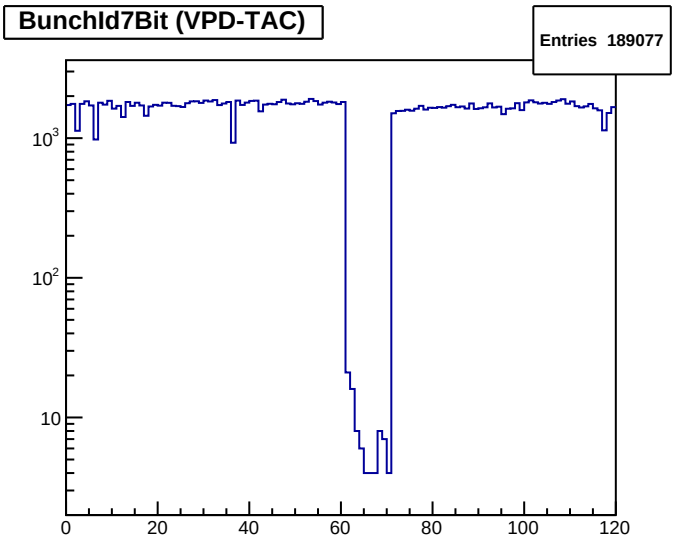
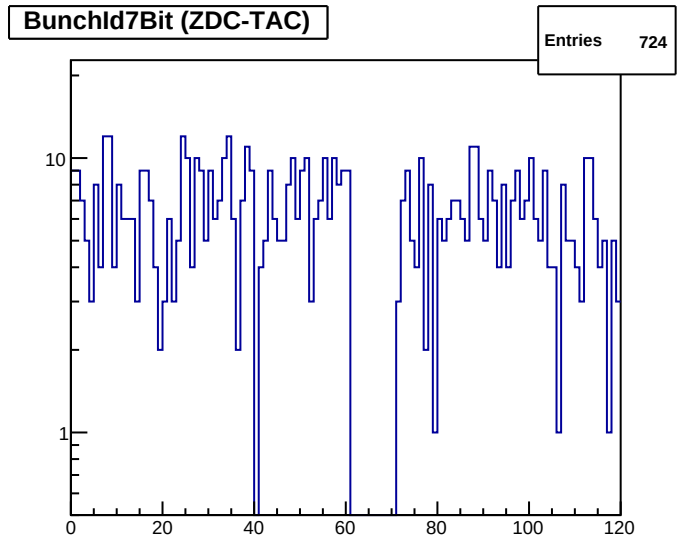
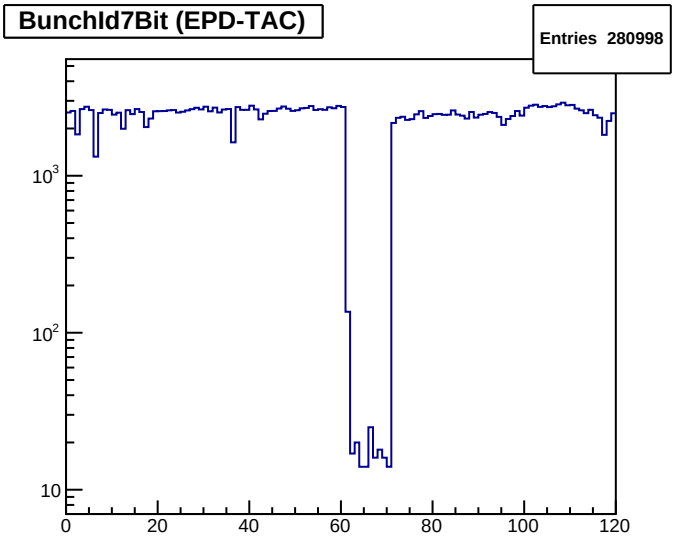
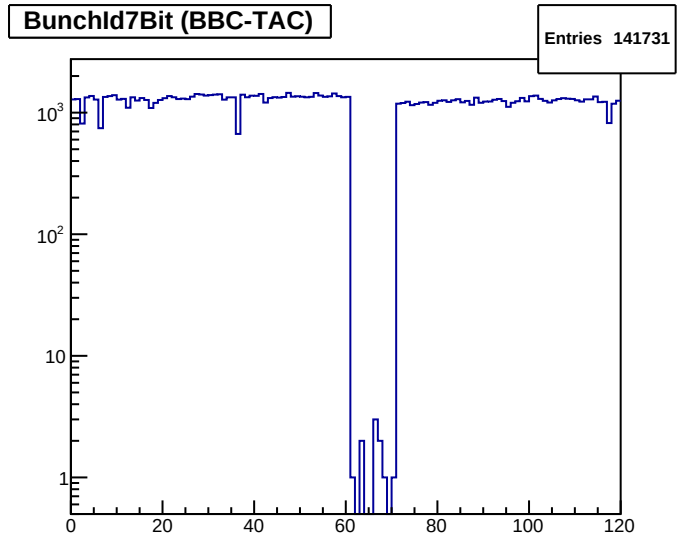
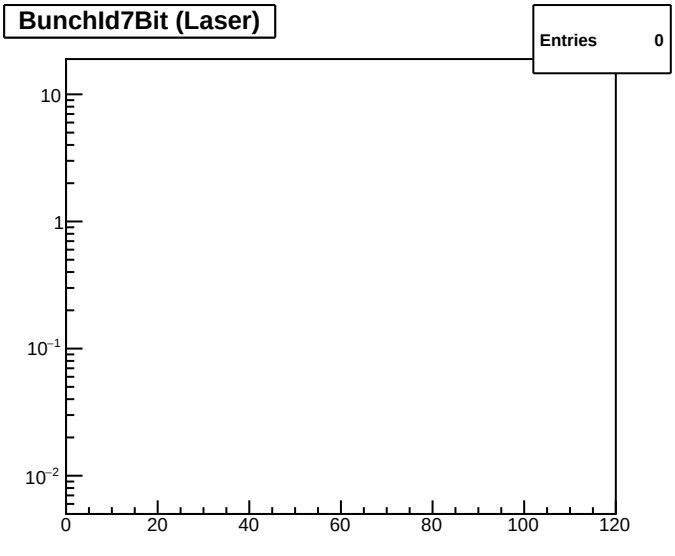
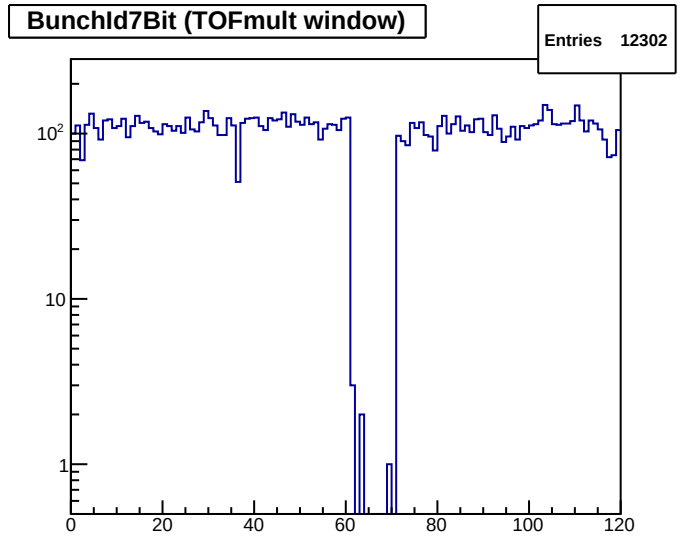

BunchId7Bit (VPD-TAC)
Entries 189077

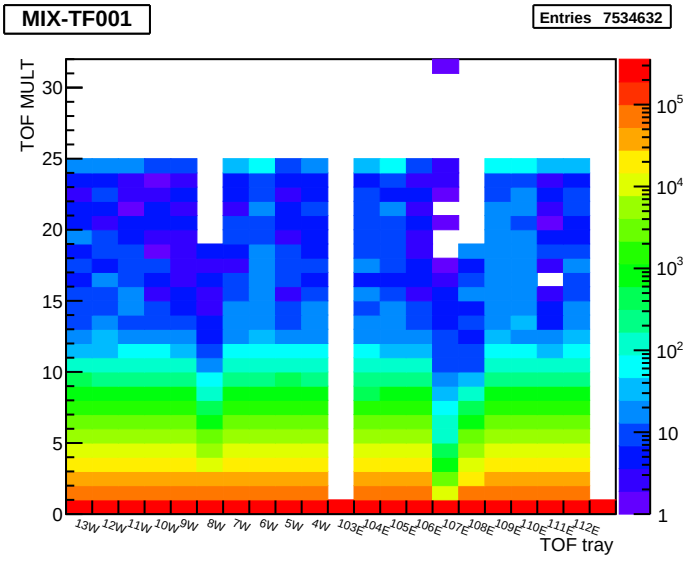

BunchId7Bit (ZDC-TAC)
Entries 724

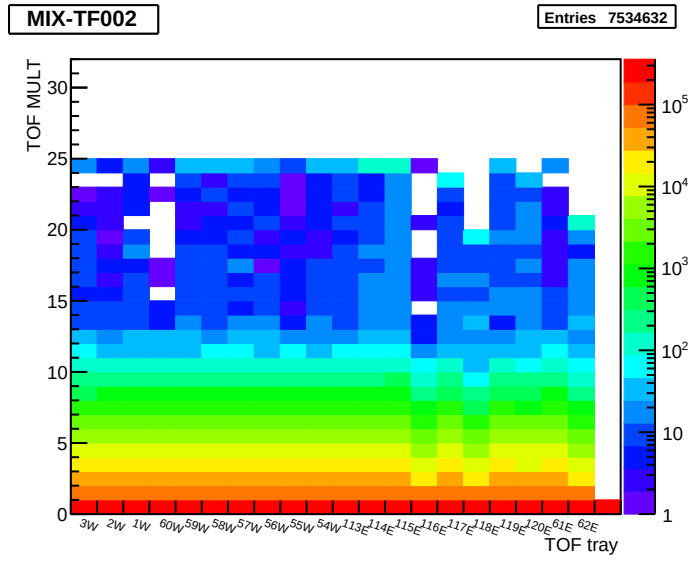

BunchId7Bit (EPD-TAC)
Entries 280998

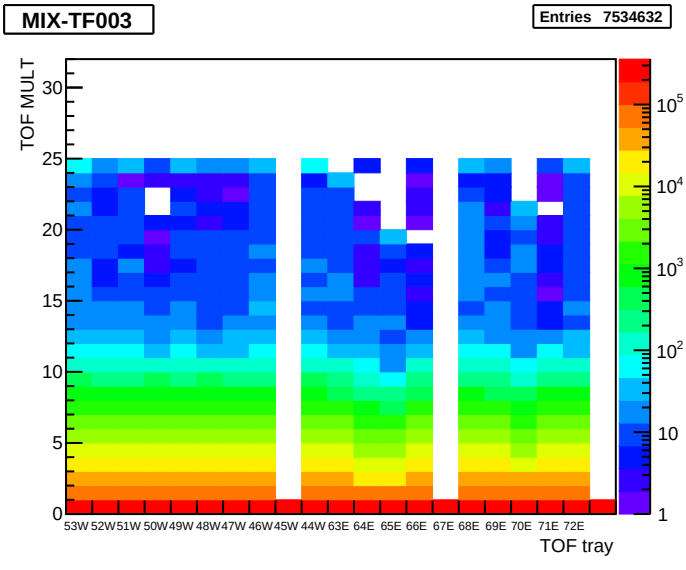

BunchId7Bit (BBC-TAC)
Entries 141731

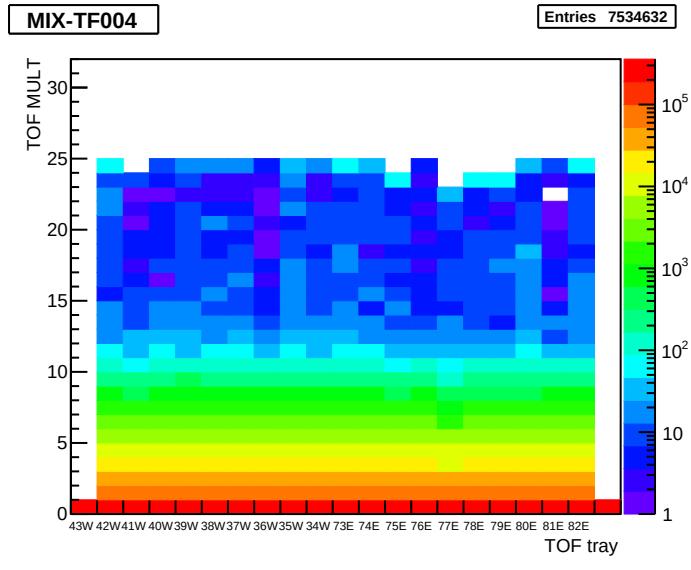

BunchId7Bit (Laser)
Entries 0

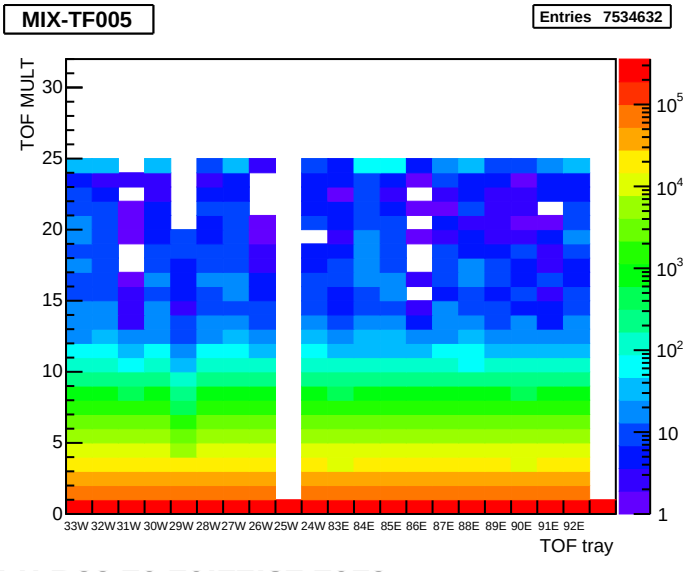

BunchId7Bit (TOFmult window)
Entries 12302

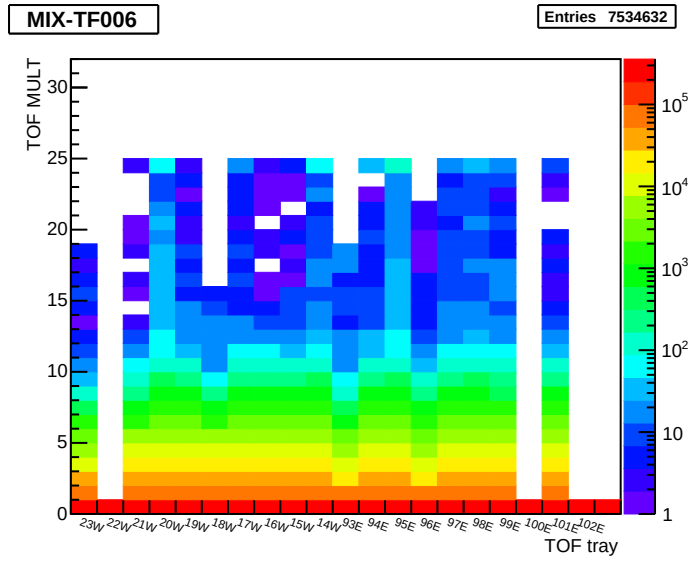

MIX-TF001
Entries 7534632
TOF MULT
TOF tray

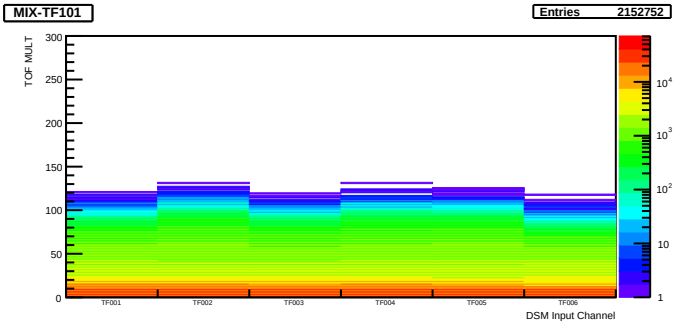

MIX-TF002
Entries 7534632
TOF MULT
TOF tray

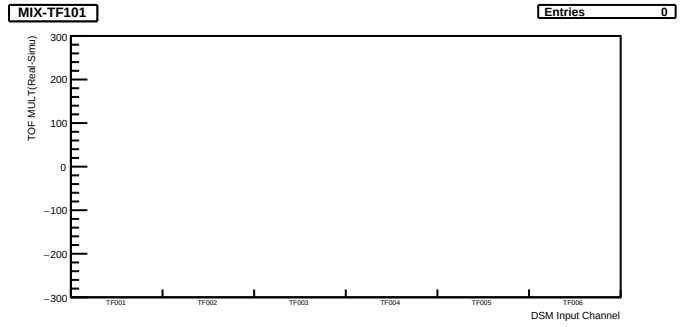

MIX-TF003
Entries 7534632
TOF MULT
TOF tray

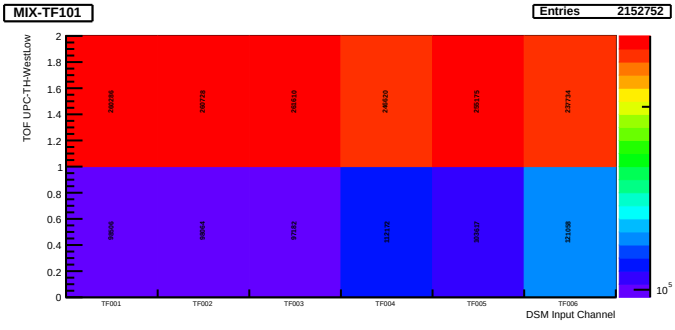

MIX-TF004
Entries 7534632
TOF MULT
TOF tray

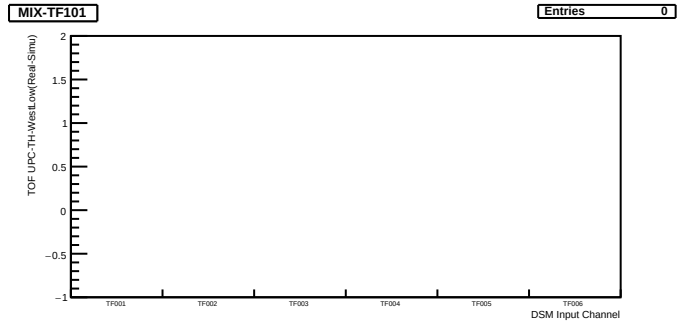

MIX-TF005
Entries 7534632
TOF MULT
TOF tray

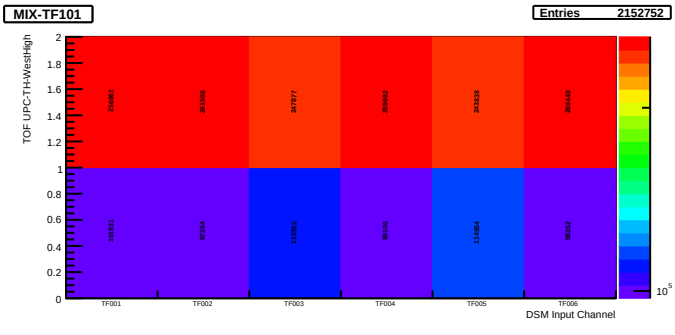

MIX-TF006
Entries 7534632
TOF MULT
TOF tray

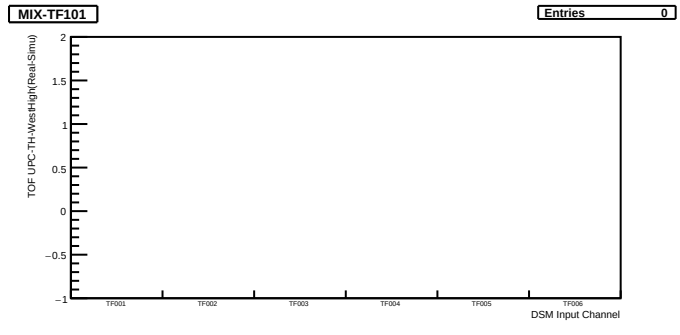

MIX-TF101
Entries 2152752
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

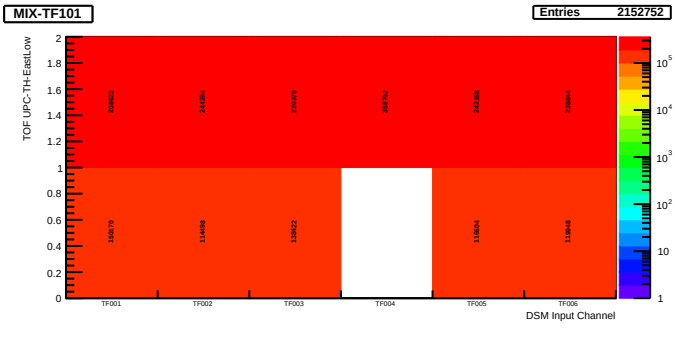

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

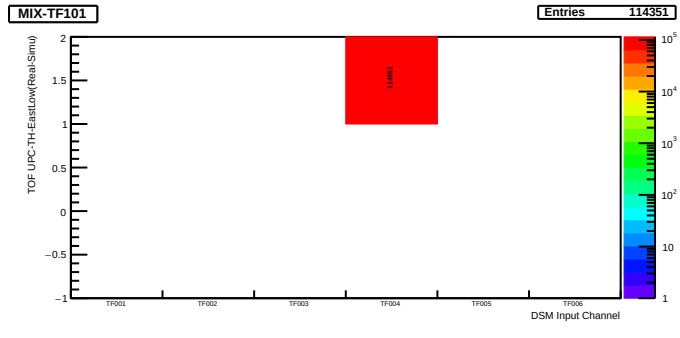

MIX-TF101
Entries 2152752
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

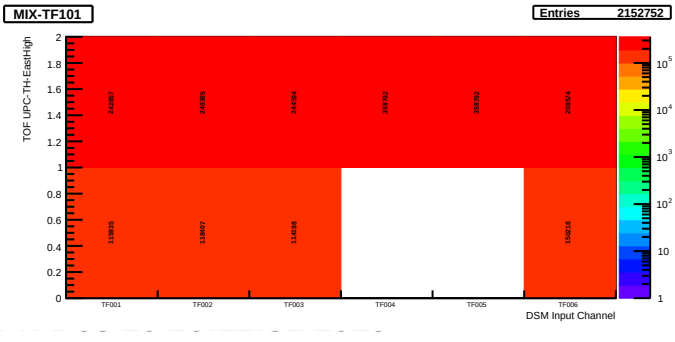

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

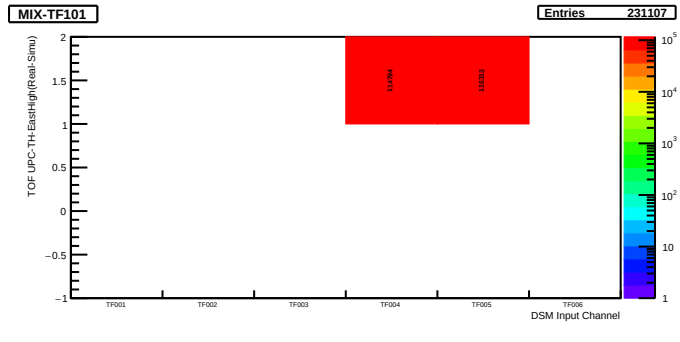

MIX-TF101
Entries 2152752
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

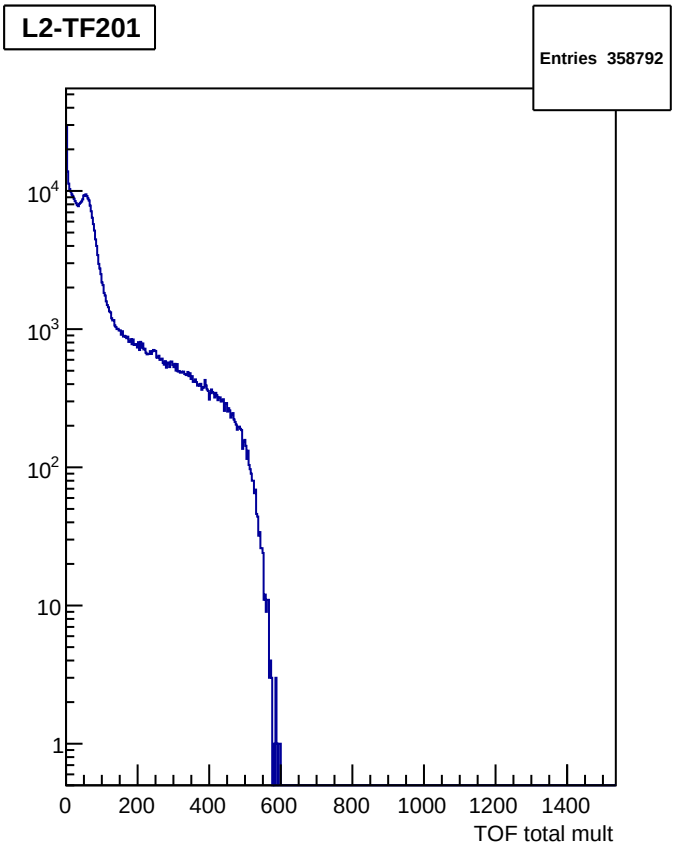

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

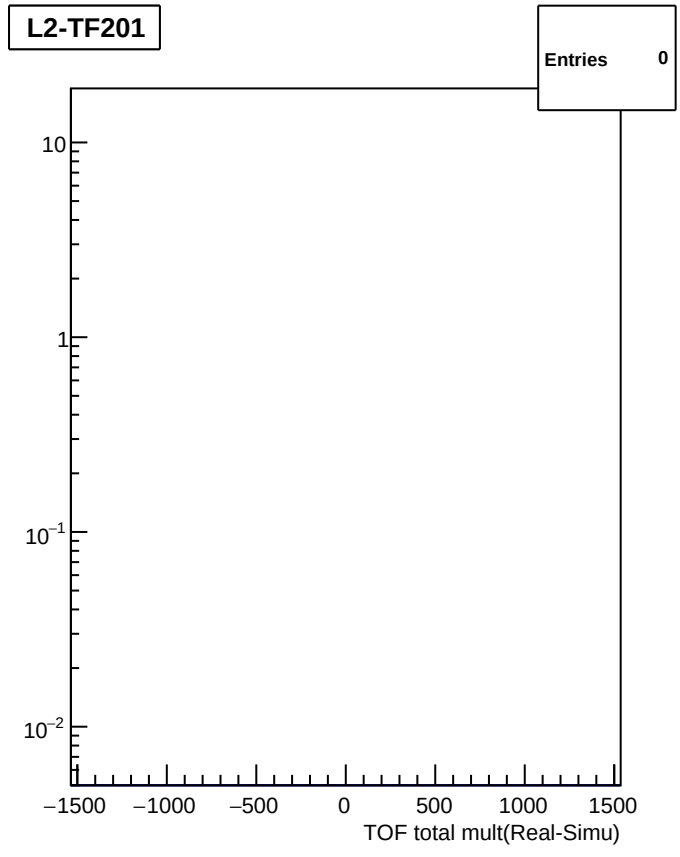

MIX-TF101
Entries 2152752
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

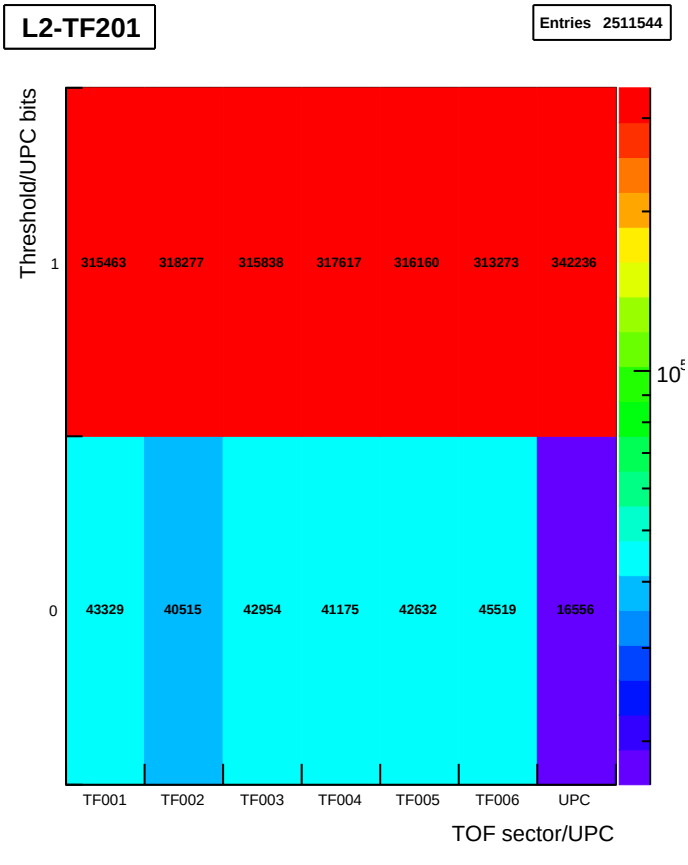

MIX-TF101
Entries 114351
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

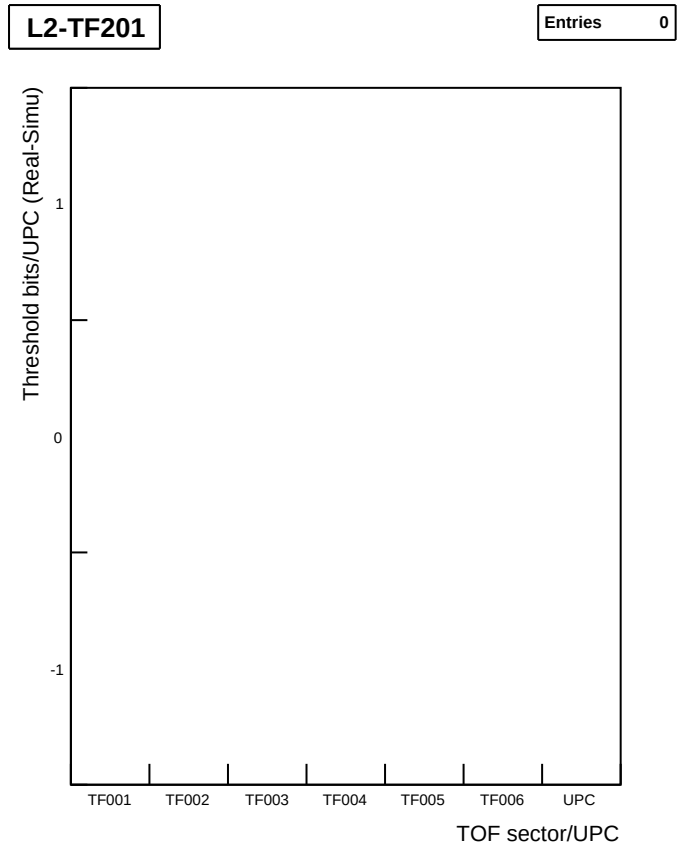

MIX-TF101
Entries 2152752
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

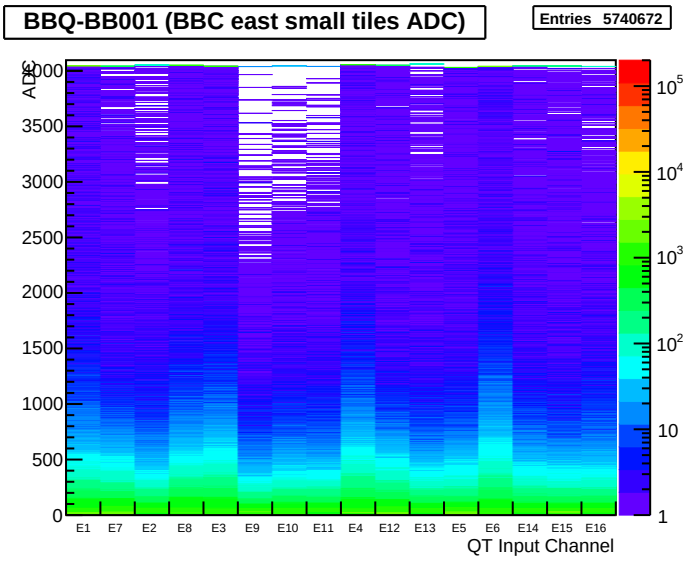

MIX-TF101
Entries 231107
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

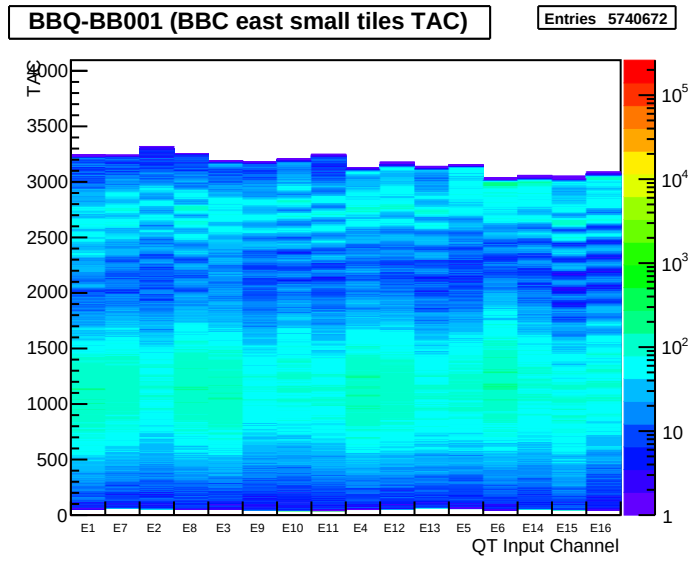

L2-TF201
Entries 358792
TOF total mult

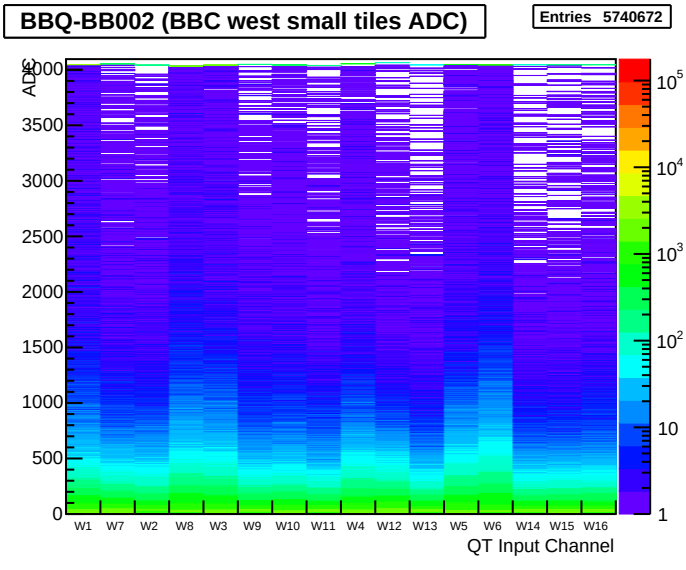

L2-TF201
Entries 0
TOF total mult(Real-Simu)

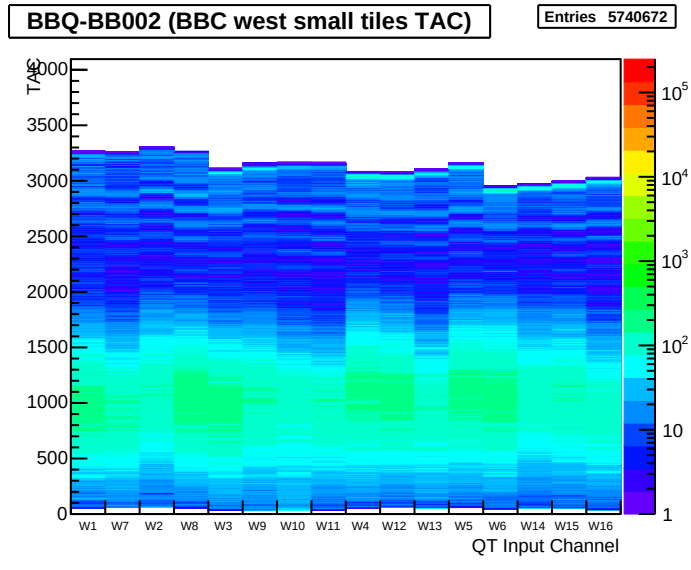

L2-TF201
Entries 2511544
Threshold/UPC bits
315463
318277
315838
317617
316160
313273
342236
43329
40515
42954
41175
42632
45519
16556
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

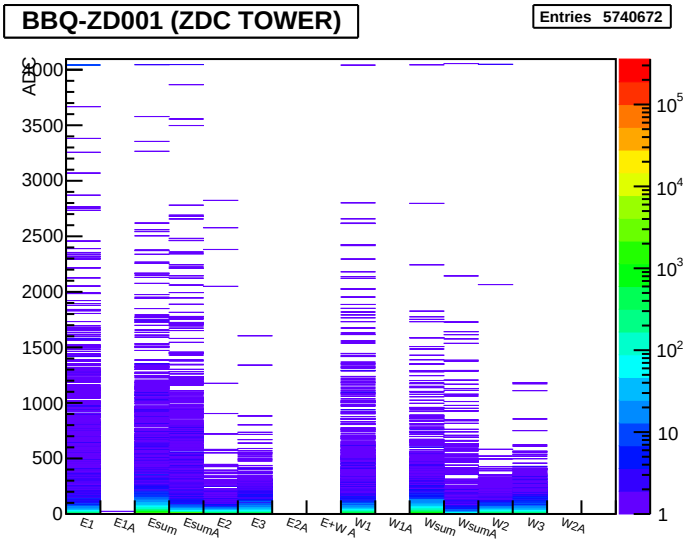

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

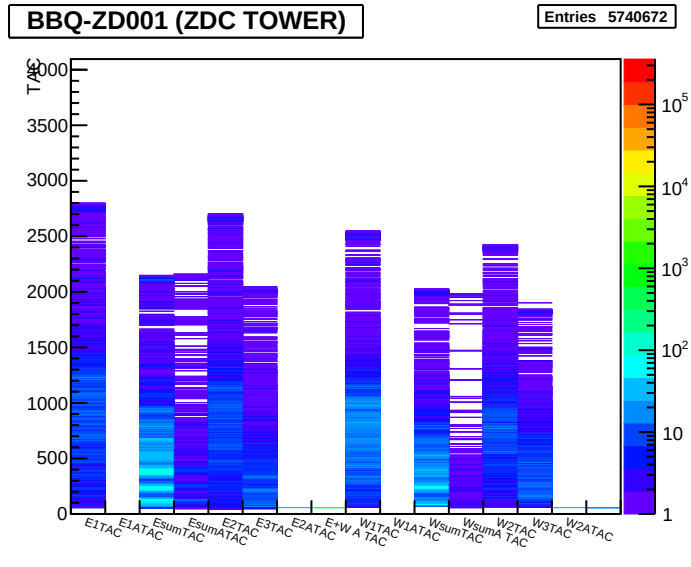

BBQ-BB001 (BBC east small tiles ADC)
Entries 5740672
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

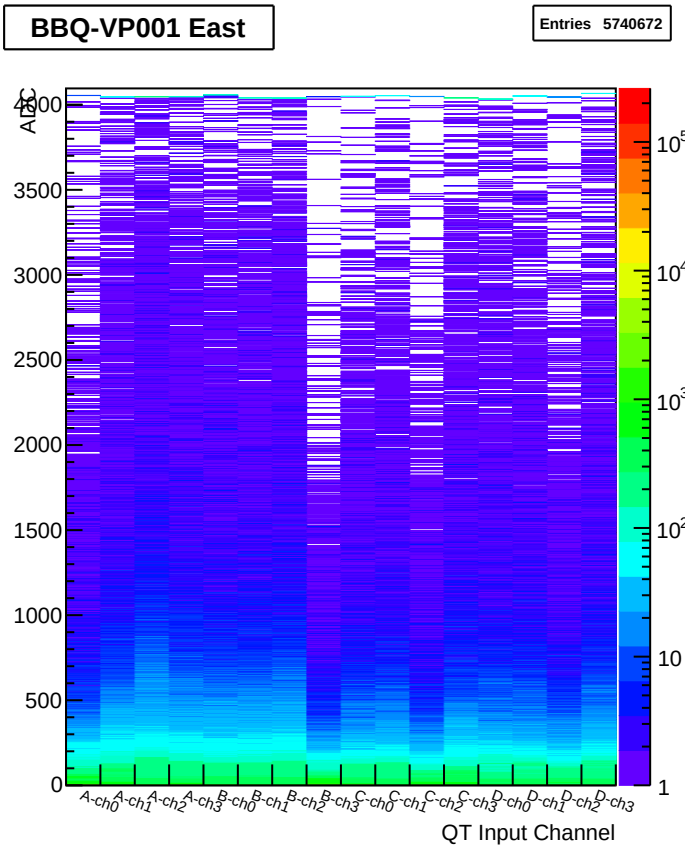

BBQ-BB001 (BBC east small tiles TAC)
Entries 5740672
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

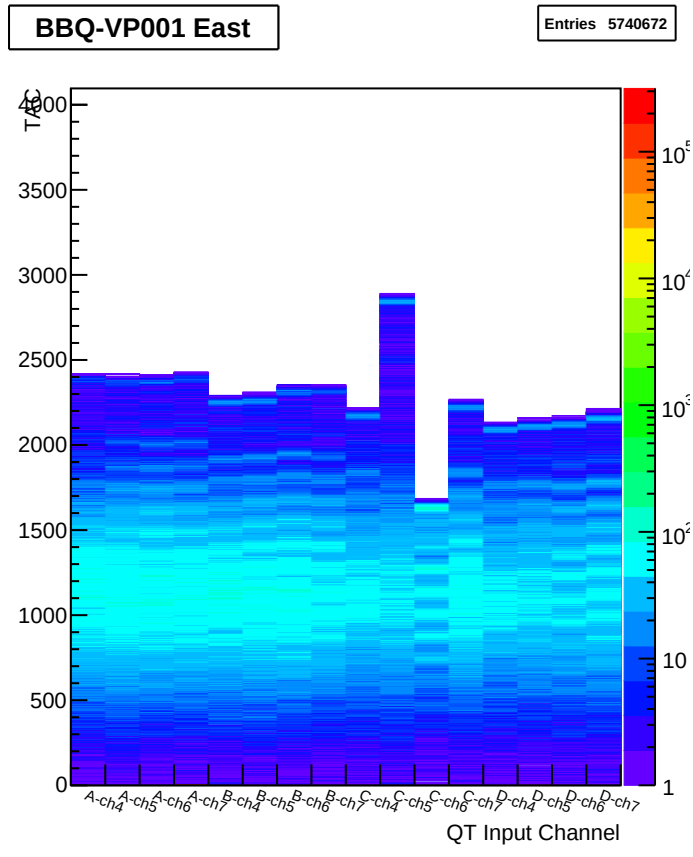

BBQ-BB002 (BBC west small tiles ADC)
Entries 5740672
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

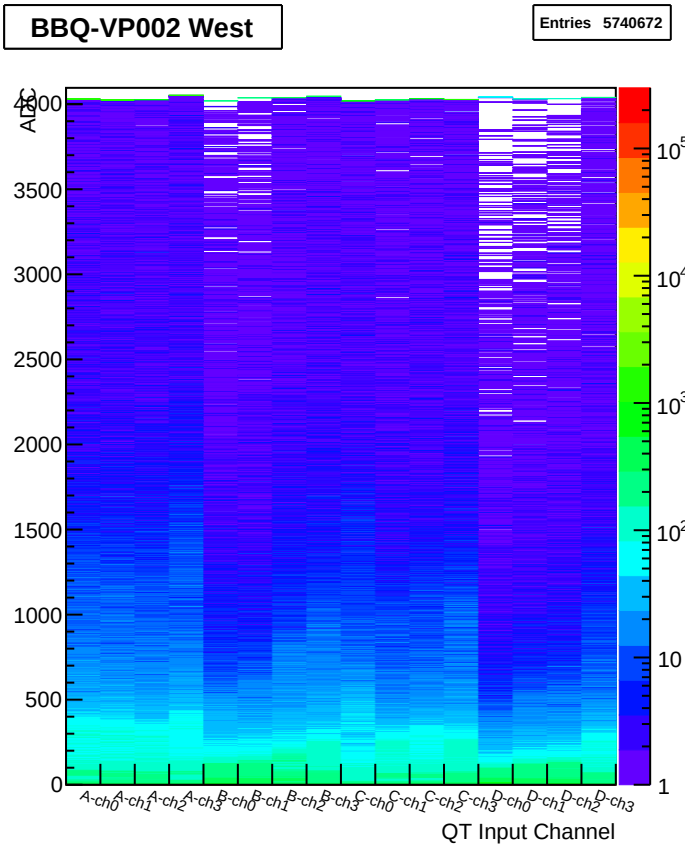

BBQ-BB002 (BBC west small tiles TAC)
Entries 5740672
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

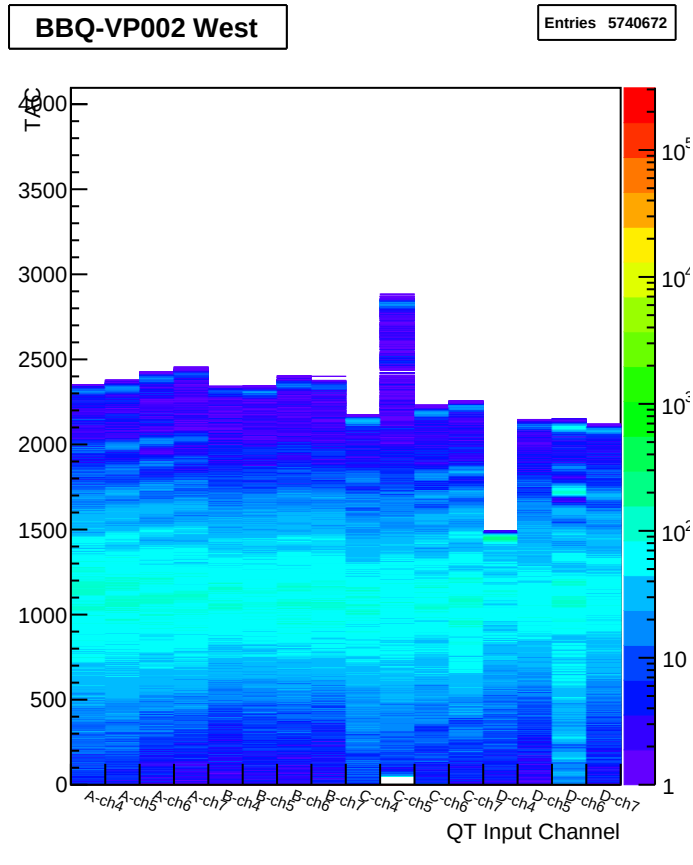

BBQ-ZD001 (ZDC TOWER)
Entries 5740672
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

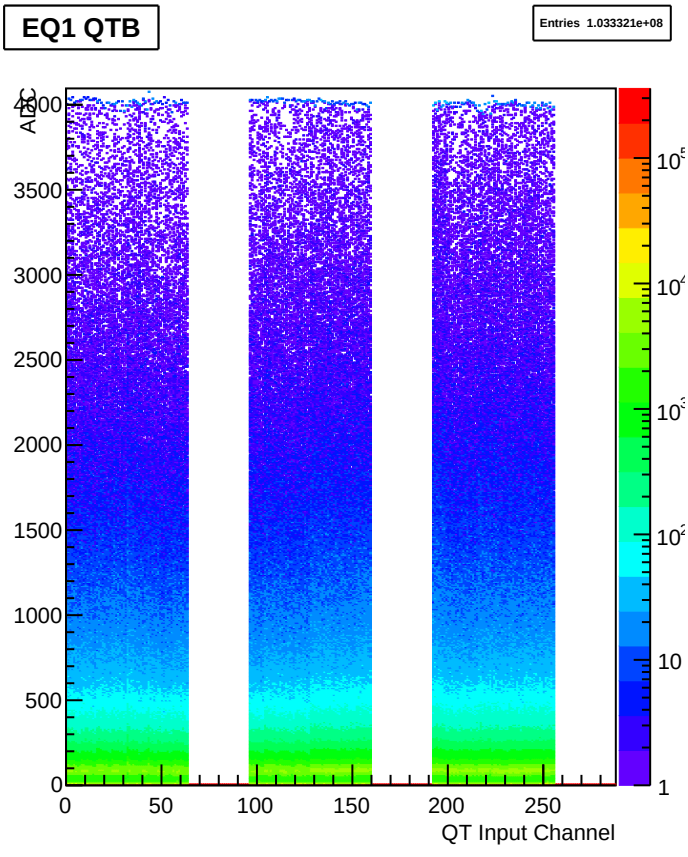

BBQ-ZD001 (ZDC TOWER)
Entries 5740672
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

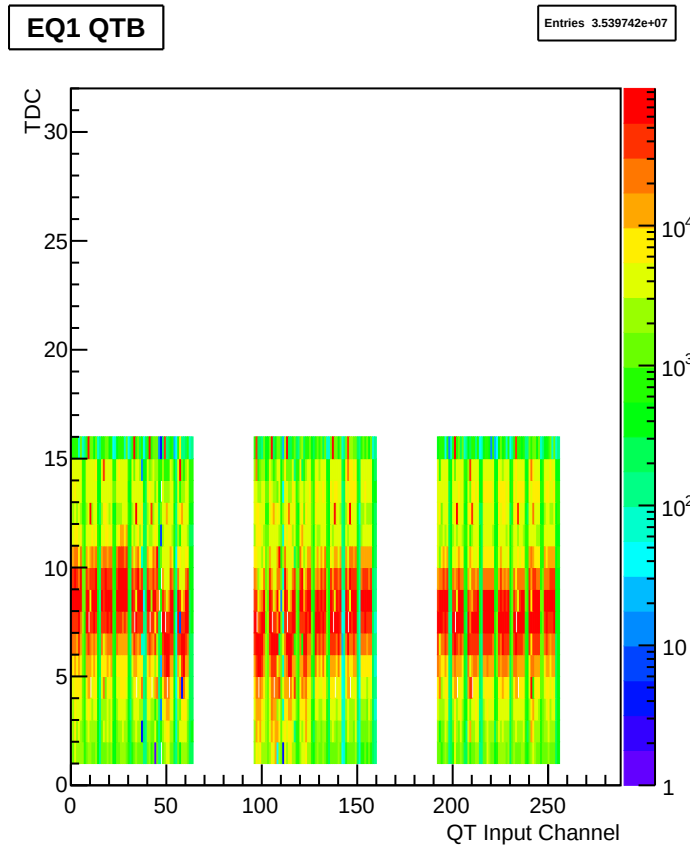

BBQ-VP001 East
Entries 5740672
ADC
QT Input Channel

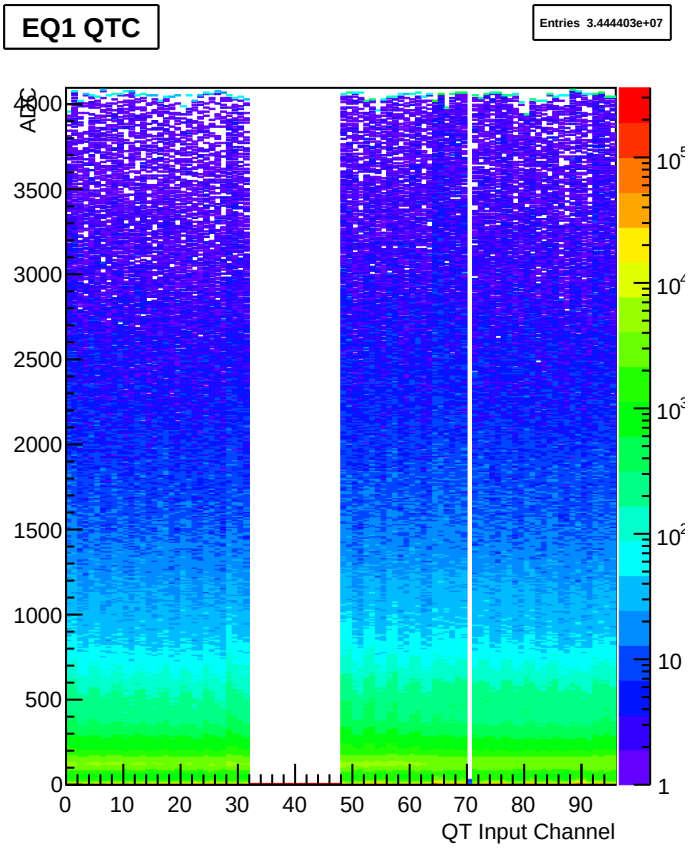

BBQ-VP001 East
Entries 5740672
TADC
QT Input Channel

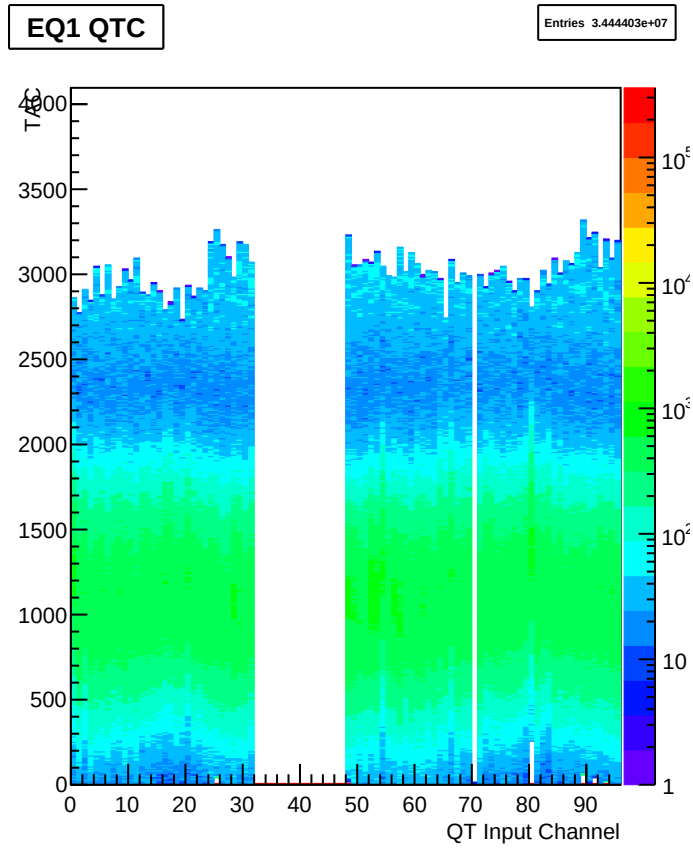

BBQ-VP002 West
Entries 5740672
ADC
QT Input Channel

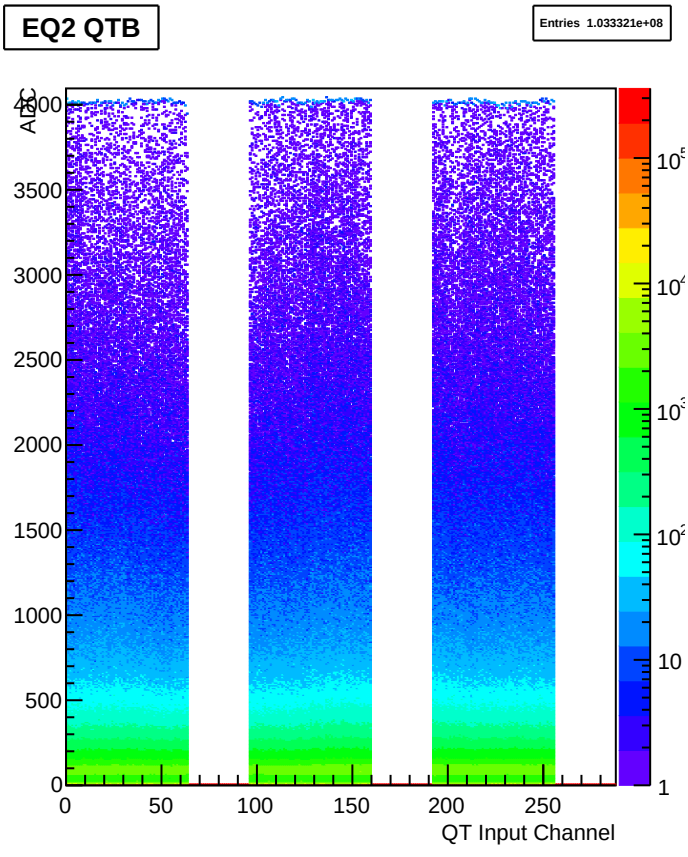

BBQ-VP002 West
Entries 5740672
TADC
QT Input Channel

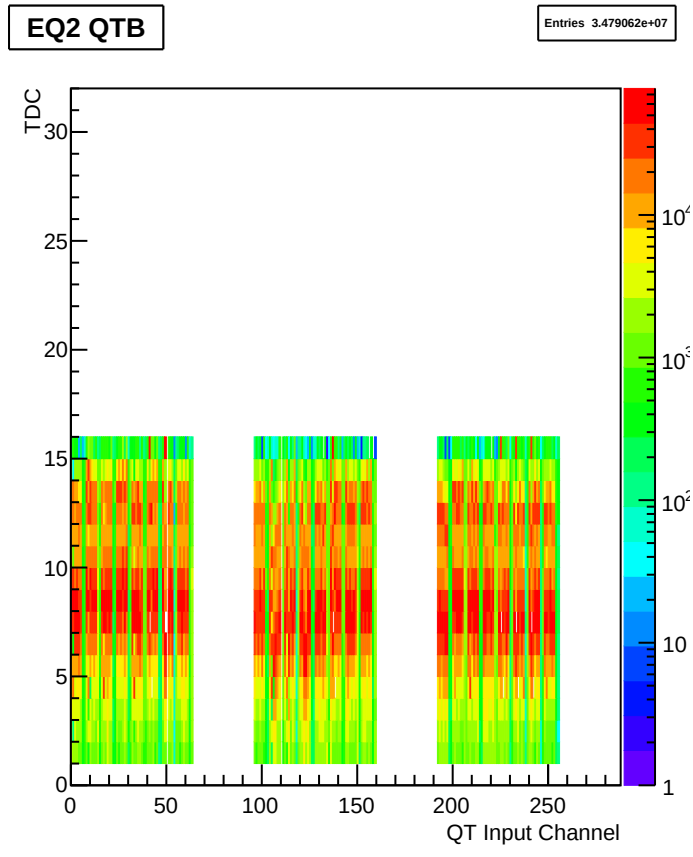

EQ1 QTB
Entries 1.033321e+08
ADC
QT Input Channel

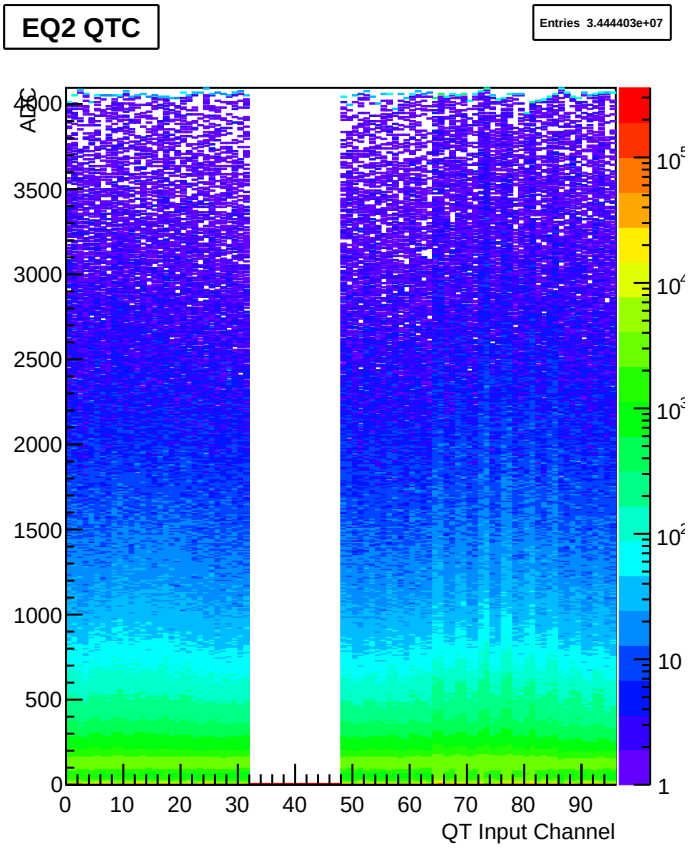

EQ1 QTB
Entries 3.539742e+07
TDC
QT Input Channel

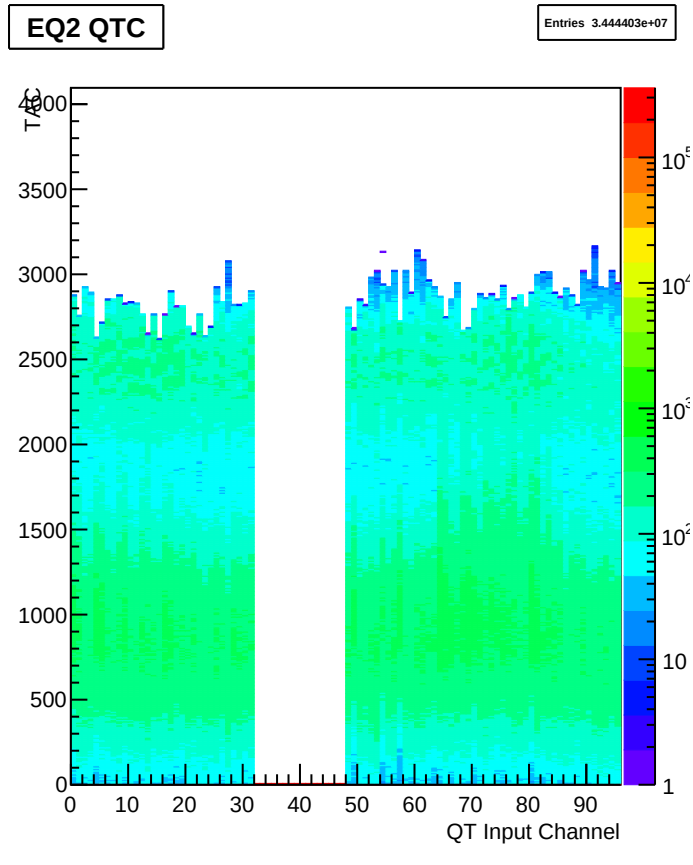

EQ1 QTC
Entries 3.444403e+07
ADC
QT Input Channel

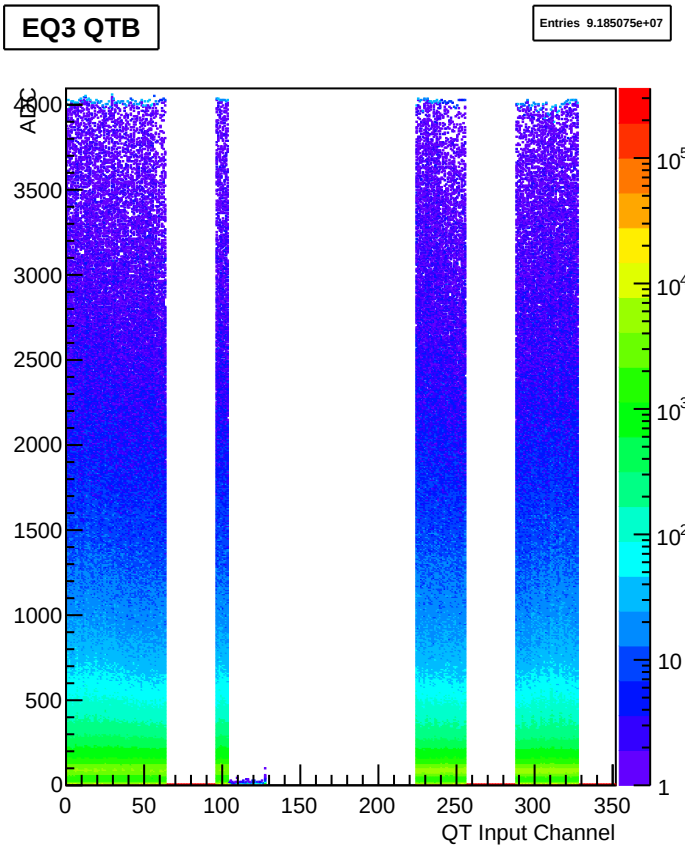

EQ1 QTC
Entries 3.444403e+07
TADC
QT Input Channel

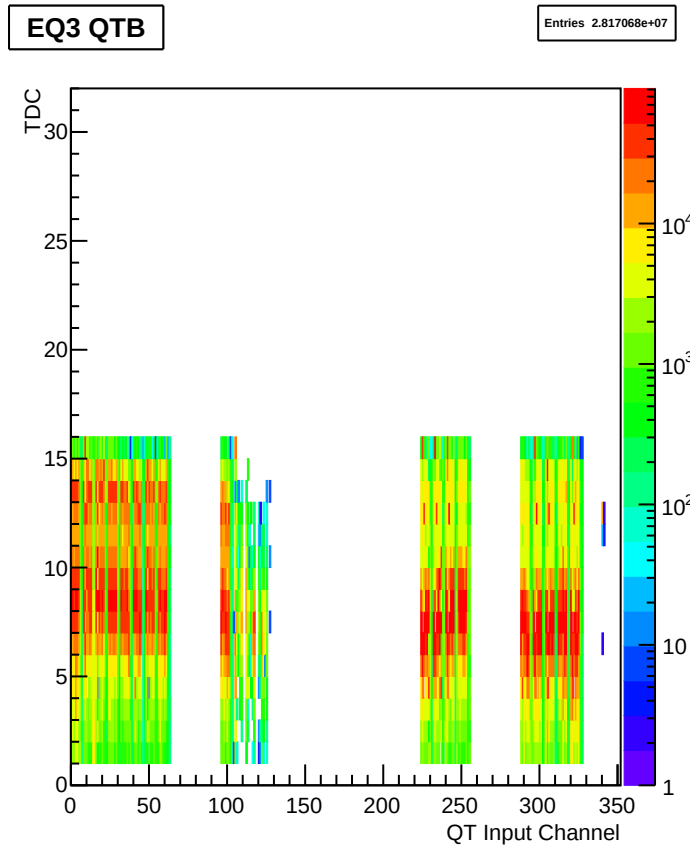

EQ2 QTB
Entries 1.033321e+08
ADC
QT Input Channel

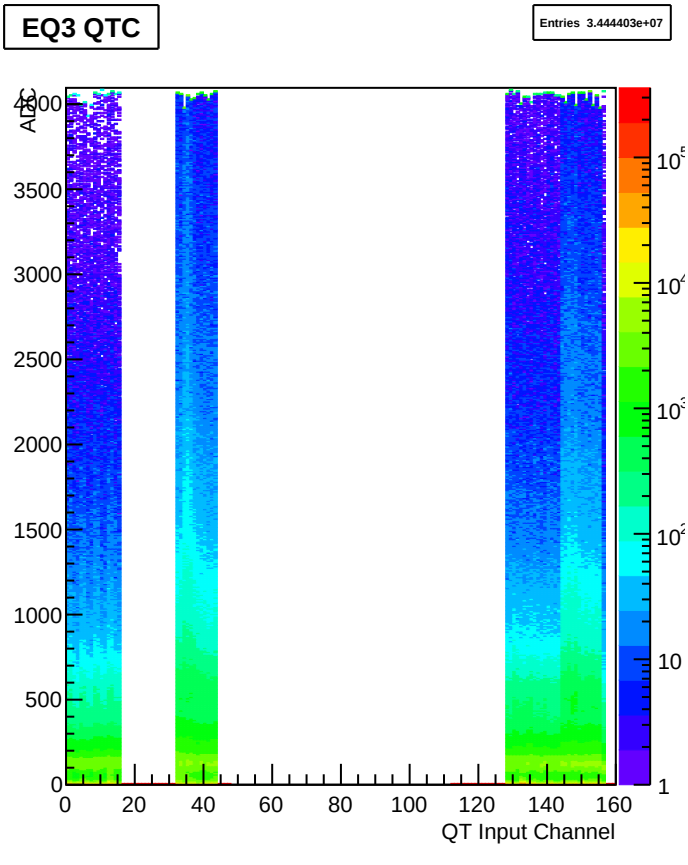

EQ2 QTB
Entries 3.479062e+07
TDC
QT Input Channel

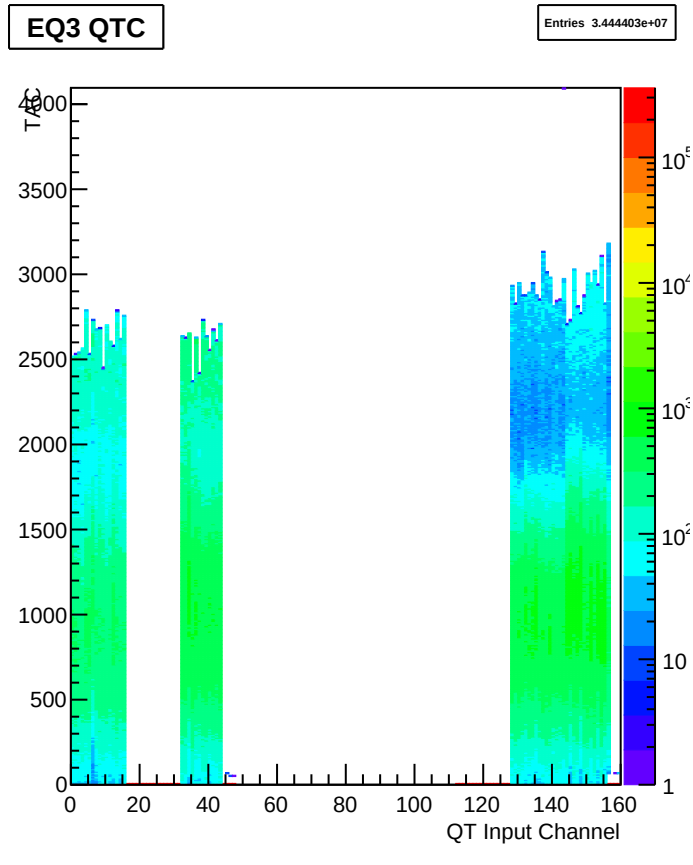

EQ2 QTC
Entries 3.444403e+07
ADC
QT Input Channel

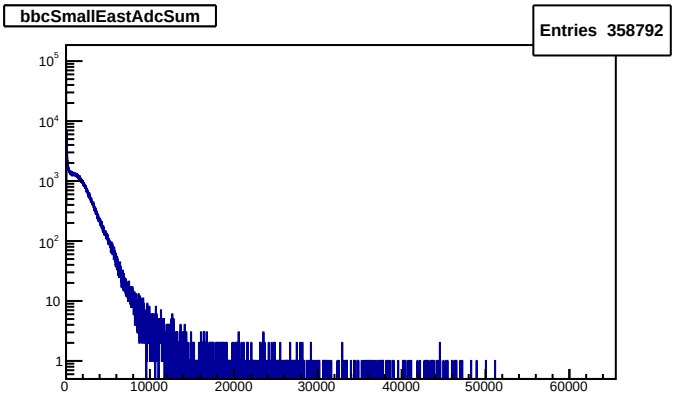

EQ2 QTC
Entries 3.444403e+07
TADC
QT Input Channel

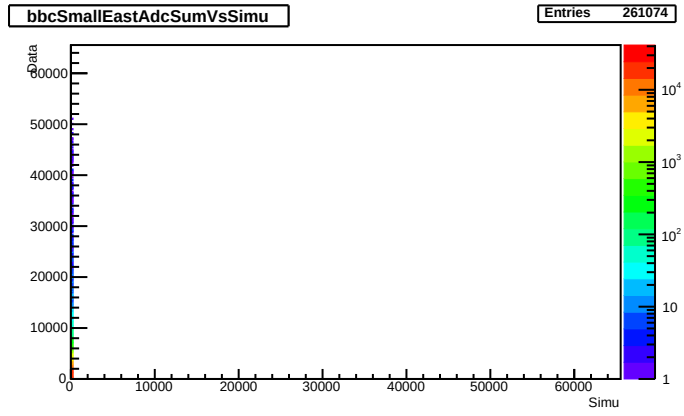

EQ3 QTB
Entries 9.185075e+07
ADC
QT Input Channel

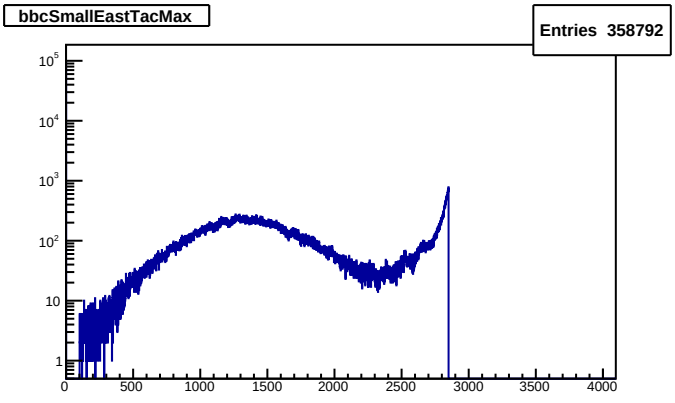

EQ3 QTB
Entries 2.817068e+07
TDC
QT Input Channel

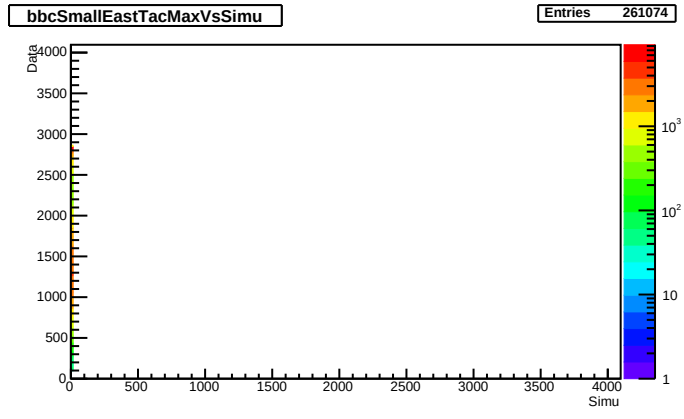

EQ3 QTC
Entries 3.444403e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.444403e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 358792


bbcSmallEastAdcSumVsSimu
Entries 261074
Data
Simu


bbcSmallEastTacMax
Entries 358792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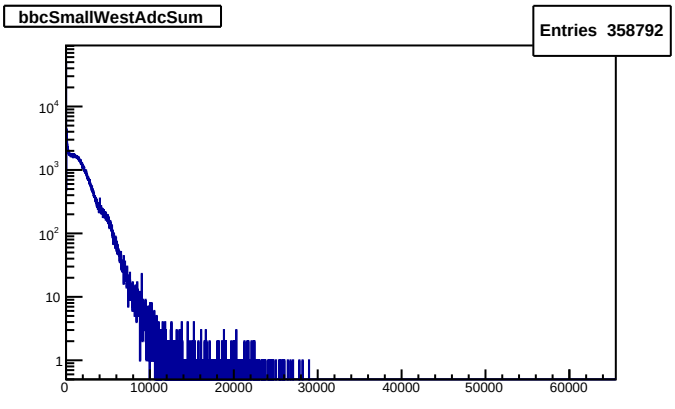
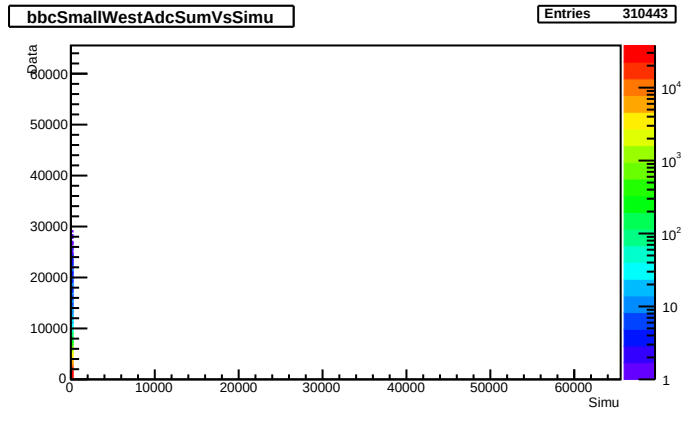
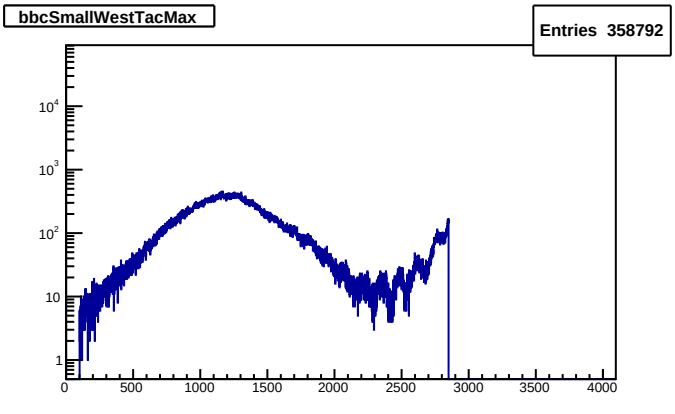
Entries 261074
Data
Simu


bbcSmallWestAdcSum
Entries 358792


bbcSmallWestAdcSumVsSimu
Entries 310443
Data
Simu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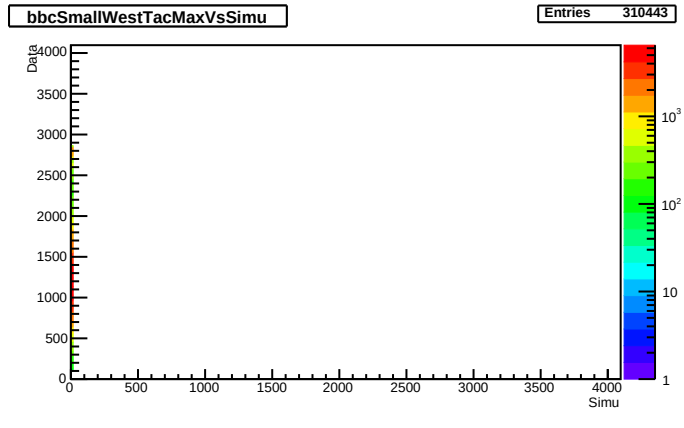
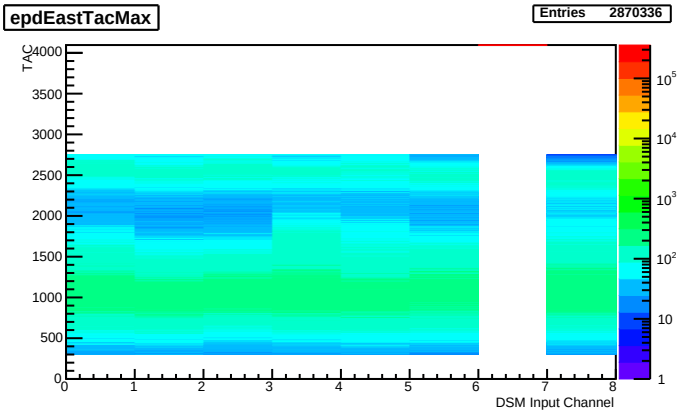
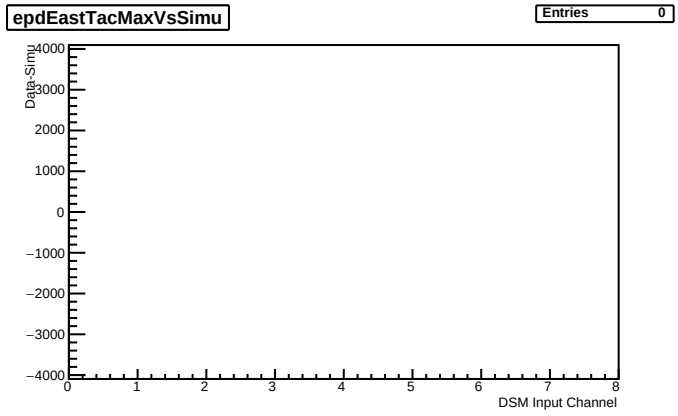
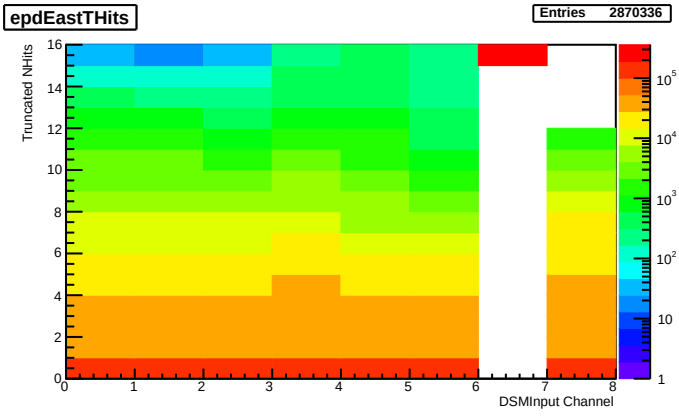
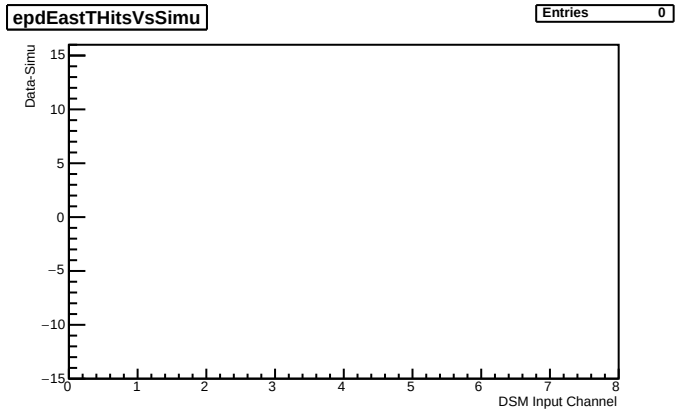
Entries 358792


bbcSmallWestTacMaxVsSimu
Entries 310443
Data
Simu


epdEastTacMax
Entries 2870336
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2870336
Truncated NHits
DSMInput Channel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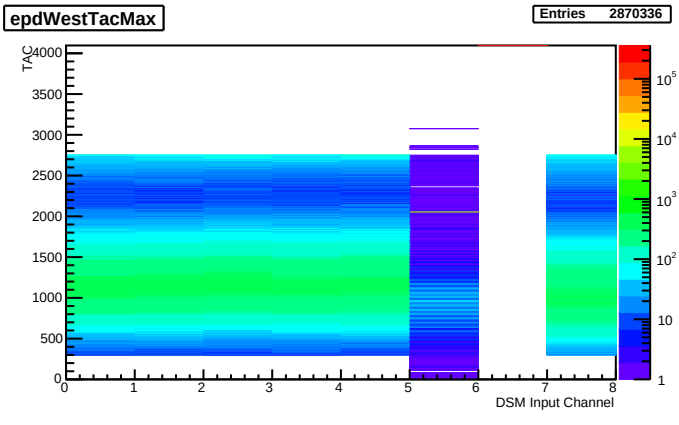
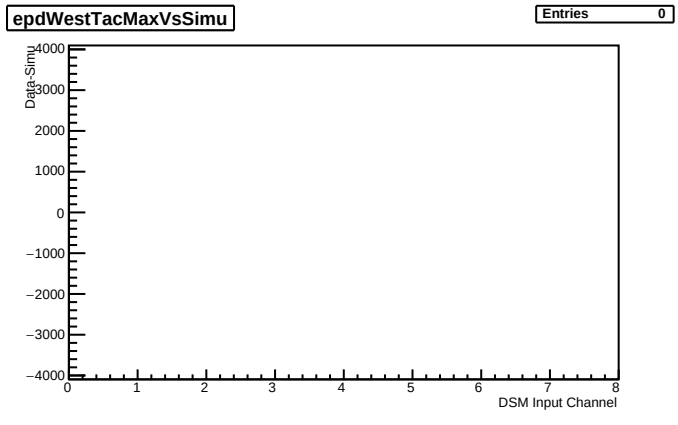
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2870336
TAC
DSM Input Channel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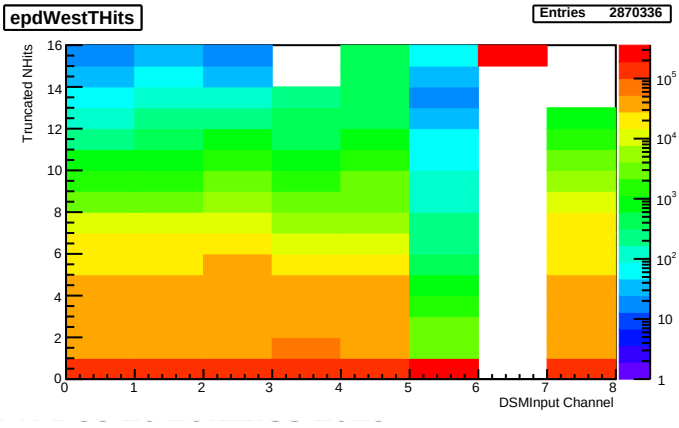
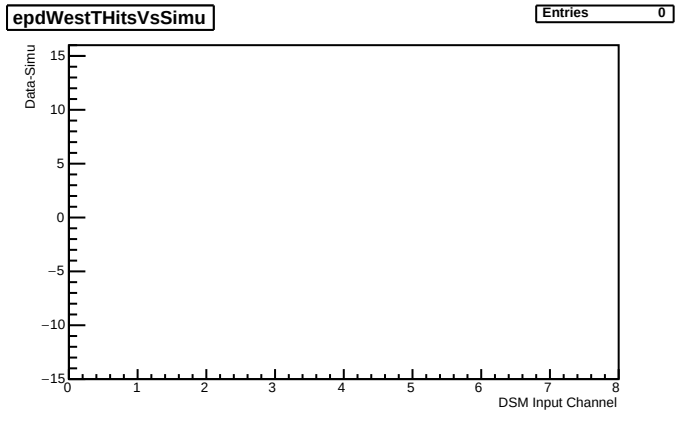
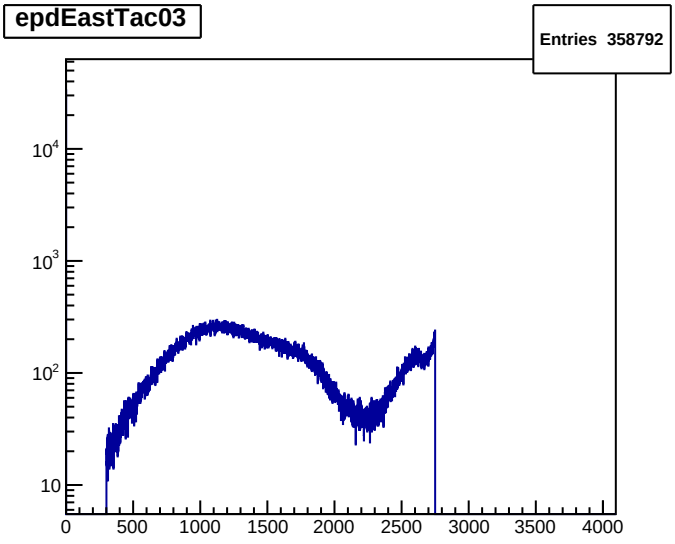
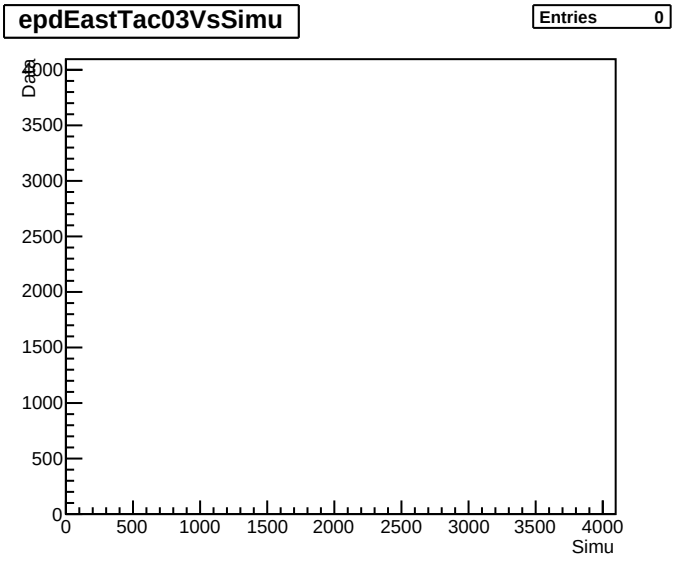
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2870336
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 358792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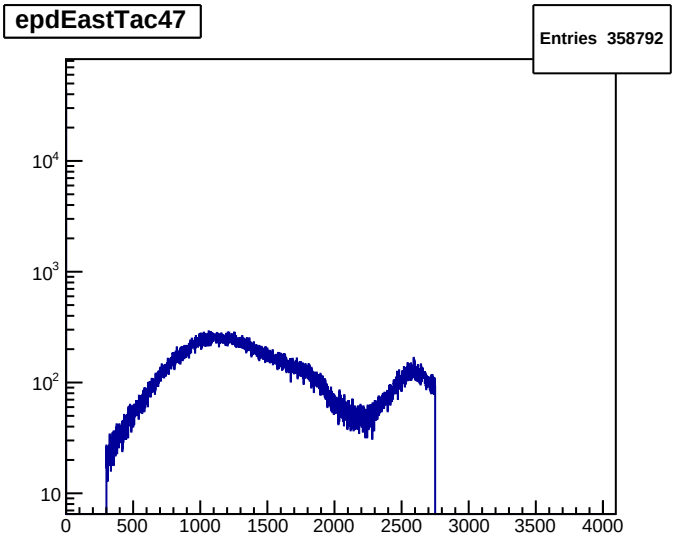
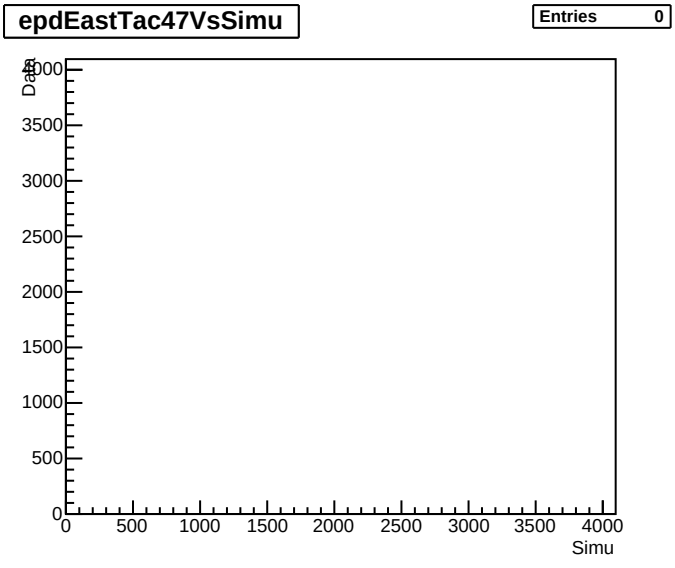
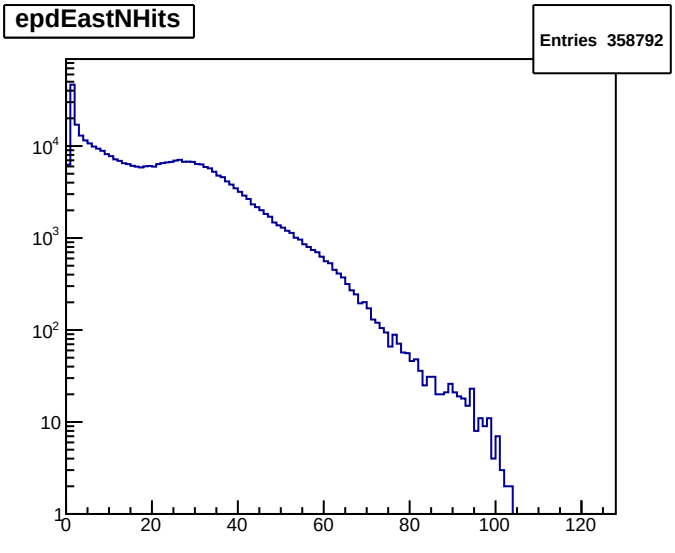
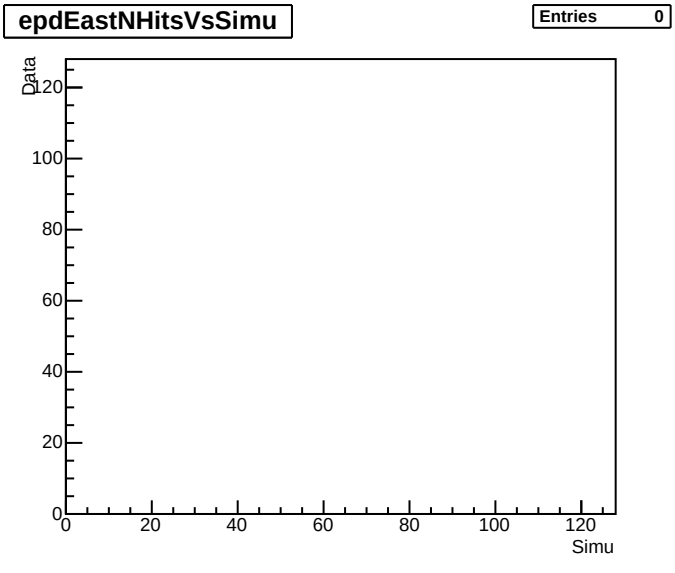
Entries 0
Data
Simu


epdEastTac47
Entries 358792


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 358792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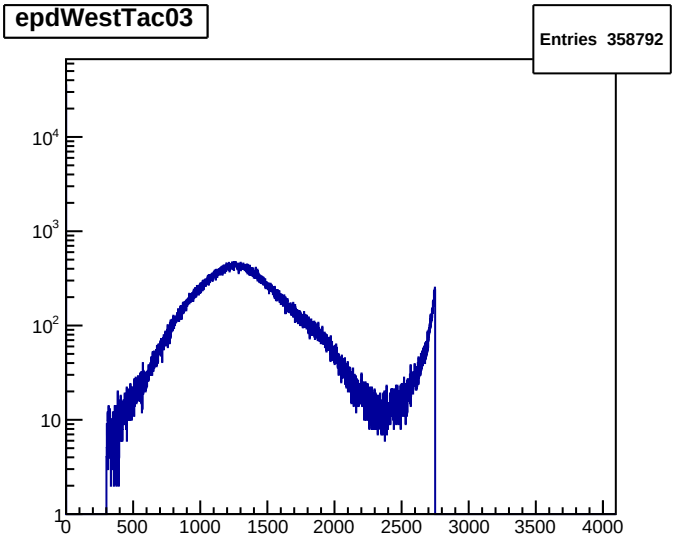
Entries 0
Data
Simu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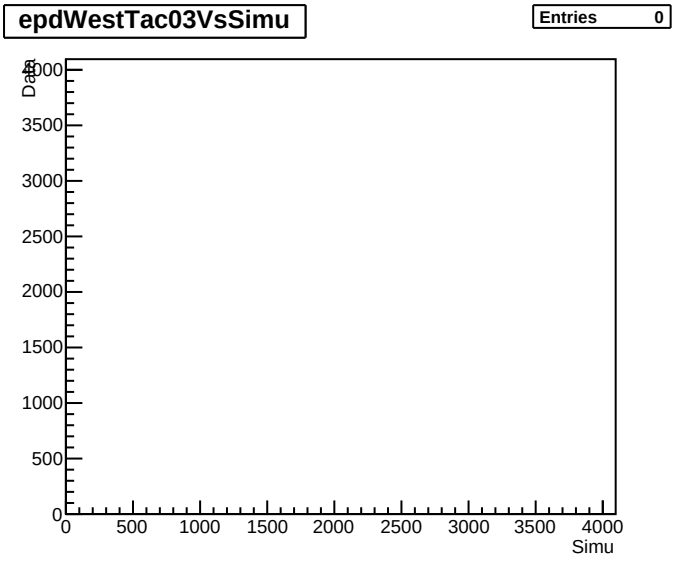
Entries 358792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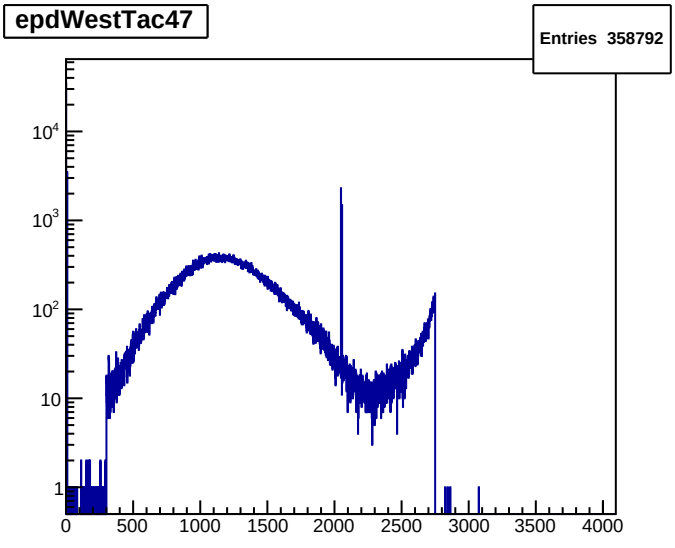
Entries 0
Data
Simu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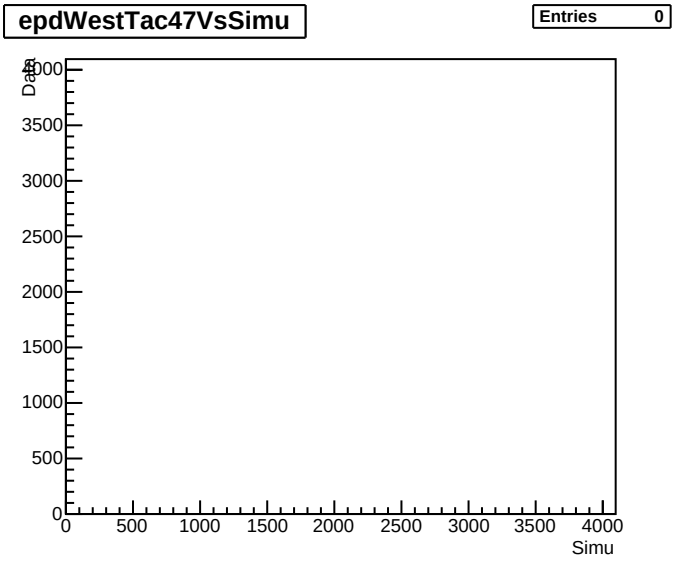
Entries 358792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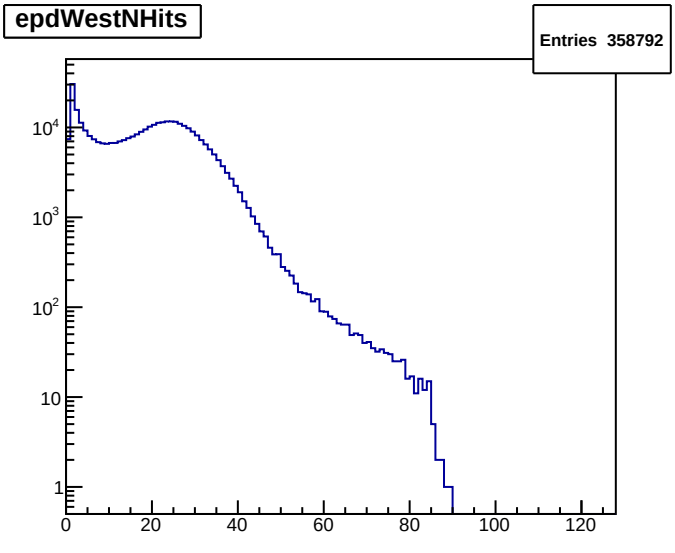
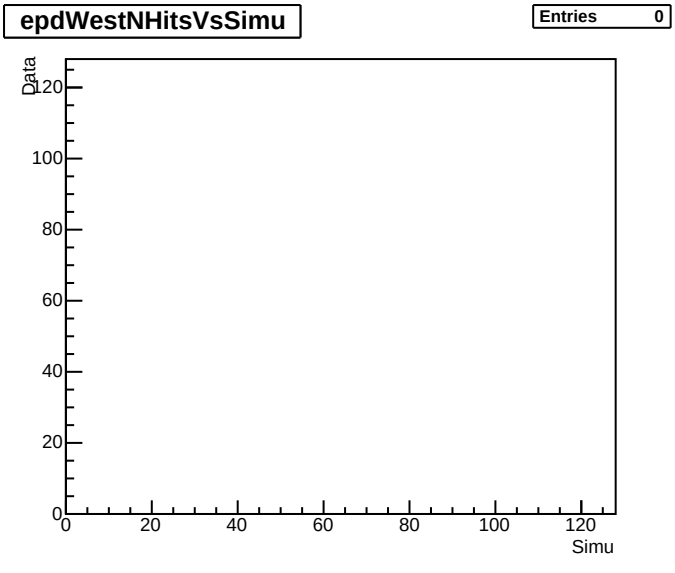
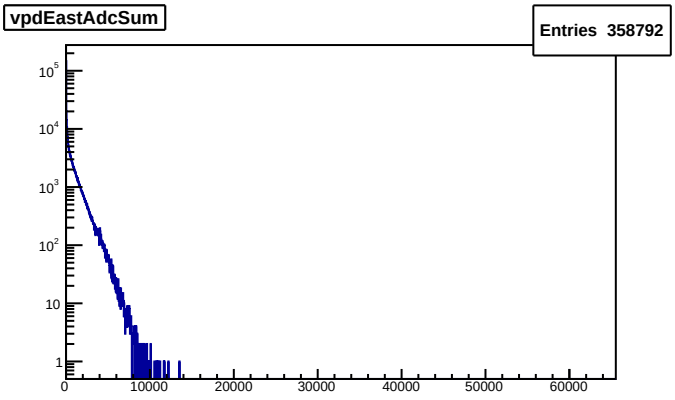
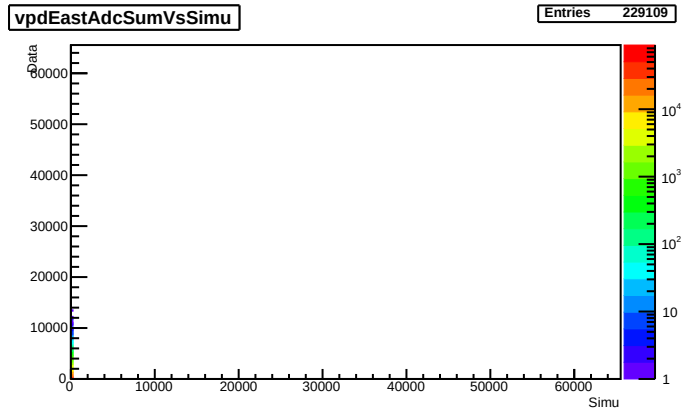
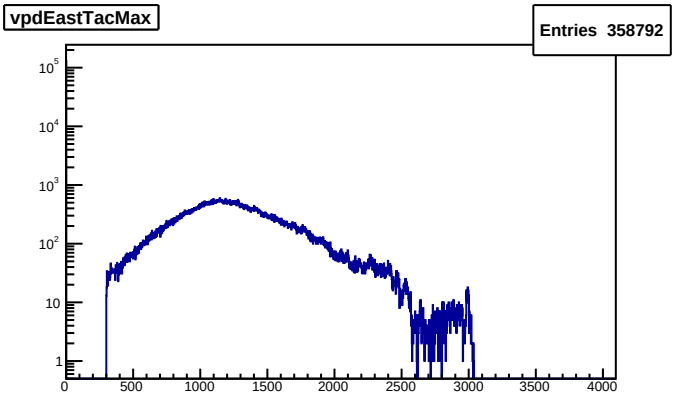
Entries 0
Data
Simu

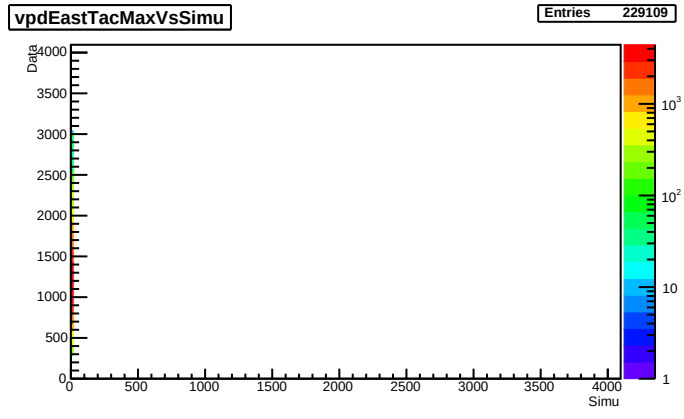

epdWestNHits
Entries 358792

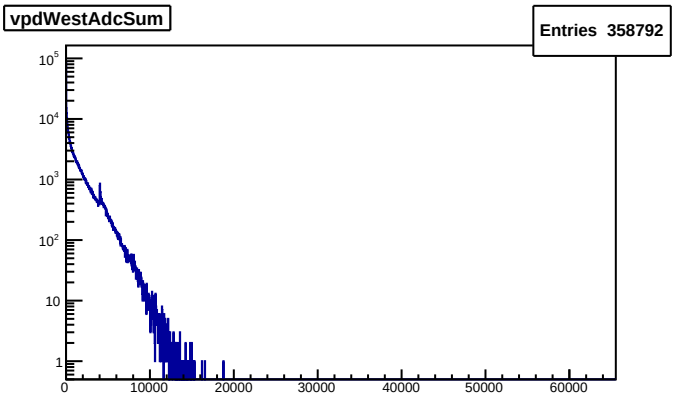

epdWestNHitsVsSimu
Entries 0
Data
Simu

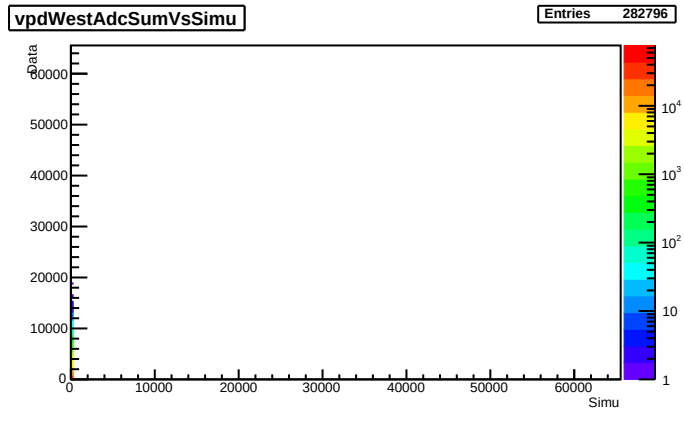

vpdEastAdcSum
Entries 358792

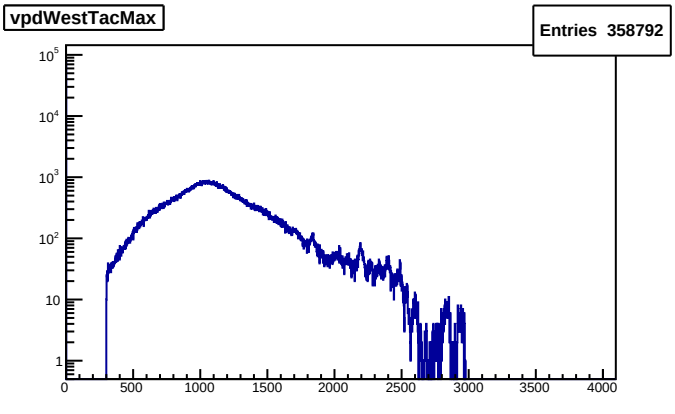

vpdEastAdcSumVsSimu
Entries 229109
Data
Simu

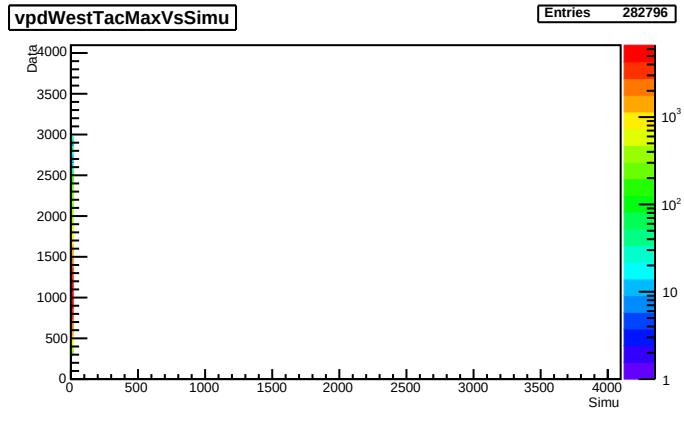

vpdEastTacMax
Entries 358792

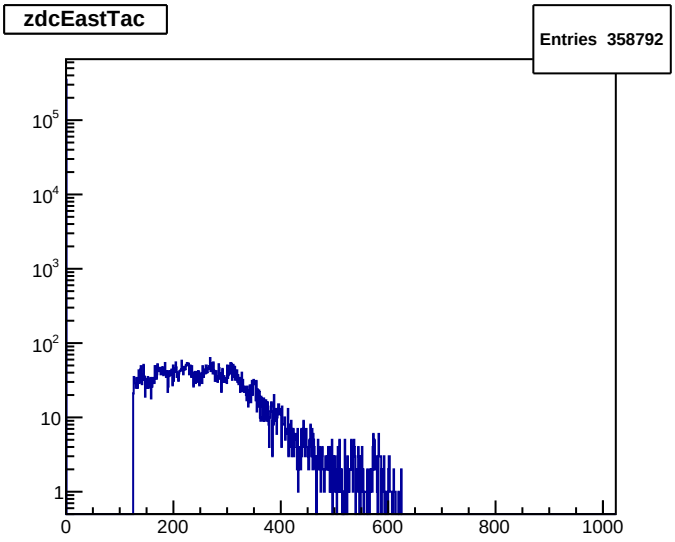

vpdEastTacMaxVsSimu
Entries 229109
Data
Simu

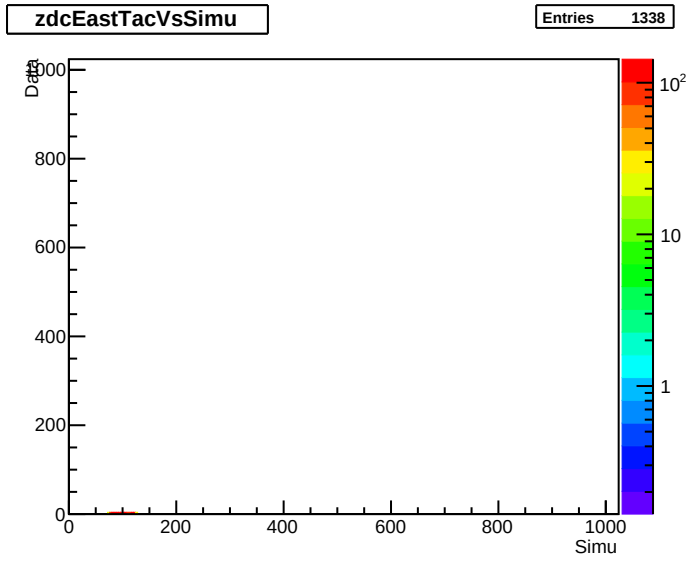

vpdWestAdcSum
Entries 358792

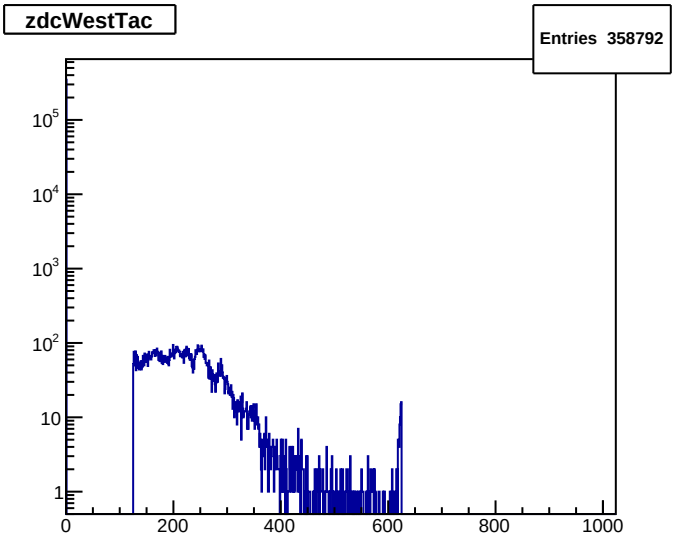

vpdWestAdcSumVsSimu
Entries 282796
Data
Simu

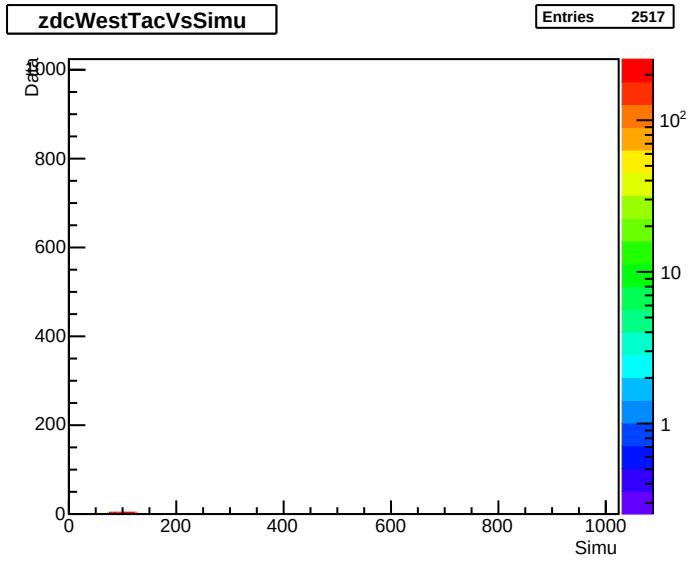

vpdWestTacMax
Entries 358792

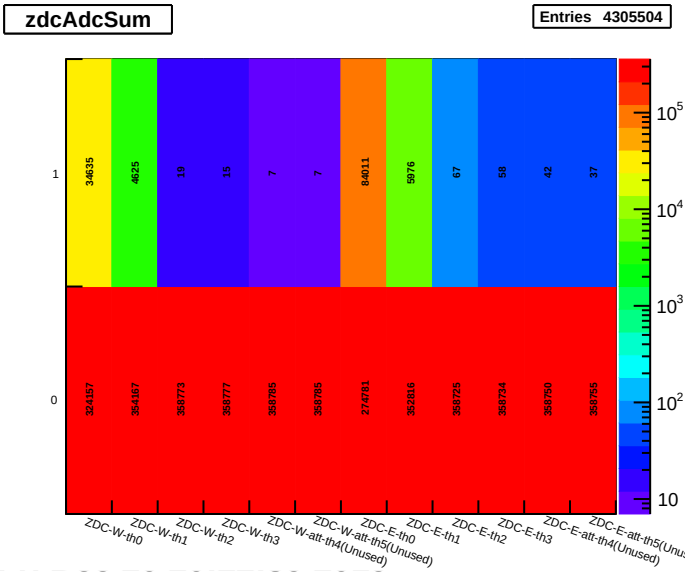

vpdWestTacMaxVsSimu
Entries 282796
Data
Simu

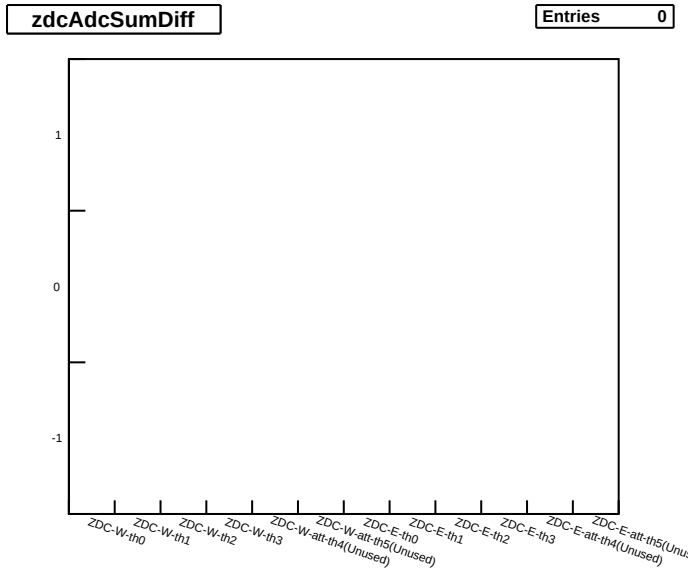

zdcEastTac
Entries 358792

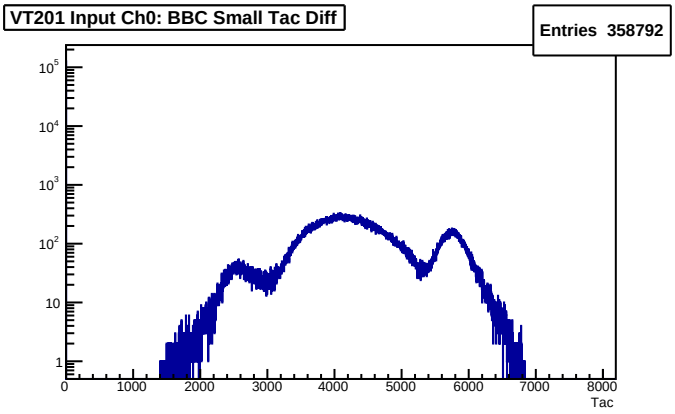

zdcEastTacVsSimu
Entries 1338
Data
Simu

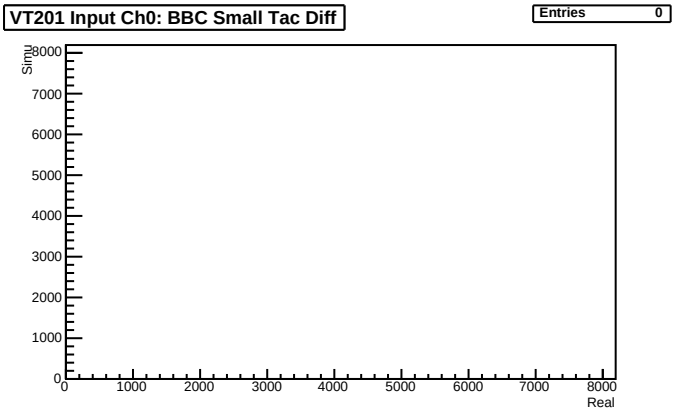

zdcWestTac
Entries 358792

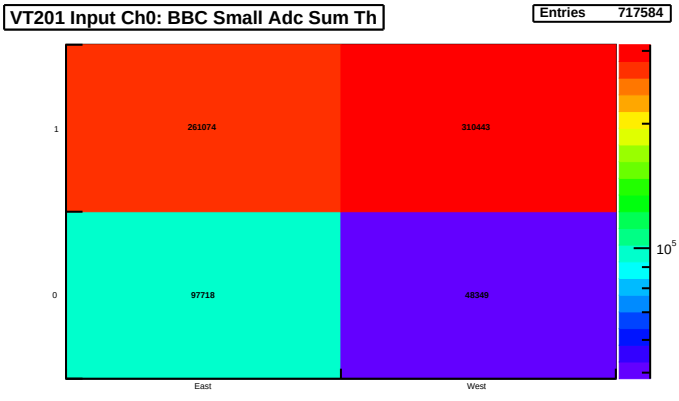

zdcWestTacVsSimu
Entries 2517
Data
Simu

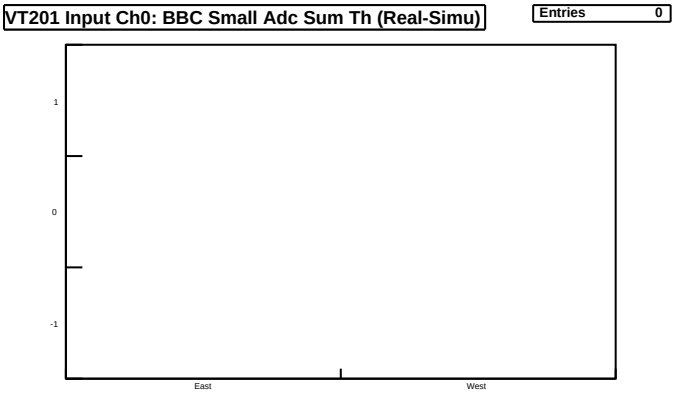

zdcAdcSum
Entries 4305504
34635
4625
19
15
7
7
84011
5976
67
58
42
37
324157
354167
358773
358777
358785
358785
274781
352816
358725
358734
358750
358755
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

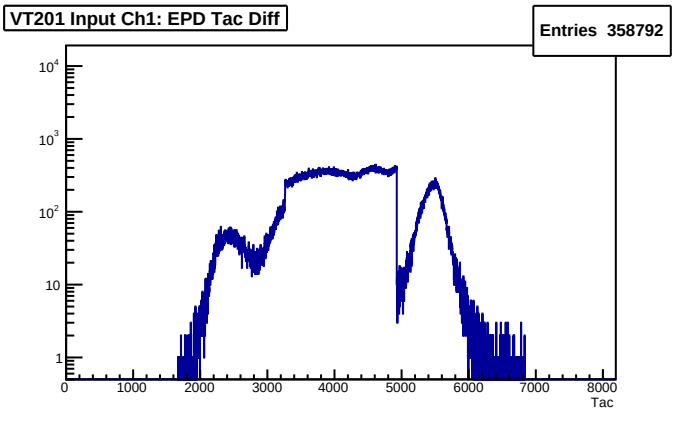

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

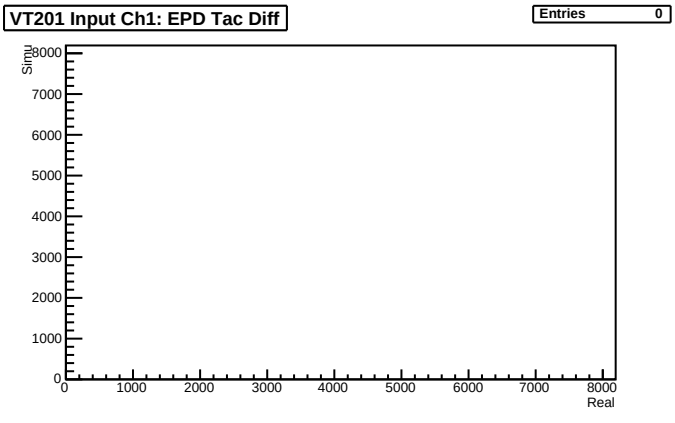

VT201 Input Ch0: BBC Small Tac Diff
Entries 358792
Tac

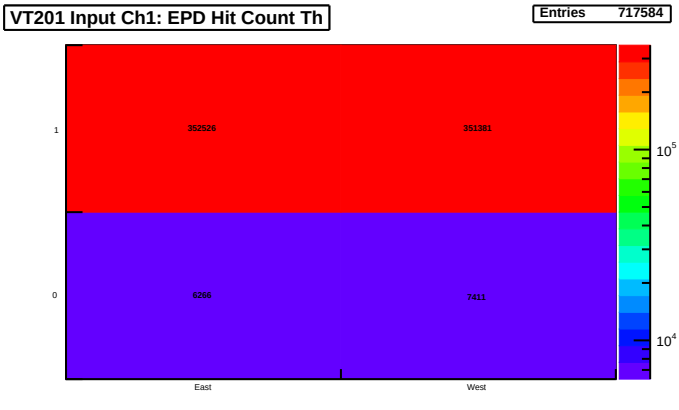

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

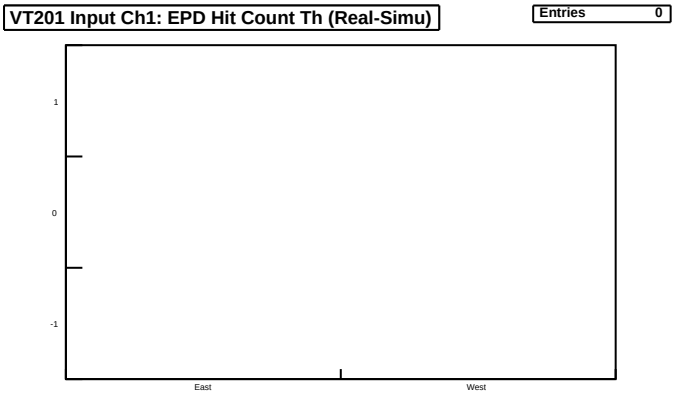

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 717584
261074
310443
97718
48349
East
West

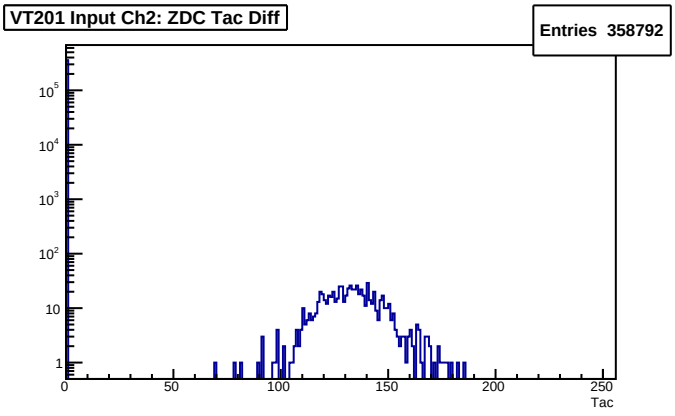

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

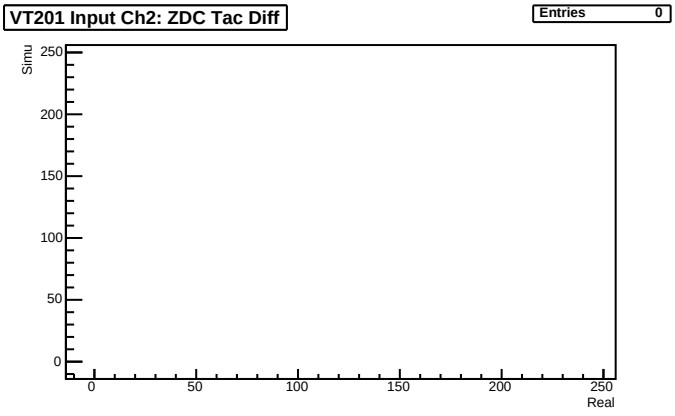

VT201 Input Ch1: EPD Tac Diff
Entries 358792
Tac

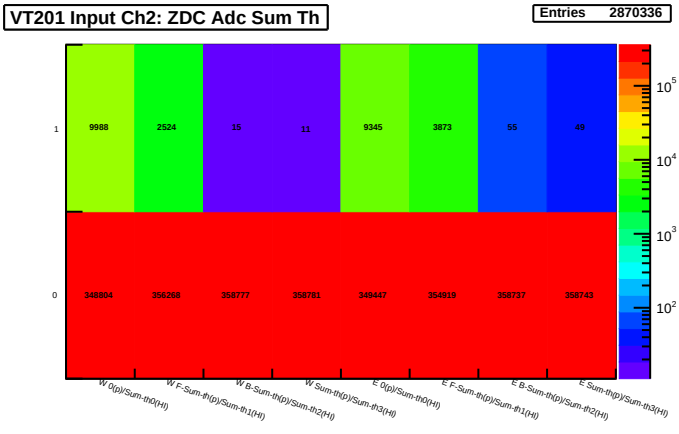

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

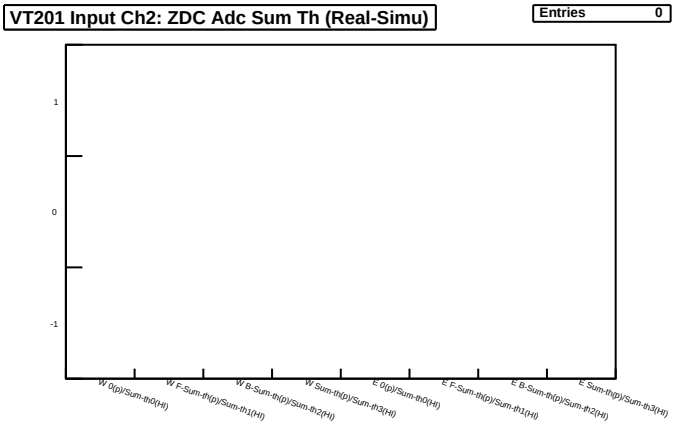

VT201 Input Ch1: EPD Hit Count Th
Entries 717584
352526
351381
6266
7411
East
West

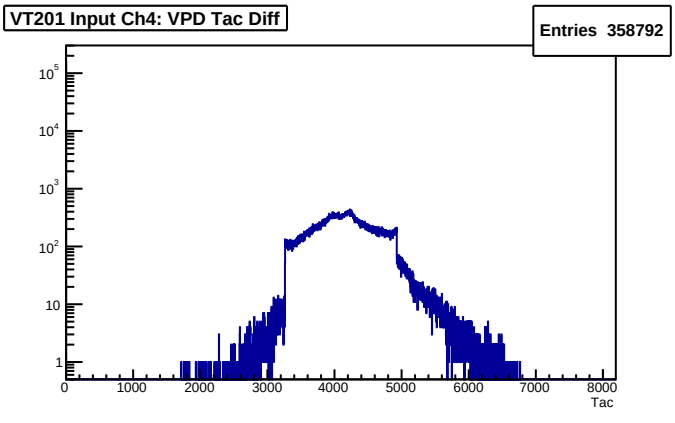

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

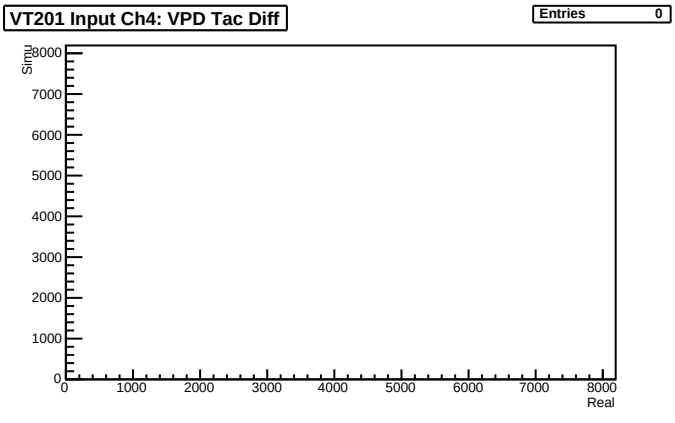

VT201 Input Ch2: ZDC Tac Diff
Entries 358792
Tac

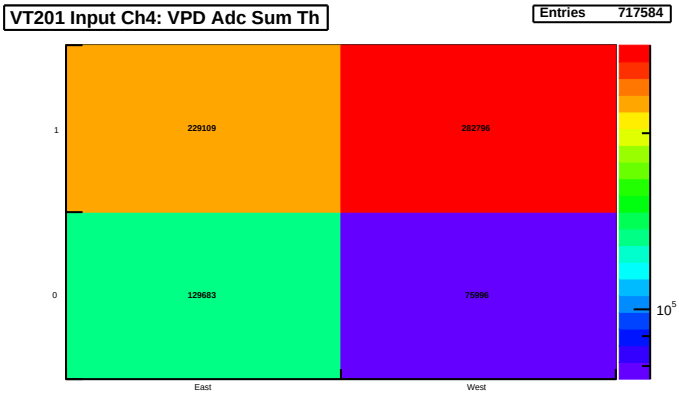

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

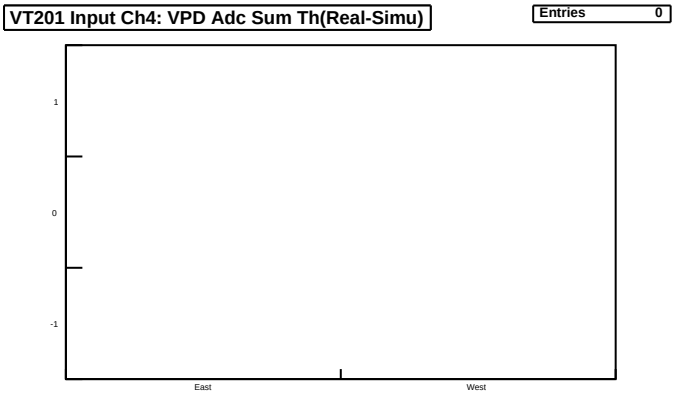

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2870336
9988
2524
15
11
9345
3873
55
49
348804
356268
358777
358781
349447
354919
358737
358743
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

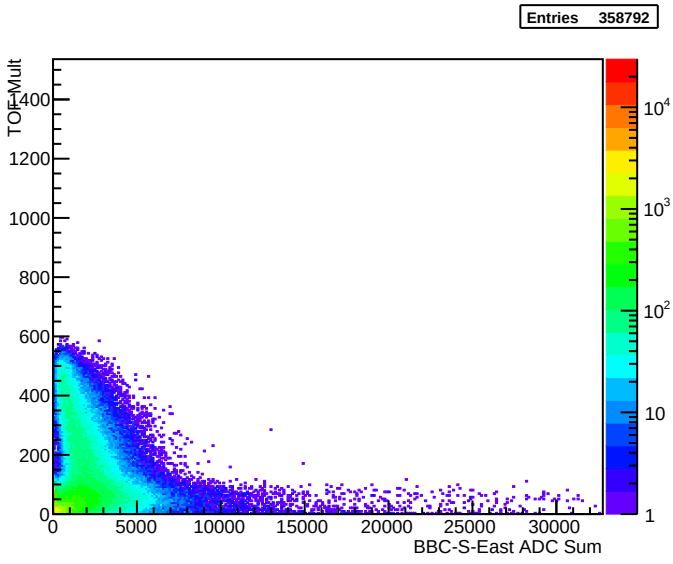

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

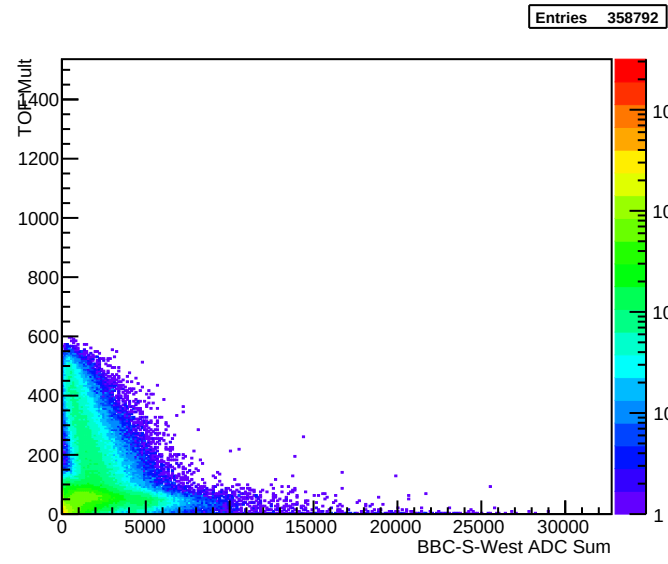

VT201 Input Ch4: VPD Tac Diff
Entries 358792
Tac

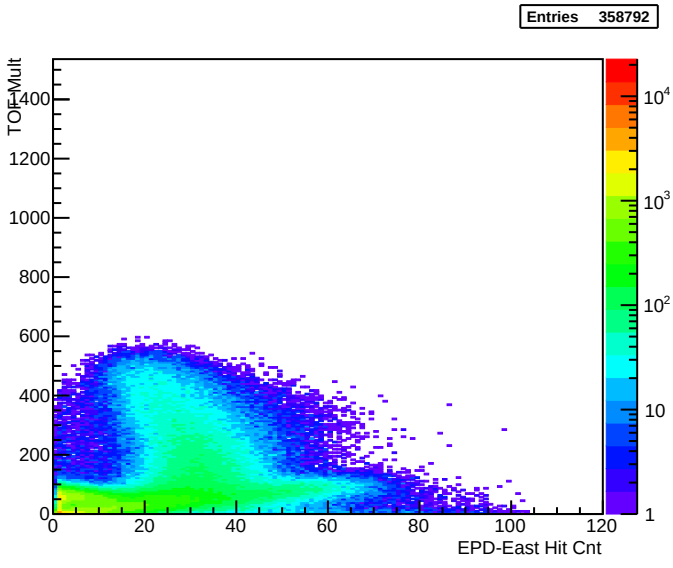

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

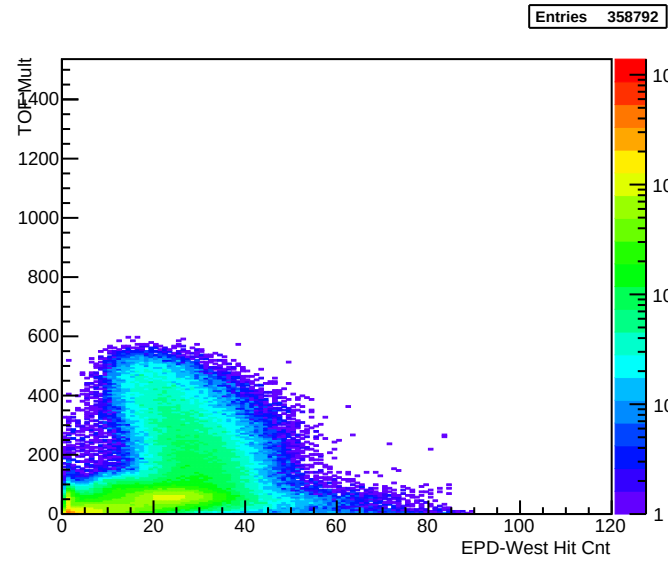

VT201 Input Ch4: VPD Adc Sum Th
Entries 717584
229109
282796
129683
75996
East
West

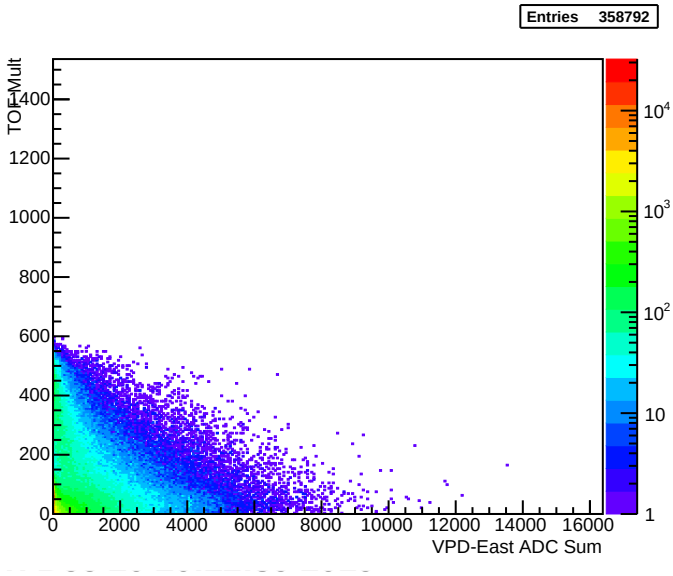

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

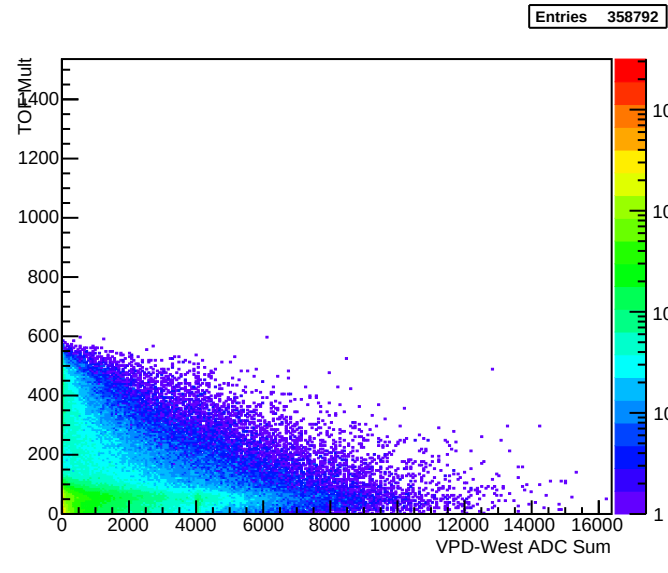

Entries 358792
TOF-Mult
BBC-S-East ADC Sum

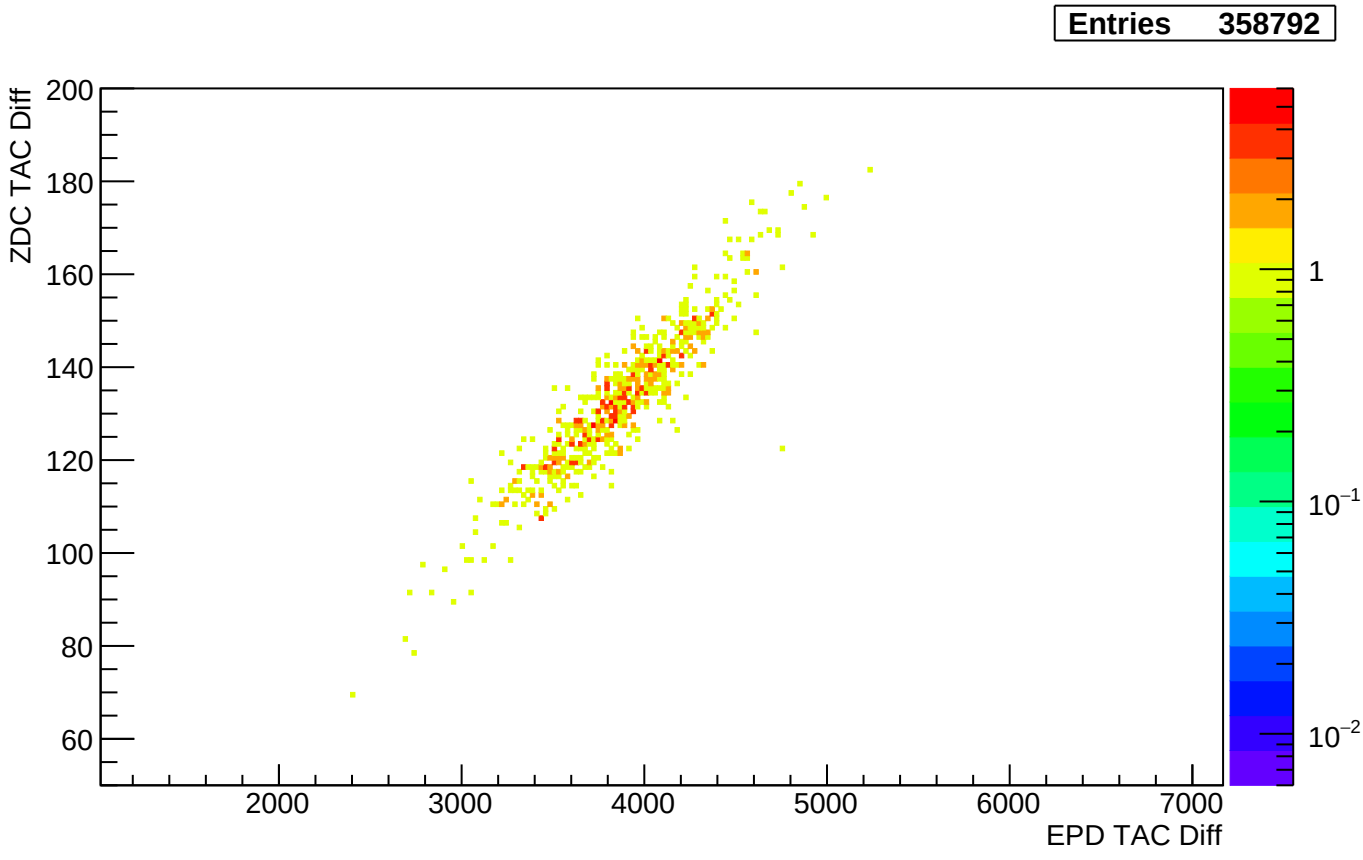

Entries 358792
TOF-Mult
BBC-S-West ADC Sum

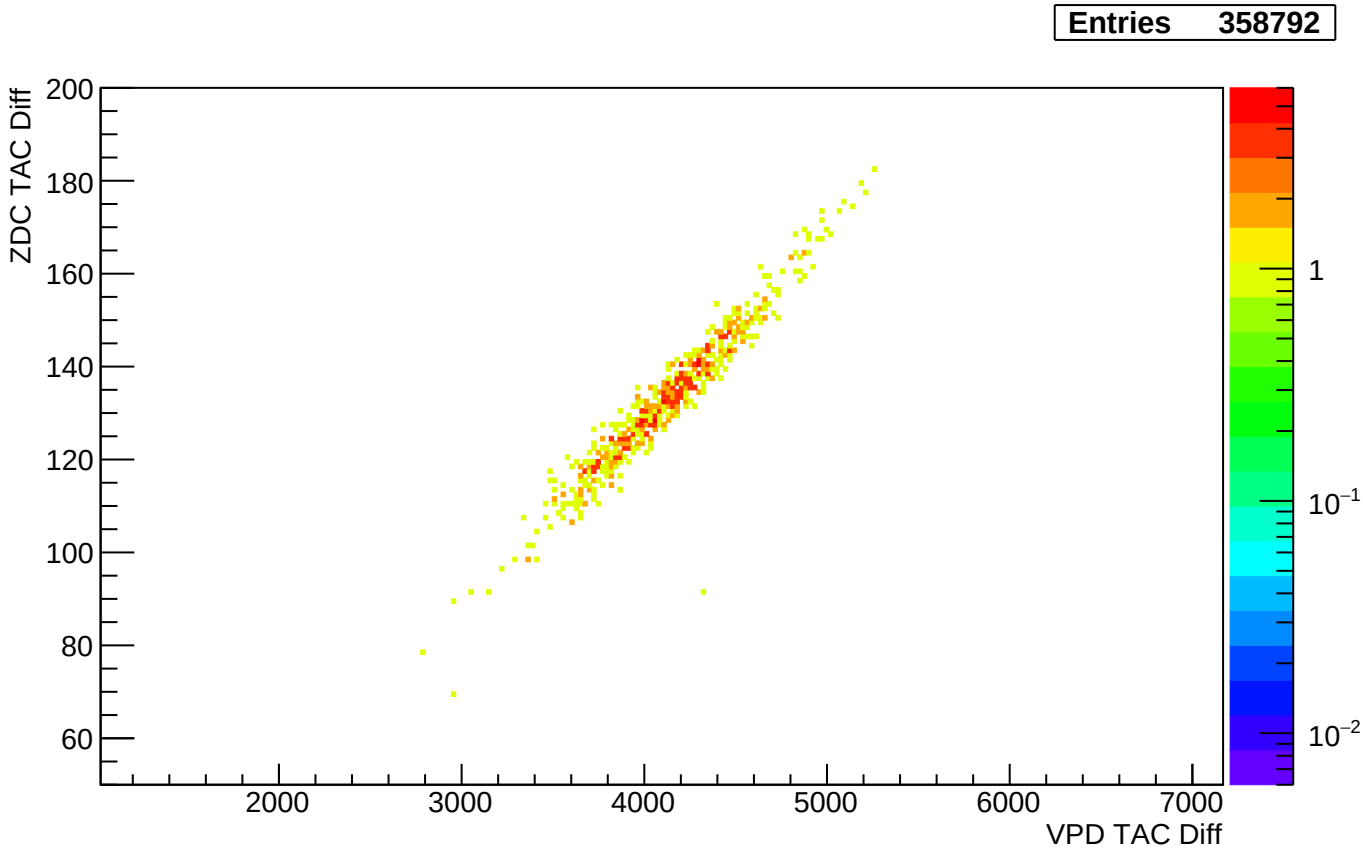

Entries 358792
TOF-Mult
EPD-East Hit Cnt

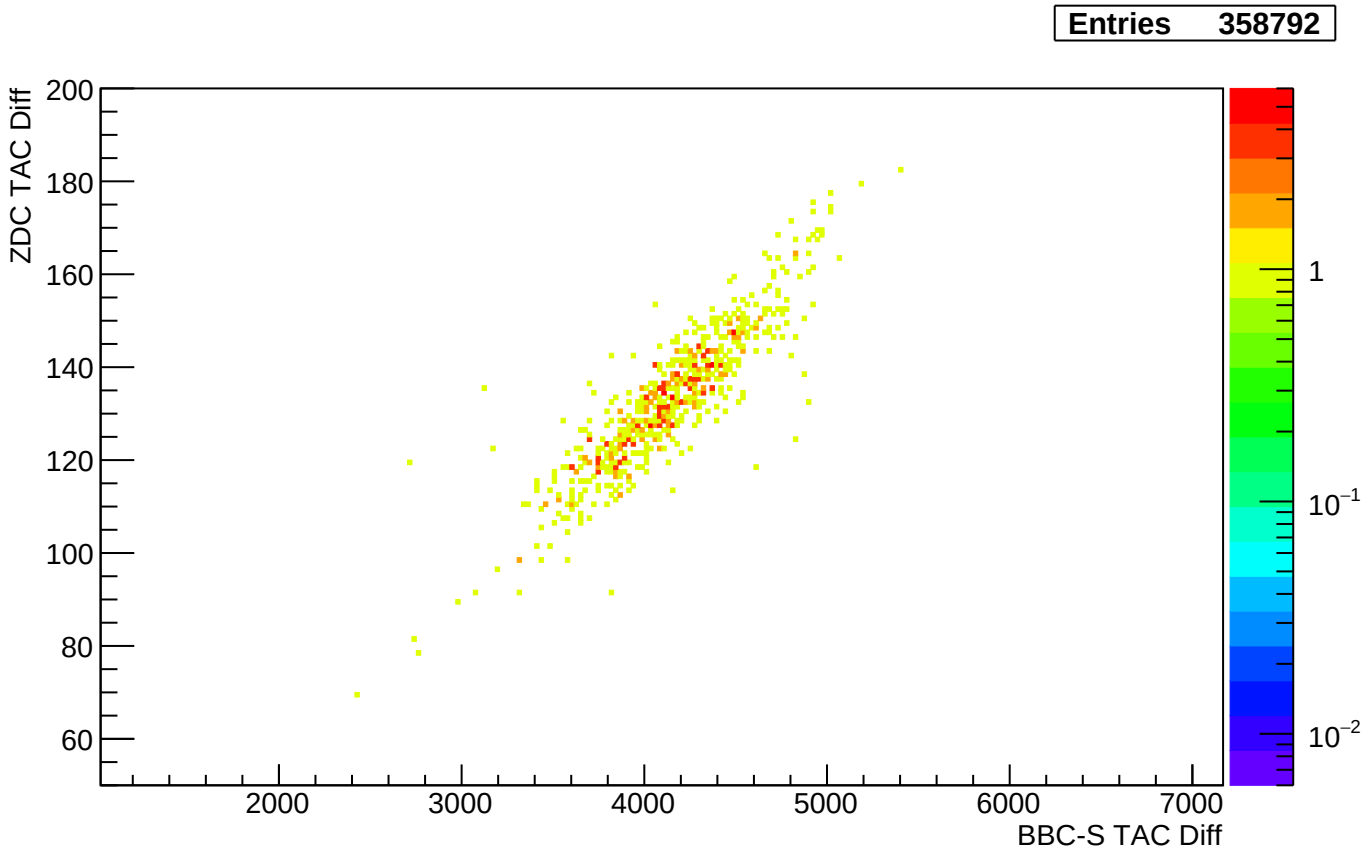

Entries 358792
TOF-Mult
EPD-West Hit Cnt

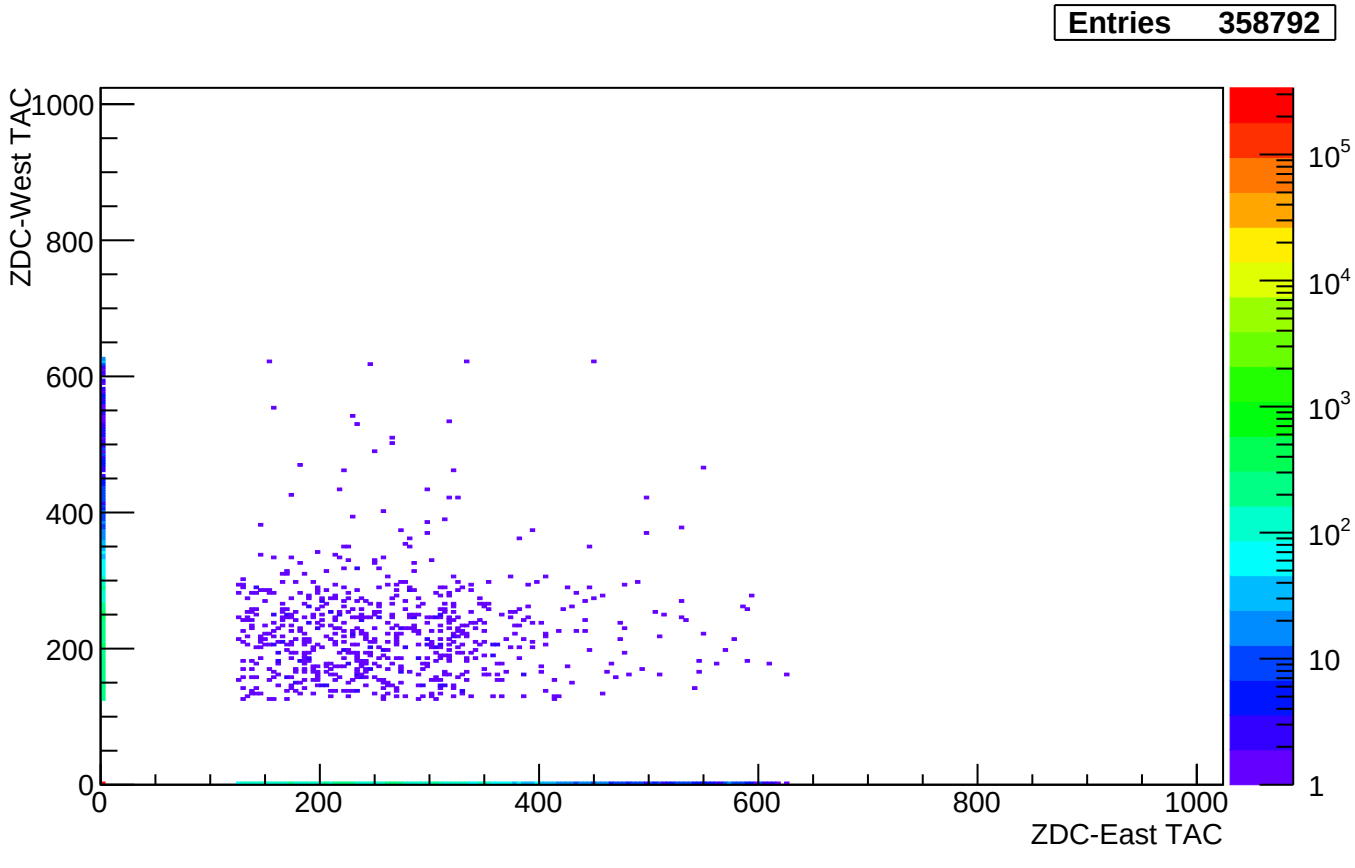

Entries 358792
TOF-Mult
VPD-East ADC Sum

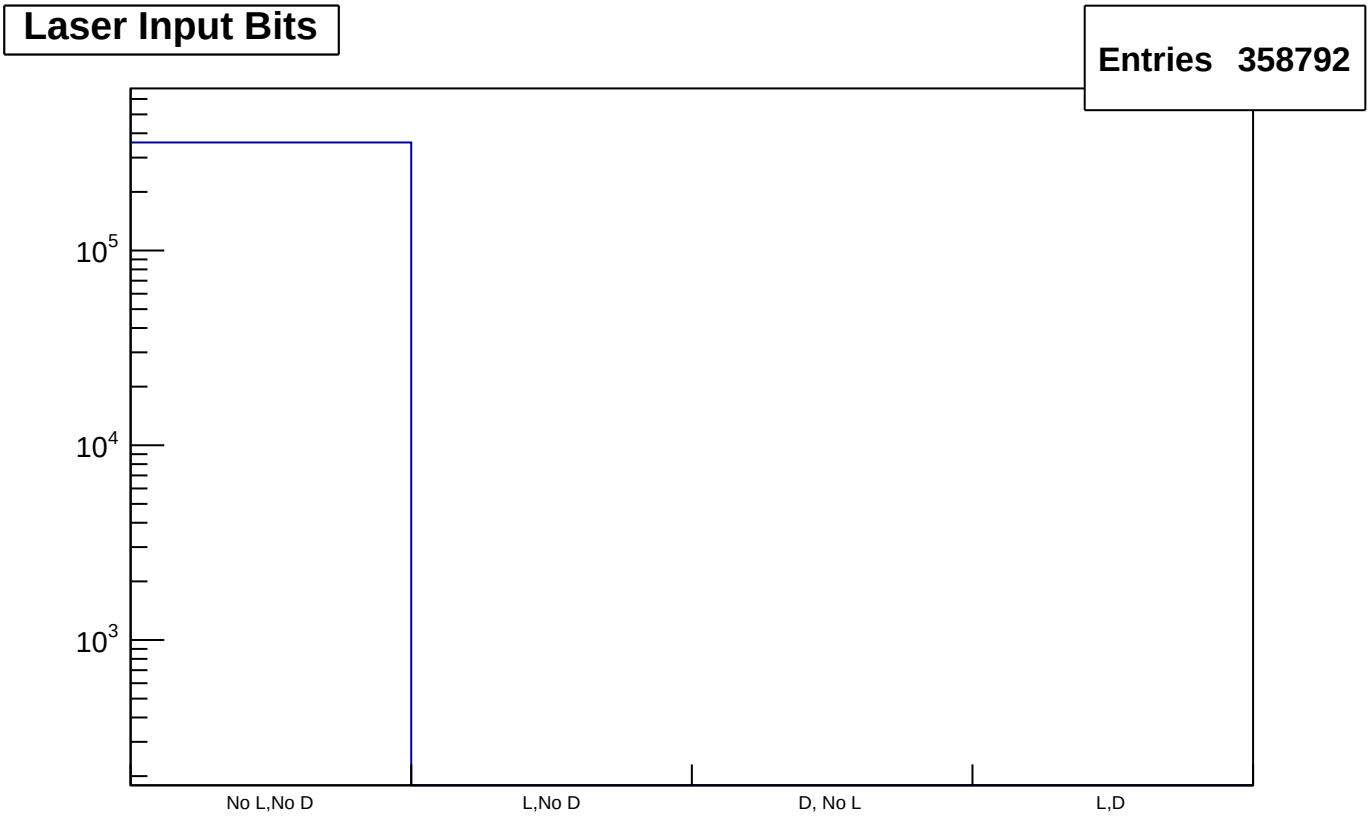

Entries 358792
TOF-Mult
VPD-West ADC Sum

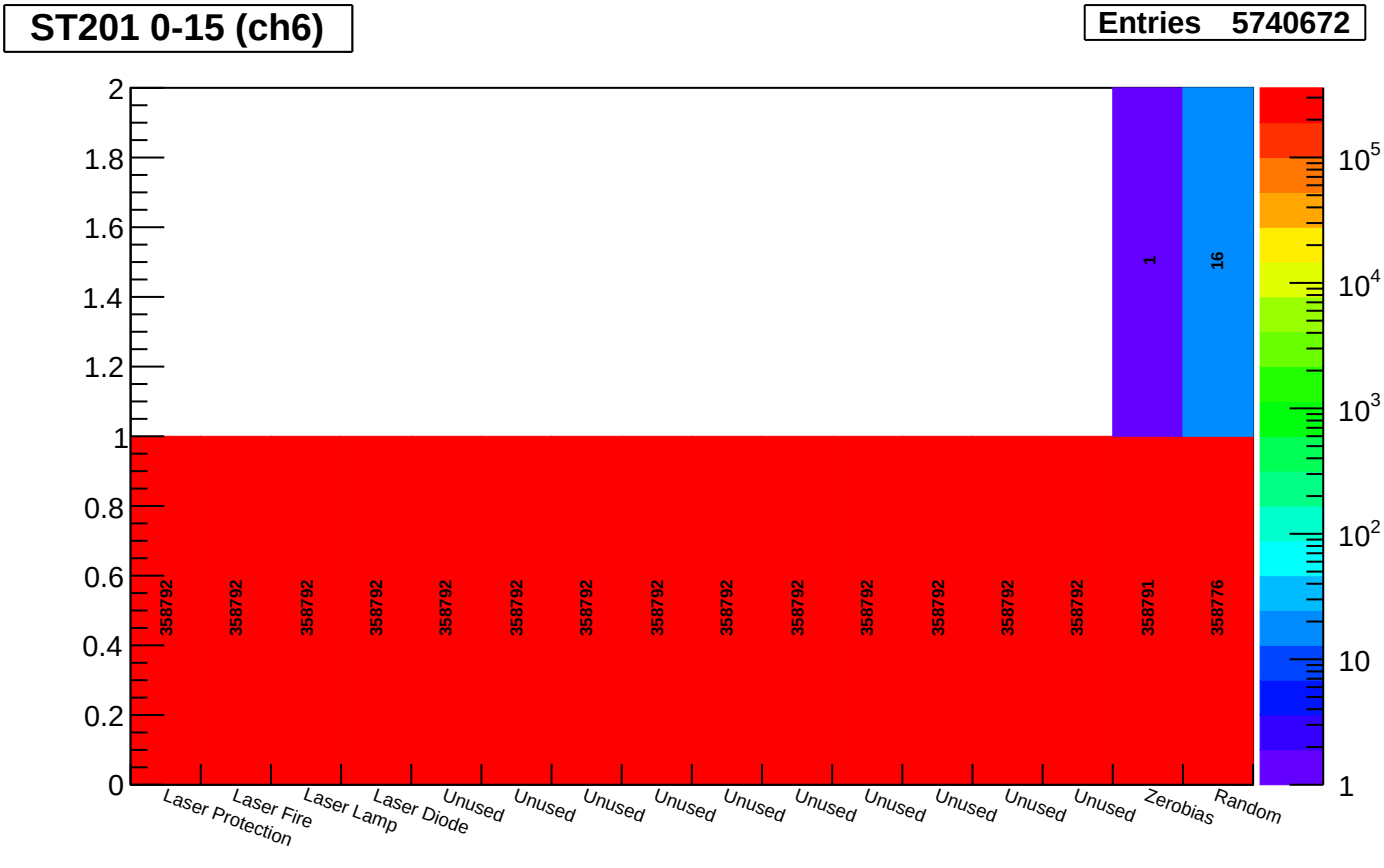

Entries 358792
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

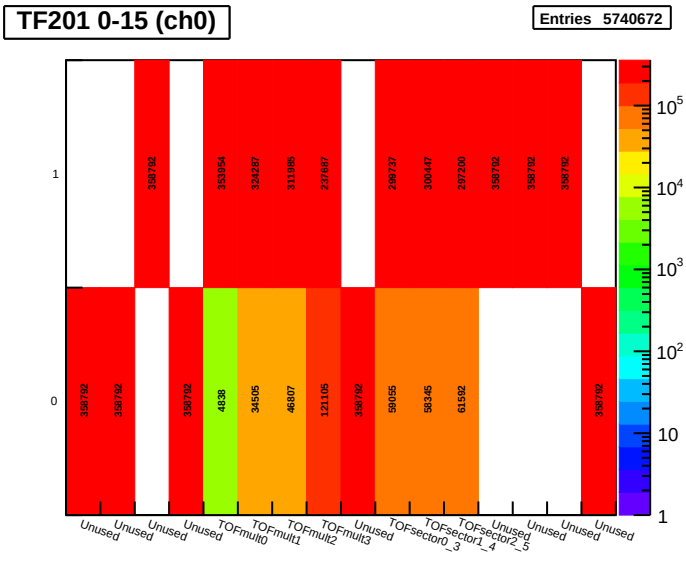

Entries 358792
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

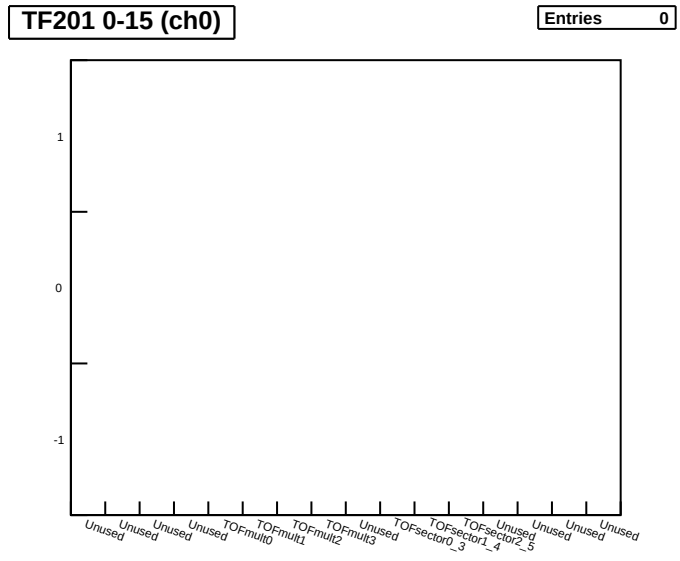

Entries 358792
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

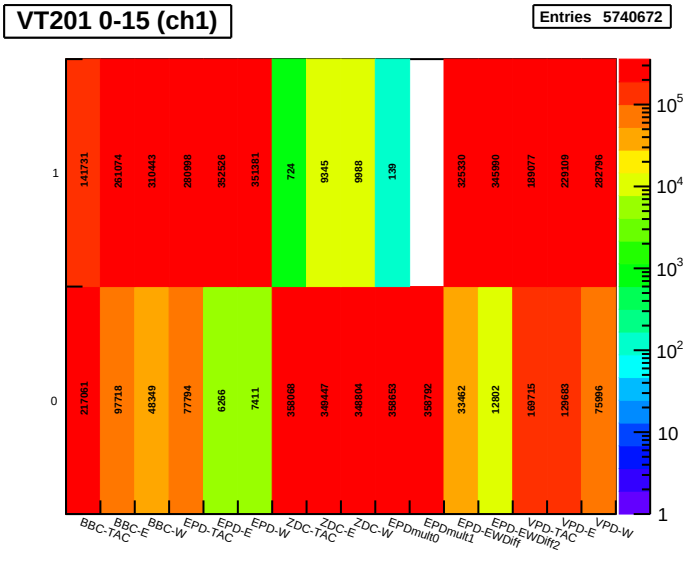

Entries 358792
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

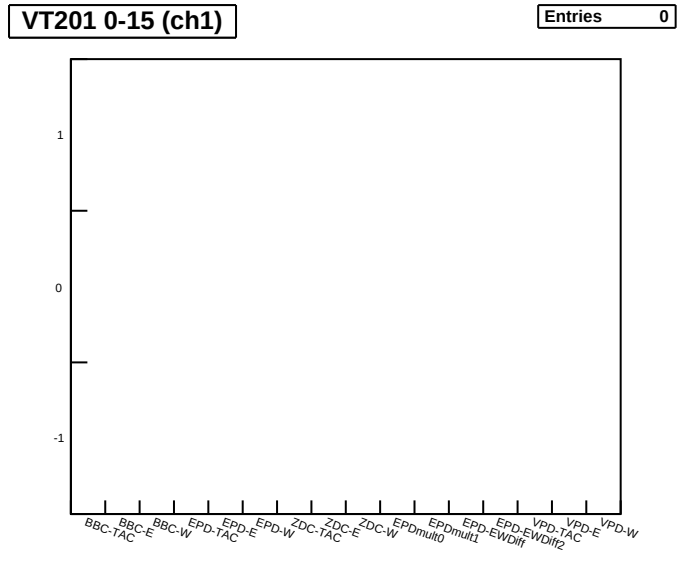

Laser Input Bits
Entries 358792
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

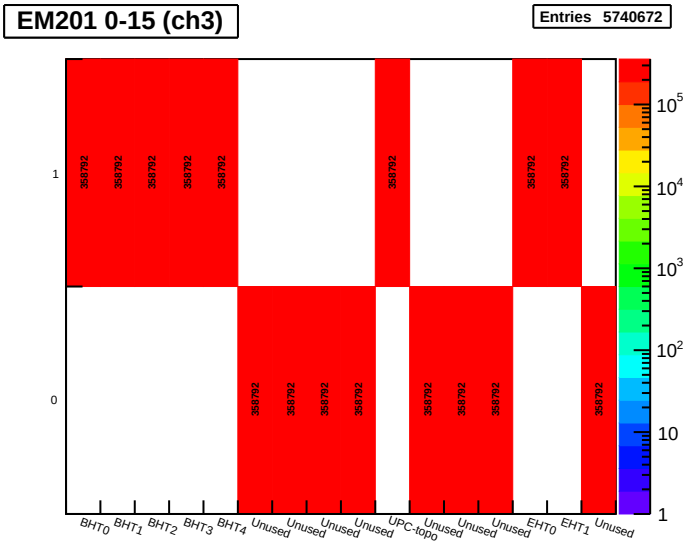

ST201 0-15 (ch6)
Entries 5740672
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
358792
358792
358792
358792
358792
358792
358792
358792
358792
358792
358792
358792
358792
358792
358791
358776
1
16
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

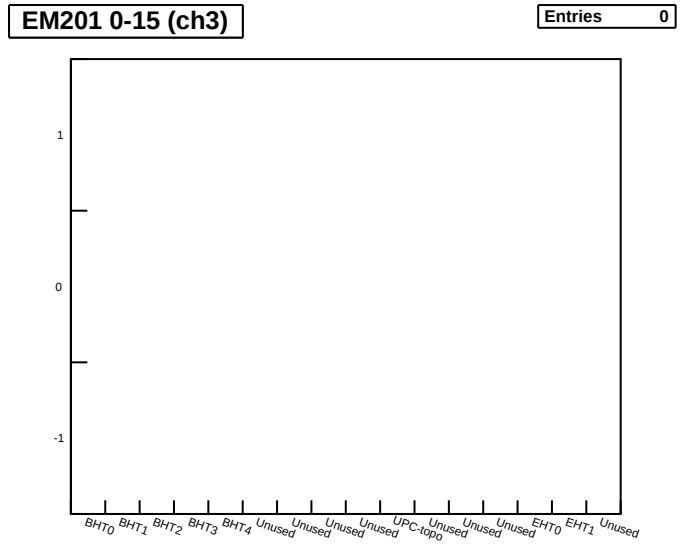

TF201 0-15 (ch0)
Entries 5740672
1
0
358792
353954
324287
311985
237687
299737
300447
297200
358792
358792
358792
358792
358792
358792
48338
34505
46807
121105
358792
59055
58345
61592
358792
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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


VT201 0-15 (ch1)
Entries 5740672
1
0
141731
261074
310443
280998
352526
351381
724
9345
9988
139
325330
345990
189077
229109
282796
217061
97718
48349
77794
6266
7411
358068
349447
348804
358653
358792
33462
12802
169715
129683
75996
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 5740672
1
0
358792
358792
358792
358792
358792
358792
358792
358792
358792
358792
358792
358792
358792
358792
358792
358792
358792
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