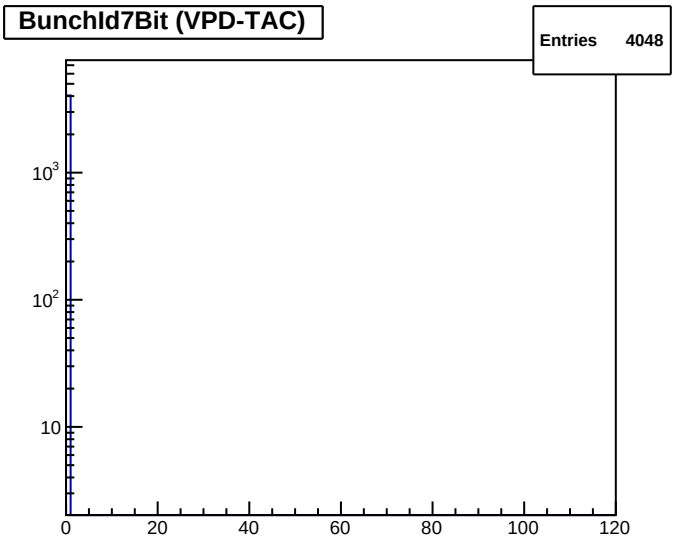
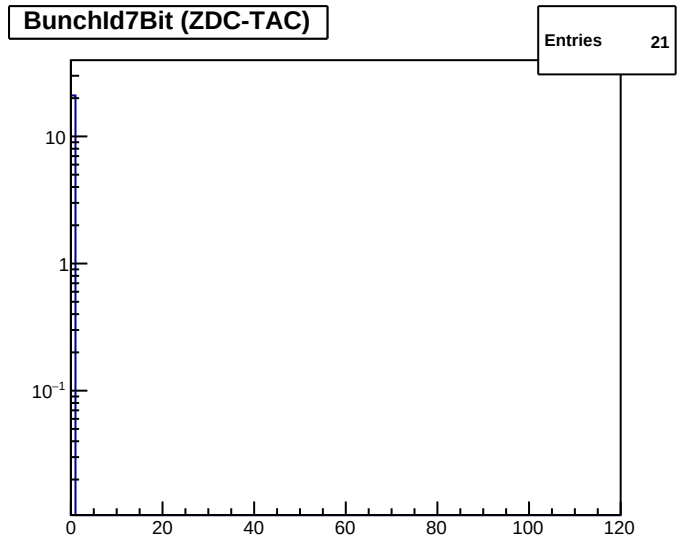
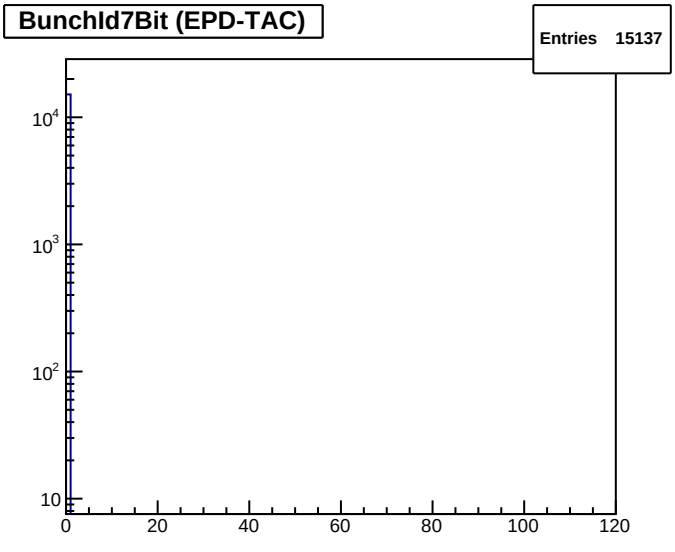
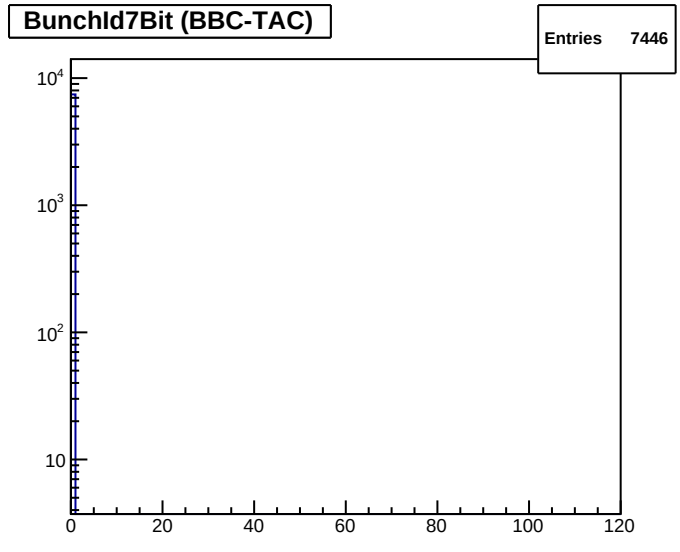
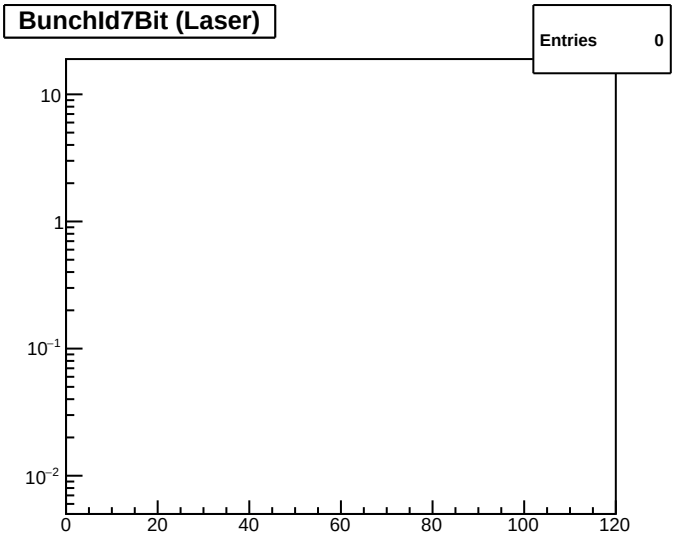
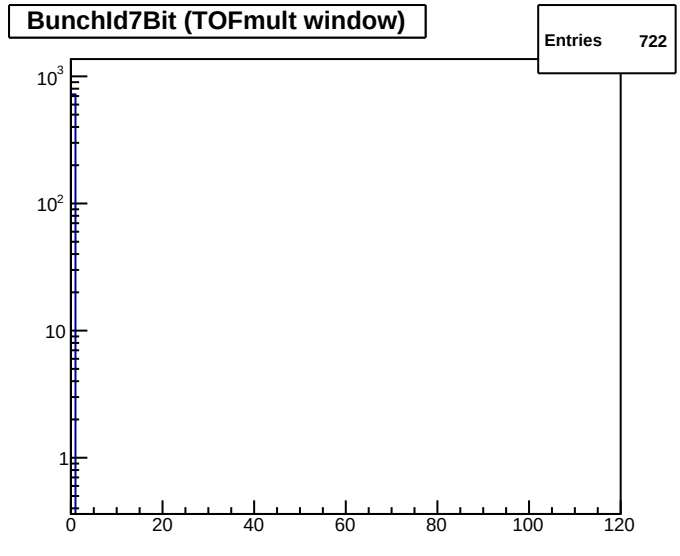

BunchId7Bit (VPD-TAC)
Entries 4048
10^3
10^2
10
0 20 40 60 80 100 120

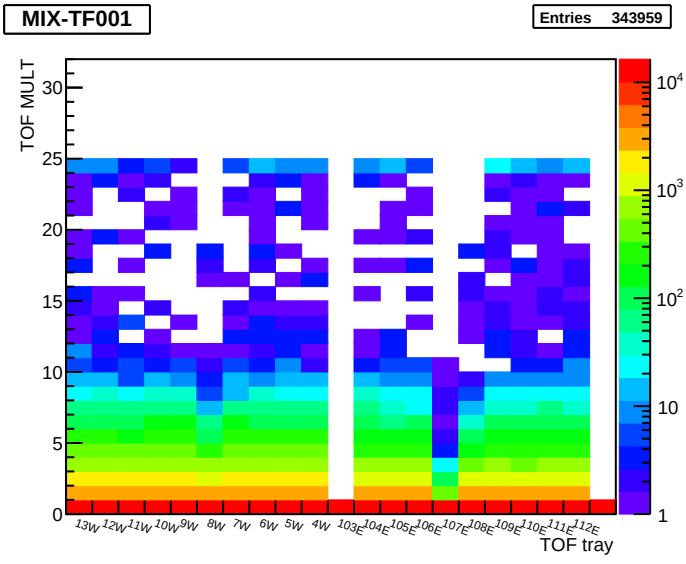

BunchId7Bit (ZDC-TAC)
Entries 21
10
1
10^{-1}
0 20 40 60 80 100 120

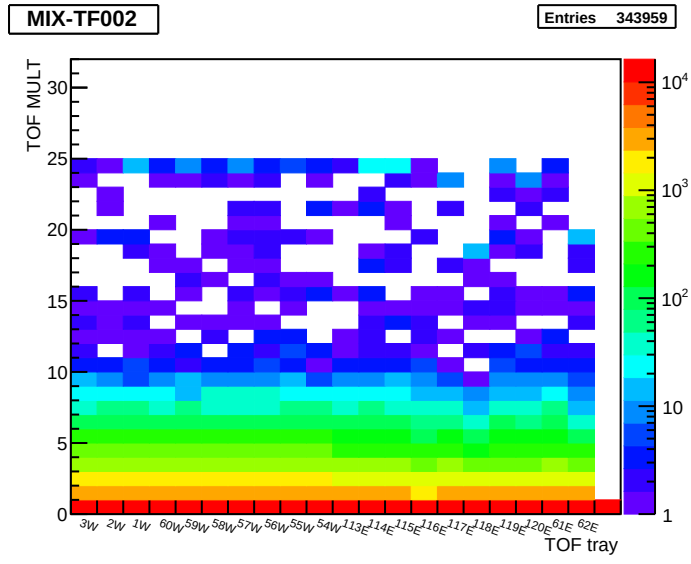

BunchId7Bit (EPD-TAC)
Entries 15137
10^4
10^3
10^2
10
0 20 40 60 80 100 120

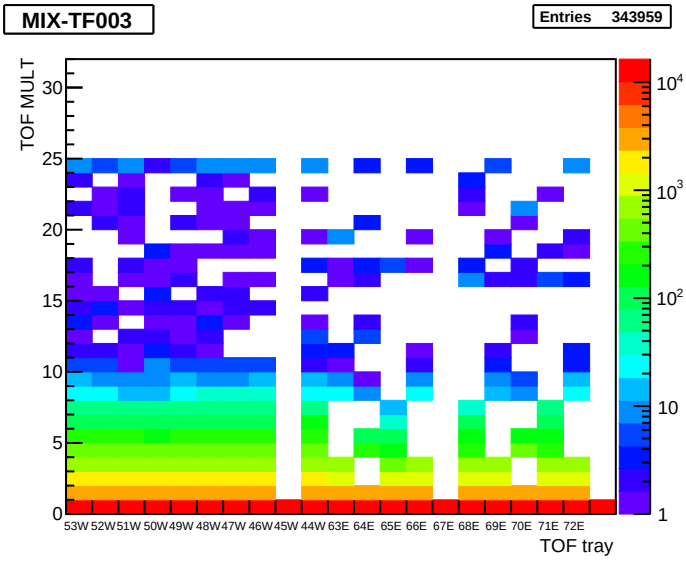

BunchId7Bit (BBC-TAC)
Entries 7446
10^4
10^3
10^2
10
0 20 40 60 80 100 120

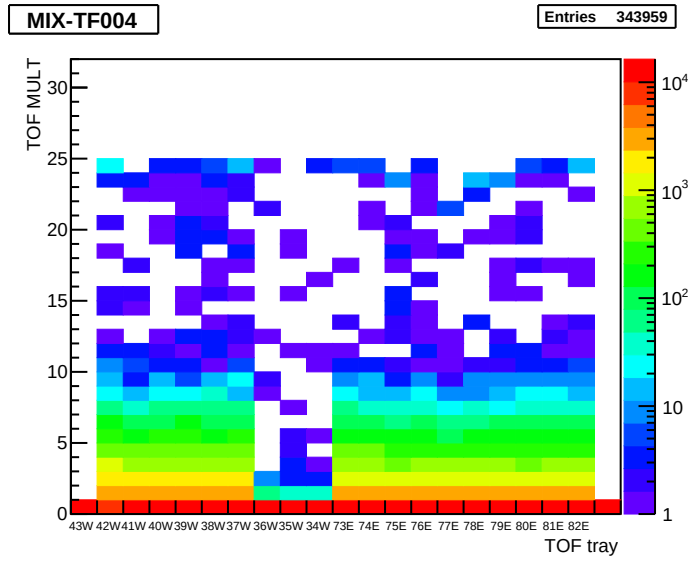

BunchId7Bit (Laser)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

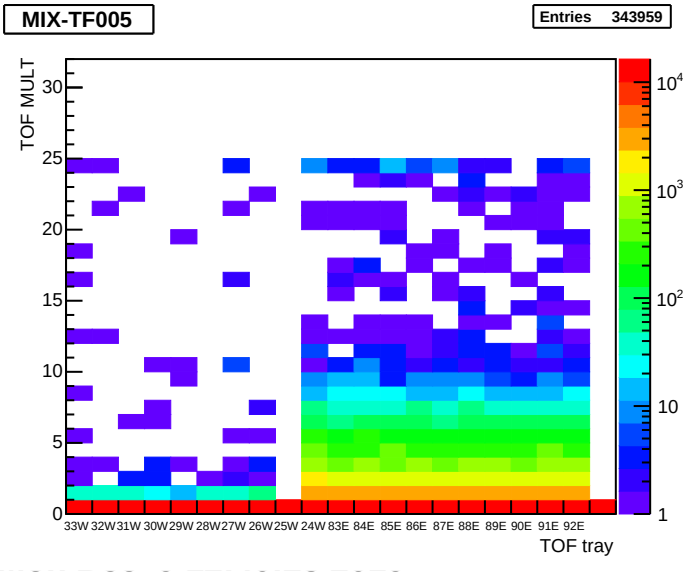

BunchId7Bit (TOFmult window)
Entries 722
10^3
10^2
10
1
0 20 40 60 80 100 120

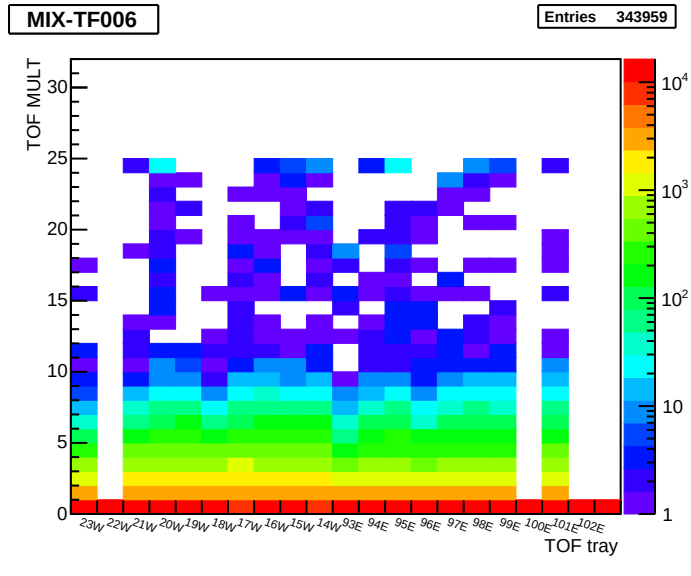

MIX-TF001
Entries 343959
TOF MULT
TOF tray

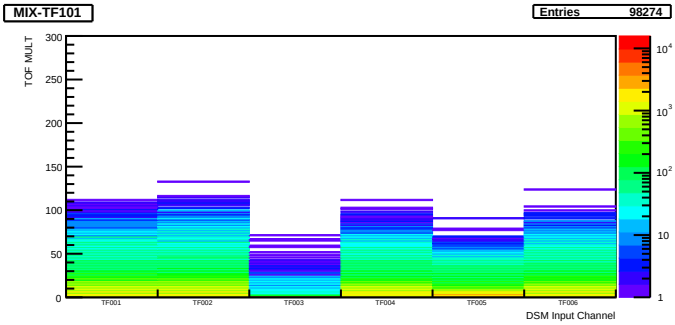

MIX-TF002
Entries 343959
TOF MULT
TOF tray

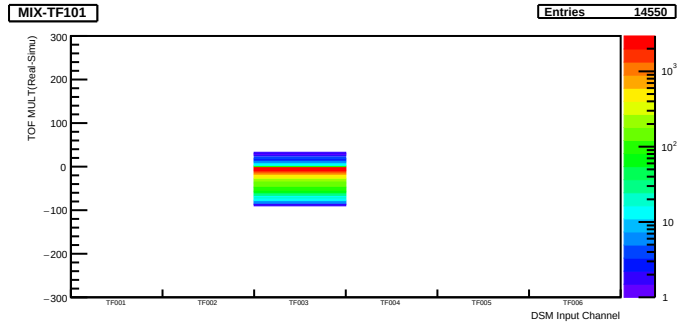

MIX-TF003
Entries 343959
TOF MULT
TOF tray

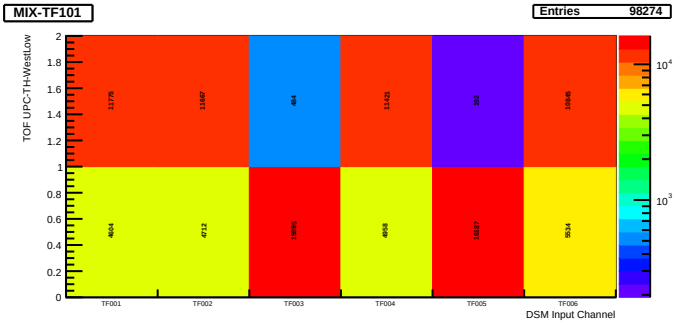

MIX-TF004
Entries 343959
TOF MULT
TOF tray

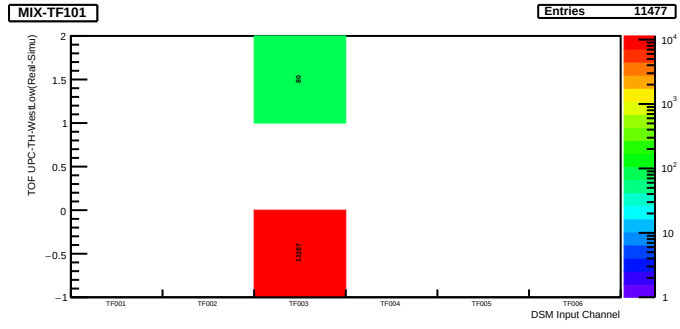

MIX-TF005
Entries 343959
TOF MULT
TOF tray

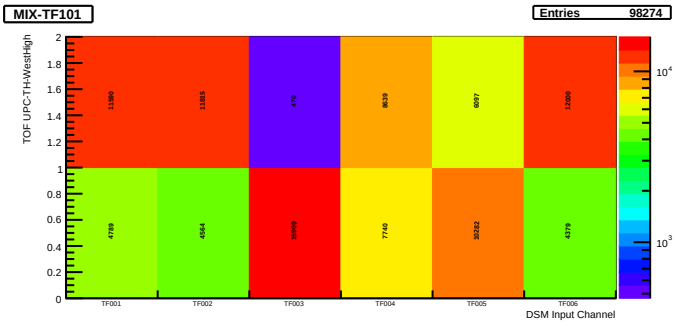

MIX-TF006
Entries 343959
TOF MULT
TOF tray

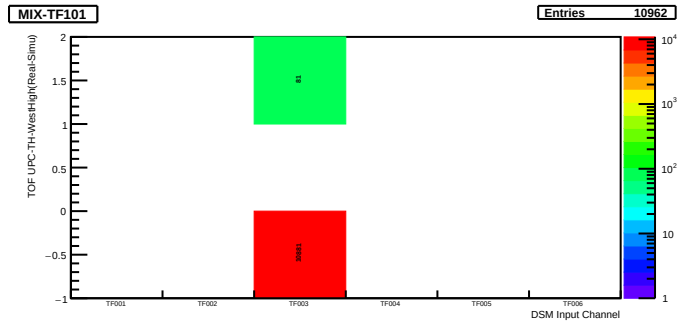

MIX-TF101
Entries 98274
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

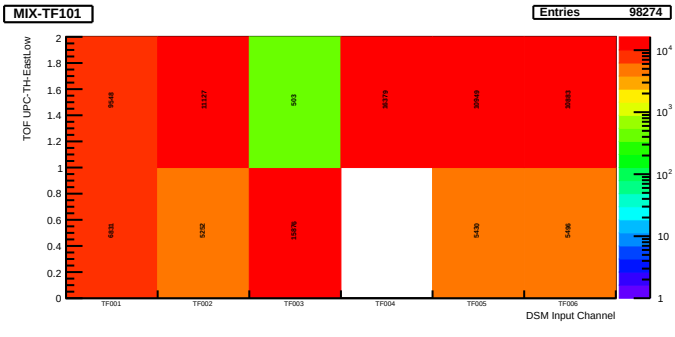

MIX-TF101
Entries 14550
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

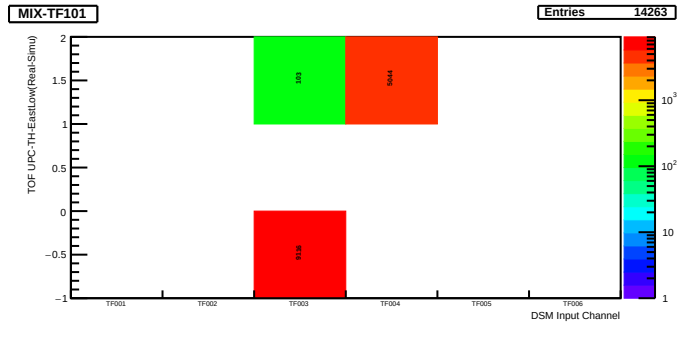

MIX-TF101
Entries 98274
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

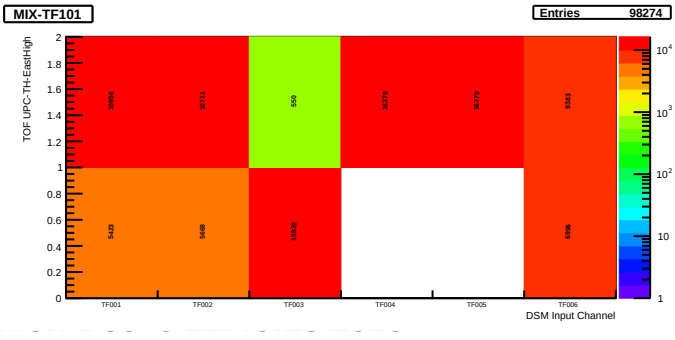

MIX-TF101
Entries 11477
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

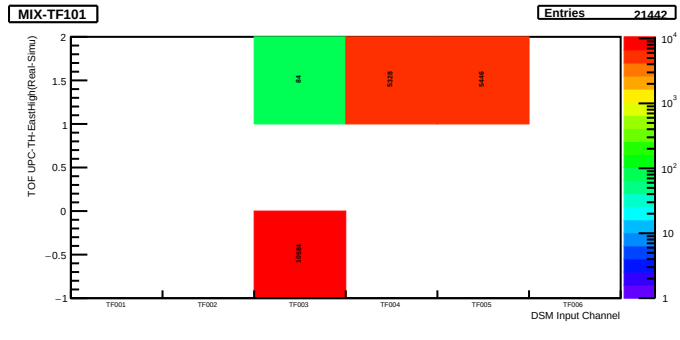

MIX-TF101
Entries 98274
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

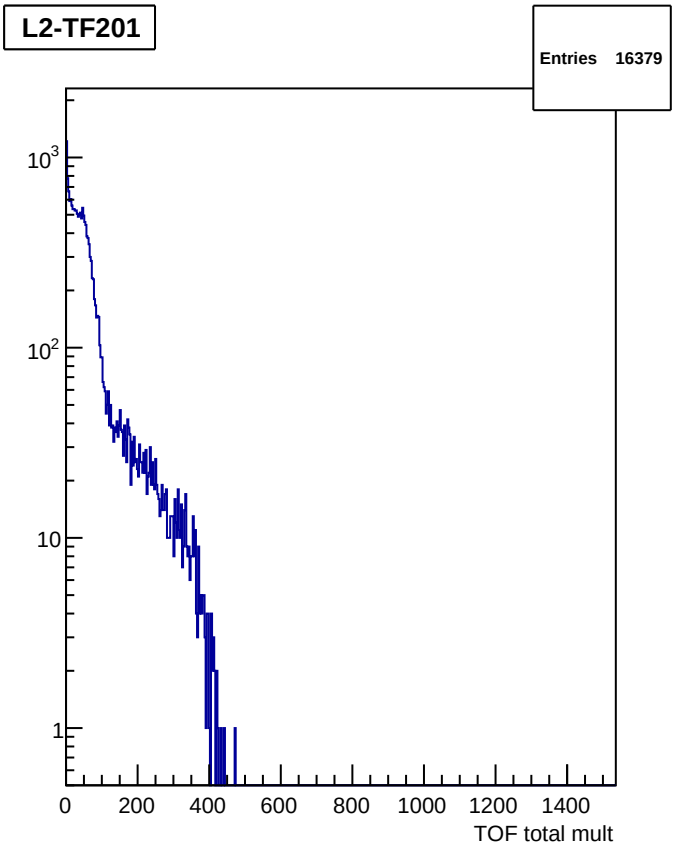

MIX-TF101
Entries 10962
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

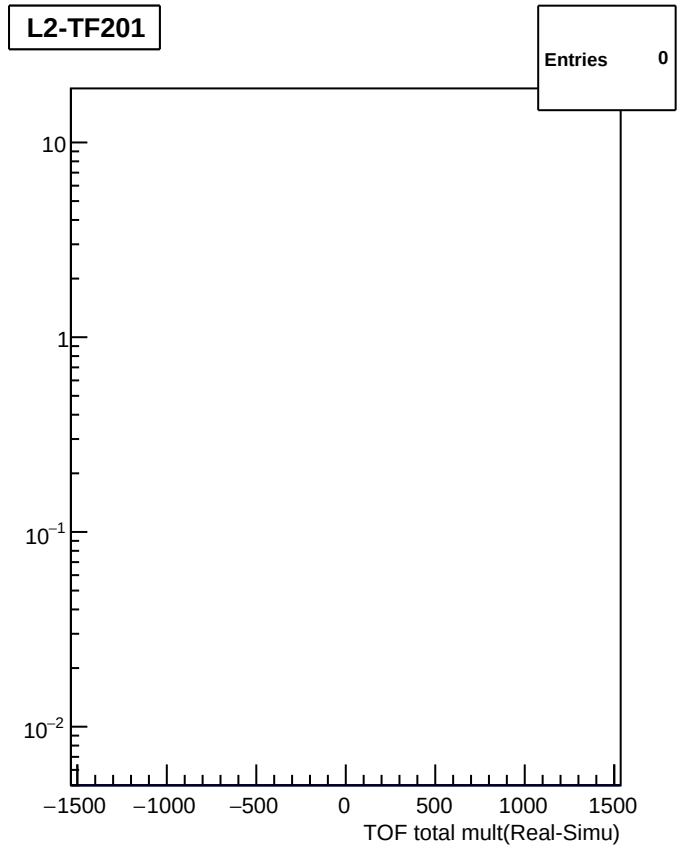

MIX-TF101
Entries 98274
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

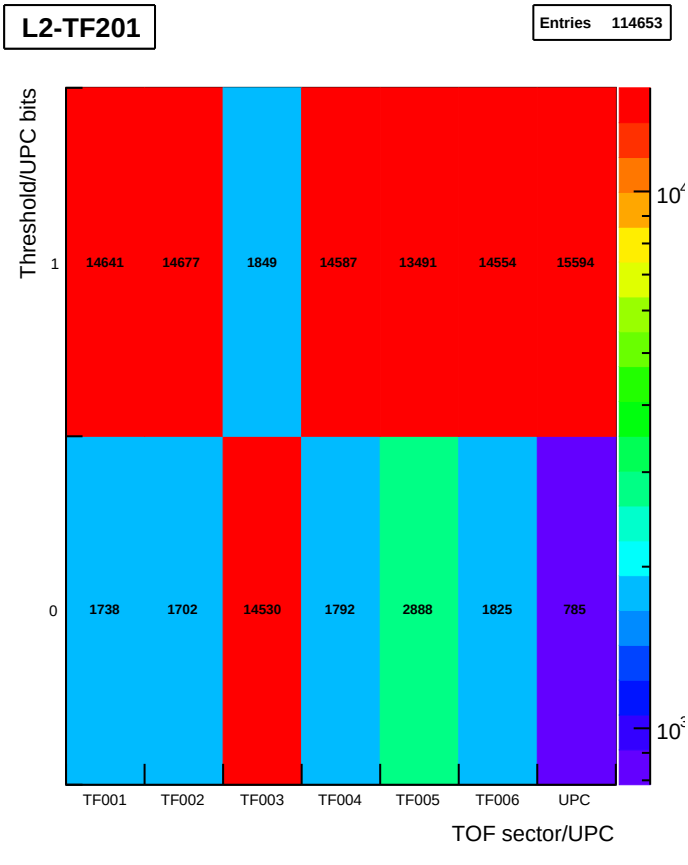

MIX-TF101
Entries 14263
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

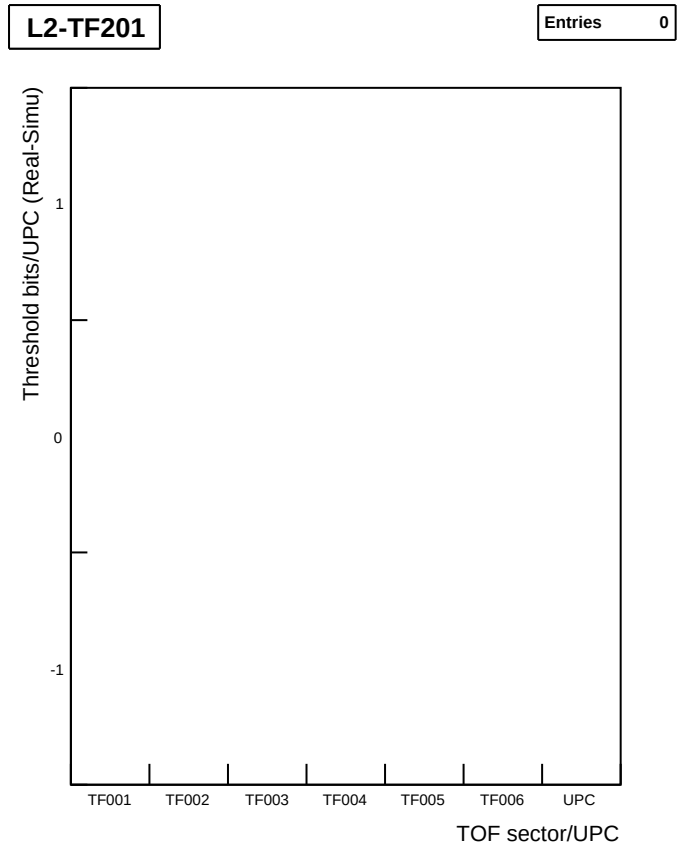

MIX-TF101
Entries 98274
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

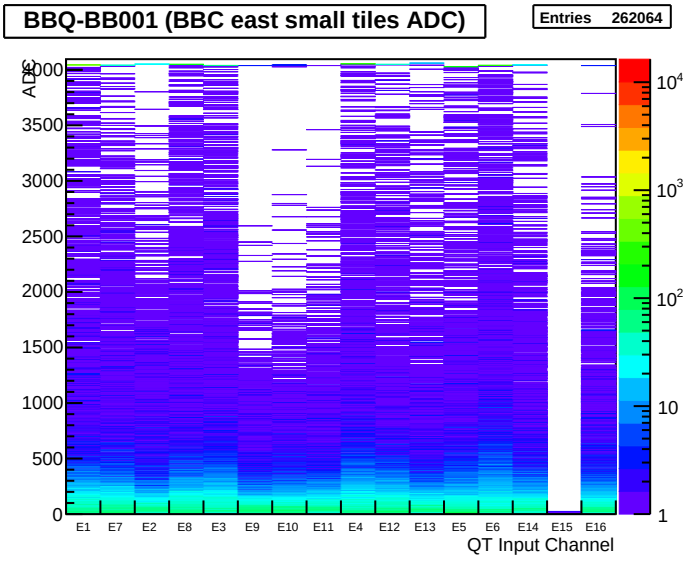

MIX-TF101
Entries 21442
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

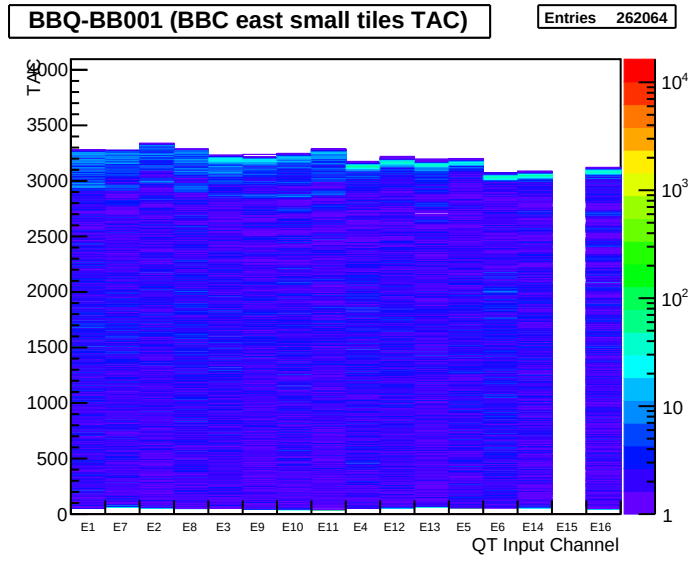

L2-TF201
Entries 16379
TOF total mult

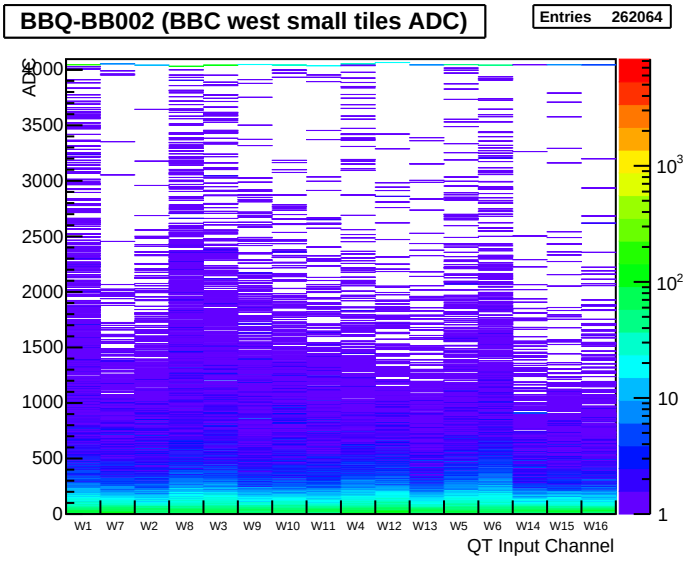

L2-TF201
Entries 0
TOF total mult(Real-Simu)

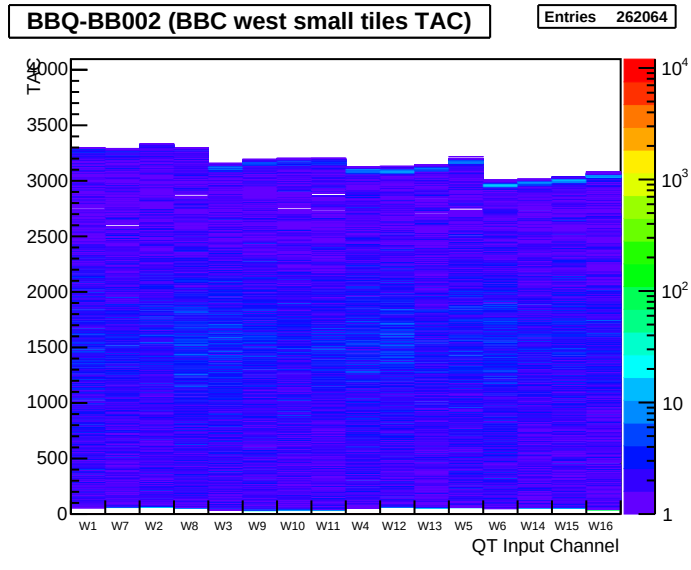

L2-TF201
Entries 114653
Threshold/UPC bits
14641
14677
1849
14587
13491
14554
15594
1738
1702
14530
1792
2888
1825
785
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

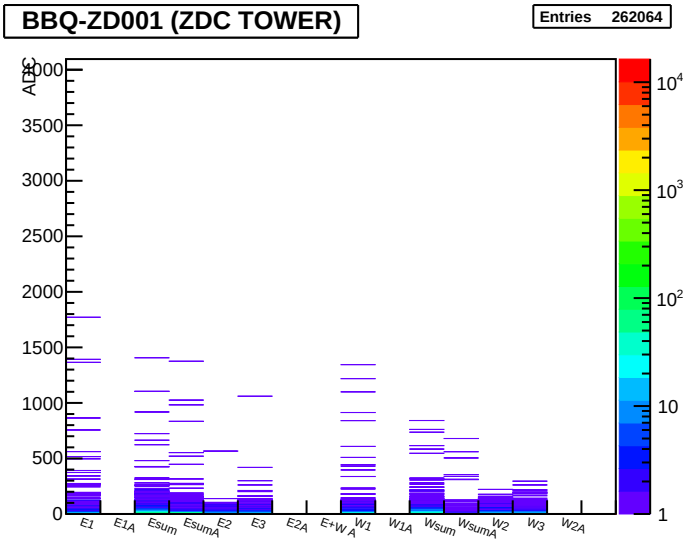

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

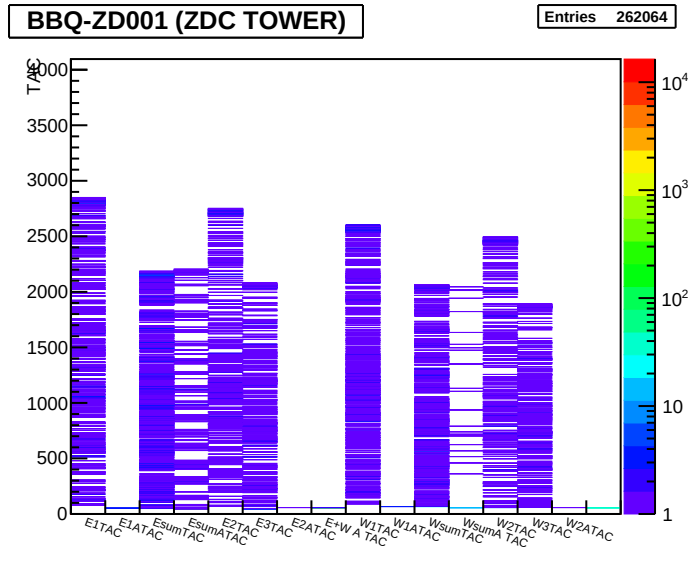

BBQ-BB001 (BBC east small tiles ADC)
Entries 262064
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

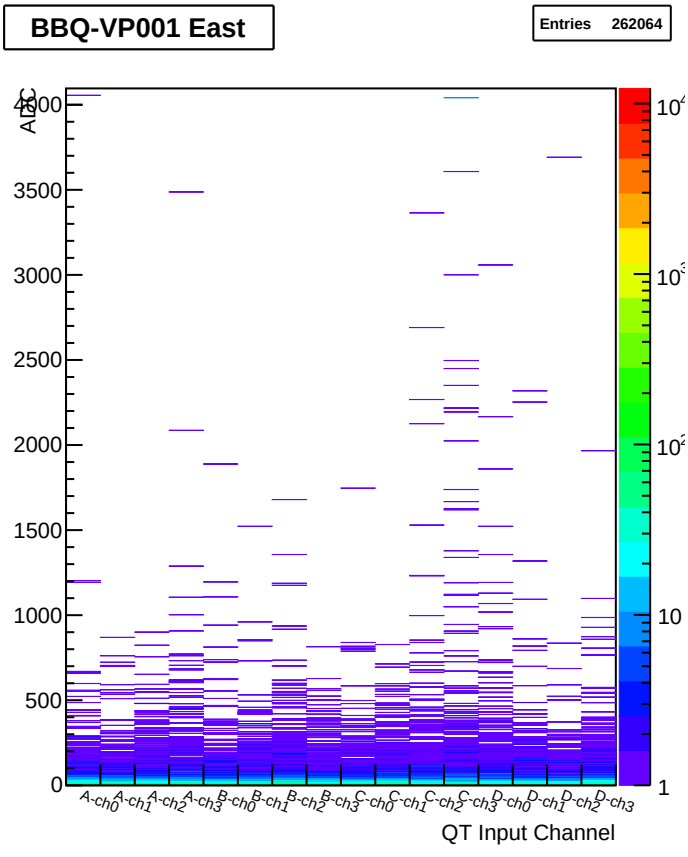

BBQ-BB001 (BBC east small tiles TAC)
Entries 262064
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

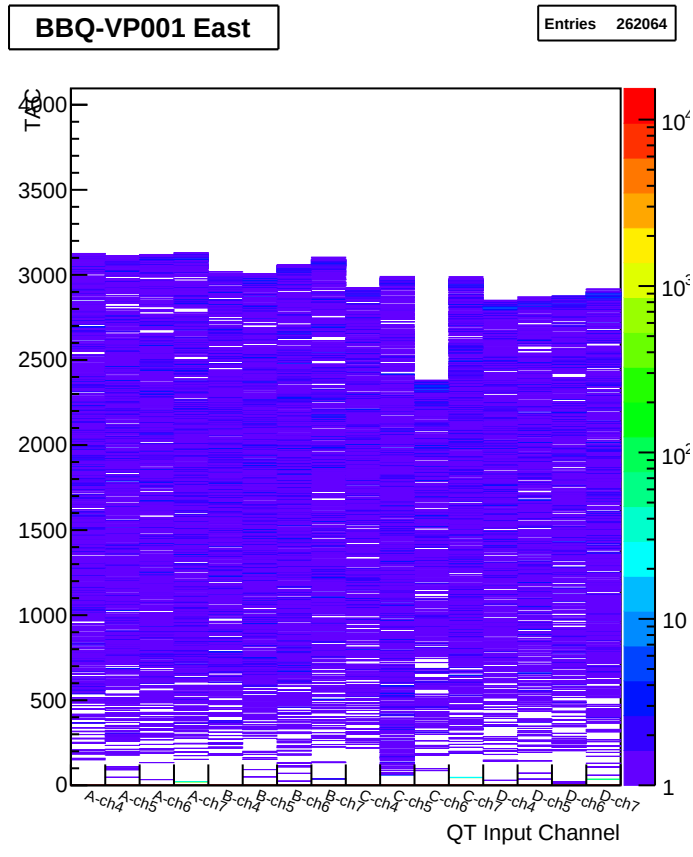

BBQ-BB002 (BBC west small tiles ADC)
Entries 262064
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

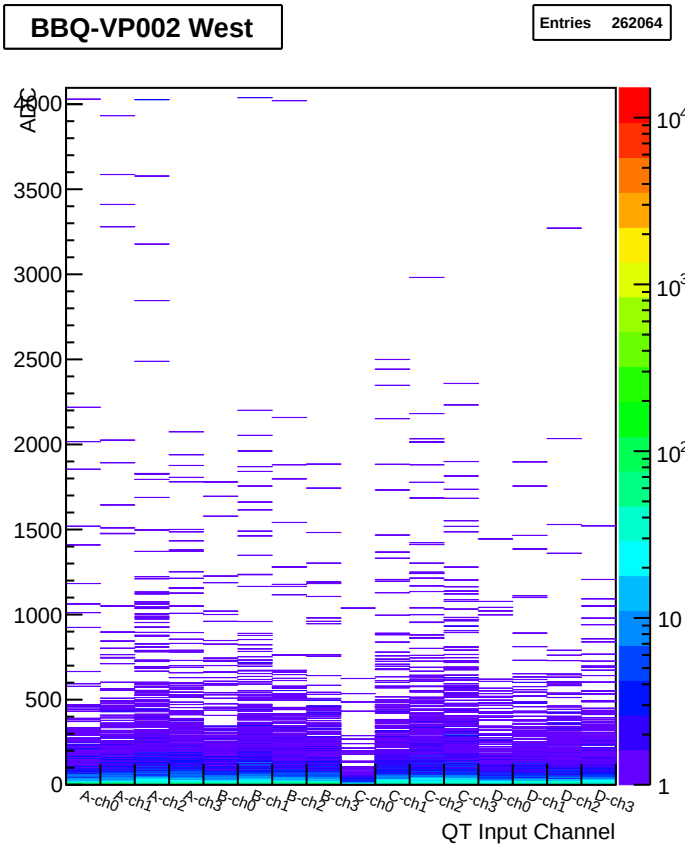

BBQ-BB002 (BBC west small tiles TAC)
Entries 262064
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

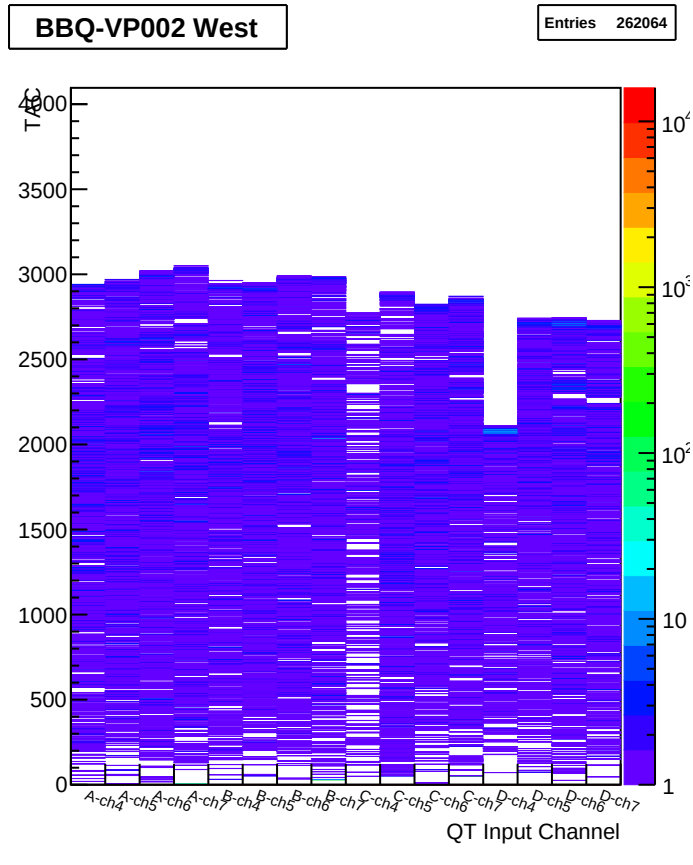

BBQ-ZD001 (ZDC TOWER)
Entries 262064
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

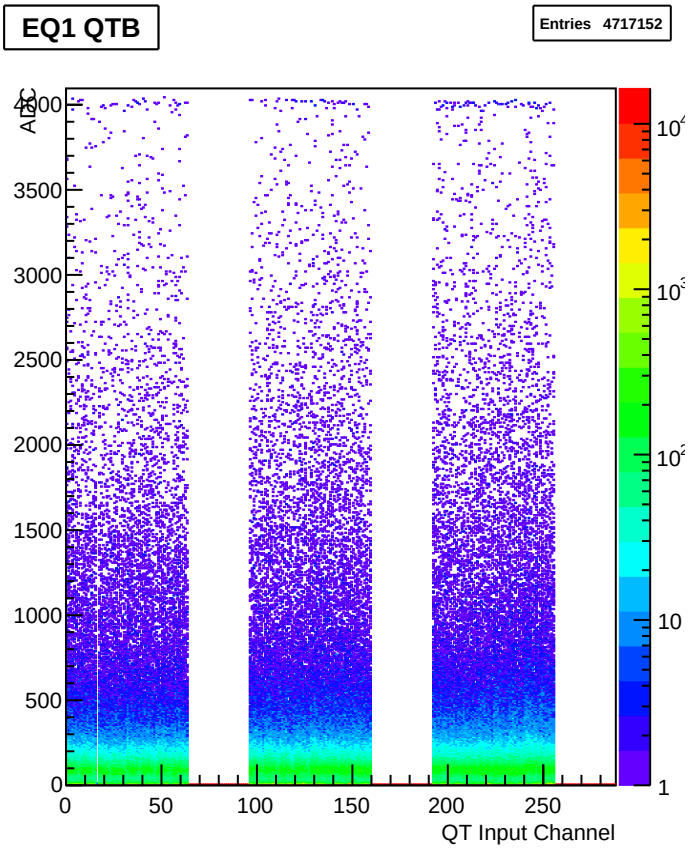

BBQ-ZD001 (ZDC TOWER)
Entries 262064
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

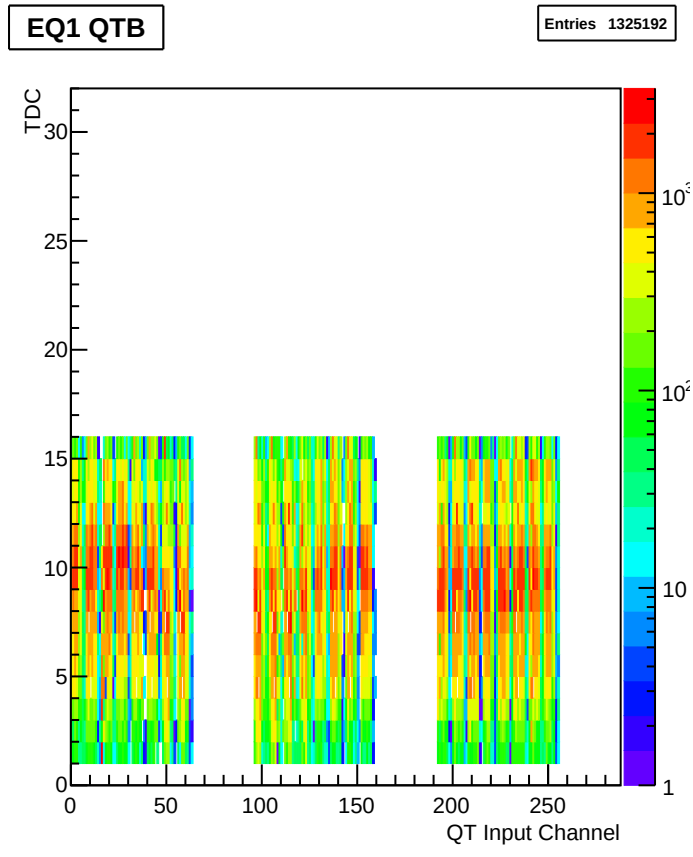

BBQ-VP001 East
Entries 262064
ADC
QT Input Channel

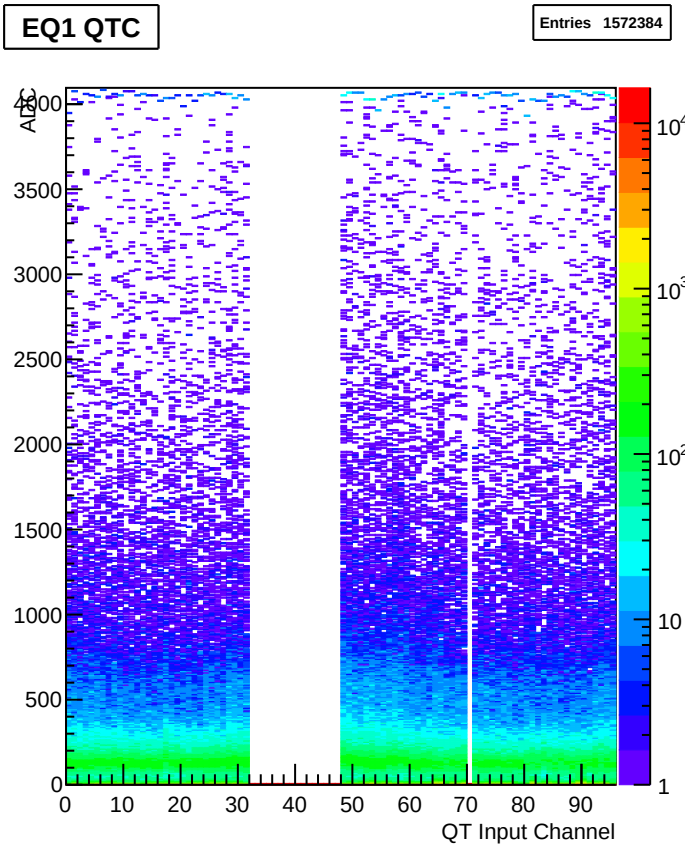

BBQ-VP001 East
Entries 262064
TAC
QT Input Channel

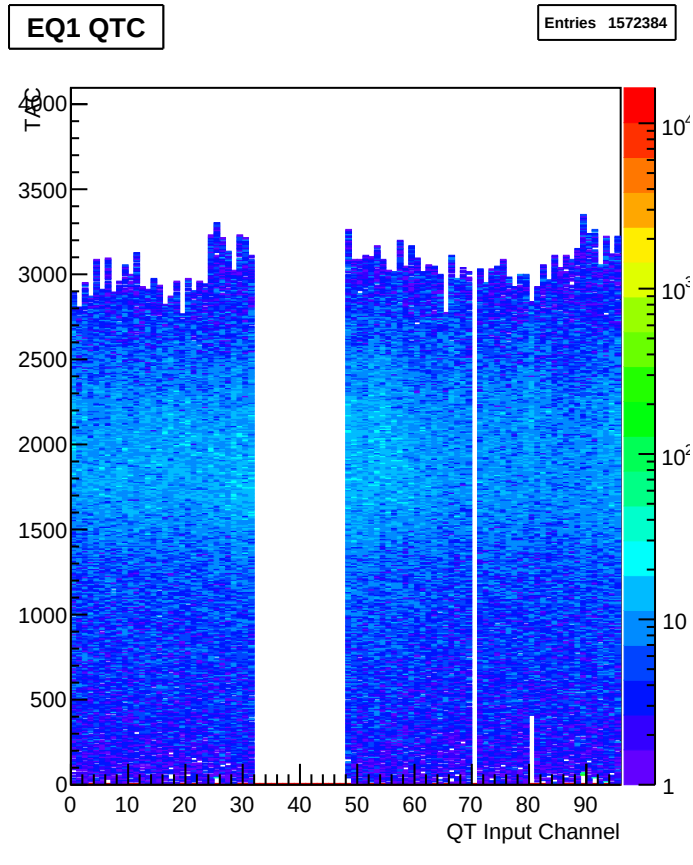

BBQ-VP002 West
Entries 262064
ADC
QT Input Channel

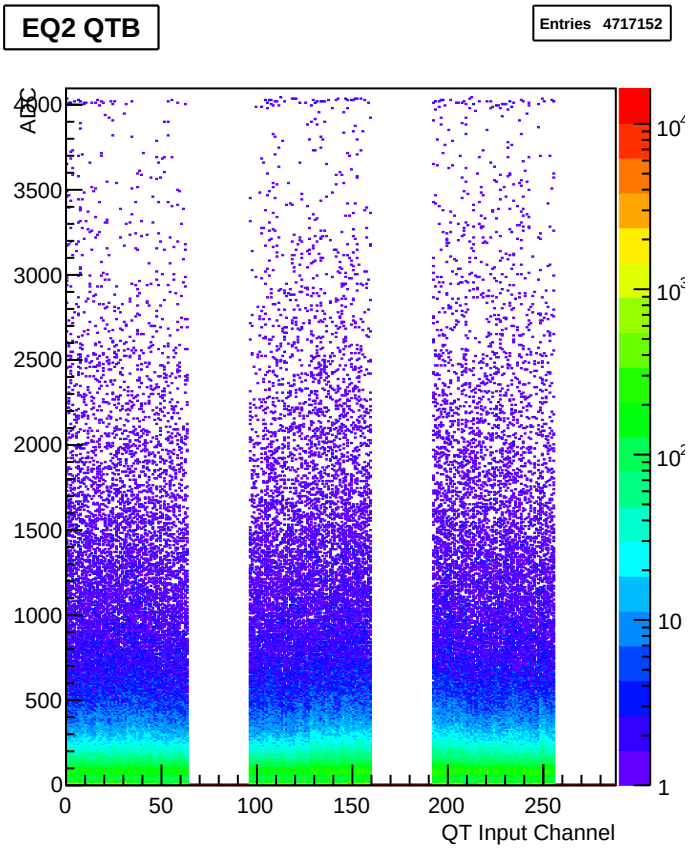

BBQ-VP002 West
Entries 262064
TAC
QT Input Channel

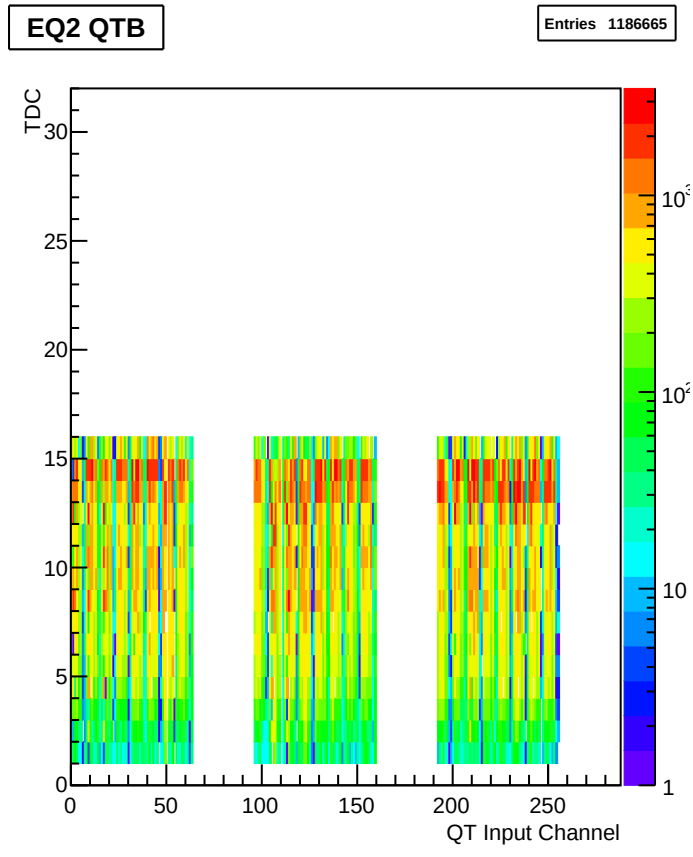

EQ1 QTB
Entries 4717152
ADC
QT Input Channel

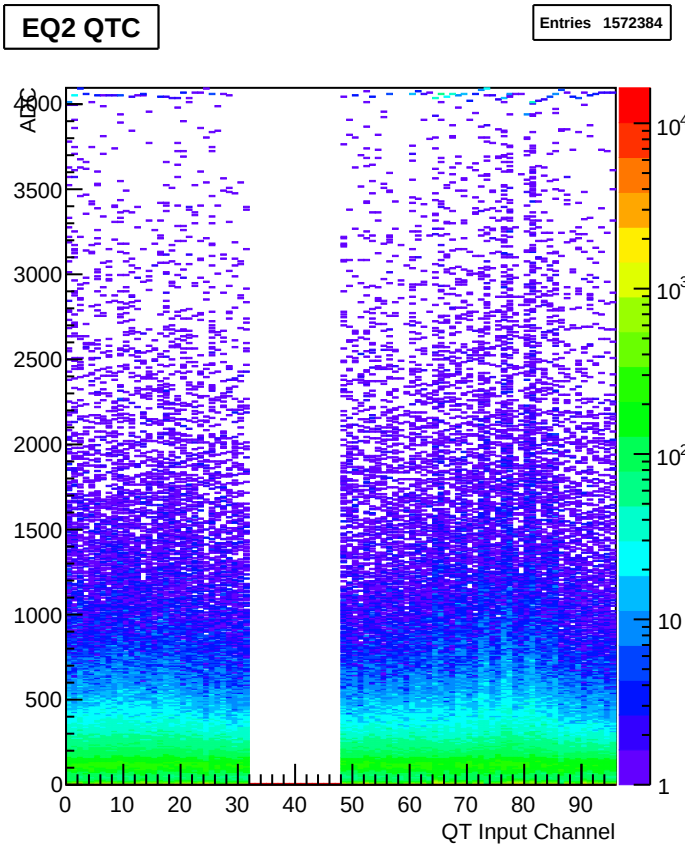

EQ1 QTB
Entries 1325192
TDC
QT Input Channel

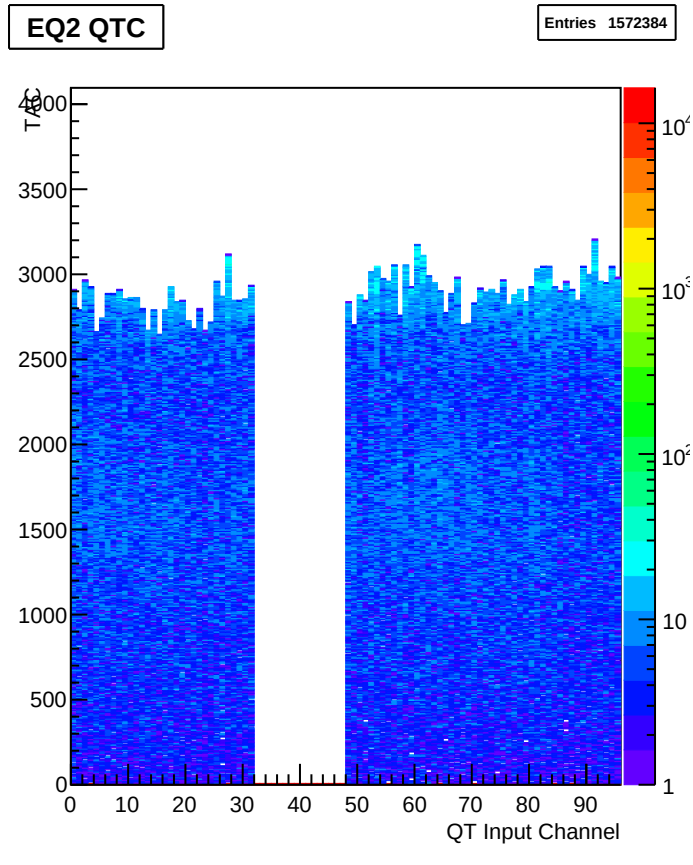

EQ1 QTC
Entries 1572384
ADC
QT Input Channel

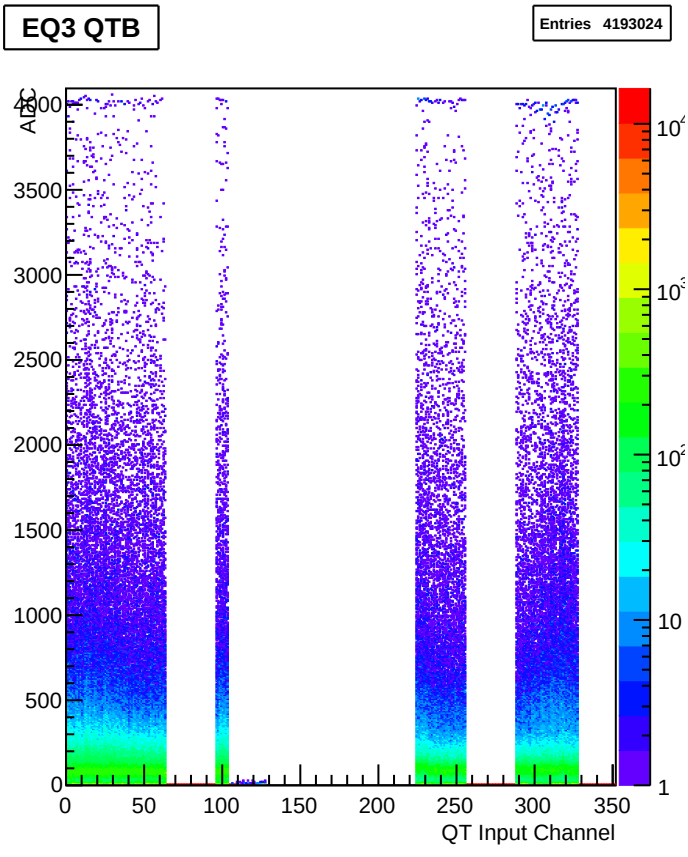

EQ1 QTC
Entries 1572384
TADC
QT Input Channel

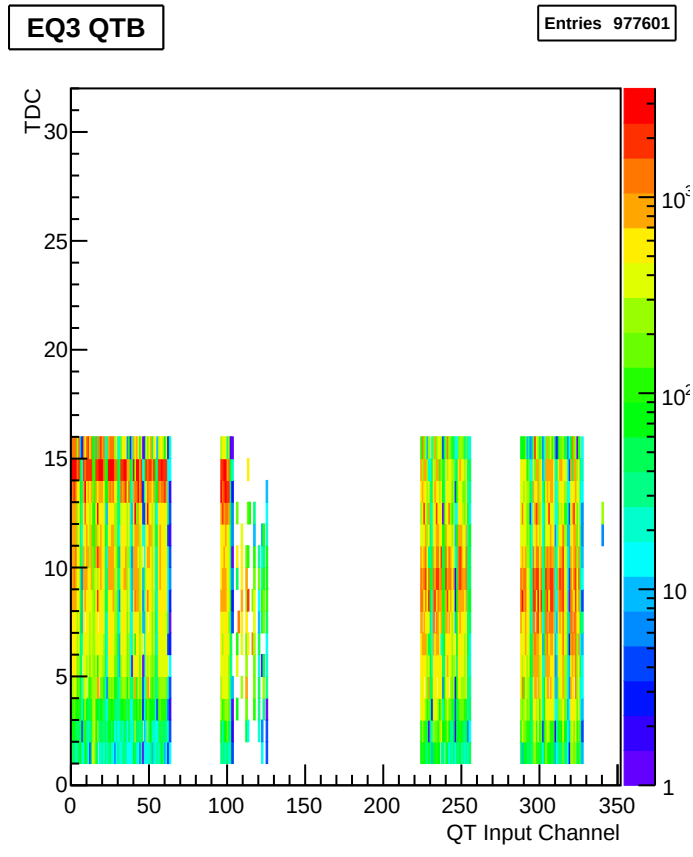

EQ2 QTB
Entries 4717152
ADC
QT Input Channel

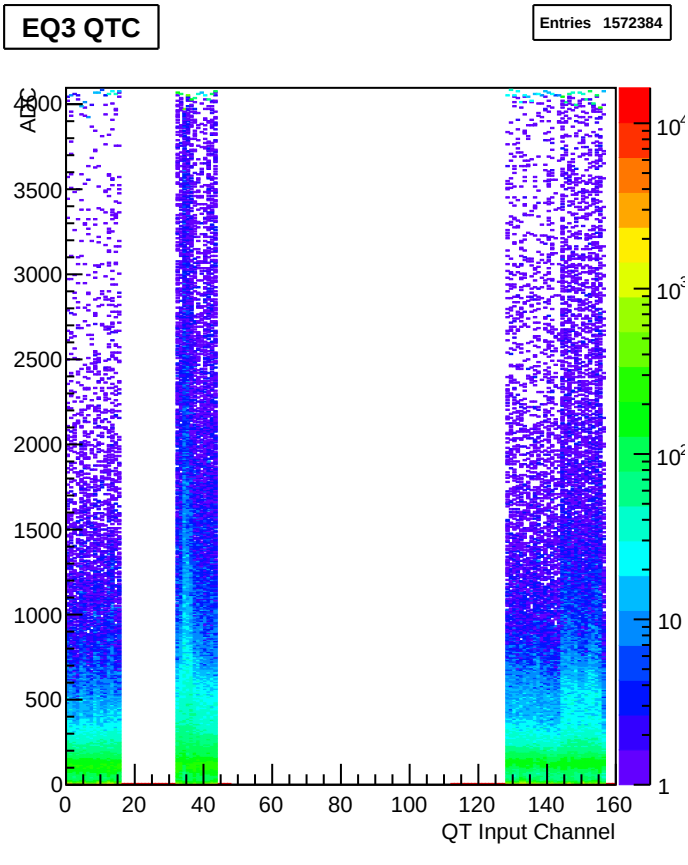

EQ2 QTB
Entries 1186665
TDC
QT Input Channel

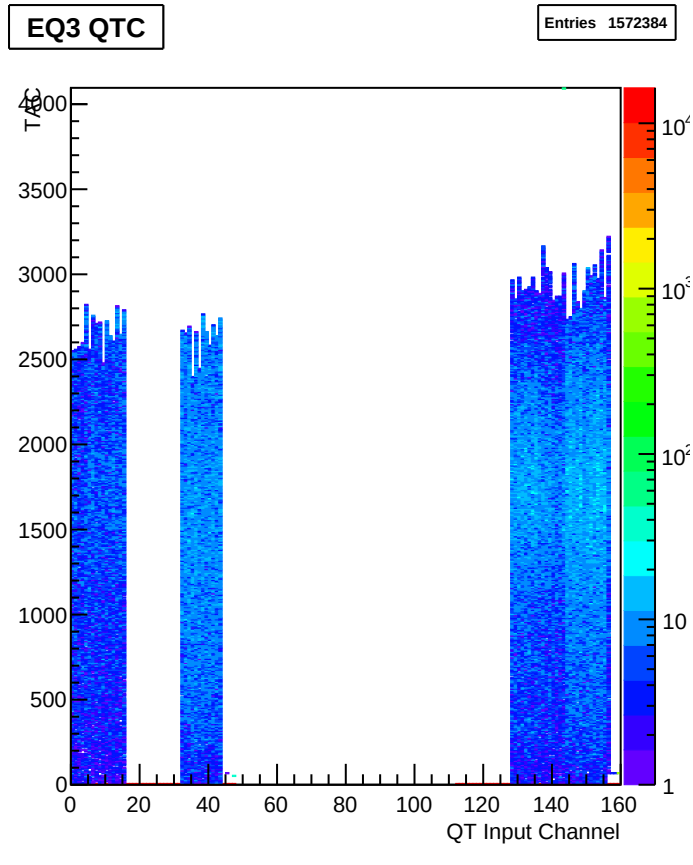

EQ2 QTC
Entries 1572384
ADC
QT Input Channel

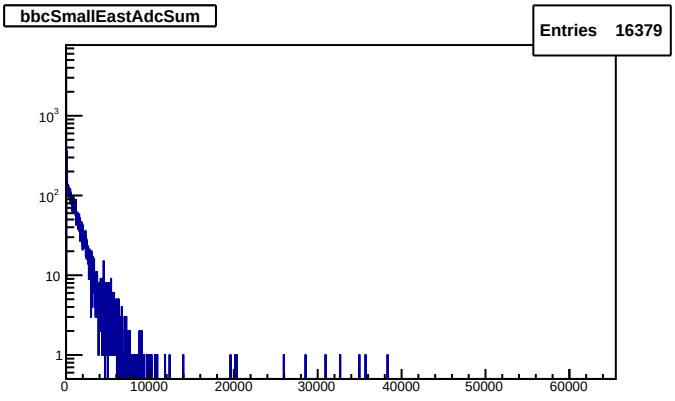

EQ2 QTC
Entries 1572384
TADC
QT Input Channel

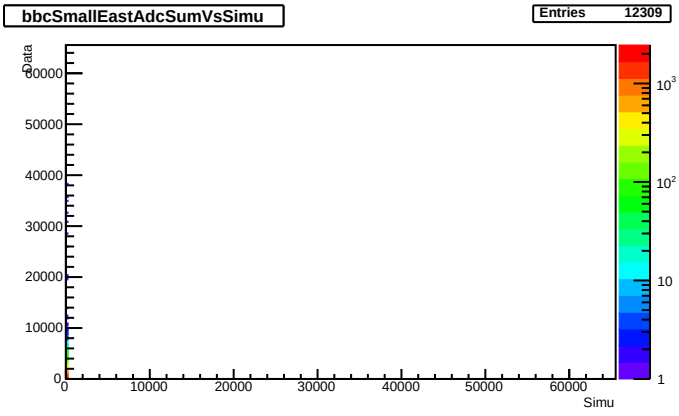

EQ3 QTB
Entries 4193024
ADC
QT Input Channel

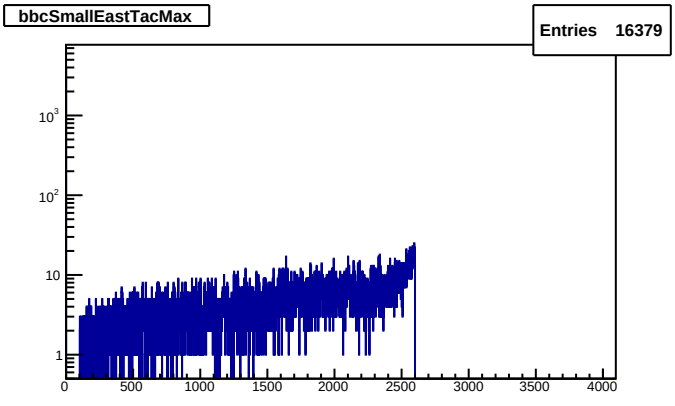

EQ3 QTB
Entries 977601
TDC
QT Input Channel

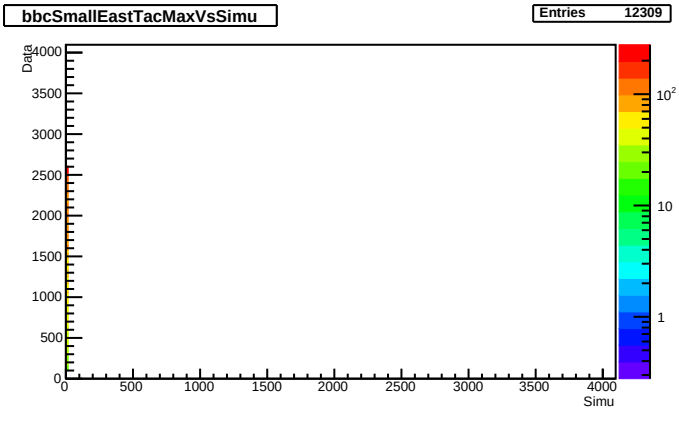

EQ3 QTC
Entries 1572384
ADC
QT Input Channel

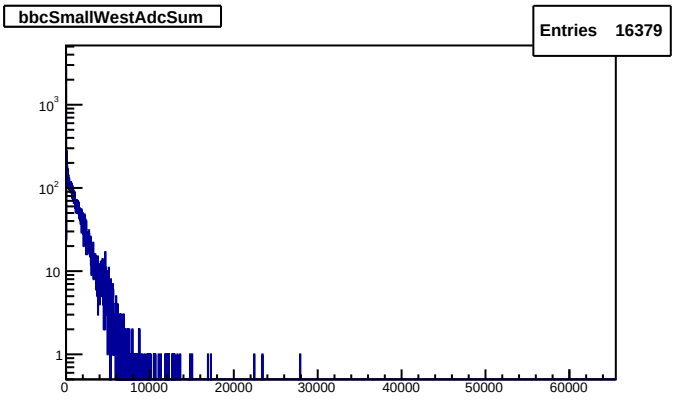

EQ3 QTC
Entries 1572384
TADC
QT Input Channel

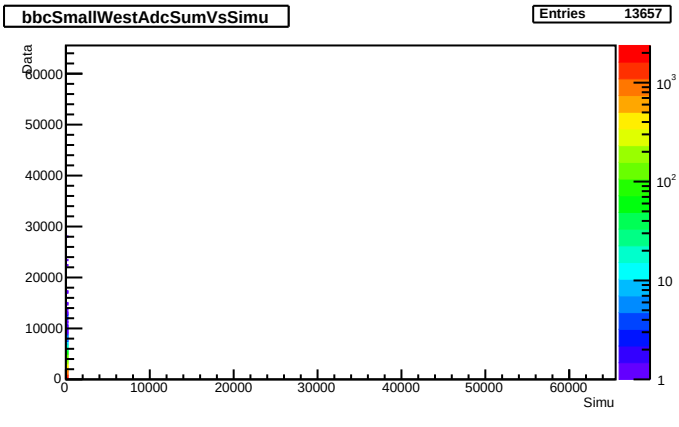

bbcSmallEastAdcSum
Entries 16379

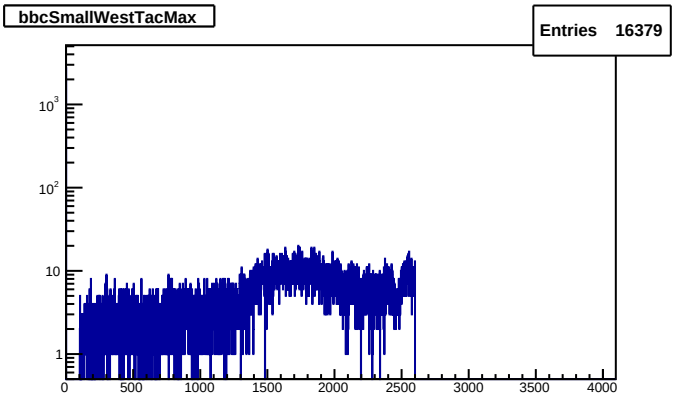

bbcSmallEastAdcSumVsSimu
Entries 12309
Data
Simu

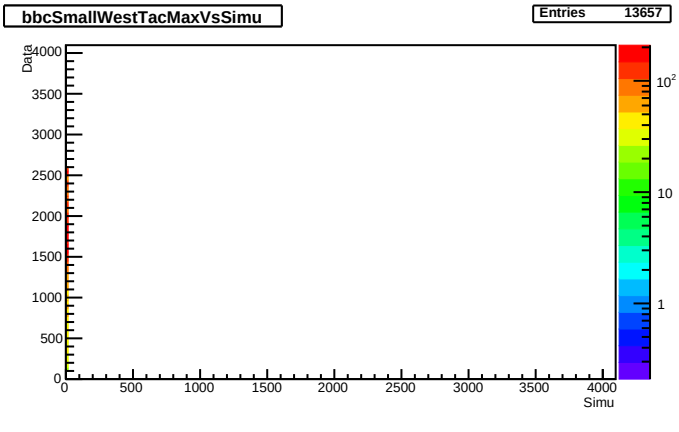

bbcSmallEastTacMax
Entries 16379

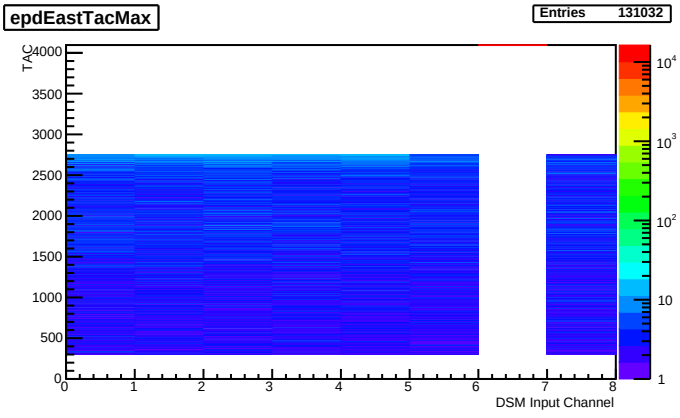

bbcSmallEastTacMaxVsSimu
Entries 12309
Data
Simu

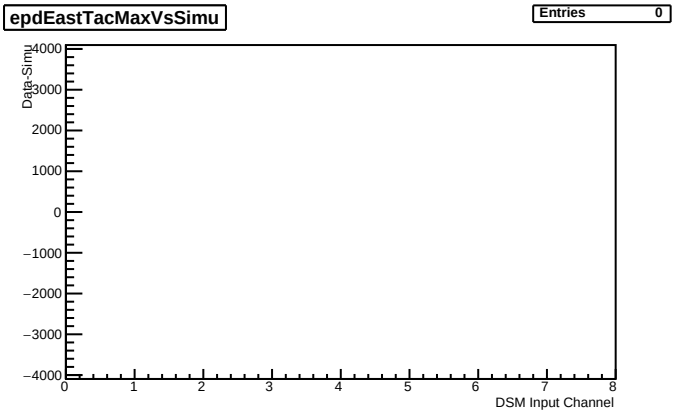

bbcSmallWestAdcSum
Entries 16379

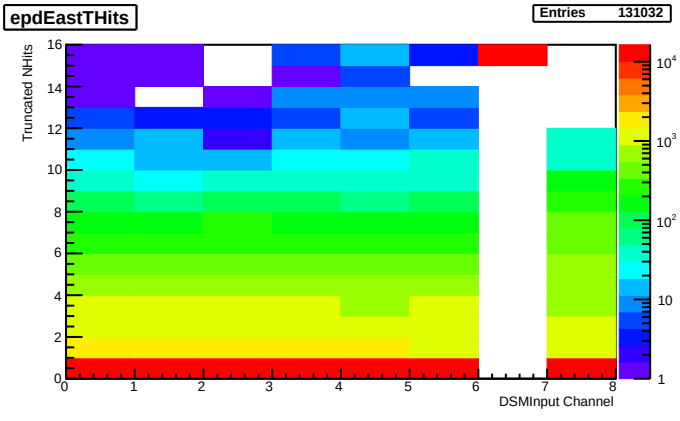

bbcSmallWestAdcSumVsSimu
Entries 13657
Data
Simu

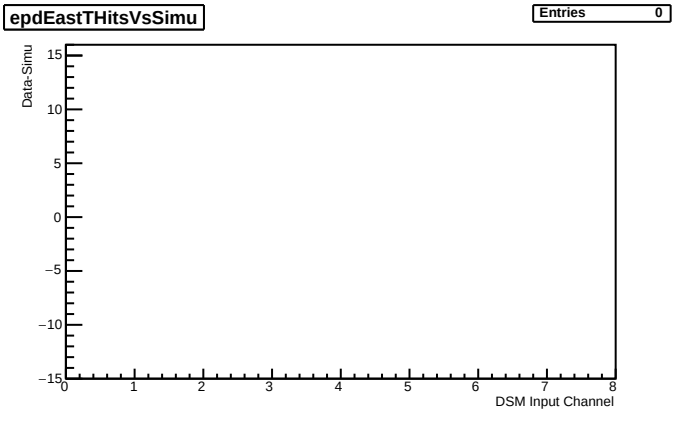

bbcSmallWestTacMax
Entries 16379

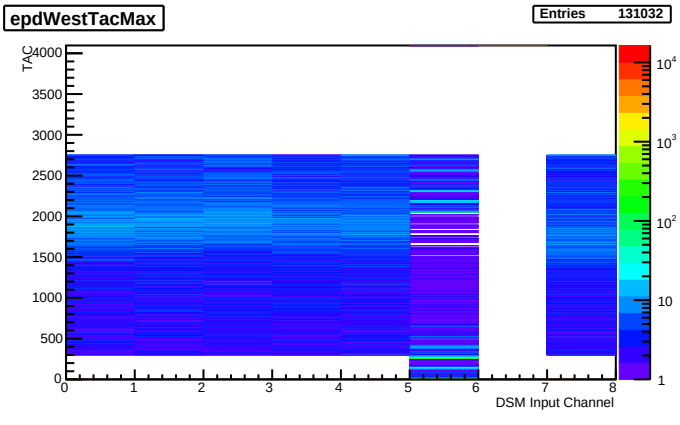

bbcSmallWestTacMaxVsSimu
Entries 13657
Data
Simu

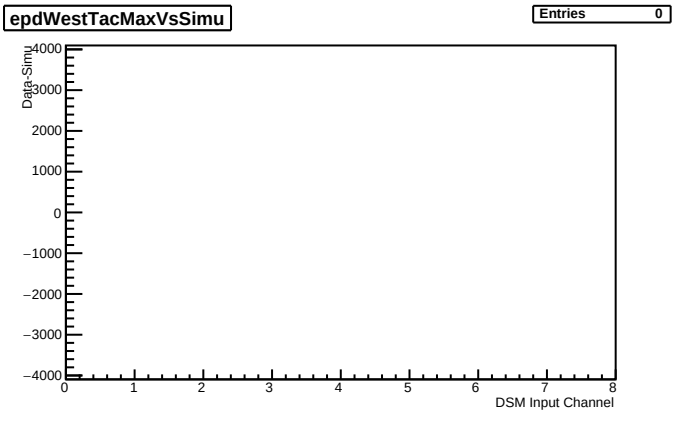

epdEastTacMax
Entries 131032
TAC
DSM Input Channel

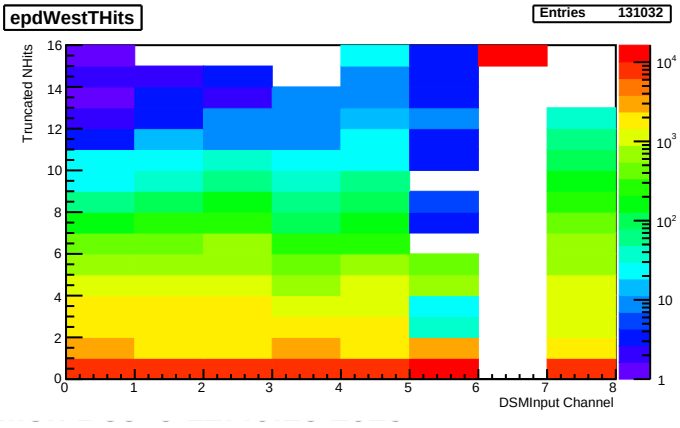

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

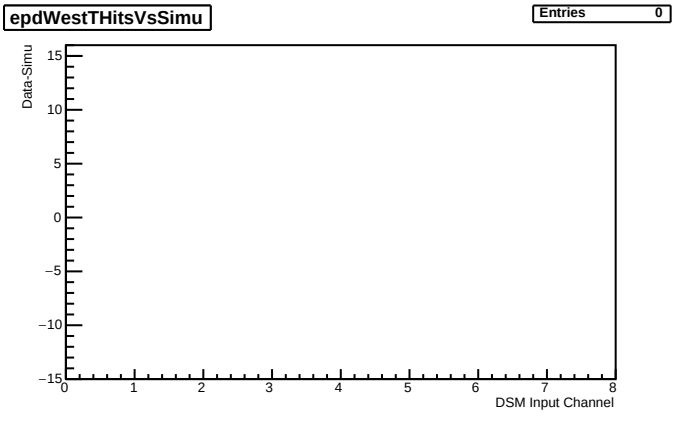

epdEastTHits
Entries 131032
Truncated NHits
DSMInput Channel

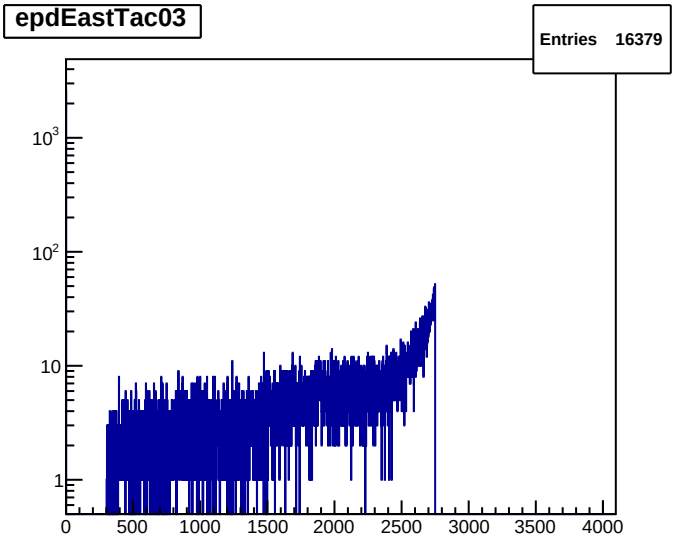

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

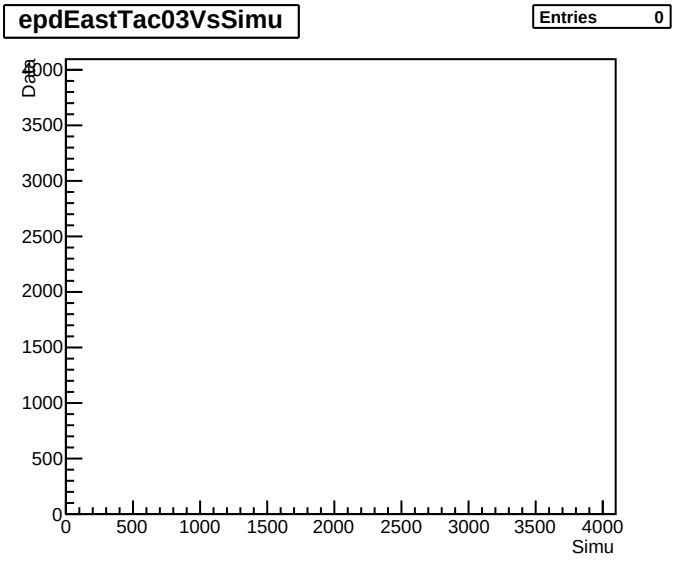

epdWestTacMax
Entries 131032
TAC
DSM Input Channel

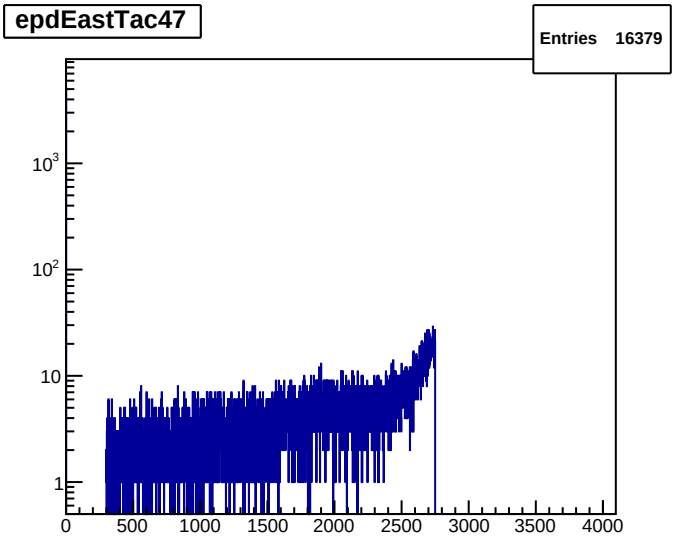

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

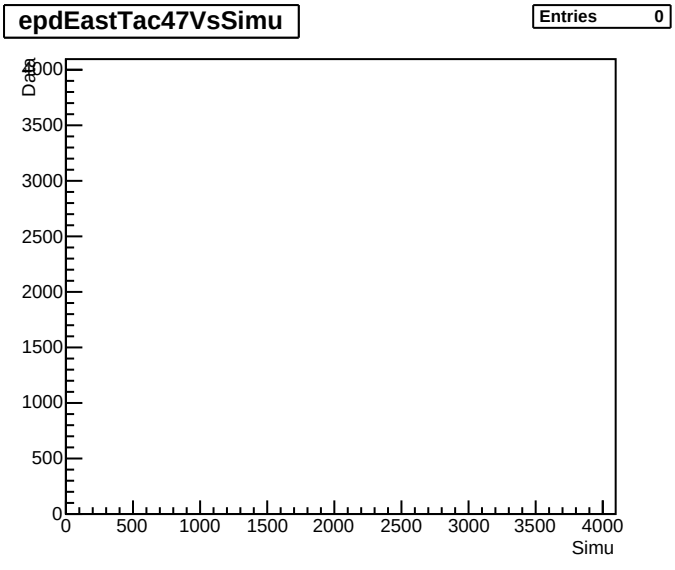

epdWestTHits
Entries 131032
Truncated NHits
DSMInput Channel

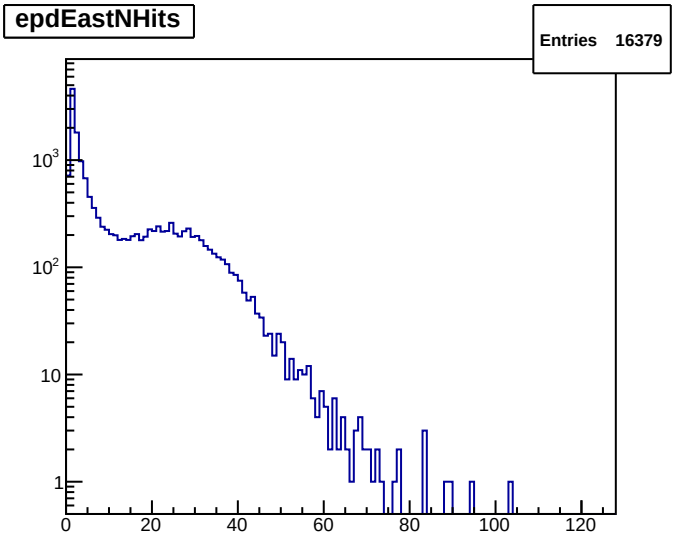

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

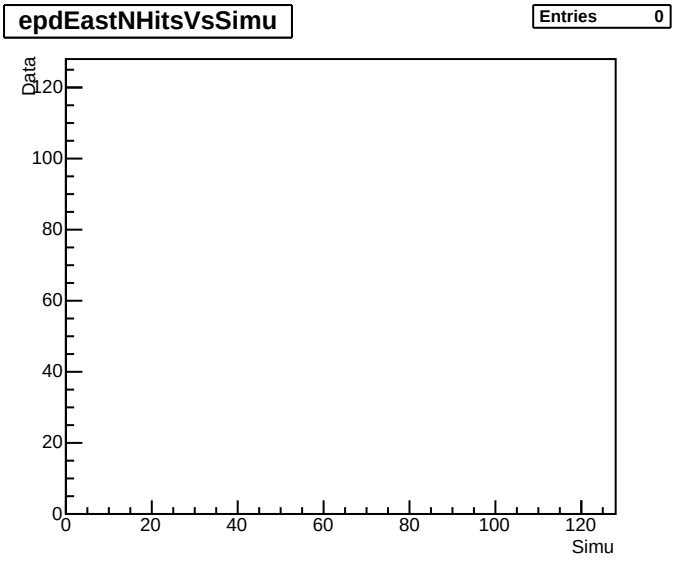

epdEastTac03
Entries 16379
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

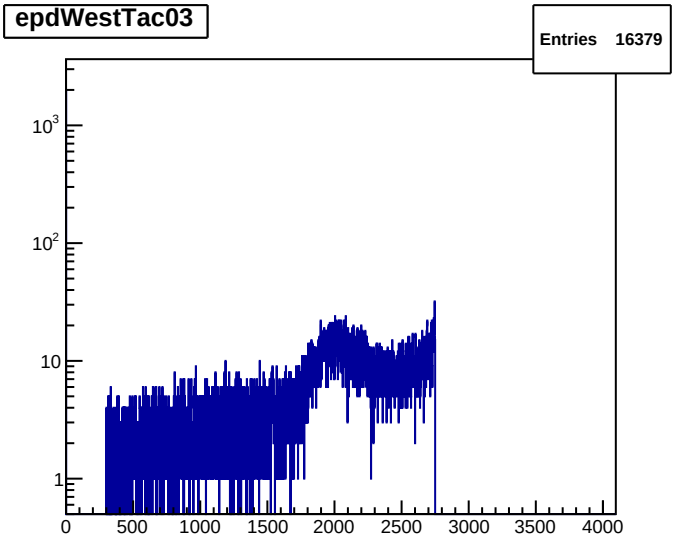

epdEastTac03VsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

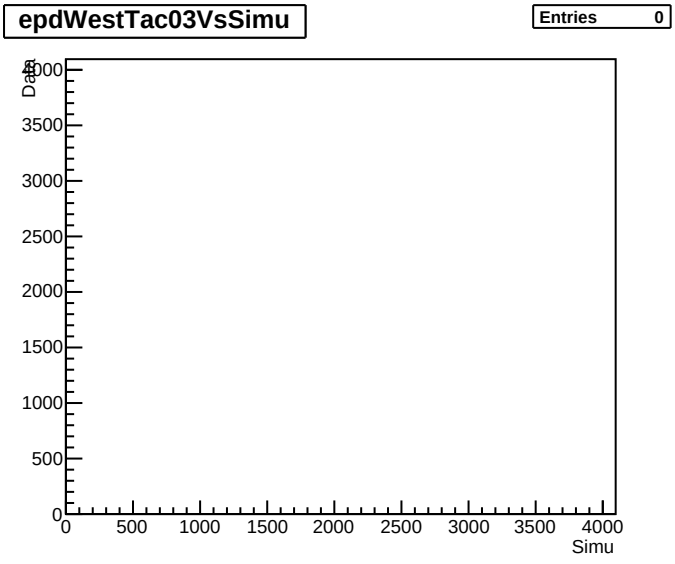

epdEastTac47
Entries 16379
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

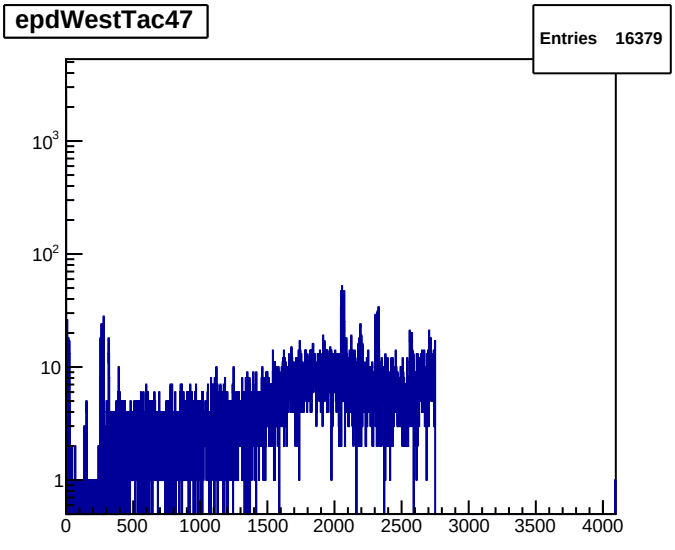

epdEastTac47VsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

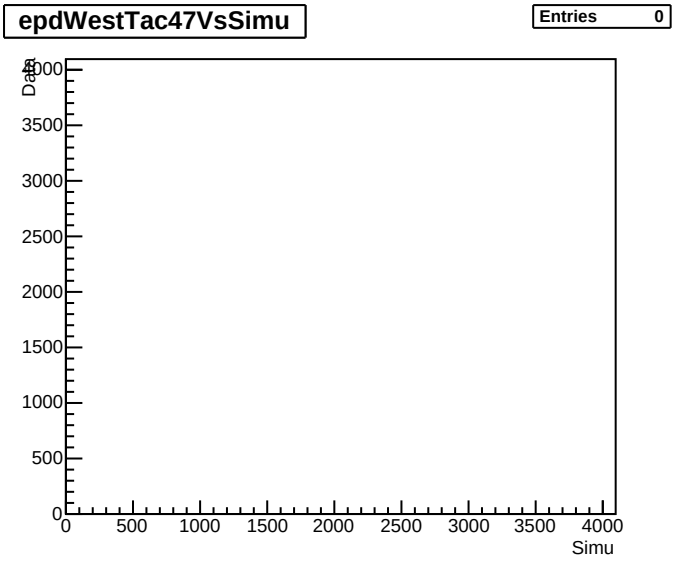

epdEastNHits
Entries 16379
10^3
10^2
10
1
0 20 40 60 80 100 120

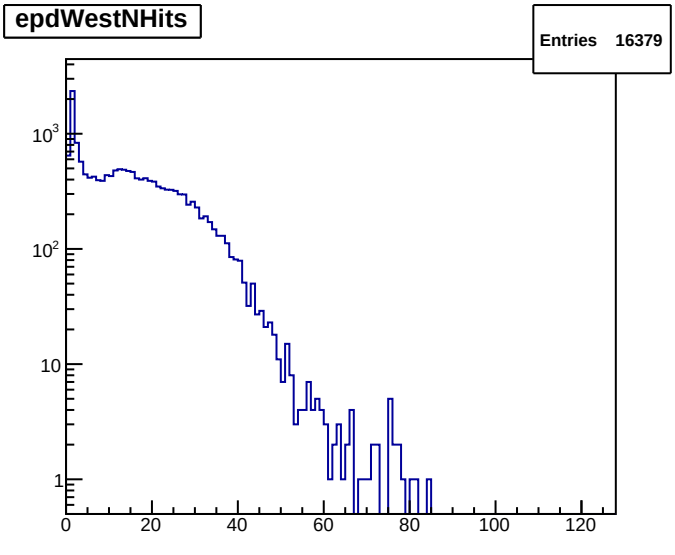

epdEastNHitsVsSimu
Entries 0
Data
120
100
80
60
40
20
0
0 20 40 60 80 100 120
Simu

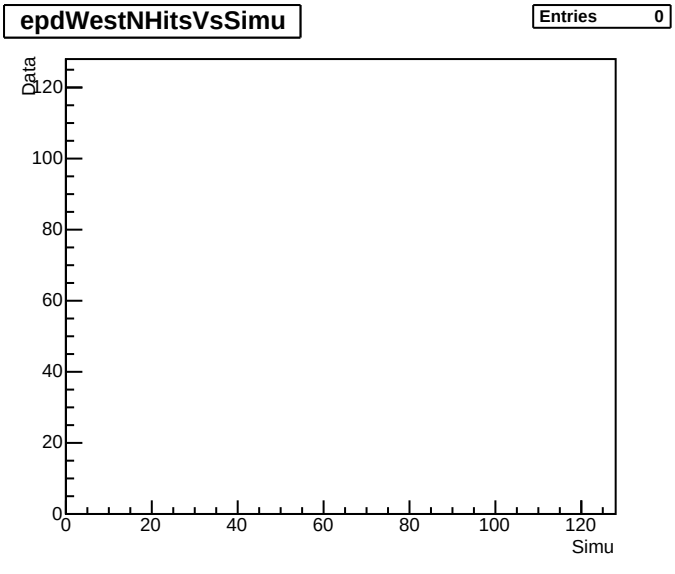

epdWestTac03
Entries 16379

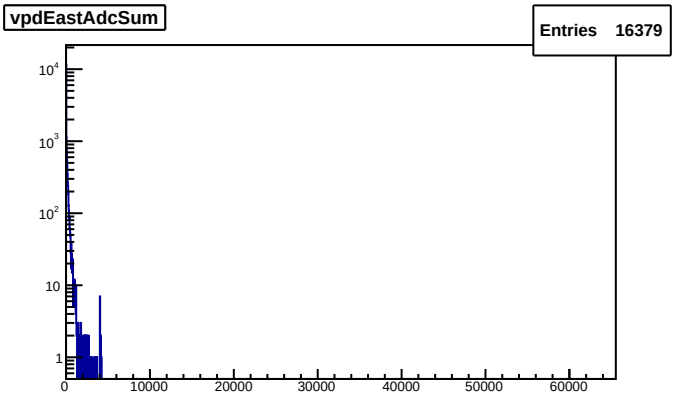

epdWestTac03VsSimu
Entries 0
Data
Simu

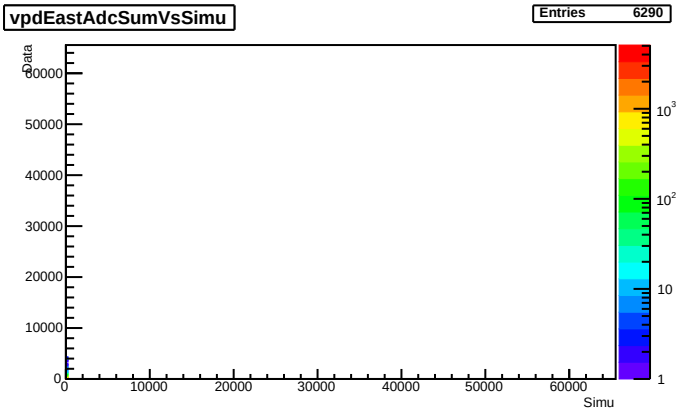

epdWestTac47
Entries 16379

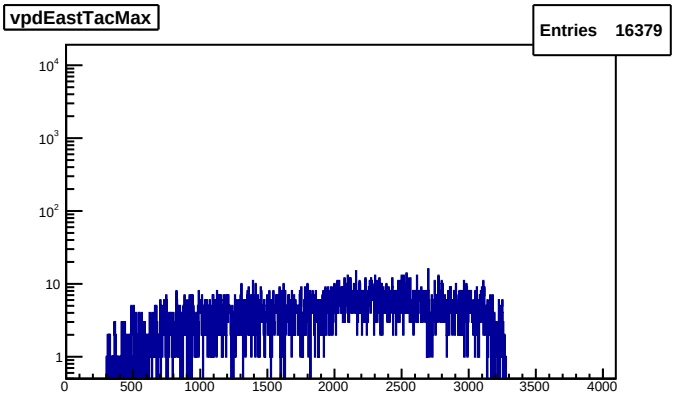

epdWestTac47VsSimu
Entries 0
Data
Simu

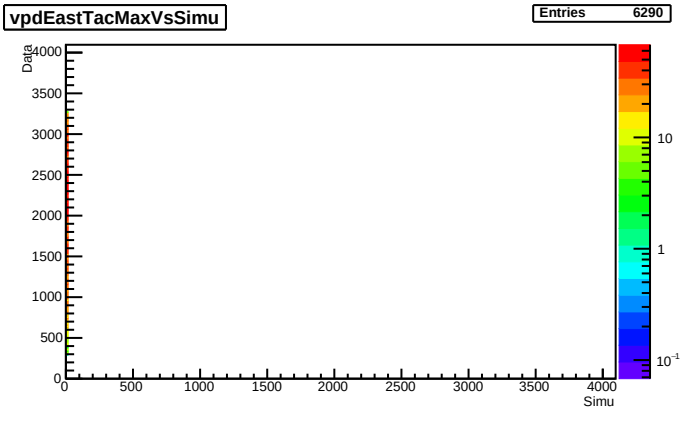

epdWestNHits
Entries 16379

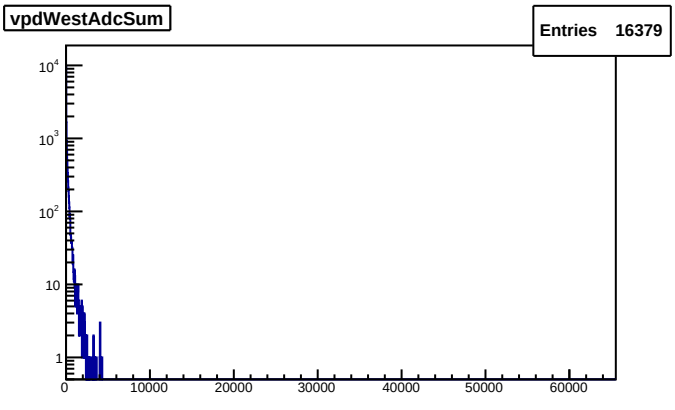

epdWestNHitsVsSimu
Entries 0
Data
Simu

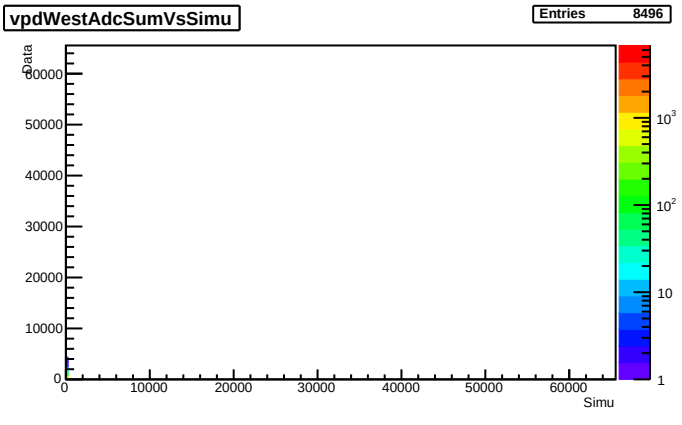

vpdEastAdcSum
Entries 16379

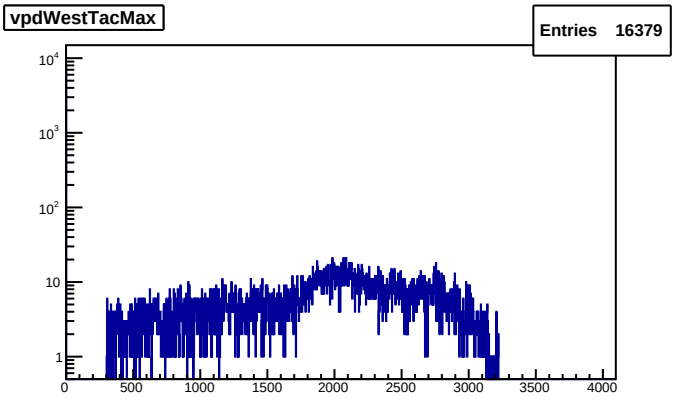

vpdEastAdcSumVsSimu
Entries 6290
Data
Simu

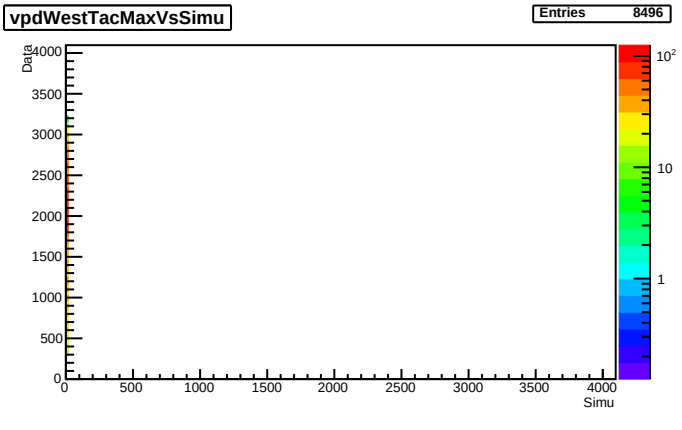

vpdEastTacMax
Entries 16379

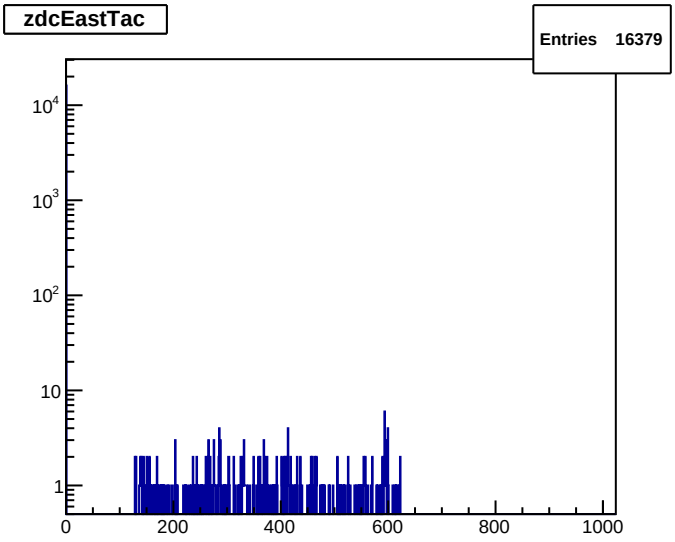

vpdEastTacMaxVsSimu
Entries 6290
Data
Simu

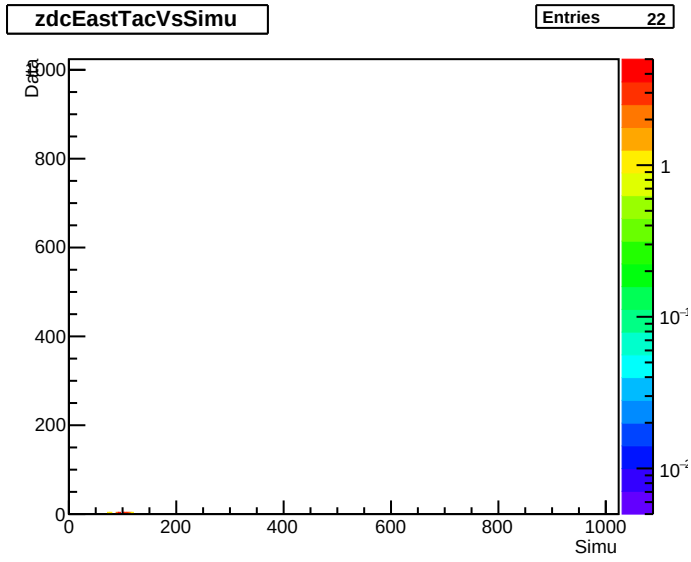

vpdWestAdcSum
Entries 16379

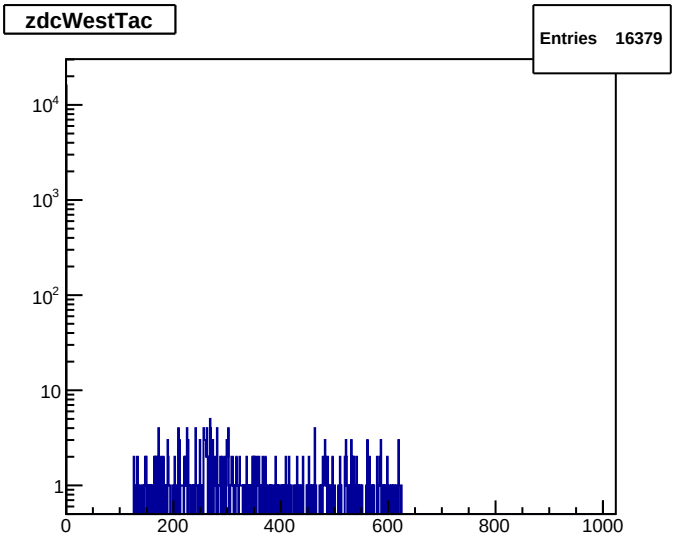

vpdWestAdcSumVsSimu
Entries 8496
Data
Simu

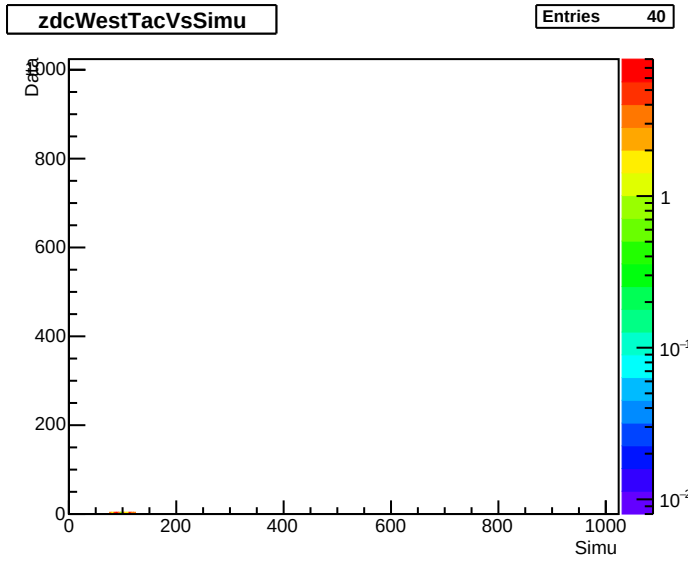

vpdWestTacMax
Entries 16379

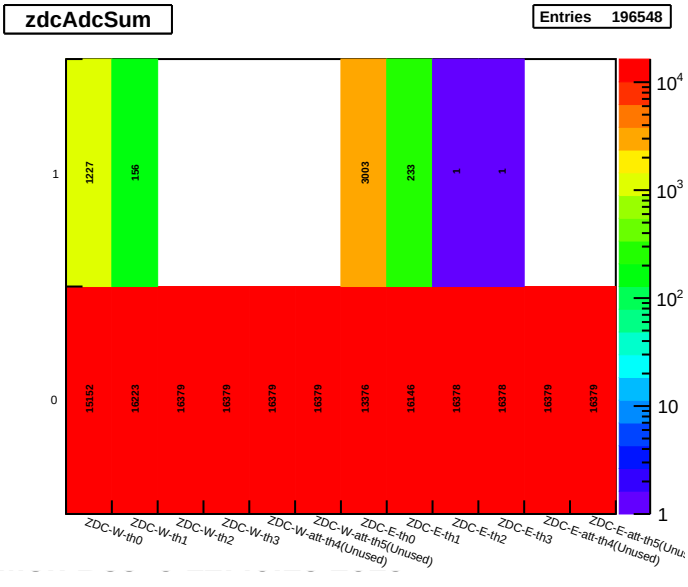

vpdWestTacMaxVsSimu
Entries 8496
Data
Simu

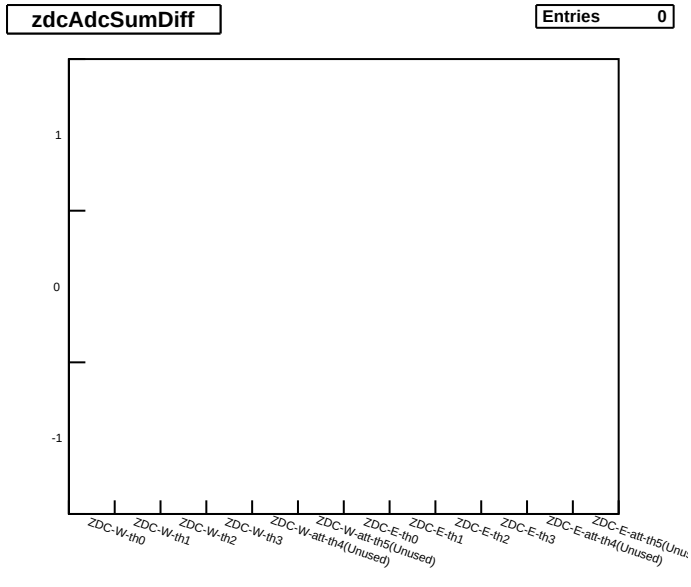

zdcEastTac
Entries 16379

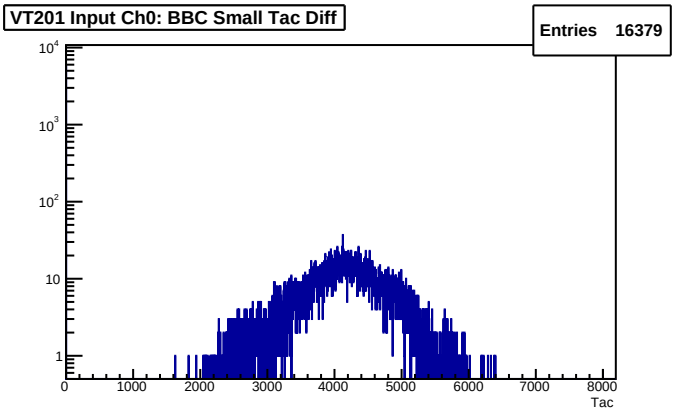

zdcEastTacVsSimu
Entries 22
Data
Simu

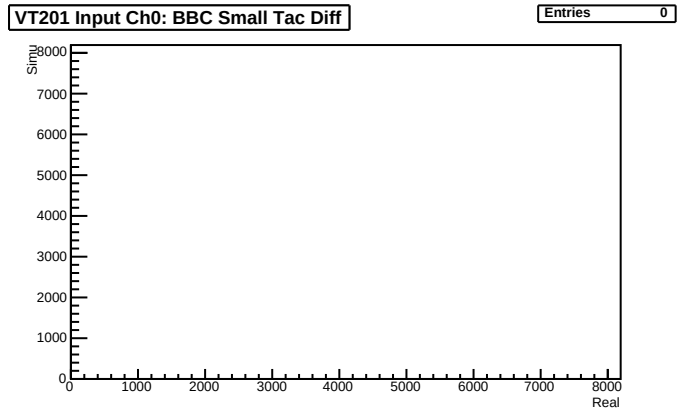

zdcWestTac
Entries 16379

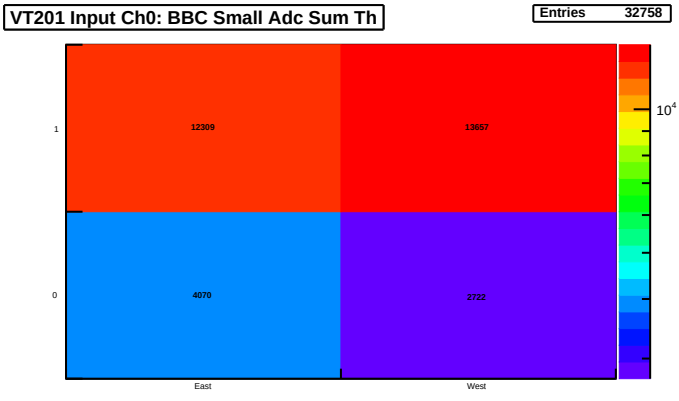

zdcWestTacVsSimu
Entries 40
Data
Simu

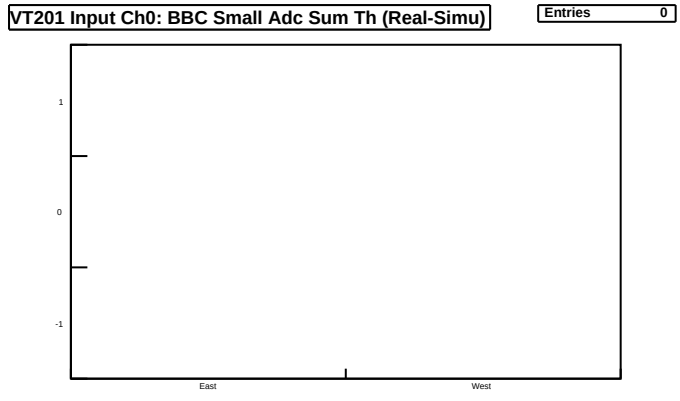

zdcAdcSum
Entries 196548
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

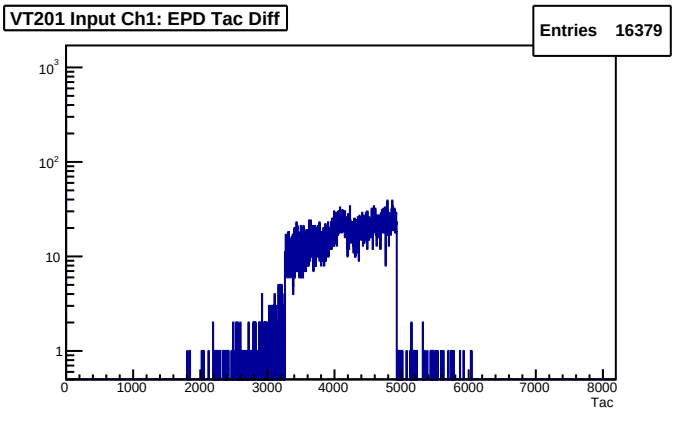

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

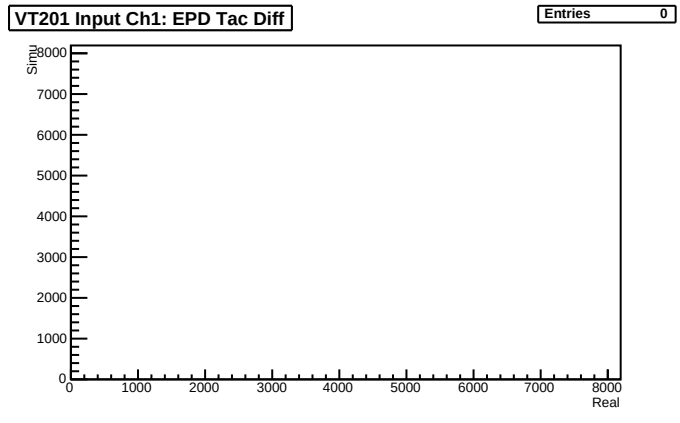

VT201 Input Ch0: BBC Small Tac Diff
Entries 16379
Tac

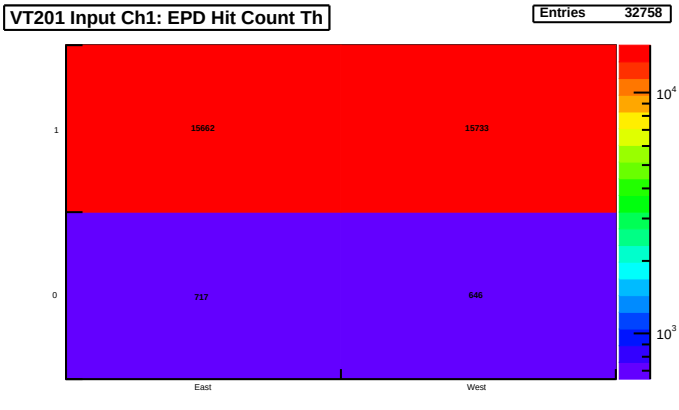

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

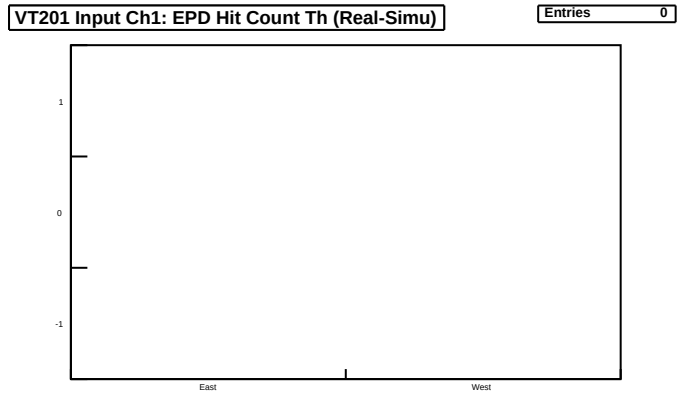

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 32758
12309
13657
4070
2722
East
West

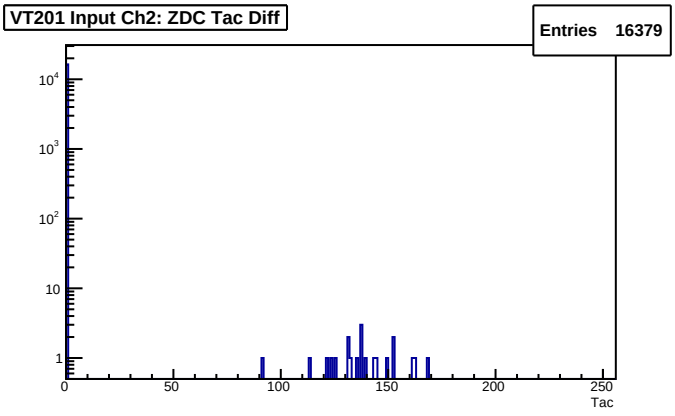

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

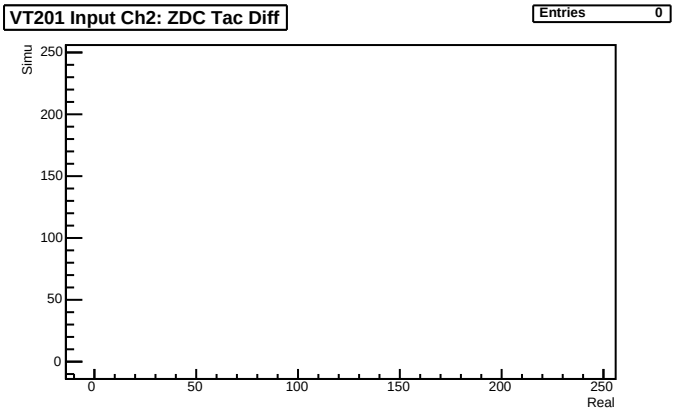

VT201 Input Ch1: EPD Tac Diff
Entries 16379
Tac

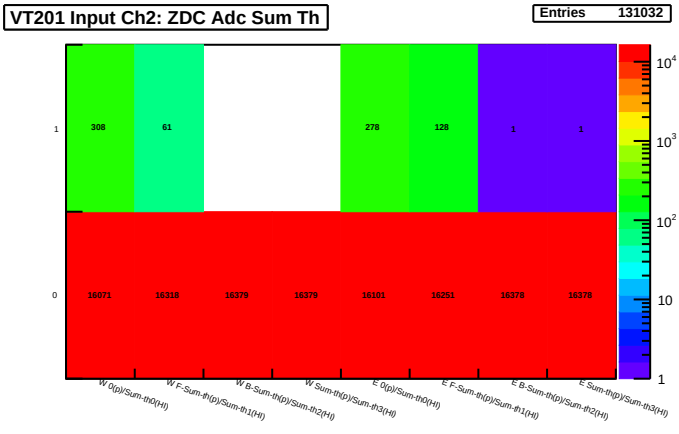

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

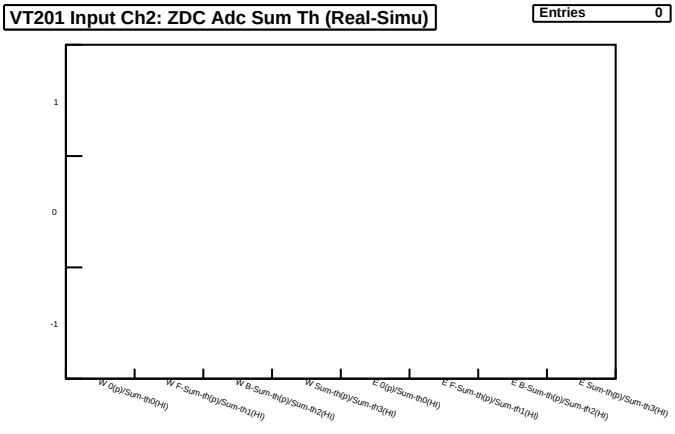

VT201 Input Ch1: EPD Hit Count Th
Entries 32758
15662
15733
717
646
East
West

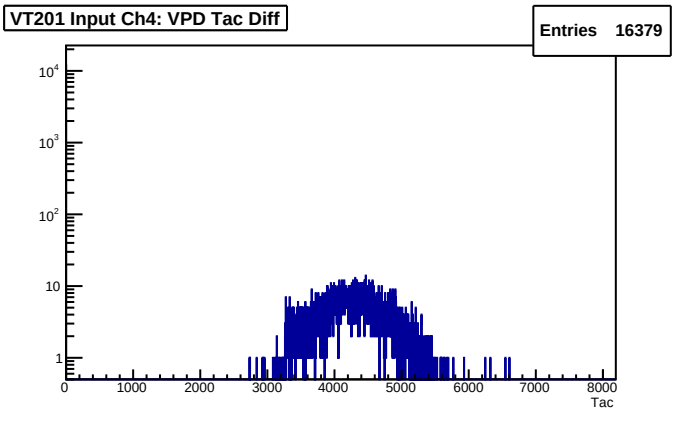

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

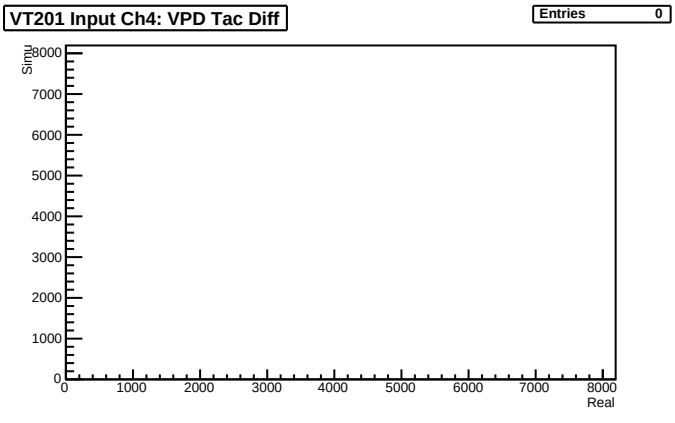

VT201 Input Ch2: ZDC Tac Diff
Entries 16379
Tac

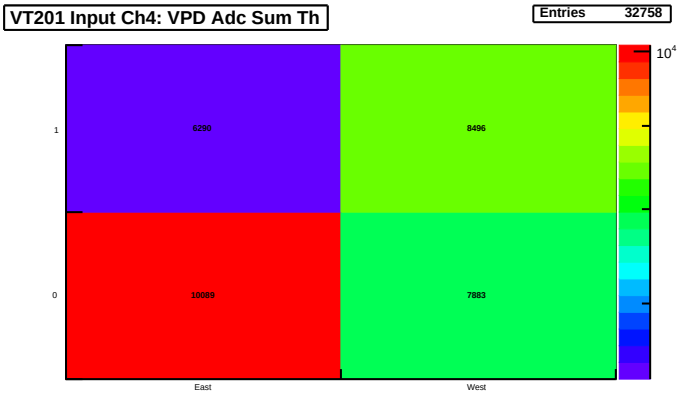

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

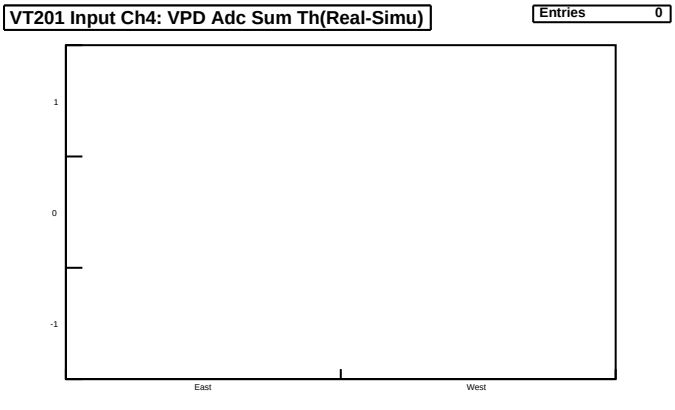

VT201 Input Ch2: ZDC Adc Sum Th
Entries 131032
308
61
278
128
1
1
16071
16318
16379
16379
16101
16251
16378
16378
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

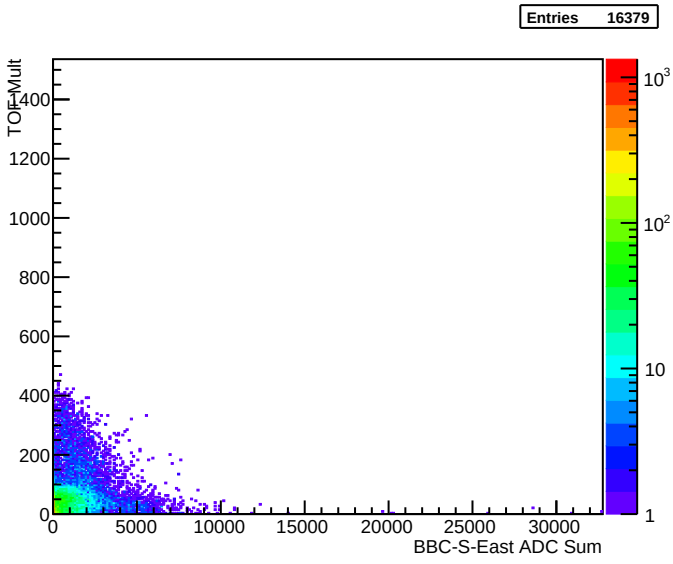

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

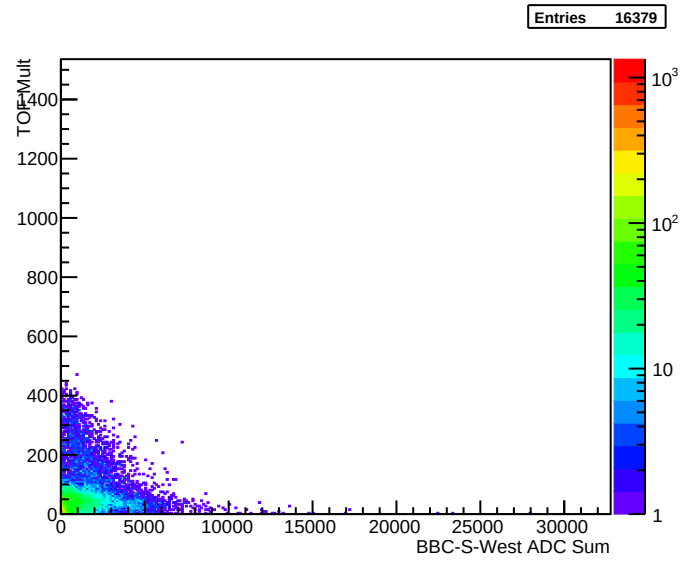

VT201 Input Ch4: VPD Tac Diff
Entries 16379
Tac

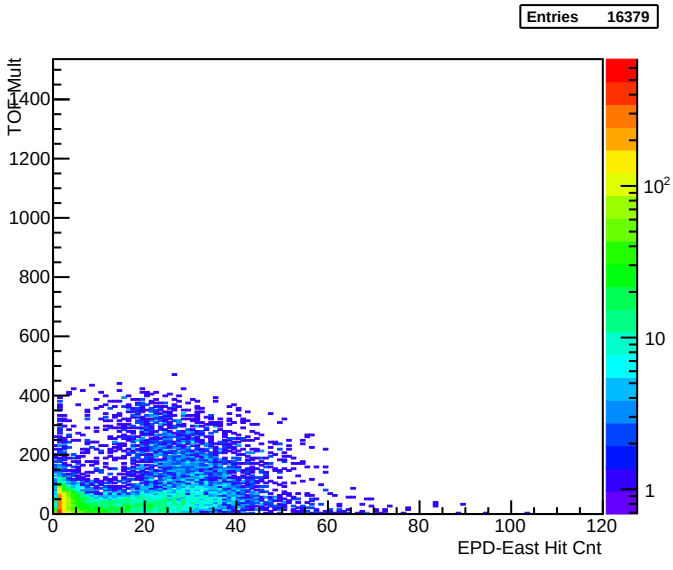

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

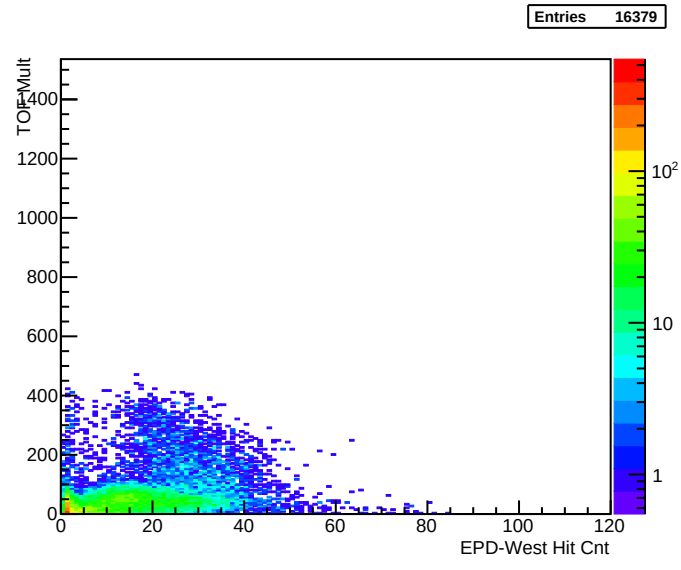

VT201 Input Ch4: VPD Adc Sum Th
Entries 32758
6290
8496
10089
7883
East
West

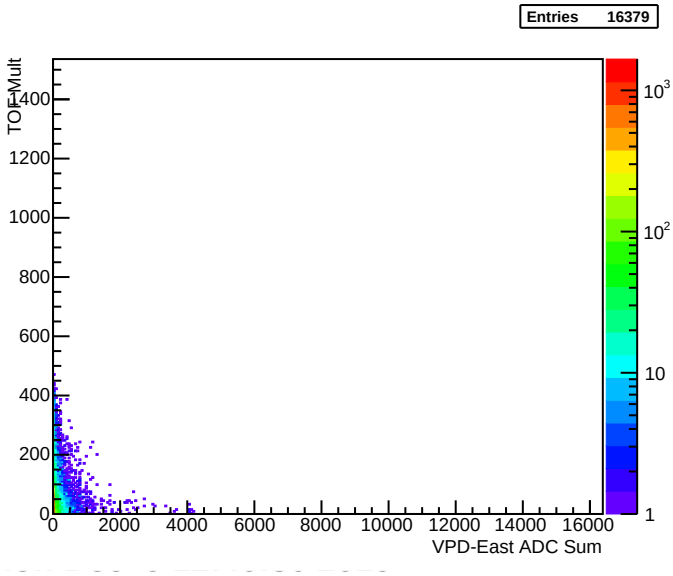

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

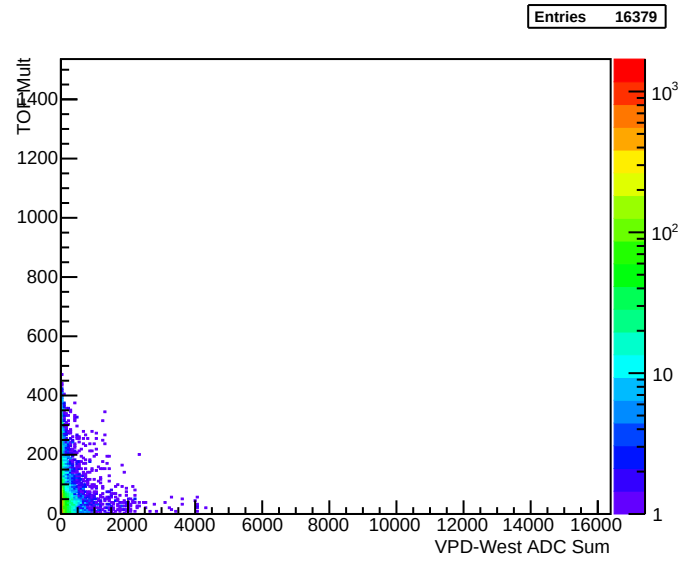

Entries 16379
TOF-Mult
BBC-S-East ADC Sum

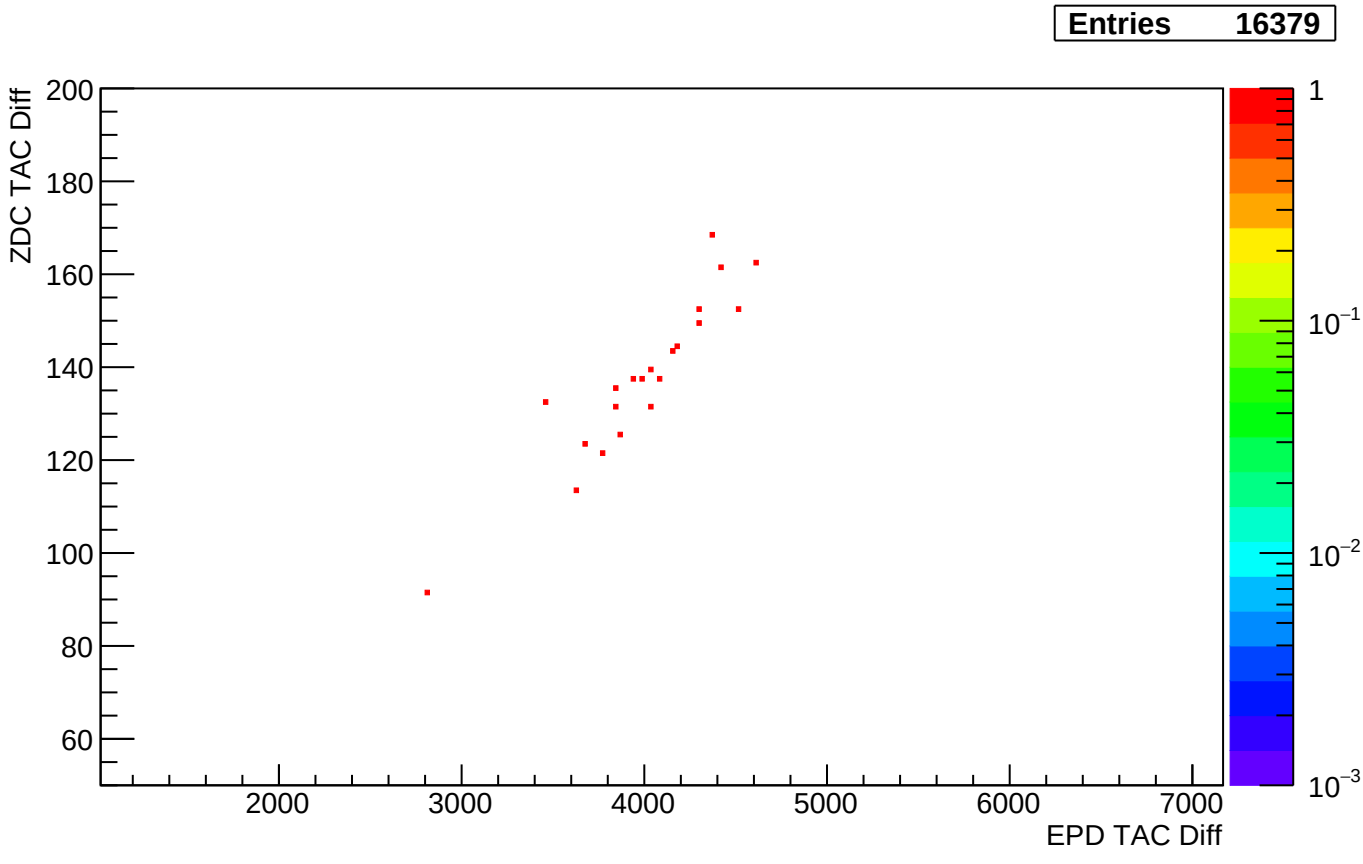

Entries 16379
TOF-Mult
BBC-S-West ADC Sum

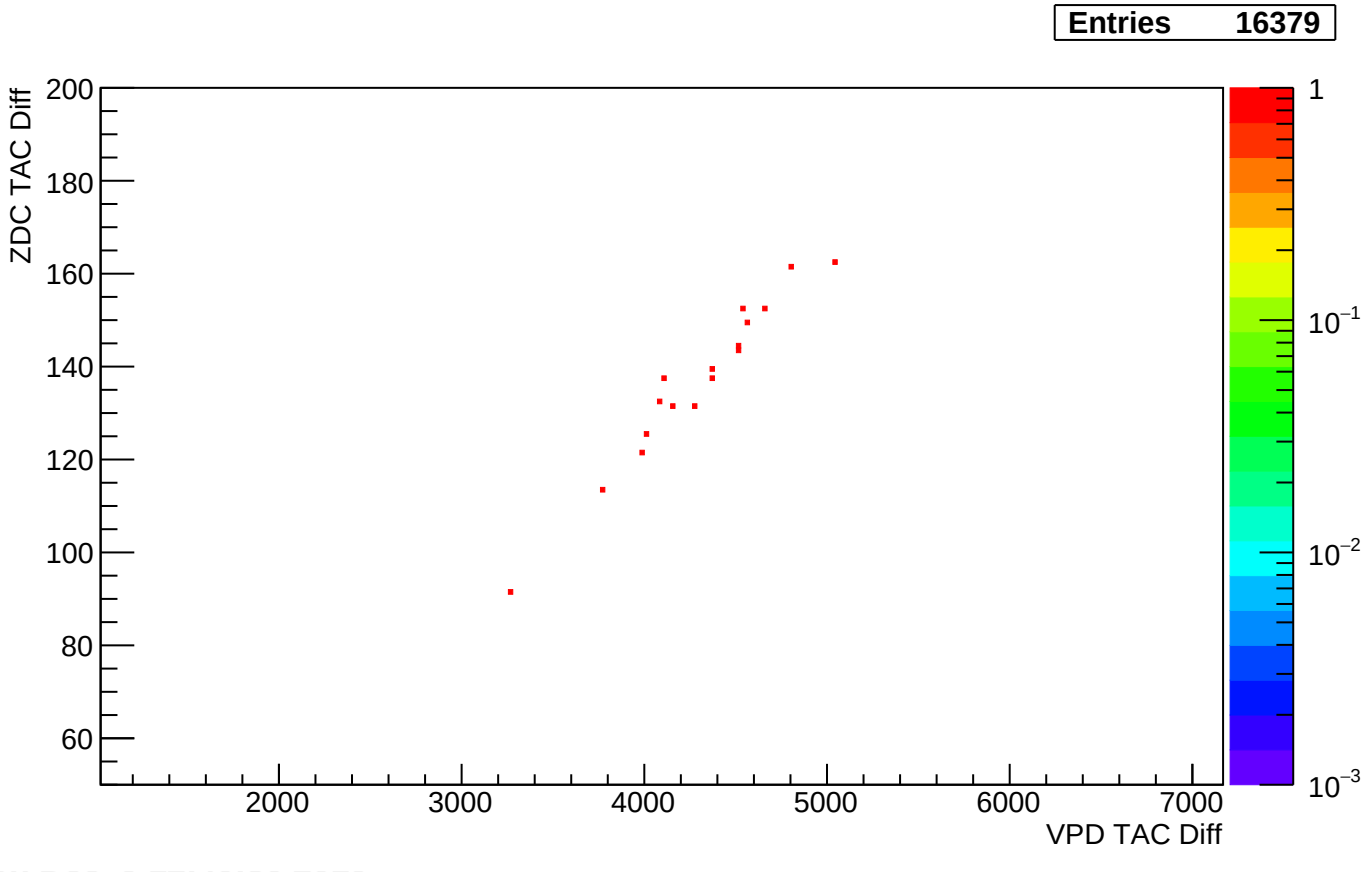

Entries 16379
TOF-Mult
EPD-East Hit Cnt

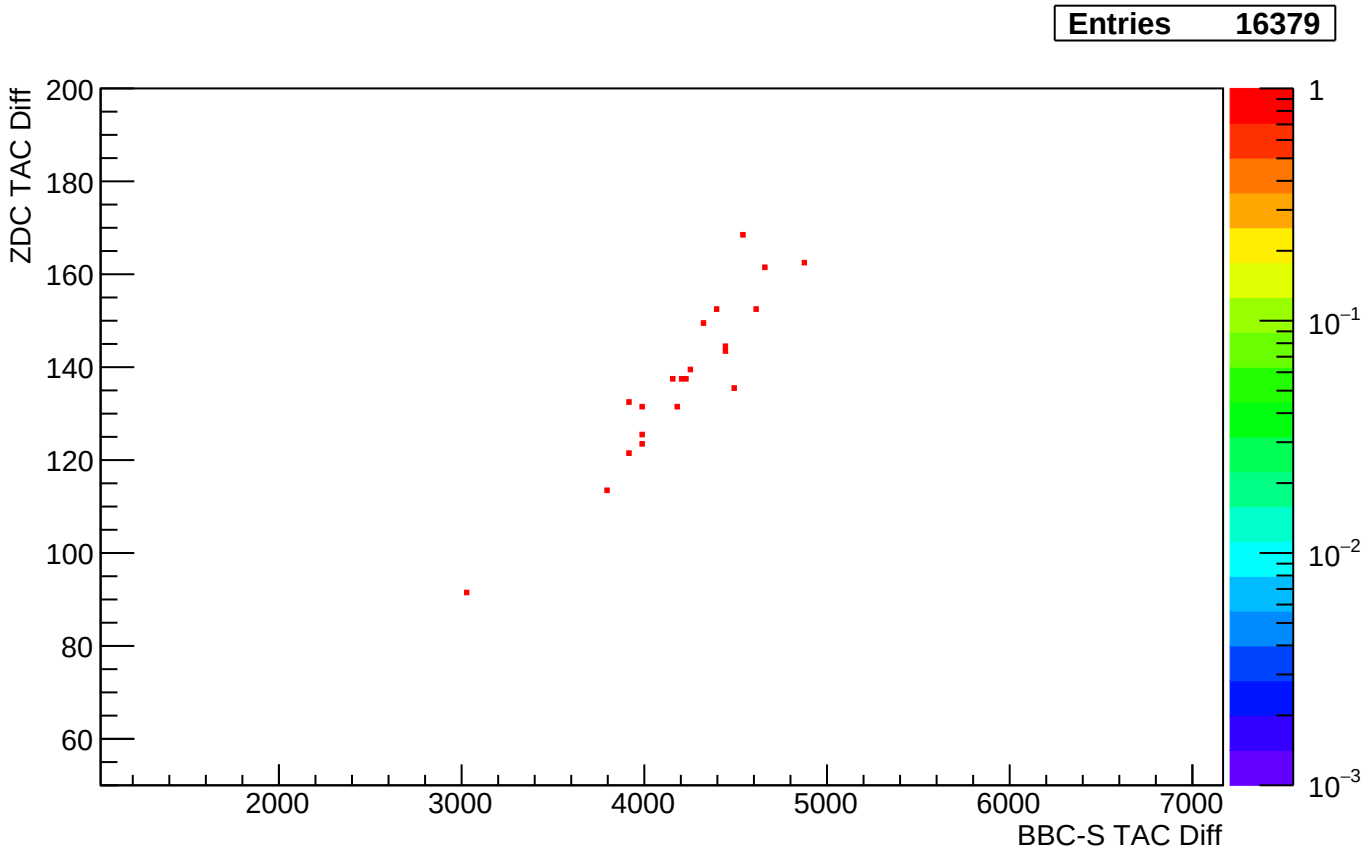

Entries 16379
TOF-Mult
EPD-West Hit Cnt

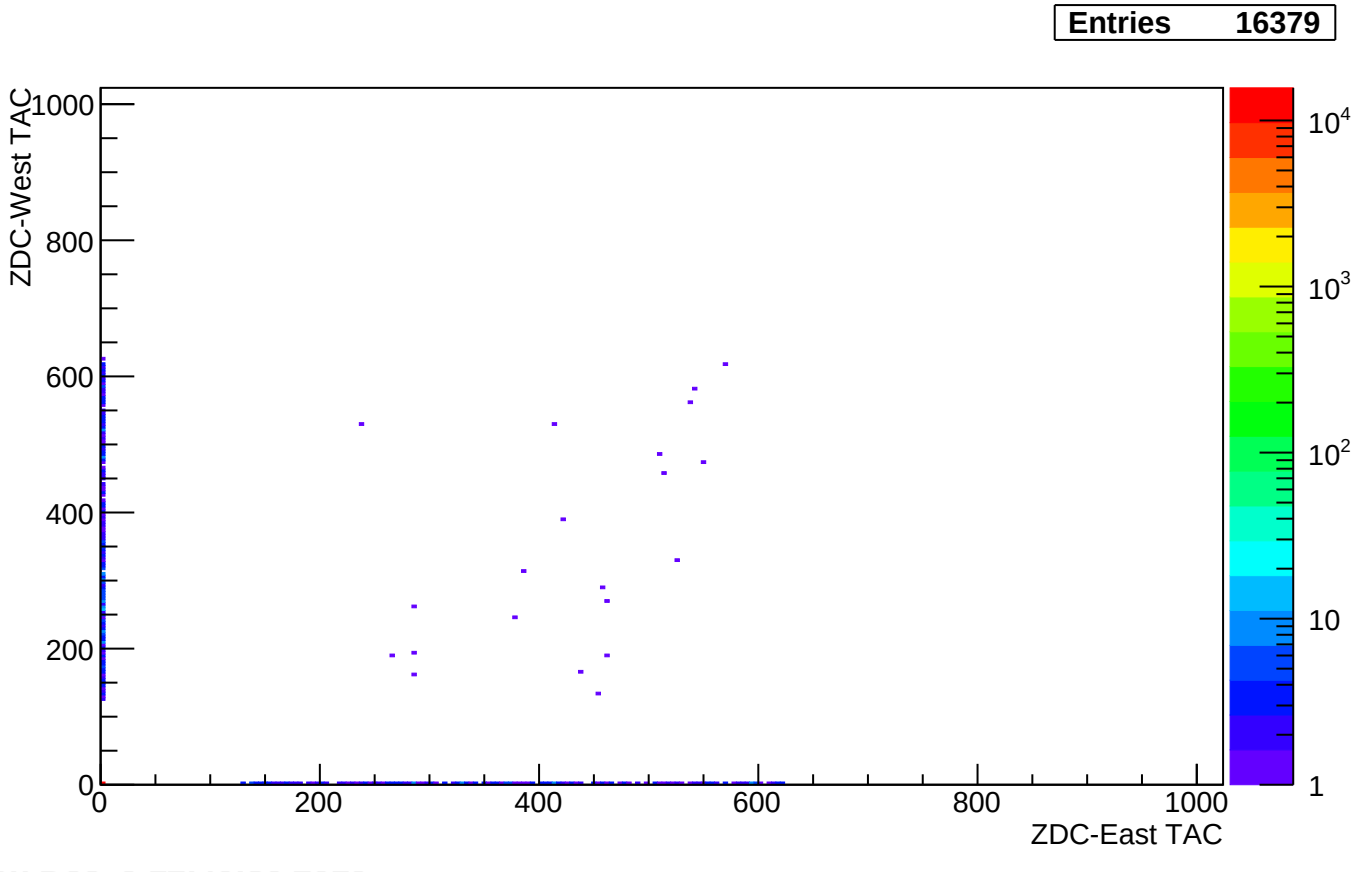

Entries 16379
TOF-Mult
VPD-East ADC Sum

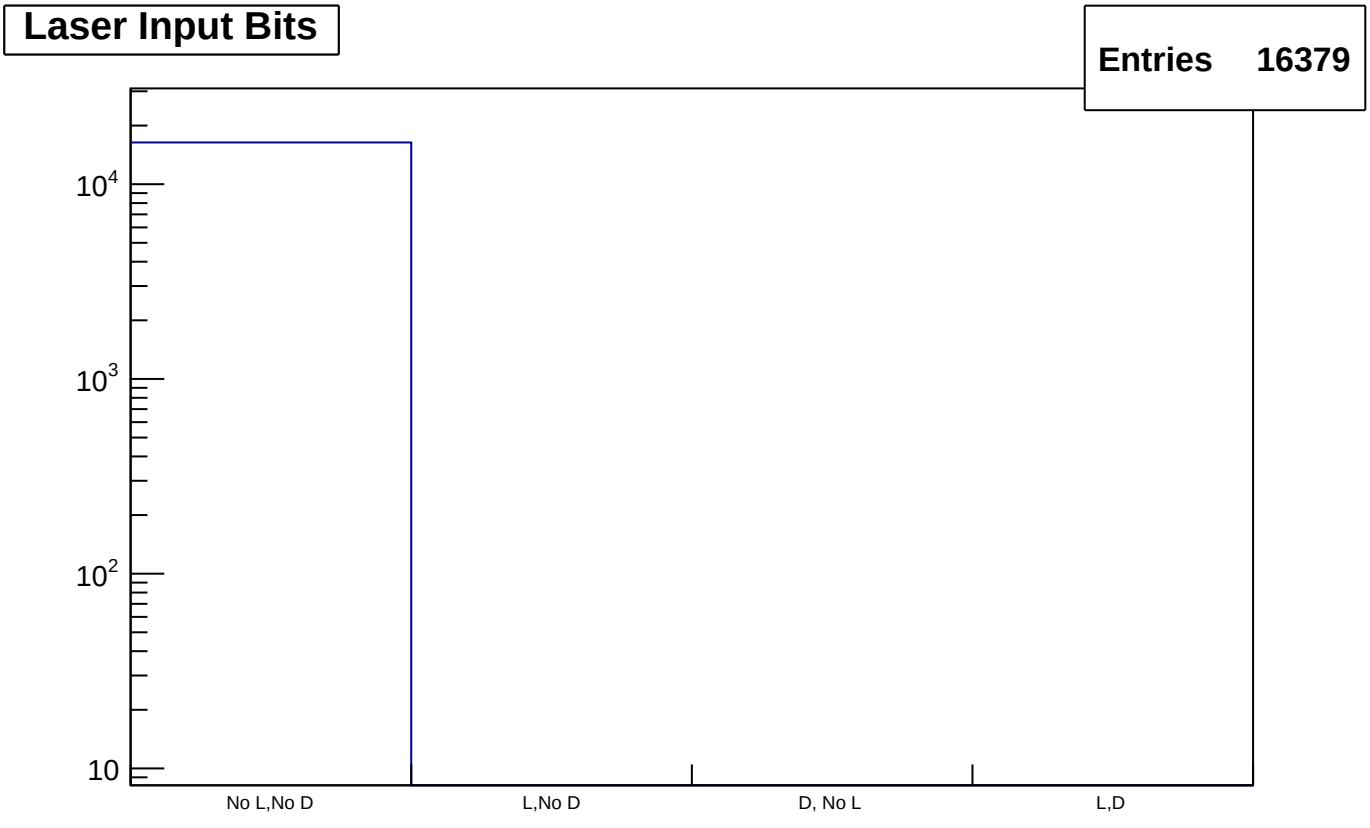

Entries 16379
TOF-Mult
VPD-West ADC Sum

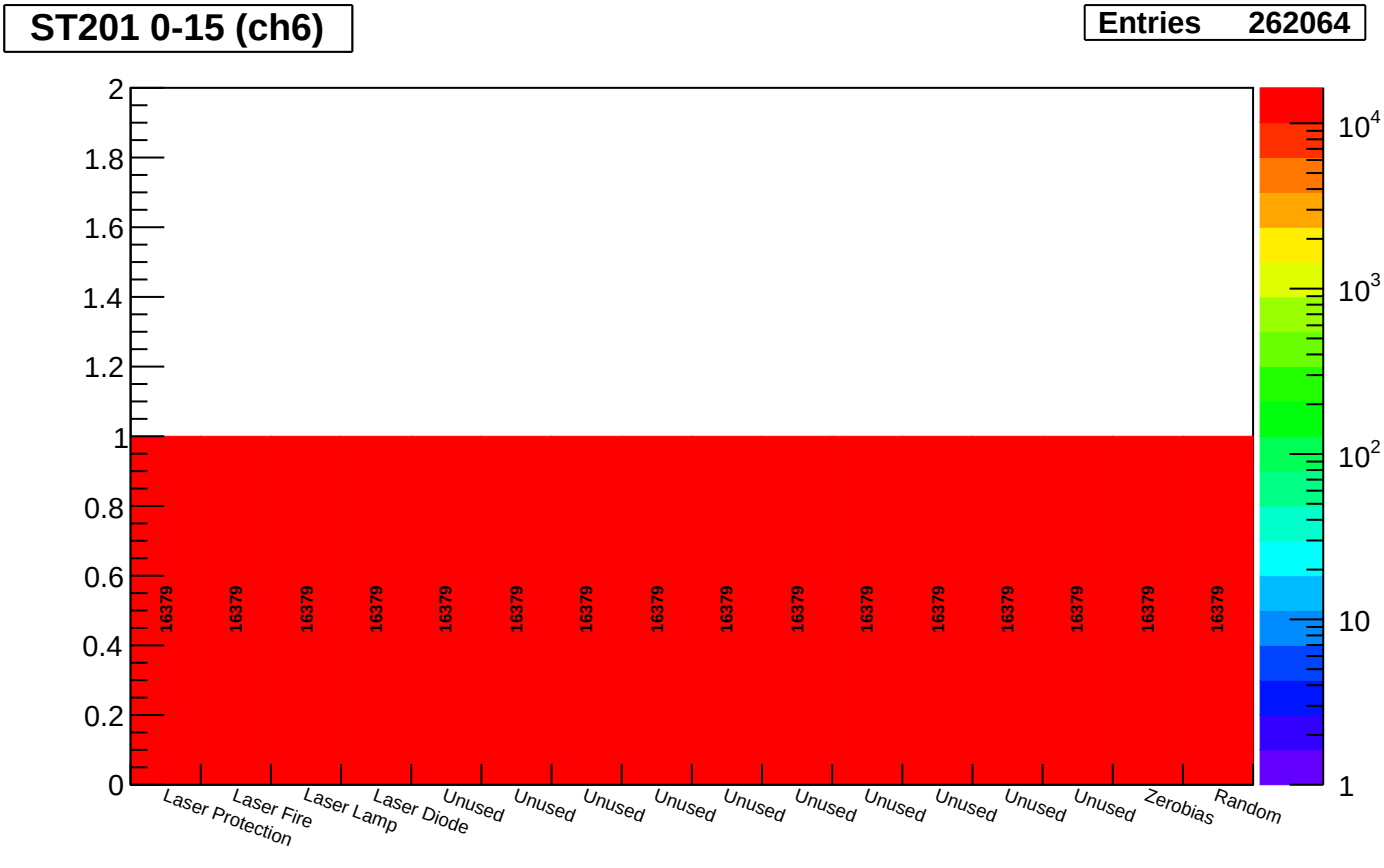

Entries 16379
ZDC TAC Diff
EPD TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}
10^{-3}


Entries 16379
ZDC TAC Diff
VPD TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}
10^{-3}


Entries 16379
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}

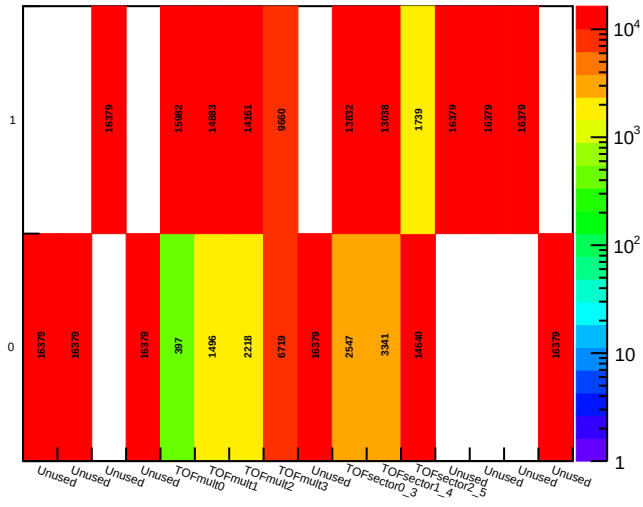

Entries 16379
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^4
10^3
10^2
10
1


Laser Input Bits
Entries 16379
10^4
10^3
10^2
10
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 262064
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
16379
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^4
10^3
10^2
10
1

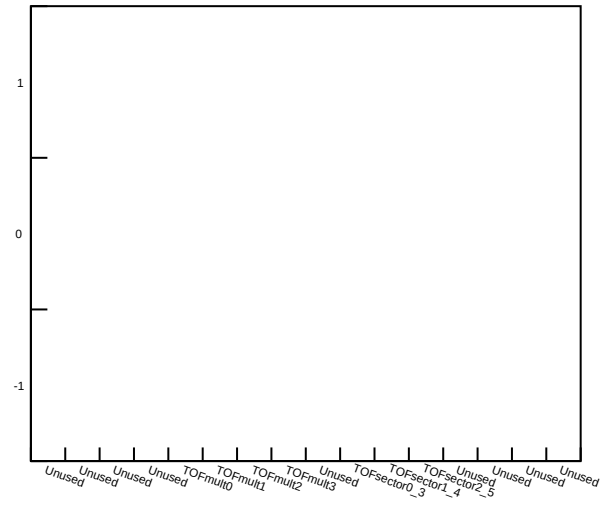
TF201 0-15 (ch0)

Entries 262064



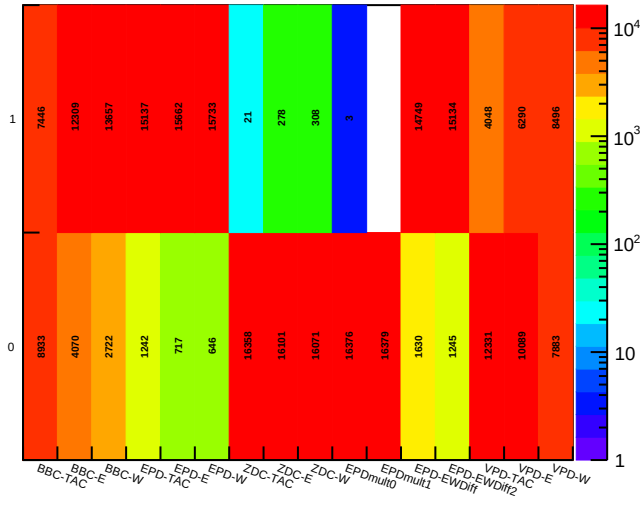
TF201 0-15 (ch0)

Entries 0



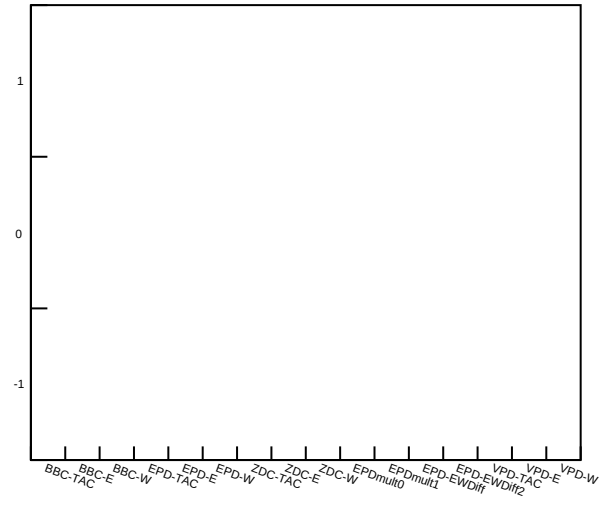
VT201 0-15 (ch1)

Entries 262064



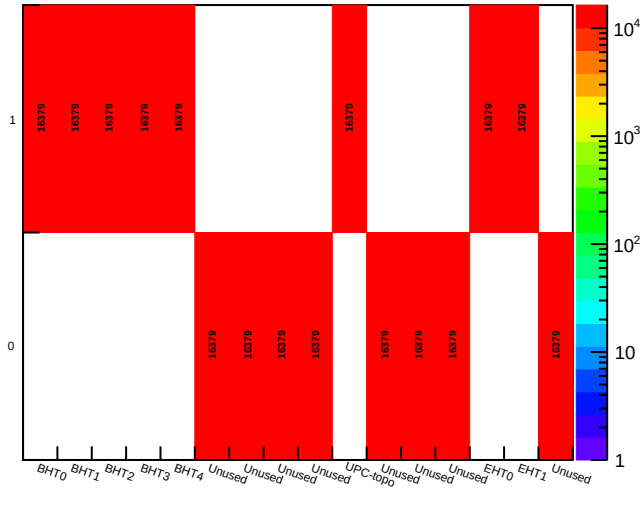
VT201 0-15 (ch1)

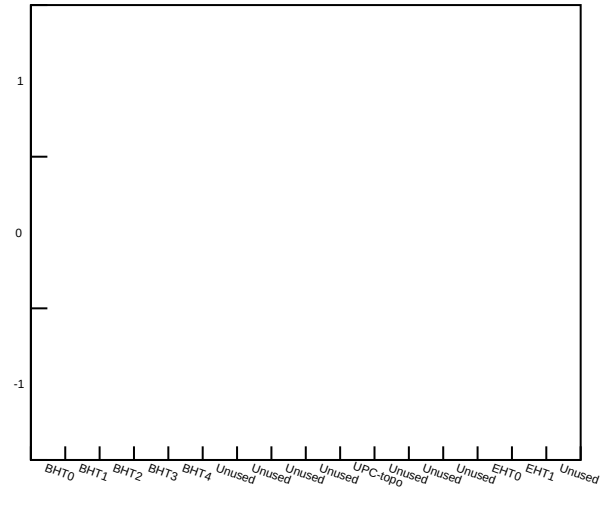
Entries 0



EM201 0-15 (ch3)

Entries 262064



EM201 0-15 (ch3)

Entries 0