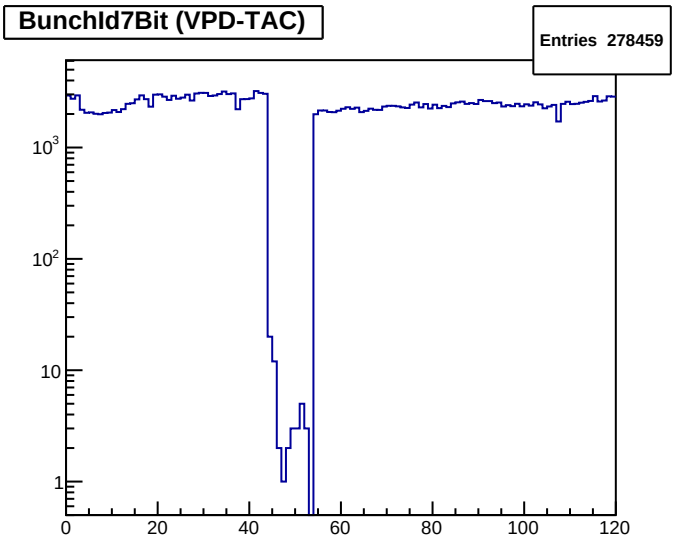
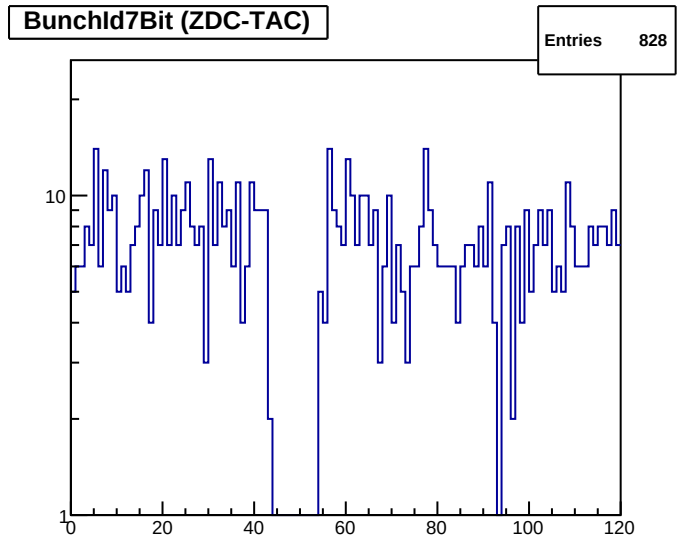
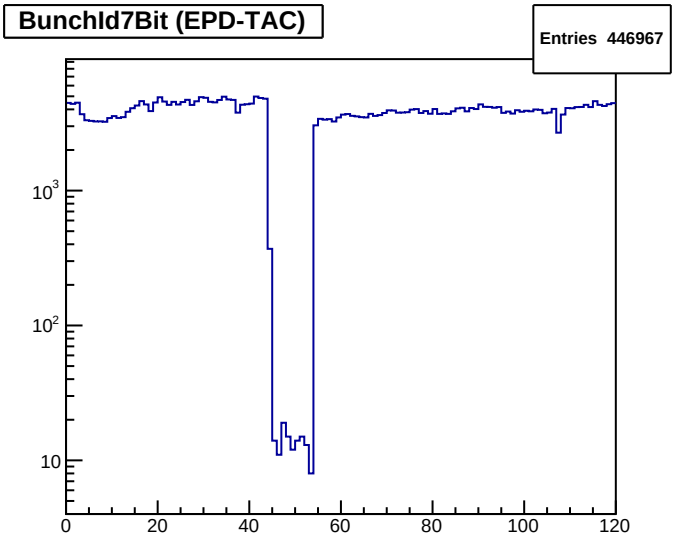
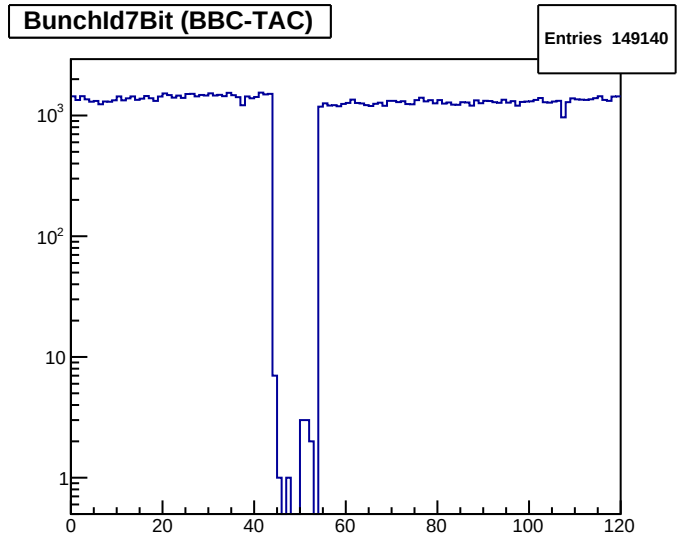
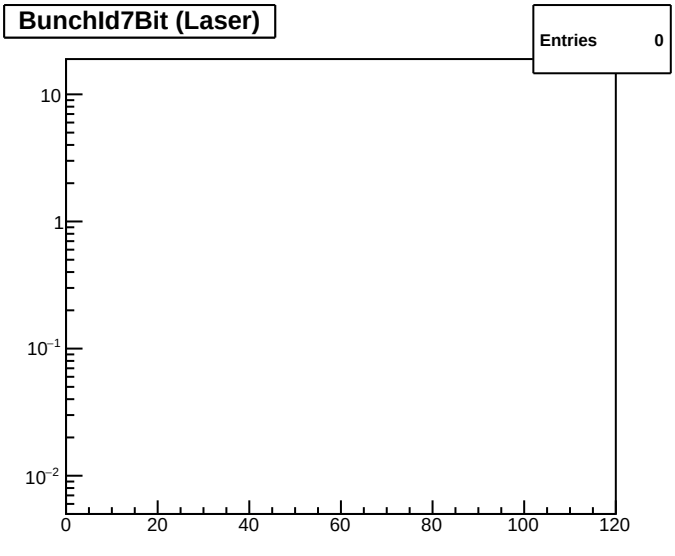
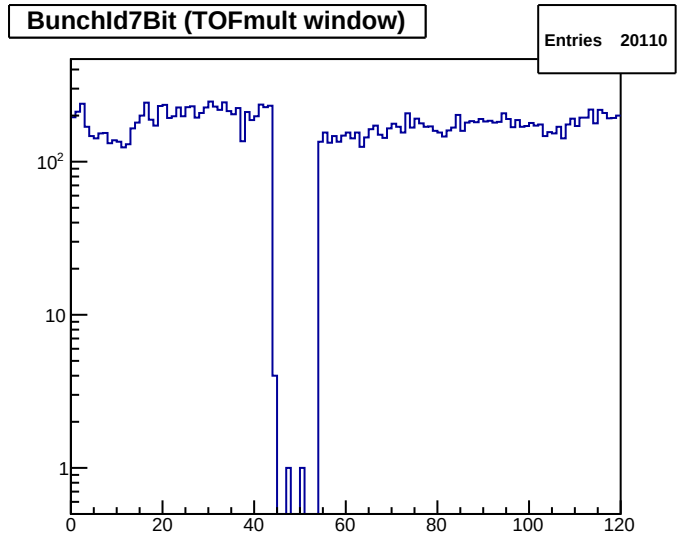

BunchId7Bit (VPD-TAC)
Entries 278459

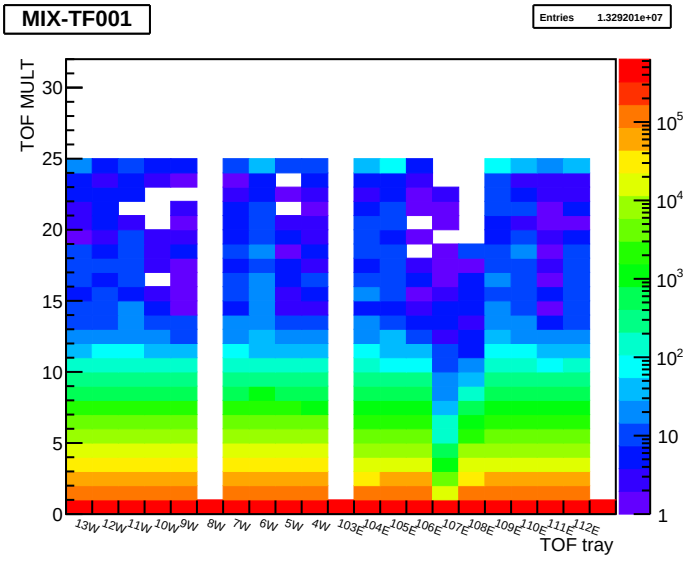

BunchId7Bit (ZDC-TAC)
Entries 828

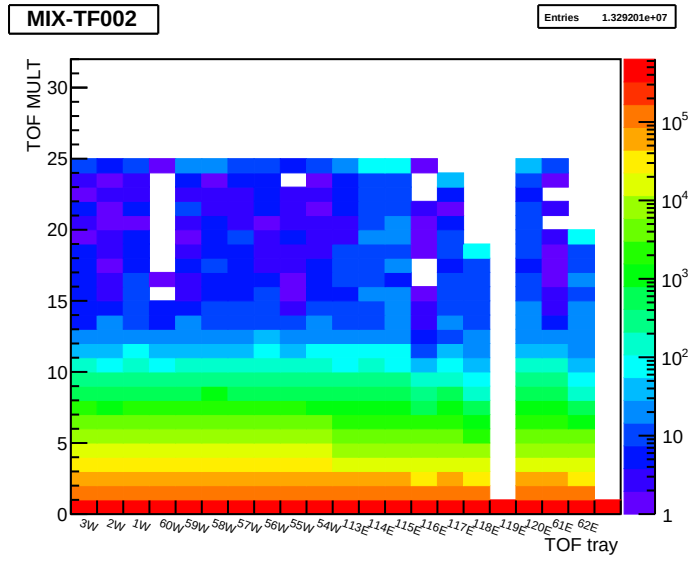

BunchId7Bit (EPD-TAC)
Entries 446967

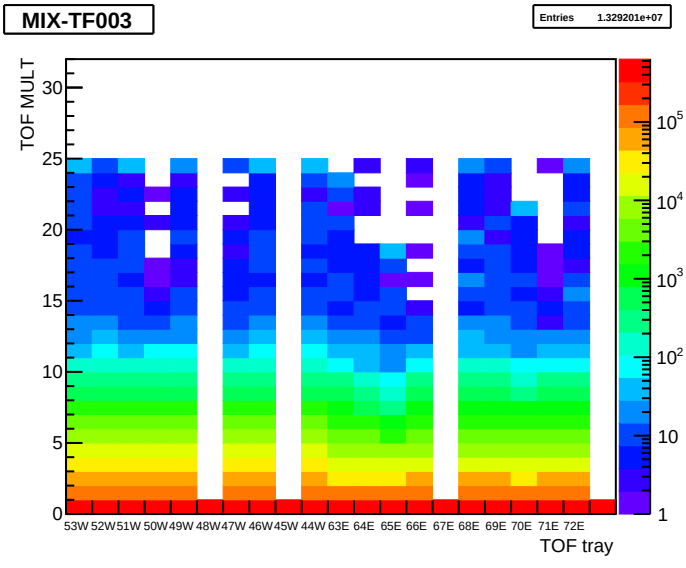

BunchId7Bit (BBC-TAC)
Entries 149140

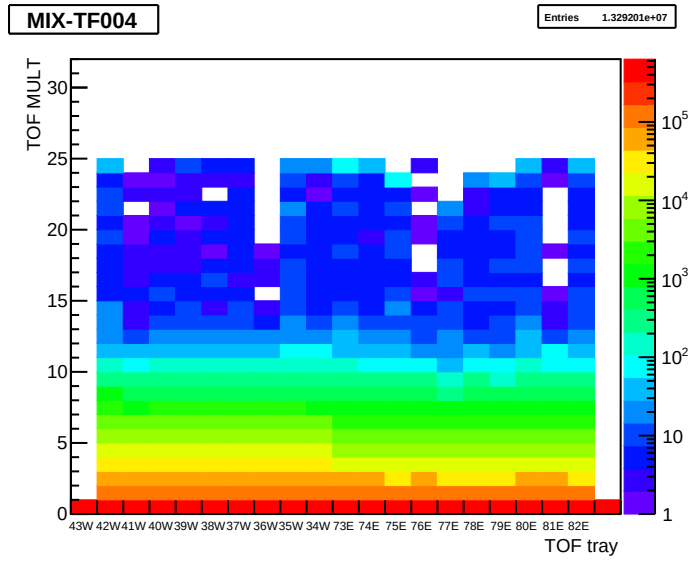

BunchId7Bit (Laser)
Entries 0

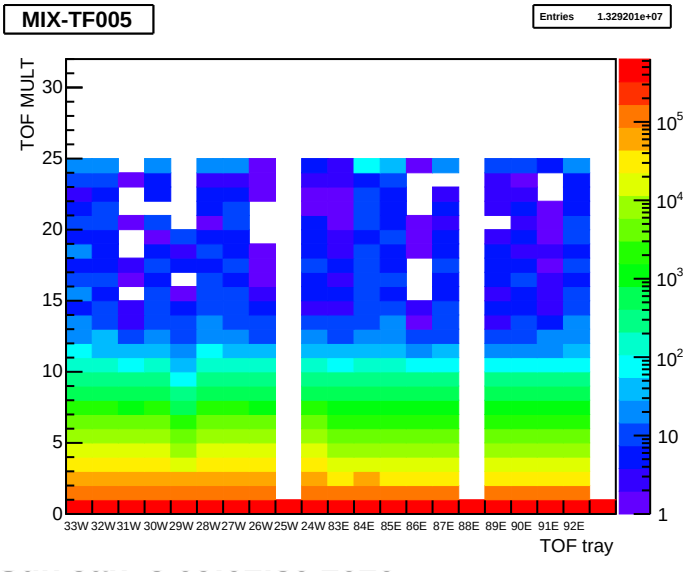

BunchId7Bit (TOFmult window)
Entries 20110

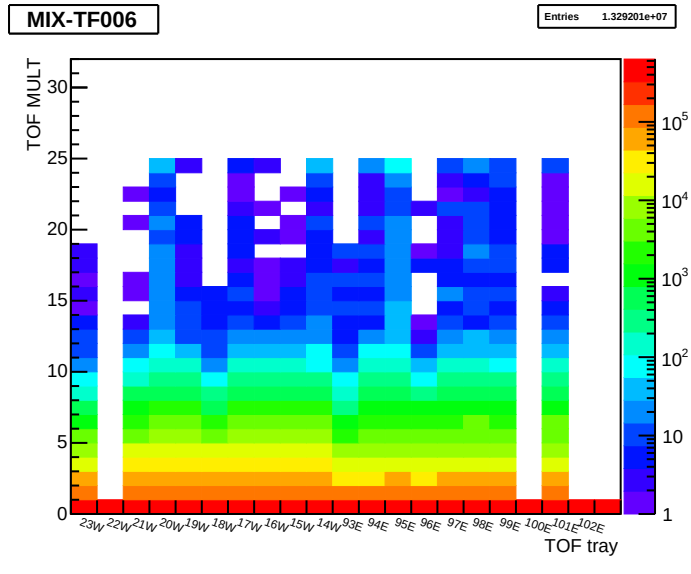

MIX-TF001
Entries 1.329201e+07
TOF MULT
TOF tray

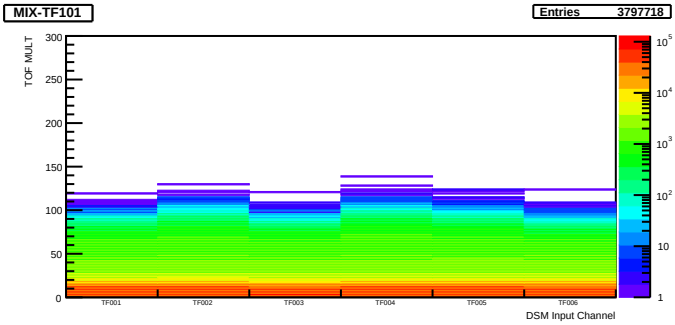

MIX-TF002
Entries 1.329201e+07
TOF MULT
TOF tray

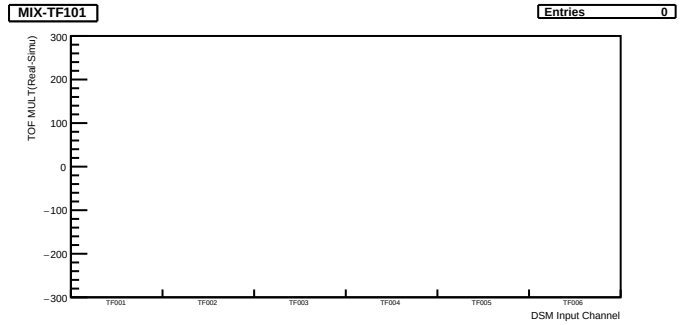

MIX-TF003
Entries 1.329201e+07
TOF MULT
TOF tray

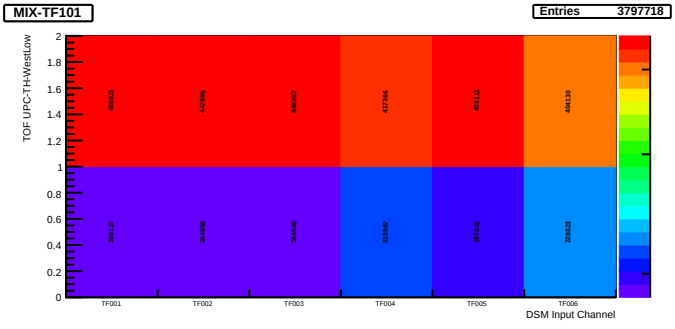

MIX-TF004
Entries 1.329201e+07
TOF MULT
TOF tray

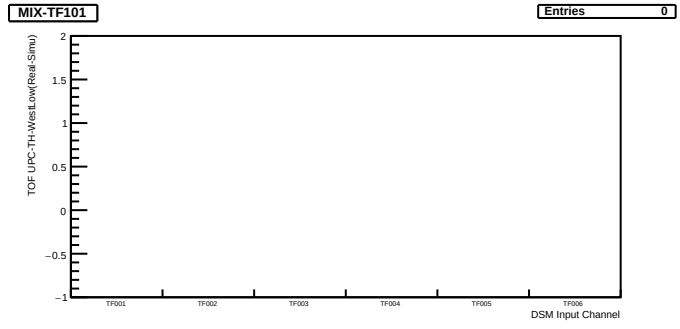

MIX-TF005
Entries 1.329201e+07
TOF MULT
TOF tray

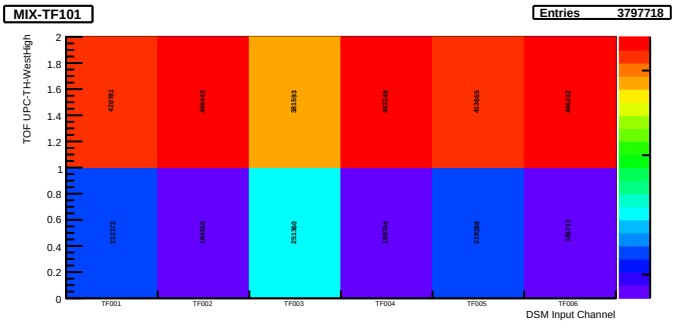

MIX-TF006
Entries 1.329201e+07
TOF MULT
TOF tray

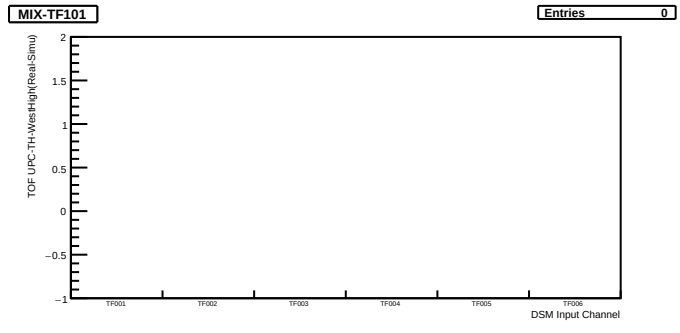

MIX-TF101
Entries 3797718
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

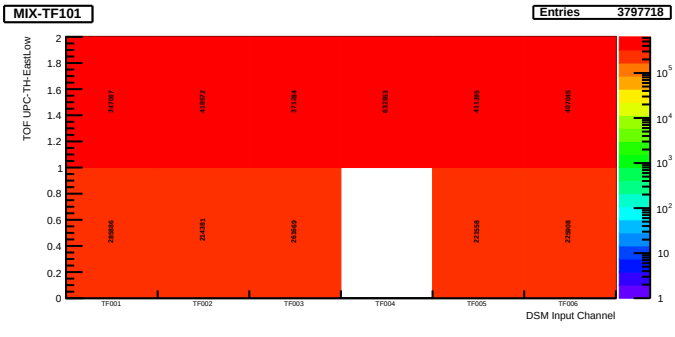

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

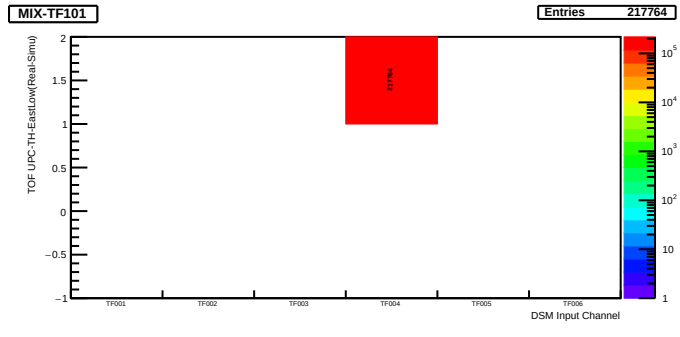

MIX-TF101
Entries 3797718
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

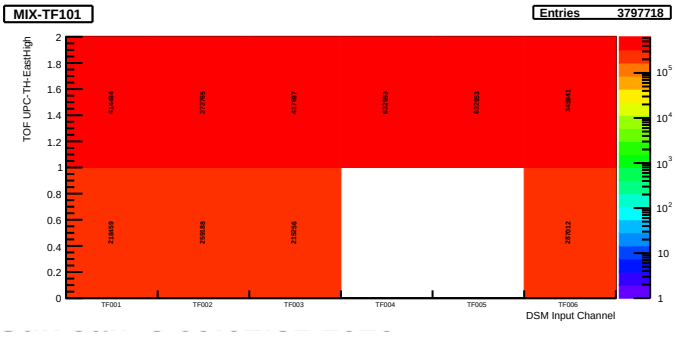

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

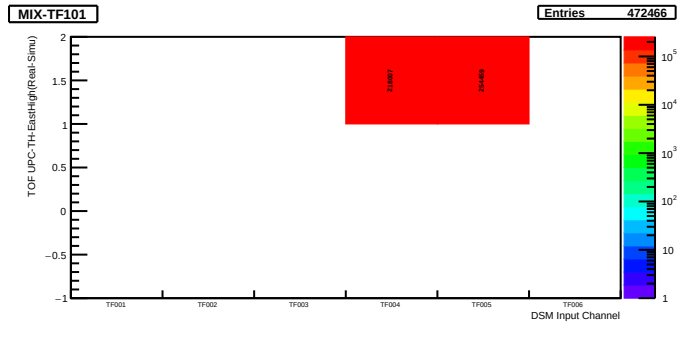

MIX-TF101
Entries 3797718
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

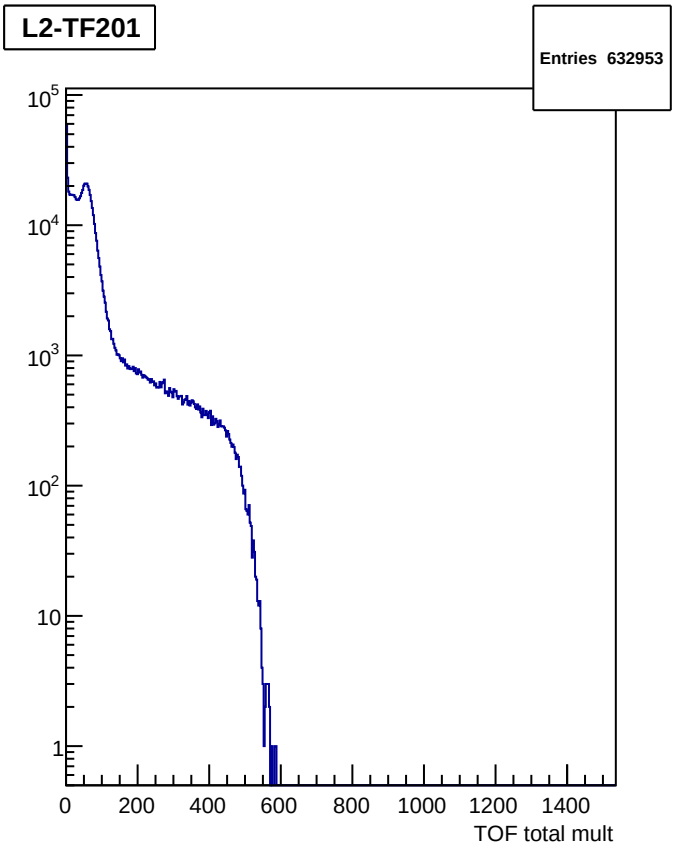

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

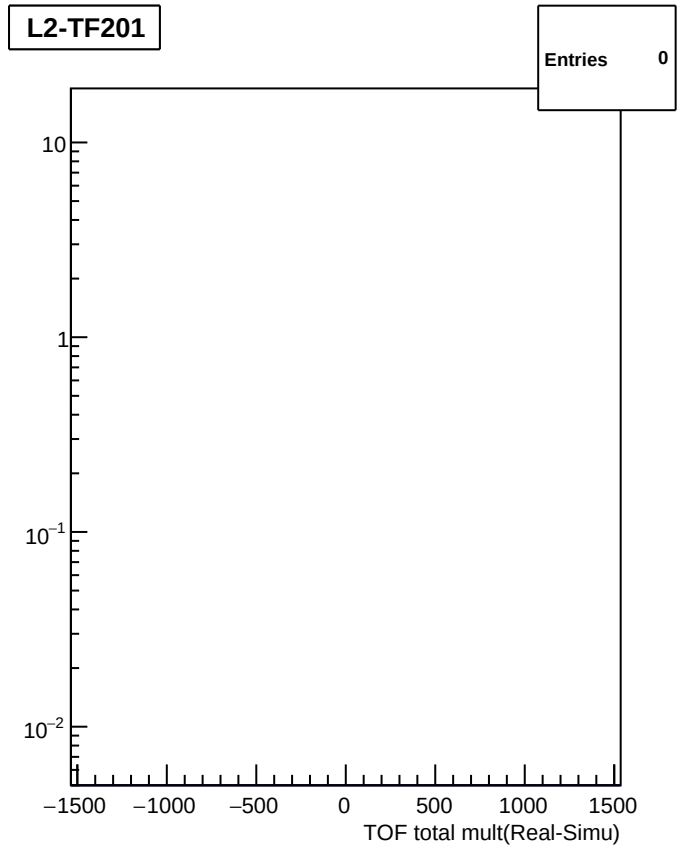

MIX-TF101
Entries 3797718
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

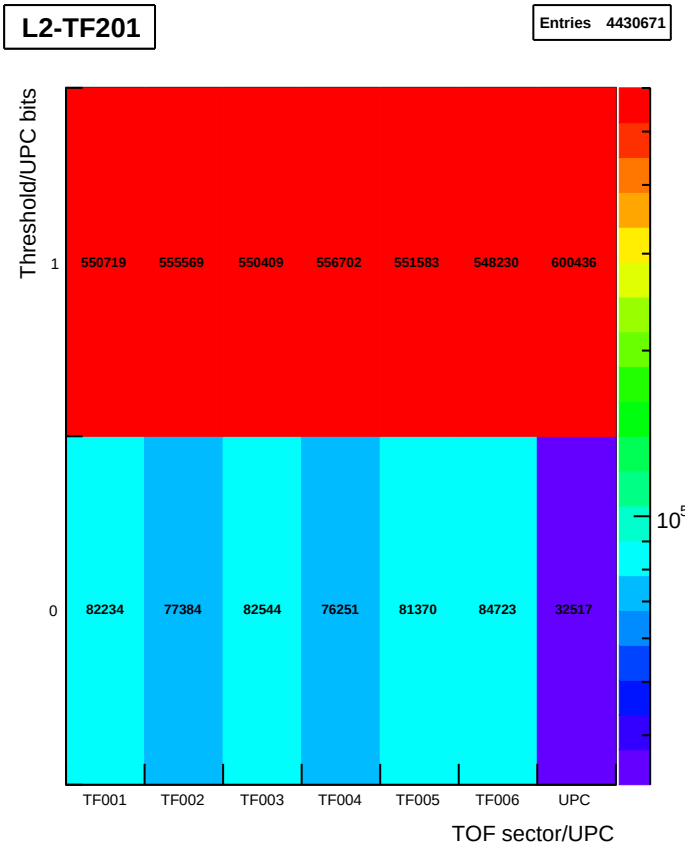

MIX-TF101
Entries 217764
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

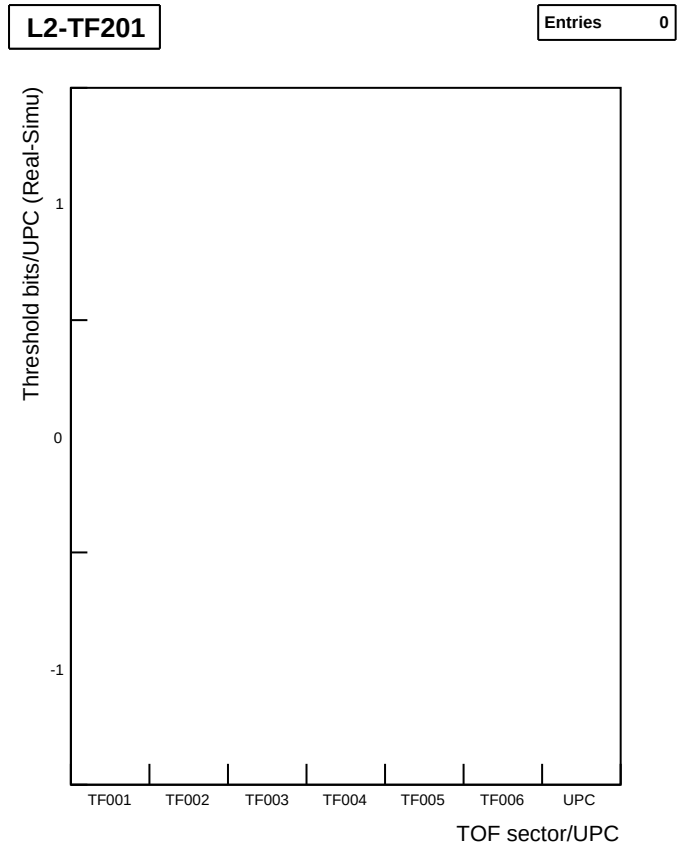

MIX-TF101
Entries 3797718
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

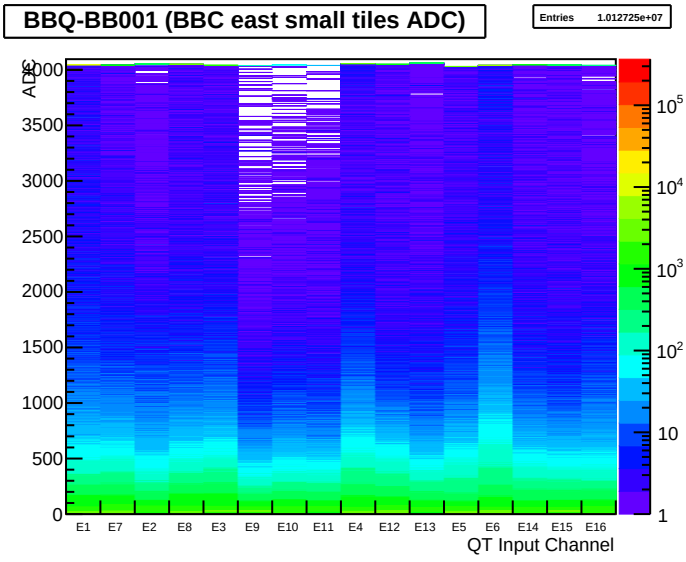

MIX-TF101
Entries 472466
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

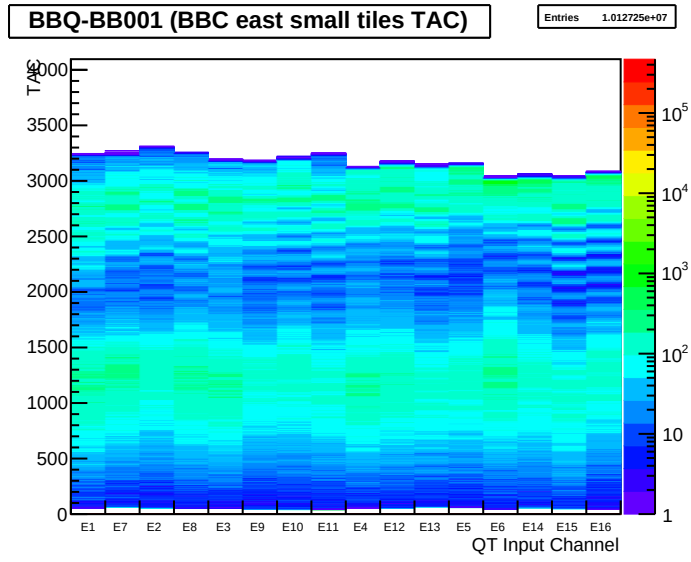

L2-TF201
Entries 632953
TOF total mult

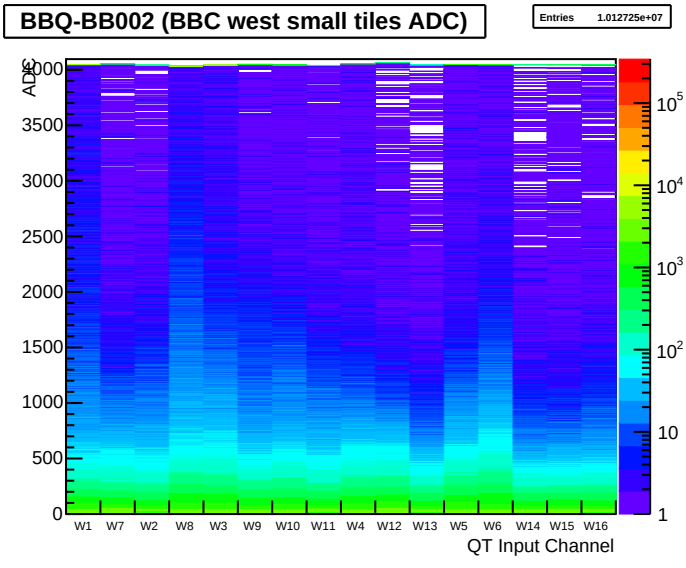

L2-TF201
Entries 0
TOF total mult(Real-Simu)

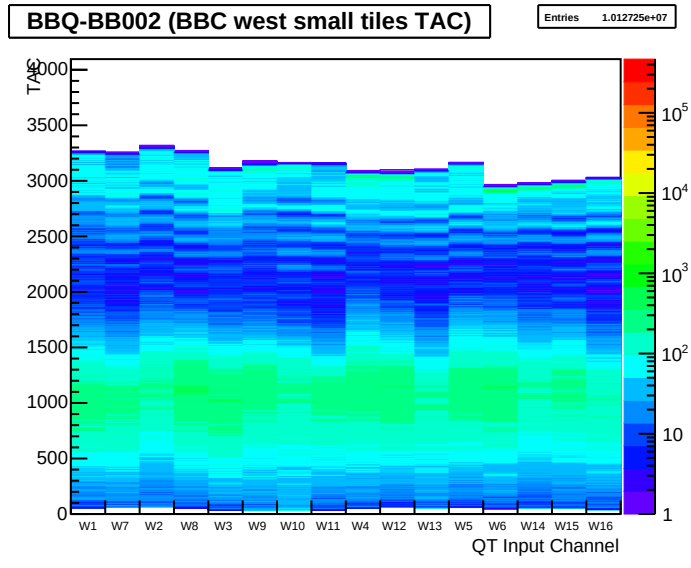

L2-TF201
Entries 4430671
Threshold/UPC bits
550719
555569
550409
556702
551583
548230
600436
82234
77384
82544
76251
81370
84723
32517
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

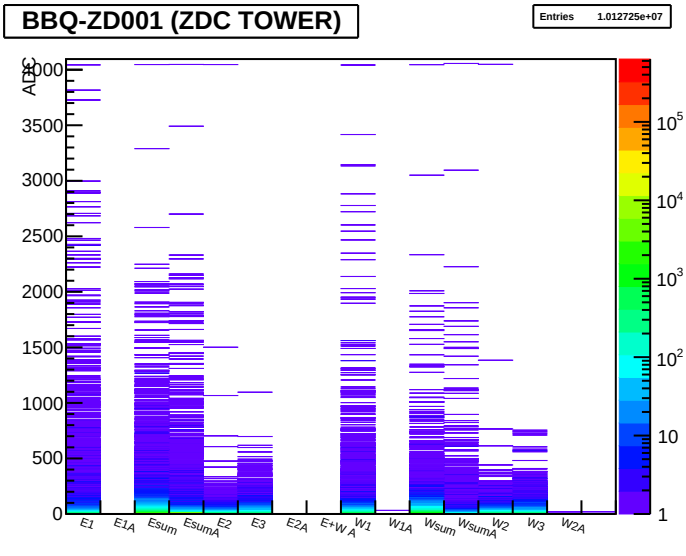

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

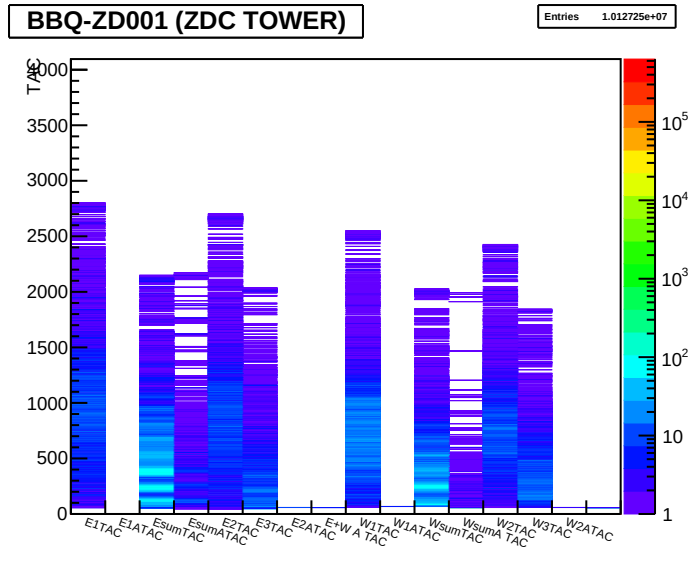

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.012725e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

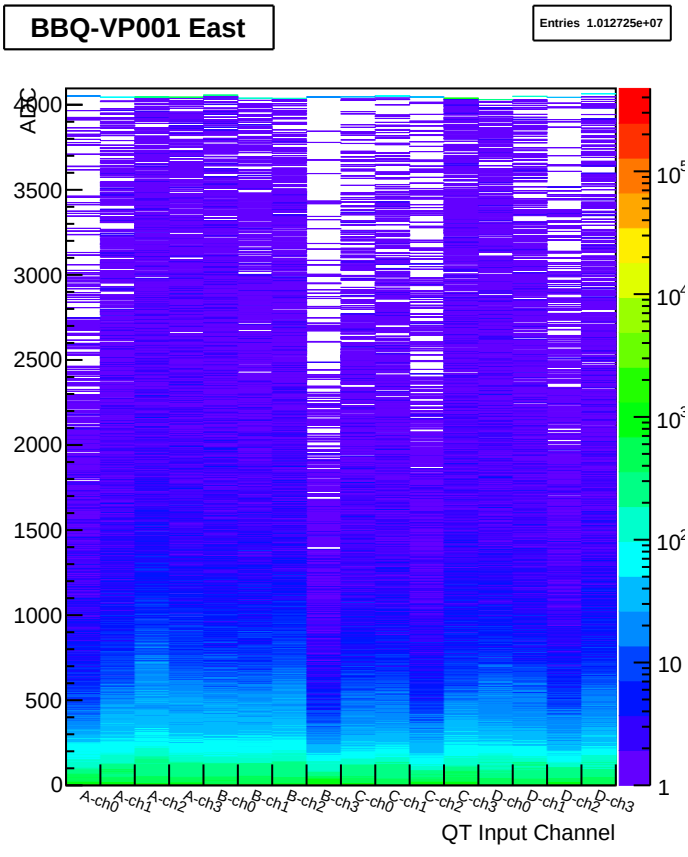

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.012725e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

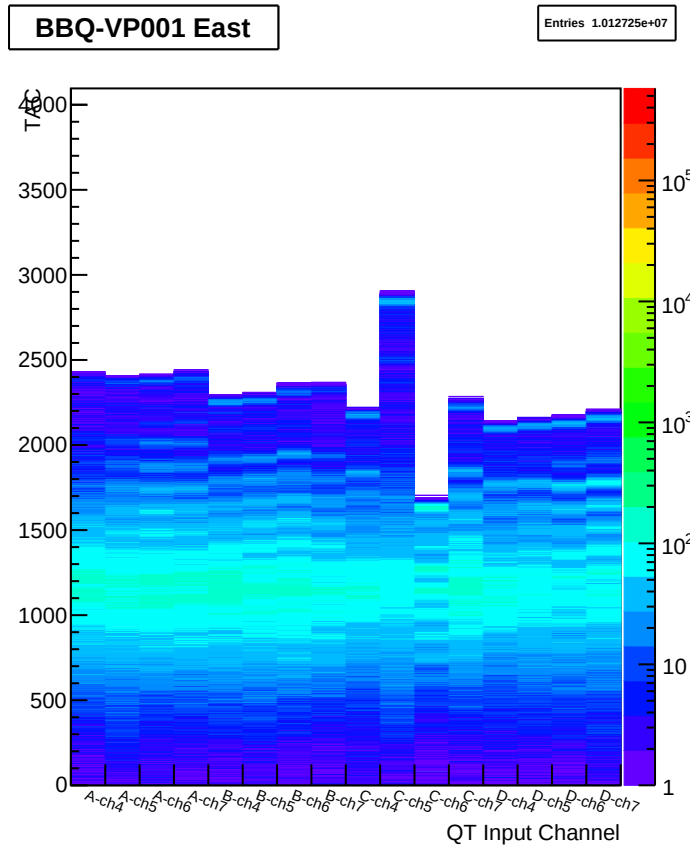

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.012725e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

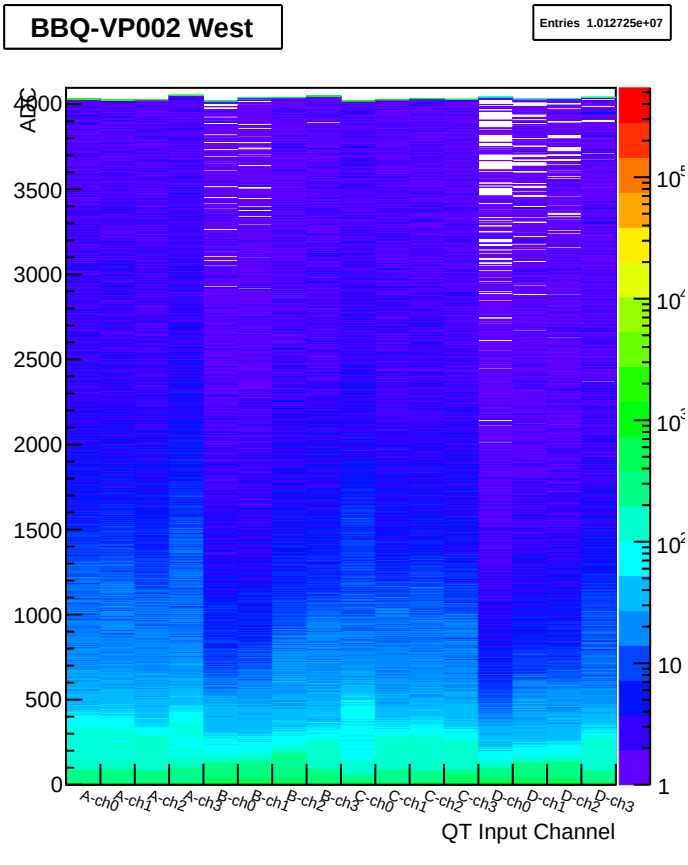

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.012725e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

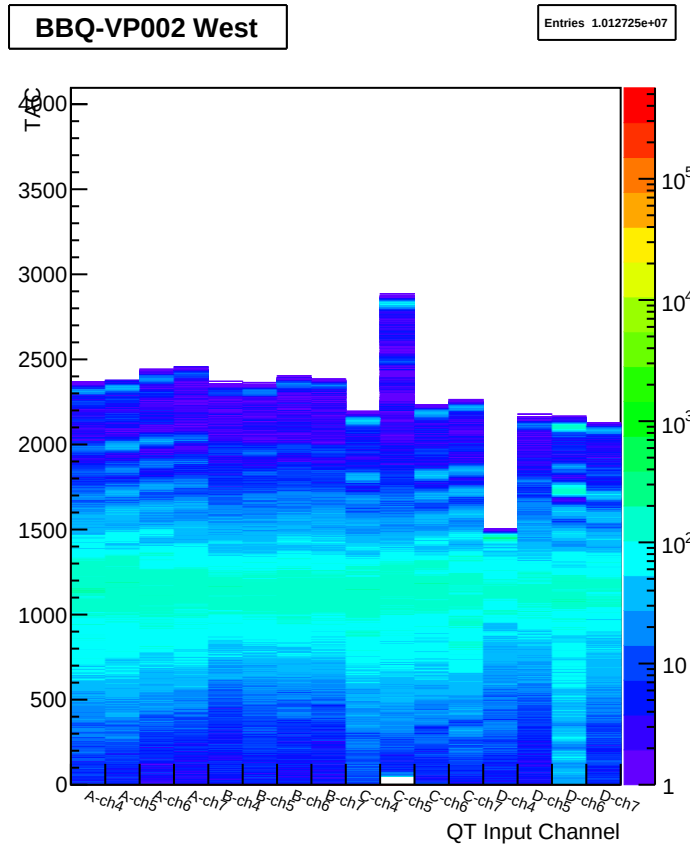

BBQ-ZD001 (ZDC TOWER)
Entries 1.012725e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

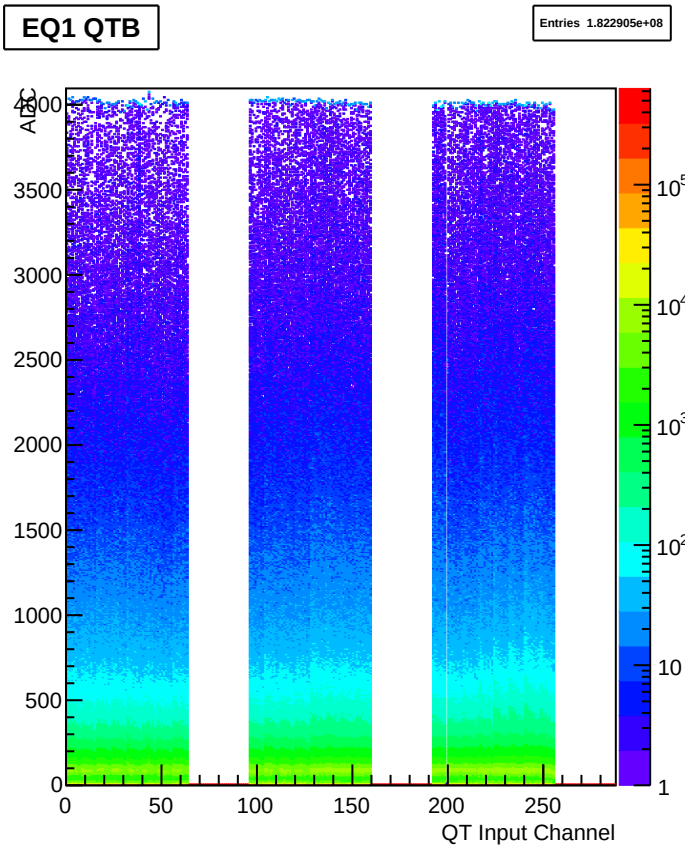

BBQ-ZD001 (ZDC TOWER)
Entries 1.012725e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

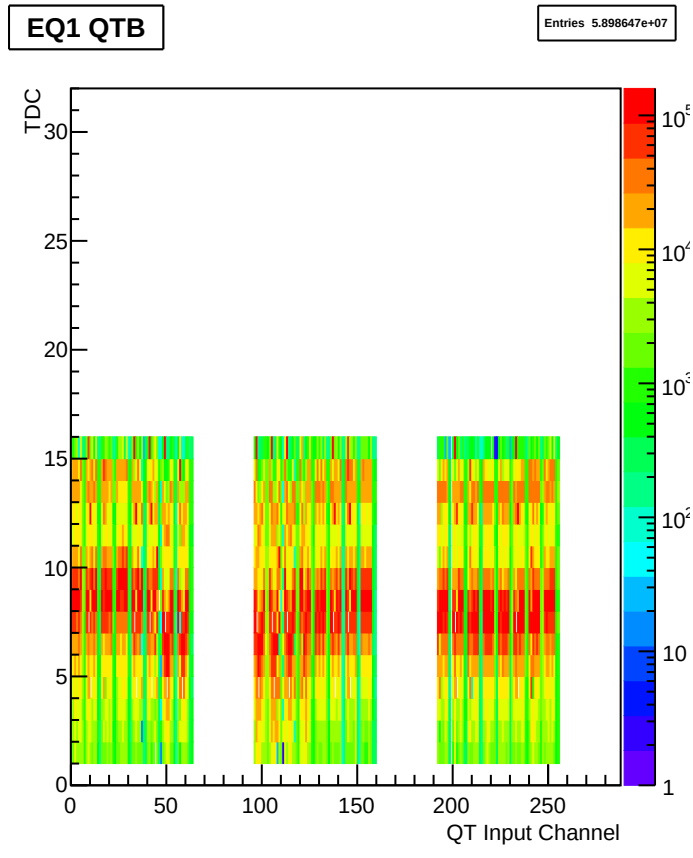

BBQ-VP001 East
Entries 1.012725e+07
ADC
QT Input Channel

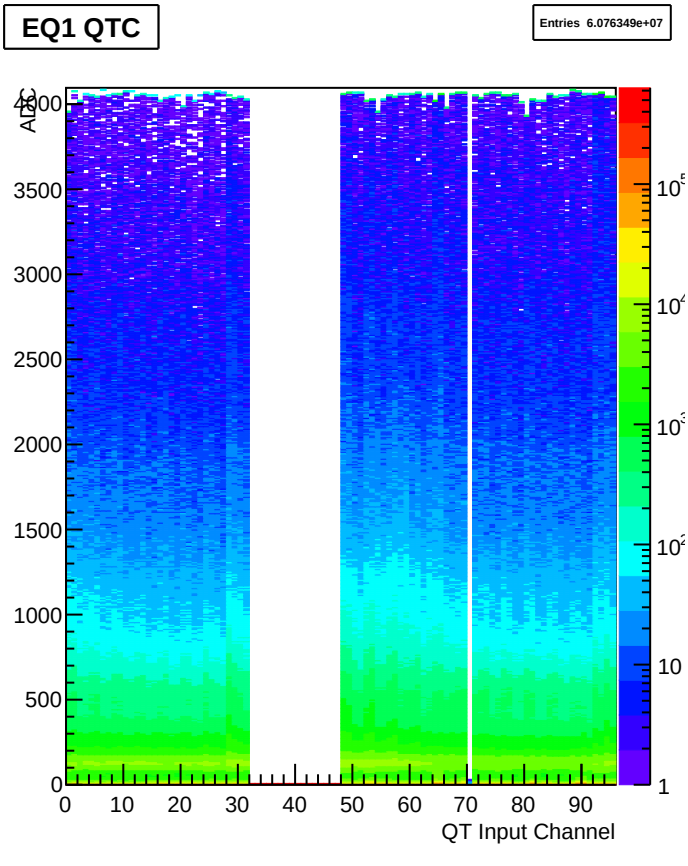

BBQ-VP001 East
Entries 1.012725e+07
TADC
QT Input Channel

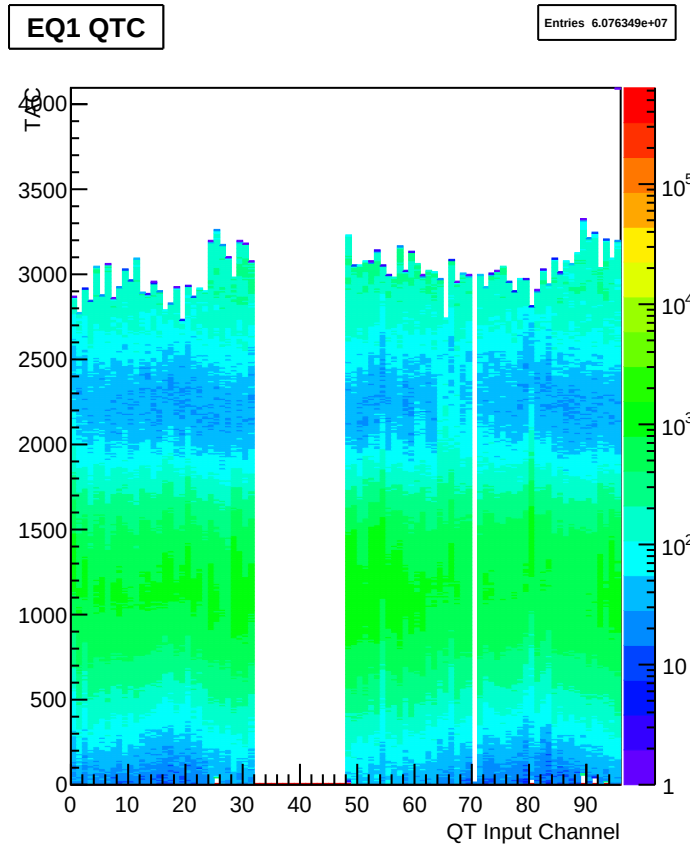

BBQ-VP002 West
Entries 1.012725e+07
ADC
QT Input Channel

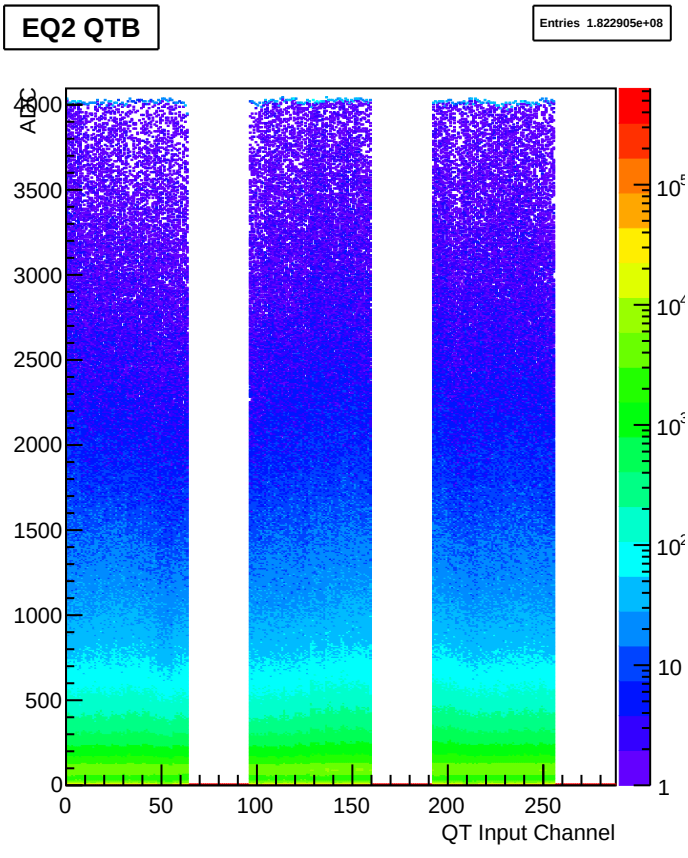

BBQ-VP002 West
Entries 1.012725e+07
TADC
QT Input Channel

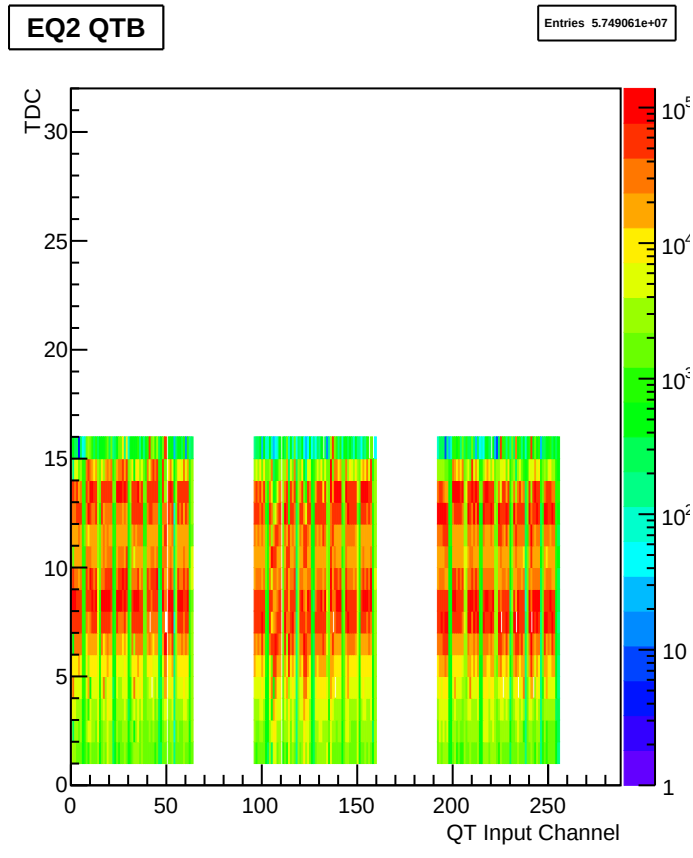

EQ1 QTB
Entries 1.822905e+08
ADC
QT Input Channel

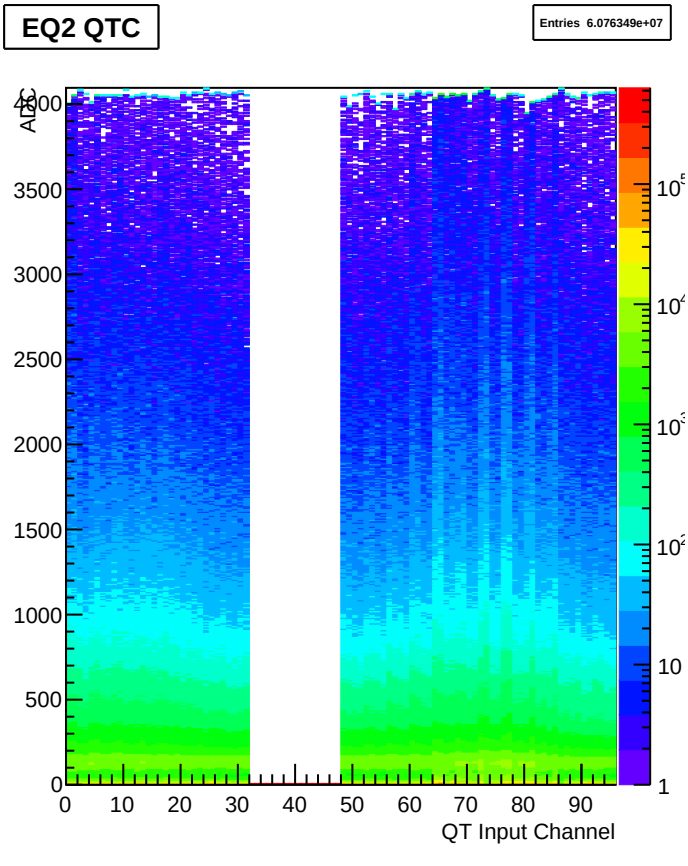

EQ1 QTB
Entries 5.898647e+07
TDC
QT Input Channel

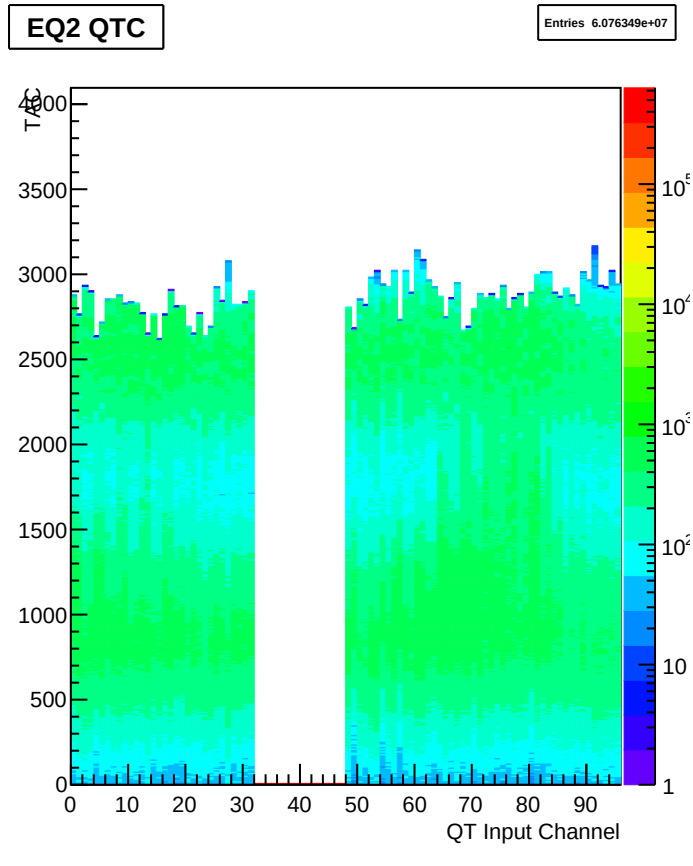

EQ1 QTC
Entries 6.076349e+07
ADC
QT Input Channel

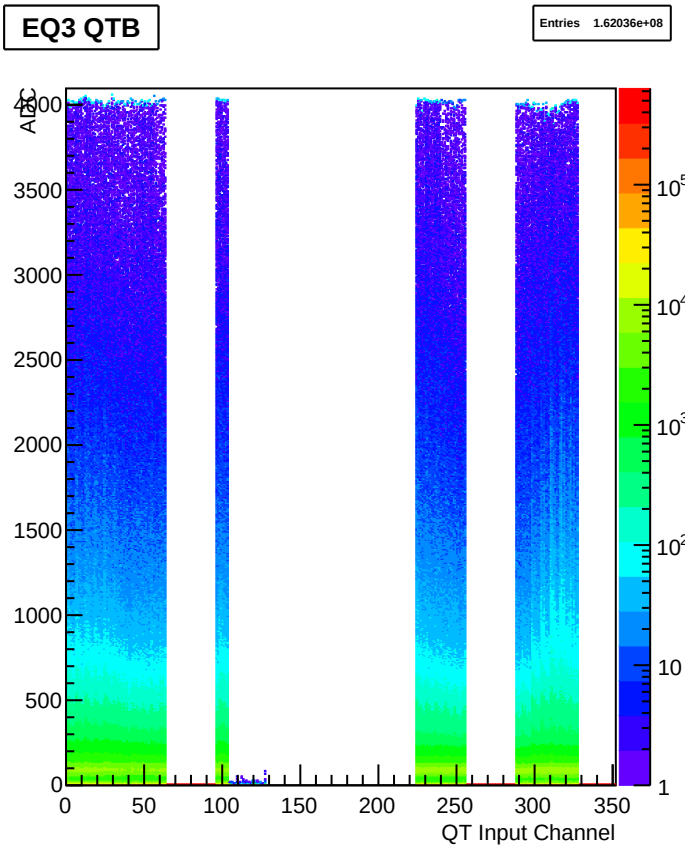

EQ1 QTC
Entries 6.076349e+07
TADC
QT Input Channel

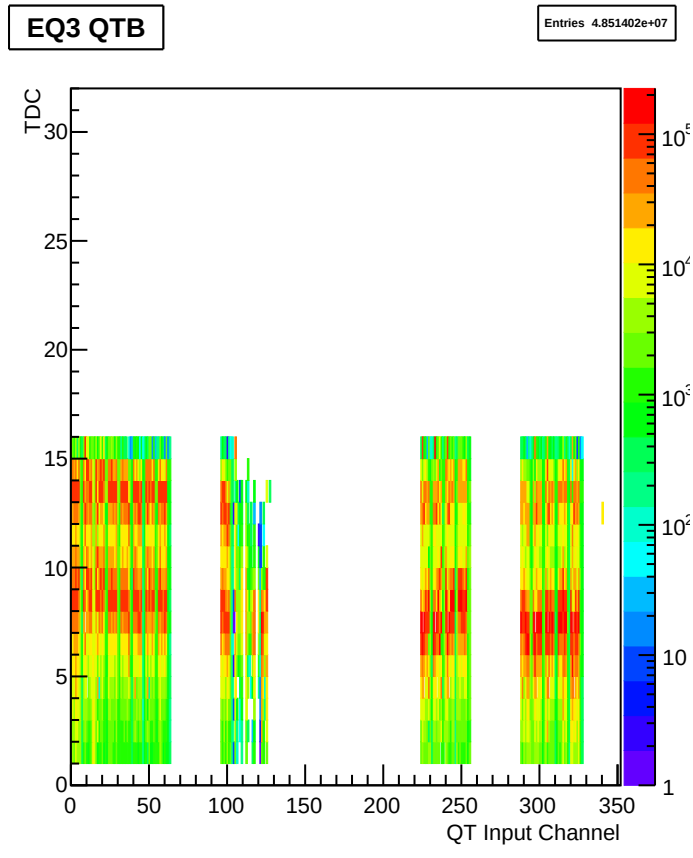

EQ2 QTB
Entries 1.822905e+08
ADC
QT Input Channel

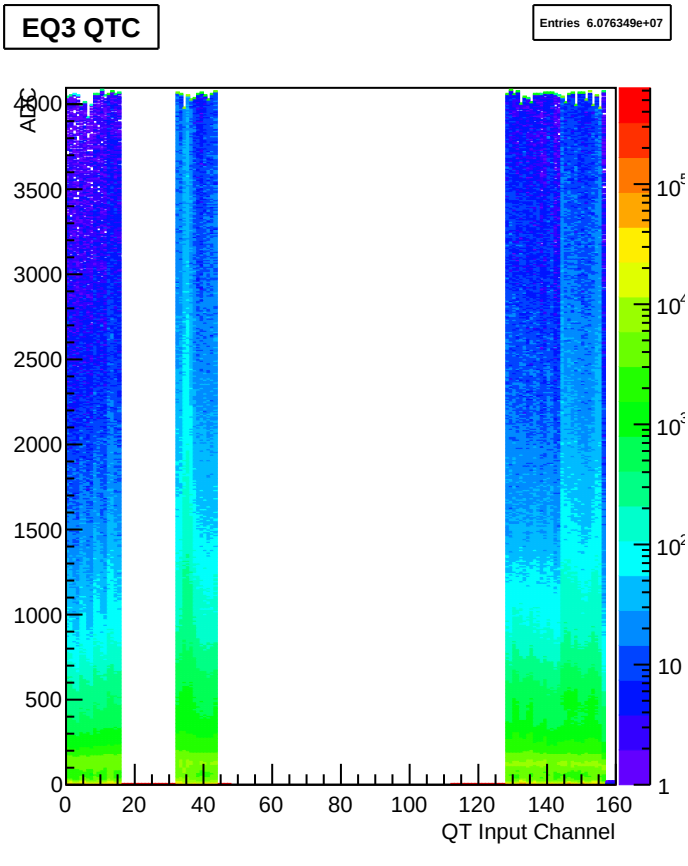

EQ2 QTB
Entries 5.749061e+07
TDC
QT Input Channel

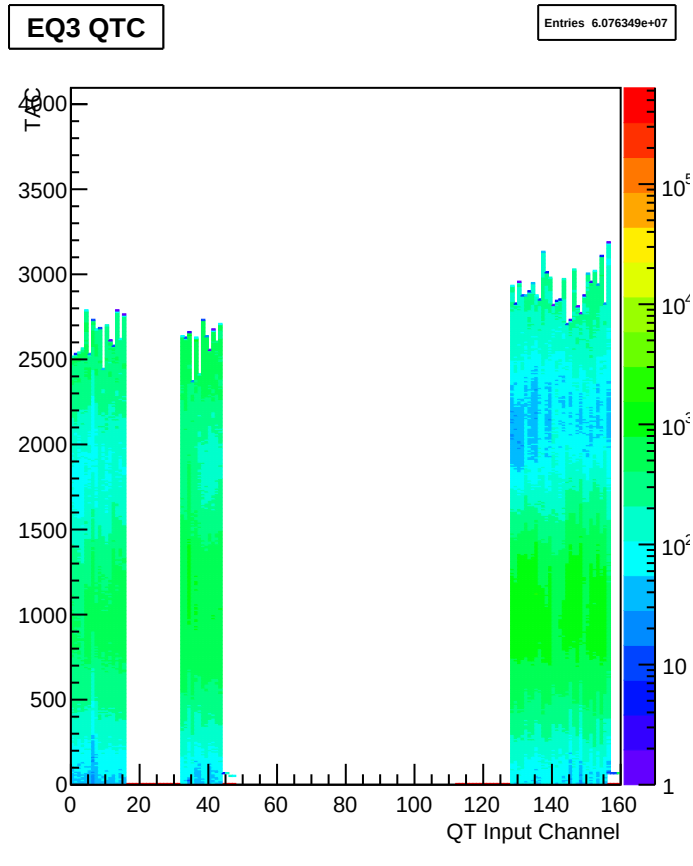

EQ2 QTC
Entries 6.076349e+07
ADC
QT Input Channel

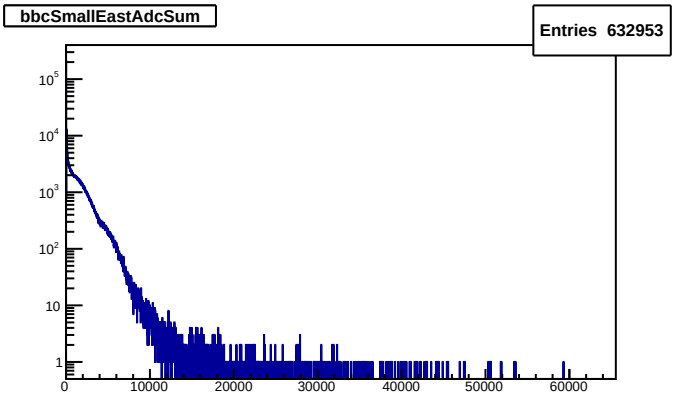

EQ2 QTC
Entries 6.076349e+07
TADC
QT Input Channel

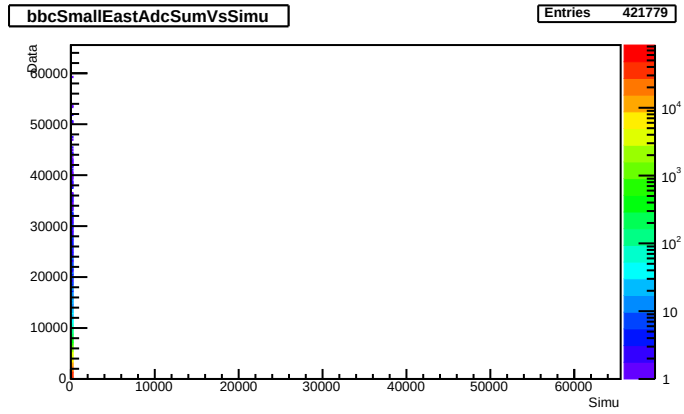

EQ3 QTB
Entries 1.62036e+08
ADC
QT Input Channel

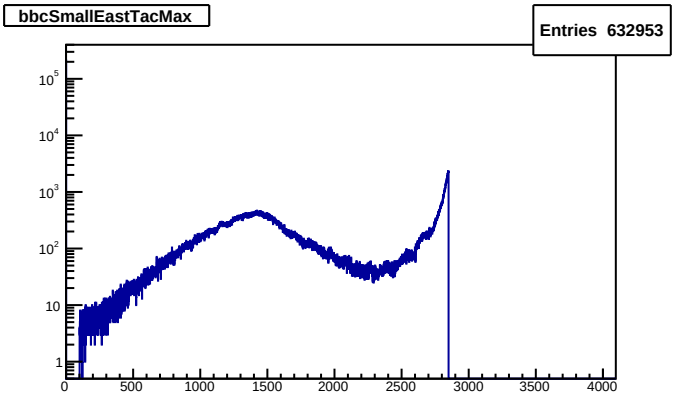

EQ3 QTB
Entries 4.851402e+07
TDC
QT Input Channel

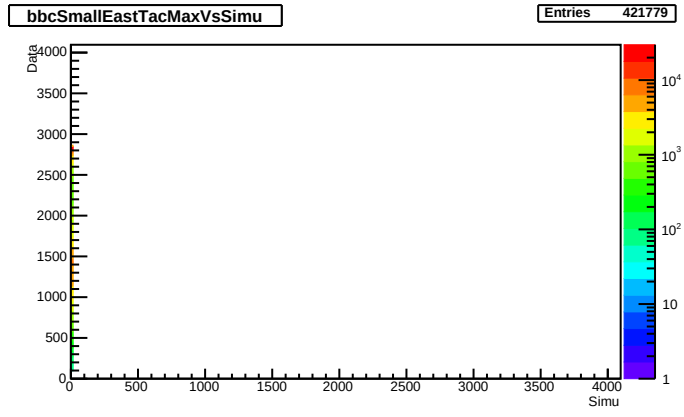

EQ3 QTC
Entries 6.076349e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.076349e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 632953


bbcSmallEastAdcSumVsSimu
Entries 421779
Data
Simu


bbcSmallEastTacMax
Entries 632953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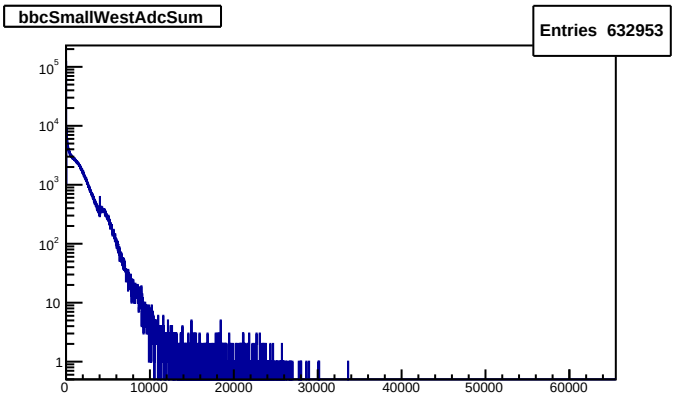
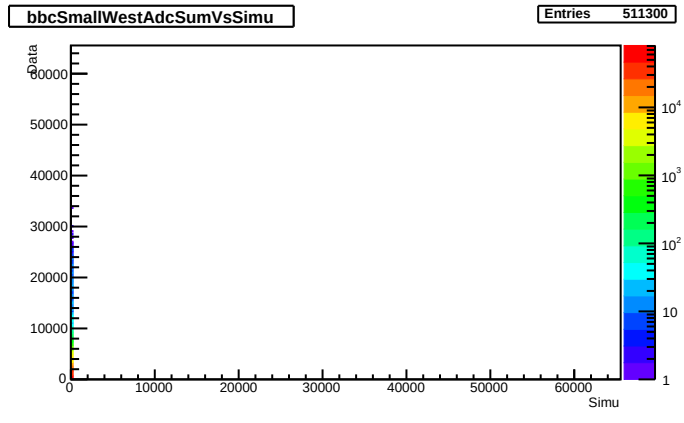
Entries 421779
Data
Simu


bbcSmallWestAdcSum
Entries 632953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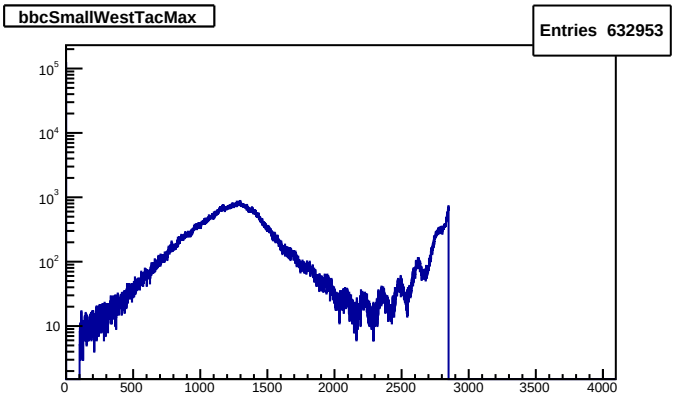
Entries 511300
Data
Simu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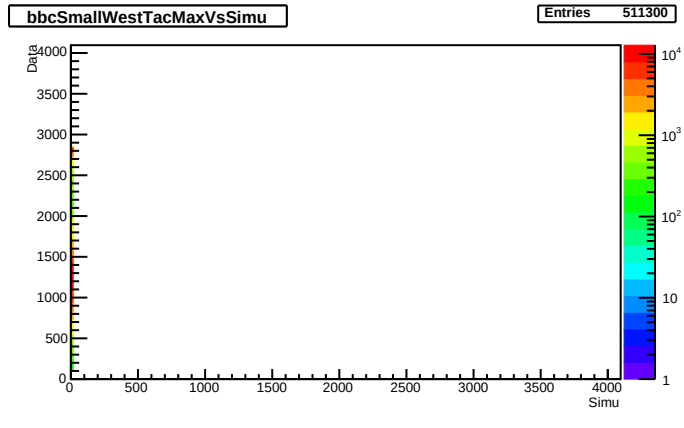
Entries 632953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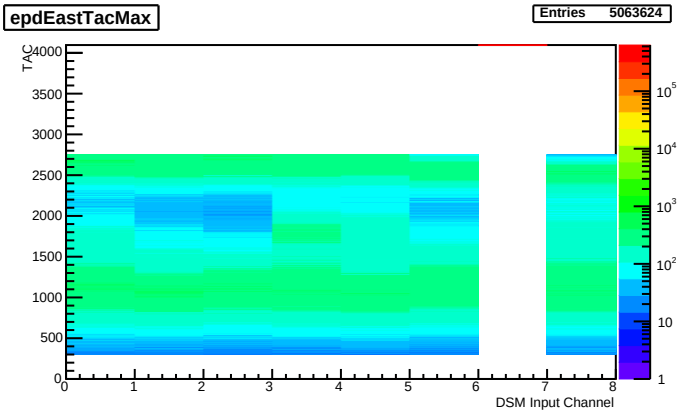
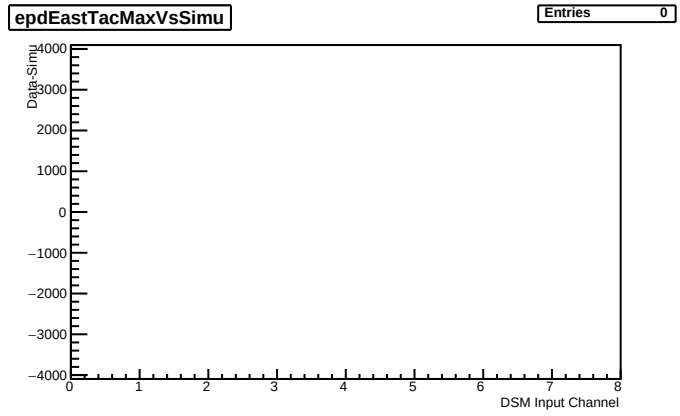
Entries 511300
Data
Simu


epdEastTacMax
Entries 5063624
TAC
DSM Input Channel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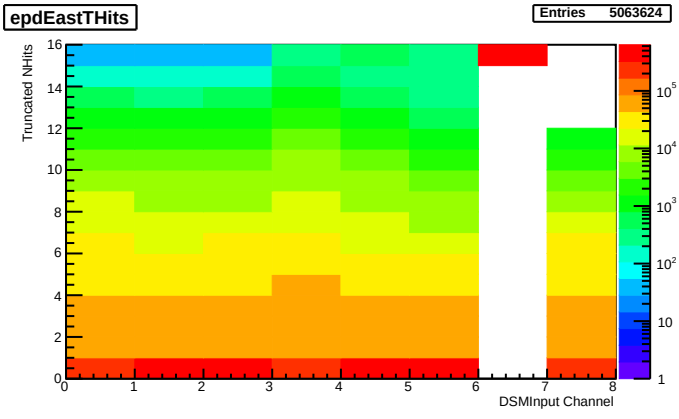
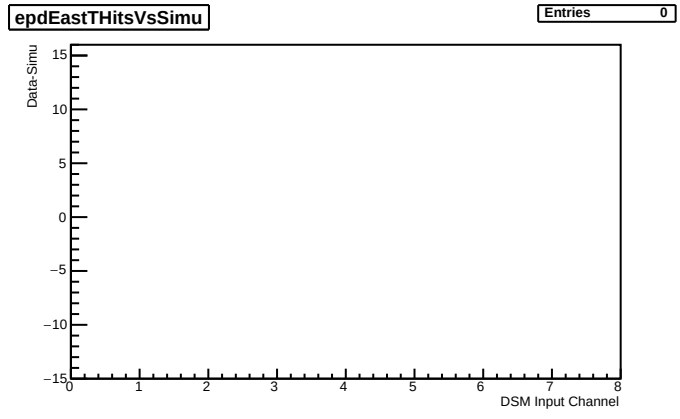
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5063624
Truncated NHits
DSMInput Channel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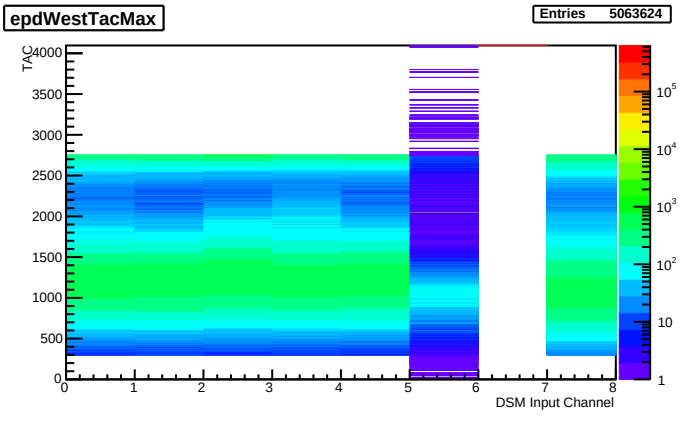
Data-Simu
DSM Input Channel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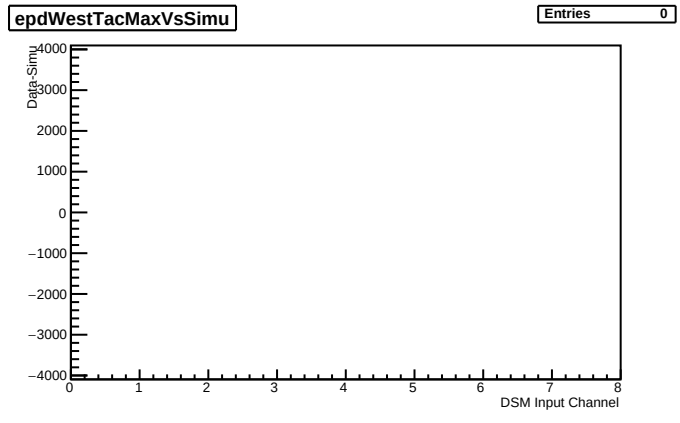
Entries 5063624
TAC
DSM Input Channel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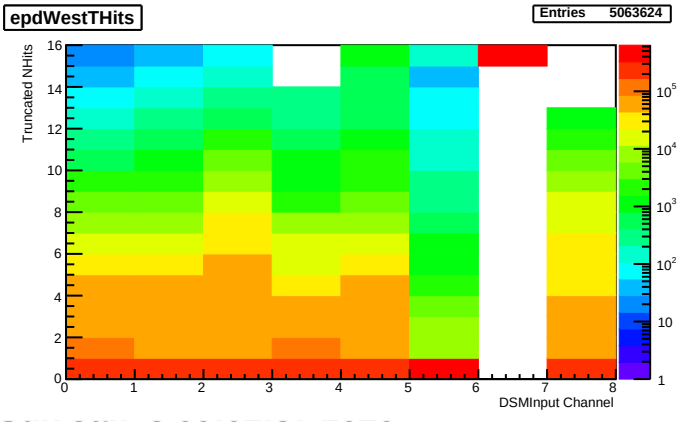
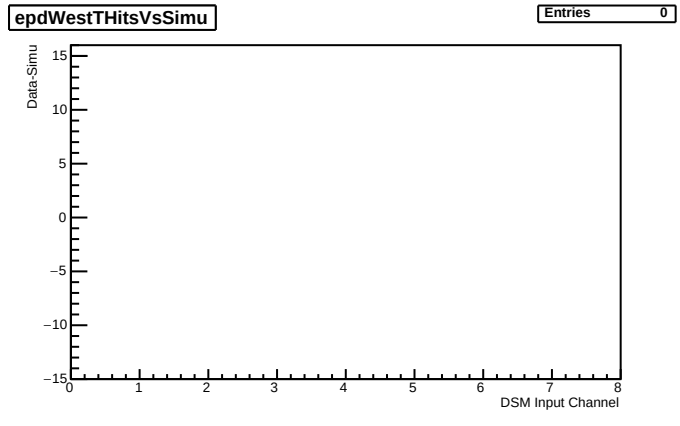
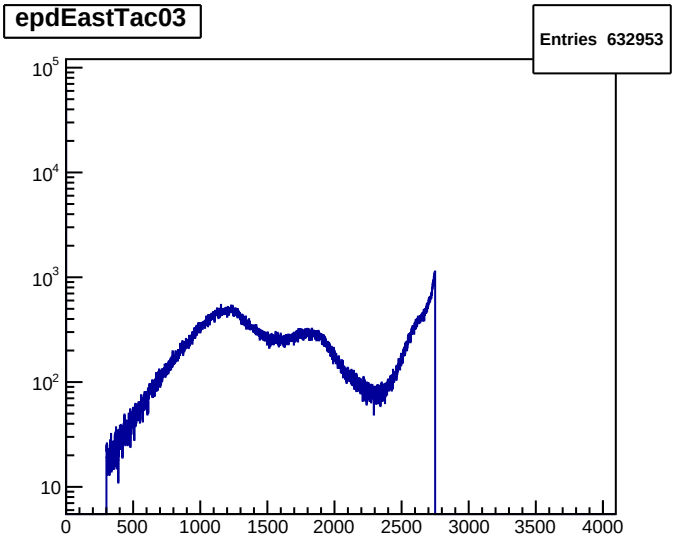
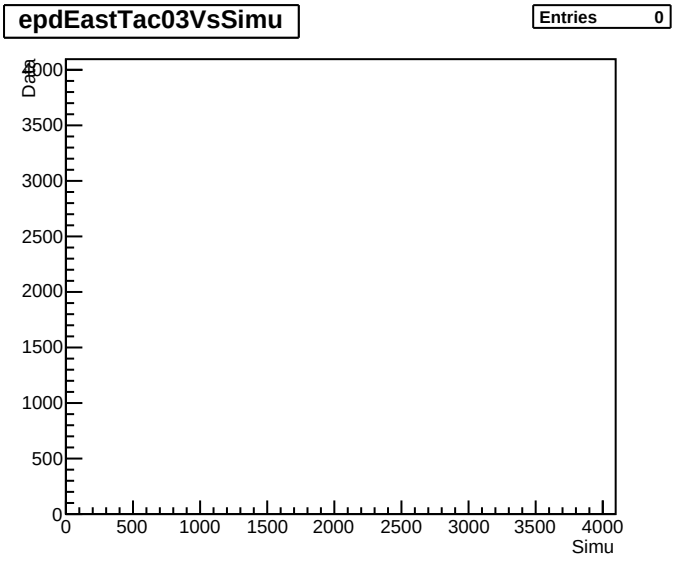
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5063624
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 632953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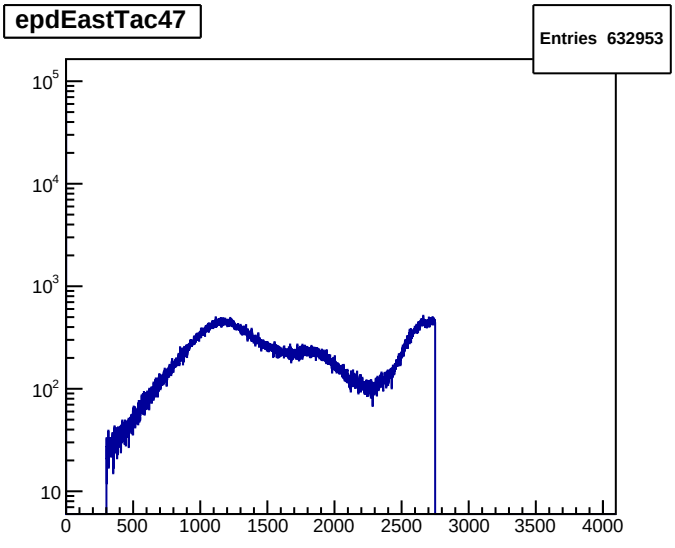
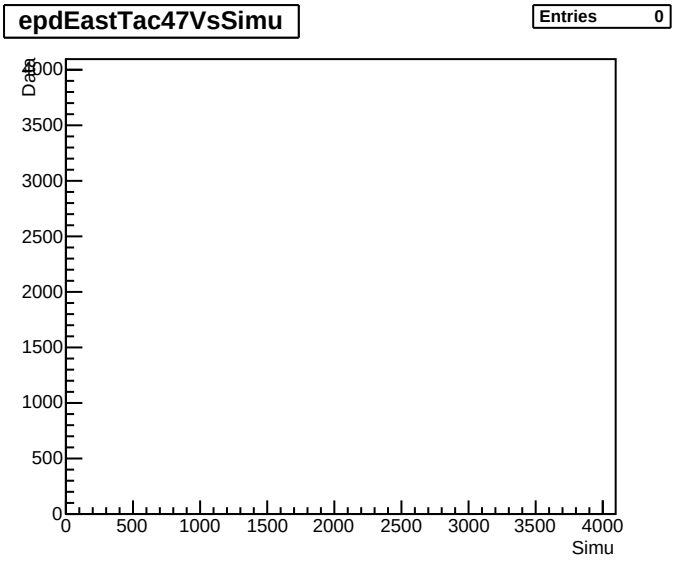
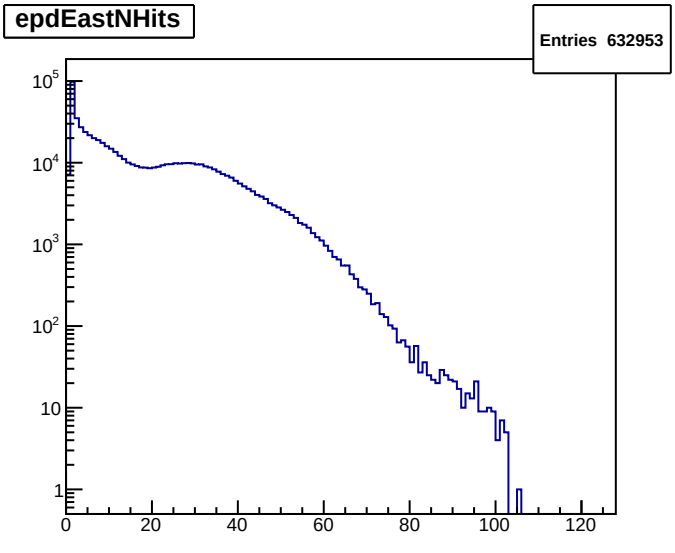
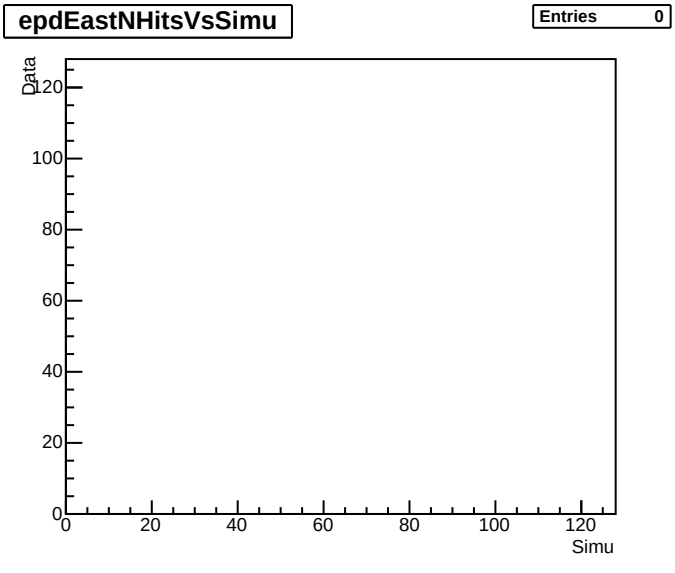
Entries 0
Data
Simu


epdEastTac47
Entries 632953


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 632953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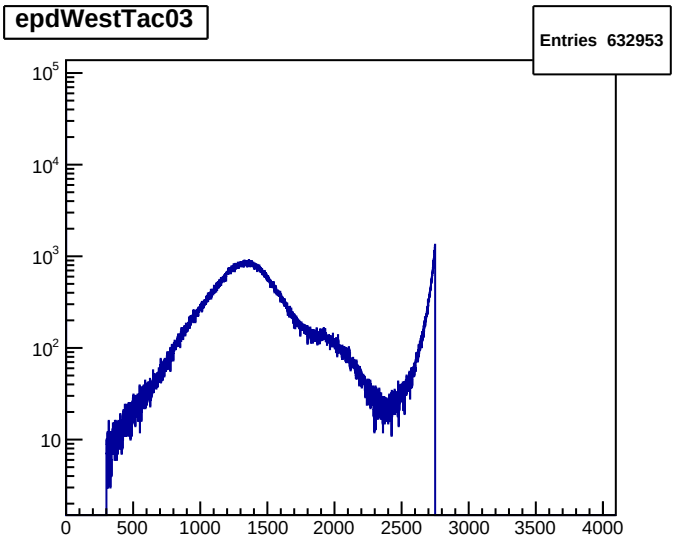
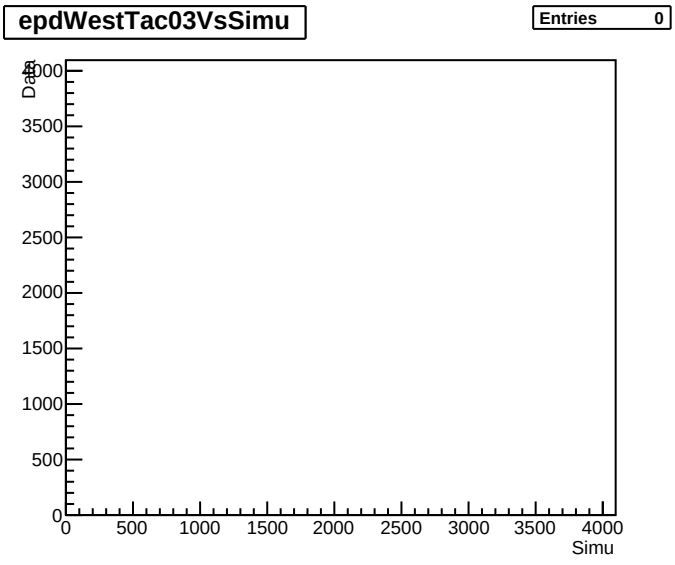
Entries 0
Data
Simu


epdWestTac03
Entries 632953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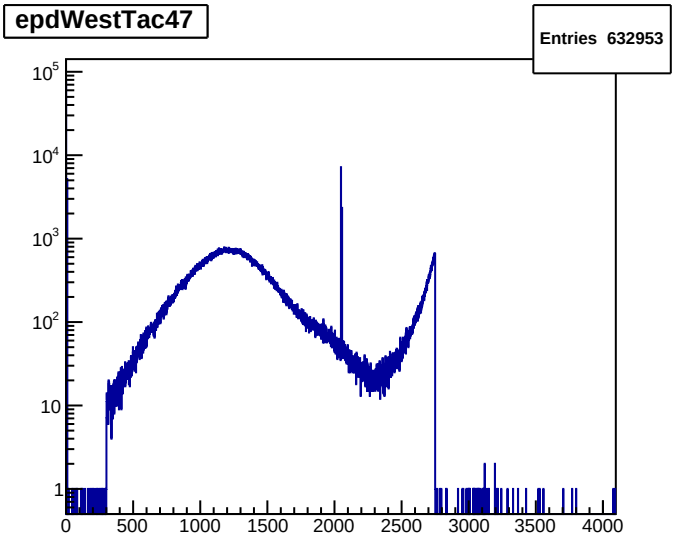
Entries 0
Data
Simu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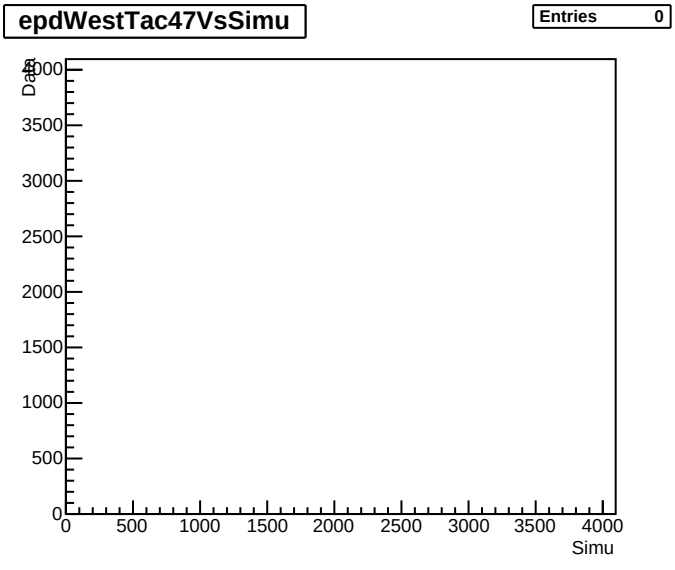
Entries 632953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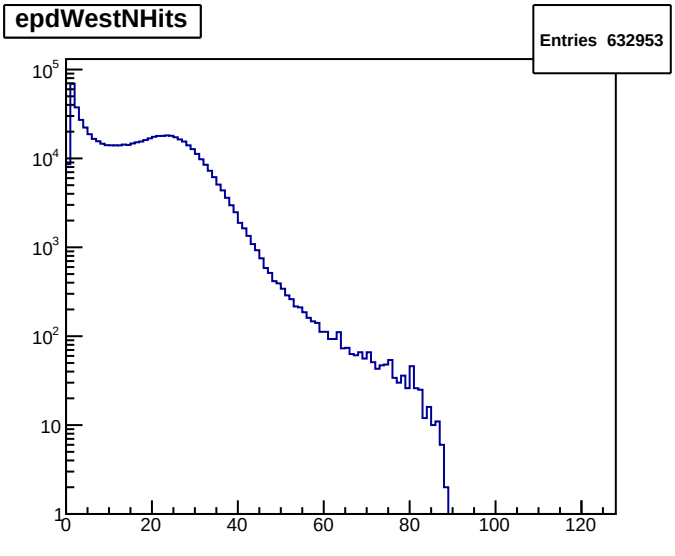
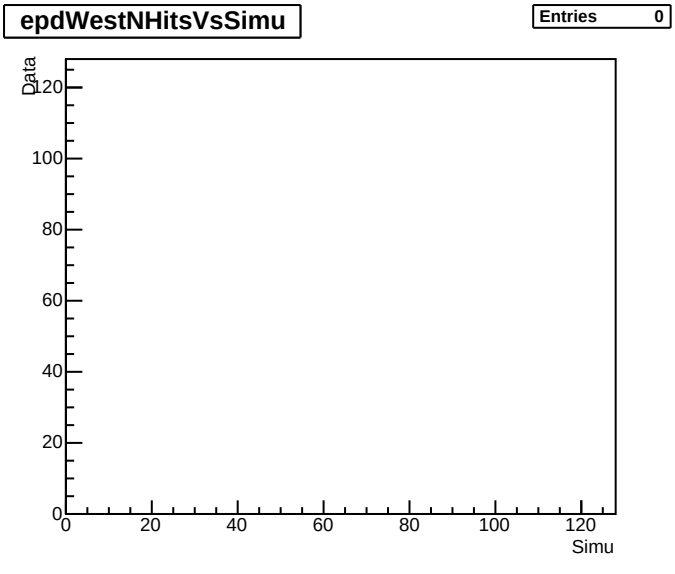
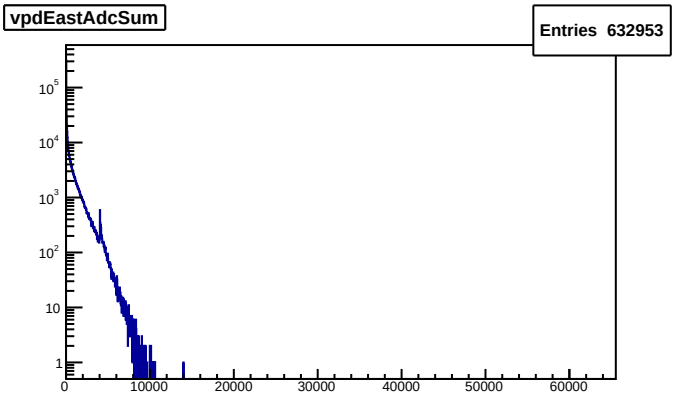
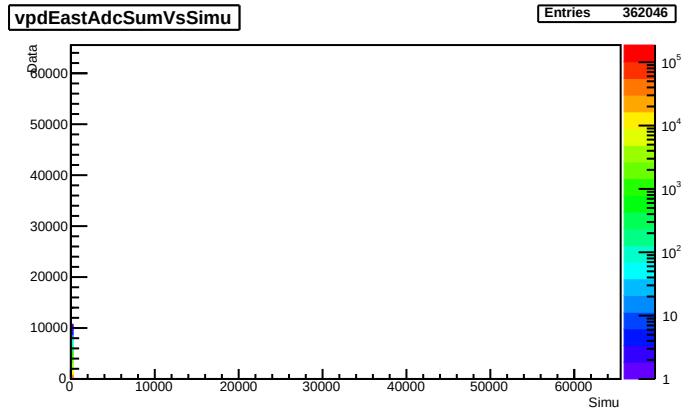
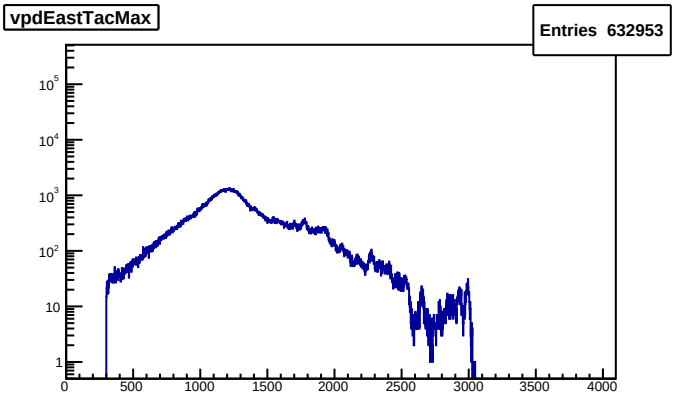
Entries 0
Data
Simu

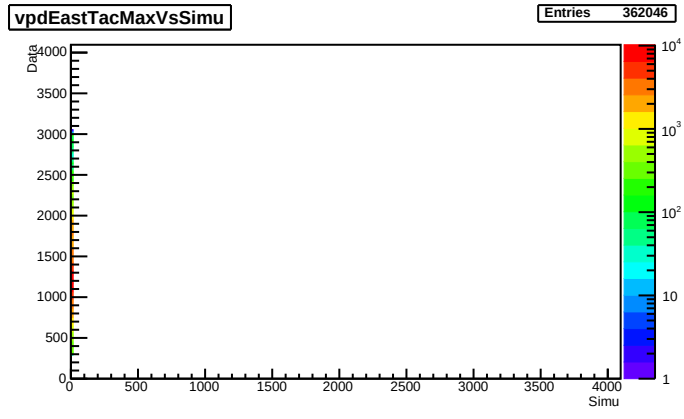

epdWestNHits
Entries 632953

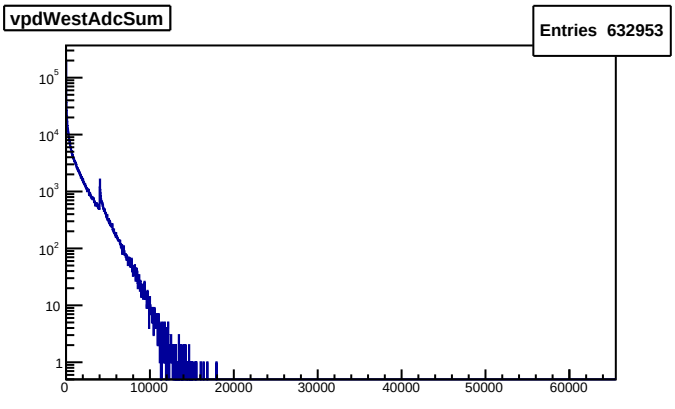

epdWestNHitsVsSimu
Entries 0
Data
Simu

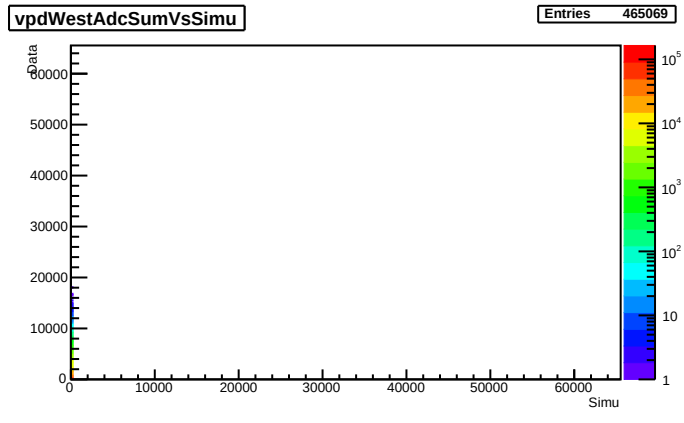

vpdEastAdcSum
Entries 632953

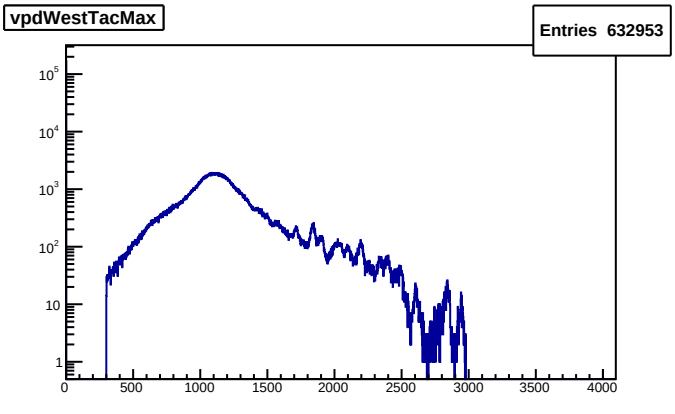

vpdEastAdcSumVsSimu
Entries 362046
Data
Simu

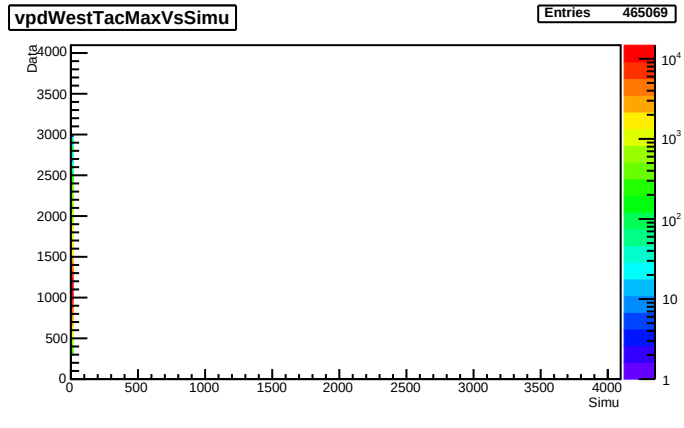

vpdEastTacMax
Entries 632953

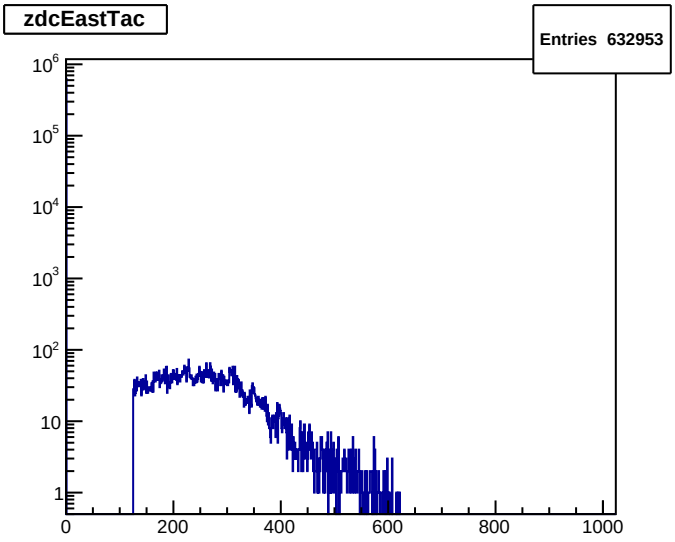

vpdEastTacMaxVsSimu
Entries 362046
Data
Simu

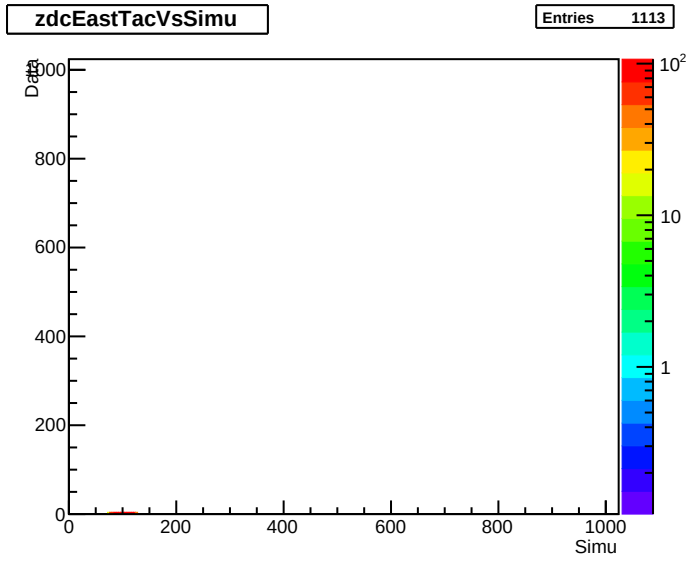

vpdWestAdcSum
Entries 632953

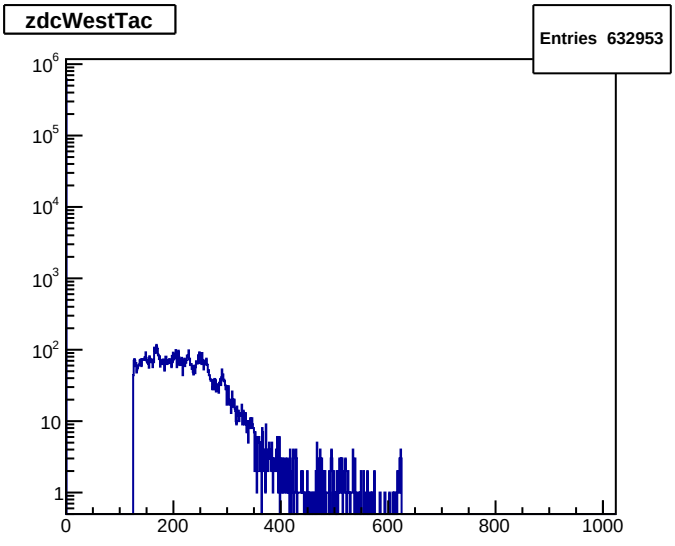

vpdWestAdcSumVsSimu
Entries 465069
Data
Simu

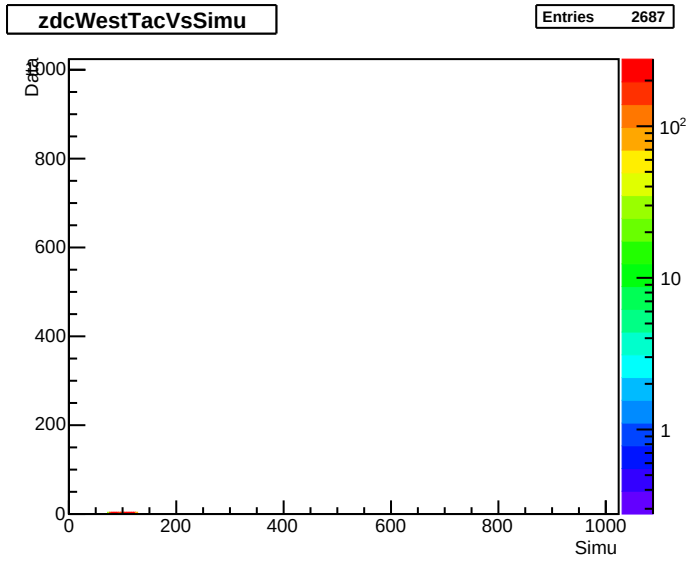

vpdWestTacMax
Entries 632953

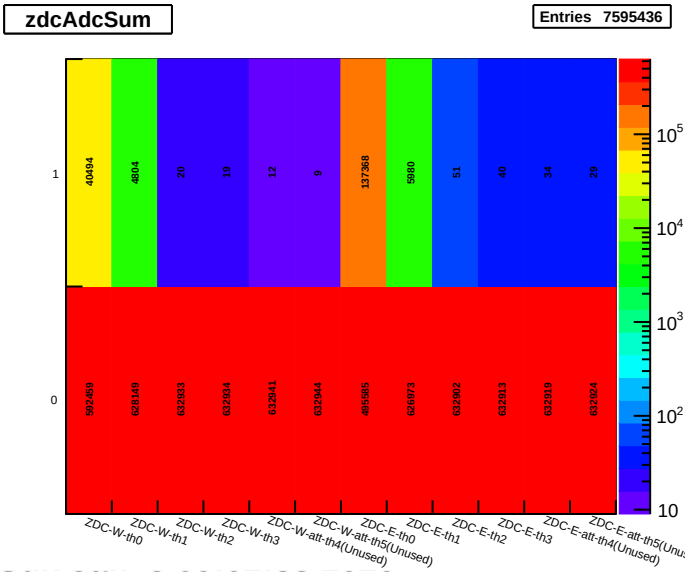

vpdWestTacMaxVsSimu
Entries 465069
Data
Simu

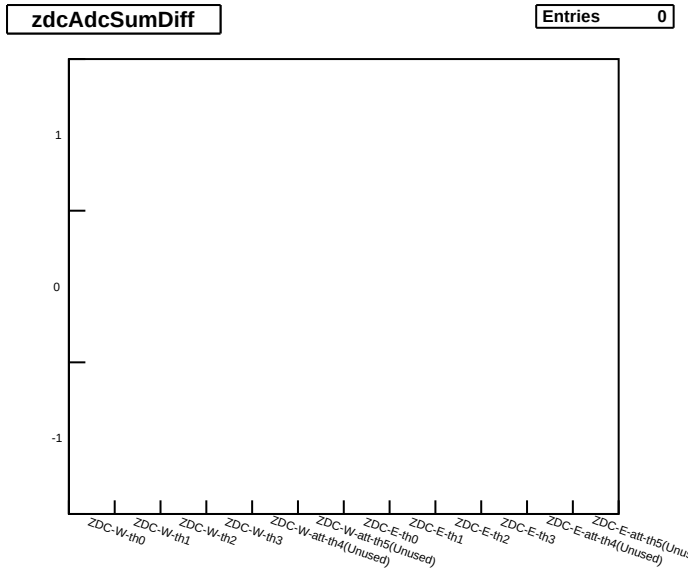

zdcEastTac
Entries 632953


zdcEastTacVsSimu
Entries 1113
Data
Simu


zdcWestTac
Entries 632953


zdcWestTacVsSimu
Entries 2687
Data
Simu


zdcAdcSum
Entries 7595436
40494
4804
20
19
12
9
137368
5980
51
40
34
29
592459
628149
632933
632934
632941
632944
495585
626973
632902
632913
632910
632924
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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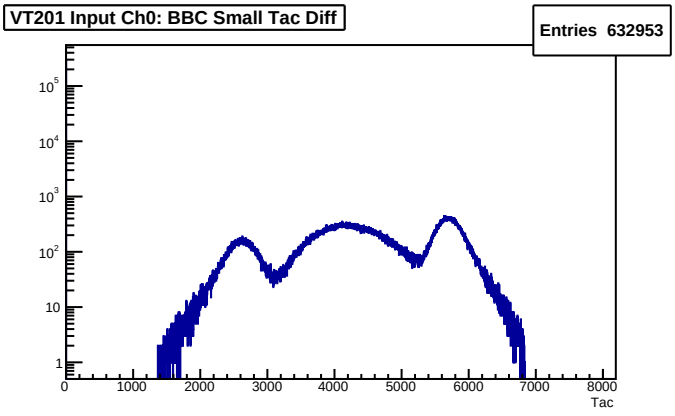
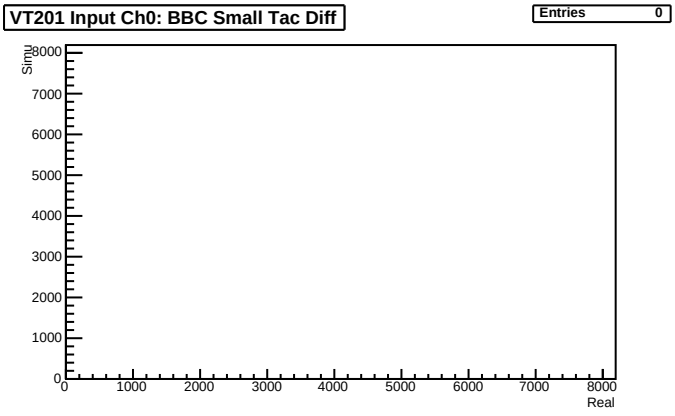
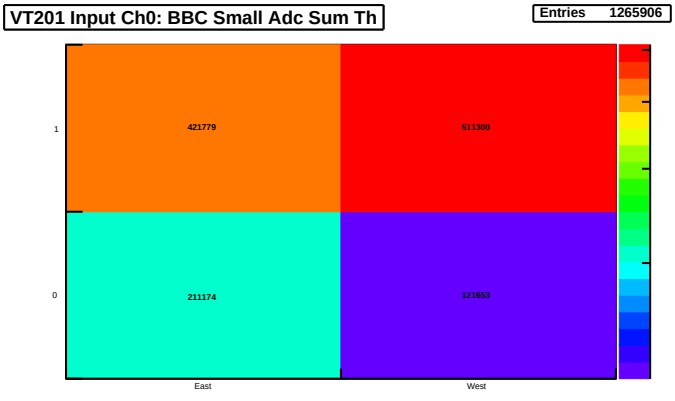
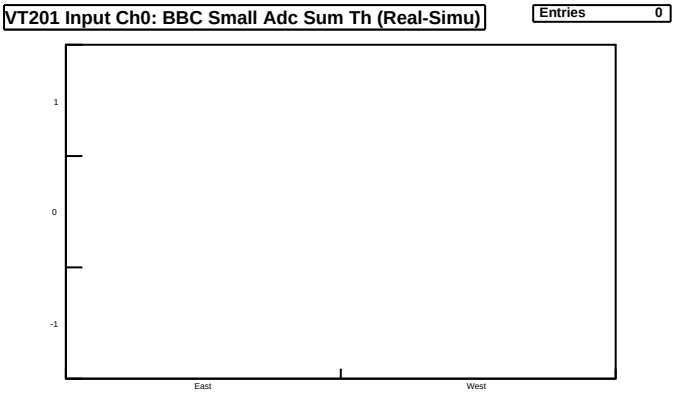
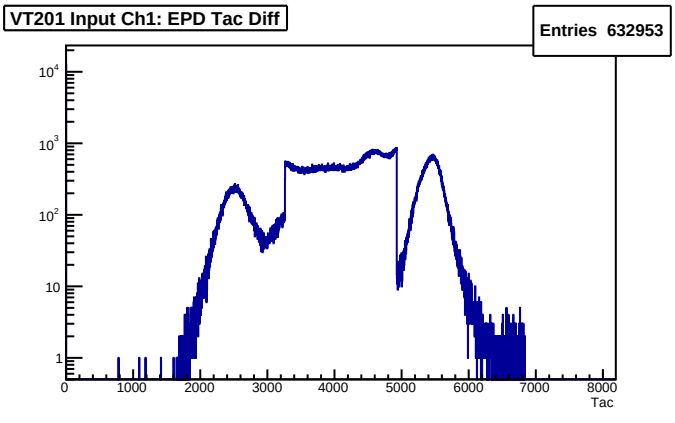
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

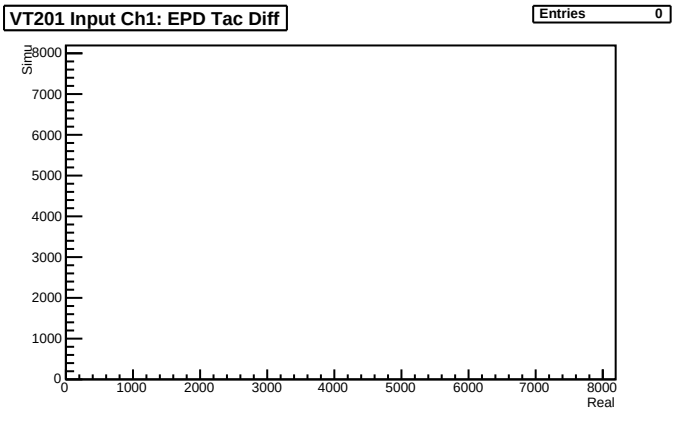

VT201 Input Ch0: BBC Small Tac Diff
Entries 632953
Tac

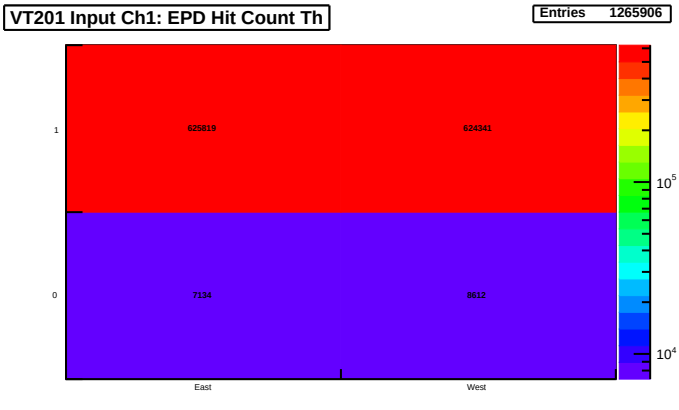

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

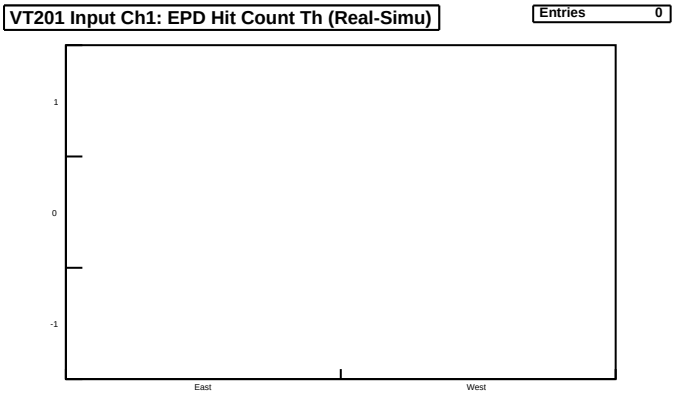

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1265906
421779
511300
211174
121653
East
West

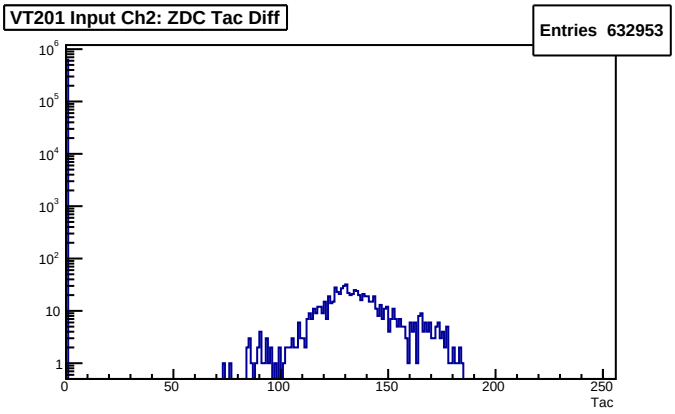

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

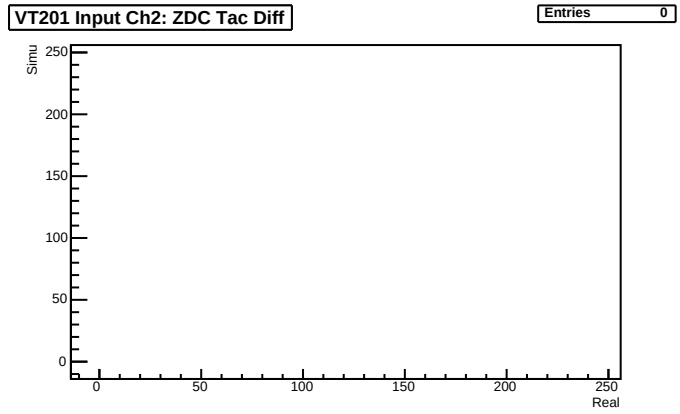

VT201 Input Ch1: EPD Tac Diff
Entries 632953
Tac

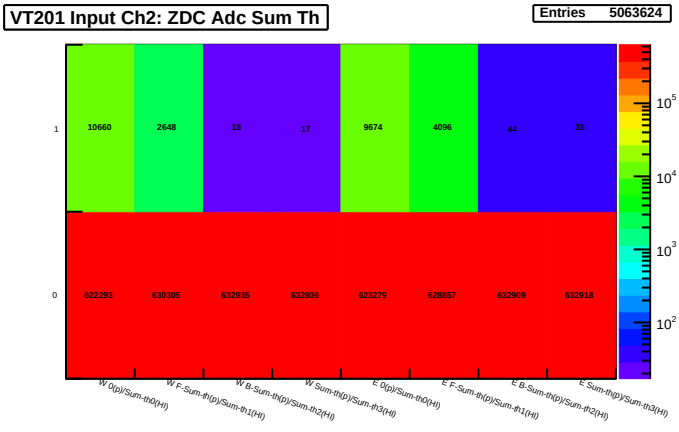

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

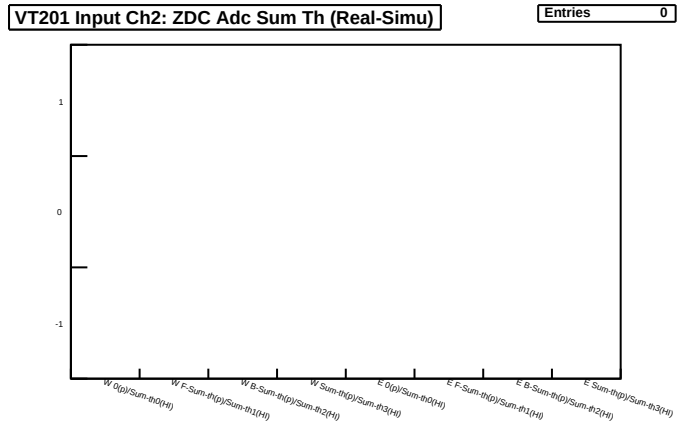

VT201 Input Ch1: EPD Hit Count Th
Entries 1265906
625819
624341
7134
8612
East
West

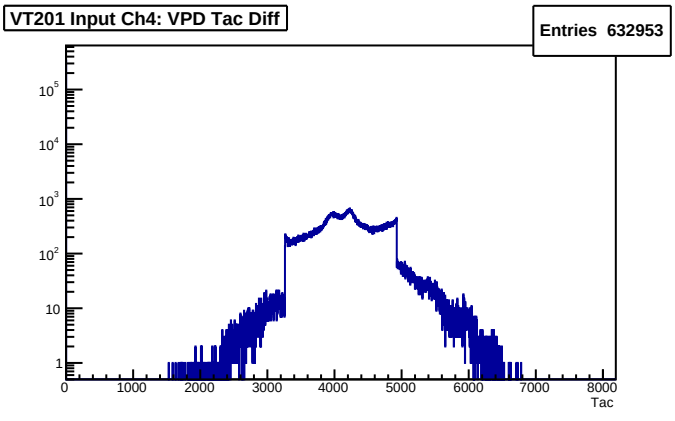

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

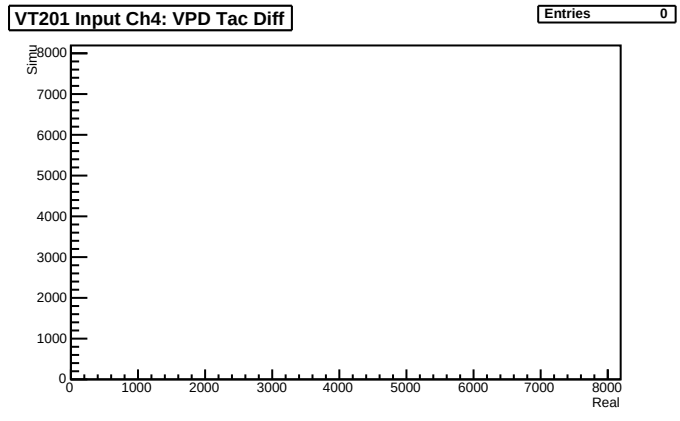

VT201 Input Ch2: ZDC Tac Diff
Entries 632953
Tac

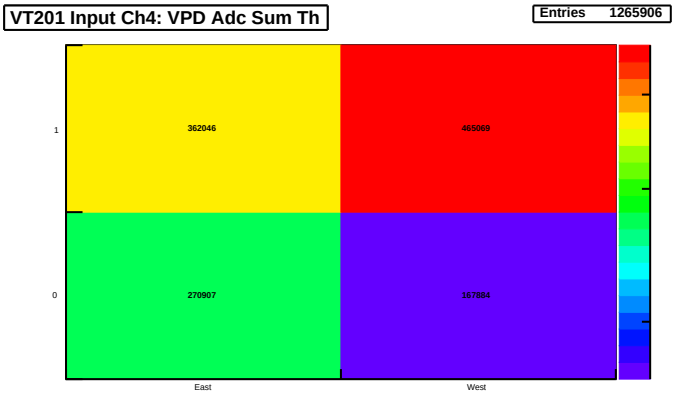

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

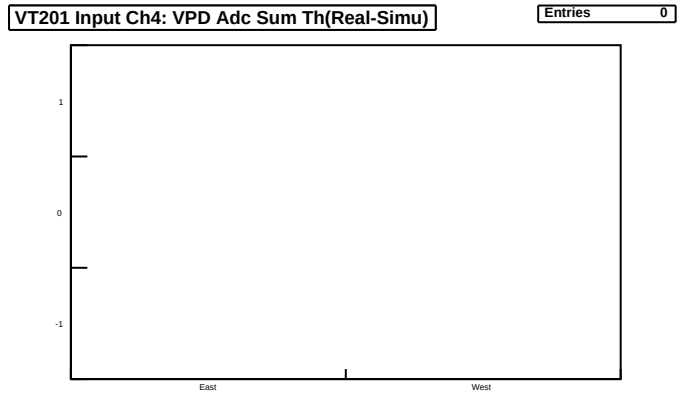

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5063624
10660
2648
18
17
9674
4096
44
35
622293
630305
632935
632936
623279
628857
632909
632918
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

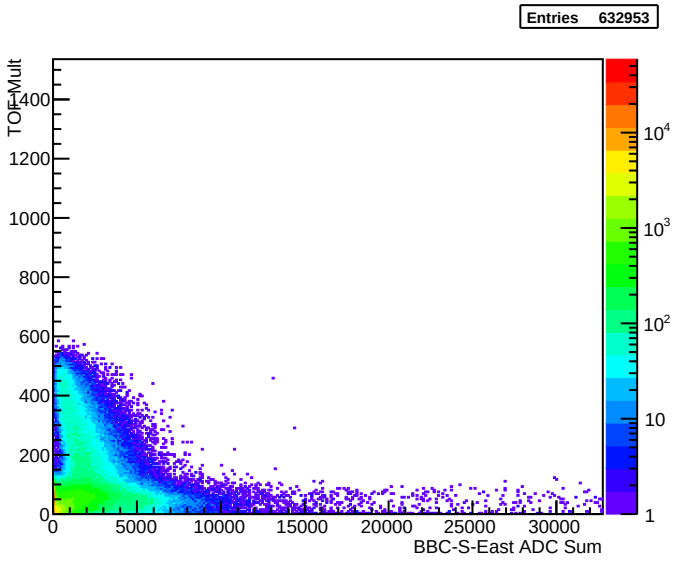

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

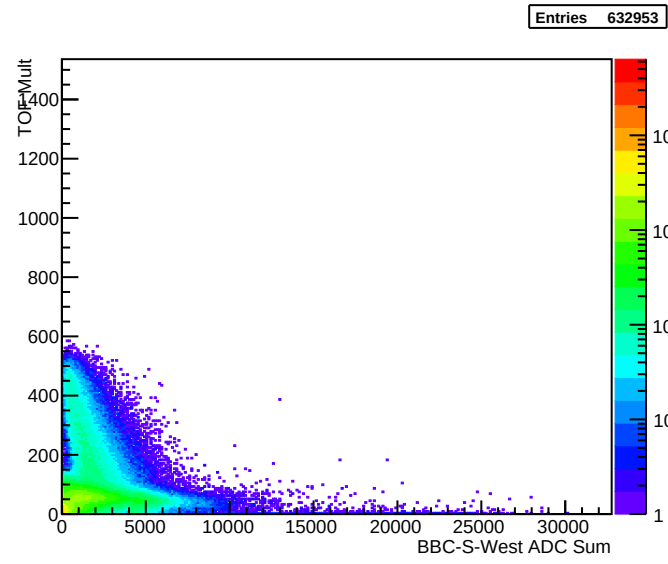

VT201 Input Ch4: VPD Tac Diff
Entries 632953
Tac

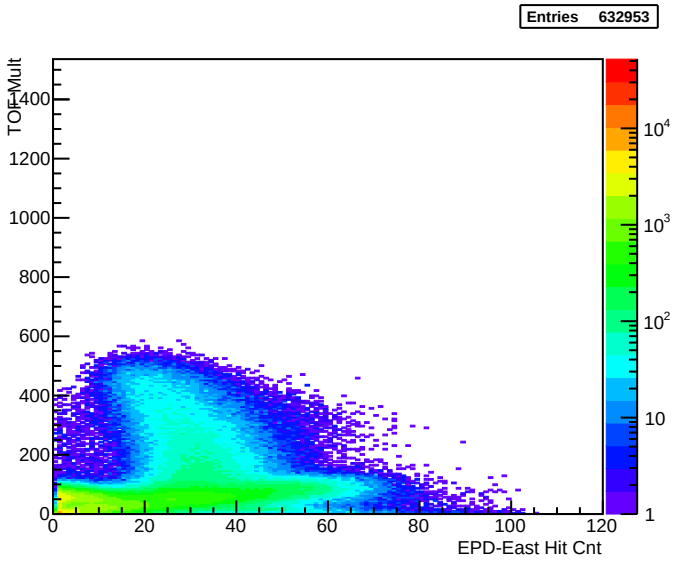

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

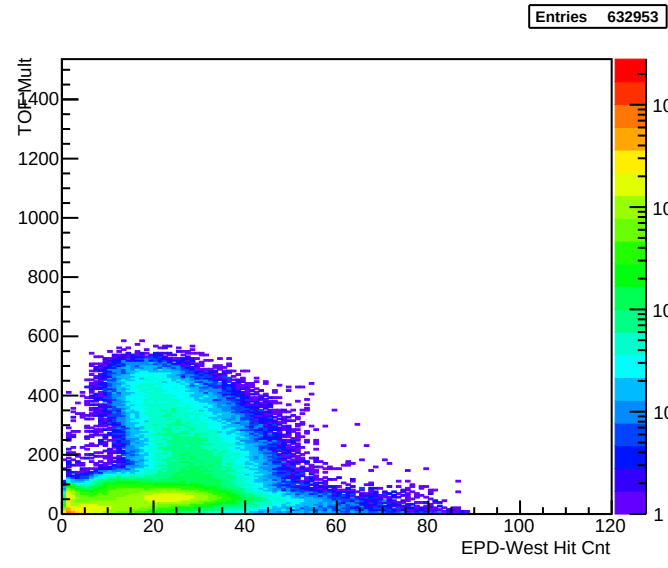

VT201 Input Ch4: VPD Adc Sum Th
Entries 1265906
362046
465069
270907
167884
East
West

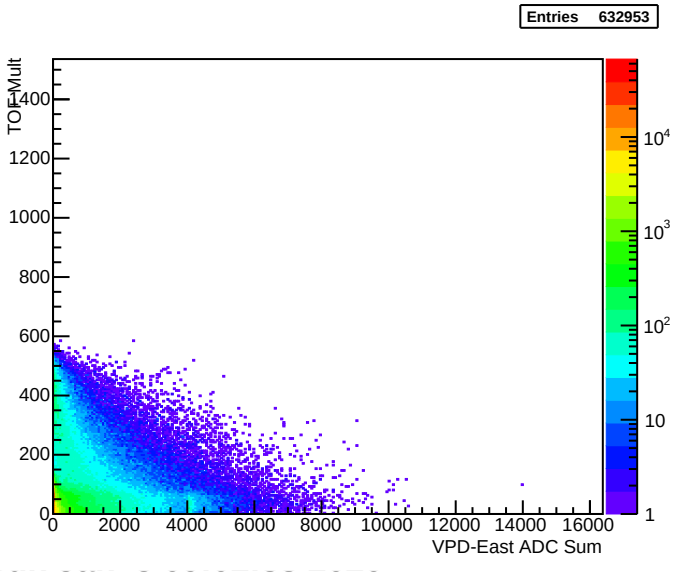

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

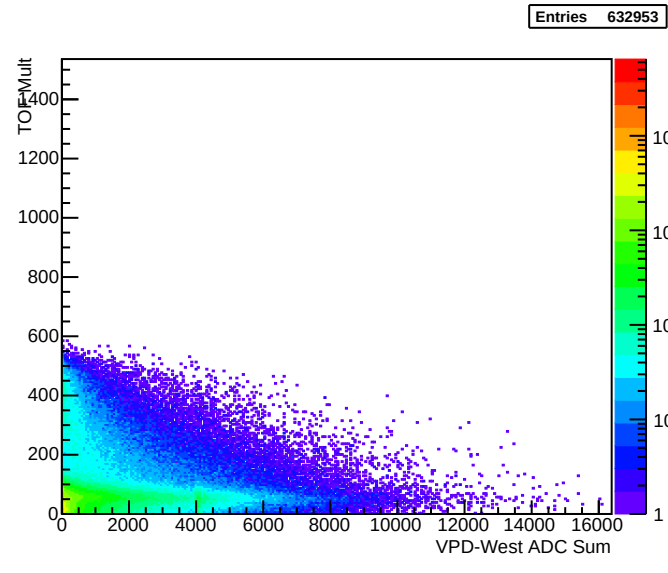

Entries 632953
TOF-Mult
BBC-S-East ADC Sum

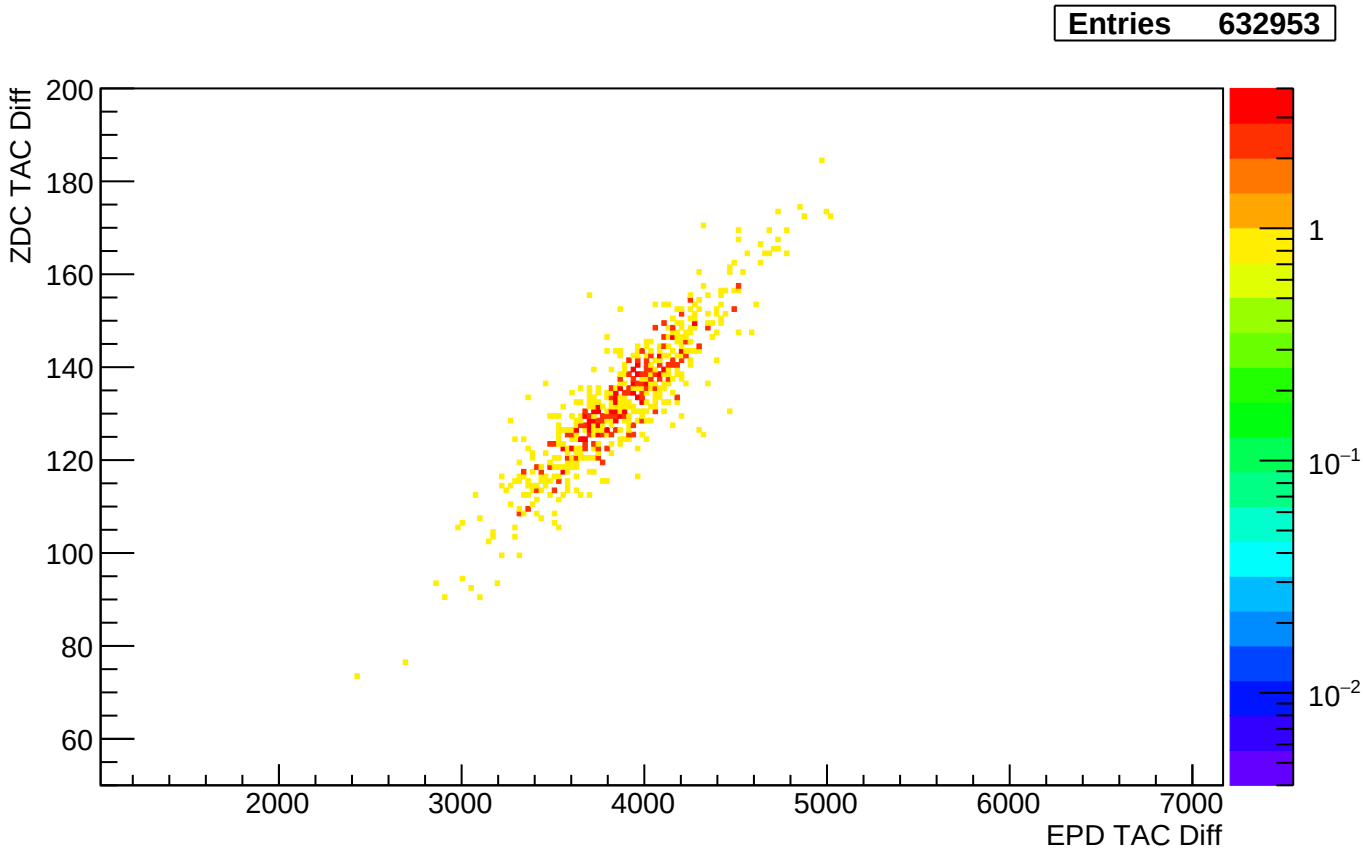

Entries 632953
TOF-Mult
BBC-S-West ADC Sum

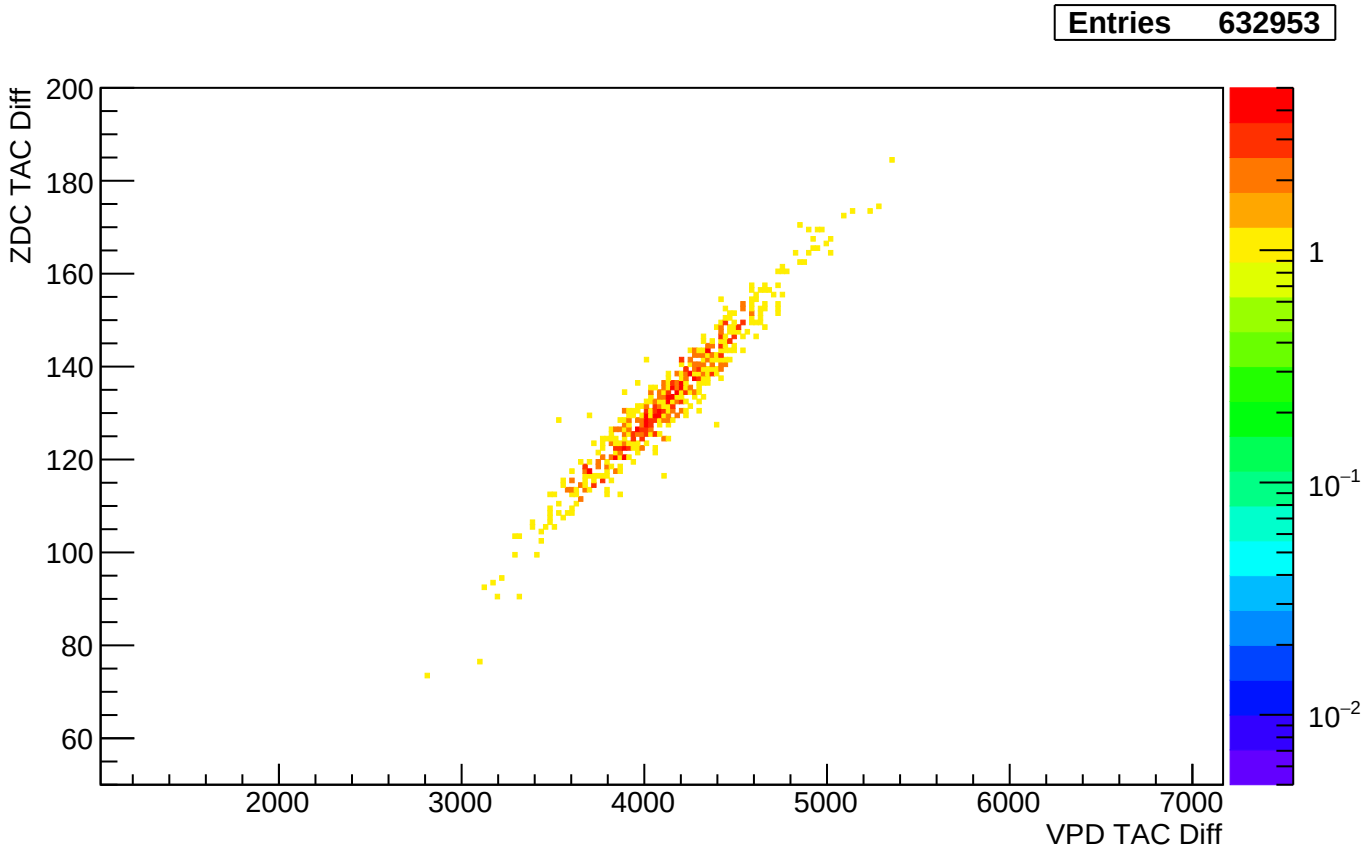

Entries 632953
TOF-Mult
EPD-East Hit Cnt

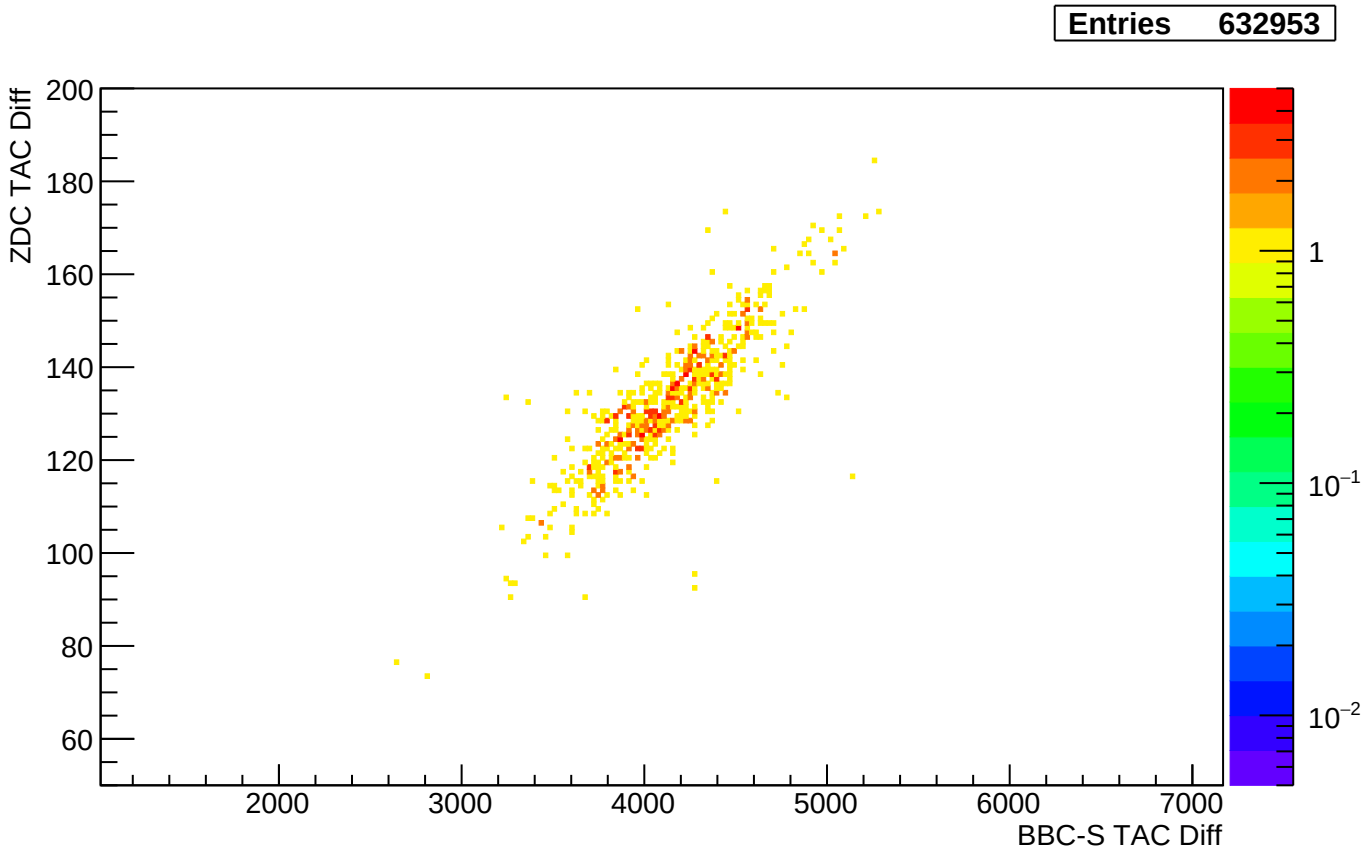

Entries 632953
TOF-Mult
EPD-West Hit Cnt

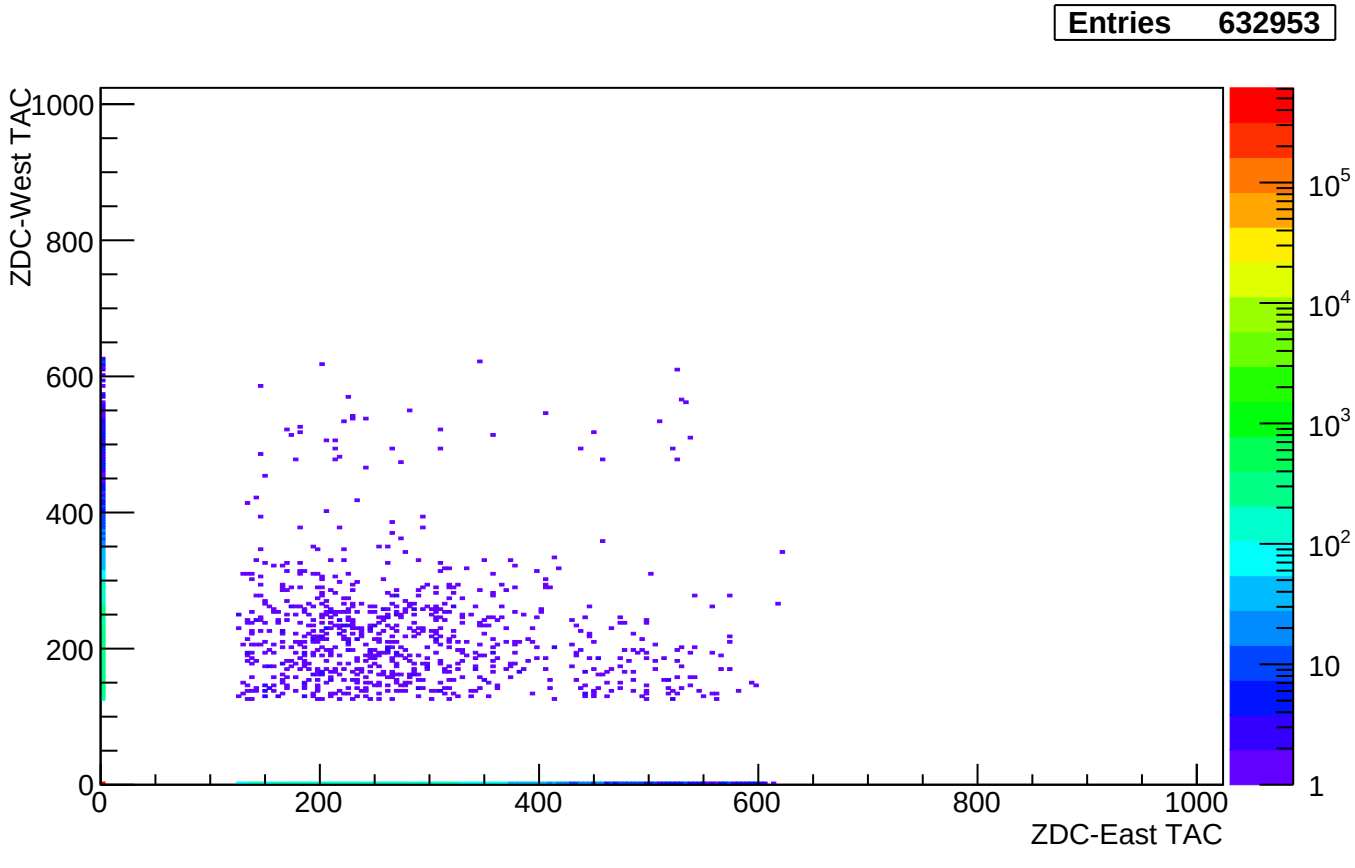

Entries 632953
TOF-Mult
VPD-East ADC Sum

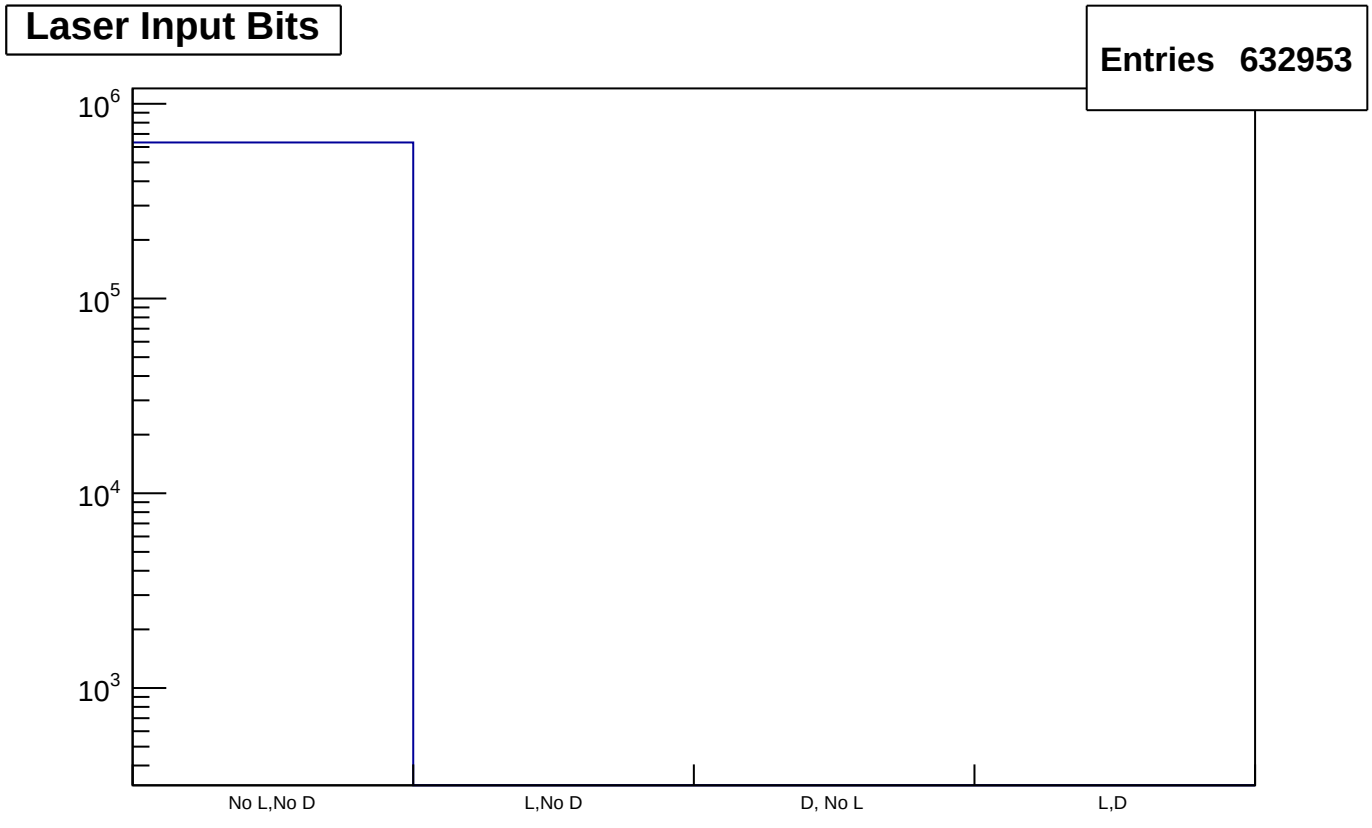

Entries 632953
TOF-Mult
VPD-West ADC Sum

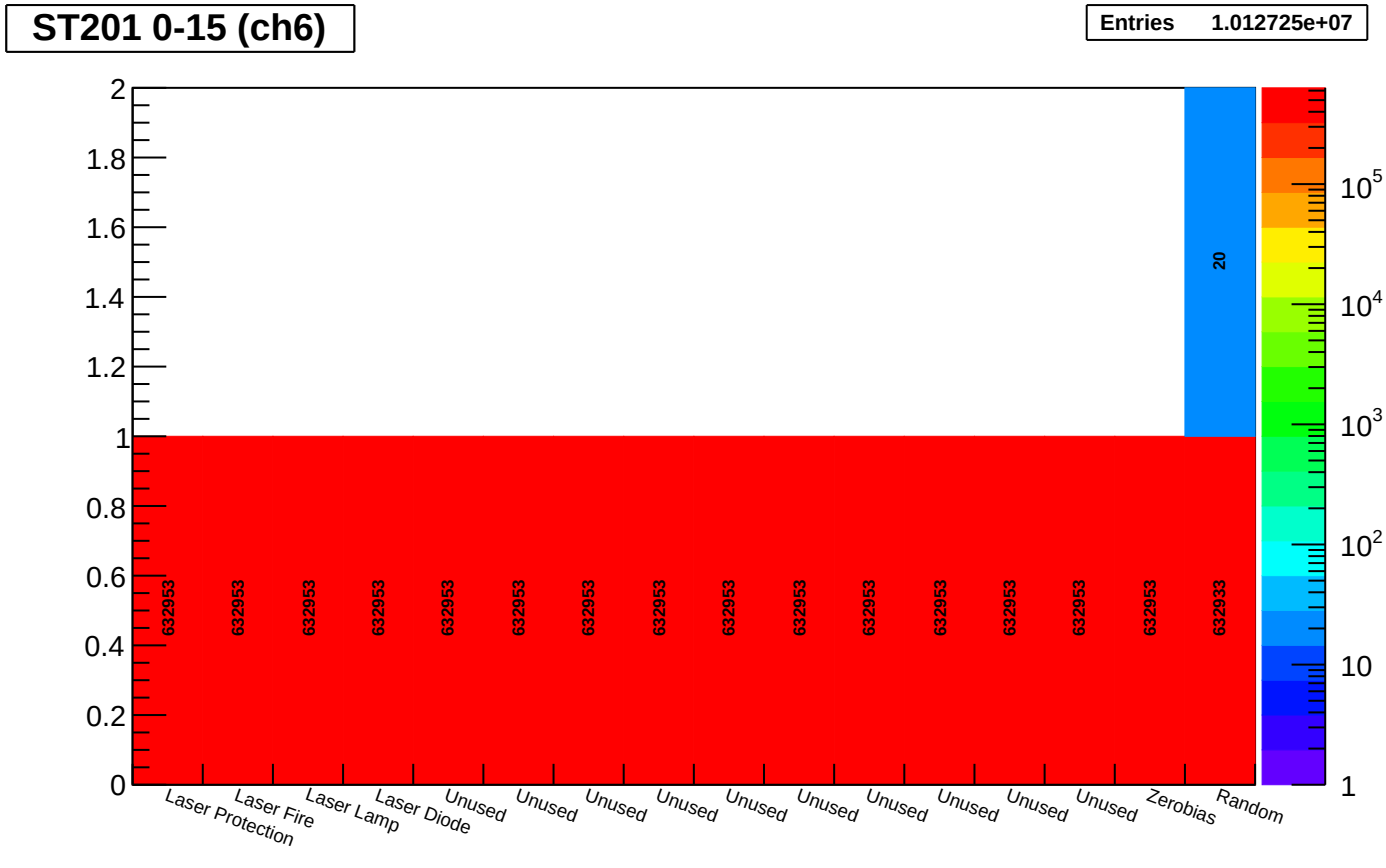

Entries 632953
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

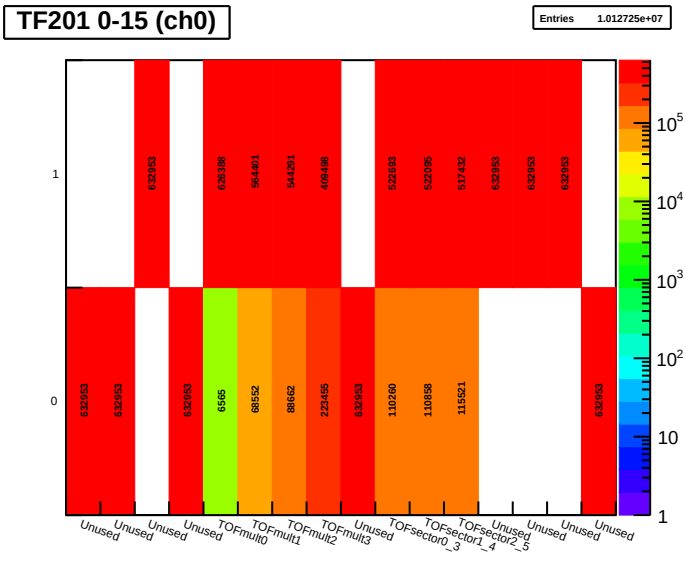

Entries 632953
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

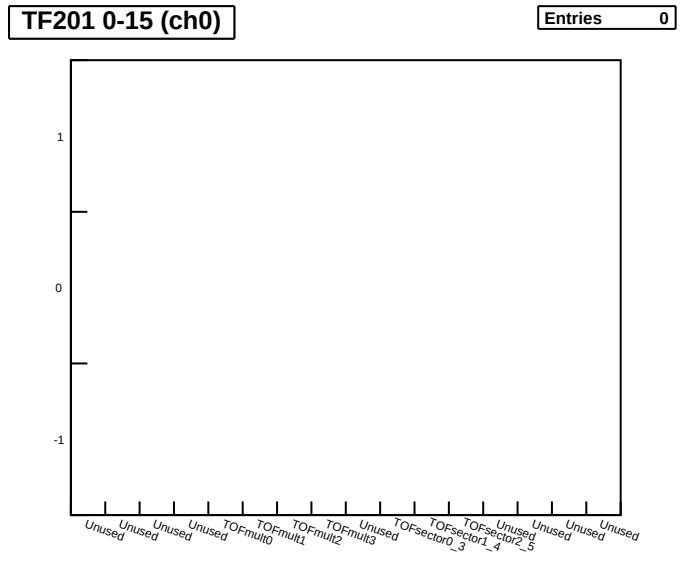

Entries 632953
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

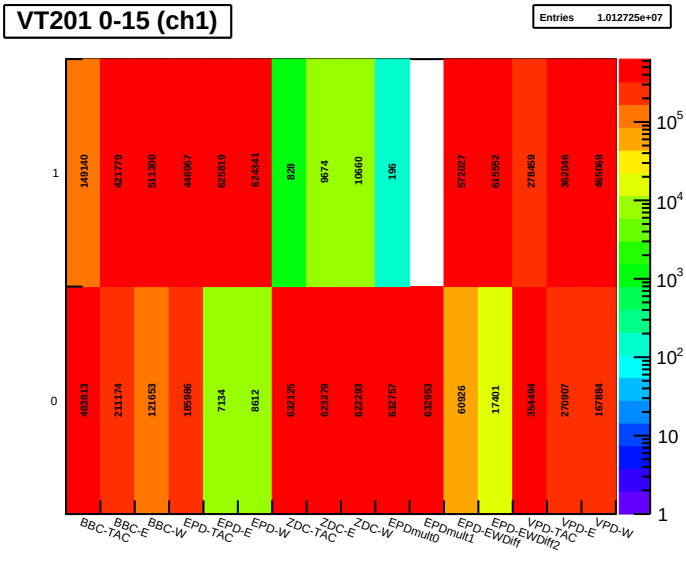

Entries 632953
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

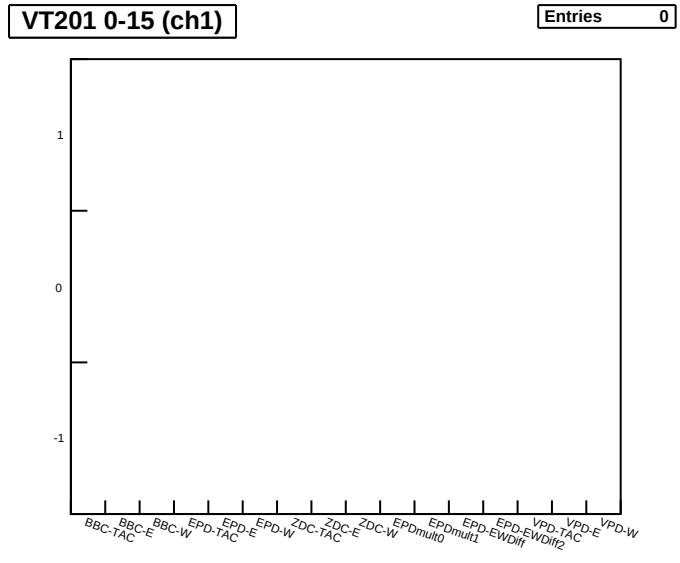

Laser Input Bits
Entries 632953
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

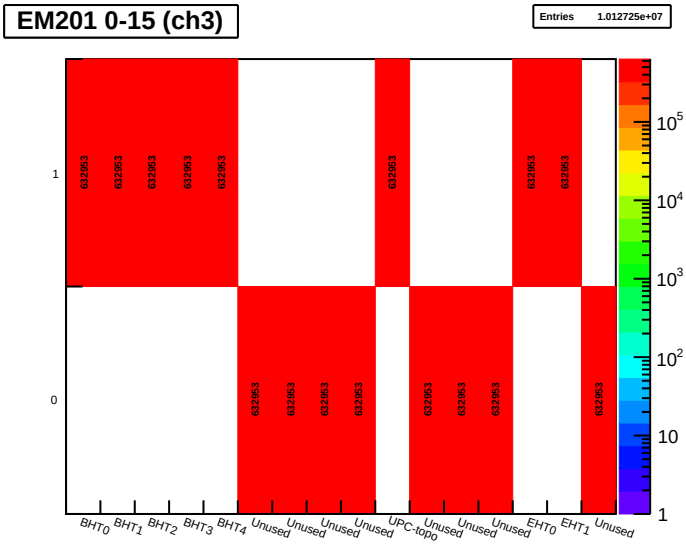

ST201 0-15 (ch6)
Entries 1.012725e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
20
632953
632933
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

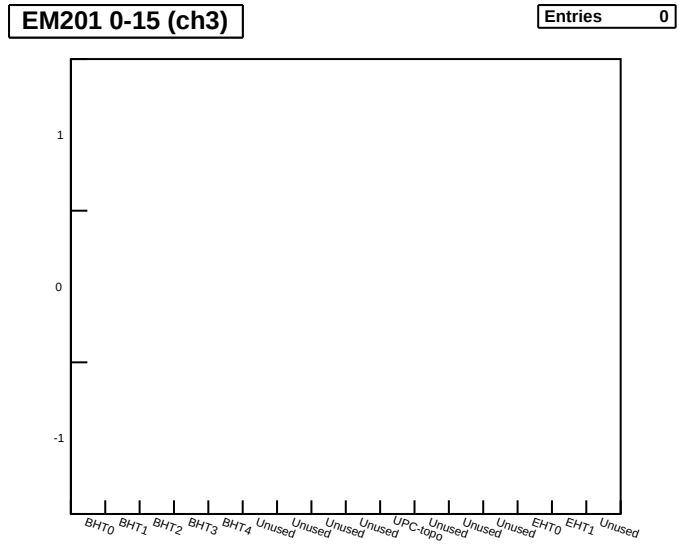

TF201 0-15 (ch0)
Entries 1.012725e+07
632953
626388
564401
544291
409498
522693
522095
517432
632953
632953
632953
632953
632953
6565
68552
88662
223455
632953
110260
110858
115521
632953
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


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


VT201 0-15 (ch1)
Entries 1.012725e+07
149140
421779
511300
446867
625819
624341
828
9674
10660
196
572027
615552
278459
362046
465069
483813
211174
121653
185986
7134
8612
632125
623279
622293
632757
632953
60926
17401
354494
270907
167884
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


VT201 0-15 (ch1)
Entries 0
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 1.012725e+07
632953
632953
632953
632953
632953
632953
632953
632953
632953
632953
632953
632953
632953
632953
632953
632953
632953
632953
632953
632953
632953
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1


EM201 0-15 (ch3)
Entries 0
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1