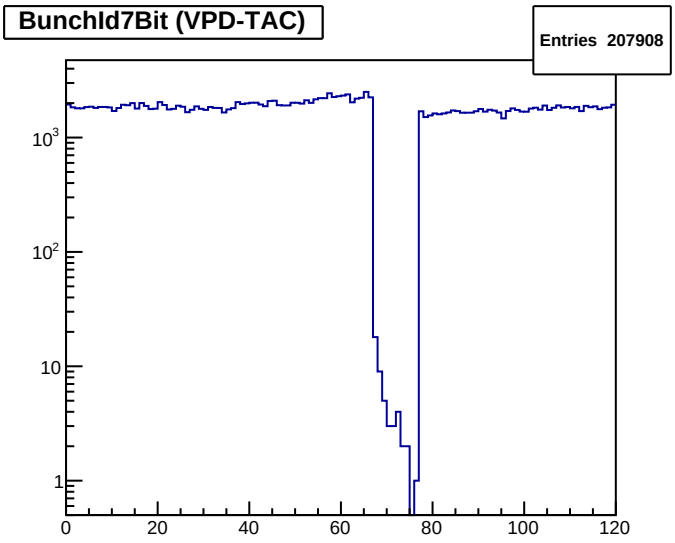
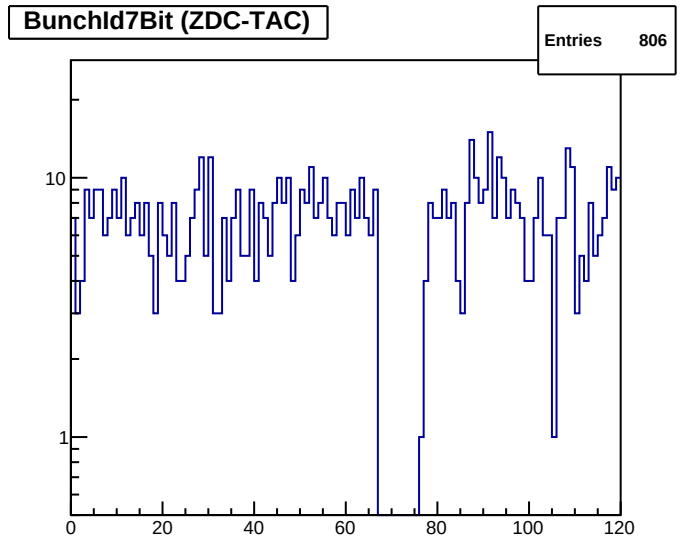
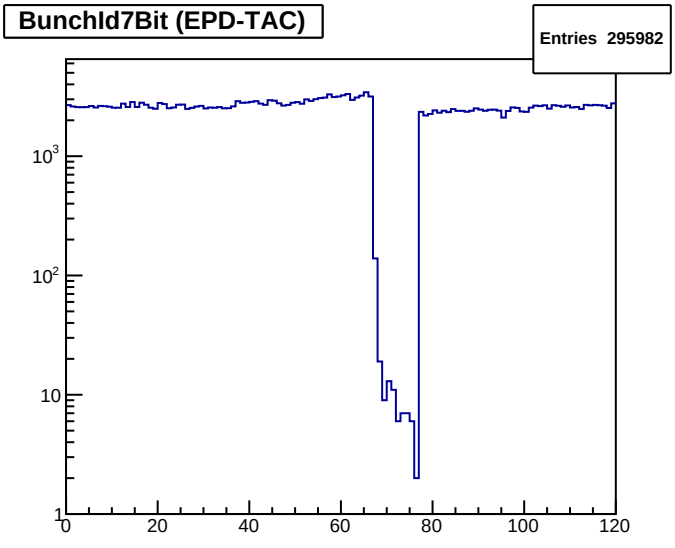
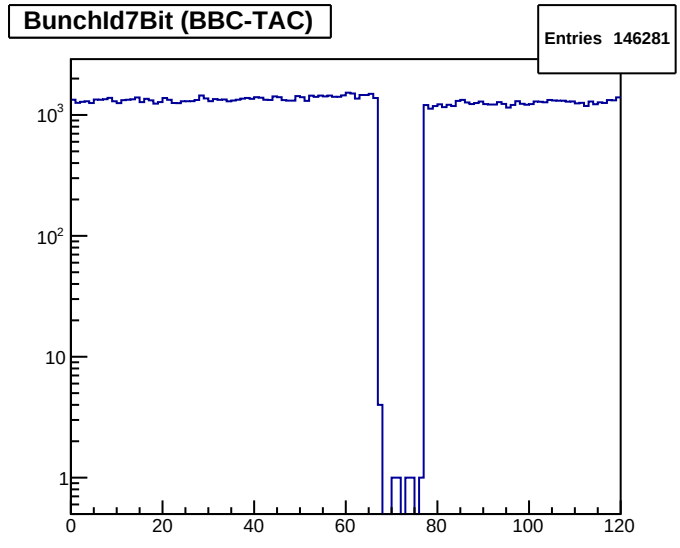
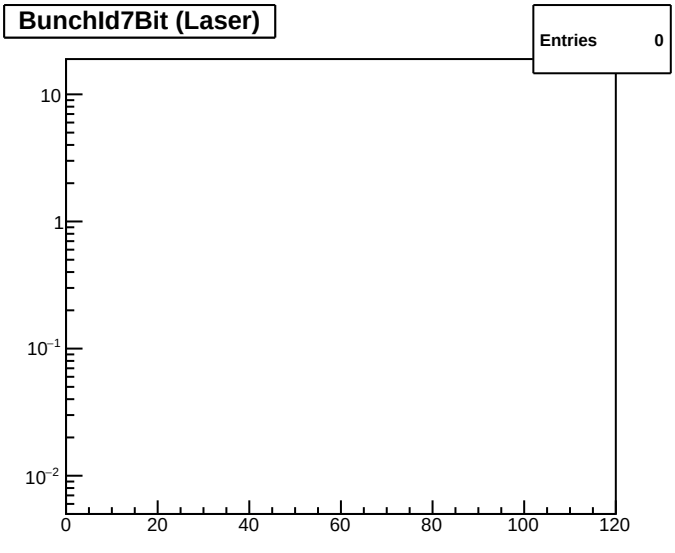
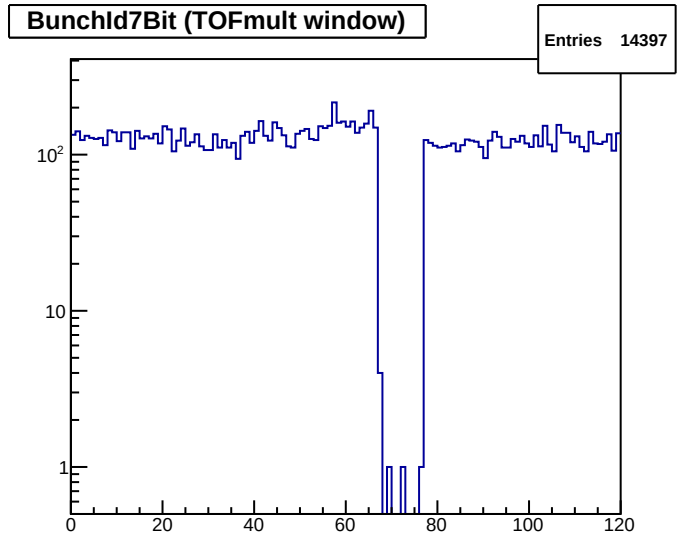

BunchId7Bit (VPD-TAC)
Entries 207908

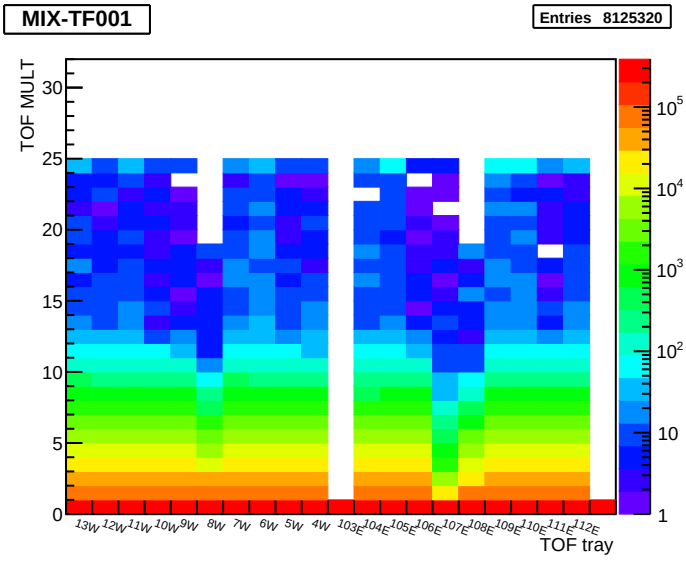

BunchId7Bit (ZDC-TAC)
Entries 806

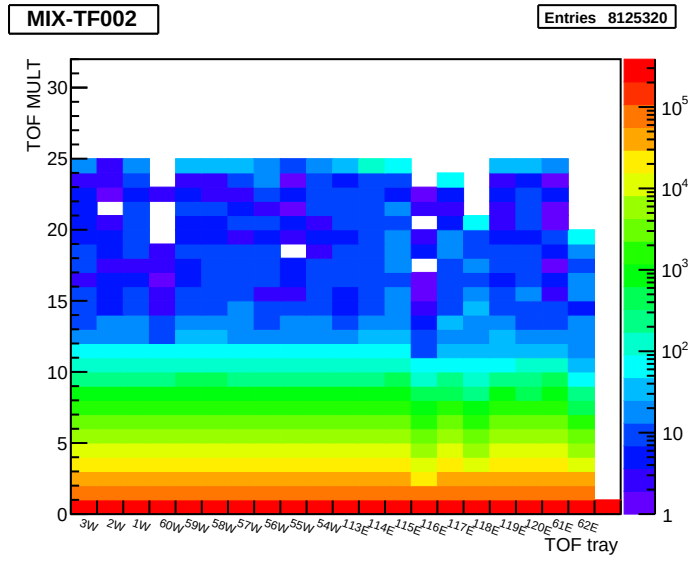

BunchId7Bit (EPD-TAC)
Entries 295982

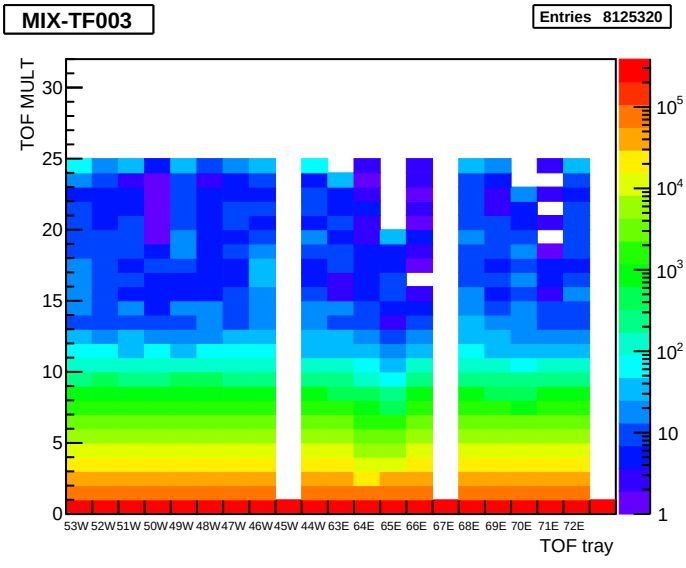

BunchId7Bit (BBC-TAC)
Entries 146281

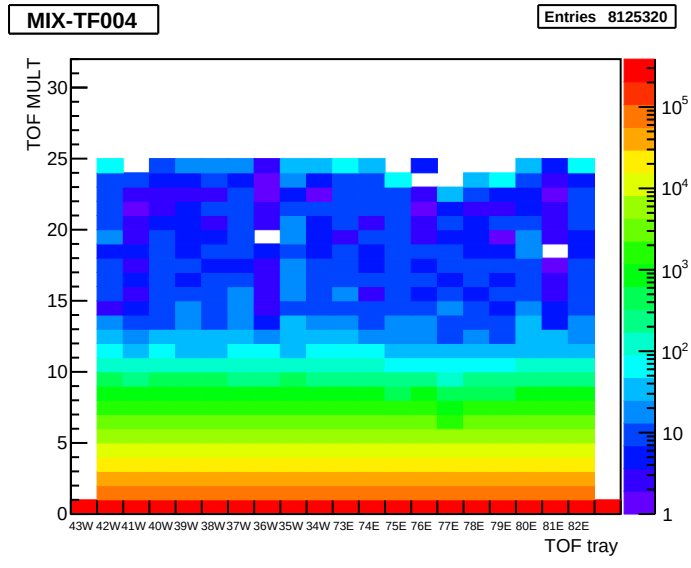

BunchId7Bit (Laser)
Entries 0

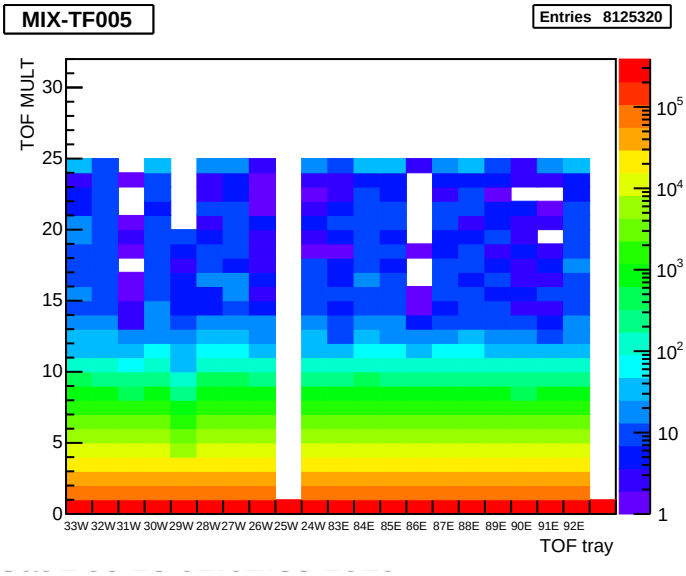

BunchId7Bit (TOFmult window)
Entries 14397

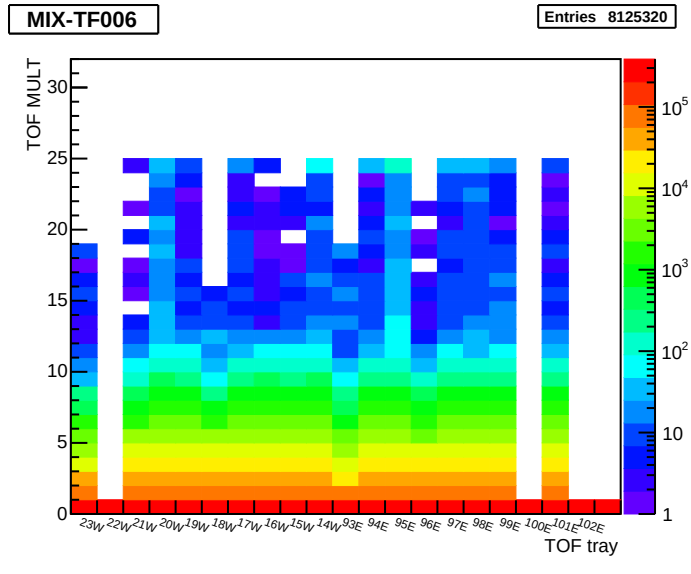

MIX-TF001
Entries 8125320
TOF MULT
TOF tray

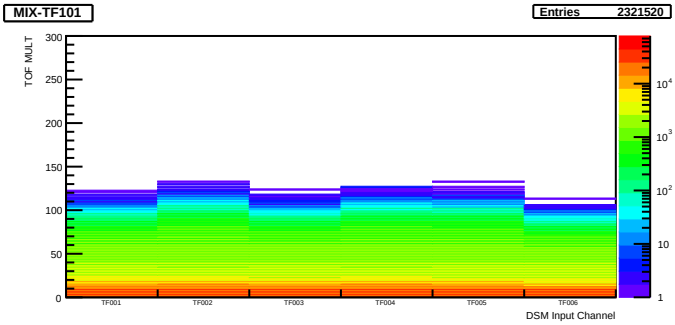

MIX-TF002
Entries 8125320
TOF MULT
TOF tray

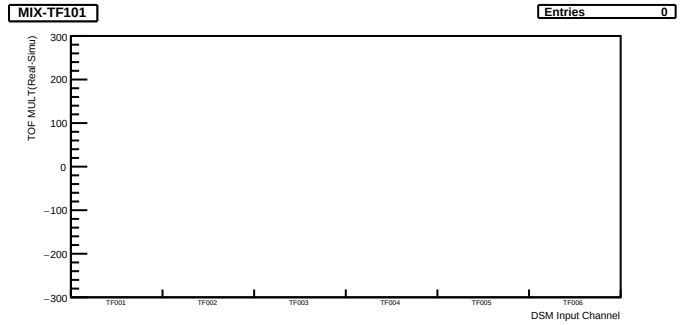

MIX-TF003
Entries 8125320
TOF MULT
TOF tray

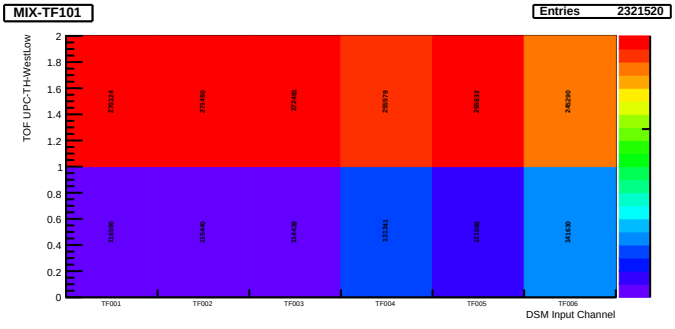

MIX-TF004
Entries 8125320
TOF MULT
TOF tray

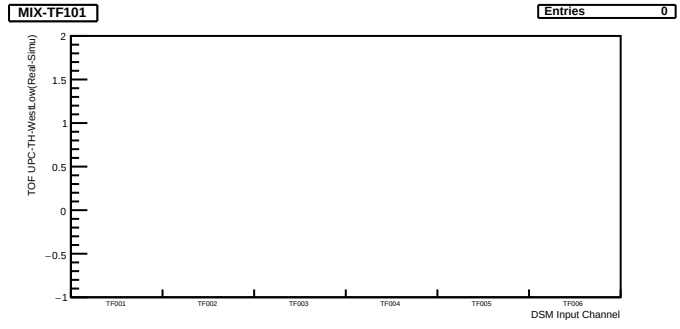

MIX-TF005
Entries 8125320
TOF MULT
TOF tray

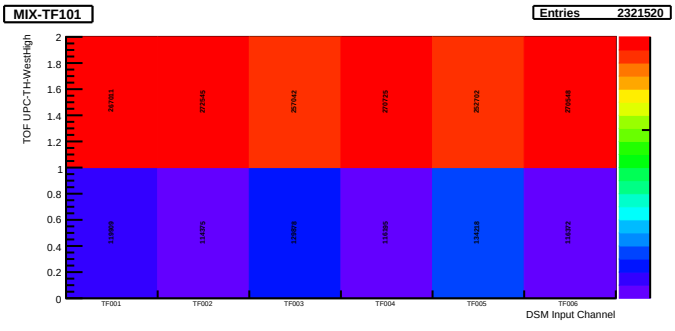

MIX-TF006
Entries 8125320
TOF MULT
TOF tray

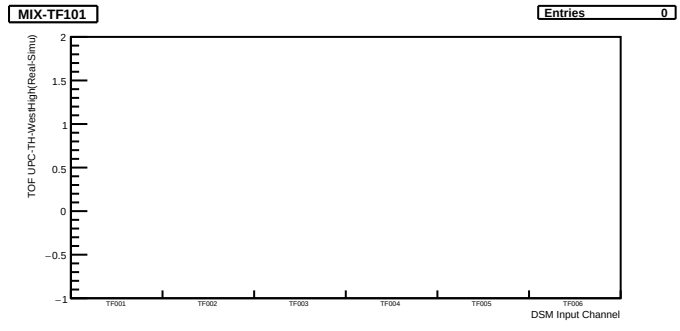

MIX-TF101
Entries 2321520
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

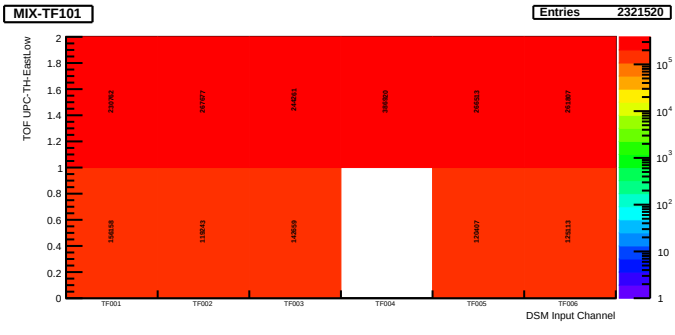

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

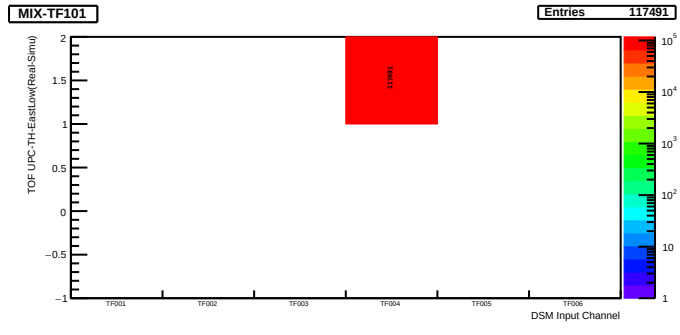

MIX-TF101
Entries 2321520
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

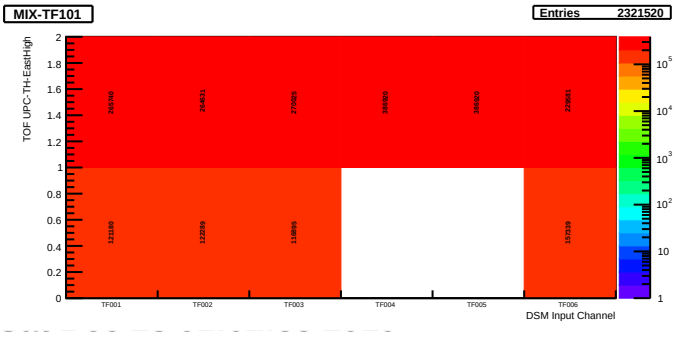

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

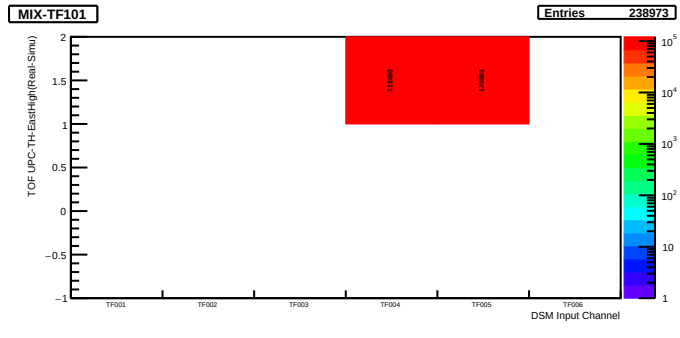

MIX-TF101
Entries 2321520
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

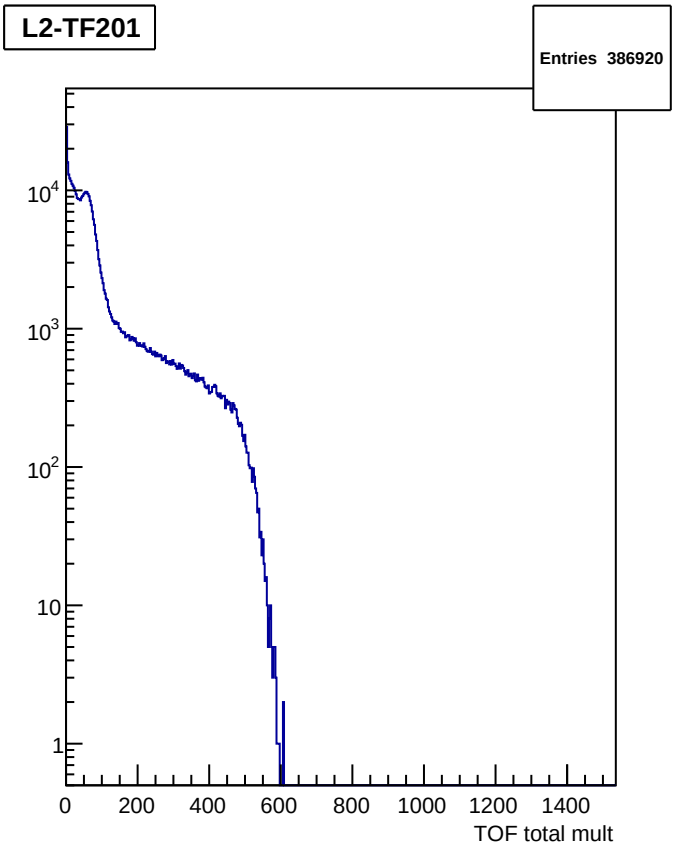

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

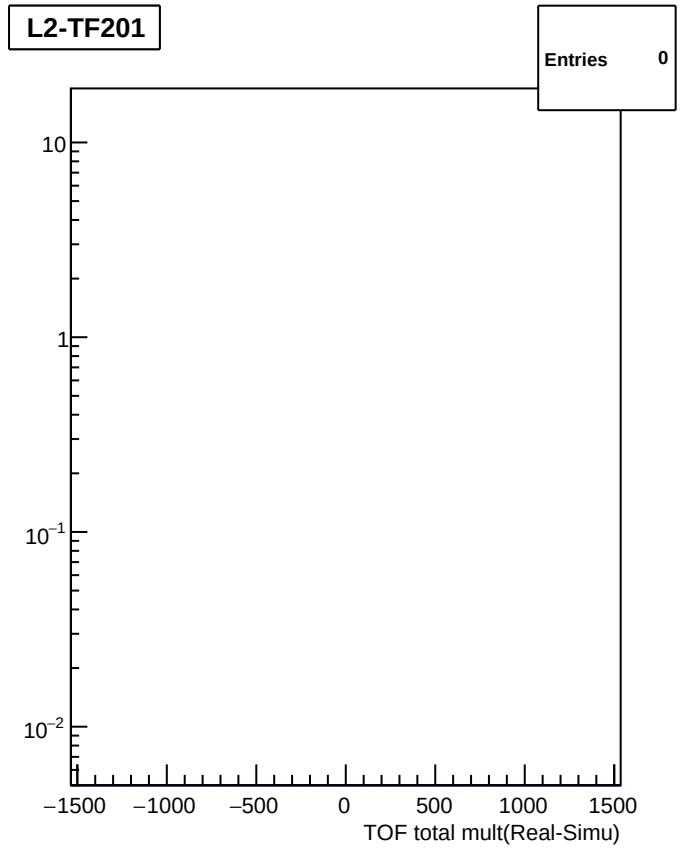

MIX-TF101
Entries 2321520
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

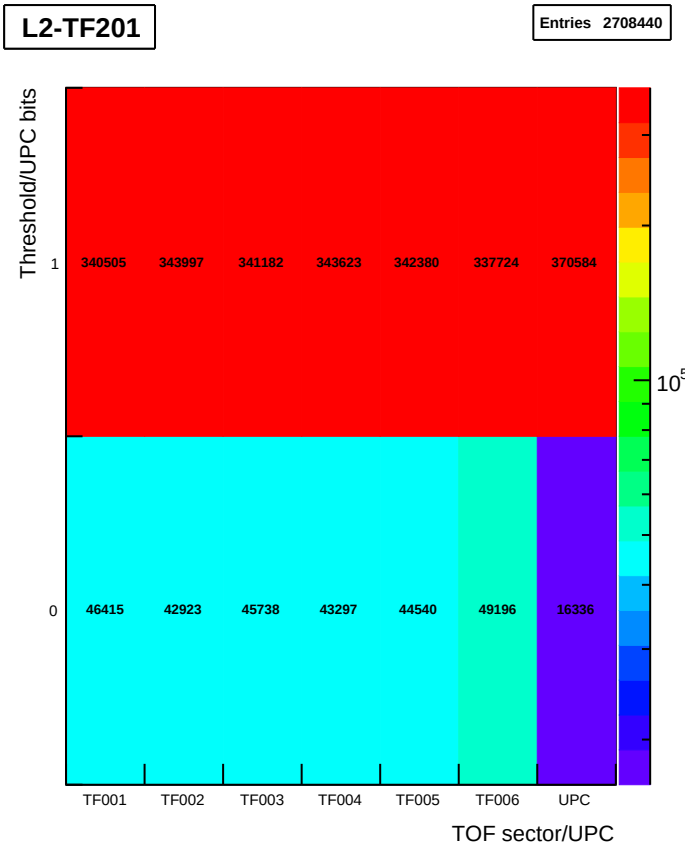

MIX-TF101
Entries 117491
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

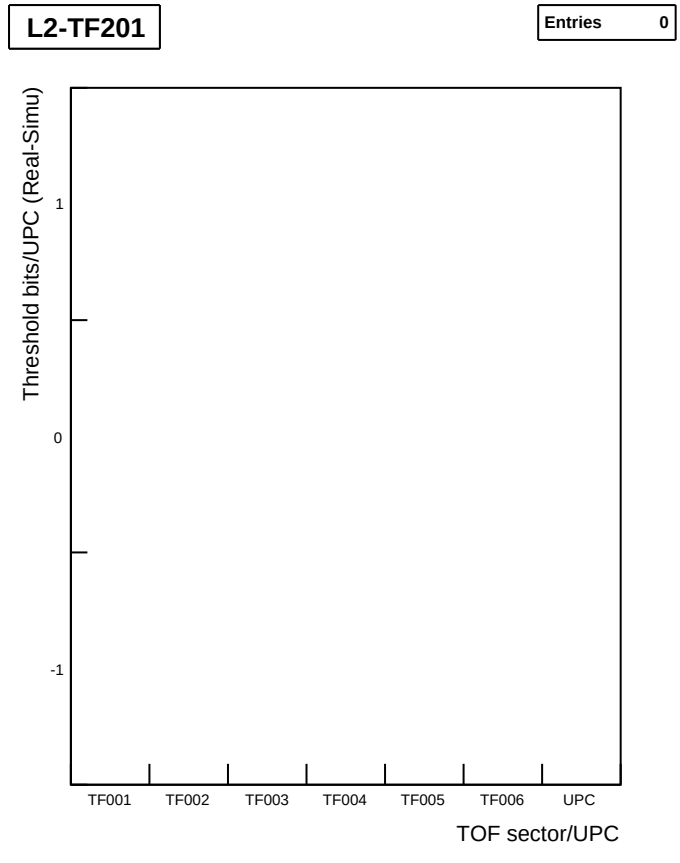

MIX-TF101
Entries 2321520
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

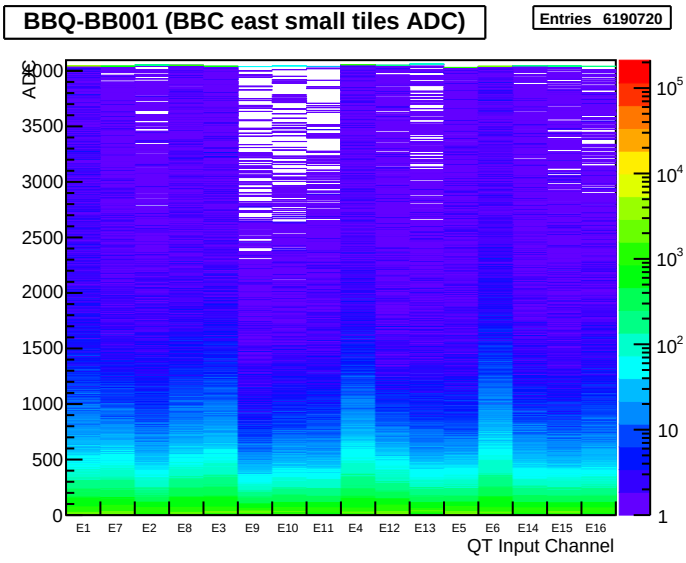

MIX-TF101
Entries 238973
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

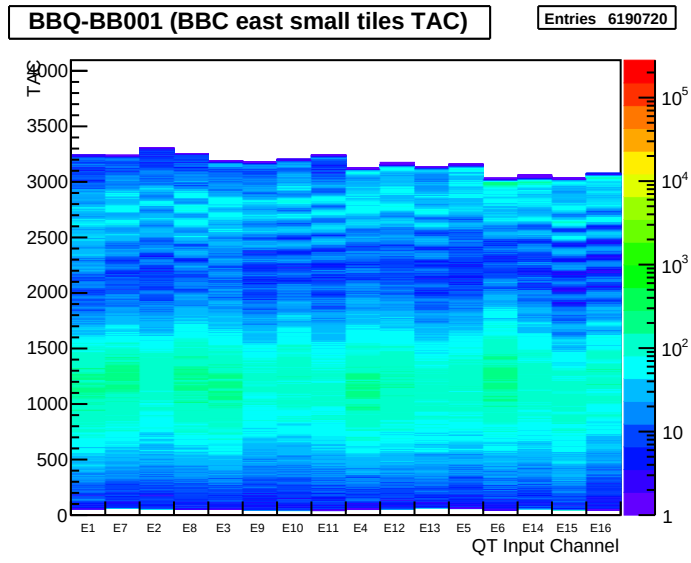

L2-TF201
Entries 386920
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

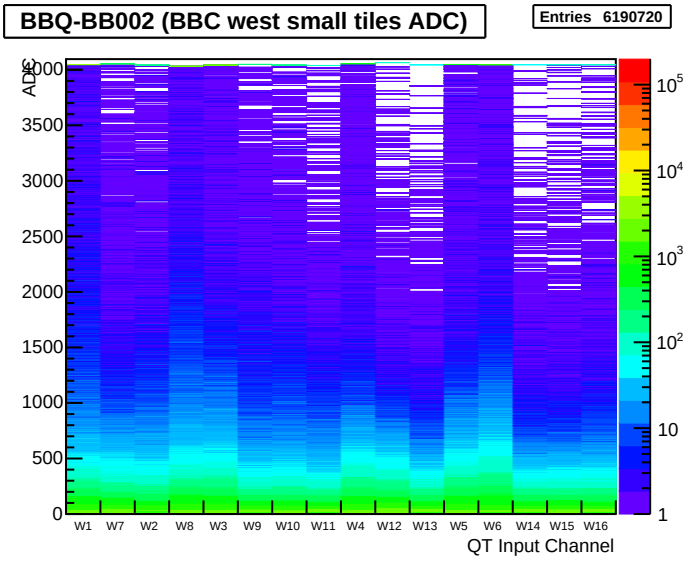

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

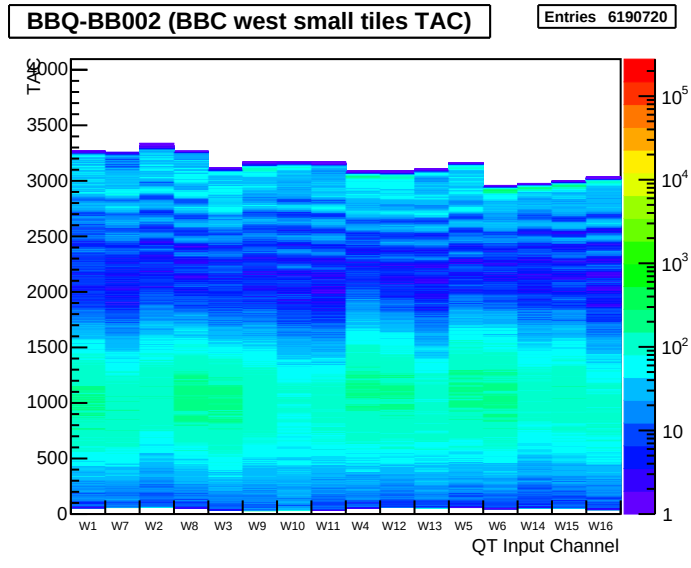

L2-TF201
Entries 2708440
Threshold/UPC bits
1
0
340505
343997
341182
343623
342380
337724
370584
46415
42923
45738
43297
44540
49196
16336
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

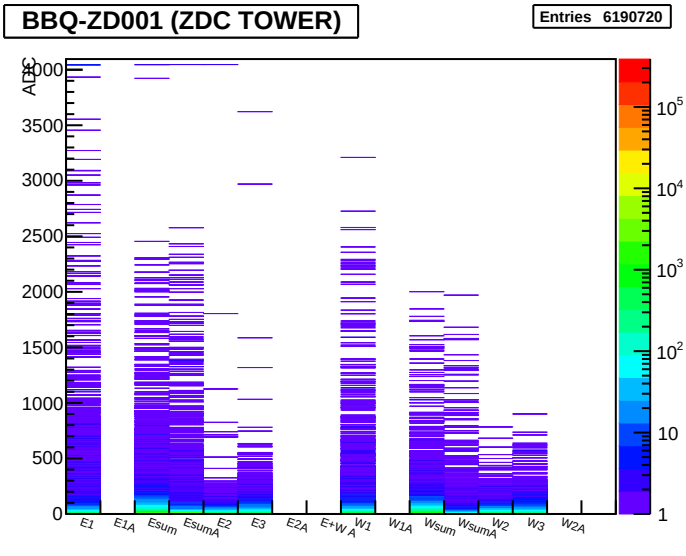

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

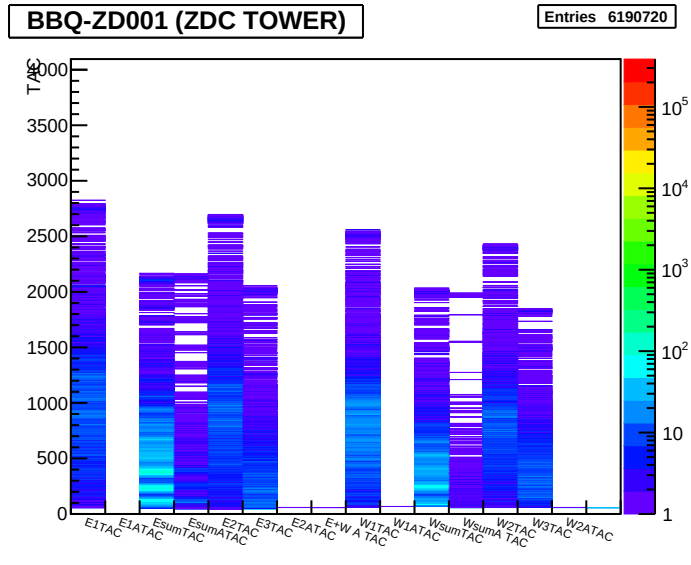

BBQ-BB001 (BBC east small tiles ADC)
Entries 6190720
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

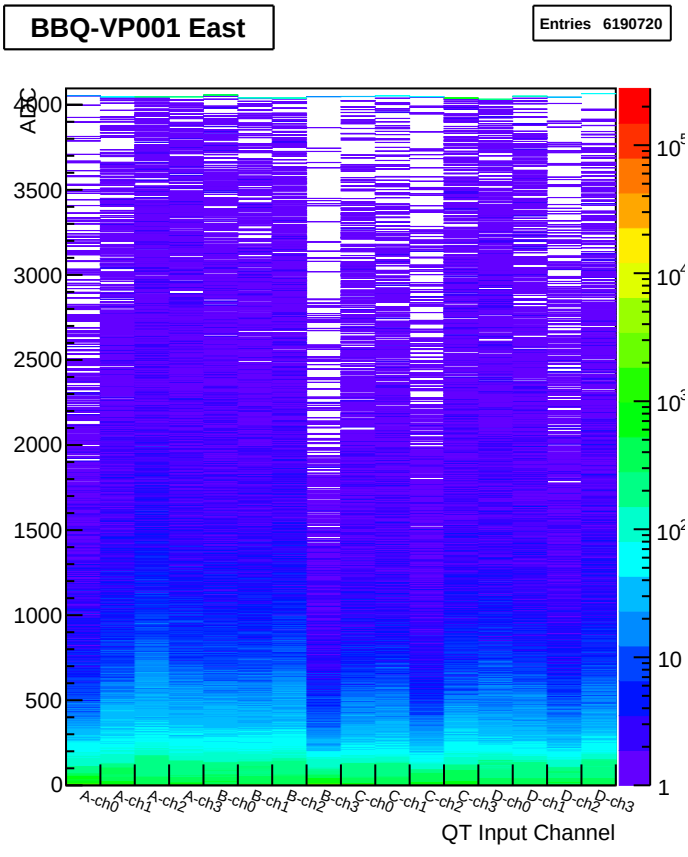

BBQ-BB001 (BBC east small tiles TAC)
Entries 6190720
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

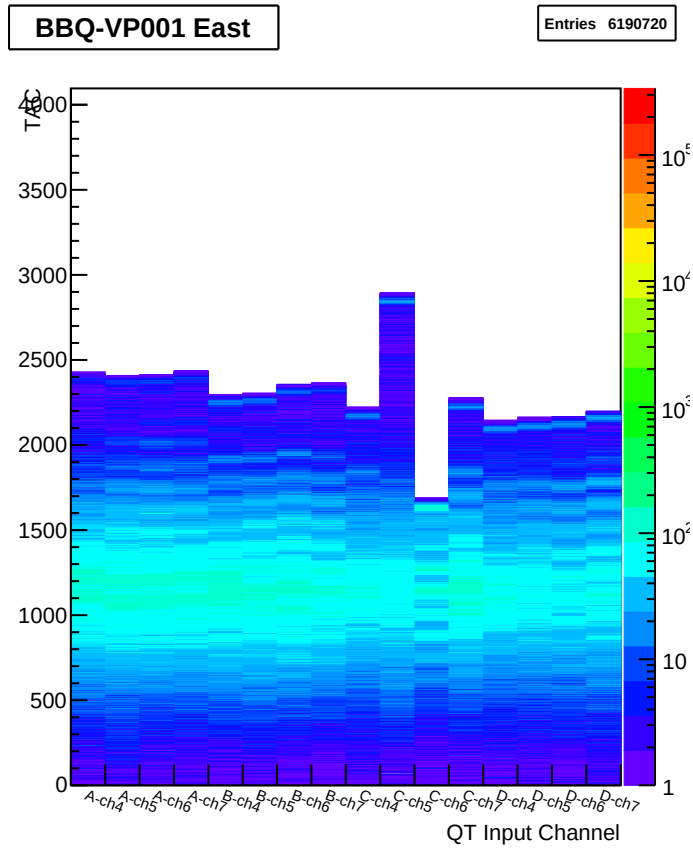

BBQ-BB002 (BBC west small tiles ADC)
Entries 6190720
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

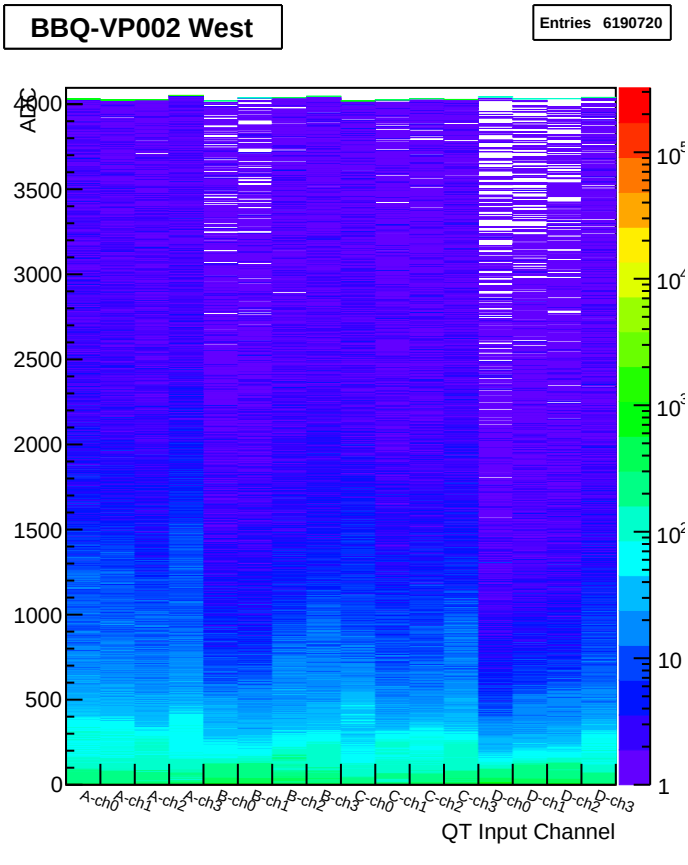

BBQ-BB002 (BBC west small tiles TAC)
Entries 6190720
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

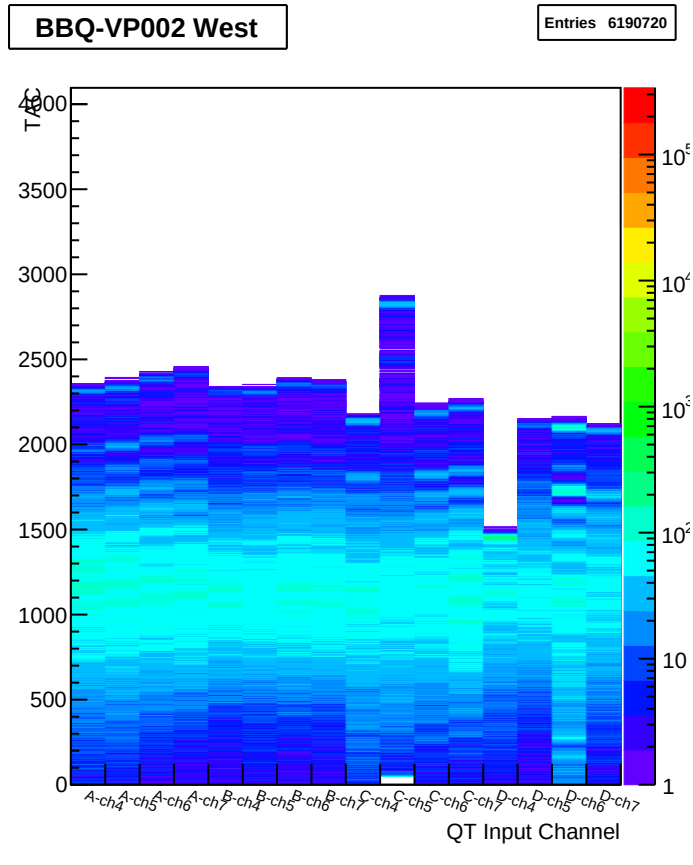

BBQ-ZD001 (ZDC TOWER)
Entries 6190720
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

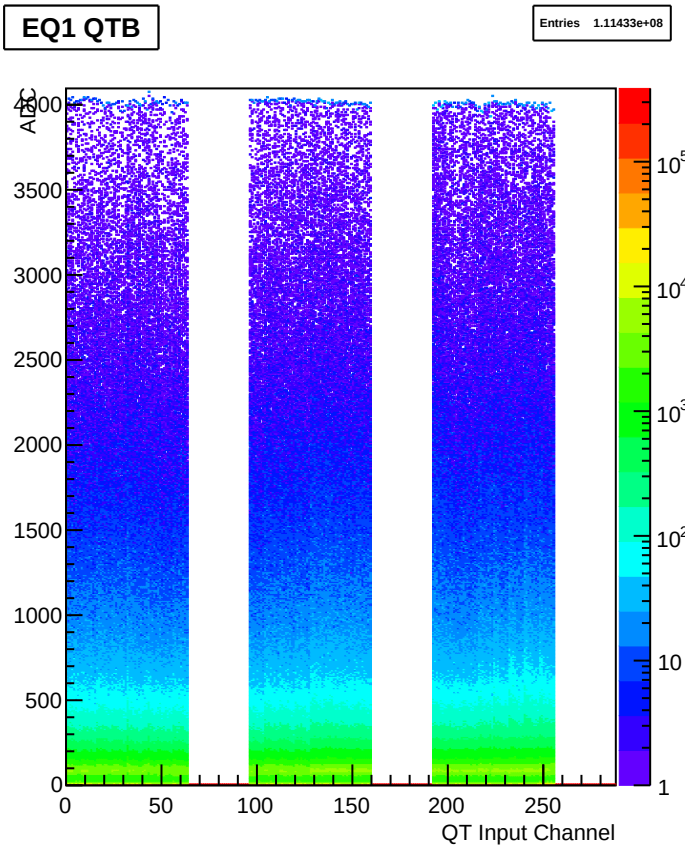

BBQ-ZD001 (ZDC TOWER)
Entries 6190720
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

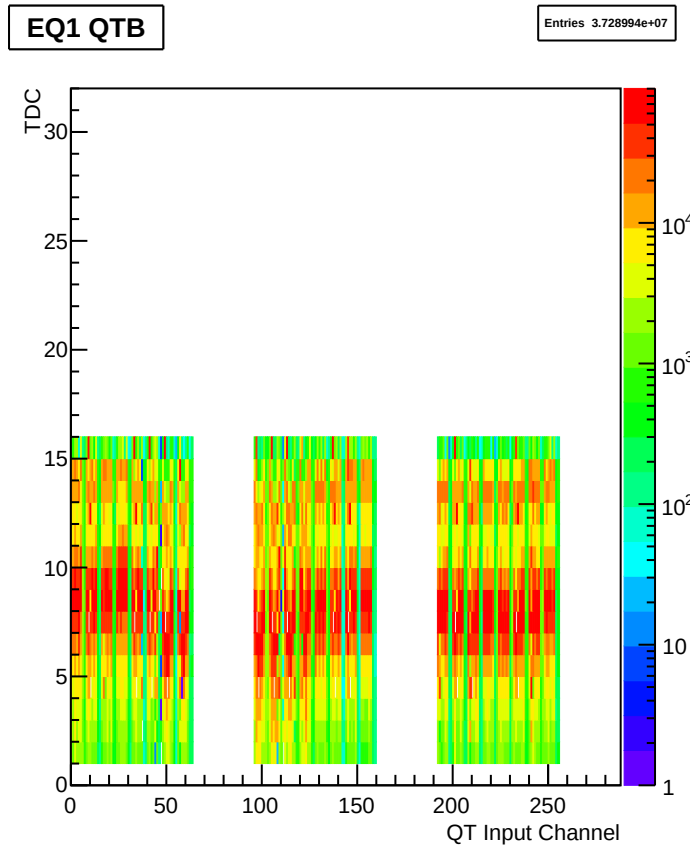

BBQ-VP001 East
Entries 6190720
ADC
QT Input Channel

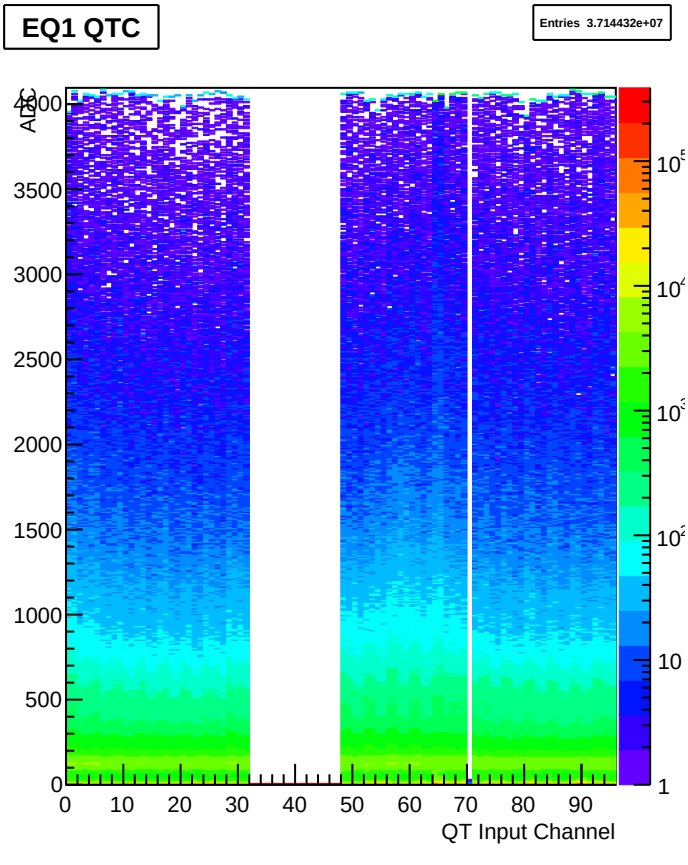

BBQ-VP001 East
Entries 6190720
ADC
QT Input Channel

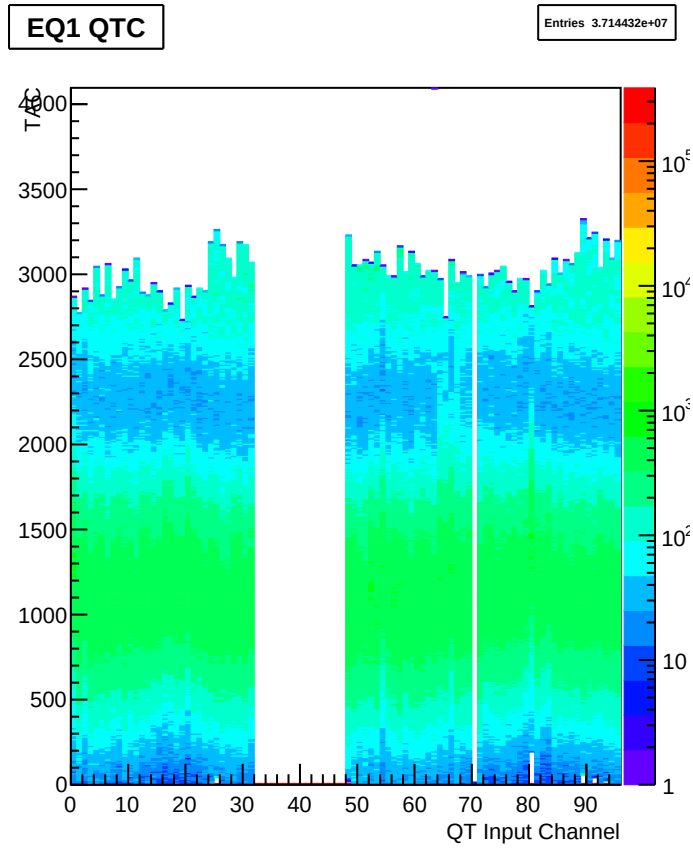

BBQ-VP002 West
Entries 6190720
ADC
QT Input Channel

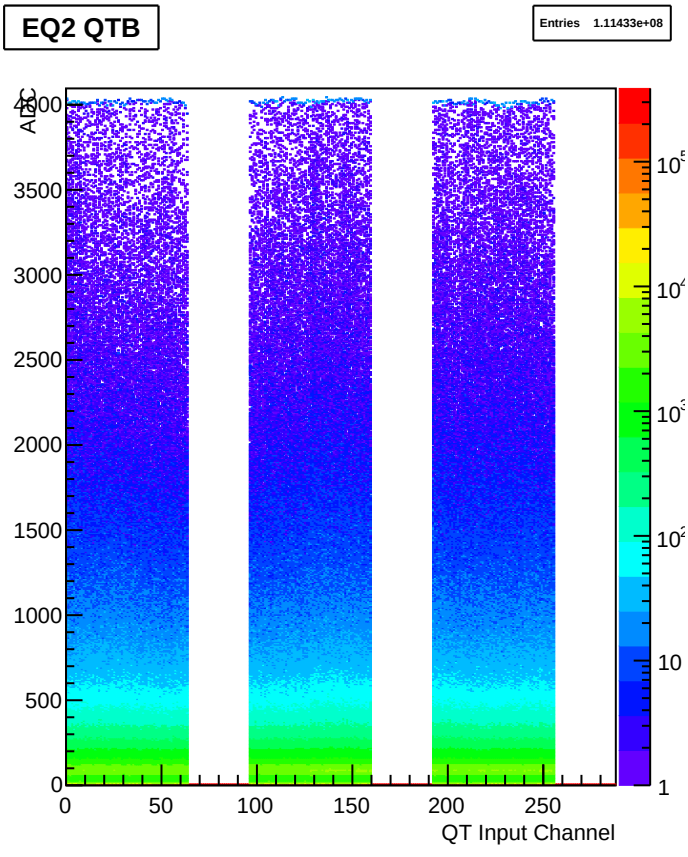

BBQ-VP002 West
Entries 6190720
ADC
QT Input Channel

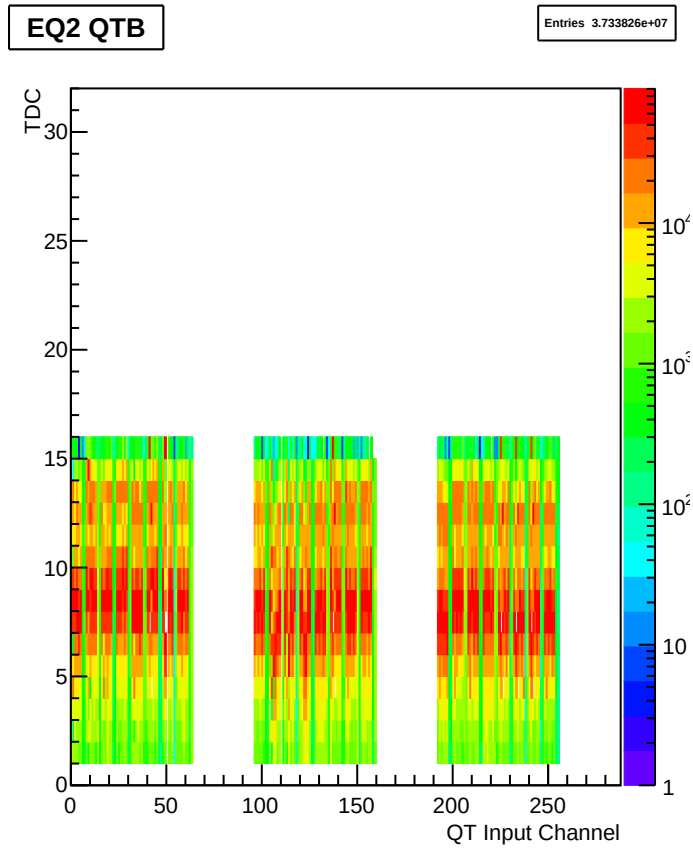

EQ1 QTB
Entries 1.11433e+08
ADC
QT Input Channel

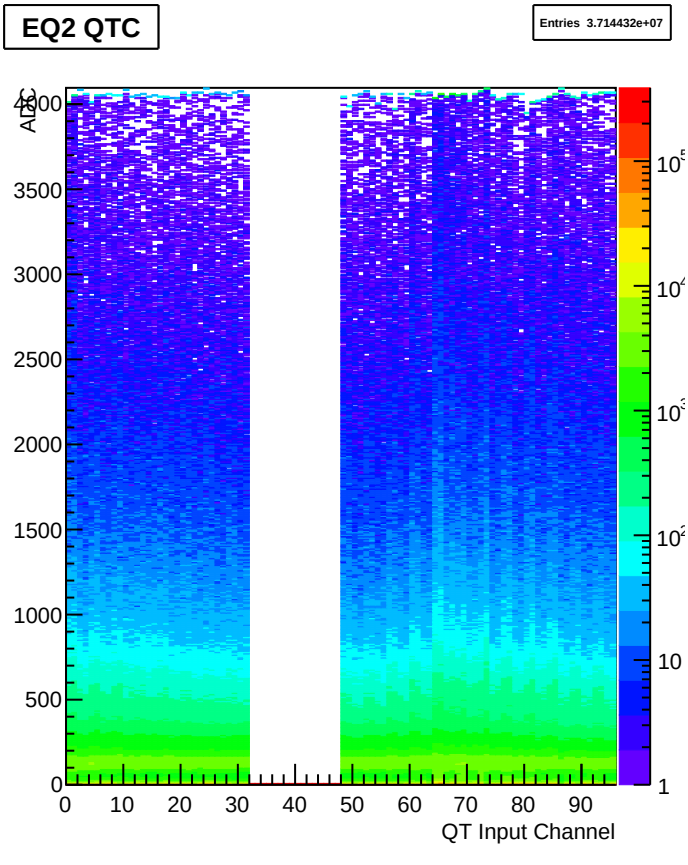

EQ1 QTB
Entries 3.728994e+07
TDC
QT Input Channel

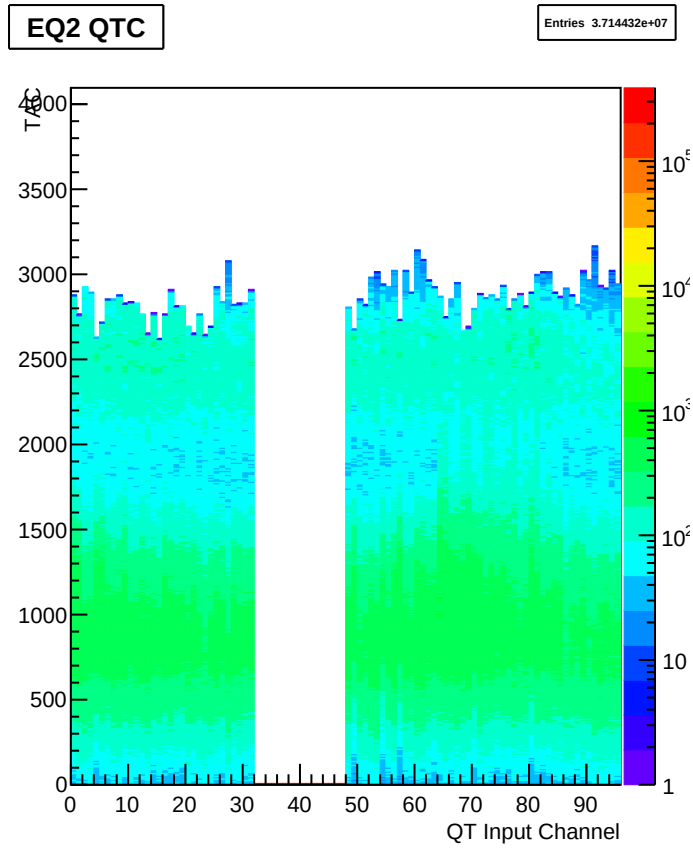

EQ1 QTC
Entries 3.714432e+07
ADC
QT Input Channel

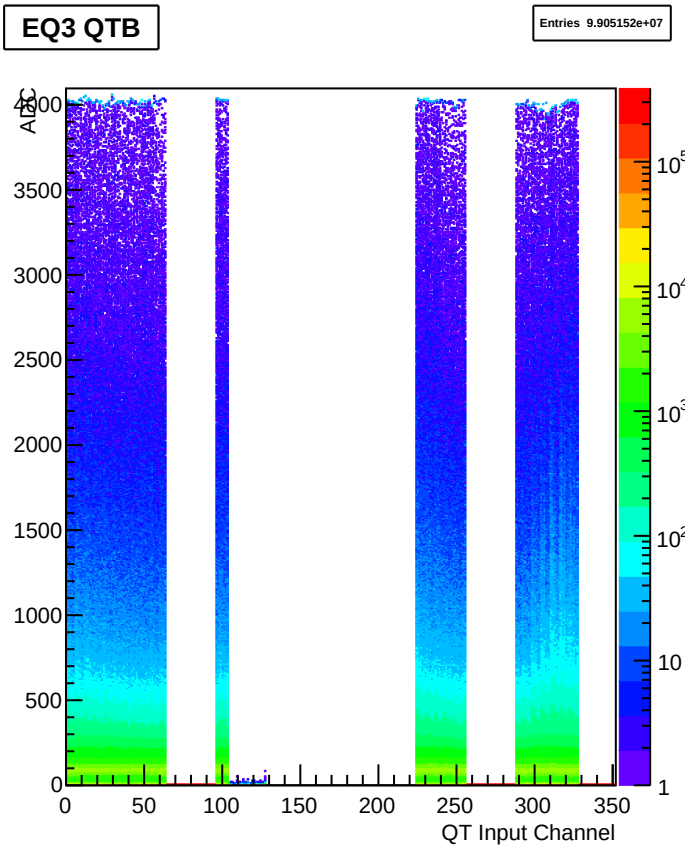

EQ1 QTC
Entries 3.714432e+07
TADC
QT Input Channel

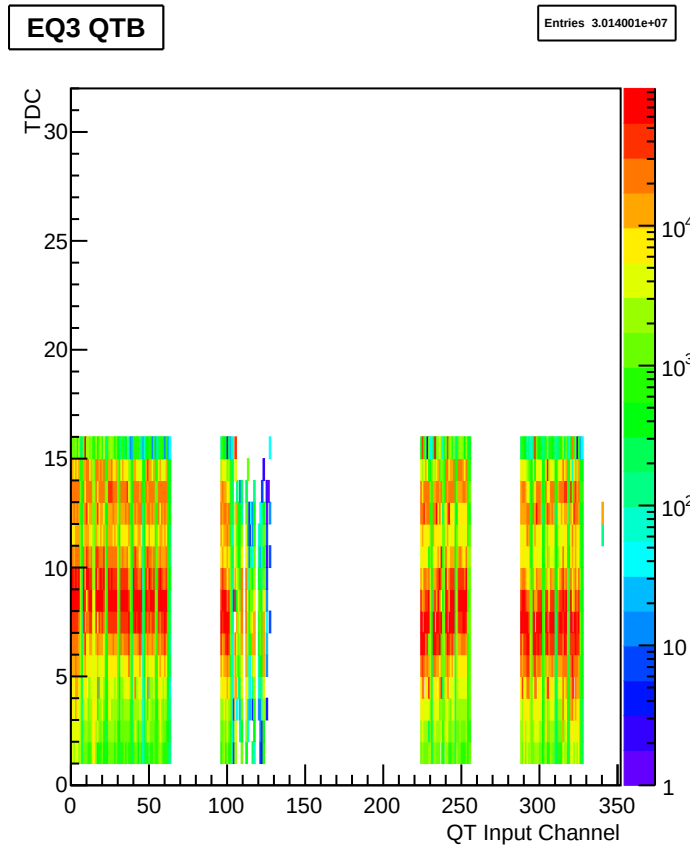

EQ2 QTB
Entries 1.11433e+08
ADC
QT Input Channel

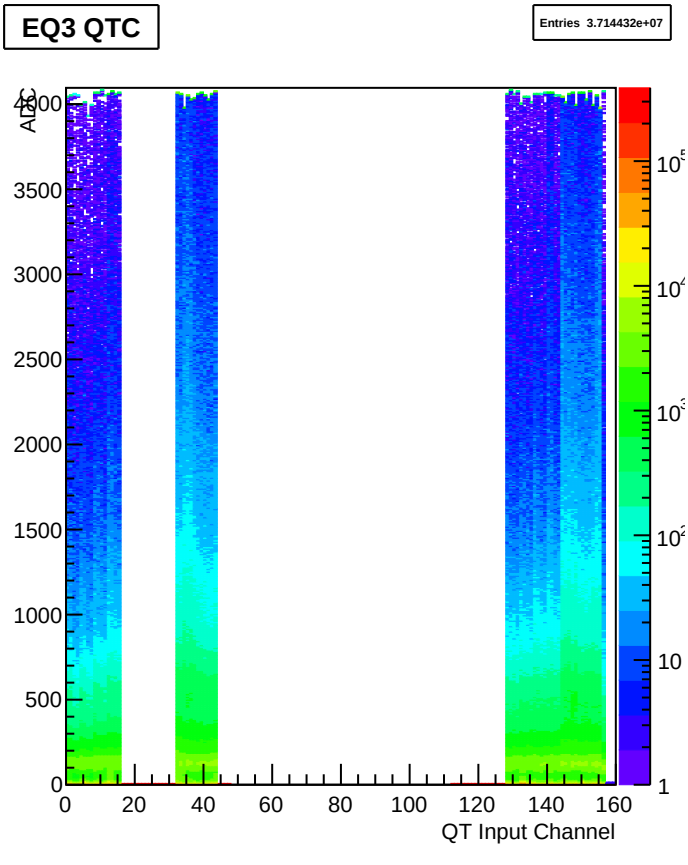

EQ2 QTB
Entries 3.733826e+07
TDC
QT Input Channel

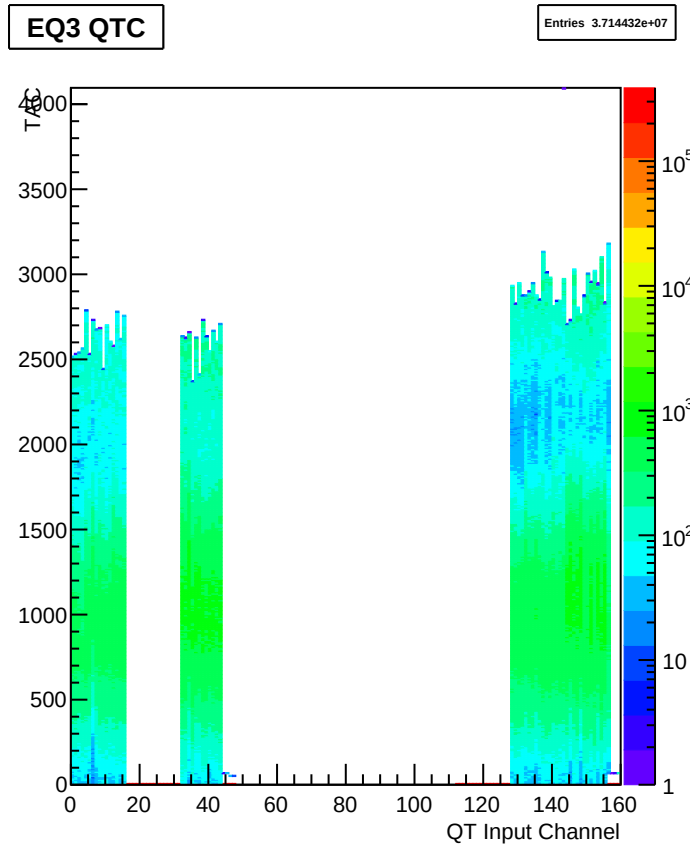

EQ2 QTC
Entries 3.714432e+07
ADC
QT Input Channel

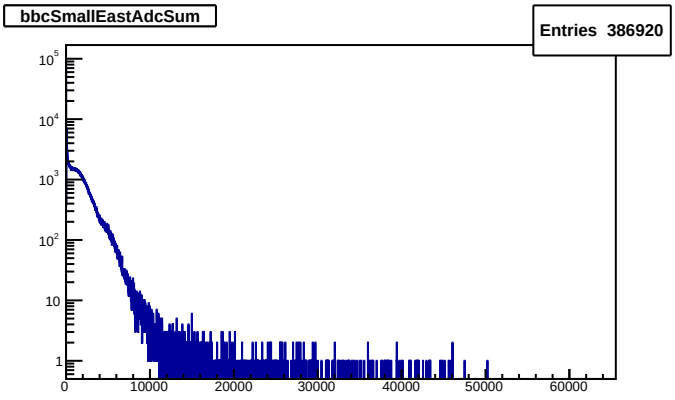

EQ2 QTC
Entries 3.714432e+07
TADC
QT Input Channel

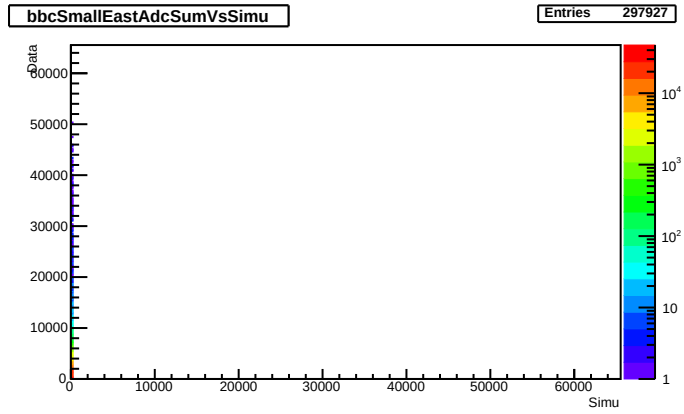

EQ3 QTB
Entries 9.905152e+07
ADC
QT Input Channel

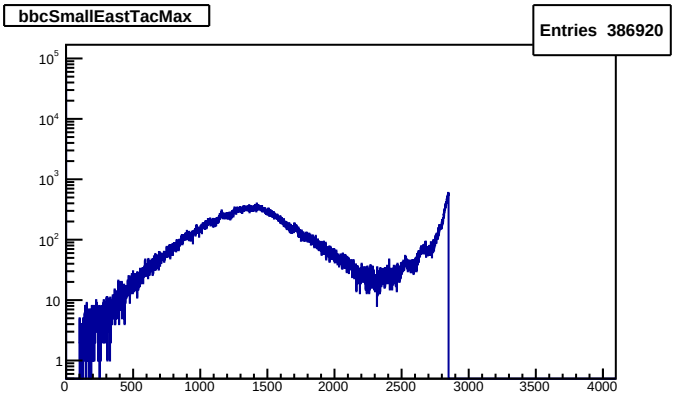

EQ3 QTB
Entries 3.014001e+07
TDC
QT Input Channel

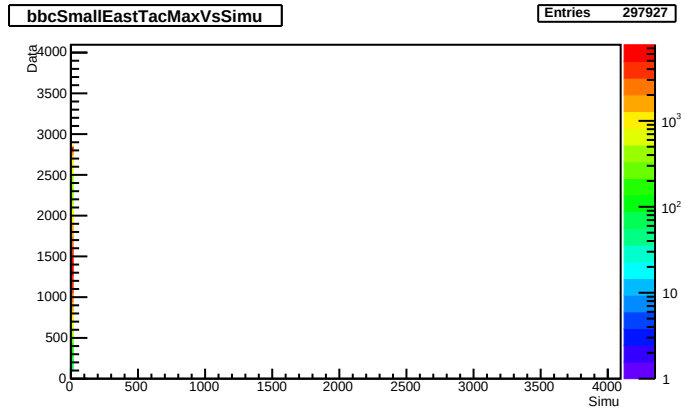

EQ3 QTC
Entries 3.714432e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.714432e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 386920


bbcSmallEastAdcSumVsSimu
Entries 297927
Data
Simu


bbcSmallEastTacMax
Entries 386920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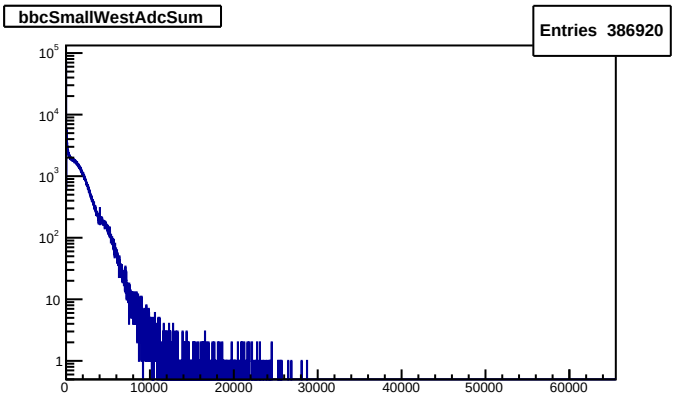
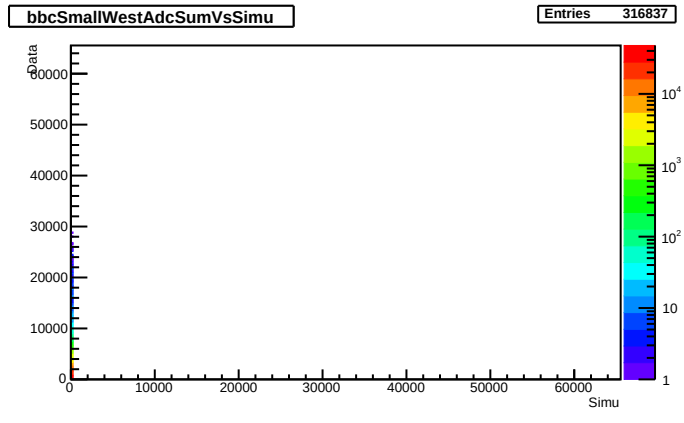
Entries 297927
Data
Simu


bbcSmallWestAdcSum
Entries 386920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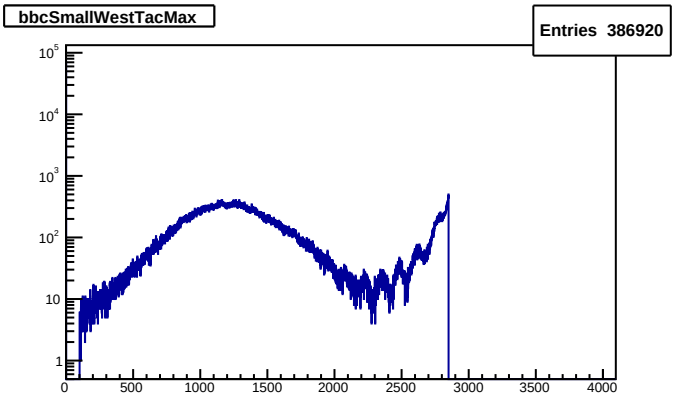
Entries 316837
Data
Simu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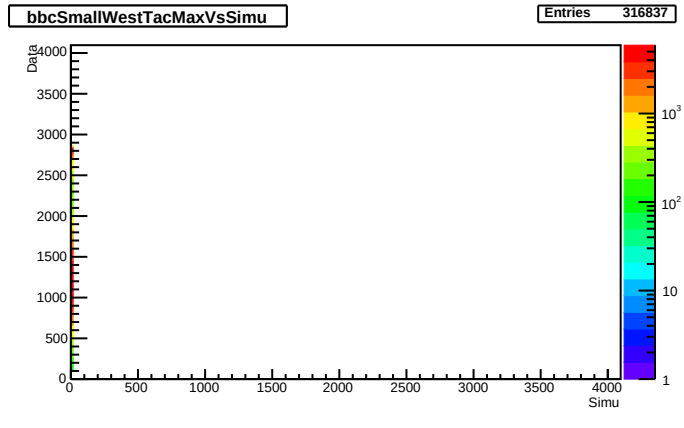
Entries 386920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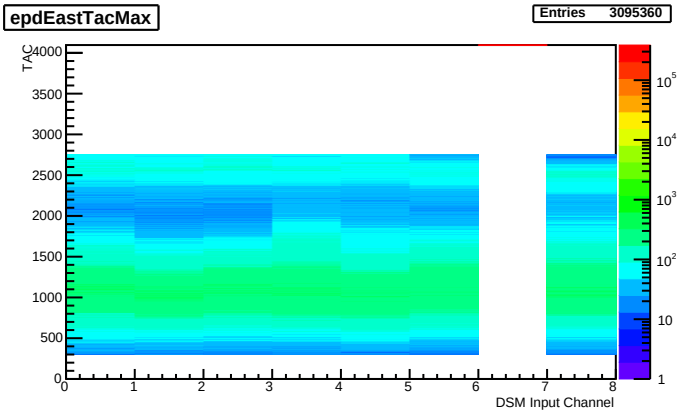
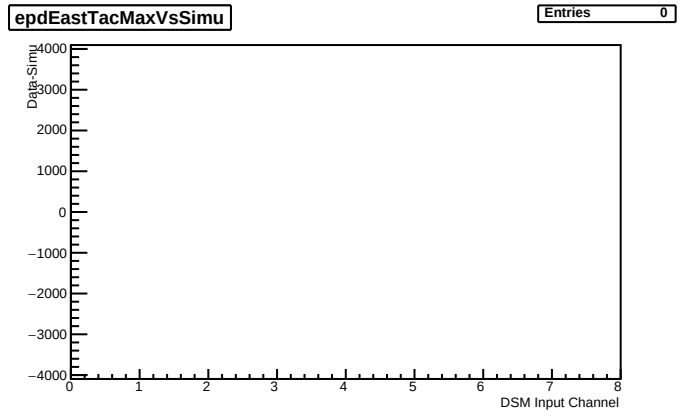
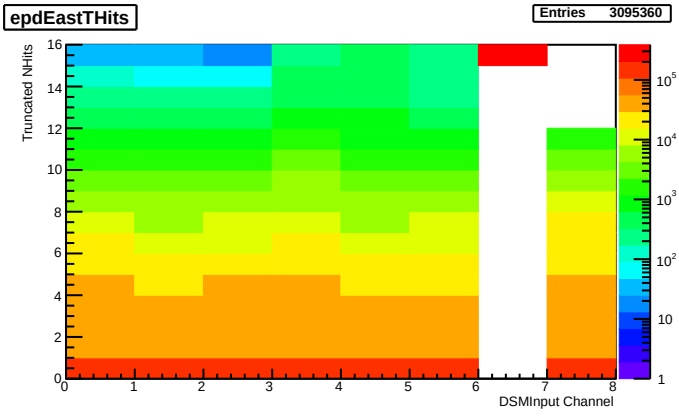
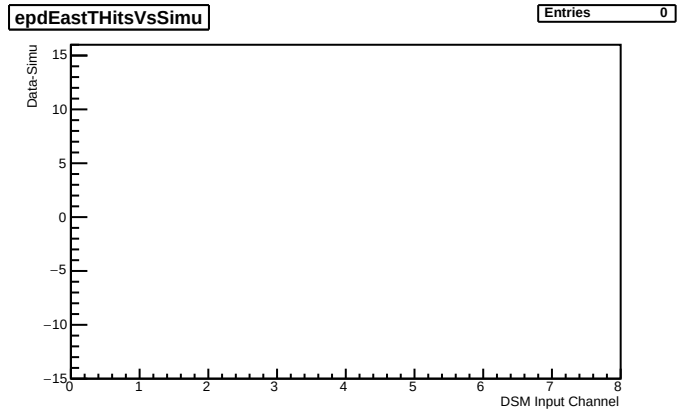
Entries 316837
Data
Simu


epdEastTacMax
Entries 3095360
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3095360
Truncated NHits
DSMInput Channel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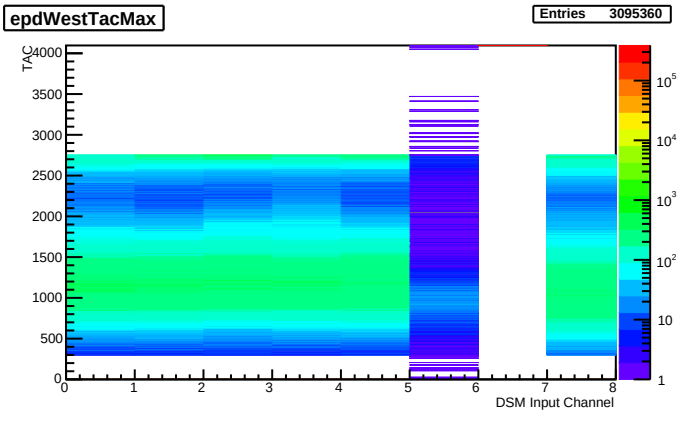
Data-Simu
DSM Input Channel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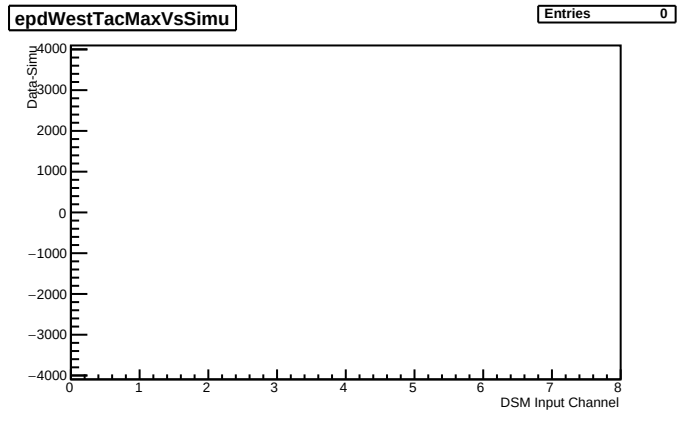
Entries 3095360
TAC
DSM Input Channel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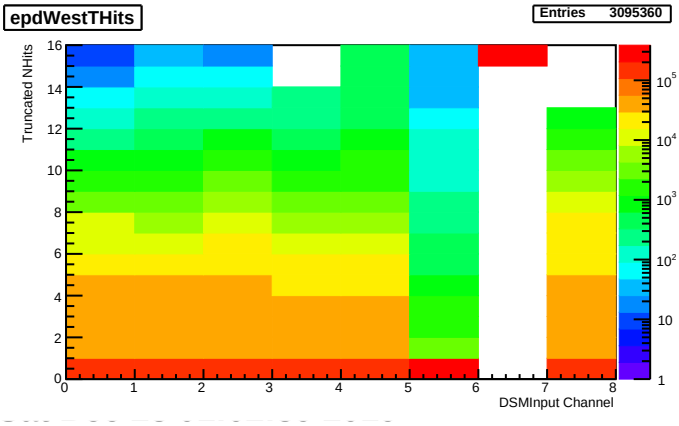
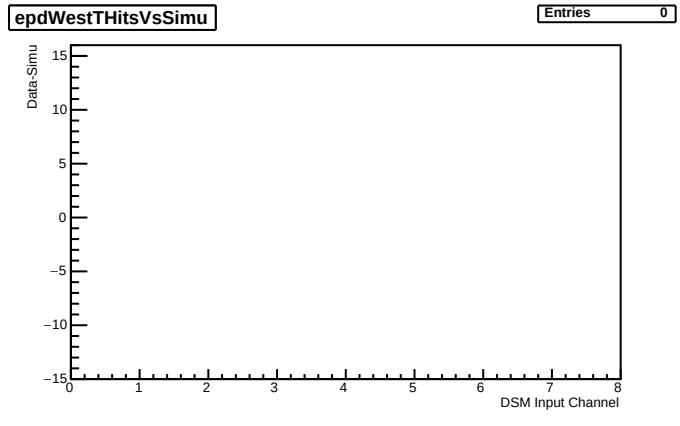
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3095360
Truncated NHits
DSMInput Channel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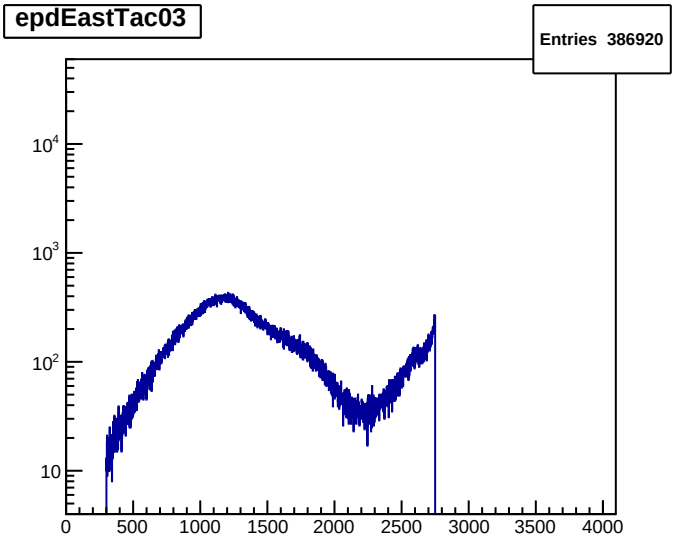
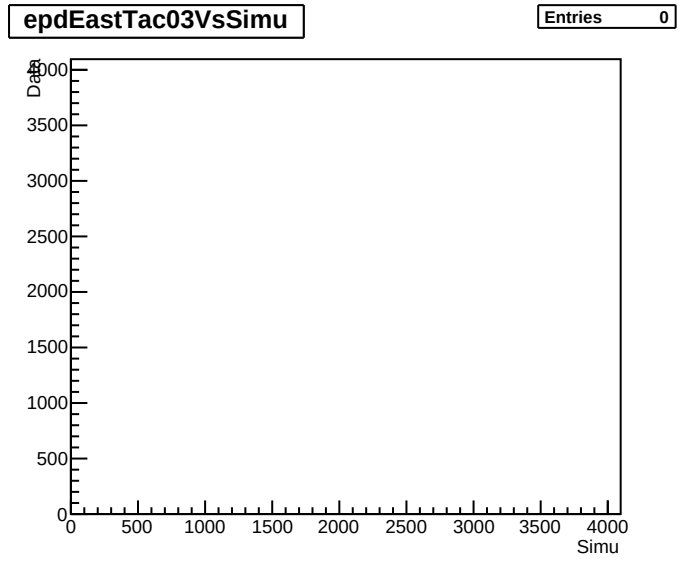
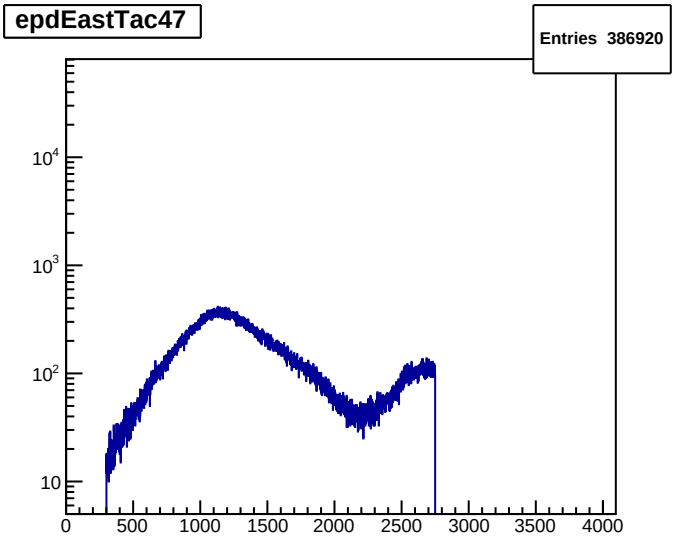
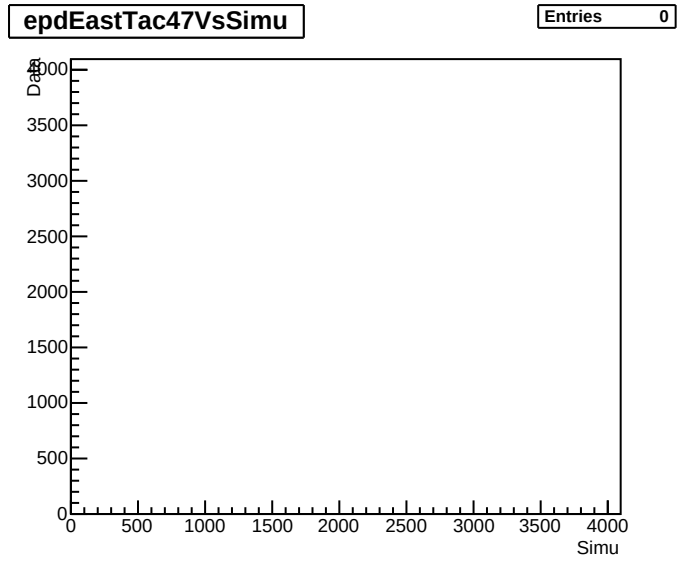
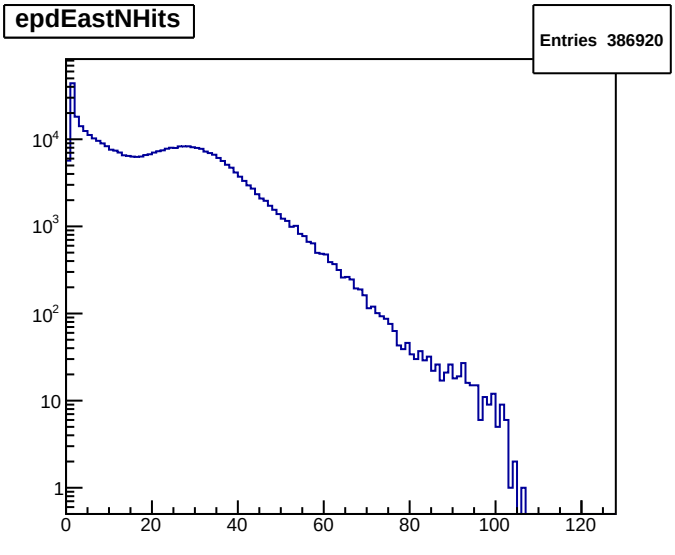
Entries 0
Data-Simu
DSM Input Channel

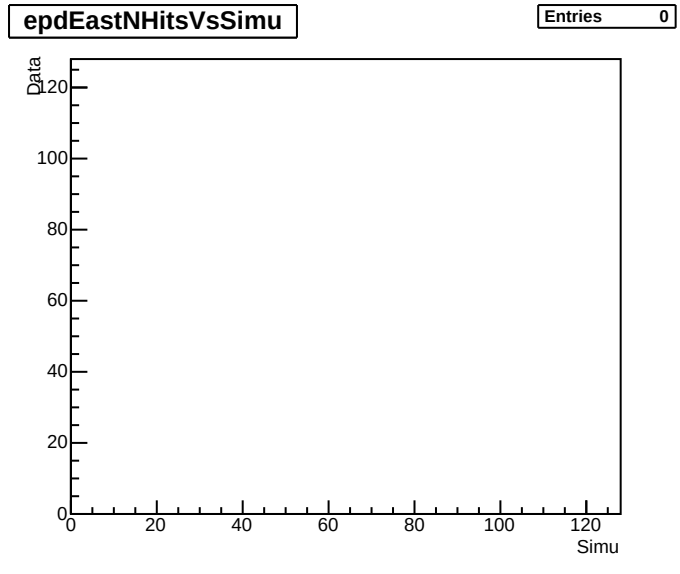

epdEastTac03
Entries 386920


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 386920


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 386920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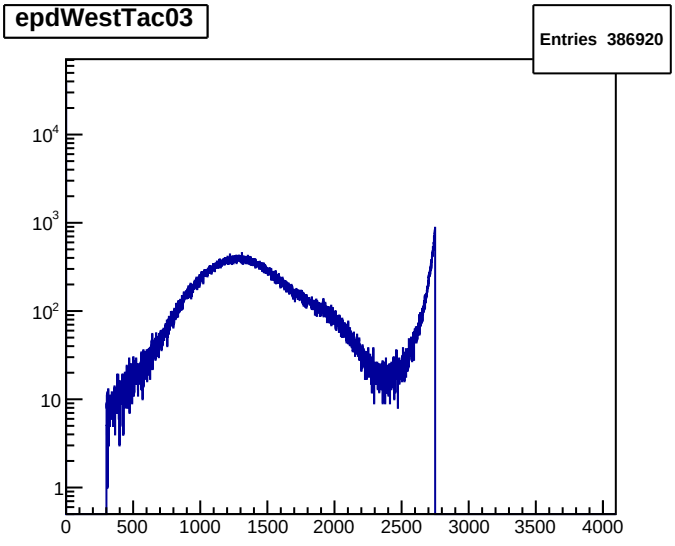
Entries 0
Data
Simu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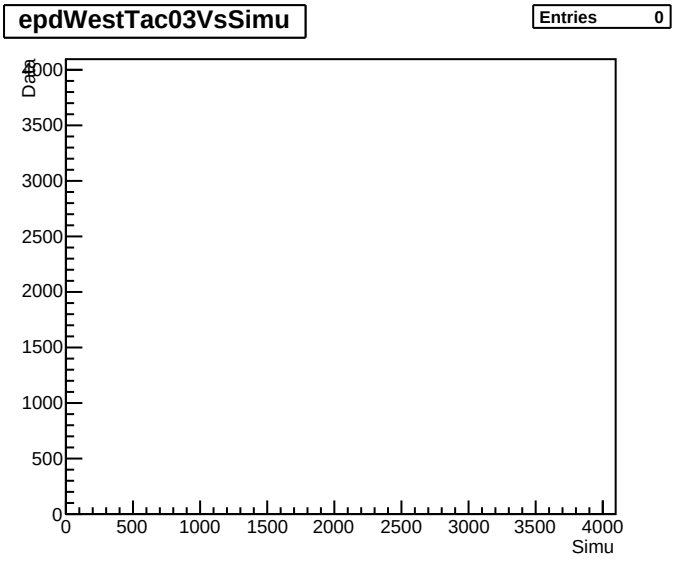
Entries 386920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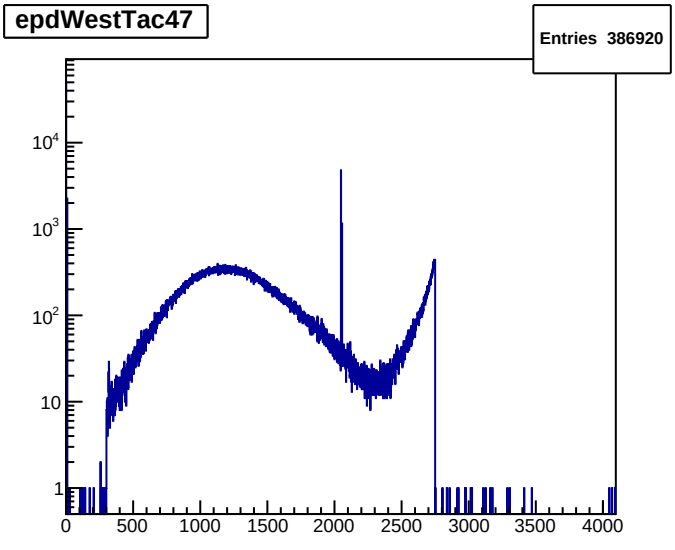
Entries 0
Data
Simu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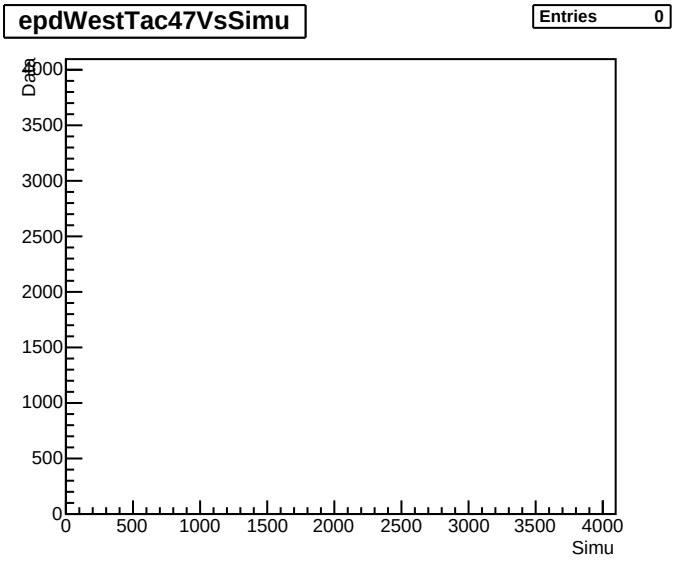
Entries 386920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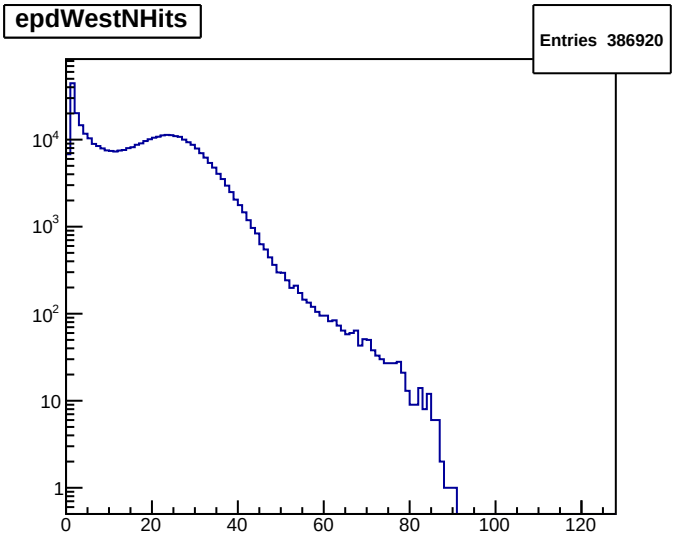
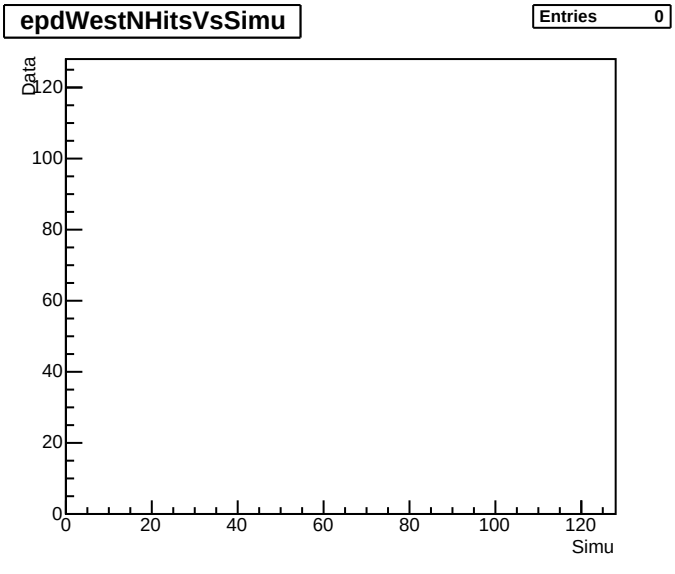
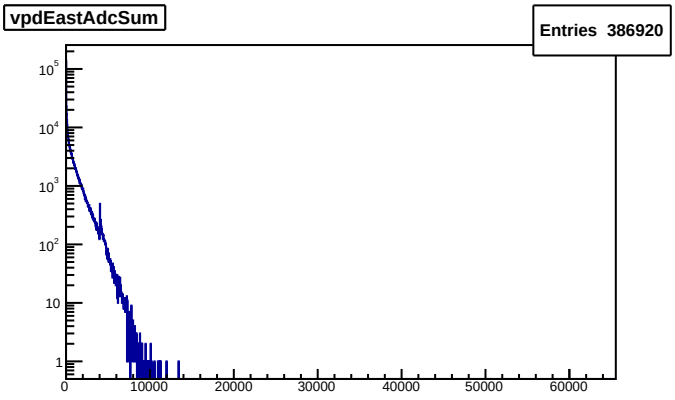
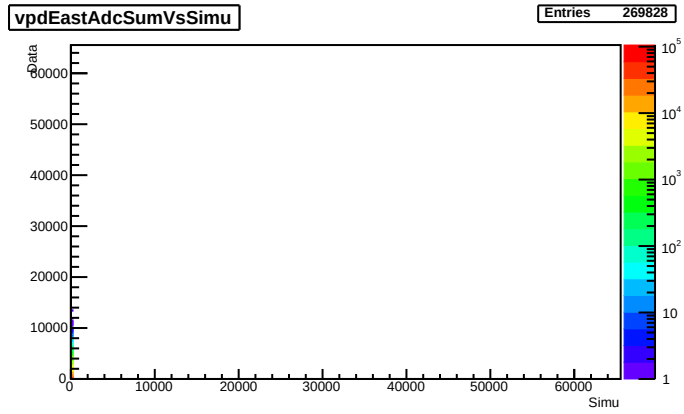
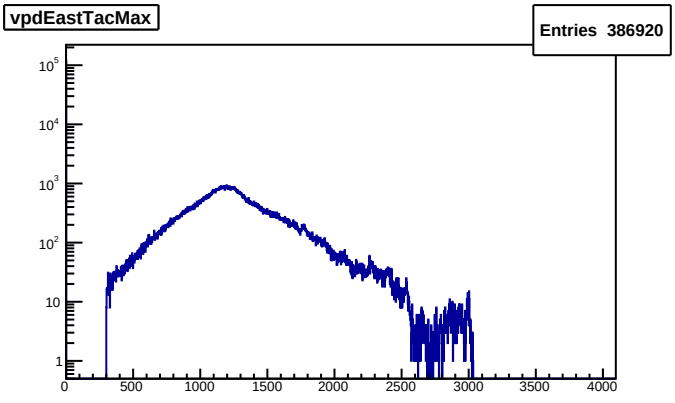
Entries 0
Data
Simu

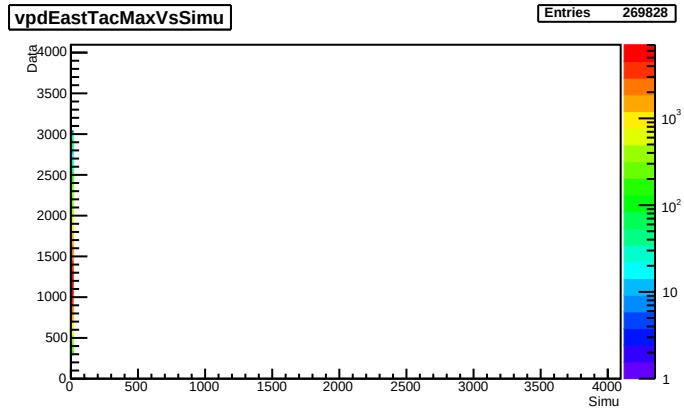

epdWestNHits
Entries 386920

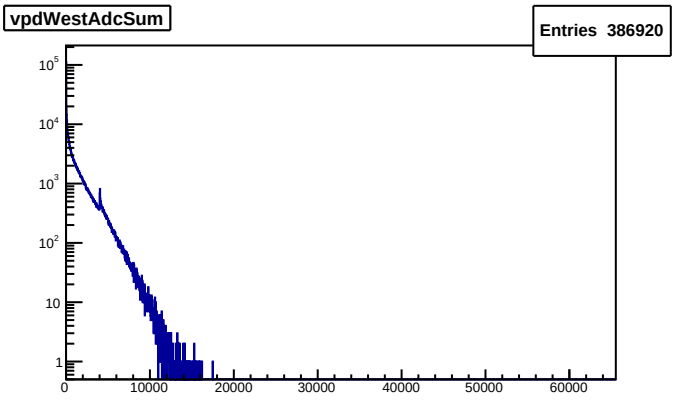

epdWestNHitsVsSimu
Entries 0
Data
Simu

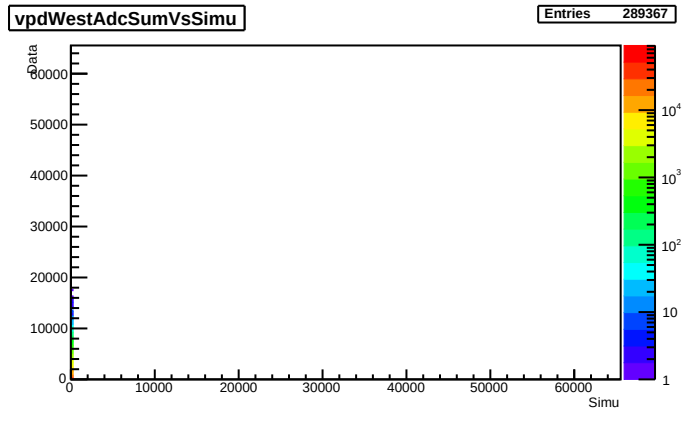

vpdEastAdcSum
Entries 386920

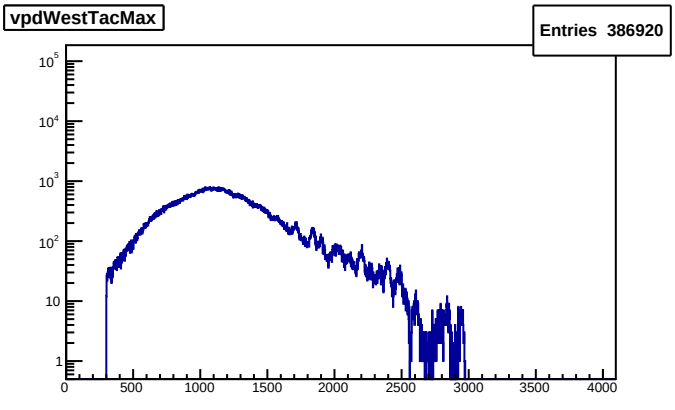

vpdEastAdcSumVsSimu
Entries 269828
Data
Simu

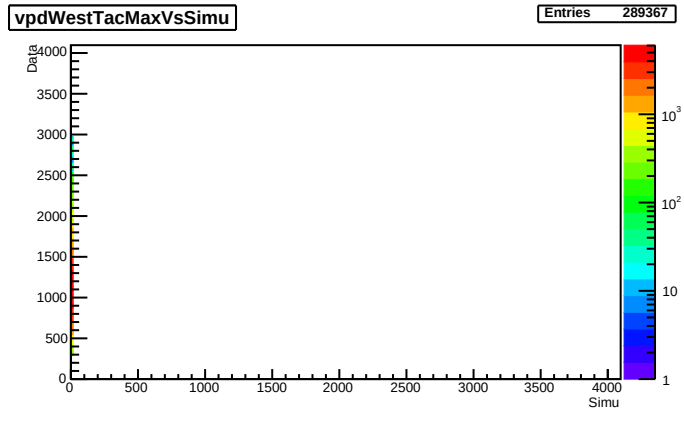

vpdEastTacMax
Entries 386920

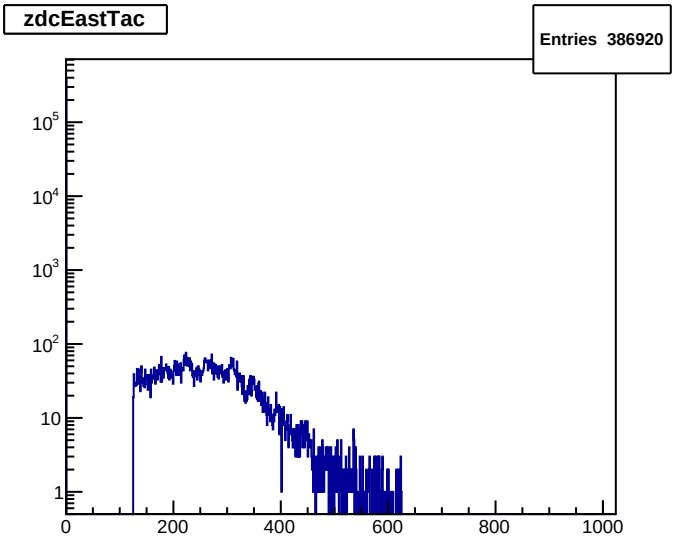

vpdEastTacMaxVsSimu
Entries 269828
Data
Simu

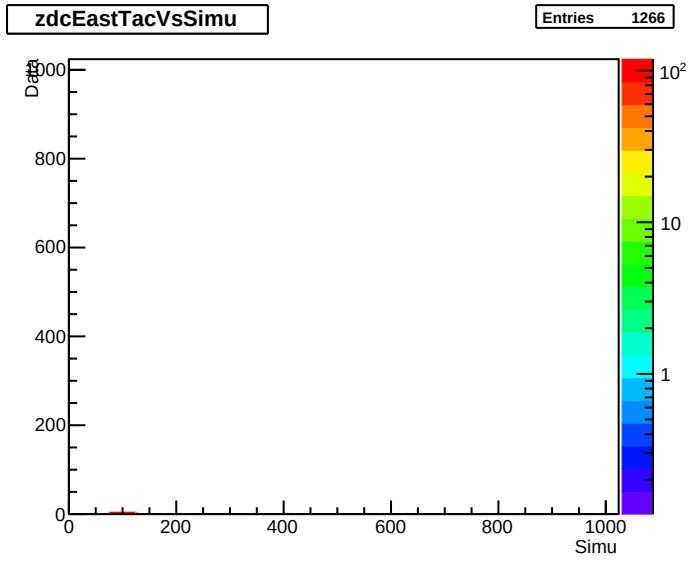

vpdWestAdcSum
Entries 386920

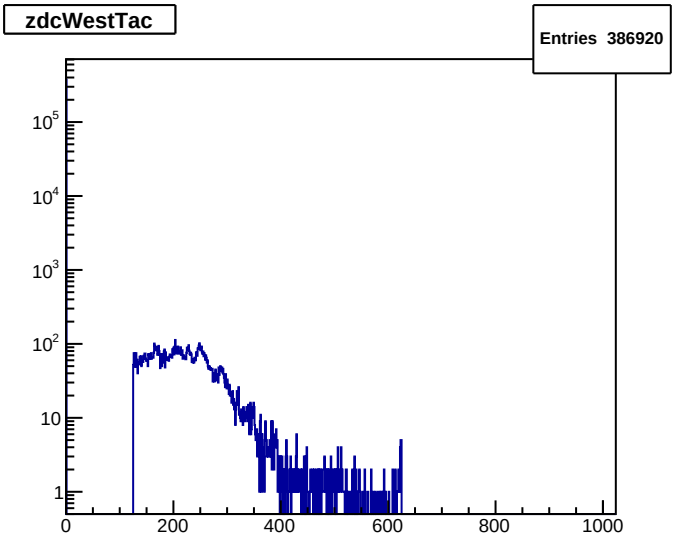

vpdWestAdcSumVsSimu
Entries 289367
Data
Simu

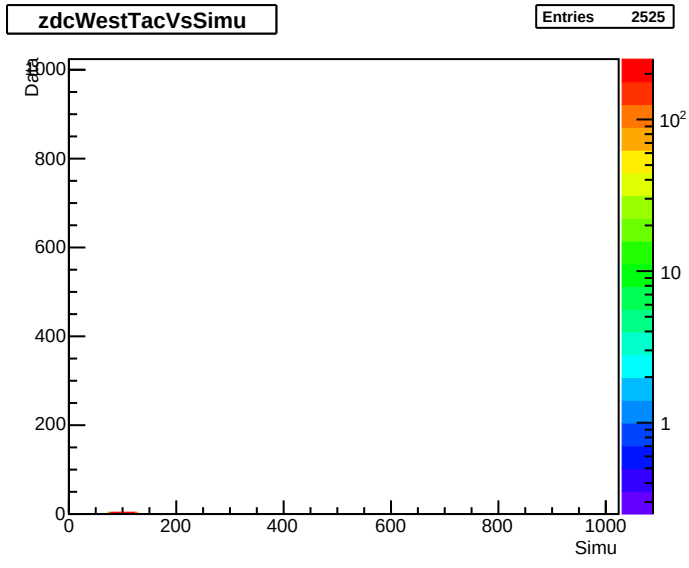

vpdWestTacMax
Entries 386920

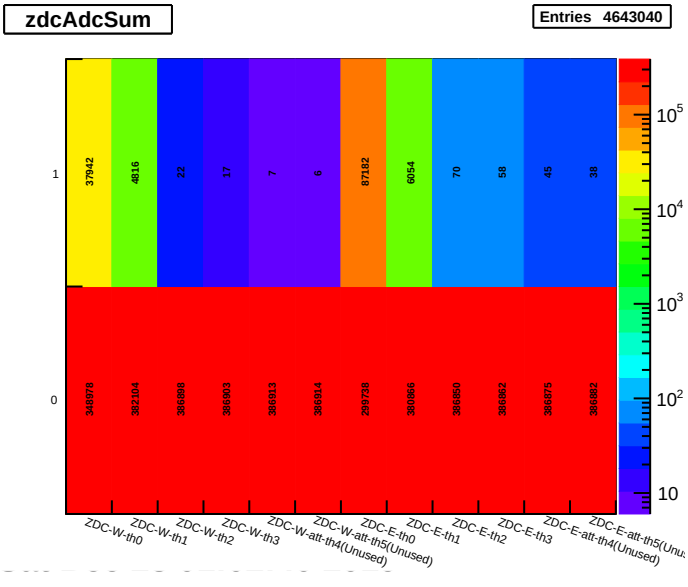

vpdWestTacMaxVsSimu
Entries 289367
Data
Simu

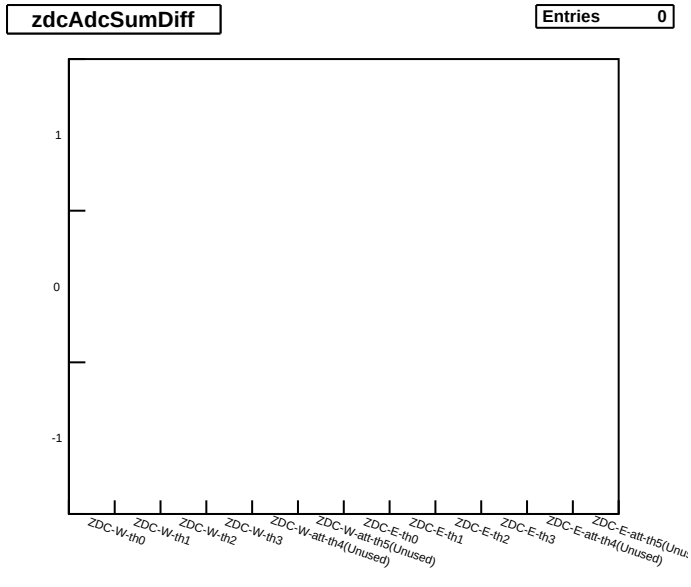

zdcEastTac
Entries 386920

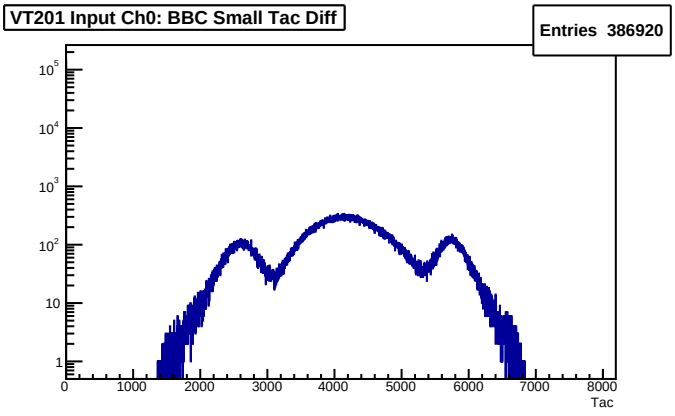

zdcEastTacVsSimu
Entries 1266
Data
Simu

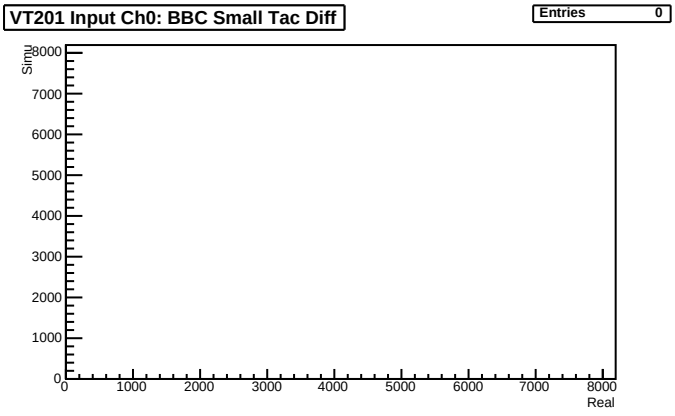

zdcWestTac
Entries 386920

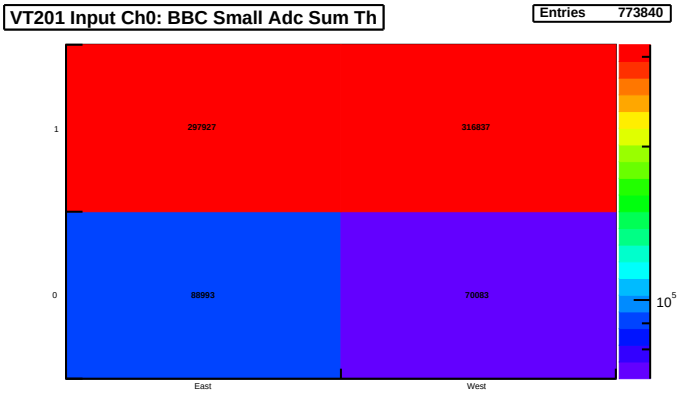

zdcWestTacVsSimu
Entries 2525
Data
Simu

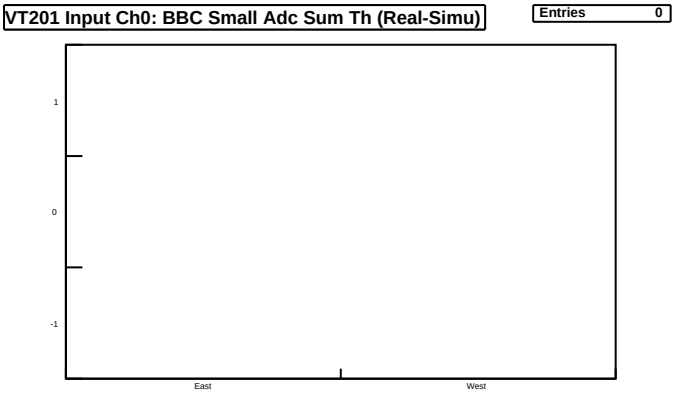

zdcAdcSum
Entries 4643040
37942
4816
22
17
7
6
87182
6054
70
58
45
38
348978
382104
386898
386903
386913
386914
299738
380866
386850
386862
386875
386882
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

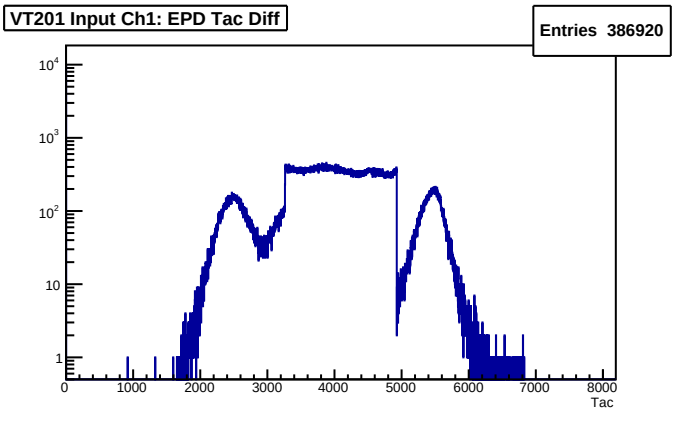

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

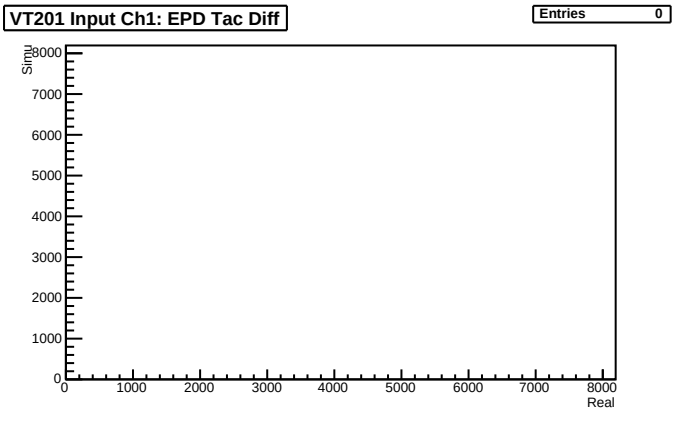

VT201 Input Ch0: BBC Small Tac Diff
Entries 386920
Tac

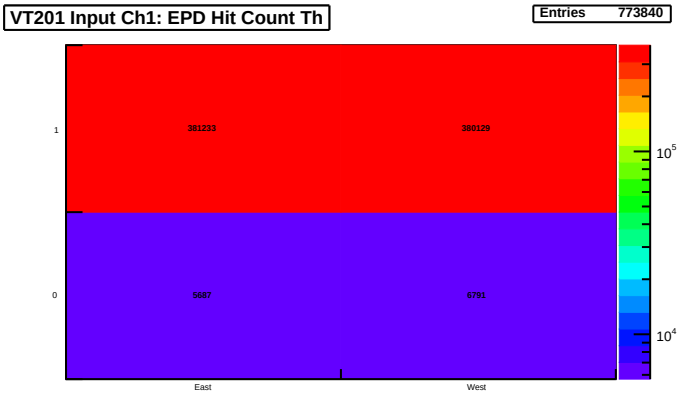

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

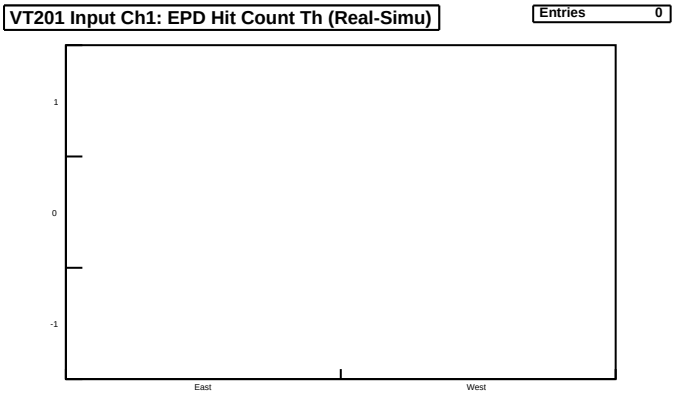

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 773840
297927
316837
88993
70083
East
West

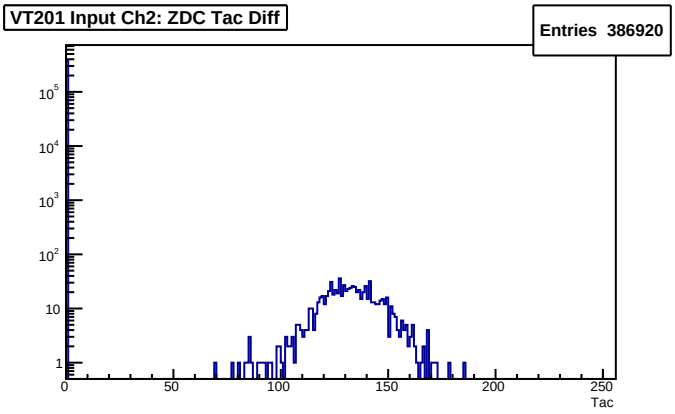

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

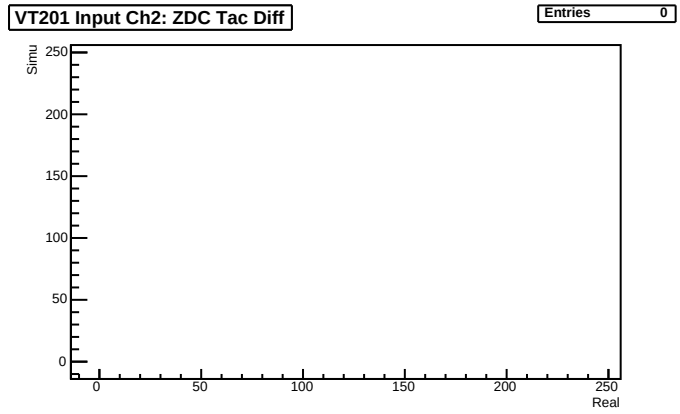

VT201 Input Ch1: EPD Tac Diff
Entries 386920
Tac

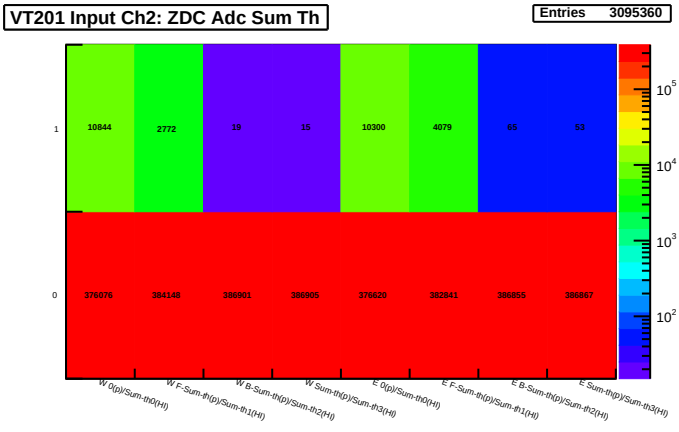

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

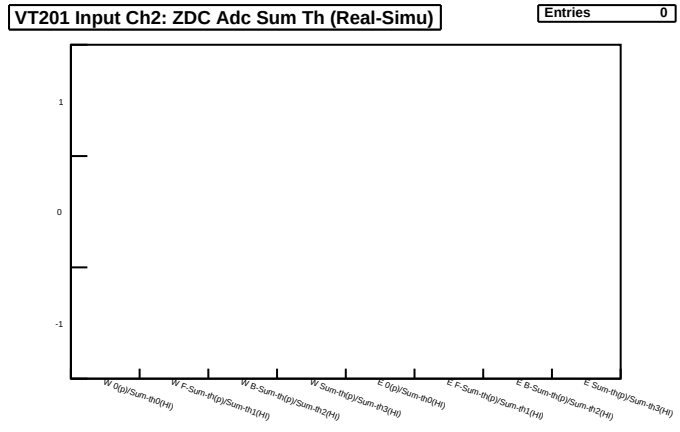

VT201 Input Ch1: EPD Hit Count Th
Entries 773840
381233
380129
5687
6791
East
West

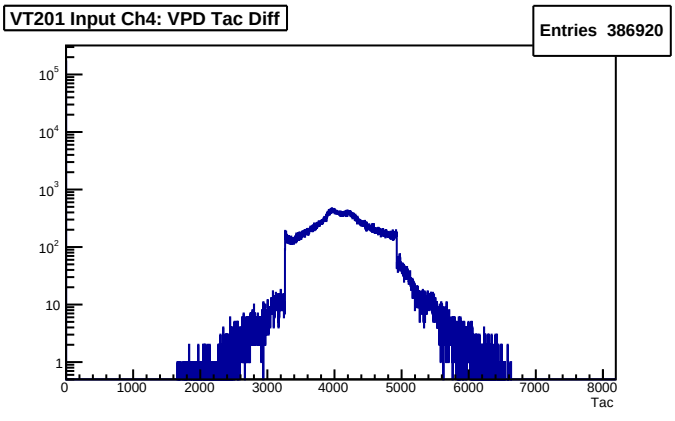

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

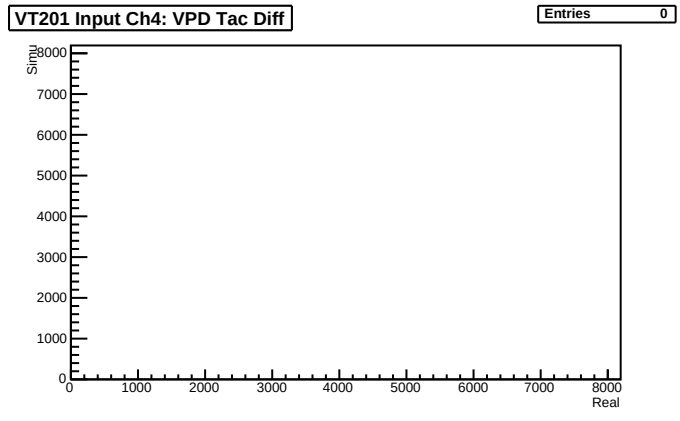

VT201 Input Ch2: ZDC Tac Diff
Entries 386920
Tac

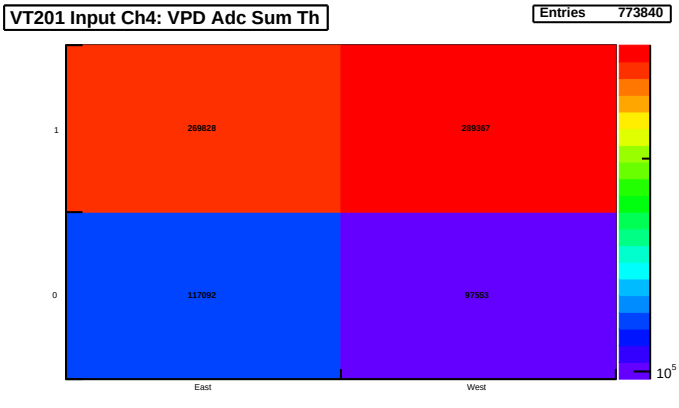

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

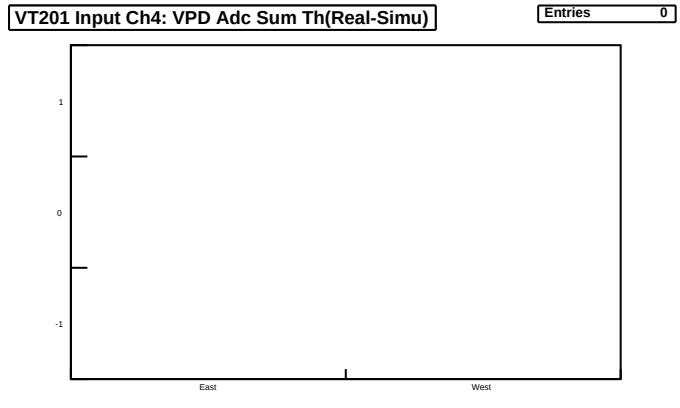

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3095360
10844
2772
19
15
10300
4079
65
53
376076
384148
386901
386905
376620
382841
386855
386867
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

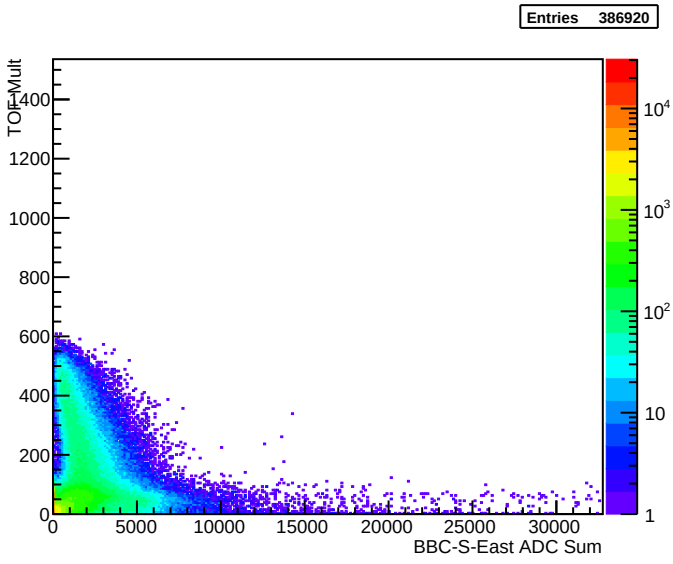

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

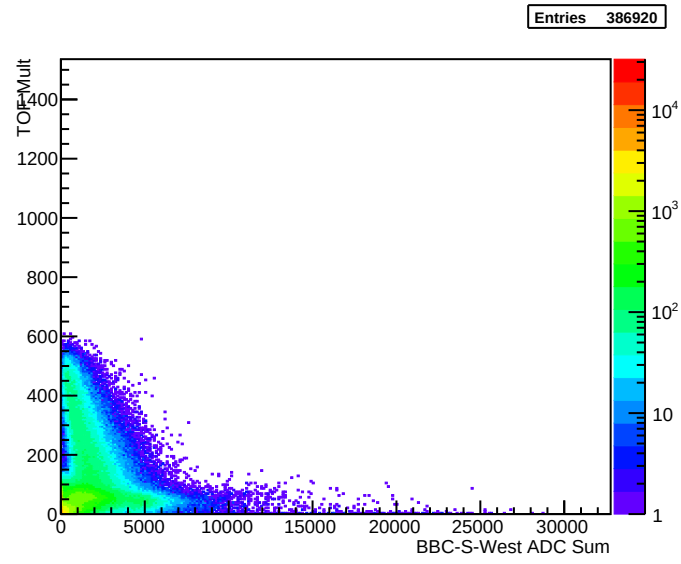

VT201 Input Ch4: VPD Tac Diff
Entries 386920
Tac

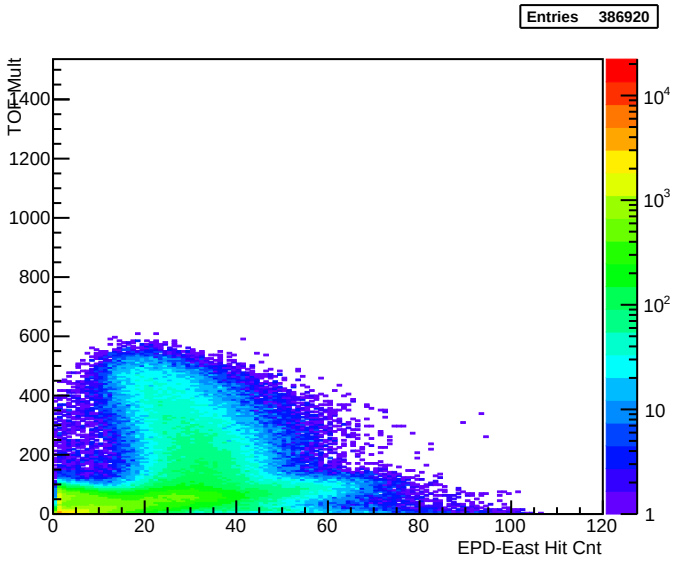

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

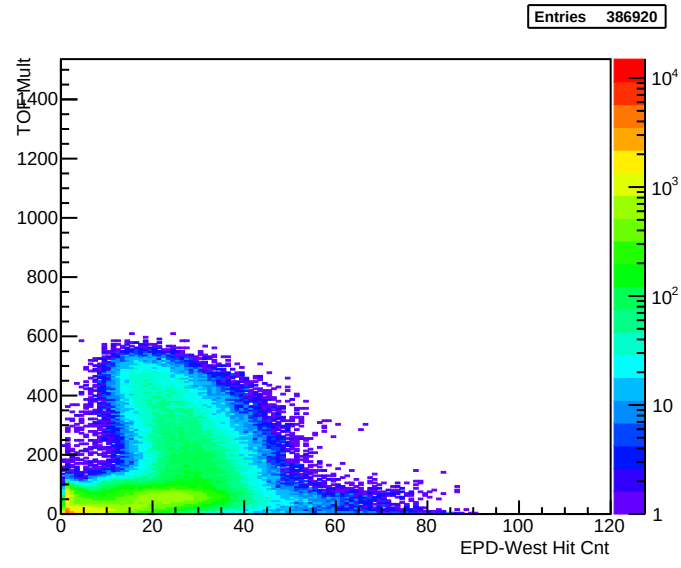

VT201 Input Ch4: VPD Adc Sum Th
Entries 773840
269828
289367
117092
97553
East
West

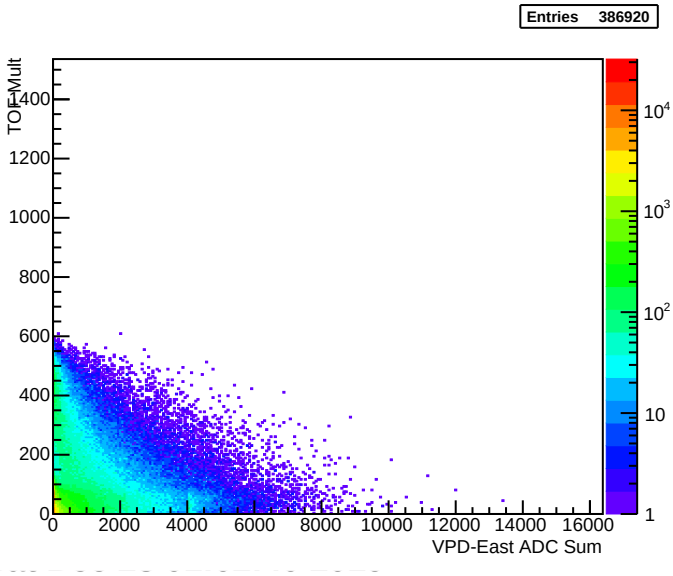

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

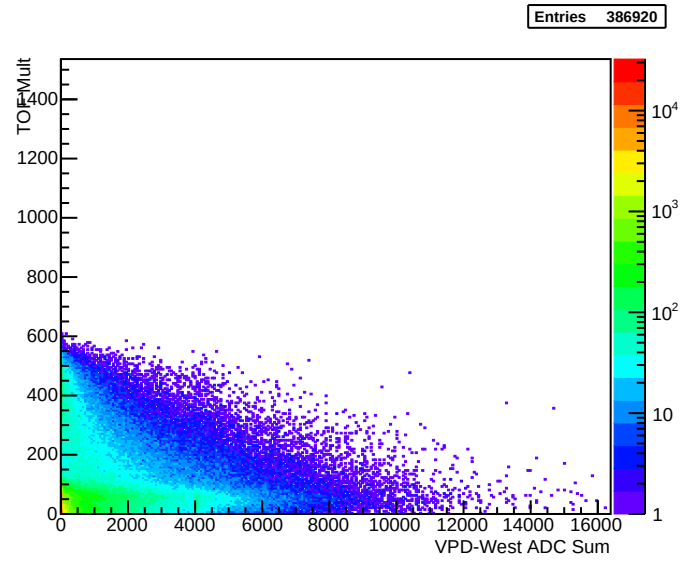

Entries 386920
TOF-Mult
BBC-S-East ADC Sum

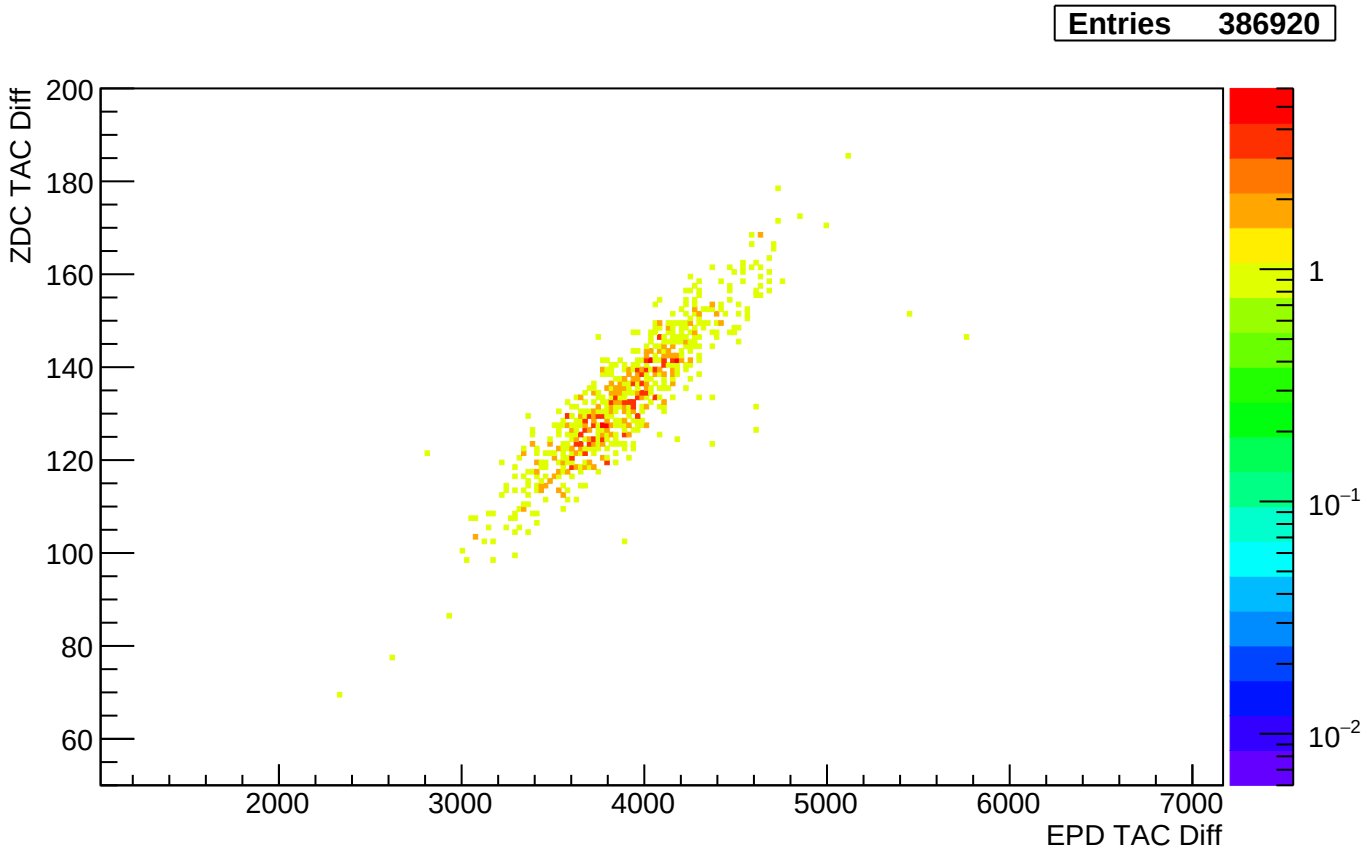

Entries 386920
TOF-Mult
BBC-S-West ADC Sum

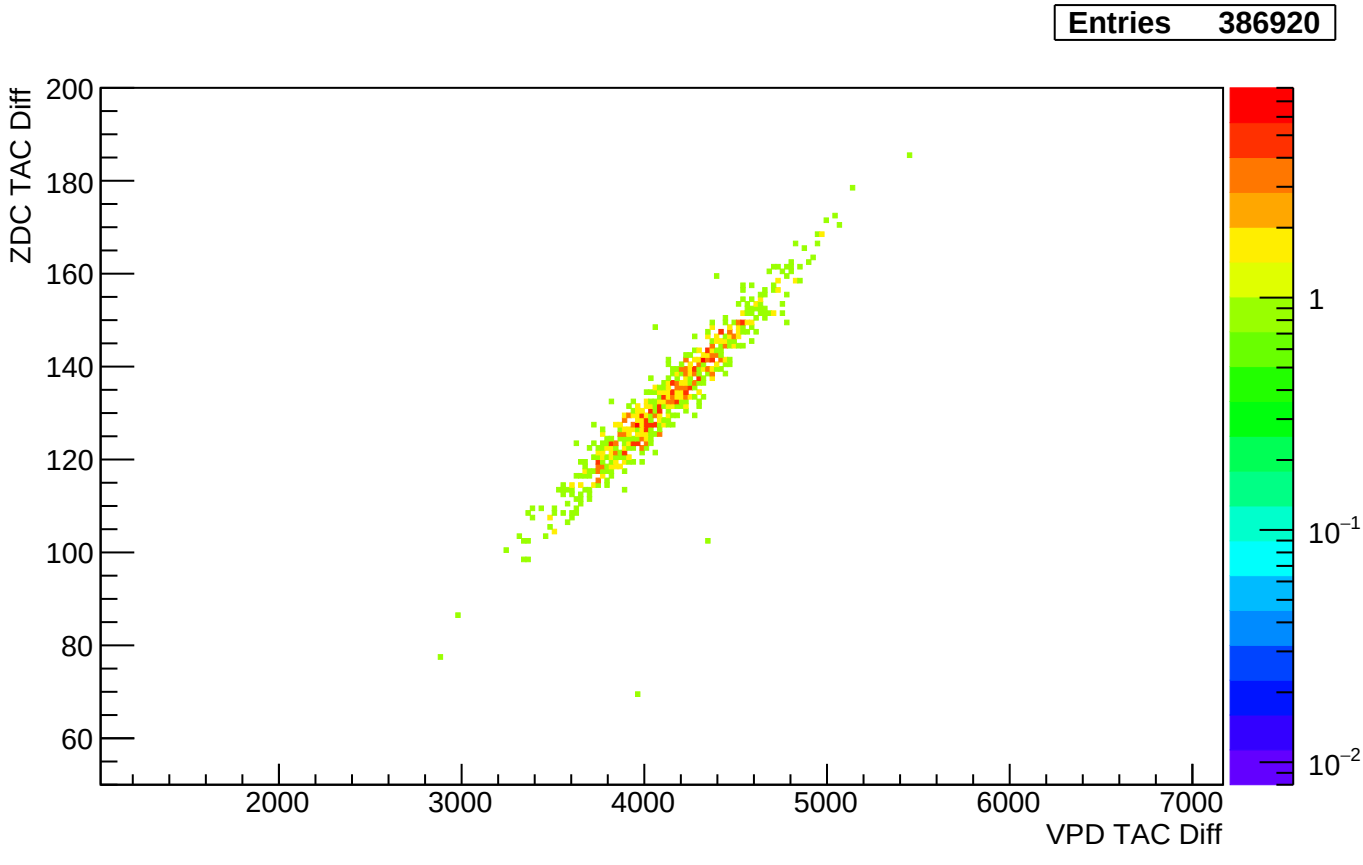

Entries 386920
TOF-Mult
EPD-East Hit Cnt

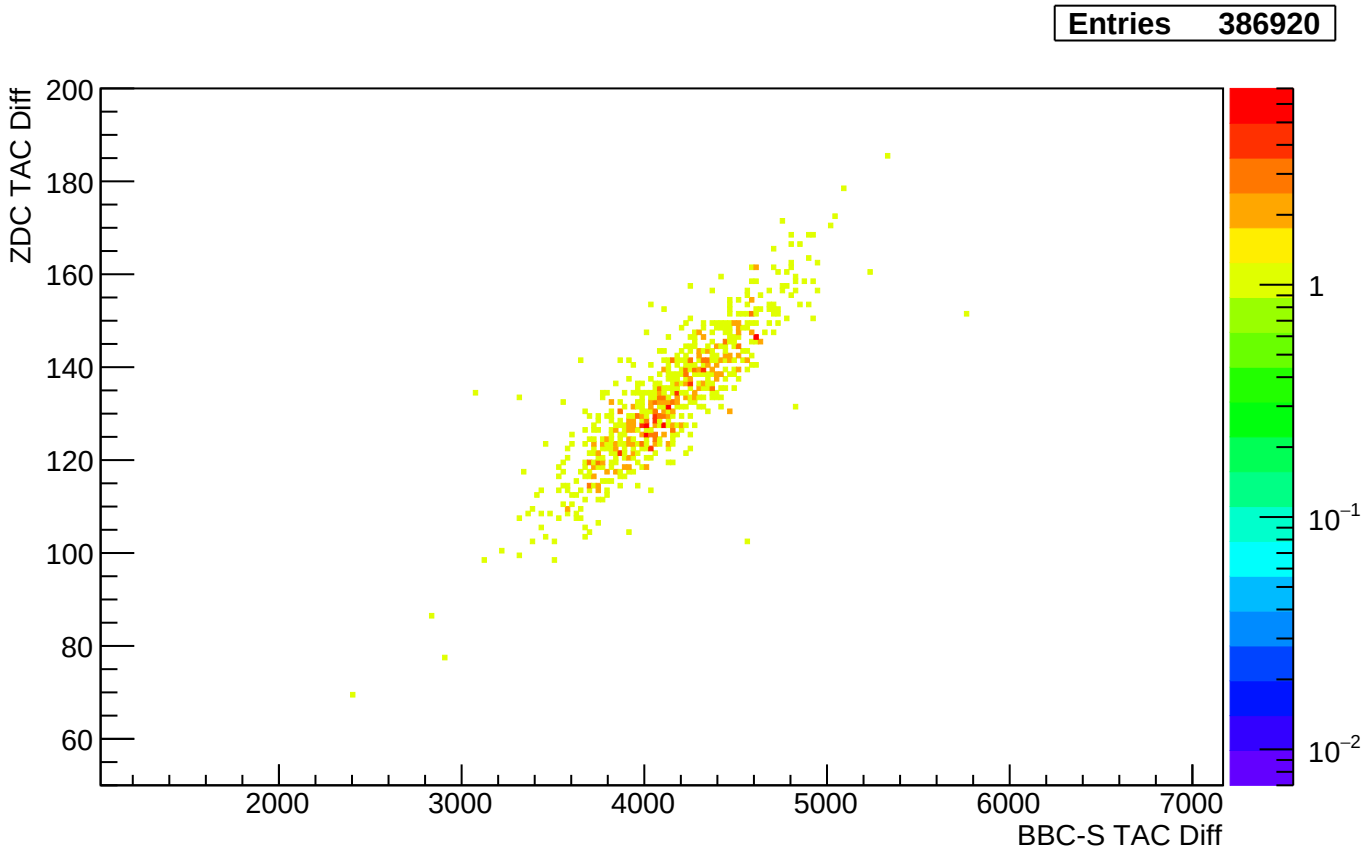

Entries 386920
TOF-Mult
EPD-West Hit Cnt

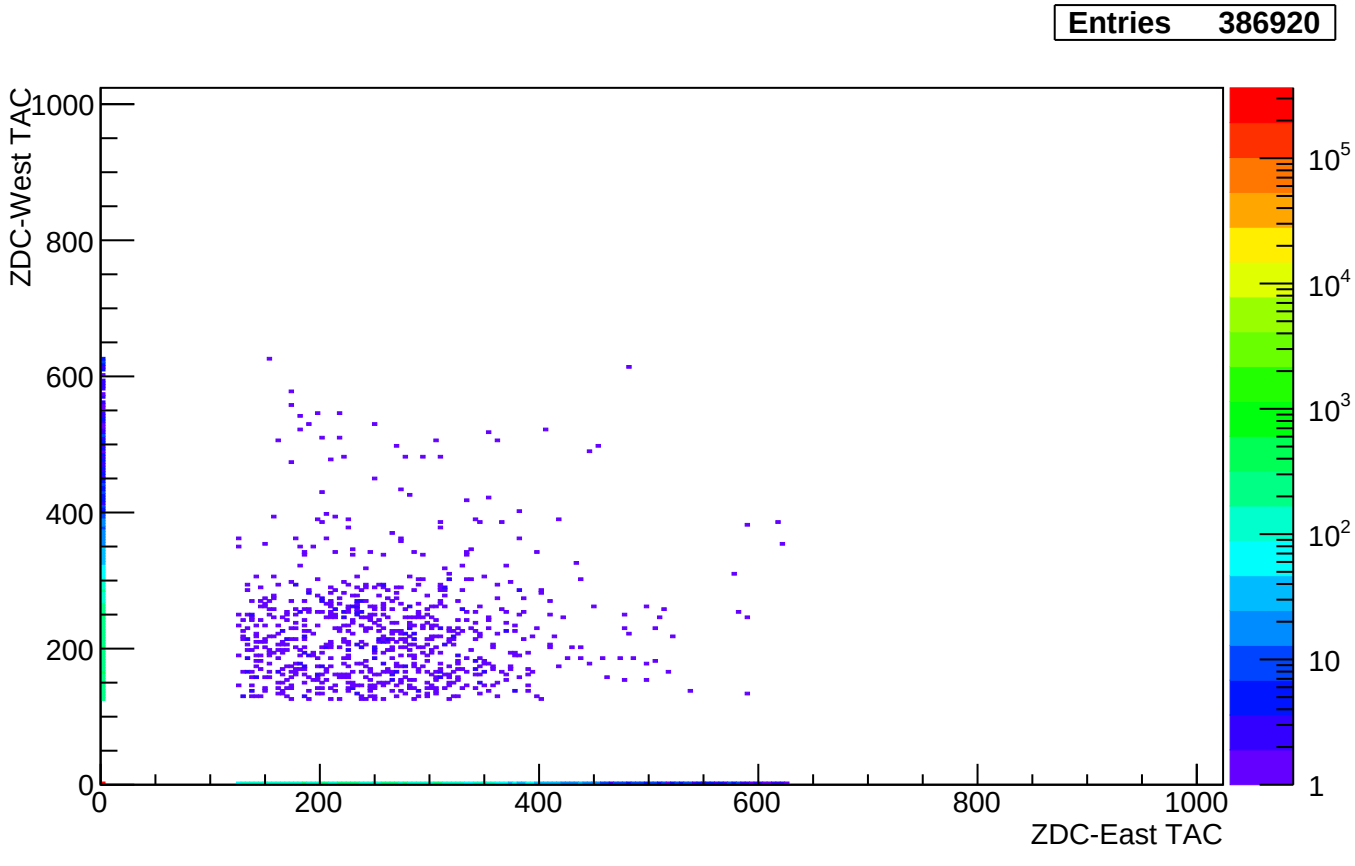

Entries 386920
TOF-Mult
VPD-East ADC Sum

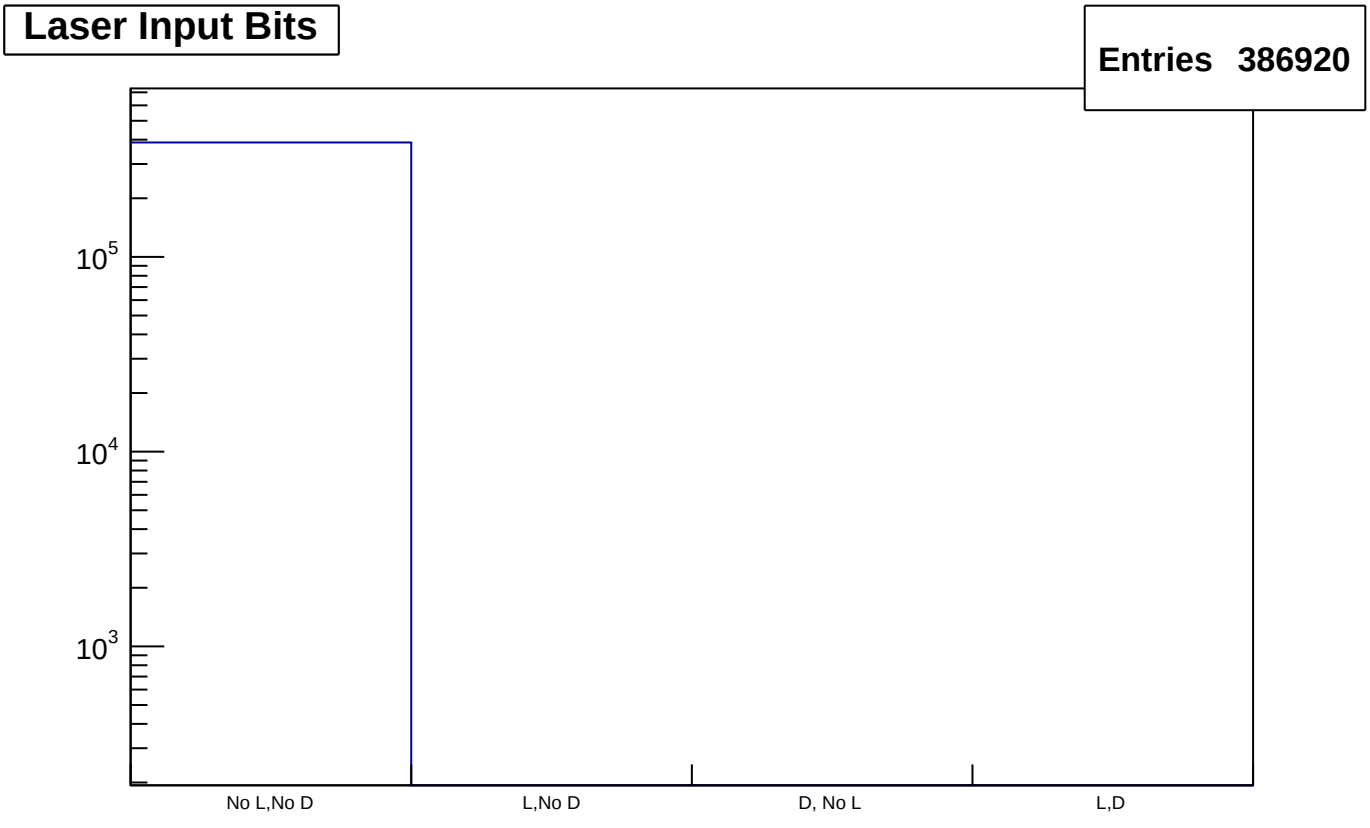

Entries 386920
TOF-Mult
VPD-West ADC Sum

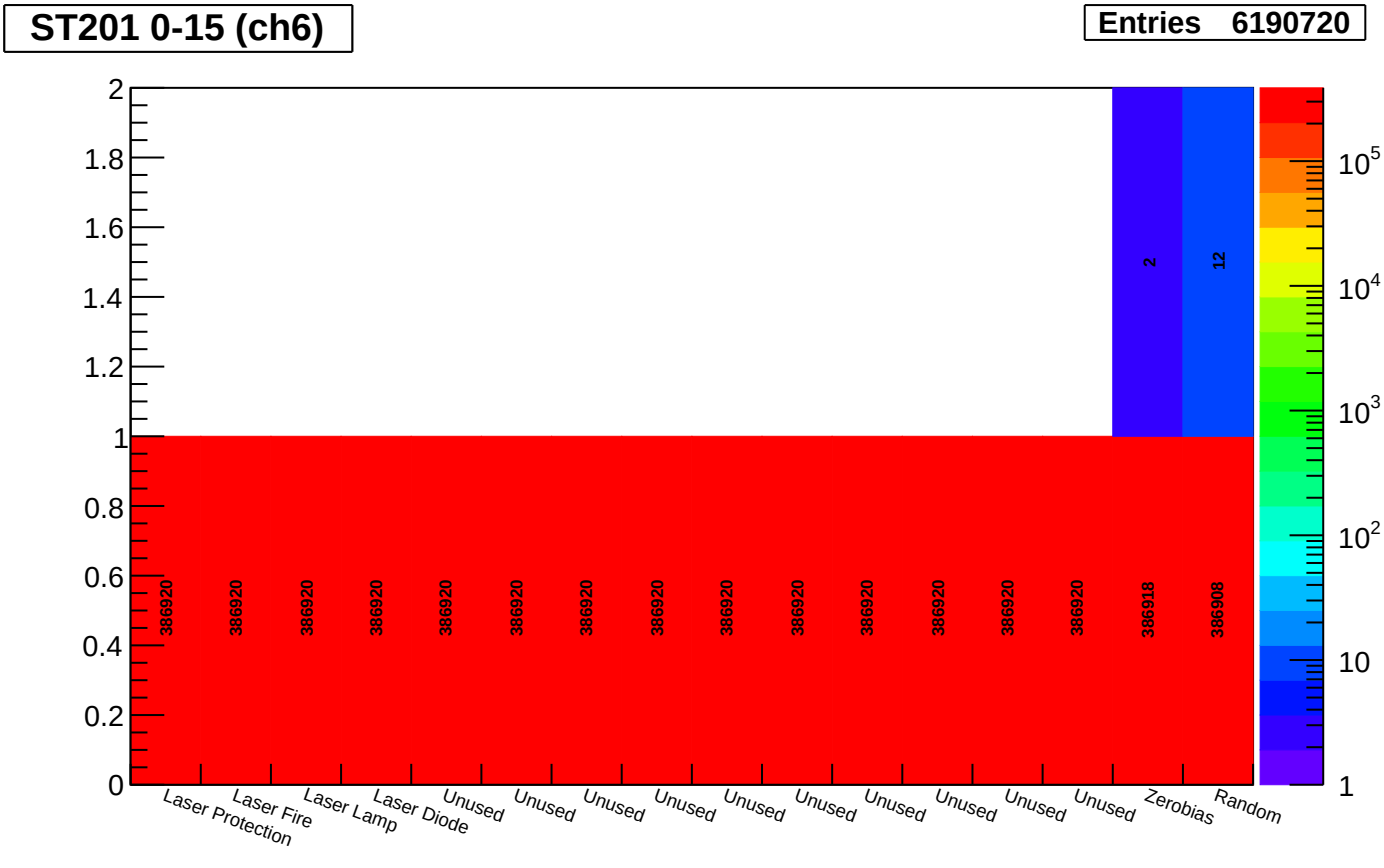

Entries 386920
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

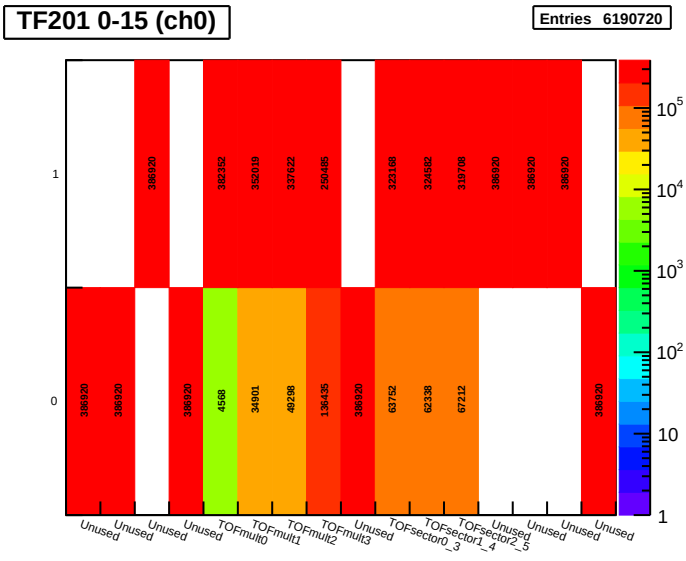

Entries 386920
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

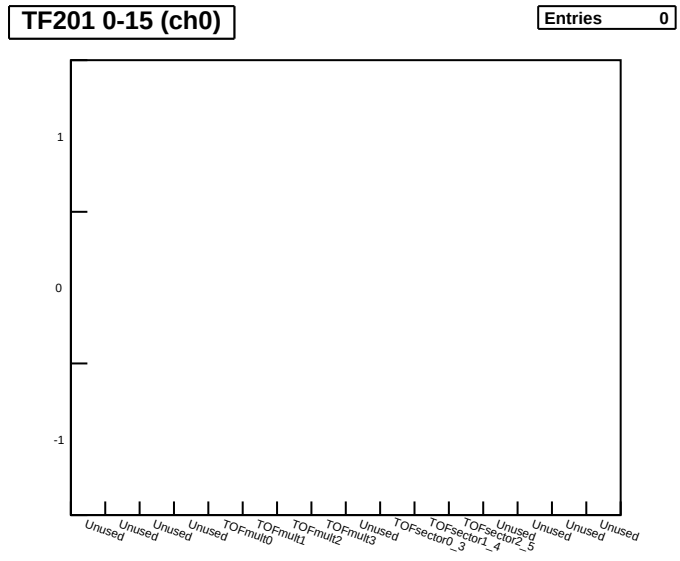

Entries 386920
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

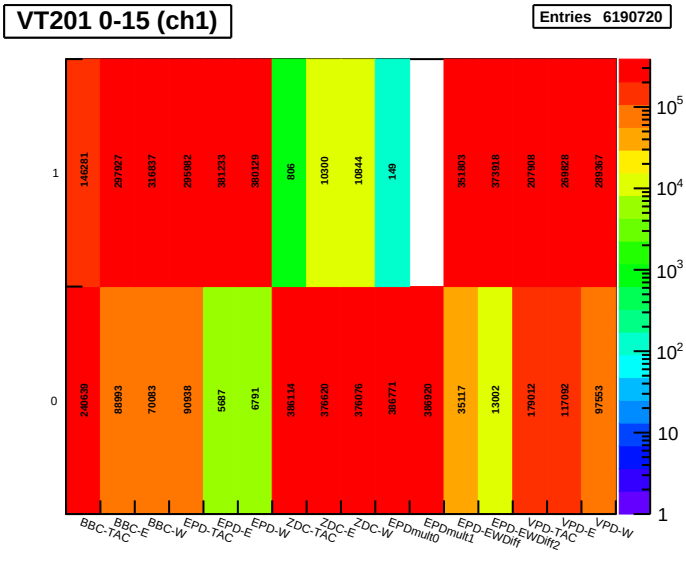

Entries 386920
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

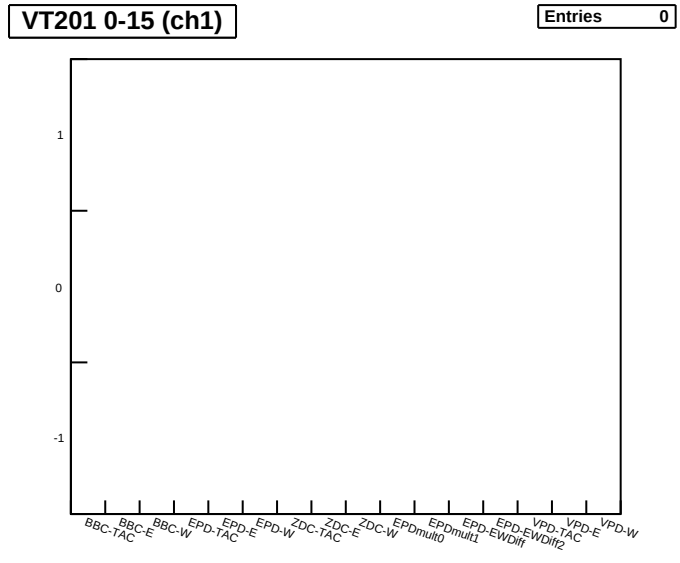

Laser Input Bits
Entries 386920
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

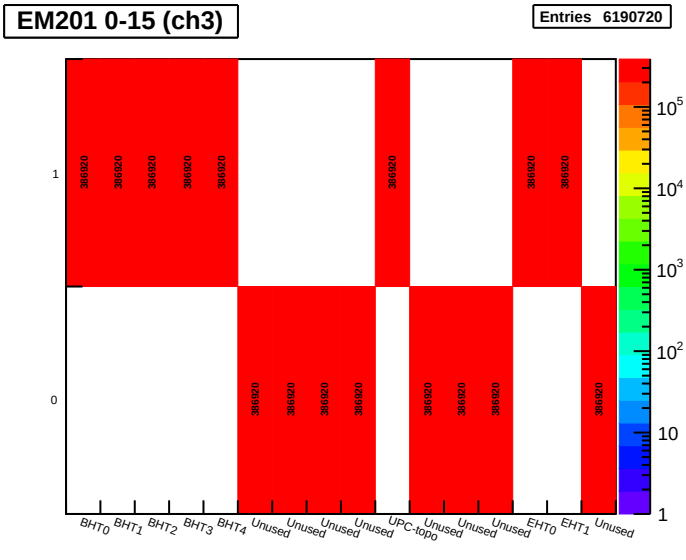

ST201 0-15 (ch6)
Entries 6190720
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
386920
2
12
386918
386908
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

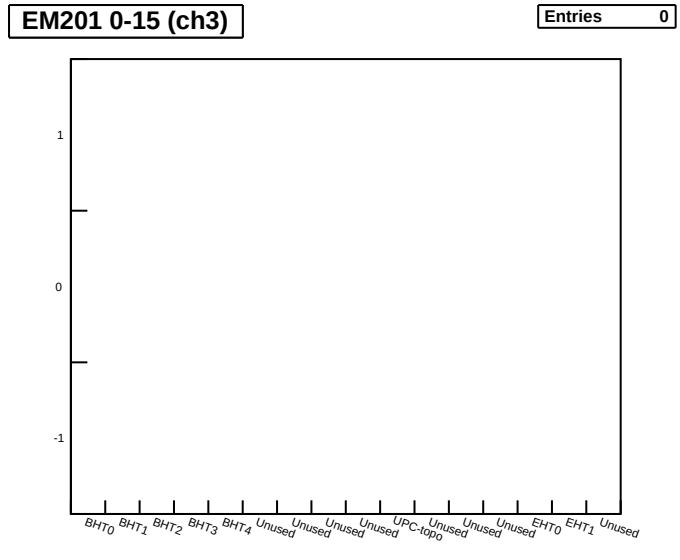

TF201 0-15 (ch0)
Entries 6190720
1
0
386920
386920
386920
386920
382352
352019
337622
290485
386920
386920
386920
386920
4568
34901
49298
136435
386920
63752
62338
67212
386920
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
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 6190720
1
0
146281
297927
316837
295982
381233
380129
806
10300
10844
149
351803
373918
207908
269828
289367
240639
88993
70083
90938
5687
6791
386114
376620
376076
386771
386920
35117
13002
179012
117092
97553
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 6190720
1
0
386920
386920
386920
386920
386920
386920
386920
386920
386920
386920
386920
386920
386920
386920
386920
386920
386920
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