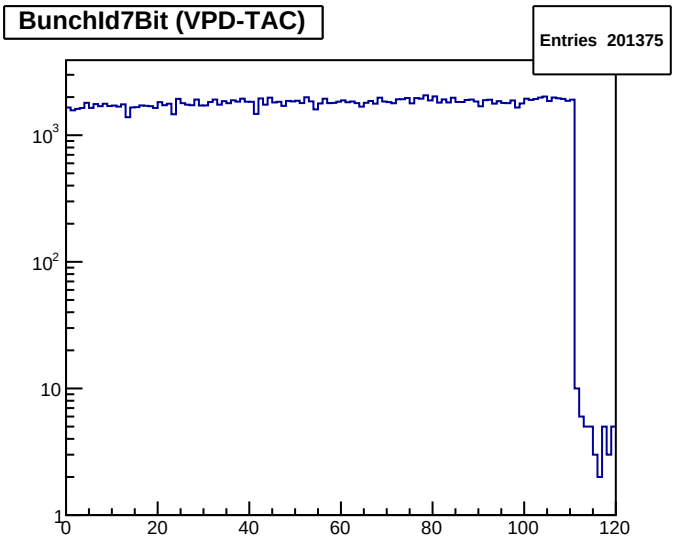
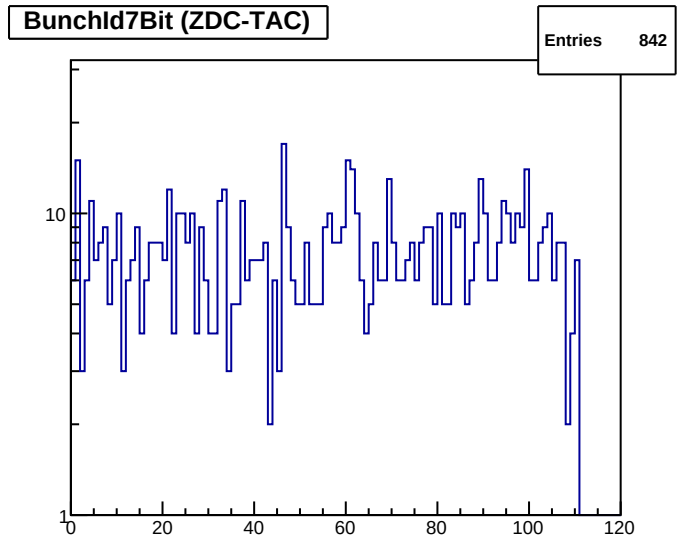
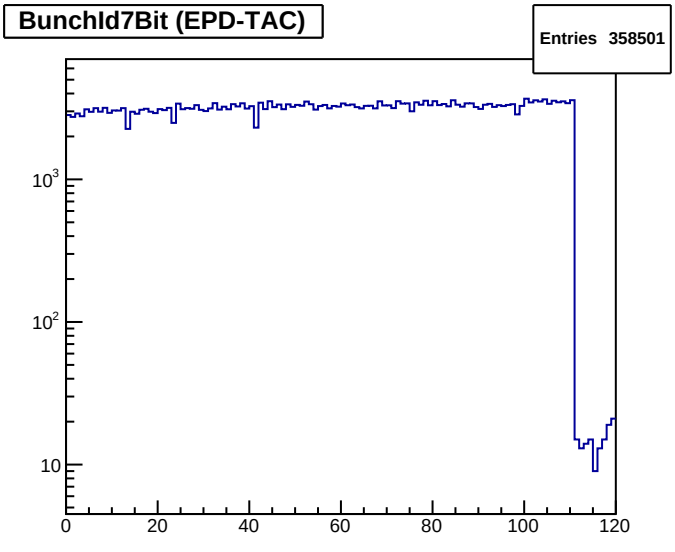
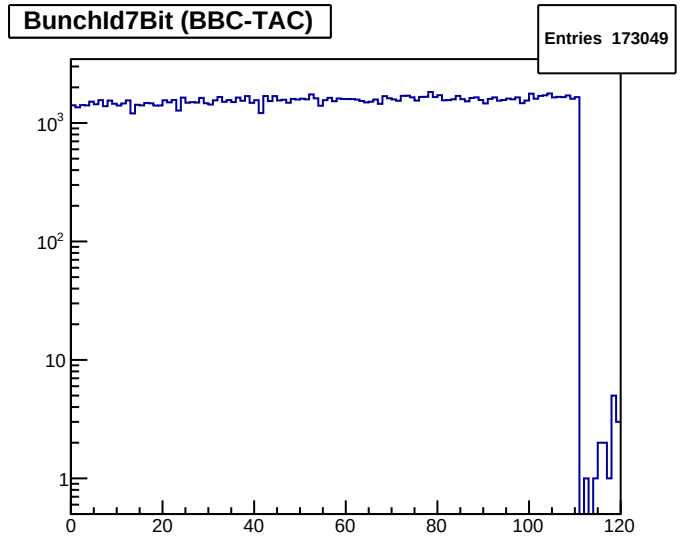
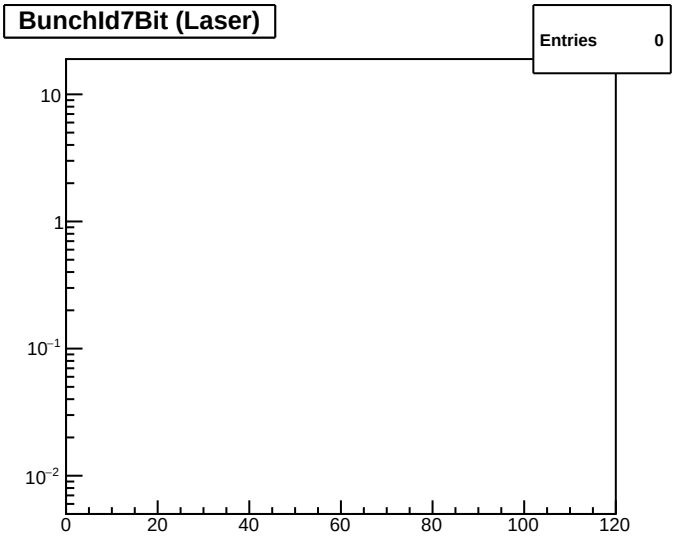
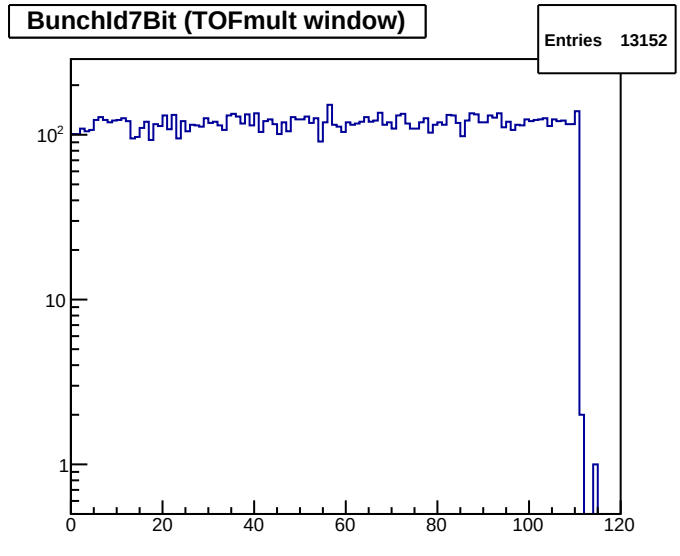

BunchId7Bit (VPD-TAC)
Entries 201375

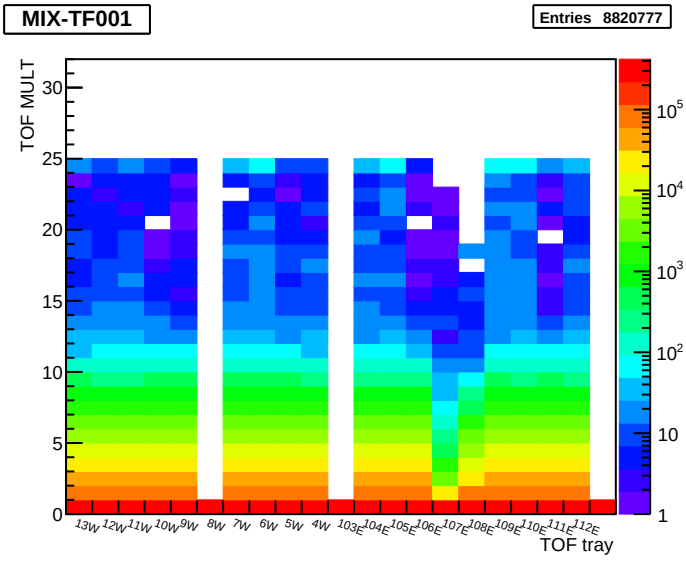

BunchId7Bit (ZDC-TAC)
Entries 842

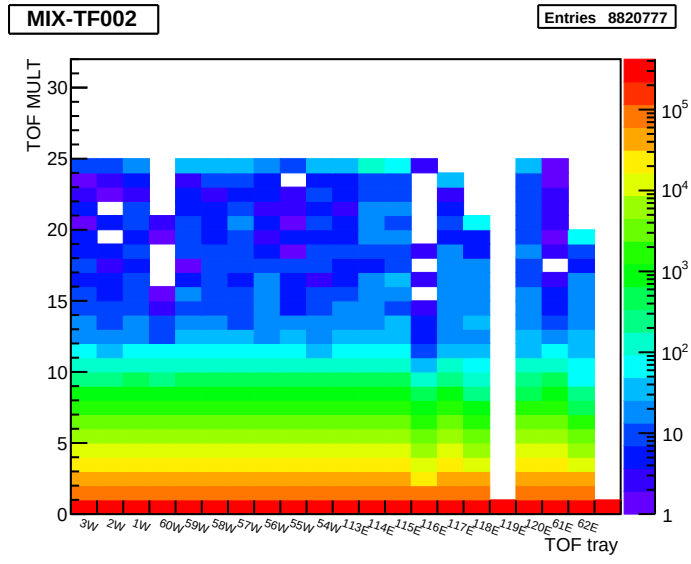

BunchId7Bit (EPD-TAC)
Entries 358501

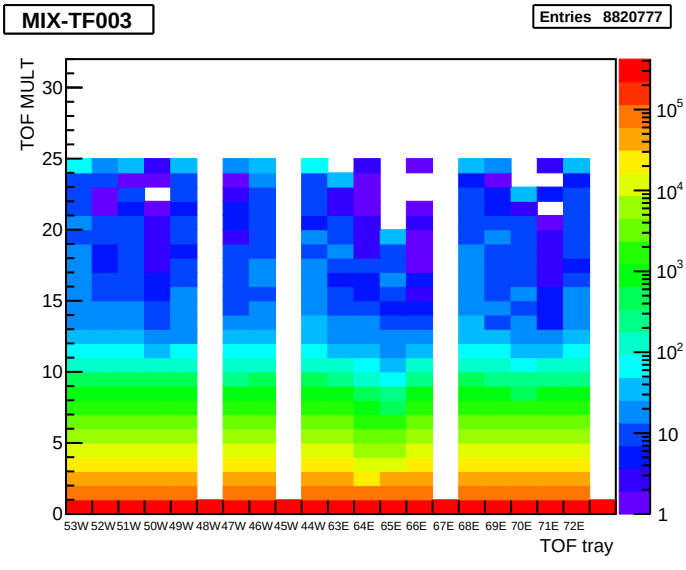

BunchId7Bit (BBC-TAC)
Entries 173049

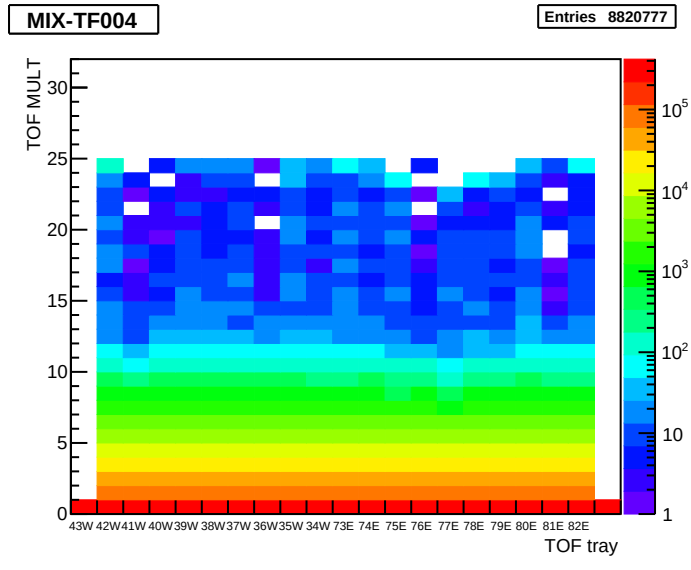

BunchId7Bit (Laser)
Entries 0

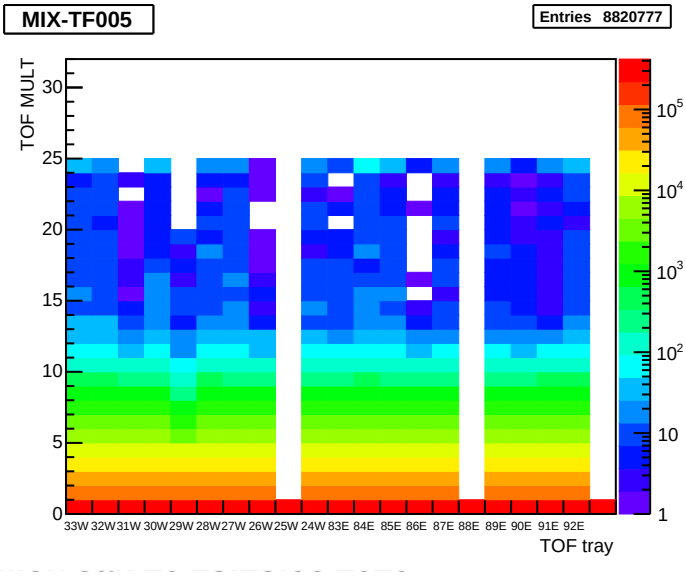

BunchId7Bit (TOFmult window)
Entries 13152

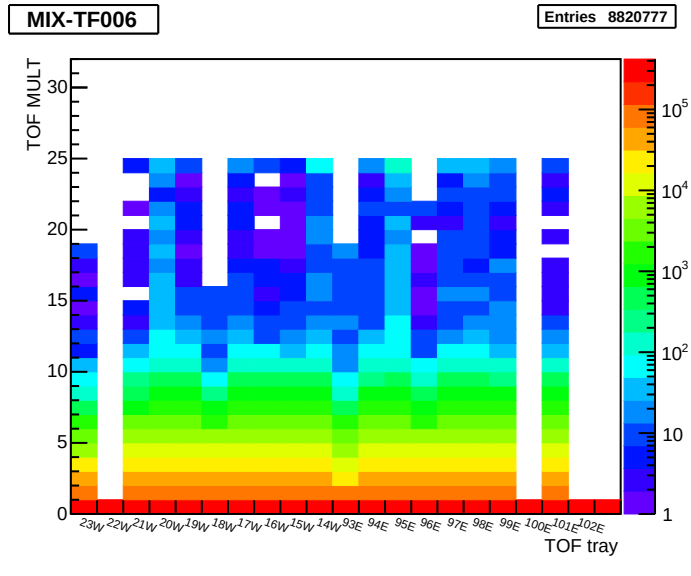

MIX-TF001
Entries 8820777
TOF MULT
TOF tray

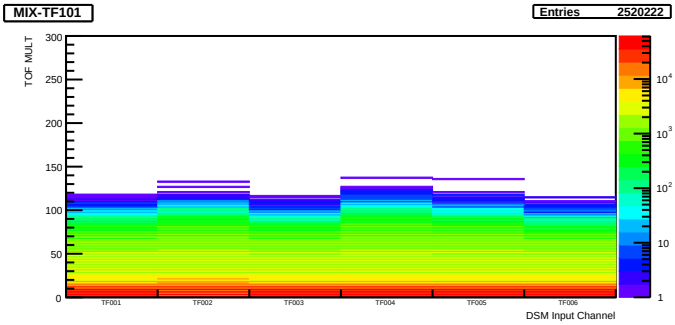

MIX-TF002
Entries 8820777
TOF MULT
TOF tray

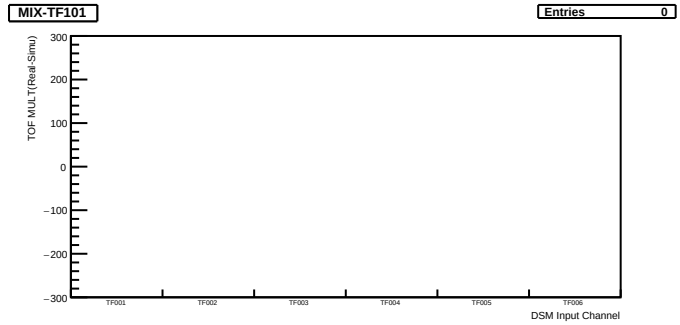

MIX-TF003
Entries 8820777
TOF MULT
TOF tray

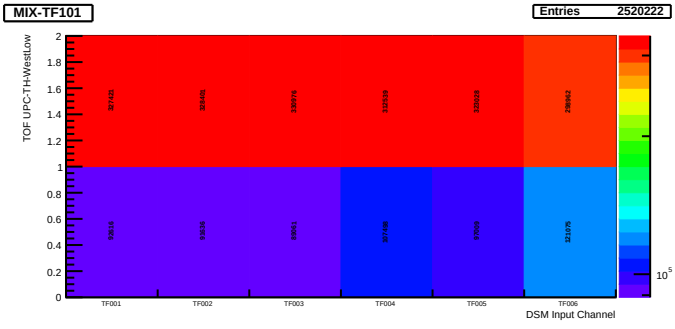

MIX-TF004
Entries 8820777
TOF MULT
TOF tray

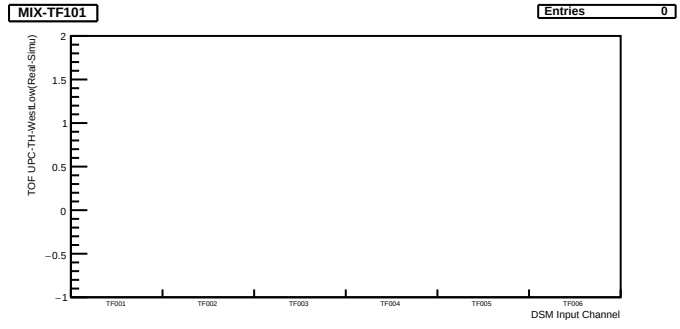

MIX-TF005
Entries 8820777
TOF MULT
TOF tray

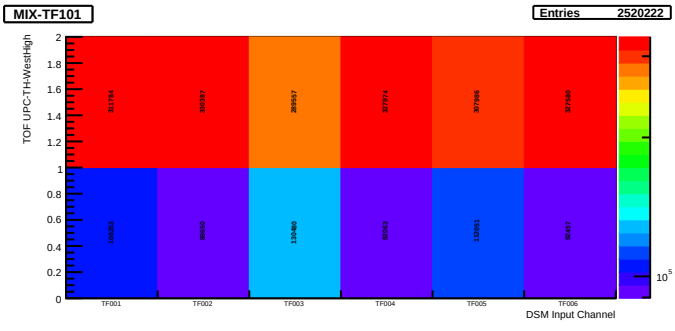

MIX-TF006
Entries 8820777
TOF MULT
TOF tray

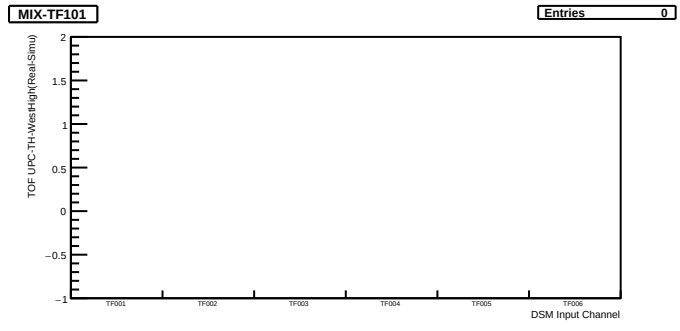

MIX-TF101
Entries 2520222
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

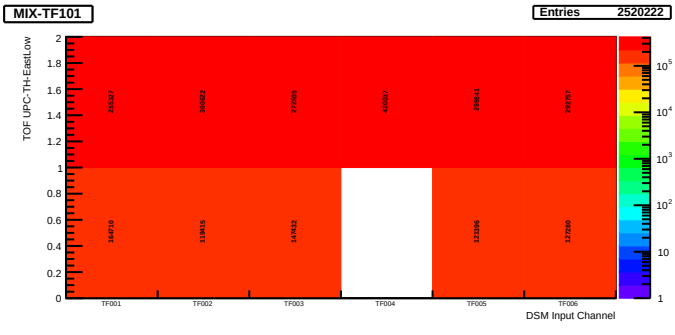

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

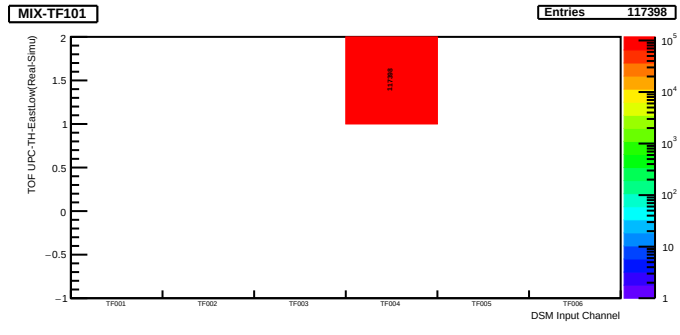

MIX-TF101
Entries 2520222
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

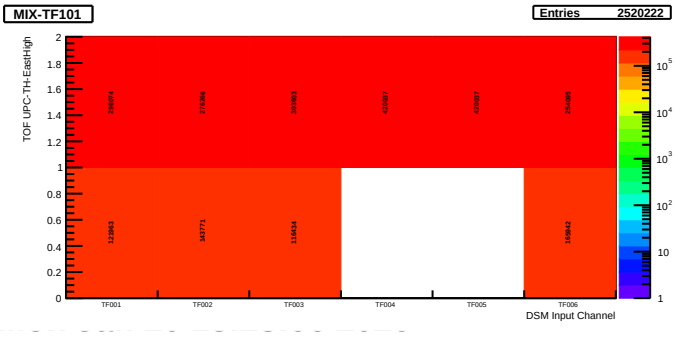

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

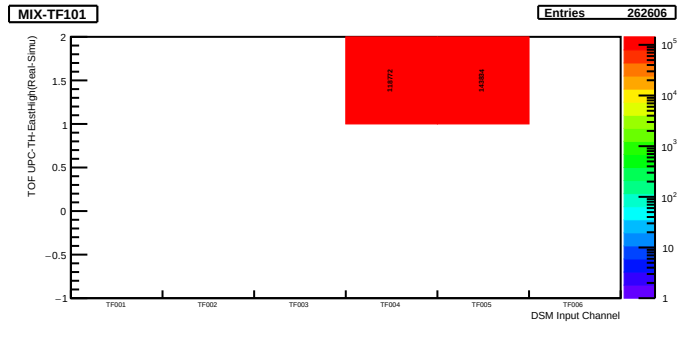

MIX-TF101
Entries 2520222
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

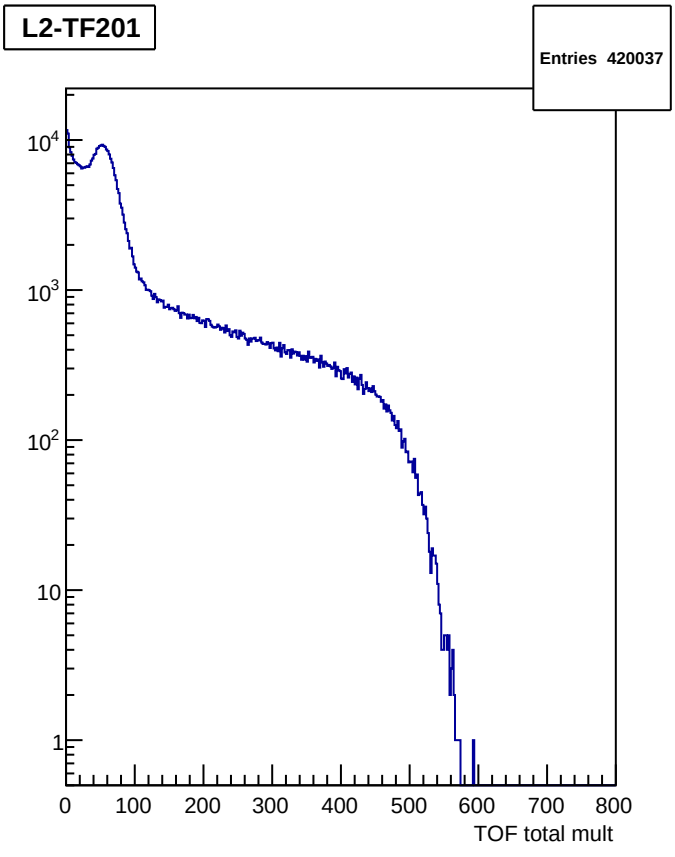

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

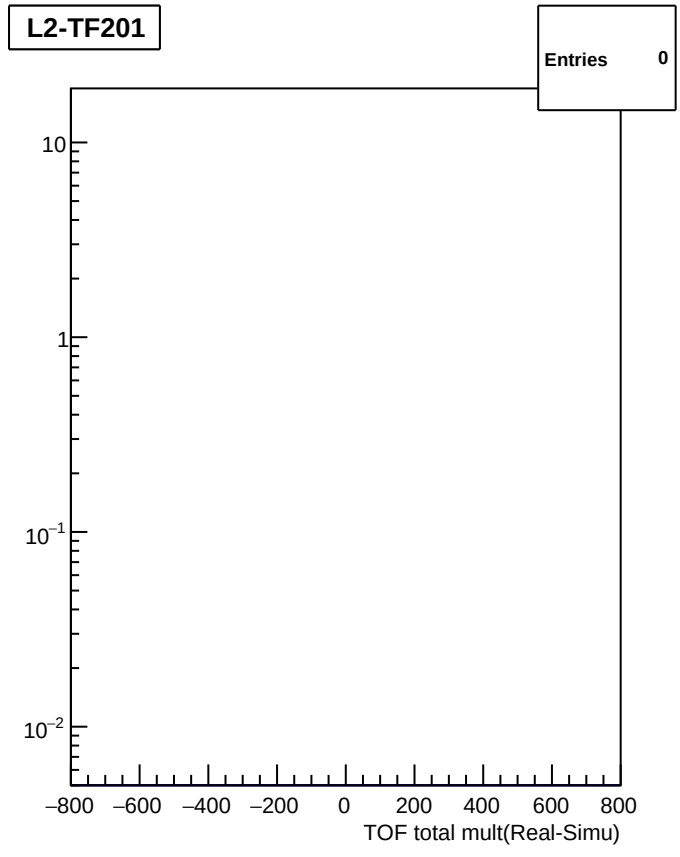

MIX-TF101
Entries 2520222
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

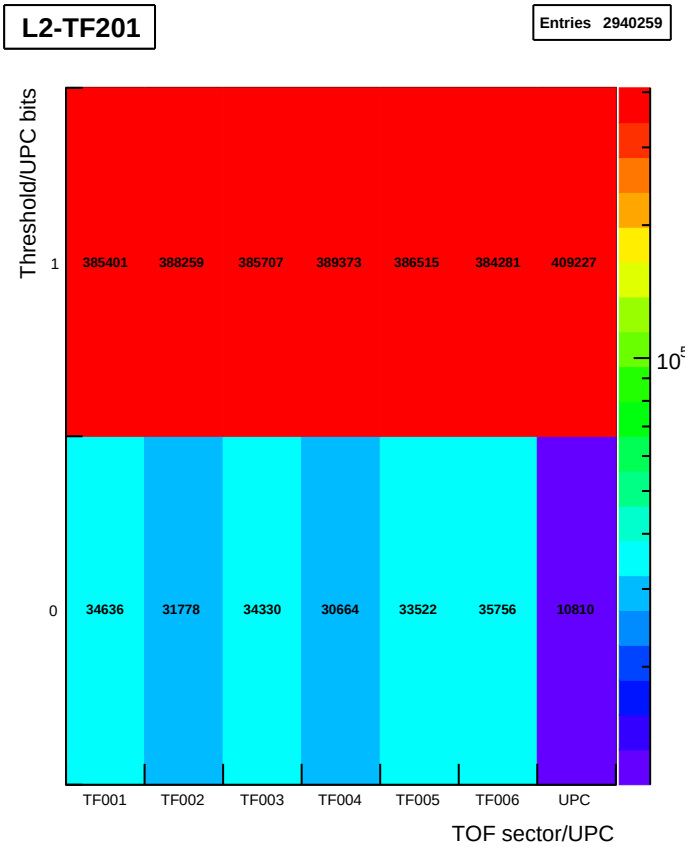

MIX-TF101
Entries 117398
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

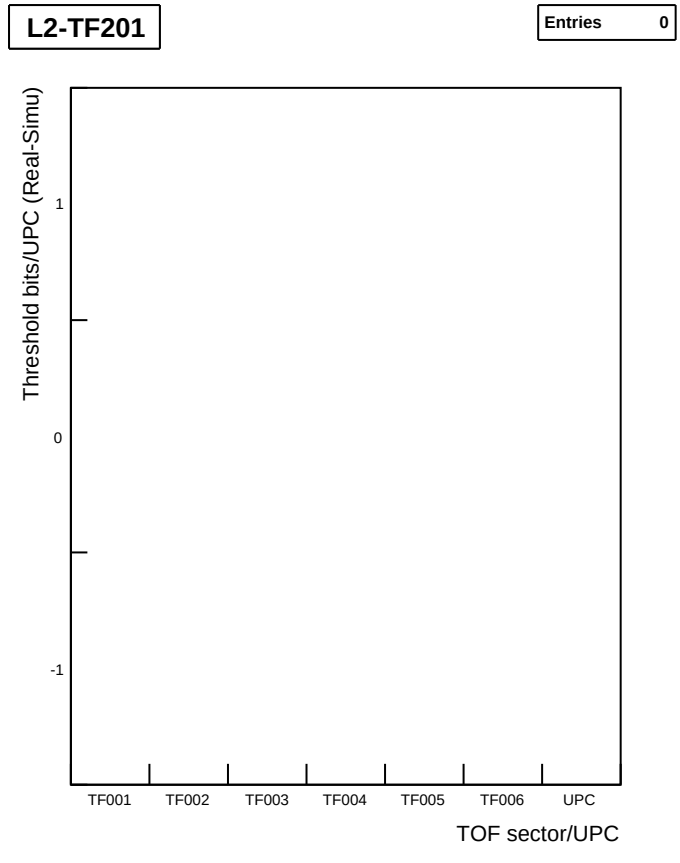

MIX-TF101
Entries 2520222
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

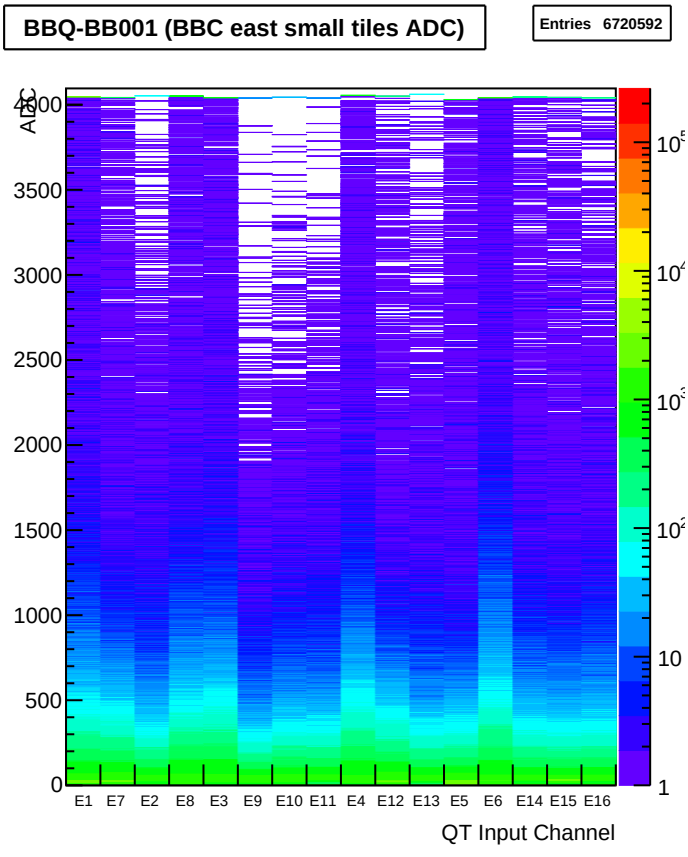

MIX-TF101
Entries 262606
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

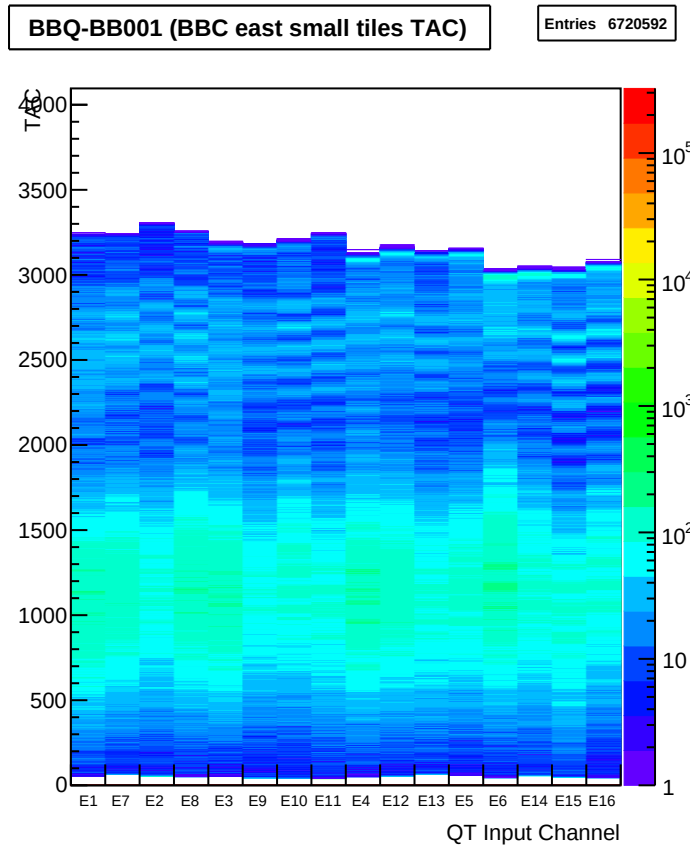

L2-TF201
Entries 420037
TOF total mult

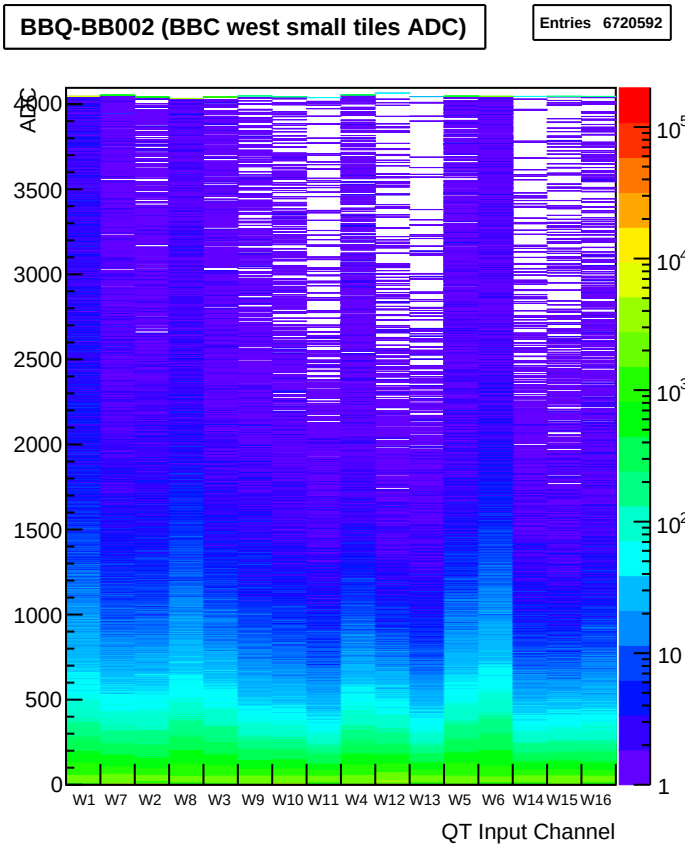

L2-TF201
Entries 0
TOF total mult(Real-Simu)

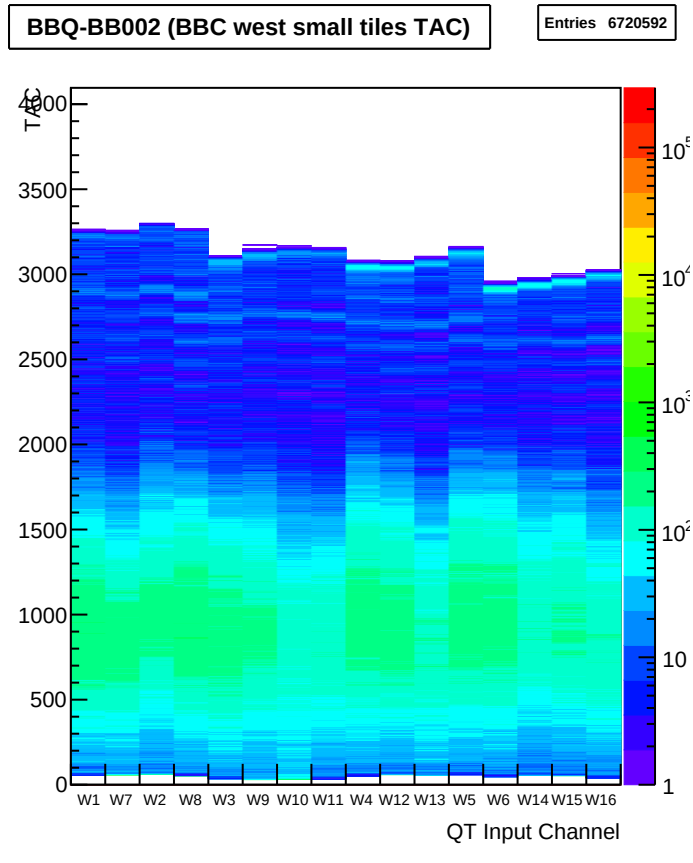

L2-TF201
Entries 2940259
Threshold/UPC bits
385401
388259
385707
389373
386515
384281
409227
34636
31778
34330
30664
33522
35756
10810
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

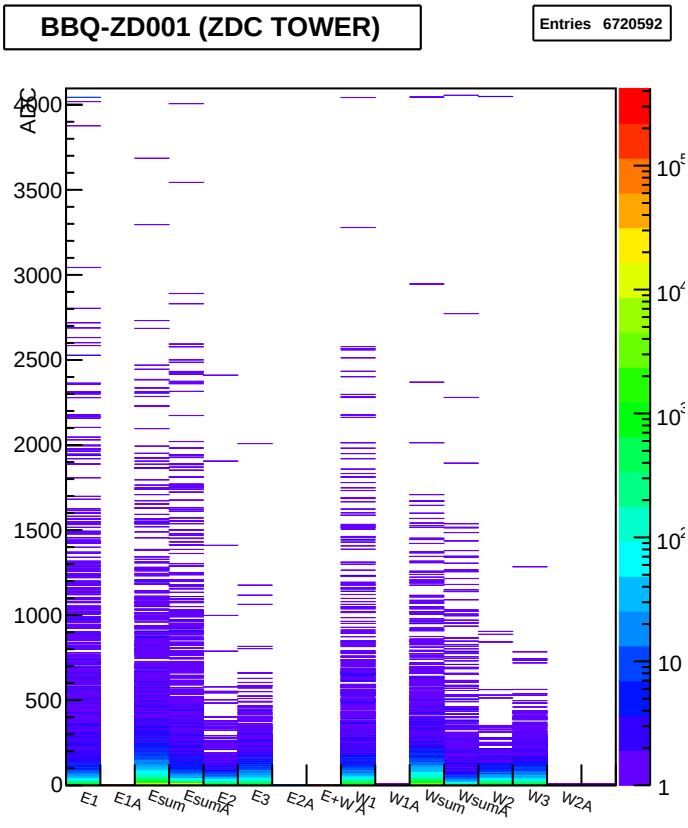

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

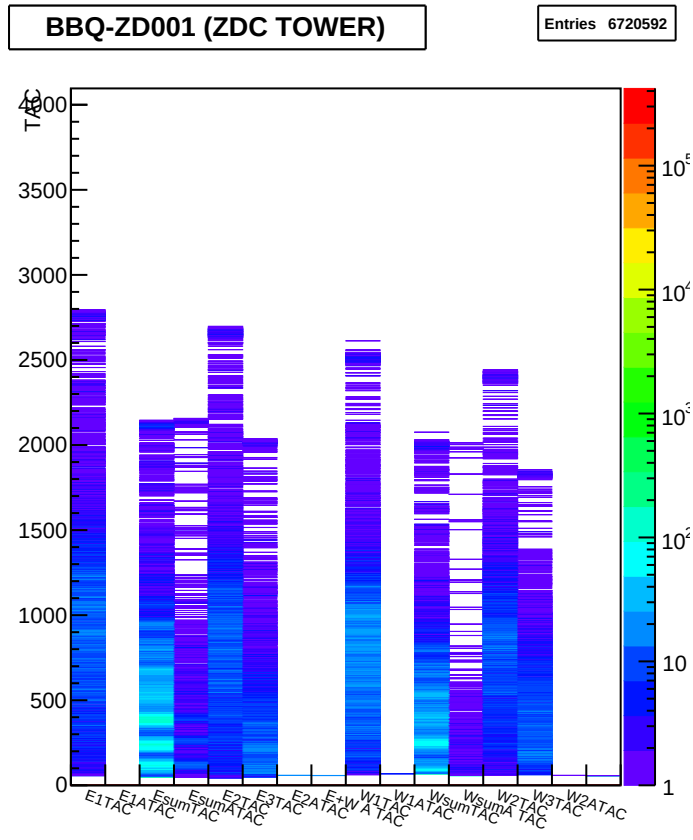

BBQ-BB001 (BBC east small tiles ADC)
Entries 6720592
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

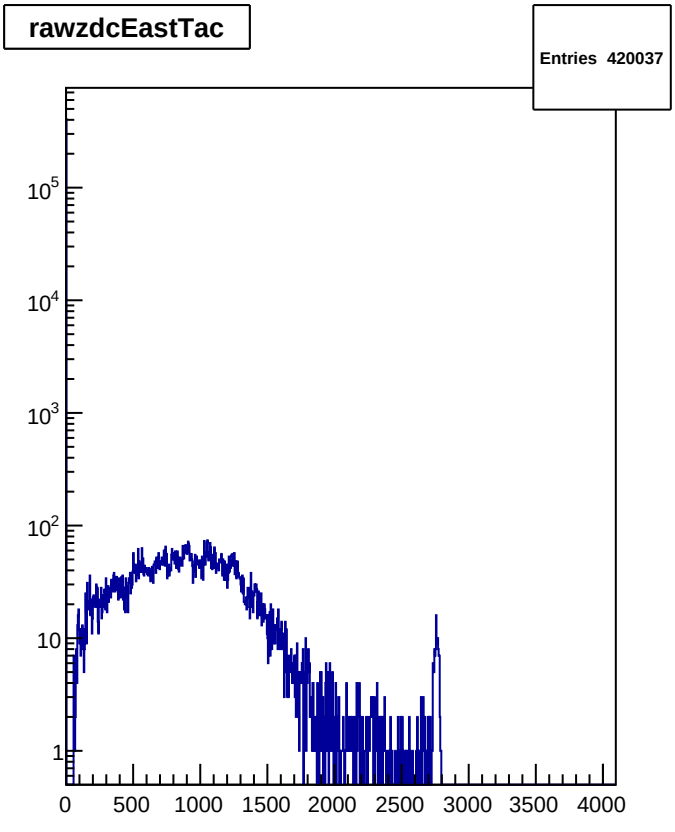

BBQ-BB001 (BBC east small tiles TAC)
Entries 6720592
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

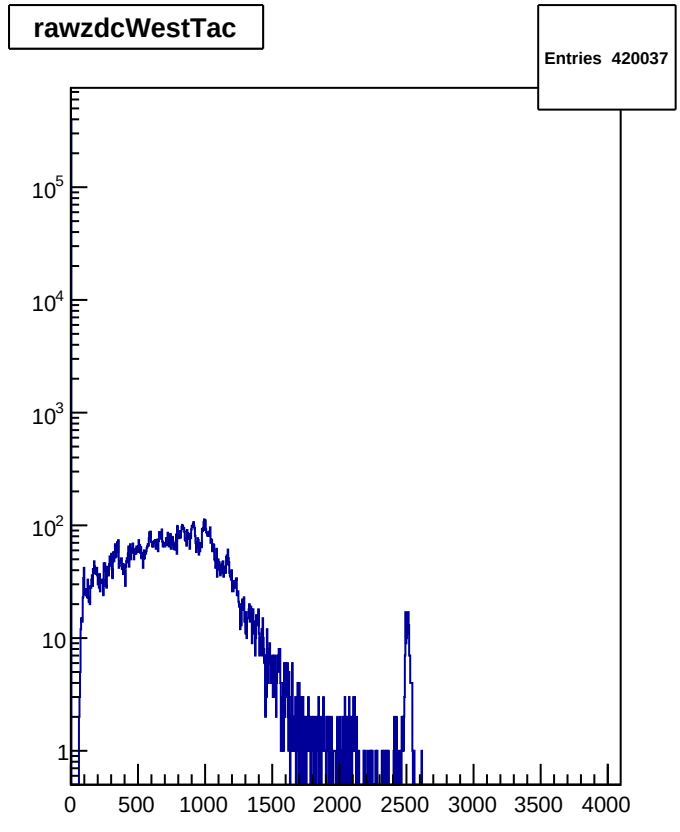

BBQ-BB002 (BBC west small tiles ADC)
Entries 6720592
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

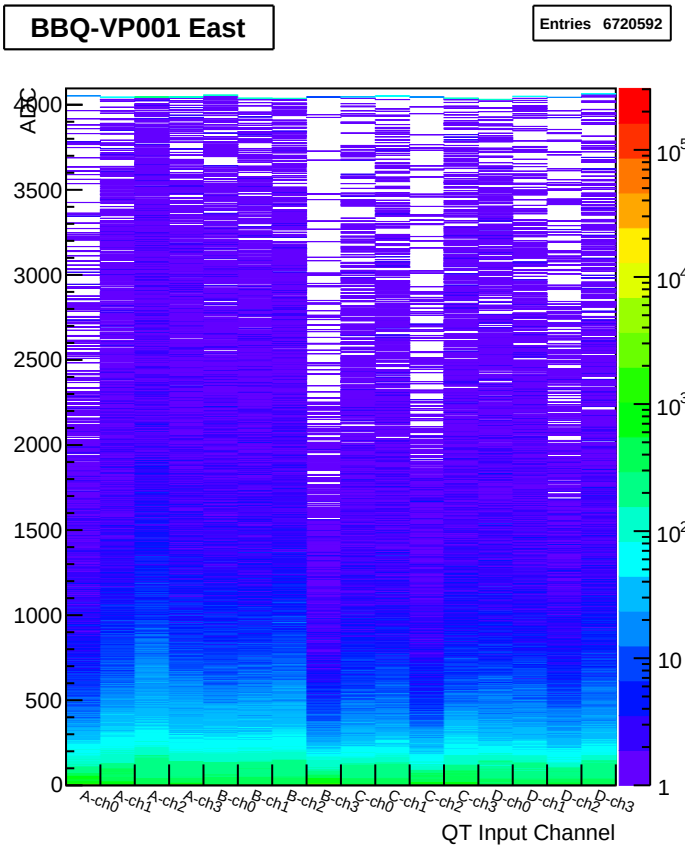

BBQ-BB002 (BBC west small tiles TAC)
Entries 6720592
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

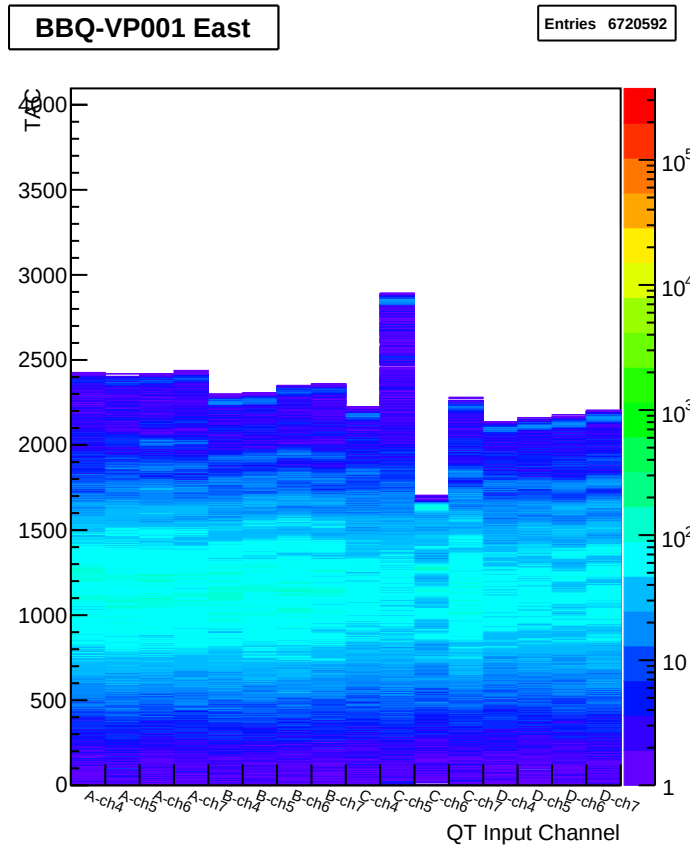

BBQ-ZD001 (ZDC TOWER)
Entries 6720592
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

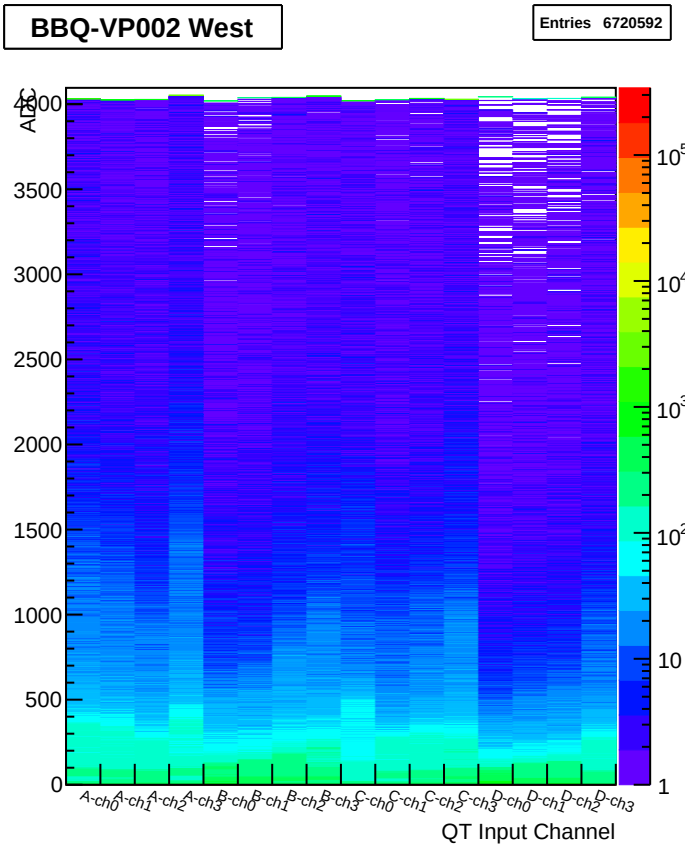

BBQ-ZD001 (ZDC TOWER)
Entries 6720592
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

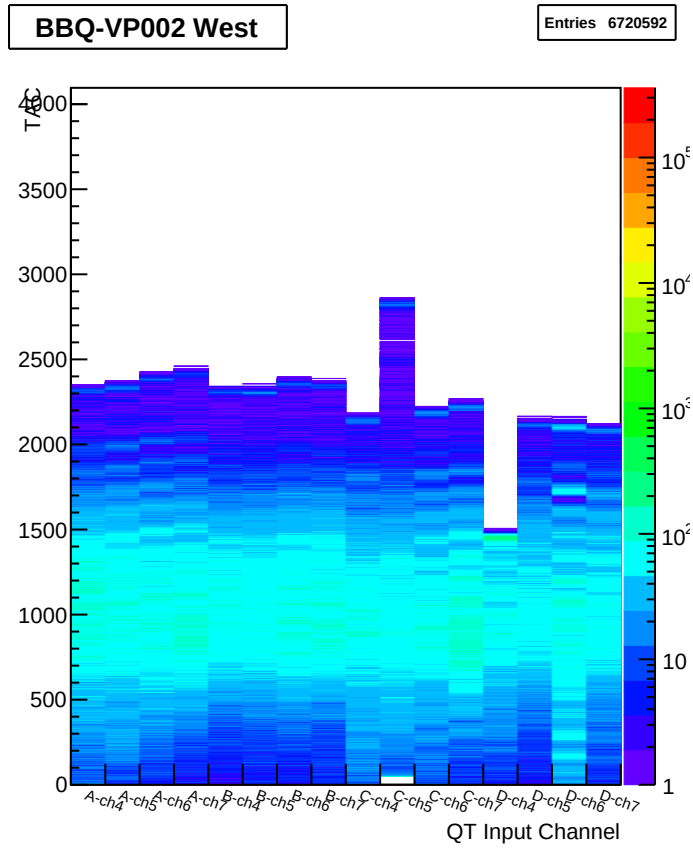

rawzdcEastTac
Entries 420037

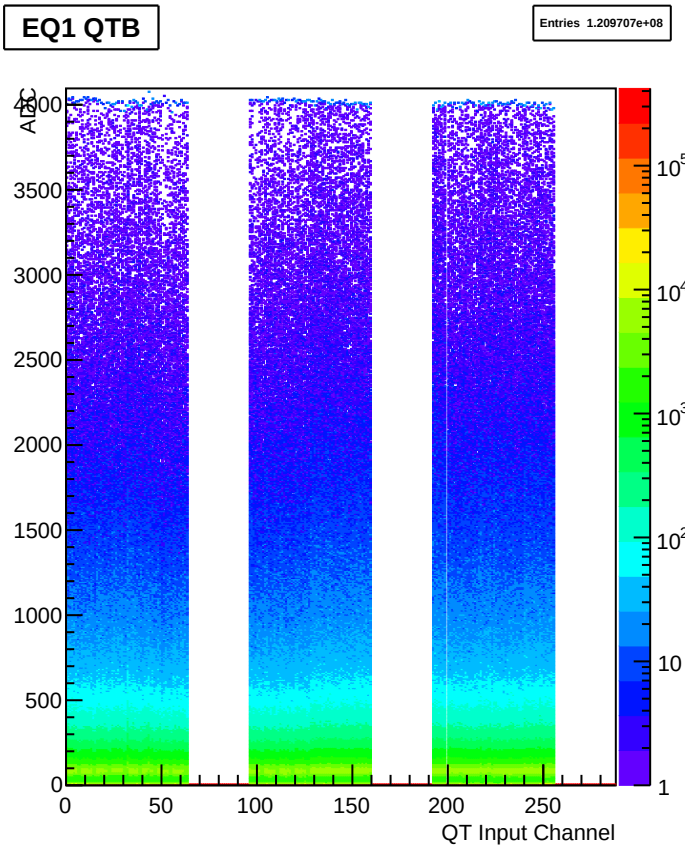

rawzdcWestTac
Entries 420037

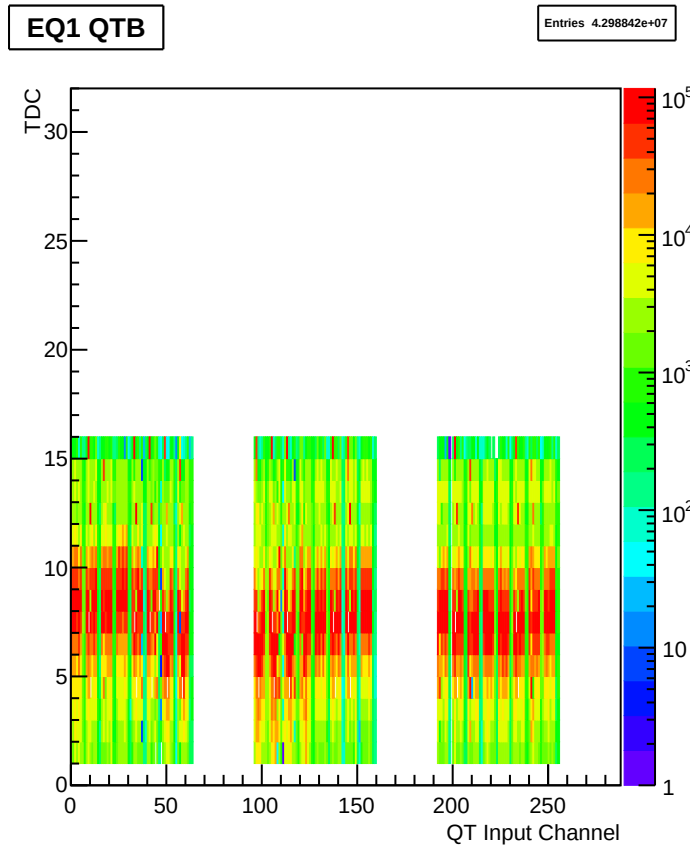

BBQ-VP001 East
Entries 6720592
ADC
QT Input Channel

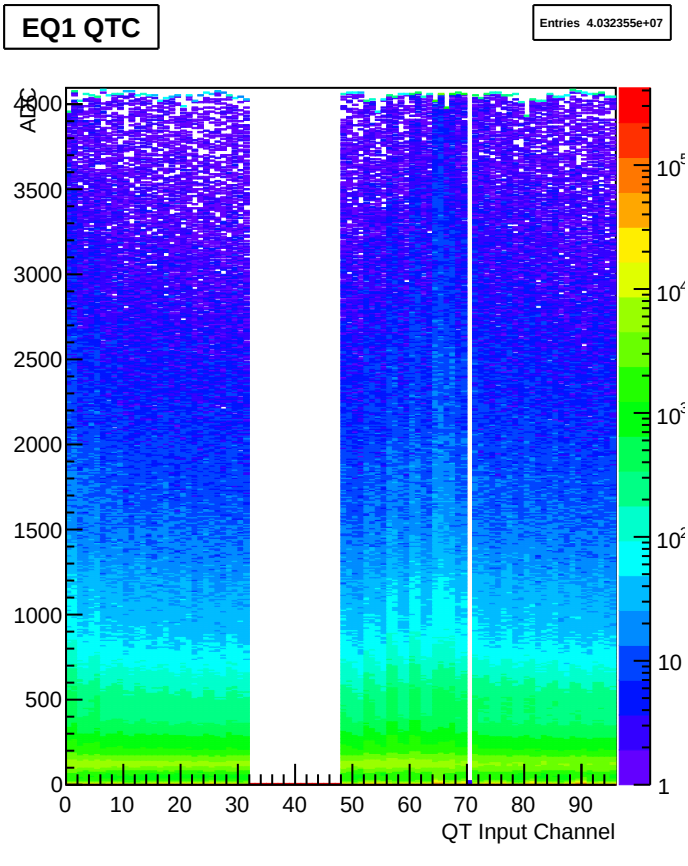

BBQ-VP001 East
Entries 6720592
TADC
QT Input Channel

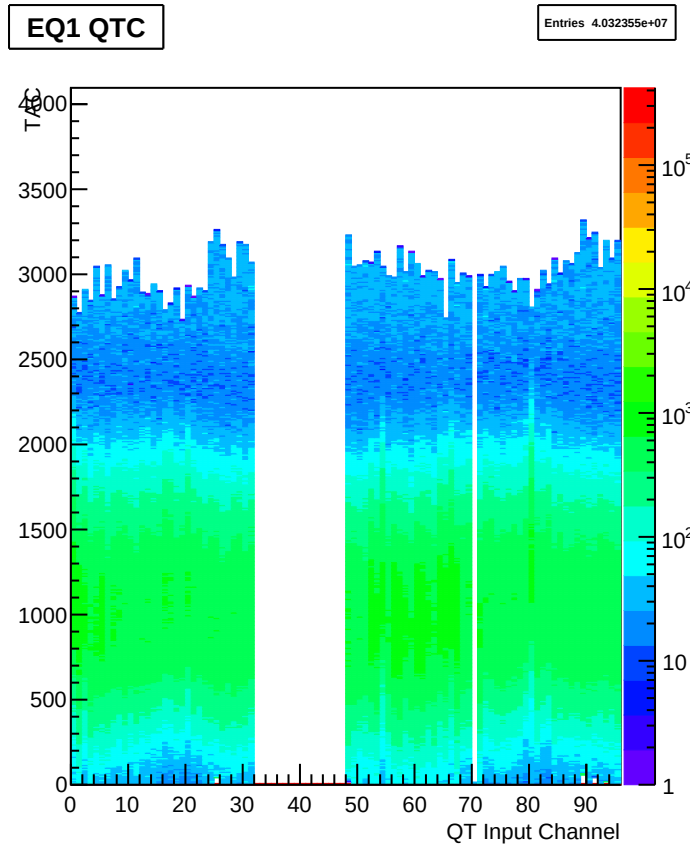

BBQ-VP002 West
Entries 6720592
ADC
QT Input Channel

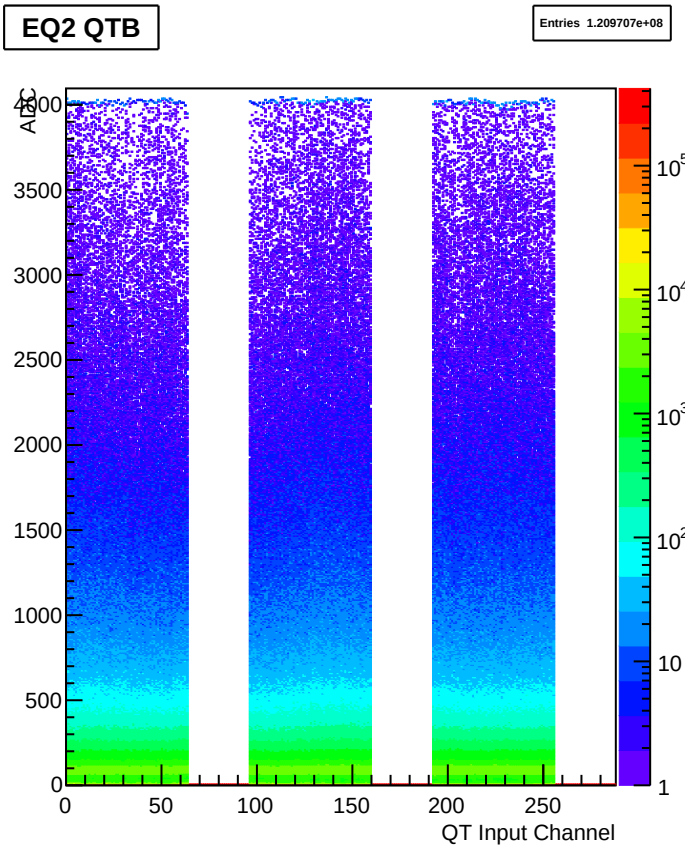

BBQ-VP002 West
Entries 6720592
TADC
QT Input Channel

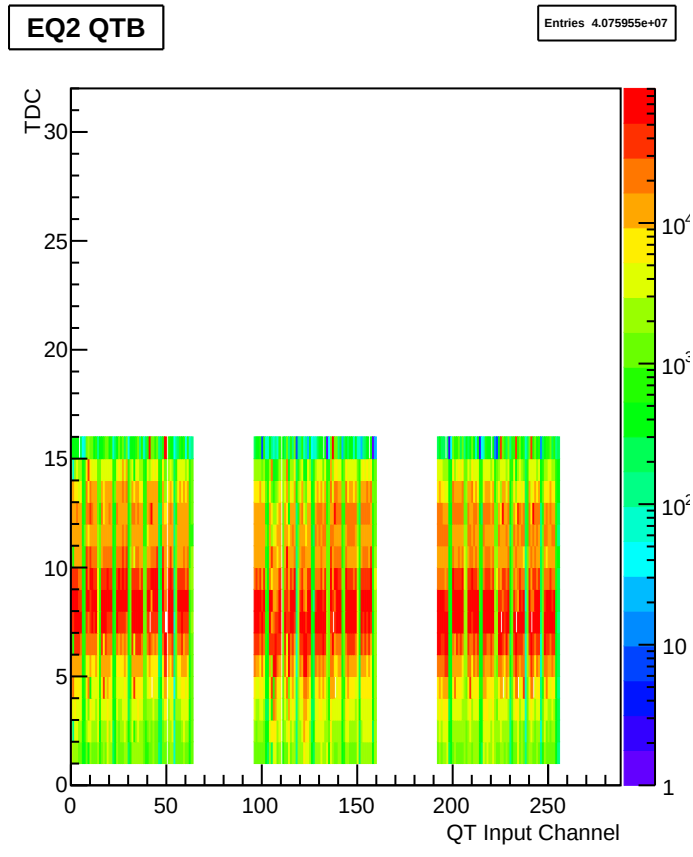

EQ1 QTB
Entries 1.209707e+08
ADC
QT Input Channel

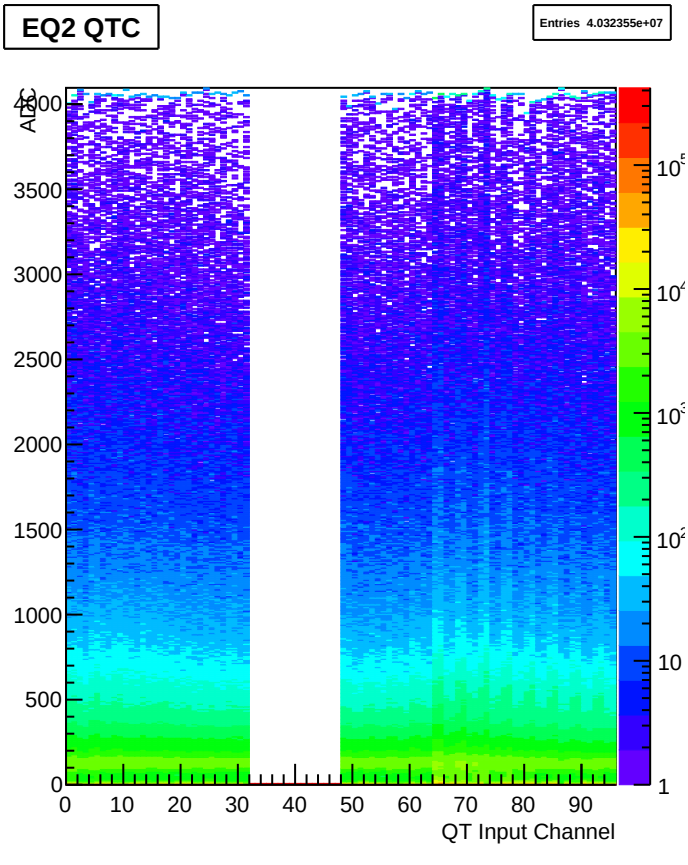

EQ1 QTB
Entries 4.298842e+07
TDC
QT Input Channel

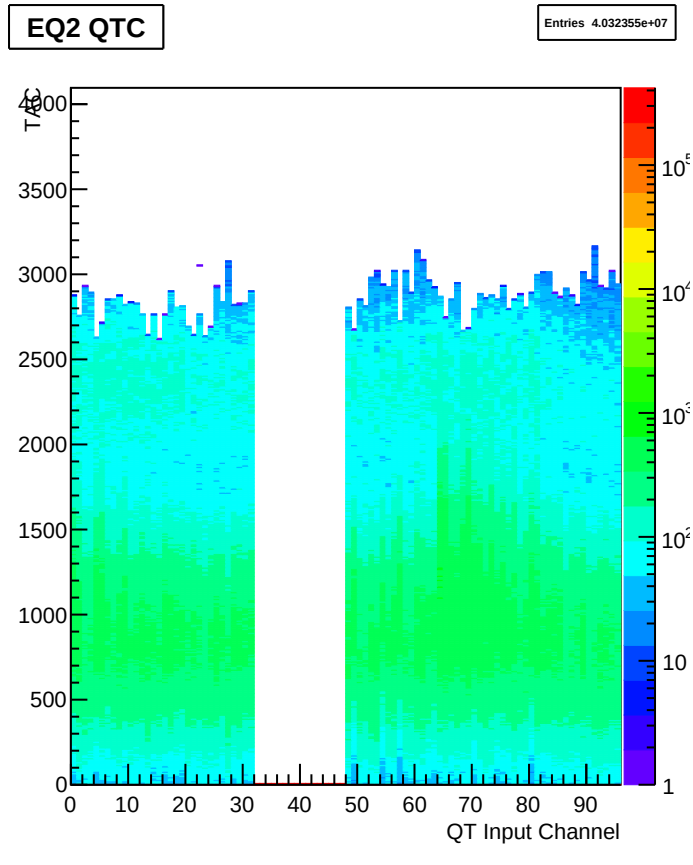

EQ1 QTC
Entries 4.032355e+07
ADC
QT Input Channel

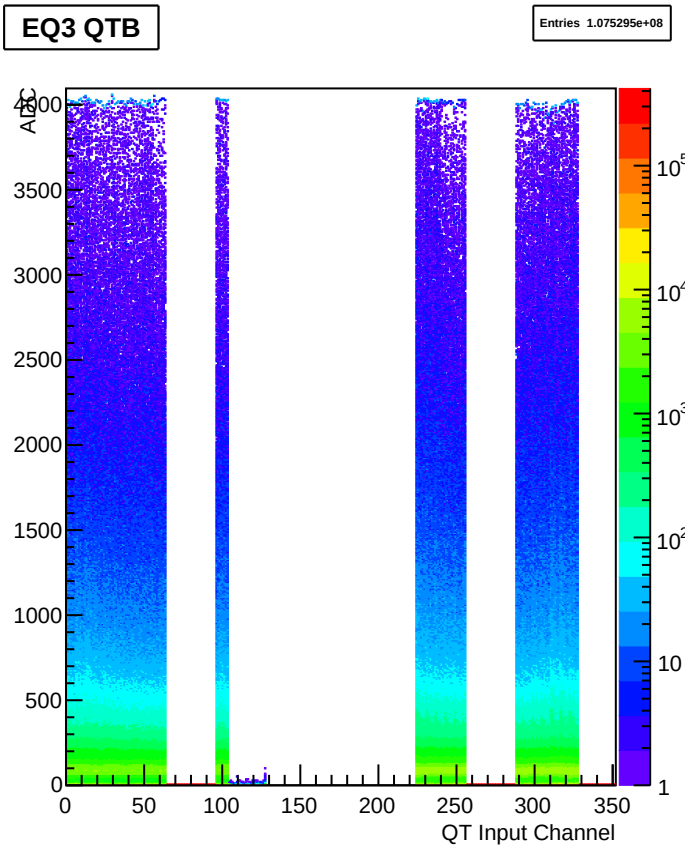

EQ1 QTC
Entries 4.032355e+07
TADC
QT Input Channel

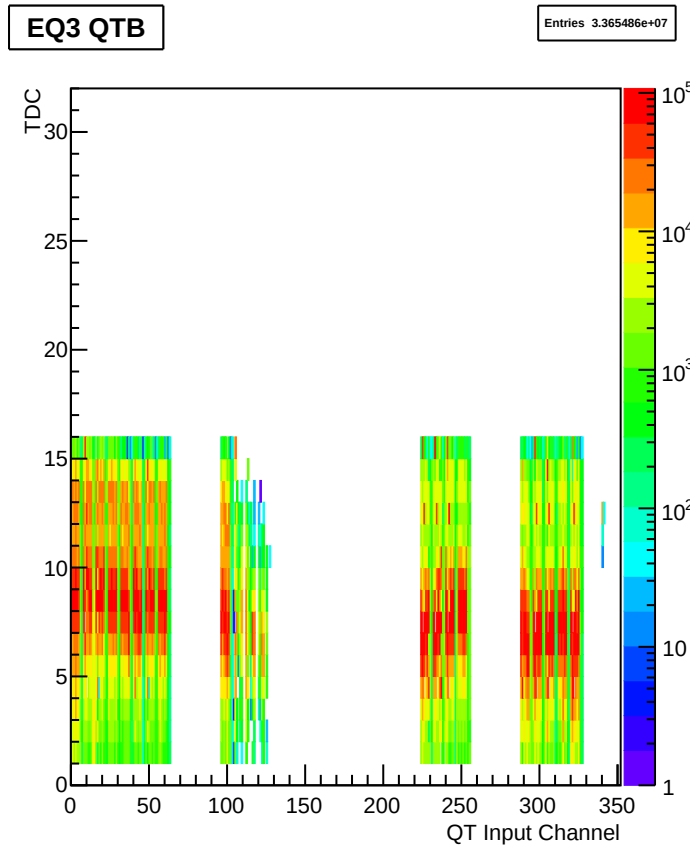

EQ2 QTB
Entries 1.209707e+08
ADC
QT Input Channel

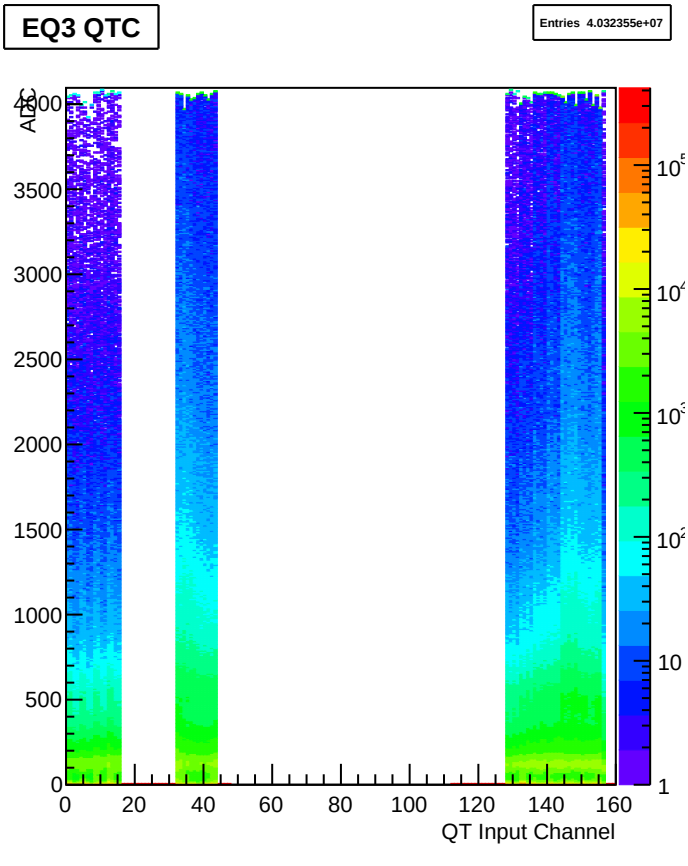

EQ2 QTB
Entries 4.075955e+07
TDC
QT Input Channel

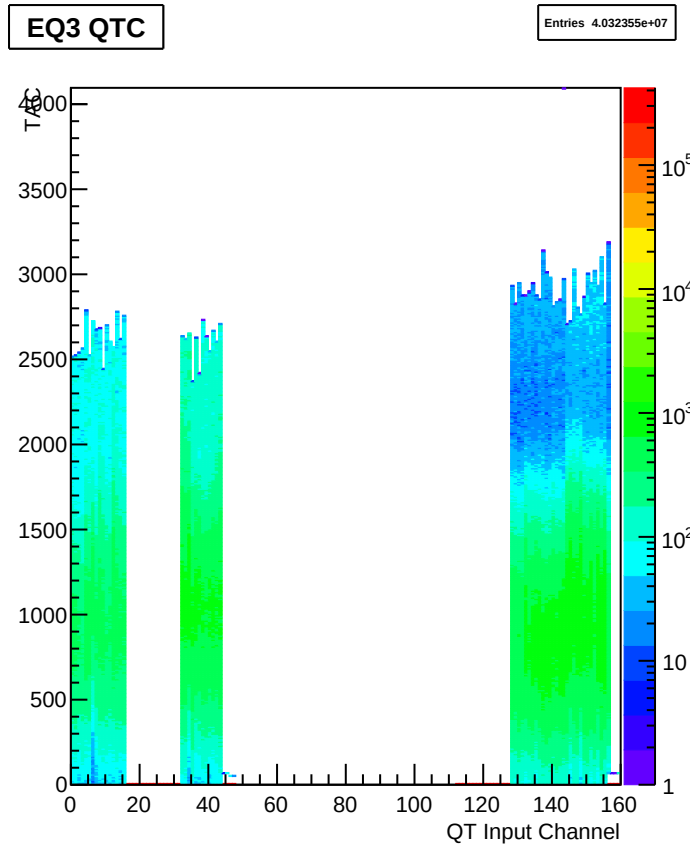

EQ2 QTC
Entries 4.032355e+07
ADC
QT Input Channel

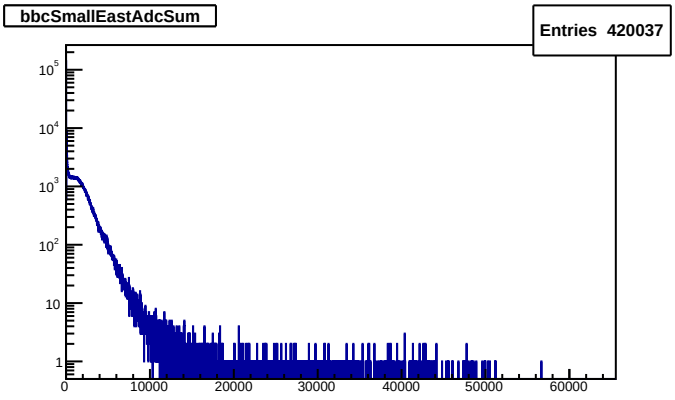

EQ2 QTC
Entries 4.032355e+07
TADC
QT Input Channel

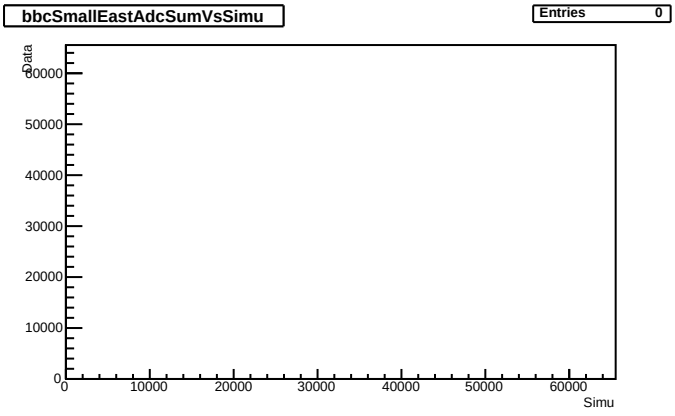

EQ3 QTB
Entries 1.075295e+08
ADC
QT Input Channel

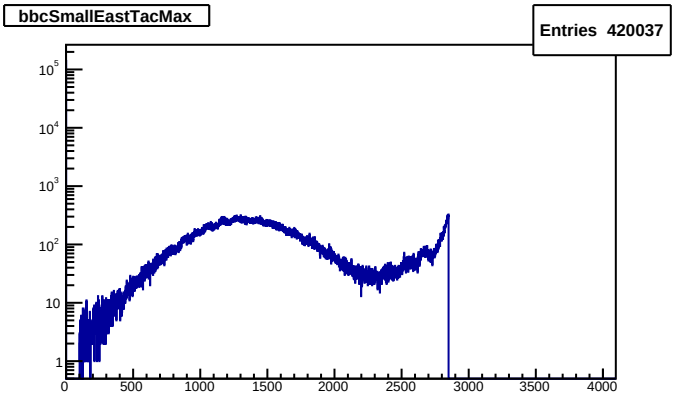

EQ3 QTB
Entries 3.365486e+07
TDC
QT Input Channel

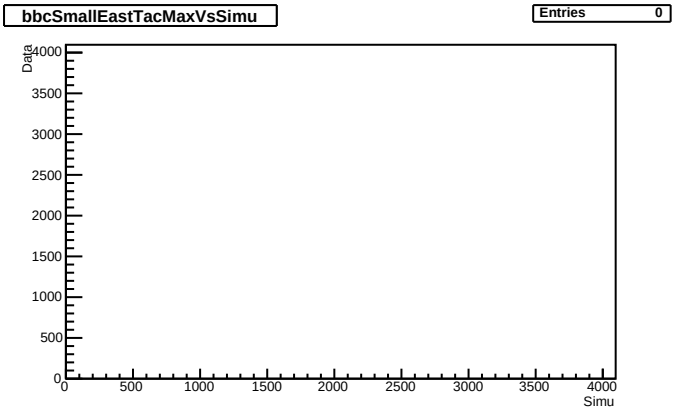

EQ3 QTC
Entries 4.032355e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.032355e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 420037


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 420037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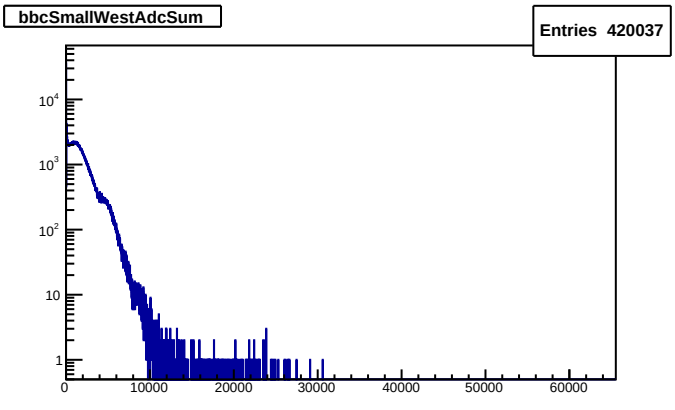
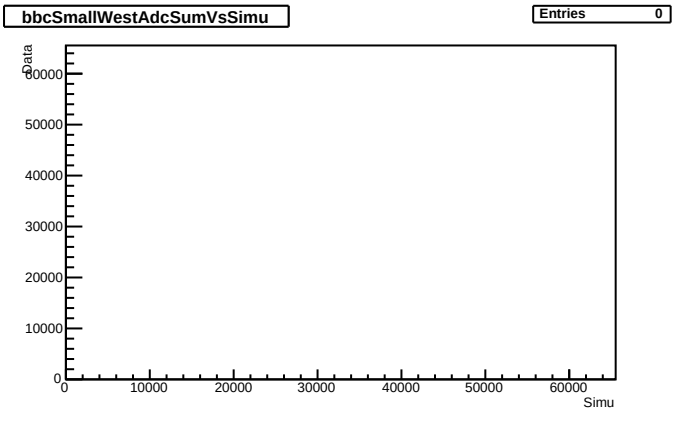
Entries 0
Data
Simu


bbcSmallWestAdcSum
Entries 420037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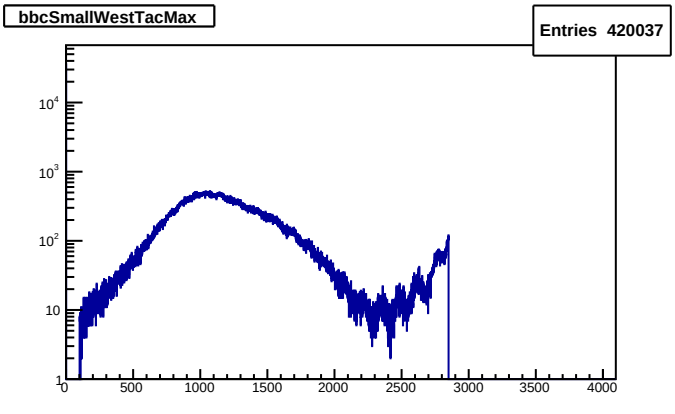
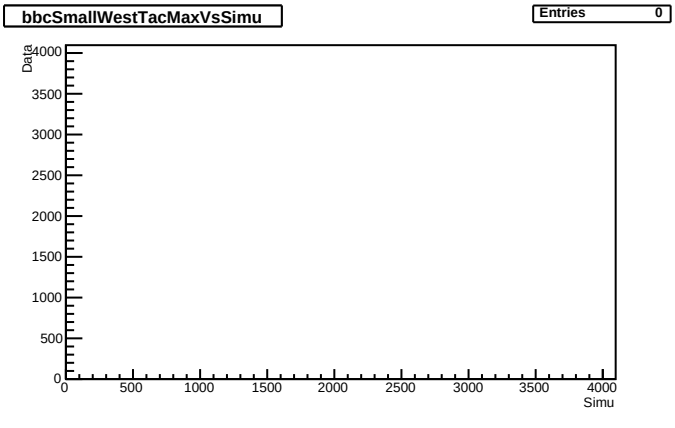
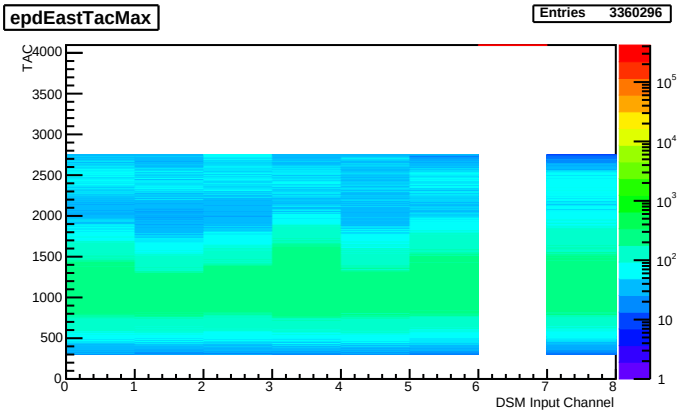
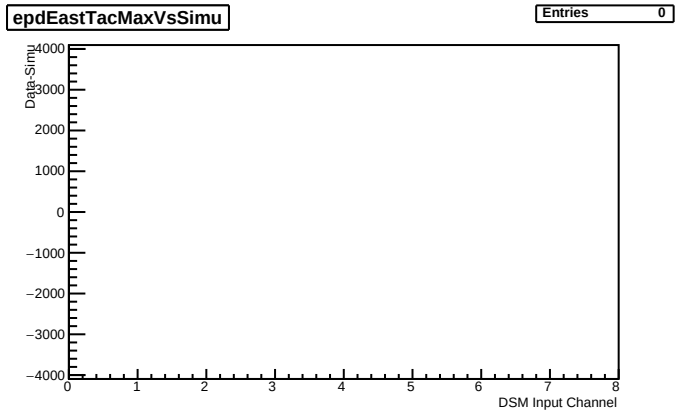
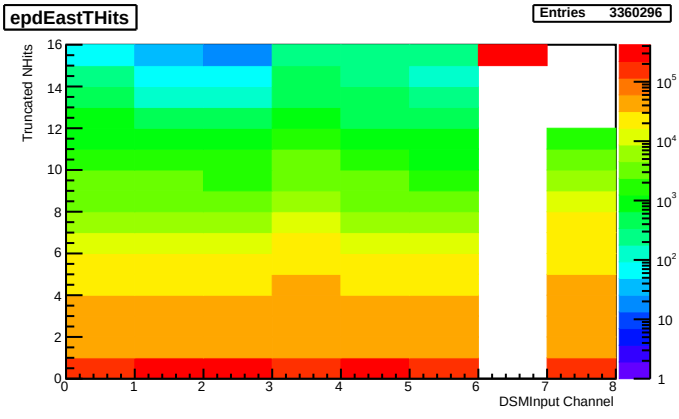
Entries 0
Data
Simu

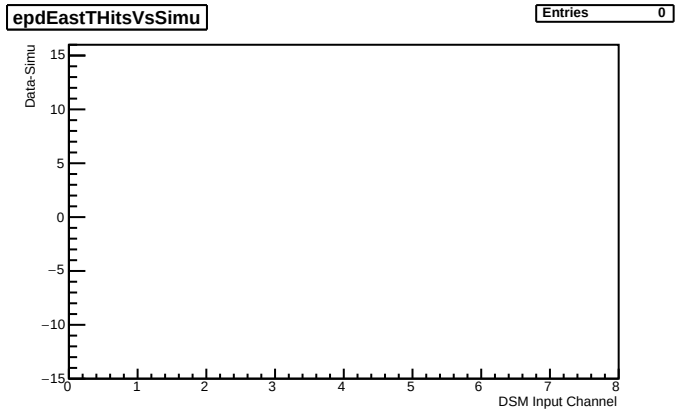

bbcSmallWestTacMax
Entries 420037


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 3360296
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3360296
Truncated NHits
DSMInput Channel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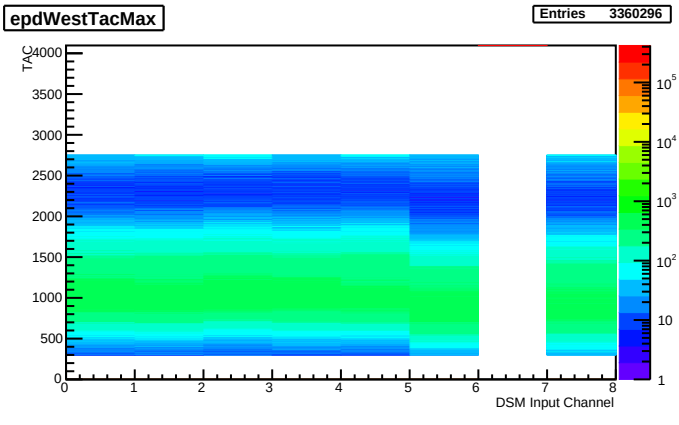
Data-Simu
DSM Input Channel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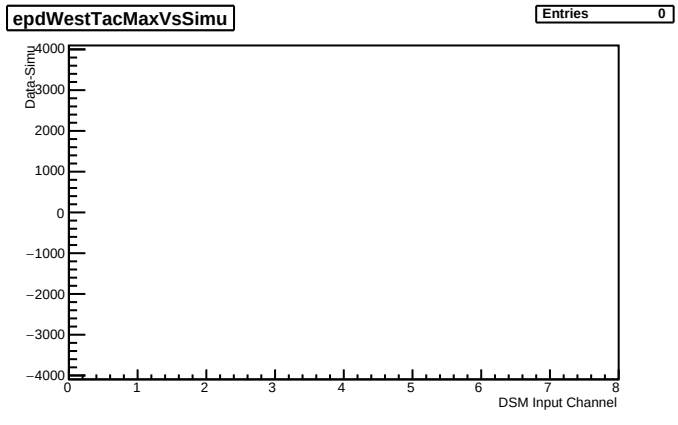
Entries 3360296
TAC
DSM Input Channel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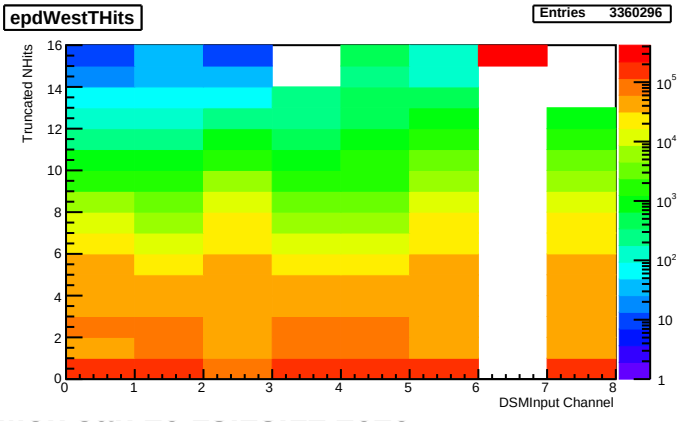
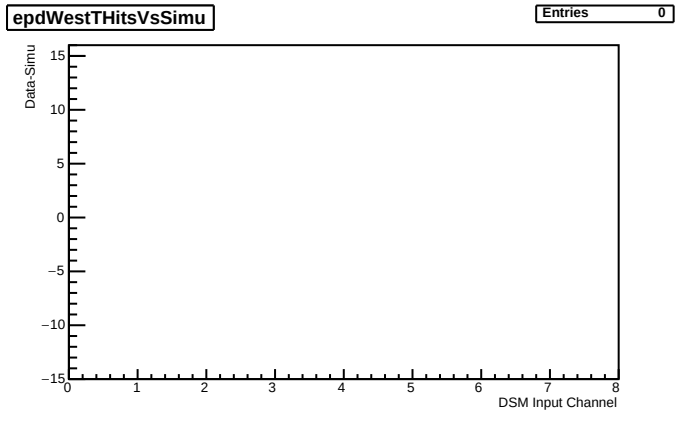
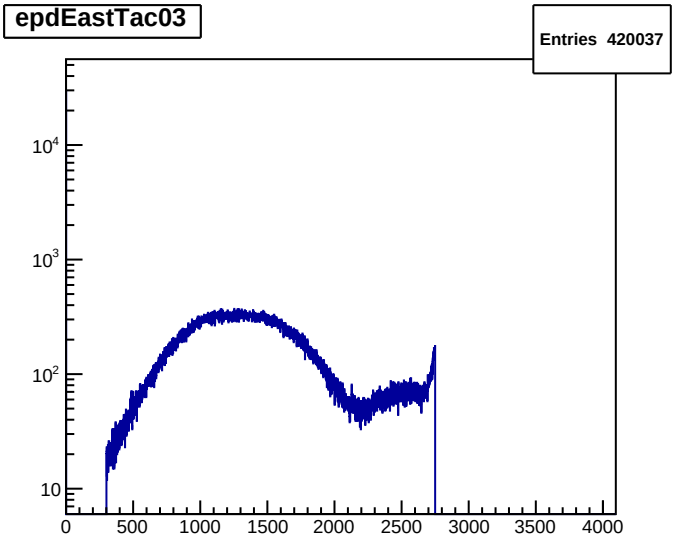
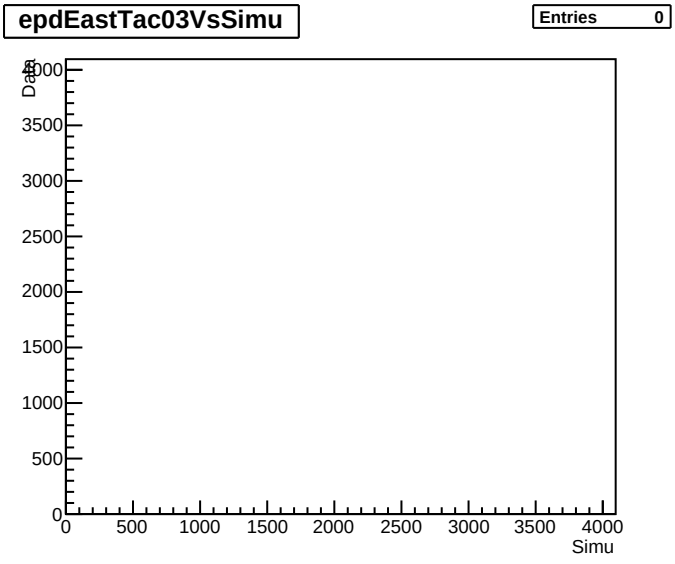
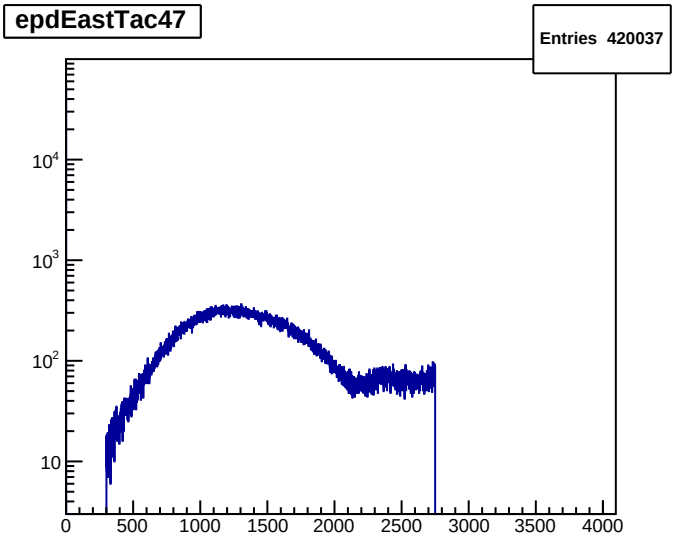
Entries 0
Data-Simu
DSM Input Channel

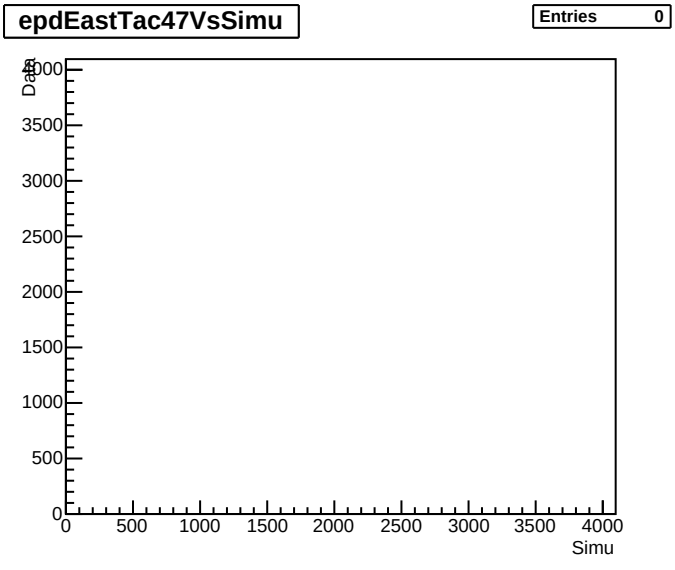

epdWestTHits
Entries 3360296
Truncated NHits
DSMInput Channel

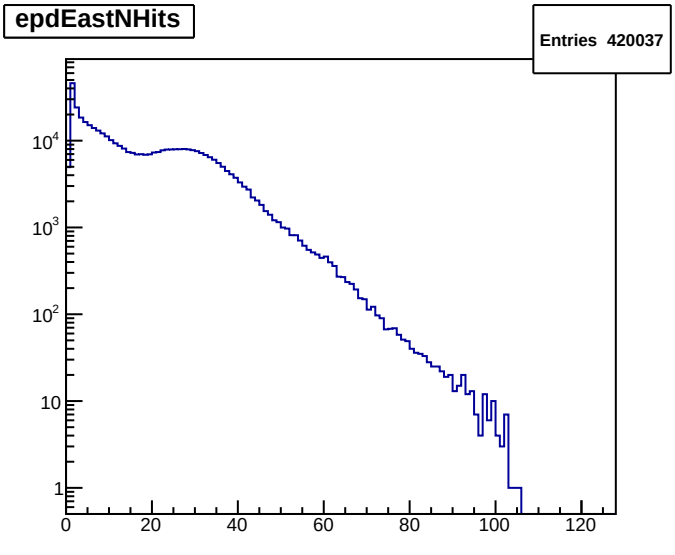

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

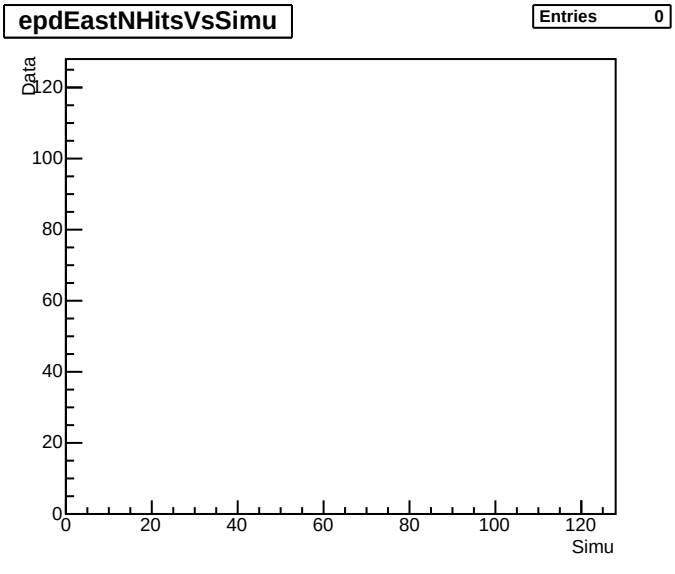

epdEastTac03
Entries 420037


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 420037


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 420037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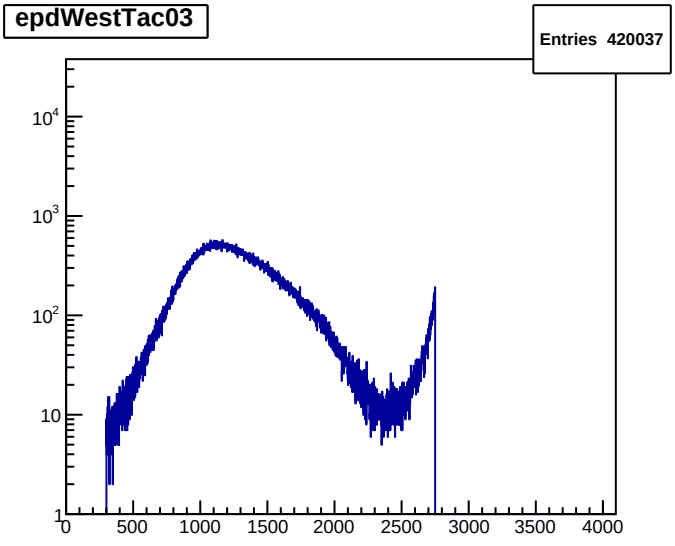
Entries 0
Data
Simu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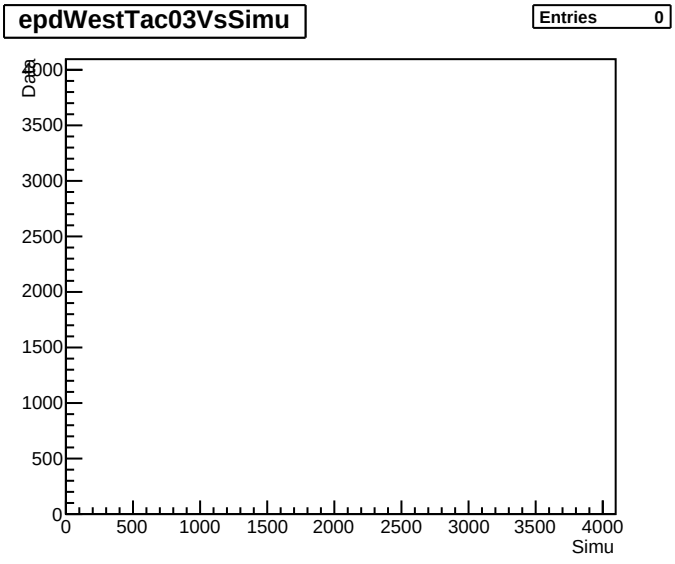
Entries 420037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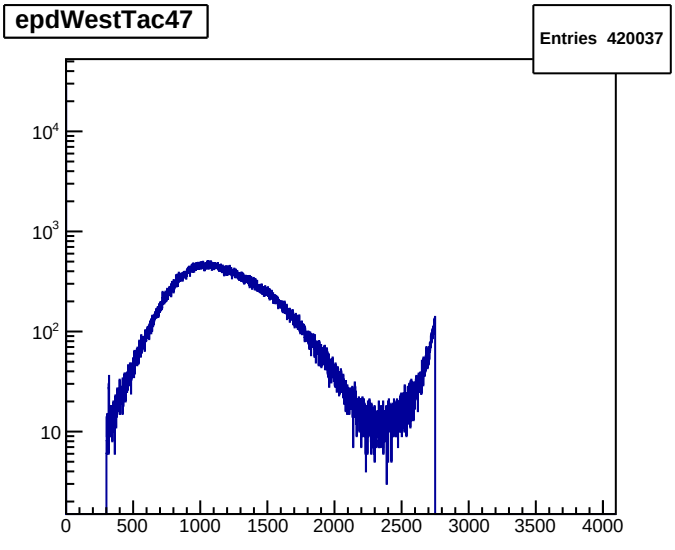
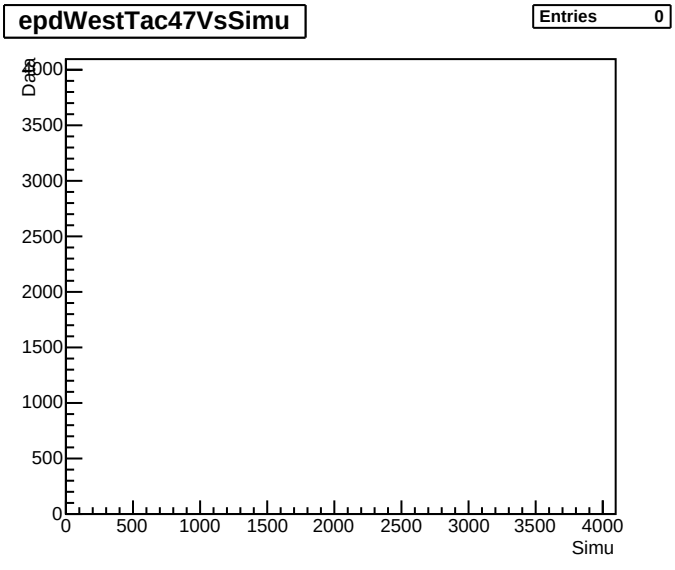
Entries 0
Data
Simu


epdWestTac47
Entries 420037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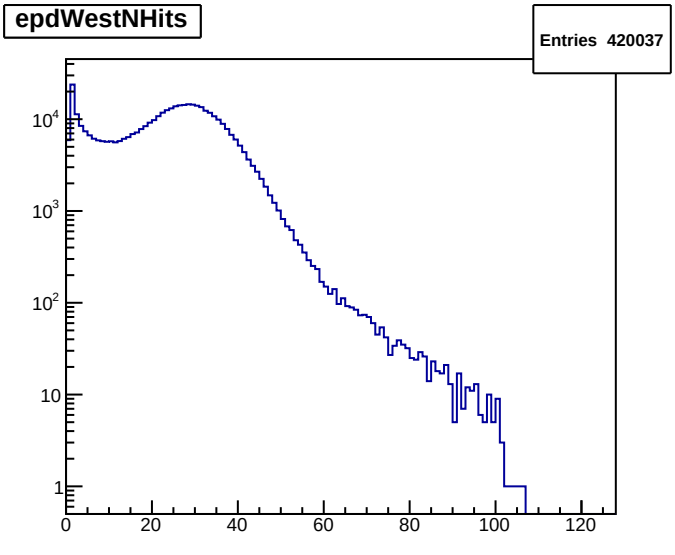
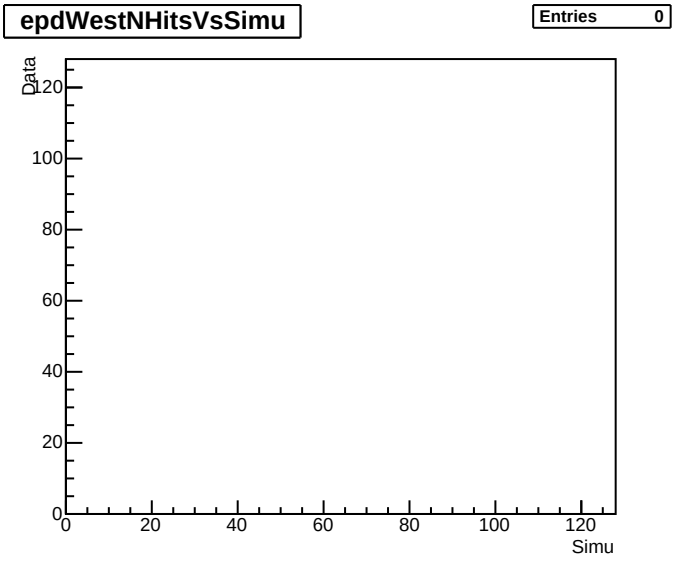
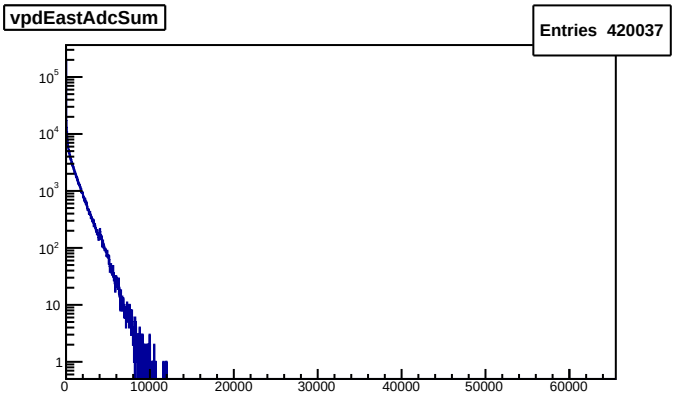
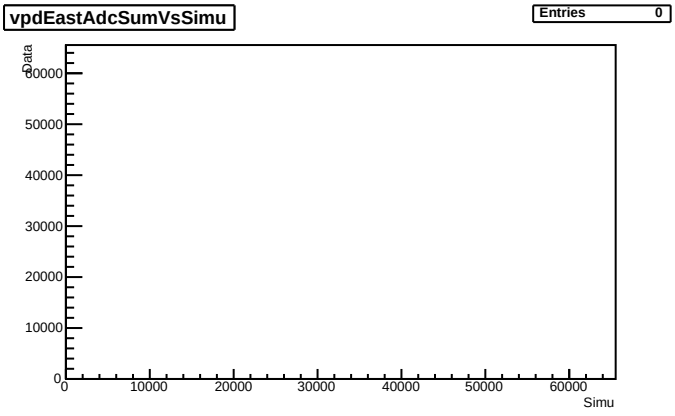
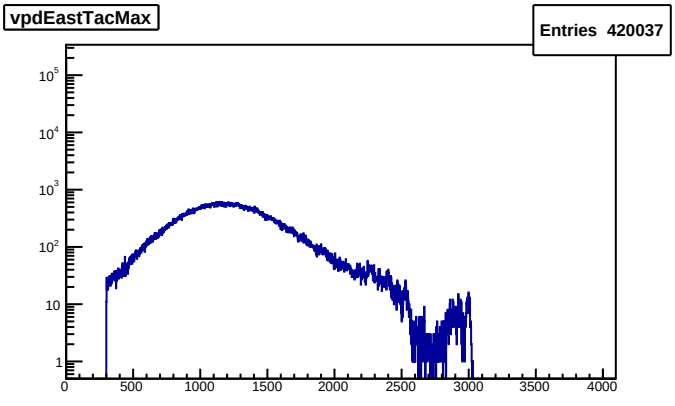
Entries 0
Data
Simu

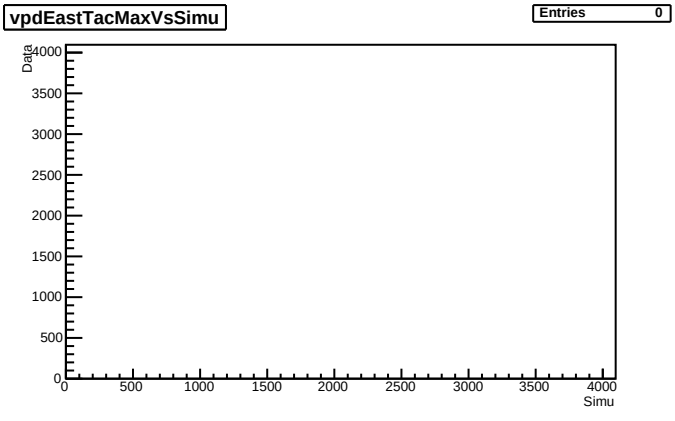

epdWestNHits
Entries 420037

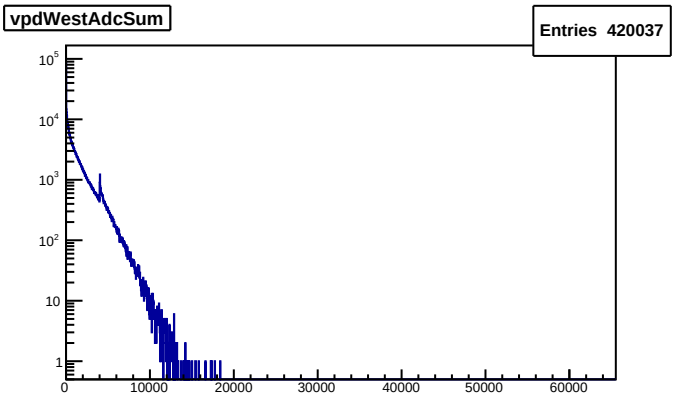

epdWestNHitsVsSimu
Entries 0
Data
Simu

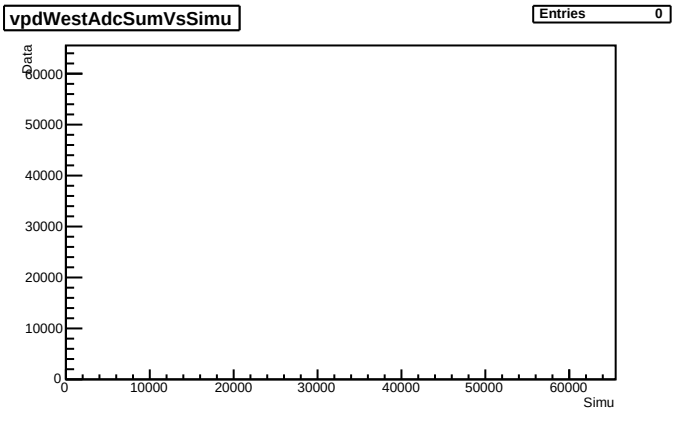

vpdEastAdcSum
Entries 420037


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 420037


vpdEastTacMaxVsSimu
Entries 0
Data
Simu


vpdWestAdcSum
Entries 420037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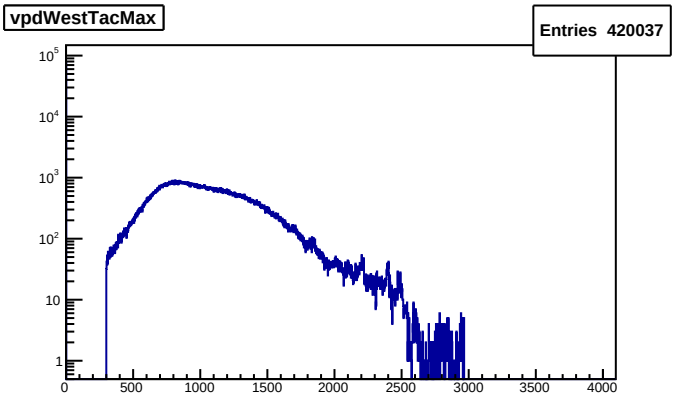
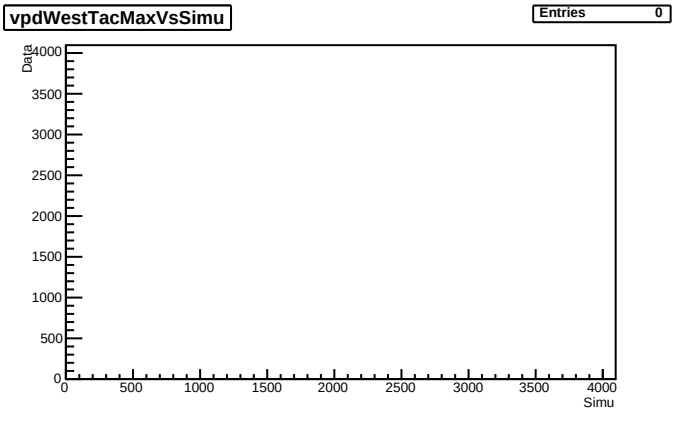
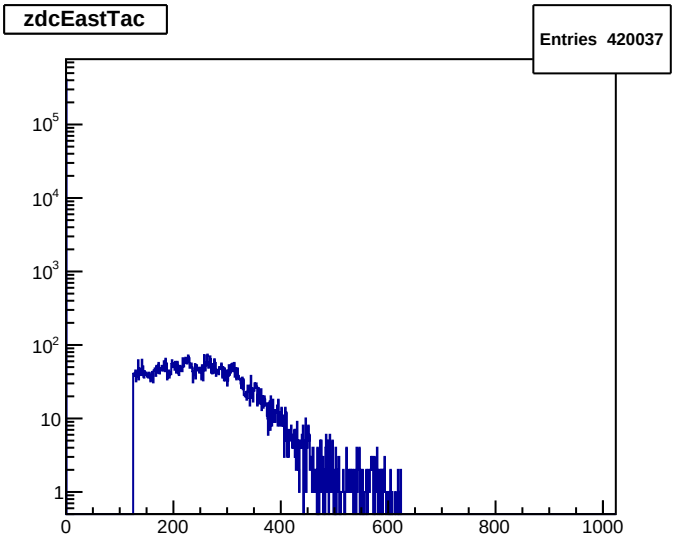
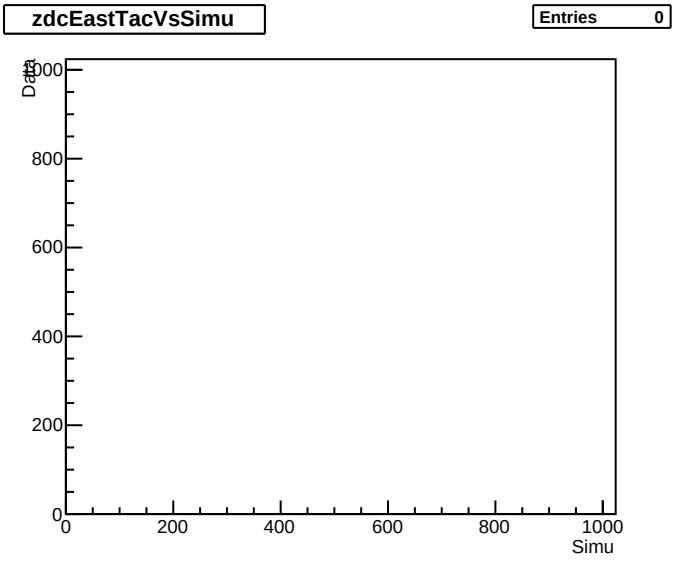
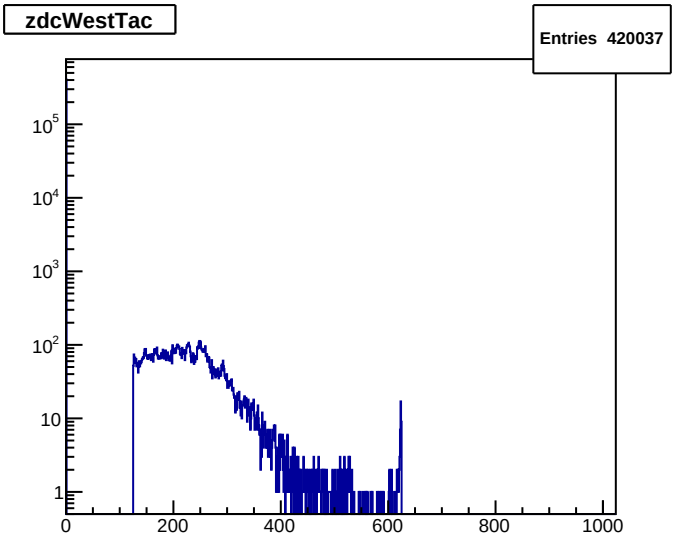
Entries 0
Data
Simu

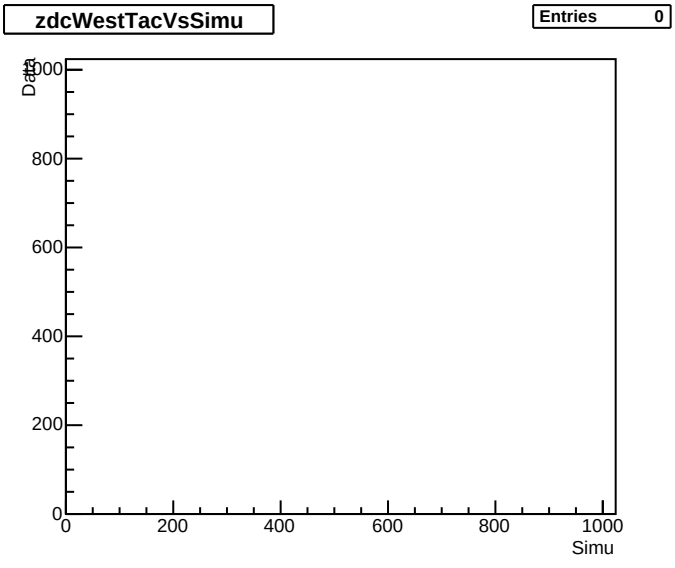

vpdWestTacMax
Entries 420037

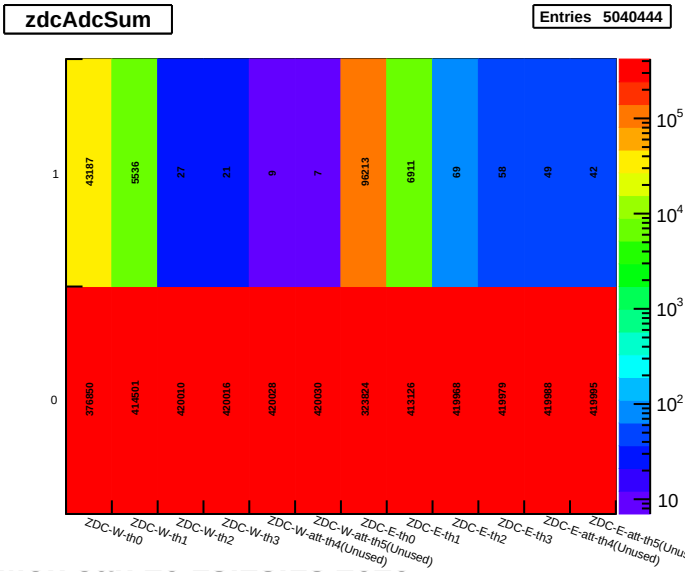

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

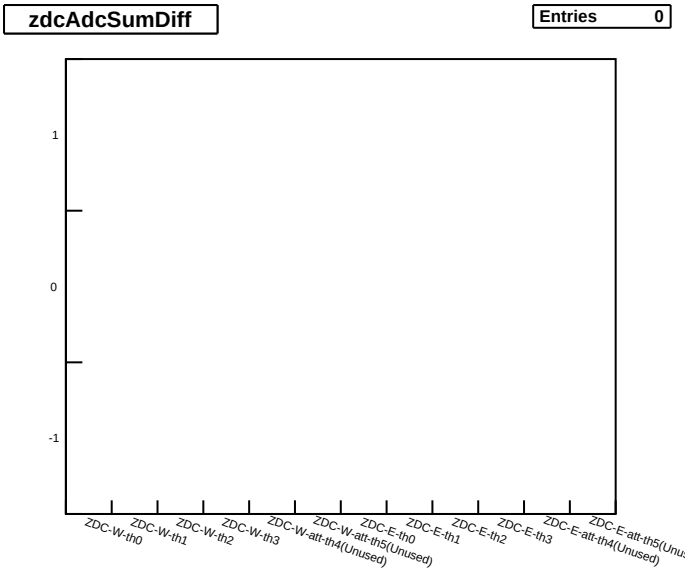

zdcEastTac
Entries 420037
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

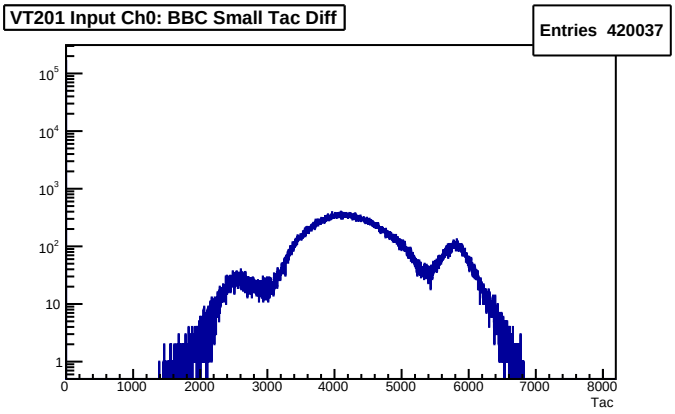

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

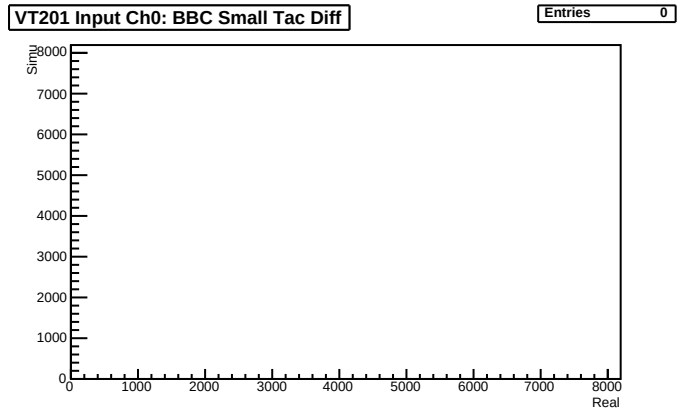

zdcWestTac
Entries 420037
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

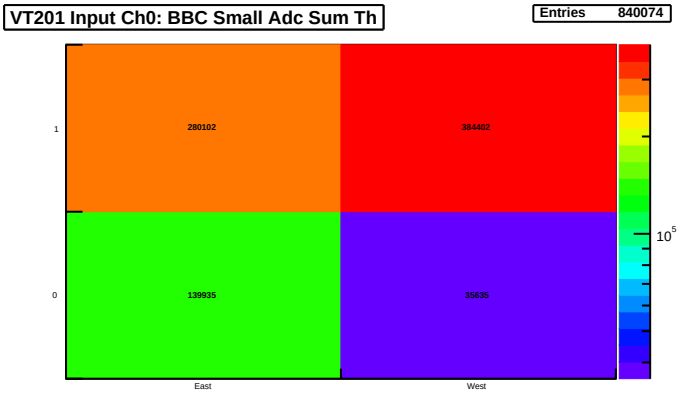

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

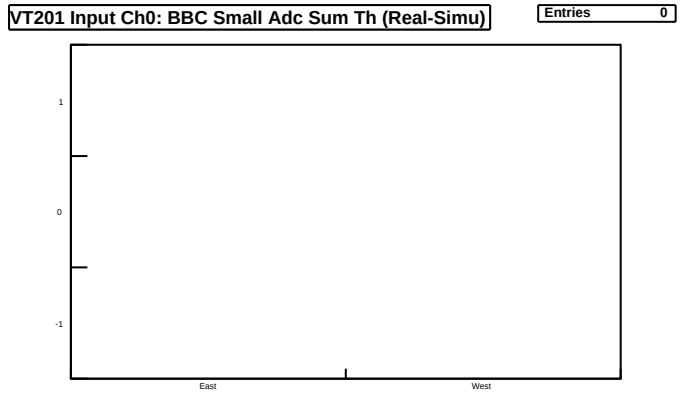

zdcAdcSum
Entries 5040444
1
0
43187
5536
27
21
9
7
96213
6911
69
58
49
42
376850
416501
420010
420016
420028
420030
323824
413126
419968
419979
419988
419995
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

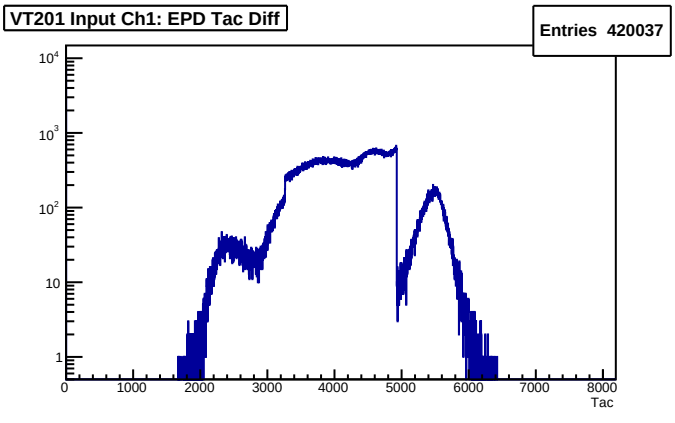

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

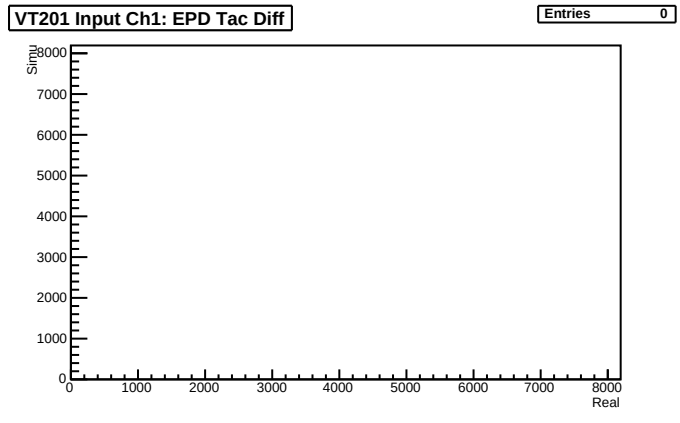

VT201 Input Ch0: BBC Small Tac Diff
Entries 420037
Tac

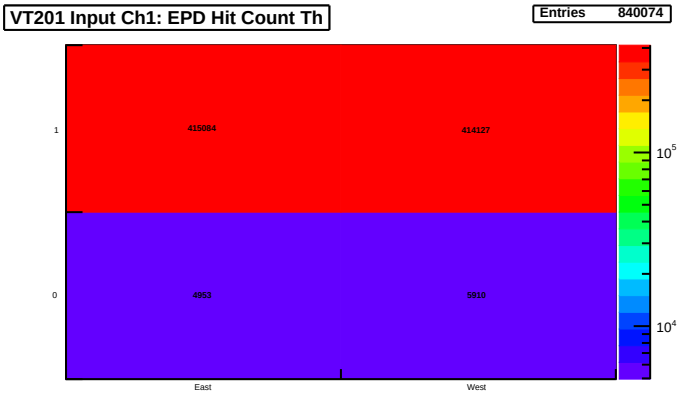

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

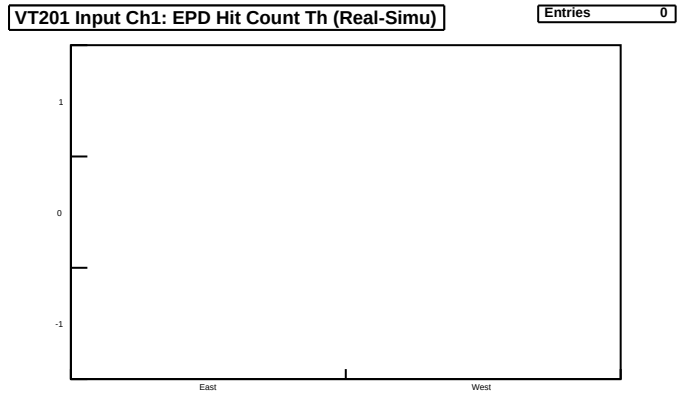

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 840074
280102
384402
139935
35635
East
West

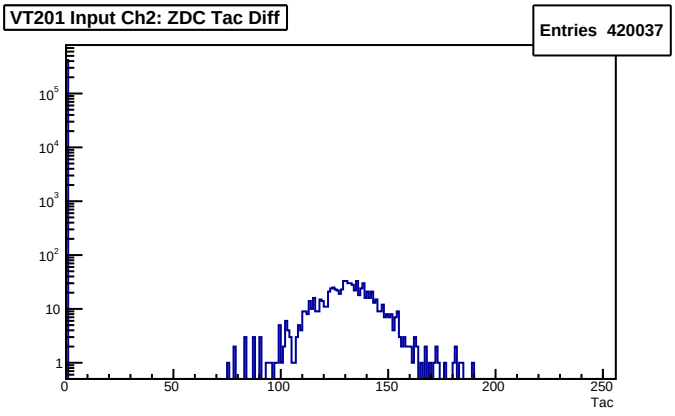

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

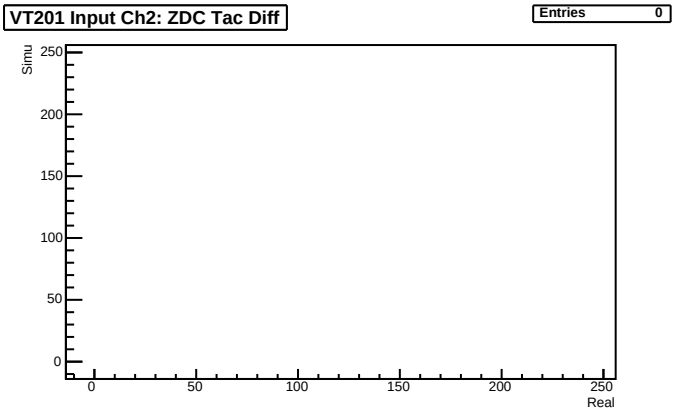

VT201 Input Ch1: EPD Tac Diff
Entries 420037
Tac

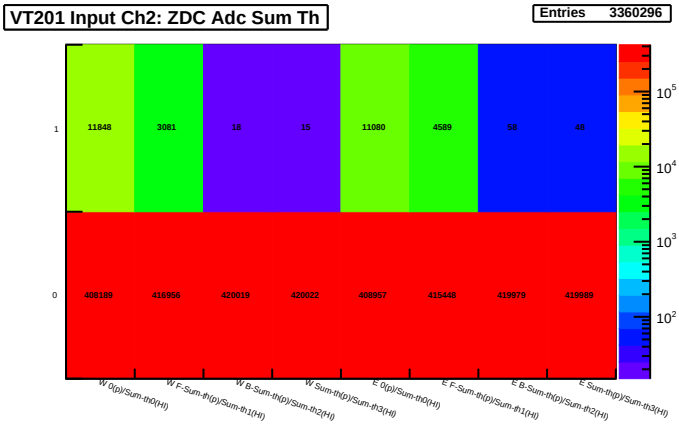

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

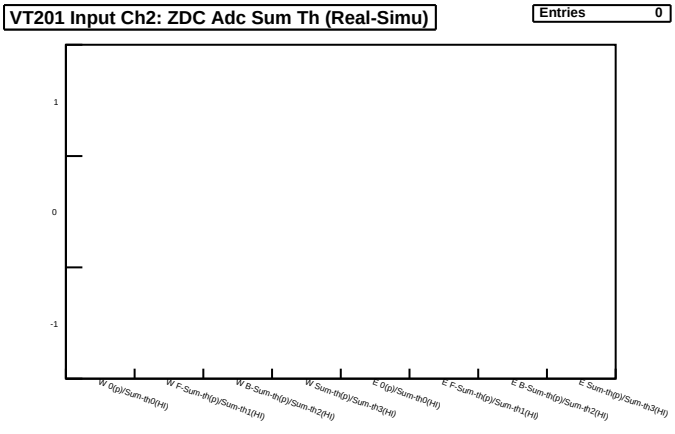

VT201 Input Ch1: EPD Hit Count Th
Entries 840074
415084
414127
4953
5910
East
West

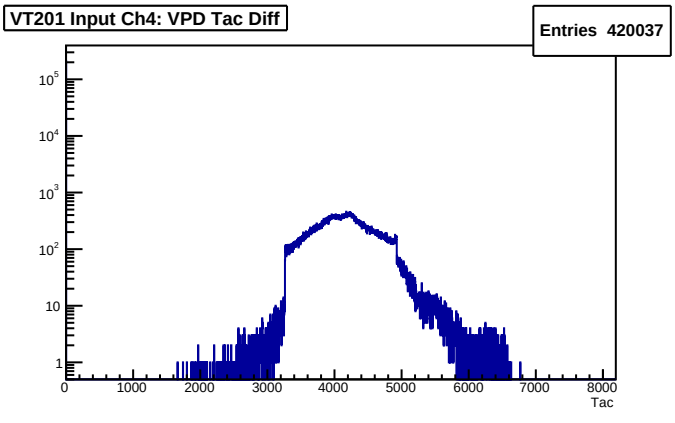

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

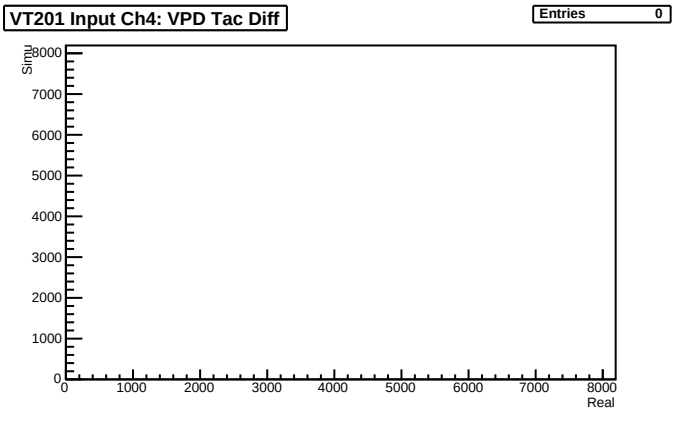

VT201 Input Ch2: ZDC Tac Diff
Entries 420037
Tac

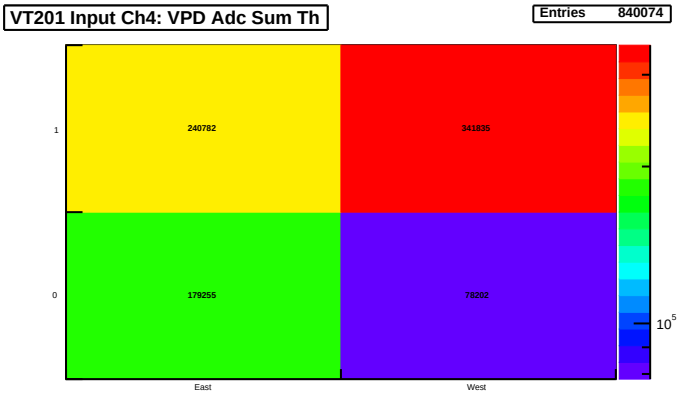

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

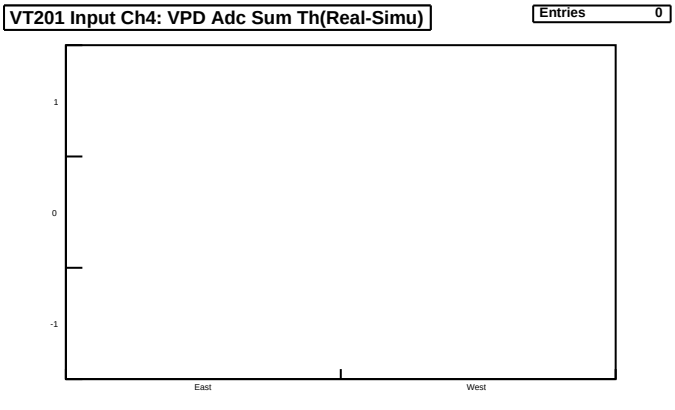

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3360296
11848
3081
18
15
11080
4589
58
48
408189
416956
420019
420022
408957
415448
419979
419989
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

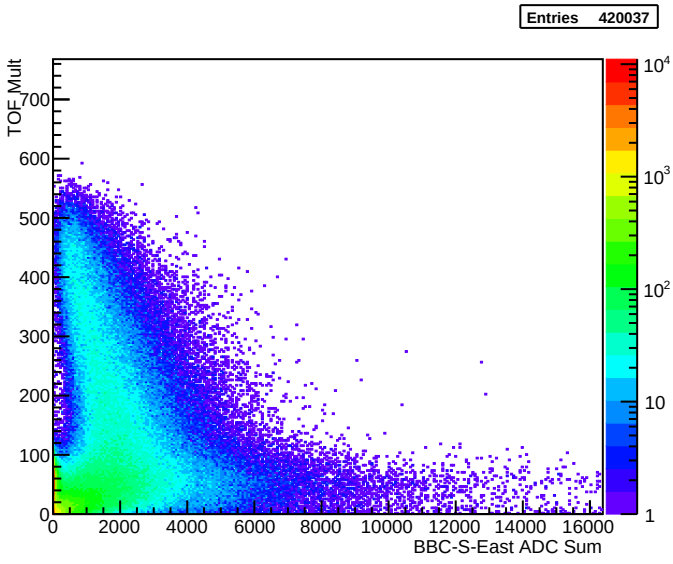

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

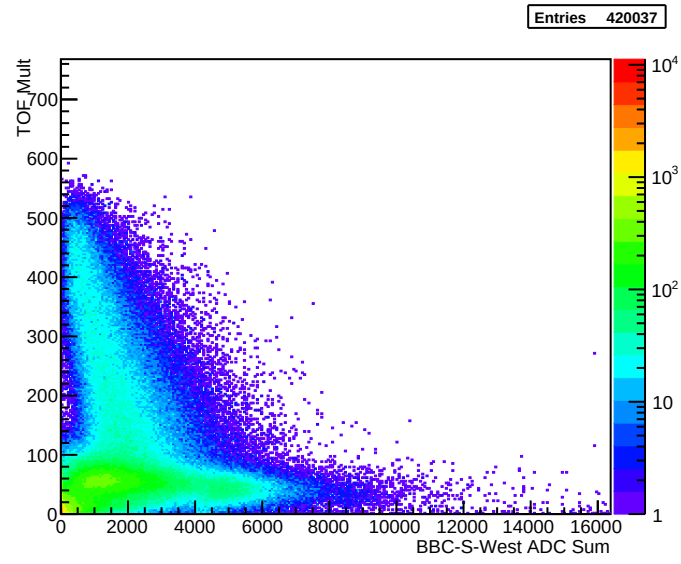

VT201 Input Ch4: VPD Tac Diff
Entries 420037
Tac

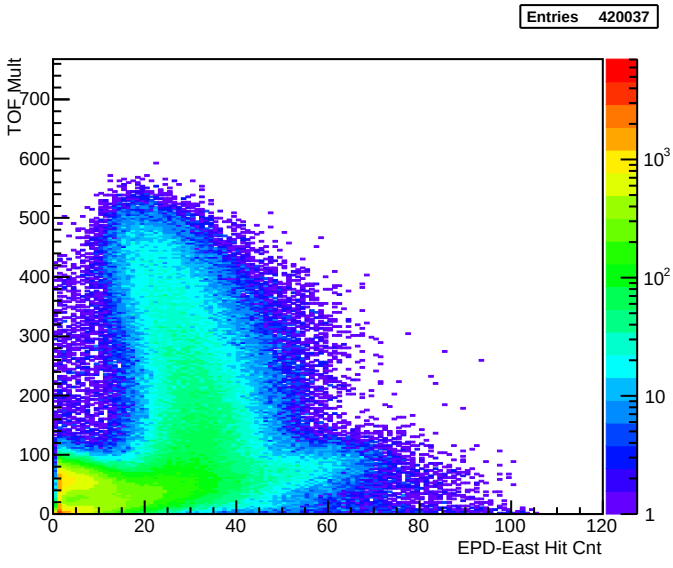

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

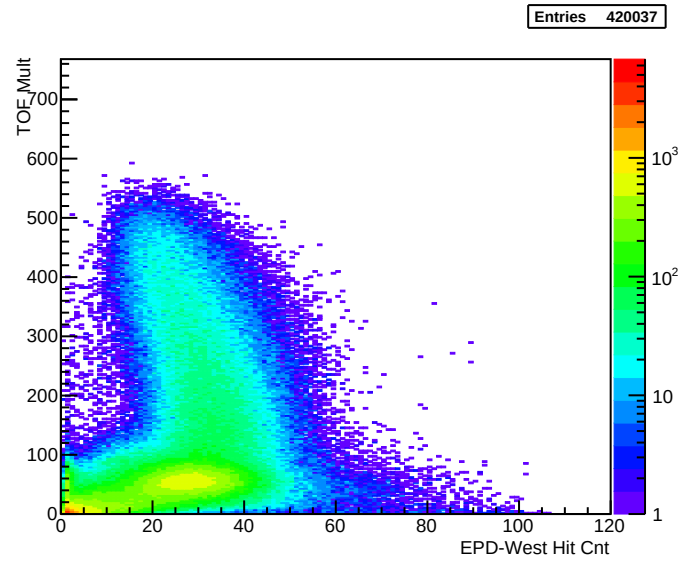

VT201 Input Ch4: VPD Adc Sum Th
Entries 840074
240782
341835
179255
78202
East
West

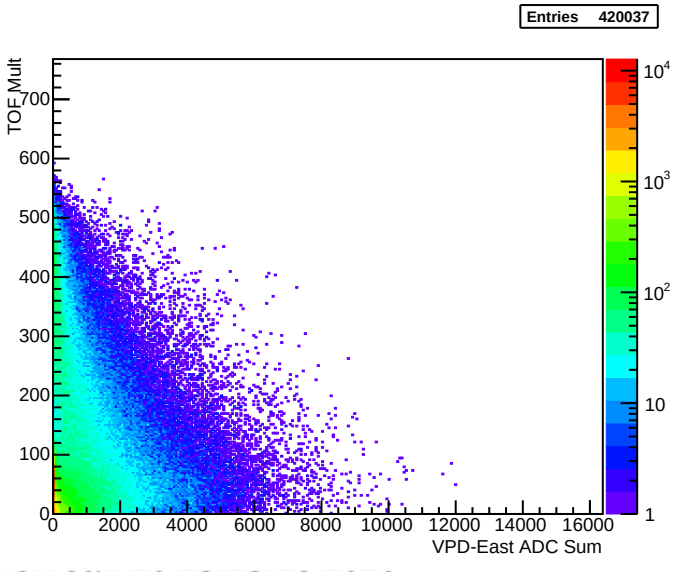

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

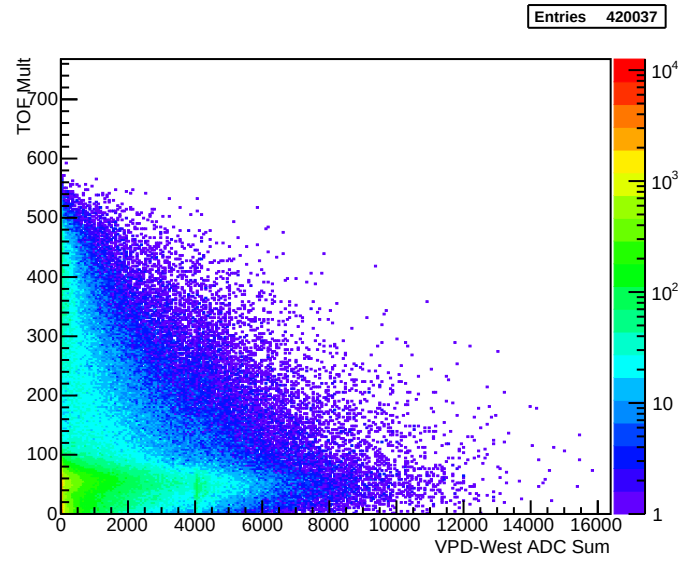

Entries 420037
TOF_Mult
BBC-S-East ADC Sum

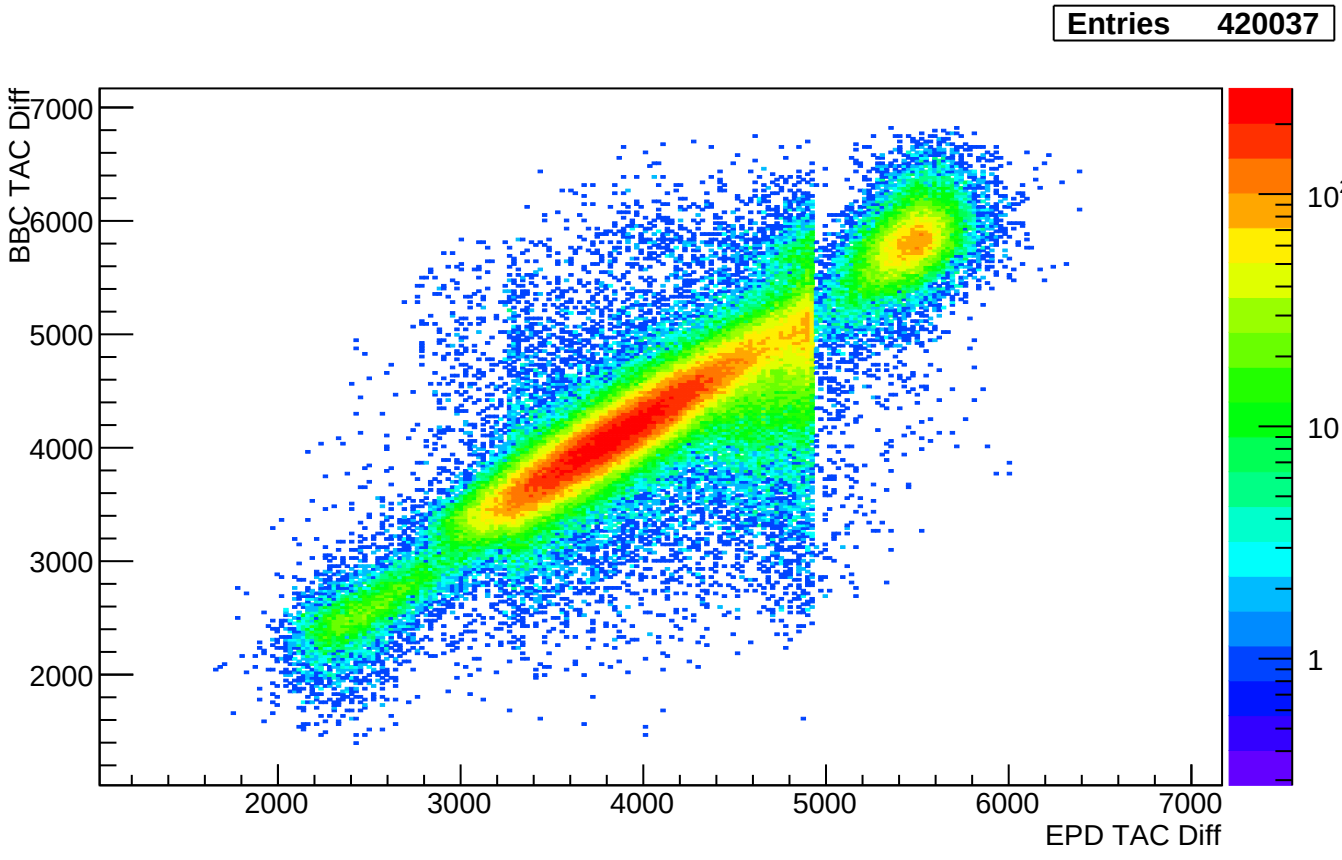

Entries 420037
TOF_Mult
BBC-S-West ADC Sum

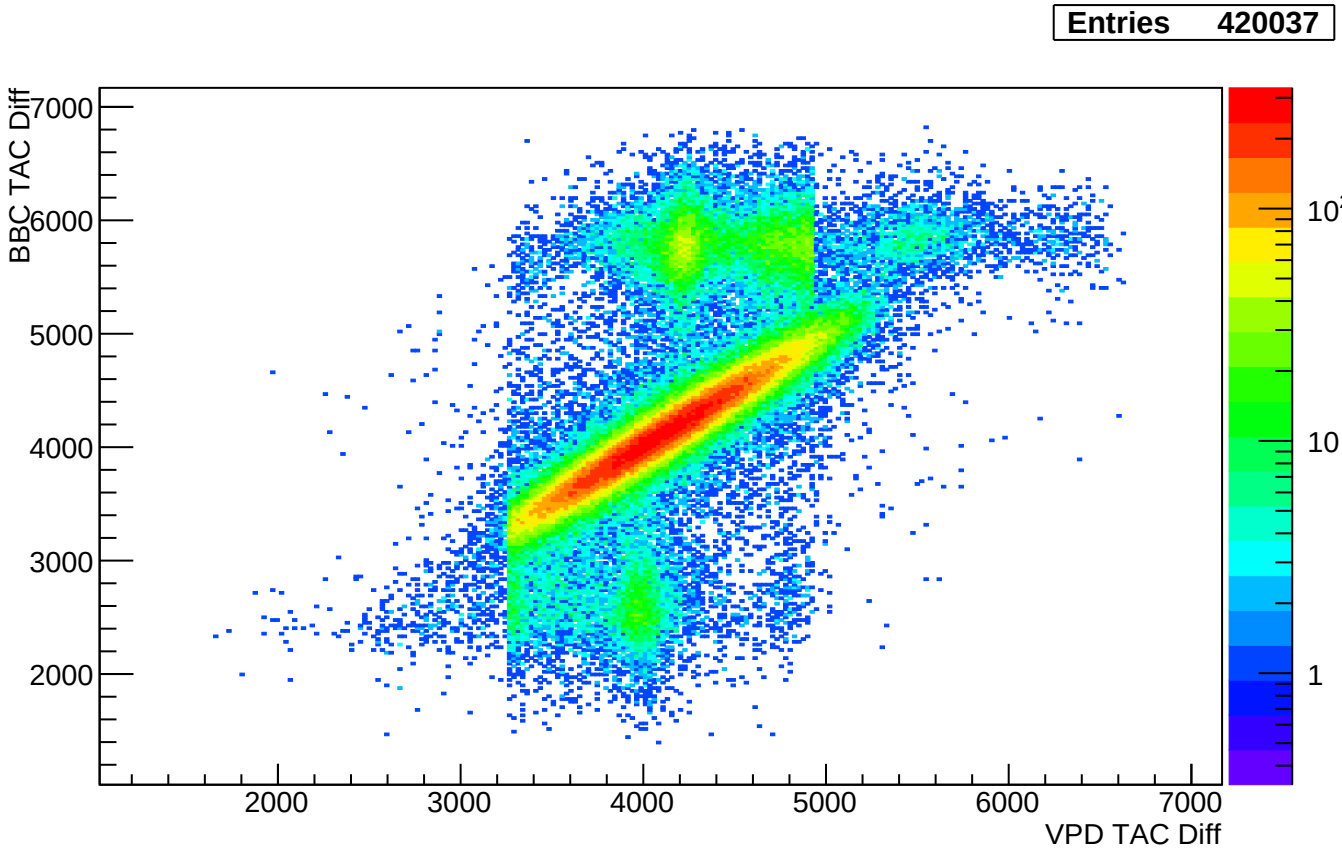

Entries 420037
TOF_Mult
EPD-East Hit Cnt

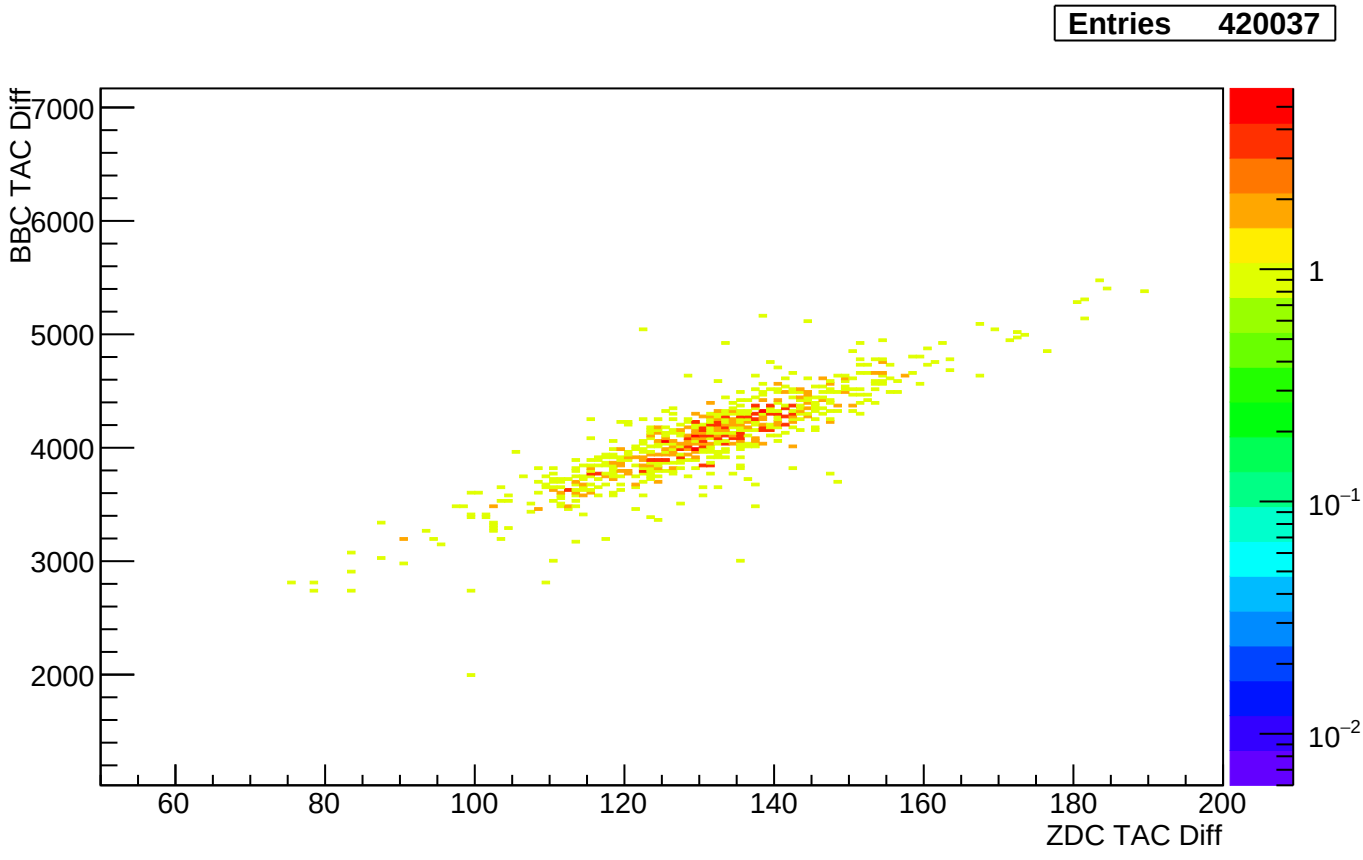

Entries 420037
TOF_Mult
EPD-West Hit Cnt

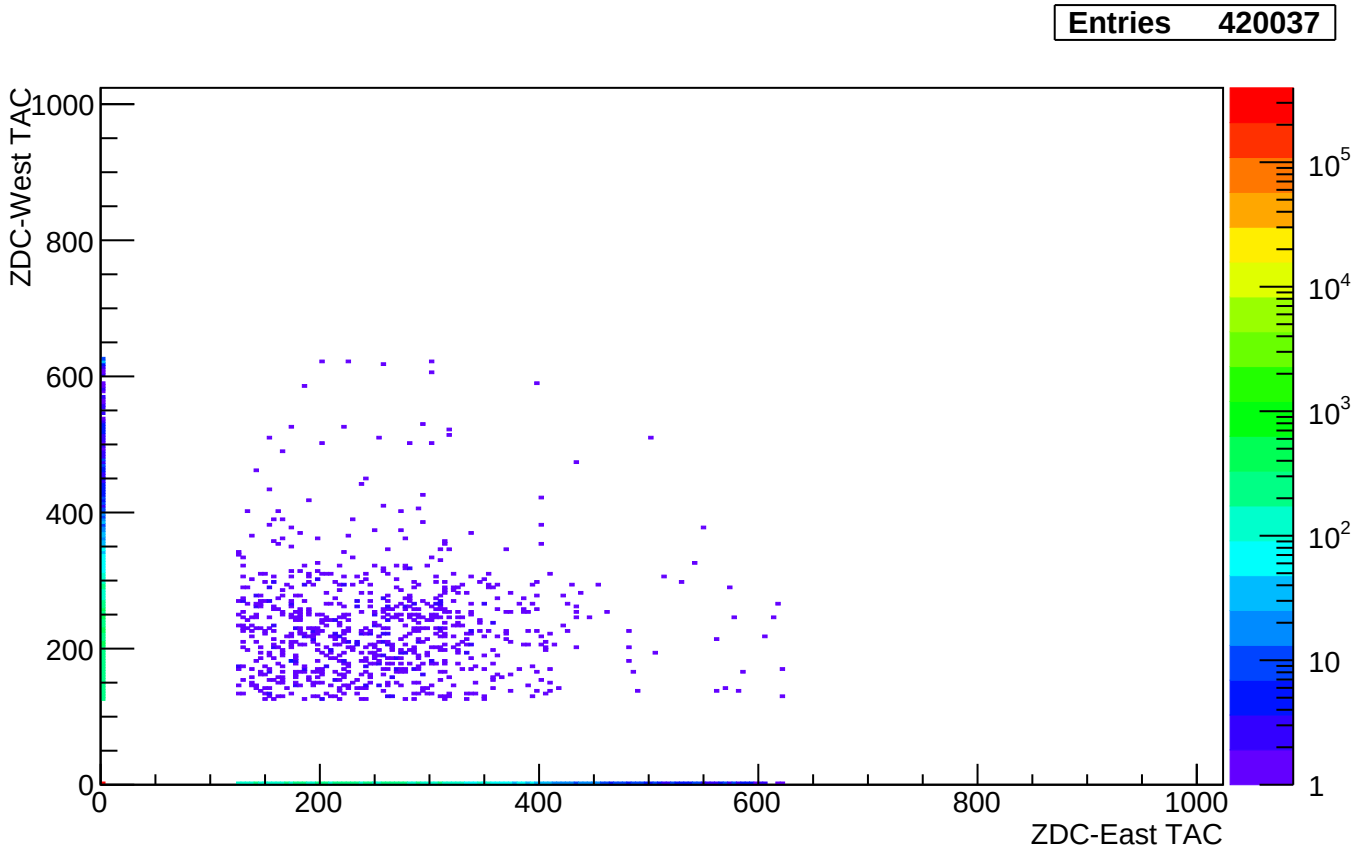

Entries 420037
TOF_Mult
VPD-East ADC Sum

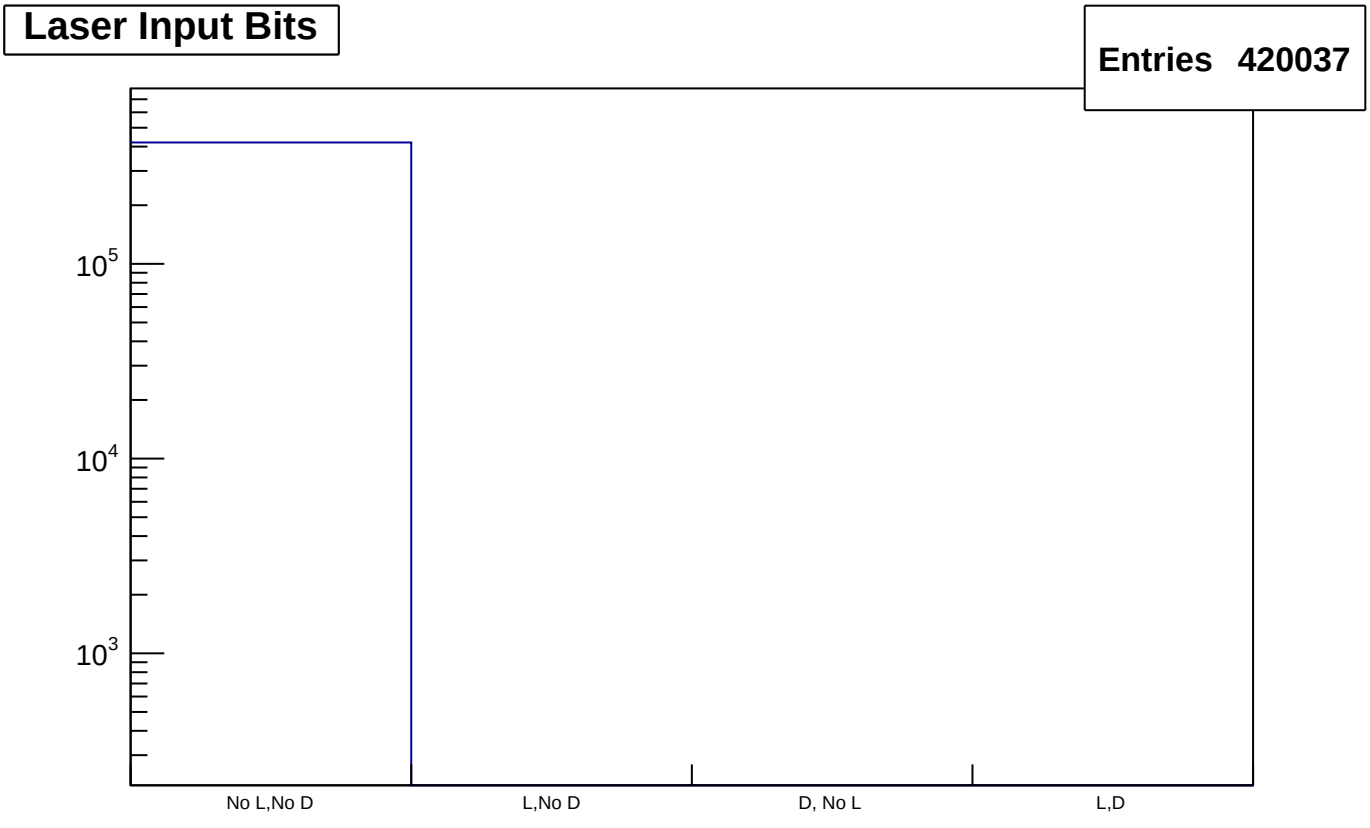

Entries 420037
TOF_Mult
VPD-West ADC Sum

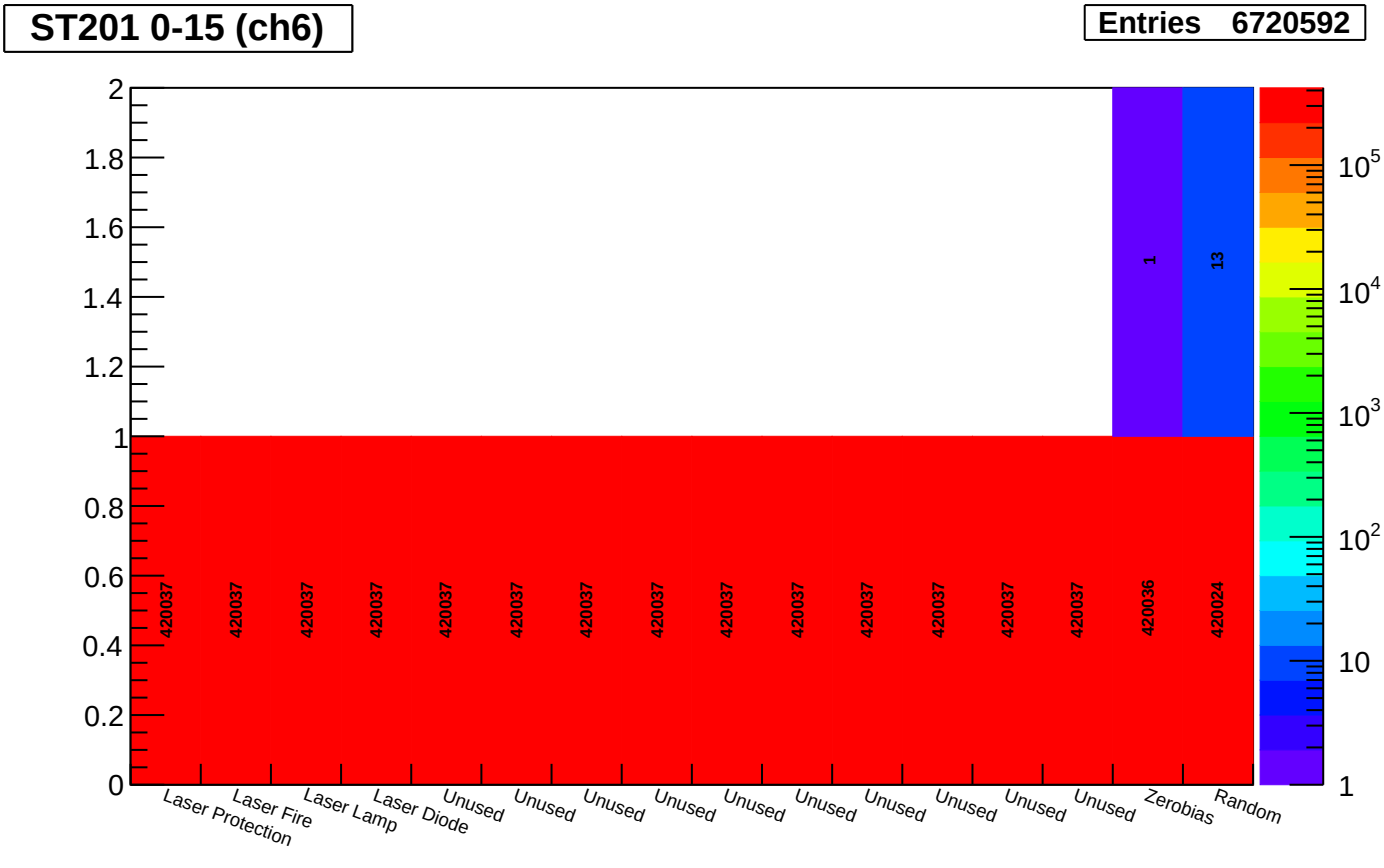

Entries 420037
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

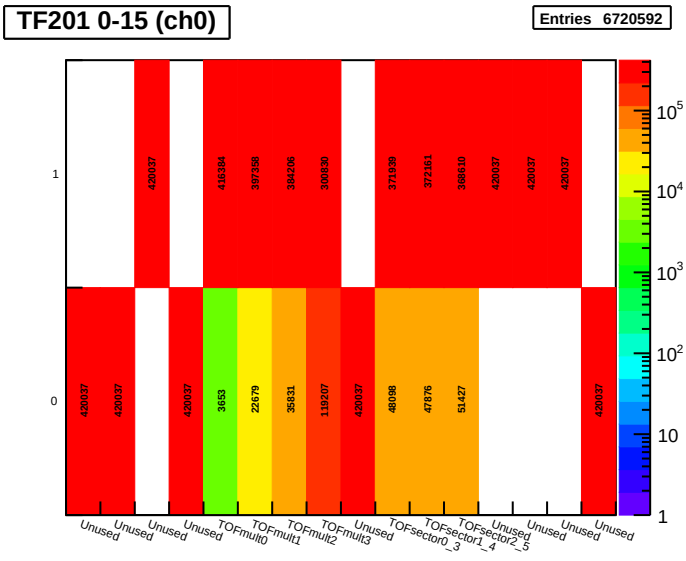

Entries 420037
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

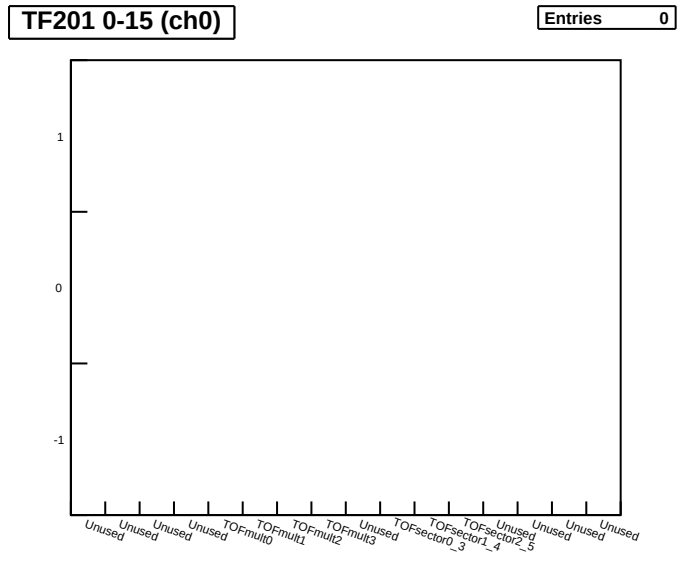

Entries 420037
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

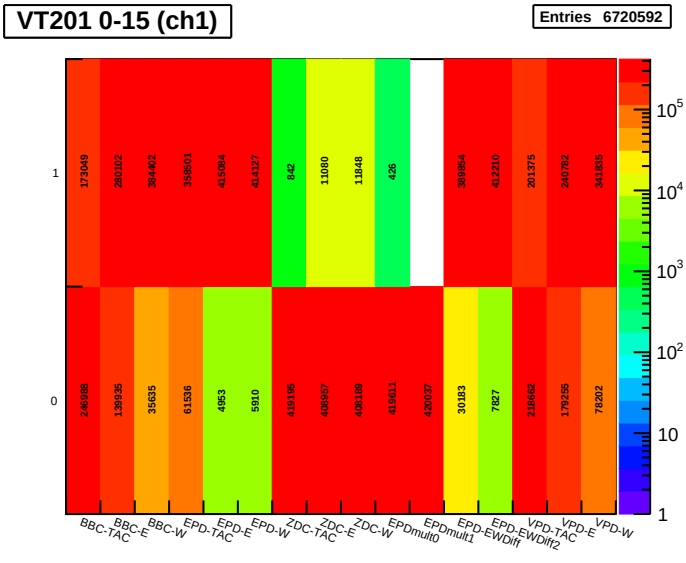

Entries 420037
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

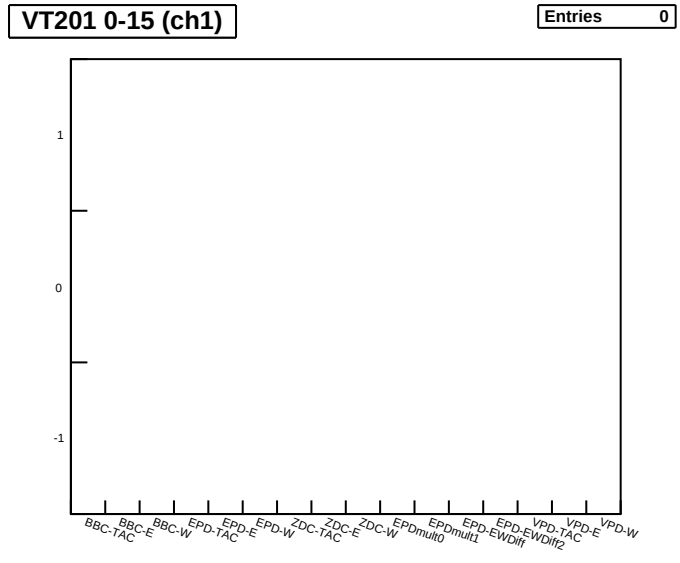

Laser Input Bits
Entries 420037
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

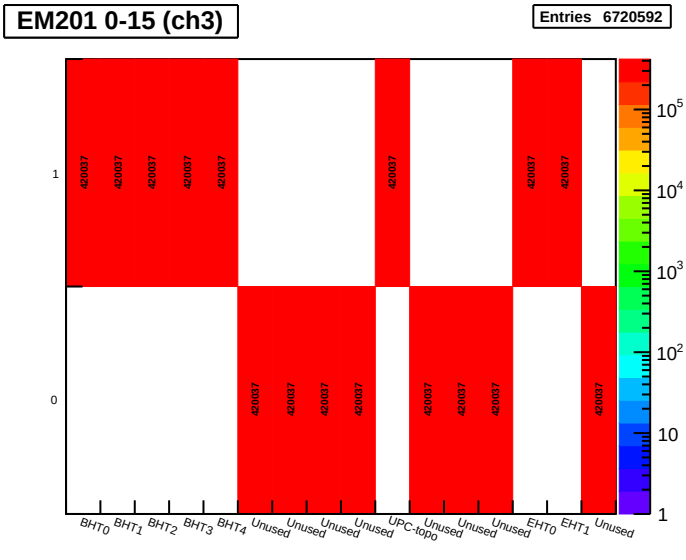

ST201 0-15 (ch6)
Entries 6720592
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
420037
420037
420037
420037
420037
420037
420037
420037
420037
420037
420037
420037
420037
420036
420024
1
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

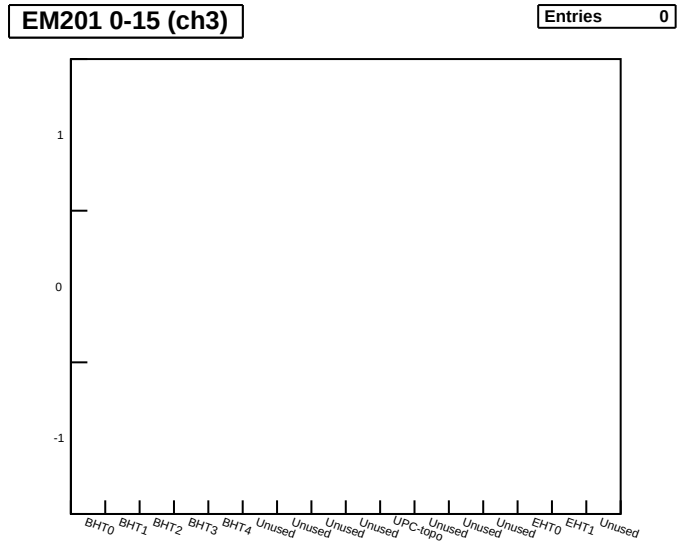

TF201 0-15 (ch0)
Entries 6720592
1
0
420037
416384
397358
384206
300830
371939
372161
368610
420037
420037
420037
420037
420037
420037
3653
22679
35831
119207
420037
48098
47876
51427
420037
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 6720592
1
0
173049
280102
364402
358501
415084
414127
842
11080
11848
426
389854
412210
201375
240782
341835
246988
139935
35635
61536
4953
5910
419195
408957
408189
419611
420037
30183
7827
218662
179255
78202
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 6720592
1
0
420037
420037
420037
420037
420037
420037
420037
420037
420037
420037
420037
420037
420037
420037
420037
420037
420037
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1