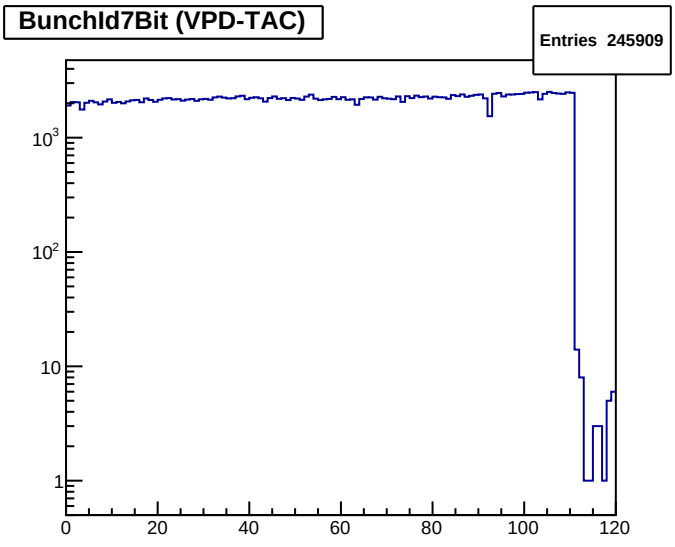
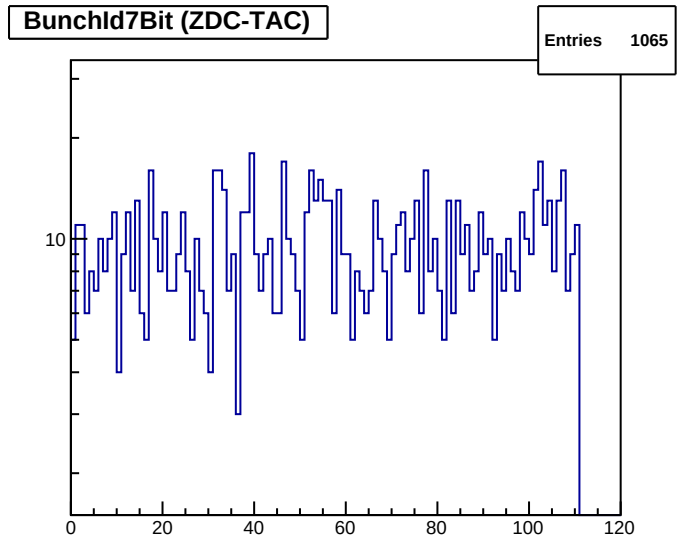
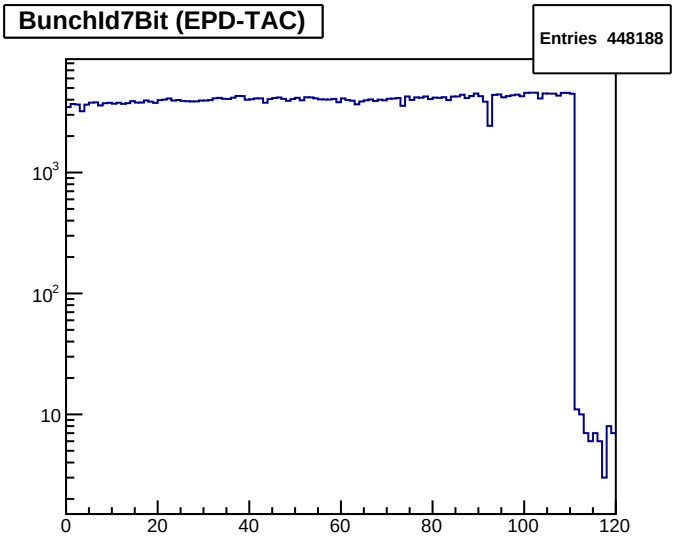
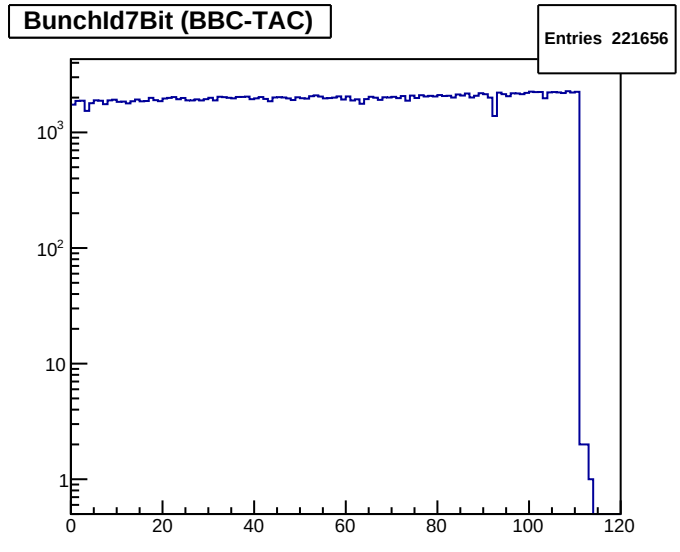
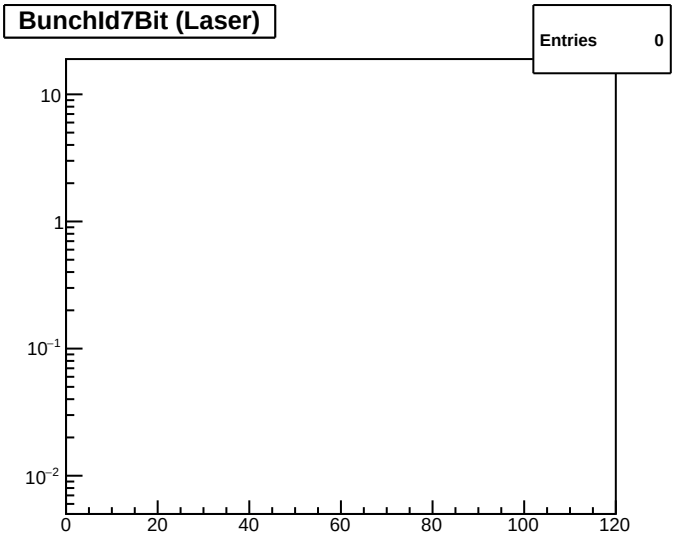
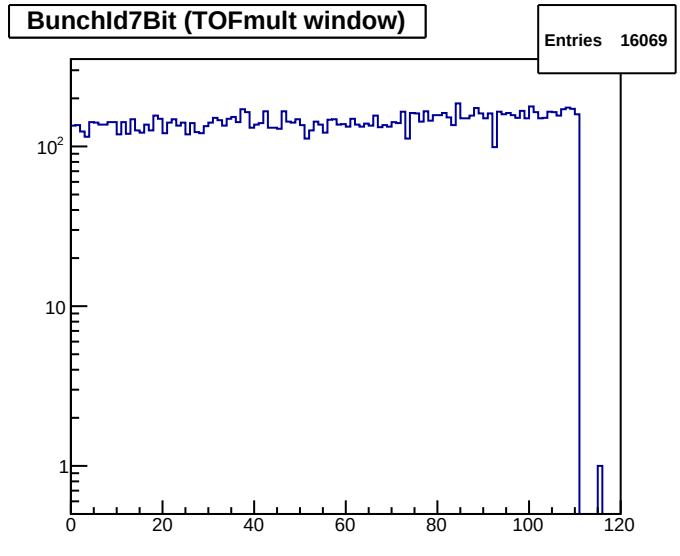

BunchId7Bit (VPD-TAC)
Entries 245909

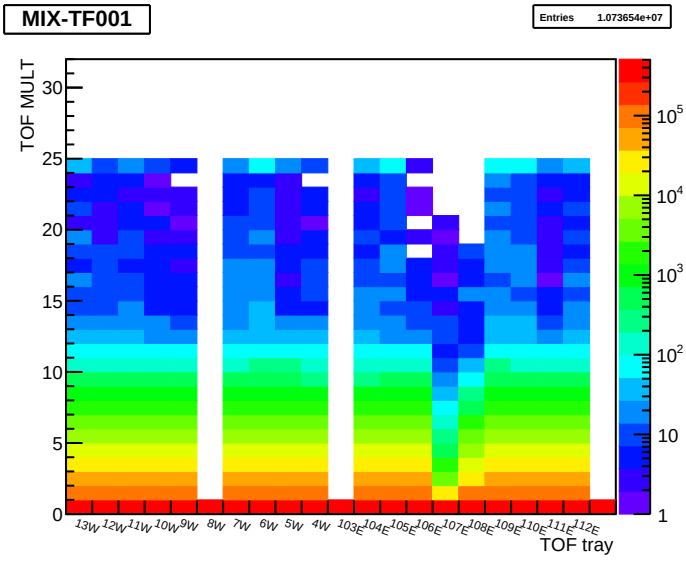

BunchId7Bit (ZDC-TAC)
Entries 1065

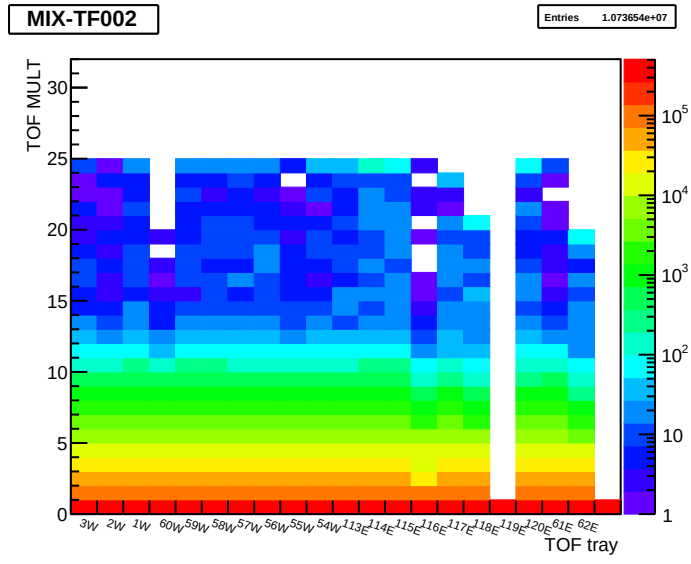

BunchId7Bit (EPD-TAC)
Entries 448188

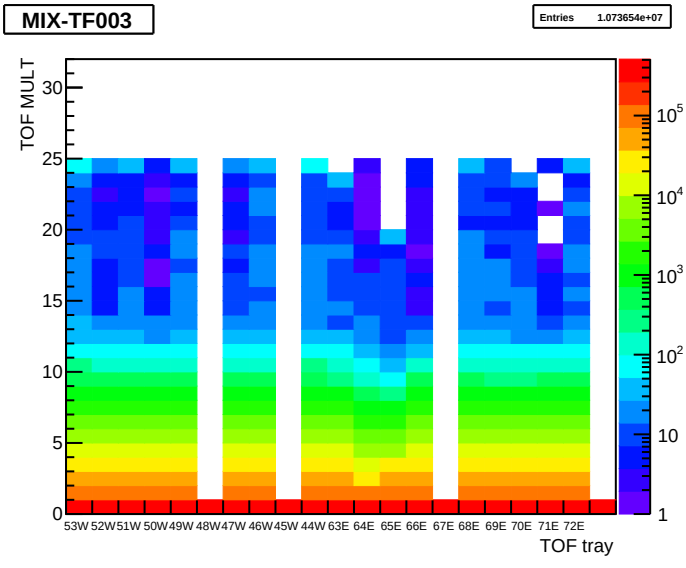

BunchId7Bit (BBC-TAC)
Entries 221656

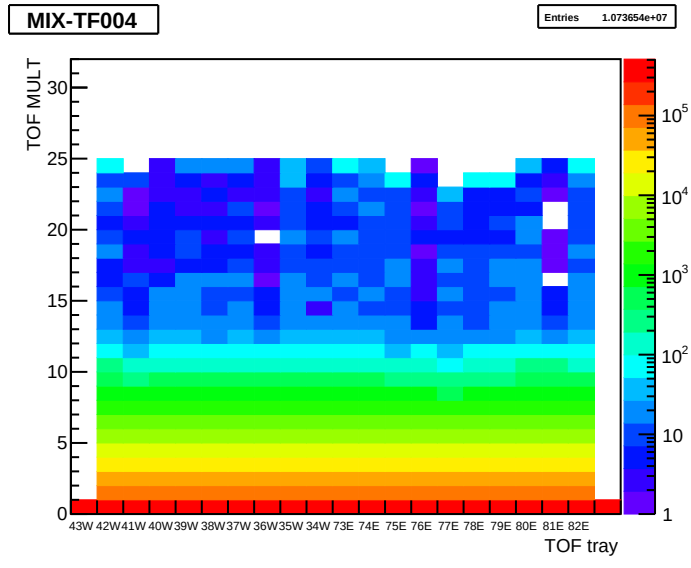

BunchId7Bit (Laser)
Entries 0

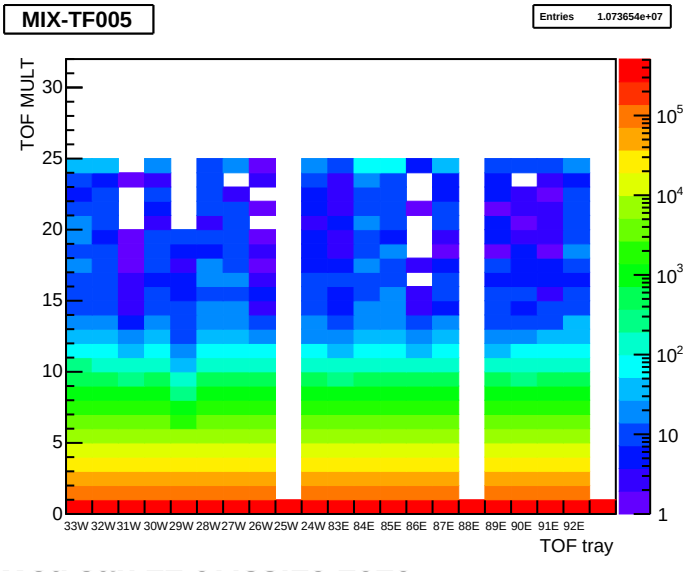

BunchId7Bit (TOFmult window)
Entries 16069

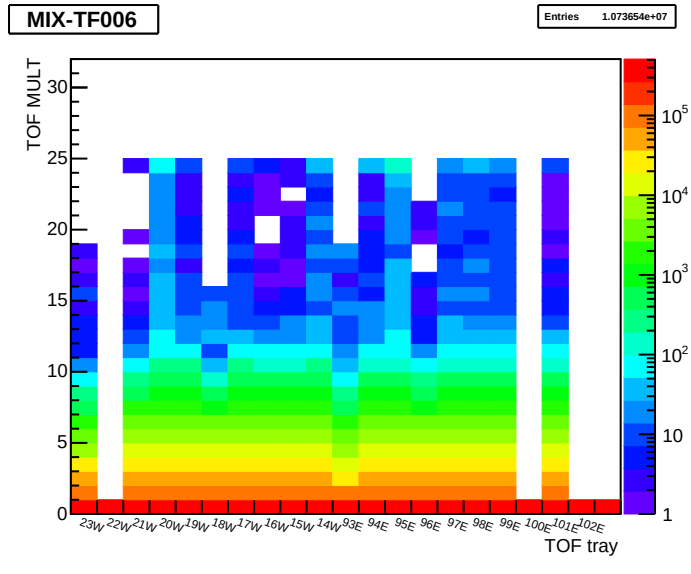

MIX-TF001
Entries 1.073654e+07
TOF MULT
TOF tray

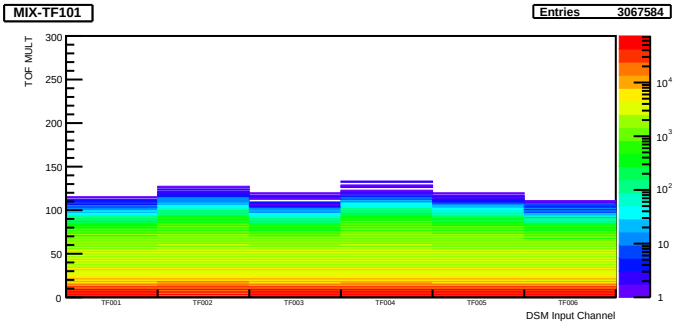

MIX-TF002
Entries 1.073654e+07
TOF MULT
TOF tray

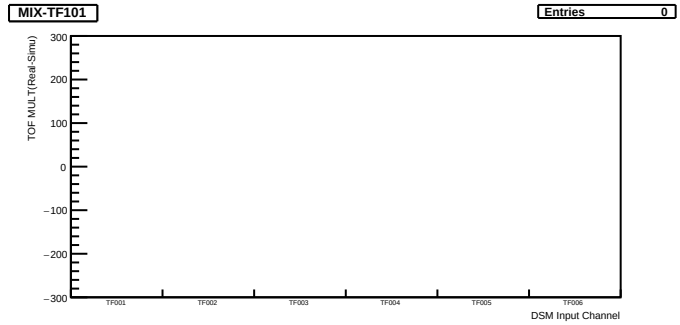

MIX-TF003
Entries 1.073654e+07
TOF MULT
TOF tray

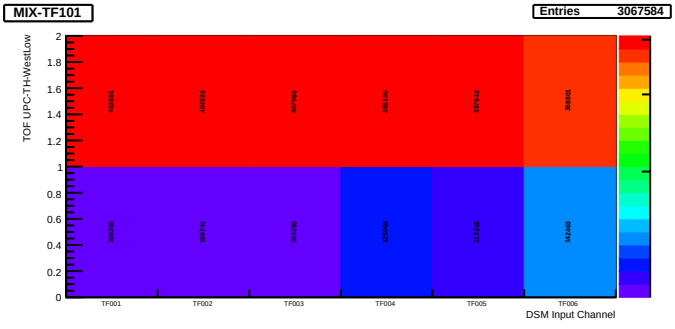

MIX-TF004
Entries 1.073654e+07
TOF MULT
TOF tray

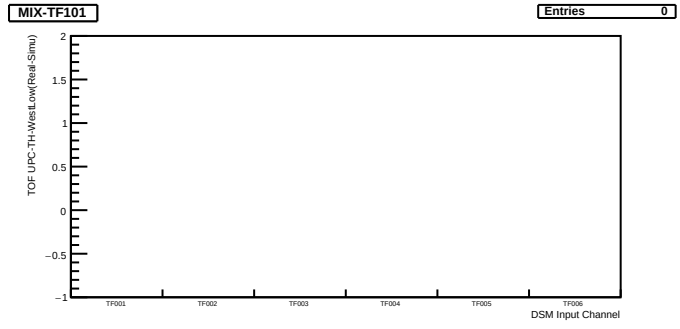

MIX-TF005
Entries 1.073654e+07
TOF MULT
TOF tray

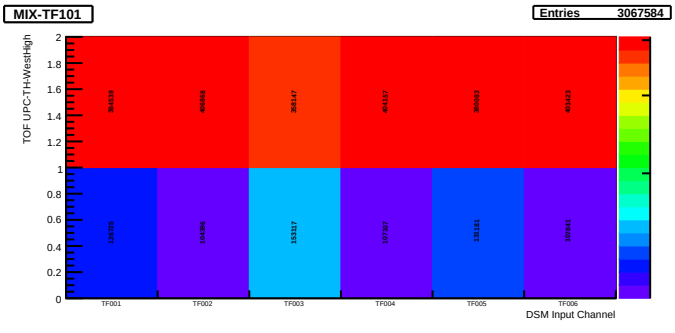

MIX-TF006
Entries 1.073654e+07
TOF MULT
TOF tray

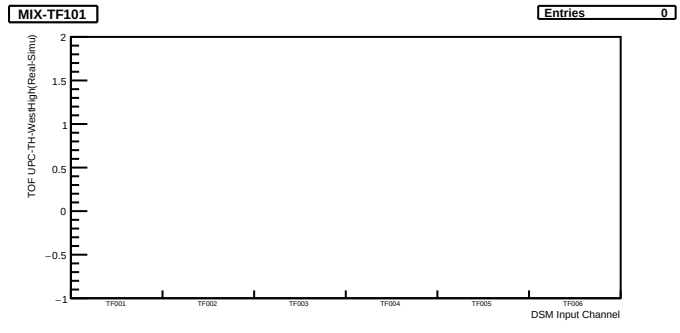

MIX-TF101
Entries 3067584
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

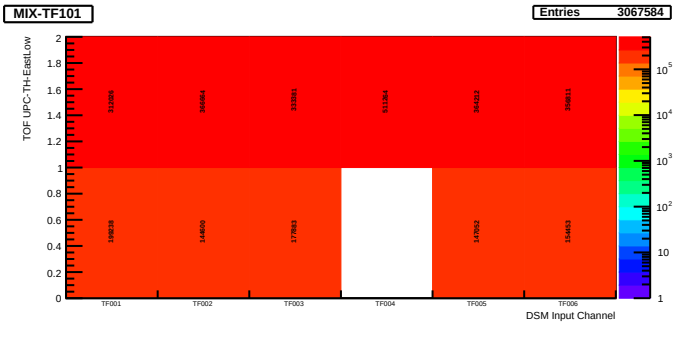

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

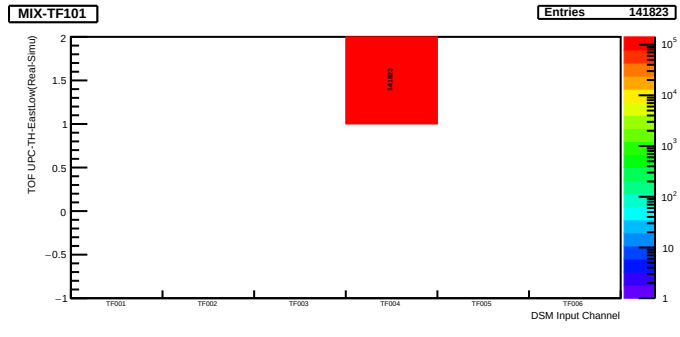

MIX-TF101
Entries 3067584
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

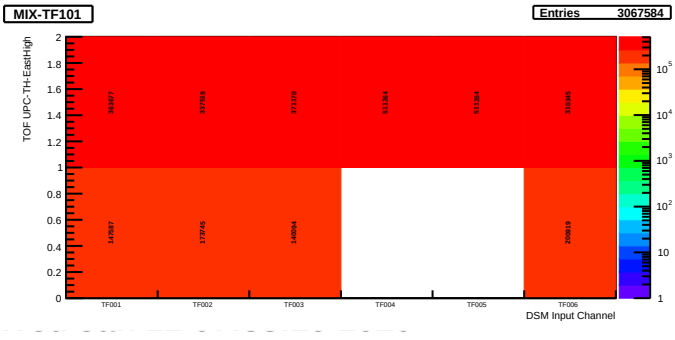

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

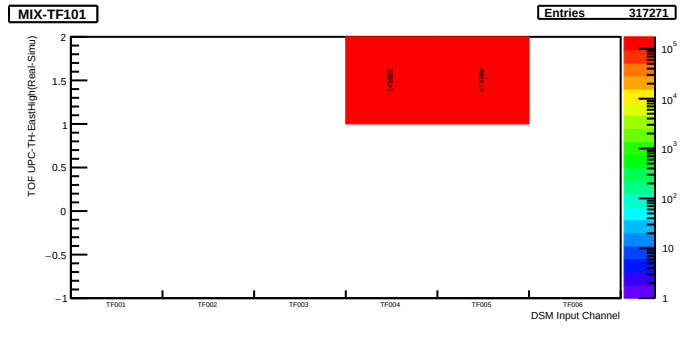

MIX-TF101
Entries 3067584
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

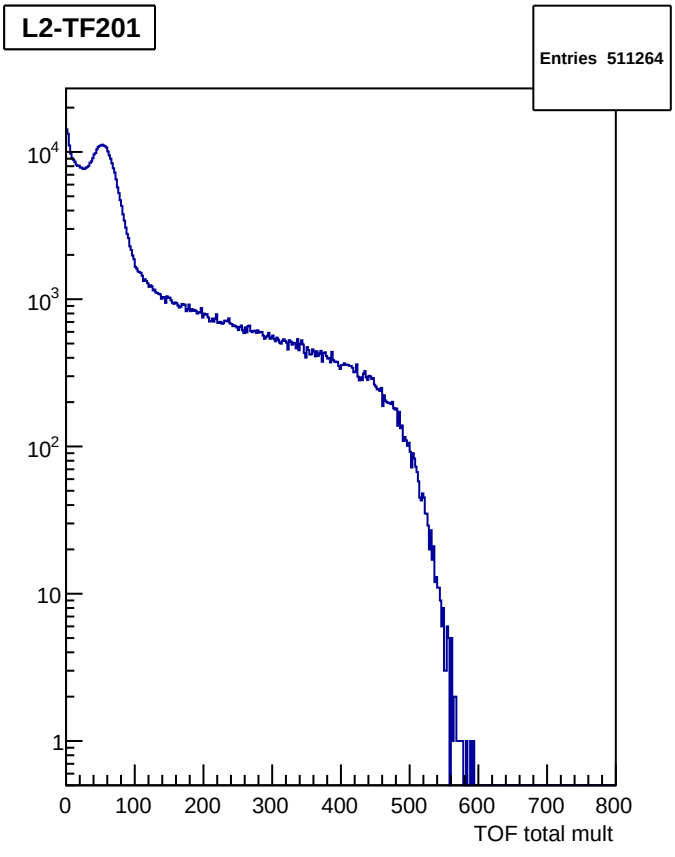

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

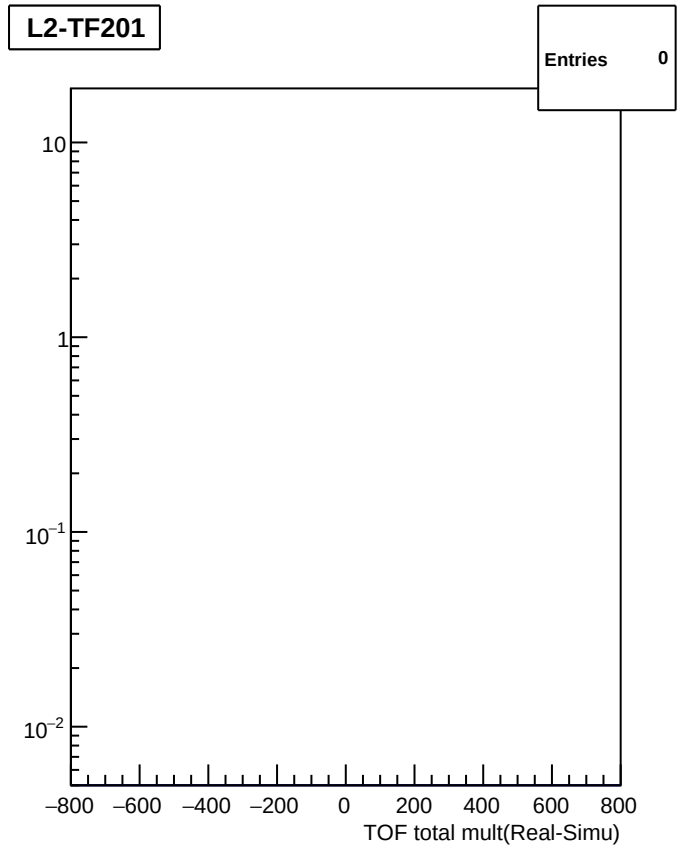

MIX-TF101
Entries 3067584
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

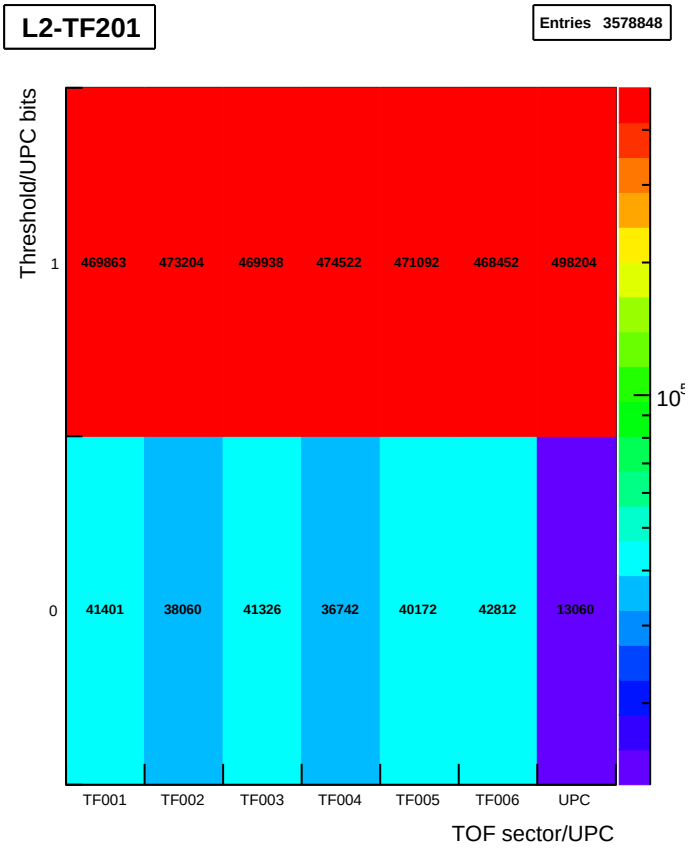

MIX-TF101
Entries 141823
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

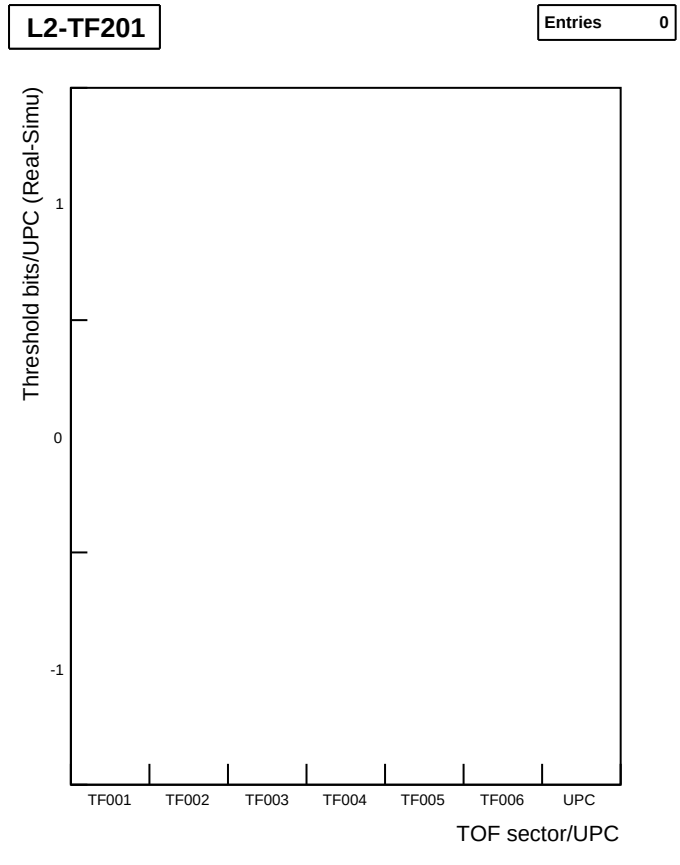

MIX-TF101
Entries 3067584
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

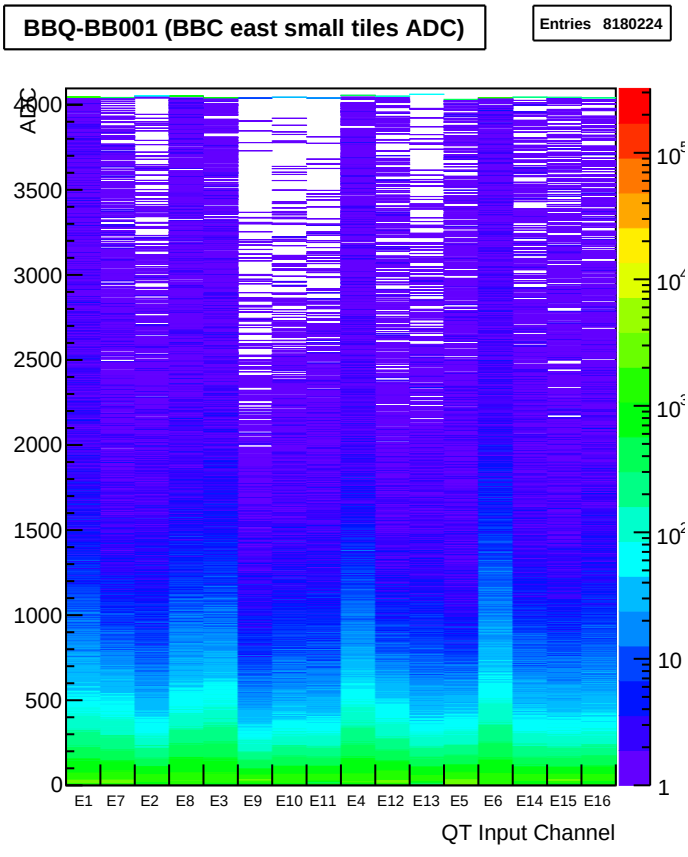

MIX-TF101
Entries 317271
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

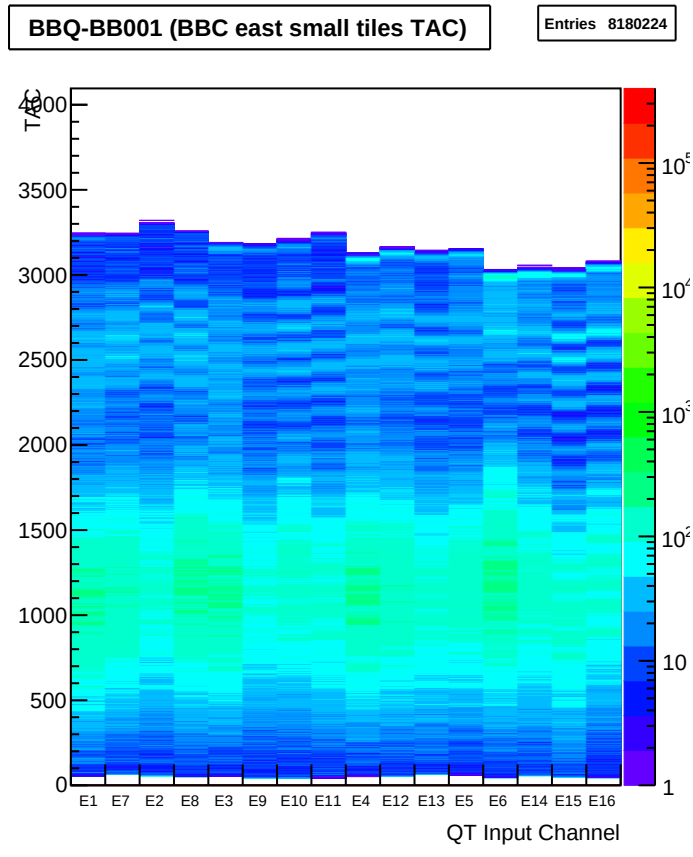

L2-TF201
Entries 511264
TOF total mult

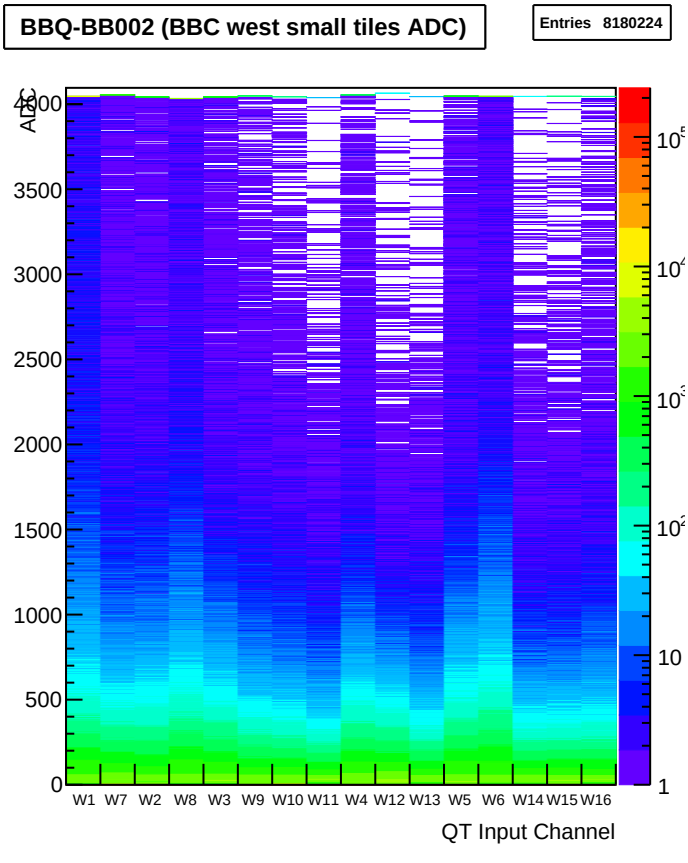

L2-TF201
Entries 0
TOF total mult(Real-Simu)

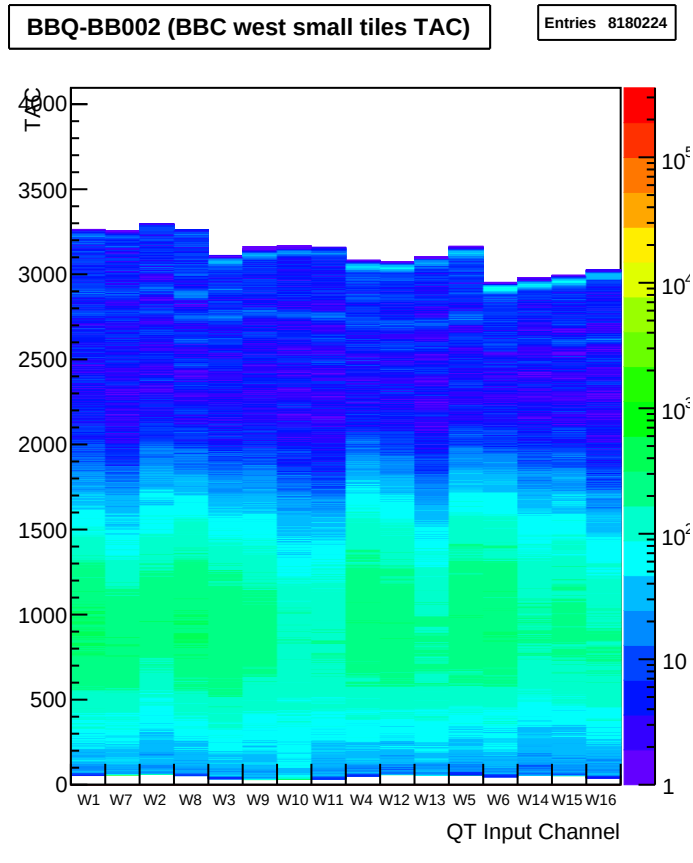

L2-TF201
Entries 3578848
Threshold/UPC bits
469863
473204
469938
474522
471092
468452
498204
41401
38060
41326
36742
40172
42812
13060
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

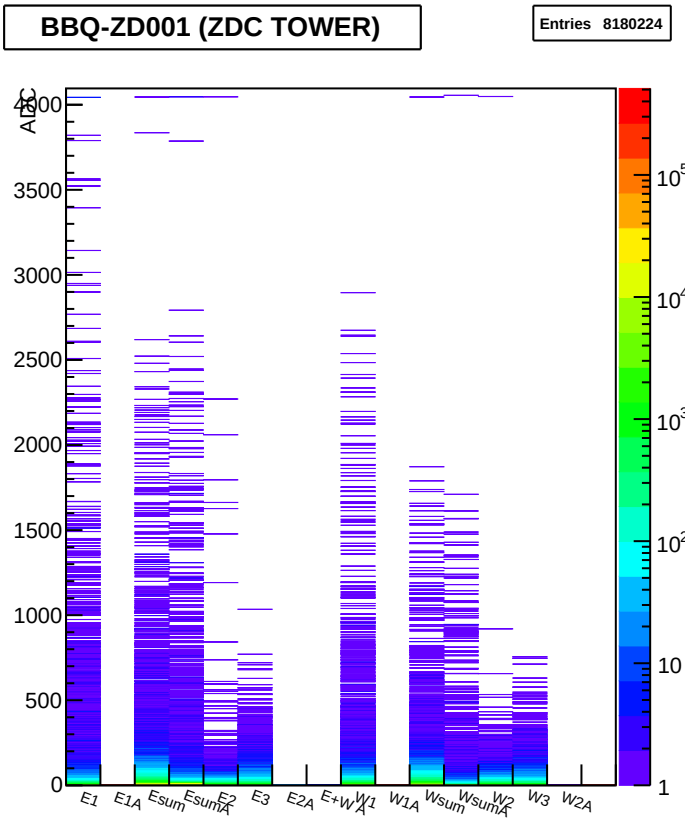

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

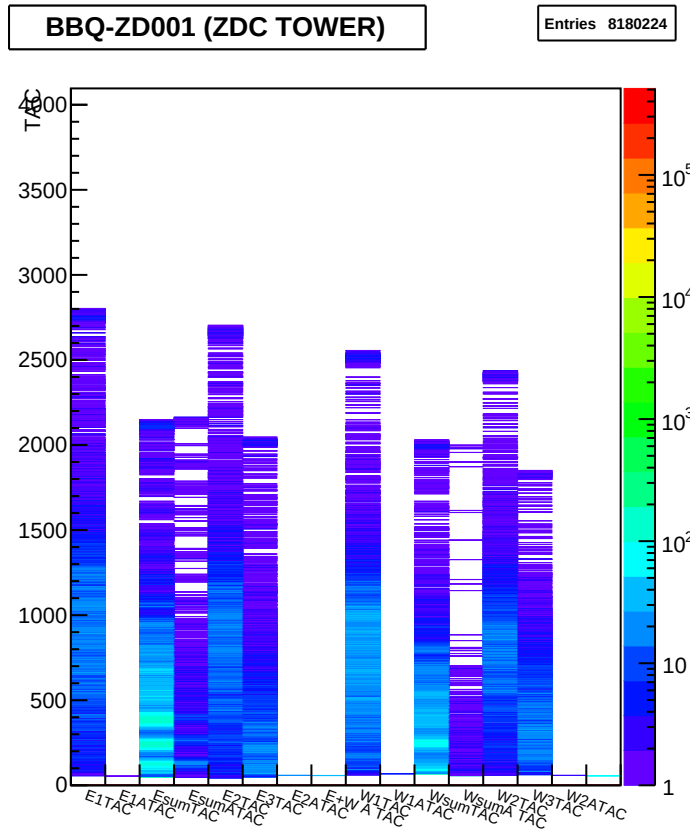

BBQ-BB001 (BBC east small tiles ADC)
Entries 8180224
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

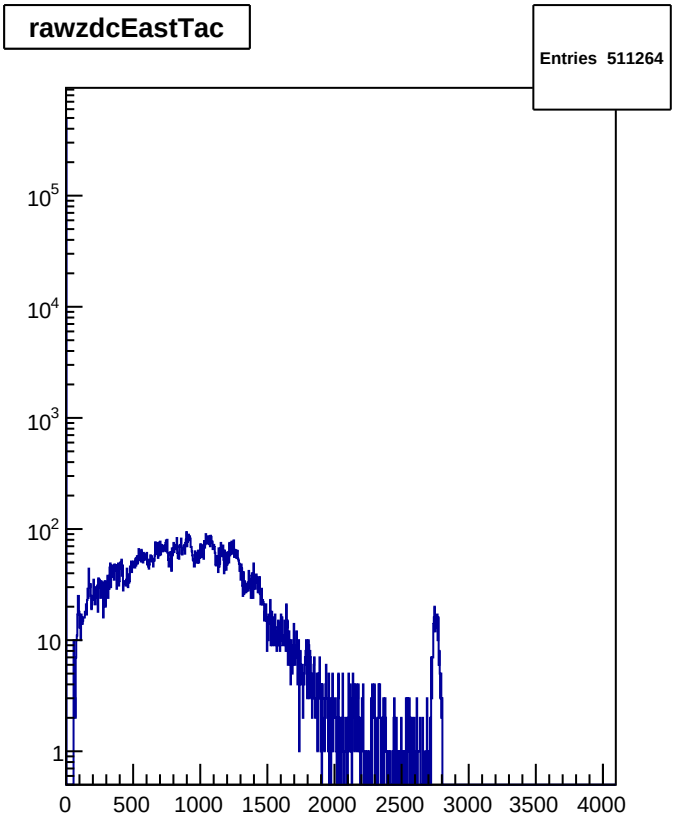

BBQ-BB001 (BBC east small tiles TAC)
Entries 8180224
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

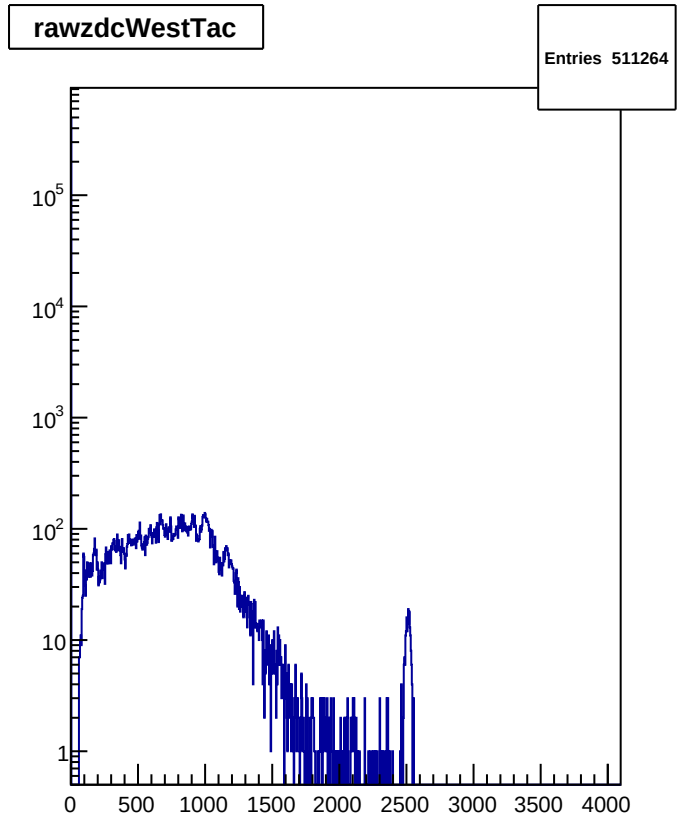

BBQ-BB002 (BBC west small tiles ADC)
Entries 8180224
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

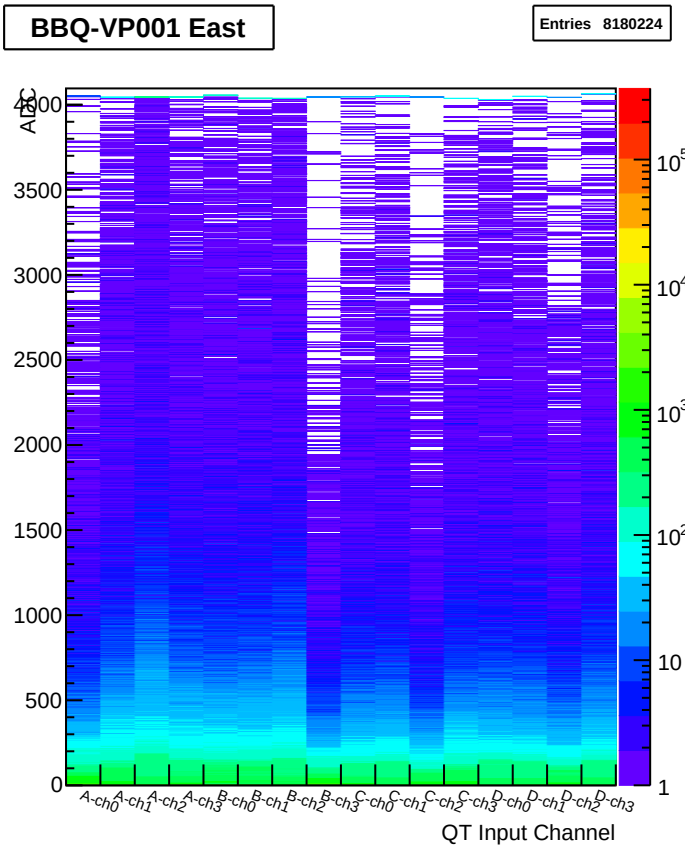

BBQ-BB002 (BBC west small tiles TAC)
Entries 8180224
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

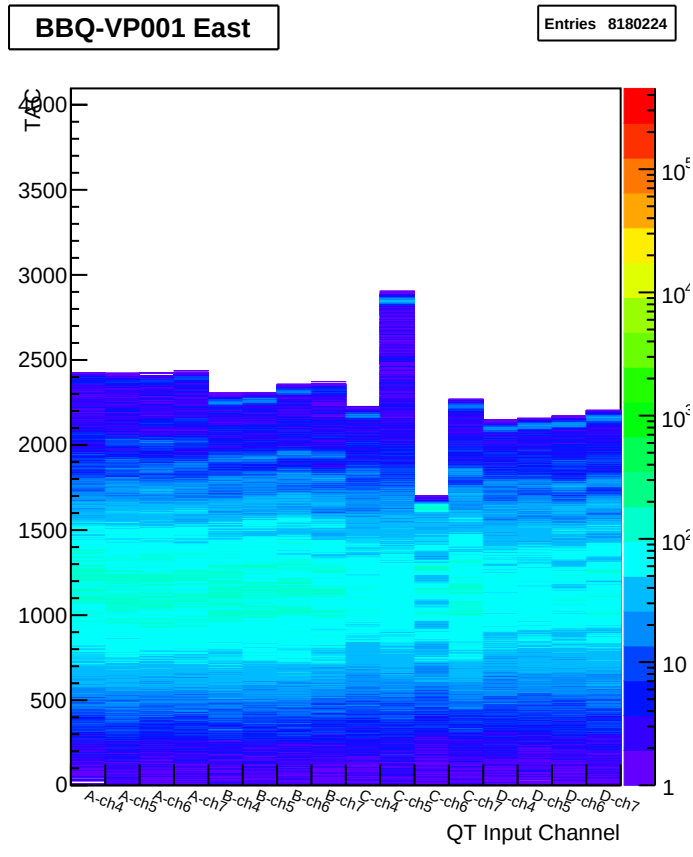

BBQ-ZD001 (ZDC TOWER)
Entries 8180224
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

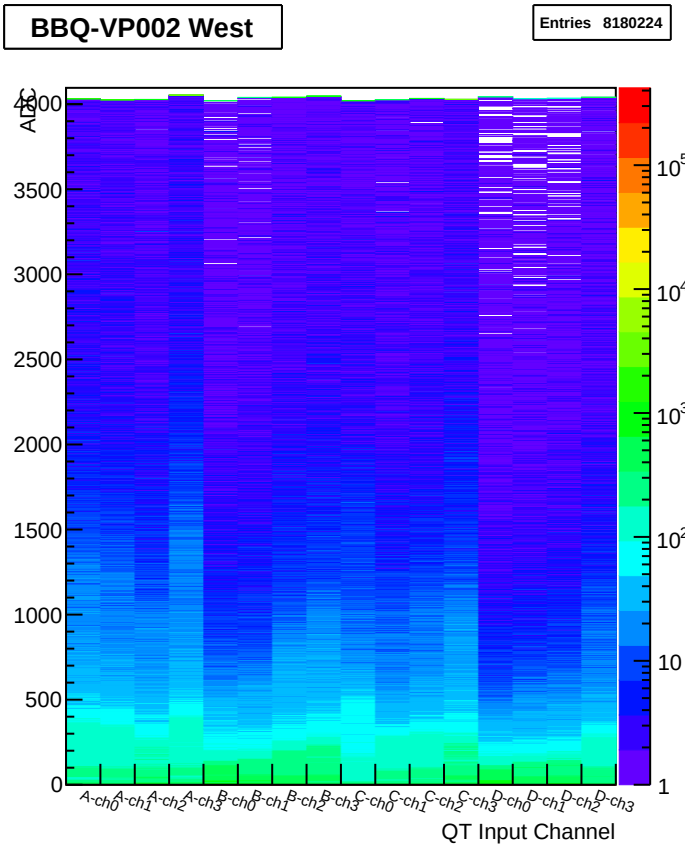

BBQ-ZD001 (ZDC TOWER)
Entries 8180224
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

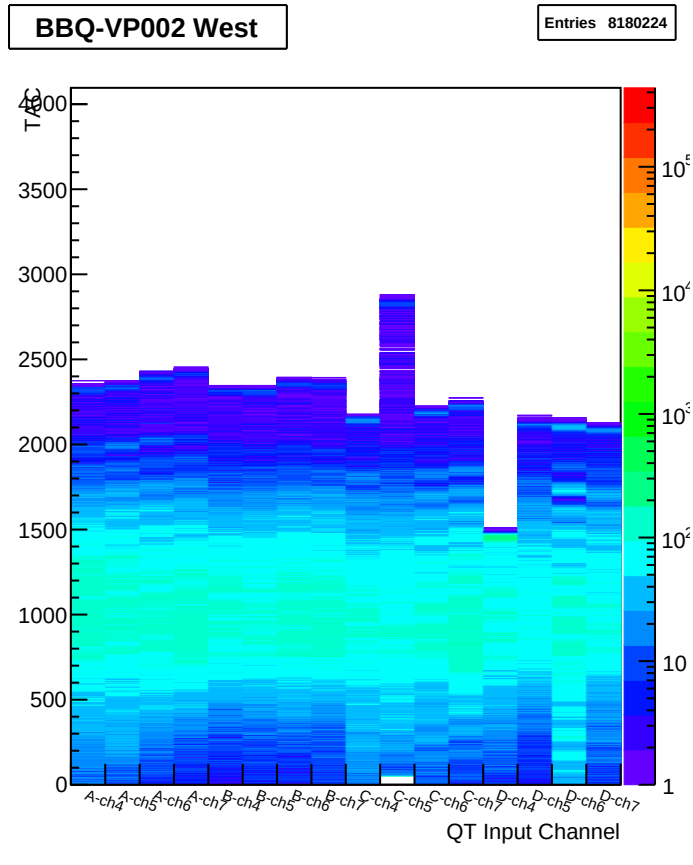

rawzdcEastTac
Entries 511264

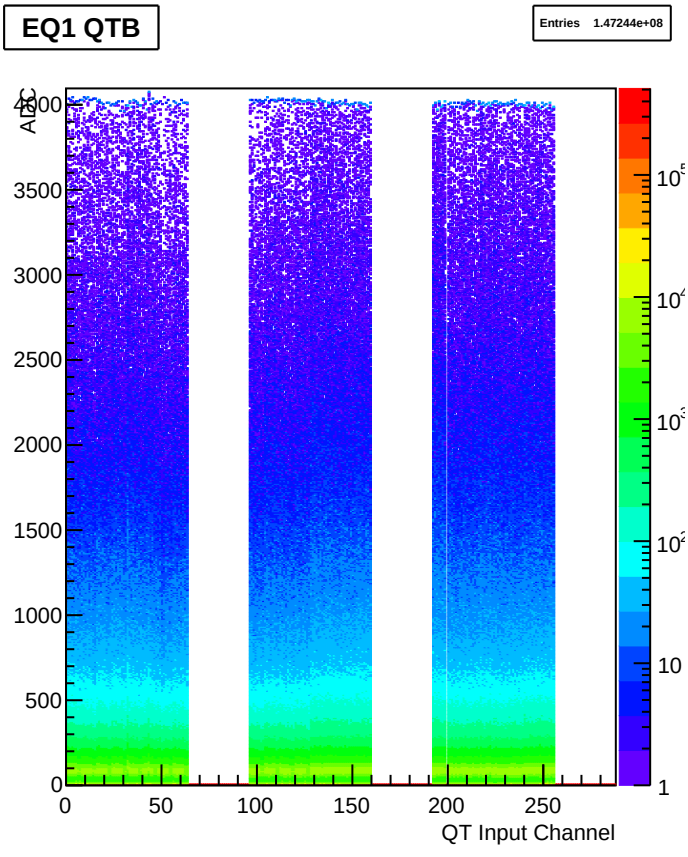

rawzdcWestTac
Entries 511264

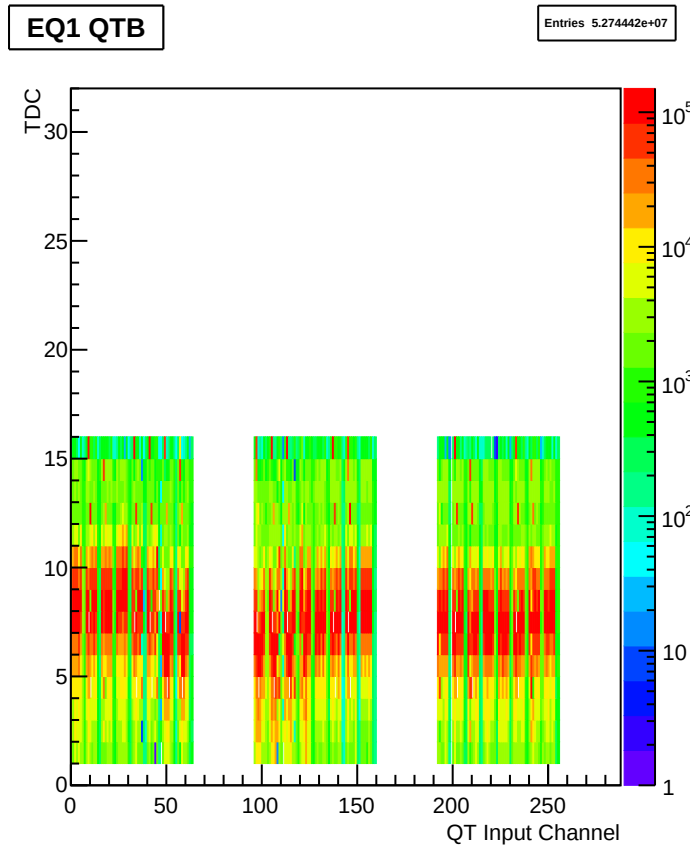

BBQ-VP001 East
Entries 8180224
ADC
QT Input Channel

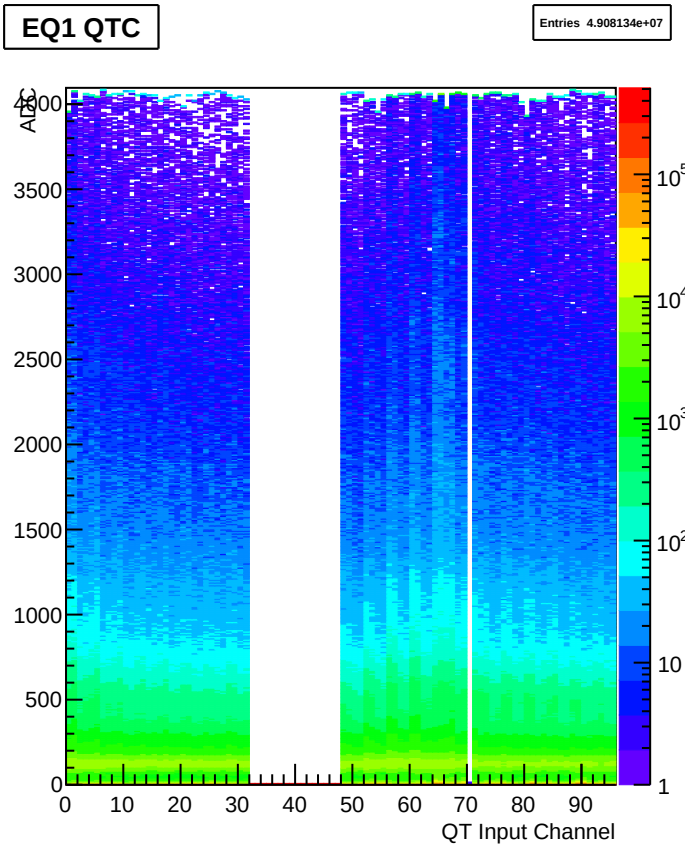

BBQ-VP001 East
Entries 8180224
TADC
QT Input Channel

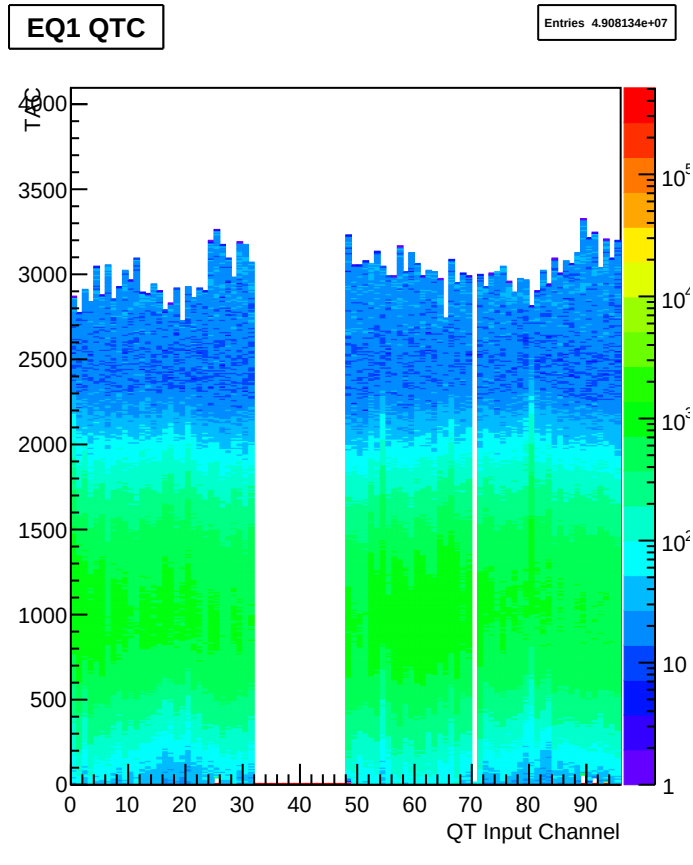

BBQ-VP002 West
Entries 8180224
ADC
QT Input Channel

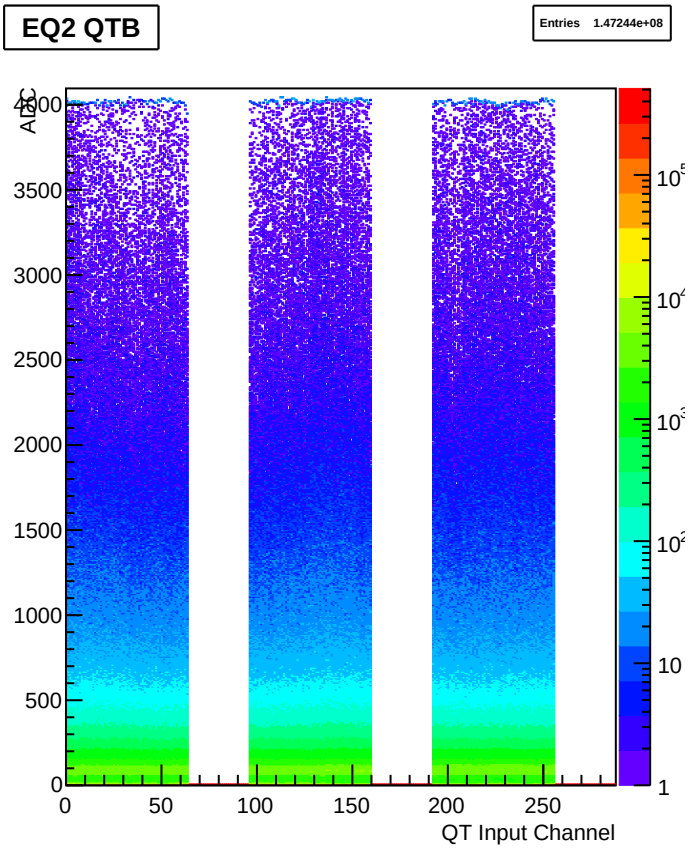

BBQ-VP002 West
Entries 8180224
TADC
QT Input Channel

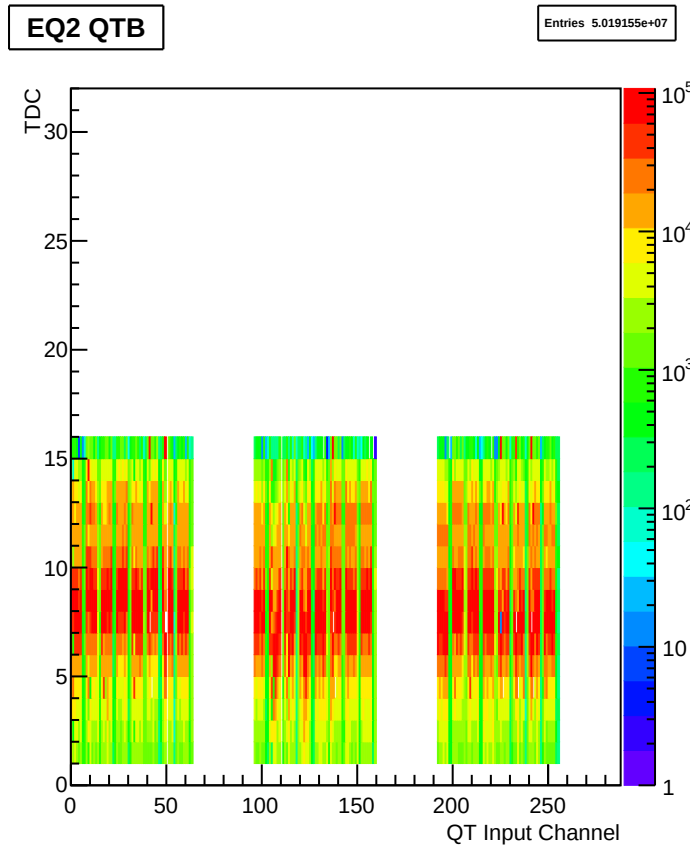

EQ1 QTB
Entries 1.47244e+08
ADC
QT Input Channel

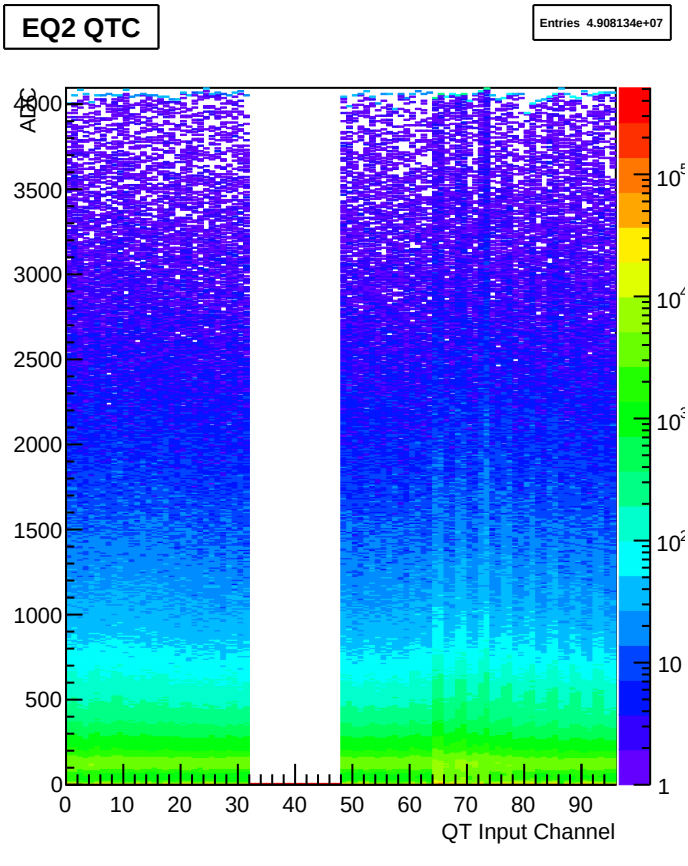

EQ1 QTB
Entries 5.274442e+07
TDC
QT Input Channel

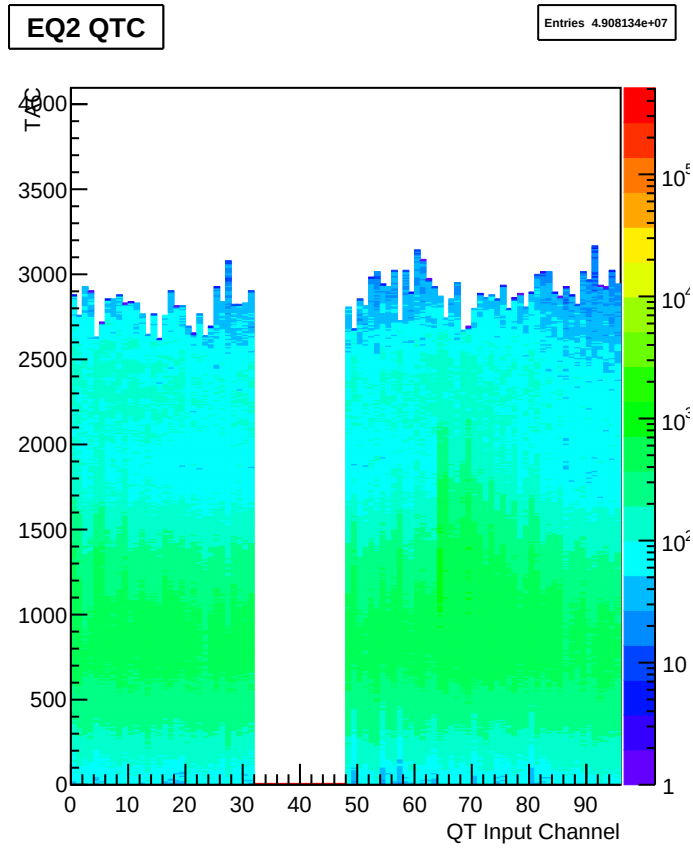

EQ1 QTC
Entries 4.908134e+07
ADC
QT Input Channel

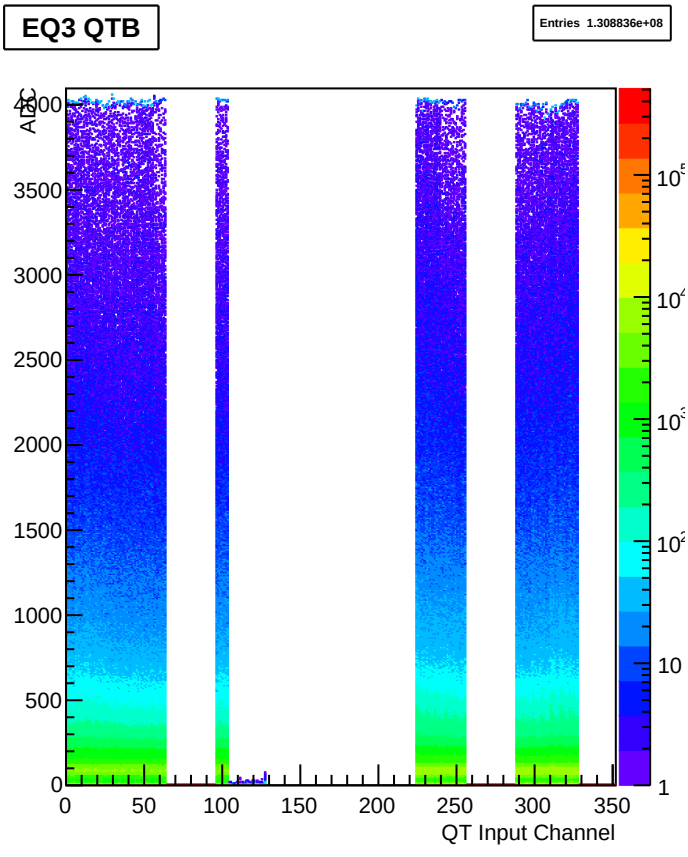

EQ1 QTC
Entries 4.908134e+07
TADC
QT Input Channel

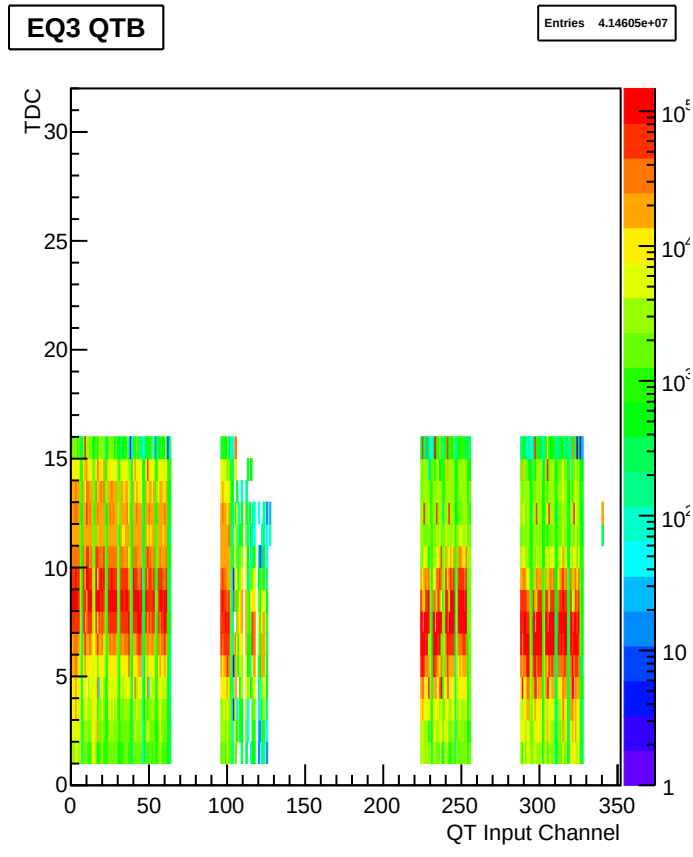

EQ2 QTB
Entries 1.47244e+08
ADC
QT Input Channel

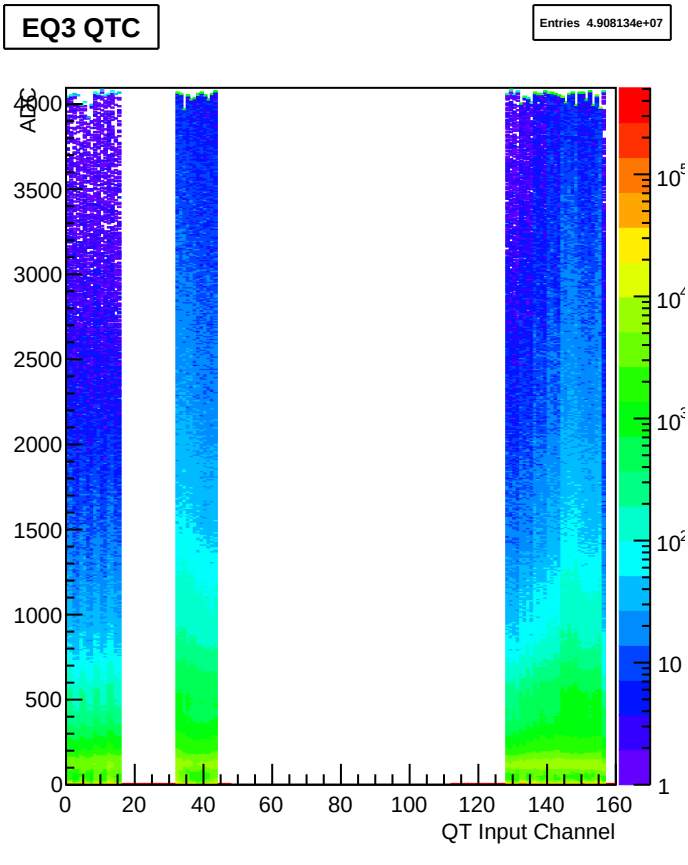

EQ2 QTB
Entries 5.019155e+07
TDC
QT Input Channel

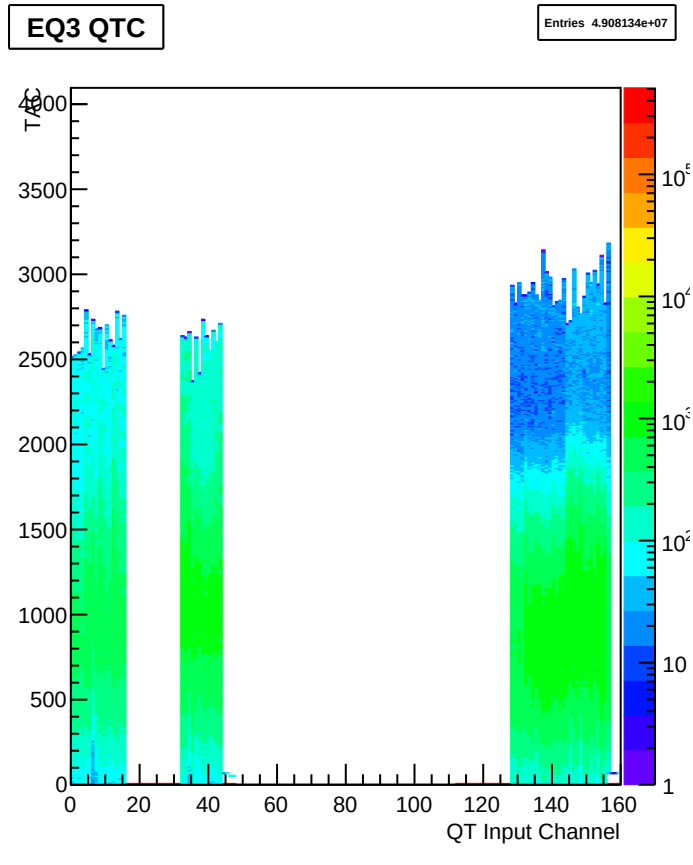

EQ2 QTC
Entries 4.908134e+07
ADC
QT Input Channel

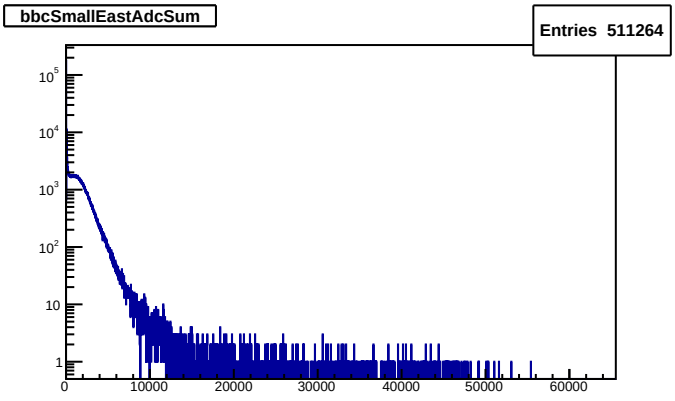

EQ2 QTC
Entries 4.908134e+07
TADC
QT Input Channel

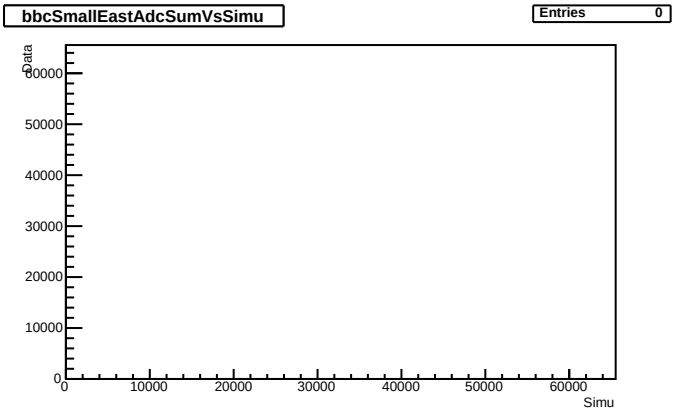

EQ3 QTB
Entries 1.308836e+08
ADC
QT Input Channel

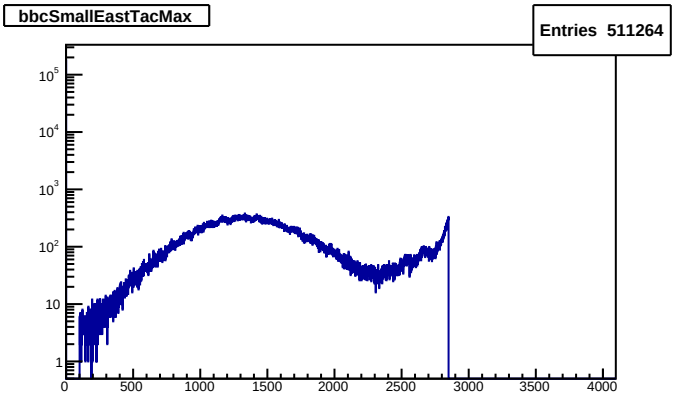

EQ3 QTB
Entries 4.14605e+07
TDC
QT Input Channel

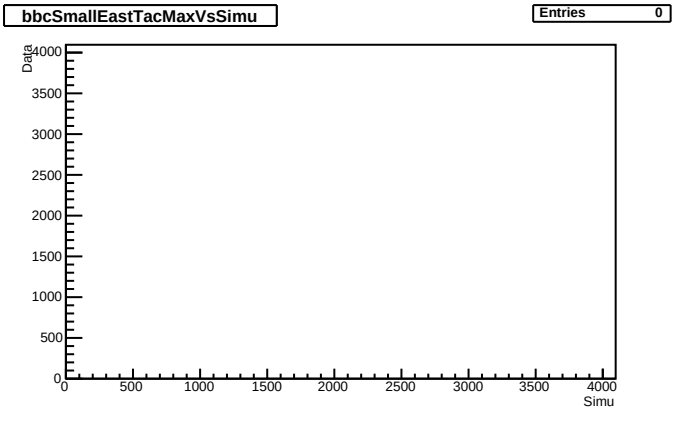

EQ3 QTC
Entries 4.908134e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.908134e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 511264


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 511264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Entries 0
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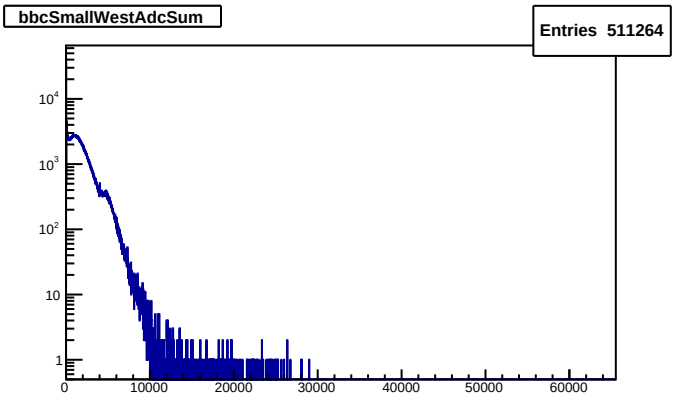
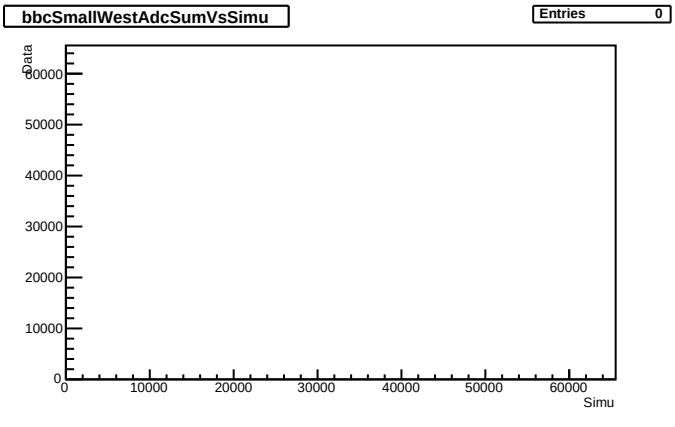
Simu


bbcSmallWestAdcSum
Entries 511264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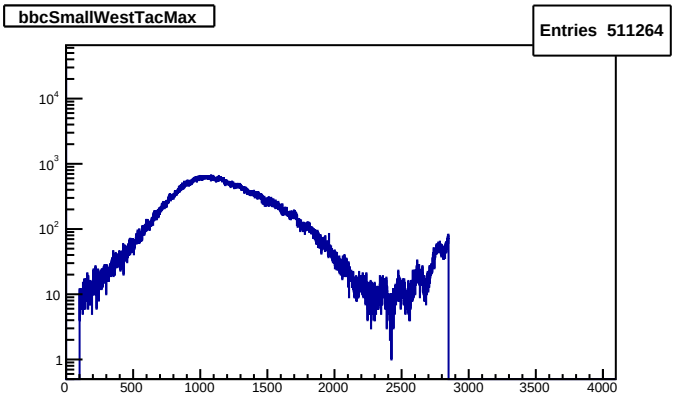
Entries 0
Data
Simu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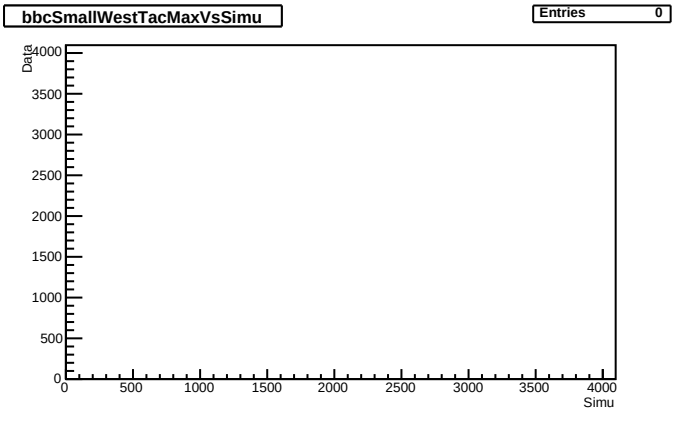
Entries 511264


bbcSmallWestTacMaxVsSimu
Entries 0
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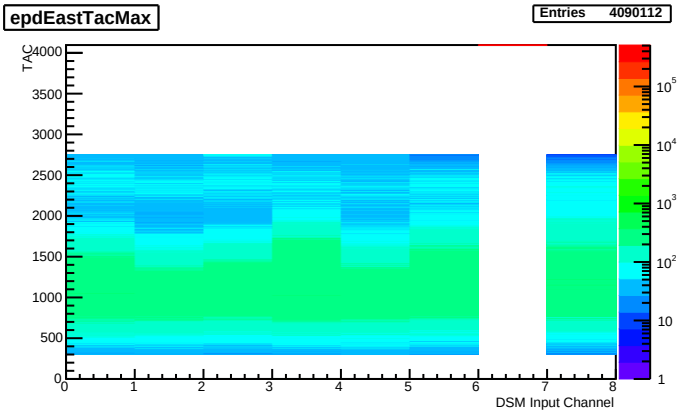
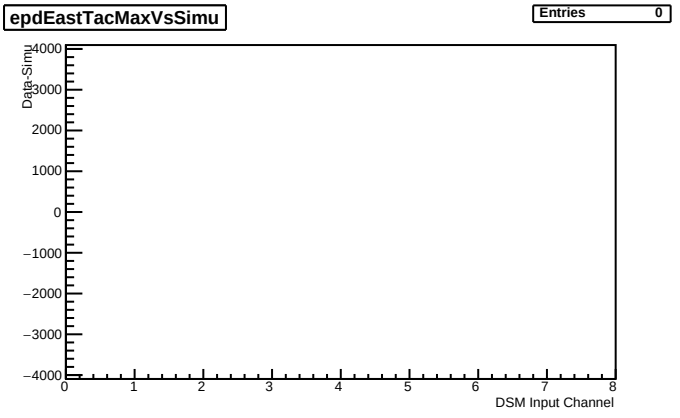
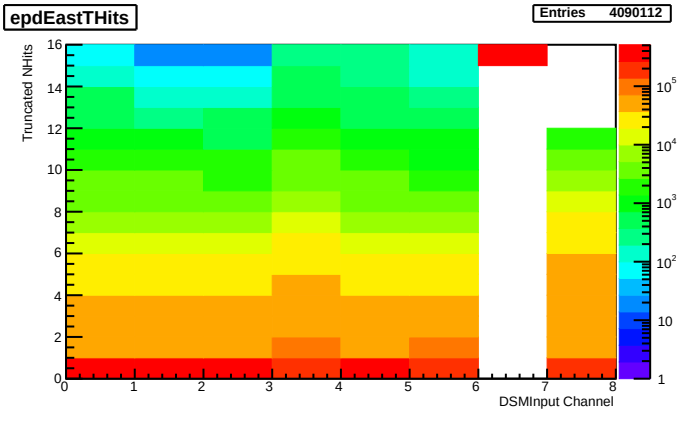
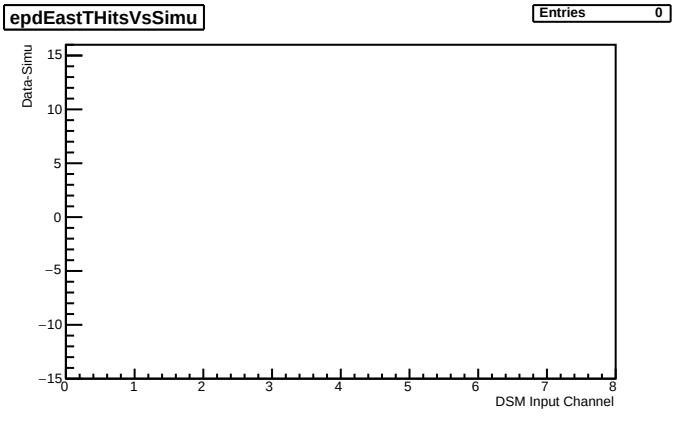
Simu


epdEastTacMax
Entries 4090112
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4090112
Truncated NHits
DSMInput Channel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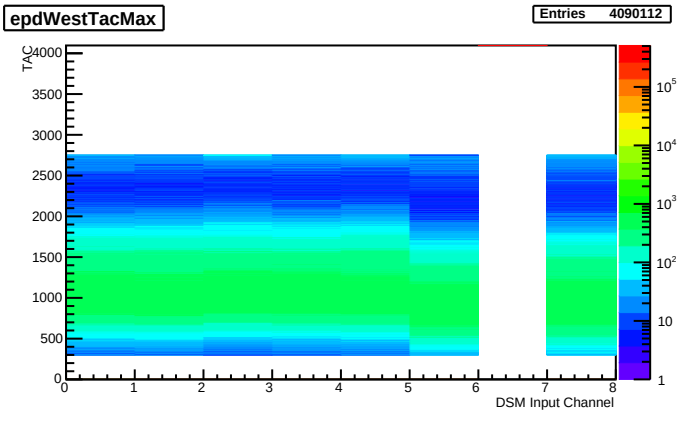
Data-Simu
DSM Input Channel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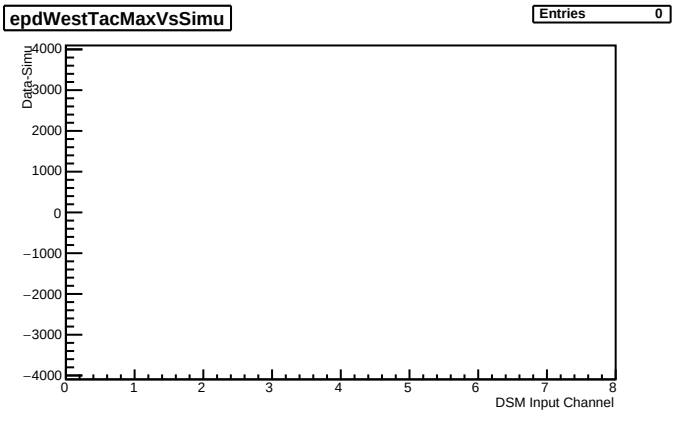
DSM Input Channel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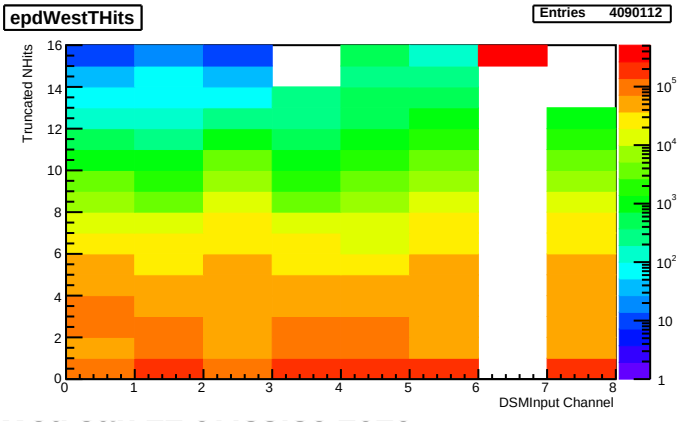
Entries 0
Data-Simu
DSM Input Channel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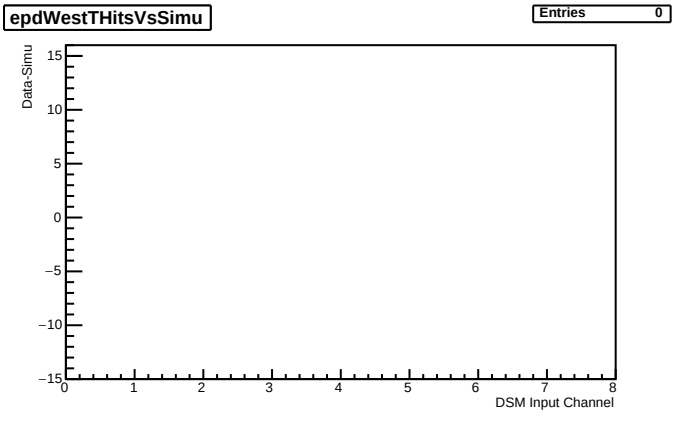
Entries 4090112
Truncated NHits
DSMInput Channel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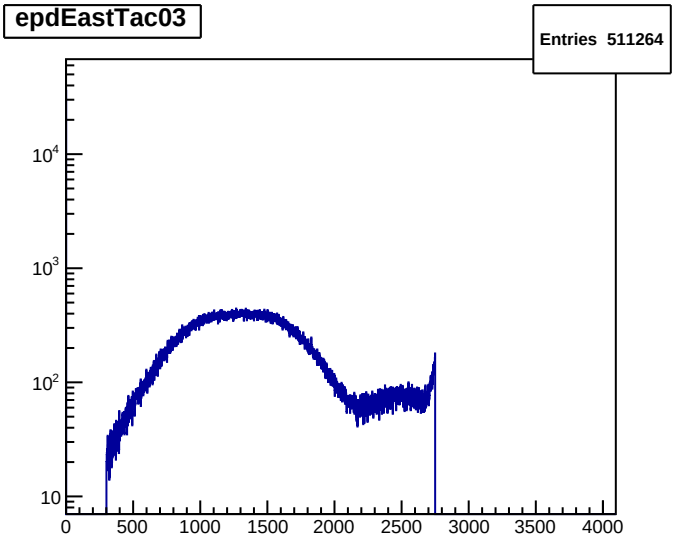
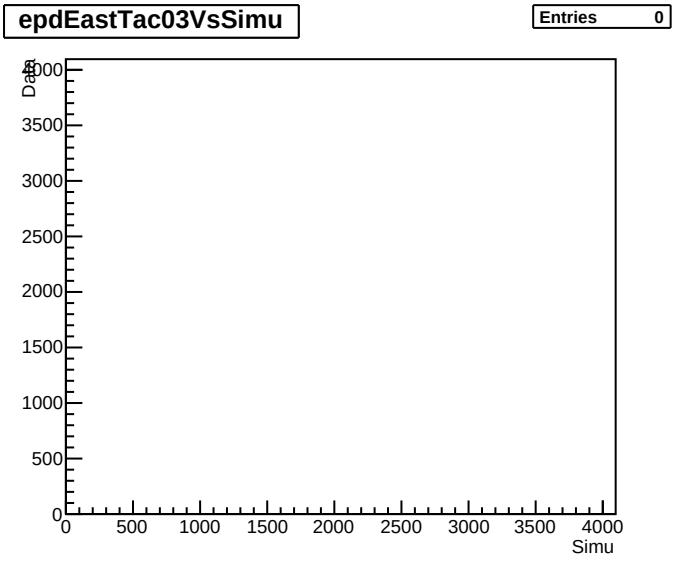
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 511264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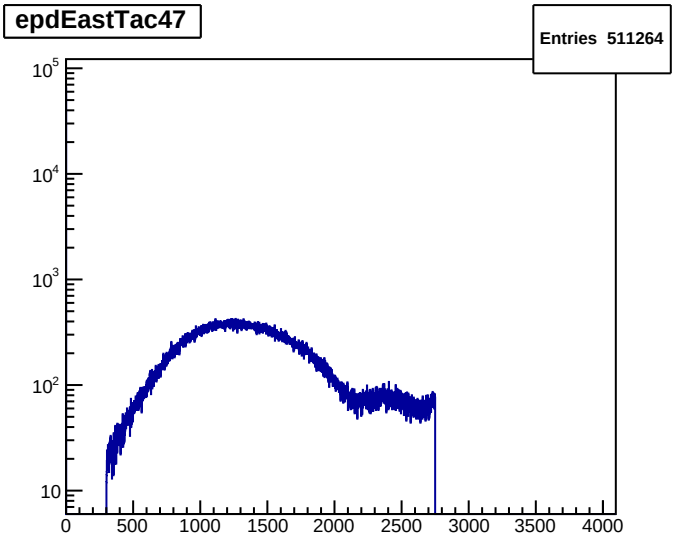
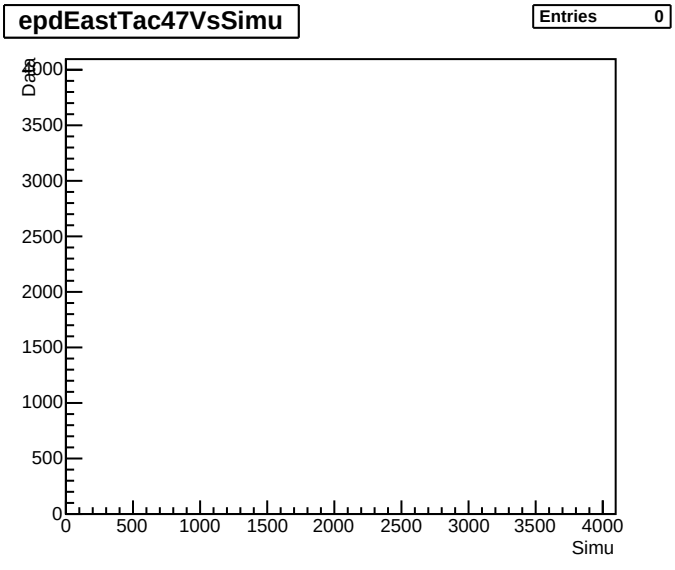
Entries 0
Data
Simu


epdEastTac47
Entries 511264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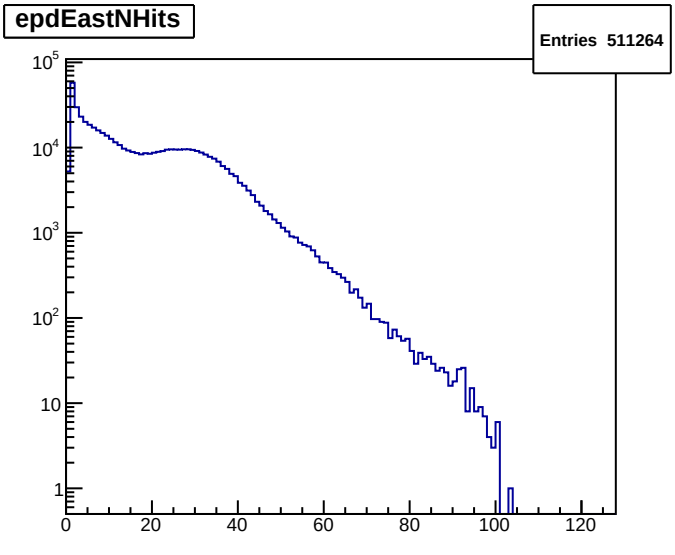
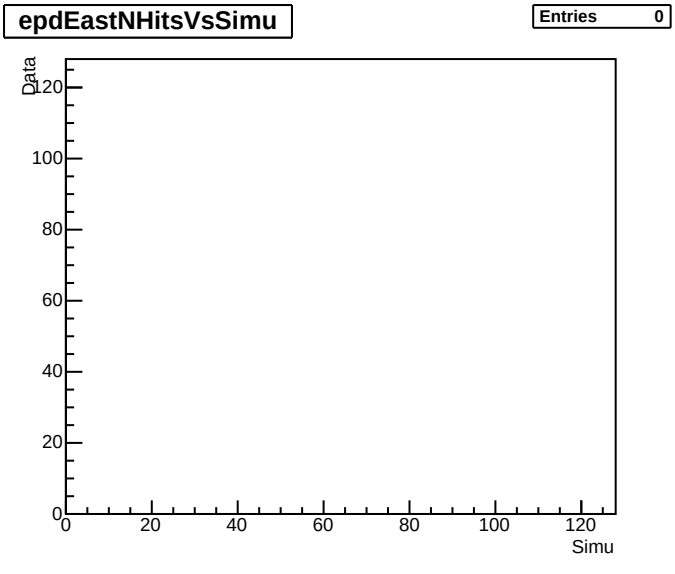
Entries 0
Data
Simu


epdEastNHits
Entries 511264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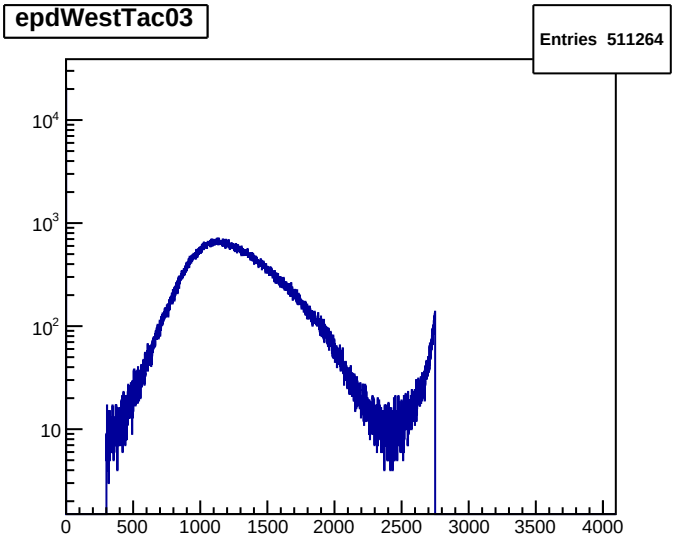
Entries 0
Data
Simu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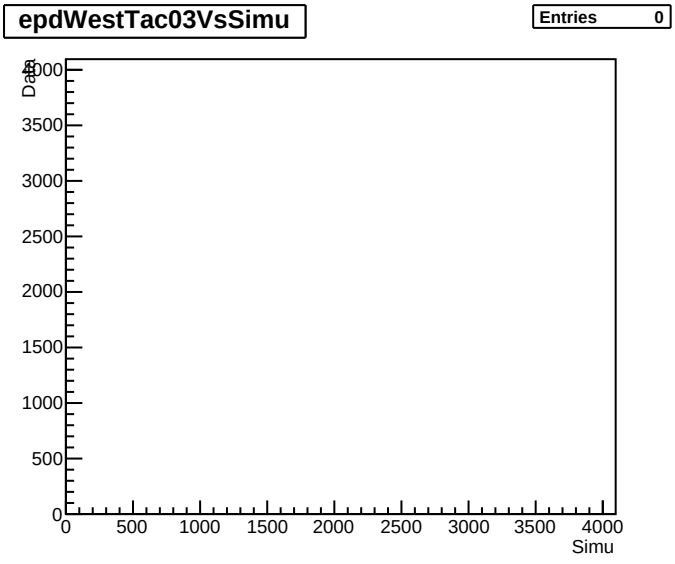
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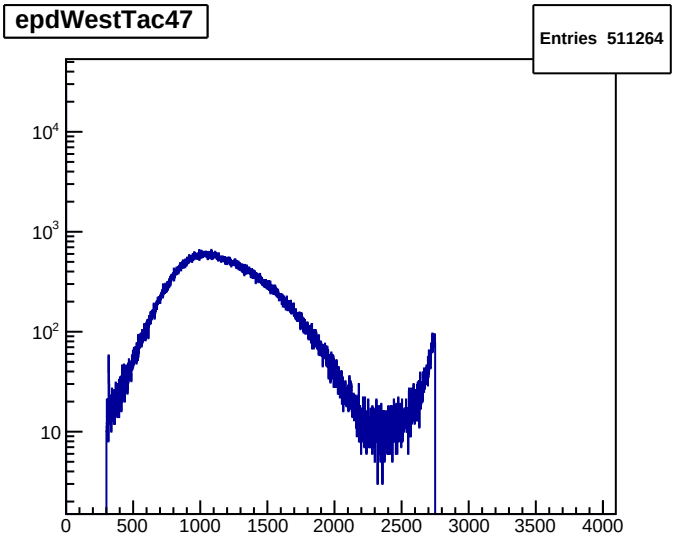
Simu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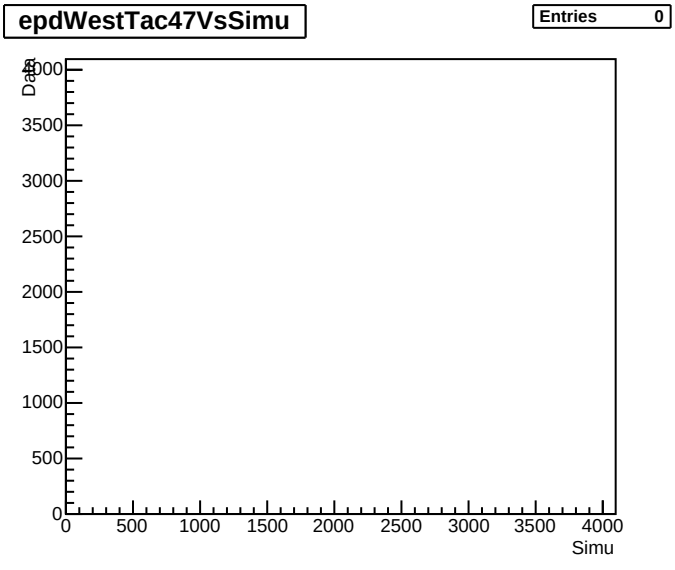
Entries 511264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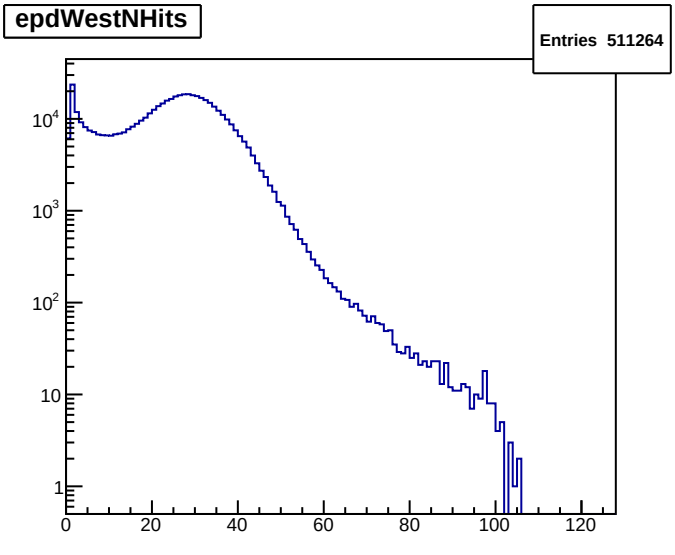
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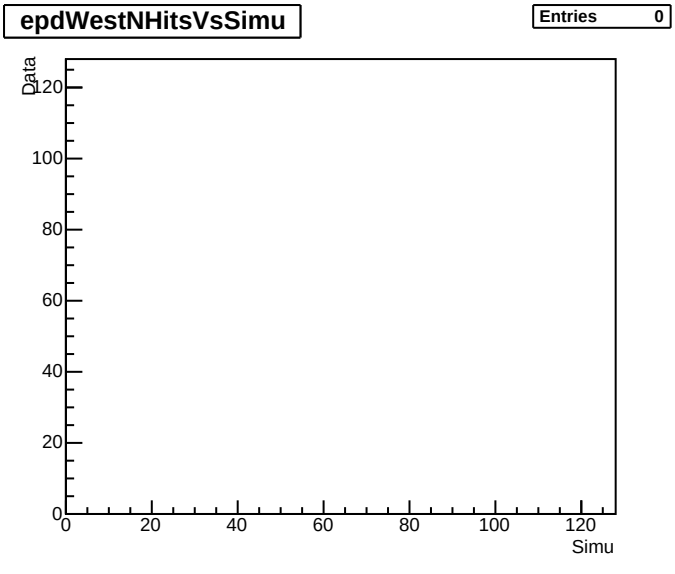
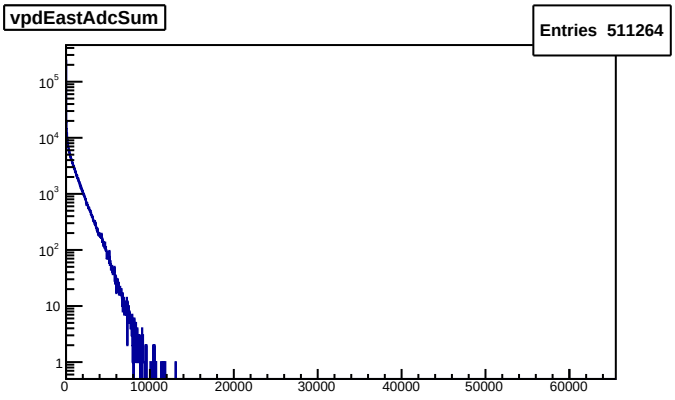
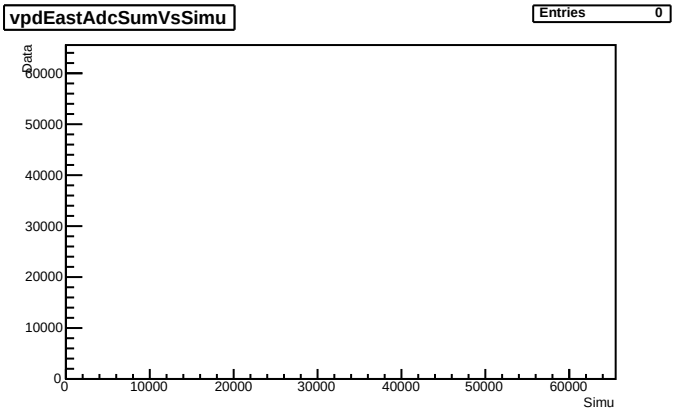
Entries 511264


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 511264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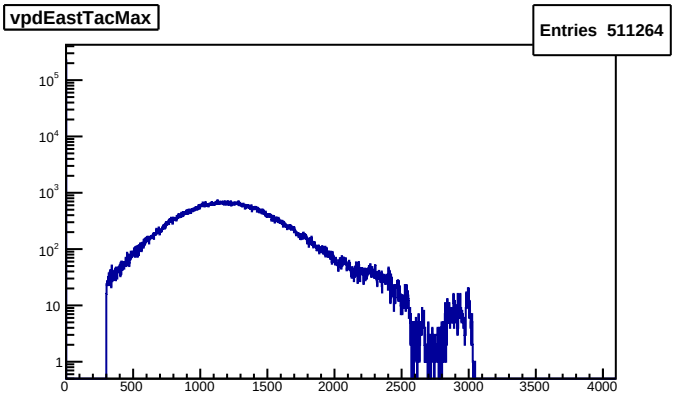
Entries 0
Data
Simu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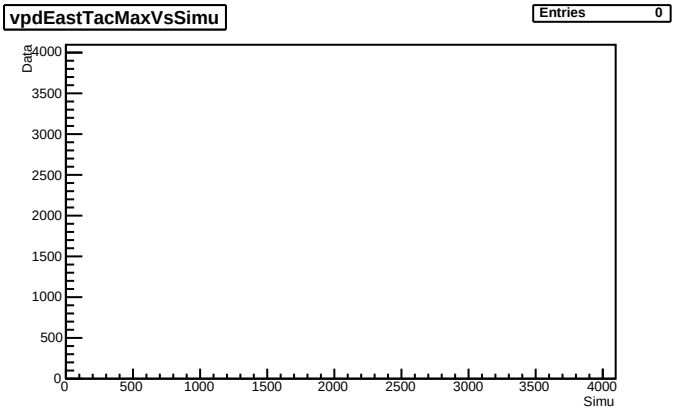
Entries 511264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Entries 0
Data
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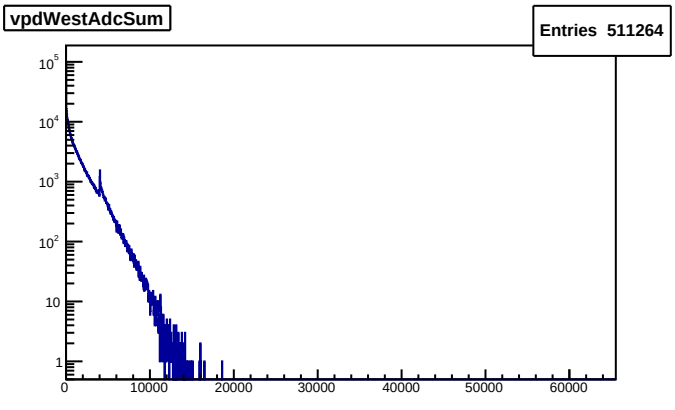
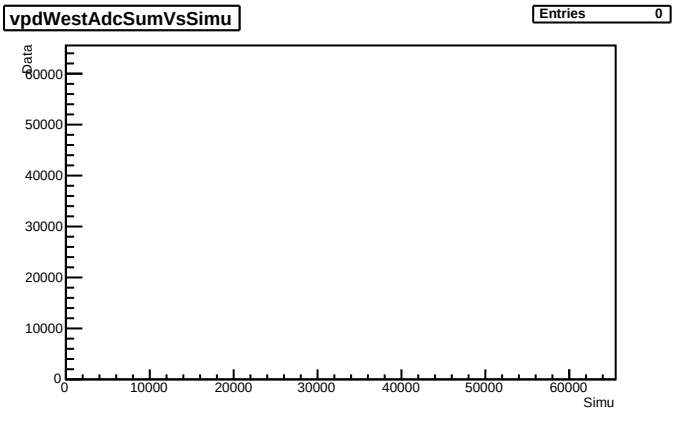

vpdWestAdcSum
Entries 511264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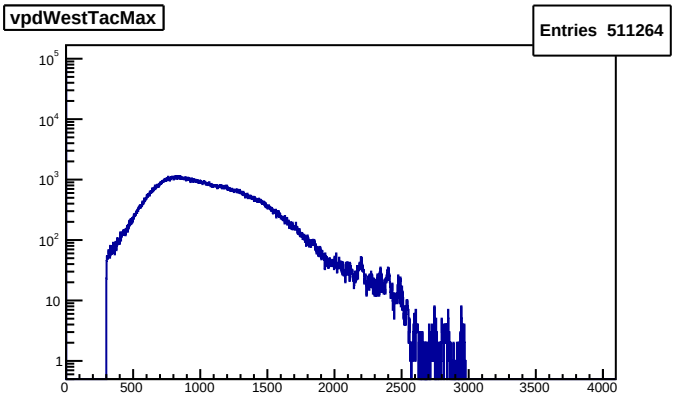
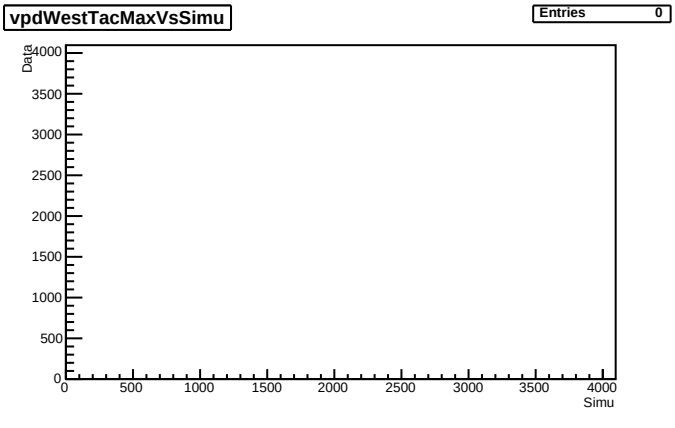
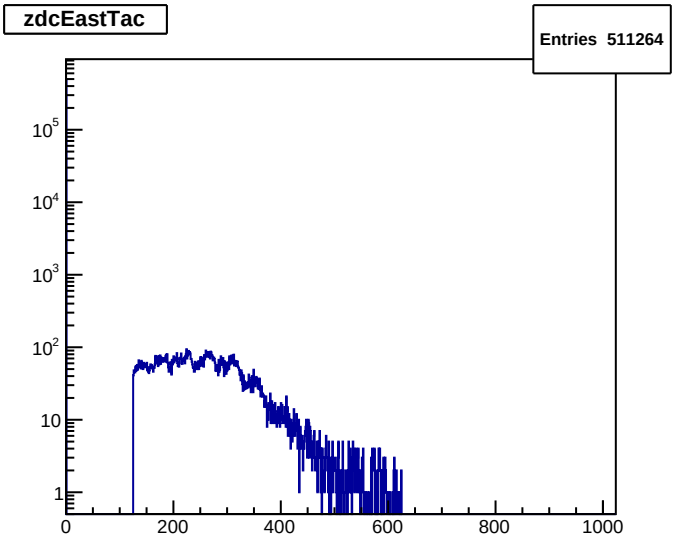
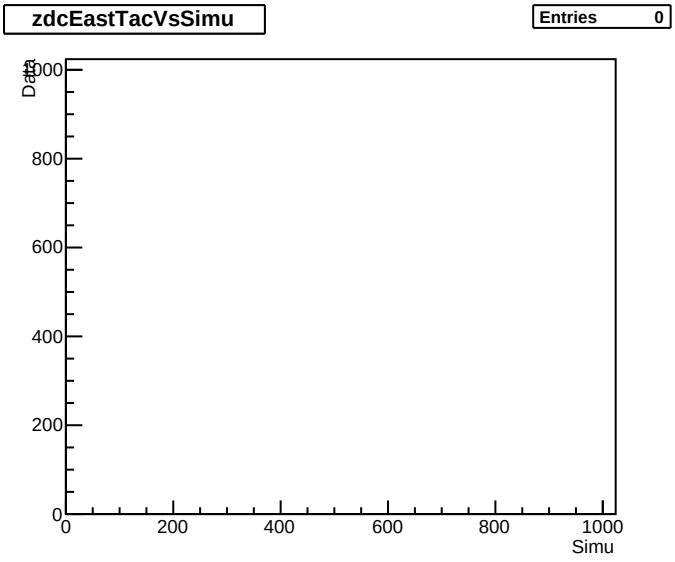
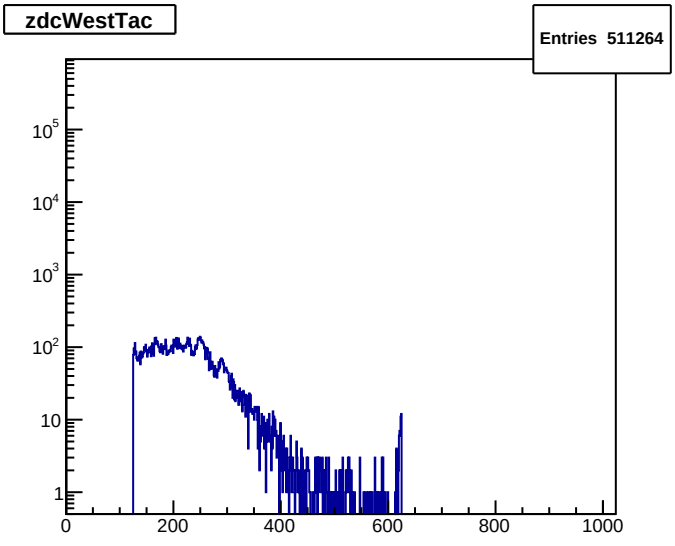
Entries 0
Data
Simu

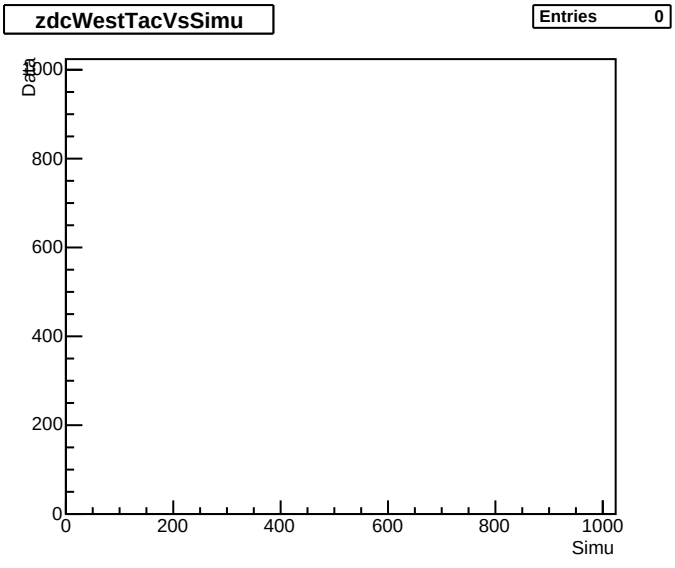

vpdWestTacMax
Entries 511264

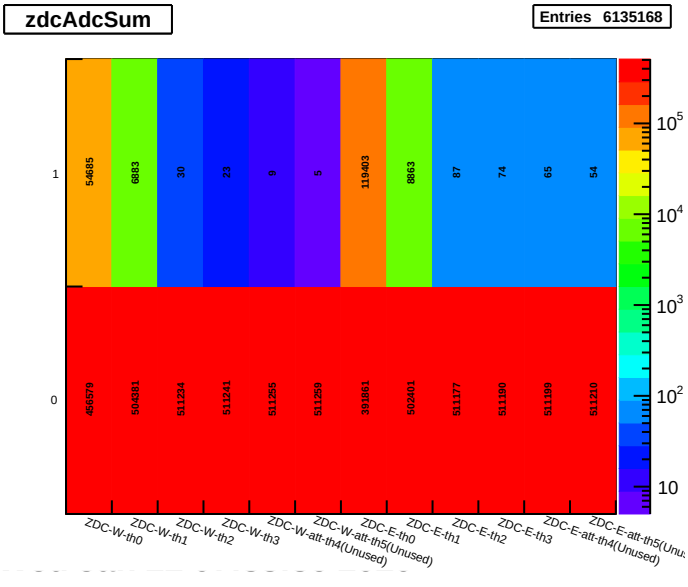

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 511264
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


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


zdcWestTac
Entries 511264
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


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


zdcAdcSum
Entries 6135168
1
0
54685
6883
30
23
9
5
119403
8863
87
74
65
54
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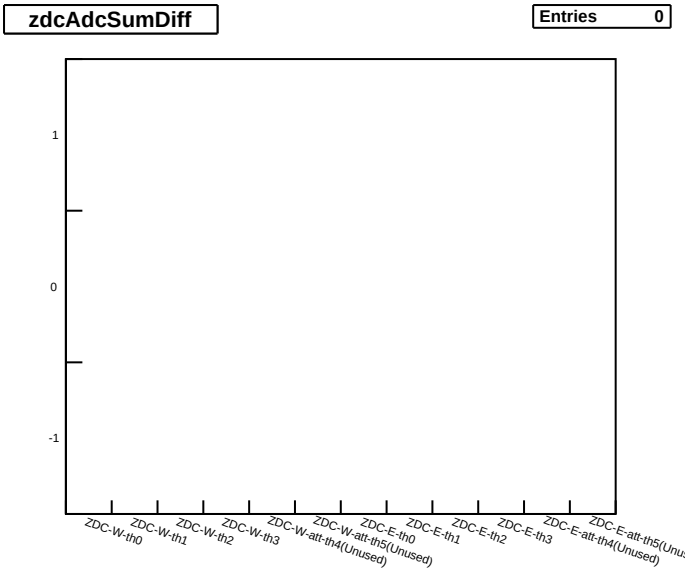
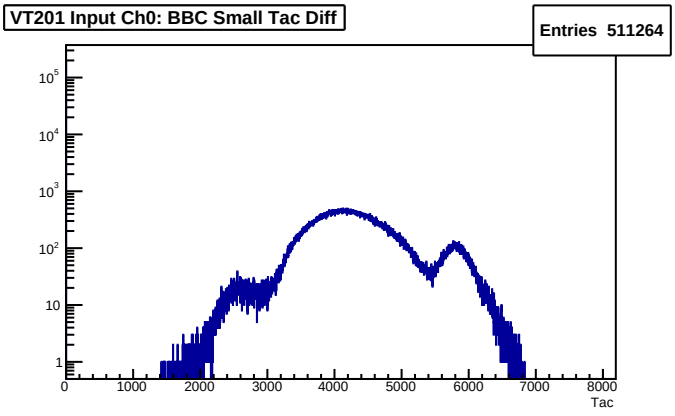
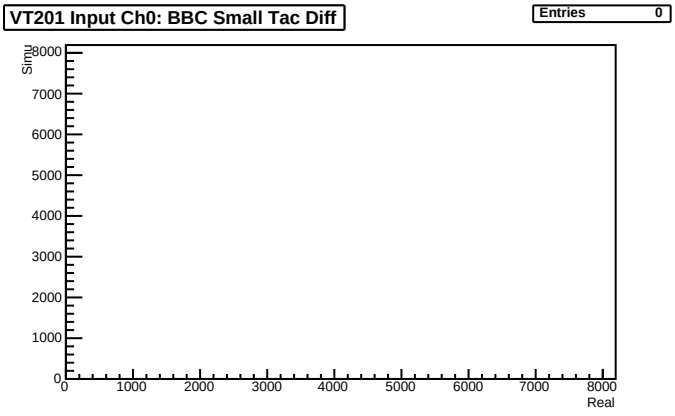
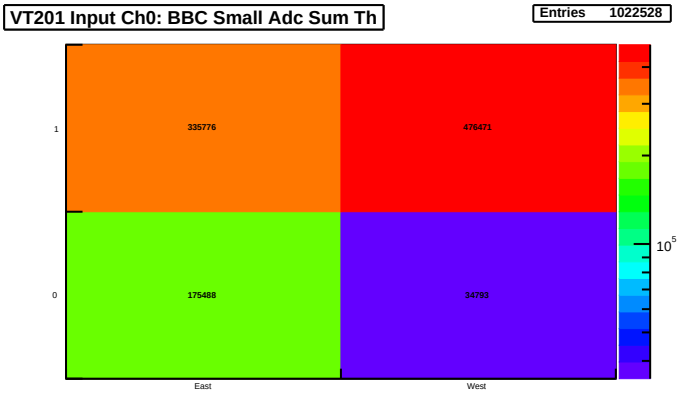
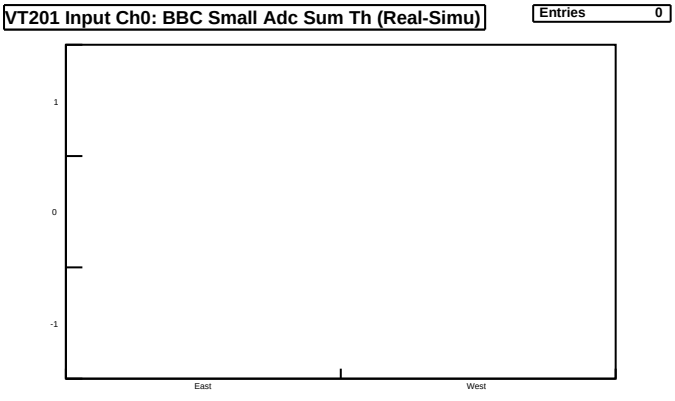
504381
511234
511241
511255
511259
391861
502401
511177
511190
511199
511210
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

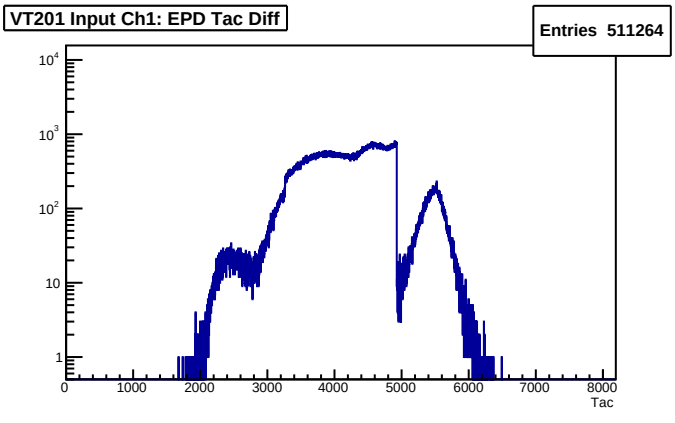

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

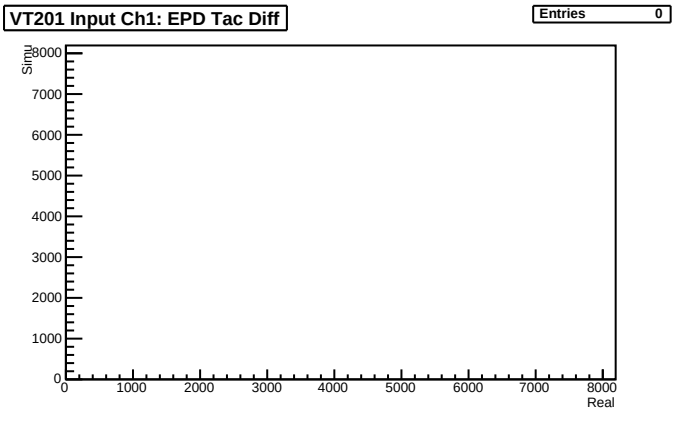

VT201 Input Ch0: BBC Small Tac Diff
Entries 511264
Tac

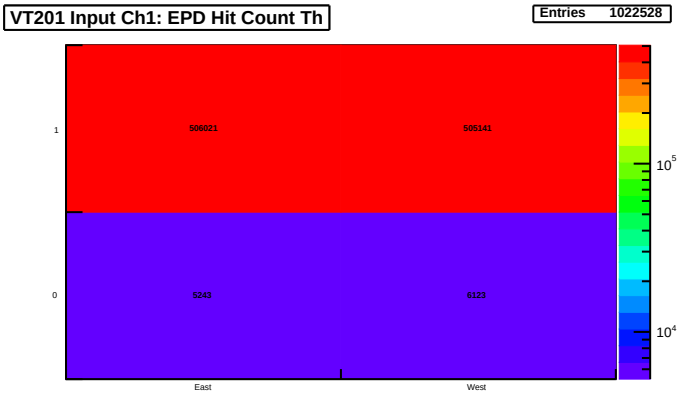

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

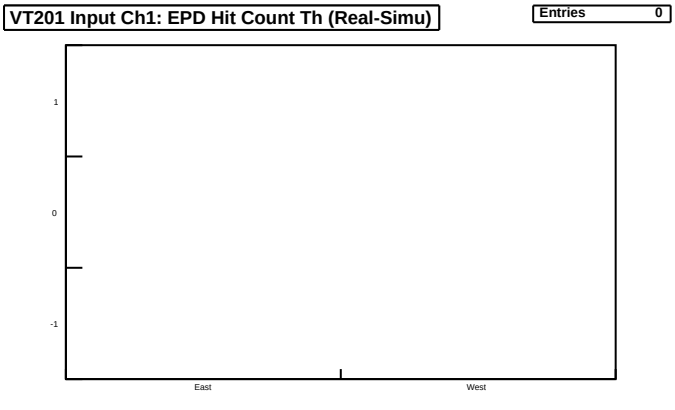

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1022528
335776
476471
175488
34793
East
West

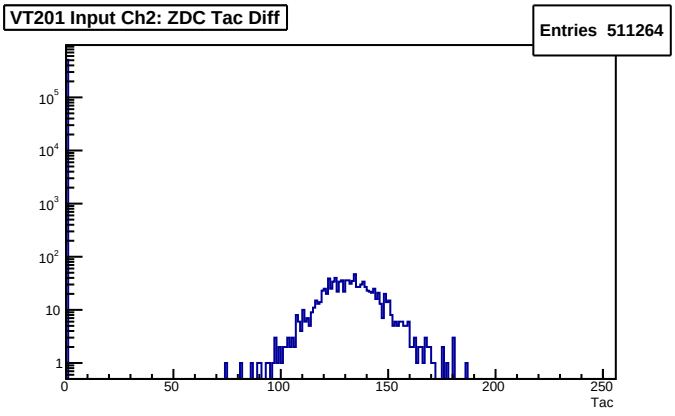

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

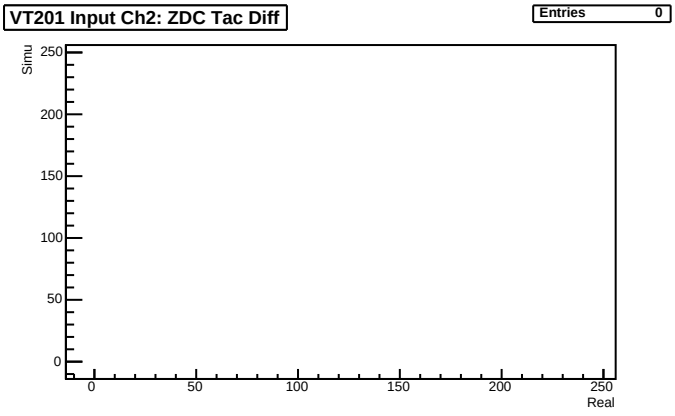

VT201 Input Ch1: EPD Tac Diff
Entries 511264
Tac

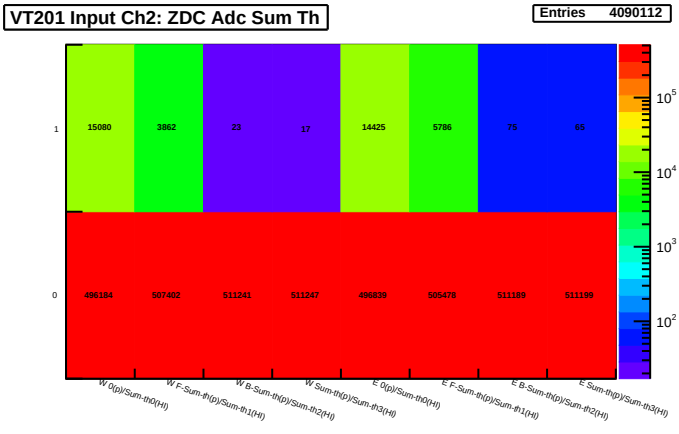

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

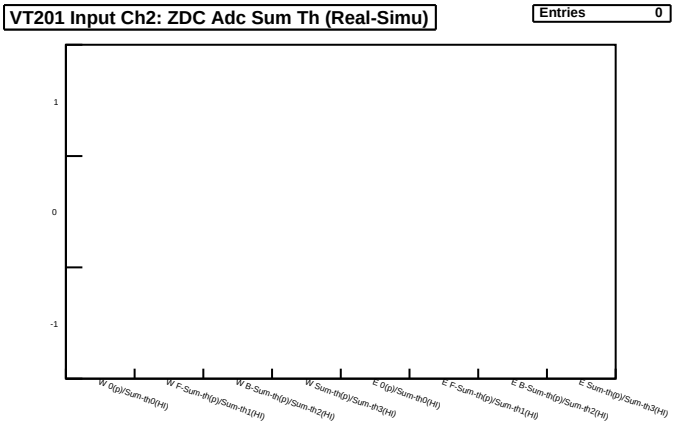

VT201 Input Ch1: EPD Hit Count Th
Entries 1022528
506021
505141
5243
6123
East
West

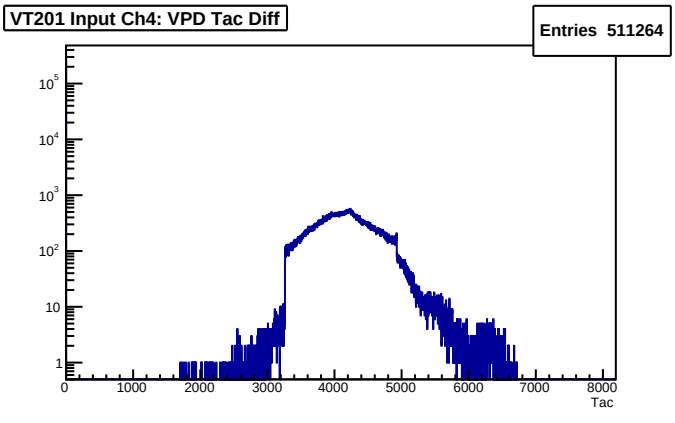

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

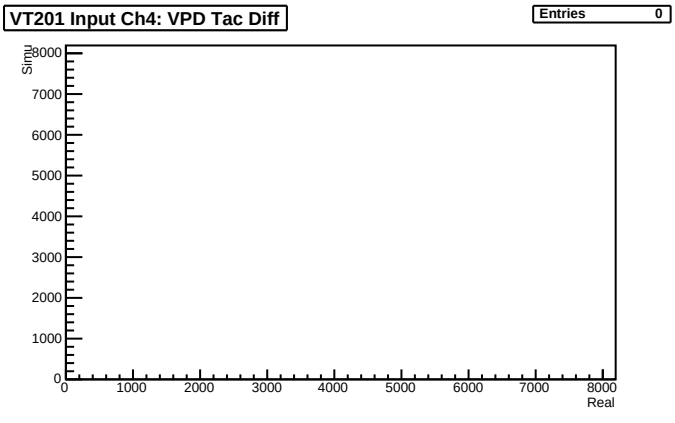

VT201 Input Ch2: ZDC Tac Diff
Entries 511264
Tac

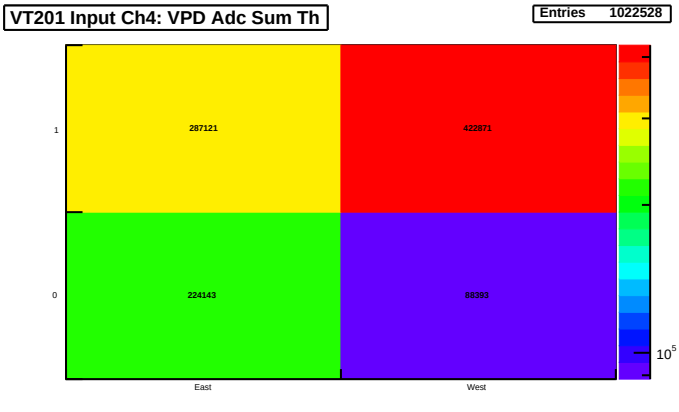

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

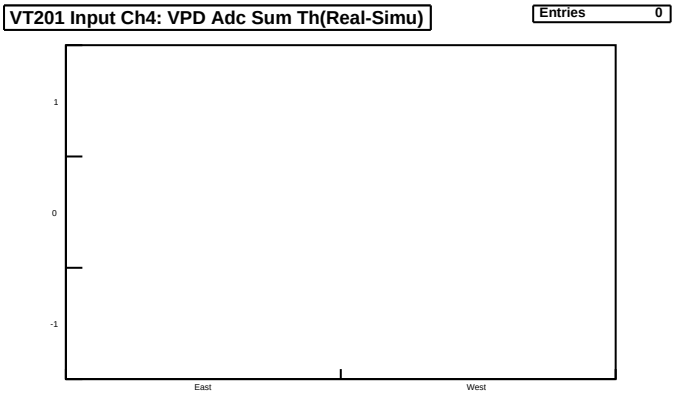

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4090112
15080
3862
23
17
14425
5786
75
65
496184
507402
511241
511247
496839
505478
511189
511199
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

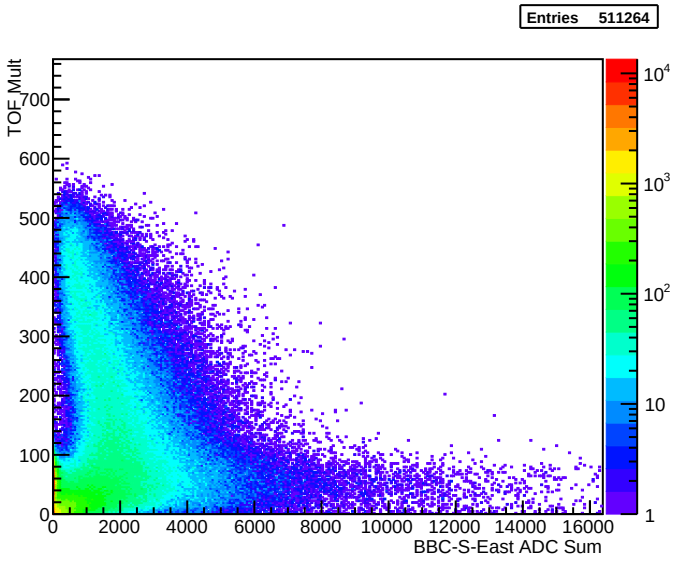

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

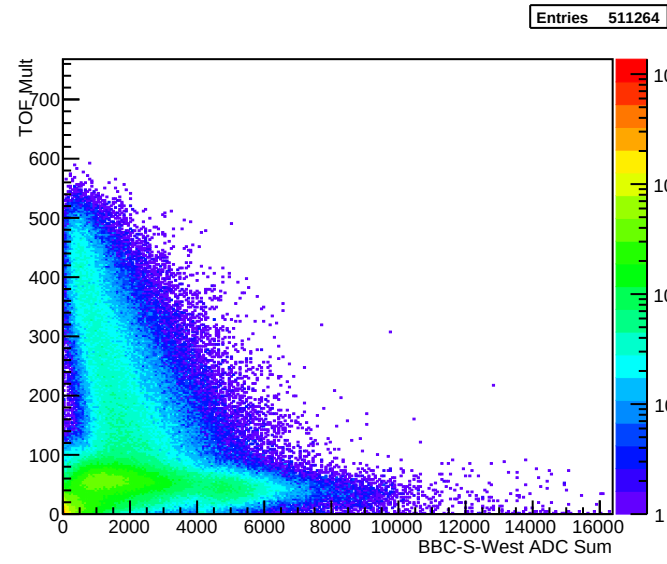

VT201 Input Ch4: VPD Tac Diff
Entries 511264
Tac

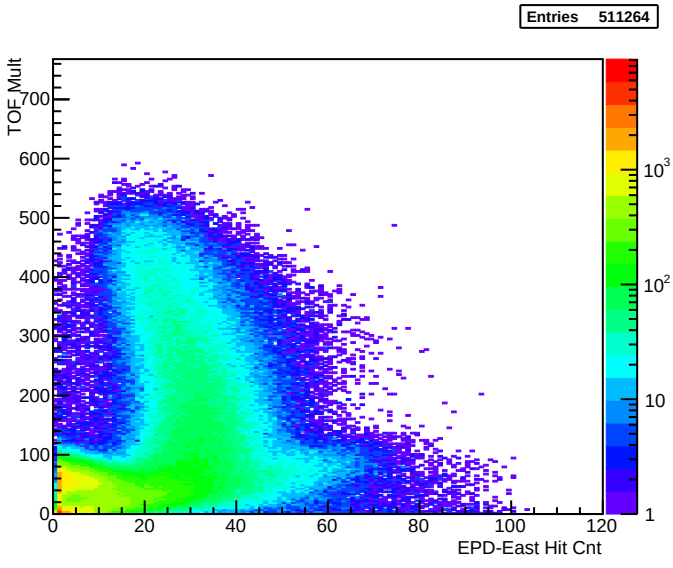

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

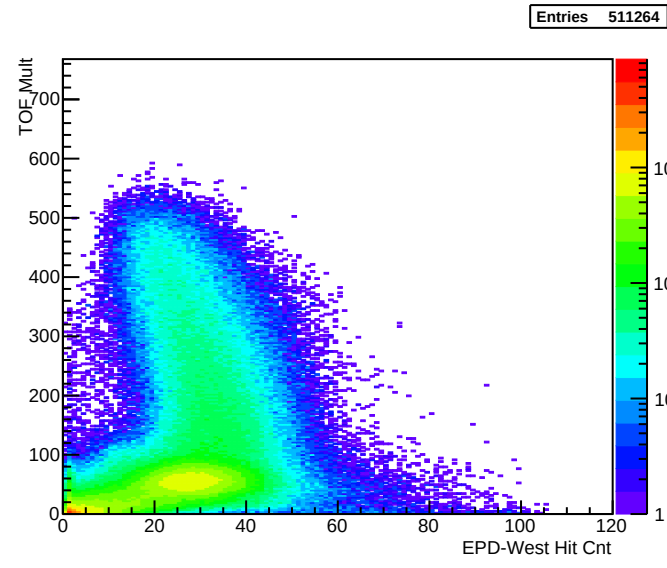

VT201 Input Ch4: VPD Adc Sum Th
Entries 1022528
287121
422871
224143
88393
East
West

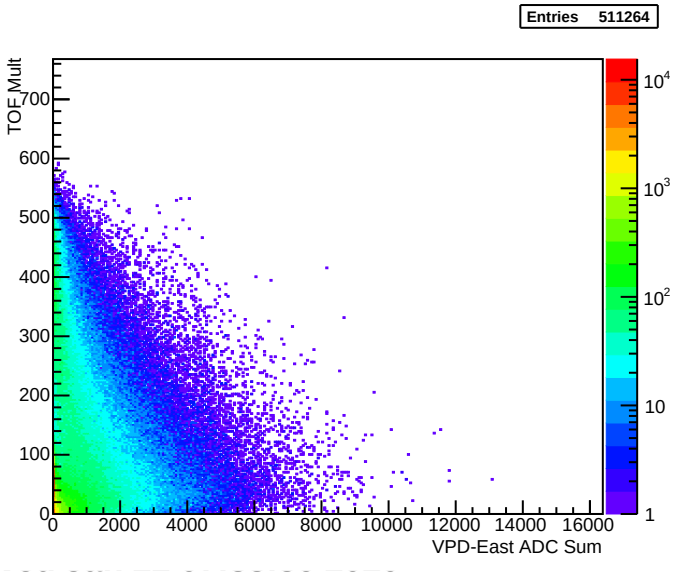

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

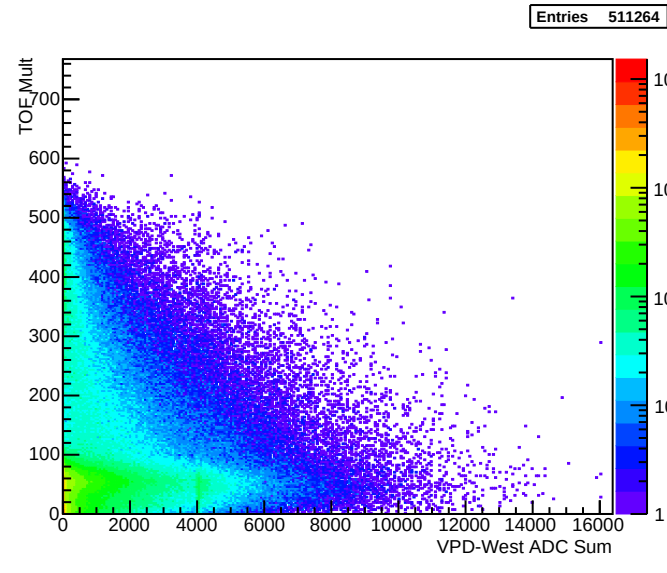

Entries 511264
TOF_Mult
BBC-S-East ADC Sum

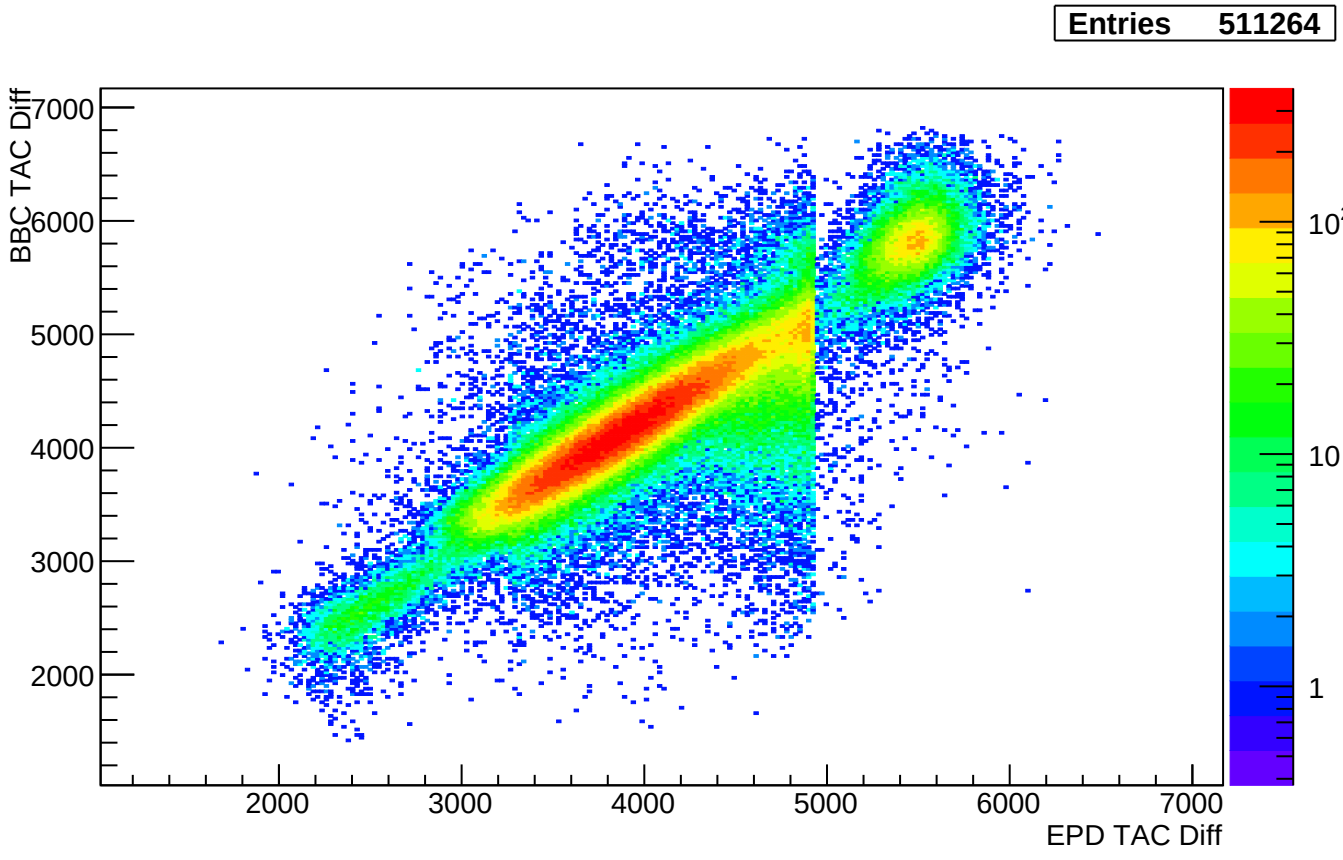

Entries 511264
TOF_Mult
BBC-S-West ADC Sum

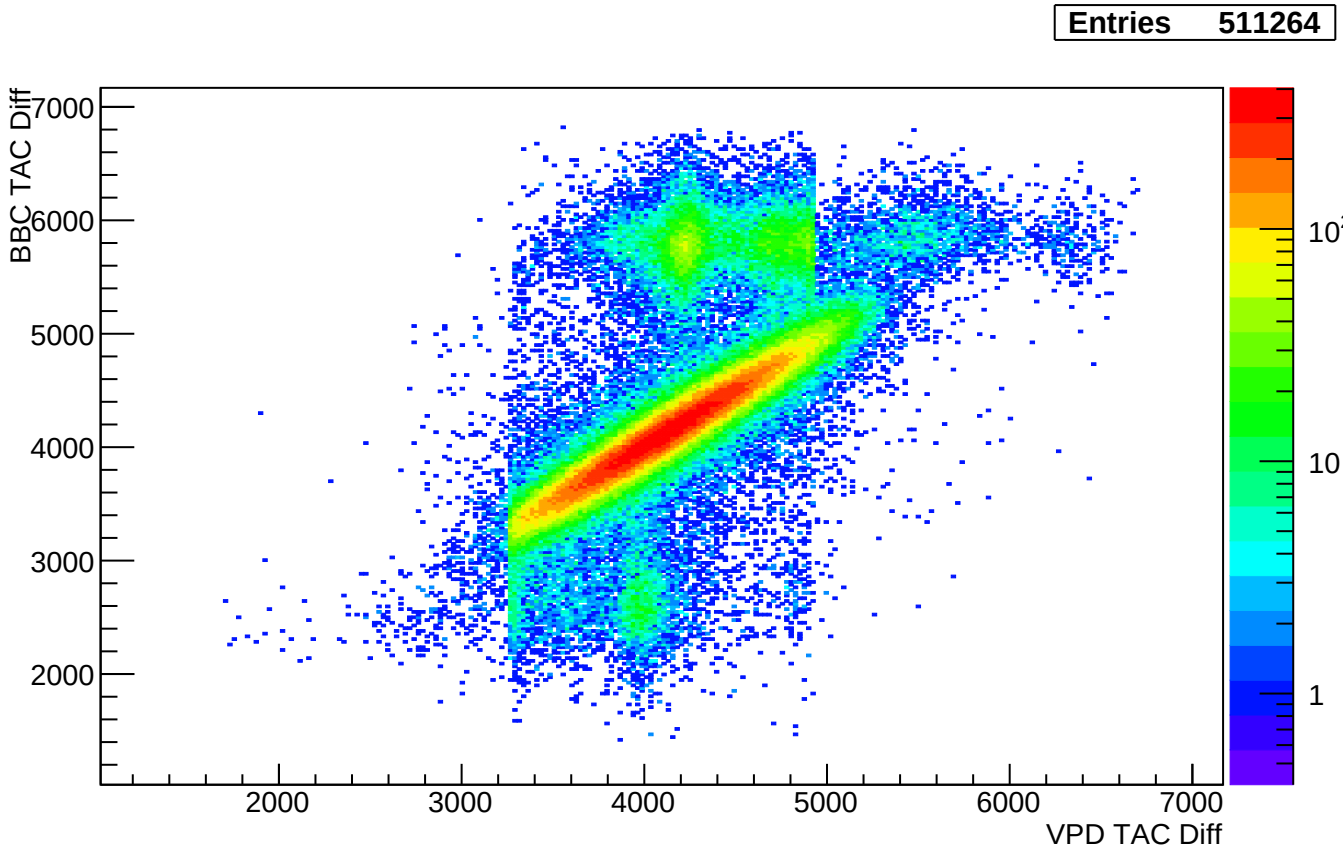

Entries 511264
TOF_Mult
EPD-East Hit Cnt

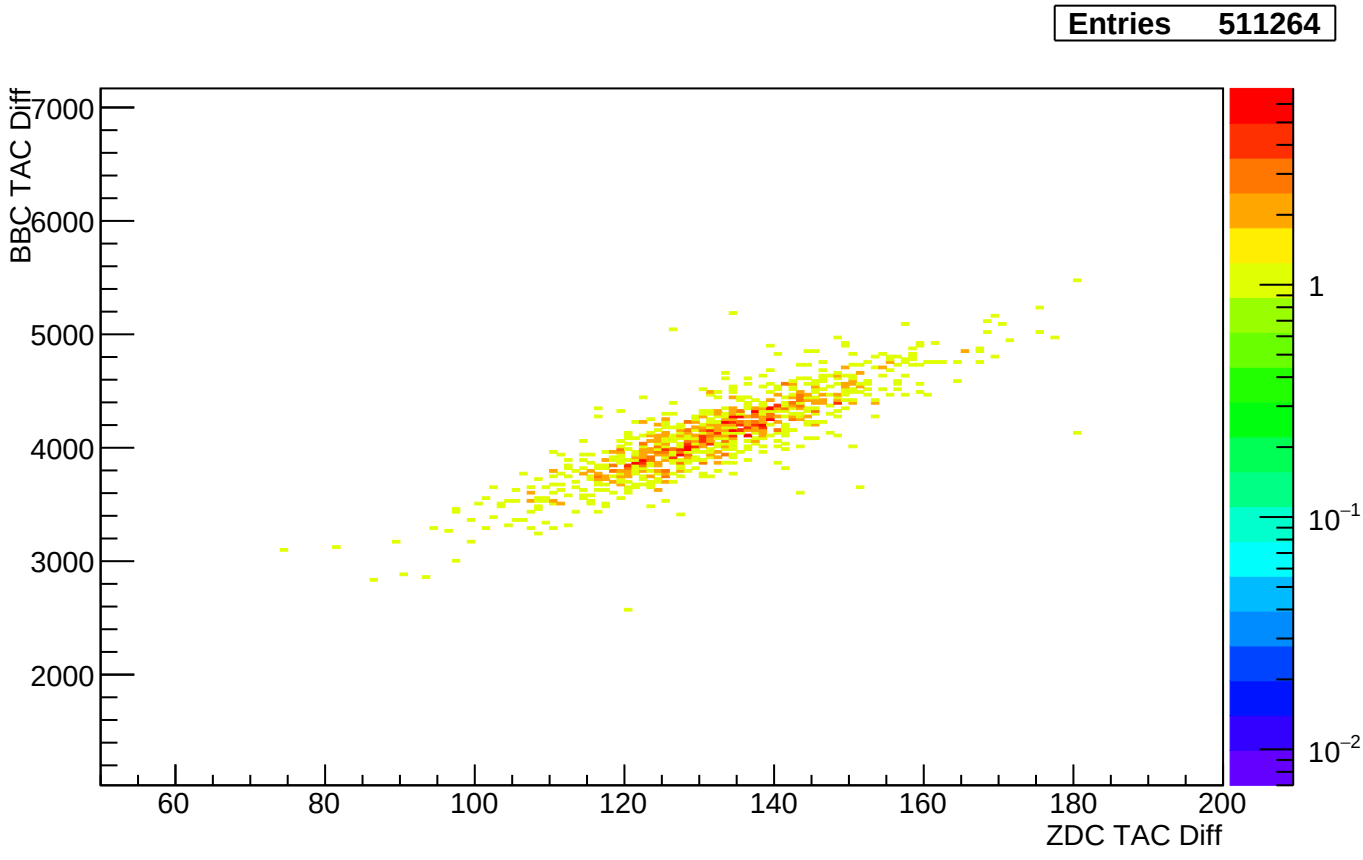

Entries 511264
TOF_Mult
EPD-West Hit Cnt

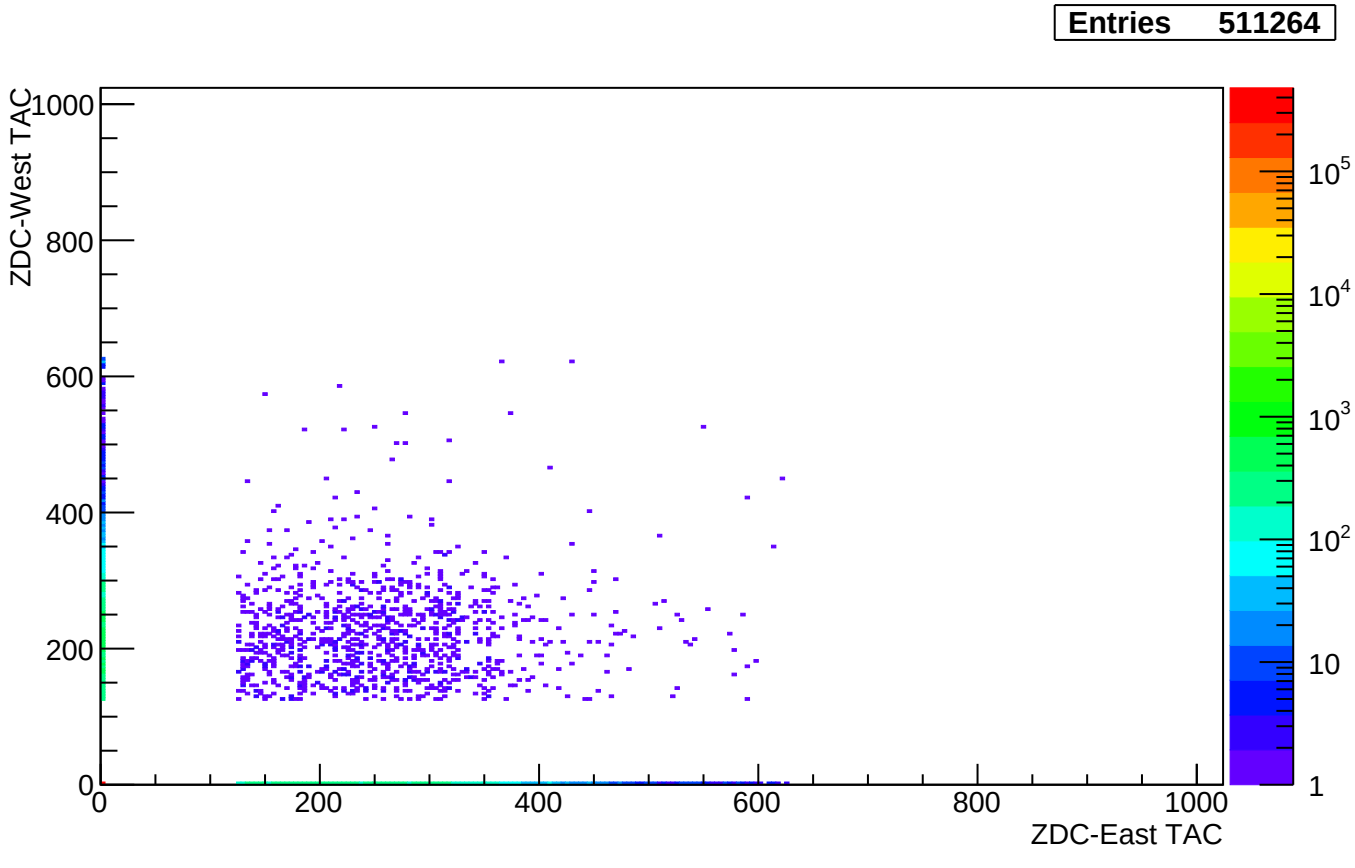

Entries 511264
TOF_Mult
VPD-East ADC Sum

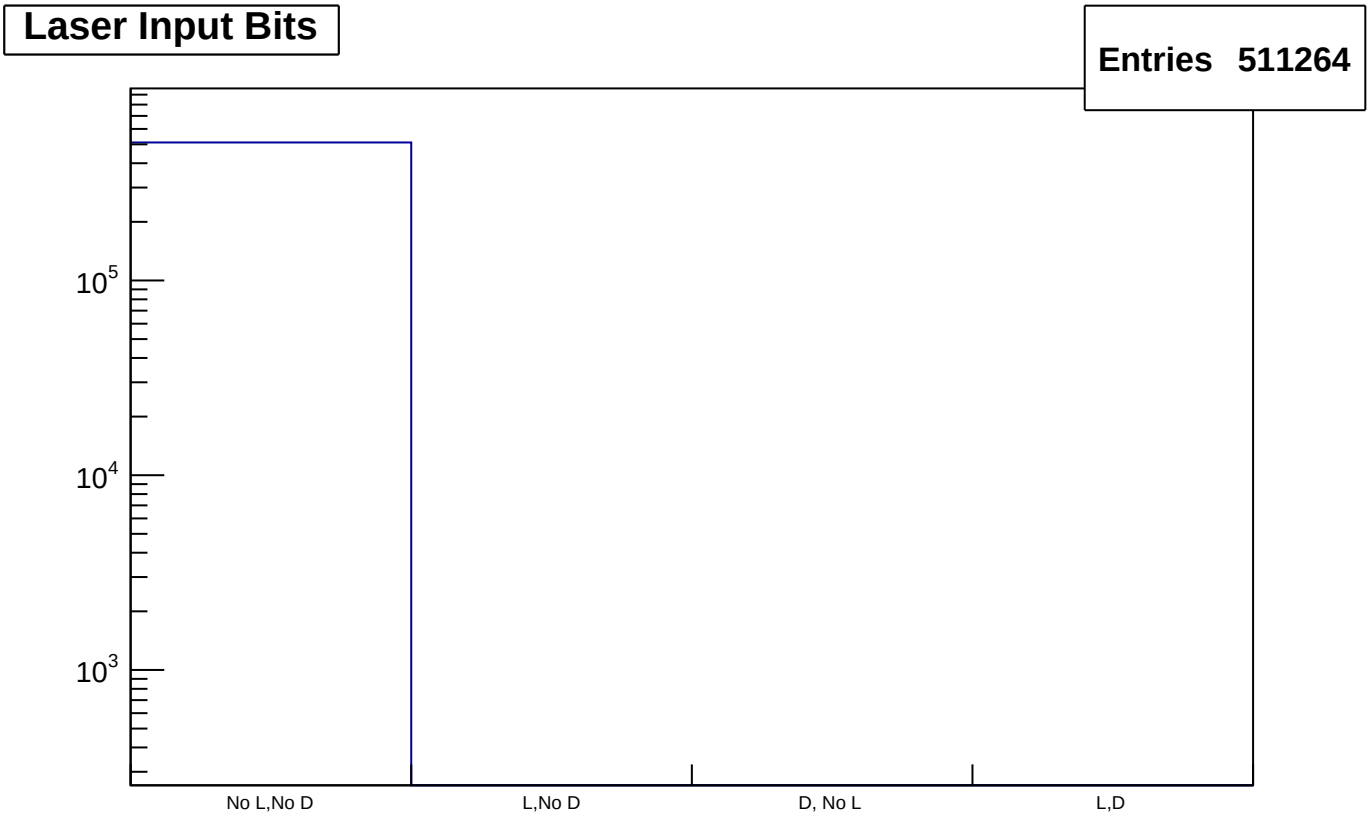

Entries 511264
TOF_Mult
VPD-West ADC Sum

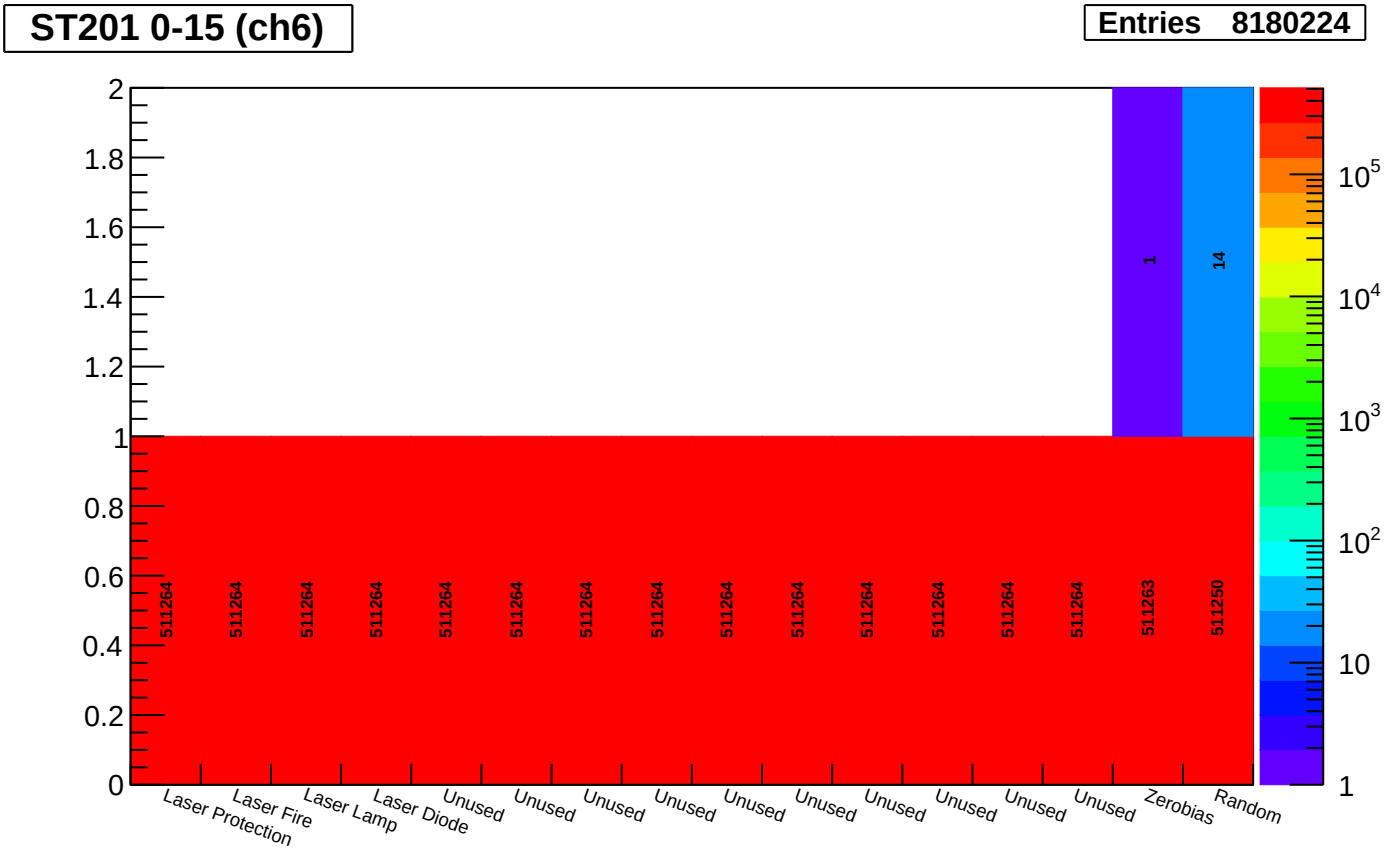

Entries 511264
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

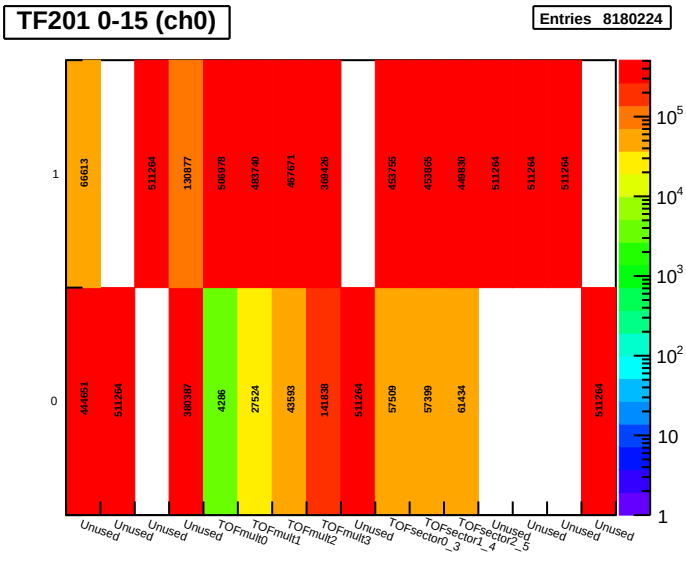

Entries 511264
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

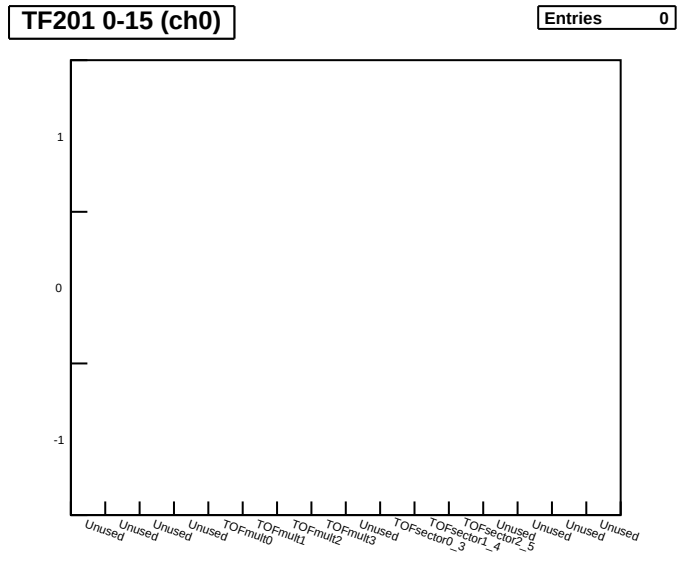

Entries 511264
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

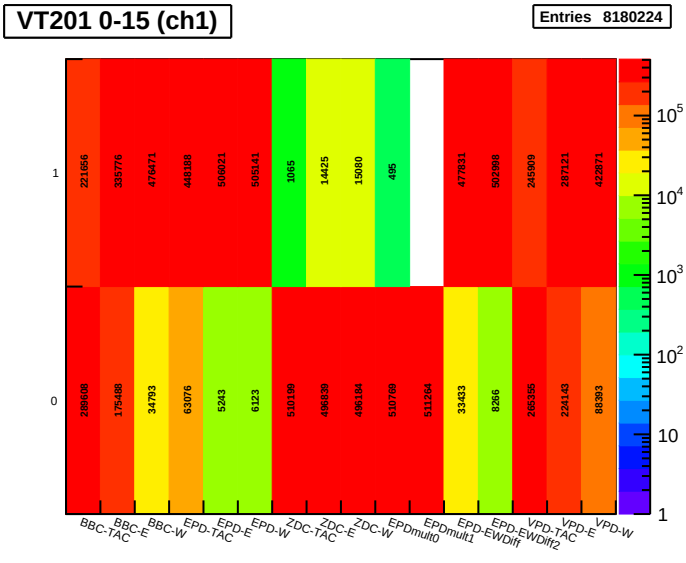

Entries 511264
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

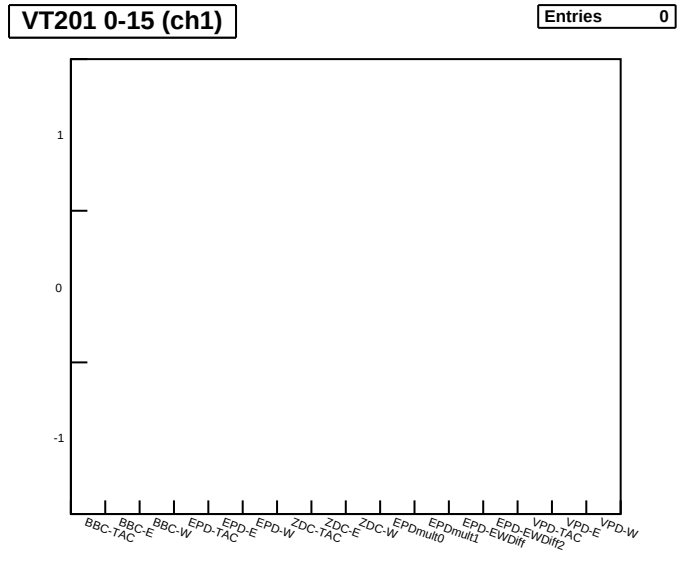

Laser Input Bits
Entries 511264
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

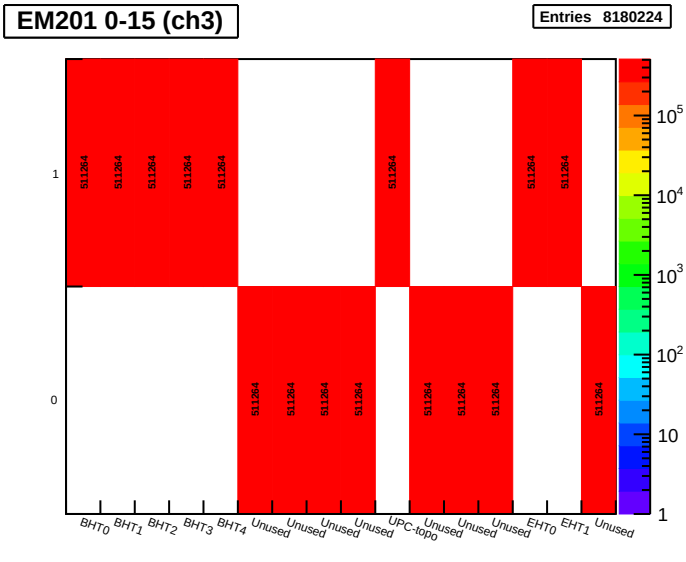

ST201 0-15 (ch6)
Entries 8180224
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
511264
511263
511250
1
14
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

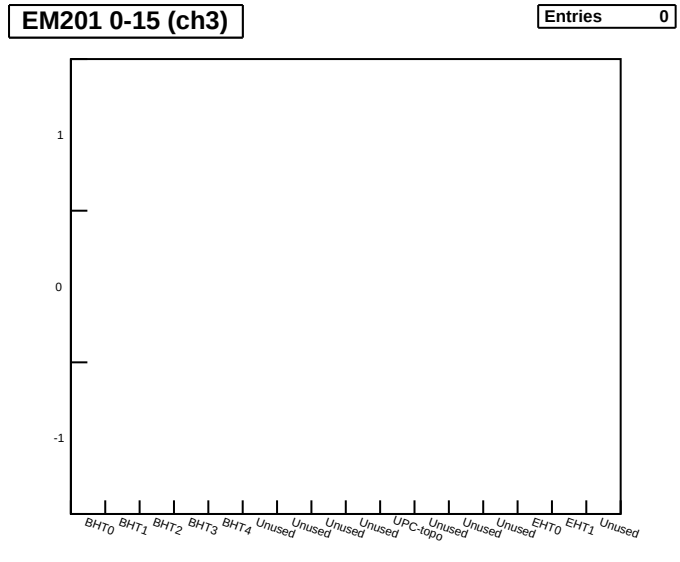

TF201 0-15 (ch0)
Entries 8180224
66613
511264
130877
506978
483740
467671
369426
453755
453865
449830
511264
511264
511264
444651
511264
380387
4286
27524
43593
141838
511264
57509
57399
61434
511264
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


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


VT201 0-15 (ch1)
Entries 8180224
221656
335776
476471
448188
506021
505141
1065
14425
15080
495
477831
502998
245909
287121
428871
289608
175488
34793
63076
5243
6123
510199
498839
496184
510769
511264
33433
8256
265355
224143
88393
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


VT201 0-15 (ch1)
Entries 0
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 8180224
511264
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1


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