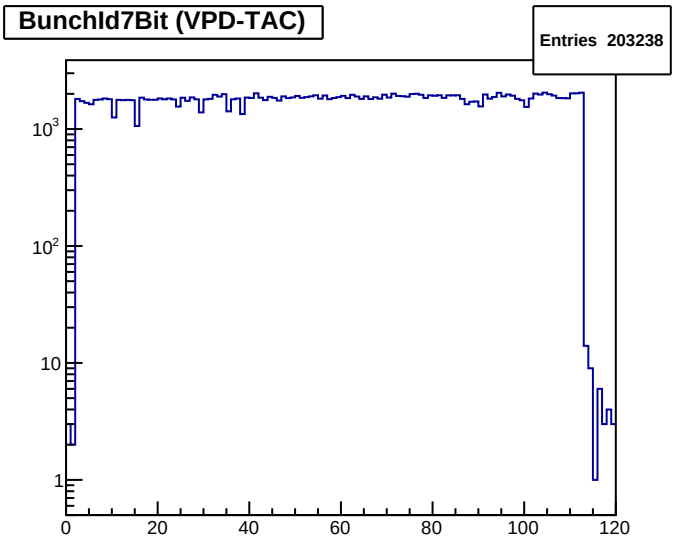
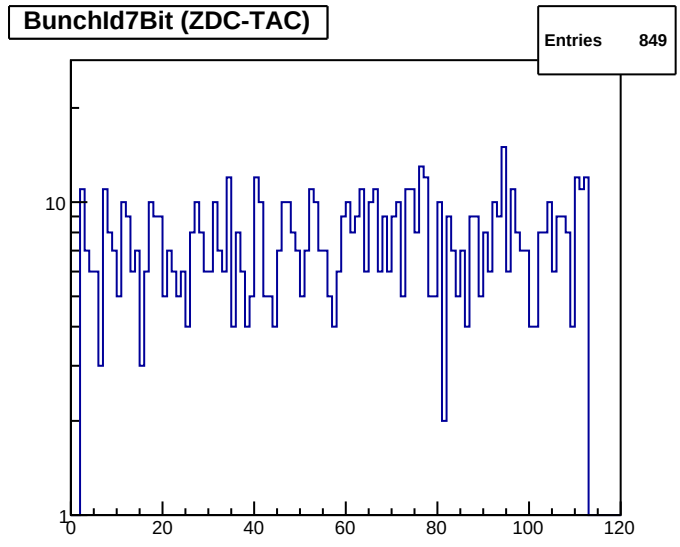
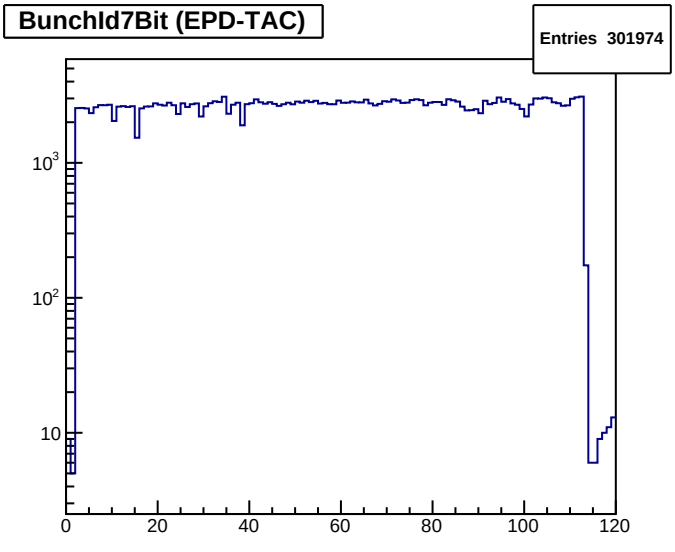
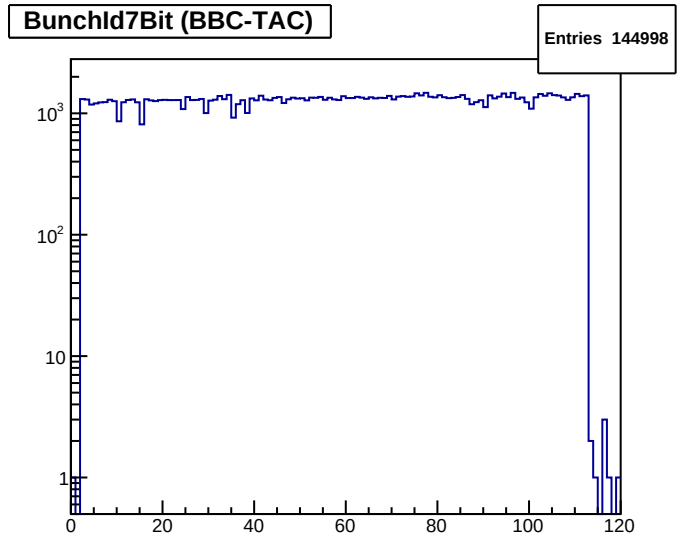
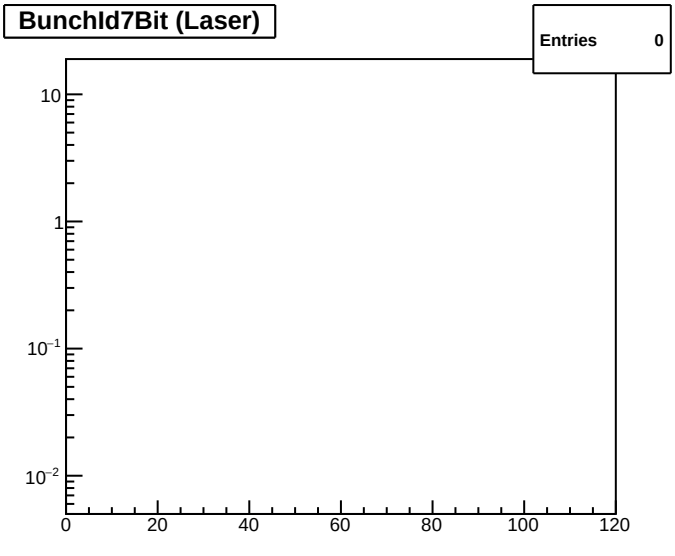
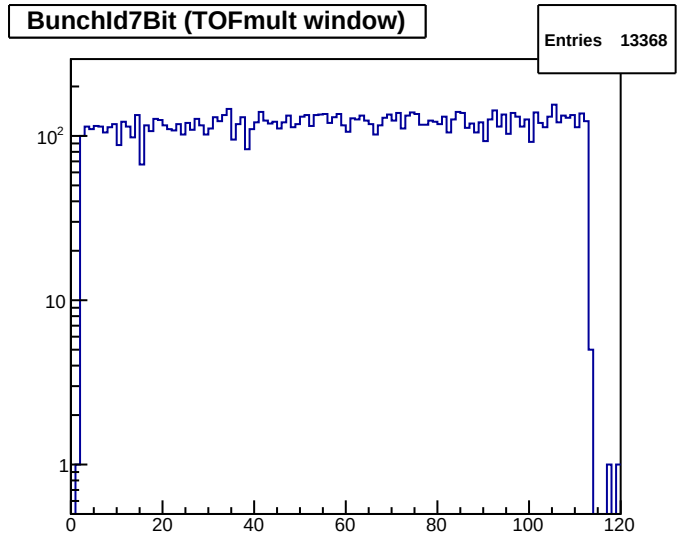

BunchId7Bit (VPD-TAC)
Entries 203238

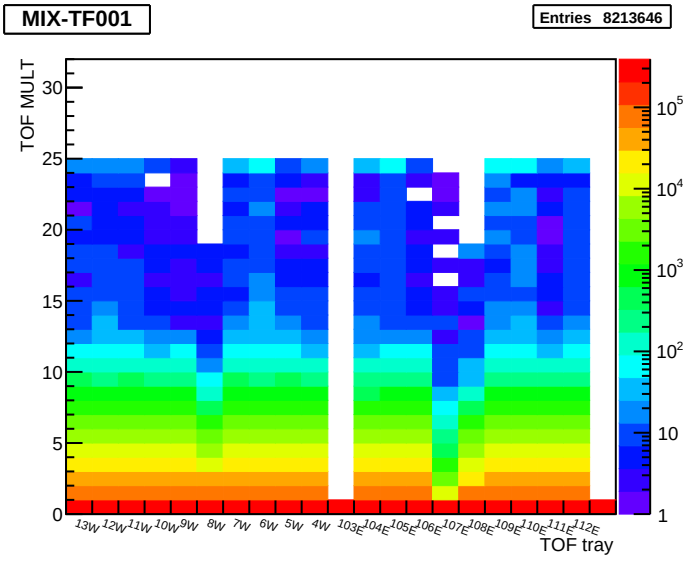

BunchId7Bit (ZDC-TAC)
Entries 849

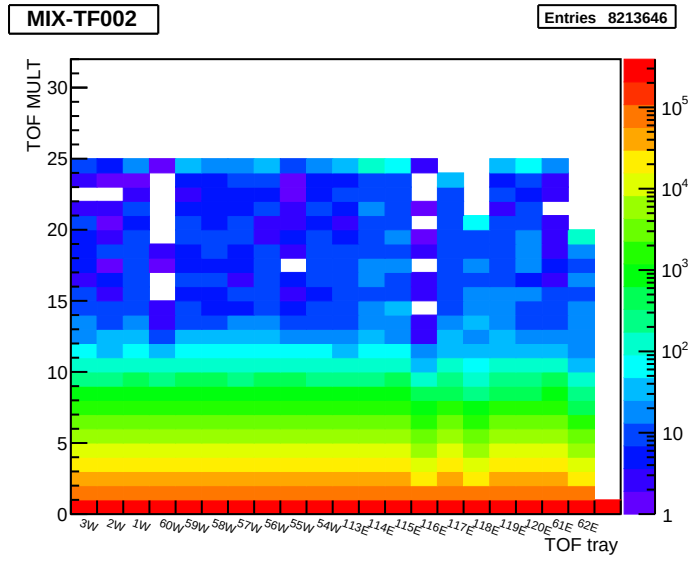

BunchId7Bit (EPD-TAC)
Entries 301974

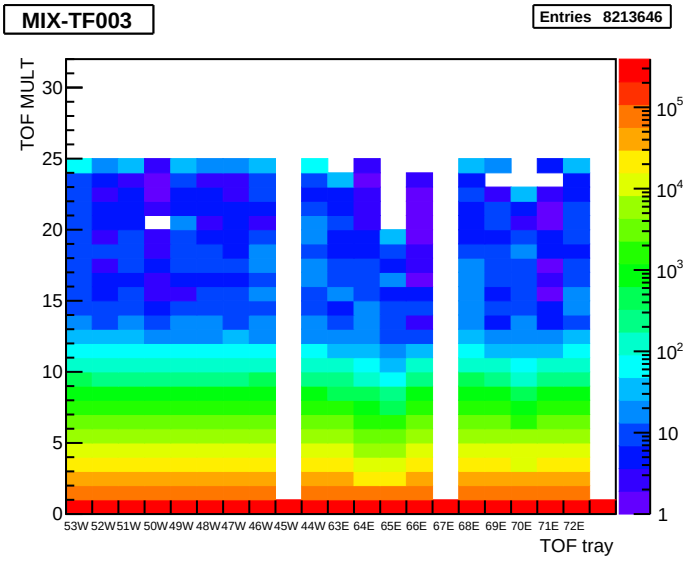

BunchId7Bit (BBC-TAC)
Entries 144998

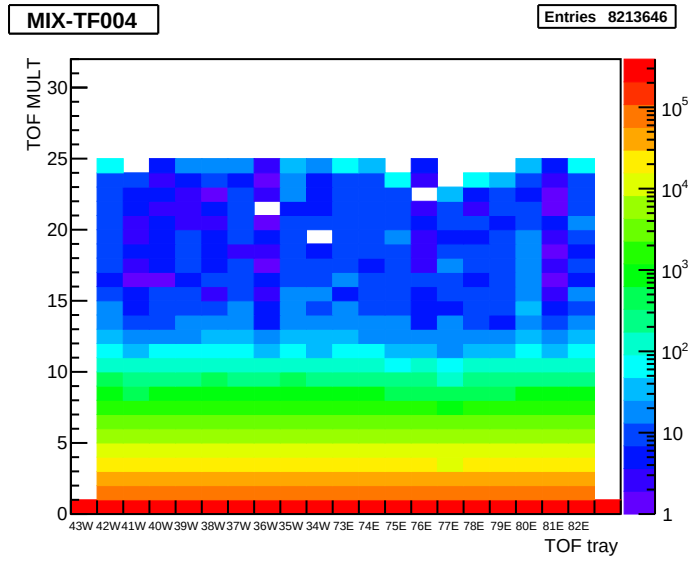

BunchId7Bit (Laser)
Entries 0

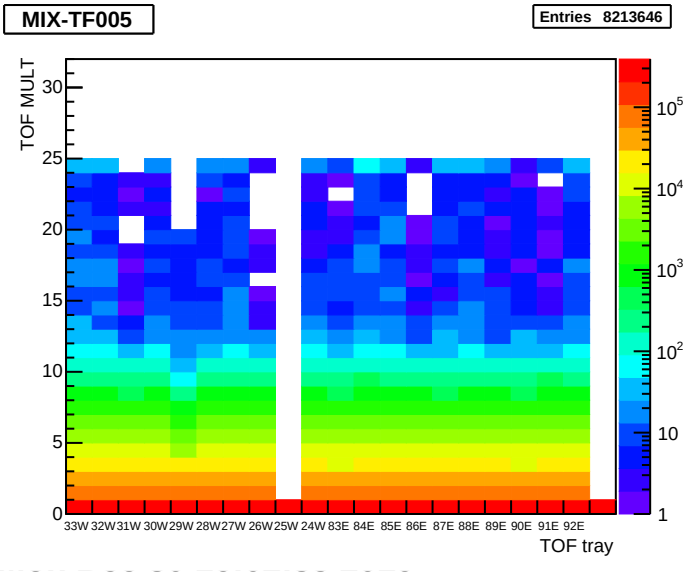

BunchId7Bit (TOFmult window)
Entries 13368

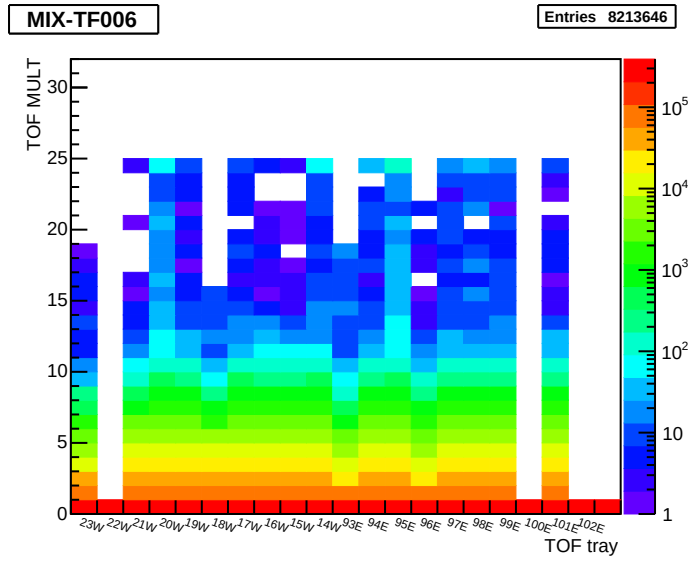

MIX-TF001
Entries 8213646
TOF MULT
TOF tray

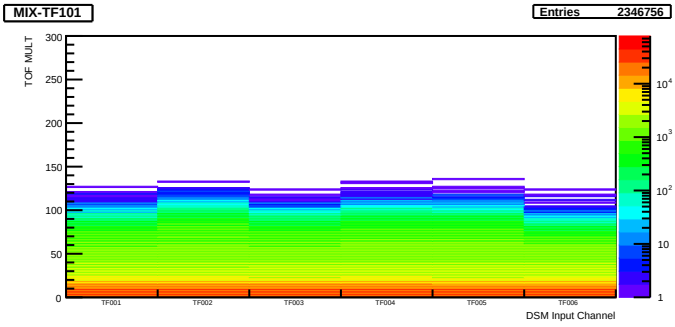

MIX-TF002
Entries 8213646
TOF MULT
TOF tray

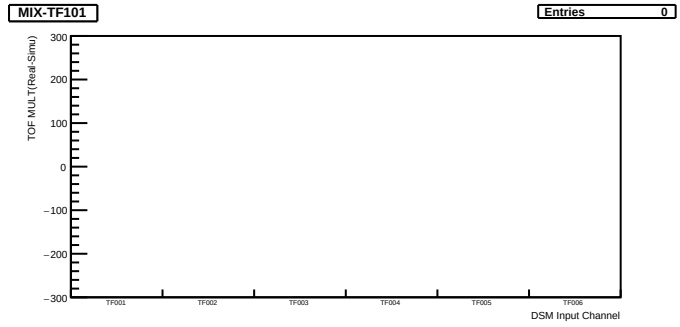

MIX-TF003
Entries 8213646
TOF MULT
TOF tray

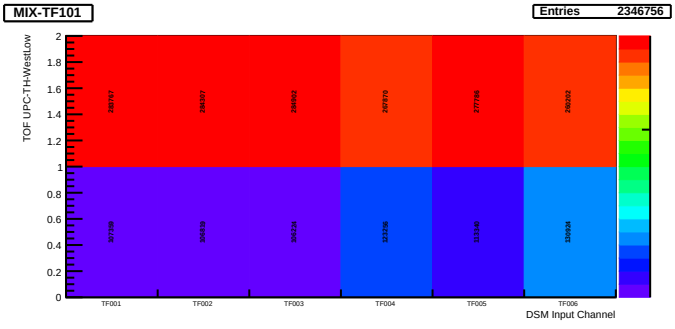

MIX-TF004
Entries 8213646
TOF MULT
TOF tray

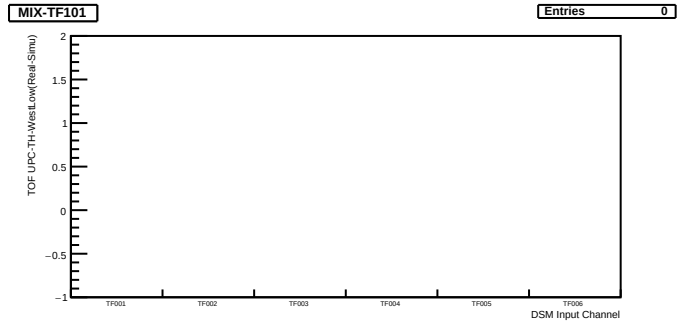

MIX-TF005
Entries 8213646
TOF MULT
TOF tray

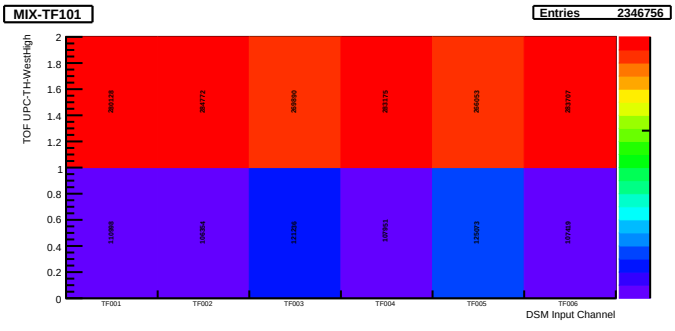

MIX-TF006
Entries 8213646
TOF MULT
TOF tray

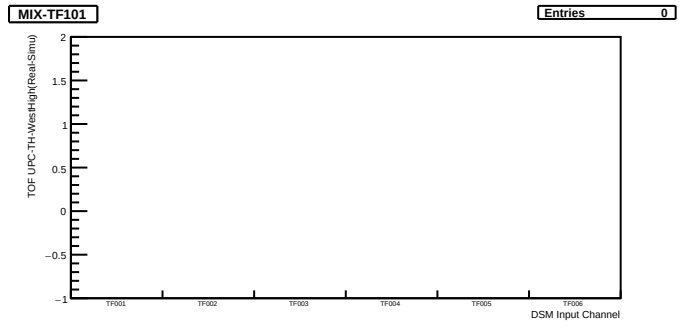

MIX-TF101
Entries 2346756
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

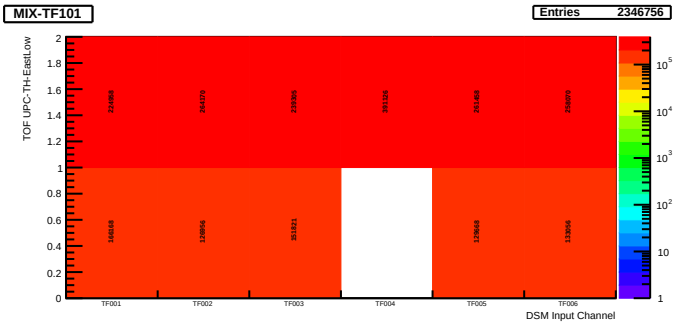

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

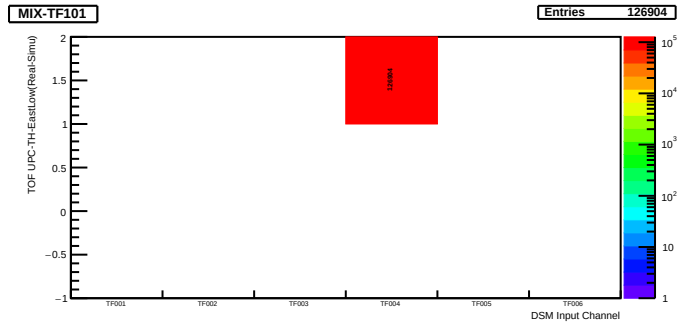

MIX-TF101
Entries 2346756
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

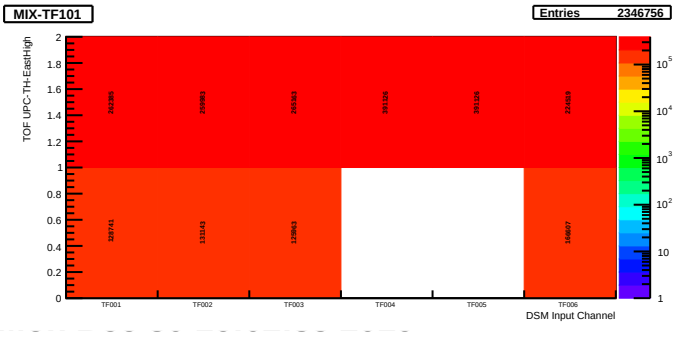

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

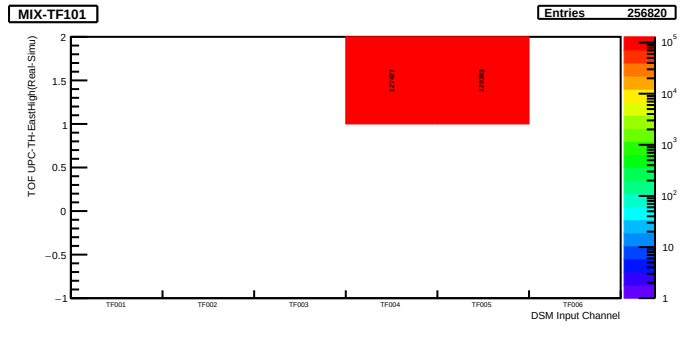

MIX-TF101
Entries 2346756
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

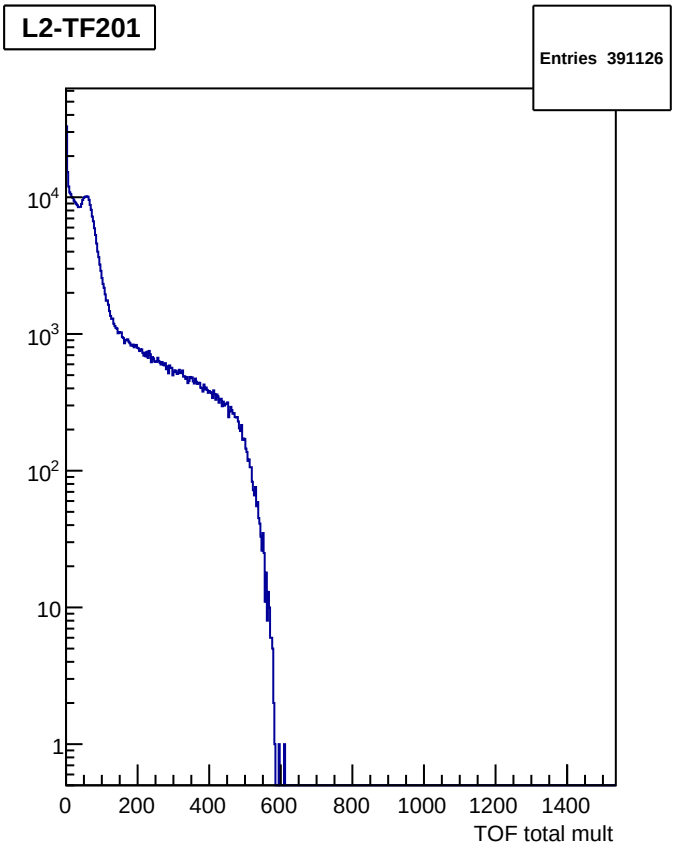

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

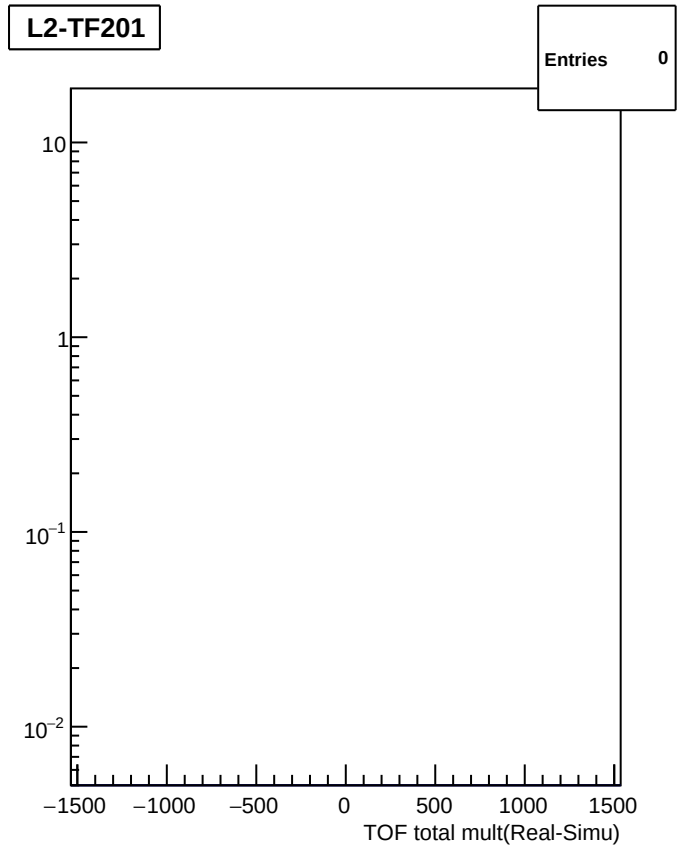

MIX-TF101
Entries 2346756
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

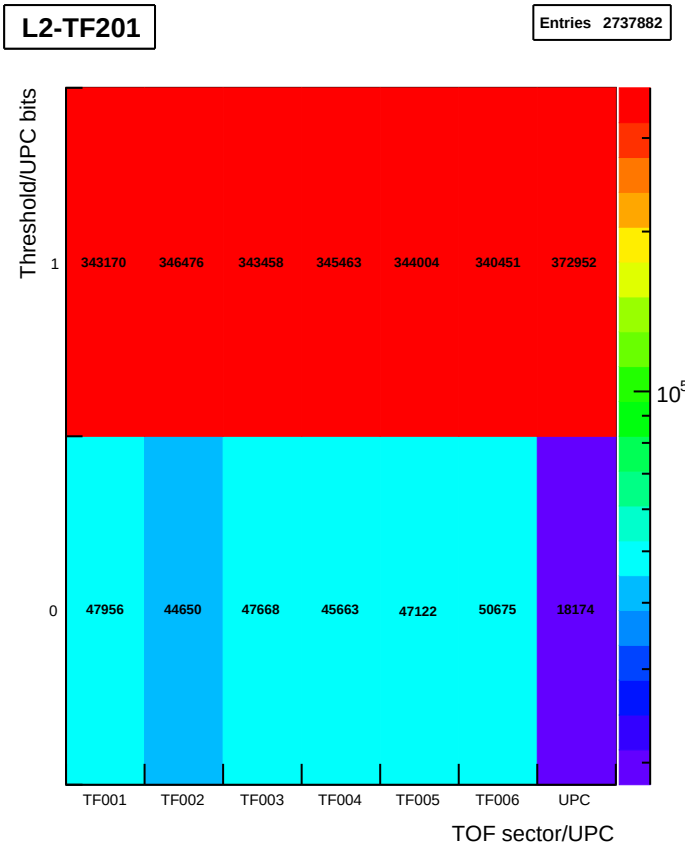

MIX-TF101
Entries 126904
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

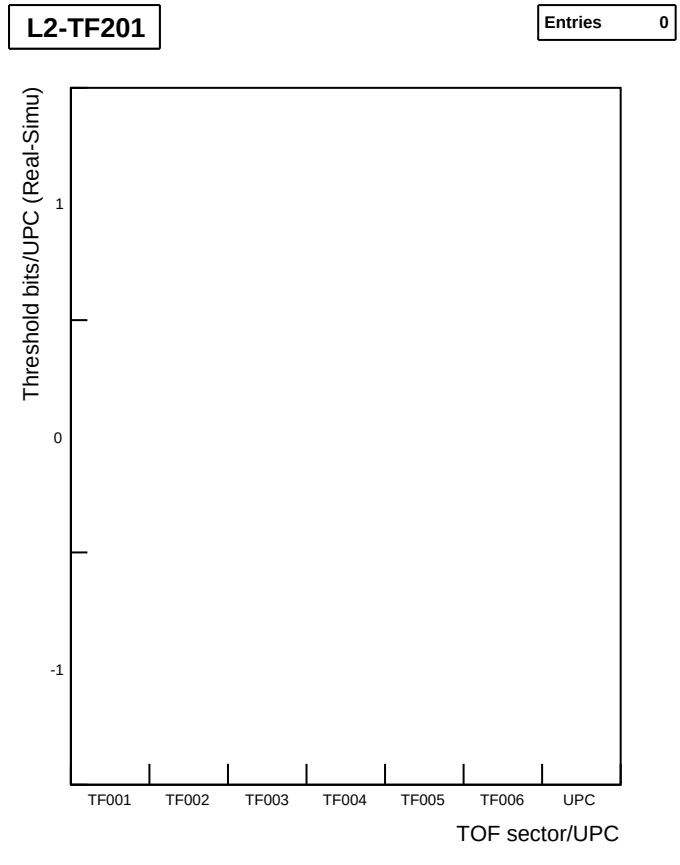

MIX-TF101
Entries 2346756
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

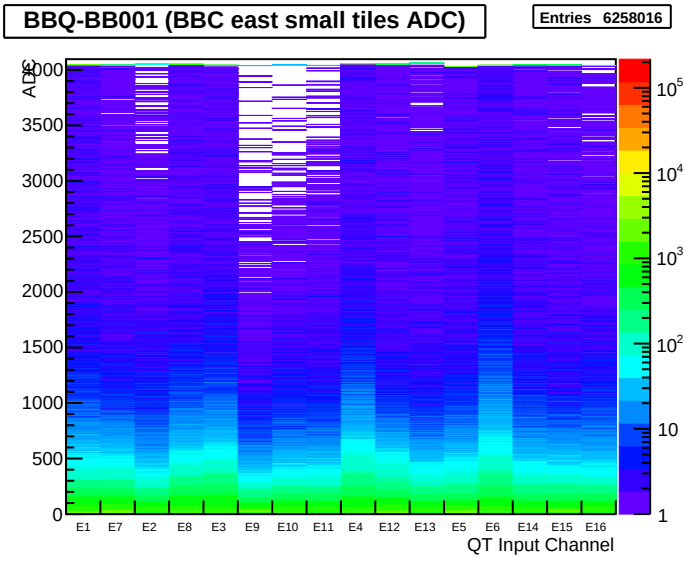

MIX-TF101
Entries 256820
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

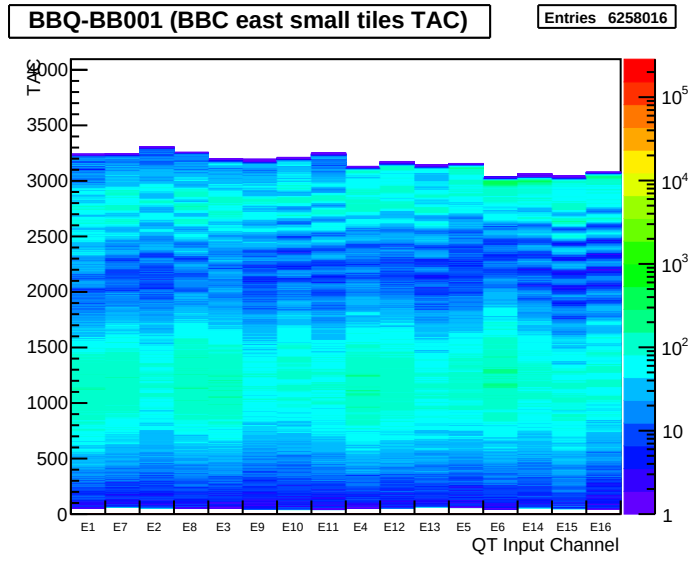

L2-TF201
Entries 391126
TOF total mult

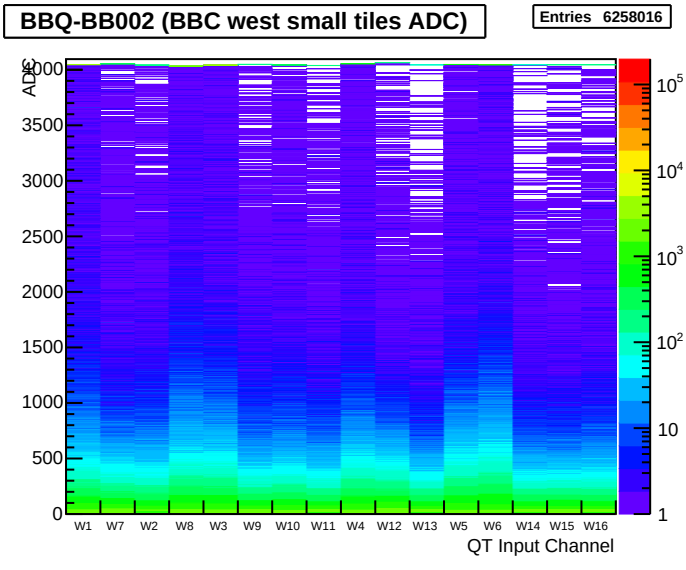

L2-TF201
Entries 0
TOF total mult(Real-Simu)

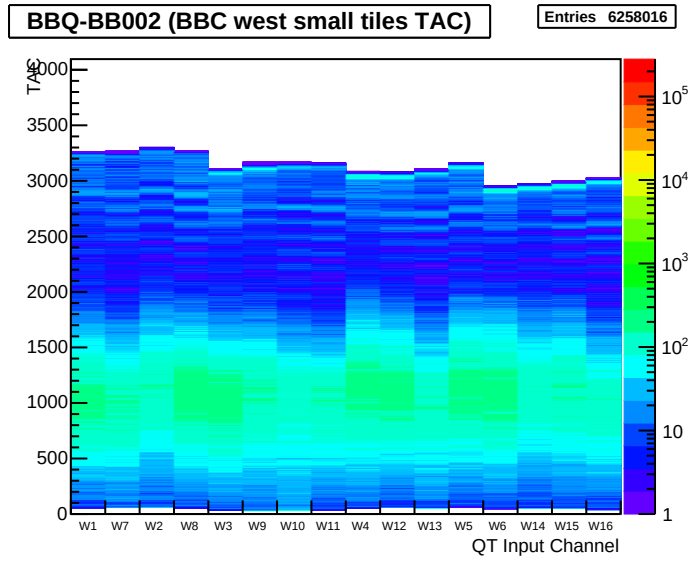

L2-TF201
Entries 2737882
Threshold/UPC bits
343170
346476
343458
345463
344004
340451
372952
47956
44650
47668
45663
47122
50675
18174
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

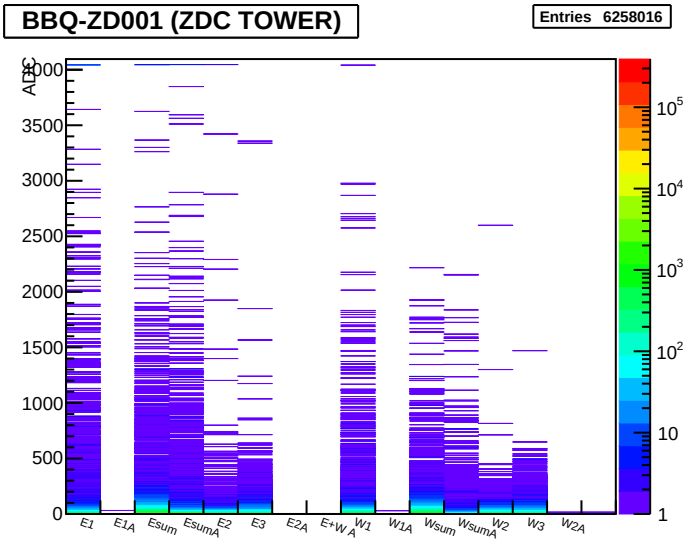

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

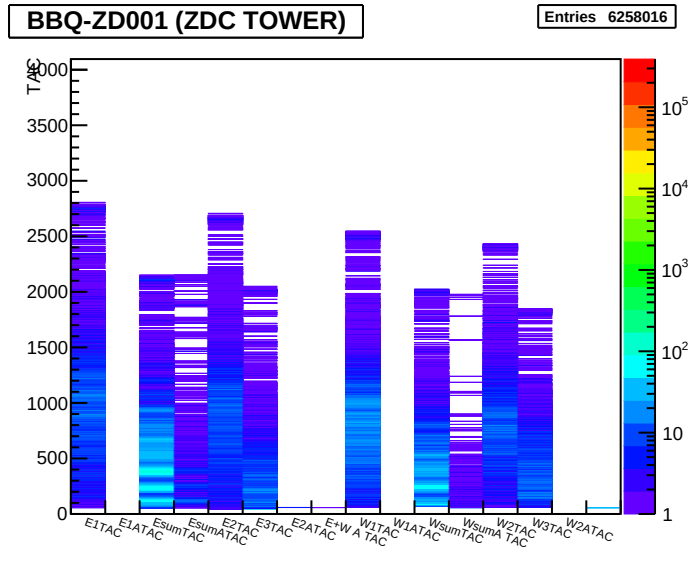

BBQ-BB001 (BBC east small tiles ADC)
Entries 6258016
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

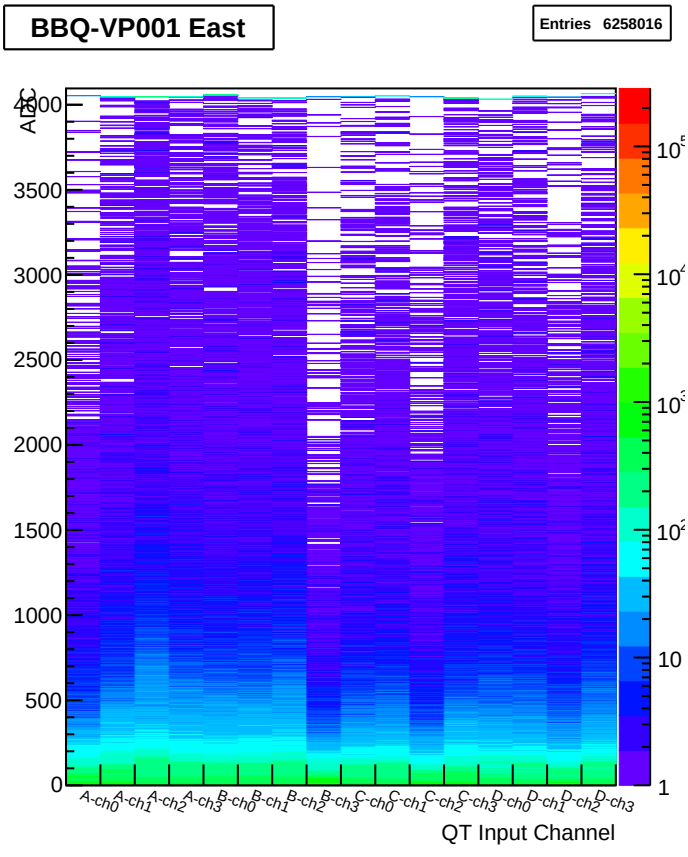

BBQ-BB001 (BBC east small tiles TAC)
Entries 6258016
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

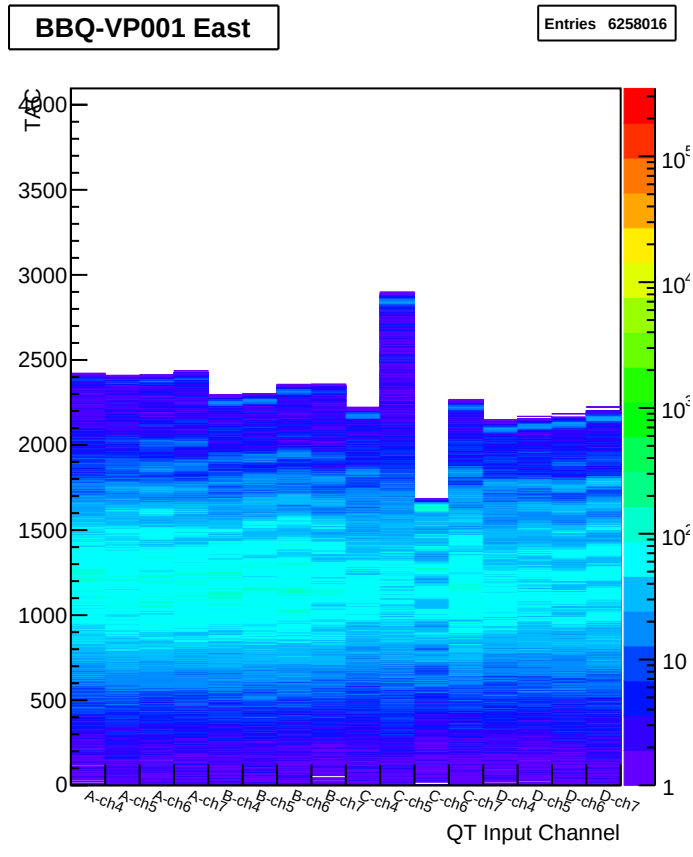

BBQ-BB002 (BBC west small tiles ADC)
Entries 6258016
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

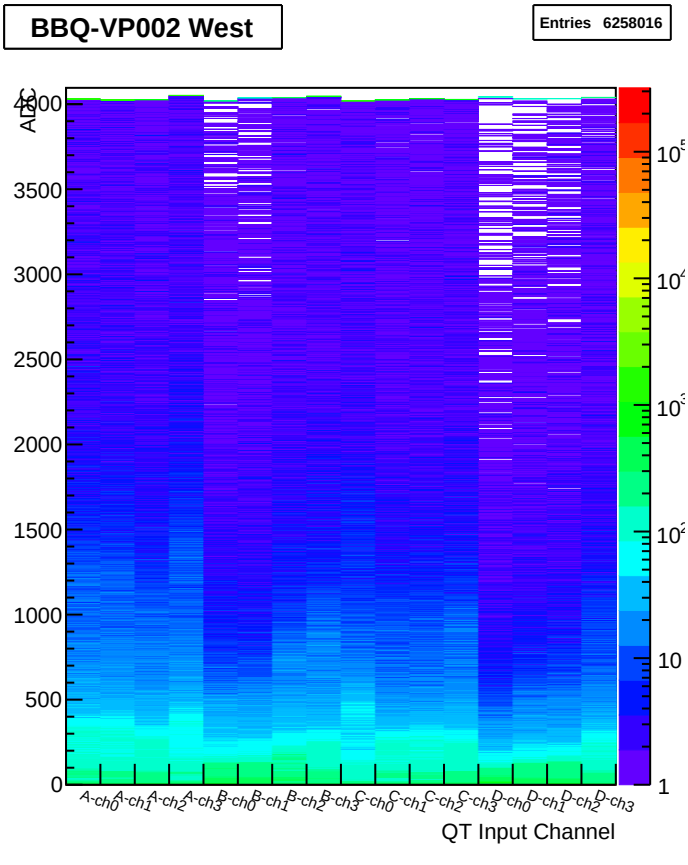

BBQ-BB002 (BBC west small tiles TAC)
Entries 6258016
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

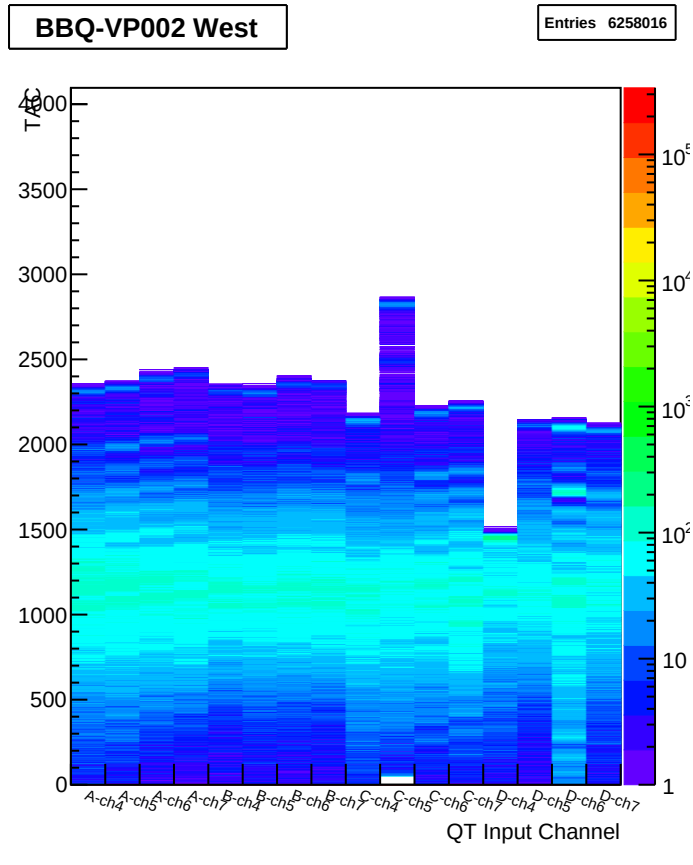

BBQ-ZD001 (ZDC TOWER)
Entries 6258016
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

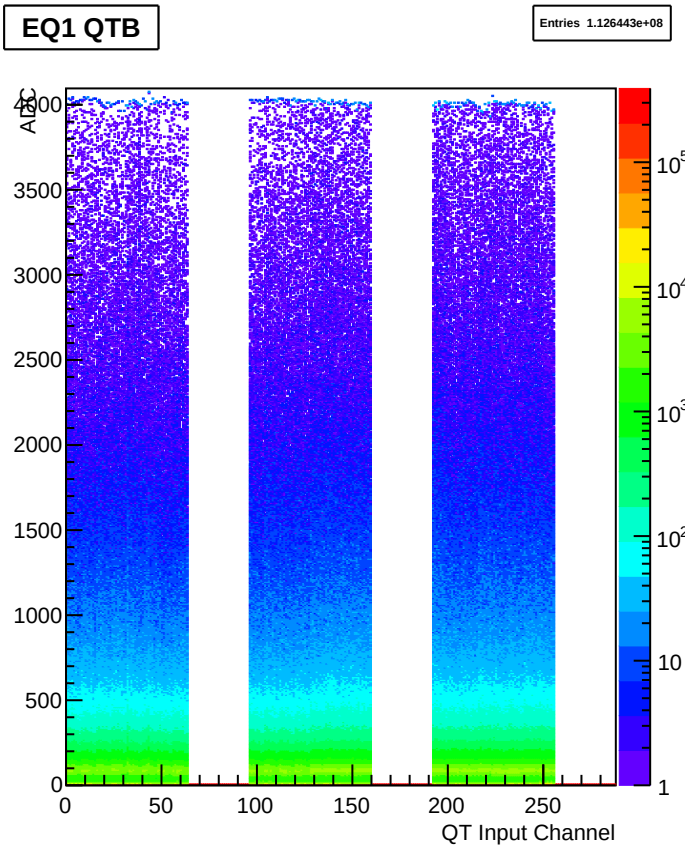

BBQ-ZD001 (ZDC TOWER)
Entries 6258016
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

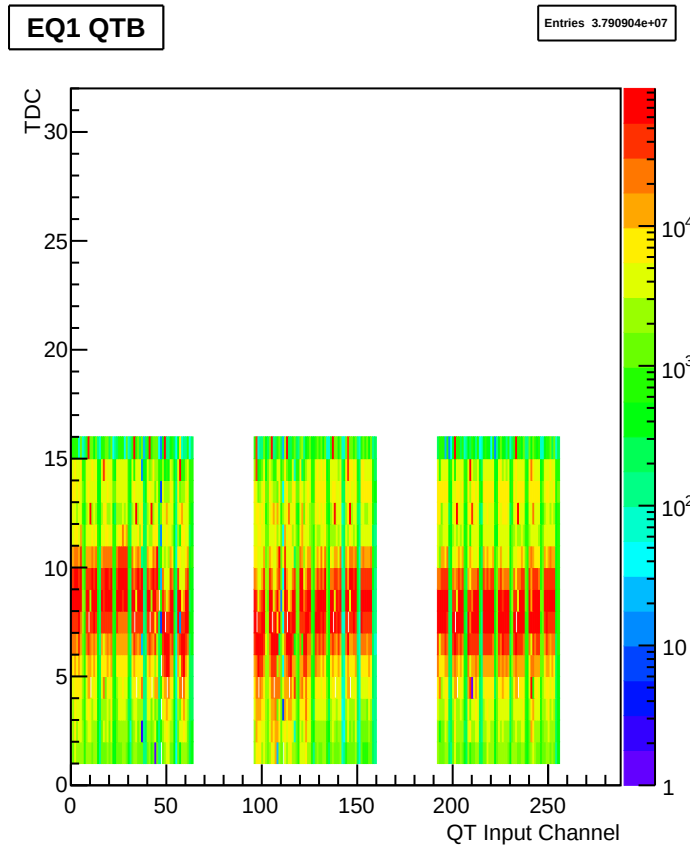

BBQ-VP001 East
Entries 6258016
ADC
QT Input Channel

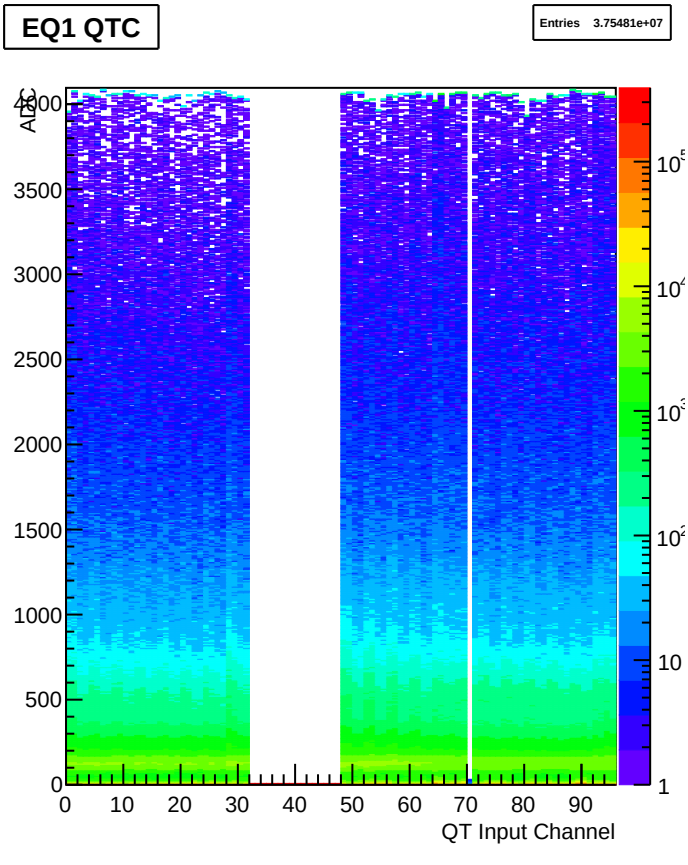

BBQ-VP001 East
Entries 6258016
ADC
QT Input Channel

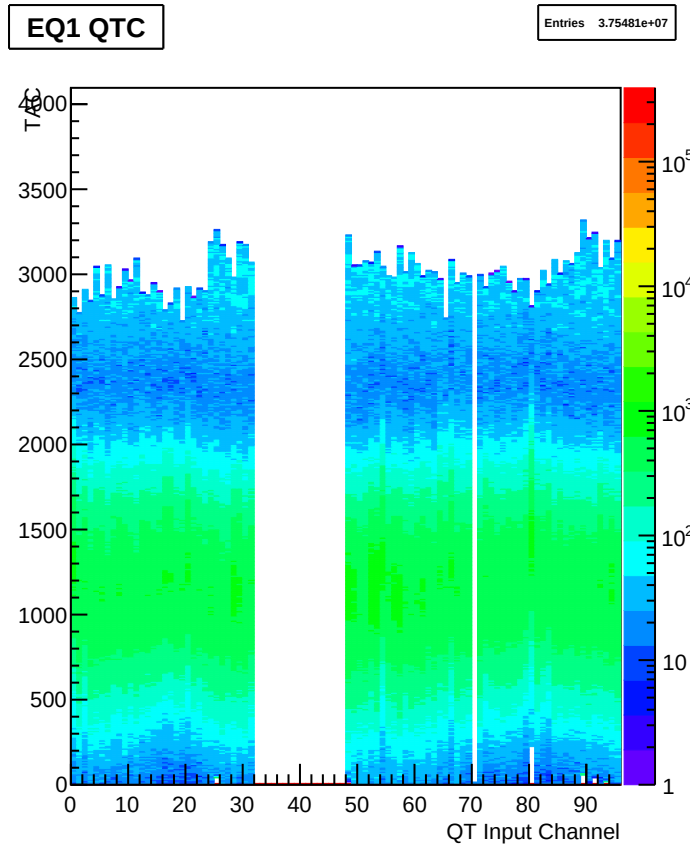

BBQ-VP002 West
Entries 6258016
ADC
QT Input Channel

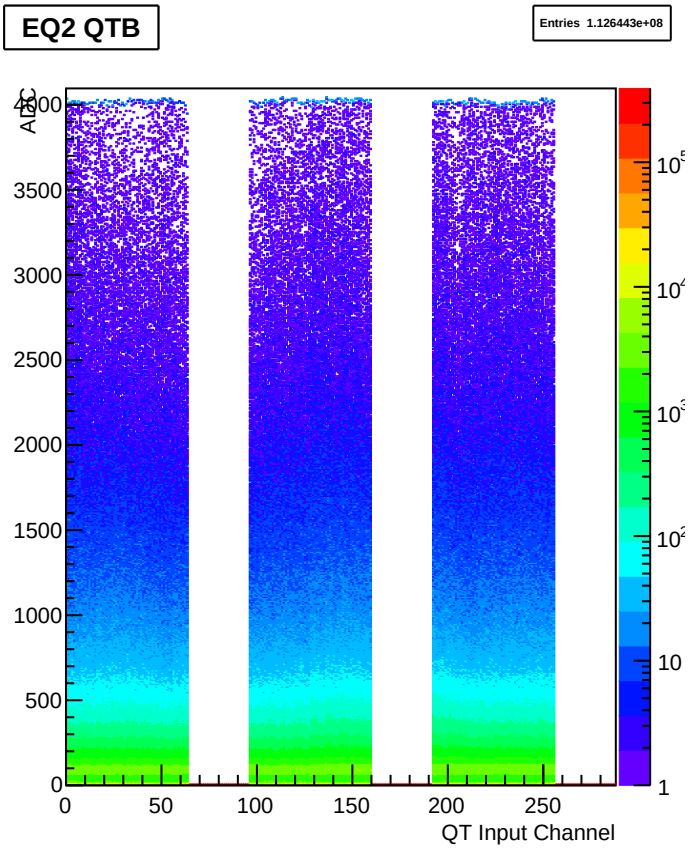

BBQ-VP002 West
Entries 6258016
ADC
QT Input Channel

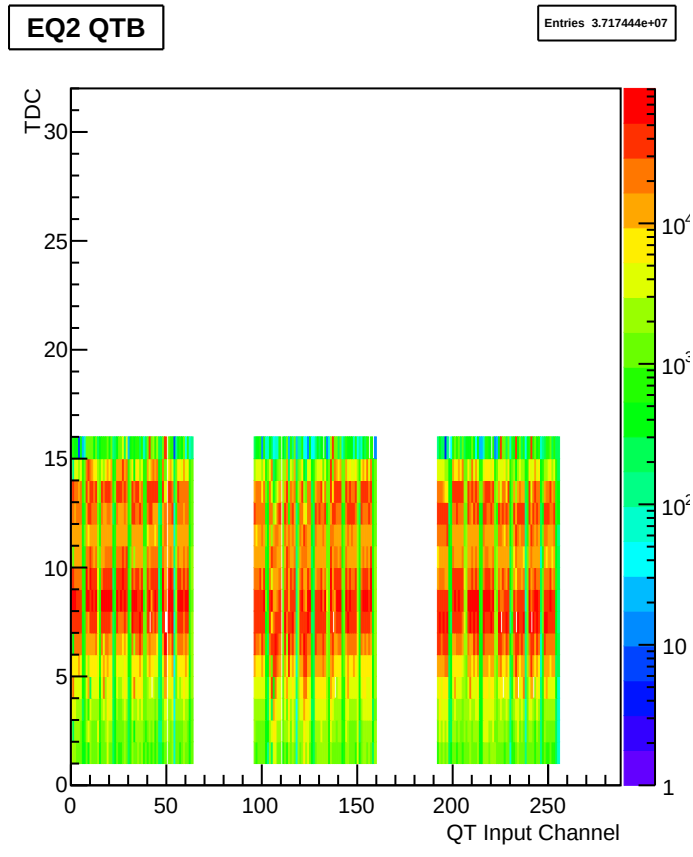

EQ1 QTB
Entries 1.126443e+08
ADC
QT Input Channel

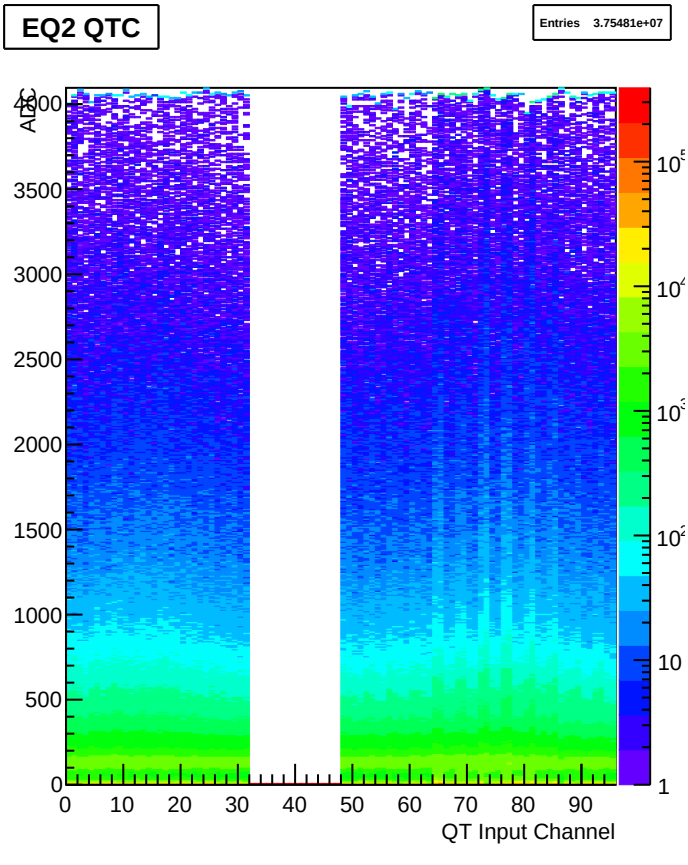

EQ1 QTB
Entries 3.790904e+07
TDC
QT Input Channel

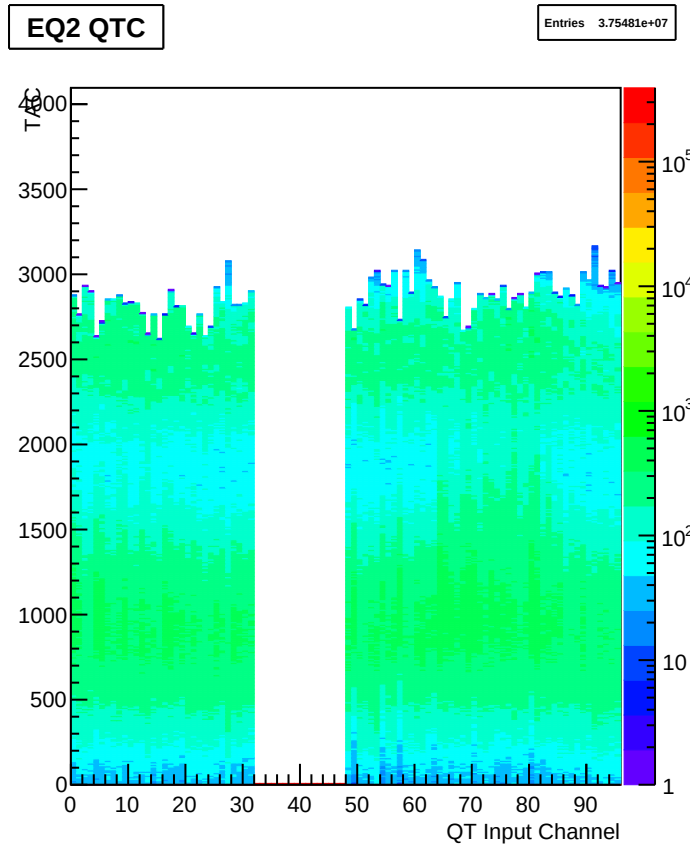

EQ1 QTC
Entries 3.75481e+07
ADC
QT Input Channel

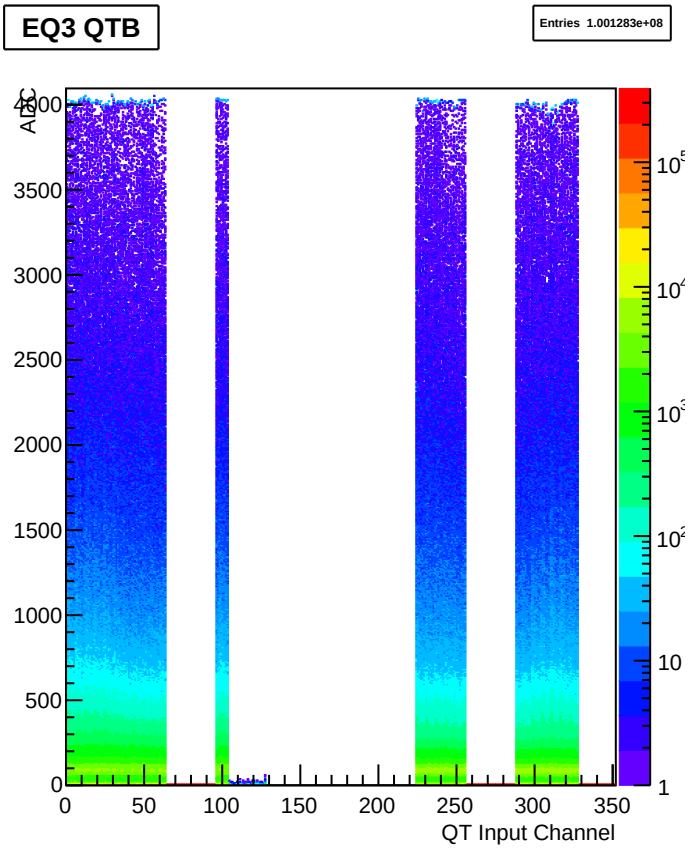

EQ1 QTC
Entries 3.75481e+07
TADC
QT Input Channel

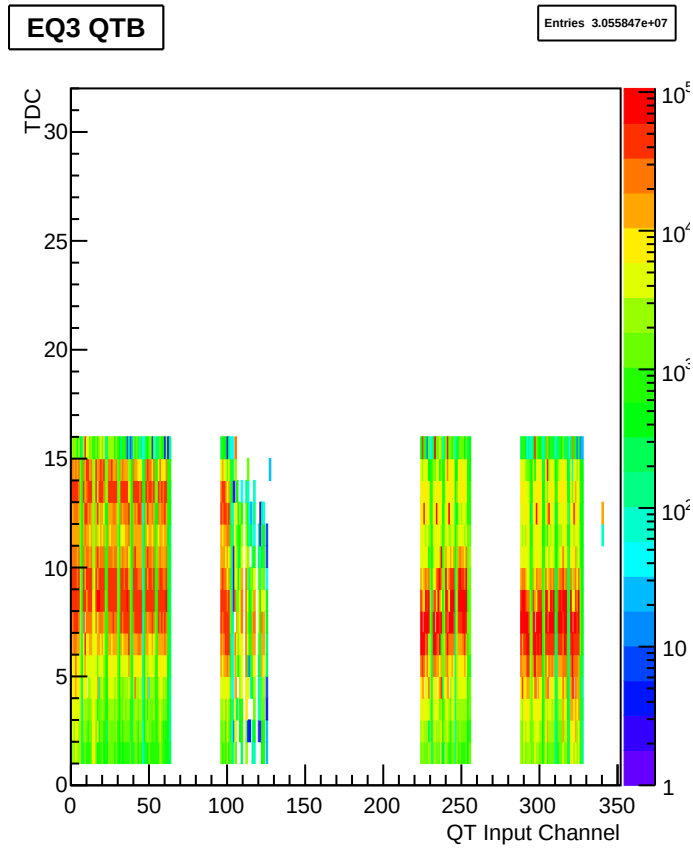

EQ2 QTB
Entries 1.126443e+08
ADC
QT Input Channel

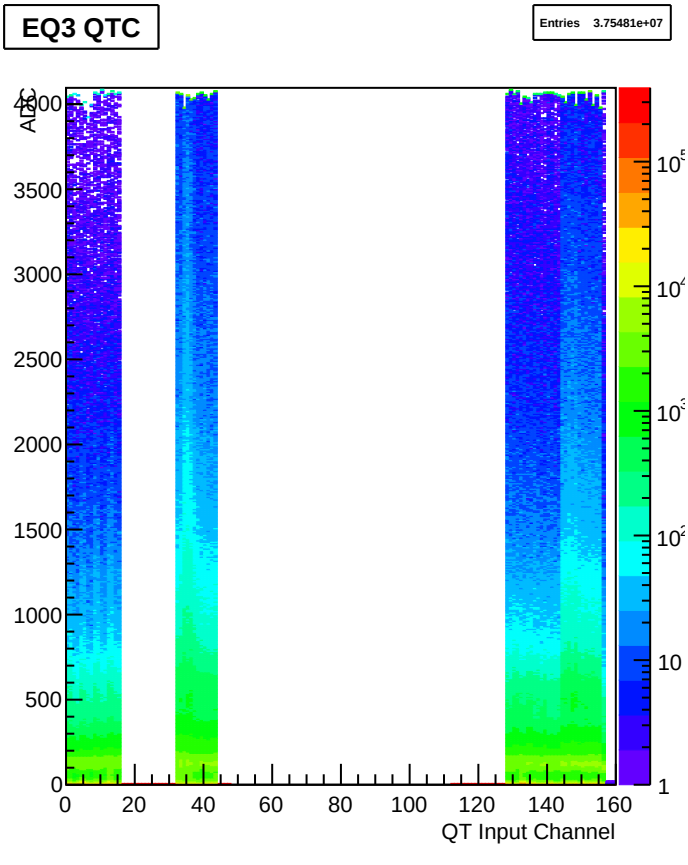

EQ2 QTB
Entries 3.717444e+07
TDC
QT Input Channel

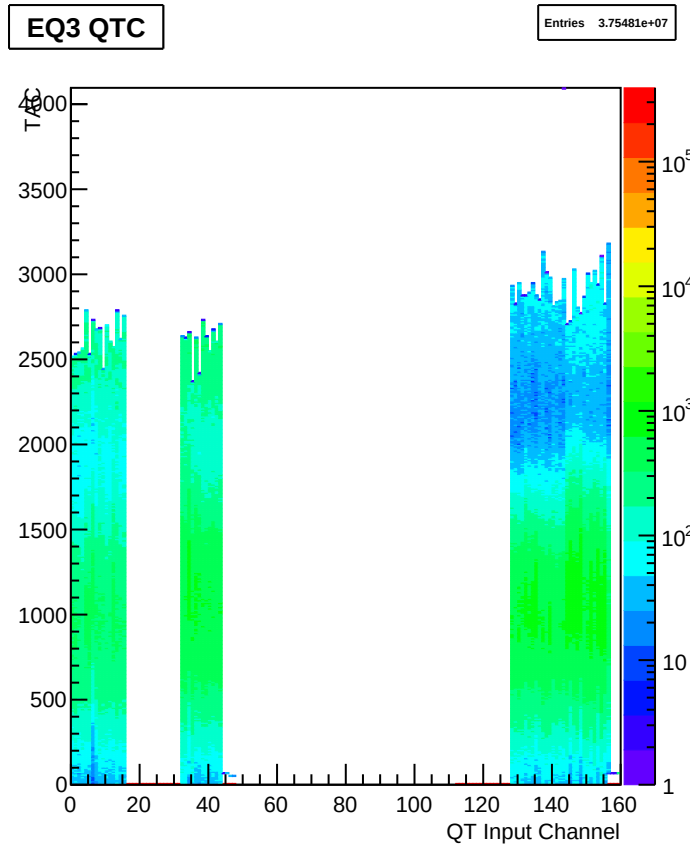

EQ2 QTC
Entries 3.75481e+07
ADC
QT Input Channel

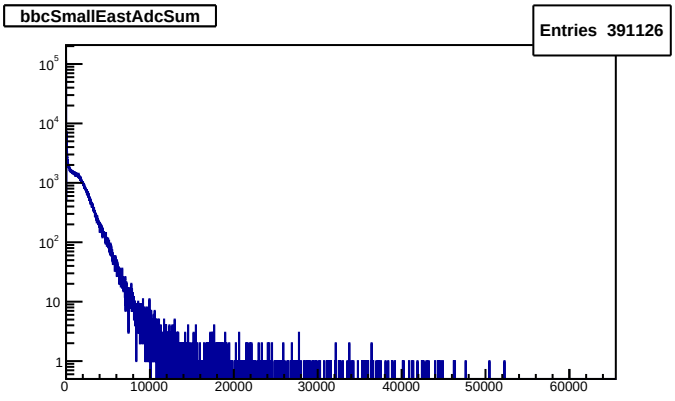

EQ2 QTC
Entries 3.75481e+07
TADC
QT Input Channel

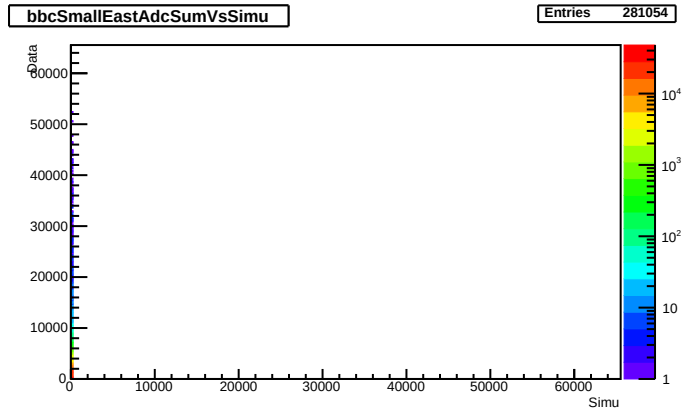

EQ3 QTB
Entries 1.001283e+08
ADC
QT Input Channel

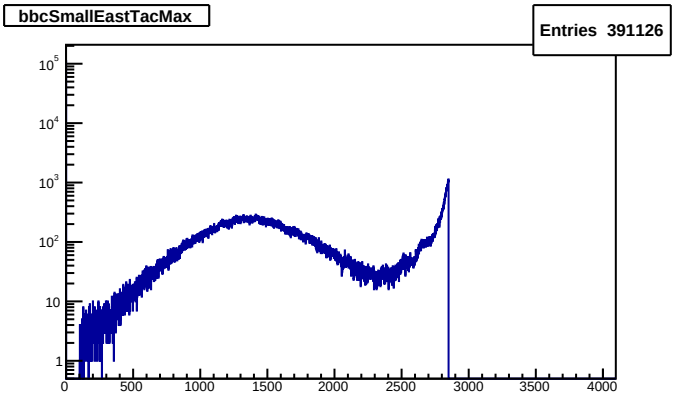

EQ3 QTB
Entries 3.055847e+07
TDC
QT Input Channel

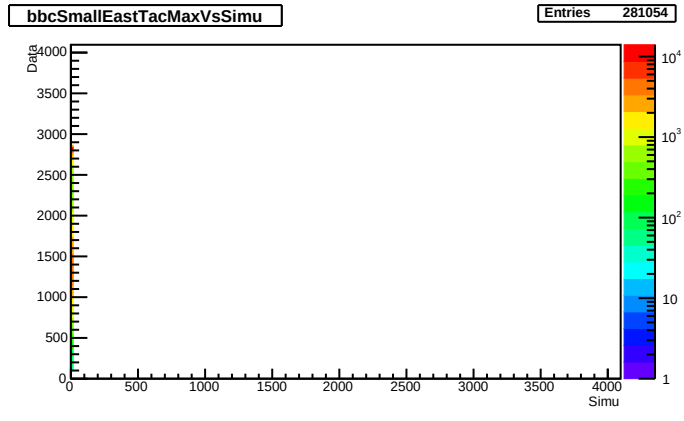

EQ3 QTC
Entries 3.75481e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.75481e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 391126


bbcSmallEastAdcSumVsSimu
Entries 281054
Data
Simu


bbcSmallEastTacMax
Entries 391126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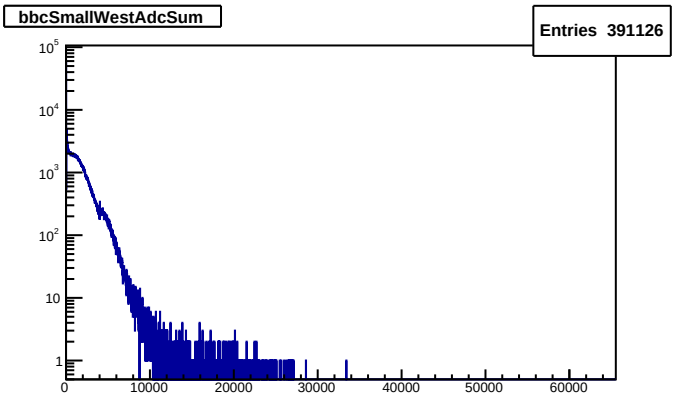
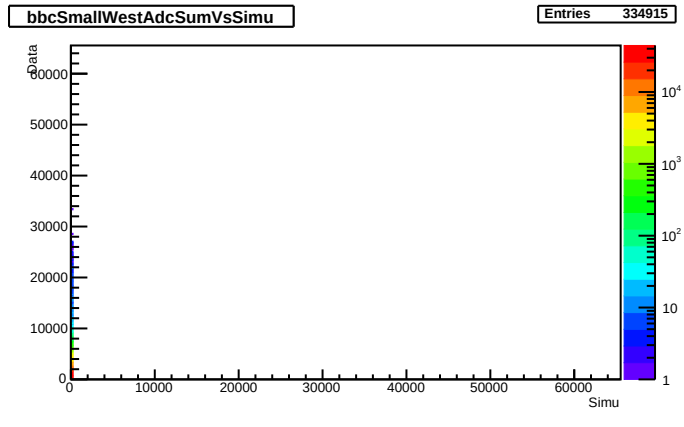
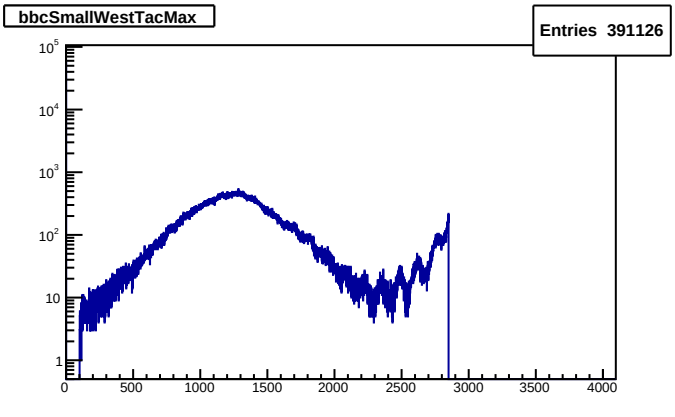
Entries 281054
Data
Simu


bbcSmallWestAdcSum
Entries 391126


bbcSmallWestAdcSumVsSimu
Entries 334915
Data
Simu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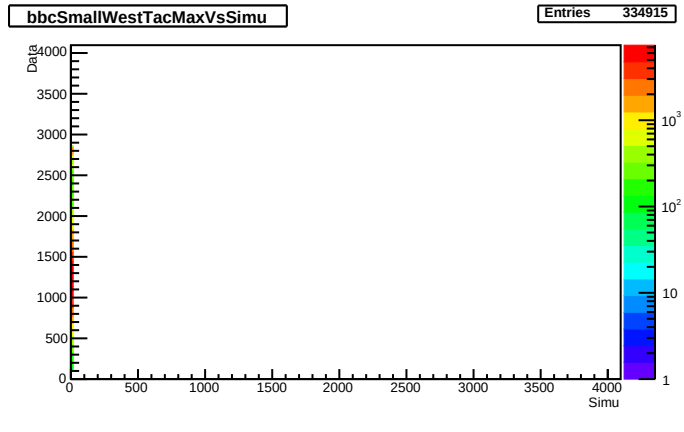
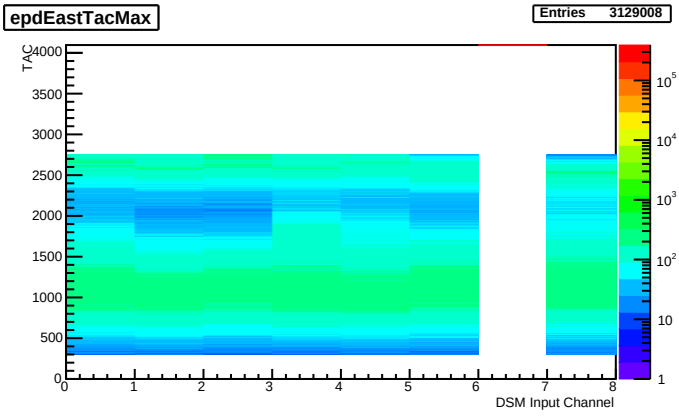
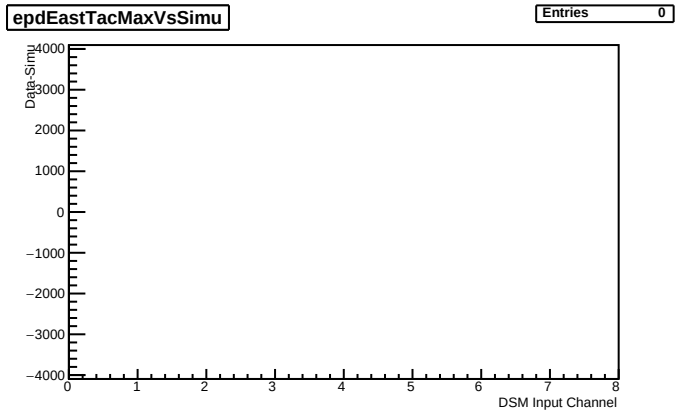
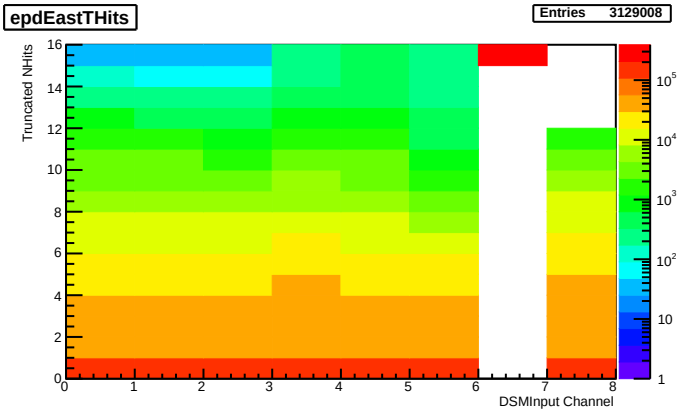
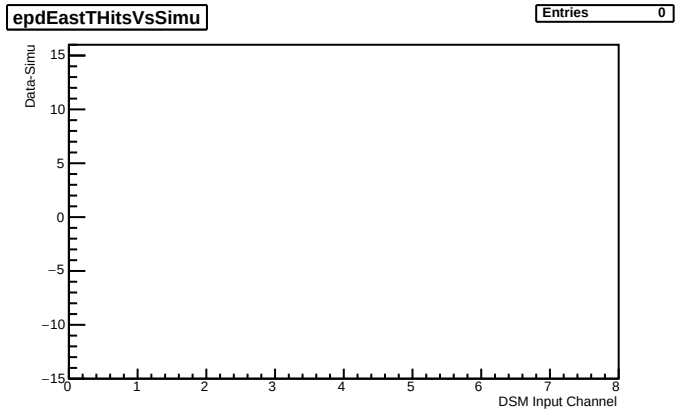
Entries 391126


bbcSmallWestTacMaxVsSimu
Entries 334915
Data
Simu


epdEastTacMax
Entries 3129008
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3129008
Truncated NHits
DSMInput Channel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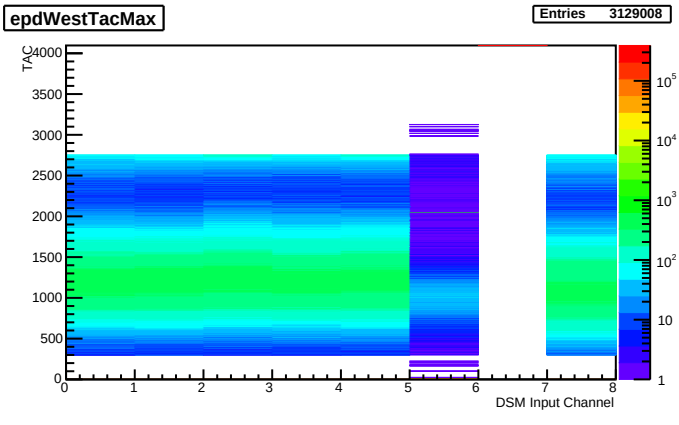
Data-Simu
DSM Input Channel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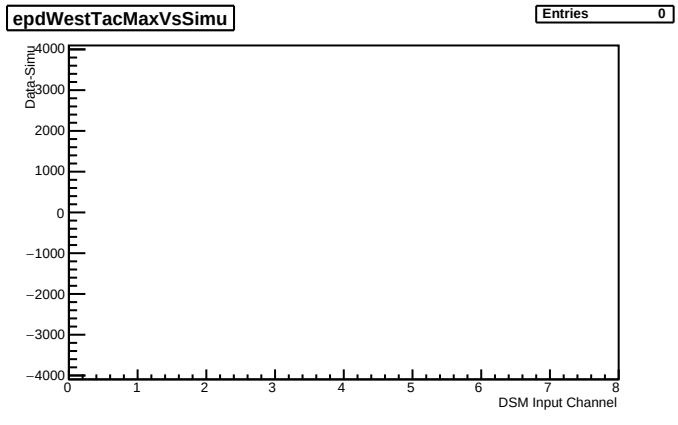
Entries 3129008
TAC
DSM Input Channel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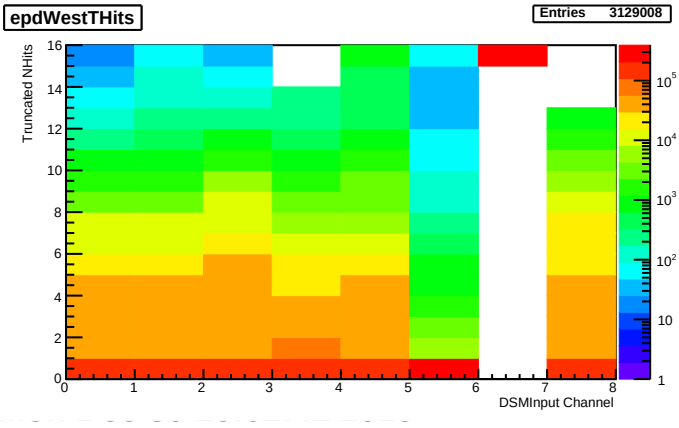
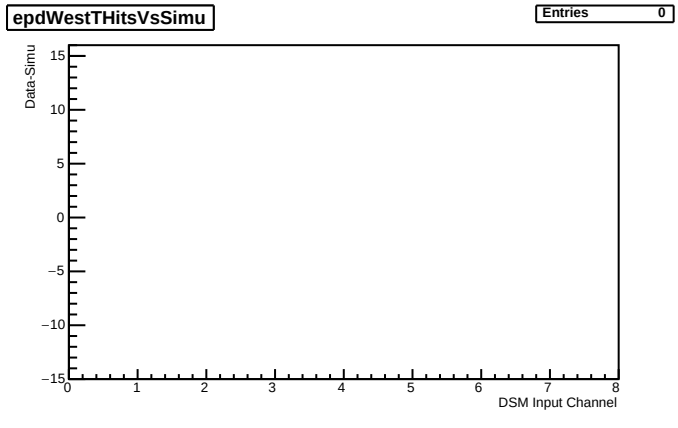
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3129008
Truncated NHits
DSMInput Channel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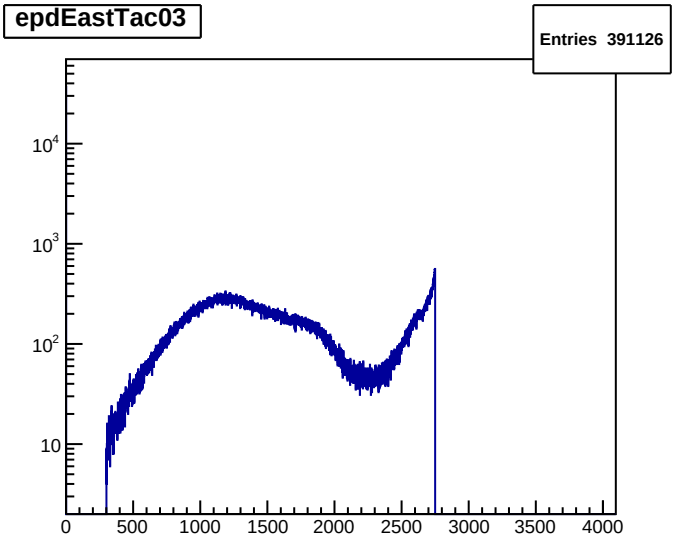
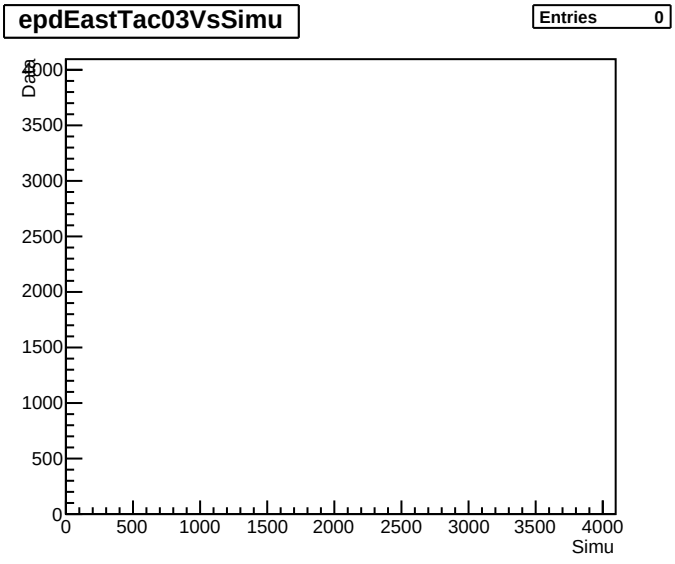
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 391126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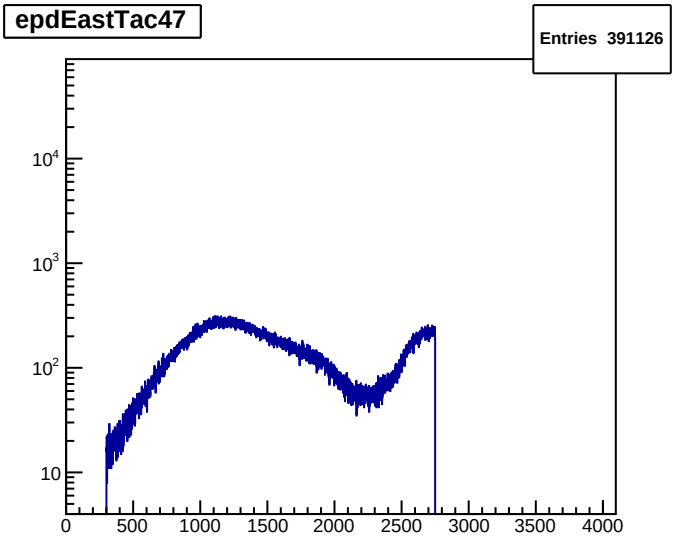
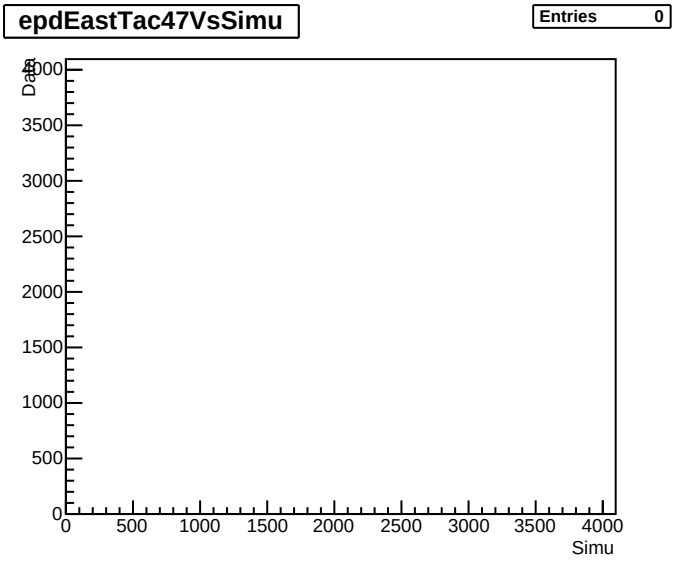
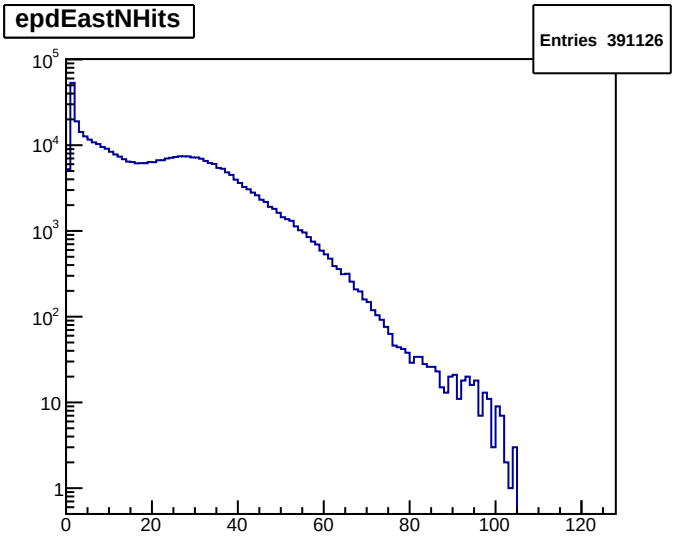
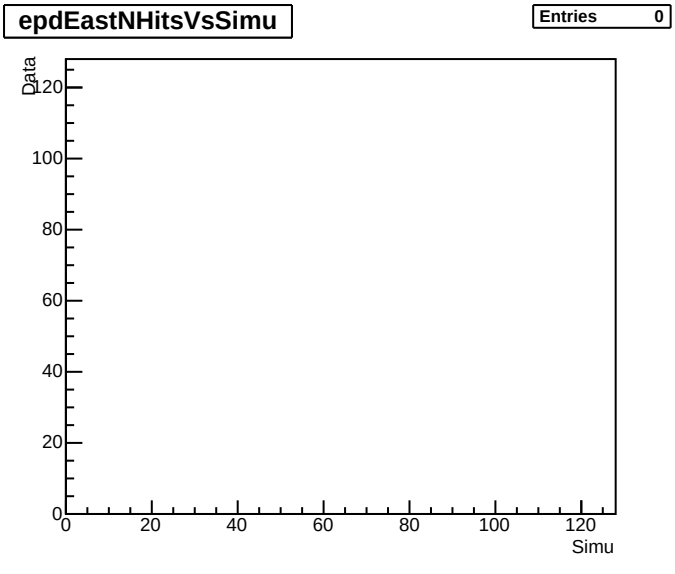
Entries 0
Data
Simu


epdEastTac47
Entries 391126


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 391126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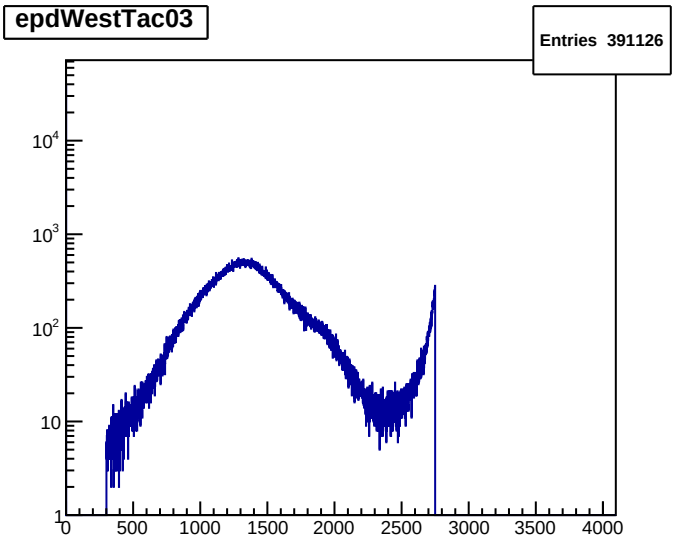
Entries 0
Data
Simu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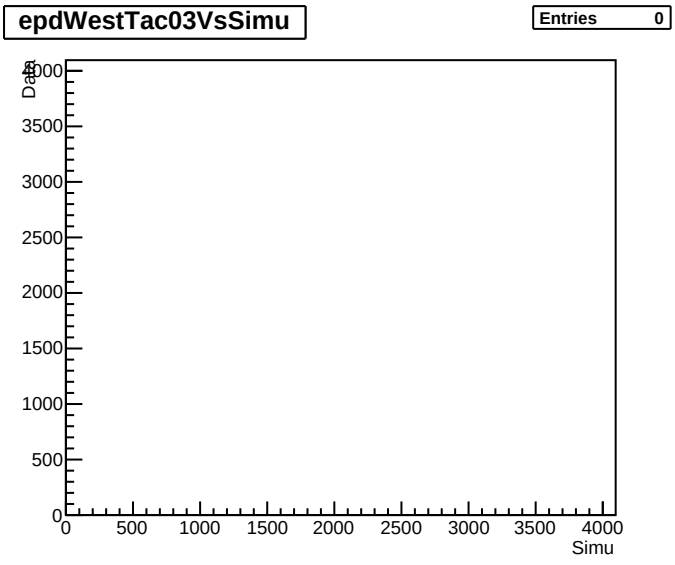
Entries 391126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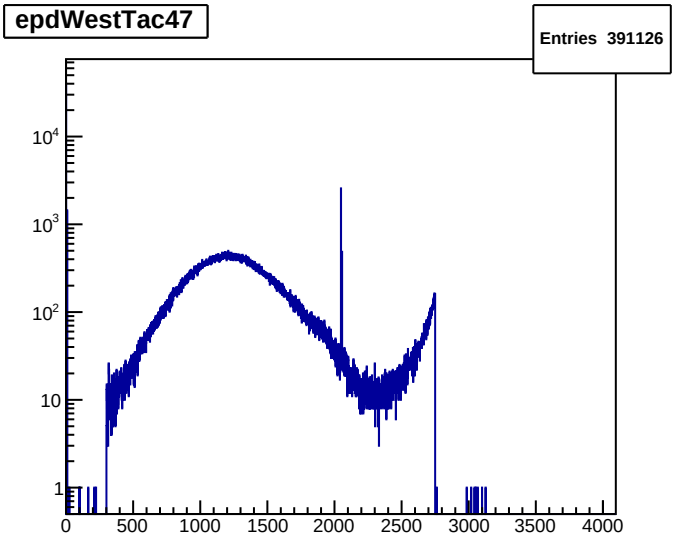
Entries 0
Data
Simu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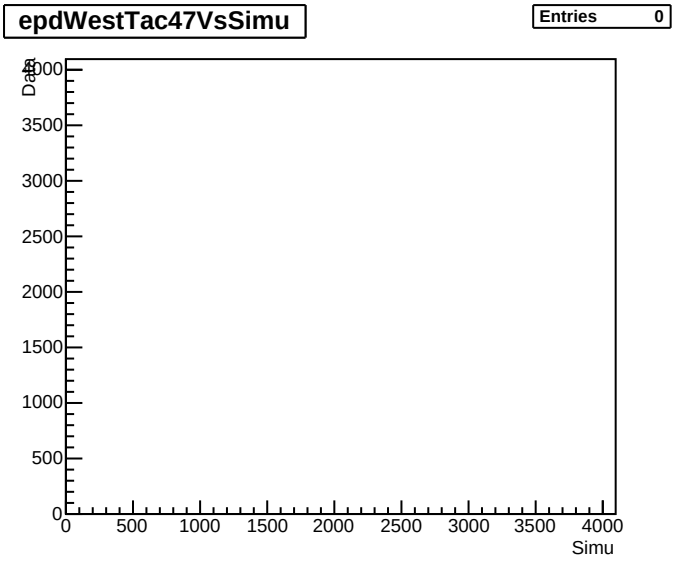
Entries 391126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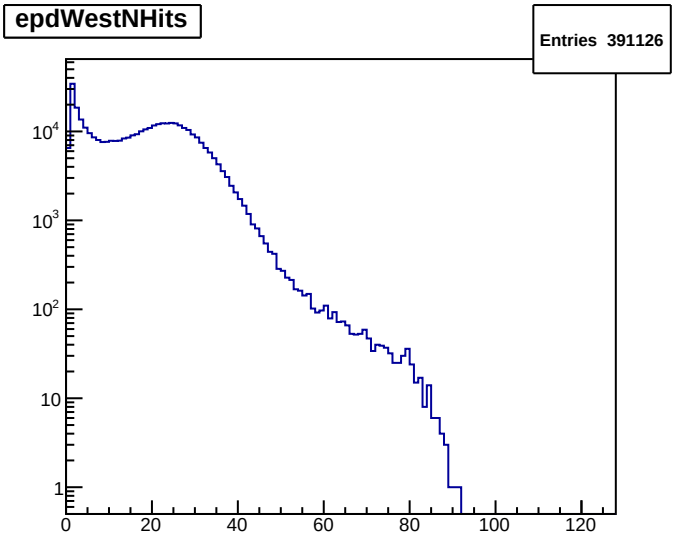
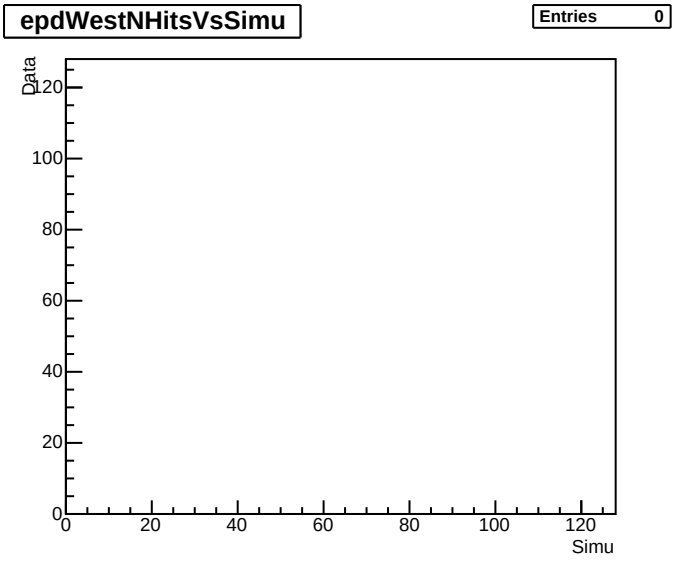
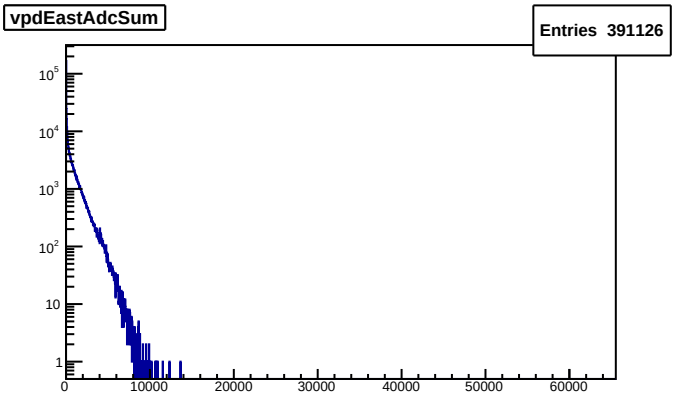
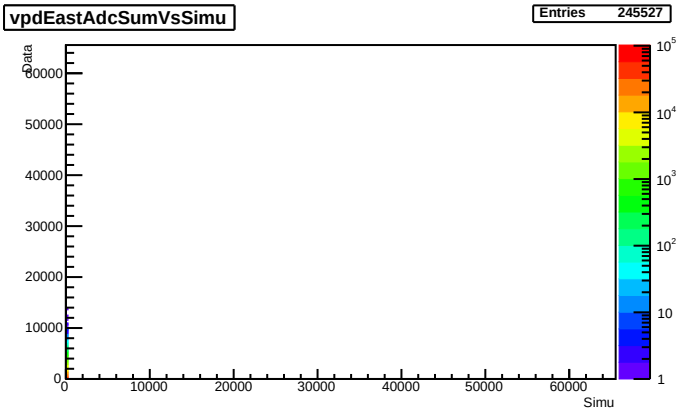
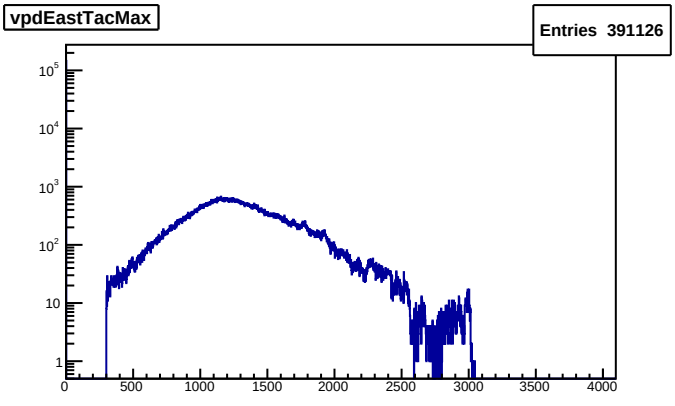
Entries 0
Data
Simu

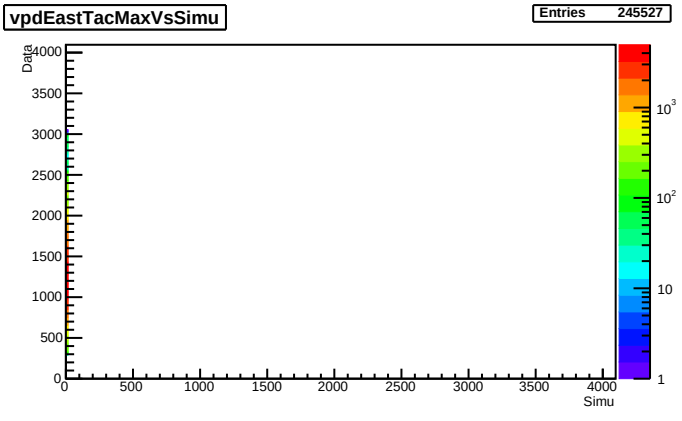

epdWestNHits
Entries 391126

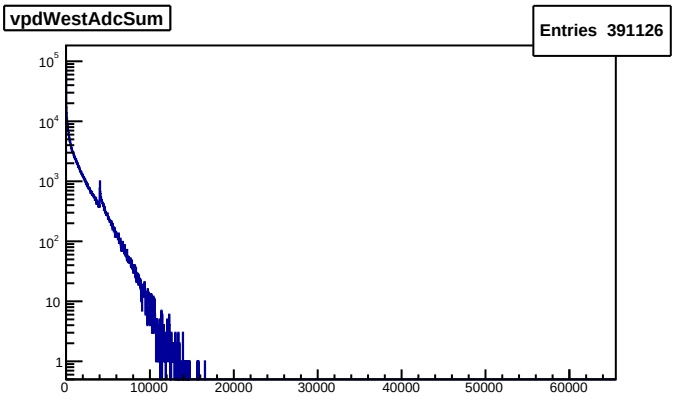

epdWestNHitsVsSimu
Entries 0
Data
Simu

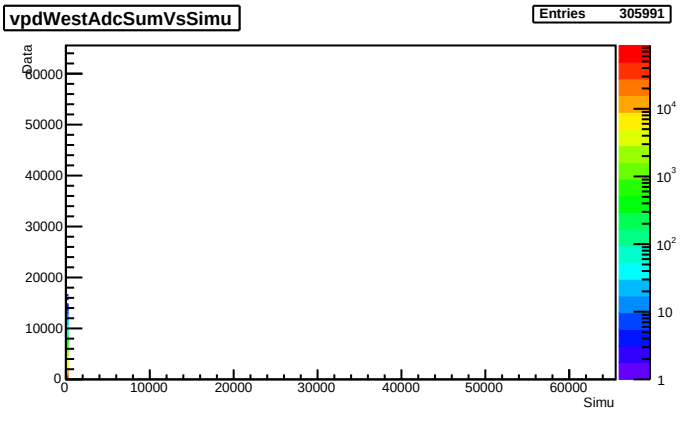

vpdEastAdcSum
Entries 391126

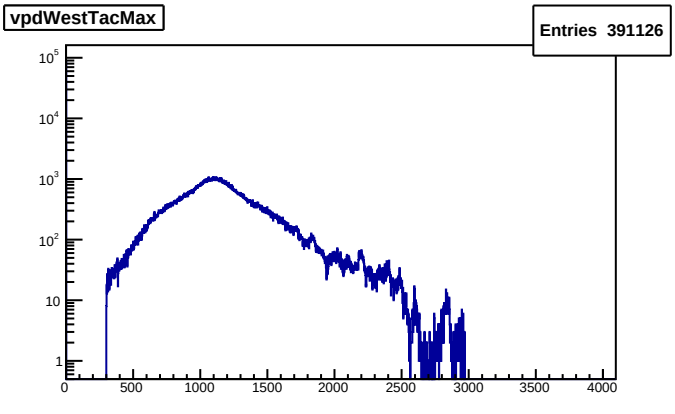

vpdEastAdcSumVsSimu
Entries 245527
Data
Simu

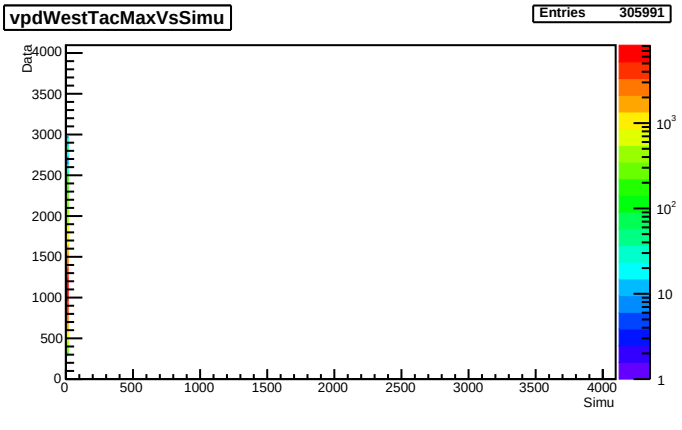

vpdEastTacMax
Entries 391126

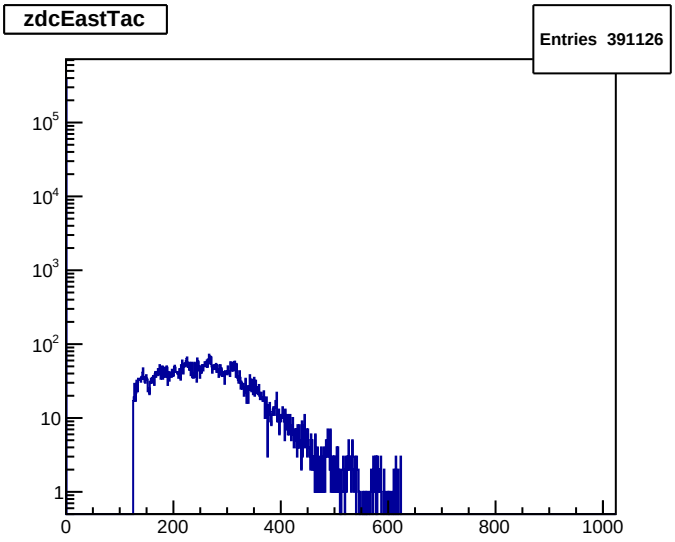

vpdEastTacMaxVsSimu
Entries 245527
Data
Simu

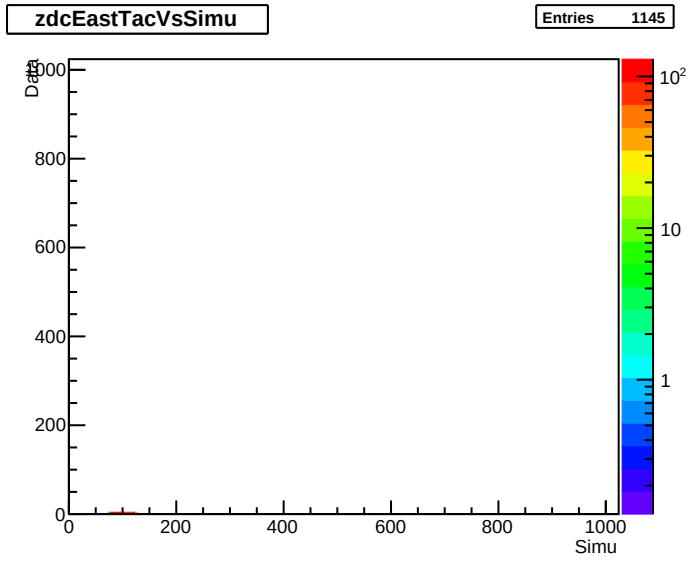

vpdWestAdcSum
Entries 391126

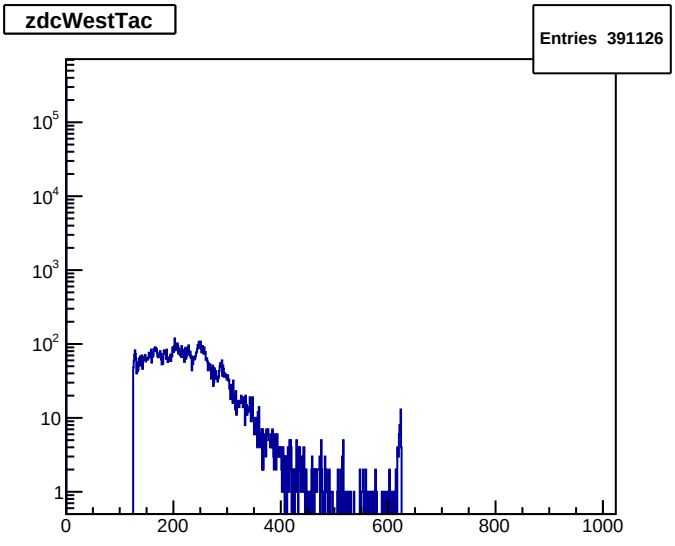

vpdWestAdcSumVsSimu
Entries 305991
Data
Simu

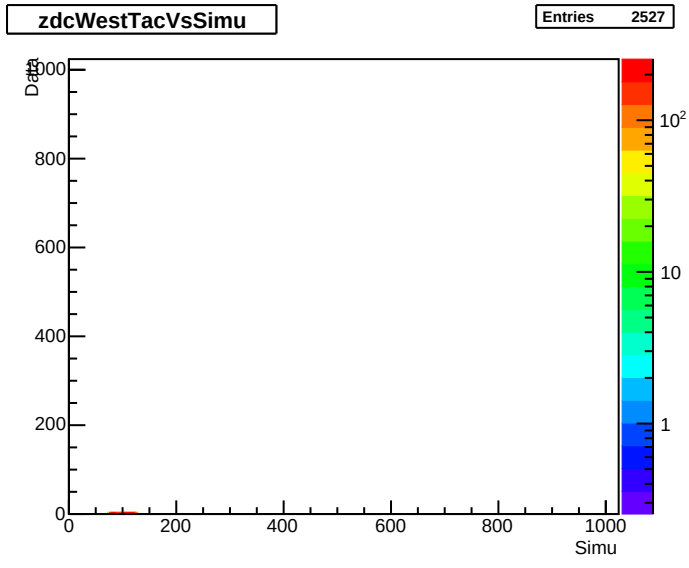

vpdWestTacMax
Entries 391126

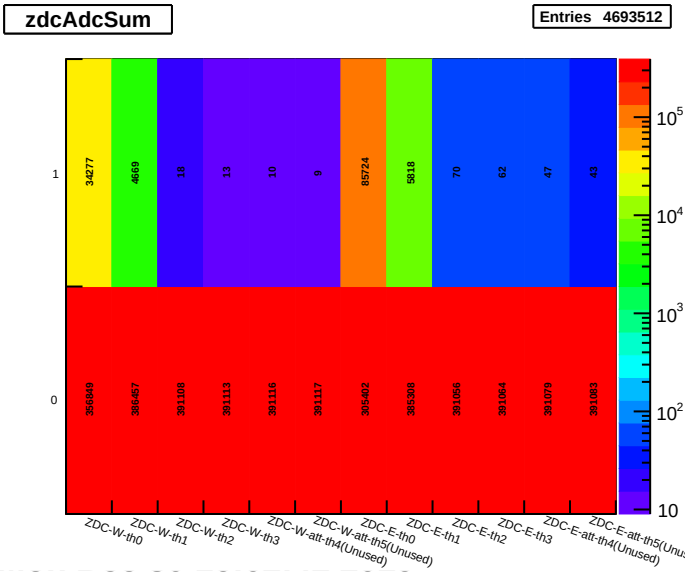

vpdWestTacMaxVsSimu
Entries 305991
Data
Simu

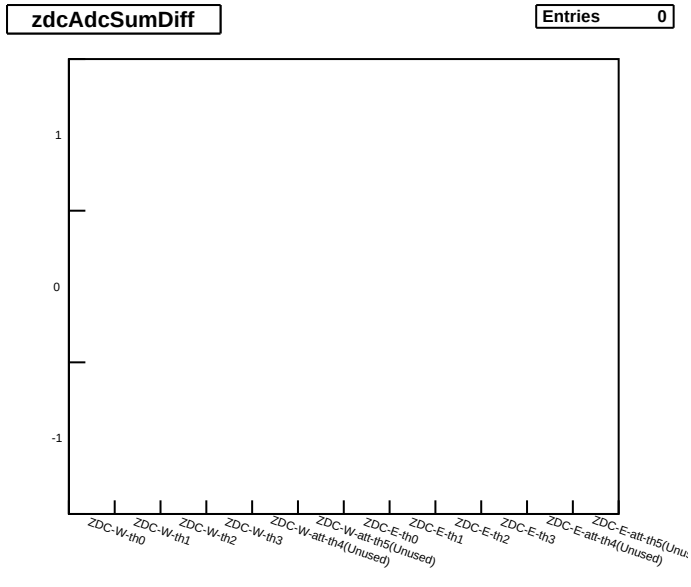

zdcEastTac
Entries 391126

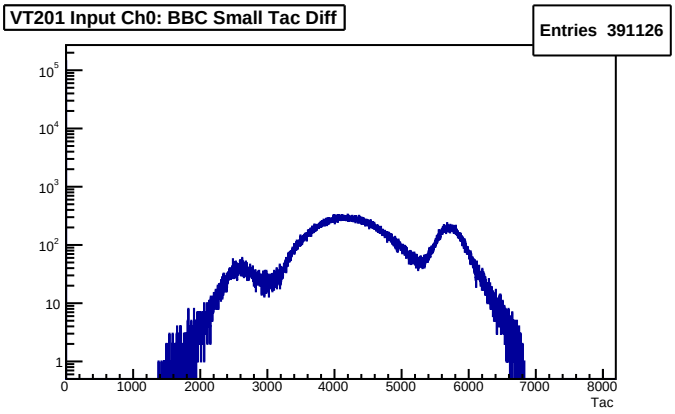

zdcEastTacVsSimu
Entries 1145
Data
Simu

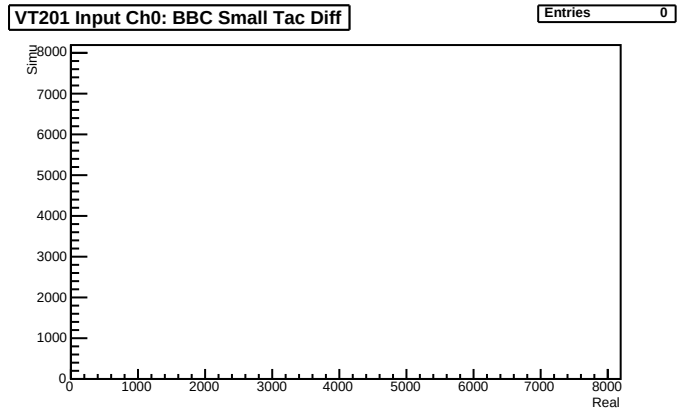

zdcWestTac
Entries 391126

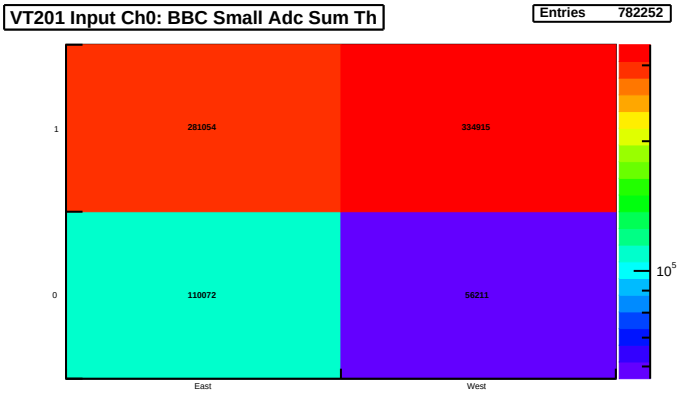

zdcWestTacVsSimu
Entries 2527
Data
Simu

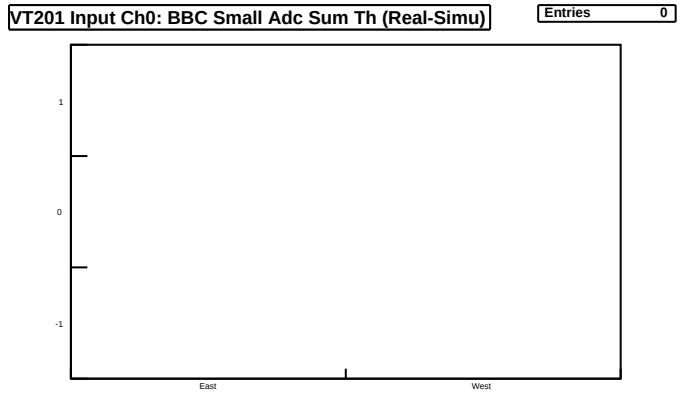

zdcAdcSum
Entries 4693512
34277
4669
18
13
10
9
85724
5818
70
62
47
43
356849
386457
391108
391113
391116
391117
305402
385308
391056
391064
391070
391083
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

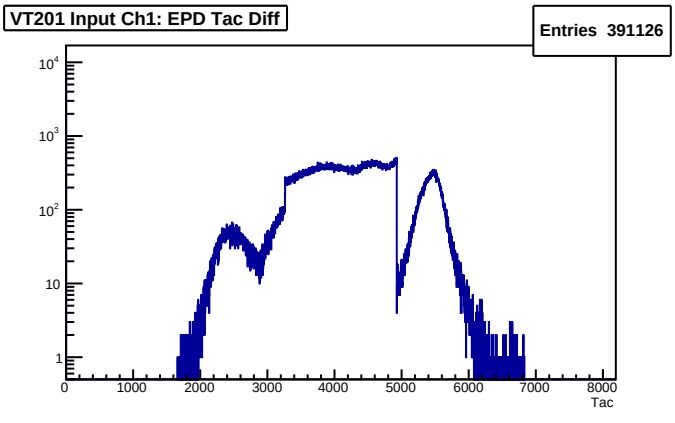

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

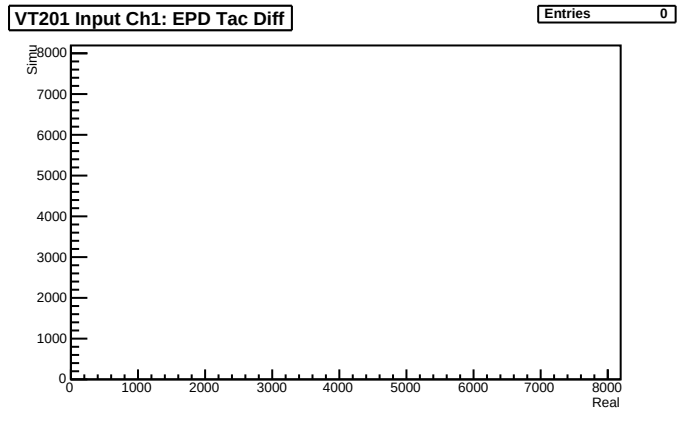

VT201 Input Ch0: BBC Small Tac Diff
Entries 391126
Tac

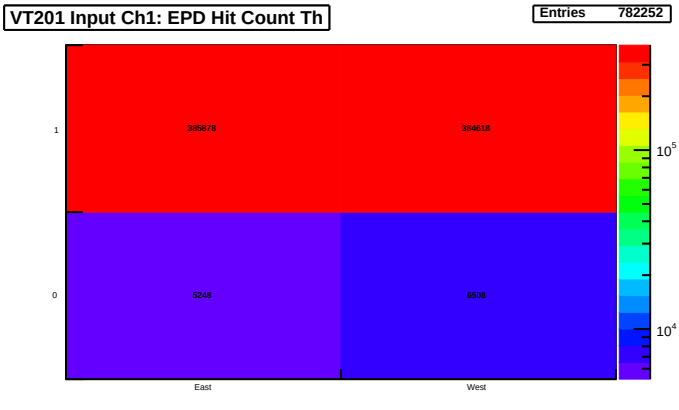

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

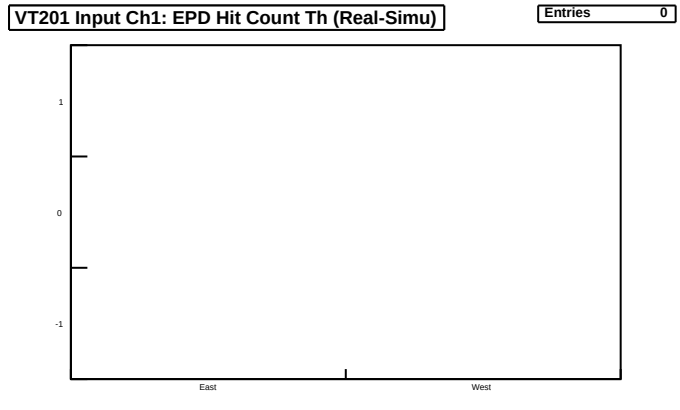

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 782252
281054
334915
110072
50211
East
West

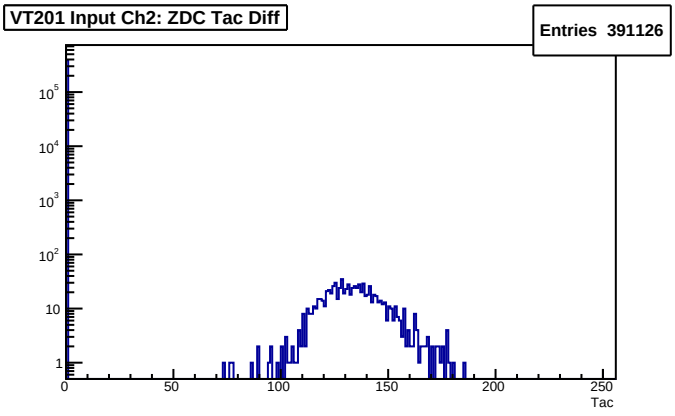

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

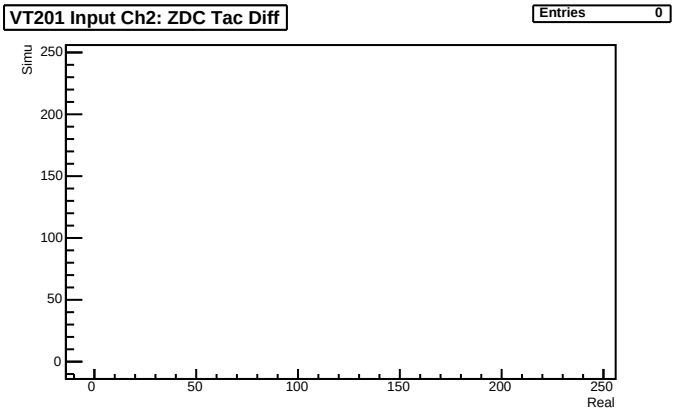

VT201 Input Ch1: EPD Tac Diff
Entries 391126
Tac

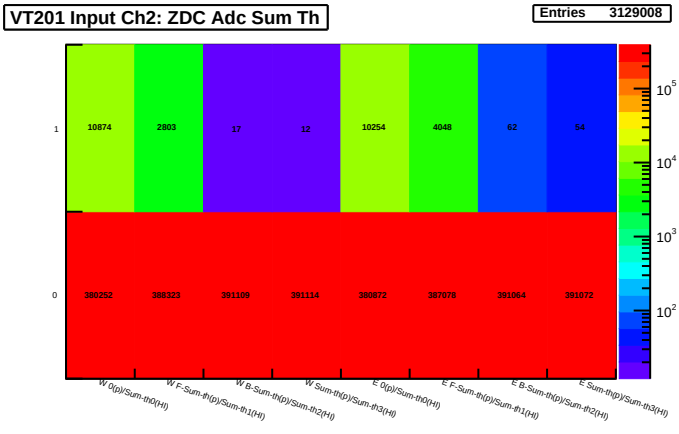

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

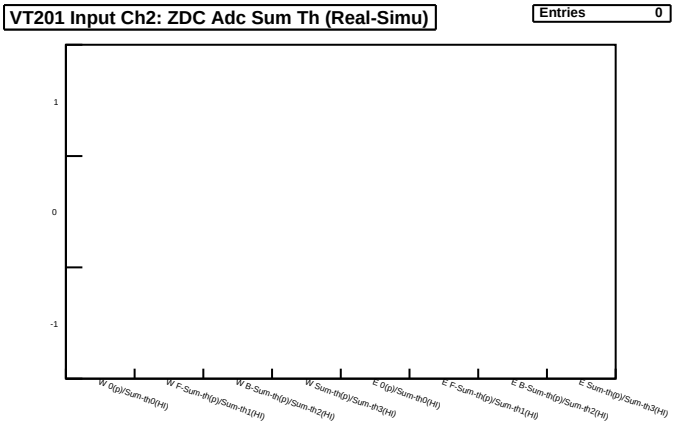

VT201 Input Ch1: EPD Hit Count Th
Entries 782252
385878
384618
5248
6508
East
West

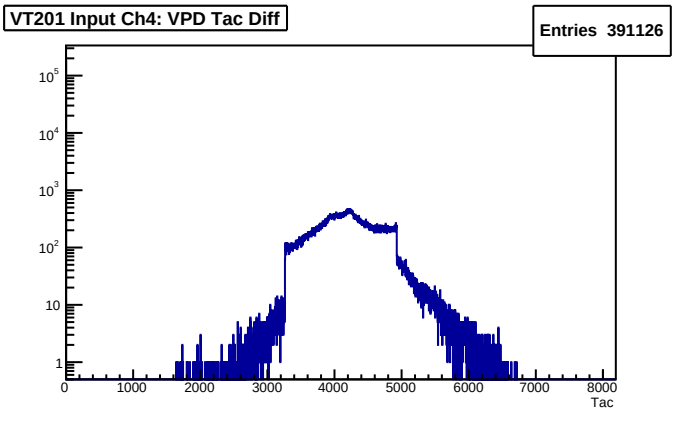

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

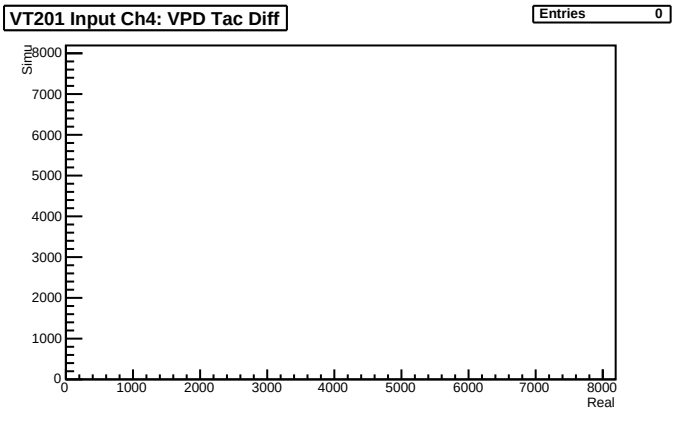

VT201 Input Ch2: ZDC Tac Diff
Entries 391126
Tac

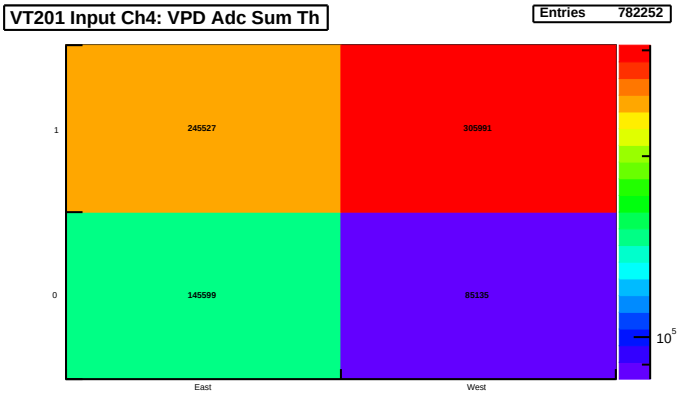

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

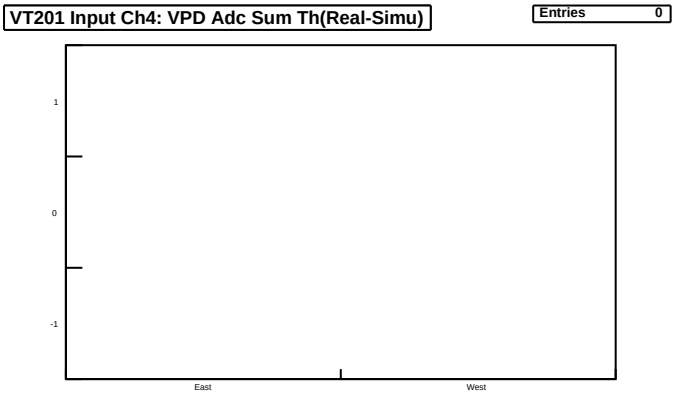

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3129008
10874
2803
17
12
10254
4048
62
54
380252
388323
391109
391114
380872
387078
391064
391072
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

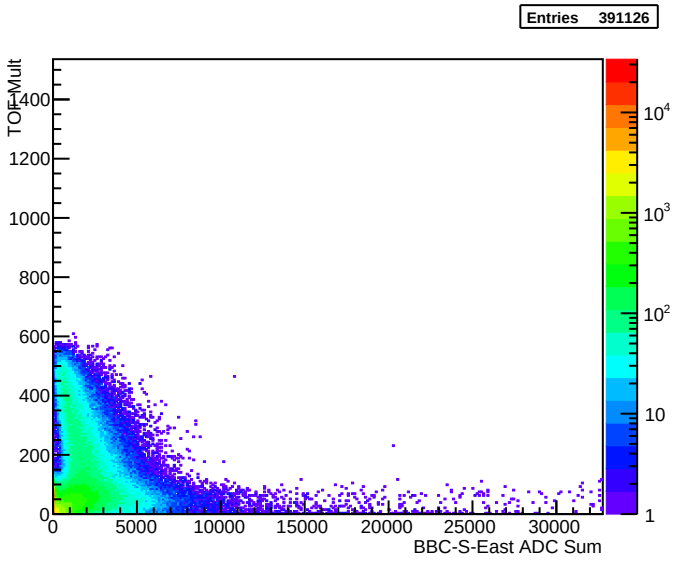

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

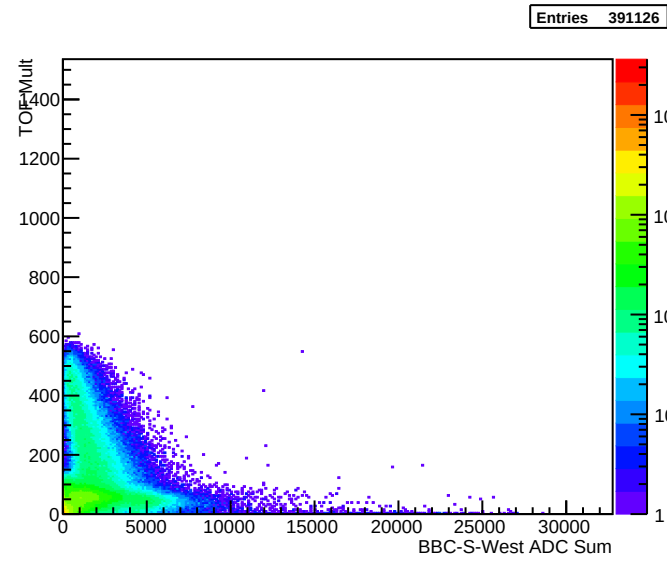

VT201 Input Ch4: VPD Tac Diff
Entries 391126
Tac

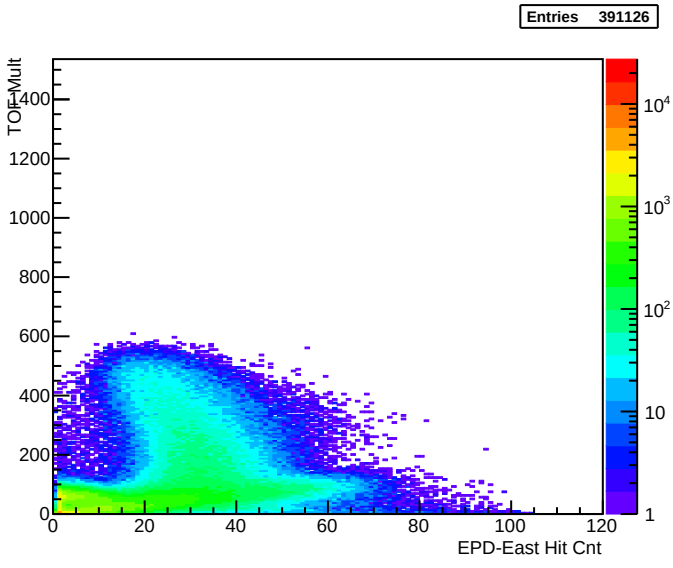

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

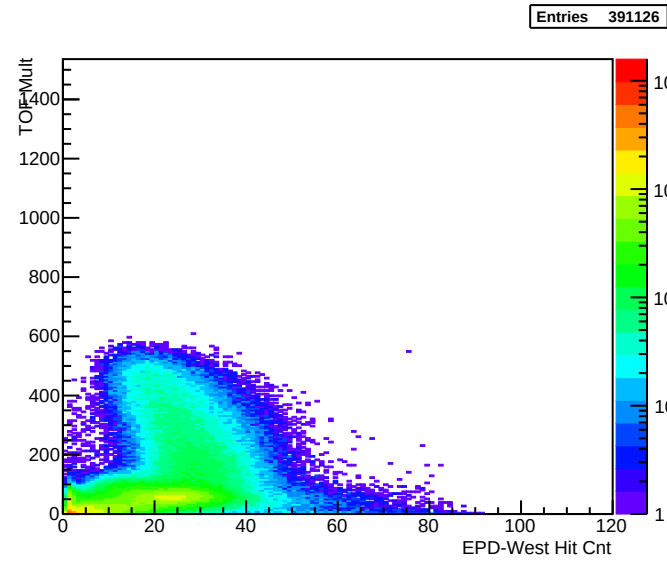

VT201 Input Ch4: VPD Adc Sum Th
Entries 782252
245527
305991
145599
85135
East
West

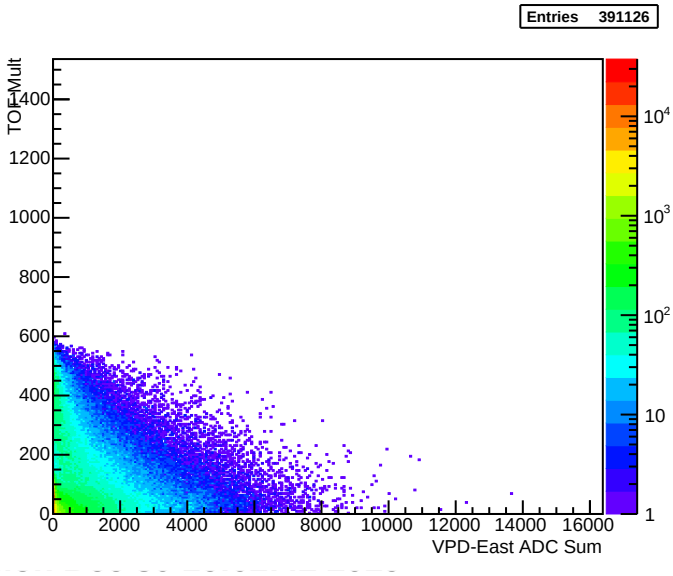

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

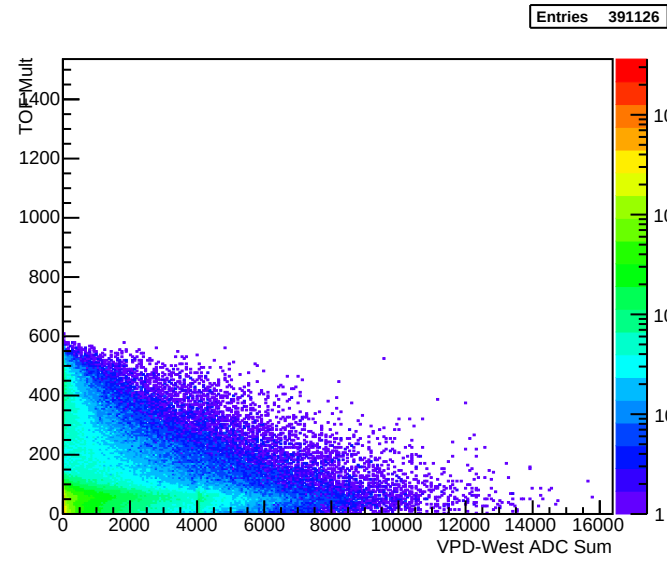

Entries 391126
TOF-Mult
BBC-S-East ADC Sum

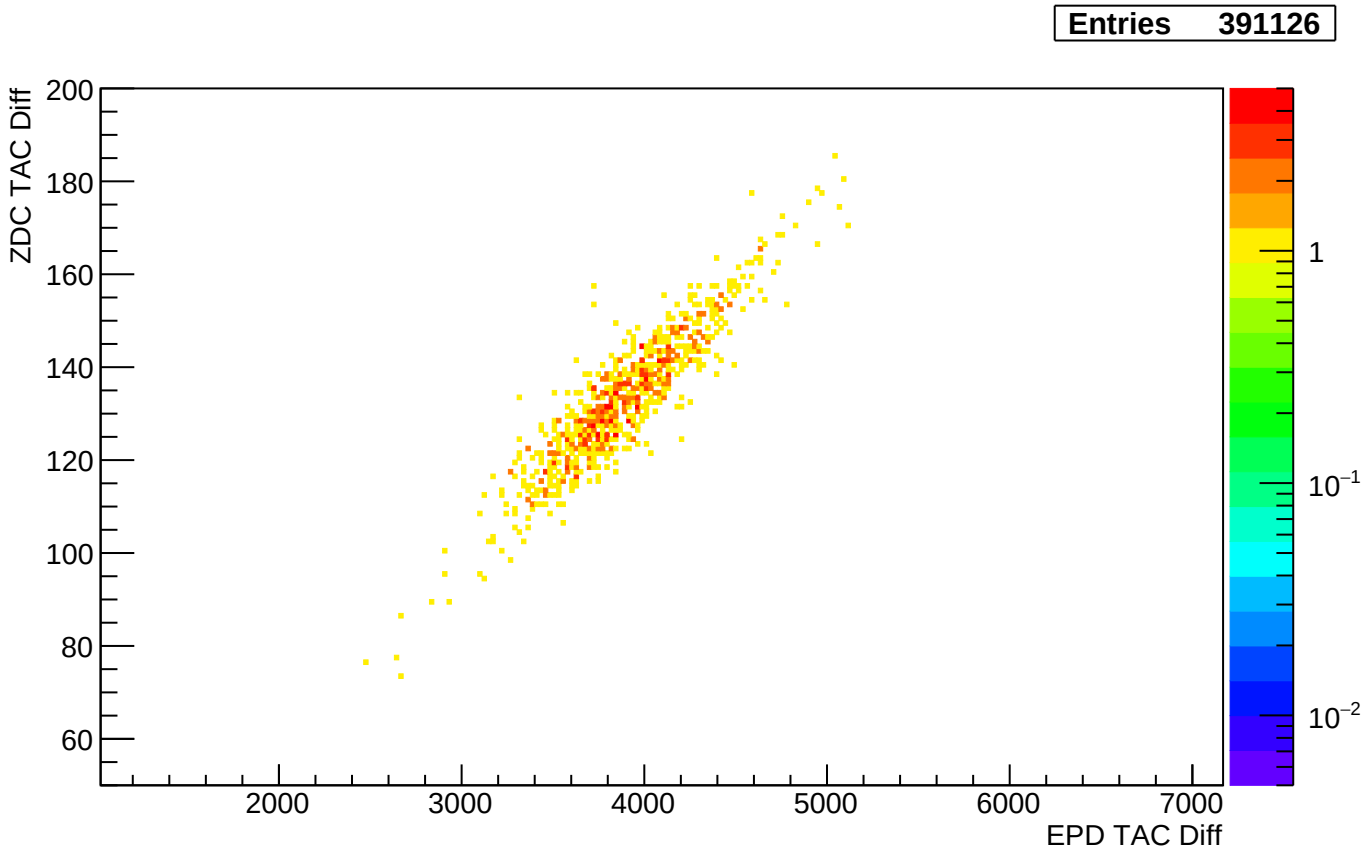

Entries 391126
TOF-Mult
BBC-S-West ADC Sum

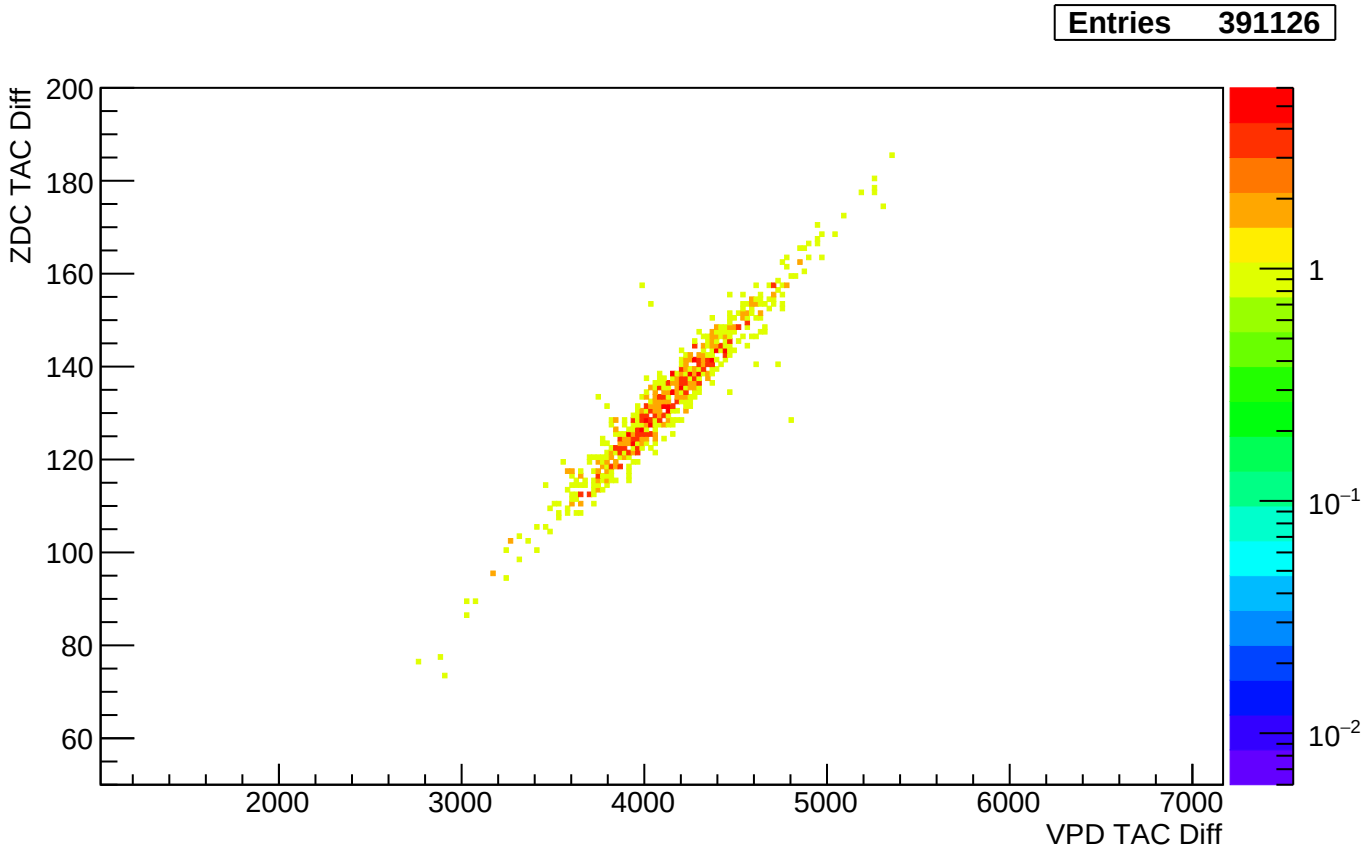

Entries 391126
TOF-Mult
EPD-East Hit Cnt

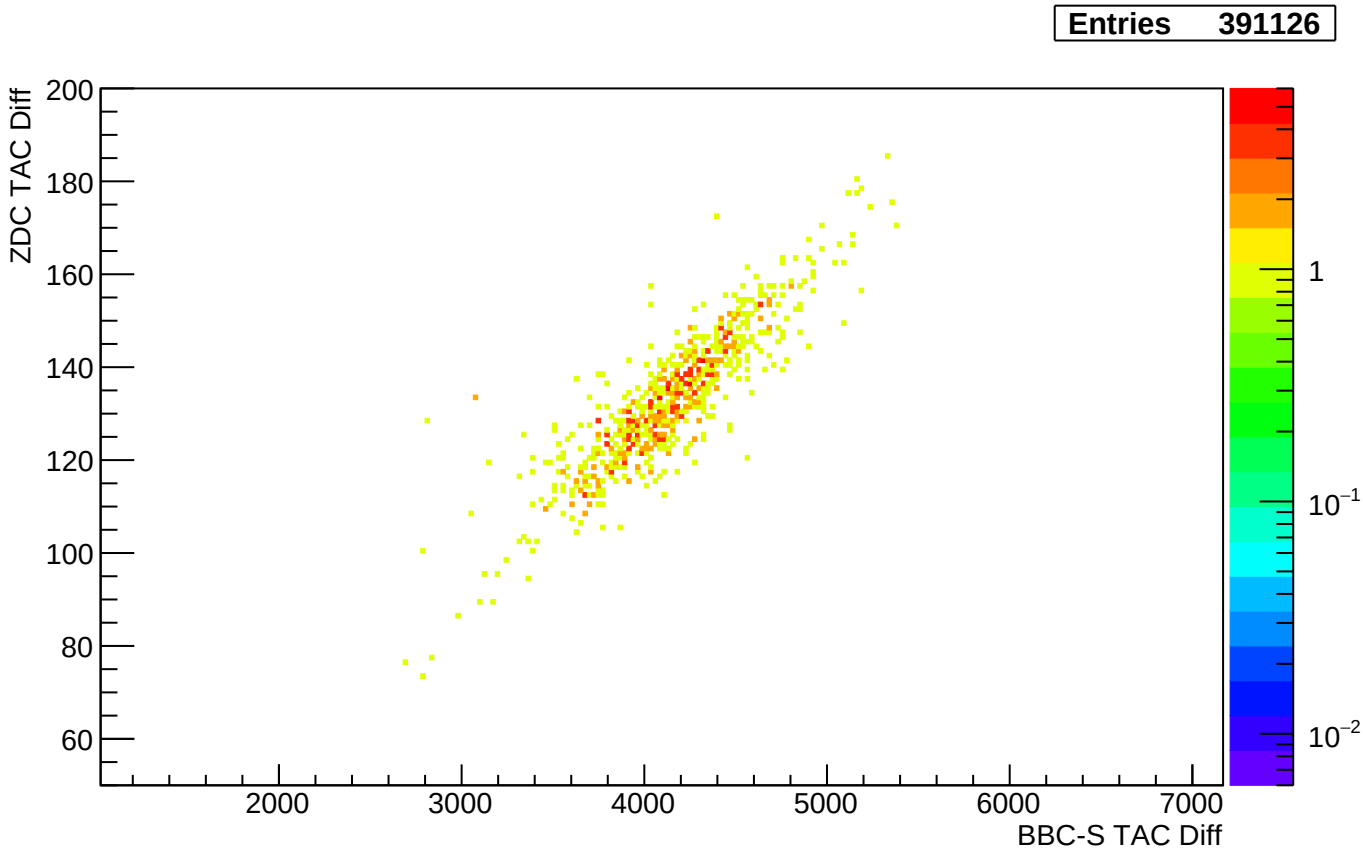

Entries 391126
TOF-Mult
EPD-West Hit Cnt

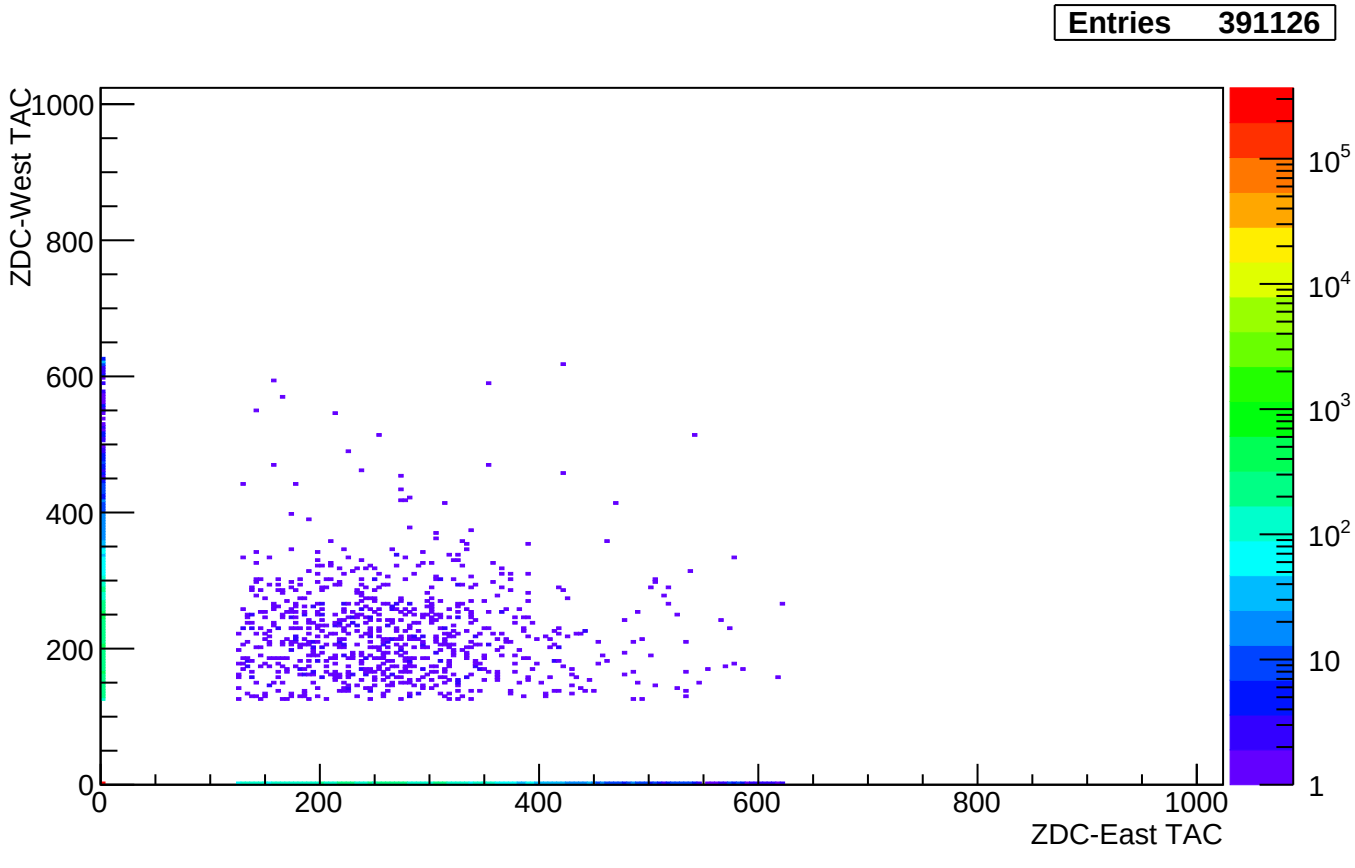

Entries 391126
TOF-Mult
VPD-East ADC Sum

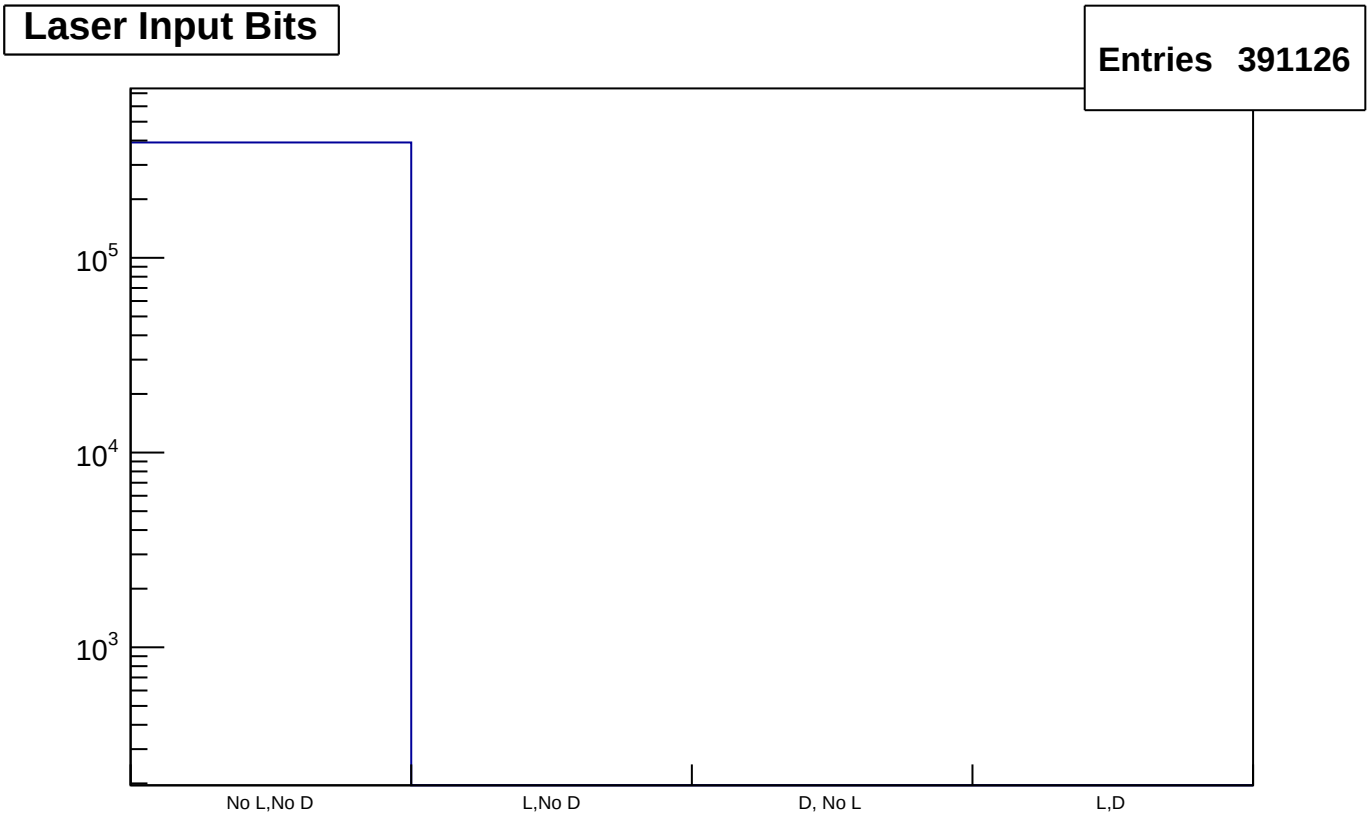

Entries 391126
TOF-Mult
VPD-West ADC Sum

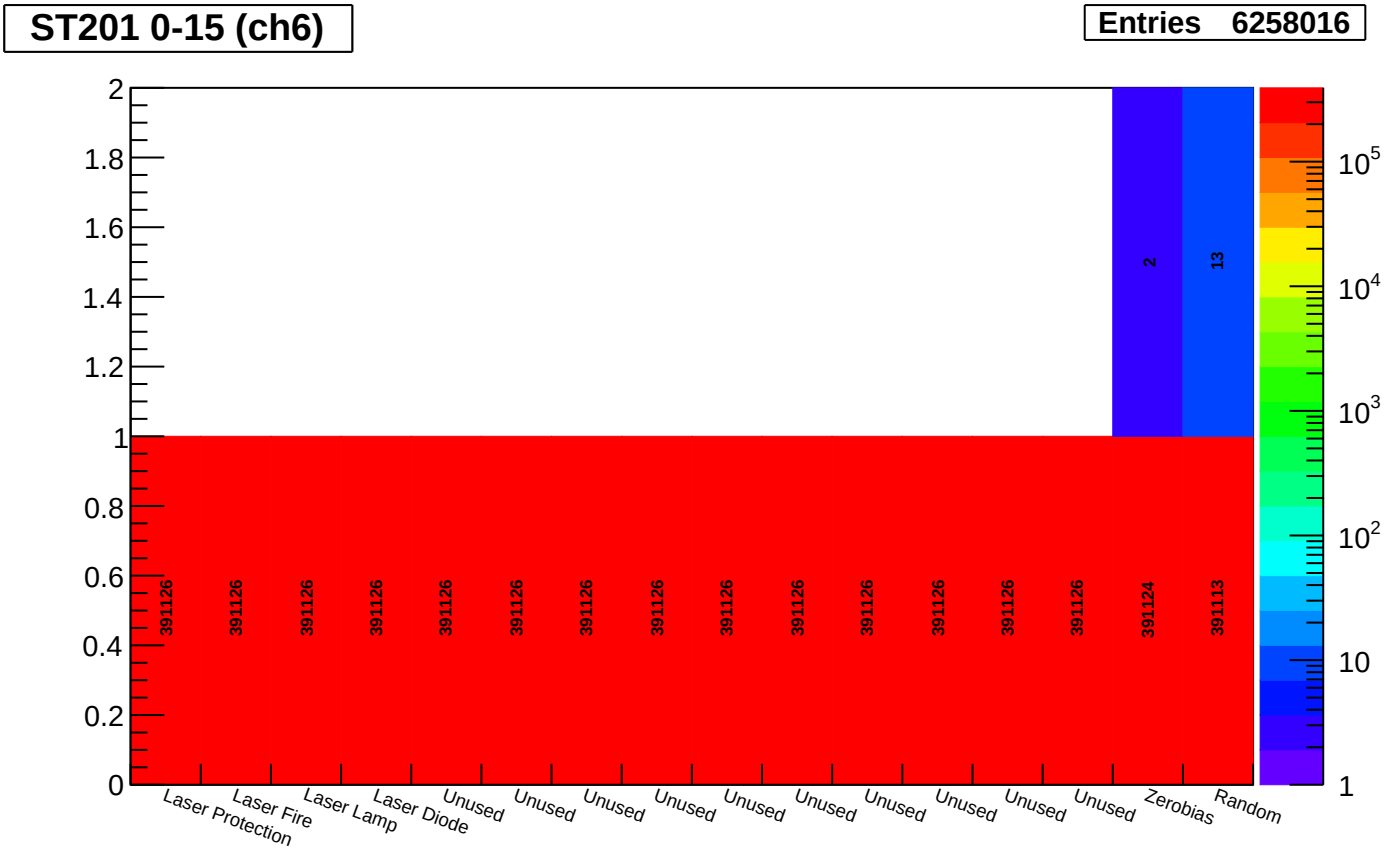

Entries 391126
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

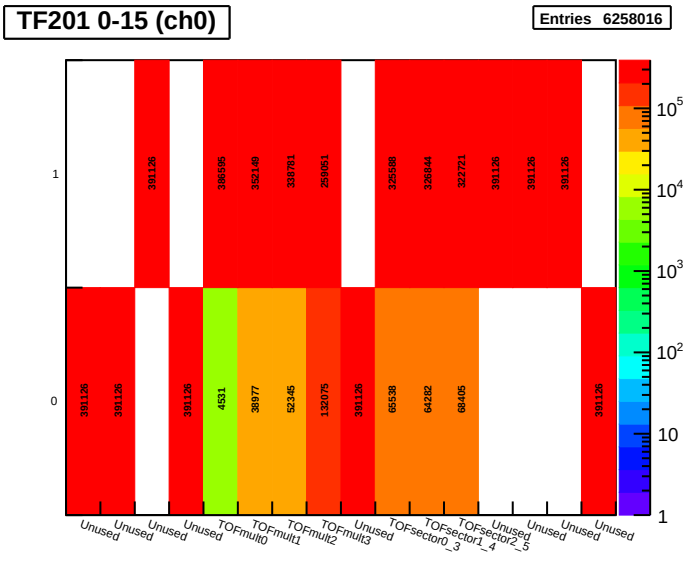

Entries 391126
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

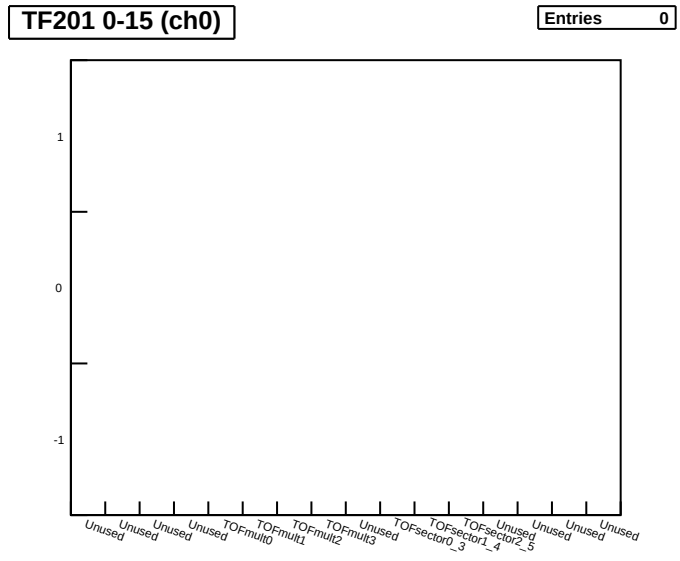

Entries 391126
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

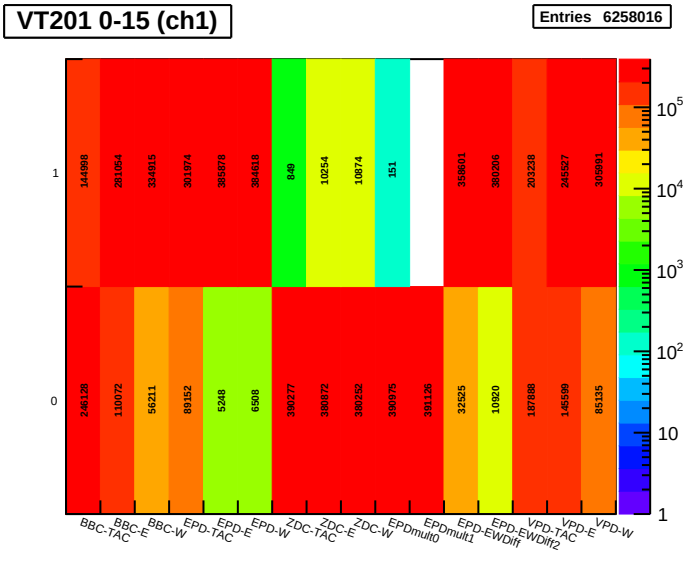

Entries 391126
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

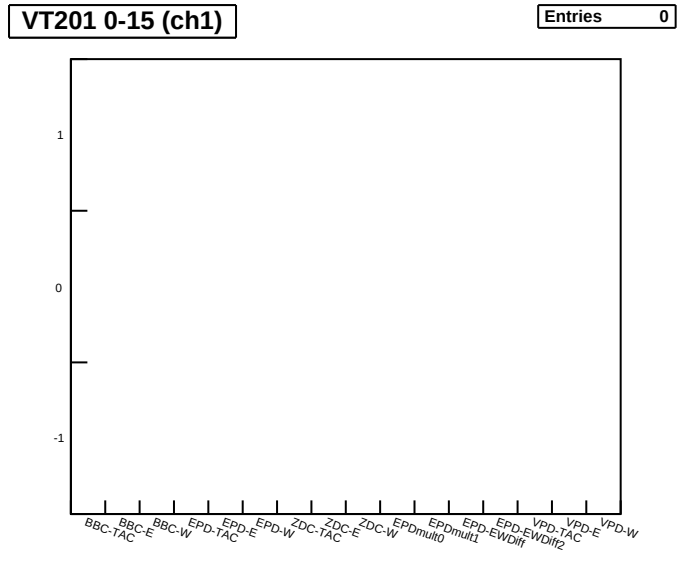

Laser Input Bits
Entries 391126
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

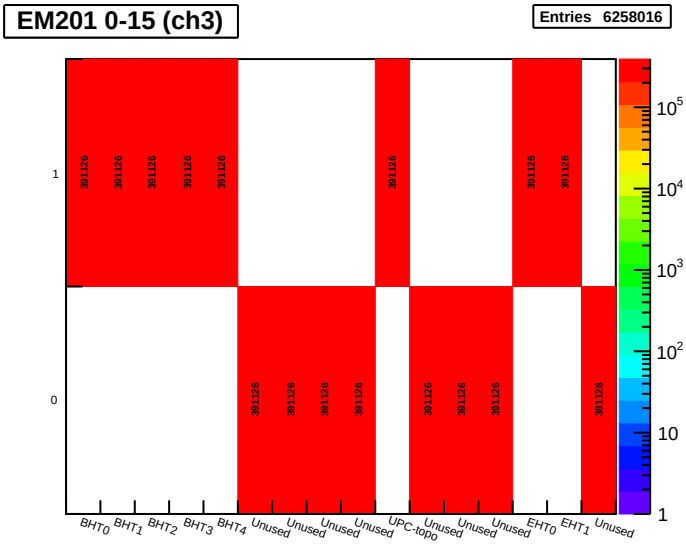

ST201 0-15 (ch6)
Entries 6258016
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
391126
391126
391126
391126
391126
391126
391126
391126
391126
391126
391126
391126
391126
391126
391124
391113
2
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

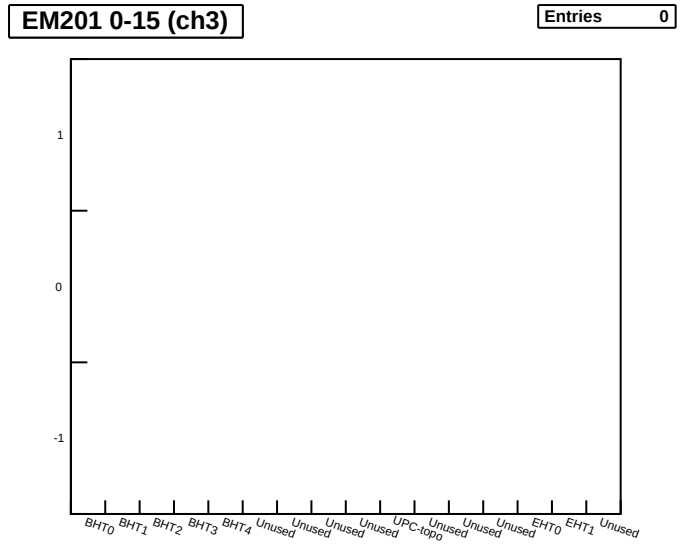

TF201 0-15 (ch0)
Entries 6258016
1
0
391126
386595
352149
338731
259051
325588
326844
322721
391126
391126
391126
391126
391126
391126
4531
38977
52345
132075
391126
65538
64282
68405
391126
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 6258016
1
0
144998
281054
334915
301974
365878
384618
849
10254
10874
151
358601
380206
203238
245527
306991
246128
110072
56211
89152
5248
6508
390277
380872
390252
390975
391126
32525
10920
167888
145599
85135
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 6258016
1
0
391126
391126
391126
391126
391126
391126
391126
391126
391126
391126
391126
391126
391126
391126
391126
391126
391126
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