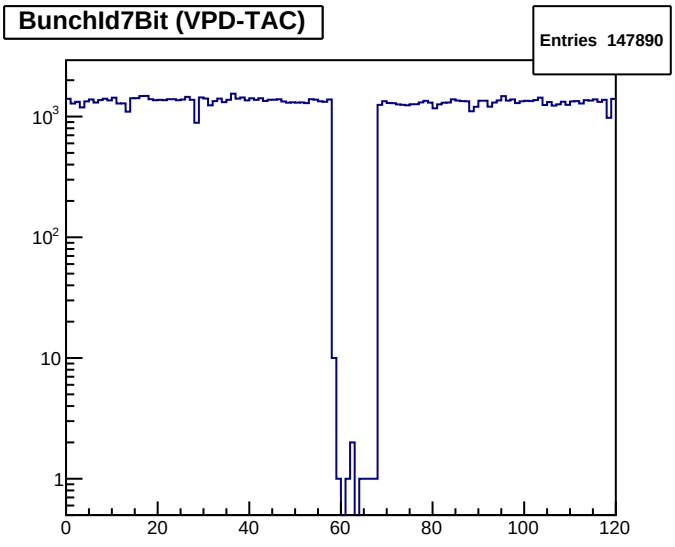
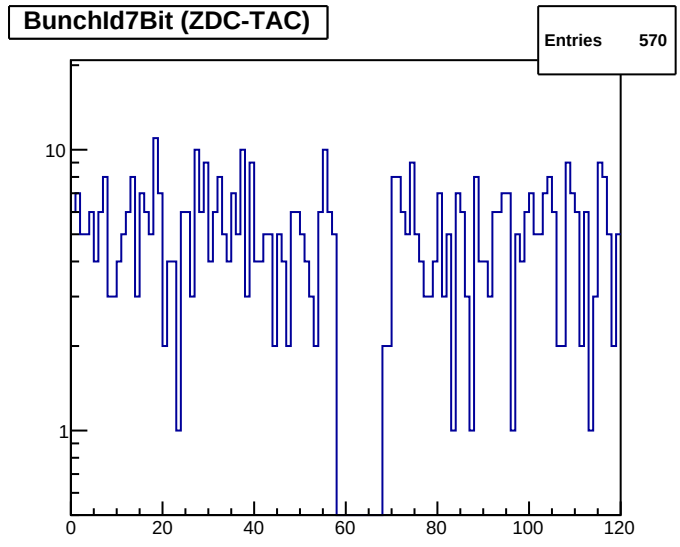
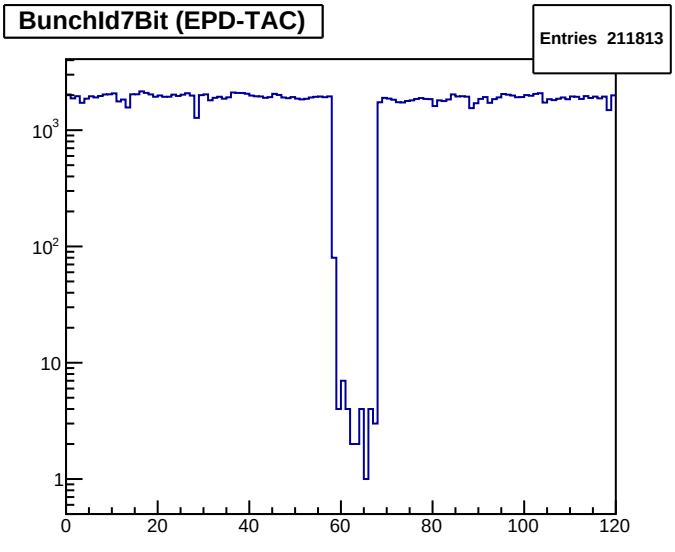
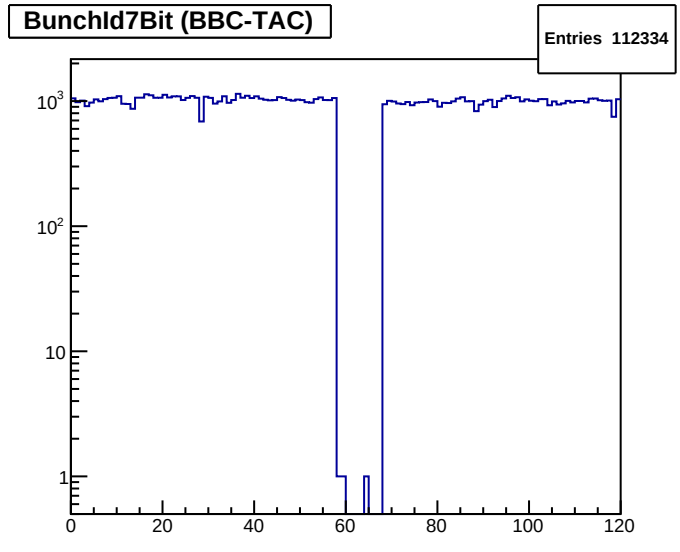
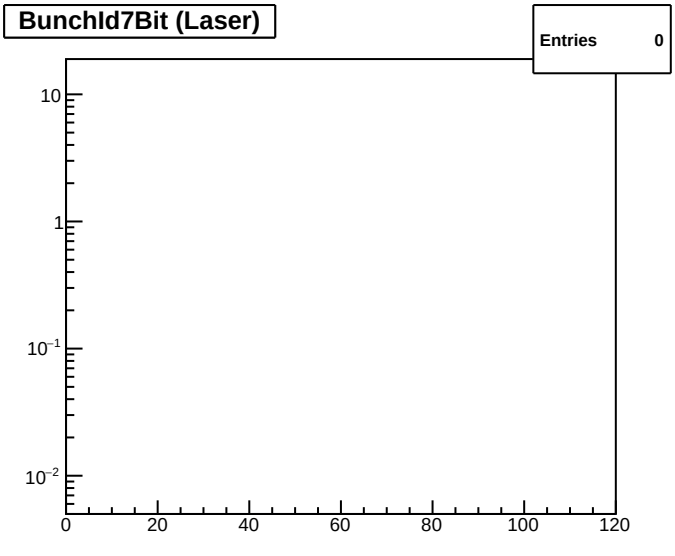
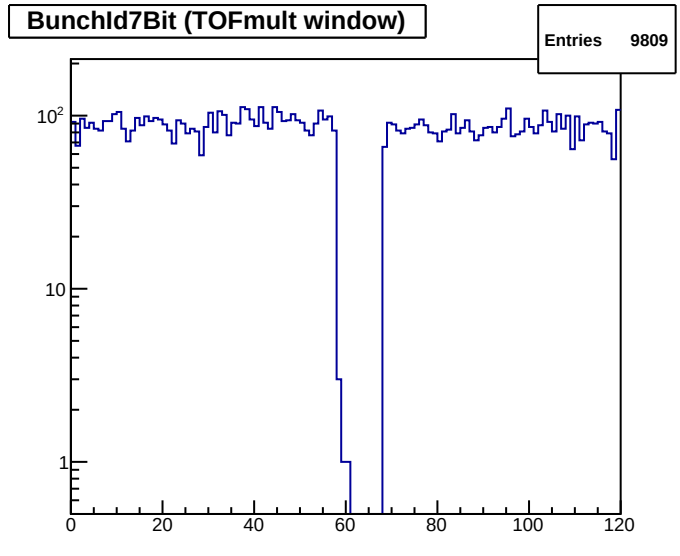

BunchId7Bit (VPD-TAC)
Entries 147890

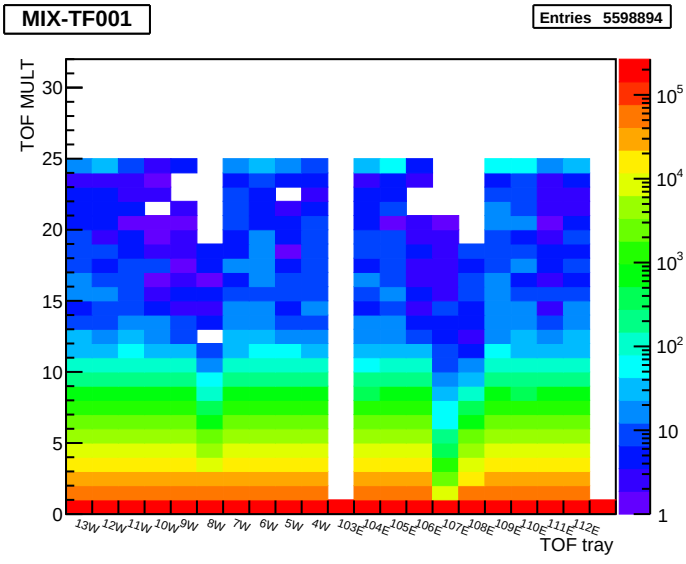

BunchId7Bit (ZDC-TAC)
Entries 570

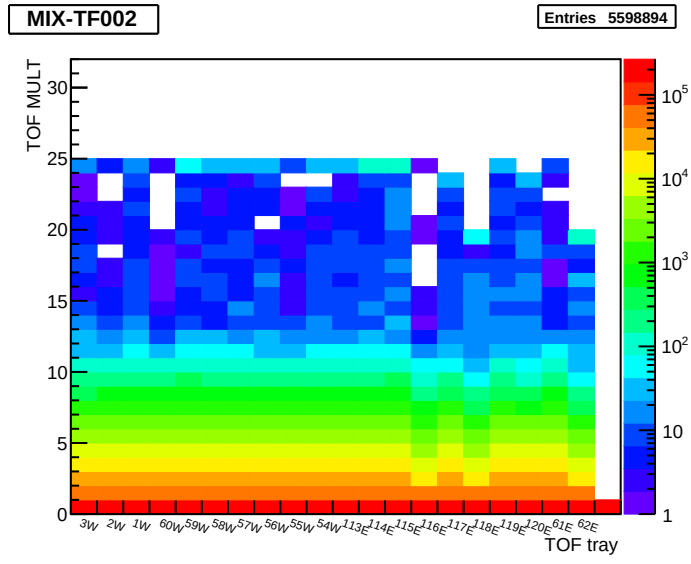

BunchId7Bit (EPD-TAC)
Entries 211813

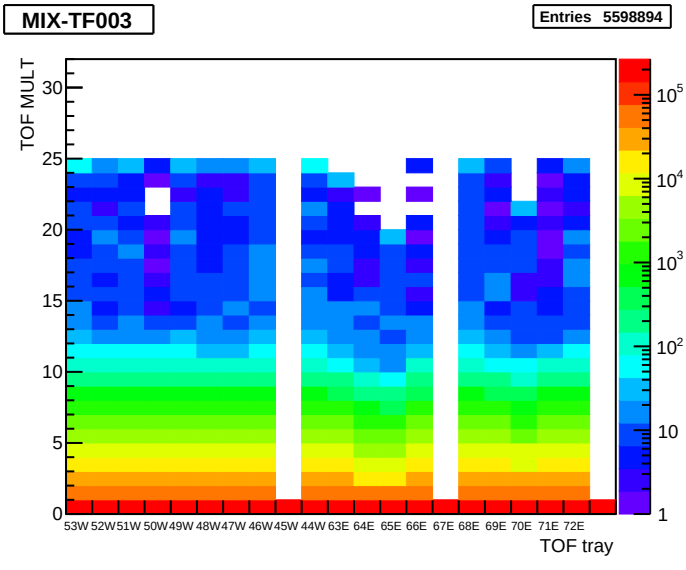

BunchId7Bit (BBC-TAC)
Entries 112334

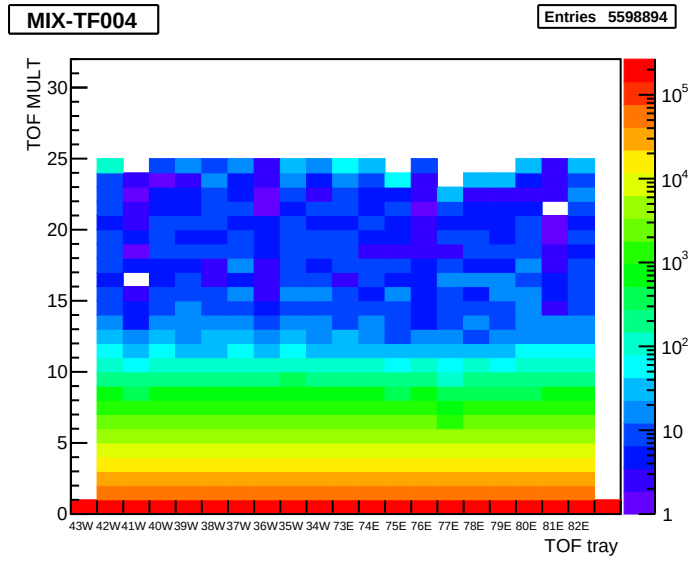

BunchId7Bit (Laser)
Entries 0

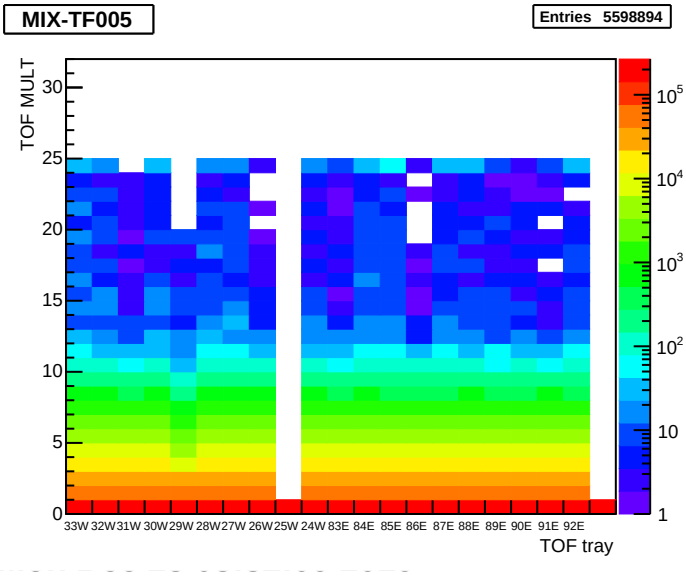

BunchId7Bit (TOFmult window)
Entries 9809

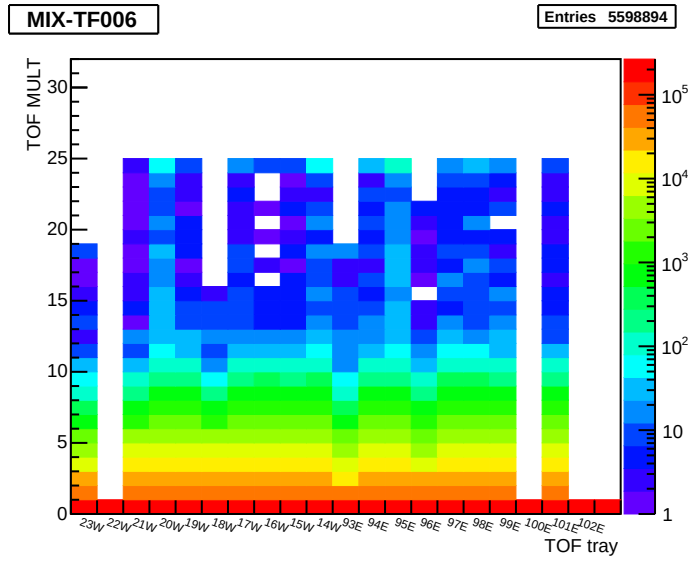

MIX-TF001
Entries 5598894
TOF MULT
TOF tray

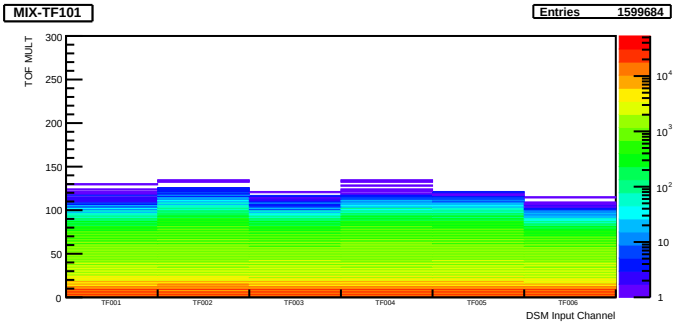

MIX-TF002
Entries 5598894
TOF MULT
TOF tray

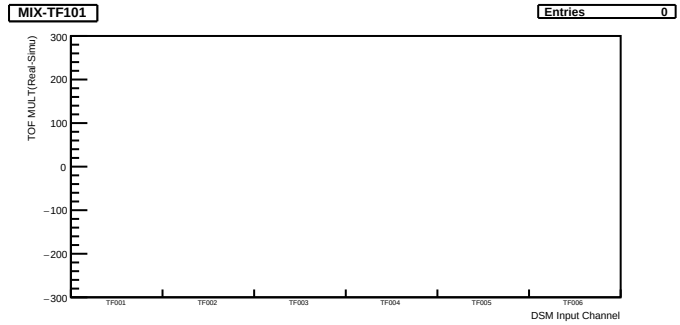

MIX-TF003
Entries 5598894
TOF MULT
TOF tray

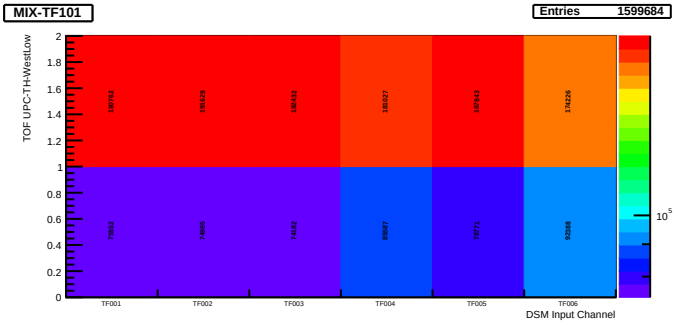

MIX-TF004
Entries 5598894
TOF MULT
TOF tray

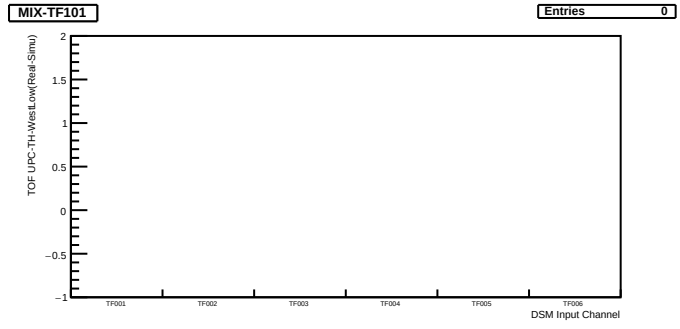

MIX-TF005
Entries 5598894
TOF MULT
TOF tray

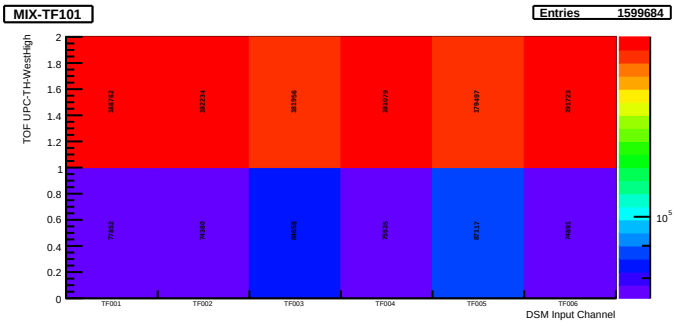

MIX-TF006
Entries 5598894
TOF MULT
TOF tray

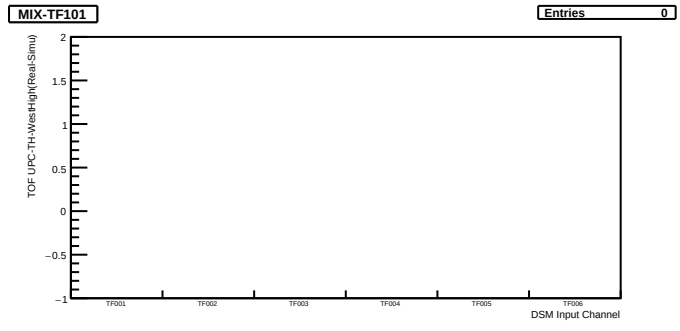

MIX-TF101
Entries 1599684
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

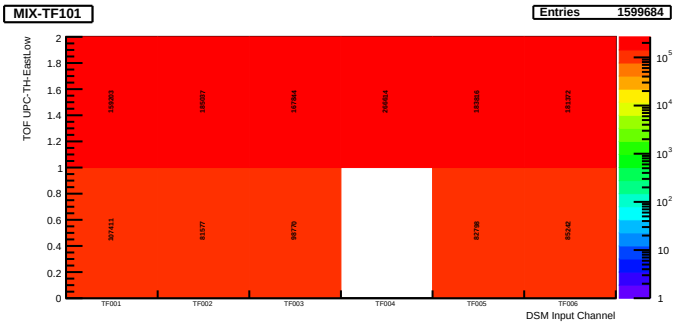

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

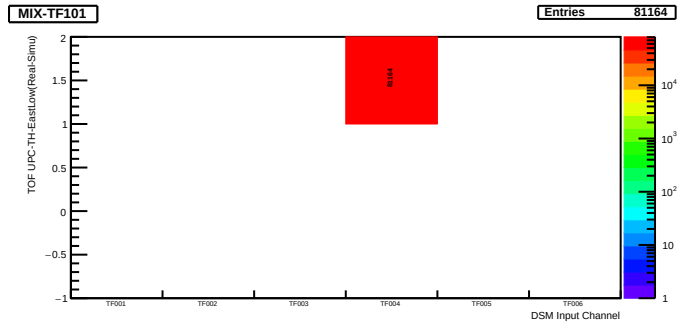

MIX-TF101
Entries 1599684
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

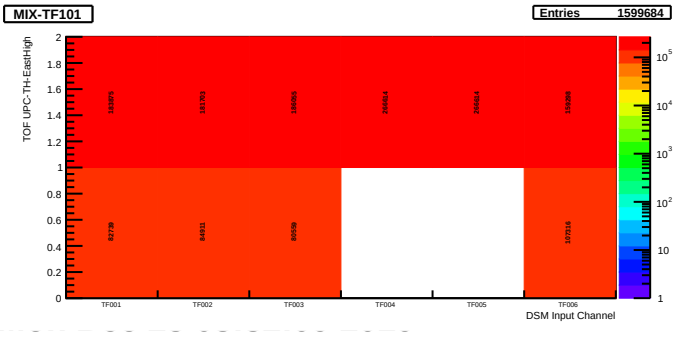

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

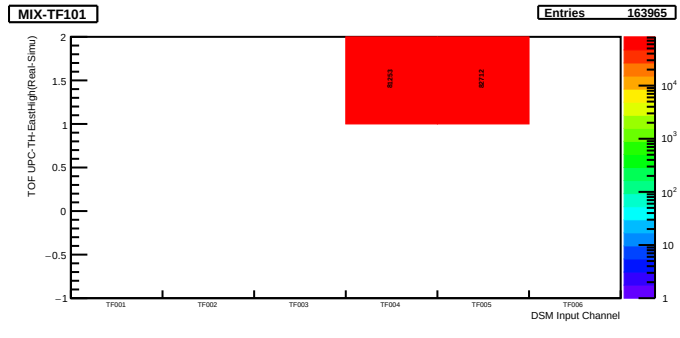

MIX-TF101
Entries 1599684
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

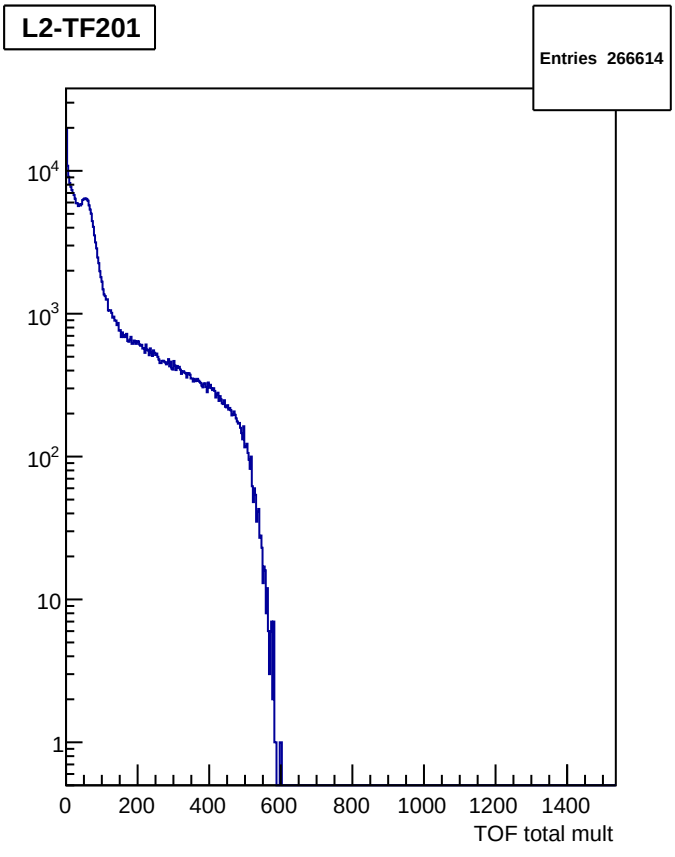

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

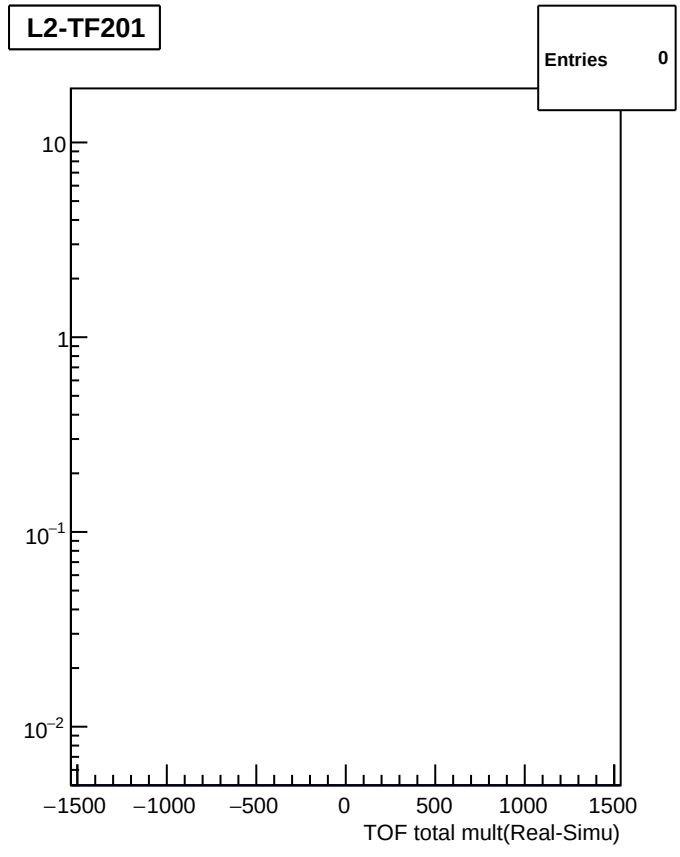

MIX-TF101
Entries 1599684
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

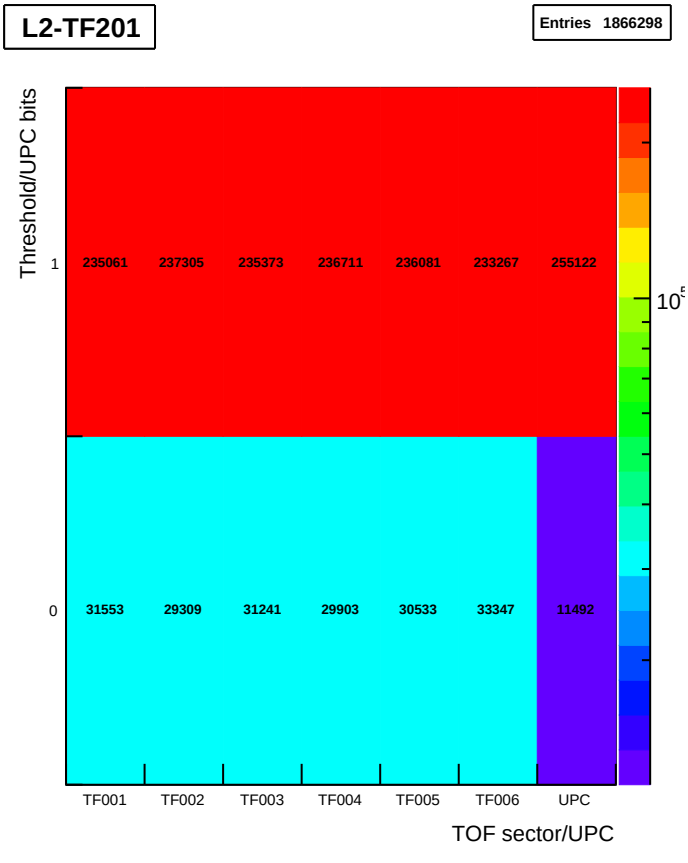

MIX-TF101
Entries 81164
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

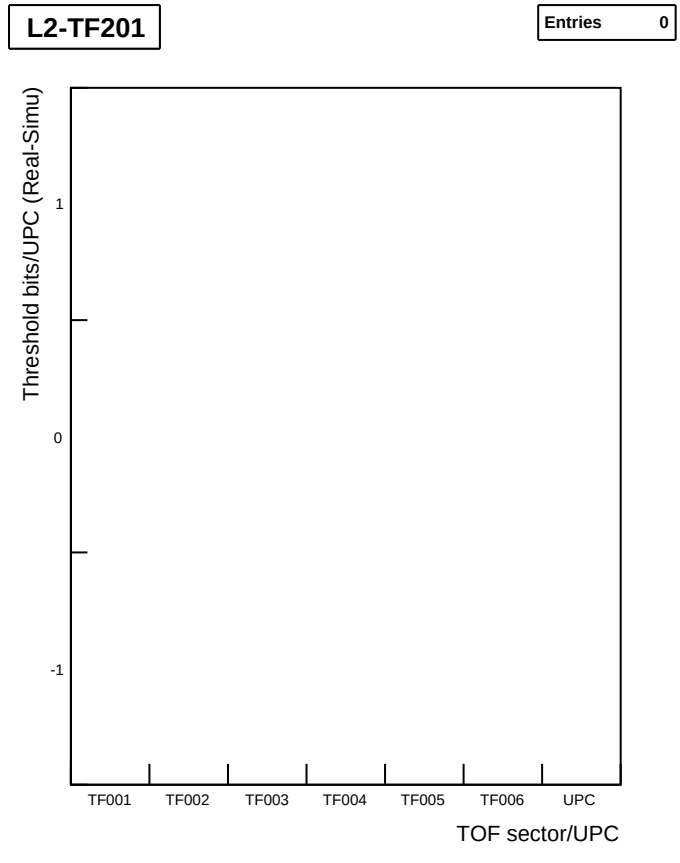

MIX-TF101
Entries 1599684
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

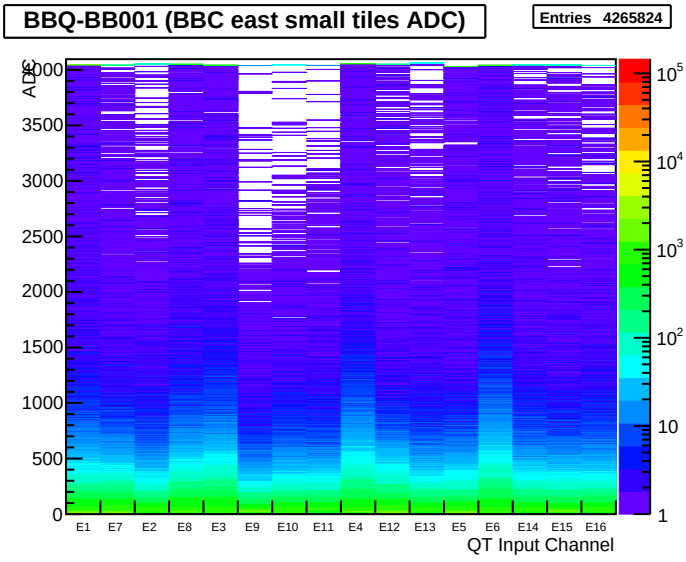

MIX-TF101
Entries 163965
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

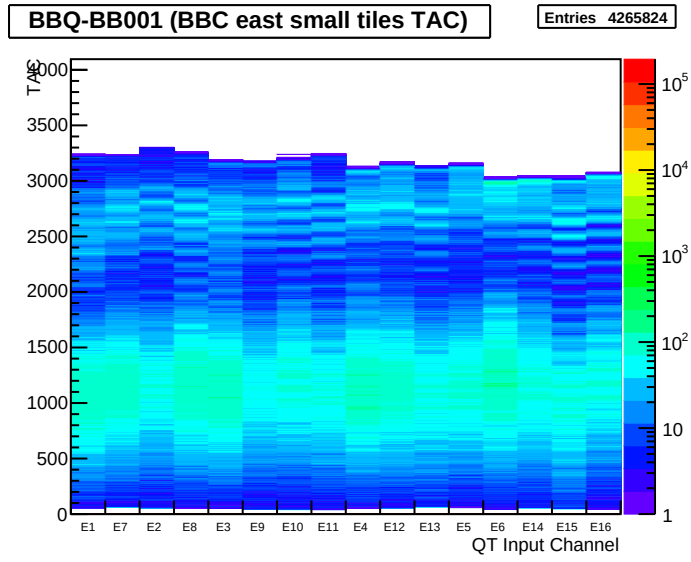

L2-TF201
Entries 266614
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

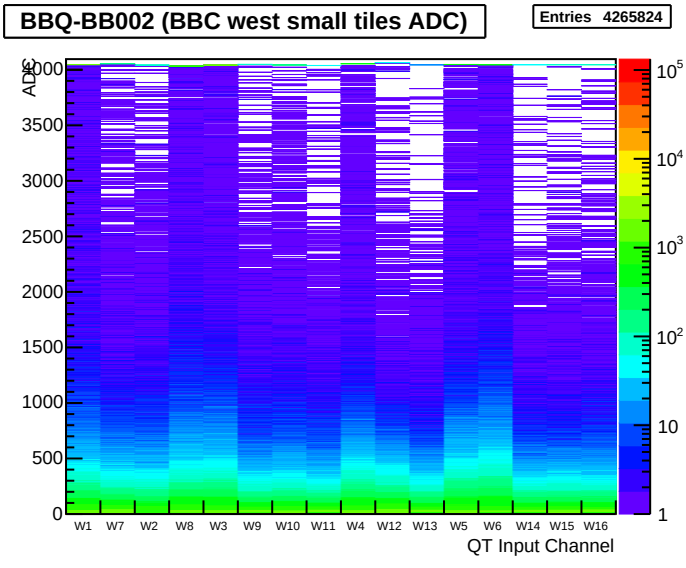

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

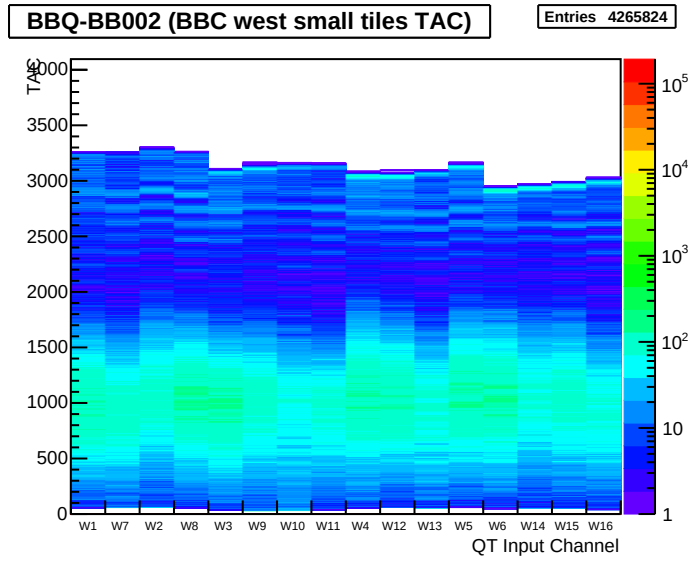

L2-TF201
Entries 1866298
Threshold/UPC bits
1
0
235061
237305
235373
236711
236081
233267
255122
31553
29309
31241
29903
30533
33347
11492
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

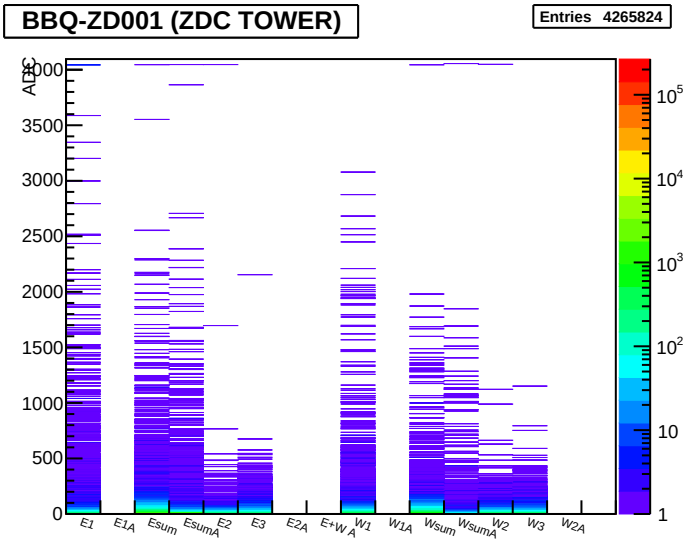

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

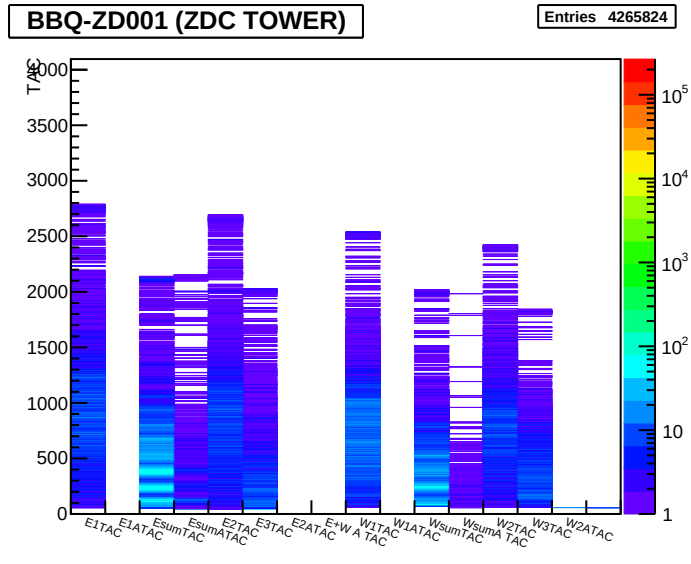

BBQ-BB001 (BBC east small tiles ADC)
Entries 4265824
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

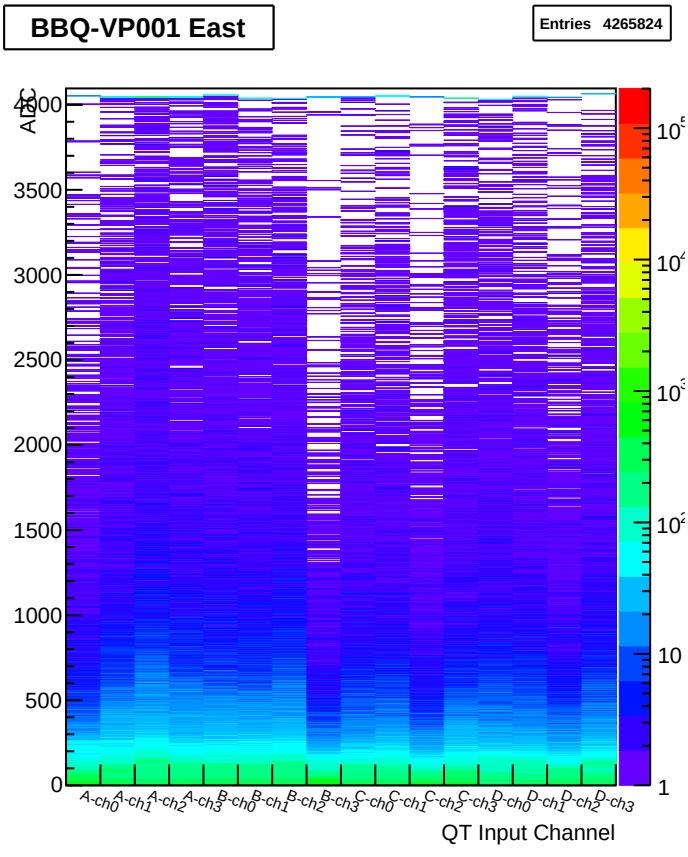

BBQ-BB001 (BBC east small tiles TAC)
Entries 4265824
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

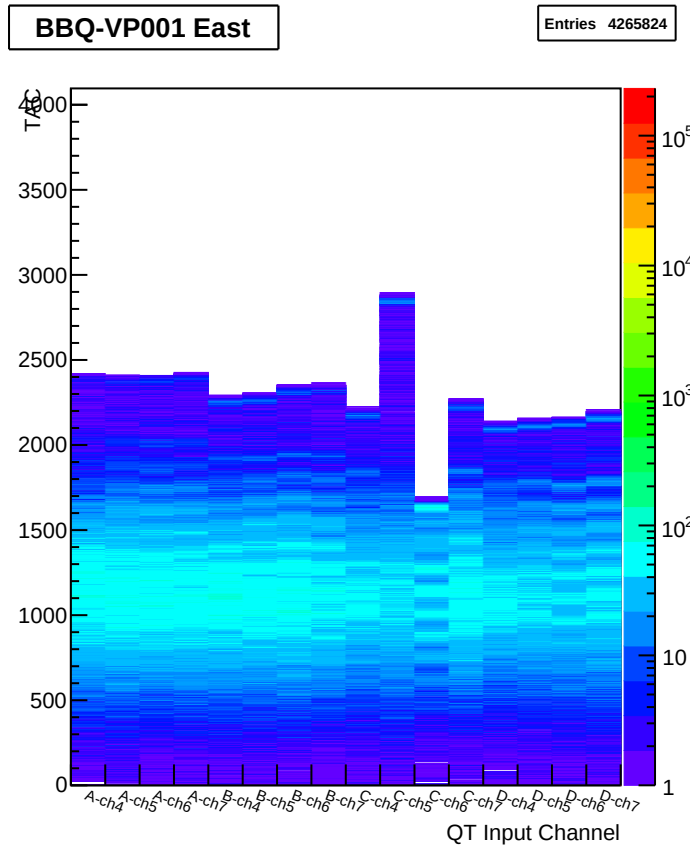

BBQ-BB002 (BBC west small tiles ADC)
Entries 4265824
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

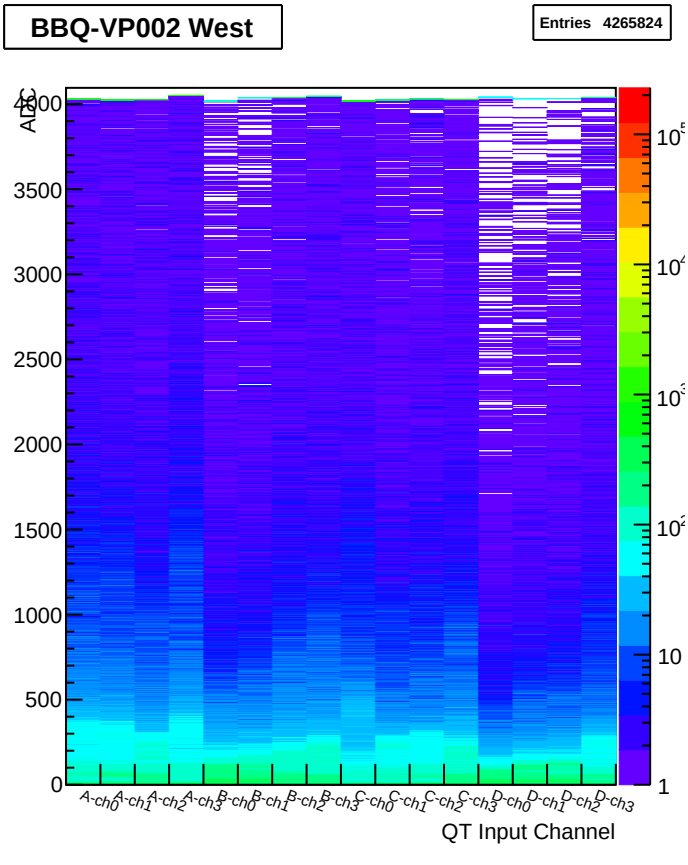

BBQ-BB002 (BBC west small tiles TAC)
Entries 4265824
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

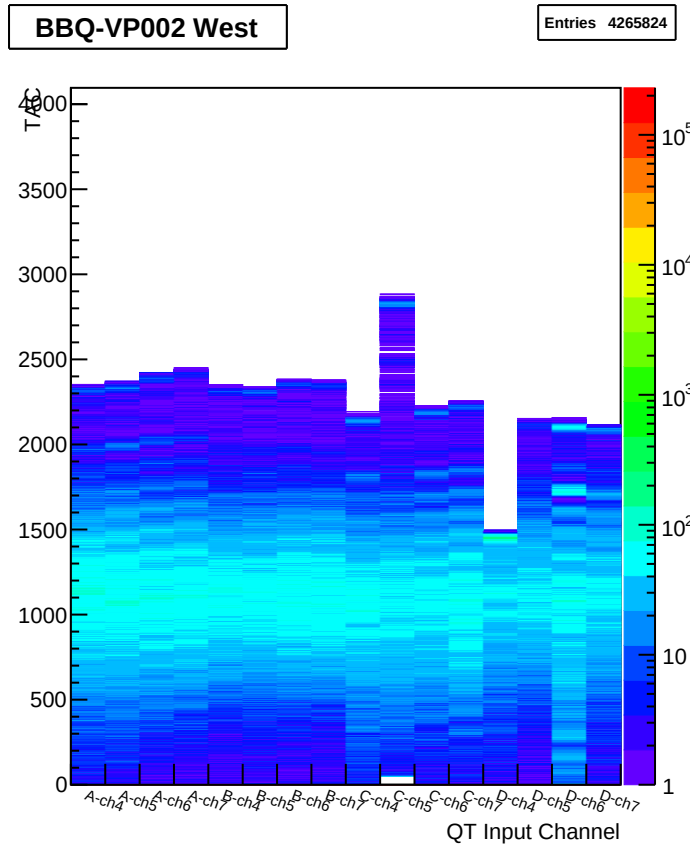

BBQ-ZD001 (ZDC TOWER)
Entries 4265824
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

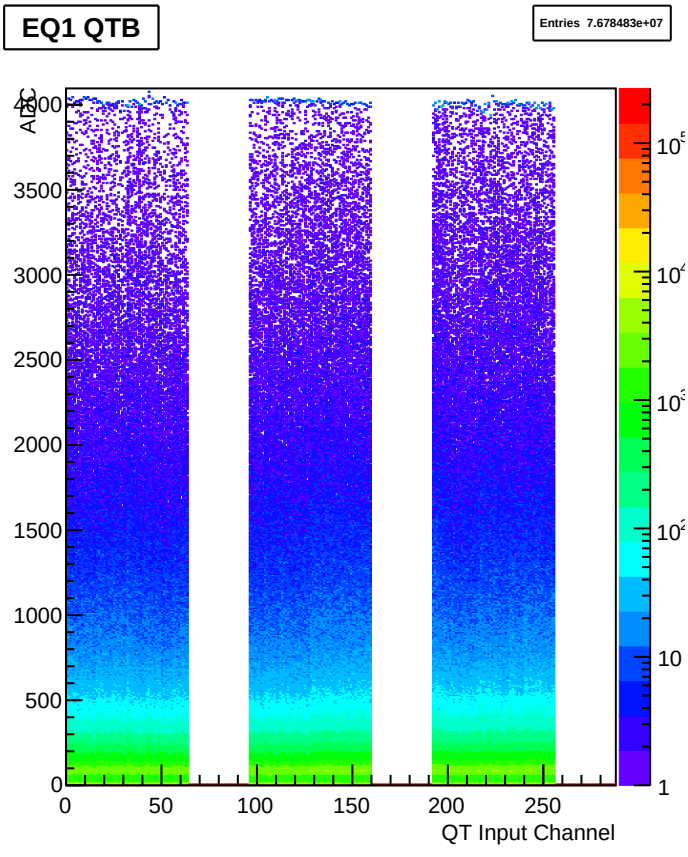

BBQ-ZD001 (ZDC TOWER)
Entries 4265824
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

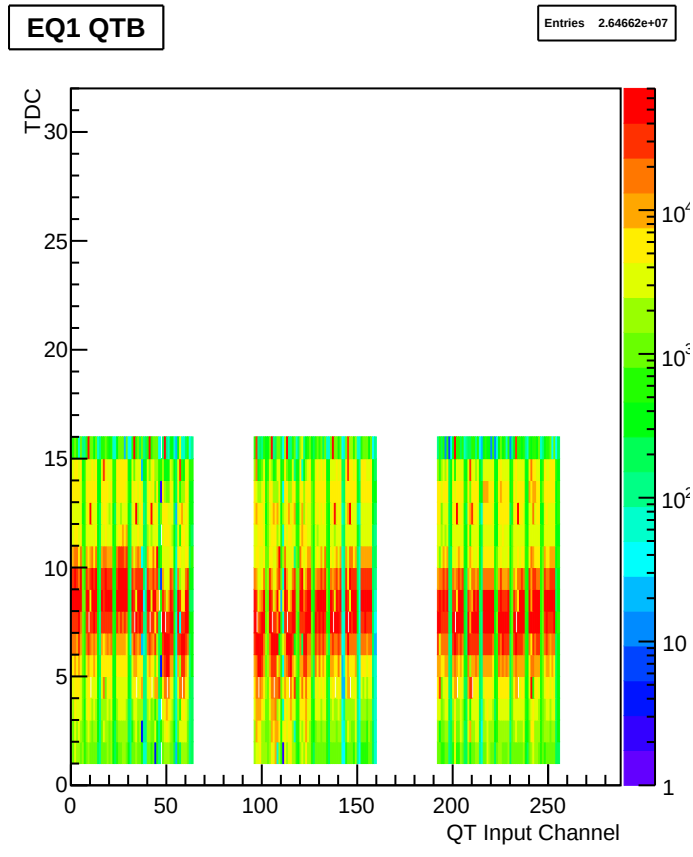

BBQ-VP001 East
Entries 4265824
ADC
QT Input Channel

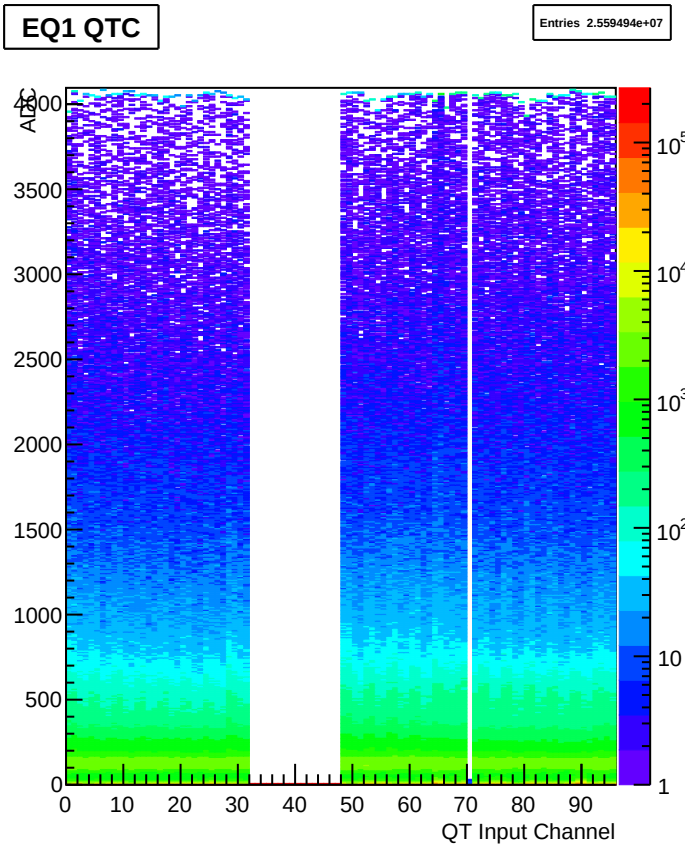

BBQ-VP001 East
Entries 4265824
TADC
QT Input Channel

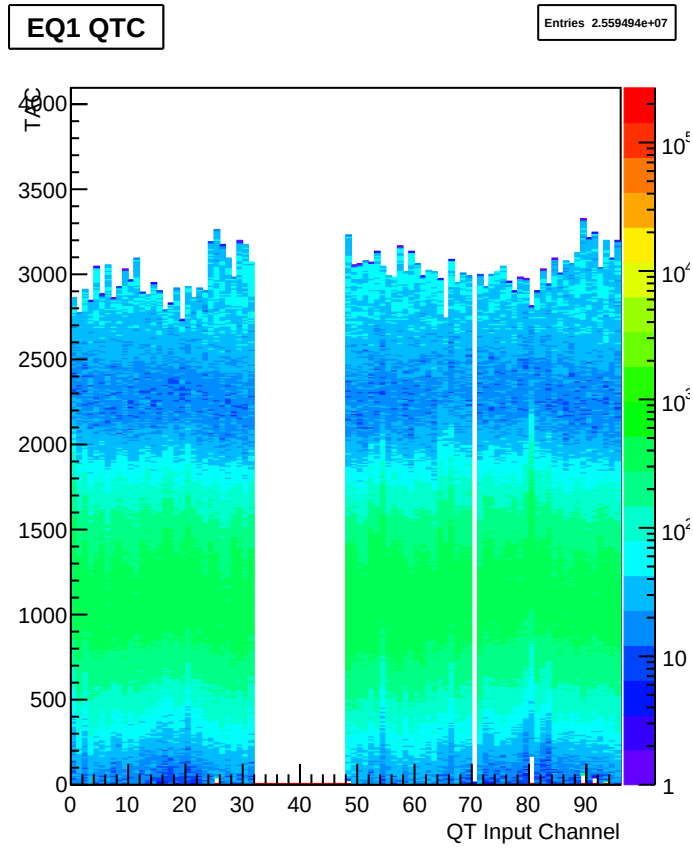

BBQ-VP002 West
Entries 4265824
ADC
QT Input Channel

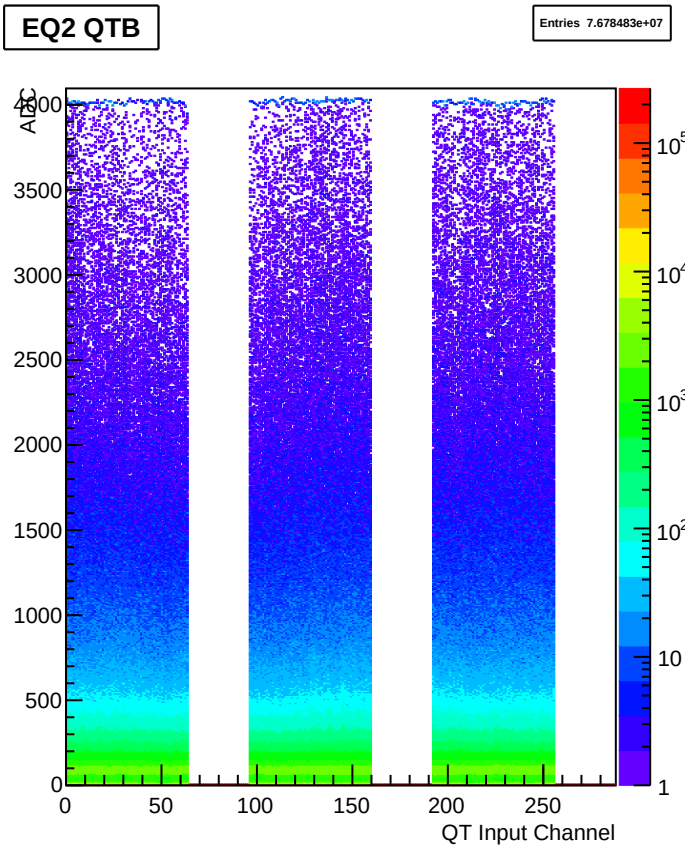

BBQ-VP002 West
Entries 4265824
TADC
QT Input Channel

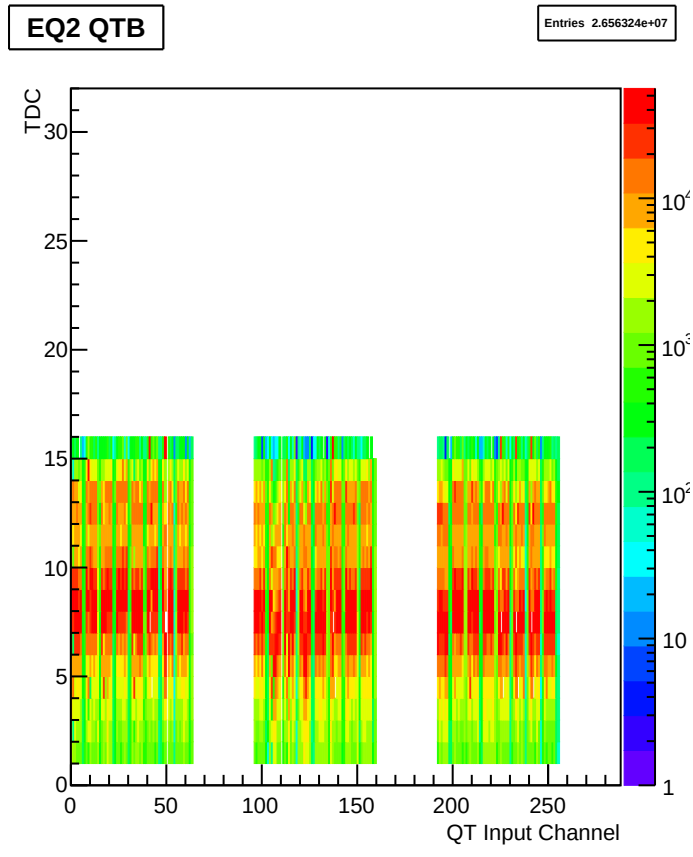

EQ1 QTB
Entries 7.678483e+07
ADC
QT Input Channel

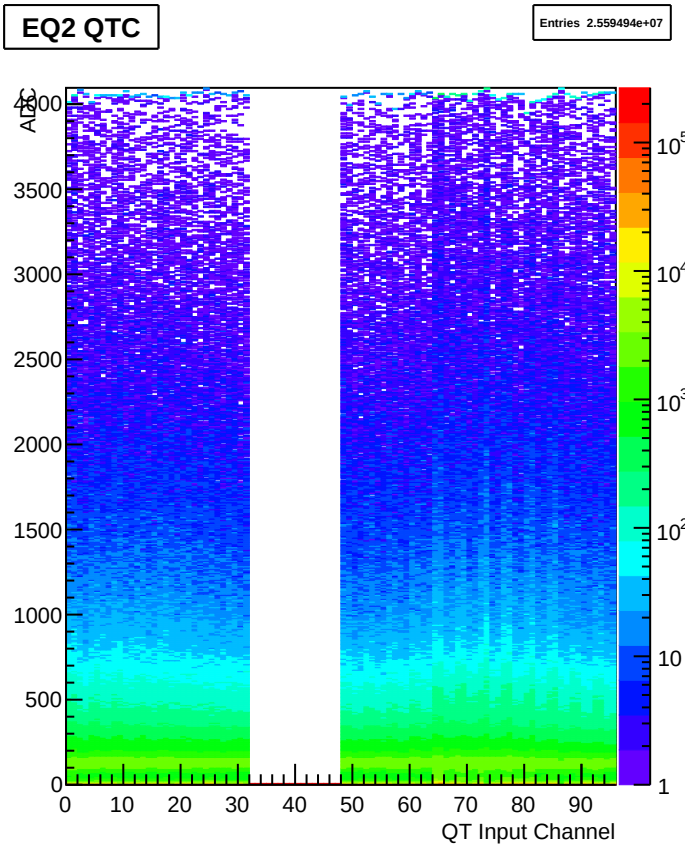

EQ1 QTB
Entries 2.64662e+07
TDC
QT Input Channel

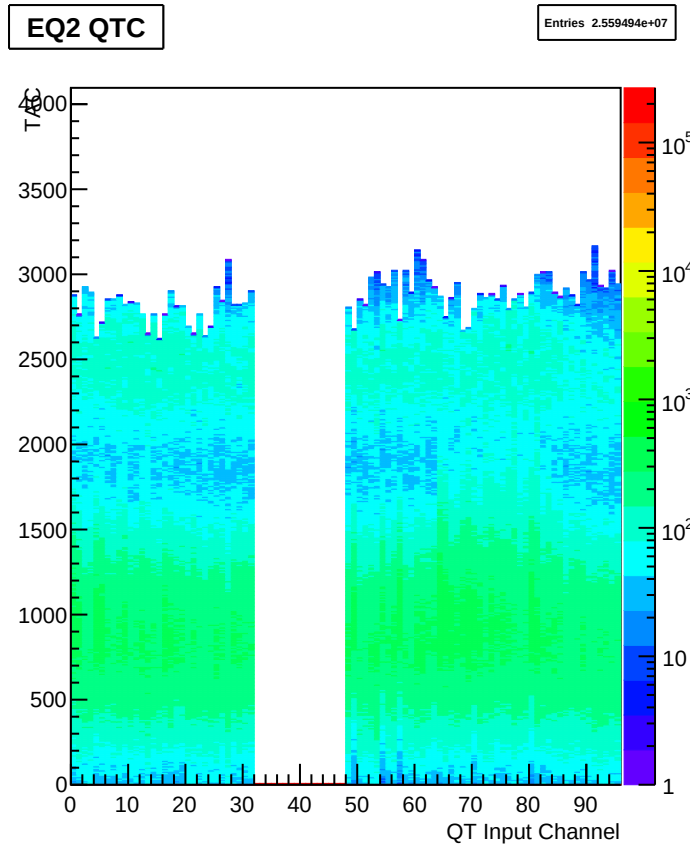

EQ1 QTC
Entries 2.559494e+07
ADC
QT Input Channel

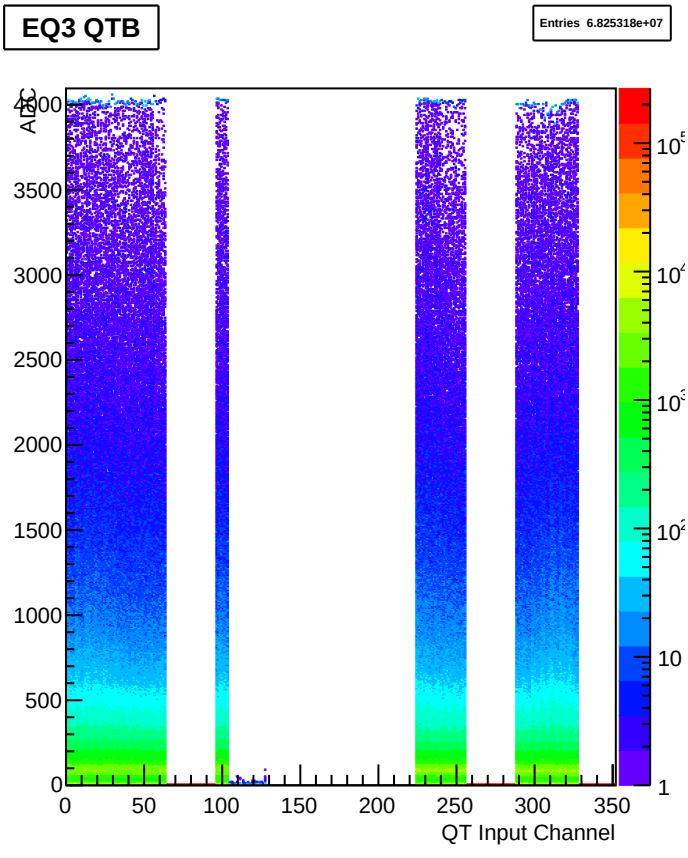

EQ1 QTC
Entries 2.559494e+07
TADC
QT Input Channel

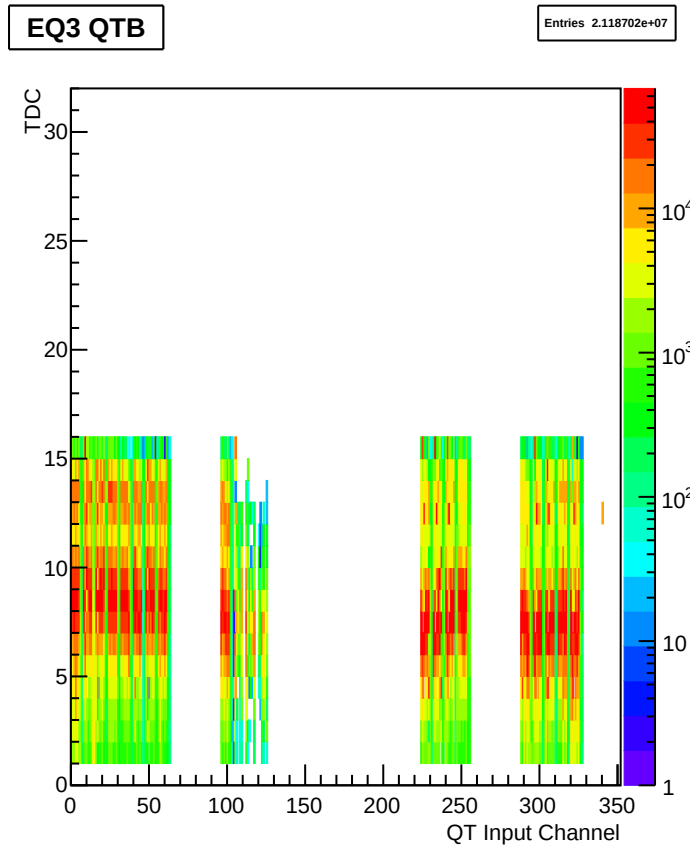

EQ2 QTB
Entries 7.678483e+07
ADC
QT Input Channel

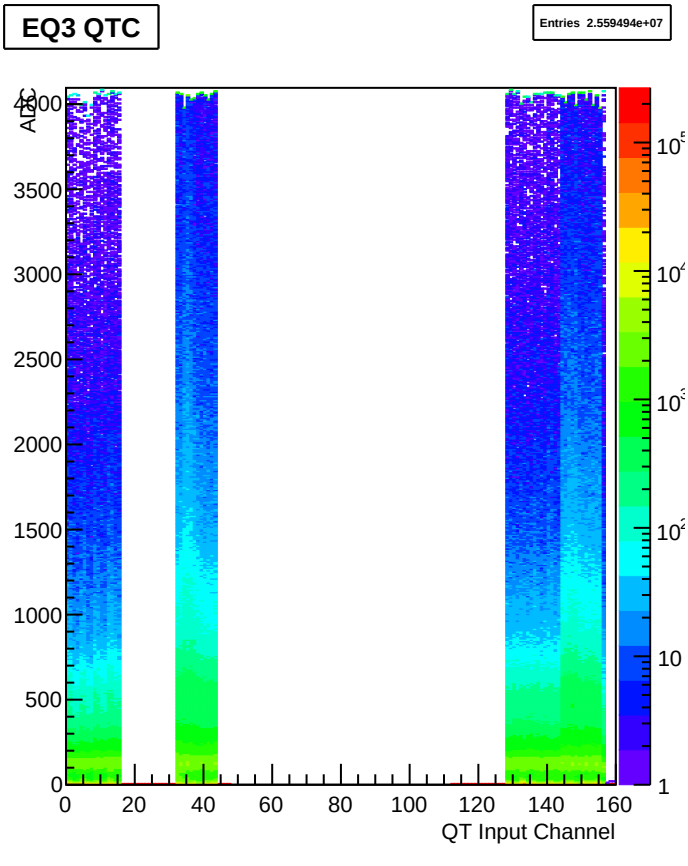

EQ2 QTB
Entries 2.656324e+07
TDC
QT Input Channel

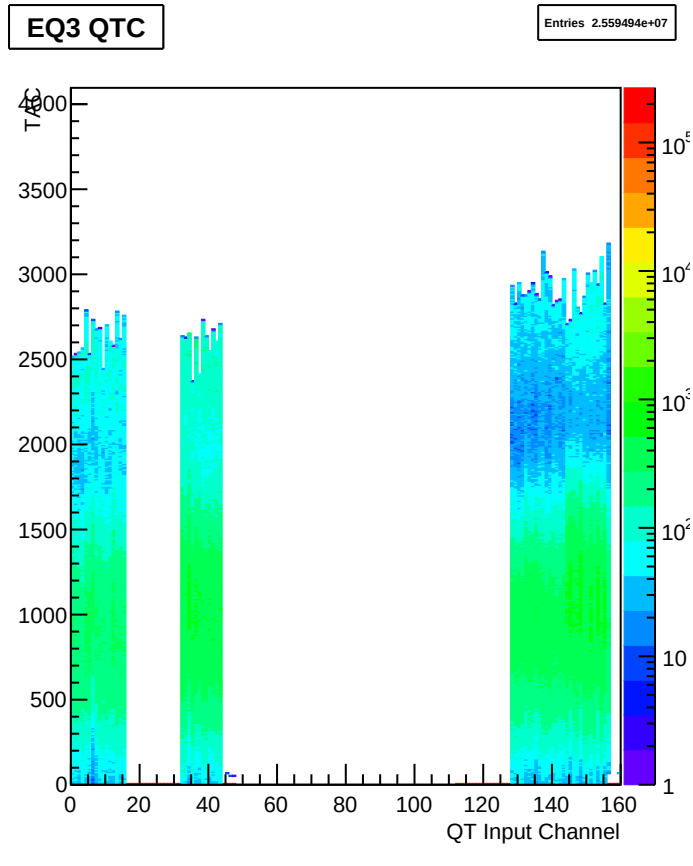

EQ2 QTC
Entries 2.559494e+07
ADC
QT Input Channel

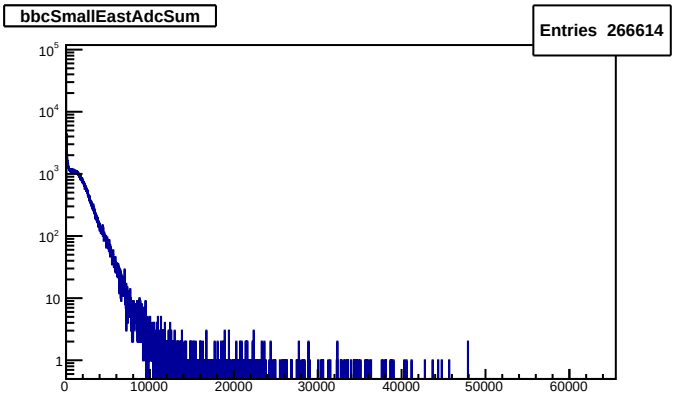

EQ2 QTC
Entries 2.559494e+07
TADC
QT Input Channel

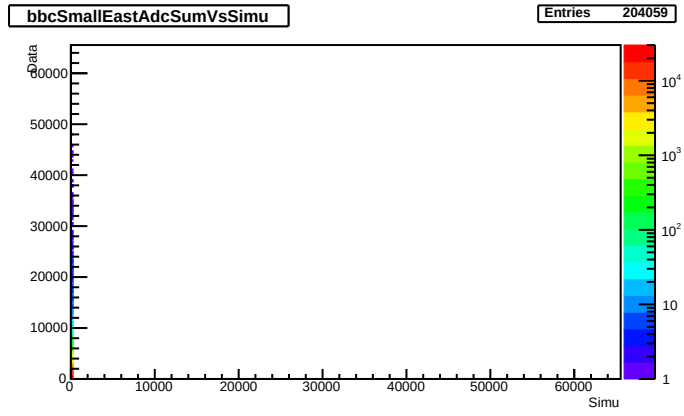

EQ3 QTB
Entries 6.825318e+07
ADC
QT Input Channel

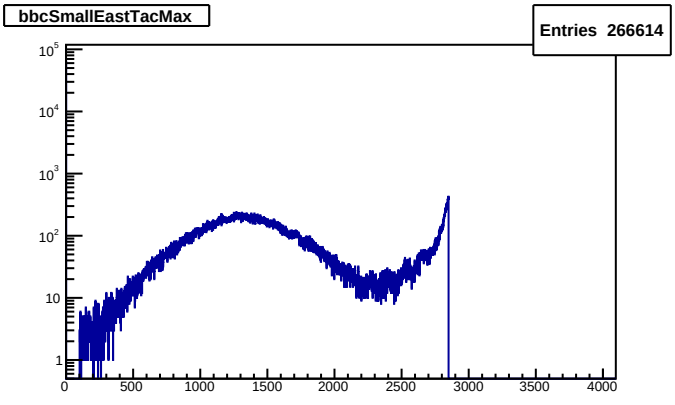

EQ3 QTB
Entries 2.118702e+07
TDC
QT Input Channel

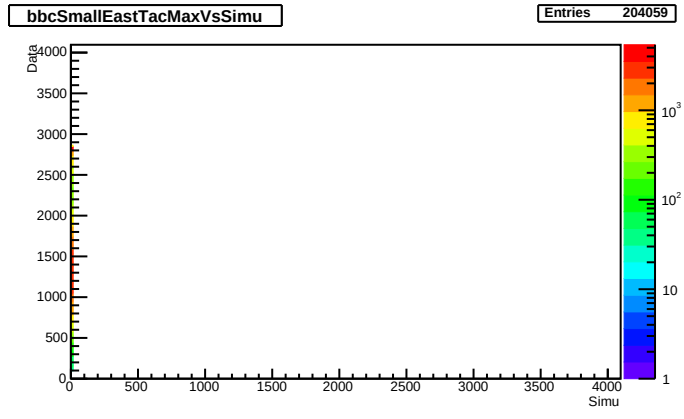

EQ3 QTC
Entries 2.559494e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.559494e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 266614


bbcSmallEastAdcSumVsSimu
Entries 204059
Data
Simu


bbcSmallEastTacMax
Entries 266614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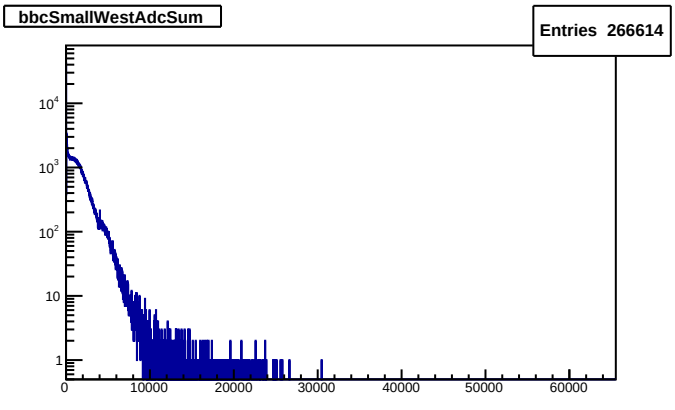
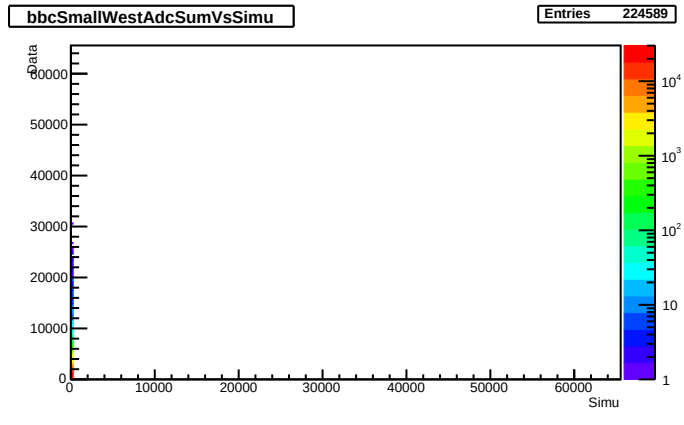
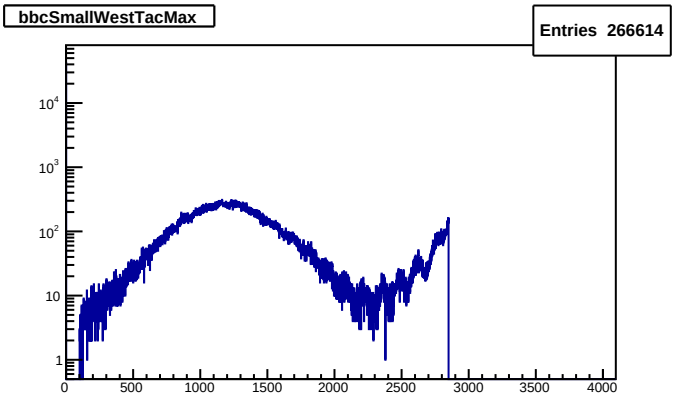
Entries 204059
Data
Simu


bbcSmallWestAdcSum
Entries 266614


bbcSmallWestAdcSumVsSimu
Entries 224589
Data
Simu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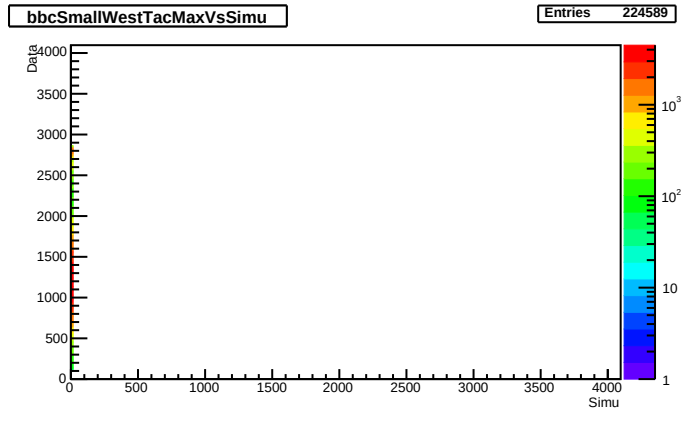
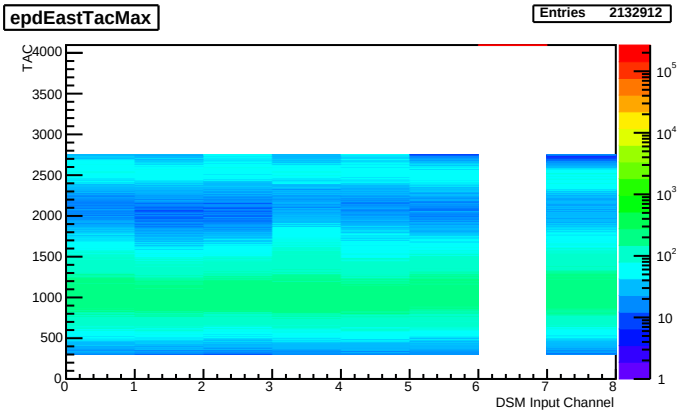
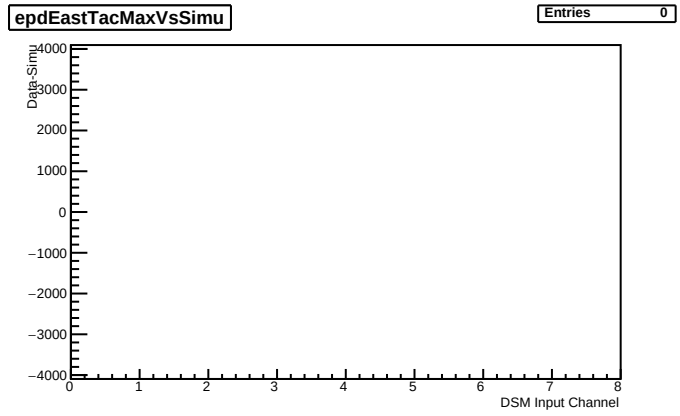
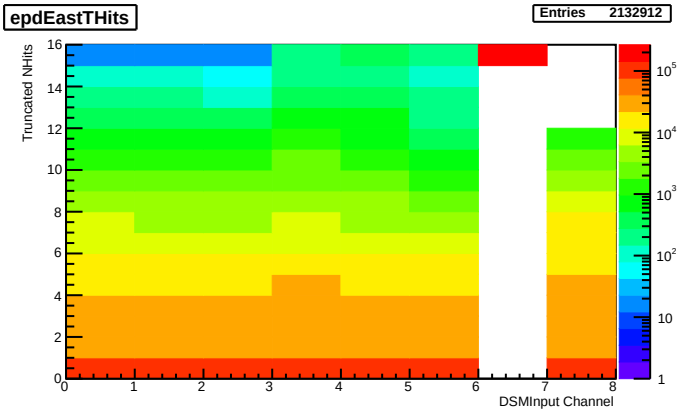
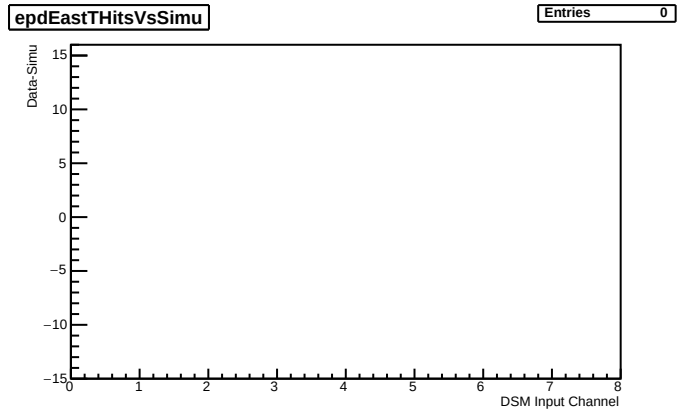
Entries 266614


bbcSmallWestTacMaxVsSimu
Entries 224589
Data
Simu


epdEastTacMax
Entries 2132912
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2132912
Truncated NHits
DSMInput Channel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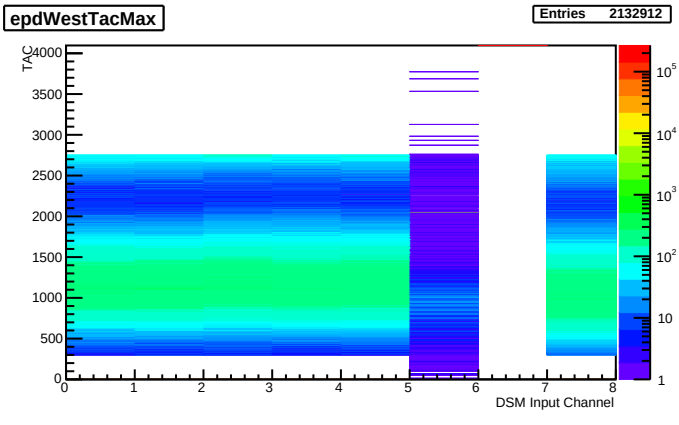
DSM Input Channel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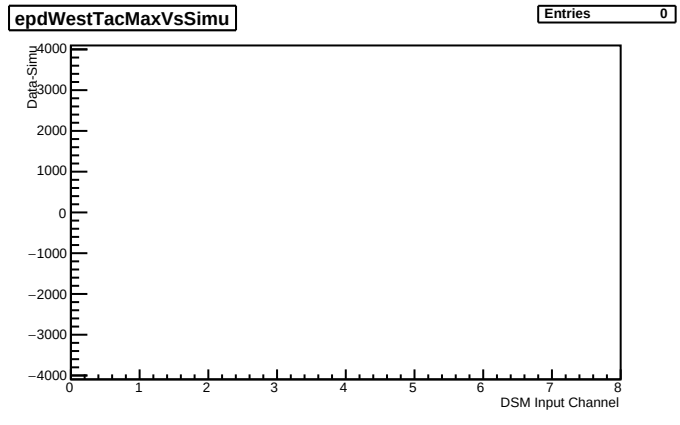
Entries 2132912
TAC
DSM Input Channel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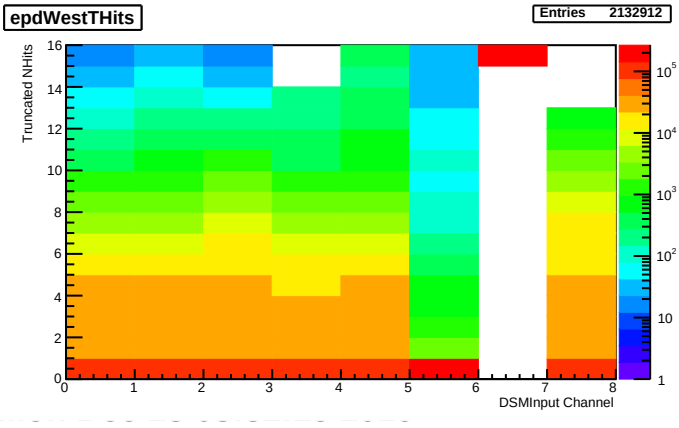
Entries 0
Data-Simu
DSM Input Channel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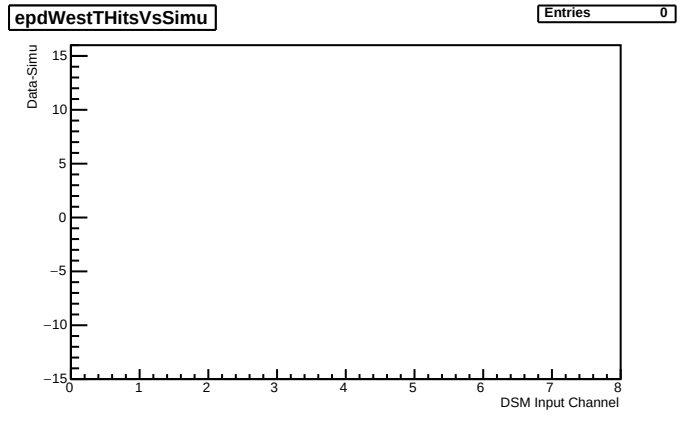
Entries 2132912
Truncated NHits
DSMInput Channel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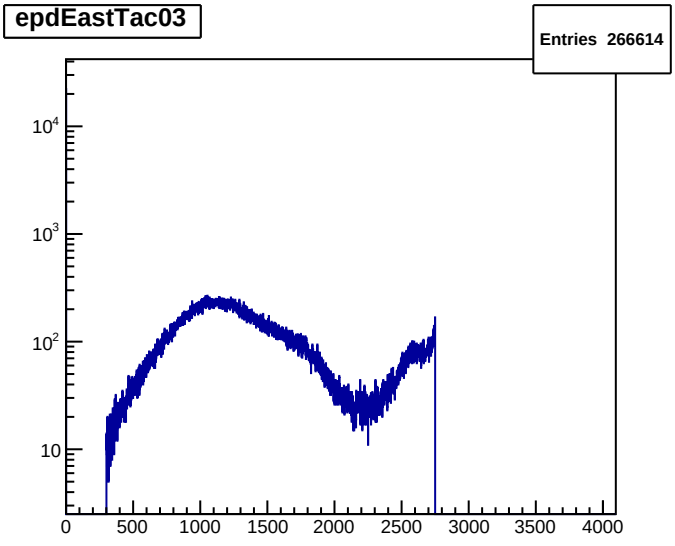
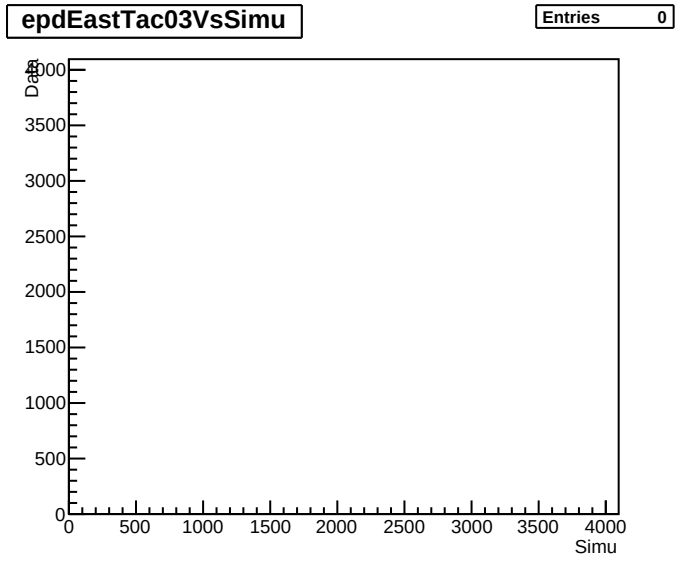
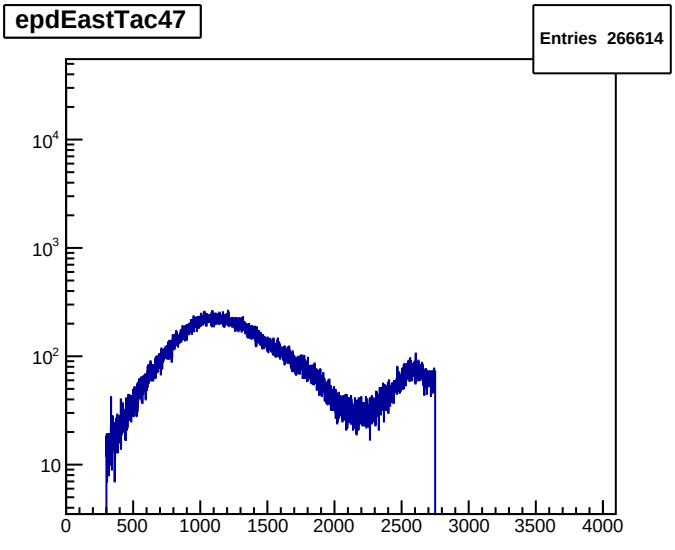
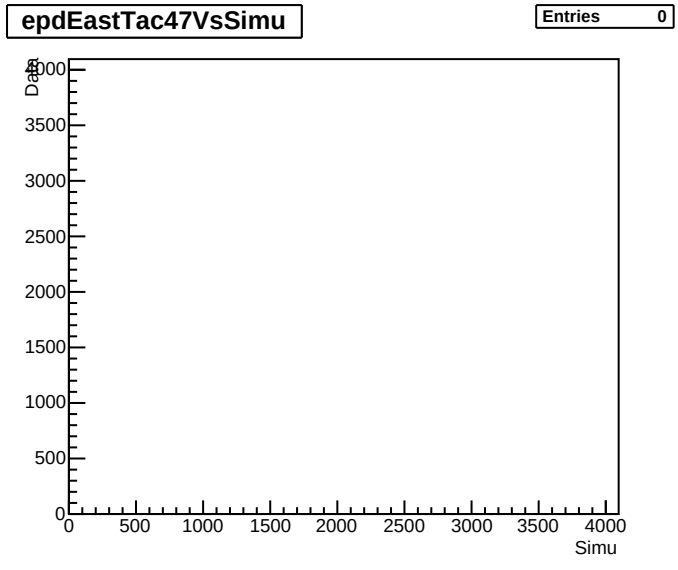
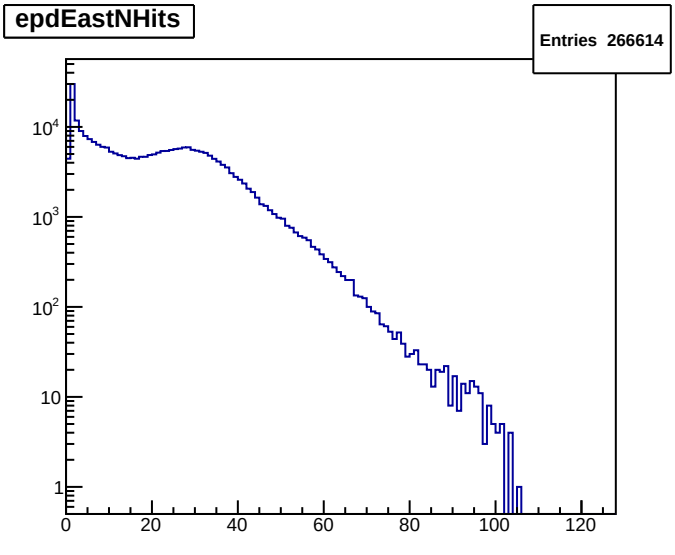
Entries 0
Data-Simu
DSM Input Channel

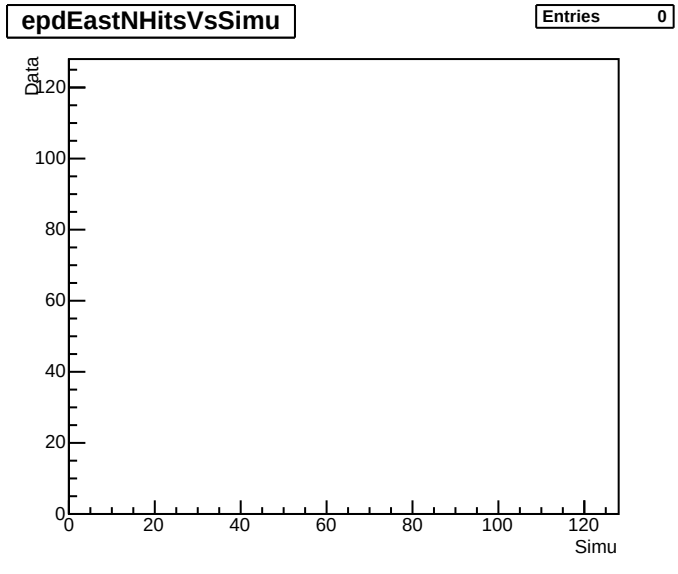

epdEastTac03
Entries 266614


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 266614


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 266614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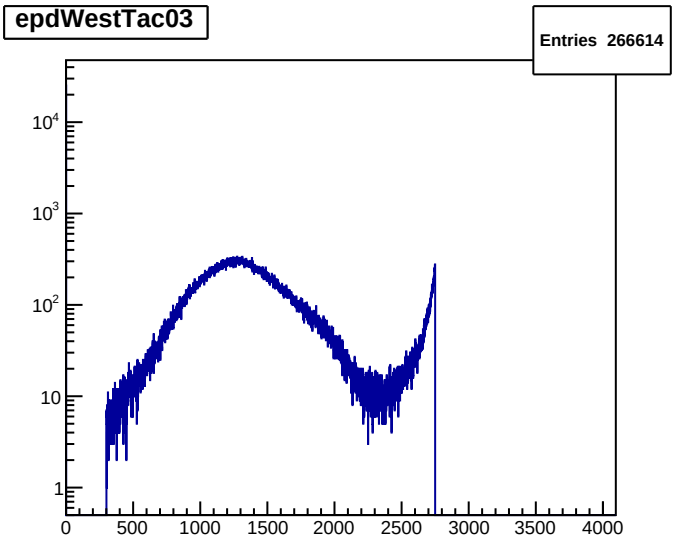
Entries 0
Data
Simu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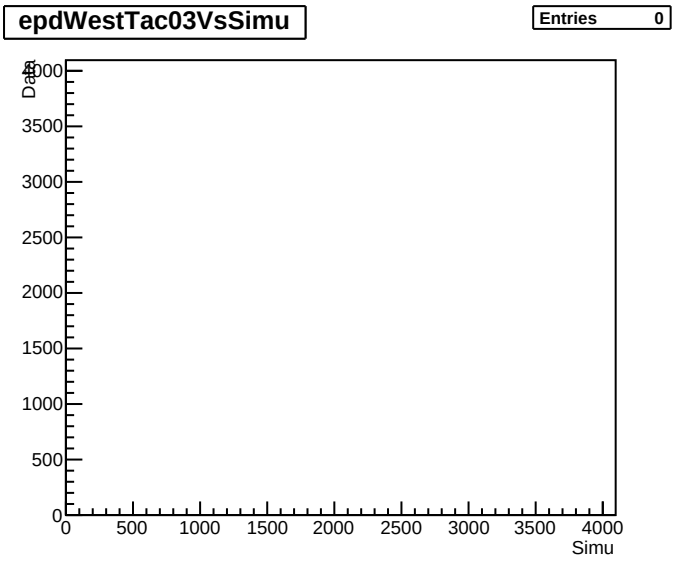
Entries 266614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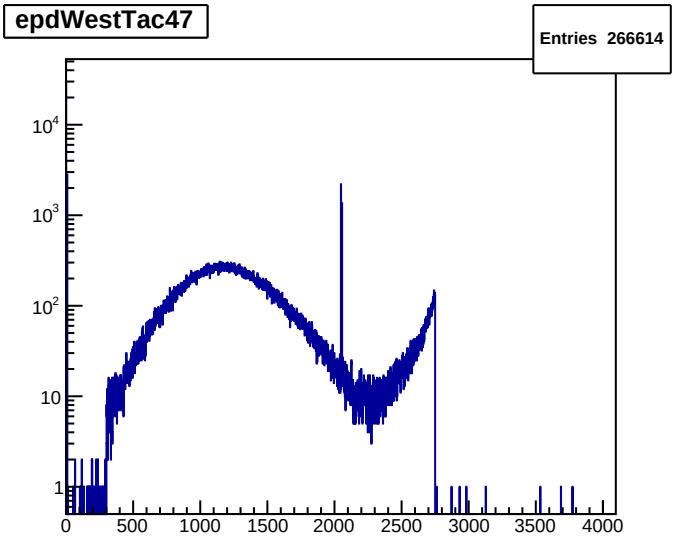
Entries 0
Data
Simu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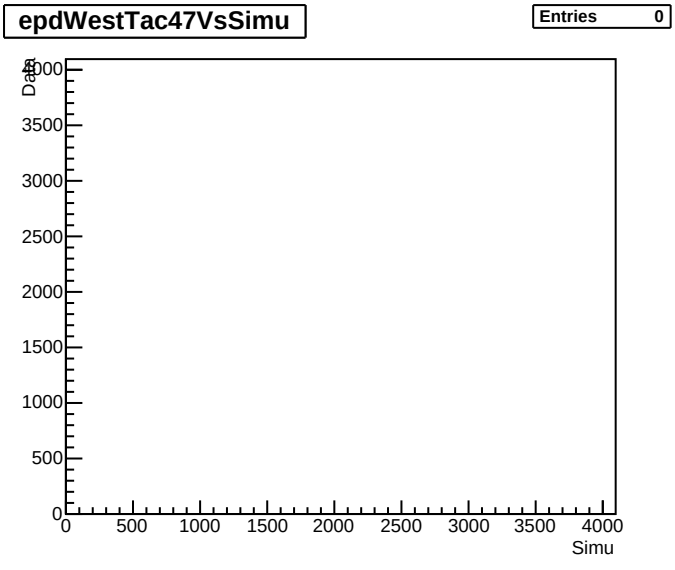
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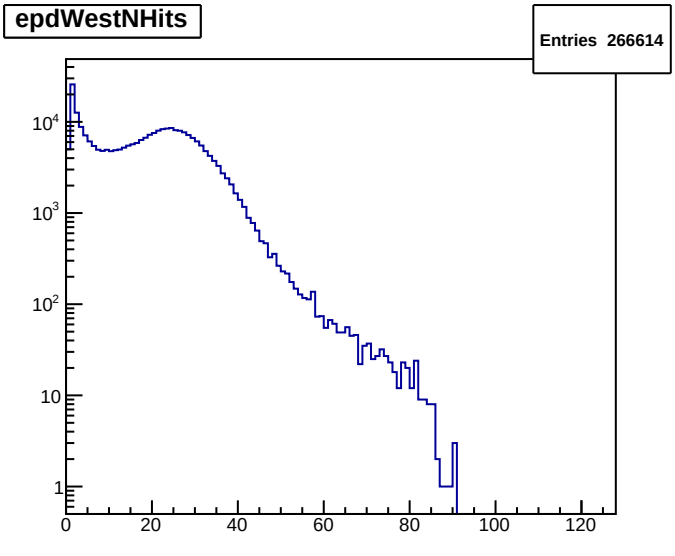
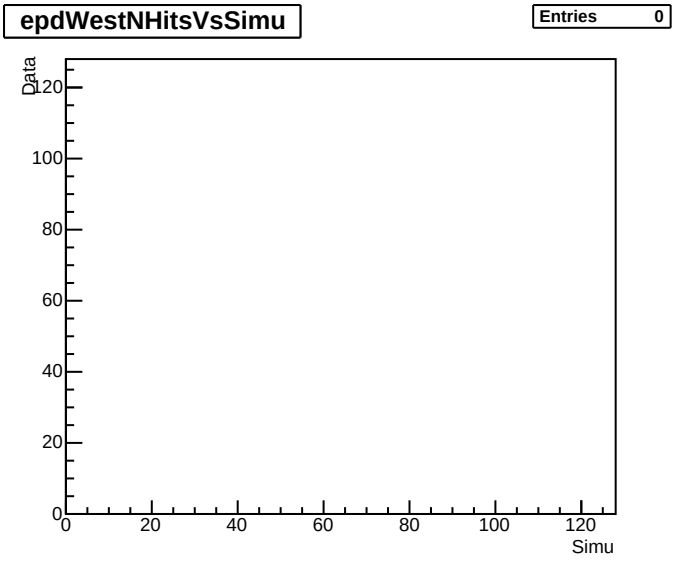
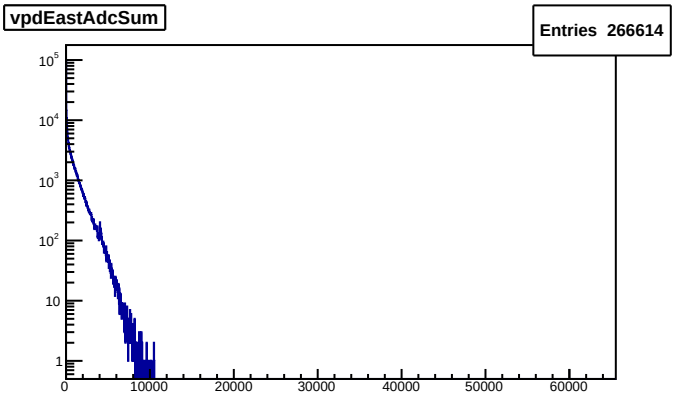
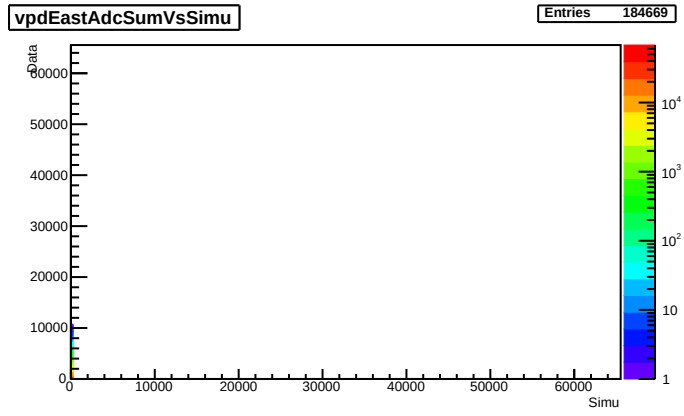
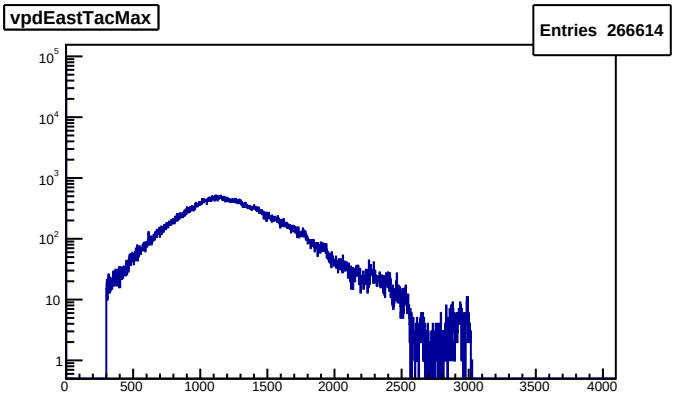
Entries 0
Data
Simu

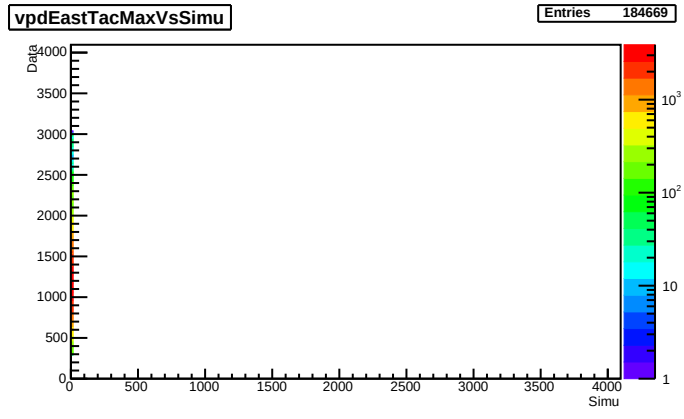

epdWestNHits
Entries 266614

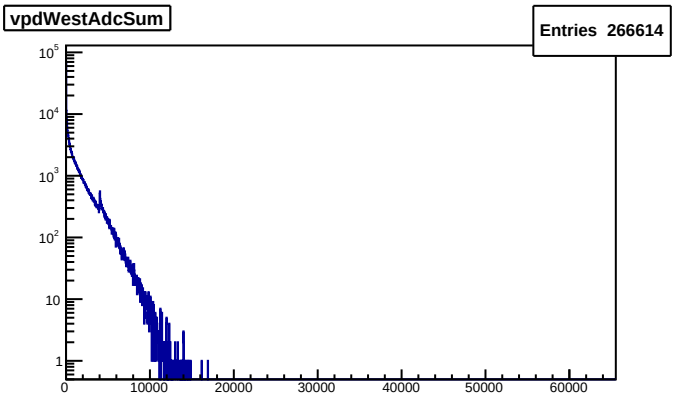

epdWestNHitsVsSimu
Entries 0
Data
Simu

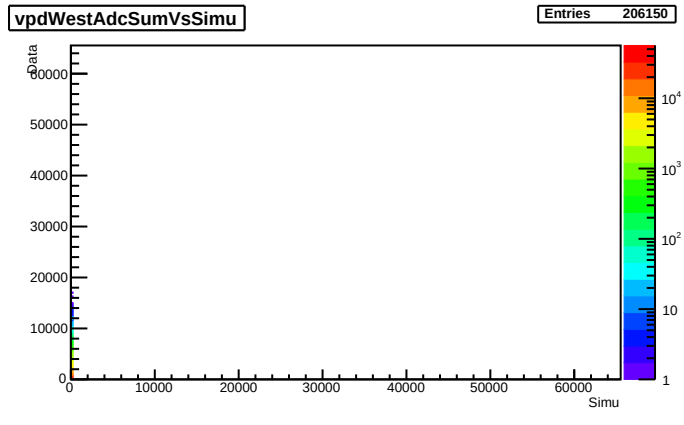

vpdEastAdcSum
Entries 266614


vpdEastAdcSumVsSimu
Entries 184669
Data
Simu


vpdEastTacMax
Entries 266614


vpdEastTacMaxVsSimu
Entries 184669
Data
Simu


vpdWestAdcSum
Entries 266614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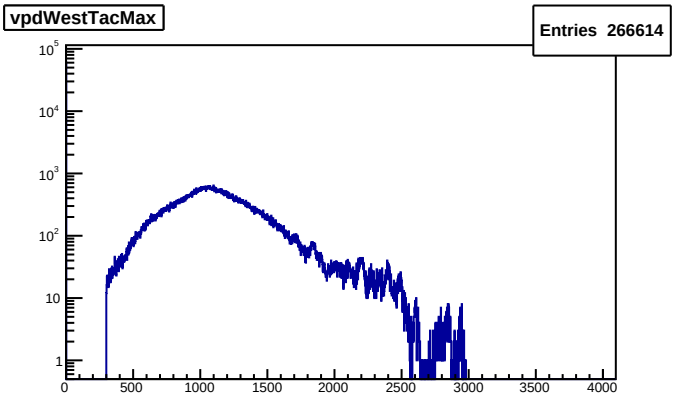
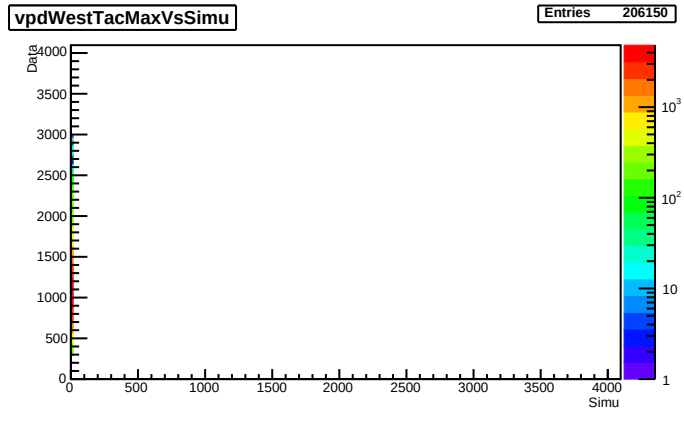
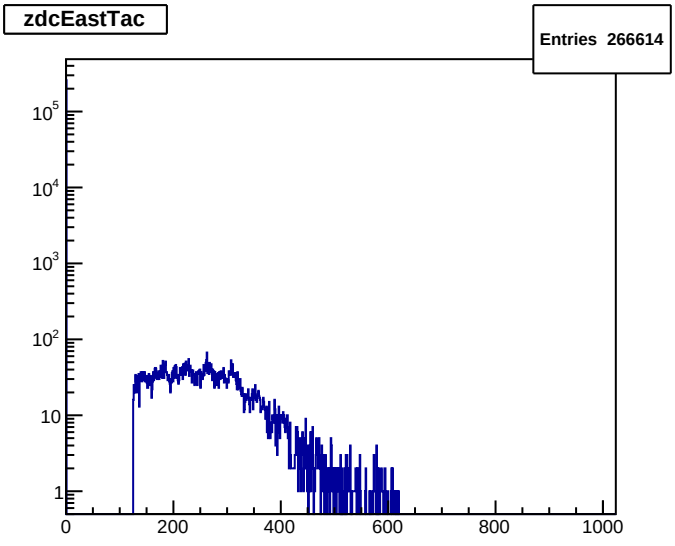
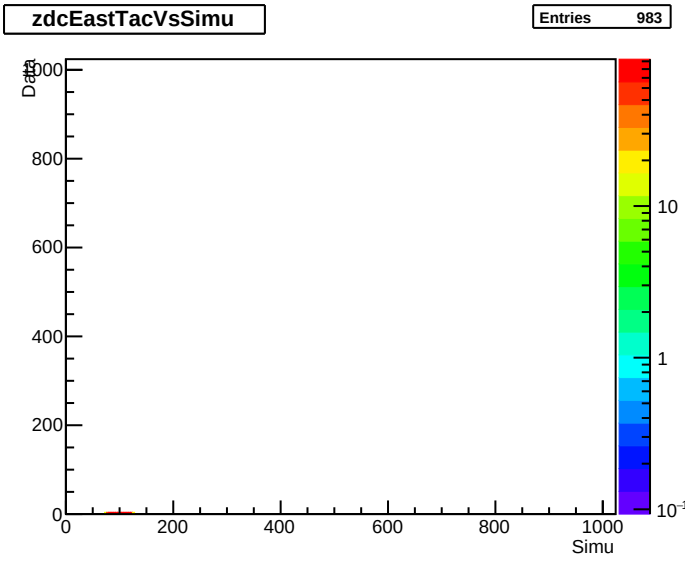
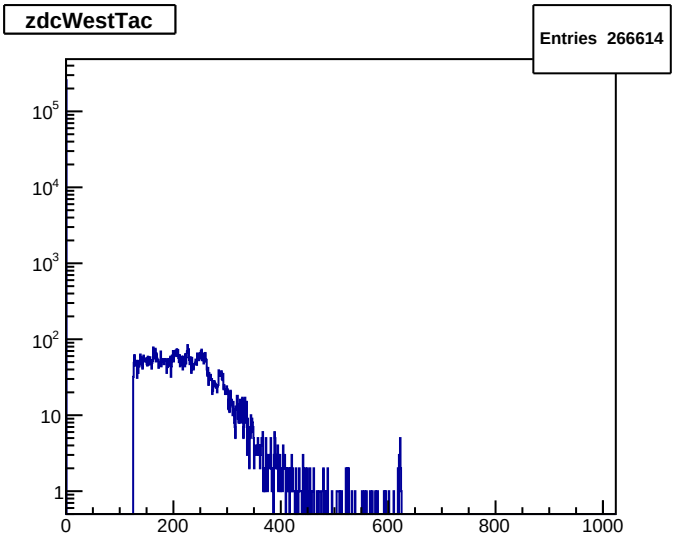
Entries 206150
Data
Simu

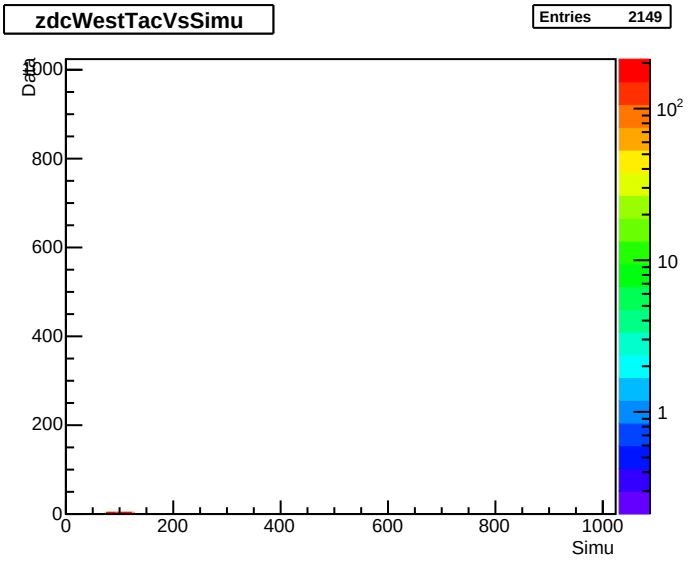

vpdWestTacMax
Entries 266614

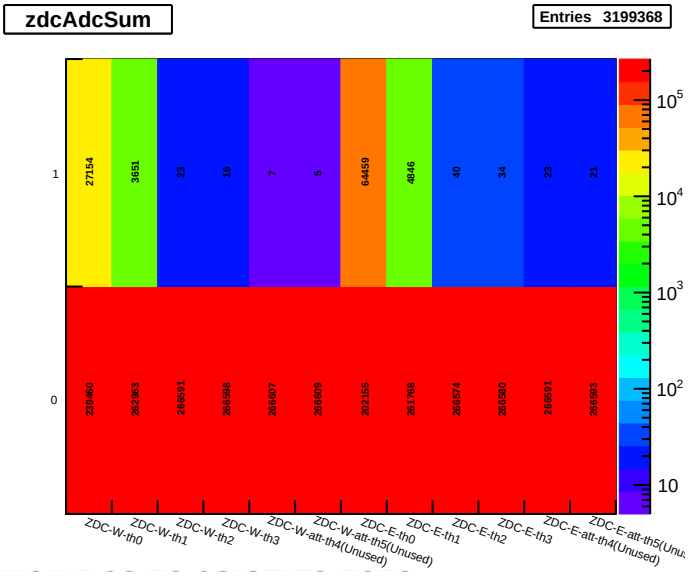

vpdWestTacMaxVsSimu
Entries 206150
Data
Simu

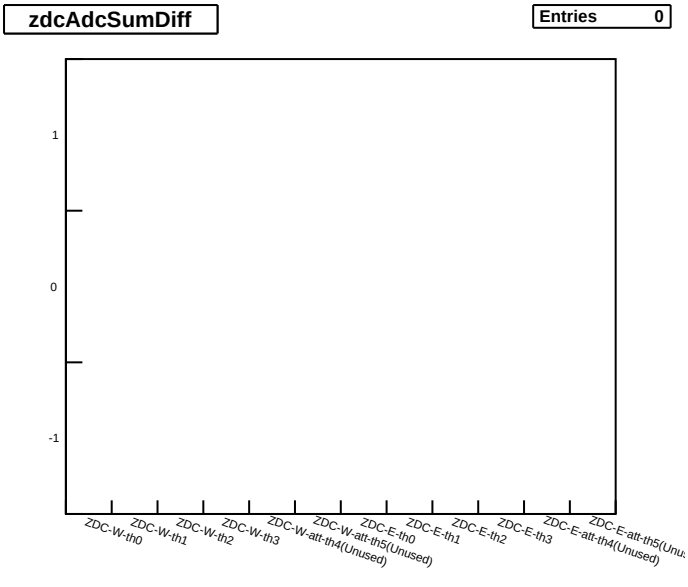

zdcEastTac
Entries 266614

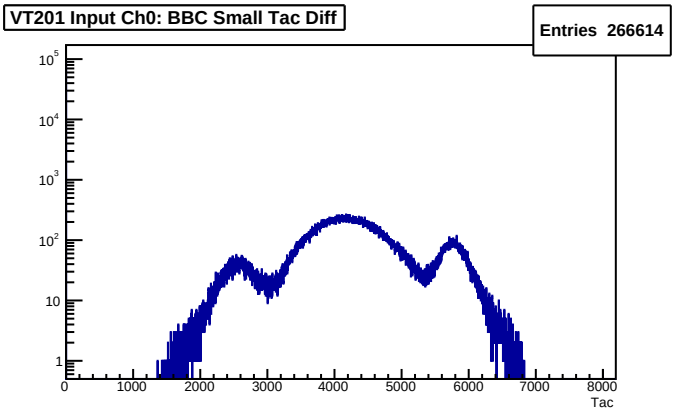

zdcEastTacVsSimu
Entries 983
Data
Simu

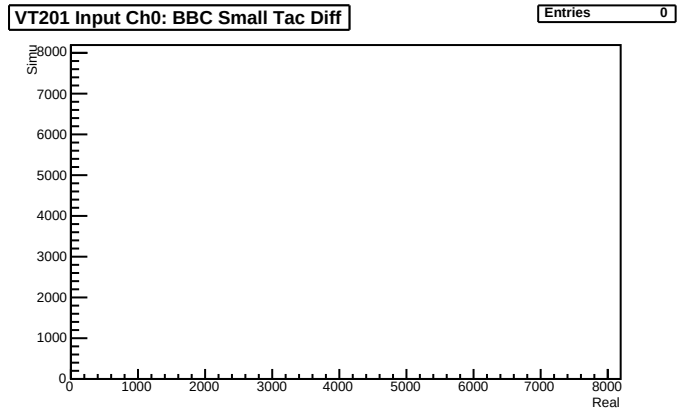

zdcWestTac
Entries 266614

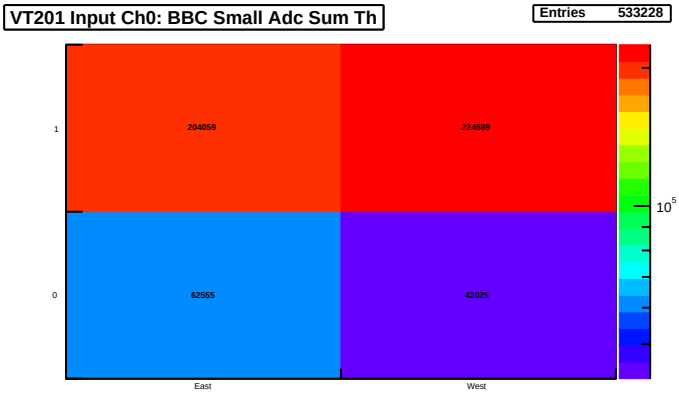

zdcWestTacVsSimu
Entries 2149
Data
Simu

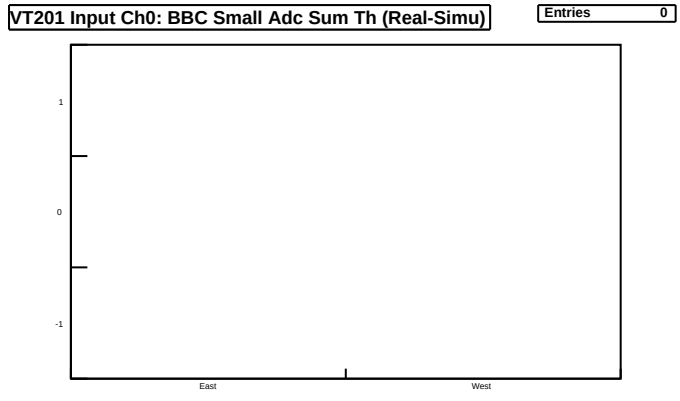

zdcAdcSum
Entries 3199368
27154
3651
23
16
7
5
64459
4846
40
34
23
21
239460
262963
266591
266598
266607
266609
202155
261766
266574
266580
266591
266593
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

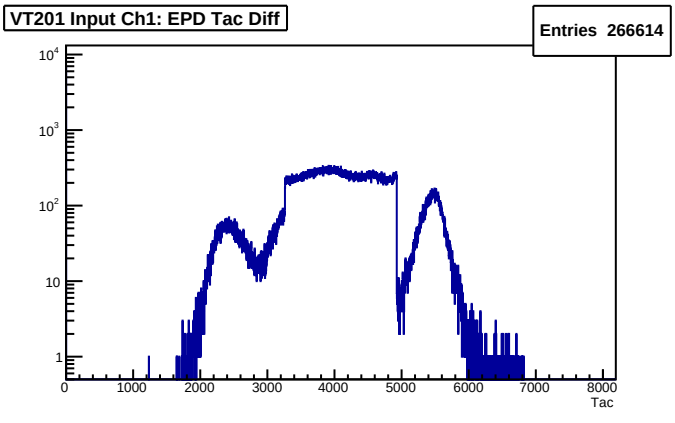

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

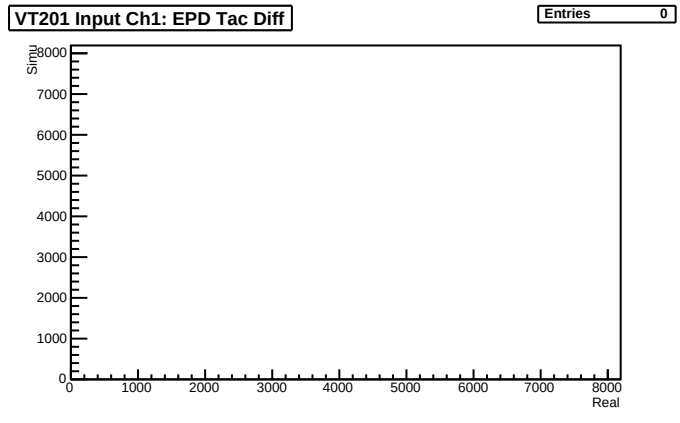

VT201 Input Ch0: BBC Small Tac Diff
Entries 266614
Tac

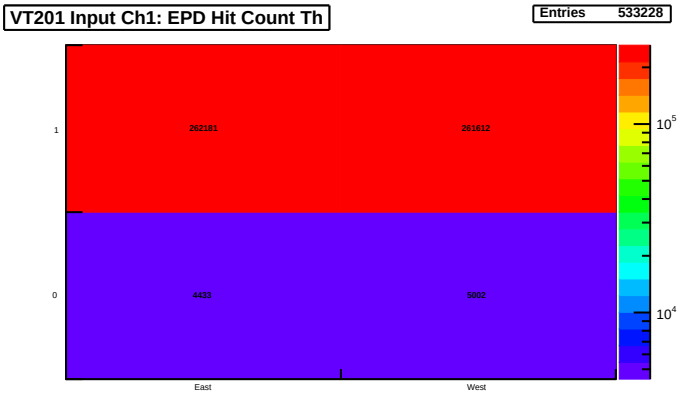

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

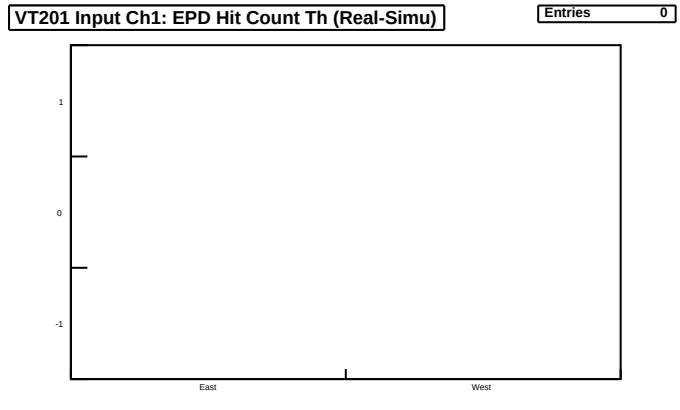

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 533228
204059
224589
62555
42025
East
West

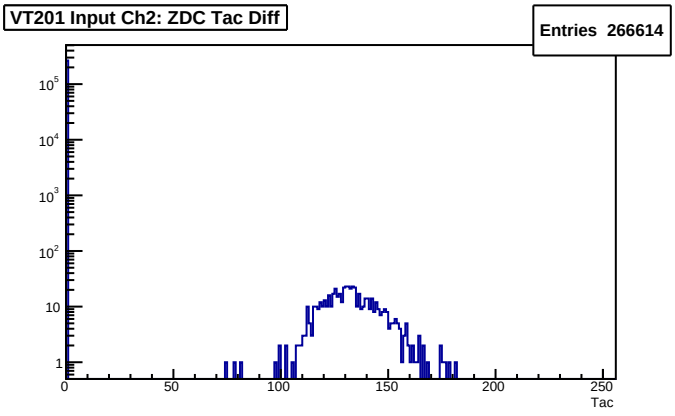

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

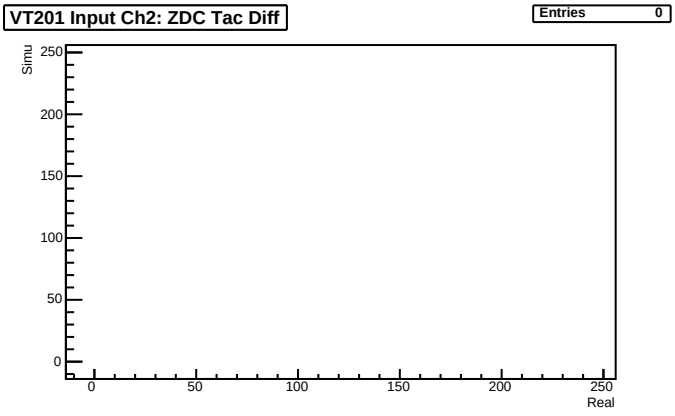

VT201 Input Ch1: EPD Tac Diff
Entries 266614
Tac

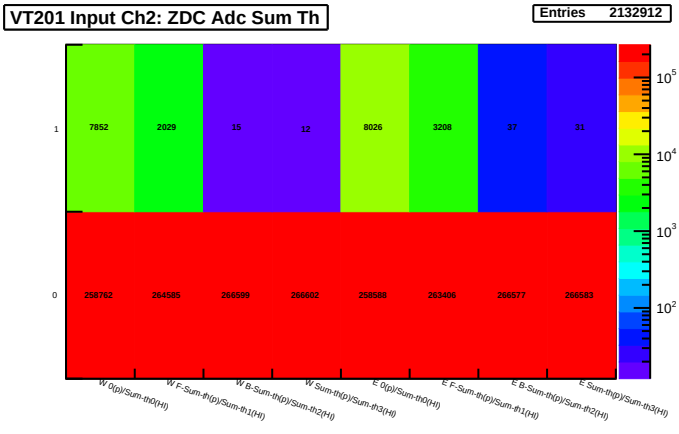

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

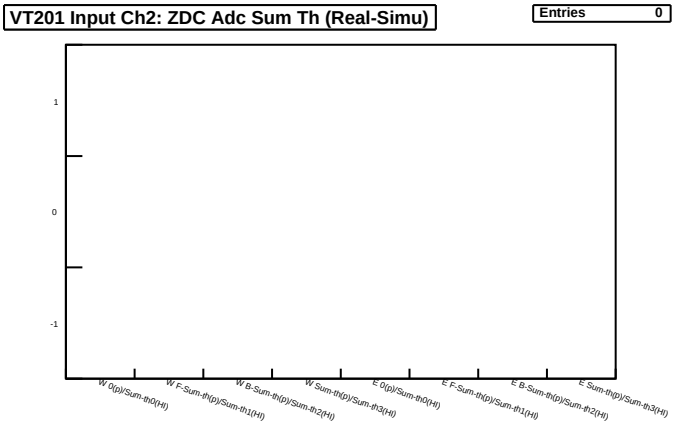

VT201 Input Ch1: EPD Hit Count Th
Entries 533228
262181
261612
4433
5002
East
West

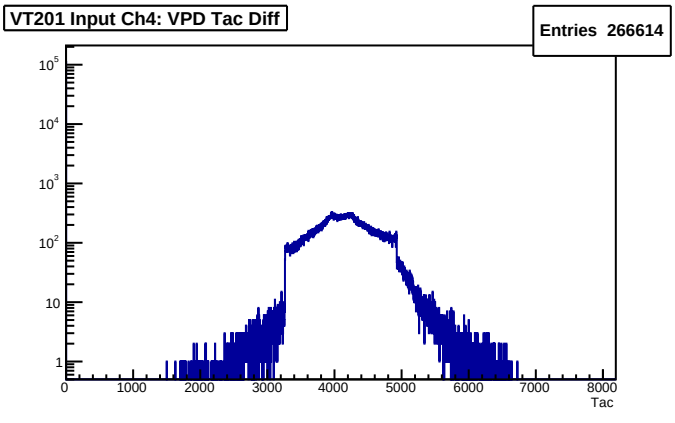

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

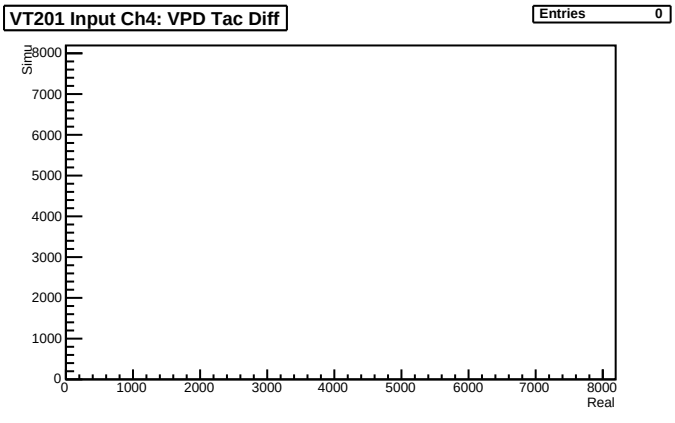

VT201 Input Ch2: ZDC Tac Diff
Entries 266614
Tac

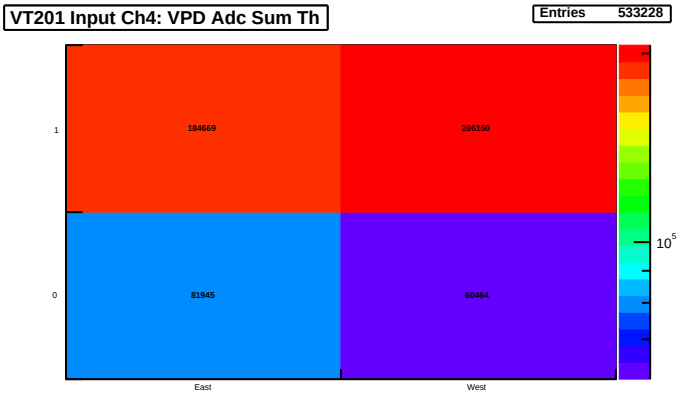

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

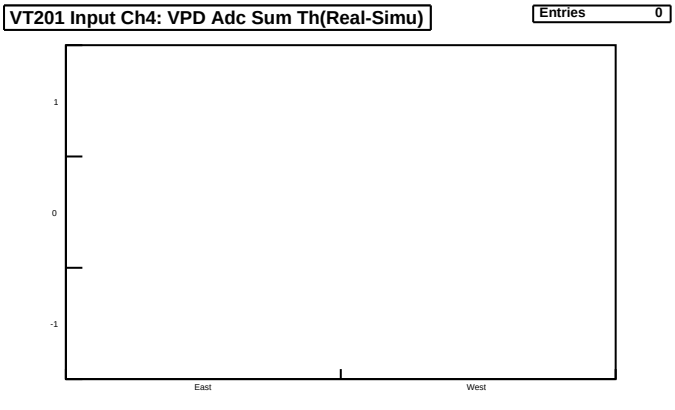

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2132912
7852
2029
15
12
8026
3208
37
31
258762
264585
266599
266602
258588
263406
266577
266583
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

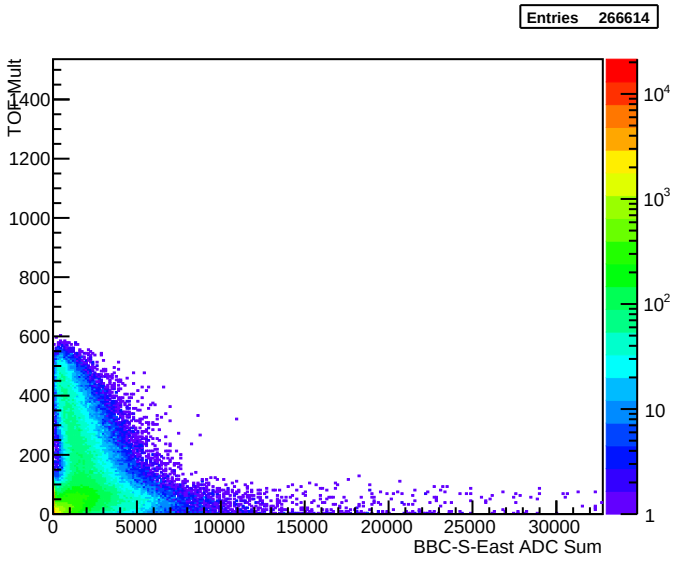

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

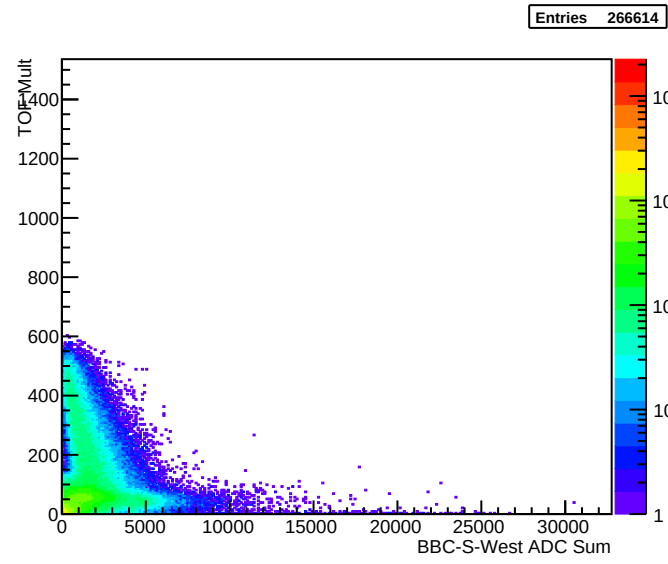

VT201 Input Ch4: VPD Tac Diff
Entries 266614
Tac

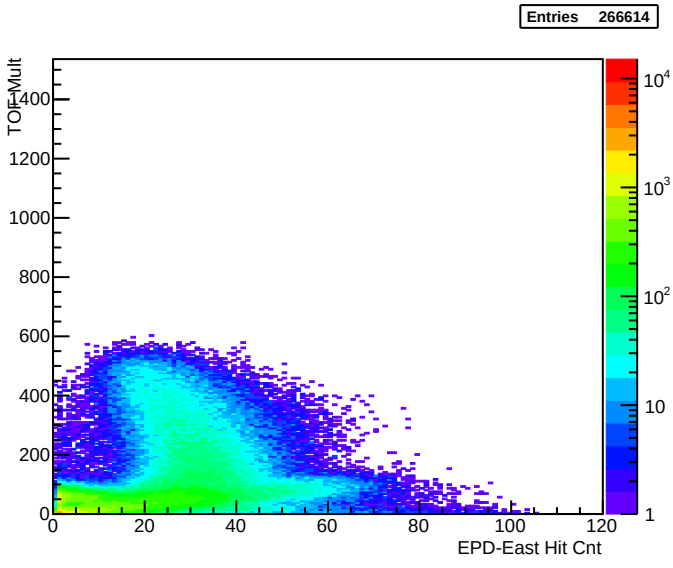

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

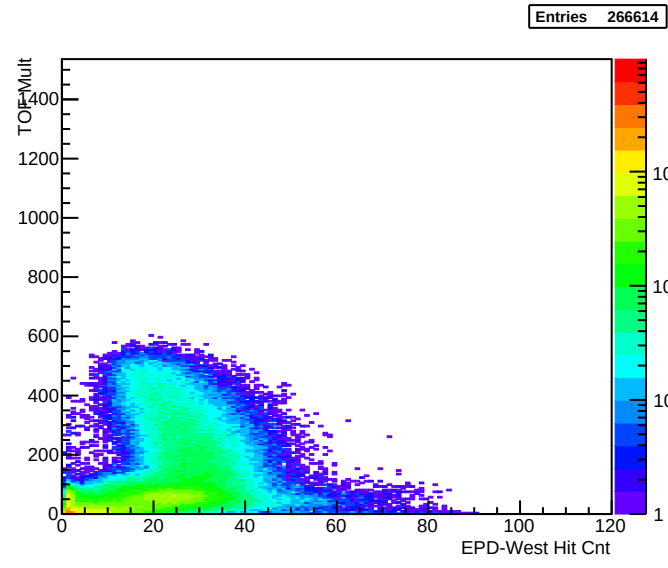

VT201 Input Ch4: VPD Adc Sum Th
Entries 533228
184669
206150
81945
60464
East
West

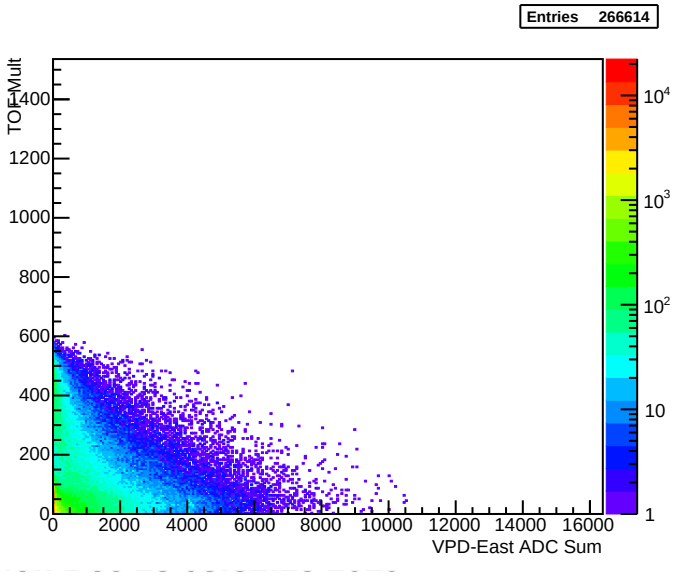

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

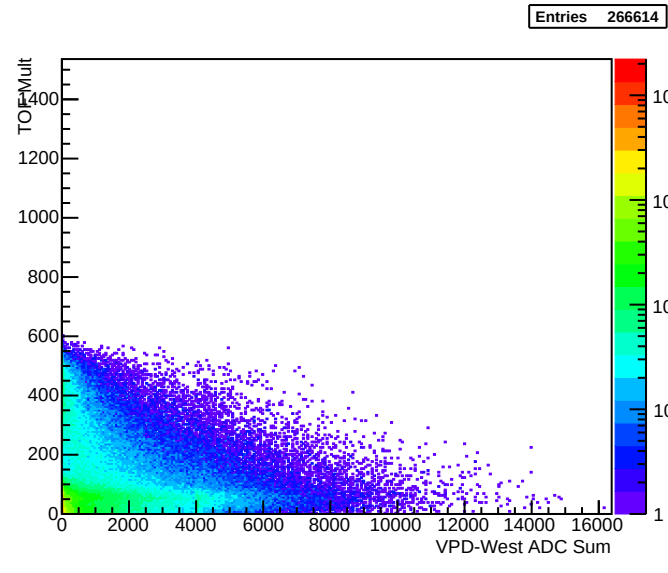

Entries 266614
TOF-Mult
BBC-S-East ADC Sum

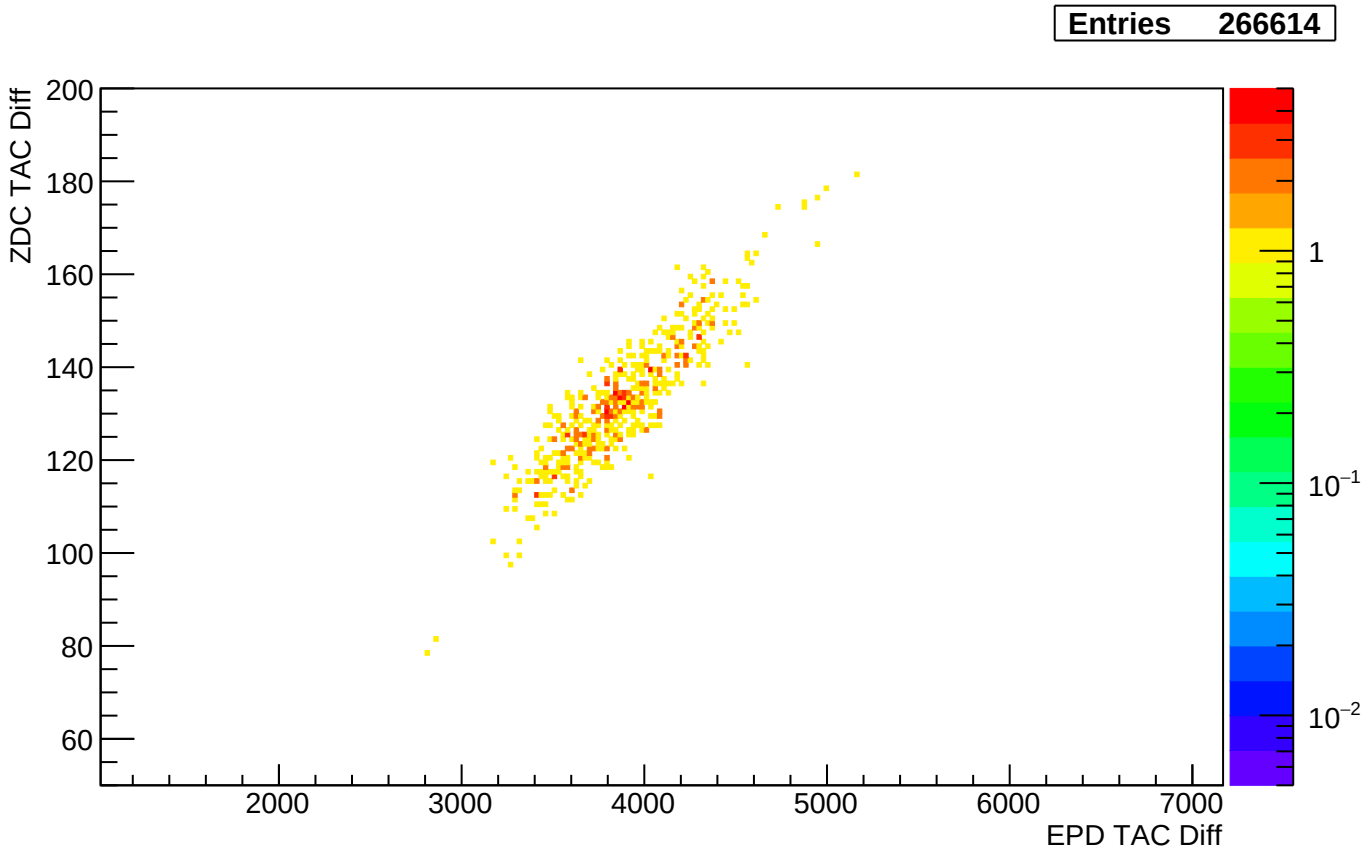

Entries 266614
TOF-Mult
BBC-S-West ADC Sum

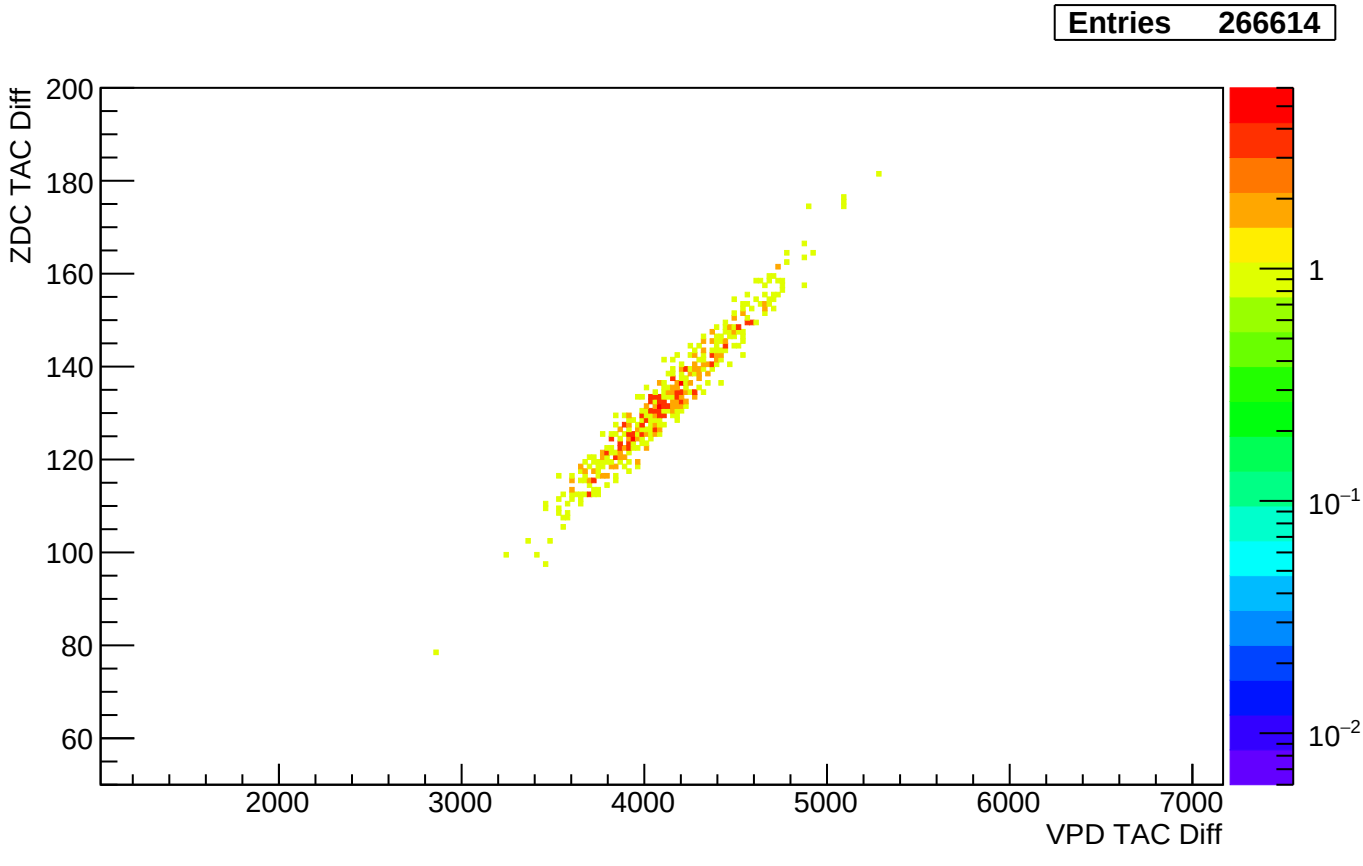

Entries 266614
TOF-Mult
EPD-East Hit Cnt

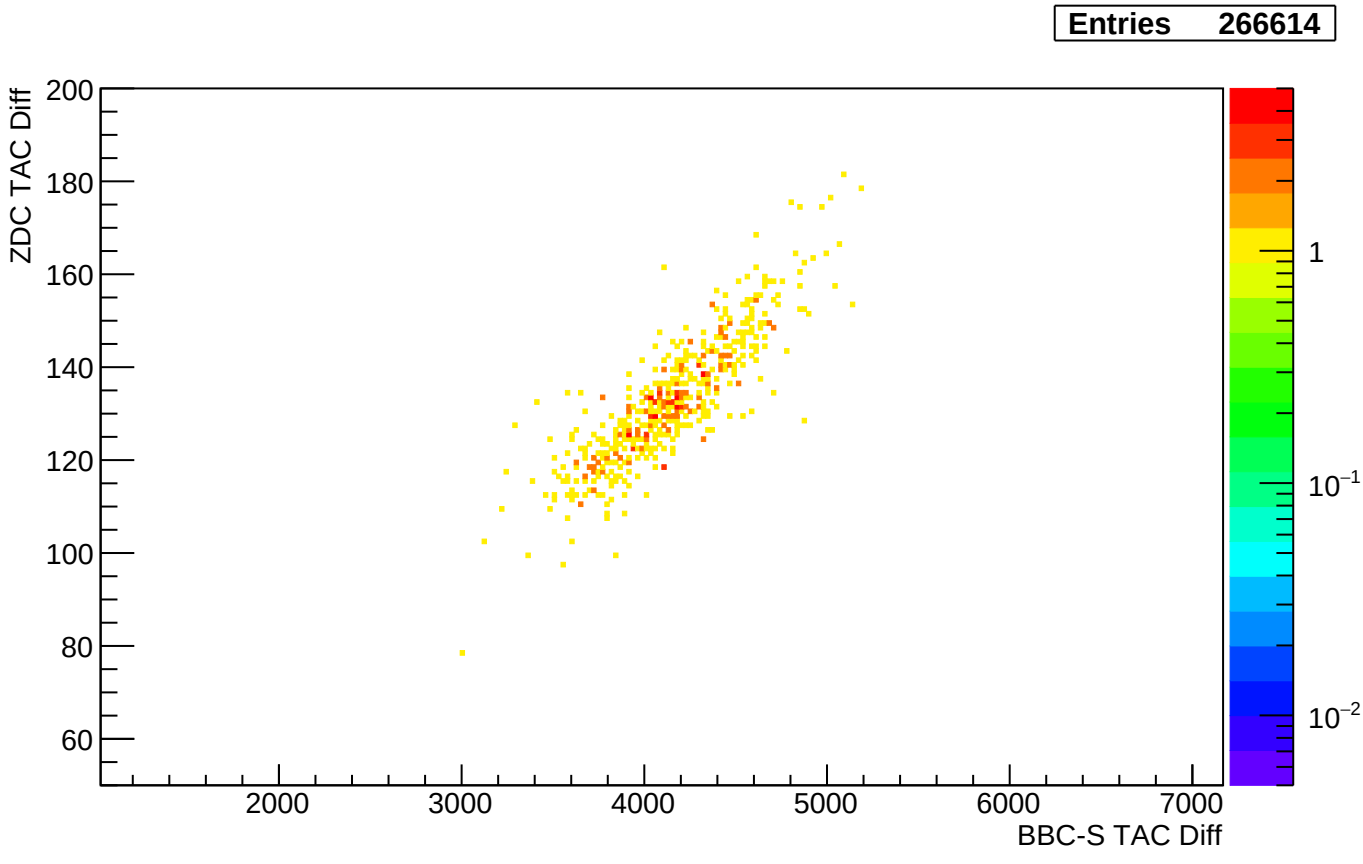

Entries 266614
TOF-Mult
EPD-West Hit Cnt

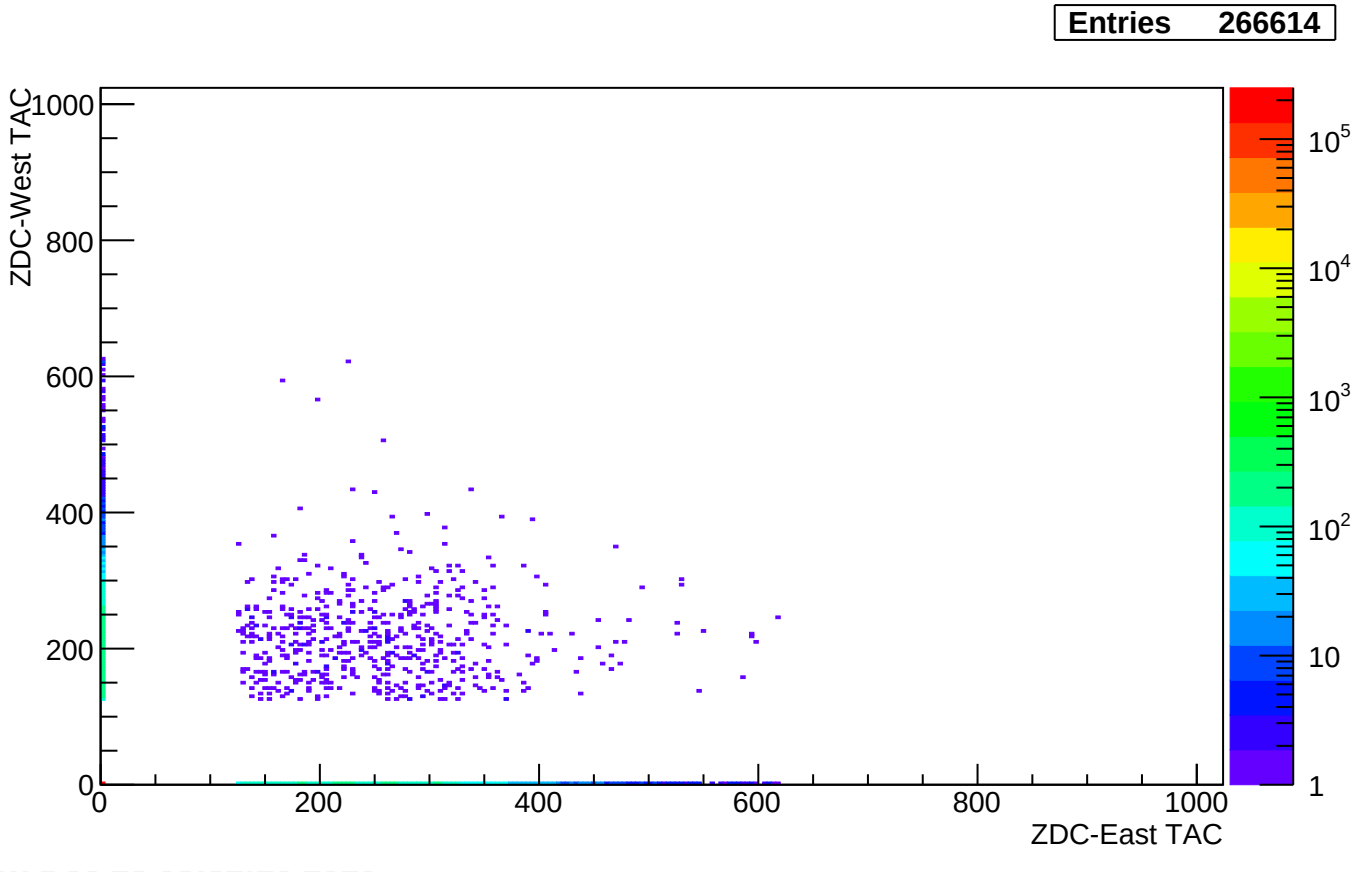

Entries 266614
TOF-Mult
VPD-East ADC Sum

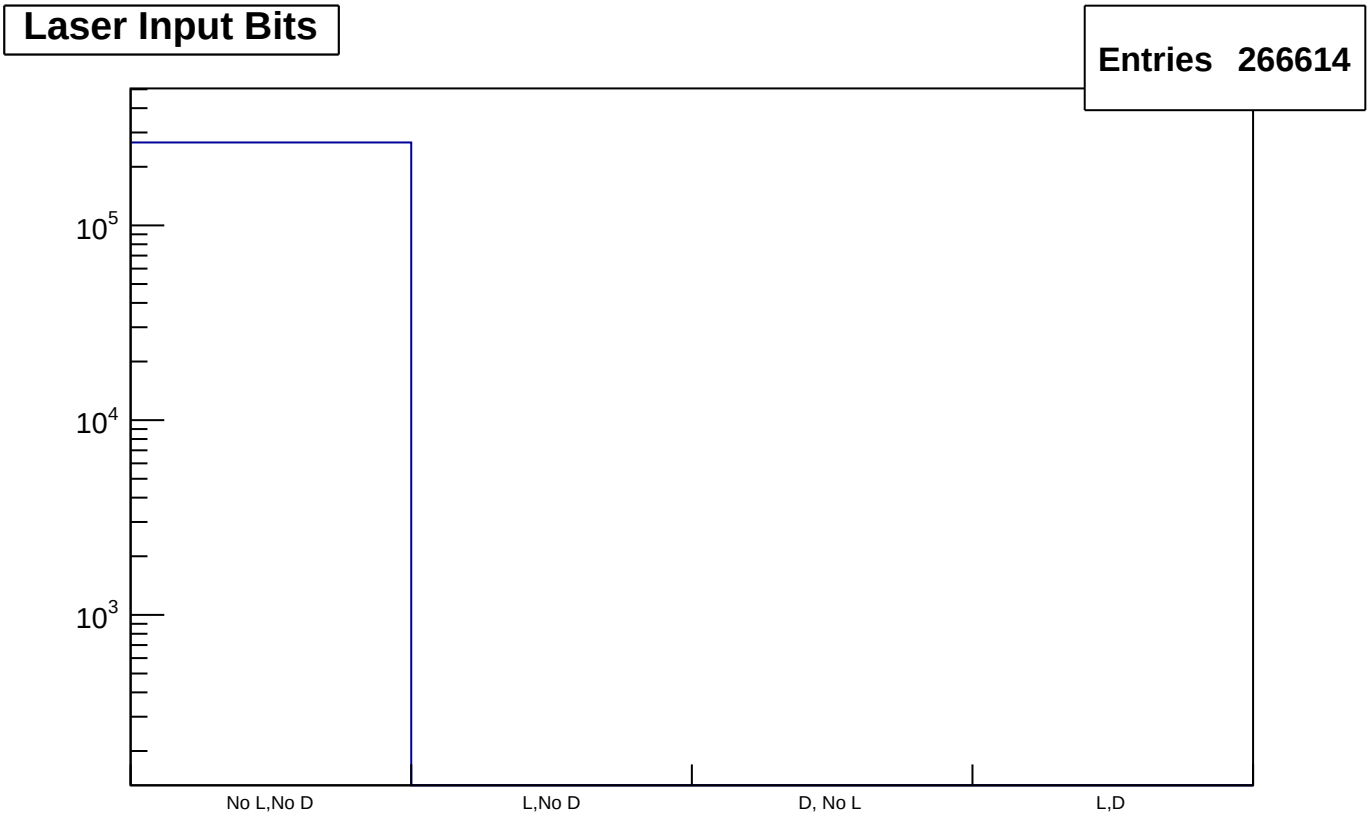

Entries 266614
TOF-Mult
VPD-West ADC Sum

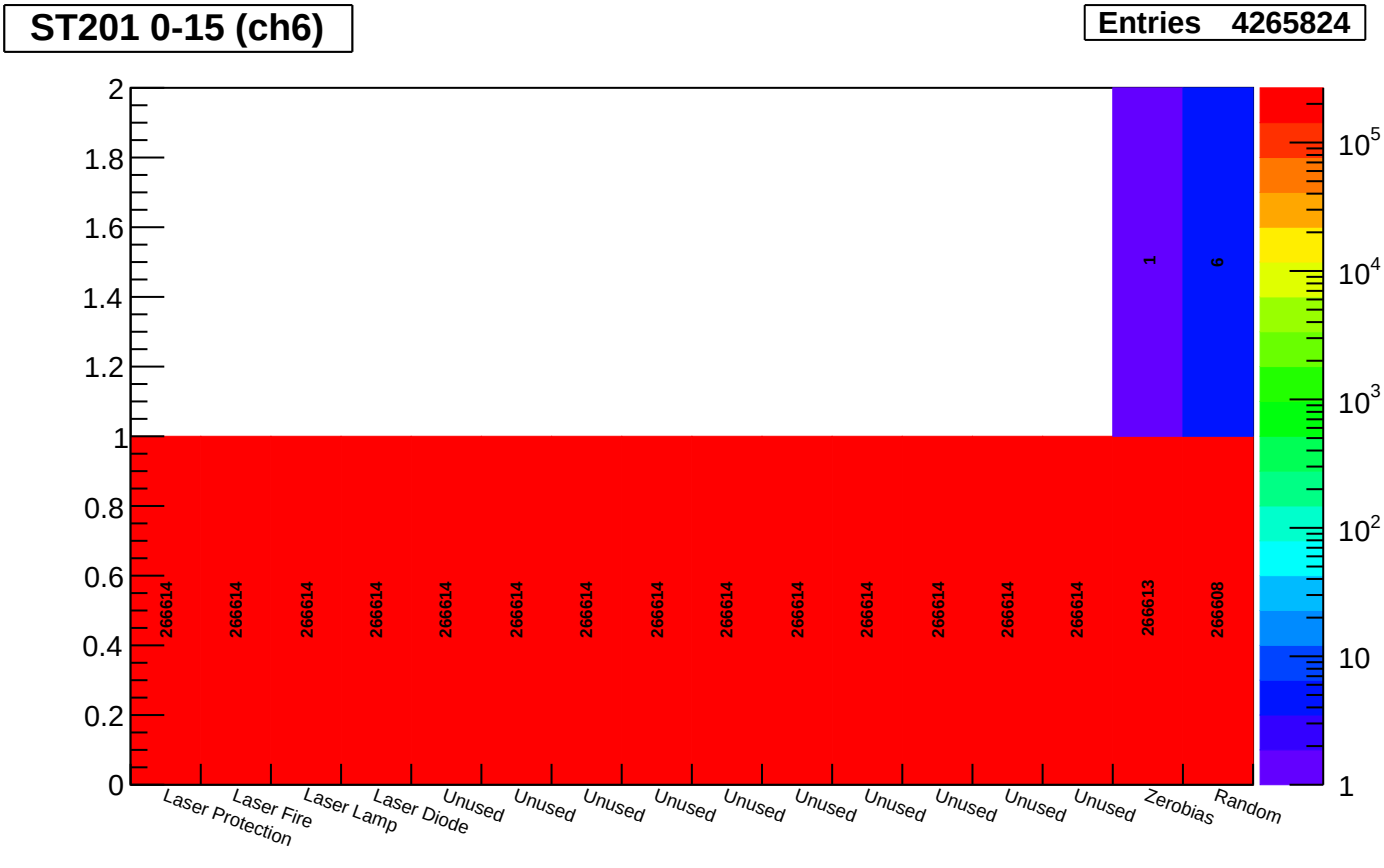

Entries 266614
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

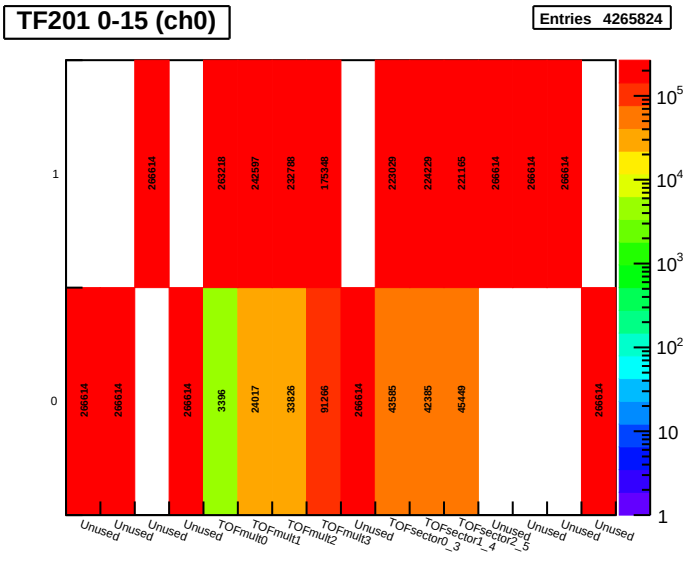

Entries 266614
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

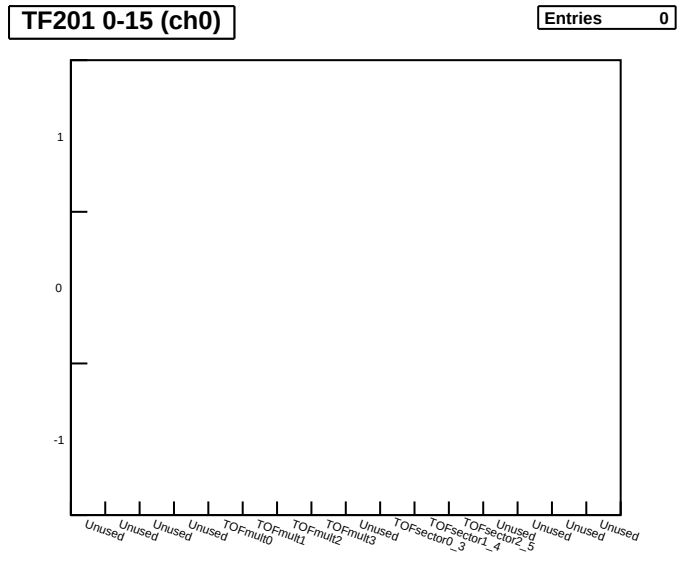

Entries 266614
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

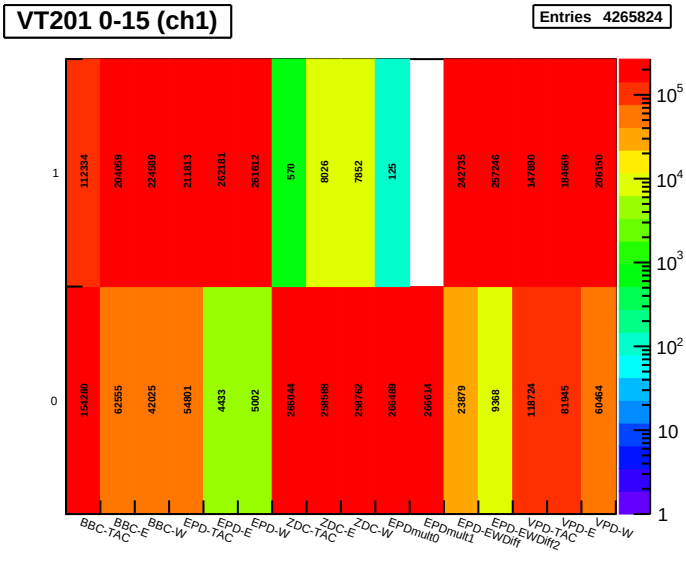

Entries 266614
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

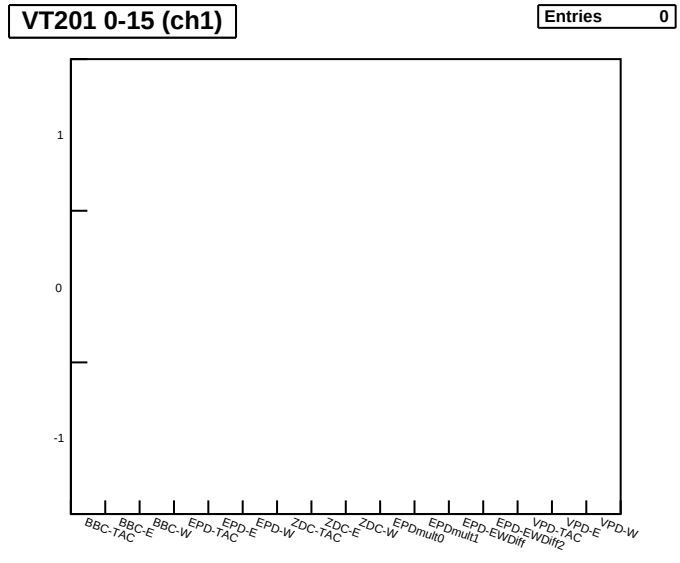

Laser Input Bits
Entries 266614
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

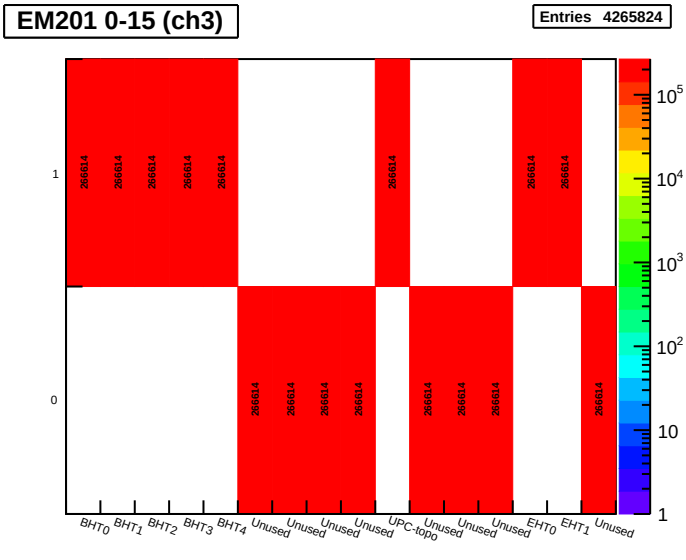

ST201 0-15 (ch6)
Entries 4265824
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
266614
266614
266614
266614
266614
266614
266614
266614
266614
266614
266614
266614
266614
266614
266613
266608
1
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

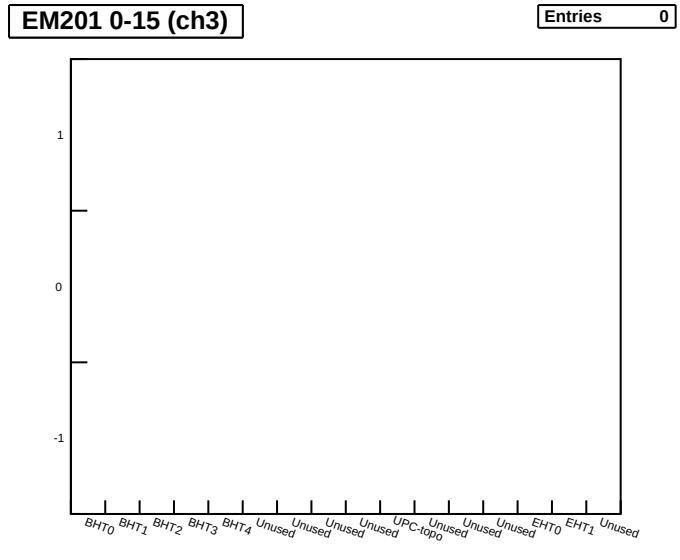

TF201 0-15 (ch0)
Entries 4265824
1
0
266614
263218
242597
232788
175348
223029
224229
221165
266614
266614
266614
266614
266614
266614
266614
3396
24017
33826
91266
266614
43585
42395
45449
266614
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 4265824
1
0
112334
204059
224589
211813
202181
261612
570
8026
7852
125
242735
257246
147890
184669
206150
154280
62555
42025
54801
4433
5002
266044
258588
258762
266489
266614
23879
9368
118724
81945
60464
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 4265824
1
0
266614
266614
266614
266614
266614
266614
266614
266614
266614
266614
266614
266614
266614
266614
266614
266614
266614
266614
266614
266614
266614
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused