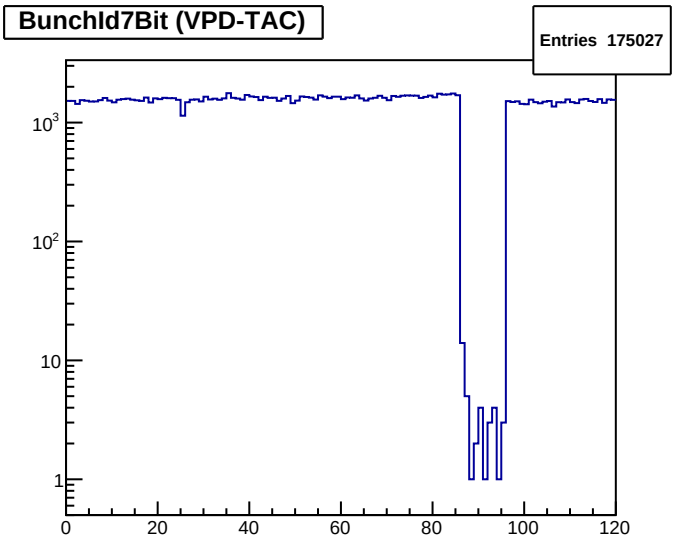
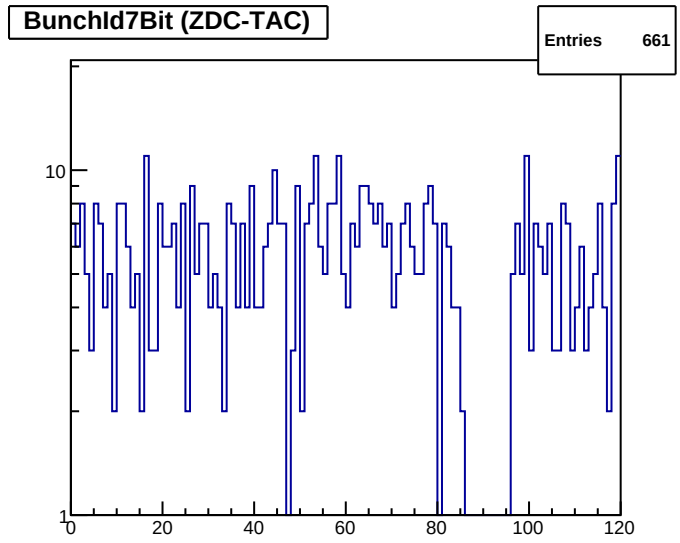
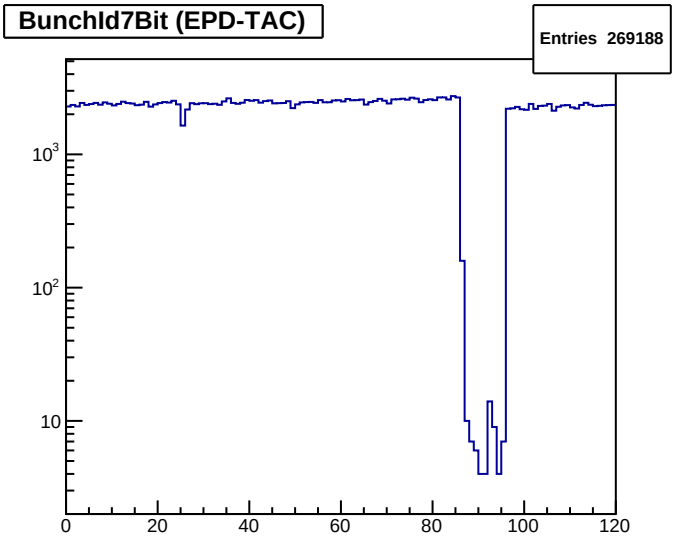
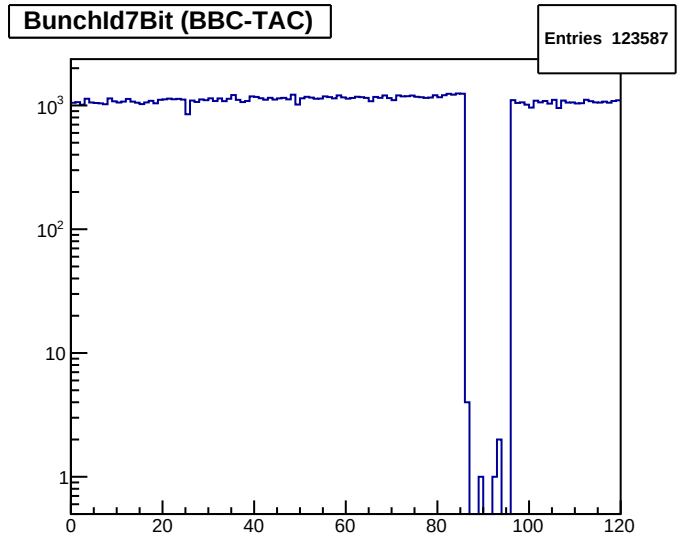
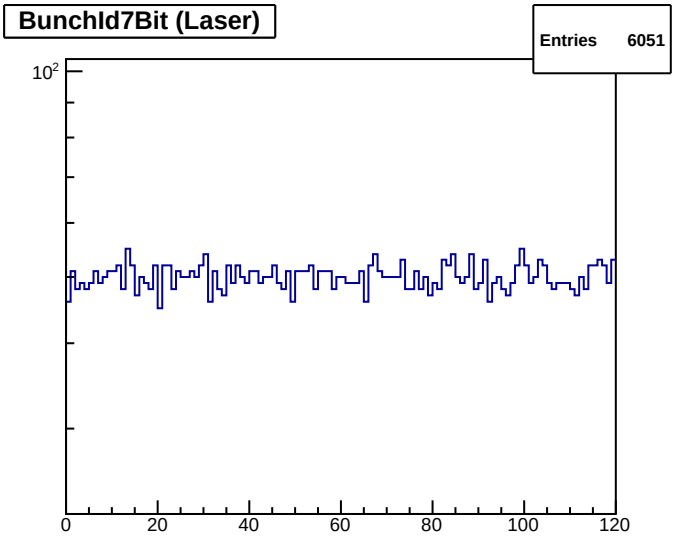
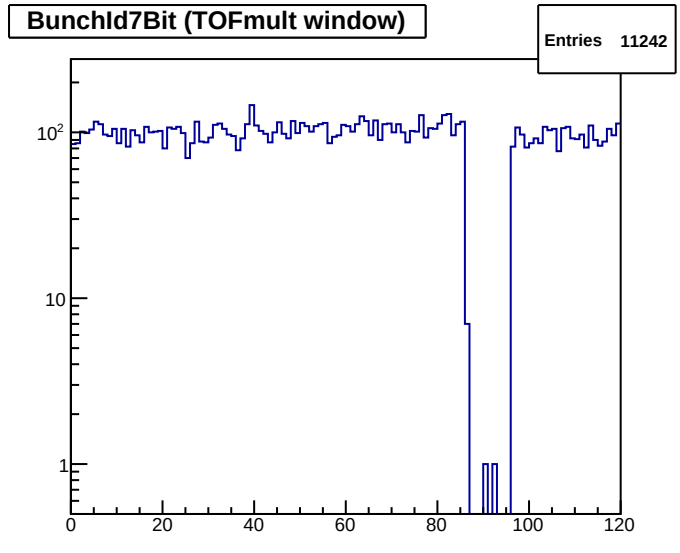

BunchId7Bit (VPD-TAC)
Entries 175027

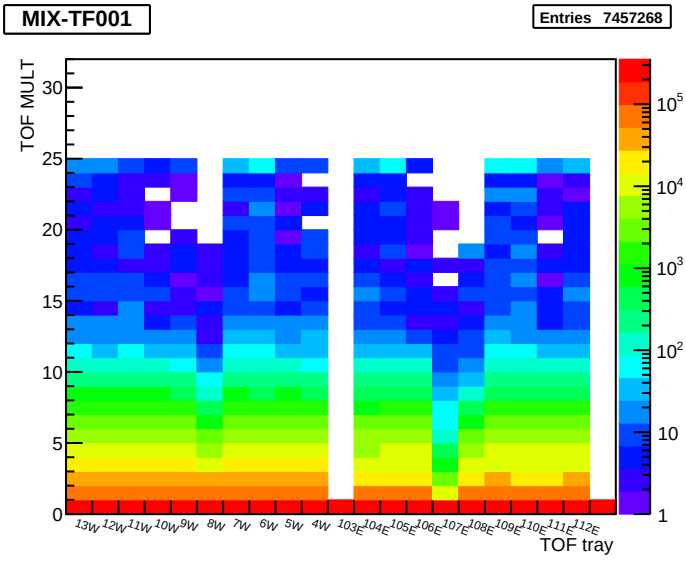

BunchId7Bit (ZDC-TAC)
Entries 661

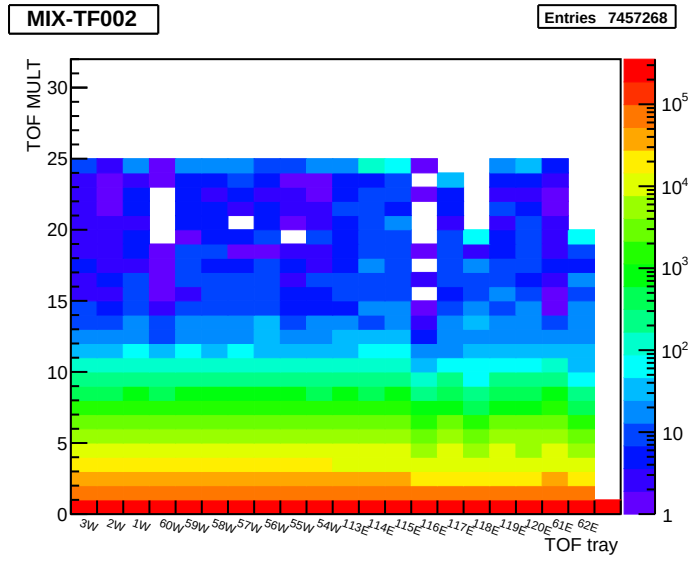

BunchId7Bit (EPD-TAC)
Entries 269188

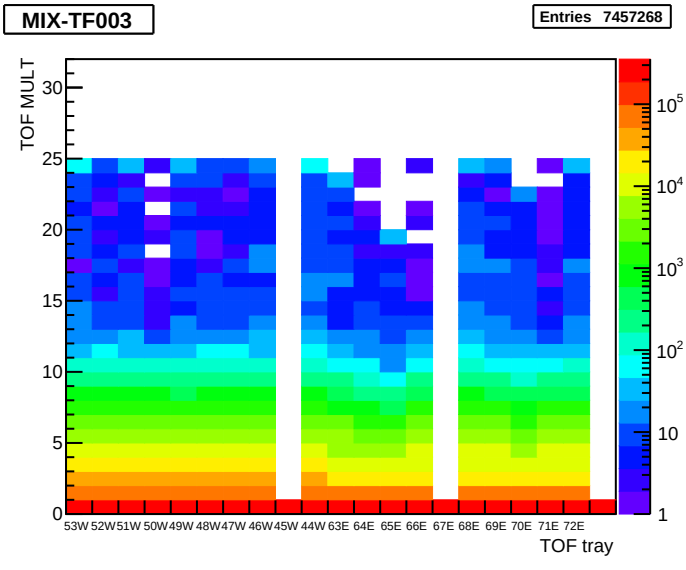

BunchId7Bit (BBC-TAC)
Entries 123587

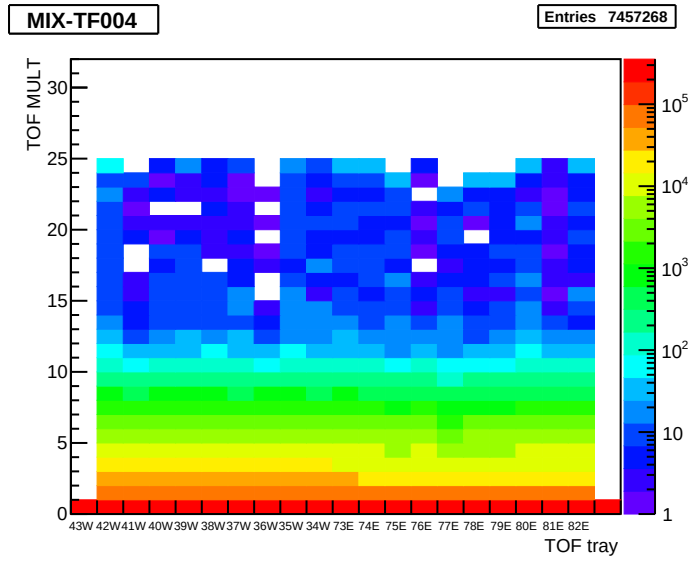

BunchId7Bit (Laser)
Entries 6051

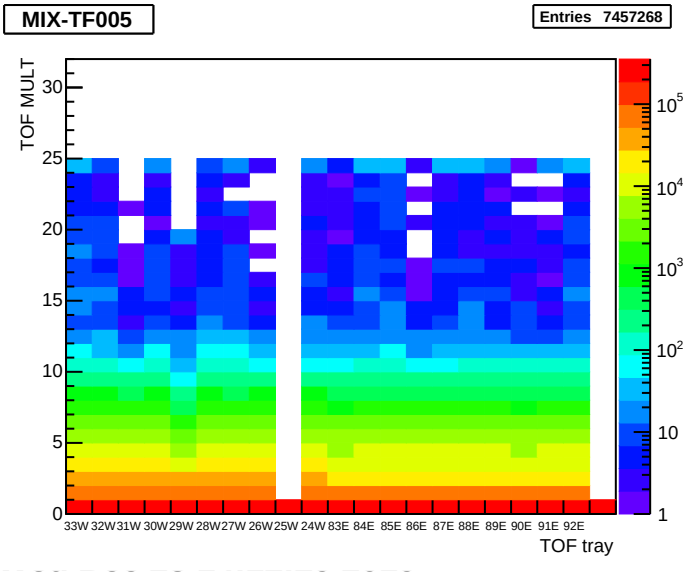

BunchId7Bit (TOFmult window)
Entries 11242

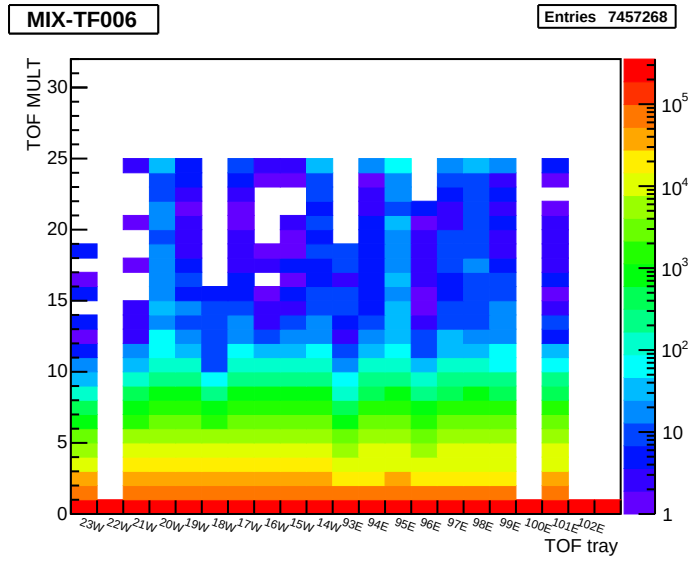

MIX-TF001
Entries 7457268
TOF MULT
TOF tray

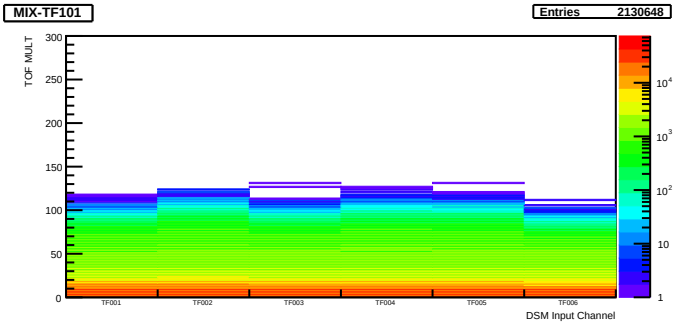

MIX-TF002
Entries 7457268
TOF MULT
TOF tray

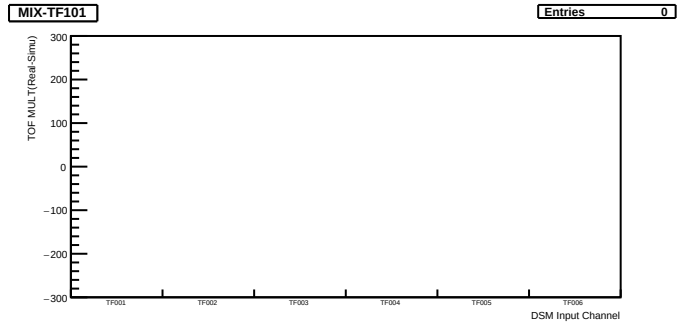

MIX-TF003
Entries 7457268
TOF MULT
TOF tray

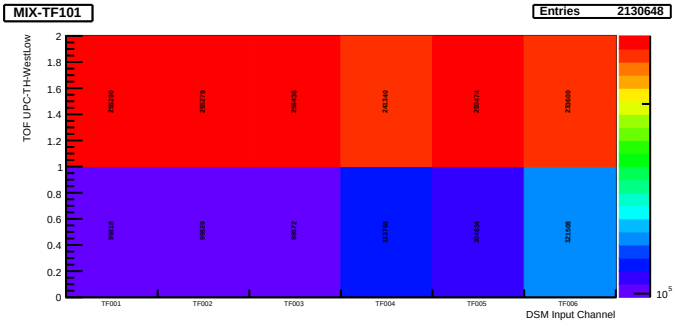

MIX-TF004
Entries 7457268
TOF MULT
TOF tray

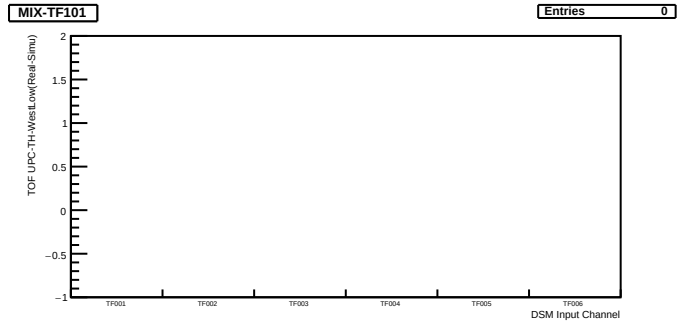

MIX-TF005
Entries 7457268
TOF MULT
TOF tray

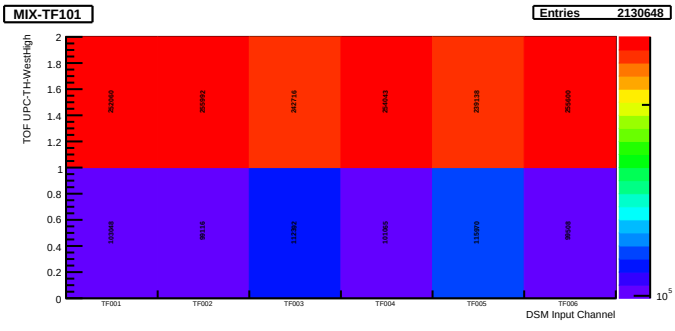

MIX-TF006
Entries 7457268
TOF MULT
TOF tray

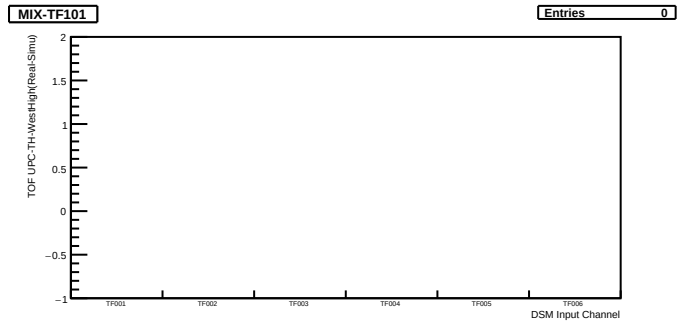

MIX-TF101
Entries 2130648
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

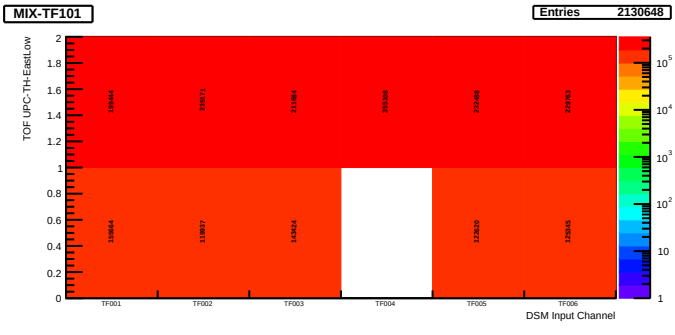

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

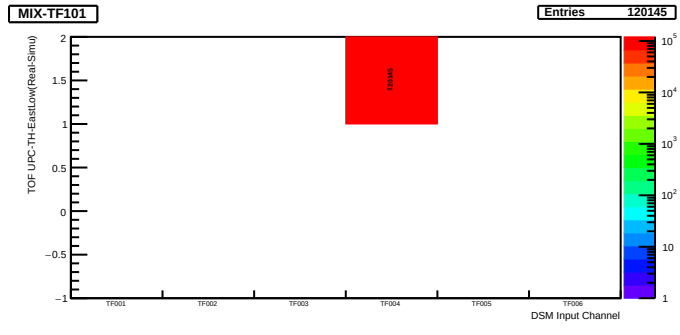

MIX-TF101
Entries 2130648
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

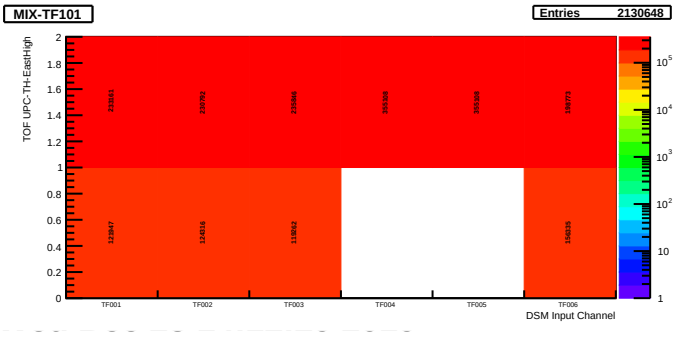

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

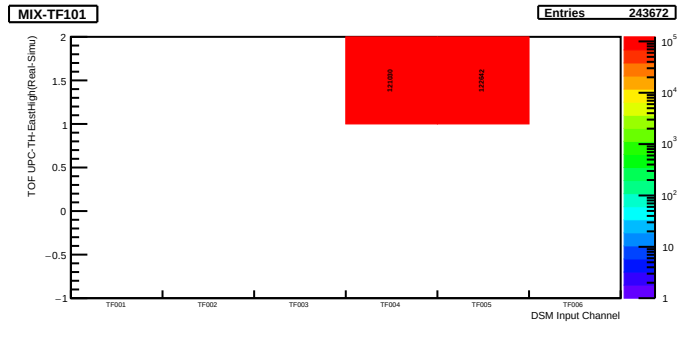

MIX-TF101
Entries 2130648
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

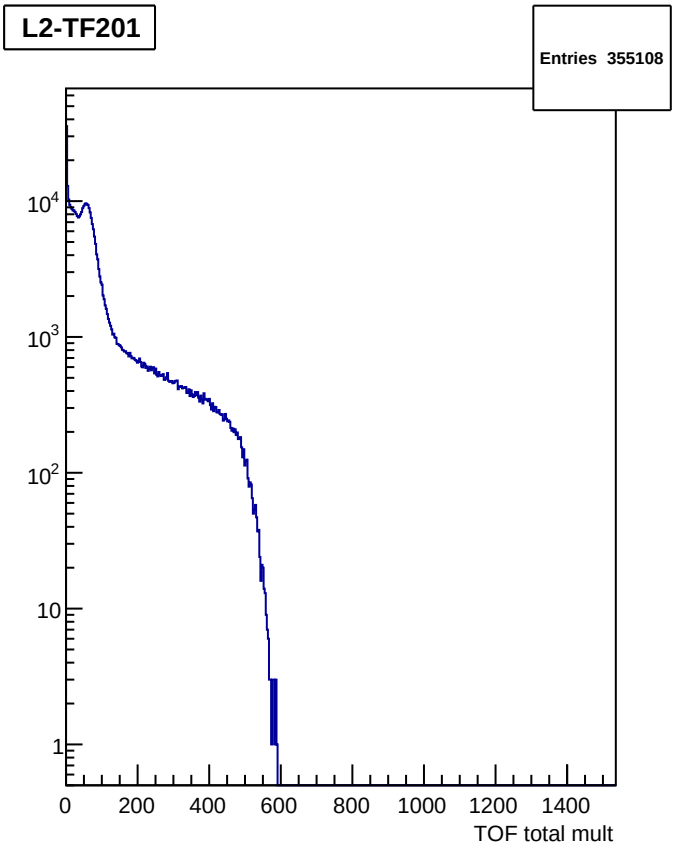

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

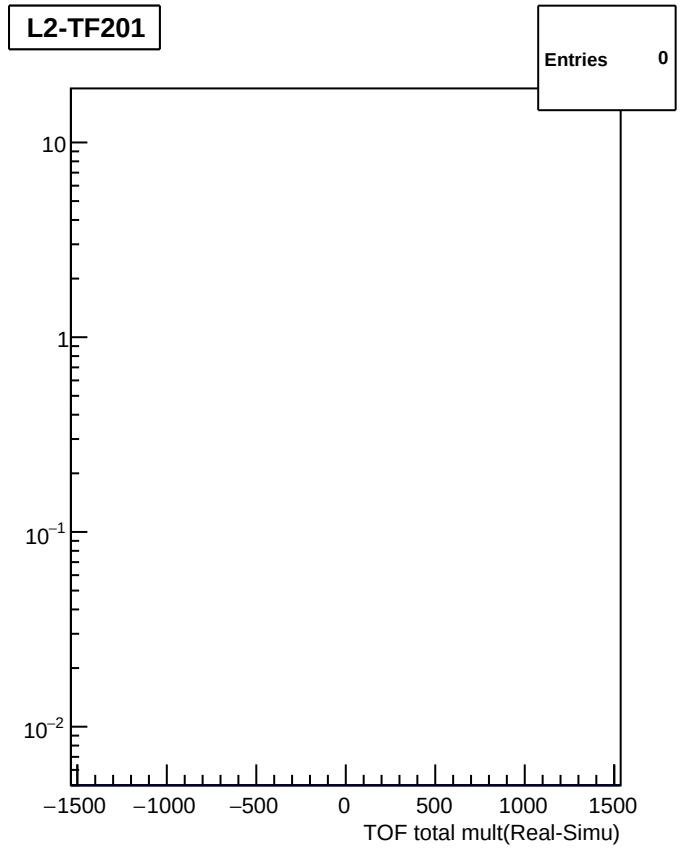

MIX-TF101
Entries 2130648
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

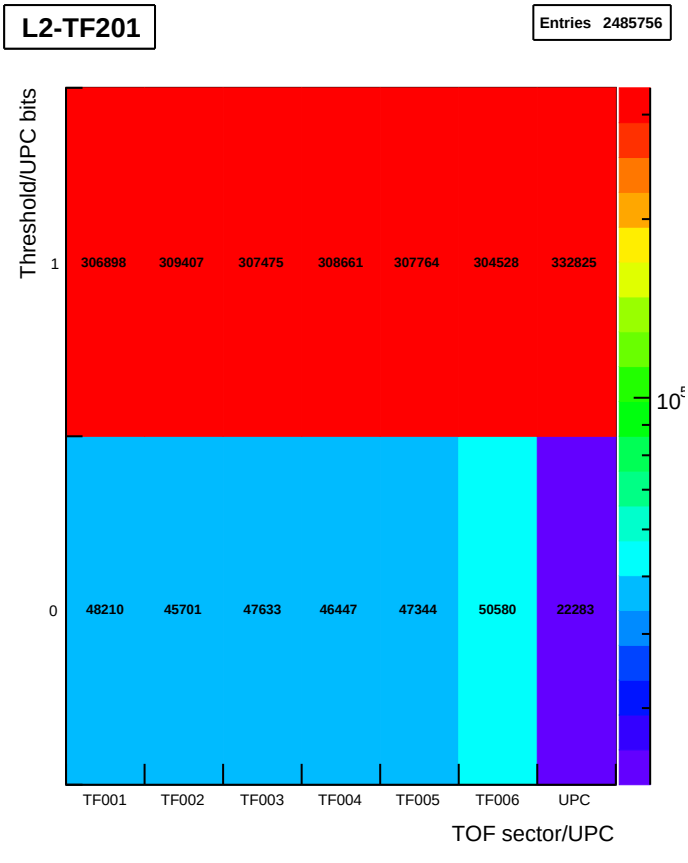

MIX-TF101
Entries 120145
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

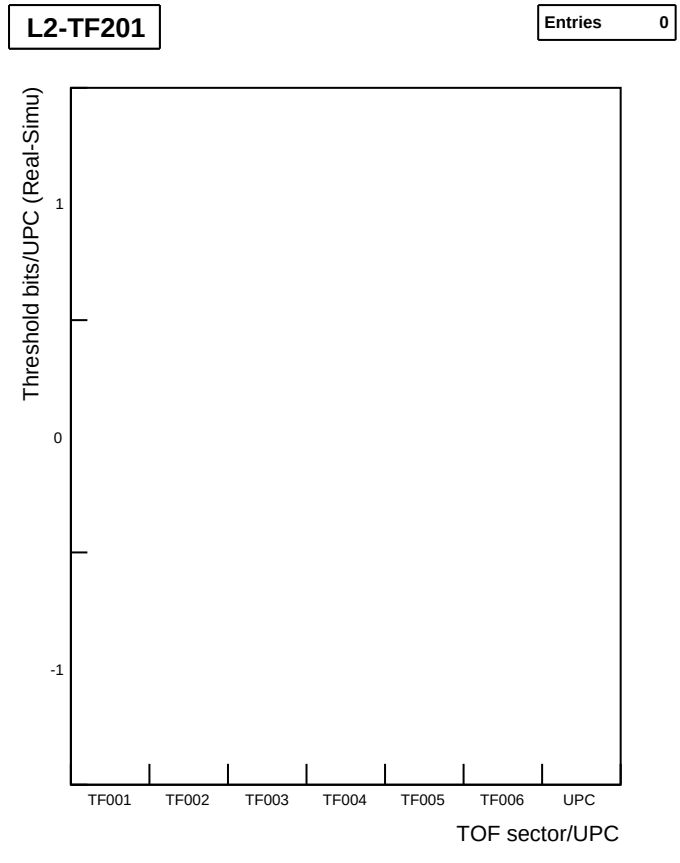

MIX-TF101
Entries 2130648
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

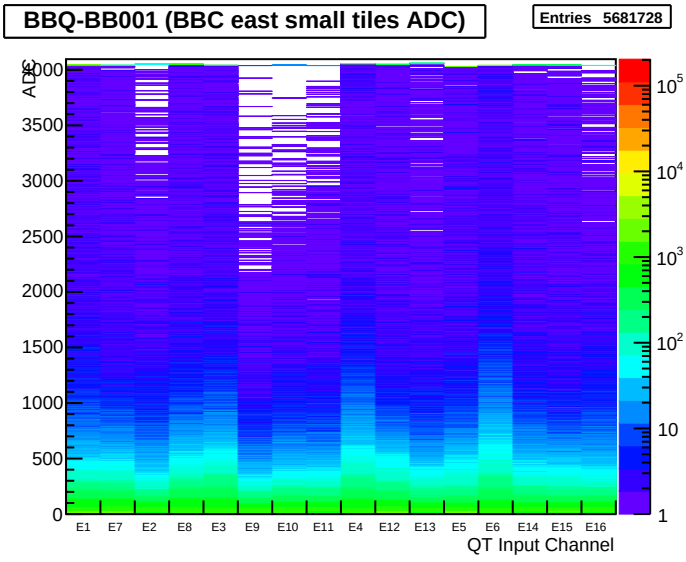

MIX-TF101
Entries 243672
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

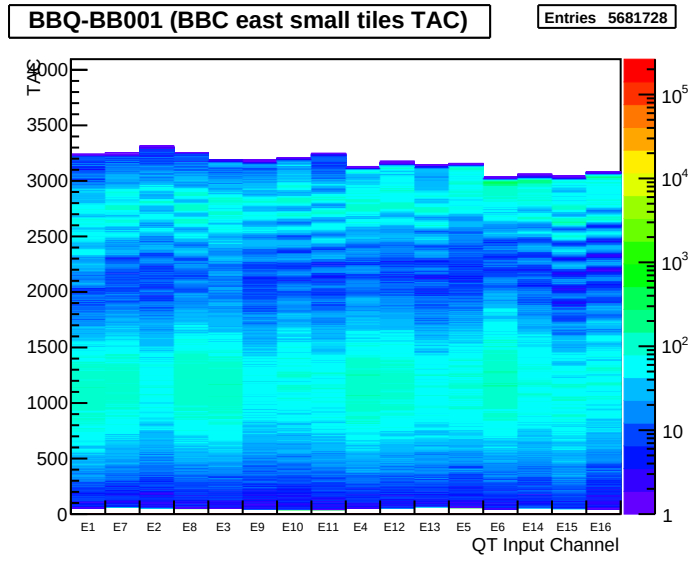

L2-TF201
Entries 355108
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

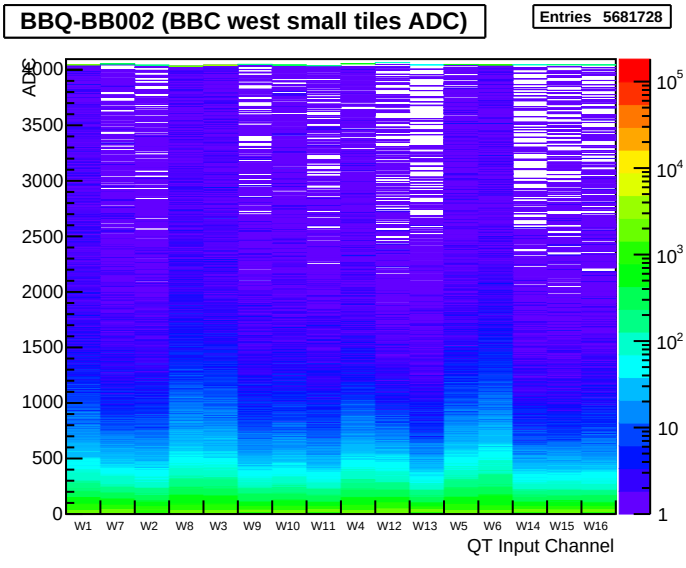

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

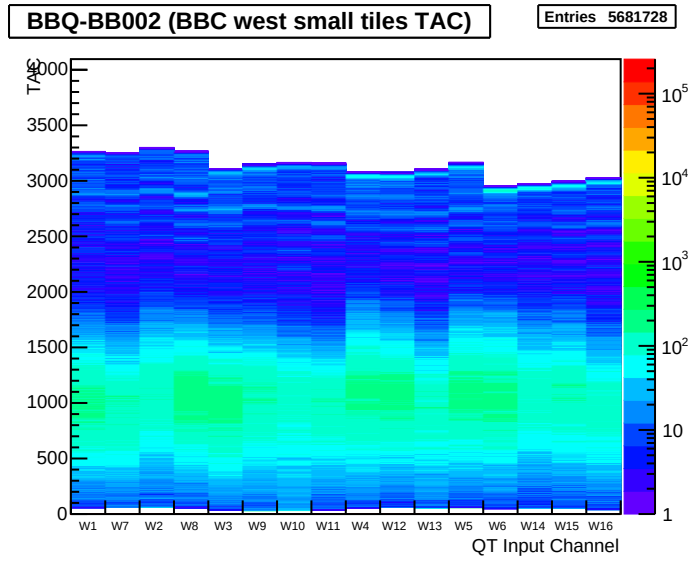

L2-TF201
Entries 2485756
Threshold/UPC bits
1
0
306898
309407
307475
308661
307764
304528
332825
48210
45701
47633
46447
47344
50580
22283
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

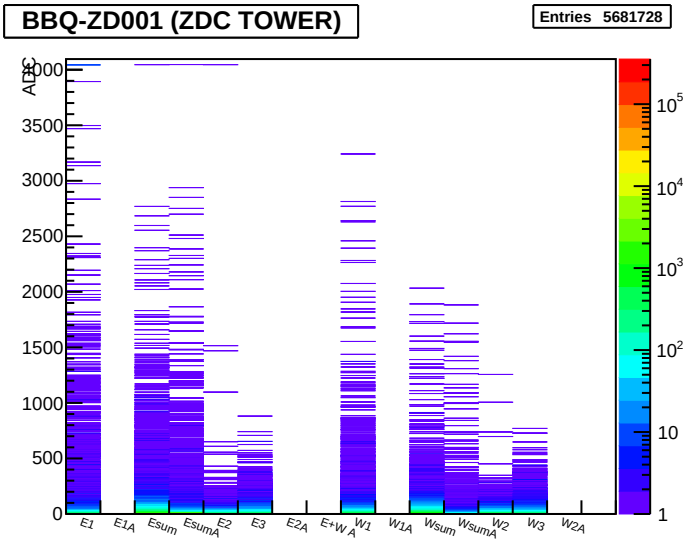

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

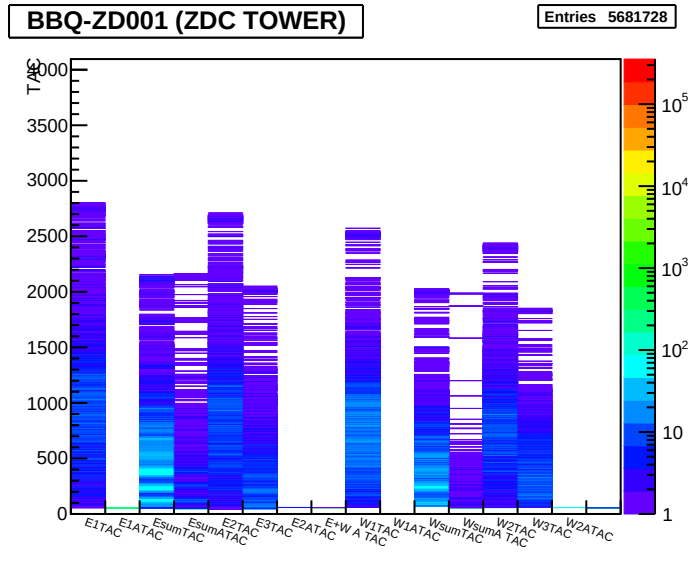

BBQ-BB001 (BBC east small tiles ADC)
Entries 5681728
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

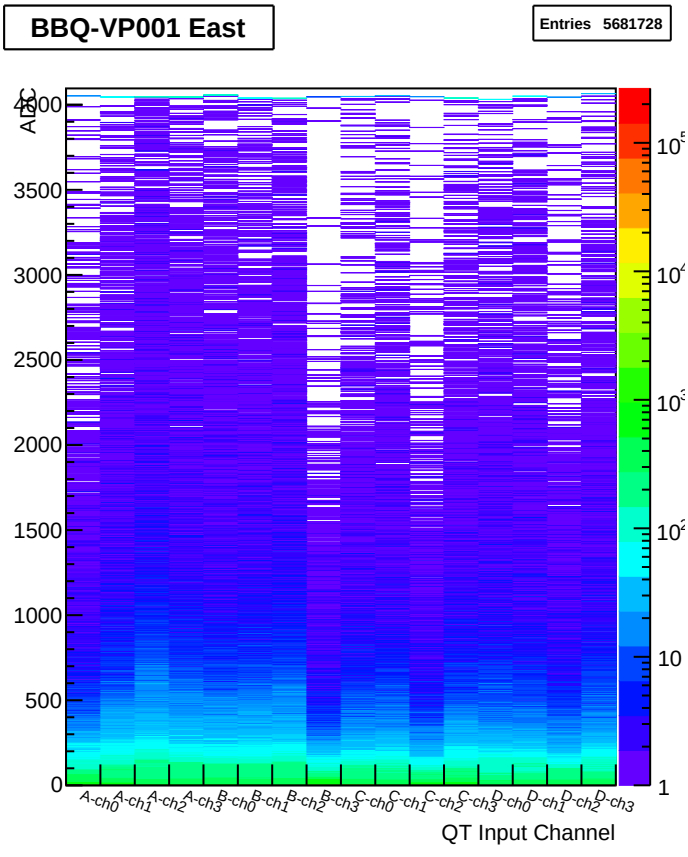

BBQ-BB001 (BBC east small tiles TAC)
Entries 5681728
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

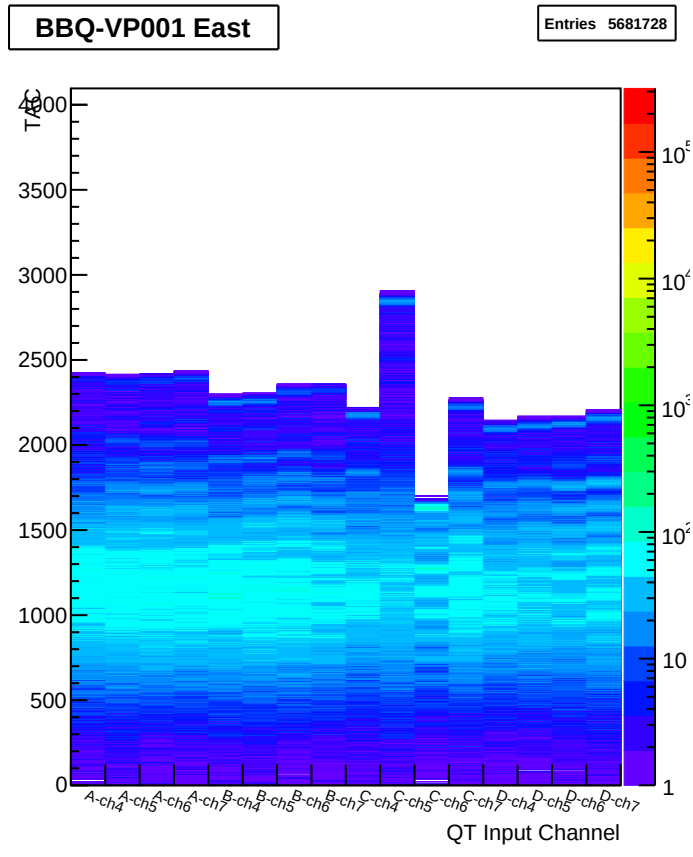

BBQ-BB002 (BBC west small tiles ADC)
Entries 5681728
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

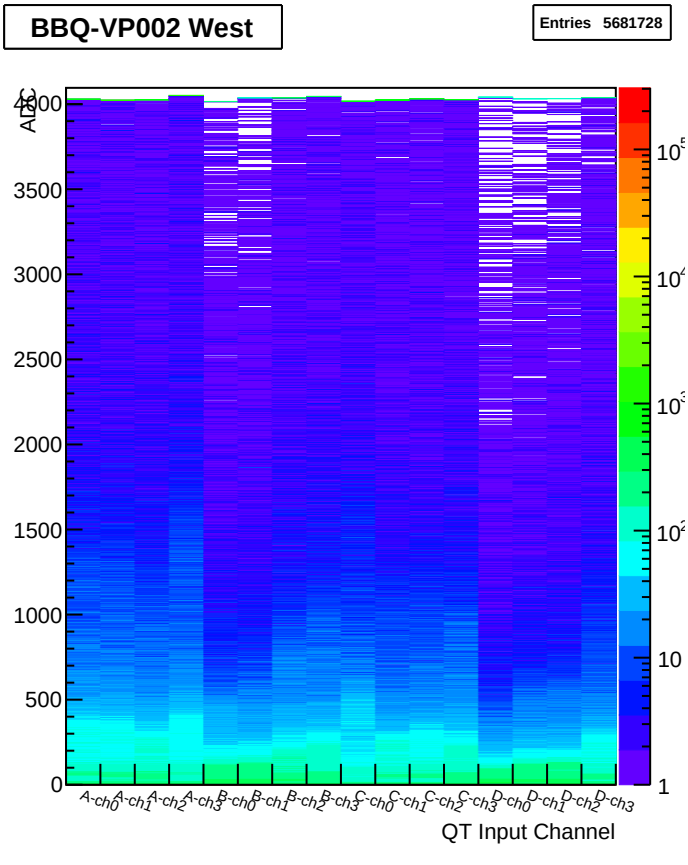

BBQ-BB002 (BBC west small tiles TAC)
Entries 5681728
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

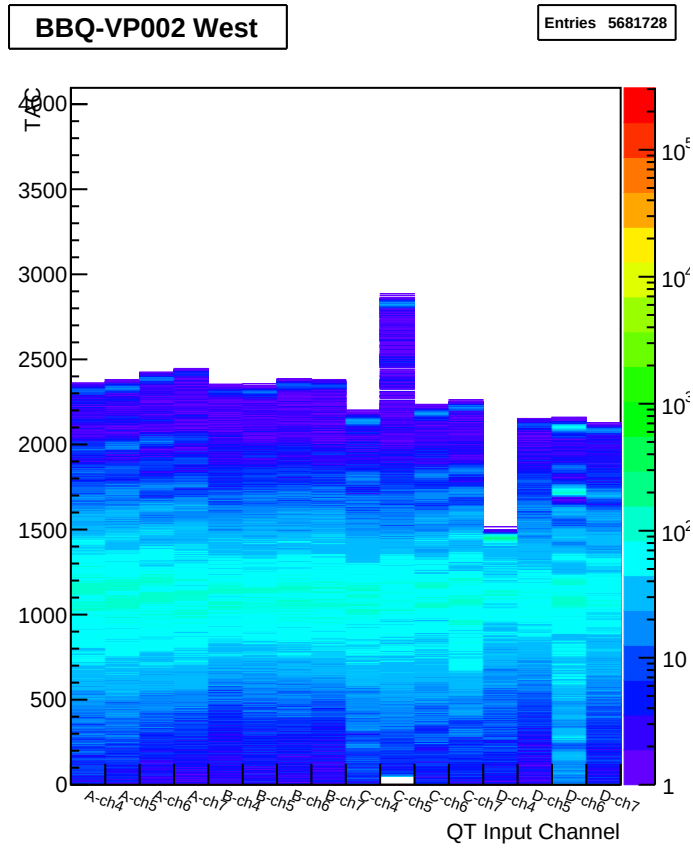

BBQ-ZD001 (ZDC TOWER)
Entries 5681728
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

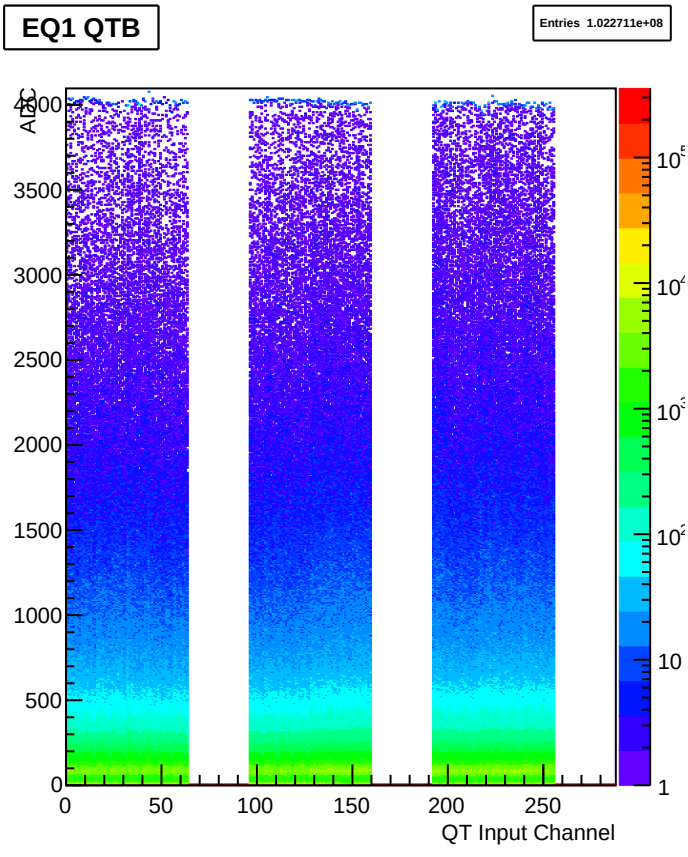

BBQ-ZD001 (ZDC TOWER)
Entries 5681728
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

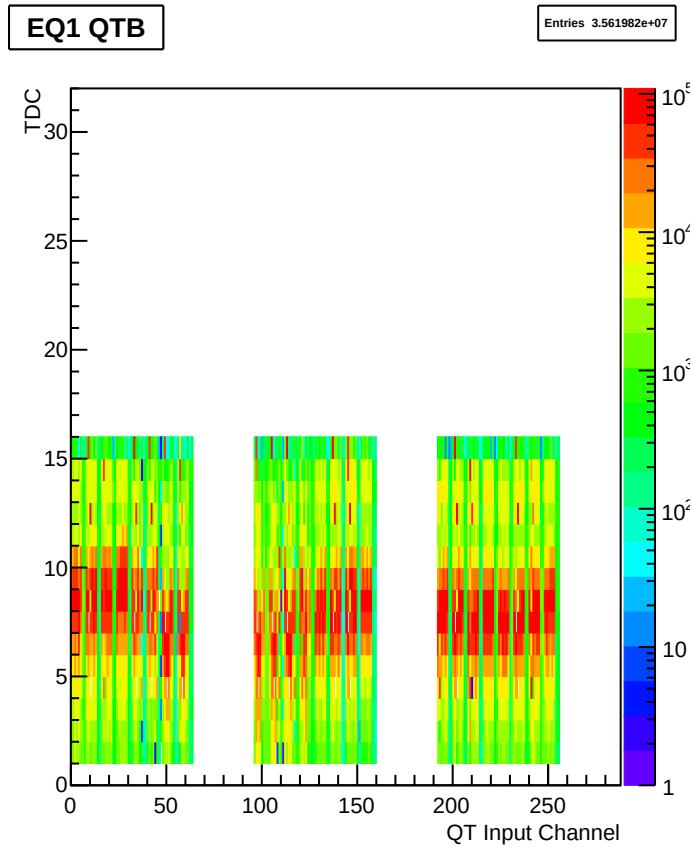

BBQ-VP001 East
Entries 5681728
ADC
QT Input Channel

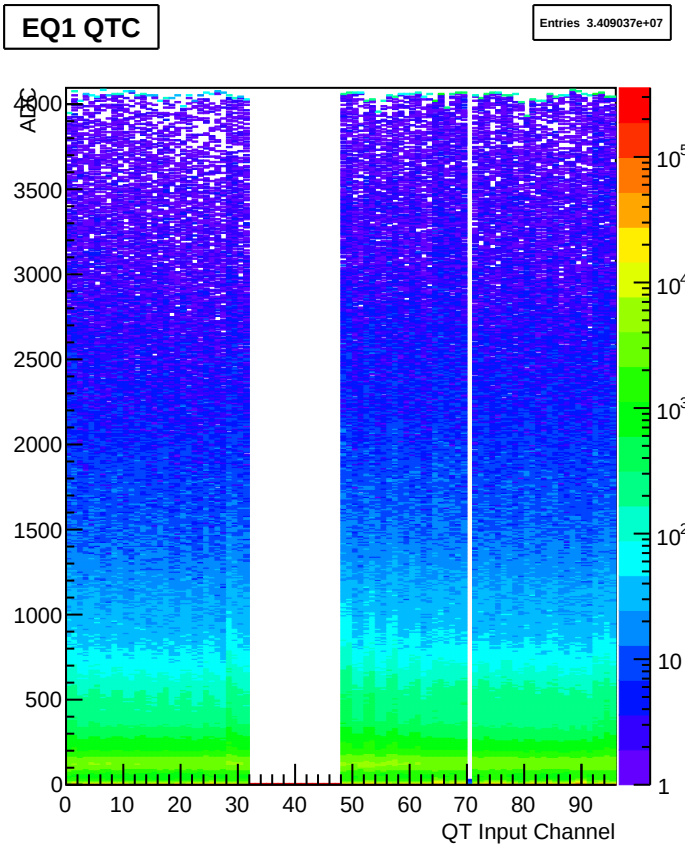

BBQ-VP001 East
Entries 5681728
TADC
QT Input Channel

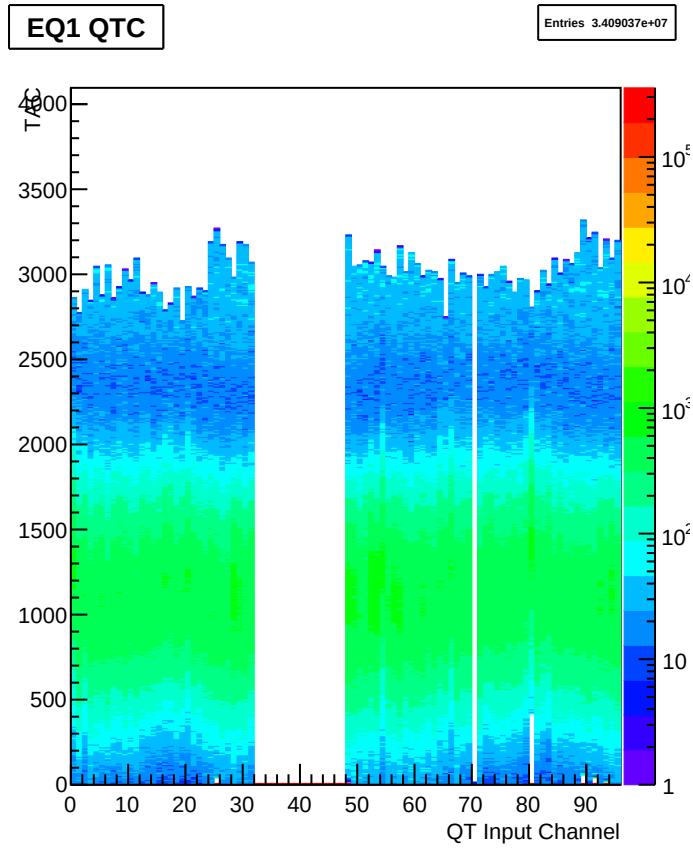

BBQ-VP002 West
Entries 5681728
ADC
QT Input Channel

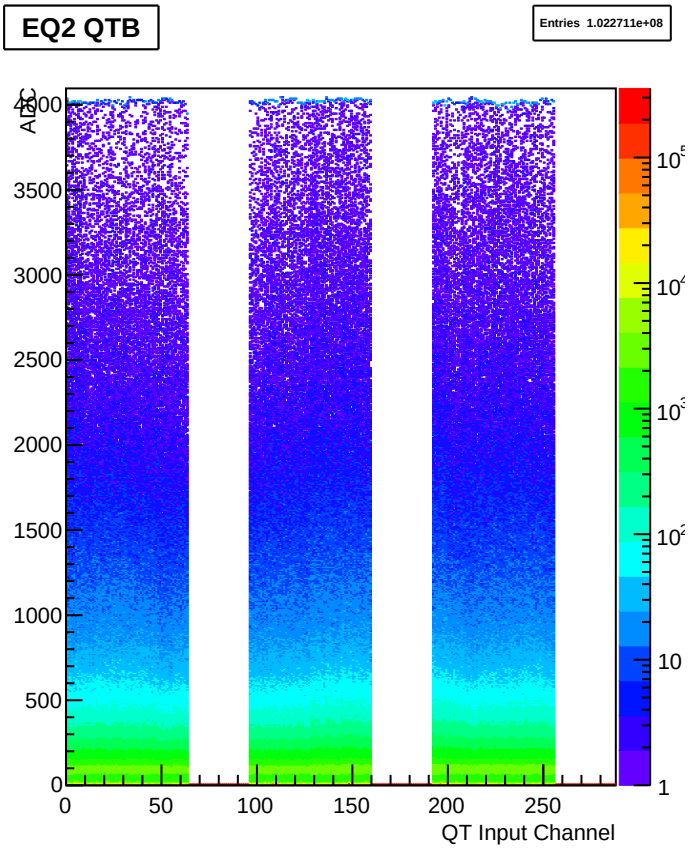

BBQ-VP002 West
Entries 5681728
TADC
QT Input Channel

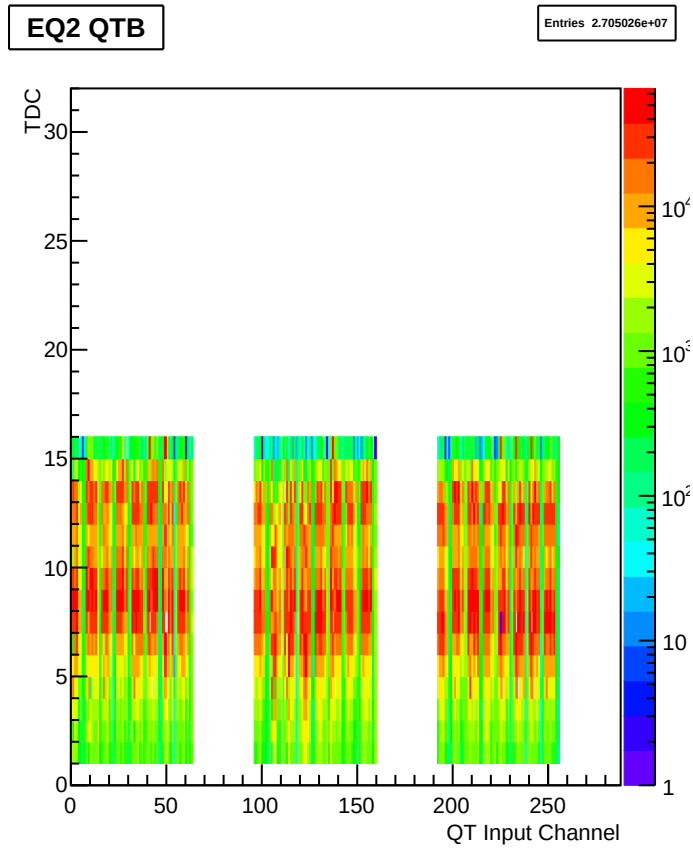

EQ1 QTB
Entries 1.022711e+08
ADC
QT Input Channel

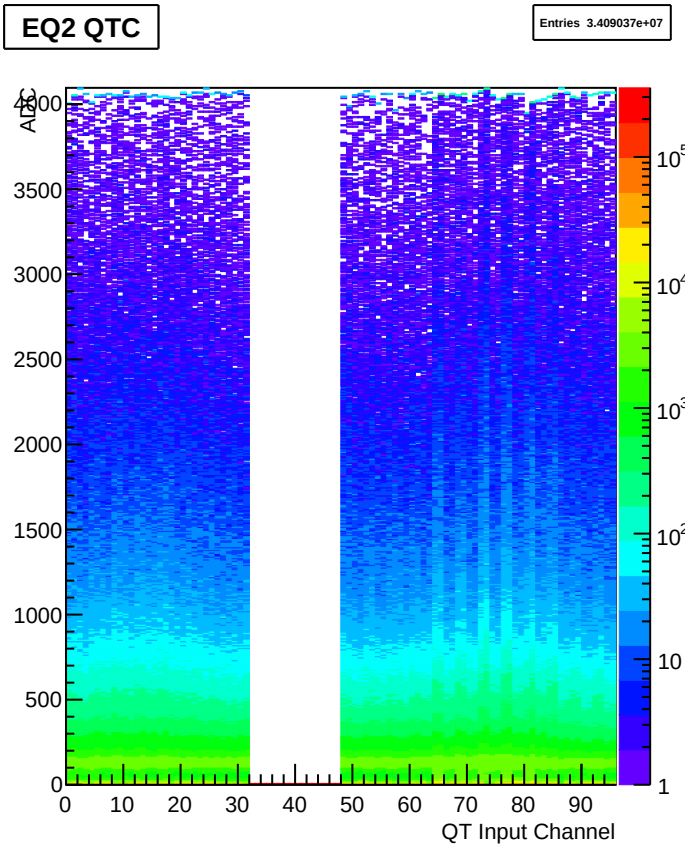

EQ1 QTB
Entries 3.561982e+07
TDC
QT Input Channel

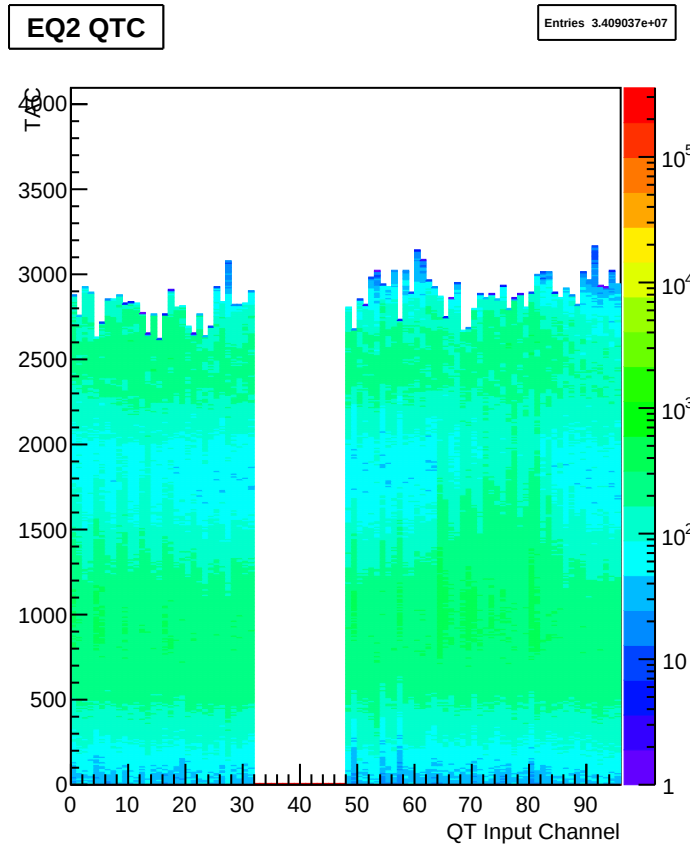

EQ1 QTC
Entries 3.409037e+07
ADC
QT Input Channel

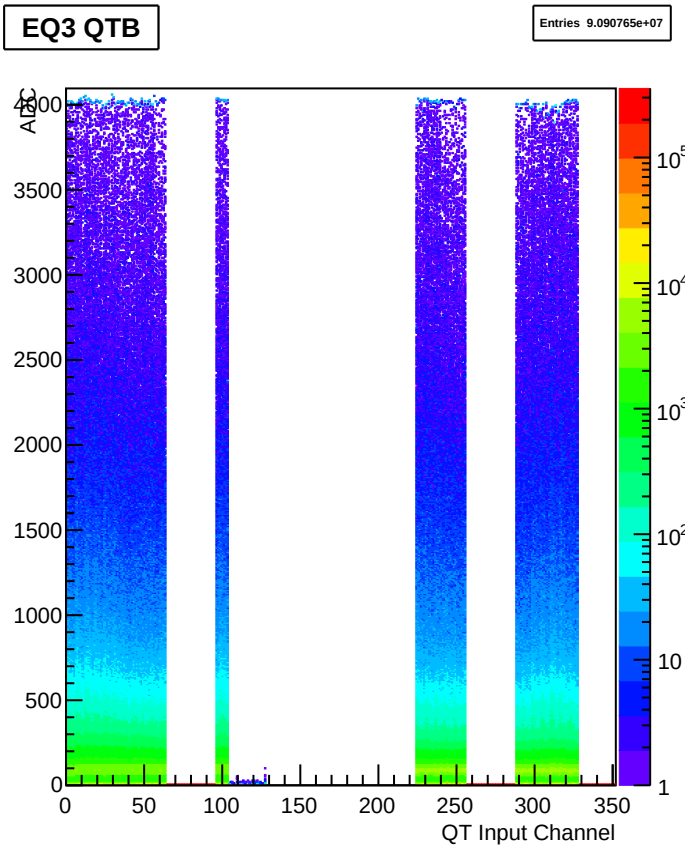

EQ1 QTC
Entries 3.409037e+07
TADC
QT Input Channel

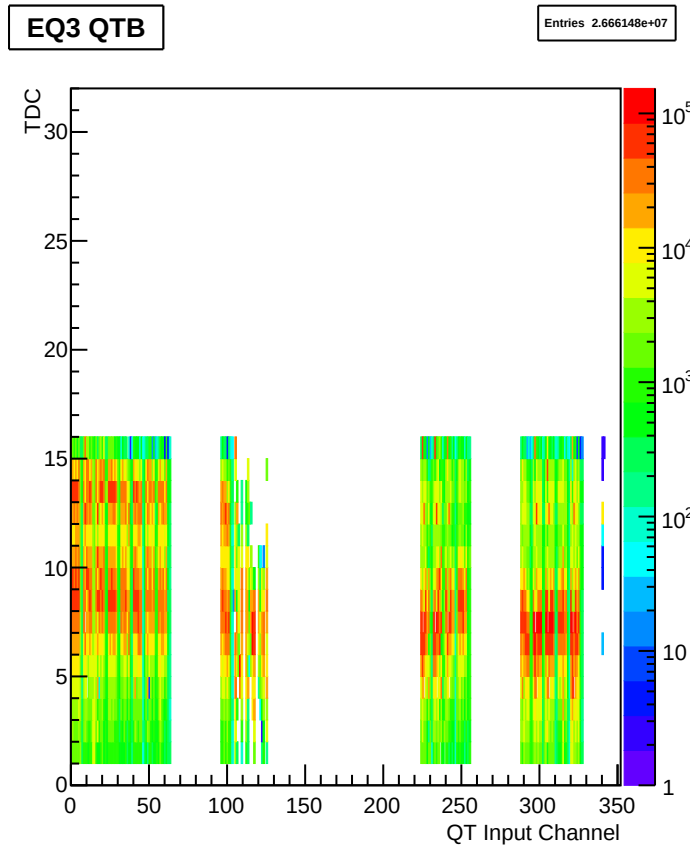

EQ2 QTB
Entries 1.022711e+08
ADC
QT Input Channel

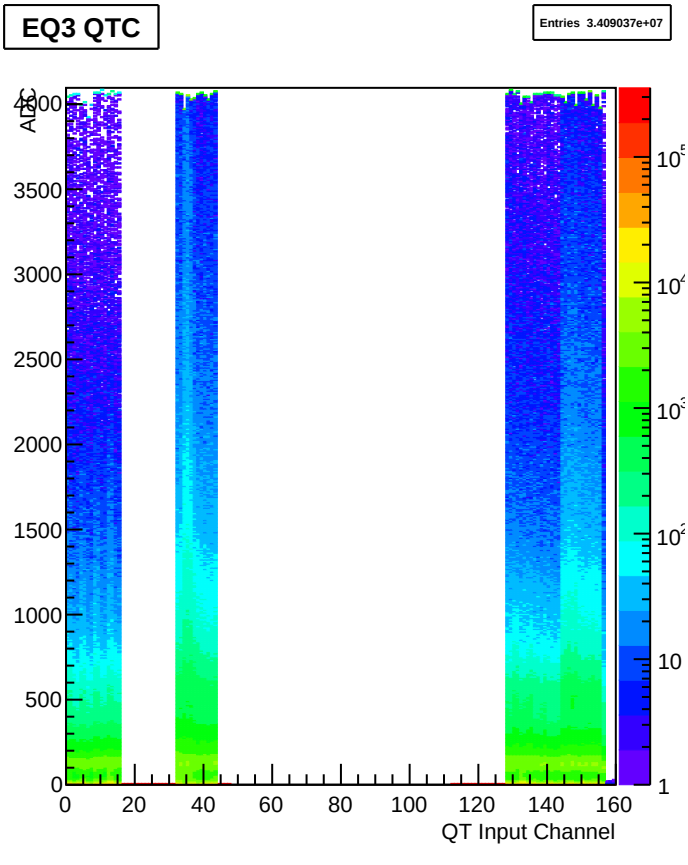

EQ2 QTB
Entries 2.705026e+07
TDC
QT Input Channel

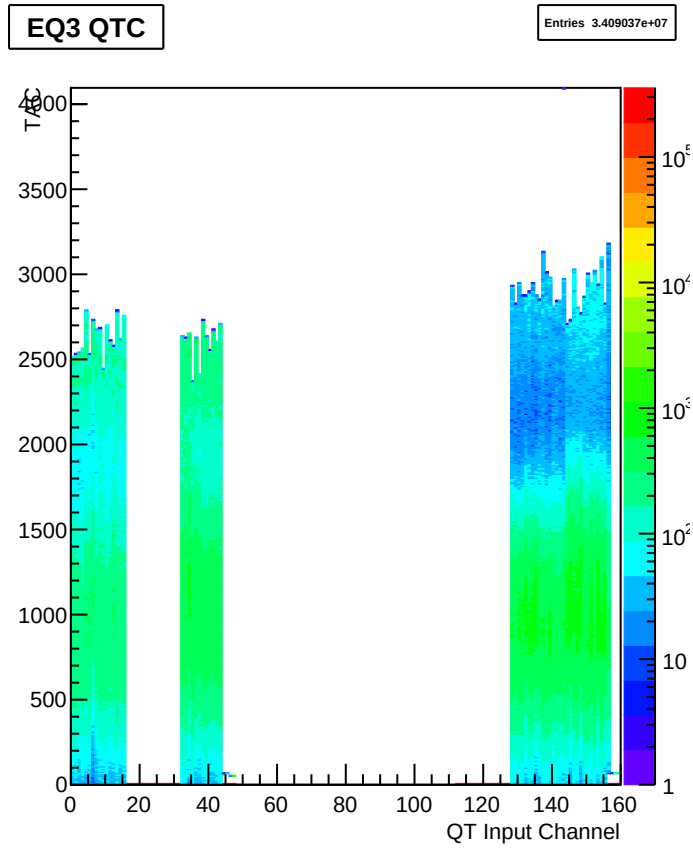

EQ2 QTC
Entries 3.409037e+07
ADC
QT Input Channel

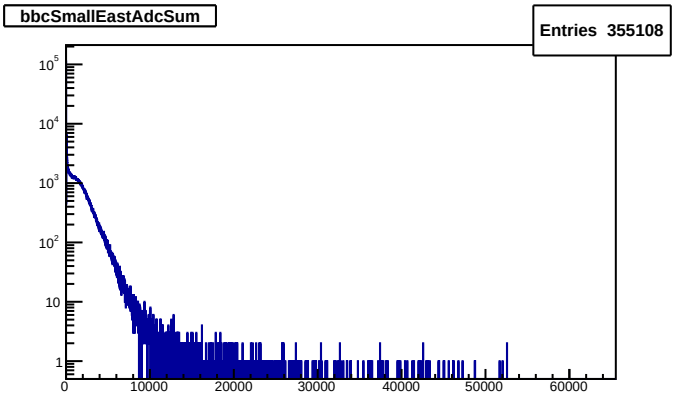

EQ2 QTC
Entries 3.409037e+07
TADC
QT Input Channel

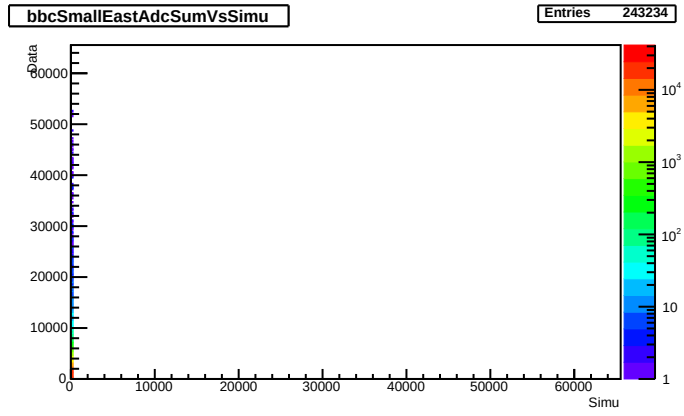

EQ3 QTB
Entries 9.090765e+07
ADC
QT Input Channel

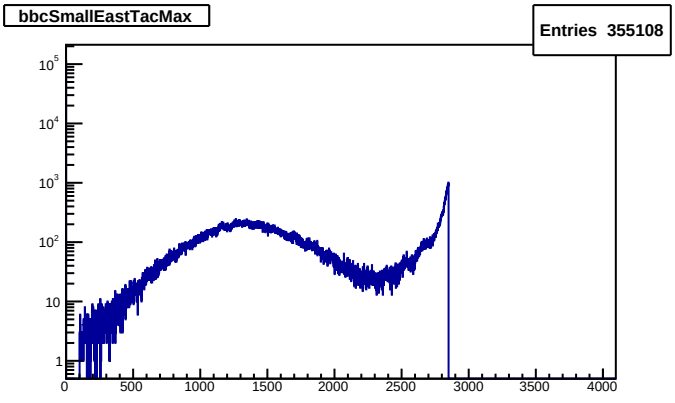

EQ3 QTB
Entries 2.666148e+07
TDC
QT Input Channel

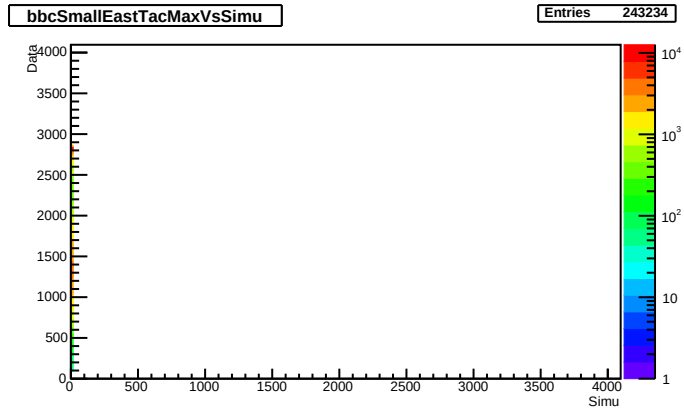

EQ3 QTC
Entries 3.409037e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.409037e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 355108


bbcSmallEastAdcSumVsSimu
Entries 243234
Data
Simu


bbcSmallEastTacMax
Entries 355108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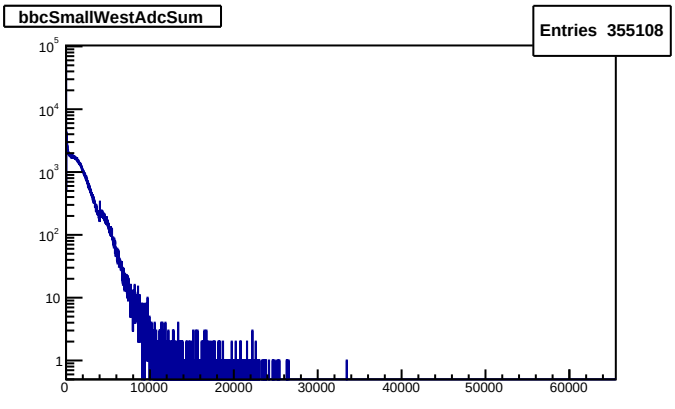
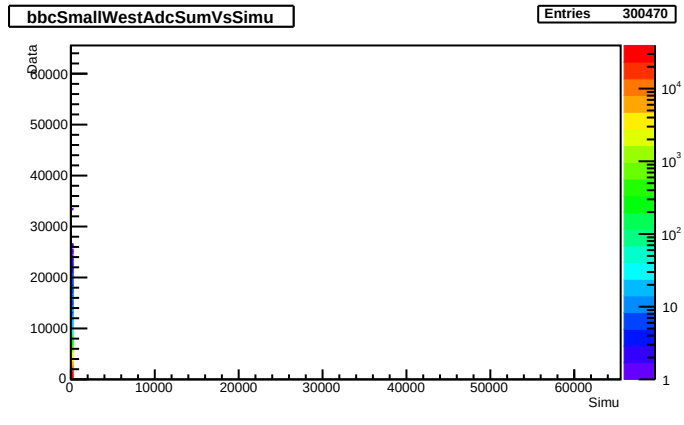
Entries 243234
Data
Simu


bbcSmallWestAdcSum
Entries 355108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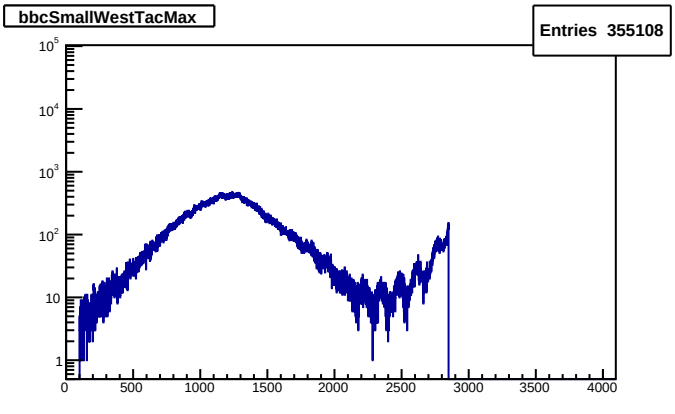
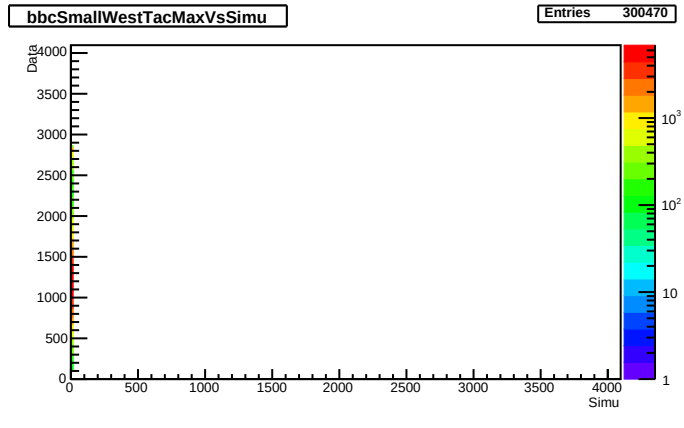
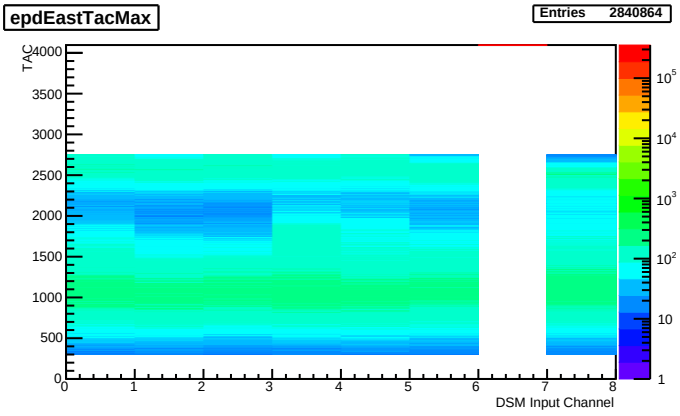
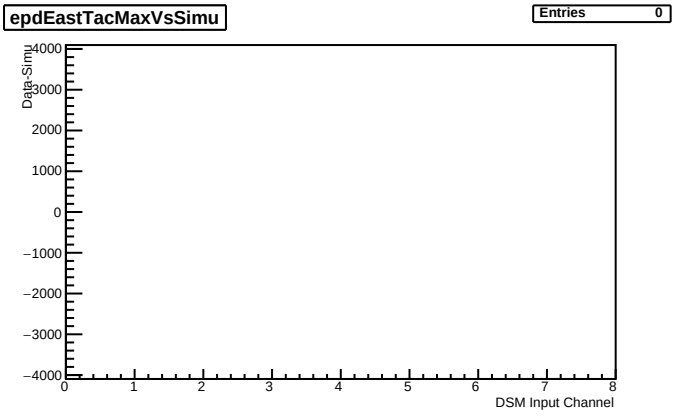
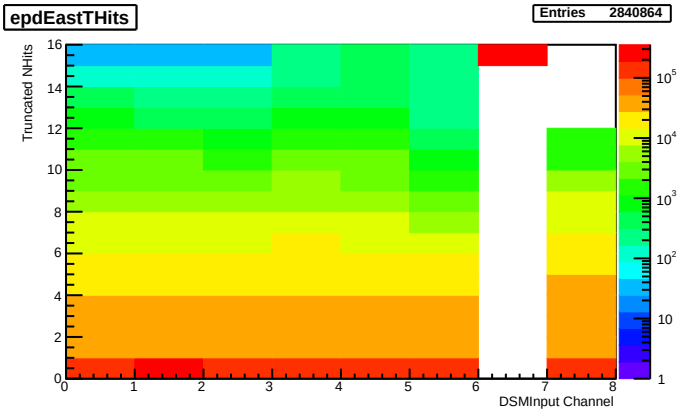
Entries 300470
Data
Simu

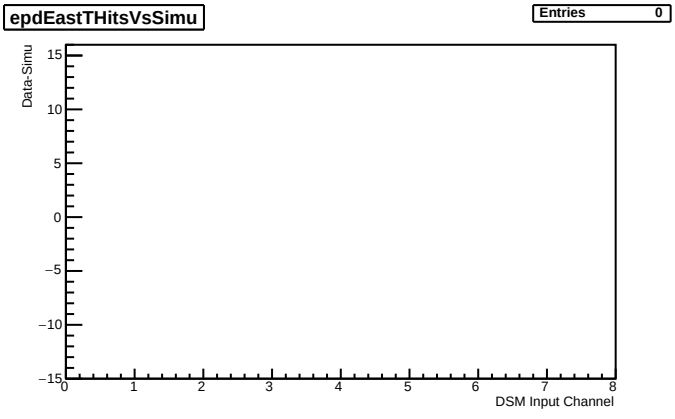

bbcSmallWestTacMax
Entries 355108


bbcSmallWestTacMaxVsSimu
Entries 300470
Data
Simu


epdEastTacMax
Entries 2840864
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2840864
Truncated NHits
DSMInput Channel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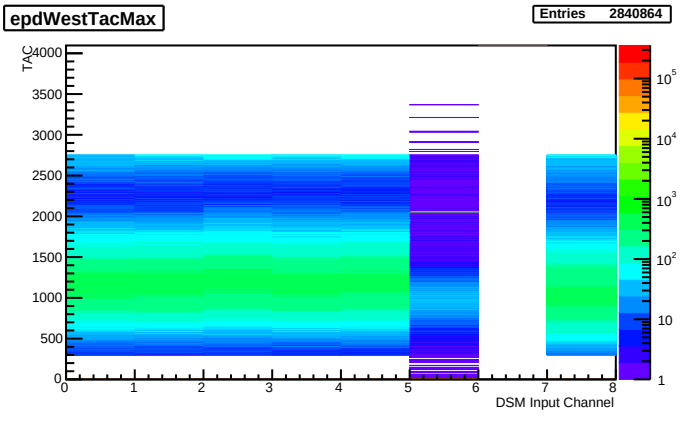
DSM Input Channel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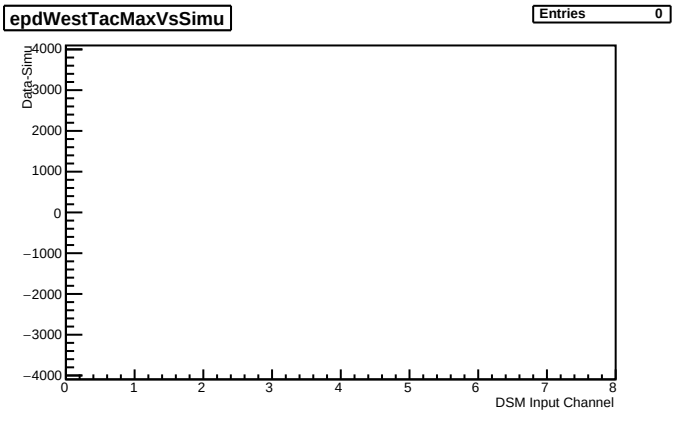
Entries 2840864
TAC
DSM Input Channel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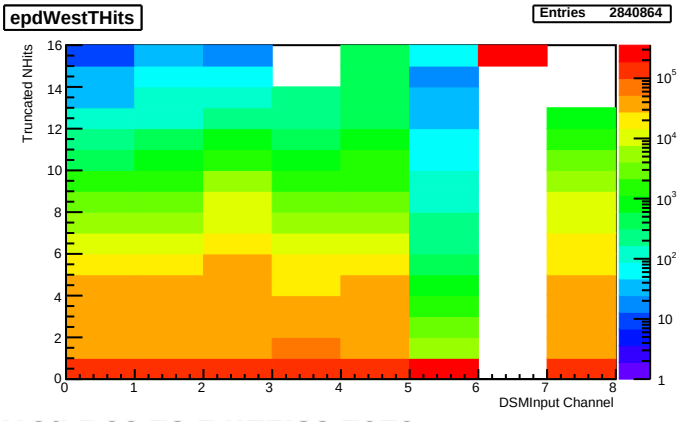
Entries 0
Data-Simu
DSM Input Channel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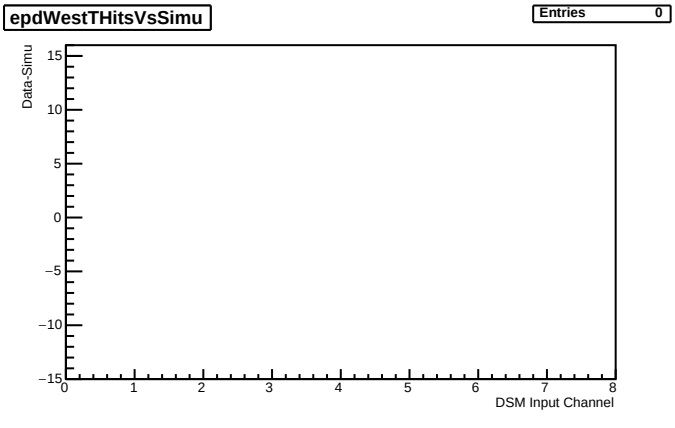
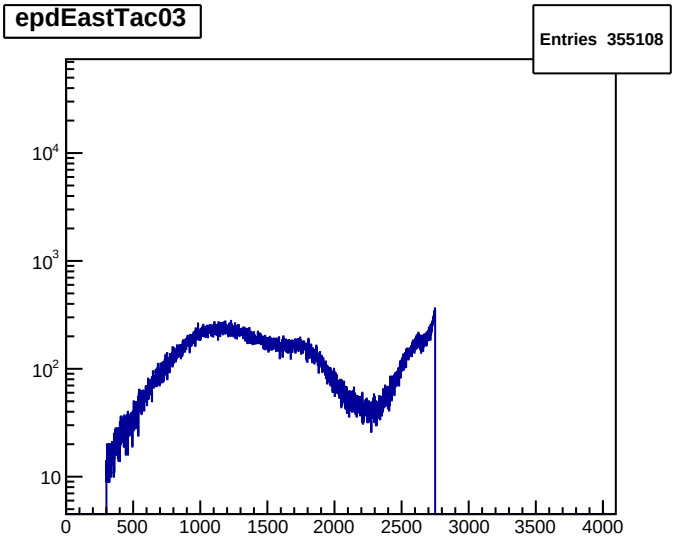
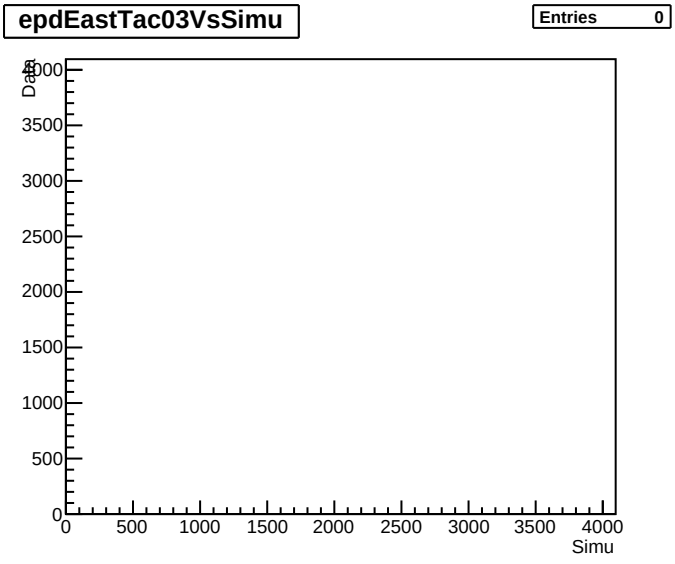
Entries 2840864
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 355108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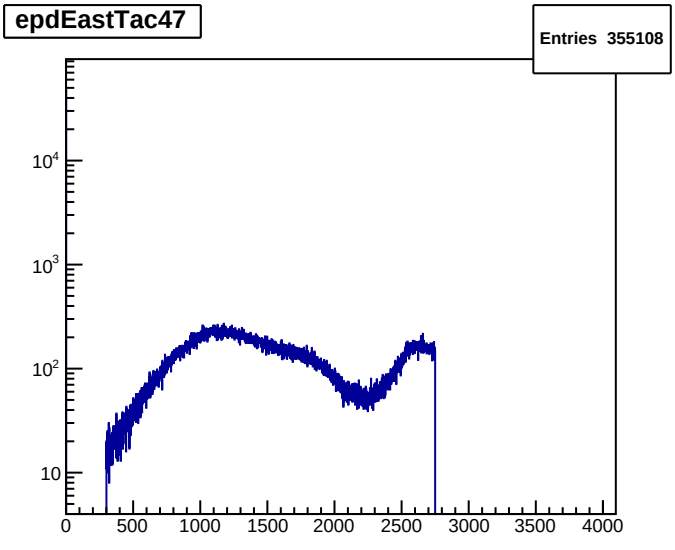
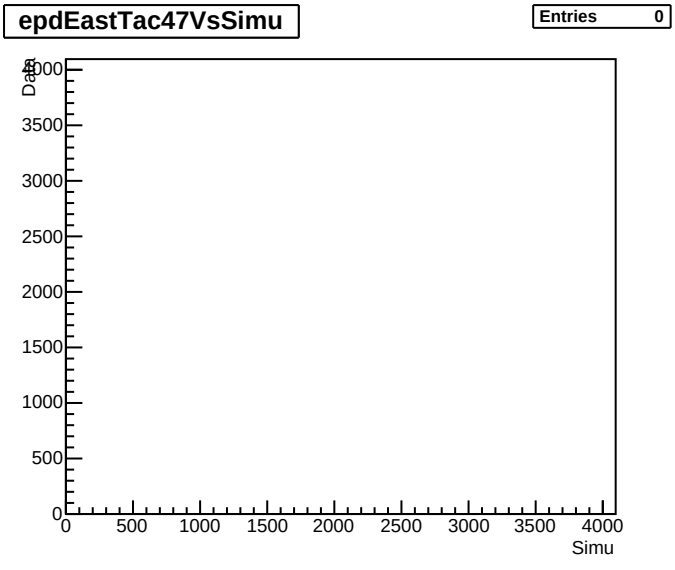
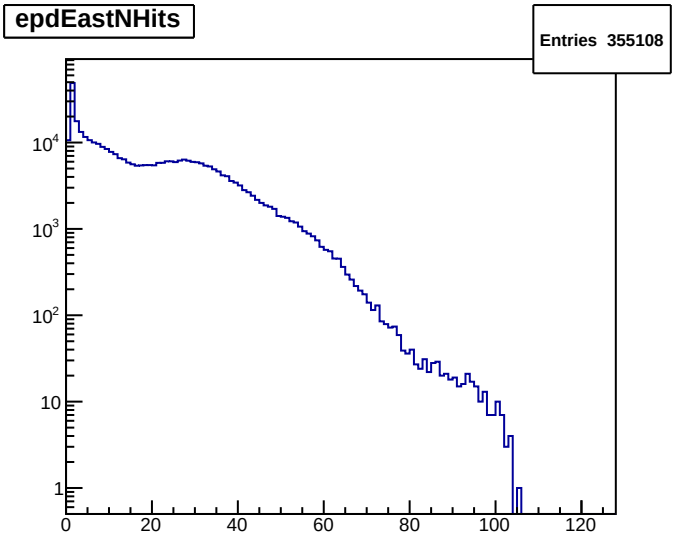
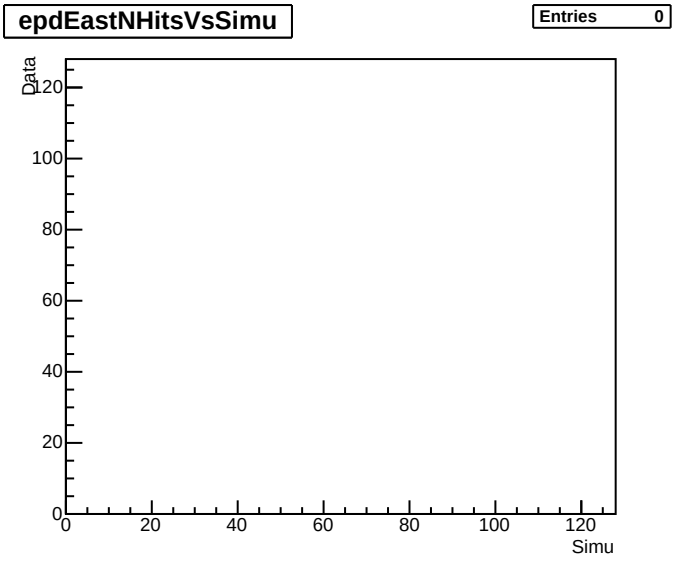
Entries 0
Data
Simu


epdEastTac47
Entries 355108


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 355108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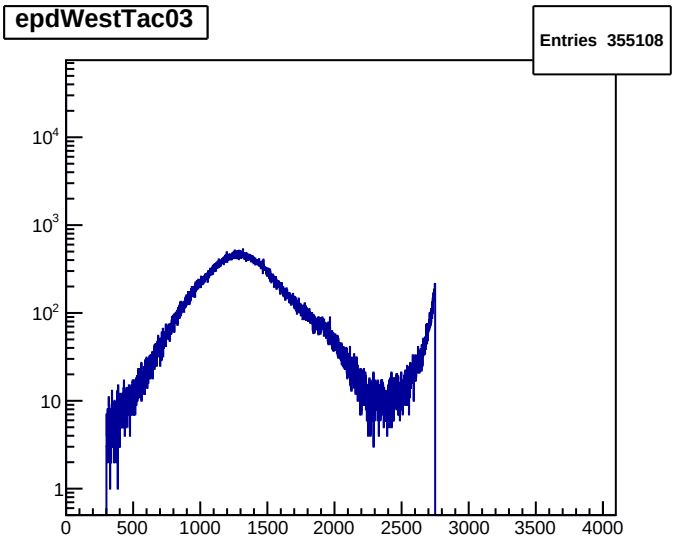
Entries 0
Data
Simu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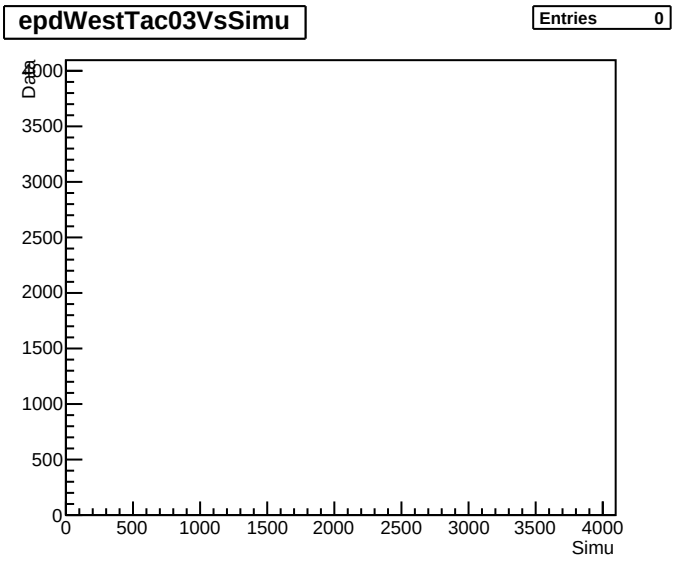
Entries 355108
10^4
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000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Entries 0
Data
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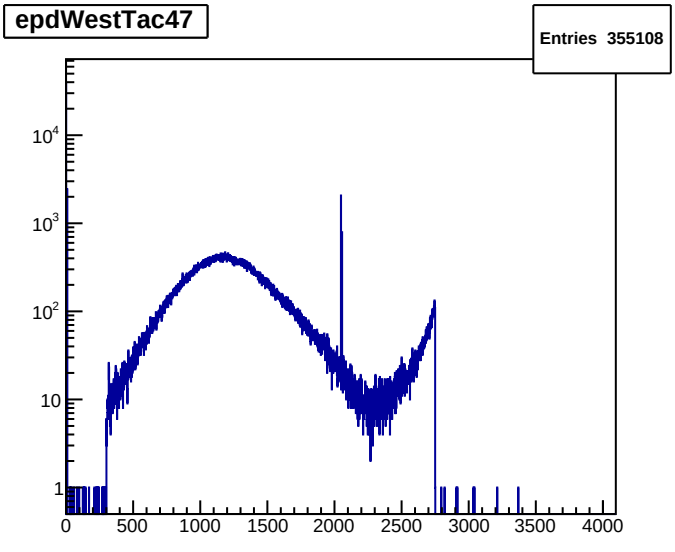
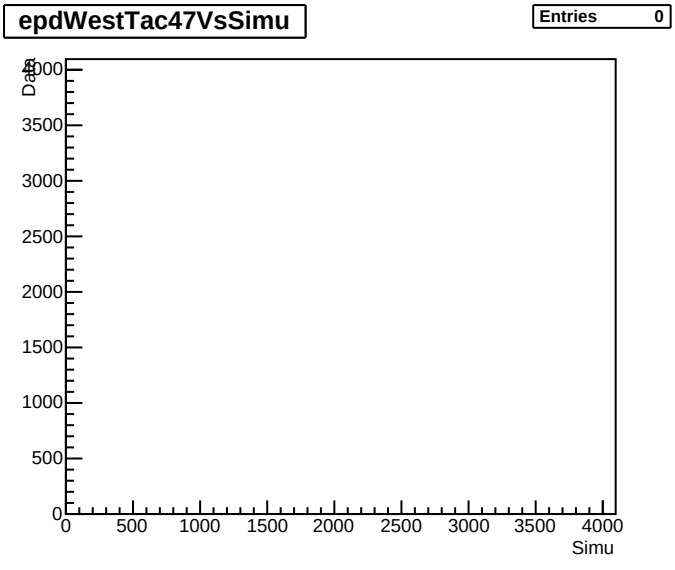
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdWestTac47
Entries 355108
10^4
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000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Entries 0
Data
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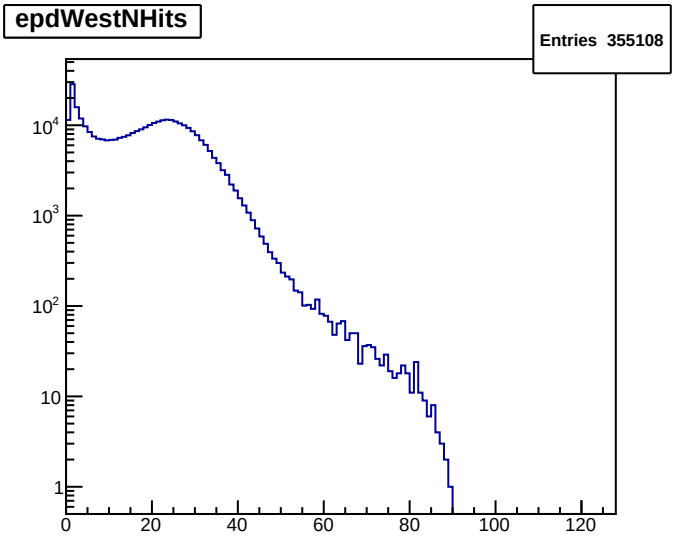
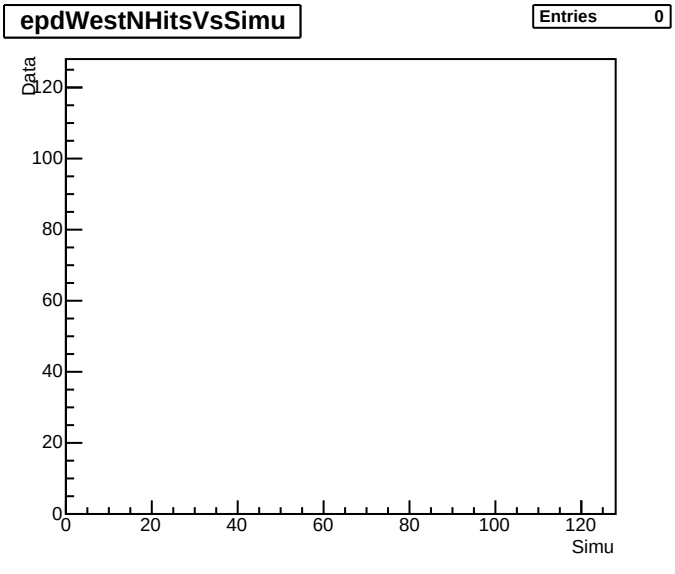
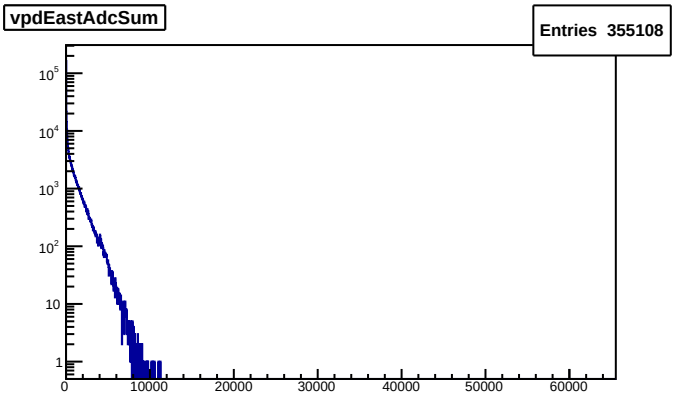
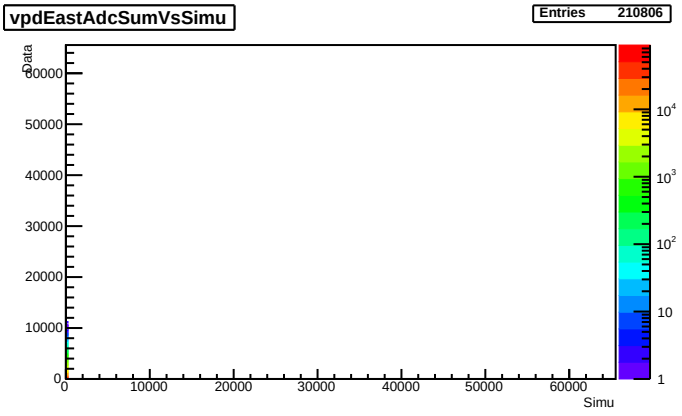
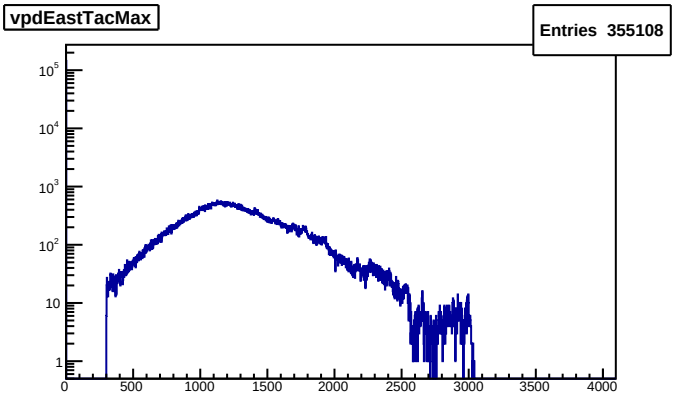
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

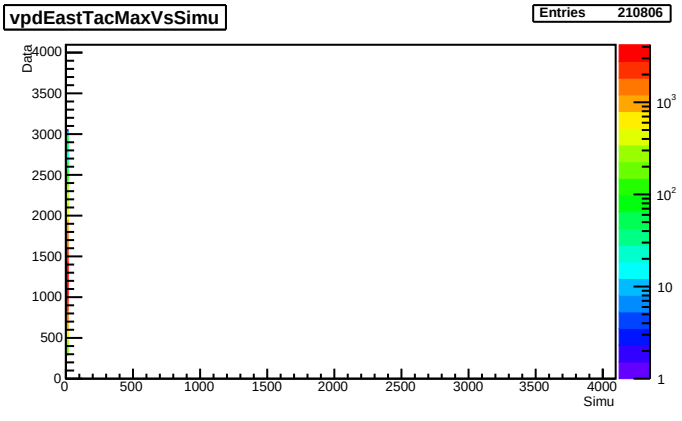

epdWestNHits
Entries 355108
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120

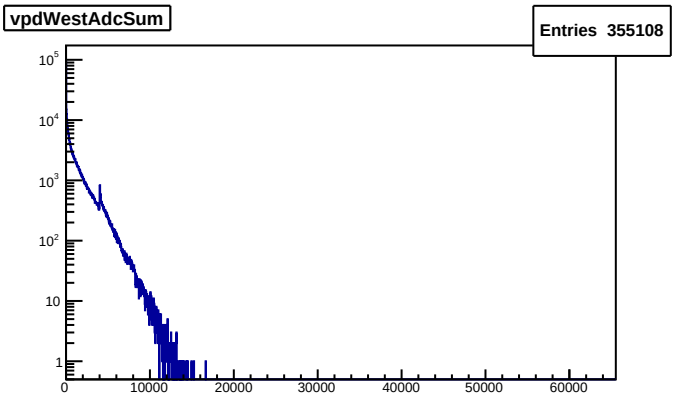

epdWestNHitsVsSimu
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu

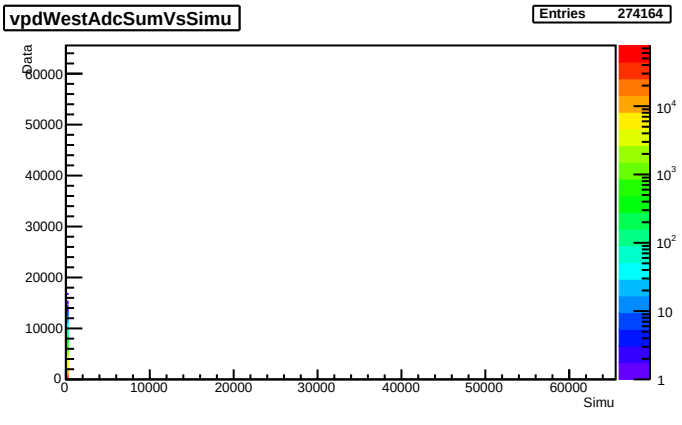

vpdEastAdcSum
Entries 355108

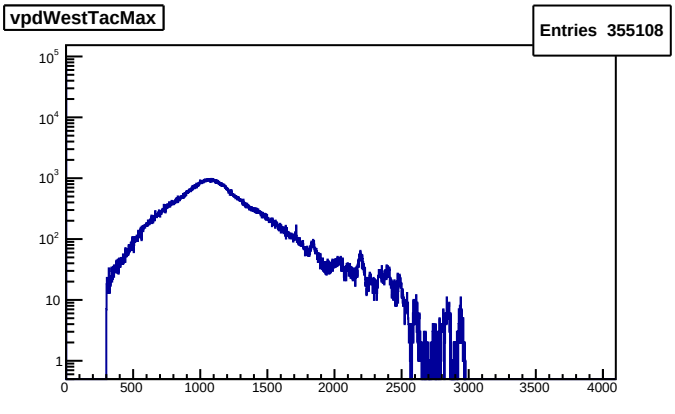

vpdEastAdcSumVsSimu
Entries 210806
Data
Simu

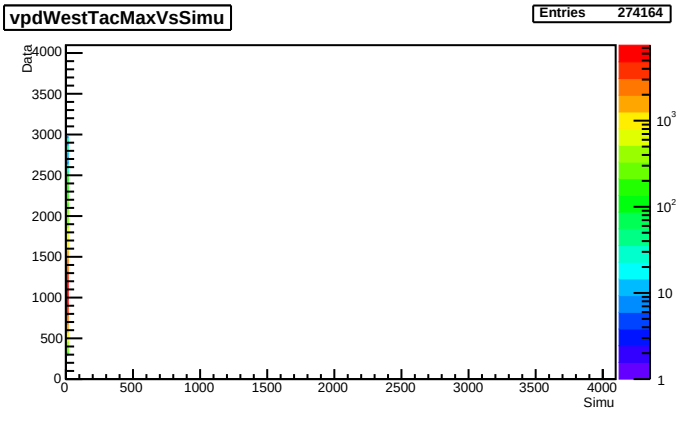

vpdEastTacMax
Entries 355108

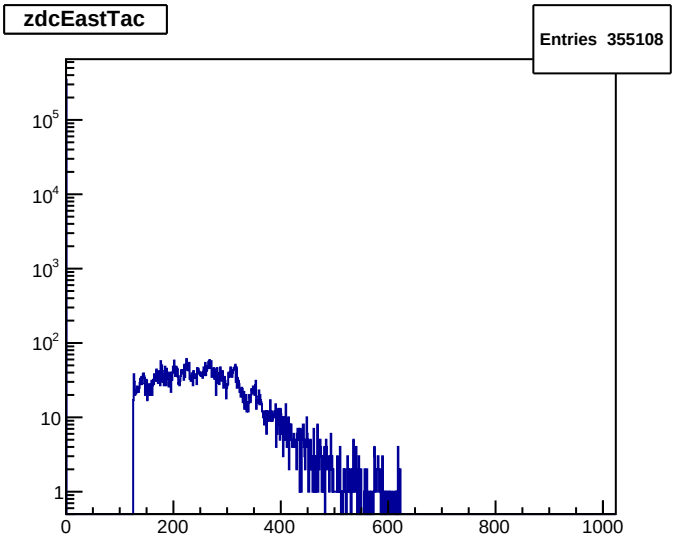

vpdEastTacMaxVsSimu
Entries 210806
Data
Simu

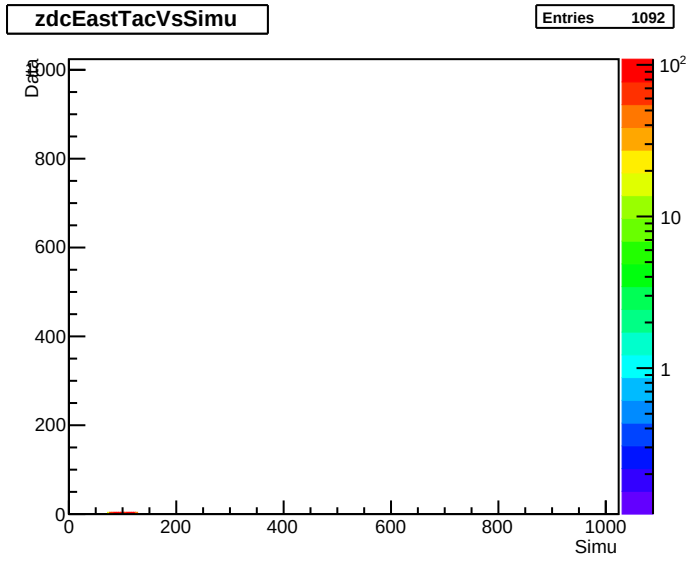

vpdWestAdcSum
Entries 355108

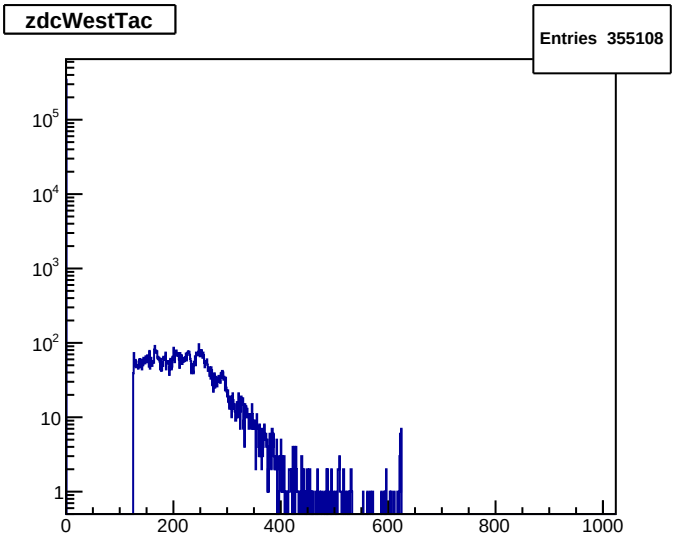

vpdWestAdcSumVsSimu
Entries 274164
Data
Simu

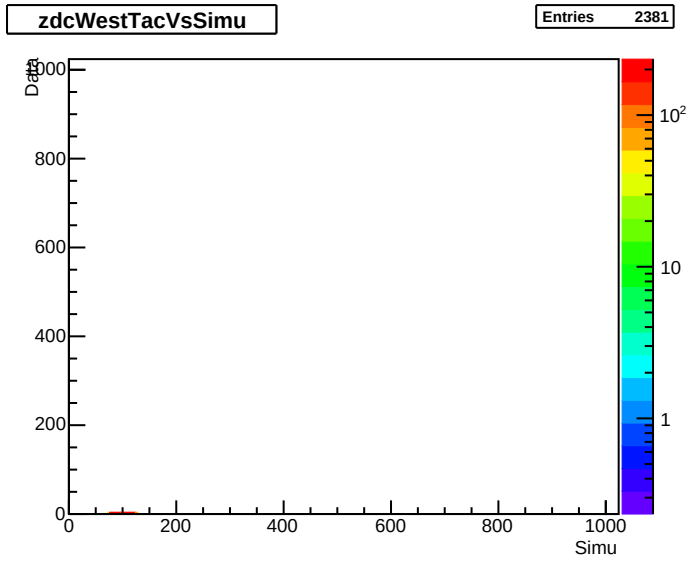

vpdWestTacMax
Entries 355108

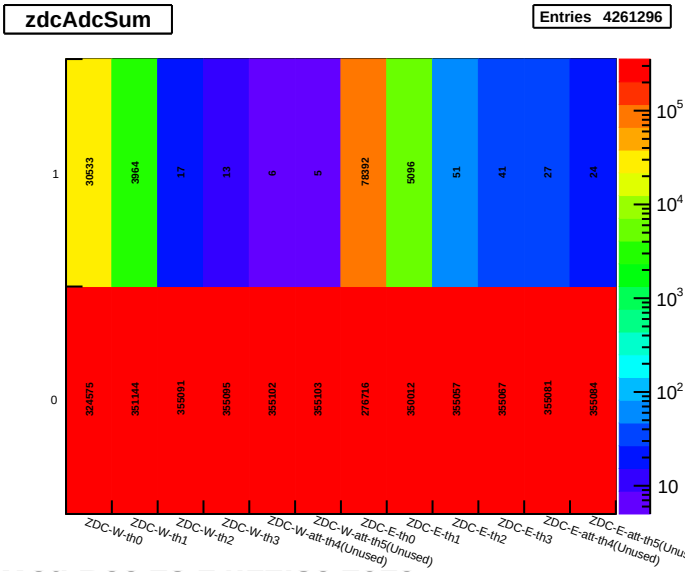

vpdWestTacMaxVsSimu
Entries 274164
Data
Simu

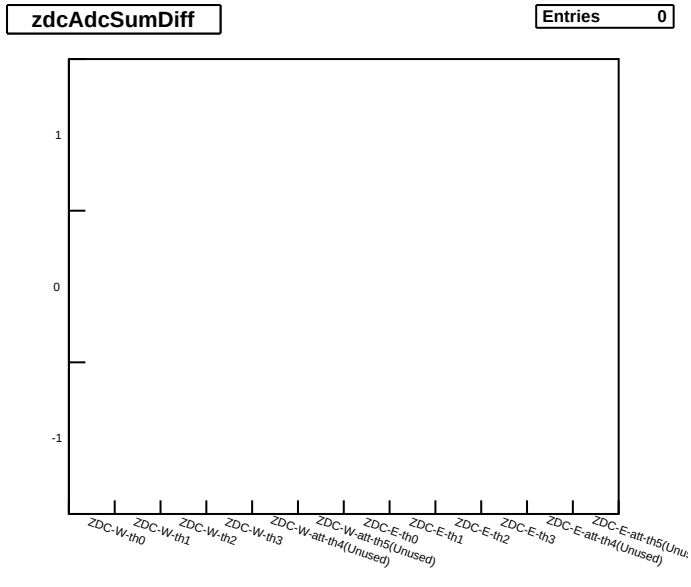

zdcEastTac
Entries 355108

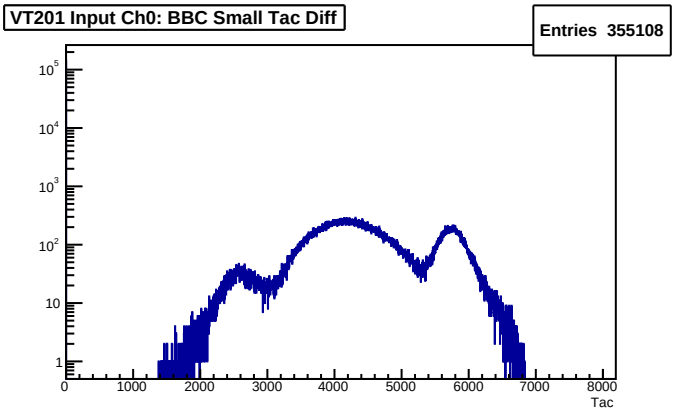

zdcEastTacVsSimu
Entries 1092
Data
Simu

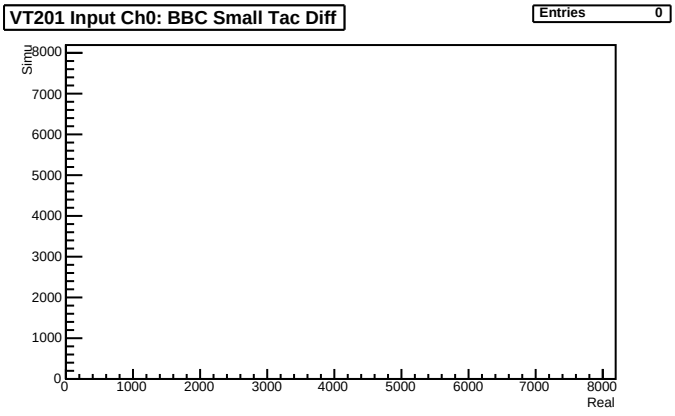

zdcWestTac
Entries 355108

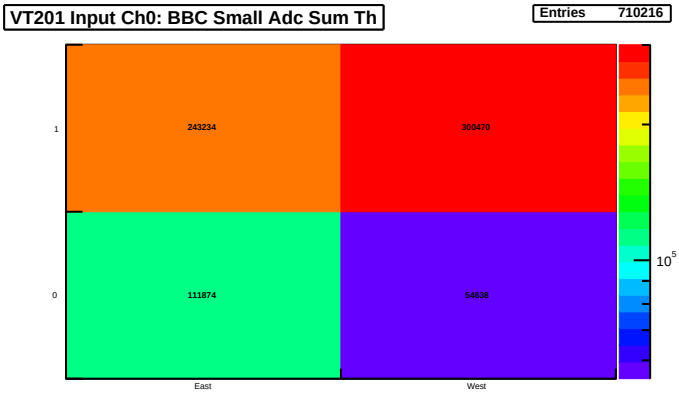

zdcWestTacVsSimu
Entries 2381
Data
Simu

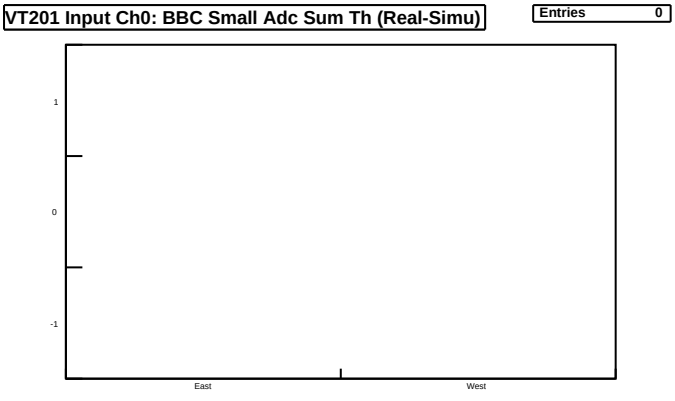

zdcAdcSum
Entries 4261296
30533
3964
17
13
6
5
78392
5096
51
41
27
24
324575
351144
355091
355095
355102
355103
276716
350012
355057
355067
355081
355084
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

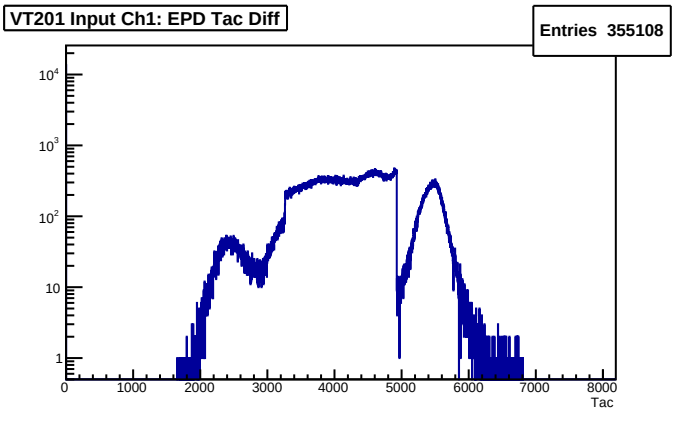

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

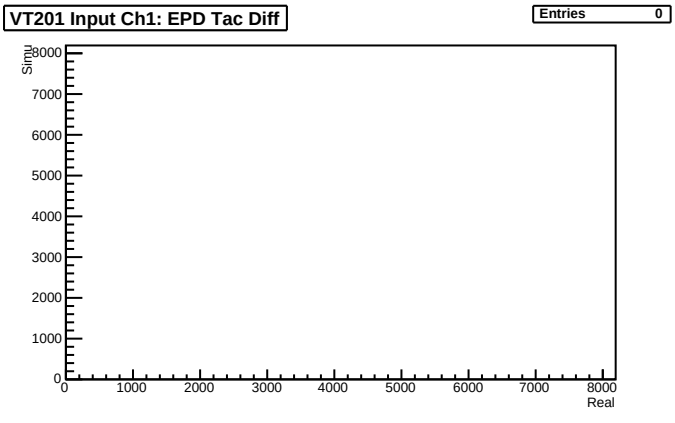

VT201 Input Ch0: BBC Small Tac Diff
Entries 355108
Tac

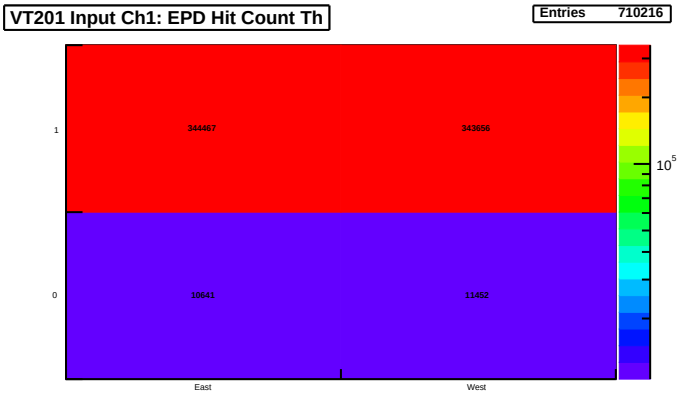

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

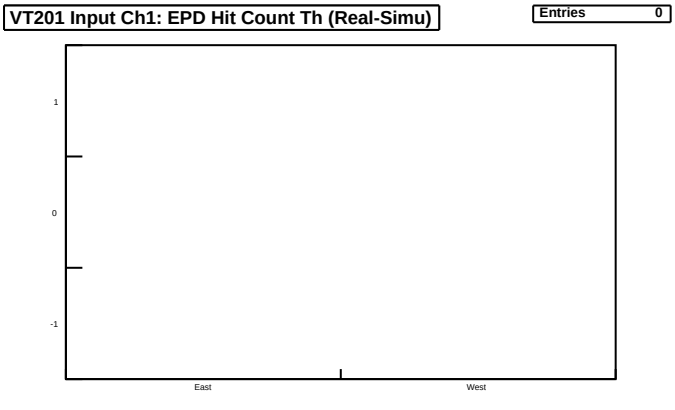

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 710216
243234
300470
111874
54638
East
West

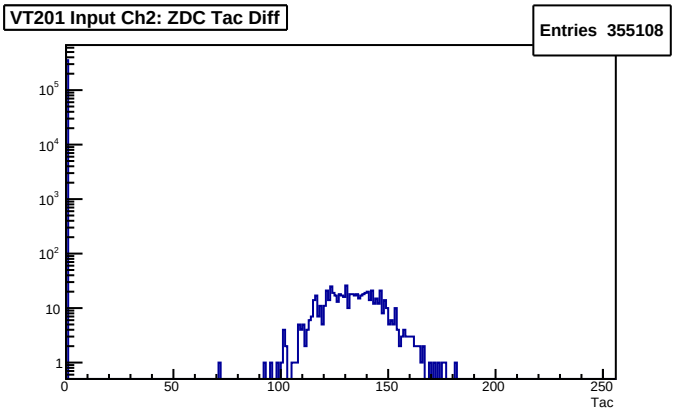

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

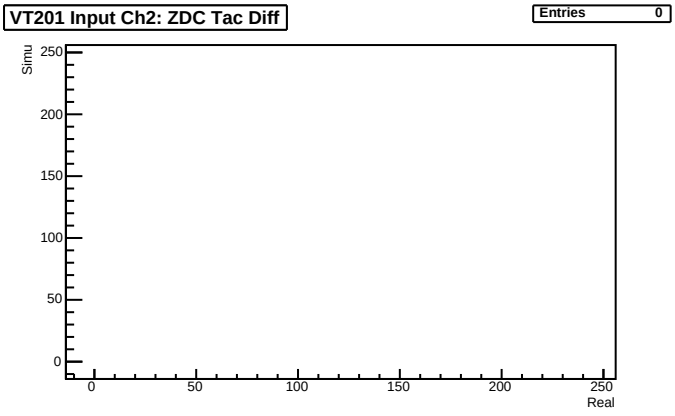

VT201 Input Ch1: EPD Tac Diff
Entries 355108
Tac

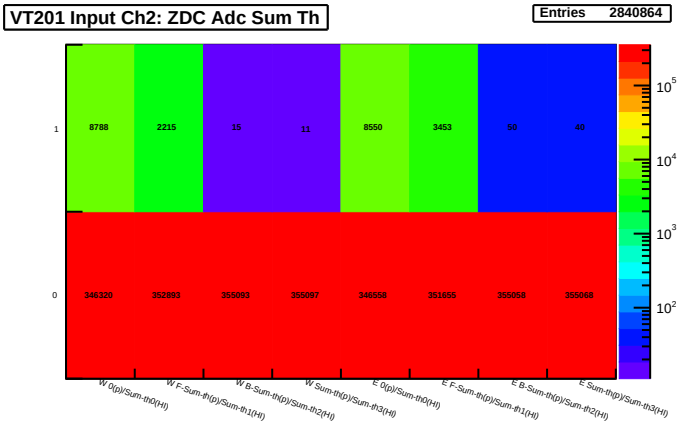

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

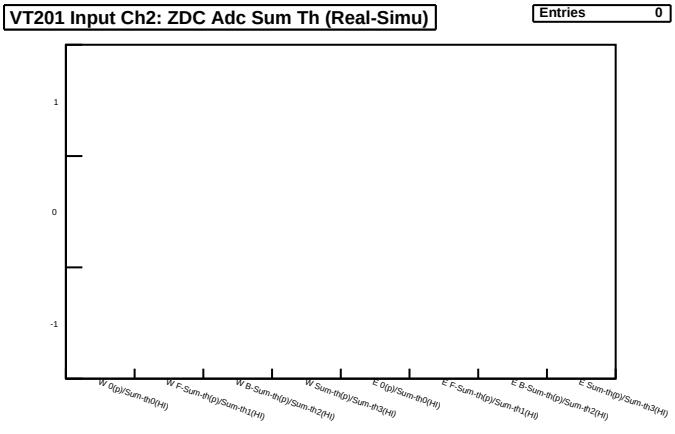

VT201 Input Ch1: EPD Hit Count Th
Entries 710216
344467
343656
10641
11452
East
West

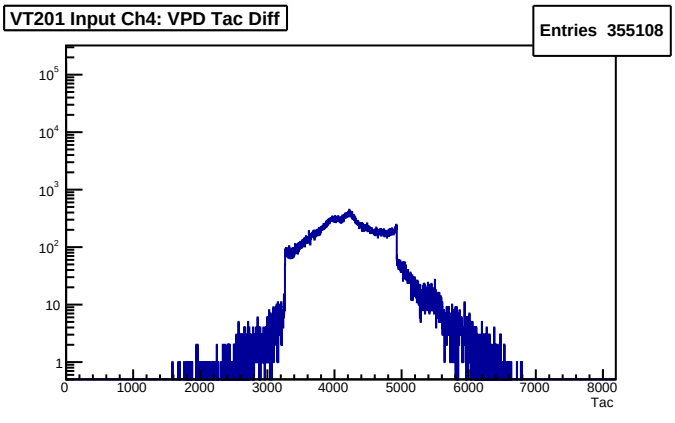

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

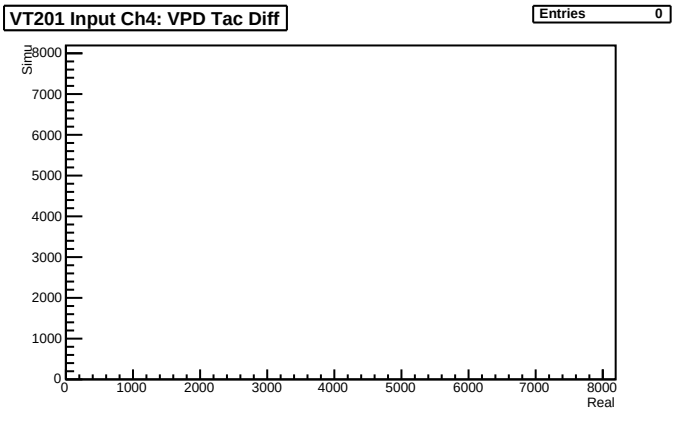

VT201 Input Ch2: ZDC Tac Diff
Entries 355108
Tac

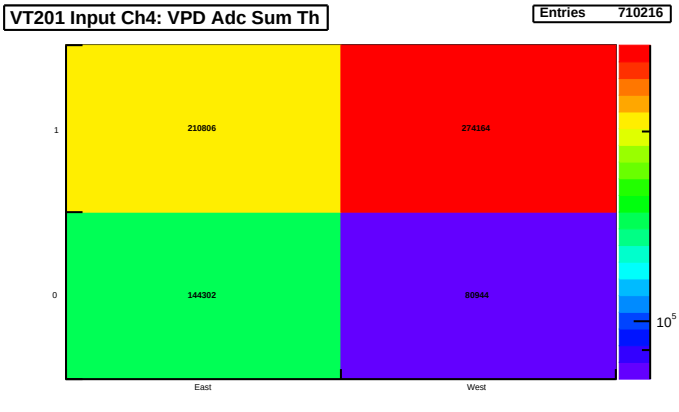

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

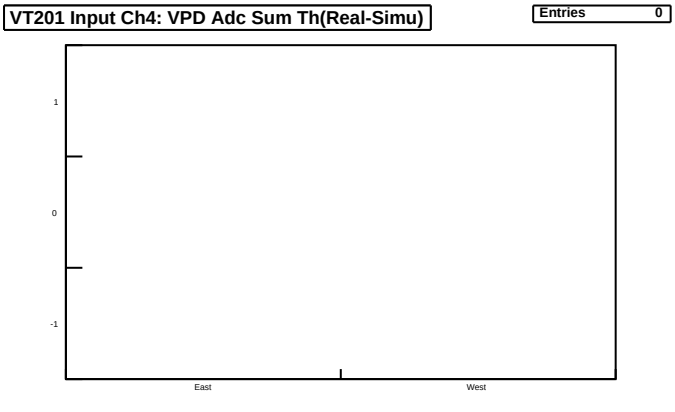

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2840864
8788
2215
15
11
8550
3453
50
40
346320
352893
355093
355097
346558
351655
355058
355068
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

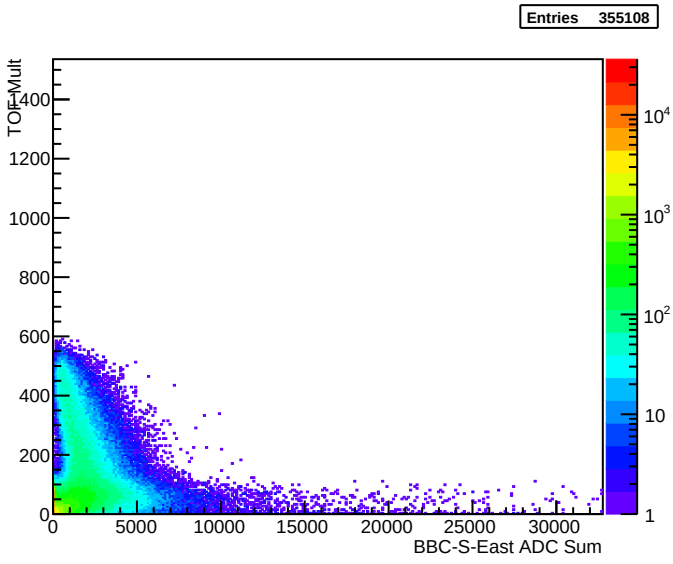

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

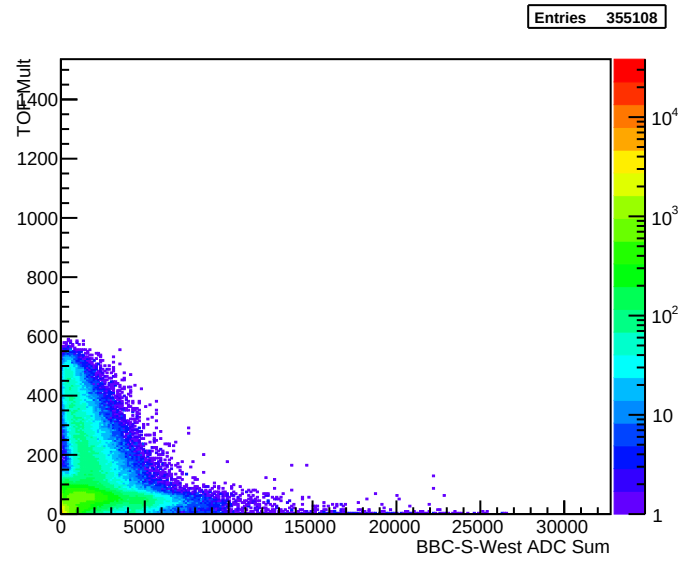

VT201 Input Ch4: VPD Tac Diff
Entries 355108
Tac

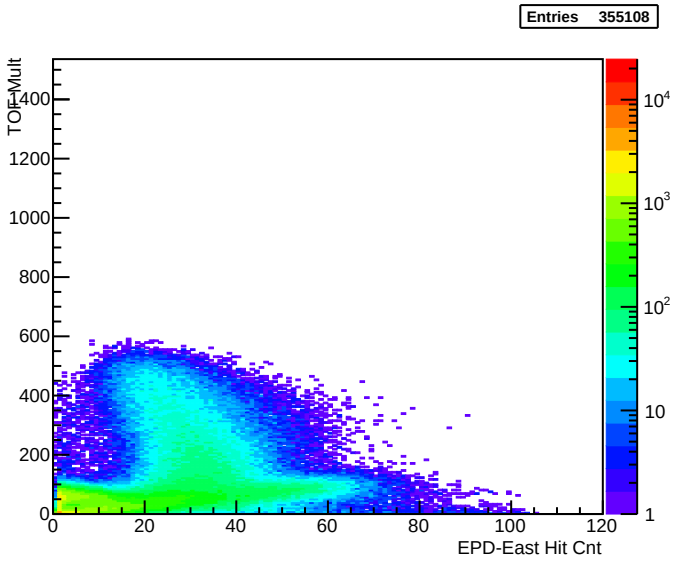

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

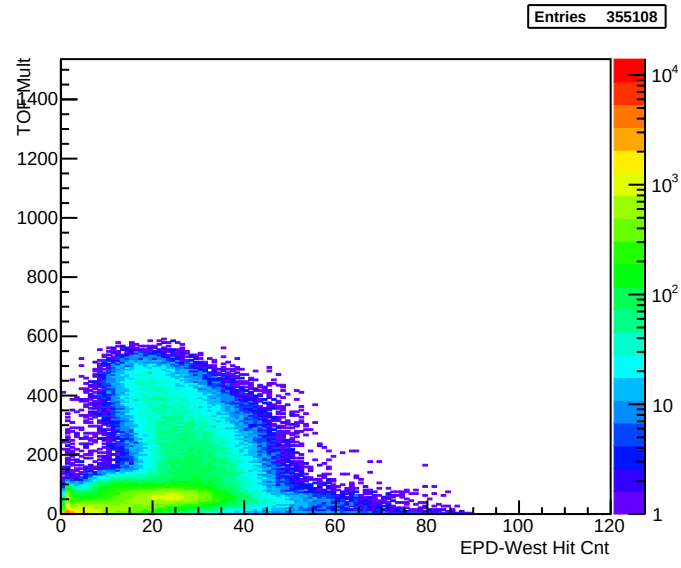

VT201 Input Ch4: VPD Adc Sum Th
Entries 710216
210806
274164
144302
80944
East
West

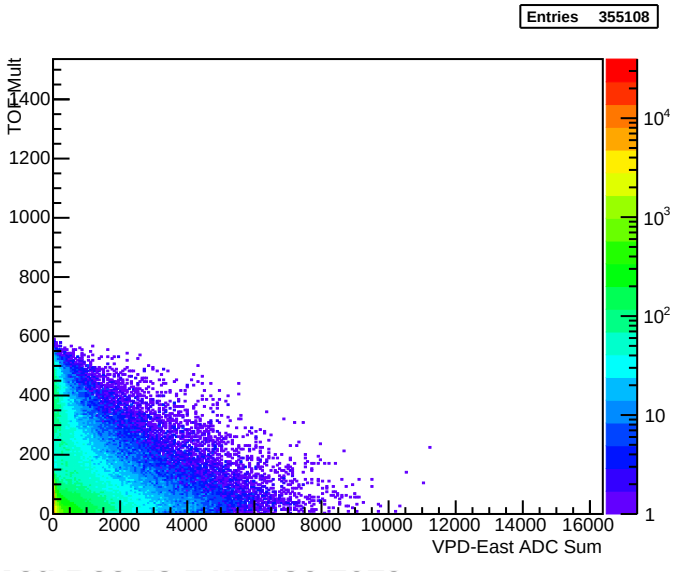

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

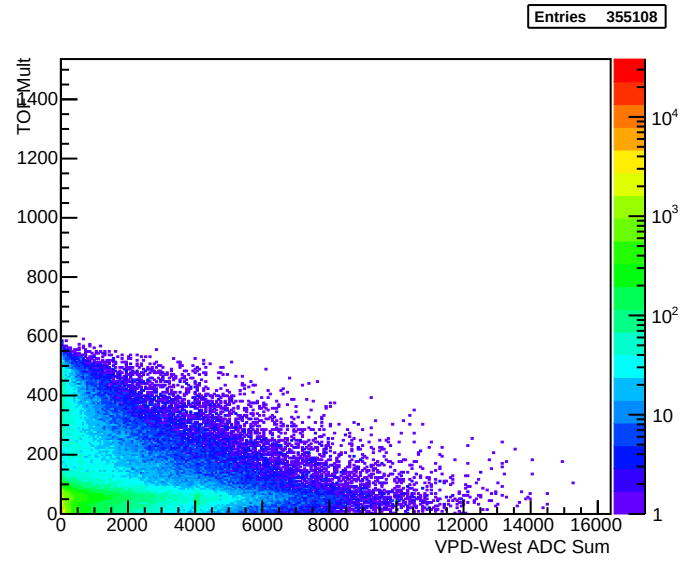

Entries 355108
TOF-Mult
BBC-S-East ADC Sum

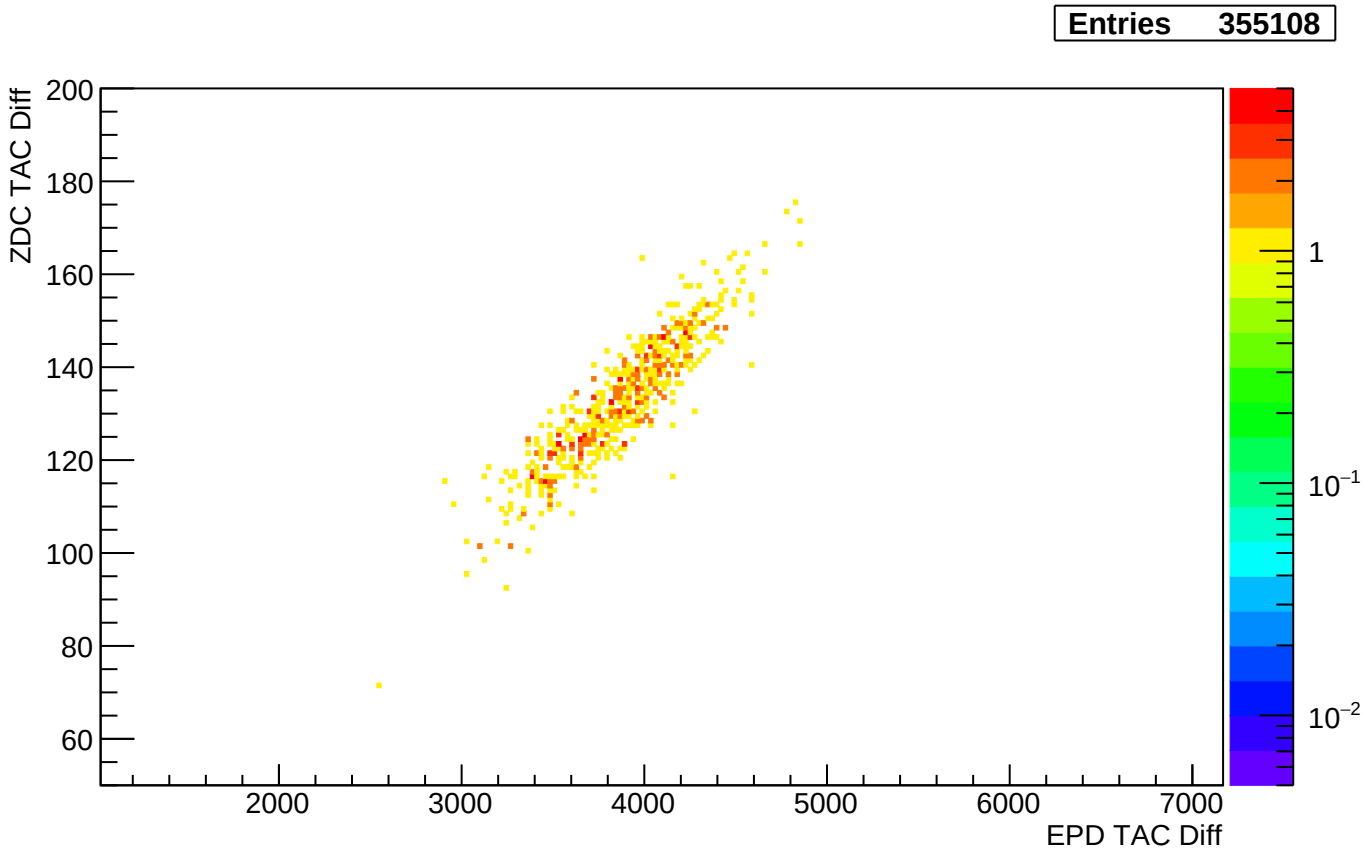

Entries 355108
TOF-Mult
BBC-S-West ADC Sum

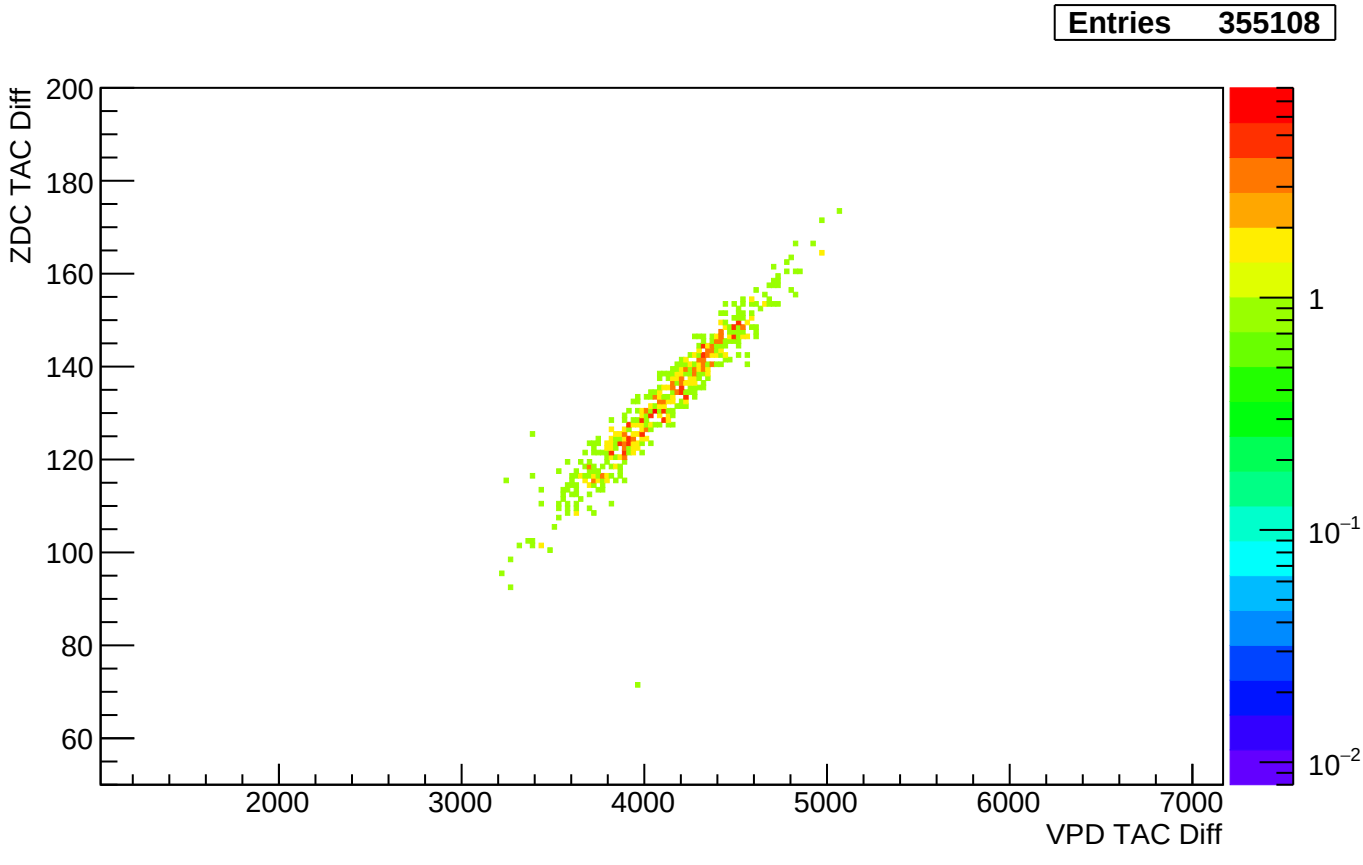

Entries 355108
TOF-Mult
EPD-East Hit Cnt

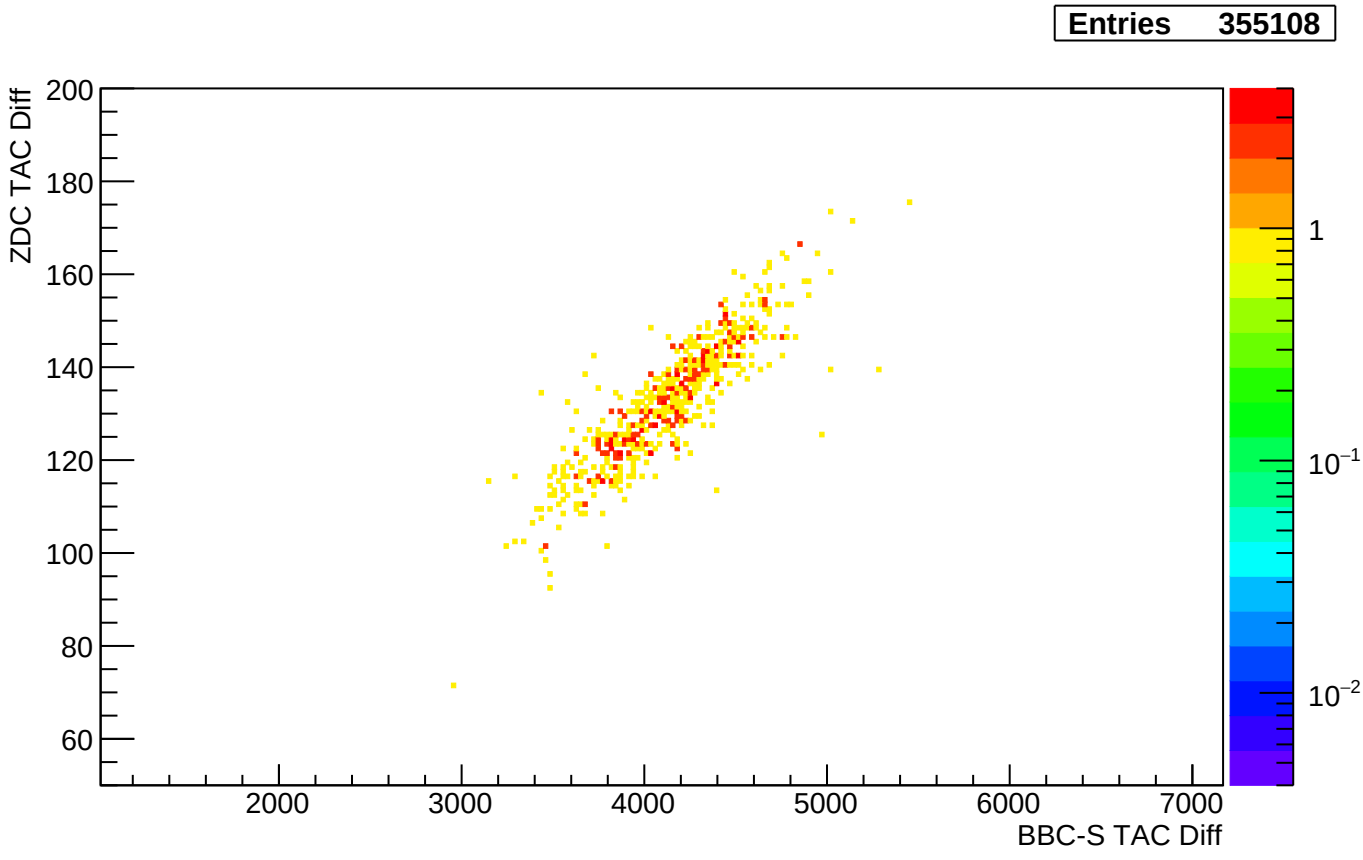

Entries 355108
TOF-Mult
EPD-West Hit Cnt

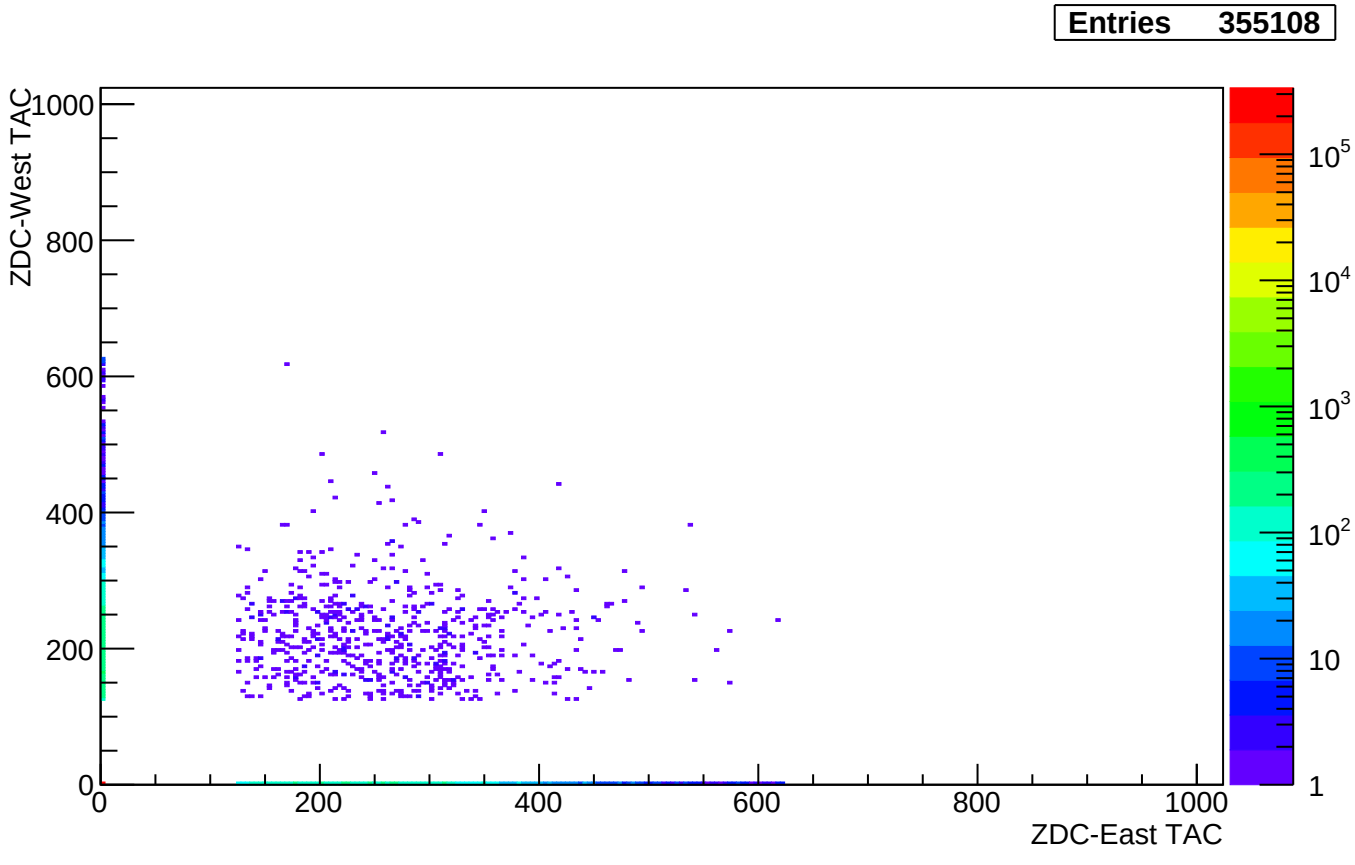

Entries 355108
TOF-Mult
VPD-East ADC Sum

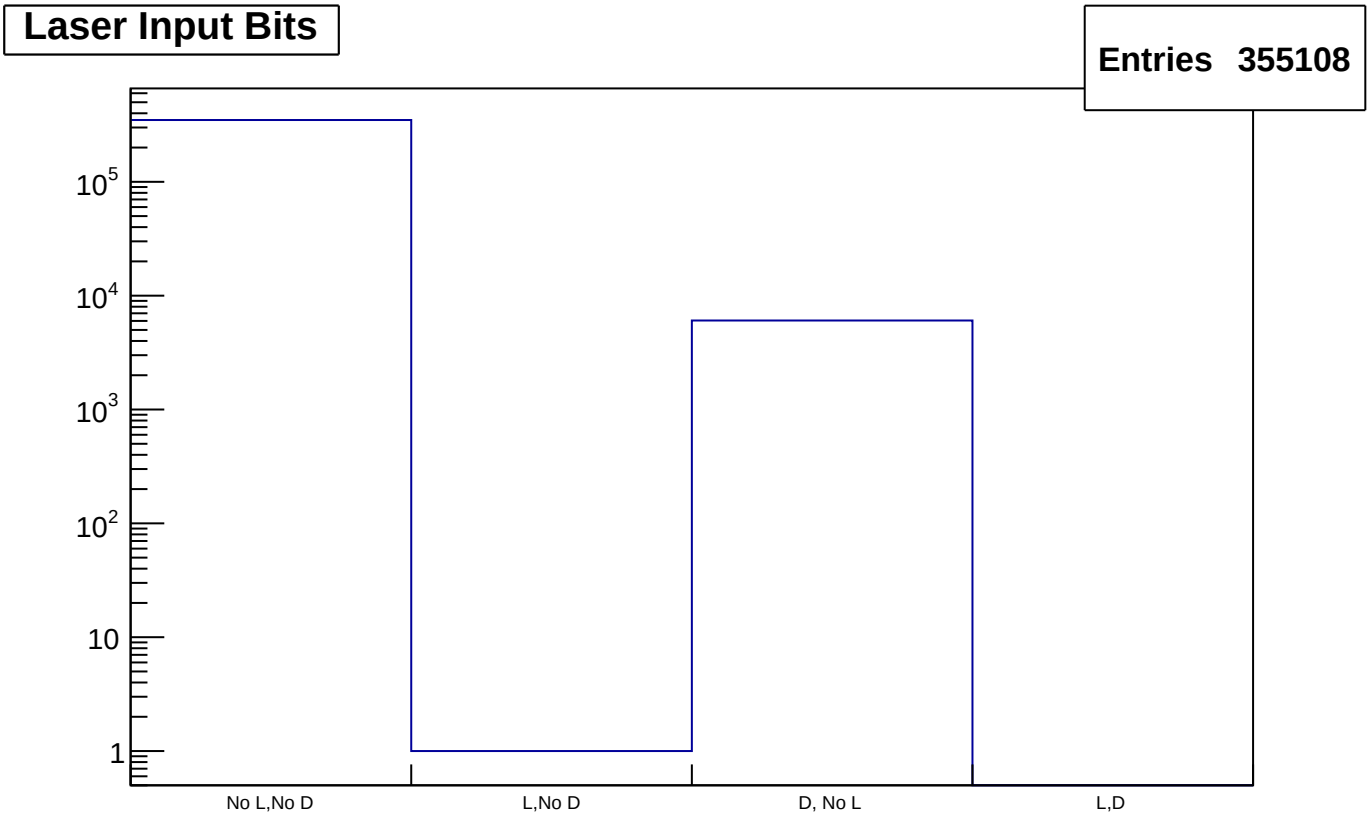

Entries 355108
TOF-Mult
VPD-West ADC Sum

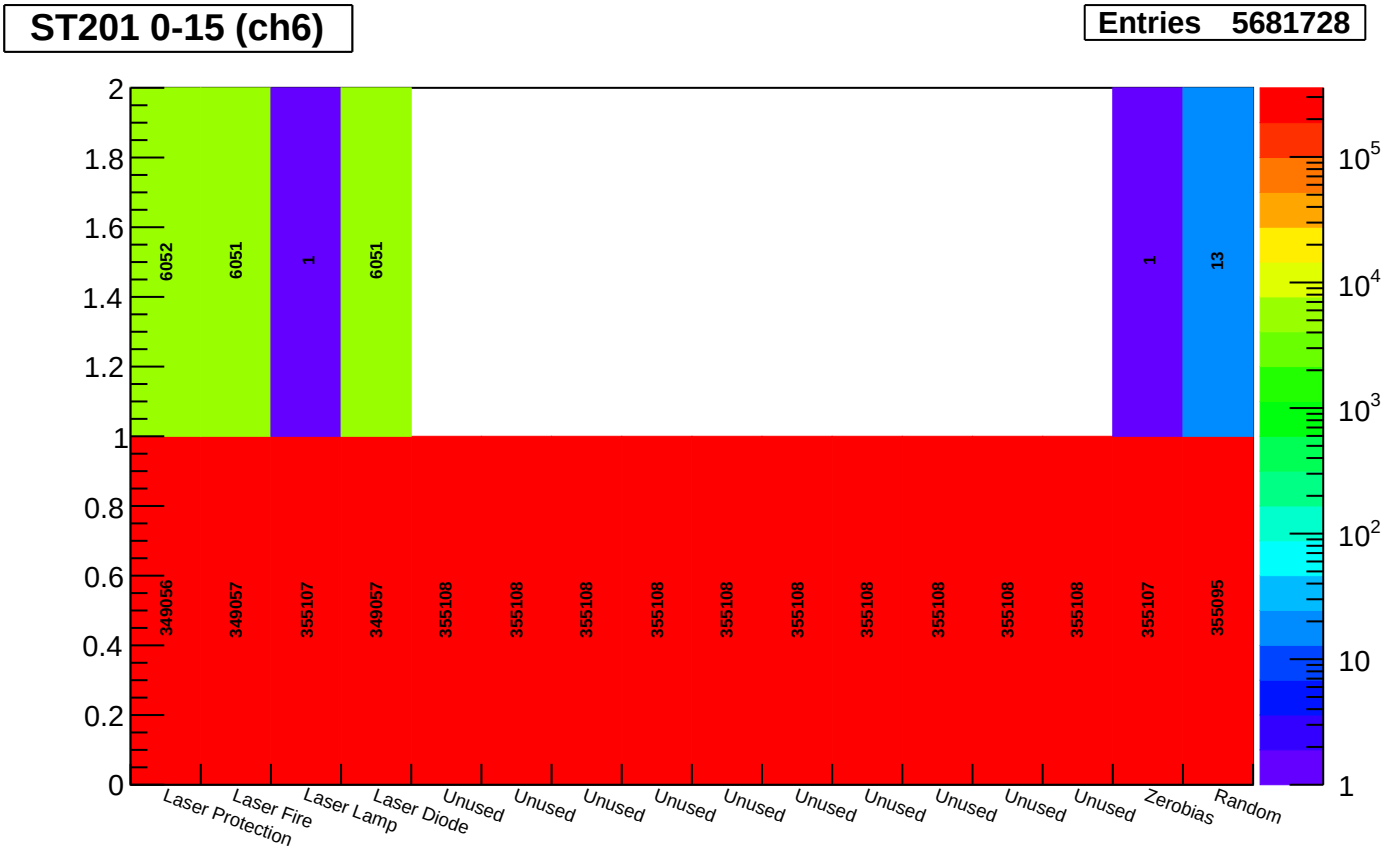

Entries 355108
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

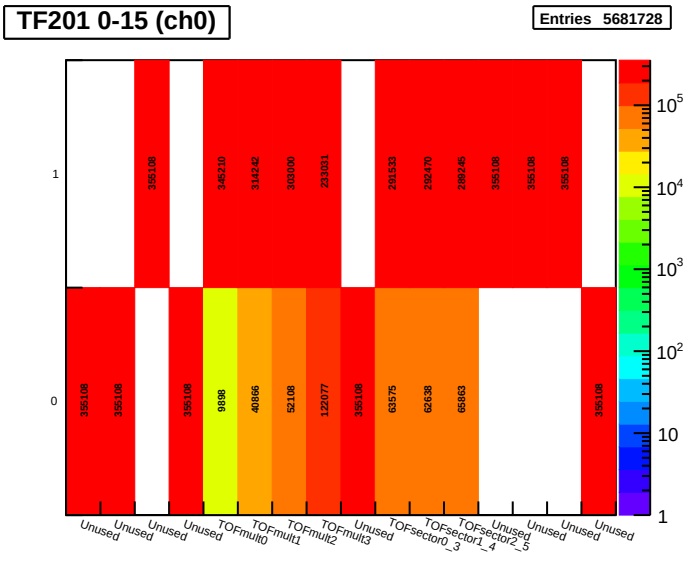

Entries 355108
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

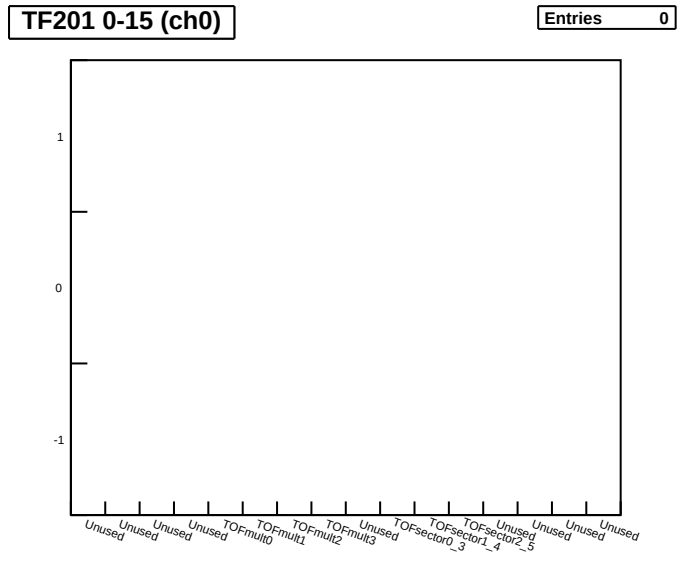

Entries 355108
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

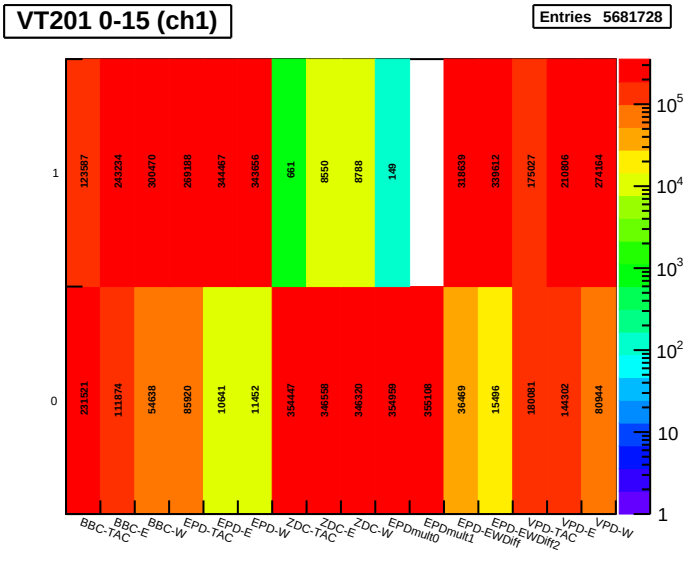

Entries 355108
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

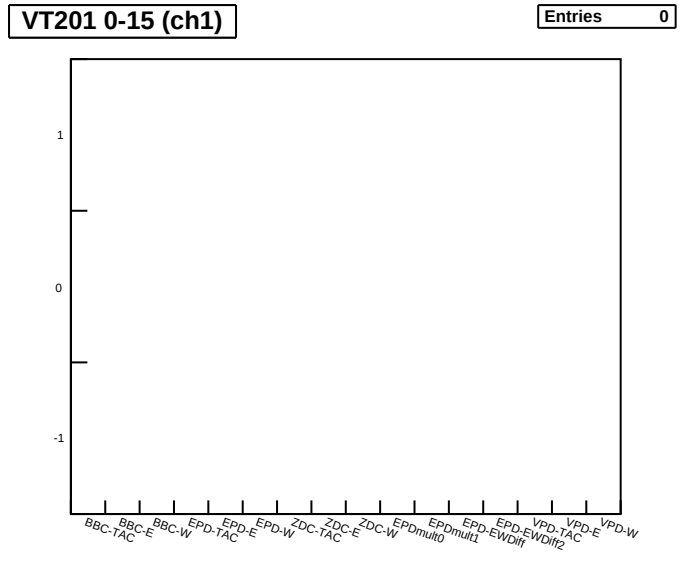

Laser Input Bits
Entries 355108
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

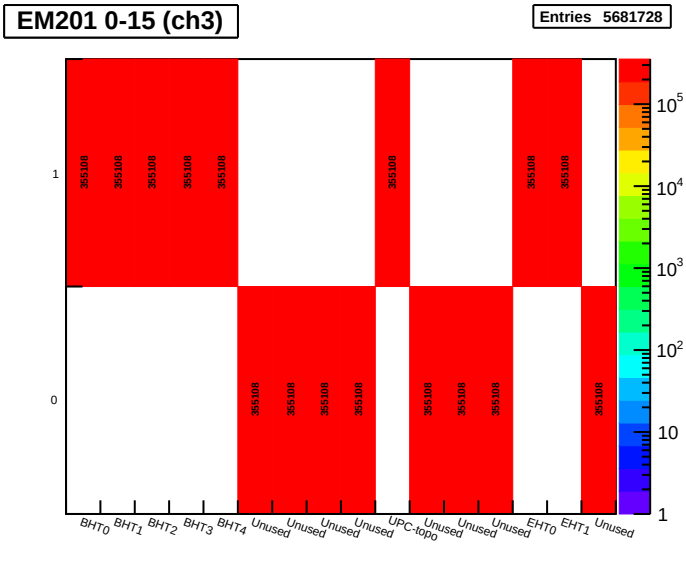

ST201 0-15 (ch6)
Entries 5681728
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
6052
6051
1
6051
1
13
349056
349057
355107
349057
355108
355108
355108
355108
355108
355108
355108
355108
355108
355108
355107
355095
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

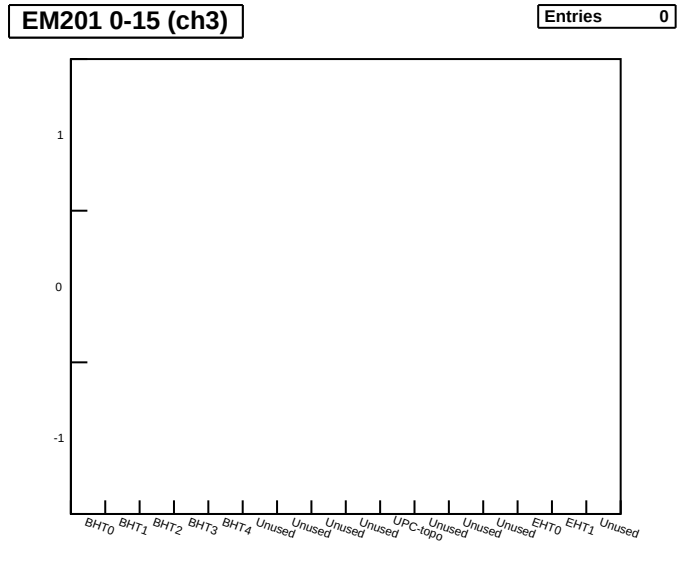

TF201 0-15 (ch0)
Entries 5681728
1
0
355108 355108 355108 355108 346210 314242 303000 233031 291533 292470 289245 355108 355108 355108
355108 355108 355108 9898 40866 52108 122077 355108 63575 62638 65863 355108
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 5681728
1
0
123587 243234 300470 269188 344467 343656 661 8550 8788 149 318639 339612 175027 210896 274164
231521 111874 54638 85920 10641 11452 354447 346558 346320 354959 355108 36469 15496 180061 144302 80944
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 5681728
1
0
355108 355108 355108 355108 355108 355108 355108 355108 355108
355108 355108 355108 355108 355108 355108 355108 355108
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