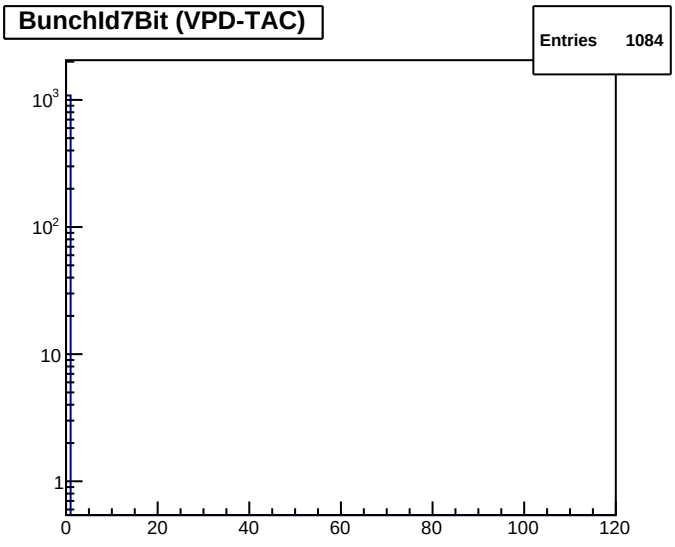
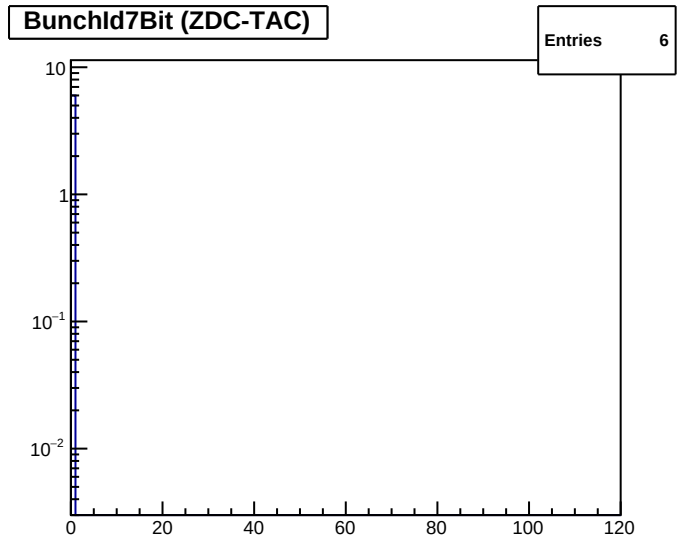
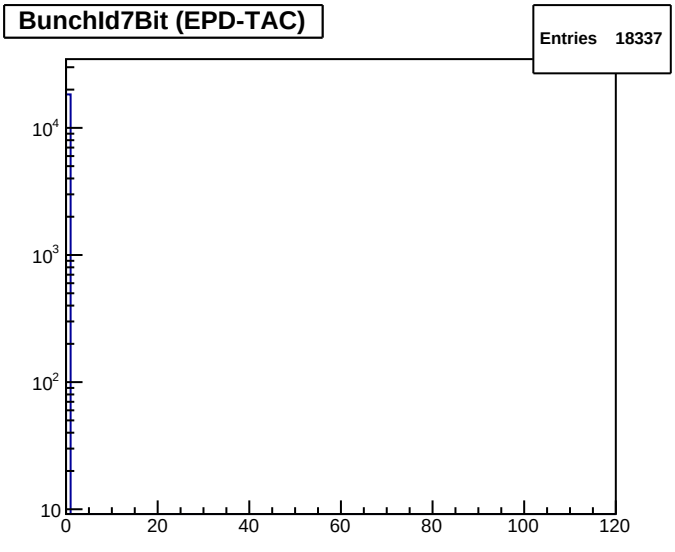
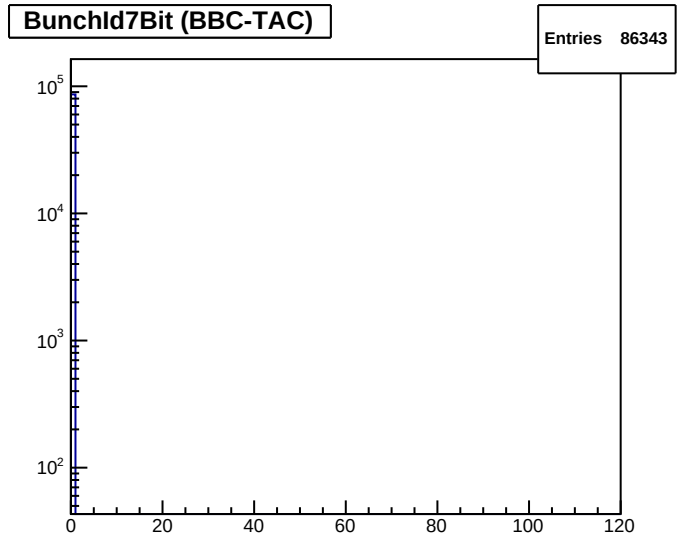
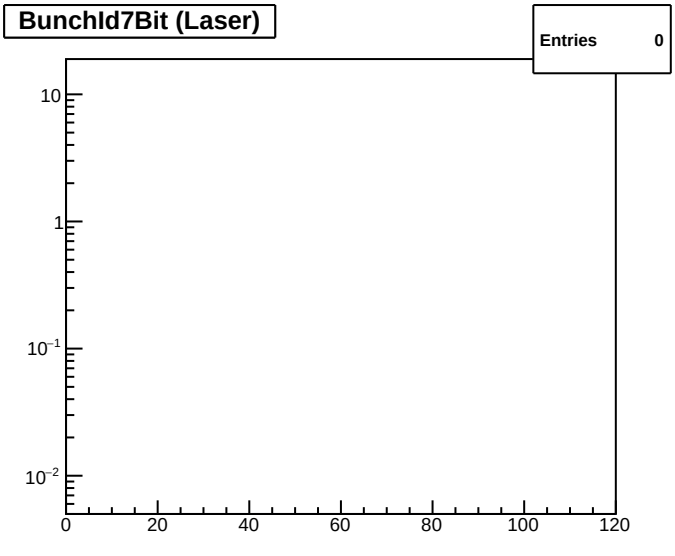
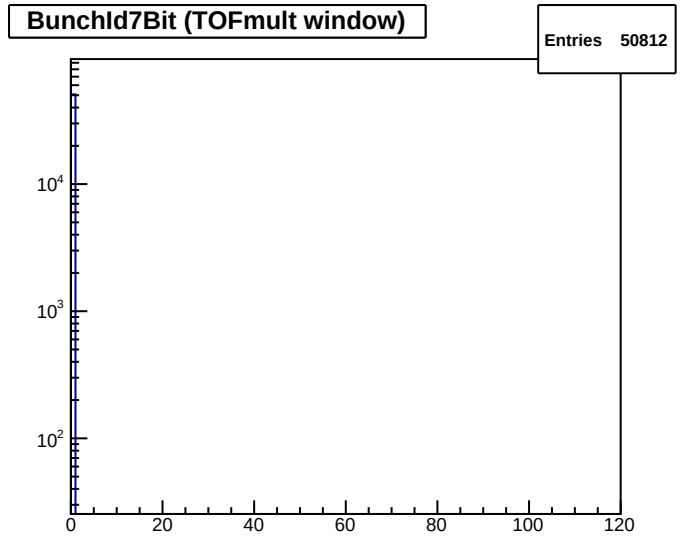

BunchId7Bit (VPD-TAC)
Entries 1084

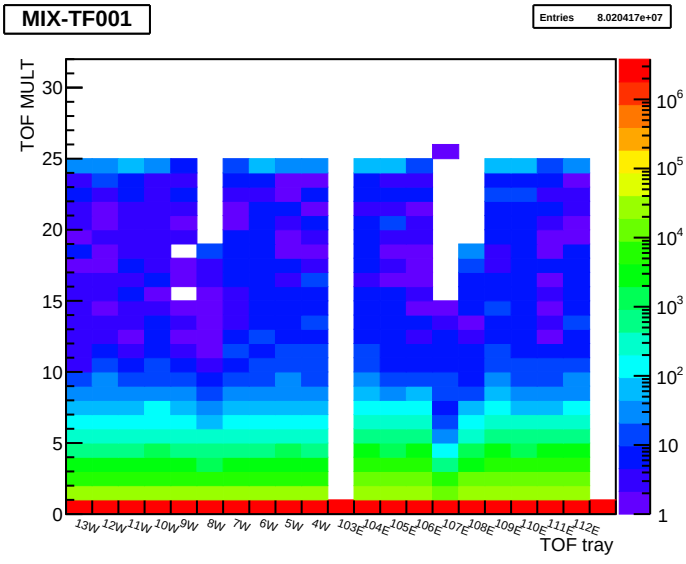

BunchId7Bit (ZDC-TAC)
Entries 6

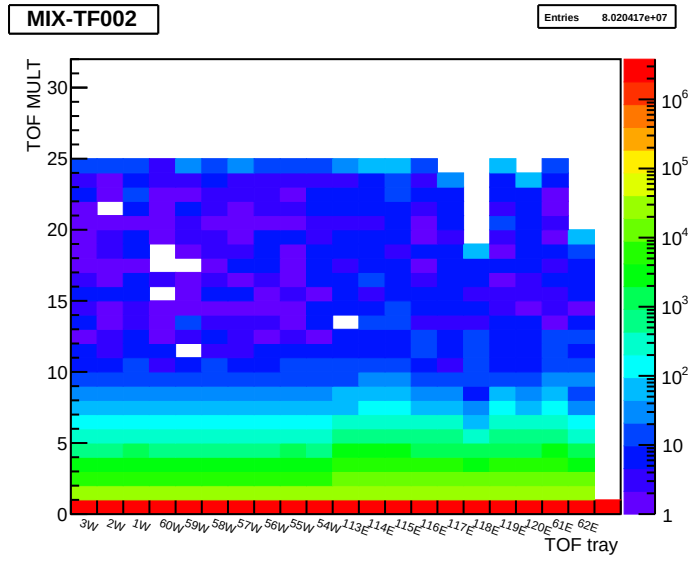

BunchId7Bit (EPD-TAC)
Entries 18337

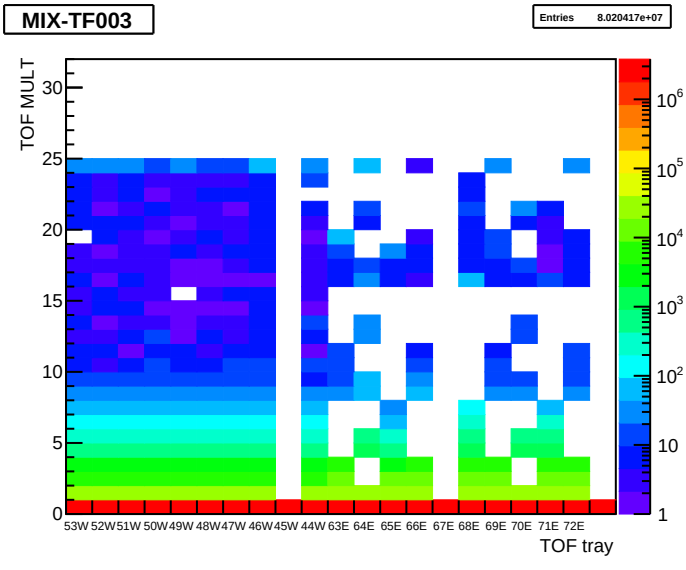

BunchId7Bit (BBC-TAC)
Entries 86343

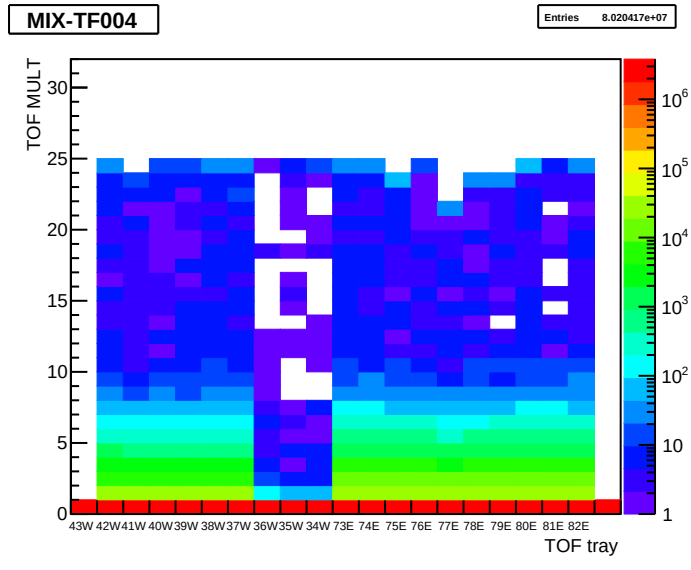

BunchId7Bit (Laser)
Entries 0

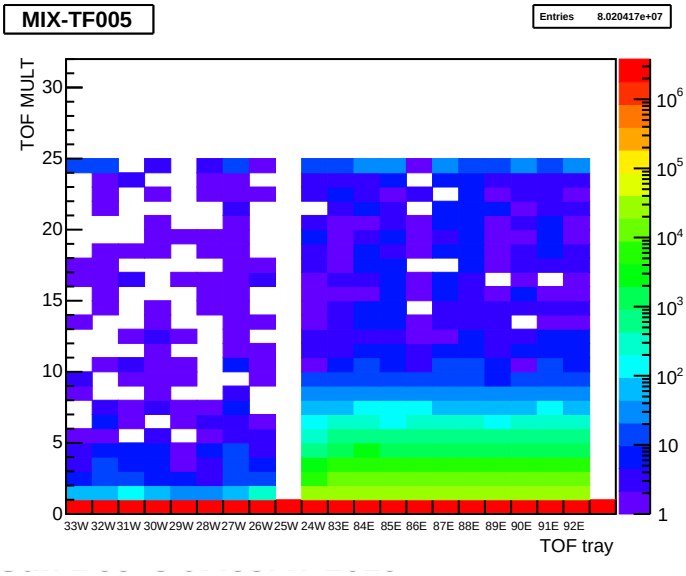

BunchId7Bit (TOFmult window)
Entries 50812

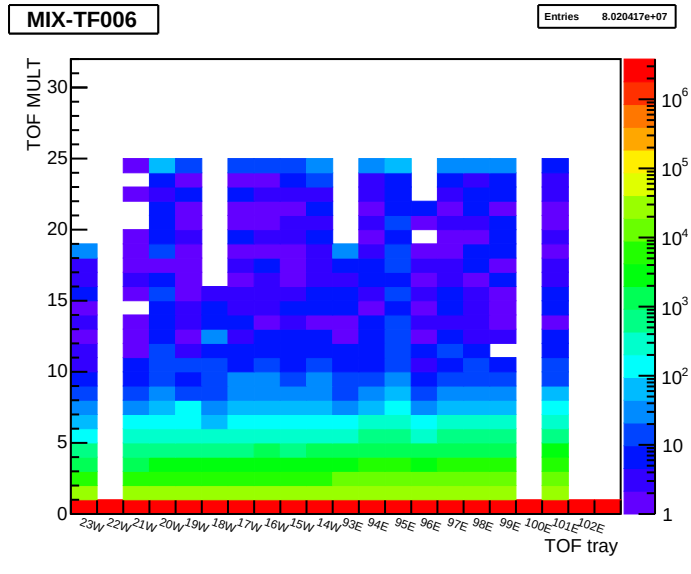

MIX-TF001
Entries 8.020417e+07
TOF MULT
TOF tray

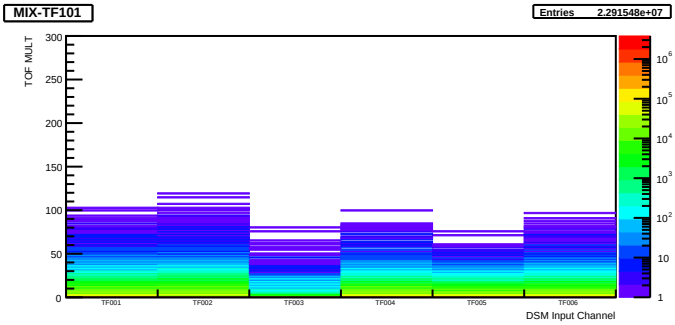

MIX-TF002
Entries 8.020417e+07
TOF MULT
TOF tray

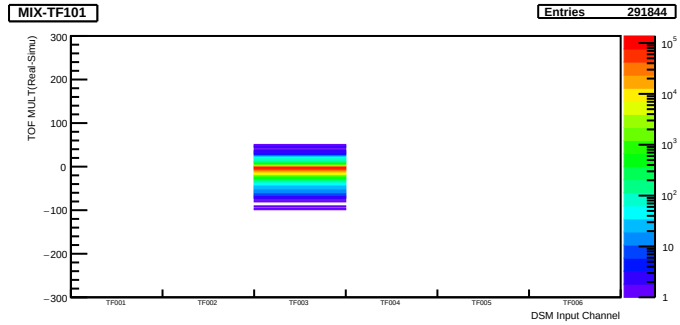

MIX-TF003
Entries 8.020417e+07
TOF MULT
TOF tray

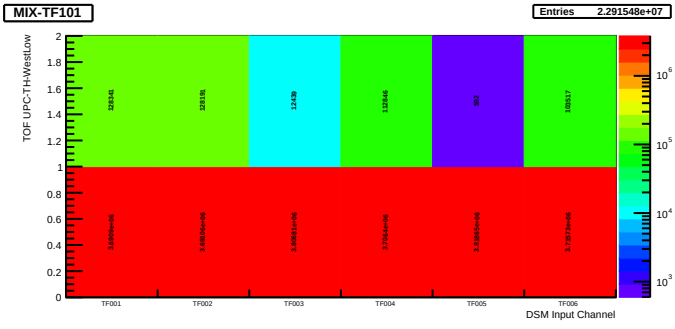

MIX-TF004
Entries 8.020417e+07
TOF MULT
TOF tray

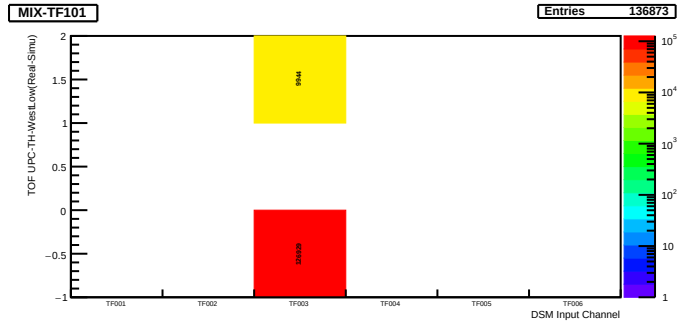

MIX-TF005
Entries 8.020417e+07
TOF MULT
TOF tray

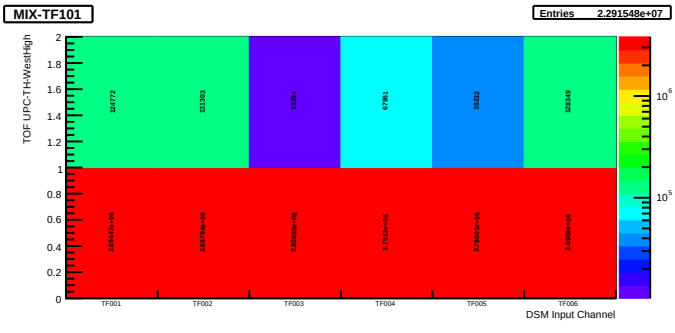

MIX-TF006
Entries 8.020417e+07
TOF MULT
TOF tray

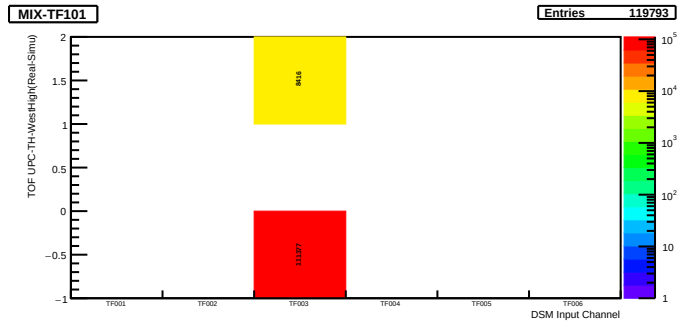

MIX-TF101
Entries 2.291548e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

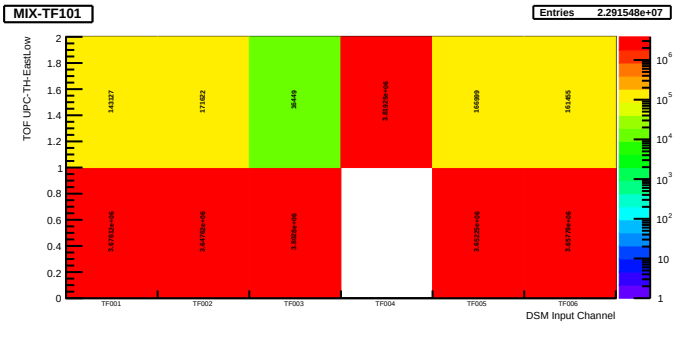

MIX-TF101
Entries 291844
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

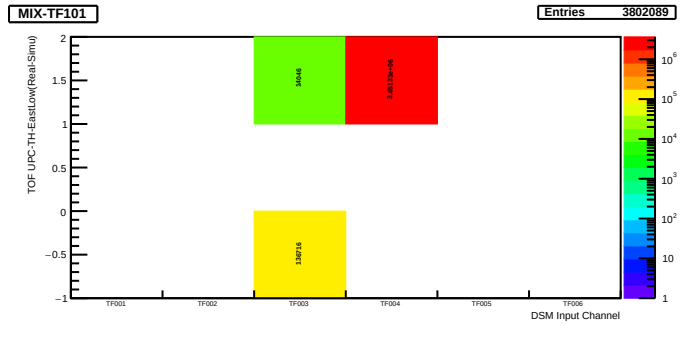

MIX-TF101
Entries 2.291548e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

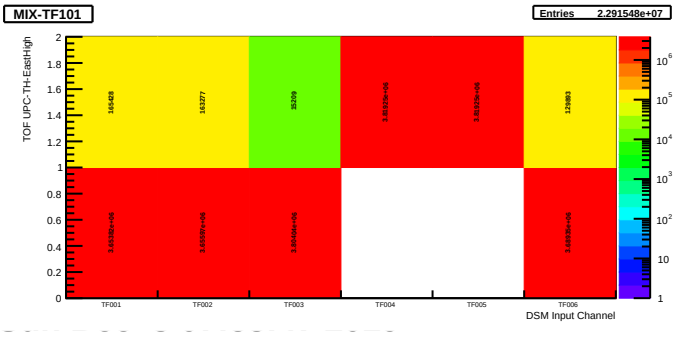

MIX-TF101
Entries 136873
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

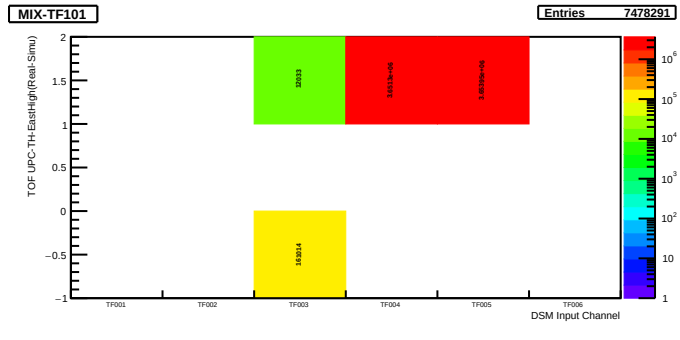

MIX-TF101
Entries 2.291548e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

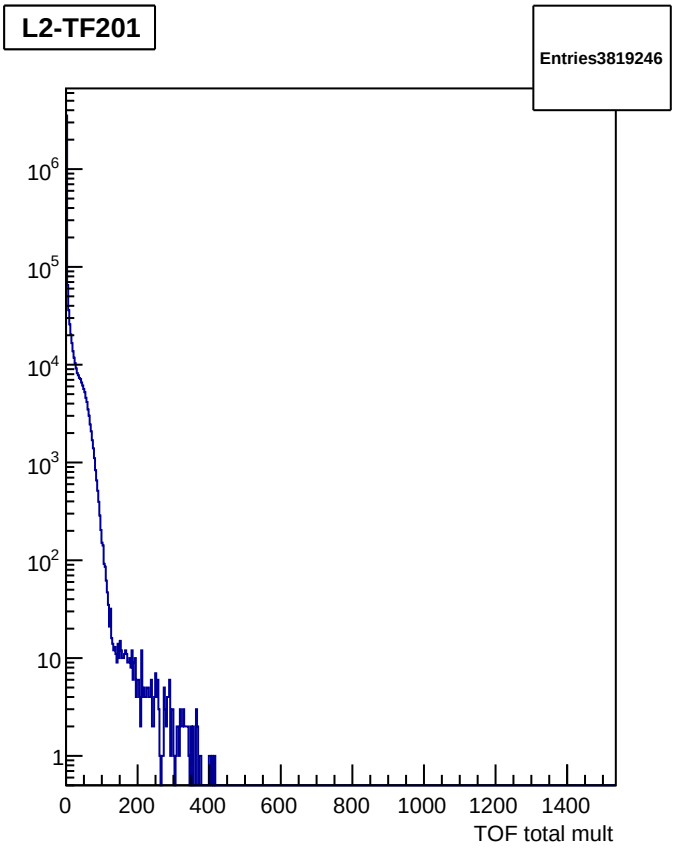

MIX-TF101
Entries 119793
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

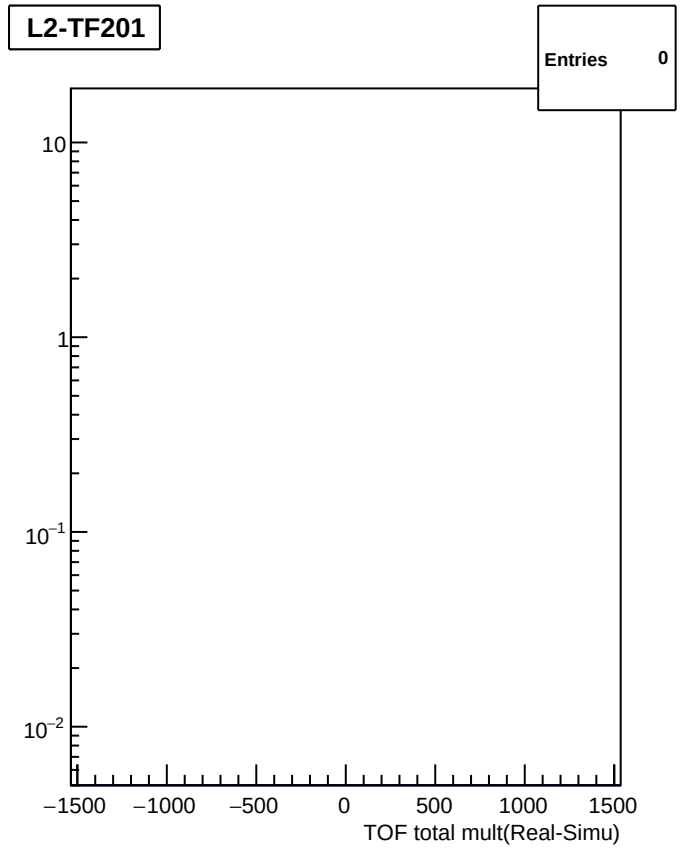

MIX-TF101
Entries 2.291548e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

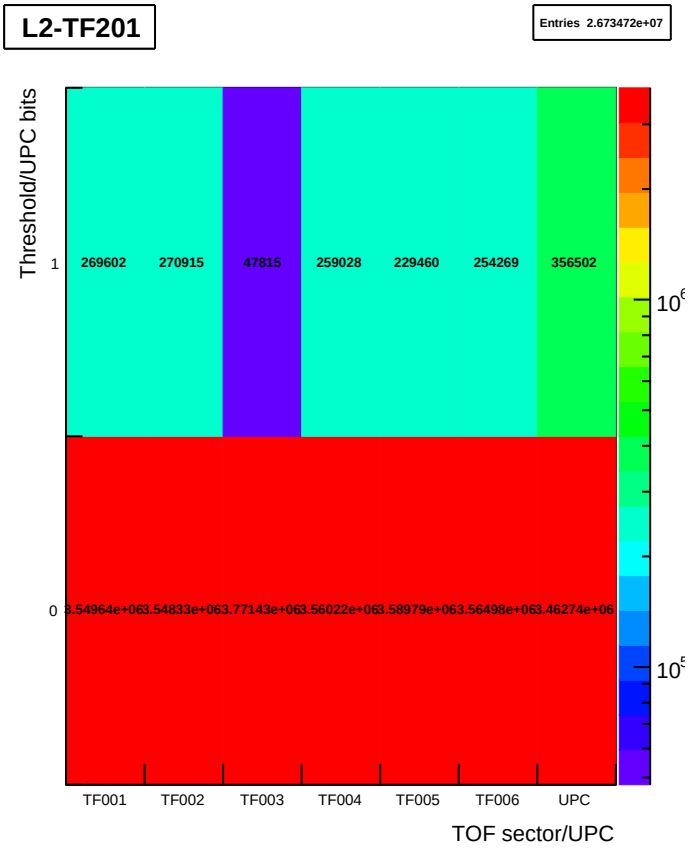

MIX-TF101
Entries 3802089
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

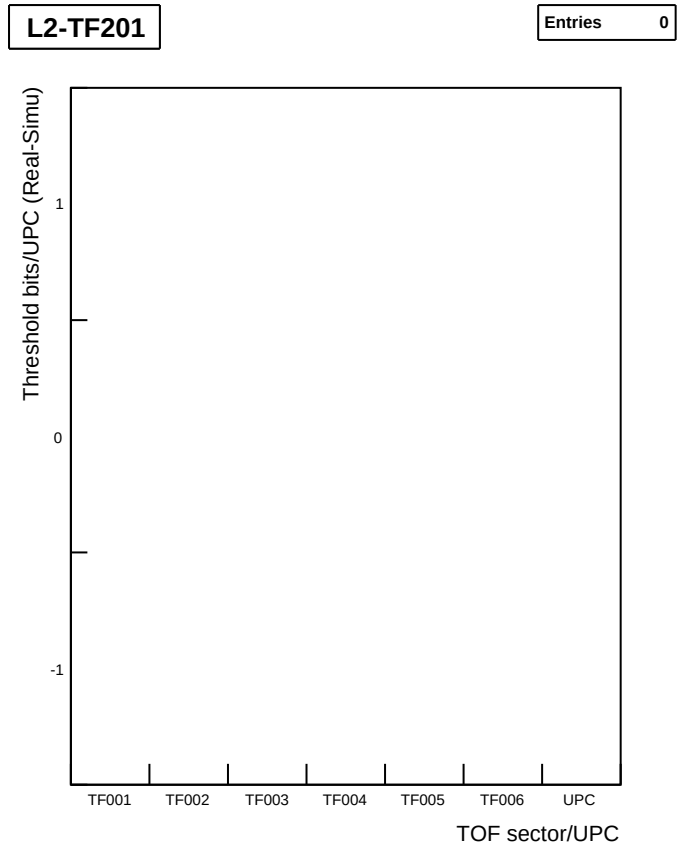

MIX-TF101
Entries 2.291548e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

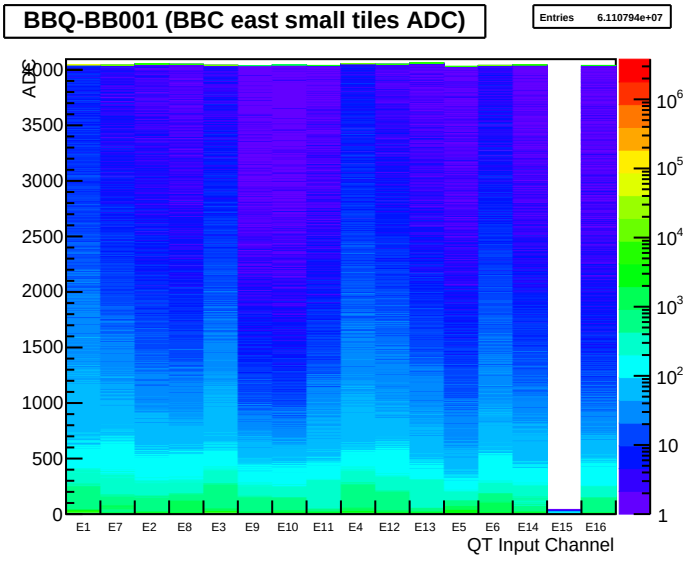

MIX-TF101
Entries 7478291
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

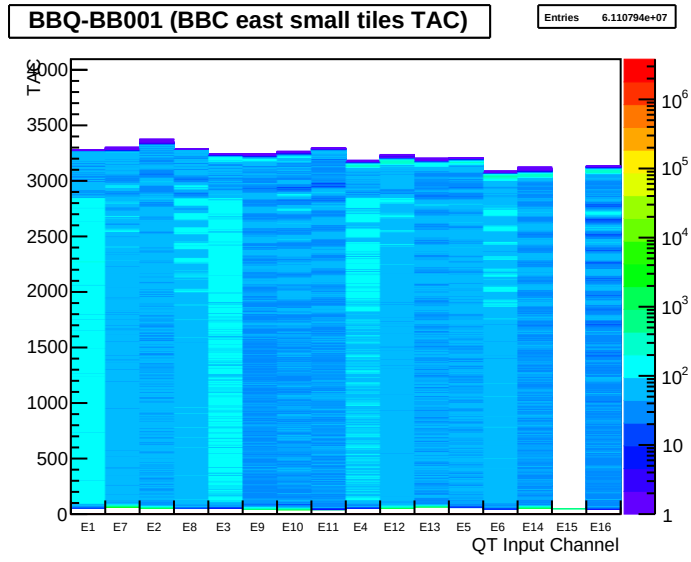

L2-TF201
Entries3819246
TOF total mult

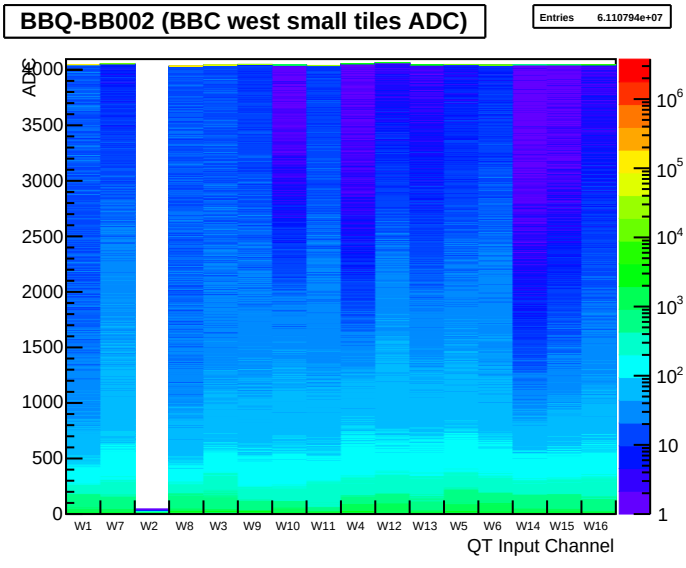

L2-TF201
Entries 0
TOF total mult(Real-Simu)

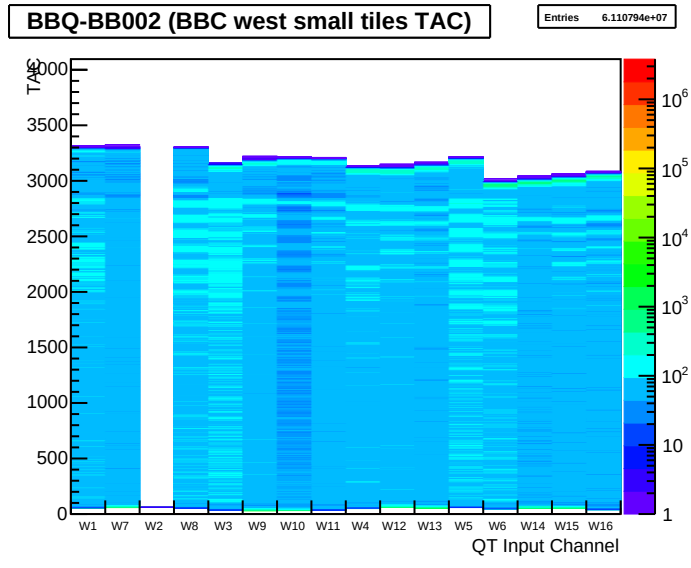

L2-TF201
Entries 2.673472e+07
Threshold/UPC bits
269602
270915
47815
259028
229460
254269
356502
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

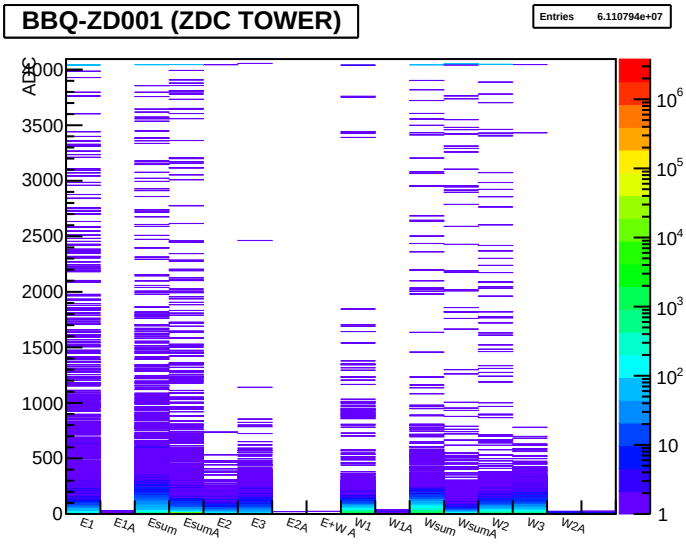

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

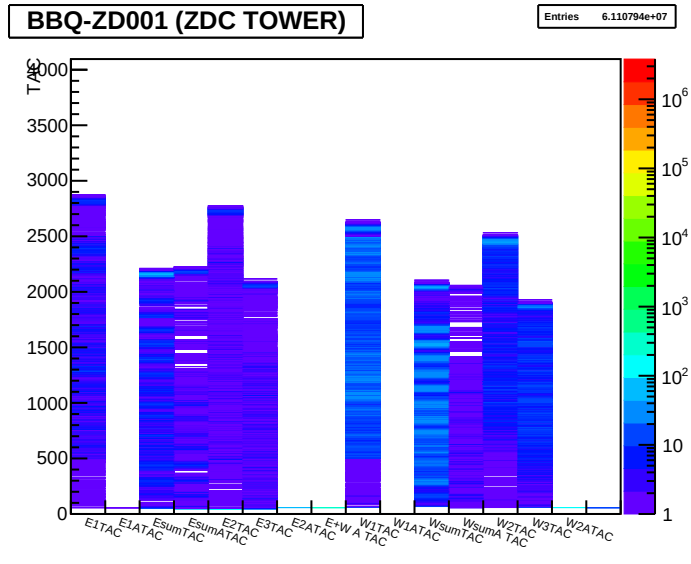

BBQ-BB001 (BBC east small tiles ADC)
Entries 6.110794e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

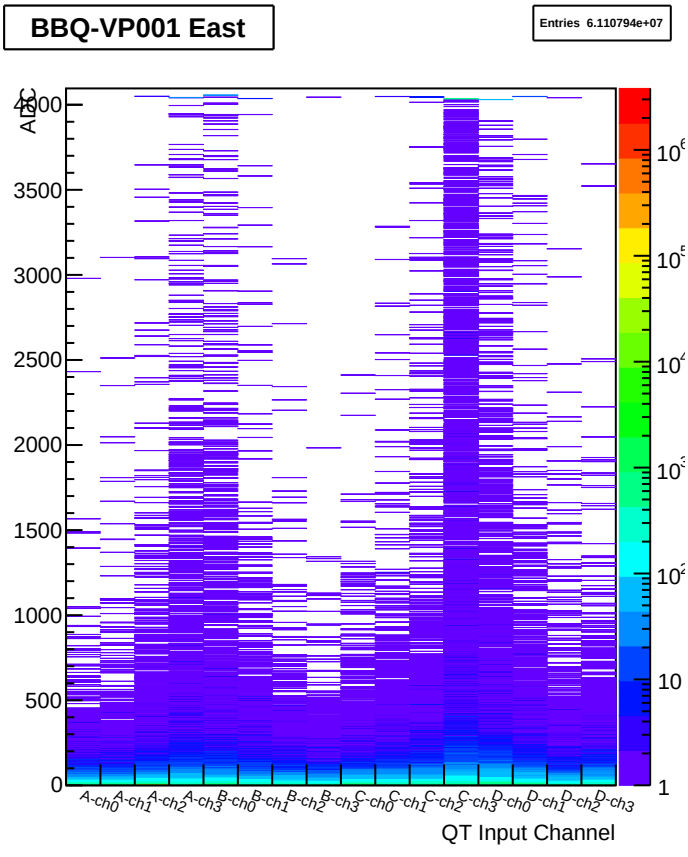

BBQ-BB001 (BBC east small tiles TAC)
Entries 6.110794e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

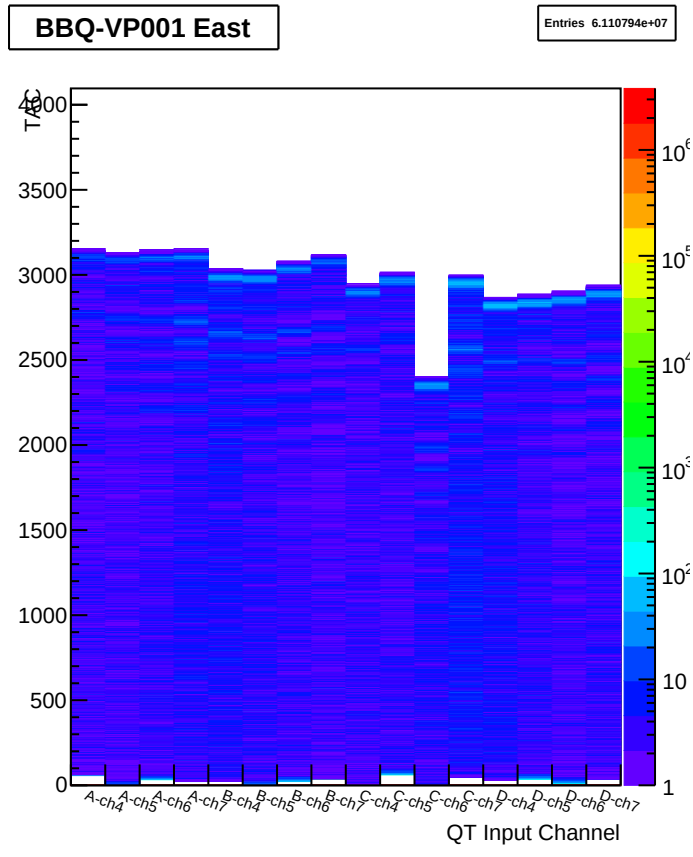

BBQ-BB002 (BBC west small tiles ADC)
Entries 6.110794e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

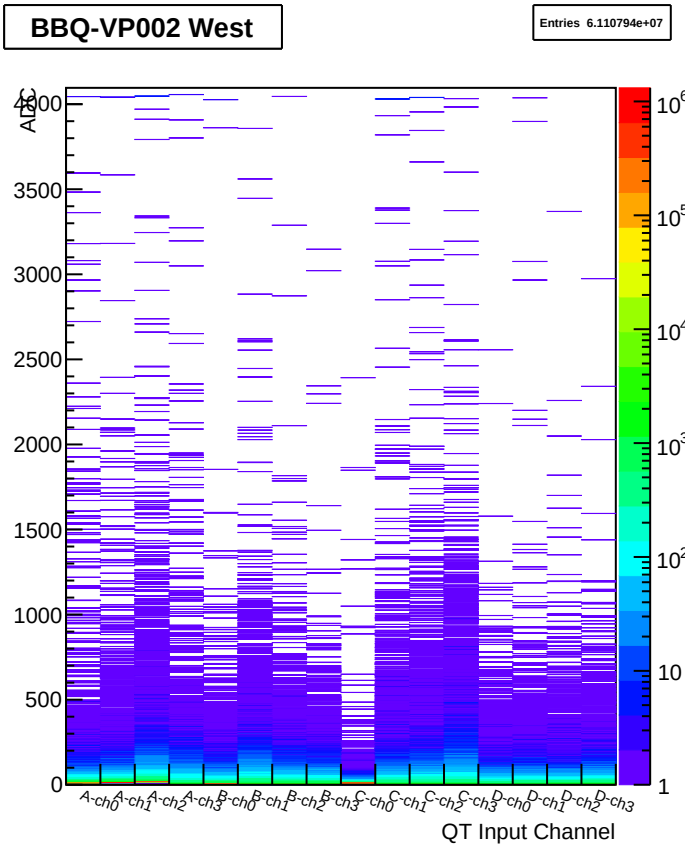

BBQ-BB002 (BBC west small tiles TAC)
Entries 6.110794e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

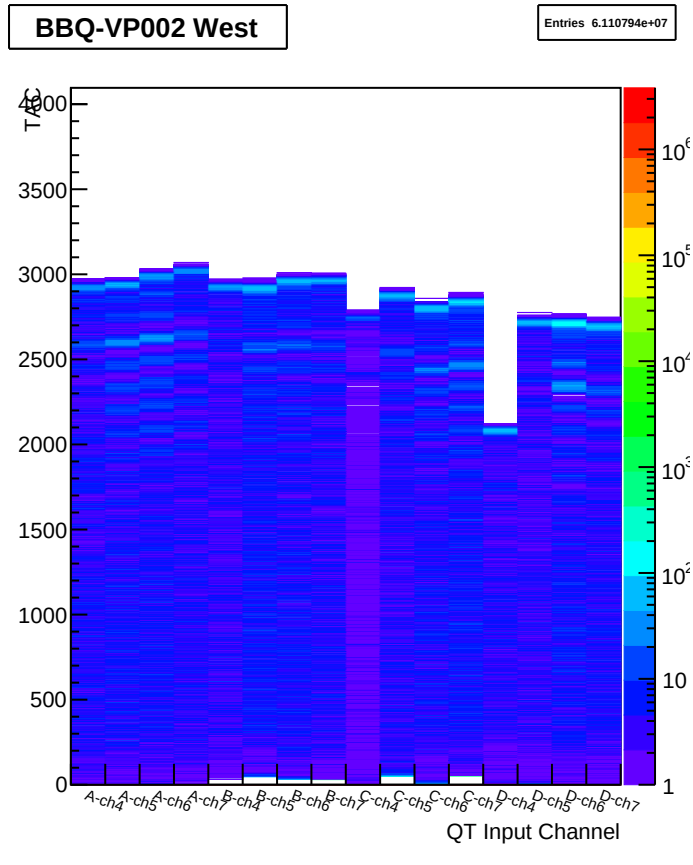

BBQ-ZD001 (ZDC TOWER)
Entries 6.110794e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

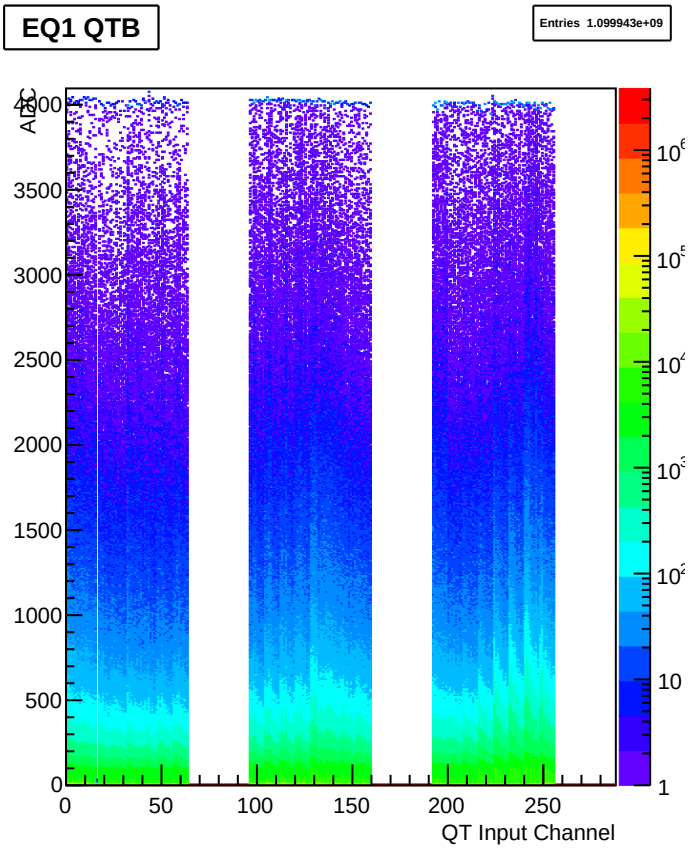

BBQ-ZD001 (ZDC TOWER)
Entries 6.110794e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

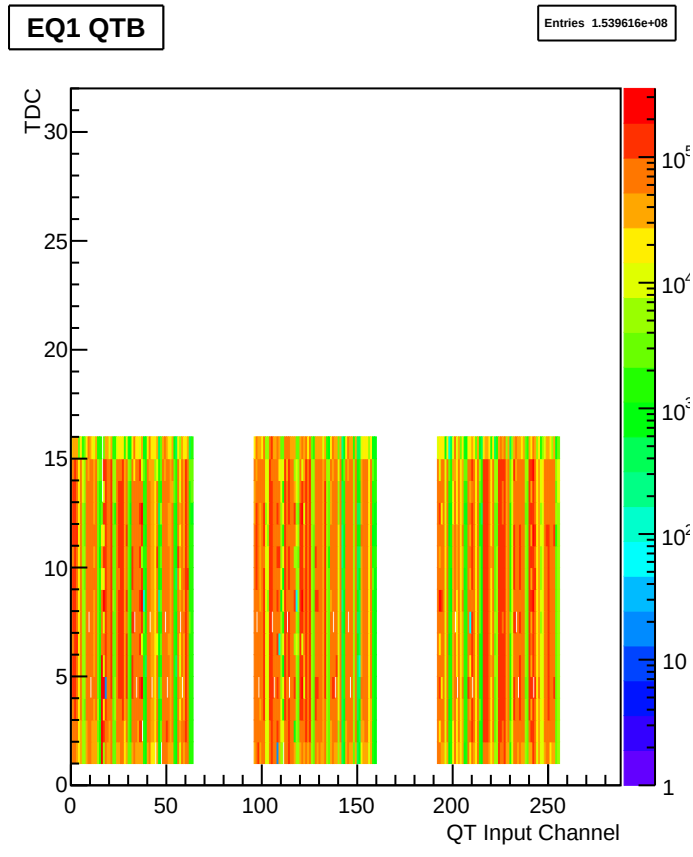

BBQ-VP001 East
Entries 6.110794e+07
ADC
QT Input Channel

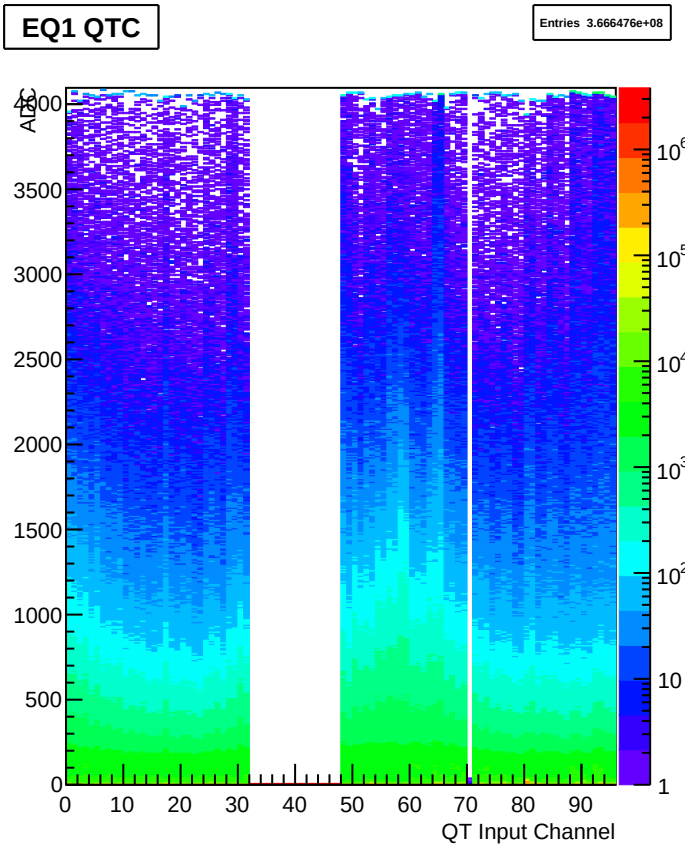

BBQ-VP001 East
Entries 6.110794e+07
TADC
QT Input Channel

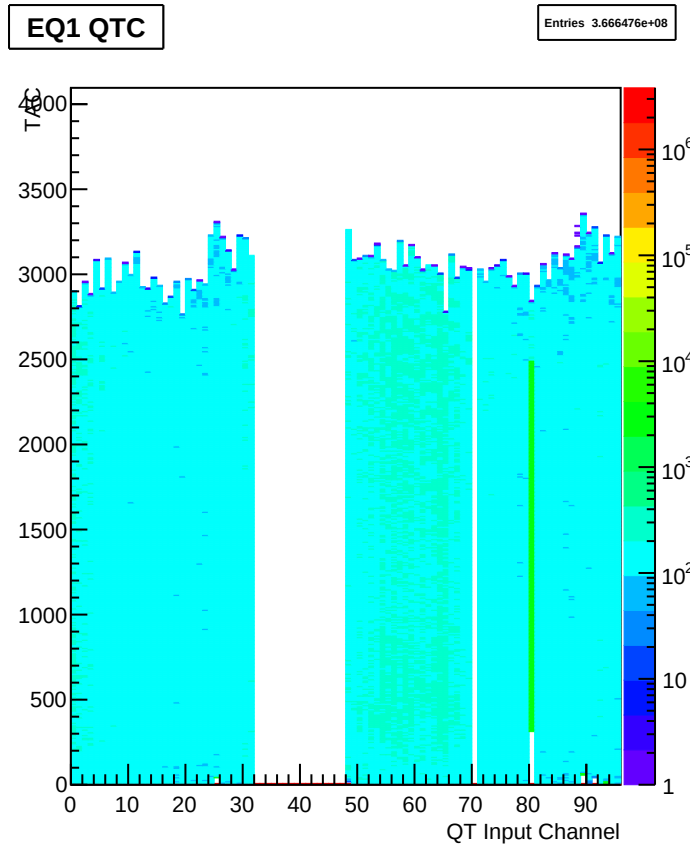

BBQ-VP002 West
Entries 6.110794e+07
ADC
QT Input Channel

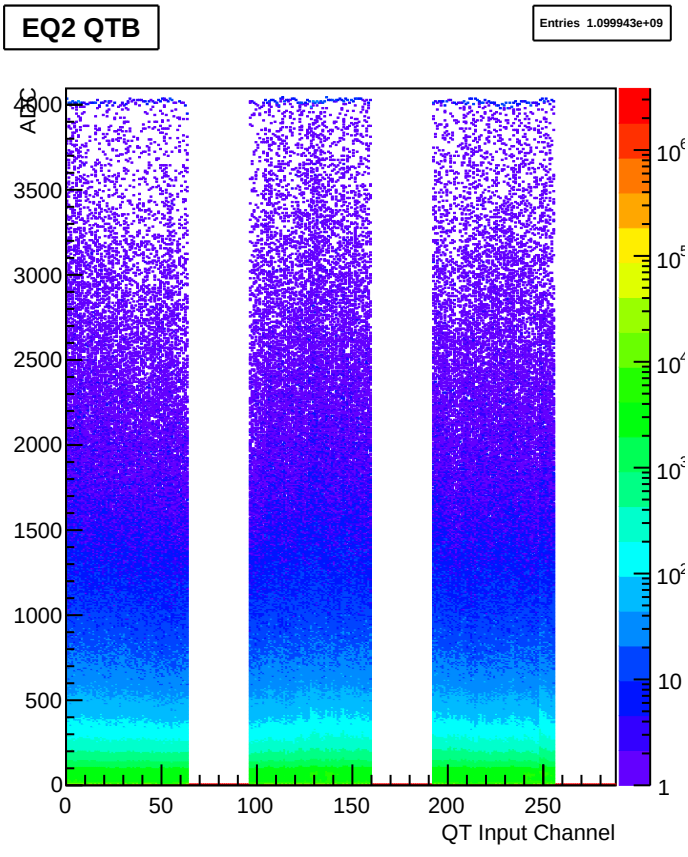

BBQ-VP002 West
Entries 6.110794e+07
TADC
QT Input Channel

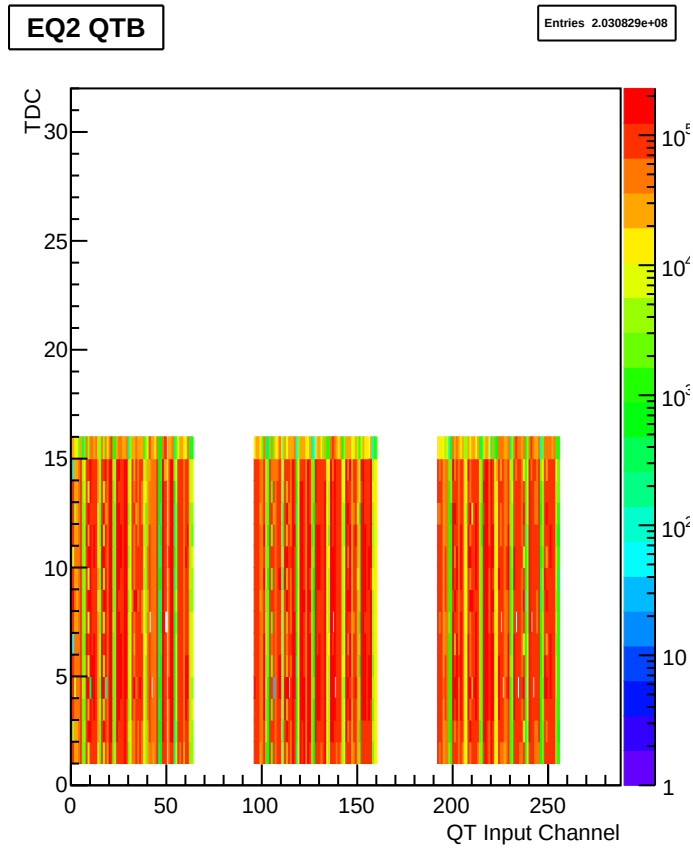

EQ1 QTB
Entries 1.099943e+09
ADC
QT Input Channel

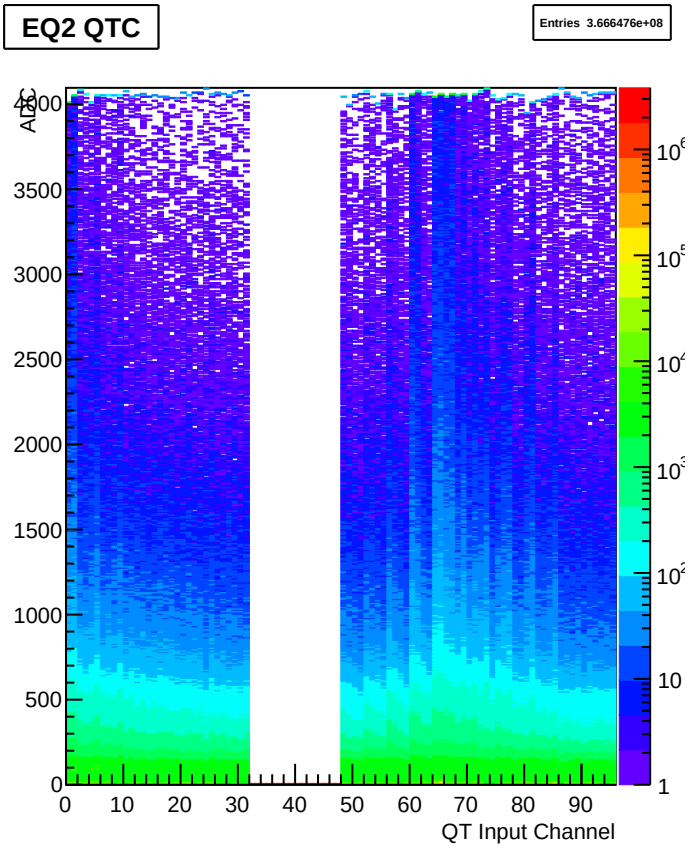

EQ1 QTB
Entries 1.539616e+08
TDC
QT Input Channel

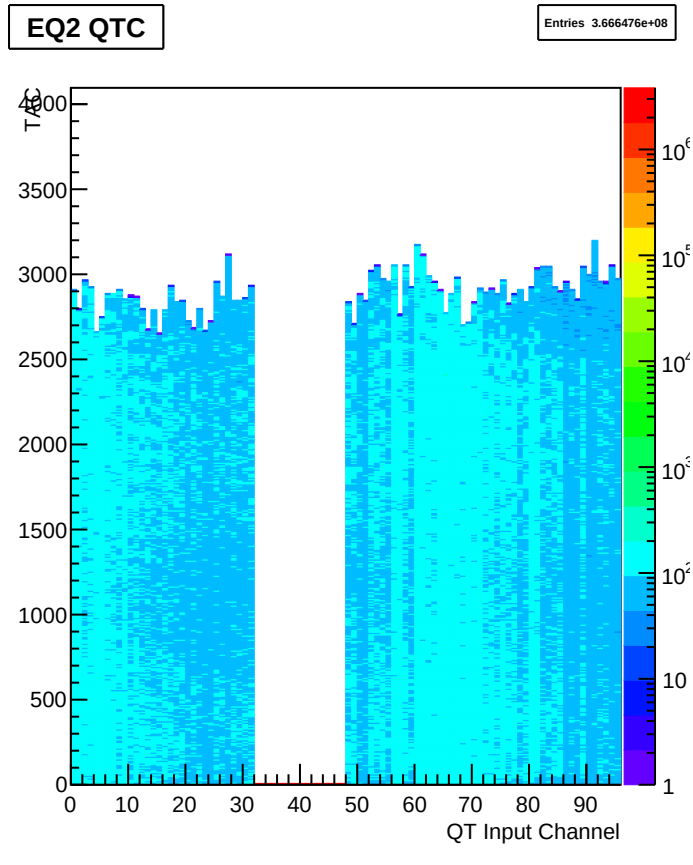

EQ1 QTC
Entries 3.666476e+08
ADC
QT Input Channel

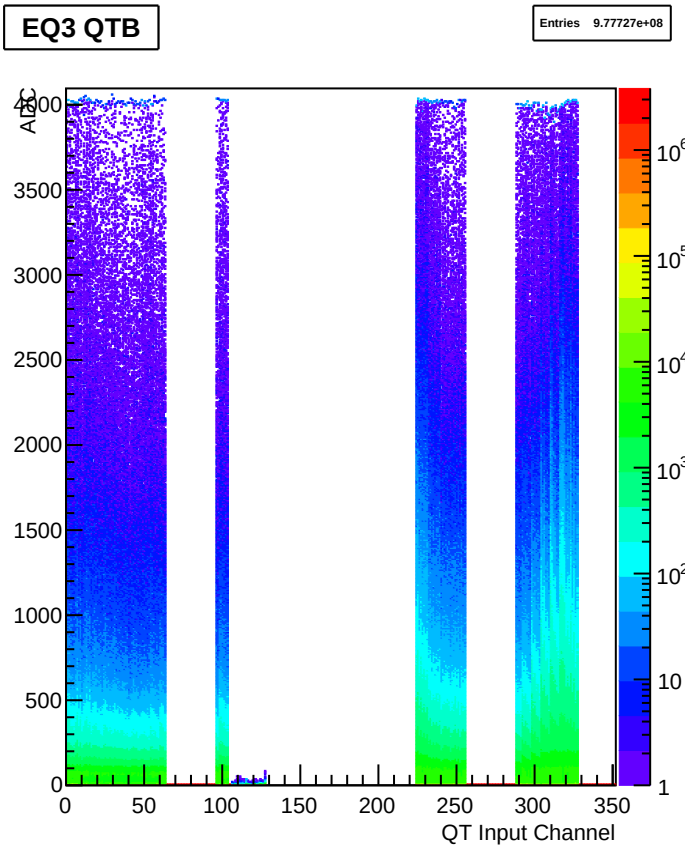

EQ1 QTC
Entries 3.666476e+08
TADC
QT Input Channel

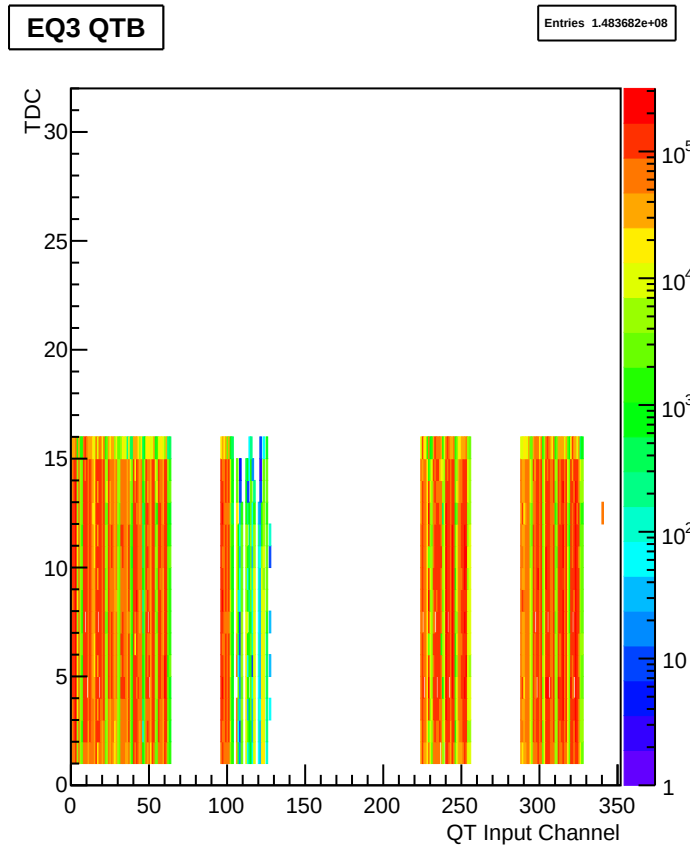

EQ2 QTB
Entries 1.099943e+09
ADC
QT Input Channel

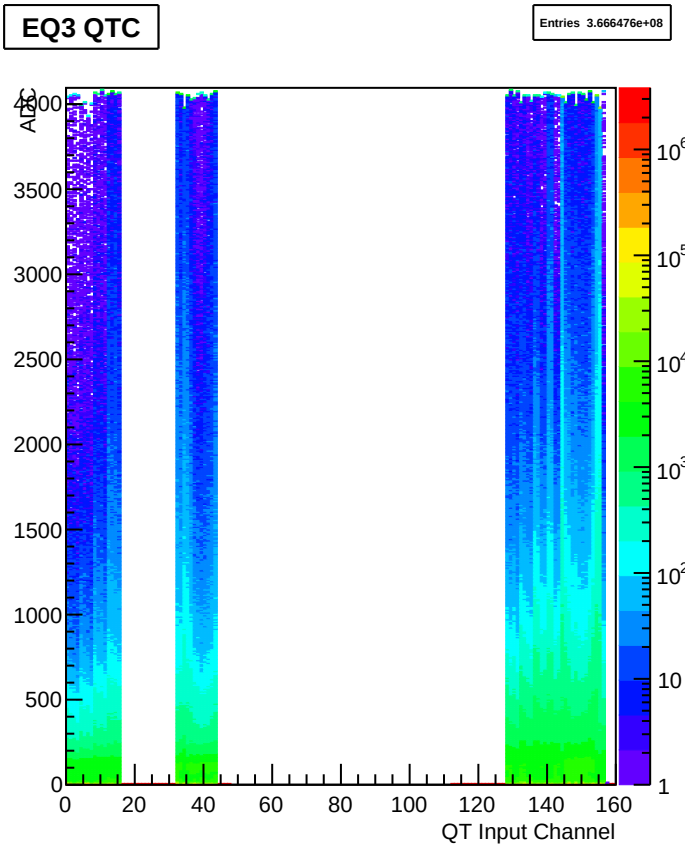

EQ2 QTB
Entries 2.030829e+08
TDC
QT Input Channel

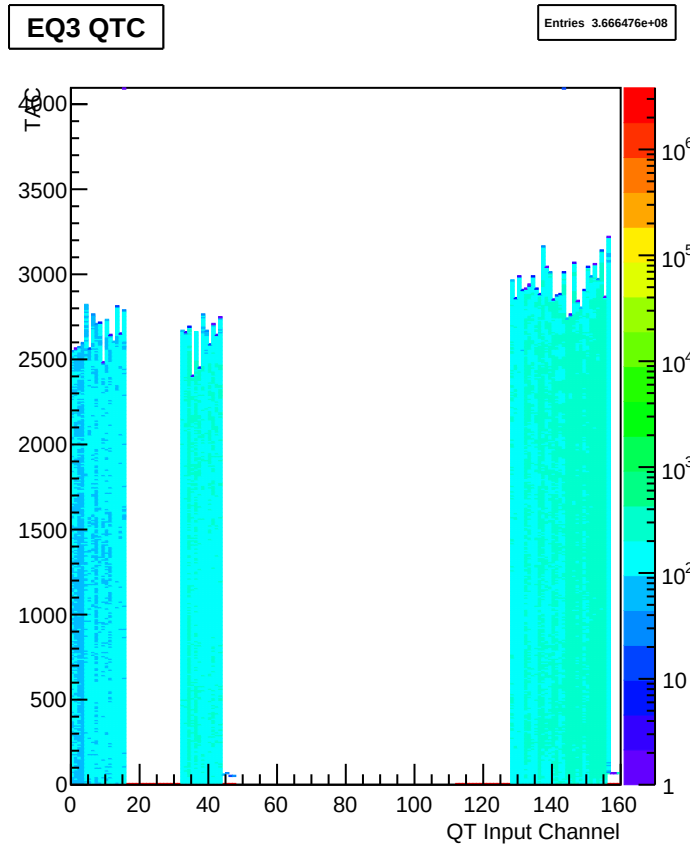

EQ2 QTC
Entries 3.666476e+08
ADC
QT Input Channel

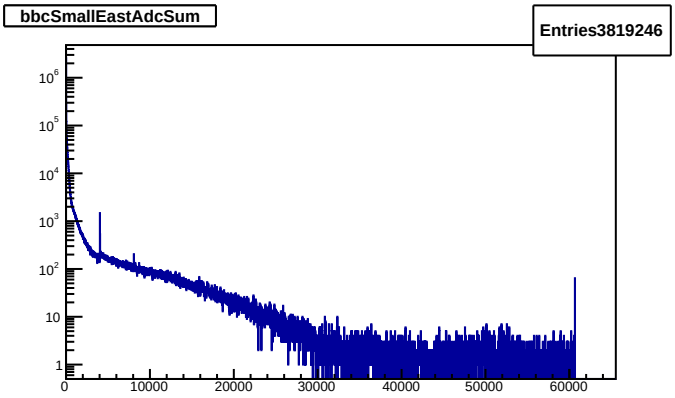

EQ2 QTC
Entries 3.666476e+08
TADC
QT Input Channel

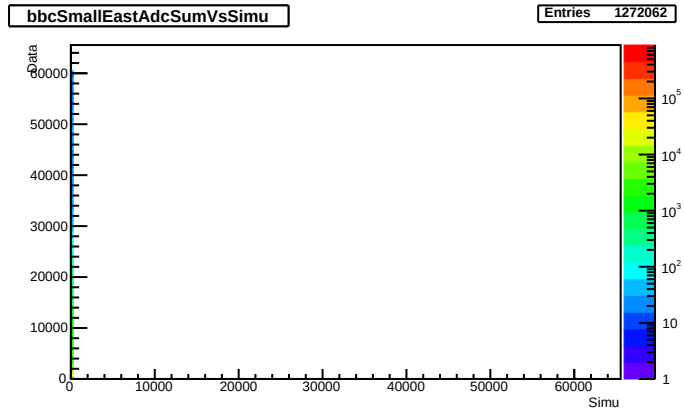

EQ3 QTB
Entries 9.77727e+08
ADC
QT Input Channel


EQ3 QTB
Entries 1.483682e+08
TDC
QT Input Channel


EQ3 QTC
Entries 3.666476e+08
ADC
QT Input Channel


EQ3 QTC
Entries 3.666476e+08
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries3819246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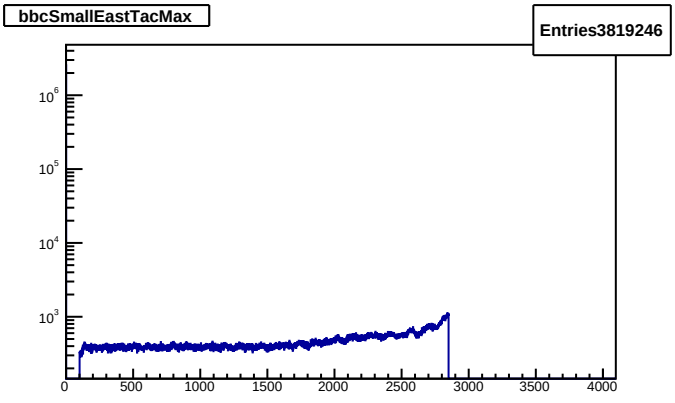
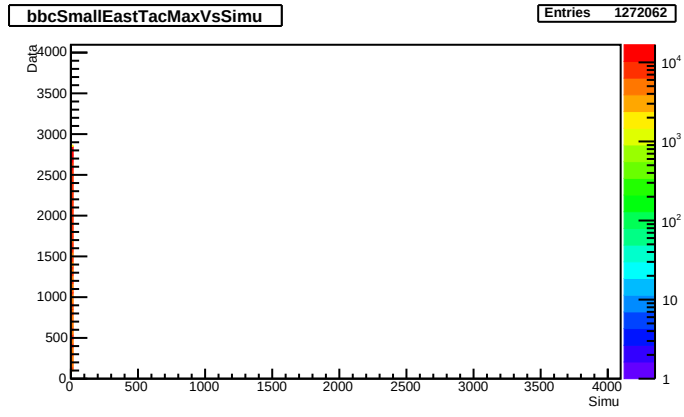
Entries 1272062
Data
Simu


bbcSmallEastTacMax
Entries3819246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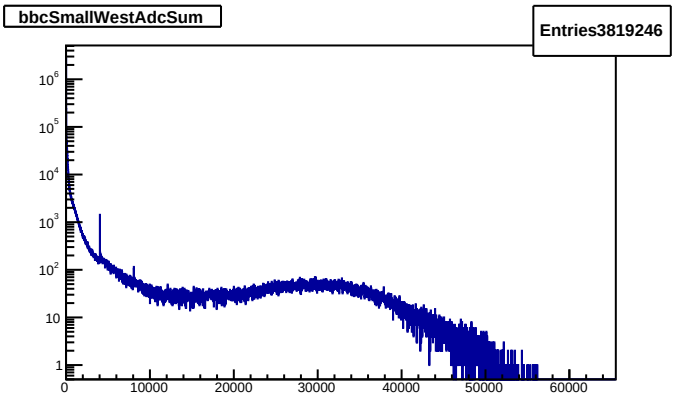
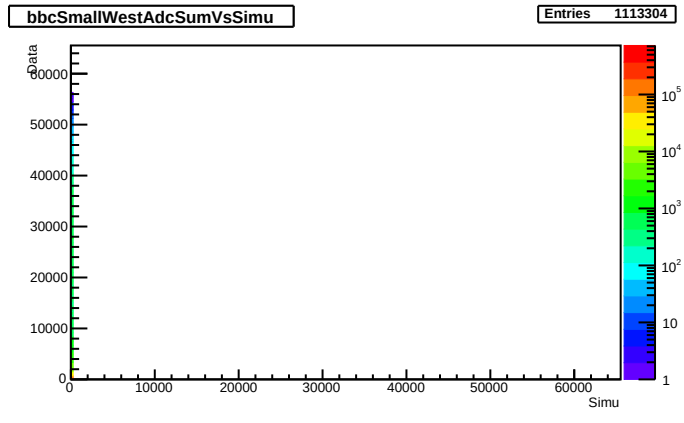
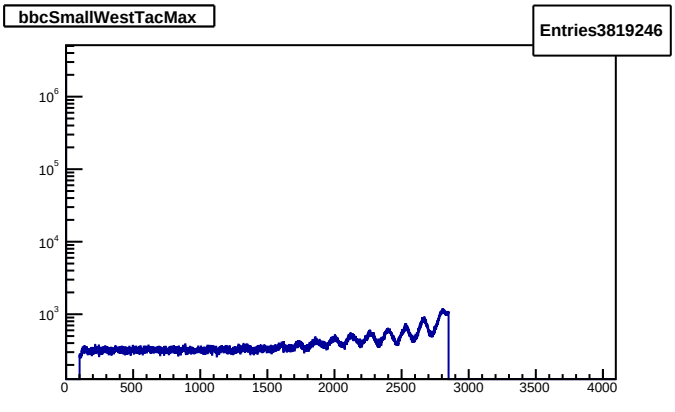
Entries 1272062
Data
Simu


bbcSmallWestAdcSum
Entries3819246


bbcSmallWestAdcSumVsSimu
Entries 1113304
Data
Simu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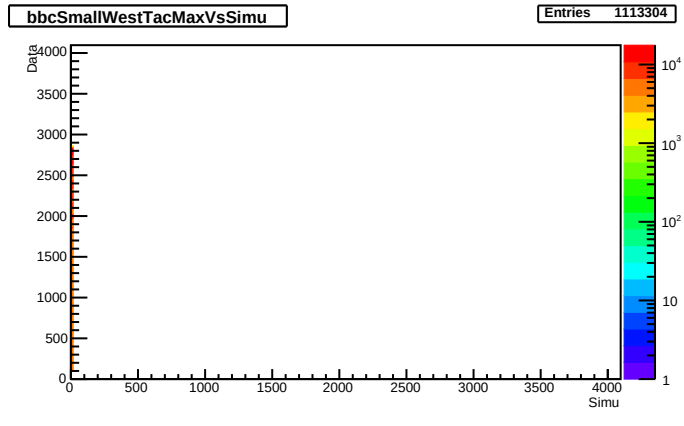
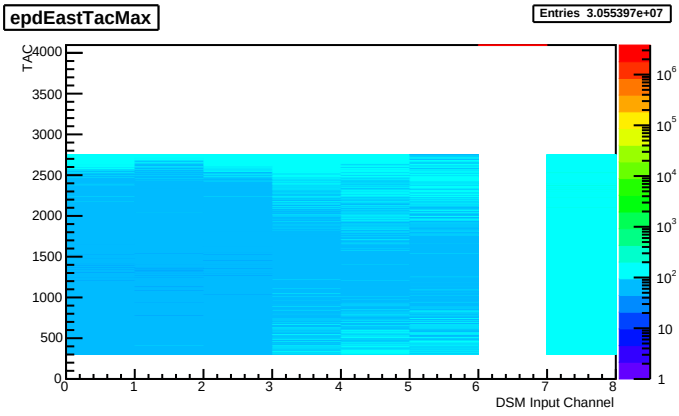
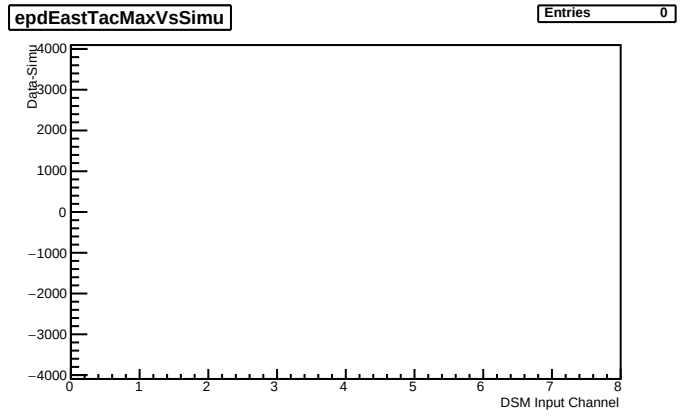
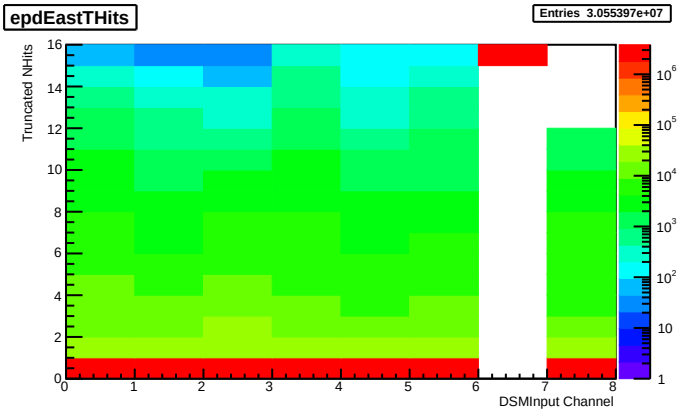
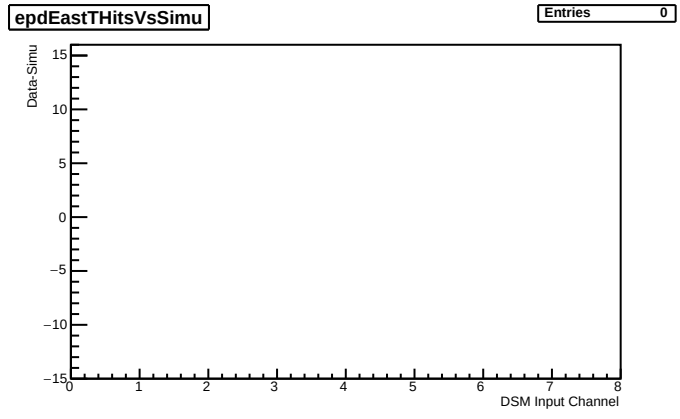
Entries3819246

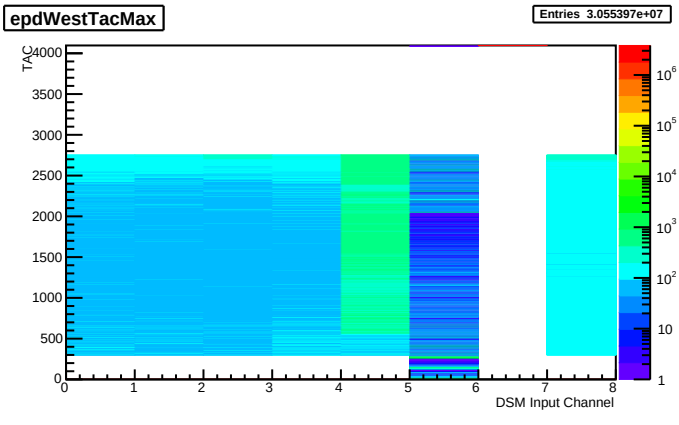

bbcSmallWestTacMaxVsSimu
Entries 1113304
Data
Simu

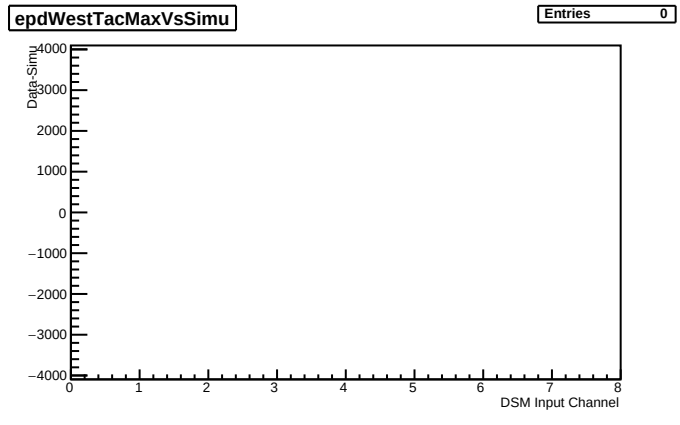

epdEastTacMax
Entries 3.055397e+07
TAC
DSM Input Channel

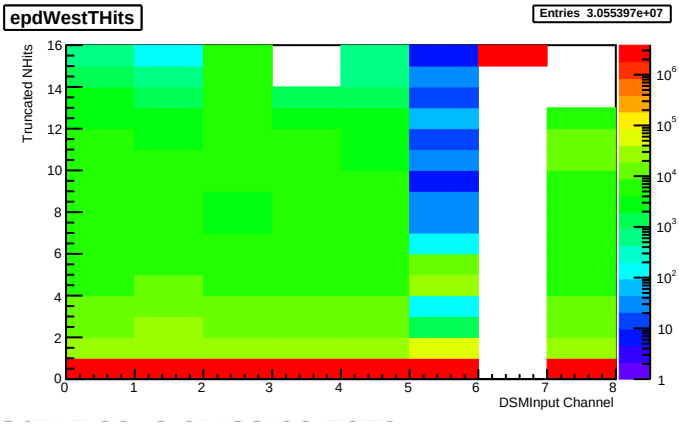

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

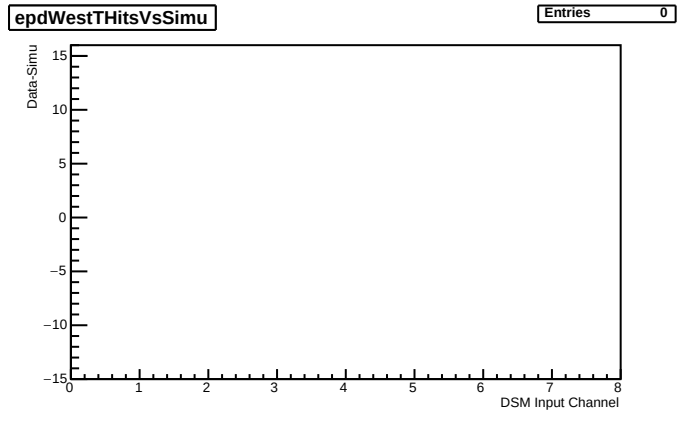

epdEastTHits
Entries 3.055397e+07
Truncated NHits
DSMInput Channel

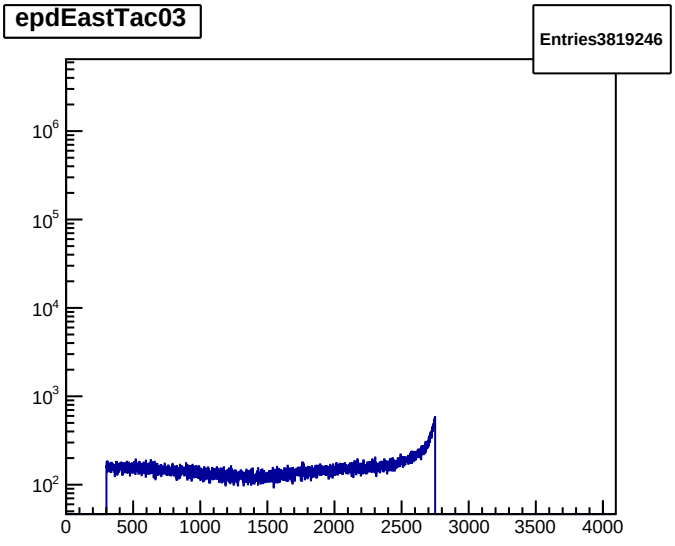

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

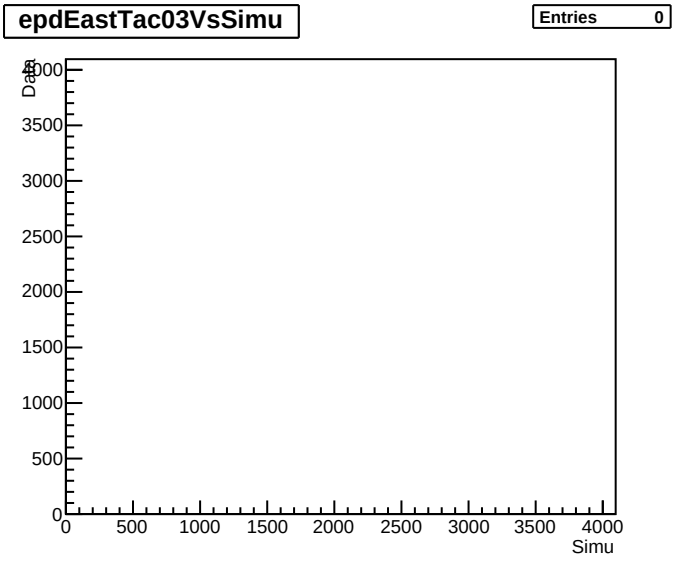

epdWestTacMax
Entries 3.055397e+07
TAC
DSM Input Channel

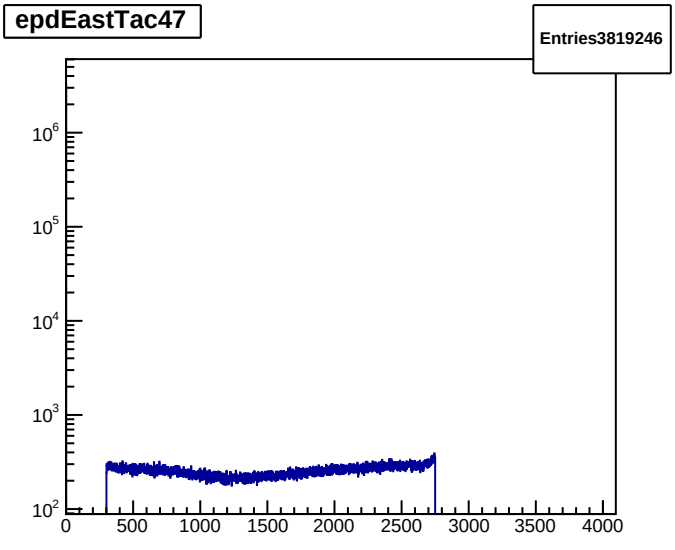

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

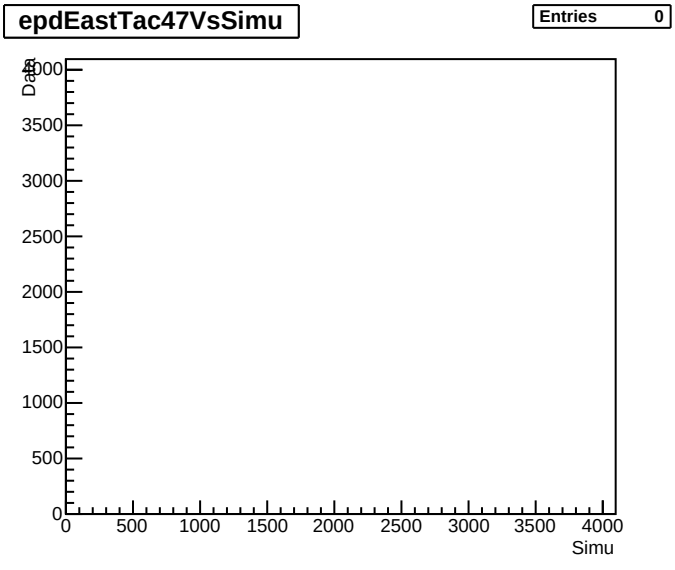

epdWestTHits
Entries 3.055397e+07
Truncated NHits
DSMInput Channel

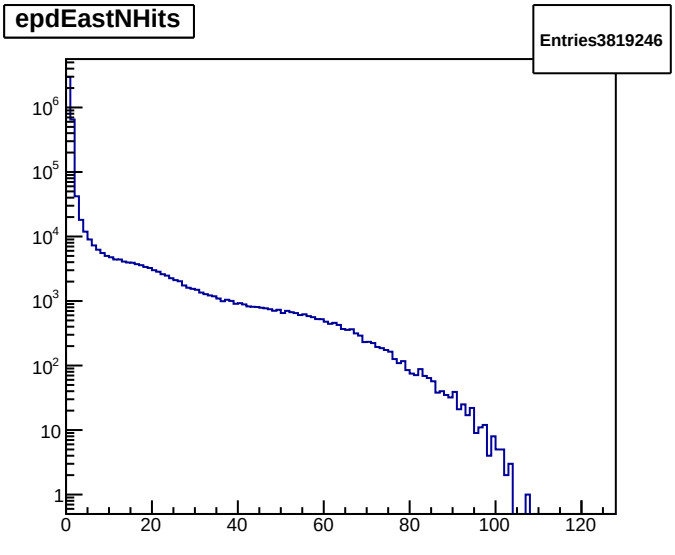

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

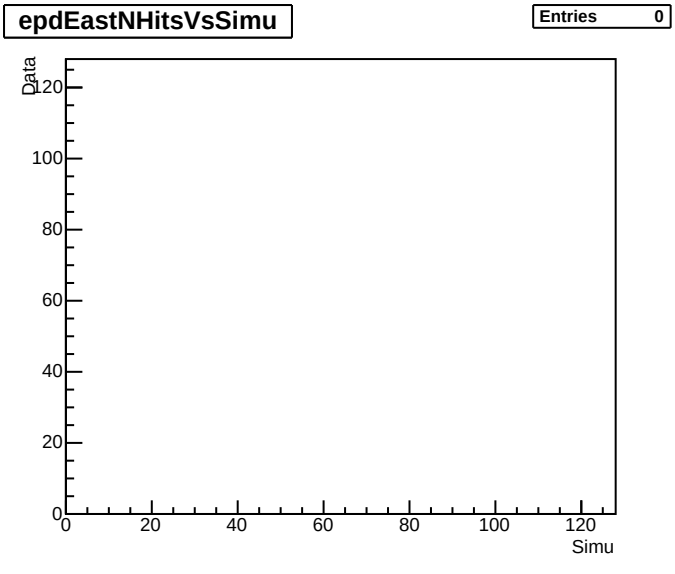

epdEastTac03
Entries3819246


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries3819246


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries3819246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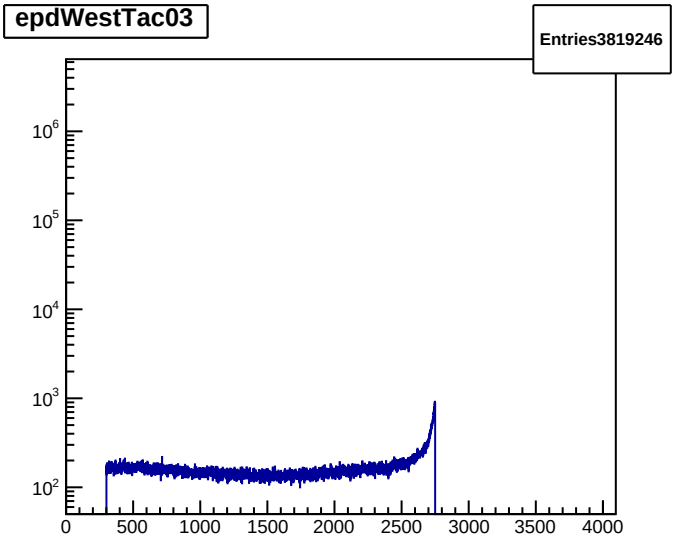
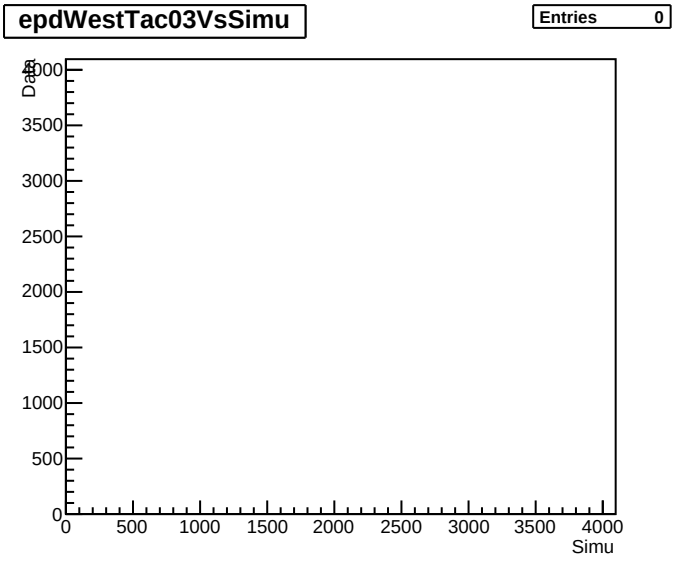
Entries 0
Data
Simu


epdWestTac03
Entries3819246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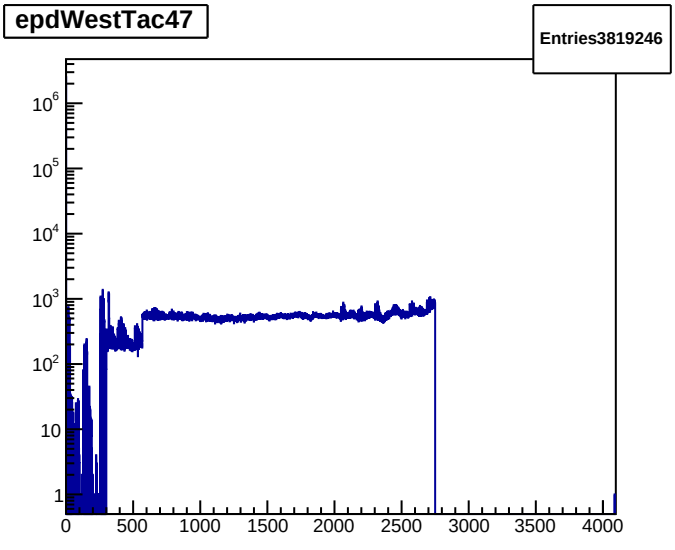
Entries 0
Data
Simu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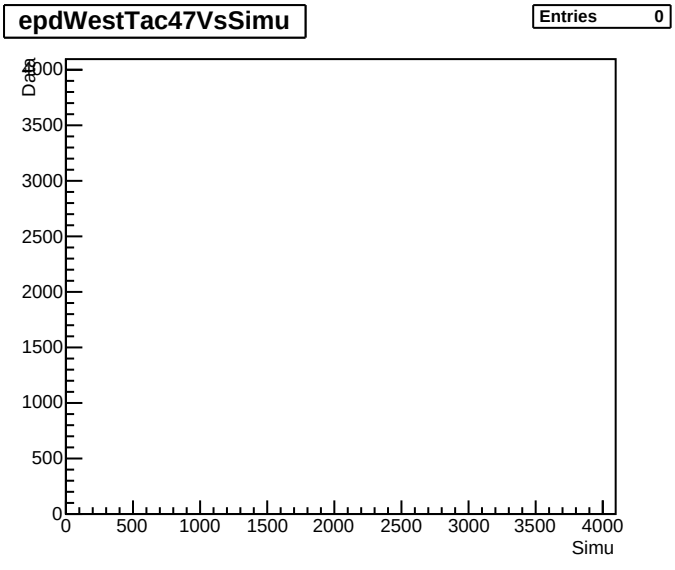
Entries3819246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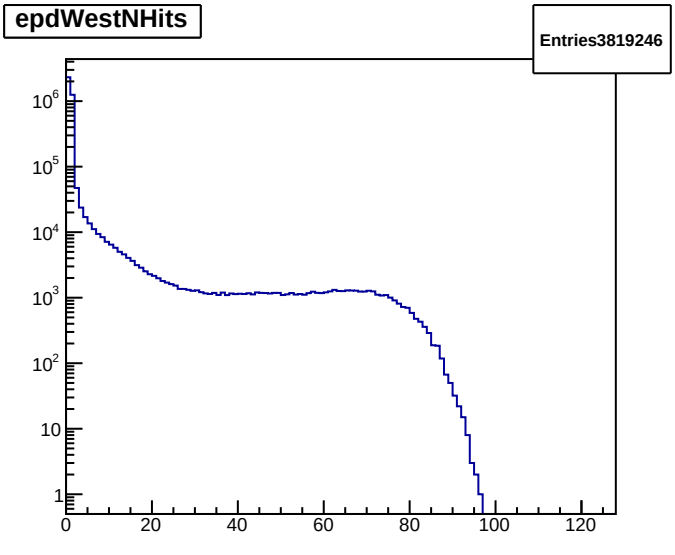
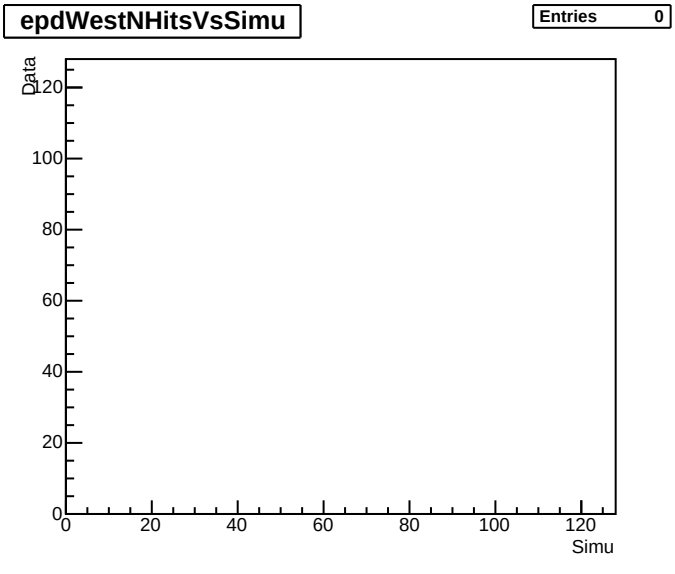
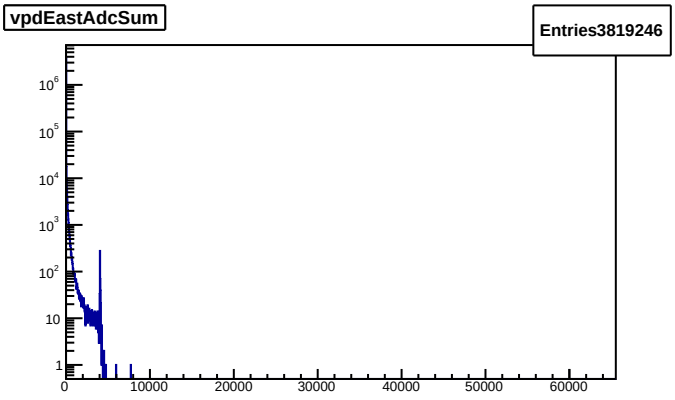
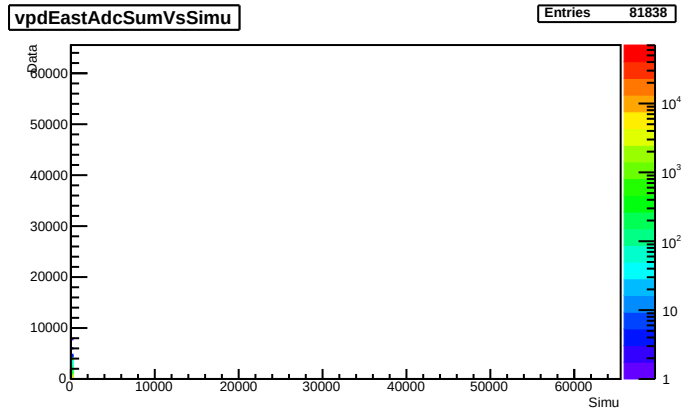
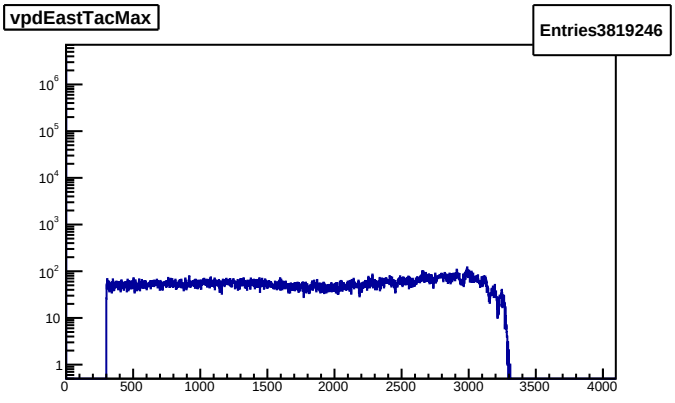
Entries 0
Data
Simu

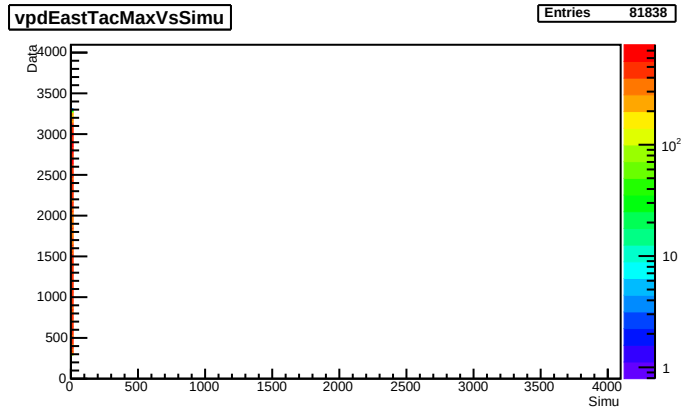

epdWestNHits
Entries3819246

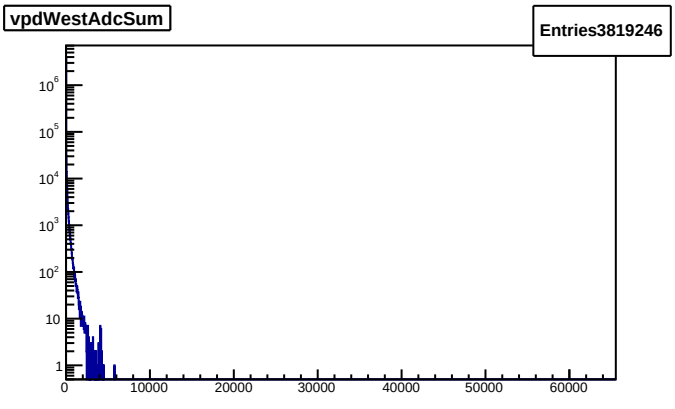

epdWestNHitsVsSimu
Entries 0
Data
Simu

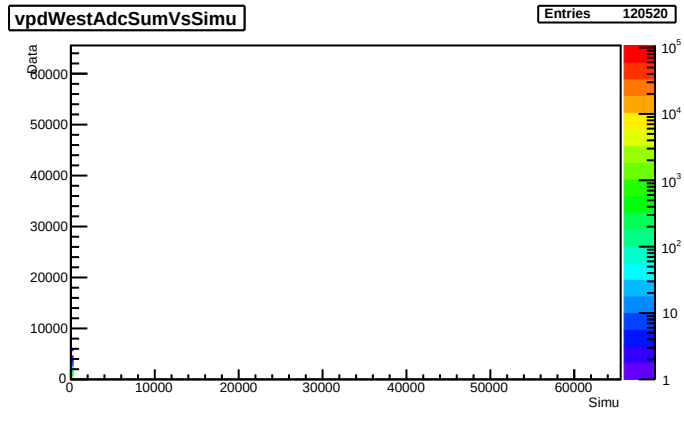

vpdEastAdcSum
Entries3819246

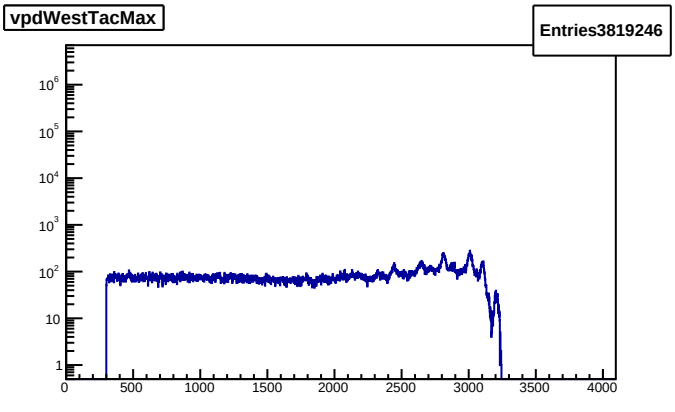

vpdEastAdcSumVsSimu
Entries 81838
Data
Simu

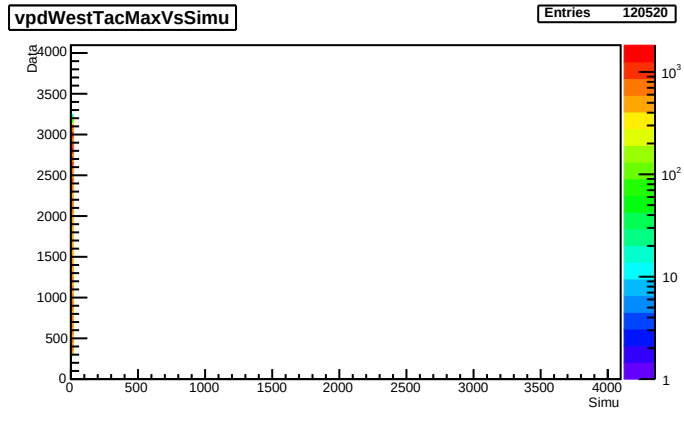

vpdEastTacMax
Entries3819246

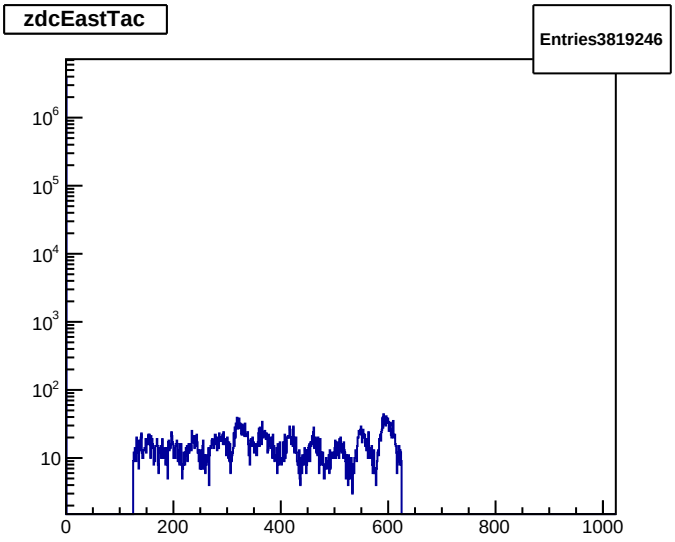

vpdEastTacMaxVsSimu
Entries 81838
Data
Simu

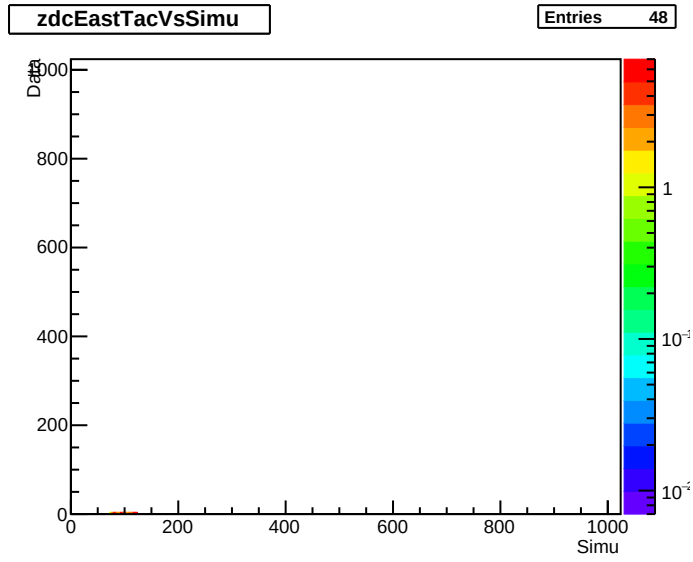

vpdWestAdcSum
Entries3819246

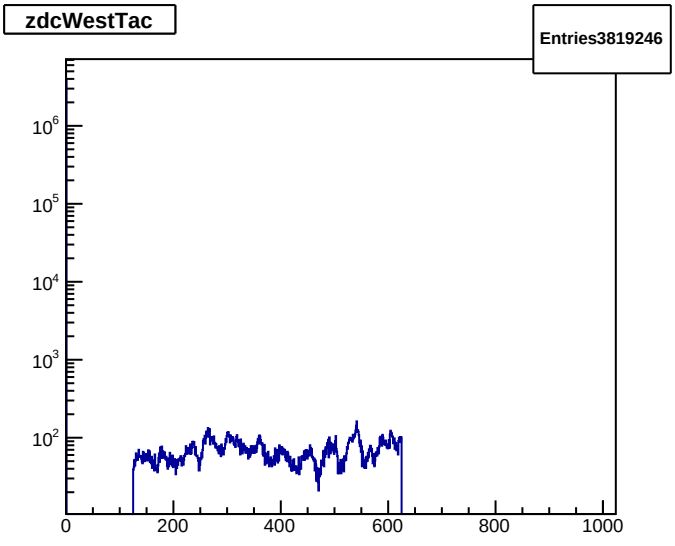

vpdWestAdcSumVsSimu
Entries 120520
Data
Simu

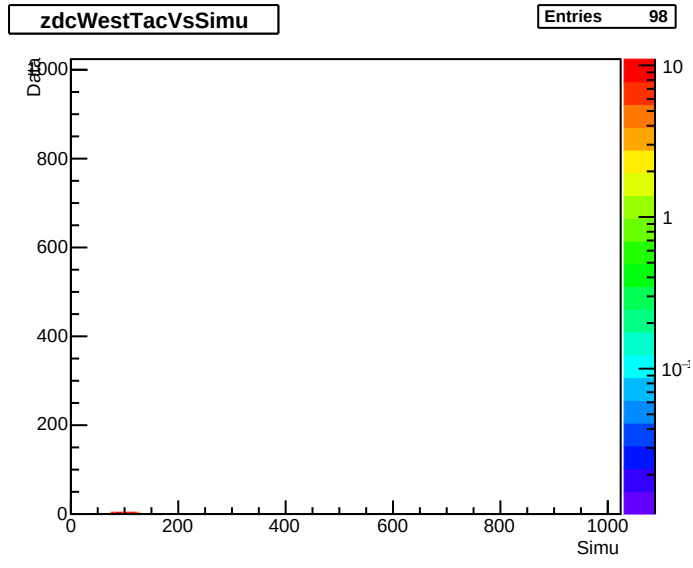

vpdWestTacMax
Entries3819246

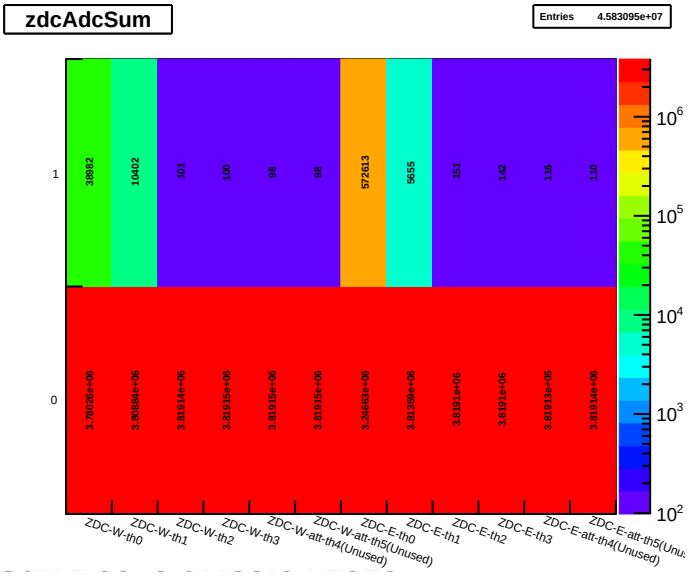

vpdWestTacMaxVsSimu
Entries 120520
Data
Simu

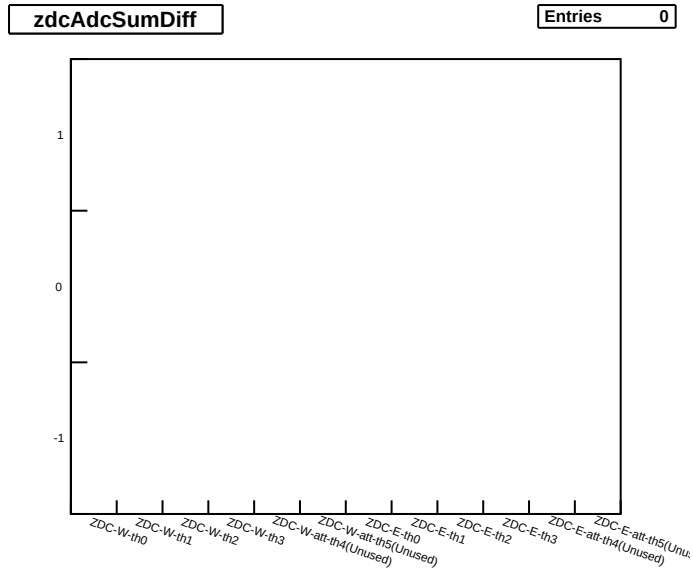

zdcEastTac
Entries3819246

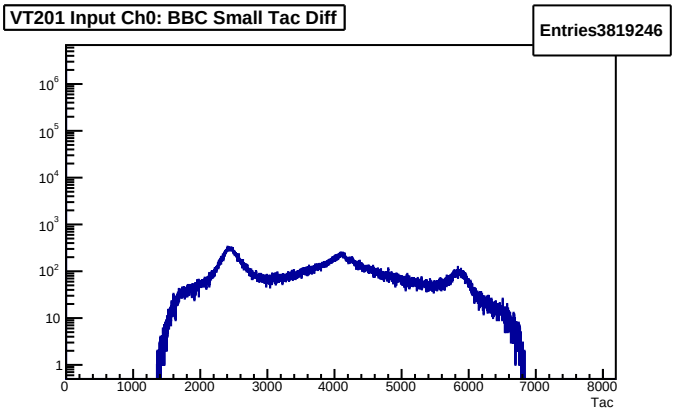

zdcEastTacVsSimu
Entries 48
Data
Simu

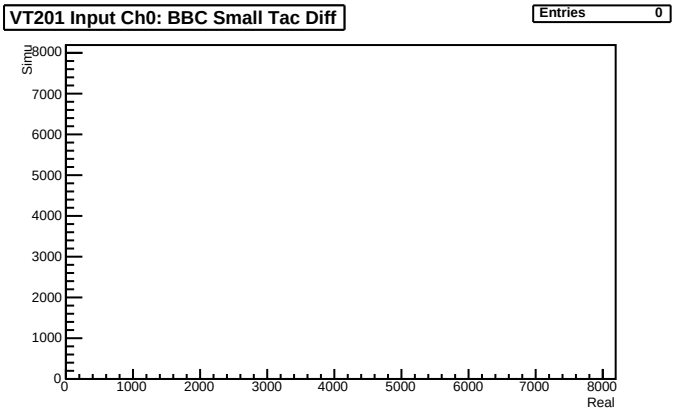

zdcWestTac
Entries3819246

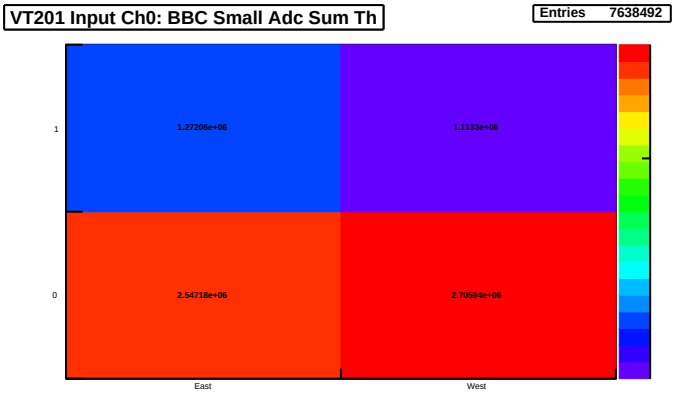

zdcWestTacVsSimu
Entries 98
Data
Simu

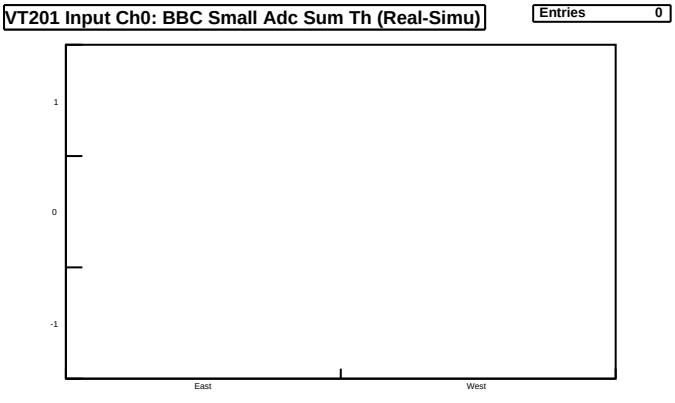

zdcAdcSum
Entries 4.583095e+07
38982
10402
101
100
98
98
572613
5655
151
142
116
110
3.78026e+06
3.80884e+06
3.81914e+06
3.81915e+06
3.81915e+06
3.81915e+06
3.24663e+06
3.81359e+06
3.81911e+06
3.81911e+06
3.81913e+06
3.81914e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

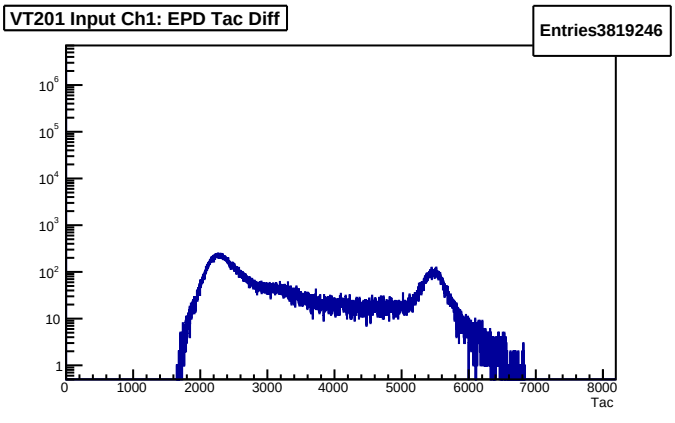

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unus

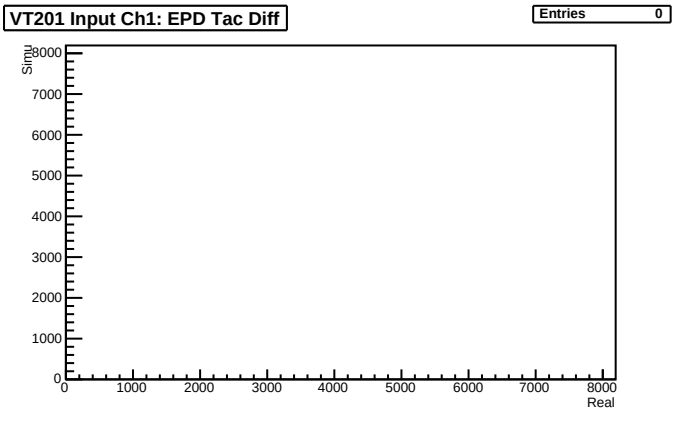

VT201 Input Ch0: BBC Small Tac Diff
Entries3819246
Tac

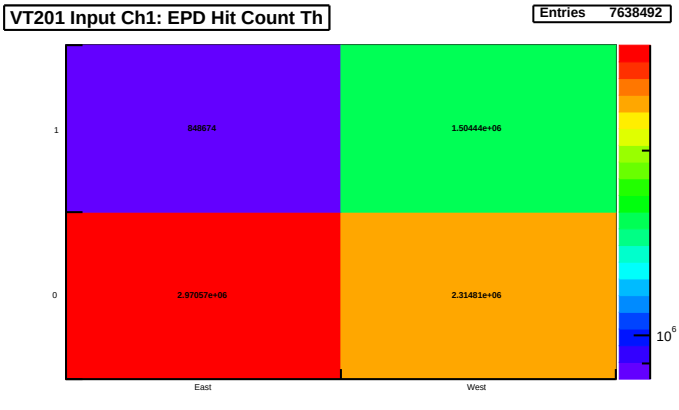

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

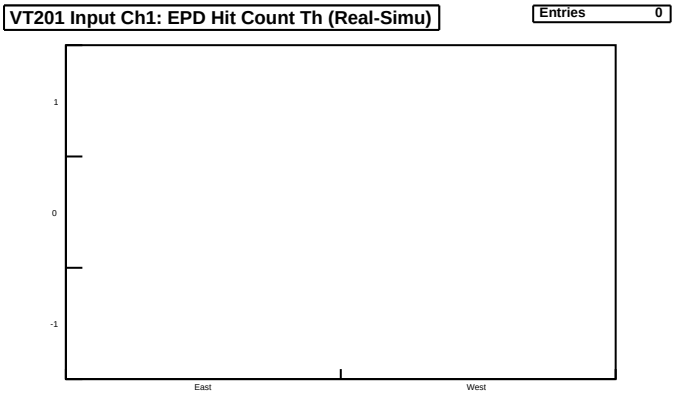

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7638492
1.27206e+06
1.1133e+06
2.54718e+06
2.70594e+06
East
West

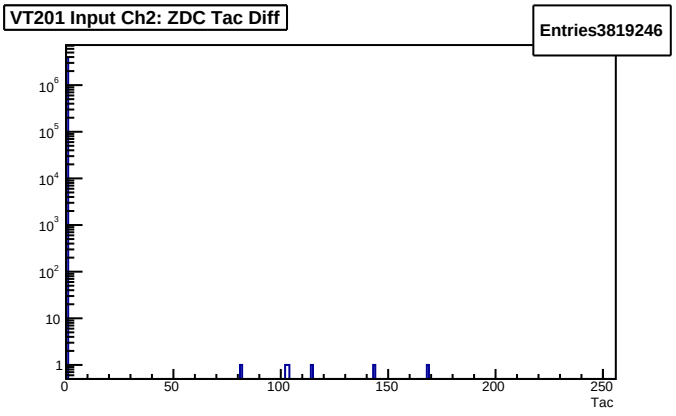

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

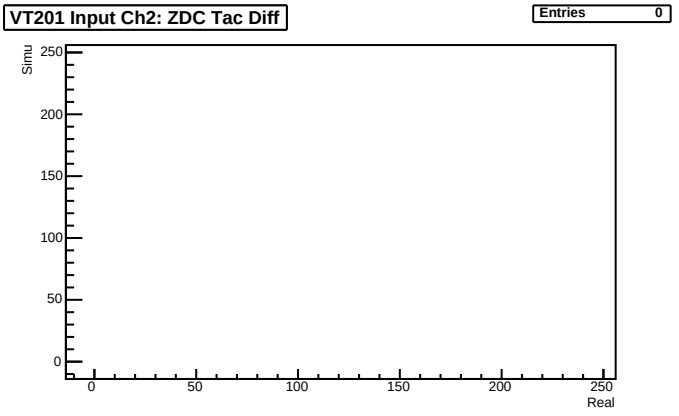

VT201 Input Ch1: EPD Tac Diff
Entries3819246
Tac

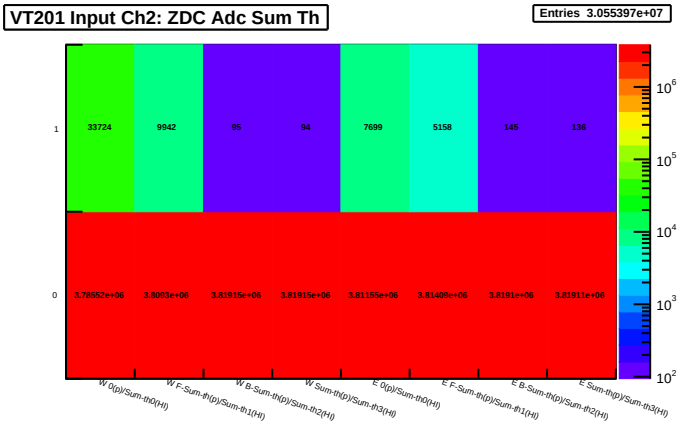

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

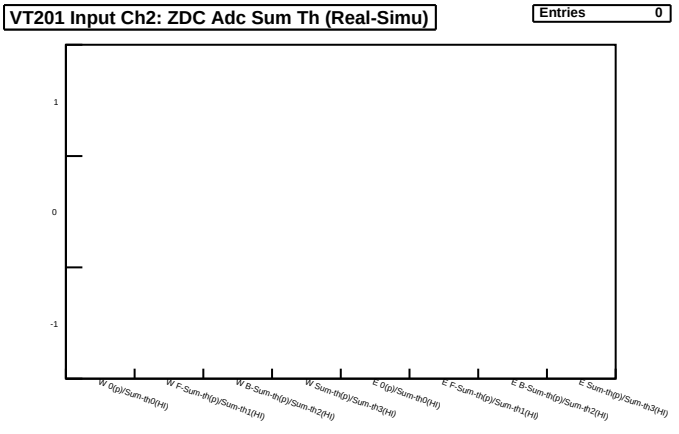

VT201 Input Ch1: EPD Hit Count Th
Entries 7638492
848674
1.50444e+06
2.97057e+06
2.31481e+06
East
West

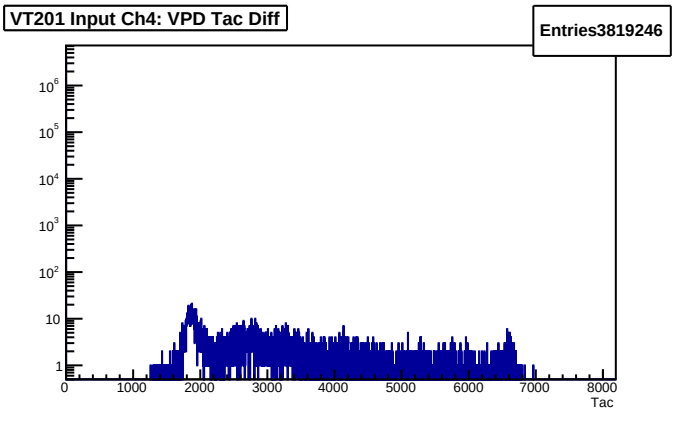

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

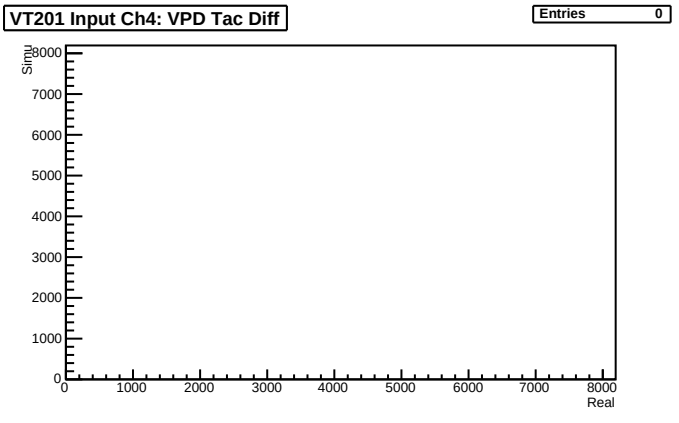

VT201 Input Ch2: ZDC Tac Diff
Entries3819246
Tac

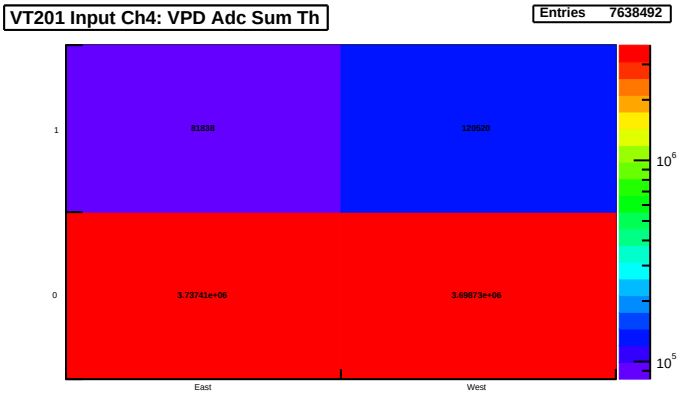

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

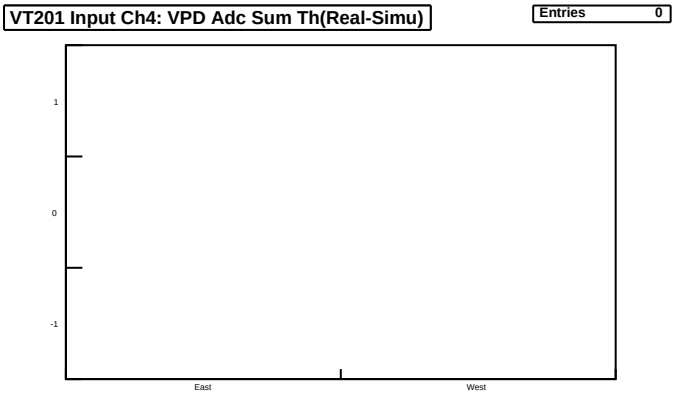

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3.055397e+07
33724
9942
95
94
7699
5158
145
136
3.78552e+06
3.8093e+06
3.81915e+06
3.81915e+06
3.81155e+06
3.81409e+06
3.8191e+06
3.81911e+06
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

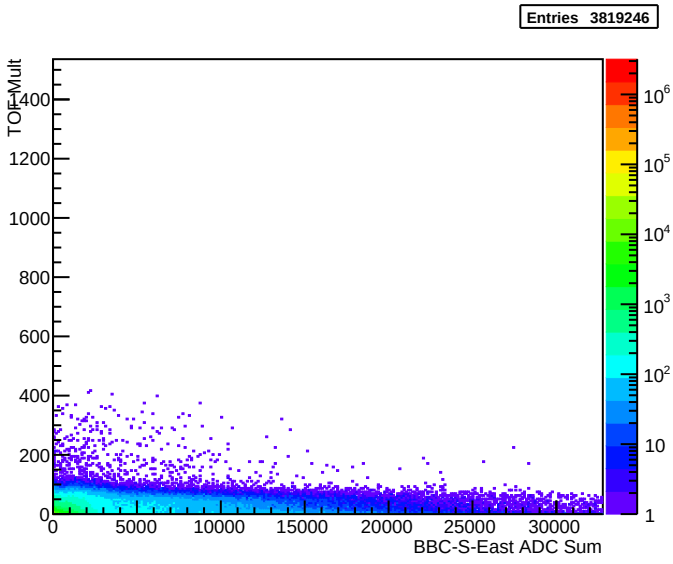

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

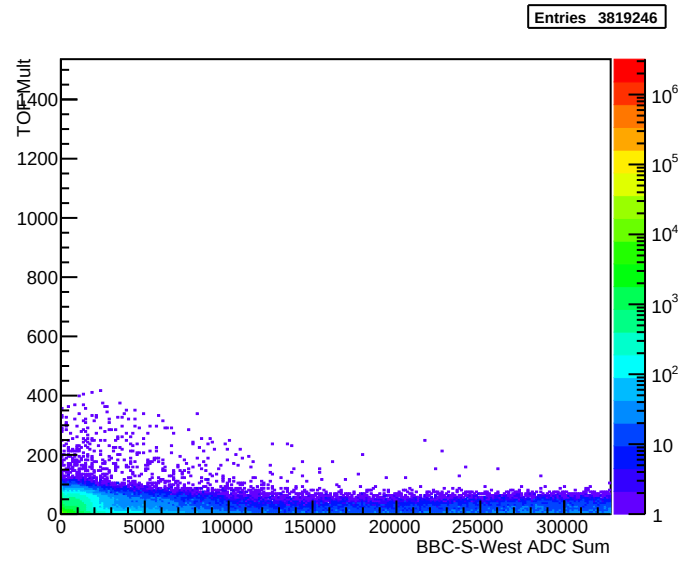

VT201 Input Ch4: VPD Tac Diff
Entries3819246
Tac

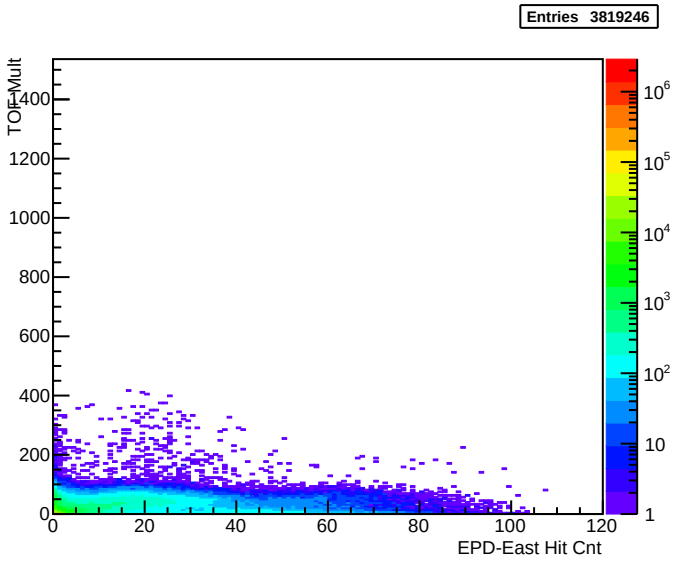

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

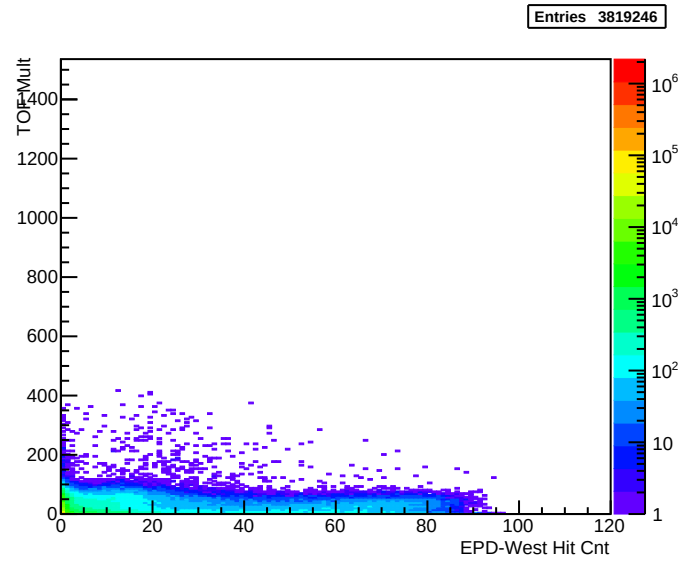

VT201 Input Ch4: VPD Adc Sum Th
Entries 7638492
81838
120520
3.73741e+06
3.69873e+06
East
West

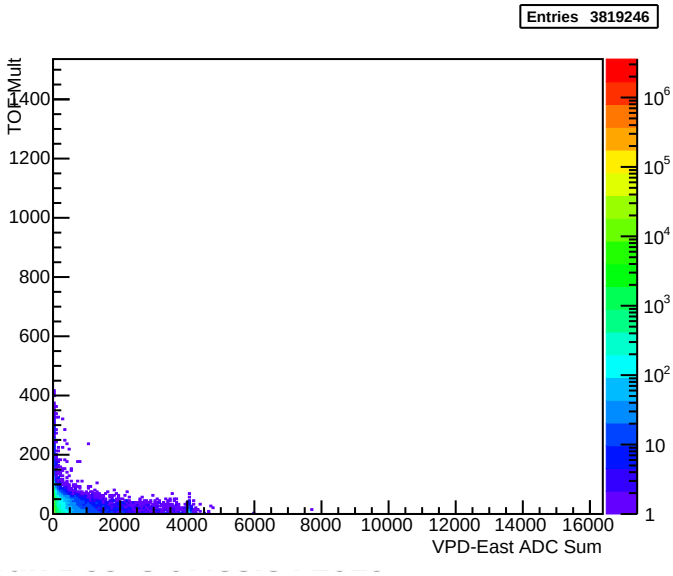

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

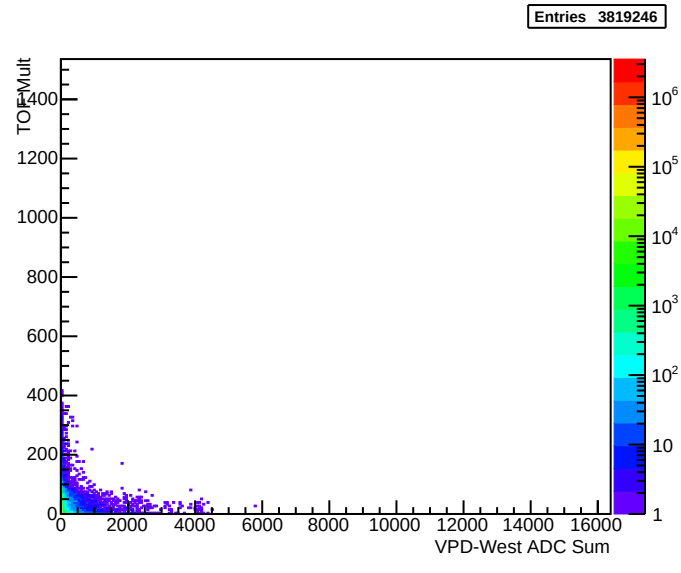

Entries 3819246
TOF-Mult
BBC-S-East ADC Sum

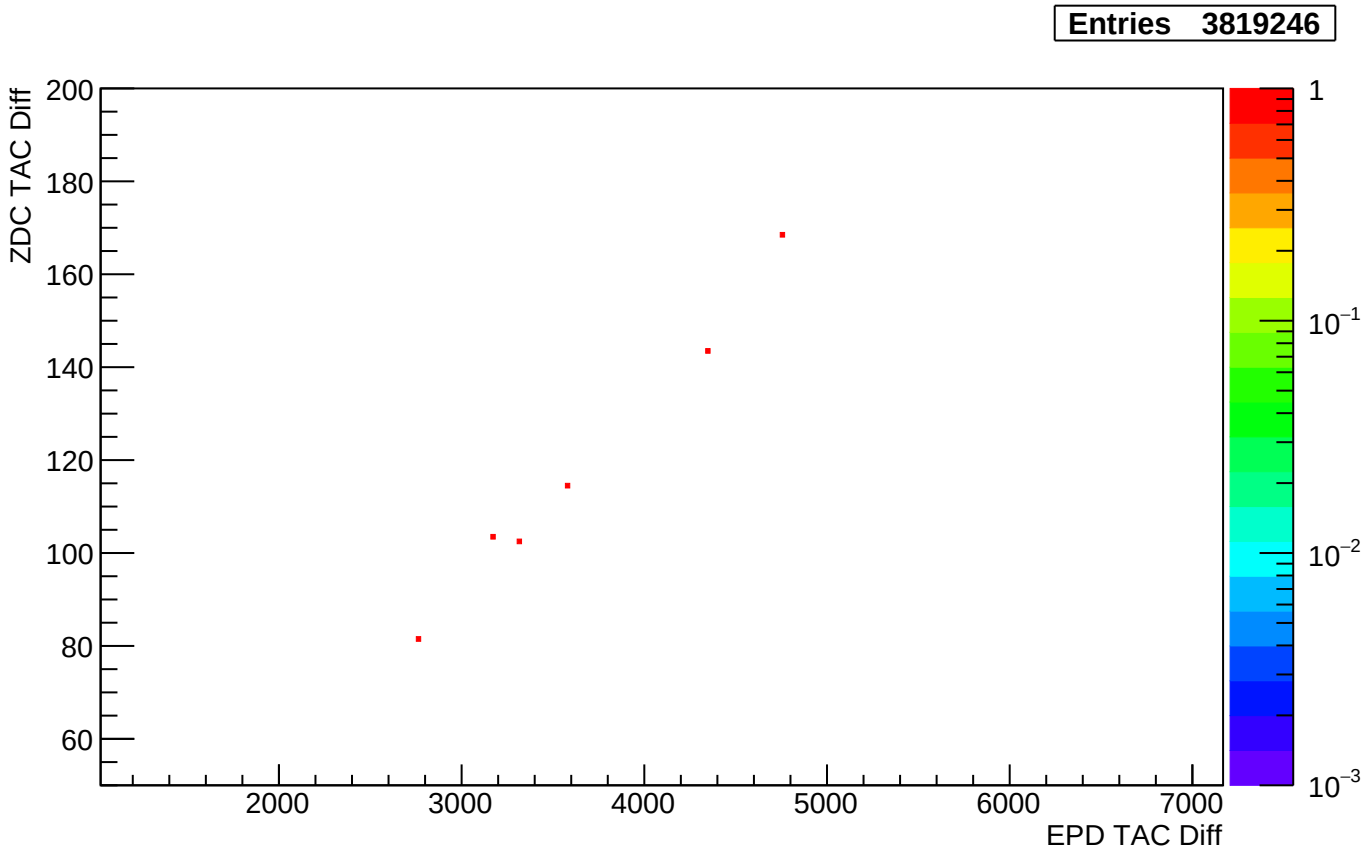

Entries 3819246
TOF-Mult
BBC-S-West ADC Sum

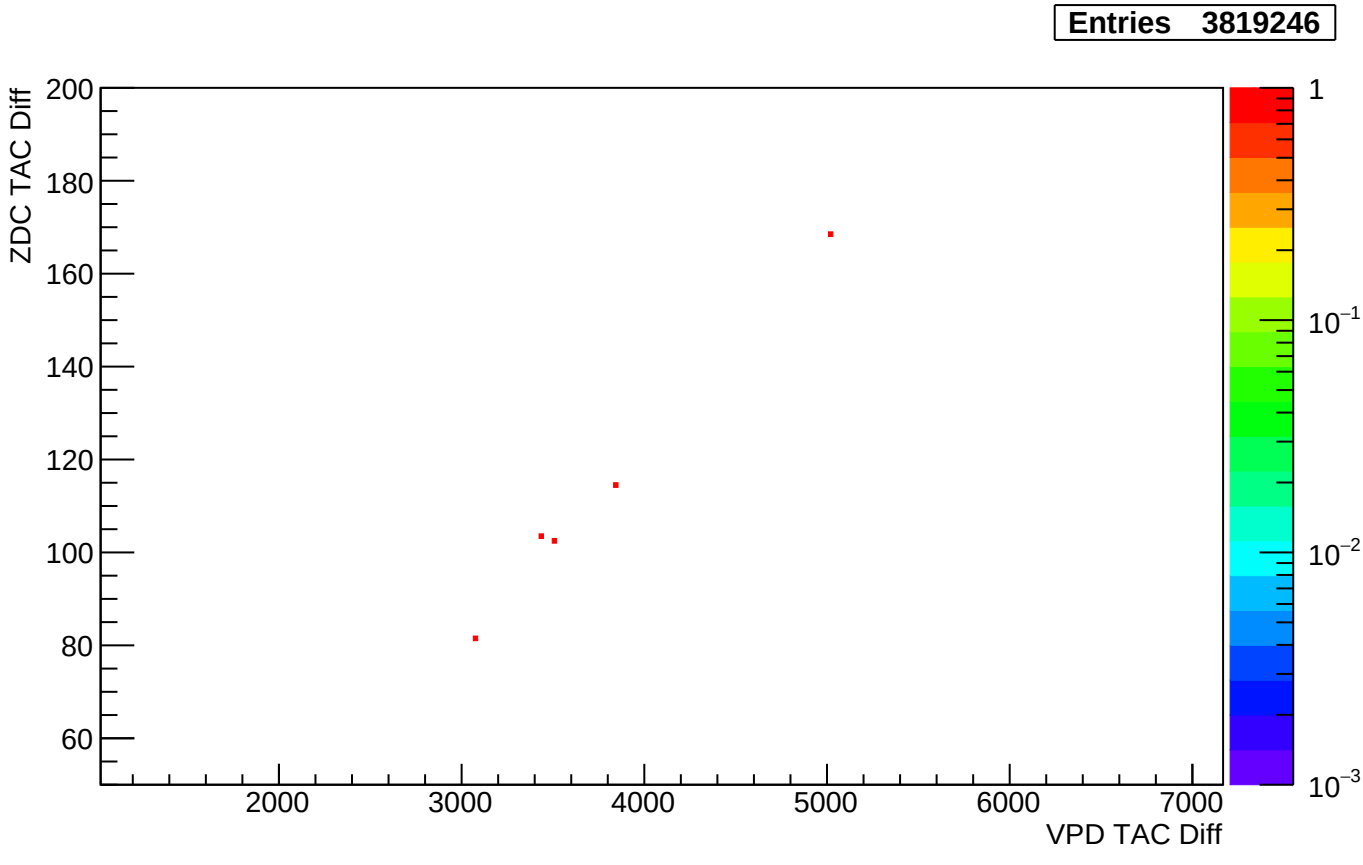

Entries 3819246
TOF-Mult
EPD-East Hit Cnt

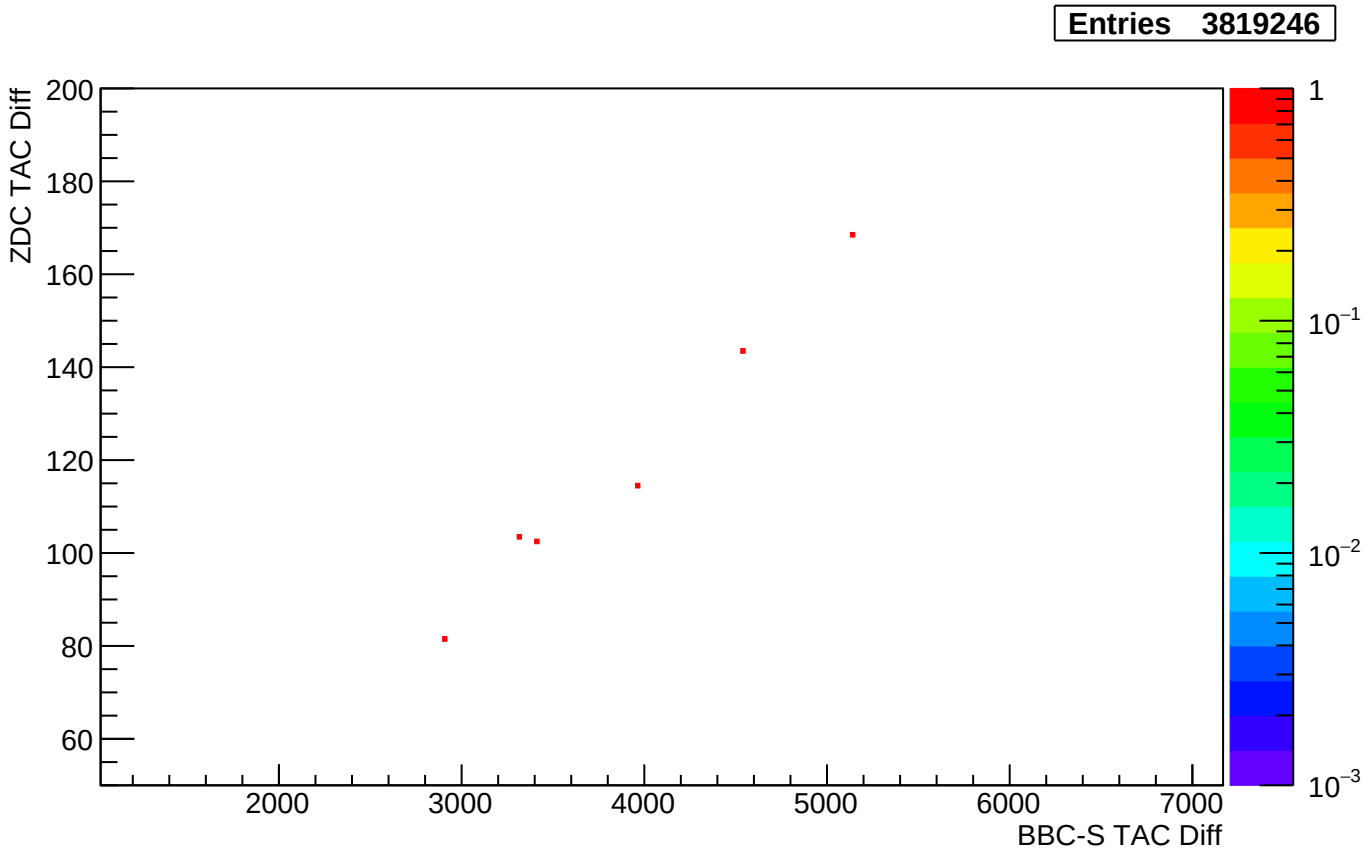

Entries 3819246
TOF-Mult
EPD-West Hit Cnt

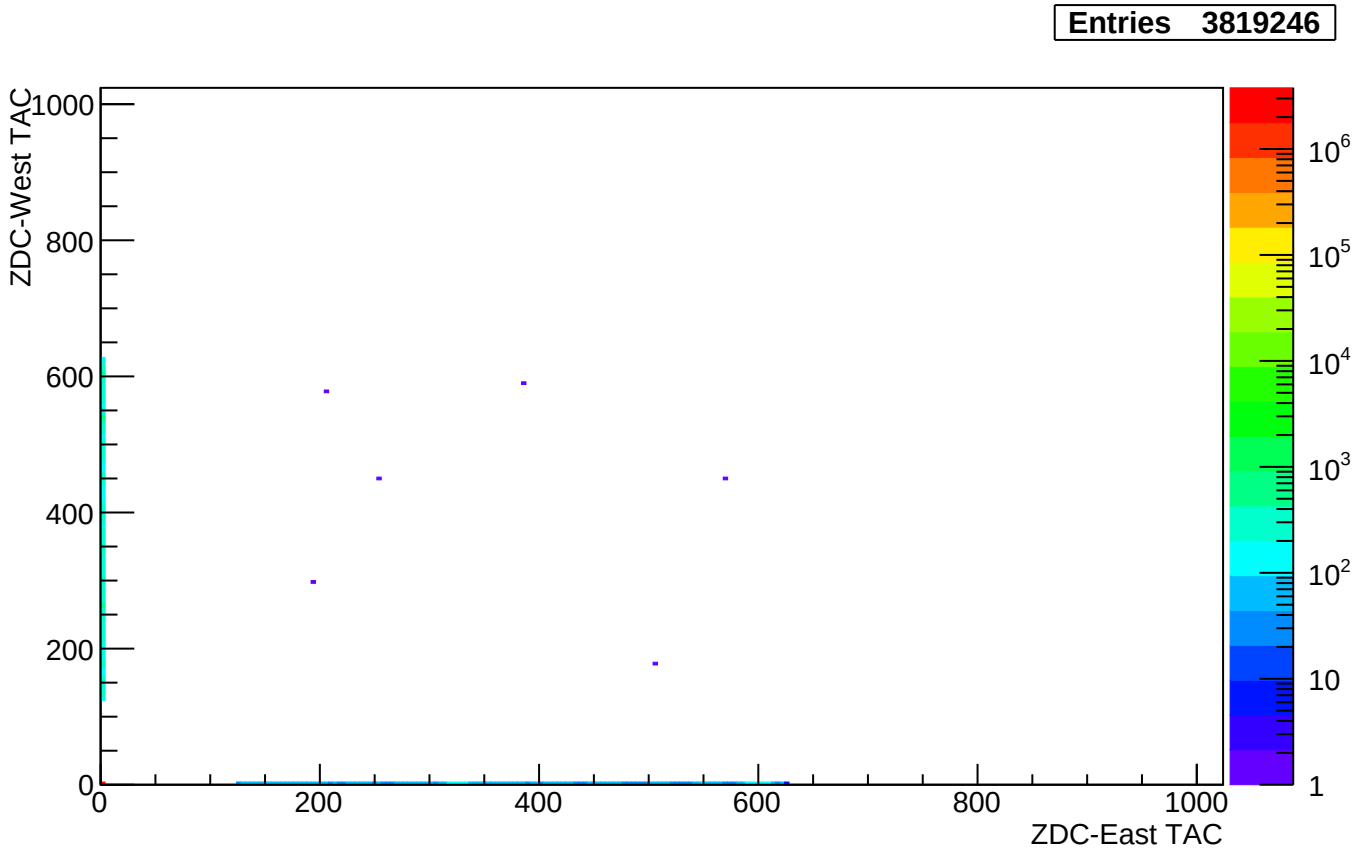

Entries 3819246
TOF-Mult
VPD-East ADC Sum

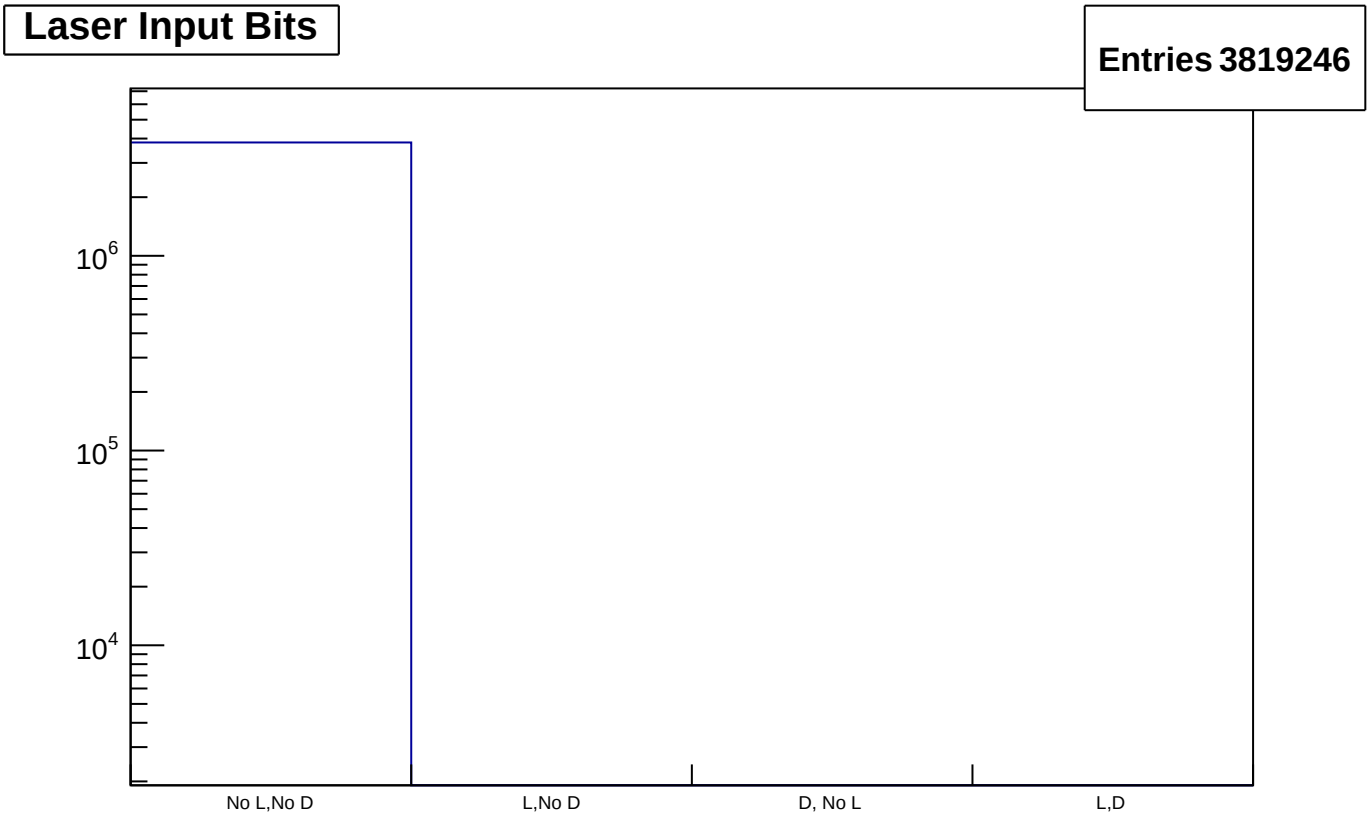

Entries 3819246
TOF-Mult
VPD-West ADC Sum

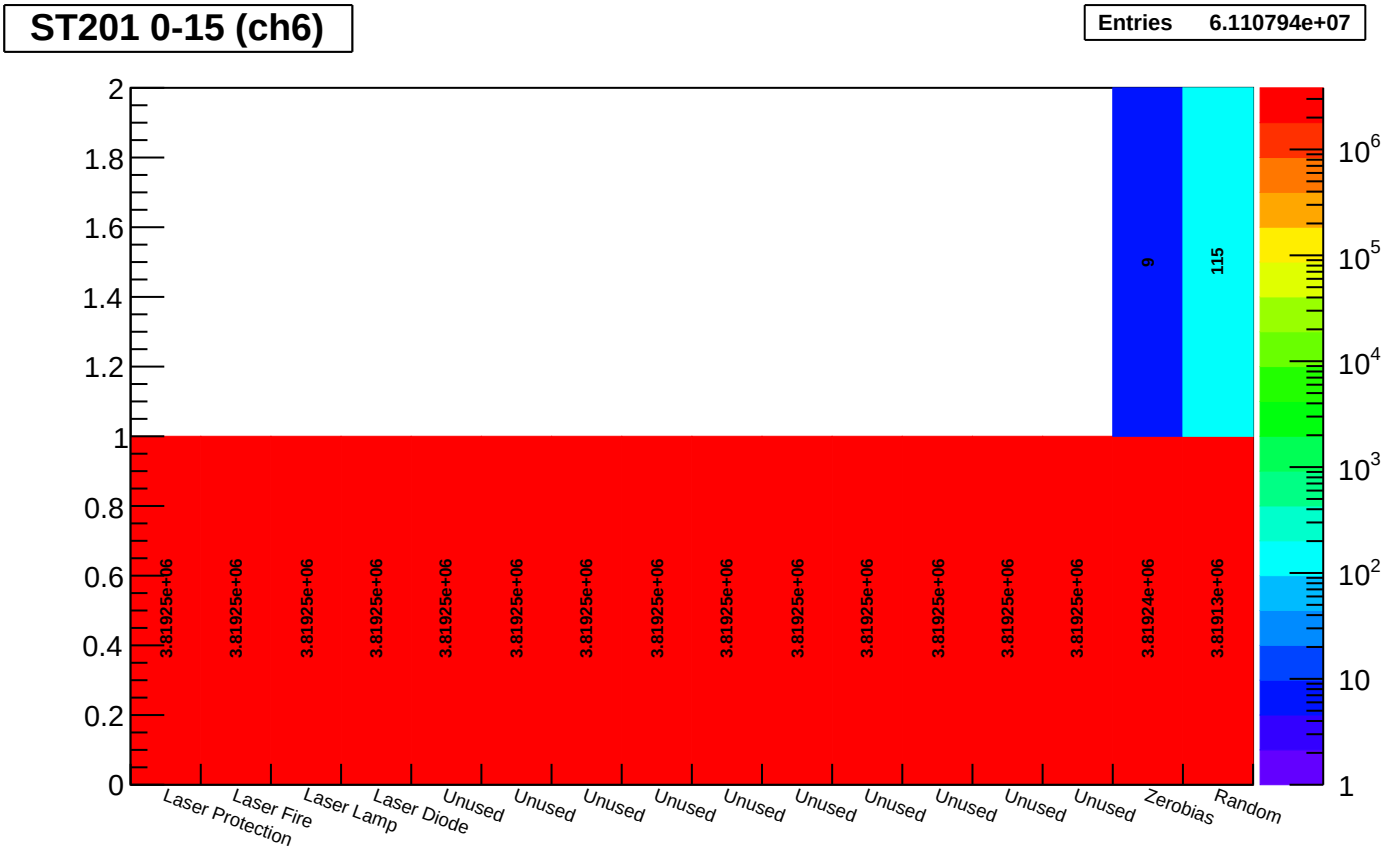

Entries 3819246
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}


Entries 3819246
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}
10^{-3}


Entries 3819246
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}
10^{-3}


Entries 3819246
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^6
10^5
10^4
10^3
10^2
10
1


Laser Input Bits
Entries 3819246
10^6
10^5
10^4
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 6.110794e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3.81925e+06
3.81925e+06
3.81925e+06
3.81925e+06
3.81925e+06
3.81925e+06
3.81925e+06
3.81925e+06
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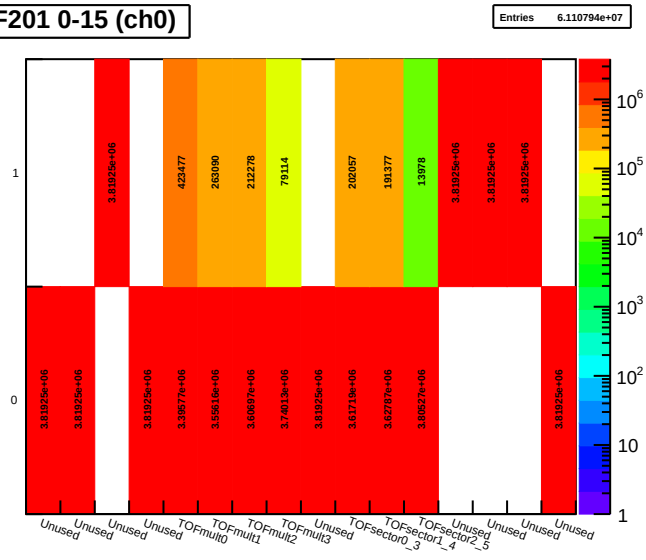
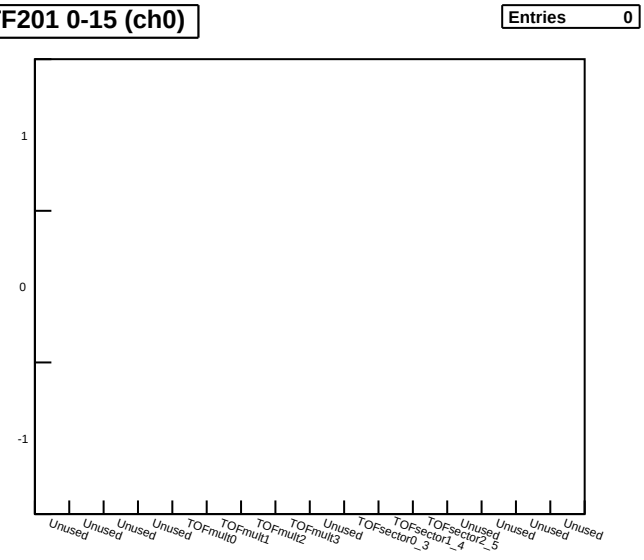
3.81925e+06
3.81925e+06
3.81924e+06
3.81913e+06
9
115
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^6
10^5
10^4
10^3
10^2
10
1

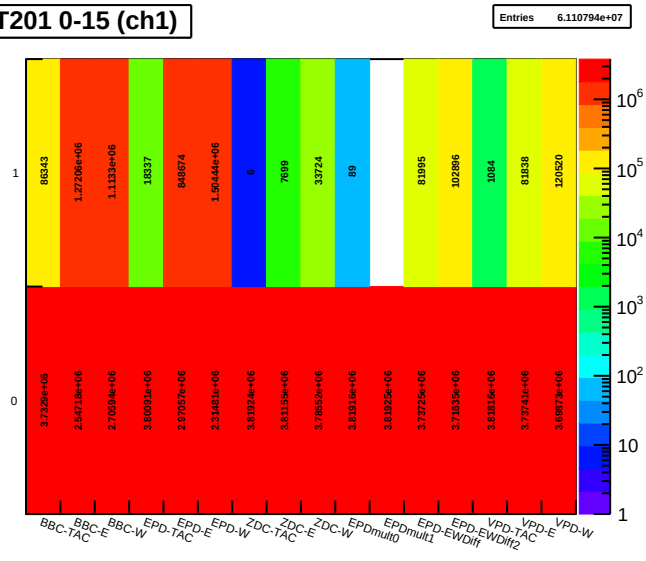
TF201 0-15 (ch0)



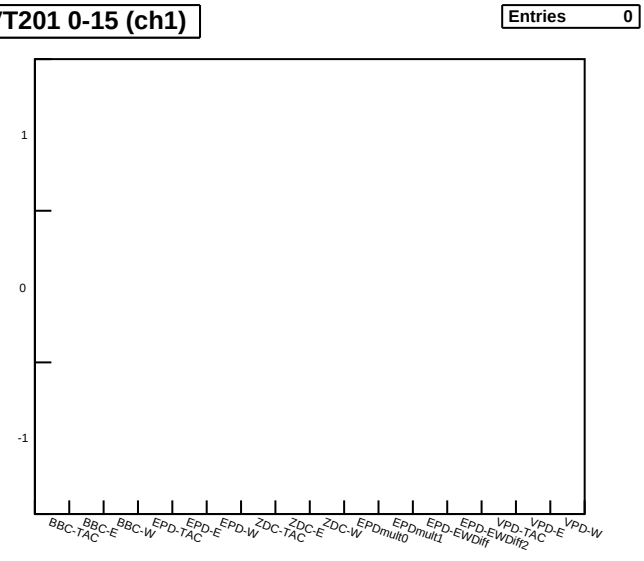
TF201 0-15 (ch0)



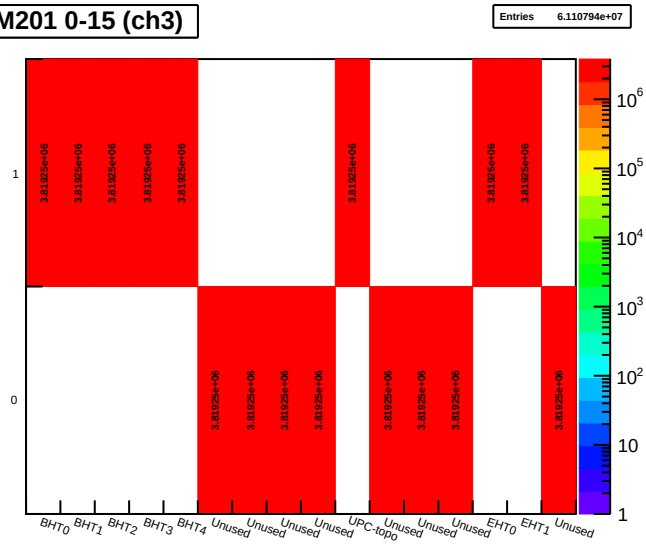
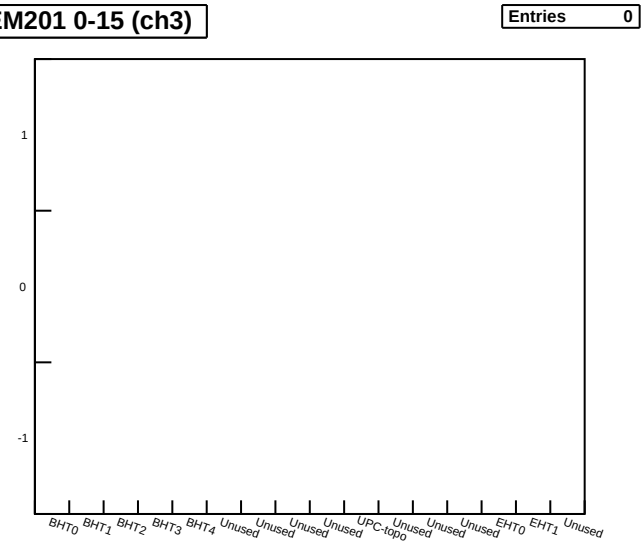
VT201 0-15 (ch1)



VT201 0-15 (ch1)



EM201 0-15 (ch3)



EM201 0-15 (ch3)