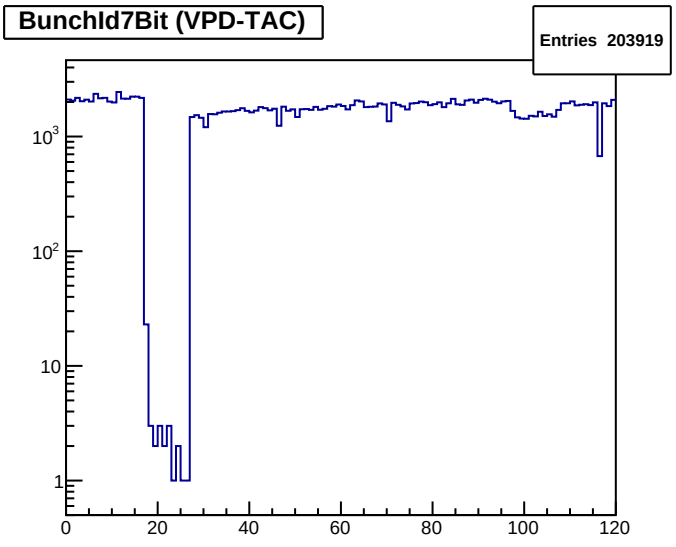
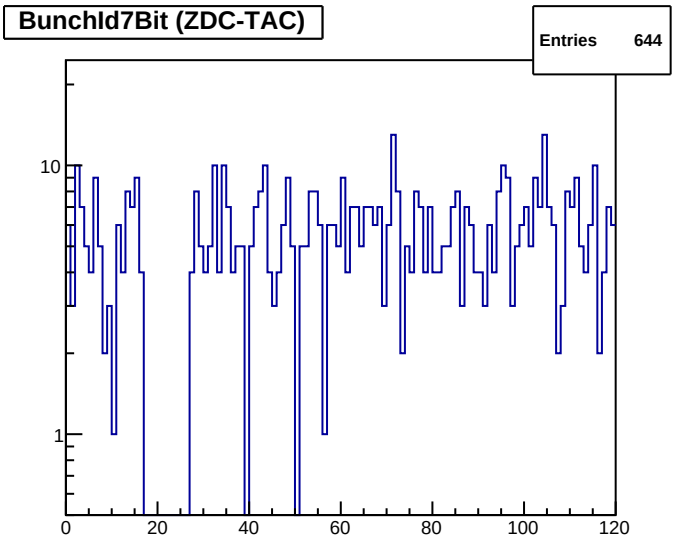
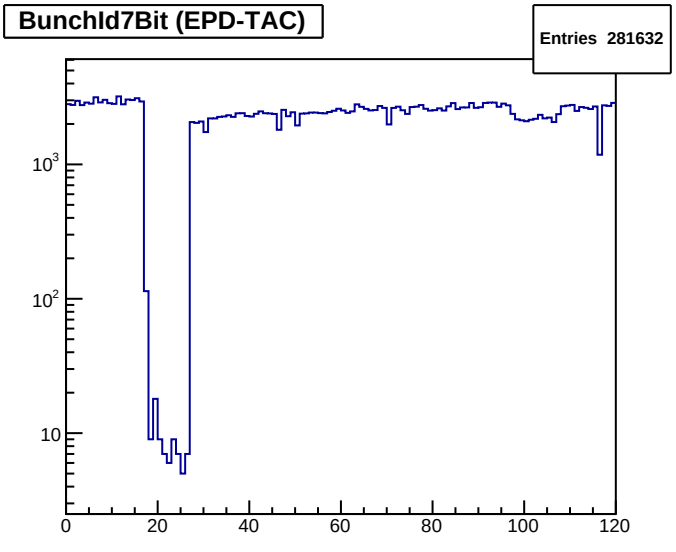
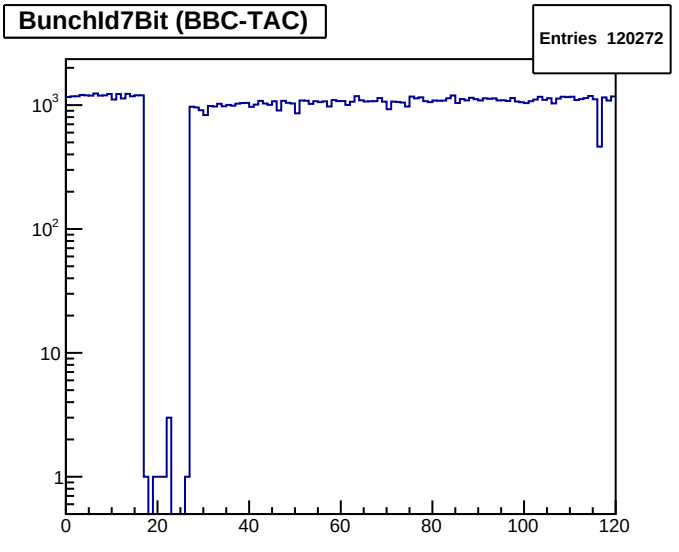
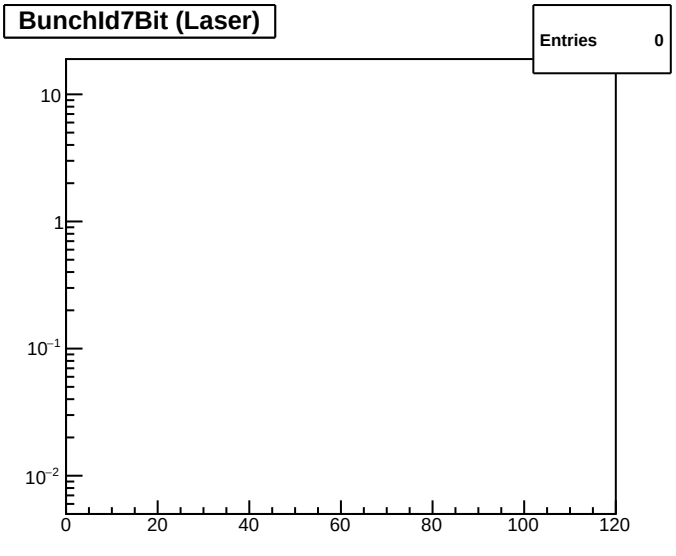
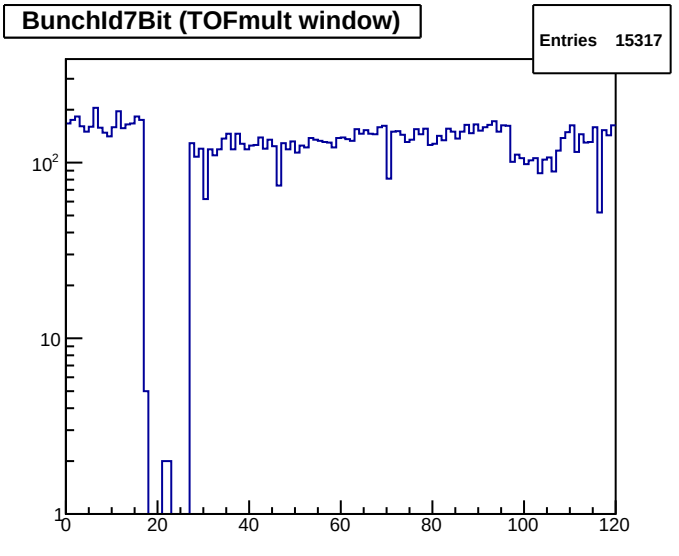

BunchId7Bit (VPD-TAC)
Entries 203919

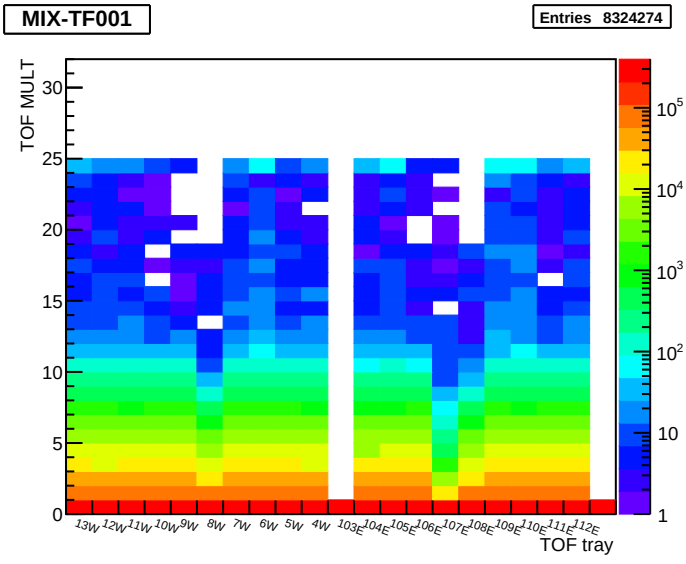

BunchId7Bit (ZDC-TAC)
Entries 644

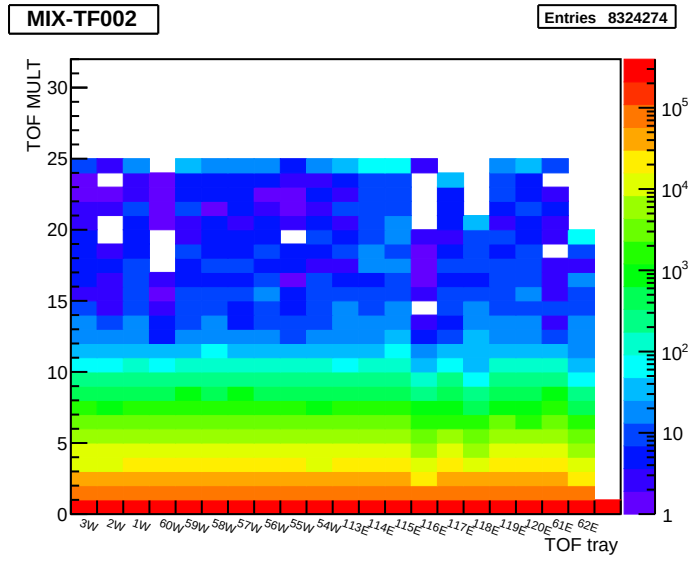

BunchId7Bit (EPD-TAC)
Entries 281632

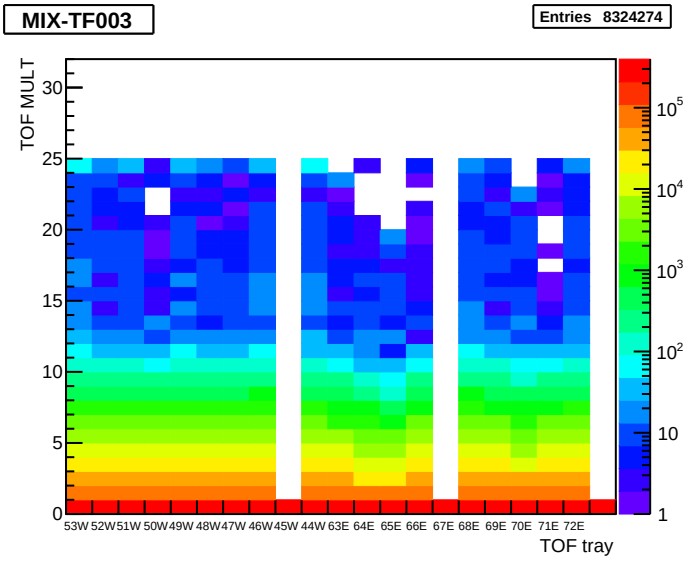

BunchId7Bit (BBC-TAC)
Entries 120272

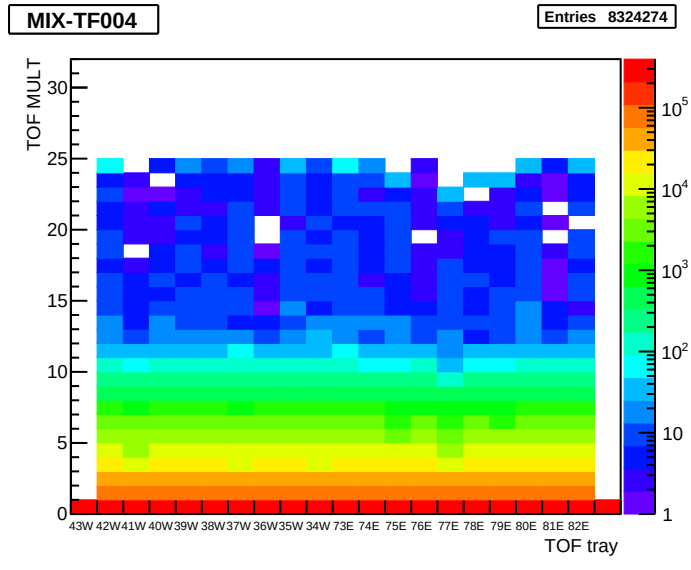

BunchId7Bit (Laser)
Entries 0

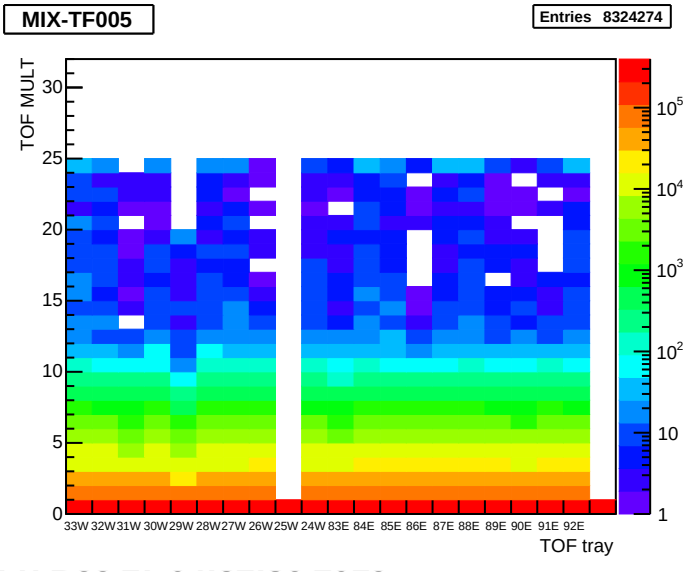

BunchId7Bit (TOFmult window)
Entries 15317

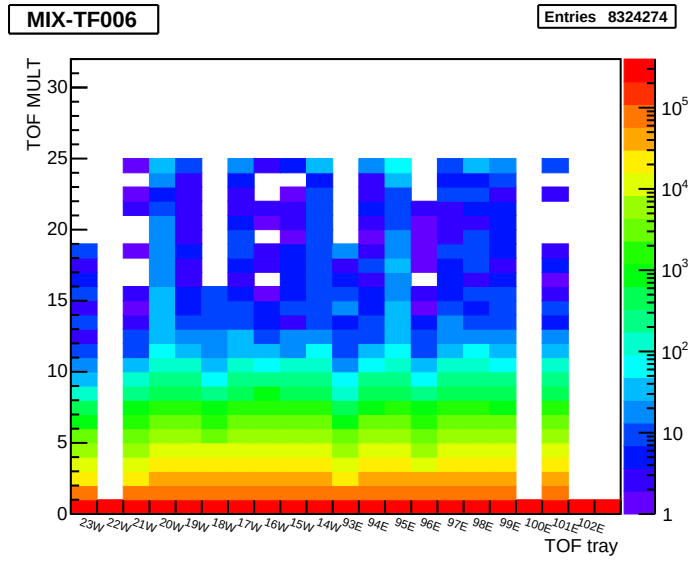

MIX-TF001
Entries 8324274
TOF MULT
TOF tray

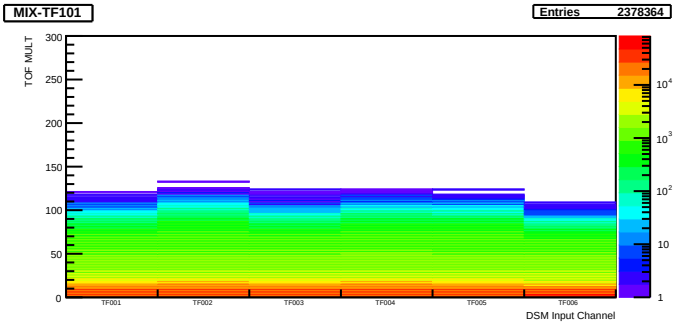

MIX-TF002
Entries 8324274
TOF MULT
TOF tray

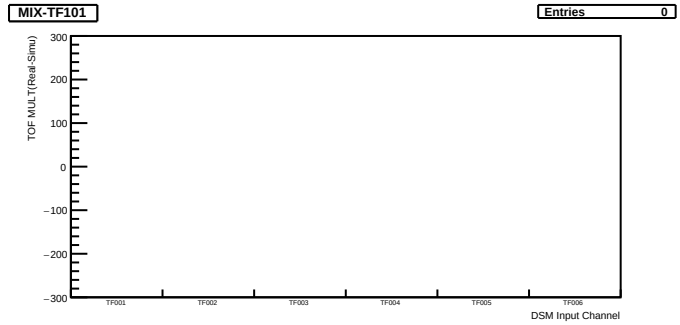

MIX-TF003
Entries 8324274
TOF MULT
TOF tray

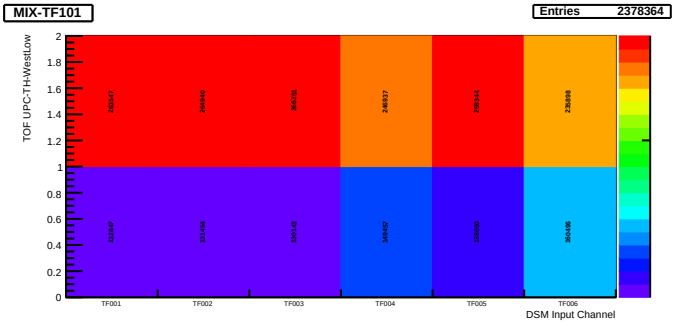

MIX-TF004
Entries 8324274
TOF MULT
TOF tray

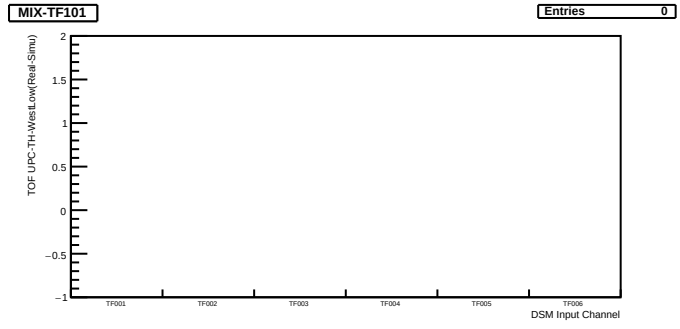

MIX-TF005
Entries 8324274
TOF MULT
TOF tray

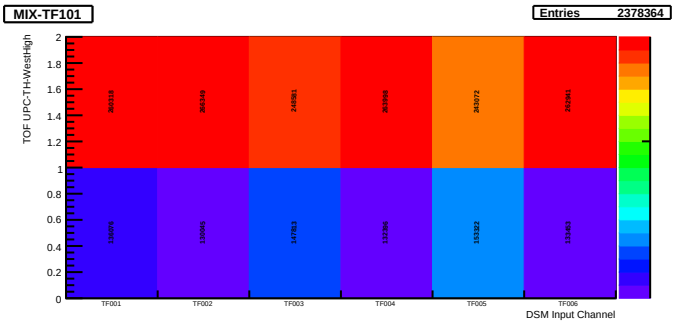

MIX-TF006
Entries 8324274
TOF MULT
TOF tray

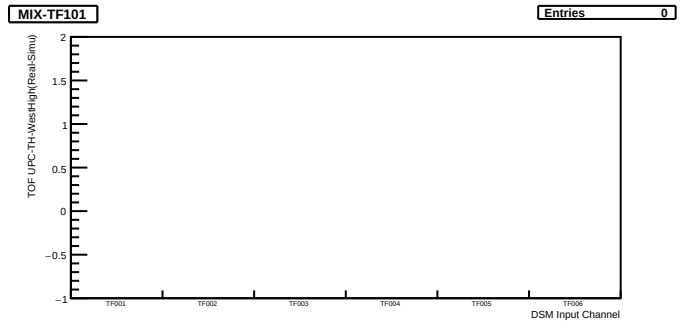

MIX-TF101
Entries 2378364
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

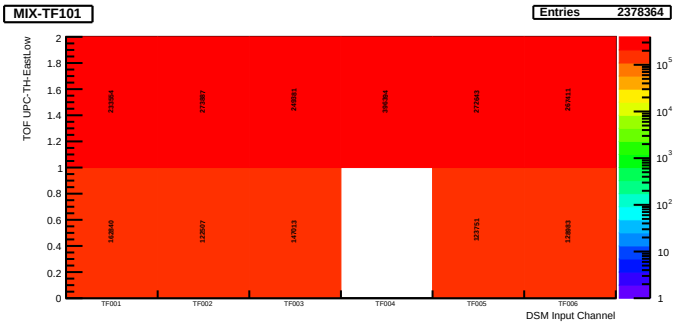

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

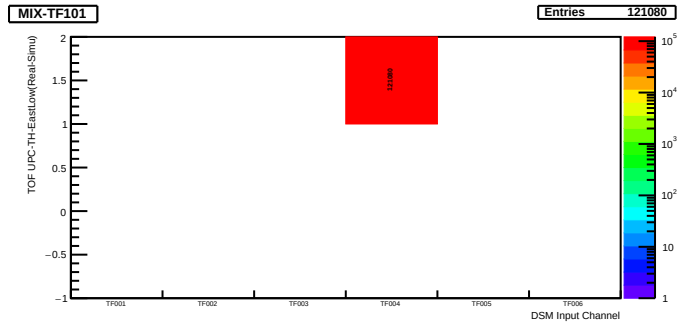

MIX-TF101
Entries 2378364
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

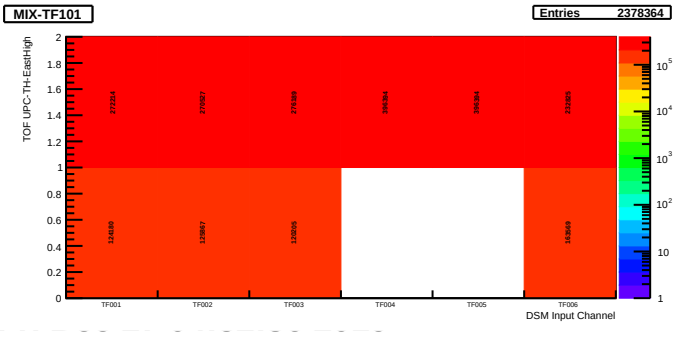

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

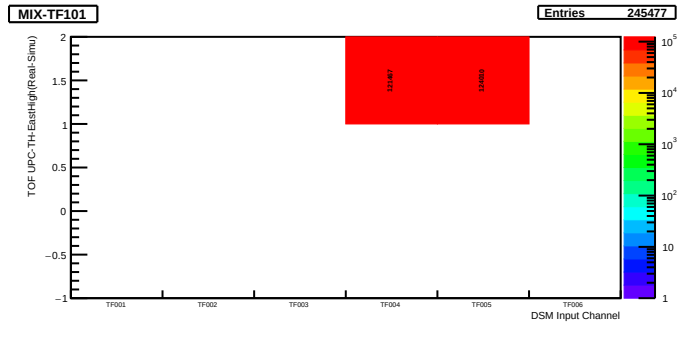

MIX-TF101
Entries 2378364
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

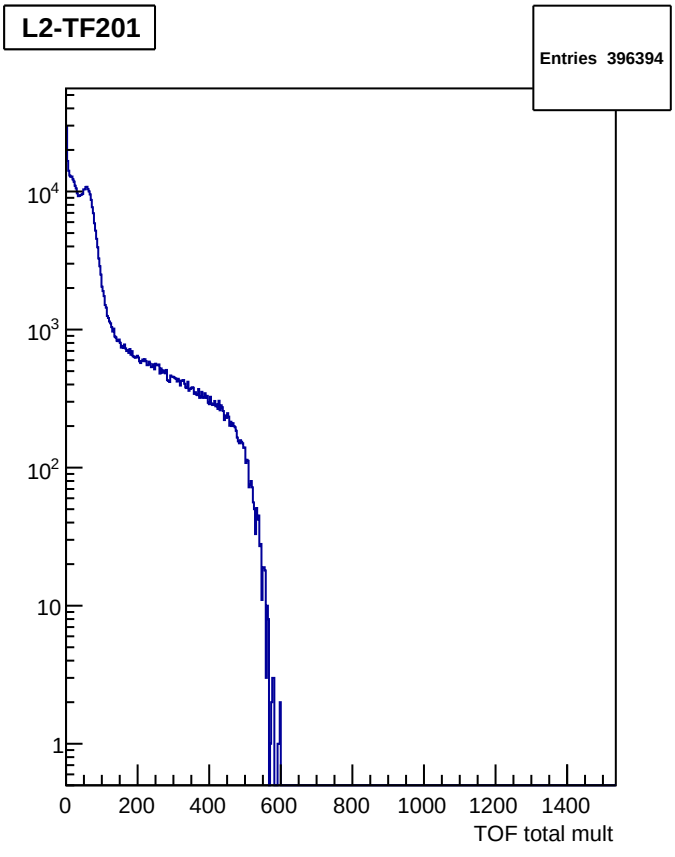

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

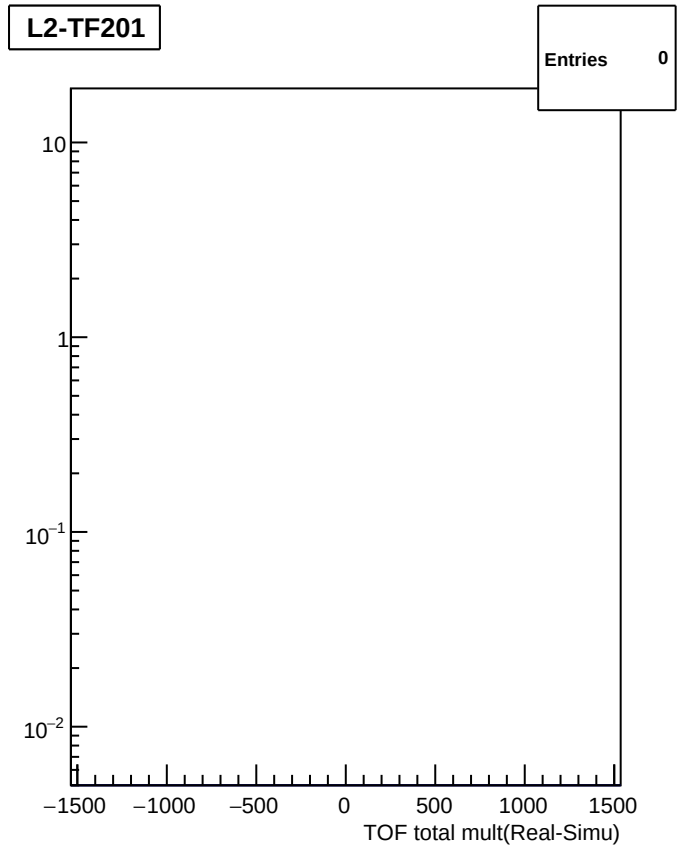

MIX-TF101
Entries 2378364
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

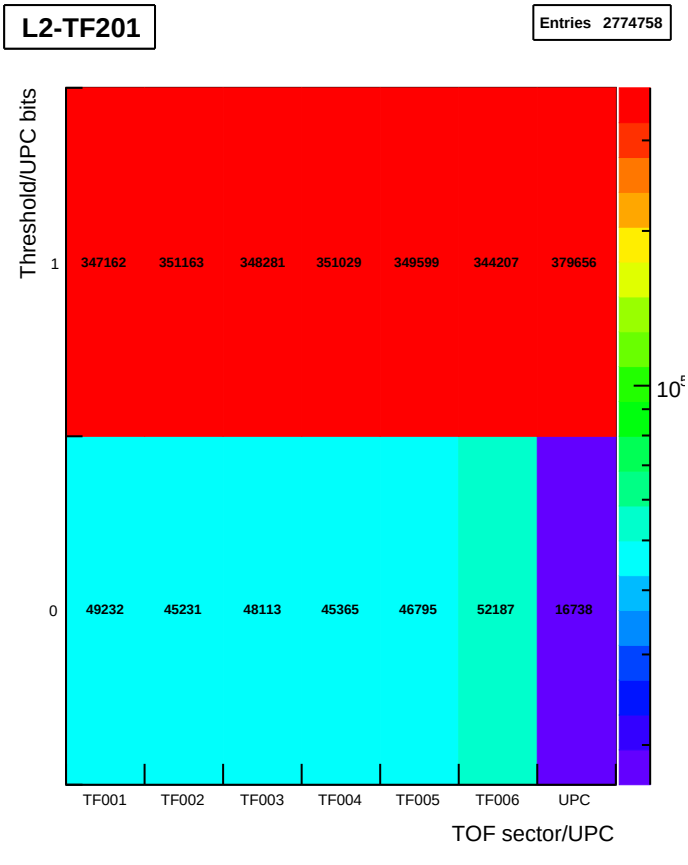

MIX-TF101
Entries 121080
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

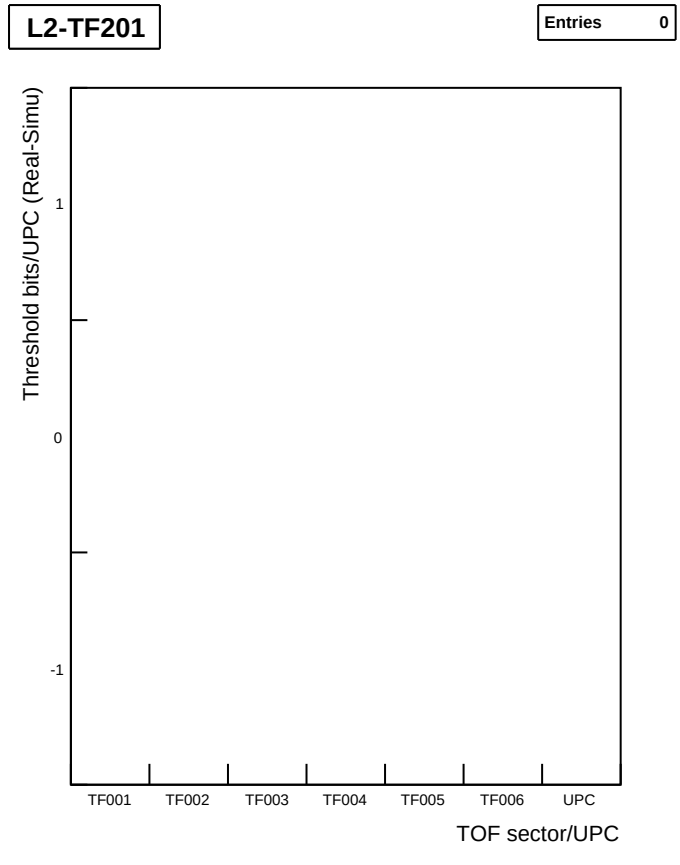

MIX-TF101
Entries 2378364
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

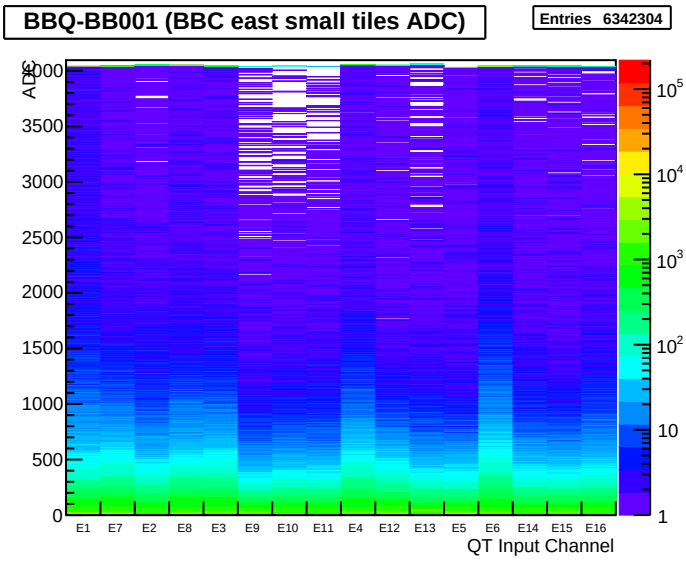

MIX-TF101
Entries 245477
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

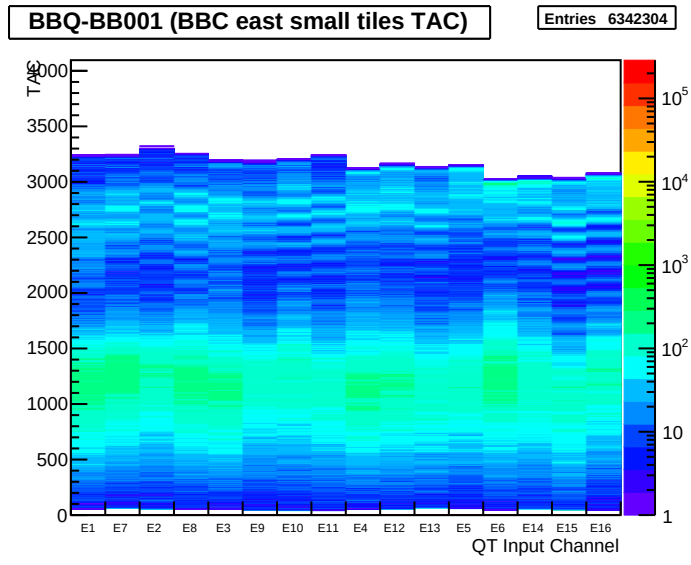

L2-TF201
Entries 396394
TOF total mult

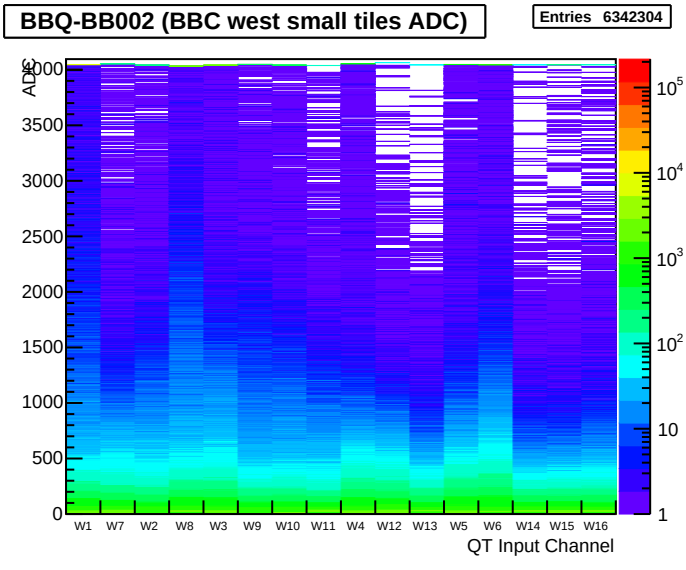

L2-TF201
Entries 0
TOF total mult(Real-Simu)

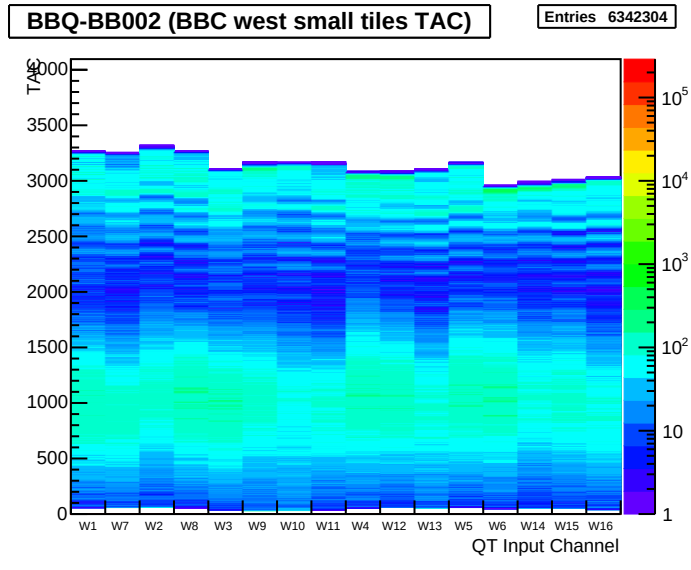

L2-TF201
Entries 2774758
Threshold/UPC bits
347162
351163
348281
351029
349599
344207
379656
49232
45231
48113
45365
46795
52187
16738
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

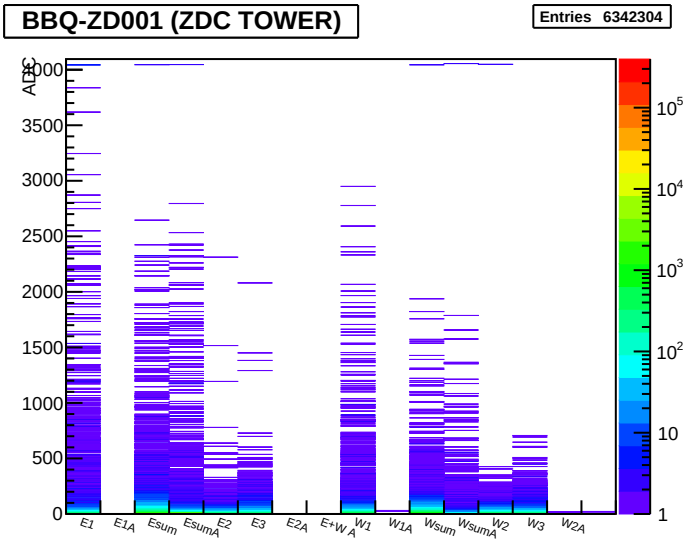

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

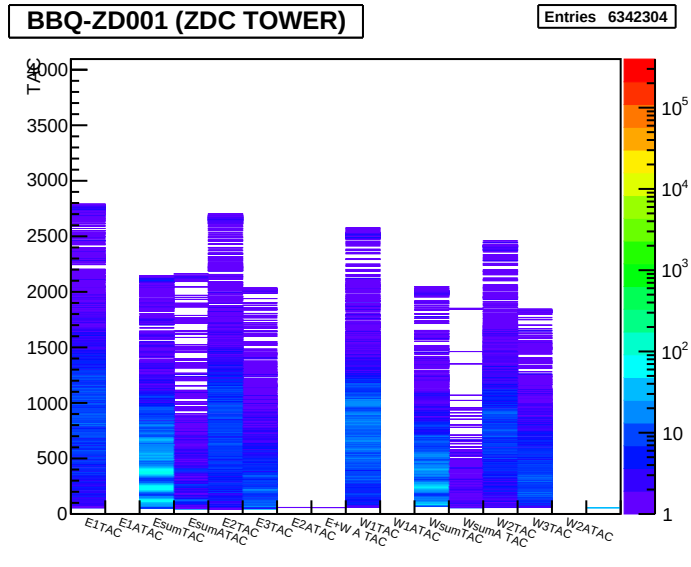

BBQ-BB001 (BBC east small tiles ADC)
Entries 6342304
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

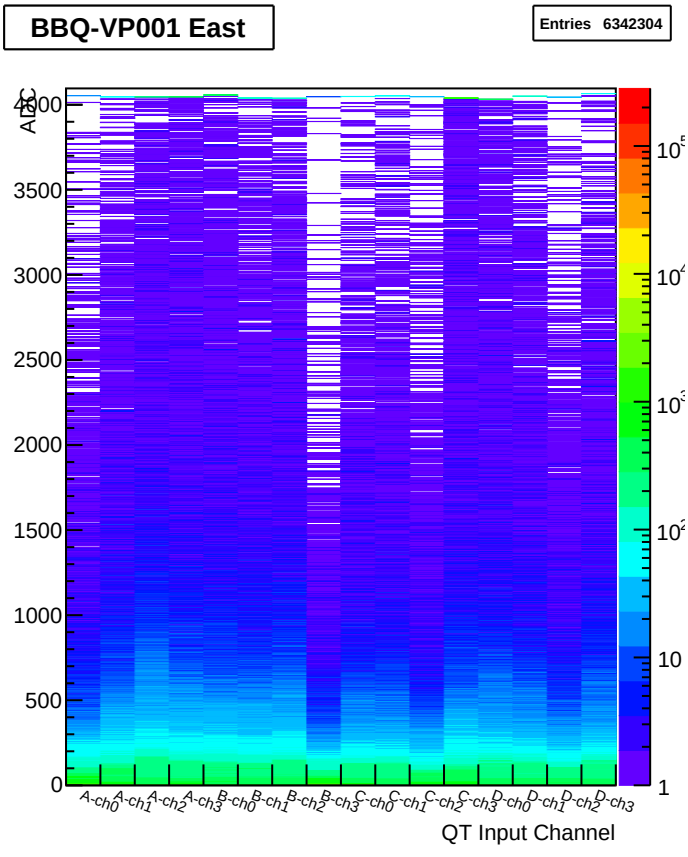

BBQ-BB001 (BBC east small tiles TAC)
Entries 6342304
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

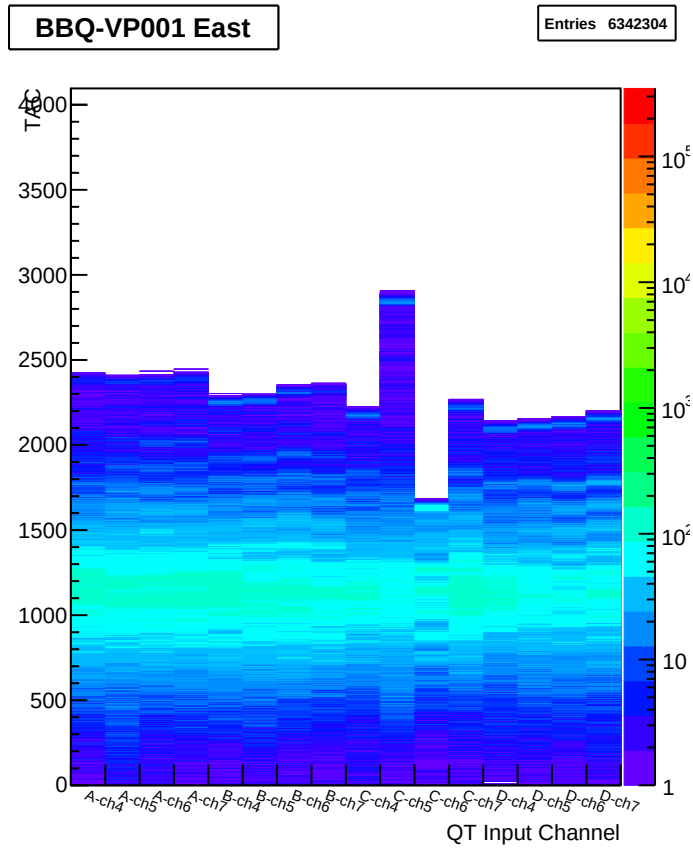

BBQ-BB002 (BBC west small tiles ADC)
Entries 6342304
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

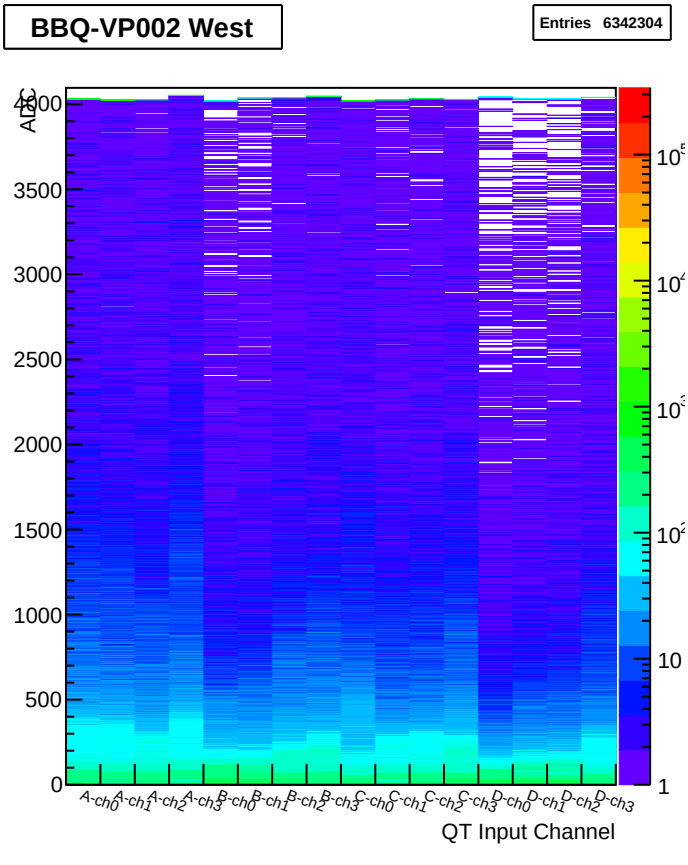

BBQ-BB002 (BBC west small tiles TAC)
Entries 6342304
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

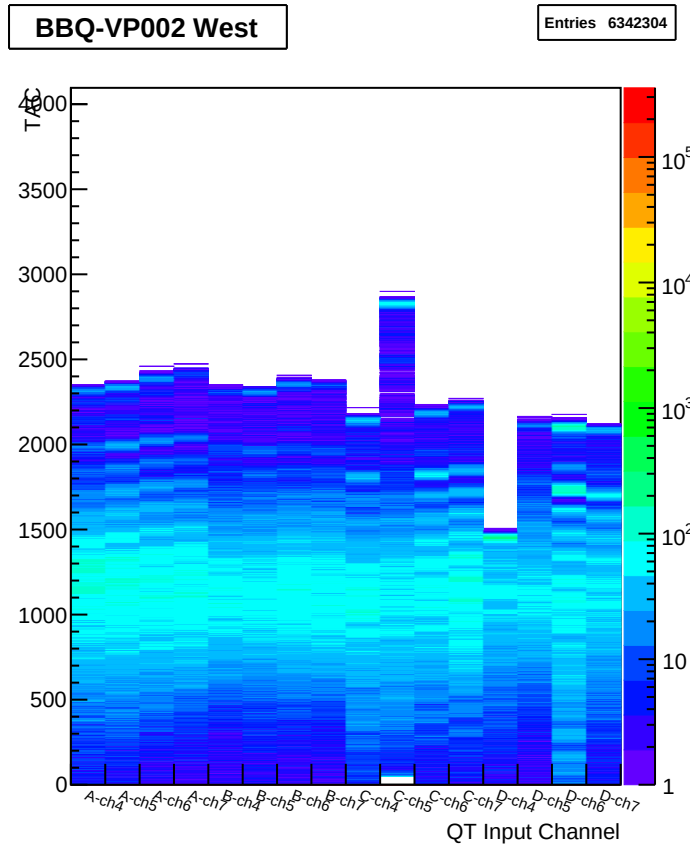

BBQ-ZD001 (ZDC TOWER)
Entries 6342304
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

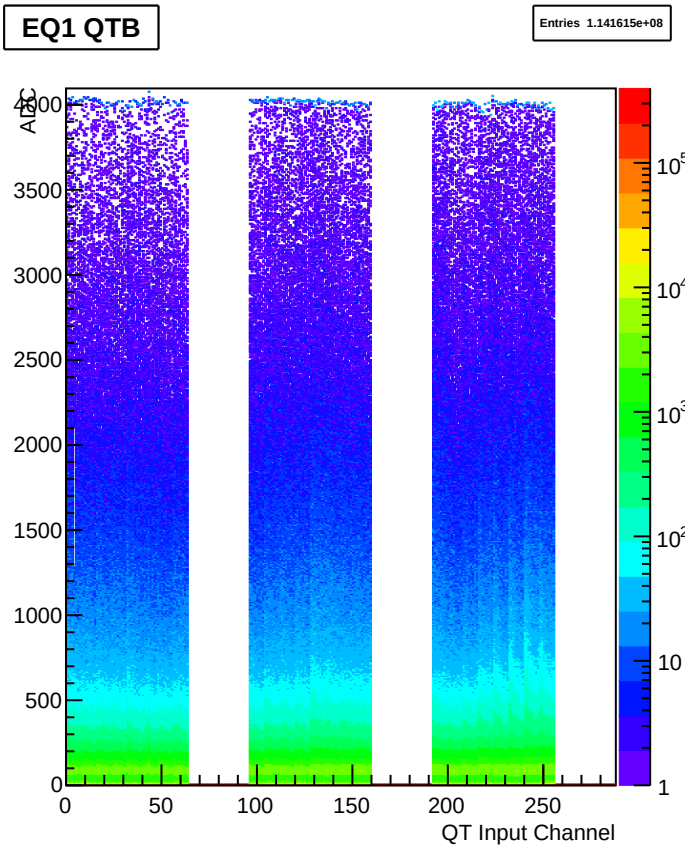

BBQ-ZD001 (ZDC TOWER)
Entries 6342304
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

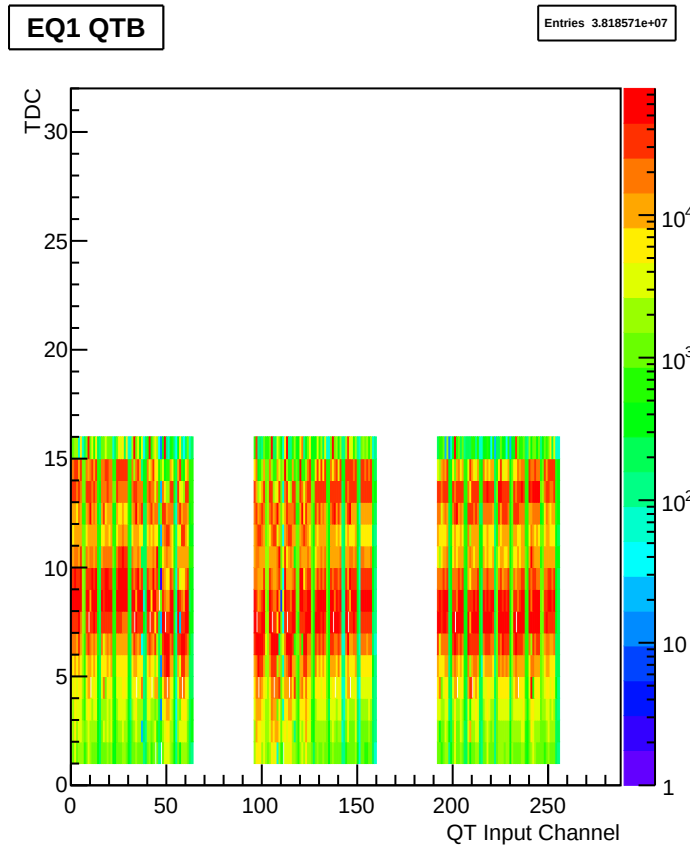

BBQ-VP001 East
Entries 6342304
ADC
QT Input Channel

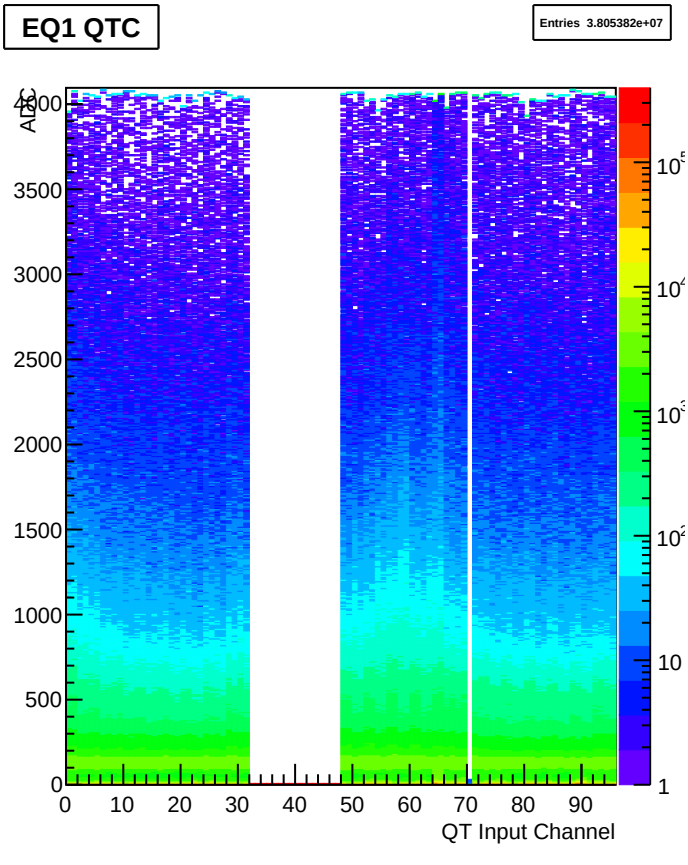

BBQ-VP001 East
Entries 6342304
ADC
QT Input Channel

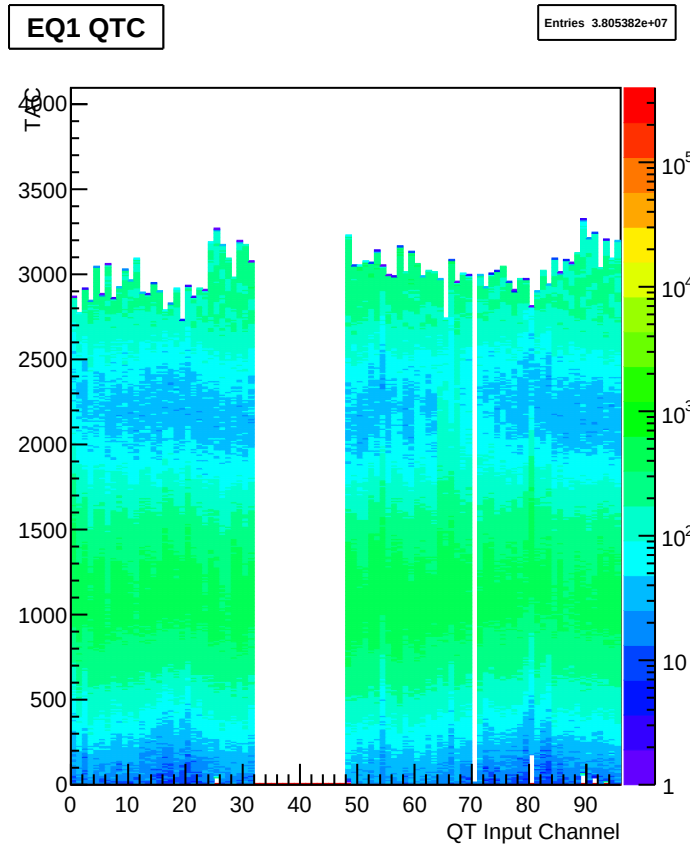

BBQ-VP002 West
Entries 6342304
ADC
QT Input Channel

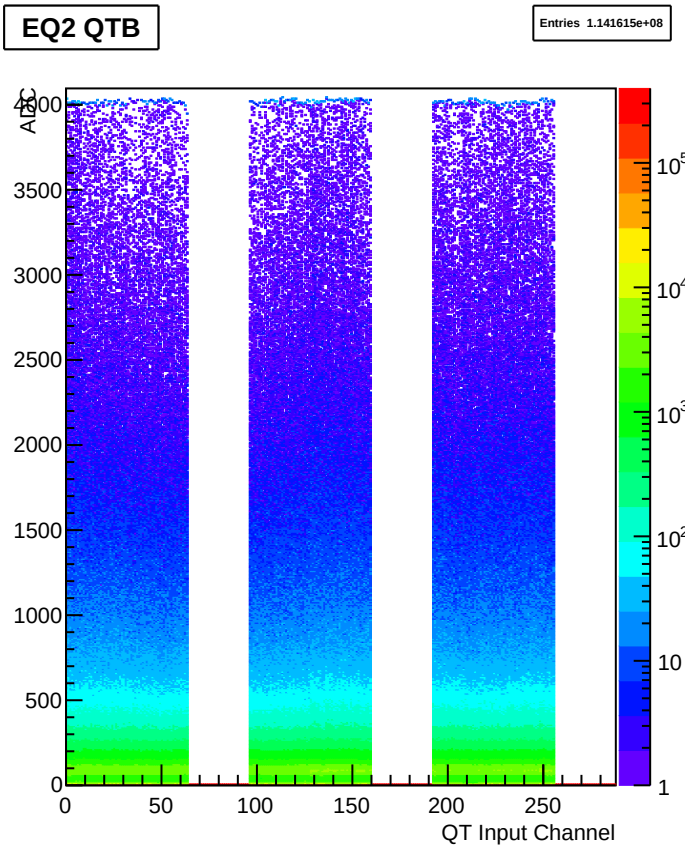

BBQ-VP002 West
Entries 6342304
ADC
QT Input Channel

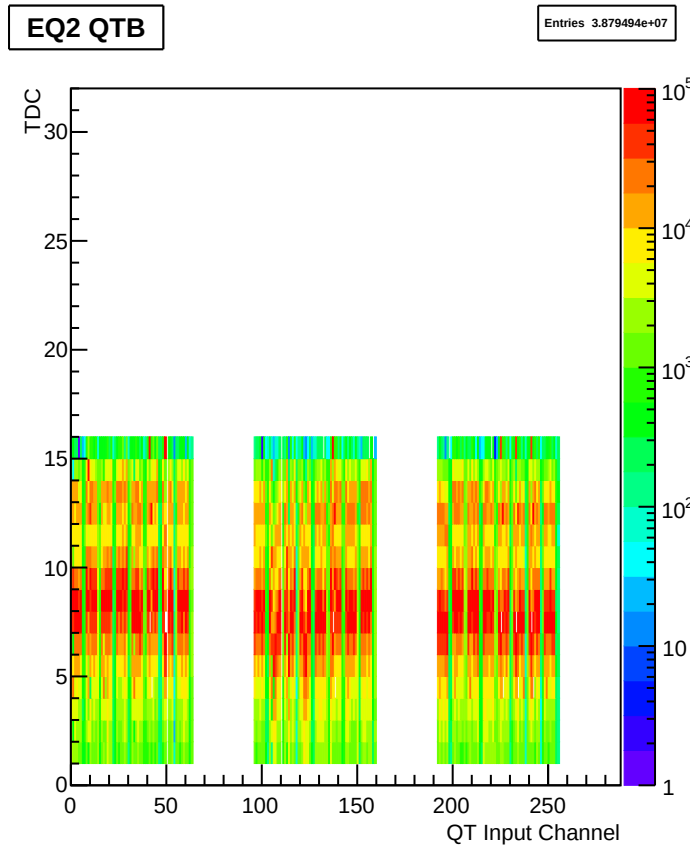

EQ1 QTB
Entries 1.141615e+08
ADC
QT Input Channel

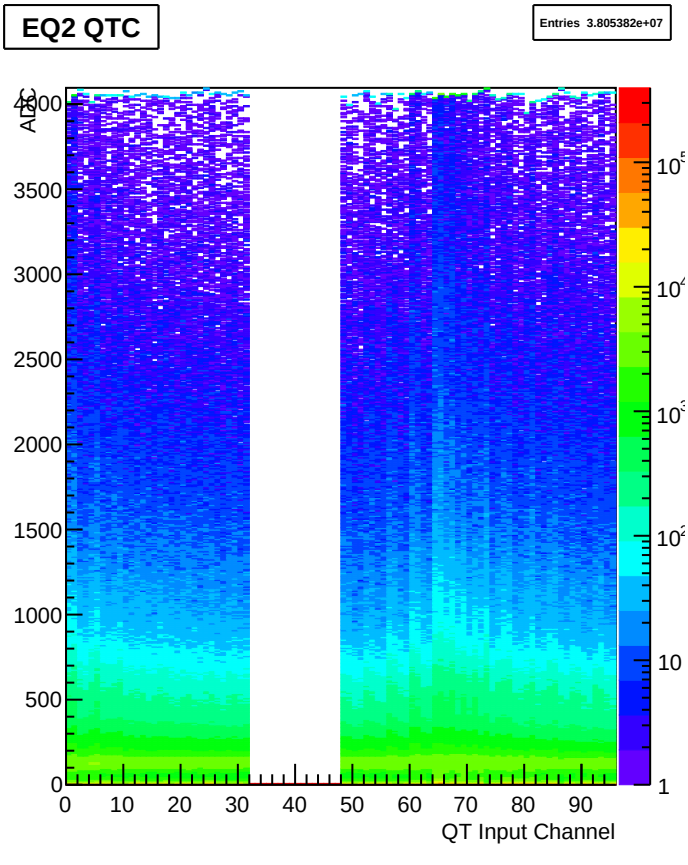

EQ1 QTB
Entries 3.818571e+07
TDC
QT Input Channel

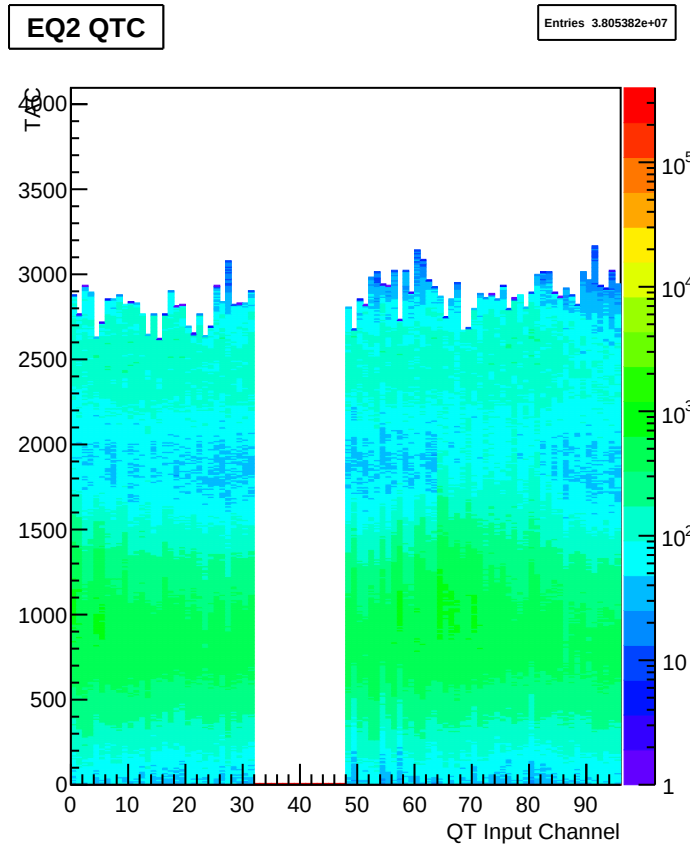

EQ1 QTC
Entries 3.805382e+07
ADC
QT Input Channel

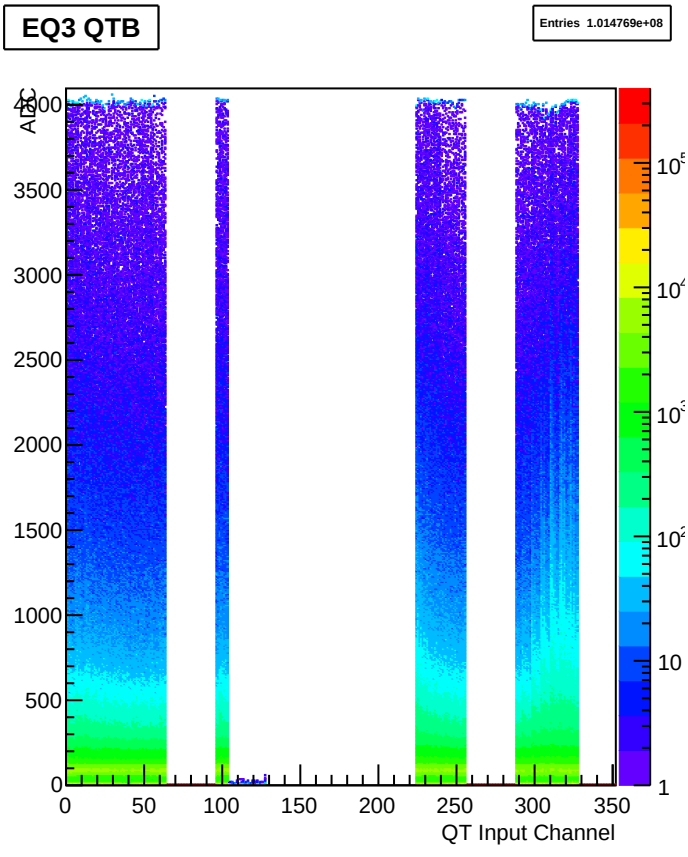

EQ1 QTC
Entries 3.805382e+07
TADC
QT Input Channel

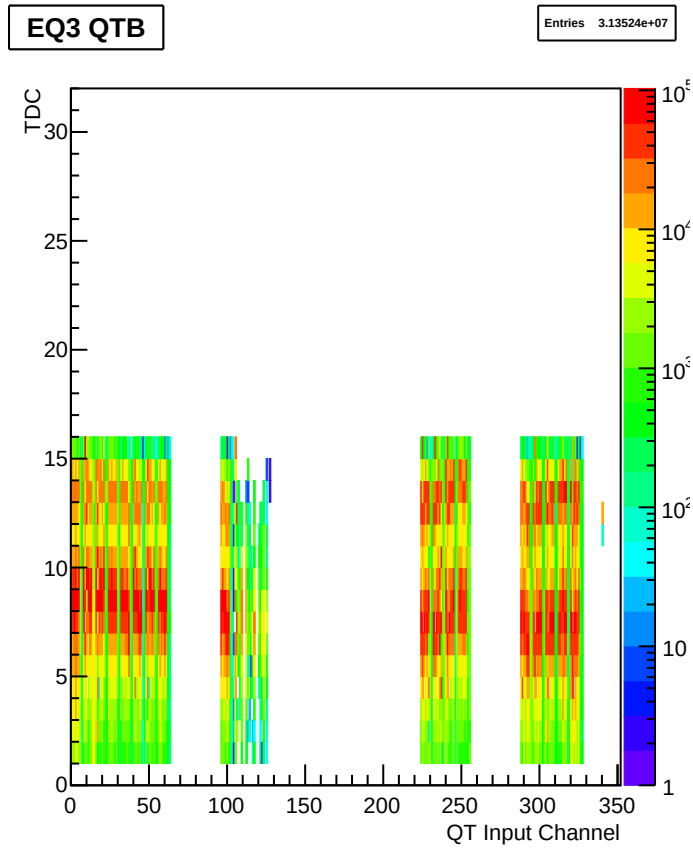

EQ2 QTB
Entries 1.141615e+08
ADC
QT Input Channel

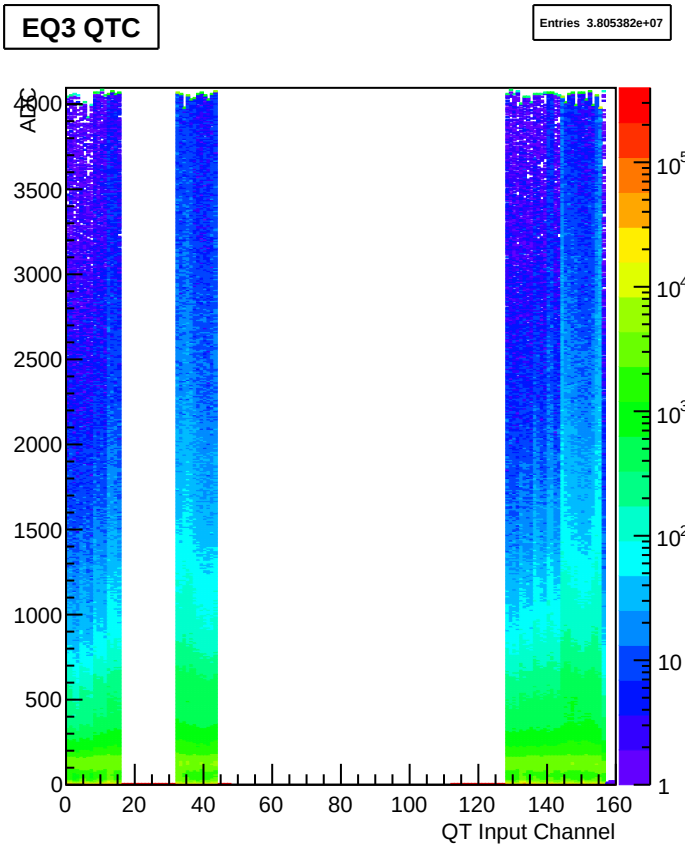

EQ2 QTB
Entries 3.879494e+07
TDC
QT Input Channel

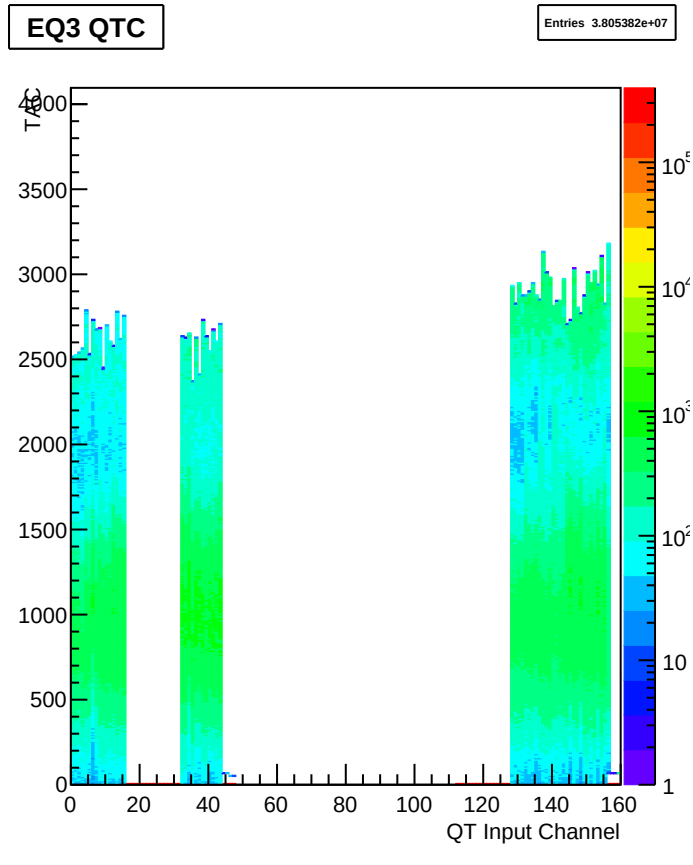

EQ2 QTC
Entries 3.805382e+07
ADC
QT Input Channel

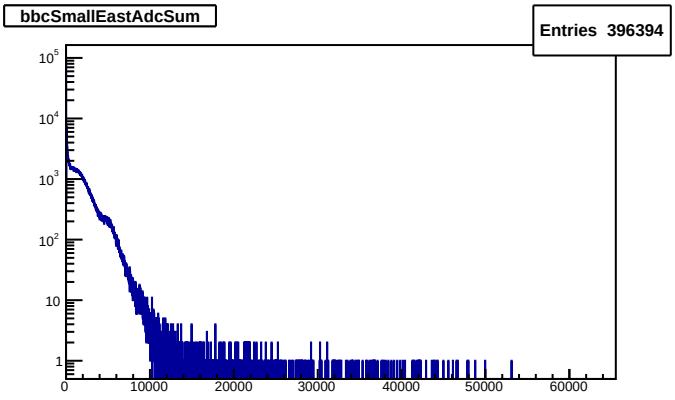

EQ2 QTC
Entries 3.805382e+07
TADC
QT Input Channel

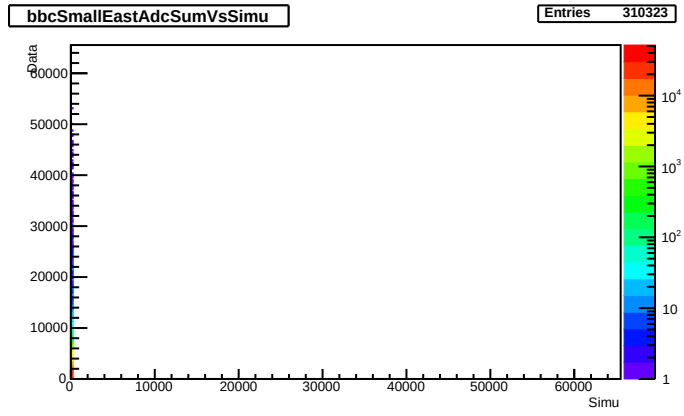

EQ3 QTB
Entries 1.014769e+08
ADC
QT Input Channel

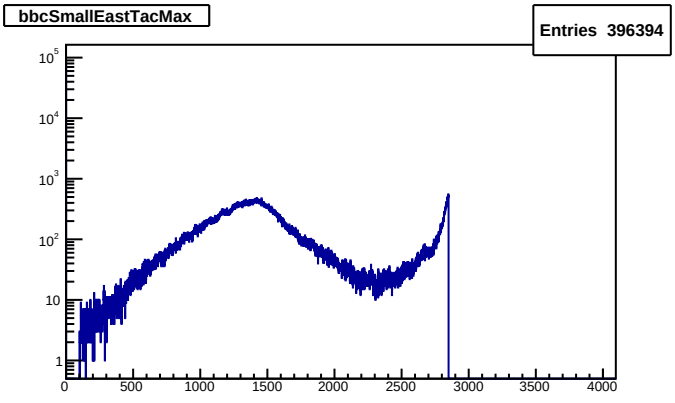

EQ3 QTB
Entries 3.13524e+07
TDC
QT Input Channel

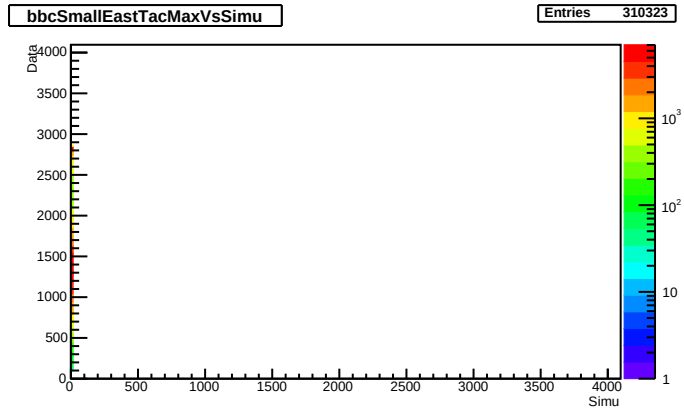

EQ3 QTC
Entries 3.805382e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.805382e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 396394


bbcSmallEastAdcSumVsSimu
Entries 310323
Data
Simu


bbcSmallEastTacMax
Entries 396394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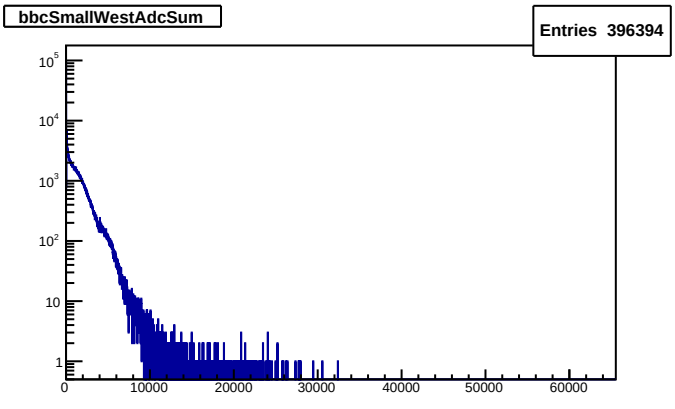
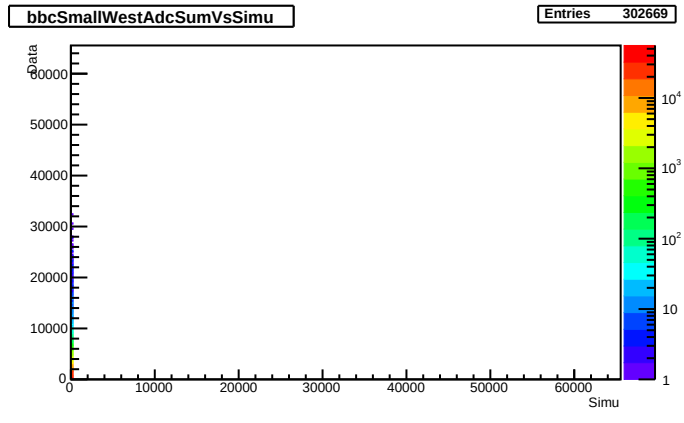
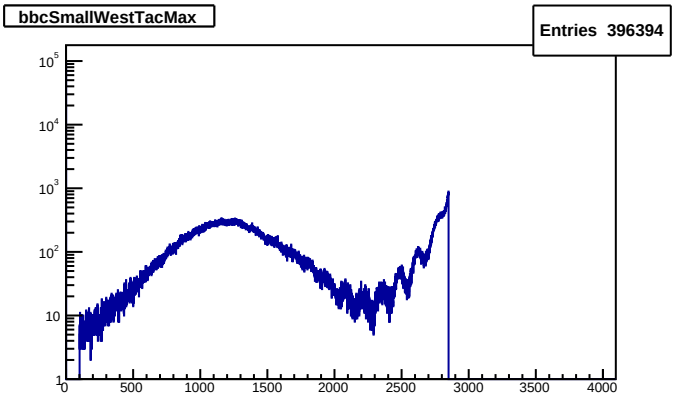
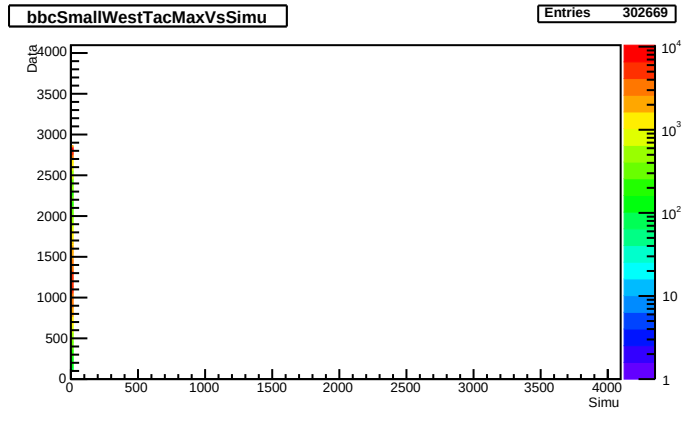
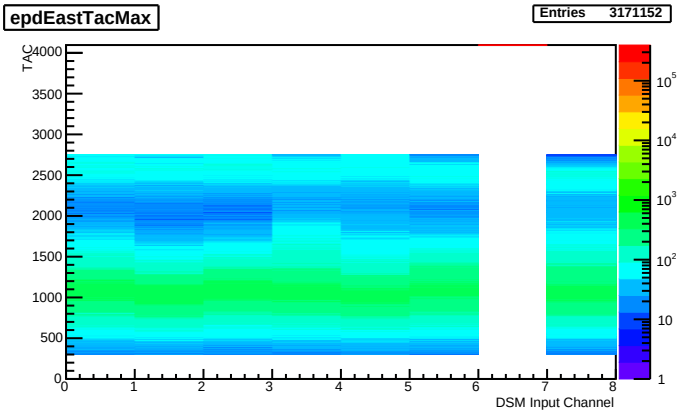
Entries 310323
Data
Simu

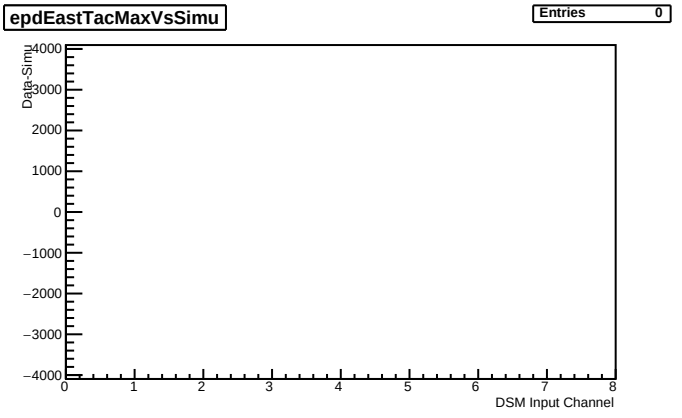

bbcSmallWestAdcSum
Entries 396394

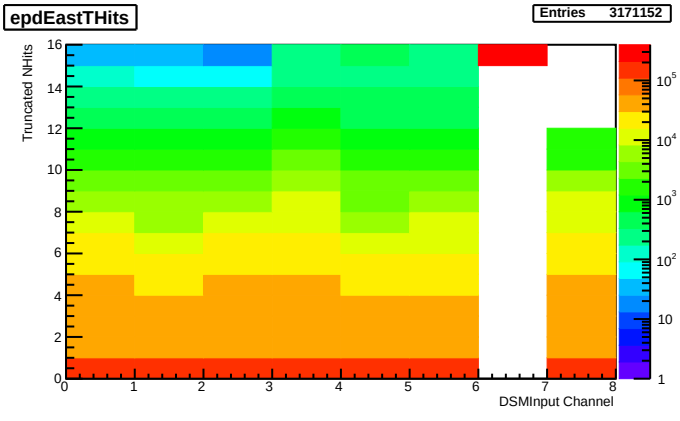

bbcSmallWestAdcSumVsSimu
Entries 302669
Data
Simu

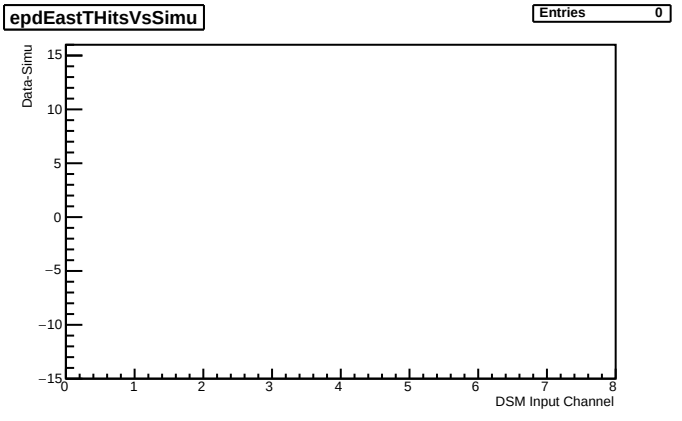

bbcSmallWestTacMax
Entries 396394

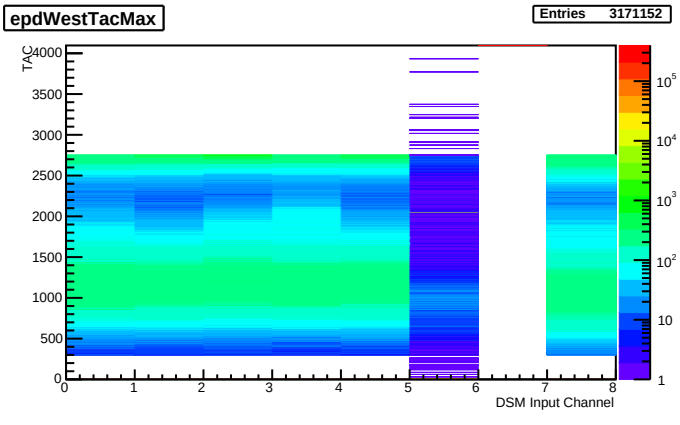

bbcSmallWestTacMaxVsSimu
Entries 302669
Data
Simu

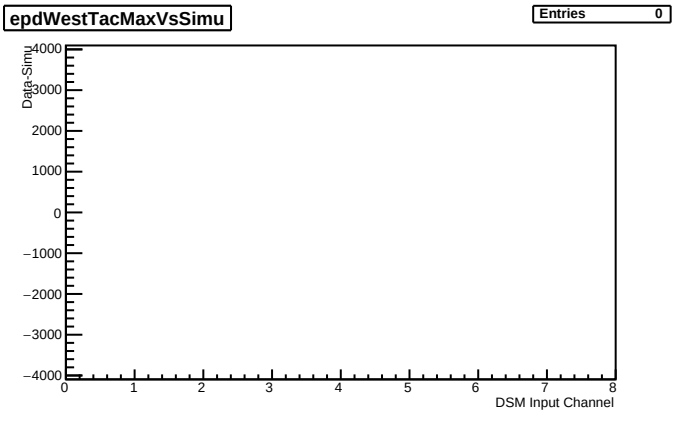

epdEastTacMax
Entries 3171152
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3171152
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3171152
TAC
DSM Input Channel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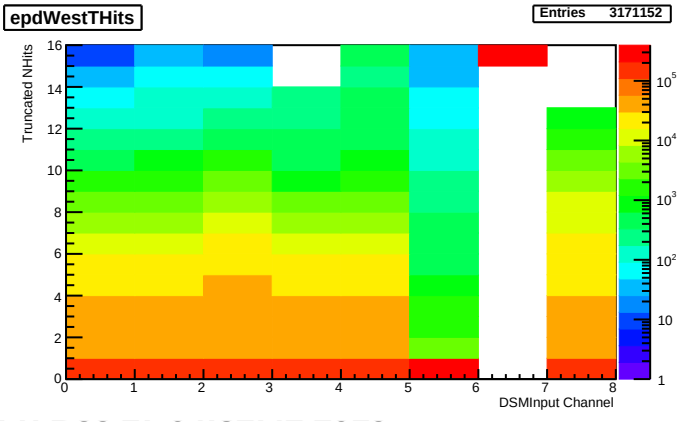
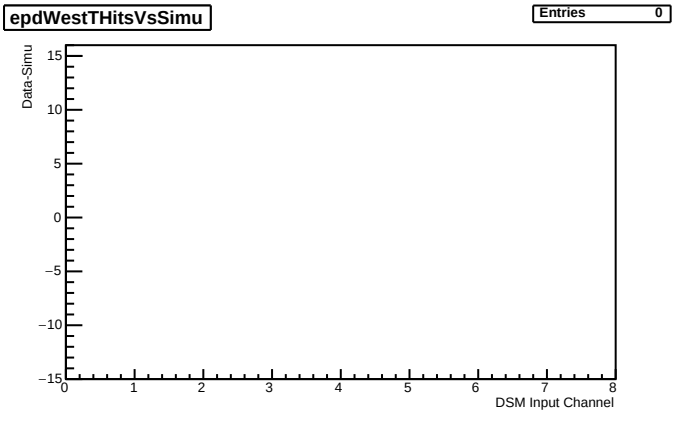
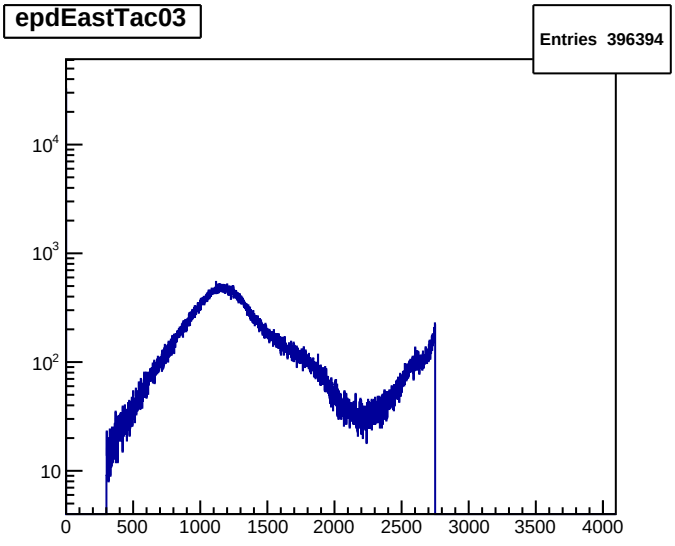
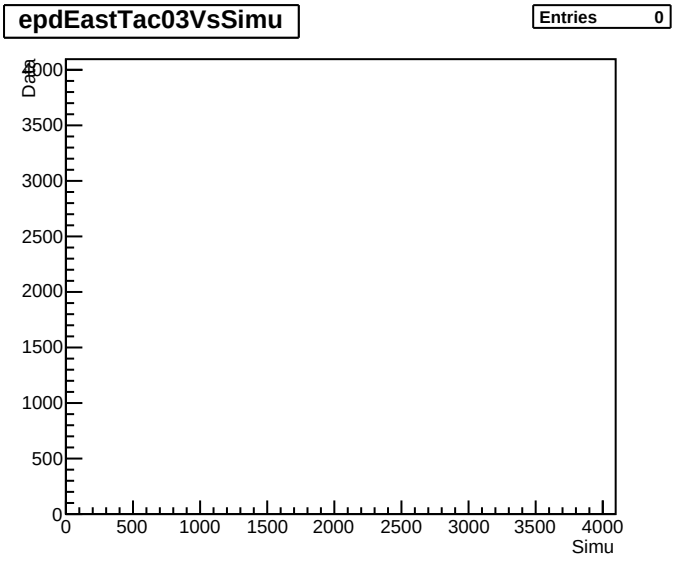
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3171152
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 396394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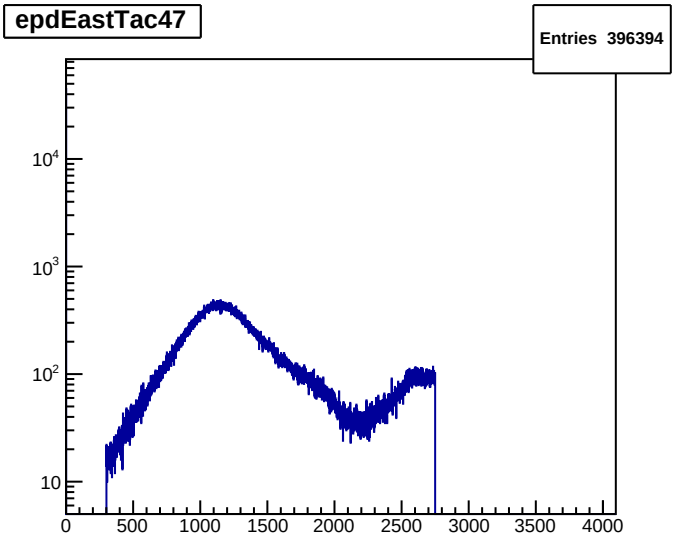
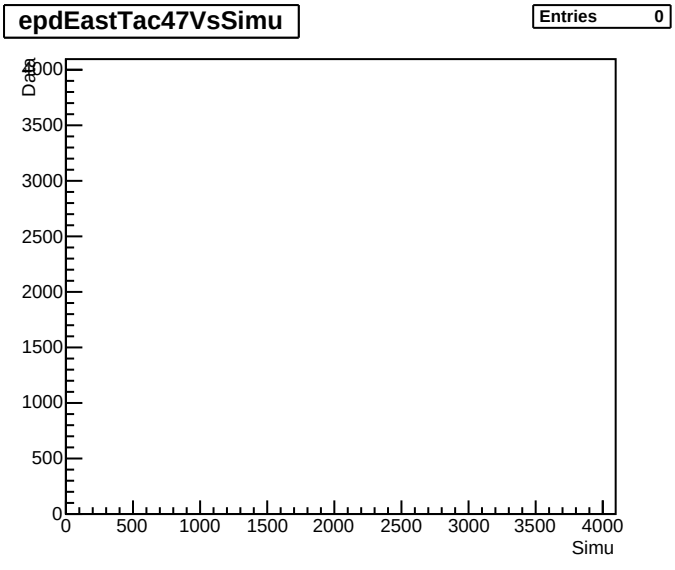
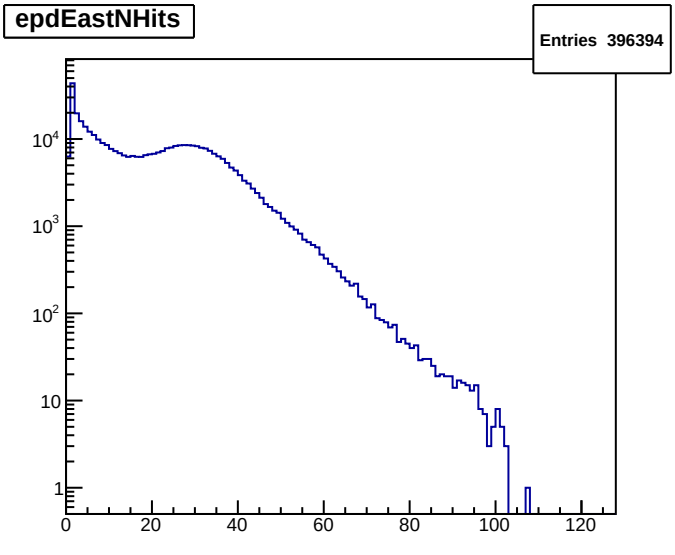
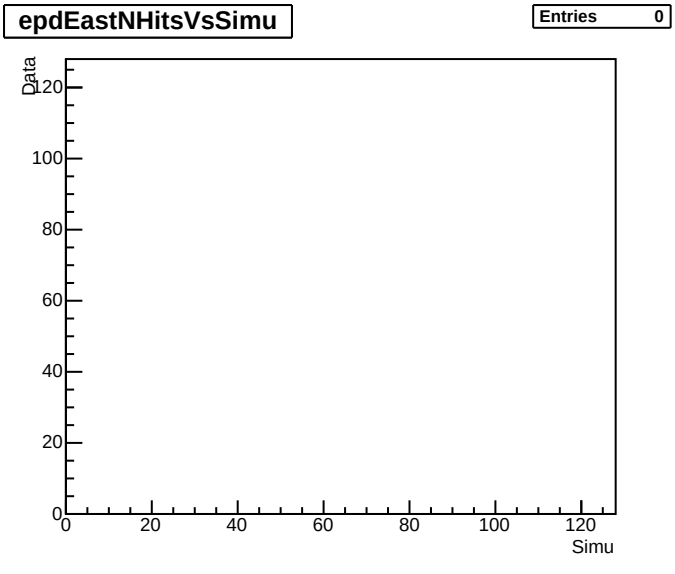
Entries 0
Data
Simu


epdEastTac47
Entries 396394


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 396394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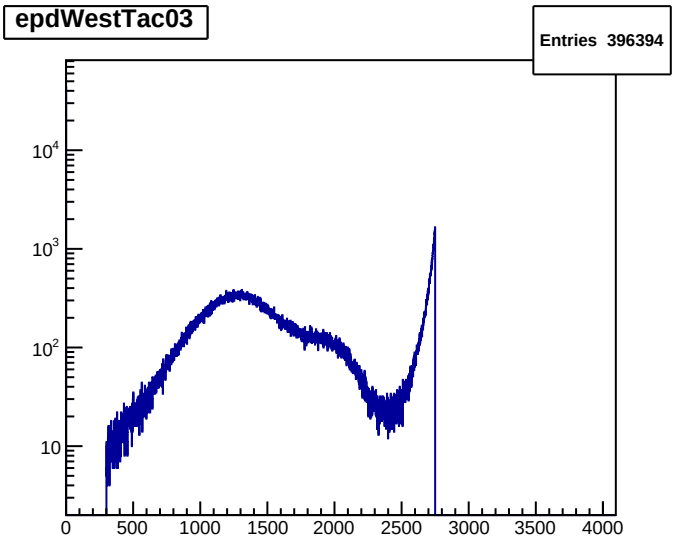
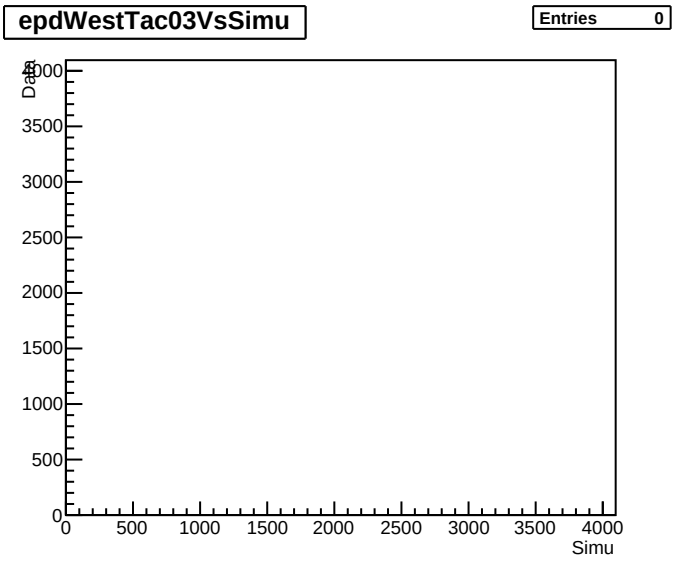
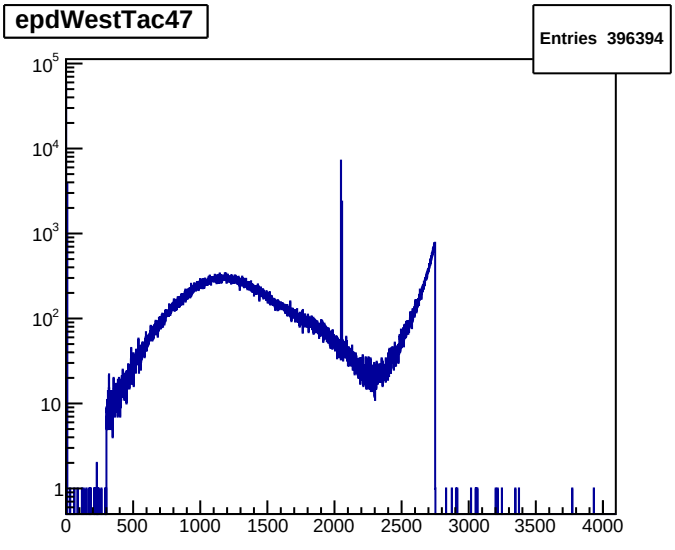
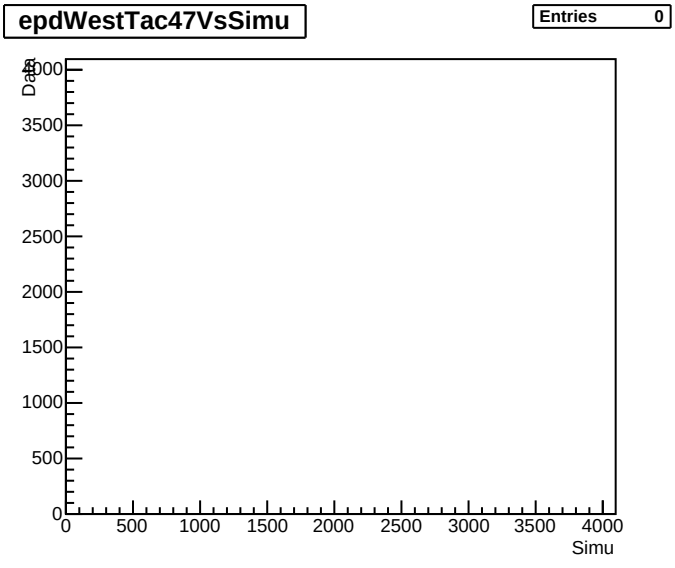
Entries 0
Data
Simu


epdWestTac03
Entries 396394


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 396394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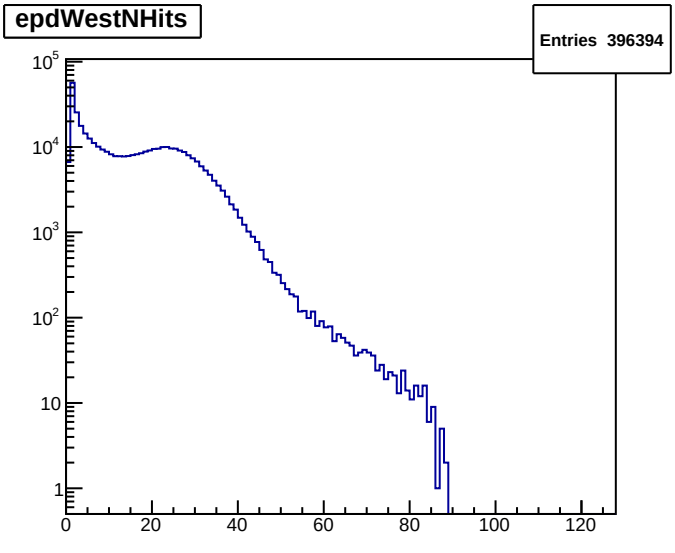
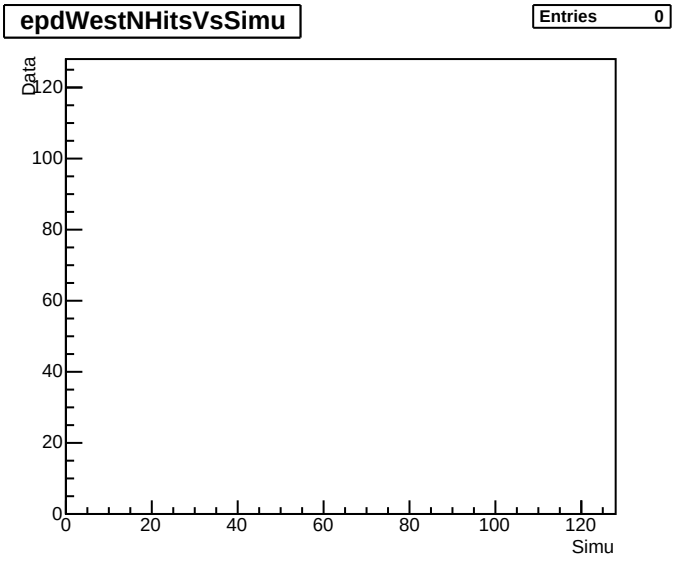
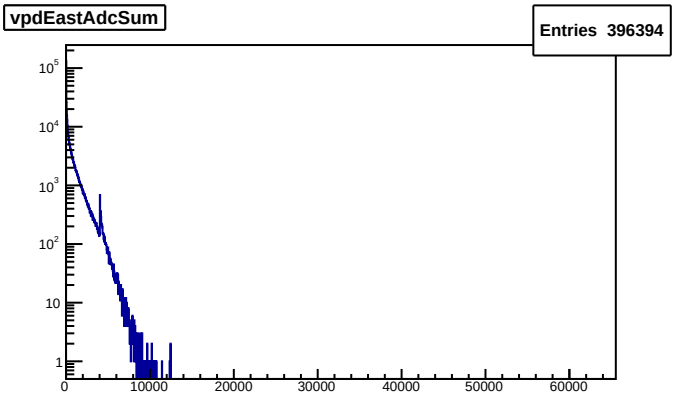
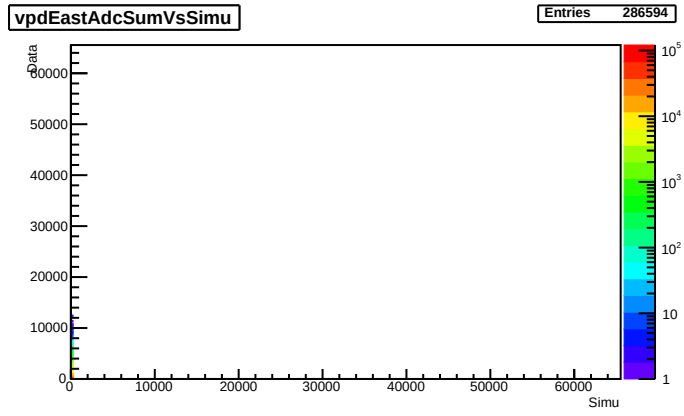
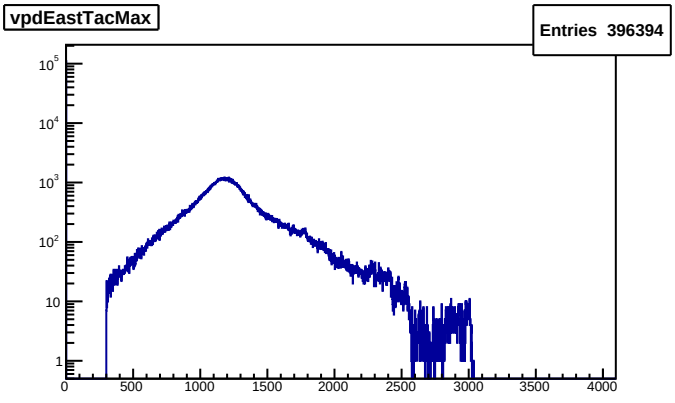
Entries 0
Data
Simu

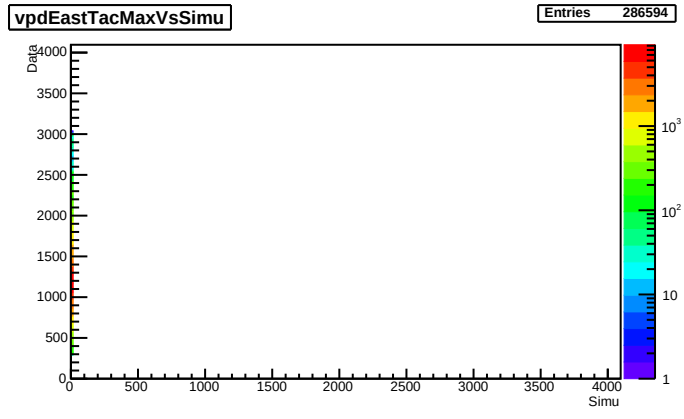

epdWestNHits
Entries 396394

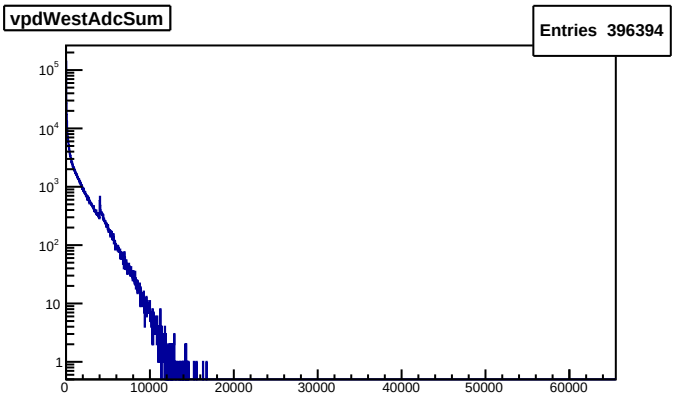

epdWestNHitsVsSimu
Entries 0
Data
Simu

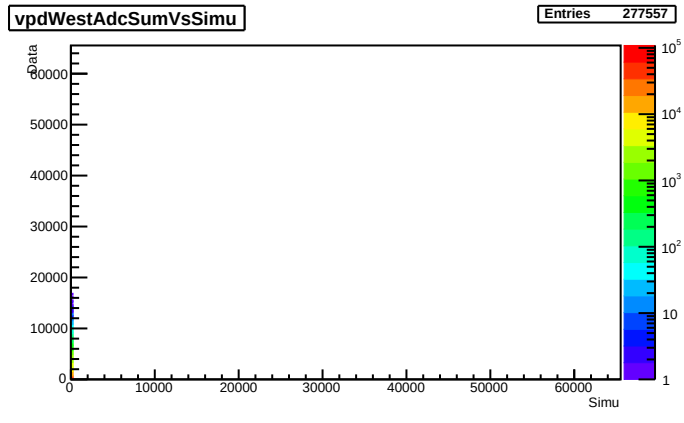

vpdEastAdcSum
Entries 396394

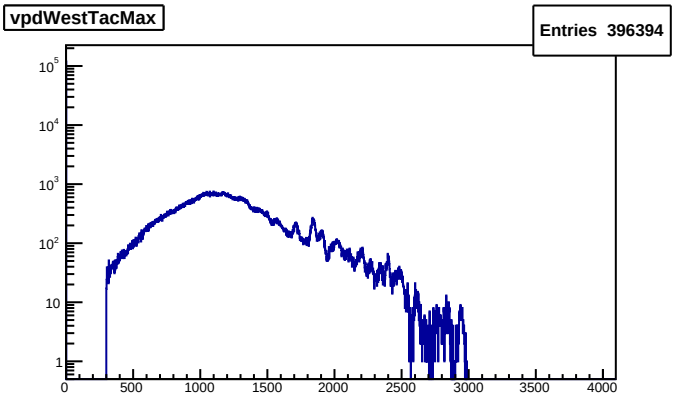

vpdEastAdcSumVsSimu
Entries 286594
Data
Simu

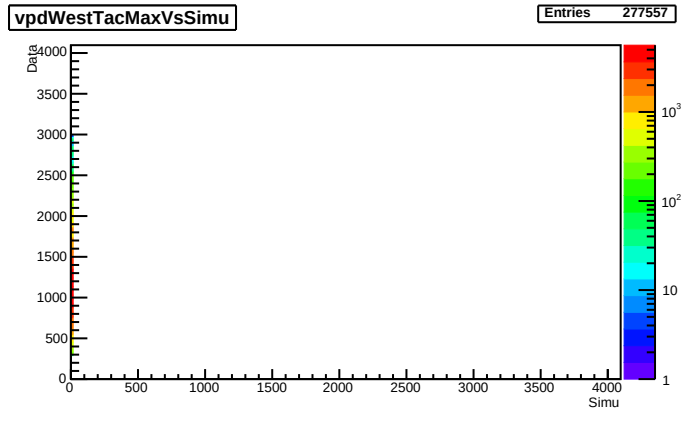

vpdEastTacMax
Entries 396394

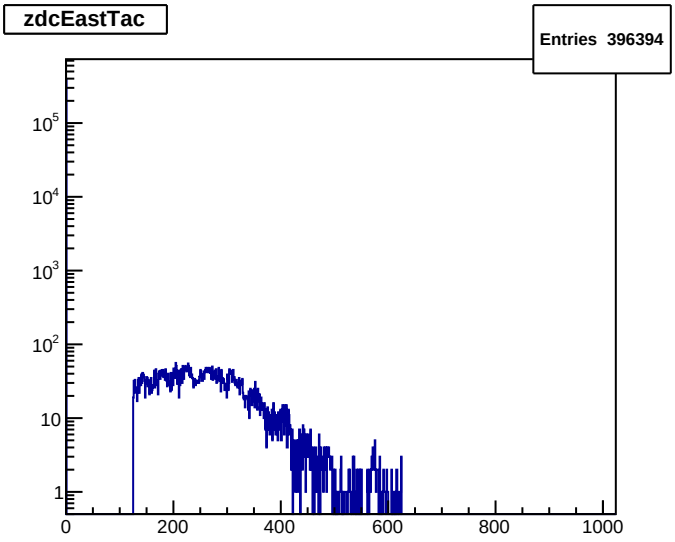

vpdEastTacMaxVsSimu
Entries 286594
Data
Simu

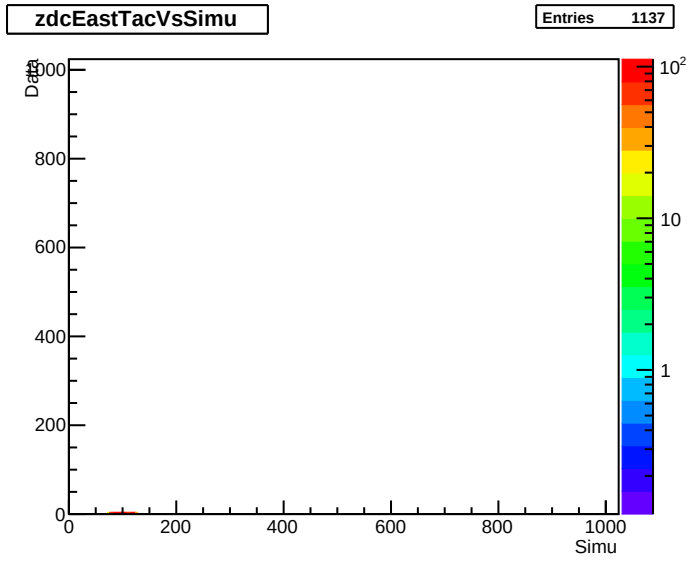

vpdWestAdcSum
Entries 396394

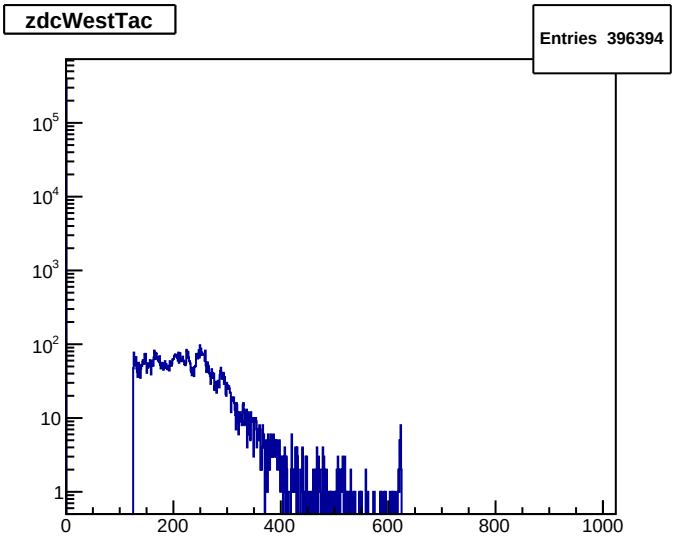

vpdWestAdcSumVsSimu
Entries 277557
Data
Simu

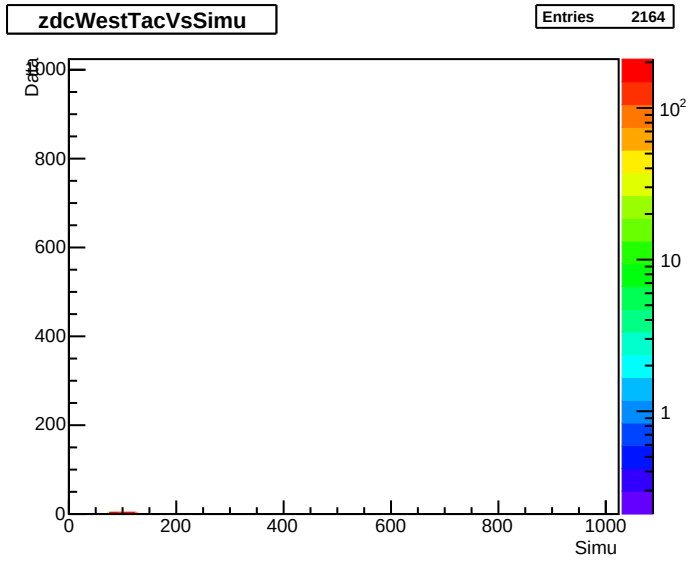

vpdWestTacMax
Entries 396394

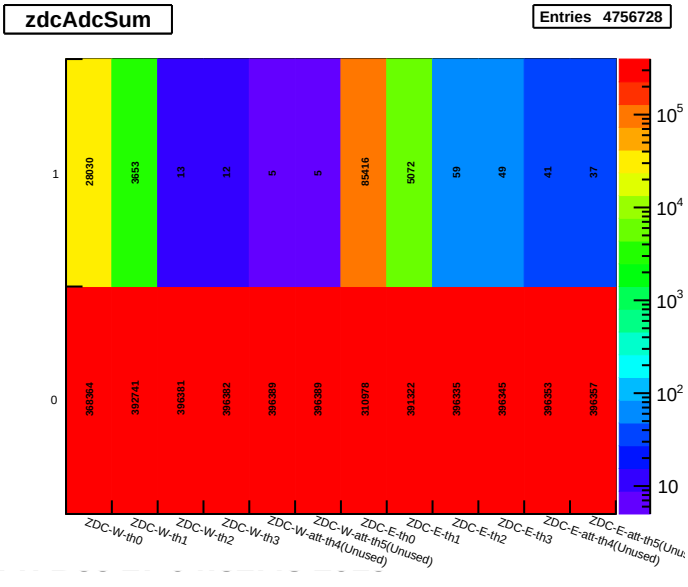

vpdWestTacMaxVsSimu
Entries 277557
Data
Simu

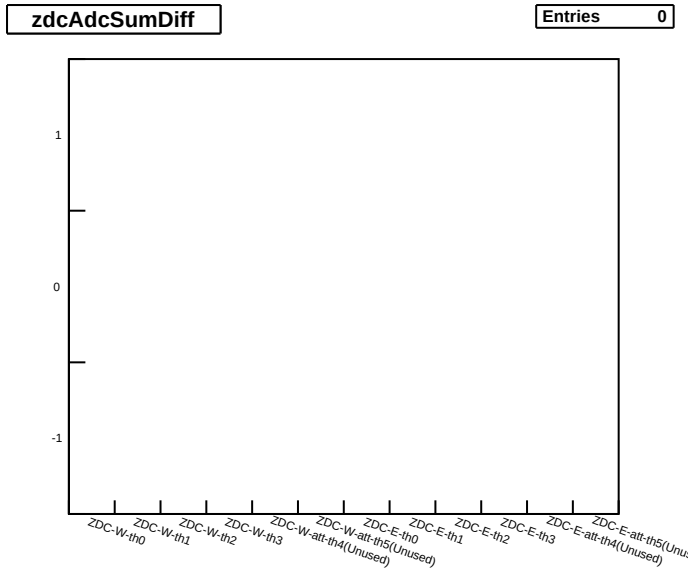

zdcEastTac
Entries 396394

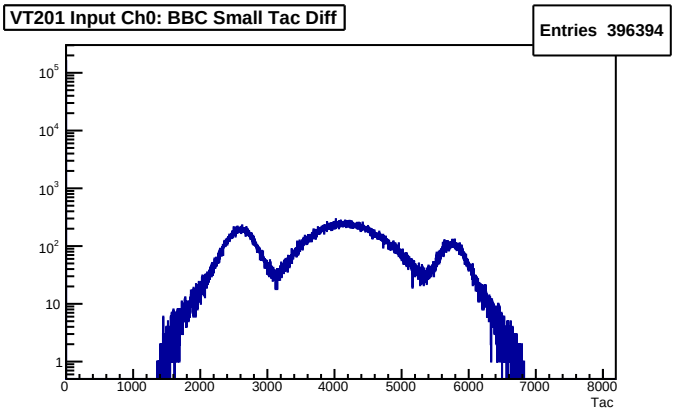

zdcEastTacVsSimu
Entries 1137
Data
Simu

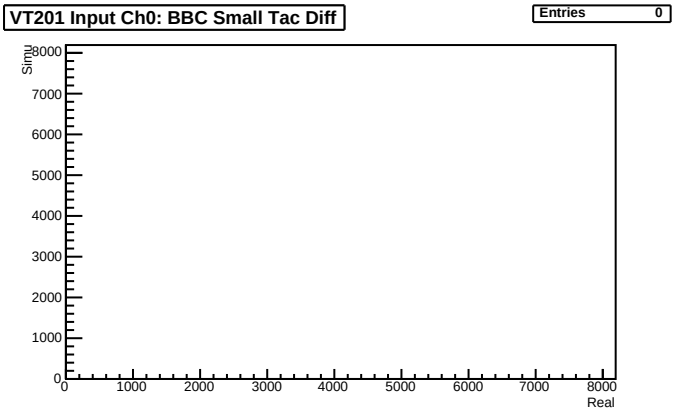

zdcWestTac
Entries 396394

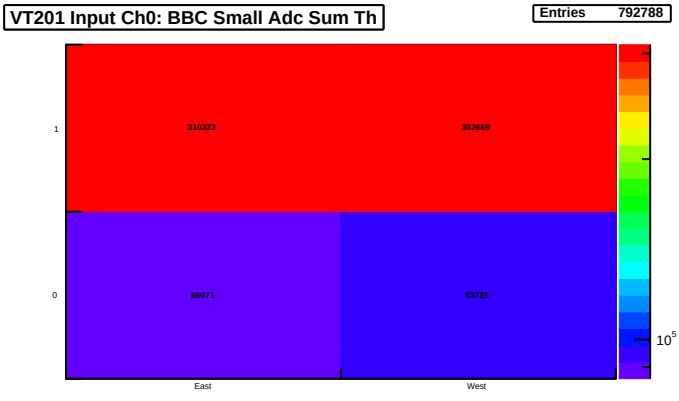

zdcWestTacVsSimu
Entries 2164
Data
Simu

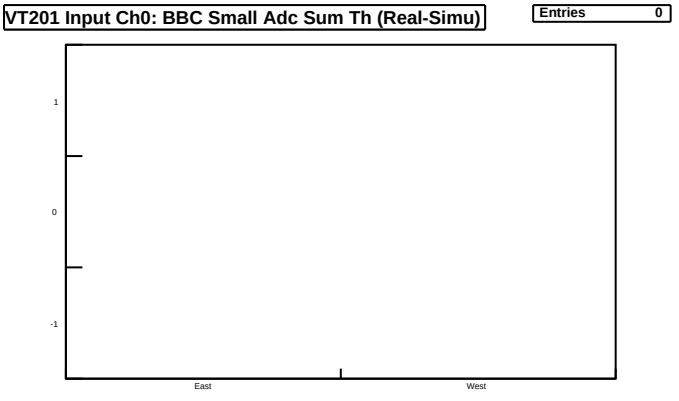

zdcAdcSum
Entries 4756728
28030
3653
13
12
5
5
85416
5072
59
49
41
37
368364
392741
396381
396382
396389
396389
310978
391322
396335
396345
396353
396357
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

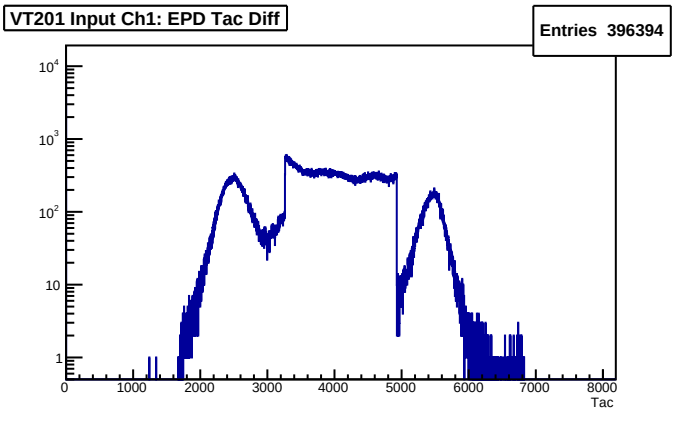

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

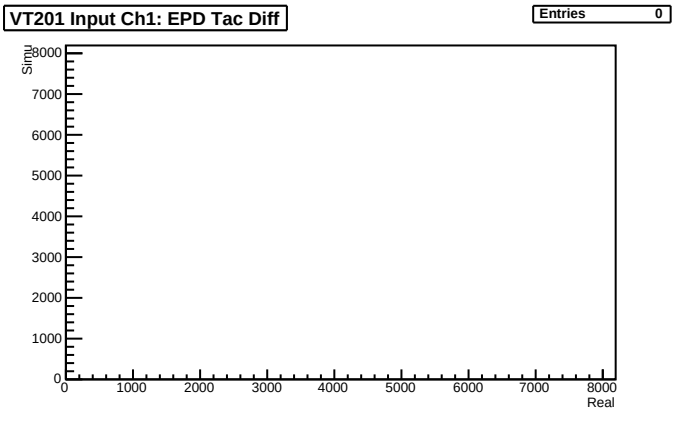

VT201 Input Ch0: BBC Small Tac Diff
Entries 396394
Tac

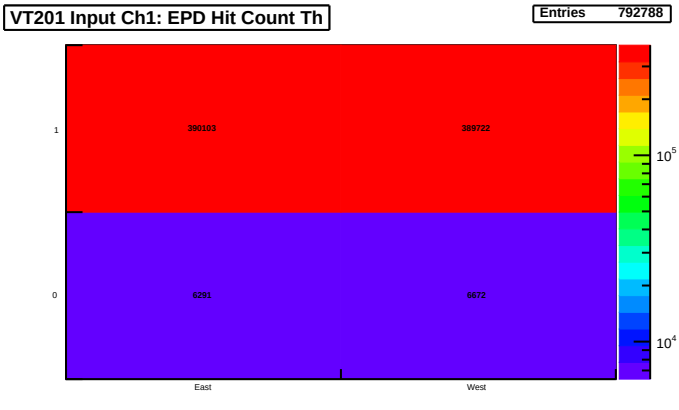

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

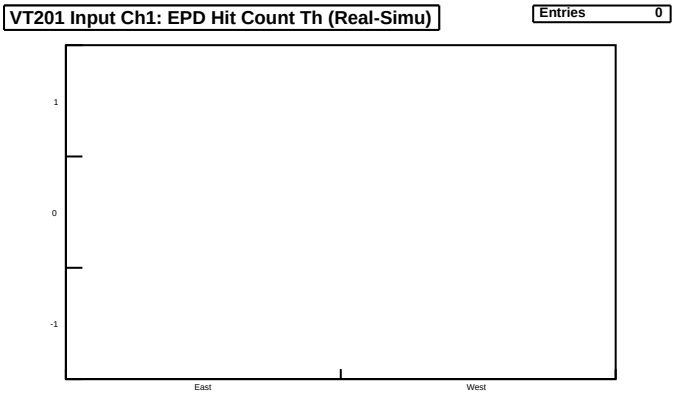

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 792788
310323
302669
86071
93725
East
West

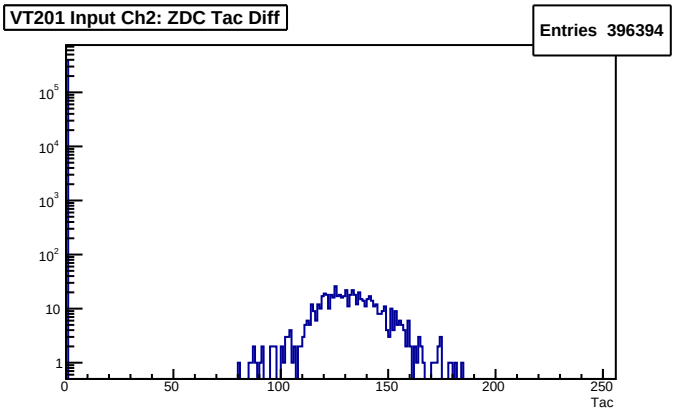

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

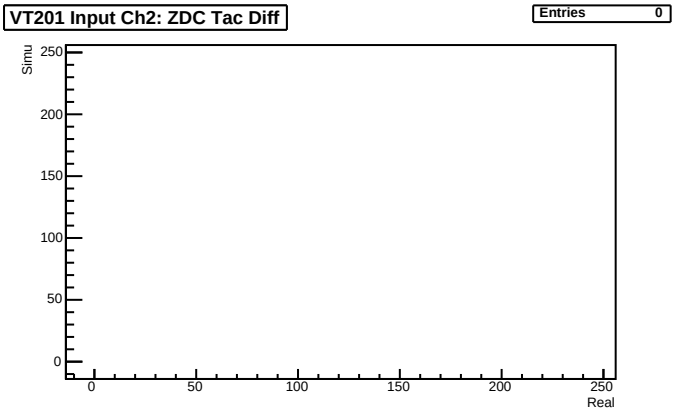

VT201 Input Ch1: EPD Tac Diff
Entries 396394
Tac

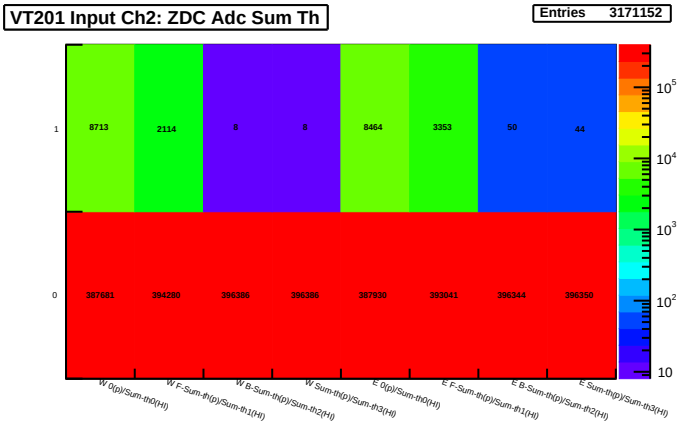

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

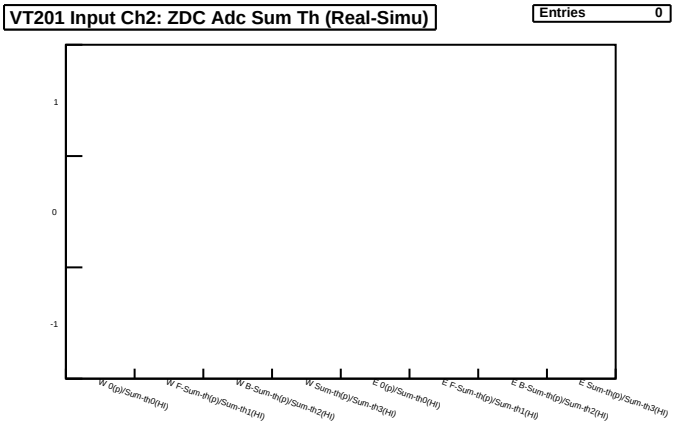

VT201 Input Ch1: EPD Hit Count Th
Entries 792788
390103
389722
6291
6672
East
West

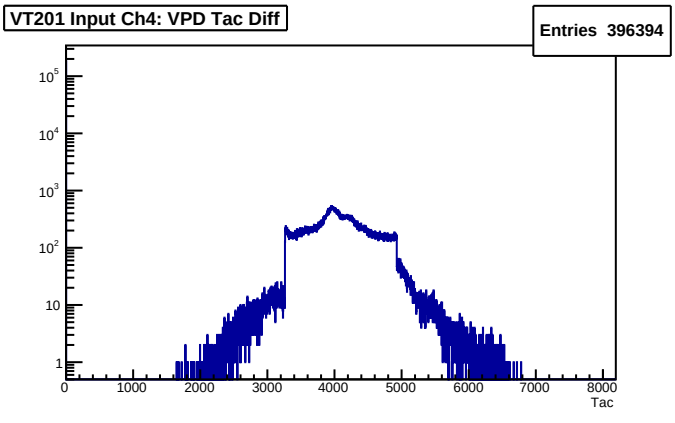

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

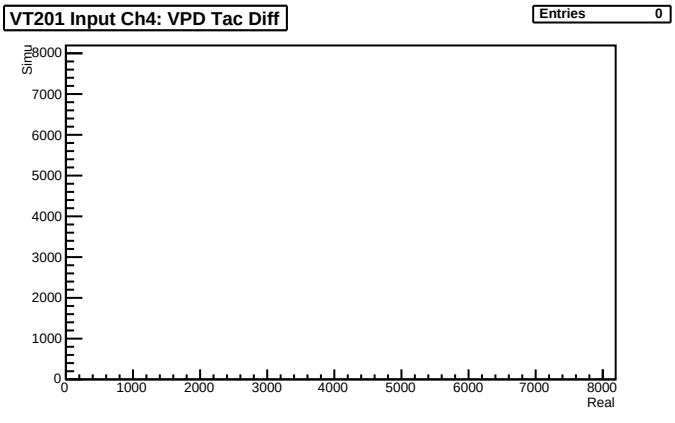

VT201 Input Ch2: ZDC Tac Diff
Entries 396394
Tac

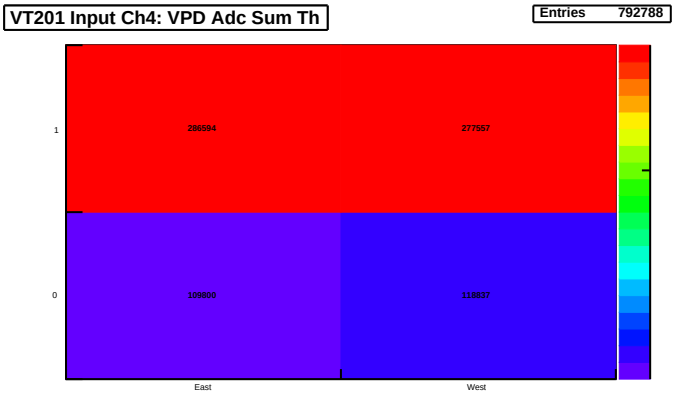

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

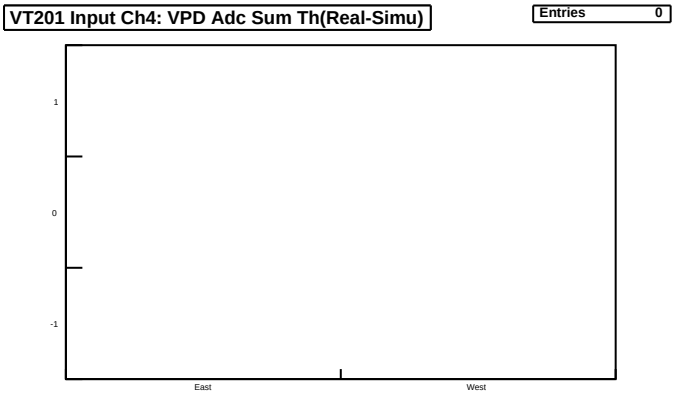

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3171152
8713
2114
8
8
8464
3353
50
44
387681
394280
396386
396386
387930
393041
396344
396350
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

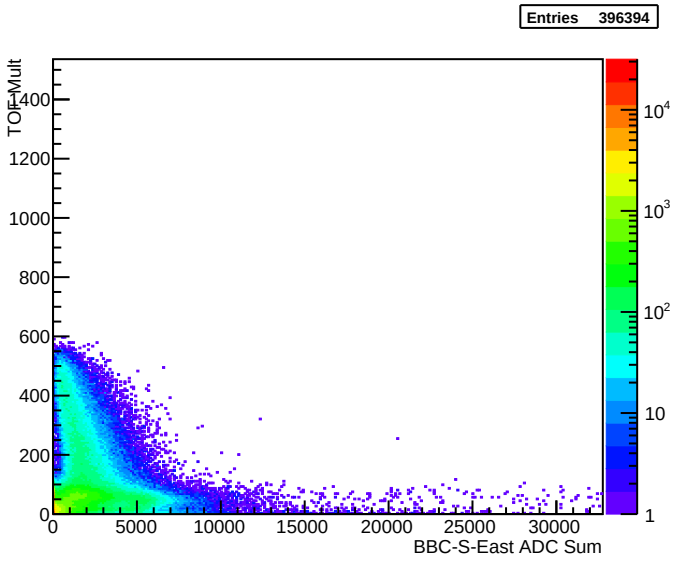

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

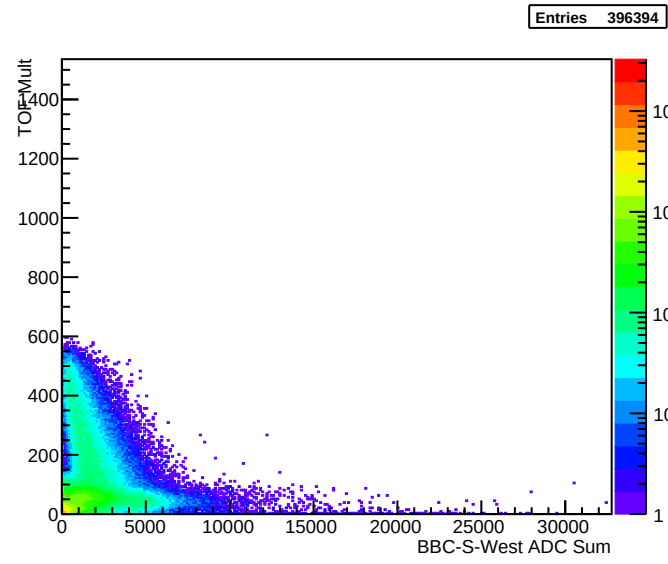

VT201 Input Ch4: VPD Tac Diff
Entries 396394
Tac

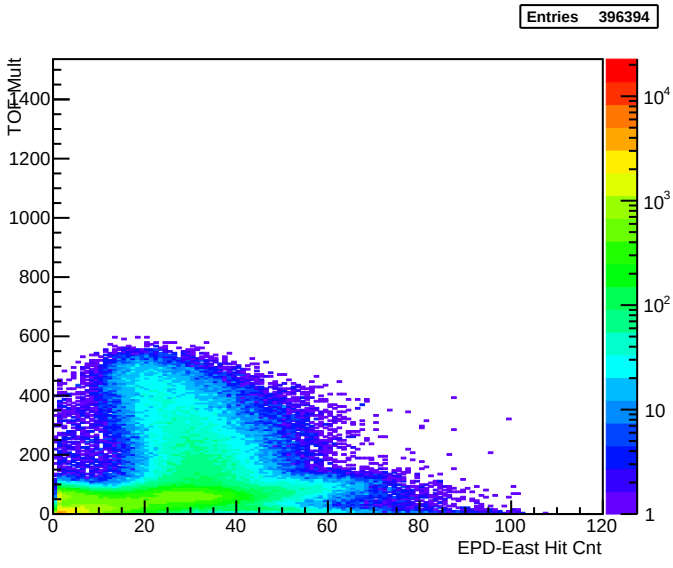

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

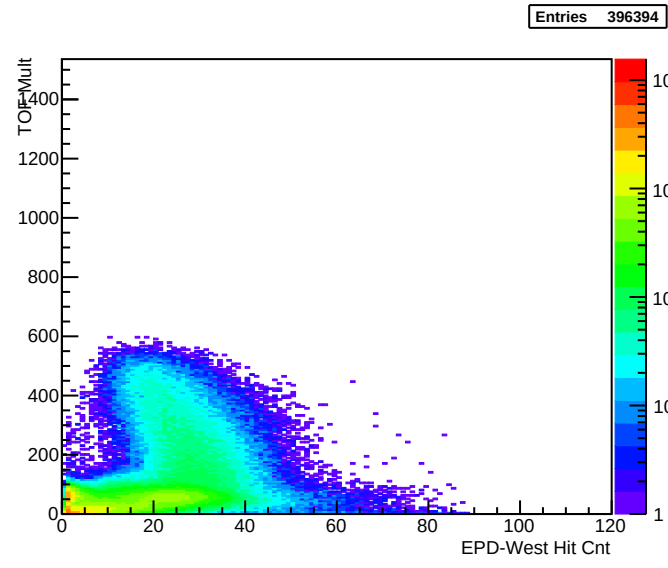

VT201 Input Ch4: VPD Adc Sum Th
Entries 792788
286594
277557
109800
118837
East
West

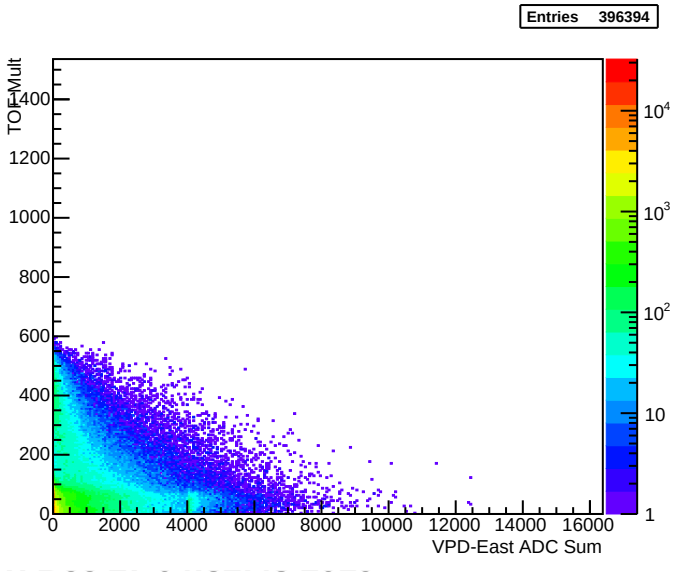

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

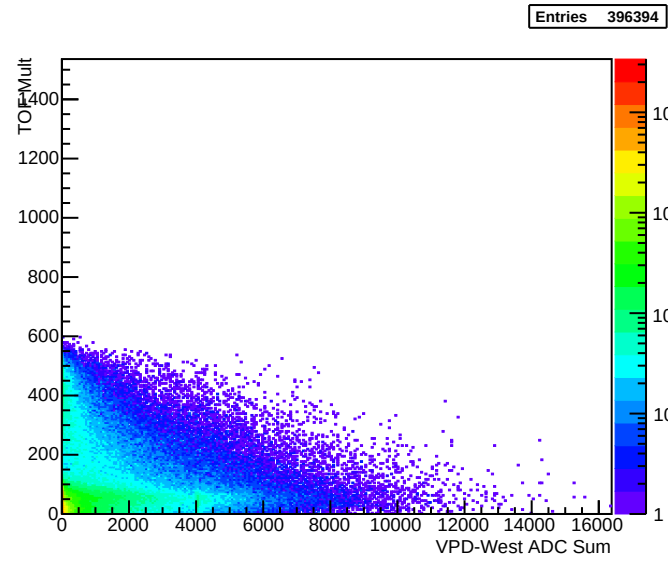

Entries 396394
TOF-Mult
BBC-S-East ADC Sum

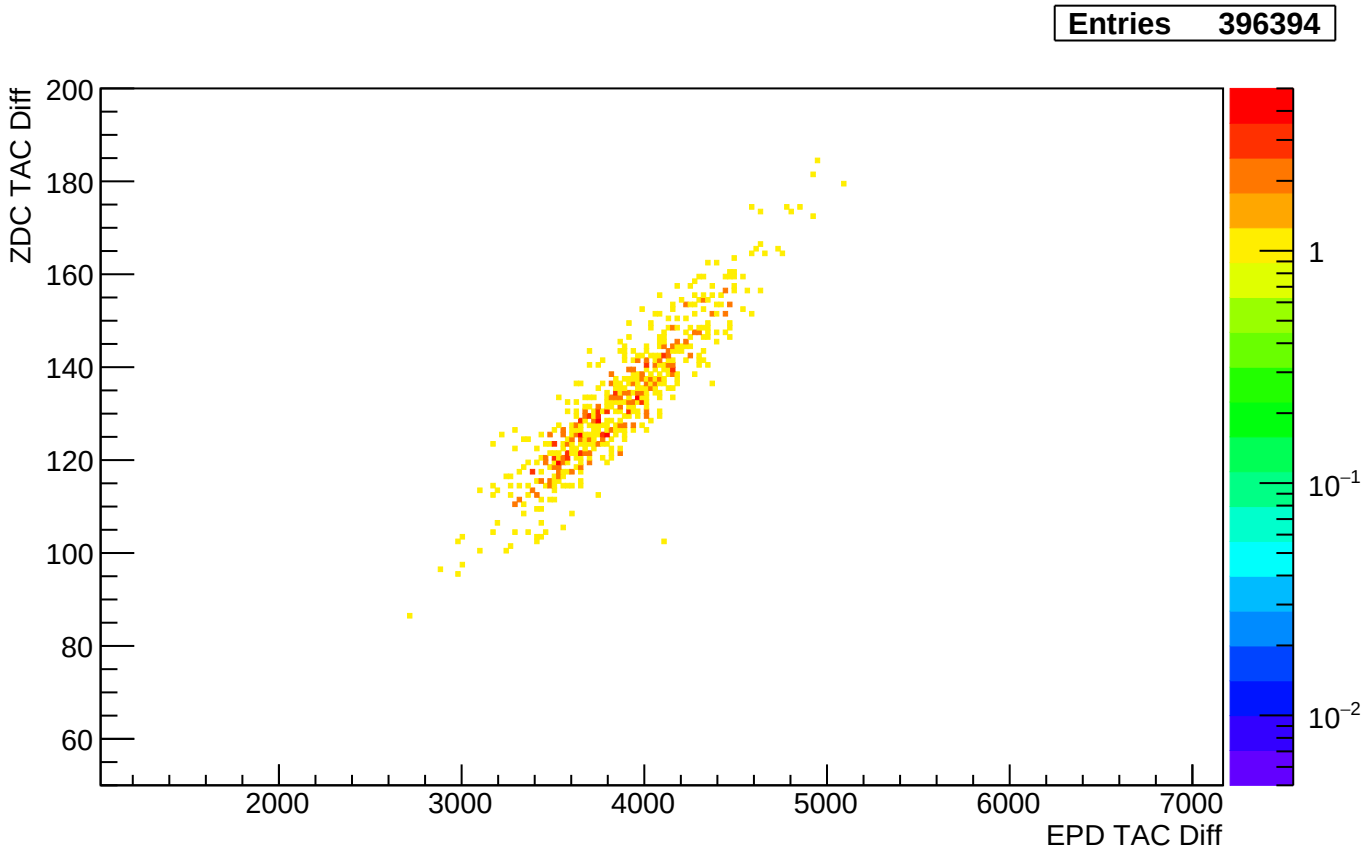

Entries 396394
TOF-Mult
BBC-S-West ADC Sum

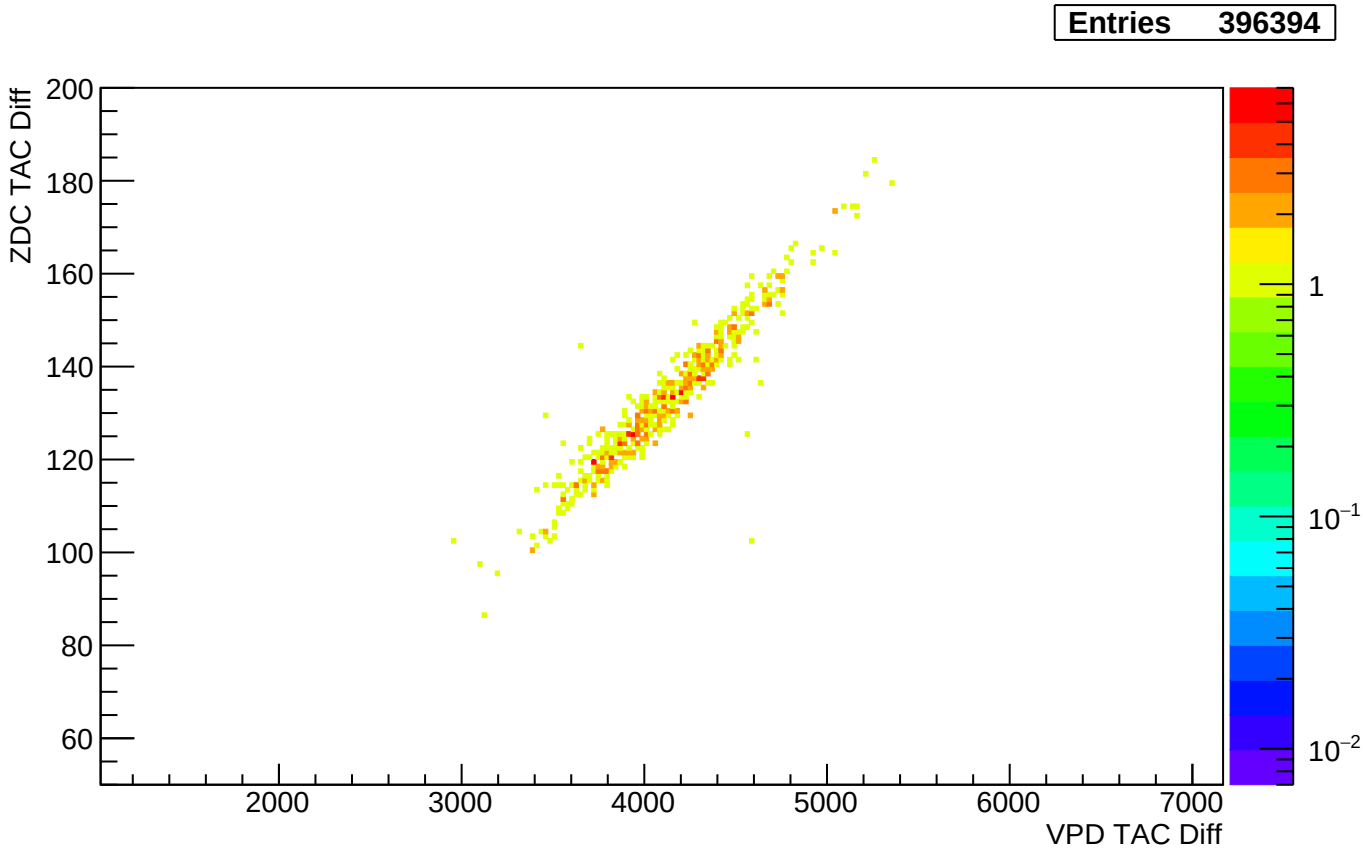

Entries 396394
TOF-Mult
EPD-East Hit Cnt

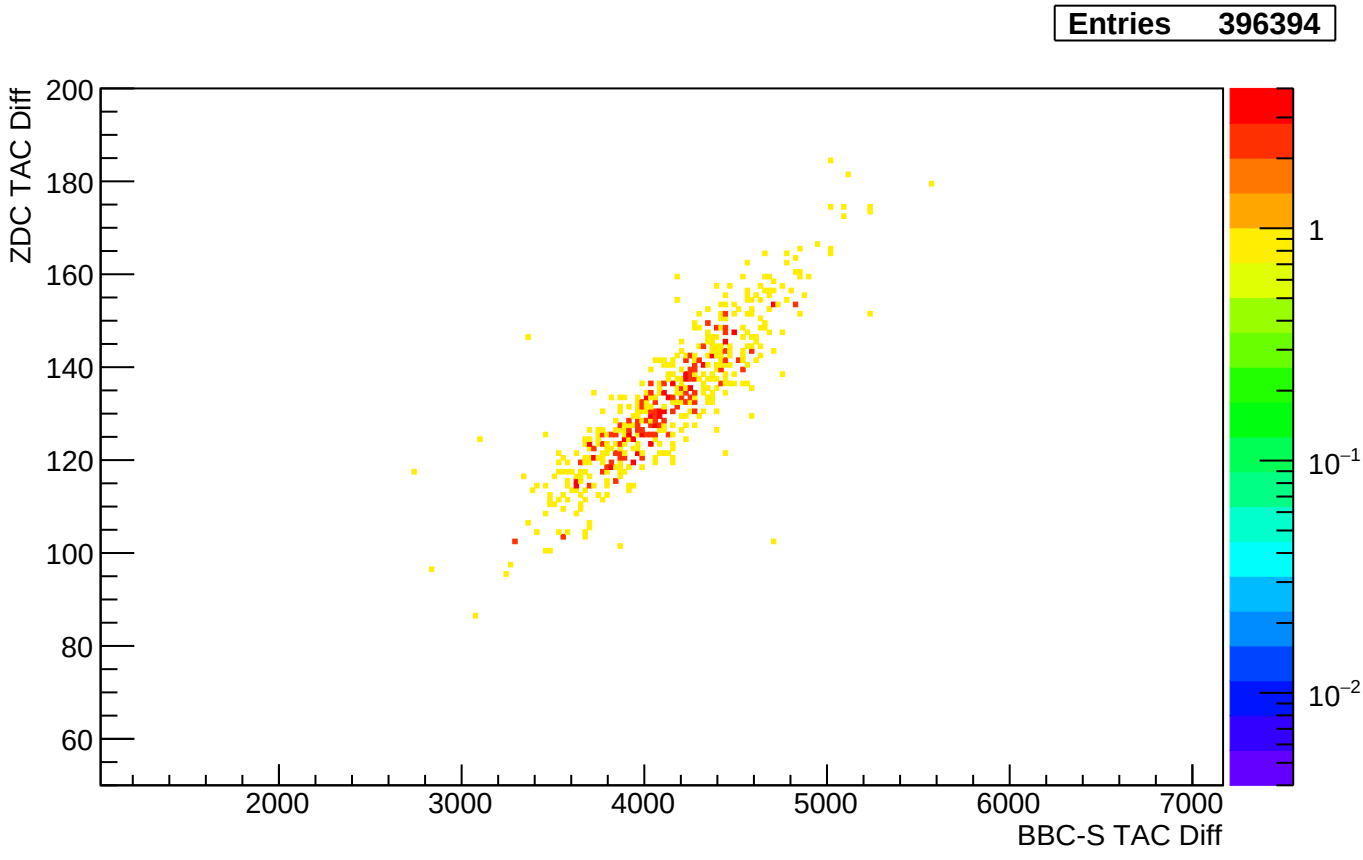

Entries 396394
TOF-Mult
EPD-West Hit Cnt

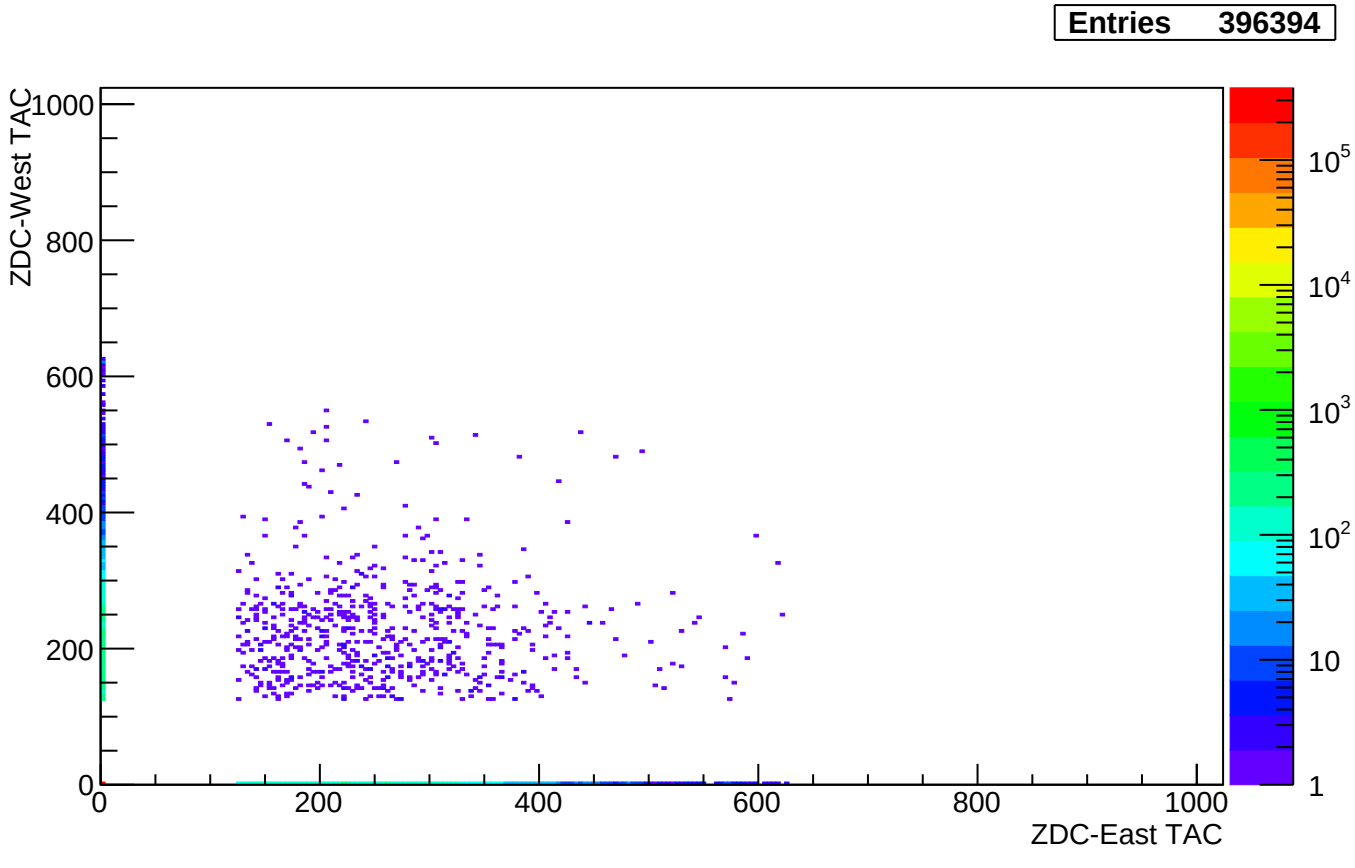

Entries 396394
TOF-Mult
VPD-East ADC Sum

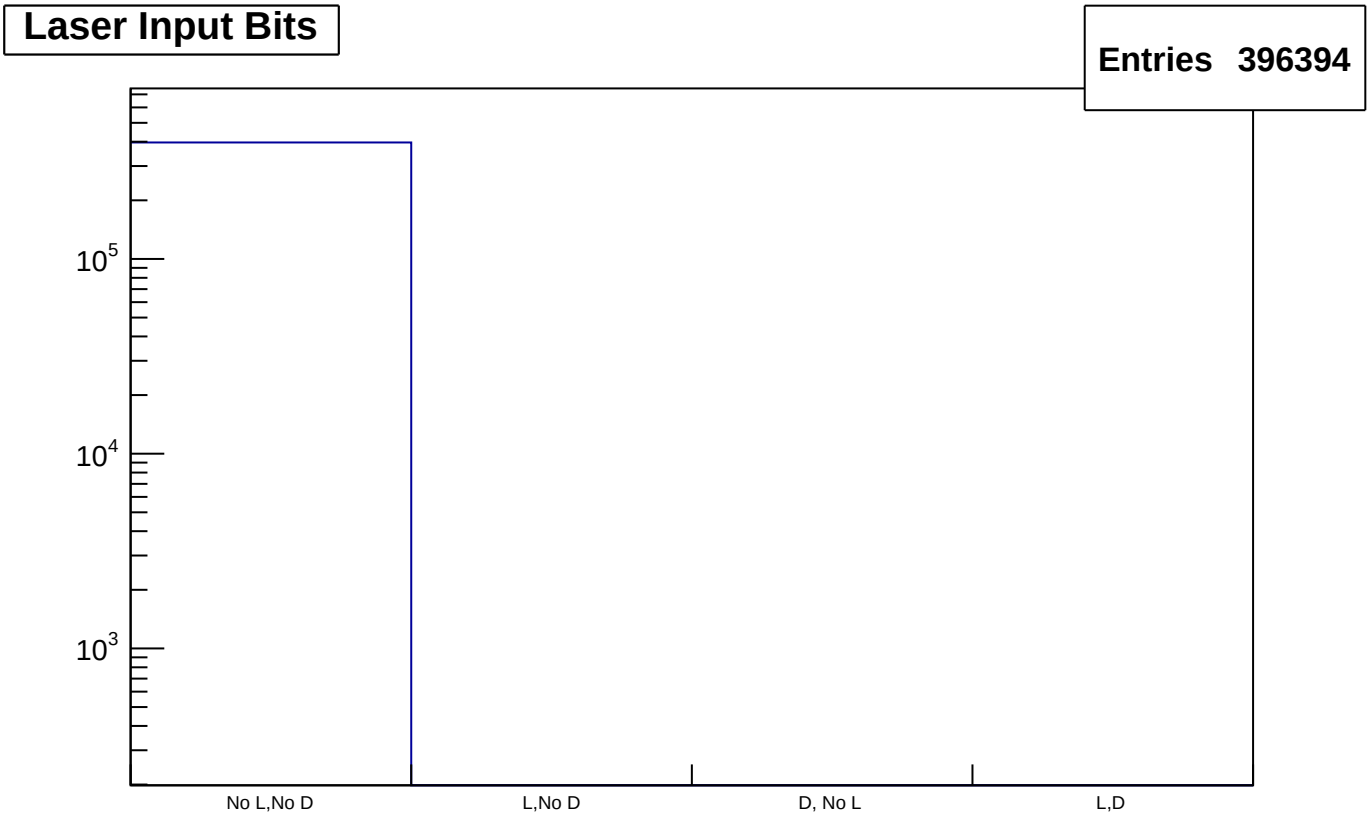

Entries 396394
TOF-Mult
VPD-West ADC Sum

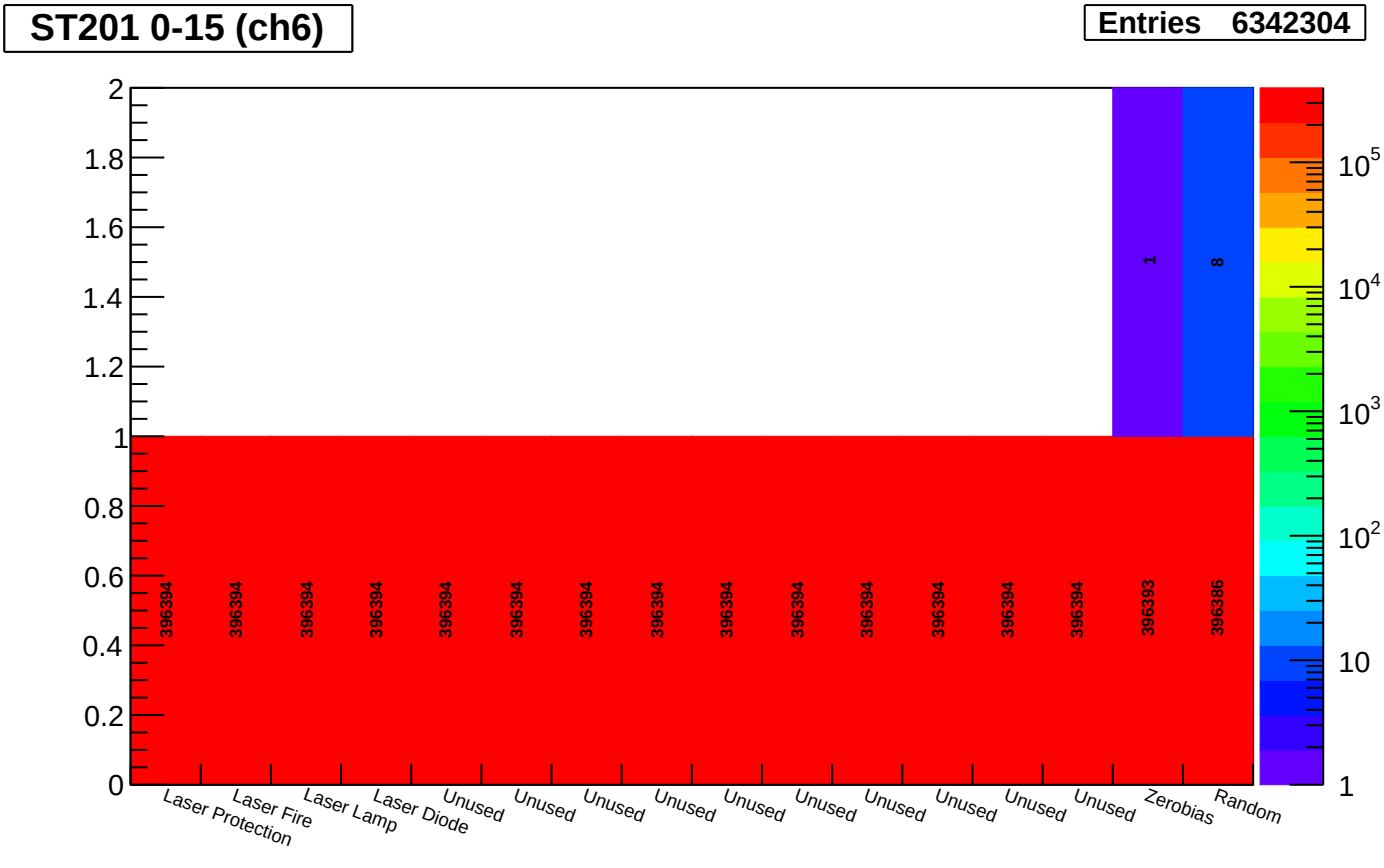

Entries 396394
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

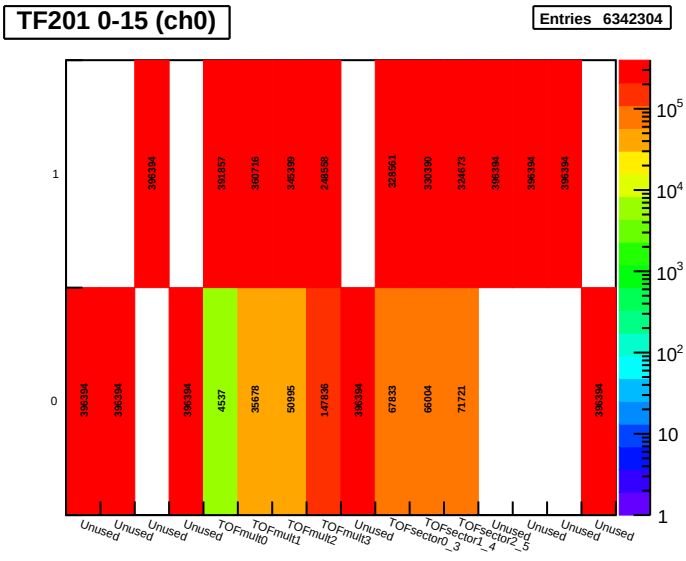

Entries 396394
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

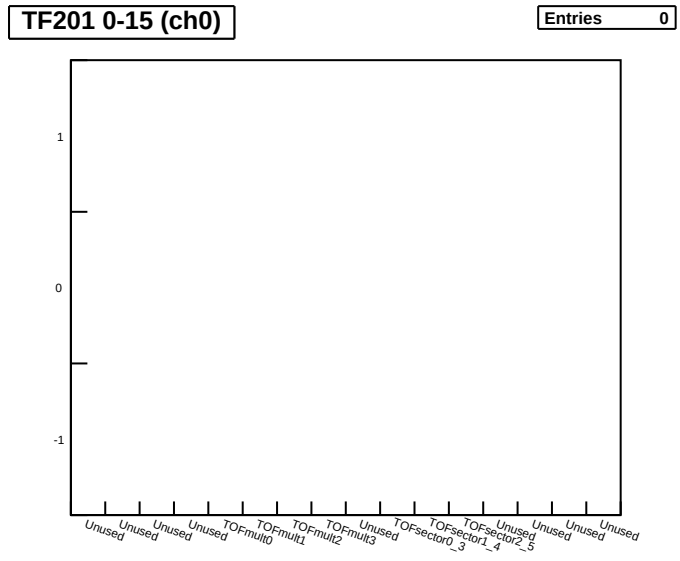

Entries 396394
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

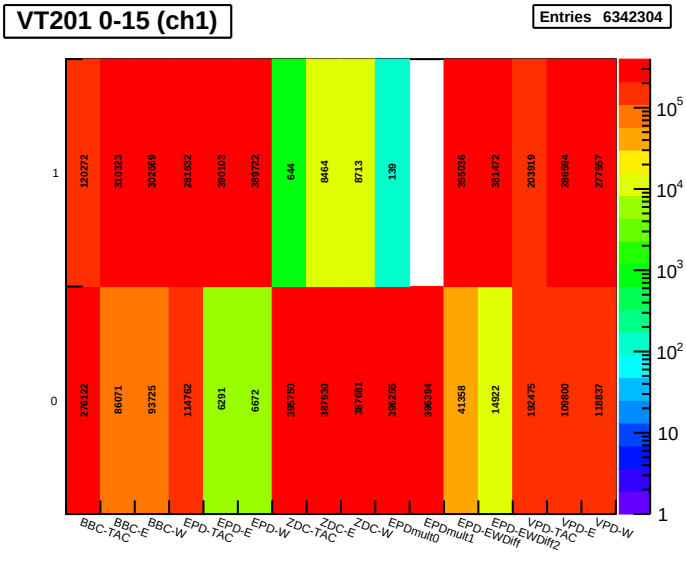

Entries 396394
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

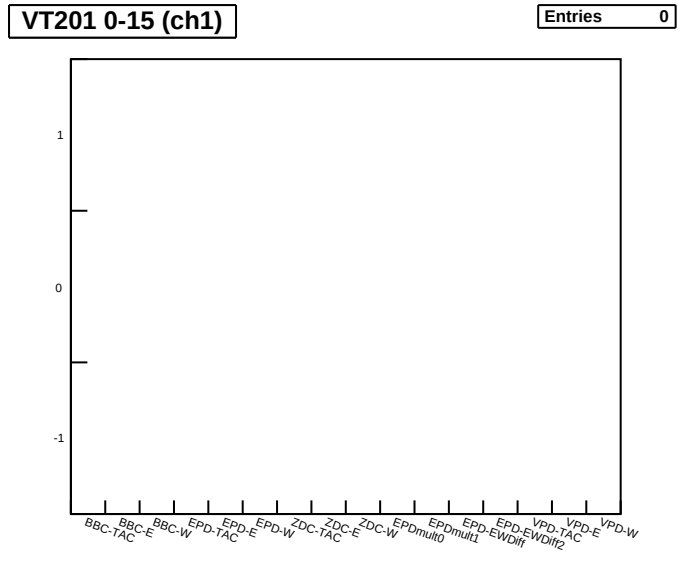

Laser Input Bits
Entries 396394
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

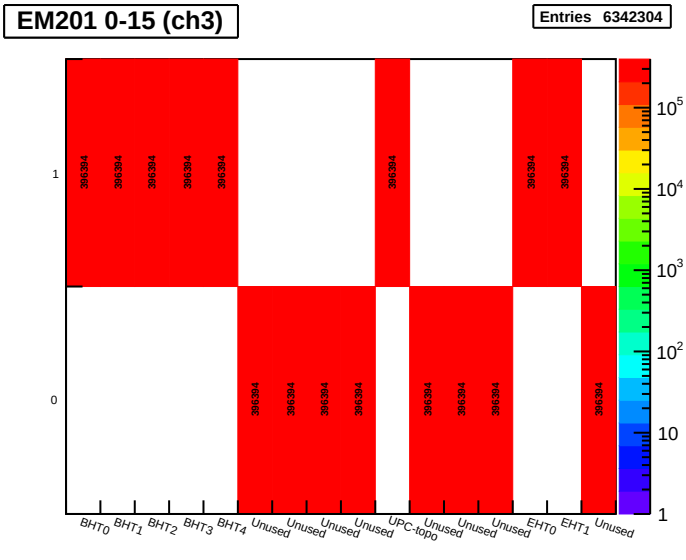

ST201 0-15 (ch6)
Entries 6342304
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
396394
396394
396394
396394
396394
396394
396394
396394
396394
396394
396394
396394
396394
396394
396393
396386
1
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

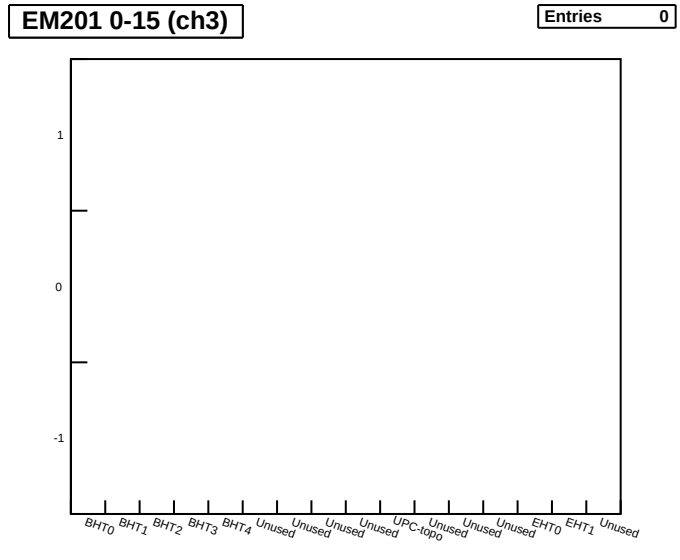

TF201 0-15 (ch0)
Entries 6342304
1
0
396394 396394 396394 396394 331857 360716 346399 248558 328561 330390 324673 396394 396394 396394
4537 35678 50995 147836 67833 66004 71721
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused 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 6342304
1
0
120272 310323 302669 281632 390103 389722 644 8464 8713 139 355056 381472 203919 286594 277557
276122 86071 93725 114762 6291 6672 395750 387930 387681 396255 396394 41358 14922 192475 109800 118837
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 6342304
1
0
396394 396394 396394 396394 396394 396394 396394 396394 396394
396394 396394 396394 396394 396394 396394 396394 396394
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