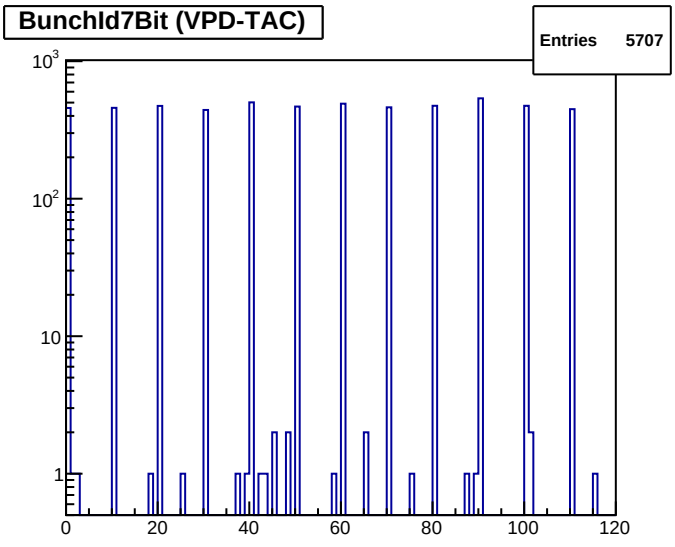
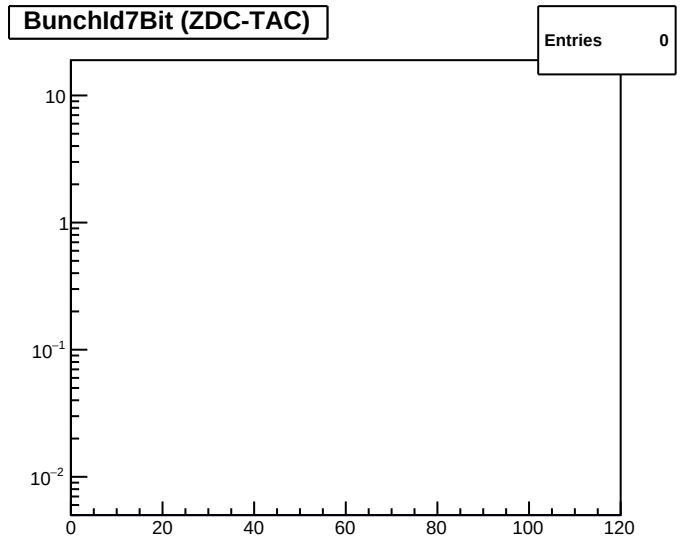
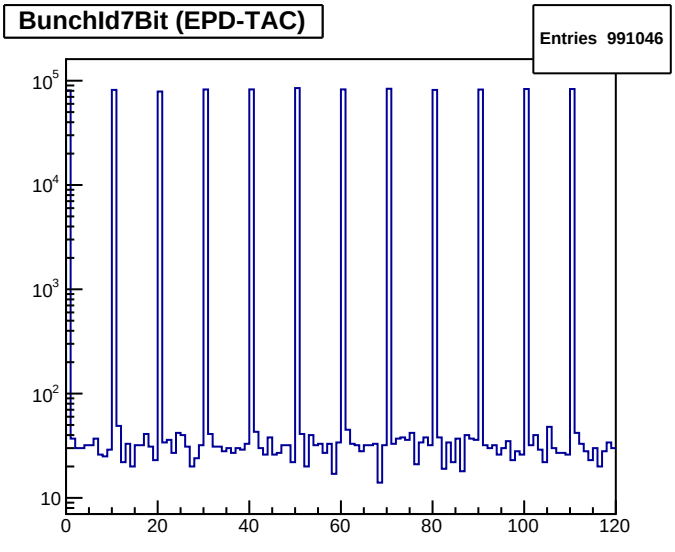
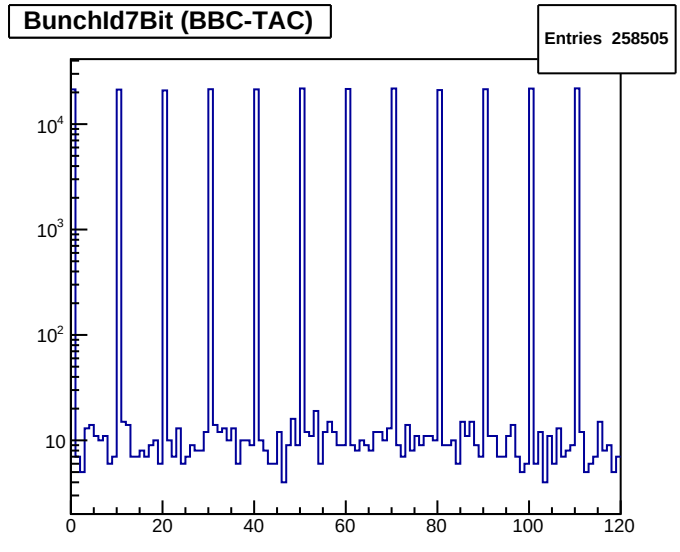
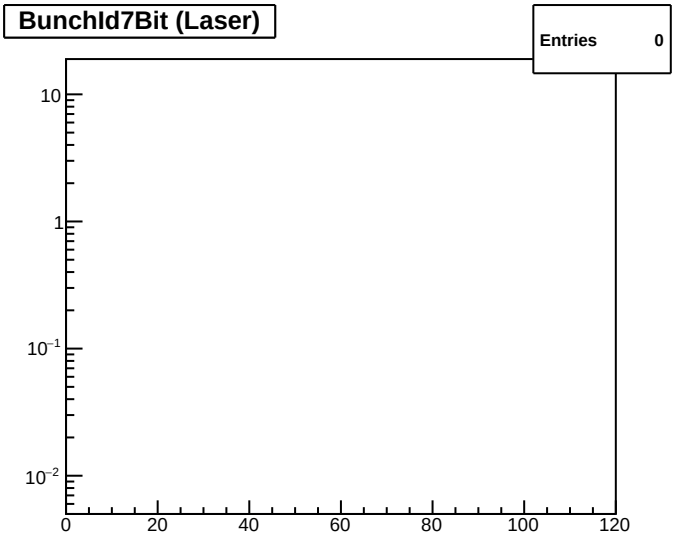
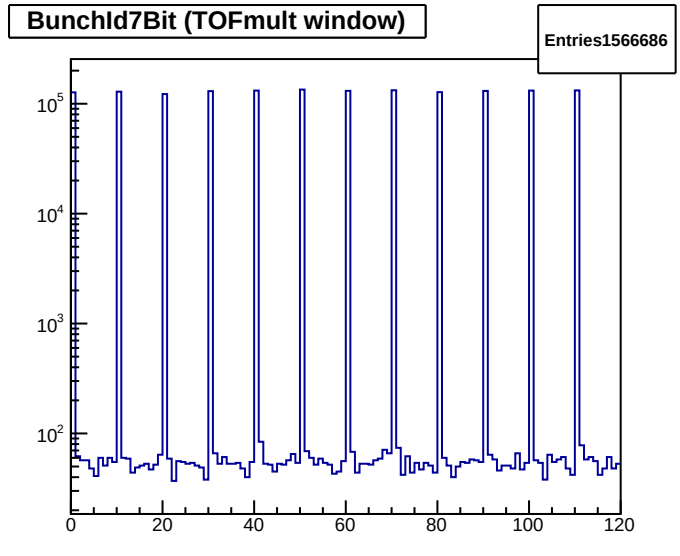

BunchId7Bit (VPD-TAC)
Entries 5707

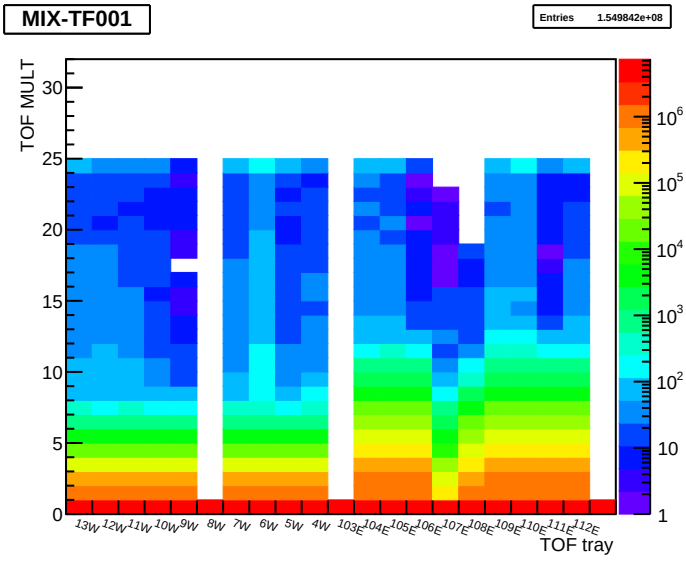

BunchId7Bit (ZDC-TAC)
Entries 0

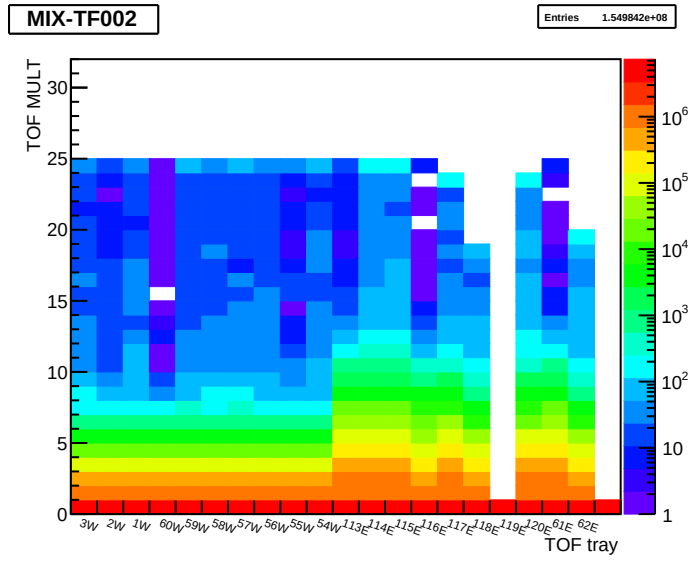

BunchId7Bit (EPD-TAC)
Entries 991046

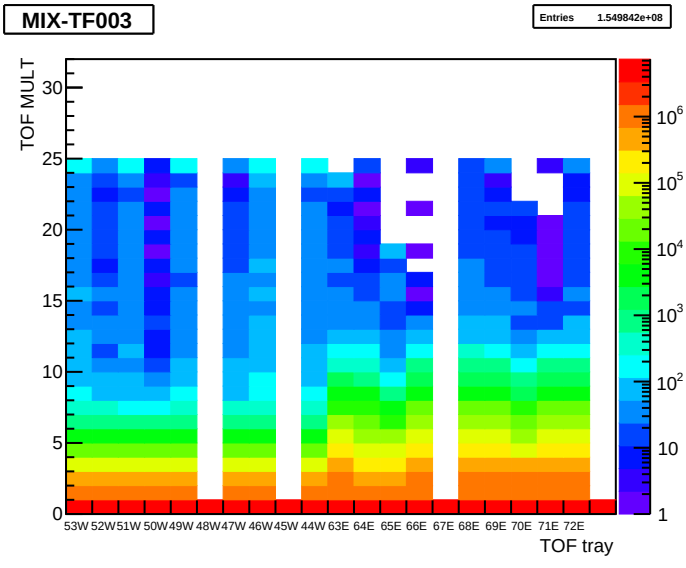

BunchId7Bit (BBC-TAC)
Entries 258505

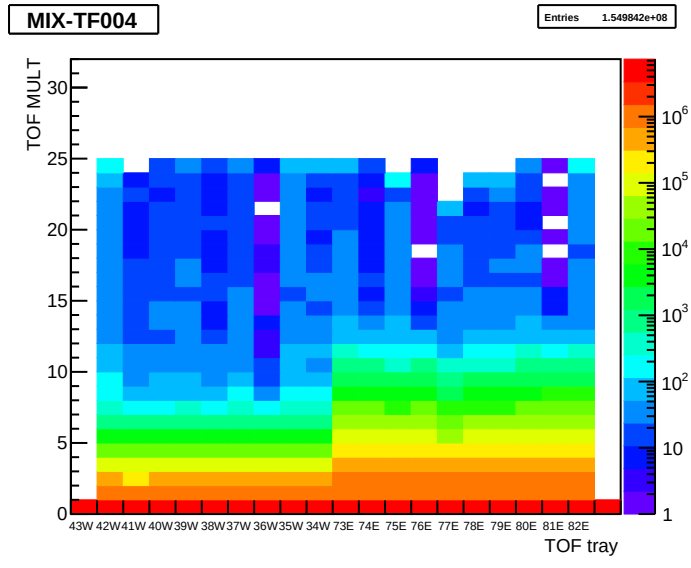

BunchId7Bit (Laser)
Entries 0

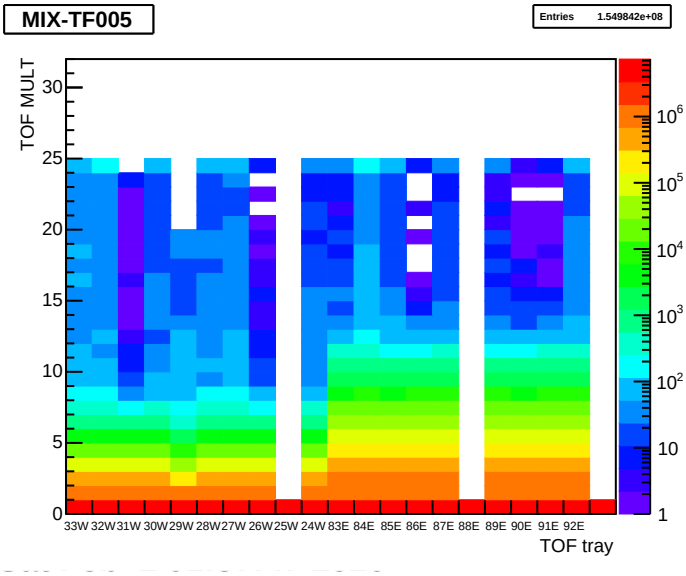

BunchId7Bit (TOFmult window)
Entries1566686

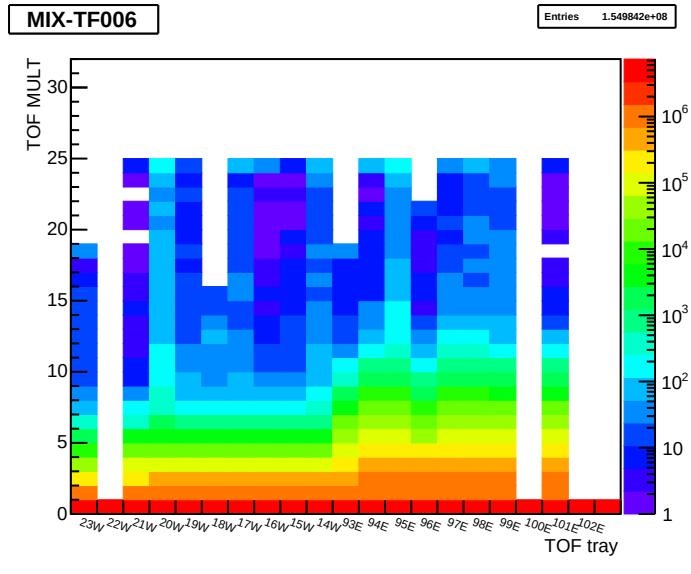

MIX-TF001
Entries 1.549842e+08
TOF MULT
TOF tray

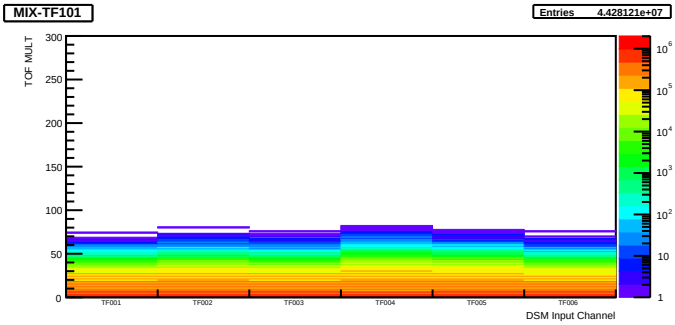

MIX-TF002
Entries 1.549842e+08
TOF MULT
TOF tray

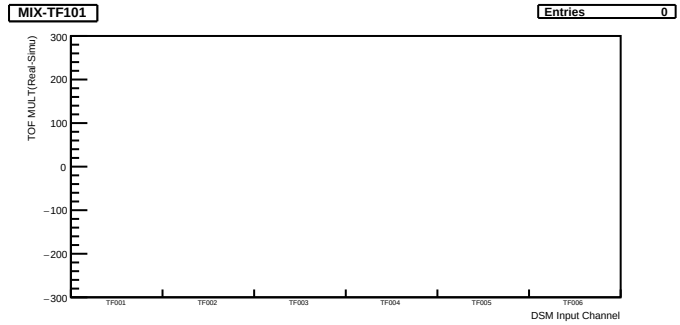

MIX-TF003
Entries 1.549842e+08
TOF MULT
TOF tray

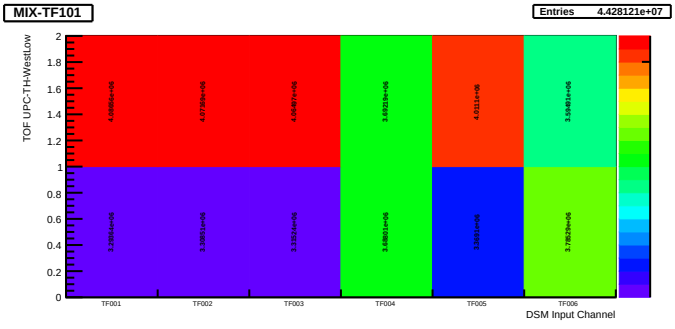

MIX-TF004
Entries 1.549842e+08
TOF MULT
TOF tray

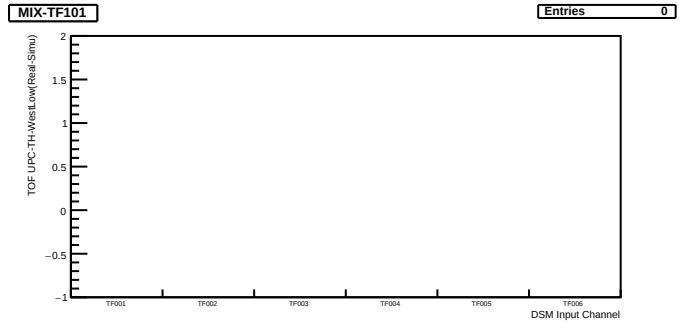

MIX-TF005
Entries 1.549842e+08
TOF MULT
TOF tray

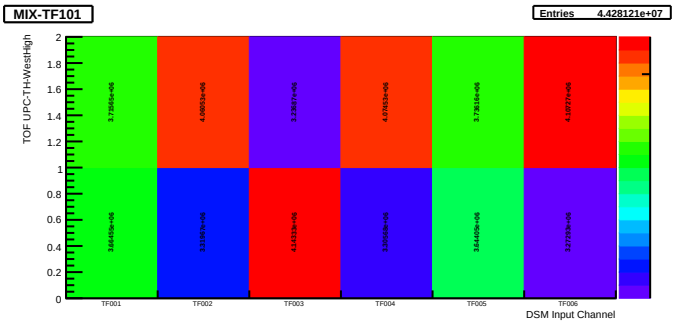

MIX-TF006
Entries 1.549842e+08
TOF MULT
TOF tray

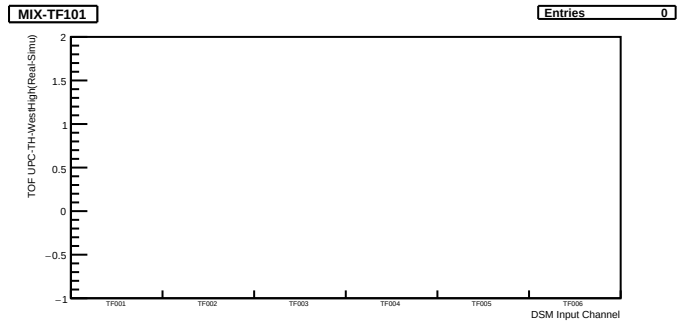

MIX-TF101
Entries 4.428121e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

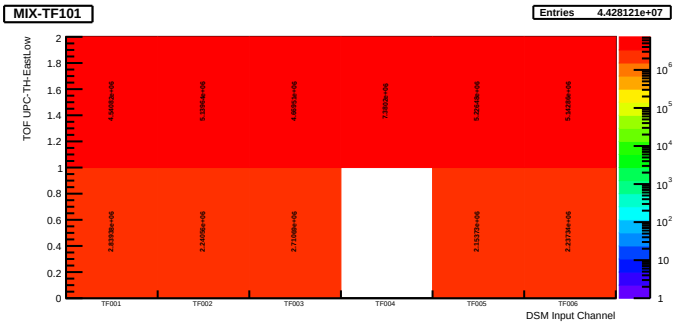

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

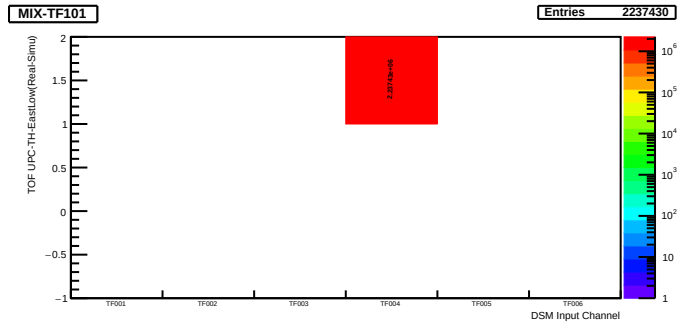

MIX-TF101
Entries 4.428121e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

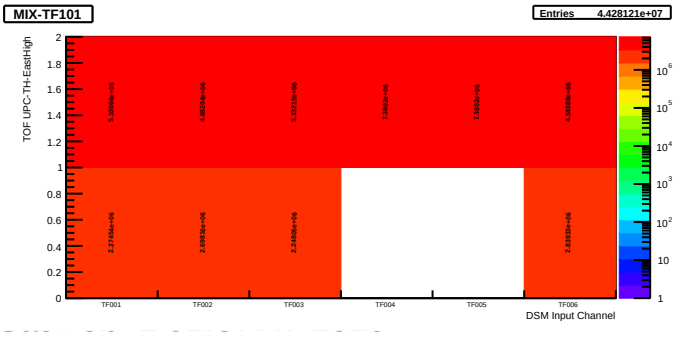

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

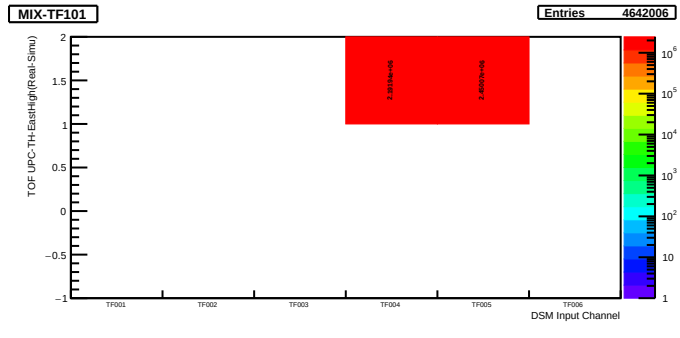

MIX-TF101
Entries 4.428121e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

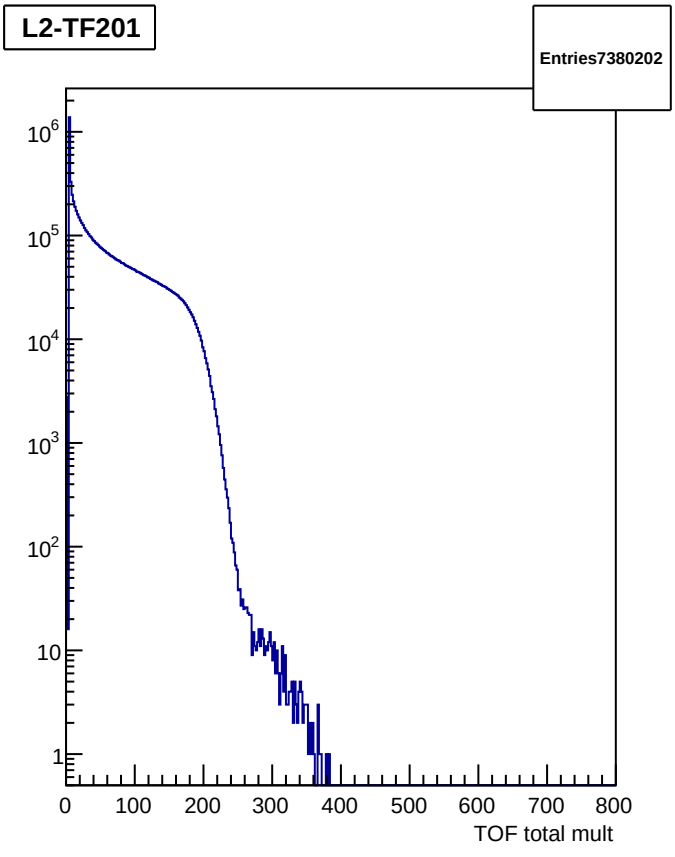

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

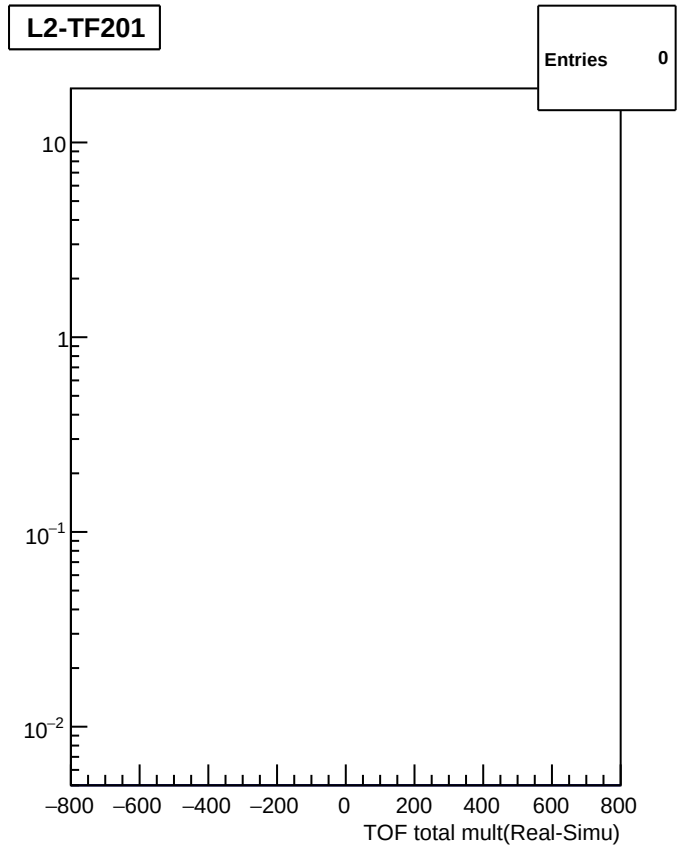

MIX-TF101
Entries 4.428121e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

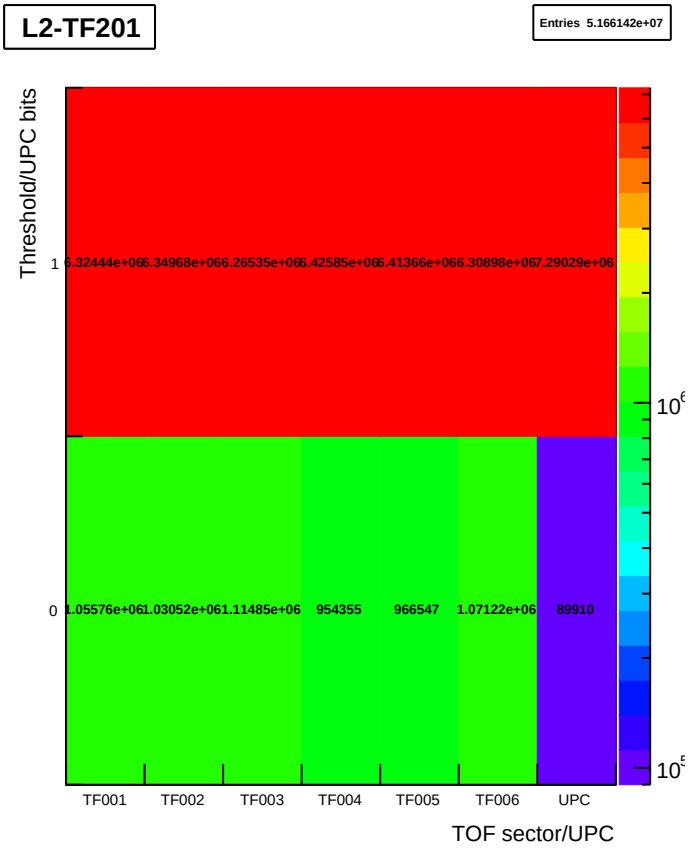

MIX-TF101
Entries 2237430
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

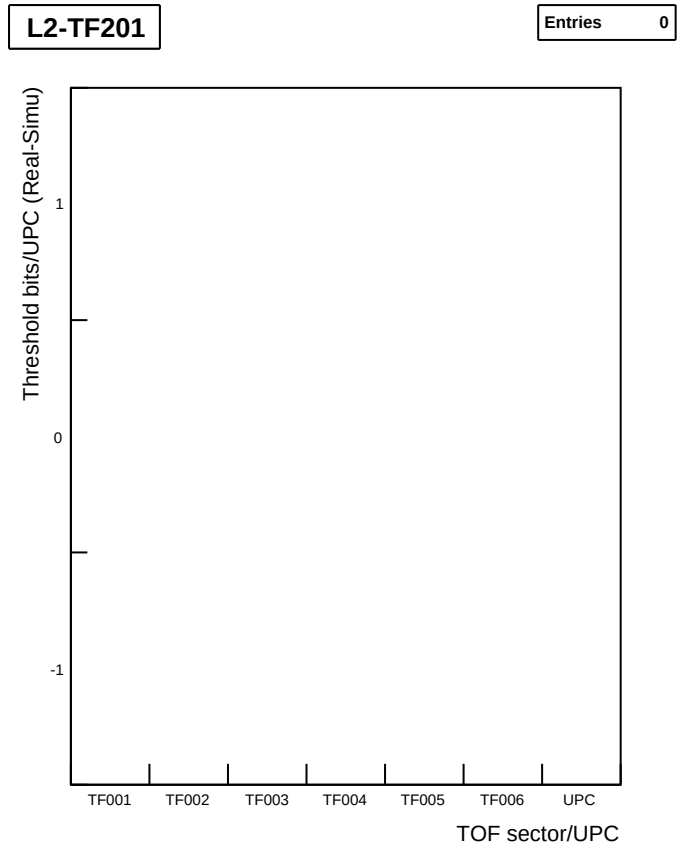

MIX-TF101
Entries 4.428121e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

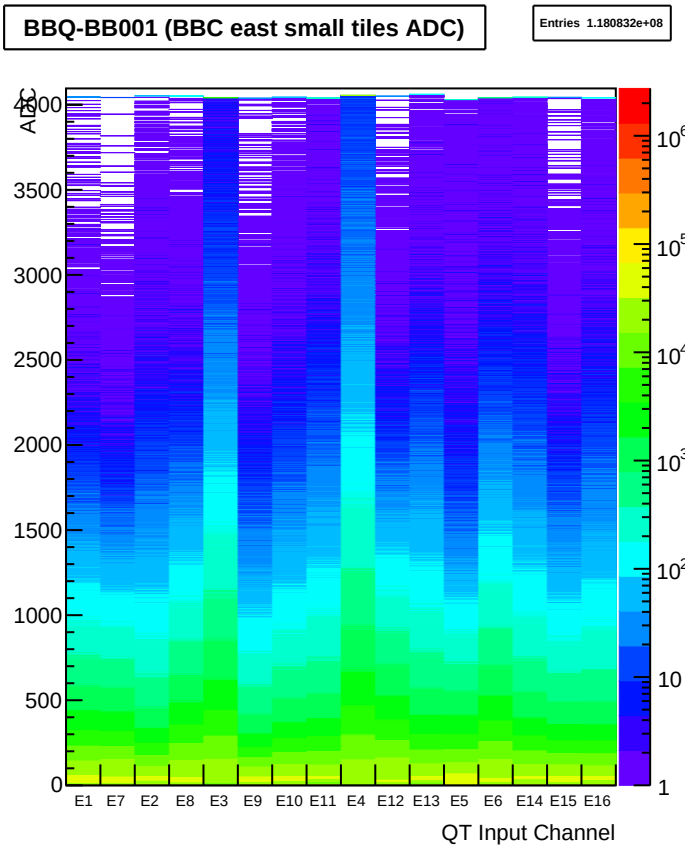

MIX-TF101
Entries 4642006
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

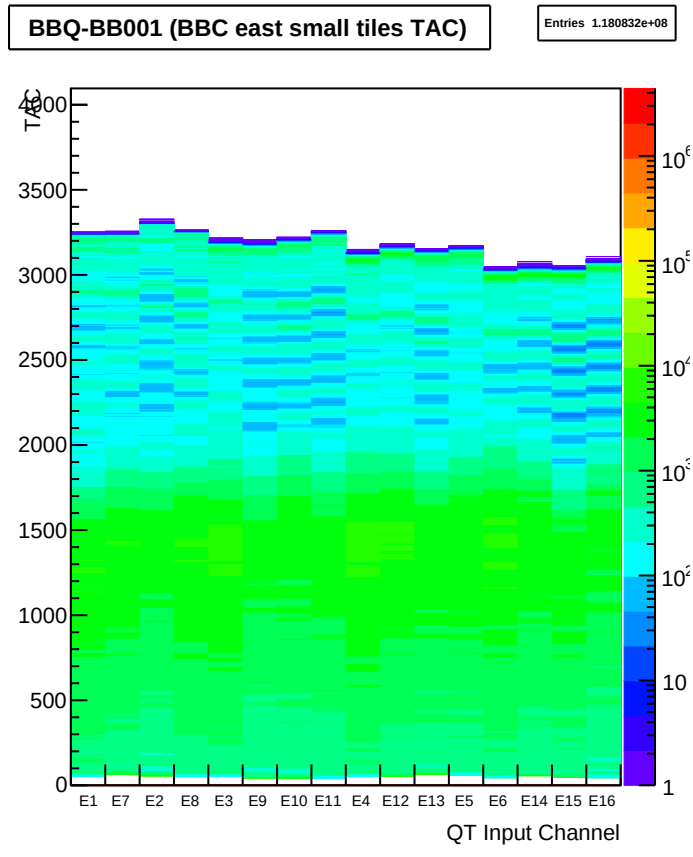

L2-TF201
Entries7380202
TOF total mult

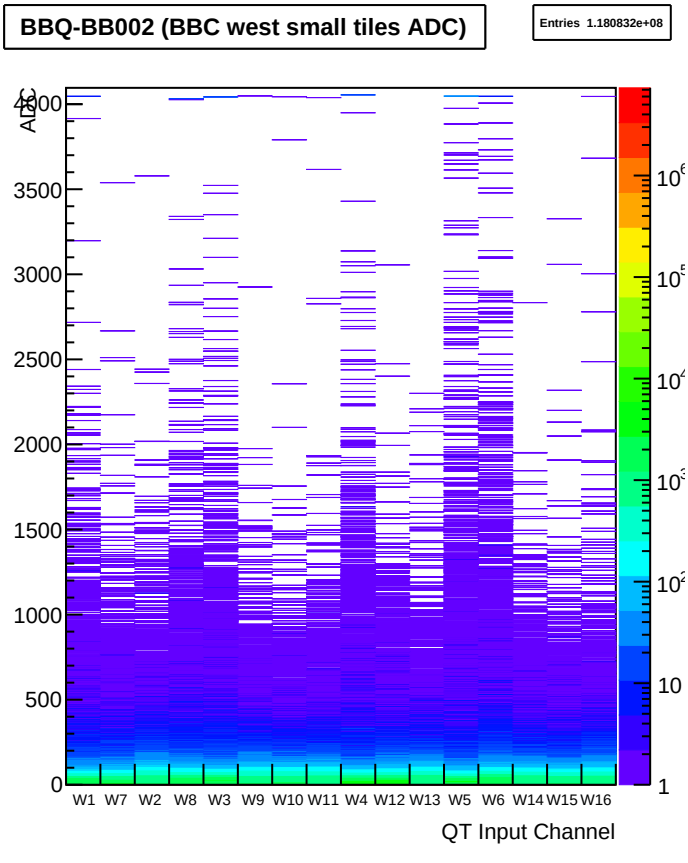

L2-TF201
Entries 0
TOF total mult(Real-Simu)

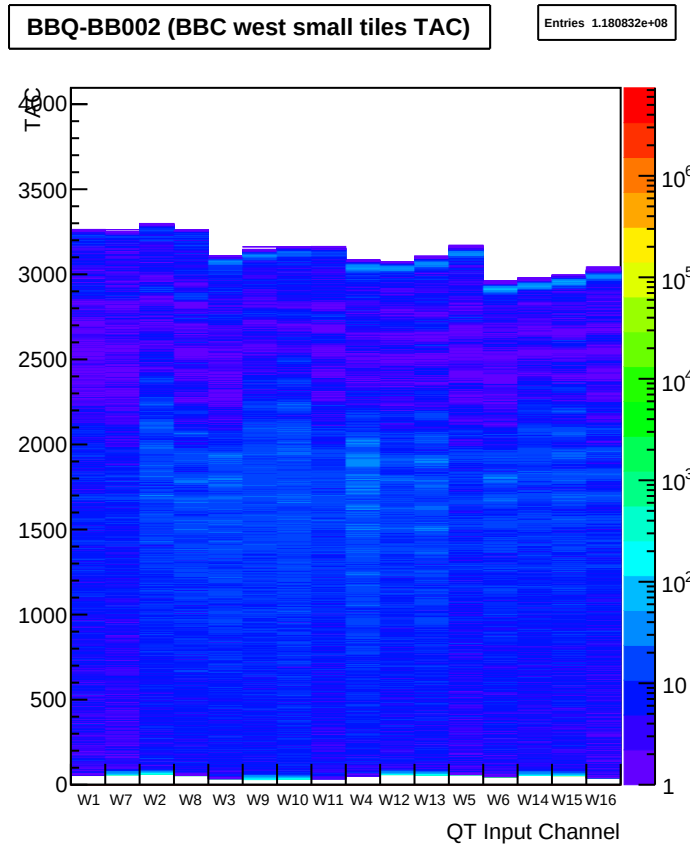

L2-TF201
Entries 5.166142e+07
Threshold/UPC bits
6.32444e+06 6.34968e+06 6.26535e+06 6.42585e+06 6.41366e+06 6.30898e+06 7.29029e+06
1.05576e+06 1.03052e+06 1.11485e+06 954355 966547 1.07122e+06 89910
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

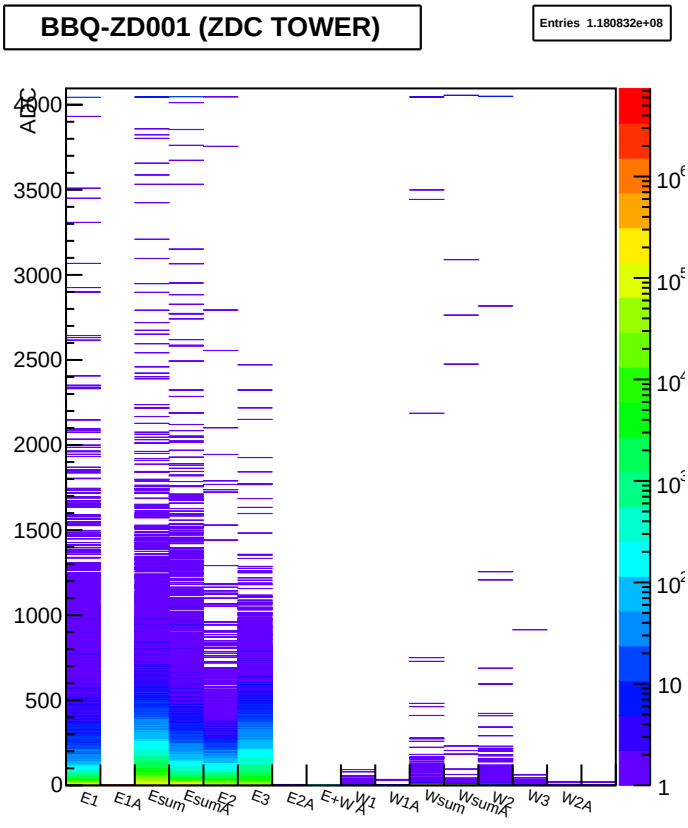

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

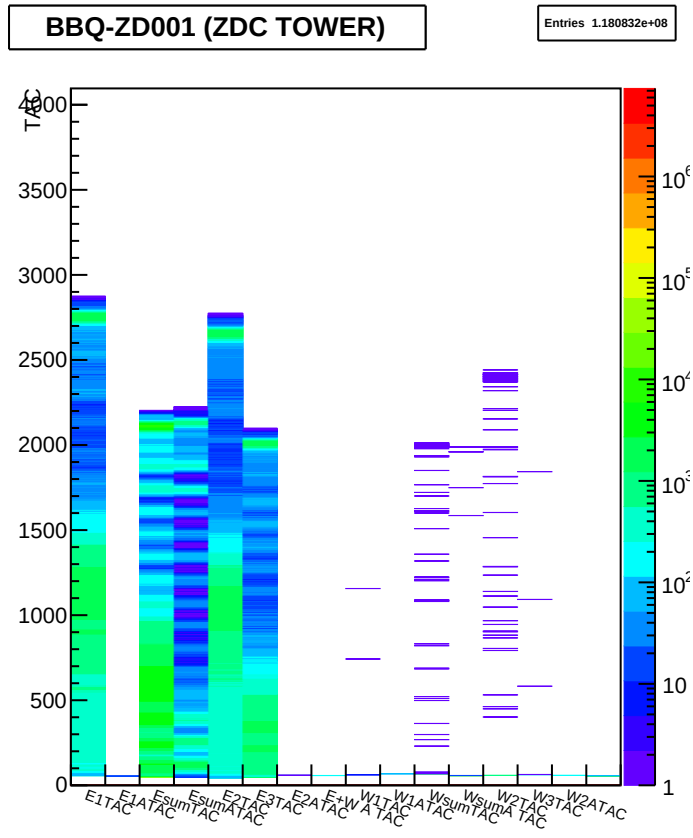

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.180832e+08
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

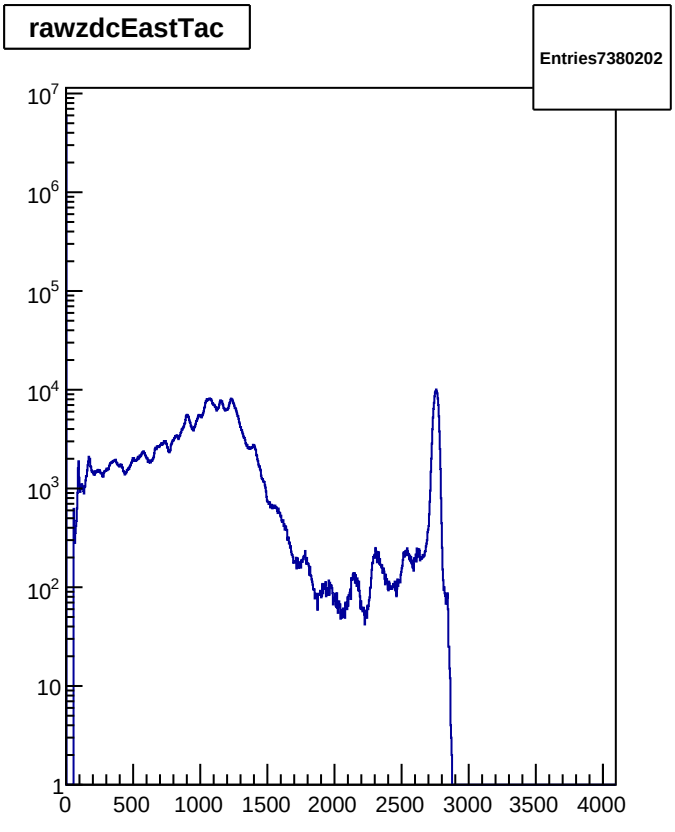

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.180832e+08
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

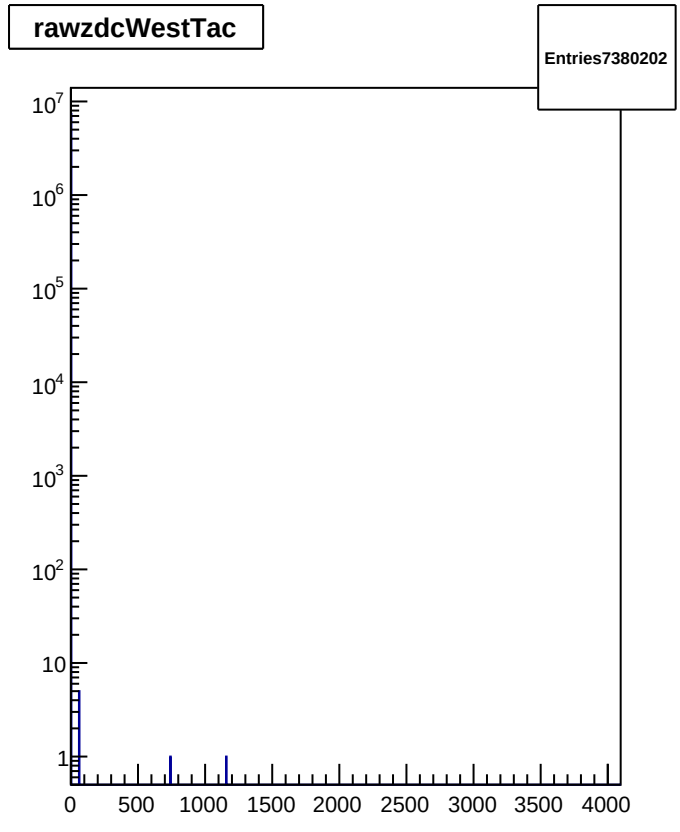

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.180832e+08
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

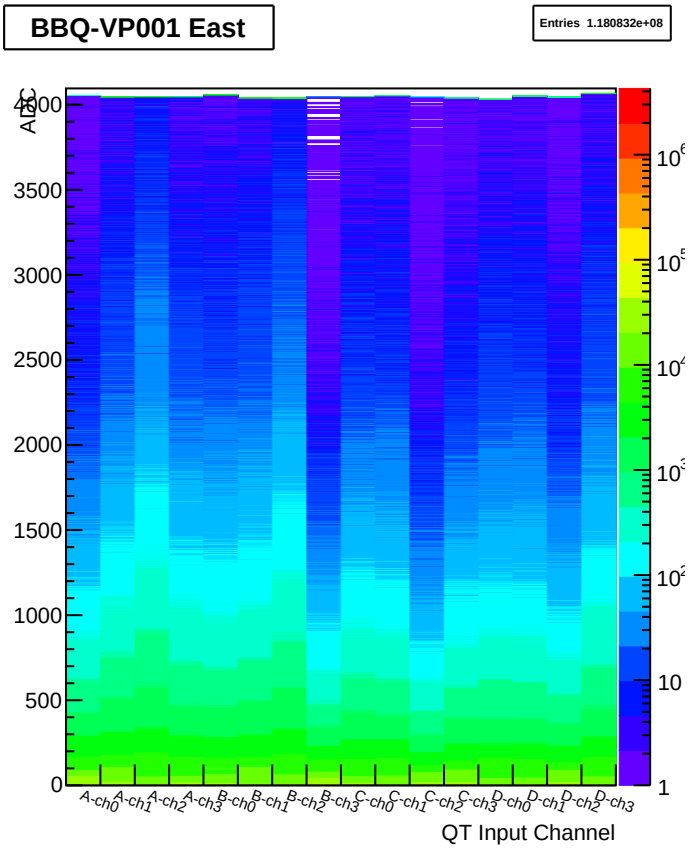

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.180832e+08
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

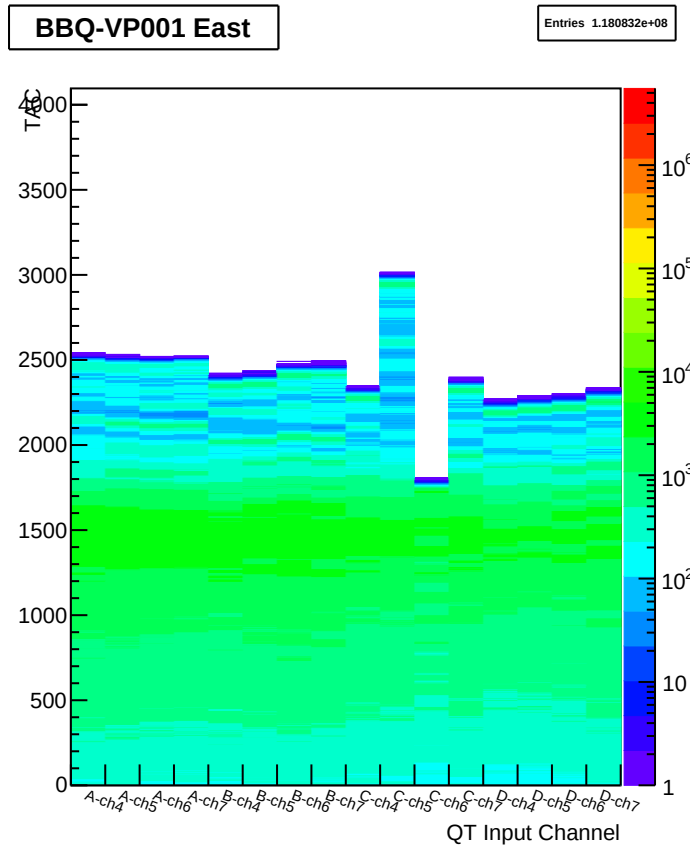

BBQ-ZD001 (ZDC TOWER)
Entries 1.180832e+08
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

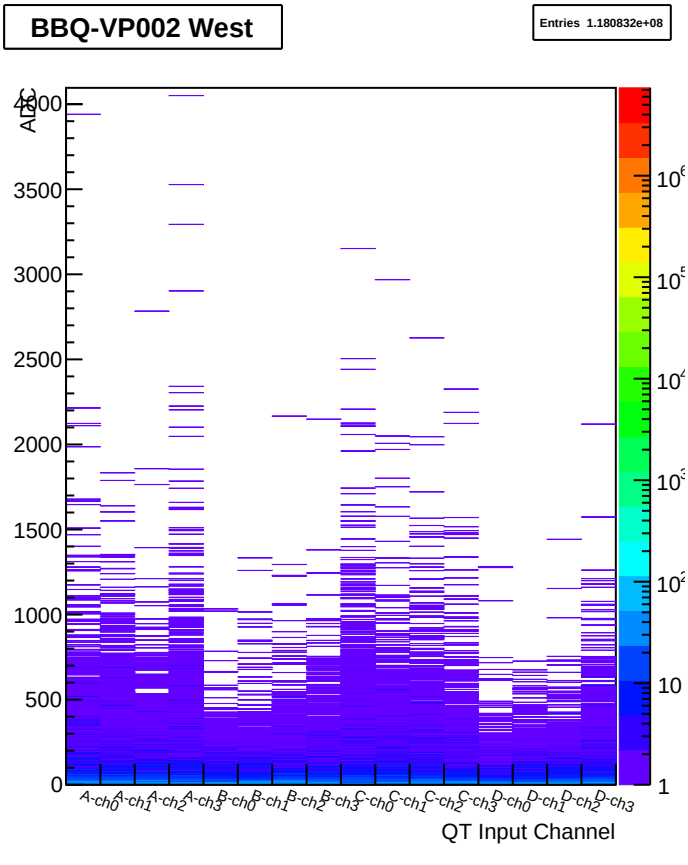

BBQ-ZD001 (ZDC TOWER)
Entries 1.180832e+08
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumATAC
W2TAC
W3TAC
W2ATAC

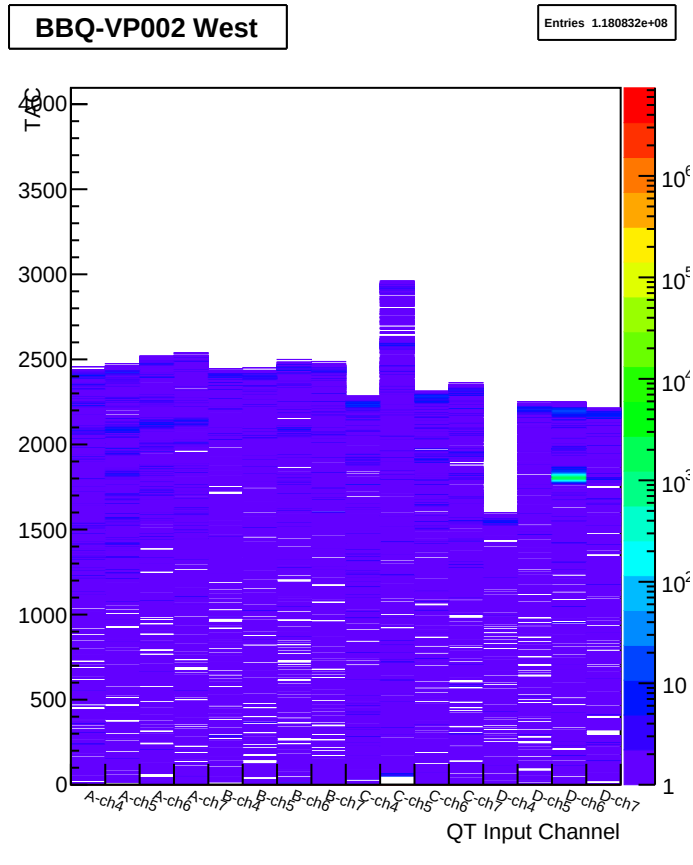

rawzdcEastTac
Entries7380202

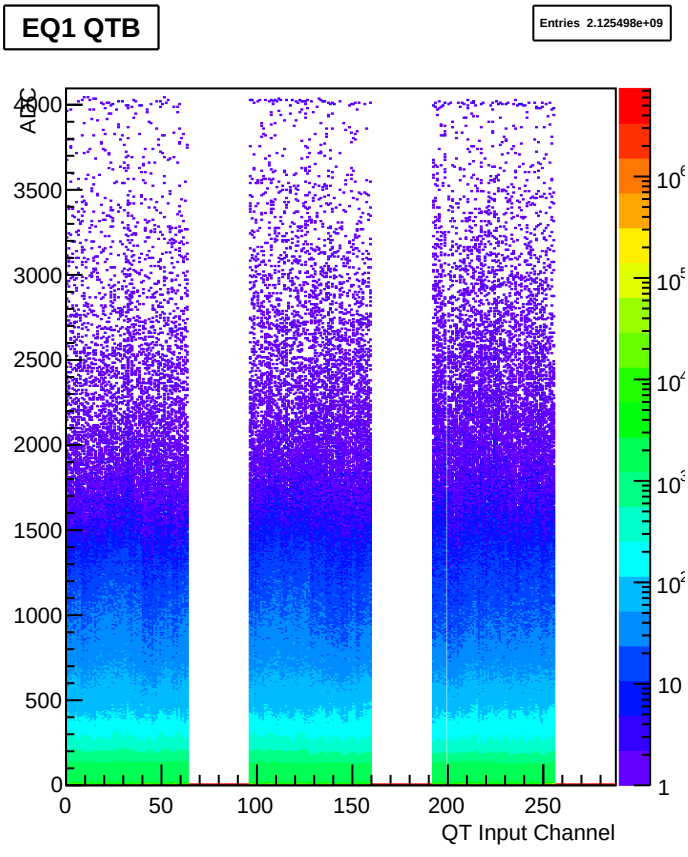

rawzdcWestTac
Entries7380202

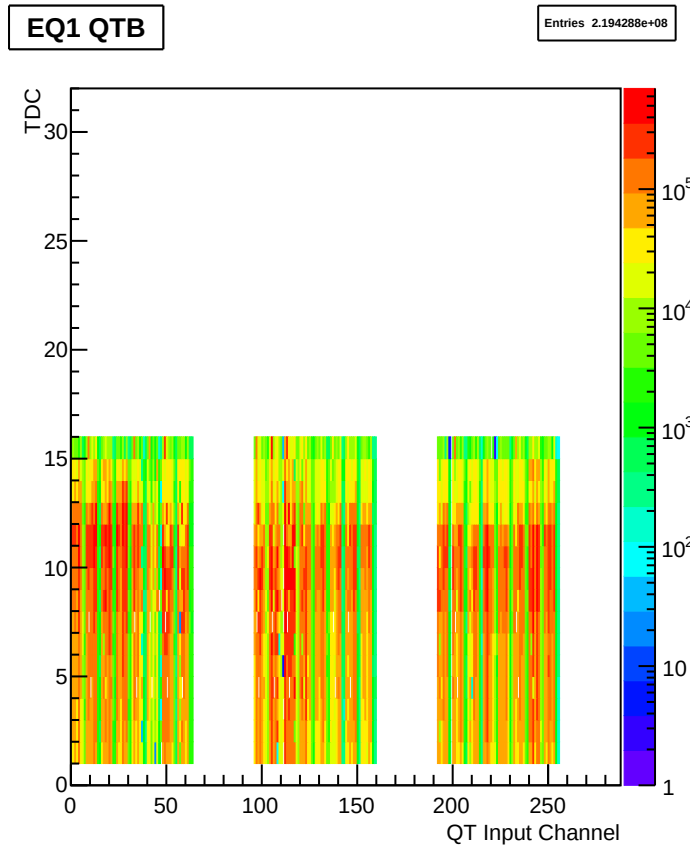

BBQ-VP001 East
Entries 1.180832e+08
ADC
QT Input Channel

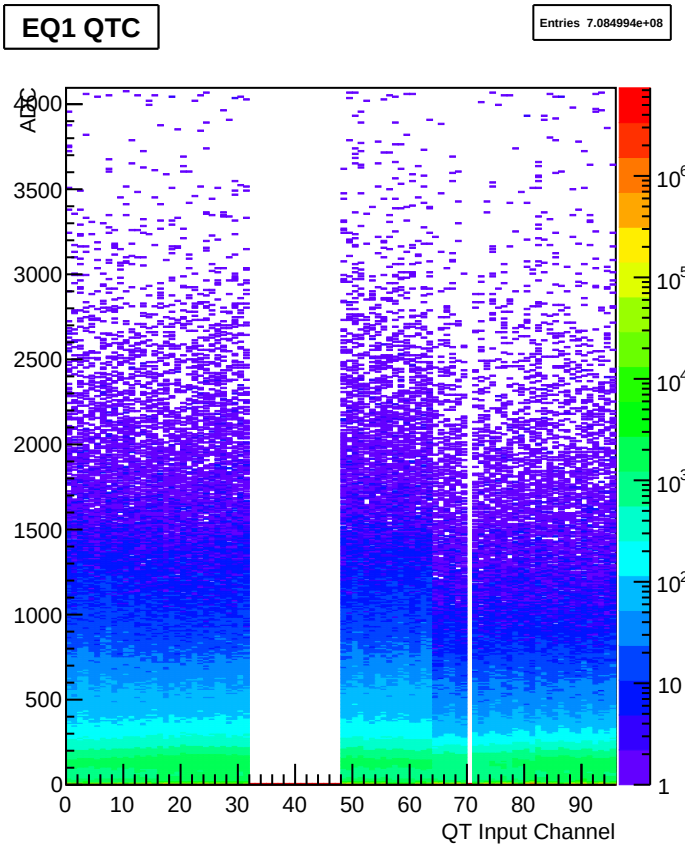

BBQ-VP001 East
Entries 1.180832e+08
ADC
QT Input Channel

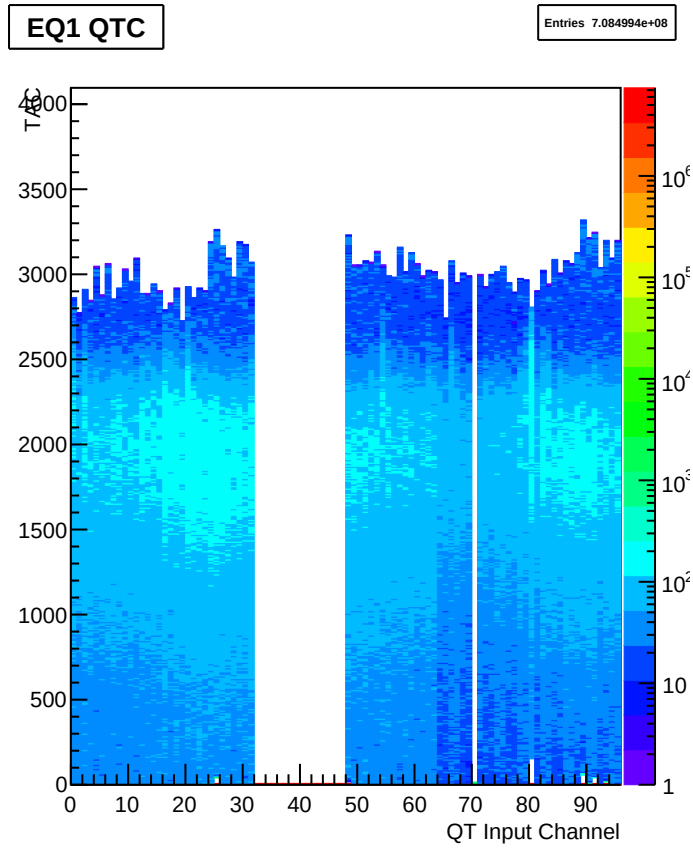

BBQ-VP002 West
Entries 1.180832e+08
ADC
QT Input Channel

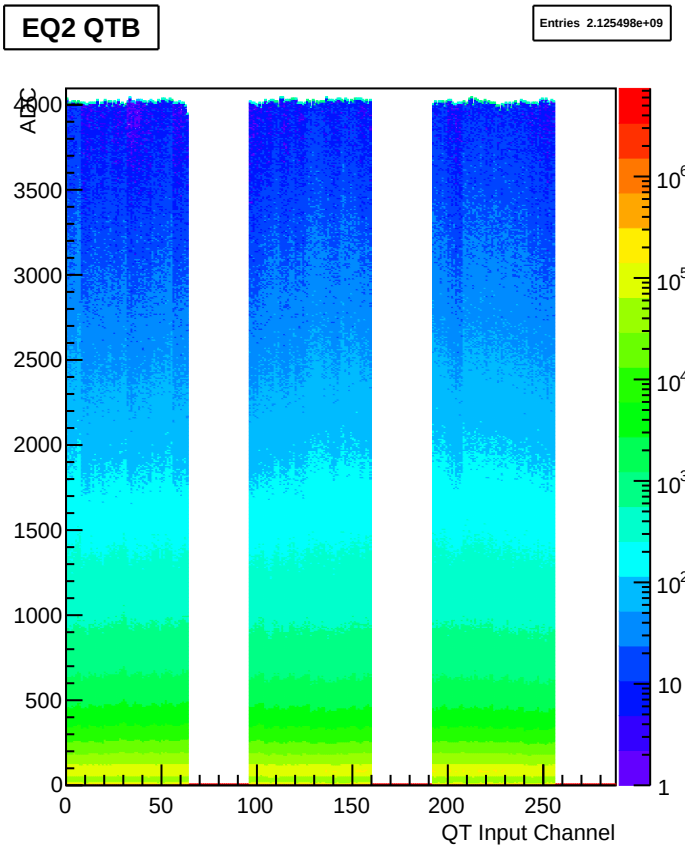

BBQ-VP002 West
Entries 1.180832e+08
ADC
QT Input Channel

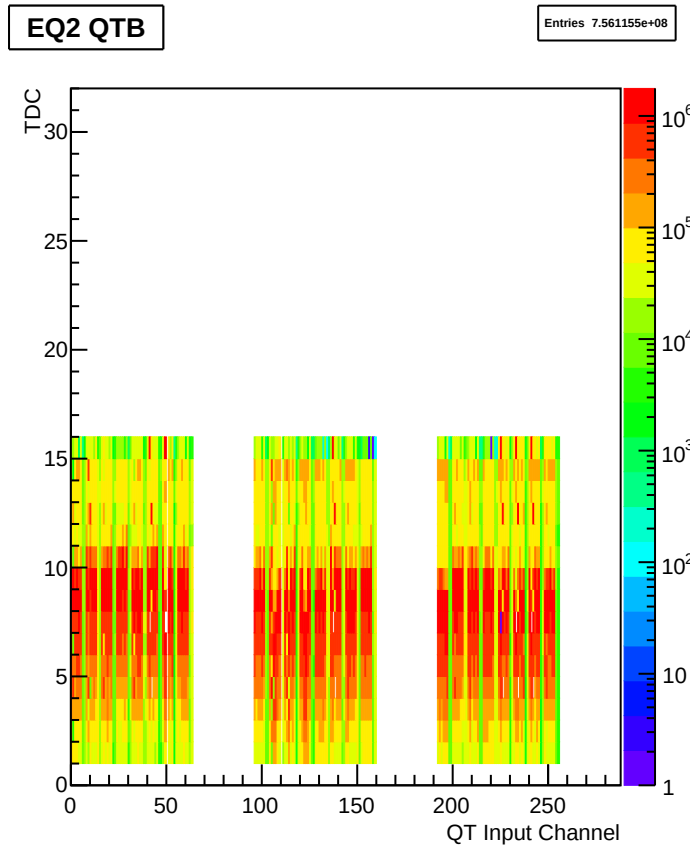

EQ1 QTB
Entries 2.125498e+09
ADC
QT Input Channel

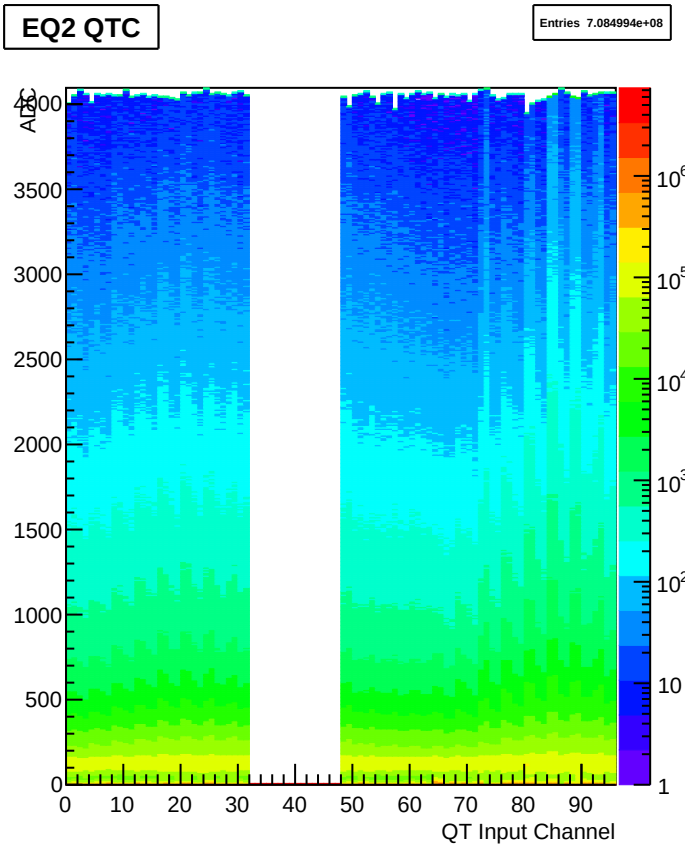

EQ1 QTB
Entries 2.194288e+08
TDC
QT Input Channel

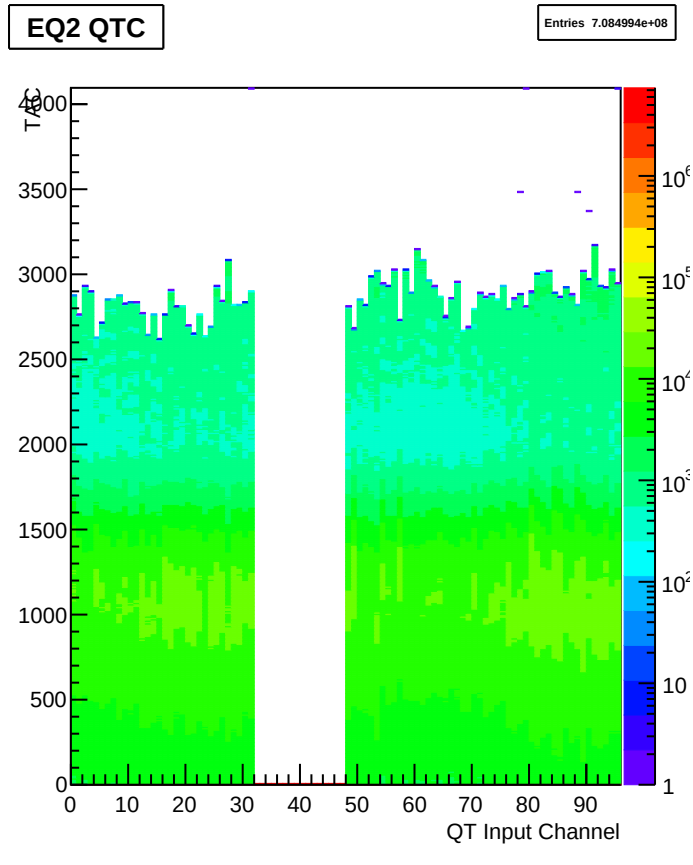

EQ1 QTC
Entries 7.084994e+08
ADC
QT Input Channel

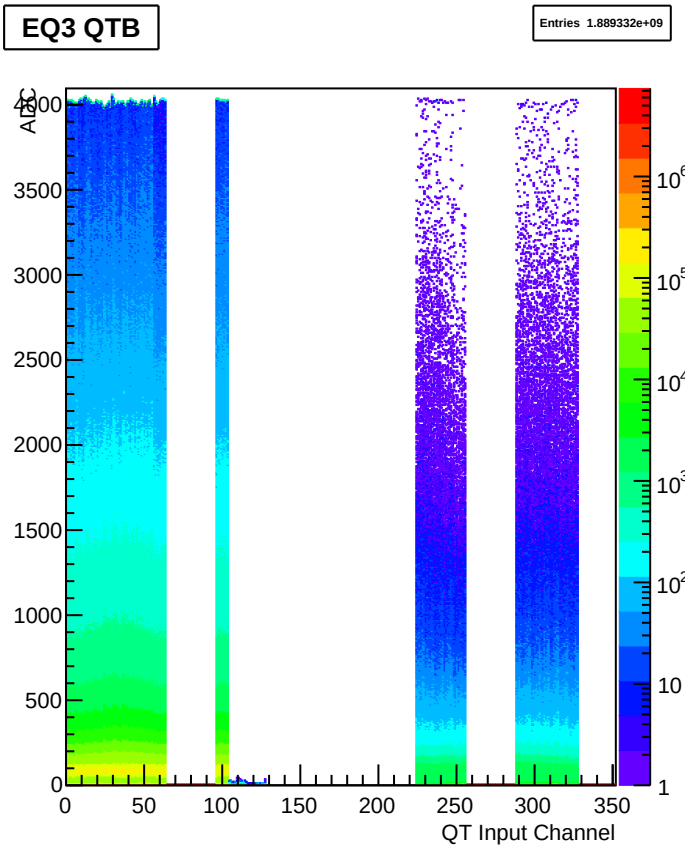

EQ1 QTC
Entries 7.084994e+08
TADC
QT Input Channel

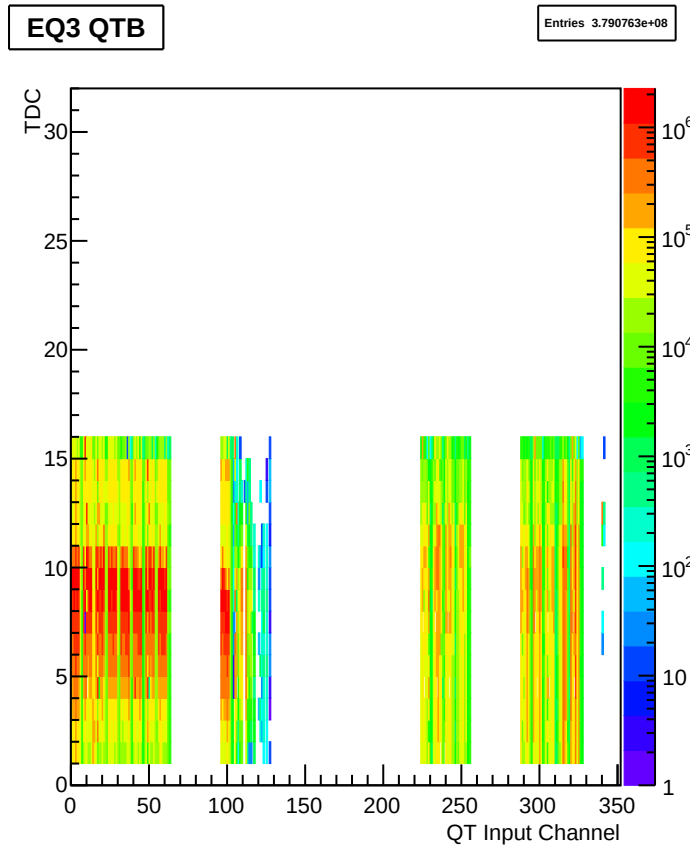

EQ2 QTB
Entries 2.125498e+09
ADC
QT Input Channel

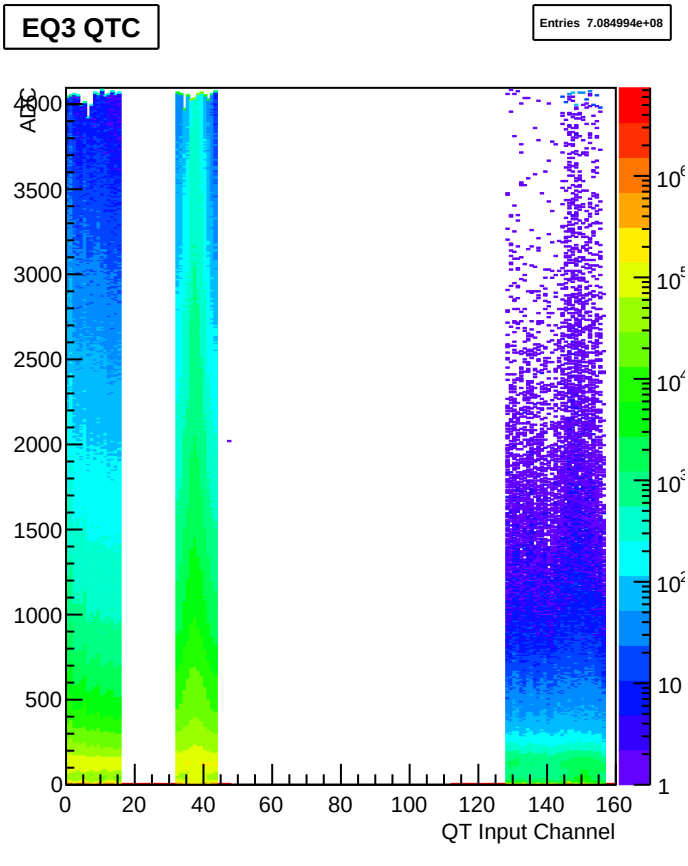

EQ2 QTB
Entries 7.561155e+08
TDC
QT Input Channel

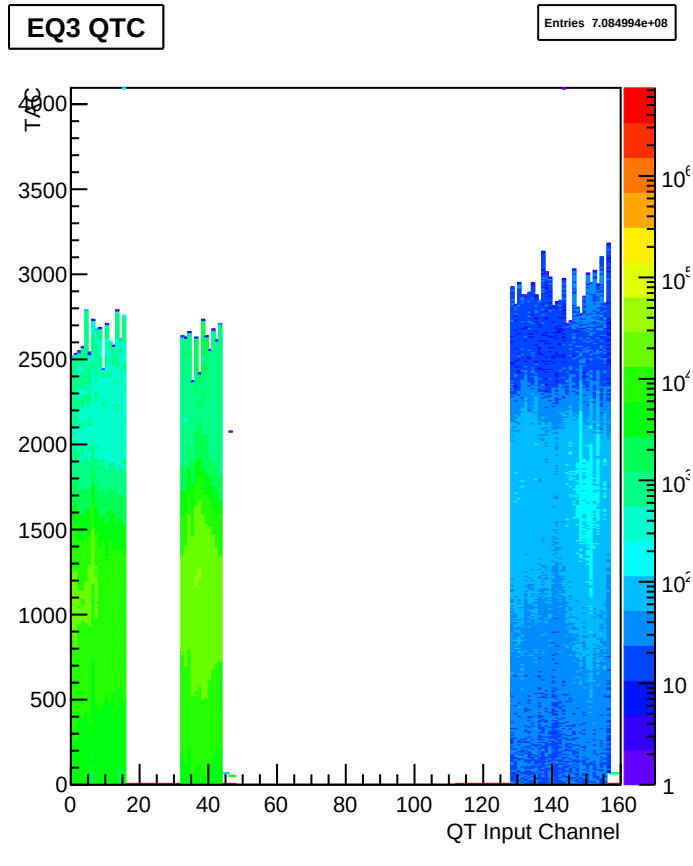

EQ2 QTC
Entries 7.084994e+08
ADC
QT Input Channel

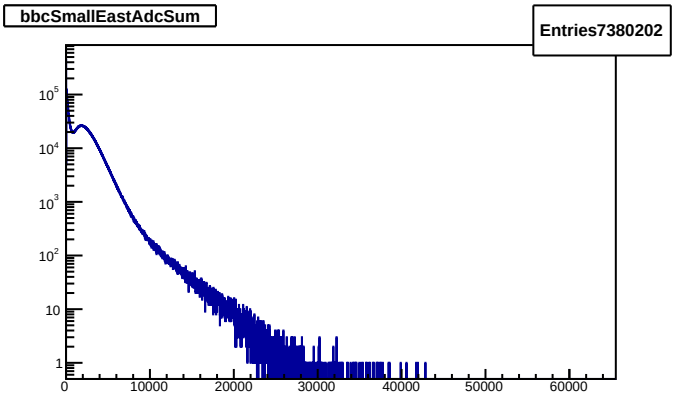

EQ2 QTC
Entries 7.084994e+08
TADC
QT Input Channel

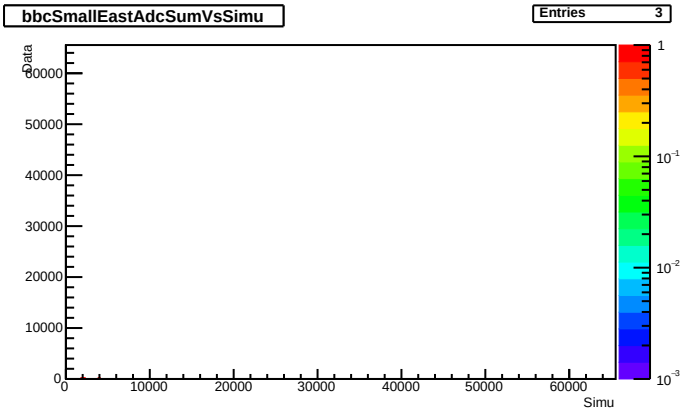

EQ3 QTB
Entries 1.889332e+09
ADC
QT Input Channel

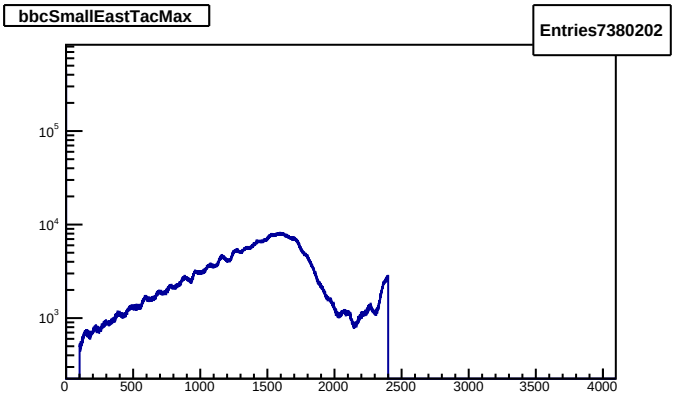

EQ3 QTB
Entries 3.790763e+08
TDC
QT Input Channel

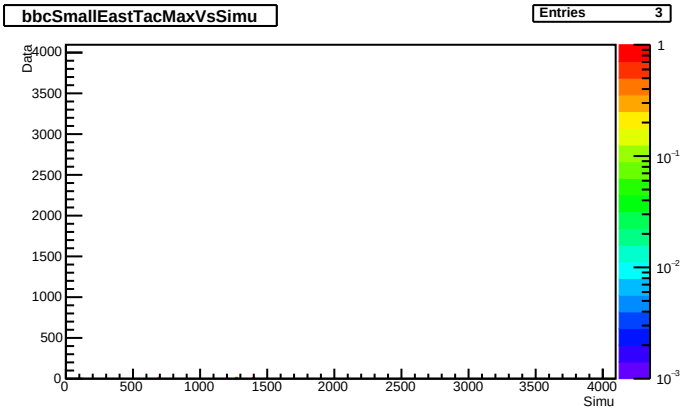

EQ3 QTC
Entries 7.084994e+08
ADC
QT Input Channel


EQ3 QTC
Entries 7.084994e+08
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries7380202


bbcSmallEastAdcSumVsSimu
Entries 3
Data
Simu


bbcSmallEastTacMax
Entries7380202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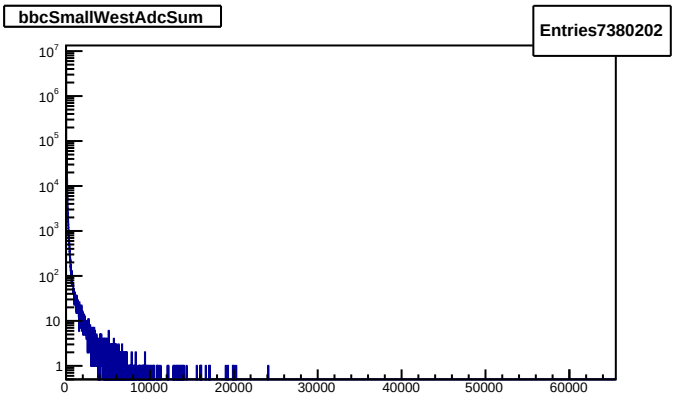
Entries 3
Data
Simu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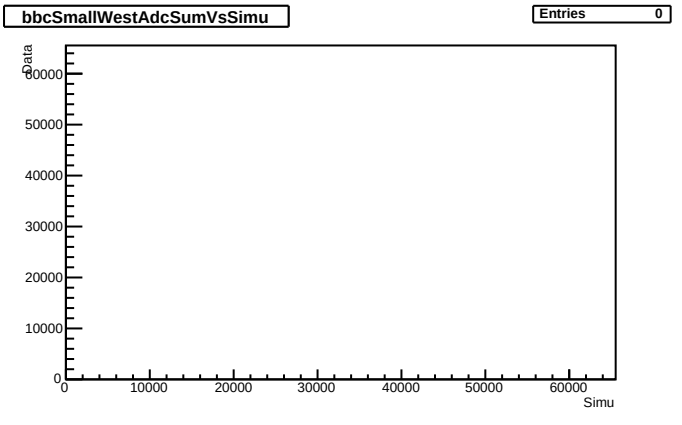
Entries7380202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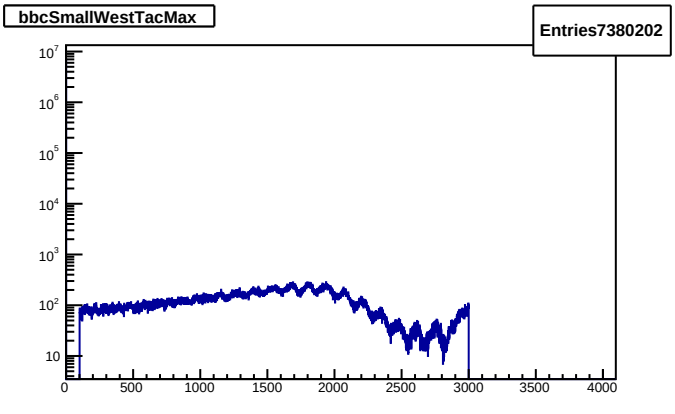
Entries 0
Data
Simu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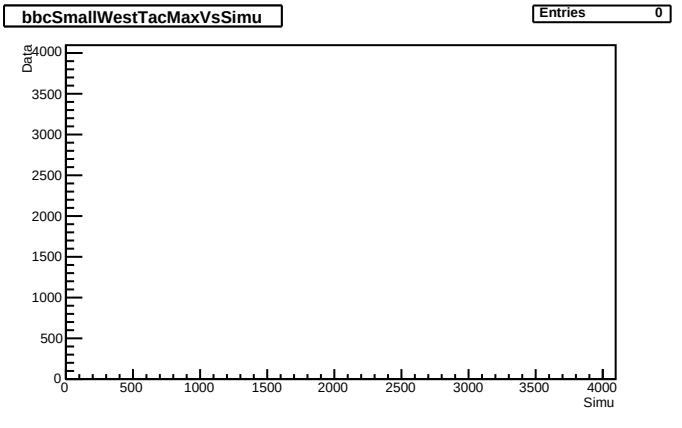
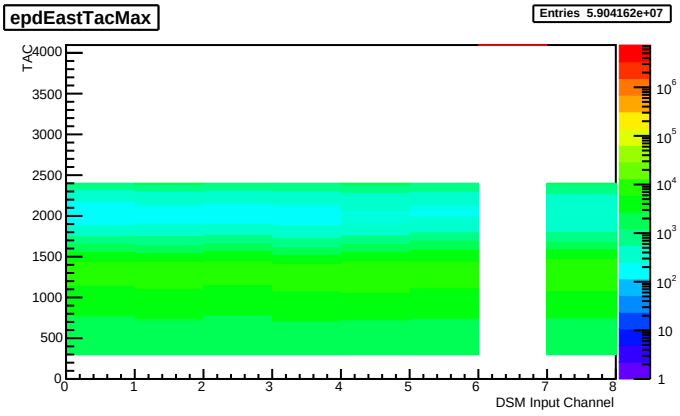
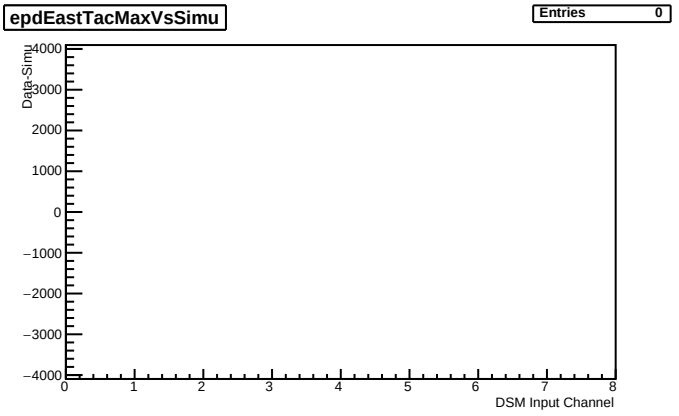
Entries7380202


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5.904162e+07
TAC
DSM Input Channel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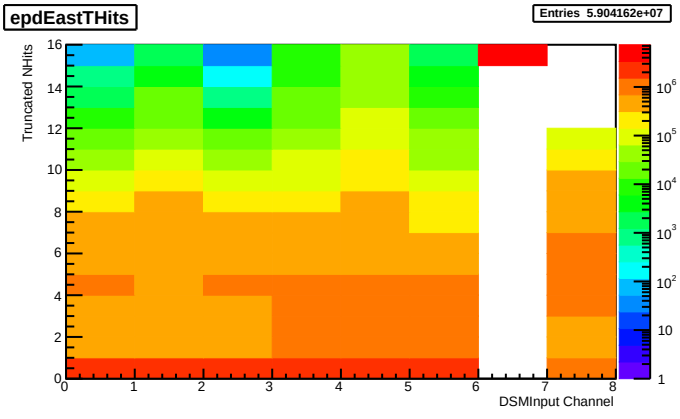
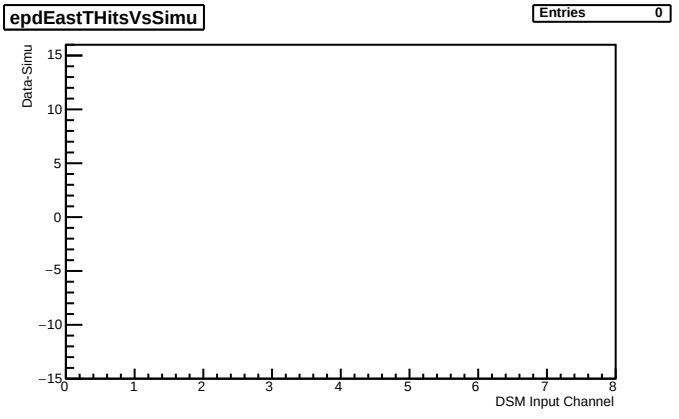
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5.904162e+07
Truncated NHits
DSMInput Channel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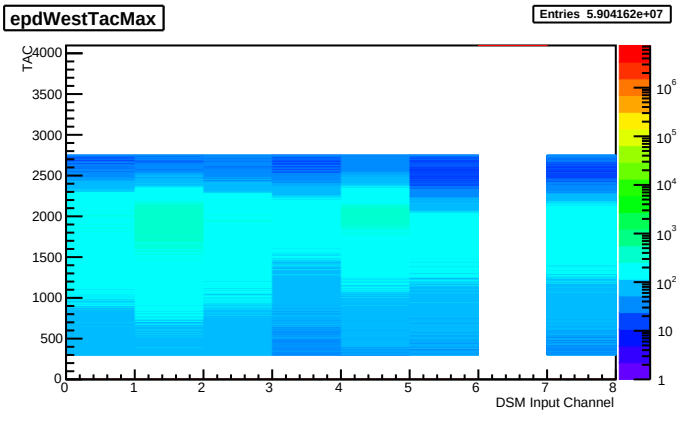
Data-Simu
DSM Input Channel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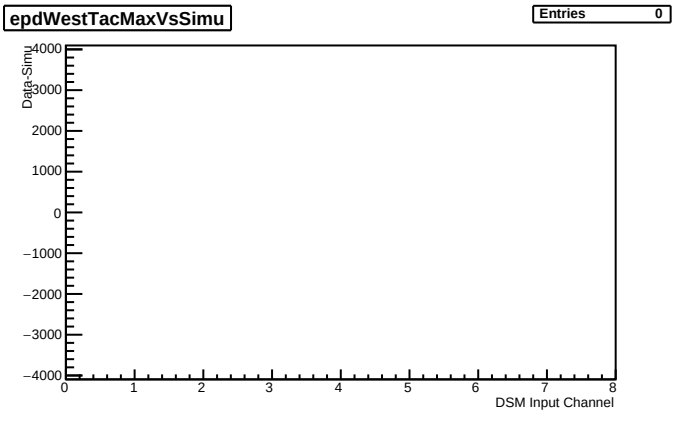
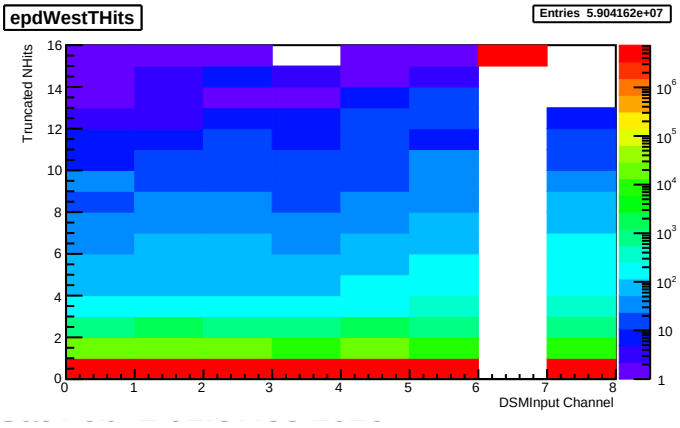
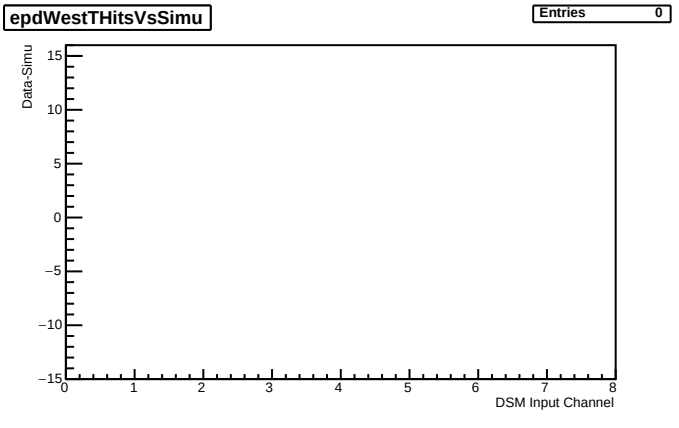
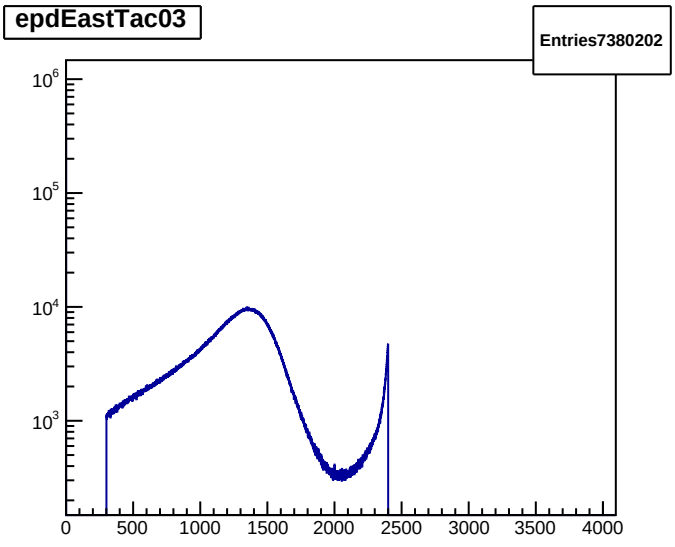
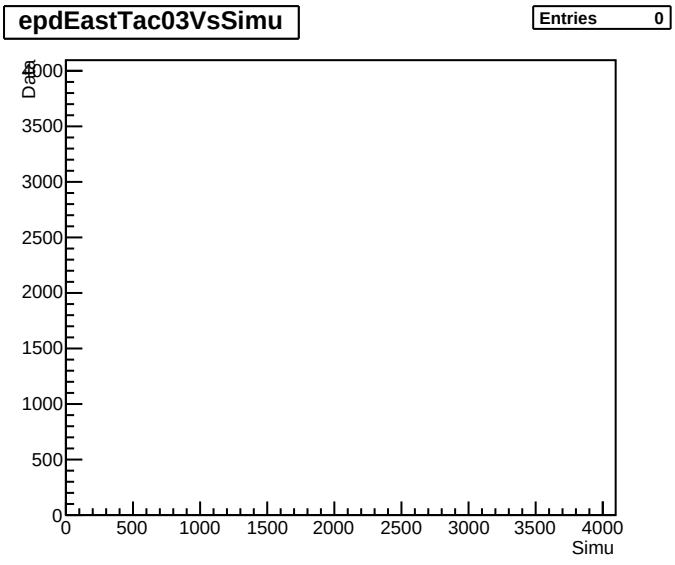
TAC
DSM Input Channel


epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5.904162e+07
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries7380202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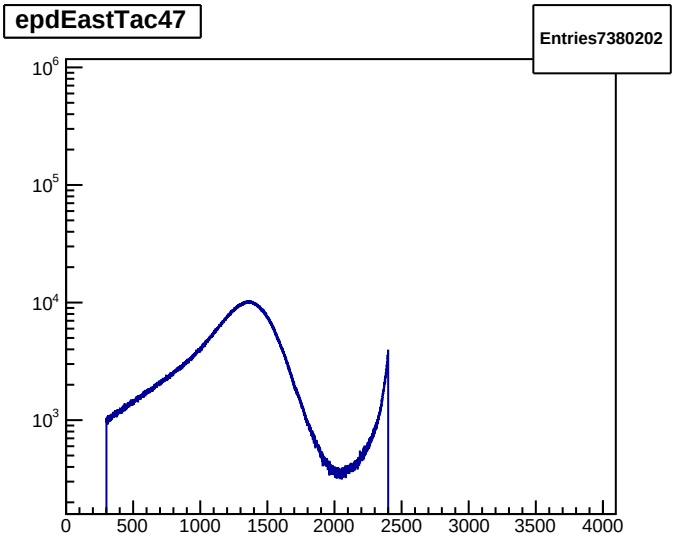
Entries 0
Data
Simu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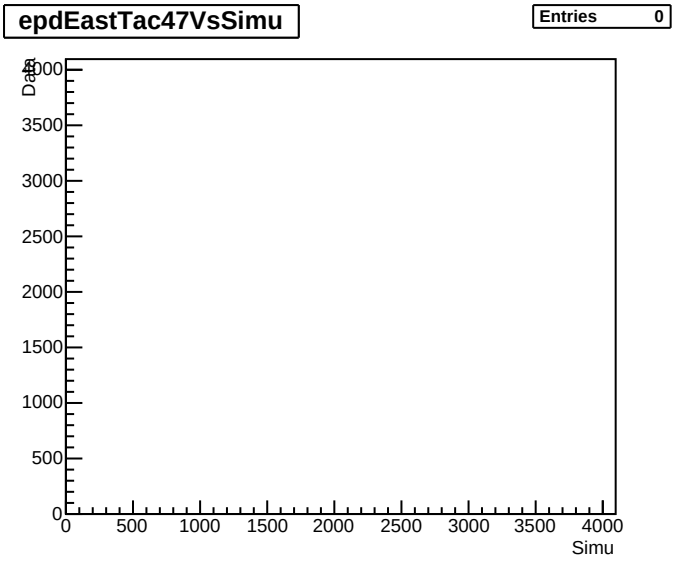
Entries7380202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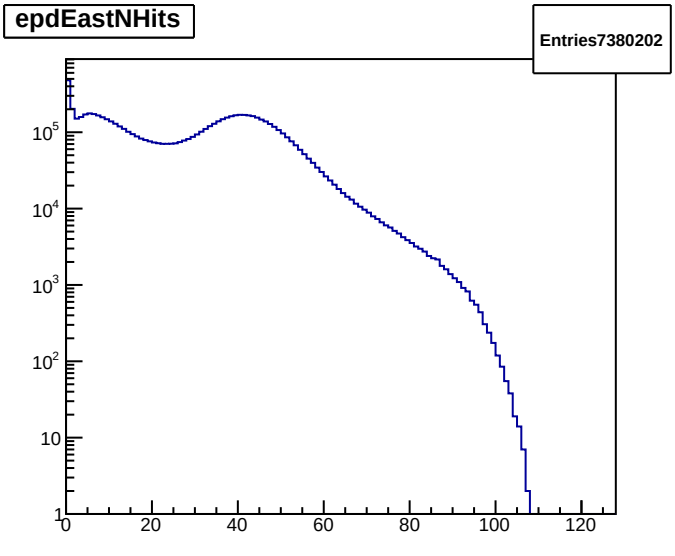
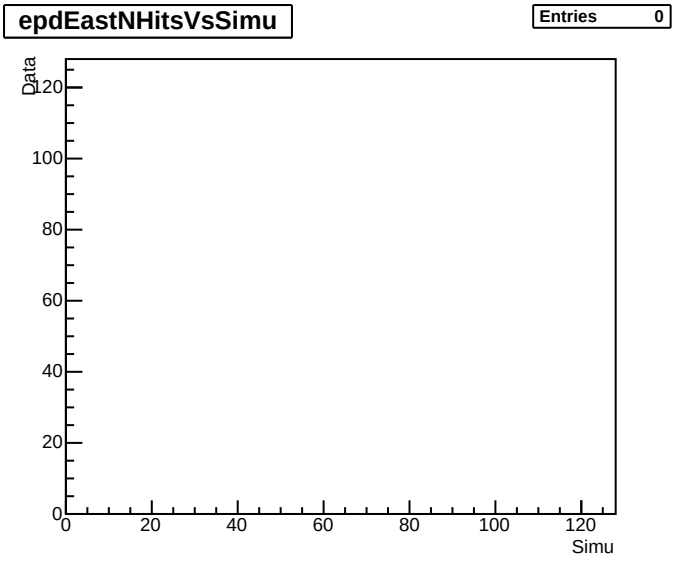
Entries 0
Data
Simu


epdEastNHits
Entries7380202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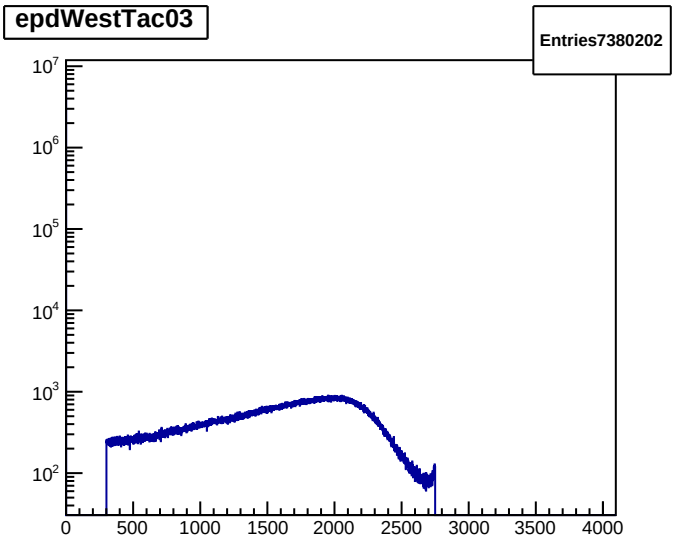
Entries 0
Data
Simu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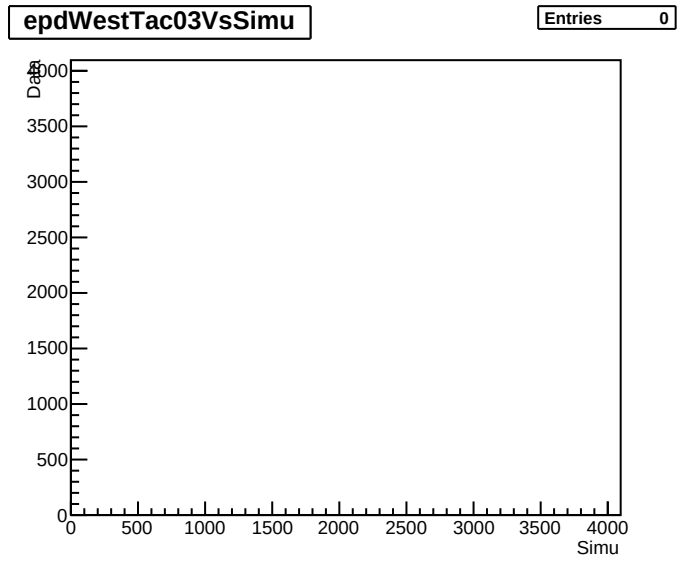
Entries7380202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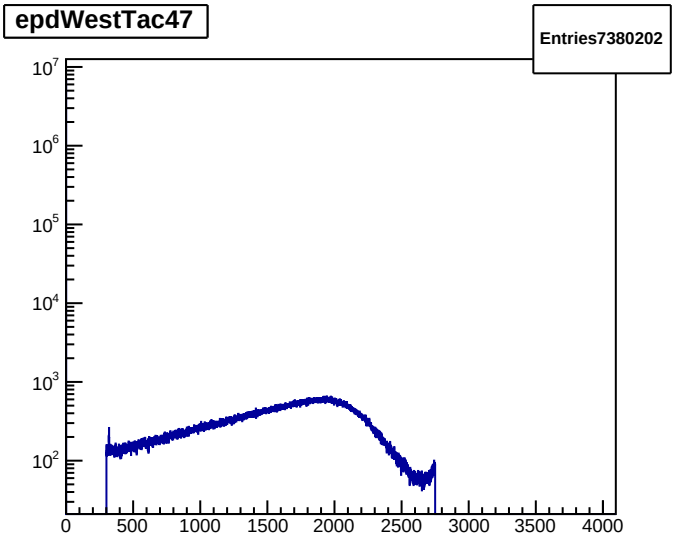
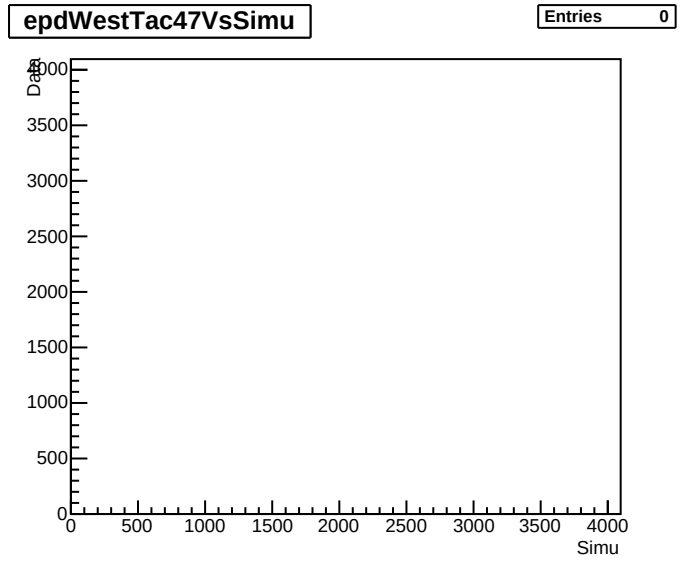
Entries 0
Data
Simu


epdWestTac47
Entries7380202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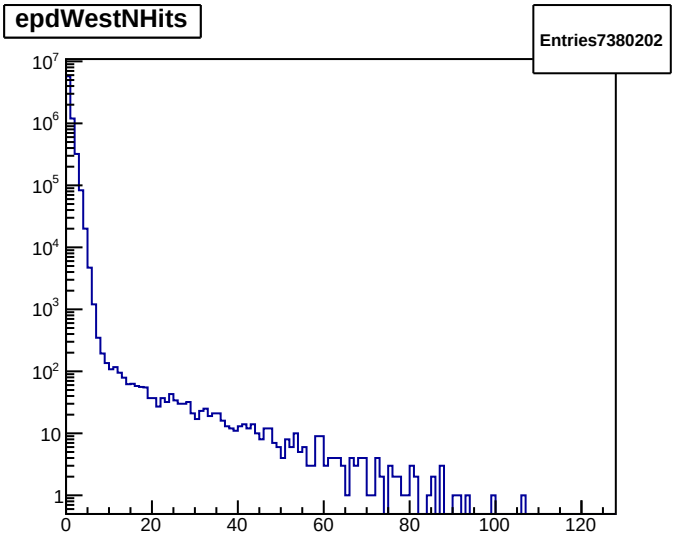
Entries 0
Data
Simu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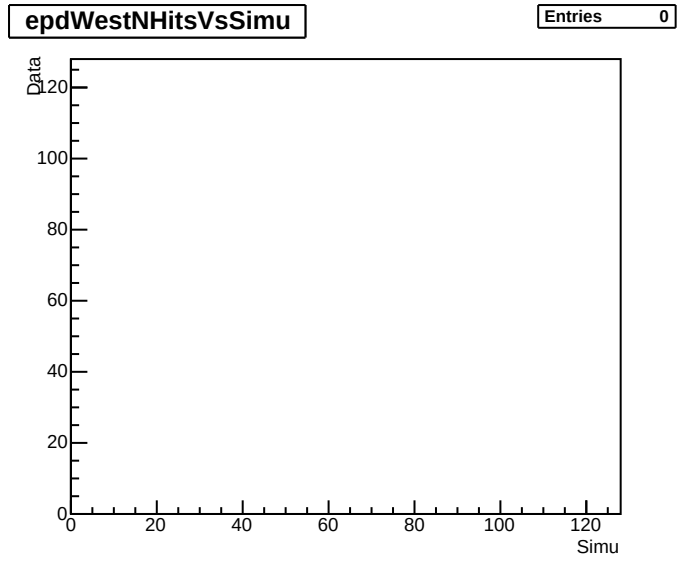
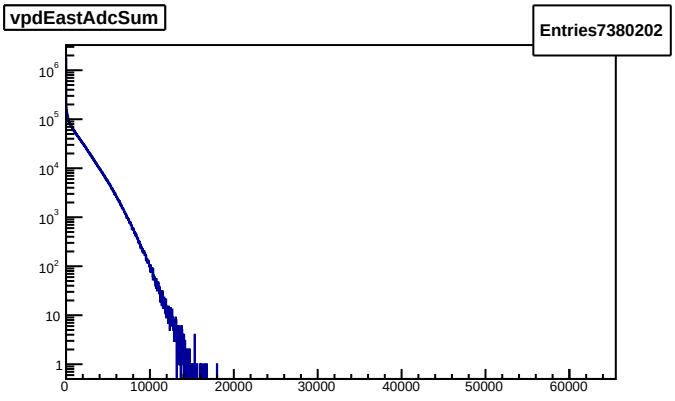
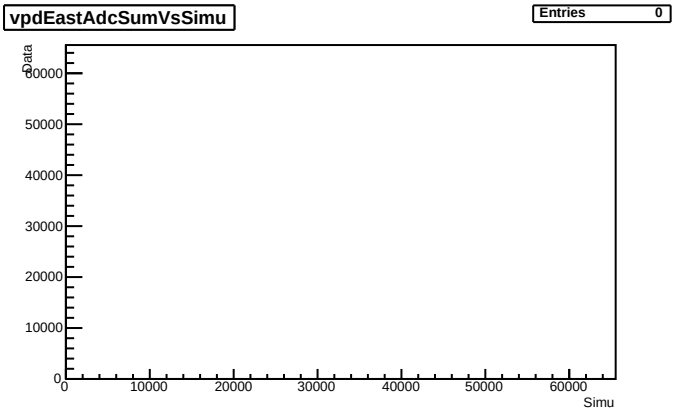
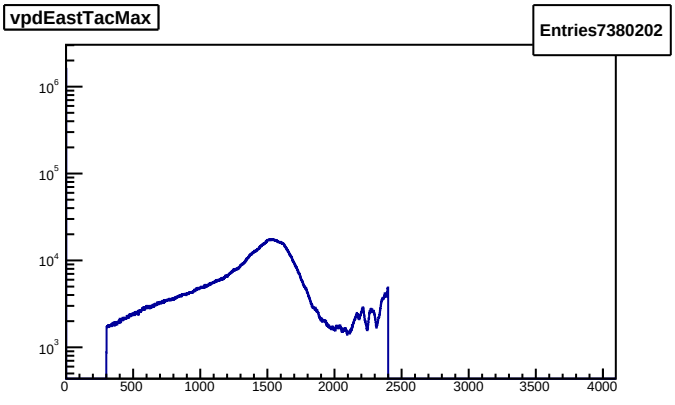
Entries7380202


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries7380202


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
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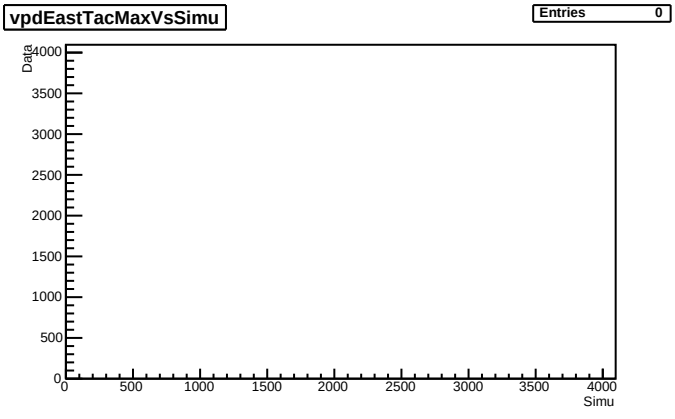
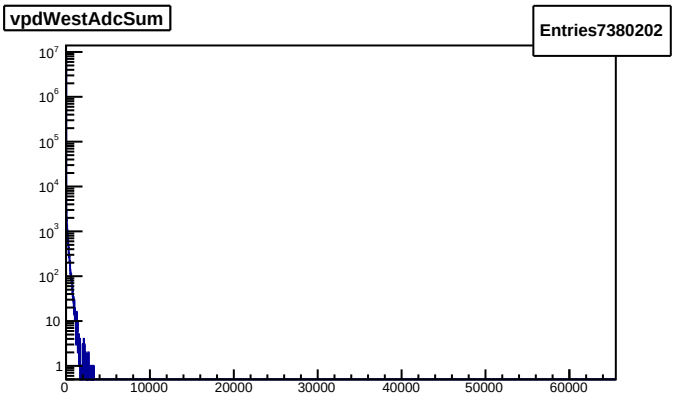

vpdEastTacMaxVsSimu
Entries 0
Data
Simu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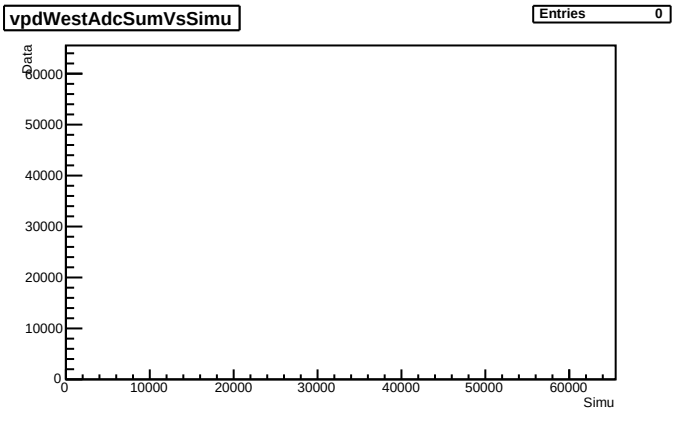
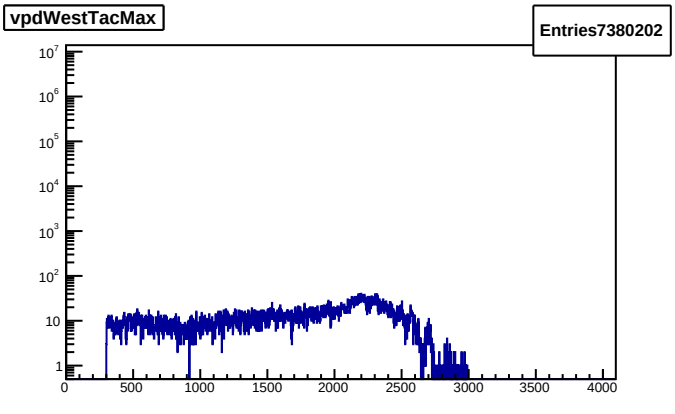

vpdWestAdcSumVsSimu
Entries 0
Data
Simu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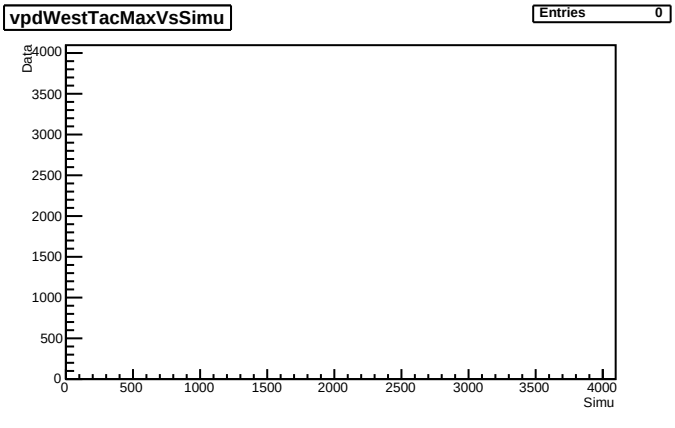
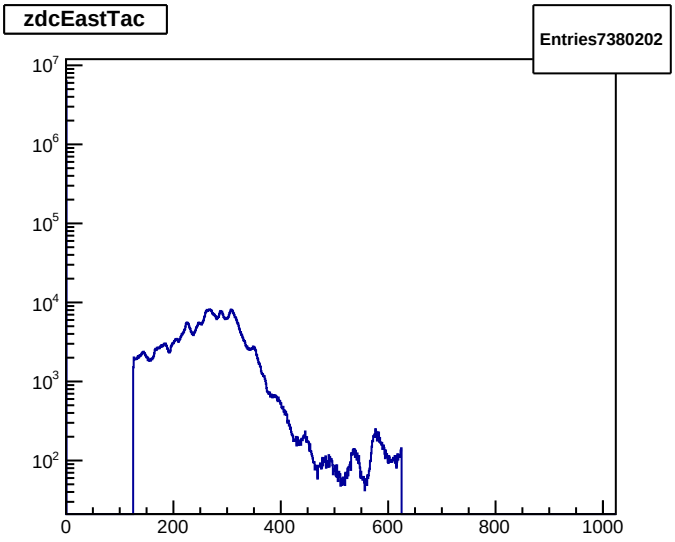
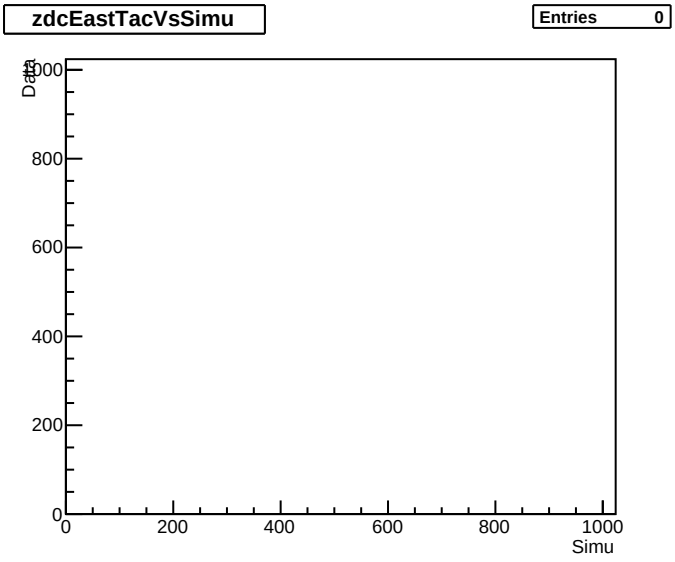
Entries7380202


vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries7380202
10^7
10^6
10^5
10^4
10^3
10^2
0
200
400
600
800
1000


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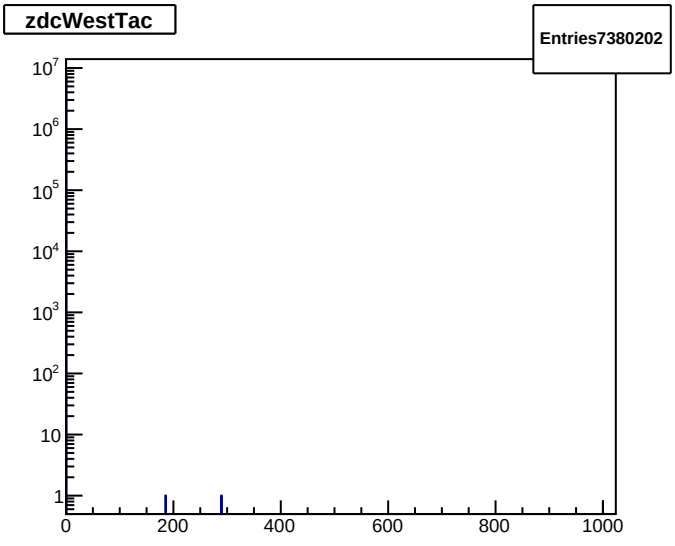
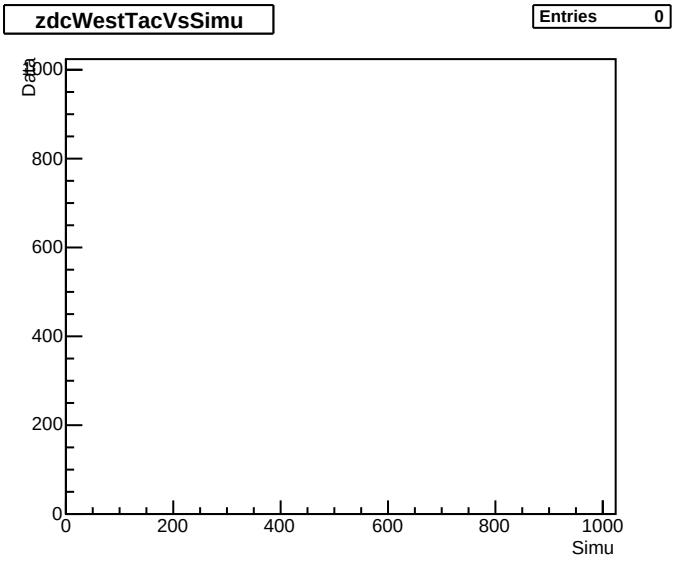
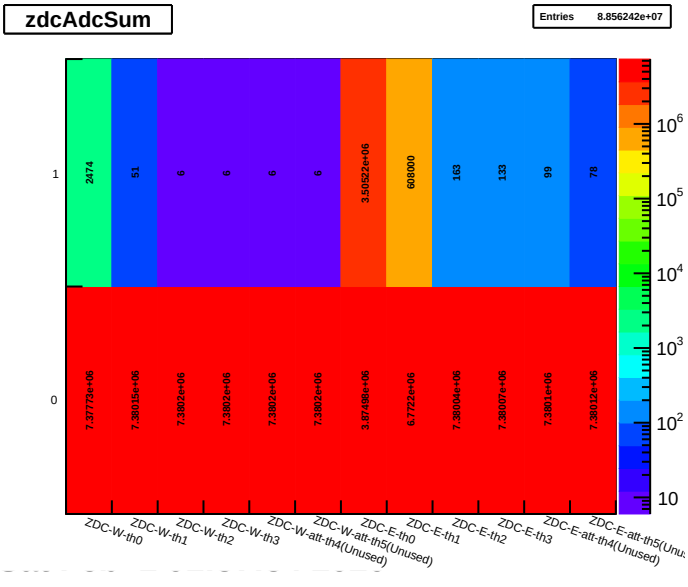
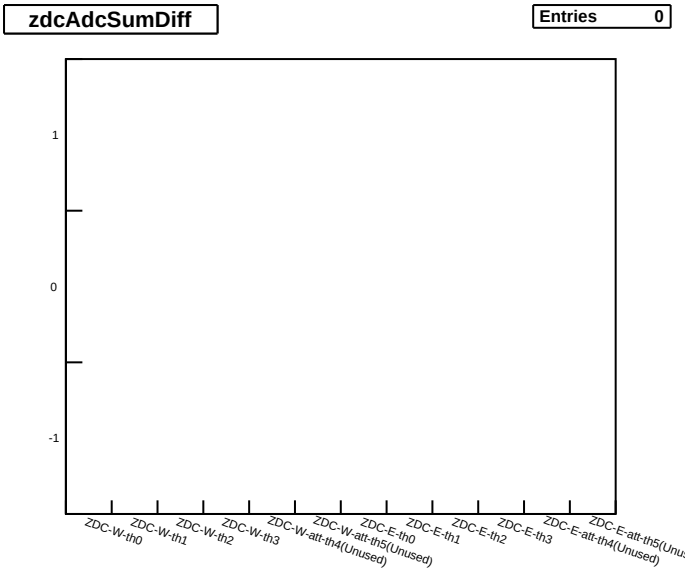
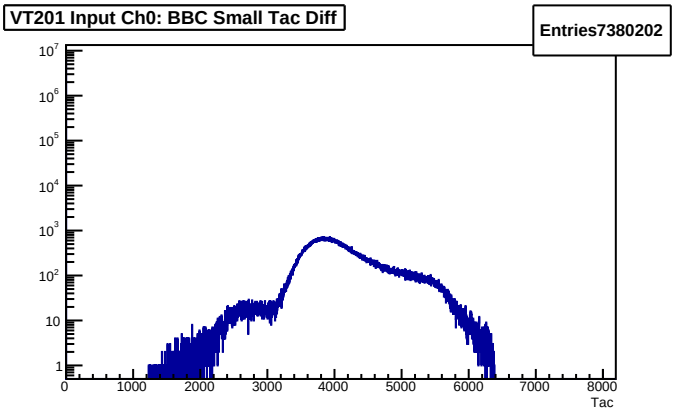
800
600
400
200
0
0
200
400
600
800
1000
Simu

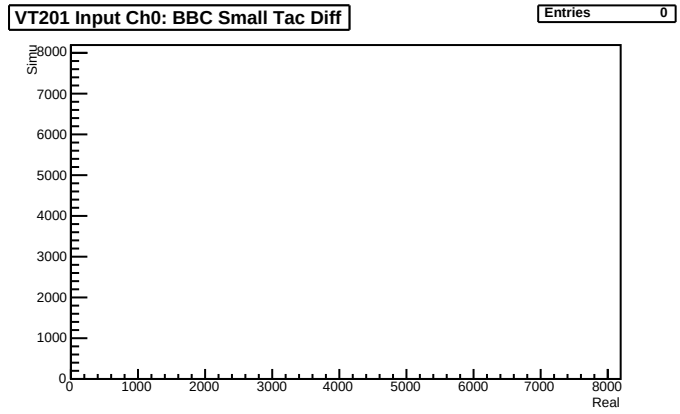

zdcWestTac
Entries7380202
10^7
10^6
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

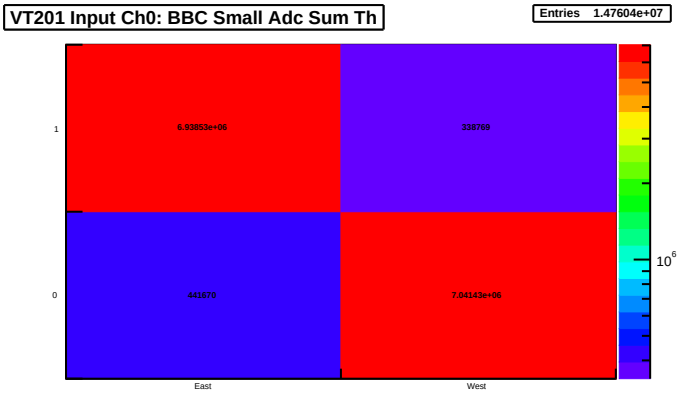

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

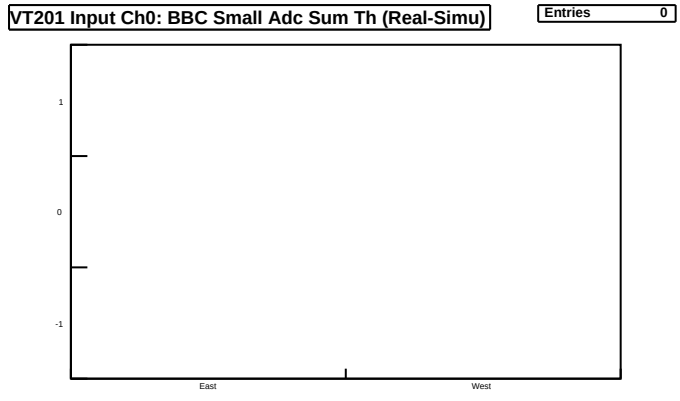

zdcAdcSum
Entries 8.856242e+07
1
0
2474
51
6
6
6
6
3.50522e+06
608000
163
133
99
78
7.37773e+06
7.38015e+06
7.3802e+06
7.3802e+06
7.3802e+06
7.3802e+06
3.87498e+06
6.7722e+06
7.38004e+06
7.38007e+06
7.3801e+06
7.38012e+06
10^6
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

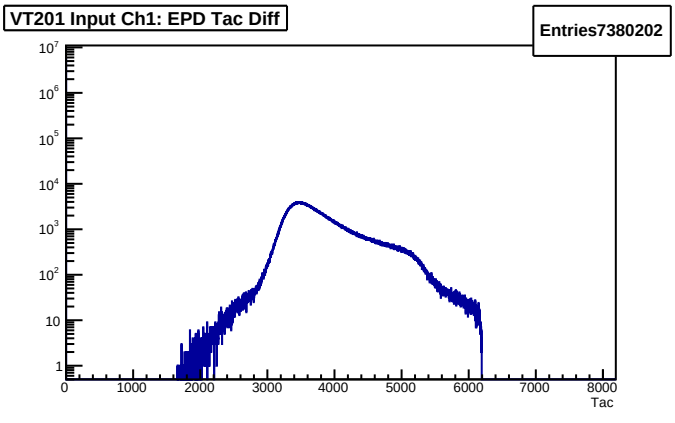

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

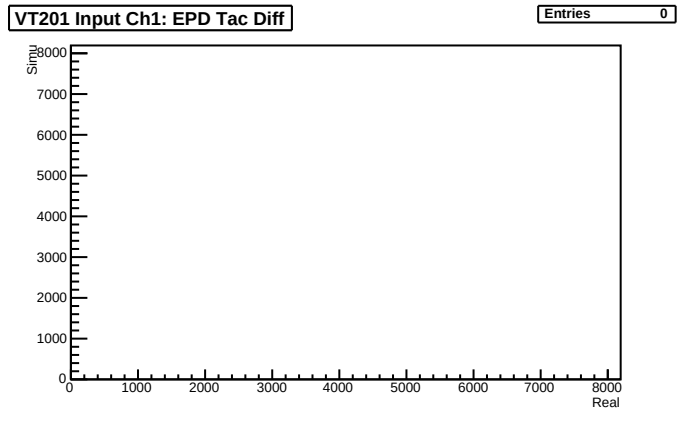

VT201 Input Ch0: BBC Small Tac Diff
Entries7380202
Tac

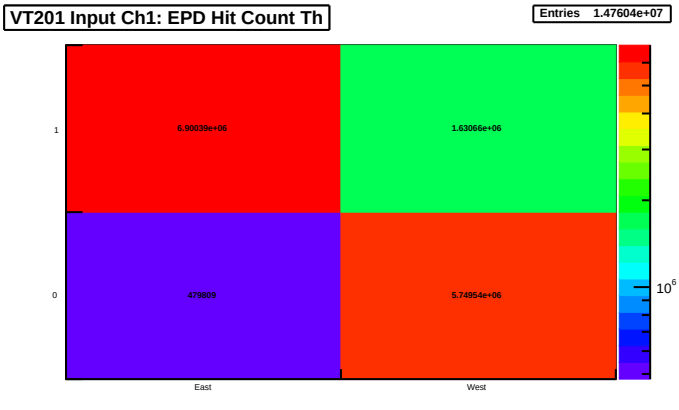

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

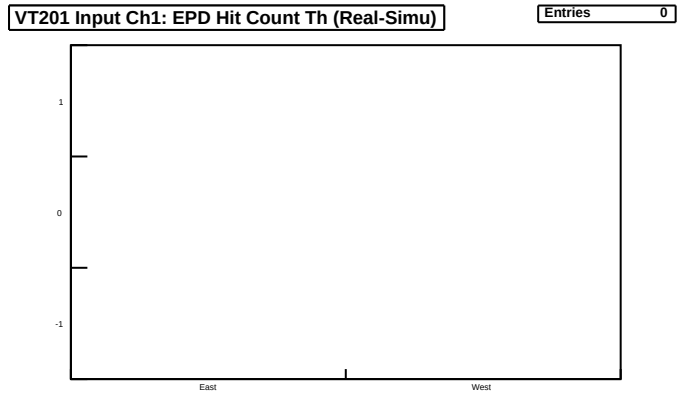

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1.47604e+07
6.93853e+06
338769
441670
7.04143e+06
East
West

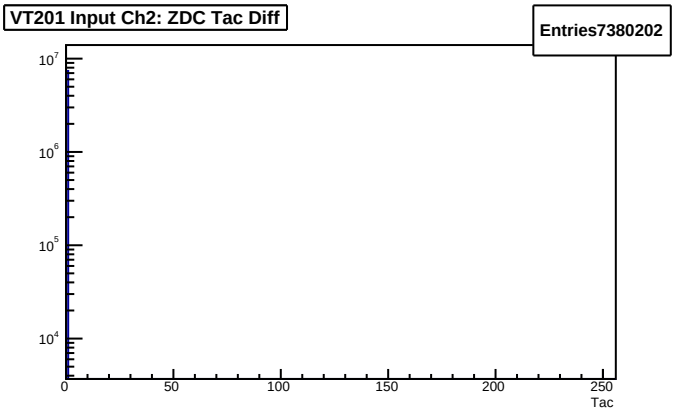

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

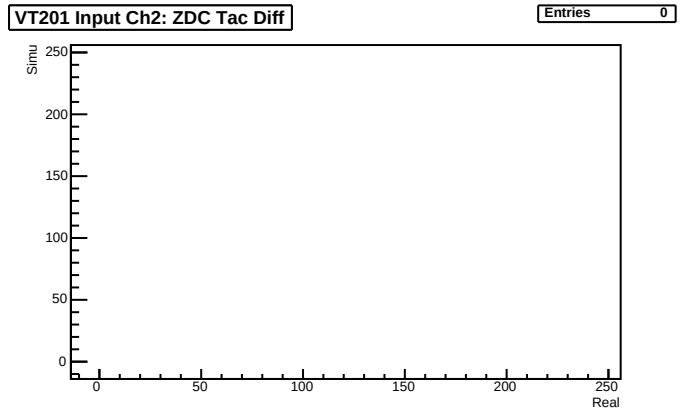

VT201 Input Ch1: EPD Tac Diff
Entries7380202
Tac

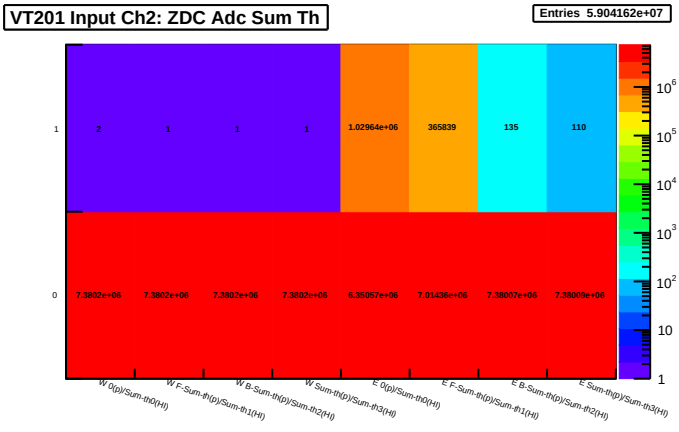

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

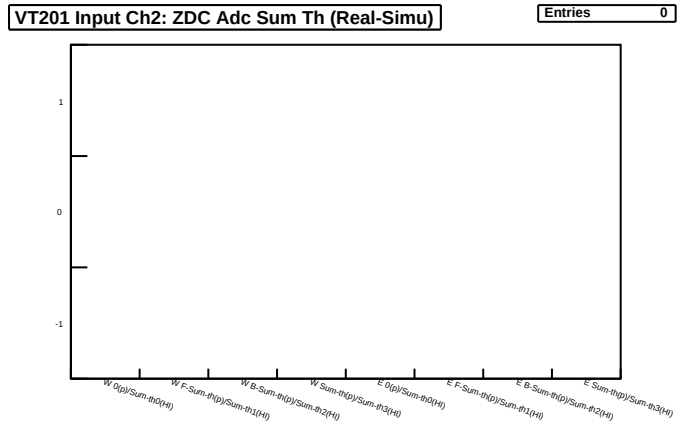

VT201 Input Ch1: EPD Hit Count Th
Entries 1.47604e+07
6.90039e+06
1.63066e+06
479809
5.74954e+06
East
West

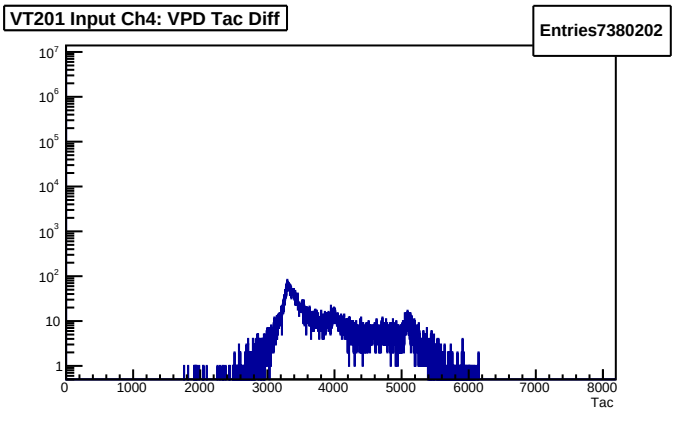

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

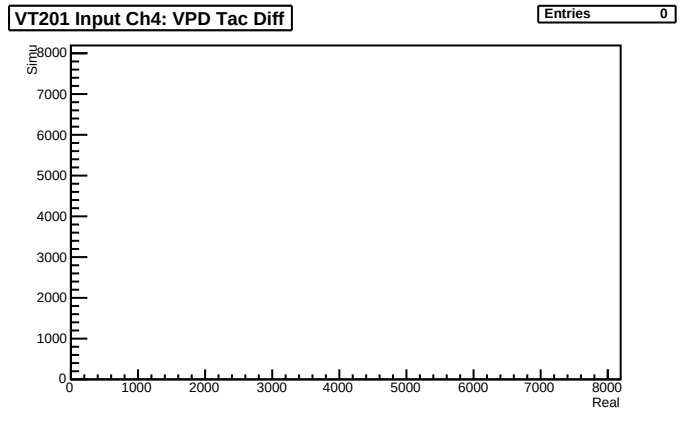

VT201 Input Ch2: ZDC Tac Diff
Entries7380202
Tac

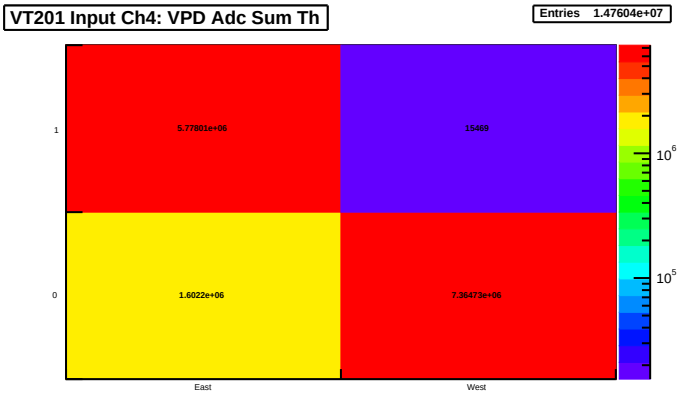

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

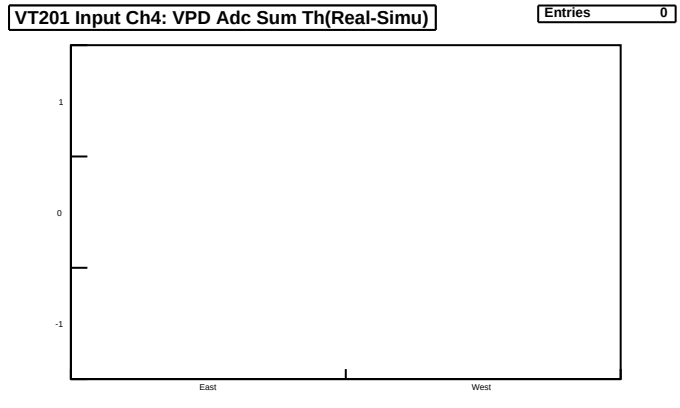

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5.904162e+07
2
1
1
1
1.02964e+06
365839
135
110
7.3802e+06
7.3802e+06
7.3802e+06
7.3802e+06
6.35057e+06
7.01436e+06
7.38007e+06
7.38009e+06
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

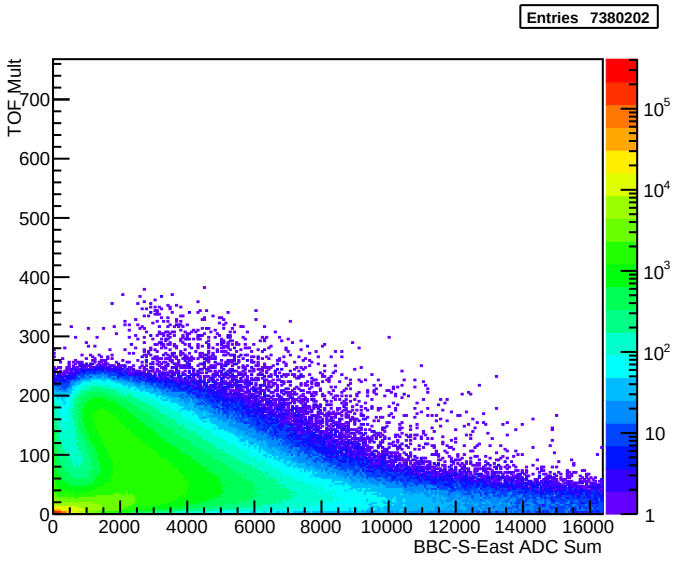

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

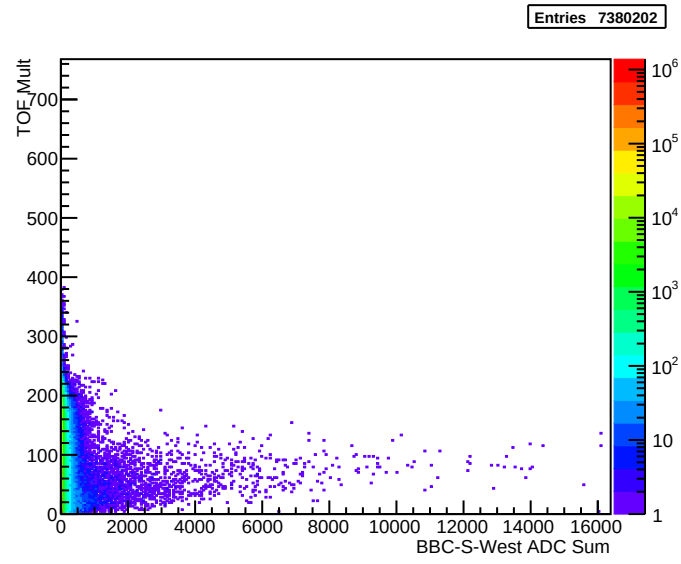

VT201 Input Ch4: VPD Tac Diff
Entries7380202
Tac

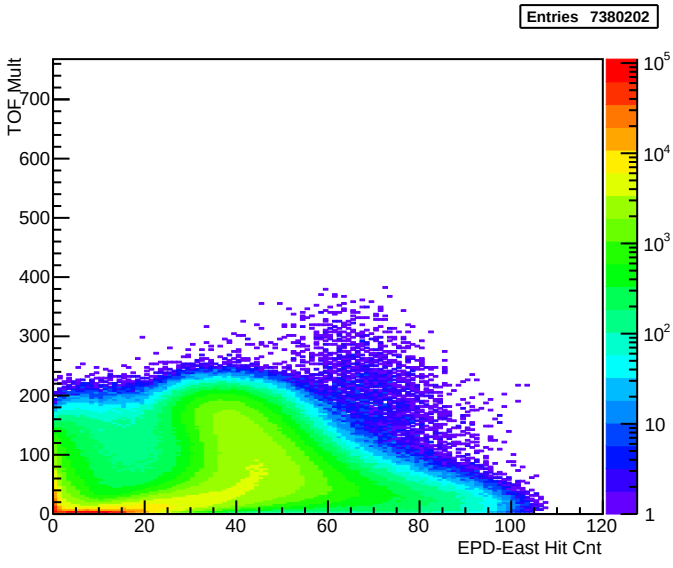

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

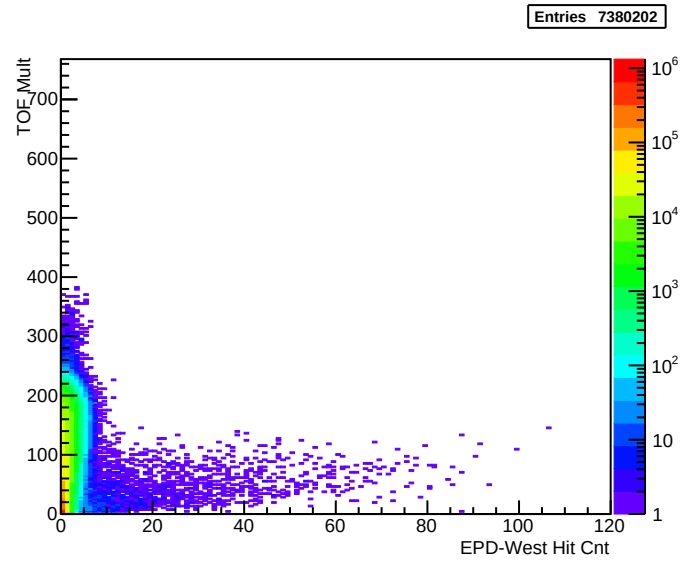

VT201 Input Ch4: VPD Adc Sum Th
Entries 1.47604e+07
5.77801e+06
15469
1.6022e+06
7.36473e+06
East
West

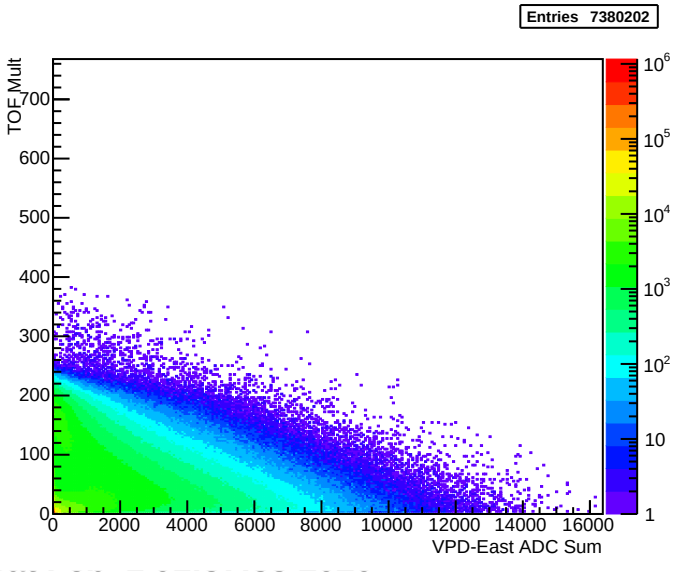

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

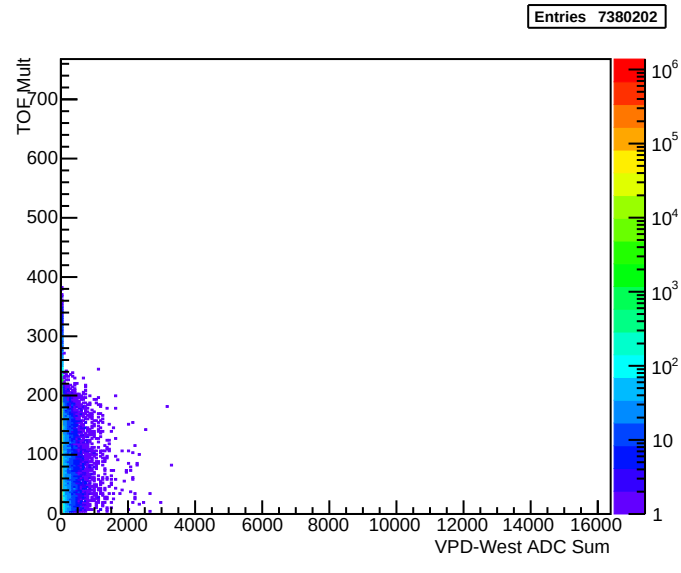

Entries 7380202
TOF_Mult
BBC-S-East ADC Sum

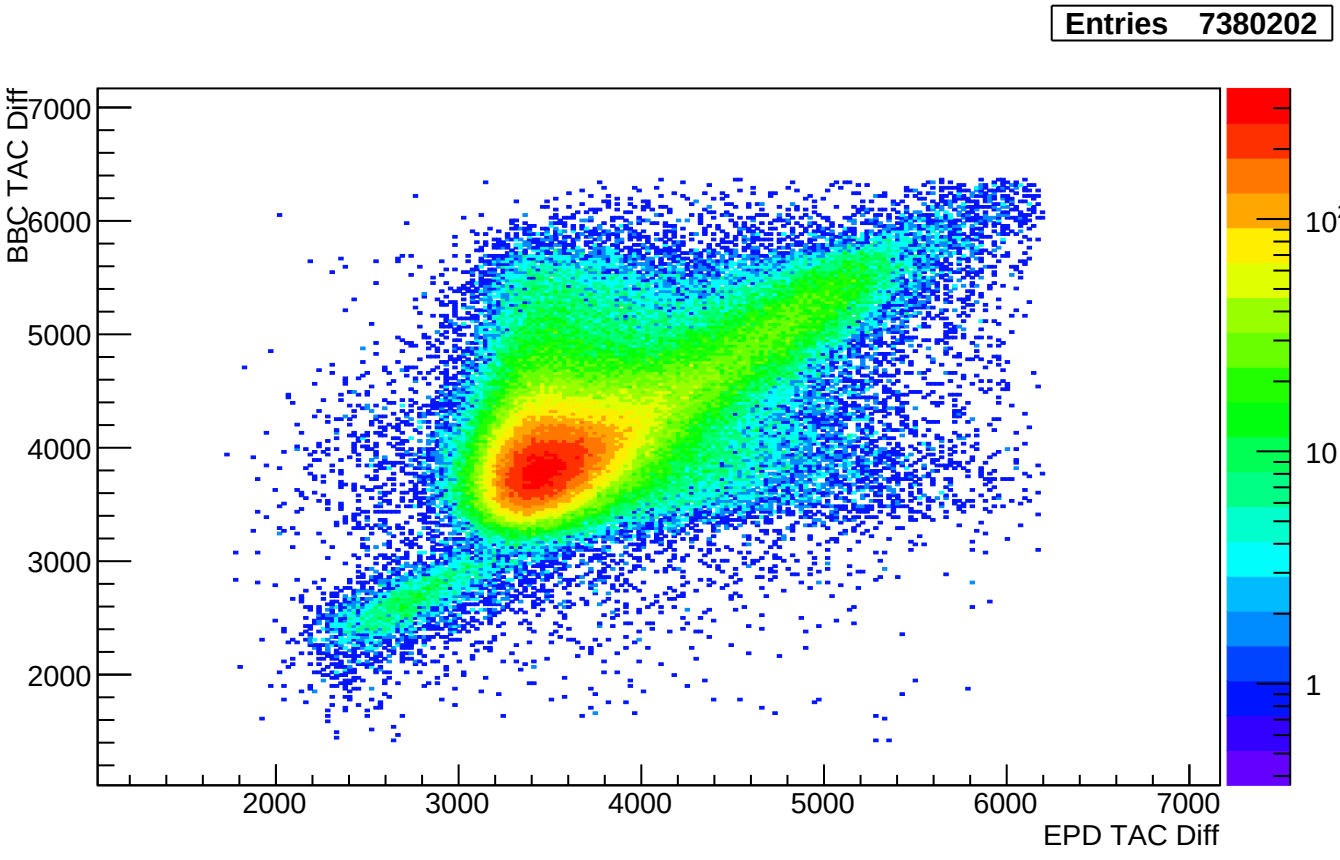

Entries 7380202
TOF_Mult
BBC-S-West ADC Sum

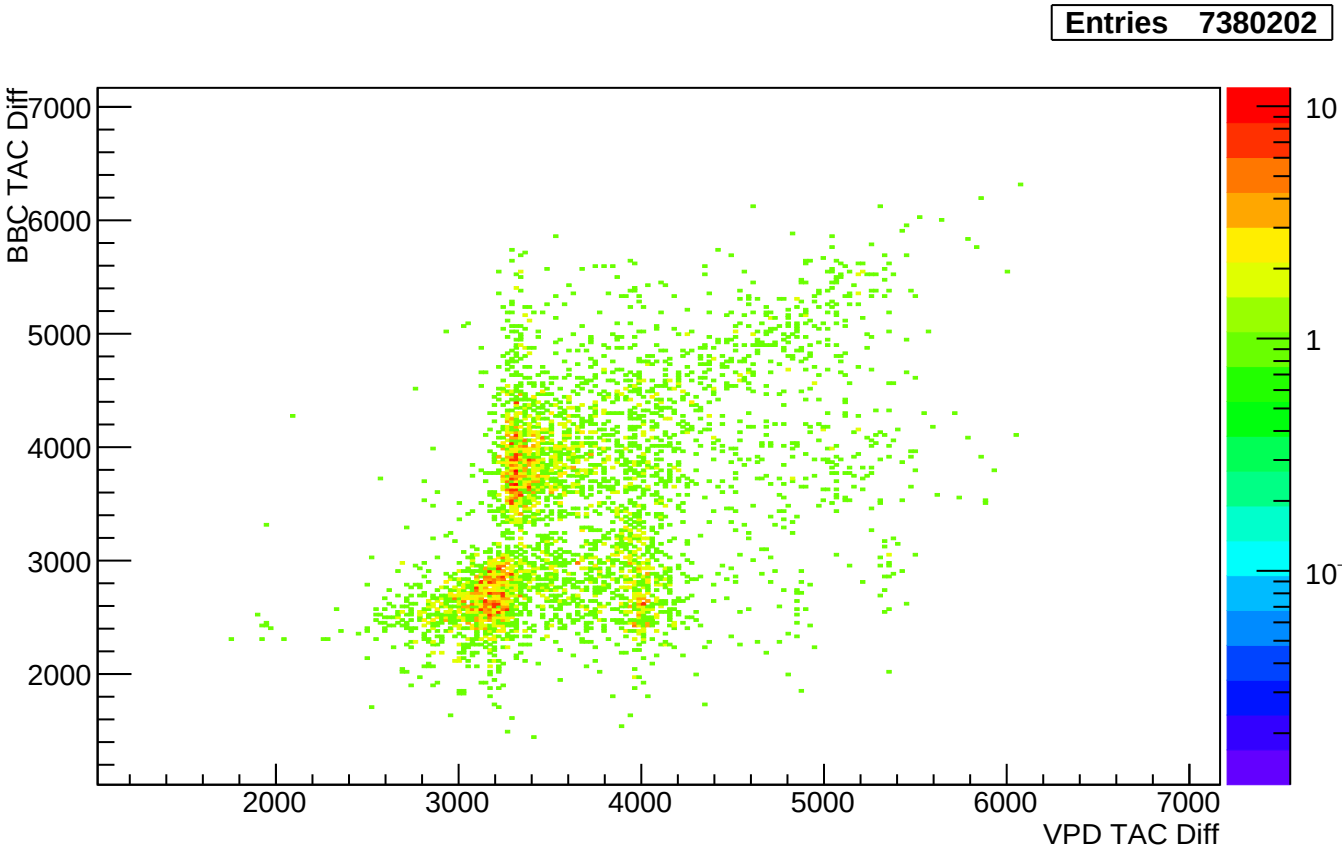

Entries 7380202
TOF_Mult
EPD-East Hit Cnt

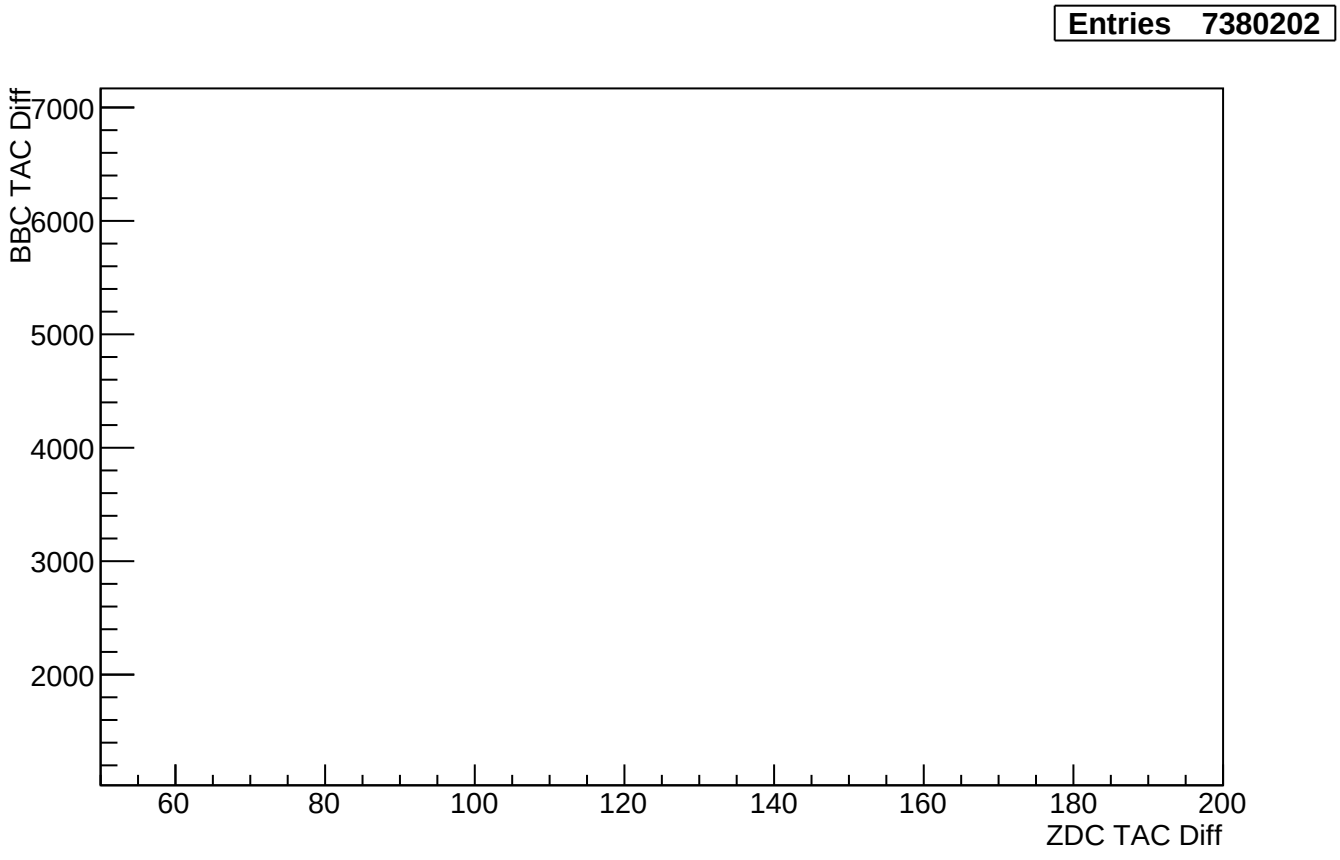

Entries 7380202
TOF_Mult
EPD-West Hit Cnt

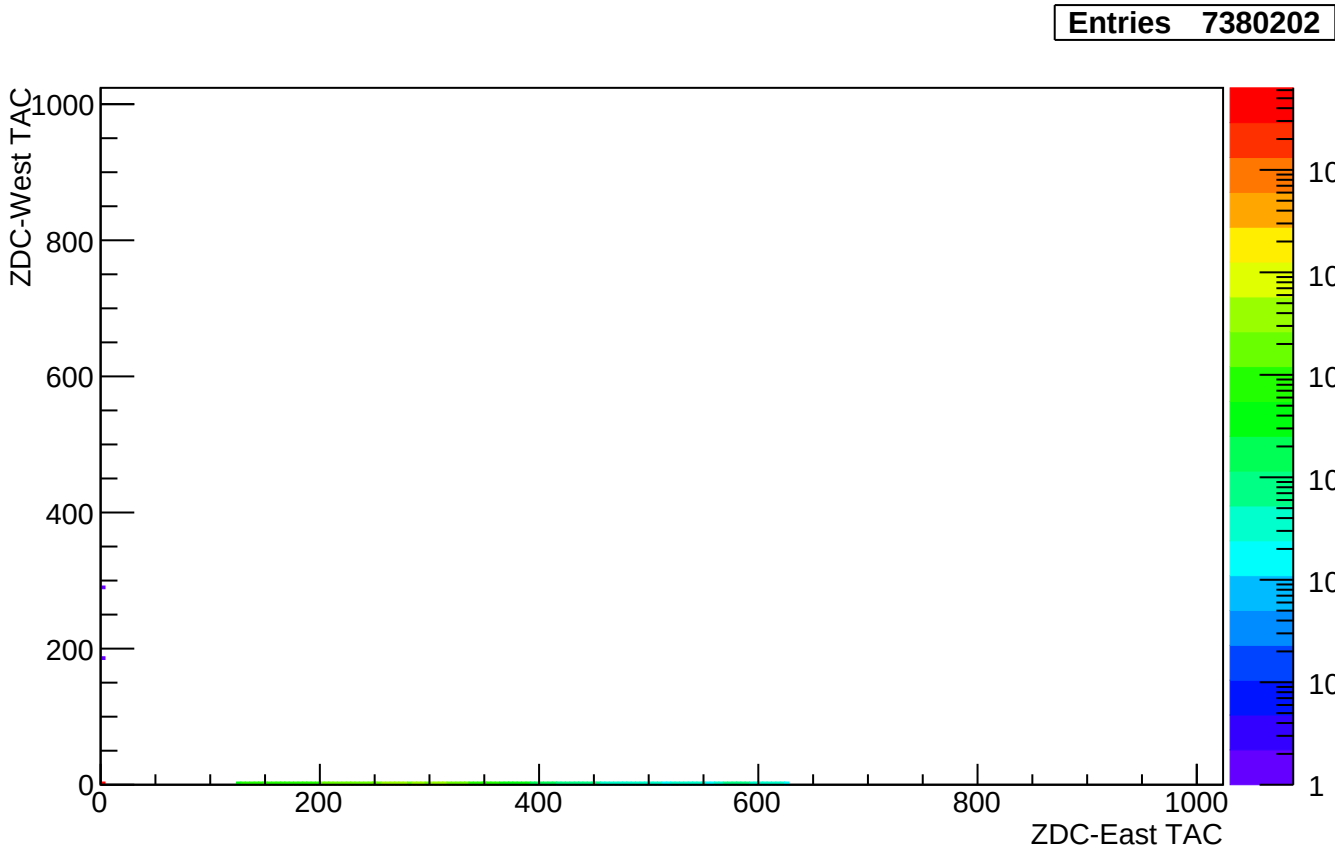

Entries 7380202
TOF_Mult
VPD-East ADC Sum

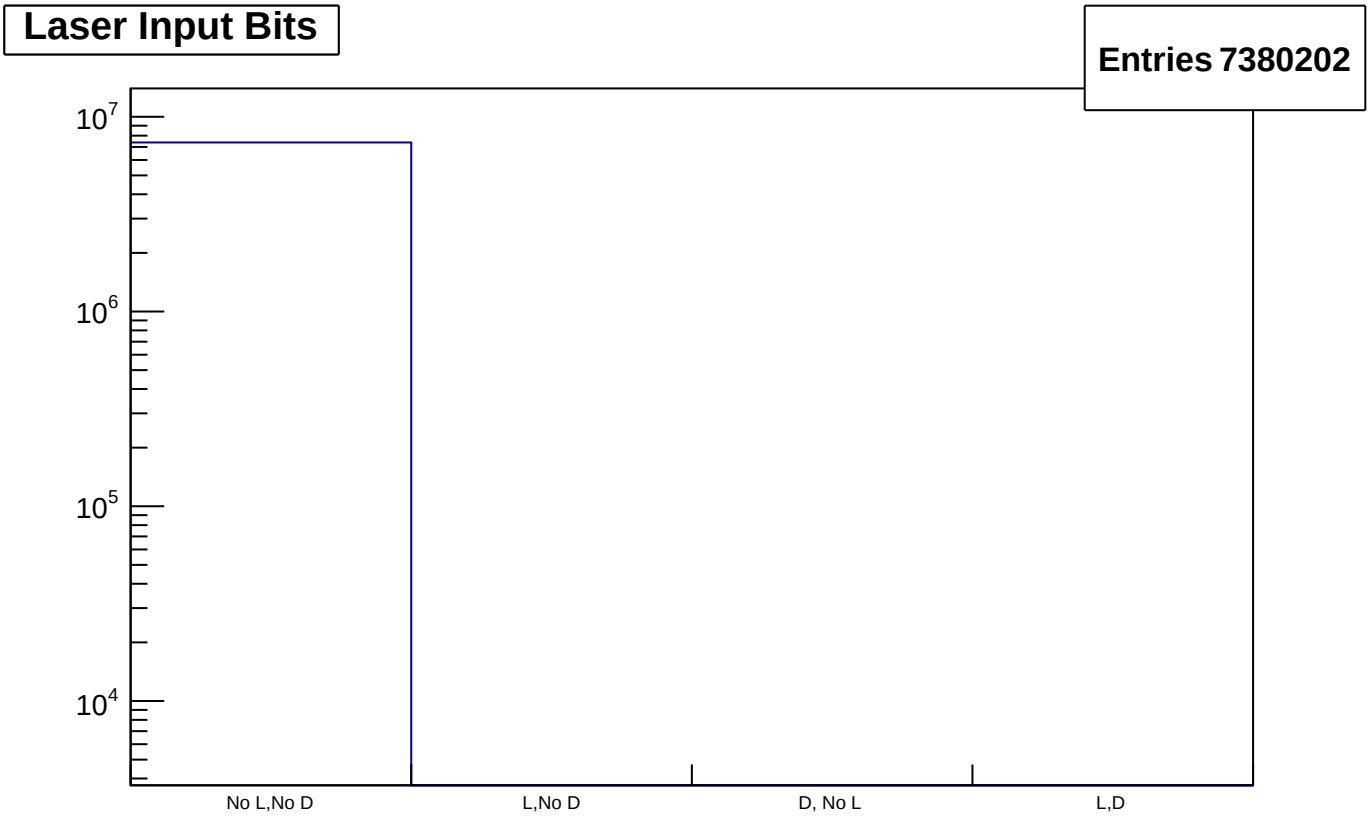

Entries 7380202
TOF_Mult
VPD-West ADC Sum

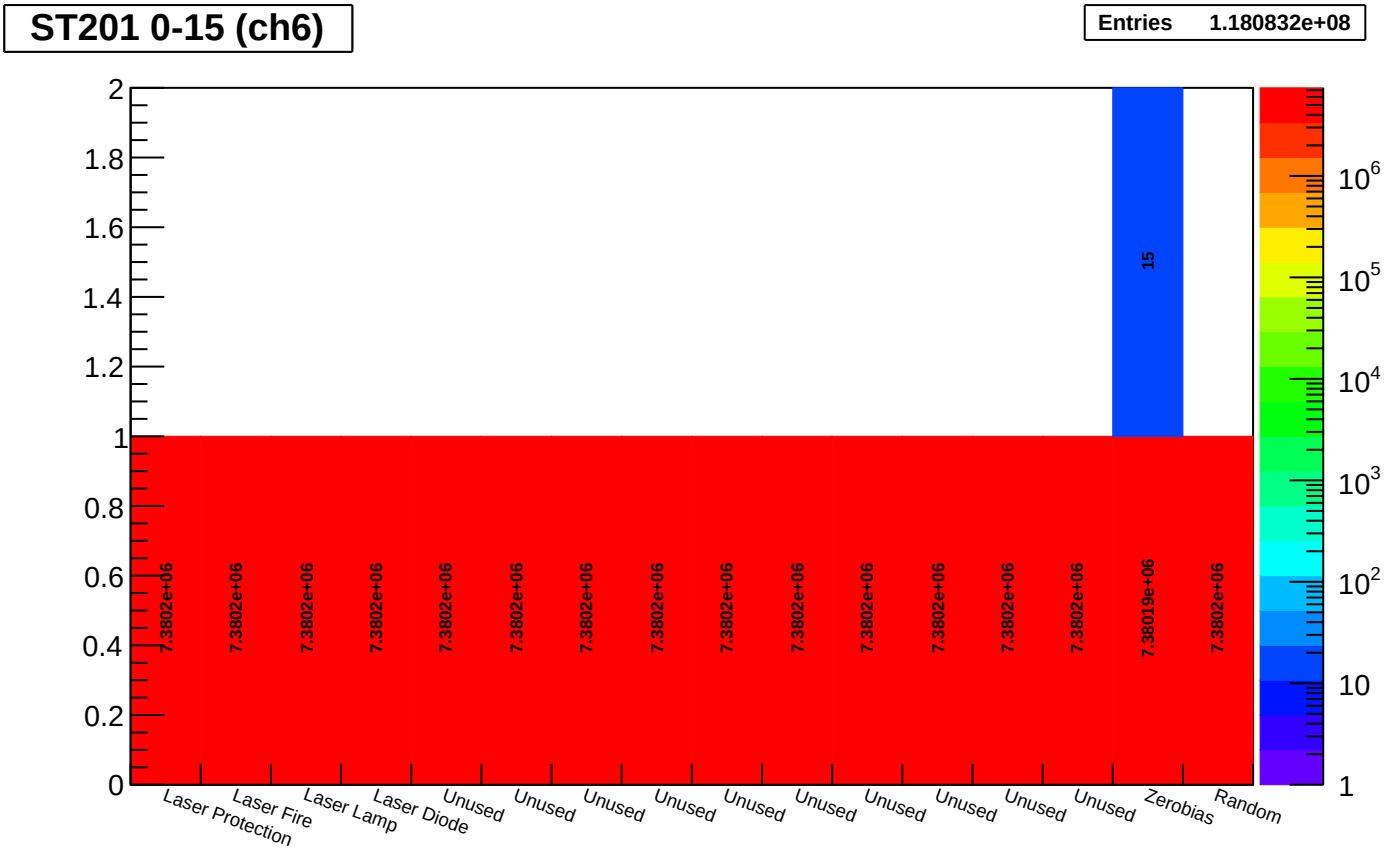

Entries 7380202
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

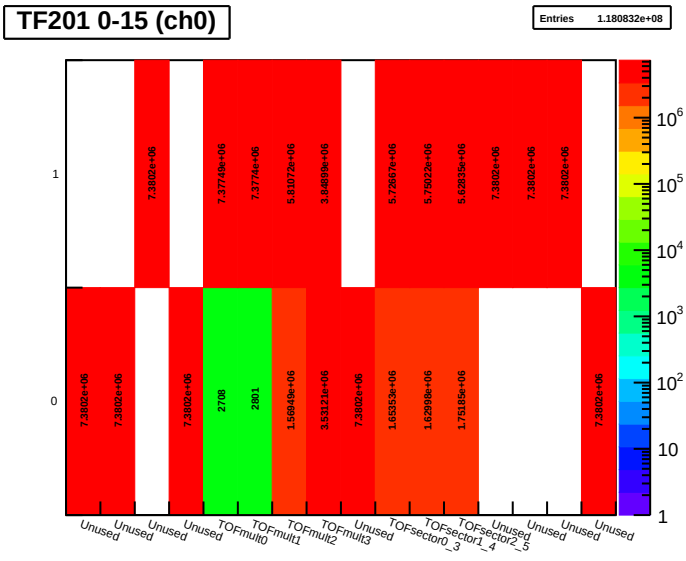

Entries 7380202
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}

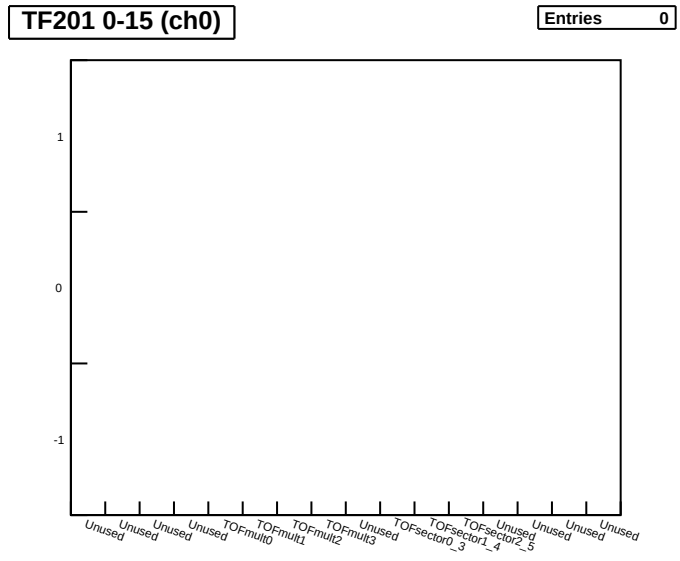

Entries 7380202
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff

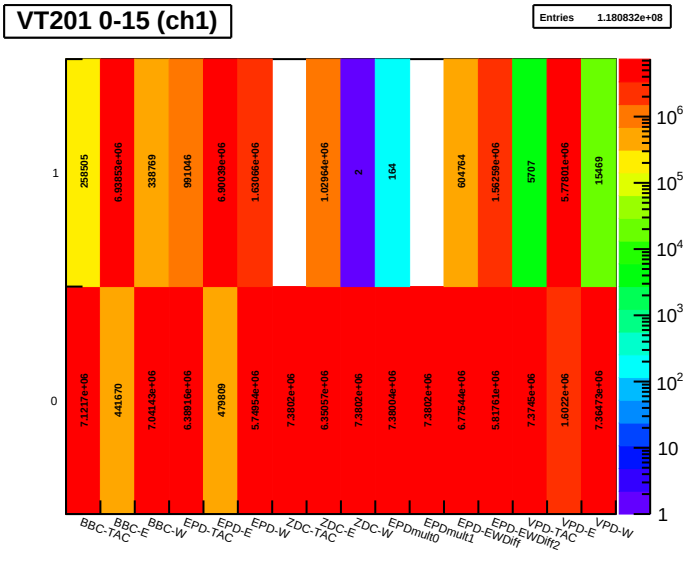

Entries 7380202
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^6
10^5
10^4
10^3
10^2
10
1

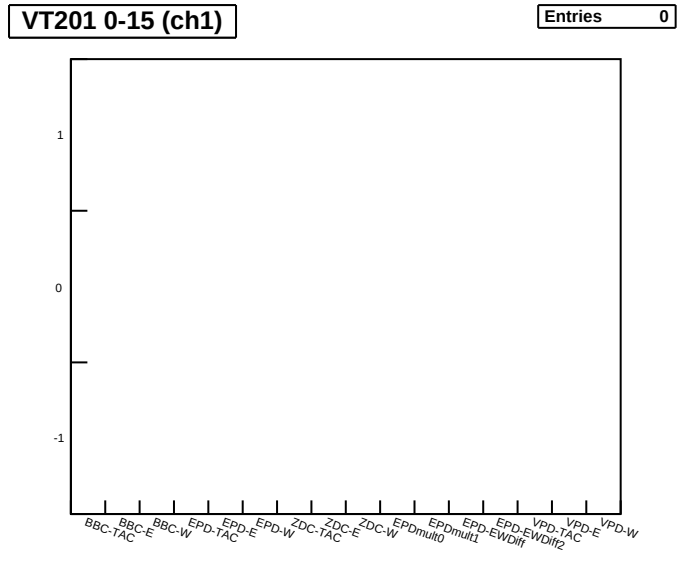

Laser Input Bits
Entries 7380202
10^7
10^6
10^5
10^4
No L,No D
L,No D
D, No L
L,D

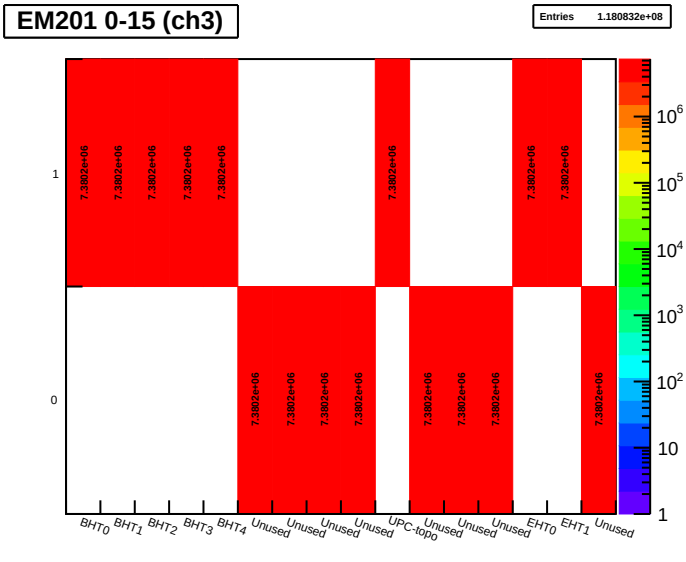

ST201 0-15 (ch6)
Entries 1.180832e+08
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
15
7.3802e+06
7.38019e+06
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^6
10^5
10^4
10^3
10^2
10
1

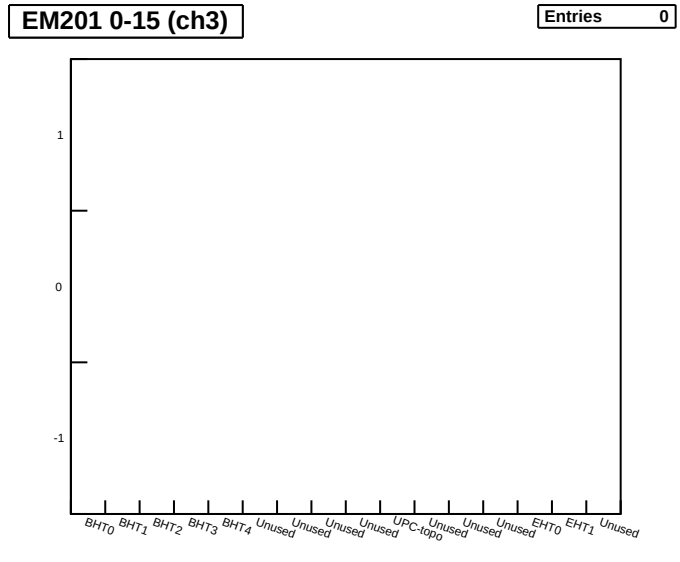

TF201 0-15 (ch0)
Entries 1.180832e+08
7.3802e+06
7.37749e+06
7.3774e+06
5.81072e+06
3.84899e+06
5.72667e+06
5.79022e+06
5.62335e+06
7.3802e+06
7.3802e+06
7.3802e+06
7.3802e+06
7.3802e+06
2708
2801
1.56949e+06
3.53121e+06
7.3802e+06
1.65353e+06
1.62898e+06
1.75185e+06
7.3802e+06
Unused
TOFmult0
TOFmult1
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 1.180832e+08
258505
6.93853e+06
338769
991046
6.90039e+06
1.63066e+06
1.02964e+06
2
164
604764
1.56259e+06
5707
5.77801e+06
15469
7.1217e+06
441670
7.04143e+06
6.38916e+06
479809
5.74954e+06
7.3802e+06
6.35057e+06
7.3802e+06
7.38004e+06
7.3802e+06
6.77544e+06
5.81761e+06
7.3745e+06
1.6022e+06
7.36473e+06
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 1.180832e+08
7.3802e+06
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