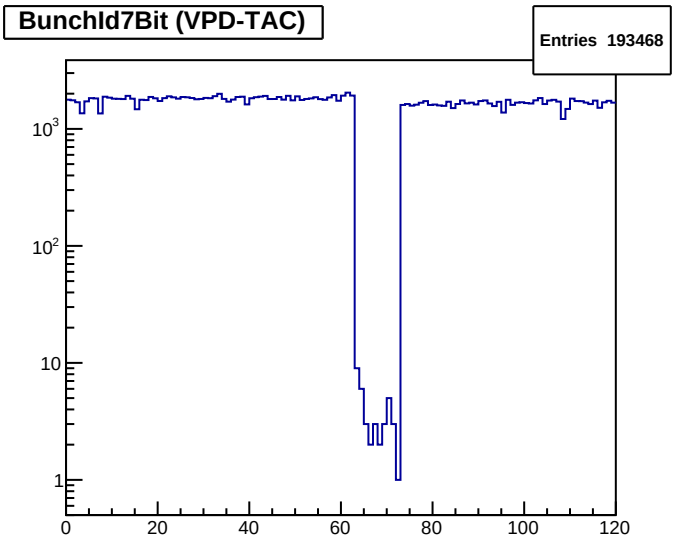
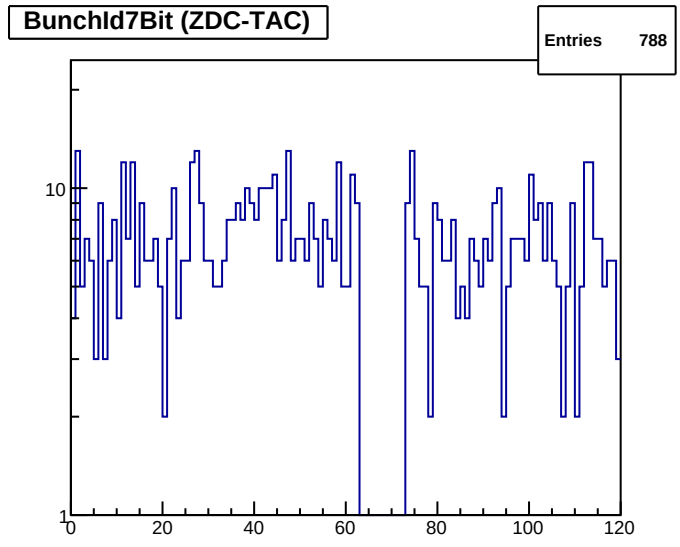
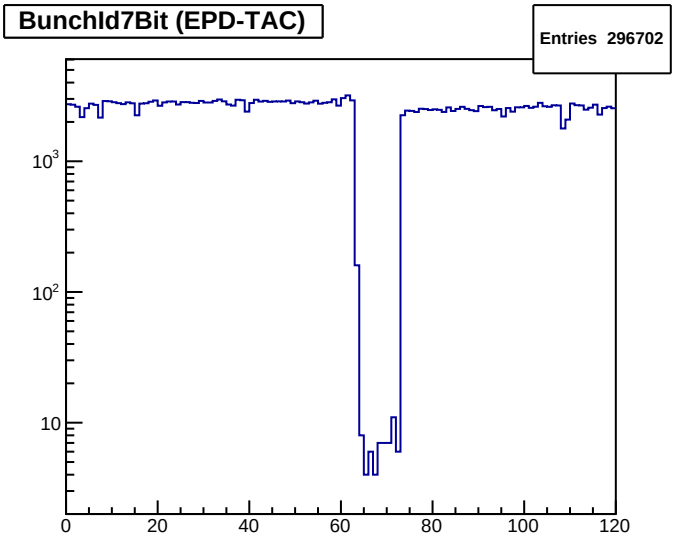
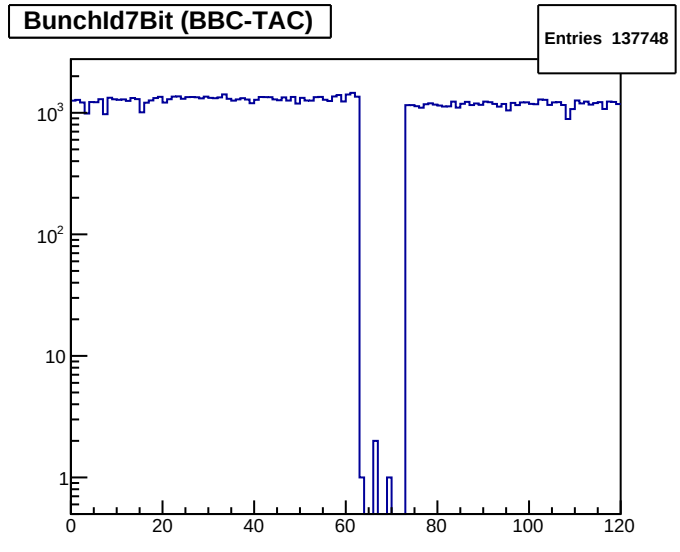
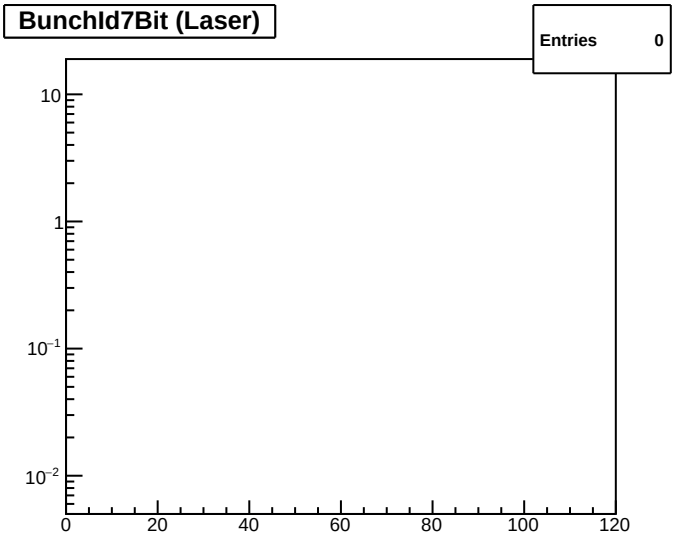
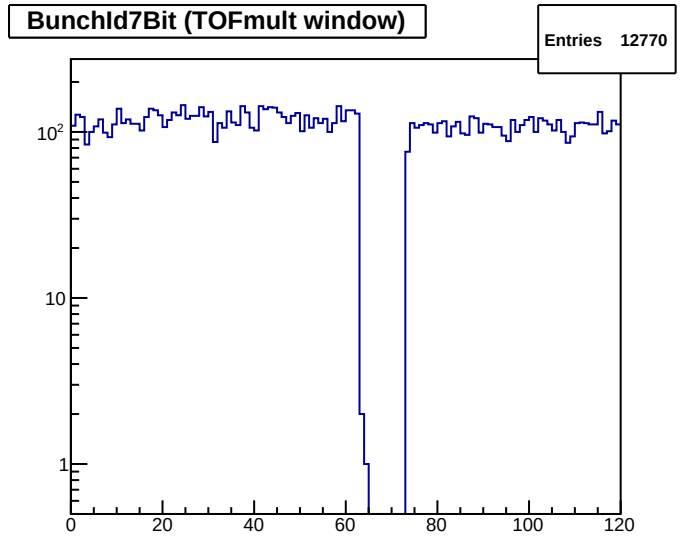

BunchId7Bit (VPD-TAC)
Entries 193468

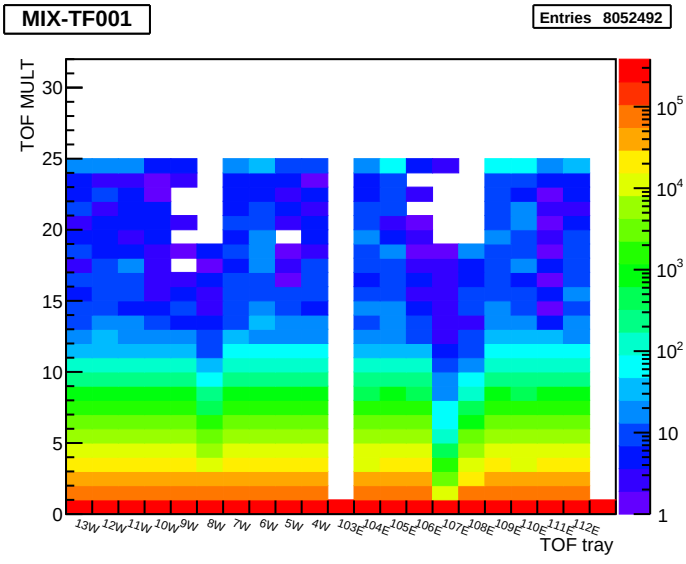

BunchId7Bit (ZDC-TAC)
Entries 788

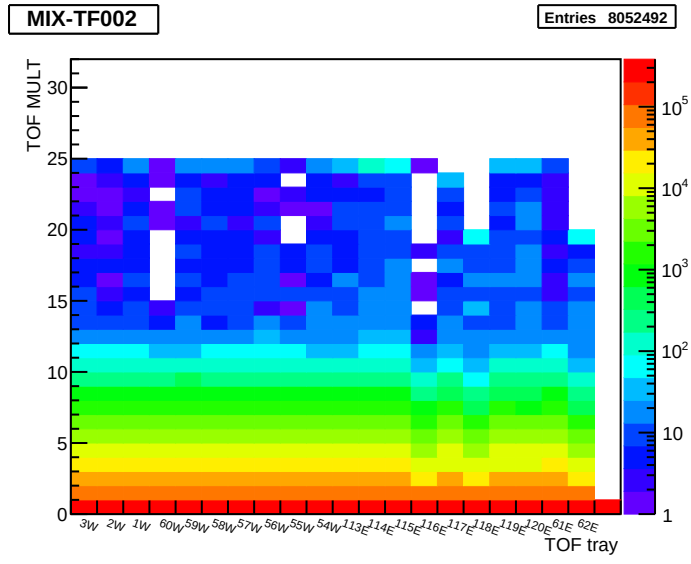

BunchId7Bit (EPD-TAC)
Entries 296702

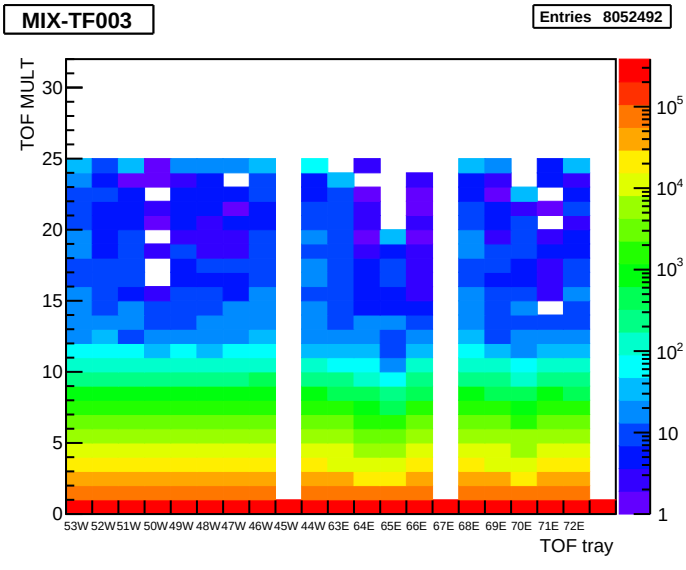

BunchId7Bit (BBC-TAC)
Entries 137748

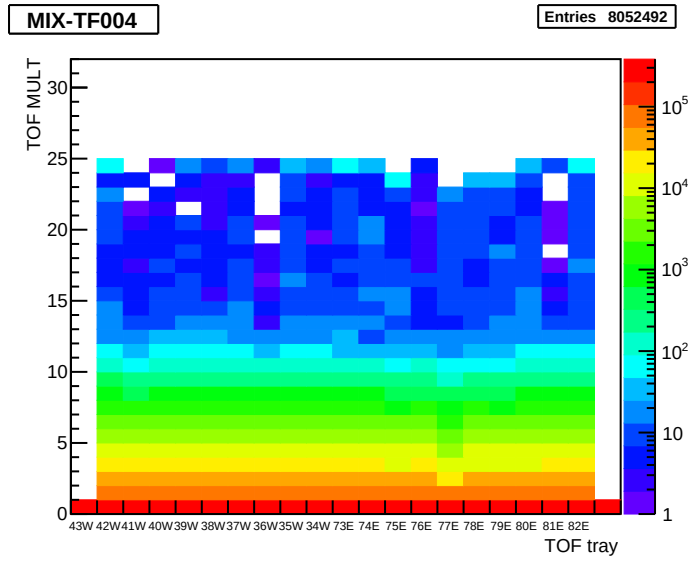

BunchId7Bit (Laser)
Entries 0

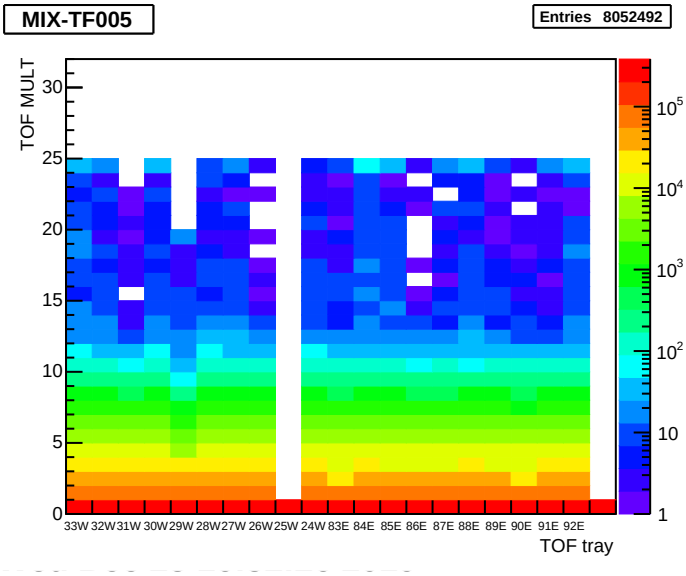

BunchId7Bit (TOFmult window)
Entries 12770

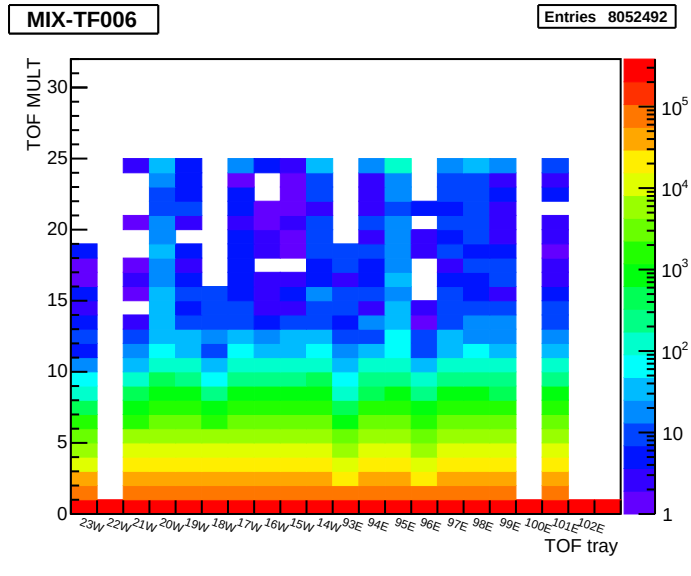

MIX-TF001
Entries 8052492
TOF MULT
TOF tray

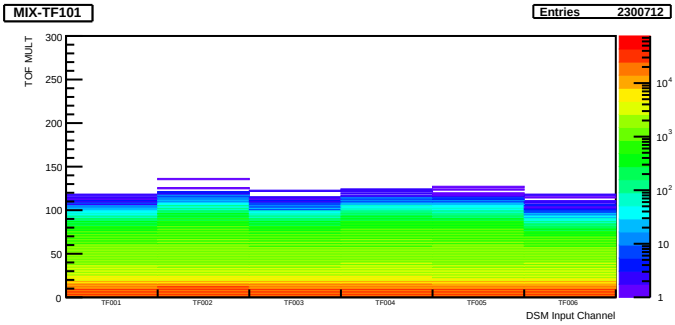

MIX-TF002
Entries 8052492
TOF MULT
TOF tray

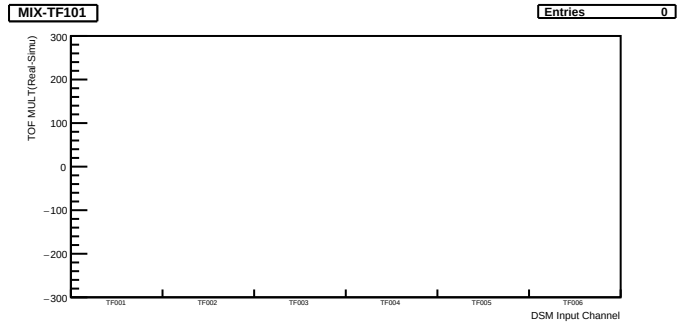

MIX-TF003
Entries 8052492
TOF MULT
TOF tray

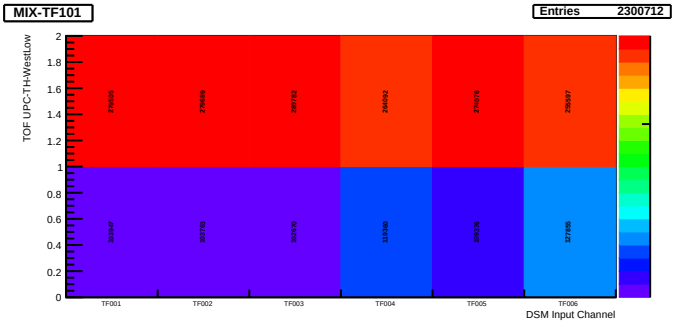

MIX-TF004
Entries 8052492
TOF MULT
TOF tray

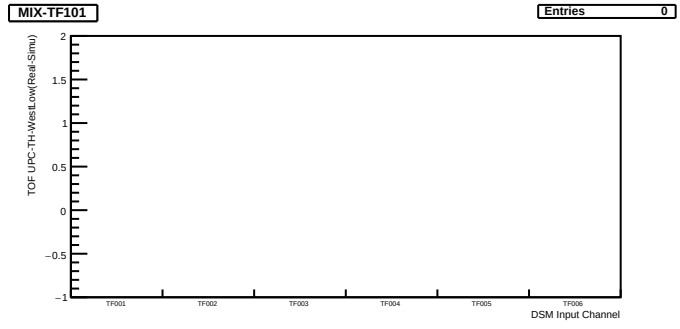

MIX-TF005
Entries 8052492
TOF MULT
TOF tray

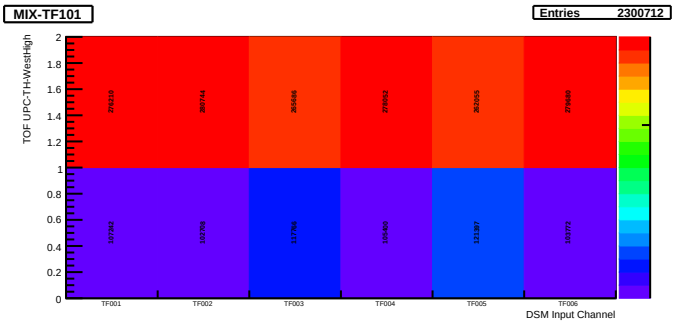

MIX-TF006
Entries 8052492
TOF MULT
TOF tray

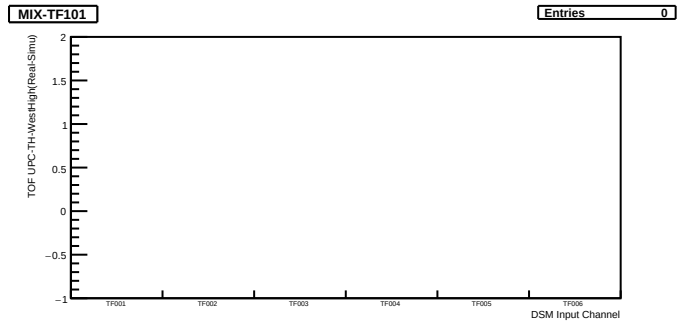

MIX-TF101
Entries 2300712
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

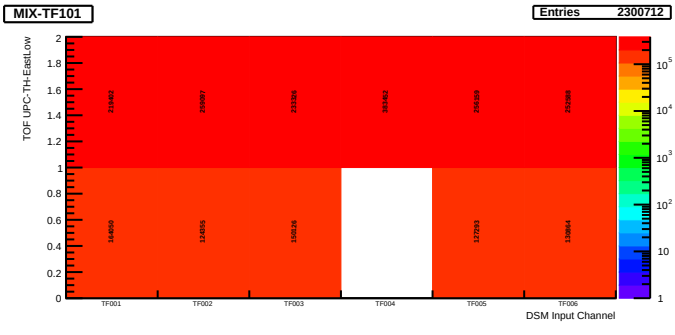

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

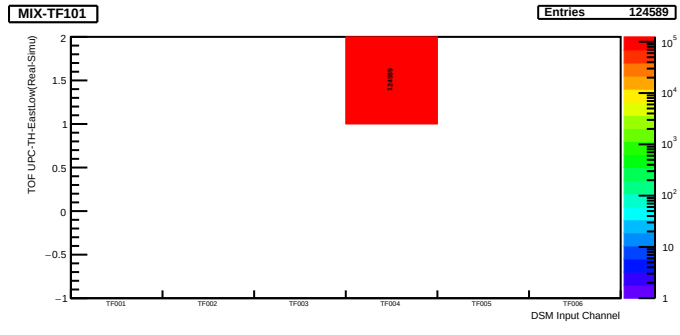

MIX-TF101
Entries 2300712
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

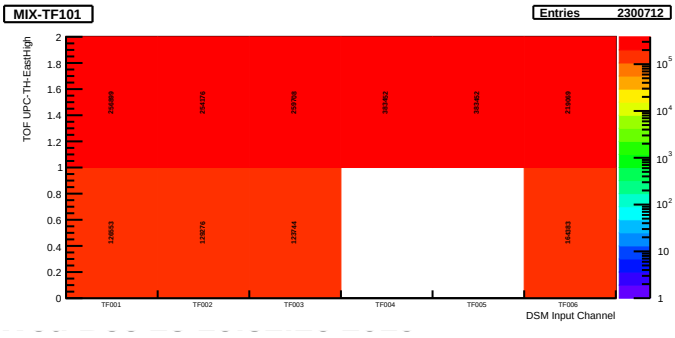

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

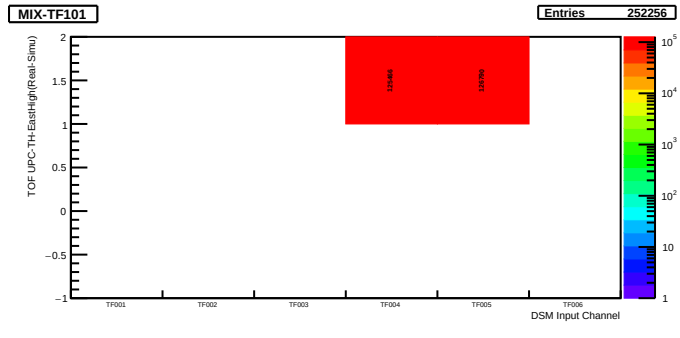

MIX-TF101
Entries 2300712
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

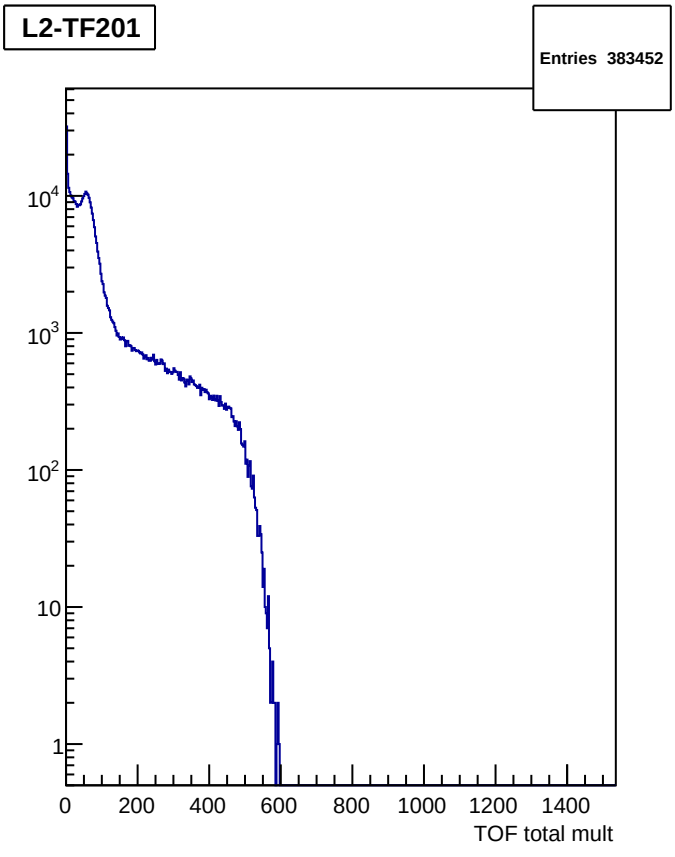

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

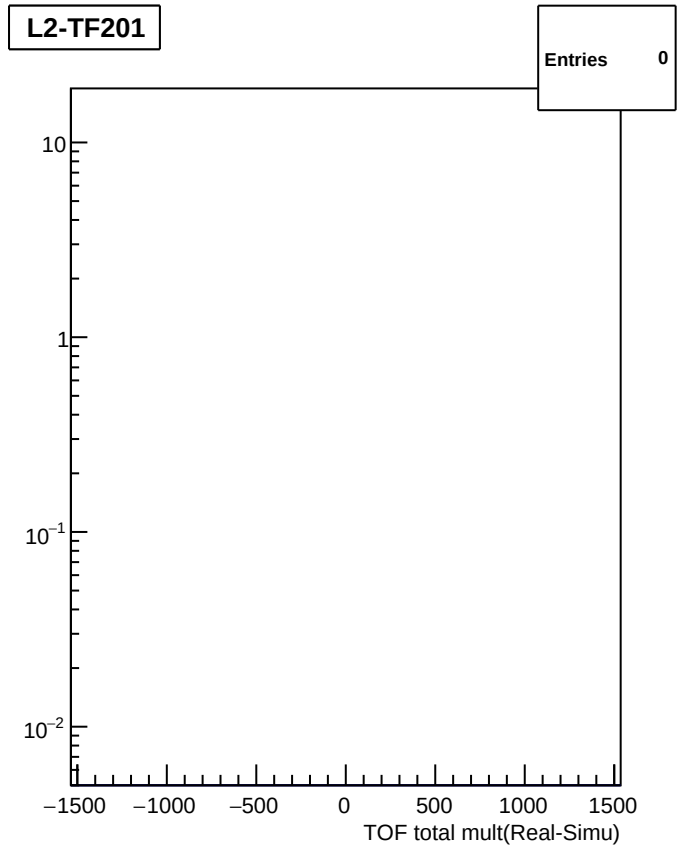

MIX-TF101
Entries 2300712
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

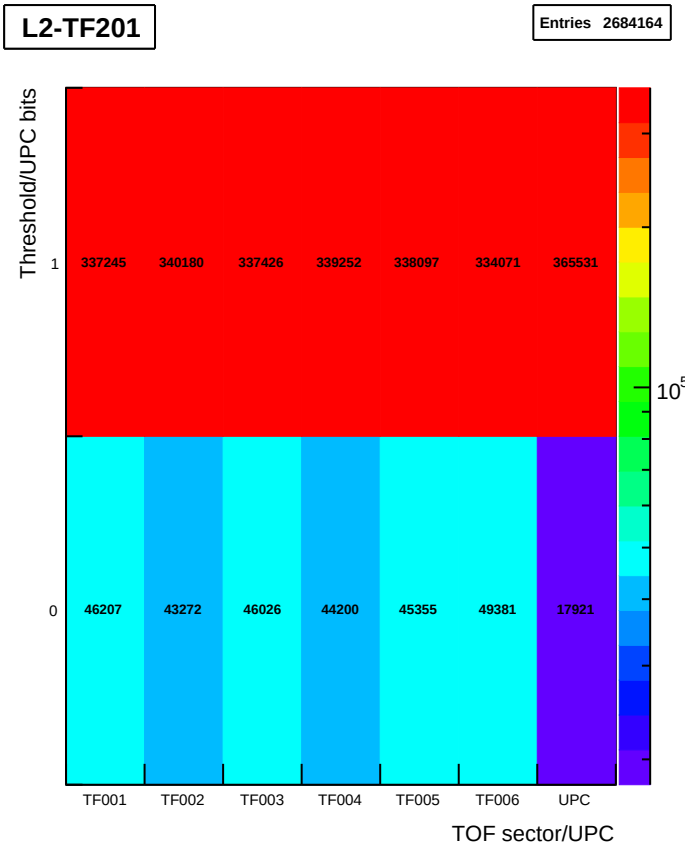

MIX-TF101
Entries 124589
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

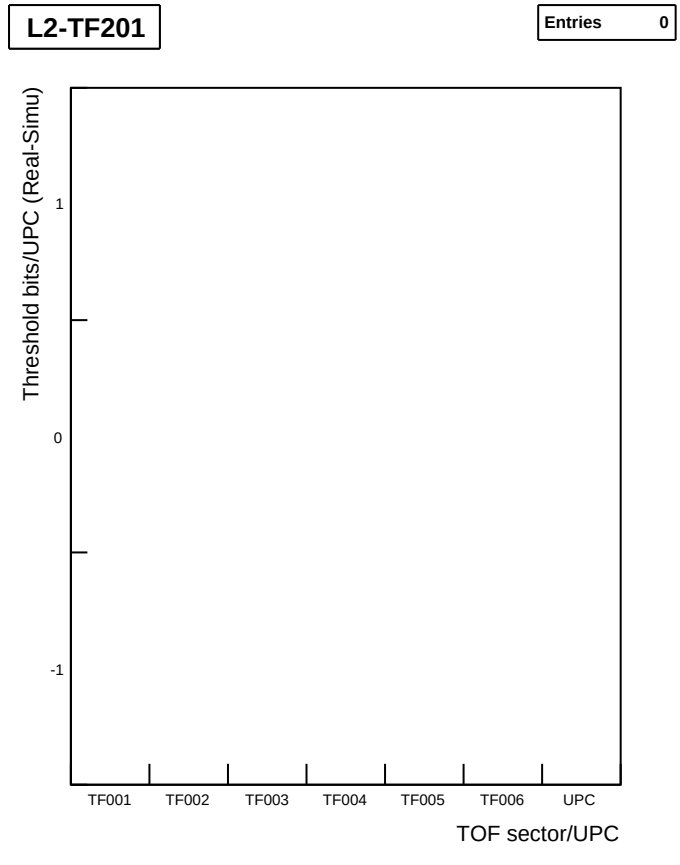

MIX-TF101
Entries 2300712
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

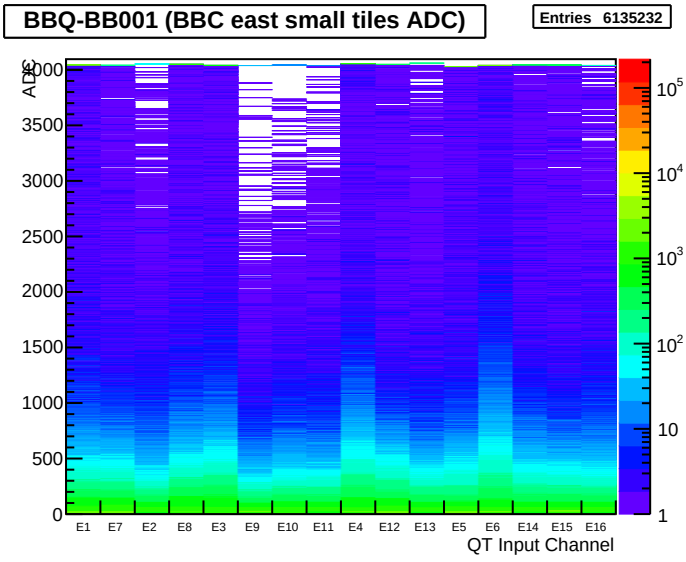

MIX-TF101
Entries 252256
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

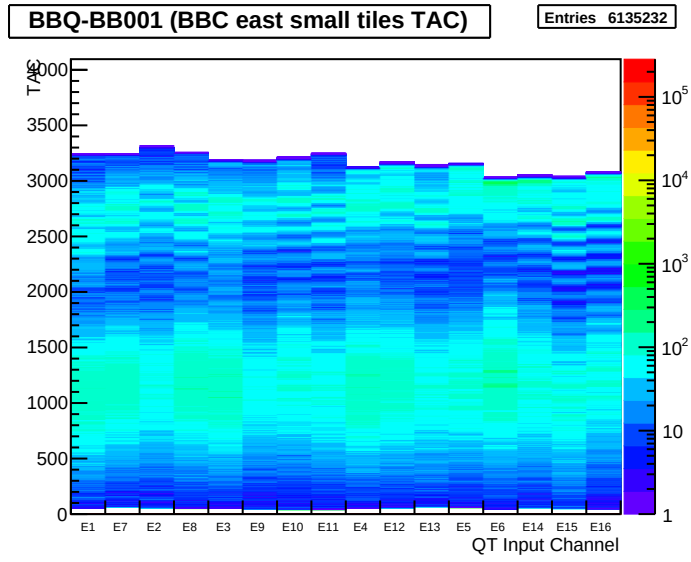

L2-TF201
Entries 383452
TOF total mult

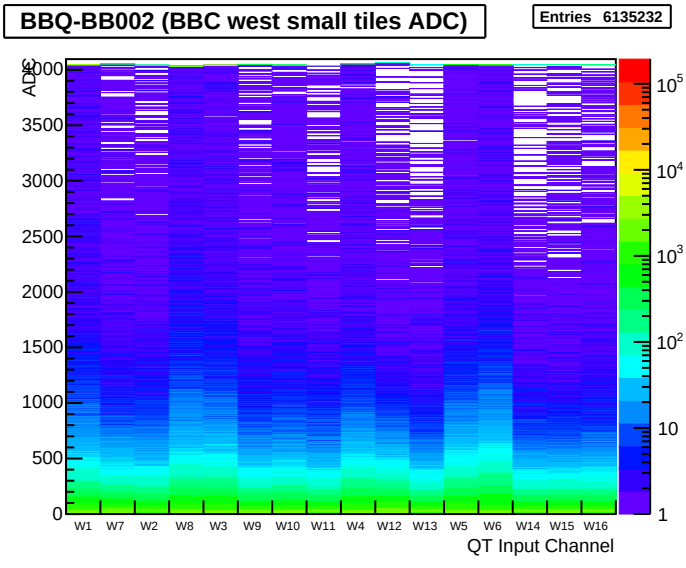

L2-TF201
Entries 0
TOF total mult(Real-Simu)

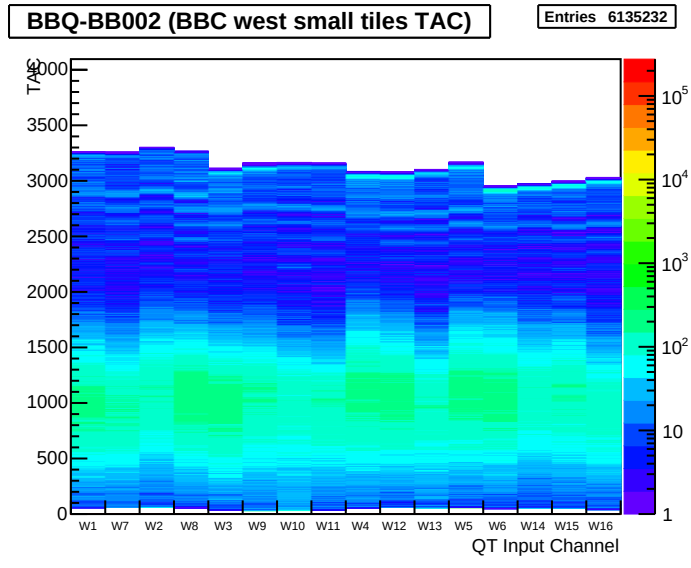

L2-TF201
Entries 2684164
Threshold/UPC bits
337245
340180
337426
339252
338097
334071
365531
46207
43272
46026
44200
45355
49381
17921
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

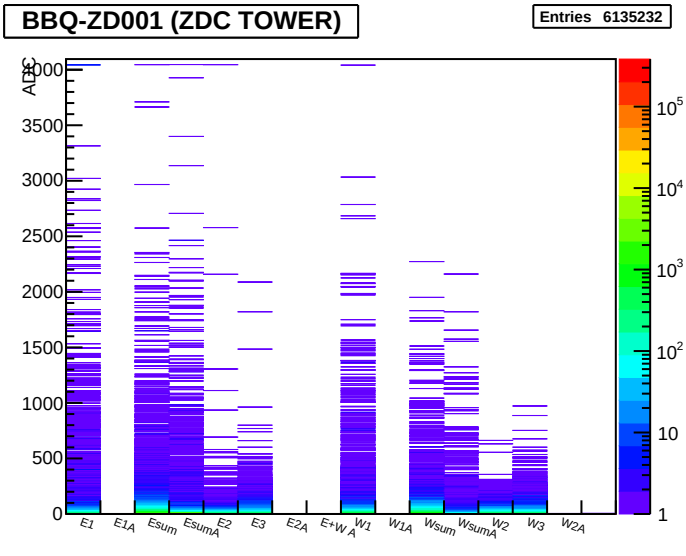

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

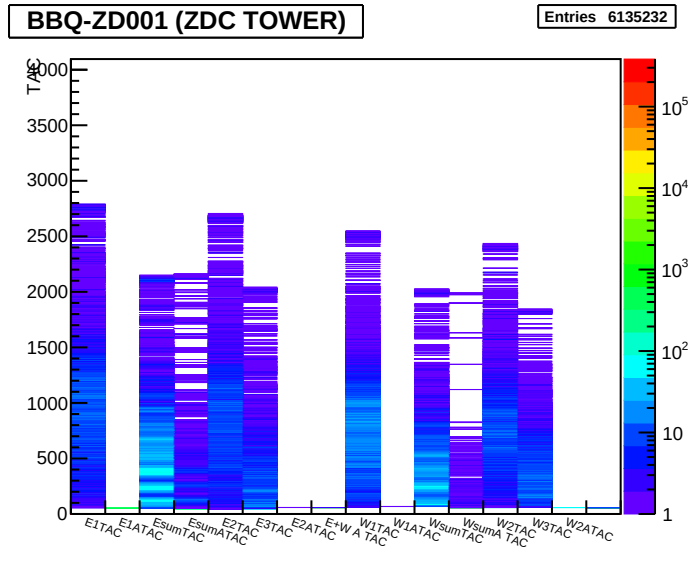

BBQ-BB001 (BBC east small tiles ADC)
Entries 6135232
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

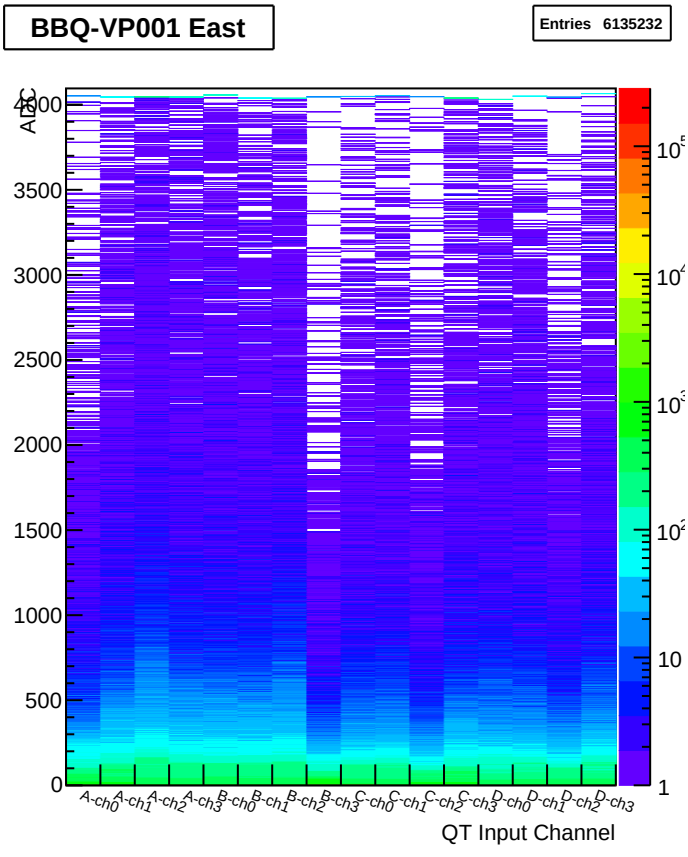

BBQ-BB001 (BBC east small tiles TAC)
Entries 6135232
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

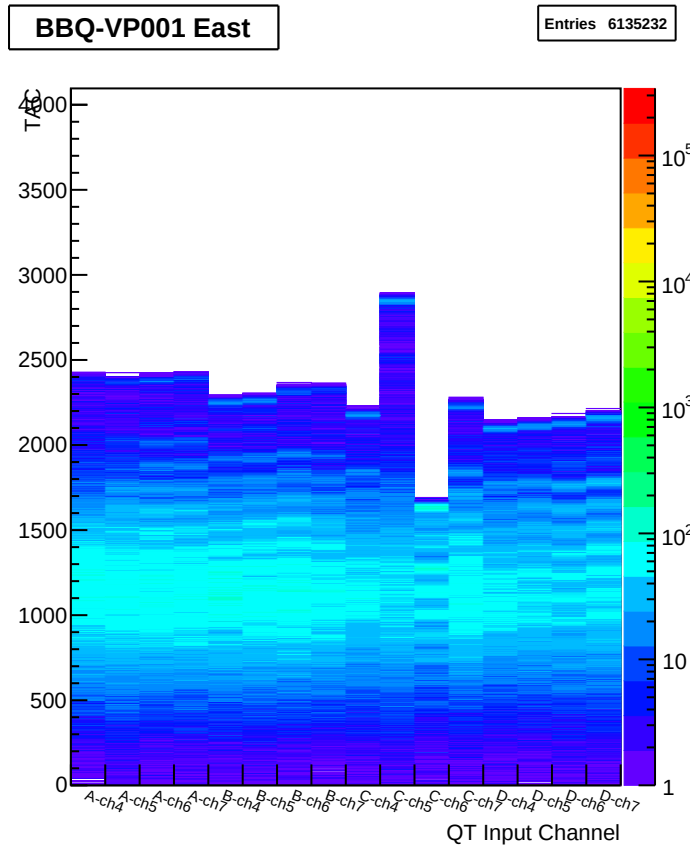

BBQ-BB002 (BBC west small tiles ADC)
Entries 6135232
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

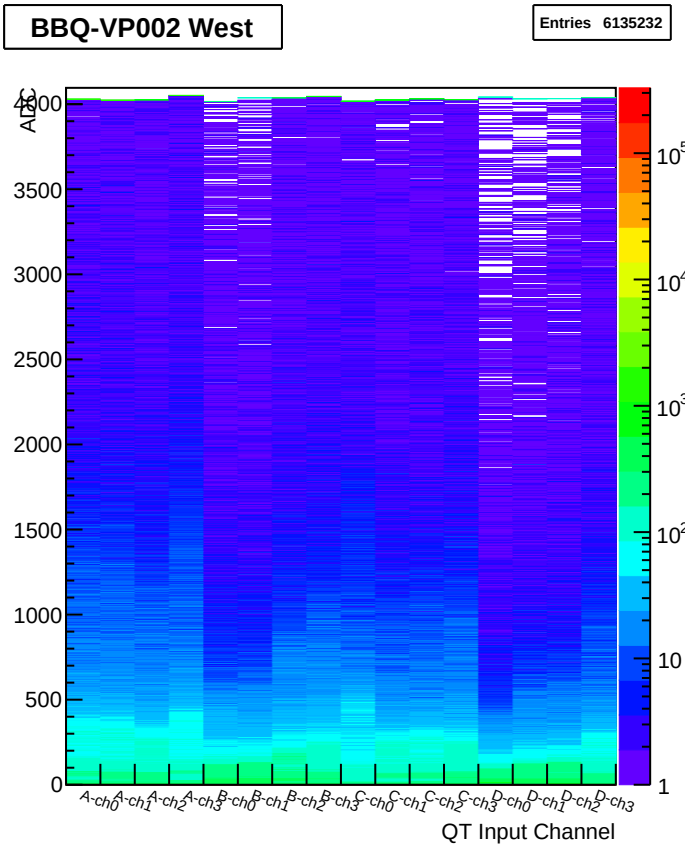

BBQ-BB002 (BBC west small tiles TAC)
Entries 6135232
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

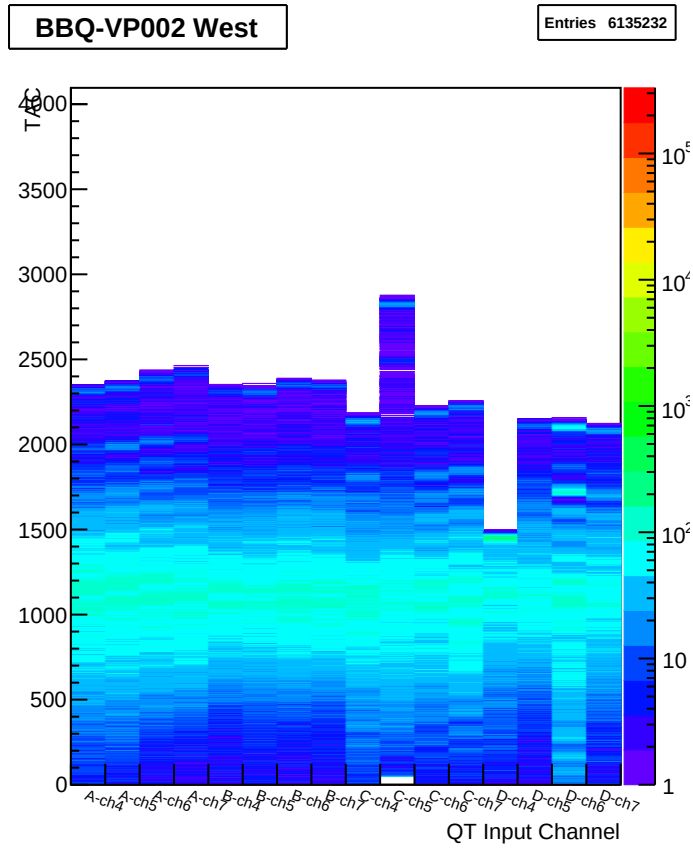

BBQ-ZD001 (ZDC TOWER)
Entries 6135232
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

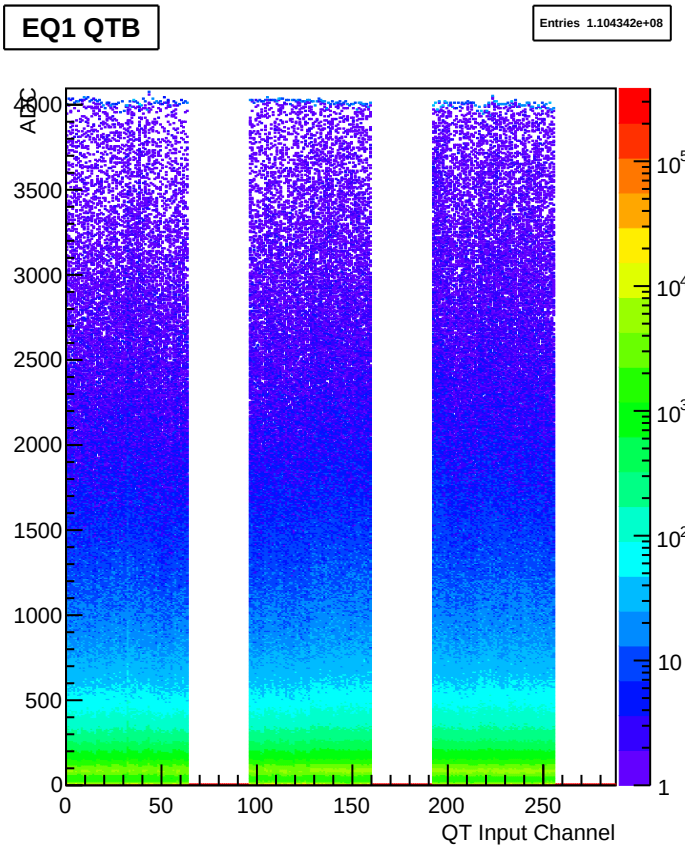

BBQ-ZD001 (ZDC TOWER)
Entries 6135232
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

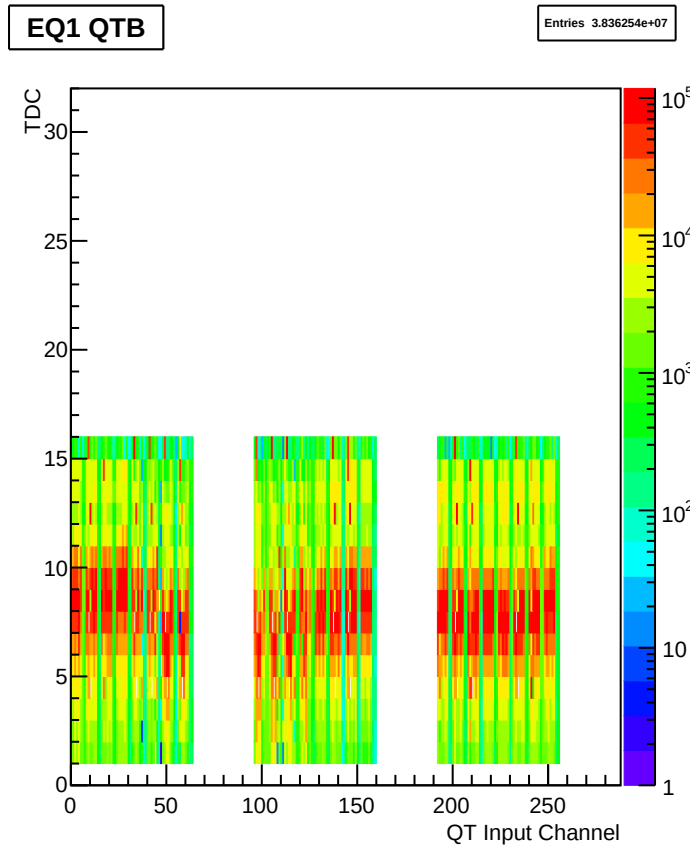

BBQ-VP001 East
Entries 6135232
ADC
QT Input Channel

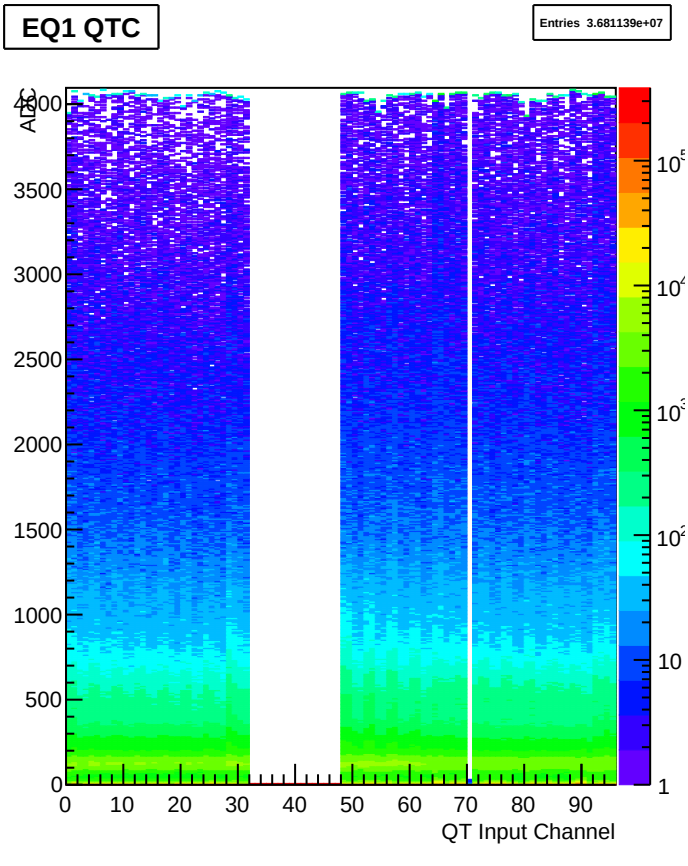

BBQ-VP001 East
Entries 6135232
ADC
QT Input Channel

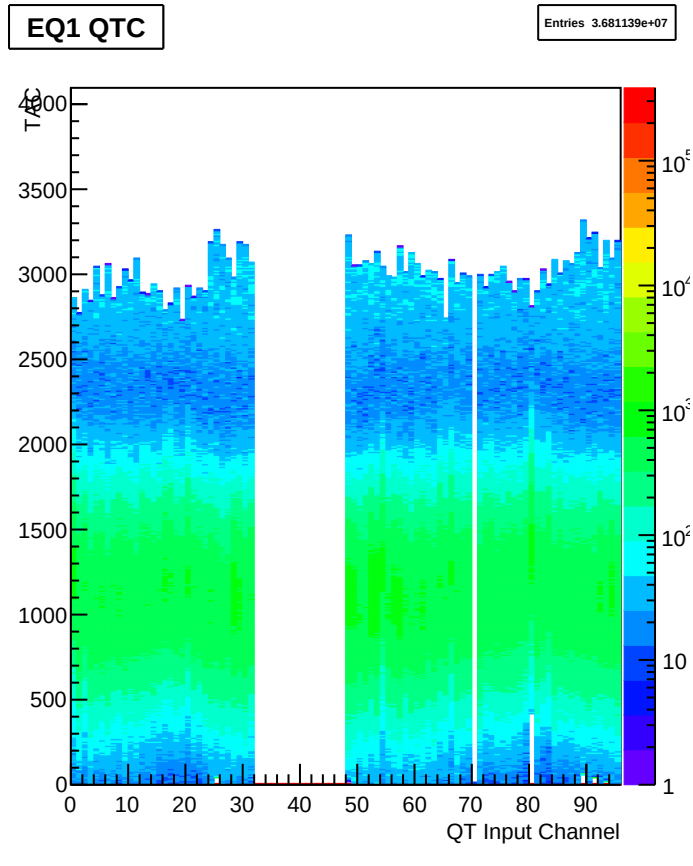

BBQ-VP002 West
Entries 6135232
ADC
QT Input Channel

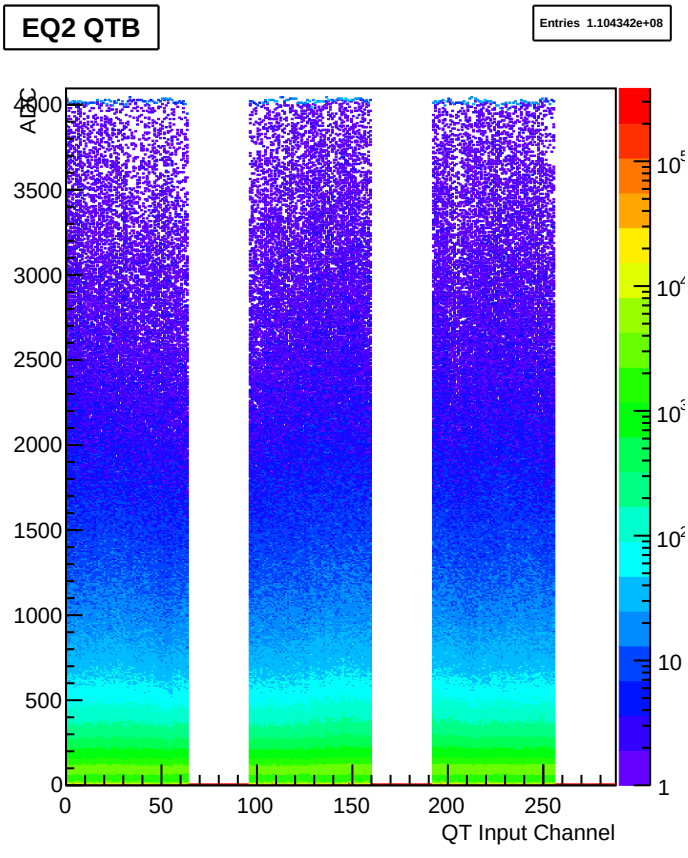

BBQ-VP002 West
Entries 6135232
ADC
QT Input Channel

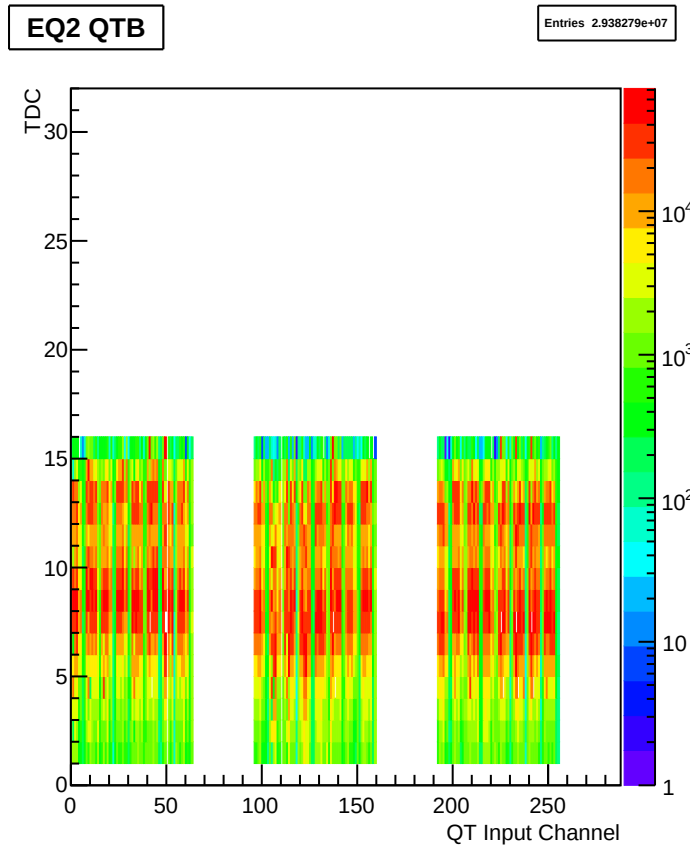

EQ1 QTB
Entries 1.104342e+08
ADC
QT Input Channel

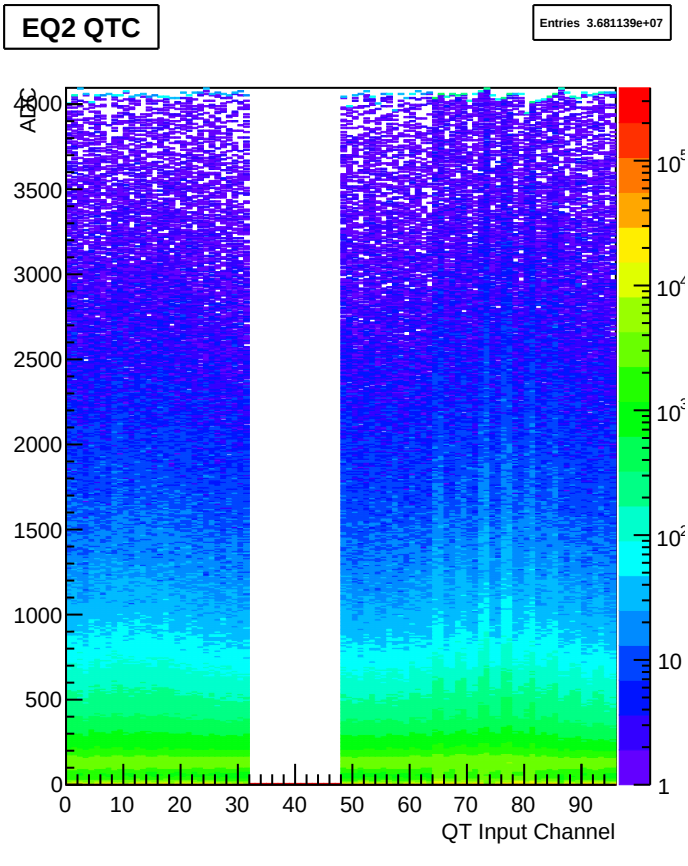

EQ1 QTB
Entries 3.836254e+07
TDC
QT Input Channel

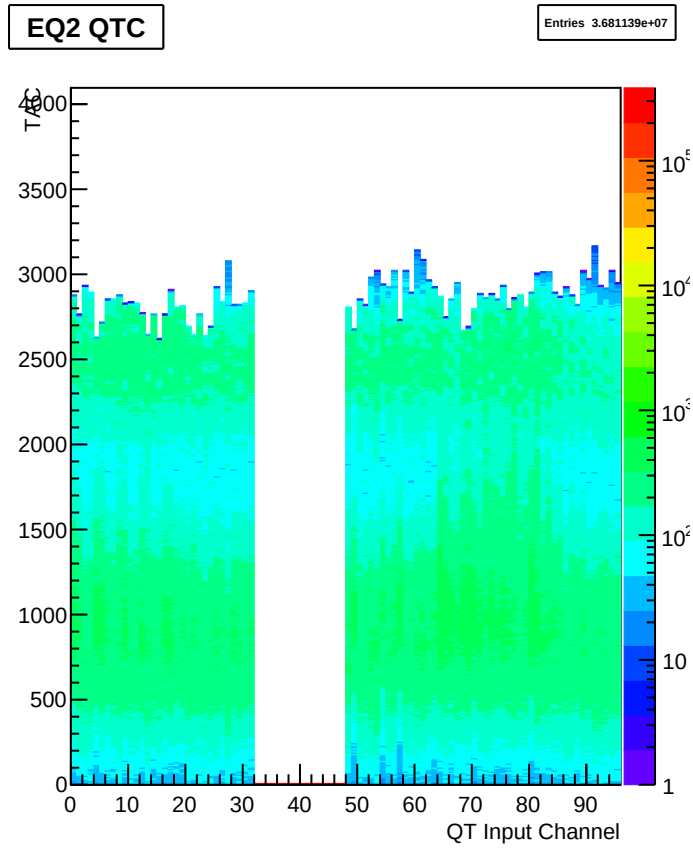

EQ1 QTC
Entries 3.681139e+07
ADC
QT Input Channel

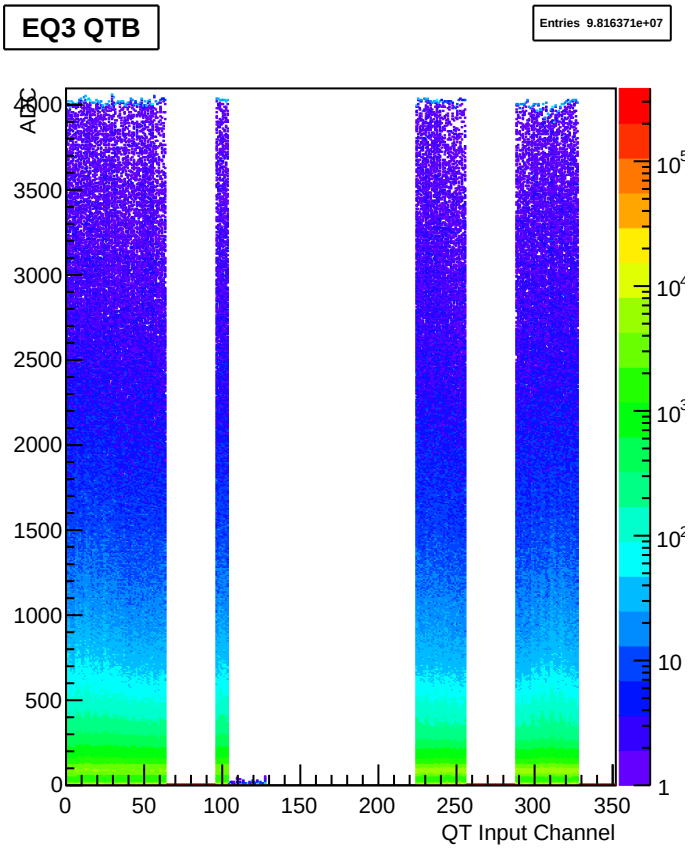

EQ1 QTC
Entries 3.681139e+07
TADC
QT Input Channel

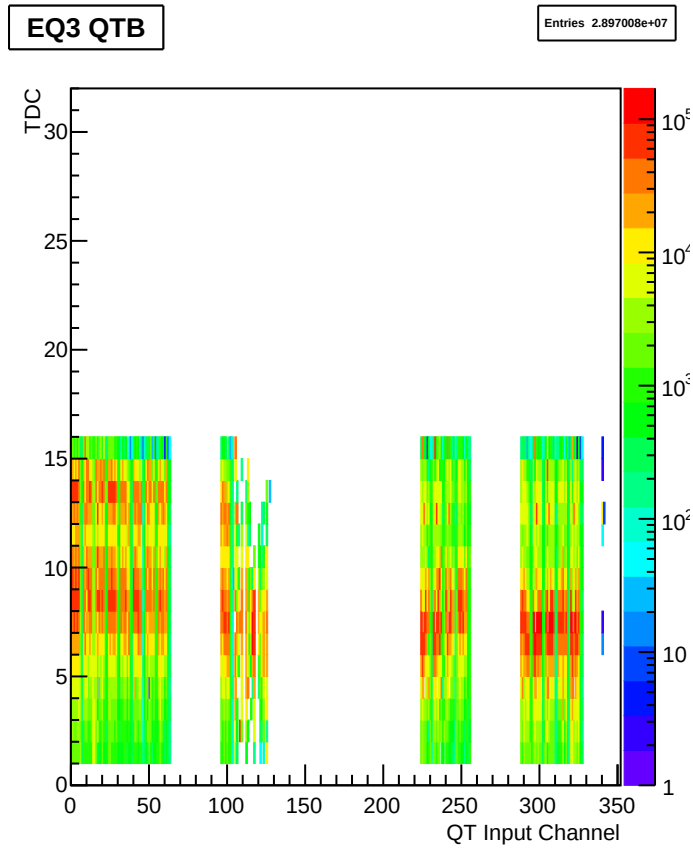

EQ2 QTB
Entries 1.104342e+08
ADC
QT Input Channel

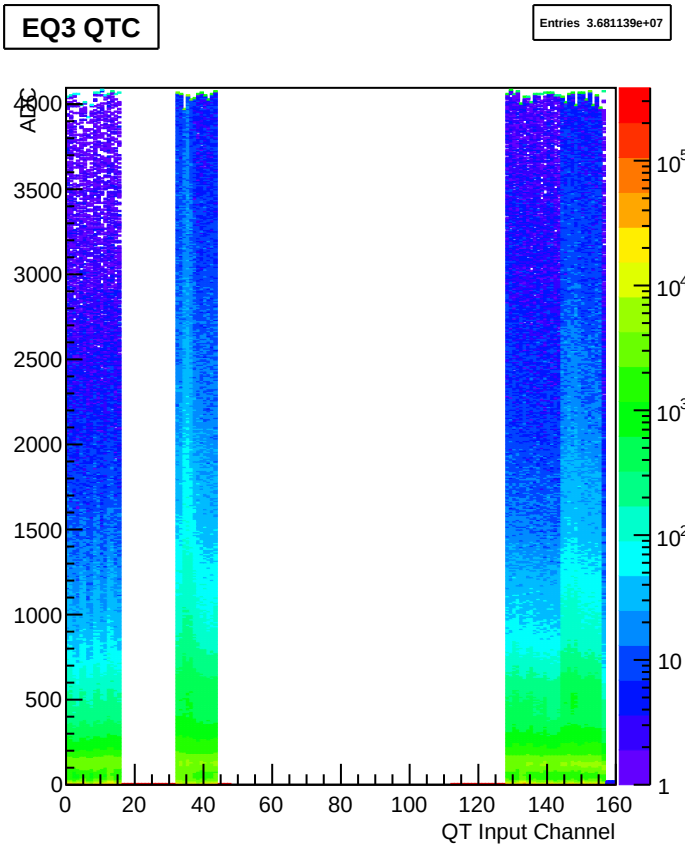

EQ2 QTB
Entries 2.938279e+07
TDC
QT Input Channel

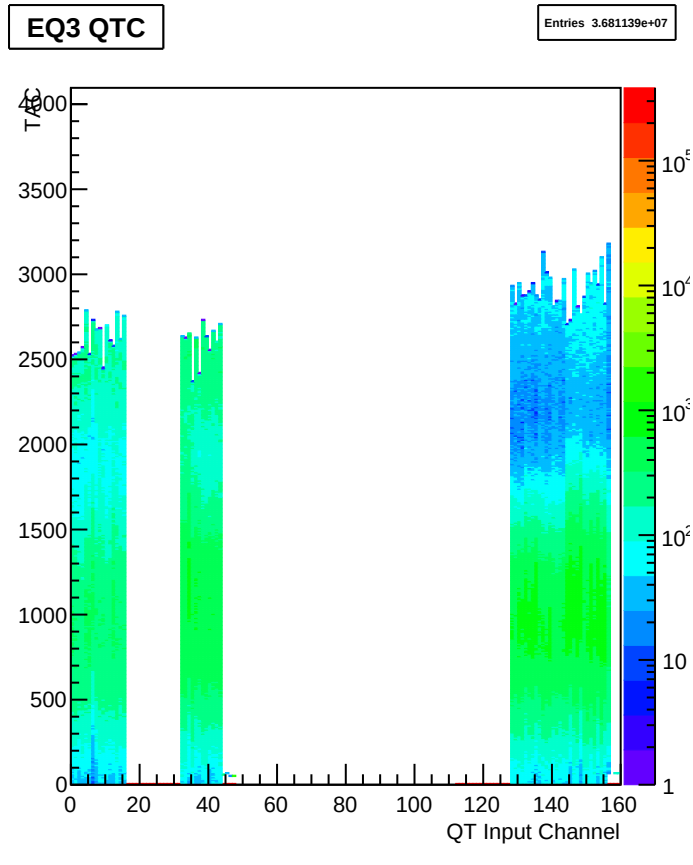

EQ2 QTC
Entries 3.681139e+07
ADC
QT Input Channel

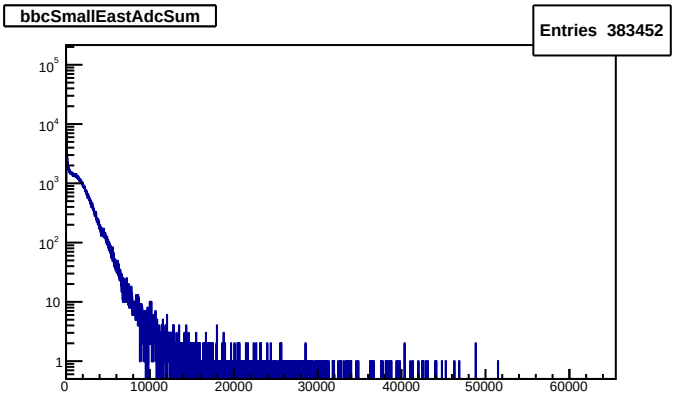

EQ2 QTC
Entries 3.681139e+07
TADC
QT Input Channel

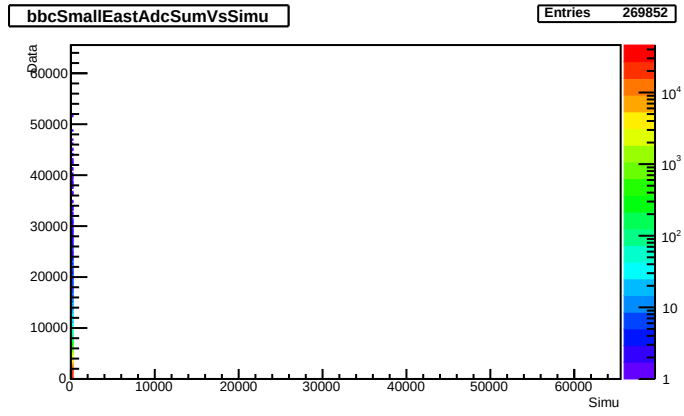

EQ3 QTB
Entries 9.816371e+07
ADC
QT Input Channel

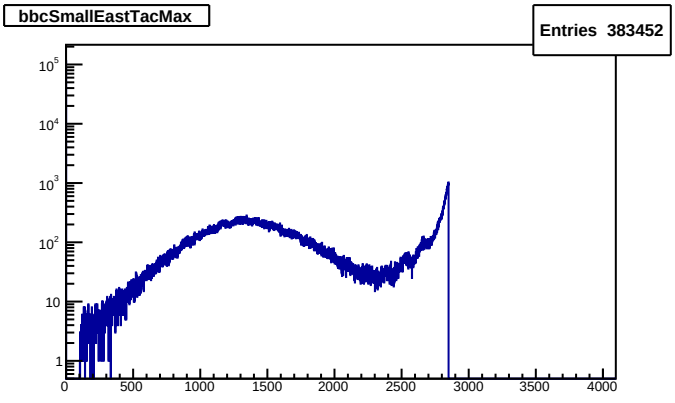

EQ3 QTB
Entries 2.897008e+07
TDC
QT Input Channel

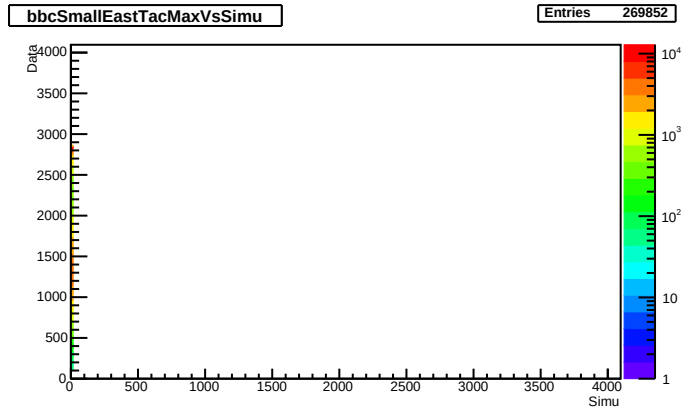

EQ3 QTC
Entries 3.681139e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.681139e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 383452


bbcSmallEastAdcSumVsSimu
Entries 269852
Data
Simu


bbcSmallEastTacMax
Entries 383452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Entries 269852
Data
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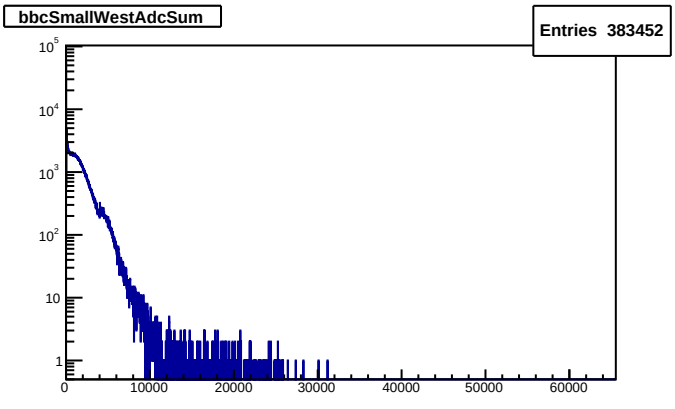
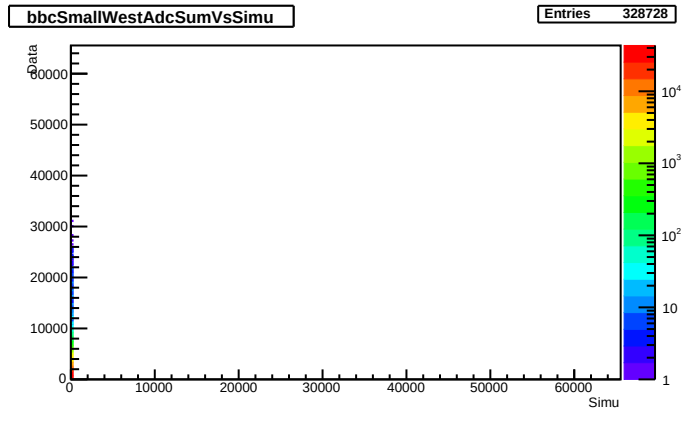
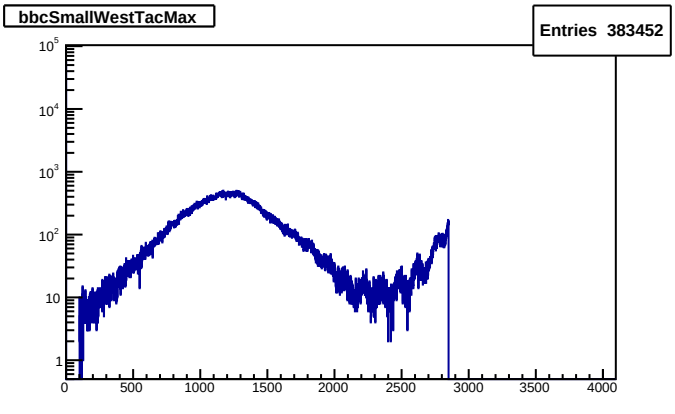
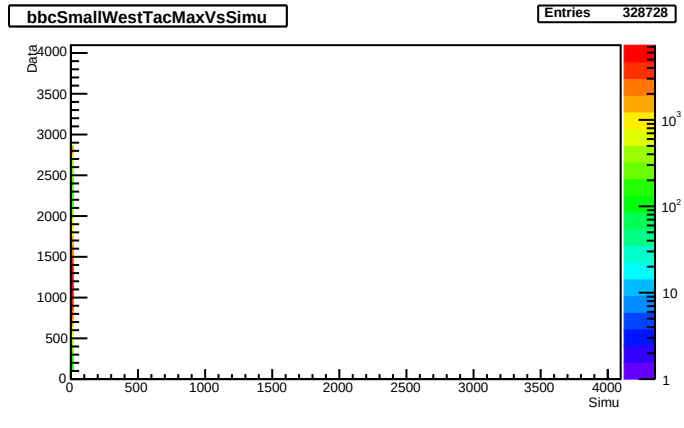
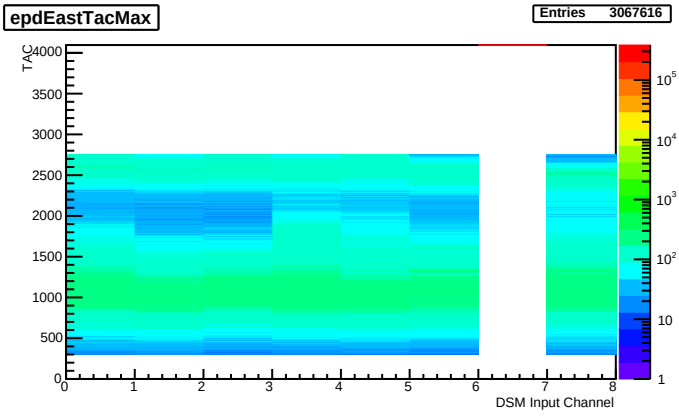
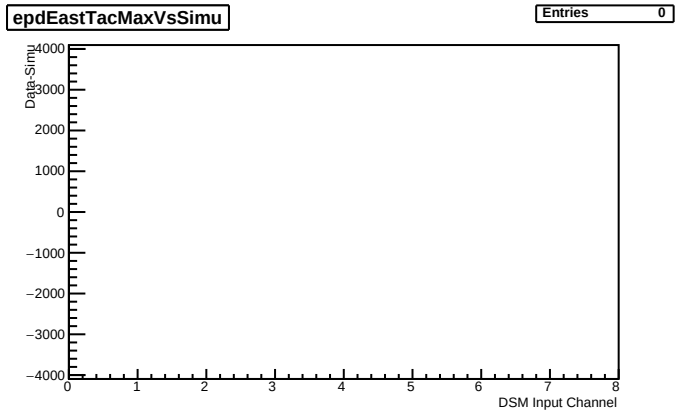

bbcSmallWestAdcSum
Entries 383452


bbcSmallWestAdcSumVsSimu
Entries 328728
Data
Simu


bbcSmallWestTacMax
Entries 383452


bbcSmallWestTacMaxVsSimu
Entries 328728
Data
Simu


epdEastTacMax
Entries 3067616
TAC
DSM Input Channel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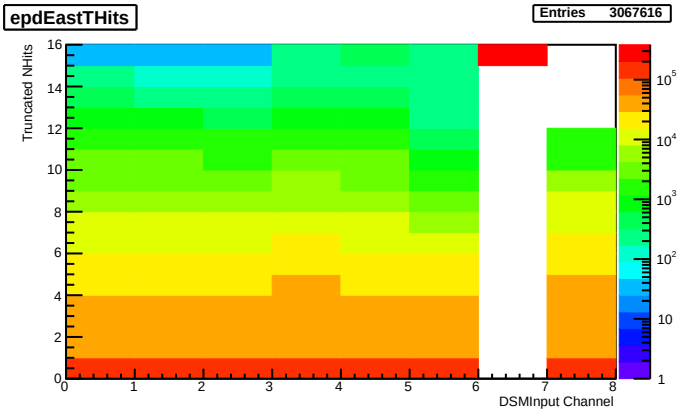
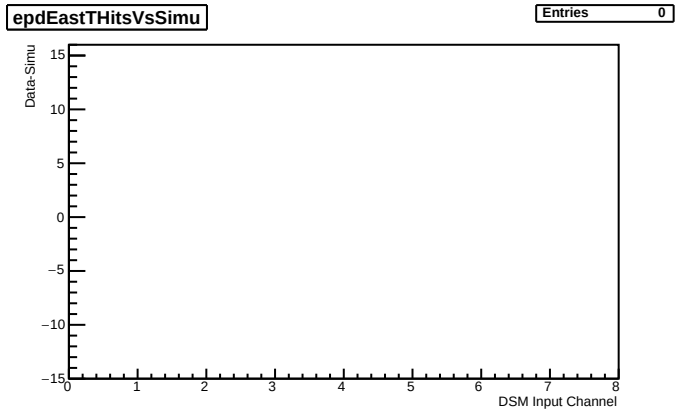
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3067616
Truncated NHits
DSMInput Channel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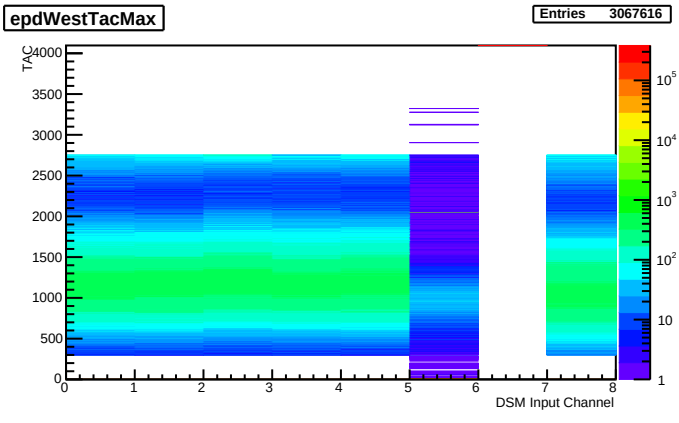
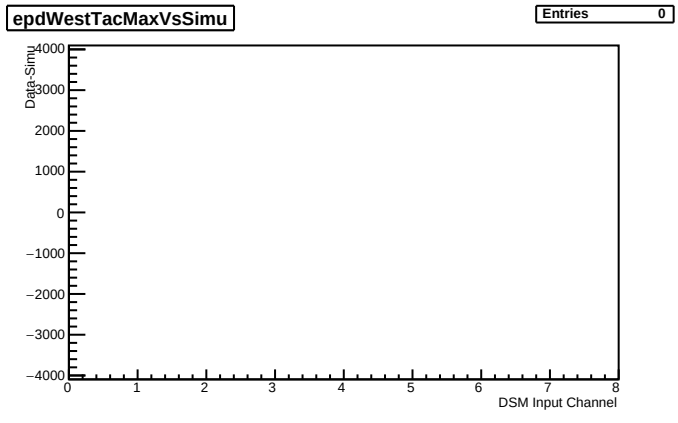
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3067616
TAC
DSM Input Channel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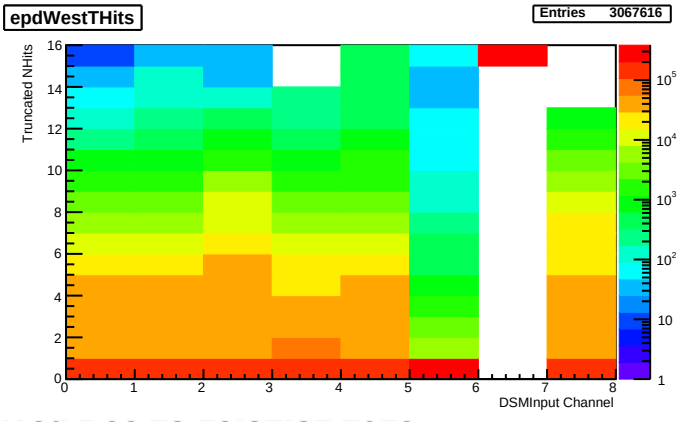
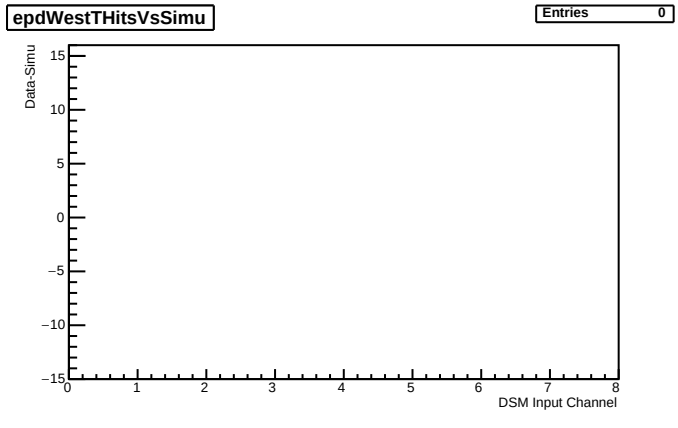
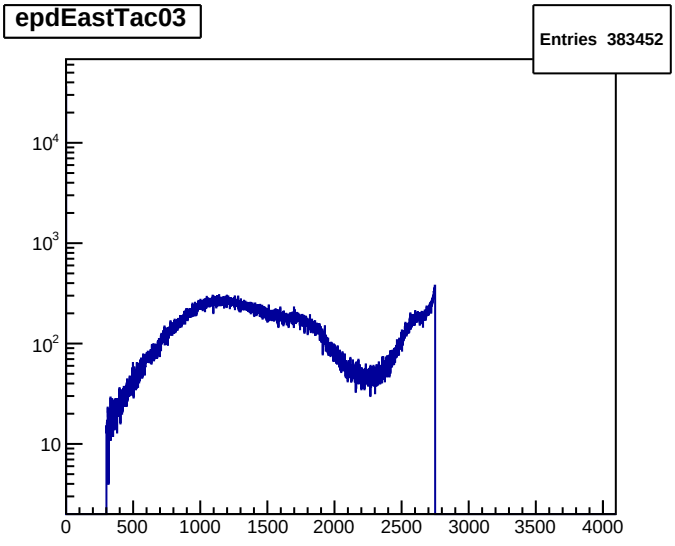
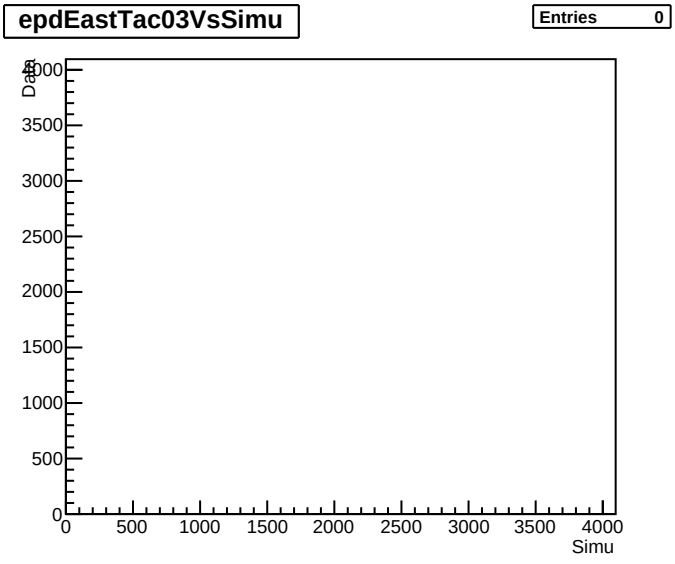
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3067616
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 383452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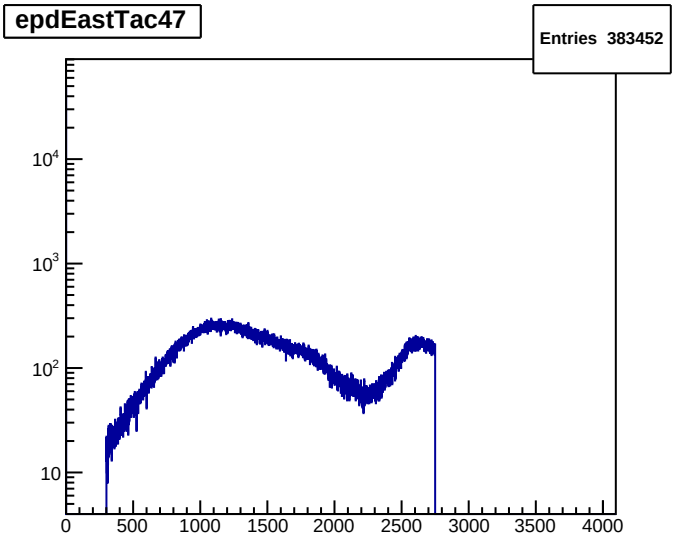
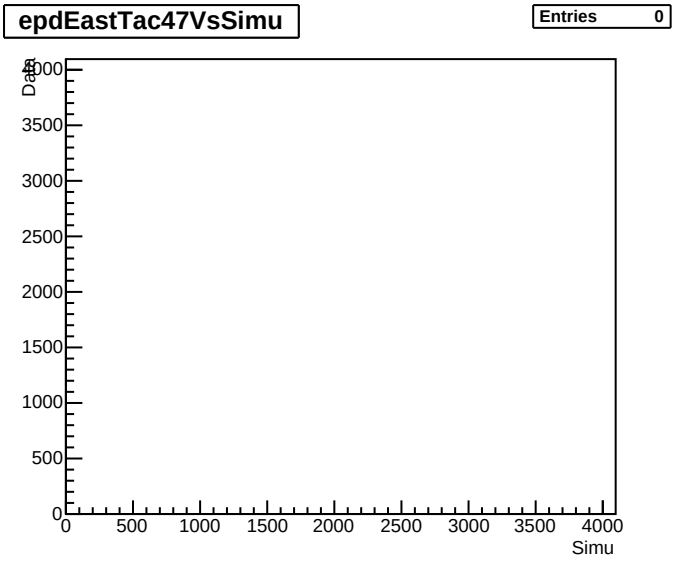
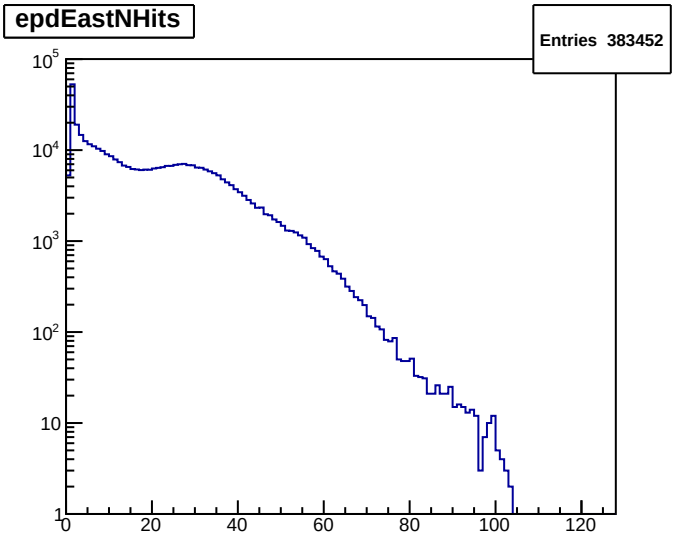
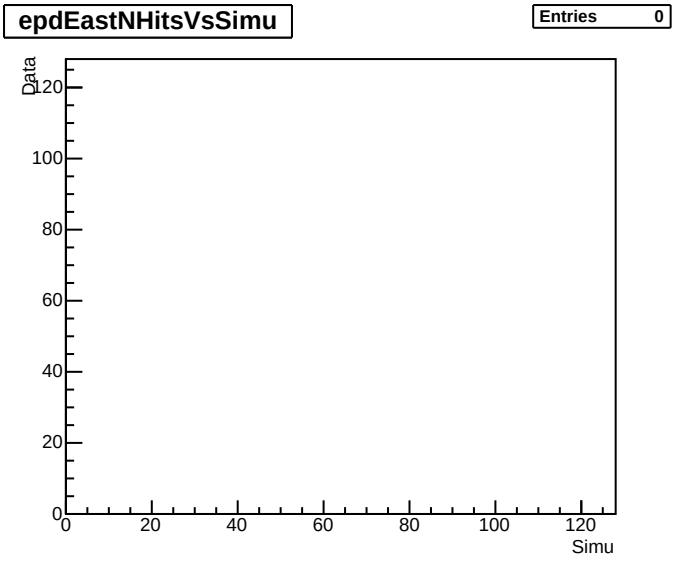
Entries 0
Data
Simu


epdEastTac47
Entries 383452


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 383452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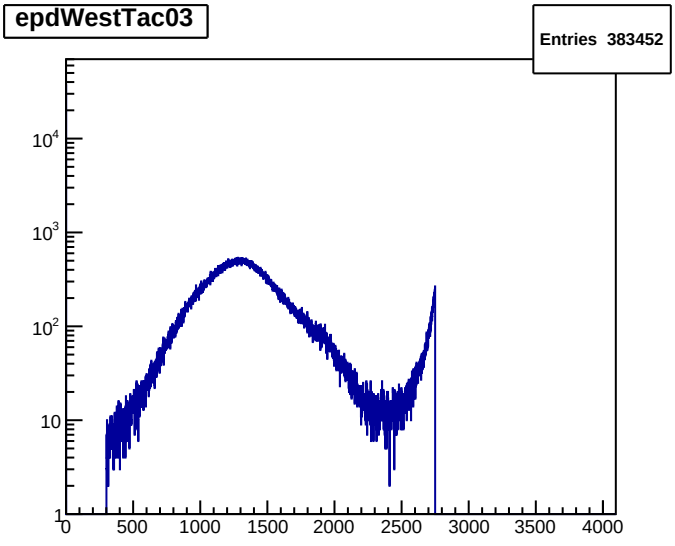
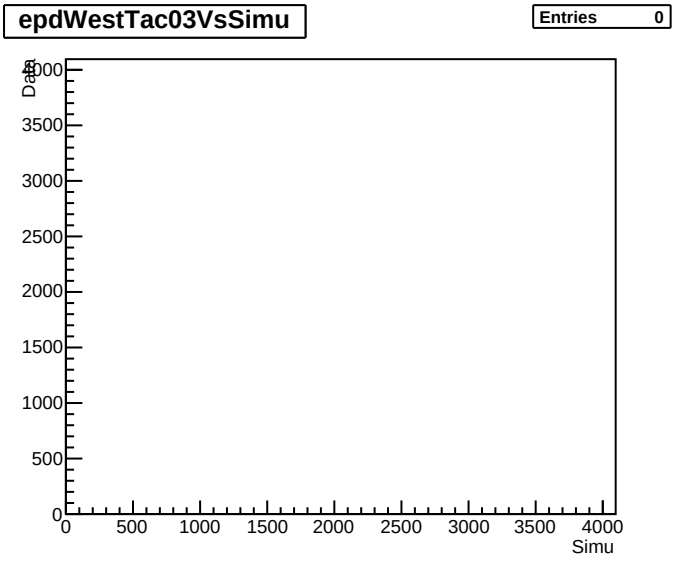
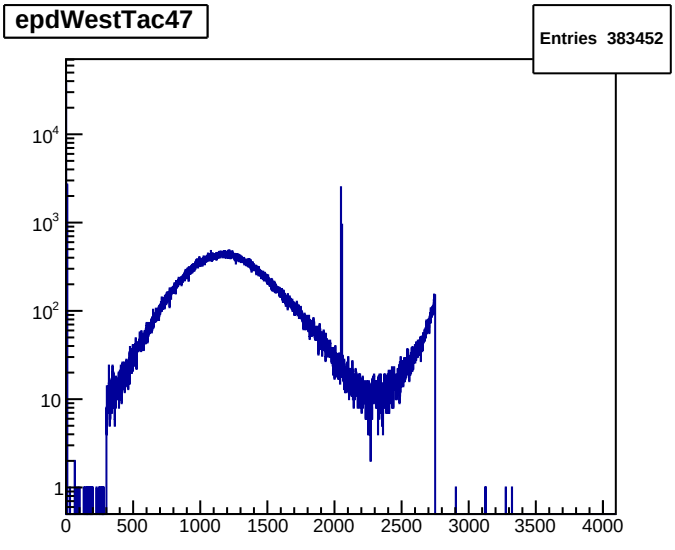
Entries 0
Data
Simu


epdWestTac03
Entries 383452


epdWestTac03VsSimu
Entries 0
Data
Simu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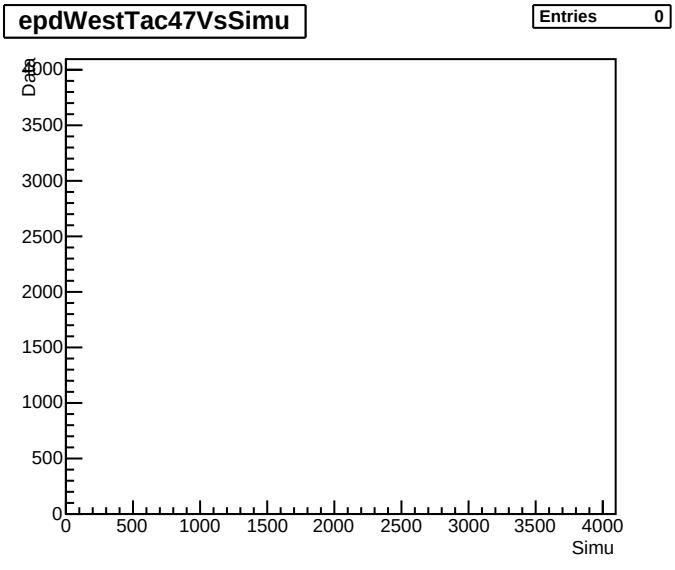
Entries 383452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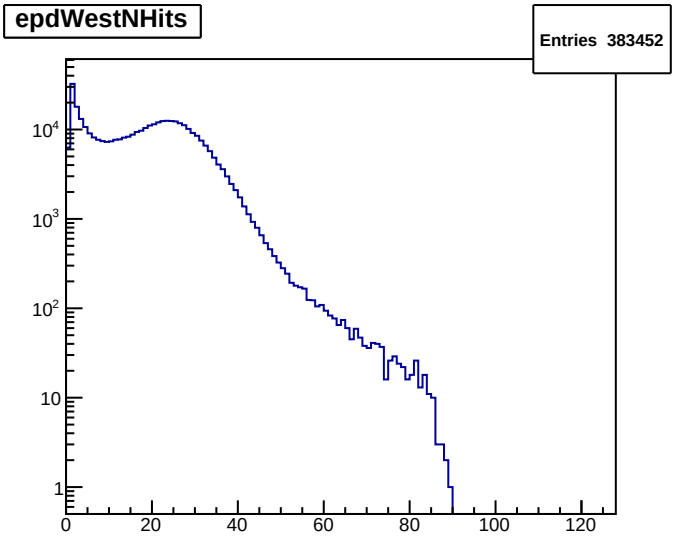
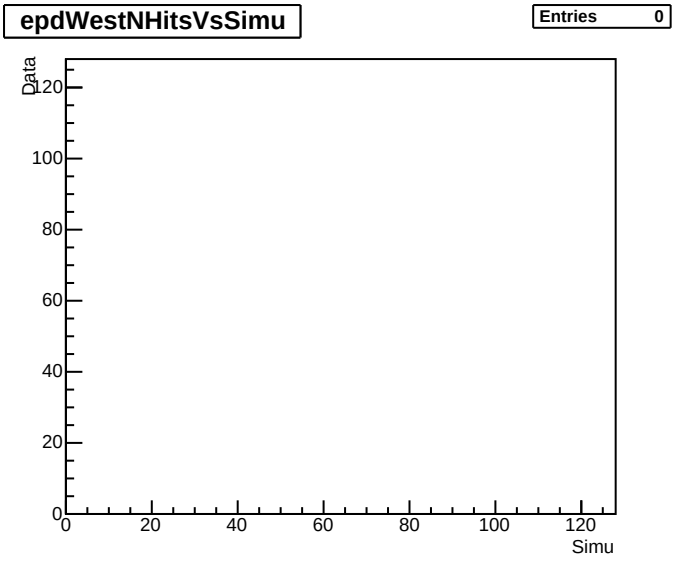
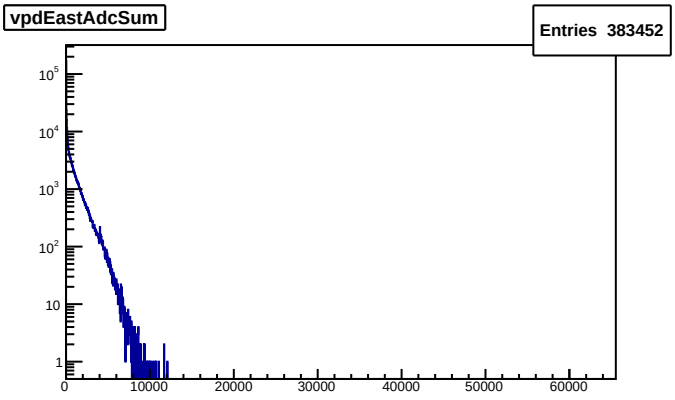
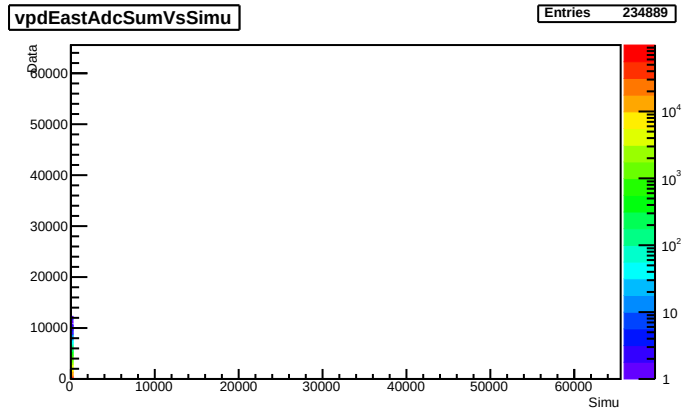
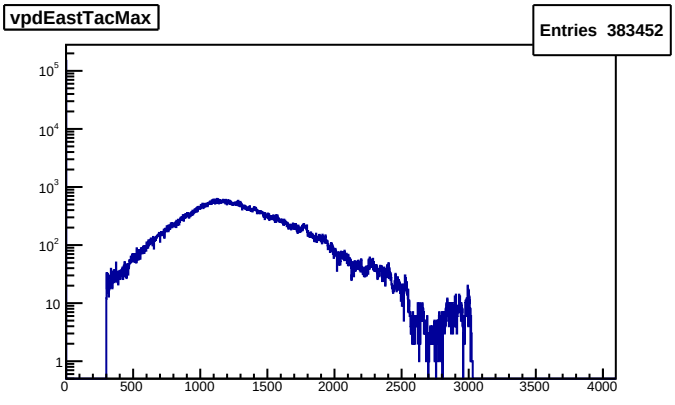
Entries 0
Data
Simu

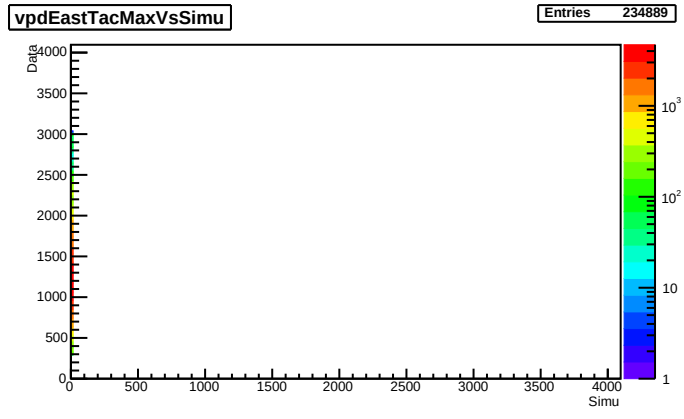

epdWestNHits
Entries 383452

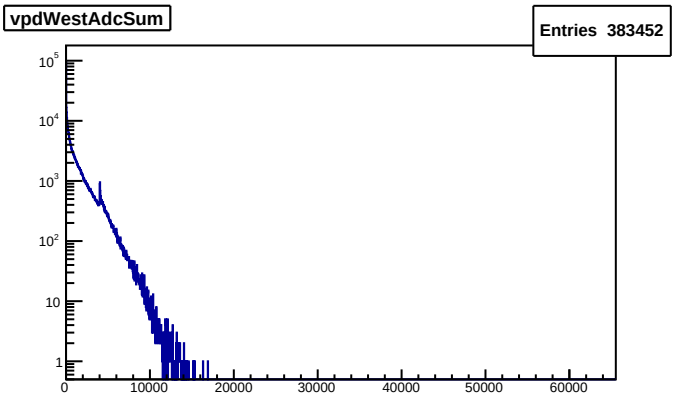

epdWestNHitsVsSimu
Entries 0
Data
Simu

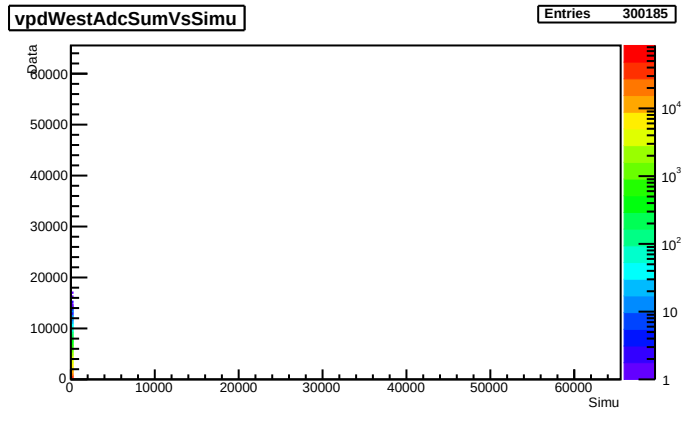

vpdEastAdcSum
Entries 383452

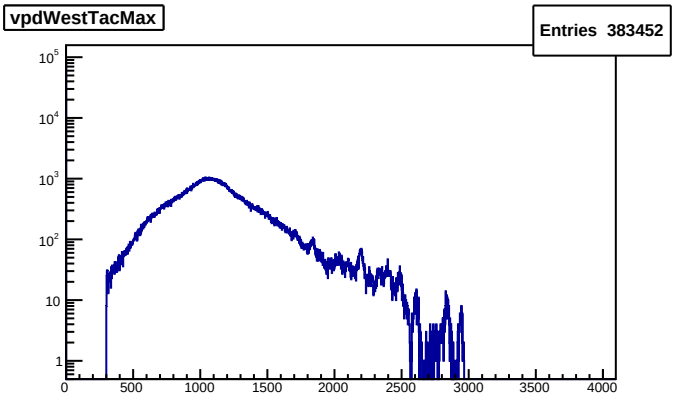

vpdEastAdcSumVsSimu
Entries 234889
Data
Simu

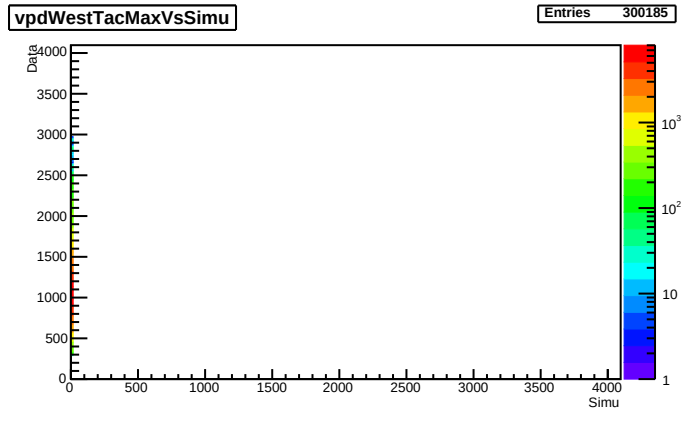

vpdEastTacMax
Entries 383452

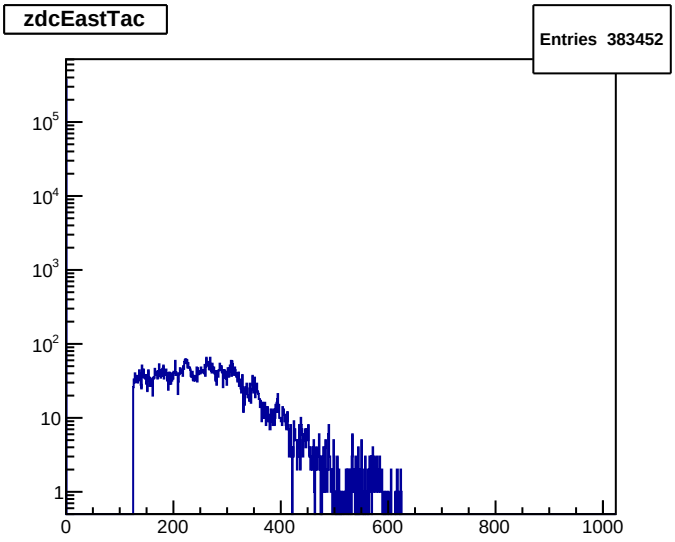

vpdEastTacMaxVsSimu
Entries 234889
Data
Simu

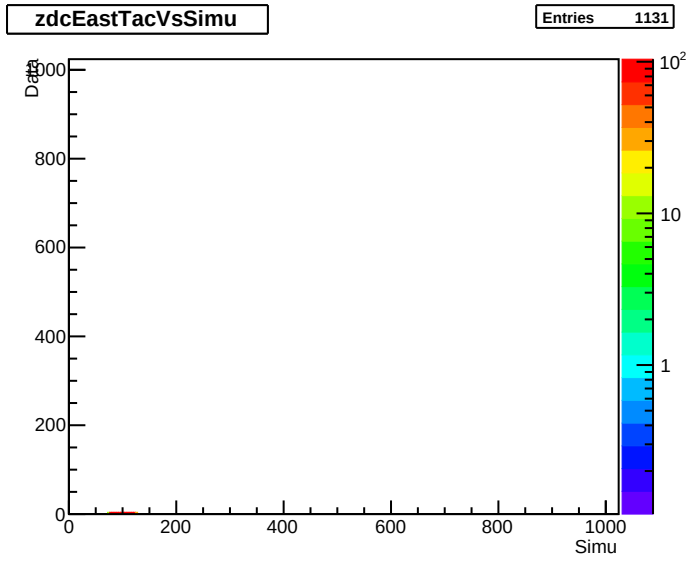

vpdWestAdcSum
Entries 383452

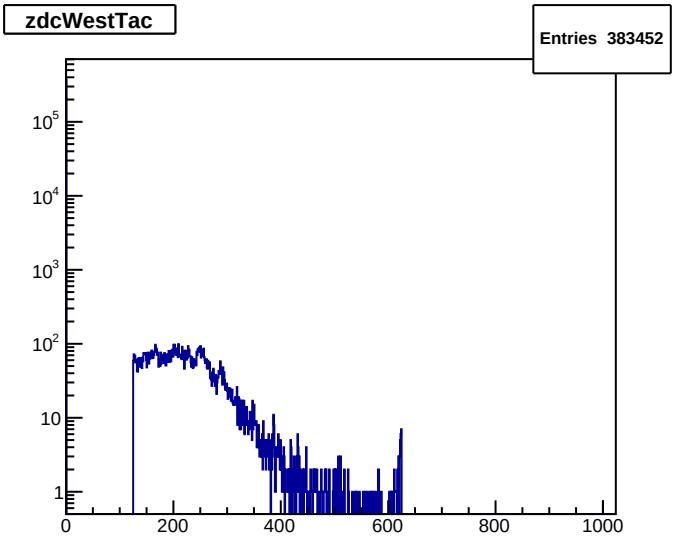

vpdWestAdcSumVsSimu
Entries 300185
Data
Simu

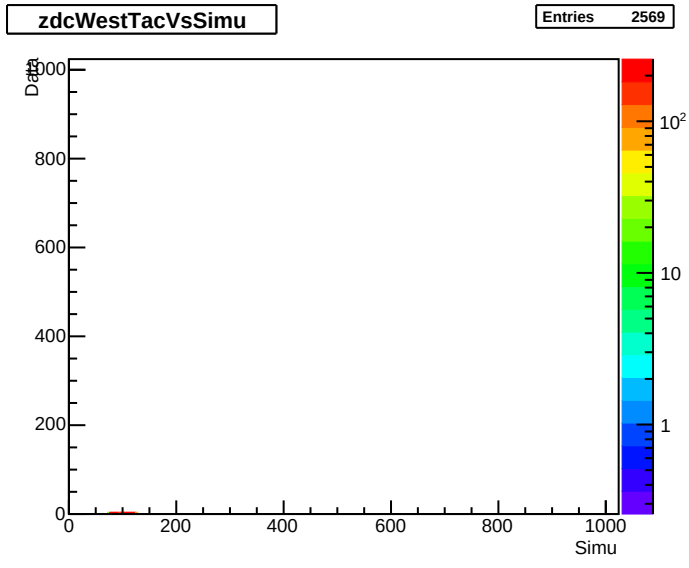

vpdWestTacMax
Entries 383452

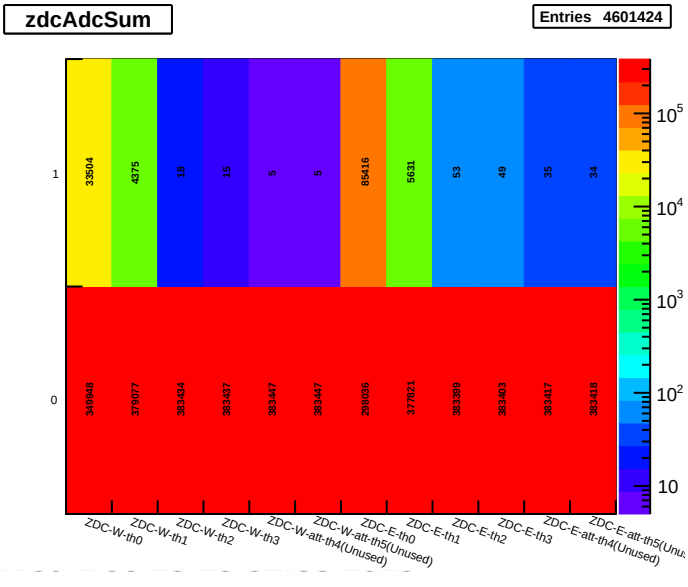

vpdWestTacMaxVsSimu
Entries 300185
Data
Simu

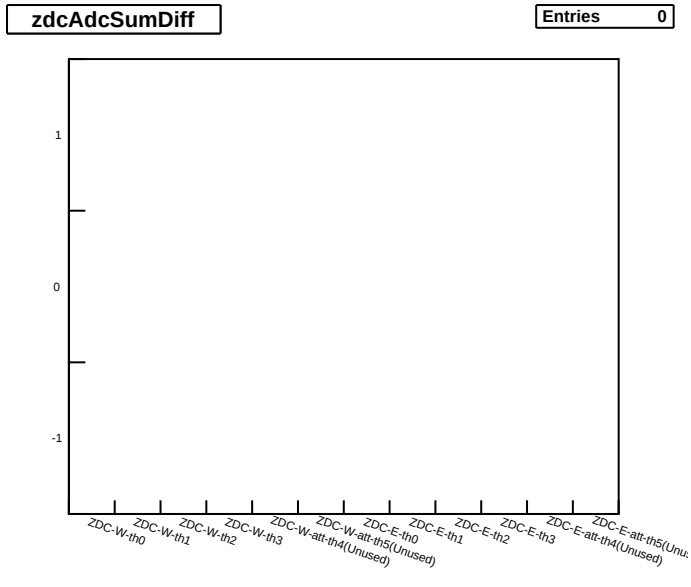

zdcEastTac
Entries 383452


zdcEastTacVsSimu
Entries 1131
Data
Simu


zdcWestTac
Entries 383452


zdcWestTacVsSimu
Entries 2569
Data
Simu


zdcAdcSum
Entries 4601424
33504
4375
18
15
5
5
85416
5631
53
49
35
34
349948
379077
383434
383437
383447
383447
298036
377821
383399
383403
383417
383418
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)
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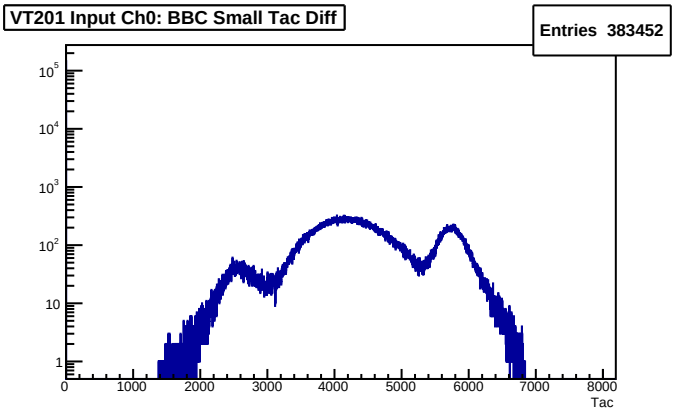
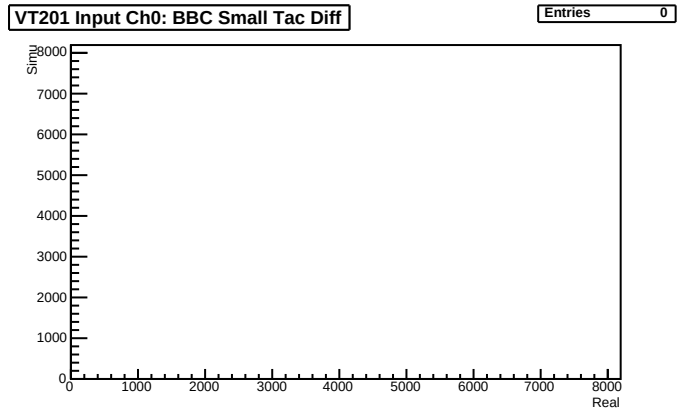
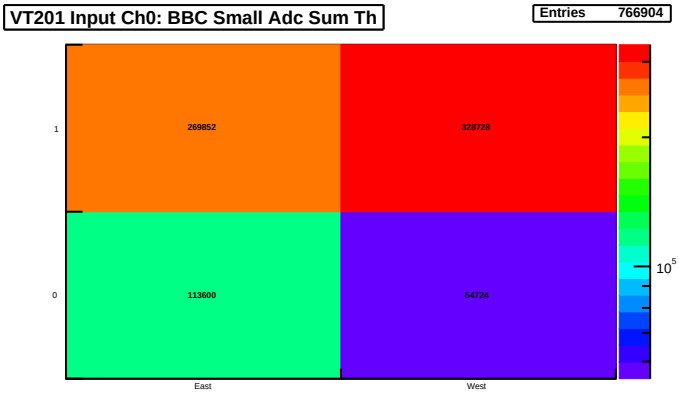
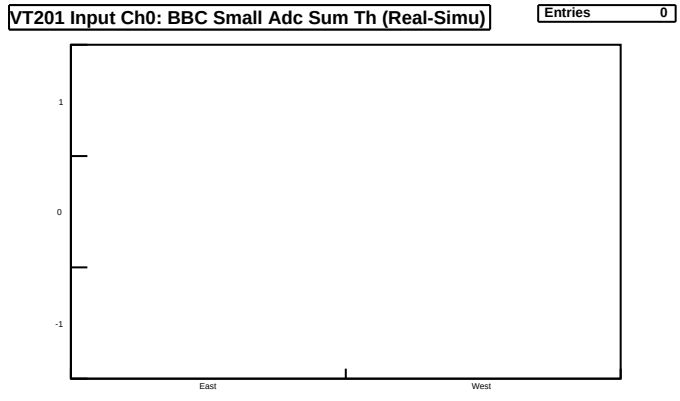
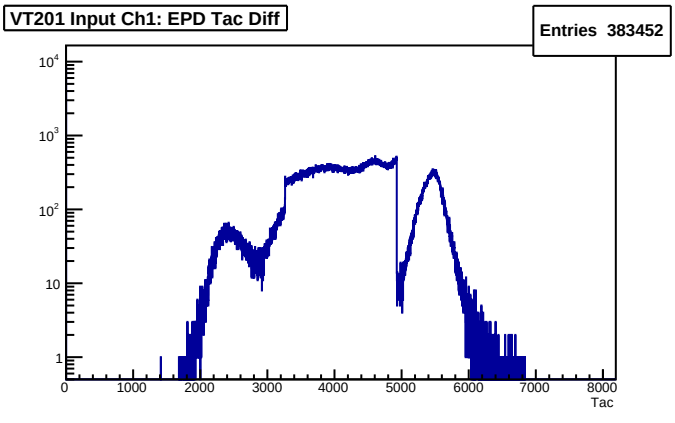
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

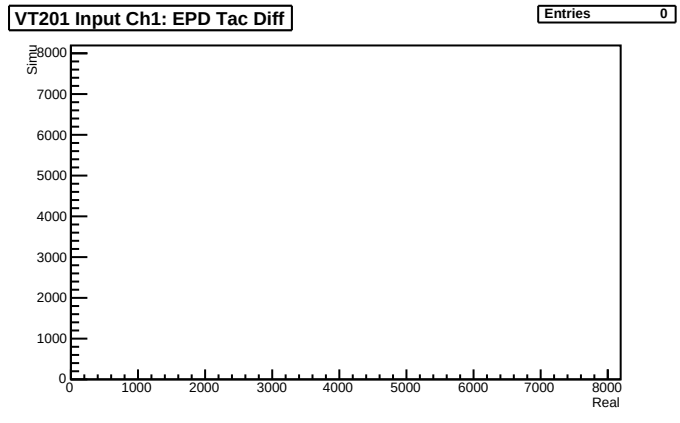

VT201 Input Ch0: BBC Small Tac Diff
Entries 383452
Tac

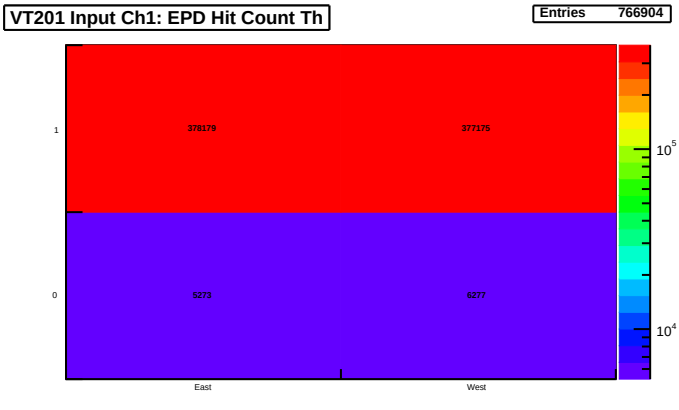

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

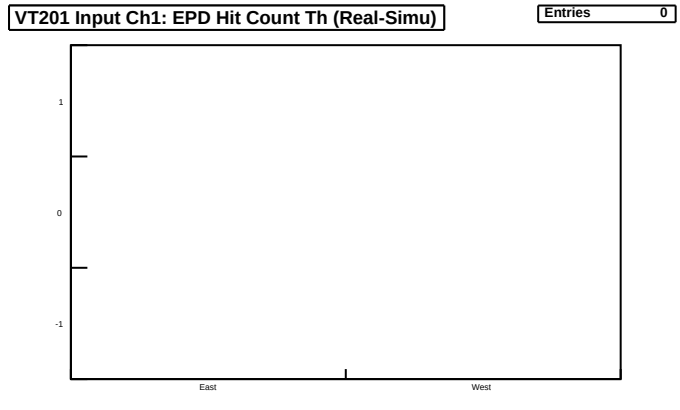

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 766904
269852
328728
113600
54724
East
West

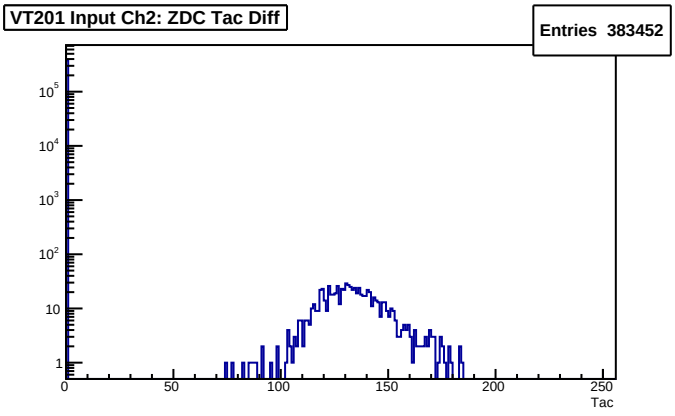

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

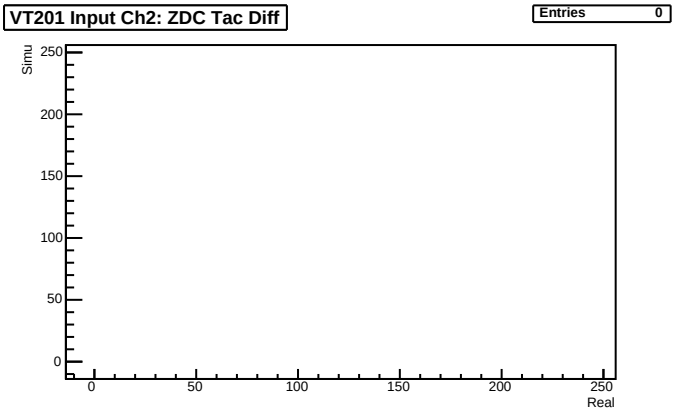

VT201 Input Ch1: EPD Tac Diff
Entries 383452
Tac

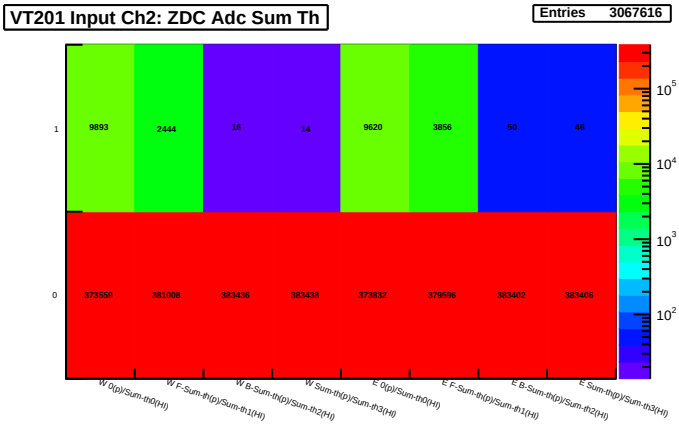

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

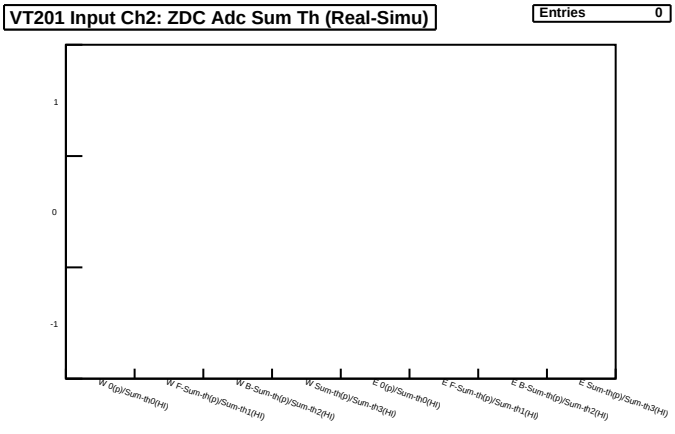

VT201 Input Ch1: EPD Hit Count Th
Entries 766904
378179
377175
5273
6277
East
West

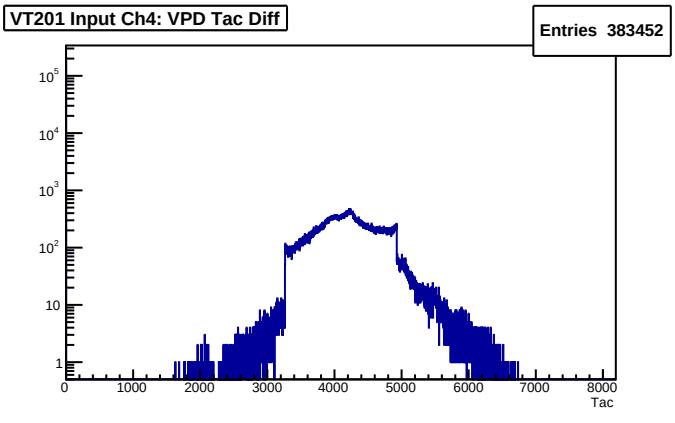

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

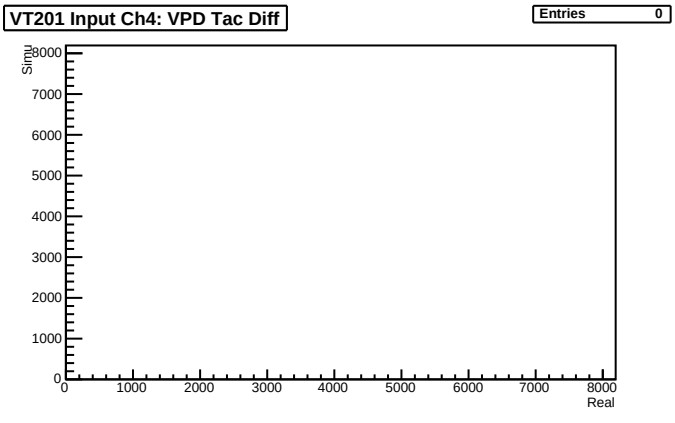

VT201 Input Ch2: ZDC Tac Diff
Entries 383452
Tac

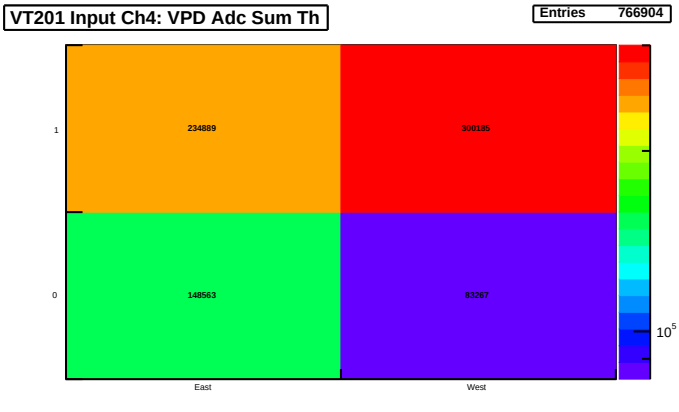

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

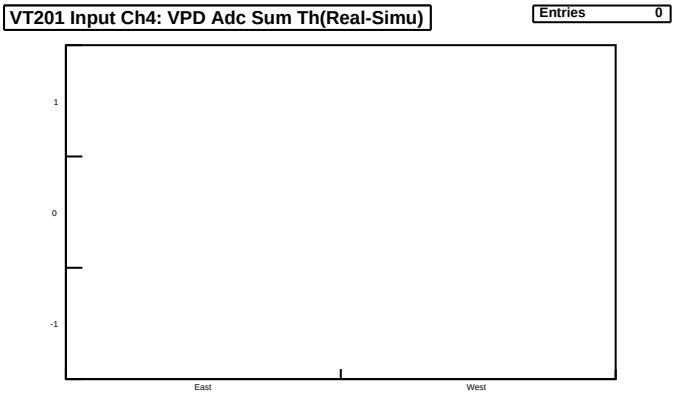

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3067616
9893
2444
16
14
9620
3856
50
46
373559
381008
383436
383438
373832
379596
383402
383406
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

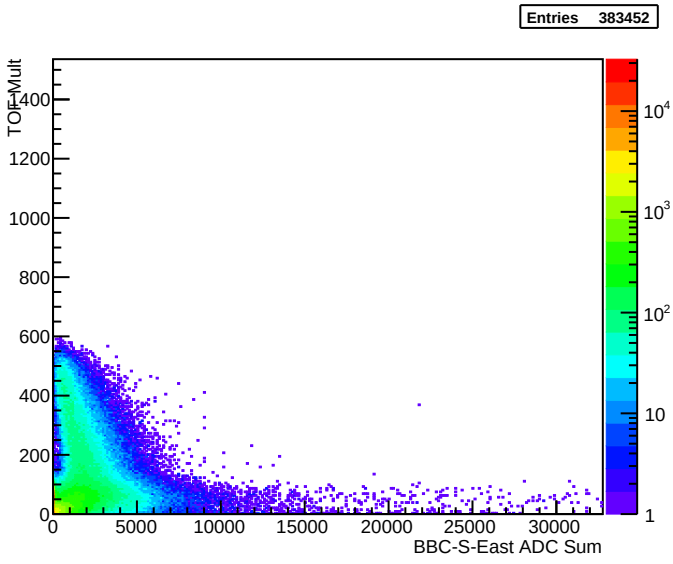

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

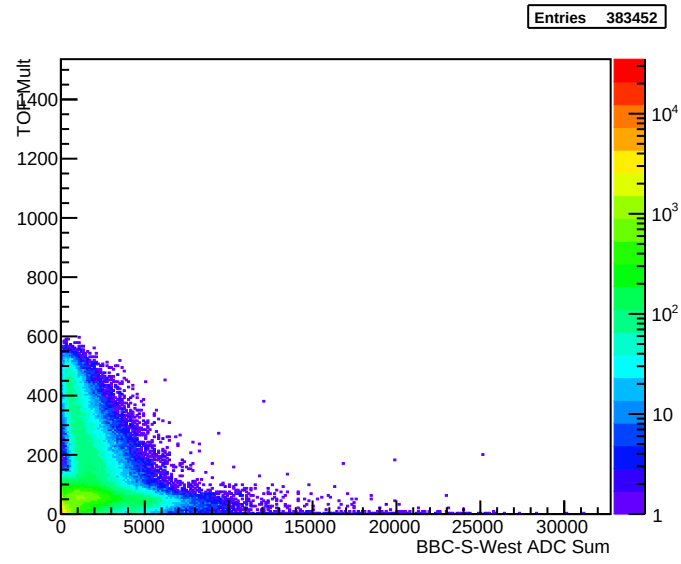

VT201 Input Ch4: VPD Tac Diff
Entries 383452
Tac

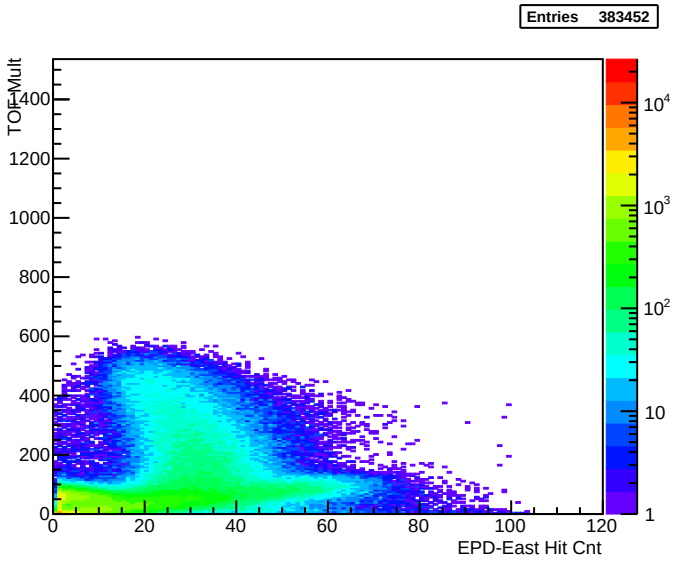

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

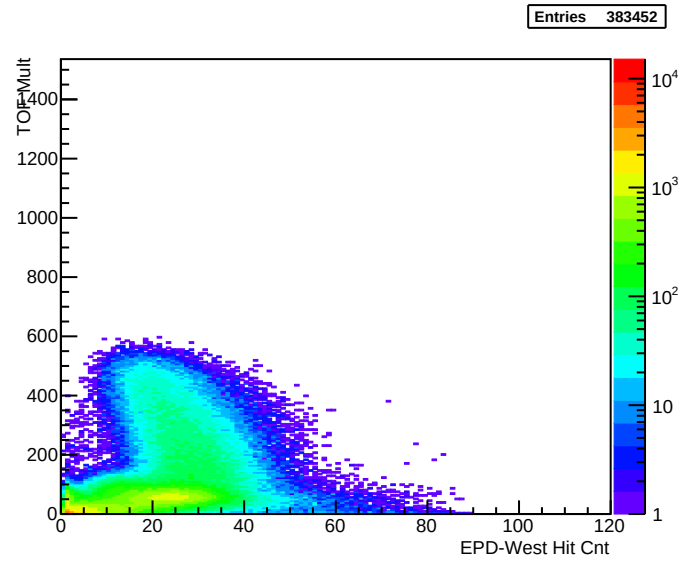

VT201 Input Ch4: VPD Adc Sum Th
Entries 766904
234889
300185
148563
83267
East
West

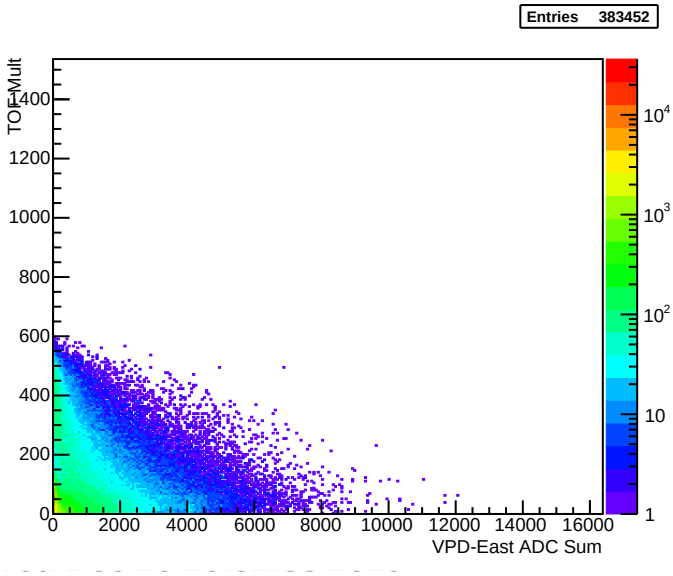

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

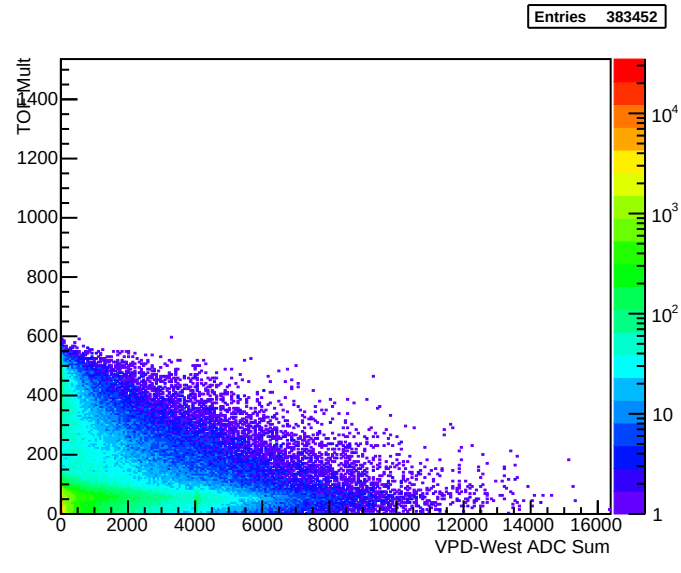

Entries 383452
TOF-Mult
BBC-S-East ADC Sum

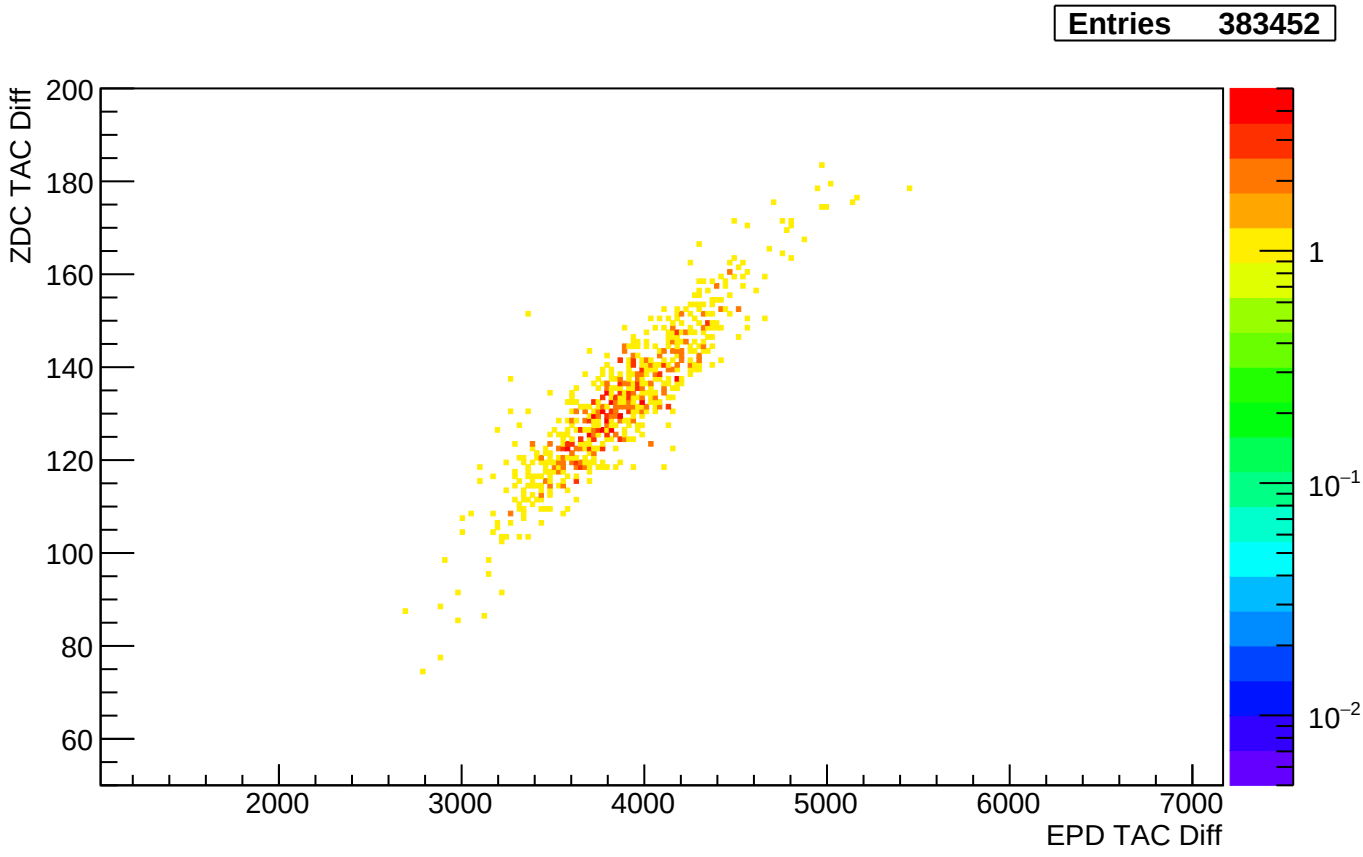

Entries 383452
TOF-Mult
BBC-S-West ADC Sum

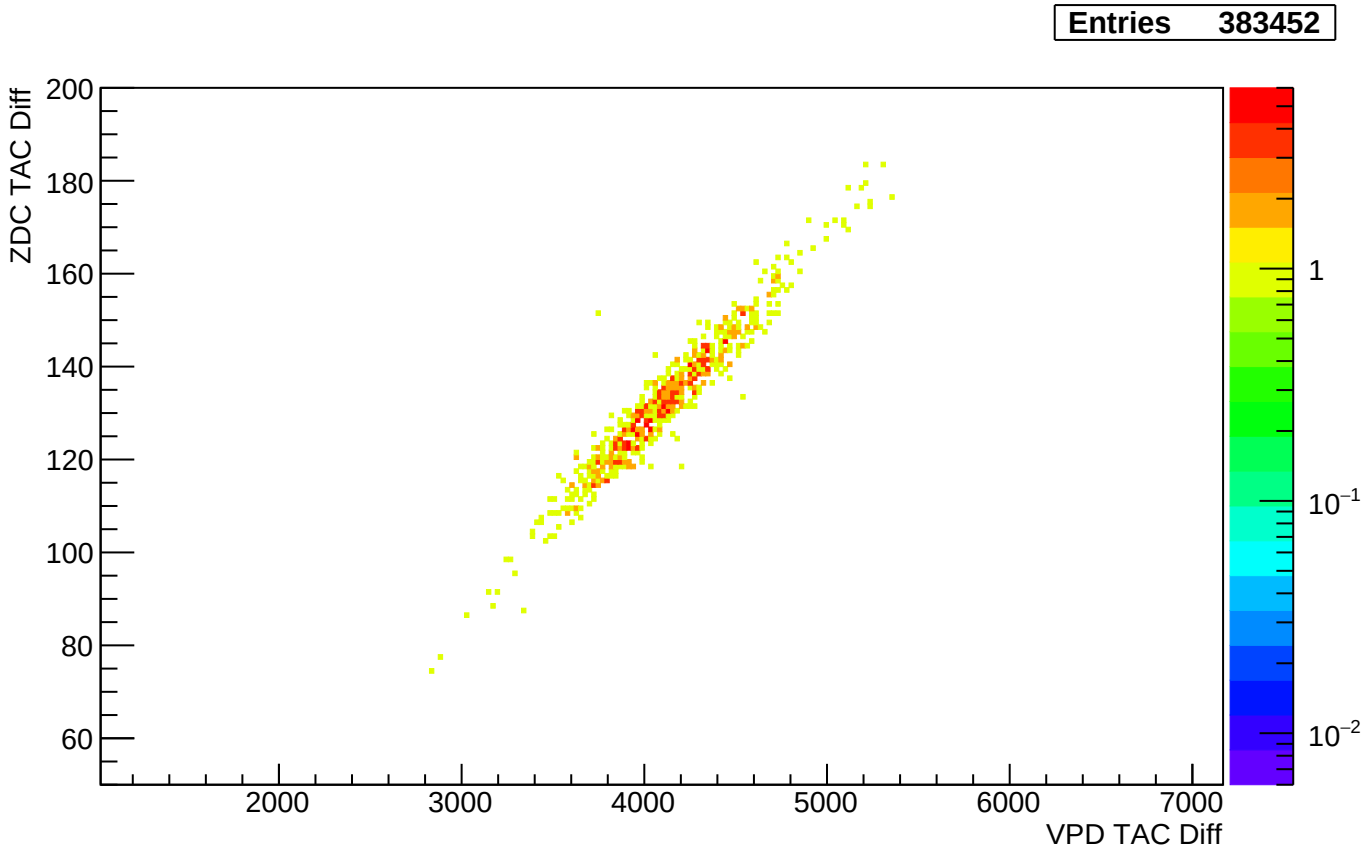

Entries 383452
TOF-Mult
EPD-East Hit Cnt

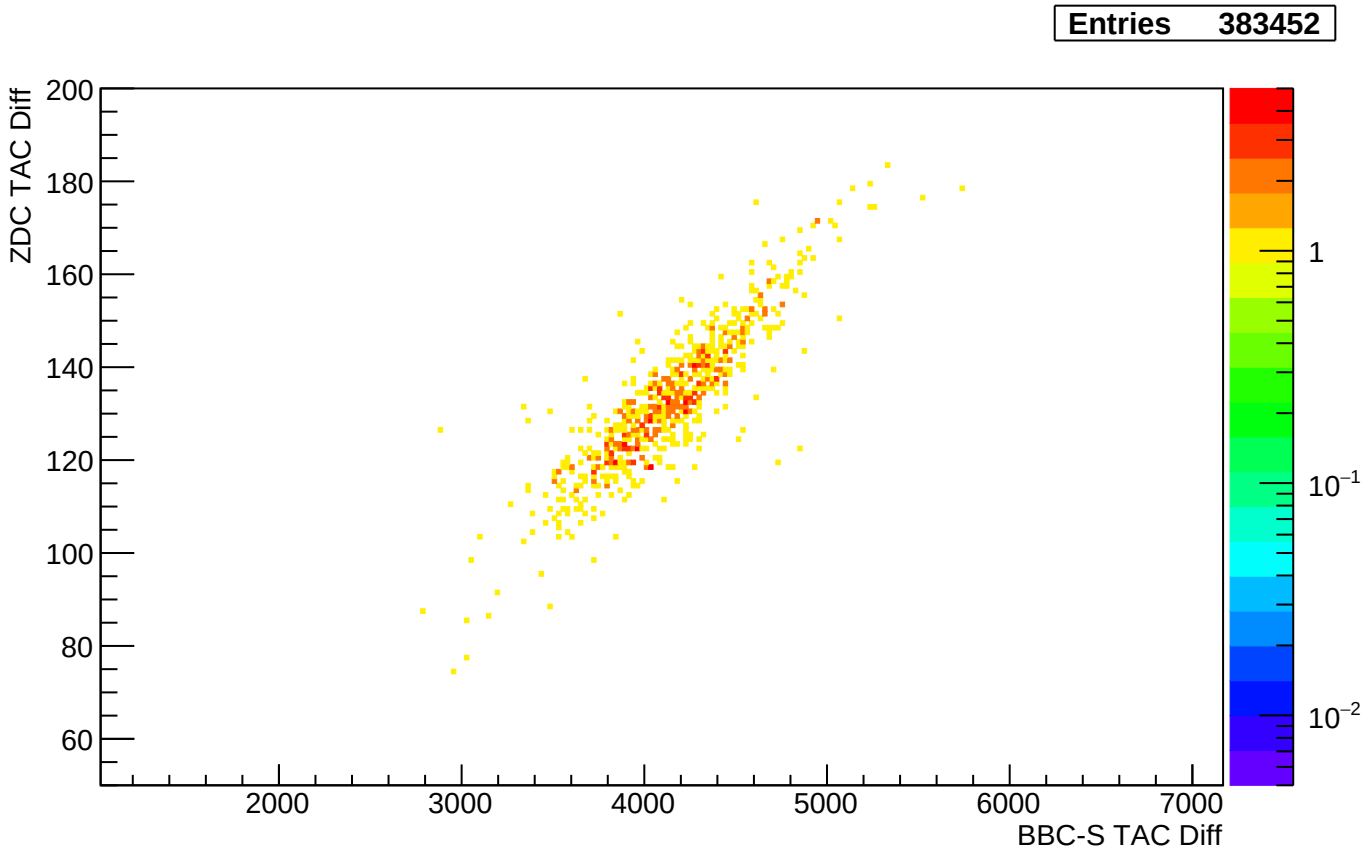

Entries 383452
TOF-Mult
EPD-West Hit Cnt

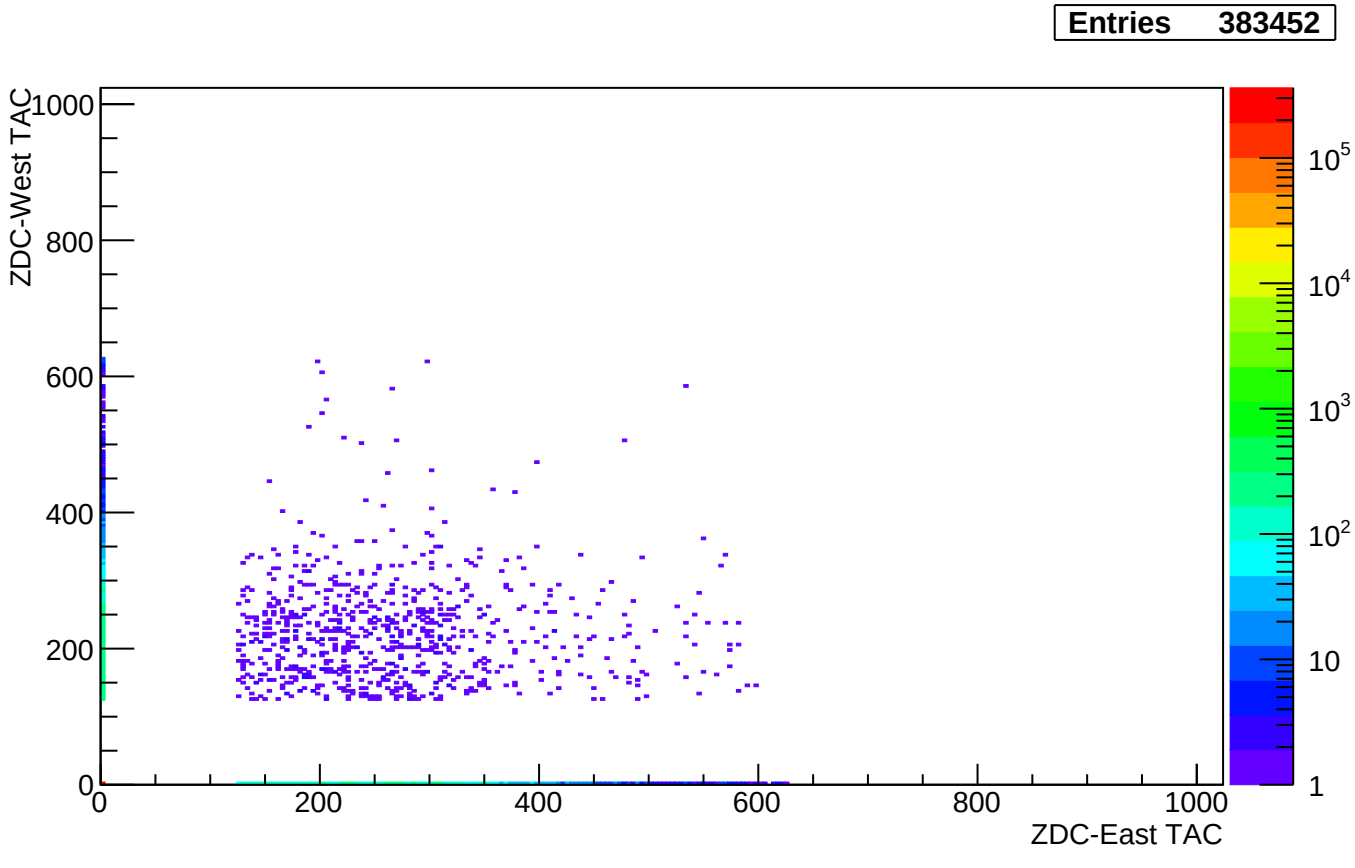

Entries 383452
TOF-Mult
VPD-East ADC Sum

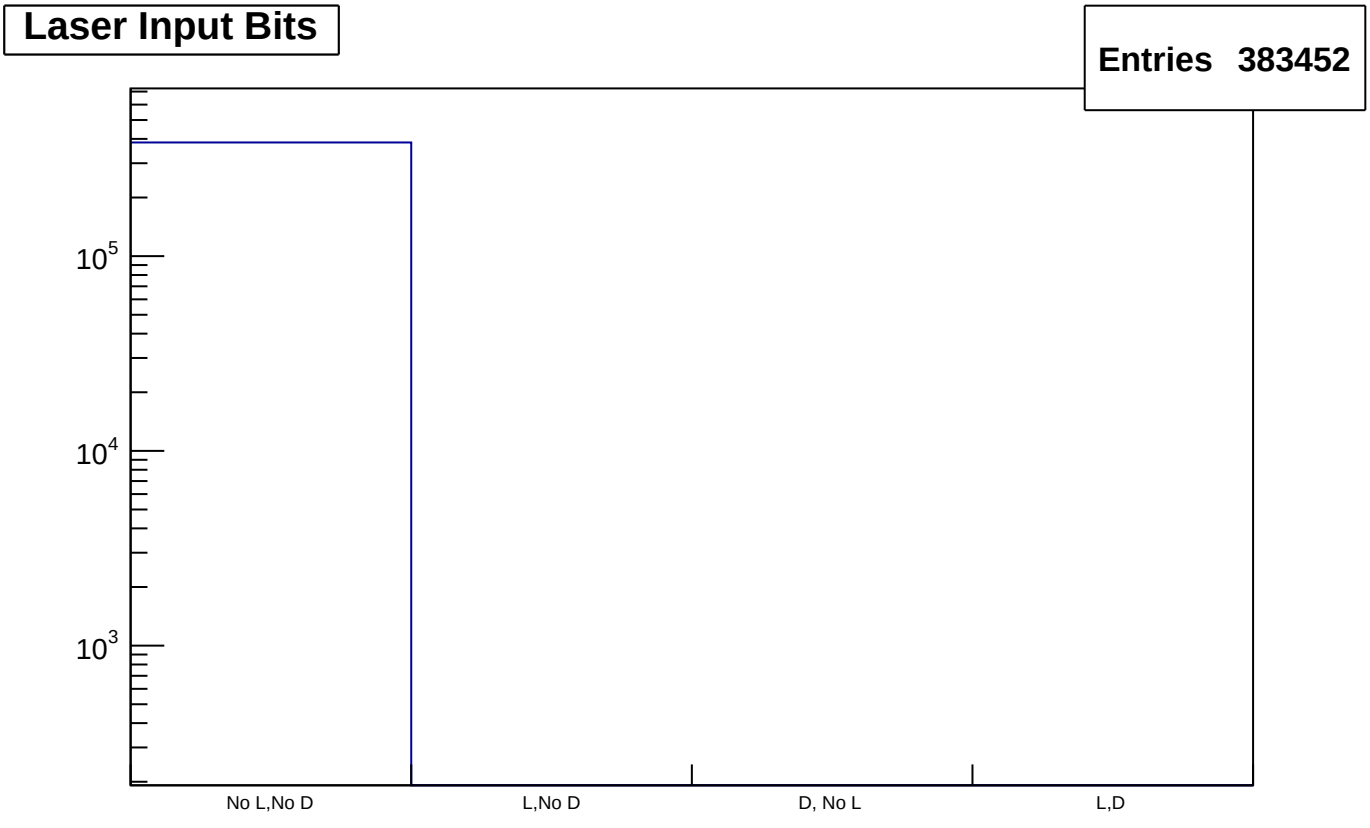

Entries 383452
TOF-Mult
VPD-West ADC Sum

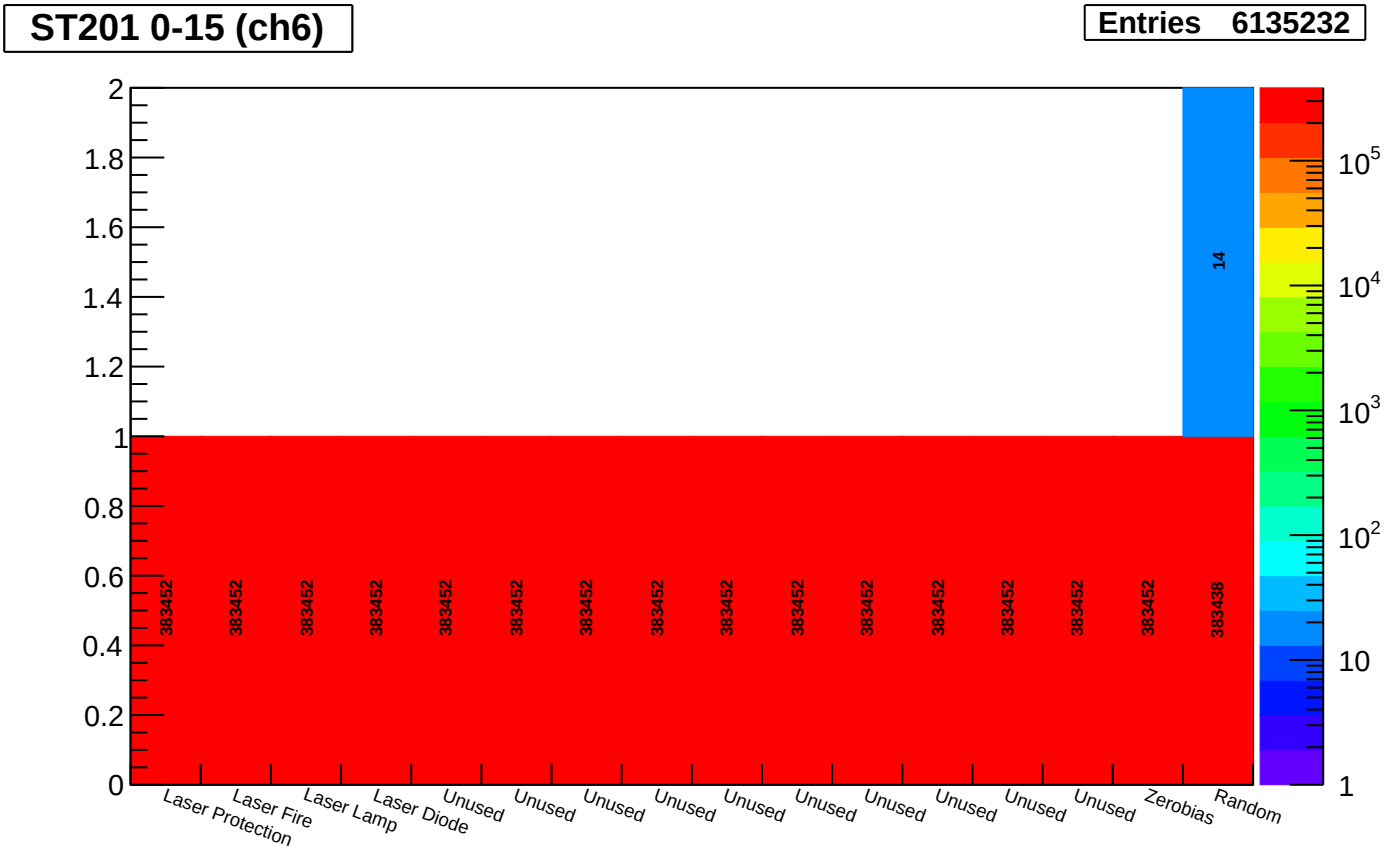

Entries 383452
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

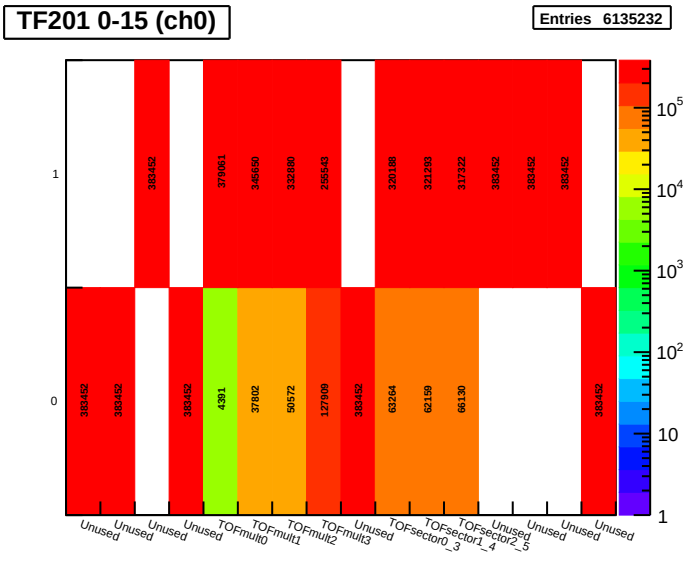

Entries 383452
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

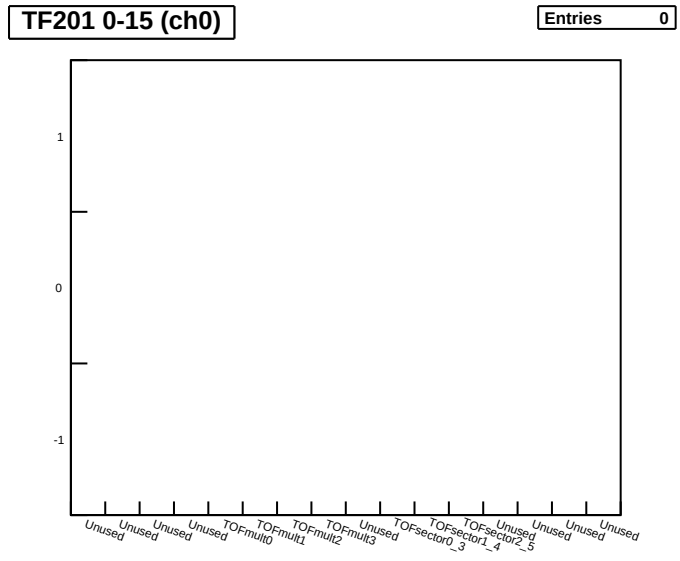

Entries 383452
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

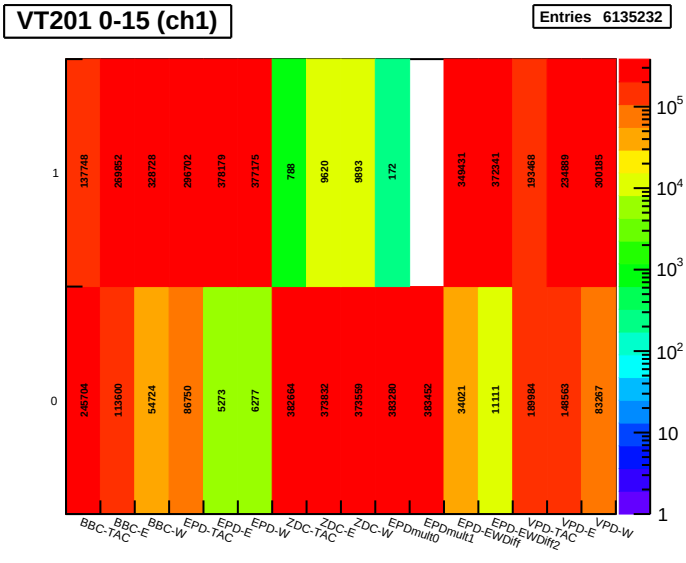

Entries 383452
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

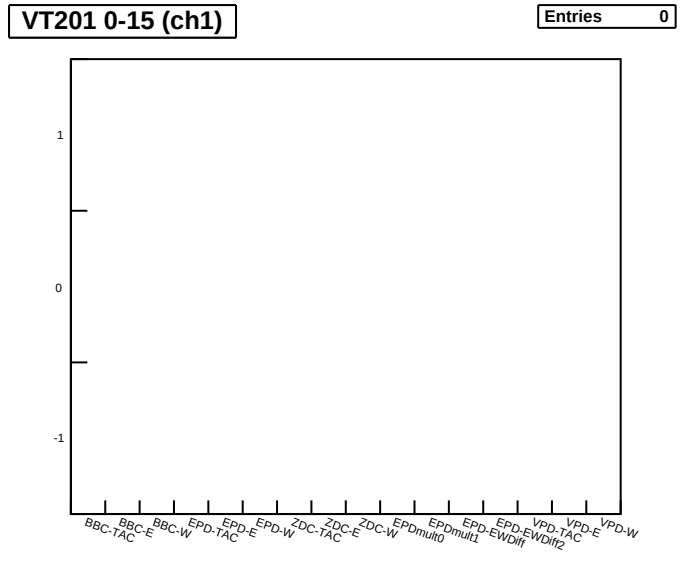

Laser Input Bits
Entries 383452
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

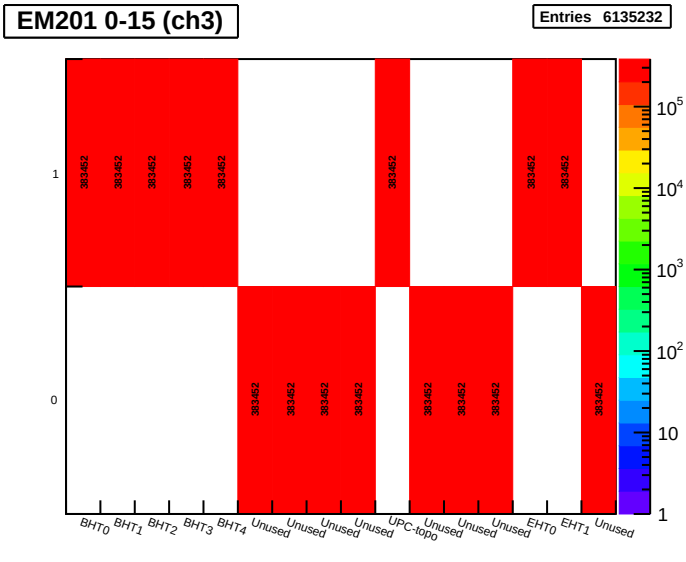

ST201 0-15 (ch6)
Entries 6135232
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
14
383452
383452
383452
383452
383452
383452
383452
383452
383452
383452
383452
383452
383452
383452
383438
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

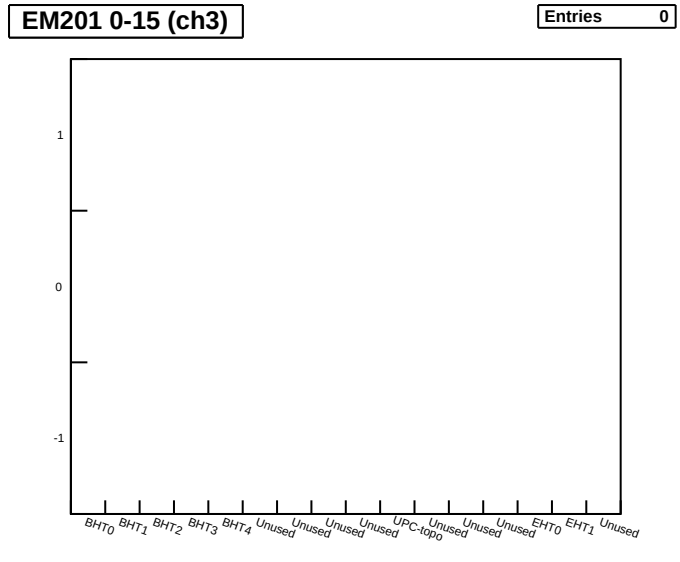

TF201 0-15 (ch0)
Entries 6135232
1
0
383452 383452 383452 383452 370061 345650 332880 255543 320188 321233 317322 383452 383452 383452
383452 383452 383452 4391 37802 50572 127909 383452 63264 62159 66130 383452
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 6135232
1
0
137748 269852 328728 296702 378179 377175 788 9620 9893 172 349431 372341 193468 234899 300185
245704 113600 54724 86750 5273 6277 382664 373832 373559 383280 383452 34021 11111 188984 148563 83267
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 6135232
1
0
383452 383452 383452 383452 383452 383452 383452 383452 383452
383452 383452 383452 383452 383452 383452 383452 383452
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