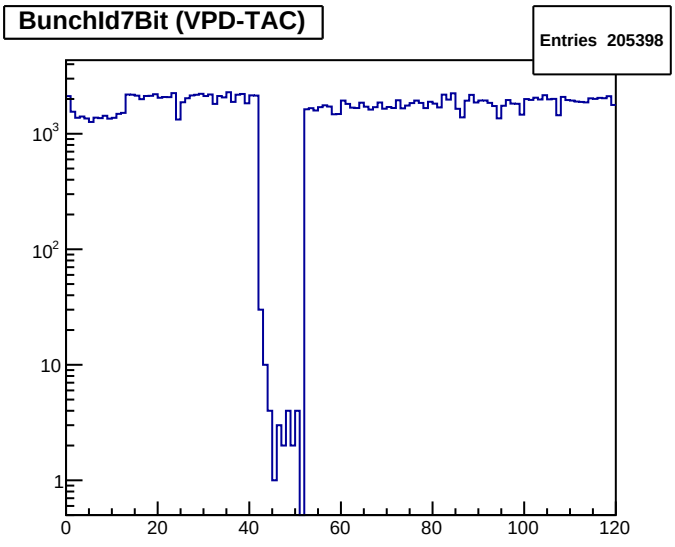
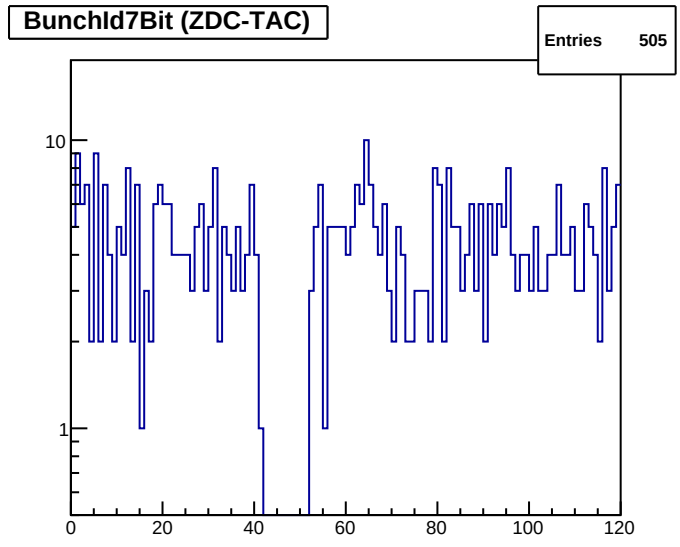
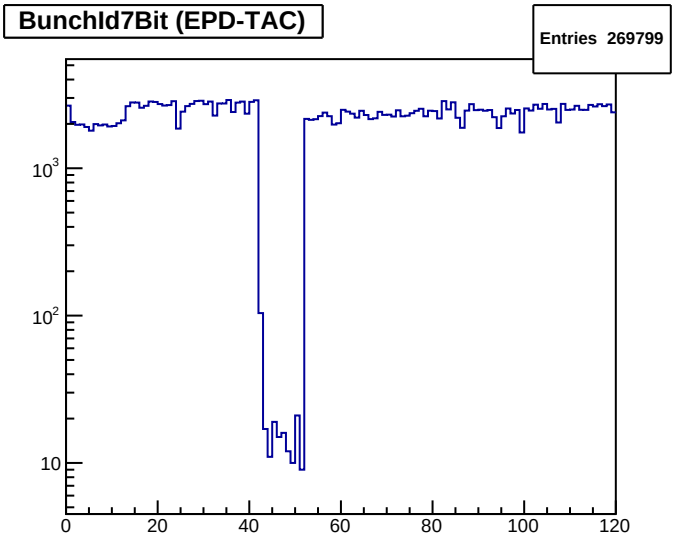
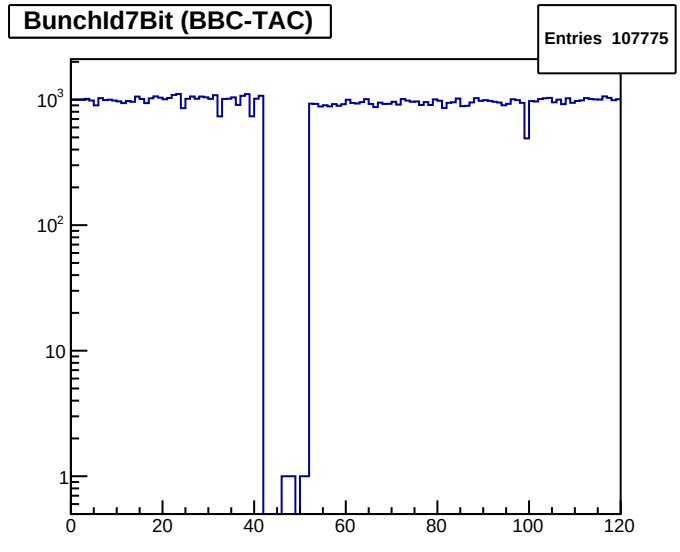
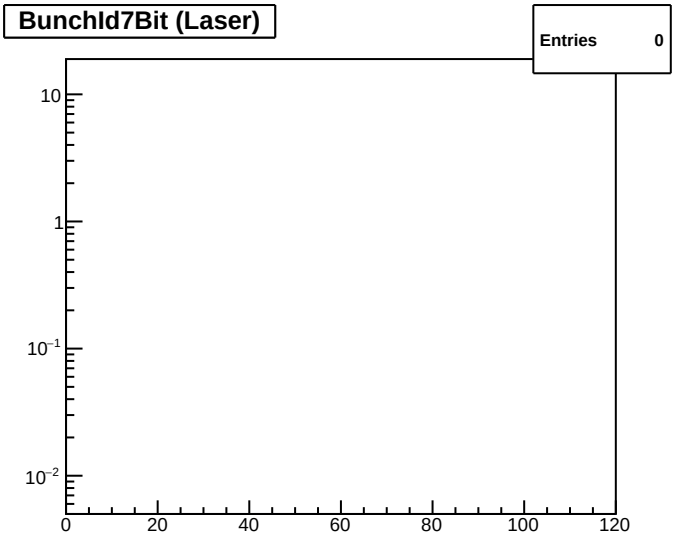
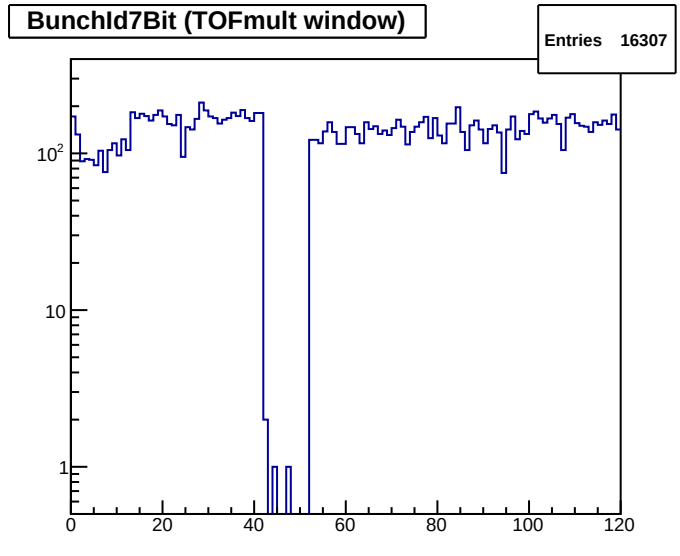

BunchId7Bit (VPD-TAC)
Entries 205398

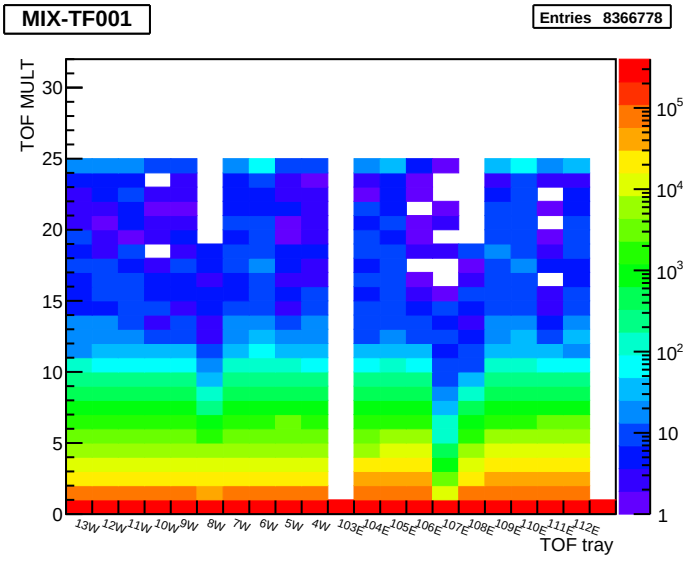

BunchId7Bit (ZDC-TAC)
Entries 505

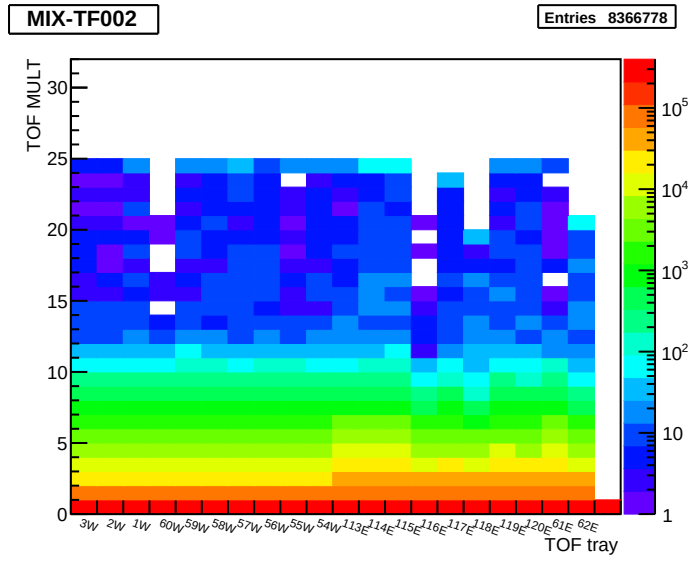

BunchId7Bit (EPD-TAC)
Entries 269799

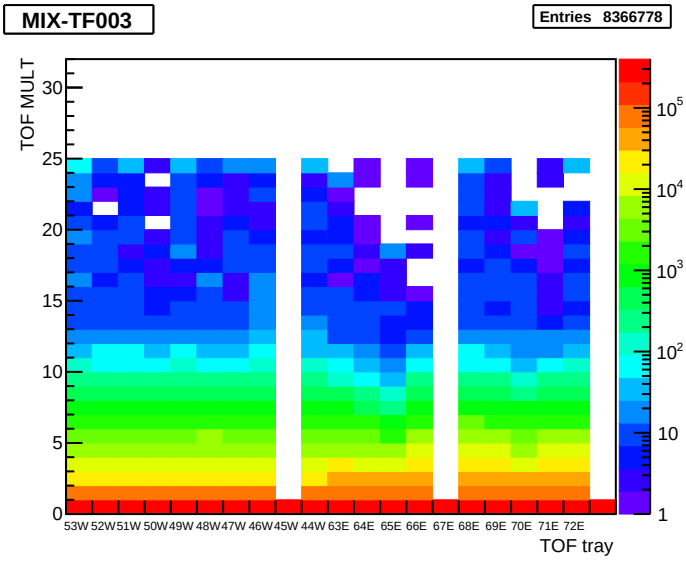

BunchId7Bit (BBC-TAC)
Entries 107775

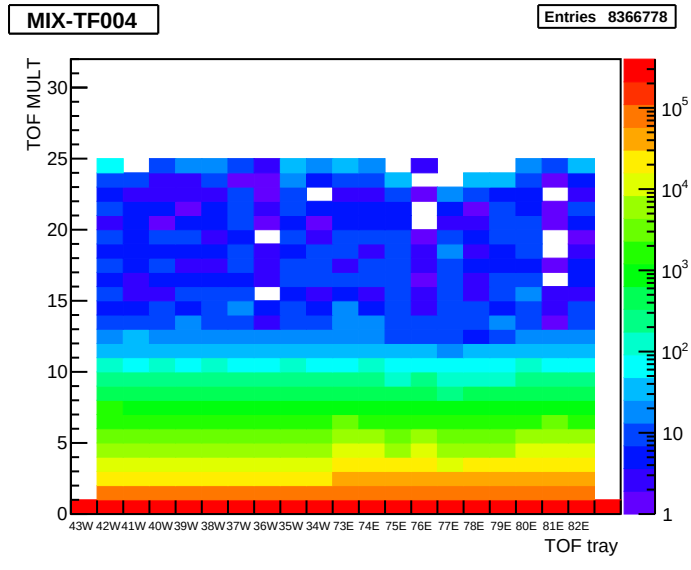

BunchId7Bit (Laser)
Entries 0

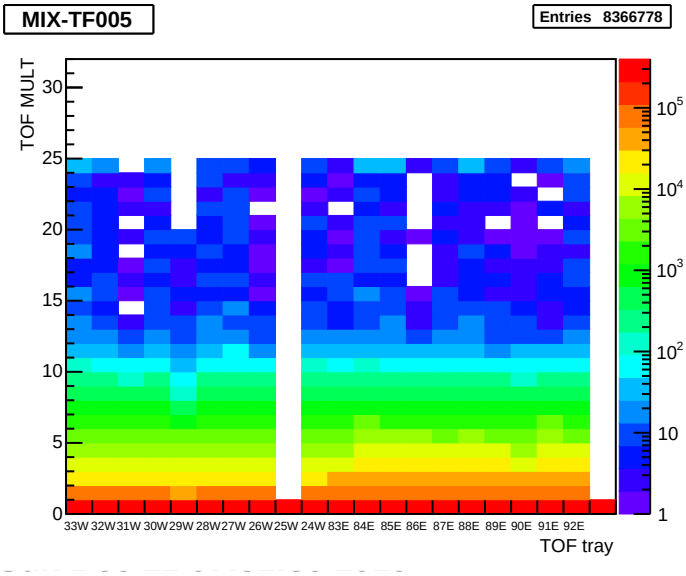

BunchId7Bit (TOFmult window)
Entries 16307

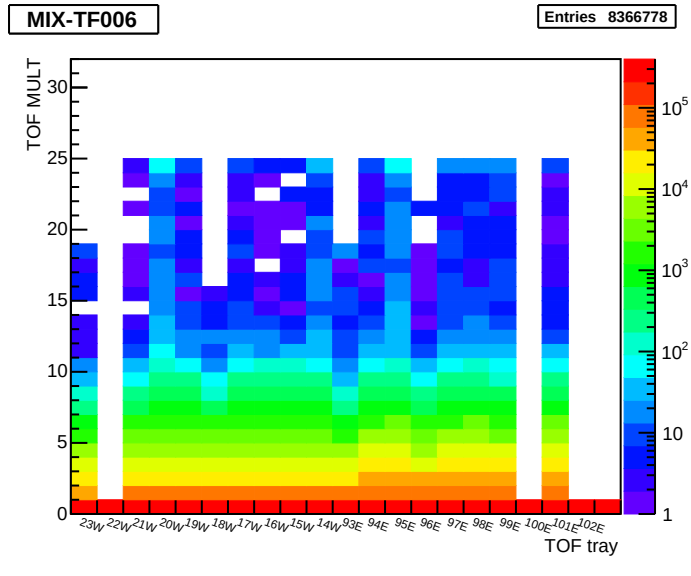

MIX-TF001
Entries 8366778
TOF MULT
TOF tray

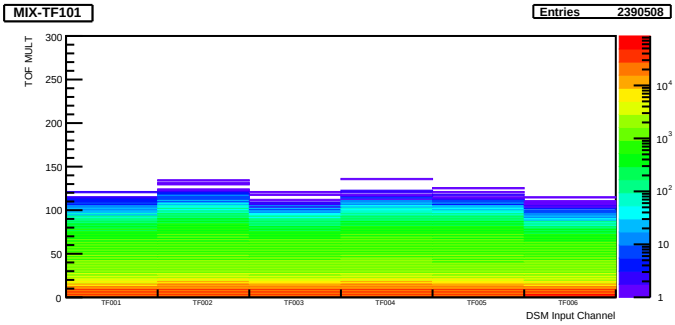

MIX-TF002
Entries 8366778
TOF MULT
TOF tray

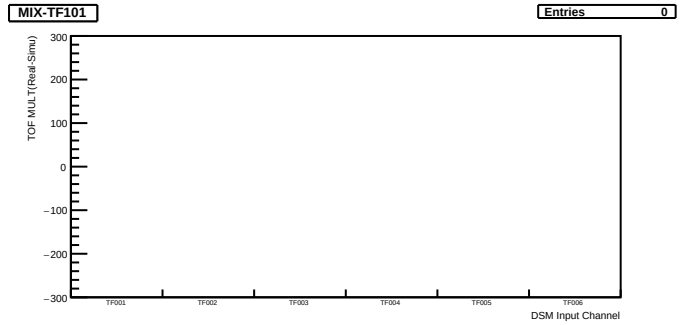

MIX-TF003
Entries 8366778
TOF MULT
TOF tray

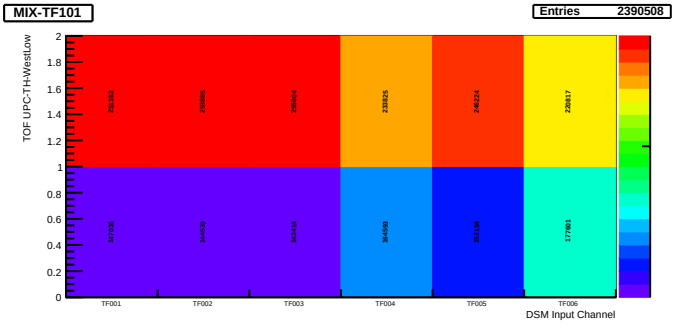

MIX-TF004
Entries 8366778
TOF MULT
TOF tray

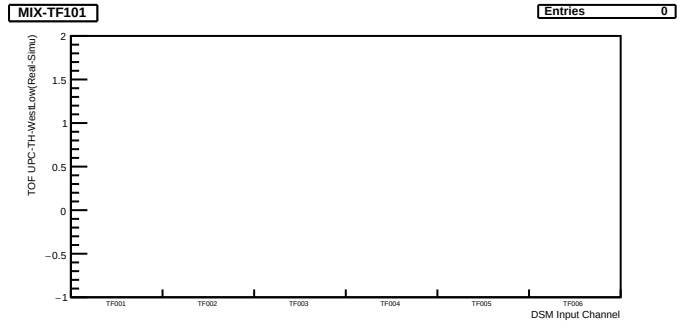

MIX-TF005
Entries 8366778
TOF MULT
TOF tray

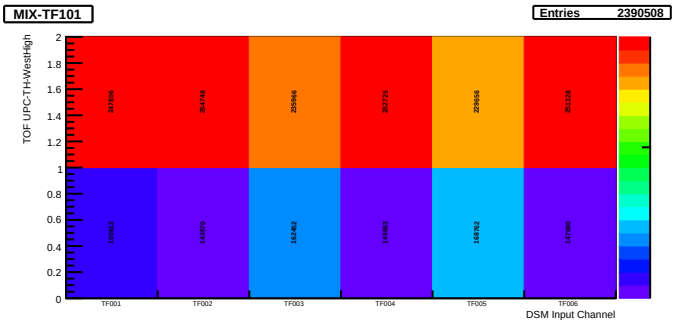

MIX-TF006
Entries 8366778
TOF MULT
TOF tray

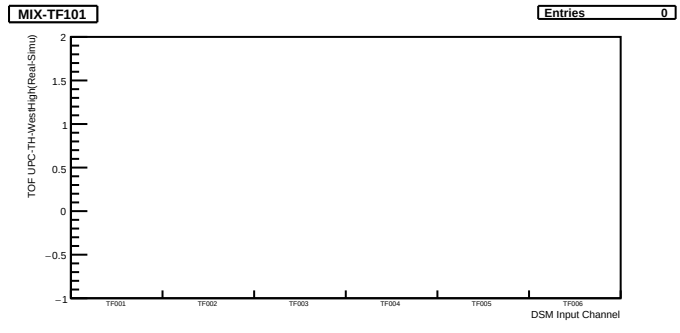

MIX-TF101
Entries 2390508
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

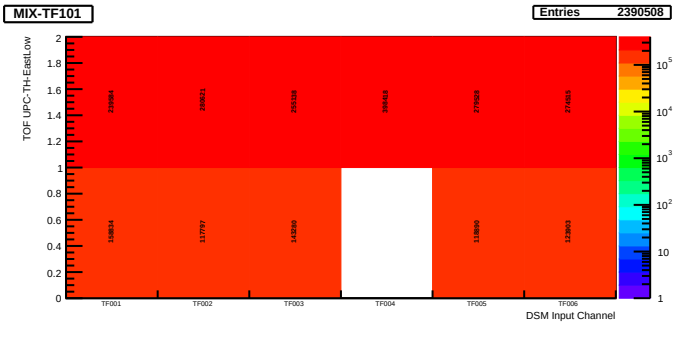

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

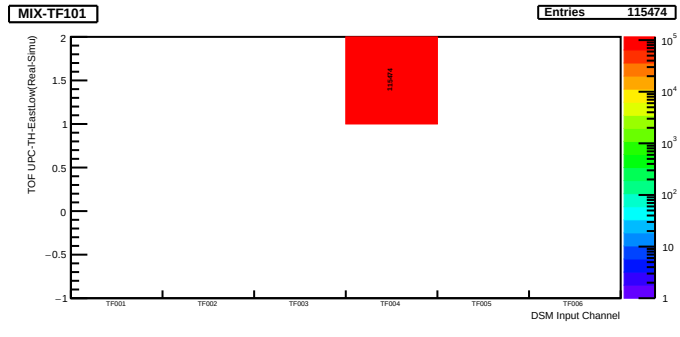

MIX-TF101
Entries 2390508
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

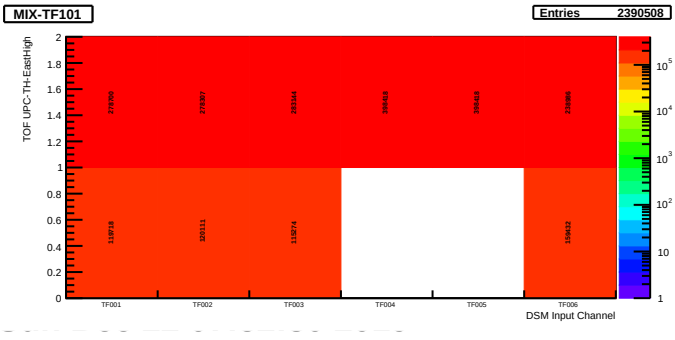

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

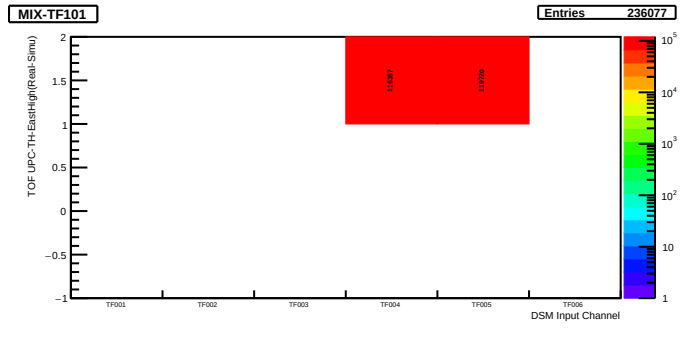

MIX-TF101
Entries 2390508
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

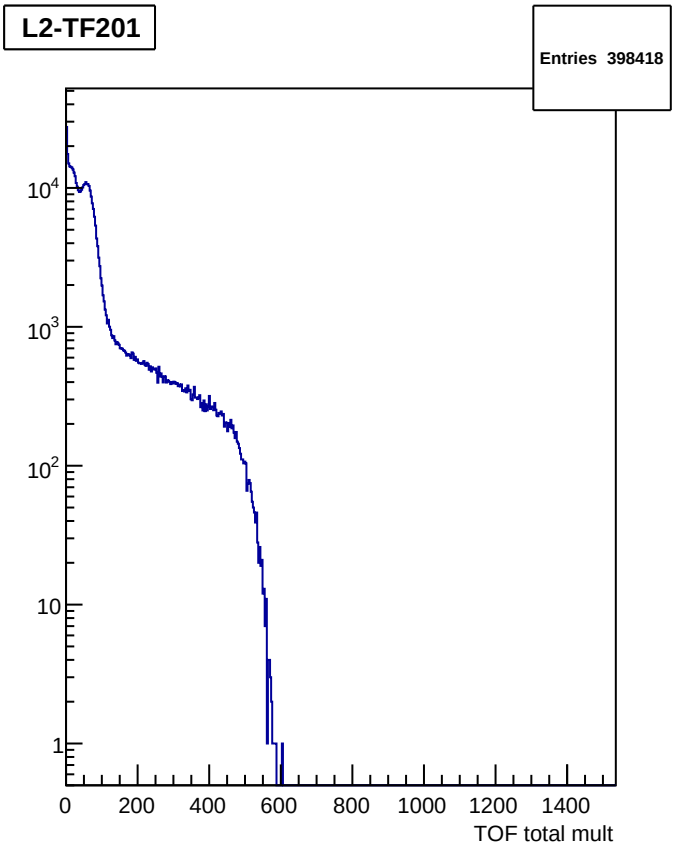

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

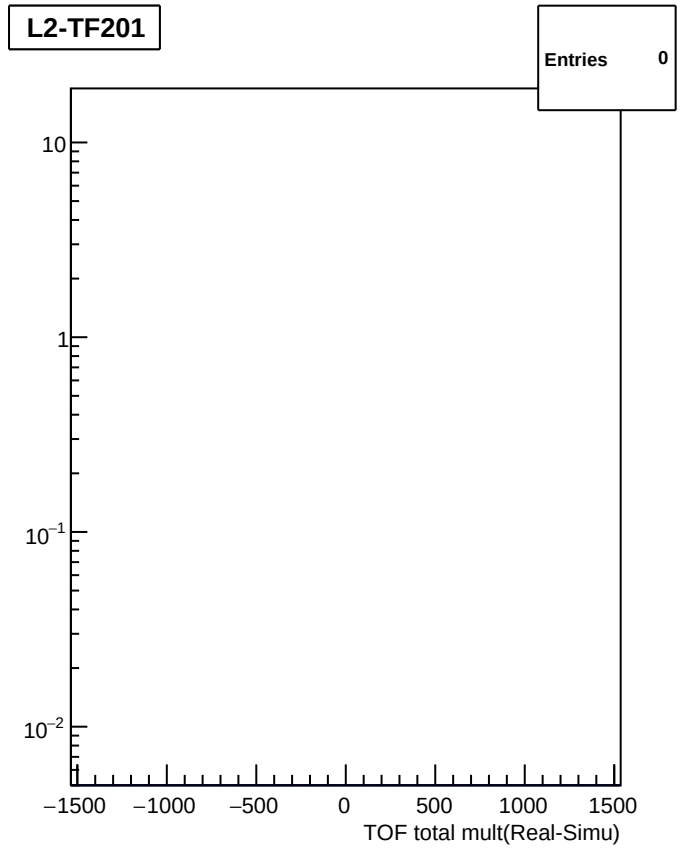

MIX-TF101
Entries 2390508
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

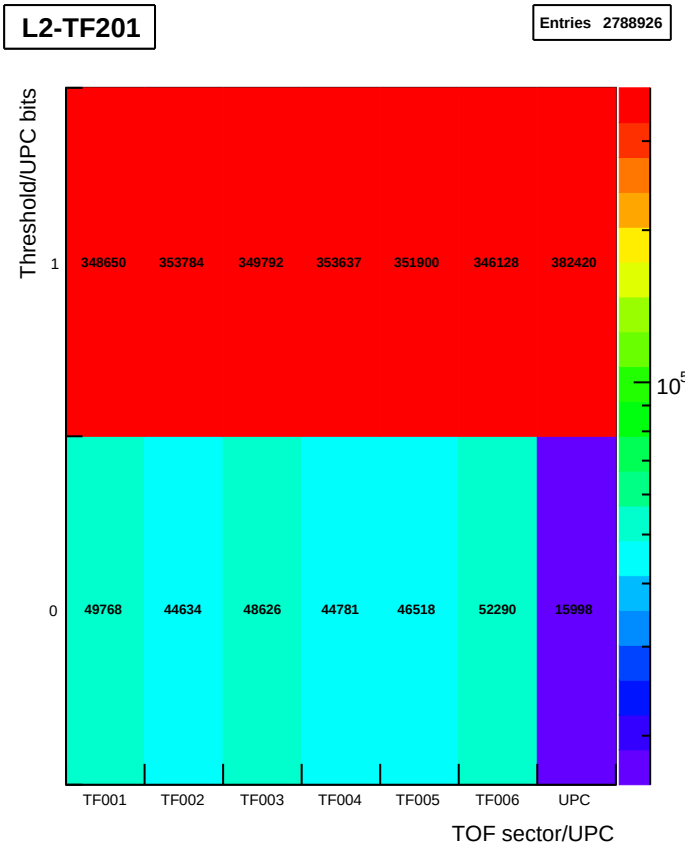

MIX-TF101
Entries 115474
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

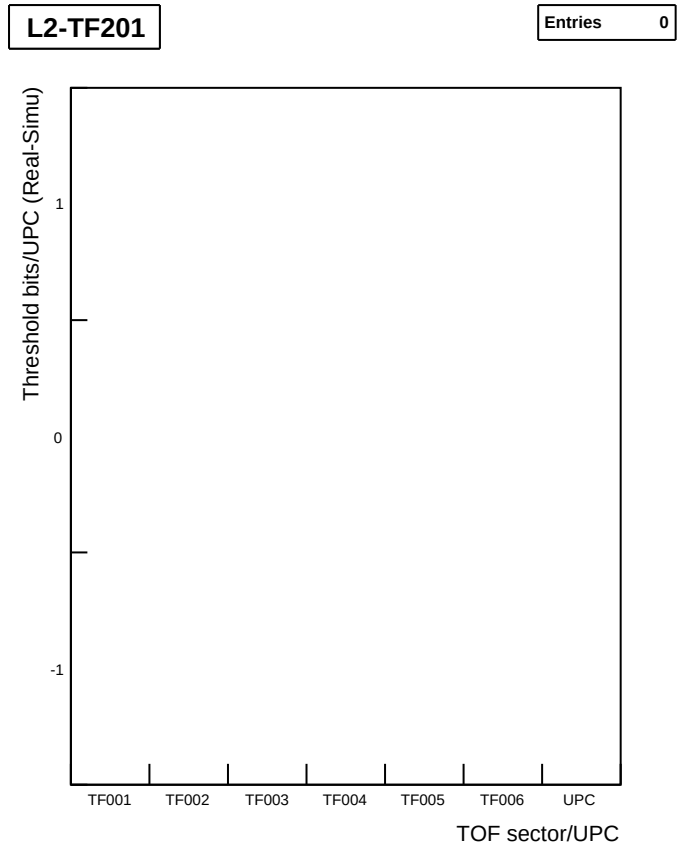

MIX-TF101
Entries 2390508
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

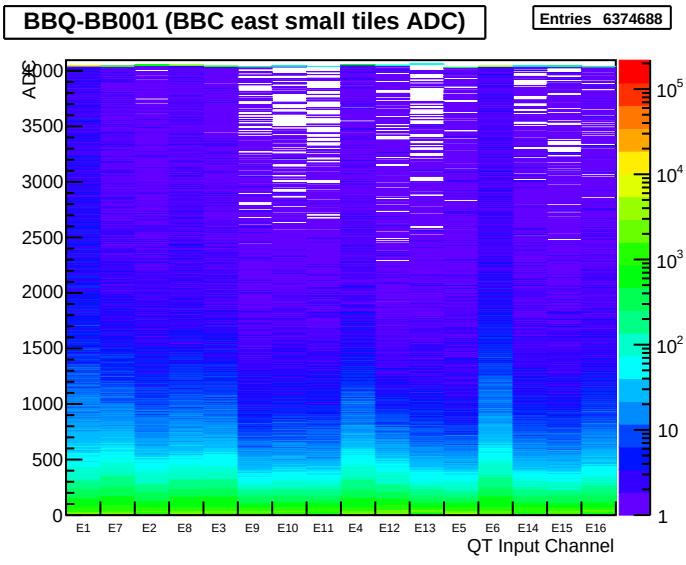

MIX-TF101
Entries 236077
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

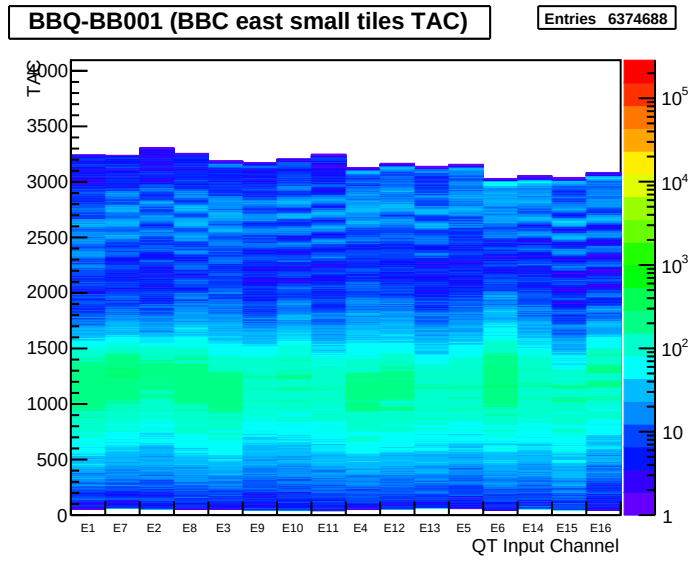

L2-TF201
Entries 398418
TOF total mult

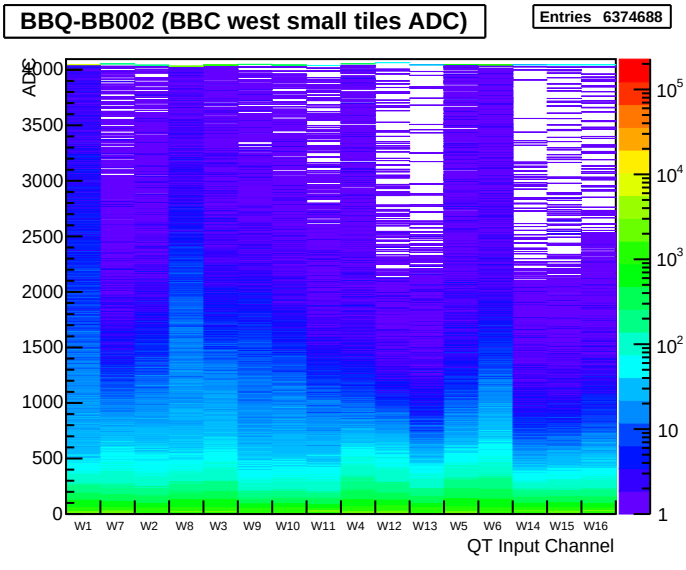

L2-TF201
Entries 0
TOF total mult(Real-Simu)

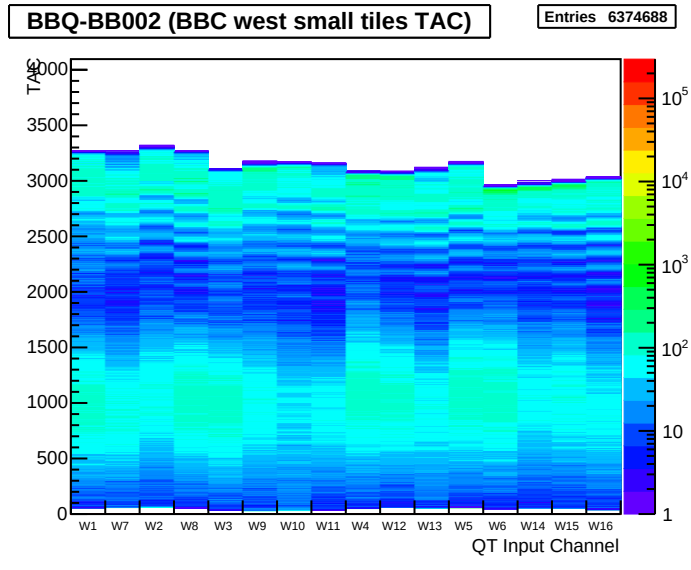

L2-TF201
Entries 2788926
Threshold/UPC bits
348650
353784
349792
353637
351900
346128
382420
49768
44634
48626
44781
46518
52290
15998
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

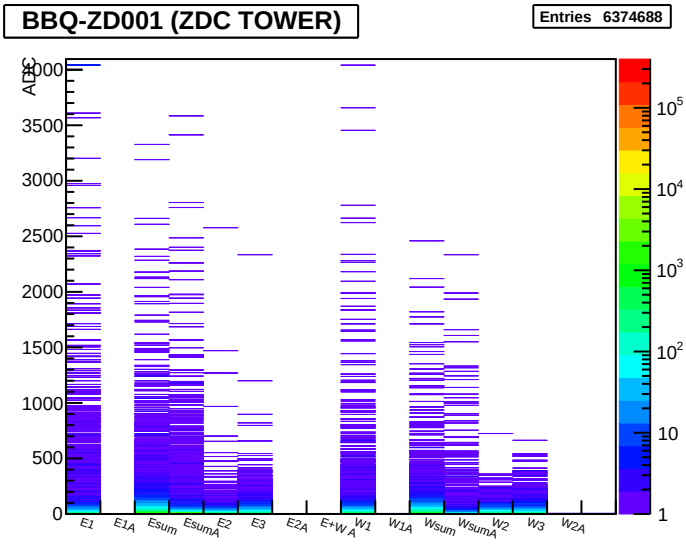

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

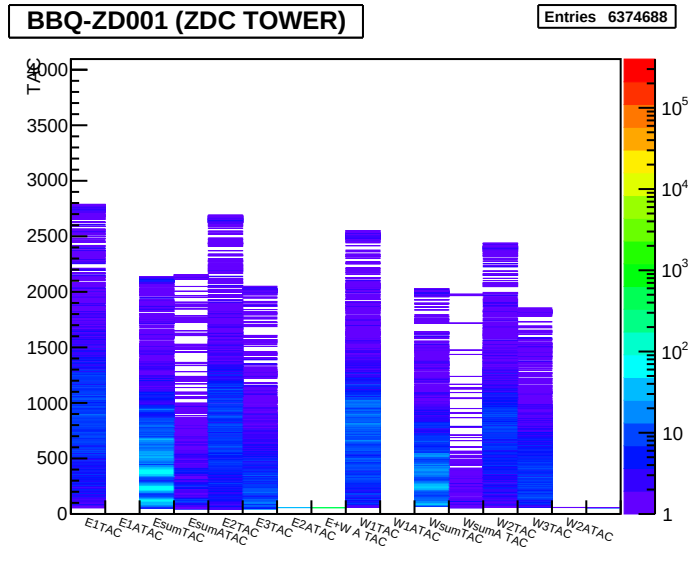

BBQ-BB001 (BBC east small tiles ADC)
Entries 6374688
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

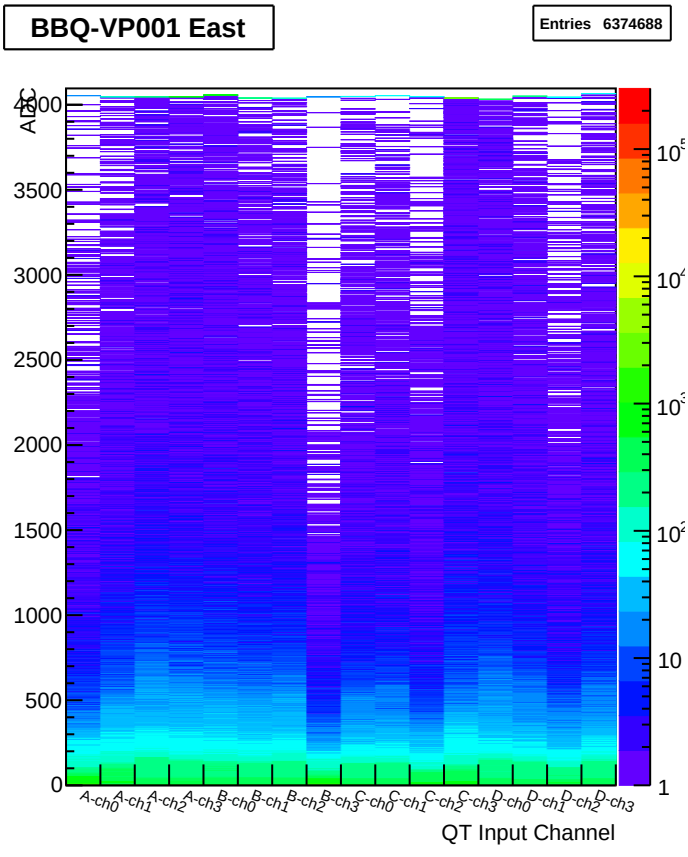

BBQ-BB001 (BBC east small tiles TAC)
Entries 6374688
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

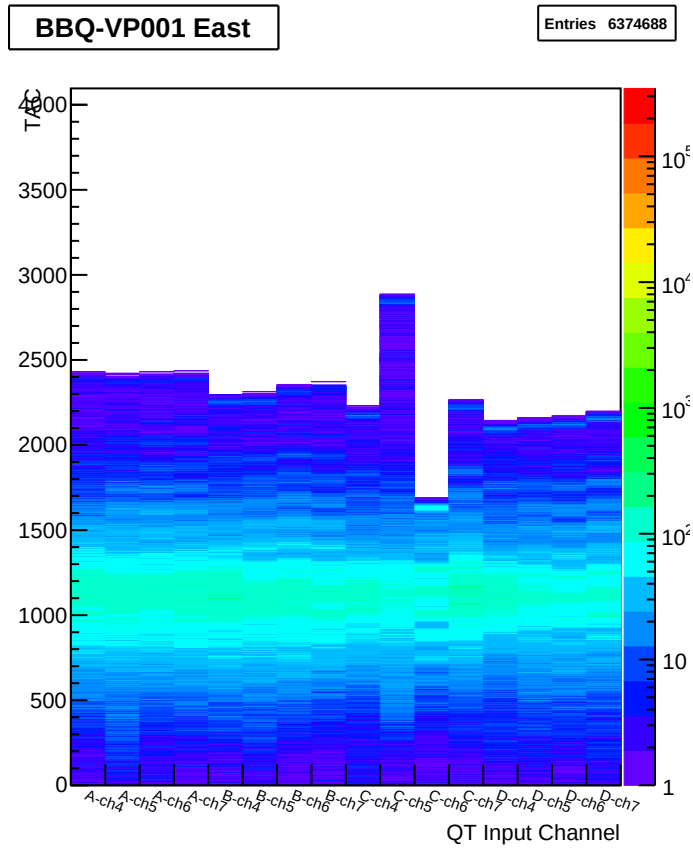

BBQ-BB002 (BBC west small tiles ADC)
Entries 6374688
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

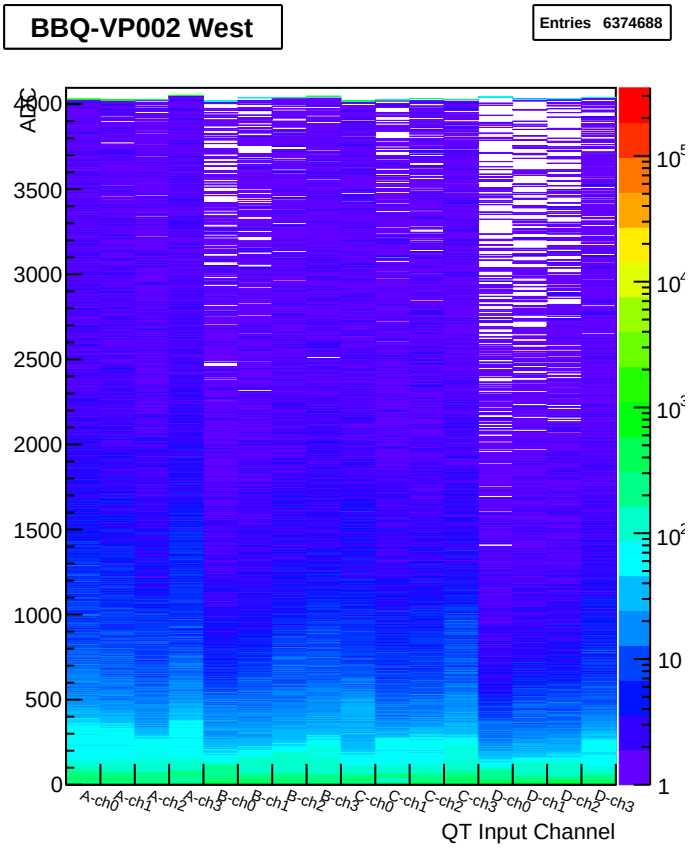

BBQ-BB002 (BBC west small tiles TAC)
Entries 6374688
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

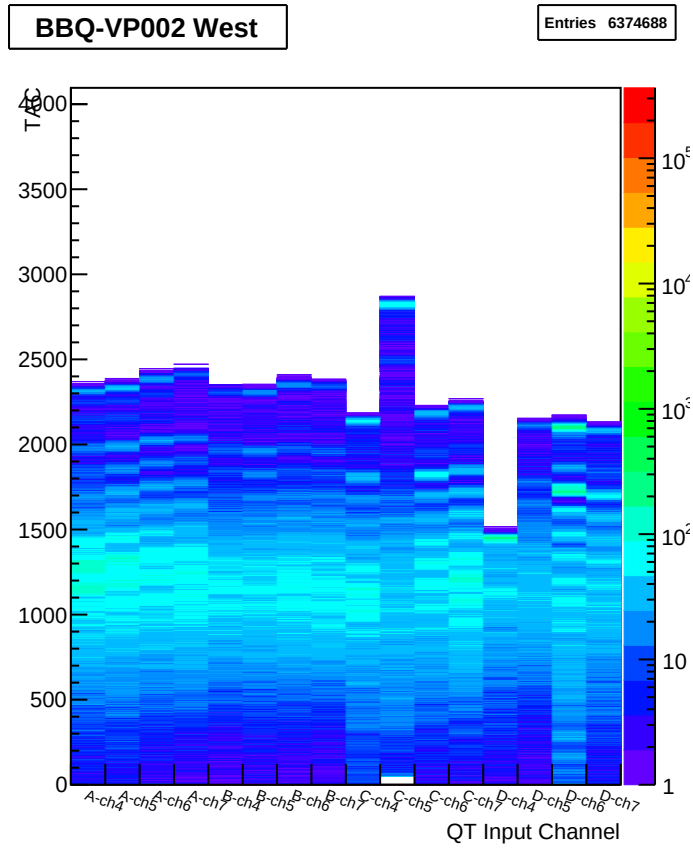

BBQ-ZD001 (ZDC TOWER)
Entries 6374688
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

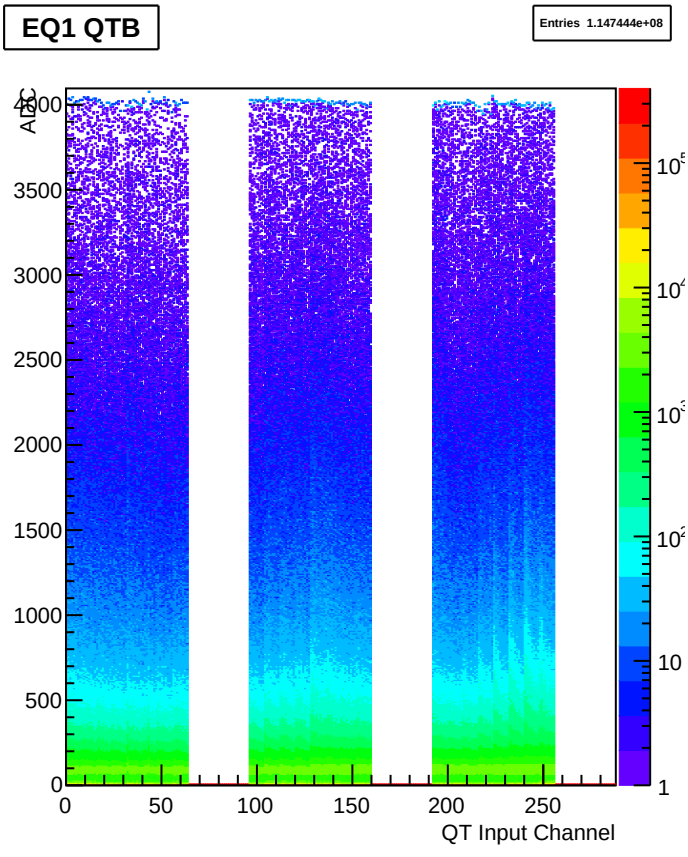

BBQ-ZD001 (ZDC TOWER)
Entries 6374688
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

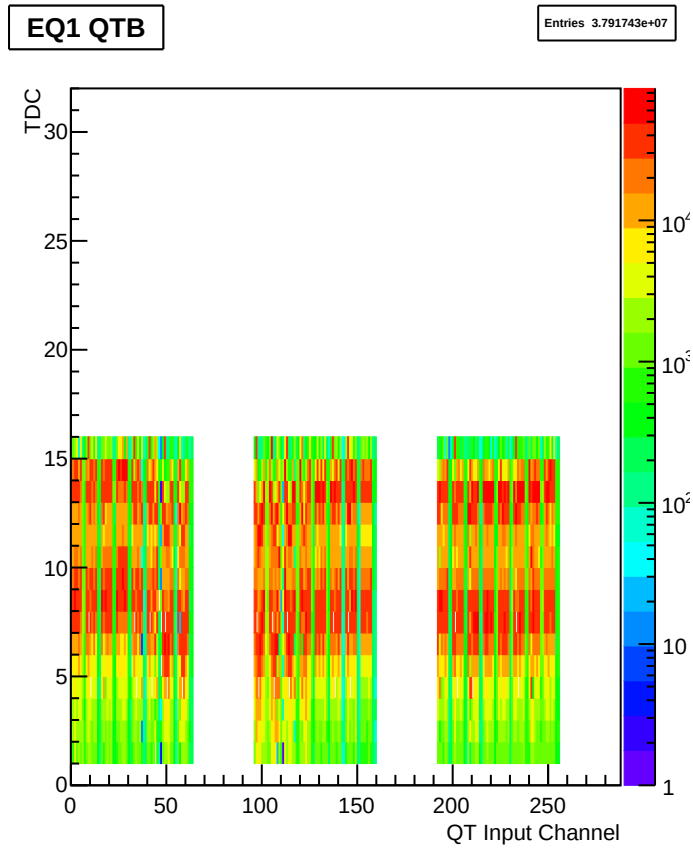

BBQ-VP001 East
Entries 6374688
ADC
QT Input Channel

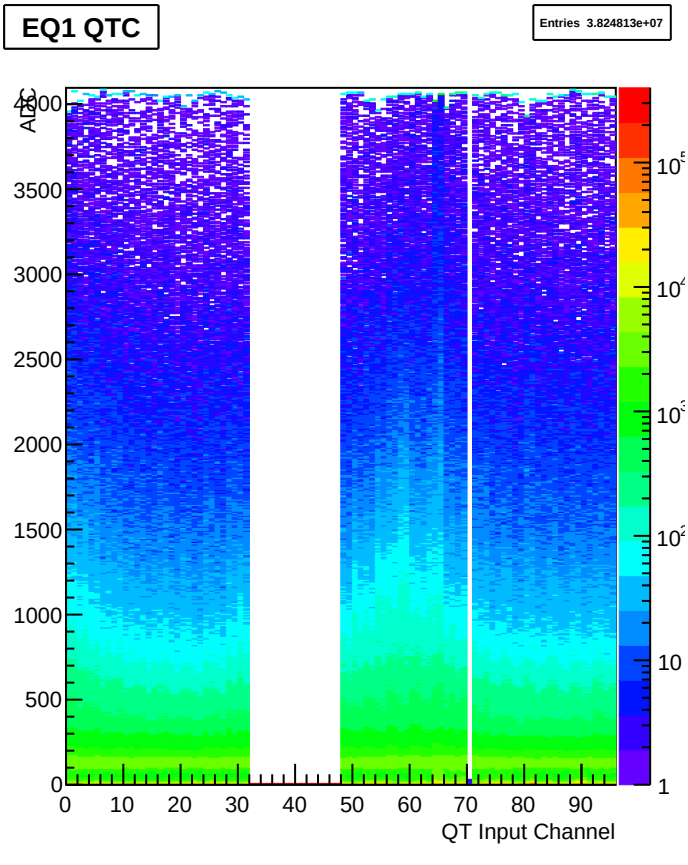

BBQ-VP001 East
Entries 6374688
ADC
QT Input Channel

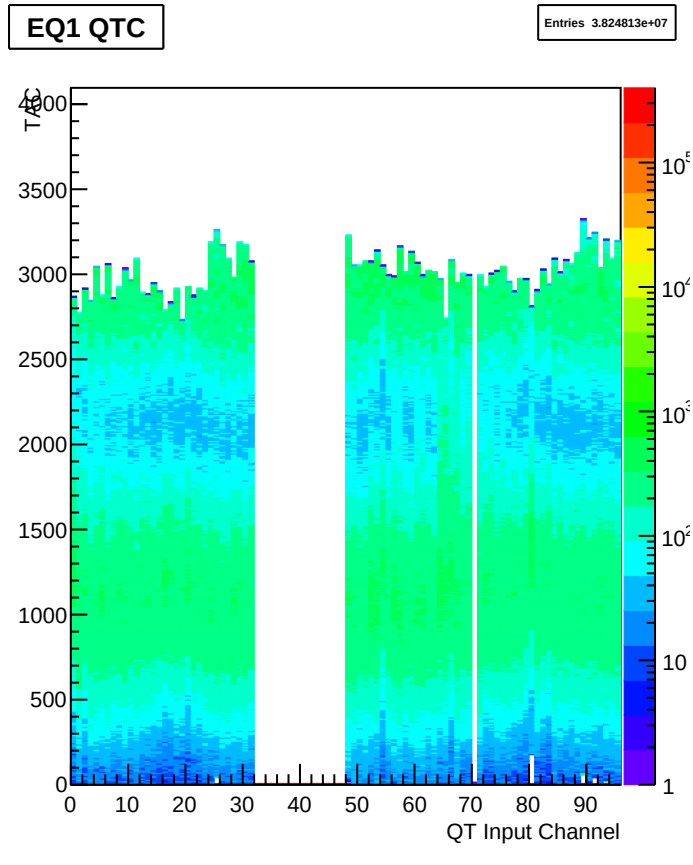

BBQ-VP002 West
Entries 6374688
ADC
QT Input Channel

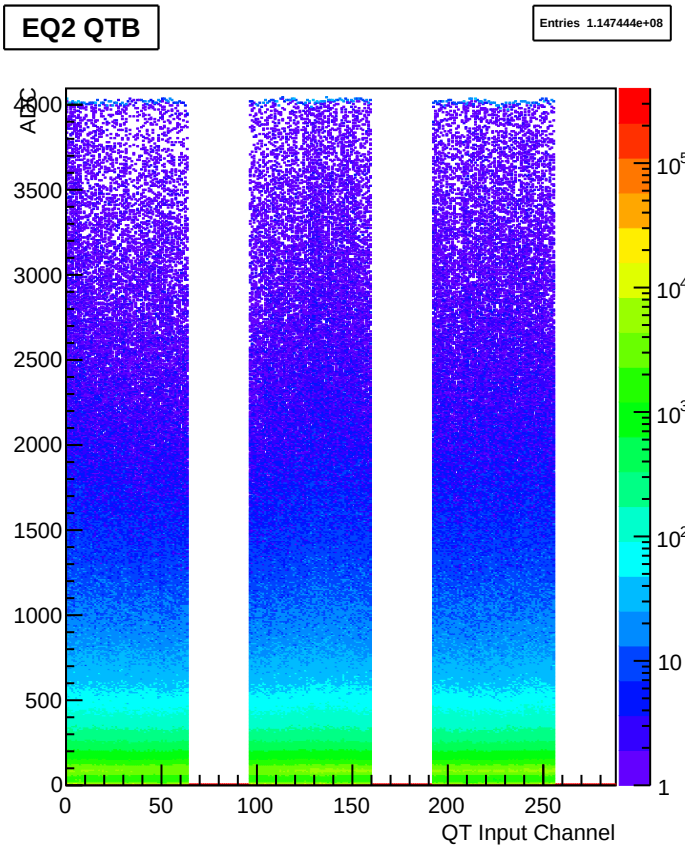

BBQ-VP002 West
Entries 6374688
ADC
QT Input Channel

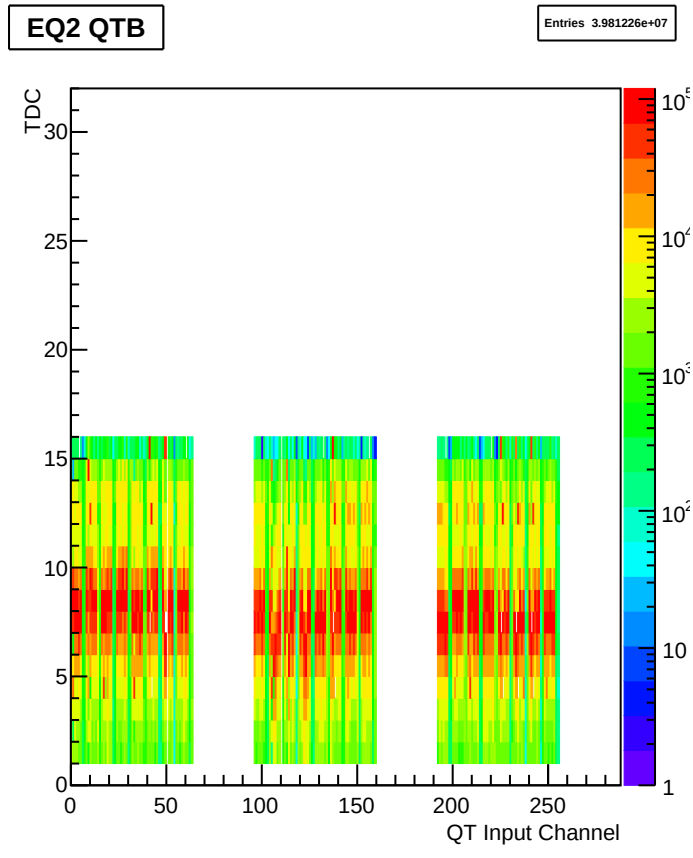

EQ1 QTB
Entries 1.147444e+08
ADC
QT Input Channel

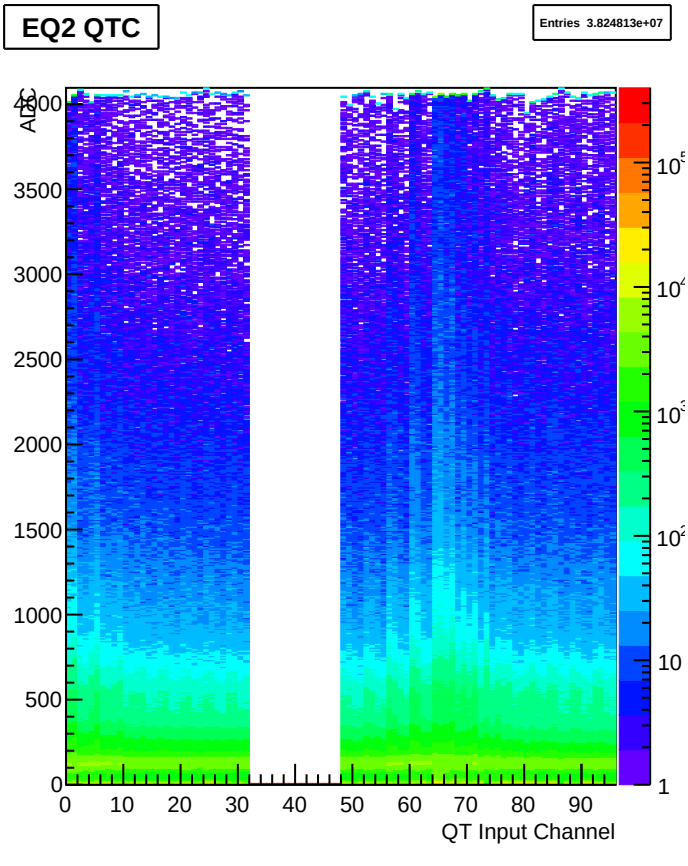

EQ1 QTB
Entries 3.791743e+07
TDC
QT Input Channel

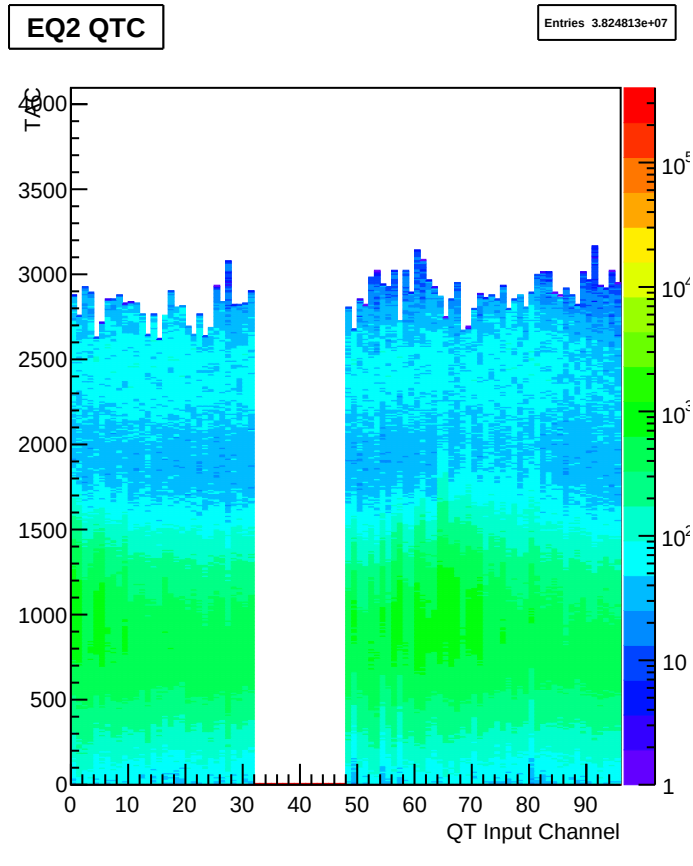

EQ1 QTC
Entries 3.824813e+07
ADC
QT Input Channel

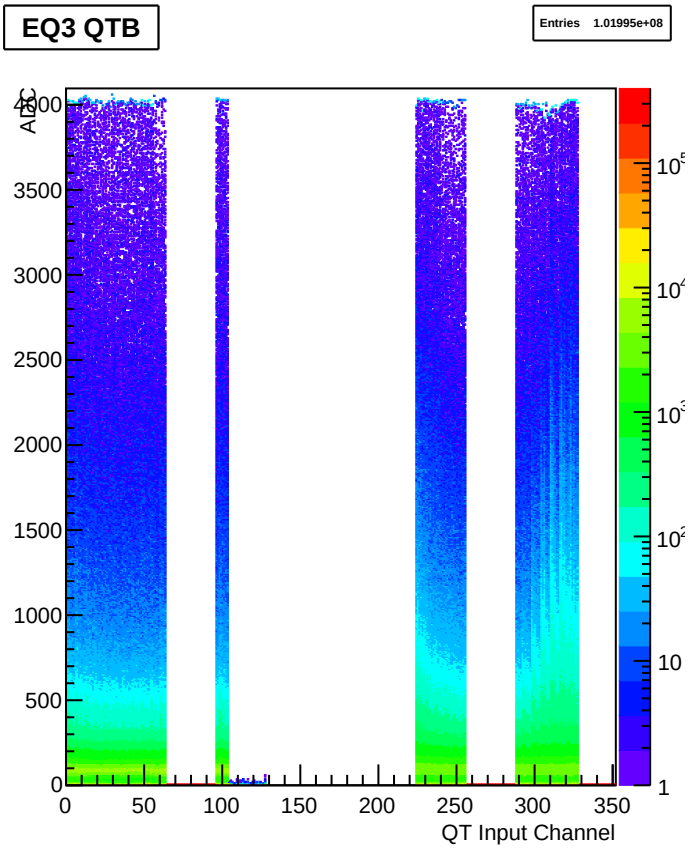

EQ1 QTC
Entries 3.824813e+07
TADC
QT Input Channel

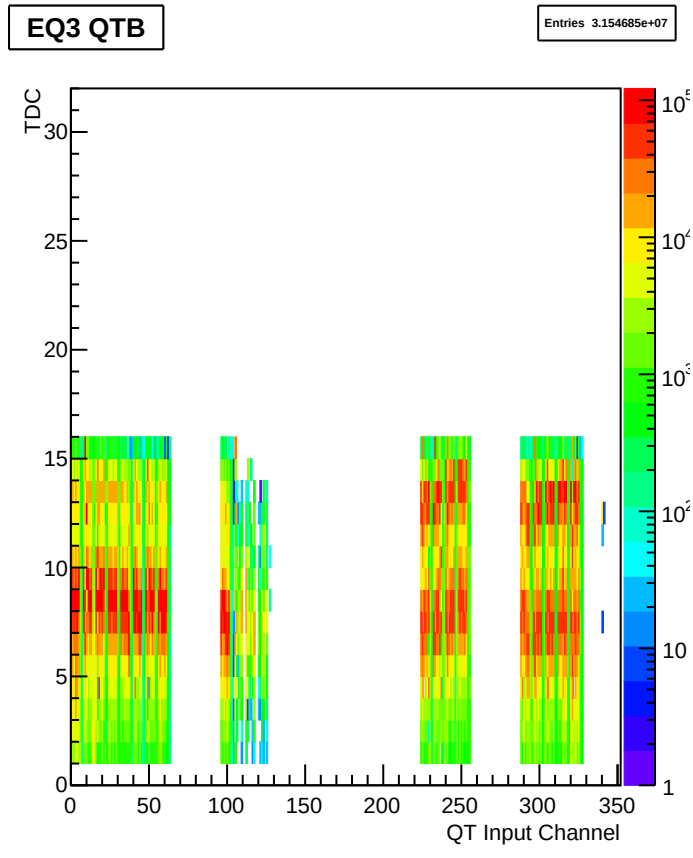

EQ2 QTB
Entries 1.147444e+08
ADC
QT Input Channel

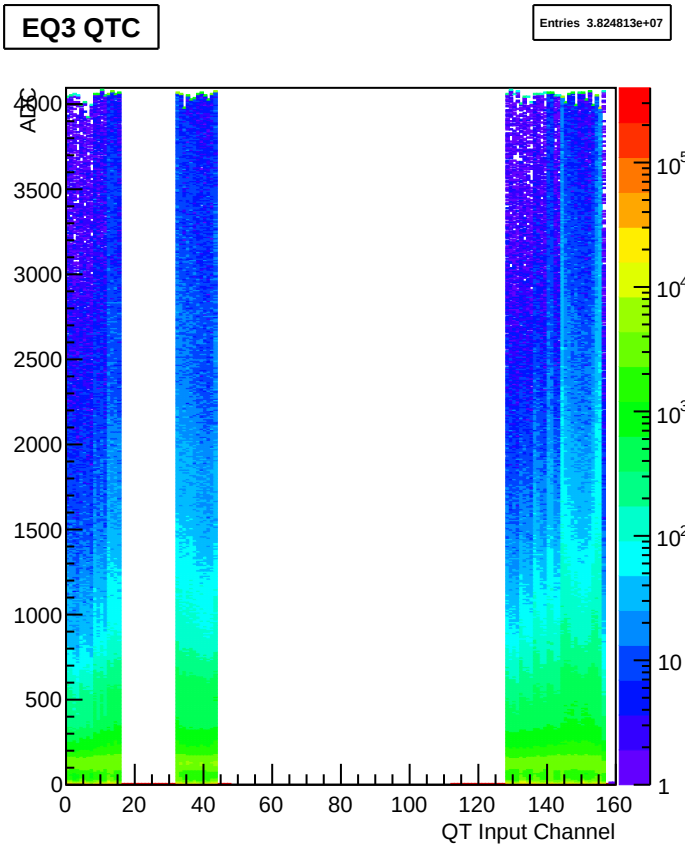

EQ2 QTB
Entries 3.981226e+07
TDC
QT Input Channel

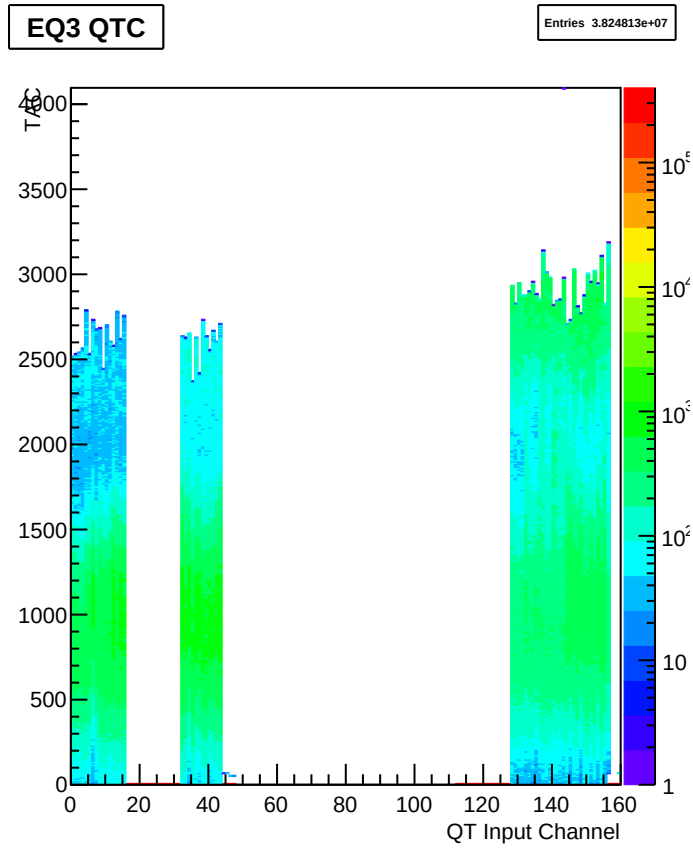

EQ2 QTC
Entries 3.824813e+07
ADC
QT Input Channel

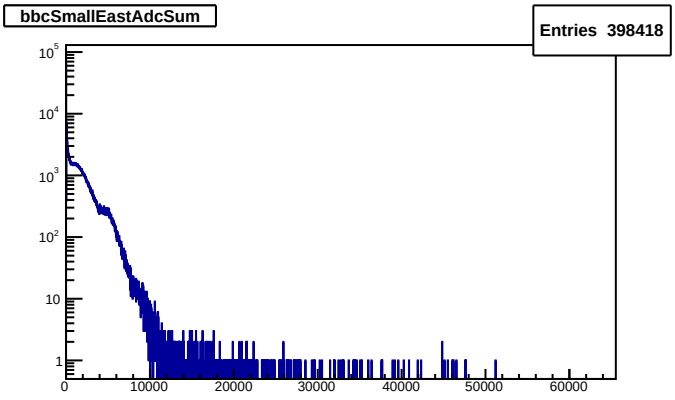

EQ2 QTC
Entries 3.824813e+07
TADC
QT Input Channel

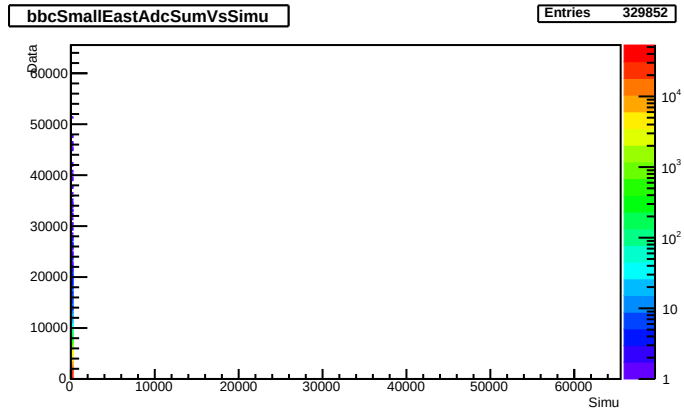

EQ3 QTB
Entries 1.01995e+08
ADC
QT Input Channel

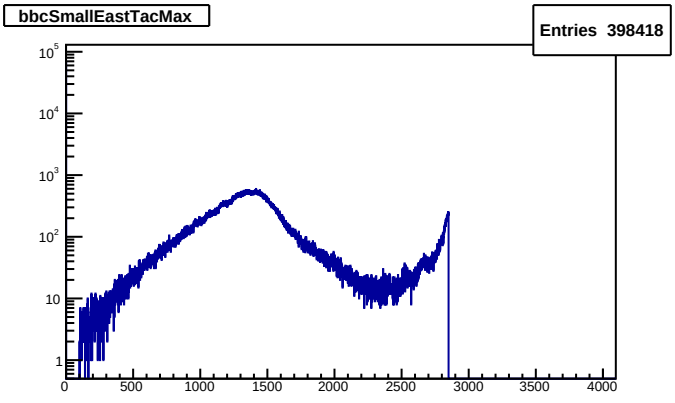

EQ3 QTB
Entries 3.154685e+07
TDC
QT Input Channel

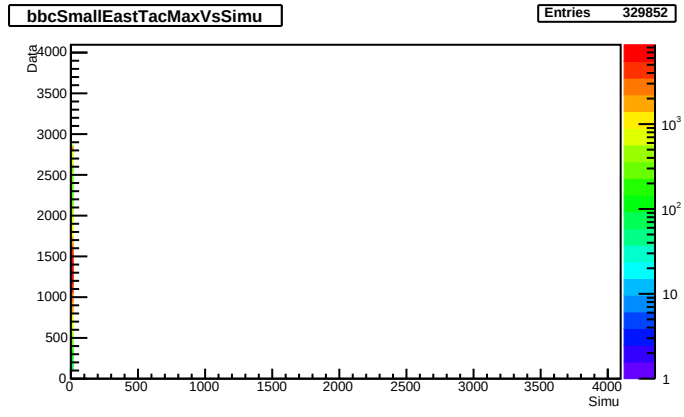

EQ3 QTC
Entries 3.824813e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.824813e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 398418


bbcSmallEastAdcSumVsSimu
Entries 329852
Data
Simu


bbcSmallEastTacMax
Entries 398418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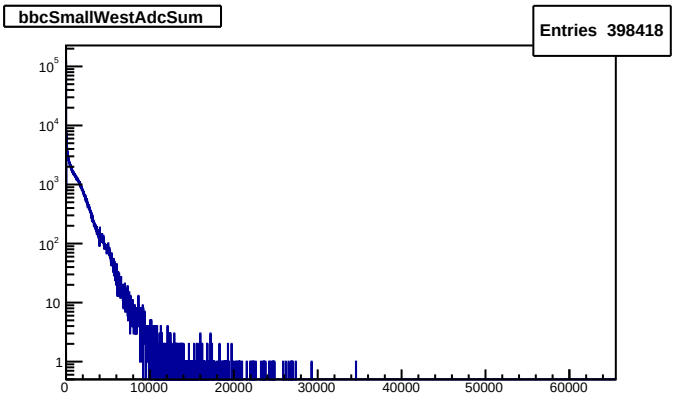
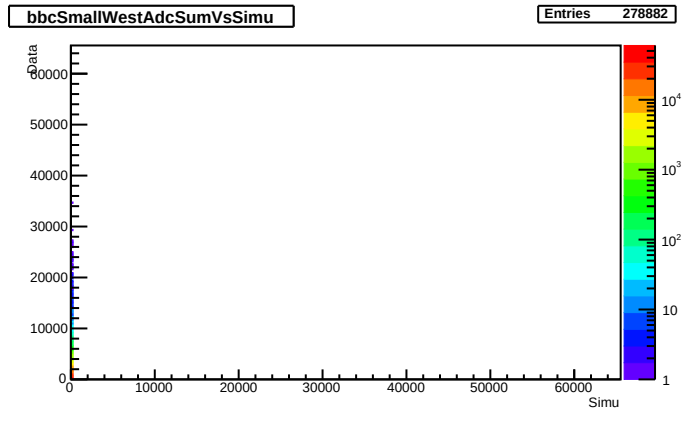
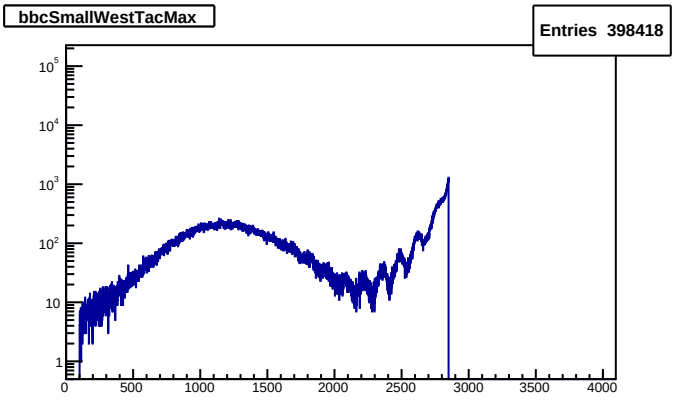
Simu


bbcSmallWestAdcSum
Entries 398418


bbcSmallWestAdcSumVsSimu
Entries 278882
Data
Simu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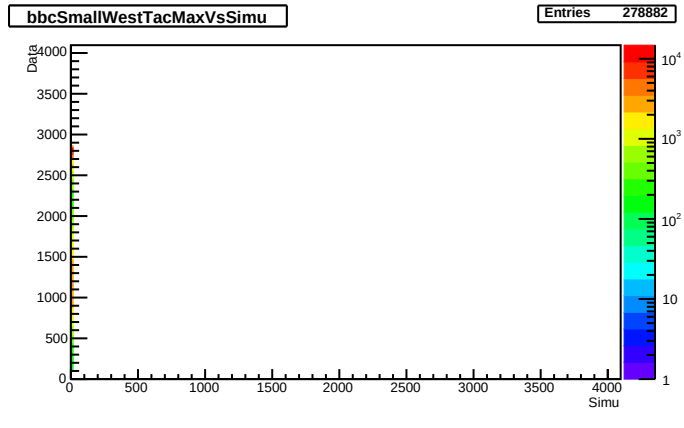
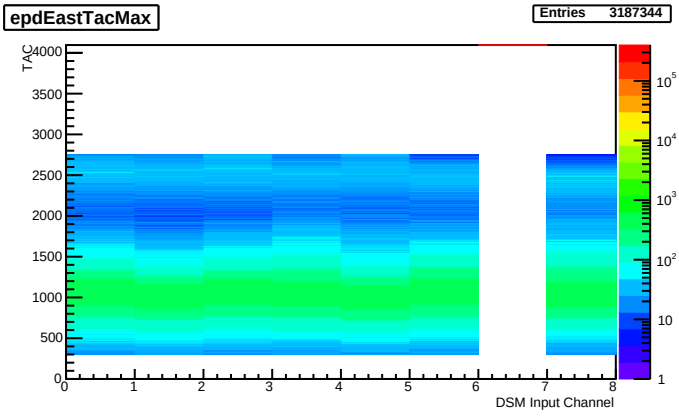
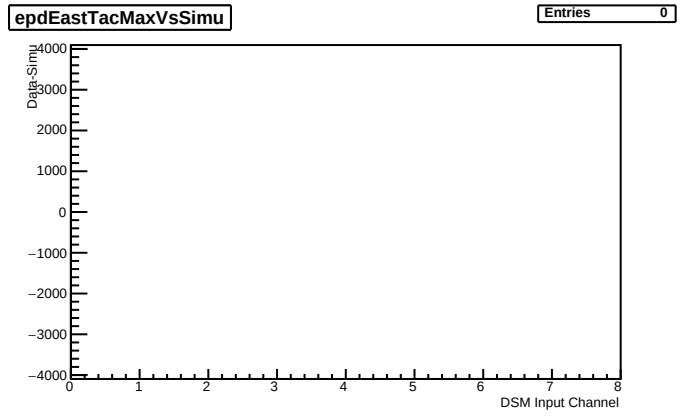
Entries 398418


bbcSmallWestTacMaxVsSimu
Entries 278882
Data
Simu


epdEastTacMax
Entries 3187344
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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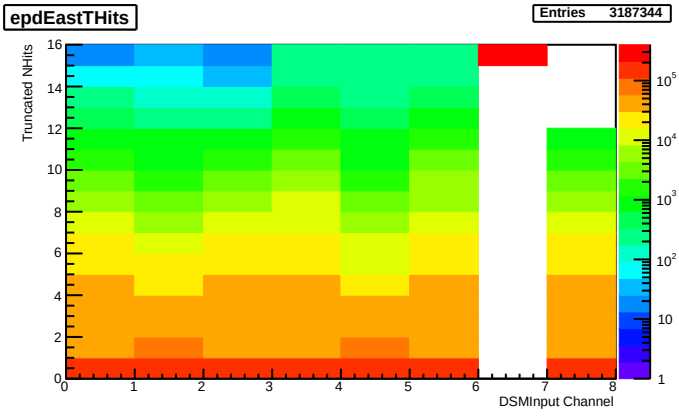
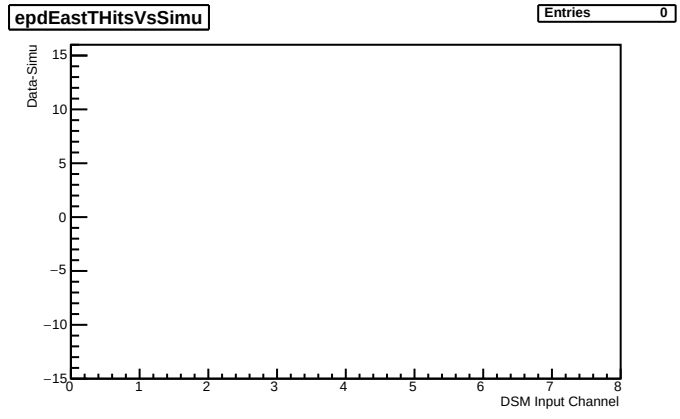

epdEastTHits
Entries 3187344
Truncated NHits
DSMInput Channel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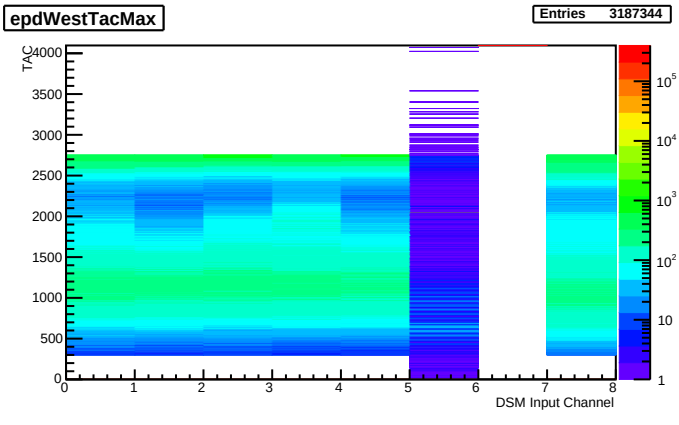
Data-Simu
DSM Input Channel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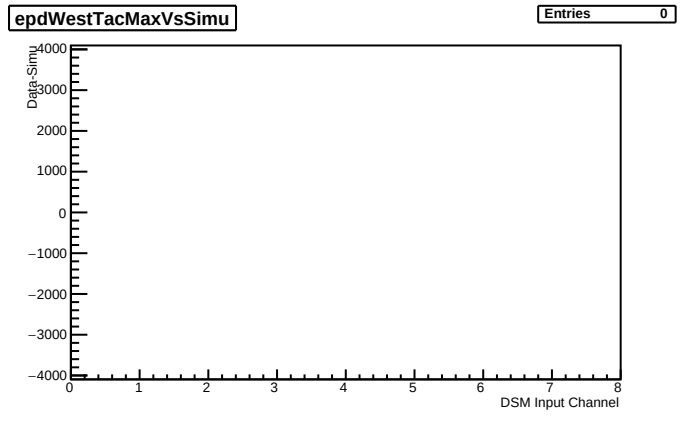
Entries 3187344
TAC
DSM Input Channel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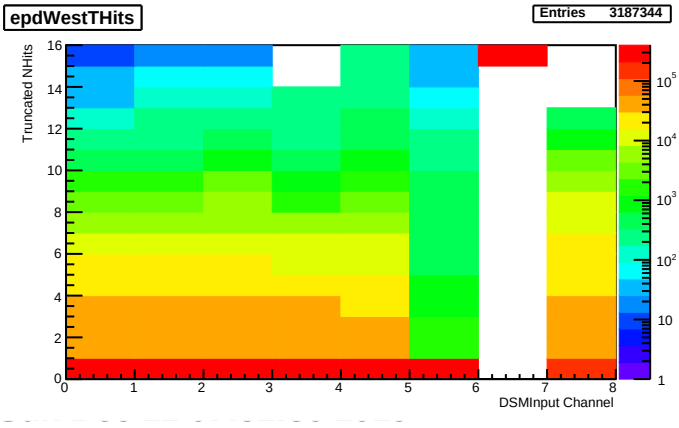
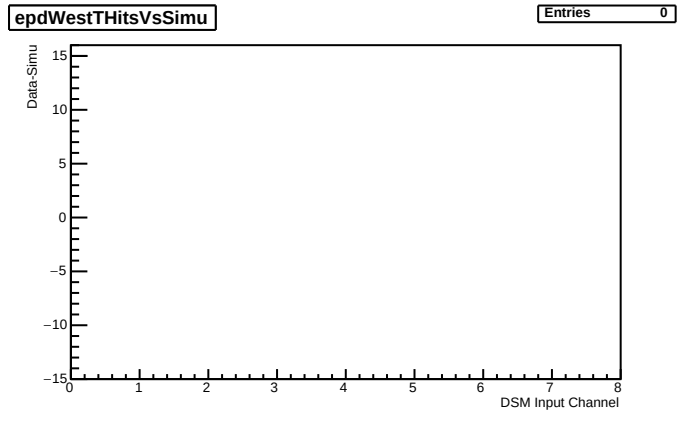
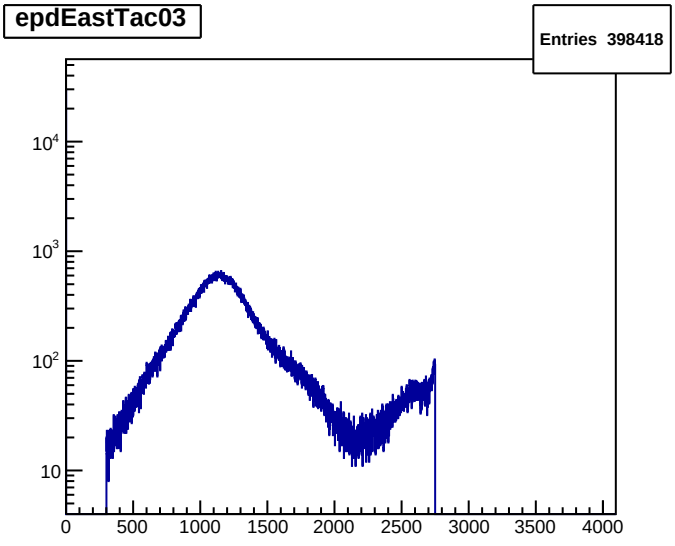
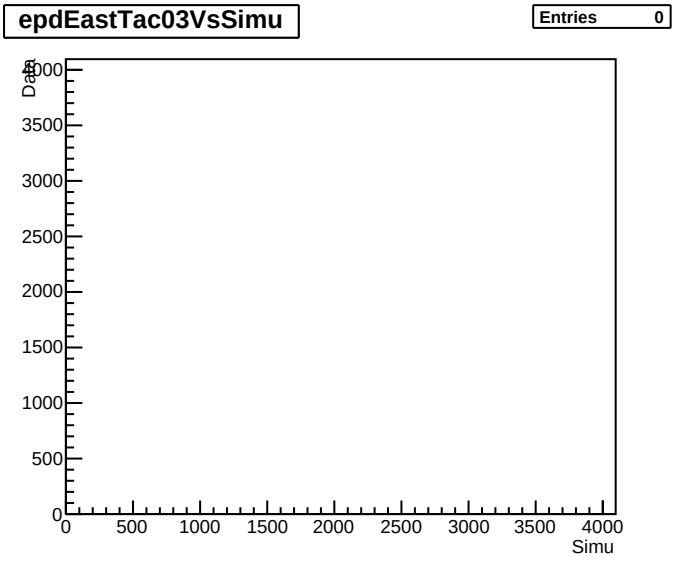
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3187344
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 398418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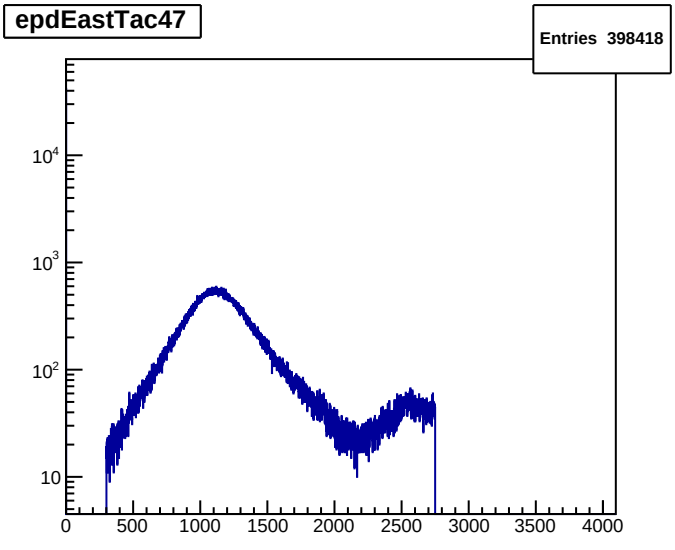
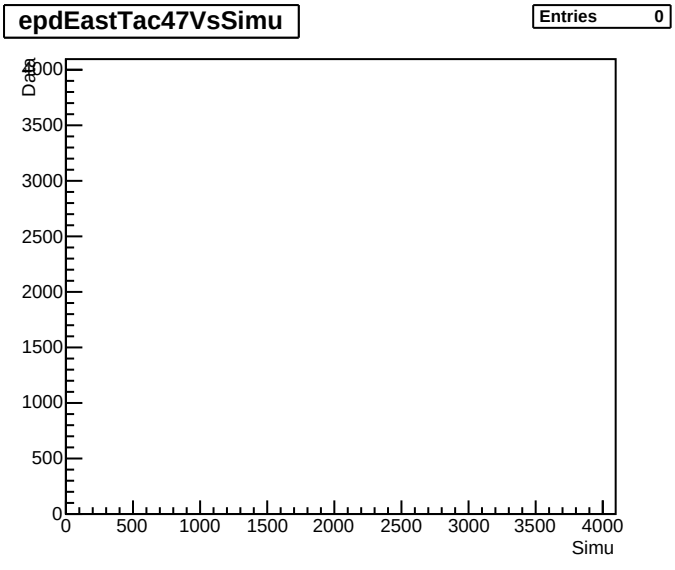
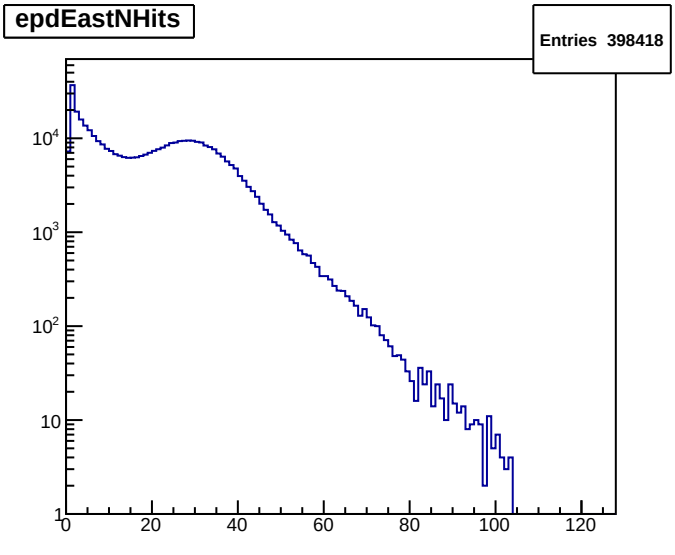
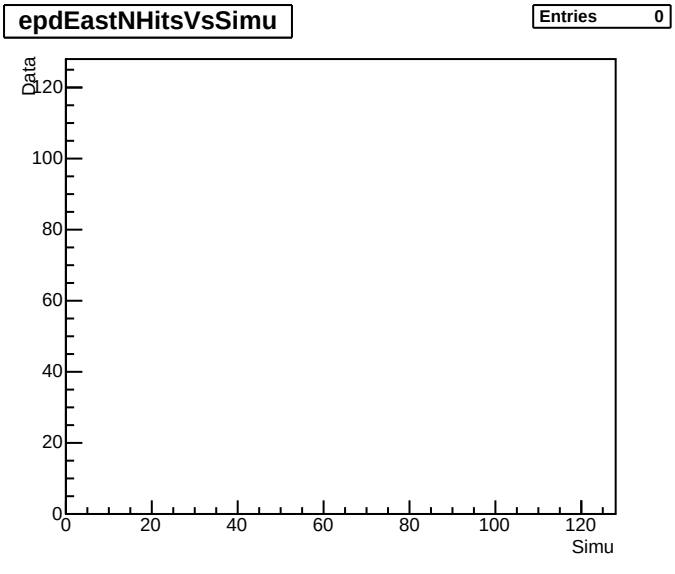
Entries 0
Data
Simu


epdEastTac47
Entries 398418


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 398418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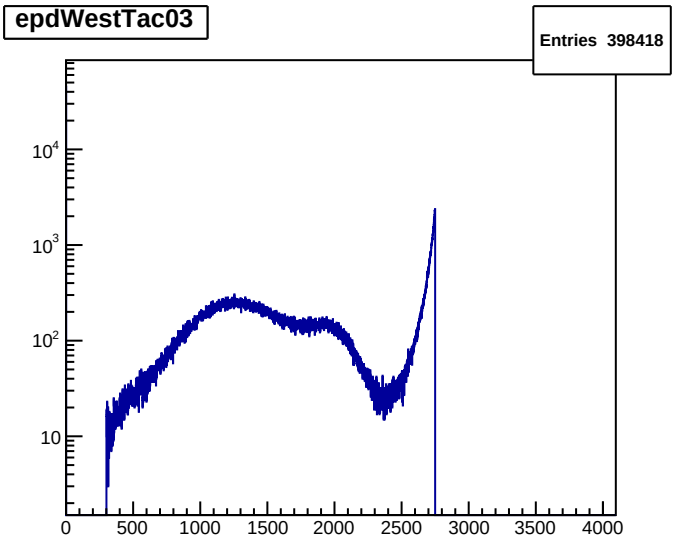
Entries 0
Data
Simu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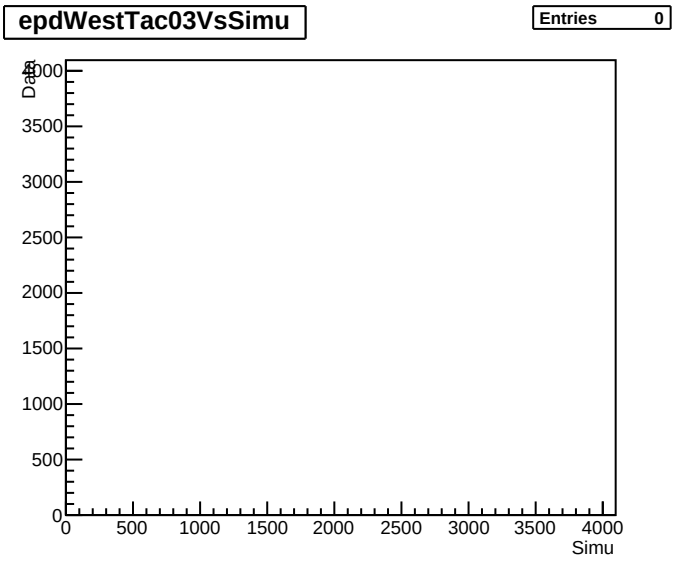
Entries 398418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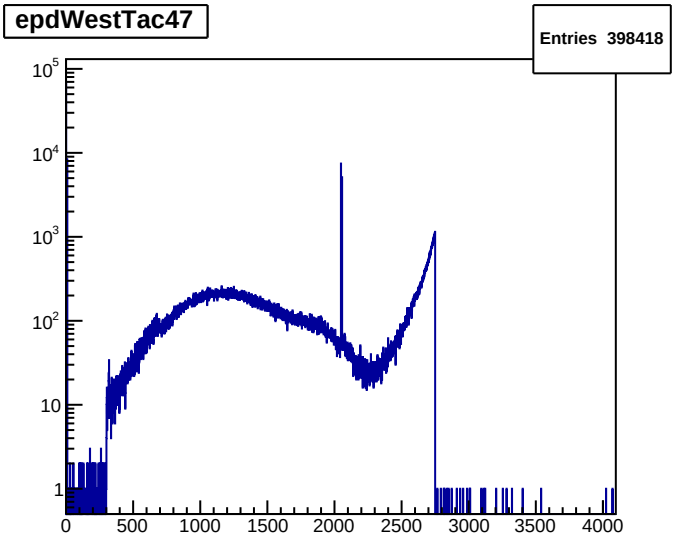
Entries 0
Data
Simu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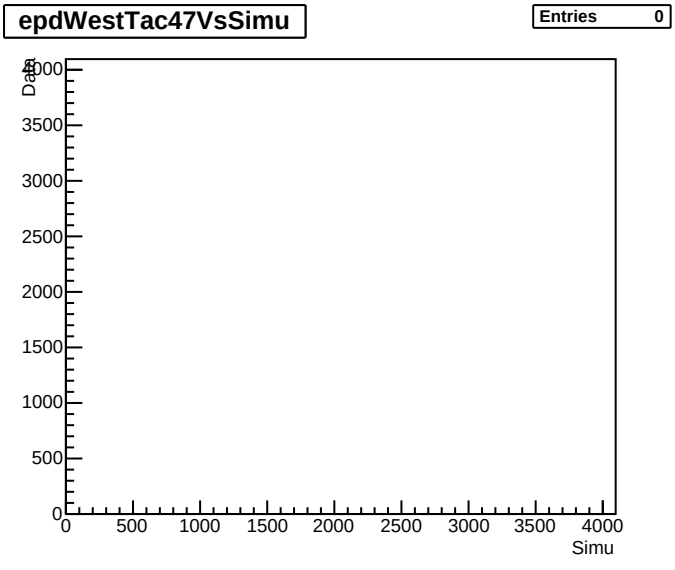
Entries 398418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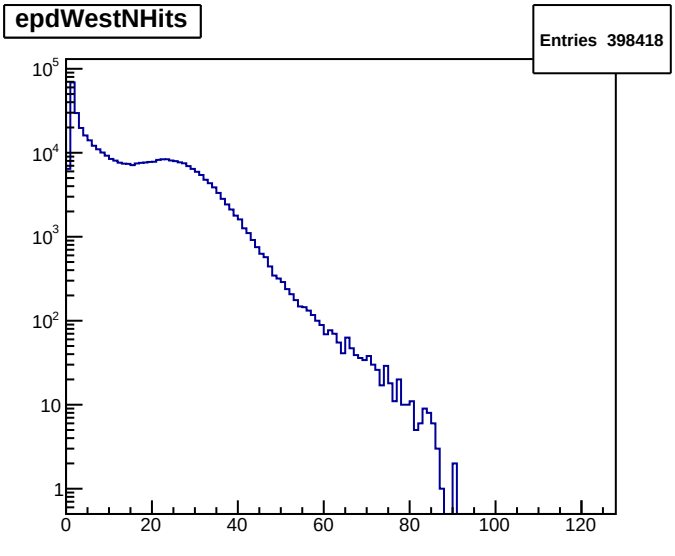
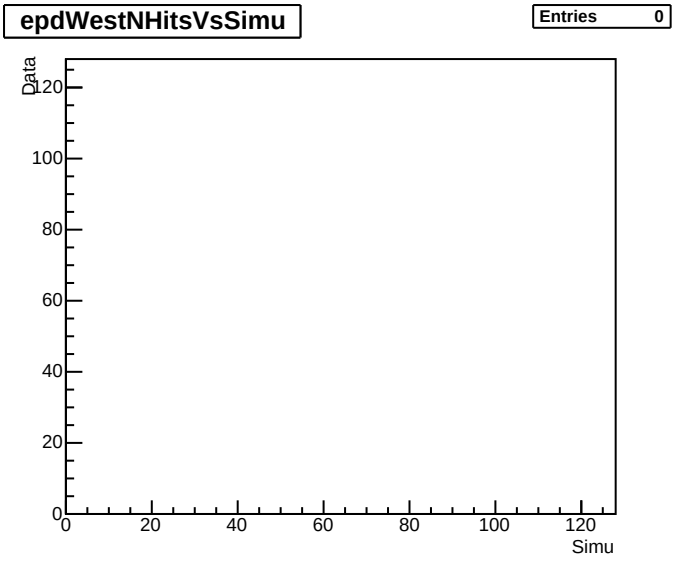
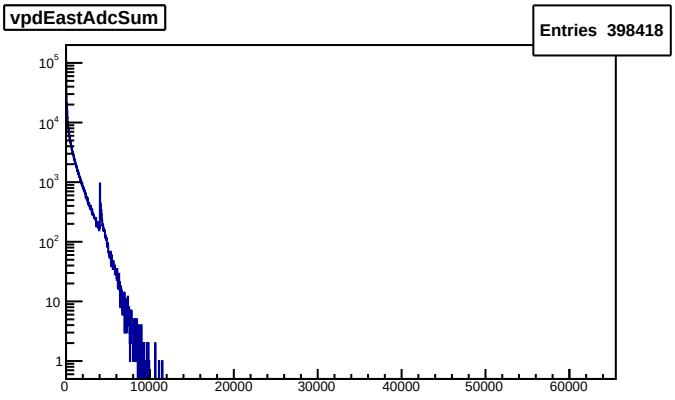
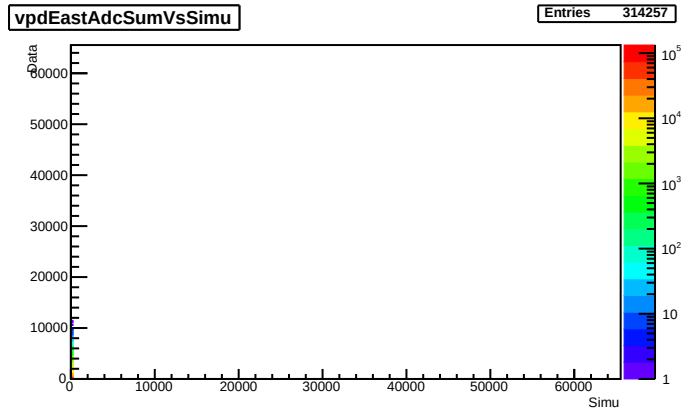
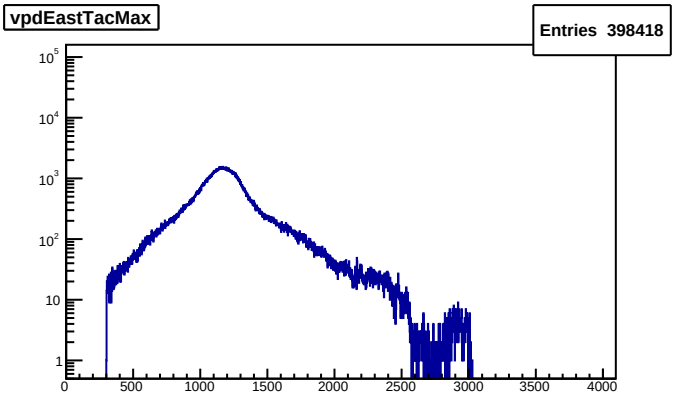
Entries 0
Data
Simu

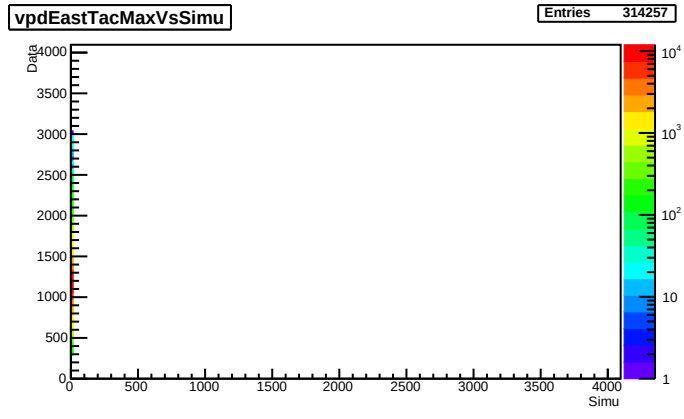

epdWestNHits
Entries 398418

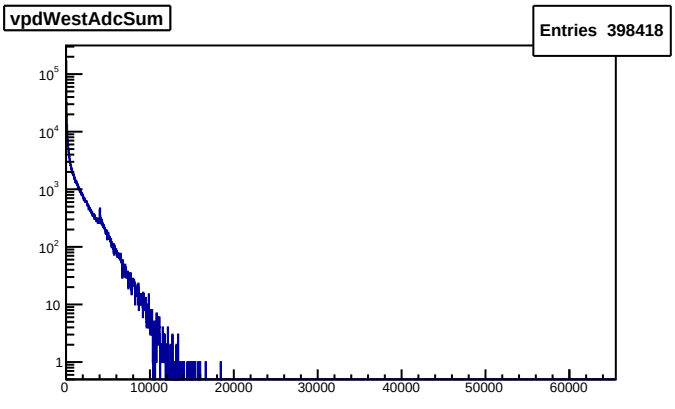

epdWestNHitsVsSimu
Entries 0
Data
Simu

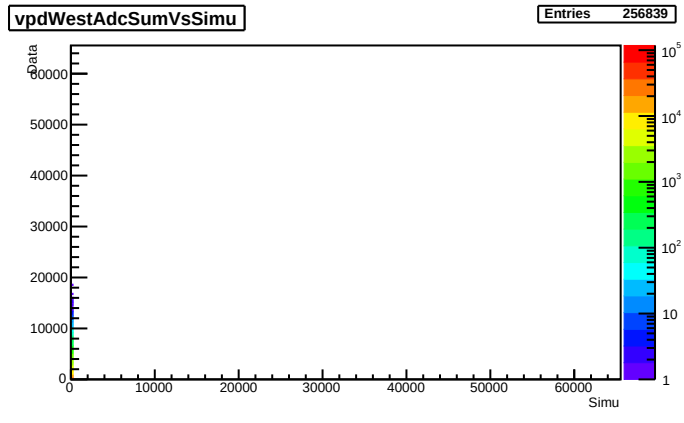

vpdEastAdcSum
Entries 398418

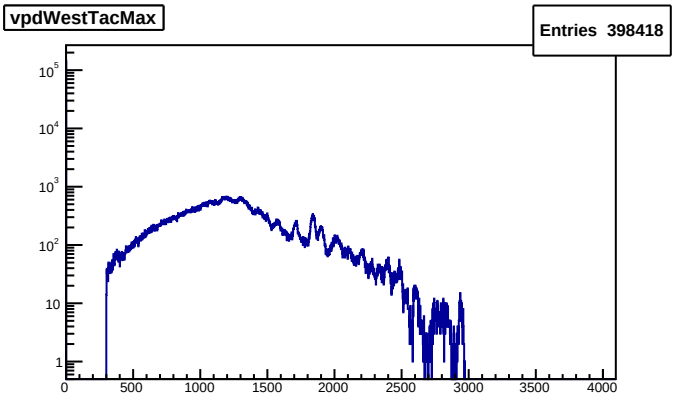

vpdEastAdcSumVsSimu
Entries 314257
Data
Simu

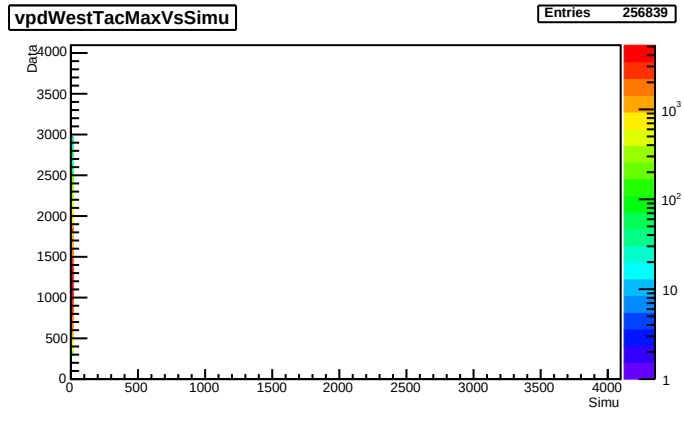

vpdEastTacMax
Entries 398418

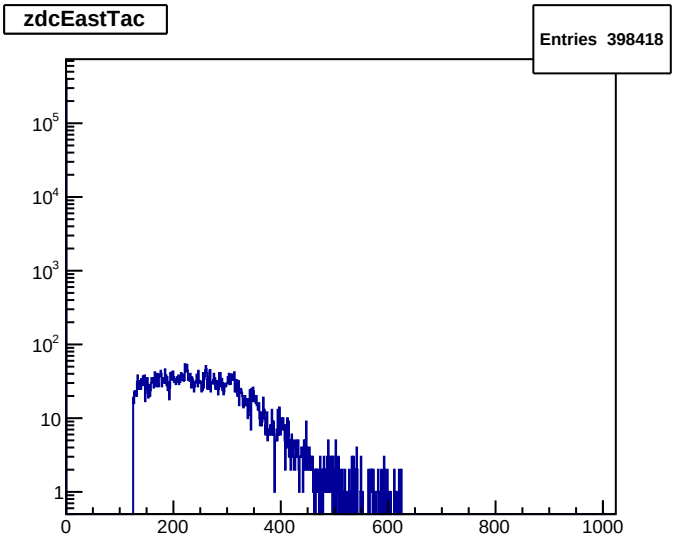

vpdEastTacMaxVsSimu
Entries 314257
Data
Simu

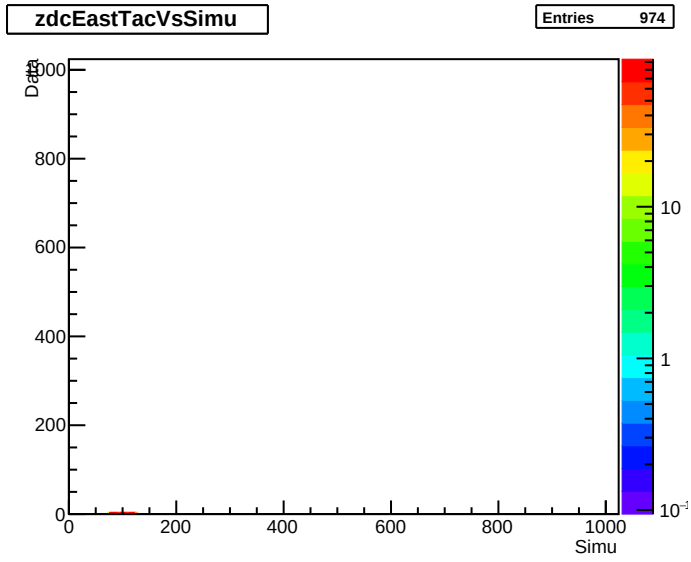

vpdWestAdcSum
Entries 398418

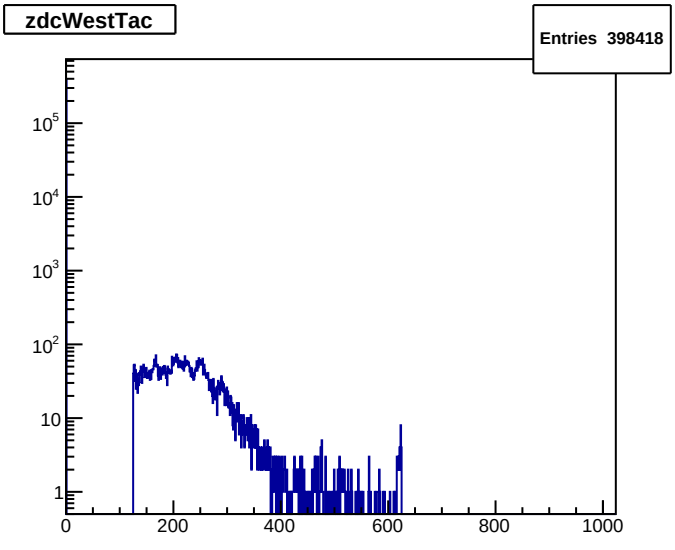

vpdWestAdcSumVsSimu
Entries 256839
Data
Simu

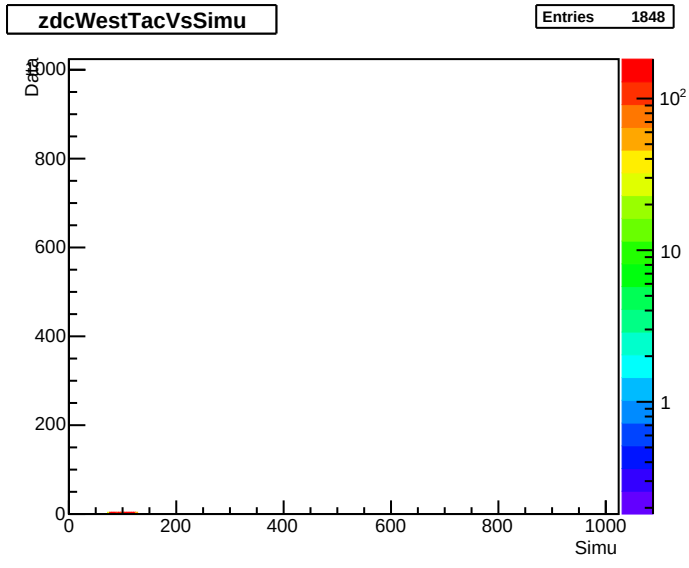

vpdWestTacMax
Entries 398418

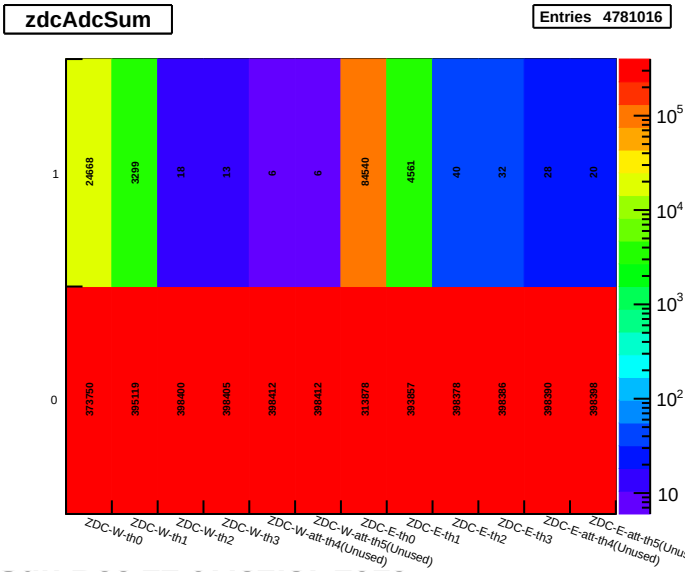

vpdWestTacMaxVsSimu
Entries 256839
Data
Simu

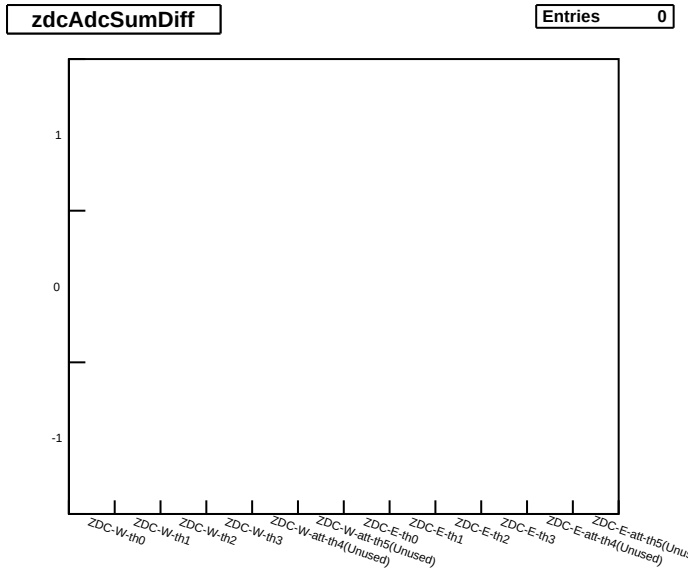

zdcEastTac
Entries 398418

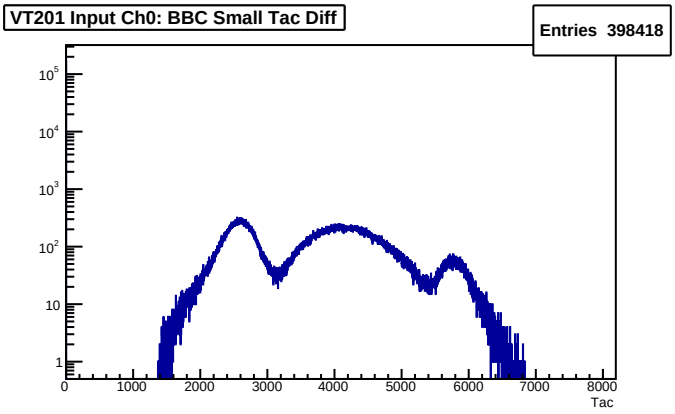

zdcEastTacVsSimu
Entries 974
Data
Simu

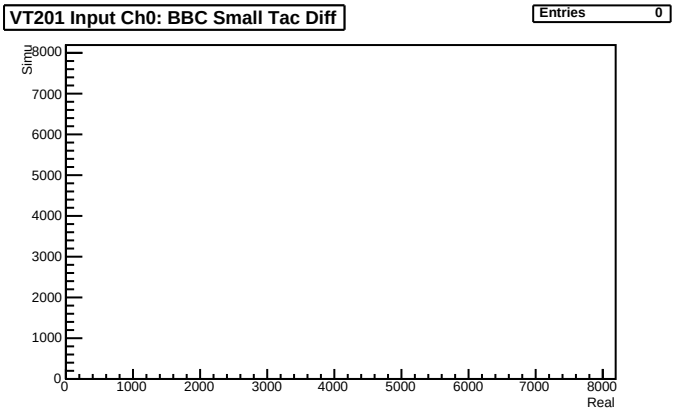

zdcWestTac
Entries 398418

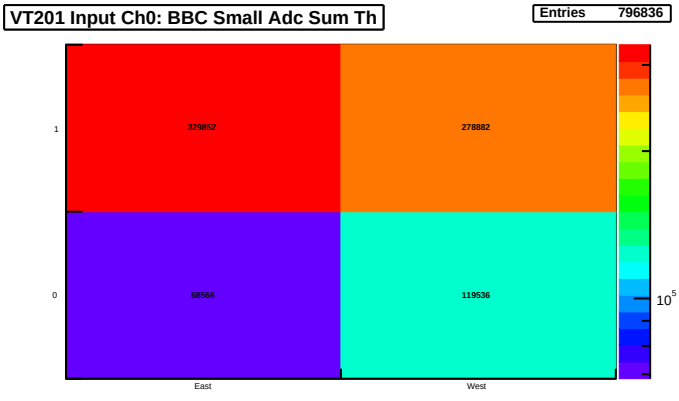

zdcWestTacVsSimu
Entries 1848
Data
Simu

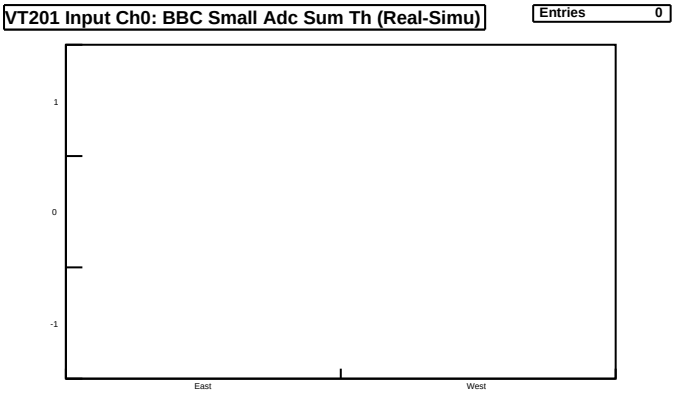

zdcAdcSum
Entries 4781016
24668
3299
18
13
6
6
84540
4561
40
32
28
20
373750
395119
398400
398405
398412
398412
313878
393857
398378
398386
398390
398398
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

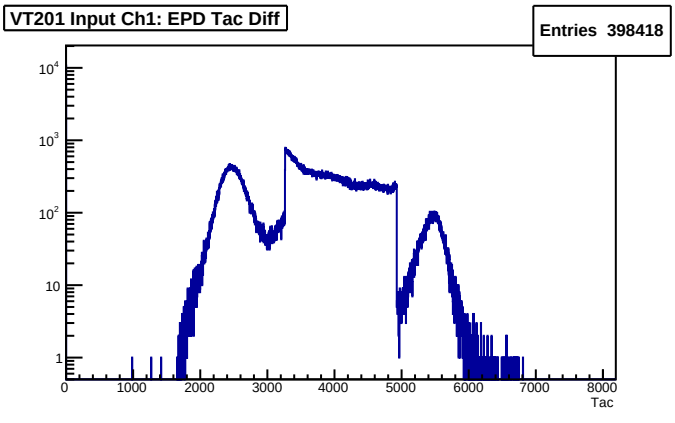

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

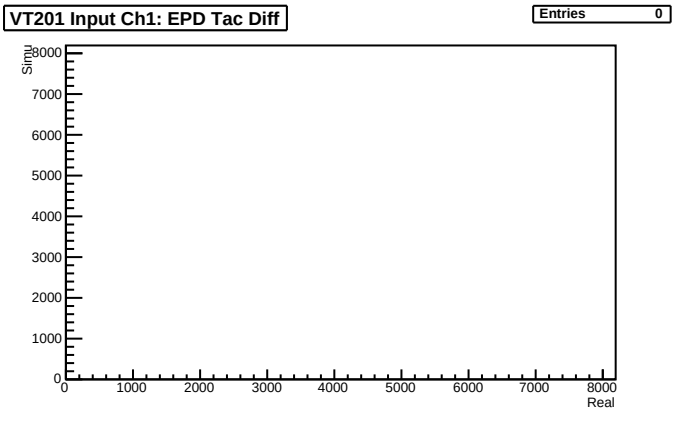

VT201 Input Ch0: BBC Small Tac Diff
Entries 398418
Tac

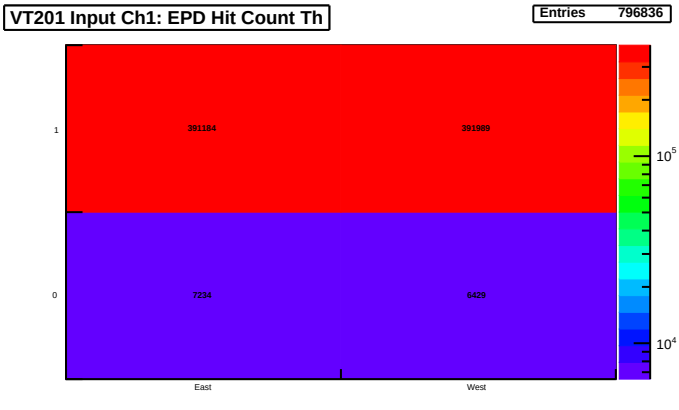

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

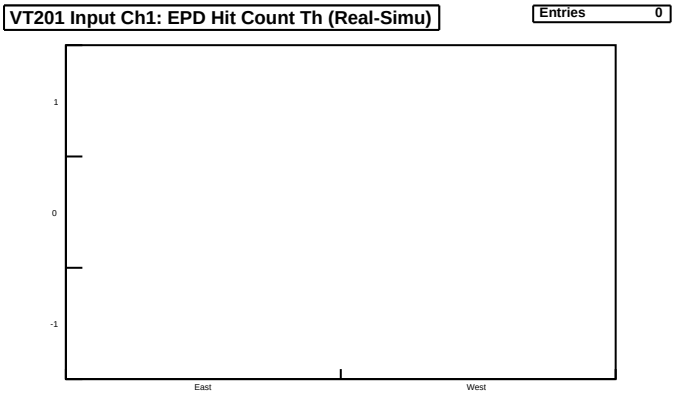

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 796836
329852
278882
68566
119536
East
West

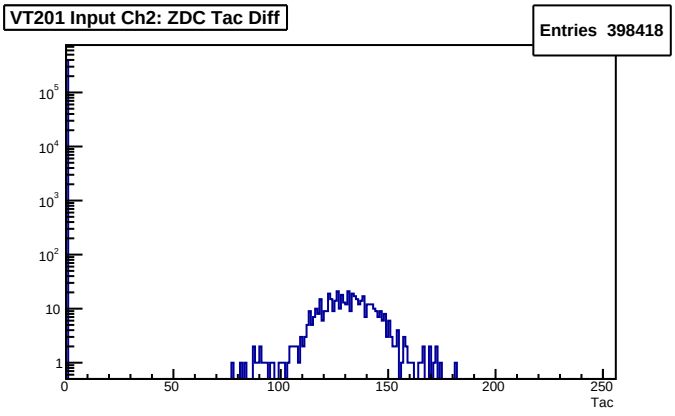

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

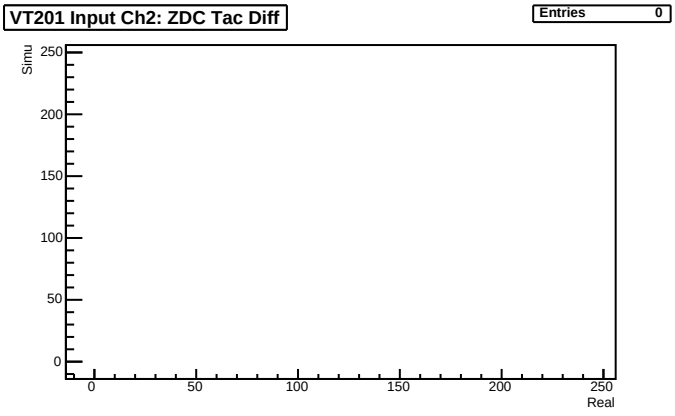

VT201 Input Ch1: EPD Tac Diff
Entries 398418
Tac

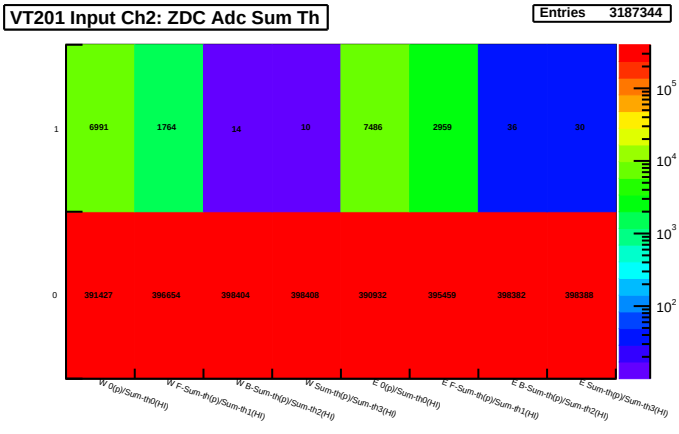

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

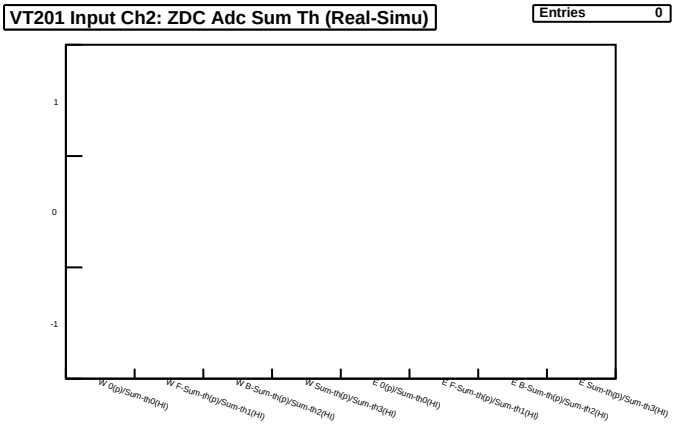

VT201 Input Ch1: EPD Hit Count Th
Entries 796836
391184
391989
7234
6429
East
West

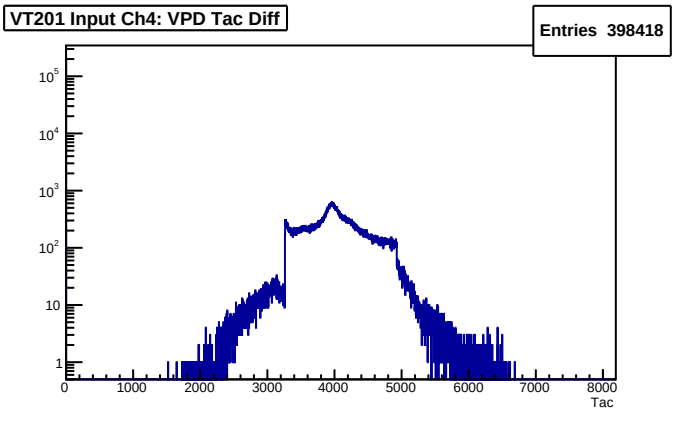

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

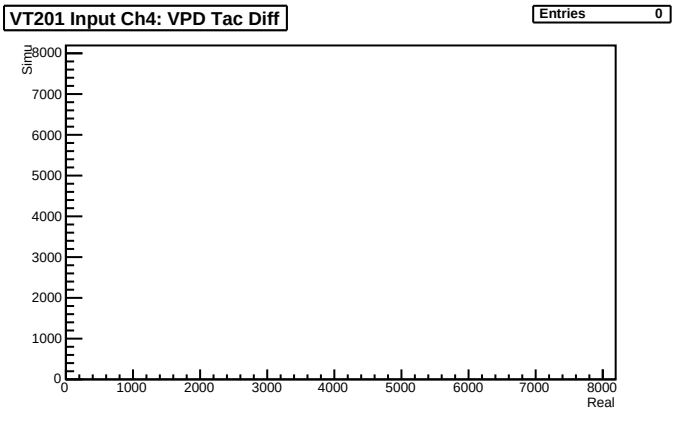

VT201 Input Ch2: ZDC Tac Diff
Entries 398418
Tac

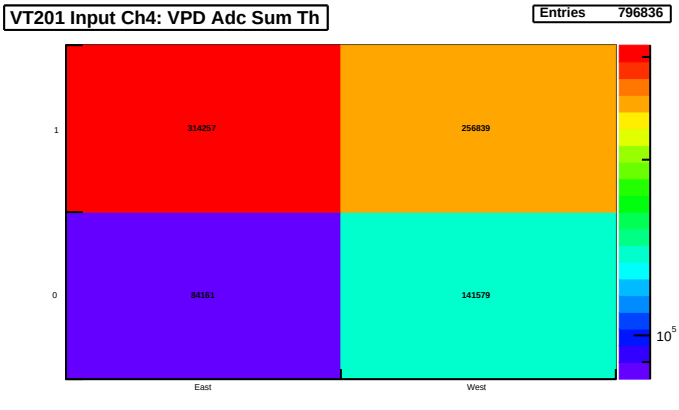

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

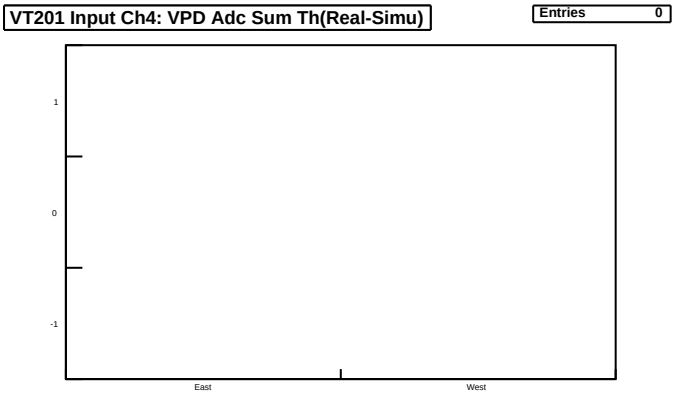

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3187344
6991
1764
14
10
7486
2959
36
30
391427
396654
398404
398408
390932
395459
398382
398388
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

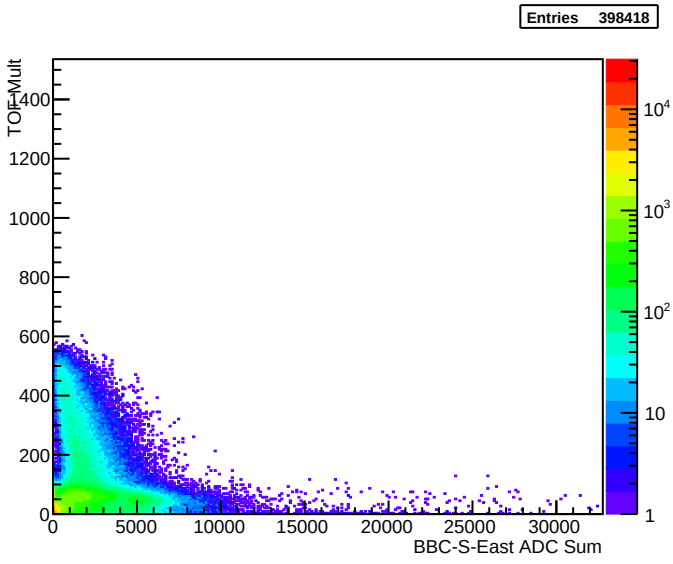

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

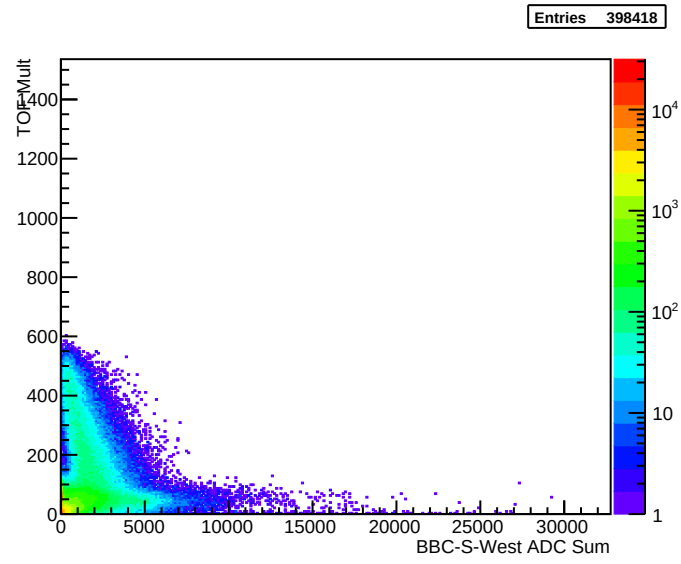

VT201 Input Ch4: VPD Tac Diff
Entries 398418
Tac

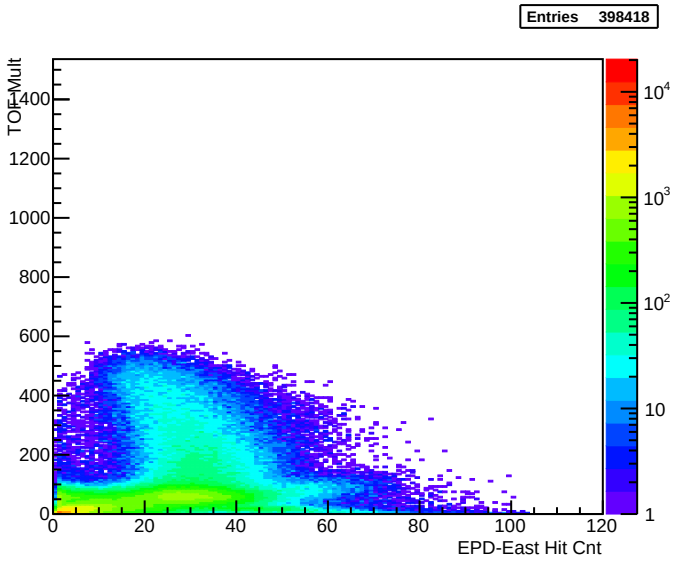

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

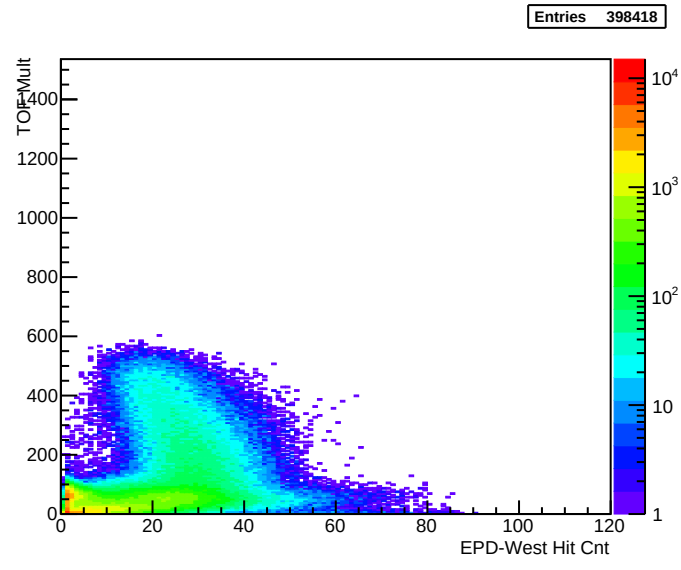

VT201 Input Ch4: VPD Adc Sum Th
Entries 796836
314257
256839
84161
141579
East
West

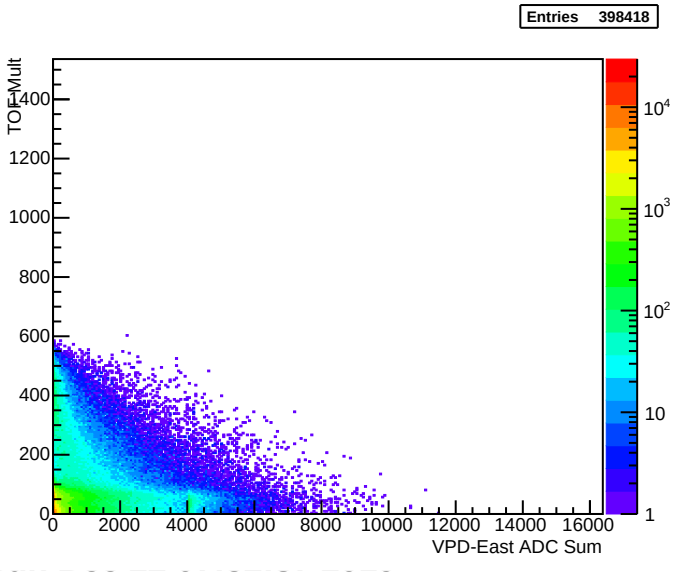

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

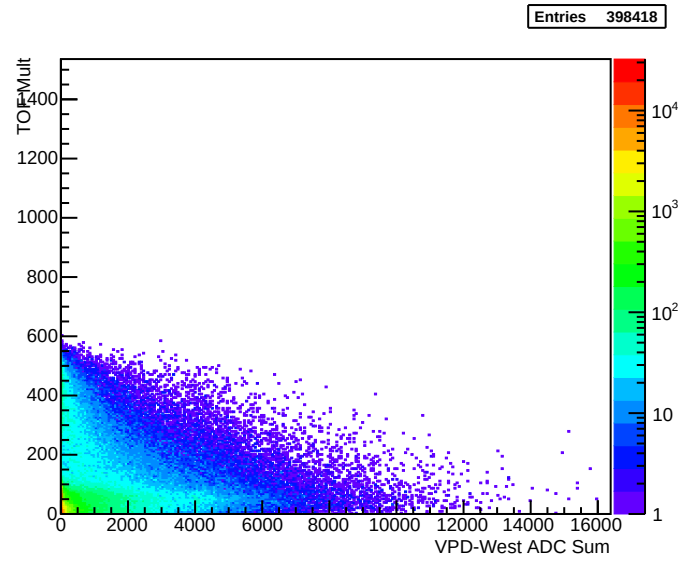

Entries 398418
TOF-Mult
BBC-S-East ADC Sum

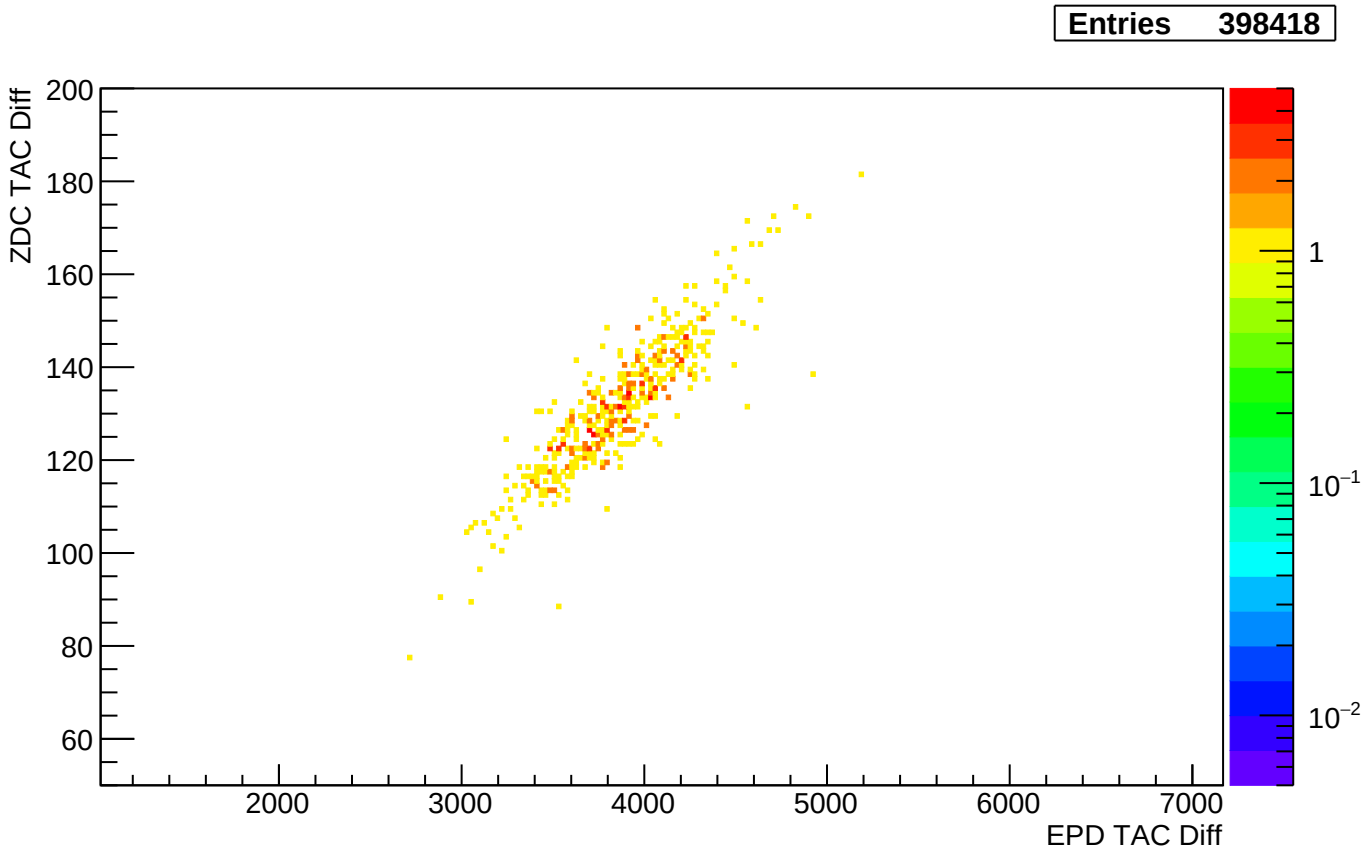

Entries 398418
TOF-Mult
BBC-S-West ADC Sum

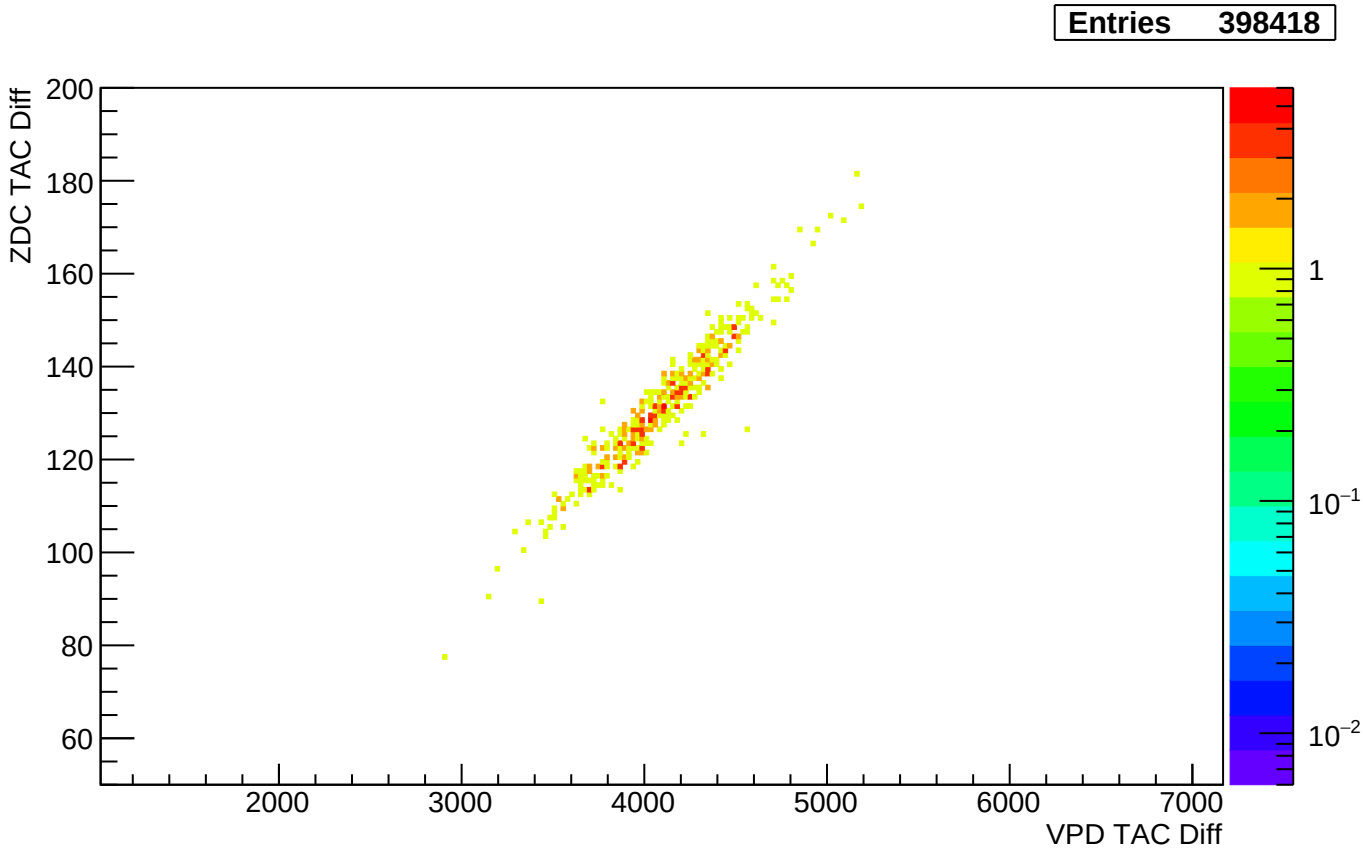

Entries 398418
TOF-Mult
EPD-East Hit Cnt

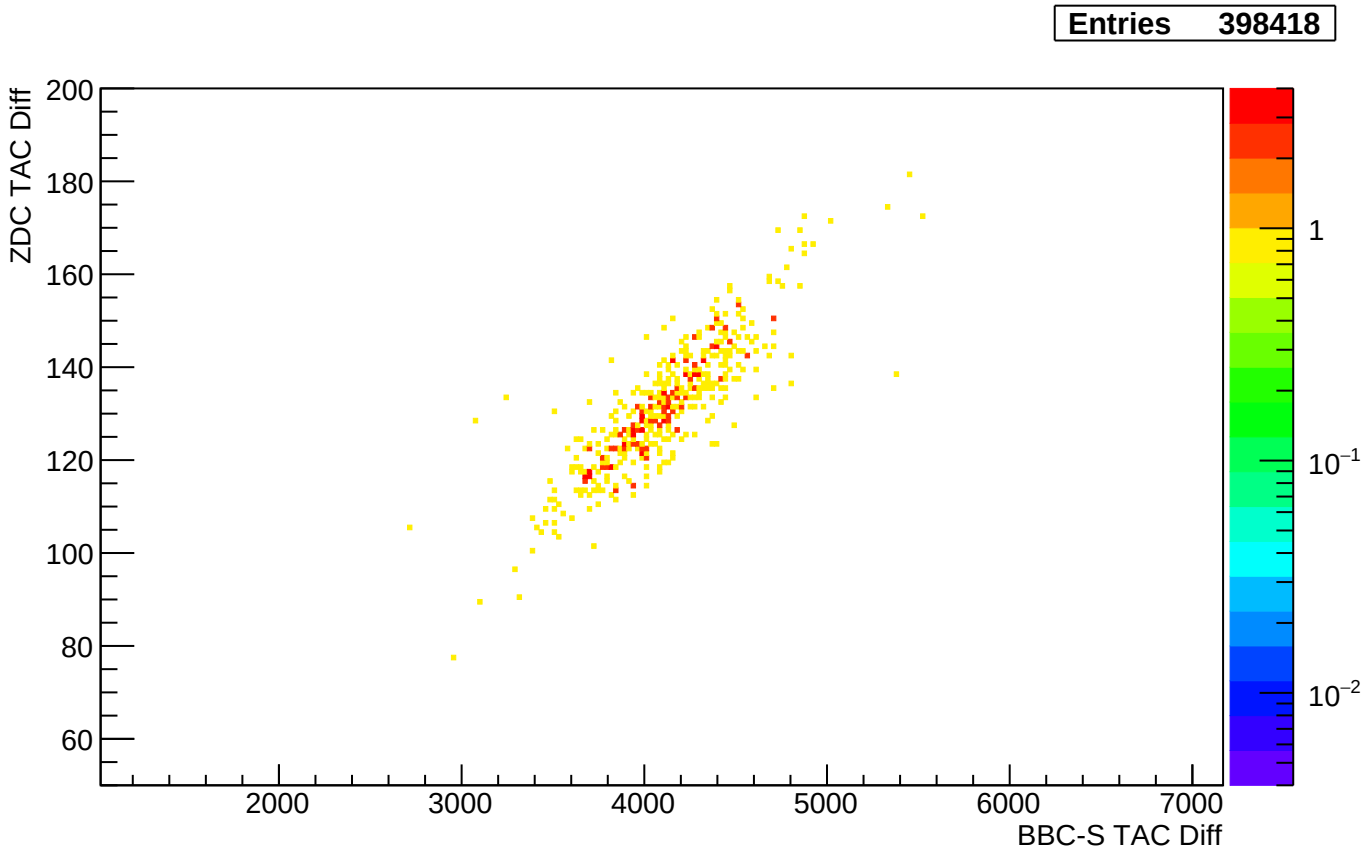

Entries 398418
TOF-Mult
EPD-West Hit Cnt

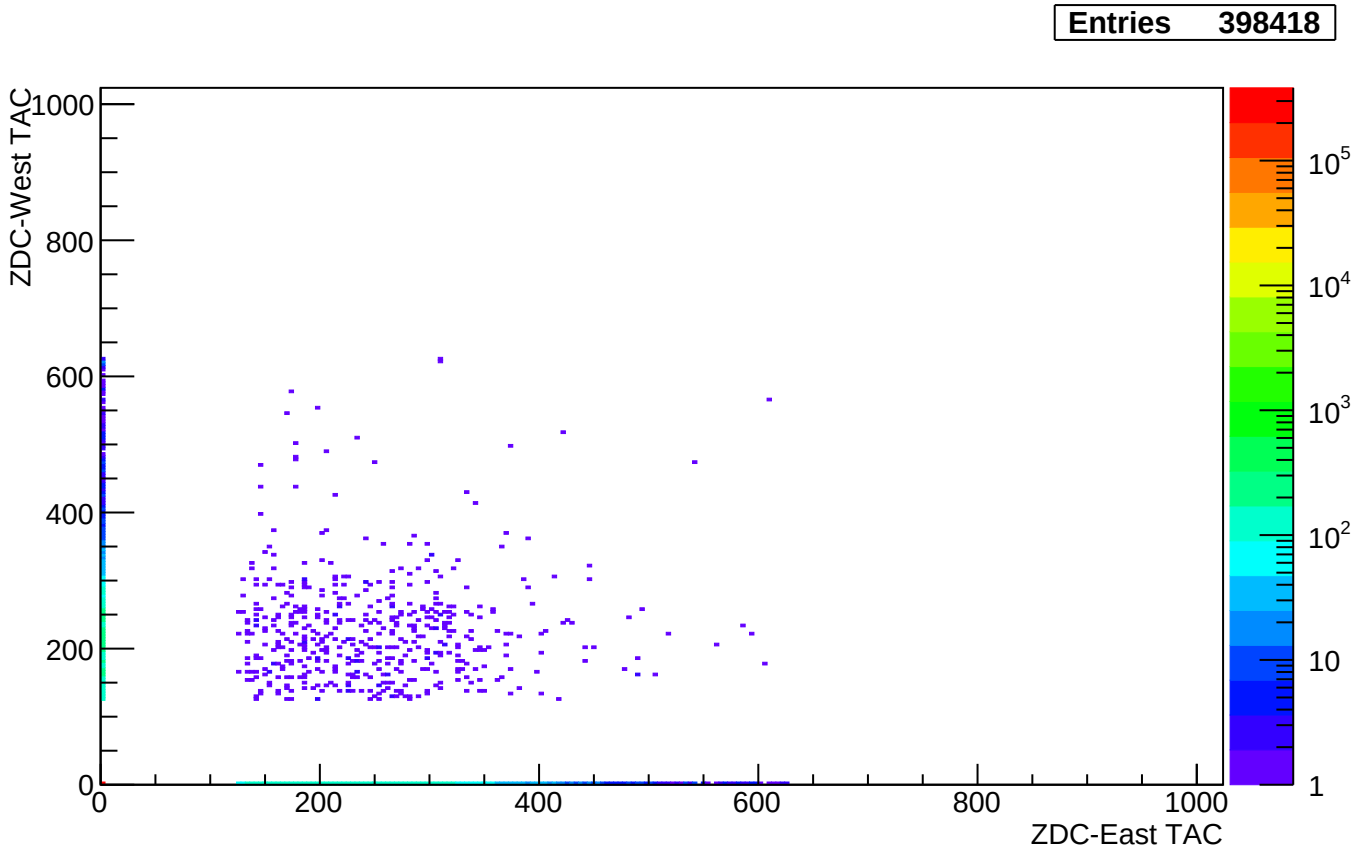

Entries 398418
TOF-Mult
VPD-East ADC Sum

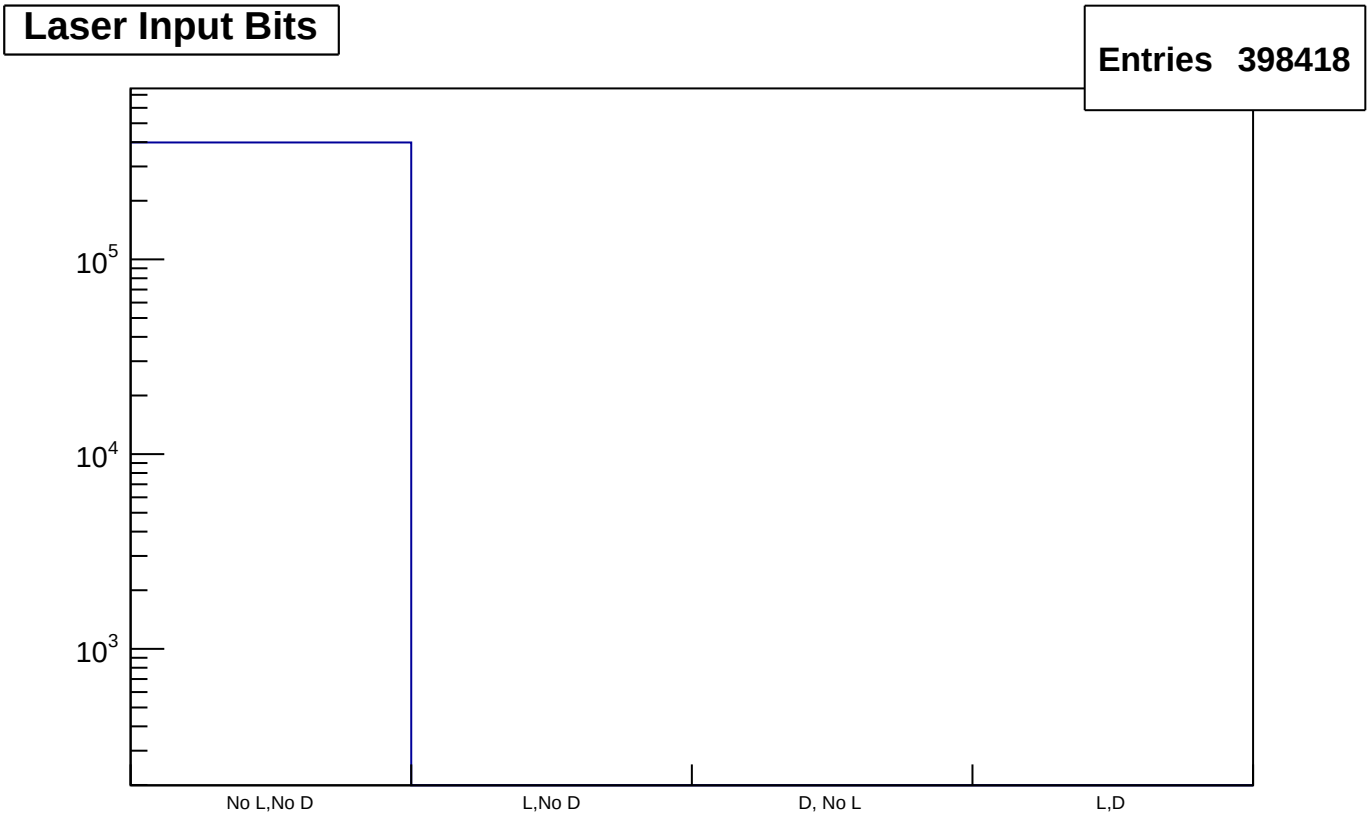

Entries 398418
TOF-Mult
VPD-West ADC Sum

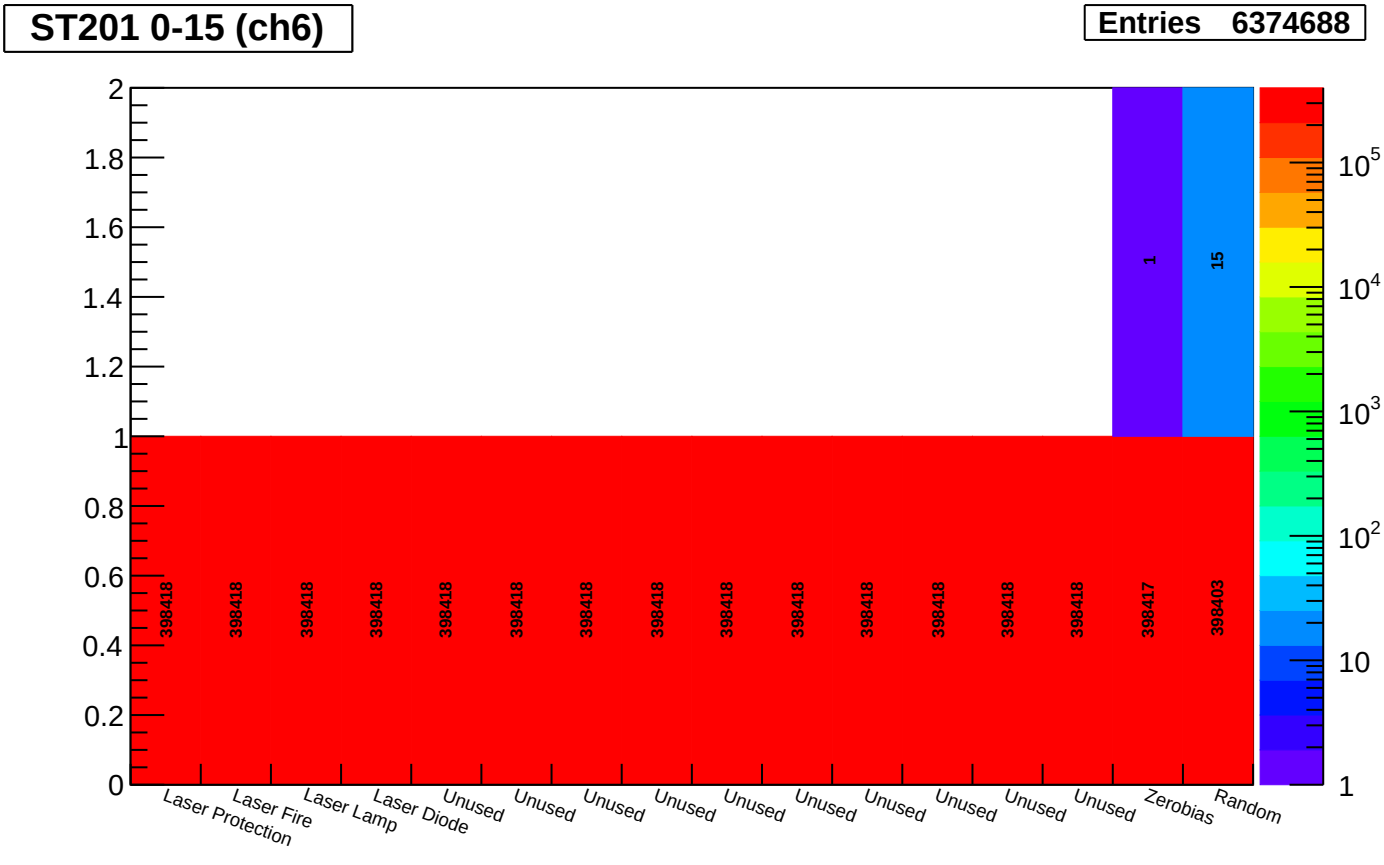

Entries 398418
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

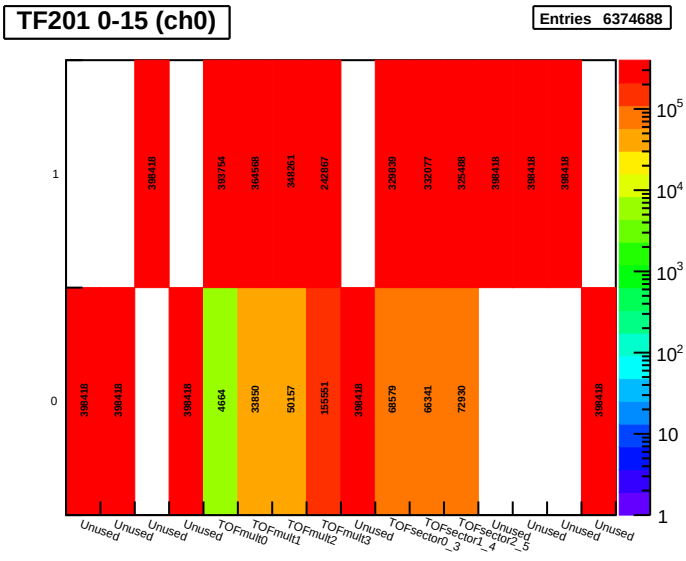

Entries 398418
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

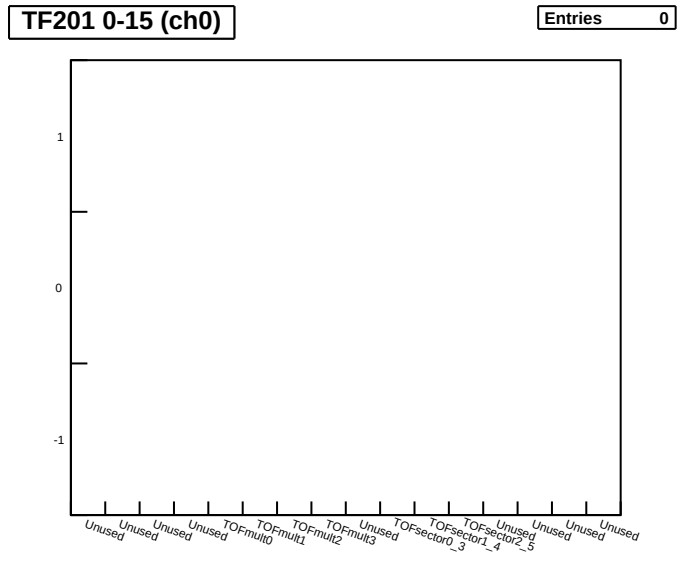

Entries 398418
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
$10^{-1}$
$10^{-2}$

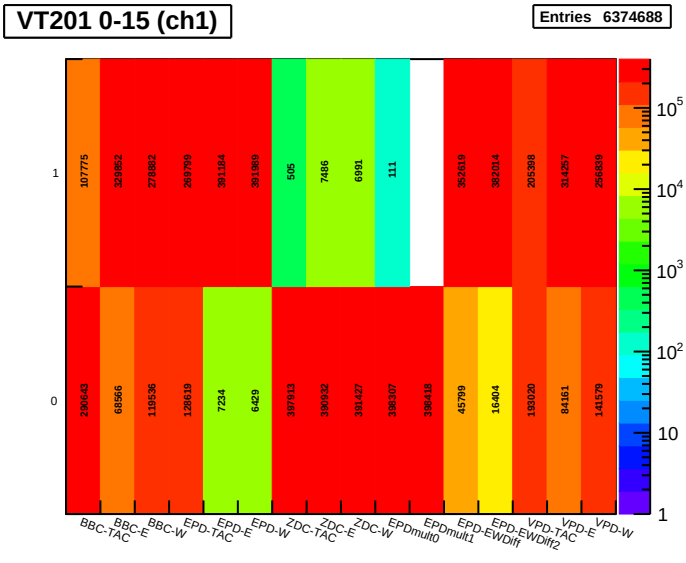

Entries 398418
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

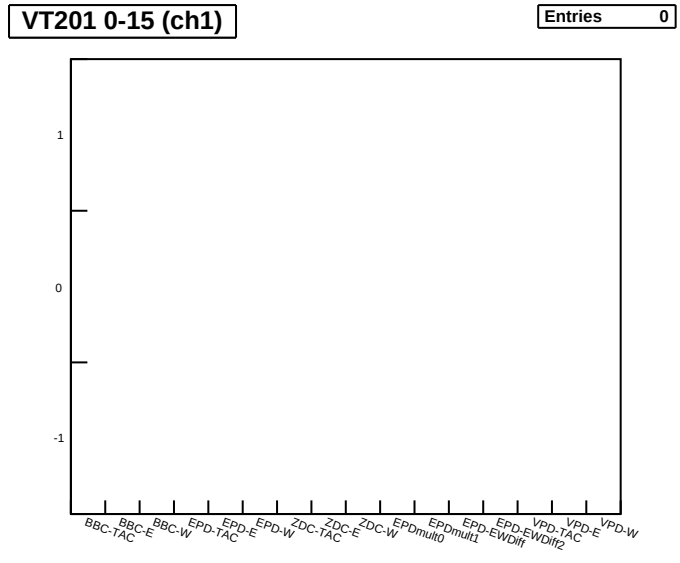

Laser Input Bits
Entries 398418
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

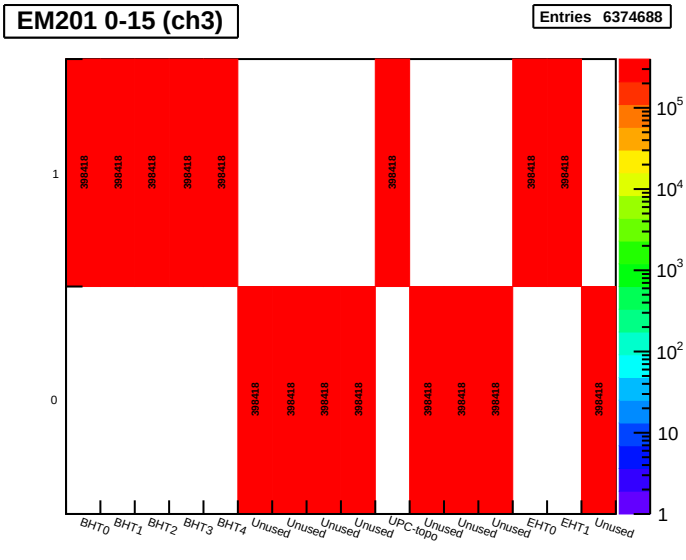

ST201 0-15 (ch6)
Entries 6374688
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
398418
398418
398418
398418
398418
398418
398418
398418
398418
398418
398418
398418
398418
398418
398417
398403
1
15
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

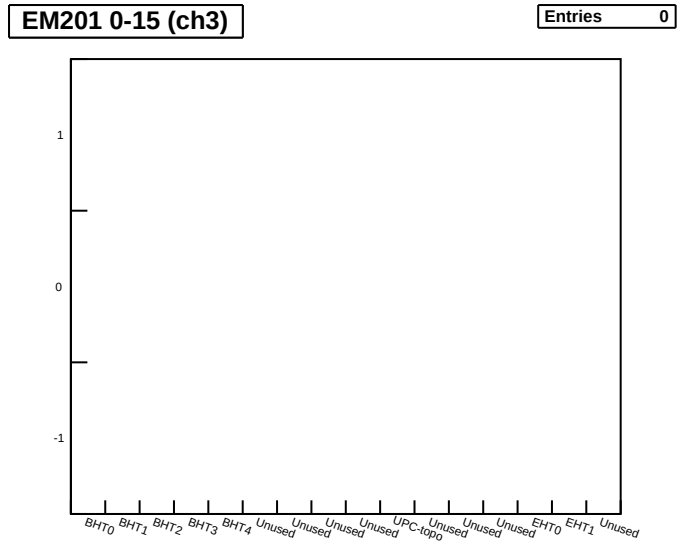

TF201 0-15 (ch0)
Entries 6374688
398418 393754 364568 349261 242867 329839 322077 325488 398418 398418 398418
398418 398418 398418 4664 33850 50157 155551 398418 68579 66341 72930 398418
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


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


VT201 0-15 (ch1)
Entries 6374688
107775 329852 278882 269799 391184 391989 505 7486 6991 111 352619 382014 205398 314257 256839
290643 68566 119536 128619 7234 6429 397913 390932 391427 398307 398418 45799 16404 193020 84161 141579
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


VT201 0-15 (ch1)
Entries 0
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 6374688
398418 398418 398418 398418 398418 398418 398418 398418
398418 398418 398418 398418 398418 398418 398418 398418
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused


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