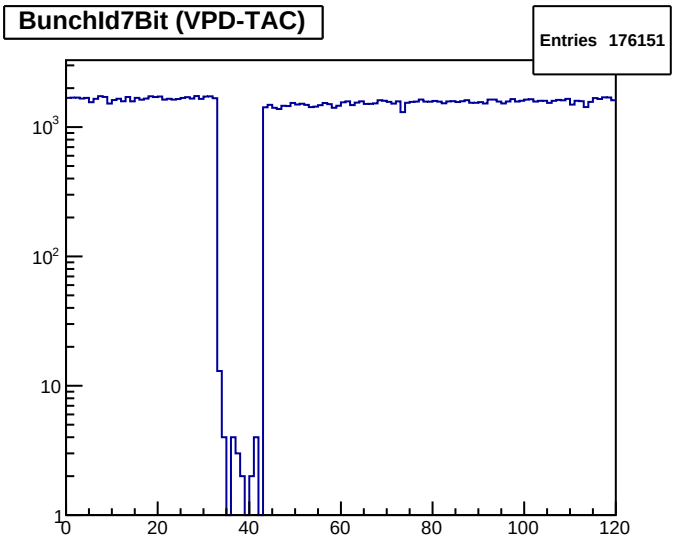
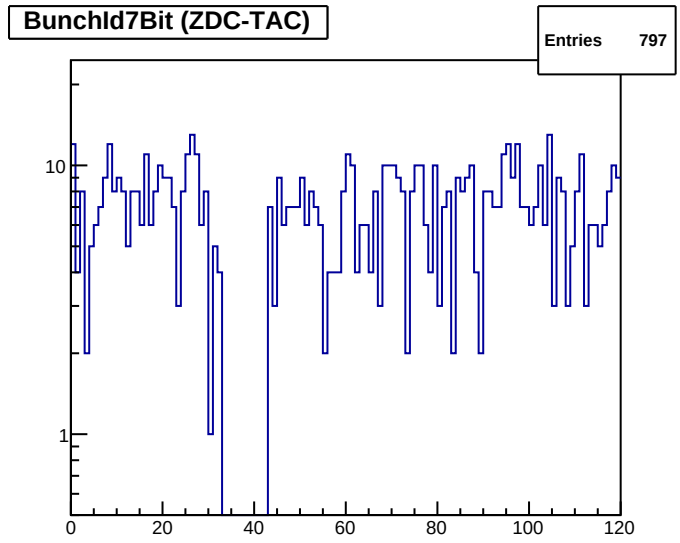
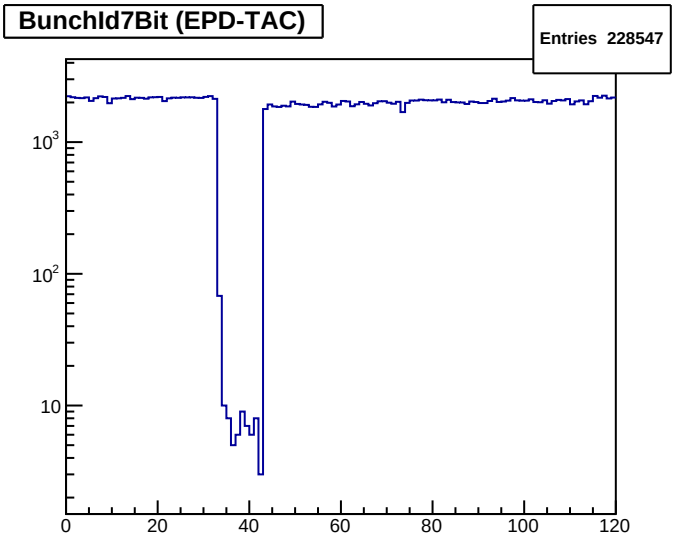
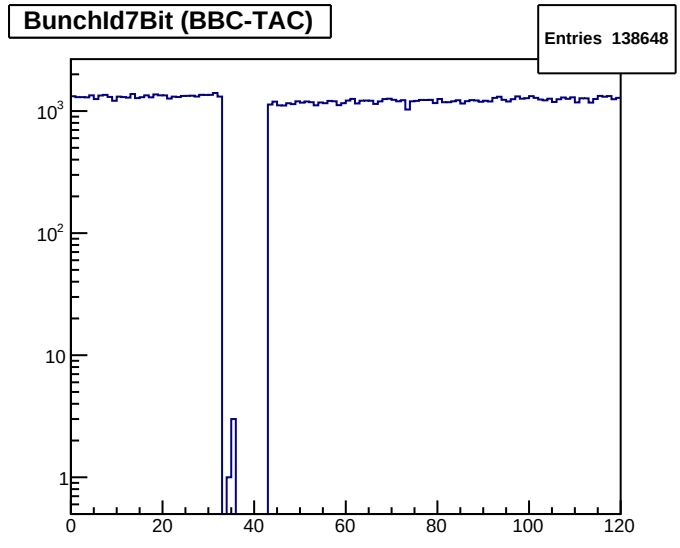
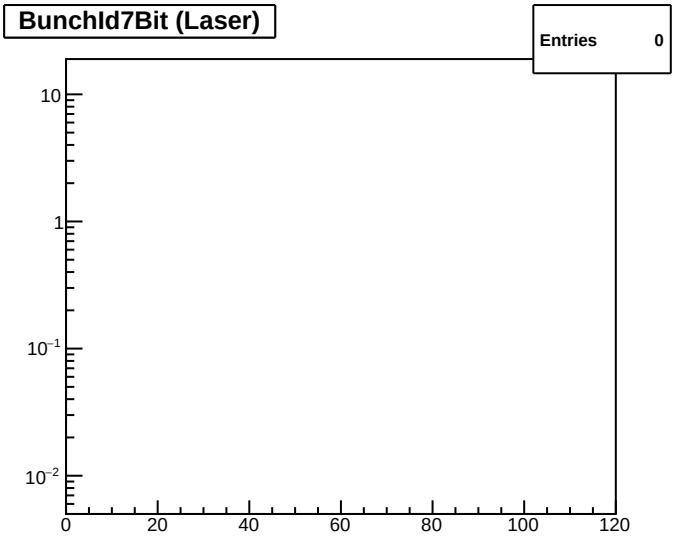
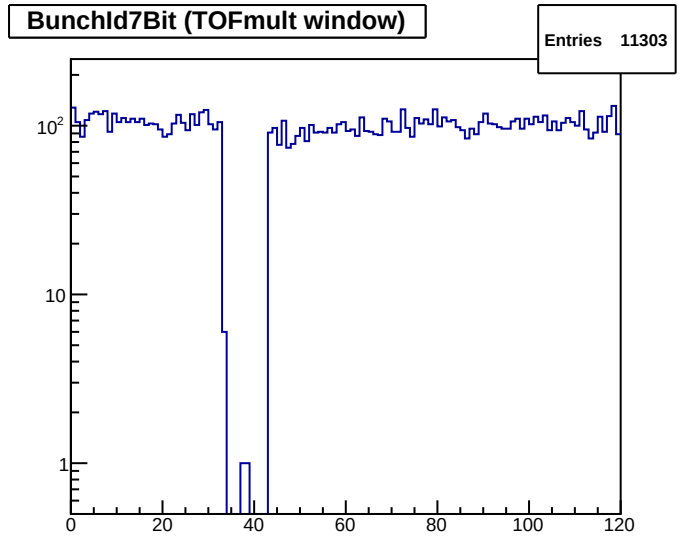

BunchId7Bit (VPD-TAC)
Entries 176151

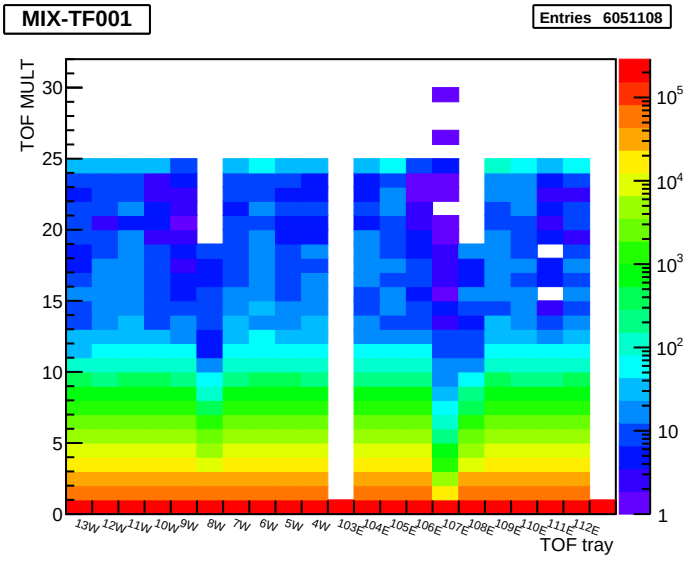

BunchId7Bit (ZDC-TAC)
Entries 797

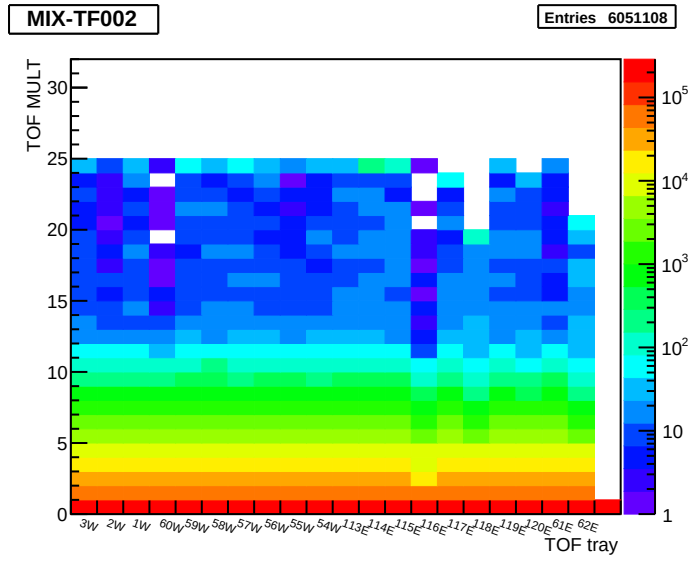

BunchId7Bit (EPD-TAC)
Entries 228547

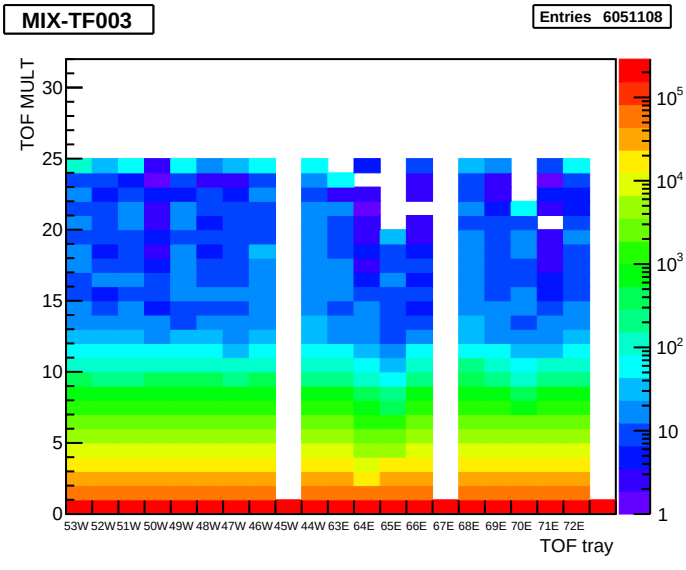

BunchId7Bit (BBC-TAC)
Entries 138648

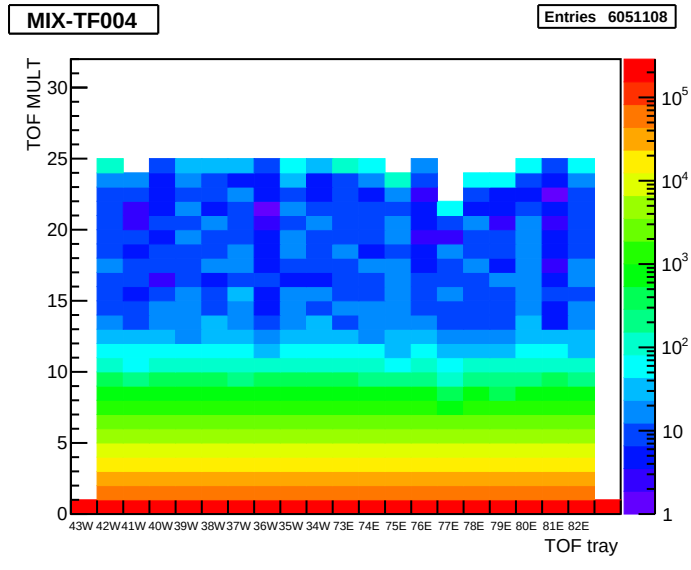

BunchId7Bit (Laser)
Entries 0

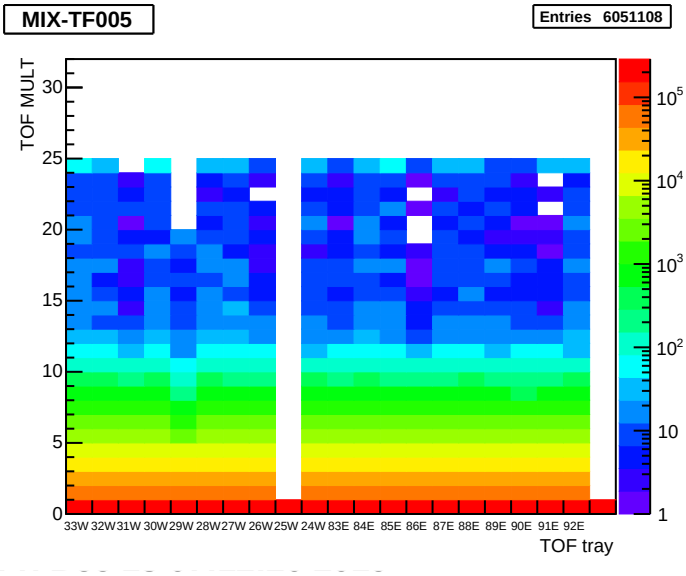

BunchId7Bit (TOFmult window)
Entries 11303

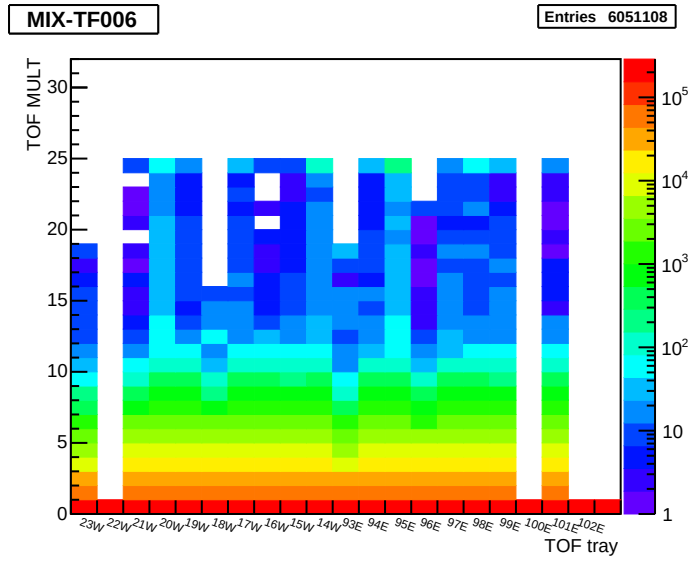

MIX-TF001
Entries 6051108
TOF MULT
TOF tray

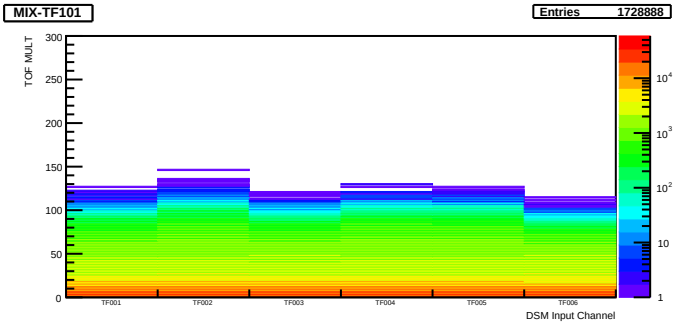

MIX-TF002
Entries 6051108
TOF MULT
TOF tray

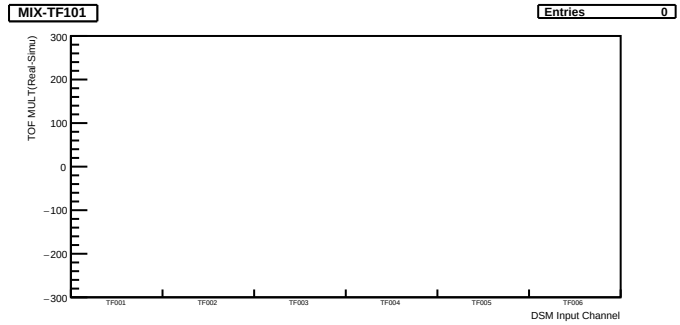

MIX-TF003
Entries 6051108
TOF MULT
TOF tray

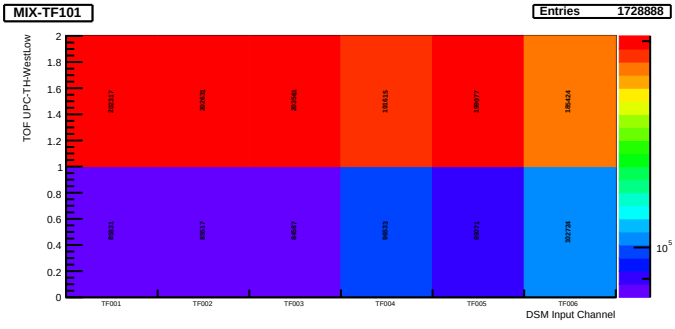

MIX-TF004
Entries 6051108
TOF MULT
TOF tray

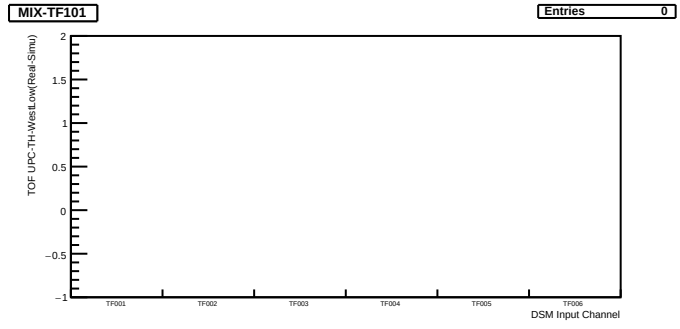

MIX-TF005
Entries 6051108
TOF MULT
TOF tray

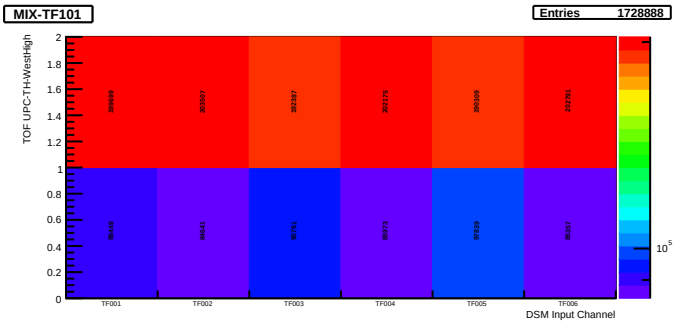

MIX-TF006
Entries 6051108
TOF MULT
TOF tray

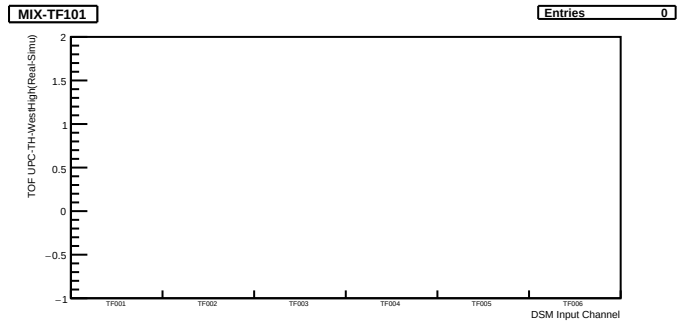

MIX-TF101
Entries 1728888
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

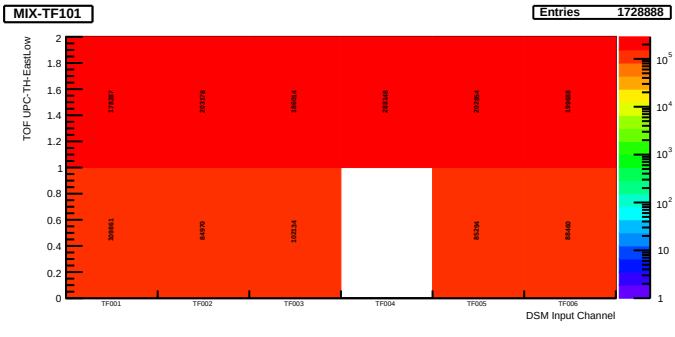

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

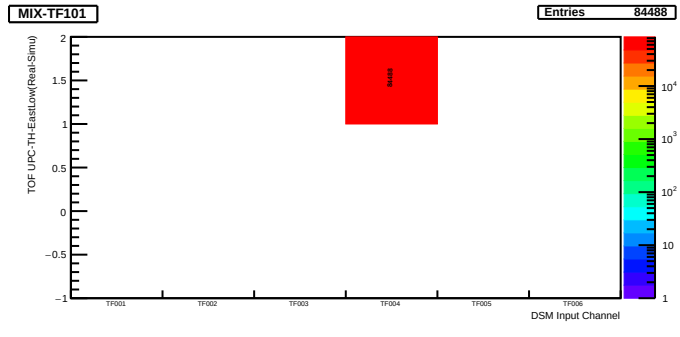

MIX-TF101
Entries 1728888
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

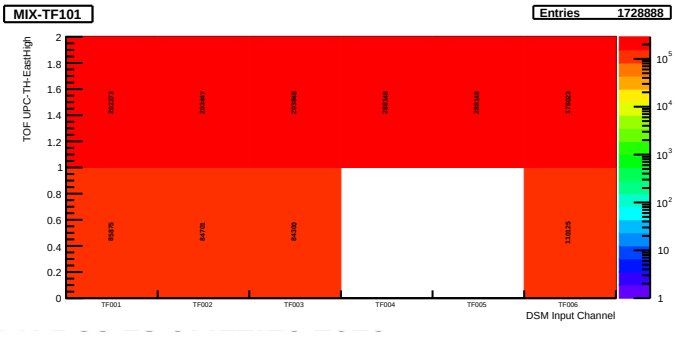

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

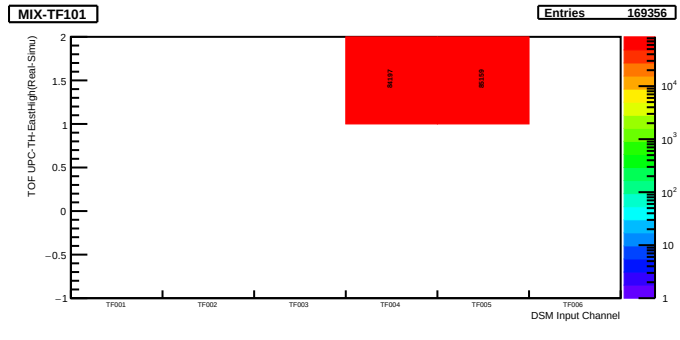

MIX-TF101
Entries 1728888
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

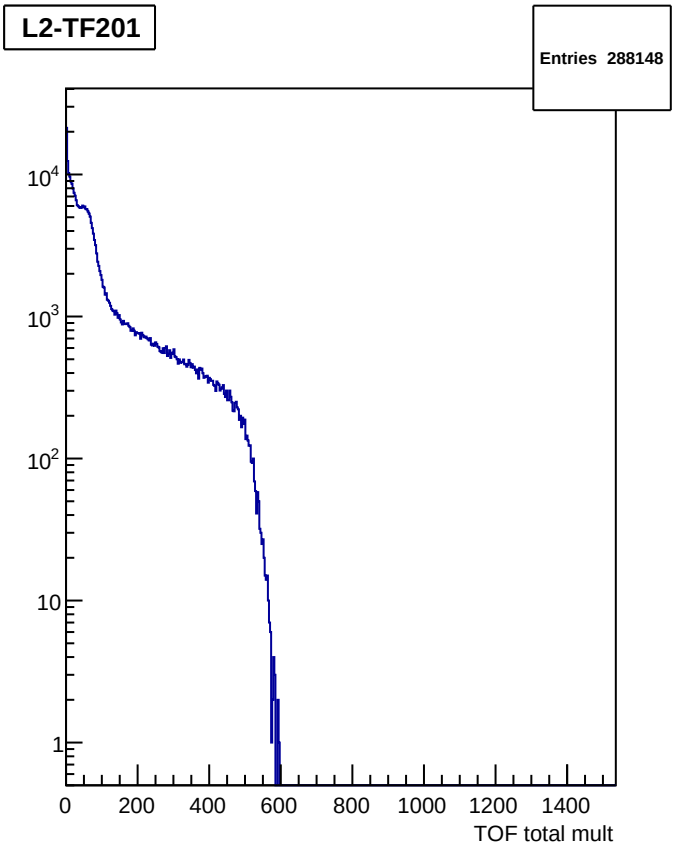

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

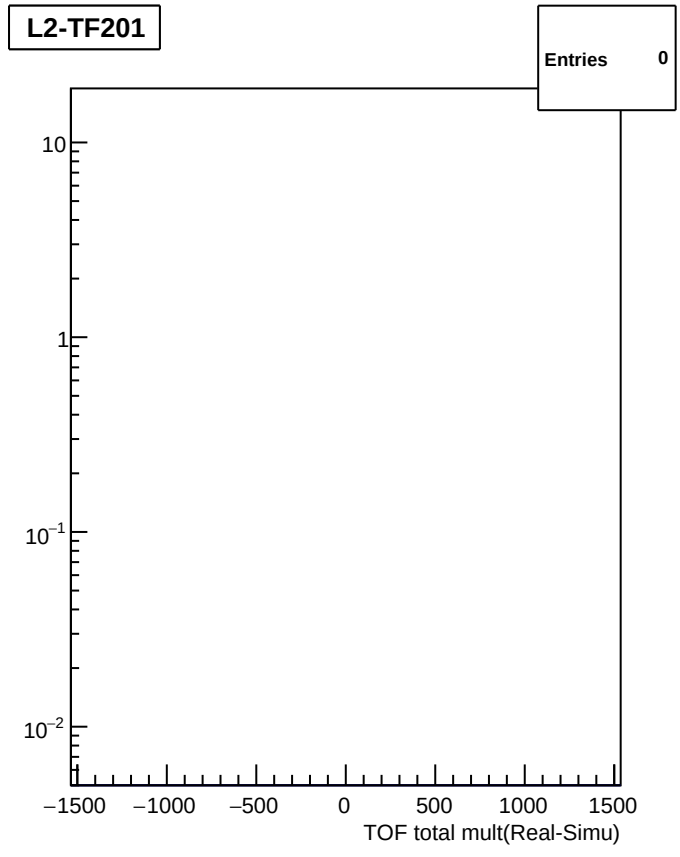

MIX-TF101
Entries 1728888
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

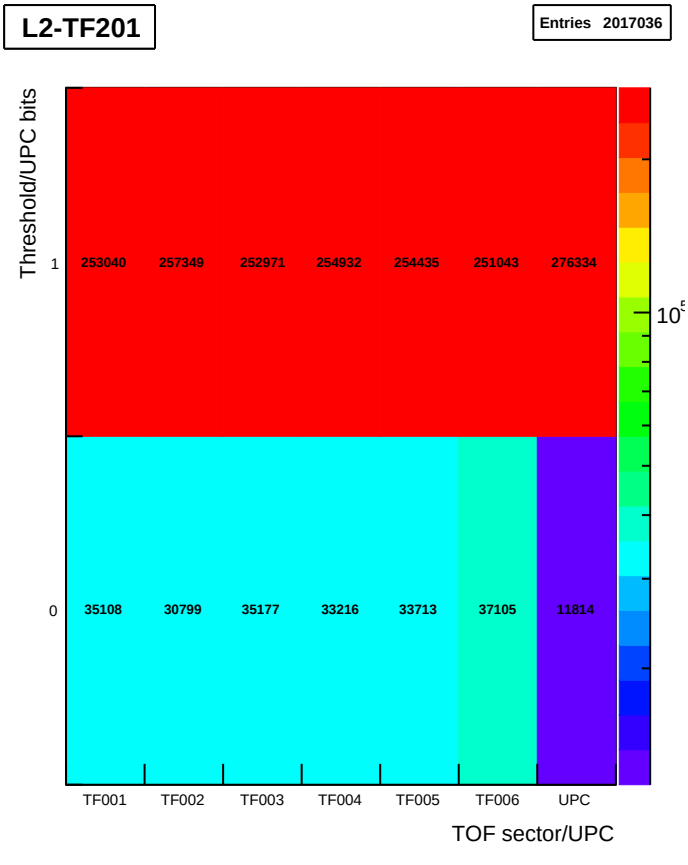

MIX-TF101
Entries 84488
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

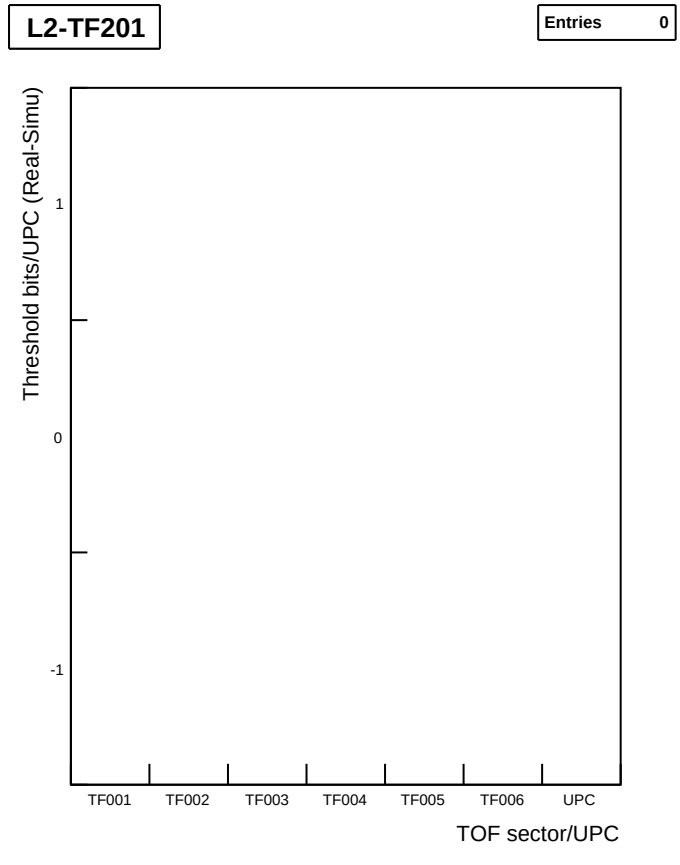

MIX-TF101
Entries 1728888
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

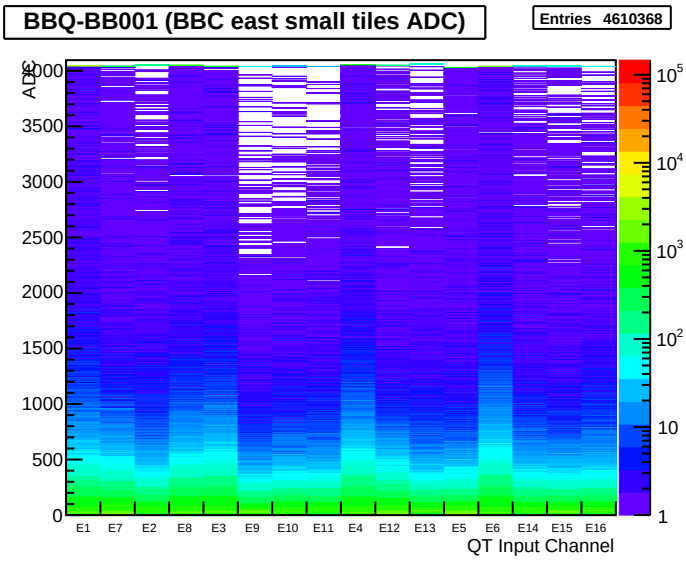

MIX-TF101
Entries 169356
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

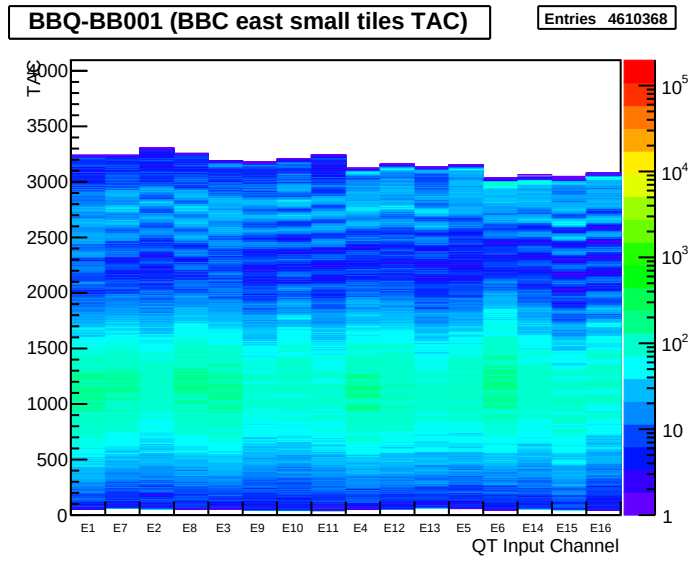

L2-TF201
Entries 288148
TOF total mult

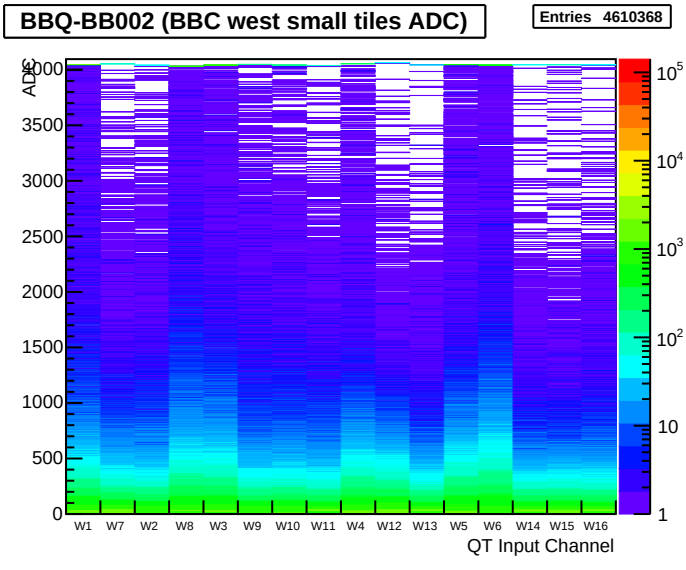

L2-TF201
Entries 0
TOF total mult(Real-Simu)

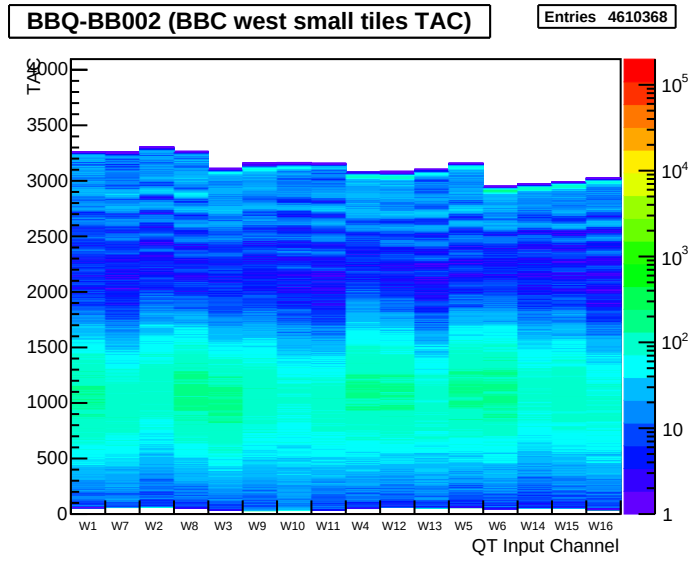

L2-TF201
Entries 2017036
Threshold/UPC bits
253040 257349 252971 254932 254435 251043 276334
35108 30799 35177 33216 33713 37105 11814
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

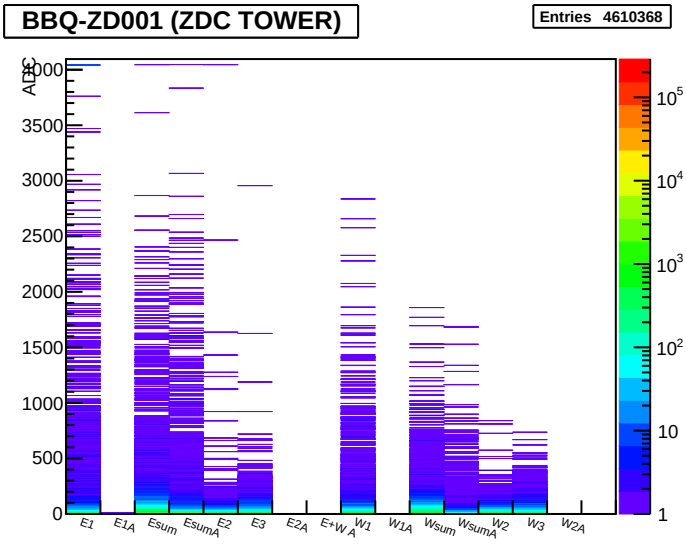

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

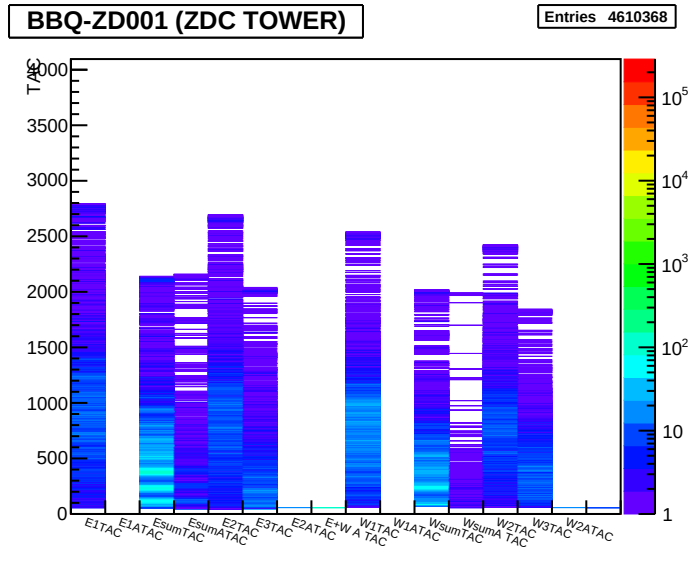

BBQ-BB001 (BBC east small tiles ADC)
Entries 4610368
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

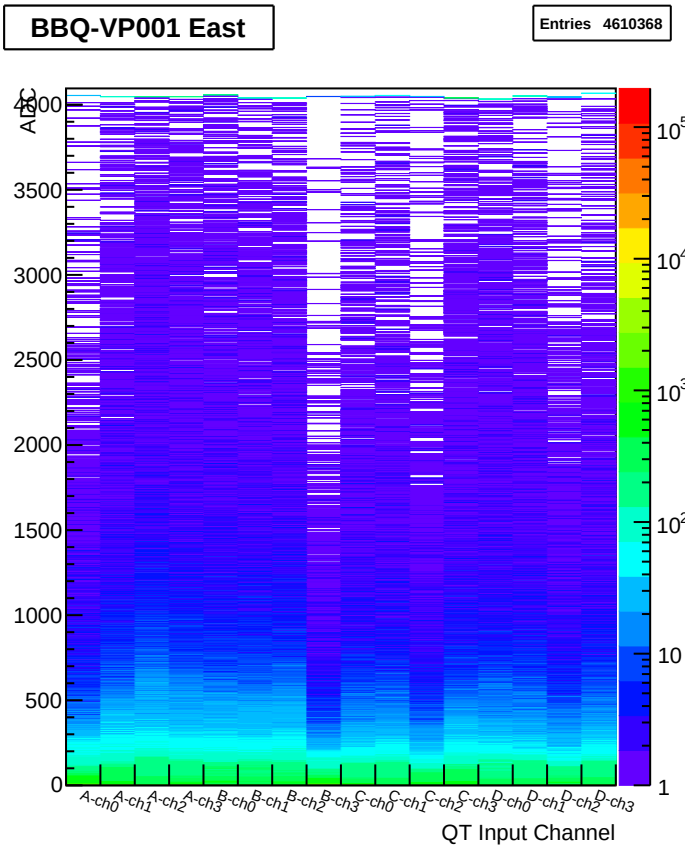

BBQ-BB001 (BBC east small tiles TAC)
Entries 4610368
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

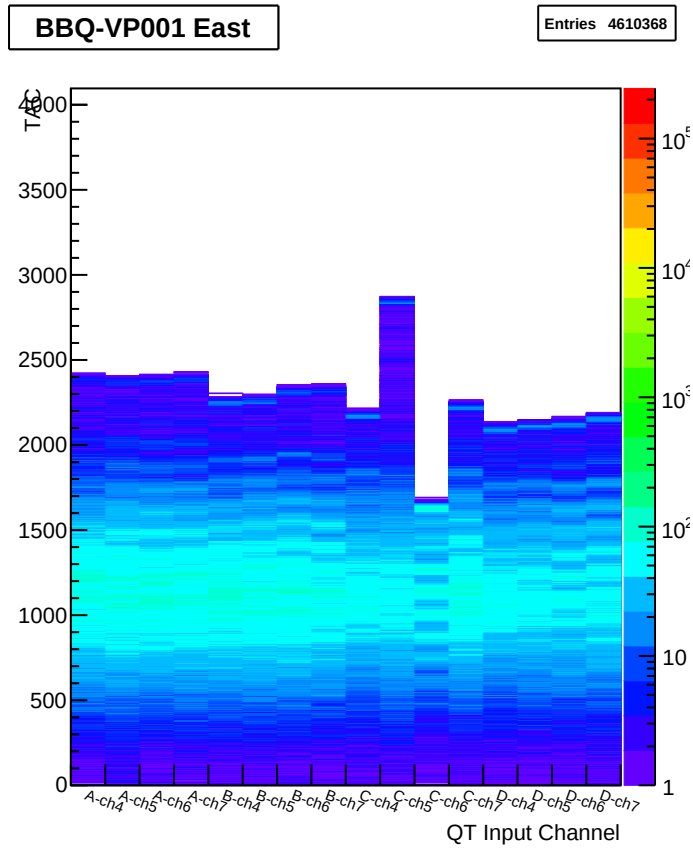

BBQ-BB002 (BBC west small tiles ADC)
Entries 4610368
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

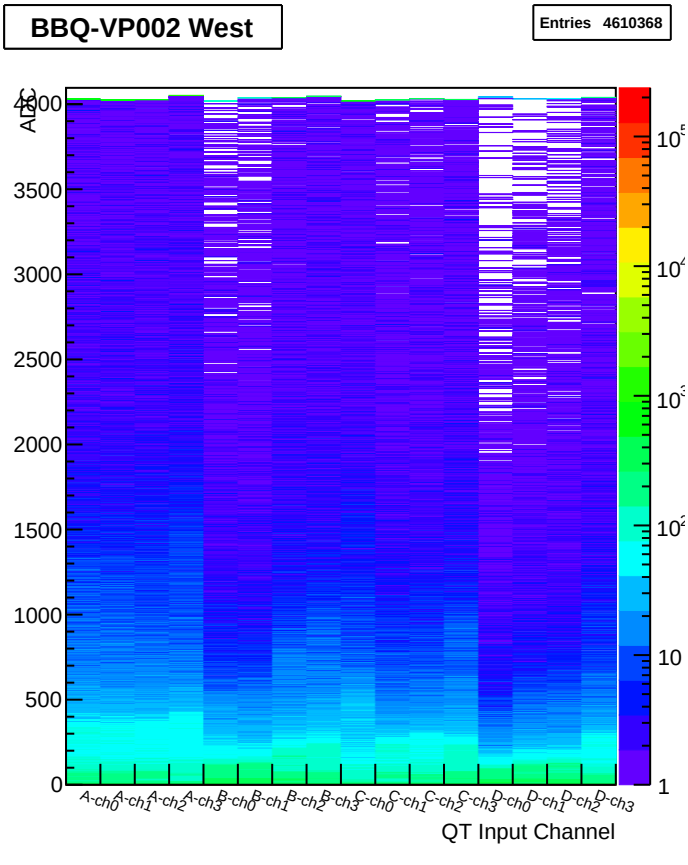

BBQ-BB002 (BBC west small tiles TAC)
Entries 4610368
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

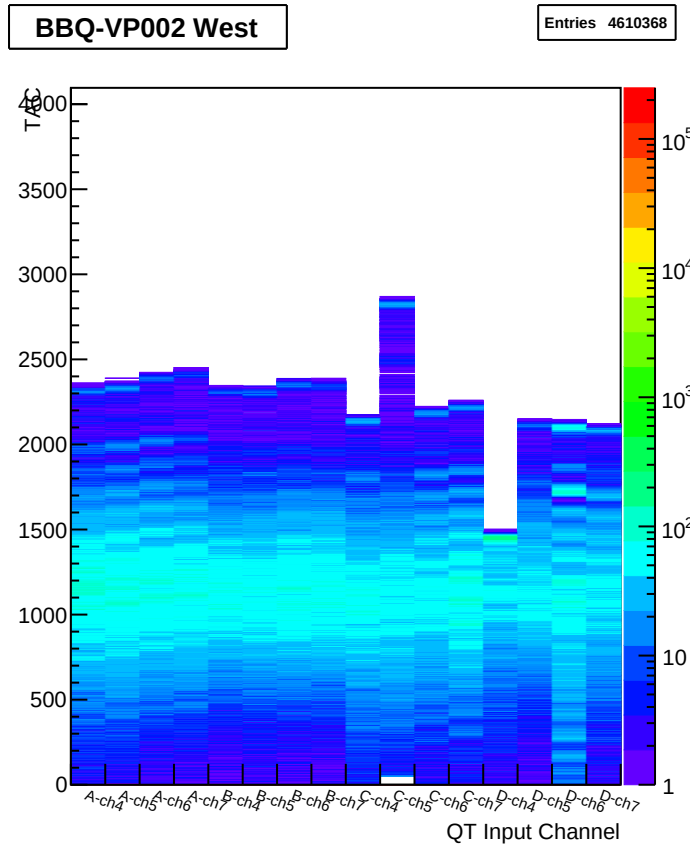

BBQ-ZD001 (ZDC TOWER)
Entries 4610368
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

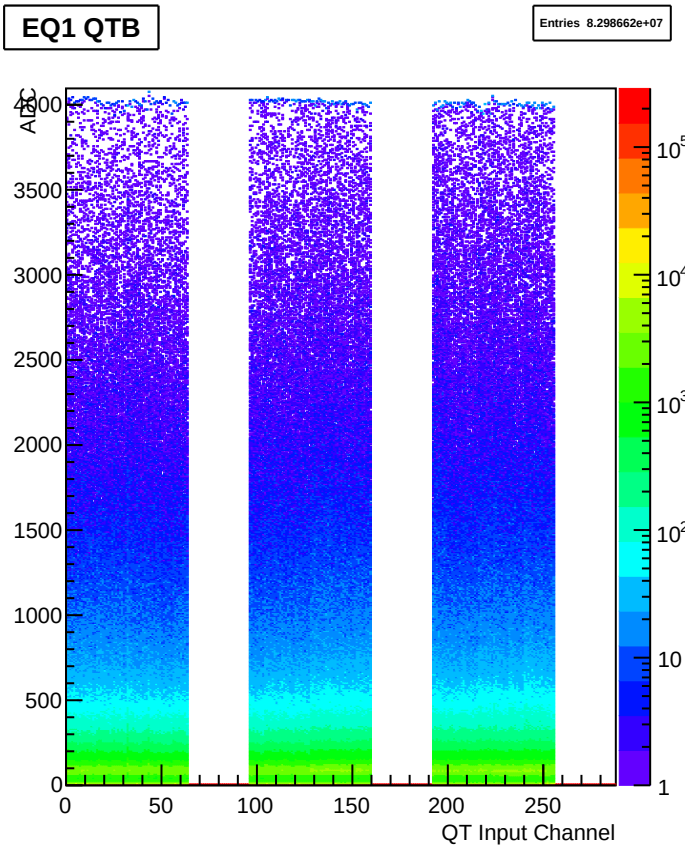

BBQ-ZD001 (ZDC TOWER)
Entries 4610368
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

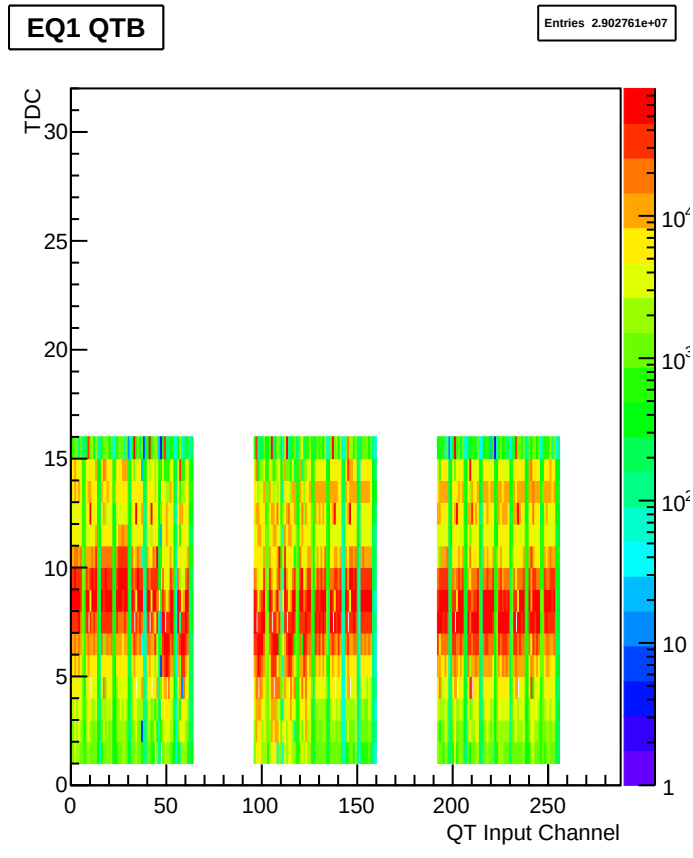

BBQ-VP001 East
Entries 4610368
ADC
QT Input Channel

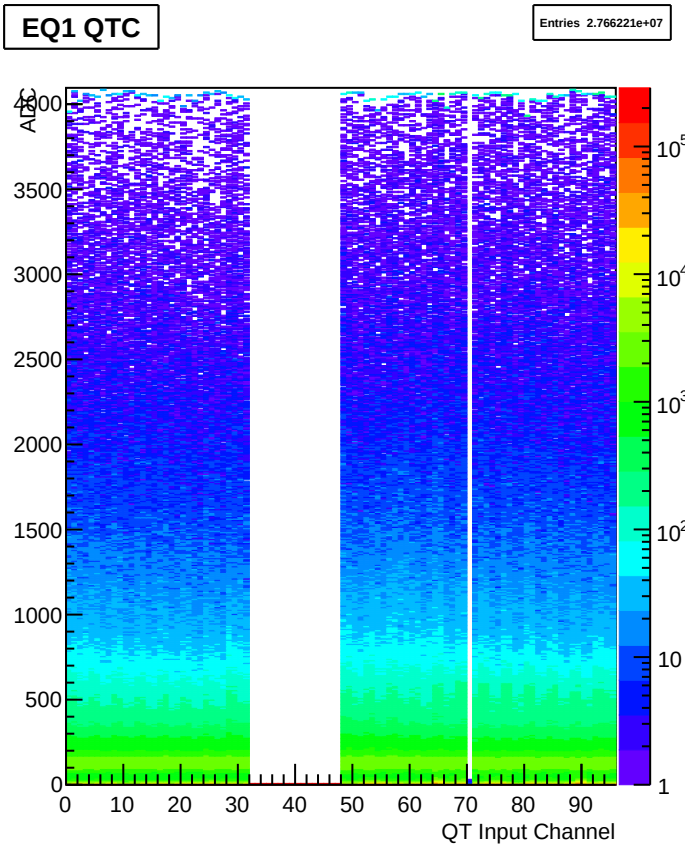

BBQ-VP001 East
Entries 4610368
TADC
QT Input Channel

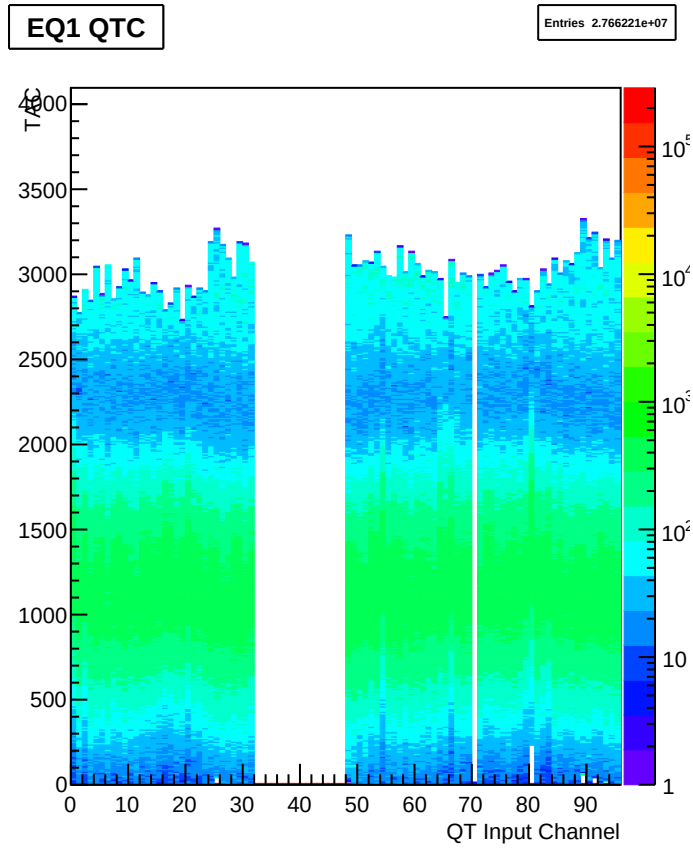

BBQ-VP002 West
Entries 4610368
ADC
QT Input Channel

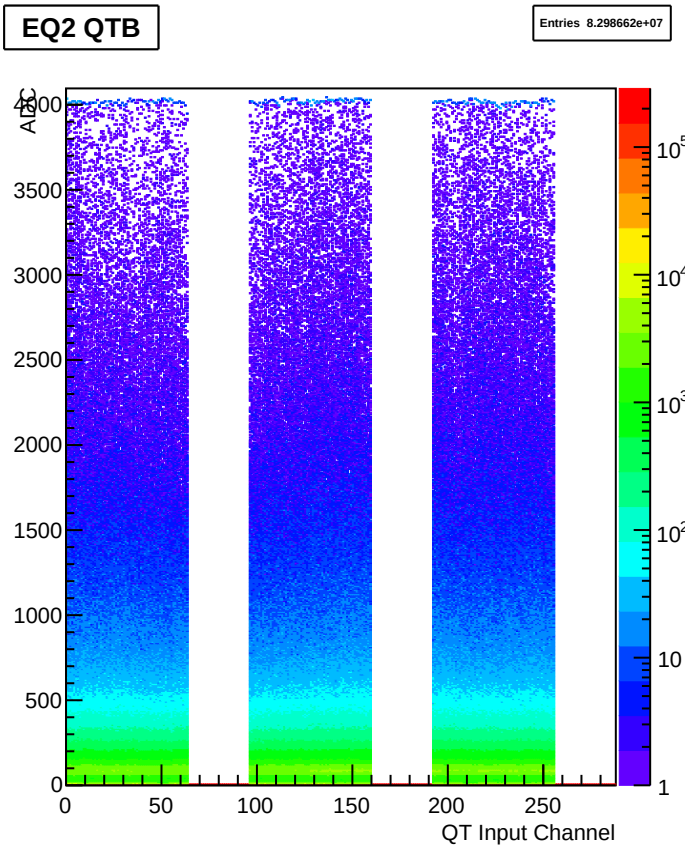

BBQ-VP002 West
Entries 4610368
TADC
QT Input Channel

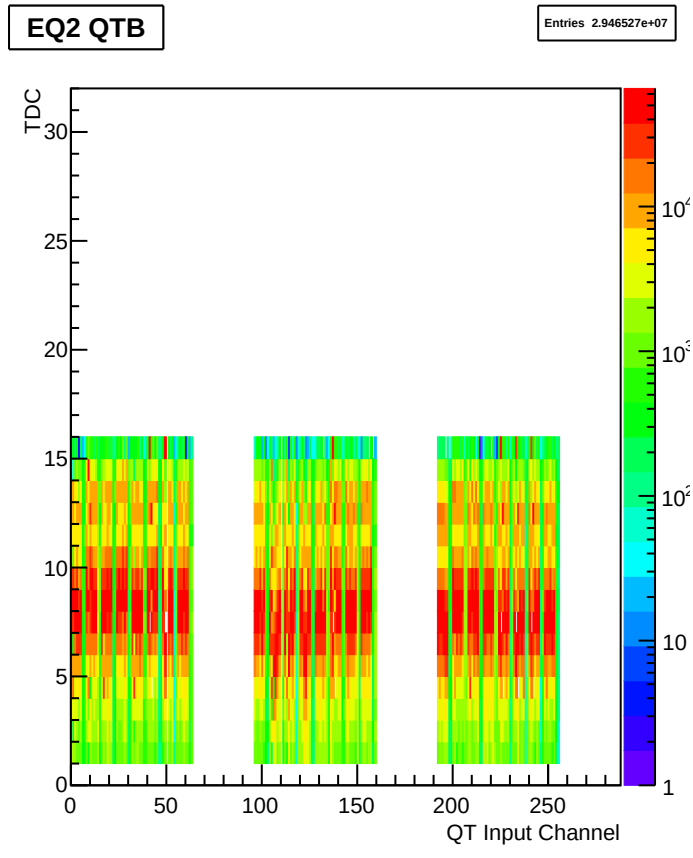

EQ1 QTB
Entries 8.298662e+07
ADC
QT Input Channel

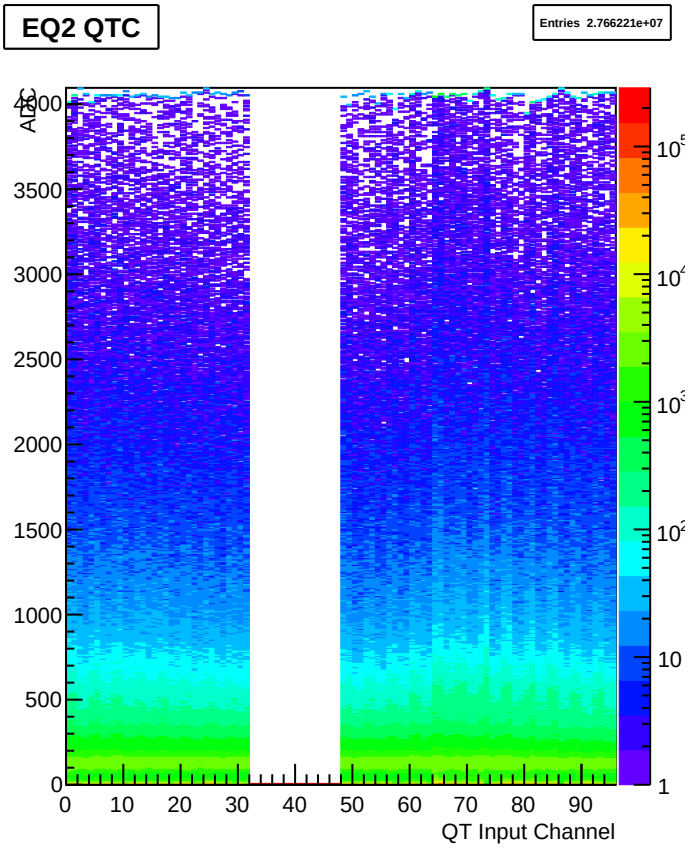

EQ1 QTB
Entries 2.902761e+07
TDC
QT Input Channel

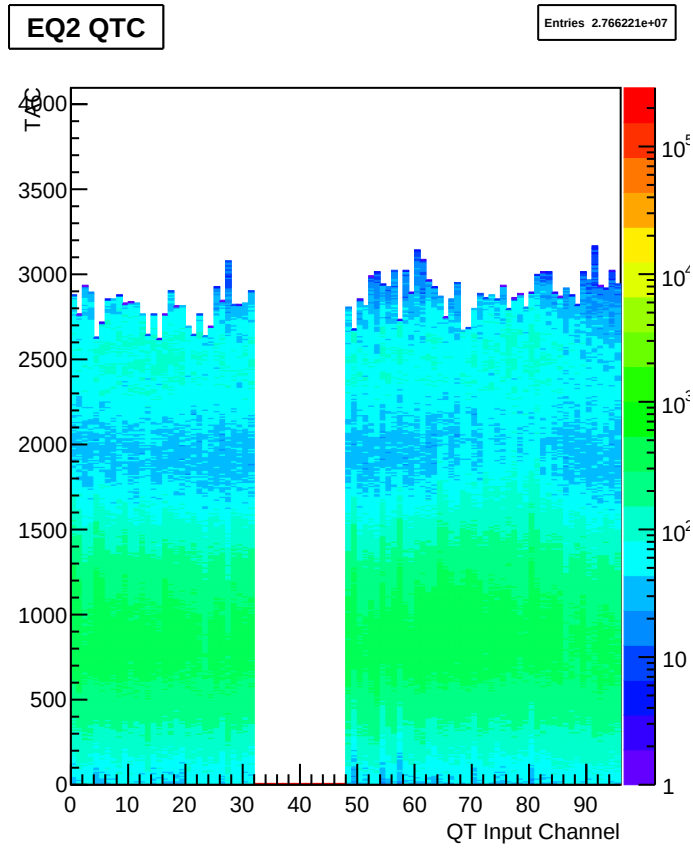

EQ1 QTC
Entries 2.766221e+07
ADC
QT Input Channel

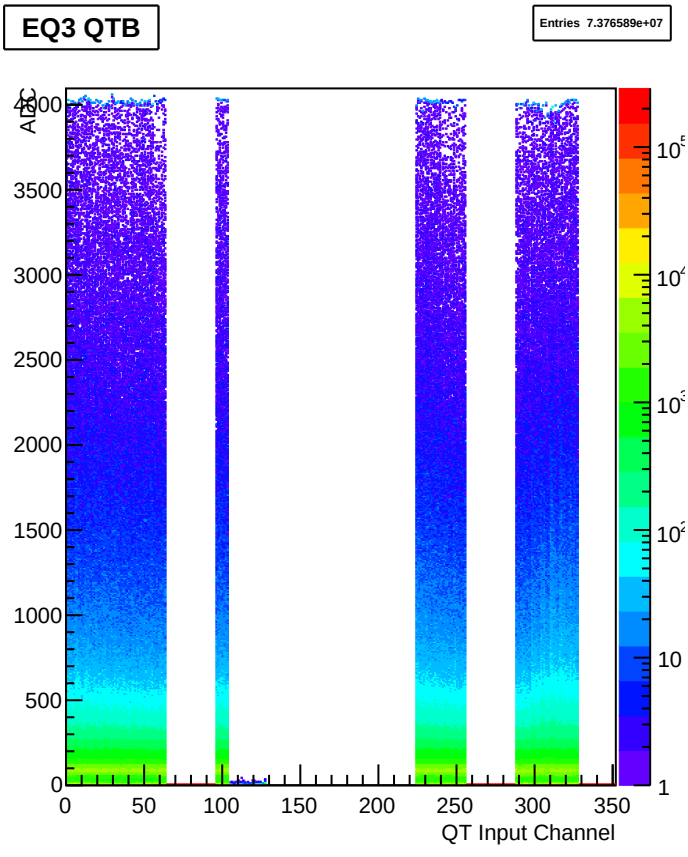

EQ1 QTC
Entries 2.766221e+07
TADC
QT Input Channel

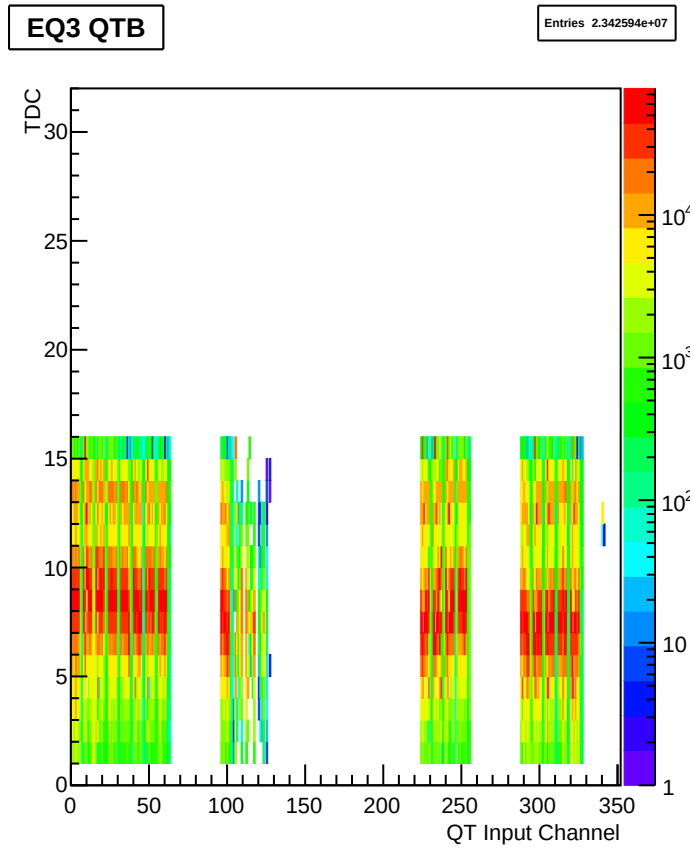

EQ2 QTB
Entries 8.298662e+07
ADC
QT Input Channel

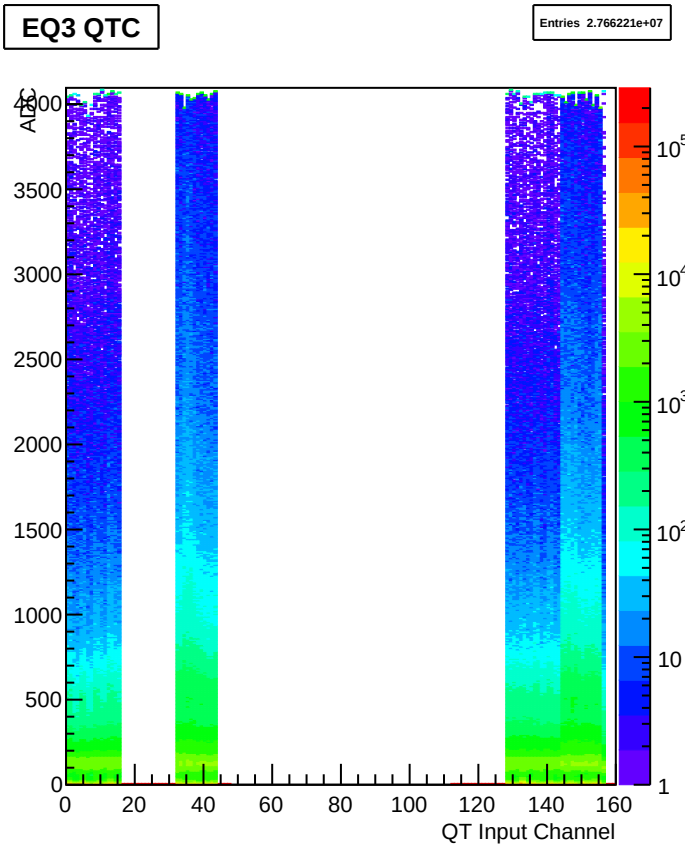

EQ2 QTB
Entries 2.946527e+07
TDC
QT Input Channel

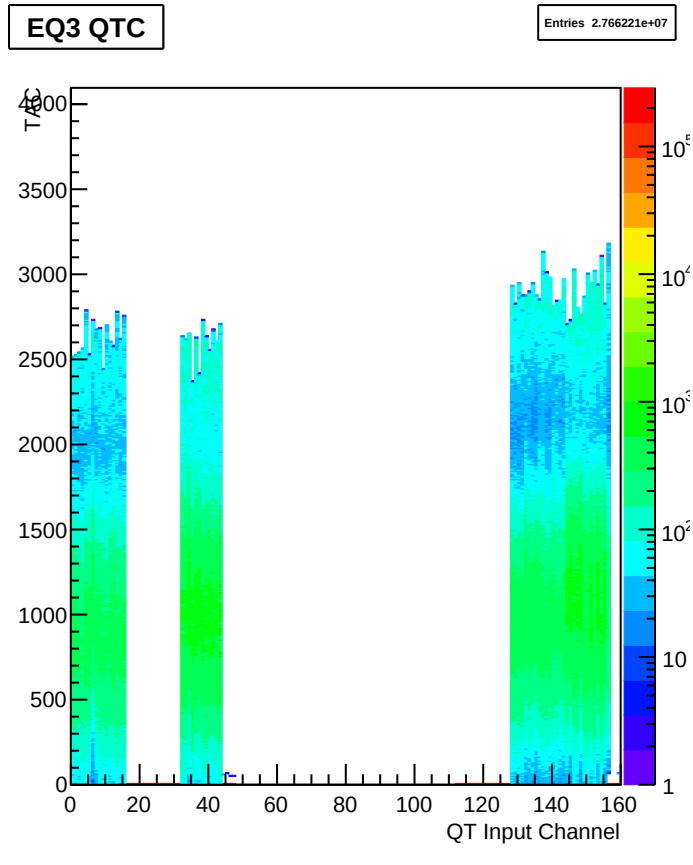

EQ2 QTC
Entries 2.766221e+07
ADC
QT Input Channel

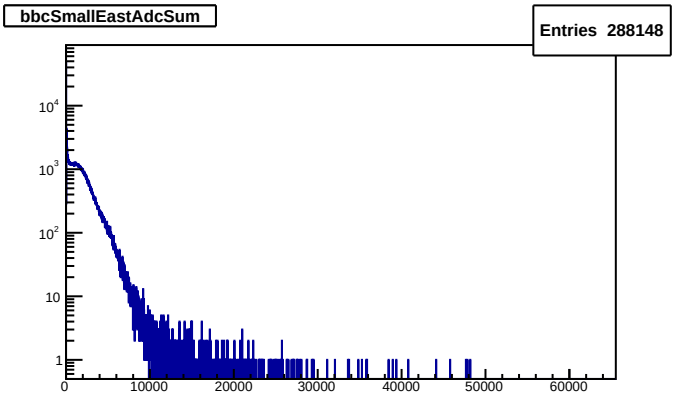

EQ2 QTC
Entries 2.766221e+07
TADC
QT Input Channel

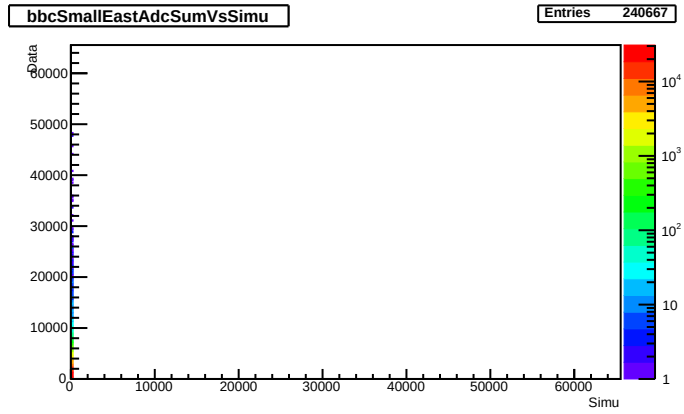

EQ3 QTB
Entries 7.376589e+07
ADC
QT Input Channel

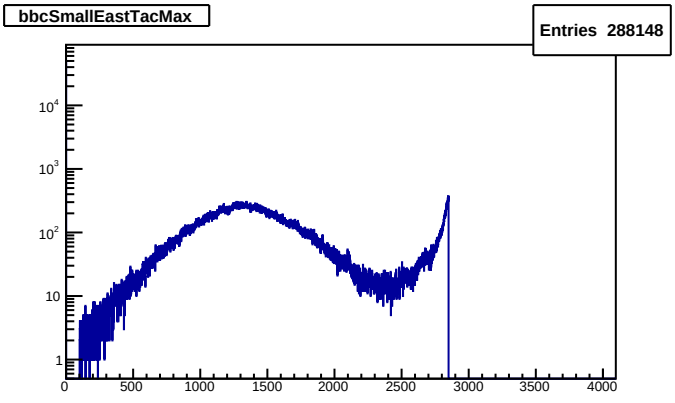

EQ3 QTB
Entries 2.342594e+07
TDC
QT Input Channel


EQ3 QTC
Entries 2.766221e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.766221e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 288148


bbcSmallEastAdcSumVsSimu
Entries 240667
Data
Simu


bbcSmallEastTacMax
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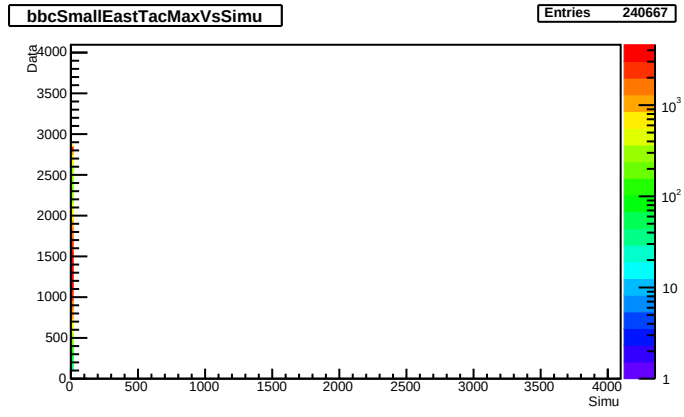
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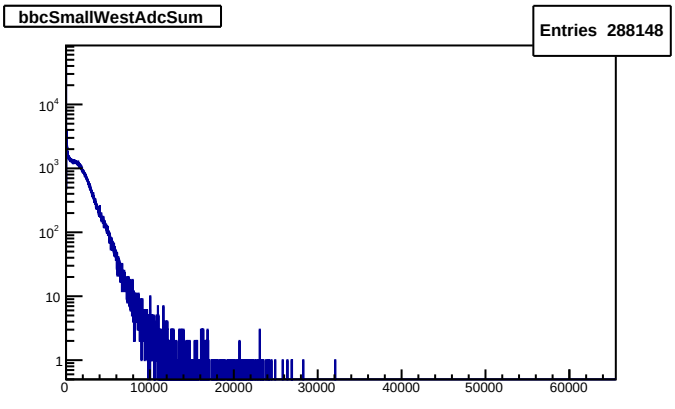
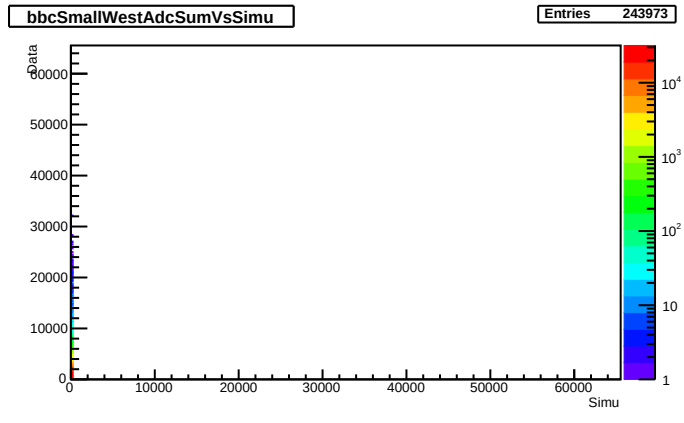
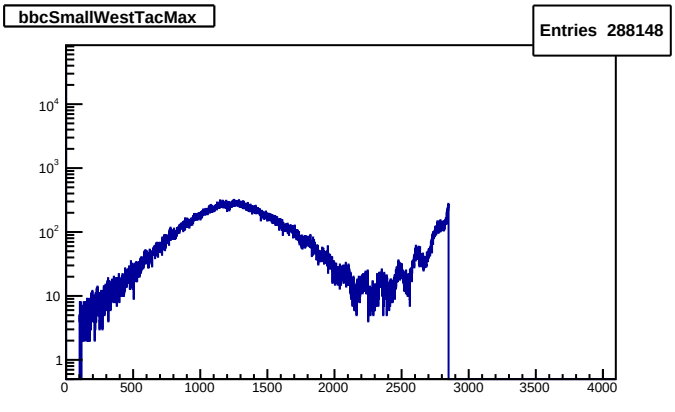
Entries 240667
Data
Simu


bbcSmallWestAdcSum
Entries 288148


bbcSmallWestAdcSumVsSimu
Entries 243973
Data
Simu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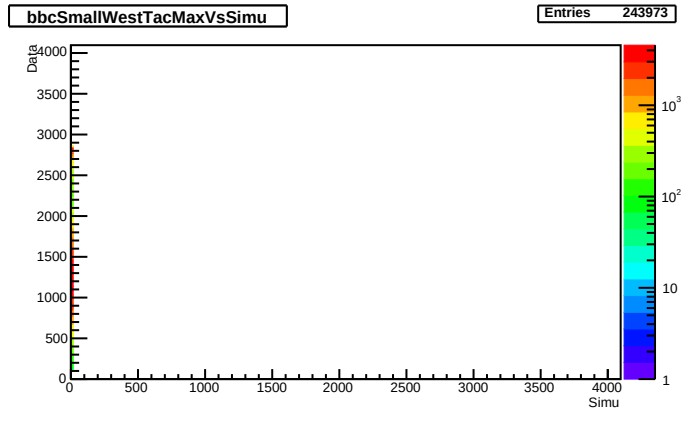
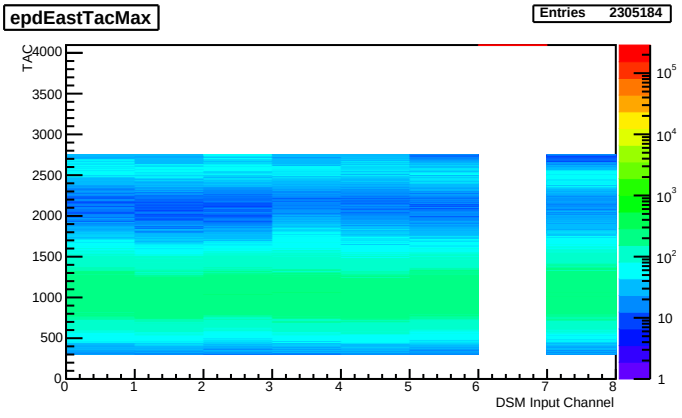
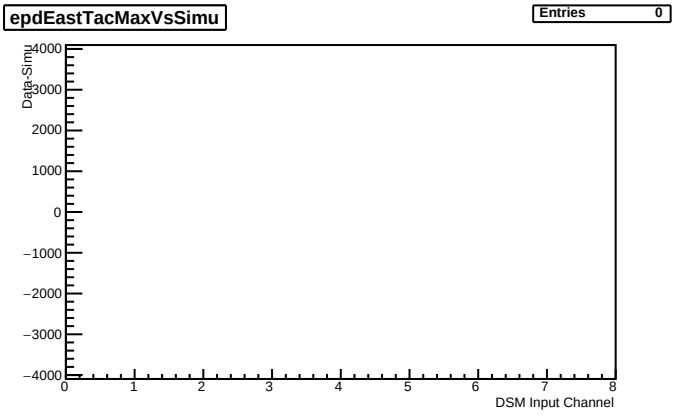
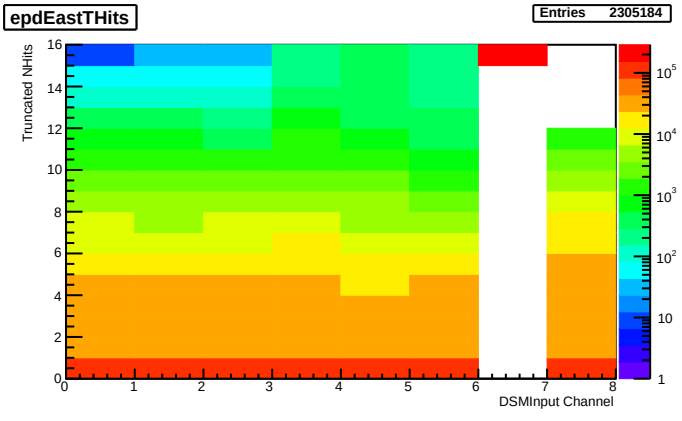
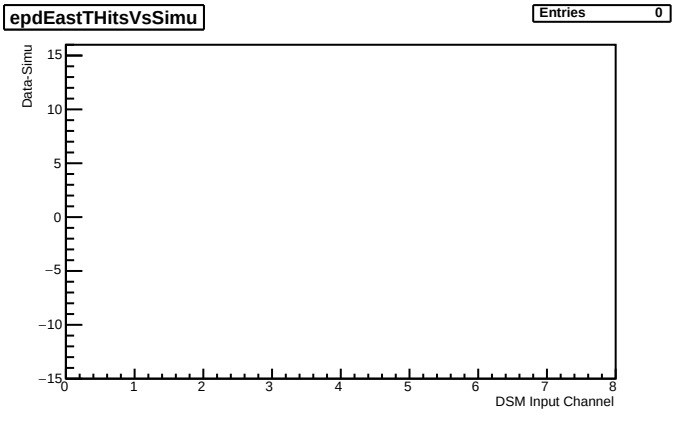
Entries 288148


bbcSmallWestTacMaxVsSimu
Entries 243973
Data
Simu


epdEastTacMax
Entries 2305184
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2305184
Truncated NHits
DSMInput Channel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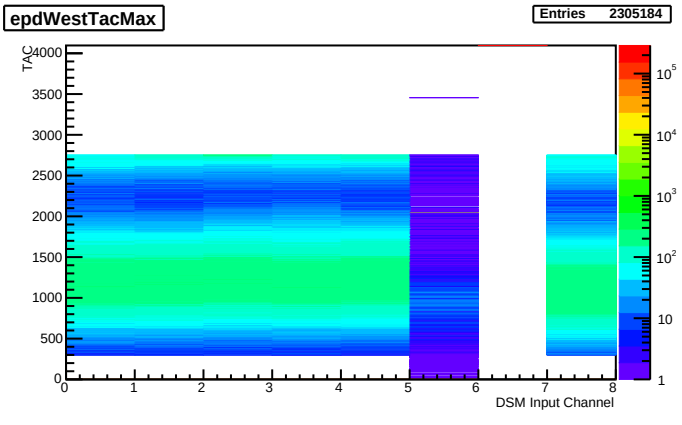
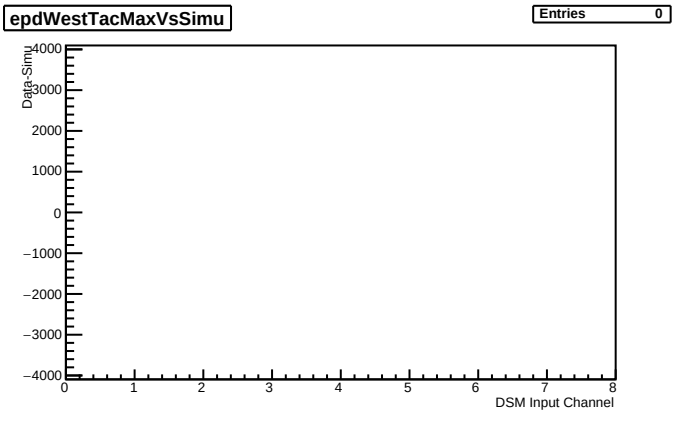
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2305184
TAC
DSM Input Channel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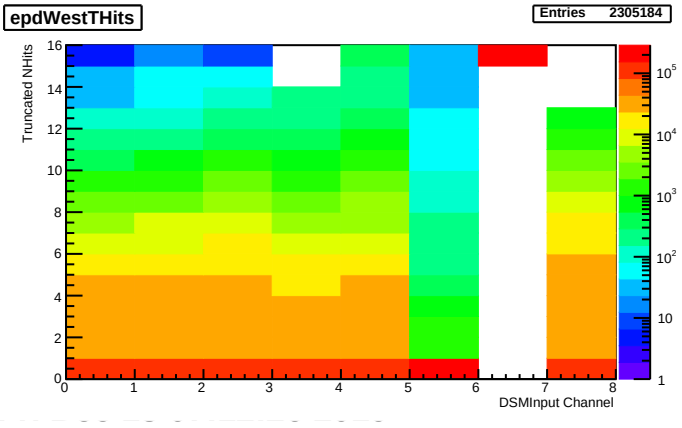
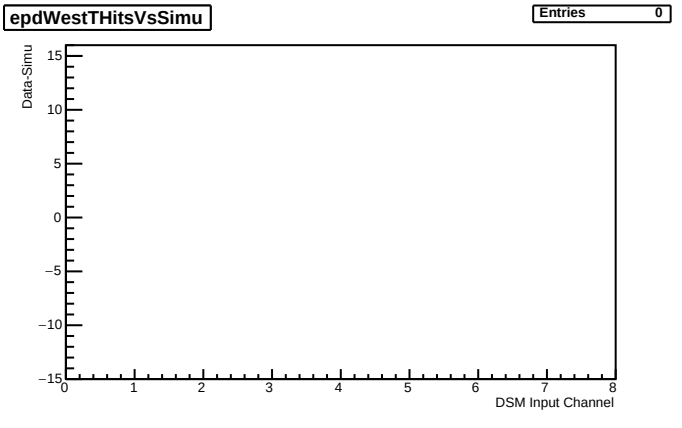
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2305184
Truncated NHits
DSMInput Channel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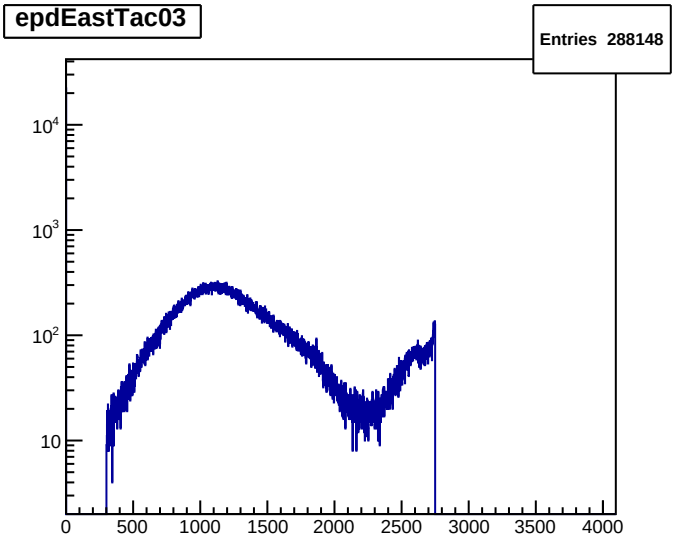
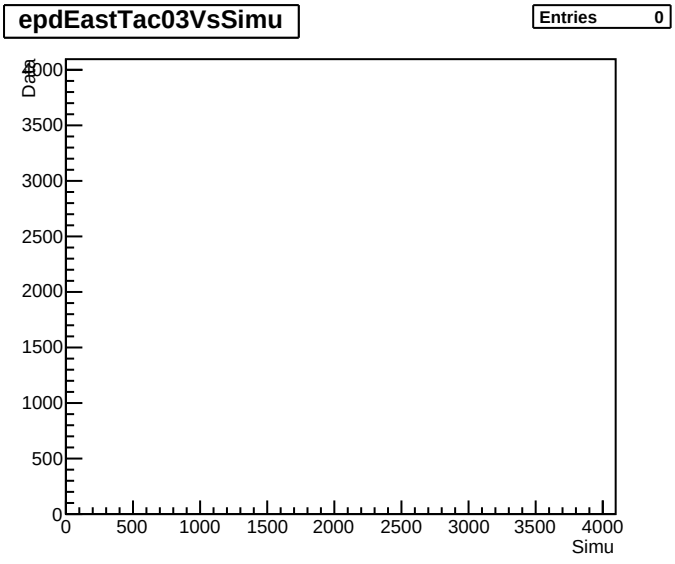
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 288148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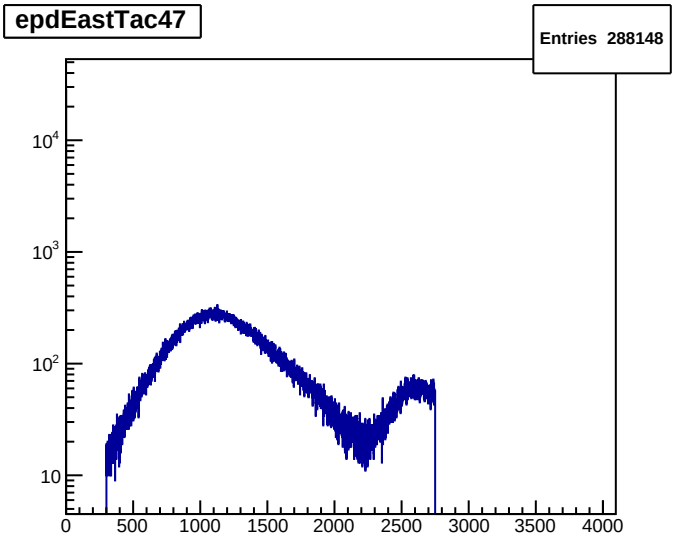
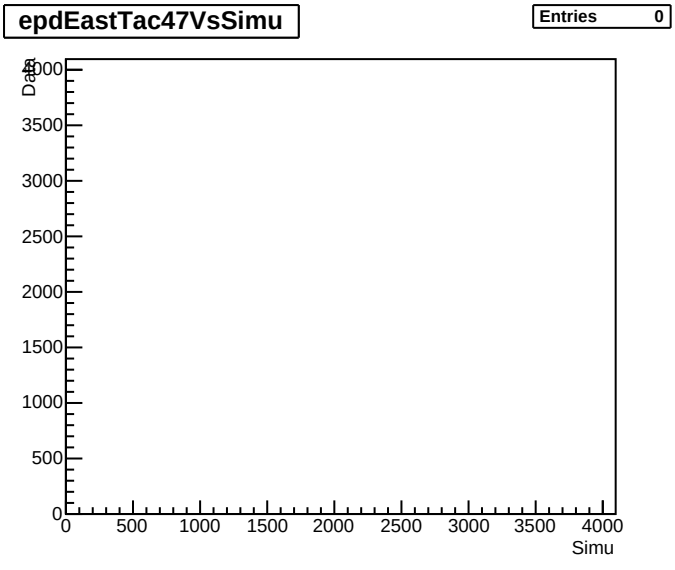
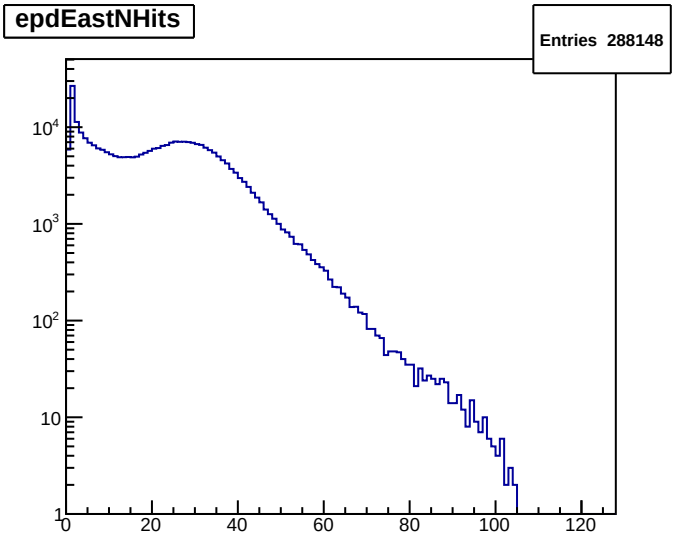
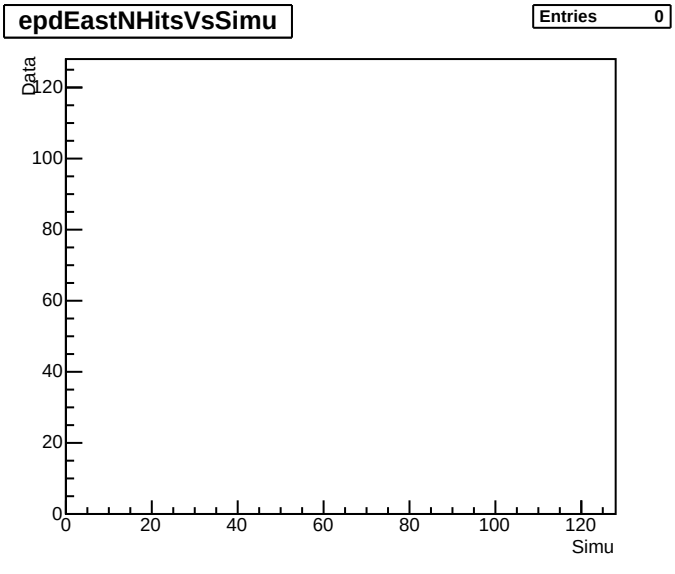
Entries 0
Data
Simu


epdEastTac47
Entries 288148


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 288148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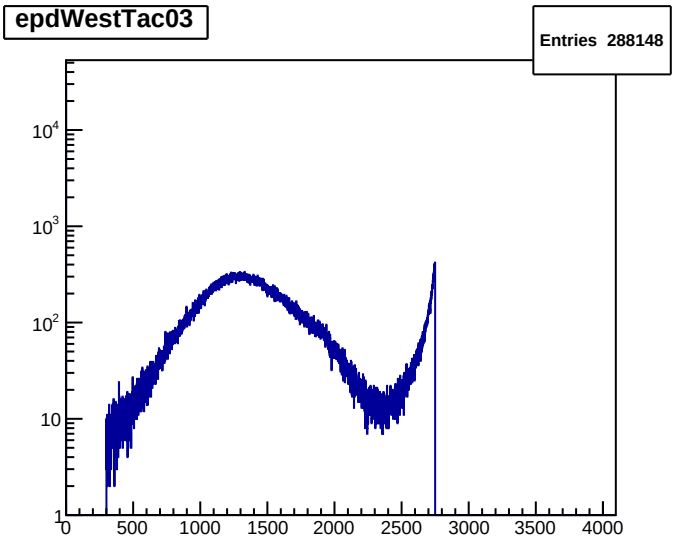
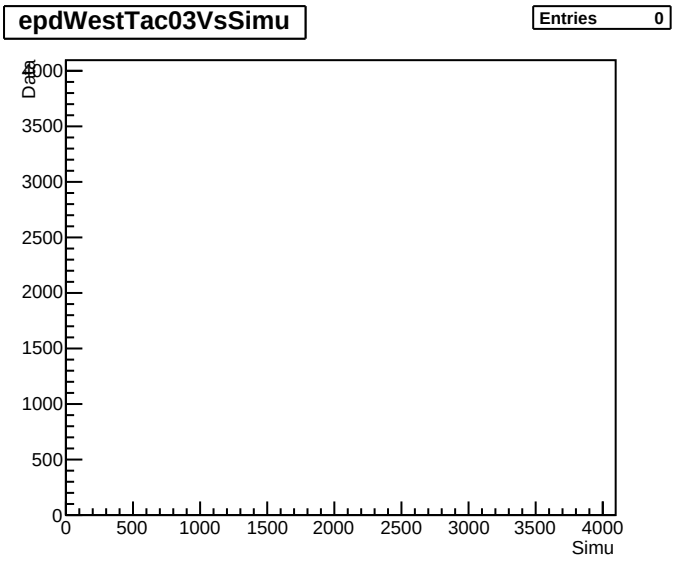
Entries 0
Data
Simu


epdWestTac03
Entries 288148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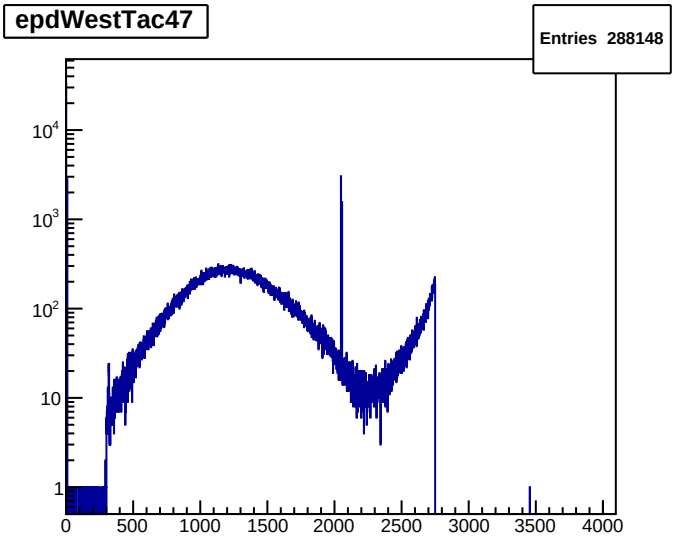
Entries 0
Data
Simu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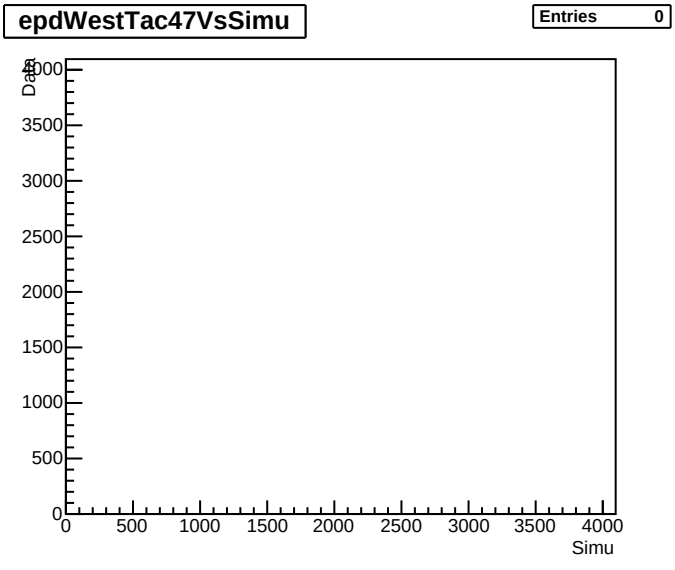
Entries 288148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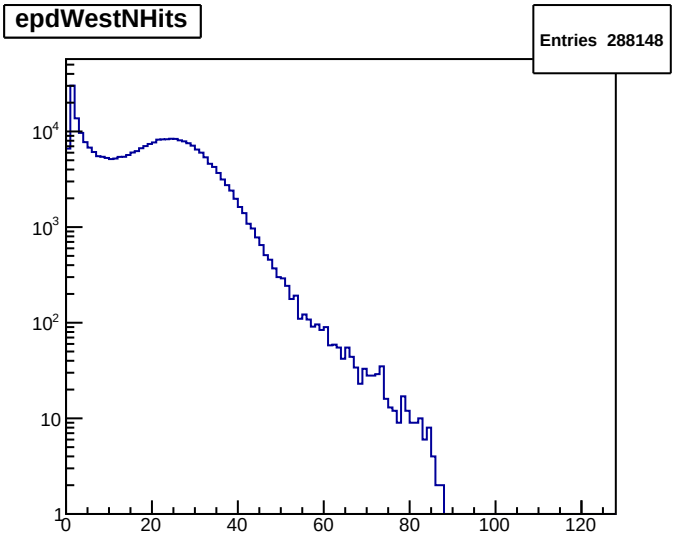
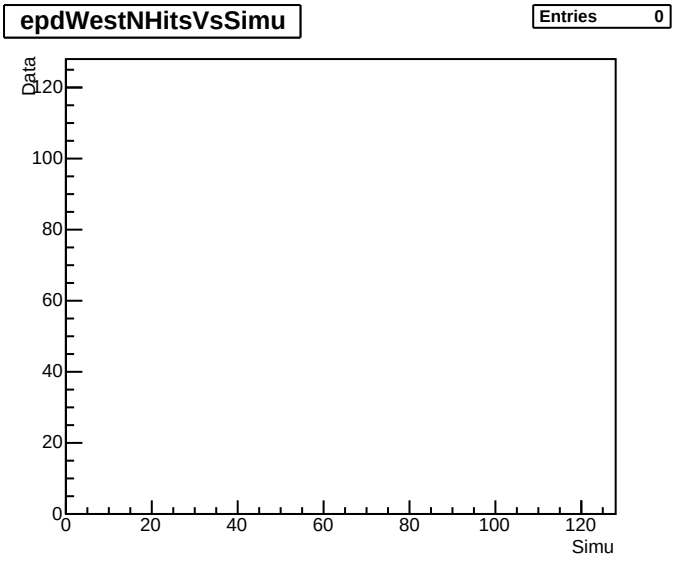
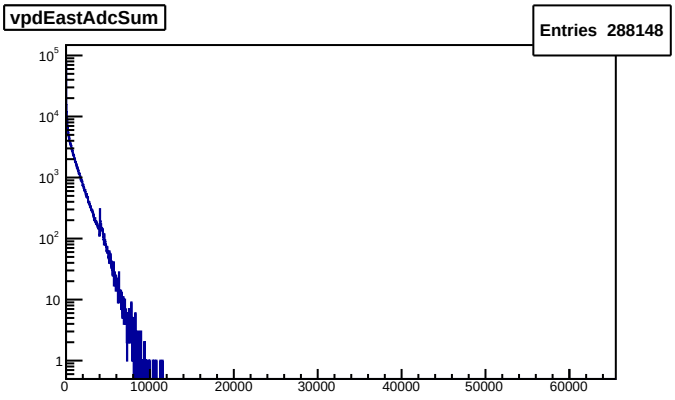
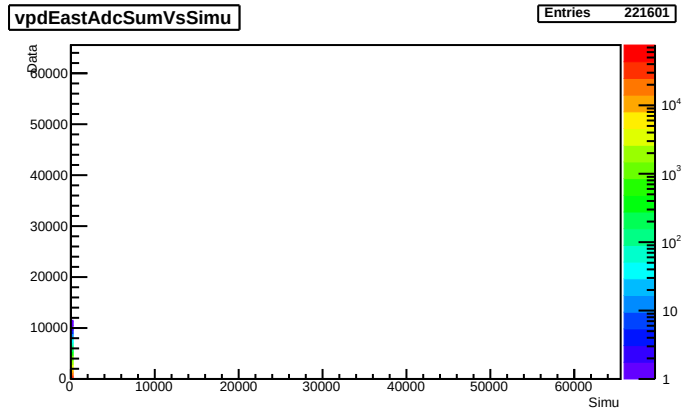
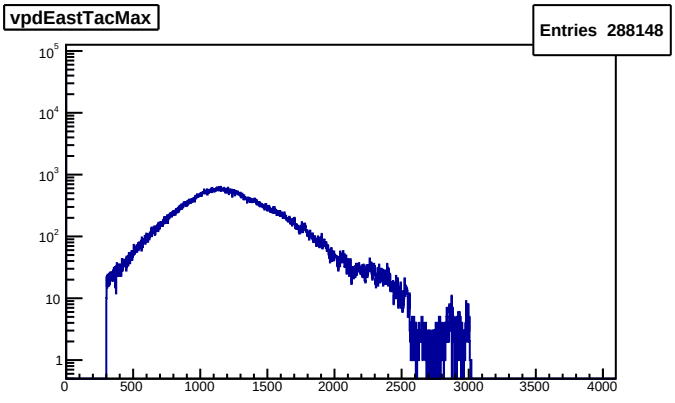
Entries 0
Data
Simu

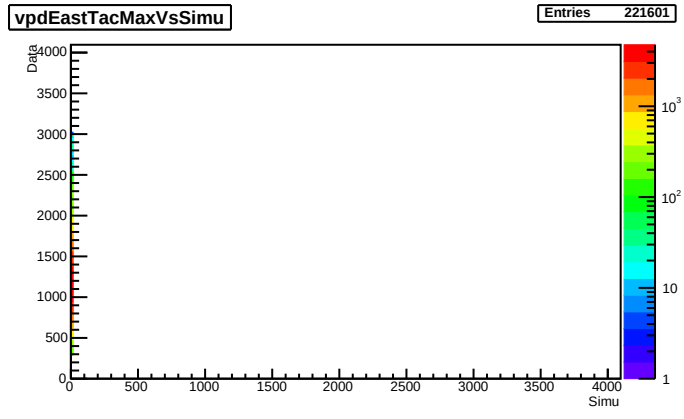

epdWestNHits
Entries 288148

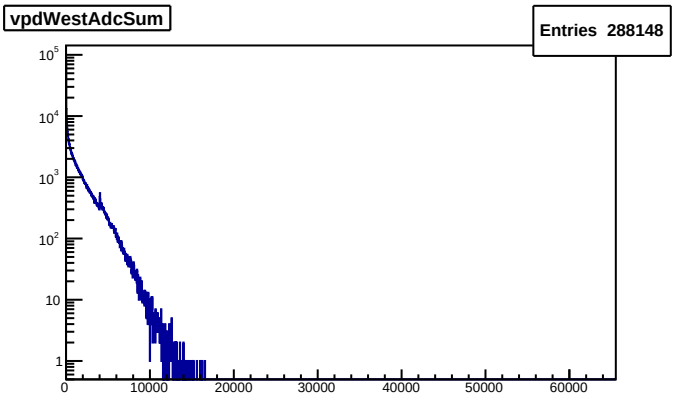

epdWestNHitsVsSimu
Entries 0
Data
Simu

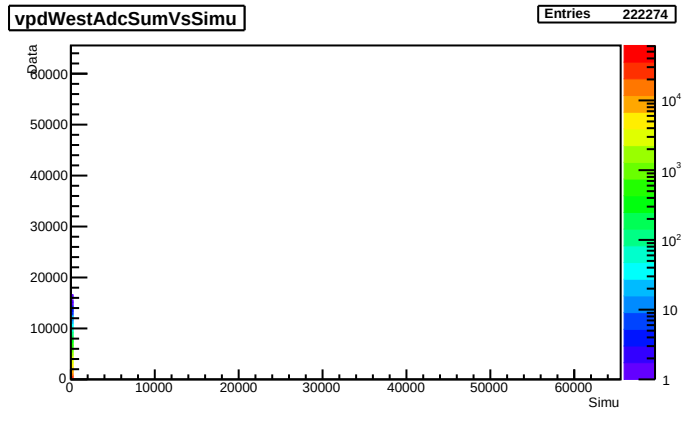

vpdEastAdcSum
Entries 288148

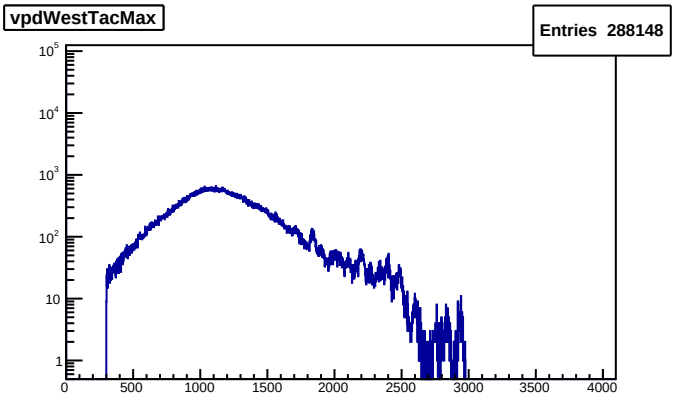

vpdEastAdcSumVsSimu
Entries 221601
Data
Simu

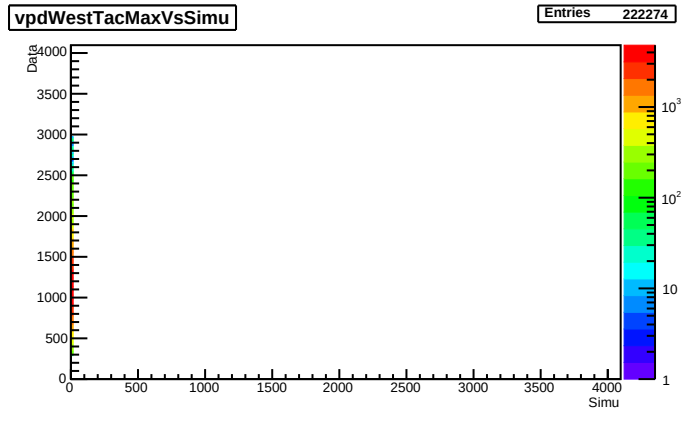

vpdEastTacMax
Entries 288148

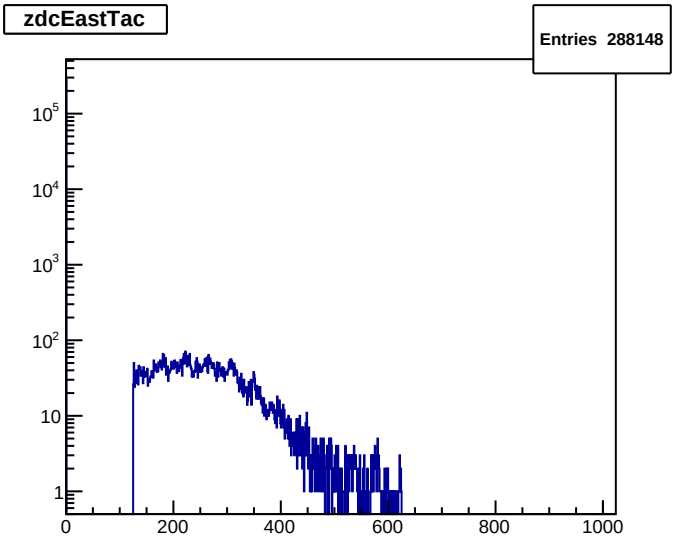

vpdEastTacMaxVsSimu
Entries 221601
Data
Simu

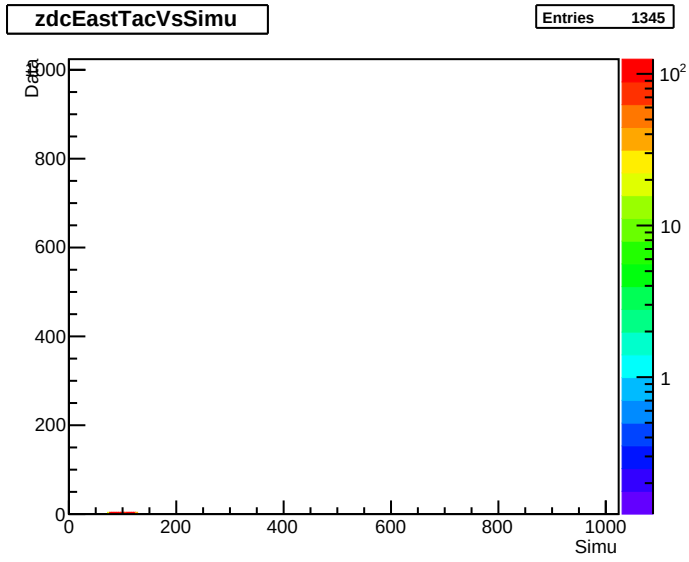

vpdWestAdcSum
Entries 288148

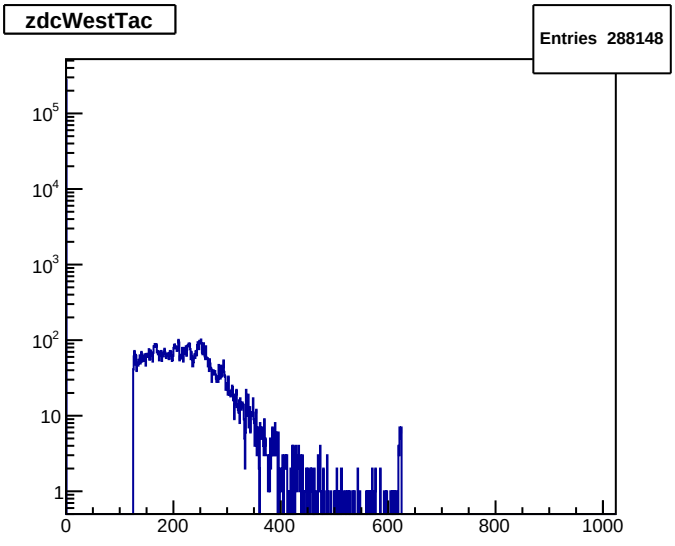

vpdWestAdcSumVsSimu
Entries 222274
Data
Simu

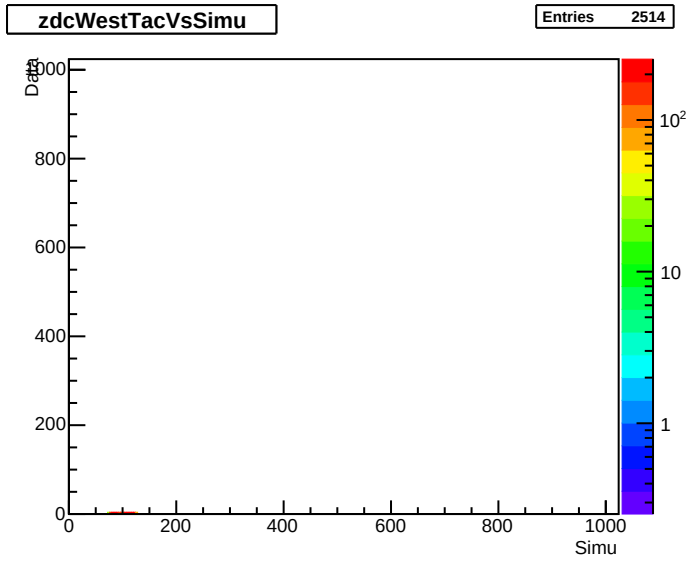

vpdWestTacMax
Entries 288148

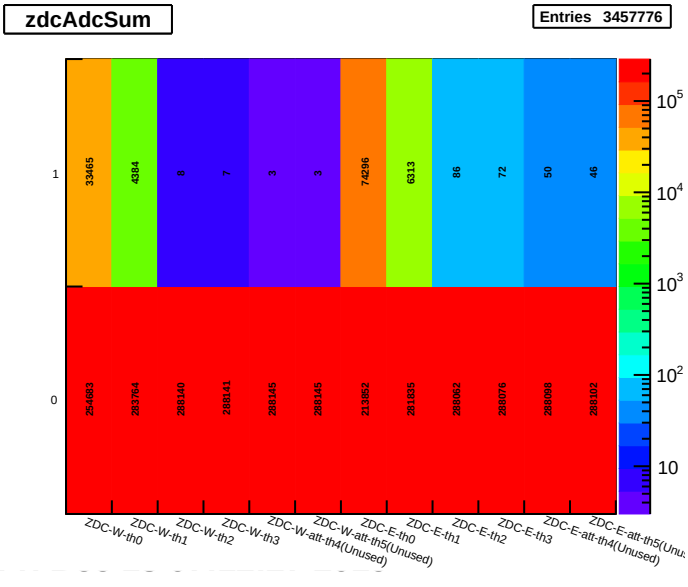

vpdWestTacMaxVsSimu
Entries 222274
Data
Simu

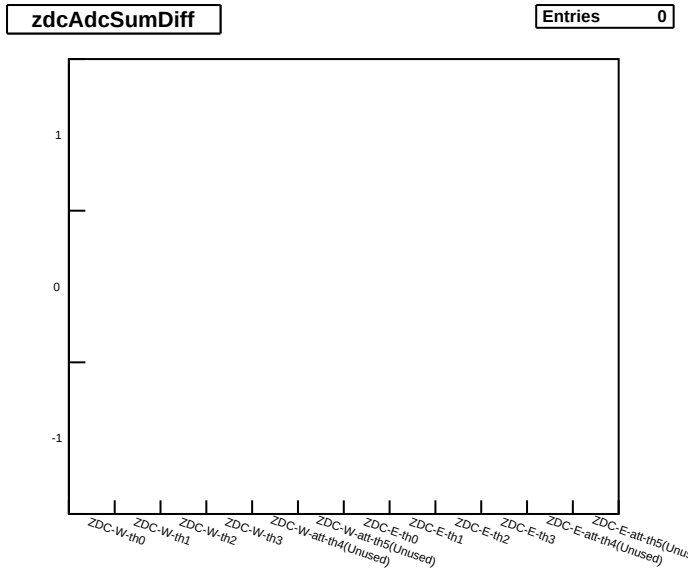

zdcEastTac
Entries 288148

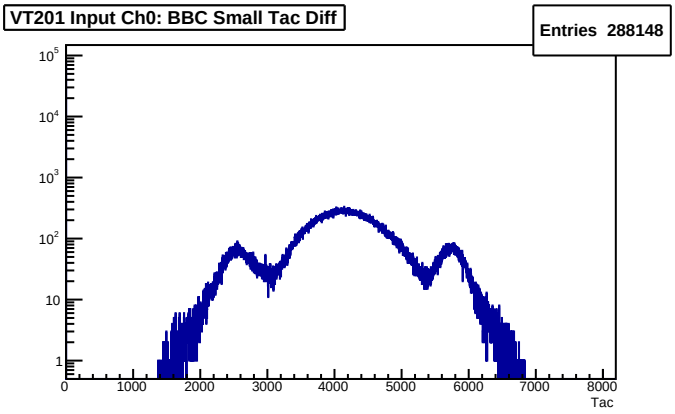

zdcEastTacVsSimu
Entries 1345
Data
Simu

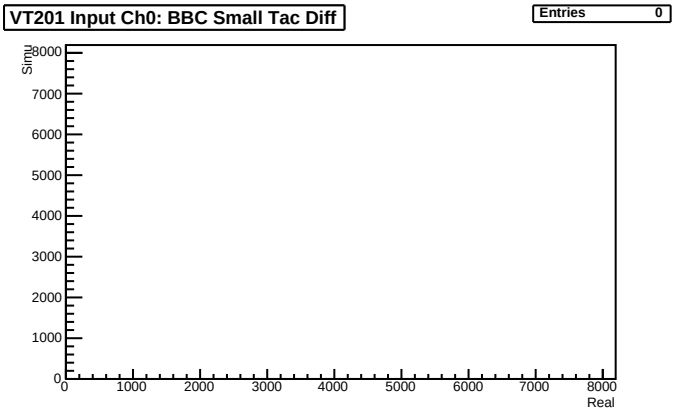

zdcWestTac
Entries 288148

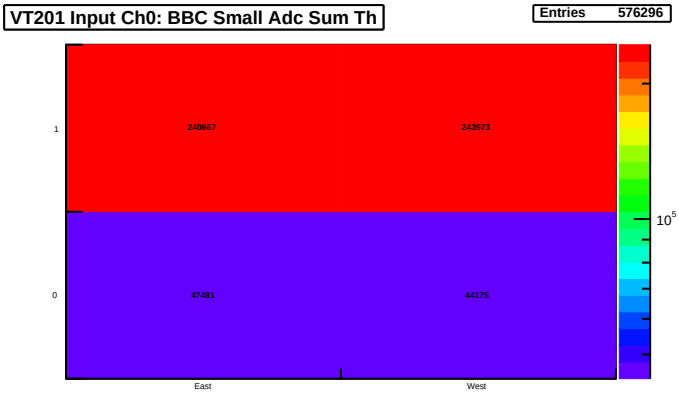

zdcWestTacVsSimu
Entries 2514
Data
Simu

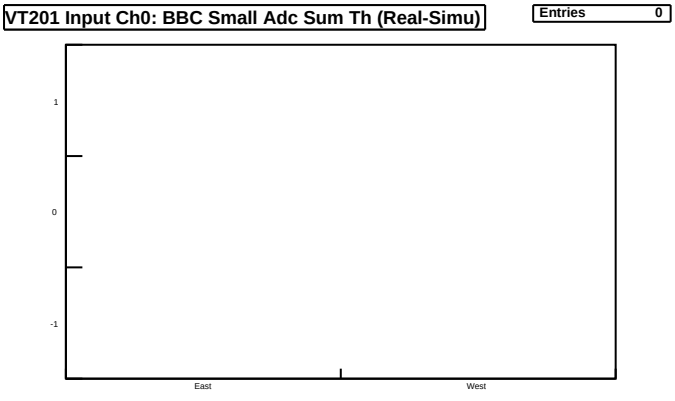

zdcAdcSum
Entries 3457776
33465
4384
8
7
3
3
74296
6313
86
72
50
46
254683
283764
288140
288141
288145
288145
213852
281835
288062
288076
288098
288102
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

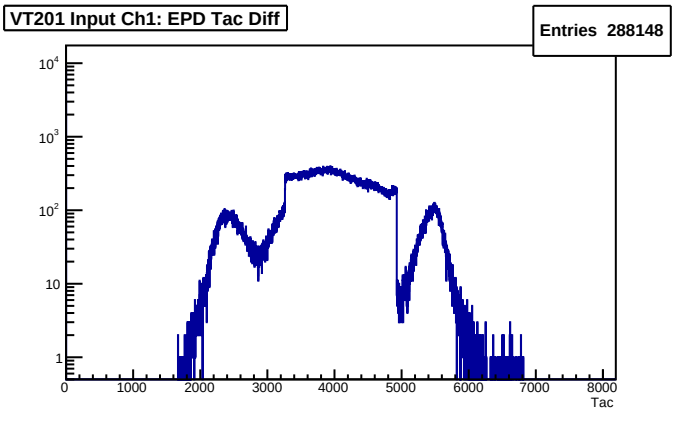

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

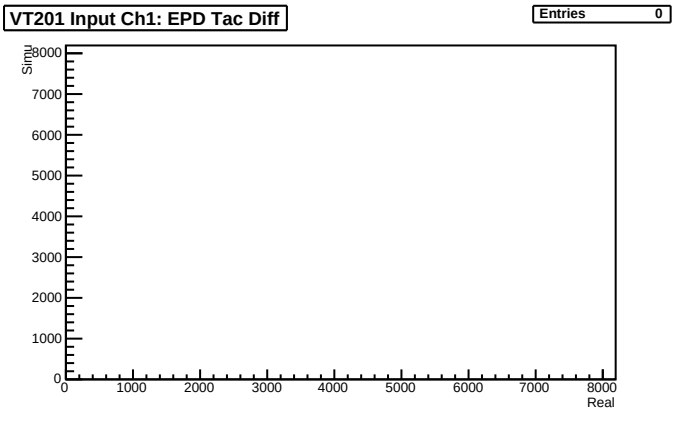

VT201 Input Ch0: BBC Small Tac Diff
Entries 288148
Tac

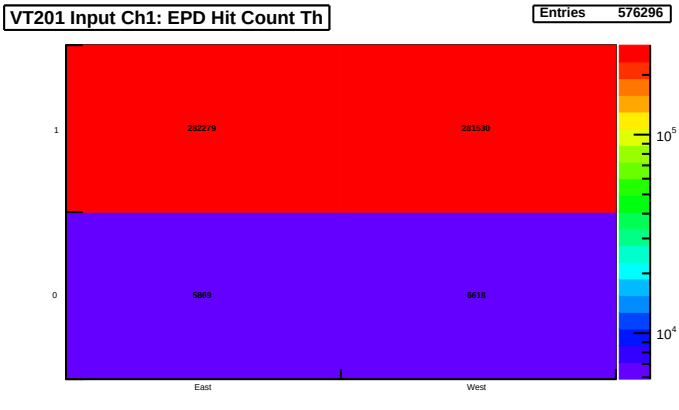

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

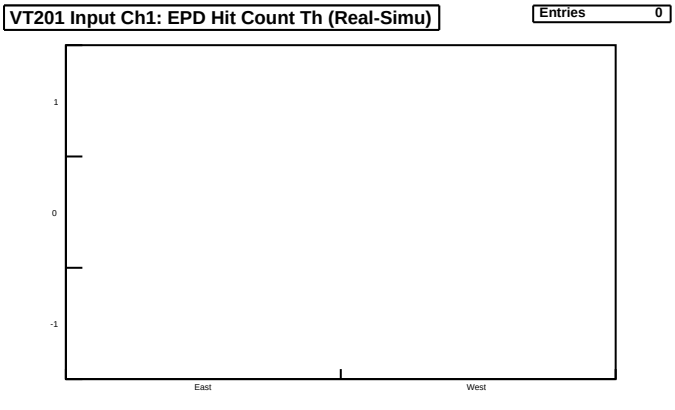

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 576296
240667
243973
47481
44175
East
West

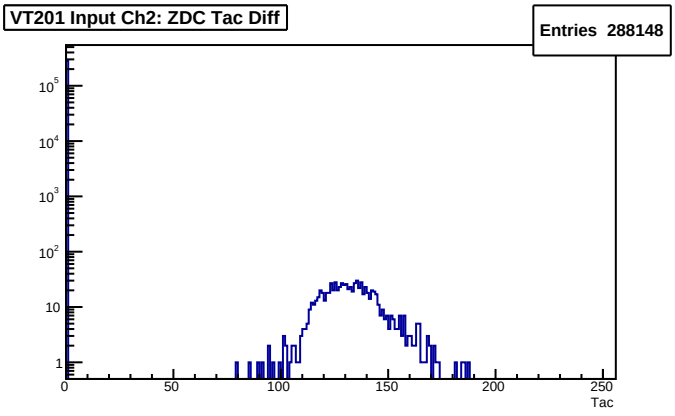

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

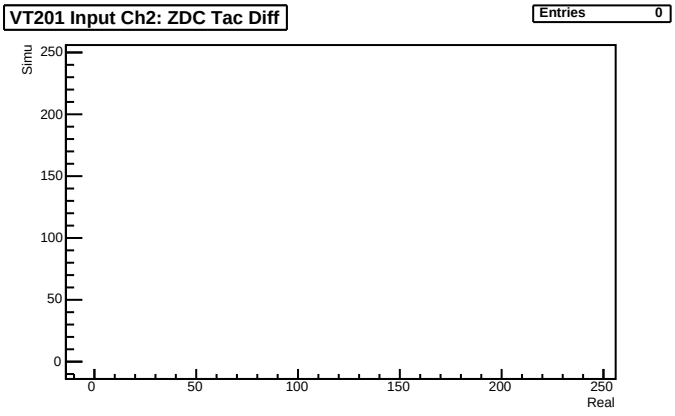

VT201 Input Ch1: EPD Tac Diff
Entries 288148
Tac

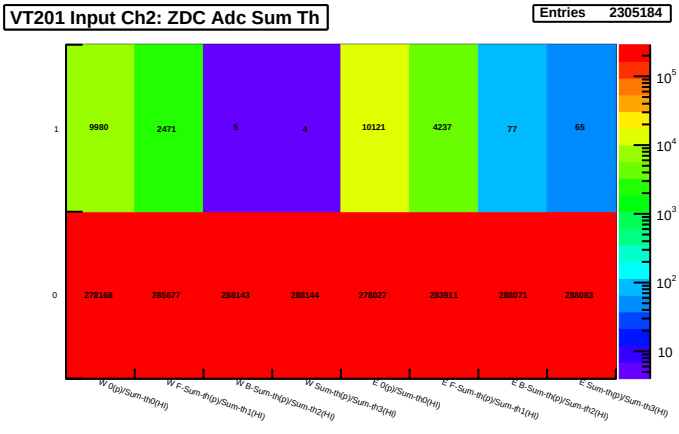

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

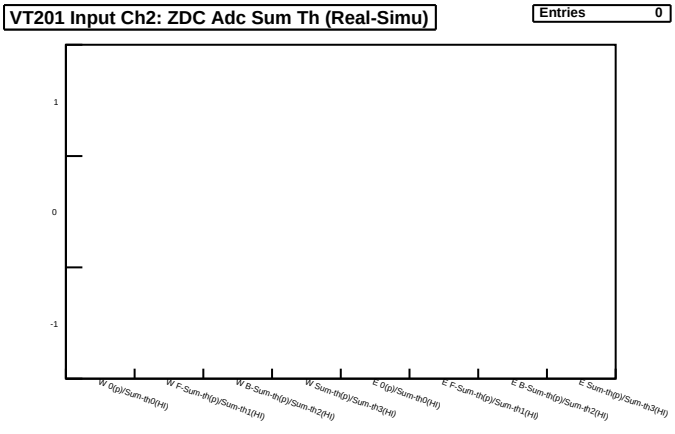

VT201 Input Ch1: EPD Hit Count Th
Entries 576296
282279
281530
5869
6618
East
West

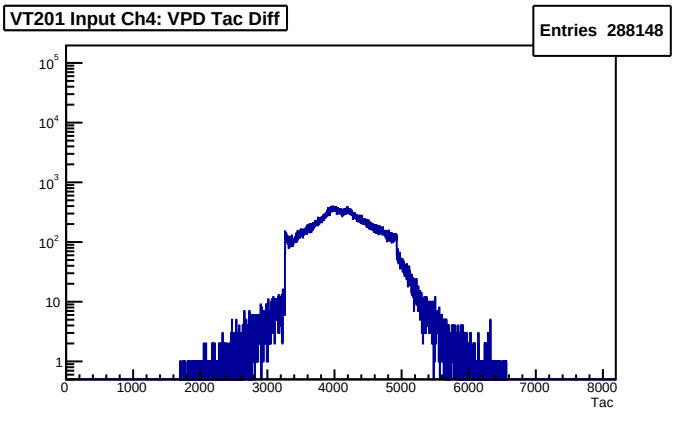

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

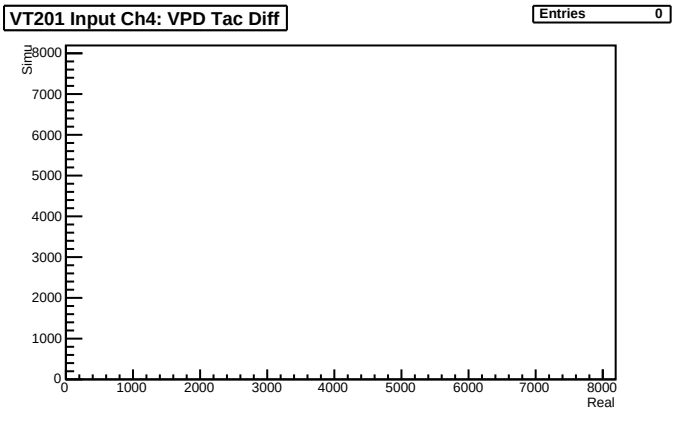

VT201 Input Ch2: ZDC Tac Diff
Entries 288148
Tac

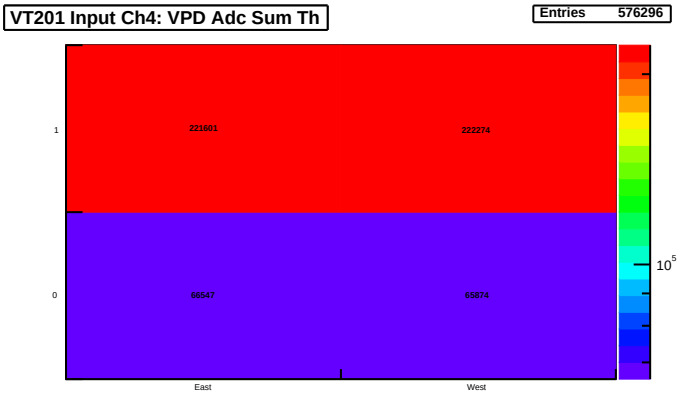

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

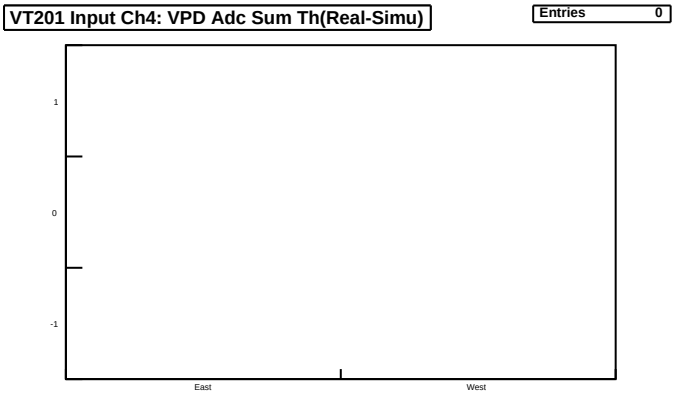

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2305184
9980
2471
5
4
10121
4237
77
65
278168
285677
288143
288144
278027
283911
288071
288083
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

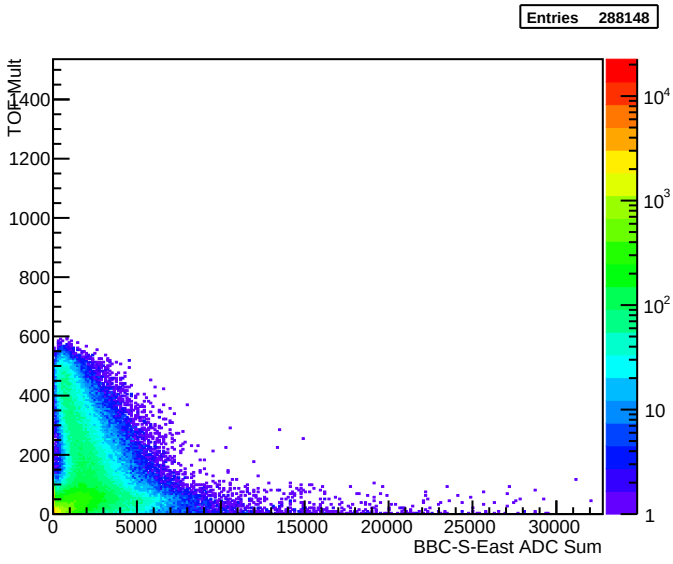

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

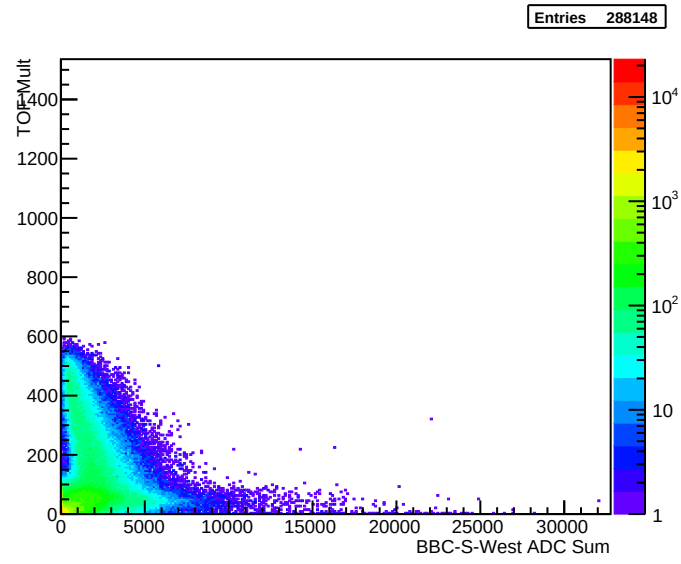

VT201 Input Ch4: VPD Tac Diff
Entries 288148
Tac

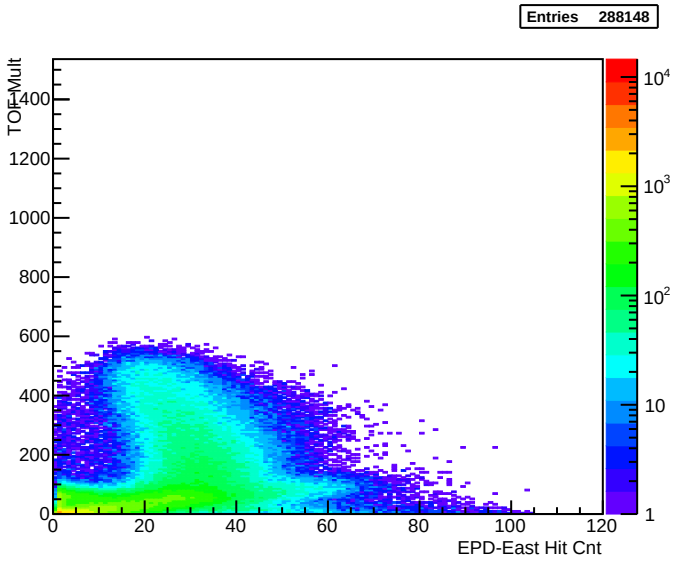

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

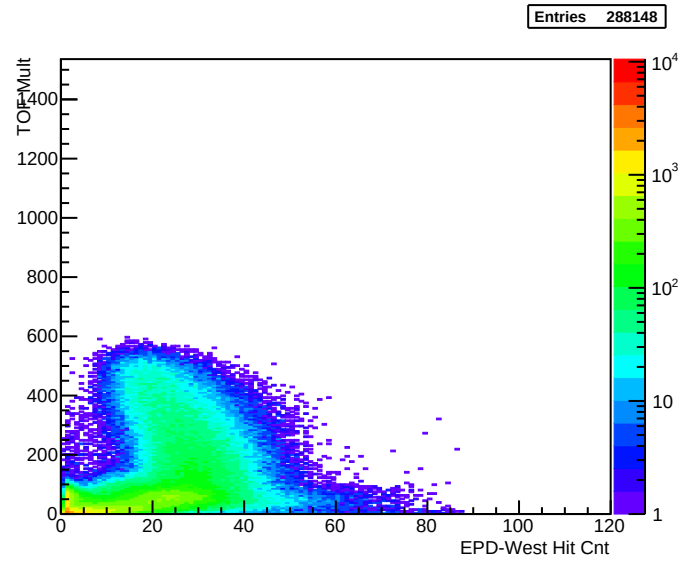

VT201 Input Ch4: VPD Adc Sum Th
Entries 576296
221601
222274
66547
65874
East
West

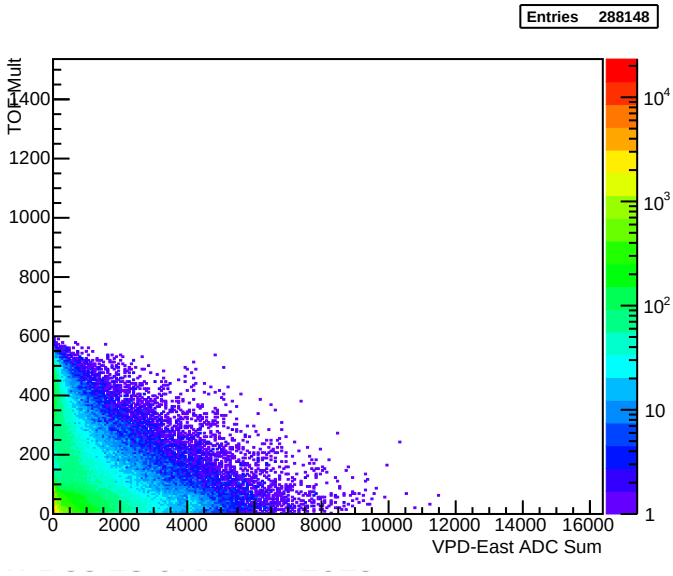

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

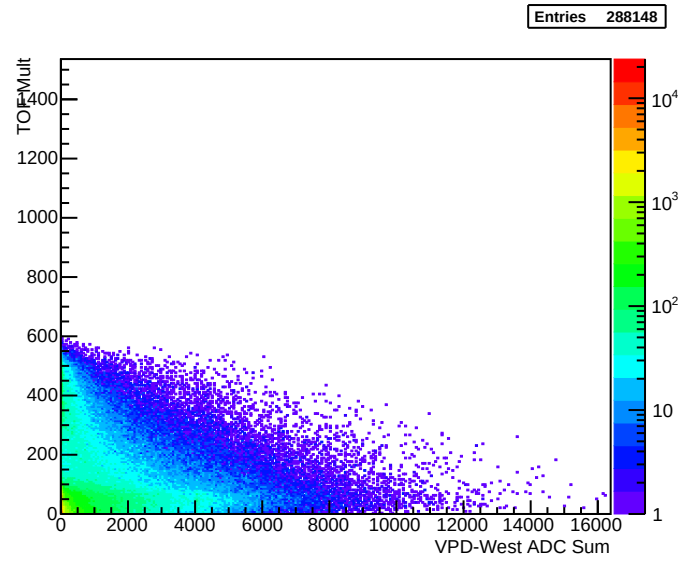

Entries 288148
TOF-Mult
BBC-S-East ADC Sum

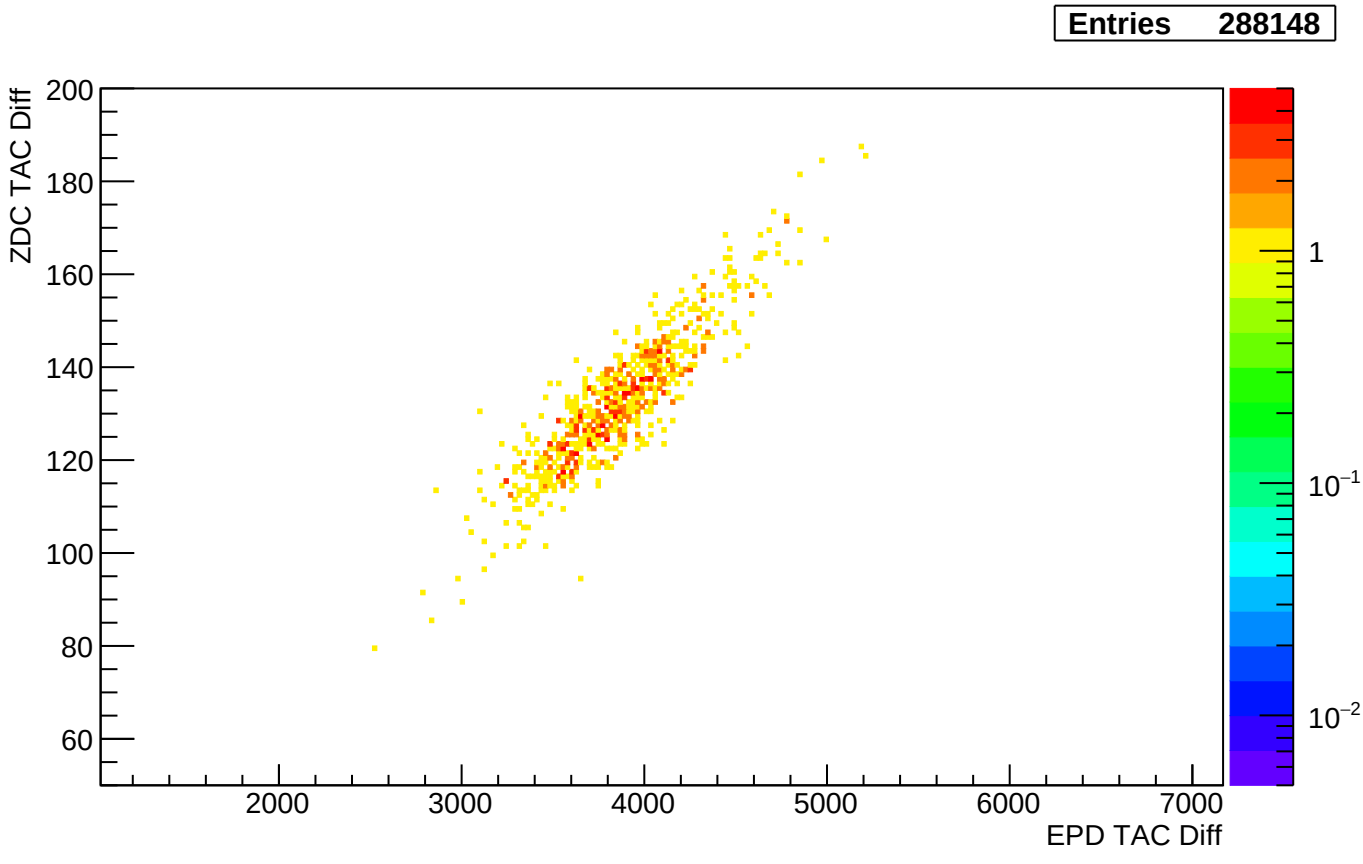

Entries 288148
TOF-Mult
BBC-S-West ADC Sum

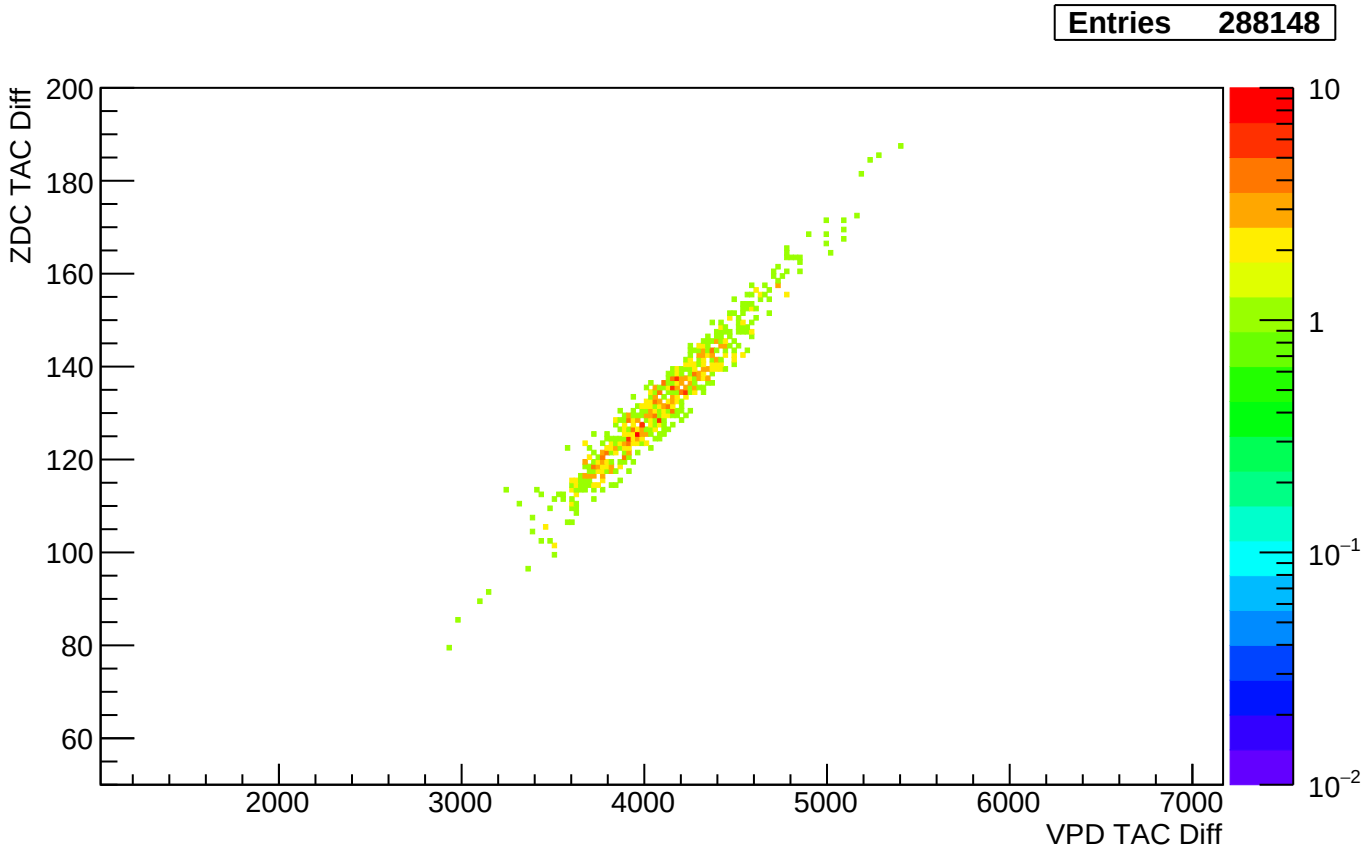

Entries 288148
TOF-Mult
EPD-East Hit Cnt

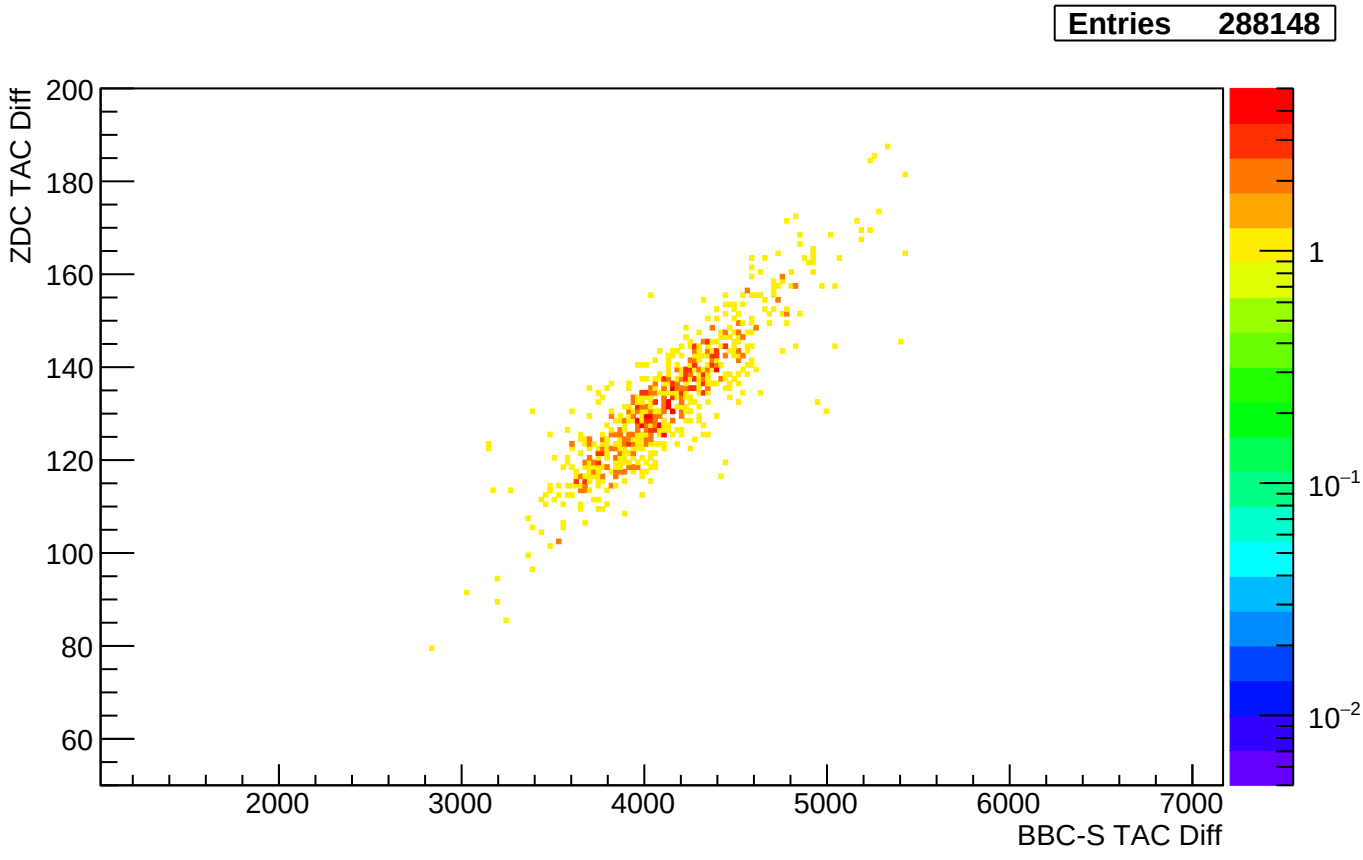

Entries 288148
TOF-Mult
EPD-West Hit Cnt

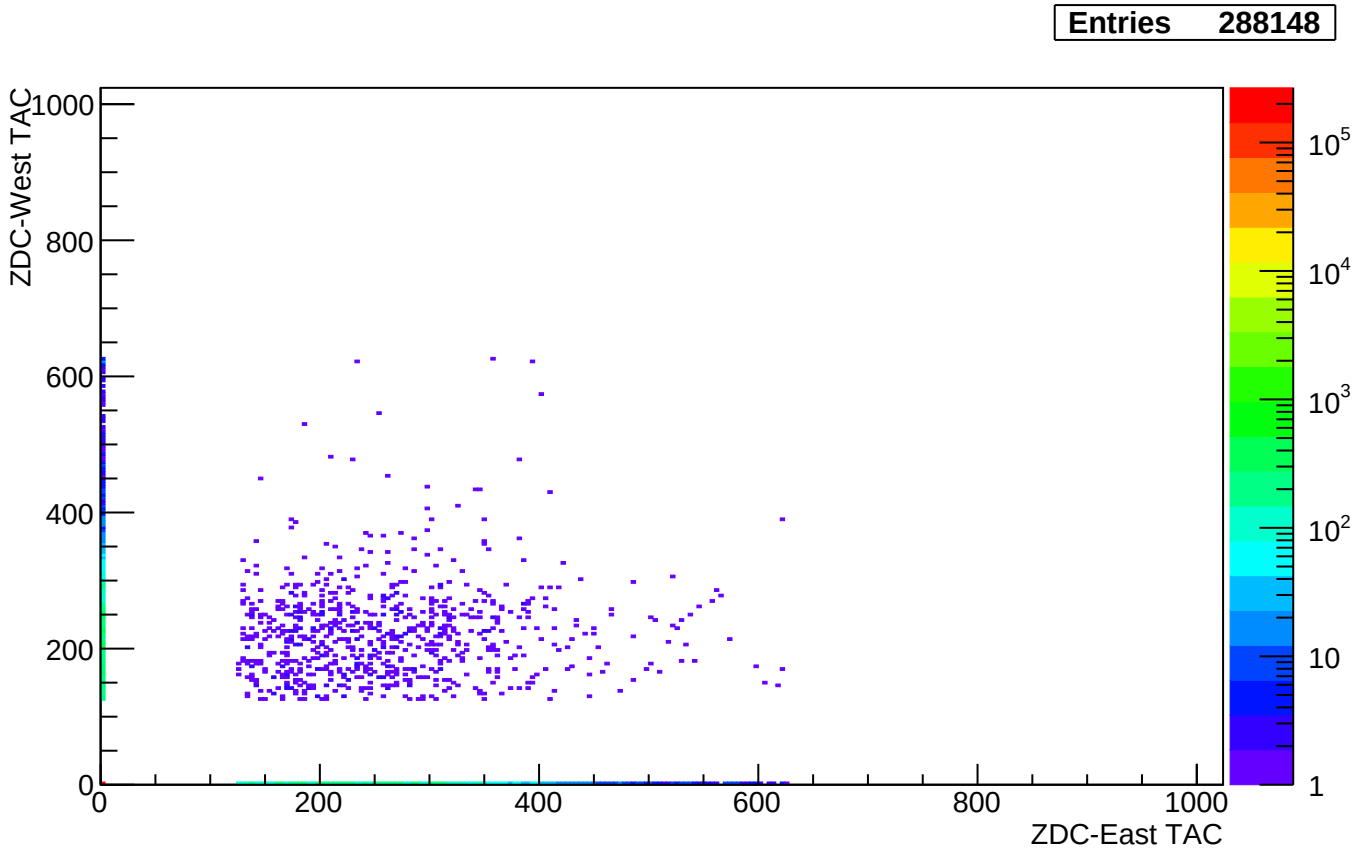

Entries 288148
TOF-Mult
VPD-East ADC Sum

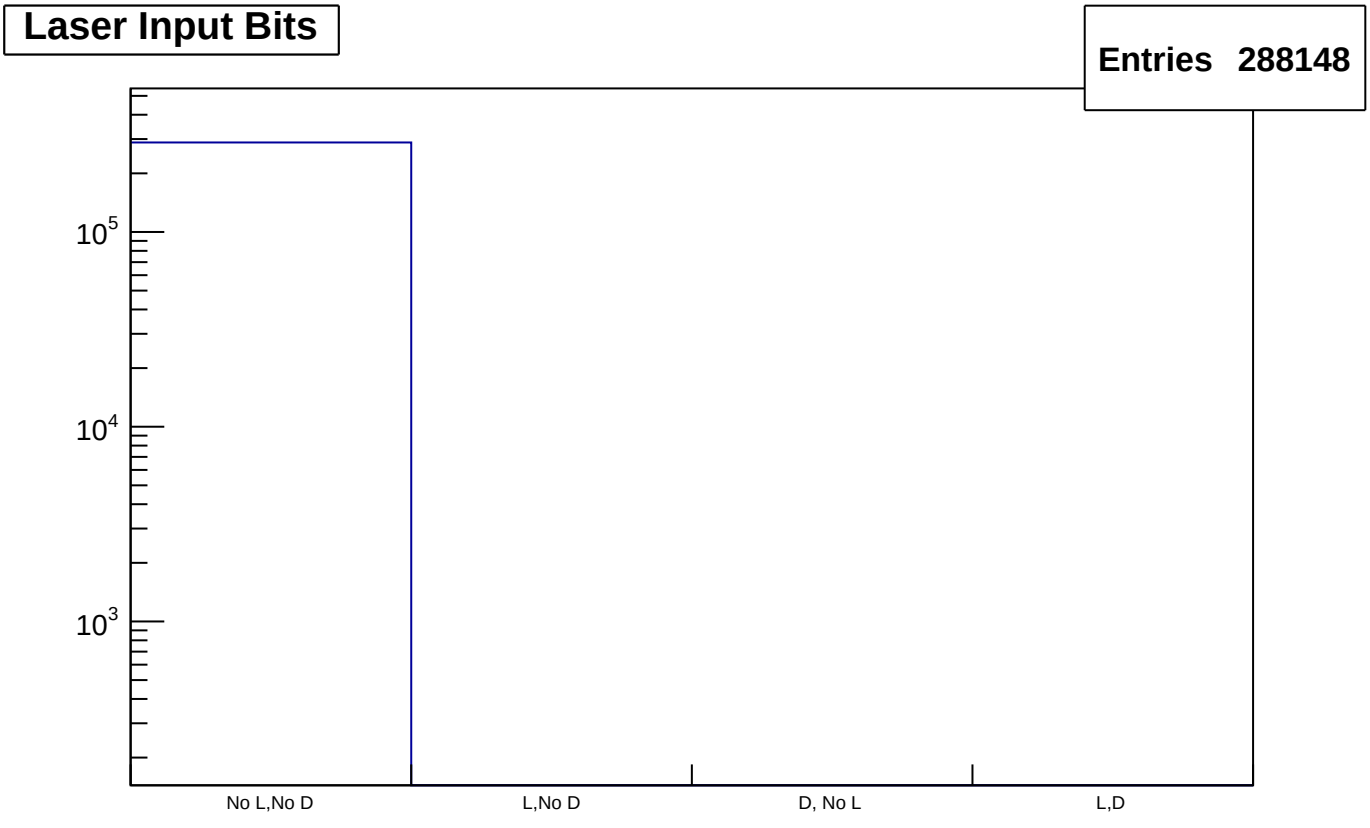

Entries 288148
TOF-Mult
VPD-West ADC Sum

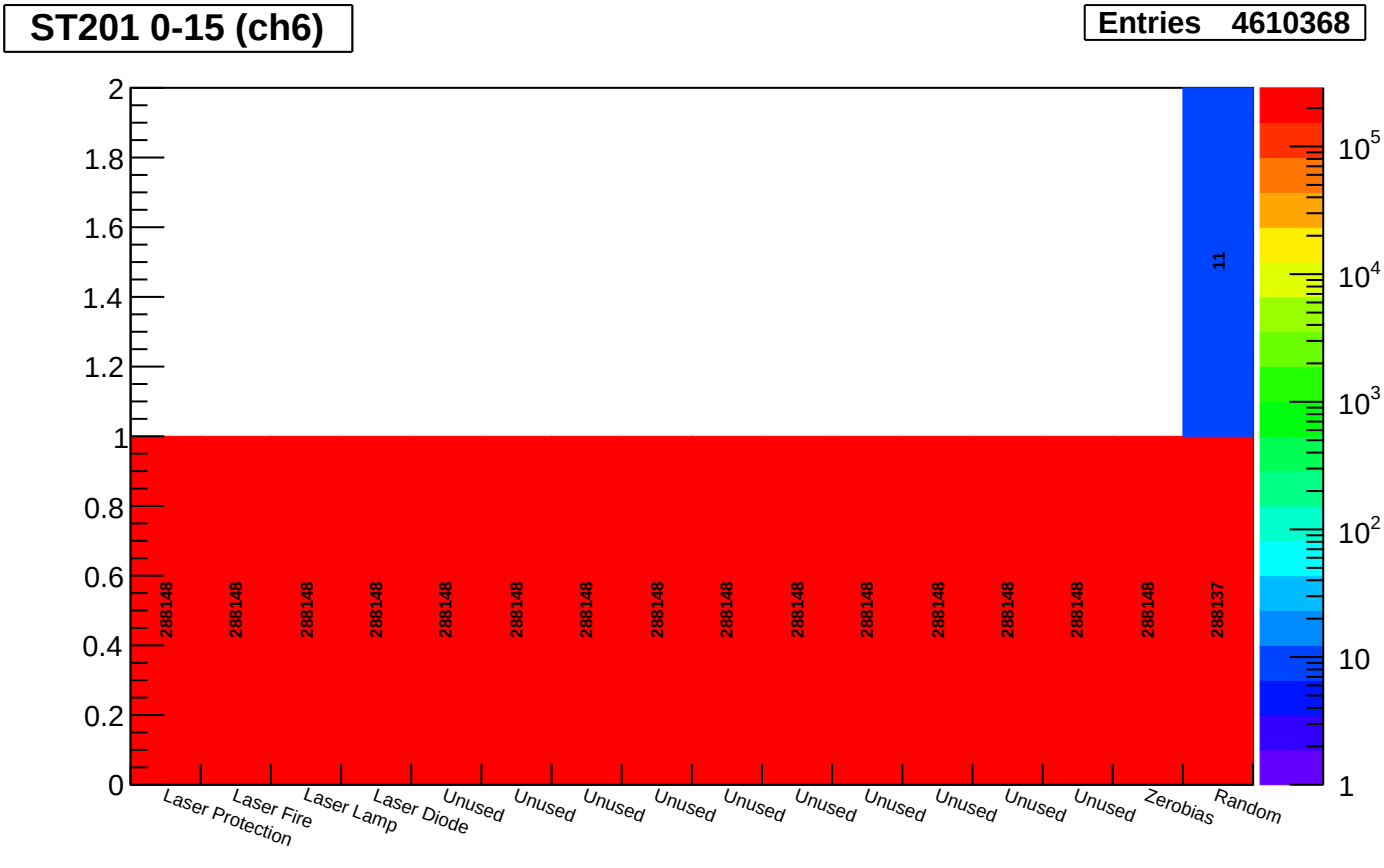

Entries 288148
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

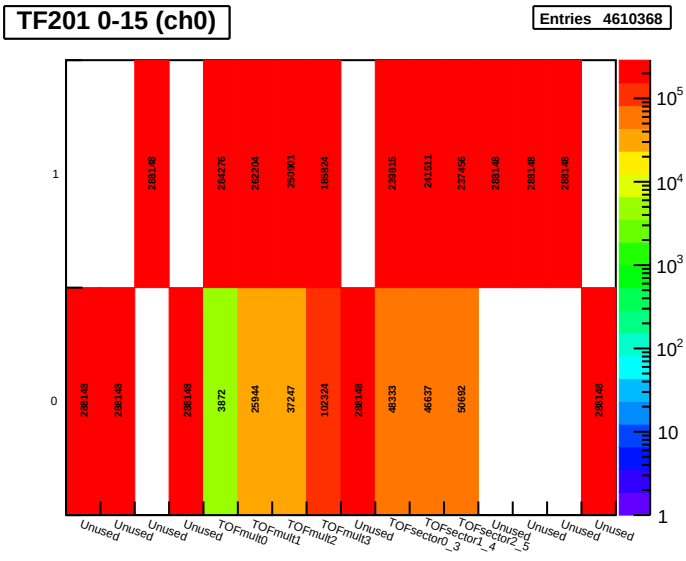

Entries 288148
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}
10^{-2}

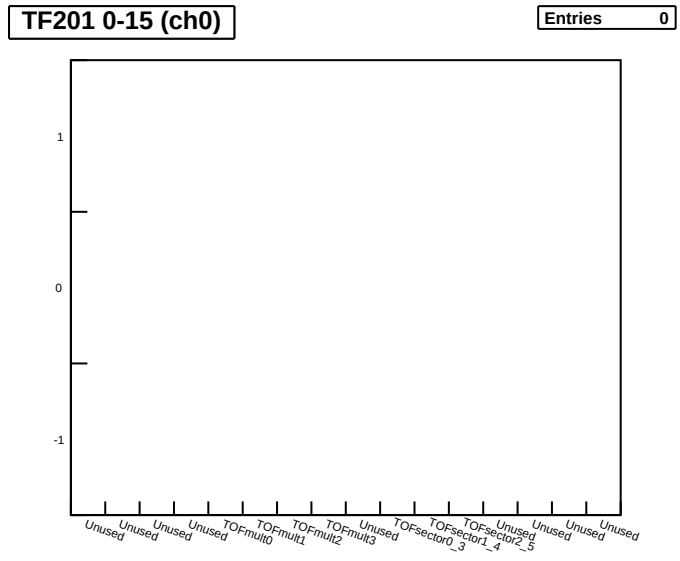

Entries 288148
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

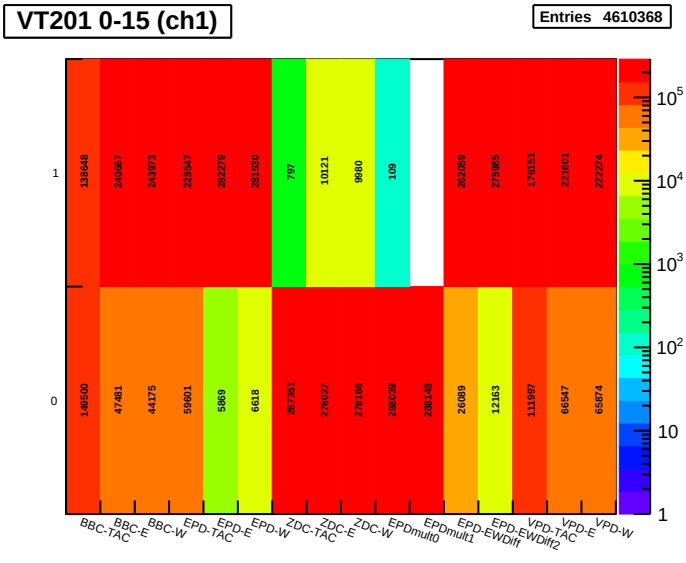

Entries 288148
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

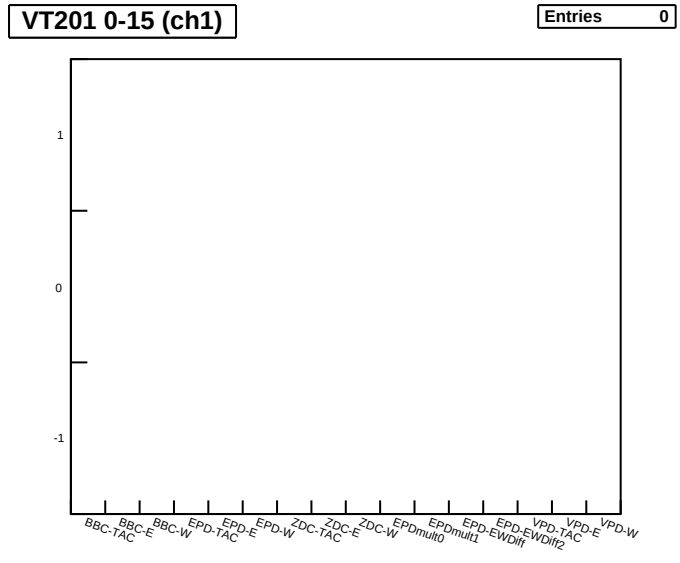

Laser Input Bits
Entries 288148
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

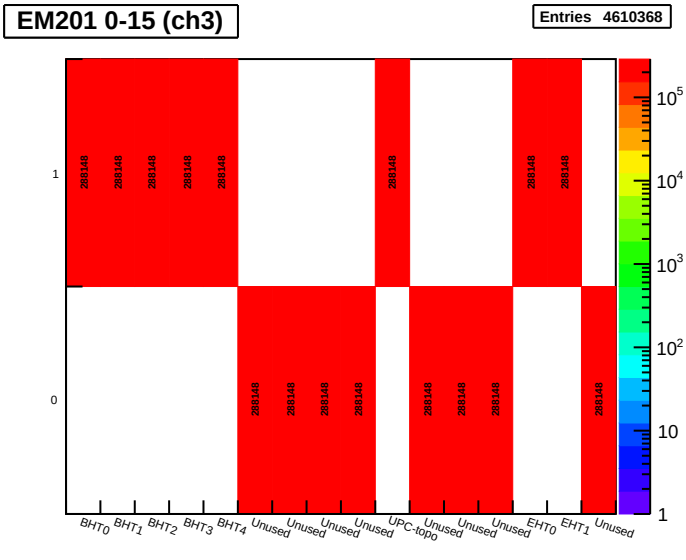

ST201 0-15 (ch6)
Entries 4610368
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
11
288148
288137
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

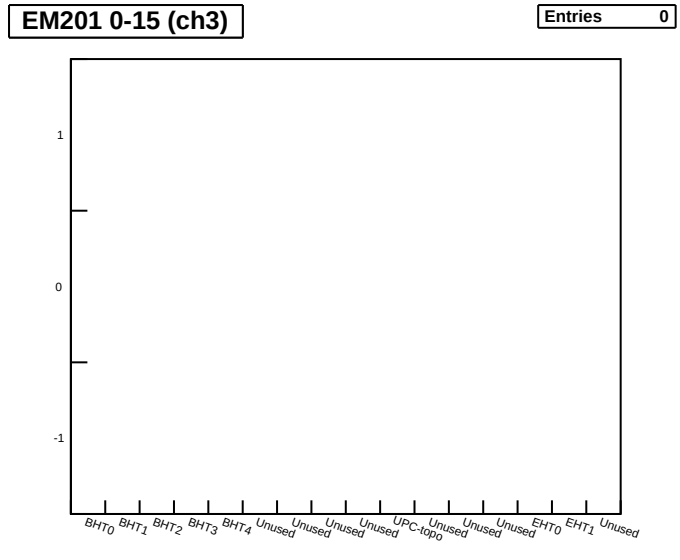

TF201 0-15 (ch0)
Entries 4610368
1
0
288148 288148 288148 288148 284276 262204 250901 185824 239815 241511 237456 288148 288148 288148
288148 288148 288148 3872 25944 37247 102324 288148 48333 46637 50692 288148
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 4610368
1
0
138648 240667 243973 228547 282279 281530 797 10121 9980 109 262059 275985 176151 221601 222274
149500 47481 44175 59601 5869 6618 287351 278027 278168 288039 288148 26089 12163 111997 66547 65874
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 4610368
1
0
288148 288148 288148 288148 288148 288148 288148 288148 288148
288148 288148 288148 288148 288148 288148 288148 288148
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