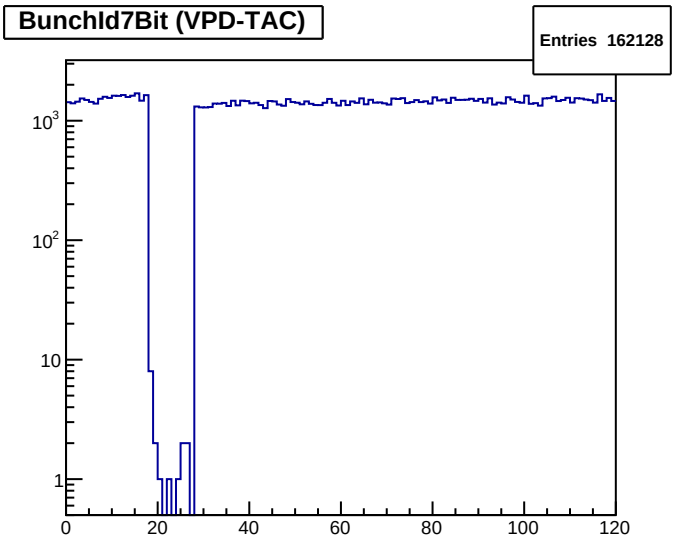
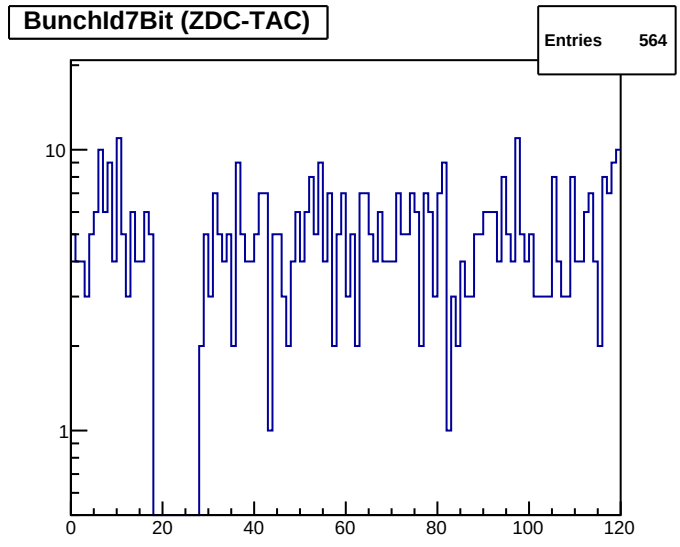
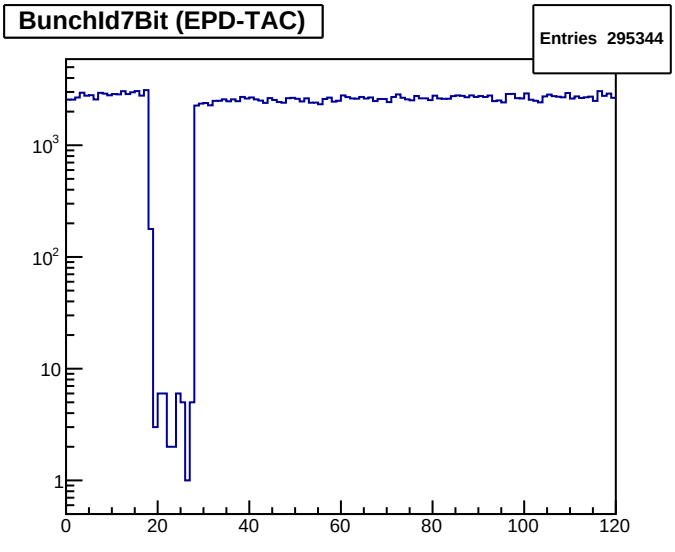
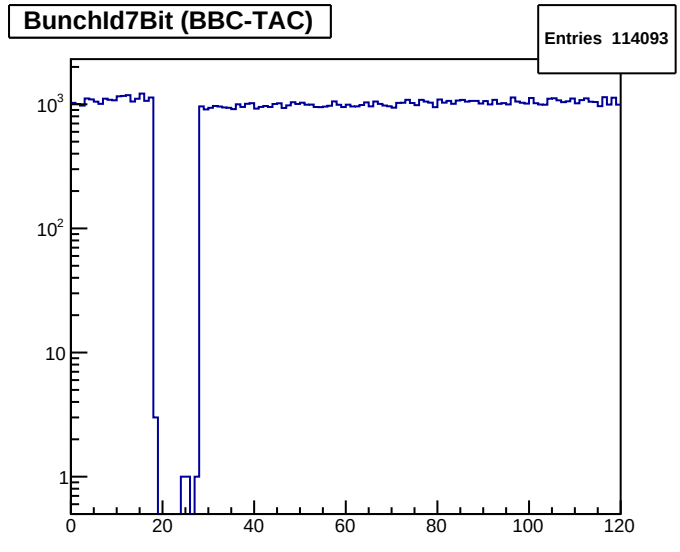
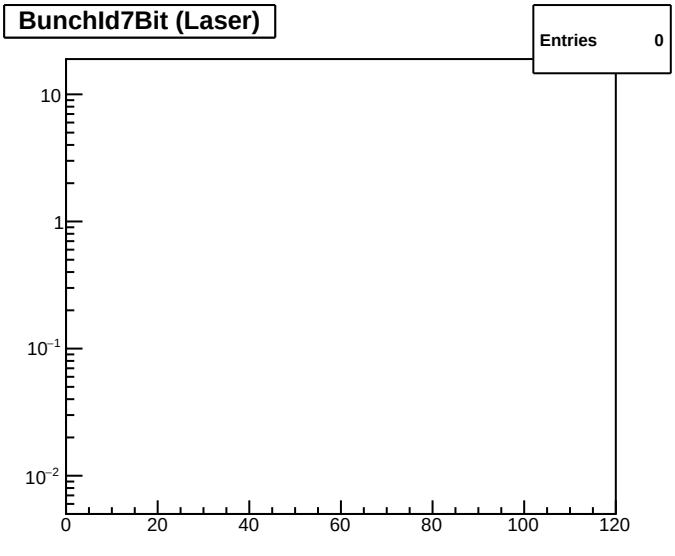
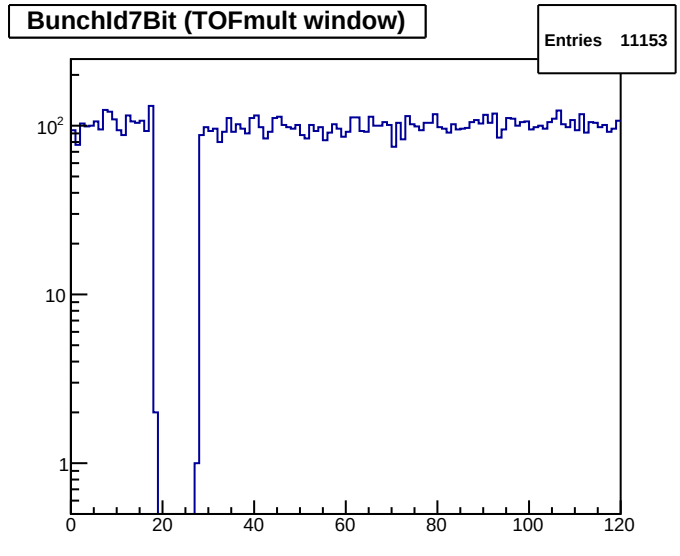

BunchId7Bit (VPD-TAC)
Entries 162128

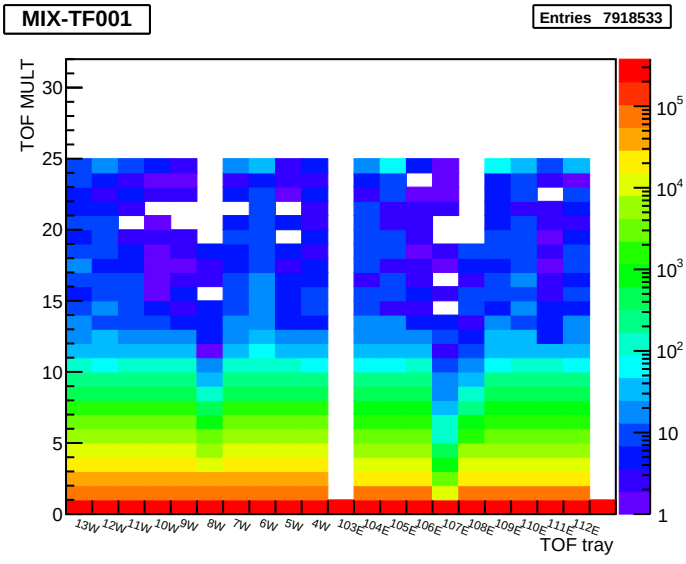

BunchId7Bit (ZDC-TAC)
Entries 564

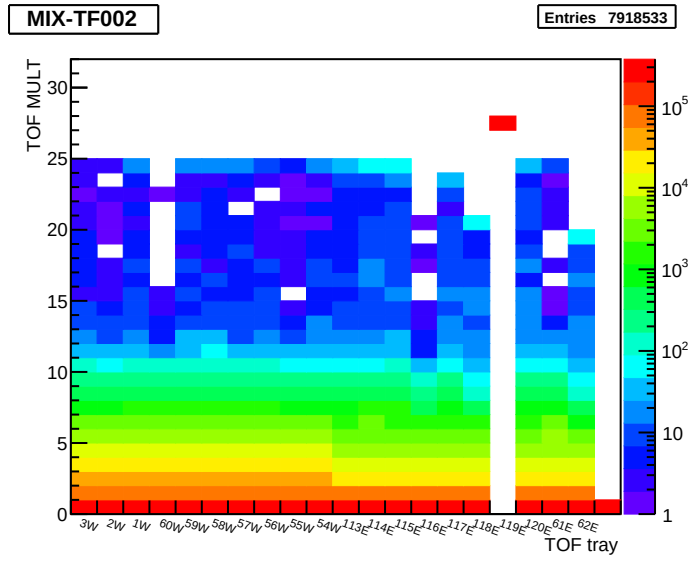

BunchId7Bit (EPD-TAC)
Entries 295344

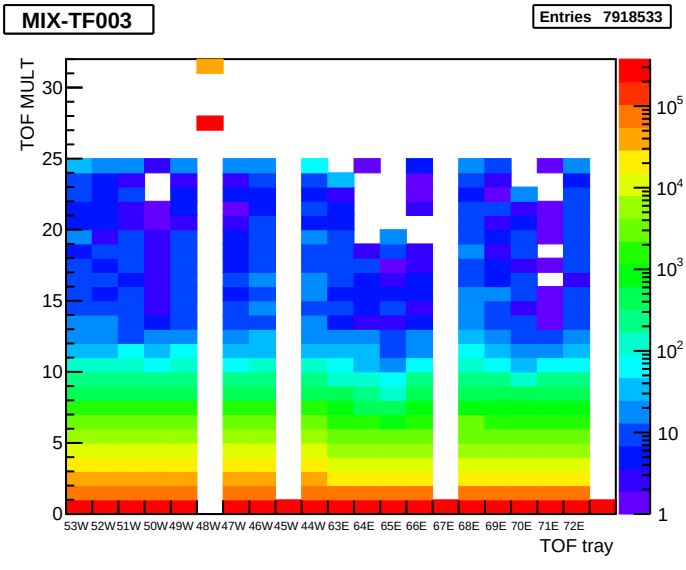

BunchId7Bit (BBC-TAC)
Entries 114093

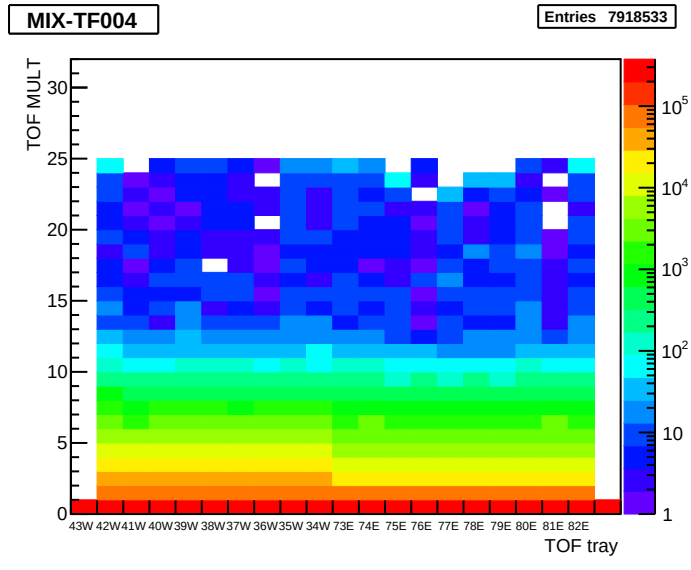

BunchId7Bit (Laser)
Entries 0

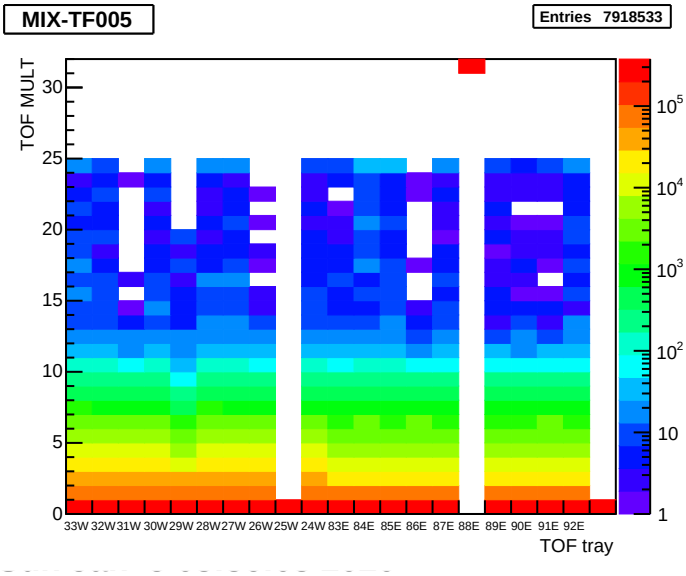

BunchId7Bit (TOFmult window)
Entries 11153

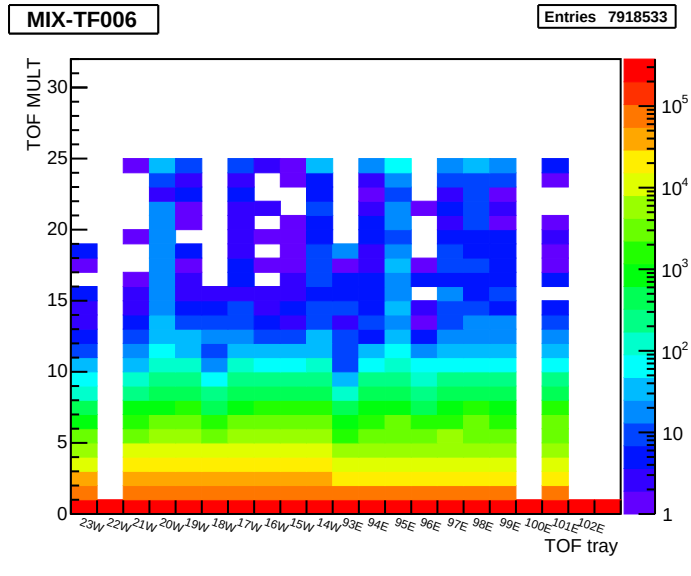

MIX-TF001
Entries 7918533
TOF MULT
TOF tray

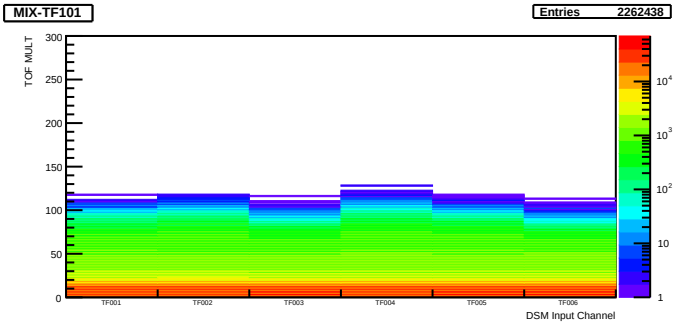

MIX-TF002
Entries 7918533
TOF MULT
TOF tray

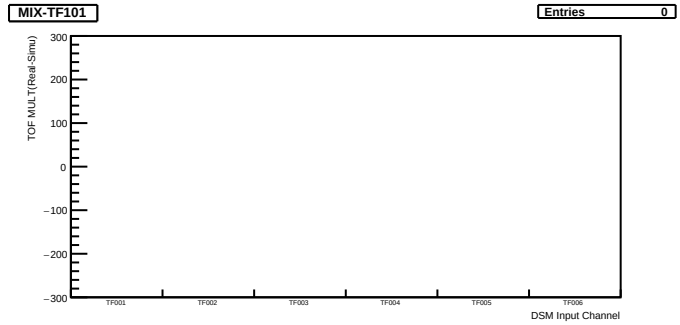

MIX-TF003
Entries 7918533
TOF MULT
TOF tray

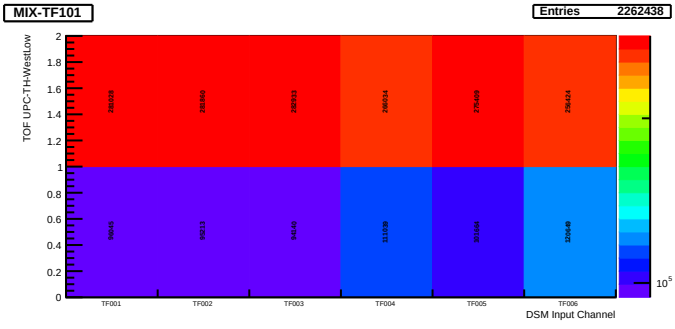

MIX-TF004
Entries 7918533
TOF MULT
TOF tray

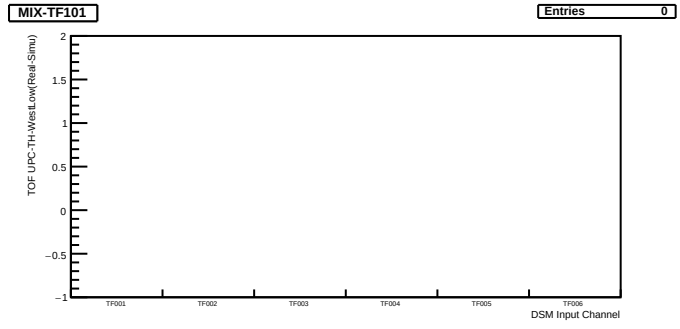

MIX-TF005
Entries 7918533
TOF MULT
TOF tray

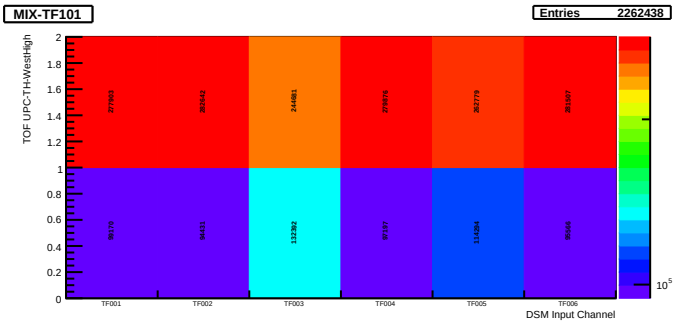

MIX-TF006
Entries 7918533
TOF MULT
TOF tray

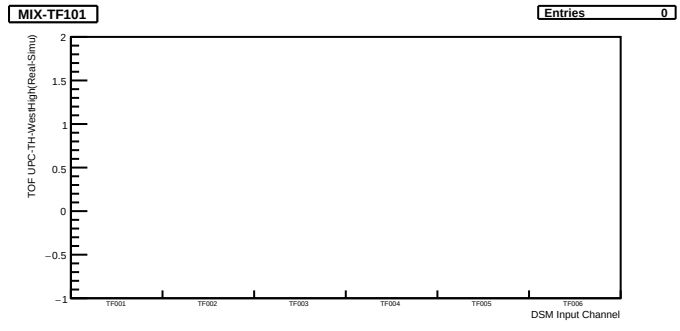

MIX-TF101
Entries 2262438
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

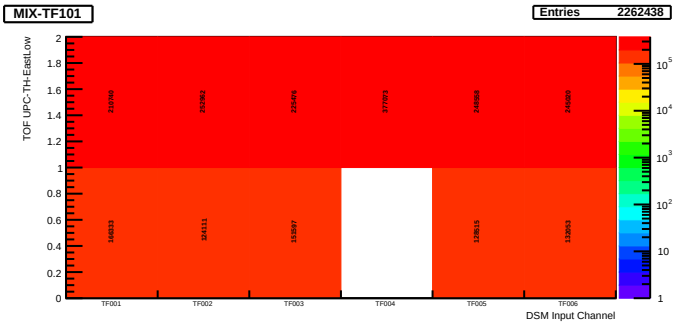

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

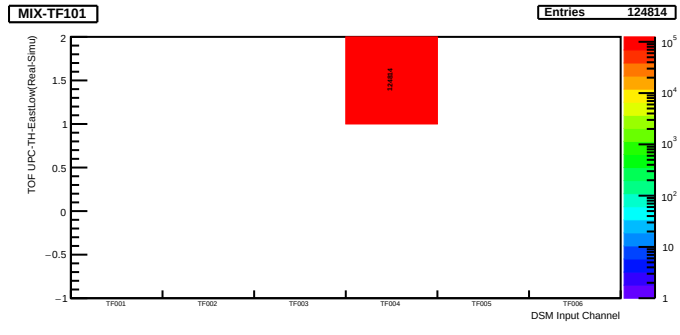

MIX-TF101
Entries 2262438
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

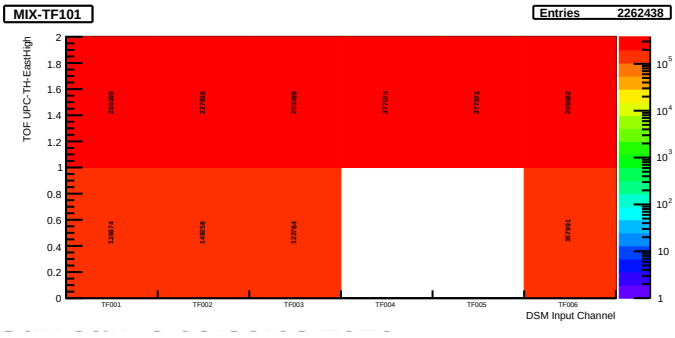

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

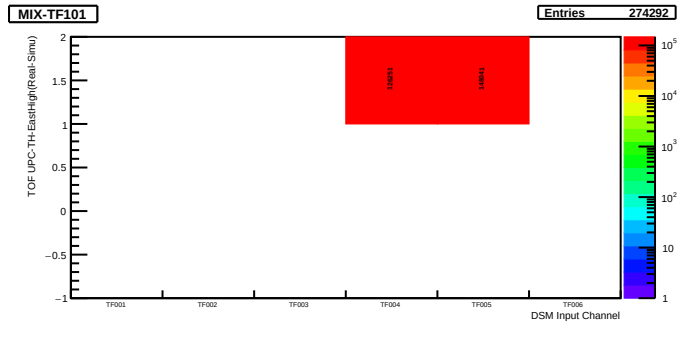

MIX-TF101
Entries 2262438
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

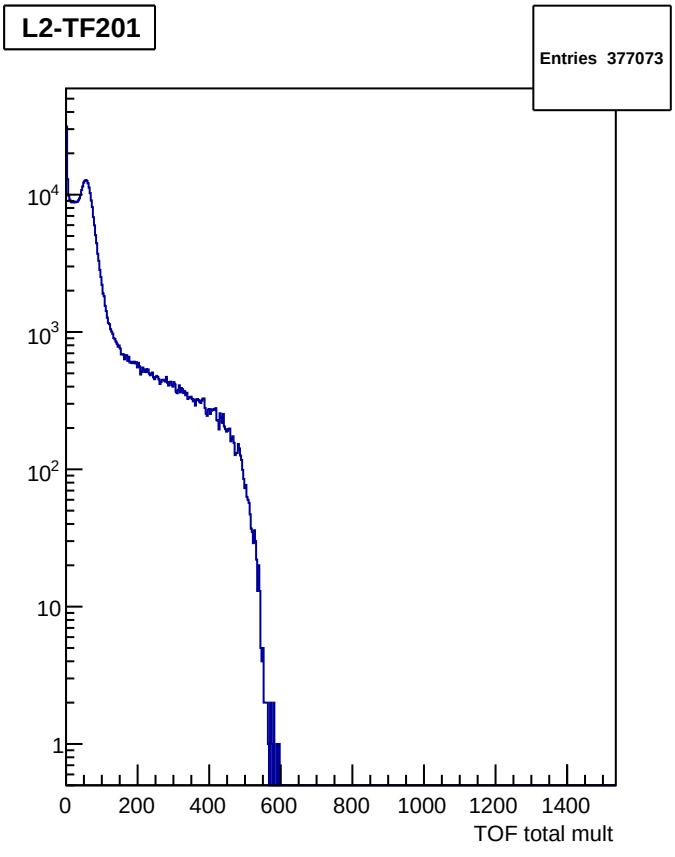

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

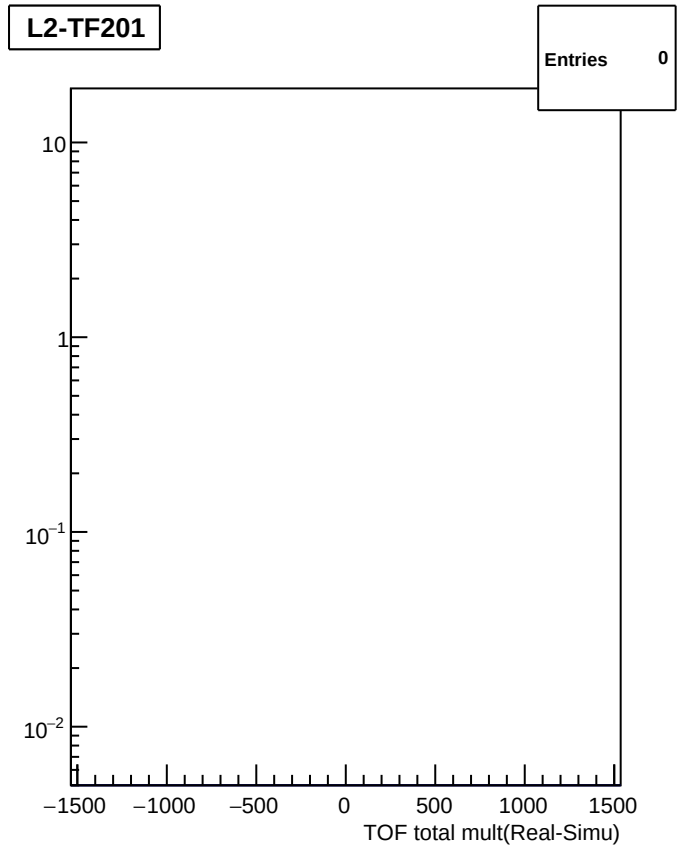

MIX-TF101
Entries 2262438
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

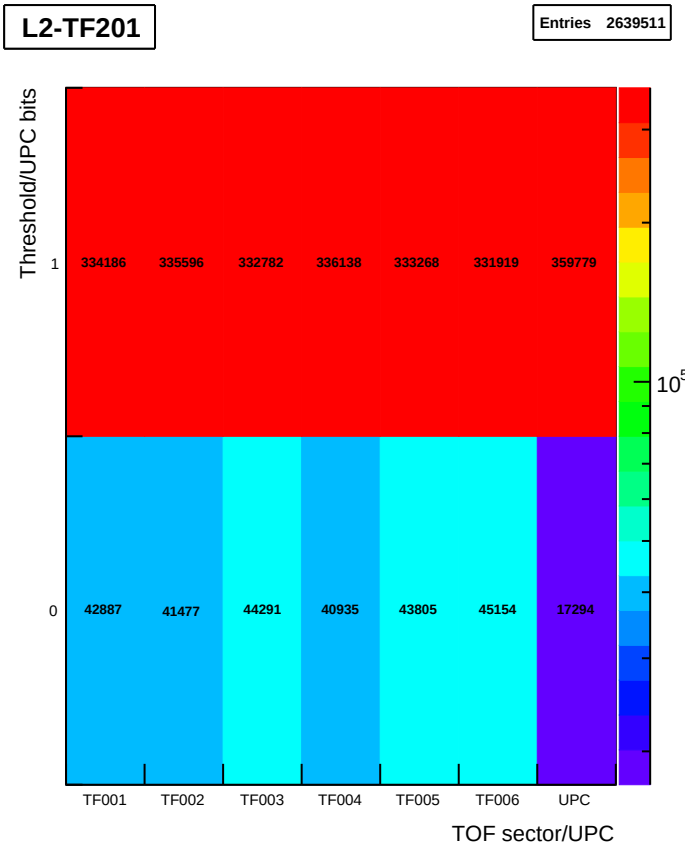

MIX-TF101
Entries 124814
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

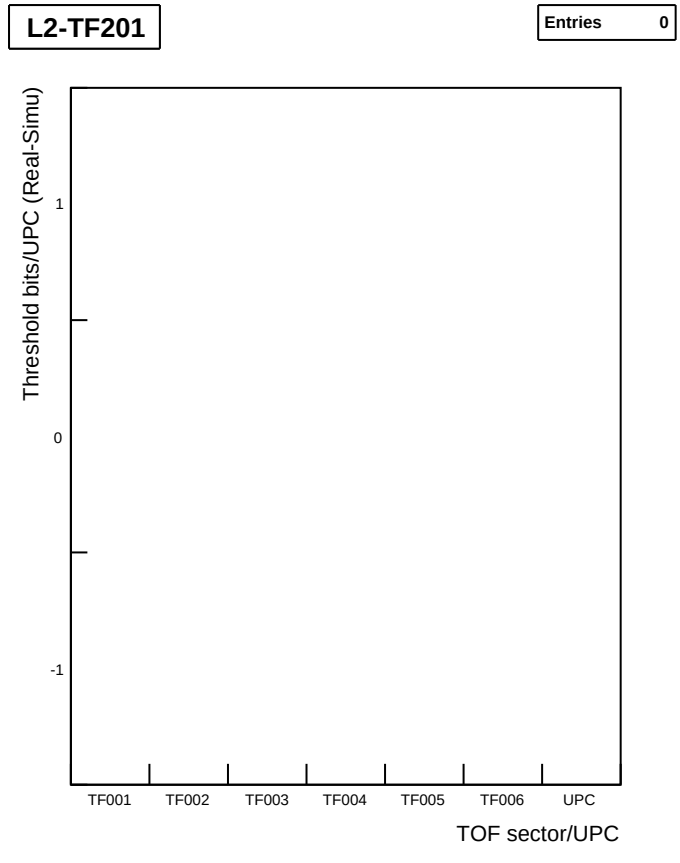

MIX-TF101
Entries 2262438
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

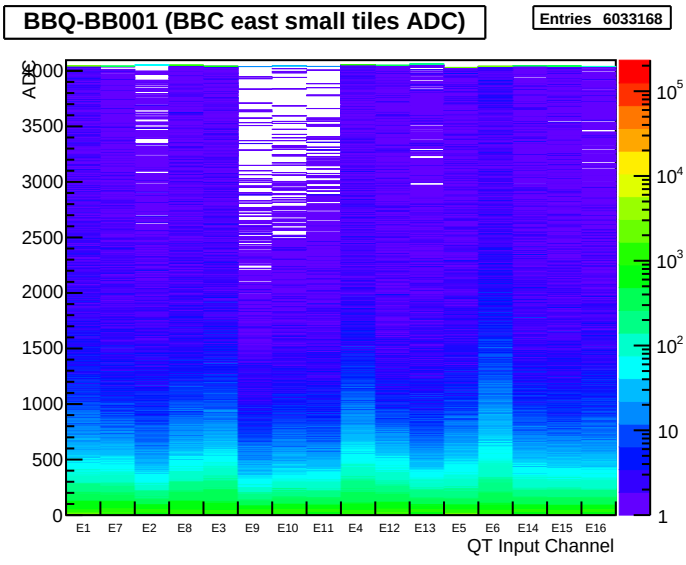

MIX-TF101
Entries 274292
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

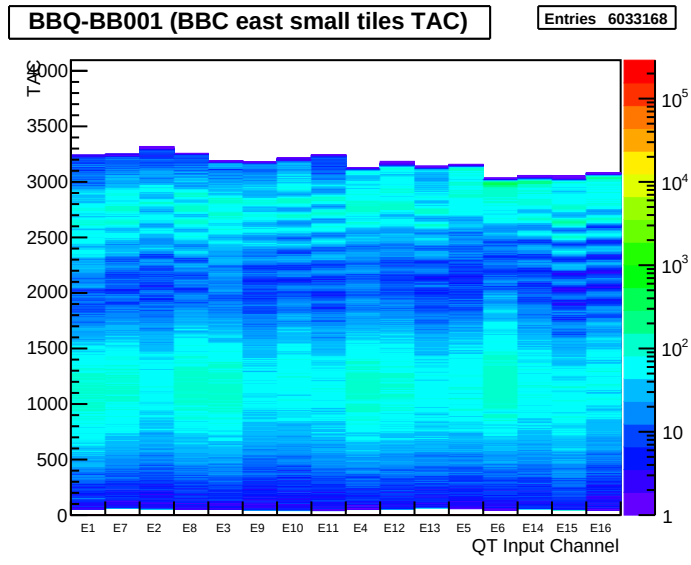

L2-TF201
Entries 377073
TOF total mult

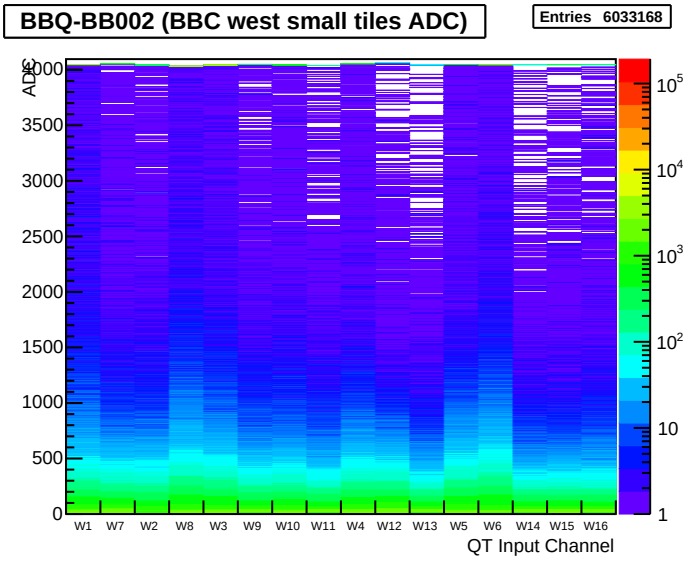

L2-TF201
Entries 0
TOF total mult(Real-Simu)

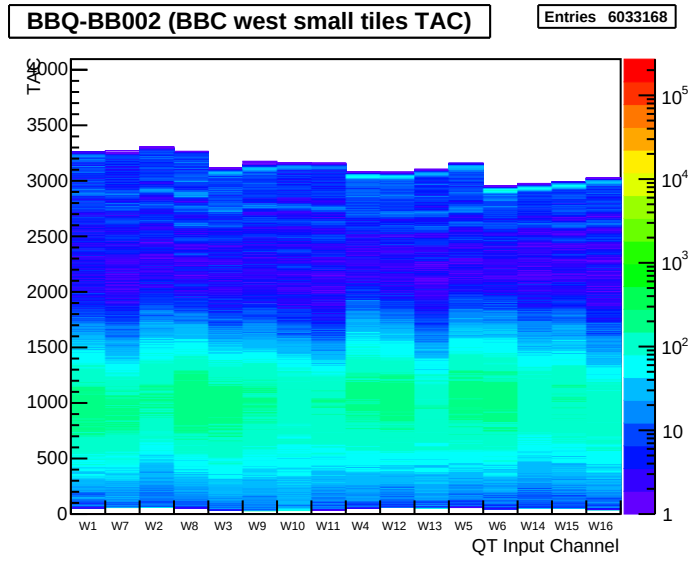

L2-TF201
Entries 2639511
Threshold/UPC bits
334186
335596
332782
336138
333268
331919
359779
42887
41477
44291
40935
43805
45154
17294
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

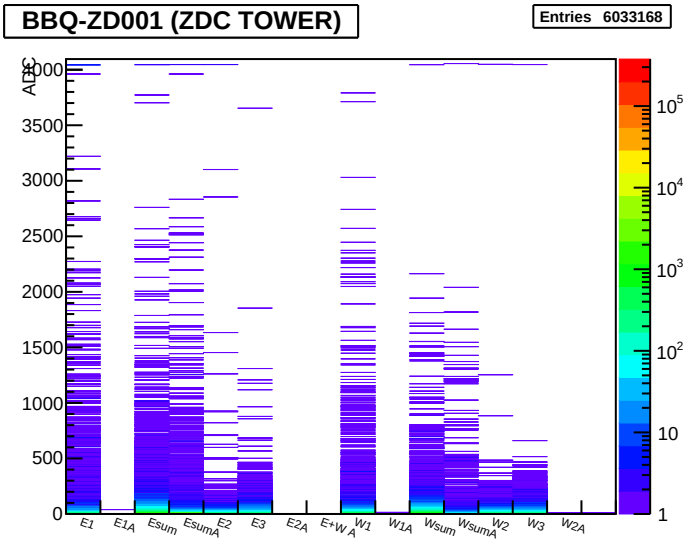

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

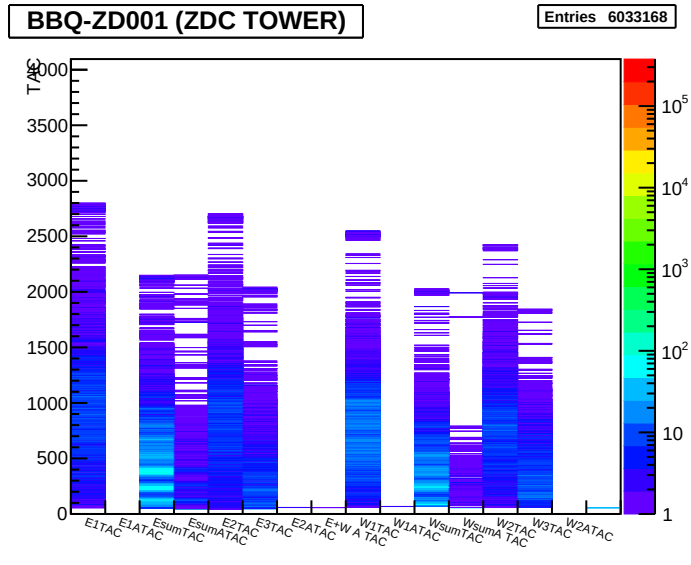

BBQ-BB001 (BBC east small tiles ADC)
Entries 6033168
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

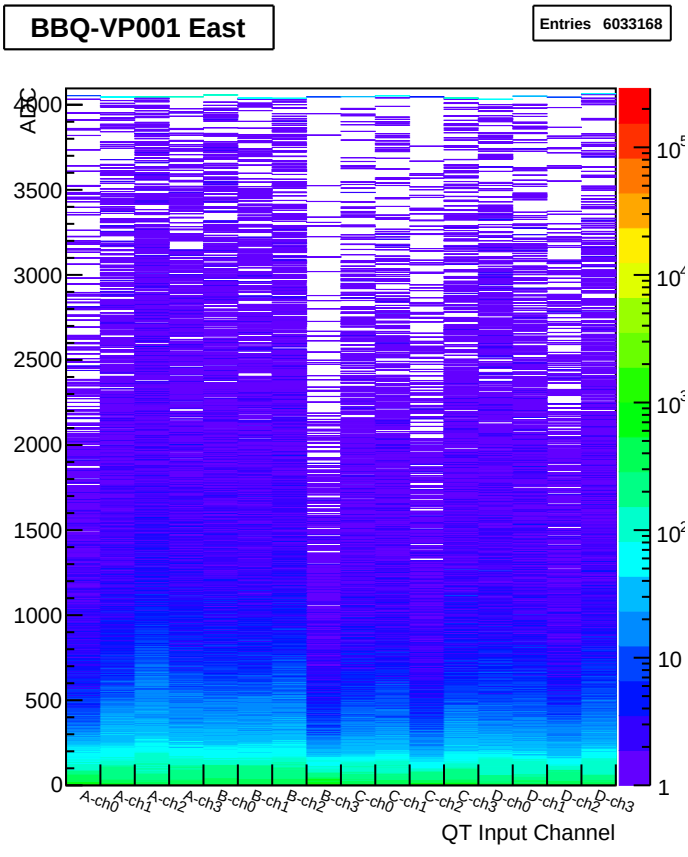

BBQ-BB001 (BBC east small tiles TAC)
Entries 6033168
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

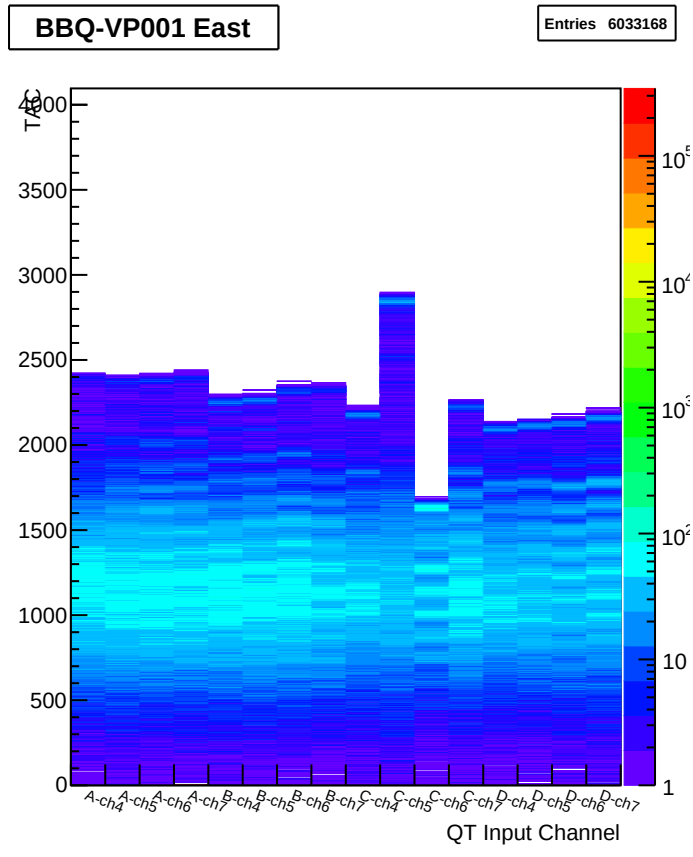

BBQ-BB002 (BBC west small tiles ADC)
Entries 6033168
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

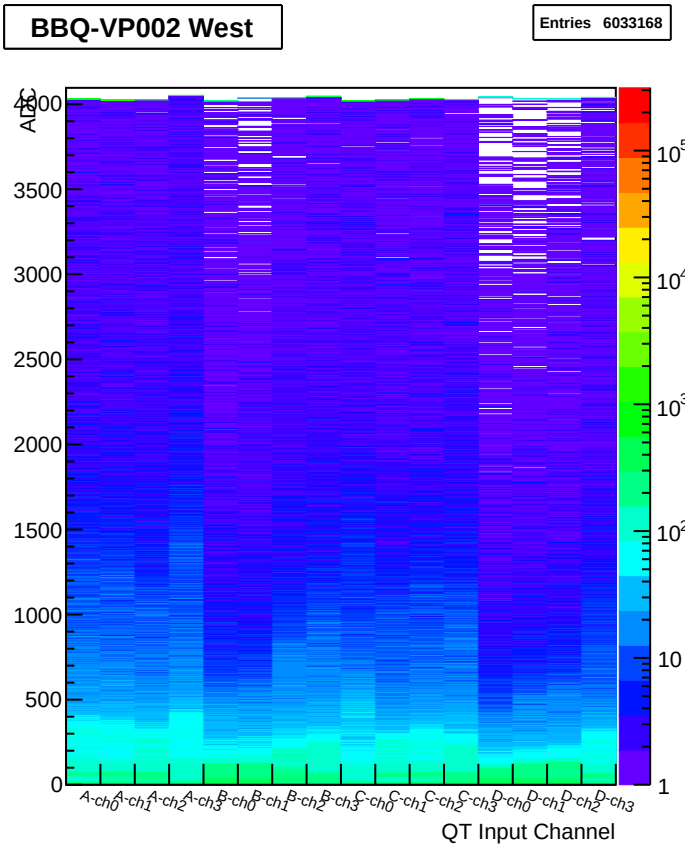

BBQ-BB002 (BBC west small tiles TAC)
Entries 6033168
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

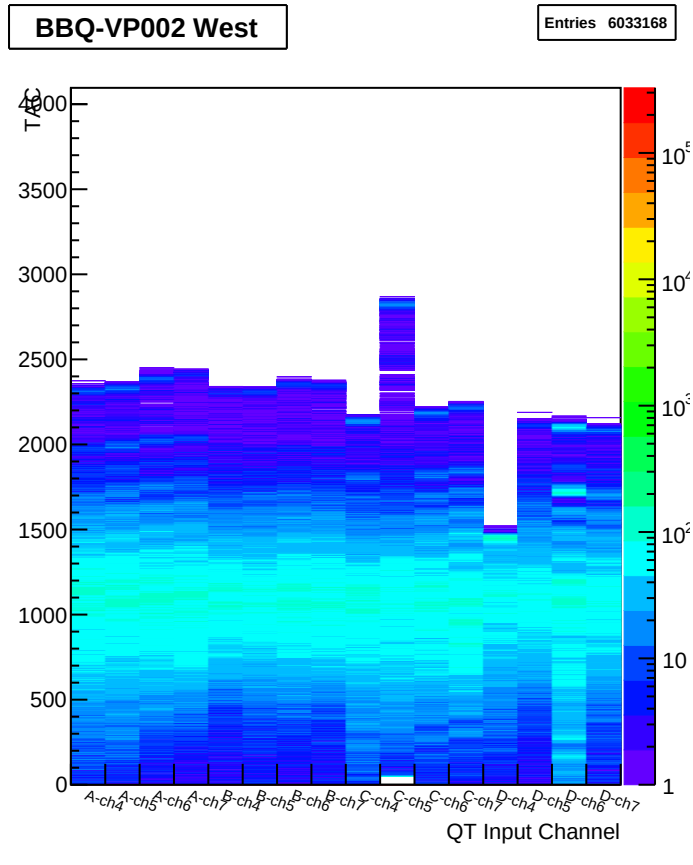

BBQ-ZD001 (ZDC TOWER)
Entries 6033168
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

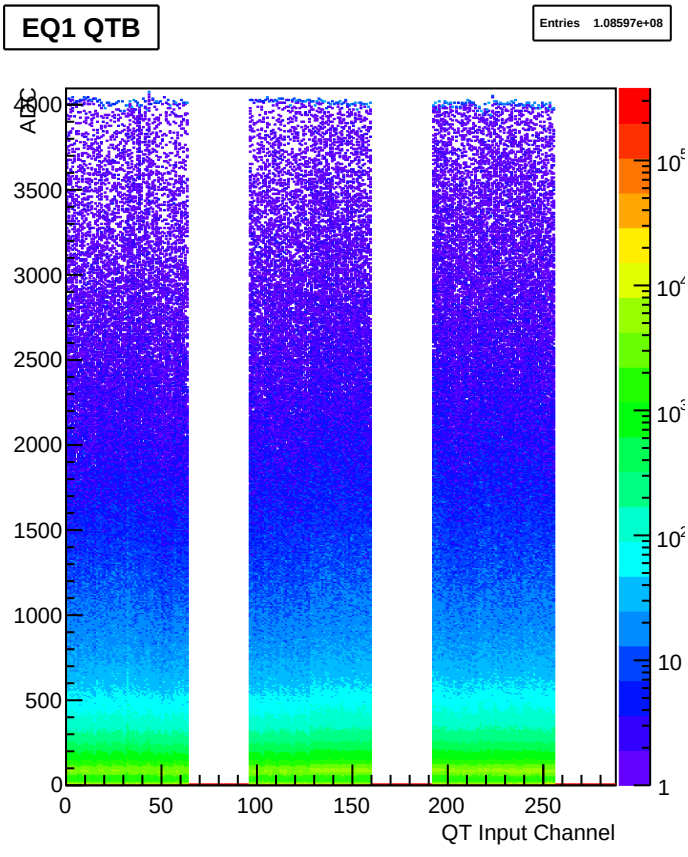

BBQ-ZD001 (ZDC TOWER)
Entries 6033168
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

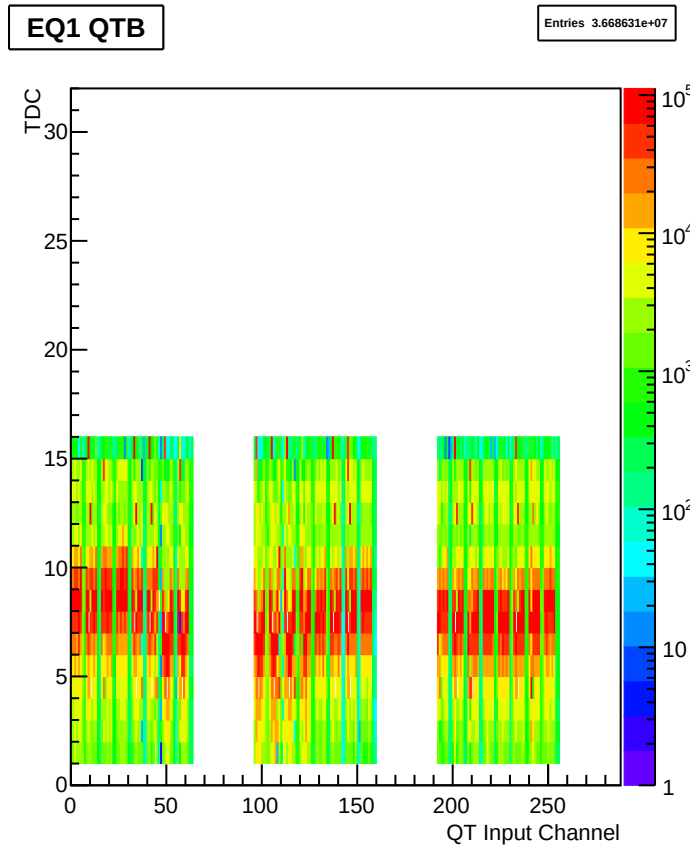

BBQ-VP001 East
Entries 6033168
ADC
QT Input Channel

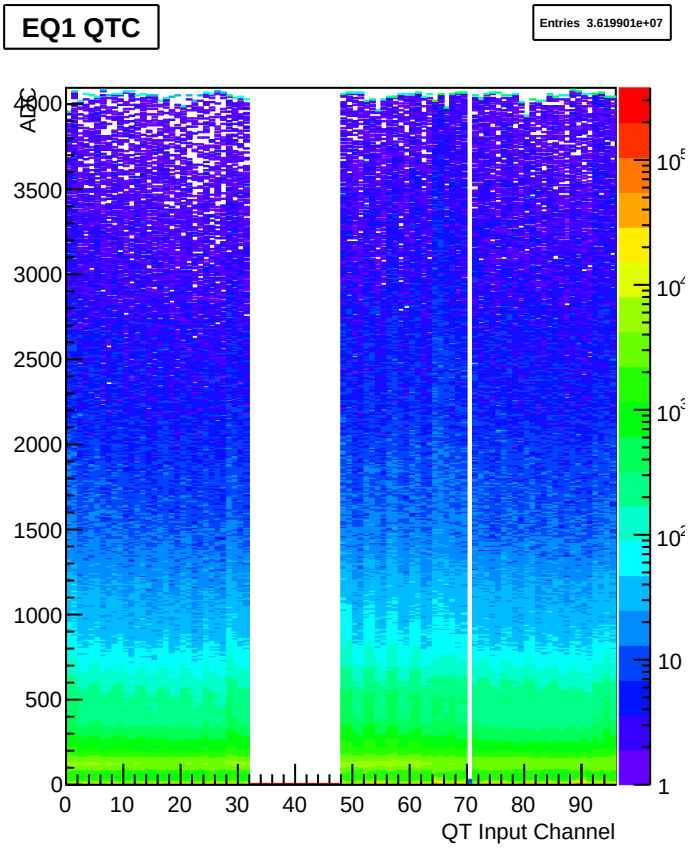

BBQ-VP001 East
Entries 6033168
ADC
QT Input Channel

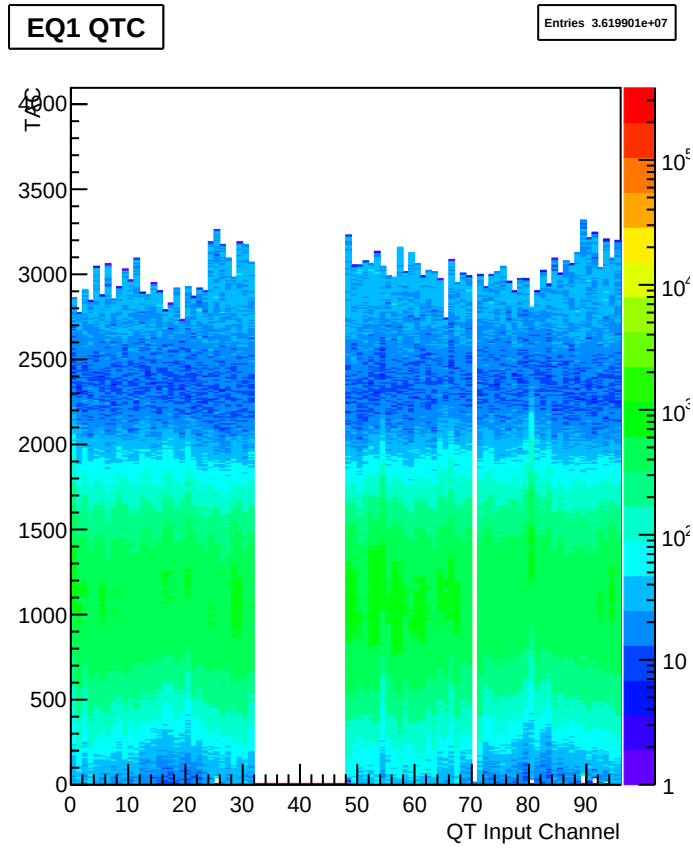

BBQ-VP002 West
Entries 6033168
ADC
QT Input Channel

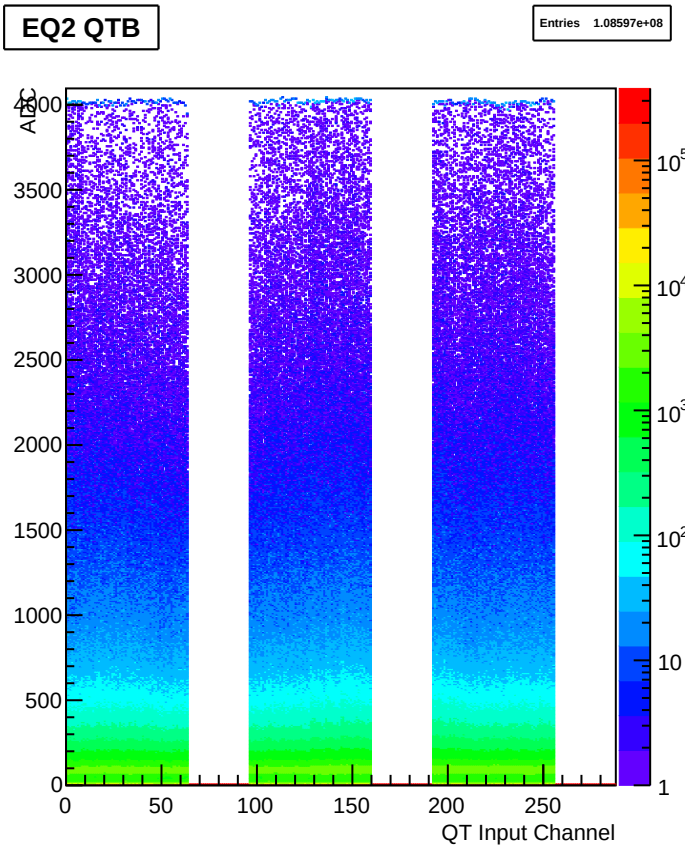

BBQ-VP002 West
Entries 6033168
ADC
QT Input Channel

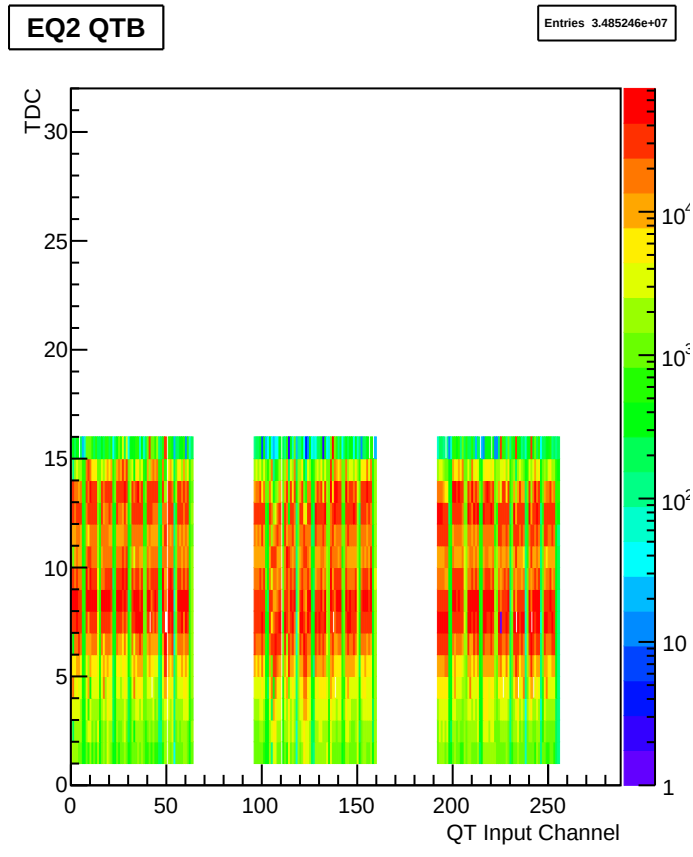

EQ1 QTB
Entries 1.08597e+08
ADC
QT Input Channel

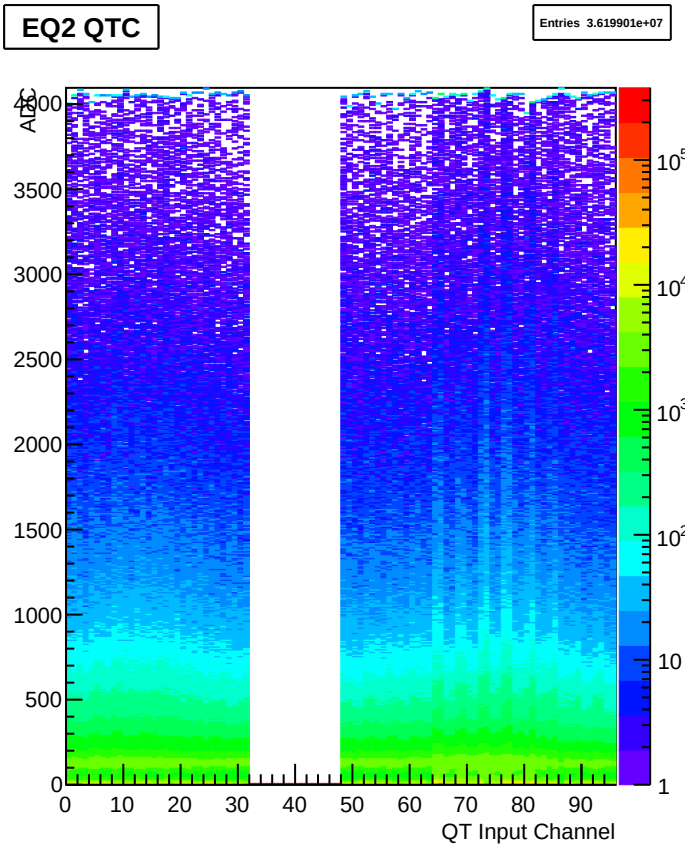

EQ1 QTB
Entries 3.668631e+07
TDC
QT Input Channel

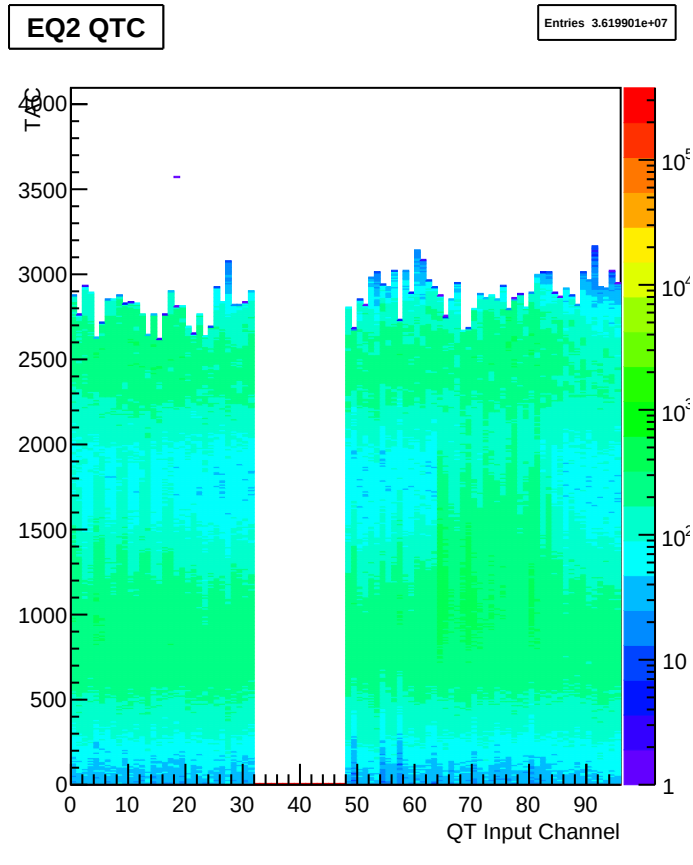

EQ1 QTC
Entries 3.619901e+07
ADC
QT Input Channel

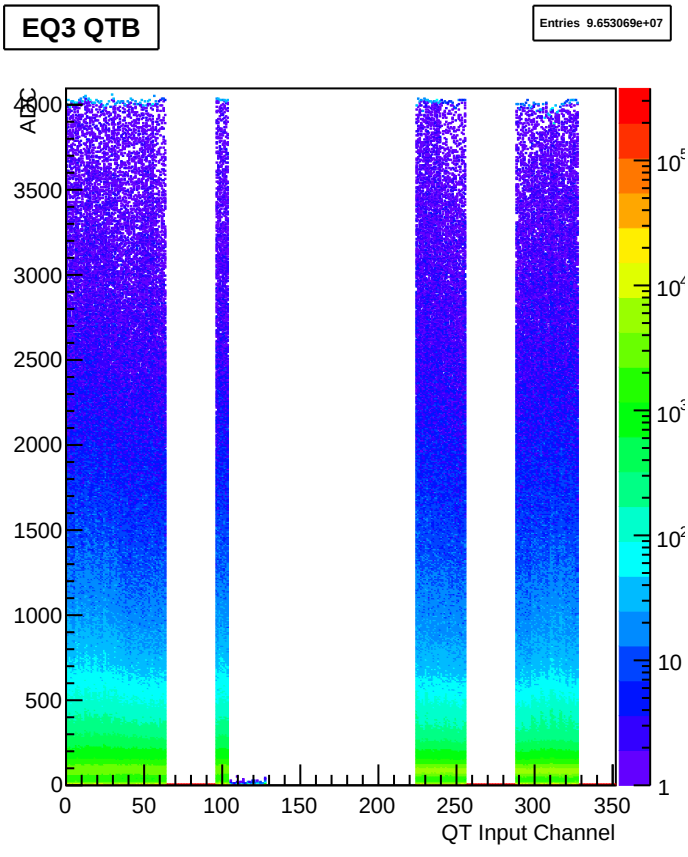

EQ1 QTC
Entries 3.619901e+07
TADC
QT Input Channel

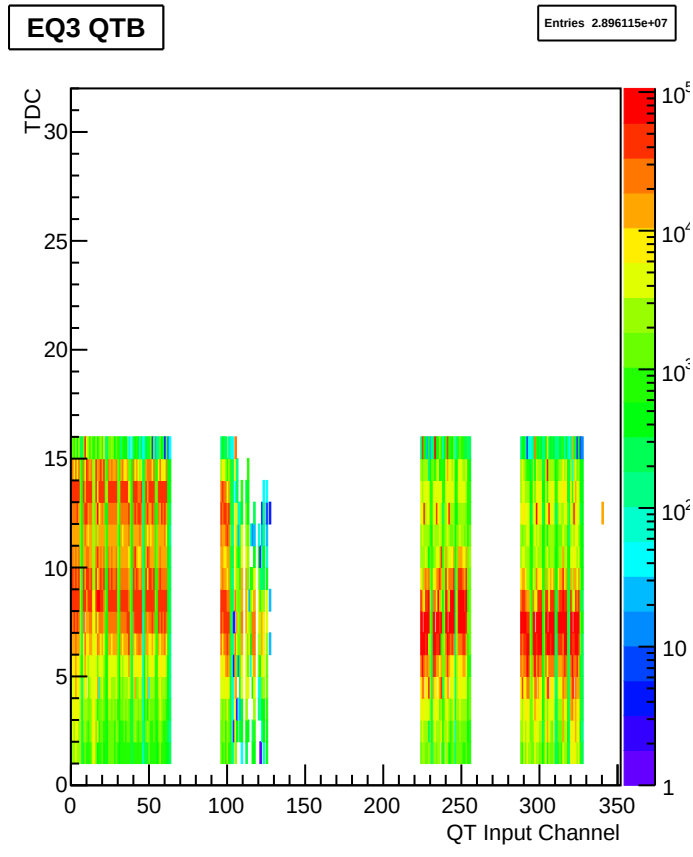

EQ2 QTB
Entries 1.08597e+08
ADC
QT Input Channel

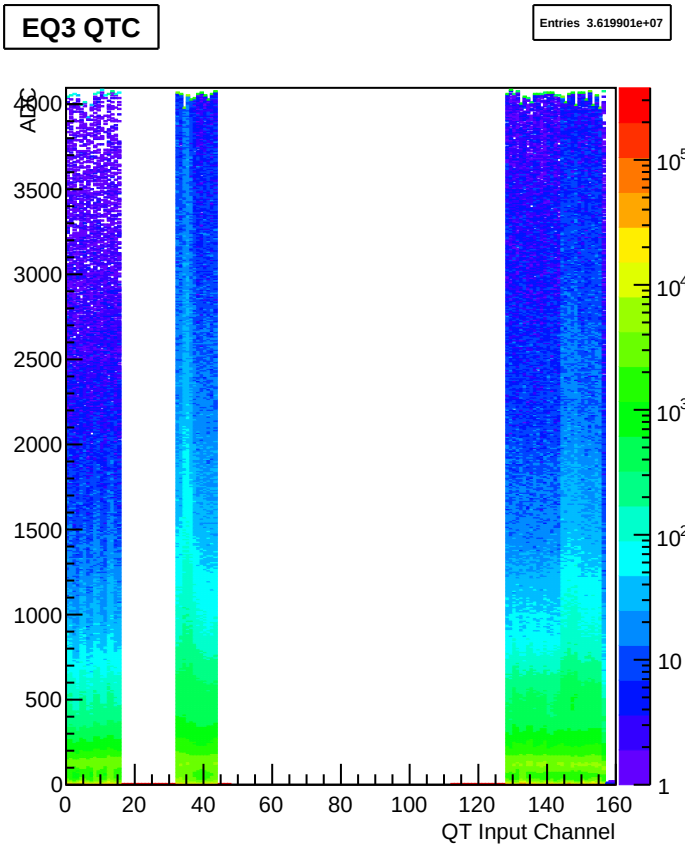

EQ2 QTB
Entries 3.485246e+07
TDC
QT Input Channel

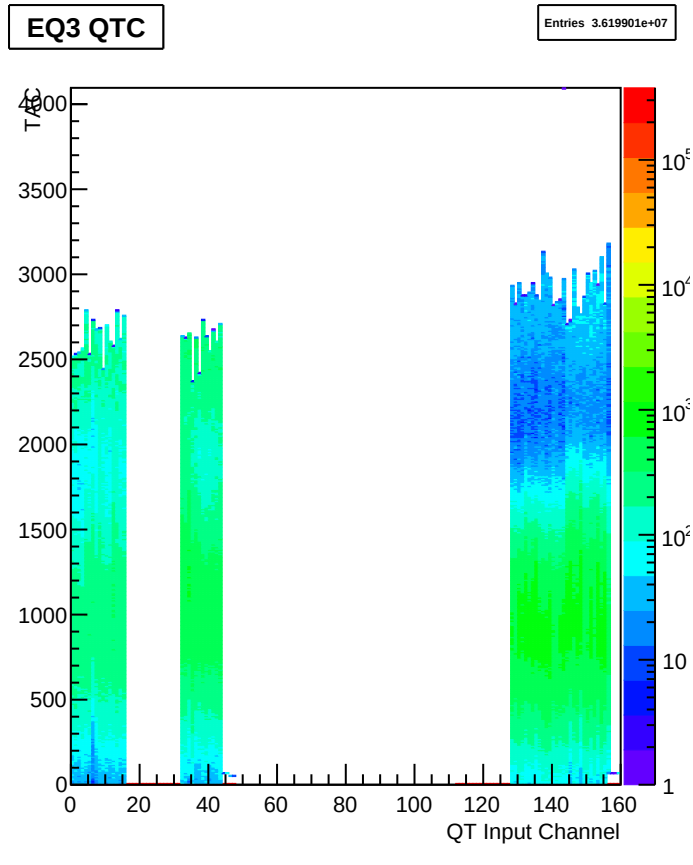

EQ2 QTC
Entries 3.619901e+07
ADC
QT Input Channel

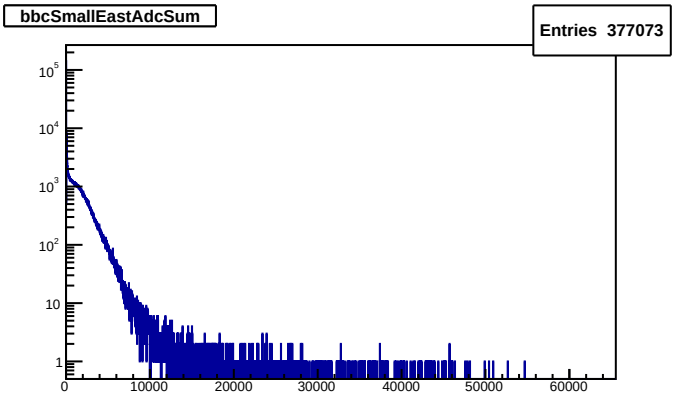

EQ2 QTC
Entries 3.619901e+07
TADC
QT Input Channel

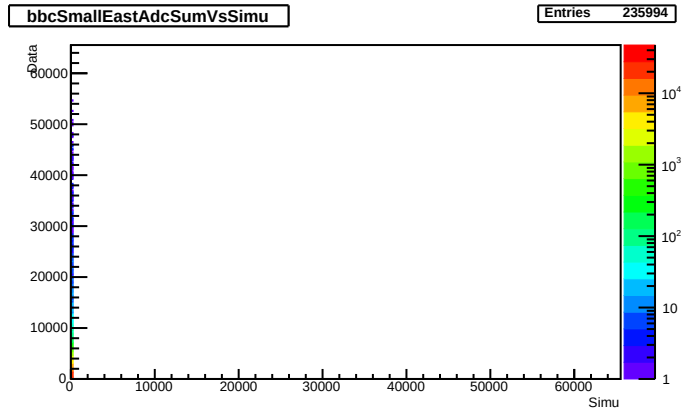

EQ3 QTB
Entries 9.653069e+07
ADC
QT Input Channel

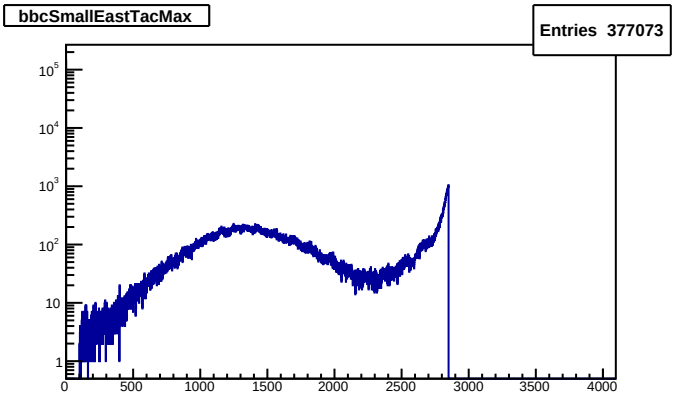

EQ3 QTB
Entries 2.896115e+07
TDC
QT Input Channel

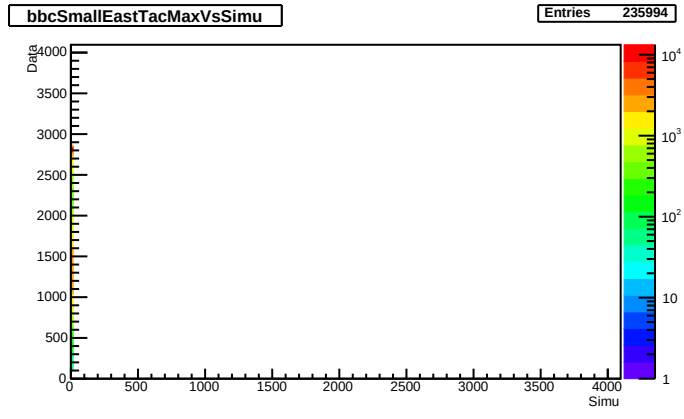

EQ3 QTC
Entries 3.619901e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.619901e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 377073


bbcSmallEastAdcSumVsSimu
Entries 235994
Data
Simu


bbcSmallEastTacMax
Entries 377073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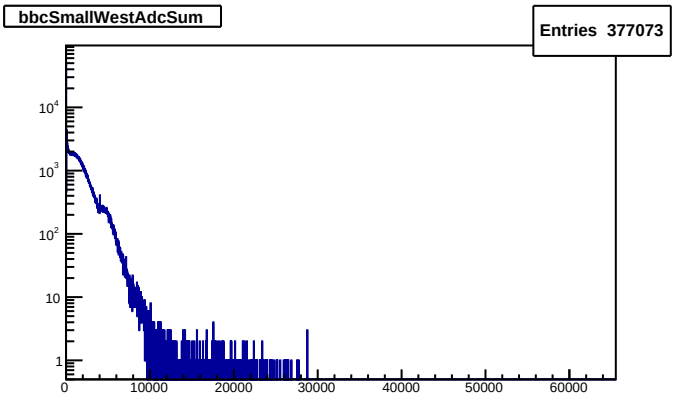
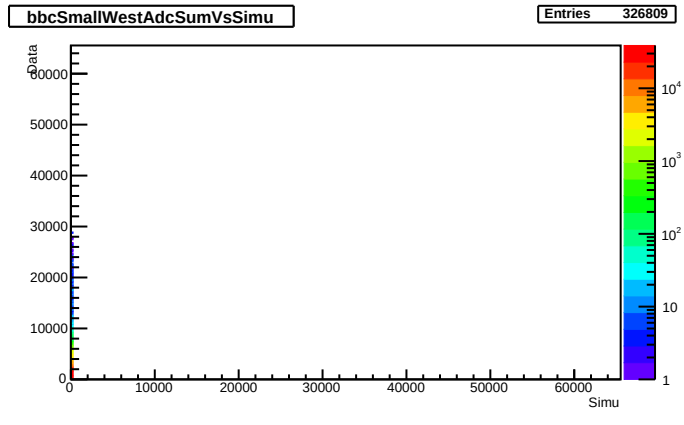
Entries 235994
Data
Simu


bbcSmallWestAdcSum
Entries 377073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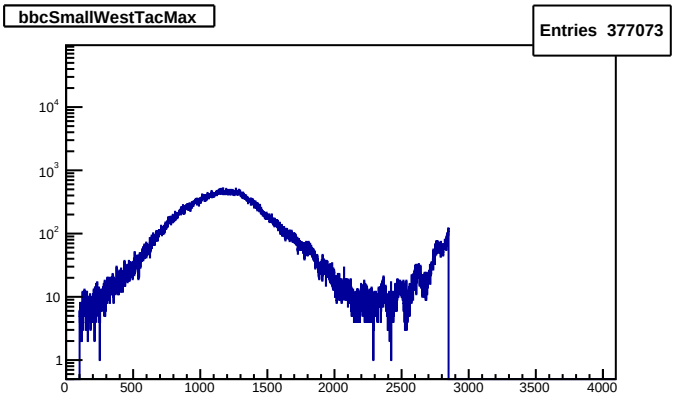
Entries 326809
Data
Simu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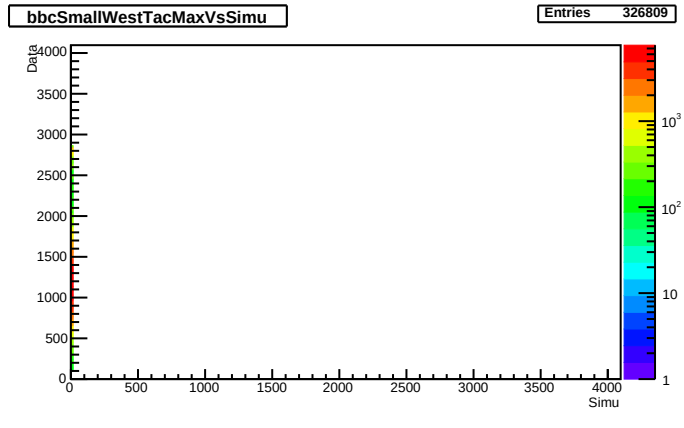
Entries 377073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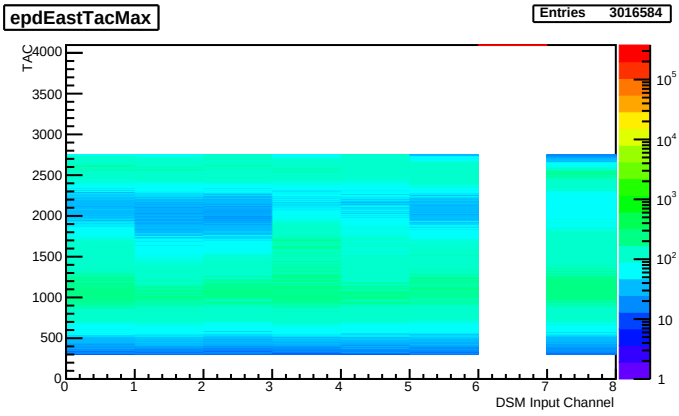
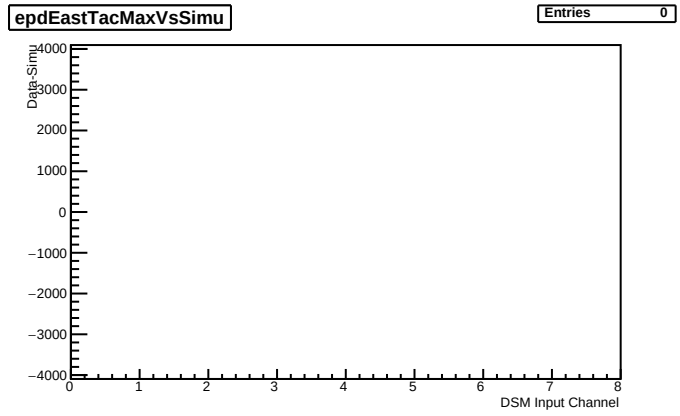
Entries 326809
Data
Simu


epdEastTacMax
Entries 3016584
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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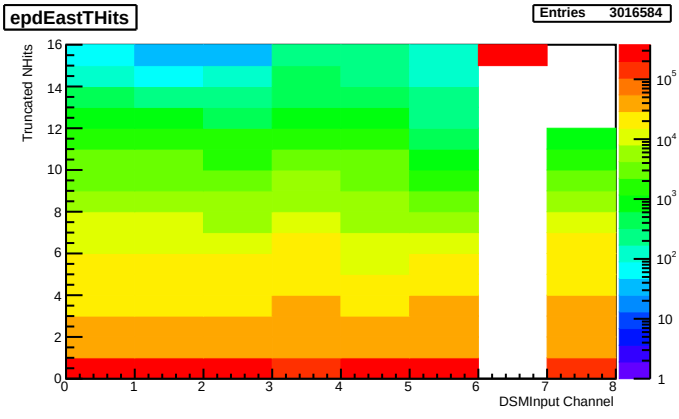
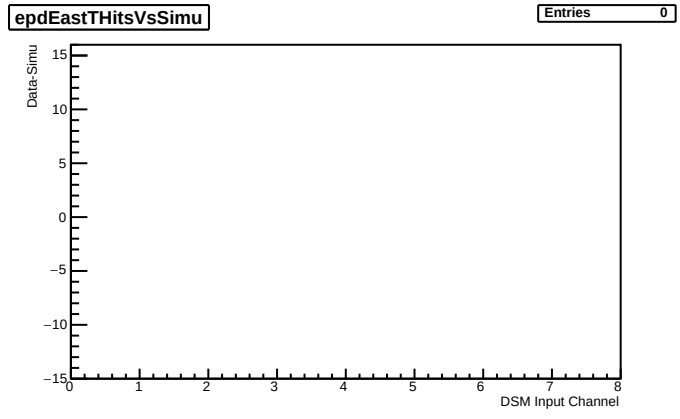

epdEastTHits
Entries 3016584
Truncated NHits
DSMInput Channel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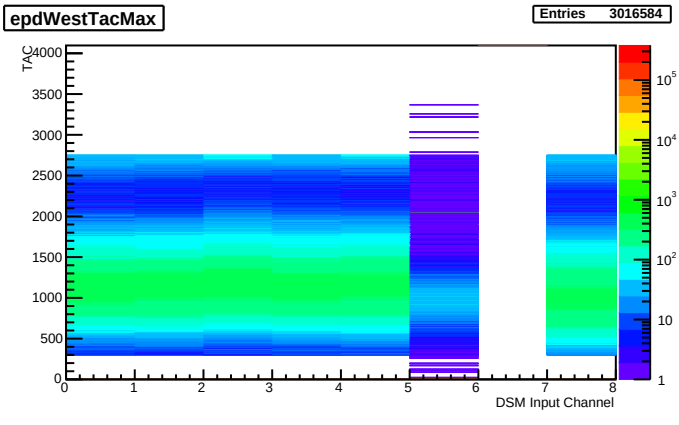
Data-Simu
DSM Input Channel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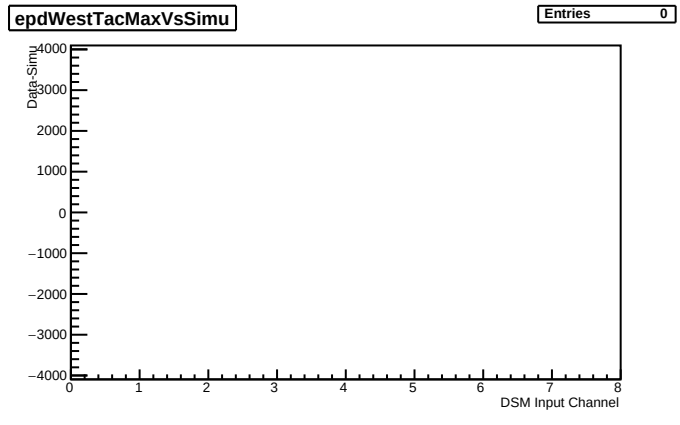
Entries 3016584
TAC
DSM Input Channel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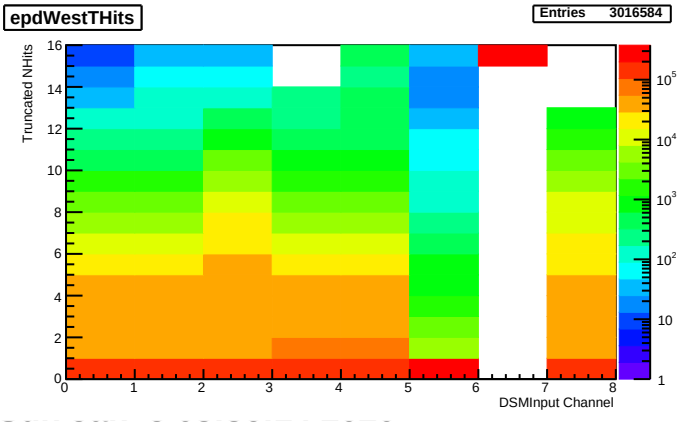
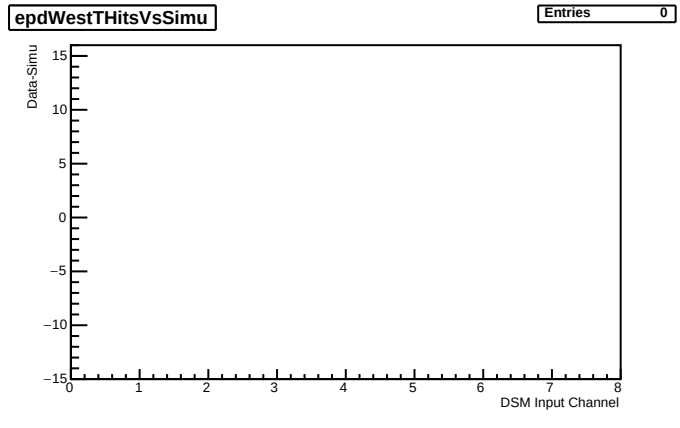
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3016584
Truncated NHits
DSMInput Channel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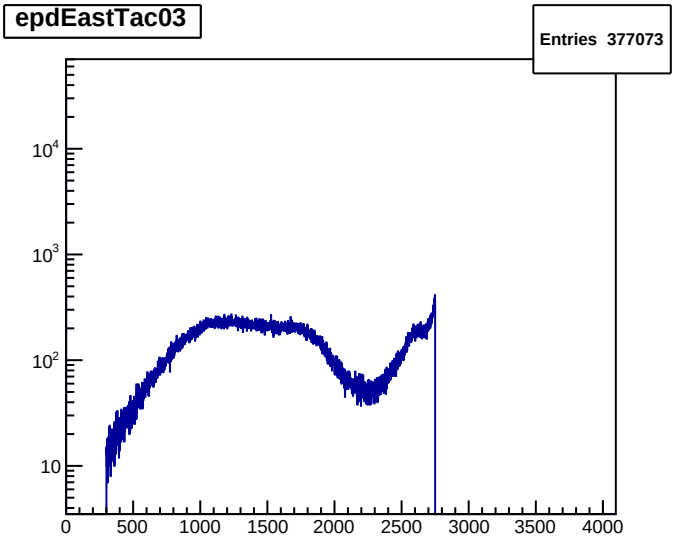
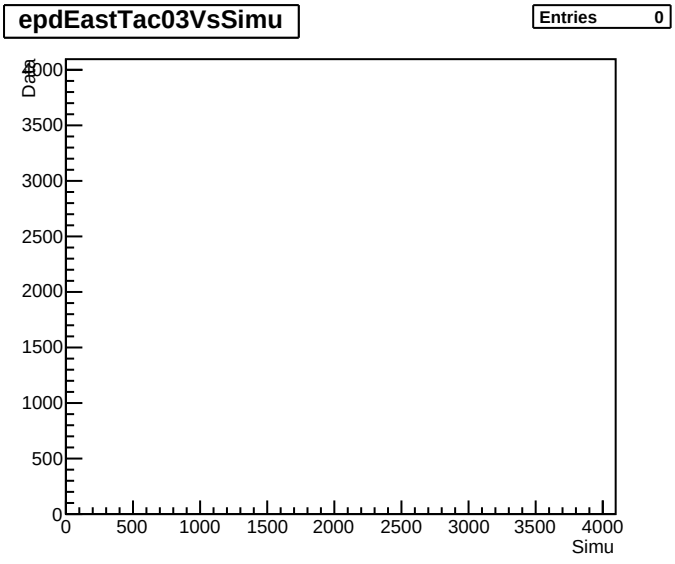
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 377073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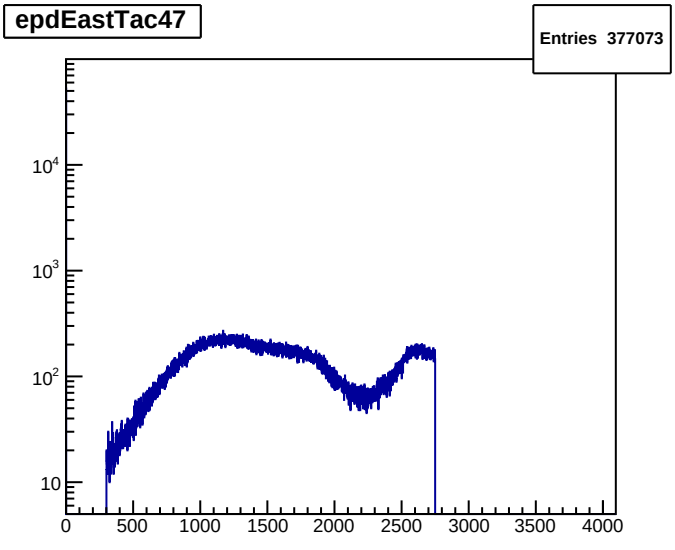
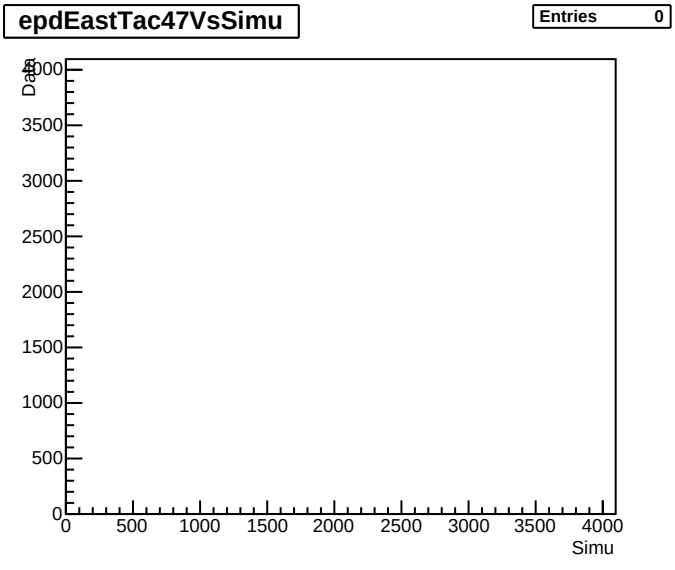
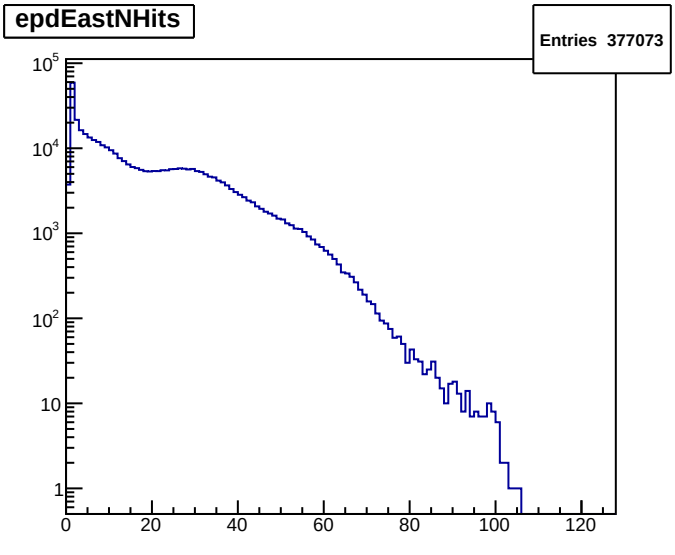
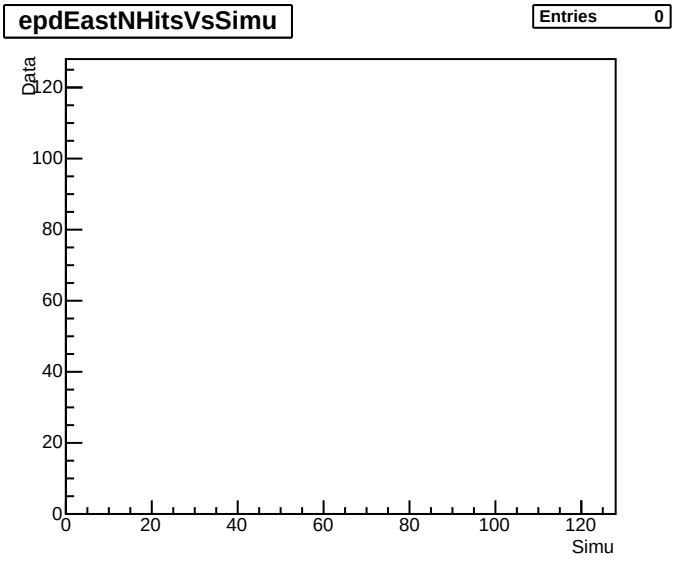
Entries 0
Data
Simu


epdEastTac47
Entries 377073


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 377073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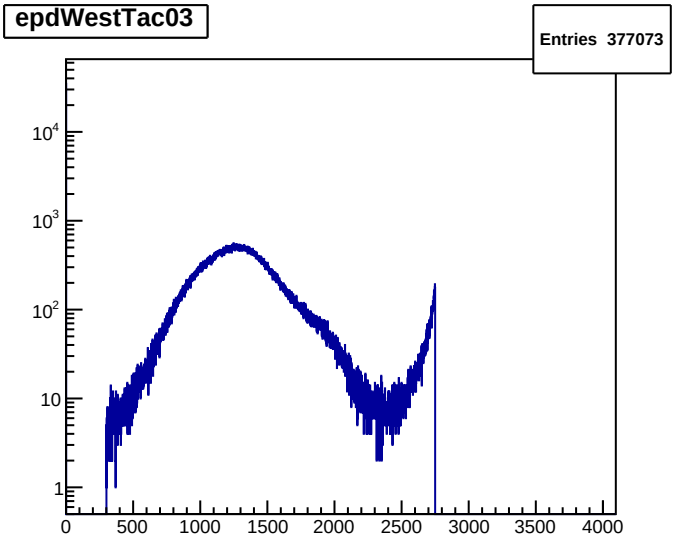
Entries 0
Data
Simu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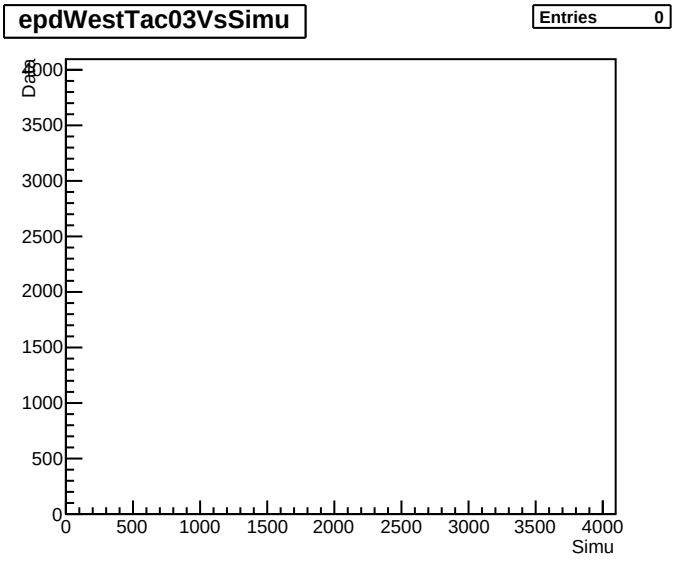
Entries 377073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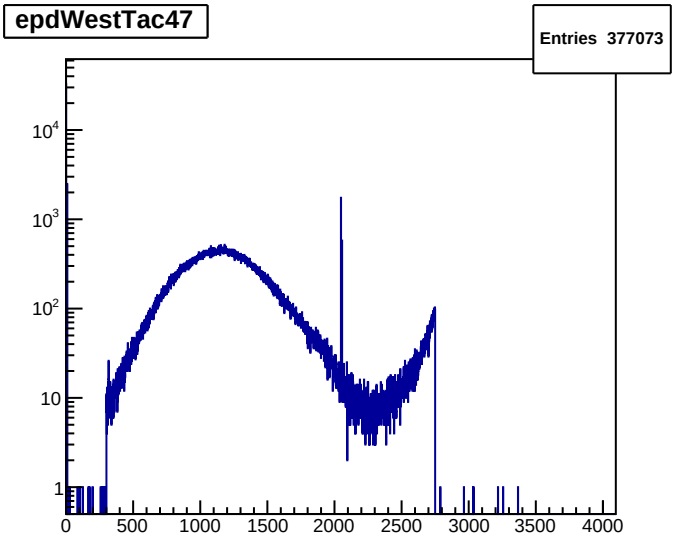
Entries 0
Data
Simu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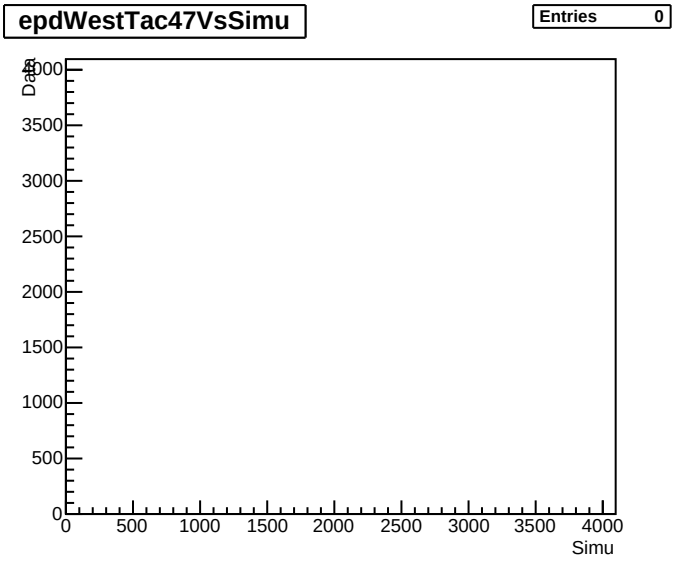
Entries 377073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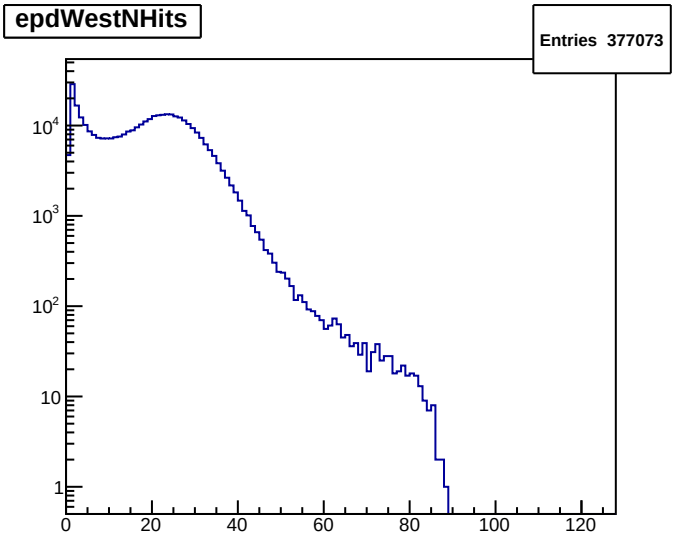
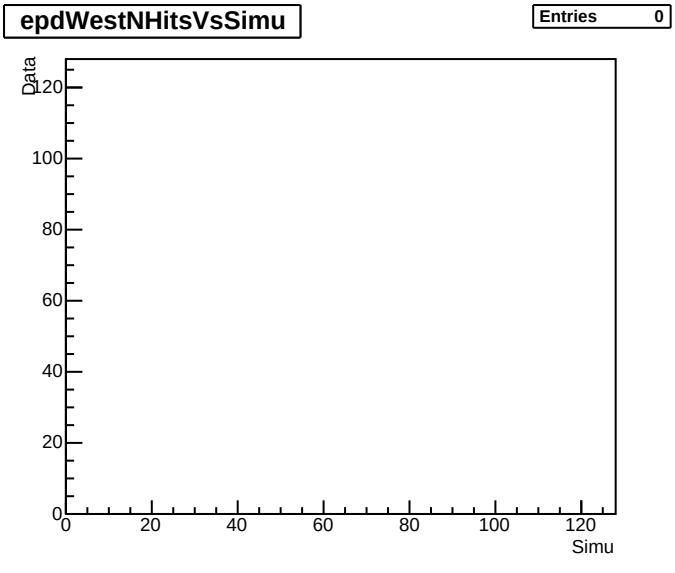
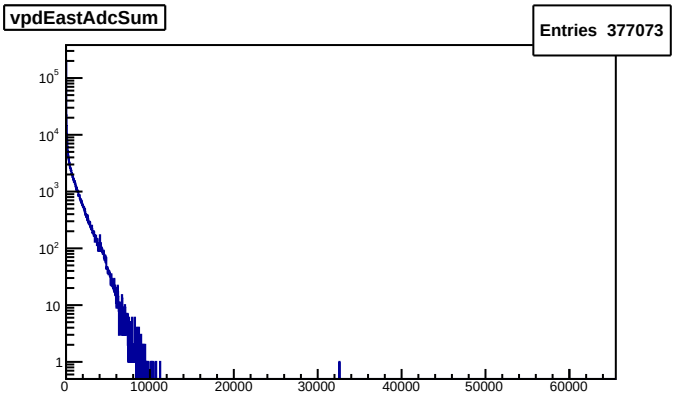
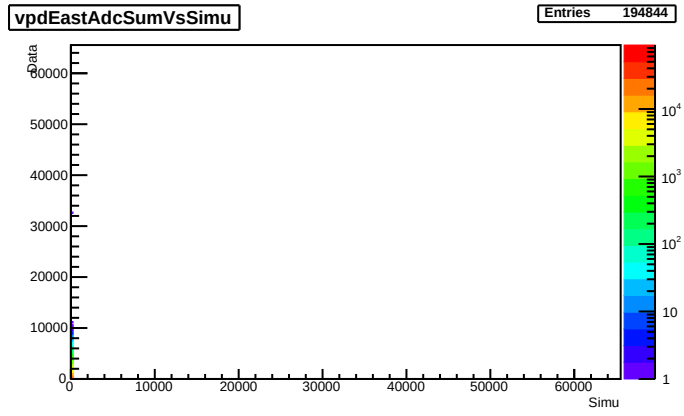
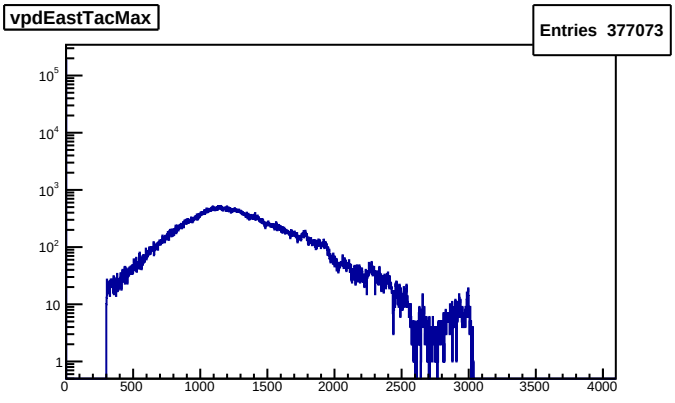
Entries 0
Data
Simu

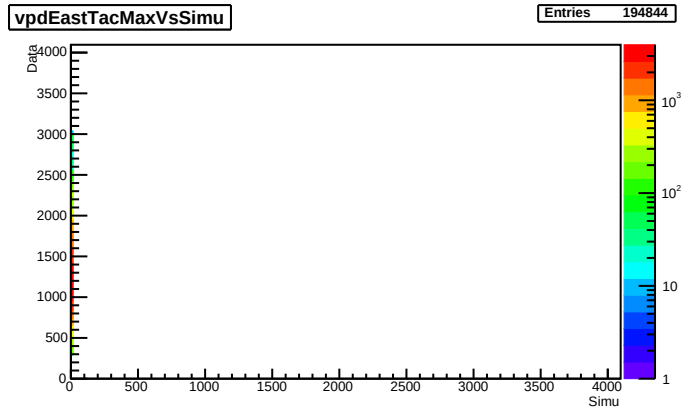

epdWestNHits
Entries 377073

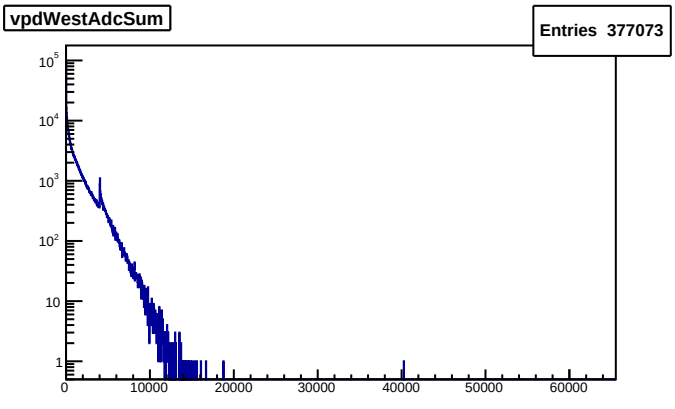

epdWestNHitsVsSimu
Entries 0
Data
Simu

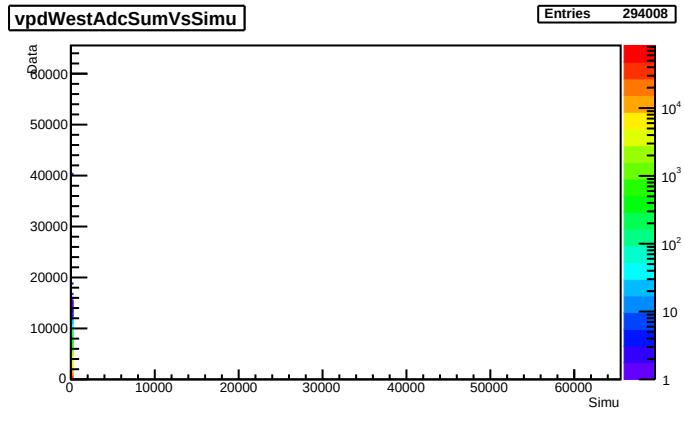

vpdEastAdcSum
Entries 377073

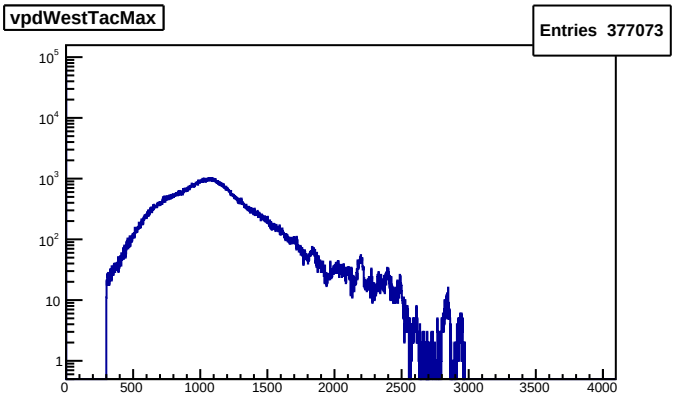

vpdEastAdcSumVsSimu
Entries 194844
Data
Simu

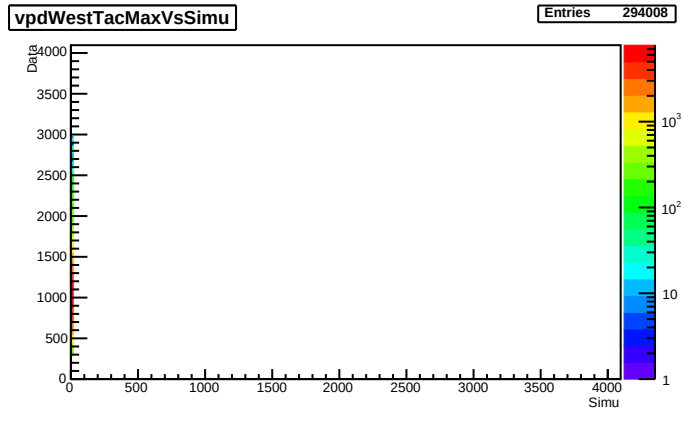

vpdEastTacMax
Entries 377073

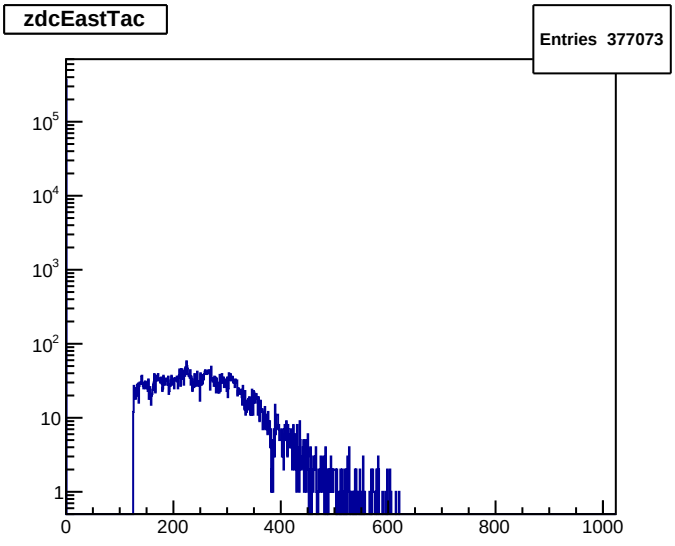

vpdEastTacMaxVsSimu
Entries 194844
Data
Simu

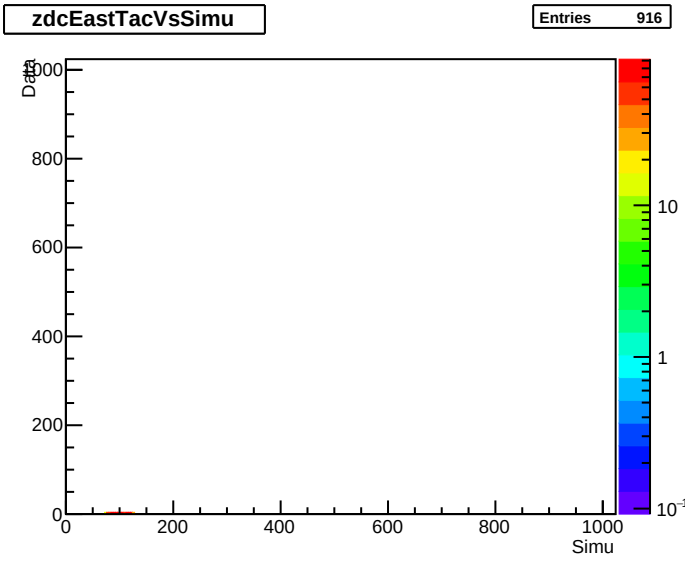

vpdWestAdcSum
Entries 377073

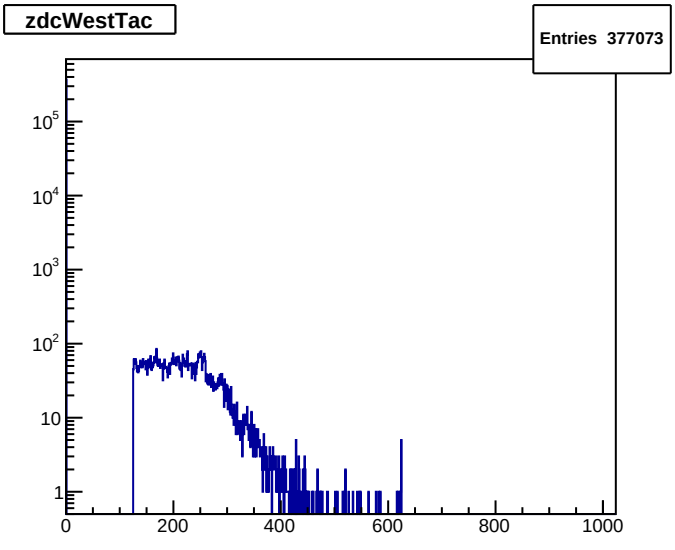

vpdWestAdcSumVsSimu
Entries 294008
Data
Simu

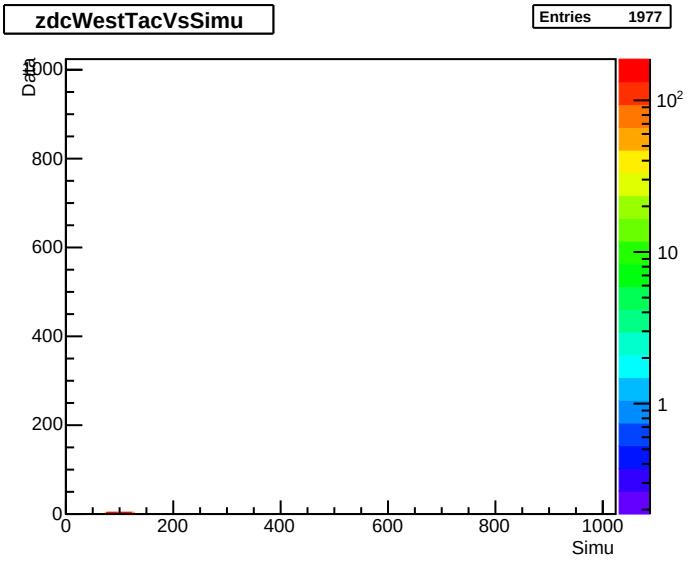

vpdWestTacMax
Entries 377073

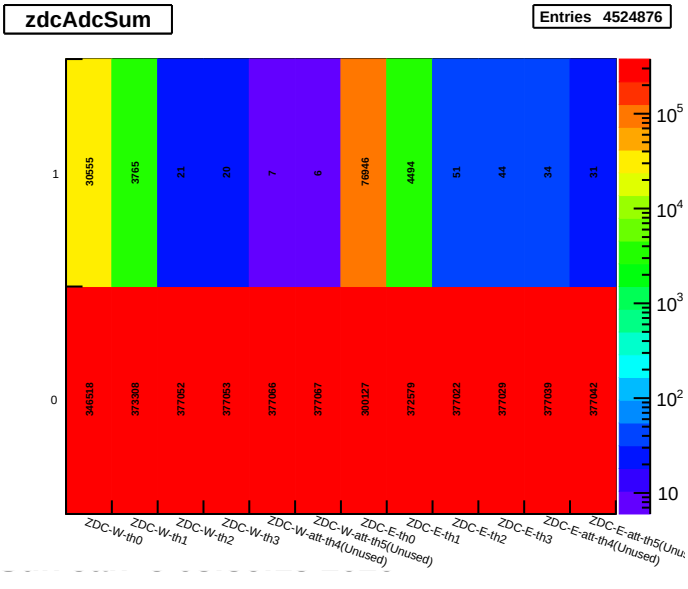

vpdWestTacMaxVsSimu
Entries 294008
Data
Simu

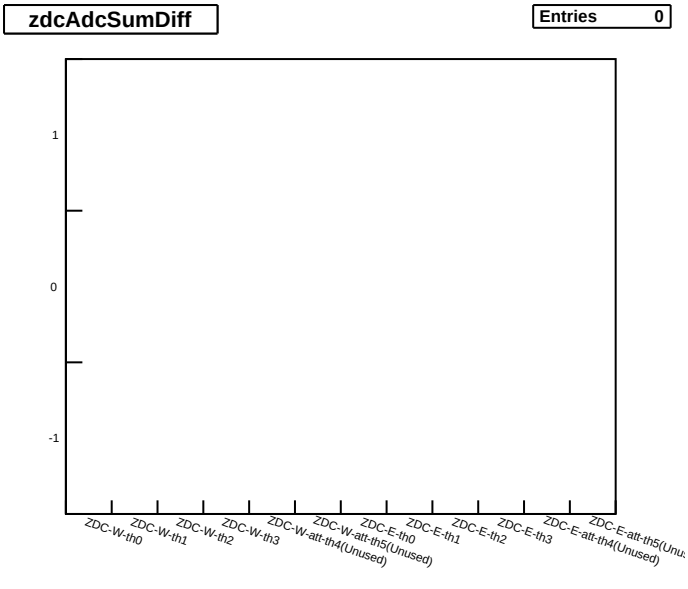

zdcEastTac
Entries 377073

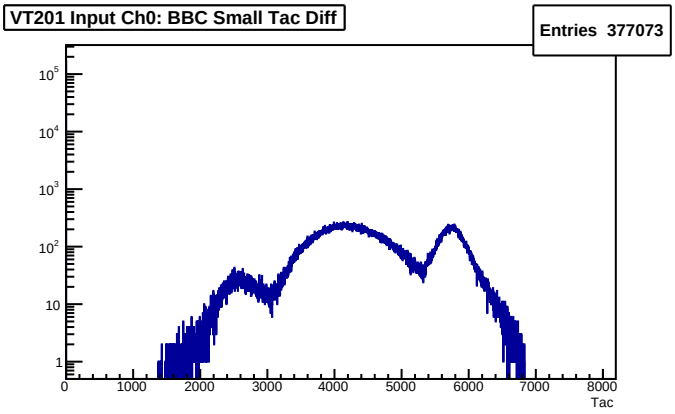

zdcEastTacVsSimu
Entries 916
Data
Simu

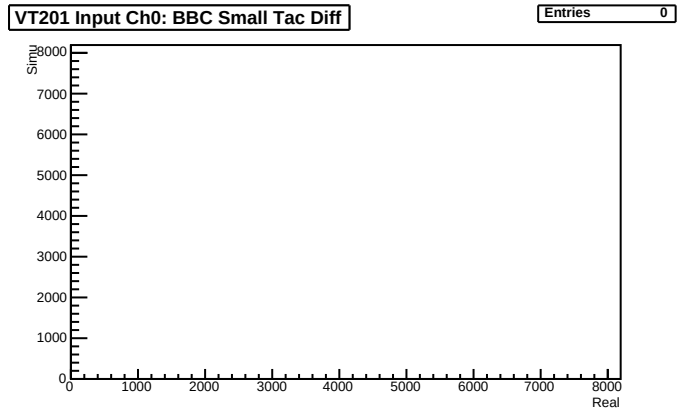

zdcWestTac
Entries 377073

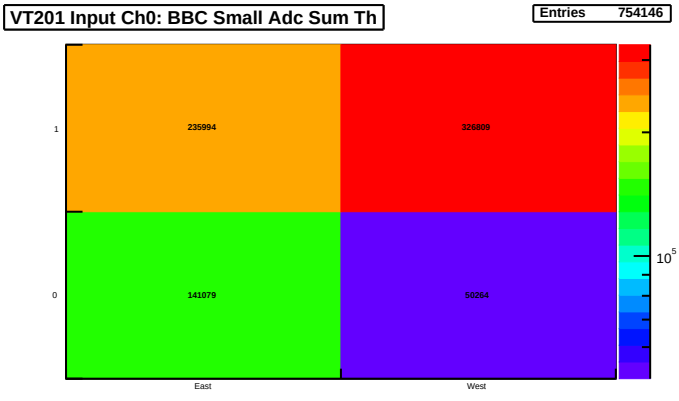

zdcWestTacVsSimu
Entries 1977
Data
Simu

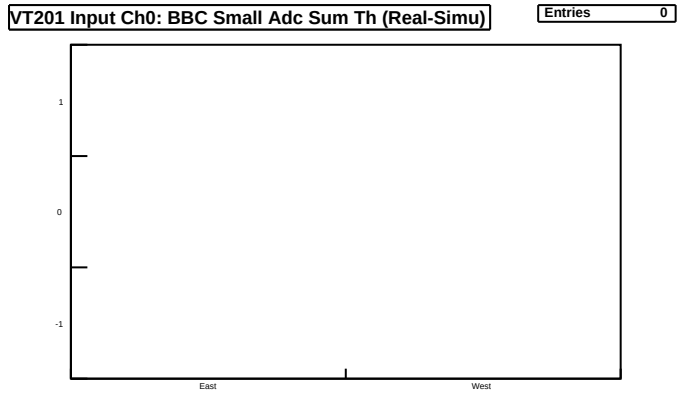

zdcAdcSum
Entries 4524876
30555
3765
21
20
7
6
76946
4494
51
44
34
31
346518
373308
377052
377053
377066
377067
300127
372579
377022
377029
377039
377042
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

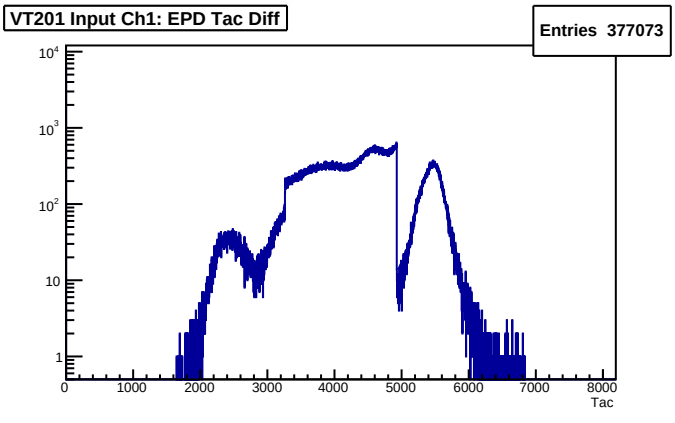

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

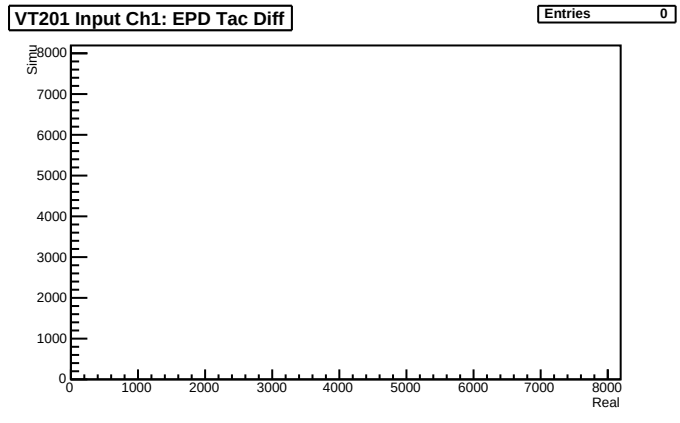

VT201 Input Ch0: BBC Small Tac Diff
Entries 377073
Tac

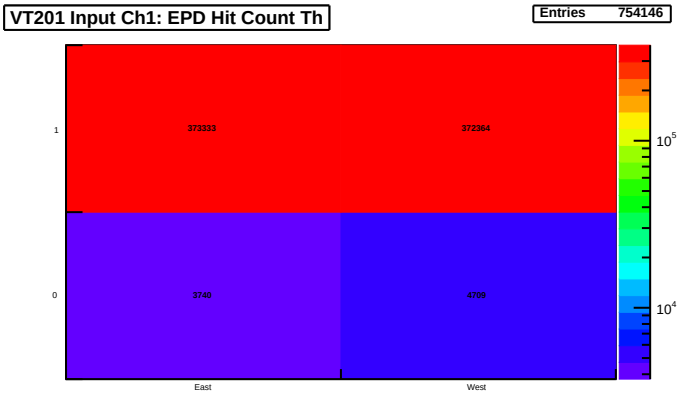

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

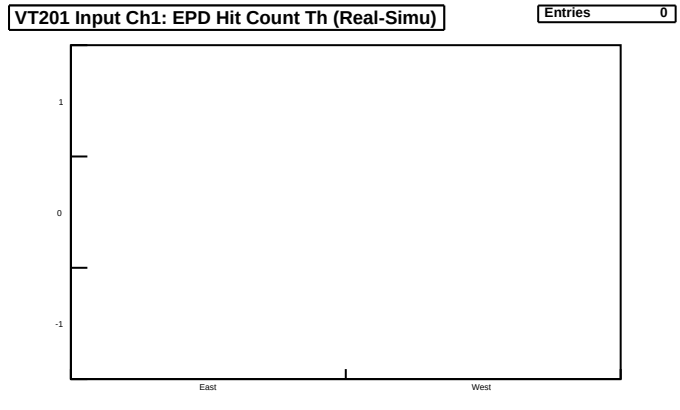

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 754146
235994
326809
141079
50264
East
West

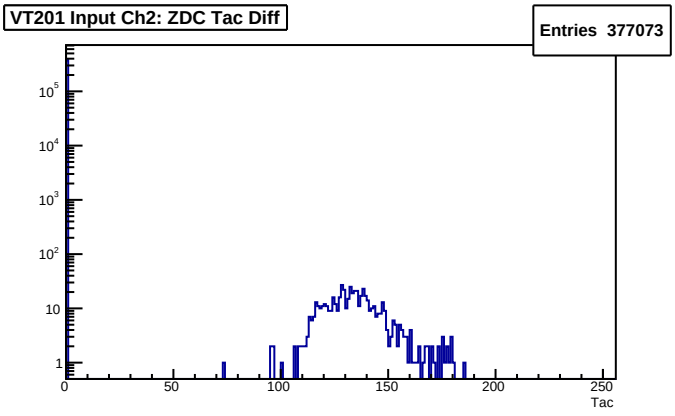

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

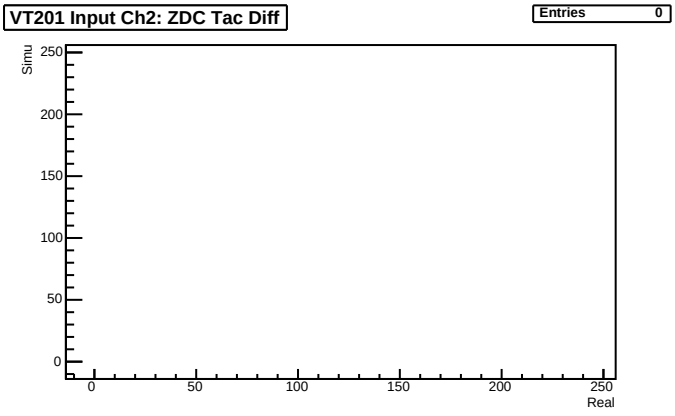

VT201 Input Ch1: EPD Tac Diff
Entries 377073
Tac

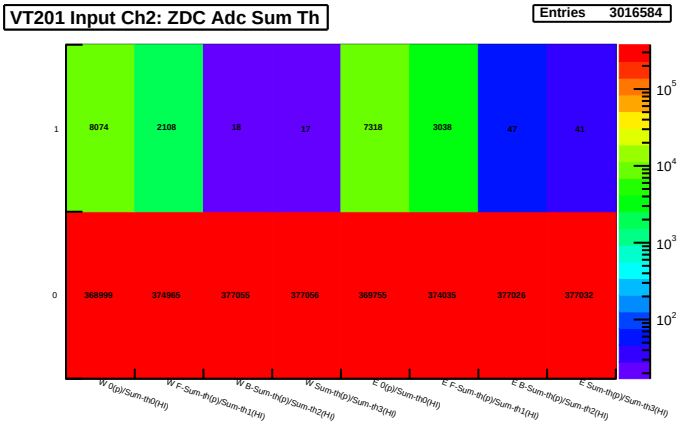

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

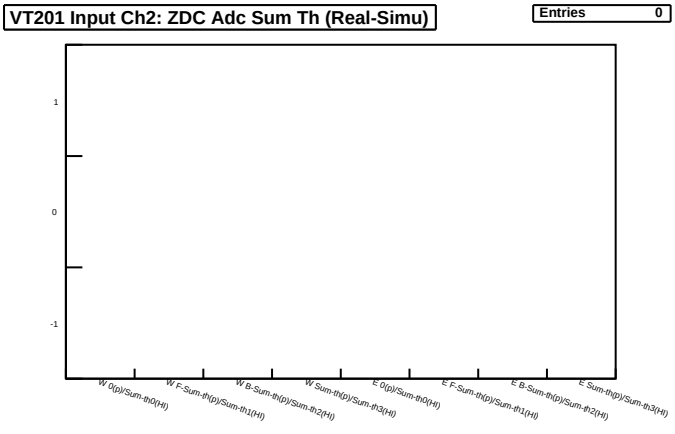

VT201 Input Ch1: EPD Hit Count Th
Entries 754146
373333
372364
3740
4709
East
West

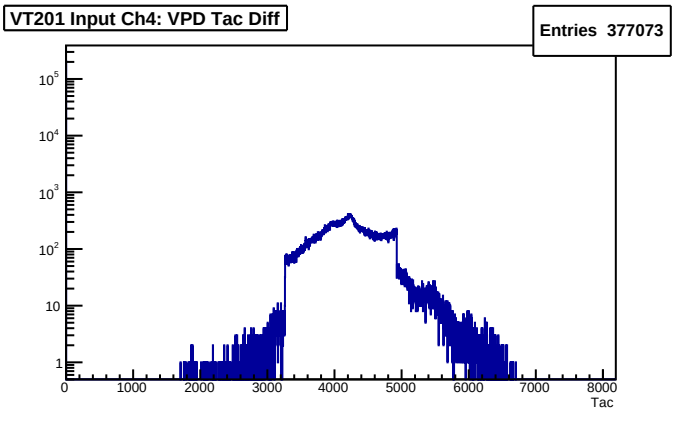

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

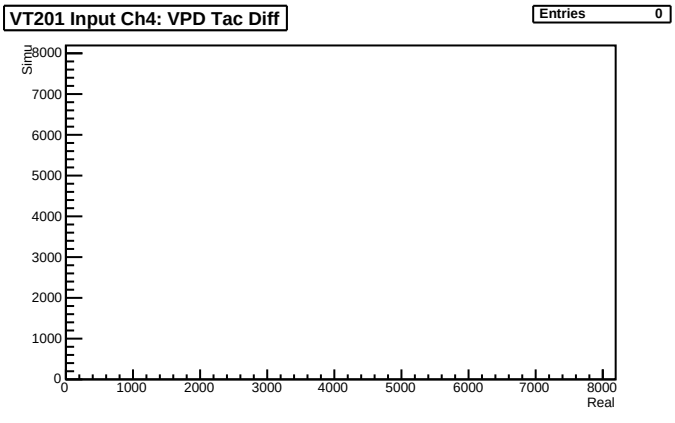

VT201 Input Ch2: ZDC Tac Diff
Entries 377073
Tac

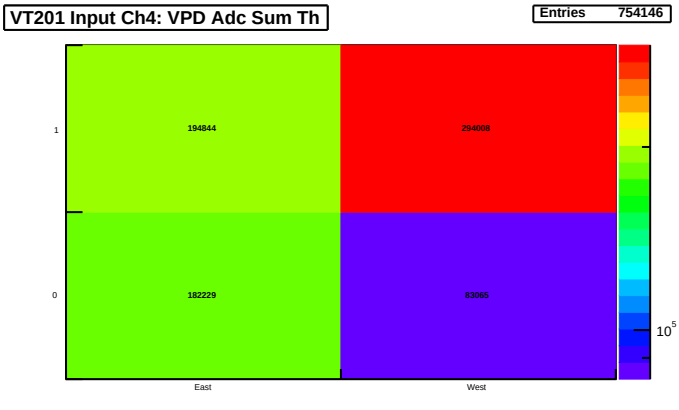

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

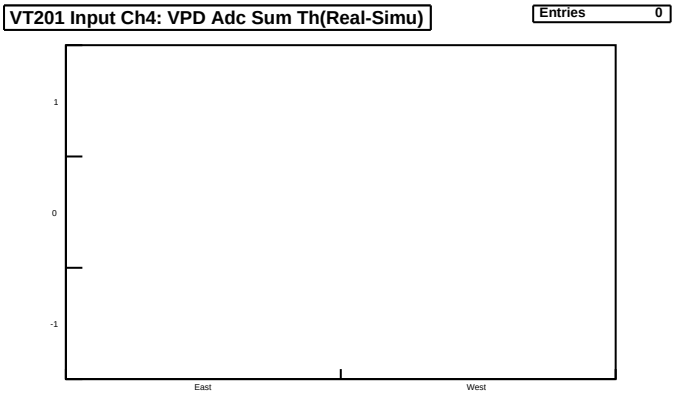

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3016584
8074
2108
18
17
7318
3038
47
41
368999
374965
377055
377056
369755
374035
377026
377032
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

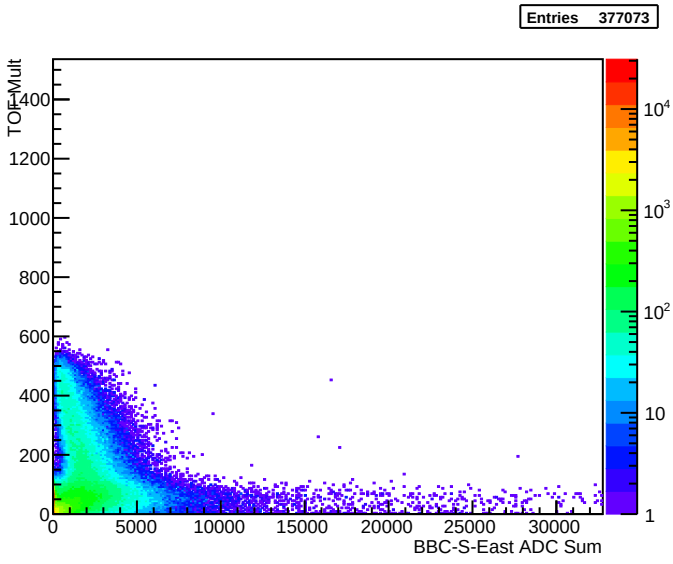

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

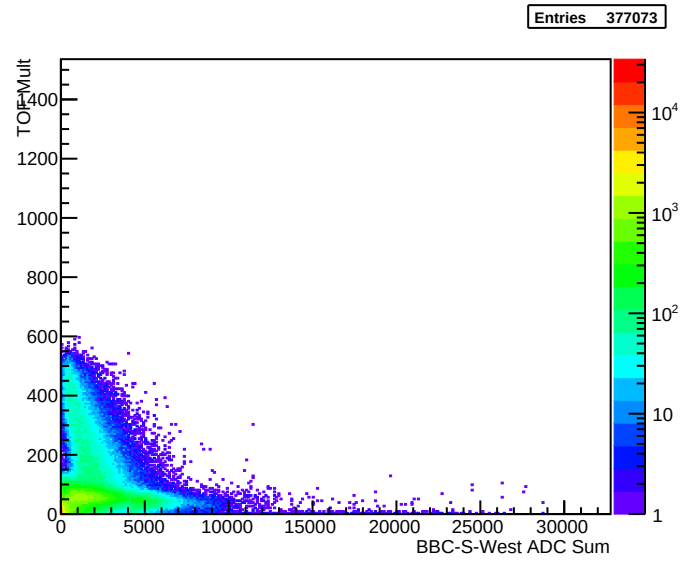

VT201 Input Ch4: VPD Tac Diff
Entries 377073
Tac

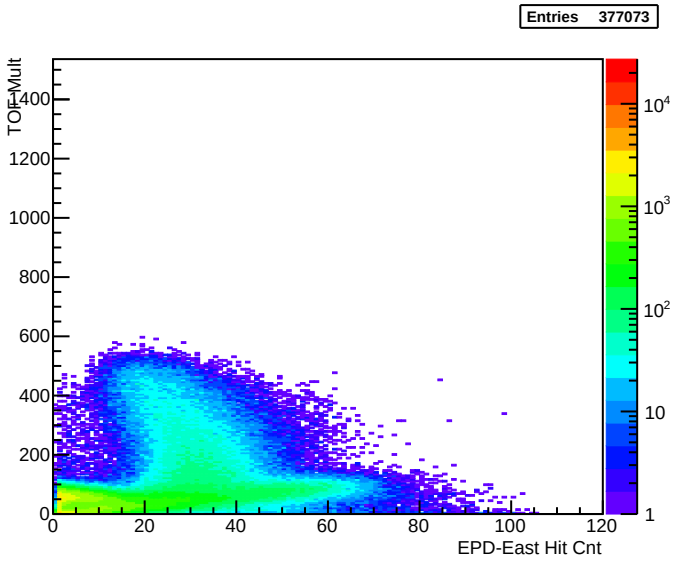

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

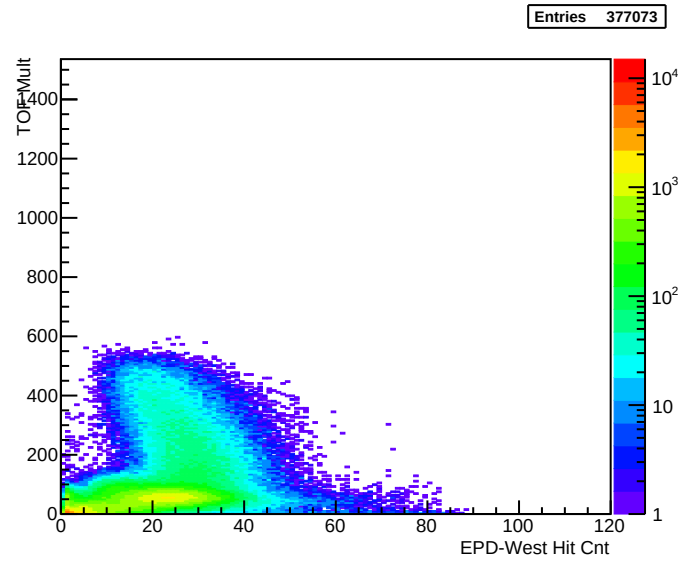

VT201 Input Ch4: VPD Adc Sum Th
Entries 754146
194844
294008
182229
83065
East
West

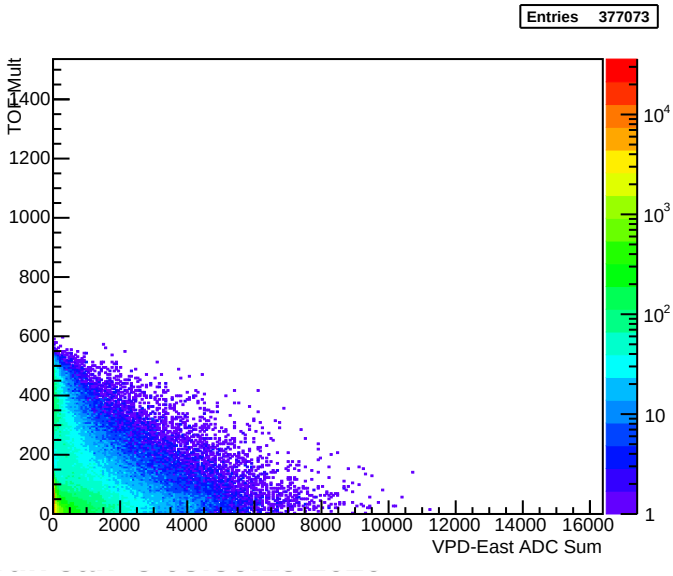

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

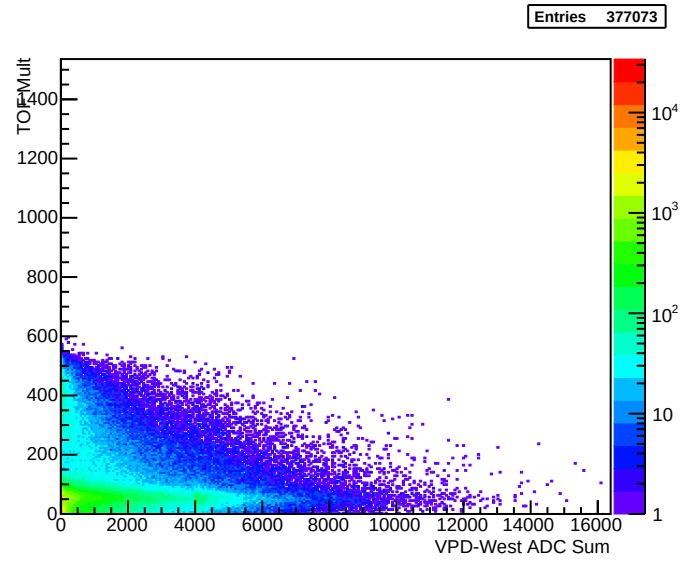

Entries 377073
TOF-Mult
BBC-S-East ADC Sum

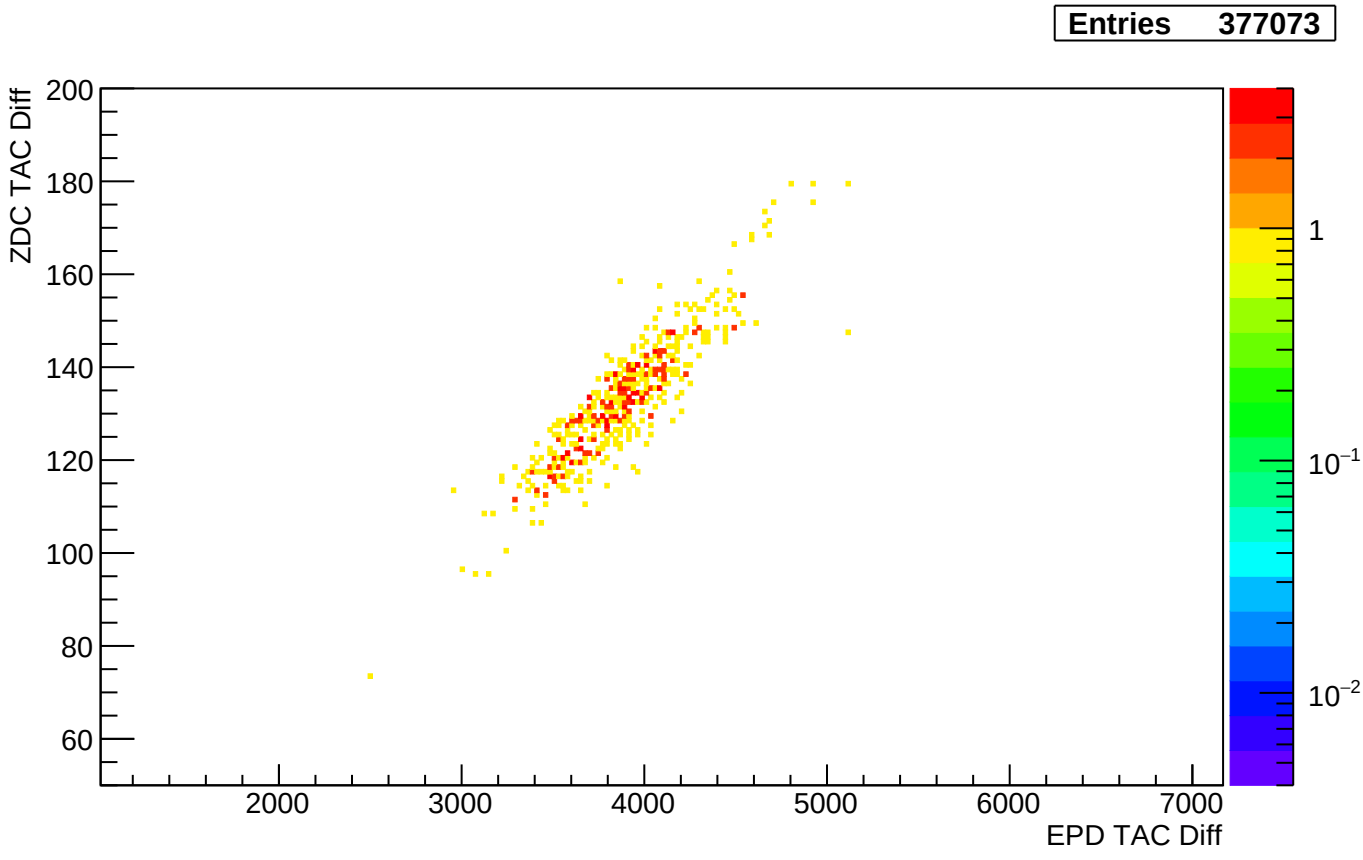

Entries 377073
TOF-Mult
BBC-S-West ADC Sum

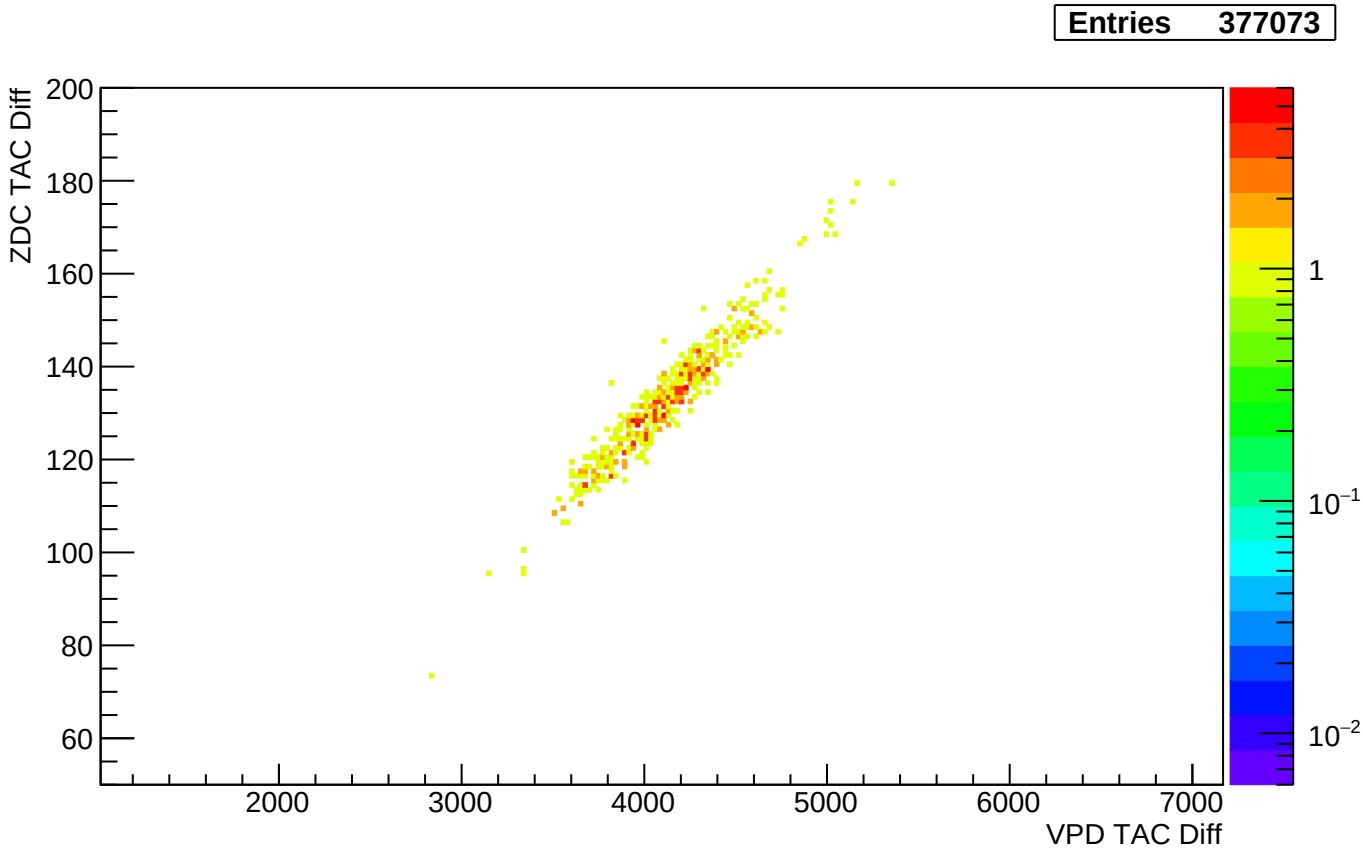

Entries 377073
TOF-Mult
EPD-East Hit Cnt

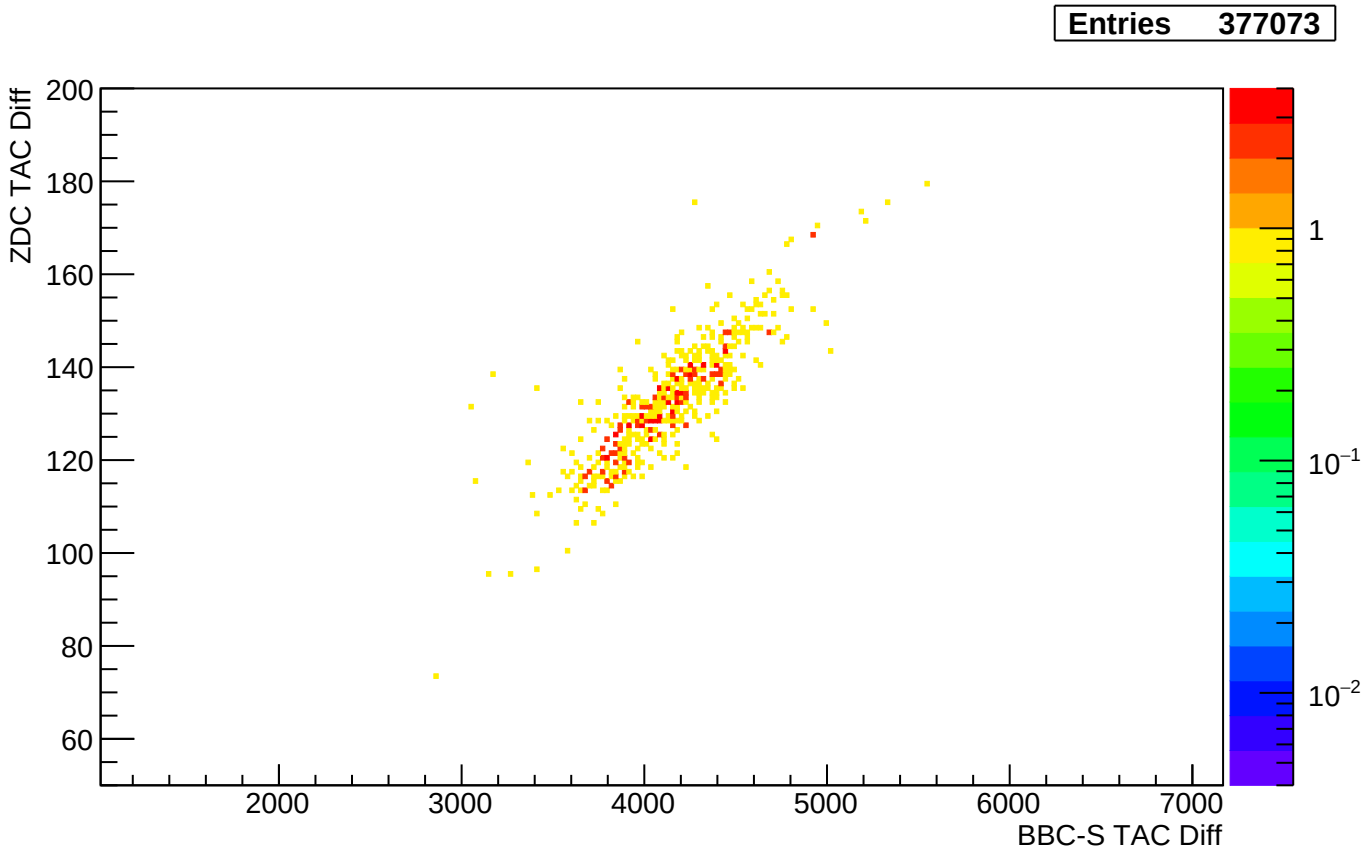

Entries 377073
TOF-Mult
EPD-West Hit Cnt

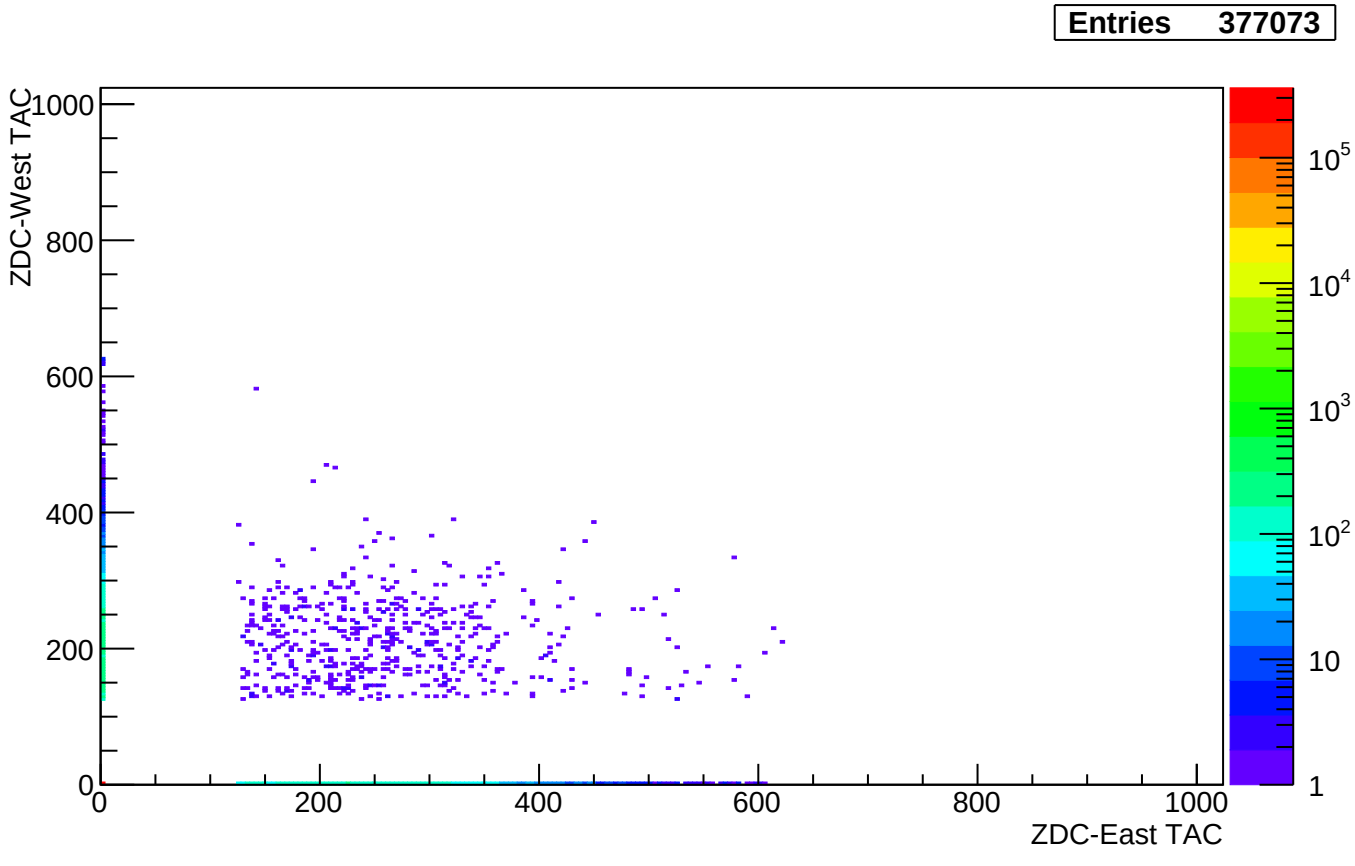

Entries 377073
TOF-Mult
VPD-East ADC Sum

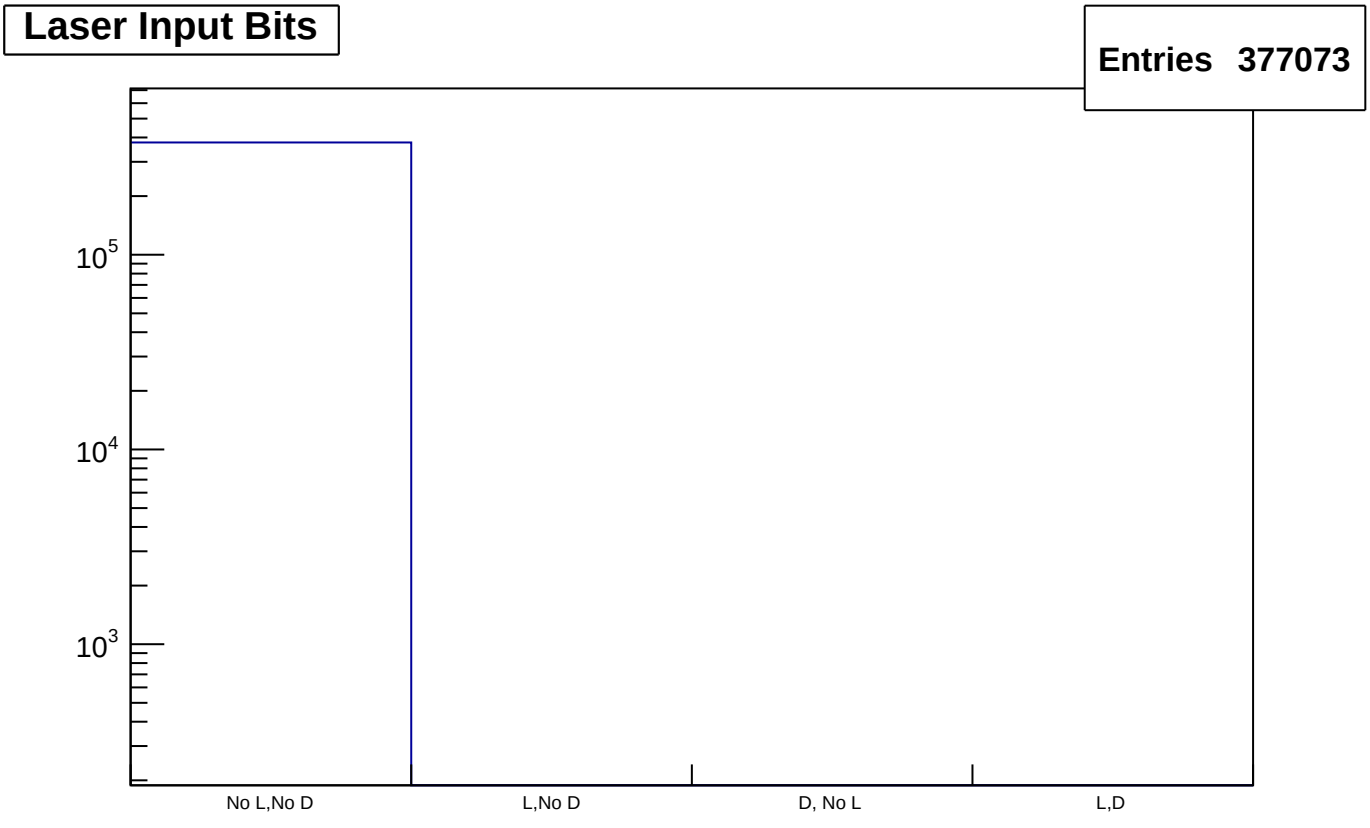

Entries 377073
TOF-Mult
VPD-West ADC Sum

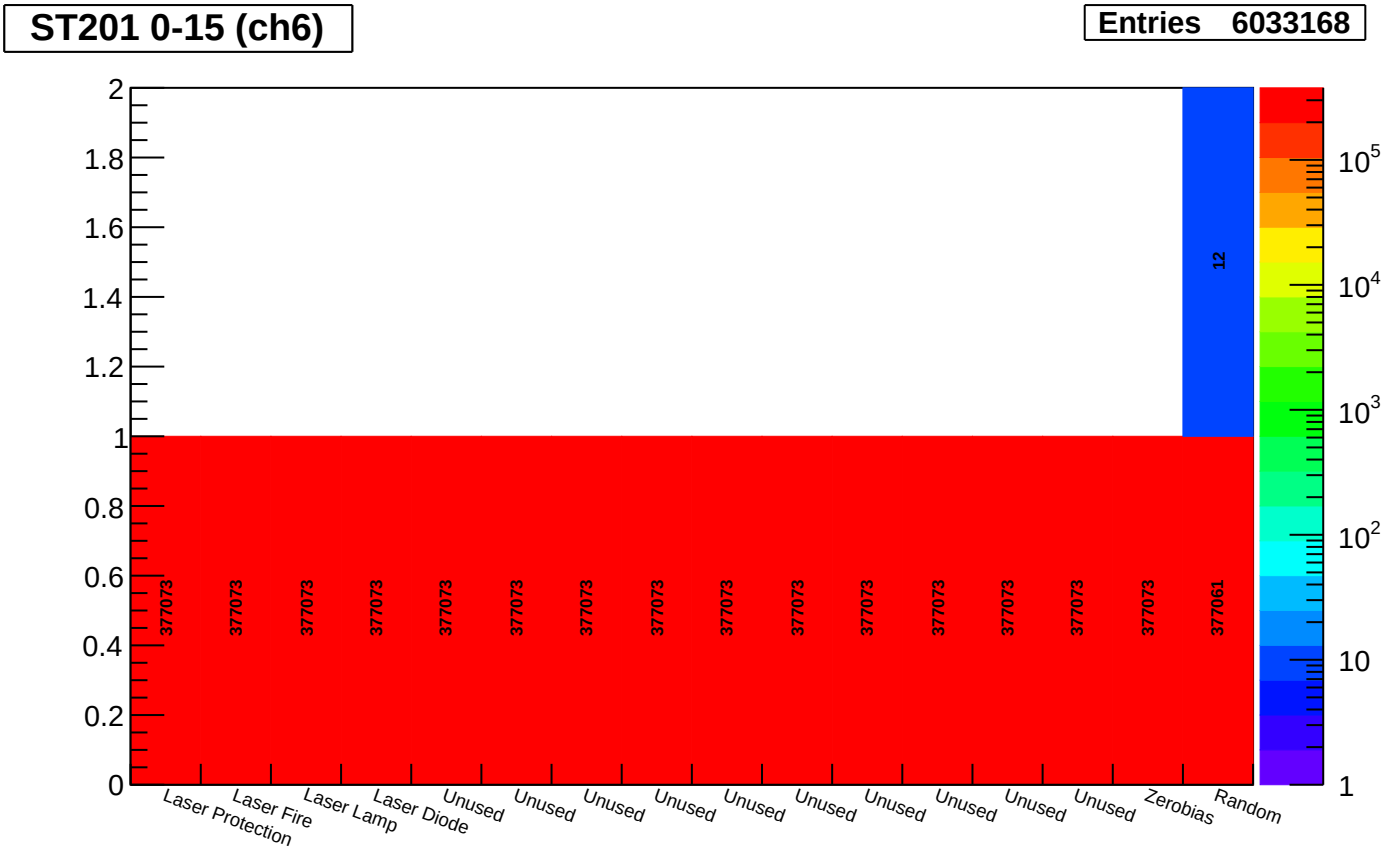

Entries 377073
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

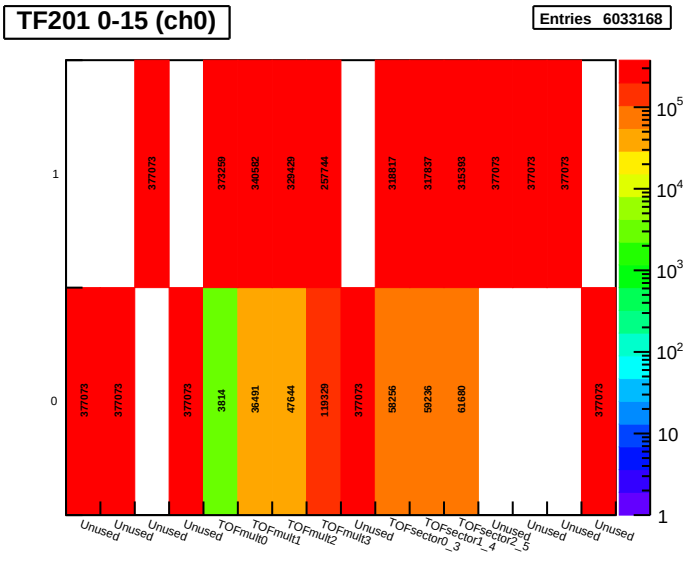

Entries 377073
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

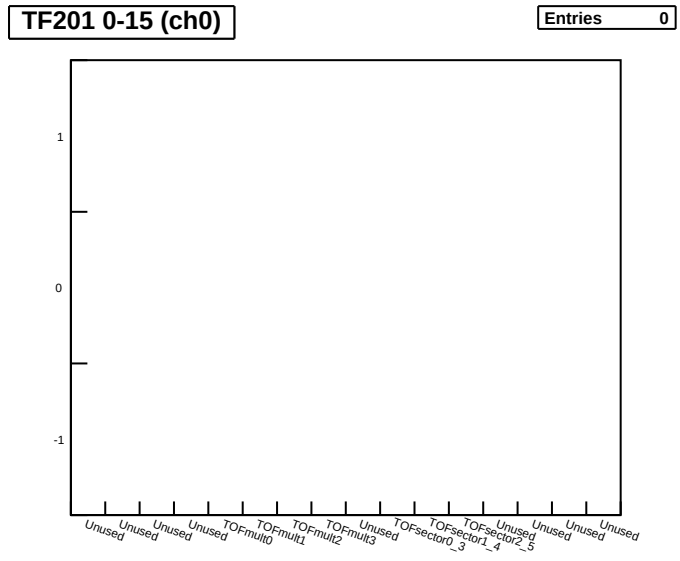

Entries 377073
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

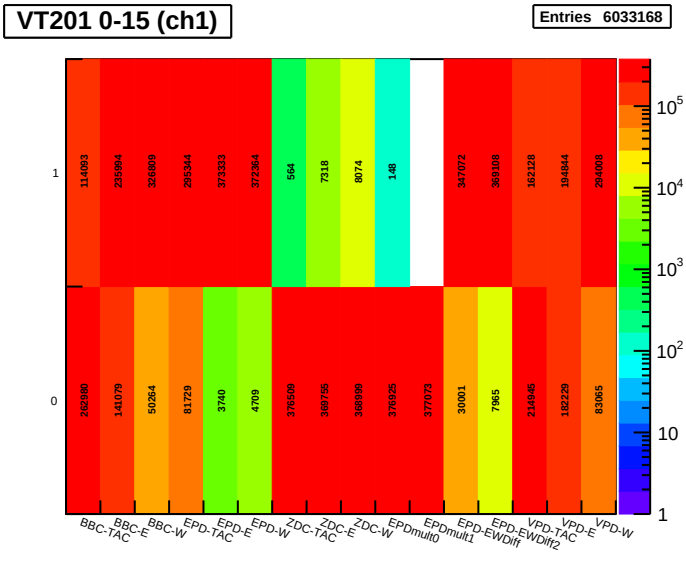

Entries 377073
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

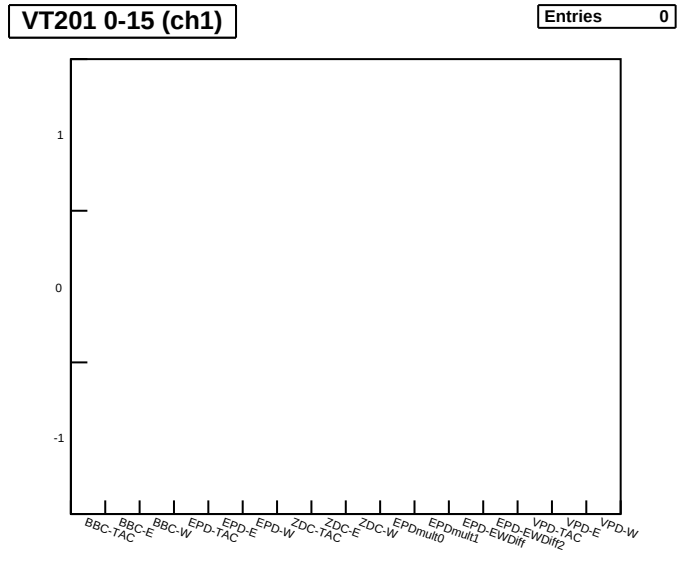

Laser Input Bits
Entries 377073
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

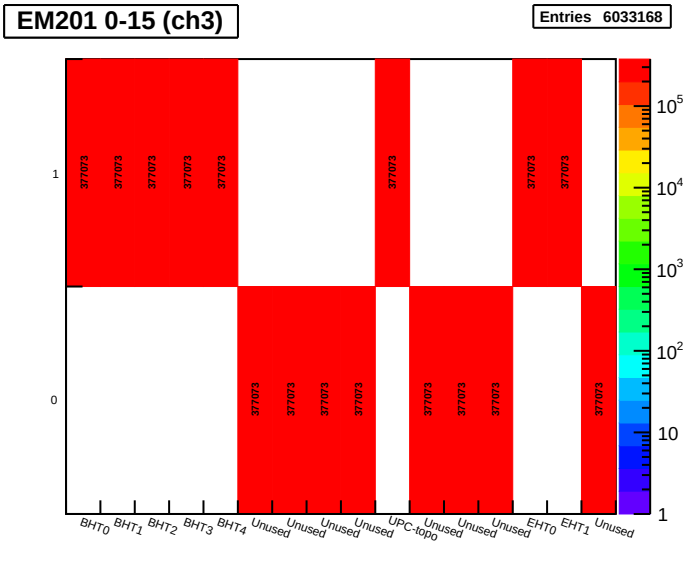

ST201 0-15 (ch6)
Entries 6033168
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
377073
377061
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

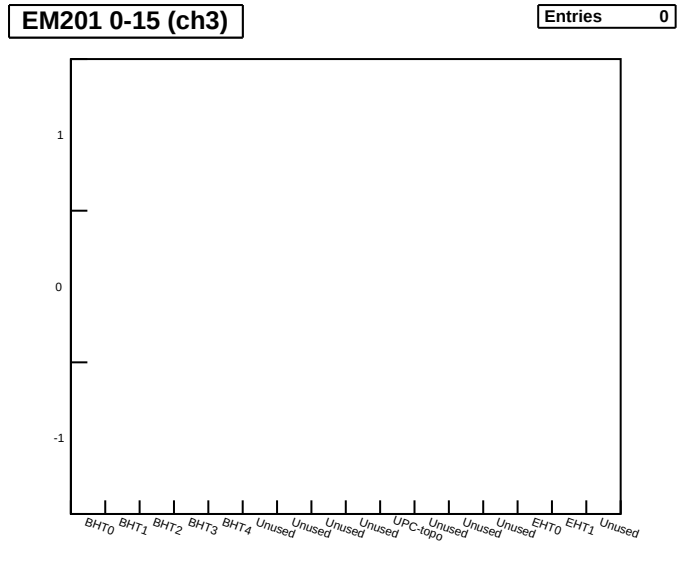

TF201 0-15 (ch0)
Entries 6033168
1
0
377073
373259
340582
329429
297744
318817
317837
315393
377073
377073
377073
377073
377073
377073
3814
36491
47644
119329
58256
59236
61680
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 6033168
1
0
114093
235994
326809
295344
373333
372354
564
7318
8074
148
347072
369108
162128
194844
294008
262980
141079
50264
81729
3740
4709
376509
369755
368999
376925
377073
30001
7965
214945
182229
83065
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 6033168
1
0
377073
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