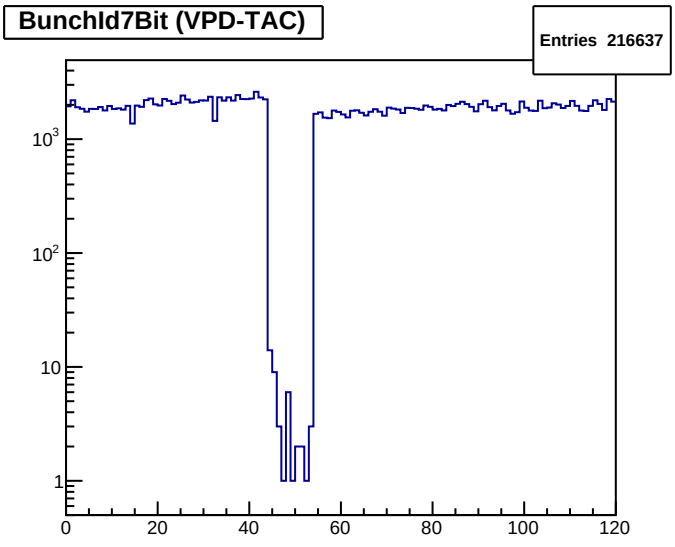
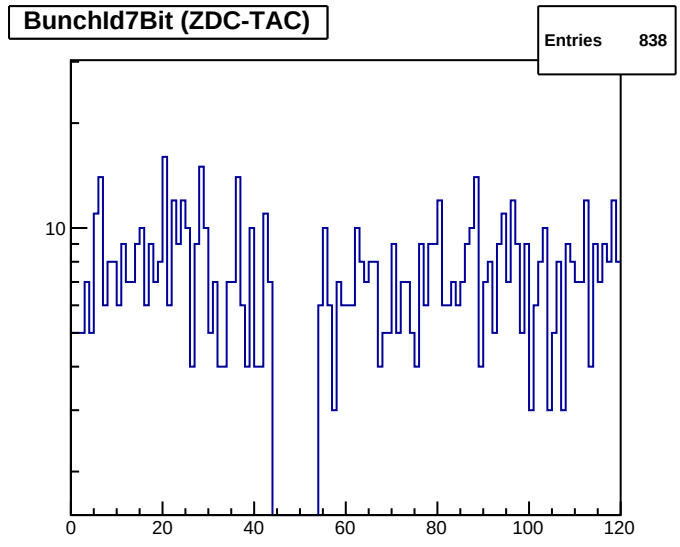
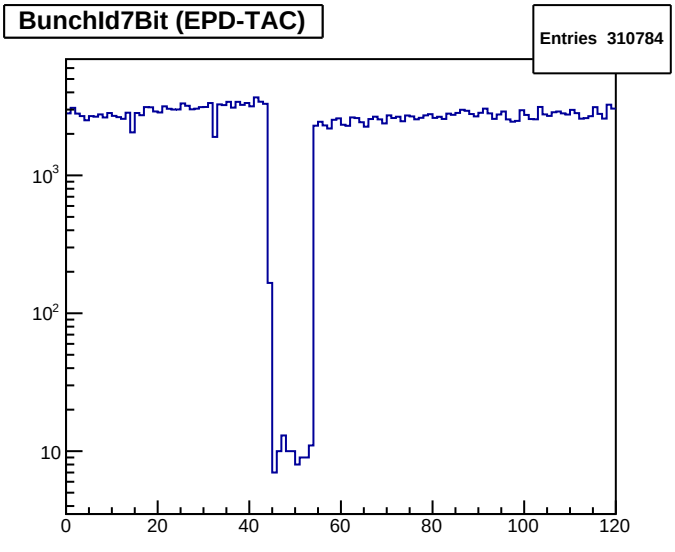
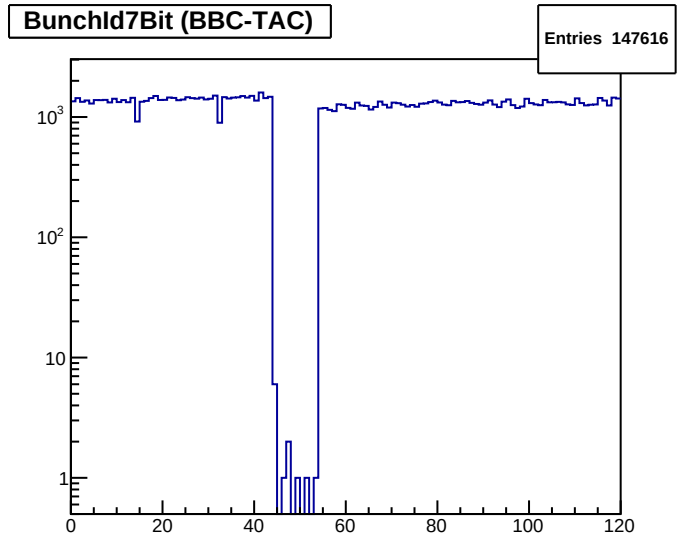
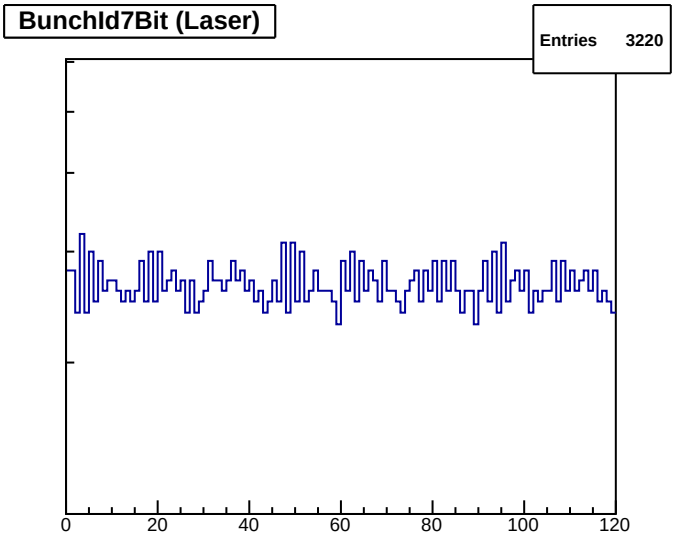
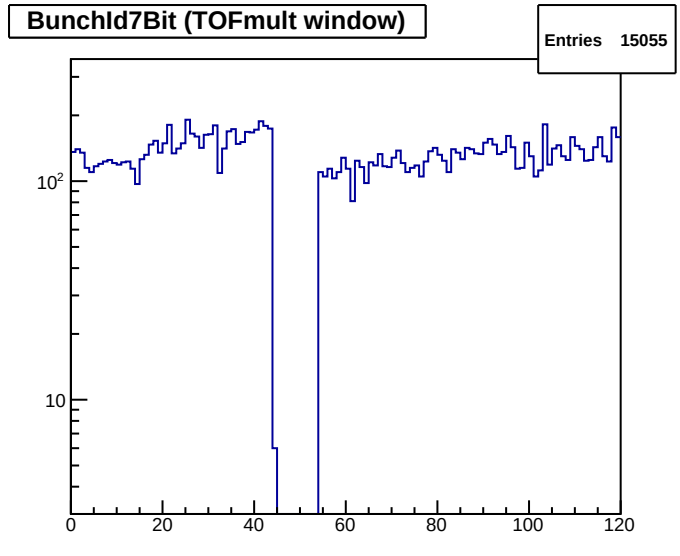

BunchId7Bit (VPD-TAC)
Entries 216637
10^3
10^2
10
1
0
20
40
60
80
100
120

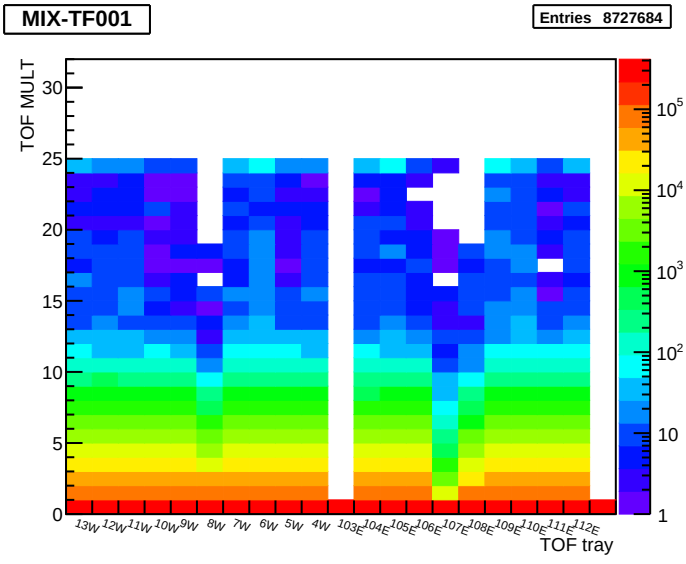

BunchId7Bit (ZDC-TAC)
Entries 838
10
0
20
40
60
80
100
120

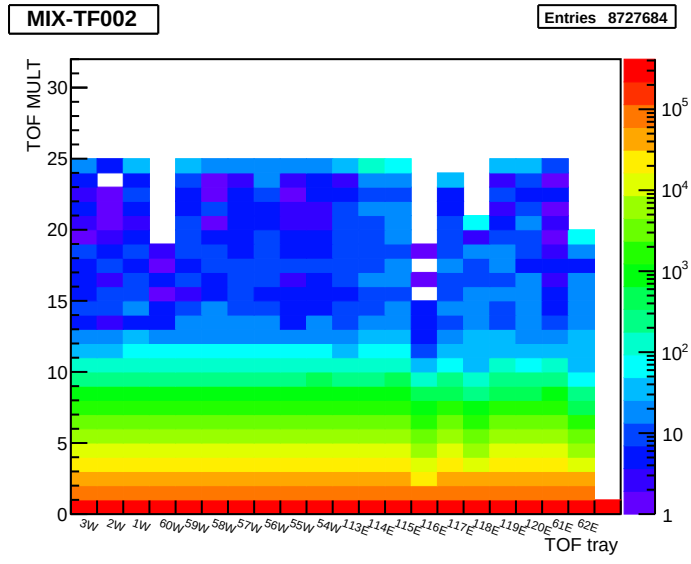

BunchId7Bit (EPD-TAC)
Entries 310784
10^3
10^2
10
0
20
40
60
80
100
120

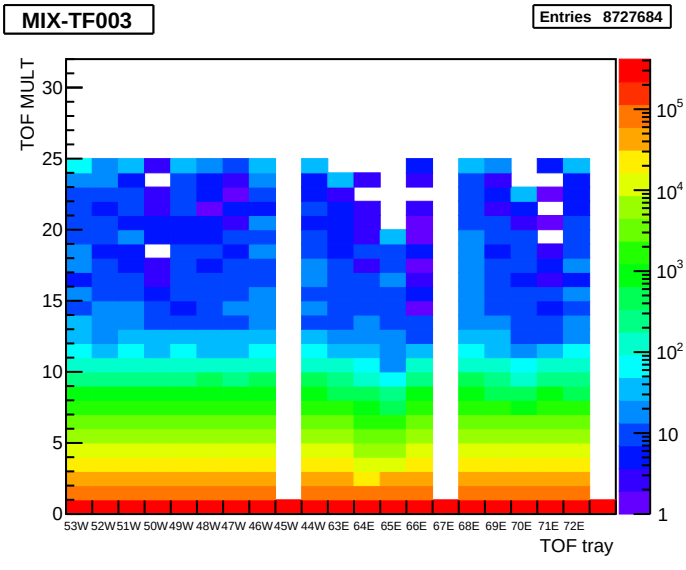

BunchId7Bit (BBC-TAC)
Entries 147616
10^3
10^2
10
1
0
20
40
60
80
100
120

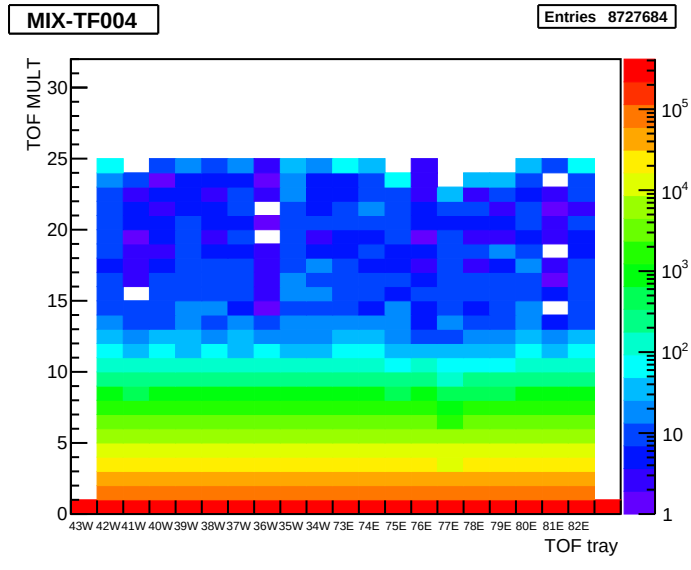

BunchId7Bit (Laser)
Entries 3220
0
20
40
60
80
100
120

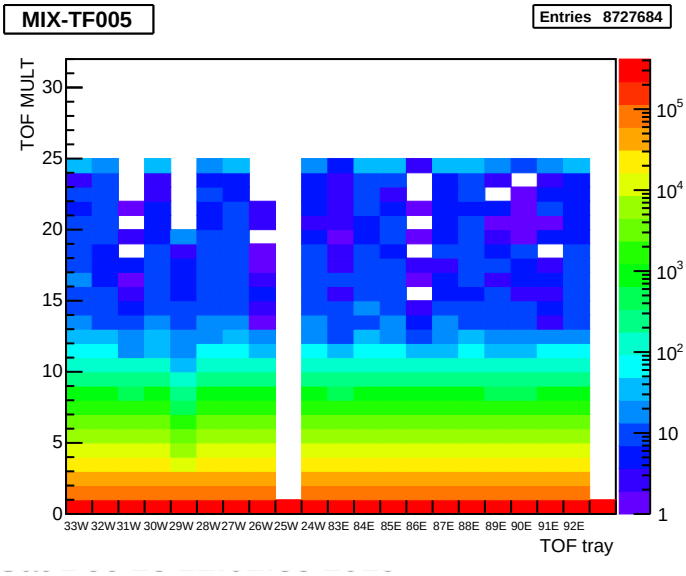

BunchId7Bit (TOFmult window)
Entries 15055
10^2
10
0
20
40
60
80
100
120

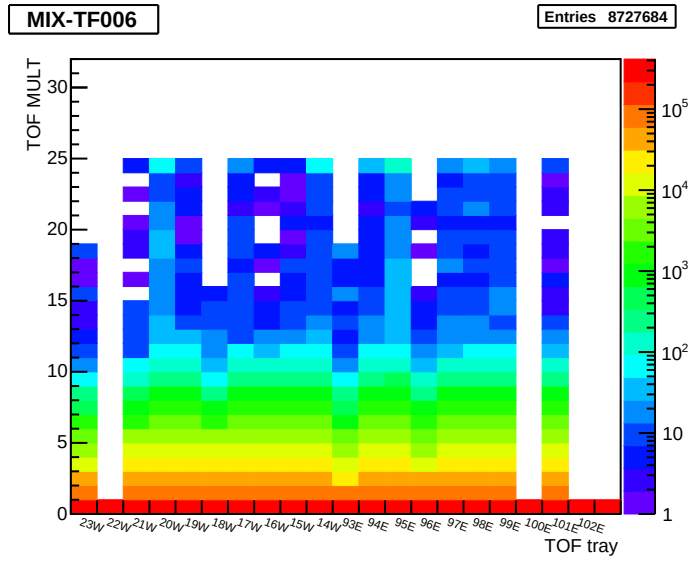

MIX-TF001
Entries 8727684
TOF MULT
TOF tray

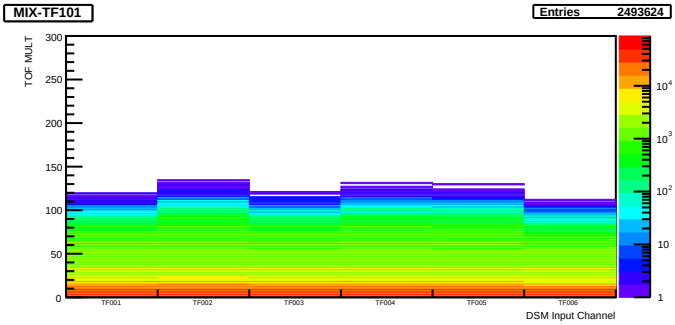

MIX-TF002
Entries 8727684
TOF MULT
TOF tray

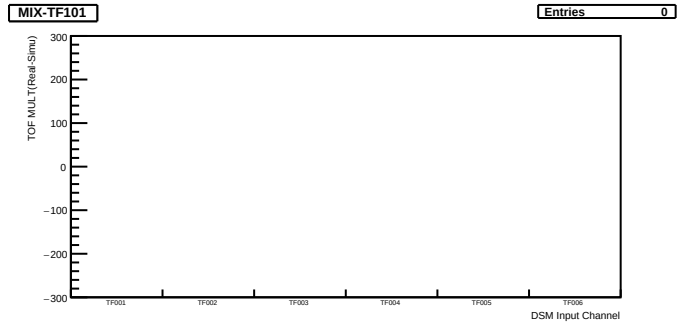

MIX-TF003
Entries 8727684
TOF MULT
TOF tray

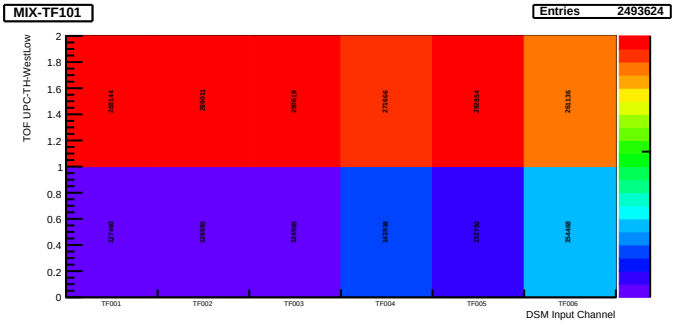

MIX-TF004
Entries 8727684
TOF MULT
TOF tray

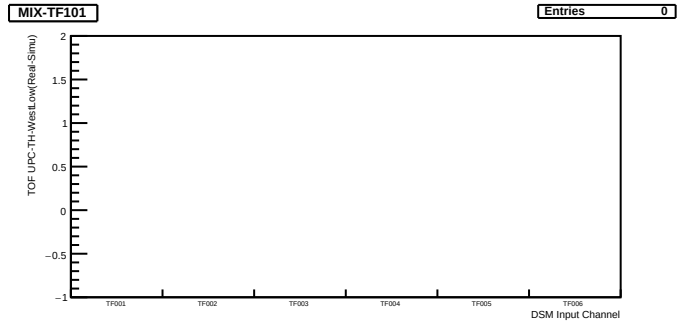

MIX-TF005
Entries 8727684
TOF MULT
TOF tray

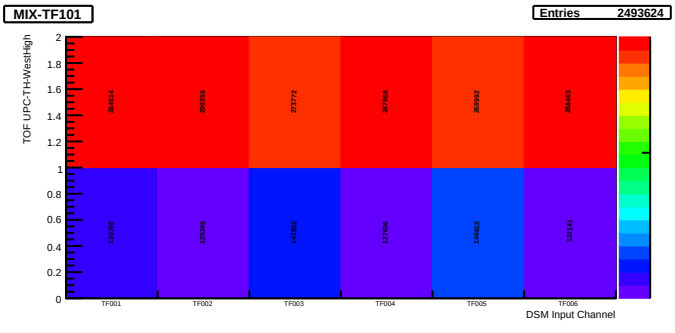

MIX-TF006
Entries 8727684
TOF MULT
TOF tray

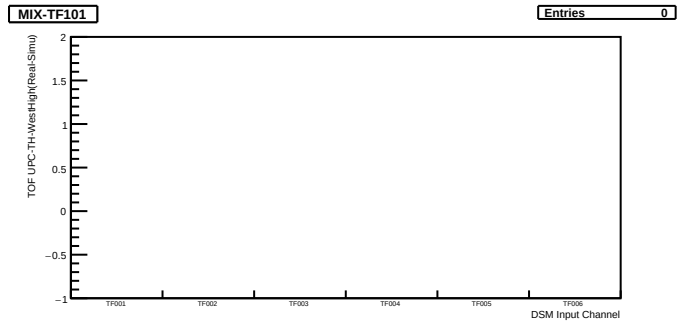

MIX-TF101
Entries 2493624
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

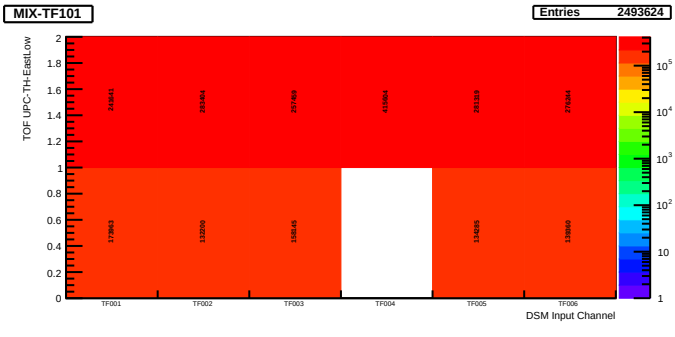

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

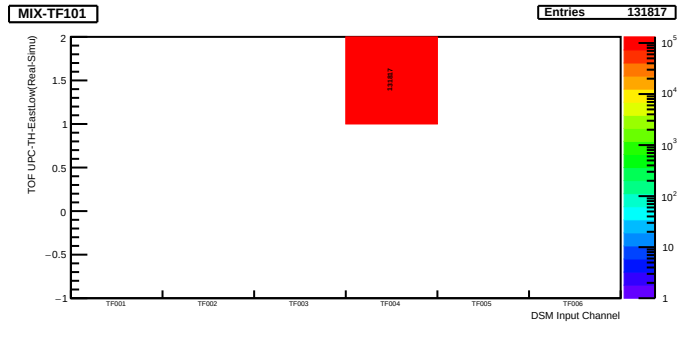

MIX-TF101
Entries 2493624
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

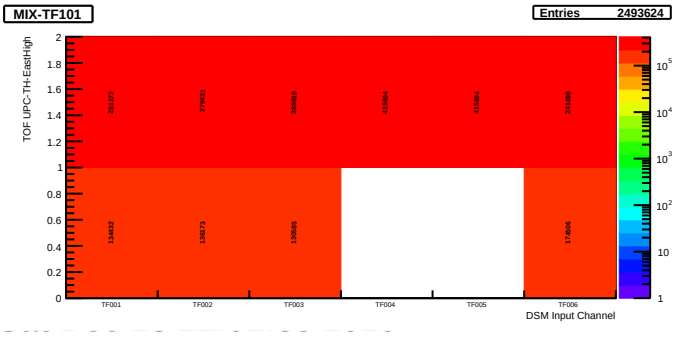

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

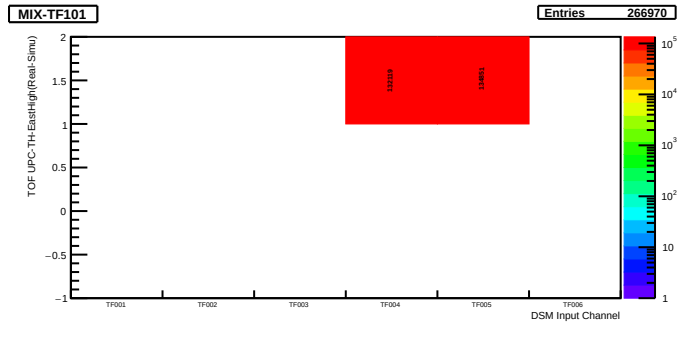

MIX-TF101
Entries 2493624
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

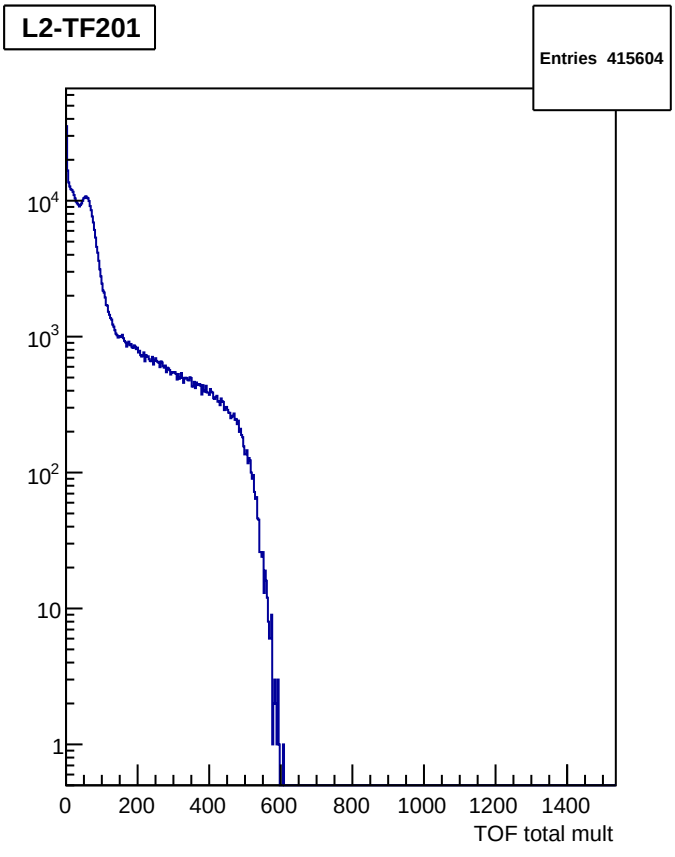

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

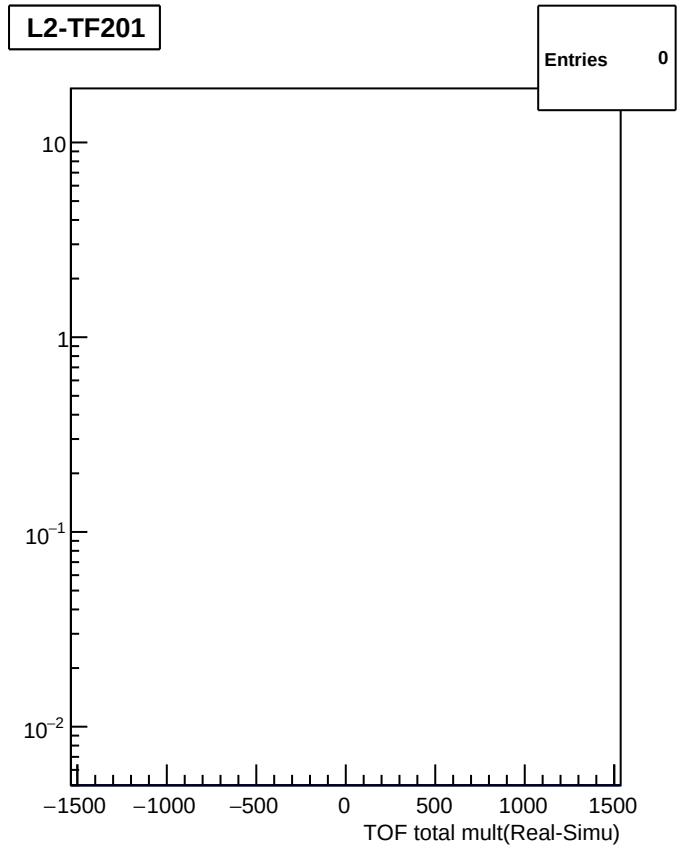

MIX-TF101
Entries 2493624
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

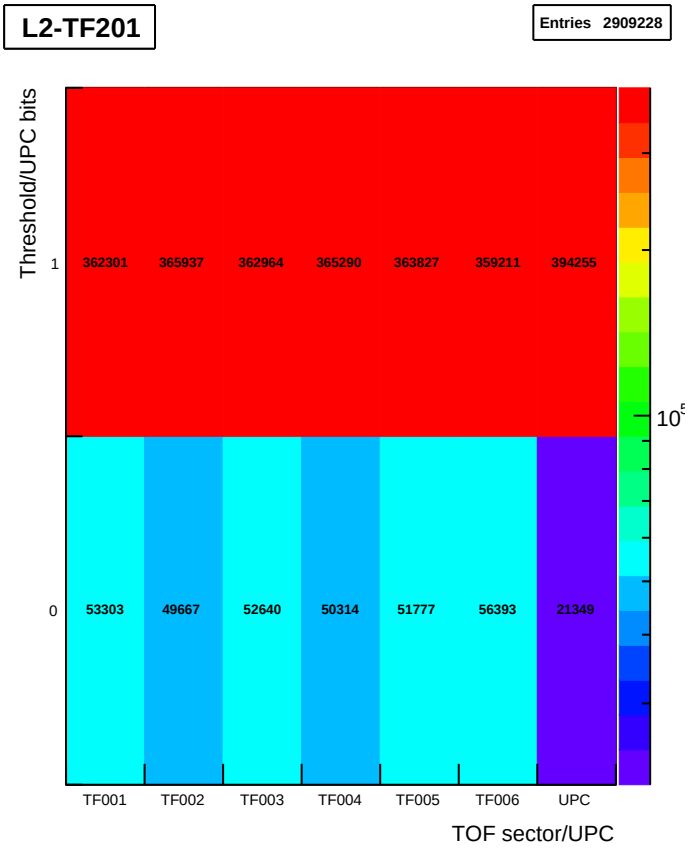

MIX-TF101
Entries 131817
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

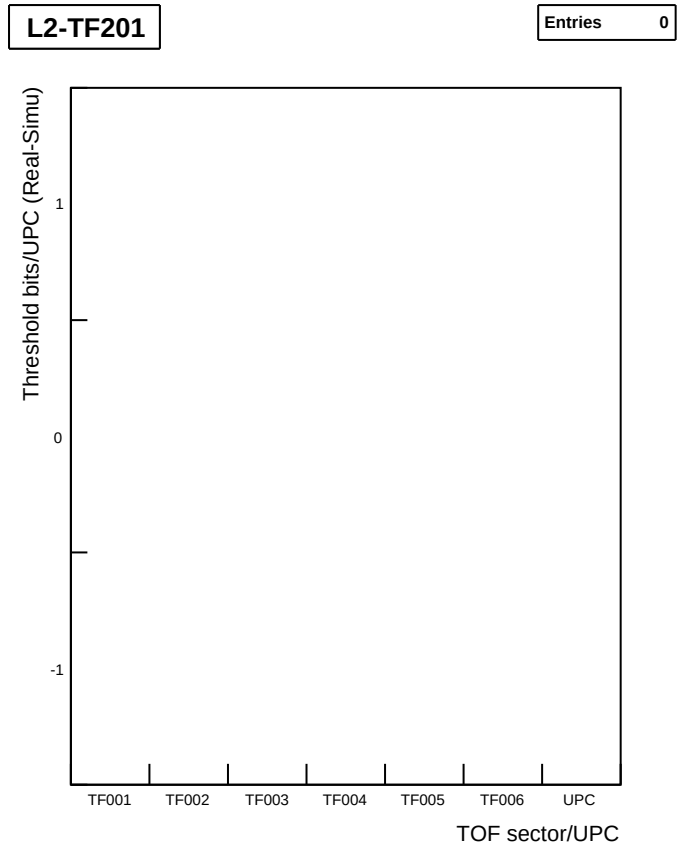

MIX-TF101
Entries 2493624
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

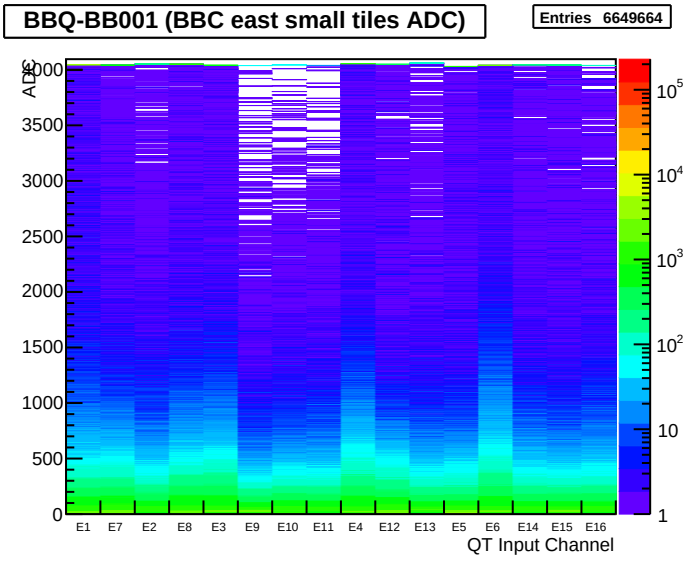

MIX-TF101
Entries 266970
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

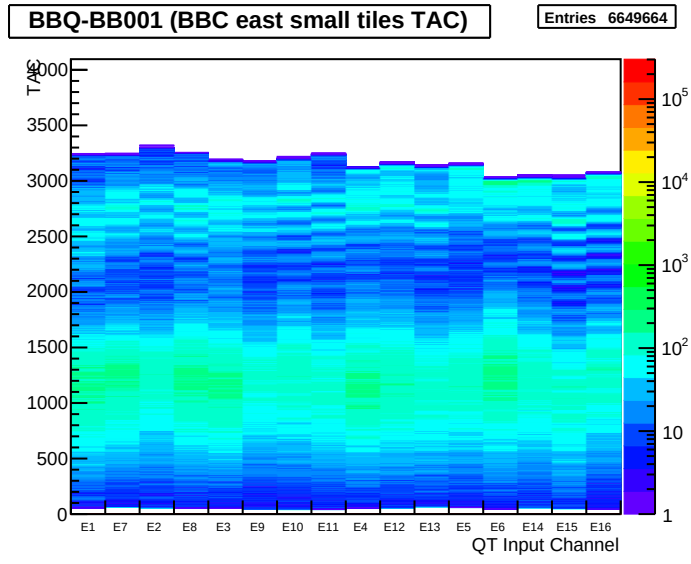

L2-TF201
Entries 415604
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

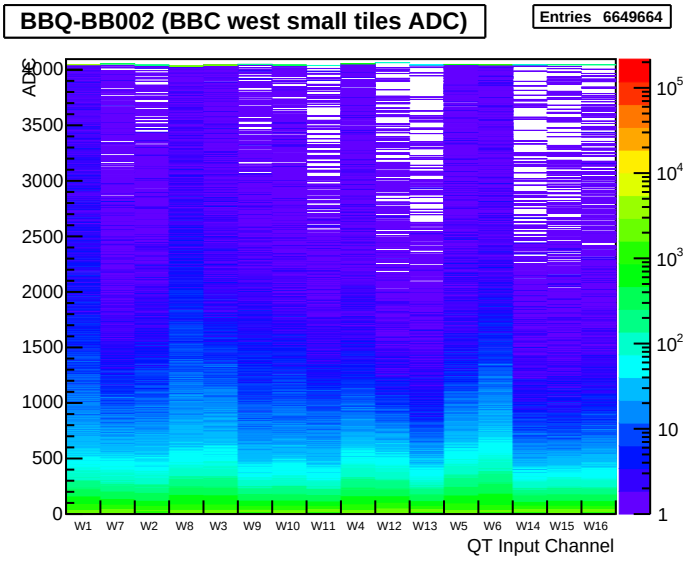

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

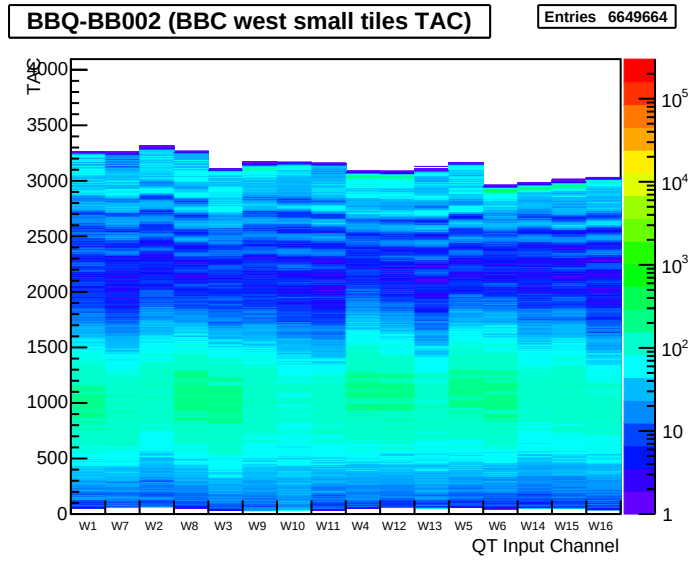

L2-TF201
Entries 2909228
Threshold/UPC bits
1
0
362301
365937
362964
365290
363827
359211
394255
53303
49667
52640
50314
51777
56393
21349
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

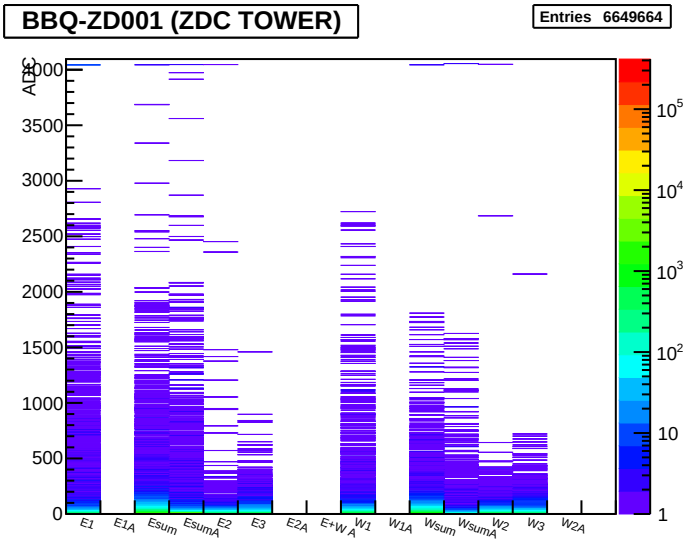

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

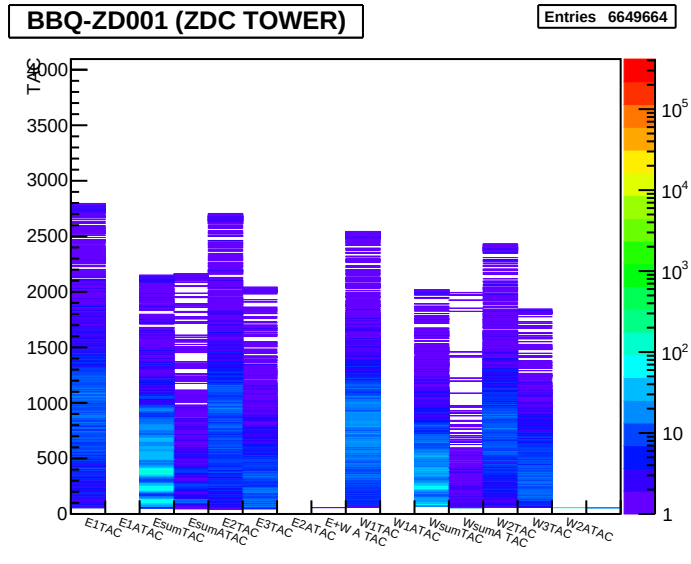

BBQ-BB001 (BBC east small tiles ADC)
Entries 6649664
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

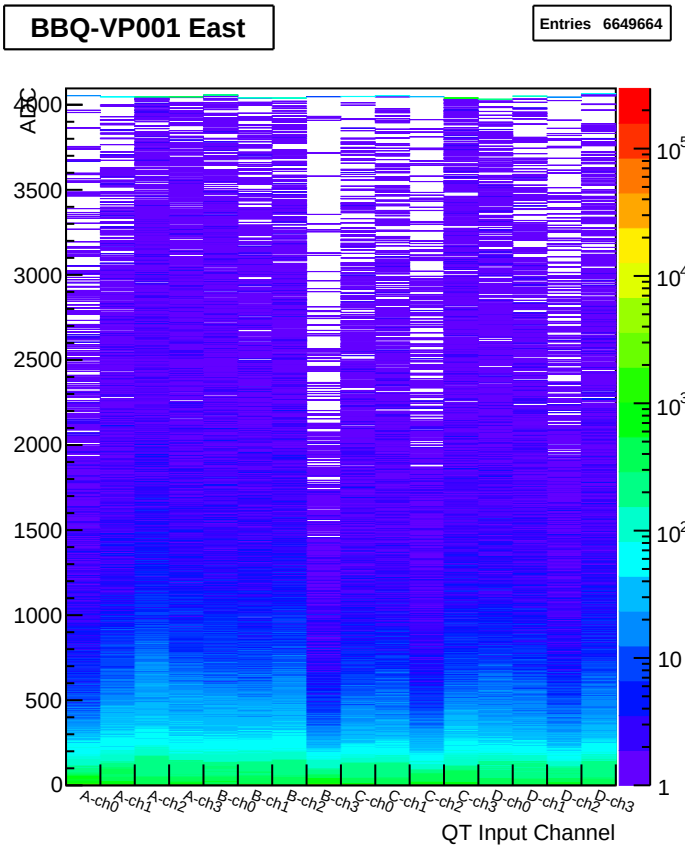

BBQ-BB001 (BBC east small tiles TAC)
Entries 6649664
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

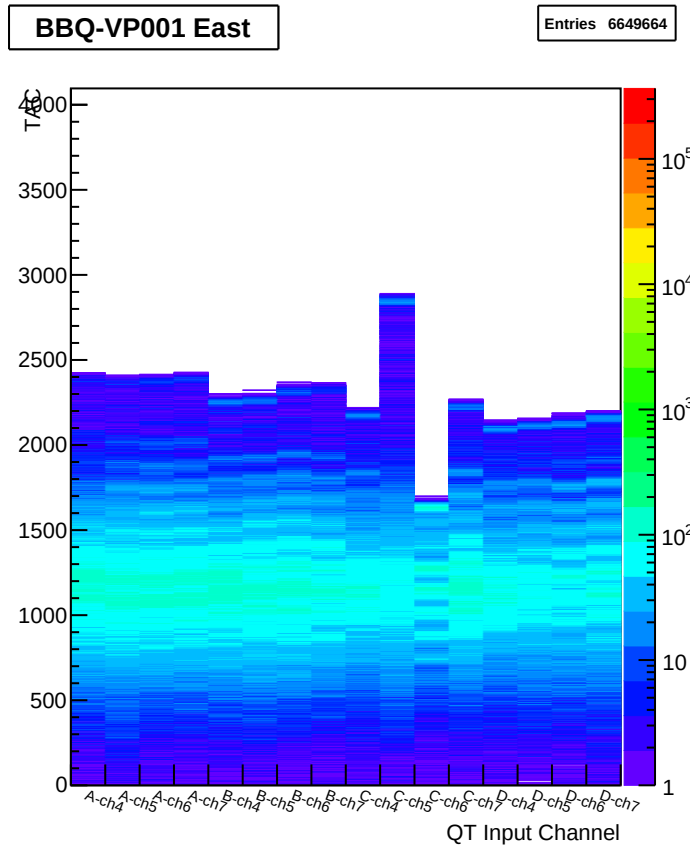

BBQ-BB002 (BBC west small tiles ADC)
Entries 6649664
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

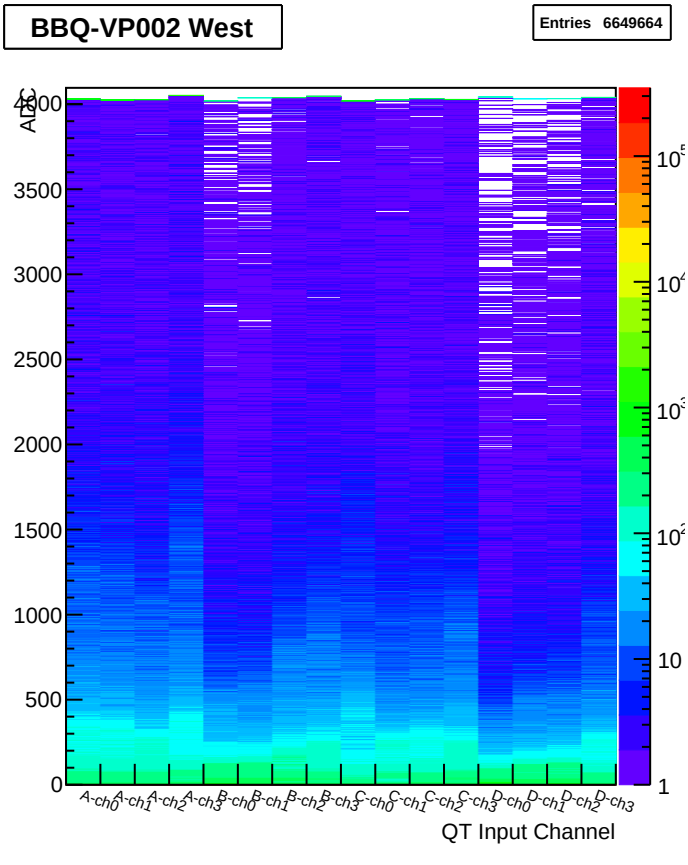

BBQ-BB002 (BBC west small tiles TAC)
Entries 6649664
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

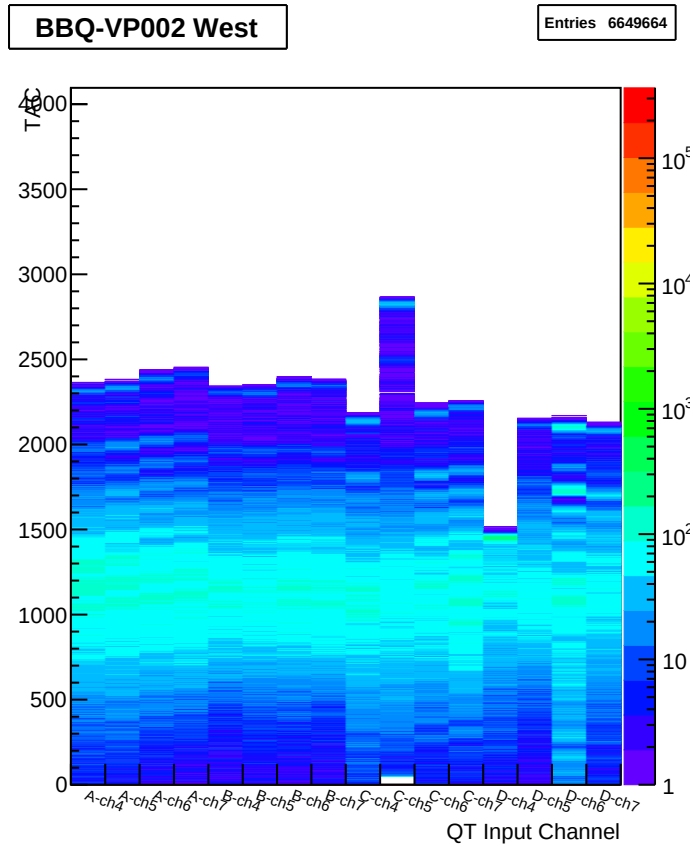

BBQ-ZD001 (ZDC TOWER)
Entries 6649664
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

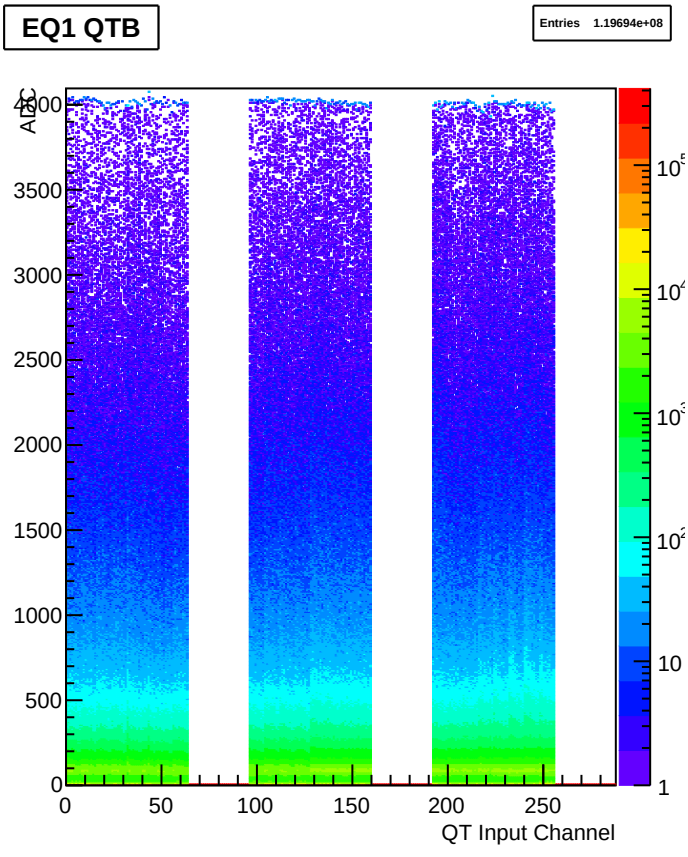

BBQ-ZD001 (ZDC TOWER)
Entries 6649664
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

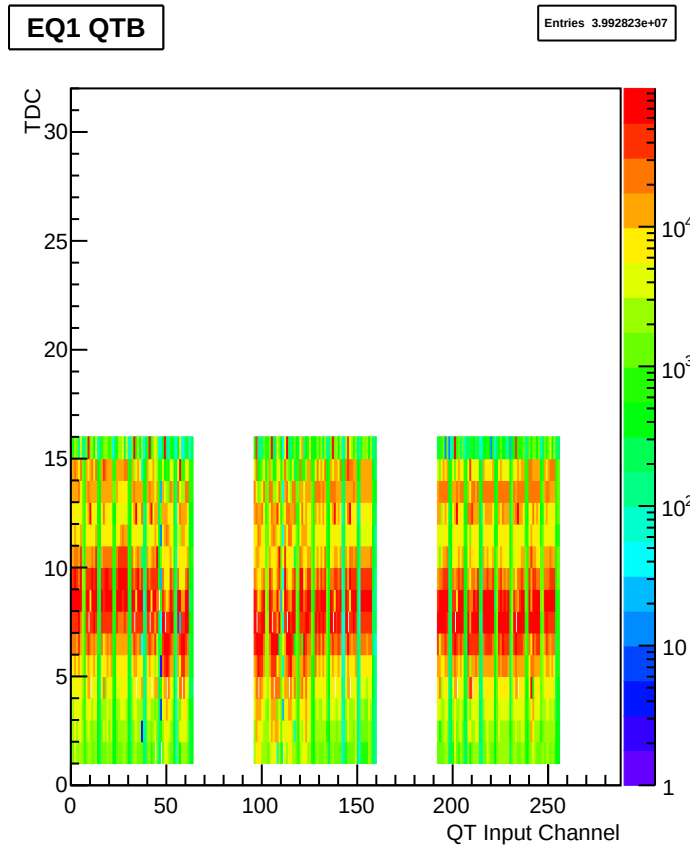

BBQ-VP001 East
Entries 6649664
ADC
QT Input Channel

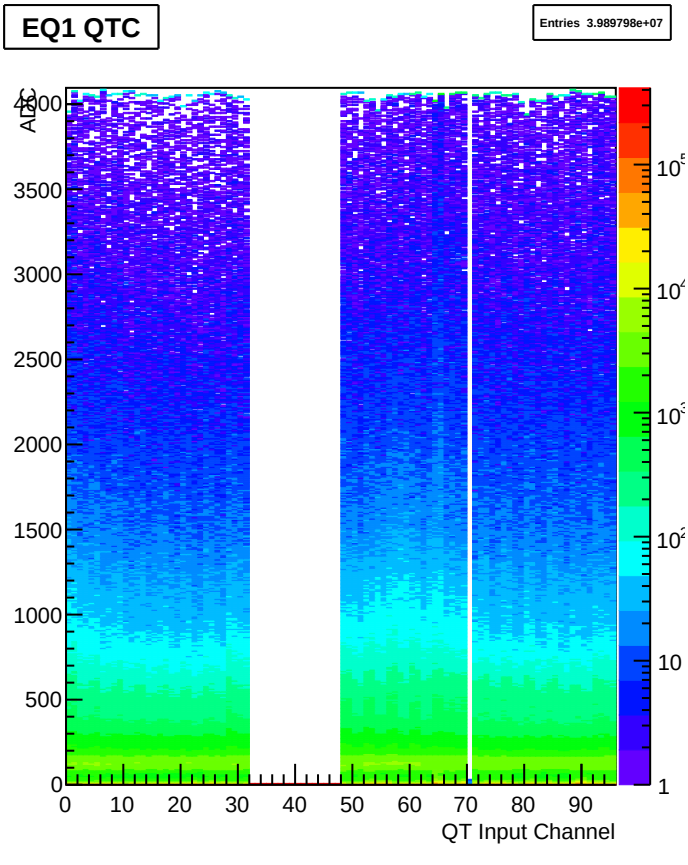

BBQ-VP001 East
Entries 6649664
TADC
QT Input Channel

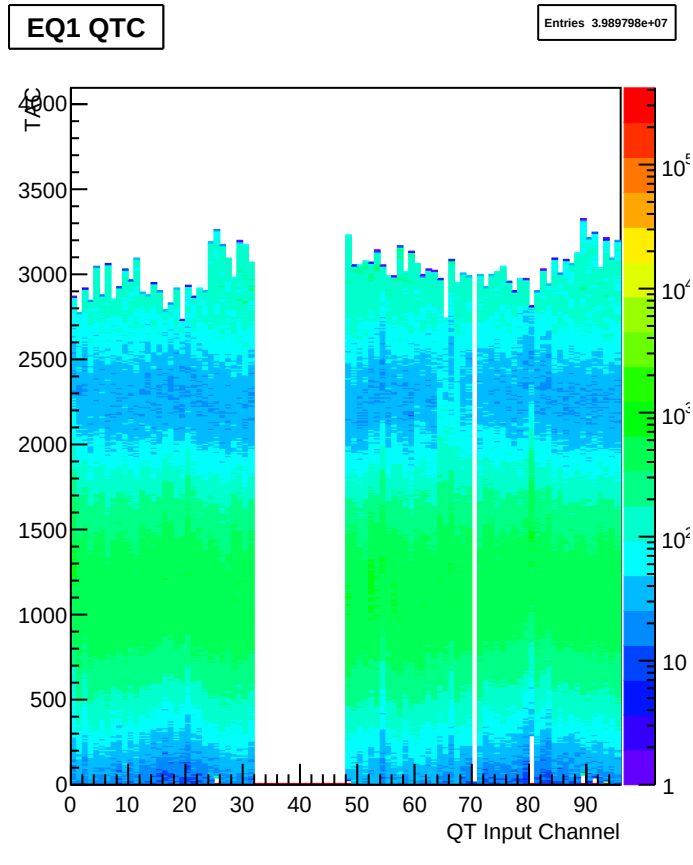

BBQ-VP002 West
Entries 6649664
ADC
QT Input Channel

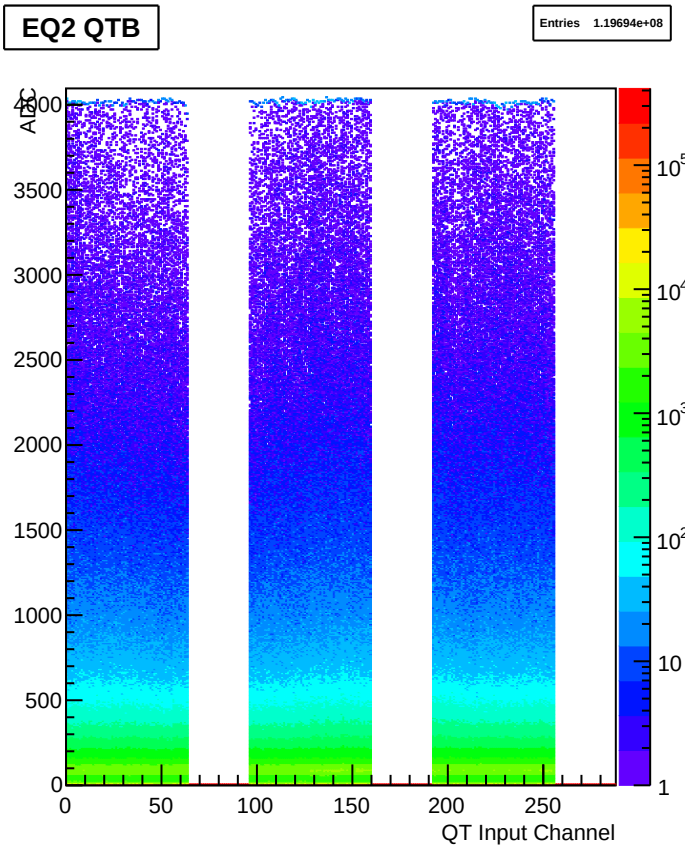

BBQ-VP002 West
Entries 6649664
TADC
QT Input Channel

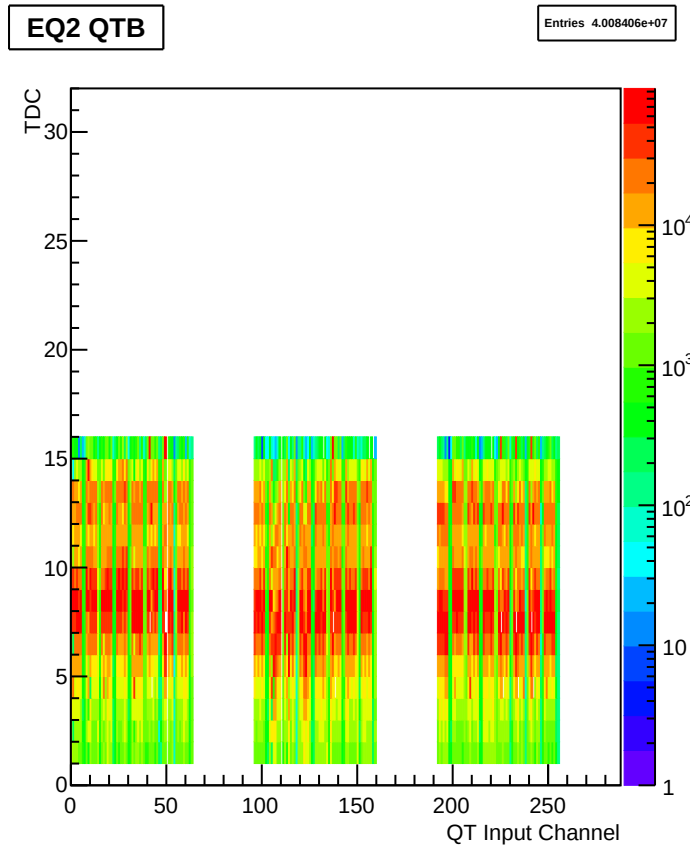

EQ1 QTB
Entries 1.19694e+08
ADC
QT Input Channel

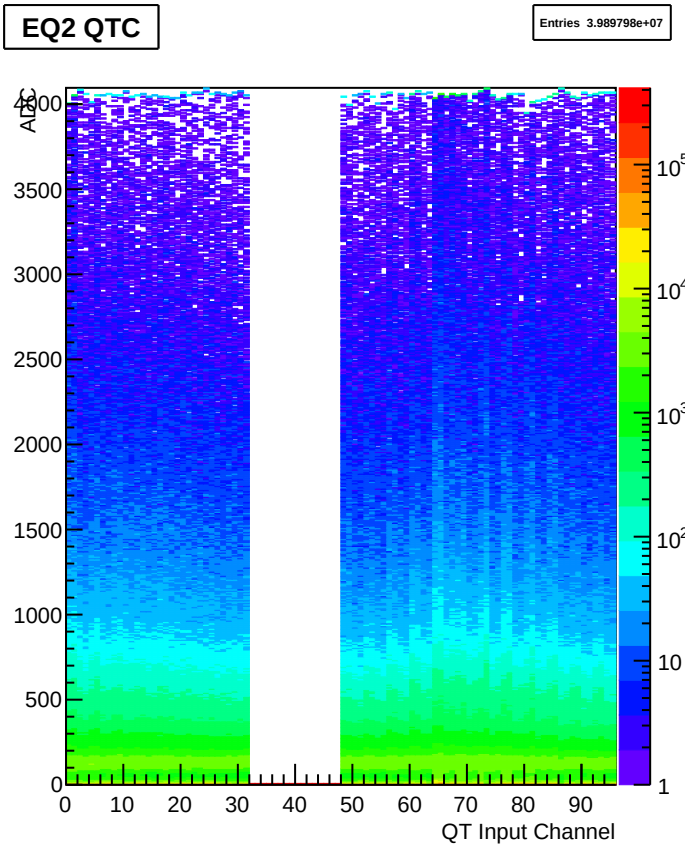

EQ1 QTB
Entries 3.992823e+07
TDC
QT Input Channel

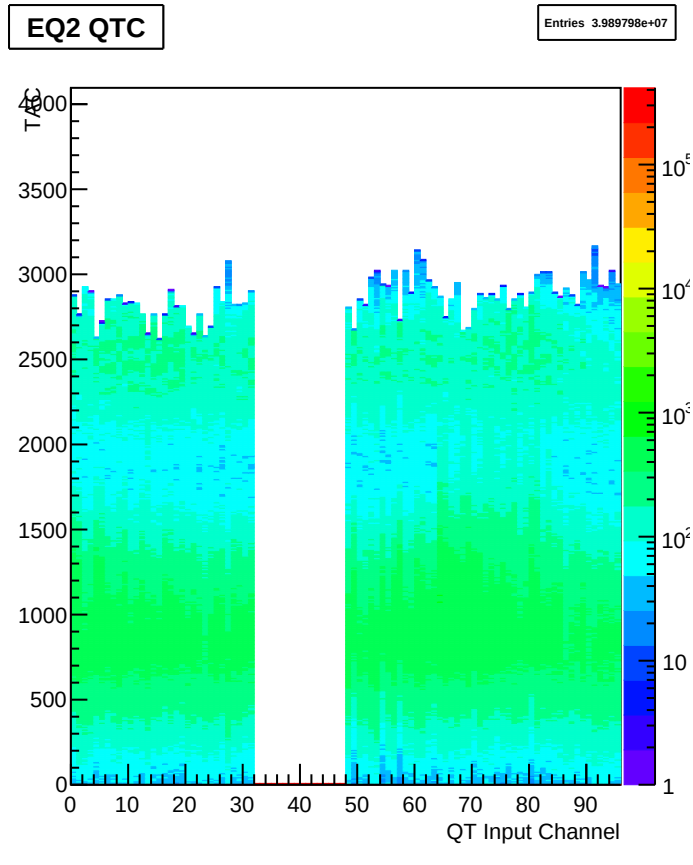

EQ1 QTC
Entries 3.989798e+07
ADC
QT Input Channel

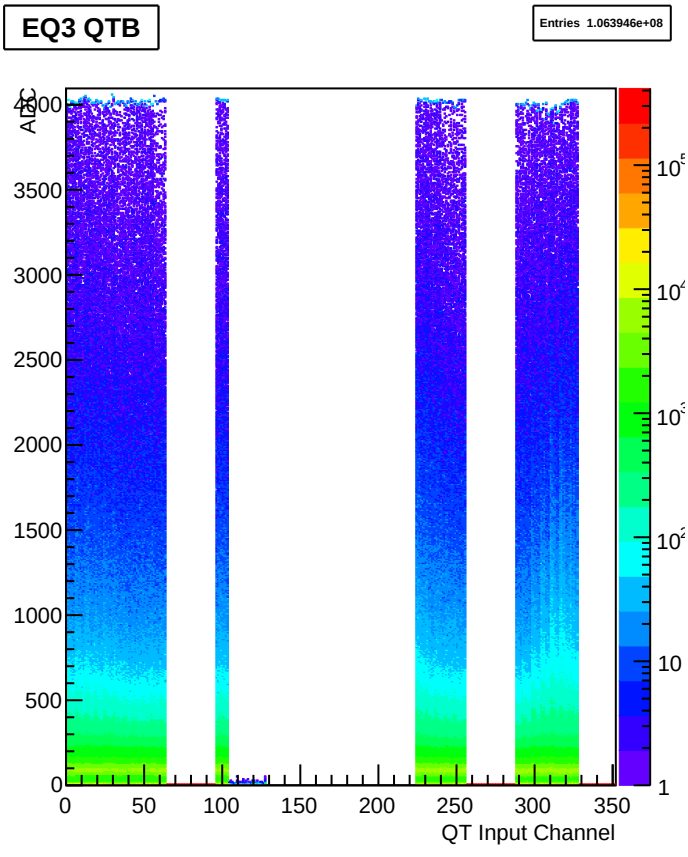

EQ1 QTC
Entries 3.989798e+07
TADC
QT Input Channel

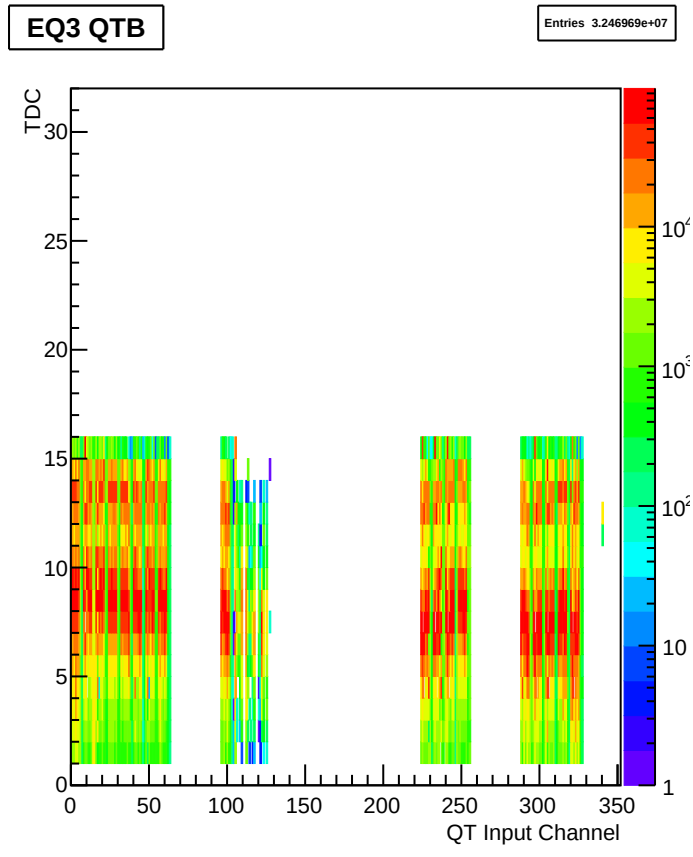

EQ2 QTB
Entries 1.19694e+08
ADC
QT Input Channel

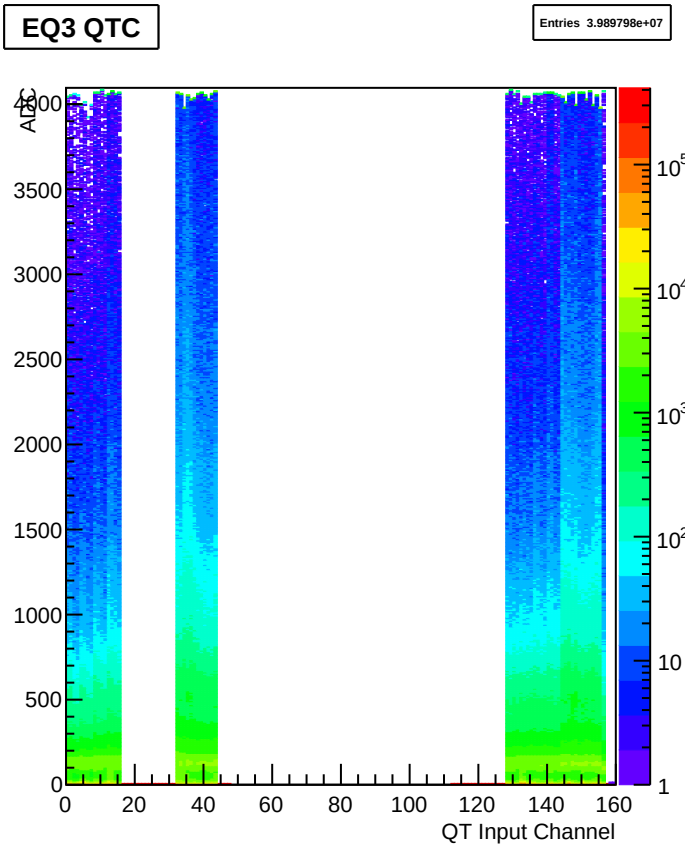

EQ2 QTB
Entries 4.008406e+07
TDC
QT Input Channel

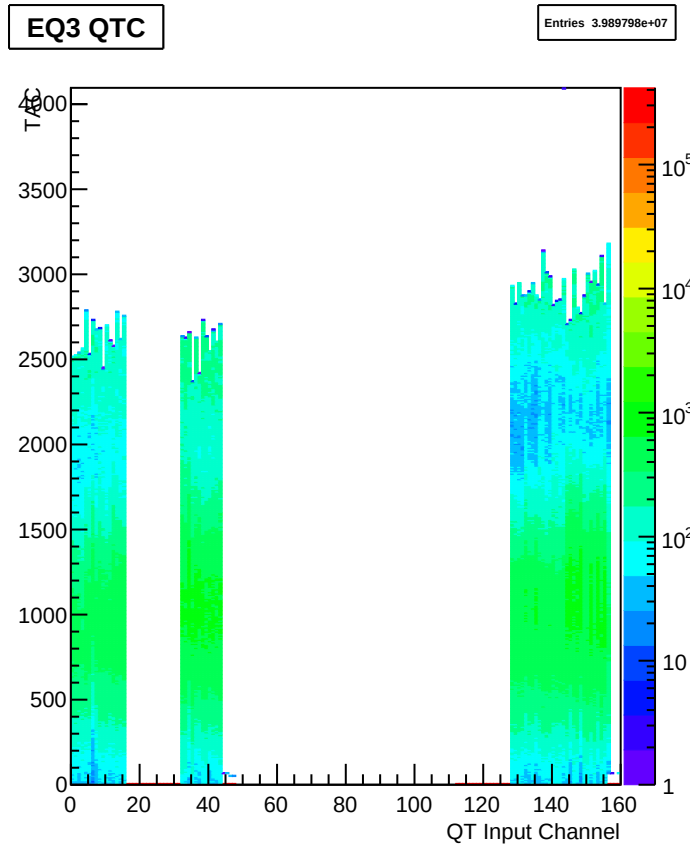

EQ2 QTC
Entries 3.989798e+07
ADC
QT Input Channel

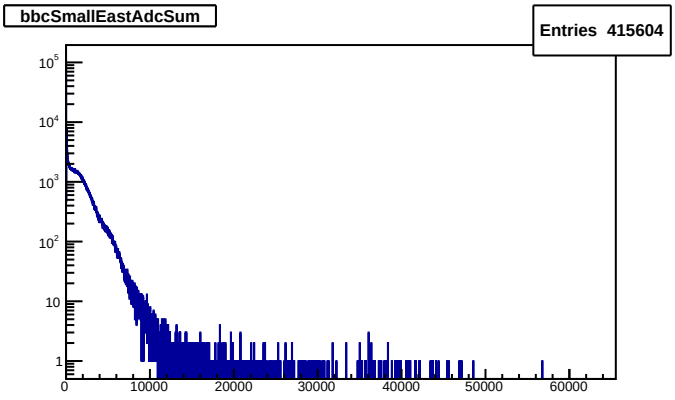

EQ2 QTC
Entries 3.989798e+07
TADC
QT Input Channel

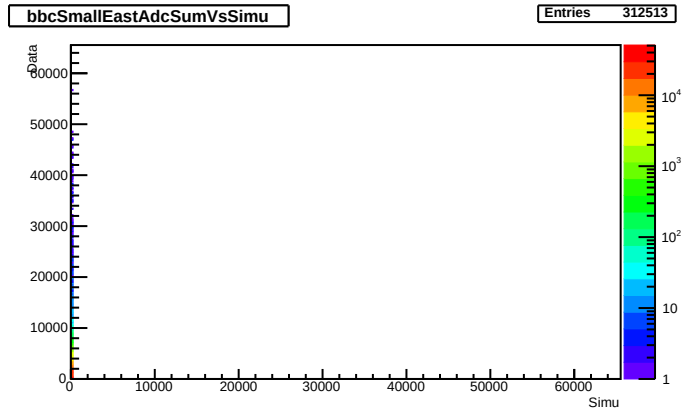

EQ3 QTB
Entries 1.063946e+08
ADC
QT Input Channel

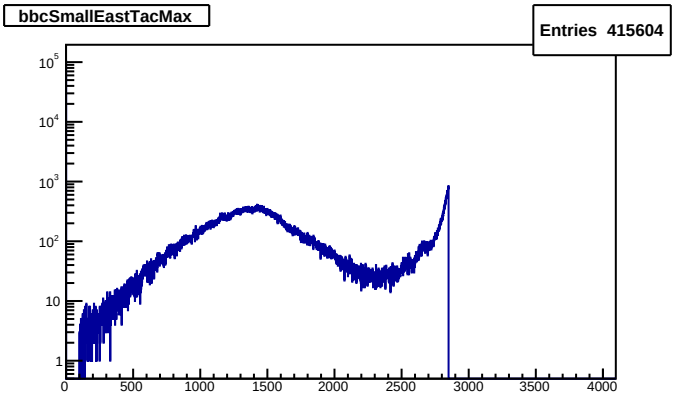

EQ3 QTB
Entries 3.246969e+07
TDC
QT Input Channel

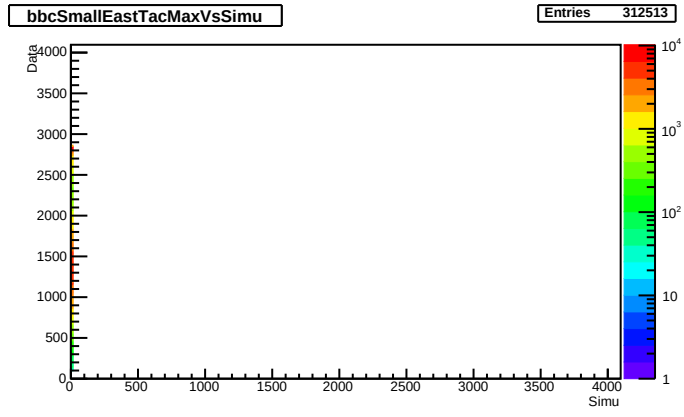

EQ3 QTC
Entries 3.989798e+07
ADC
QT Input Channel

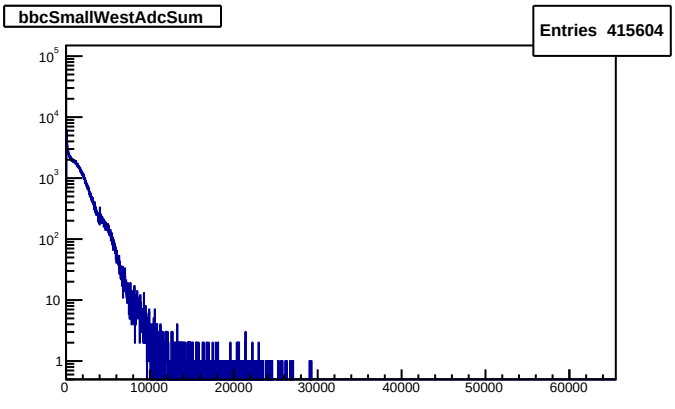

EQ3 QTC
Entries 3.989798e+07
TADC
QT Input Channel

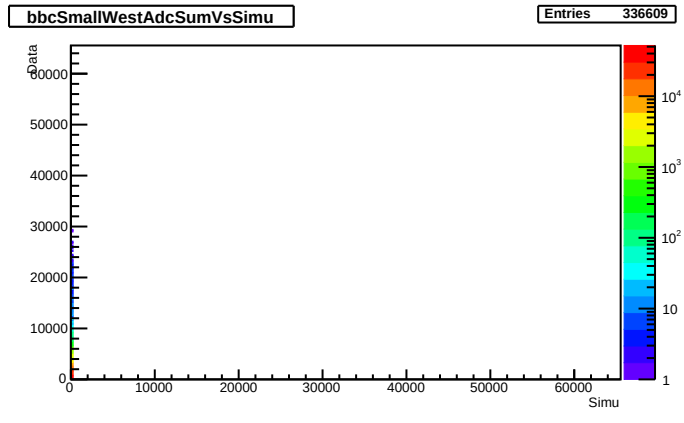

bbcSmallEastAdcSum
Entries 415604


bbcSmallEastAdcSumVsSimu
Entries 312513
Data
Simu


bbcSmallEastTacMax
Entries 415604


bbcSmallEastTacMaxVsSimu
Entries 312513
Data
Simu


bbcSmallWestAdcSum
Entries 415604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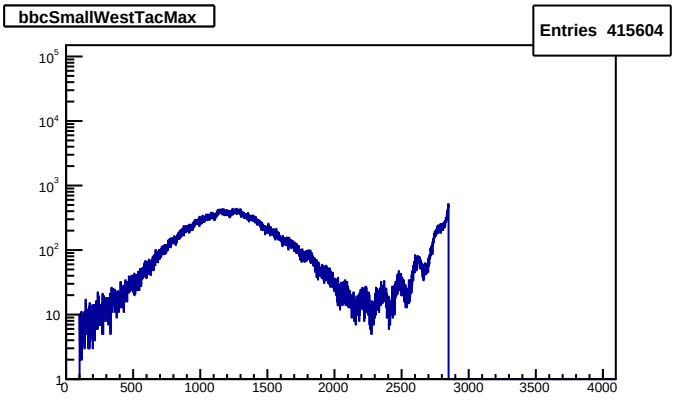
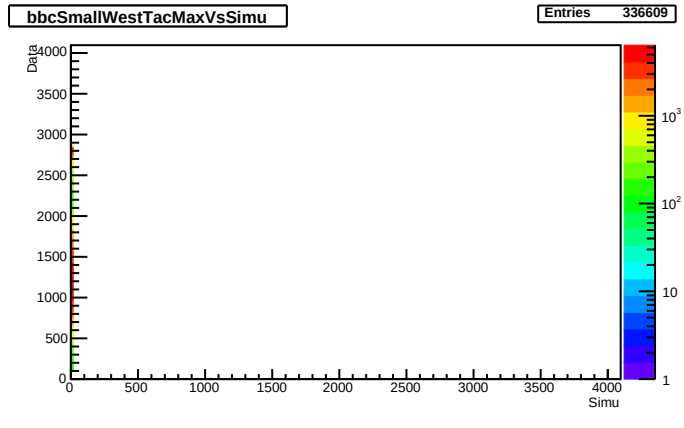
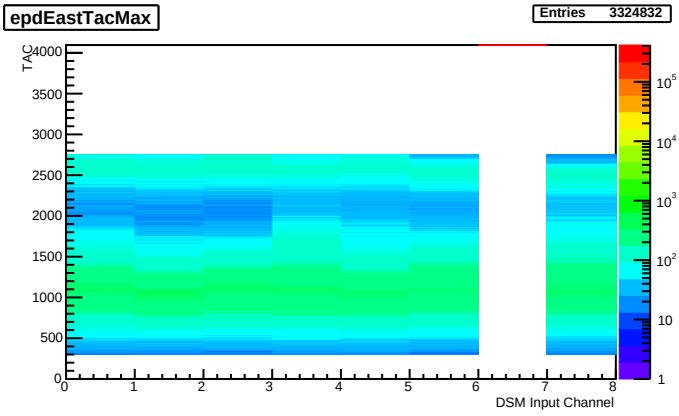
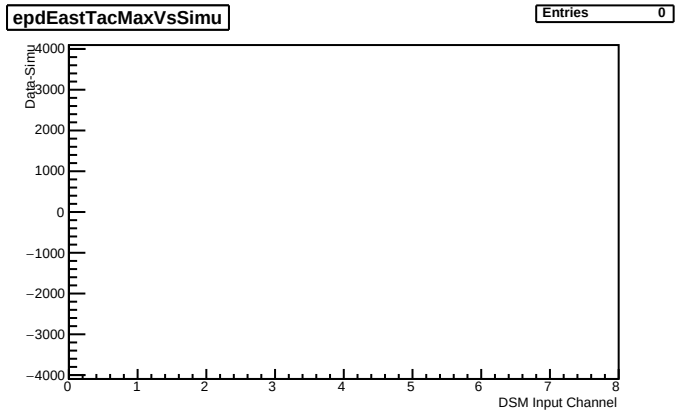
Entries 336609
Data
Simu


bbcSmallWestTacMax
Entries 415604


bbcSmallWestTacMaxVsSimu
Entries 336609
Data
Simu


epdEastTacMax
Entries 3324832
TAC
DSM Input Channel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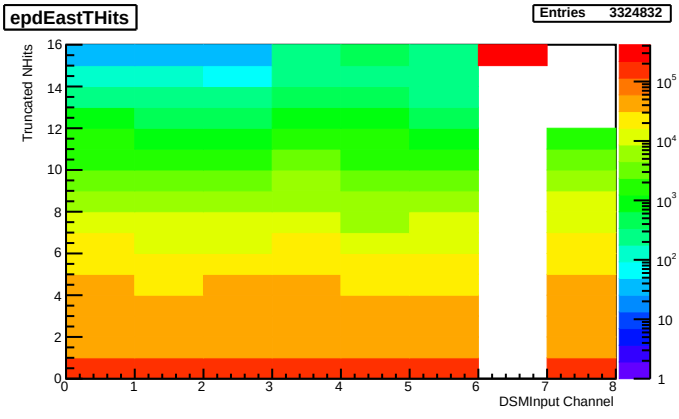
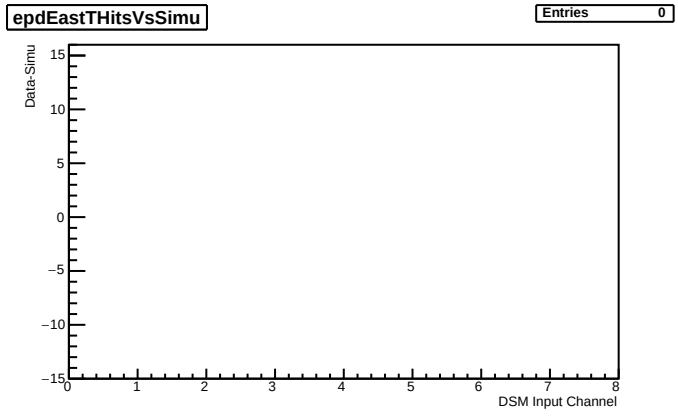
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3324832
Truncated NHits
DSMInput Channel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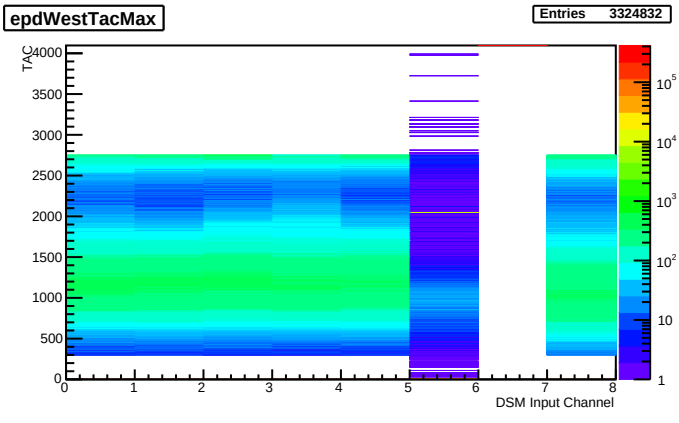
Data-Simu
DSM Input Channel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Entries 3324832
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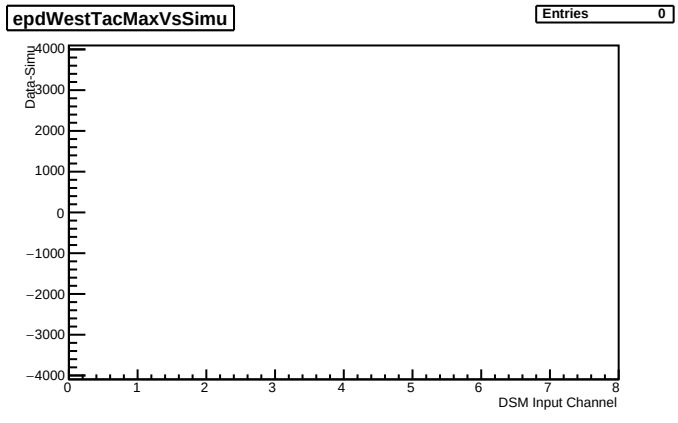
DSM Input Channel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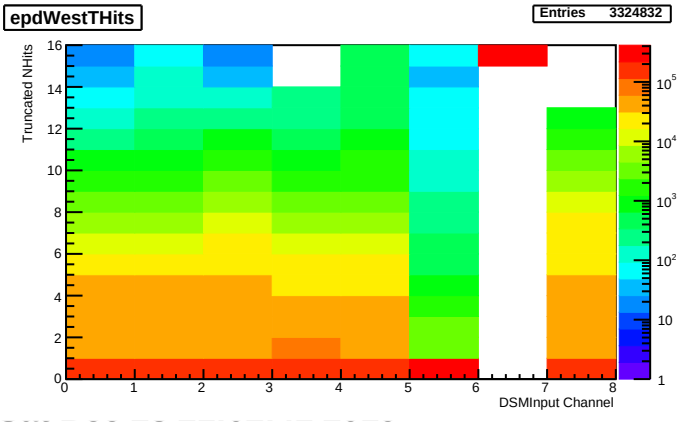
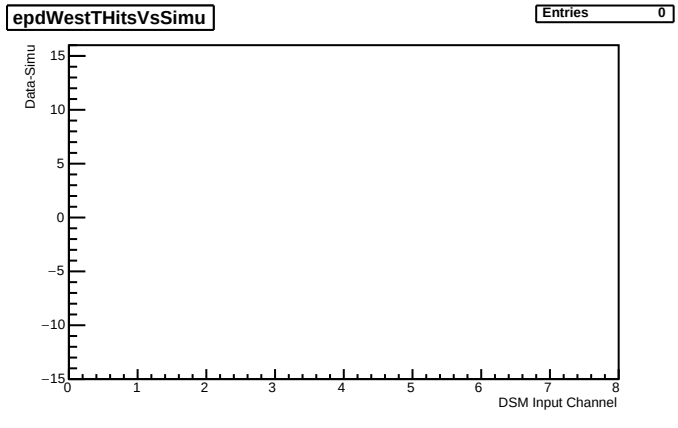
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3324832
Truncated NHits
DSMInput Channel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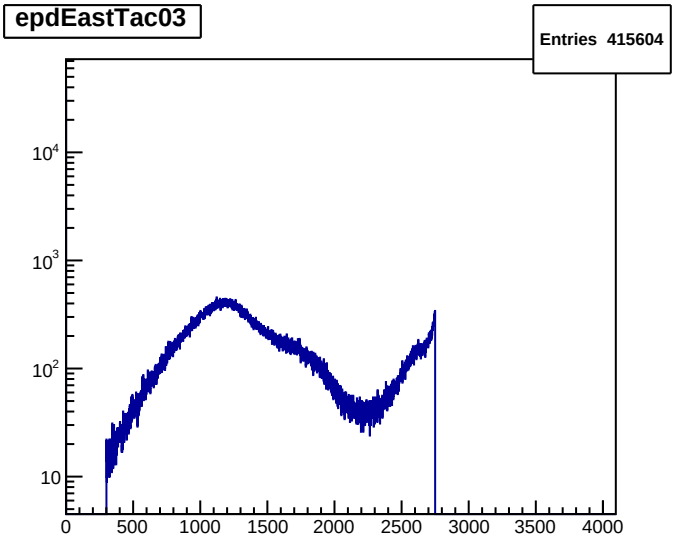
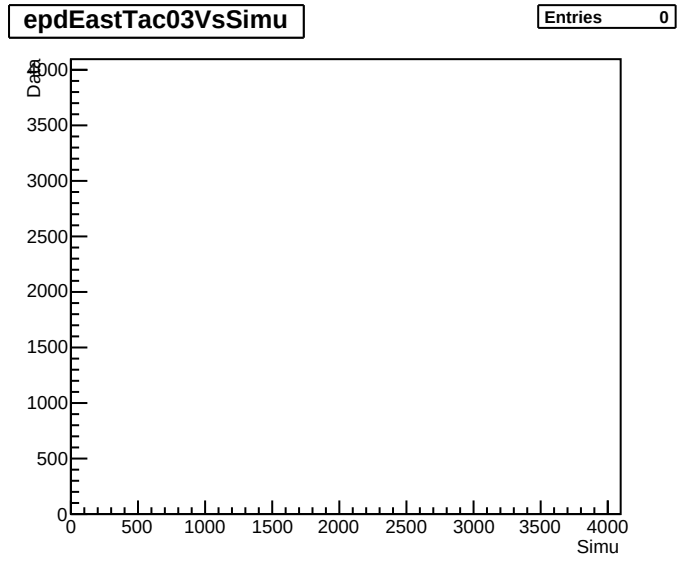
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 415604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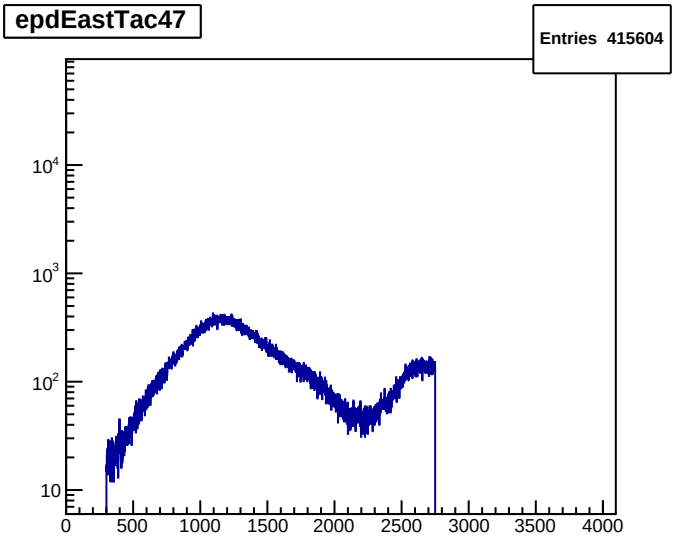
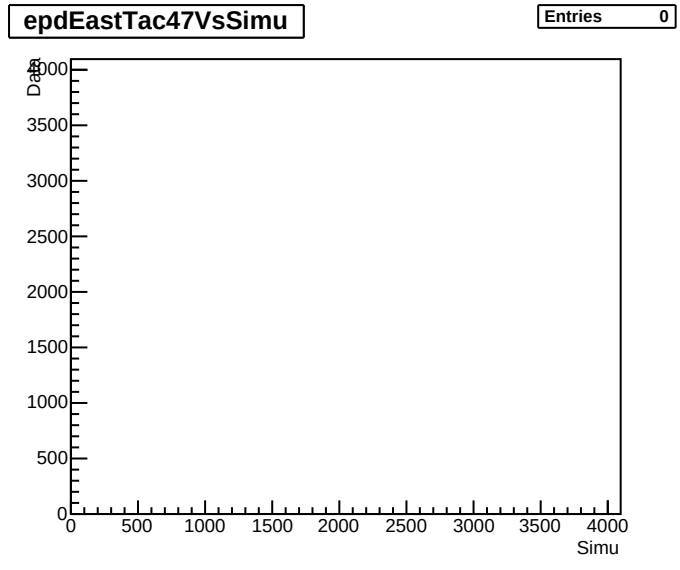
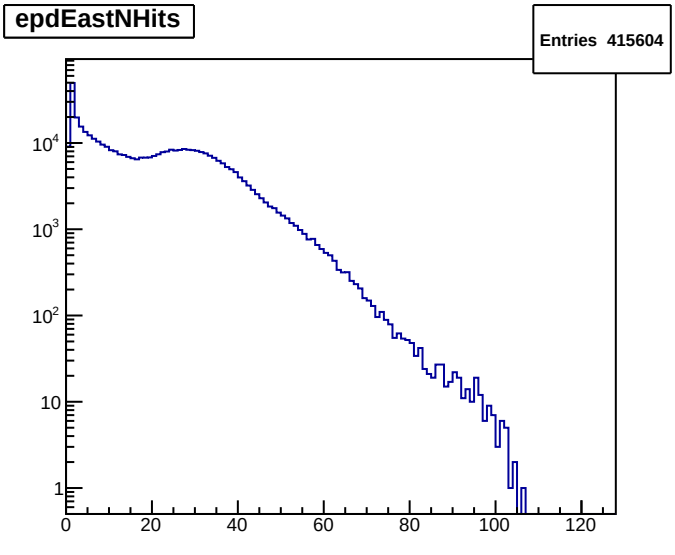
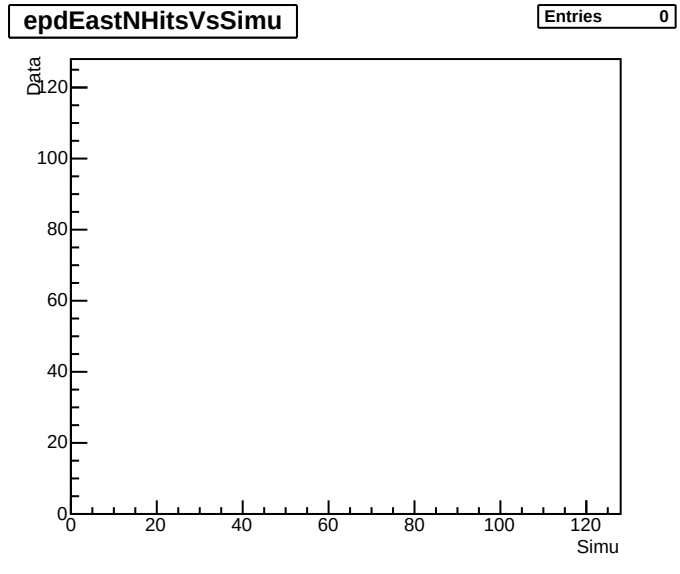
Entries 0
Data
Simu


epdEastTac47
Entries 415604


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 415604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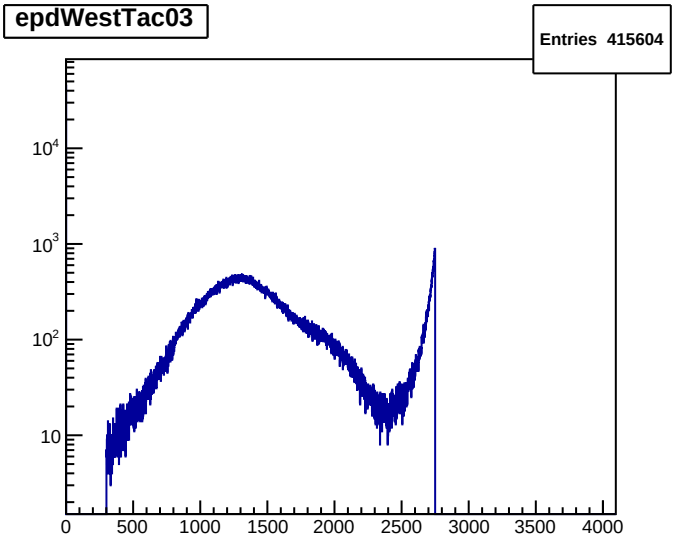
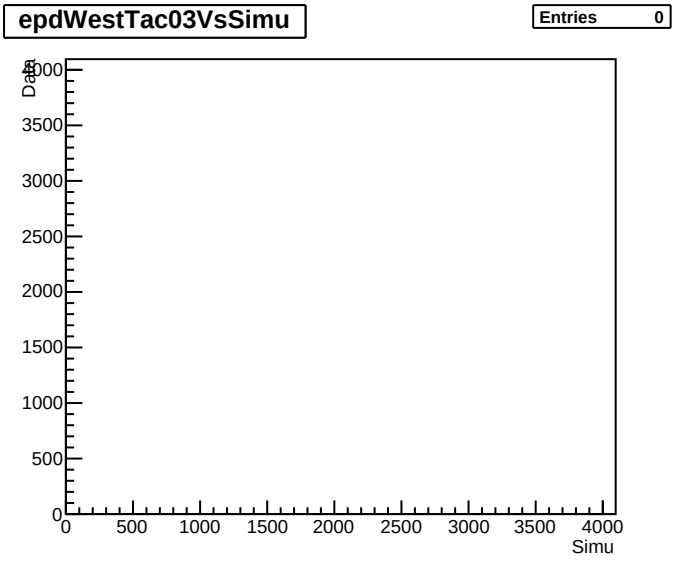
Entries 0
Data
Simu


epdWestTac03
Entries 415604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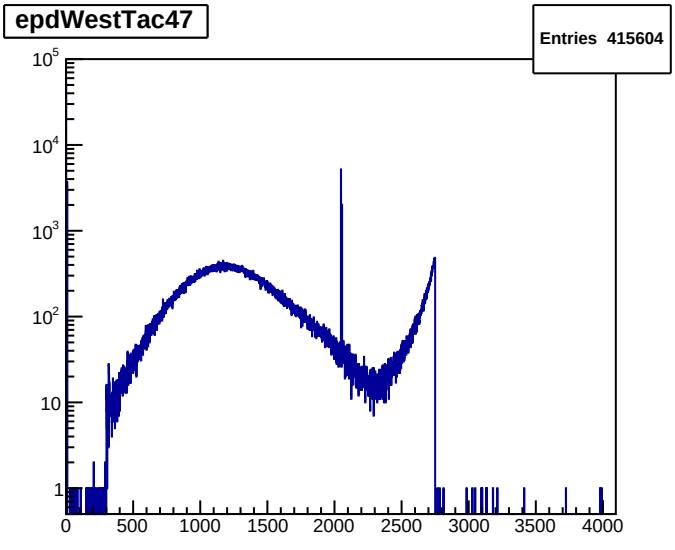
Entries 0
Data
Simu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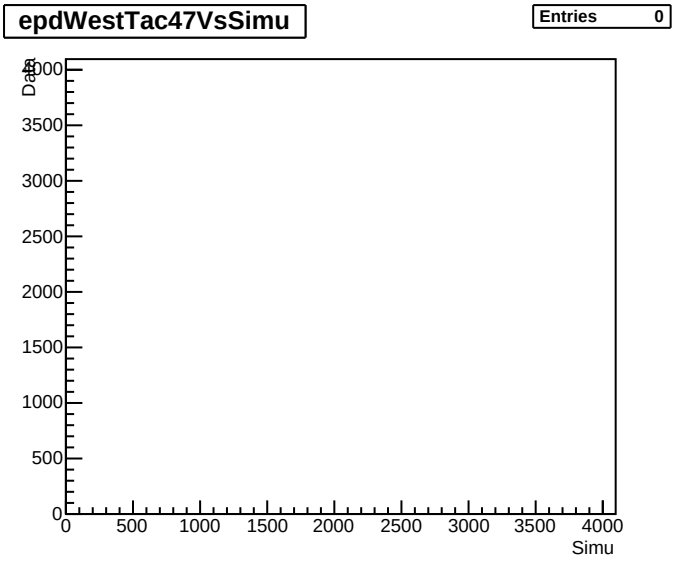
Entries 415604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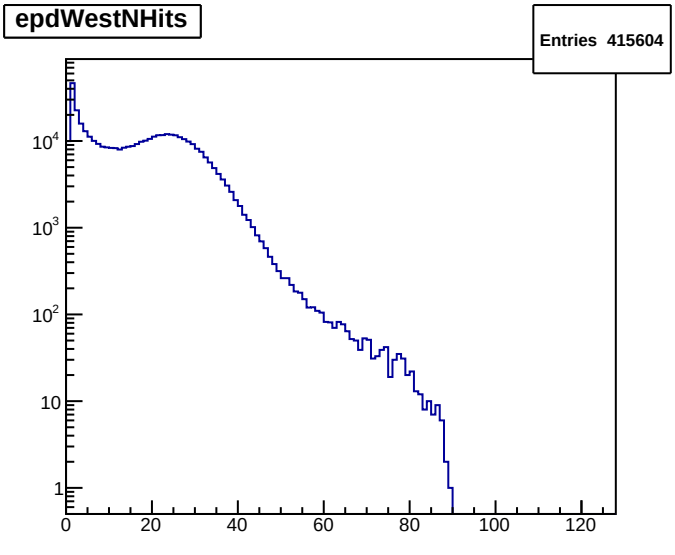
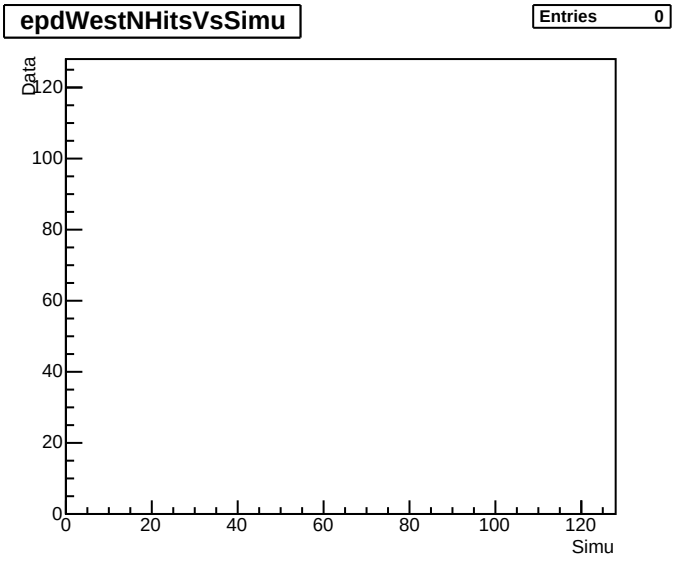
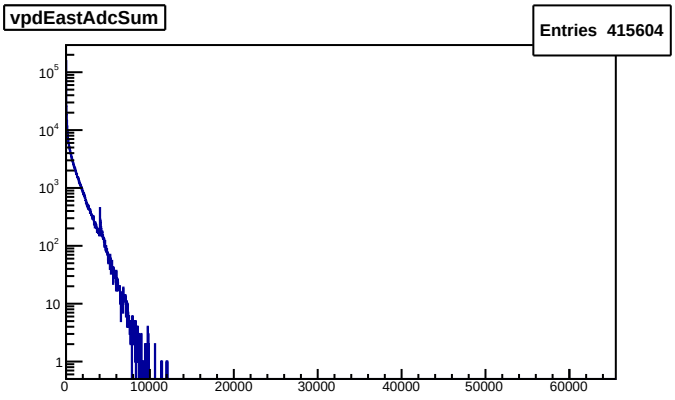
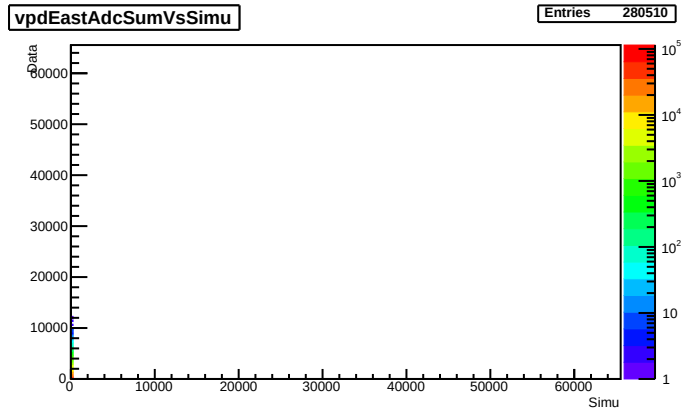
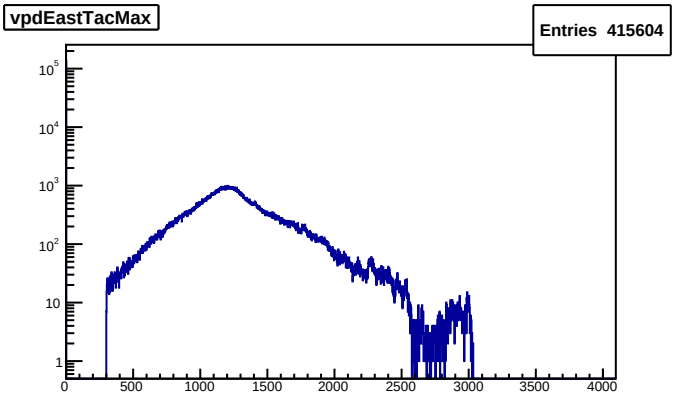
Entries 0
Data
Simu

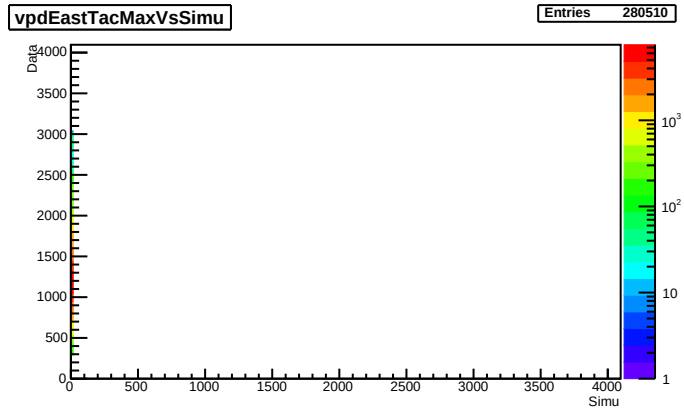

epdWestNHits
Entries 415604

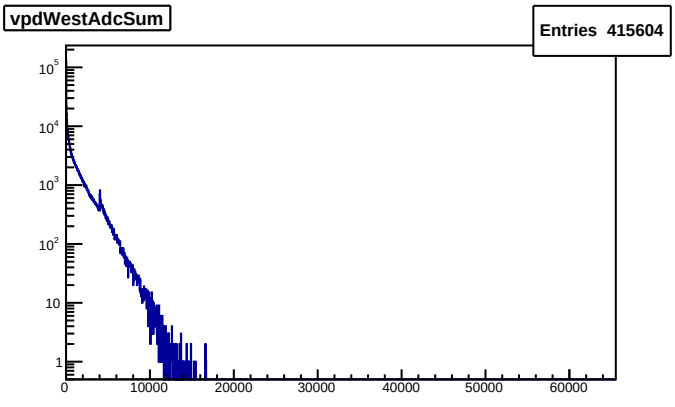

epdWestNHitsVsSimu
Entries 0
Data
Simu

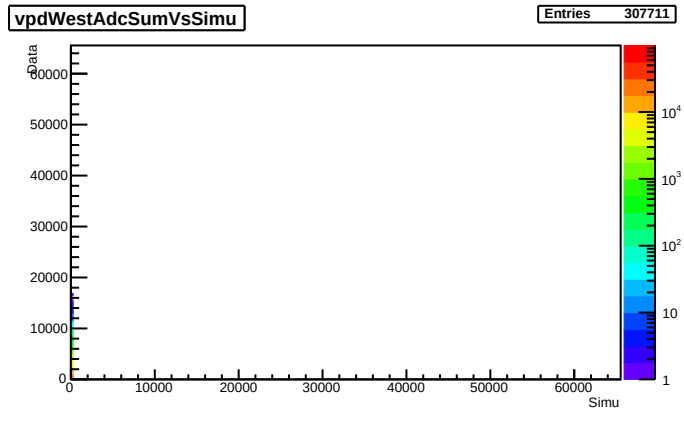

vpdEastAdcSum
Entries 415604

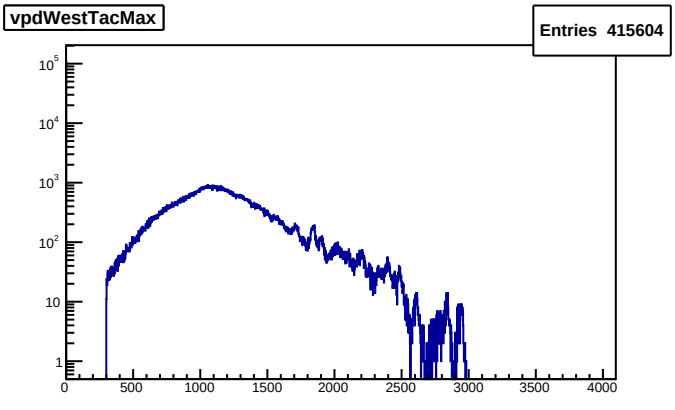

vpdEastAdcSumVsSimu
Entries 280510
Data
Simu

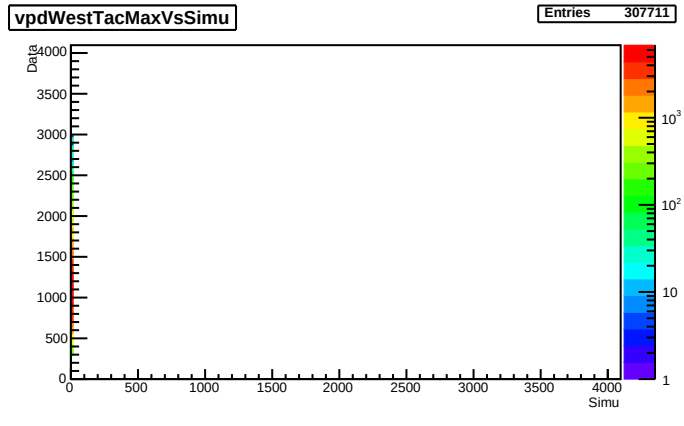

vpdEastTacMax
Entries 415604

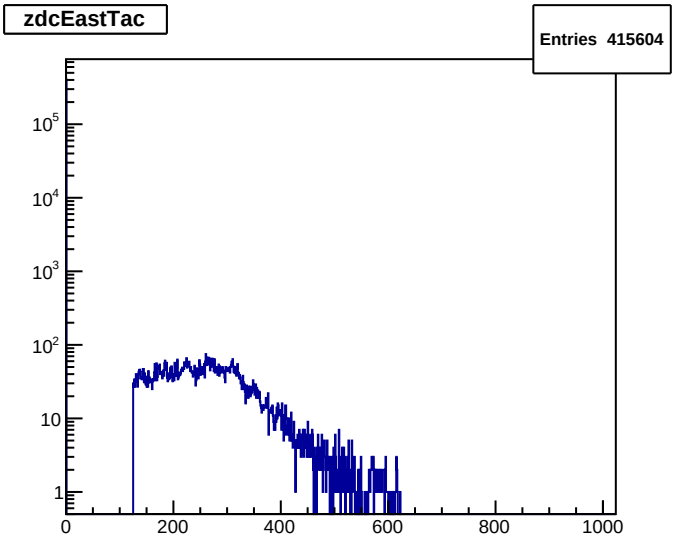

vpdEastTacMaxVsSimu
Entries 280510
Data
Simu

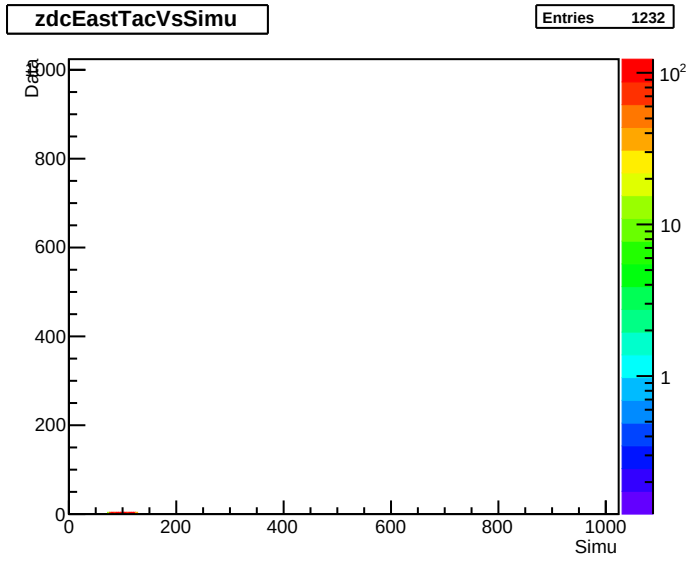

vpdWestAdcSum
Entries 415604

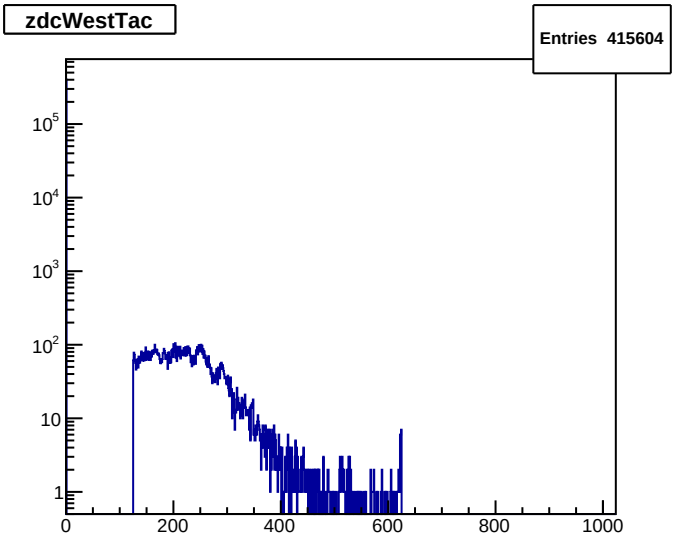

vpdWestAdcSumVsSimu
Entries 307711
Data
Simu

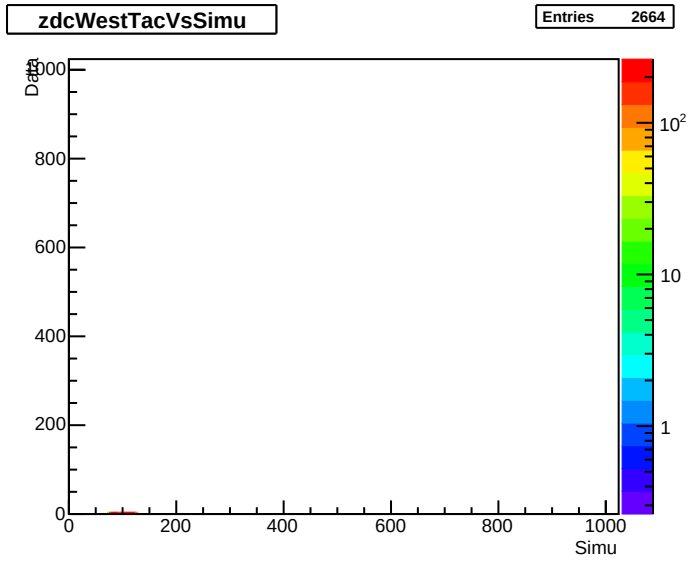

vpdWestTacMax
Entries 415604

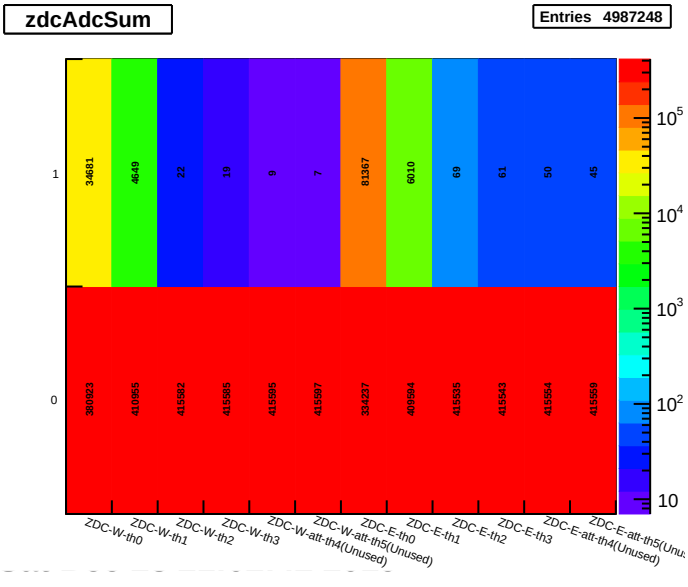

vpdWestTacMaxVsSimu
Entries 307711
Data
Simu

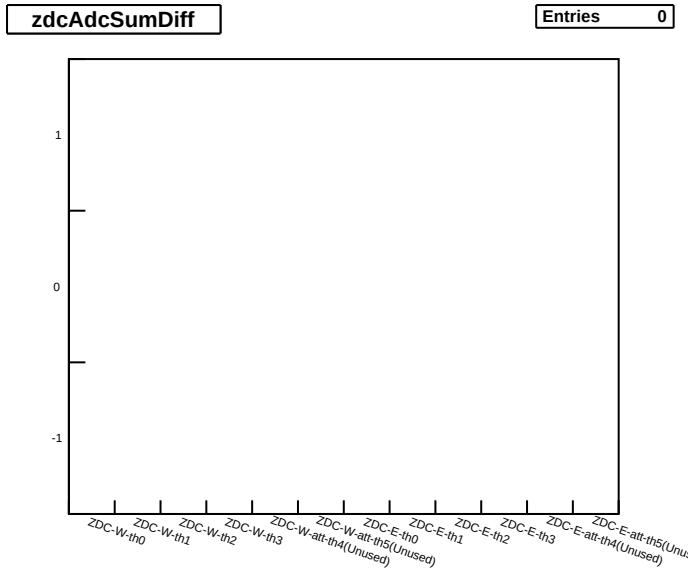

zdcEastTac
Entries 415604

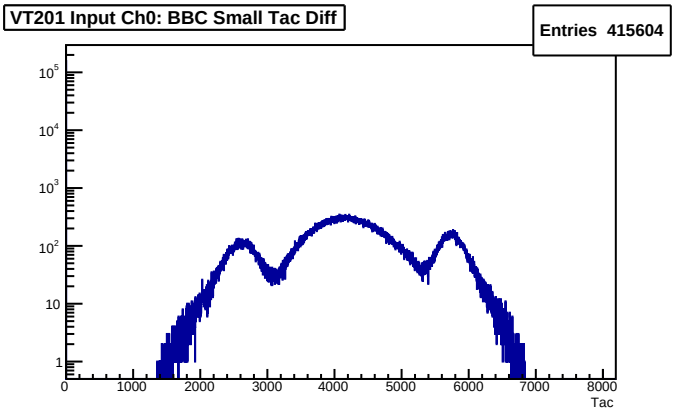

zdcEastTacVsSimu
Entries 1232
Data
Simu

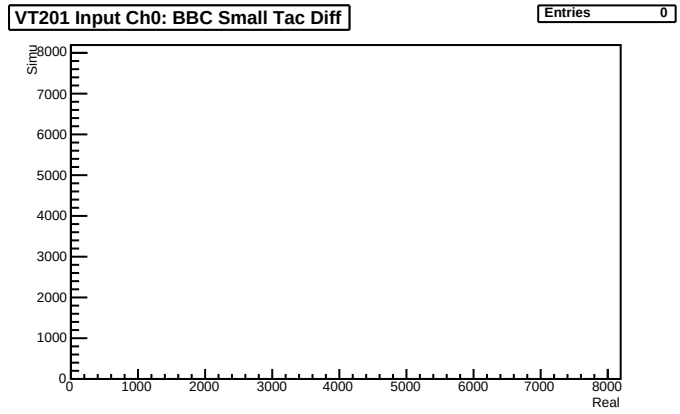

zdcWestTac
Entries 415604

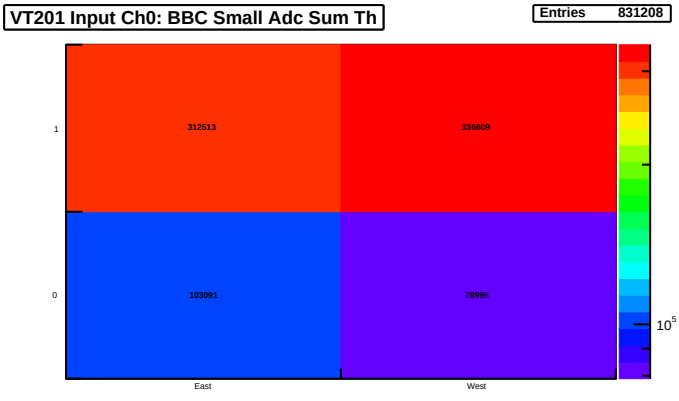

zdcWestTacVsSimu
Entries 2664
Data
Simu

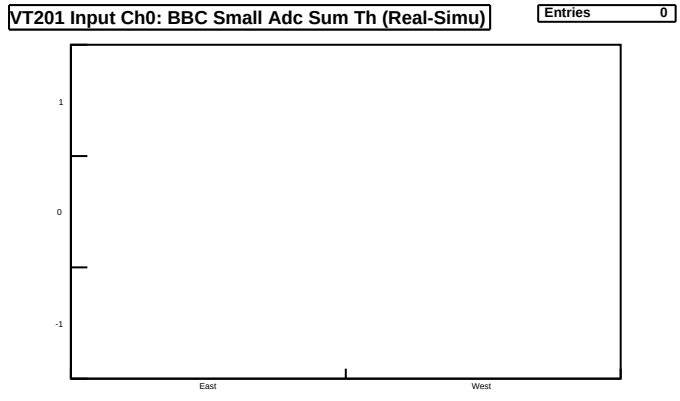

zdcAdcSum
Entries 4987248
34681
4649
22
19
9
7
81367
6010
69
61
50
45
380923
410955
415582
415585
415595
415597
334237
409594
415535
415543
415554
415559
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

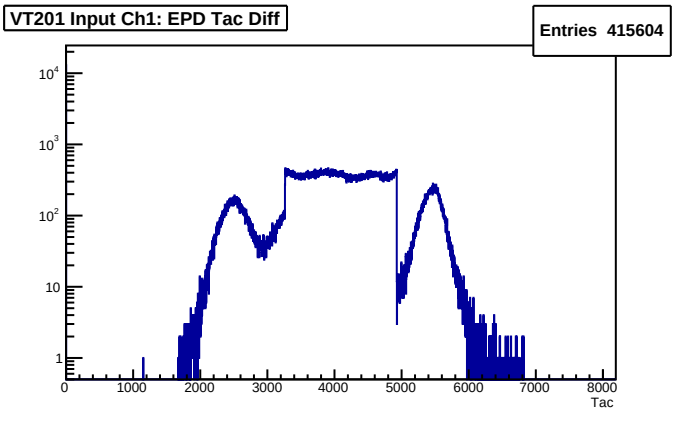

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

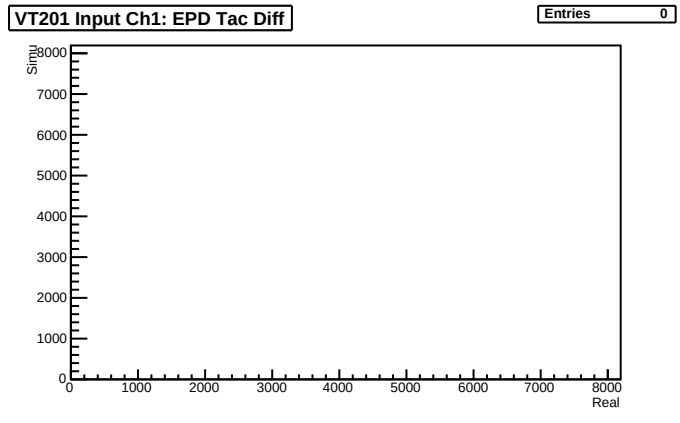

VT201 Input Ch0: BBC Small Tac Diff
Entries 415604
Tac

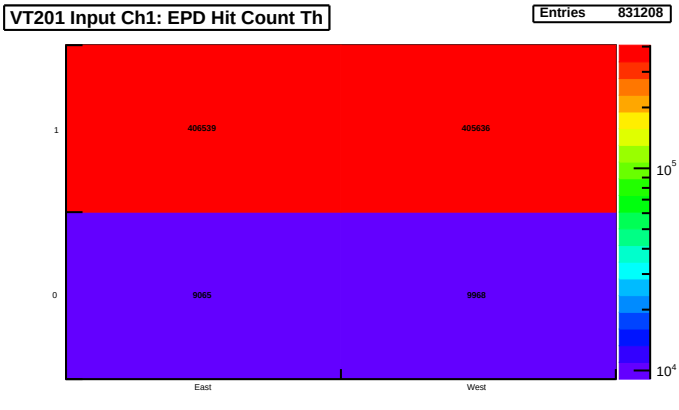

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

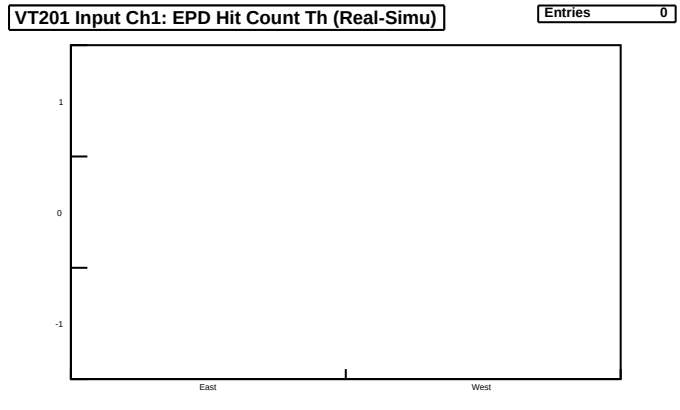

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 831208
312513
336609
103091
78995
East
West

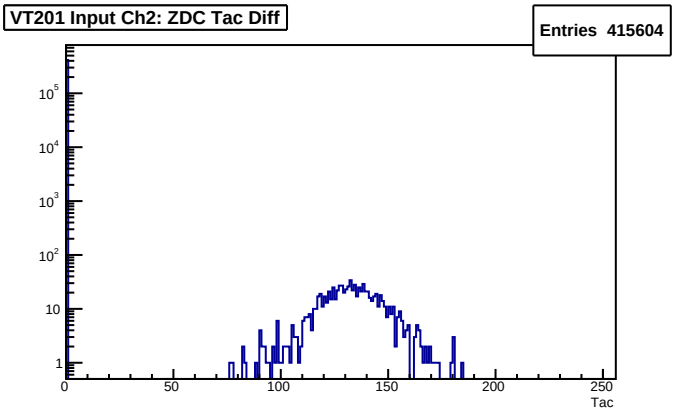

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

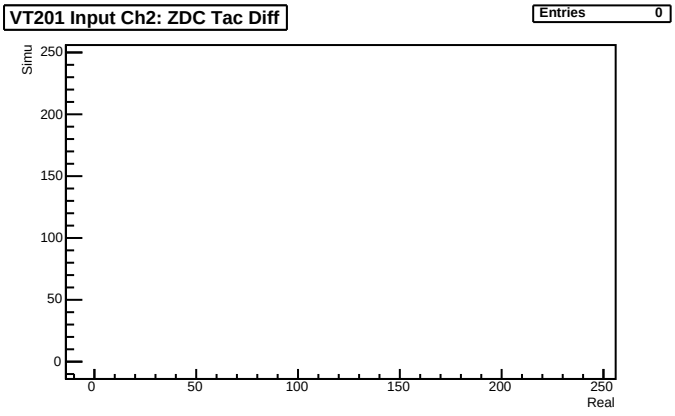

VT201 Input Ch1: EPD Tac Diff
Entries 415604
Tac

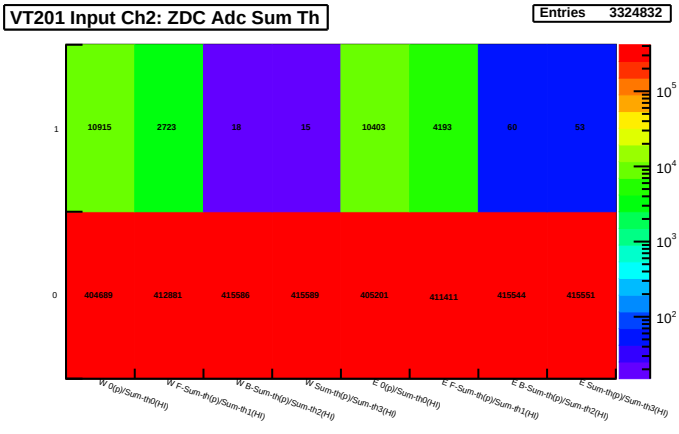

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

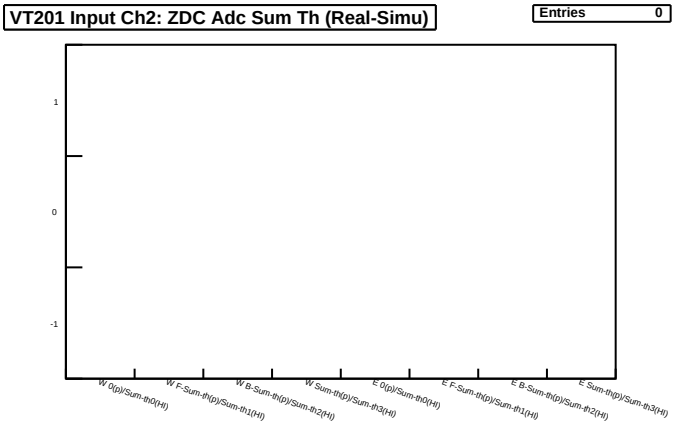

VT201 Input Ch1: EPD Hit Count Th
Entries 831208
406539
405636
9065
9968
East
West

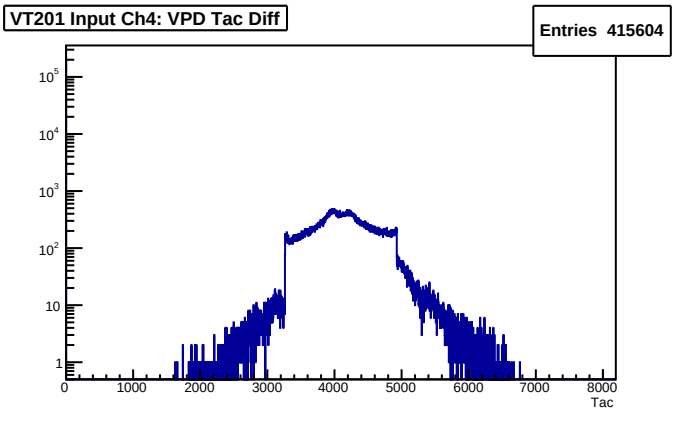

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

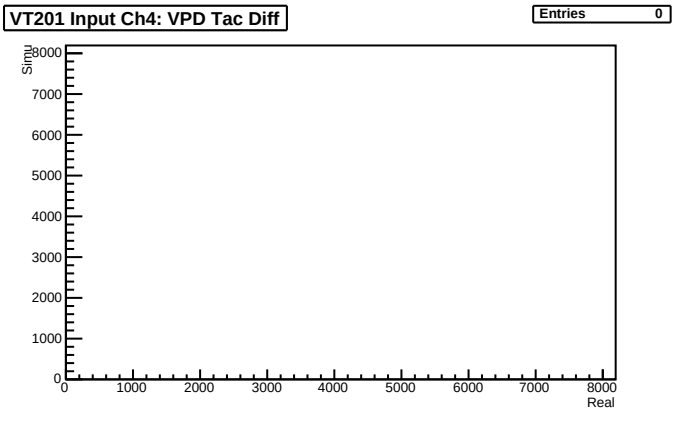

VT201 Input Ch2: ZDC Tac Diff
Entries 415604
Tac

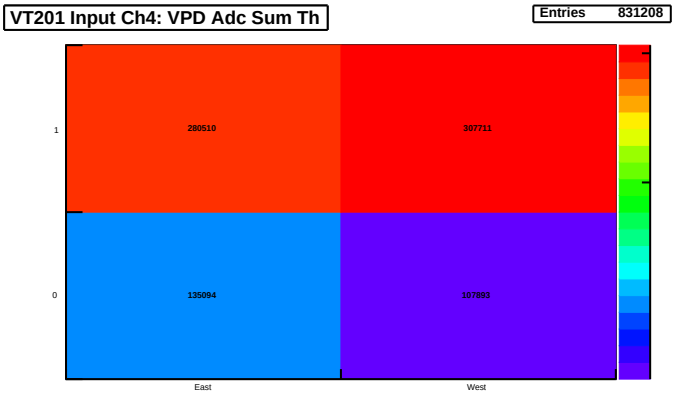

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

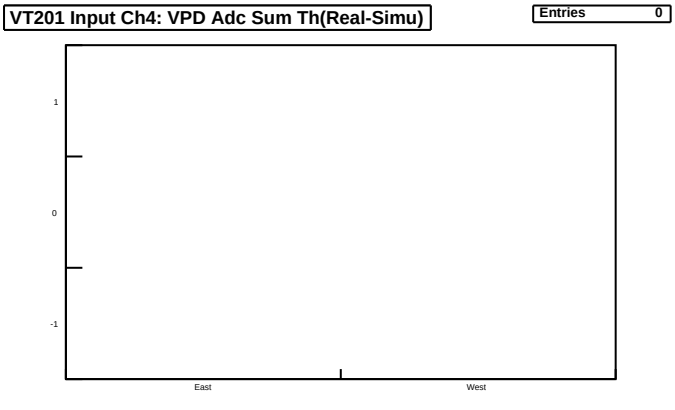

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3324832
10915
2723
18
15
10403
4193
60
53
404689
412881
415586
415589
405201
411411
415544
415551
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

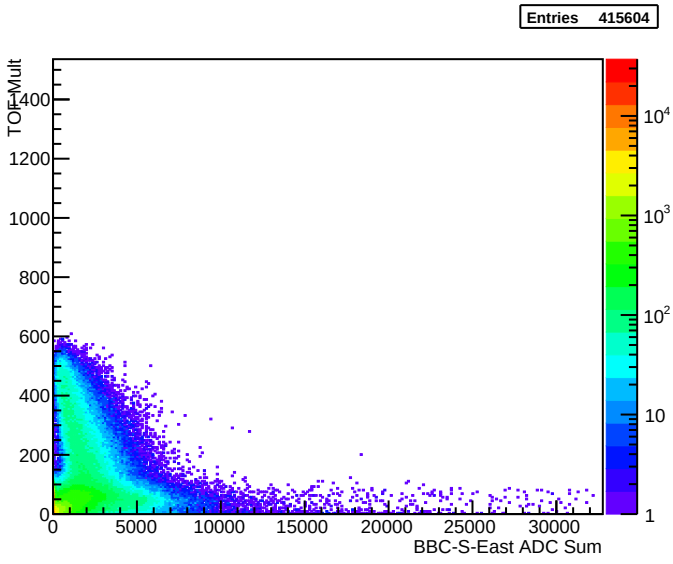

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

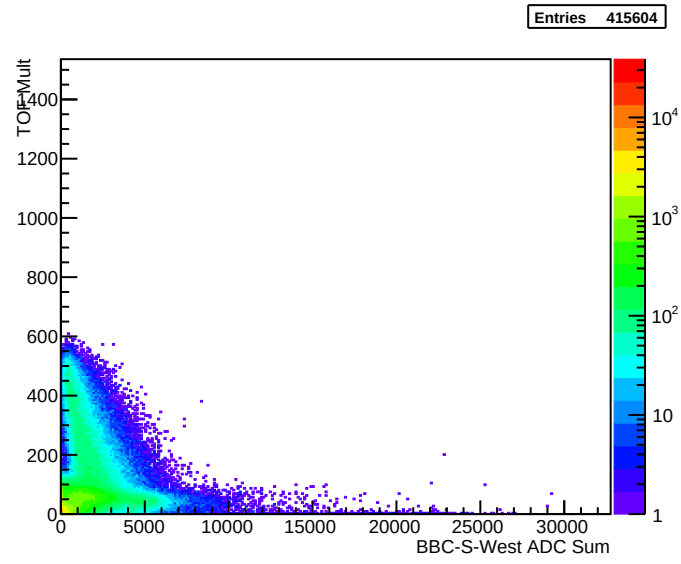

VT201 Input Ch4: VPD Tac Diff
Entries 415604
Tac

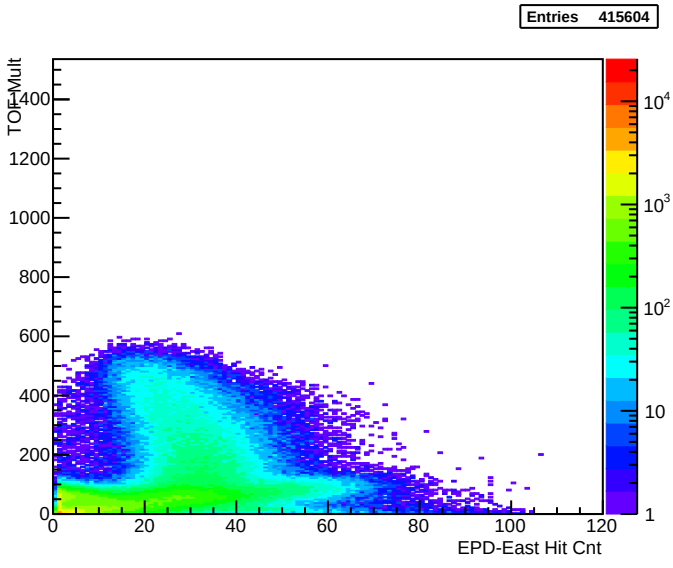

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

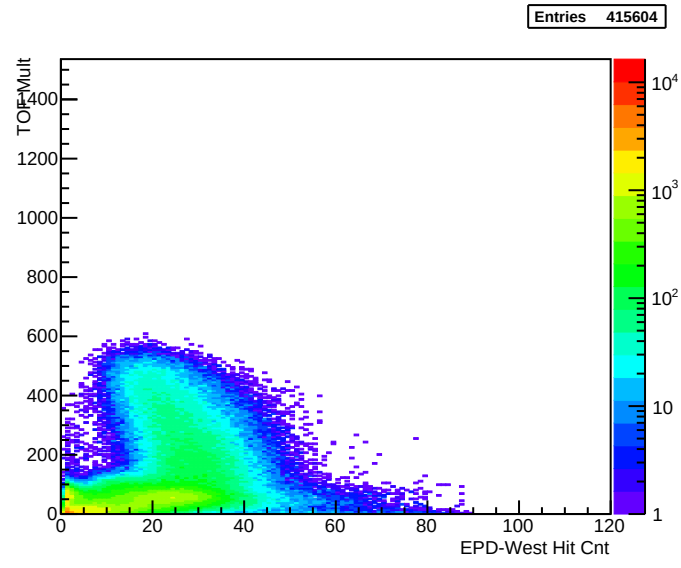

VT201 Input Ch4: VPD Adc Sum Th
Entries 831208
280510
307711
135094
107893
East
West

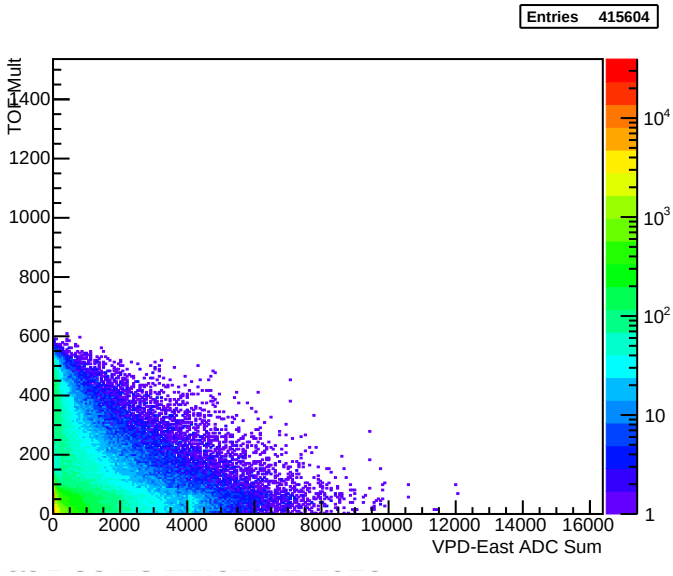

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

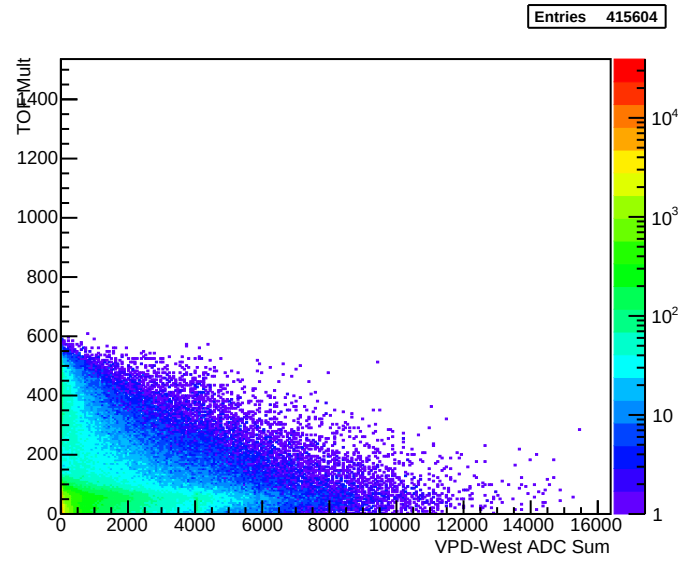

Entries 415604
TOF-Mult
BBC-S-East ADC Sum

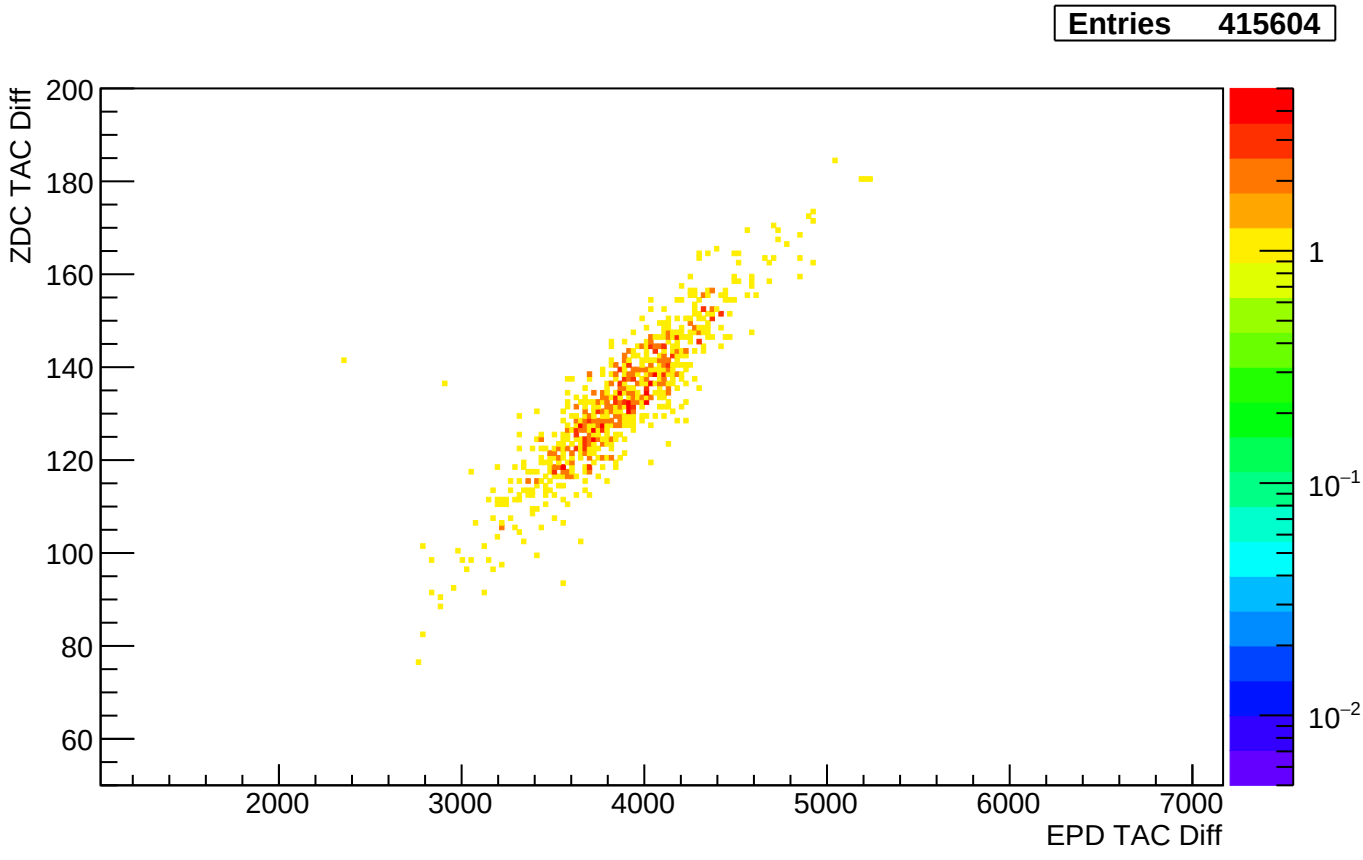

Entries 415604
TOF-Mult
BBC-S-West ADC Sum

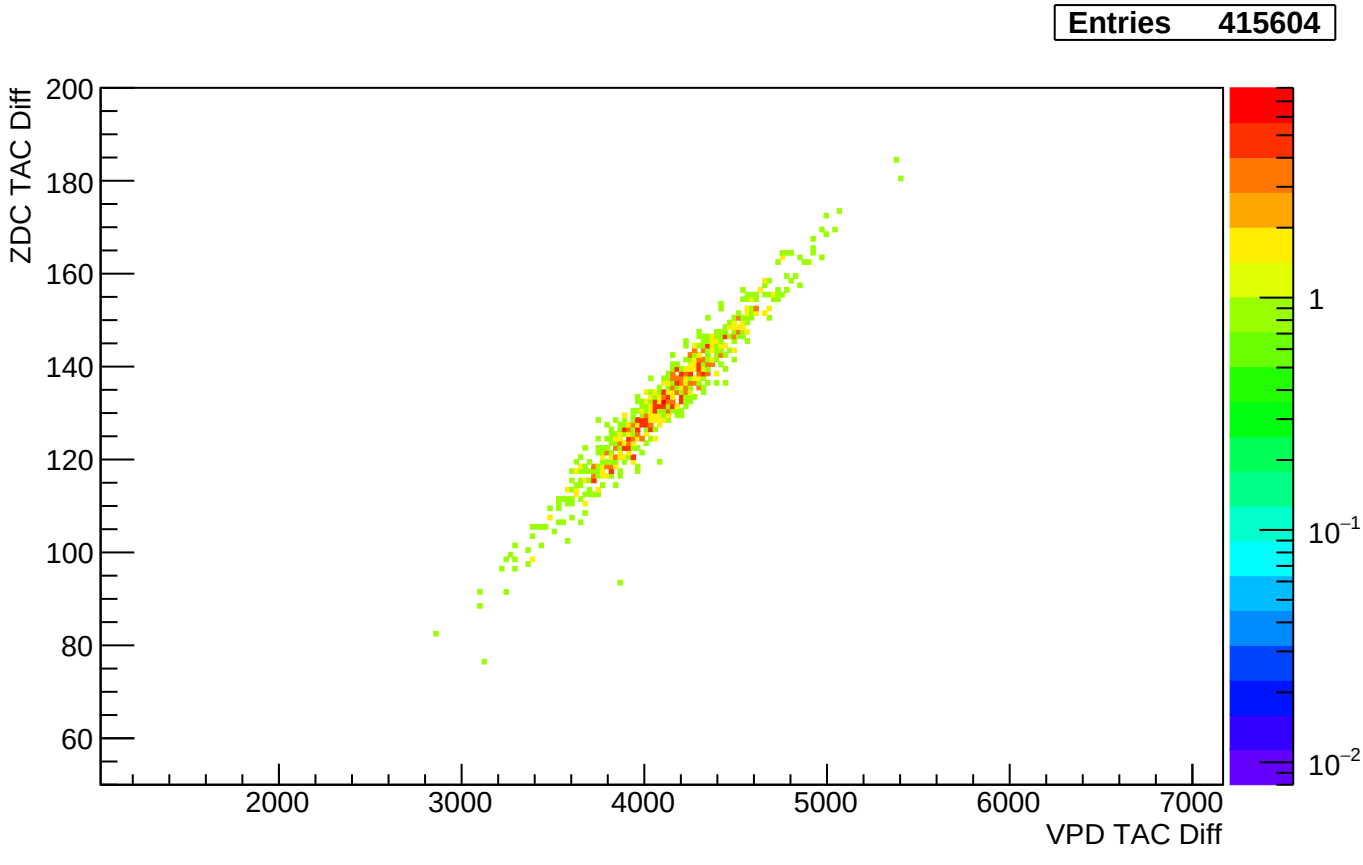

Entries 415604
TOF-Mult
EPD-East Hit Cnt

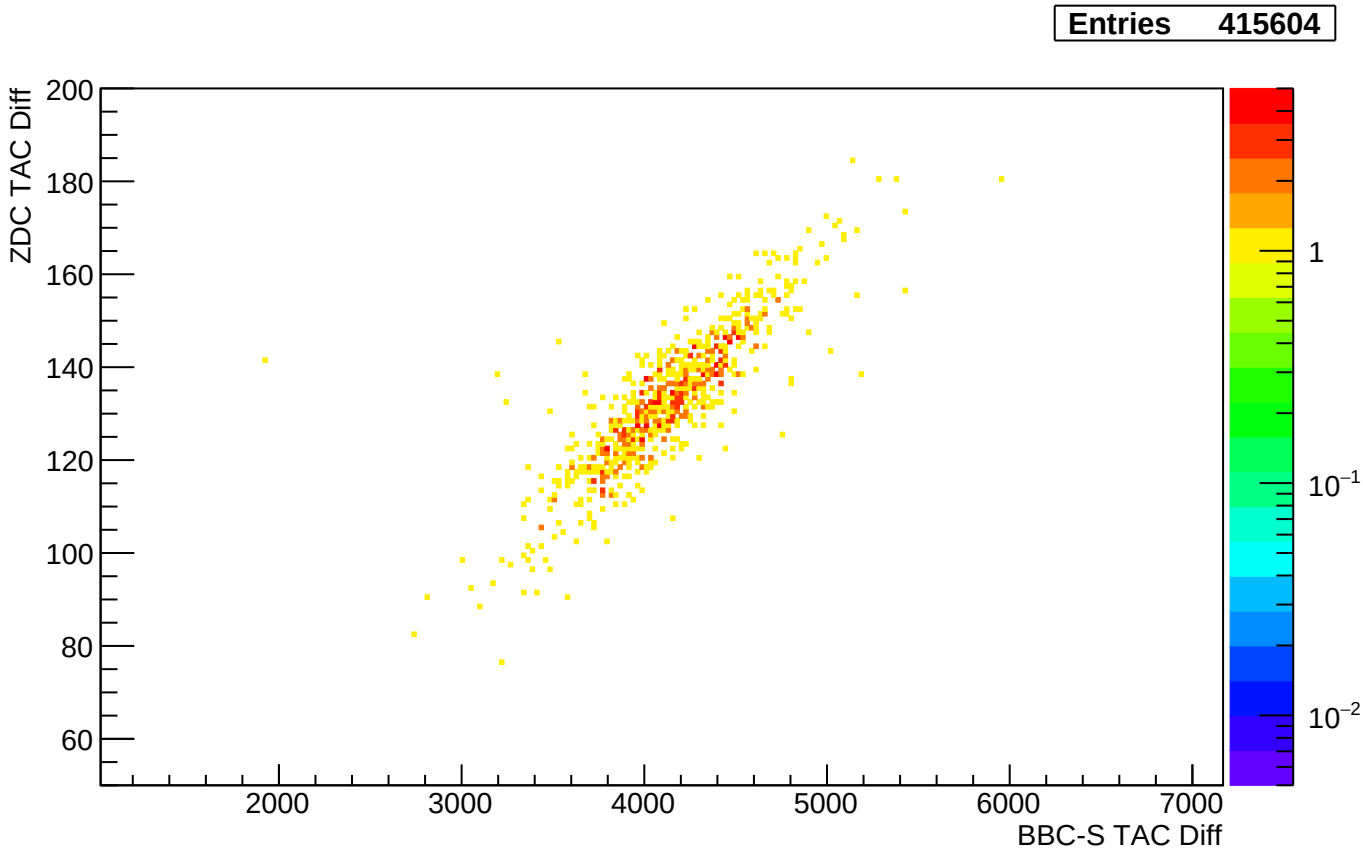

Entries 415604
TOF-Mult
EPD-West Hit Cnt

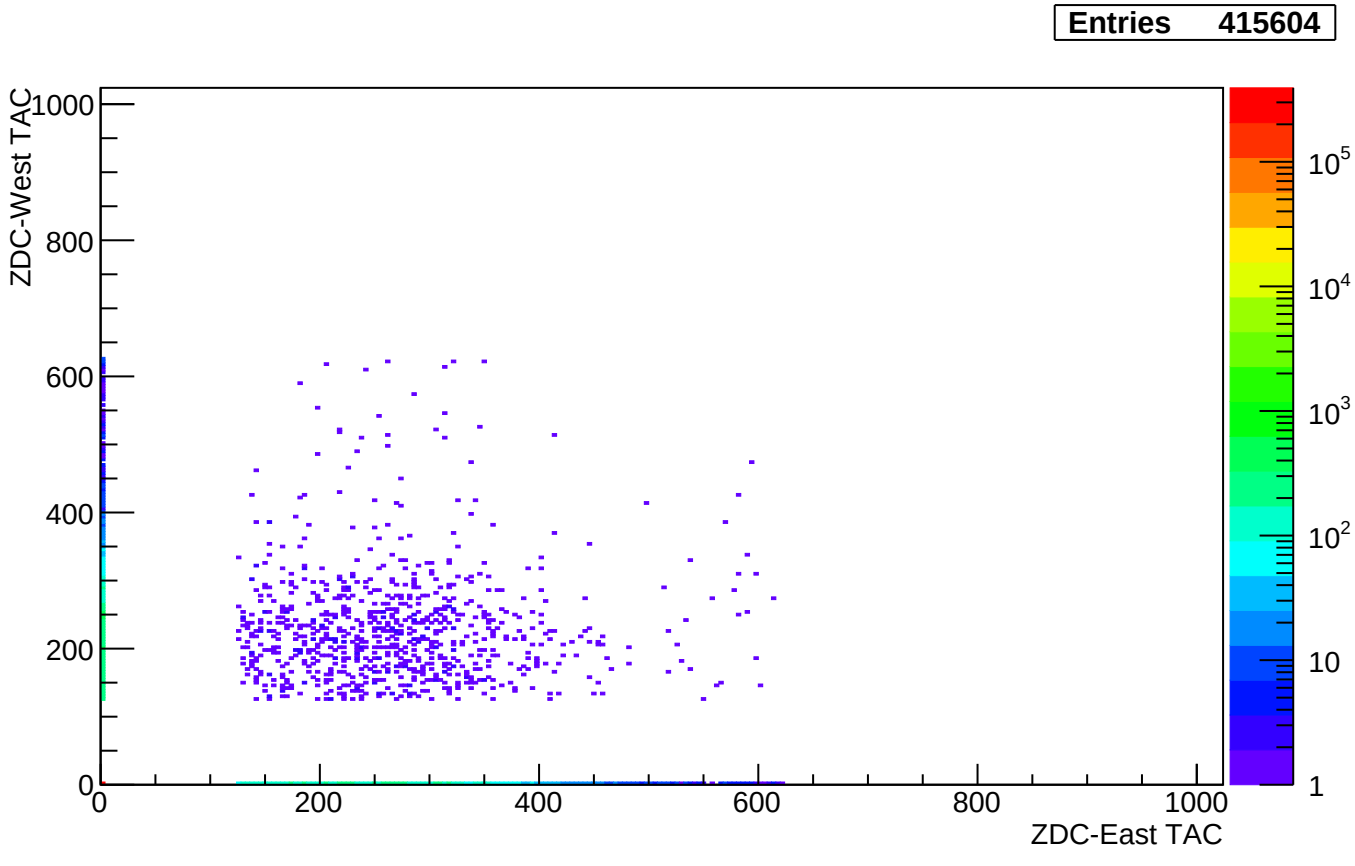

Entries 415604
TOF-Mult
VPD-East ADC Sum

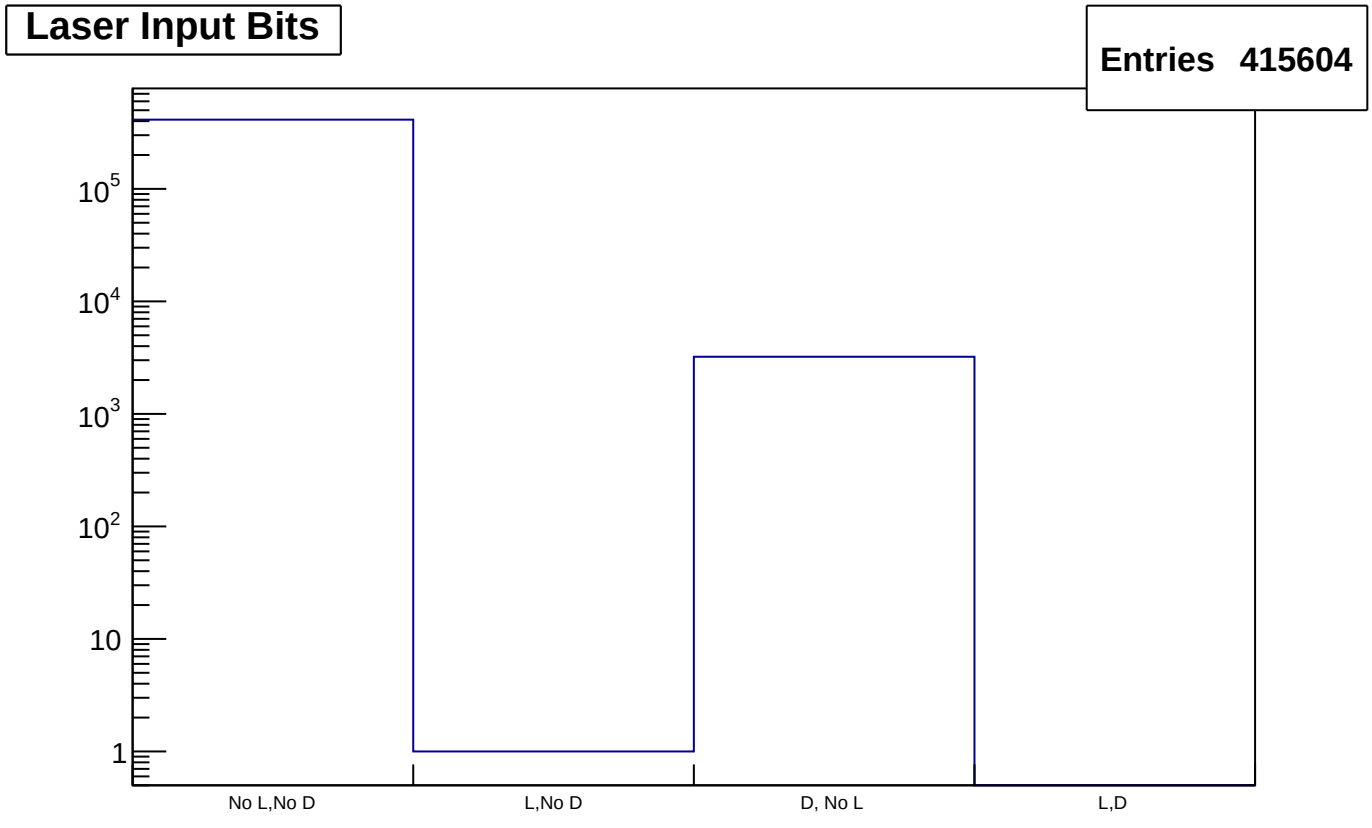

Entries 415604
TOF-Mult
VPD-West ADC Sum

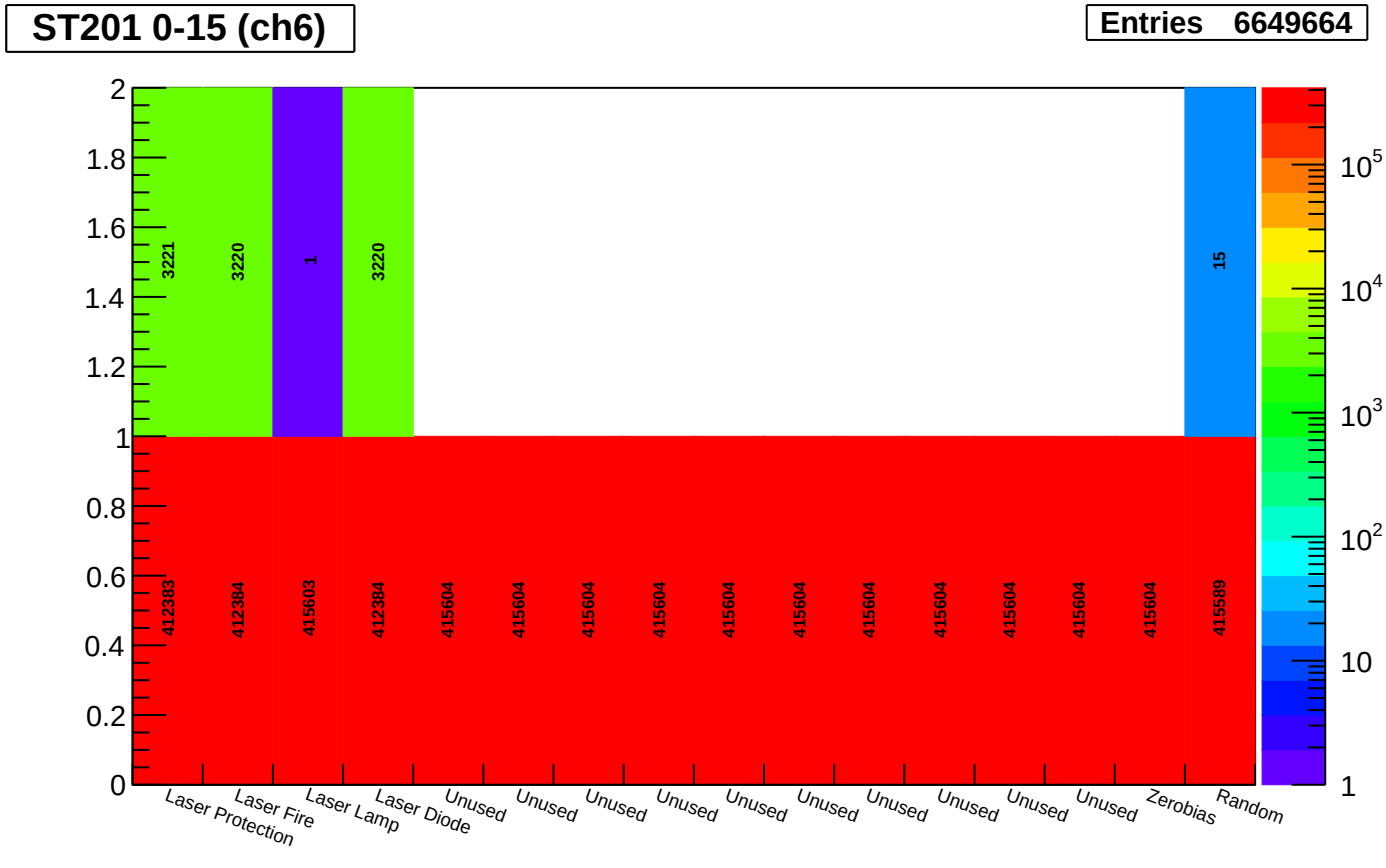

Entries 415604
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}


Entries 415604
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 415604
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}

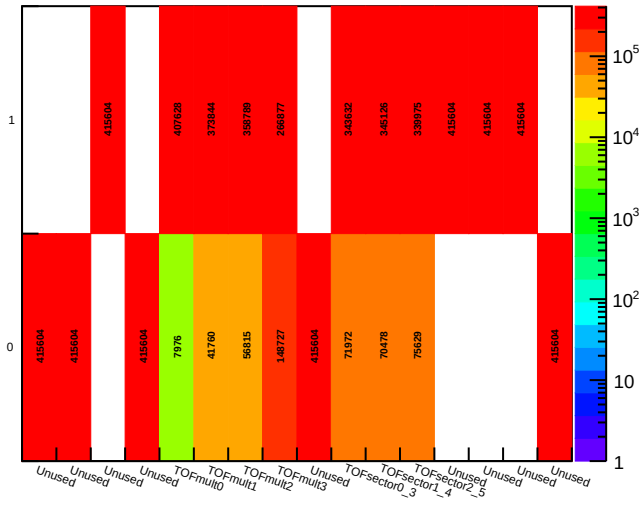

Entries 415604
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1


Laser Input Bits
Entries 415604
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 6649664
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3221
3220
1
3220
15
412383
412384
415603
412384
415604
415604
415604
415604
415604
415604
415604
415604
415604
415604
415604
415589
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

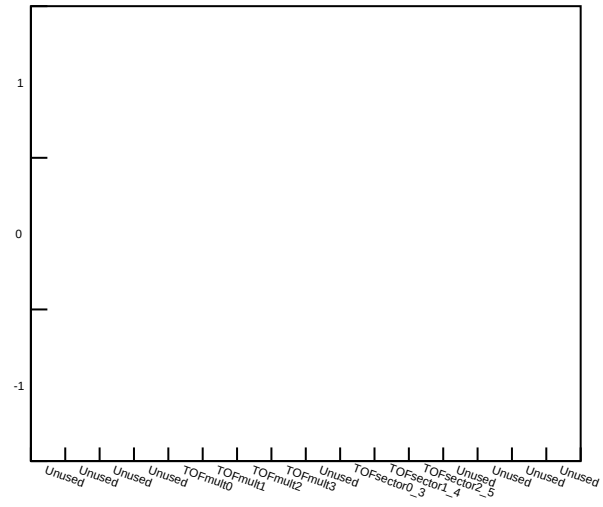
TF201 0-15 (ch0)

Entries 6649664



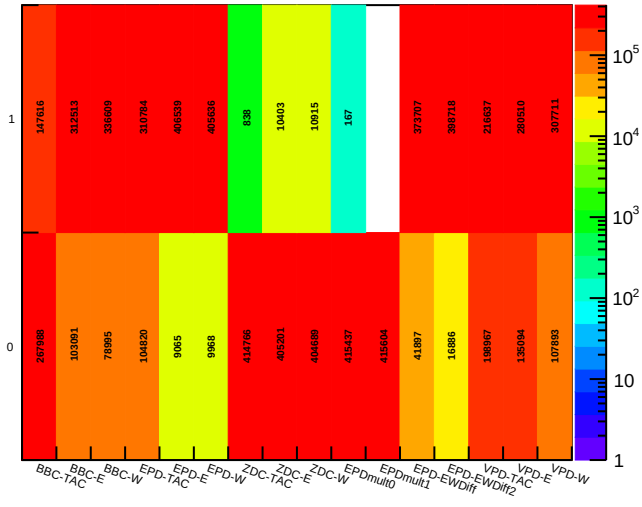
TF201 0-15 (ch0)

Entries 0



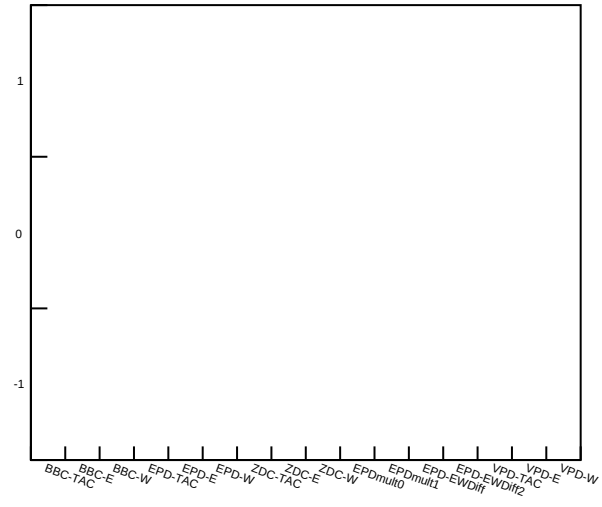
VT201 0-15 (ch1)

Entries 6649664



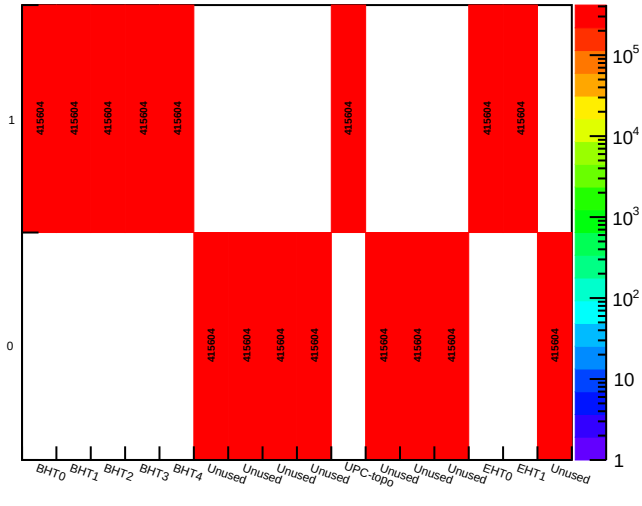
VT201 0-15 (ch1)

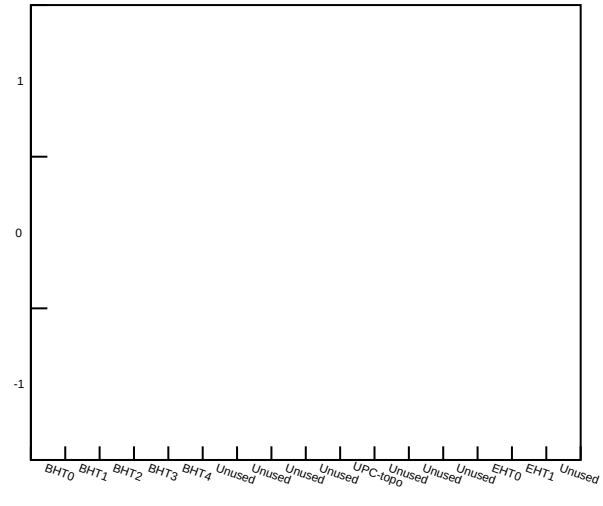
Entries 0



EM201 0-15 (ch3)

Entries 6649664



EM201 0-15 (ch3)

Entries 0