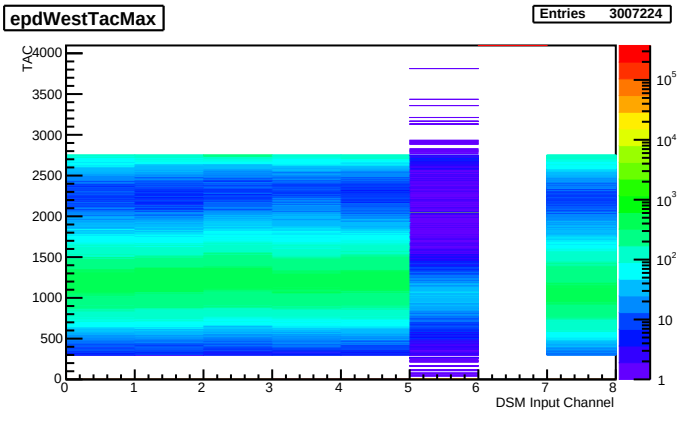
Data-Simu
DSM Input Channel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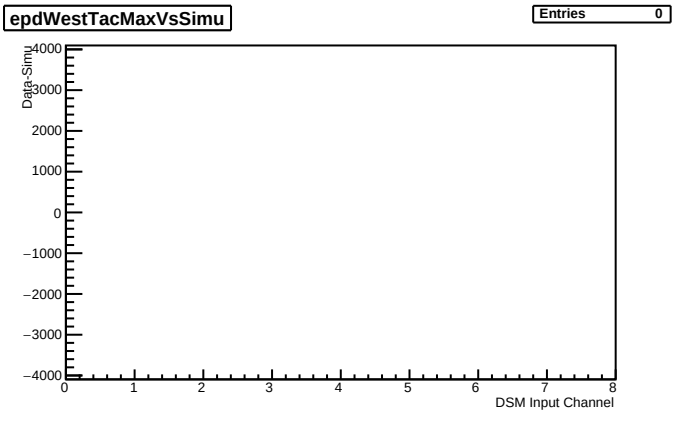
Entries 3007224
TAC
DSM Input Channel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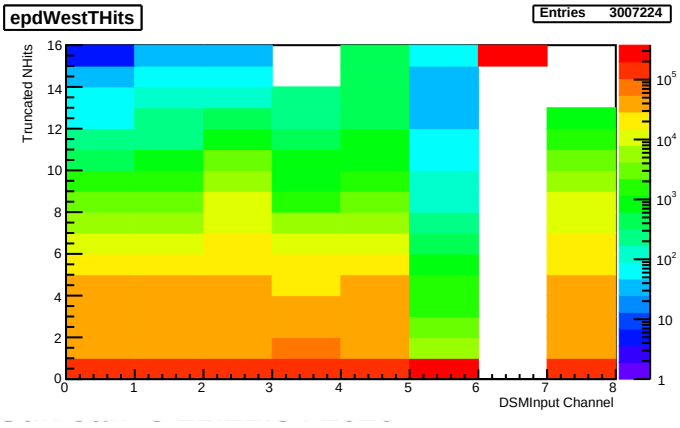
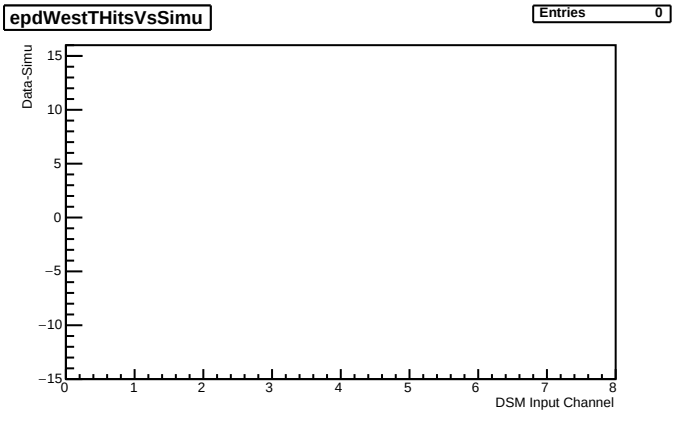
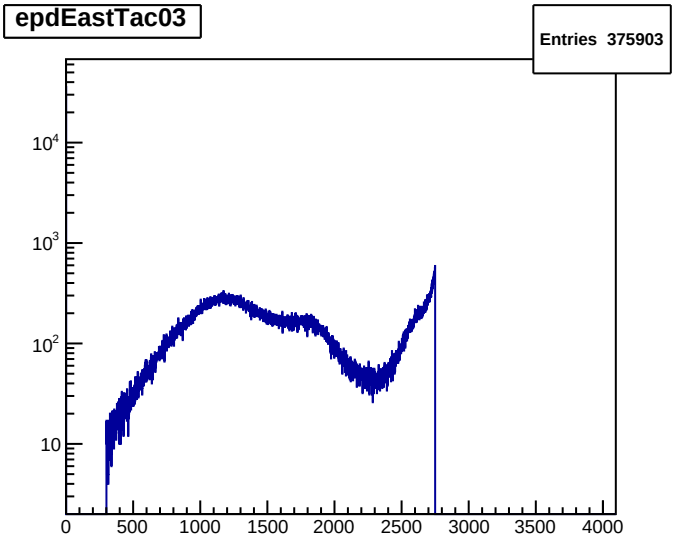
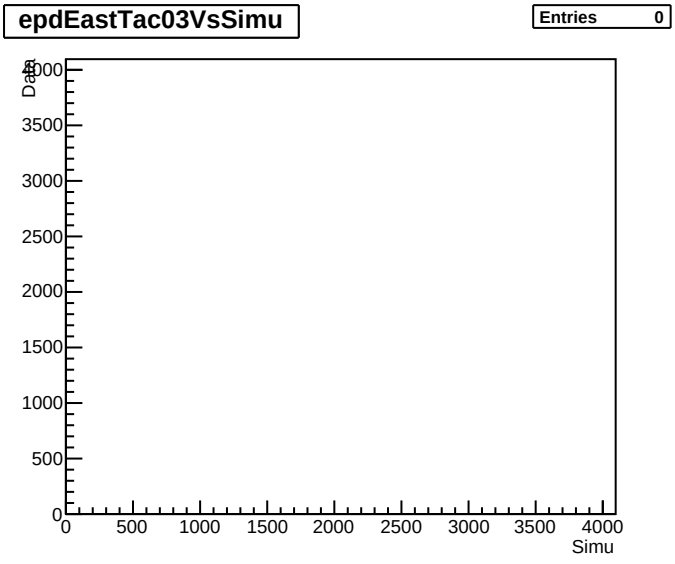
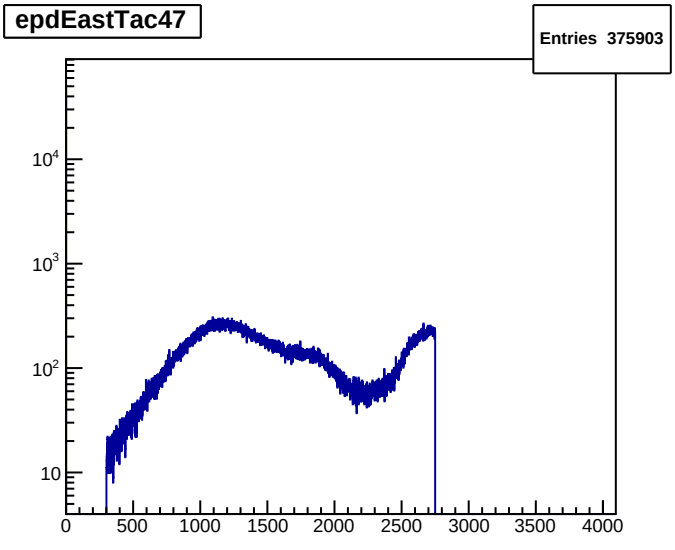
Data-Simu
DSM Input Channel

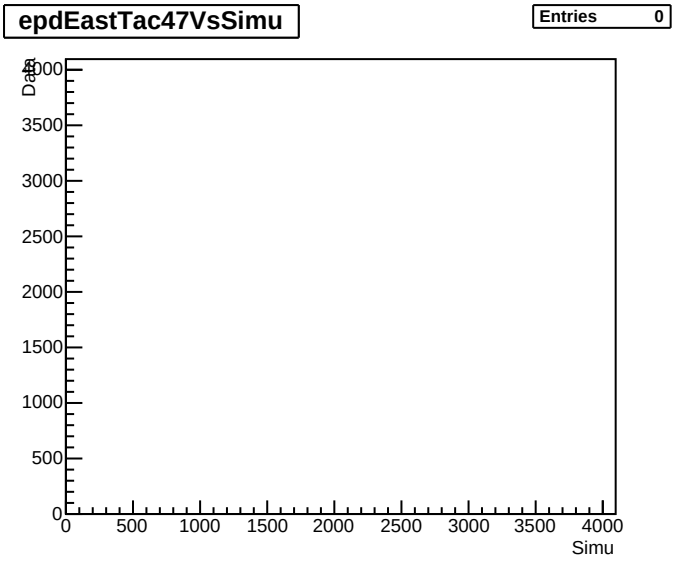

epdWestTHits
Entries 3007224
Truncated NHits
DSMInput Channel

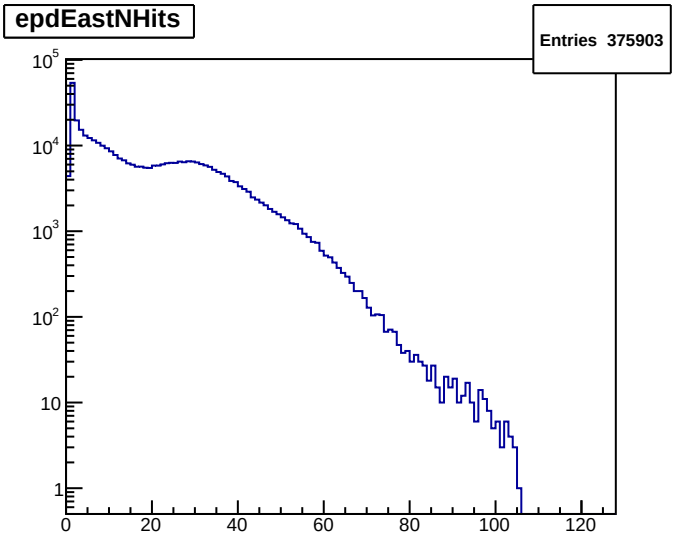

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

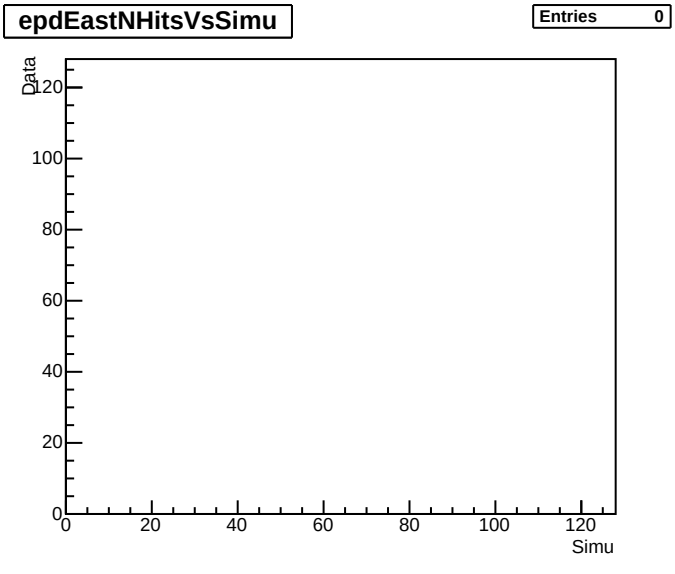

epdEastTac03
Entries 375903


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 375903


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 375903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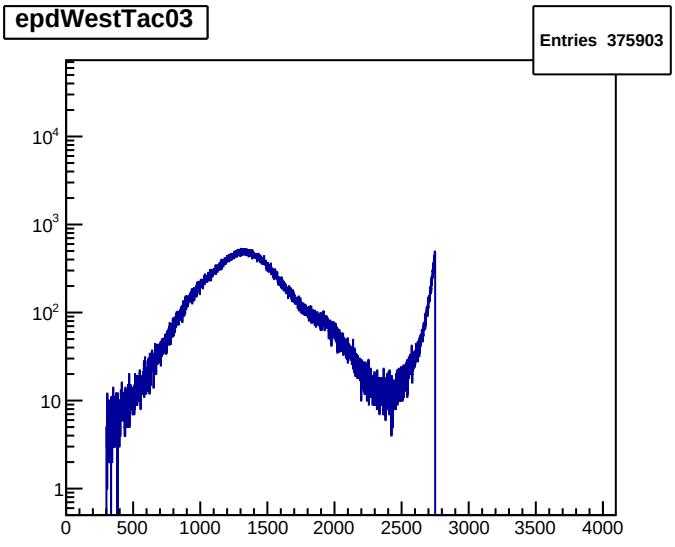
Entries 0
Data
Simu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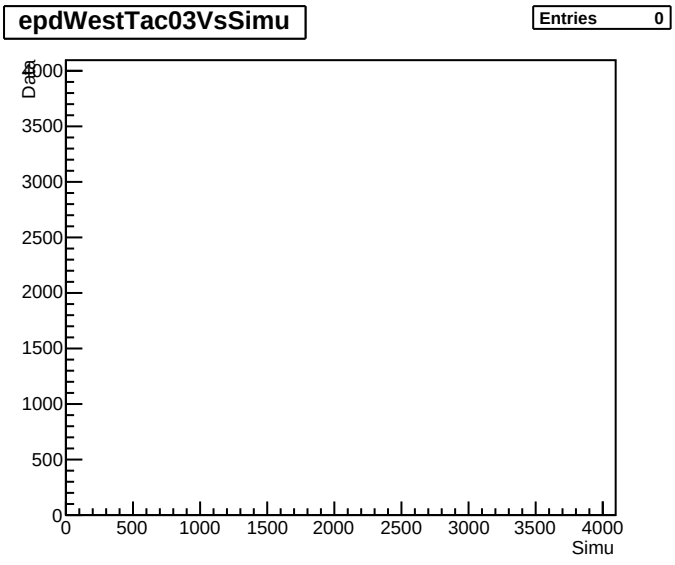
Entries 375903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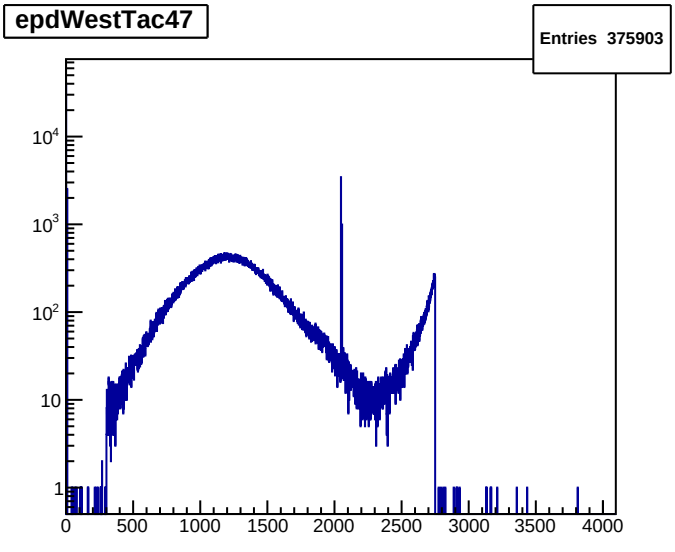
Entries 0
Data
Simu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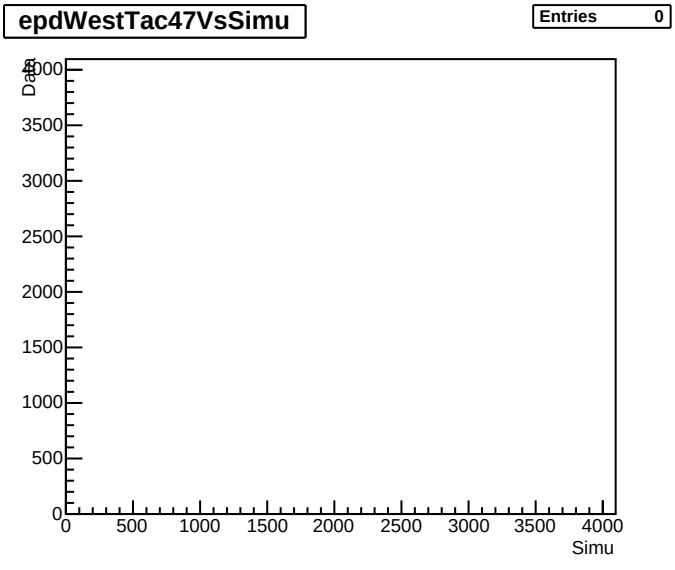
Entries 375903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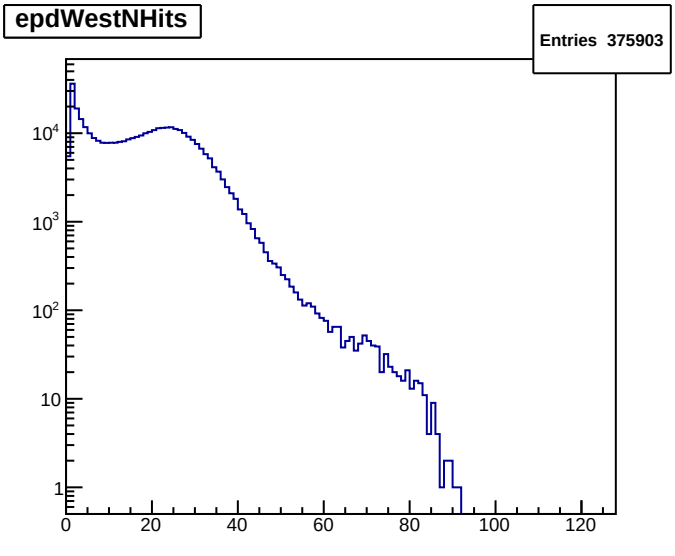
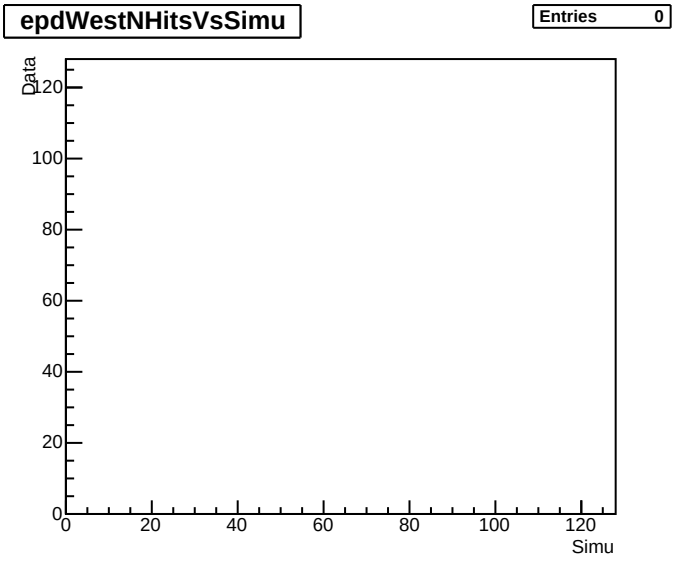
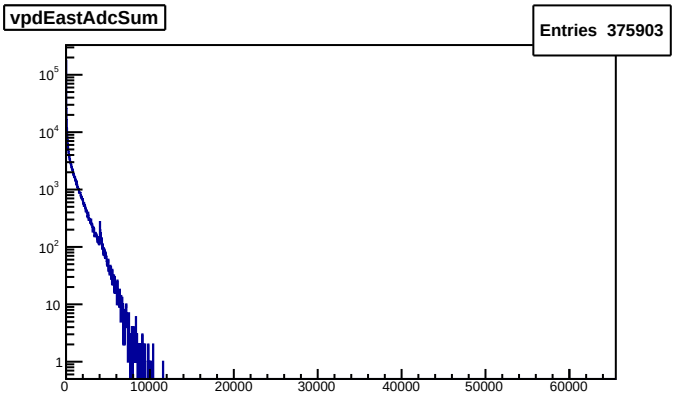
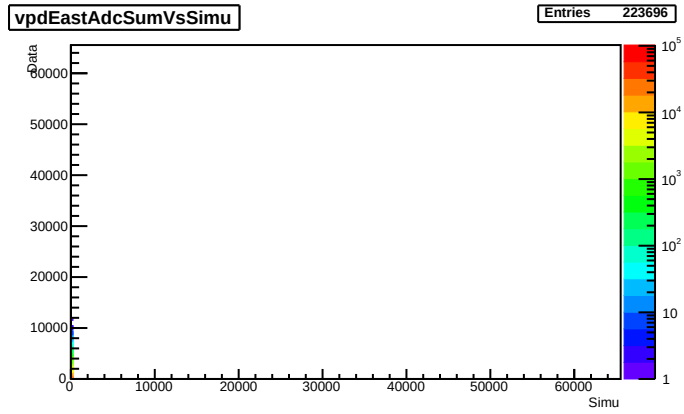
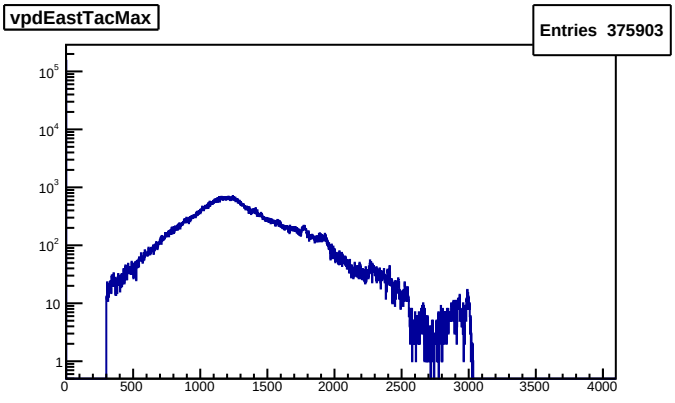
Entries 0
Data
Simu

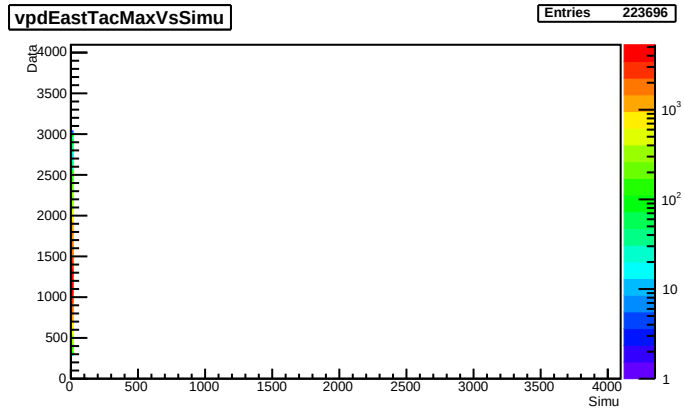

epdWestNHits
Entries 375903

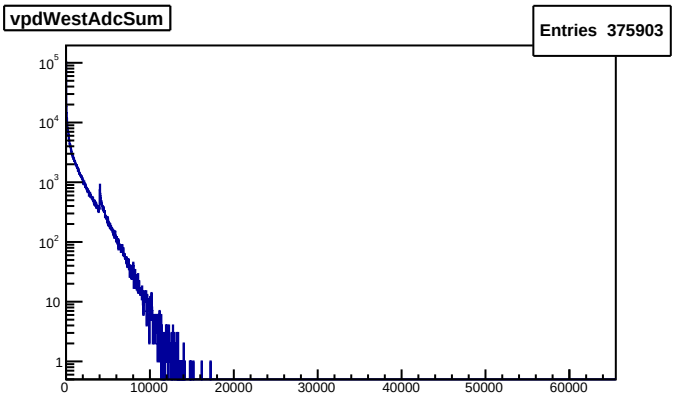

epdWestNHitsVsSimu
Entries 0
Data
Simu

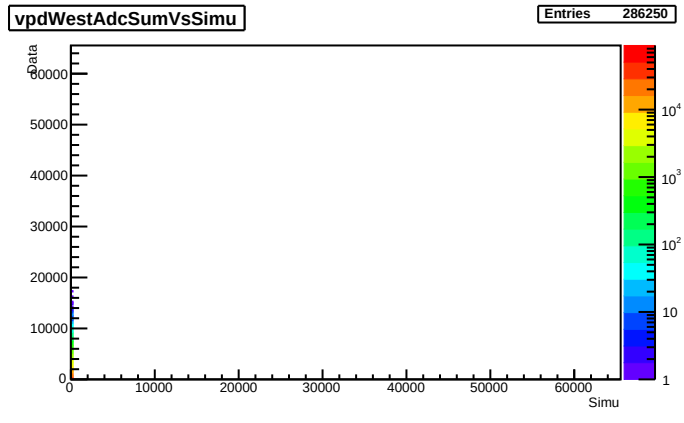

vpdEastAdcSum
Entries 375903

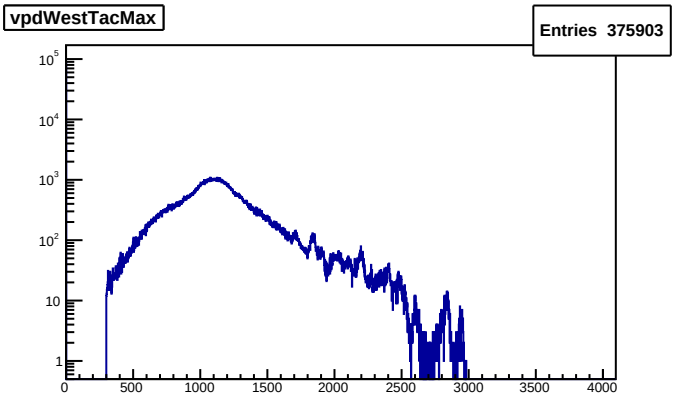

vpdEastAdcSumVsSimu
Entries 223696
Data
Simu

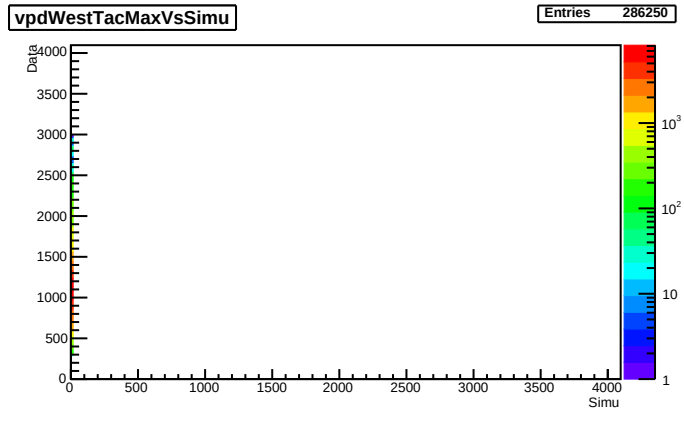

vpdEastTacMax
Entries 375903

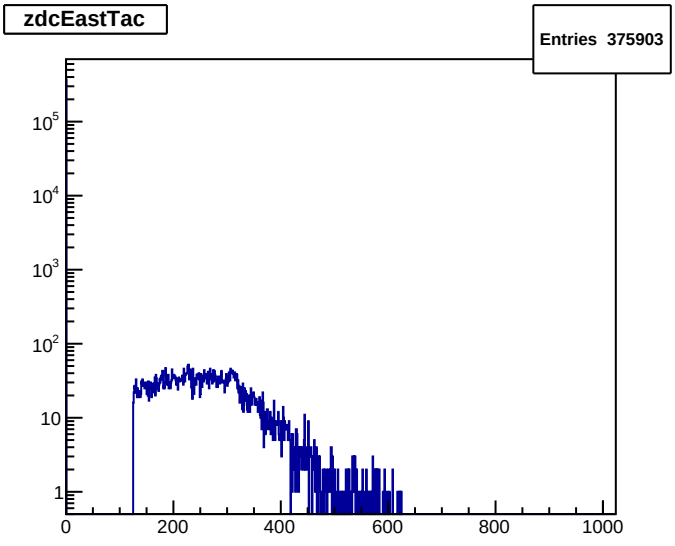

vpdEastTacMaxVsSimu
Entries 223696
Data
Simu

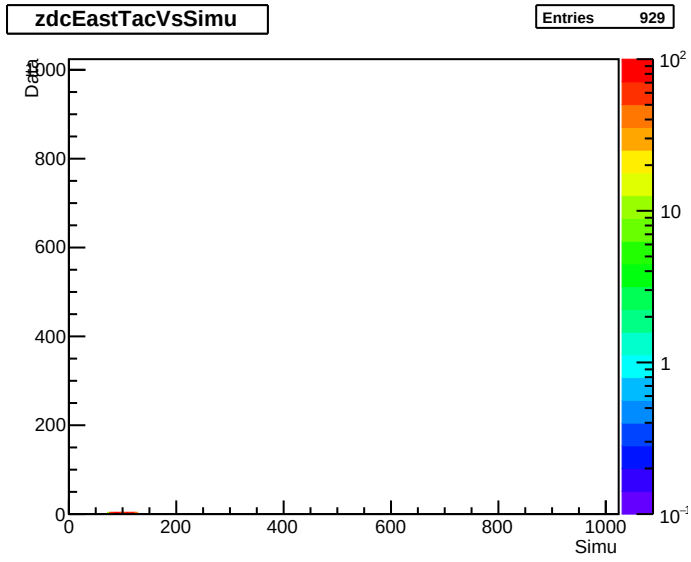

vpdWestAdcSum
Entries 375903

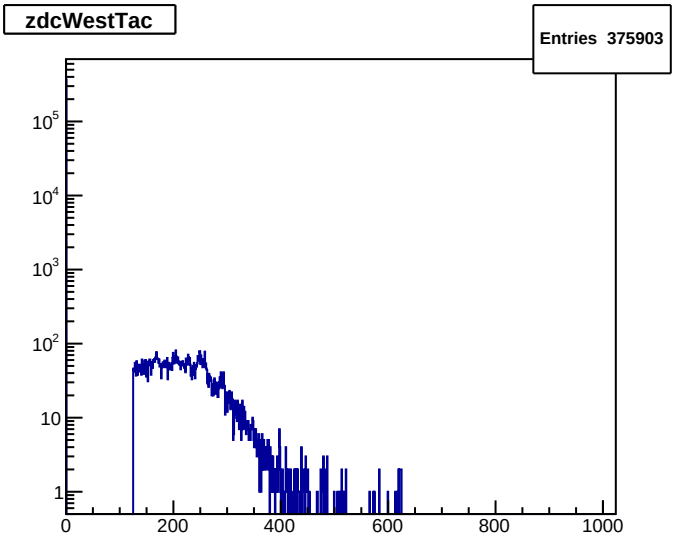

vpdWestAdcSumVsSimu
Entries 286250
Data
Simu

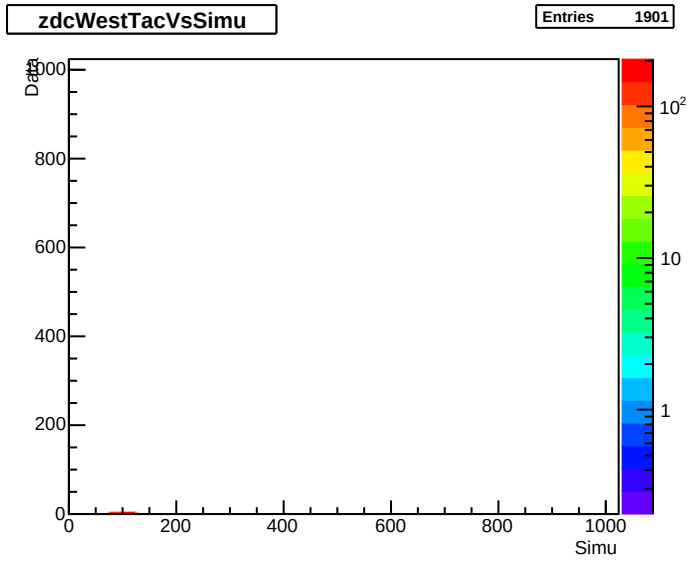

vpdWestTacMax
Entries 375903

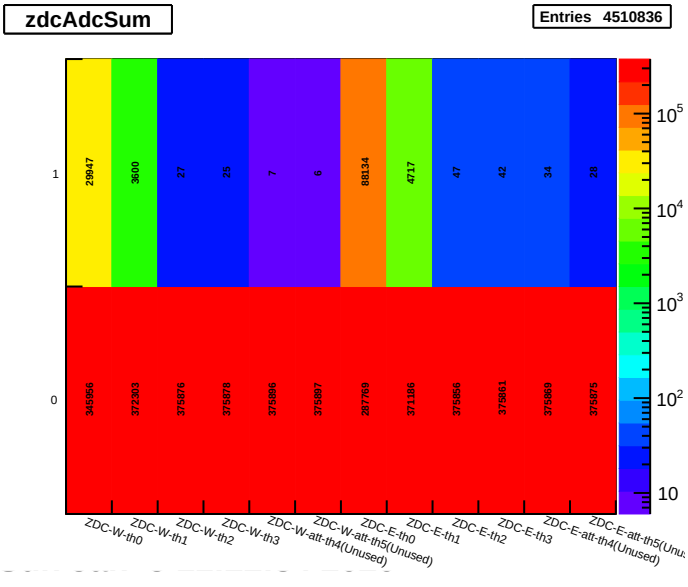

vpdWestTacMaxVsSimu
Entries 286250
Data
Simu

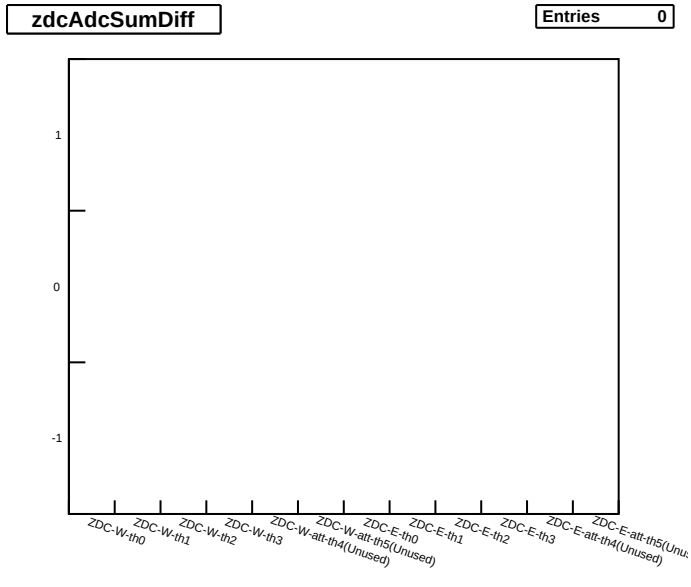

zdcEastTac
Entries 375903

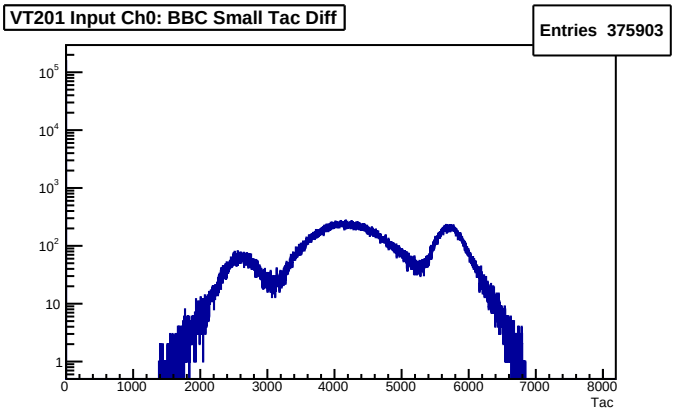

zdcEastTacVsSimu
Entries 929
Data
Simu

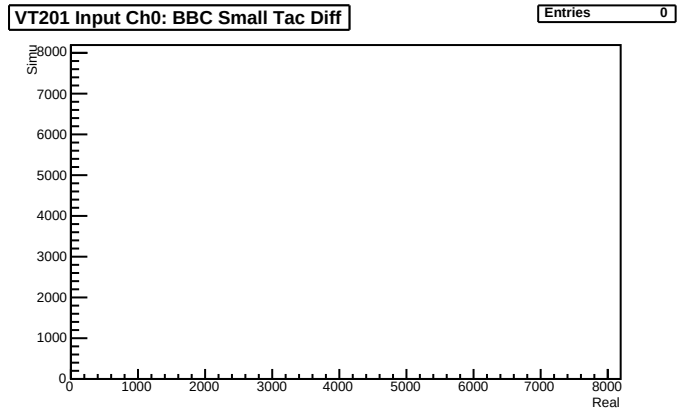

zdcWestTac
Entries 375903

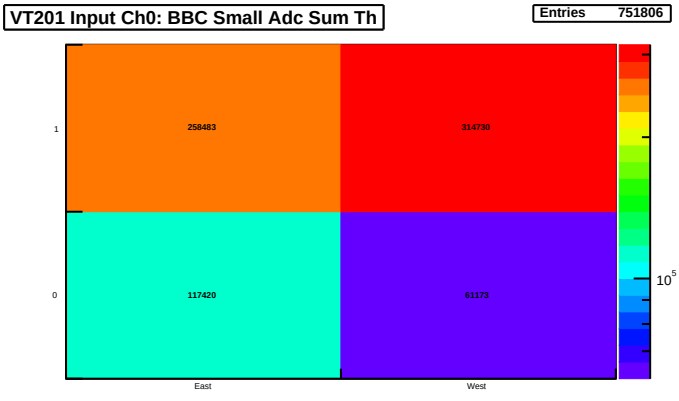

zdcWestTacVsSimu
Entries 1901
Data
Simu

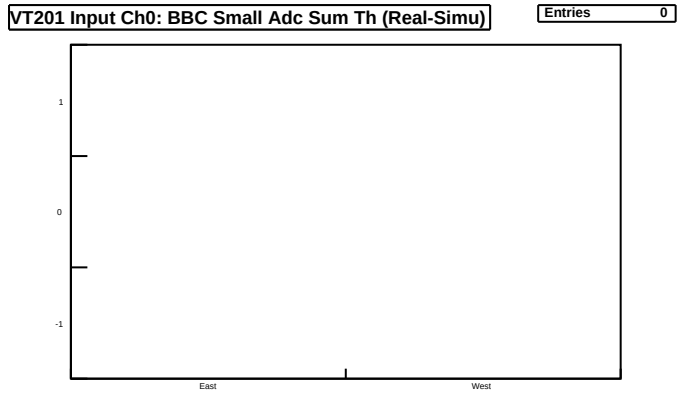

zdcAdcSum
Entries 4510836
29947
3600
27
25
7
6
88134
4717
47
42
34
28
345566
372303
375876
375878
375896
375897
287769
371186
375856
375861
375869
375875
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

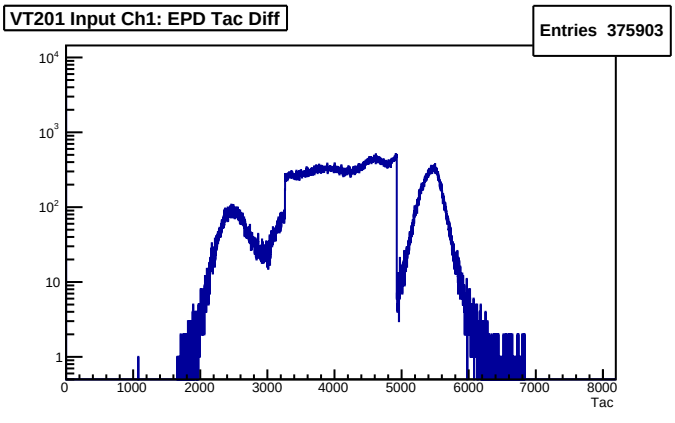

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

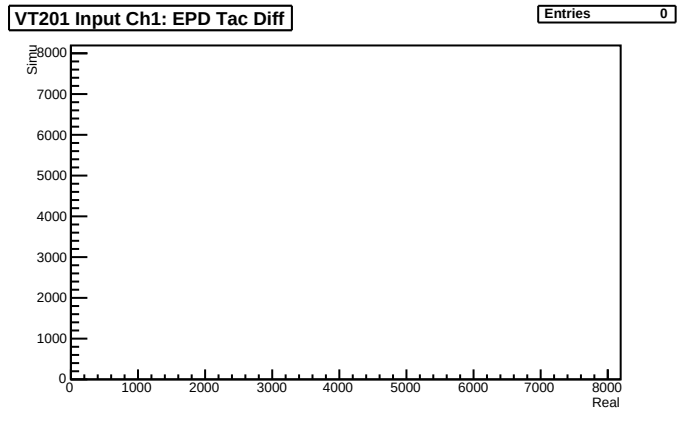

VT201 Input Ch0: BBC Small Tac Diff
Entries 375903
Tac

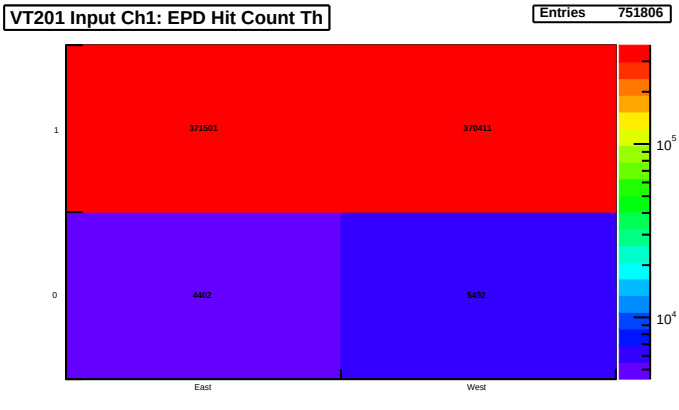

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

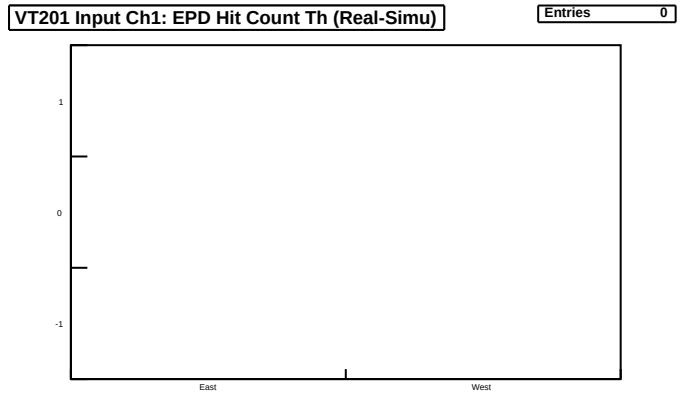

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 751806
258483
314730
117420
61173
East
West

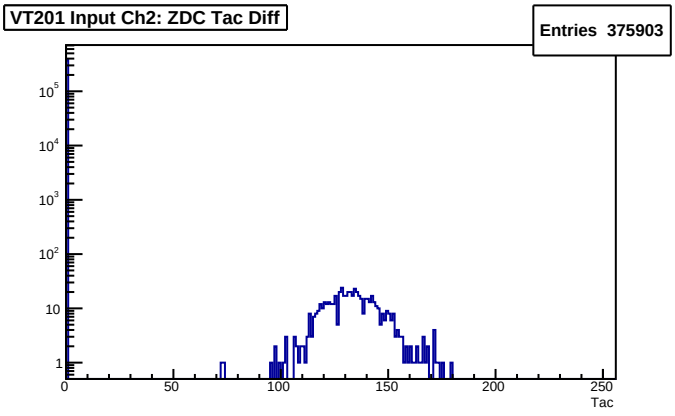

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

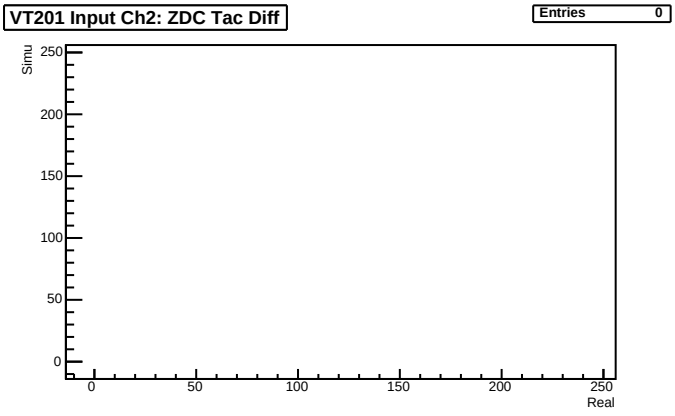

VT201 Input Ch1: EPD Tac Diff
Entries 375903
Tac

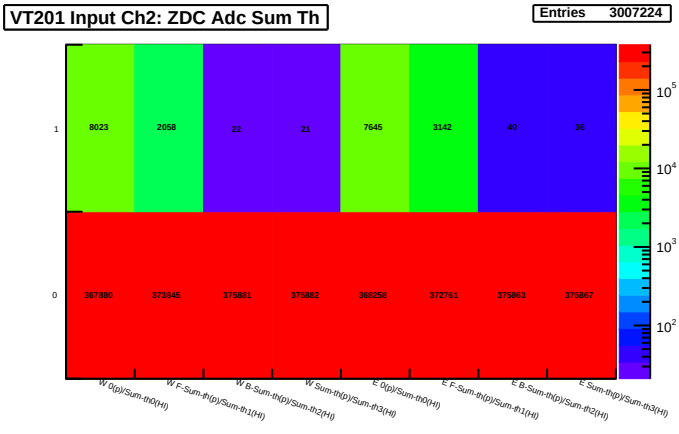

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

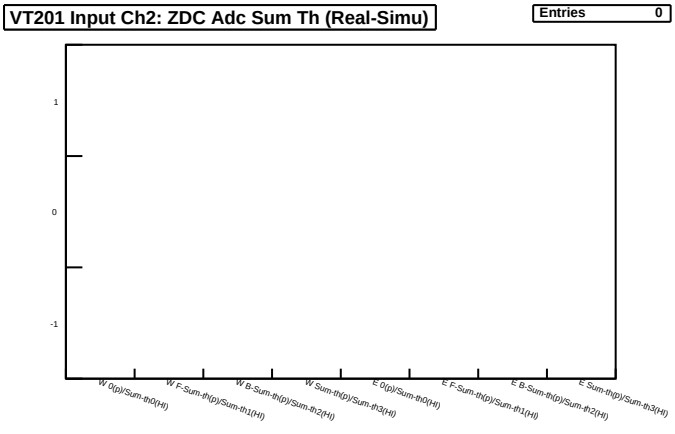

VT201 Input Ch1: EPD Hit Count Th
Entries 751806
371501
370411
4402
5492
East
West

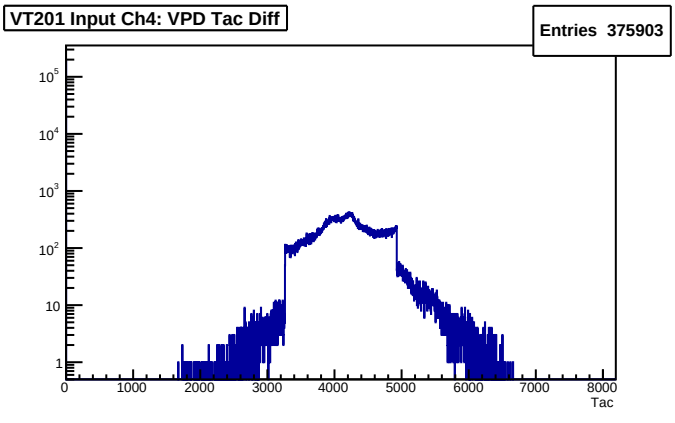

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

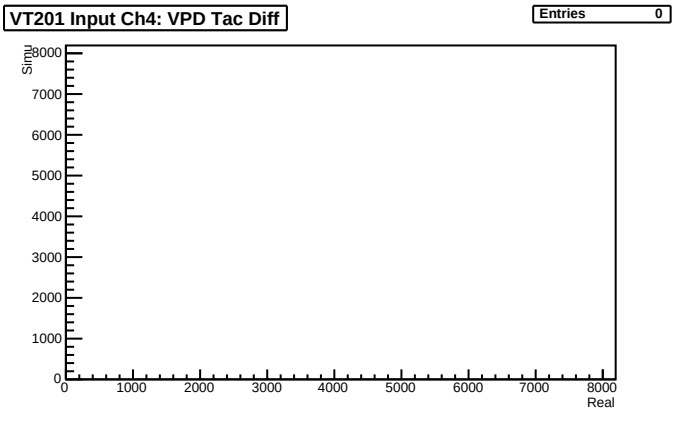

VT201 Input Ch2: ZDC Tac Diff
Entries 375903
Tac

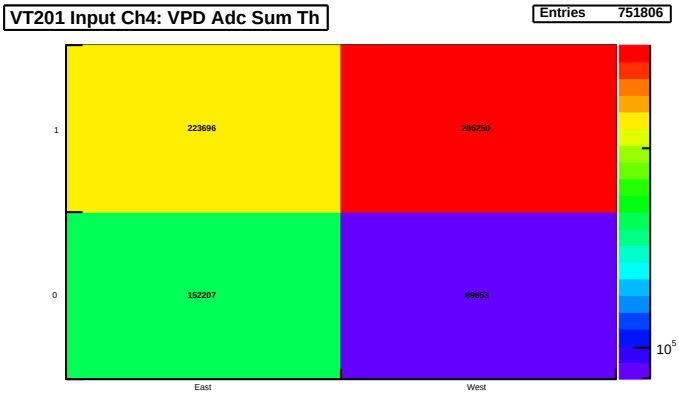

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

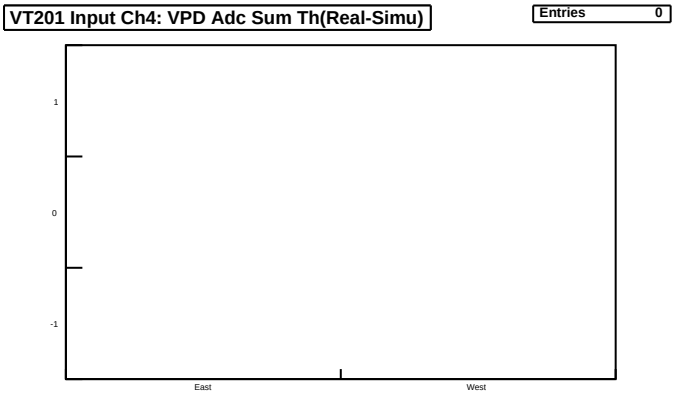

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3007224
8023
2058
22
21
7645
3142
40
36
367880
373845
375881
375882
368258
372761
375863
375867
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

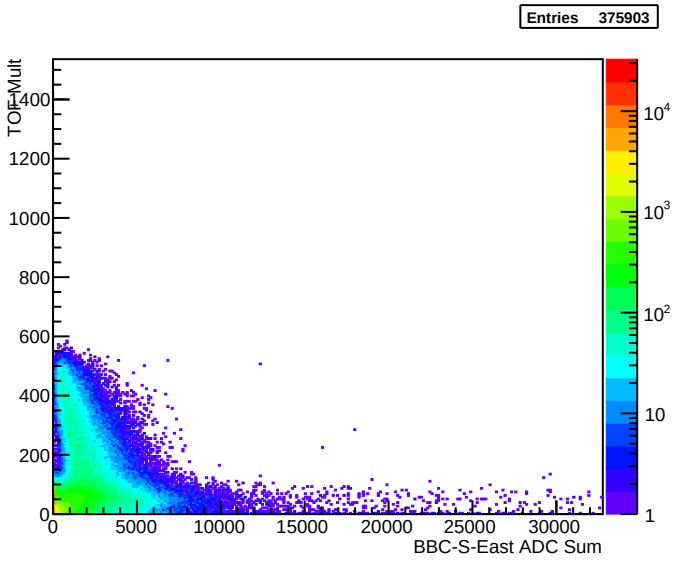

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

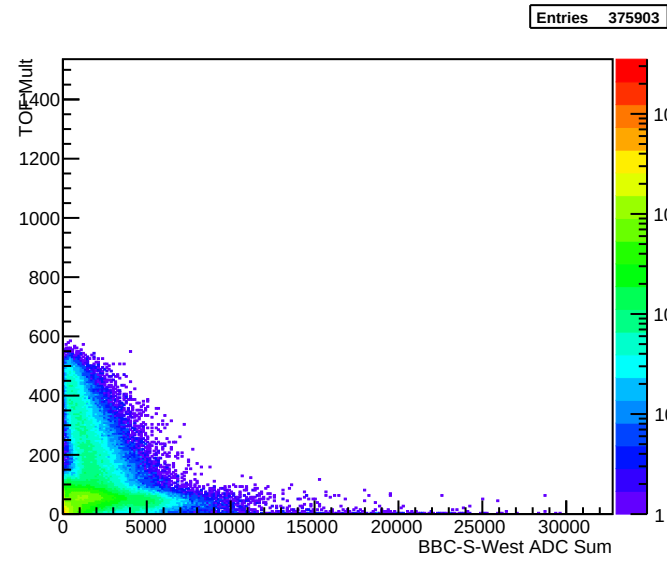

VT201 Input Ch4: VPD Tac Diff
Entries 375903
Tac

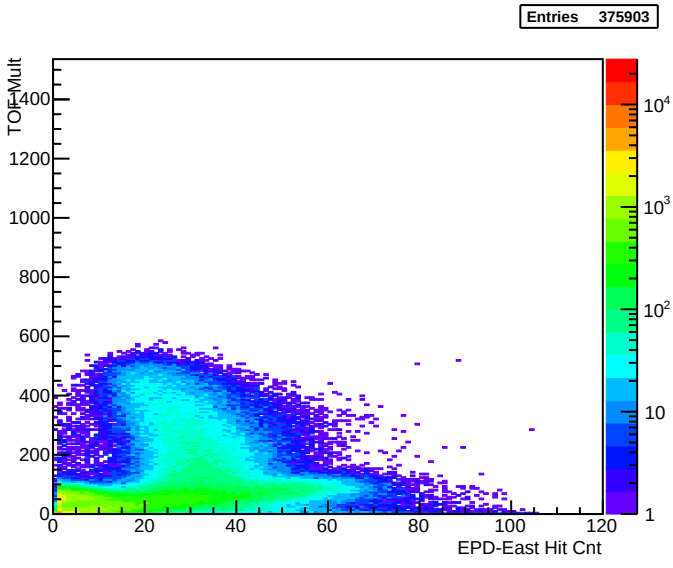

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

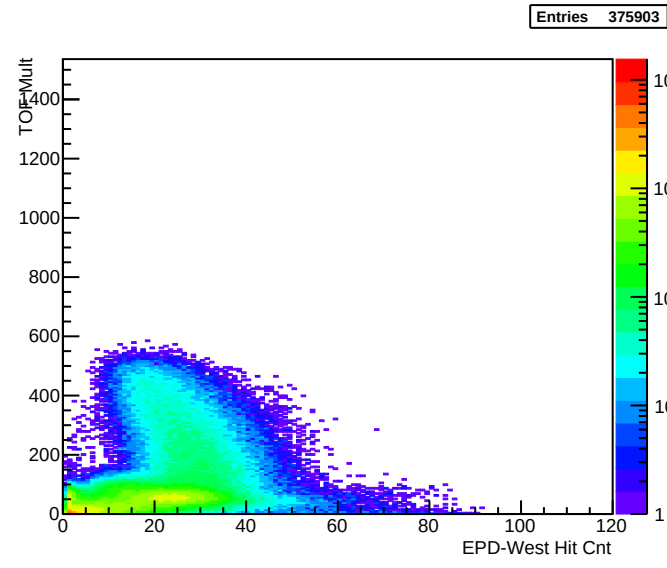

VT201 Input Ch4: VPD Adc Sum Th
Entries 751806
223696
280250
152207
89653
East
West

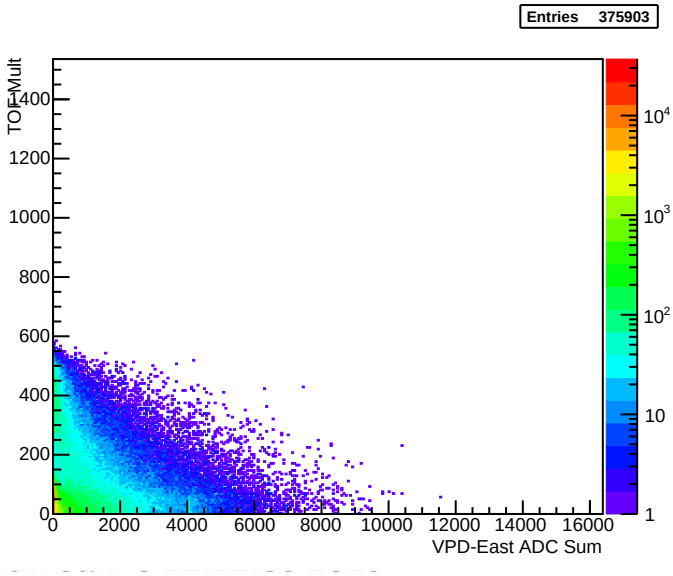

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

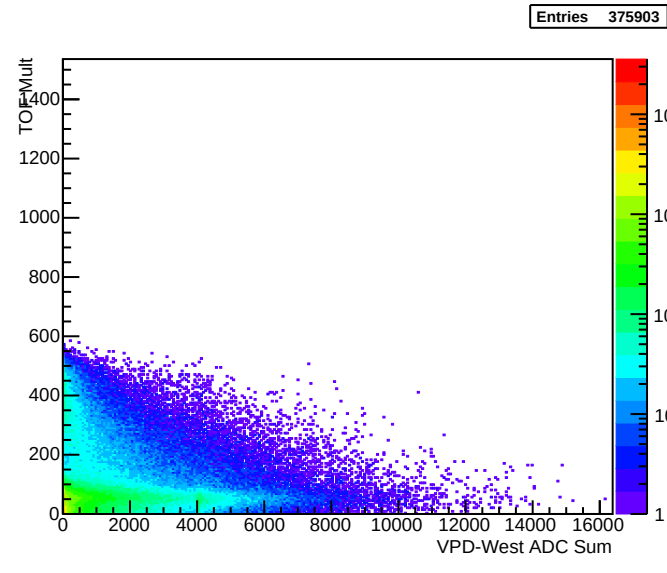

Entries 375903
TOF-Mult
BBC-S-East ADC Sum

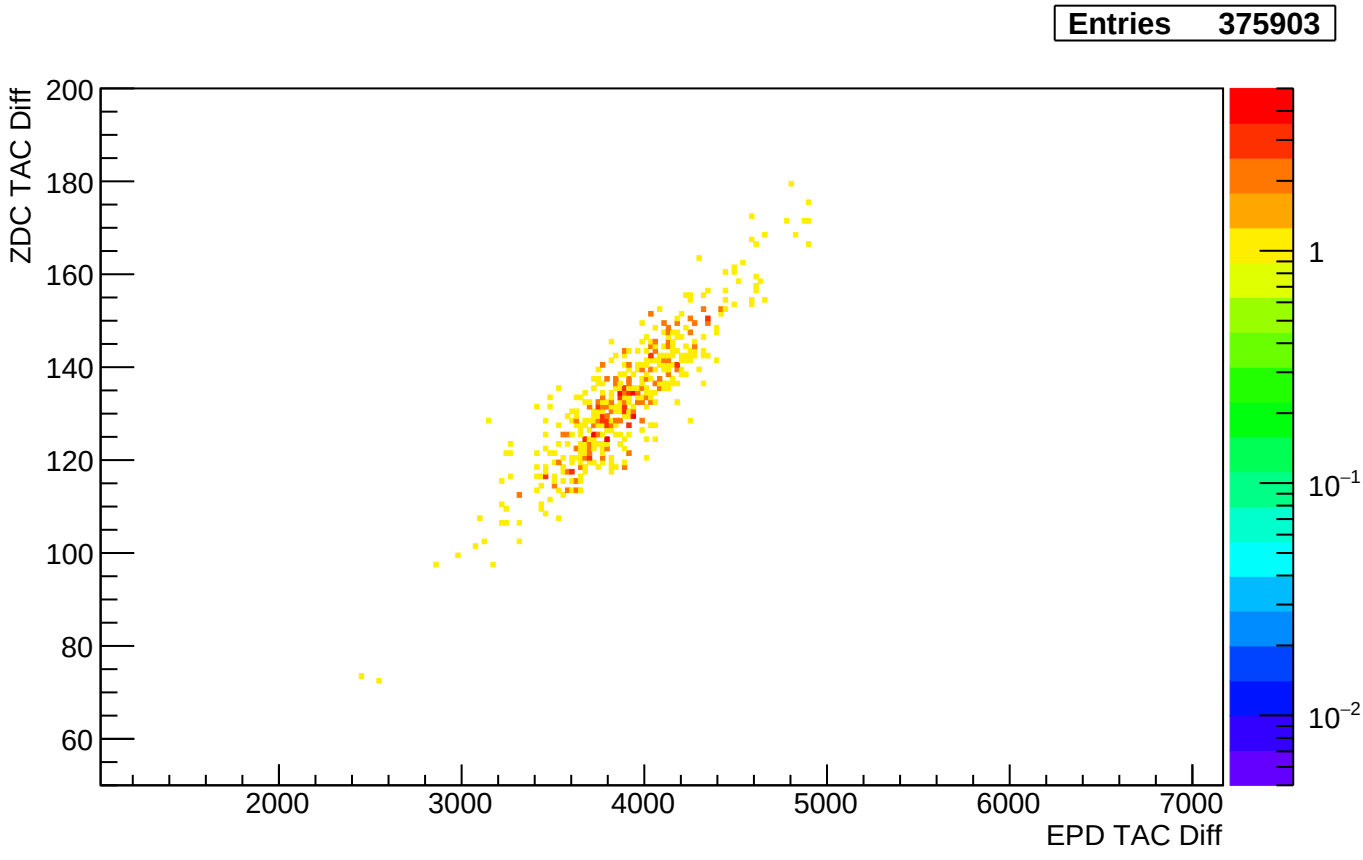

Entries 375903
TOF-Mult
BBC-S-West ADC Sum

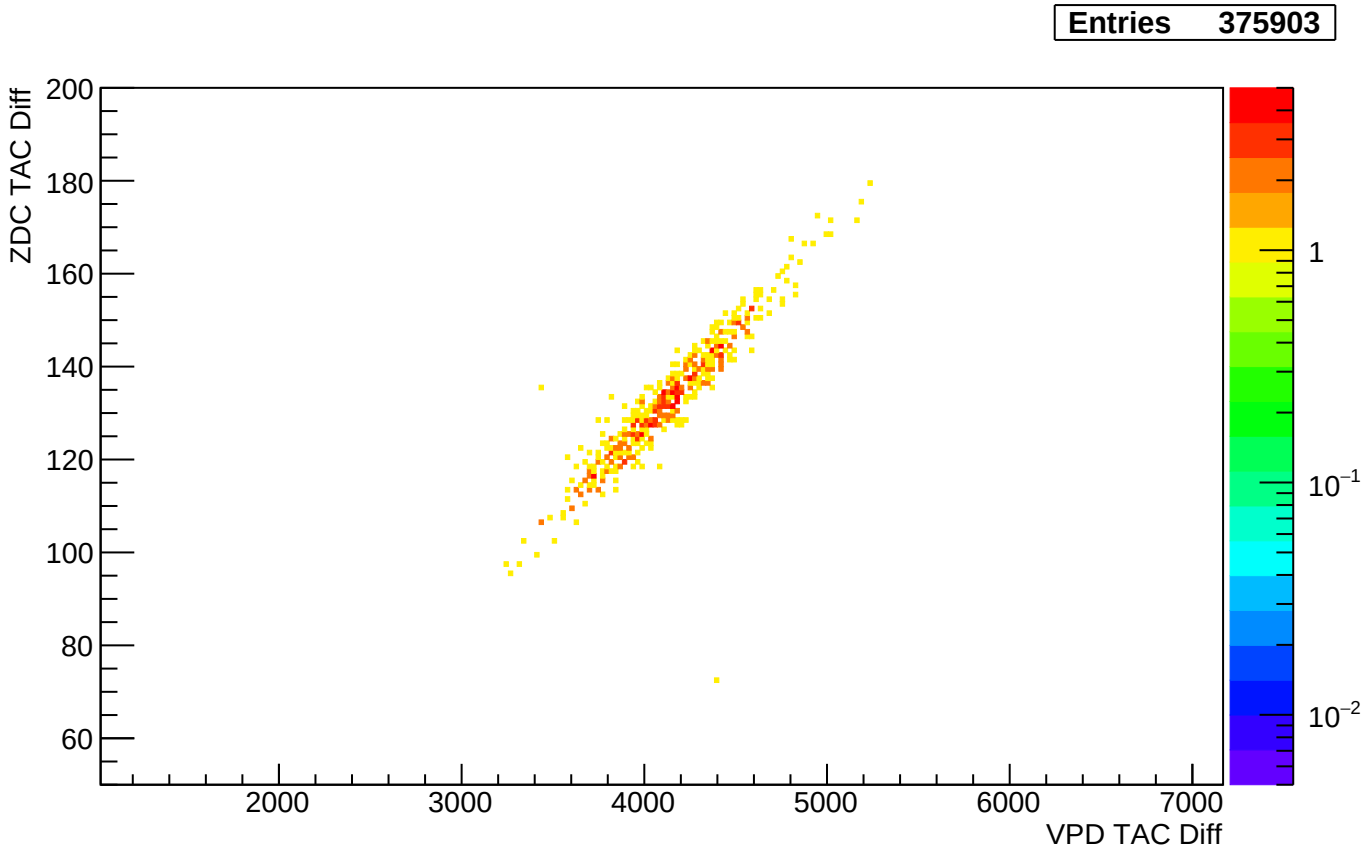

Entries 375903
TOF-Mult
EPD-East Hit Cnt

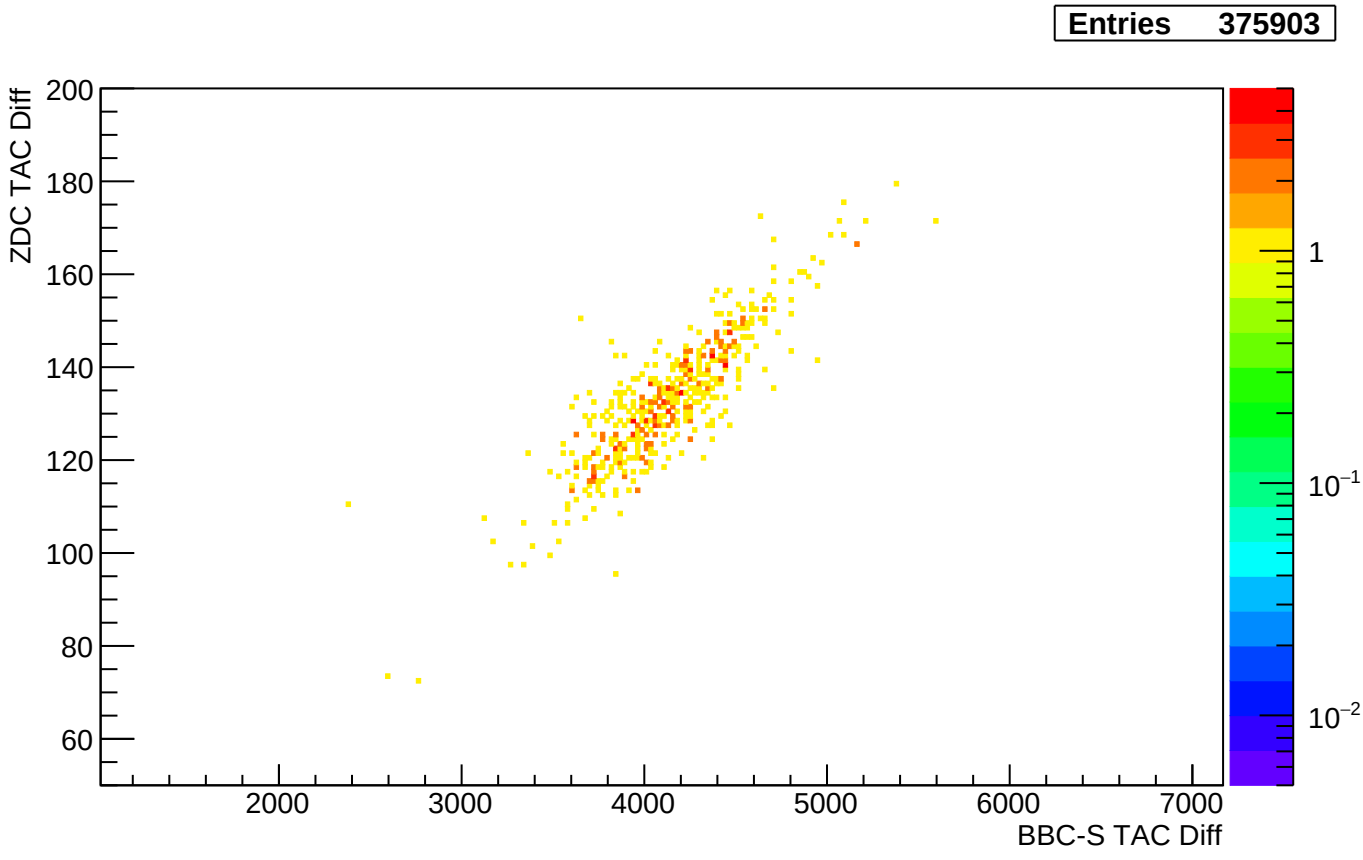

Entries 375903
TOF-Mult
EPD-West Hit Cnt

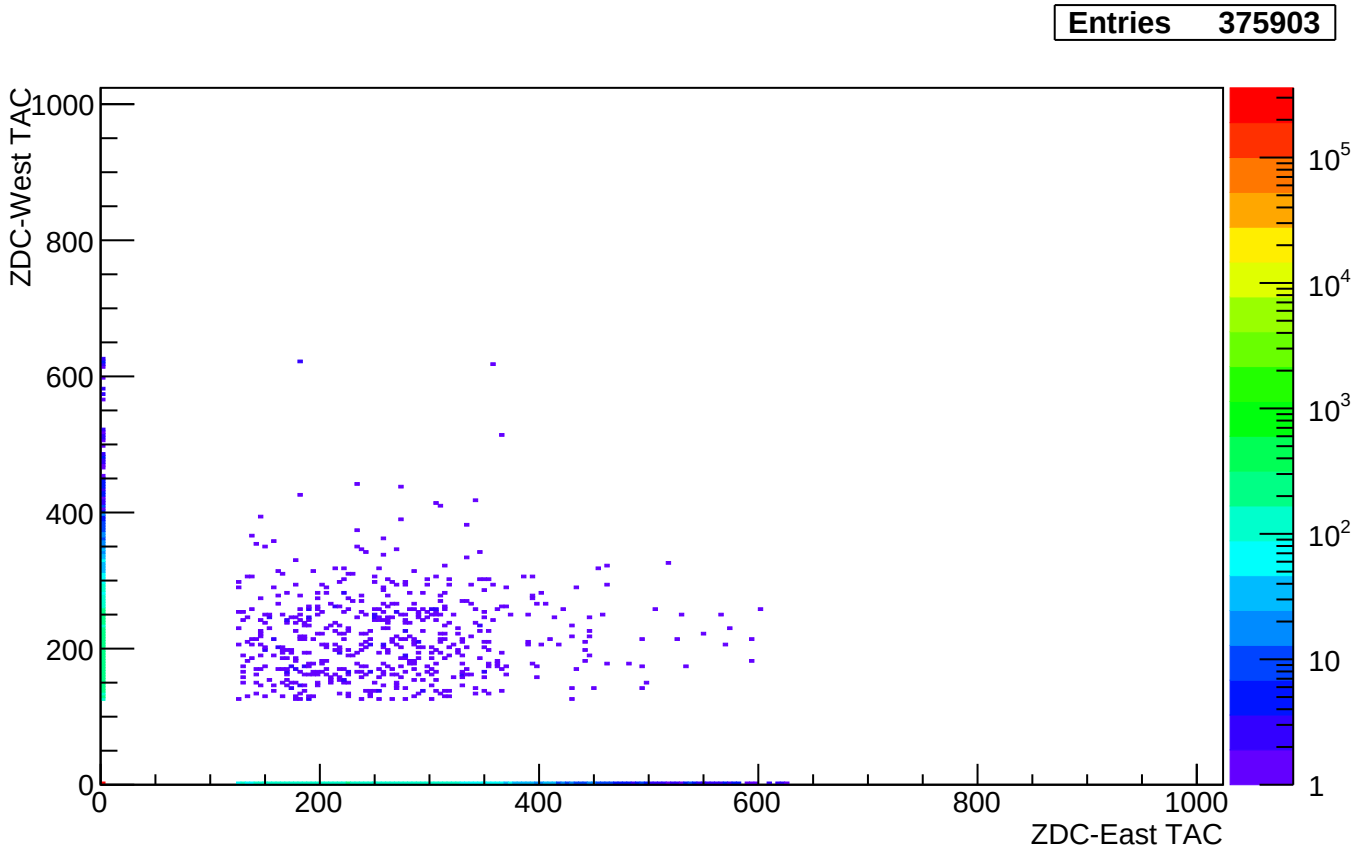

Entries 375903
TOF-Mult
VPD-East ADC Sum

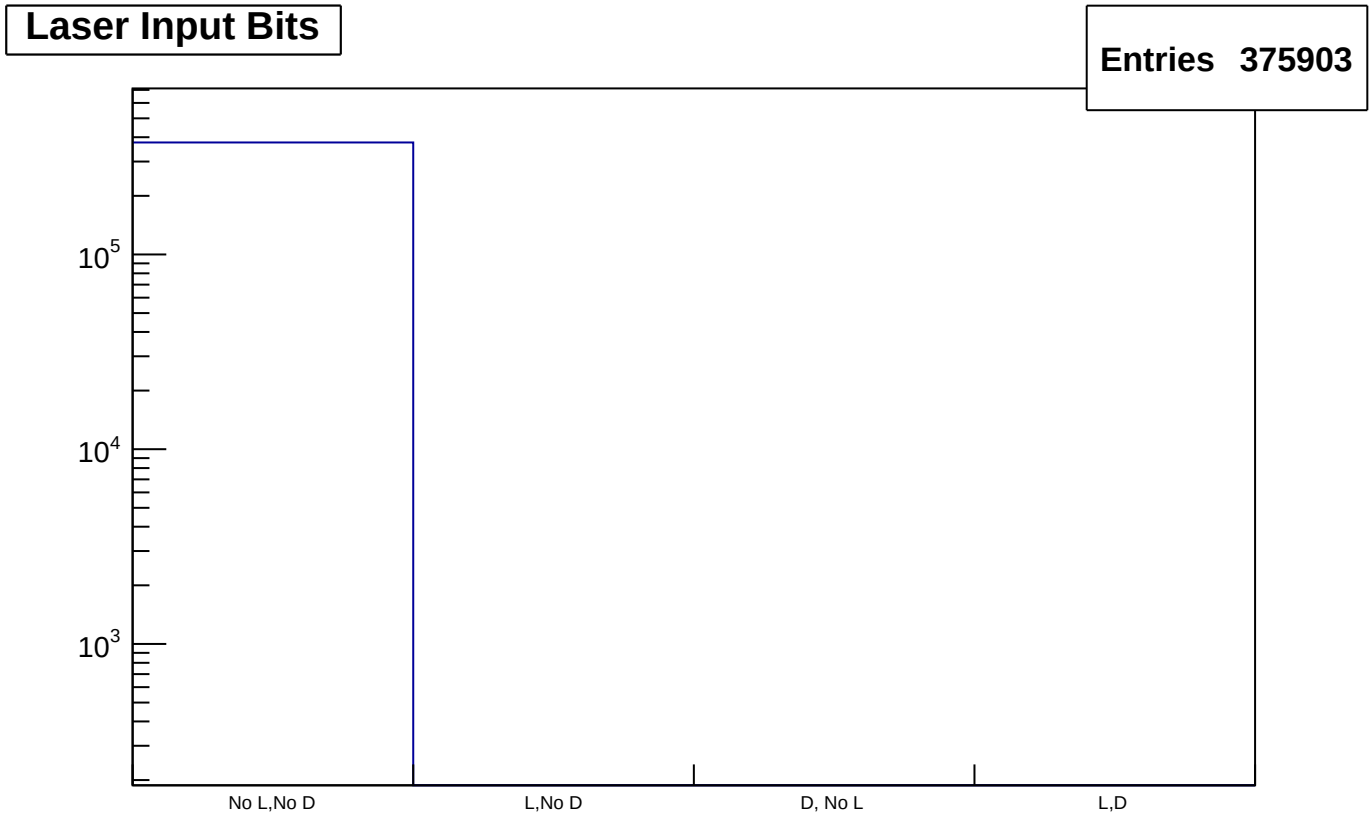

Entries 375903
TOF-Mult
VPD-West ADC Sum

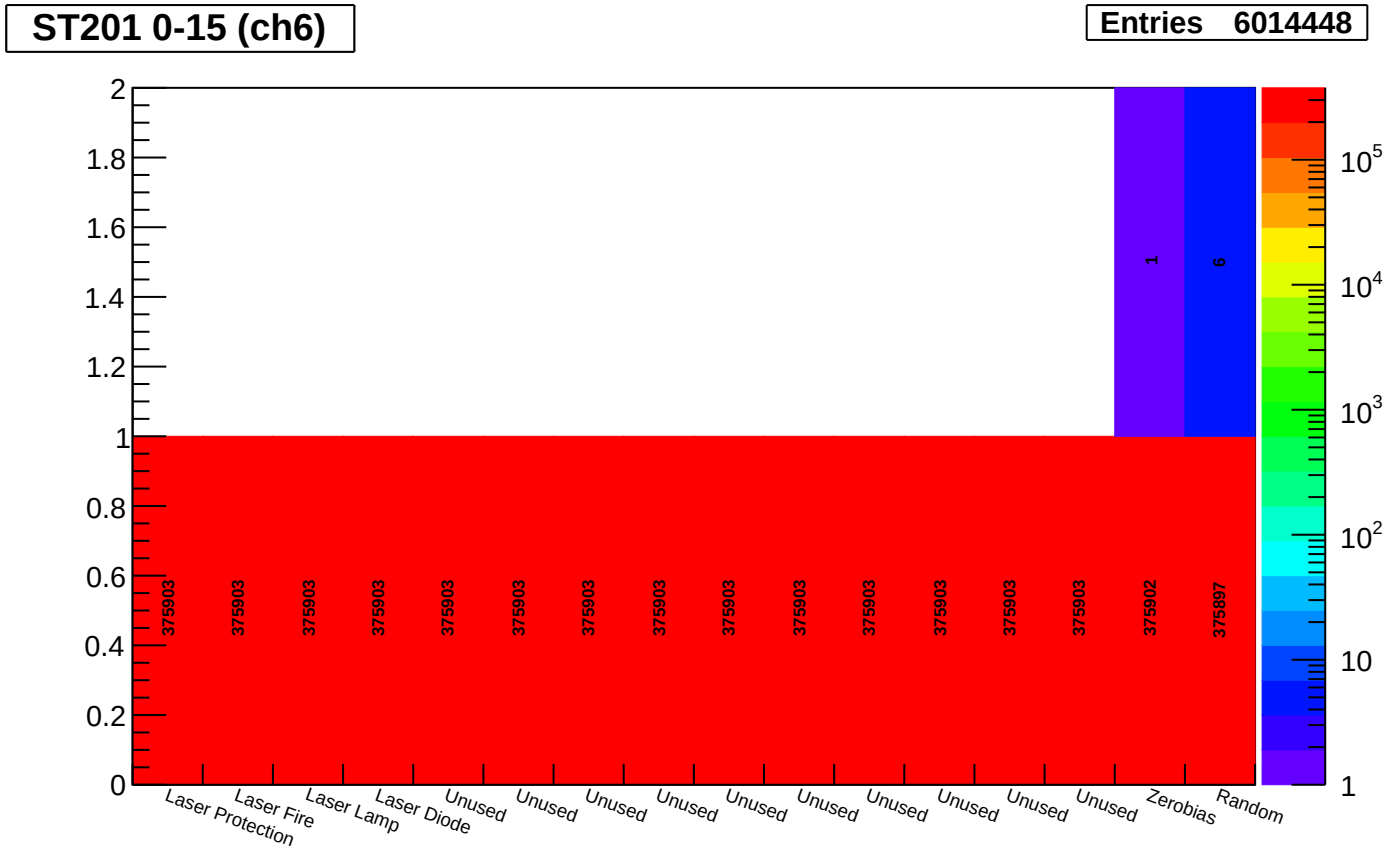

Entries 375903
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

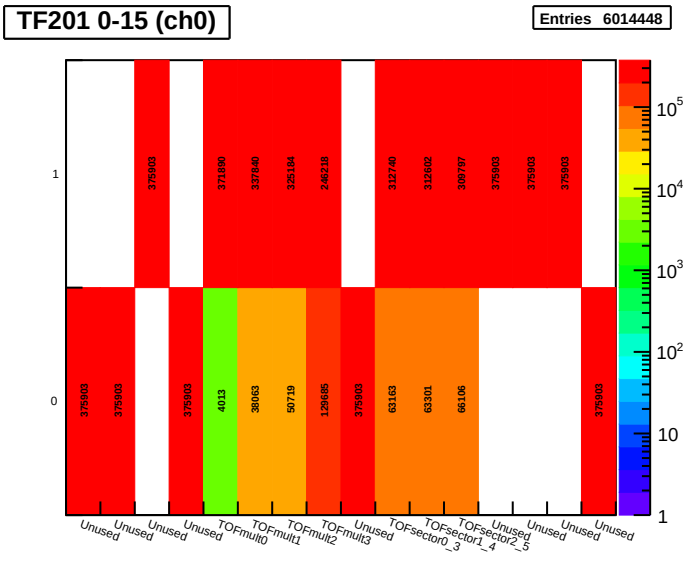

Entries 375903
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

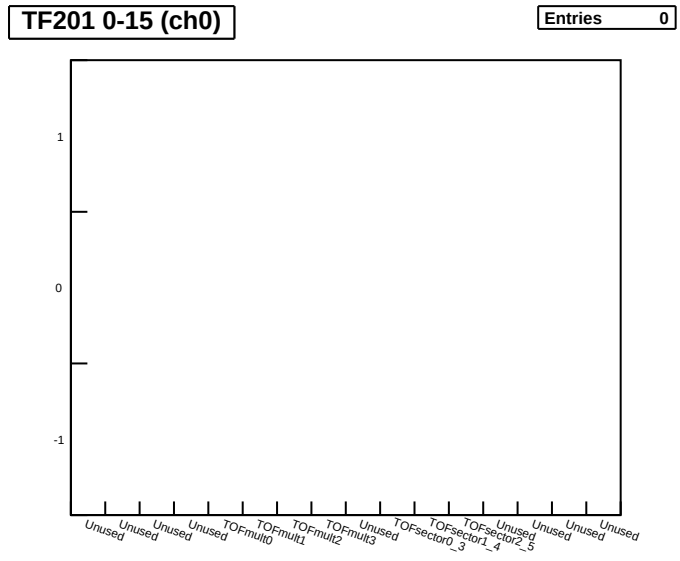

Entries 375903
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
$10^{-1}$
$10^{-2}$

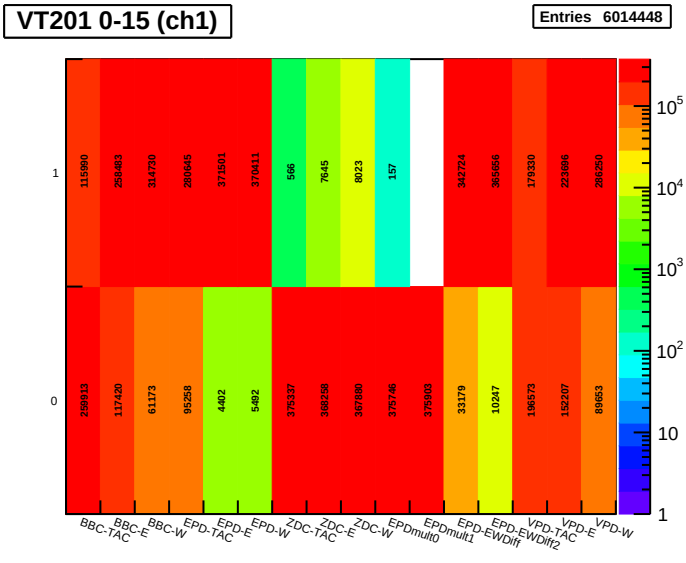

Entries 375903
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

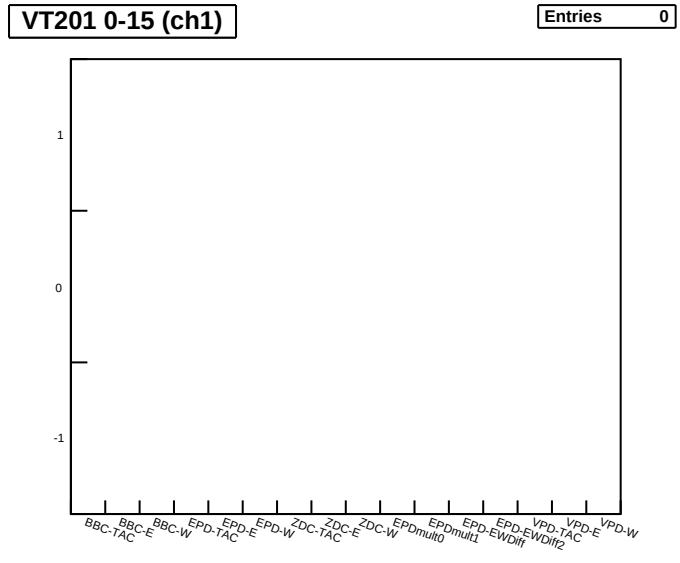

Laser Input Bits
Entries 375903
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

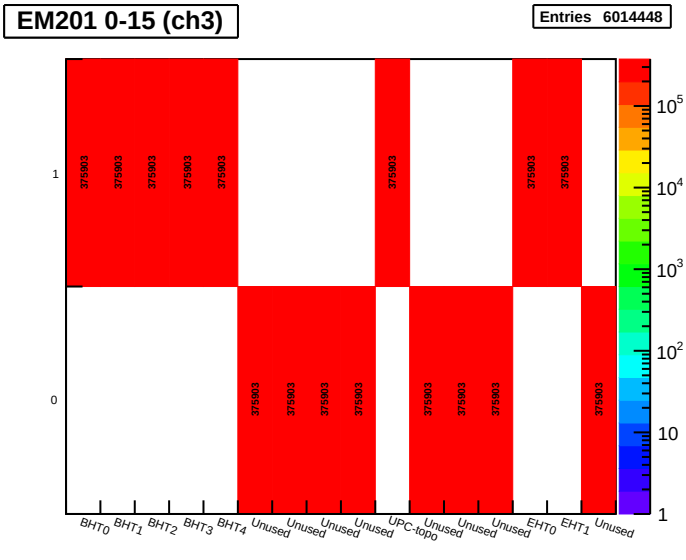

ST201 0-15 (ch6)
Entries 6014448
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
375903
375903
375903
375903
375903
375903
375903
375903
375903
375903
375903
375903
375903
375903
375902
375897
1
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

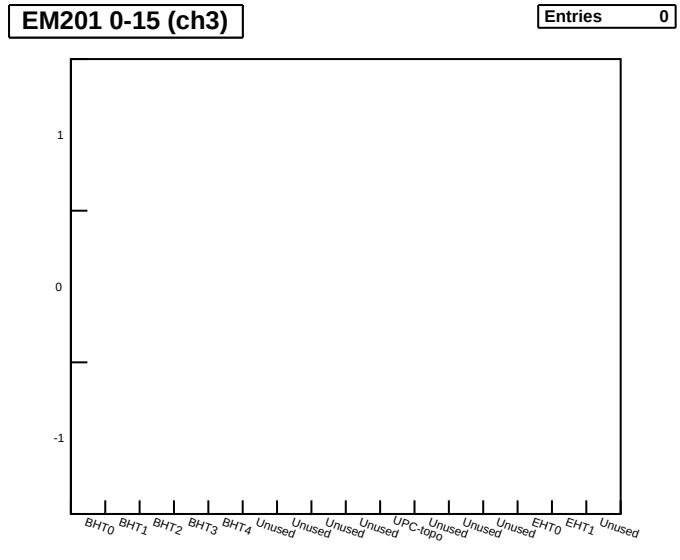

TF201 0-15 (ch0)
Entries 6014448
1
0
375903 375903 375903 375903 375903 375903 375903 375903 375903 375903 375903 375903 375903 375903 375903 375903
4013 38063 50719 129685 63163 63301 66106
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 6014448
1
0
115990 258483 314730 280645 371501 370411 566 7645 8023 157 342724 365656 179330 223686 286250
259913 117420 61173 95258 4402 5492 375337 368258 367880 375746 375903 33179 10247 196573 152207 89653
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 6014448
1
0
375903 375903 375903 375903 375903 375903 375903 375903 375903
375903 375903 375903 375903 375903 375903 375903 375903
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