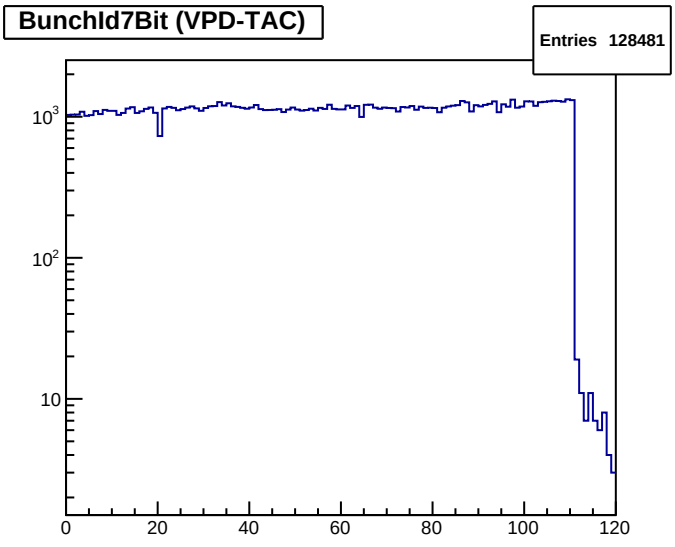
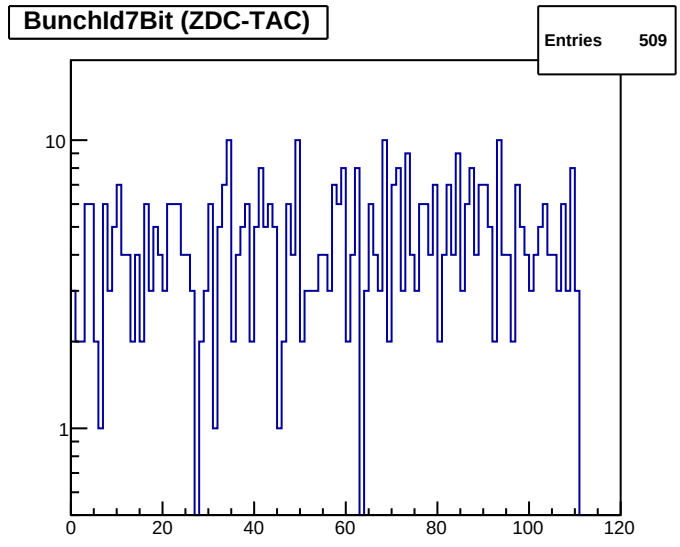
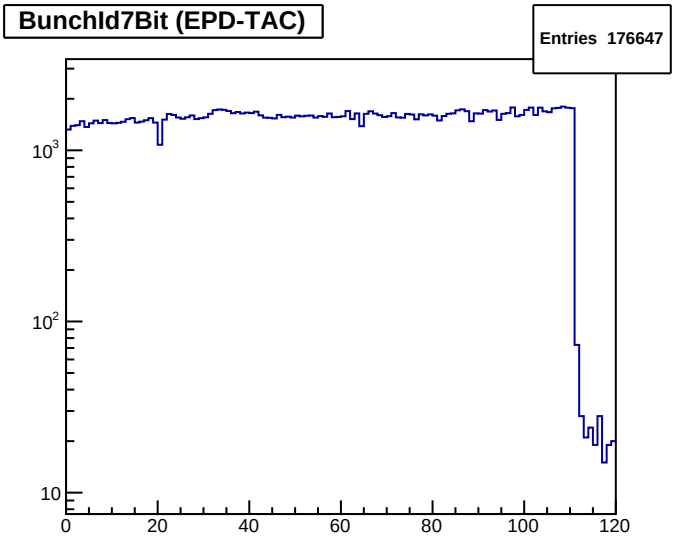
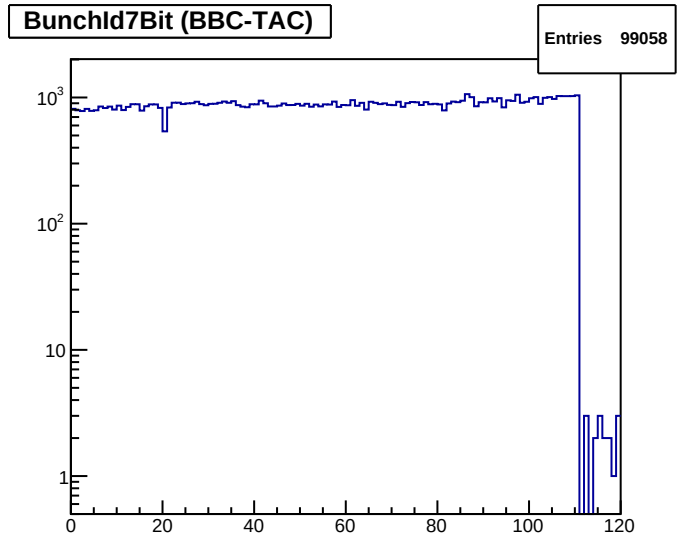
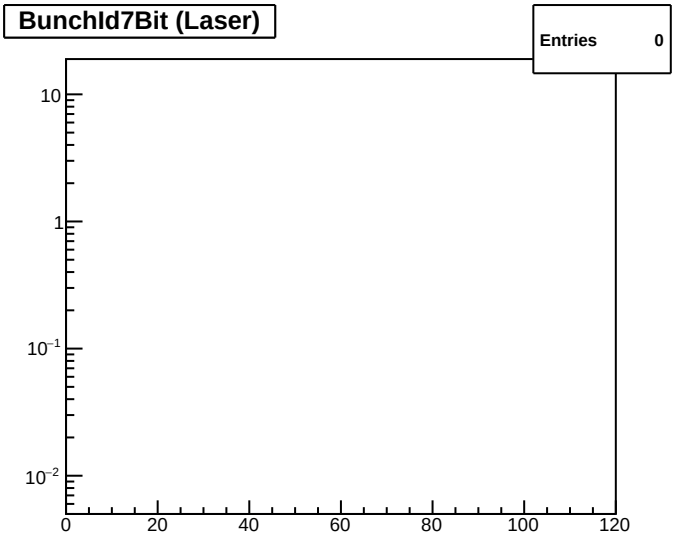
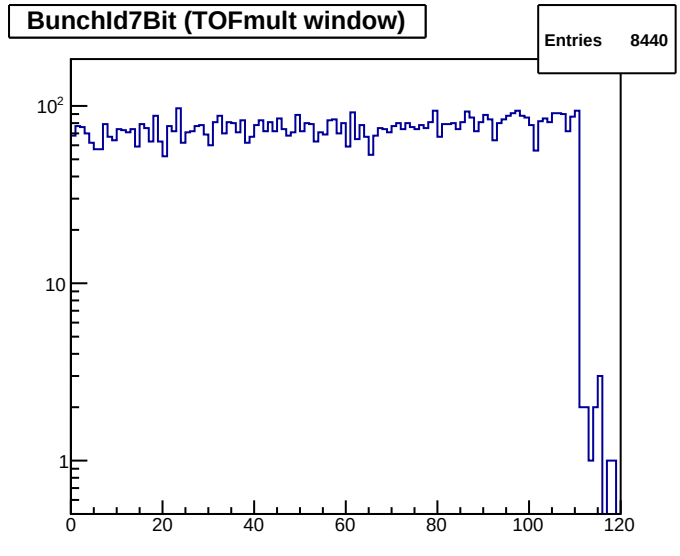

BunchId7Bit (VPD-TAC)
Entries 128481

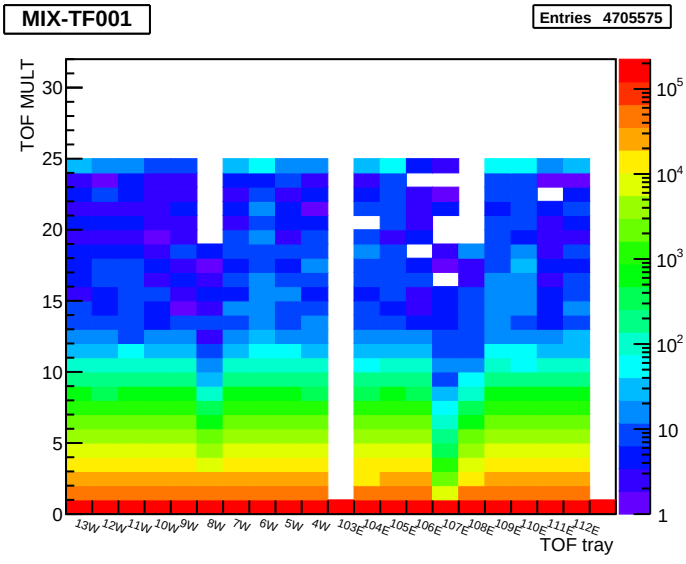

BunchId7Bit (ZDC-TAC)
Entries 509

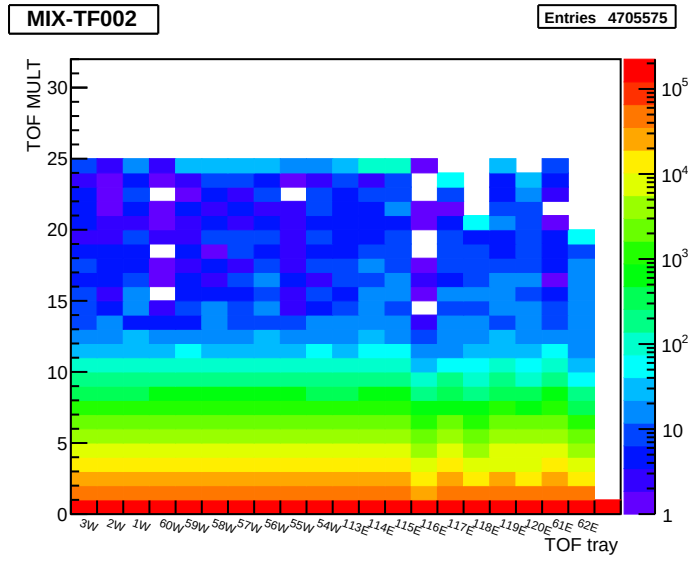

BunchId7Bit (EPD-TAC)
Entries 176647

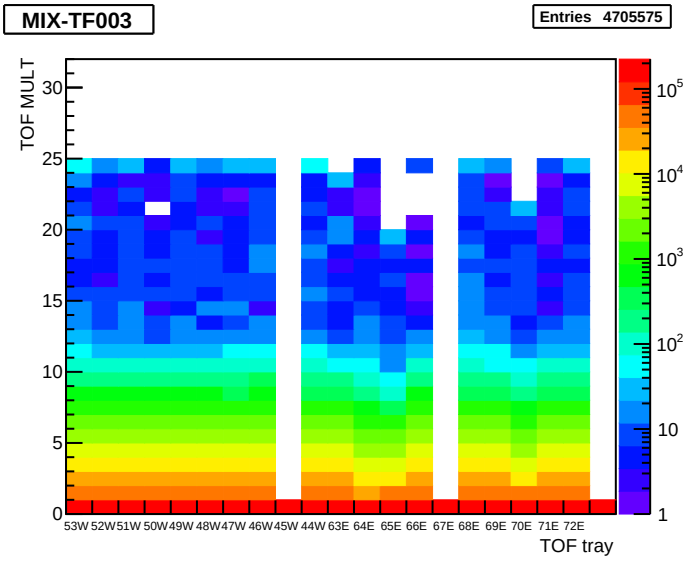

BunchId7Bit (BBC-TAC)
Entries 99058

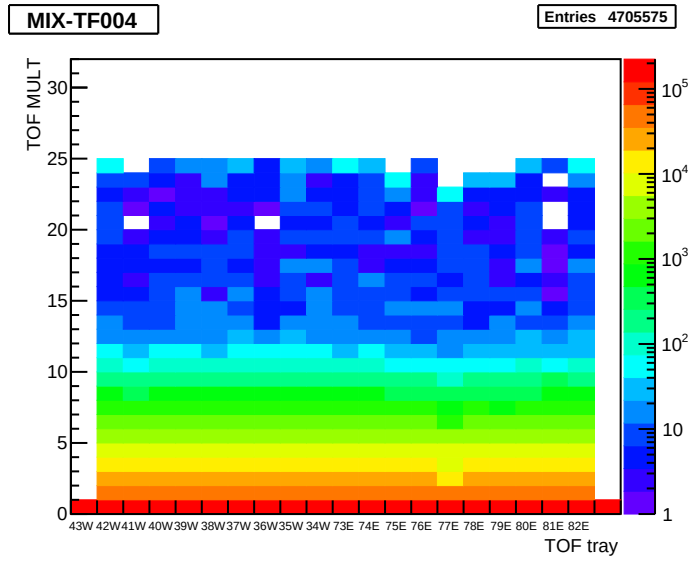

BunchId7Bit (Laser)
Entries 0

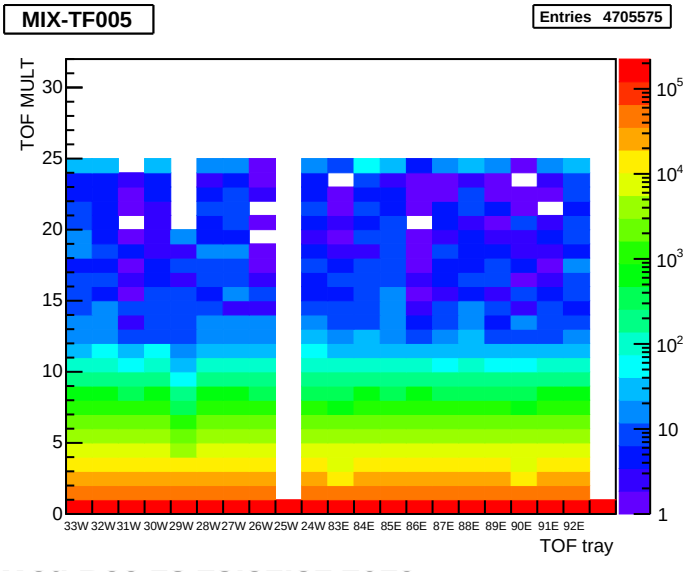

BunchId7Bit (TOFmult window)
Entries 8440

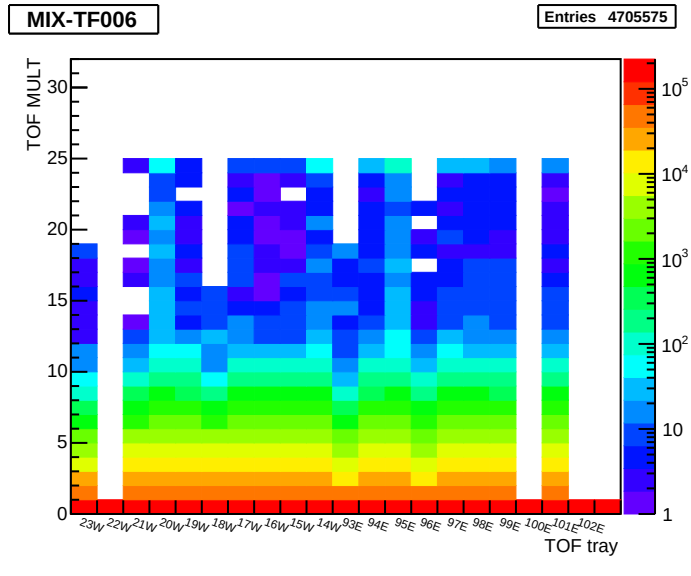

MIX-TF001
Entries 4705575
TOF MULT
TOF tray

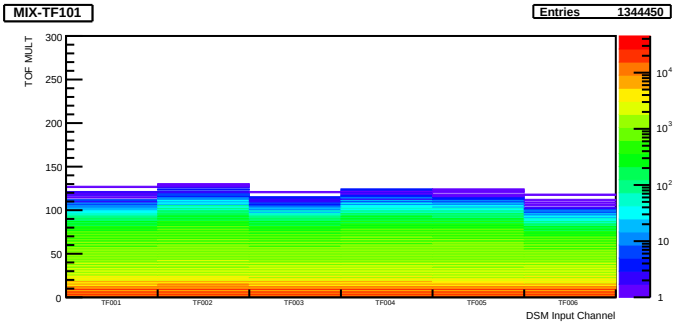

MIX-TF002
Entries 4705575
TOF MULT
TOF tray

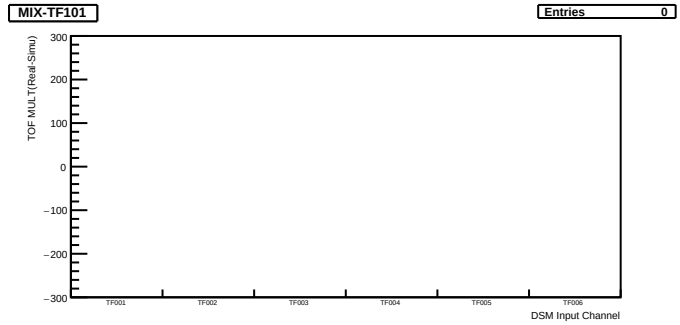

MIX-TF003
Entries 4705575
TOF MULT
TOF tray

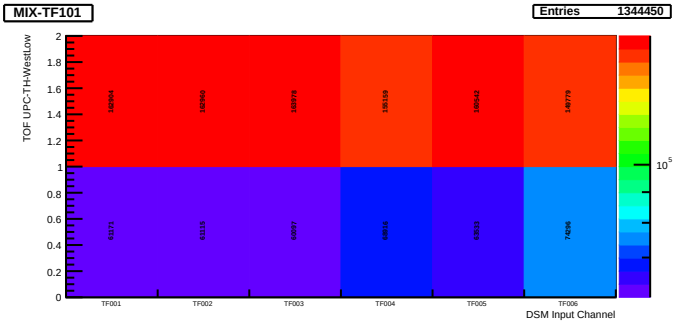

MIX-TF004
Entries 4705575
TOF MULT
TOF tray

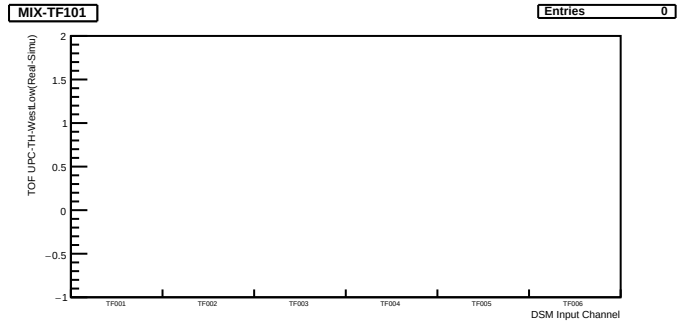

MIX-TF005
Entries 4705575
TOF MULT
TOF tray

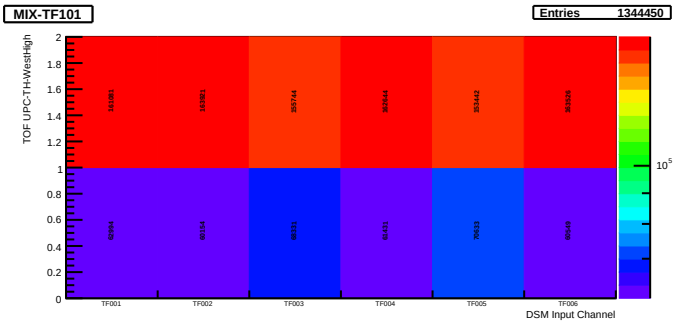

MIX-TF006
Entries 4705575
TOF MULT
TOF tray

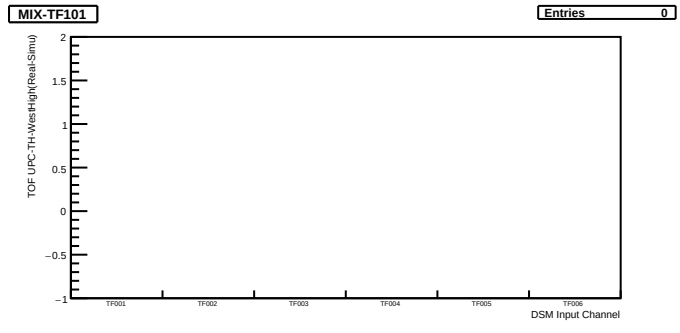

MIX-TF101
Entries 1344450
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

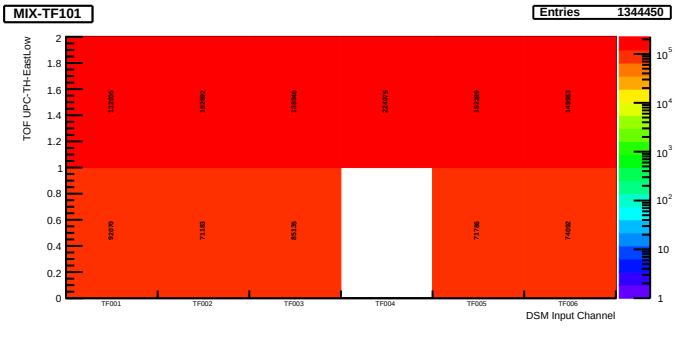

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

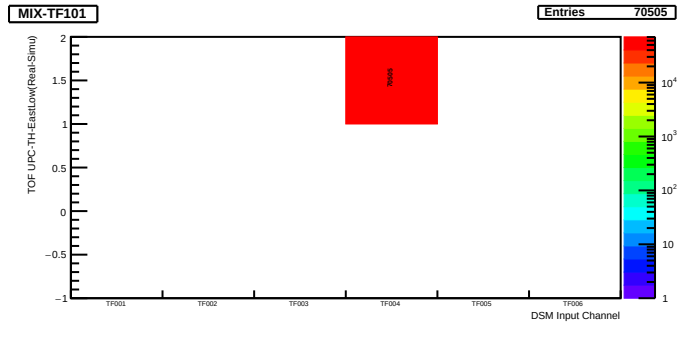

MIX-TF101
Entries 1344450
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

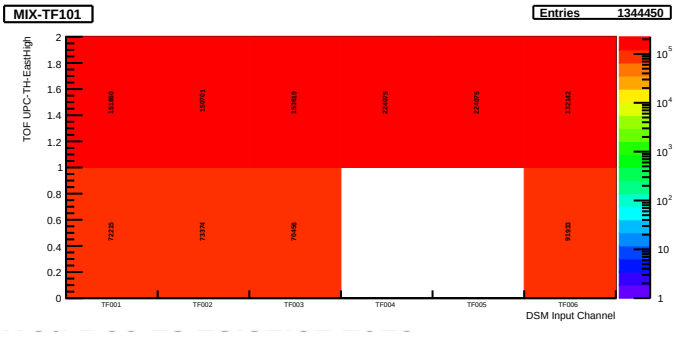

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

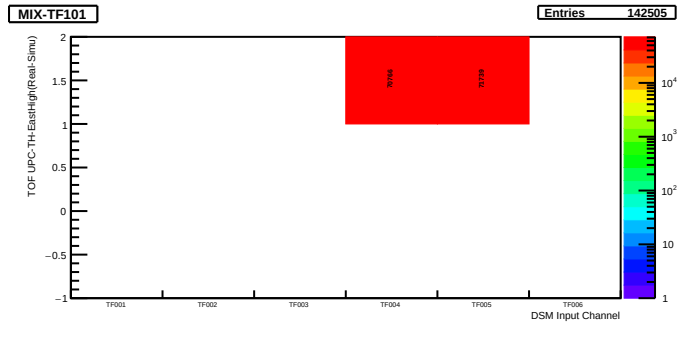

MIX-TF101
Entries 1344450
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

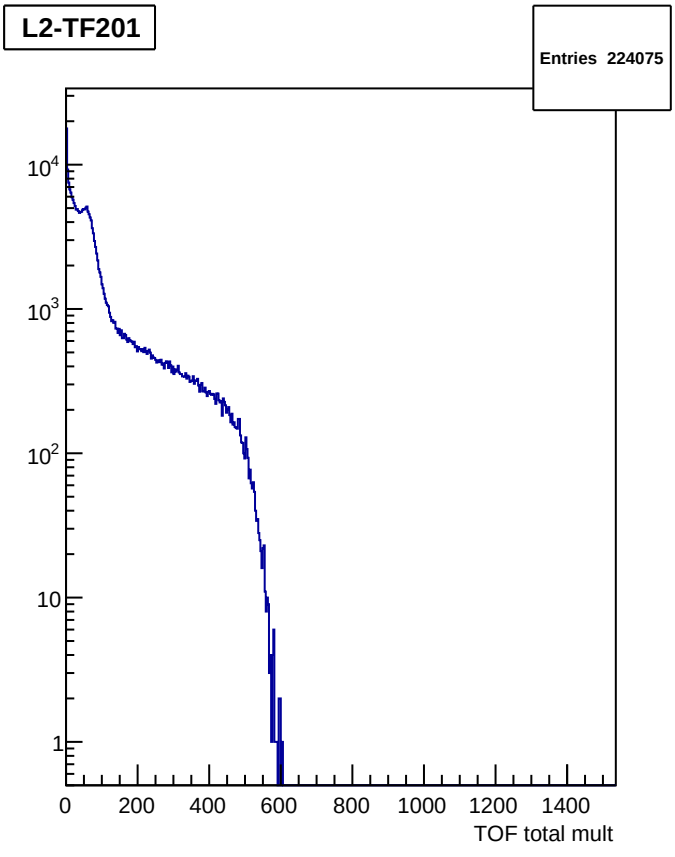

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

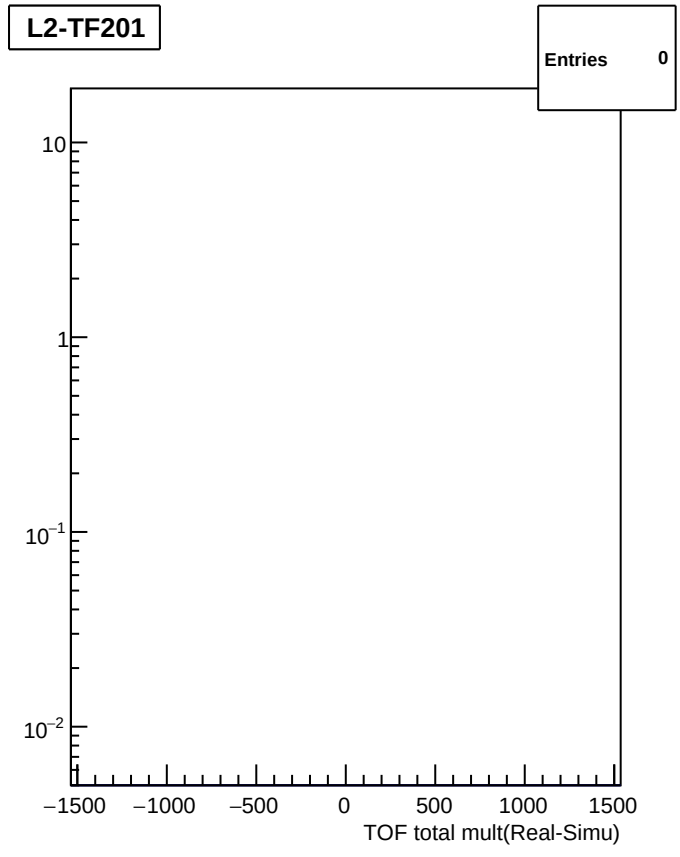

MIX-TF101
Entries 1344450
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

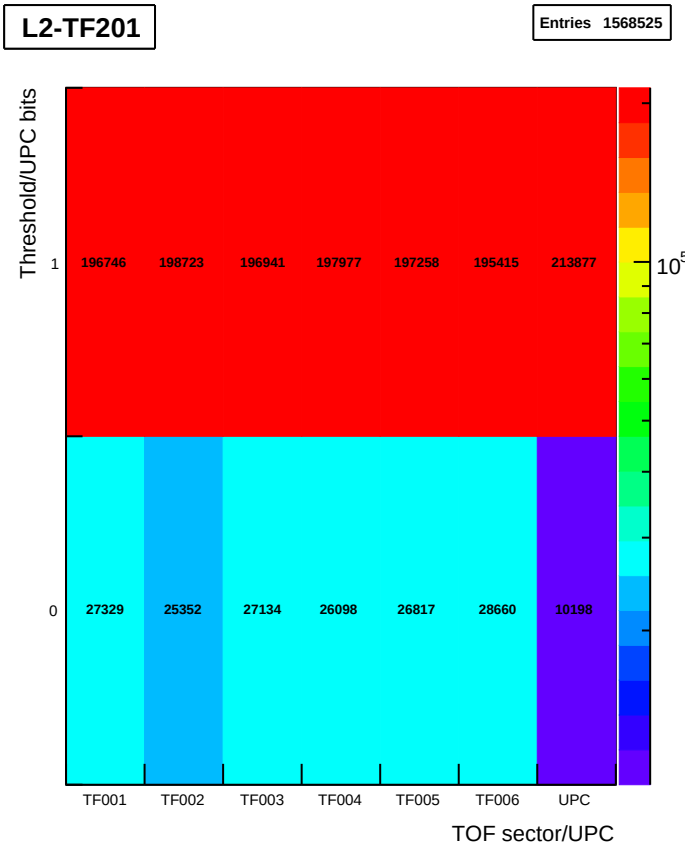

MIX-TF101
Entries 70505
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

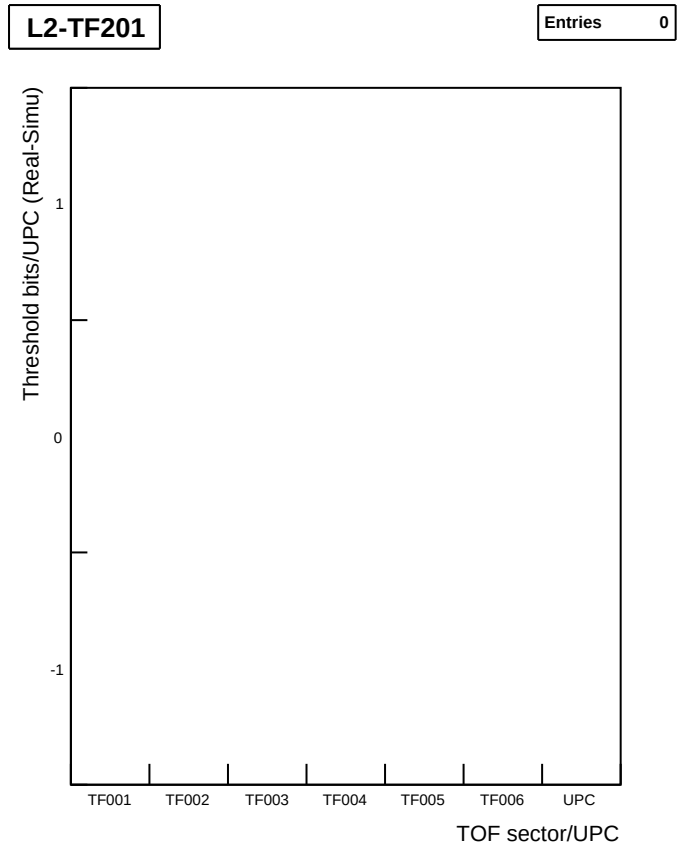

MIX-TF101
Entries 1344450
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

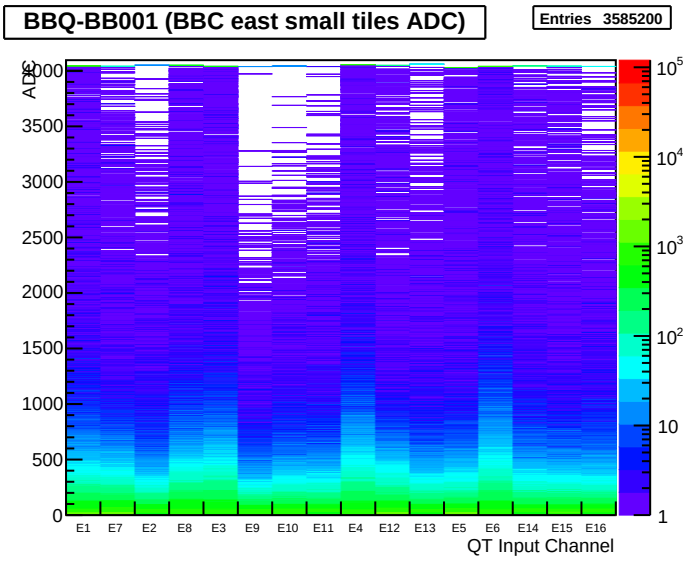

MIX-TF101
Entries 142505
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

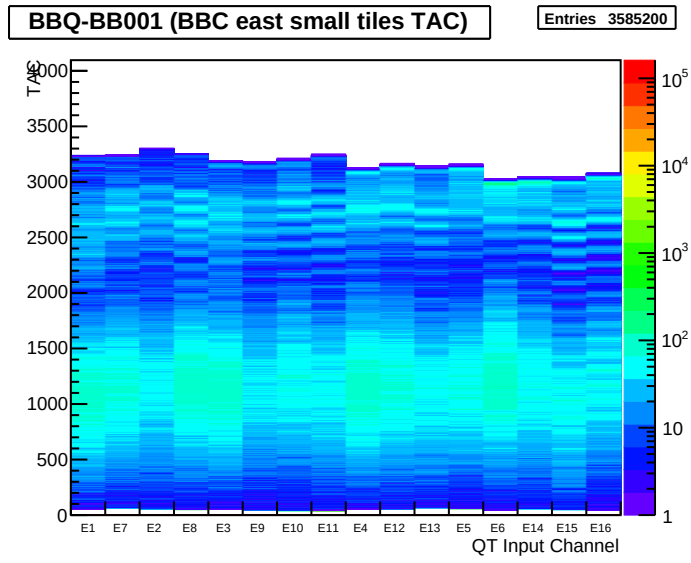

L2-TF201
Entries 224075
TOF total mult

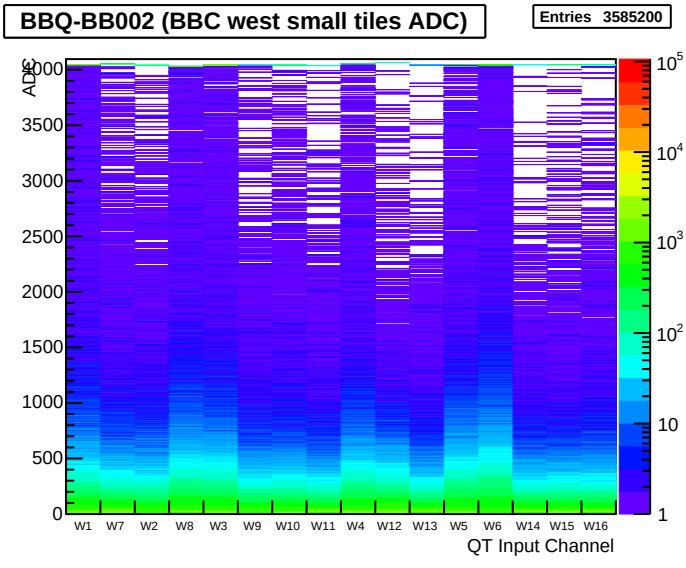

L2-TF201
Entries 0
TOF total mult(Real-Simu)

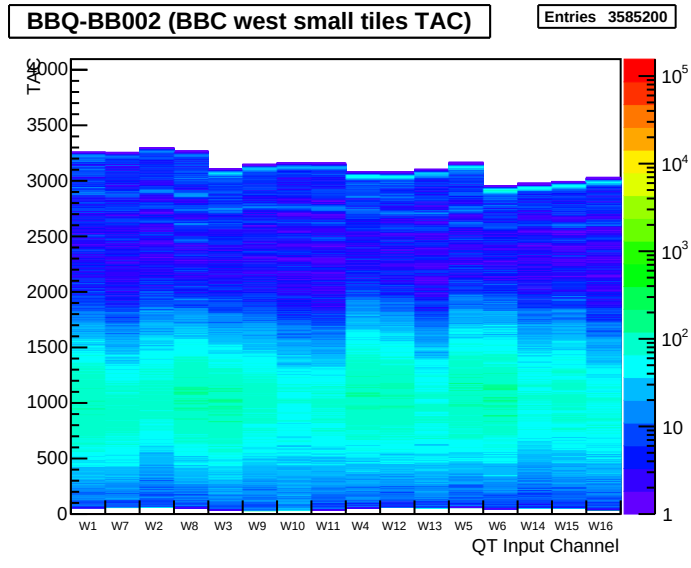

L2-TF201
Entries 1568525
Threshold/UPC bits
196746
198723
196941
197977
197258
195415
213877
27329
25352
27134
26098
26817
28660
10198
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

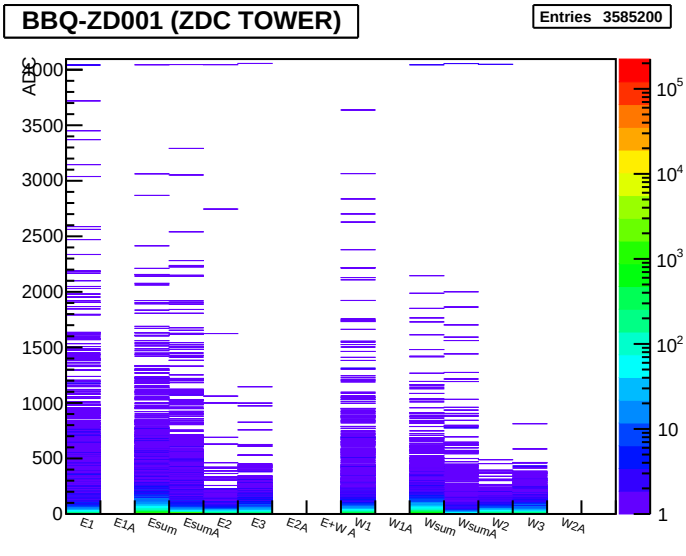

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

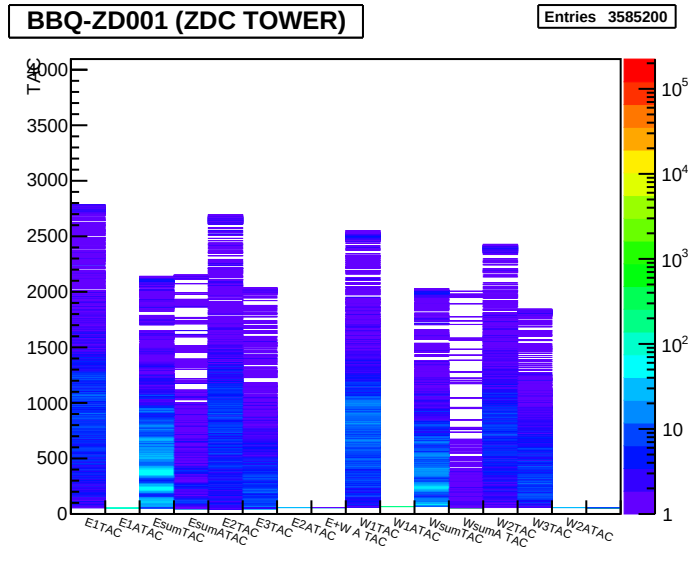

BBQ-BB001 (BBC east small tiles ADC)
Entries 3585200
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

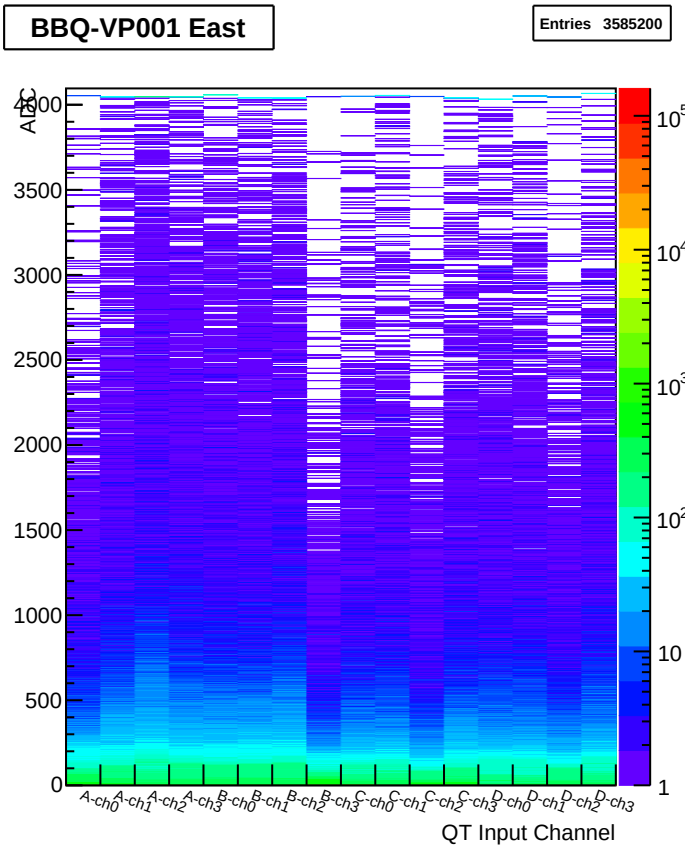

BBQ-BB001 (BBC east small tiles TAC)
Entries 3585200
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

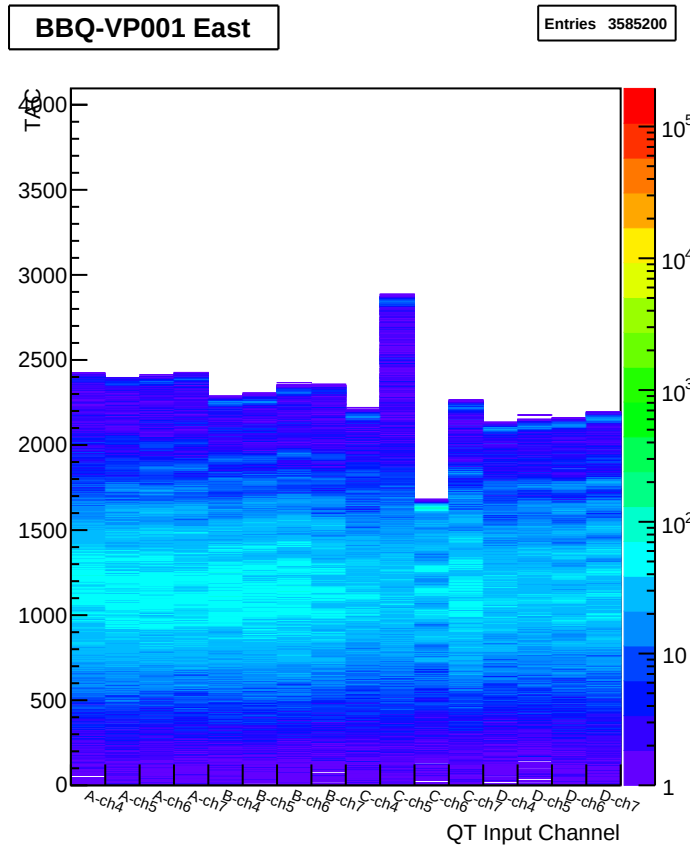

BBQ-BB002 (BBC west small tiles ADC)
Entries 3585200
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

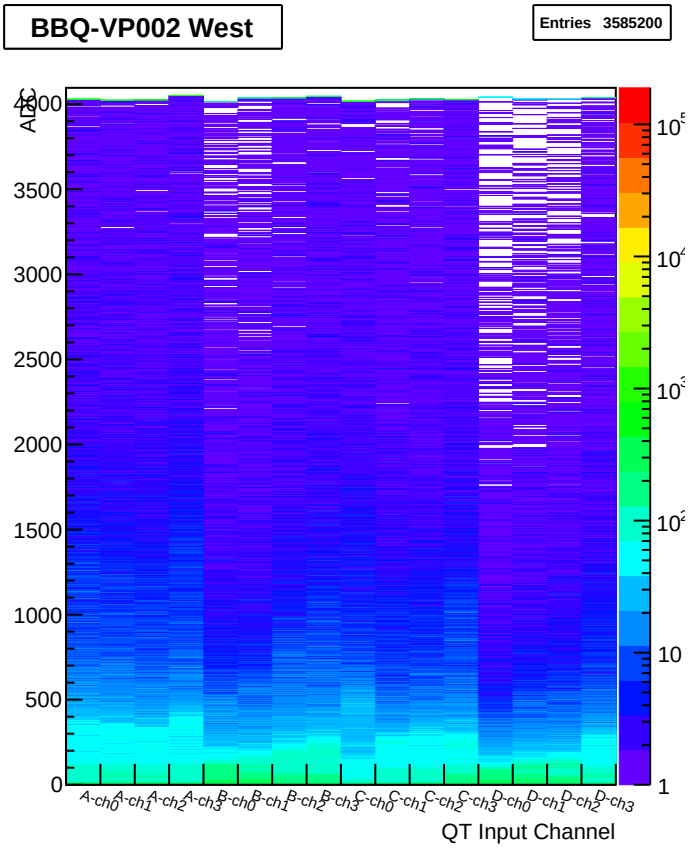

BBQ-BB002 (BBC west small tiles TAC)
Entries 3585200
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

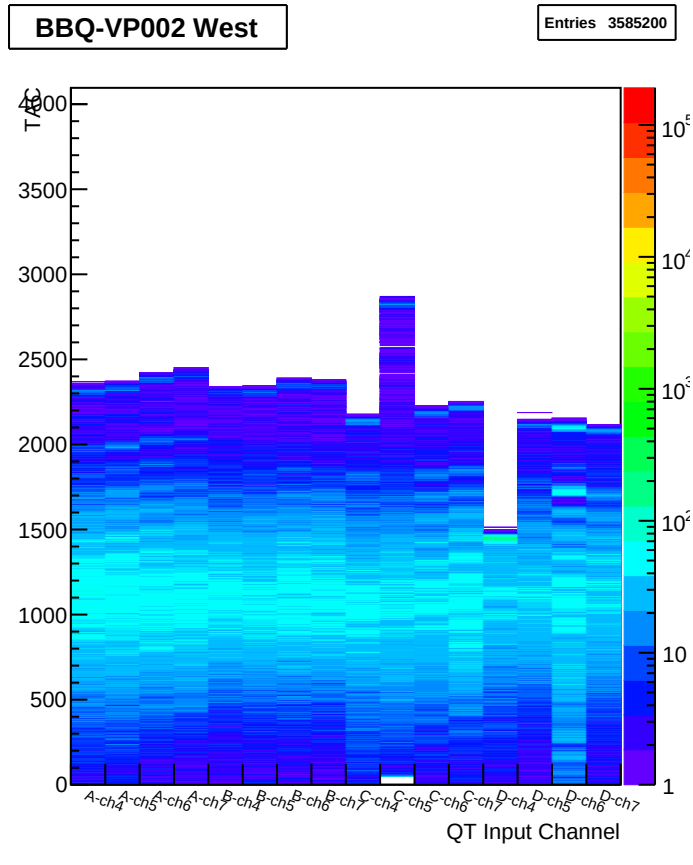

BBQ-ZD001 (ZDC TOWER)
Entries 3585200
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

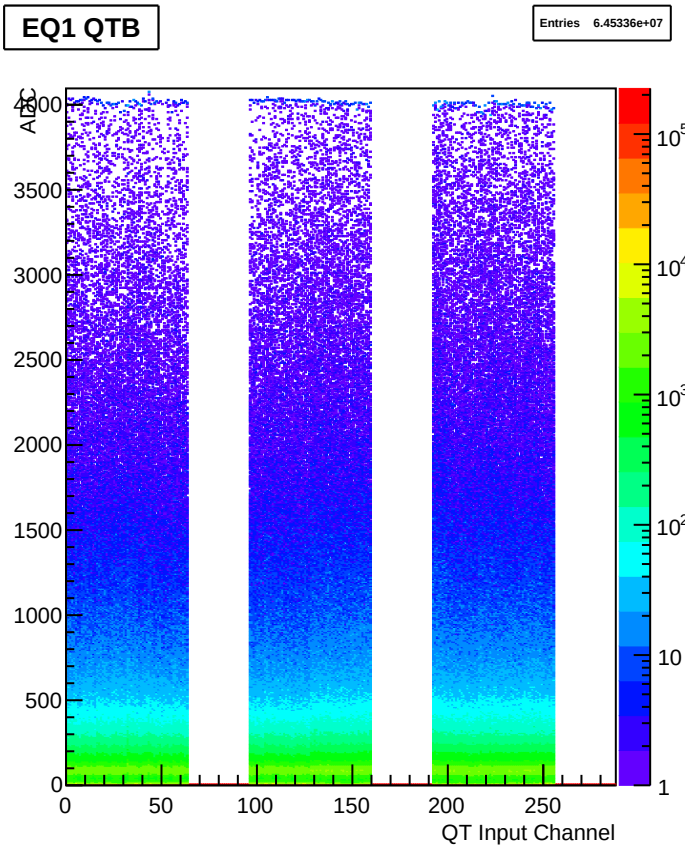

BBQ-ZD001 (ZDC TOWER)
Entries 3585200
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

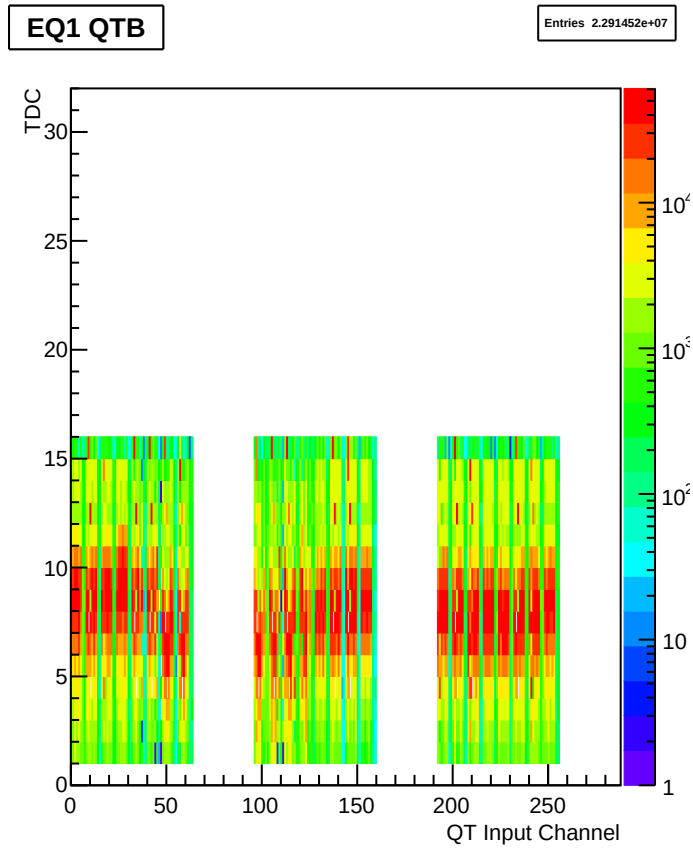

BBQ-VP001 East
Entries 3585200
ADC
QT Input Channel

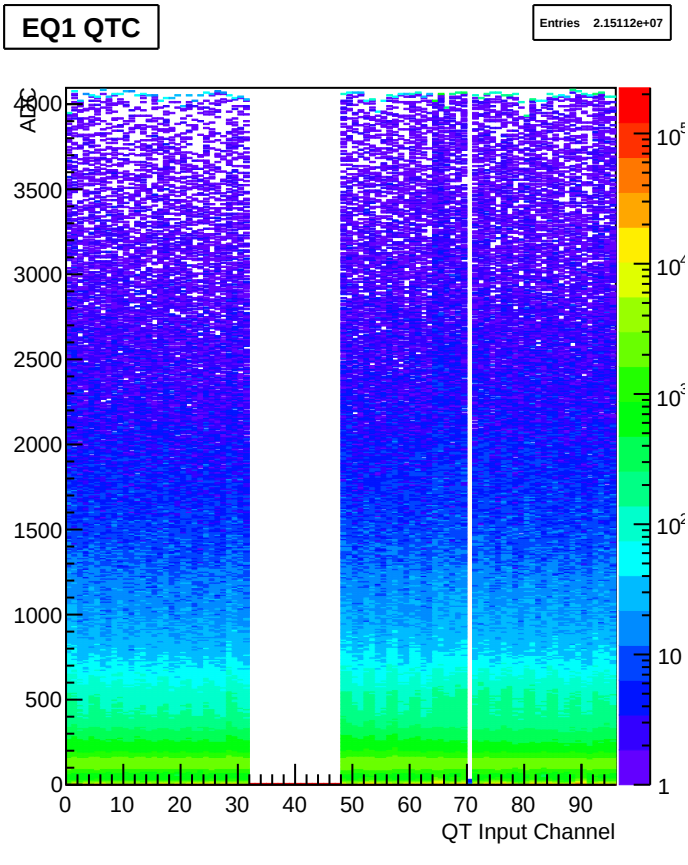

BBQ-VP001 East
Entries 3585200
ADC
QT Input Channel

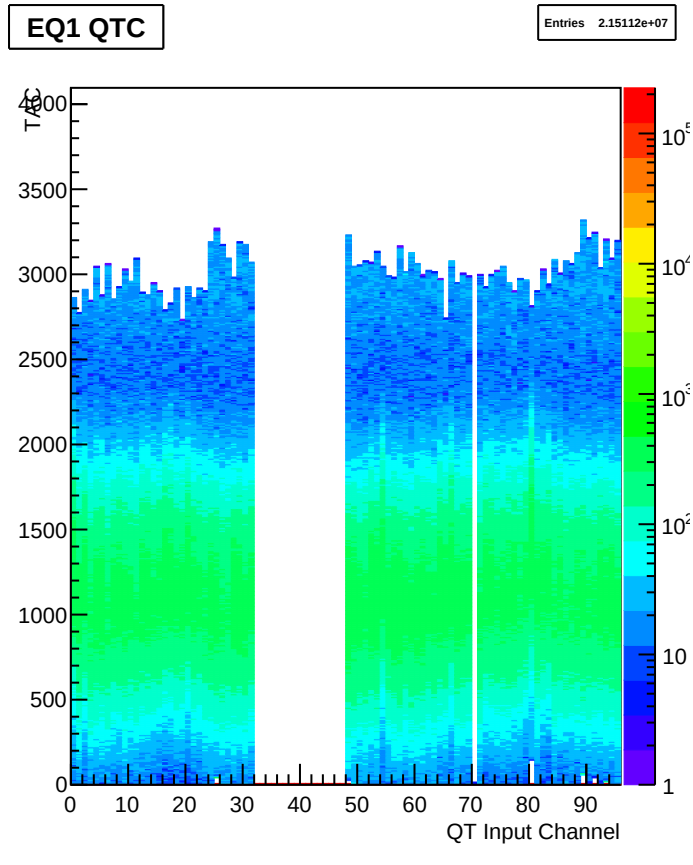

BBQ-VP002 West
Entries 3585200
ADC
QT Input Channel

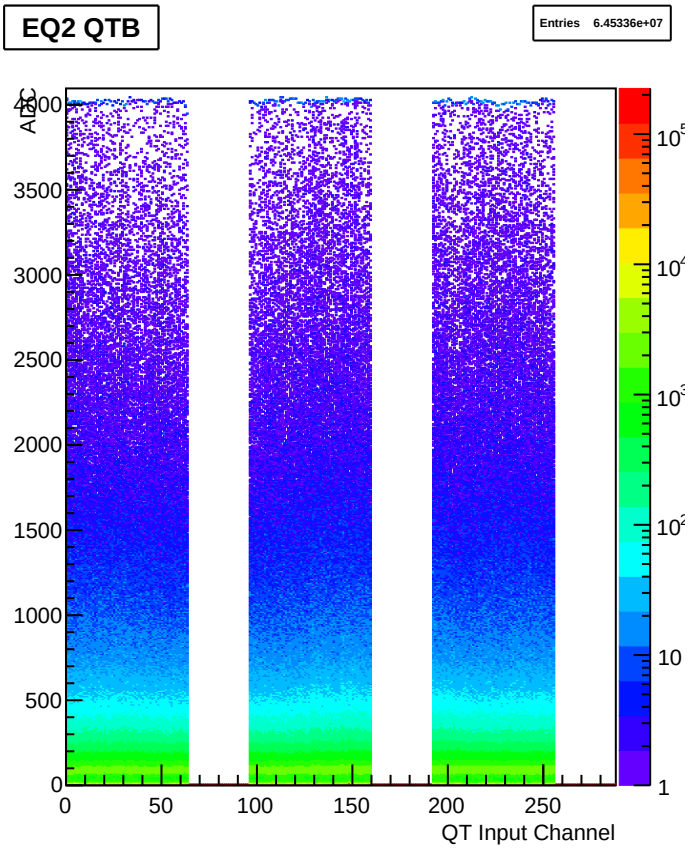

BBQ-VP002 West
Entries 3585200
ADC
QT Input Channel

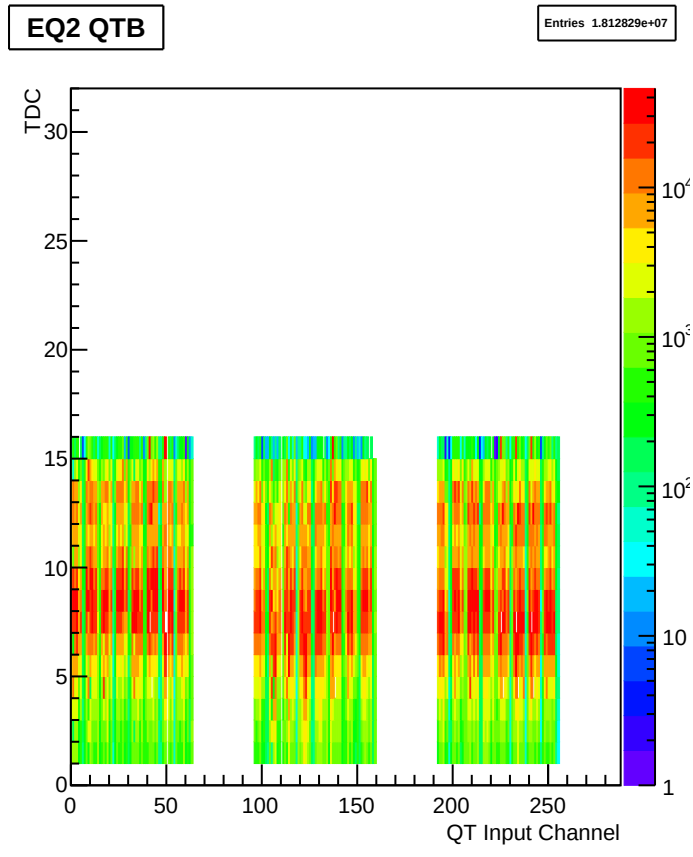

EQ1 QTB
Entries 6.45336e+07
ADC
QT Input Channel

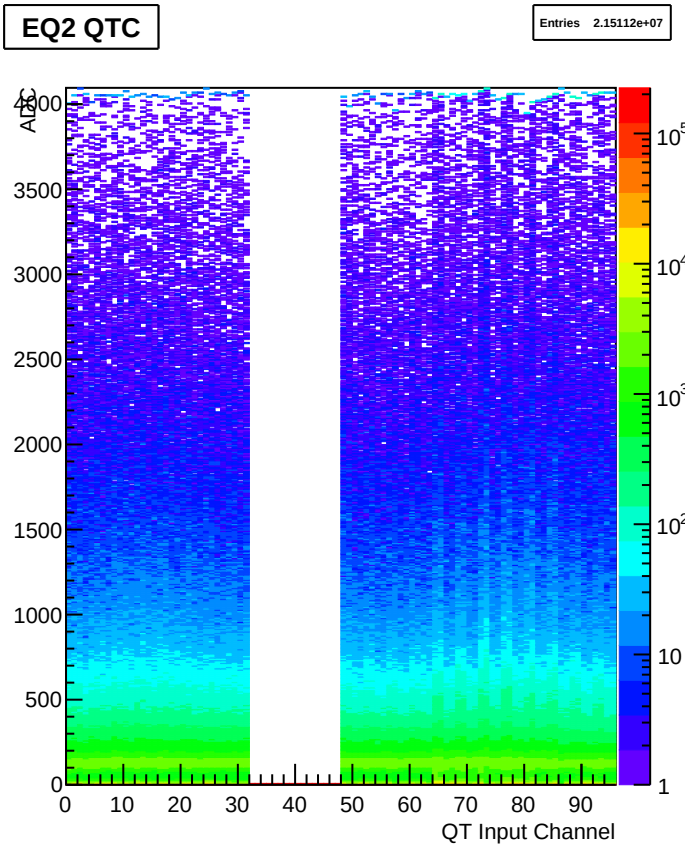

EQ1 QTB
Entries 2.291452e+07
TDC
QT Input Channel

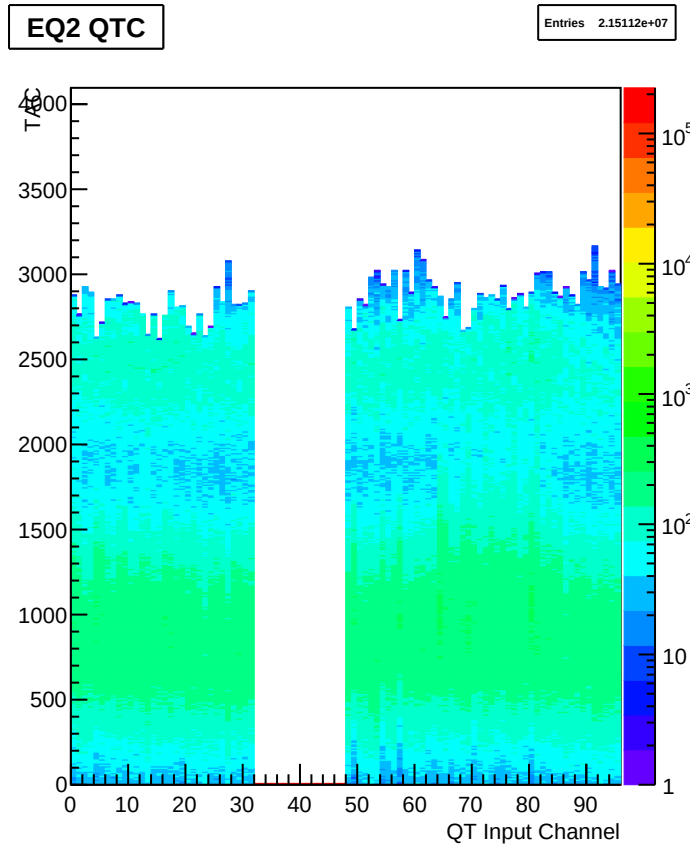

EQ1 QTC
Entries 2.15112e+07
ADC
QT Input Channel

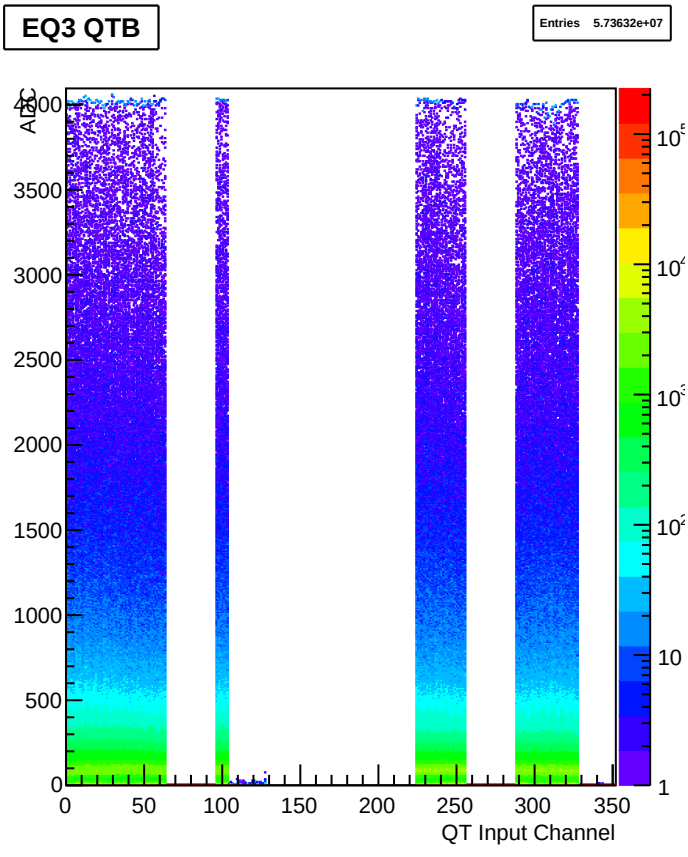

EQ1 QTC
Entries 2.15112e+07
TADC
QT Input Channel

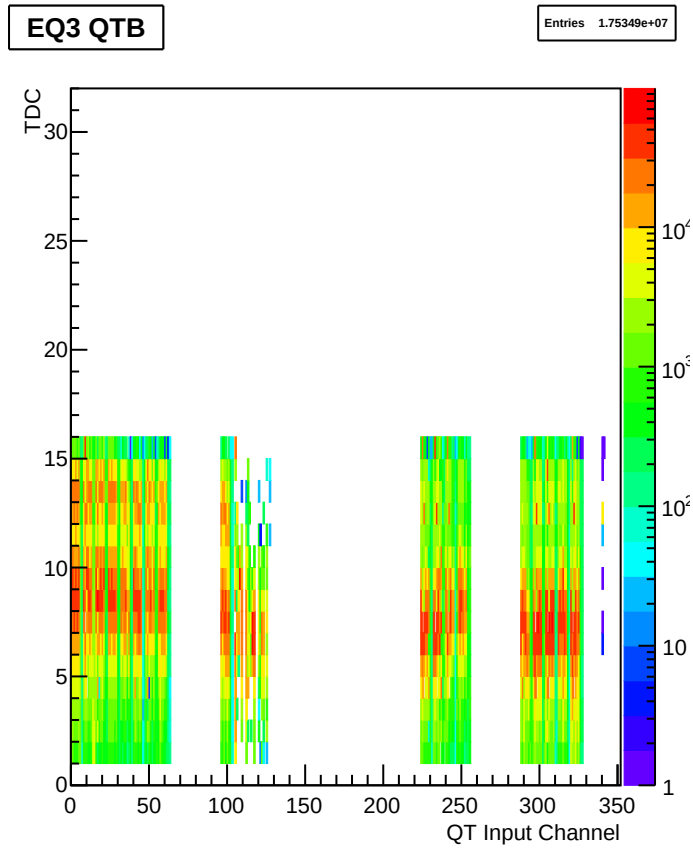

EQ2 QTB
Entries 6.45336e+07
ADC
QT Input Channel

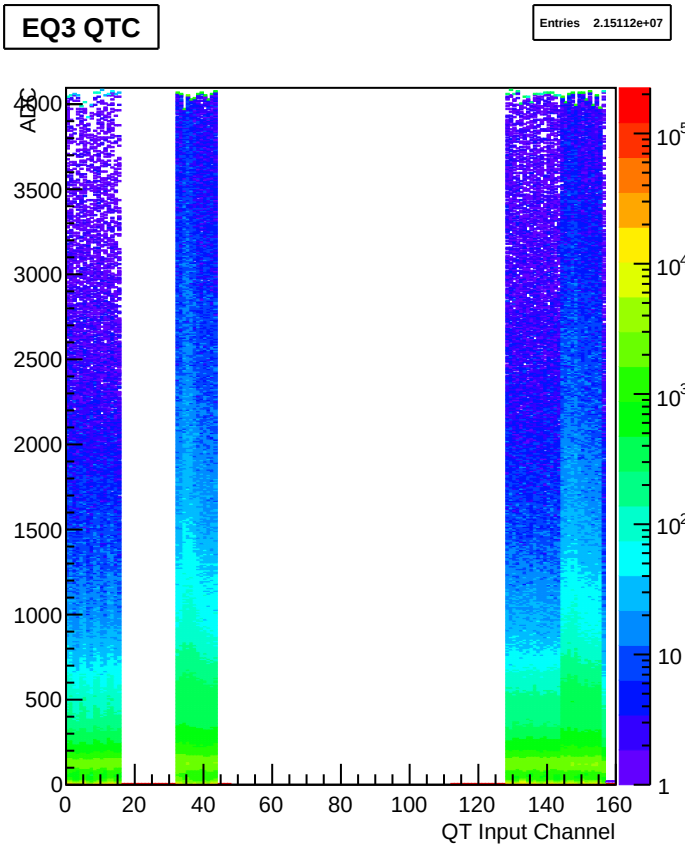

EQ2 QTB
Entries 1.812829e+07
TDC
QT Input Channel

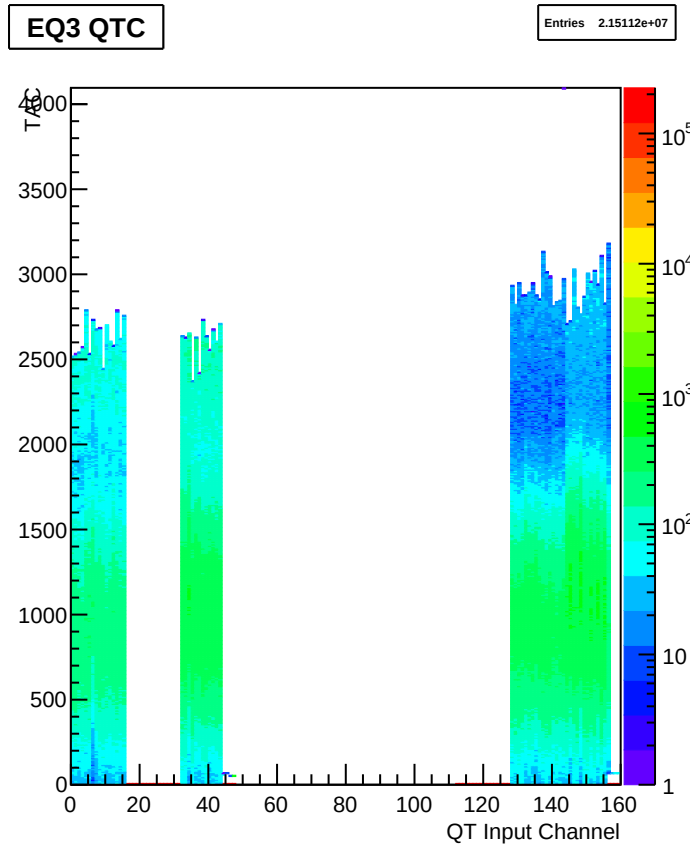

EQ2 QTC
Entries 2.15112e+07
ADC
QT Input Channel

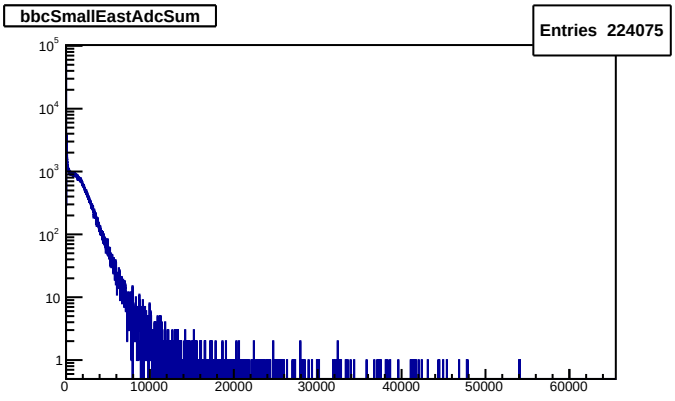

EQ2 QTC
Entries 2.15112e+07
TADC
QT Input Channel

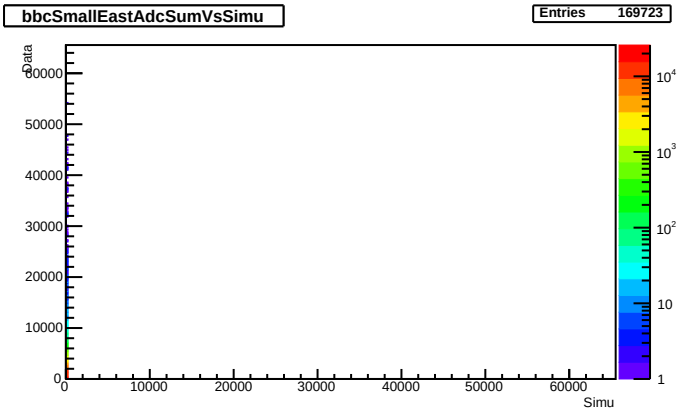

EQ3 QTB
Entries 5.73632e+07
ADC
QT Input Channel

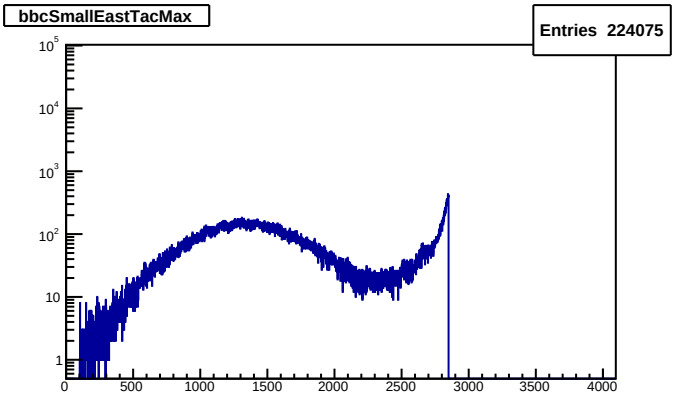

EQ3 QTB
Entries 1.75349e+07
TDC
QT Input Channel

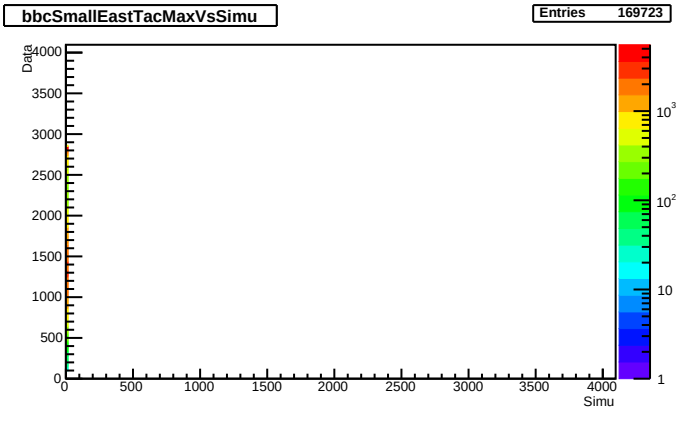

EQ3 QTC
Entries 2.15112e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.15112e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 224075


bbcSmallEastAdcSumVsSimu
Entries 169723
Data
Simu


bbcSmallEastTacMax
Entries 224075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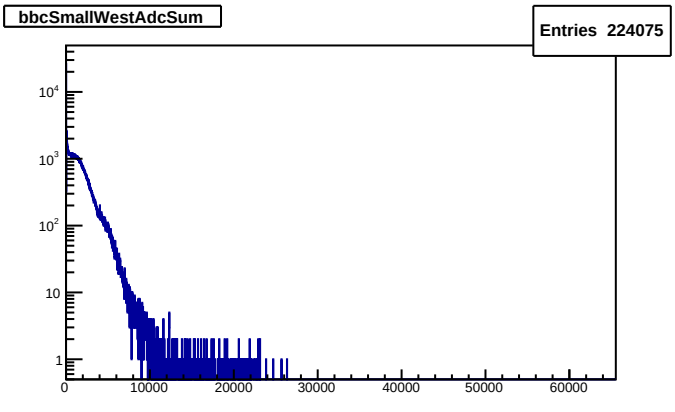
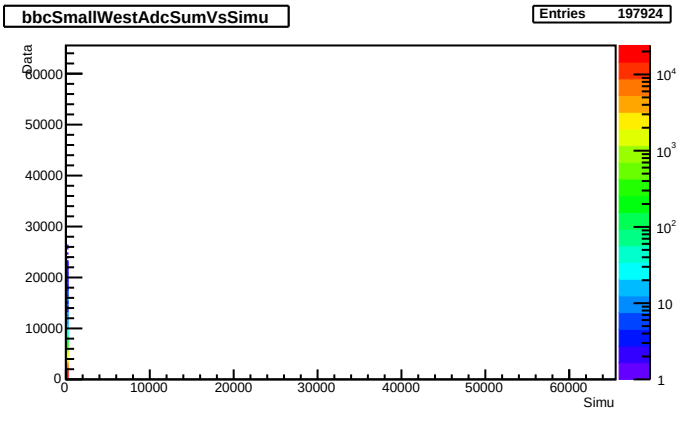
Entries 169723
Data
Simu


bbcSmallWestAdcSum
Entries 224075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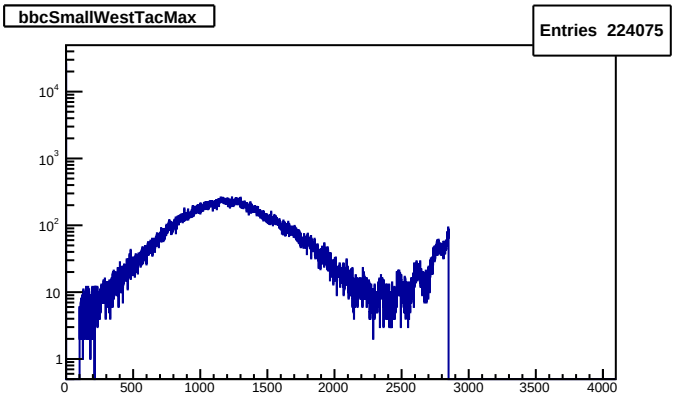
Entries 197924
Data
Simu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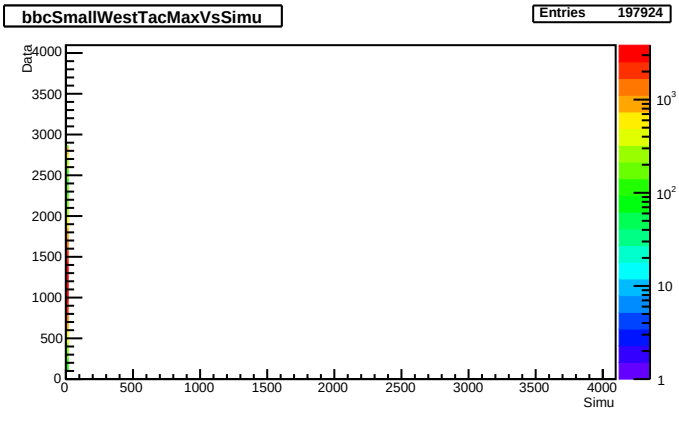
Entries 224075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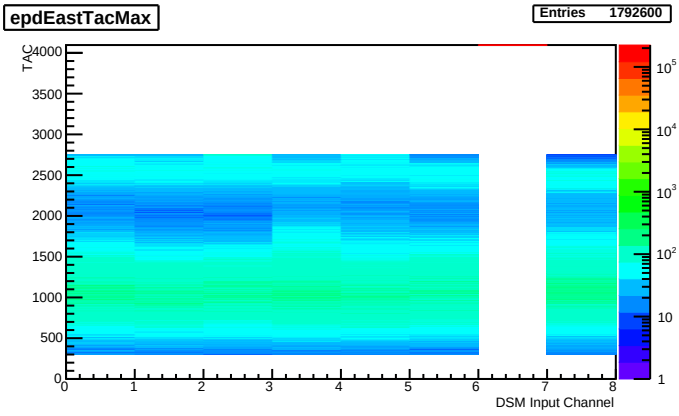
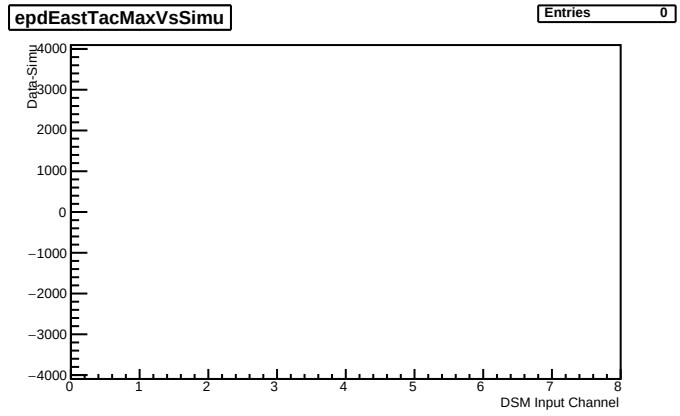
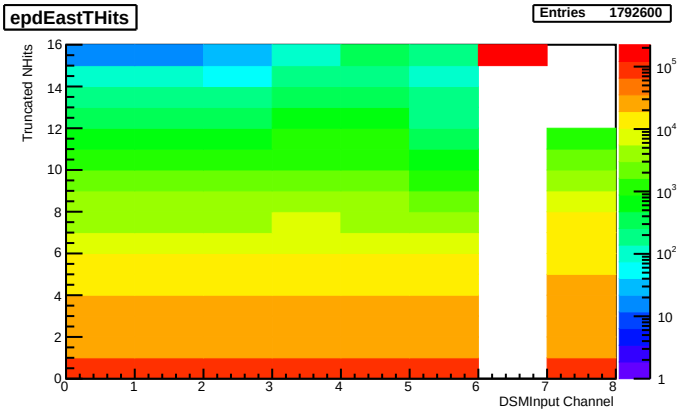
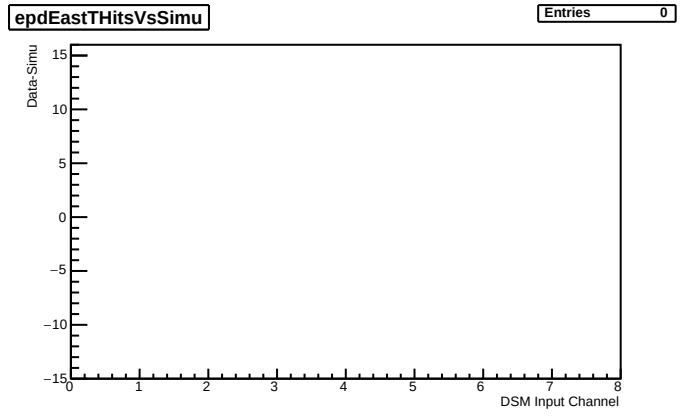
Entries 197924
Data
Simu


epdEastTacMax
Entries 1792600
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1792600
Truncated NHits
DSMInput Channel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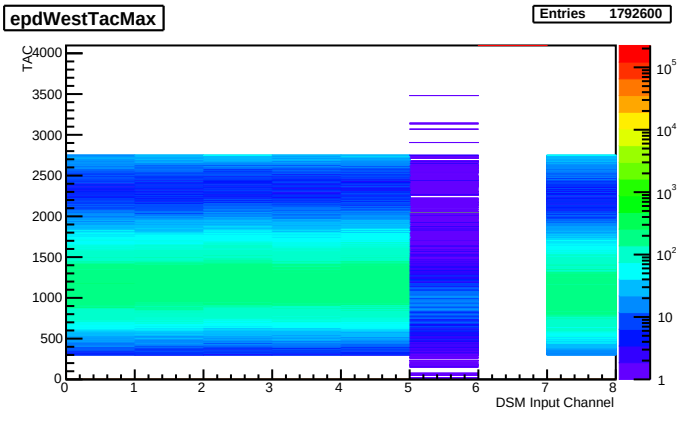
Entries 0
Data-Simu
DSM Input Channel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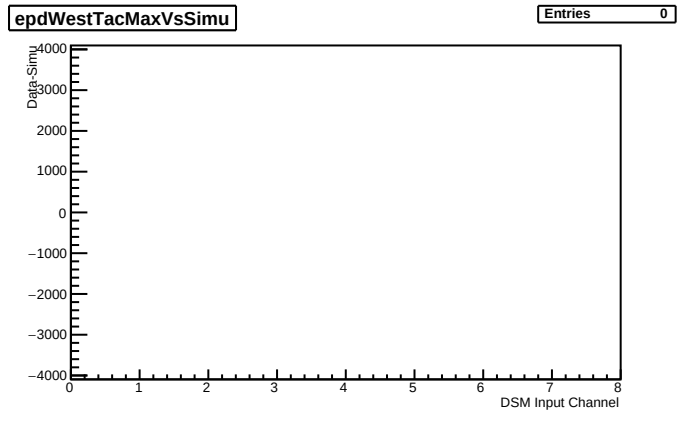
Entries 1792600
TAC
DSM Input Channel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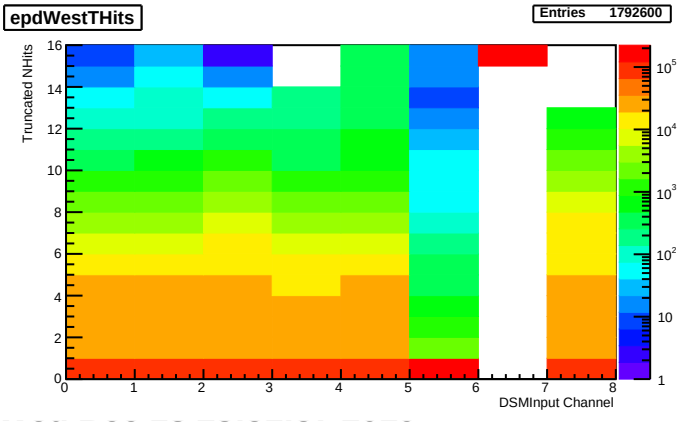
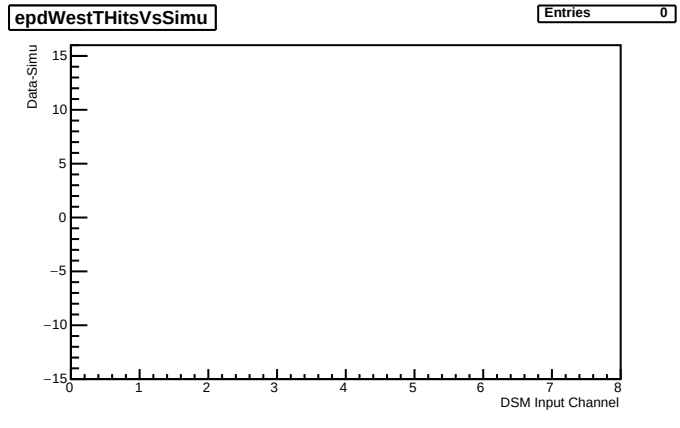
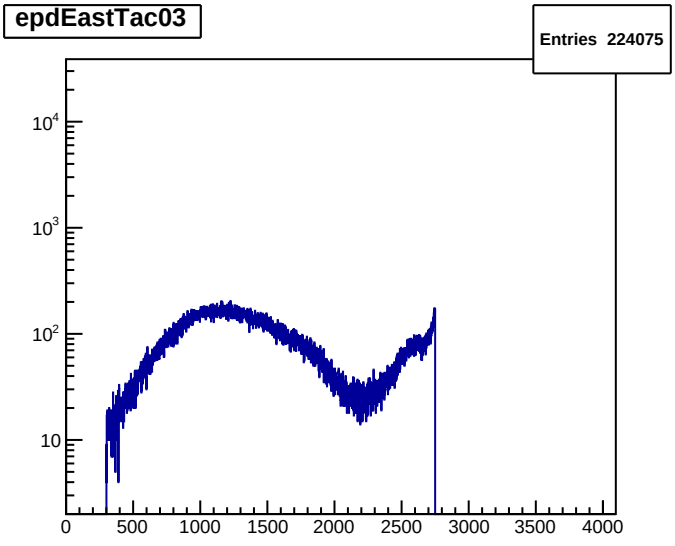
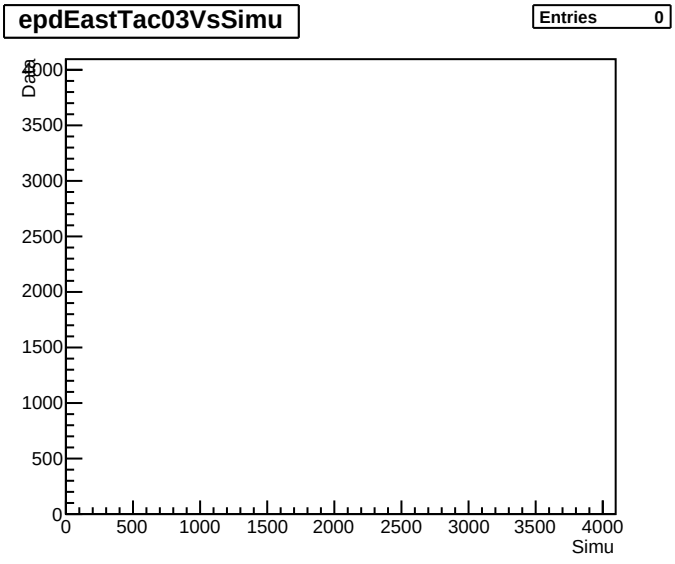
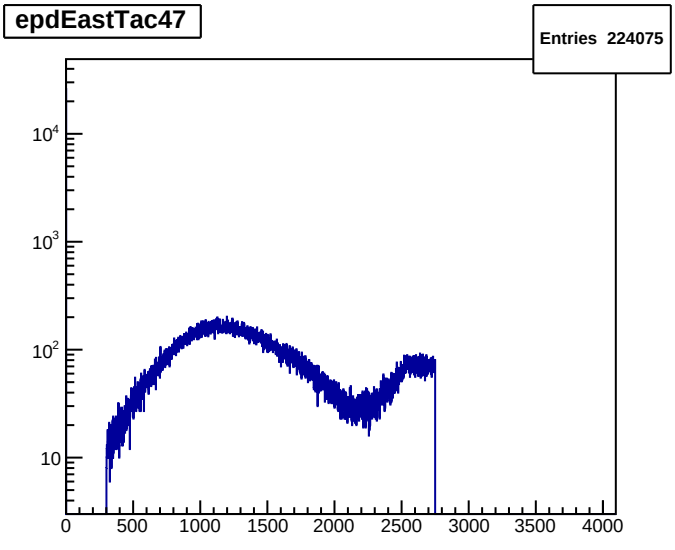
Entries 0
Data-Simu
DSM Input Channel

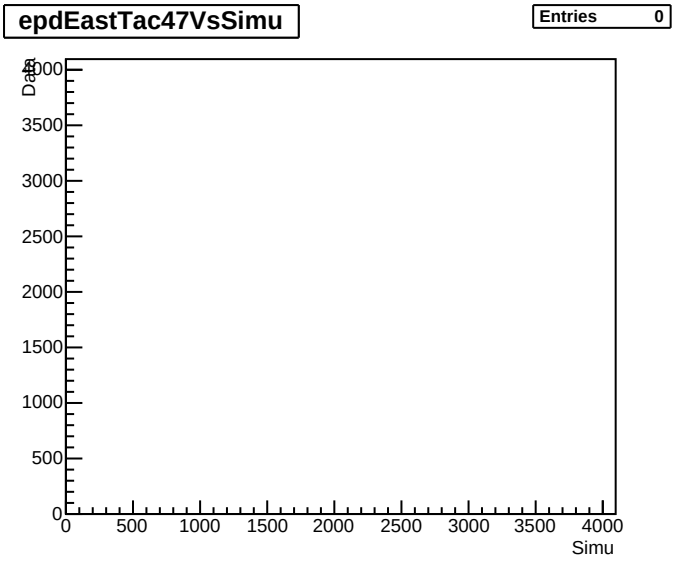

epdWestTHits
Entries 1792600
Truncated NHits
DSMInput Channel

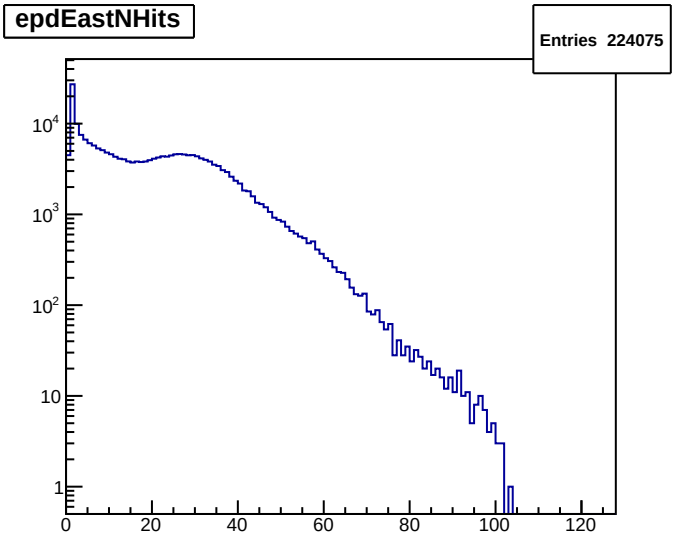

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

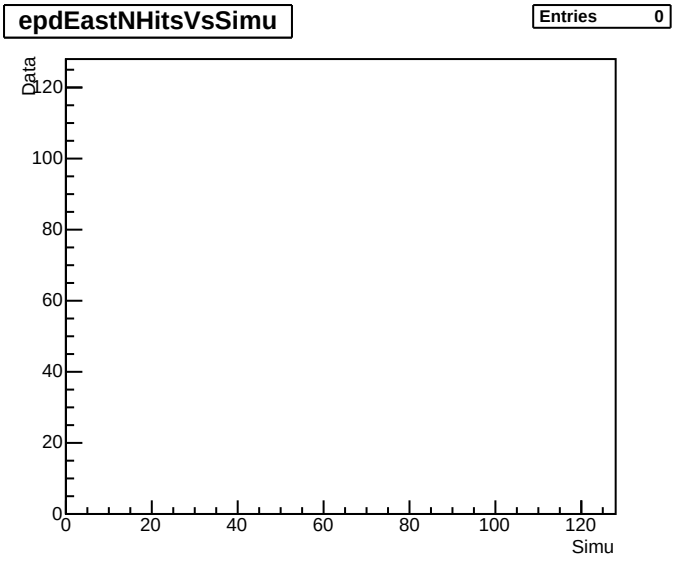

epdEastTac03
Entries 224075
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000

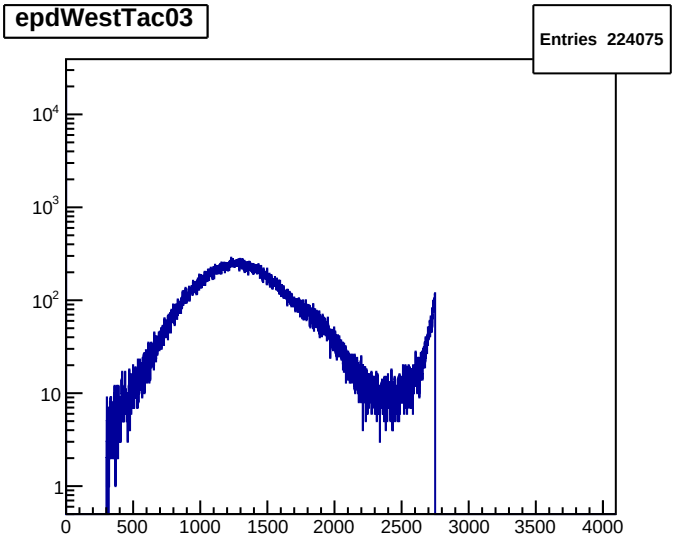

epdEastTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

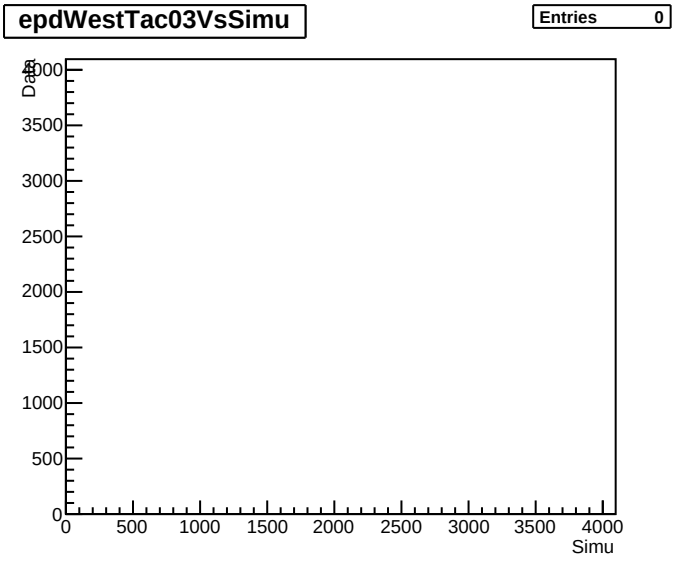

epdEastTac47
Entries 224075
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac47VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastNHits
Entries 224075
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120


epdEastNHitsVsSimu
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu


epdWestTac03
Entries 224075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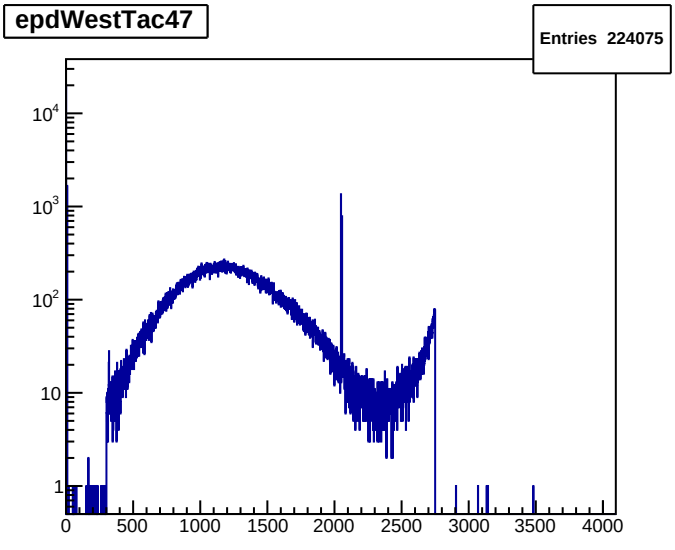
Entries 0
Data
Simu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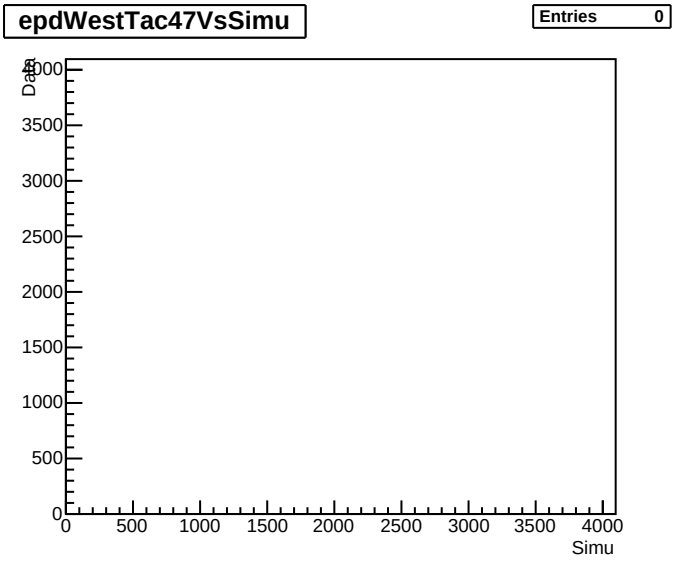
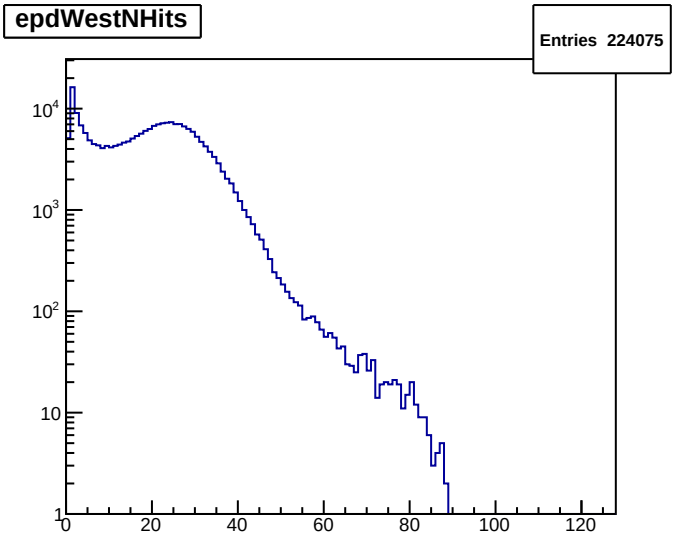
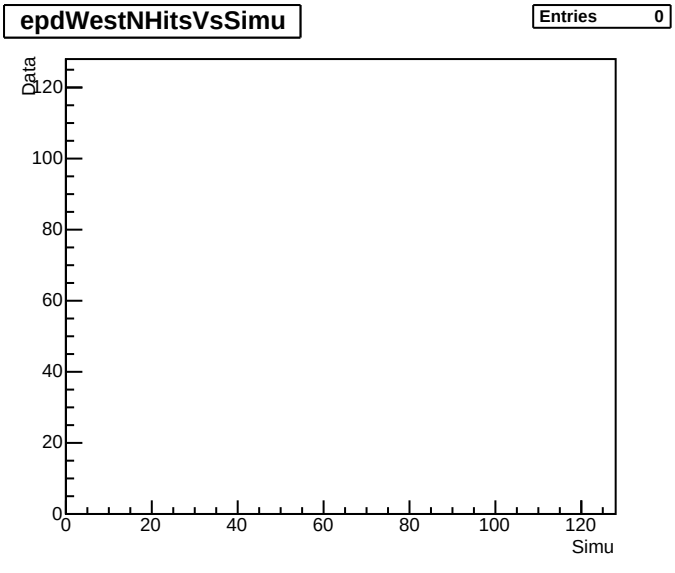
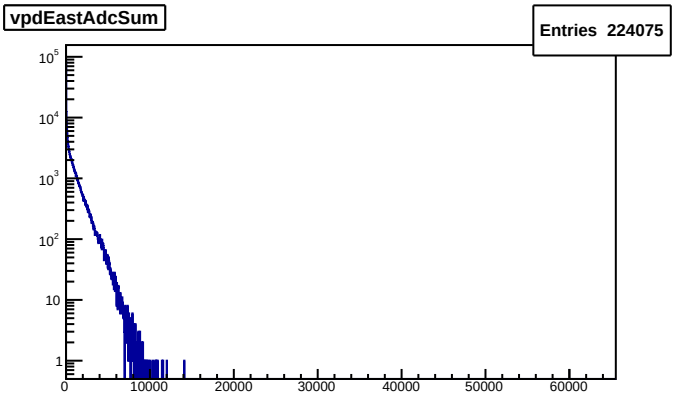
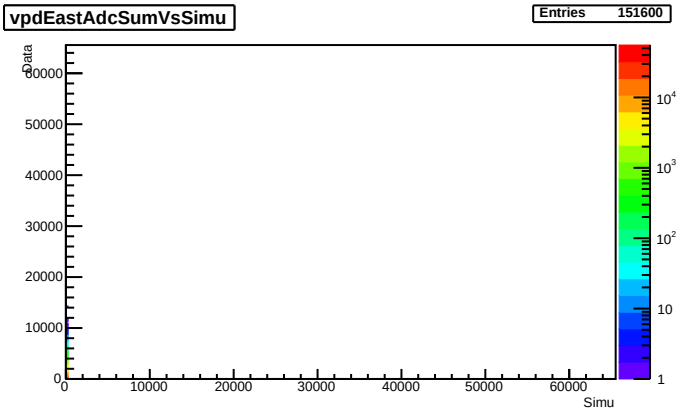
Entries 224075

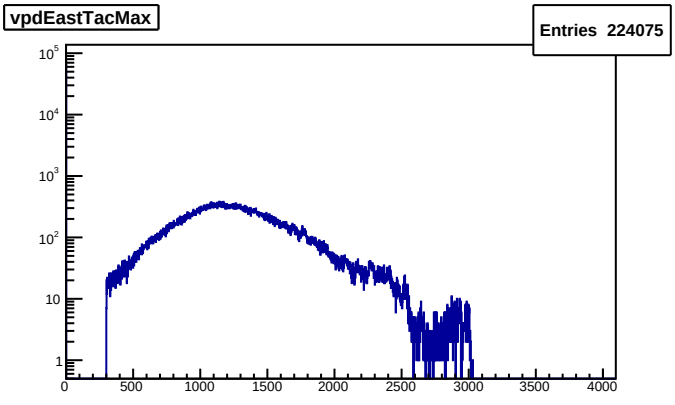

epdWestTac47VsSimu
Entries 0
Data
Simu

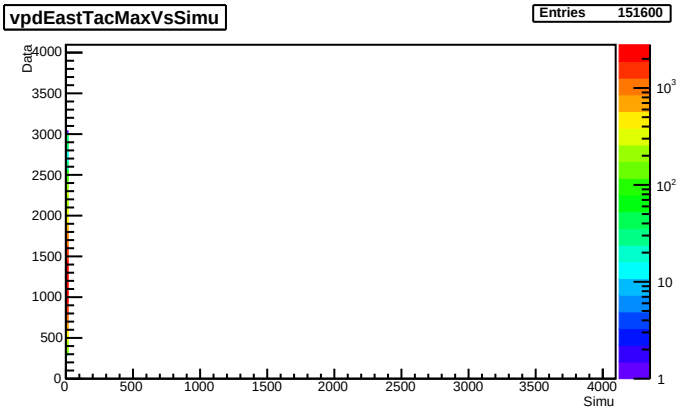

epdWestNHits
Entries 224075


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 224075


vpdEastAdcSumVsSimu
Entries 151600
Data
Simu


vpdEastTacMax
Entries 224075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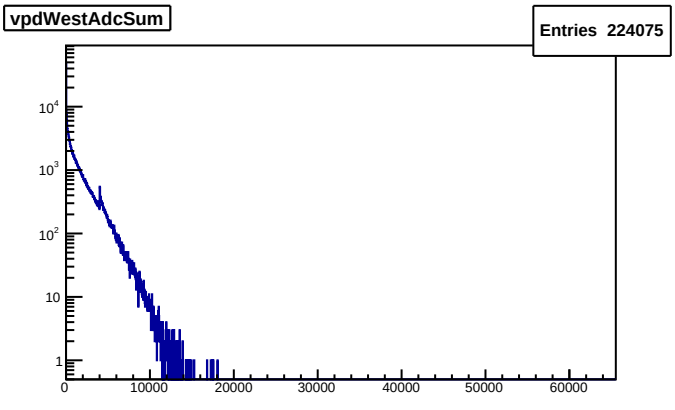
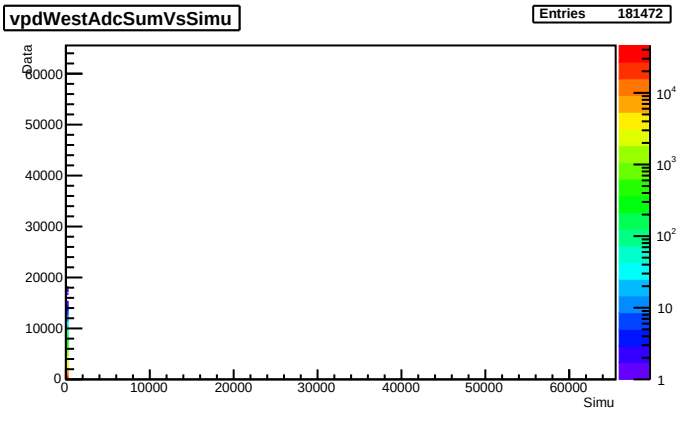
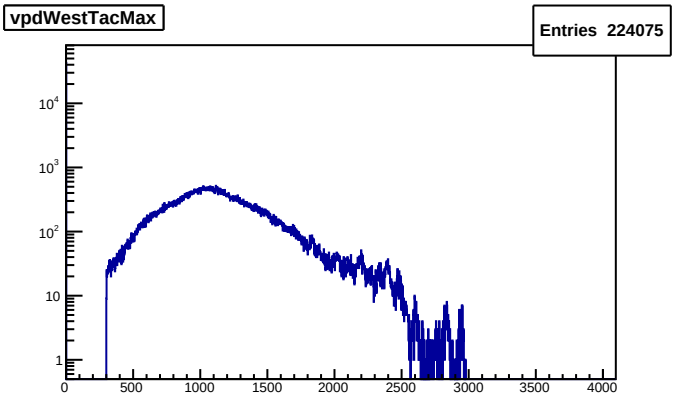
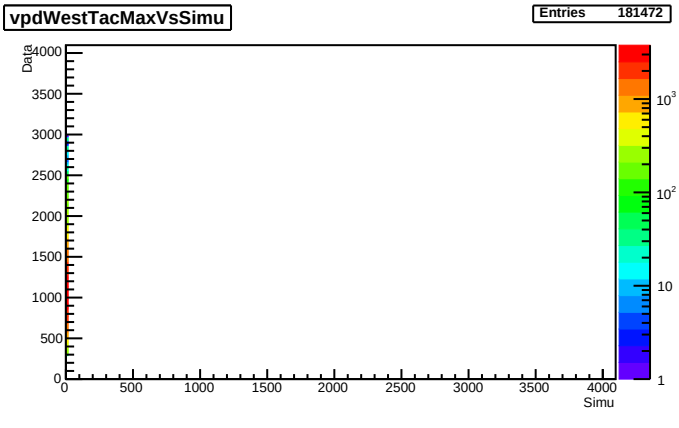
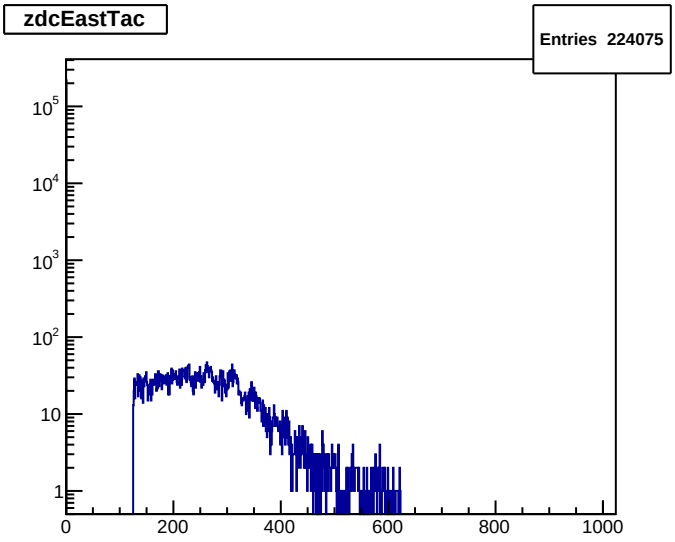
Entries 151600
Data
Simu

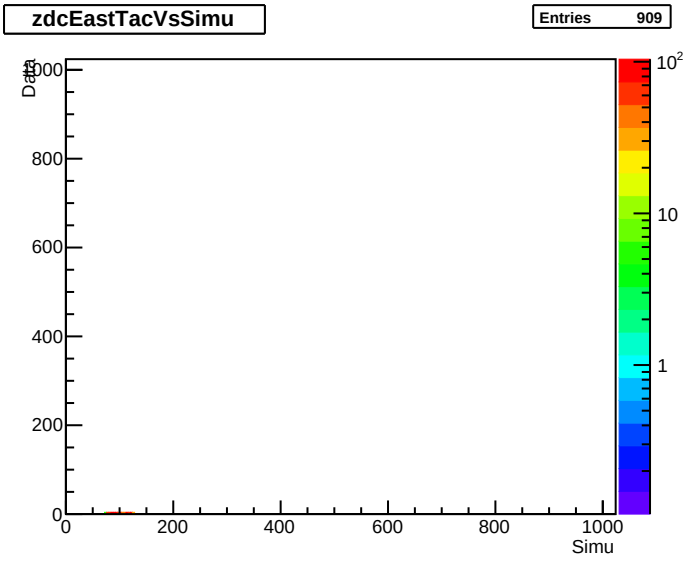

vpdWestAdcSum
Entries 224075

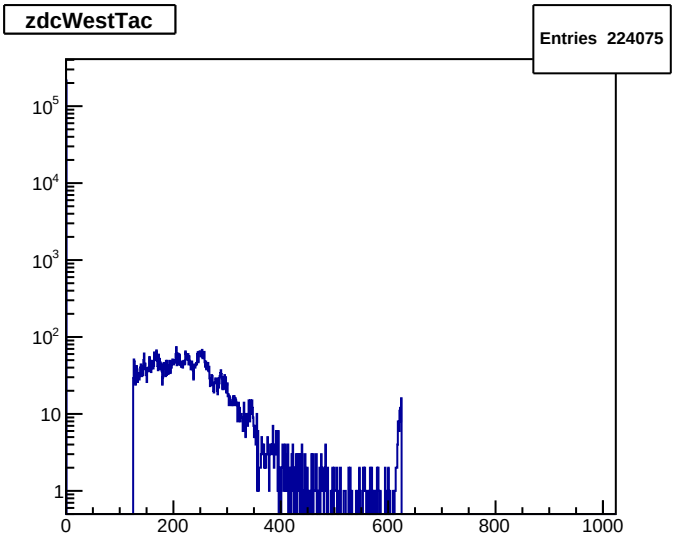

vpdWestAdcSumVsSimu
Entries 181472
Data
Simu

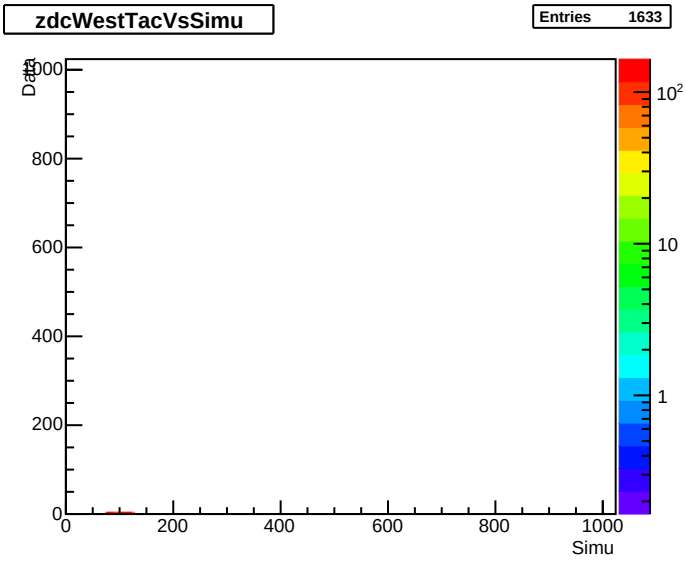

vpdWestTacMax
Entries 224075

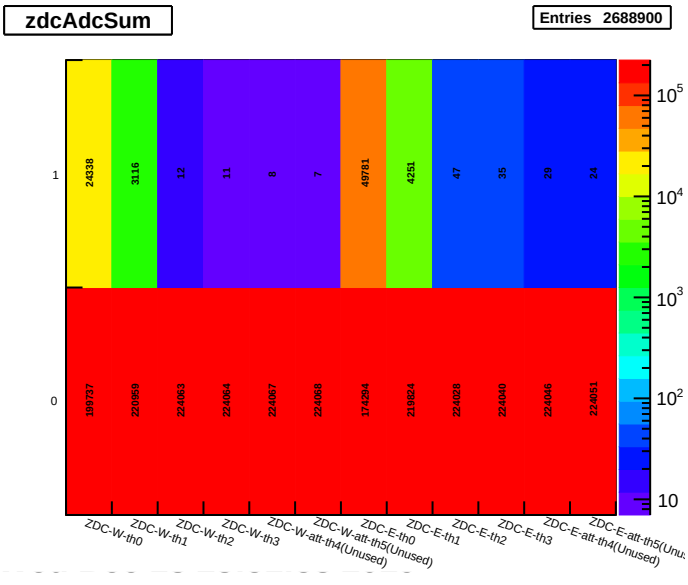

vpdWestTacMaxVsSimu
Entries 181472
Data
Simu

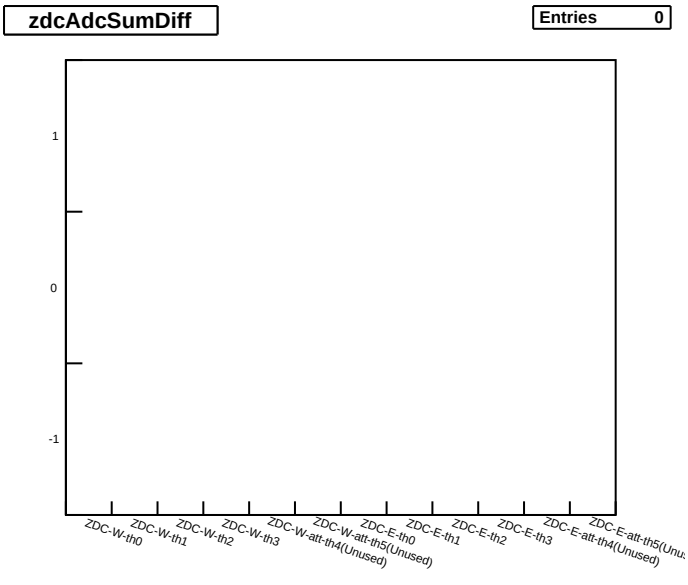

zdcEastTac
Entries 224075

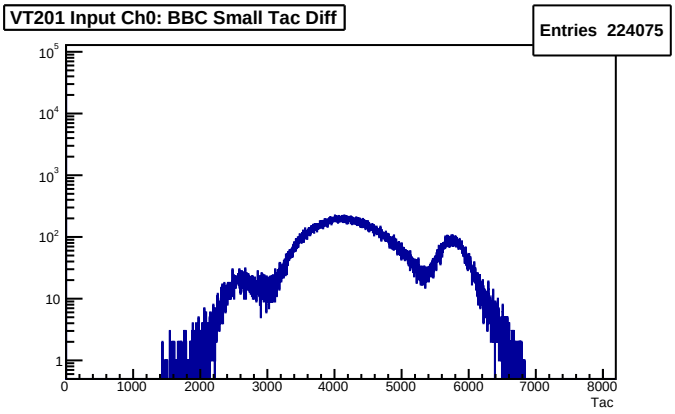

zdcEastTacVsSimu
Entries 909
Data
Simu

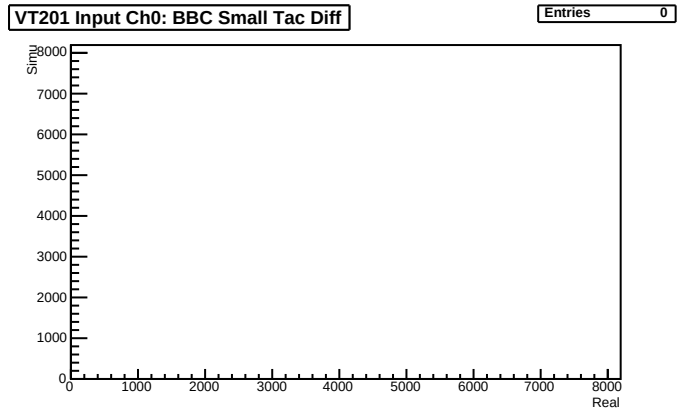

zdcWestTac
Entries 224075

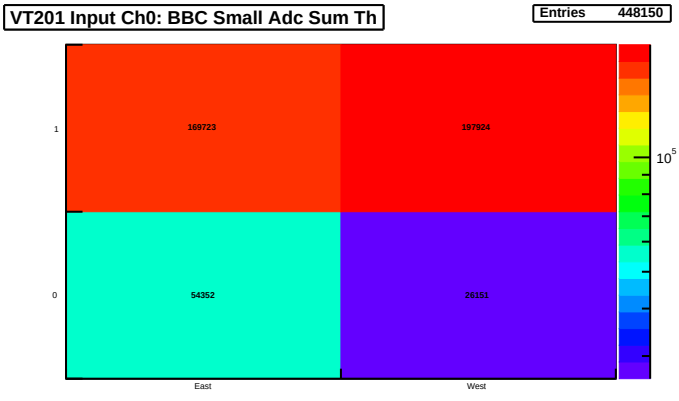

zdcWestTacVsSimu
Entries 1633
Data
Simu

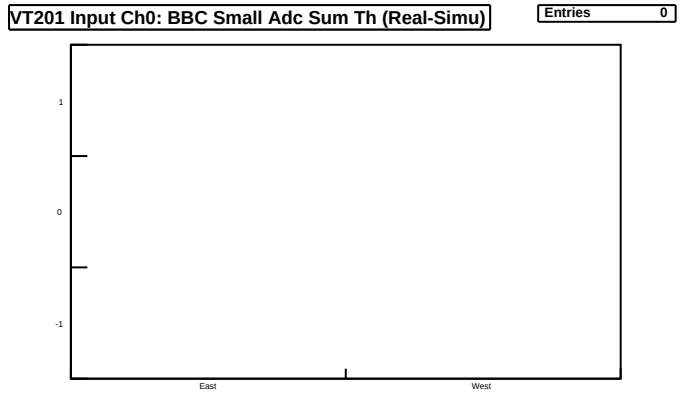

zdcAdcSum
Entries 2688900
24338
3116
12
11
8
7
49781
4251
47
35
29
24
199737
220959
224063
224064
224067
224068
174294
219824
224028
224040
224046
224051
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

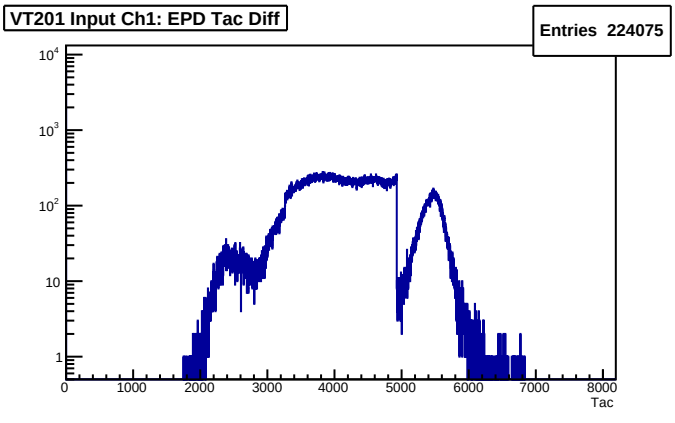

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

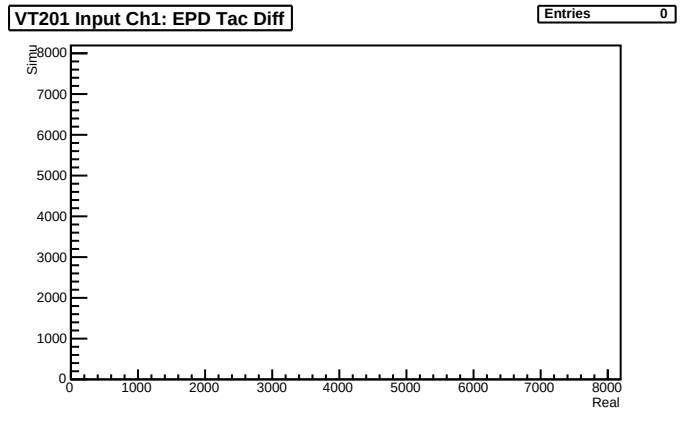

VT201 Input Ch0: BBC Small Tac Diff
Entries 224075
Tac

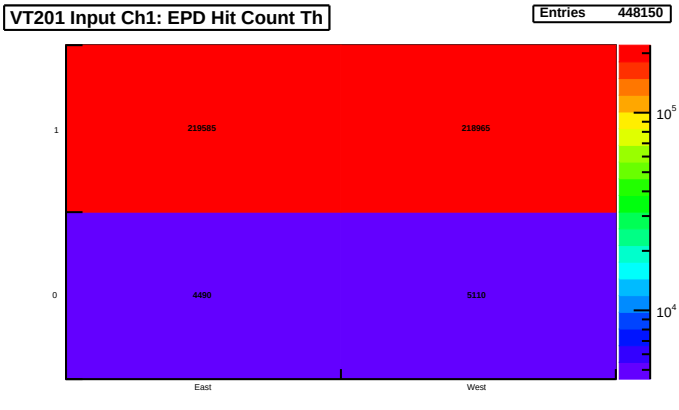

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

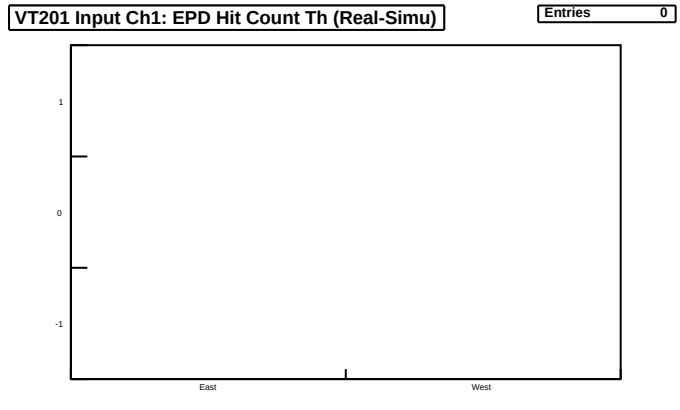

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 448150
169723
197924
54352
26151
East
West

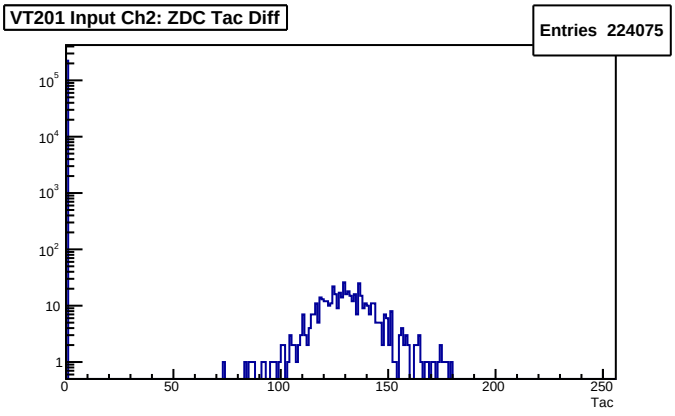

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

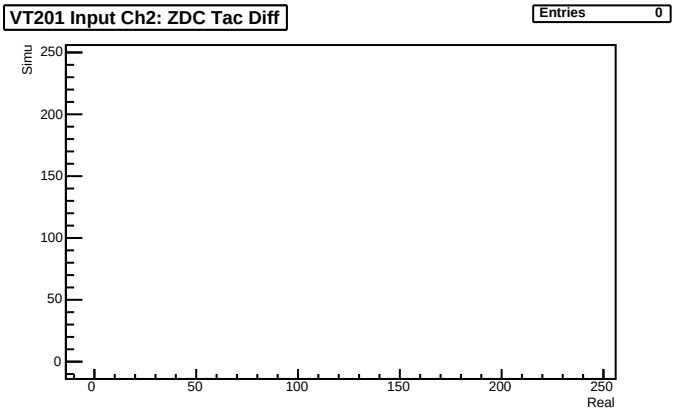

VT201 Input Ch1: EPD Tac Diff
Entries 224075
Tac

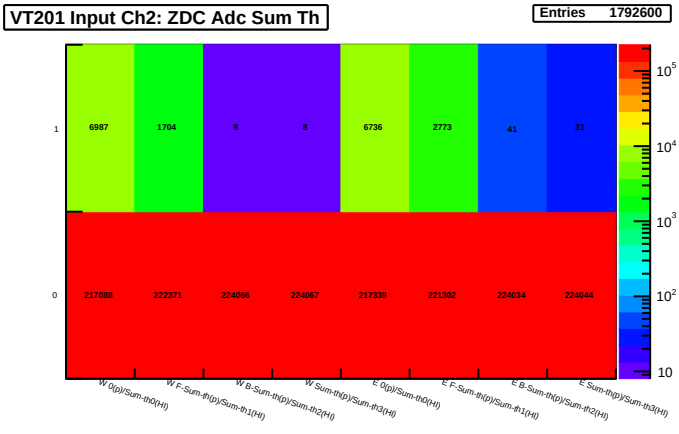

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

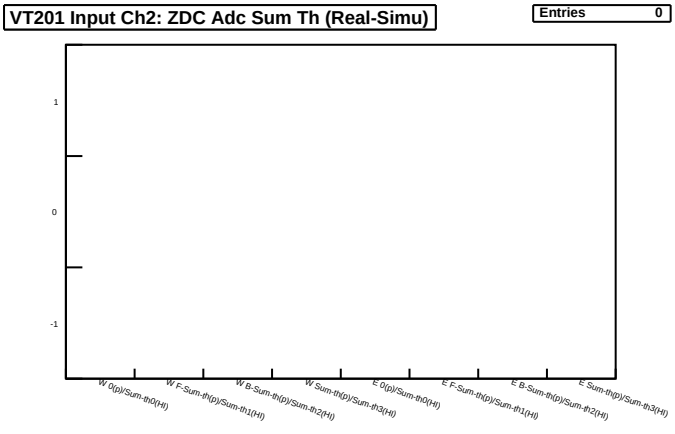

VT201 Input Ch1: EPD Hit Count Th
Entries 448150
219585
219965
4490
5110
East
West

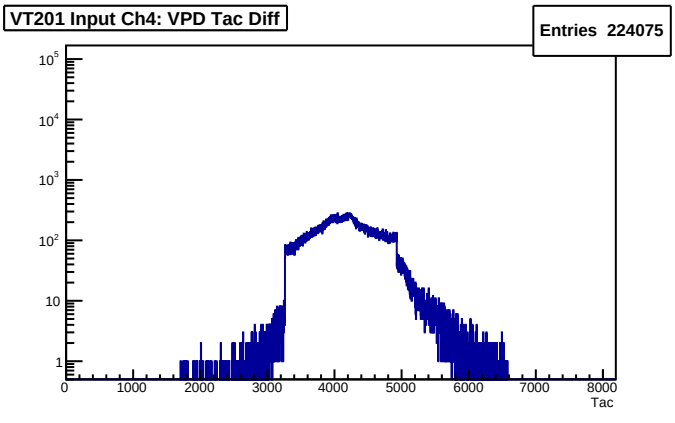

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

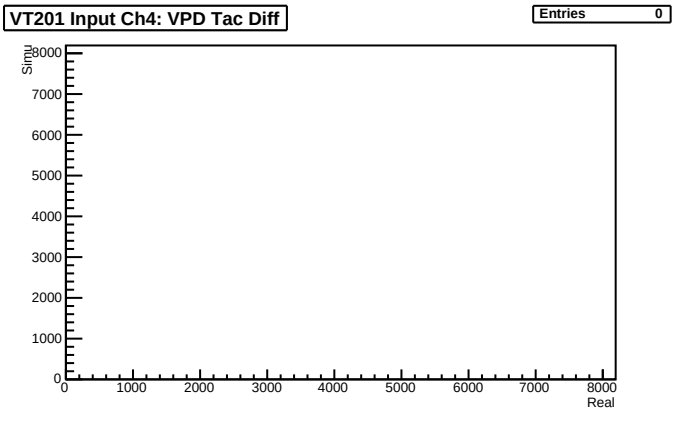

VT201 Input Ch2: ZDC Tac Diff
Entries 224075
Tac

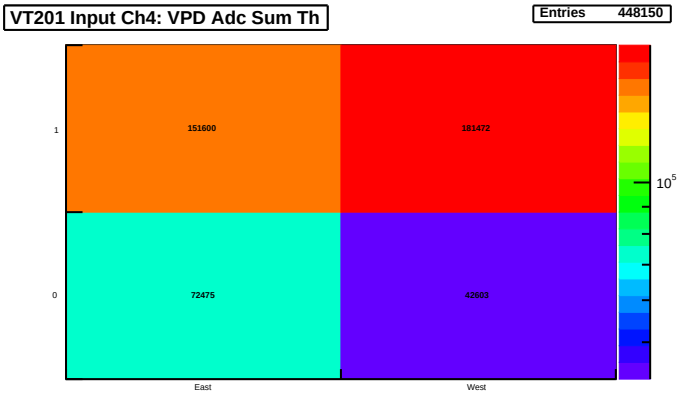

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

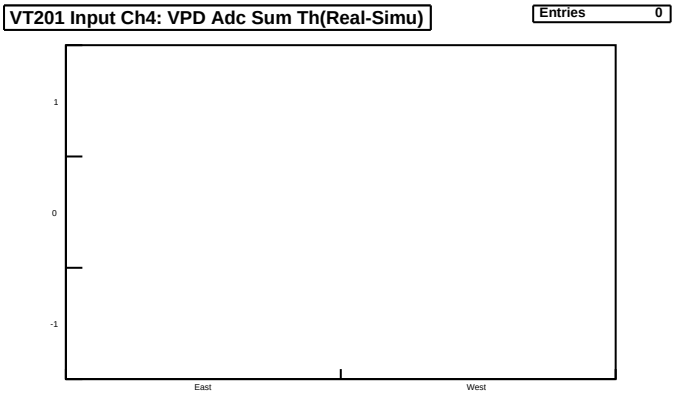

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1792600
6987
1704
9
8
6736
2773
41
31
217088
222371
224066
224067
217339
221302
224034
224044
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

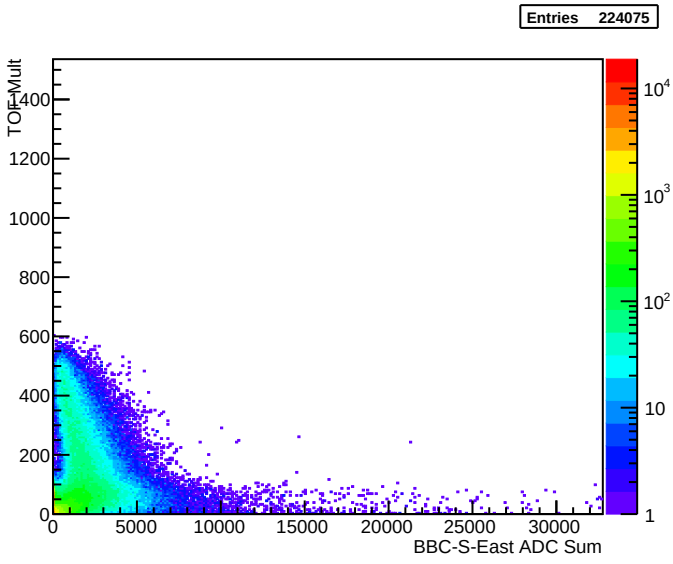

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

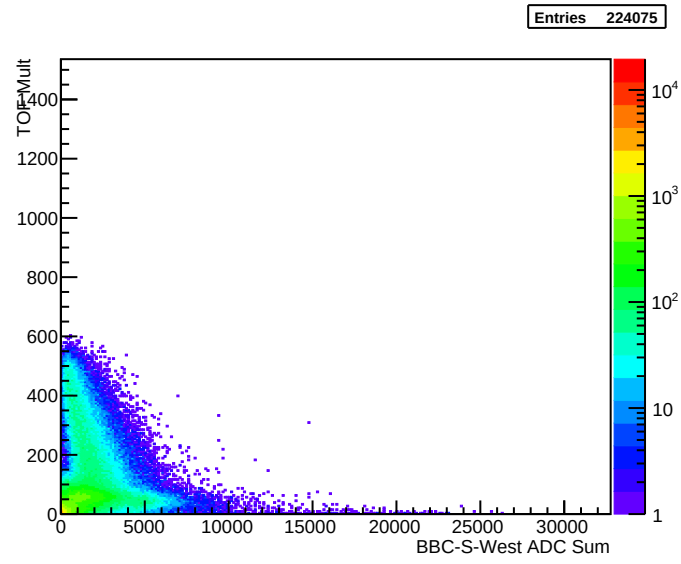

VT201 Input Ch4: VPD Tac Diff
Entries 224075
Tac

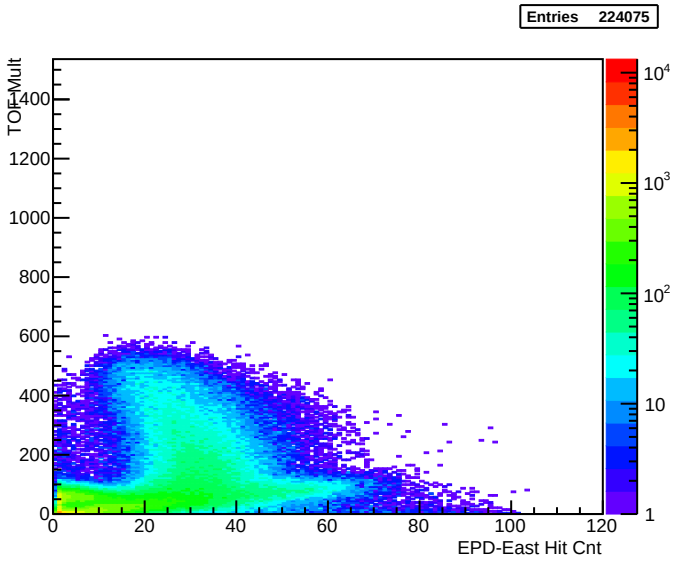

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

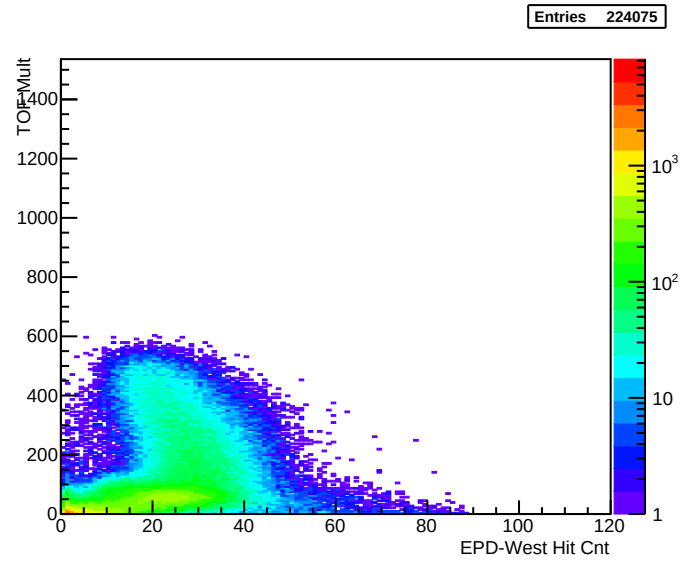

VT201 Input Ch4: VPD Adc Sum Th
Entries 448150
151600
181472
72475
42603
East
West

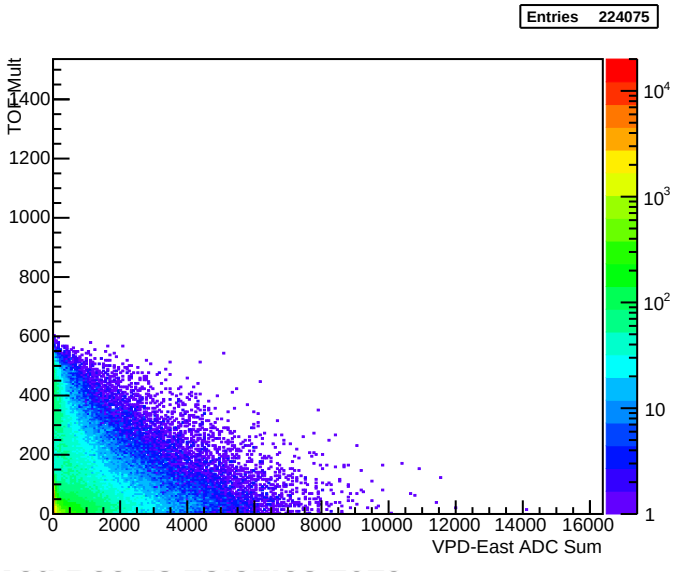

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

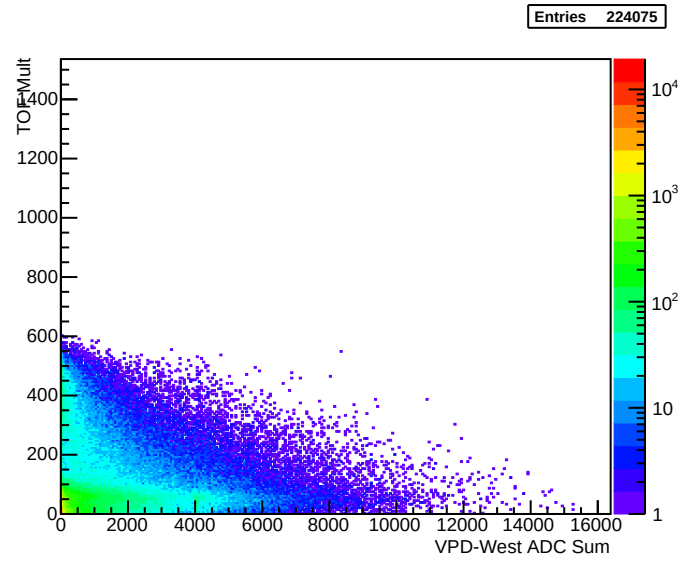

Entries 224075
TOF-Mult
BBC-S-East ADC Sum

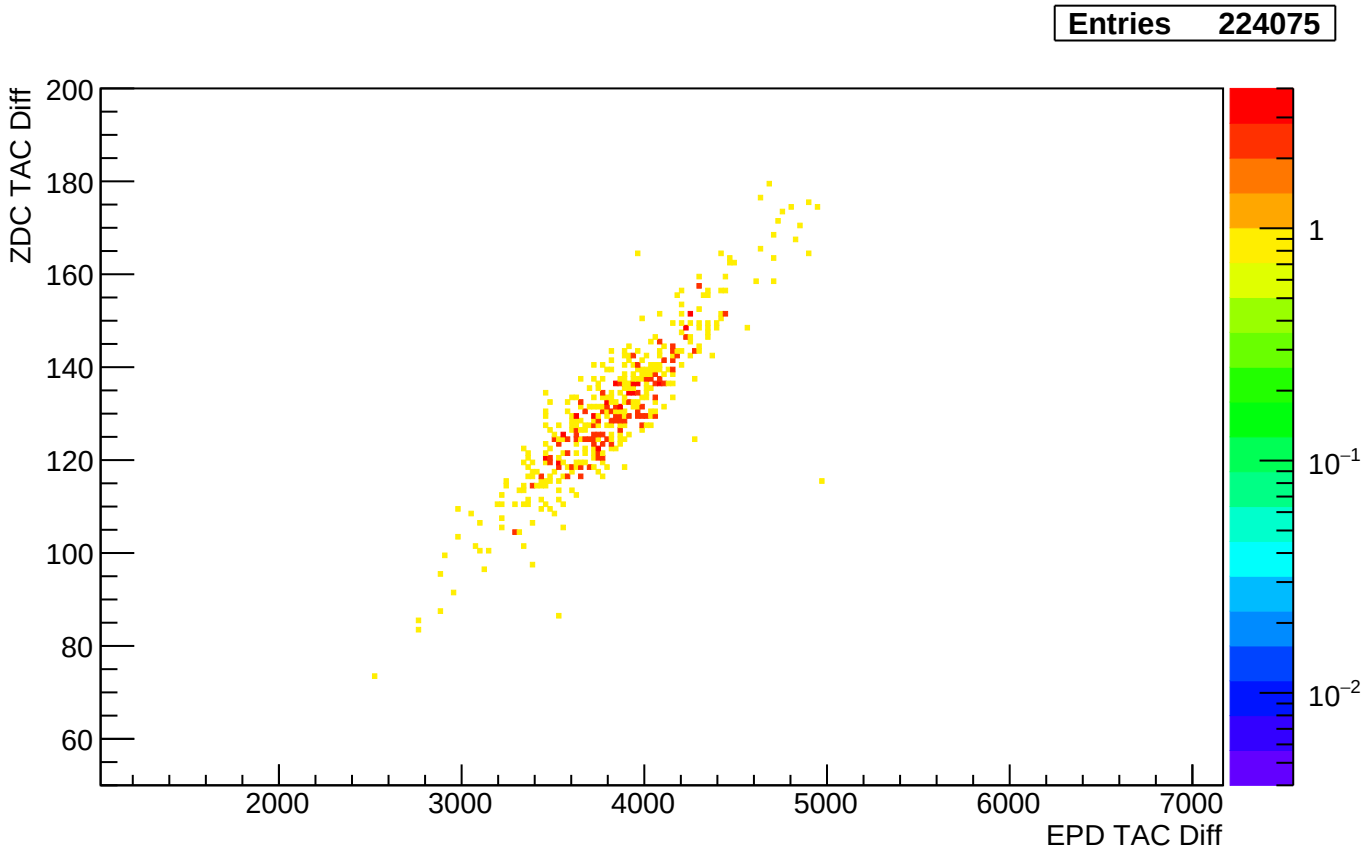

Entries 224075
TOF-Mult
BBC-S-West ADC Sum

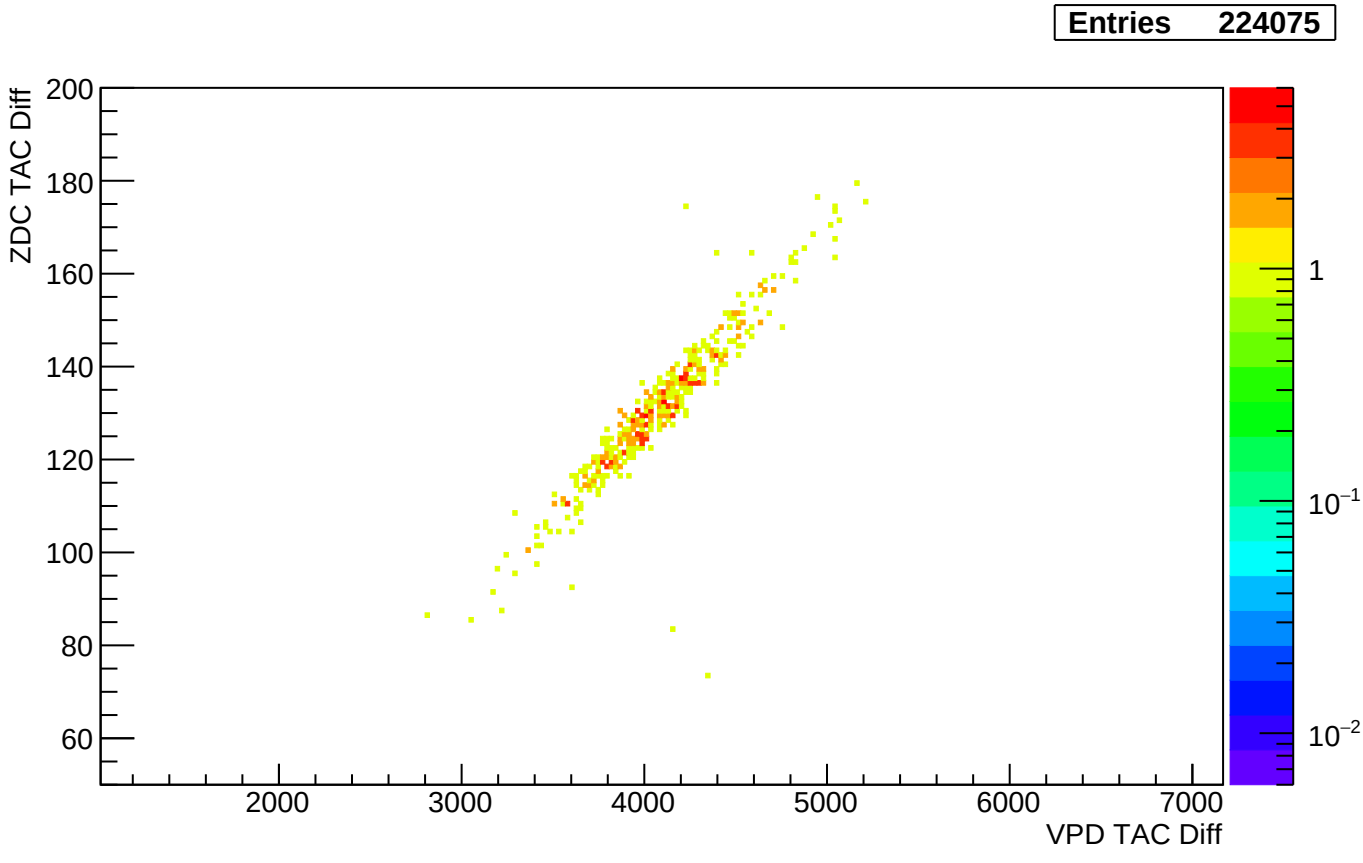

Entries 224075
TOF-Mult
EPD-East Hit Cnt

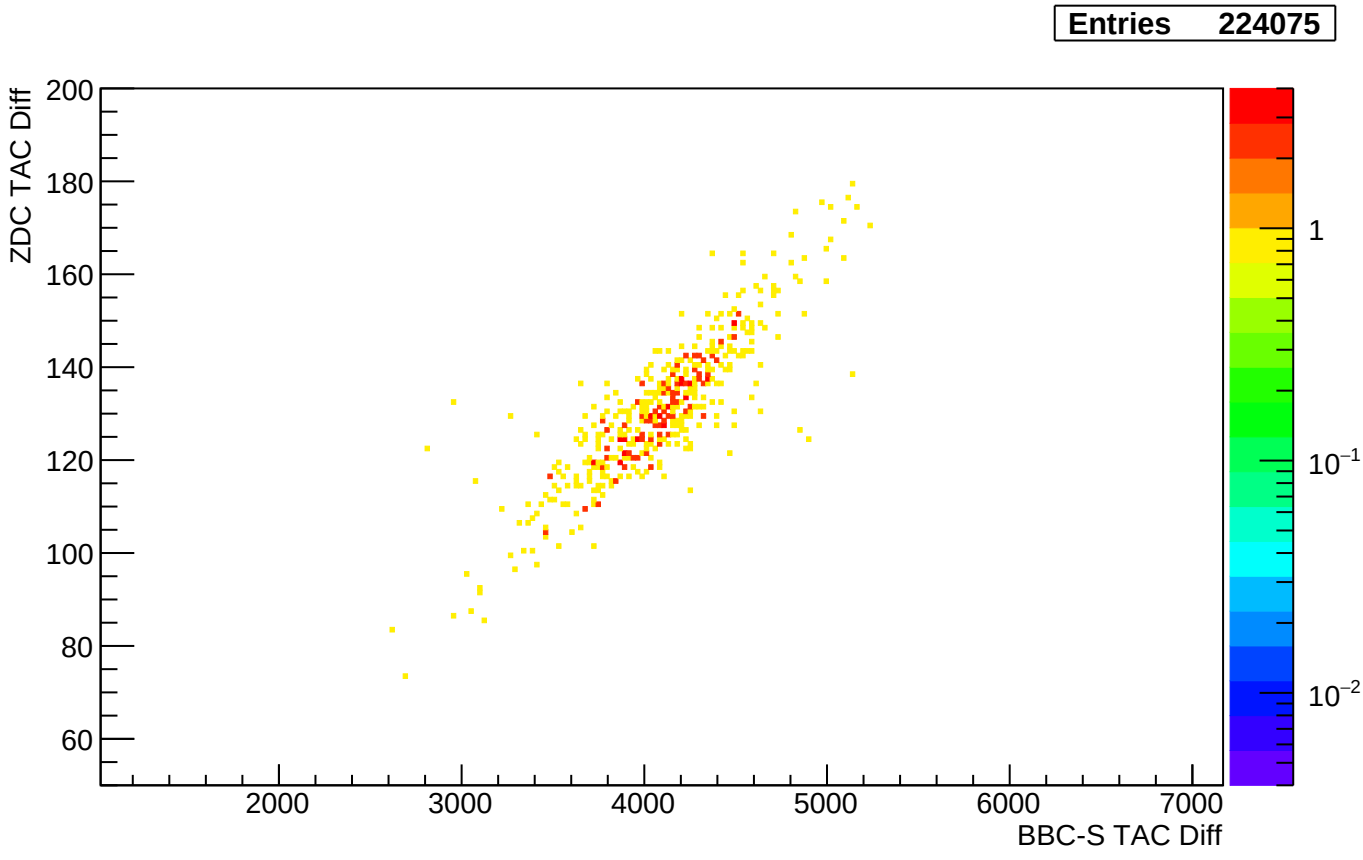

Entries 224075
TOF-Mult
EPD-West Hit Cnt

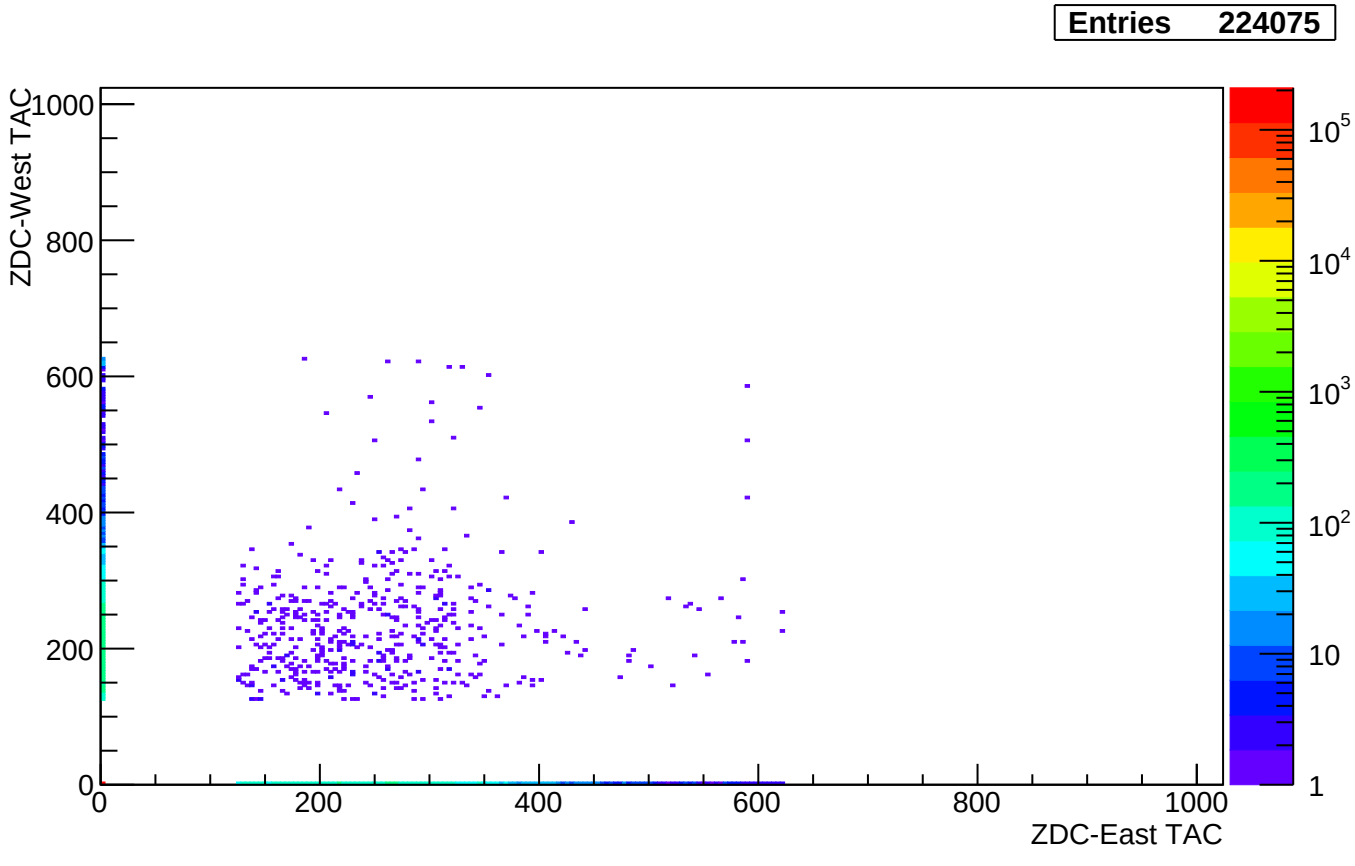

Entries 224075
TOF-Mult
VPD-East ADC Sum

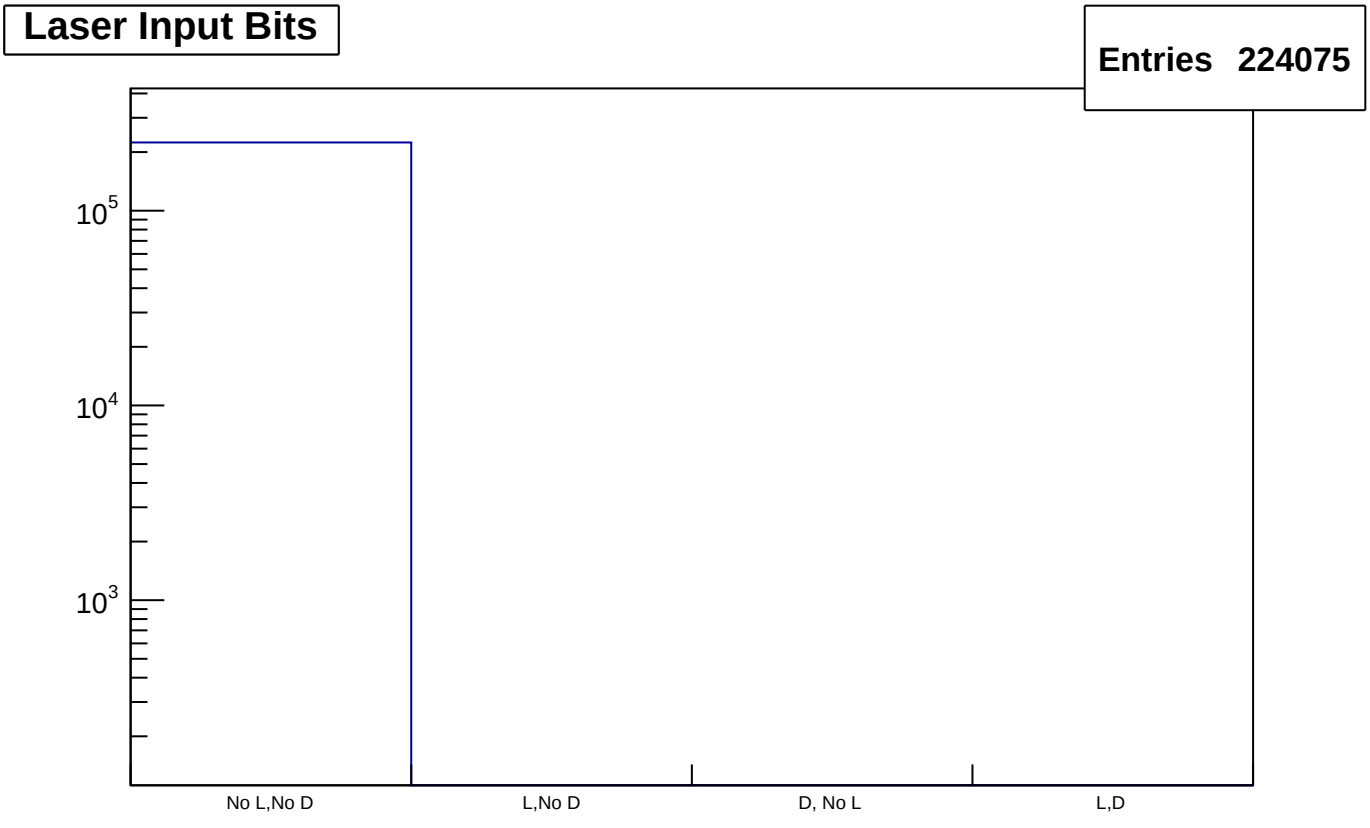

Entries 224075
TOF-Mult
VPD-West ADC Sum

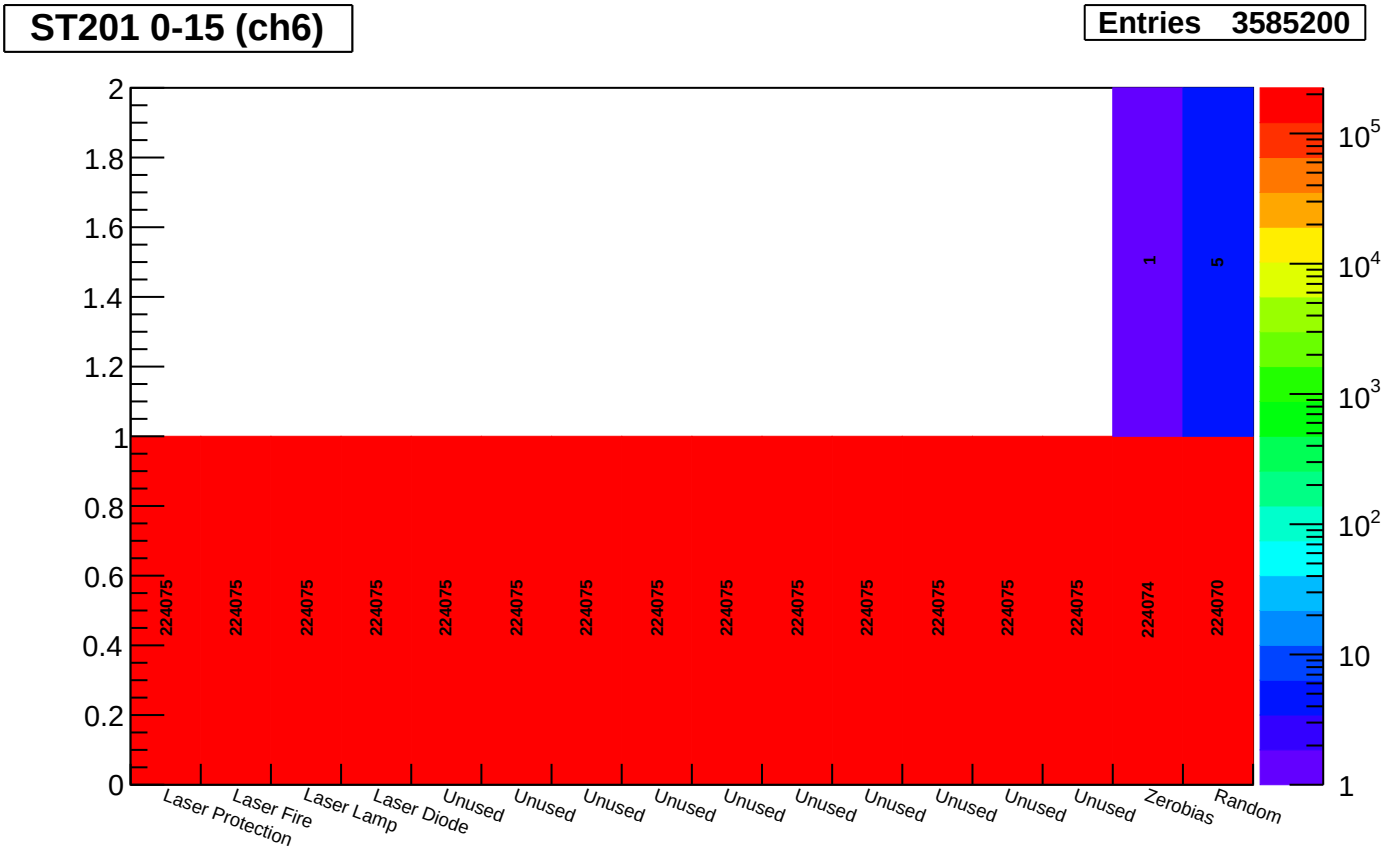

Entries 224075
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

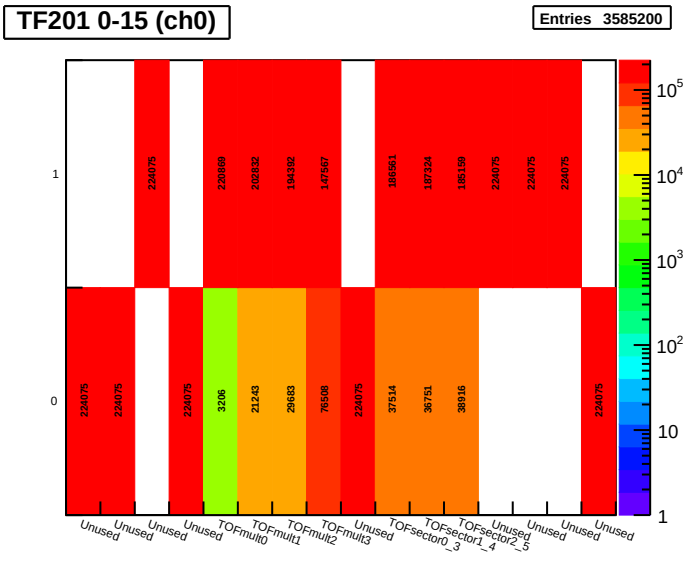

Entries 224075
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

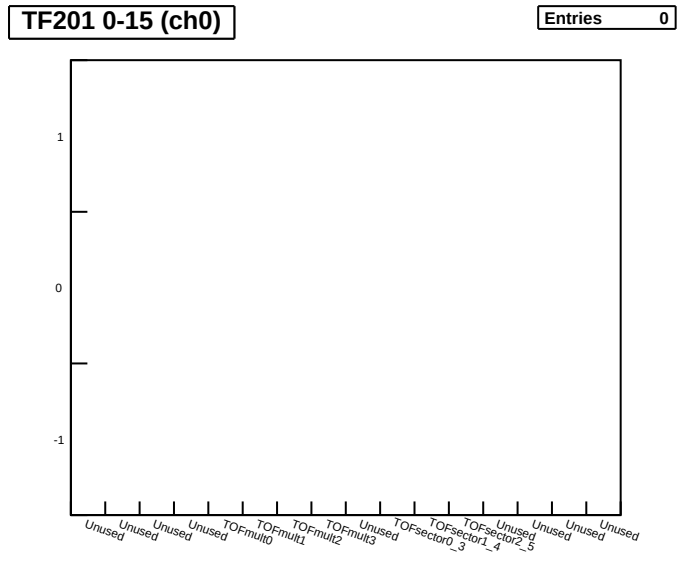

Entries 224075
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

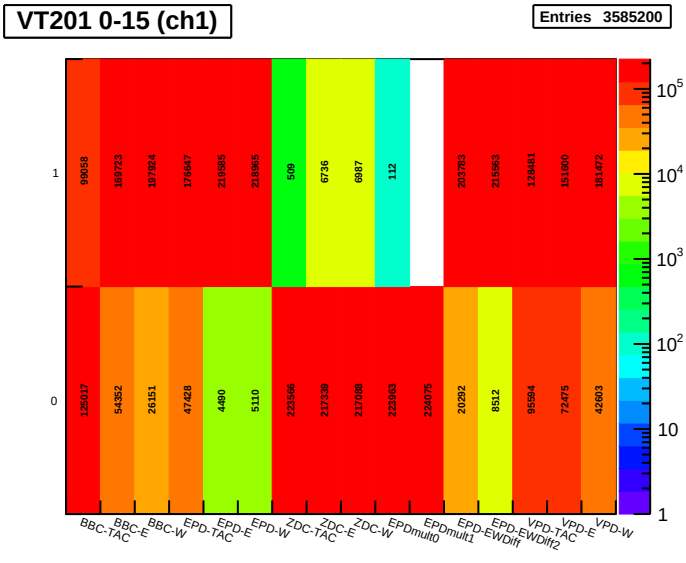

Entries 224075
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

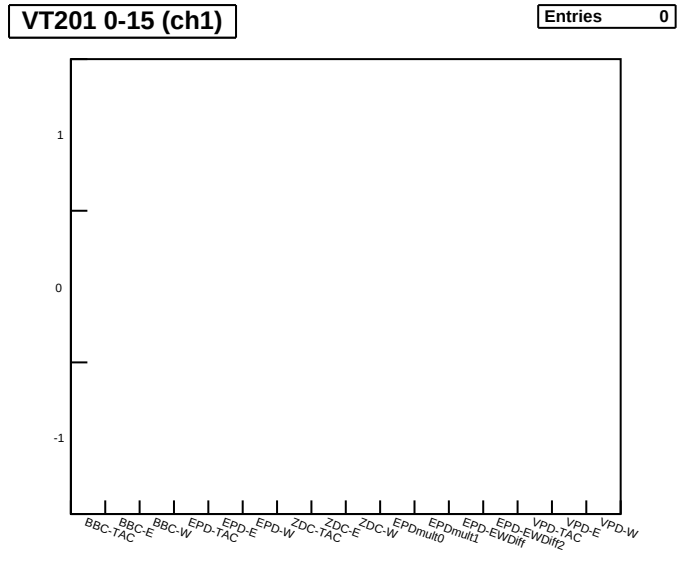

Laser Input Bits
Entries 224075
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

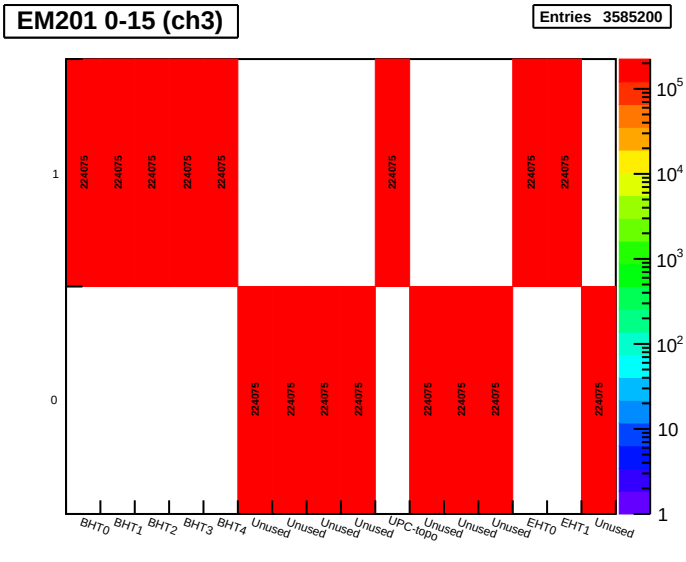

ST201 0-15 (ch6)
Entries 3585200
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
224075
224075
224075
224075
224075
224075
224075
224075
224075
224075
224075
224075
224075
224074
224070
1
5
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

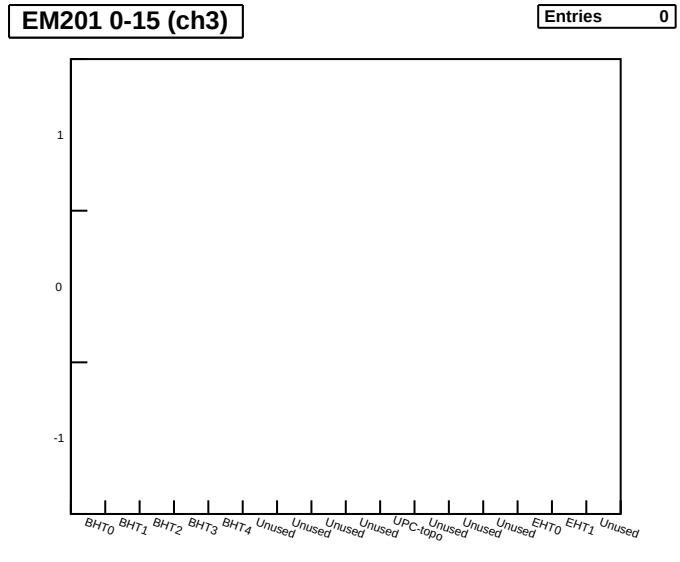

TF201 0-15 (ch0)
Entries 3585200
1
0
224075
220869
202832
194392
147567
186861
187324
185159
224075
224075
224075
224075
224075
224075
3206
21243
29683
76508
224075
37514
36751
38916
224075
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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
Unused


VT201 0-15 (ch1)
Entries 3585200
1
0
99058
169723
197924
176647
219585
218955
509
6736
6987
112
203783
215563
128481
151600
181472
125017
54352
26151
47428
4490
5110
223566
217339
217088
223963
224075
20292
8512
95594
72475
42603
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 3585200
1
0
224075
224075
224075
224075
224075
224075
224075
224075
224075
224075
224075
224075
224075
224075
224075
224075
224075
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