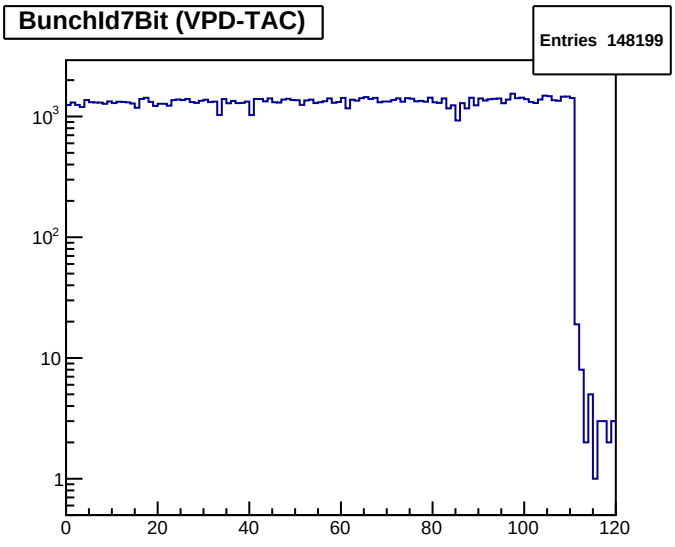
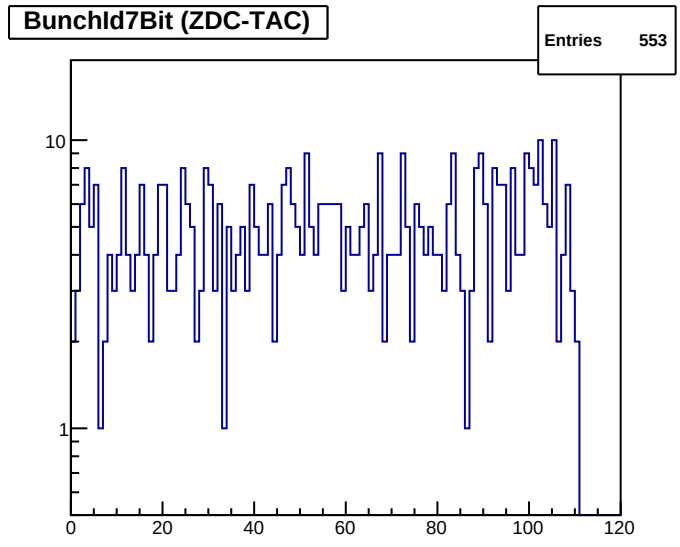
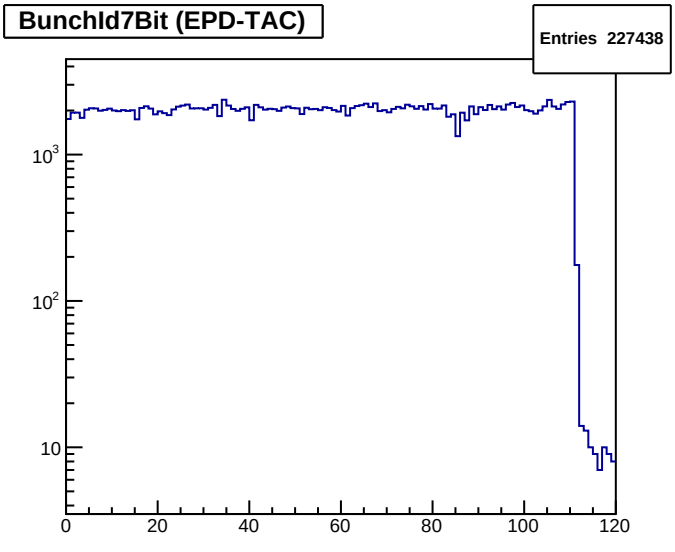
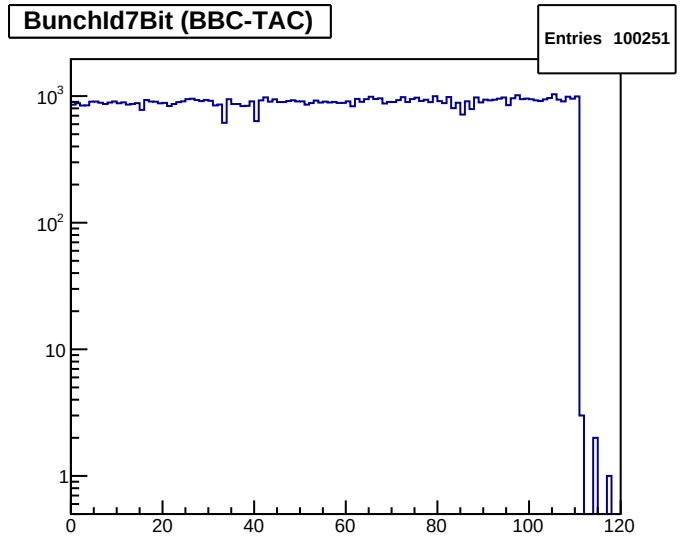
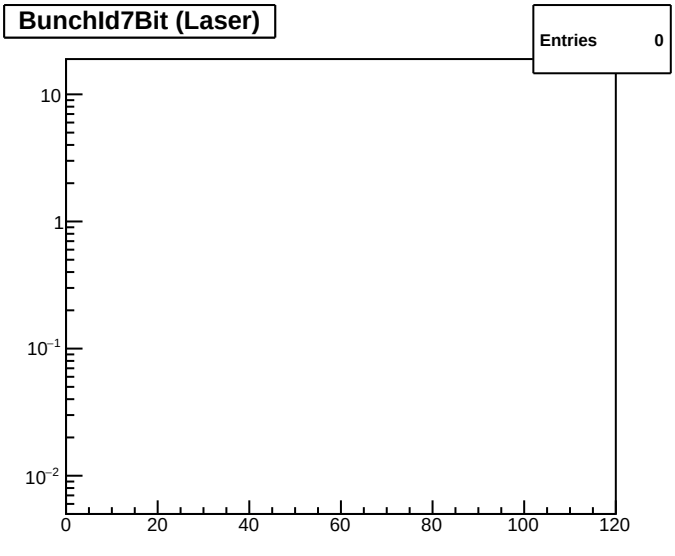
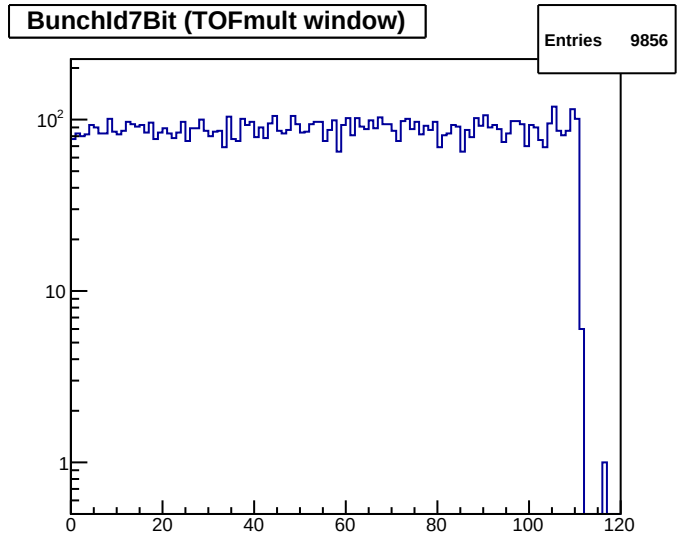

BunchId7Bit (VPD-TAC)
Entries 148199

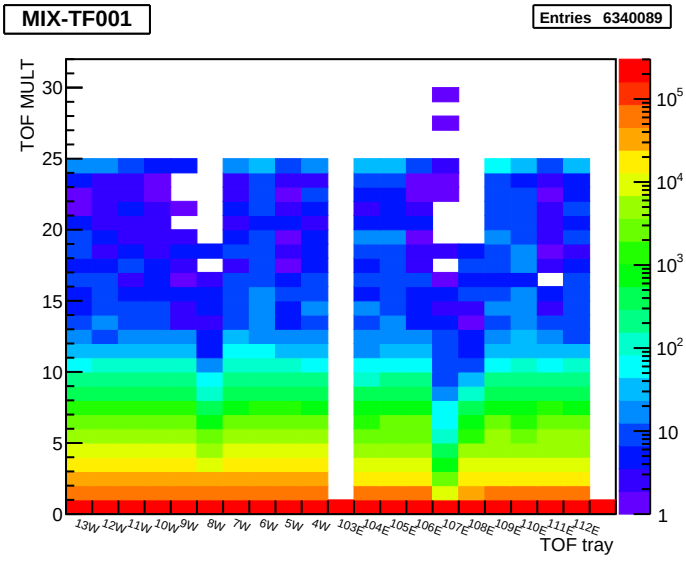

BunchId7Bit (ZDC-TAC)
Entries 553

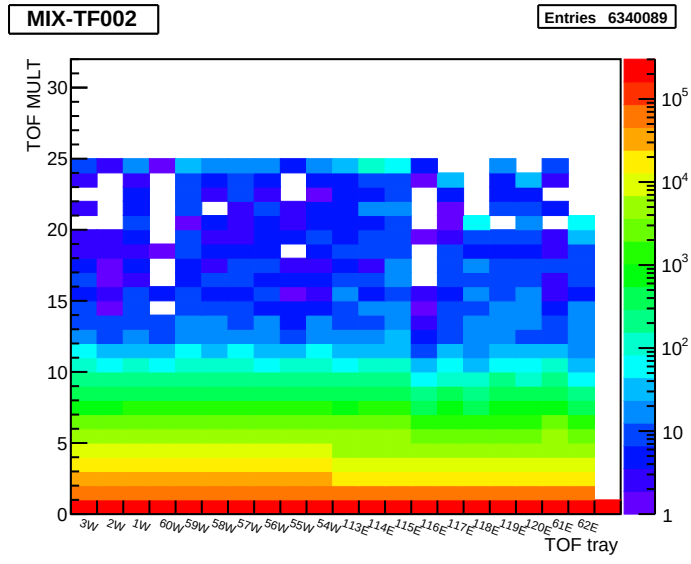

BunchId7Bit (EPD-TAC)
Entries 227438

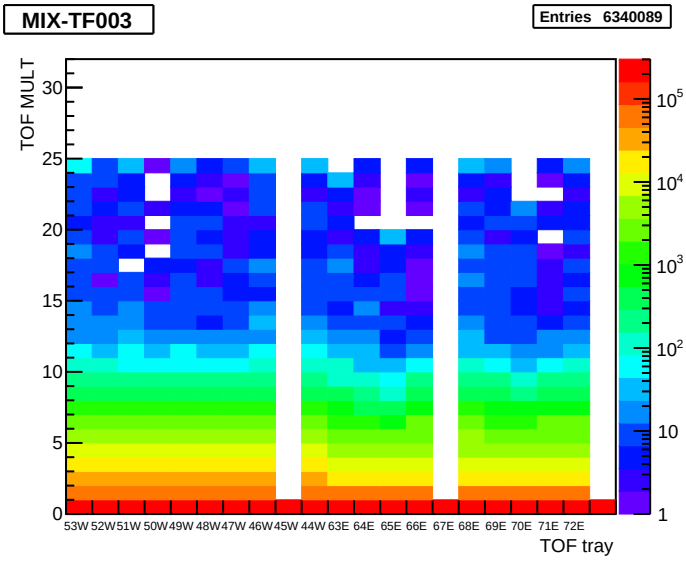

BunchId7Bit (BBC-TAC)
Entries 100251

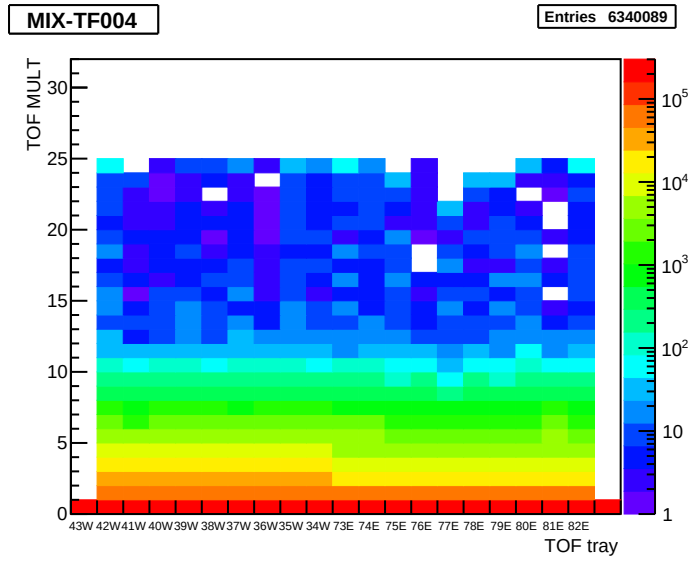

BunchId7Bit (Laser)
Entries 0

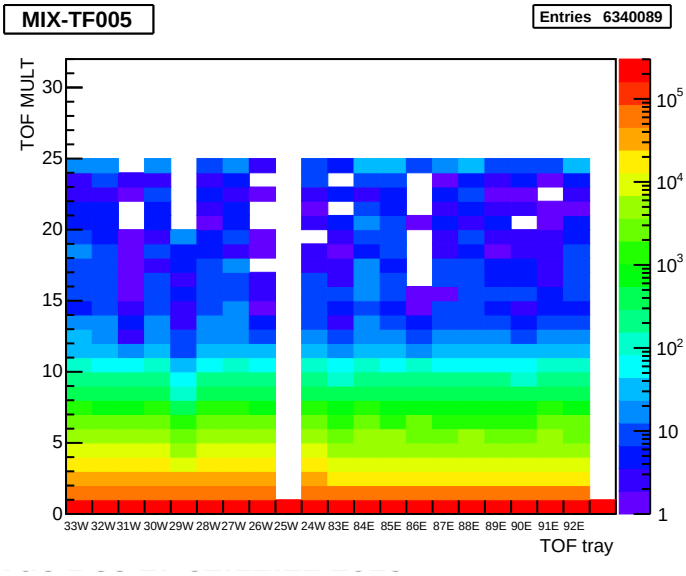

BunchId7Bit (TOFmult window)
Entries 9856

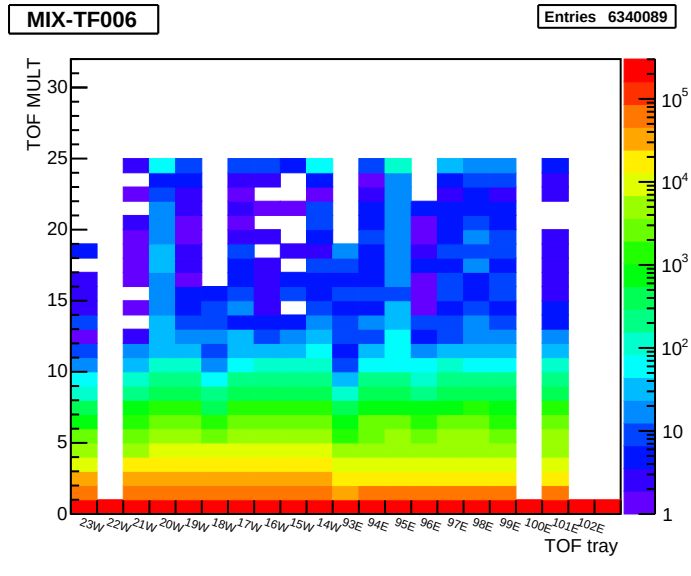

MIX-TF001
Entries 6340089
TOF MULT
TOF tray

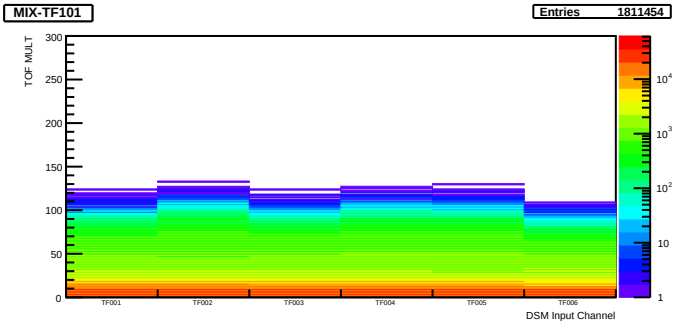

MIX-TF002
Entries 6340089
TOF MULT
TOF tray

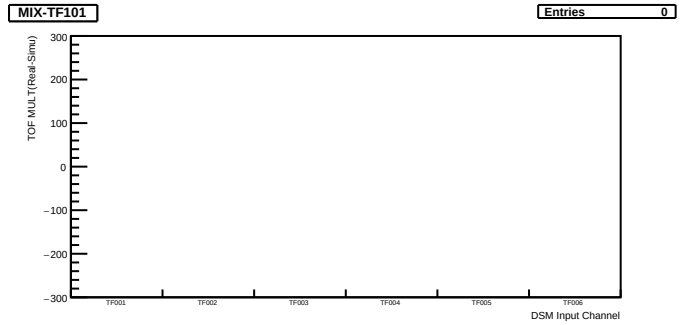

MIX-TF003
Entries 6340089
TOF MULT
TOF tray

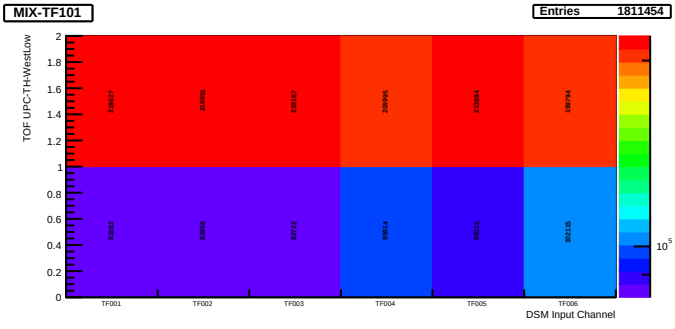

MIX-TF004
Entries 6340089
TOF MULT
TOF tray

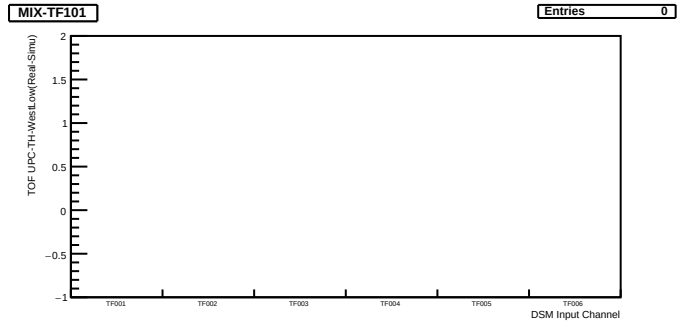

MIX-TF005
Entries 6340089
TOF MULT
TOF tray

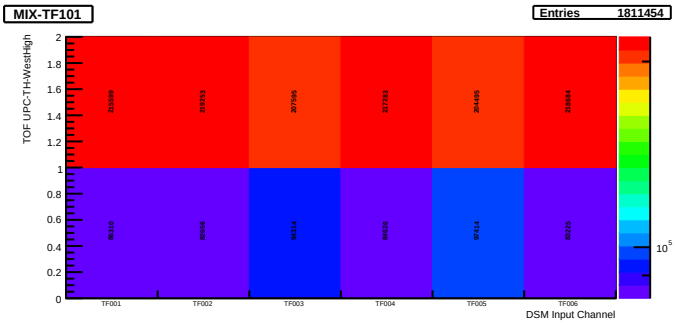

MIX-TF006
Entries 6340089
TOF MULT
TOF tray

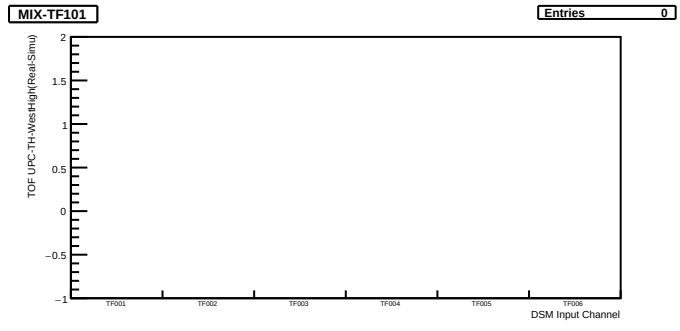

MIX-TF101
Entries 1811454
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

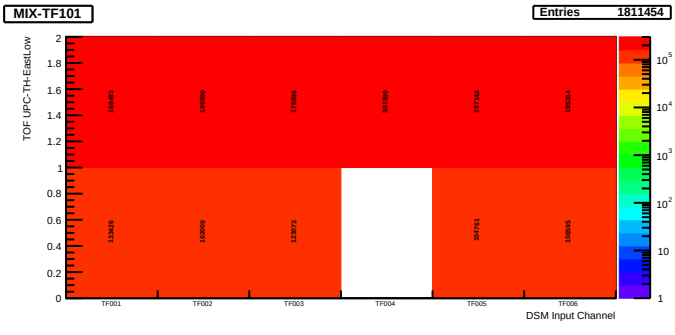

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

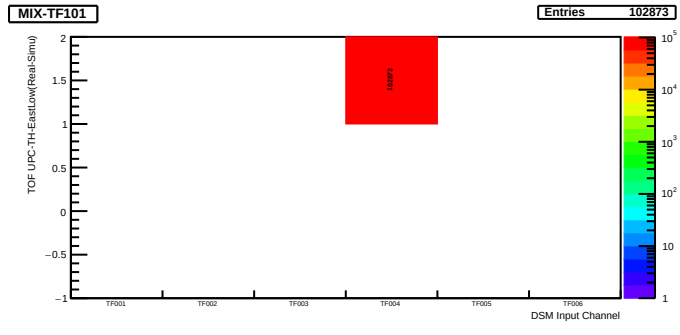

MIX-TF101
Entries 1811454
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

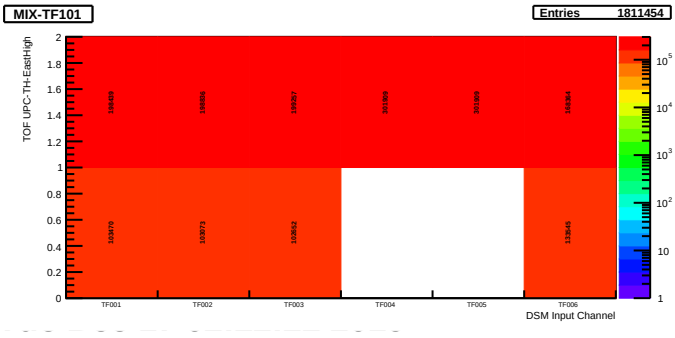

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

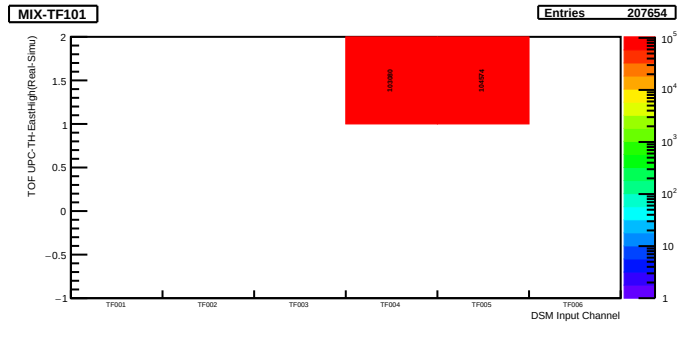

MIX-TF101
Entries 1811454
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

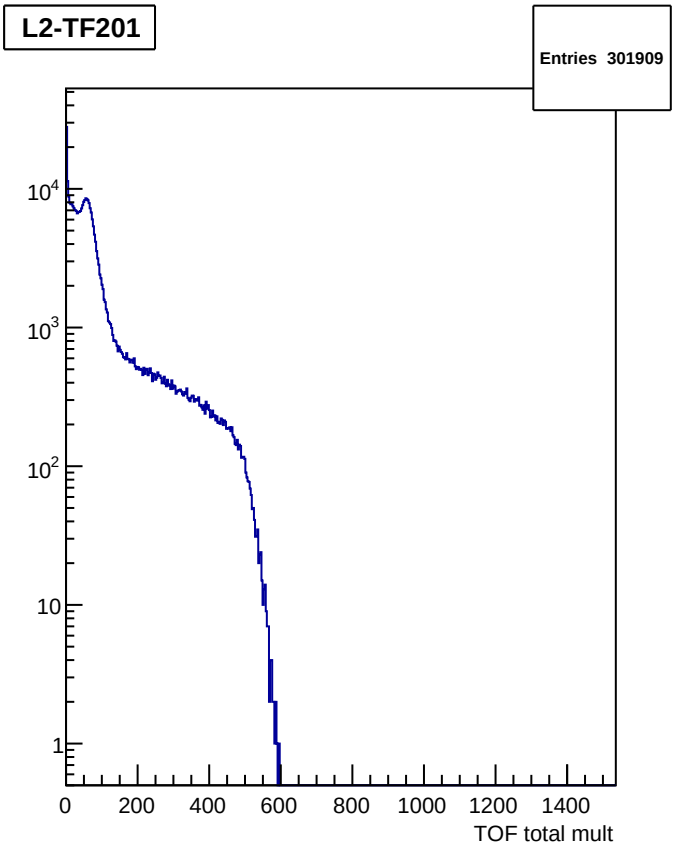

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

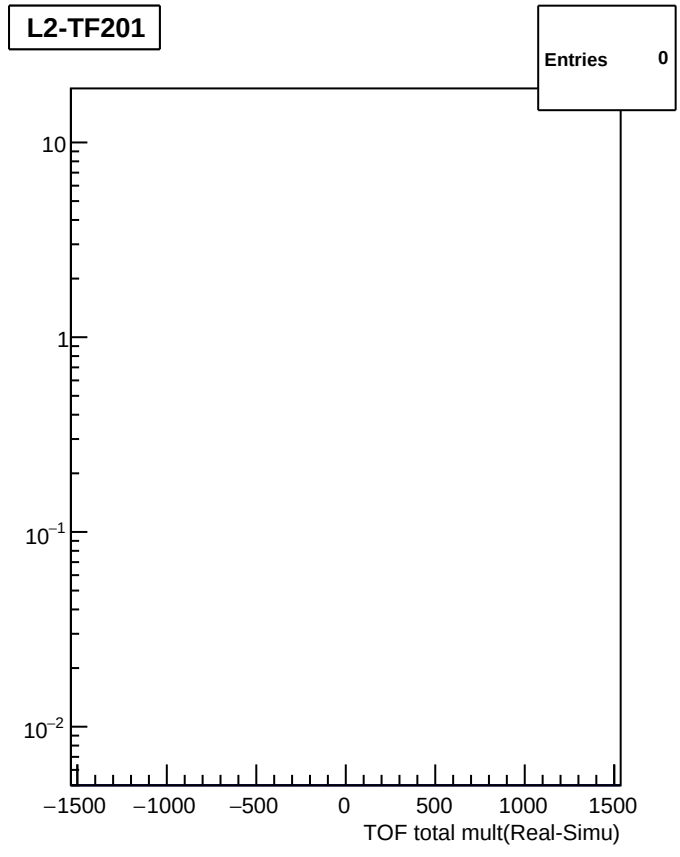

MIX-TF101
Entries 1811454
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

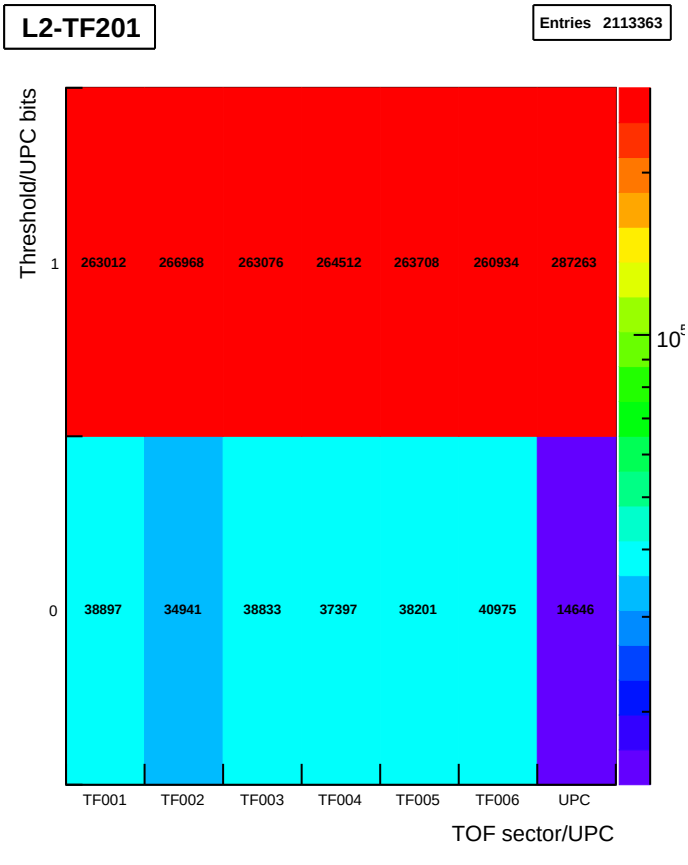

MIX-TF101
Entries 102873
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

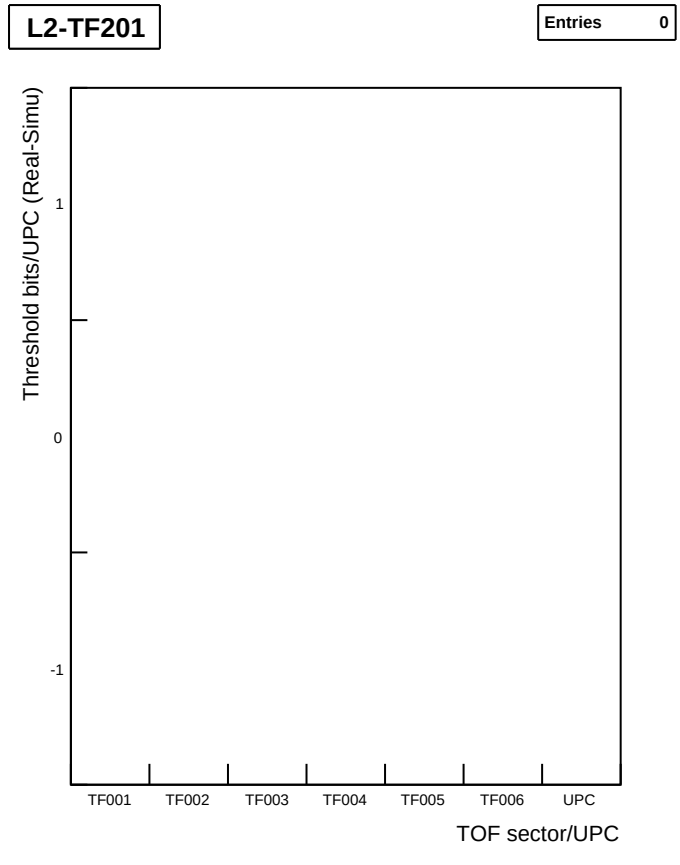

MIX-TF101
Entries 1811454
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

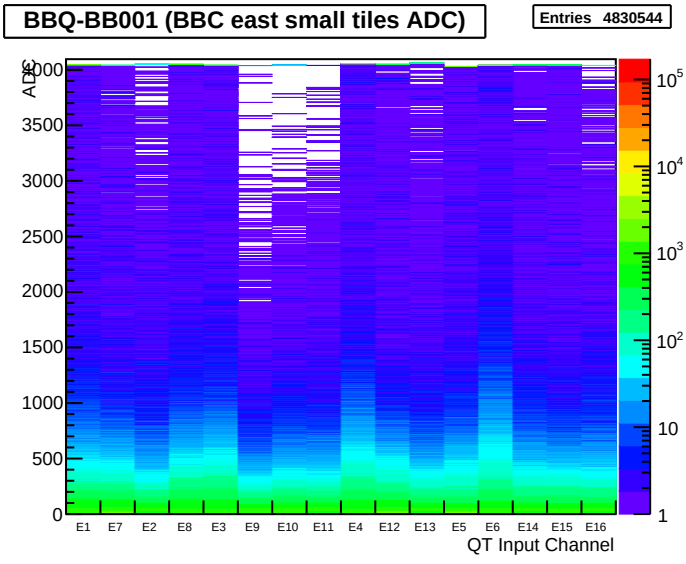

MIX-TF101
Entries 207654
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

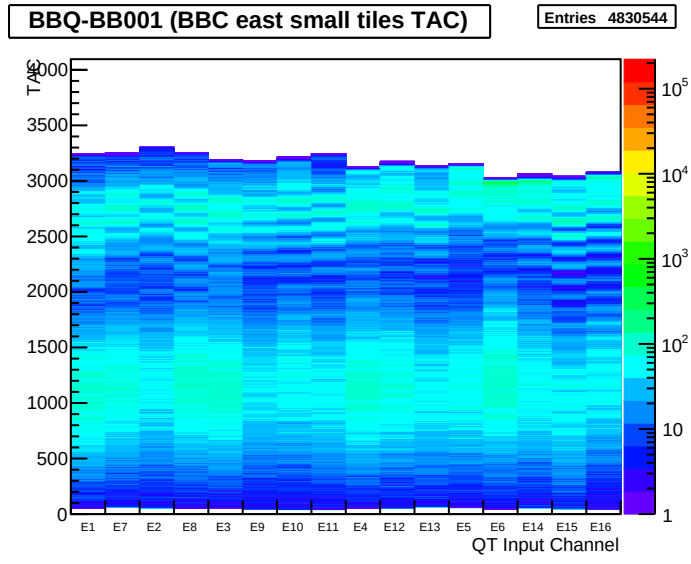

L2-TF201
Entries 301909
TOF total mult

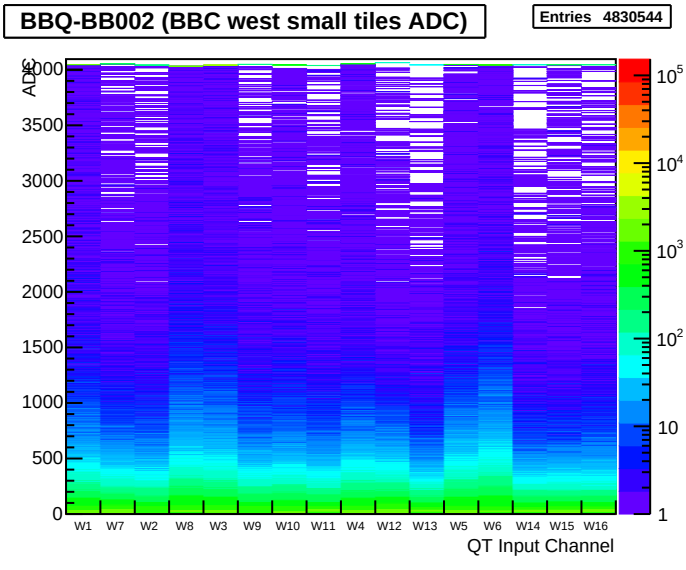

L2-TF201
Entries 0
TOF total mult(Real-Simu)

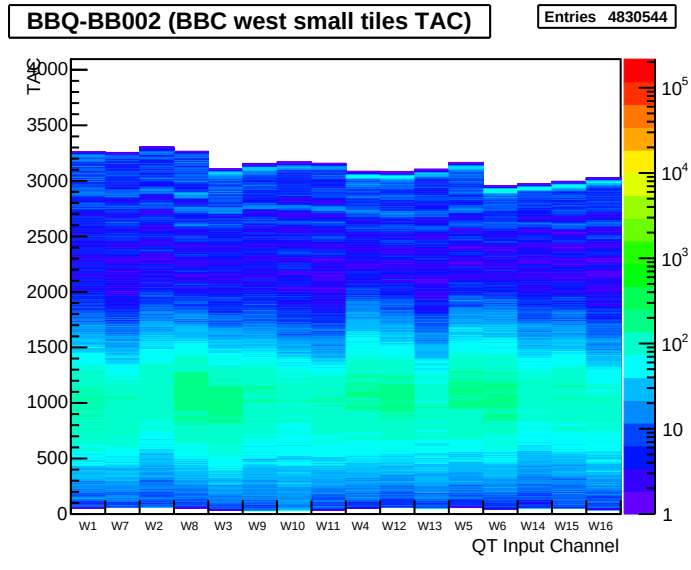

L2-TF201
Entries 2113363
Threshold/UPC bits
263012
266968
263076
264512
263708
260934
287263
38897
34941
38833
37397
38201
40975
14646
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

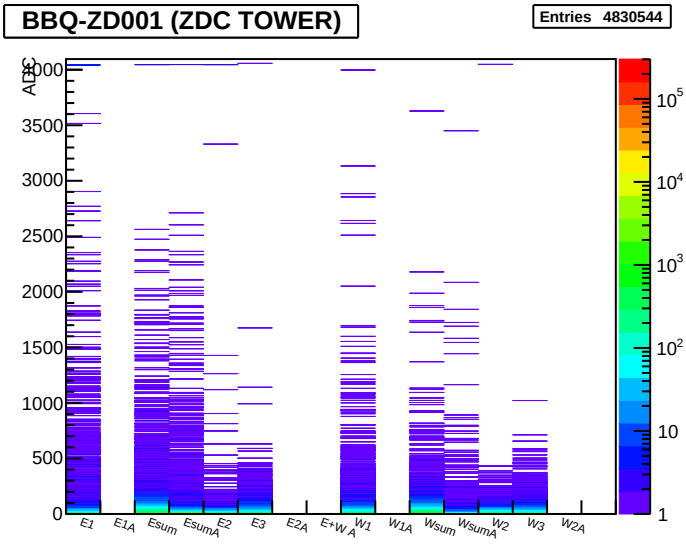

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

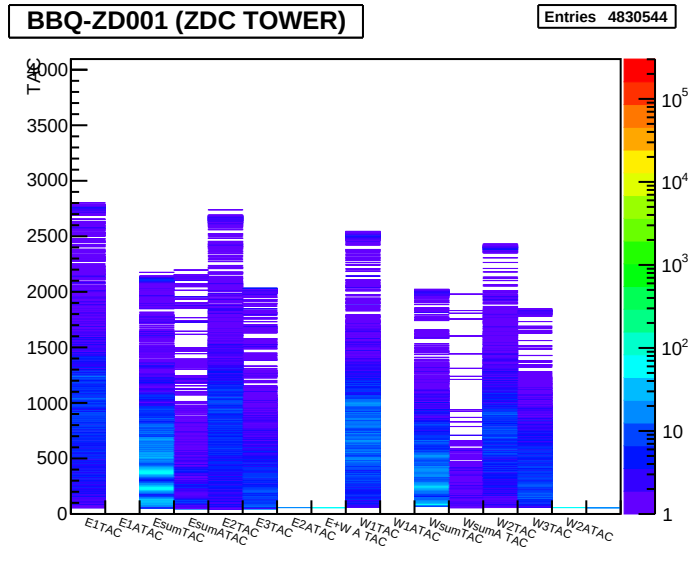

BBQ-BB001 (BBC east small tiles ADC)
Entries 4830544
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

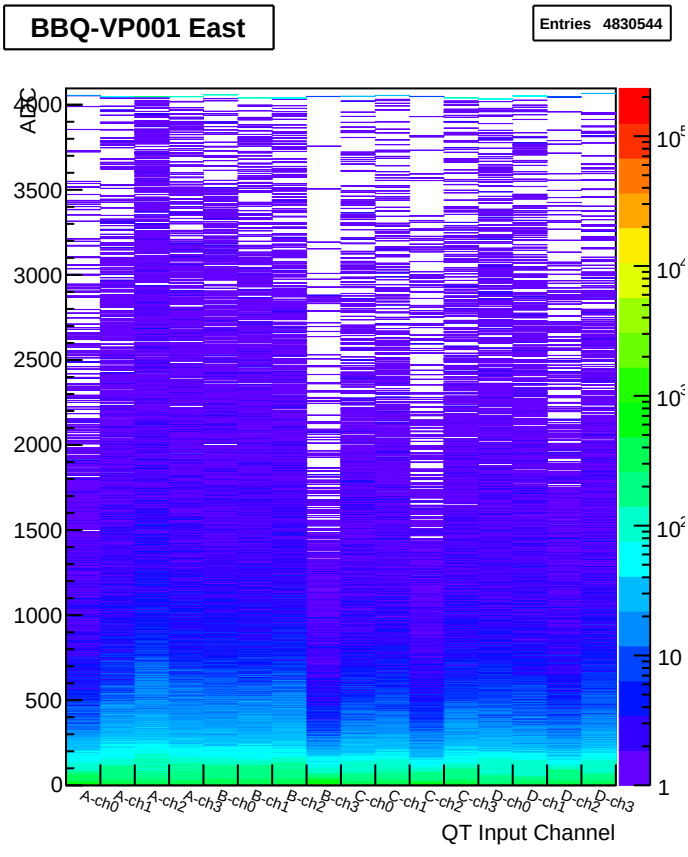

BBQ-BB001 (BBC east small tiles TAC)
Entries 4830544
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

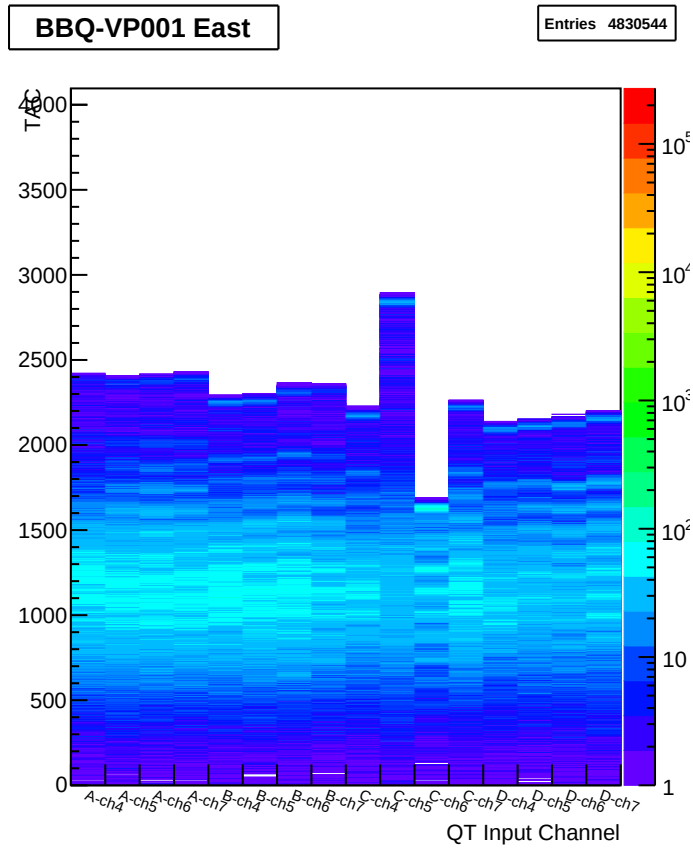

BBQ-BB002 (BBC west small tiles ADC)
Entries 4830544
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

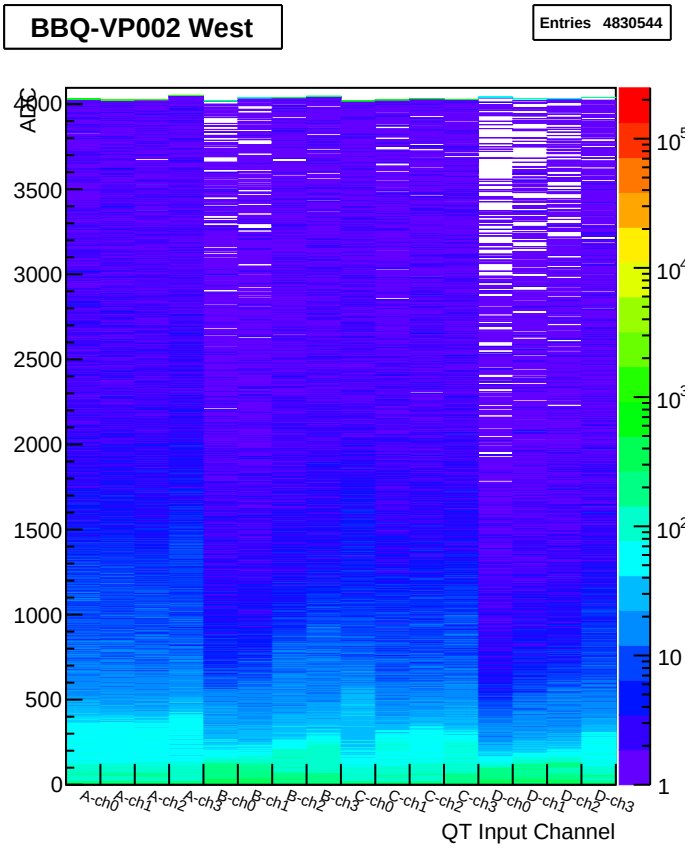

BBQ-BB002 (BBC west small tiles TAC)
Entries 4830544
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

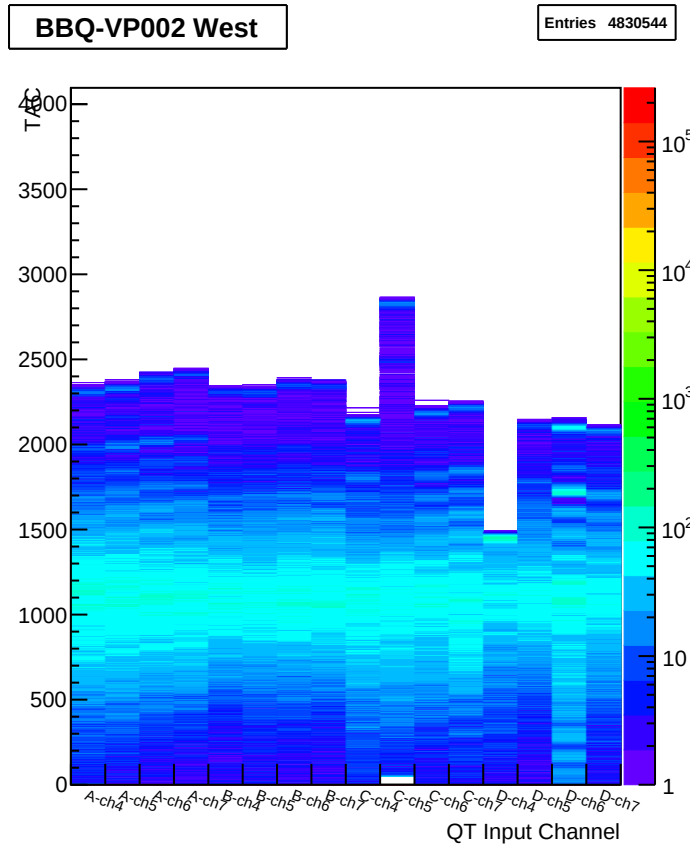

BBQ-ZD001 (ZDC TOWER)
Entries 4830544
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

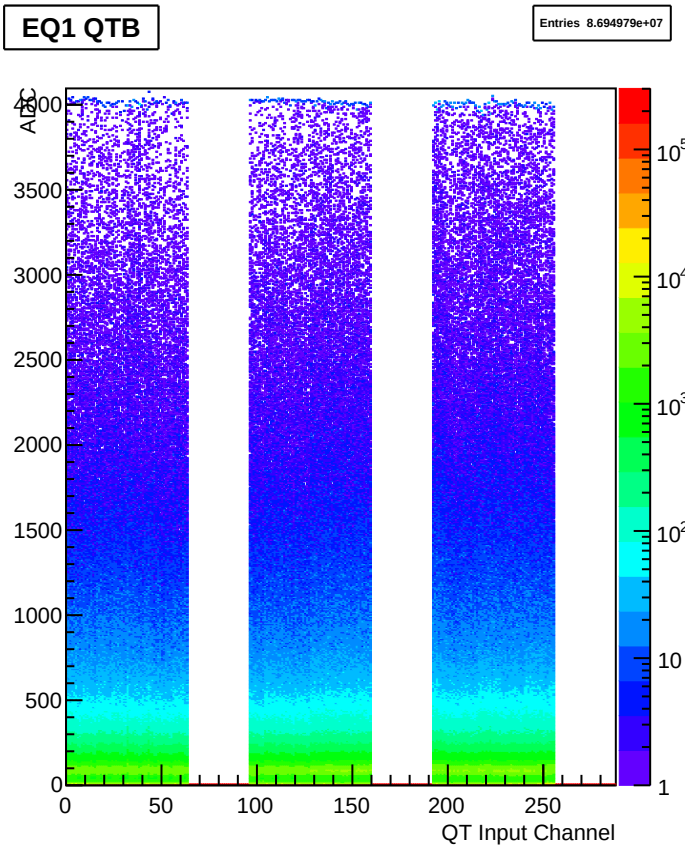

BBQ-ZD001 (ZDC TOWER)
Entries 4830544
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

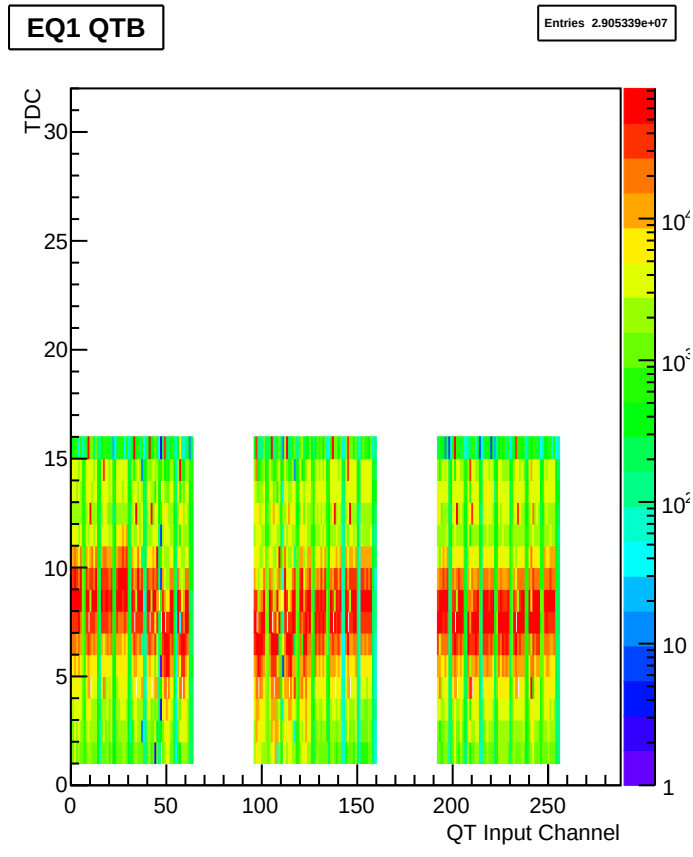

BBQ-VP001 East
Entries 4830544
ADC
QT Input Channel

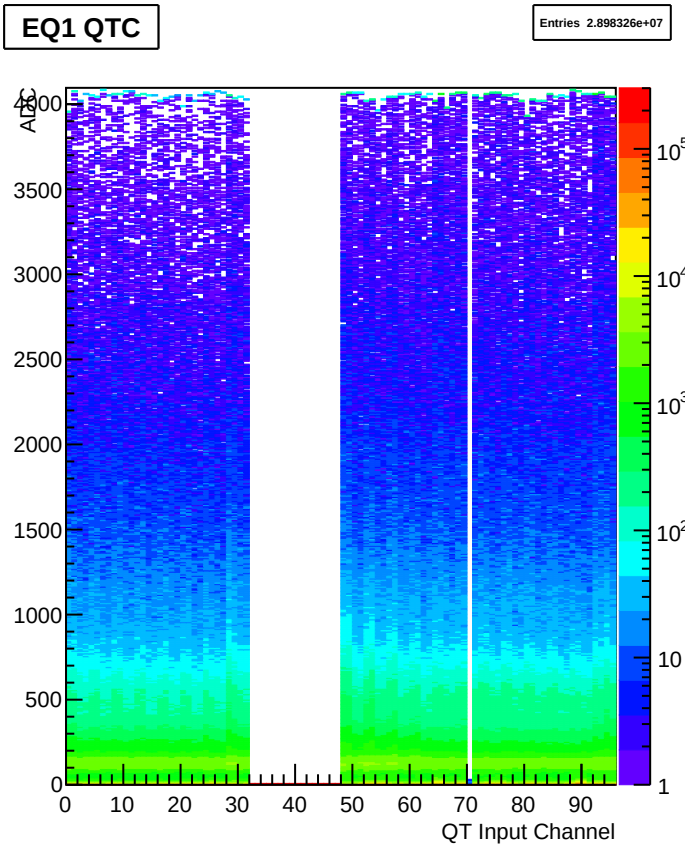

BBQ-VP001 East
Entries 4830544
TADC
QT Input Channel

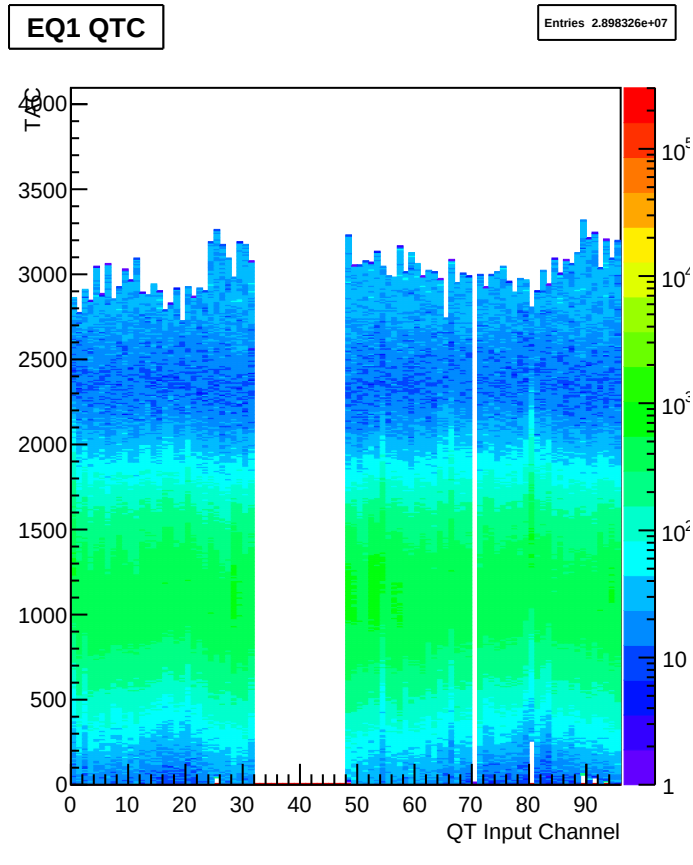

BBQ-VP002 West
Entries 4830544
ADC
QT Input Channel

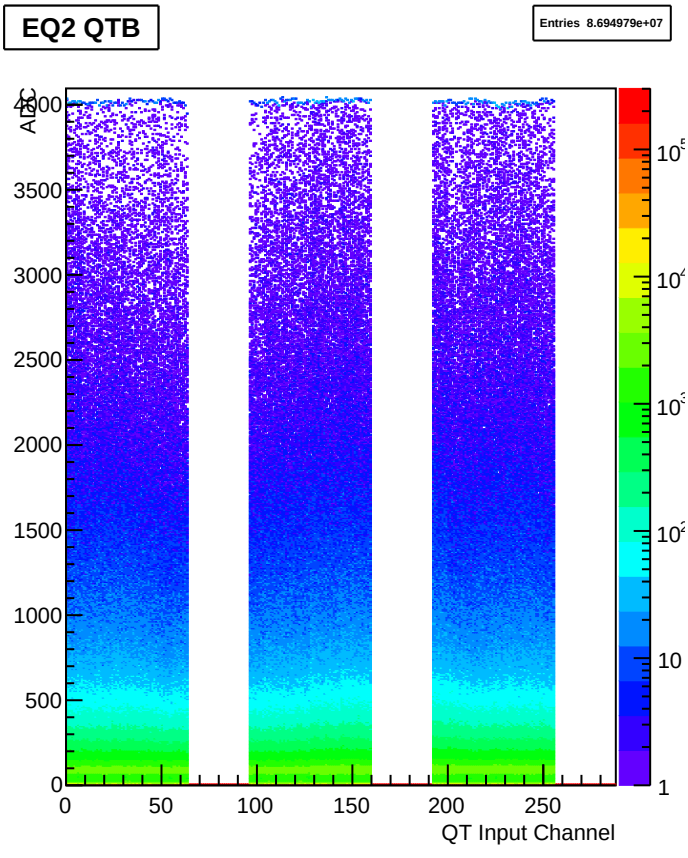

BBQ-VP002 West
Entries 4830544
TADC
QT Input Channel

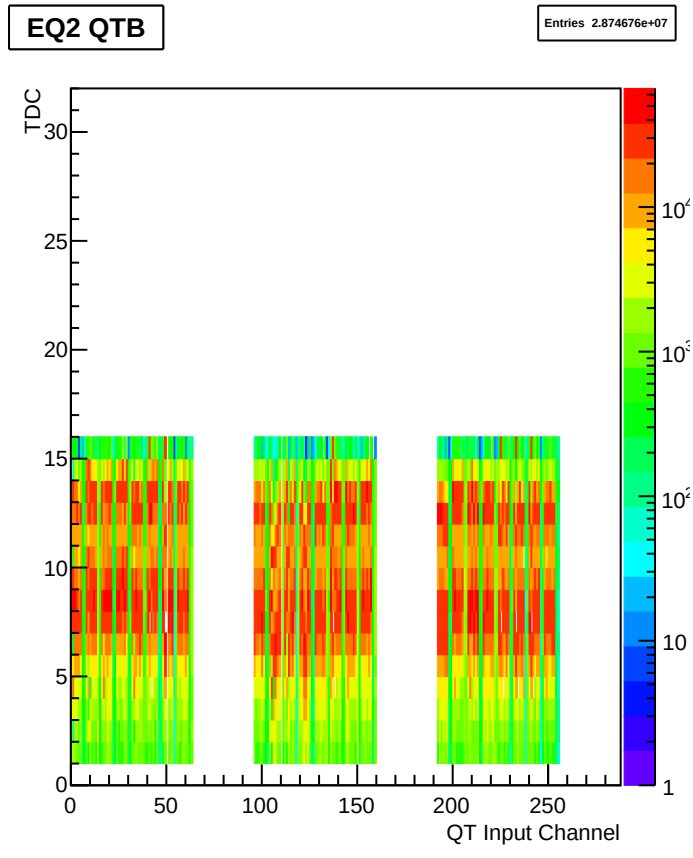

EQ1 QTB
Entries 8.694979e+07
ADC
QT Input Channel

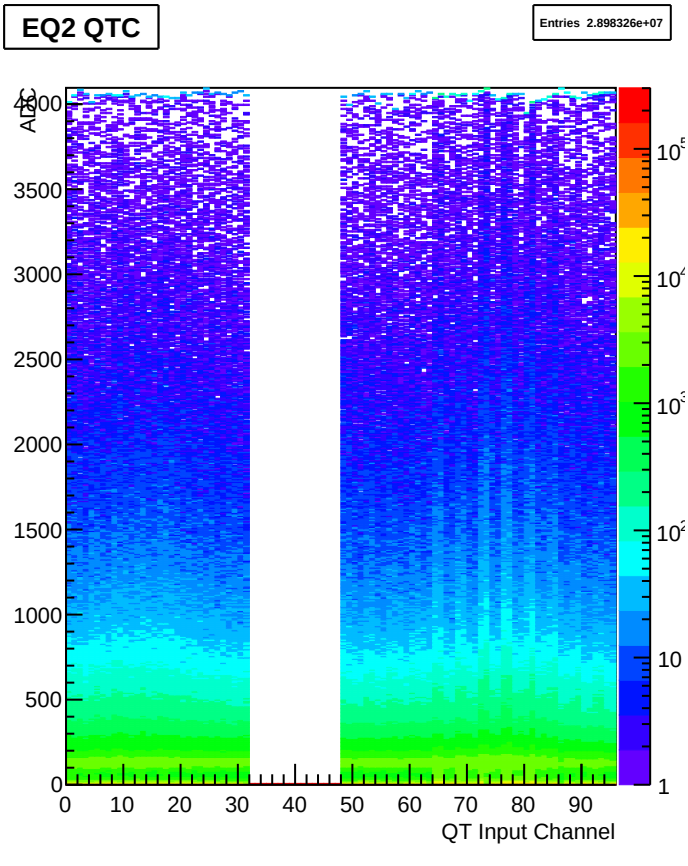

EQ1 QTB
Entries 2.905339e+07
TDC
QT Input Channel

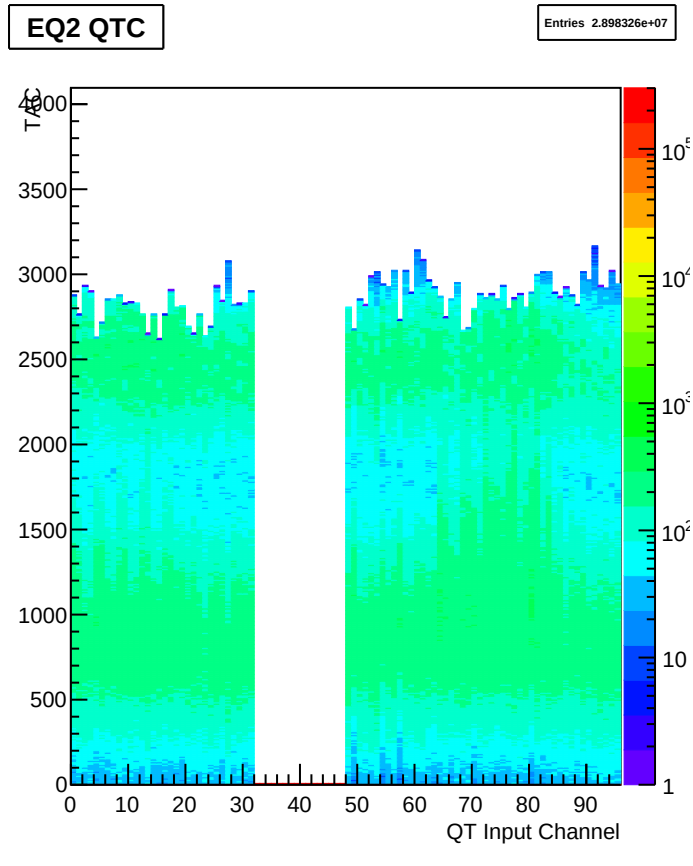

EQ1 QTC
Entries 2.898326e+07
ADC
QT Input Channel

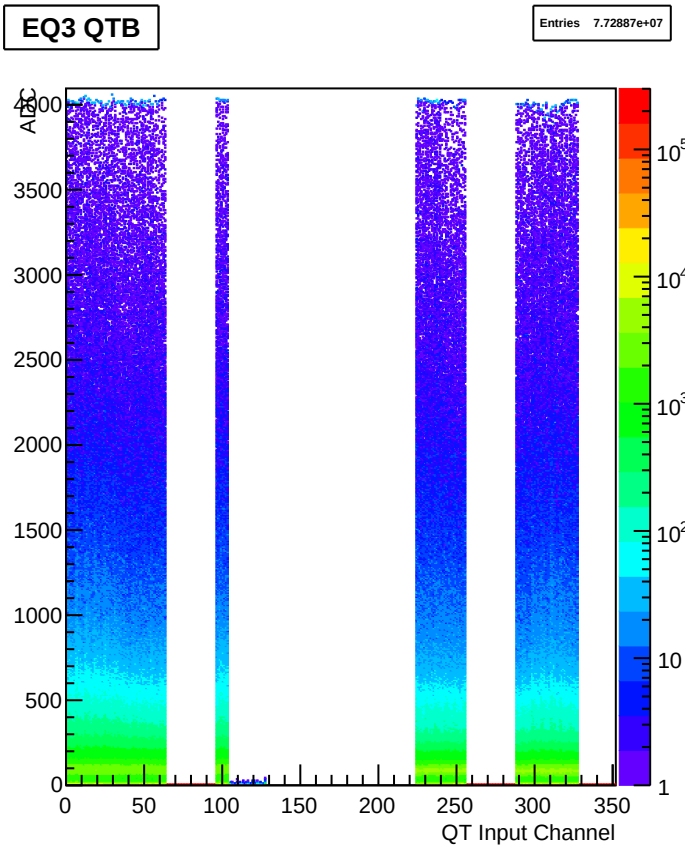

EQ1 QTC
Entries 2.898326e+07
TADC
QT Input Channel

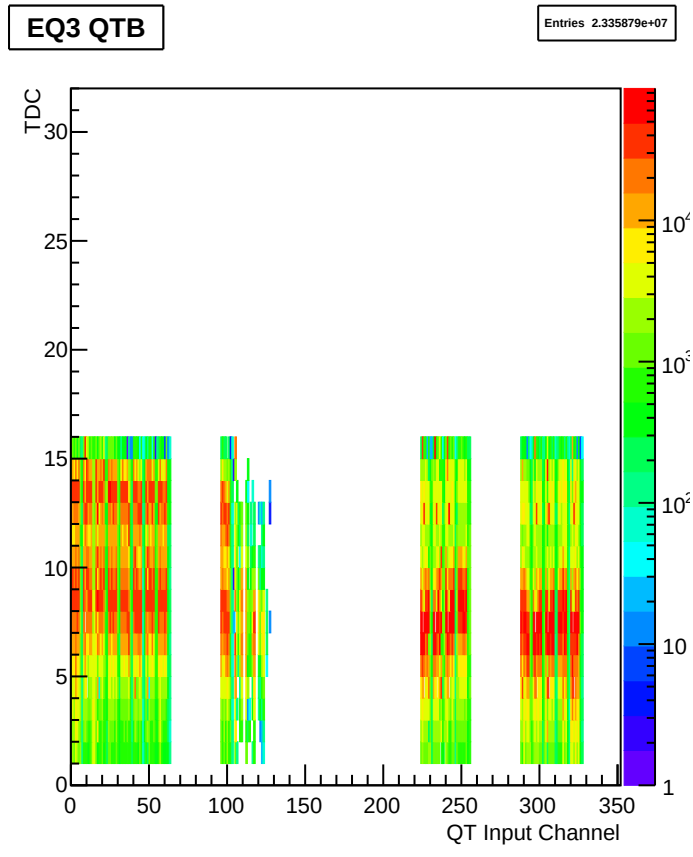

EQ2 QTB
Entries 8.694979e+07
ADC
QT Input Channel

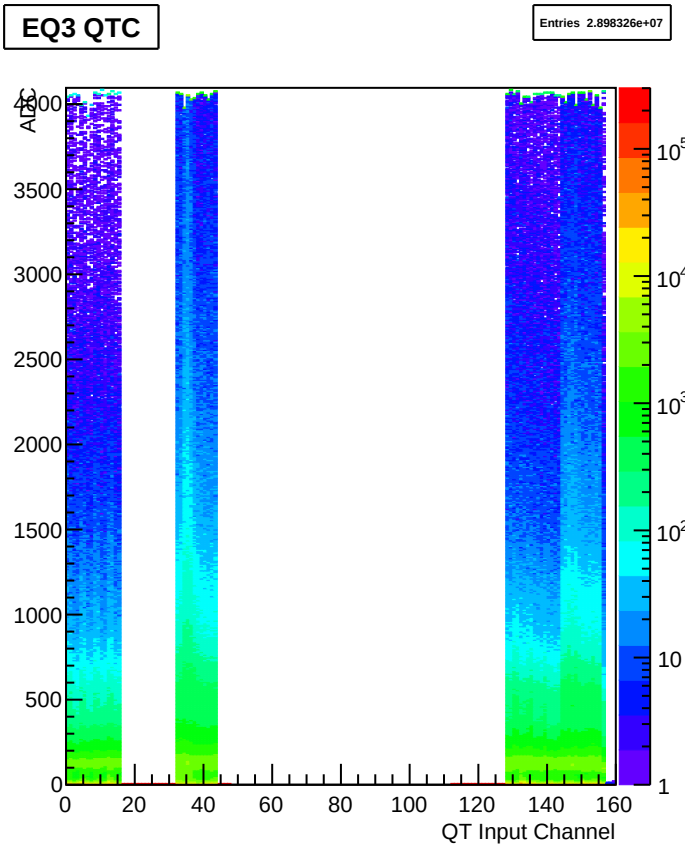

EQ2 QTB
Entries 2.874676e+07
TDC
QT Input Channel

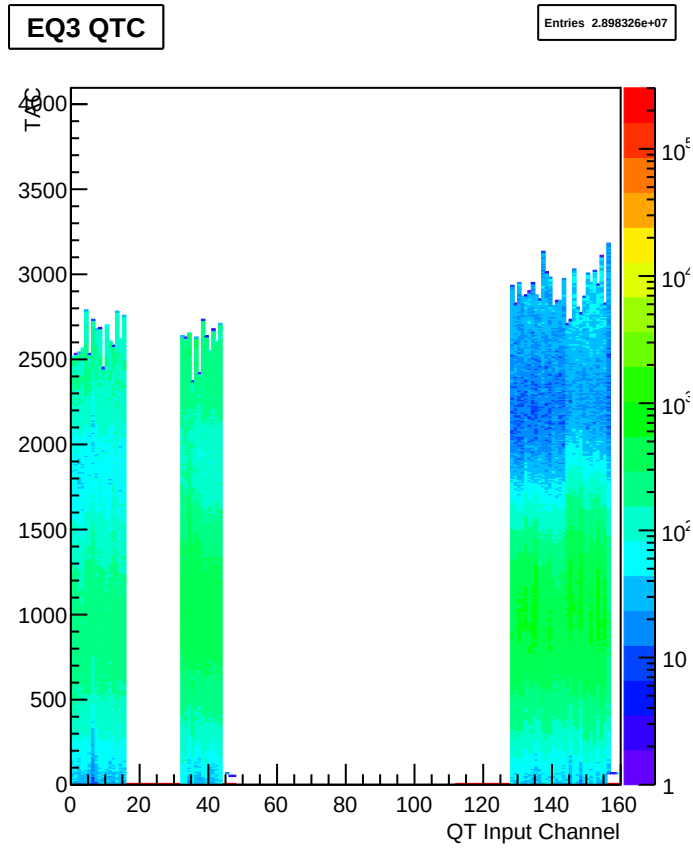

EQ2 QTC
Entries 2.898326e+07
ADC
QT Input Channel

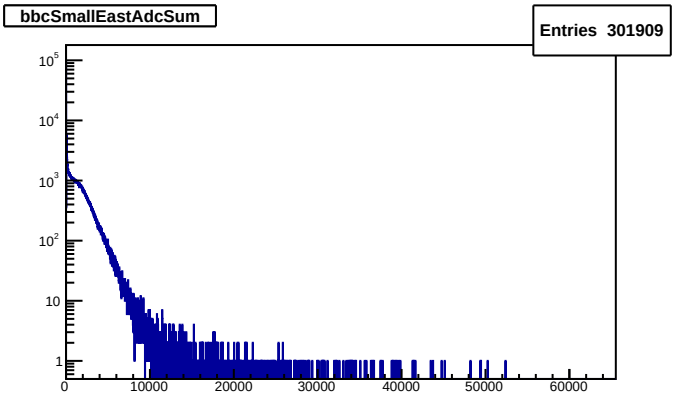

EQ2 QTC
Entries 2.898326e+07
TADC
QT Input Channel

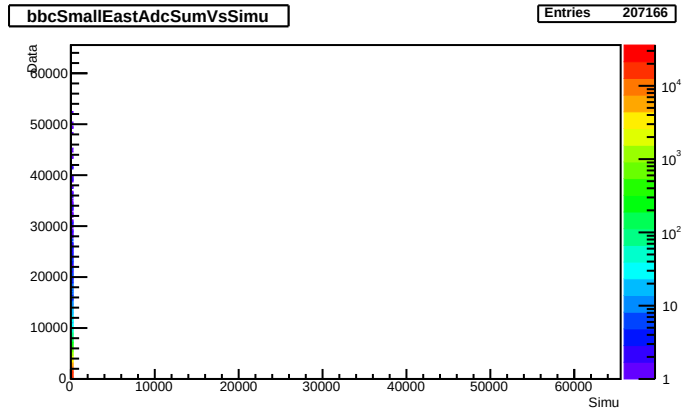

EQ3 QTB
Entries 7.72887e+07
ADC
QT Input Channel

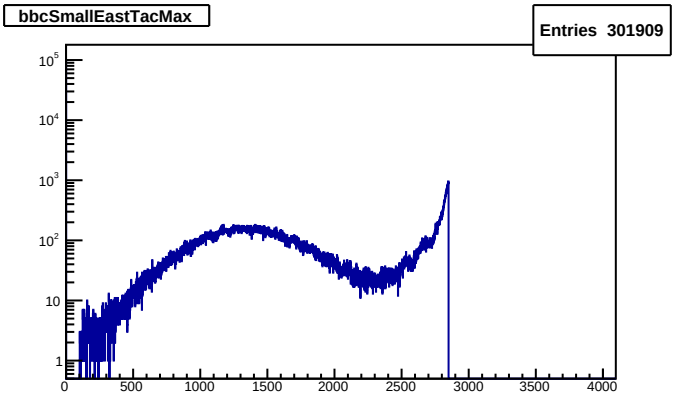

EQ3 QTB
Entries 2.335879e+07
TDC
QT Input Channel

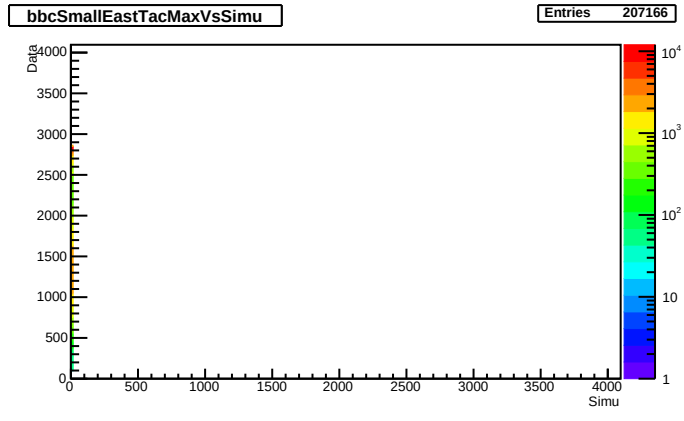

EQ3 QTC
Entries 2.898326e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.898326e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 301909


bbcSmallEastAdcSumVsSimu
Entries 207166
Data
Simu


bbcSmallEastTacMax
Entries 301909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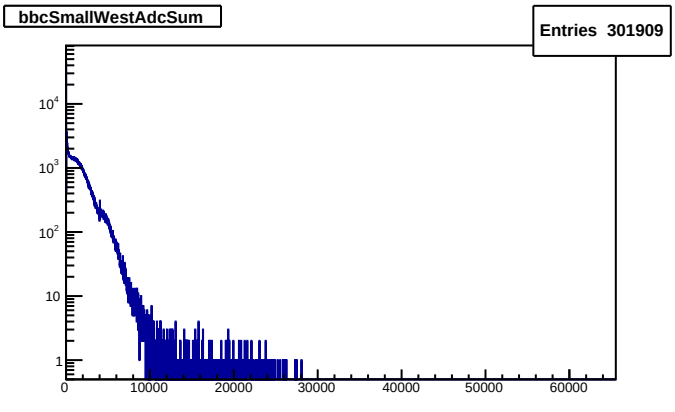
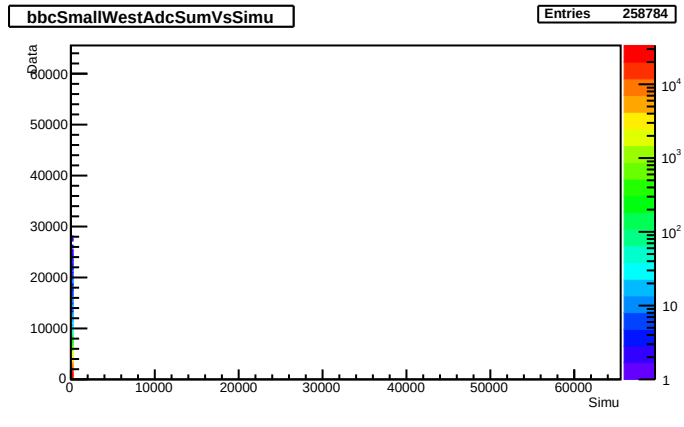
Entries 207166
Data
Simu


bbcSmallWestAdcSum
Entries 301909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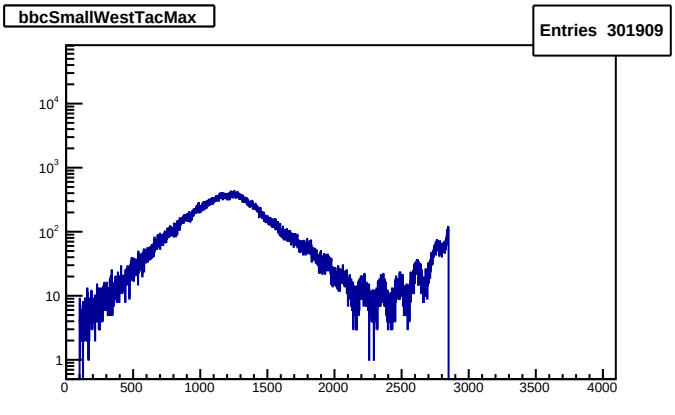
Entries 258784
Data
Simu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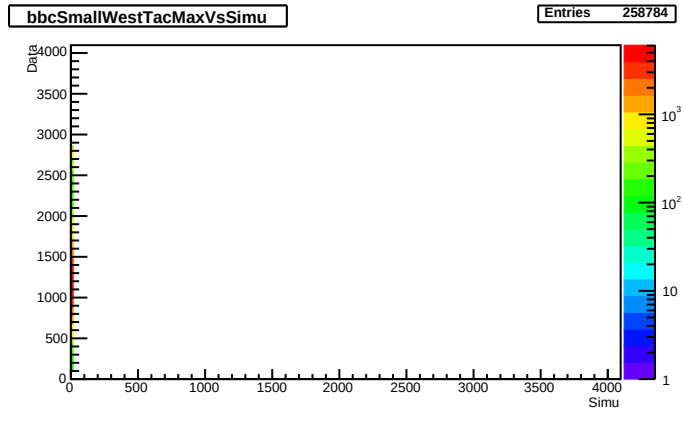
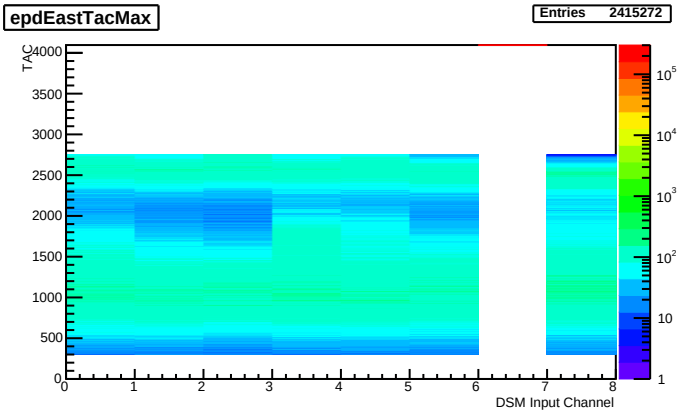
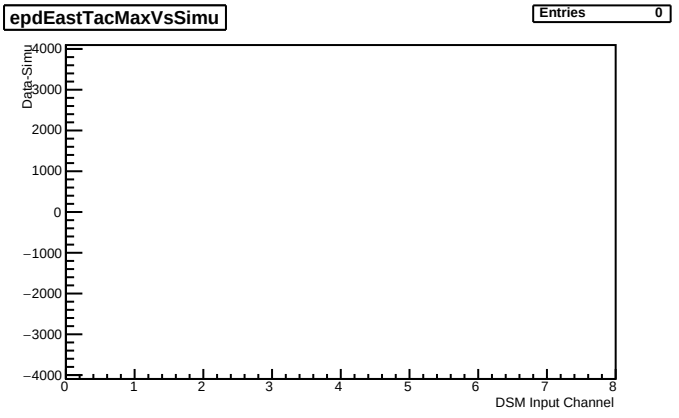
Entries 301909


bbcSmallWestTacMaxVsSimu
Entries 258784
Data
Simu


epdEastTacMax
Entries 2415272
TAC
DSM Input Channel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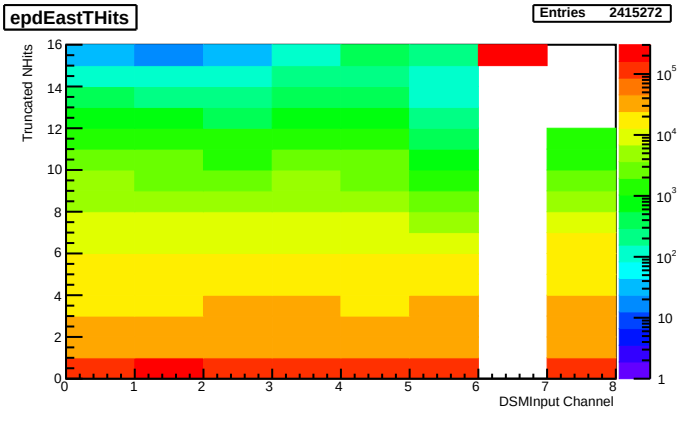
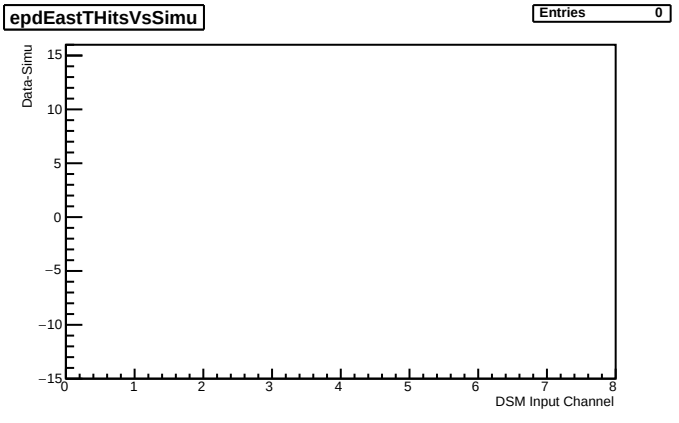
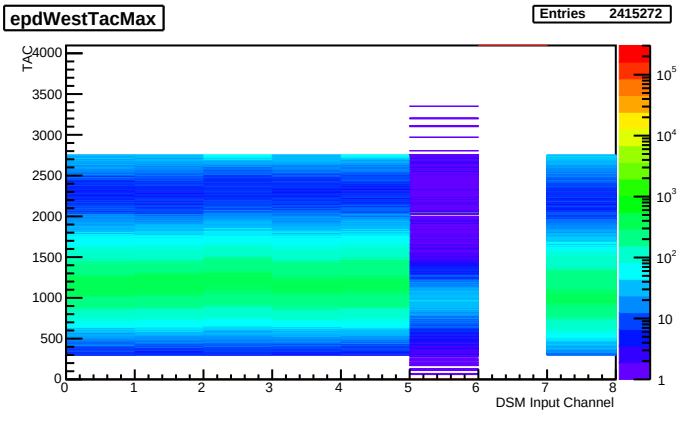
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2415272
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel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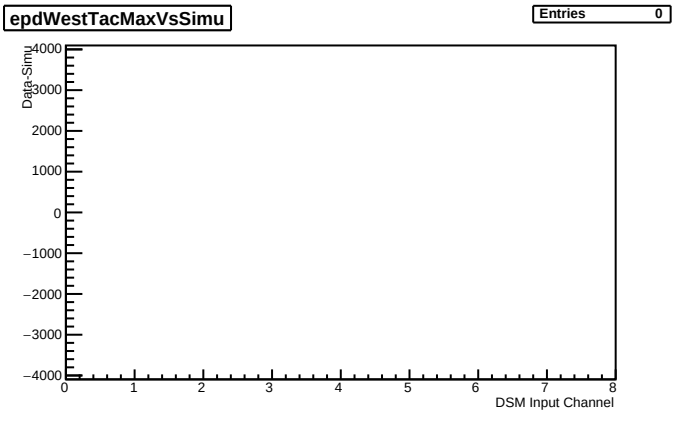
Entries 2415272
TAC
DSM Input Channel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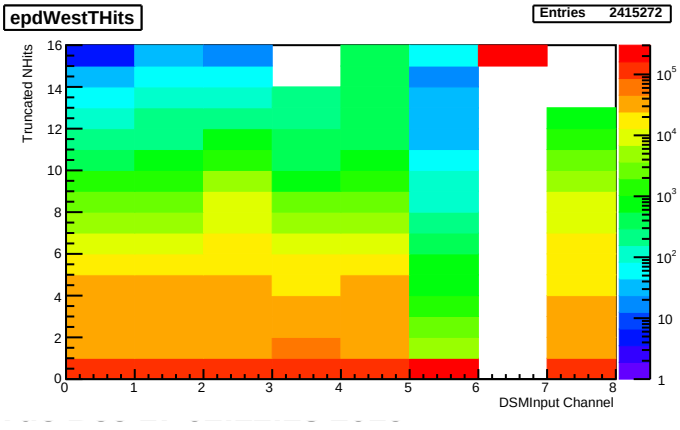
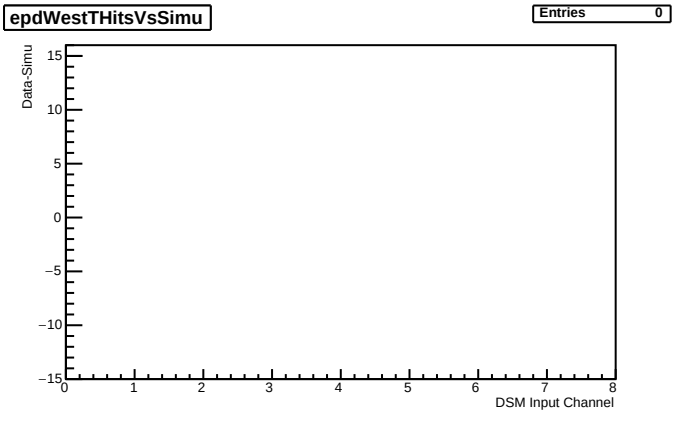
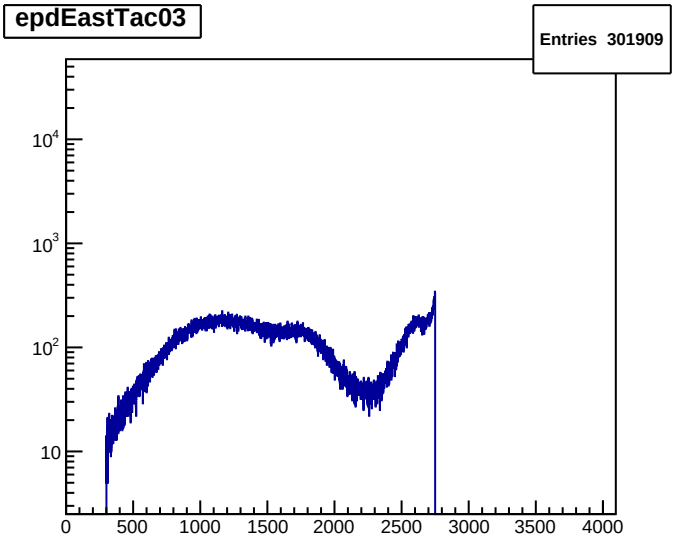
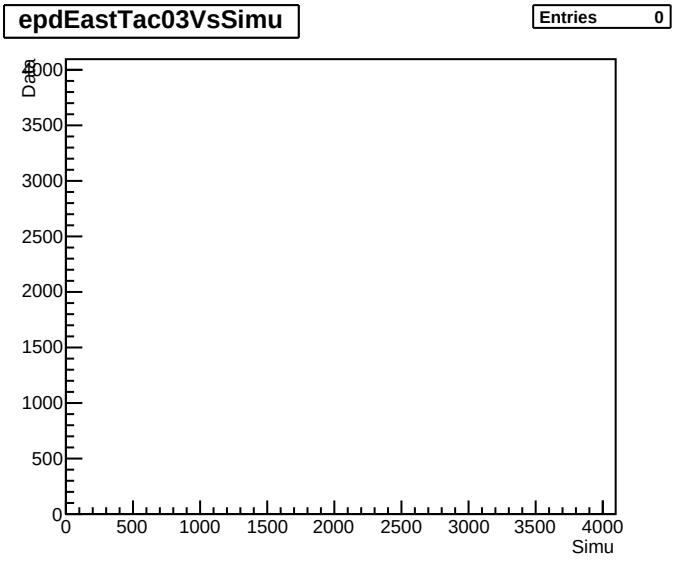
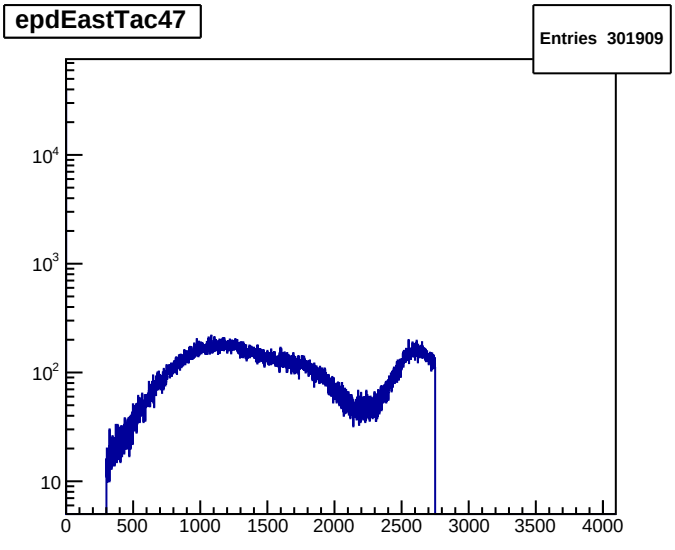
Entries 0
Data-Simu
DSM Input Channel

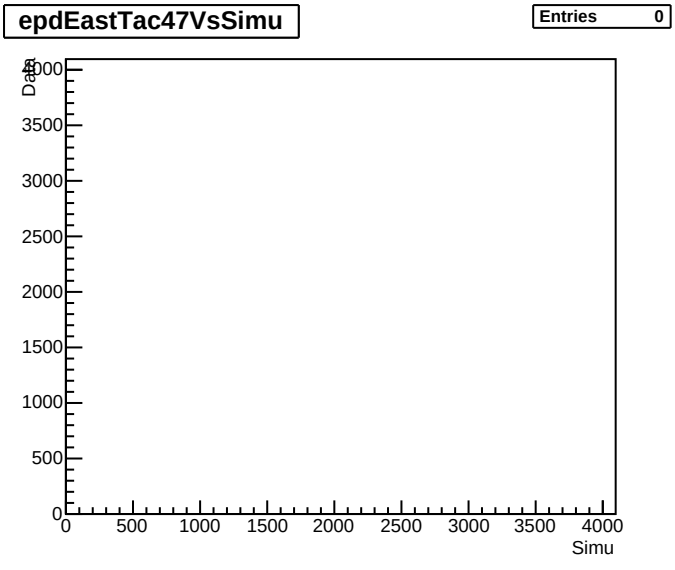

epdWestTHits
Entries 2415272
Truncated NHits
DSMInput Channel

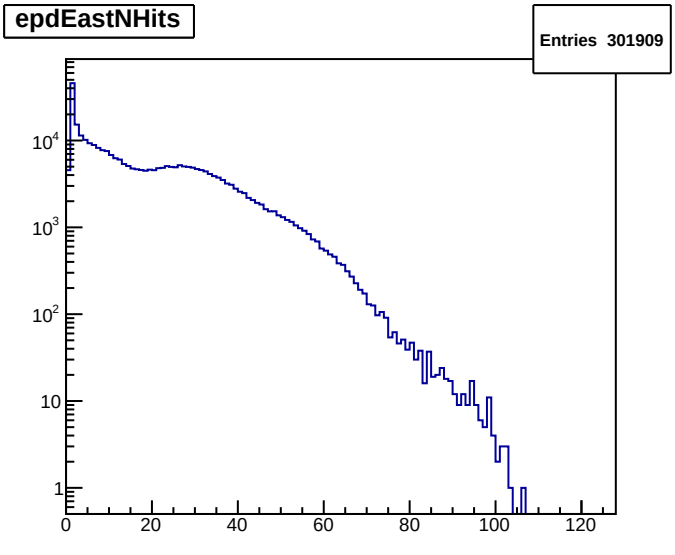

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

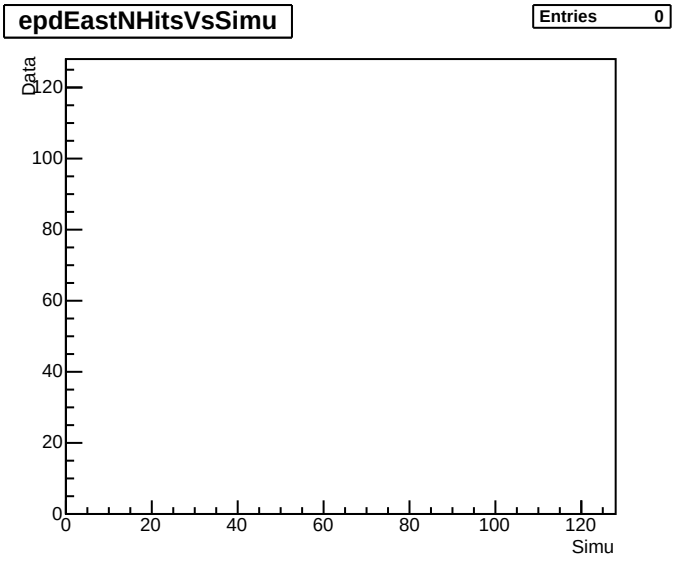

epdEastTac03
Entries 301909


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 301909


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 301909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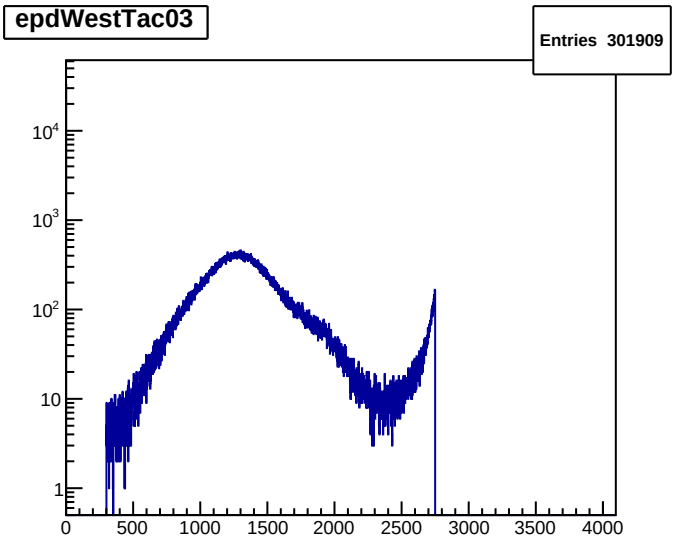
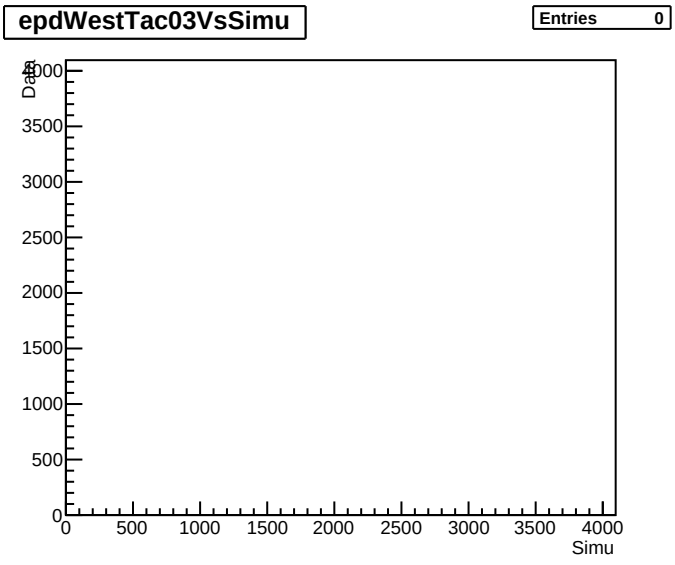
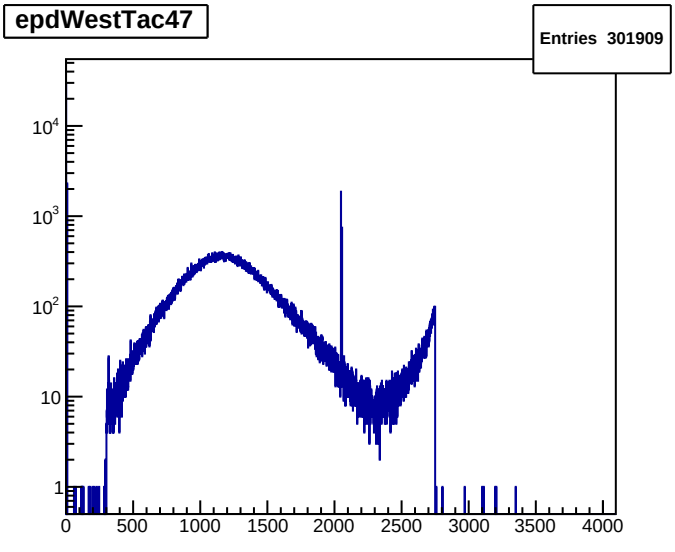
Entries 0
Data
Simu


epdWestTac03
Entries 301909


epdWestTac03VsSimu
Entries 0
Data
Simu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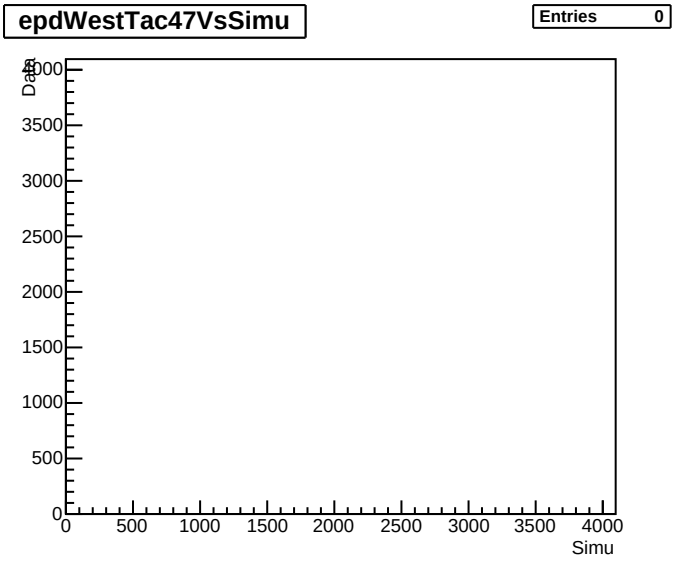
Entries 301909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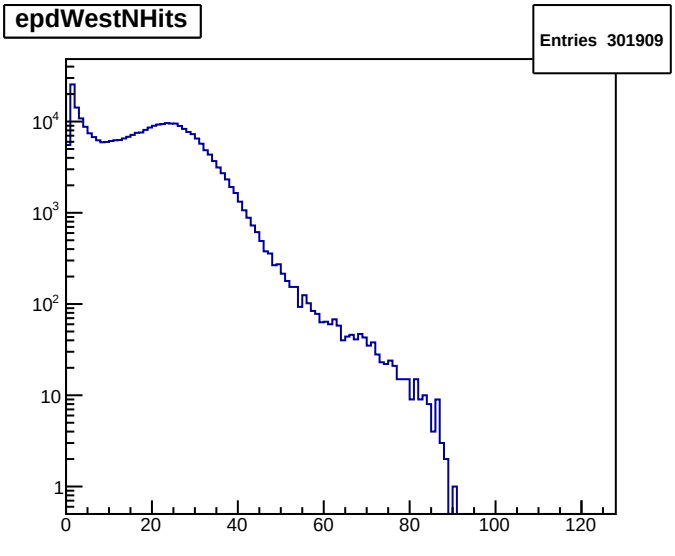
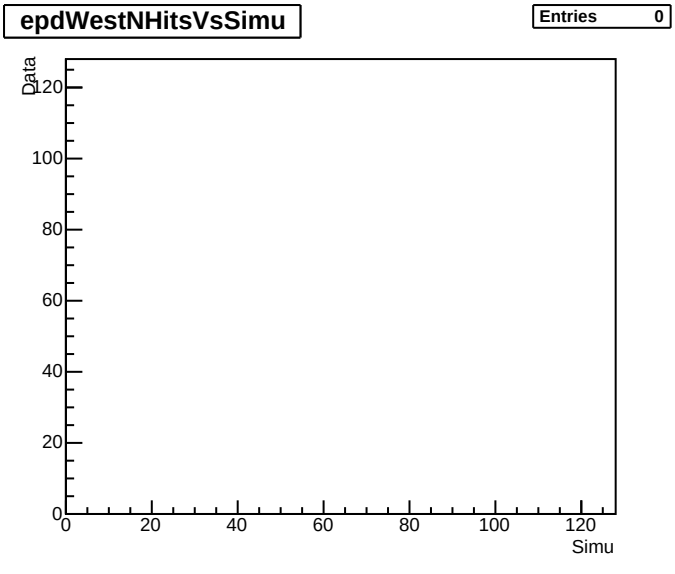
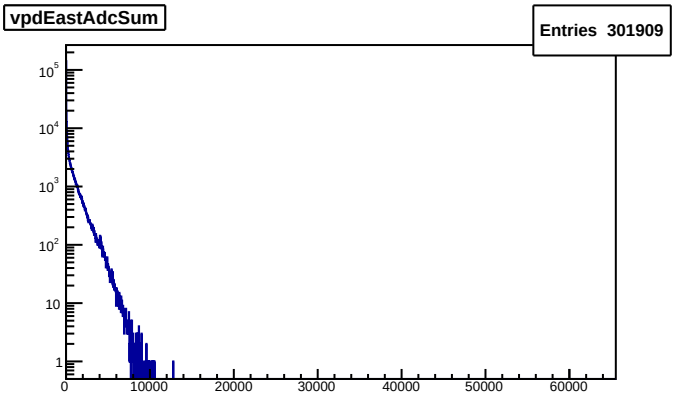
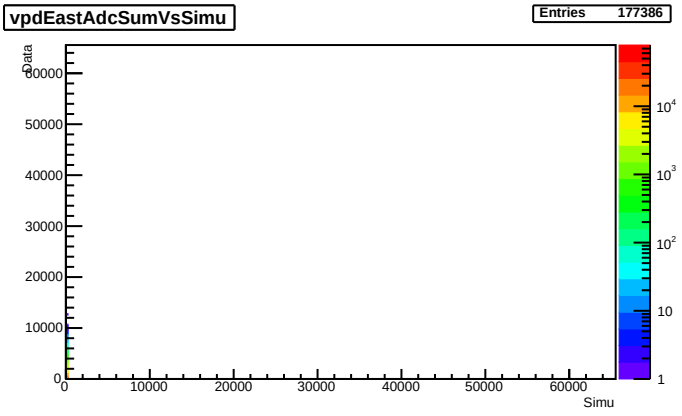
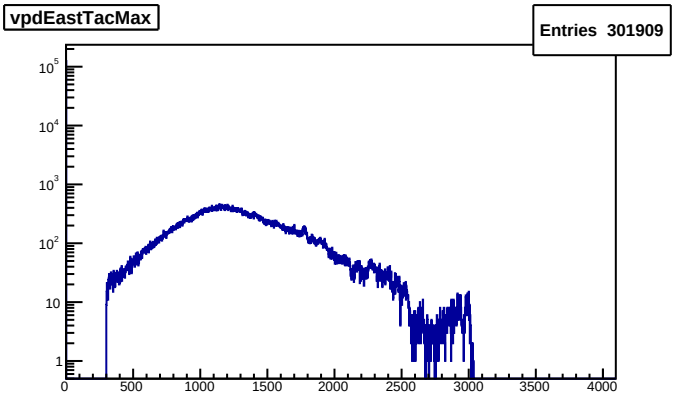
Entries 0
Data
Simu

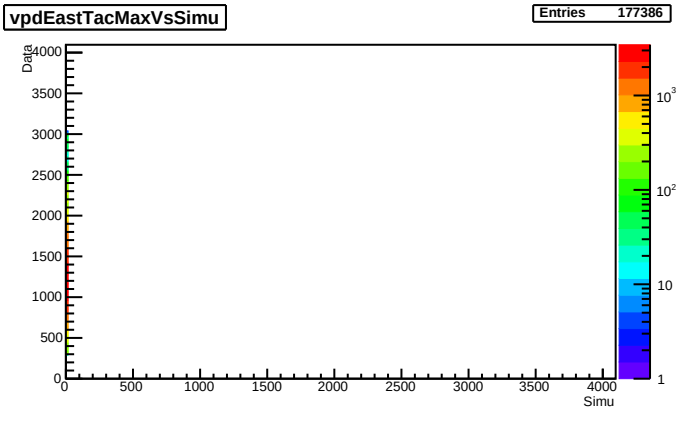

epdWestNHits
Entries 301909

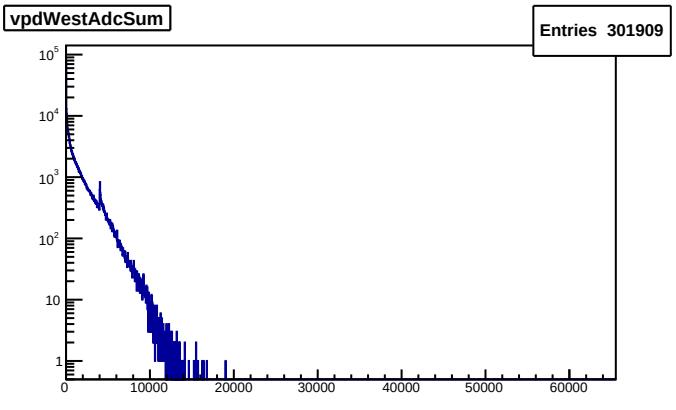

epdWestNHitsVsSimu
Entries 0
Data
Simu

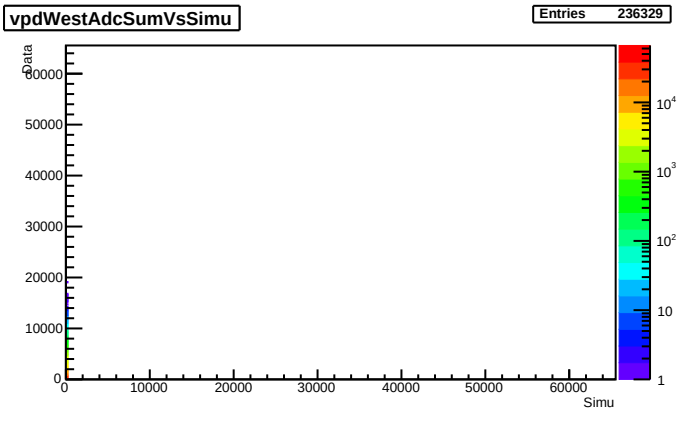

vpdEastAdcSum
Entries 301909

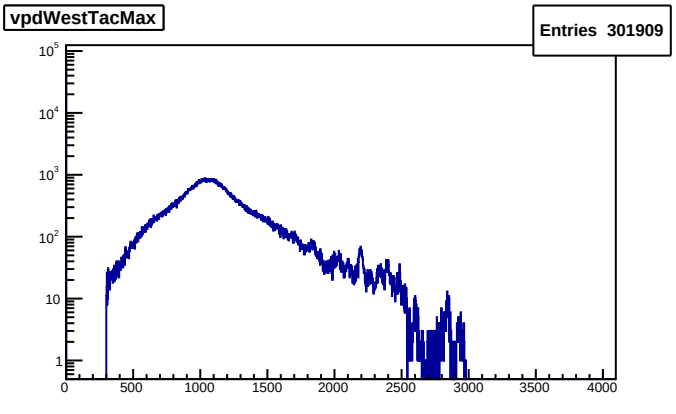

vpdEastAdcSumVsSimu
Entries 177386
Data
Simu

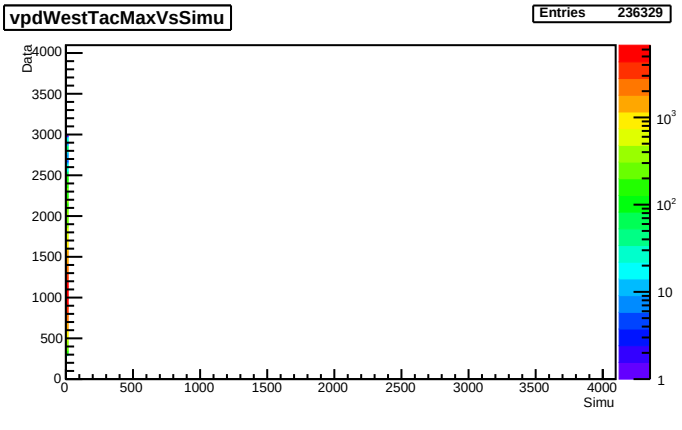

vpdEastTacMax
Entries 301909

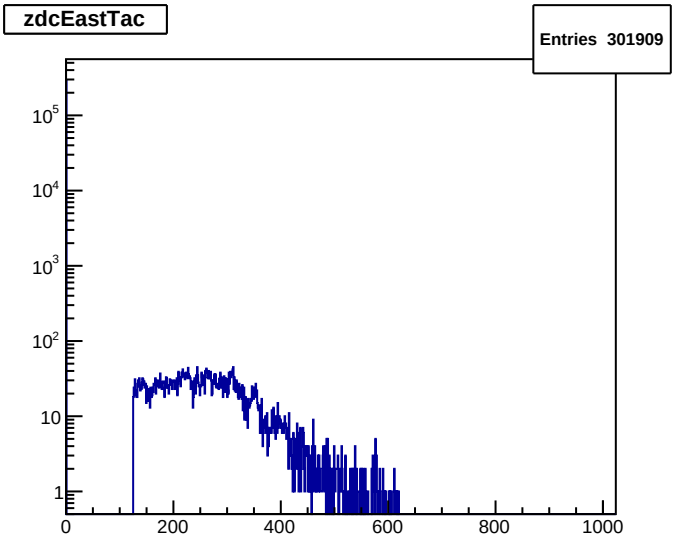

vpdEastTacMaxVsSimu
Entries 177386
Data
Simu

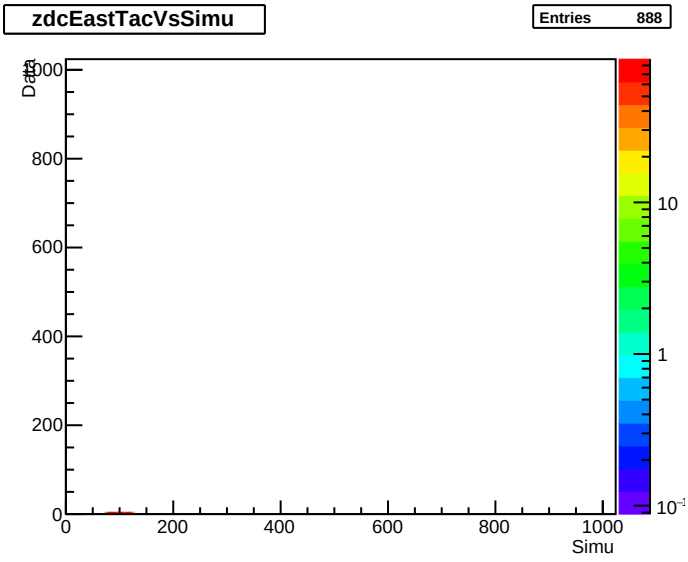

vpdWestAdcSum
Entries 301909

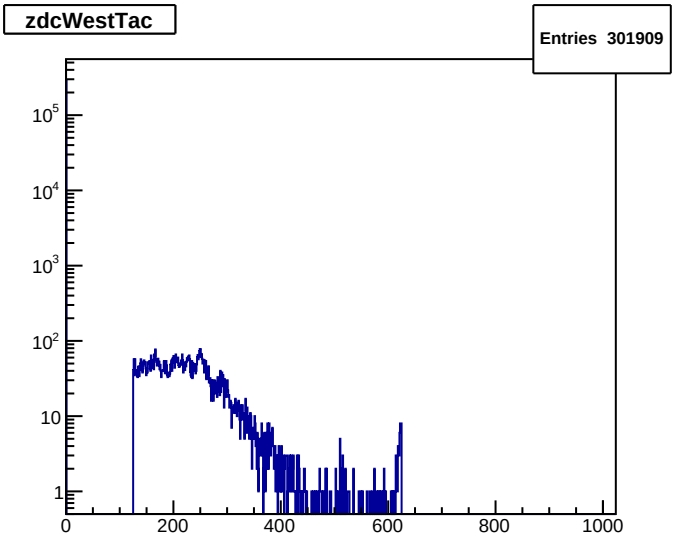

vpdWestAdcSumVsSimu
Entries 236329
Data
Simu

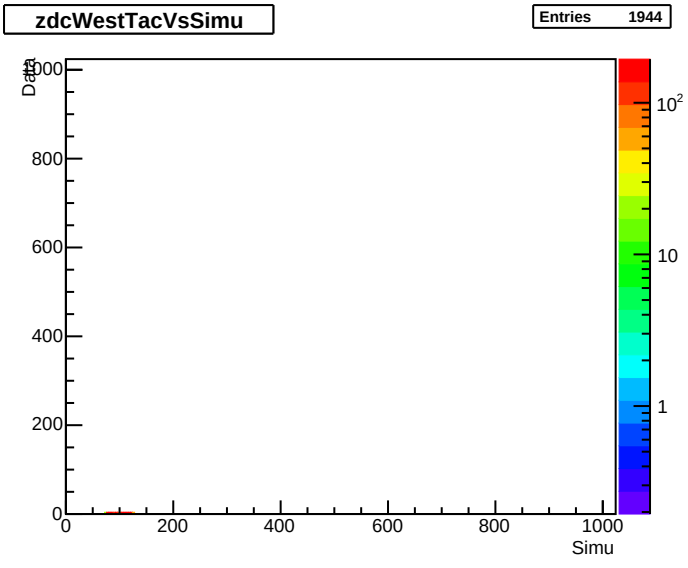

vpdWestTacMax
Entries 301909

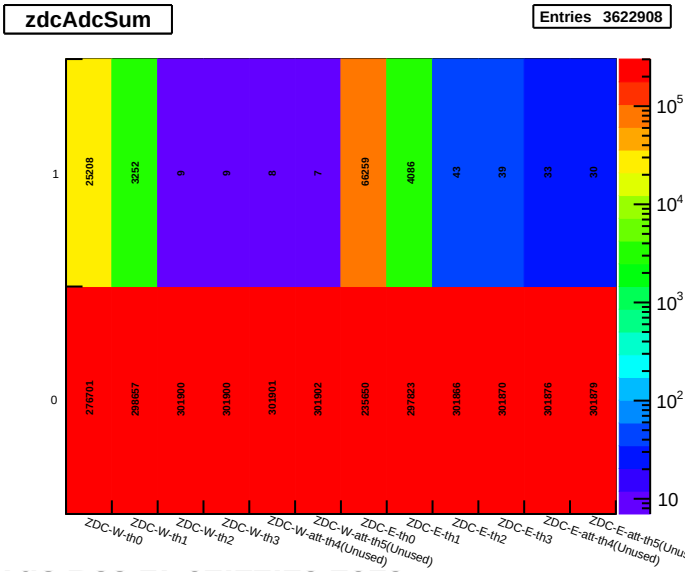

vpdWestTacMaxVsSimu
Entries 236329
Data
Simu

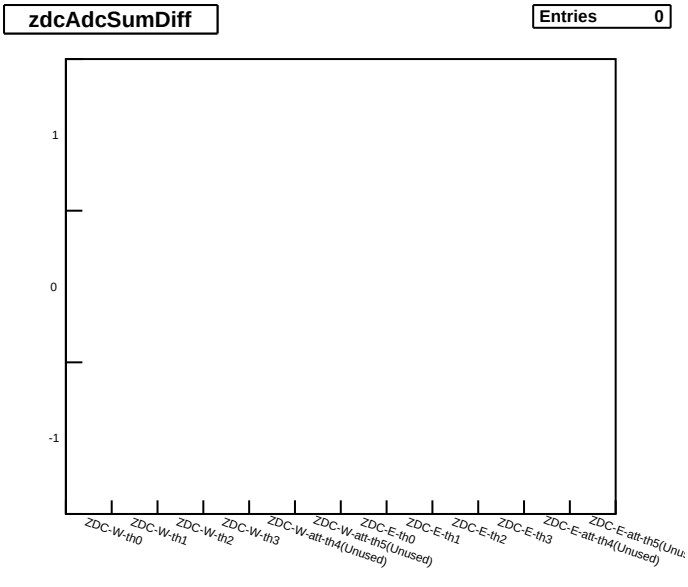

zdcEastTac
Entries 301909

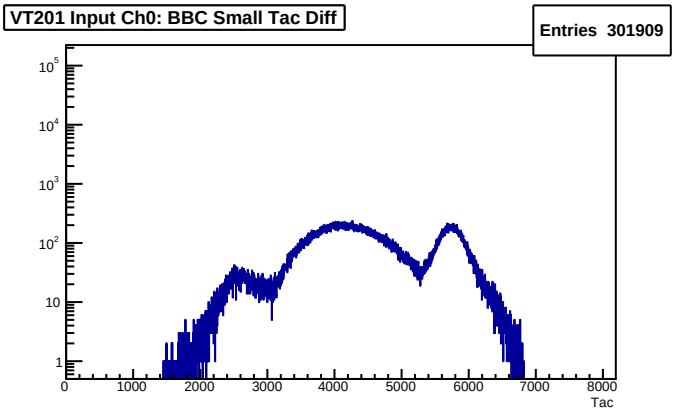

zdcEastTacVsSimu
Entries 888
Data
Simu

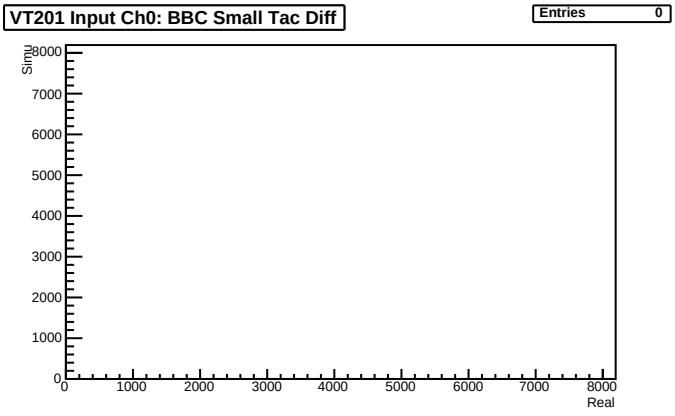

zdcWestTac
Entries 301909

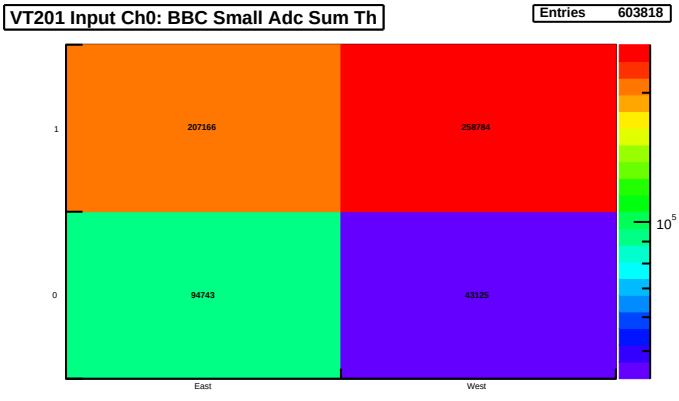

zdcWestTacVsSimu
Entries 1944
Data
Simu

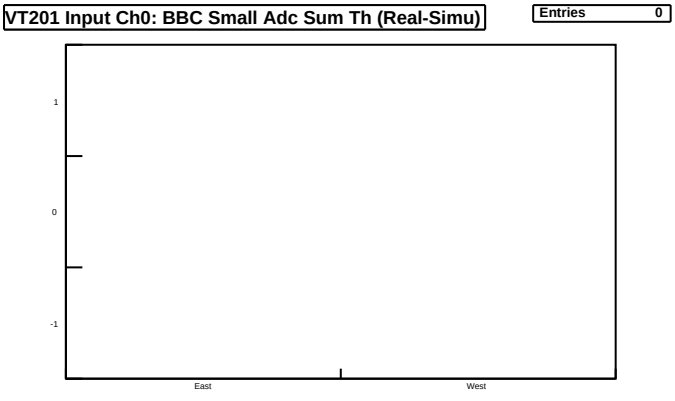

zdcAdcSum
Entries 3622908
25208
3252
9
9
8
7
66259
4086
43
39
33
30
276701
298657
301900
301900
301901
301902
235650
297823
301866
301870
301876
301879
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

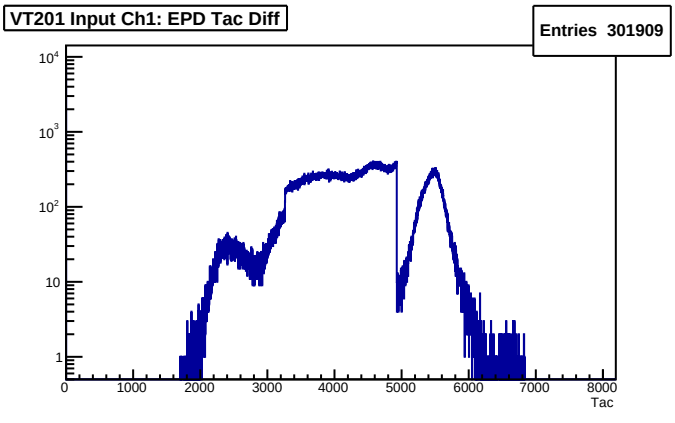

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

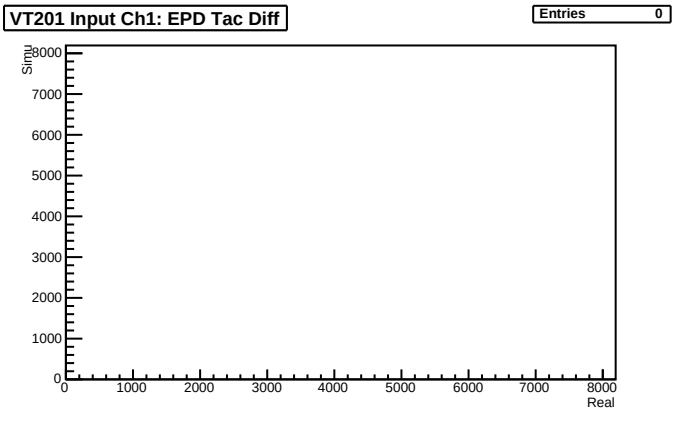

VT201 Input Ch0: BBC Small Tac Diff
Entries 301909
Tac

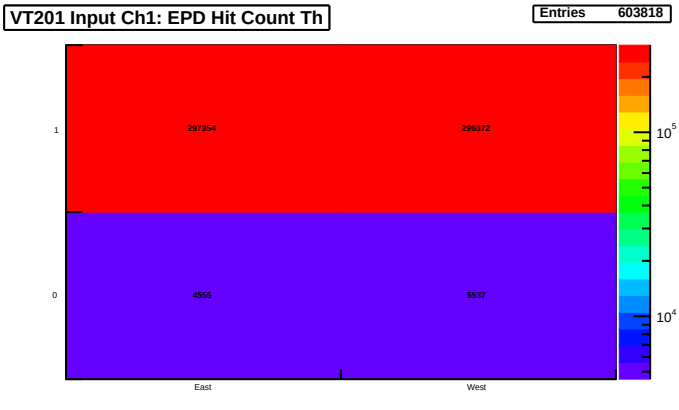

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

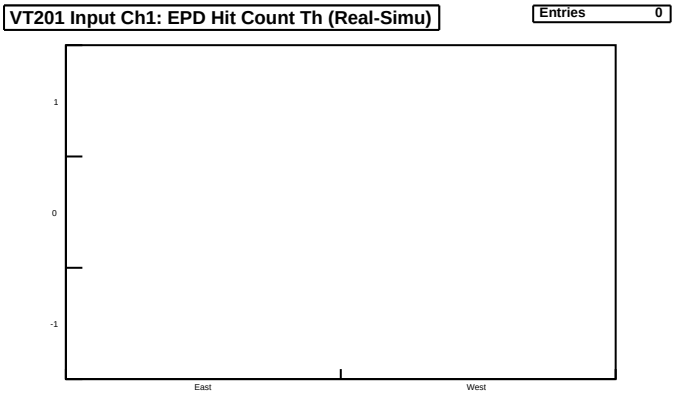

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 603818
207166
258784
94743
43125
East
West

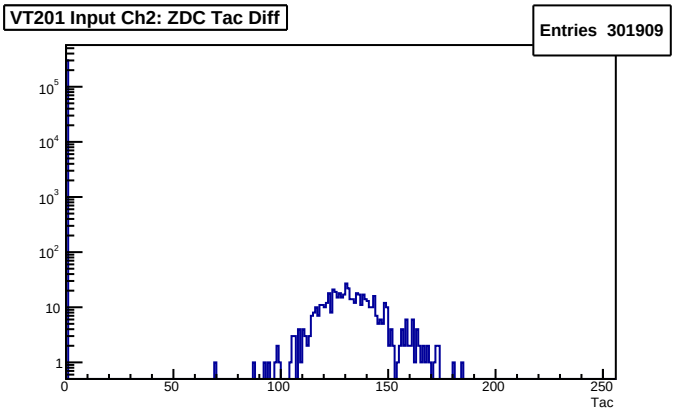

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

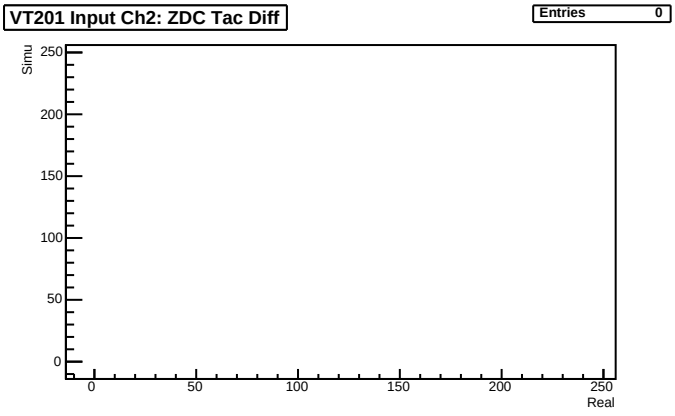

VT201 Input Ch1: EPD Tac Diff
Entries 301909
Tac

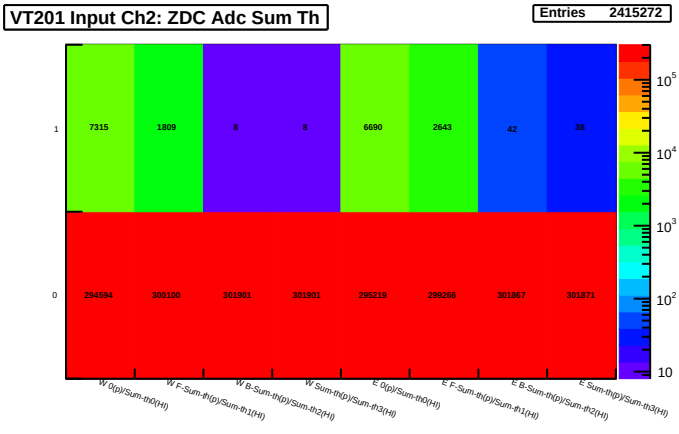

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

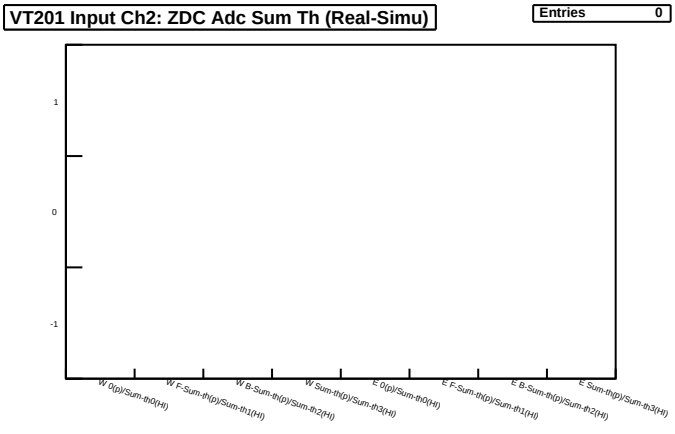

VT201 Input Ch1: EPD Hit Count Th
Entries 603818
297354
296372
4555
5537
East
West

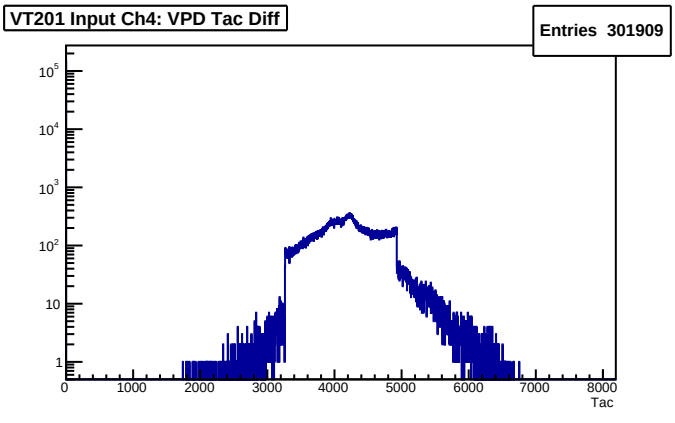

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

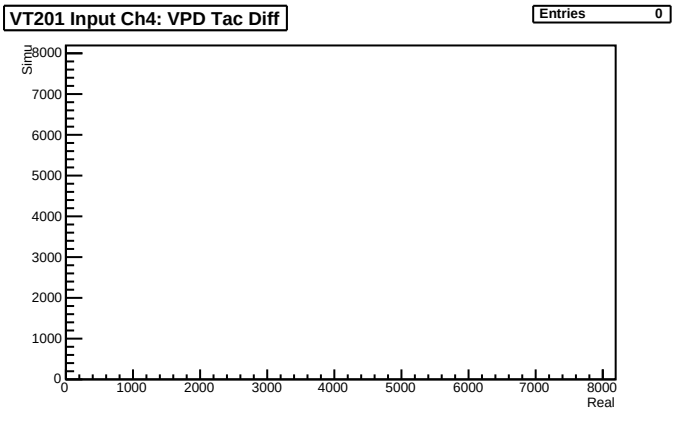

VT201 Input Ch2: ZDC Tac Diff
Entries 301909
Tac

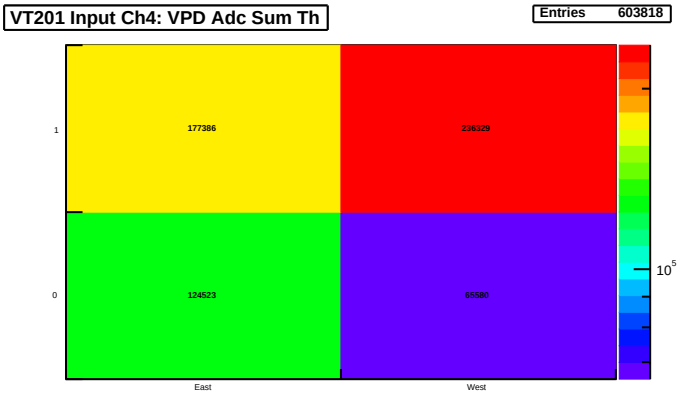

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

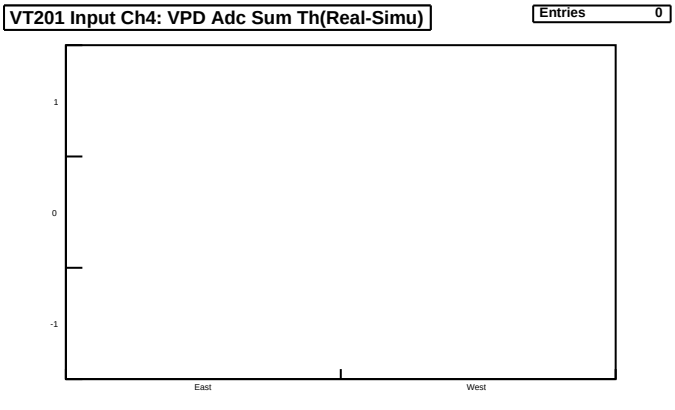

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2415272
7315
1809
8
8
6690
2643
42
38
294594
300100
301901
301901
295219
299266
301867
301871
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

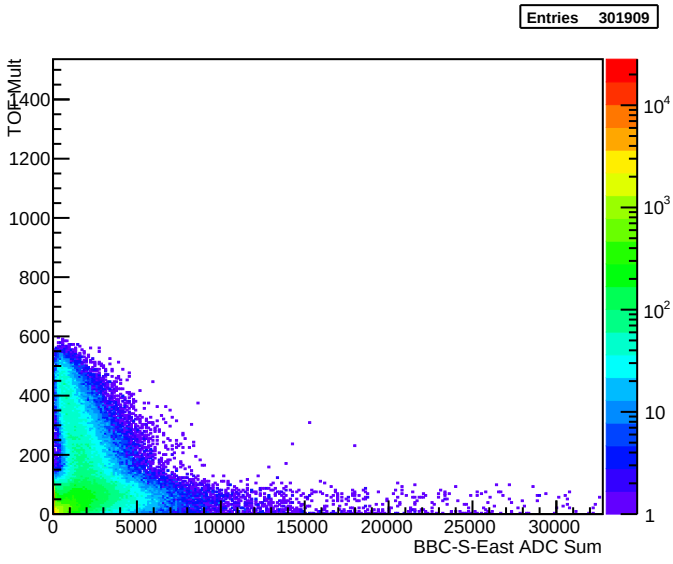

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

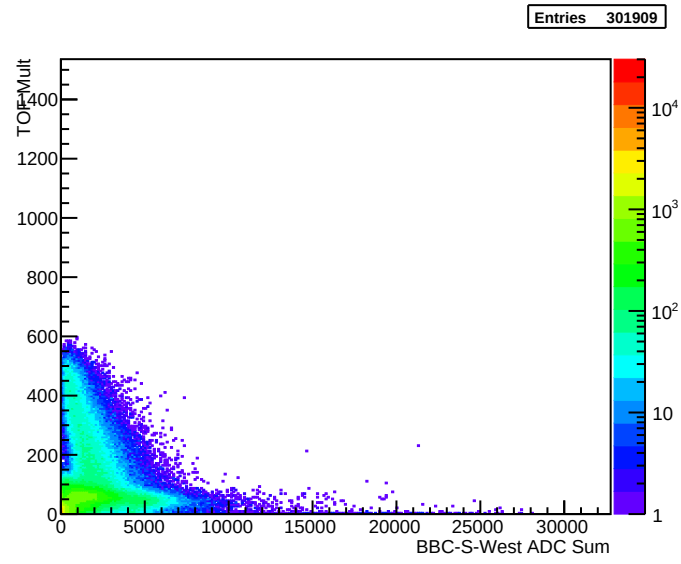

VT201 Input Ch4: VPD Tac Diff
Entries 301909
Tac

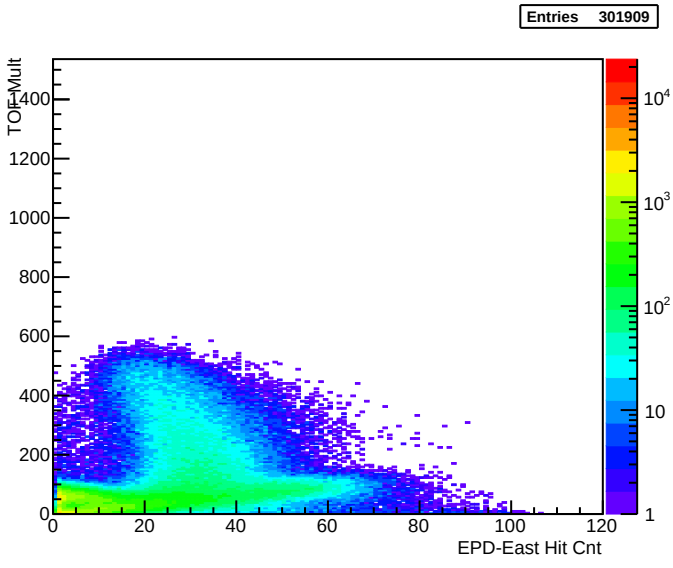

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

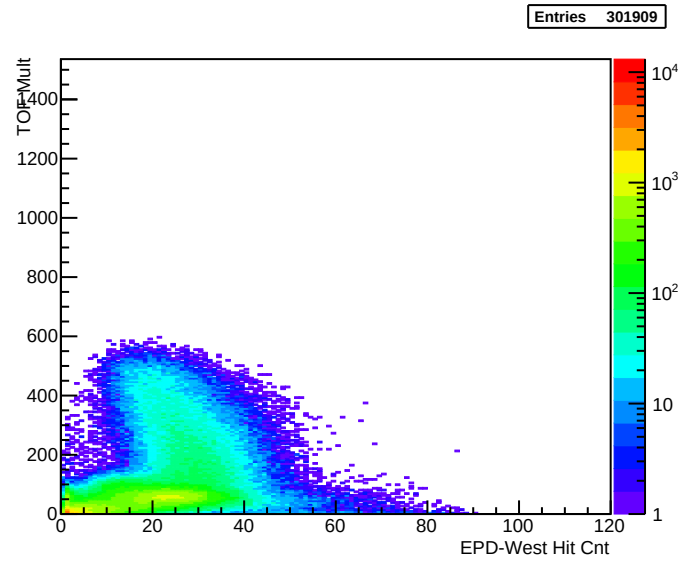

VT201 Input Ch4: VPD Adc Sum Th
Entries 603818
177386
230329
124523
65580
East
West

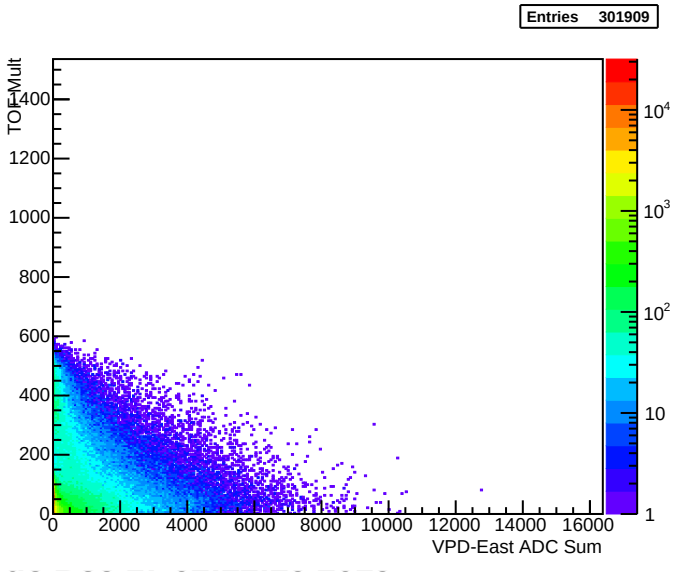

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

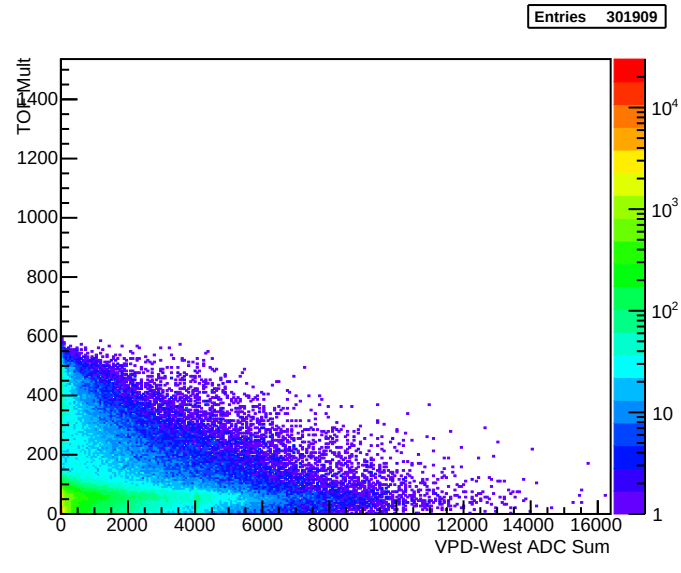

Entries 301909
TOF-Mult
BBC-S-East ADC Sum

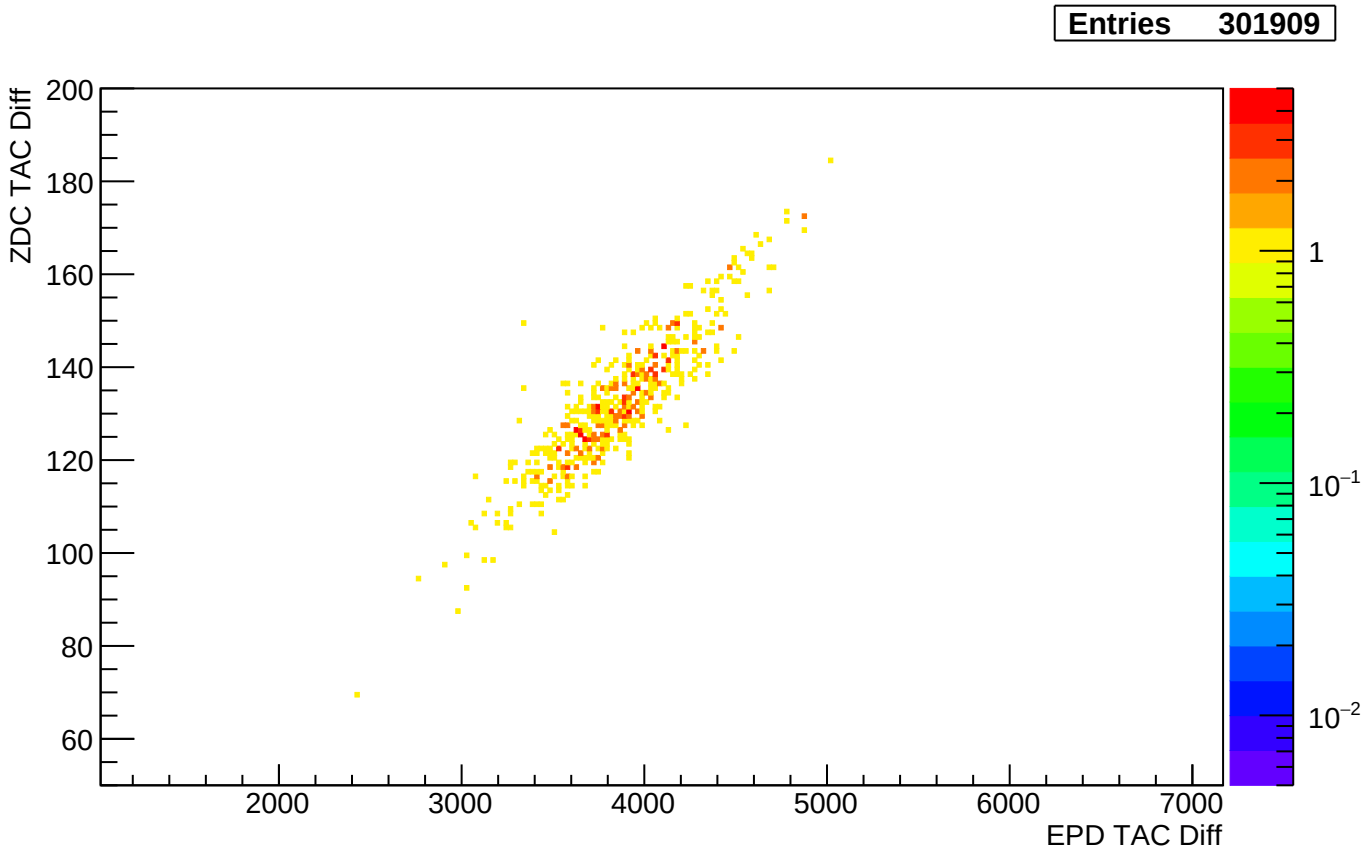

Entries 301909
TOF-Mult
BBC-S-West ADC Sum

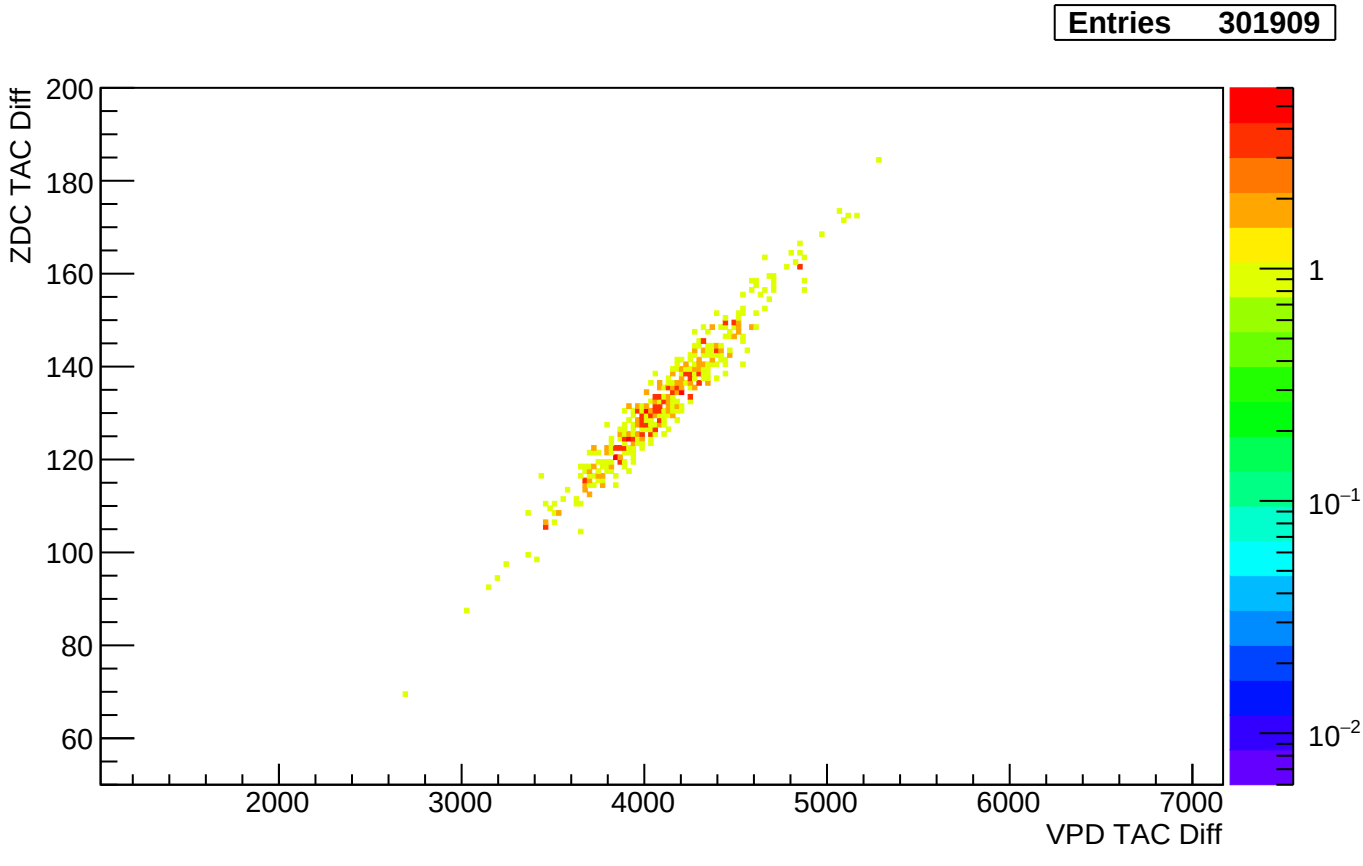

Entries 301909
TOF-Mult
EPD-East Hit Cnt

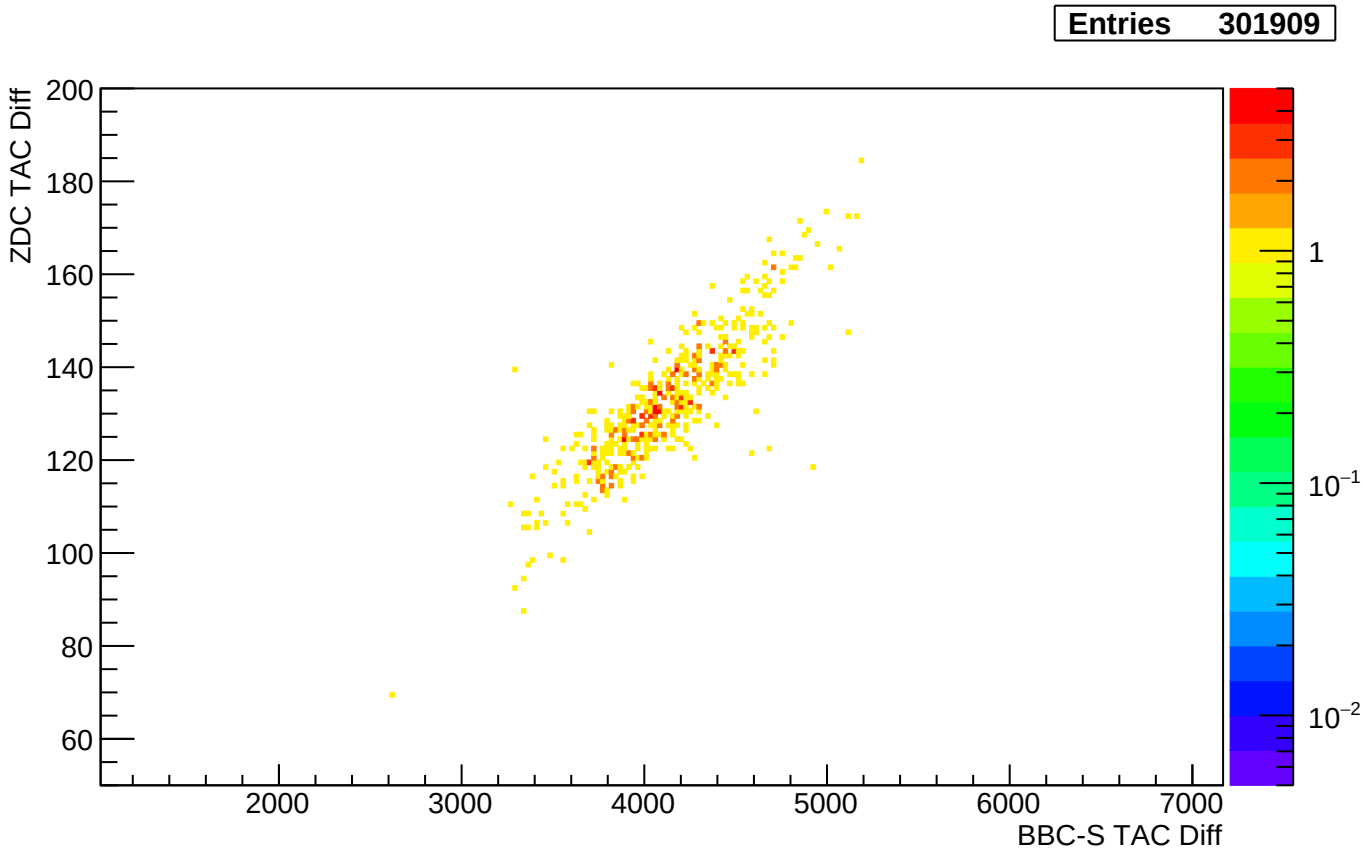

Entries 301909
TOF-Mult
EPD-West Hit Cnt

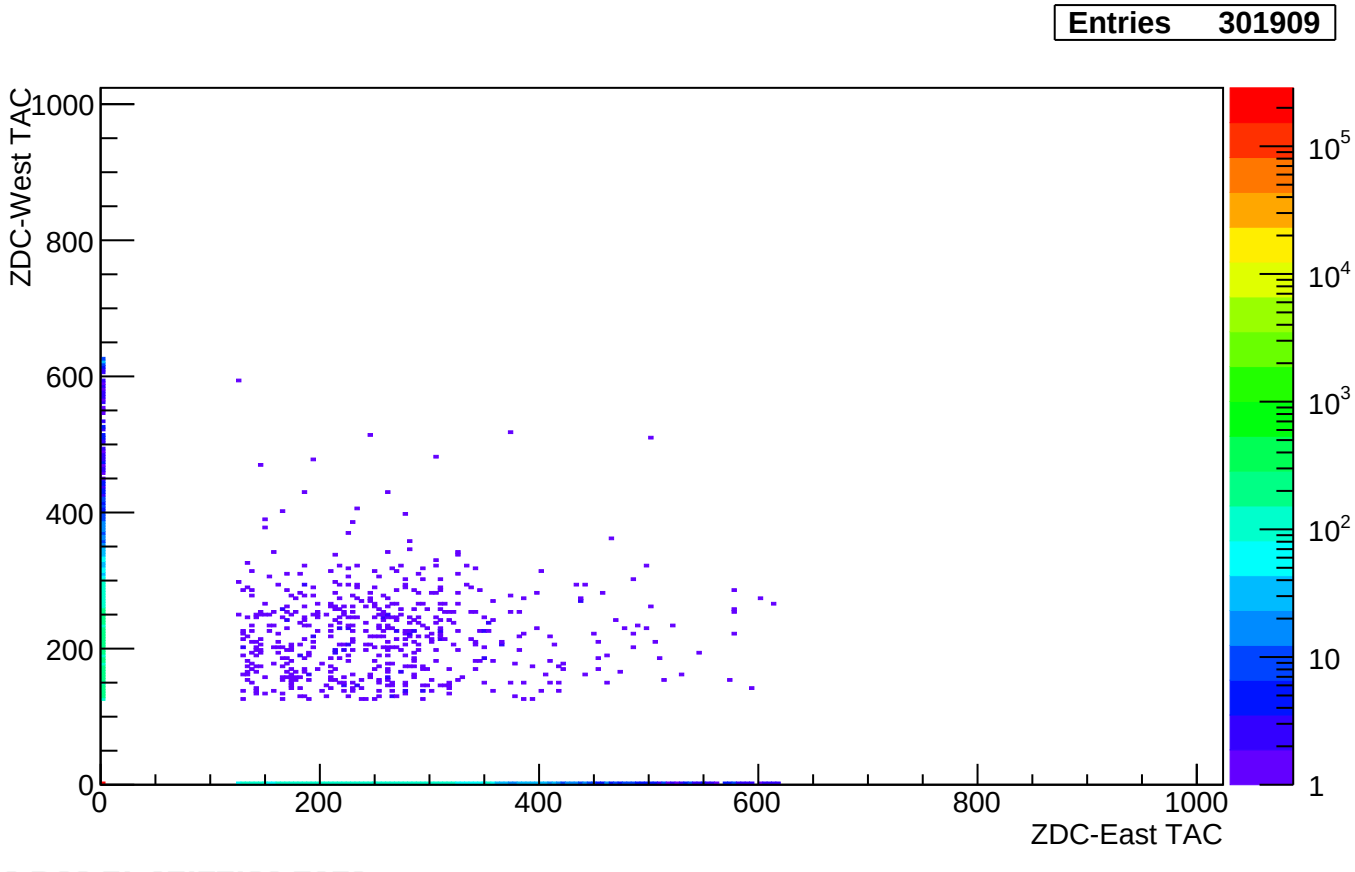

Entries 301909
TOF-Mult
VPD-East ADC Sum

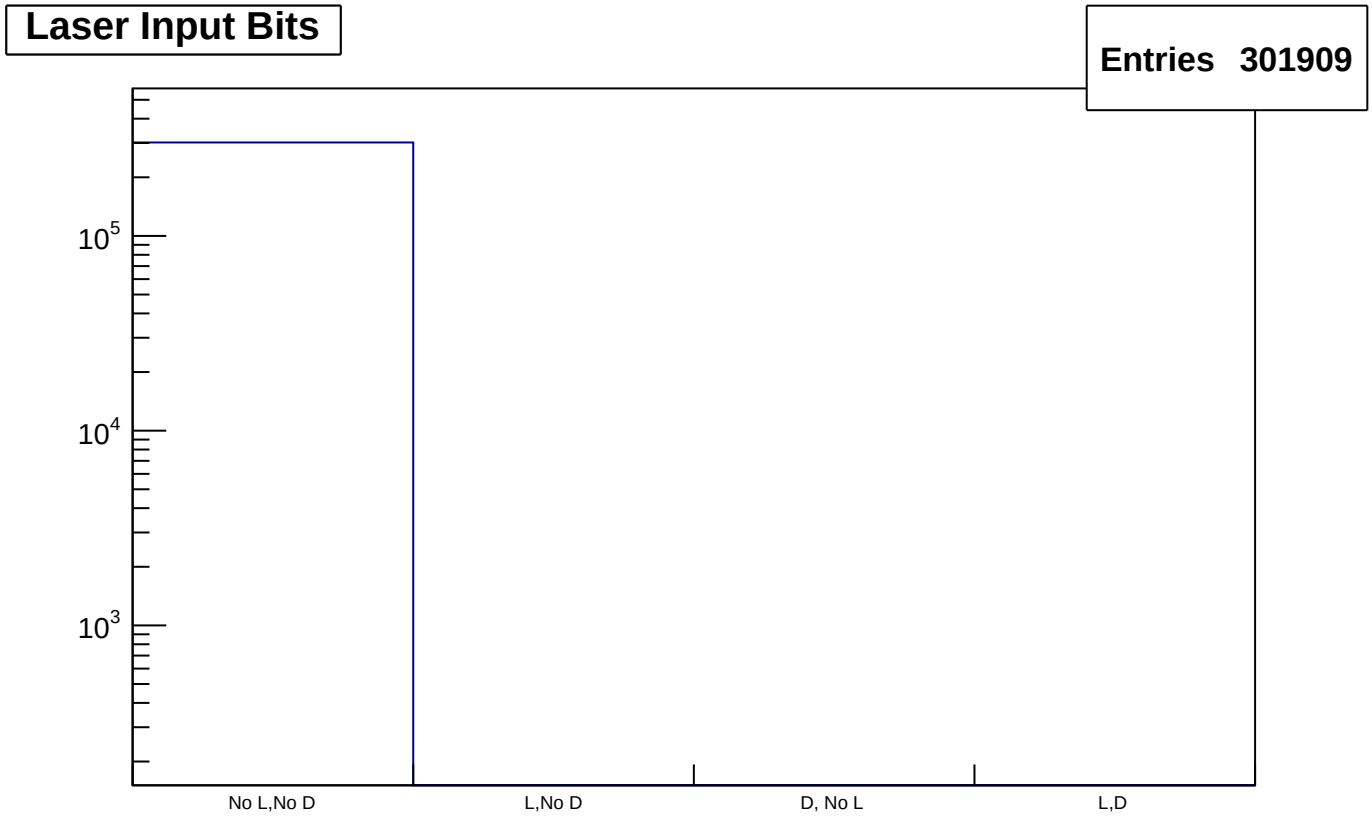

Entries 301909
TOF-Mult
VPD-West ADC Sum

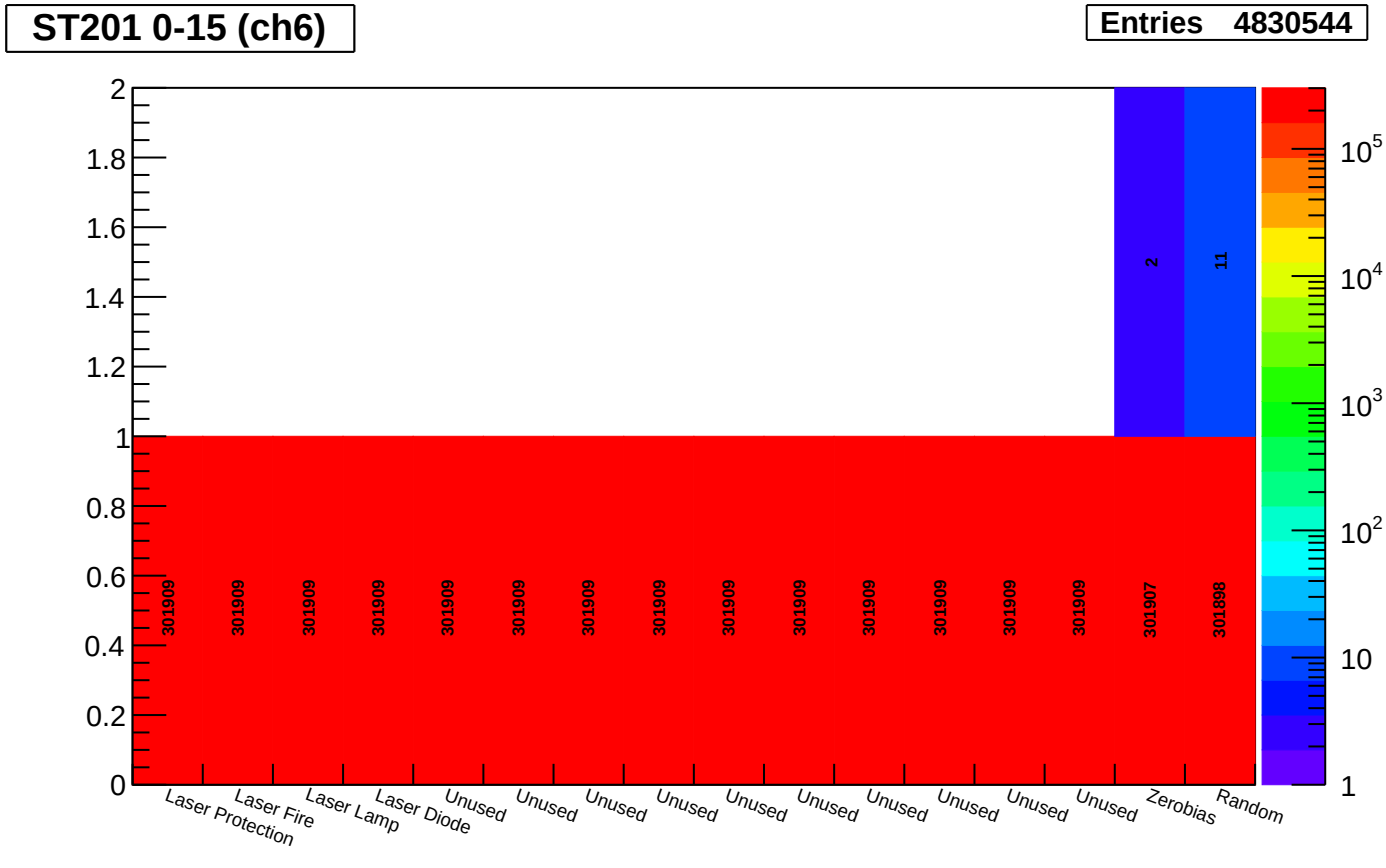

Entries 301909
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

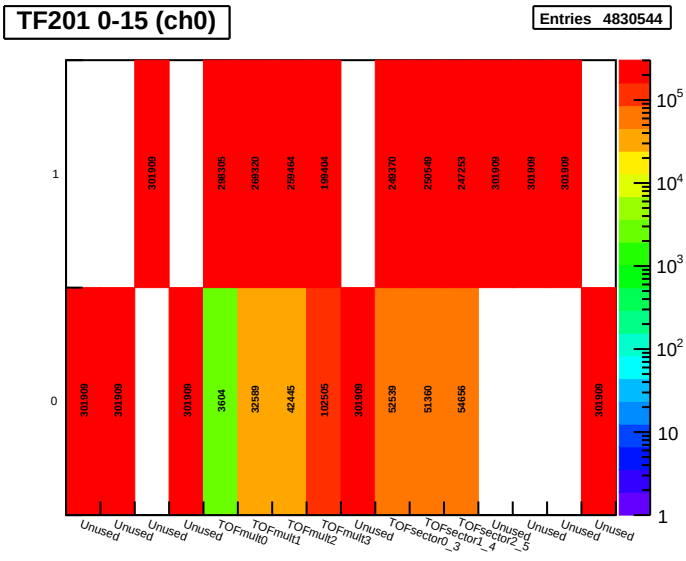

Entries 301909
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

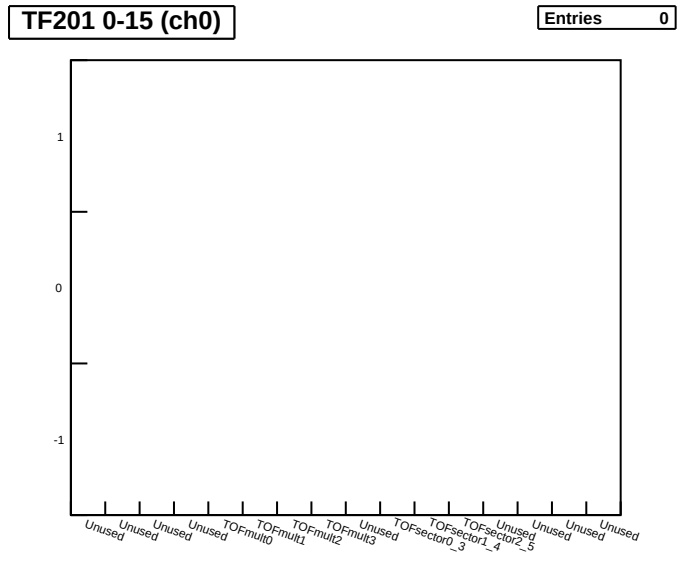

Entries 301909
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

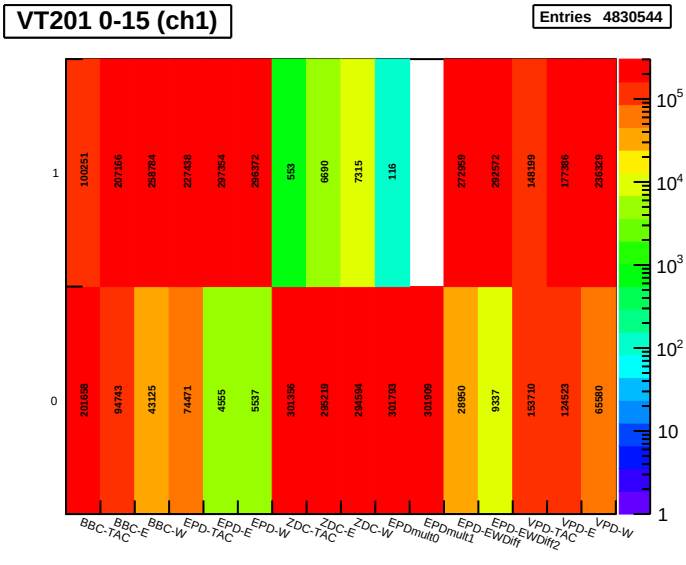

Entries 301909
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

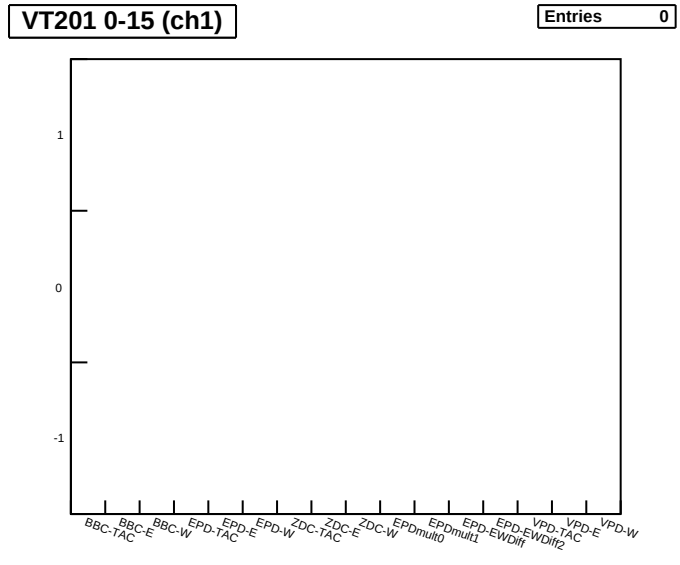

Laser Input Bits
Entries 301909
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

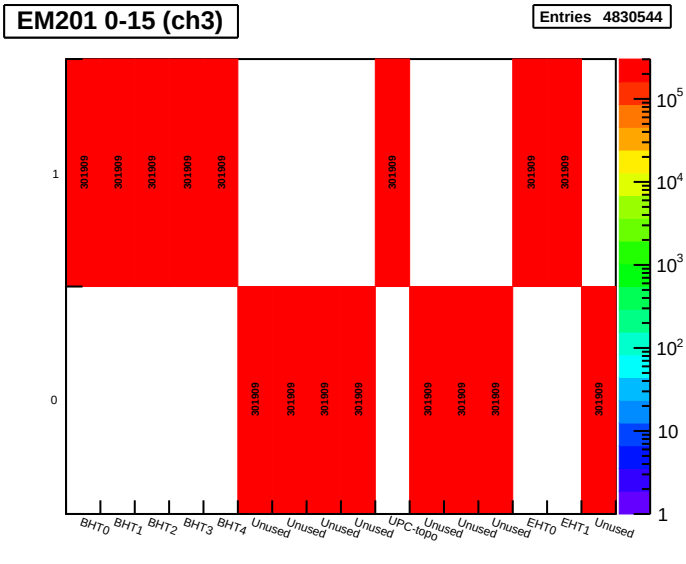

ST201 0-15 (ch6)
Entries 4830544
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
301909
301909
301909
301909
301909
301909
301909
301909
301909
301909
301909
301909
301909
301909
301907
301898
2
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

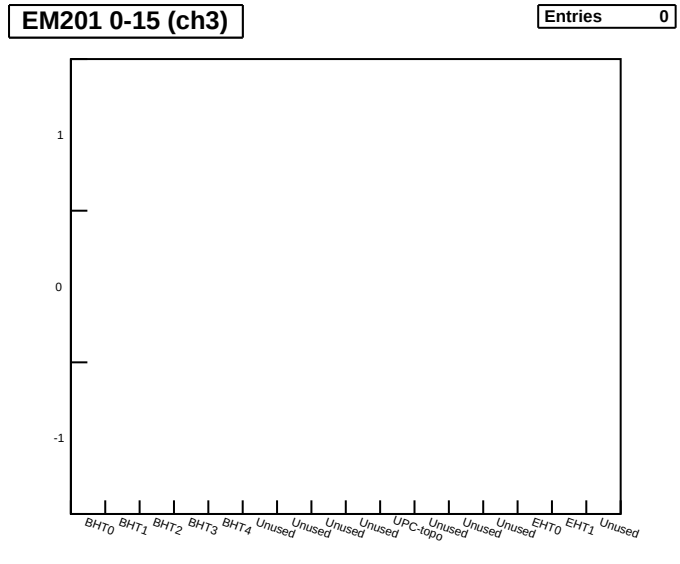

TF201 0-15 (ch0)
Entries 4830544
1
0
301909
298305
298320
298464
199404
249370
250549
247253
301909
301909
301909
301909
301909
3604
32589
42445
102505
301909
52539
51360
54656
301909
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 4830544
1
0
100251
207166
258784
227438
297354
296372
553
6690
7315
116
272959
292572
148199
177386
236329
201658
94743
43125
74471
4555
5537
301356
295219
294594
301793
301909
28950
9337
155710
124523
65580
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 4830544
1
0
301909
301909
301909
301909
301909
301909
301909
301909
301909
301909
301909
301909
301909
301909
301909
301909
301909
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