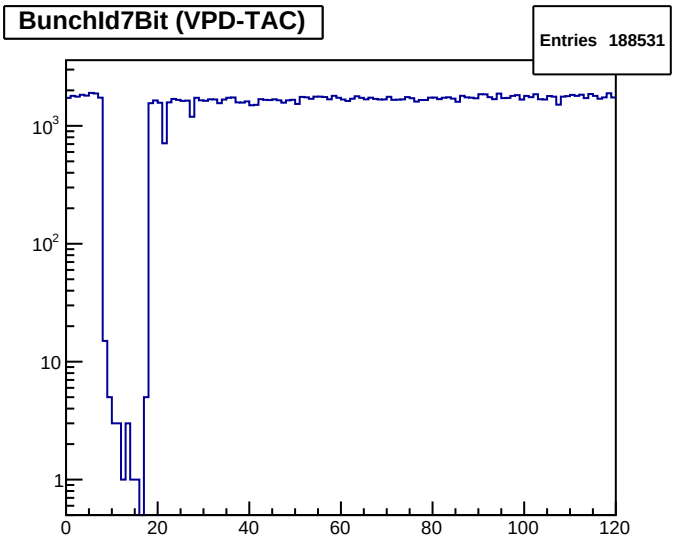
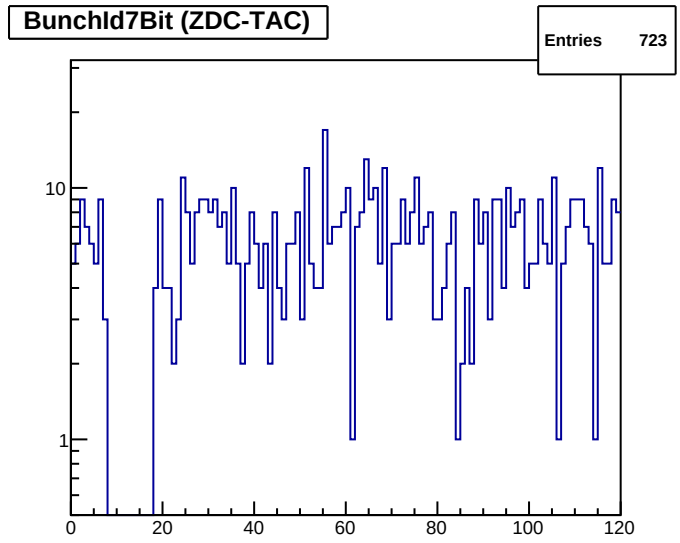
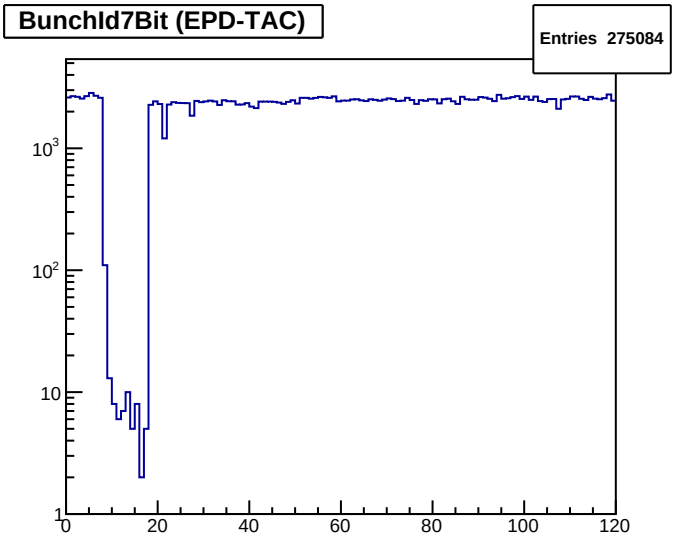
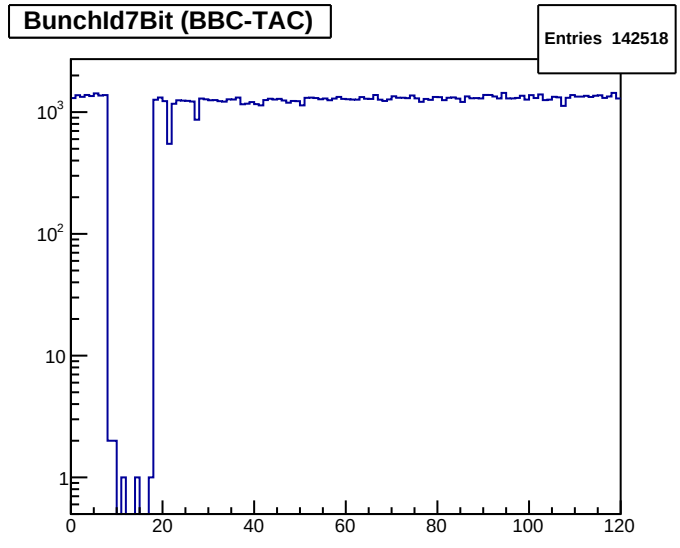
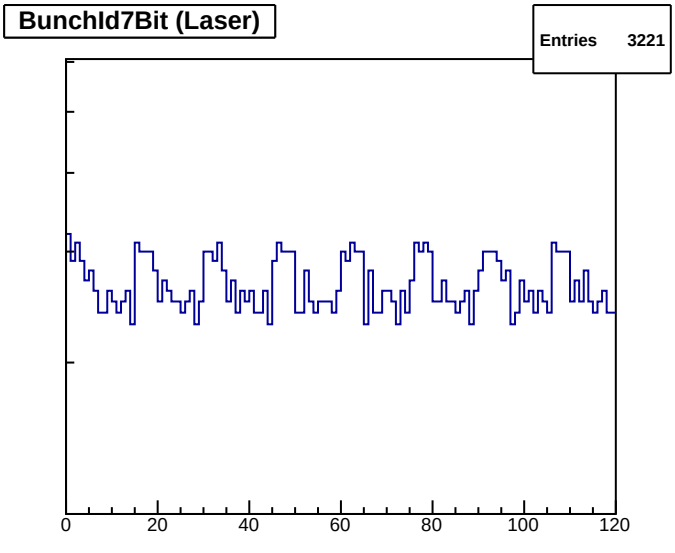
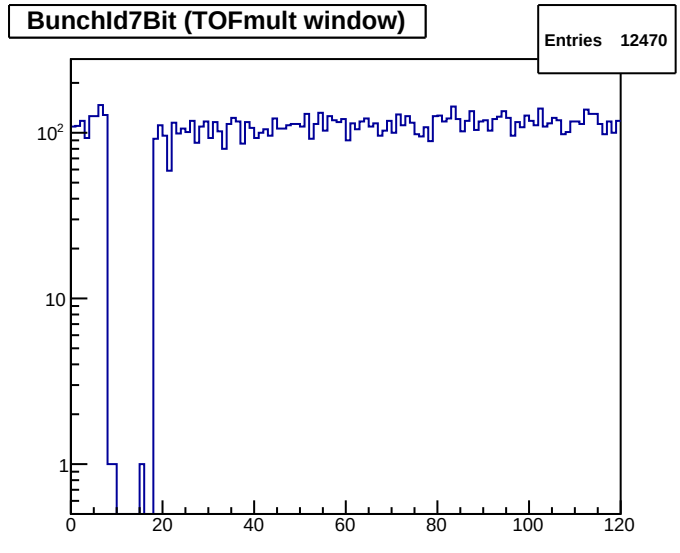

BunchId7Bit (VPD-TAC)
Entries 188531

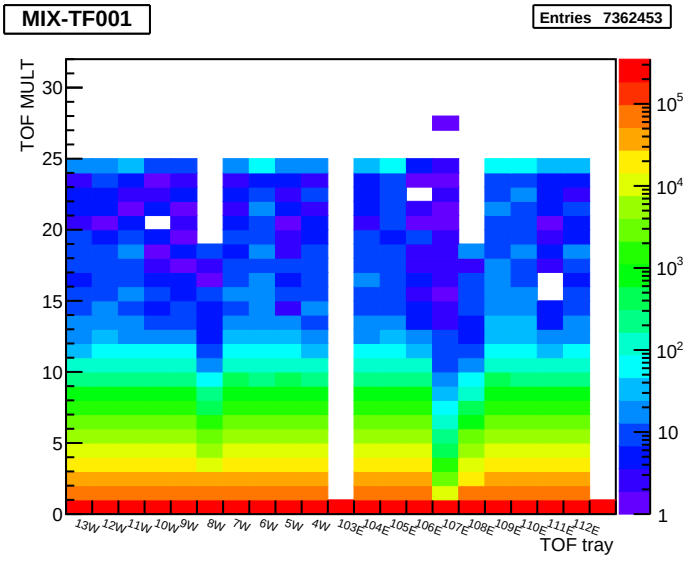

BunchId7Bit (ZDC-TAC)
Entries 723

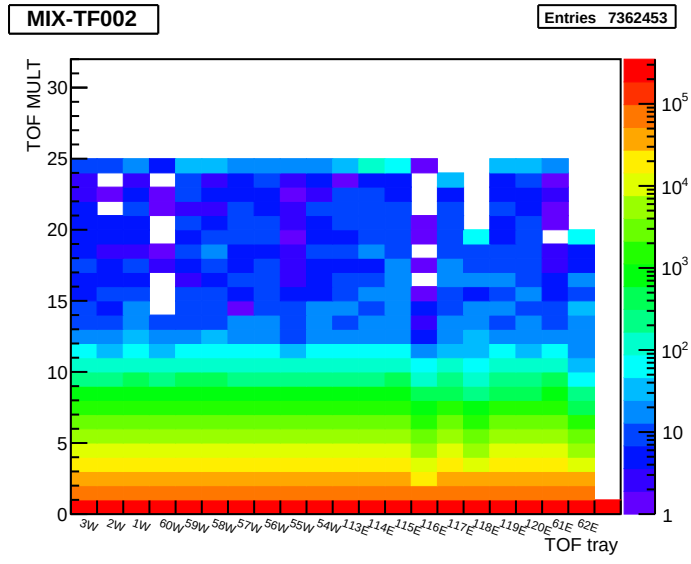

BunchId7Bit (EPD-TAC)
Entries 275084

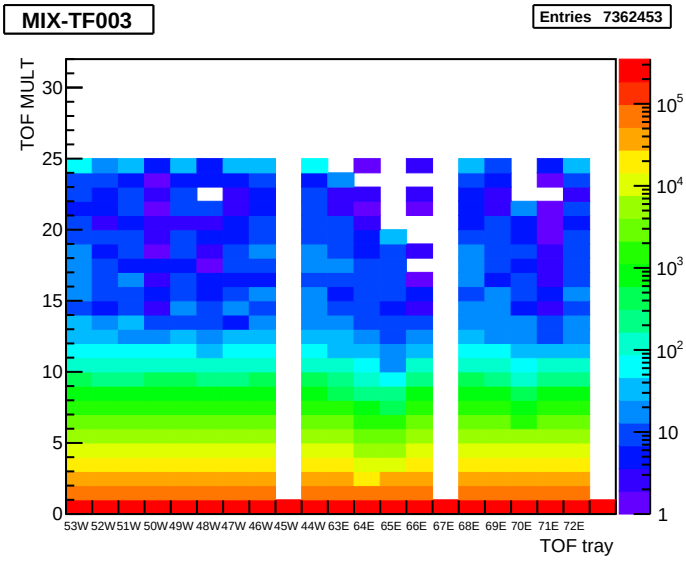

BunchId7Bit (BBC-TAC)
Entries 142518

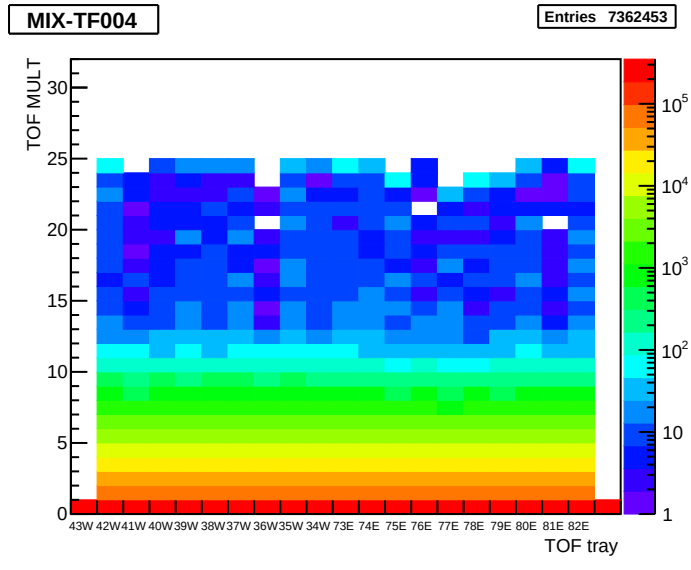

BunchId7Bit (Laser)
Entries 3221

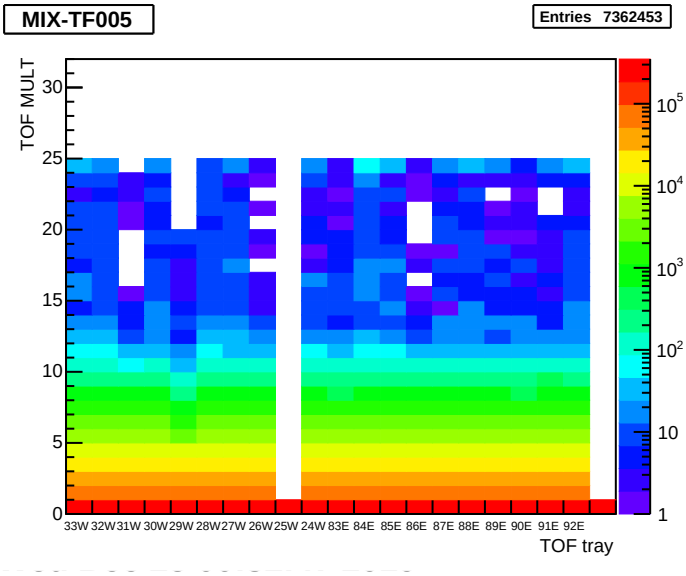

BunchId7Bit (TOFmult window)
Entries 12470

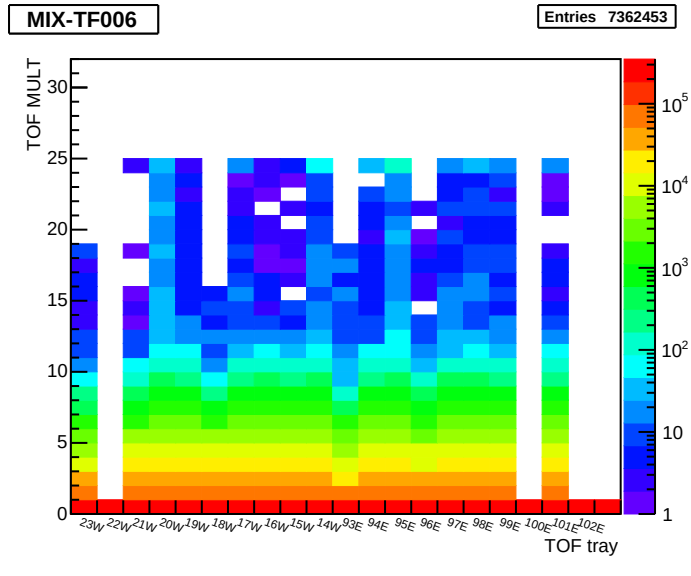

MIX-TF001
Entries 7362453
TOF MULT
TOF tray

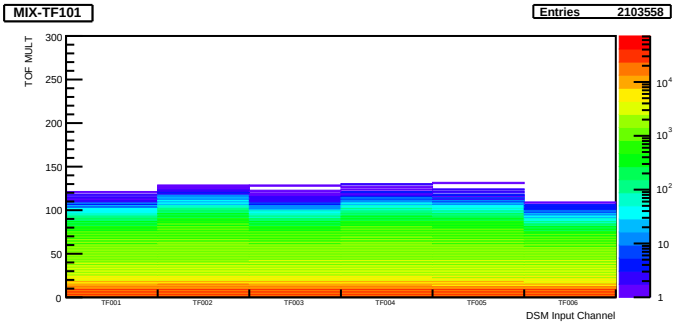

MIX-TF002
Entries 7362453
TOF MULT
TOF tray

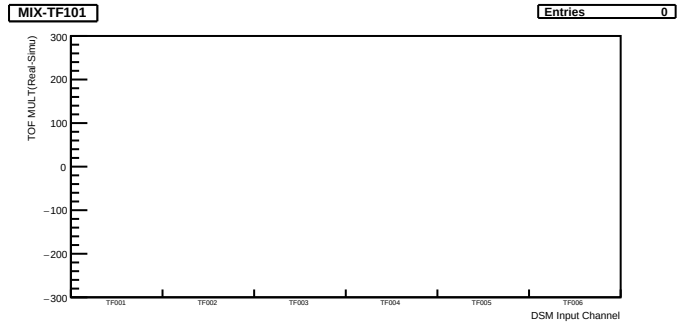

MIX-TF003
Entries 7362453
TOF MULT
TOF tray

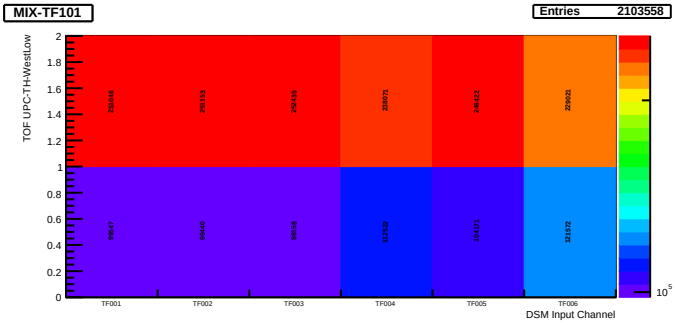

MIX-TF004
Entries 7362453
TOF MULT
TOF tray

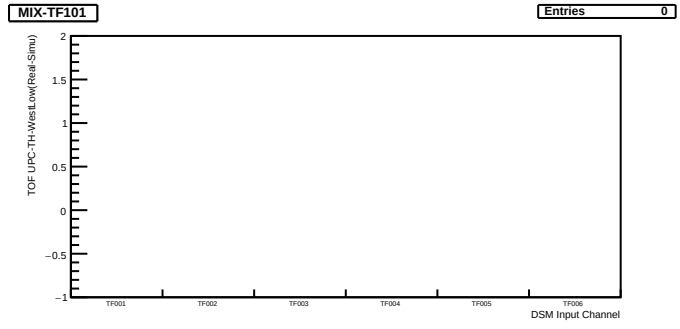

MIX-TF005
Entries 7362453
TOF MULT
TOF tray

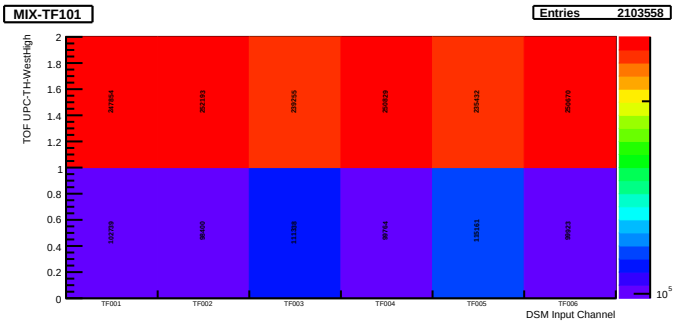

MIX-TF006
Entries 7362453
TOF MULT
TOF tray

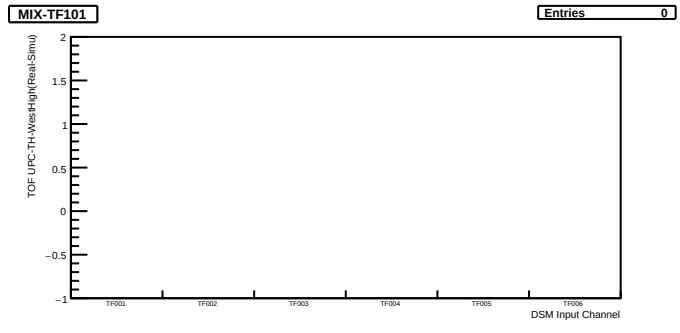

MIX-TF101
Entries 2103558
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

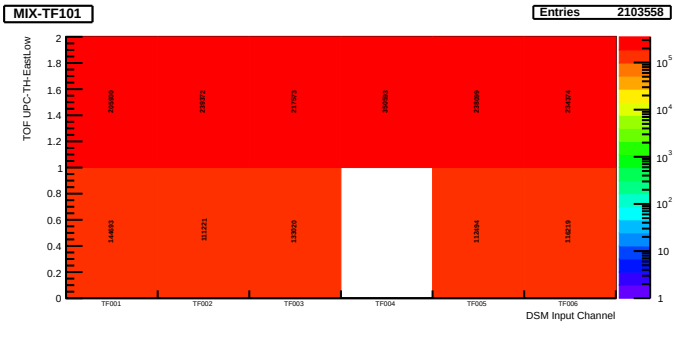

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

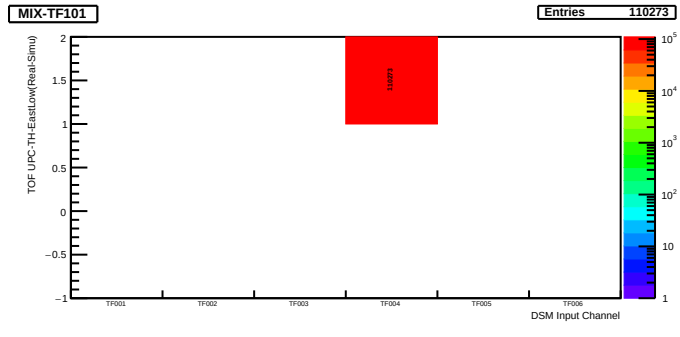

MIX-TF101
Entries 2103558
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

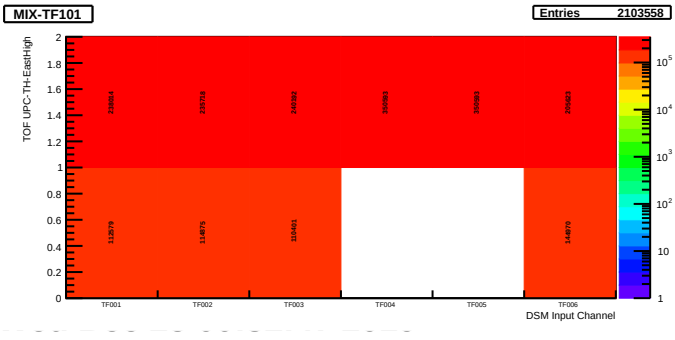

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

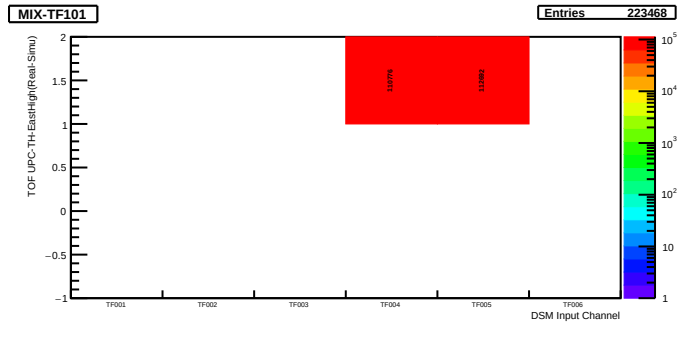

MIX-TF101
Entries 2103558
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

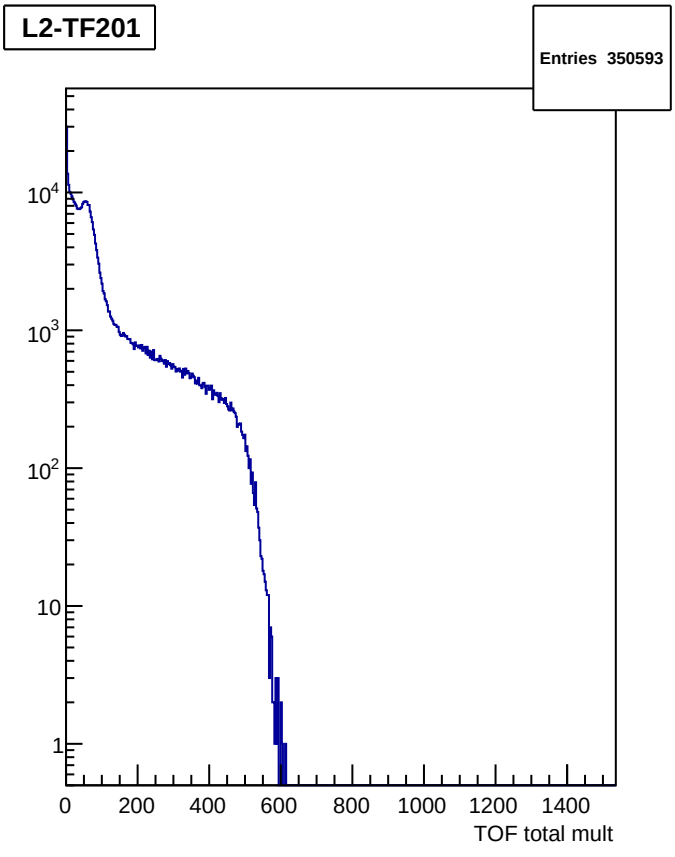

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

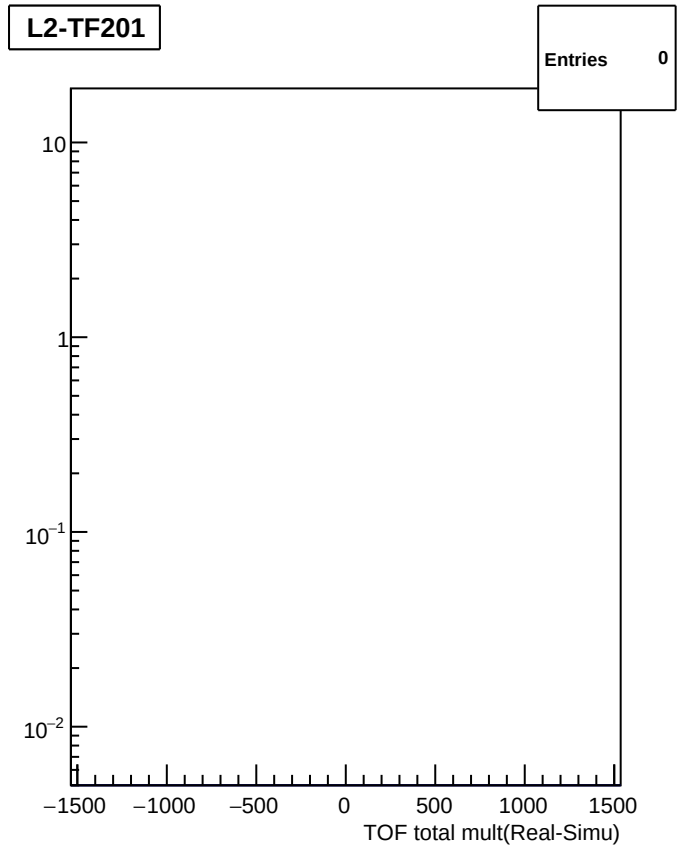

MIX-TF101
Entries 2103558
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

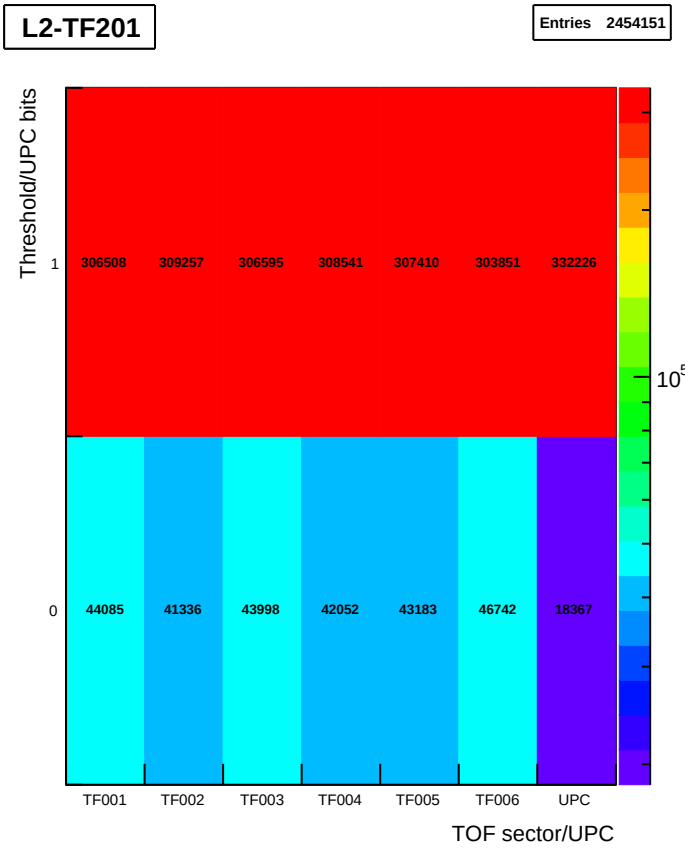

MIX-TF101
Entries 110273
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

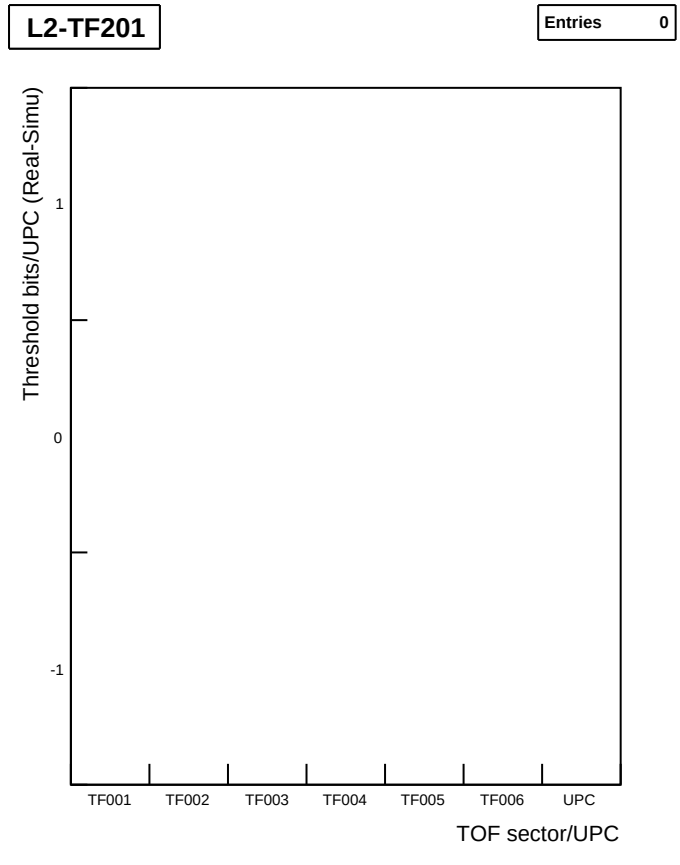

MIX-TF101
Entries 2103558
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

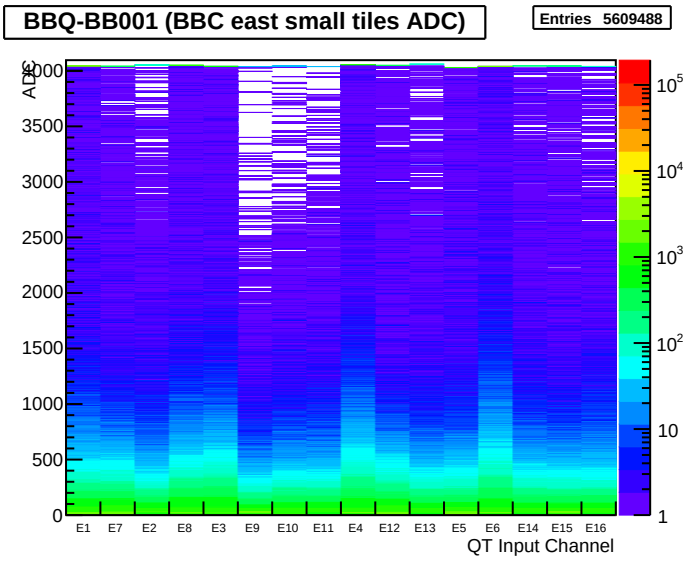

MIX-TF101
Entries 223468
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

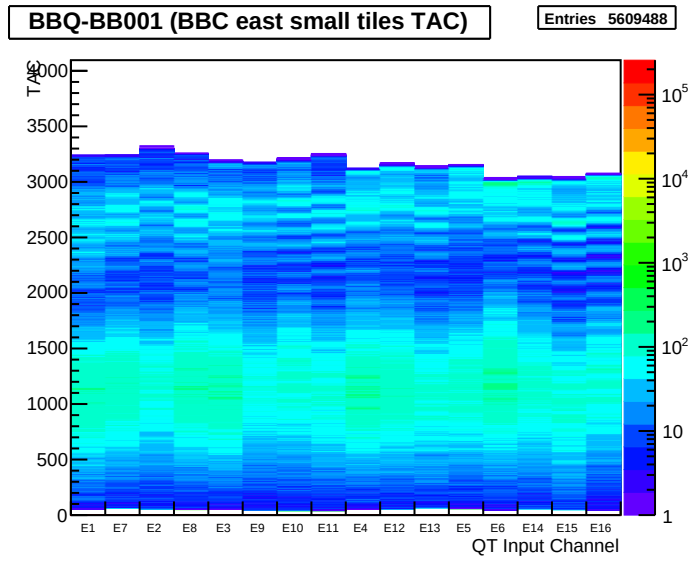

L2-TF201
Entries 350593
TOF total mult

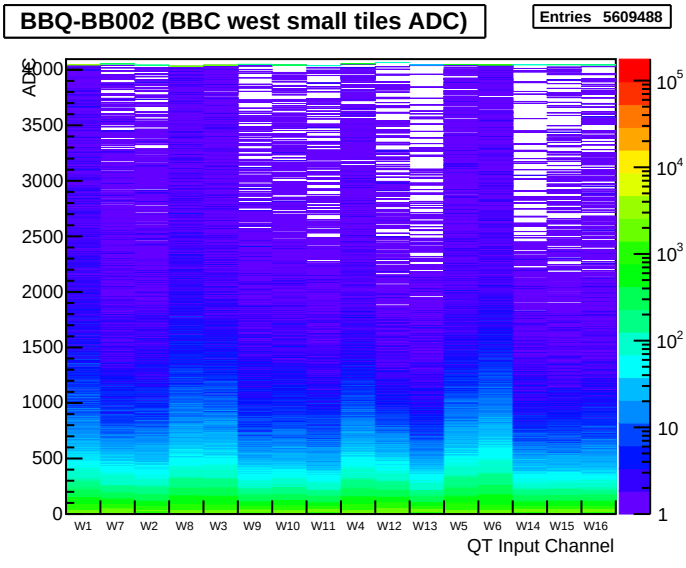

L2-TF201
Entries 0
TOF total mult(Real-Simu)

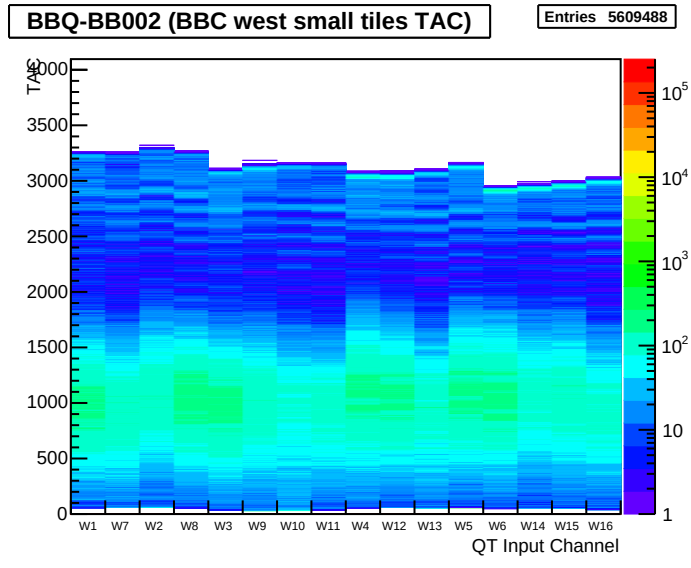

L2-TF201
Entries 2454151
Threshold/UPC bits
306508
309257
306595
308541
307410
303851
332226
44085
41336
43998
42052
43183
46742
18367
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

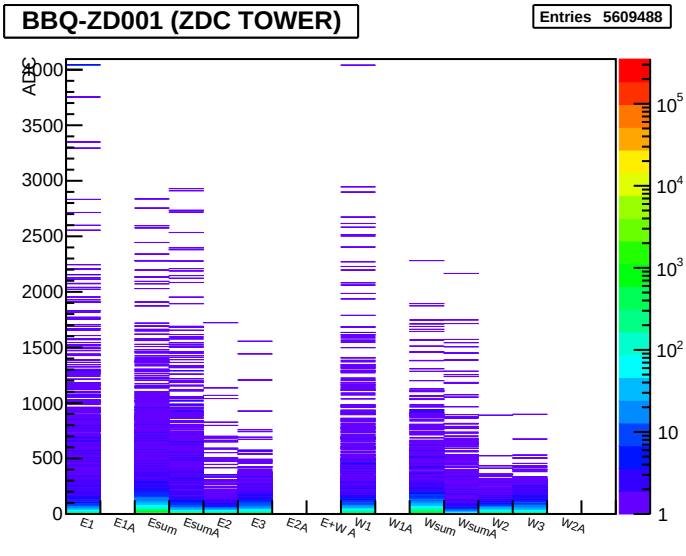

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

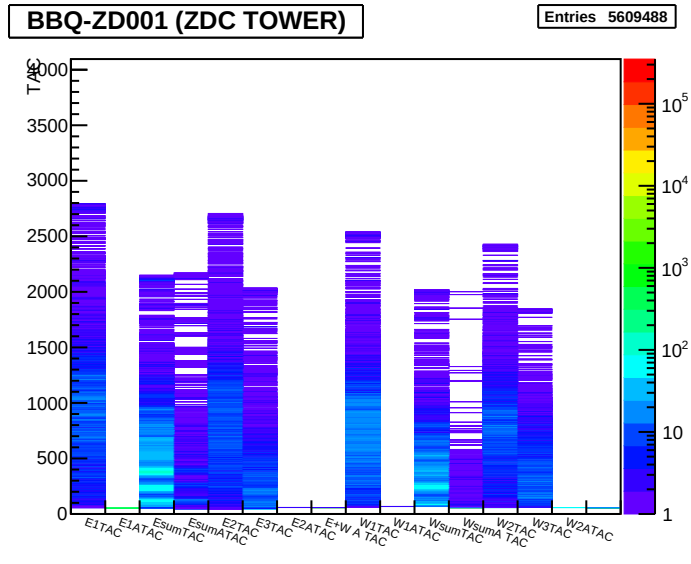

BBQ-BB001 (BBC east small tiles ADC)
Entries 5609488
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

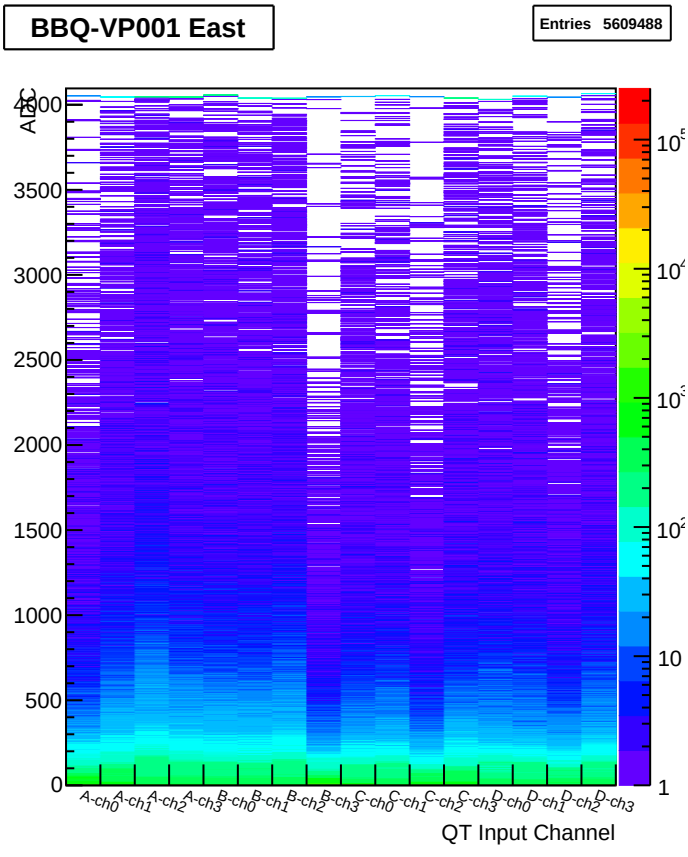

BBQ-BB001 (BBC east small tiles TAC)
Entries 5609488
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

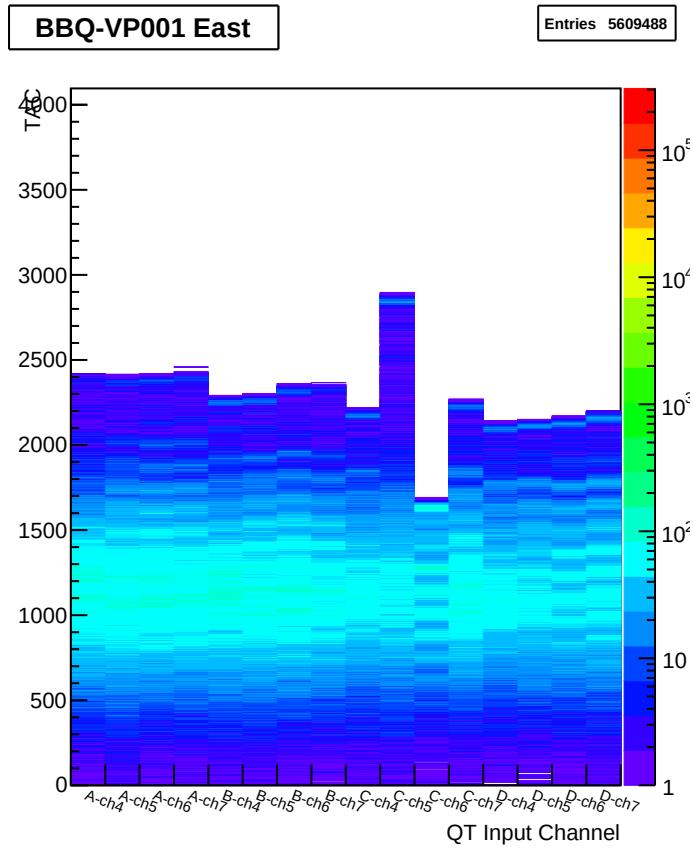

BBQ-BB002 (BBC west small tiles ADC)
Entries 5609488
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

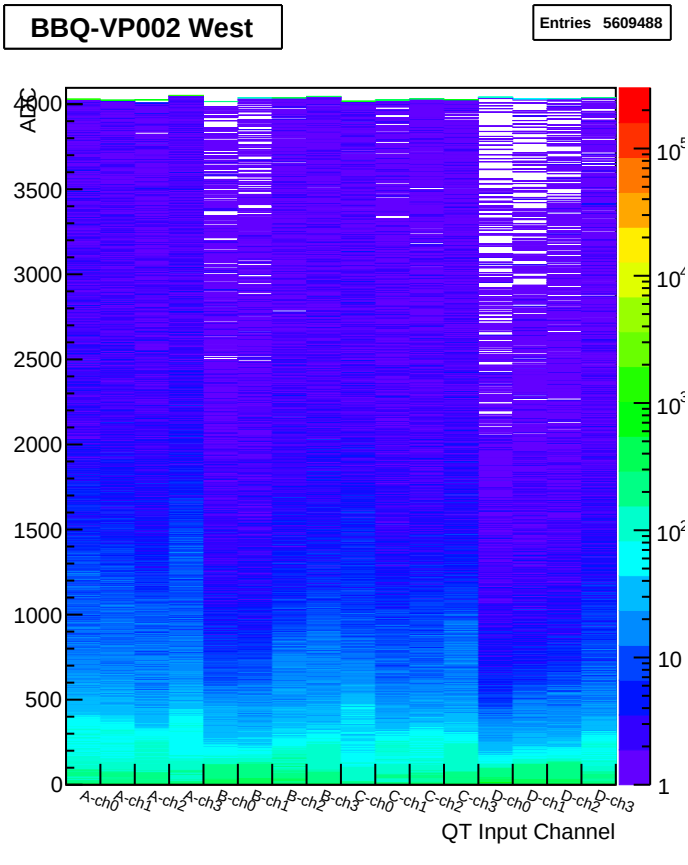

BBQ-BB002 (BBC west small tiles TAC)
Entries 5609488
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

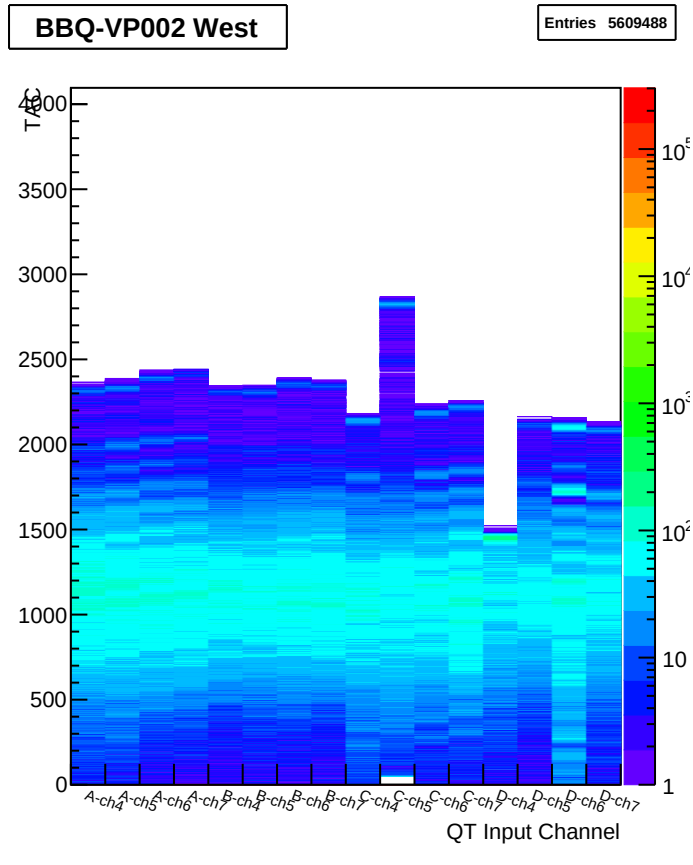

BBQ-ZD001 (ZDC TOWER)
Entries 5609488
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

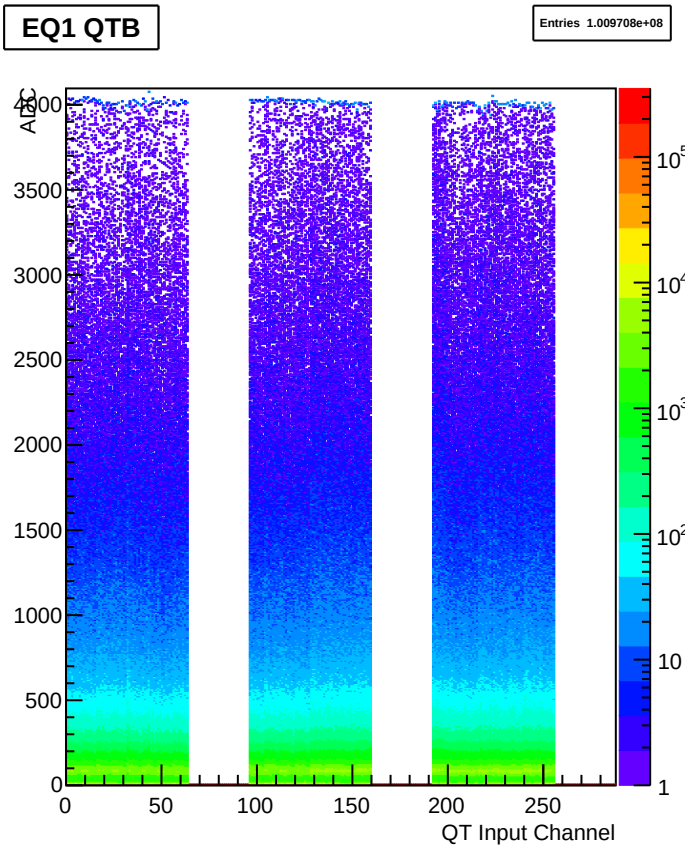

BBQ-ZD001 (ZDC TOWER)
Entries 5609488
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

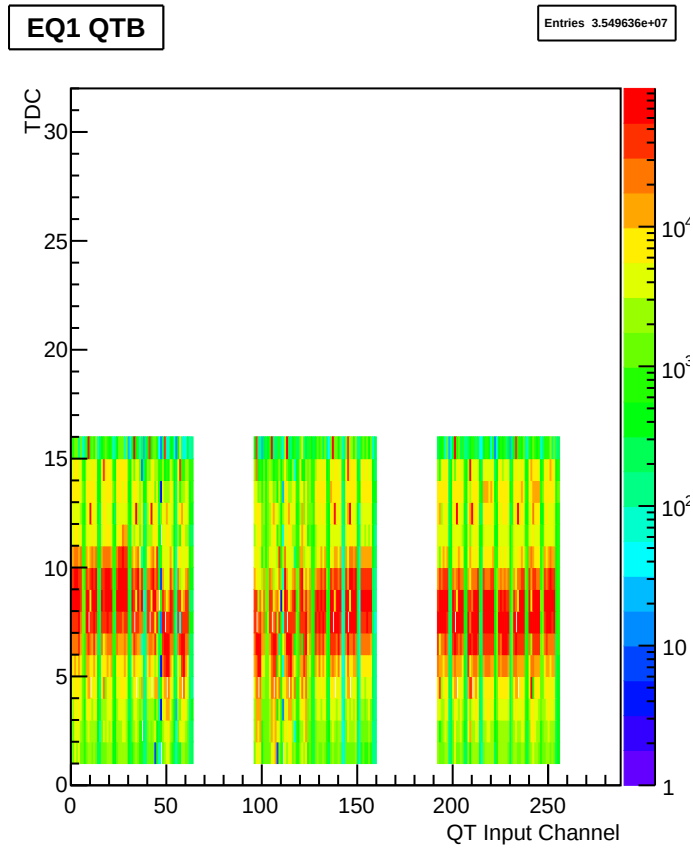

BBQ-VP001 East
Entries 5609488
ADC
QT Input Channel

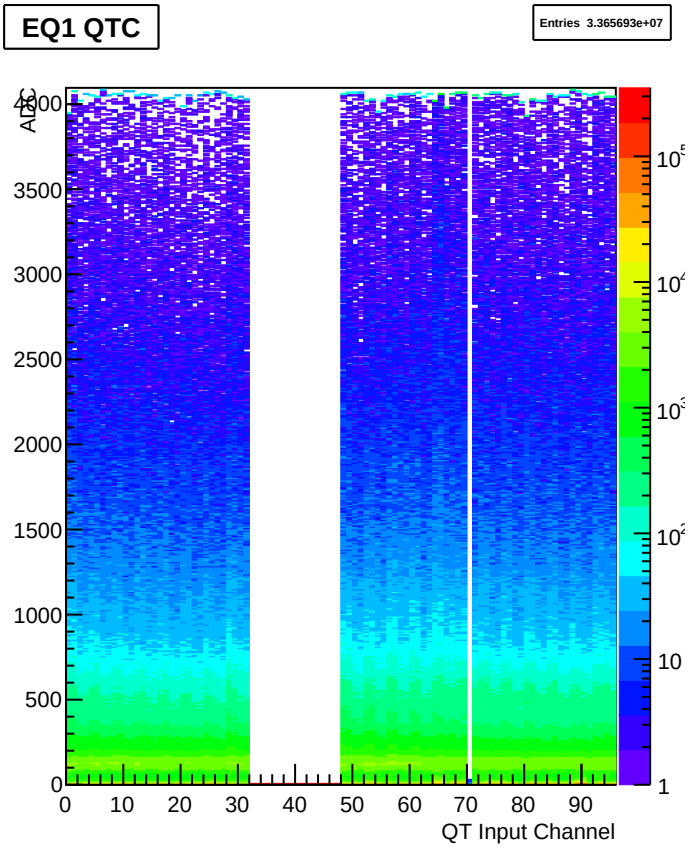

BBQ-VP001 East
Entries 5609488
TADC
QT Input Channel

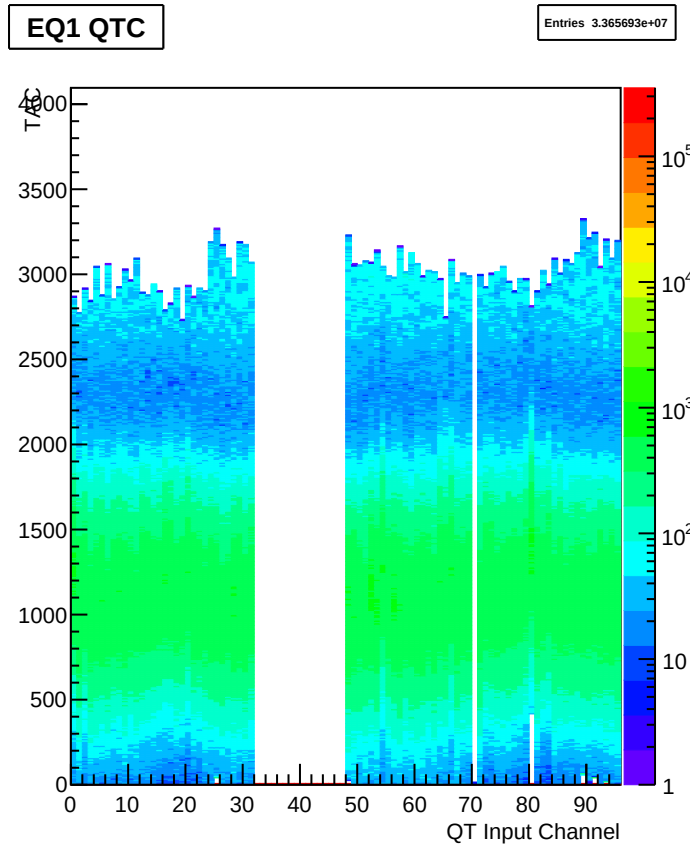

BBQ-VP002 West
Entries 5609488
ADC
QT Input Channel

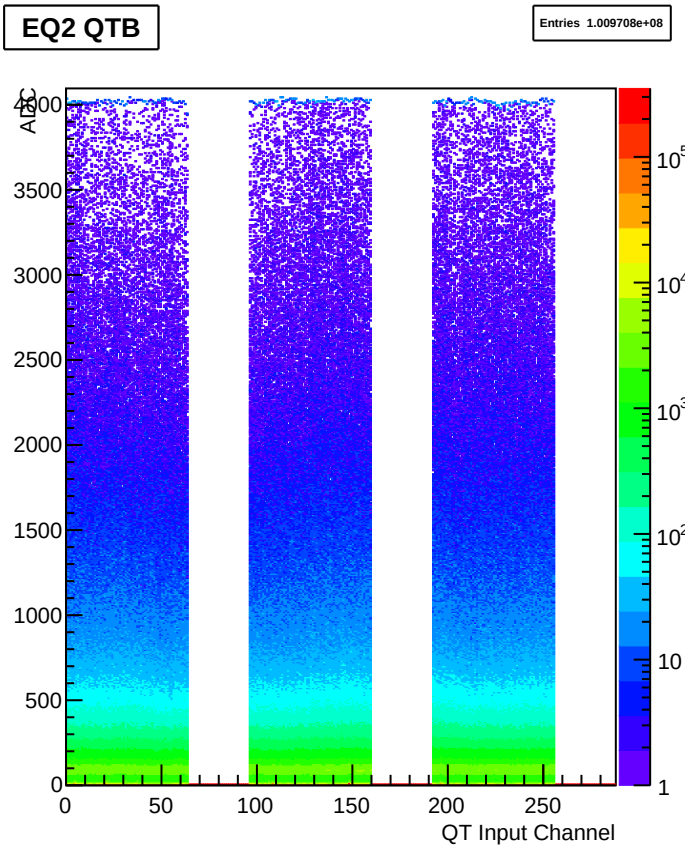

BBQ-VP002 West
Entries 5609488
TADC
QT Input Channel

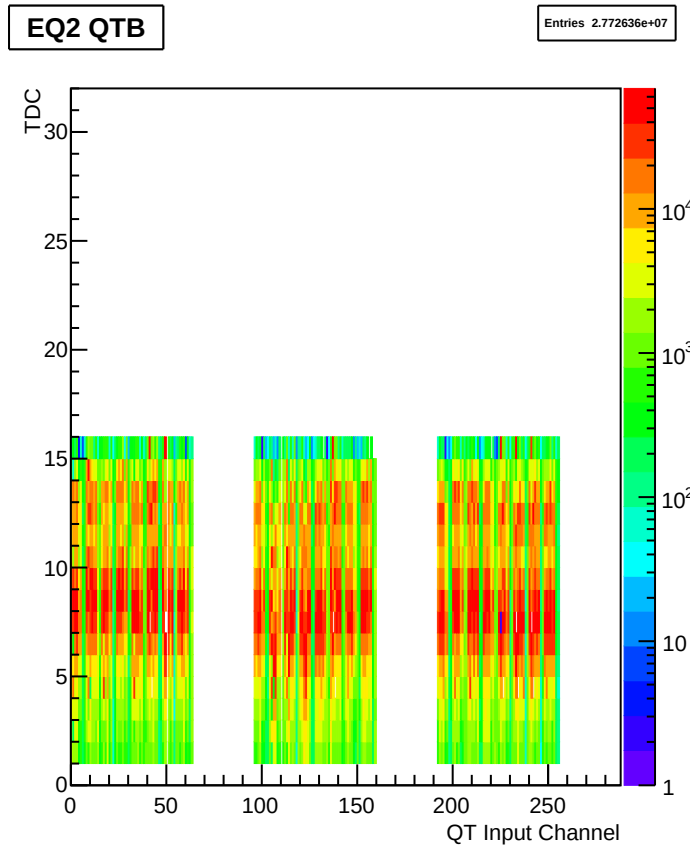

EQ1 QTB
Entries 1.009708e+08
ADC
QT Input Channel

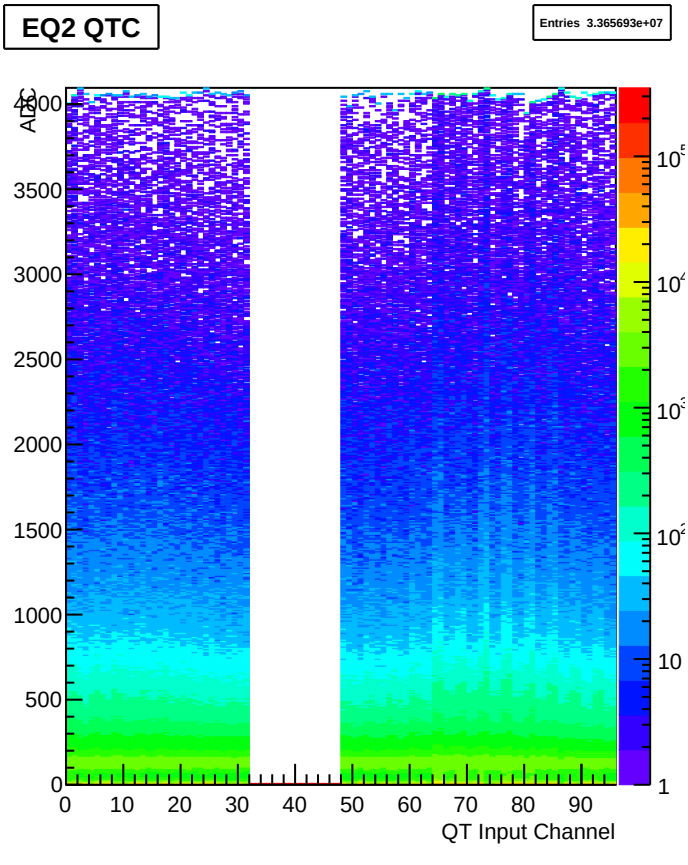

EQ1 QTB
Entries 3.549636e+07
TDC
QT Input Channel

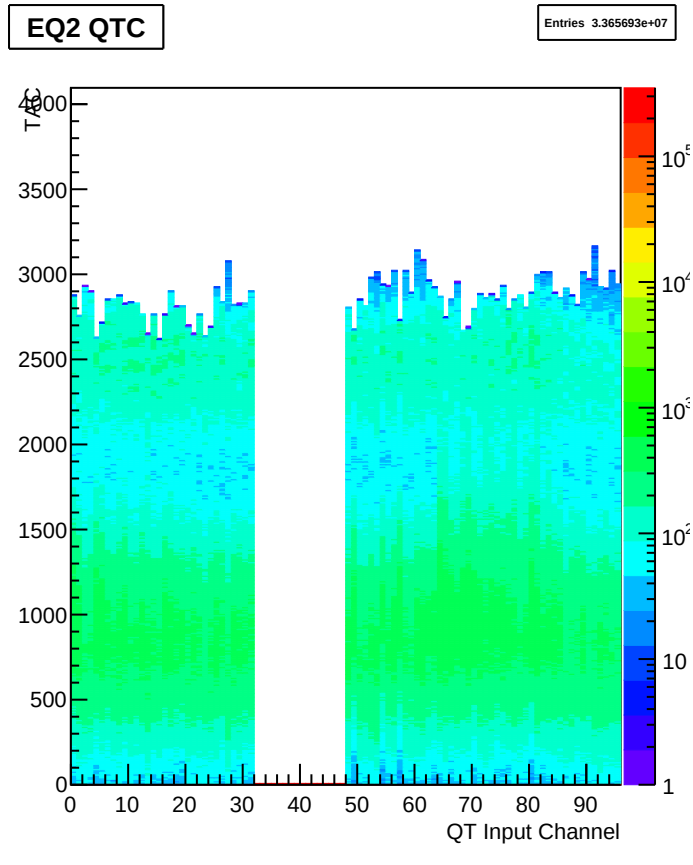

EQ1 QTC
Entries 3.365693e+07
ADC
QT Input Channel

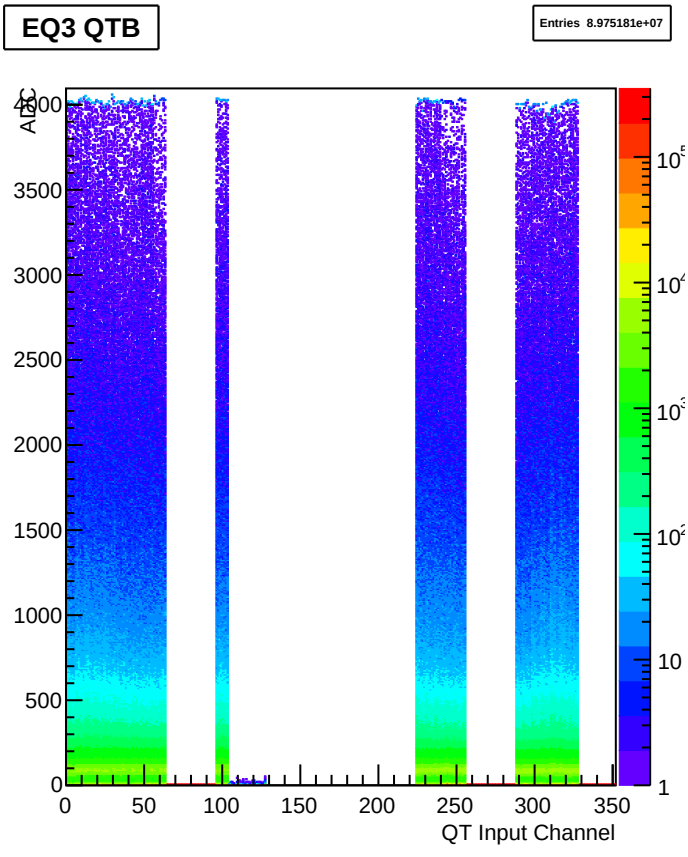

EQ1 QTC
Entries 3.365693e+07
TADC
QT Input Channel

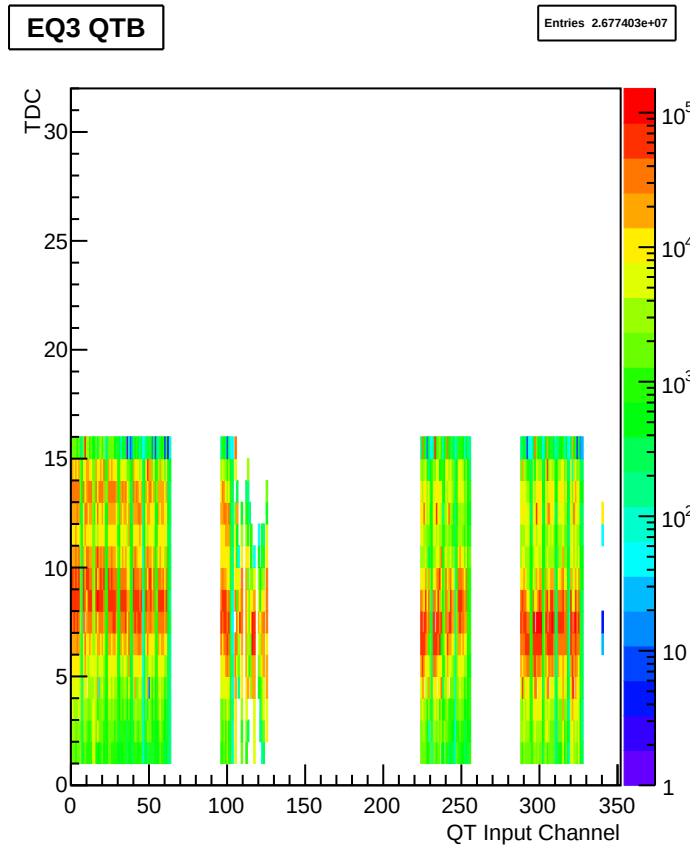

EQ2 QTB
Entries 1.009708e+08
ADC
QT Input Channel

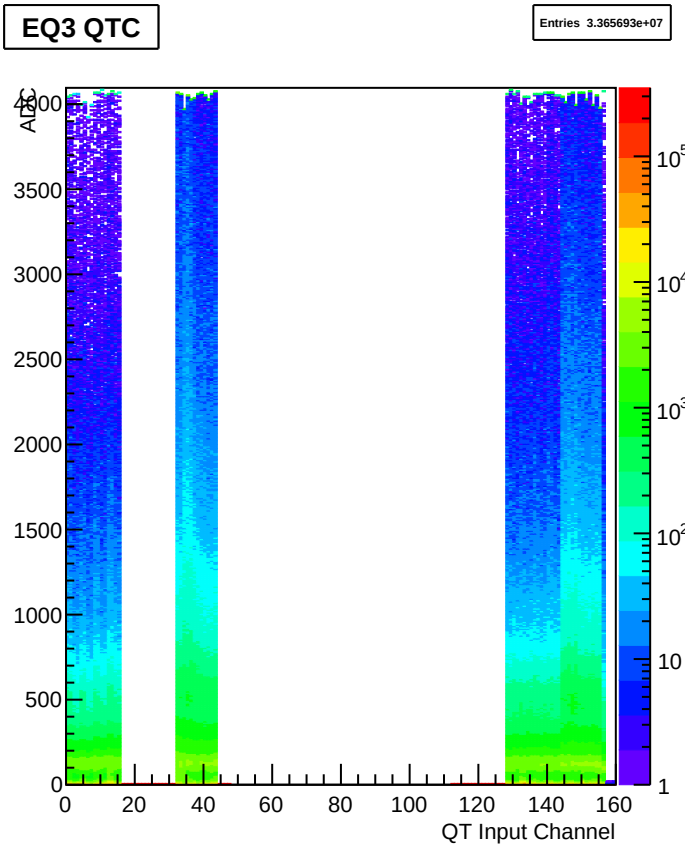

EQ2 QTB
Entries 2.772636e+07
TDC
QT Input Channel

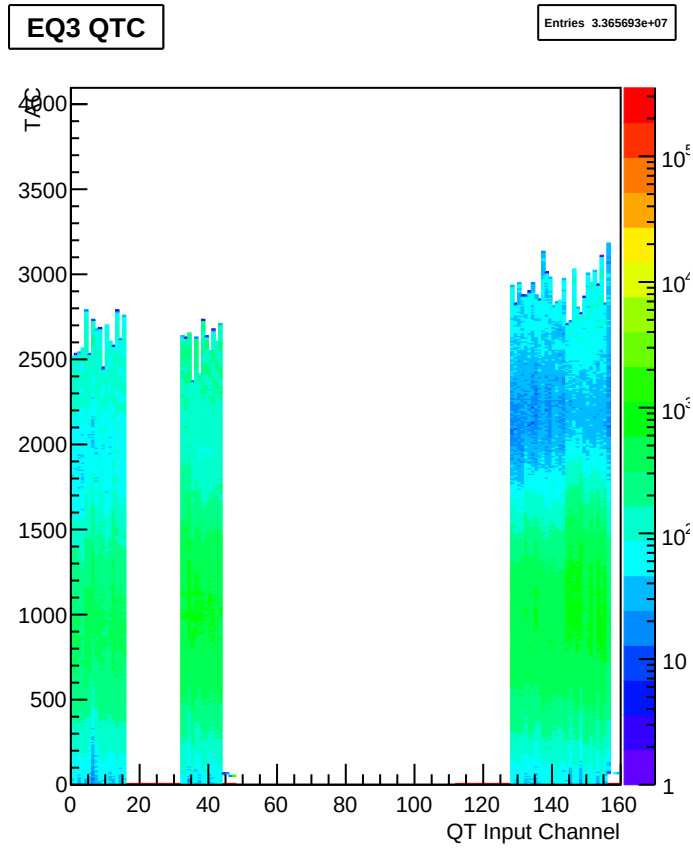

EQ2 QTC
Entries 3.365693e+07
ADC
QT Input Channel

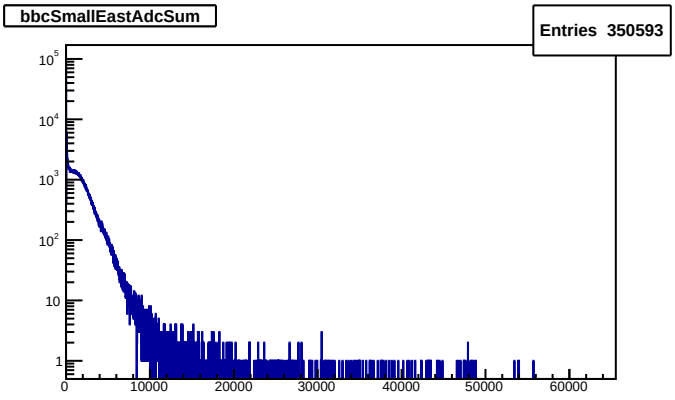

EQ2 QTC
Entries 3.365693e+07
TADC
QT Input Channel

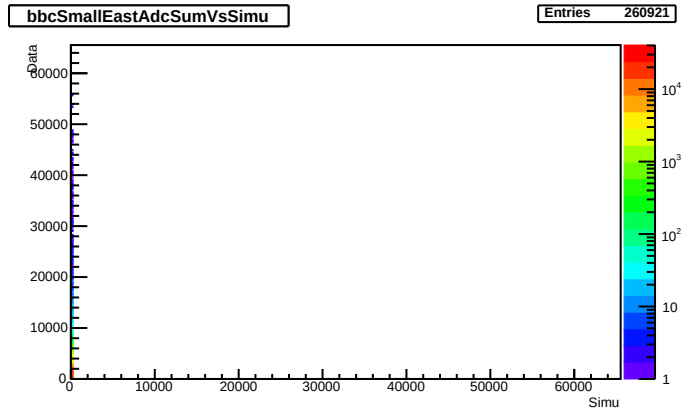

EQ3 QTB
Entries 8.975181e+07
ADC
QT Input Channel

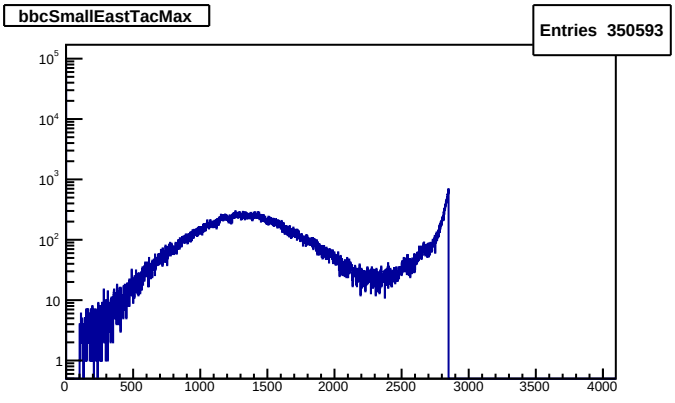

EQ3 QTB
Entries 2.677403e+07
TDC
QT Input Channel

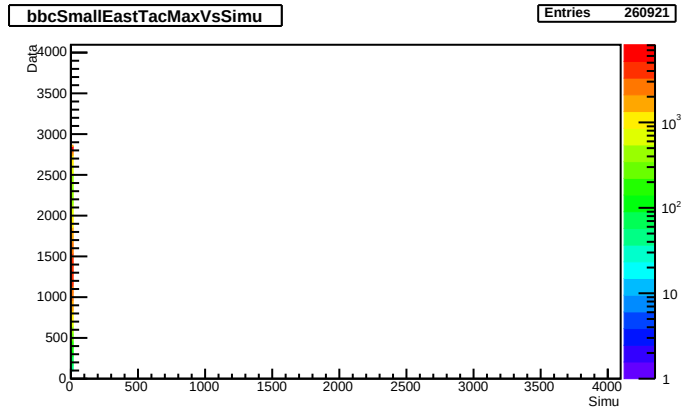

EQ3 QTC
Entries 3.365693e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.365693e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 350593


bbcSmallEastAdcSumVsSimu
Entries 260921
Data
Simu


bbcSmallEastTacMax
Entries 350593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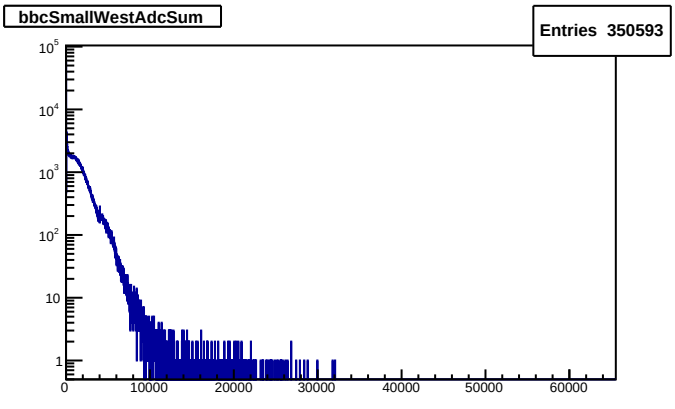
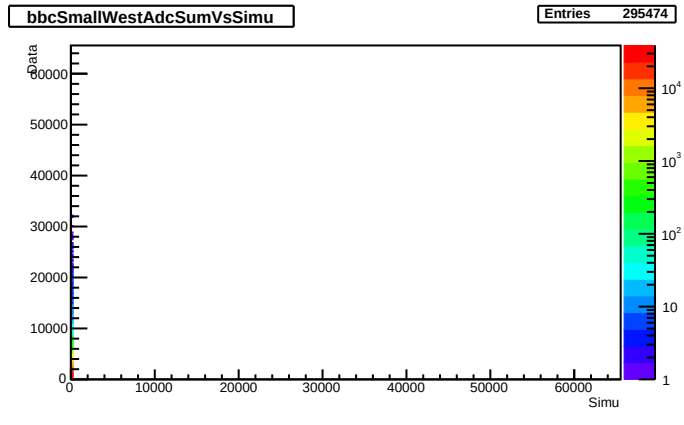
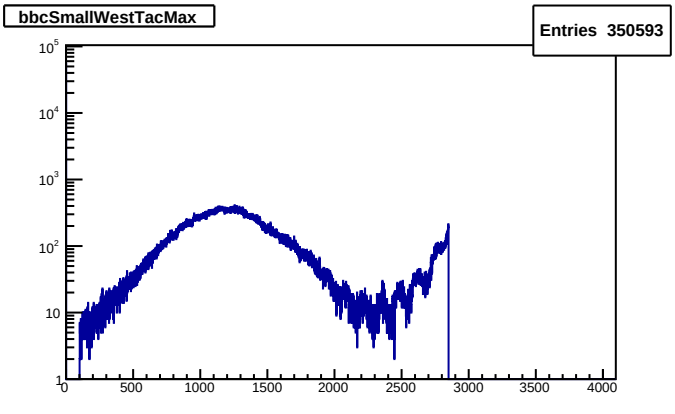
Entries 260921
Data
Simu


bbcSmallWestAdcSum
Entries 350593


bbcSmallWestAdcSumVsSimu
Entries 295474
Data
Simu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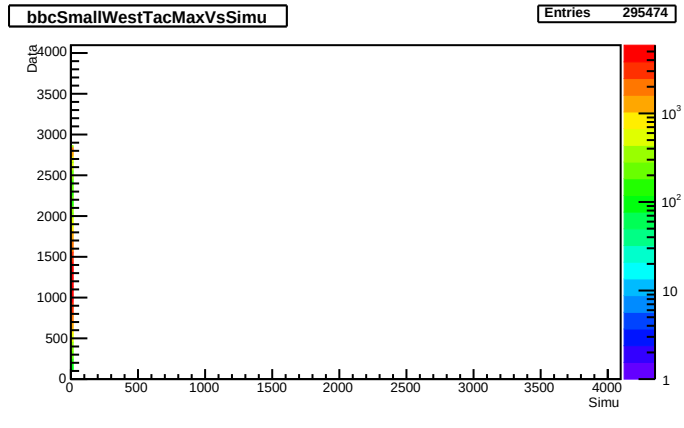
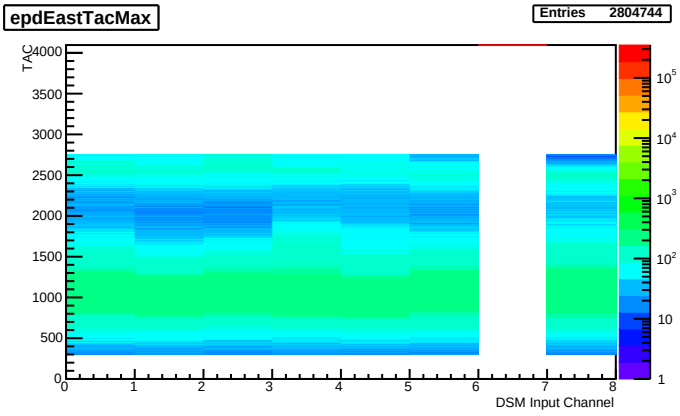
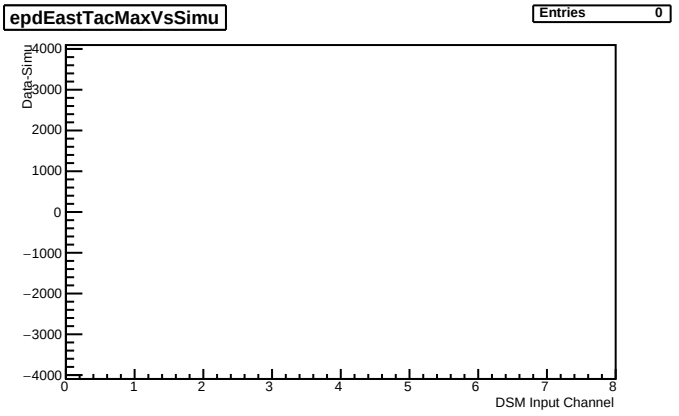
Entries 350593


bbcSmallWestTacMaxVsSimu
Entries 295474
Data
Simu


epdEastTacMax
Entries 2804744
TAC
DSM Input Channel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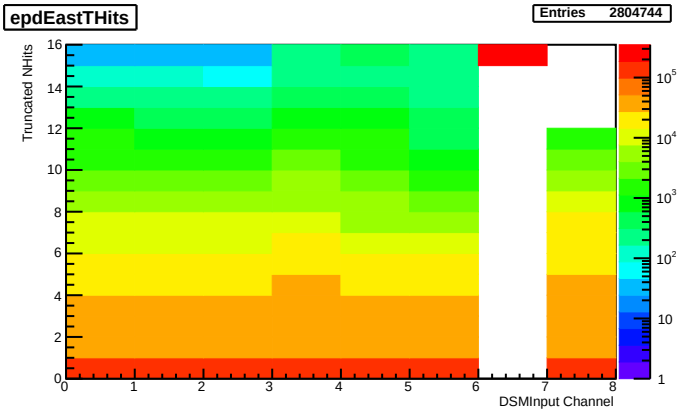
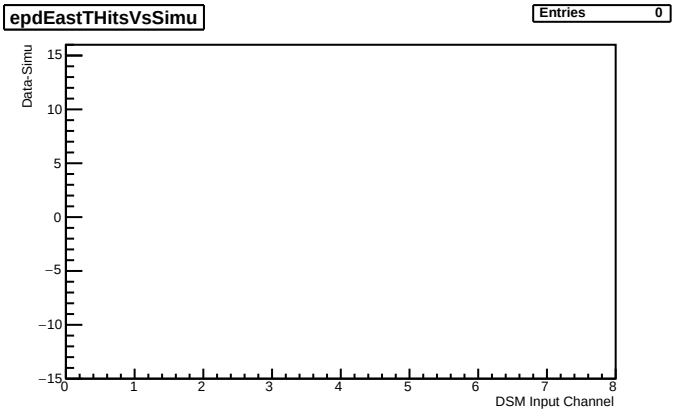
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2804744
Truncated NHits
DSMInput Channel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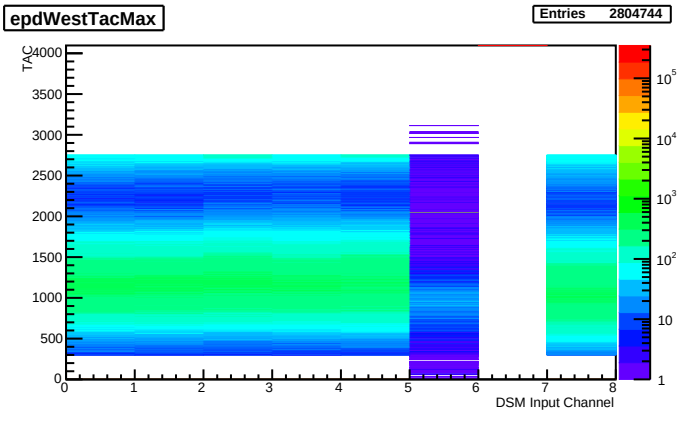
Data-Simu
DSM Input Channel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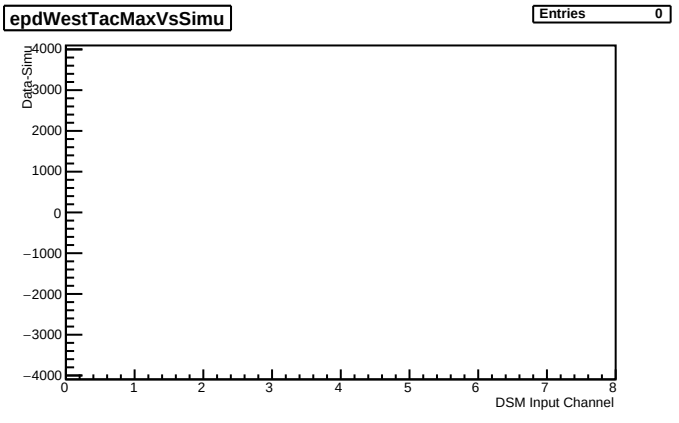
Entries 2804744
TAC
DSM Input Channel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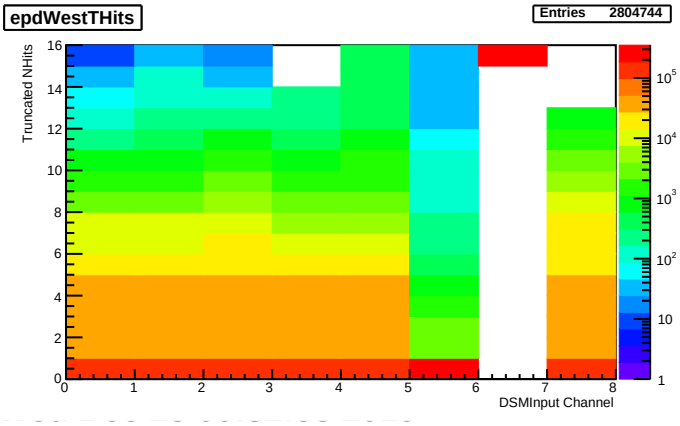
Data-Simu
DSM Input Channel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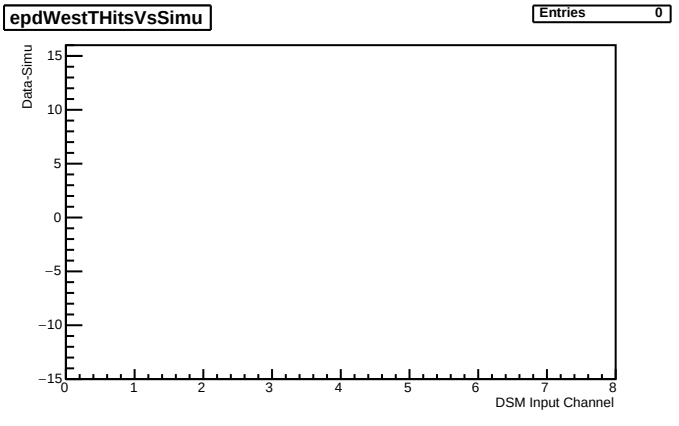
Entries 2804744
Truncated NHits
DSMInput Channel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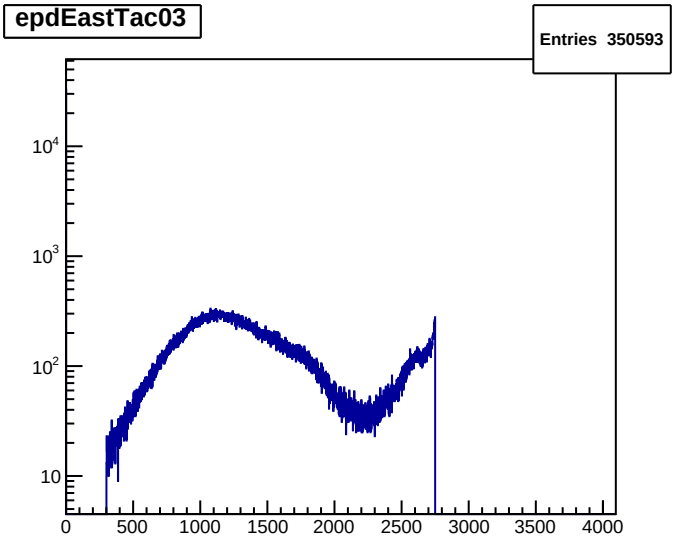
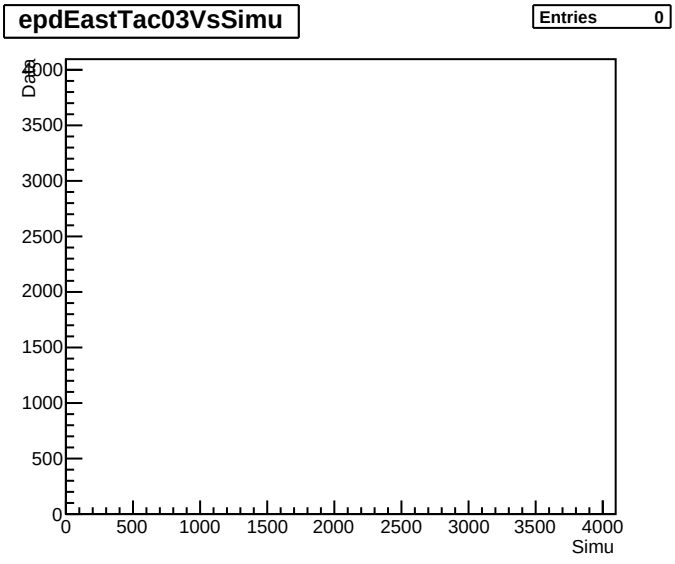
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 350593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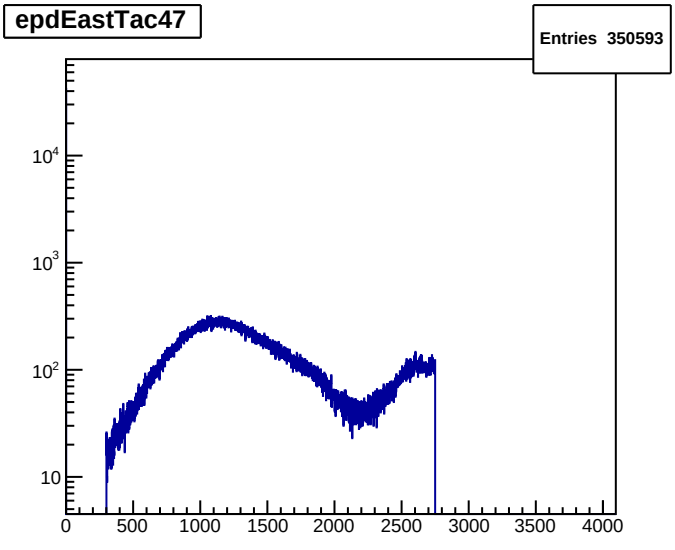
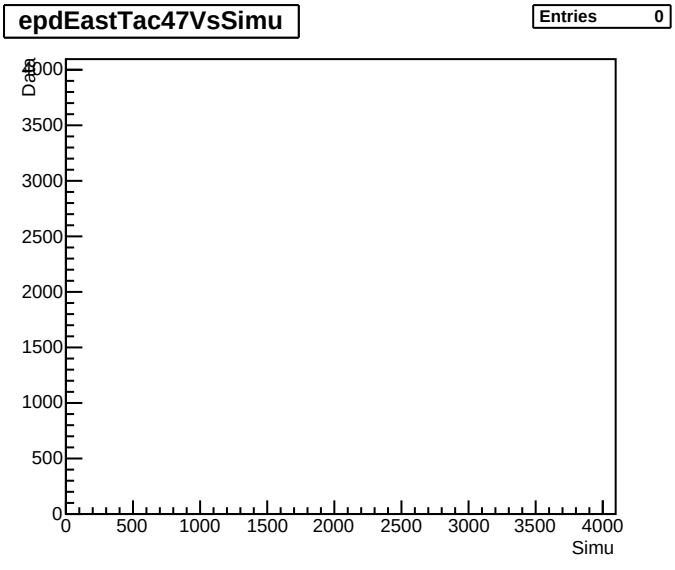
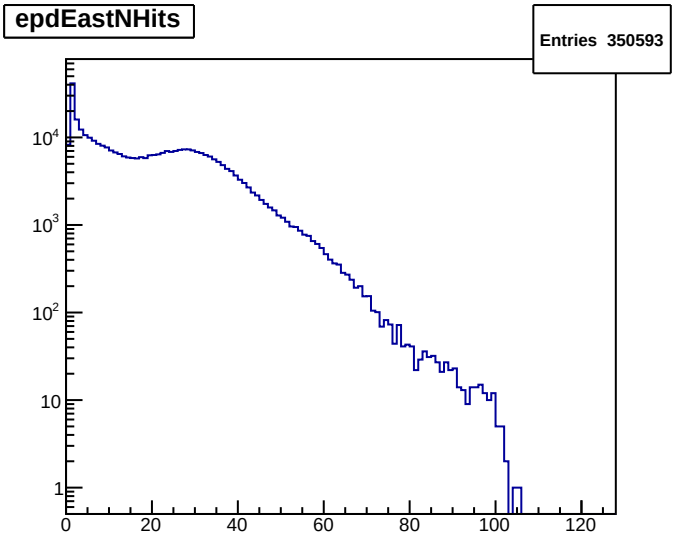
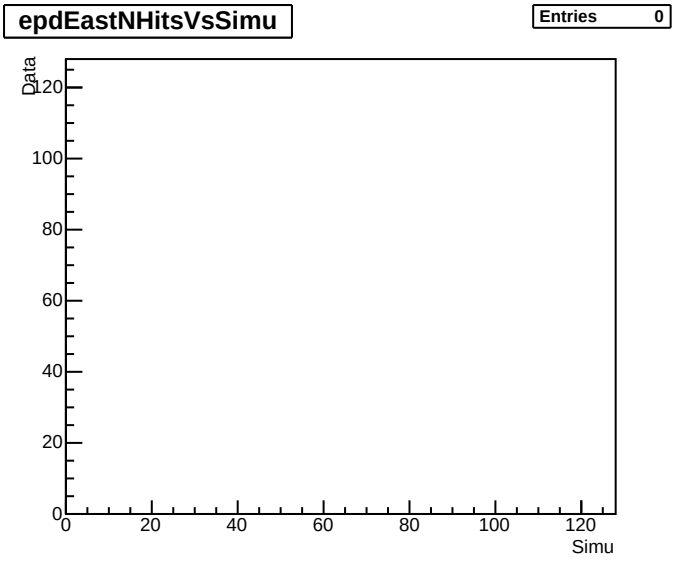
Entries 0
Data
Simu


epdEastTac47
Entries 350593


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 350593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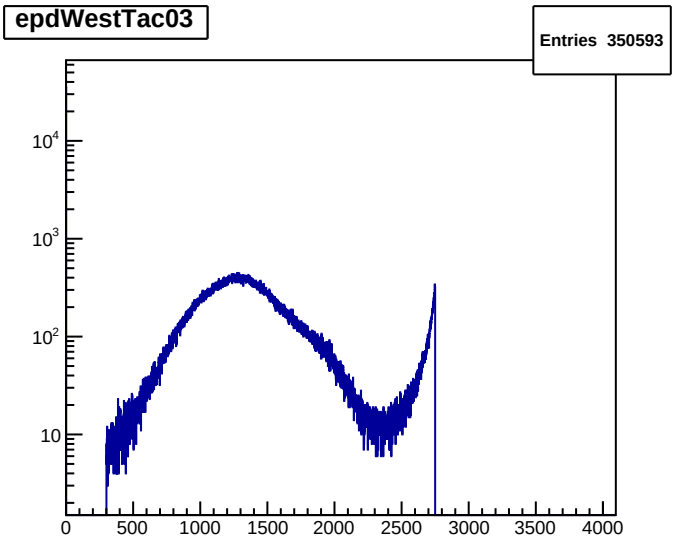
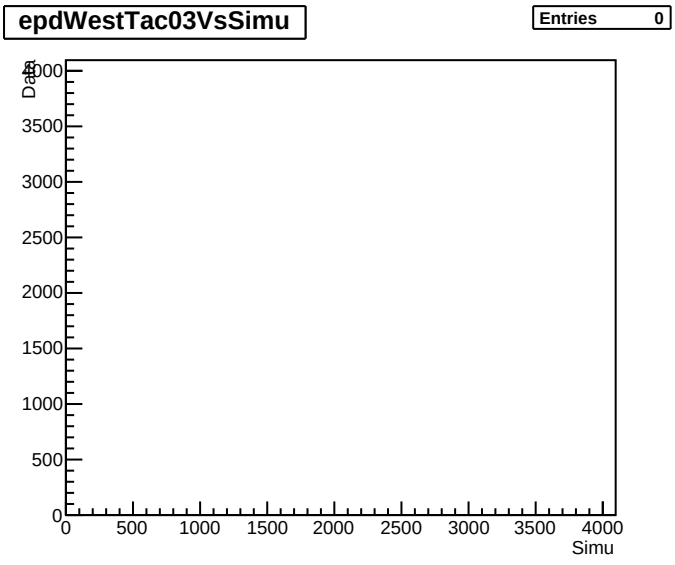
Entries 0
Data
Simu


epdWestTac03
Entries 350593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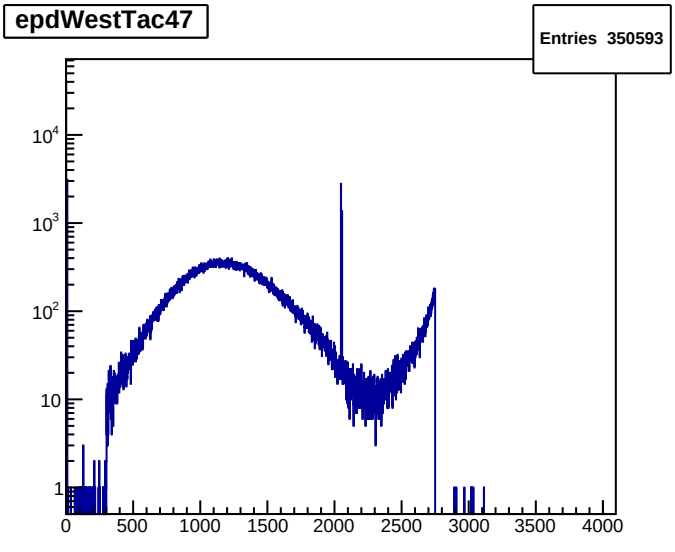
Entries 0
Data
Simu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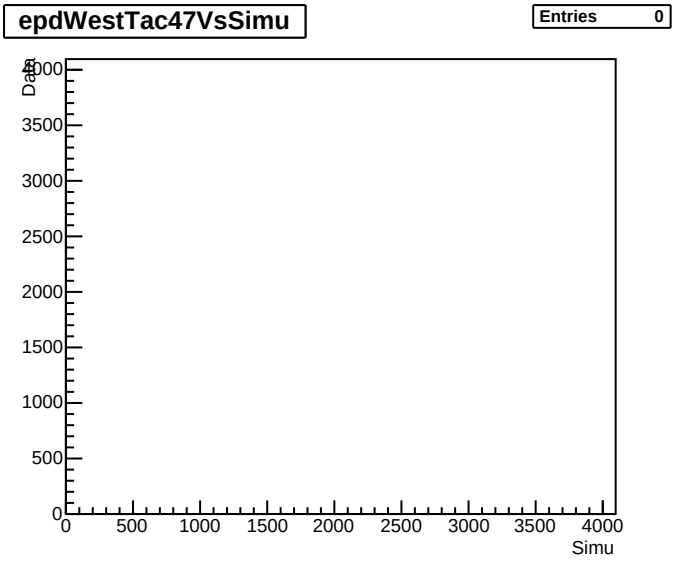
Entries 350593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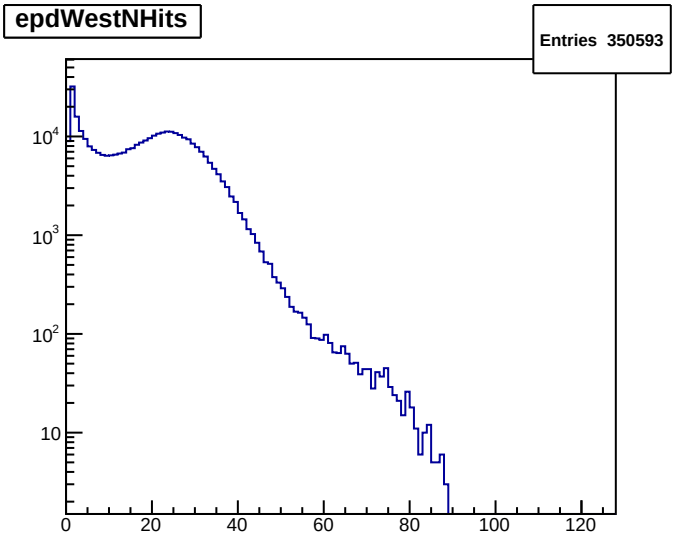
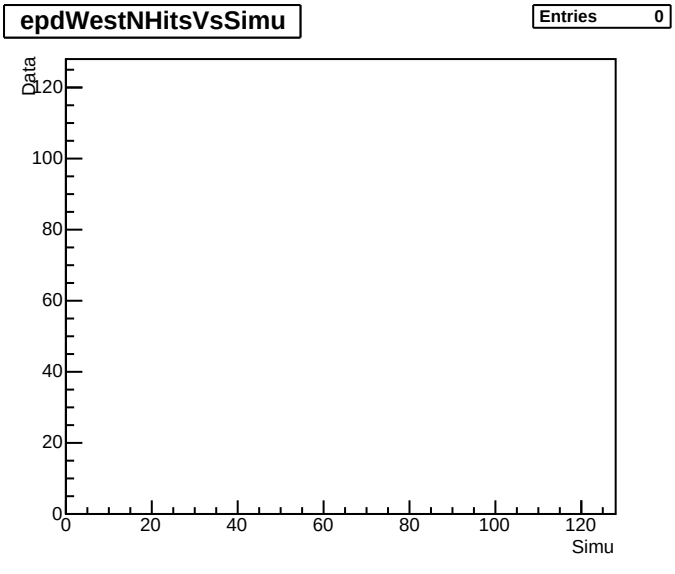
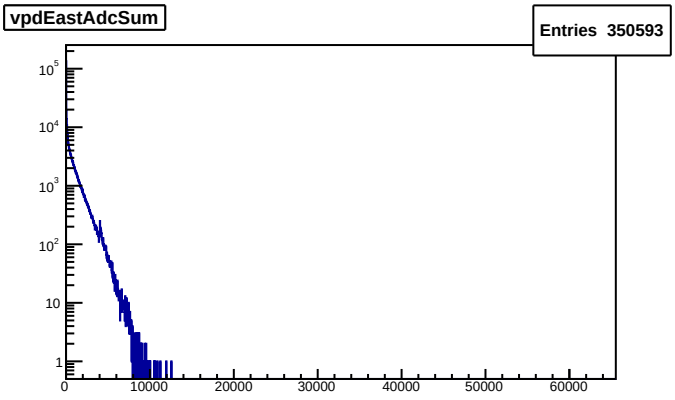
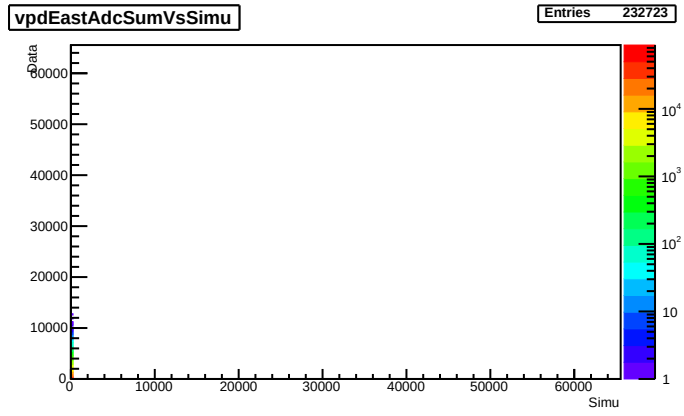
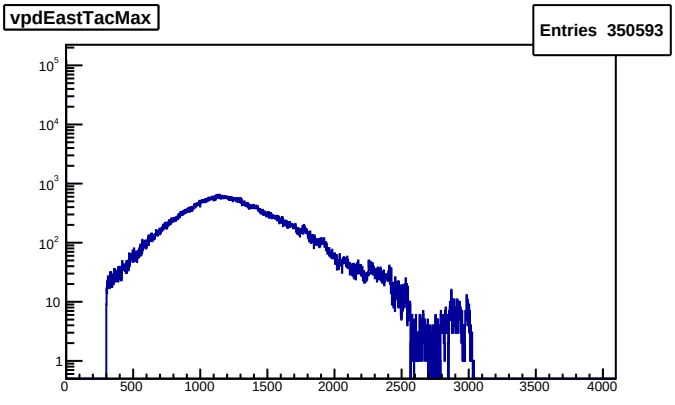
Entries 0
Data
Simu

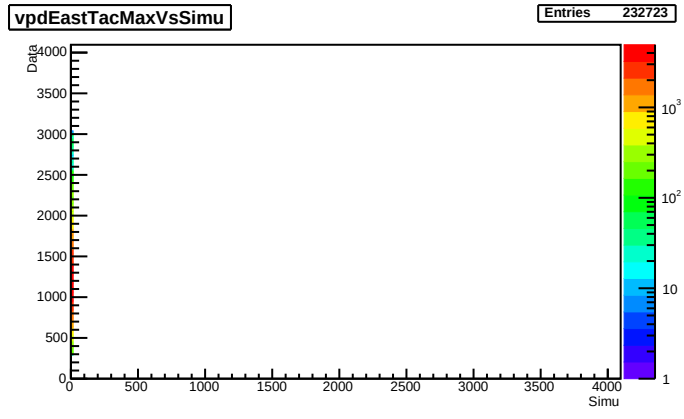

epdWestNHits
Entries 350593

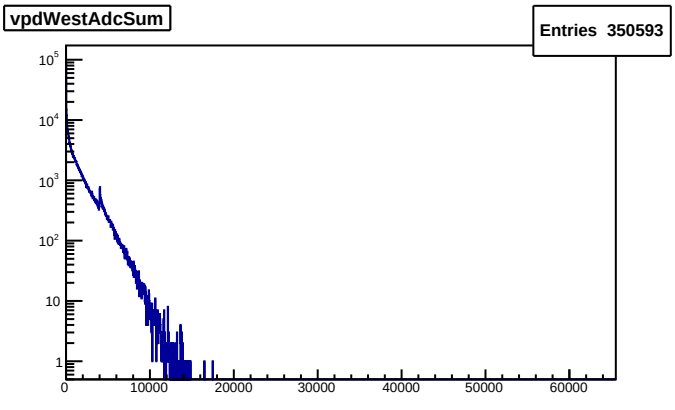

epdWestNHitsVsSimu
Entries 0
Data
Simu

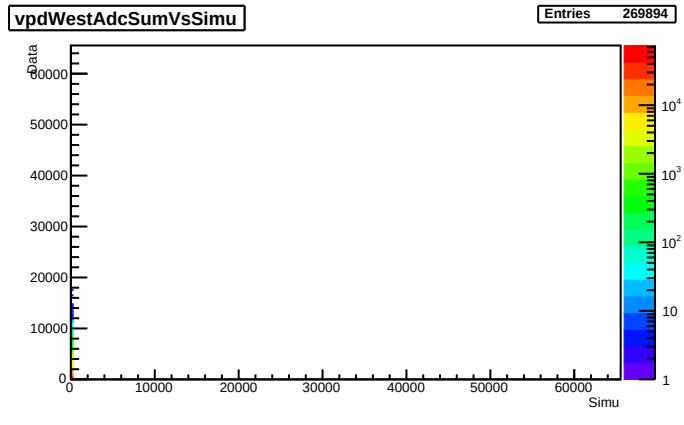

vpdEastAdcSum
Entries 350593

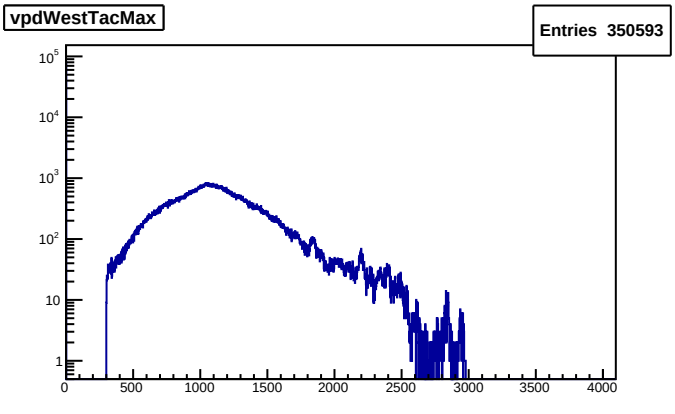

vpdEastAdcSumVsSimu
Entries 232723
Data
Simu

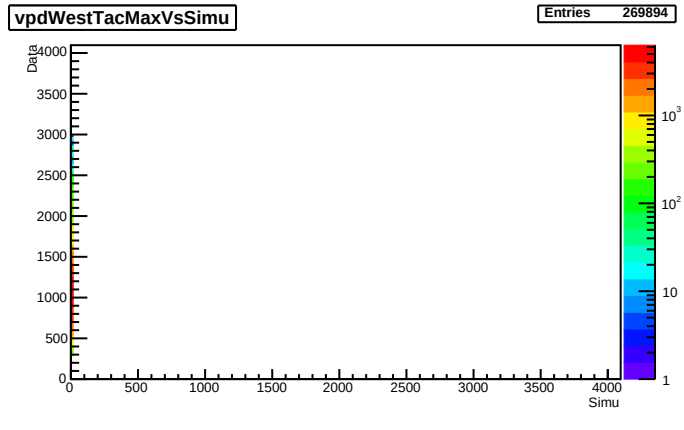

vpdEastTacMax
Entries 350593

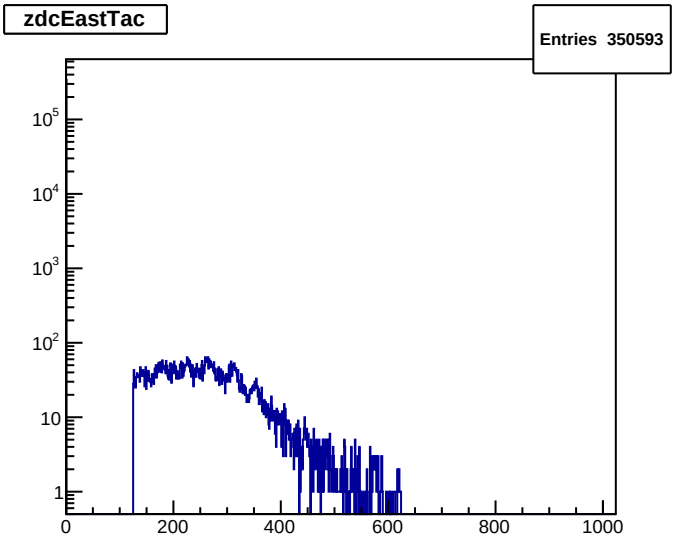

vpdEastTacMaxVsSimu
Entries 232723
Data
Simu

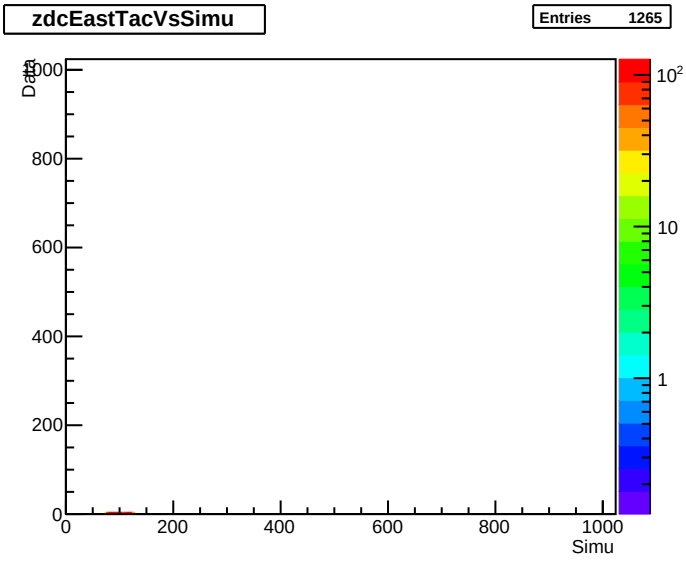

vpdWestAdcSum
Entries 350593

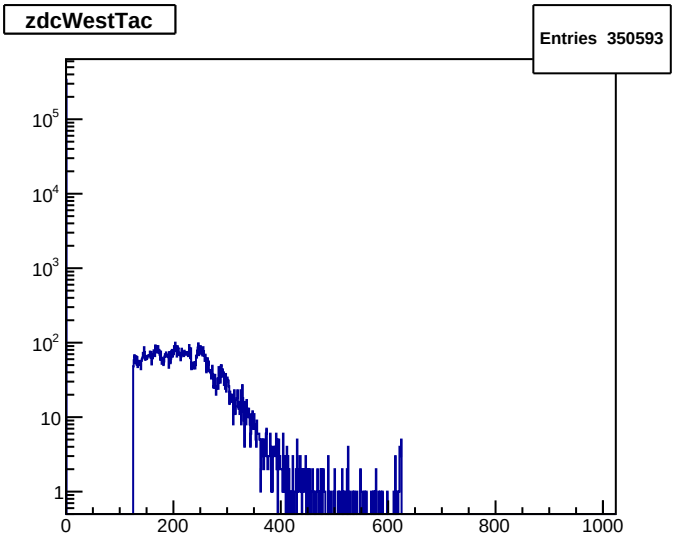

vpdWestAdcSumVsSimu
Entries 269894
Data
Simu

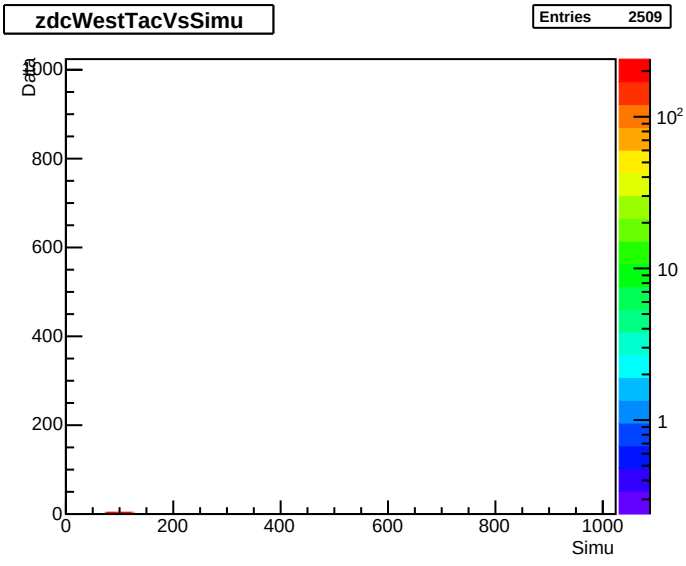

vpdWestTacMax
Entries 350593

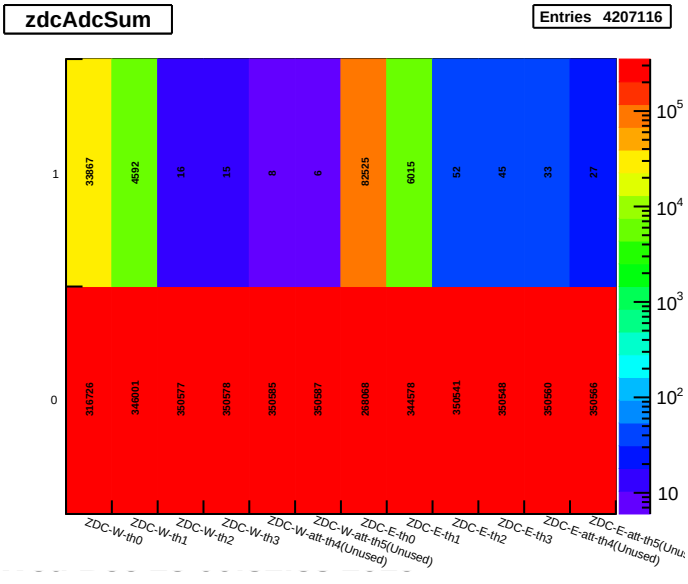

vpdWestTacMaxVsSimu
Entries 269894
Data
Simu

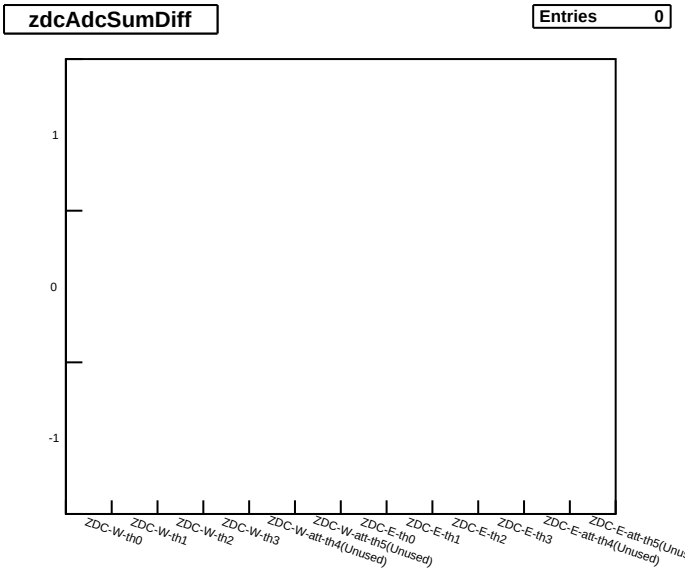

zdcEastTac
Entries 350593

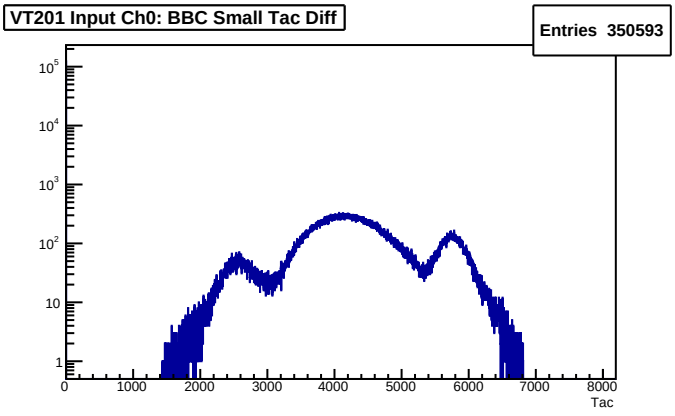

zdcEastTacVsSimu
Entries 1265
Data
Simu

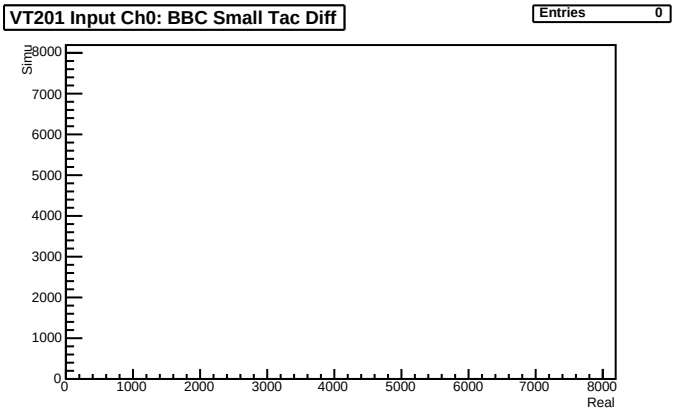

zdcWestTac
Entries 350593

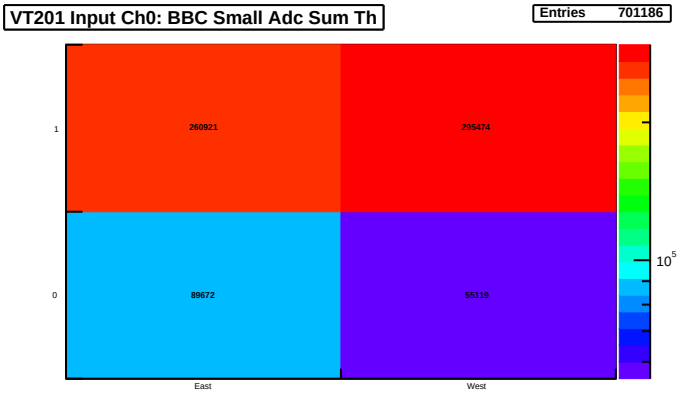

zdcWestTacVsSimu
Entries 2509
Data
Simu

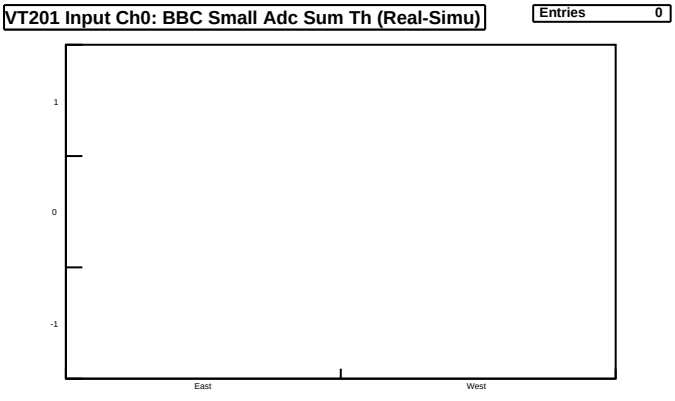

zdcAdcSum
Entries 4207116
33867
4592
16
15
8
6
82525
6015
52
45
33
27
316726
346001
350577
350578
350585
350587
208068
344578
350541
350548
350560
350566
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

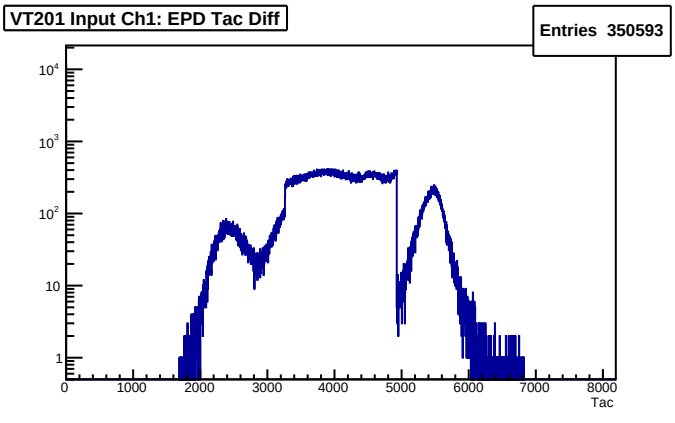

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

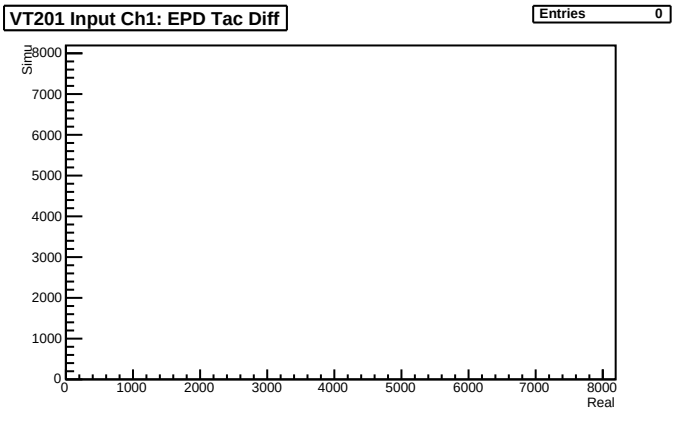

VT201 Input Ch0: BBC Small Tac Diff
Entries 350593
Tac

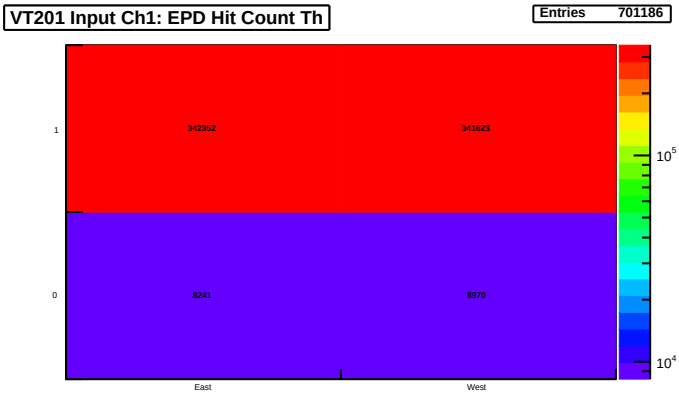

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

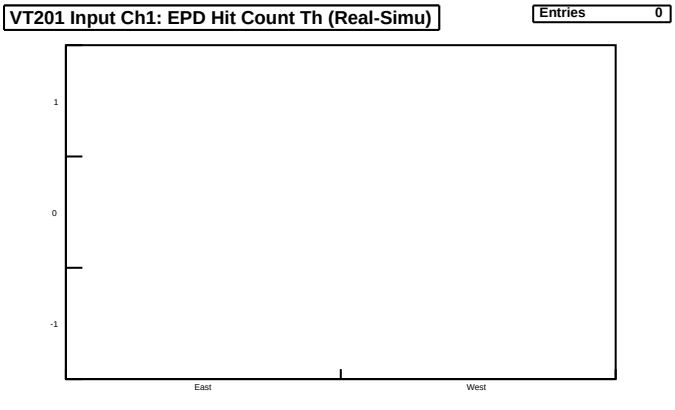

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 701186
260921
295474
89672
55119
East
West

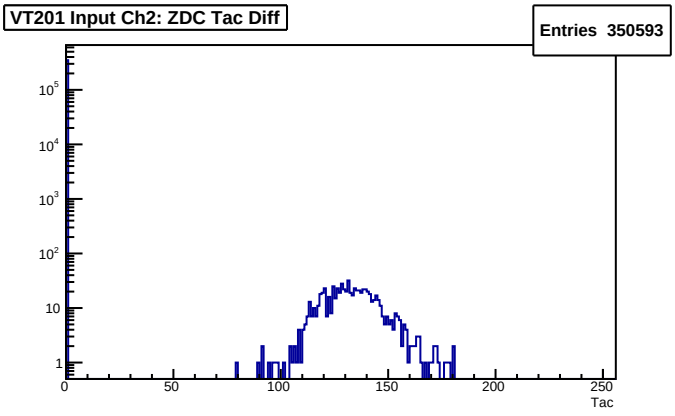

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

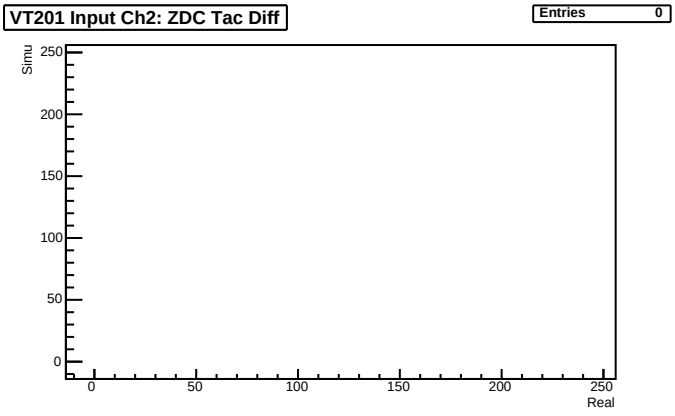

VT201 Input Ch1: EPD Tac Diff
Entries 350593
Tac

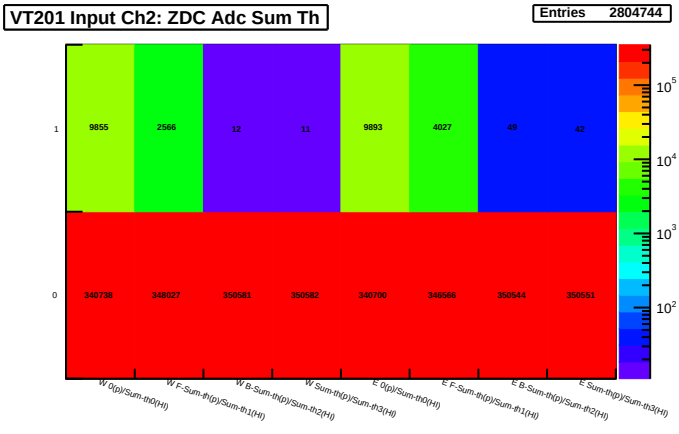

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

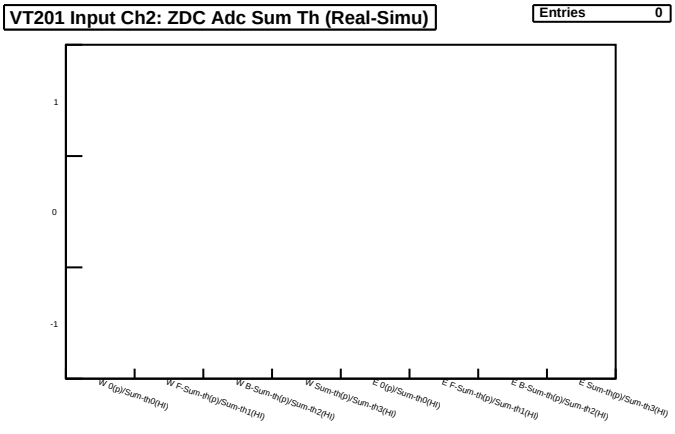

VT201 Input Ch1: EPD Hit Count Th
Entries 701186
342352
341623
8241
8970
East
West

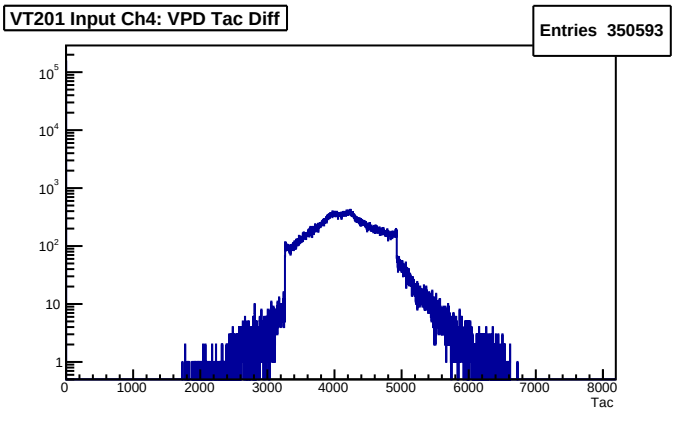

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

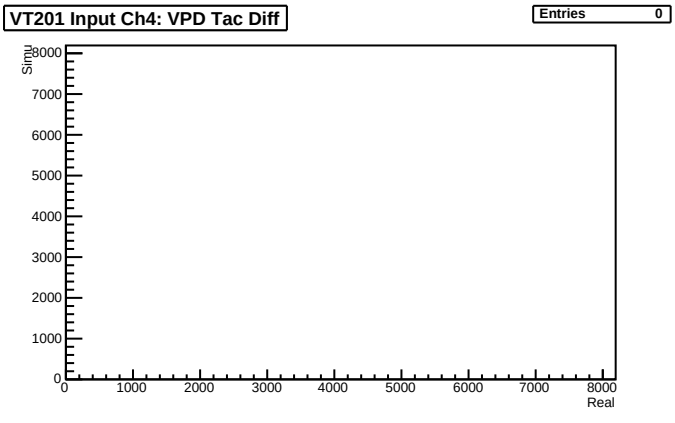

VT201 Input Ch2: ZDC Tac Diff
Entries 350593
Tac

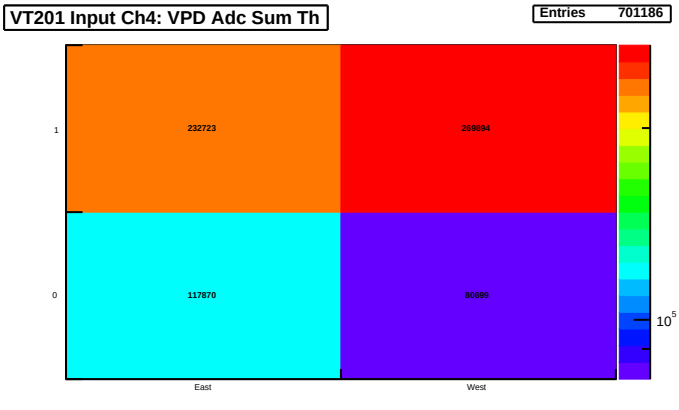

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

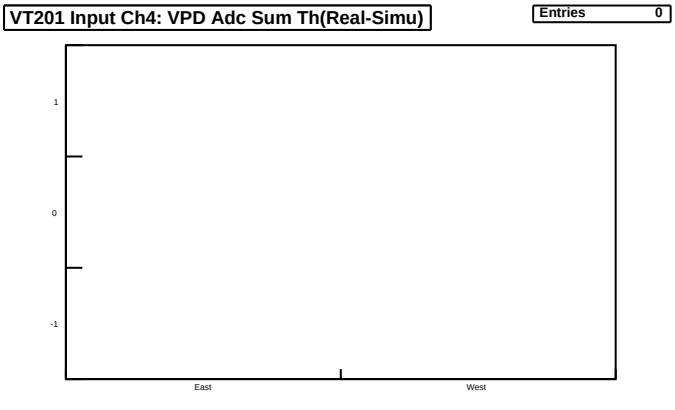

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2804744
9855
2566
12
11
9893
4027
49
42
340738
348027
350581
350582
340700
346566
350544
350551
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

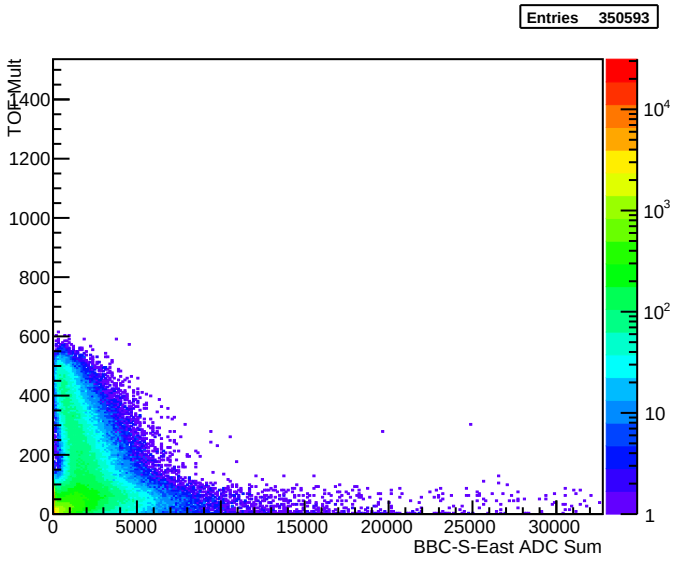

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

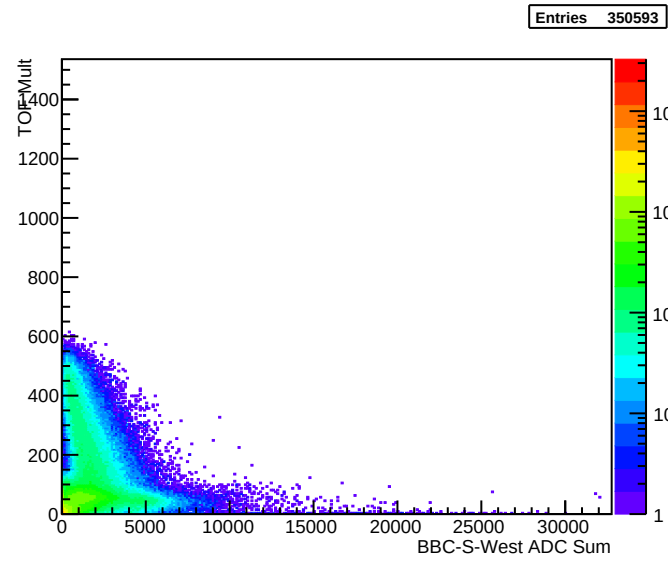

VT201 Input Ch4: VPD Tac Diff
Entries 350593
Tac

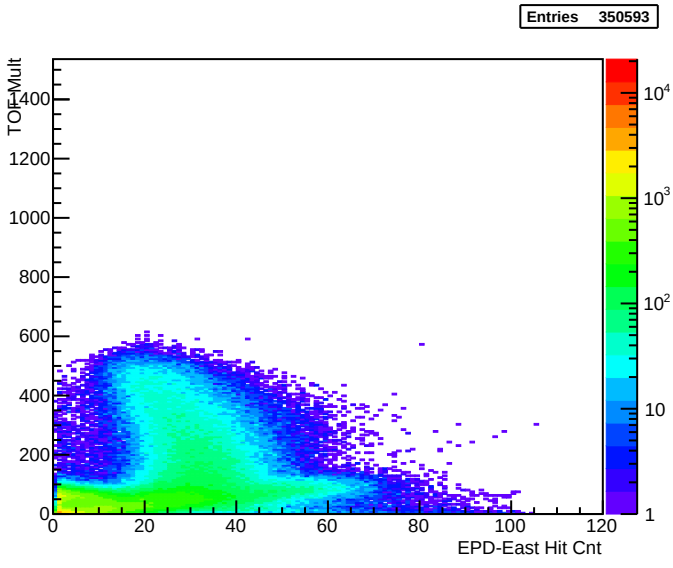

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

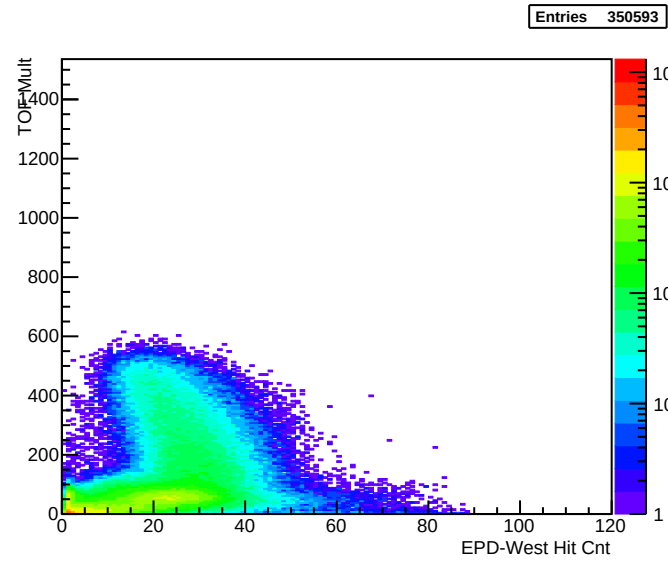

VT201 Input Ch4: VPD Adc Sum Th
Entries 701186
232723
269994
117870
80699
East
West

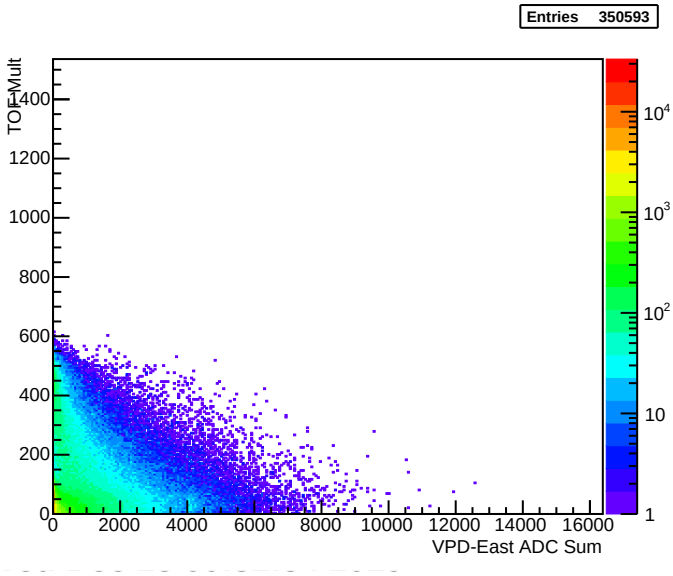

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

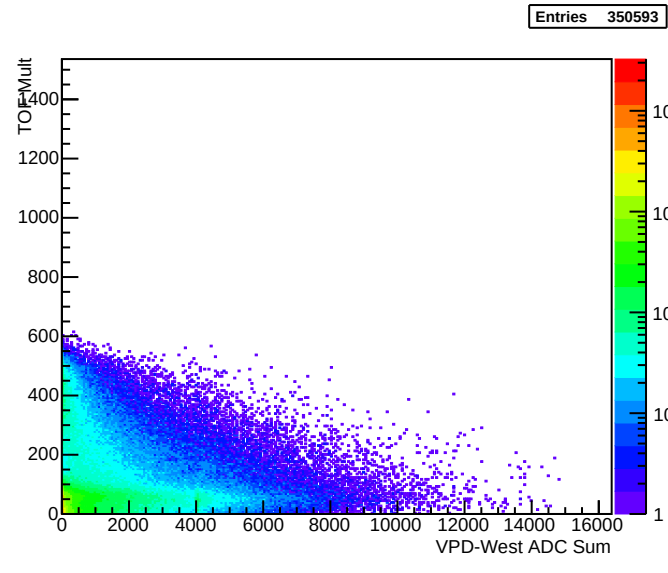

Entries 350593
TOF-Mult
BBC-S-East ADC Sum

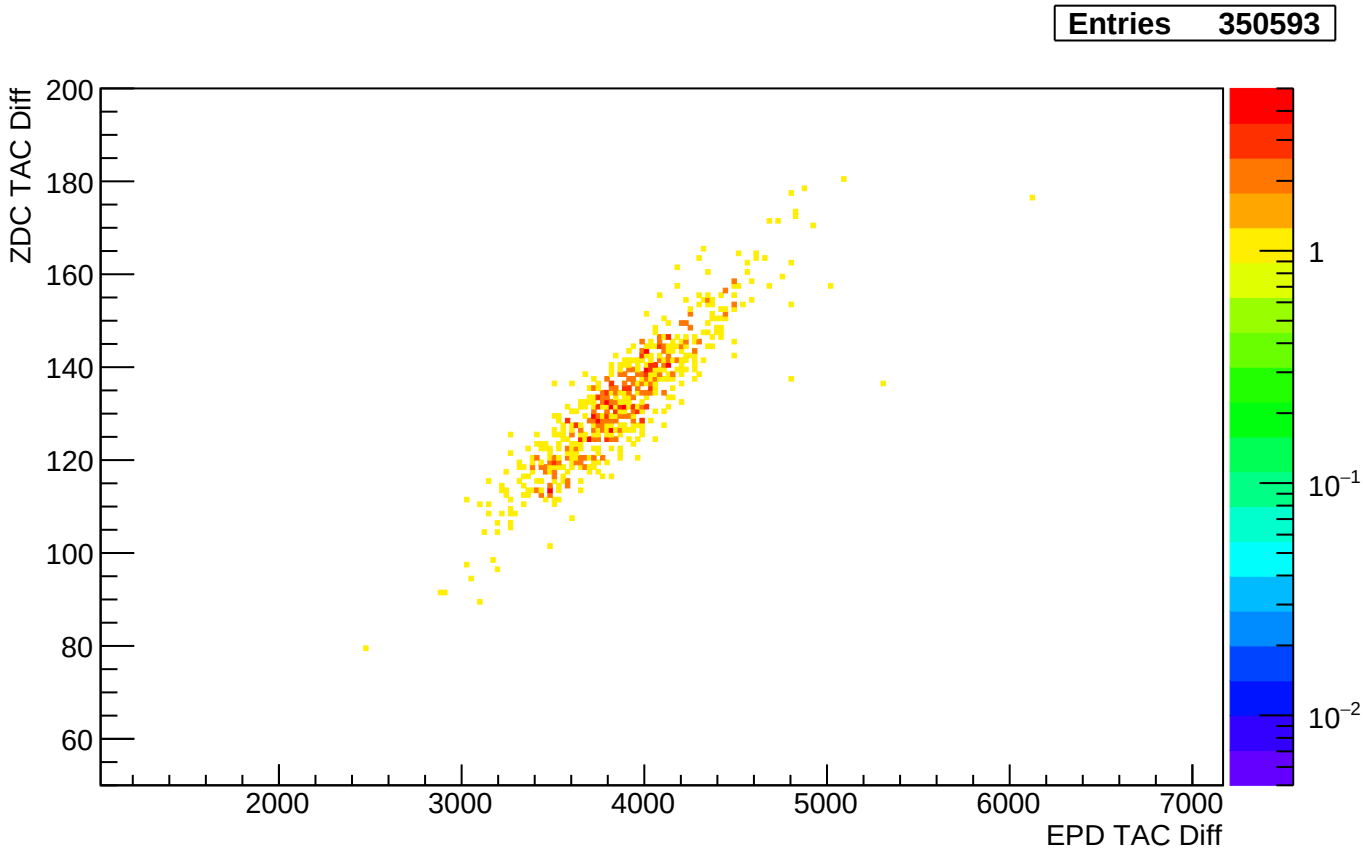

Entries 350593
TOF-Mult
BBC-S-West ADC Sum

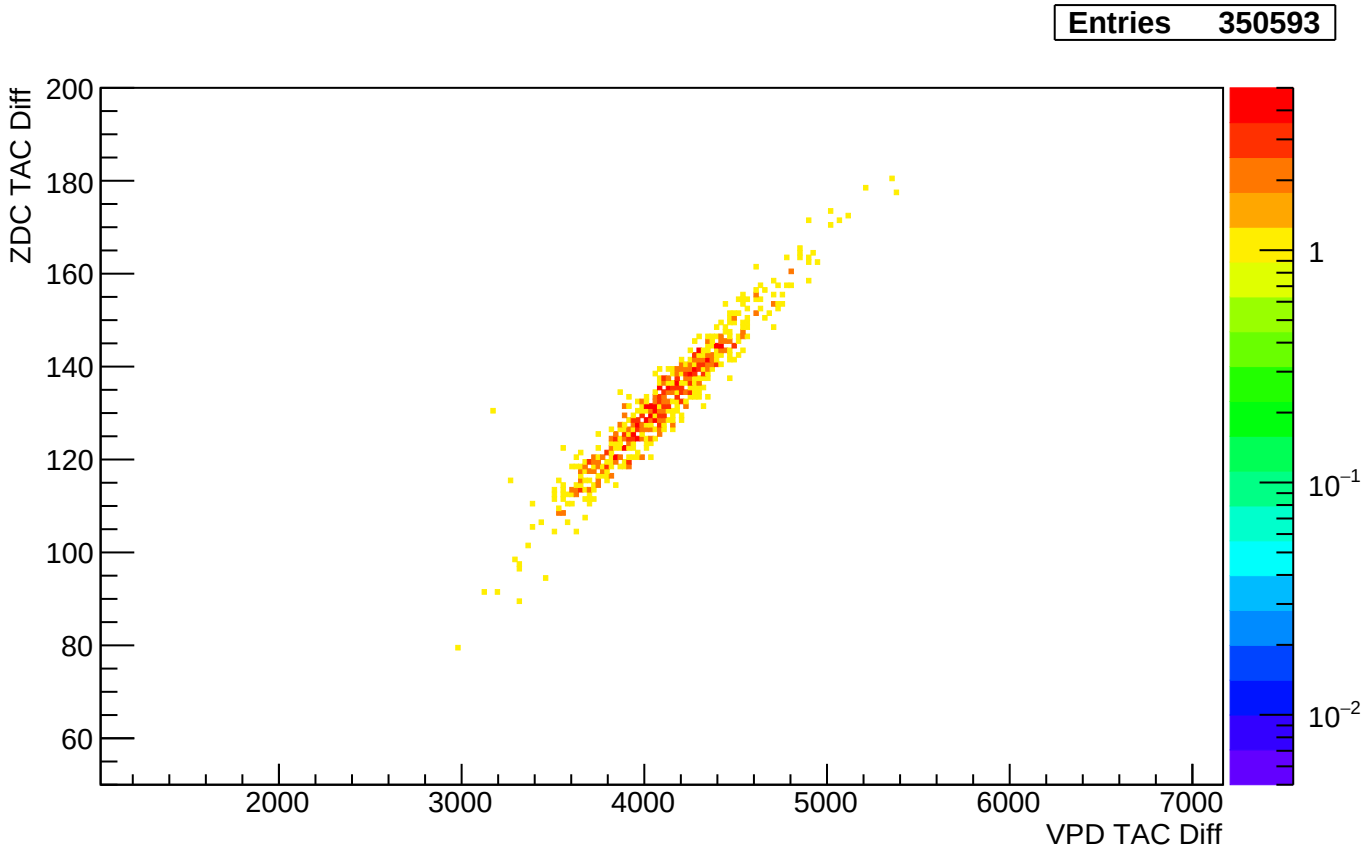

Entries 350593
TOF-Mult
EPD-East Hit Cnt

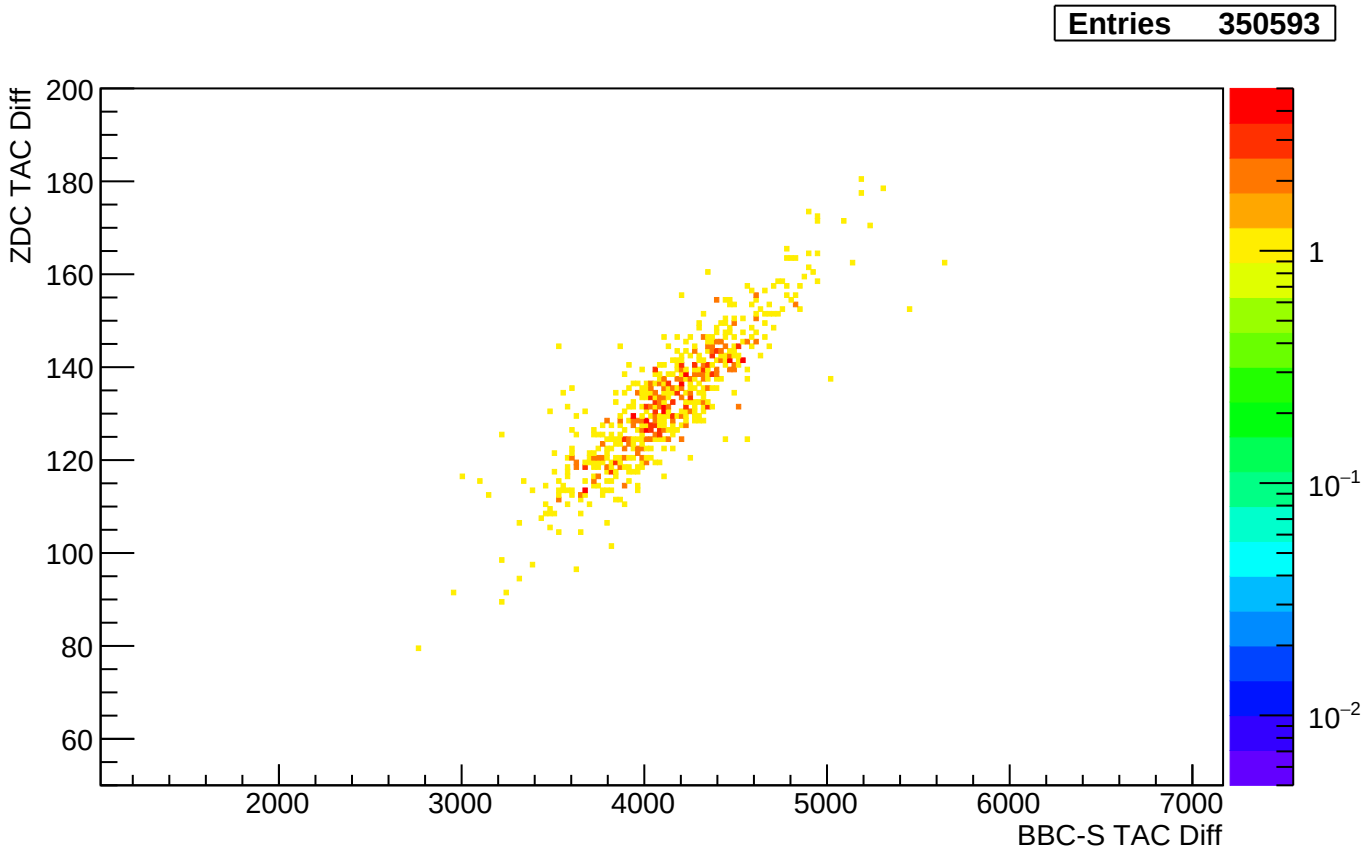

Entries 350593
TOF-Mult
EPD-West Hit Cnt

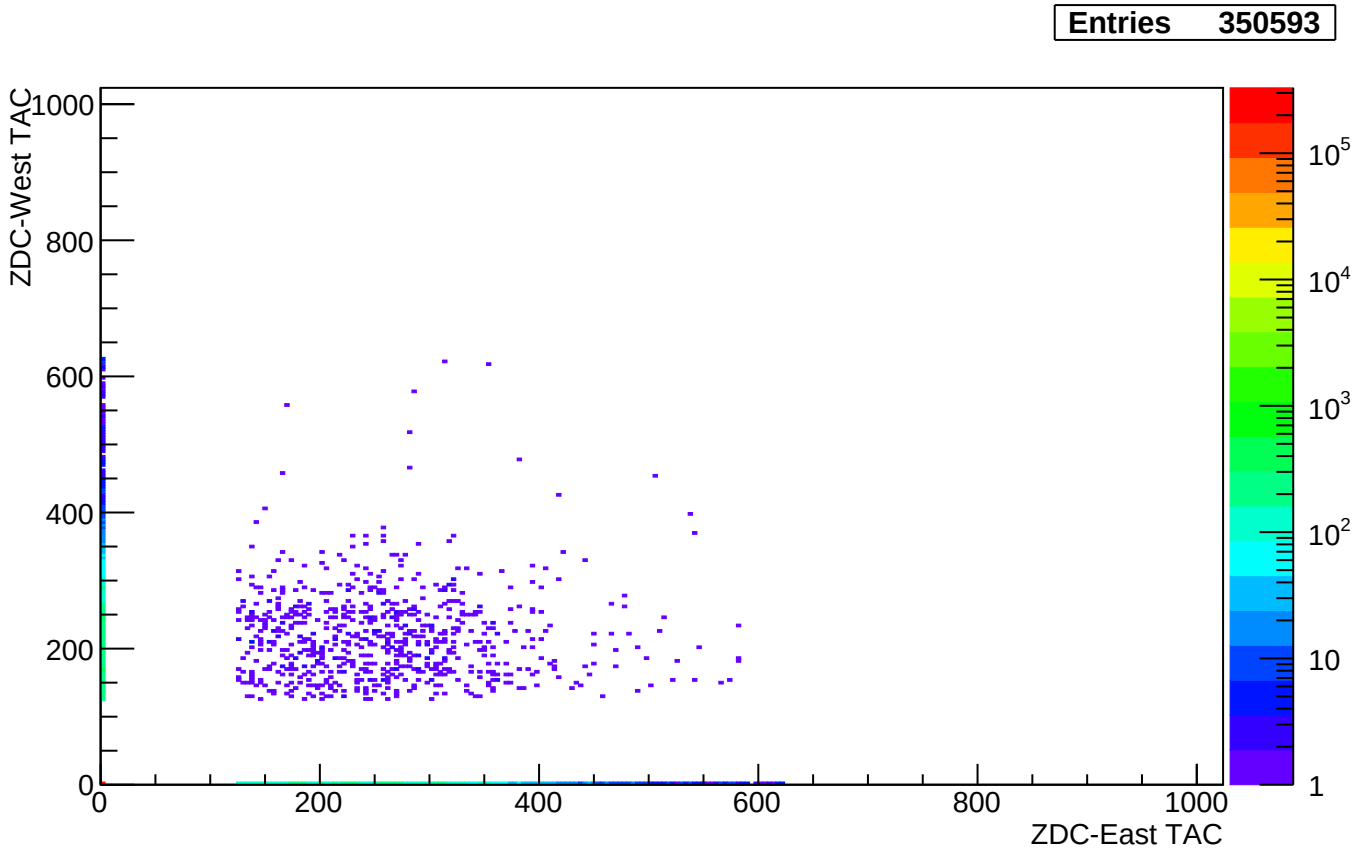

Entries 350593
TOF-Mult
VPD-East ADC Sum

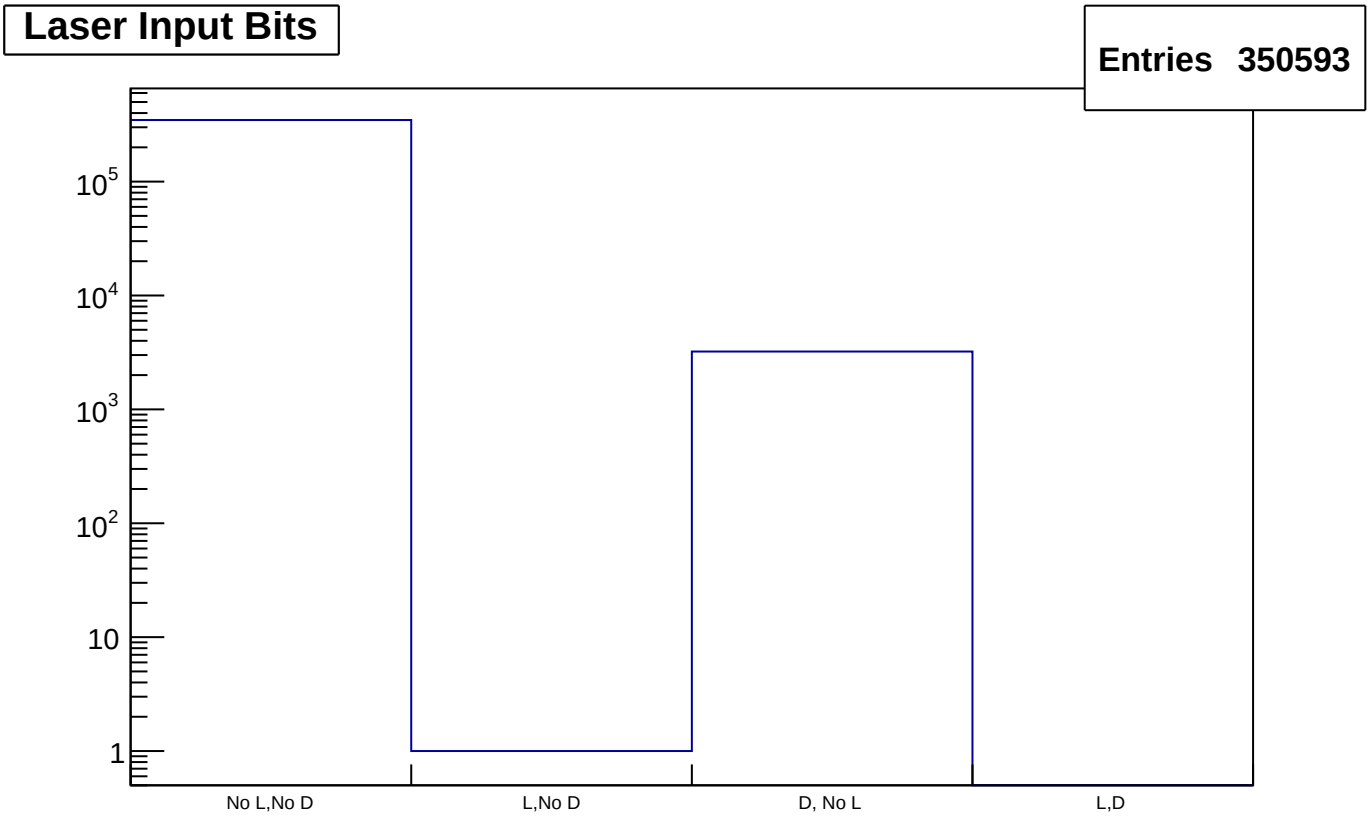

Entries 350593
TOF-Mult
VPD-West ADC Sum

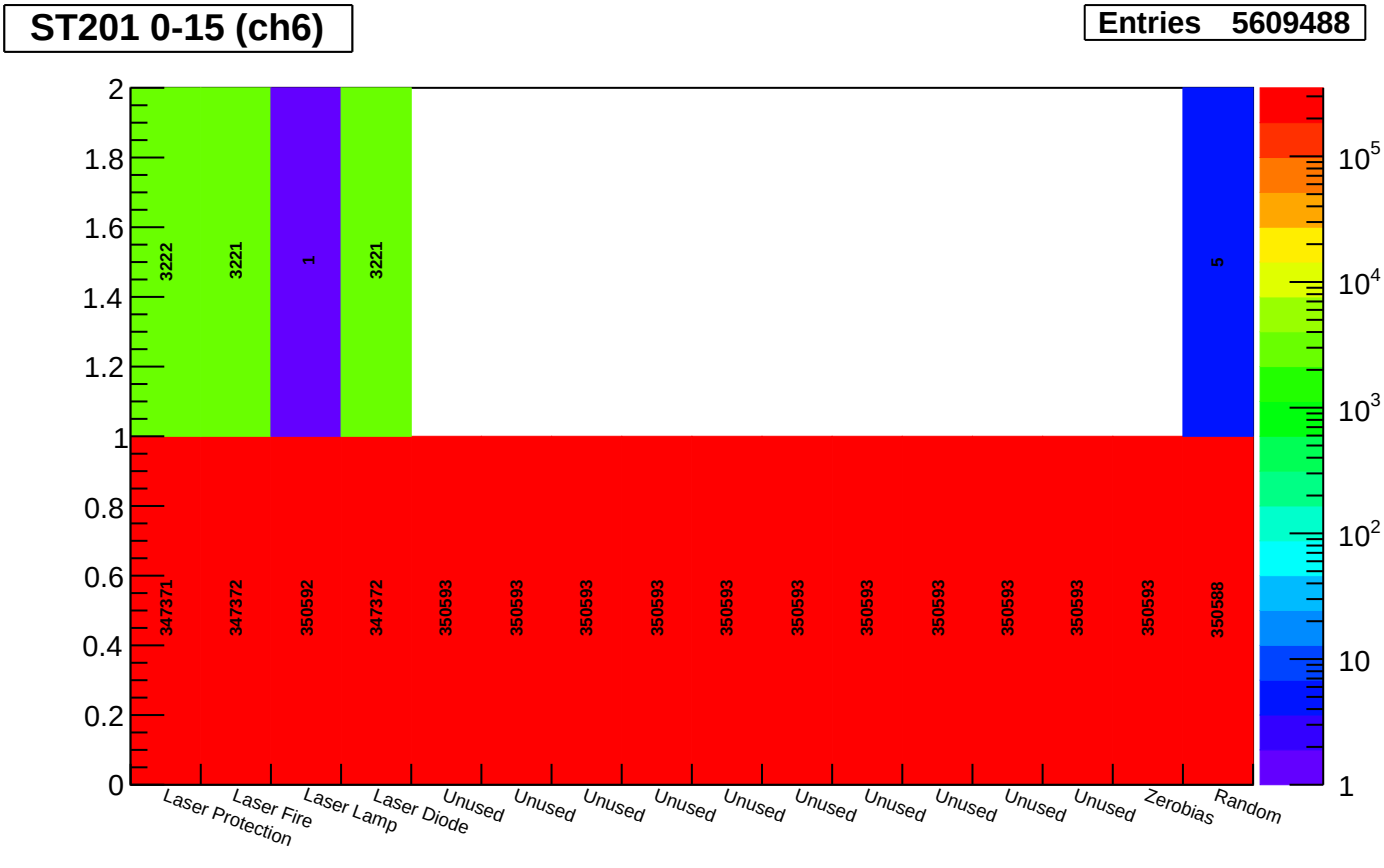

Entries 350593
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

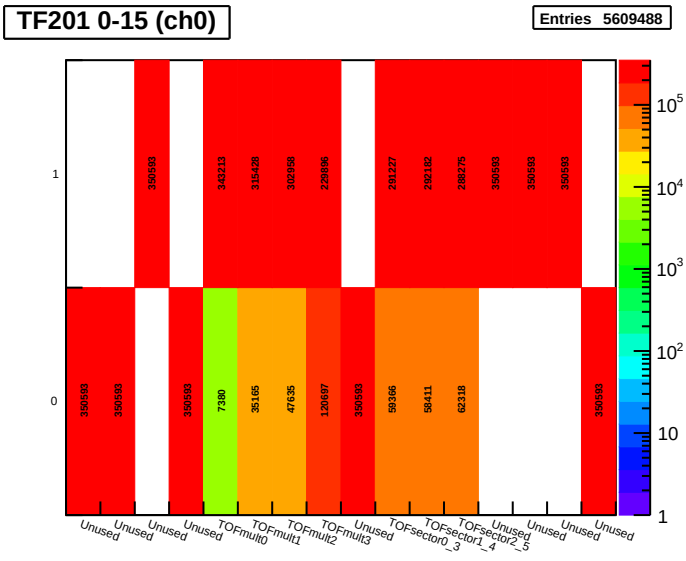

Entries 350593
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

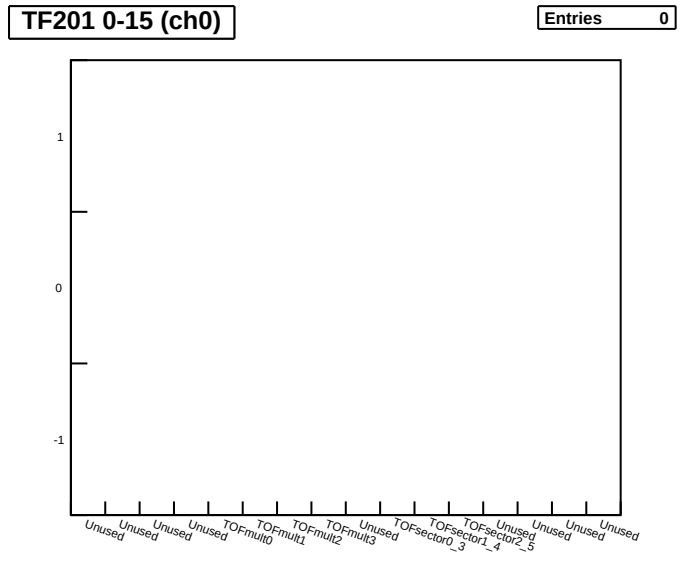

Entries 350593
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

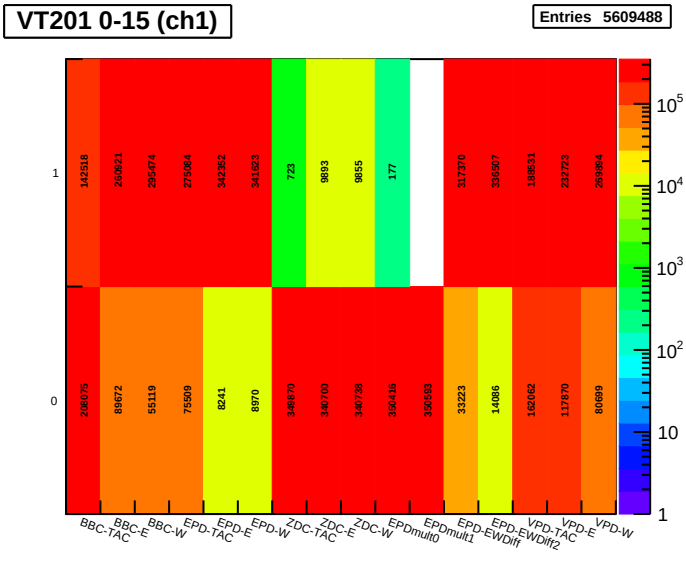

Entries 350593
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

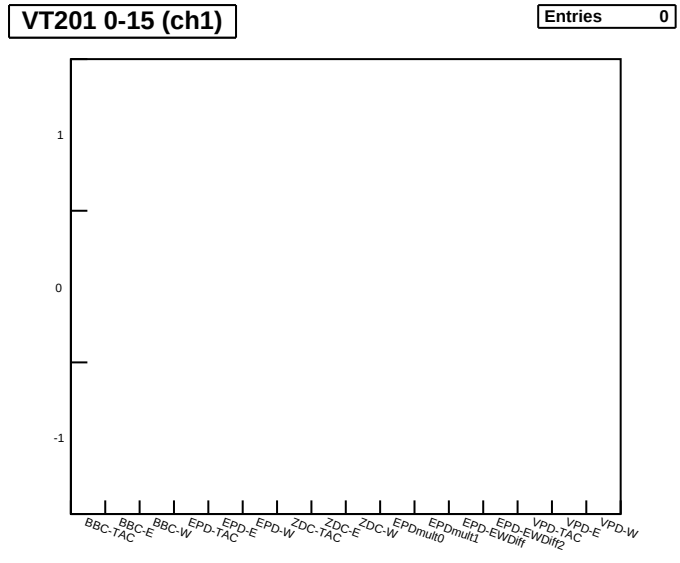

Laser Input Bits
Entries 350593
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

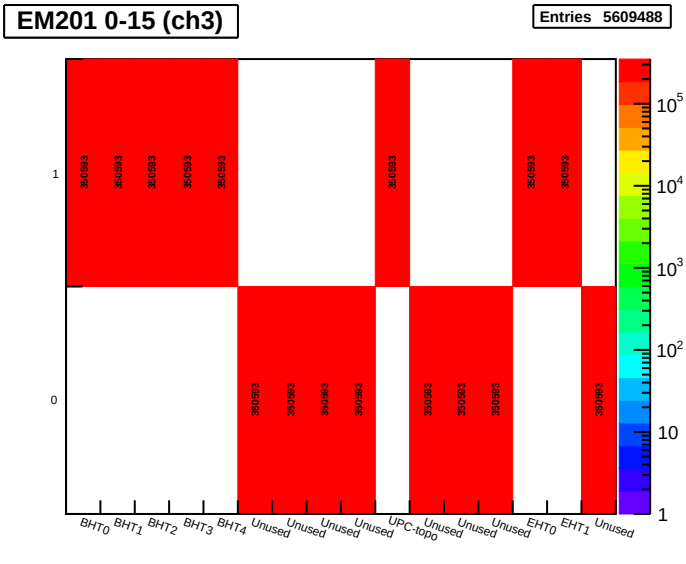

ST201 0-15 (ch6)
Entries 5609488
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3222
3221
1
3221
5
347371
347372
350592
347372
350593
350593
350593
350593
350593
350593
350593
350593
350593
350593
350593
350588
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

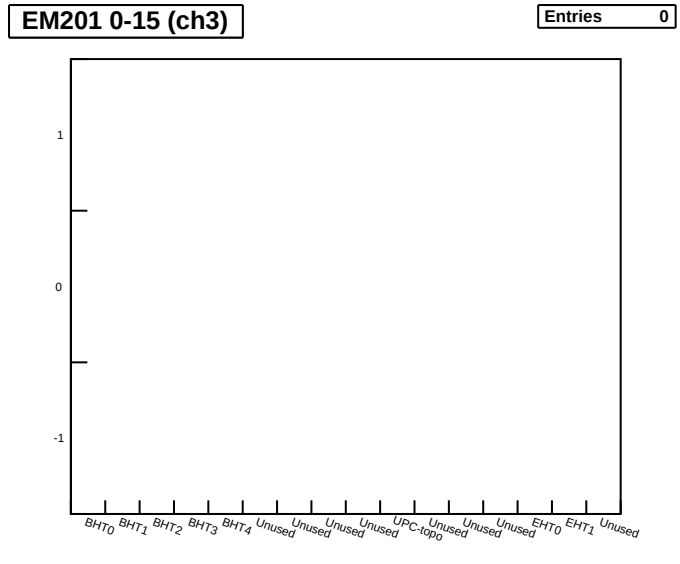

TF201 0-15 (ch0)
Entries 5609488
1
0
350593 350593 350593 350593 350593 350593 350593 350593 350593 350593 350593 350593 350593 350593 350593 350593
7380 35165 47635 120697 59366 58411 62318
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 5609488
1
0
142518 260921 295474 275084 342352 341623 723 9893 9855 177 317370 336507 186531 232723 269834
208075 89672 55119 75509 8241 8970 340870 340700 340738 350416 350593 33223 14086 162062 117870 80699
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
1 10 10^2 10^3 10^4 10^5


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 5609488
1
0
350593 350593 350593 350593 350593 350593 350593 350593 350593
350593 350593 350593 350593 350593 350593 350593 350593
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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