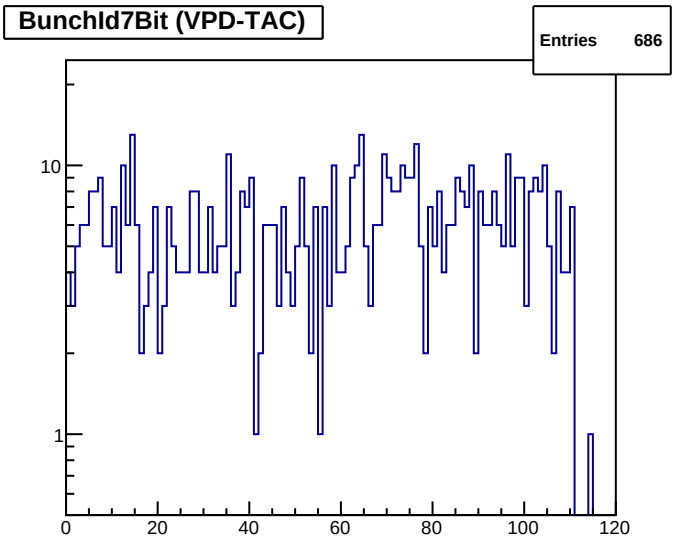
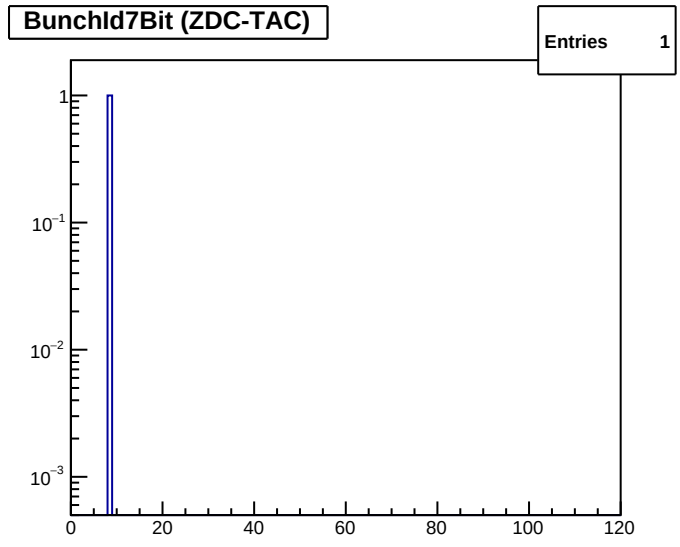
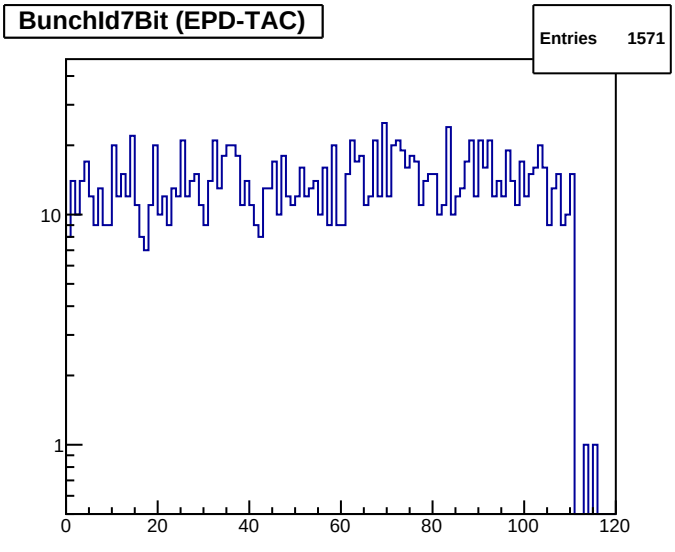
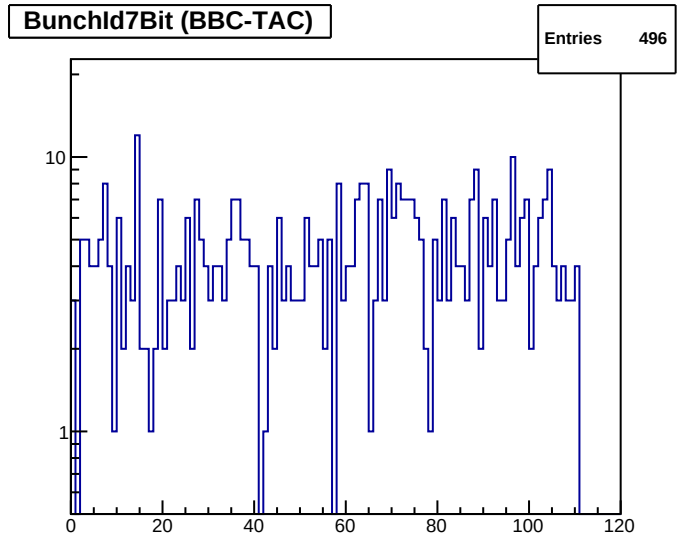
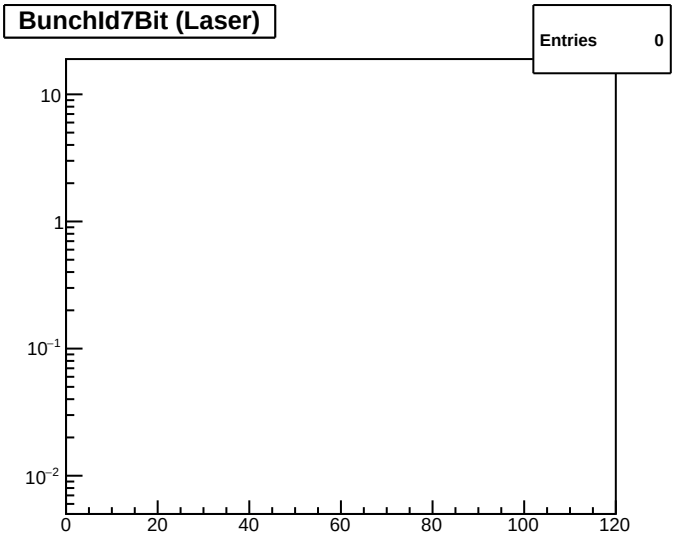
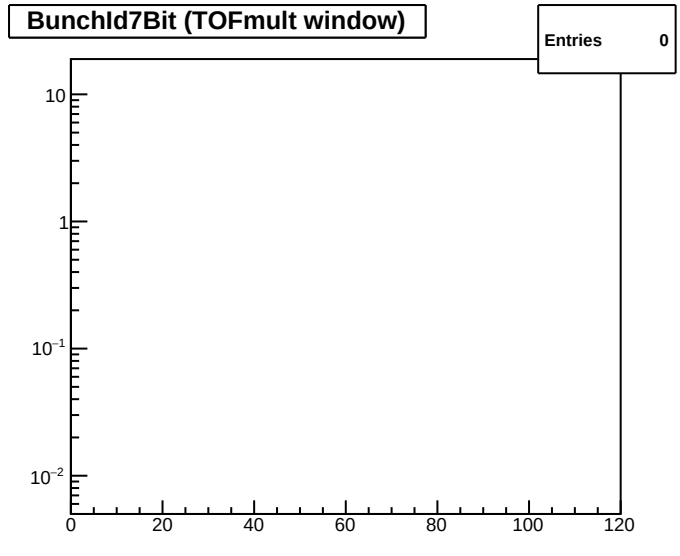

BunchId7Bit (VPD-TAC)
Entries 686

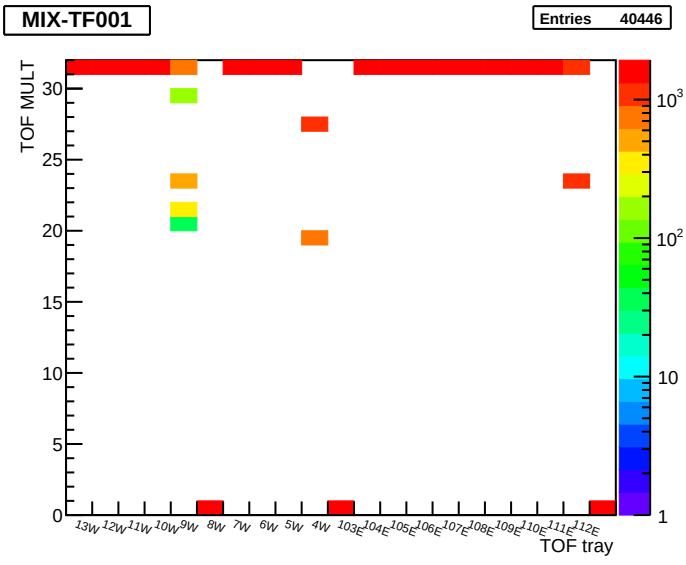

BunchId7Bit (ZDC-TAC)
Entries 1

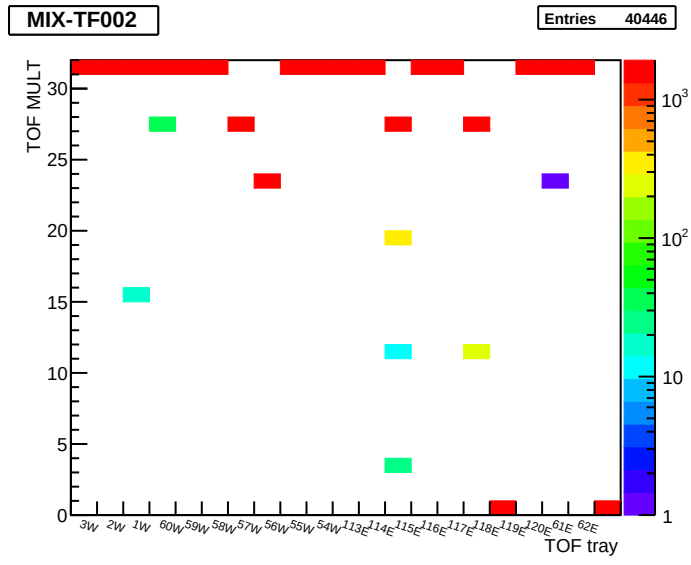

BunchId7Bit (EPD-TAC)
Entries 1571

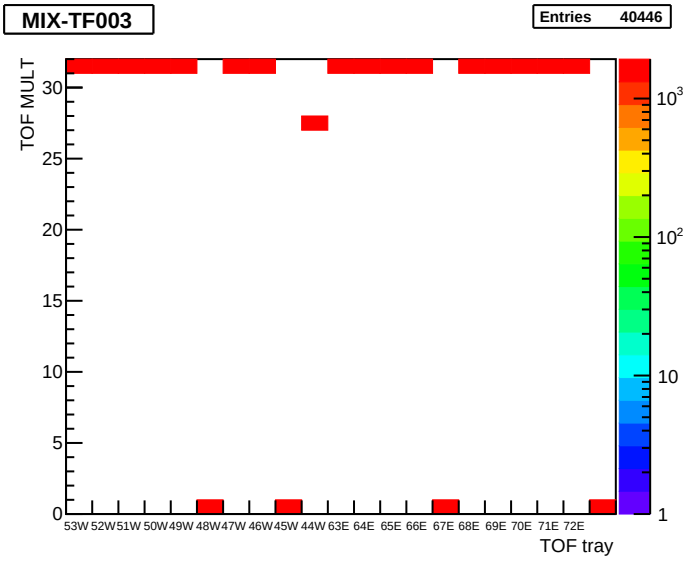

BunchId7Bit (BBC-TAC)
Entries 496

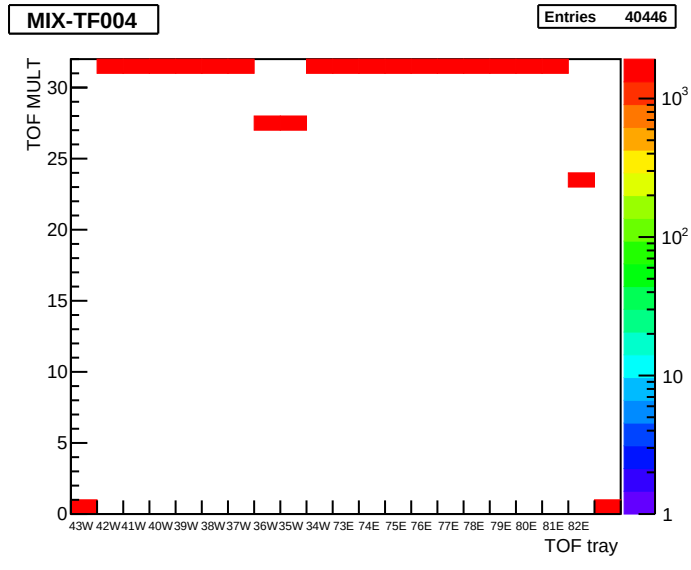

BunchId7Bit (Laser)
Entries 0

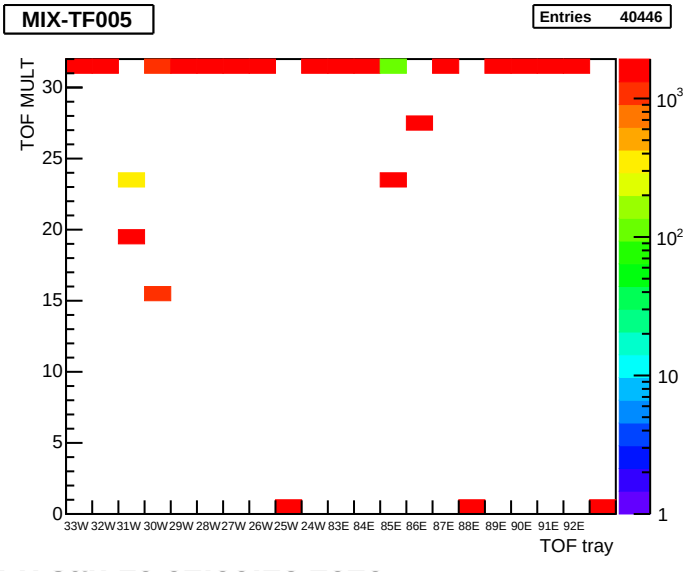

BunchId7Bit (TOFmult window)
Entries 0

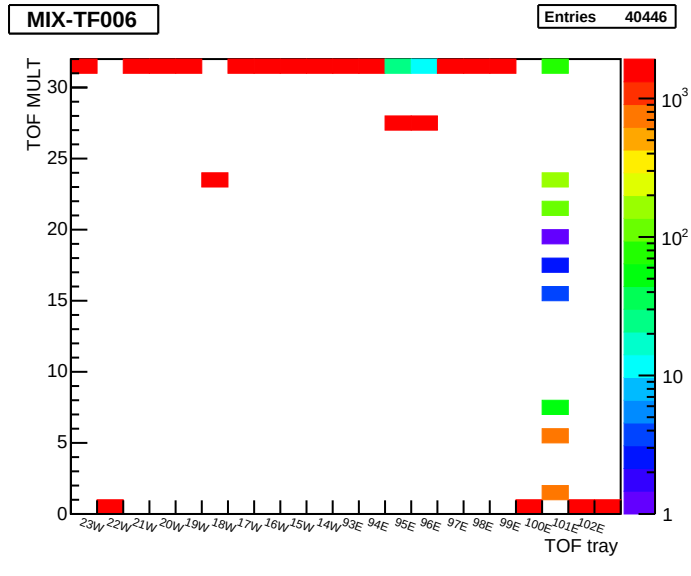

MIX-TF001
Entries 40446
TOF MULT
TOF tray

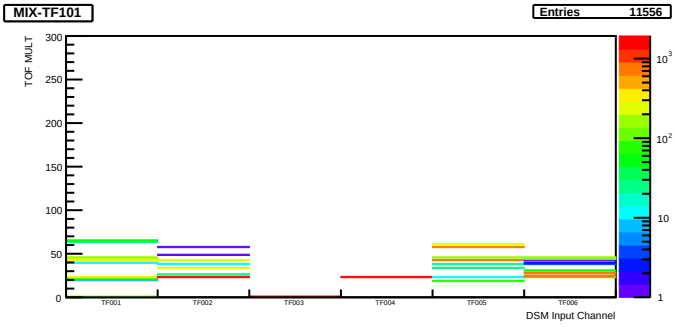

MIX-TF002
Entries 40446
TOF MULT
TOF tray

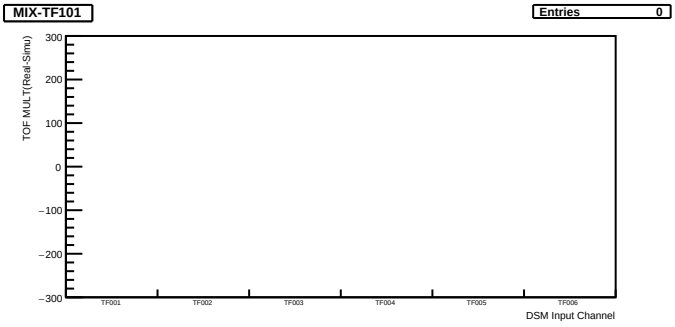

MIX-TF003
Entries 40446
TOF MULT
TOF tray

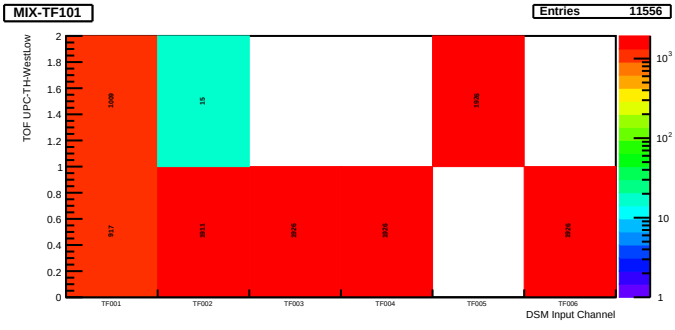

MIX-TF004
Entries 40446
TOF MULT
TOF tray

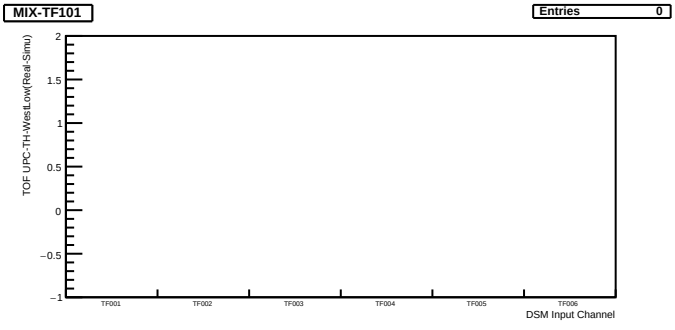

MIX-TF005
Entries 40446
TOF MULT
TOF tray

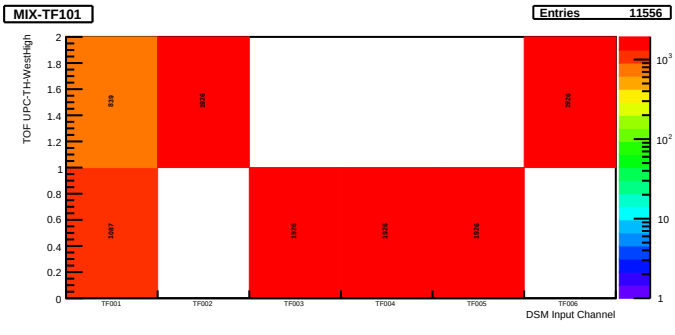

MIX-TF006
Entries 40446
TOF MULT
TOF tray

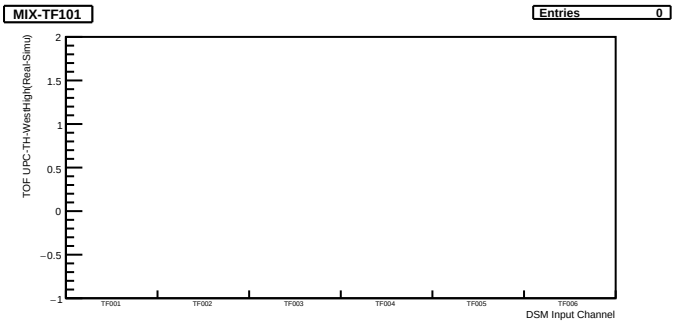

MIX-TF101
Entries 11556
TOF MULT
DSM Input Channel

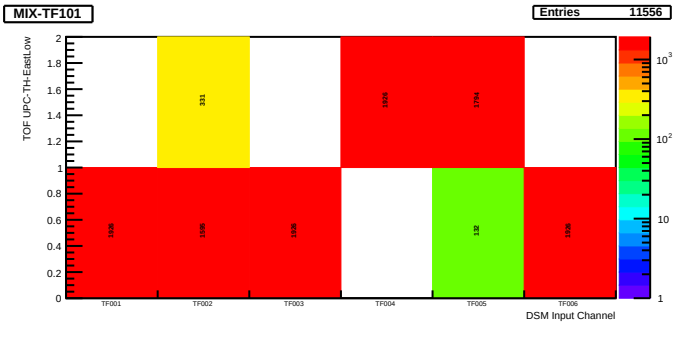

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel

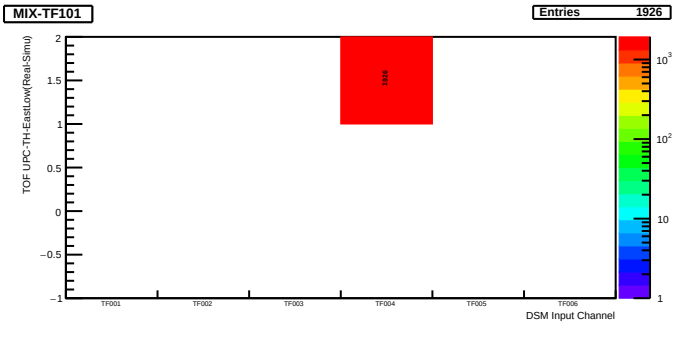

MIX-TF101
Entries 11556
TOF UPC-TH-WestLow
DSM Input Channel

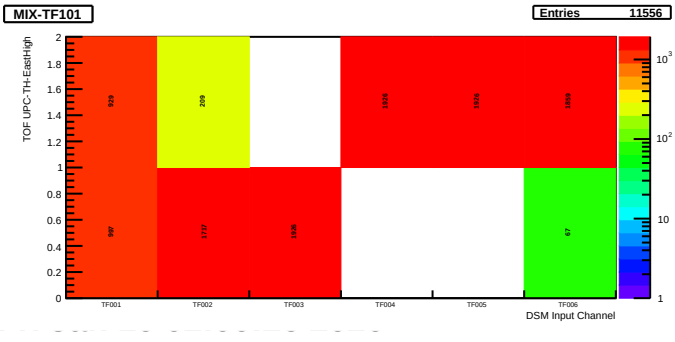

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

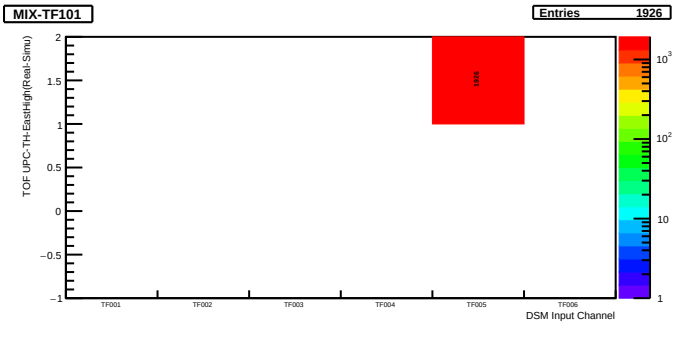

MIX-TF101
Entries 11556
TOF UPC-TH-WestHigh
DSM Input Channel

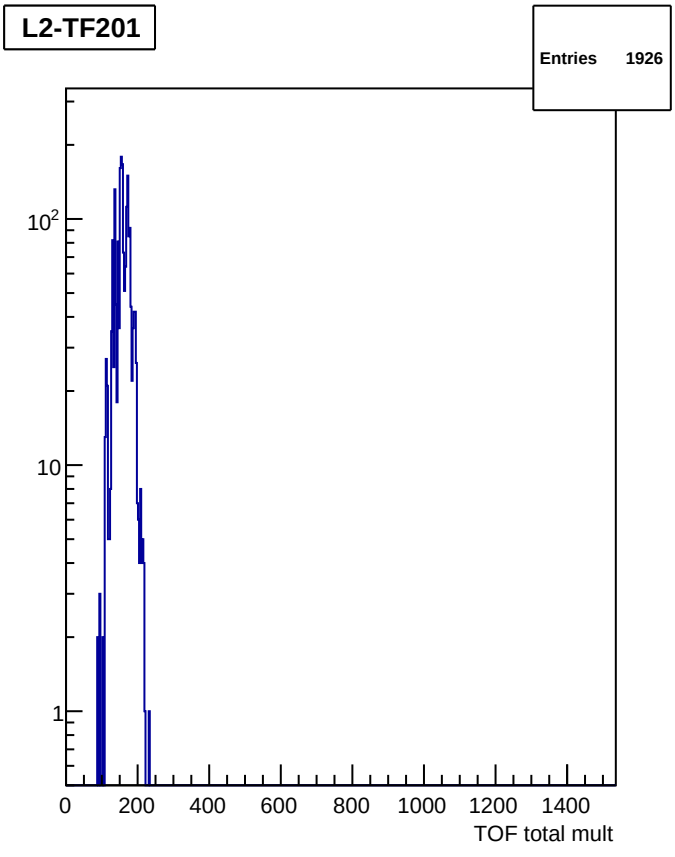

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

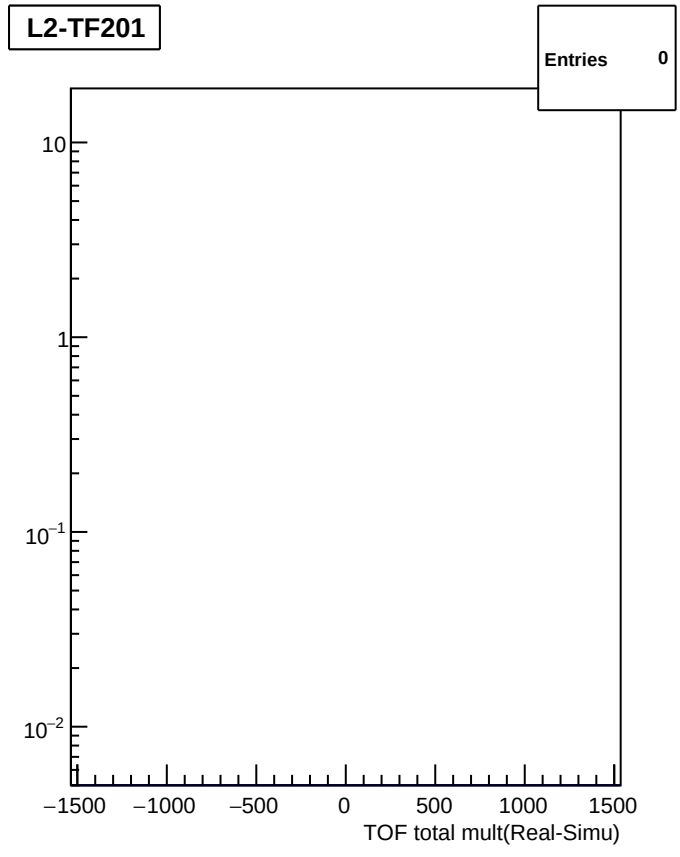

MIX-TF101
Entries 11556
TOF UPC-TH-EastLow
DSM Input Channel

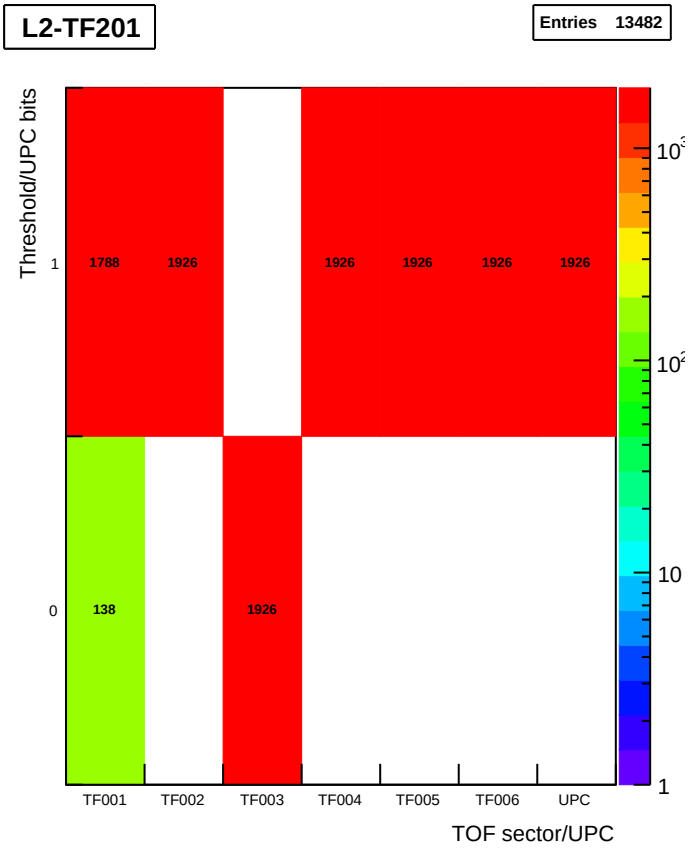

MIX-TF101
Entries 1926
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

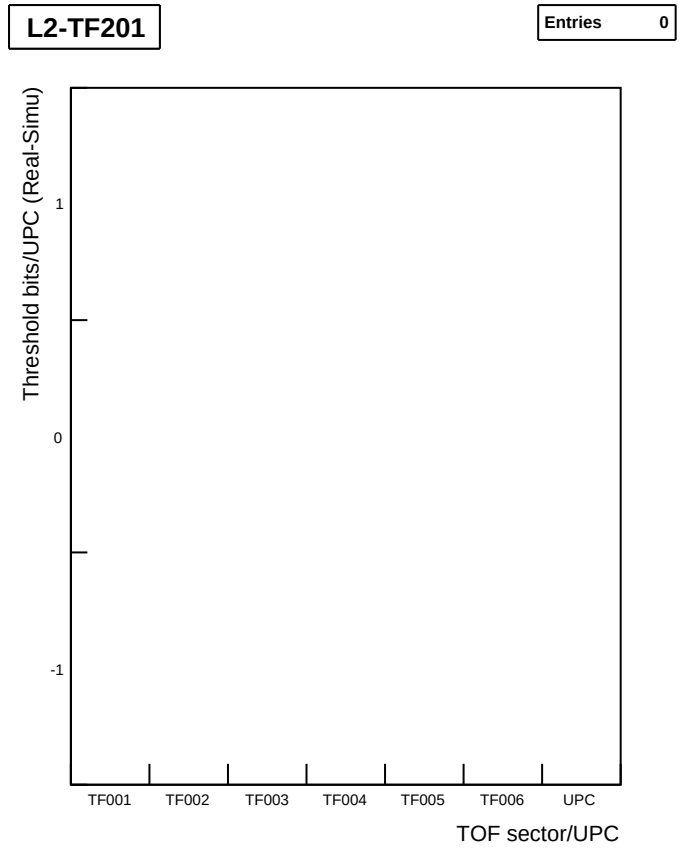

MIX-TF101
Entries 11556
TOF UPC-TH-EastHigh
DSM Input Channel

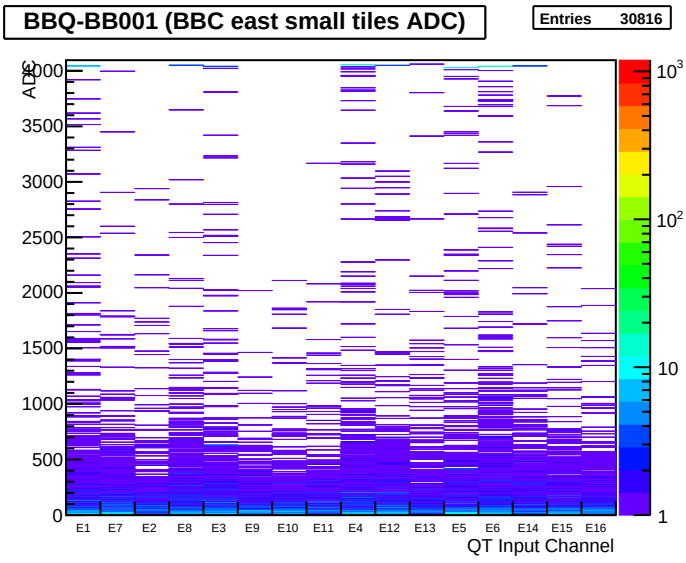

MIX-TF101
Entries 1926
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

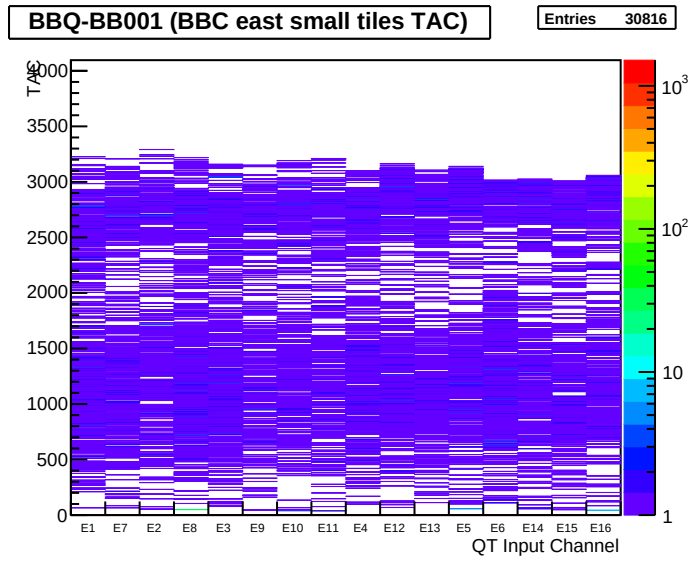

L2-TF201
Entries 1926
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

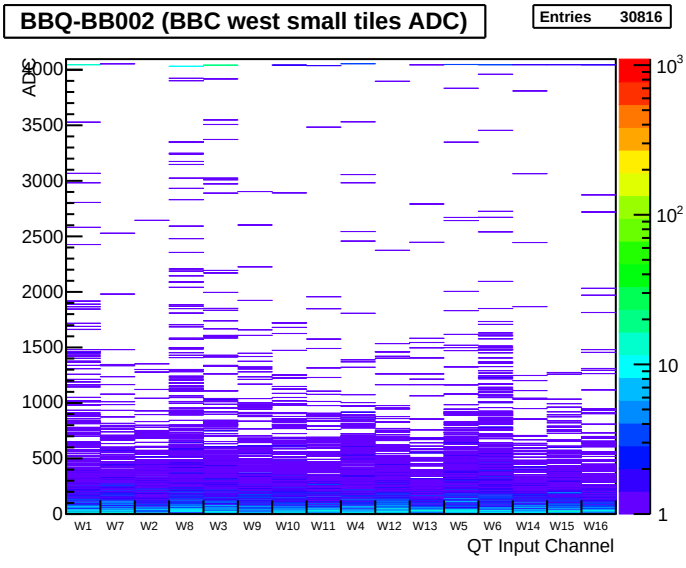

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

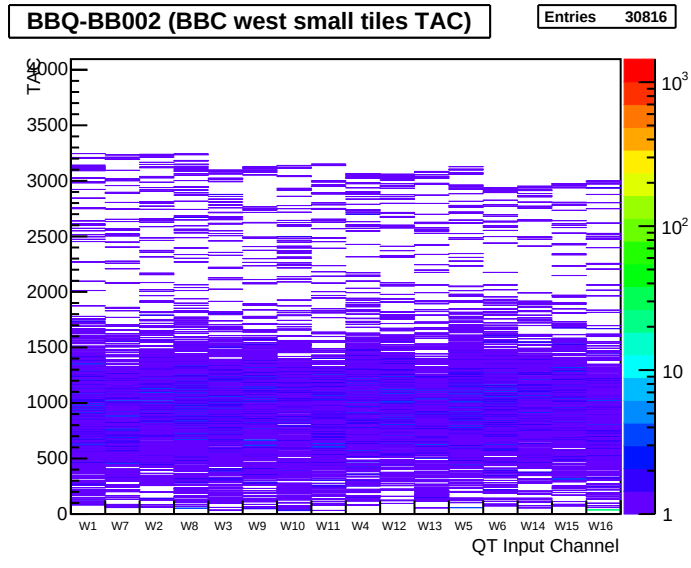

L2-TF201
Entries 13482
Threshold/UPC bits
1
0
1788
1926
1926
1926
1926
1926
138
1926
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC
10
1

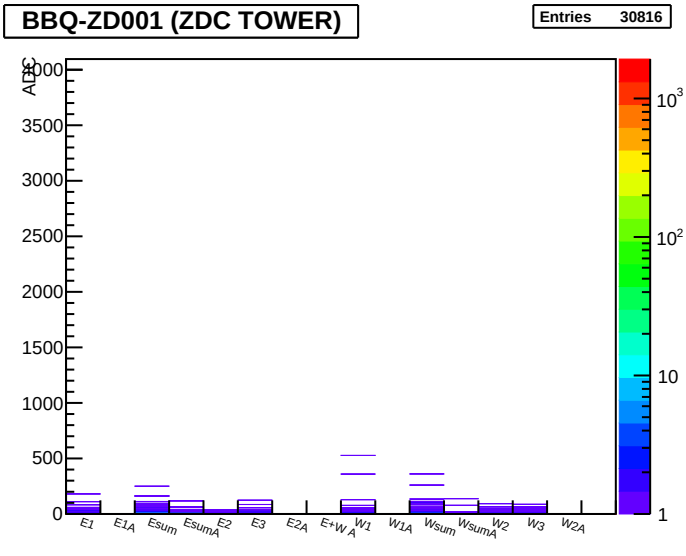

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

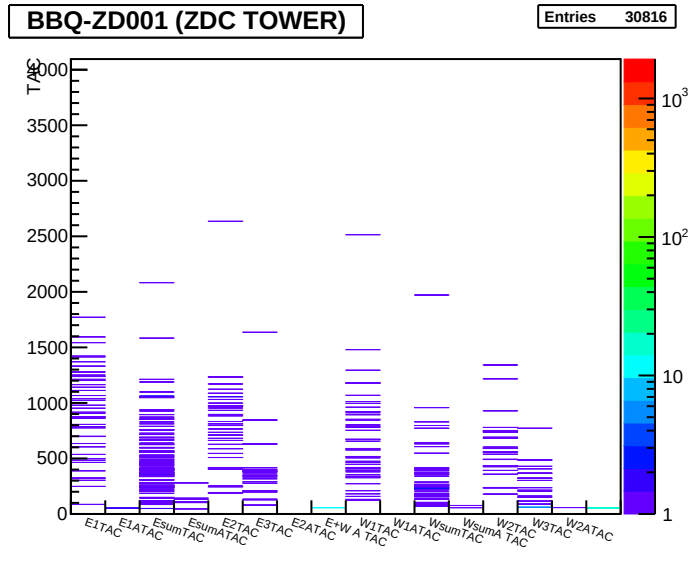

BBQ-BB001 (BBC east small tiles ADC)
Entries 30816
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

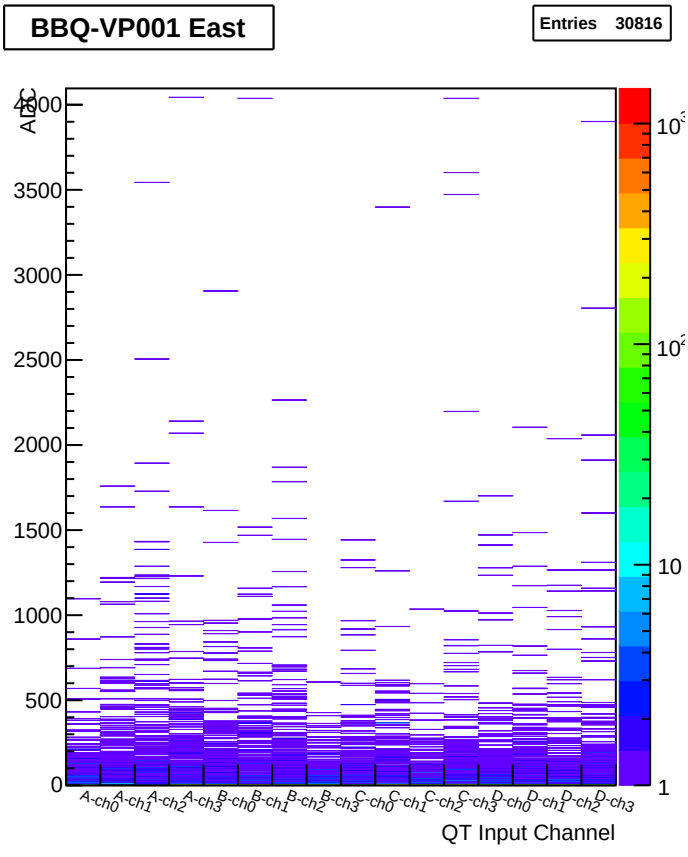

BBQ-BB001 (BBC east small tiles TAC)
Entries 30816
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

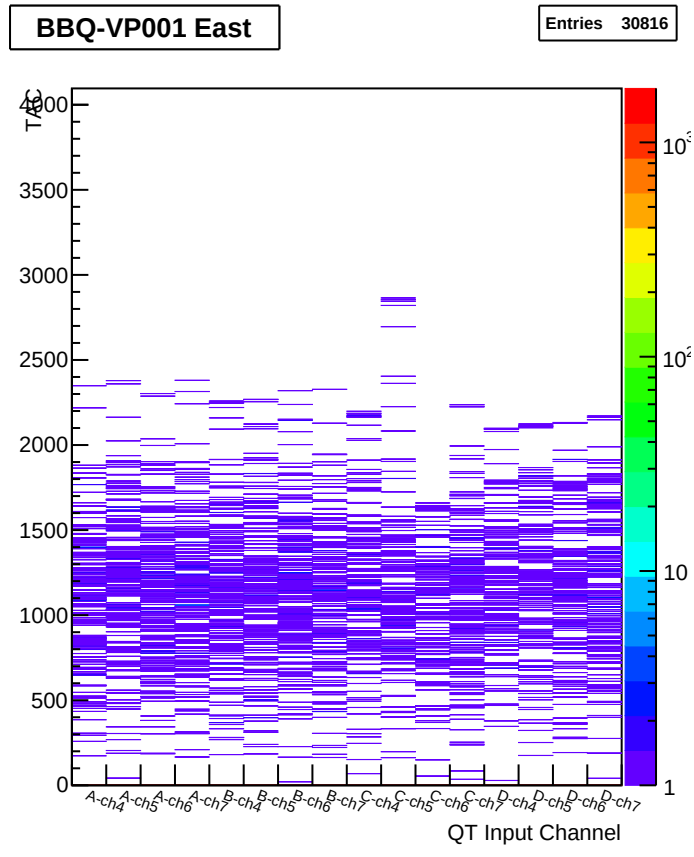

BBQ-BB002 (BBC west small tiles ADC)
Entries 30816
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

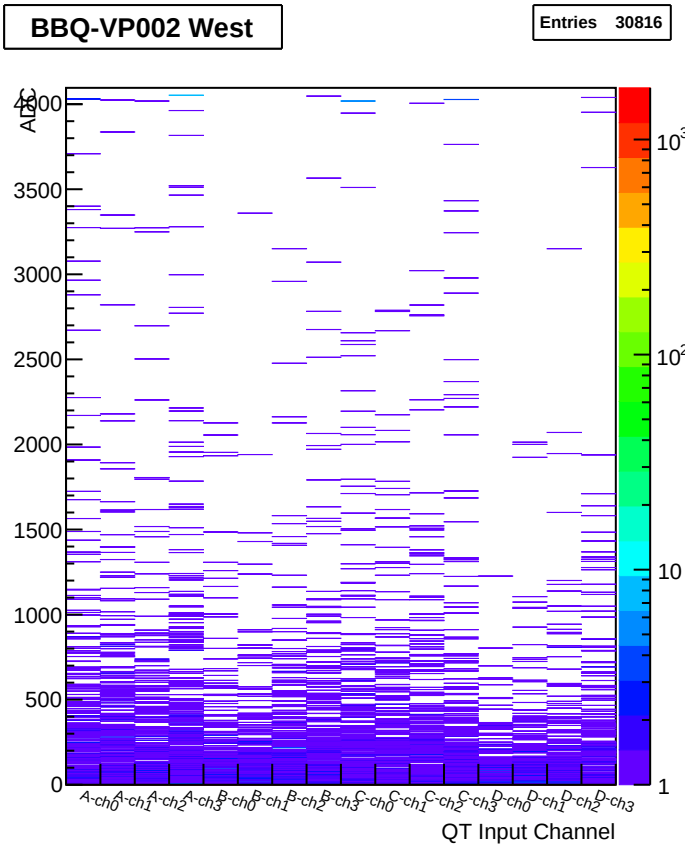

BBQ-BB002 (BBC west small tiles TAC)
Entries 30816
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

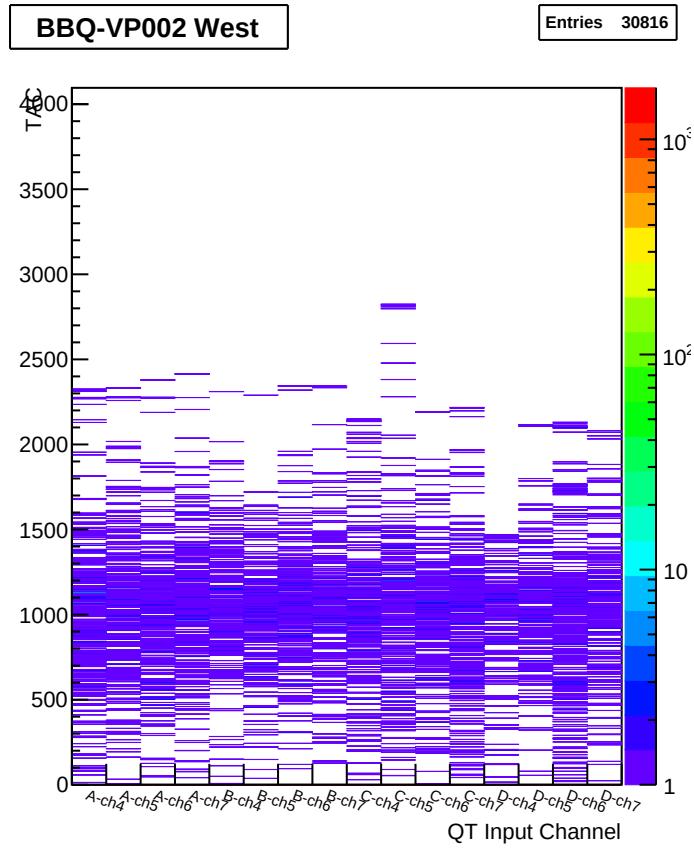

BBQ-ZD001 (ZDC TOWER)
Entries 30816
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

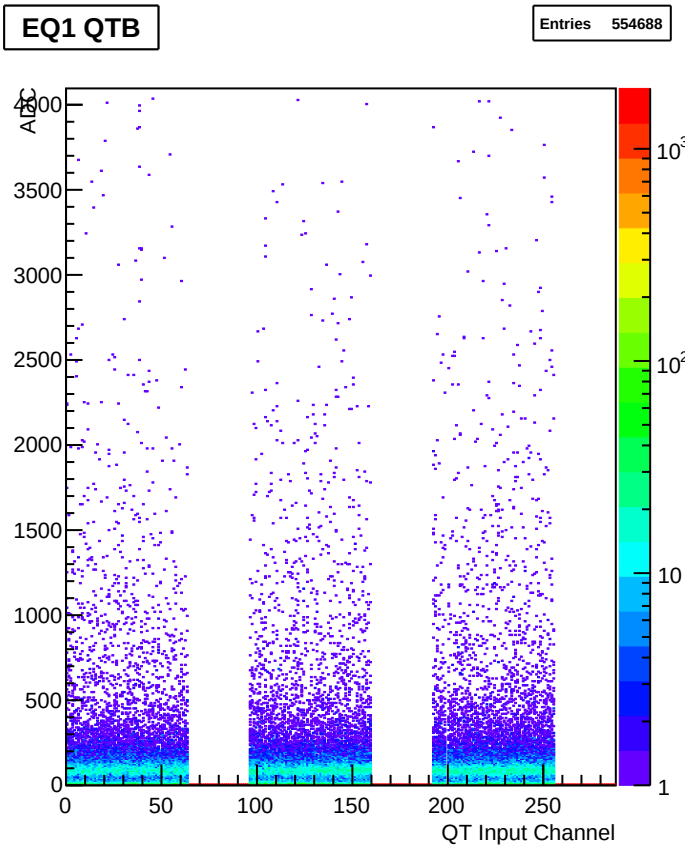

BBQ-ZD001 (ZDC TOWER)
Entries 30816
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

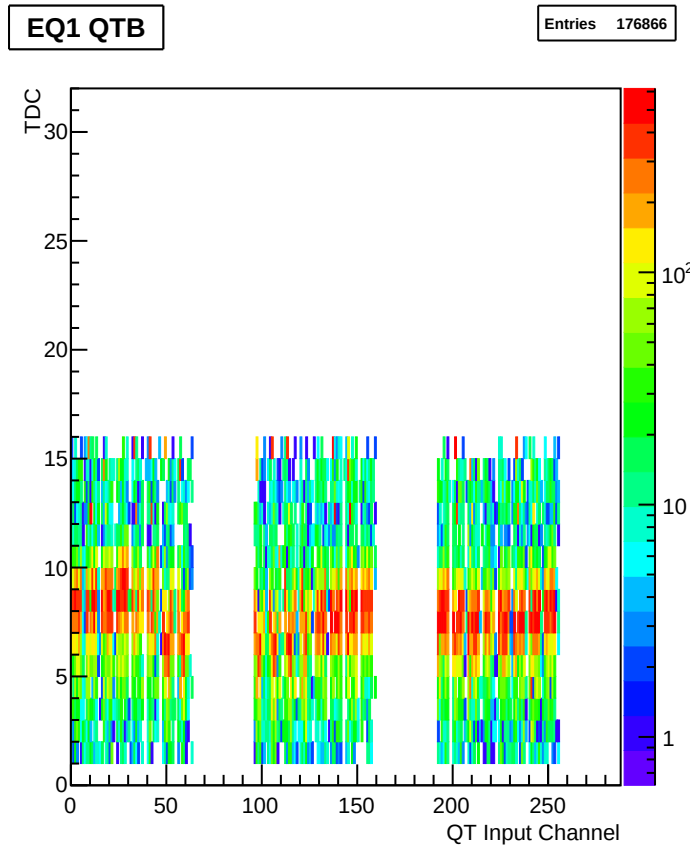

BBQ-VP001 East
Entries 30816
ADC
QT Input Channel

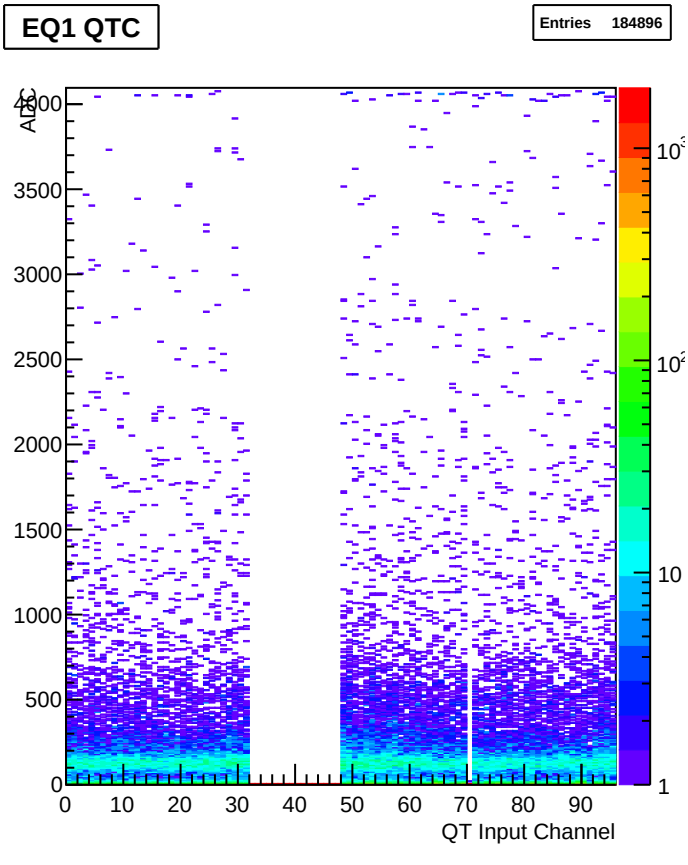

BBQ-VP001 East
Entries 30816
TADC
QT Input Channel

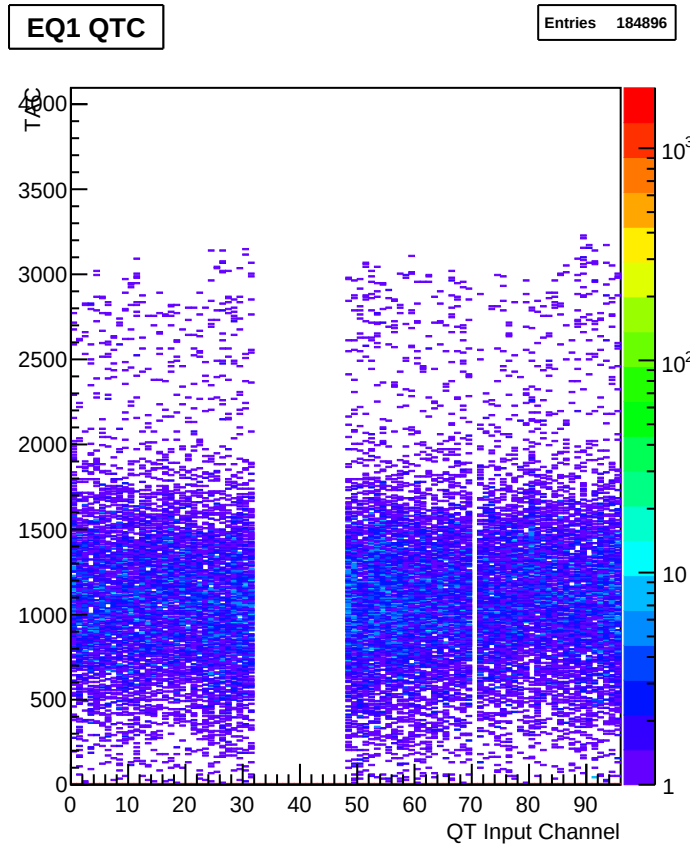

BBQ-VP002 West
Entries 30816
ADC
QT Input Channel

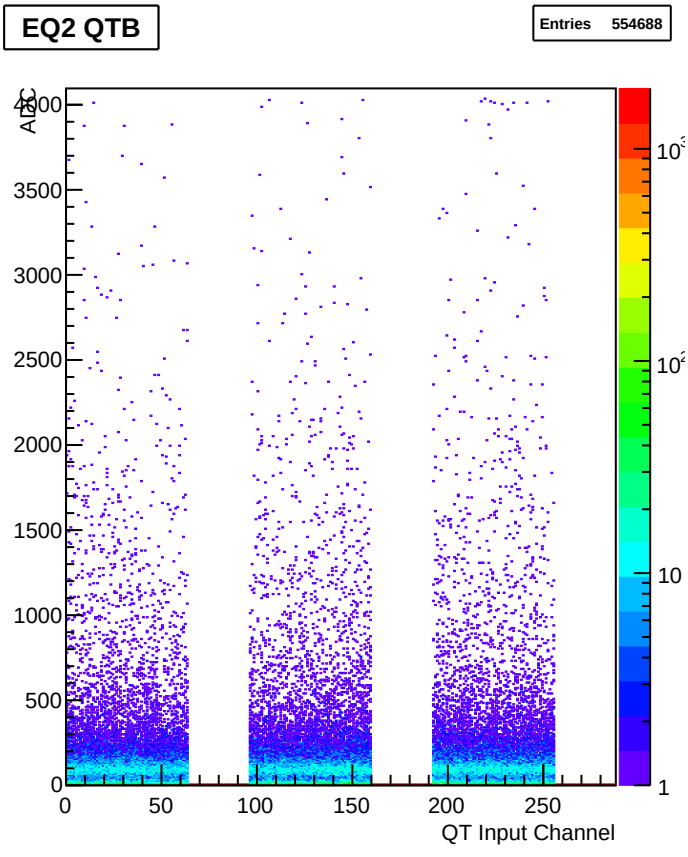

BBQ-VP002 West
Entries 30816
TADC
QT Input Channel

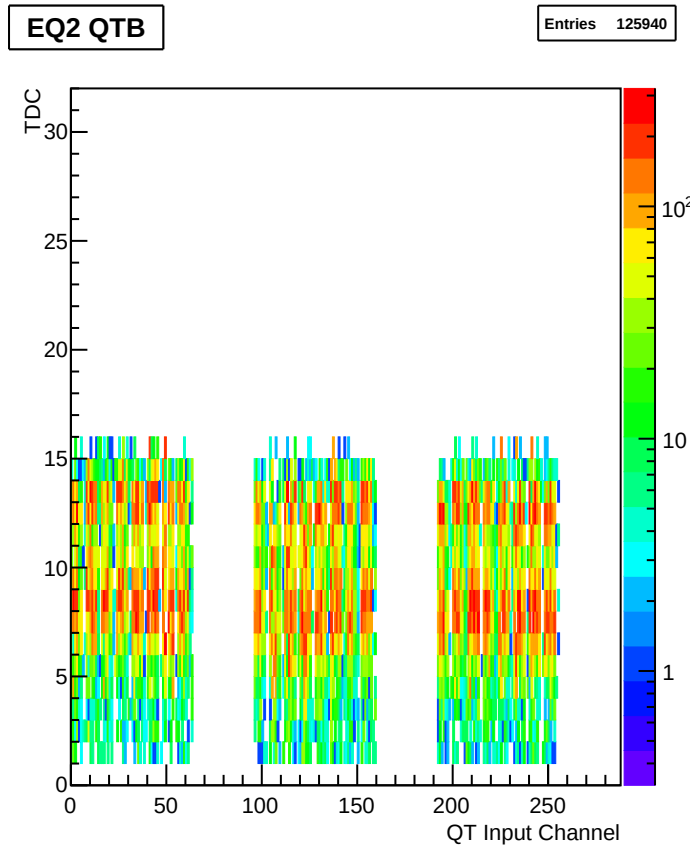

EQ1 QTB
Entries 554688
ADC
QT Input Channel

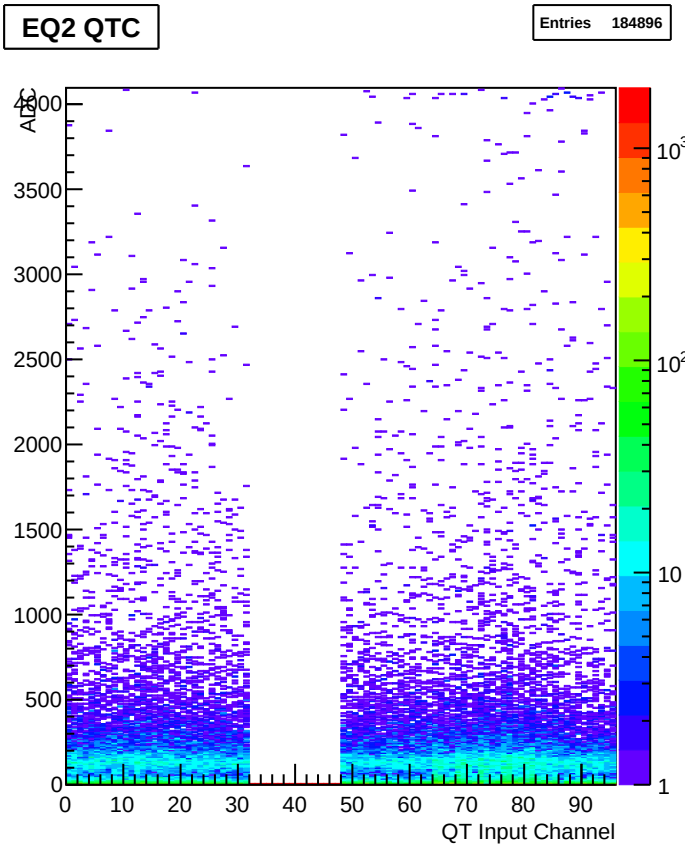

EQ1 QTB
Entries 176866
TDC
QT Input Channel

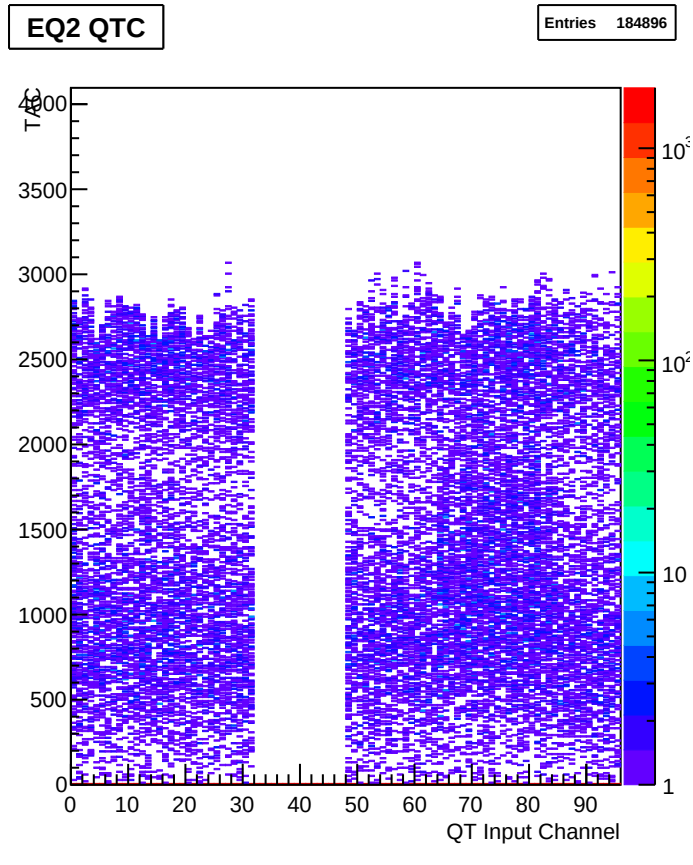

EQ1 QTC
Entries 184896
ADC
QT Input Channel

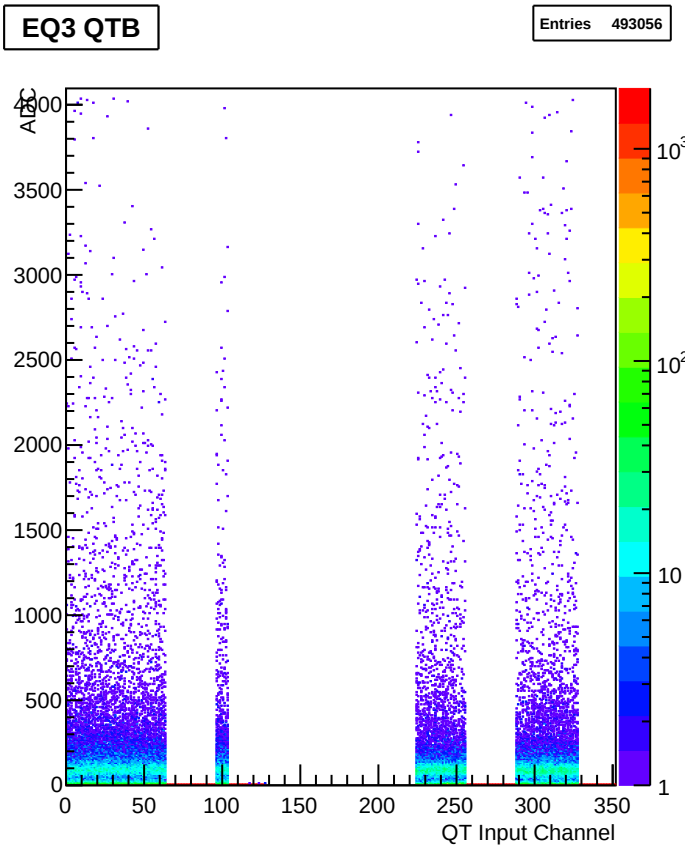

EQ1 QTC
Entries 184896
TADC
QT Input Channel

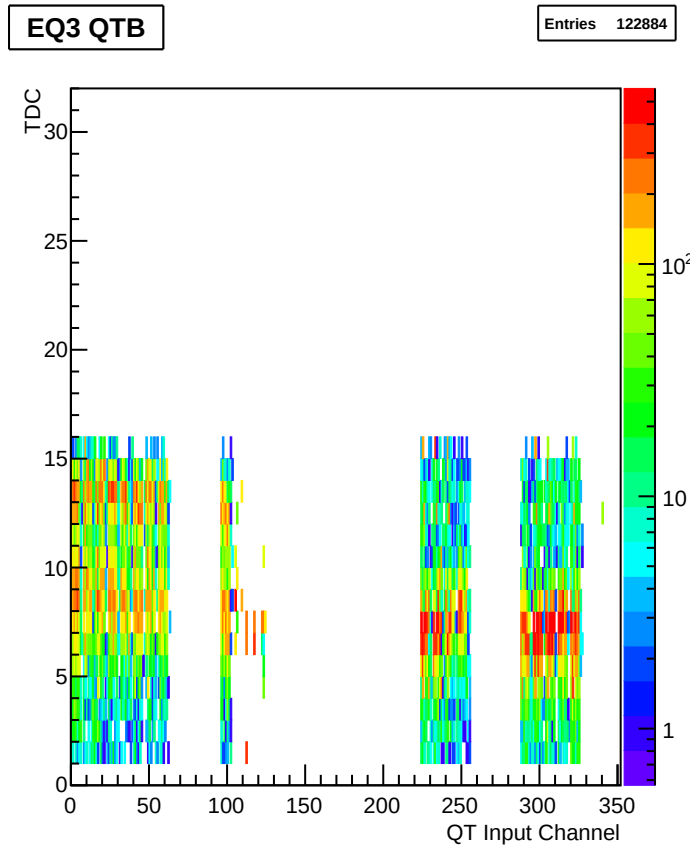

EQ2 QTB
Entries 554688
ADC
QT Input Channel

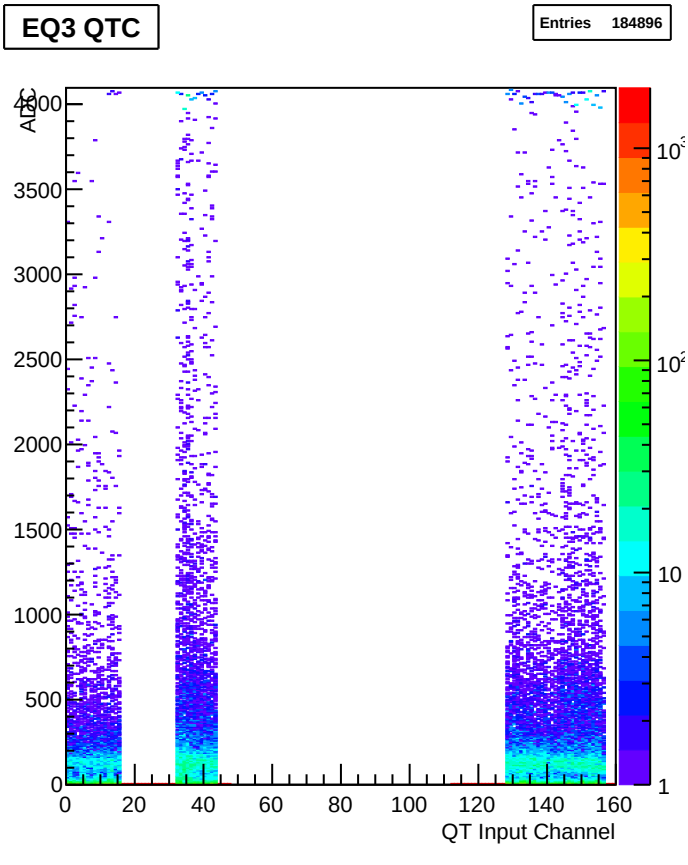

EQ2 QTB
Entries 125940
TDC
QT Input Channel

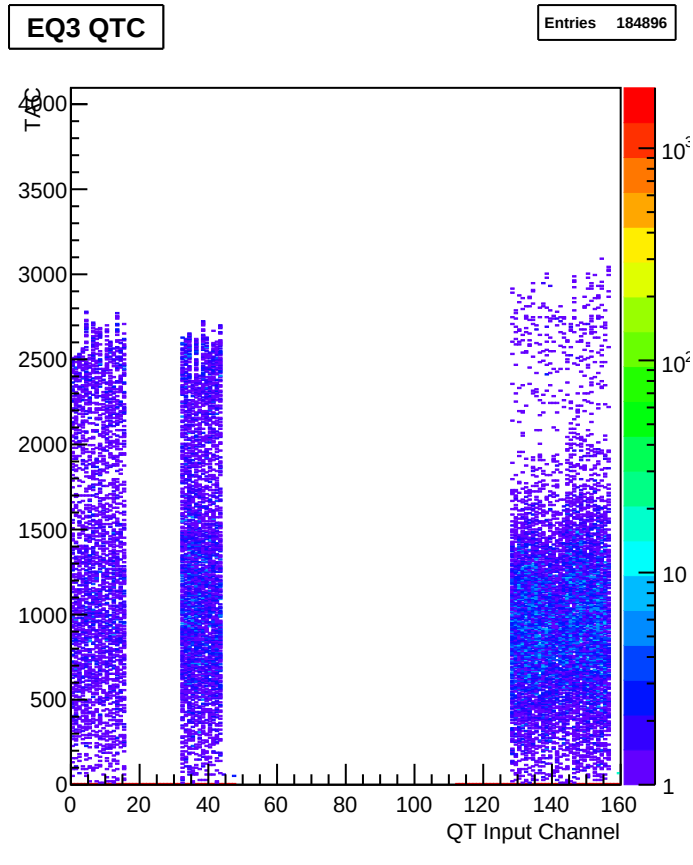

EQ2 QTC
Entries 184896
ADC
QT Input Channel

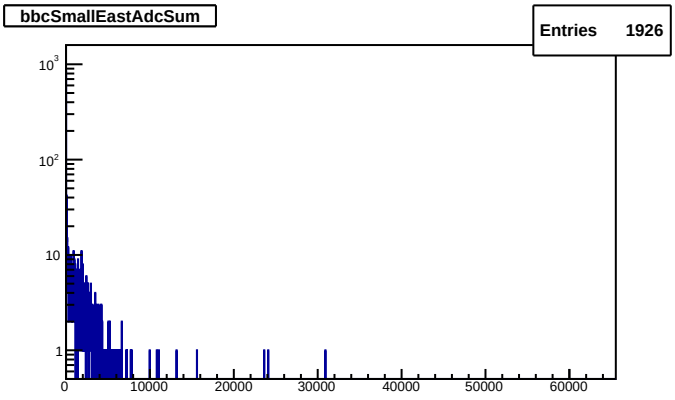

EQ2 QTC
Entries 184896
TADC
QT Input Channel

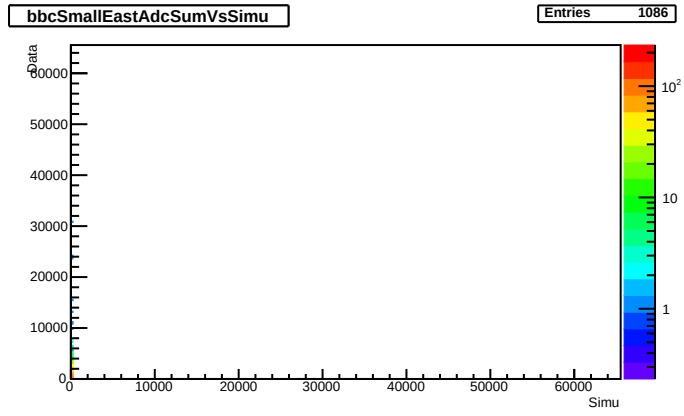

EQ3 QTB
Entries 493056
ADC
QT Input Channel

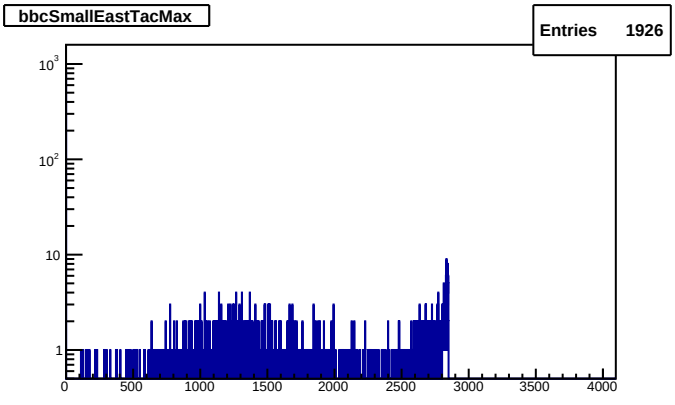

EQ3 QTB
Entries 122884
TDC
QT Input Channel

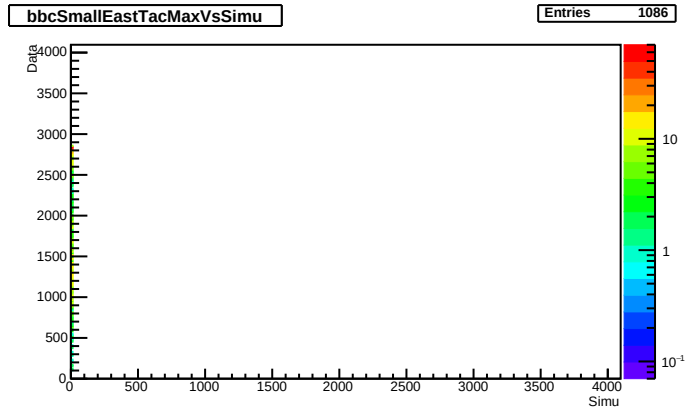

EQ3 QTC
Entries 184896
ADC
QT Input Channel

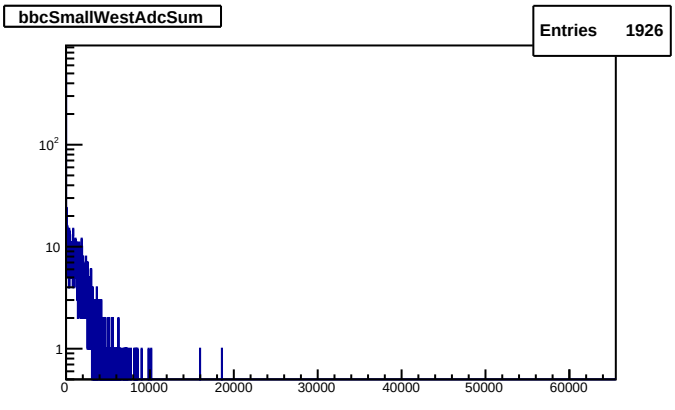

EQ3 QTC
Entries 184896
TADC
QT Input Channel

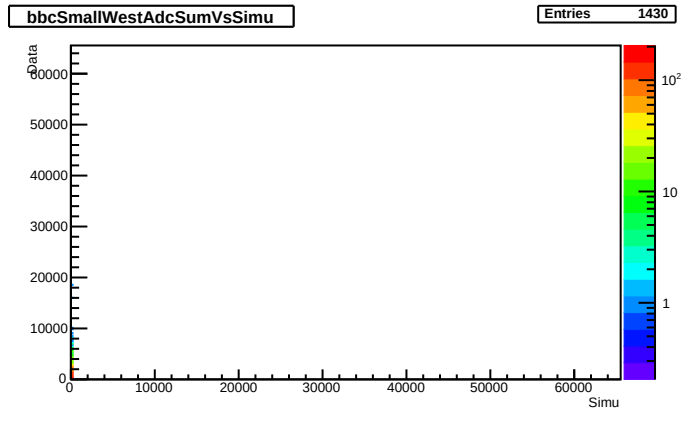

bbcSmallEastAdcSum
Entries 1926

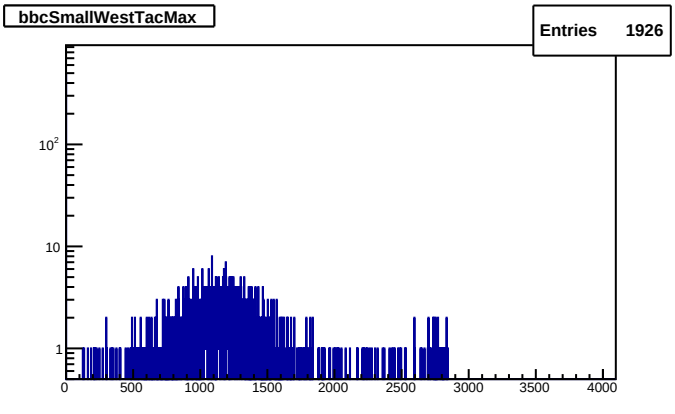

bbcSmallEastAdcSumVsSimu
Entries 1086
Data
Simu

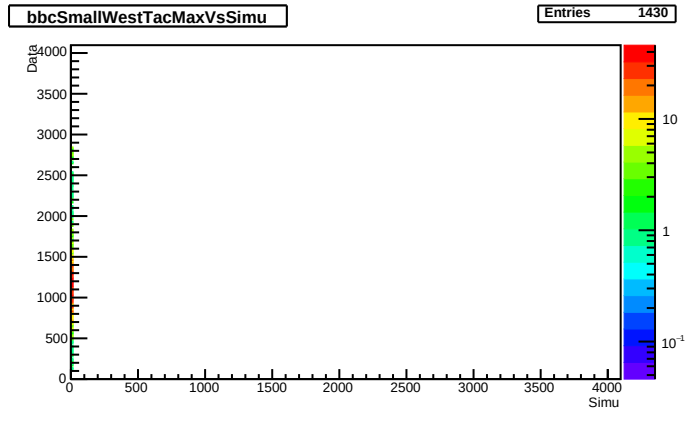

bbcSmallEastTacMax
Entries 1926

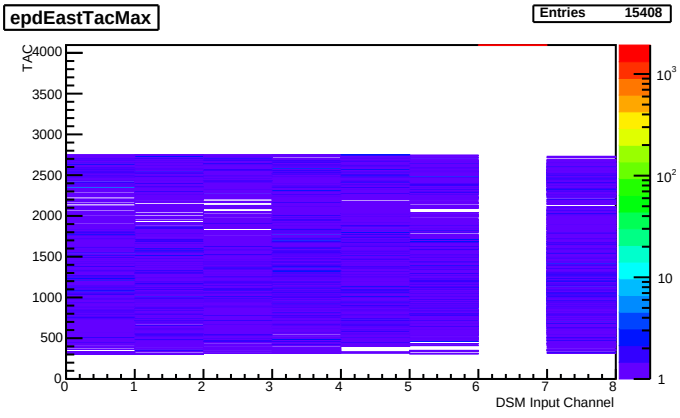

bbcSmallEastTacMaxVsSimu
Entries 1086
Data
Simu

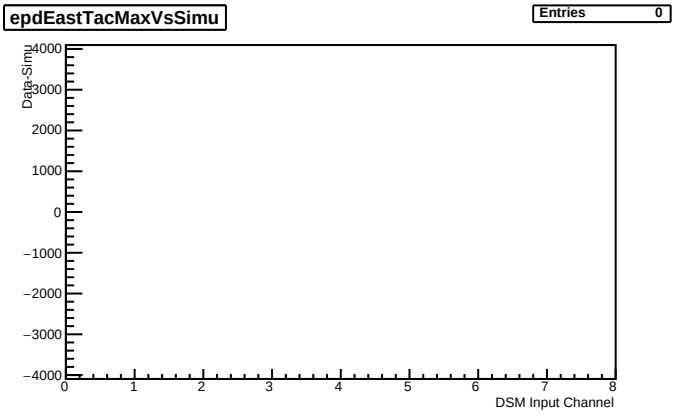

bbcSmallWestAdcSum
Entries 1926

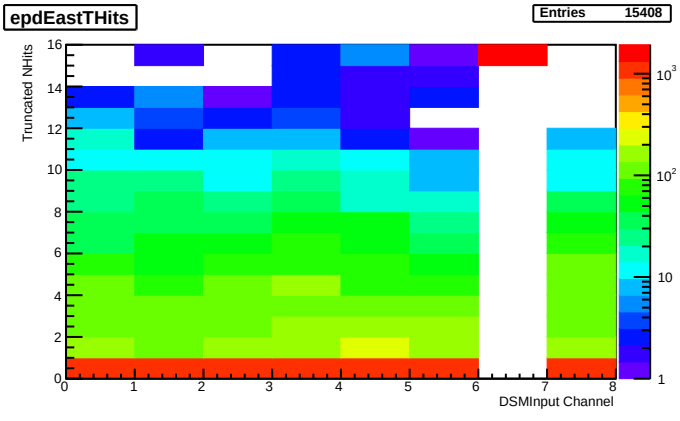

bbcSmallWestAdcSumVsSimu
Entries 1430
Data
Simu

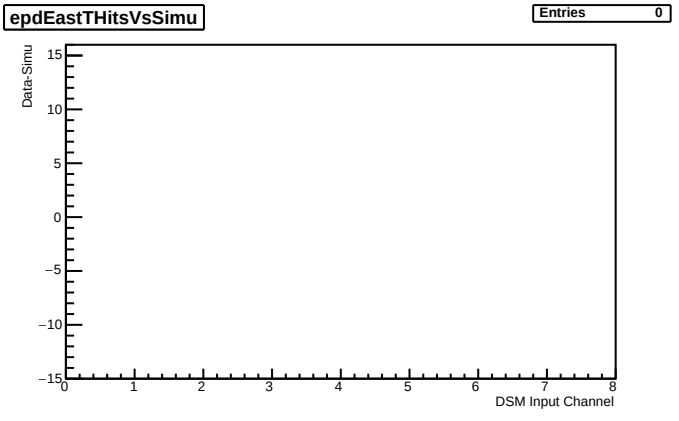

bbcSmallWestTacMax
Entries 1926

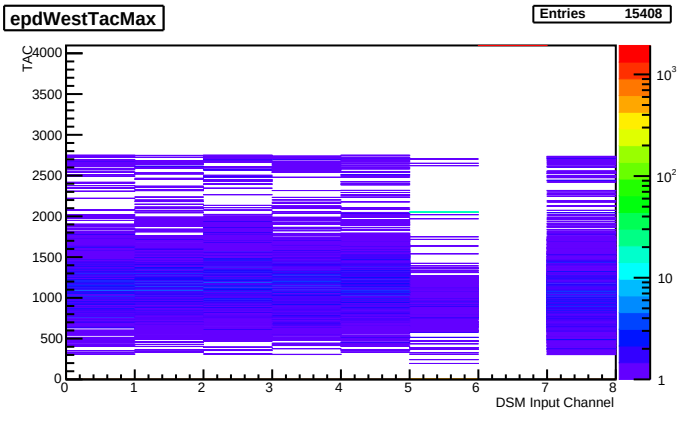

bbcSmallWestTacMaxVsSimu
Entries 1430
Data
Simu

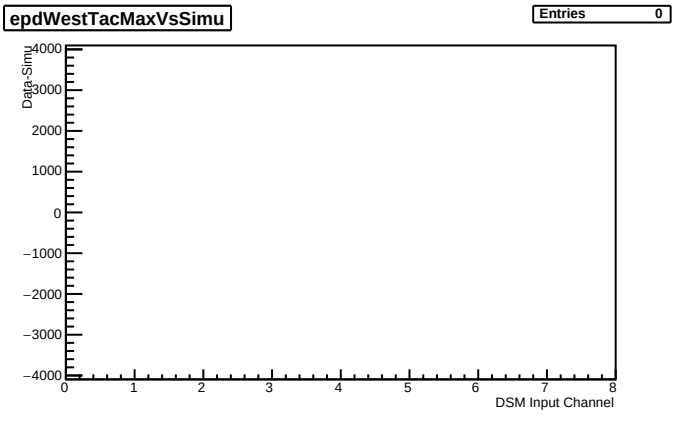

epdEastTacMax
Entries 15408
TAC
DSM Input Channel

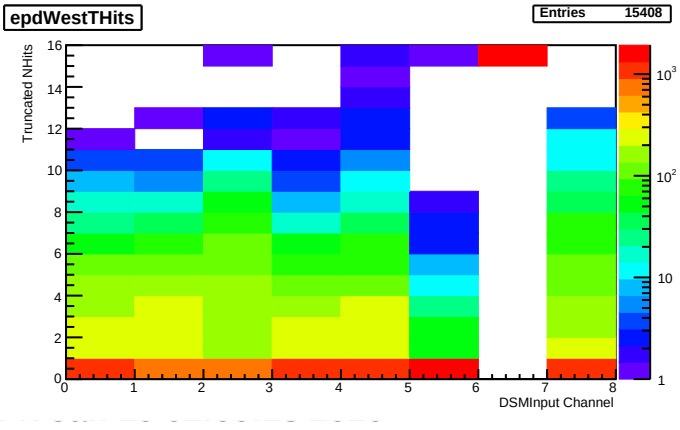

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

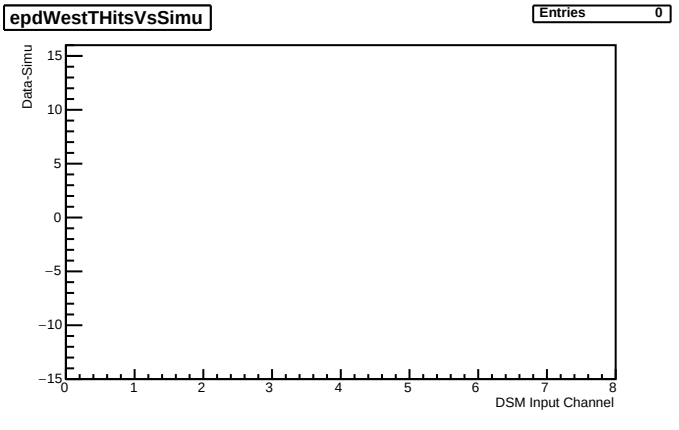

epdEastTHits
Entries 15408
Truncated NHits
DSMInput Channel

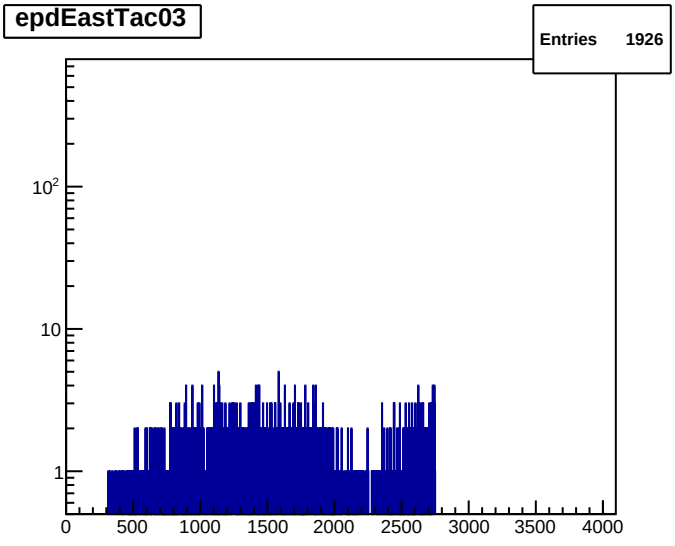

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

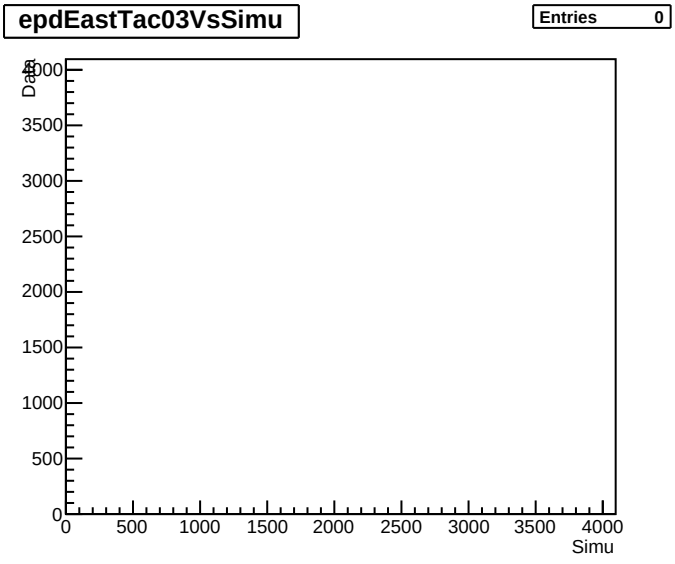

epdWestTacMax
Entries 15408
TAC
DSM Input Channel

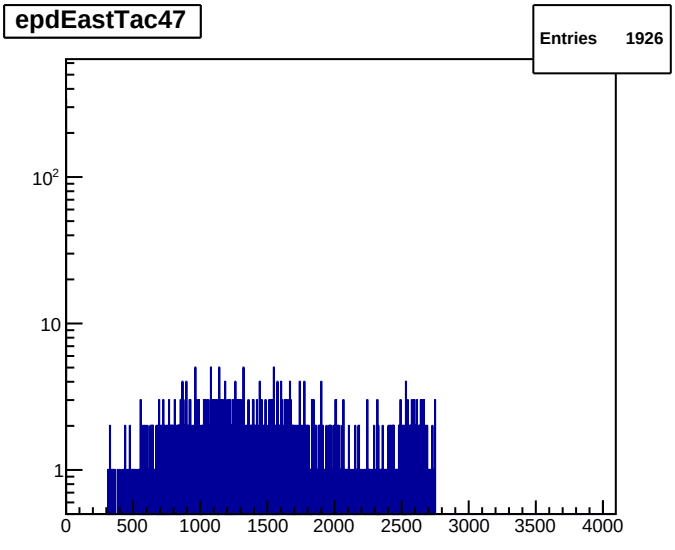

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

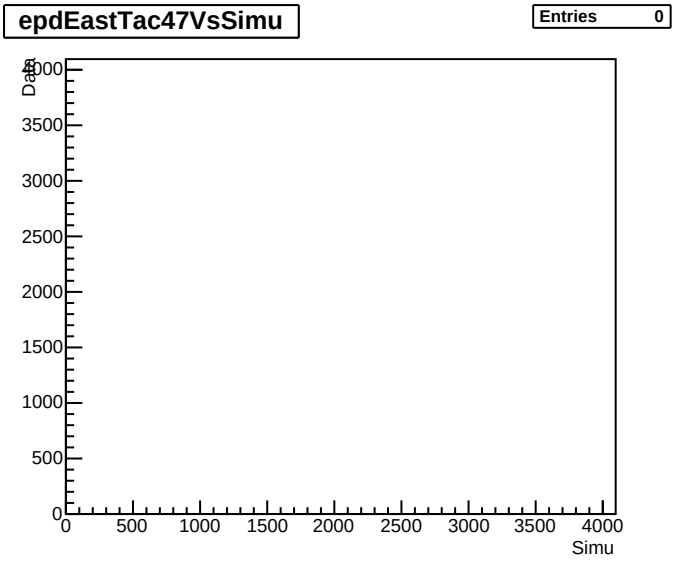

epdWestTHits
Entries 15408
Truncated NHits
DSMInput Channel

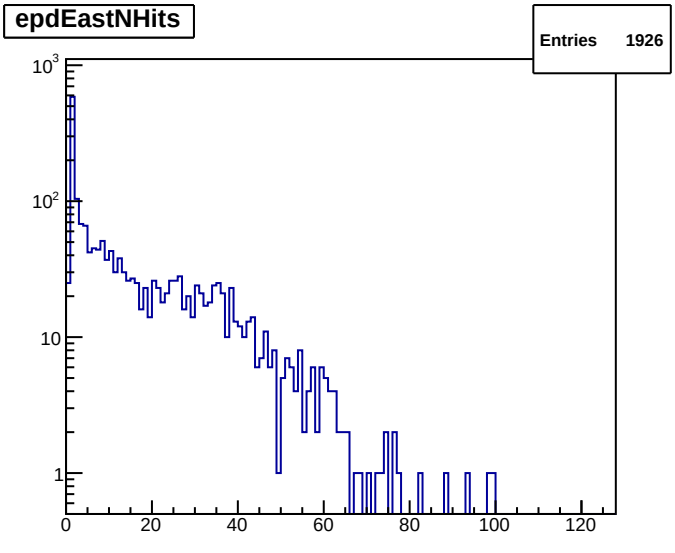

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

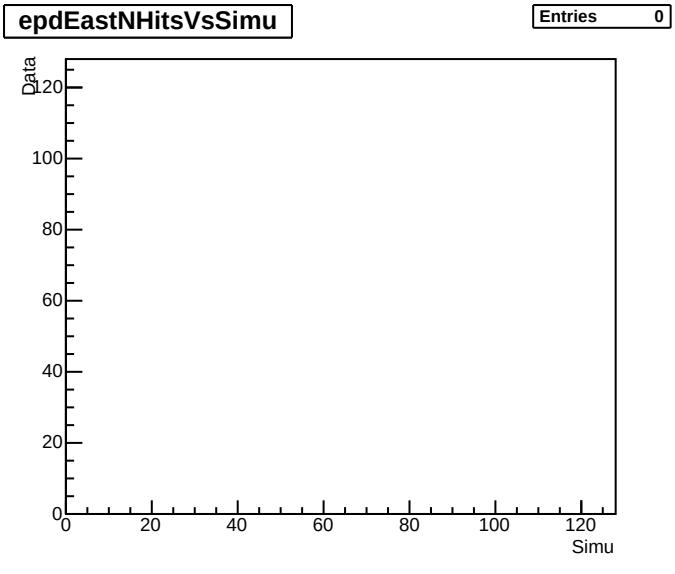

epdEastTac03
Entries 1926
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

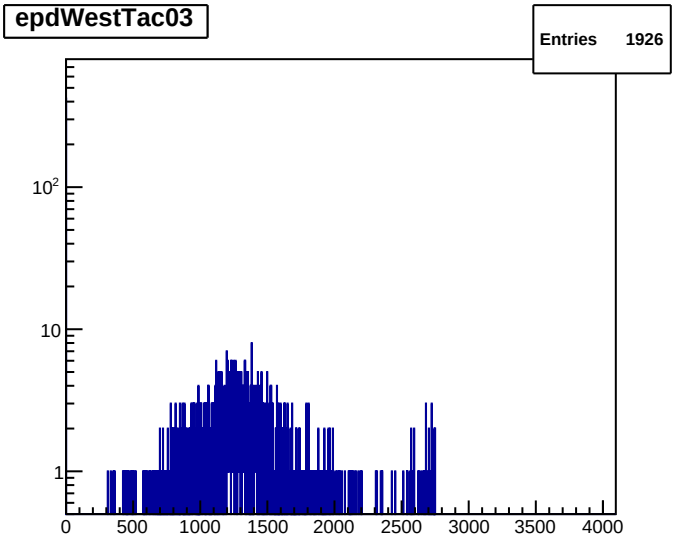

epdEastTac03VsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

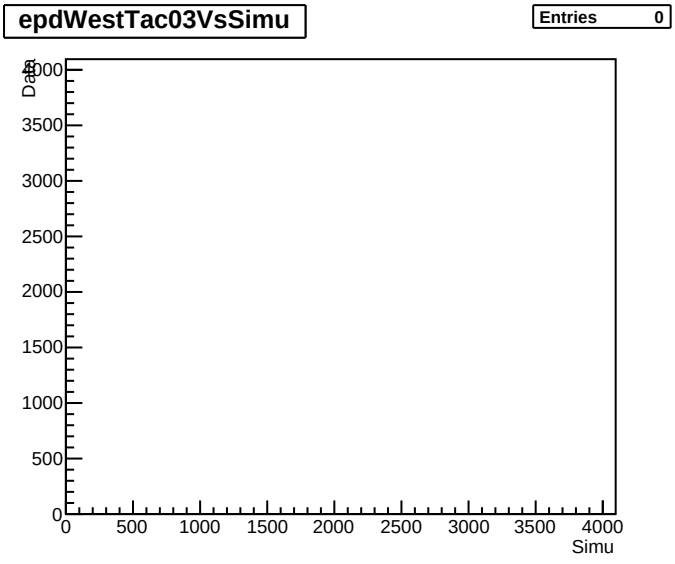

epdEastTac47
Entries 1926
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

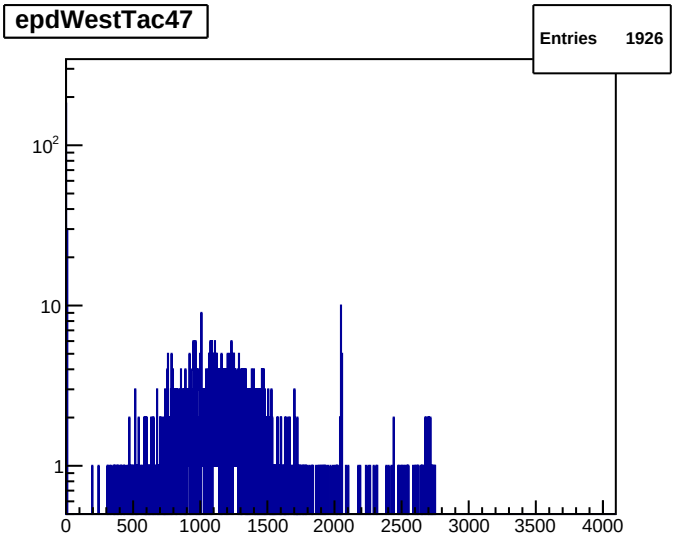

epdEastTac47VsSimu
Entries 0
Data
4000
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

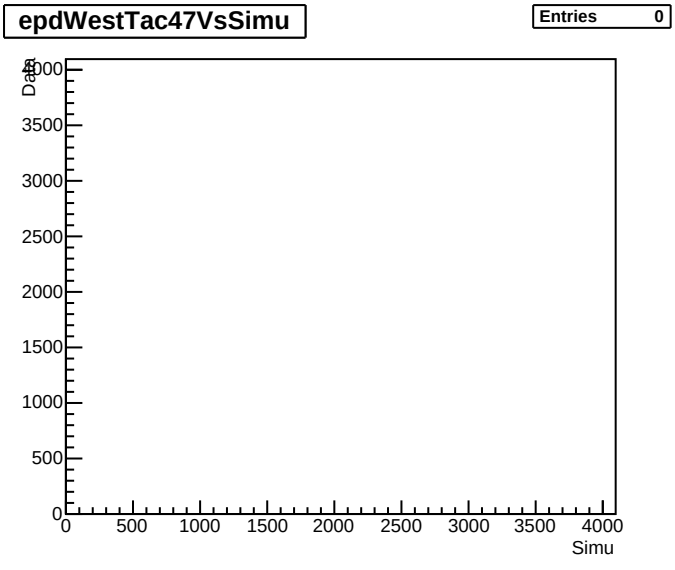

epdEastNHits
Entries 1926
10^3
10^2
10
1
0 20 40 60 80 100 120

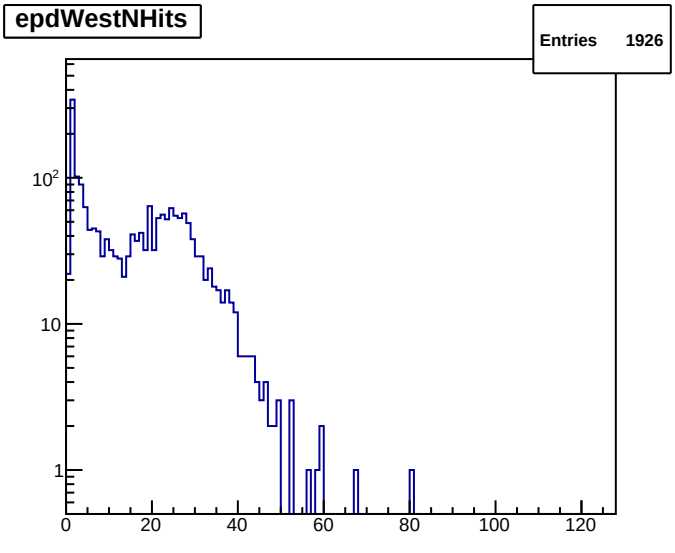

epdEastNHitsVsSimu
Entries 0
Data
120
100
80
60
40
20
0
0 20 40 60 80 100 120
Simu

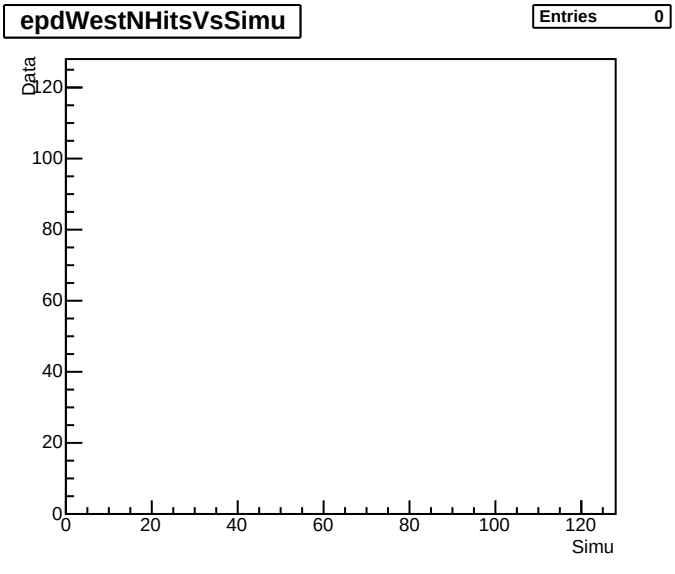

epdWestTac03
Entries 1926
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

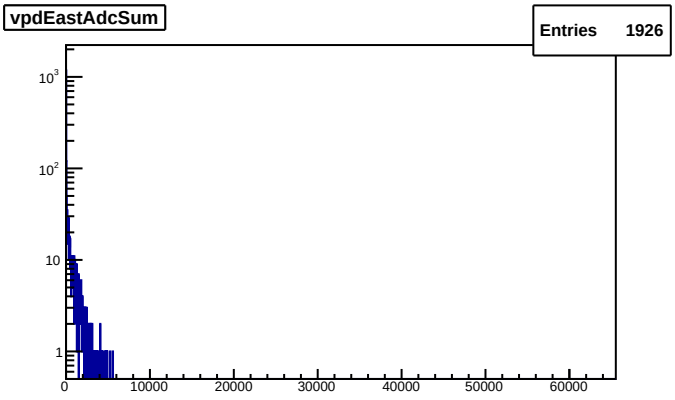

epdWestTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

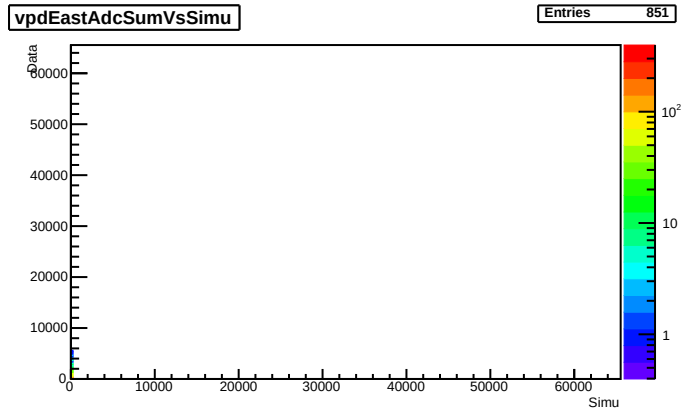

epdWestTac47
Entries 1926
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000

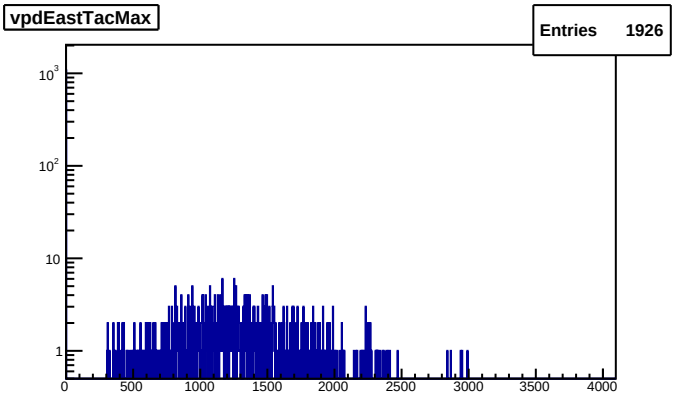

epdWestTac47VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

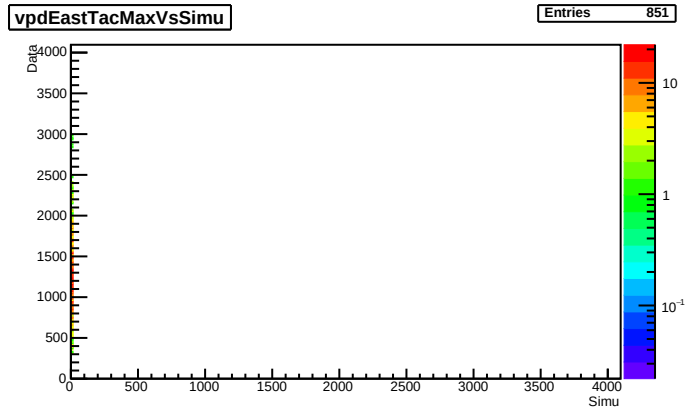

epdWestNHits
Entries 1926
10^2
10
1
0 20 40 60 80 100 120

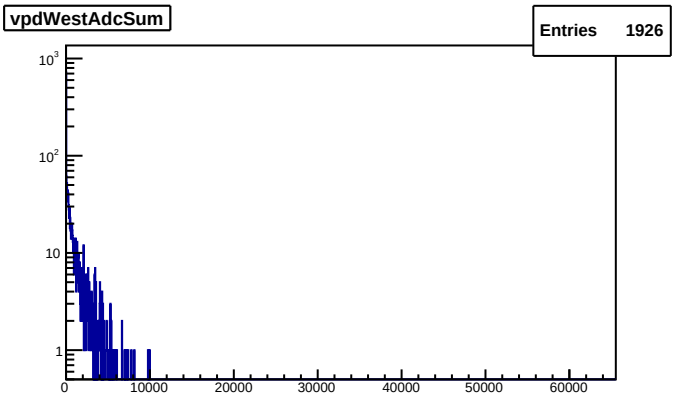

epdWestNHitsVsSimu
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu

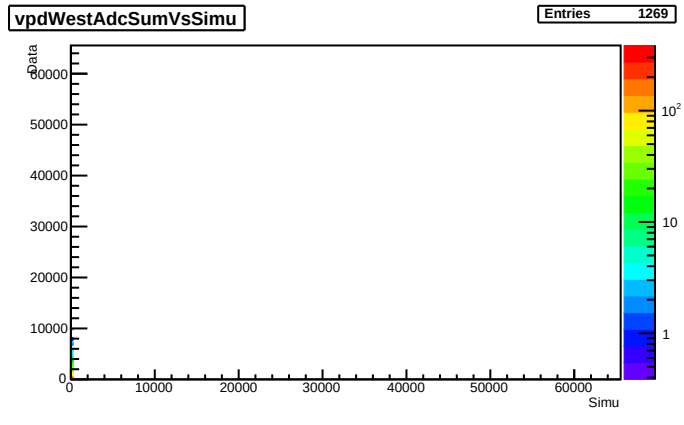

vpdEastAdcSum
Entries 1926

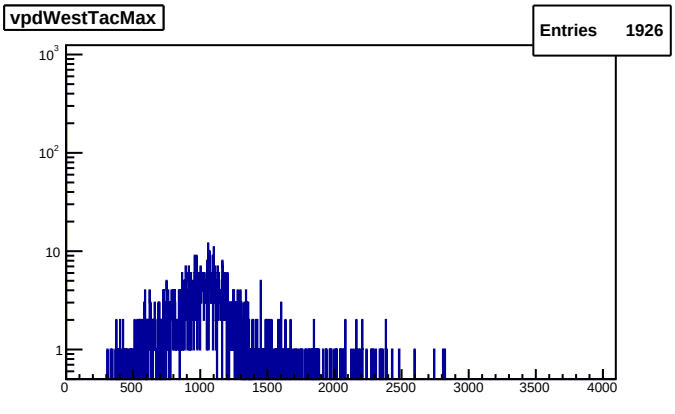

vpdEastAdcSumVsSimu
Entries 851
Data
Simu

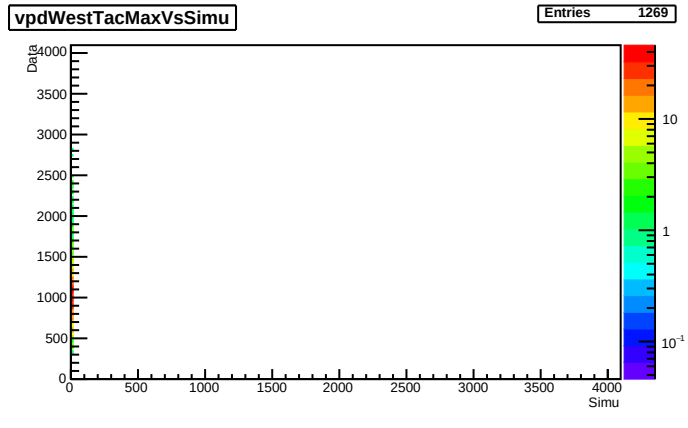

vpdEastTacMax
Entries 1926

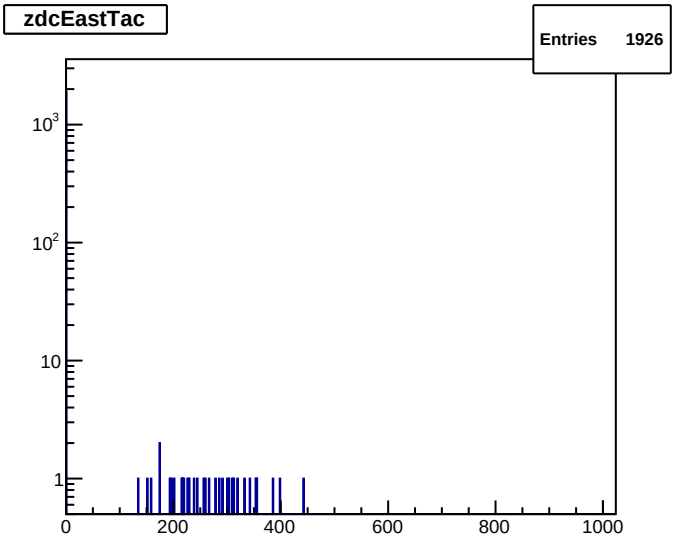

vpdEastTacMaxVsSimu
Entries 851
Data
Simu

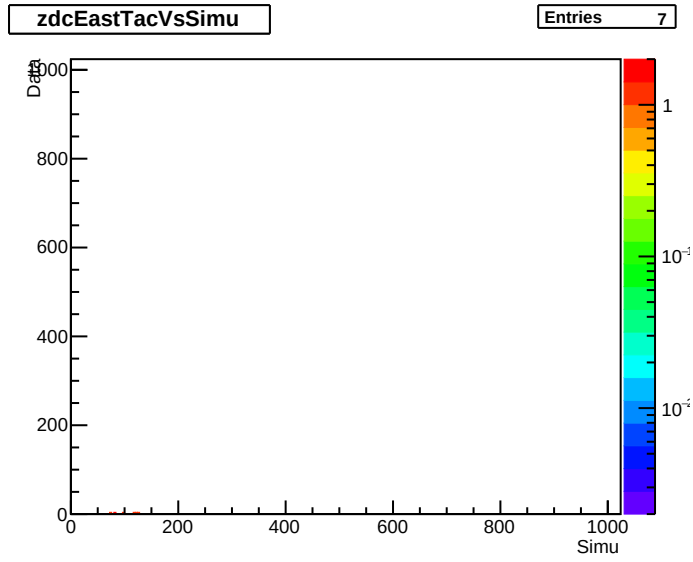

vpdWestAdcSum
Entries 1926

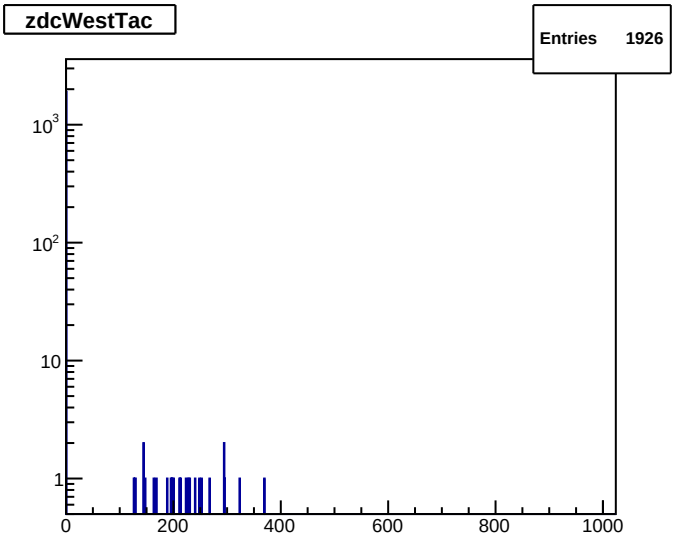

vpdWestAdcSumVsSimu
Entries 1269
Data
Simu

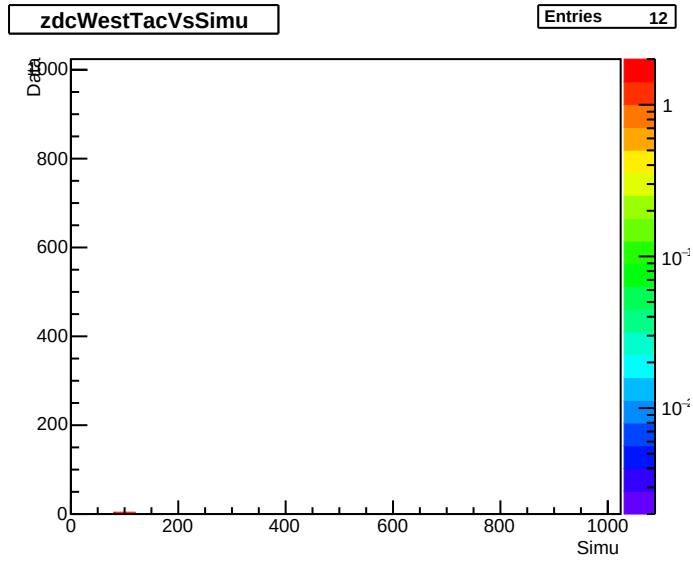

vpdWestTacMax
Entries 1926

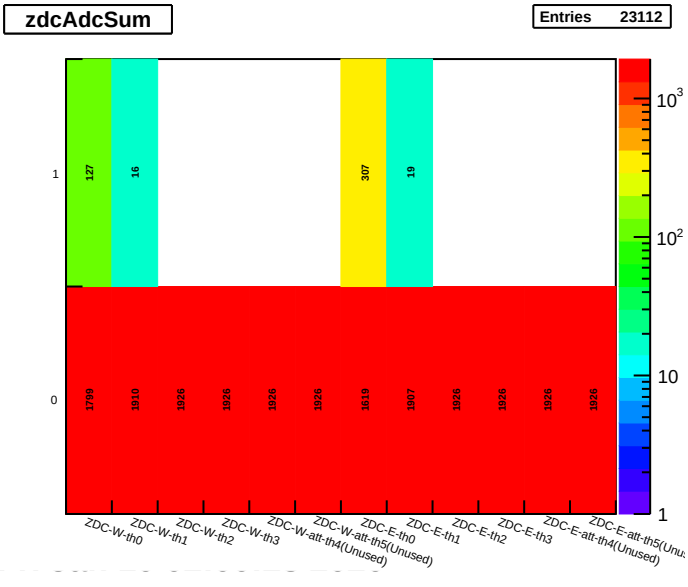

vpdWestTacMaxVsSimu
Entries 1269
Data
Simu

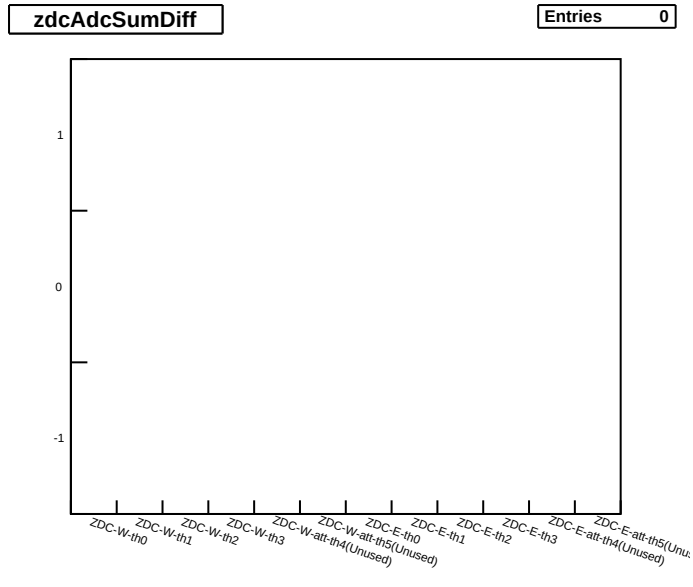

zdcEastTac
Entries 1926

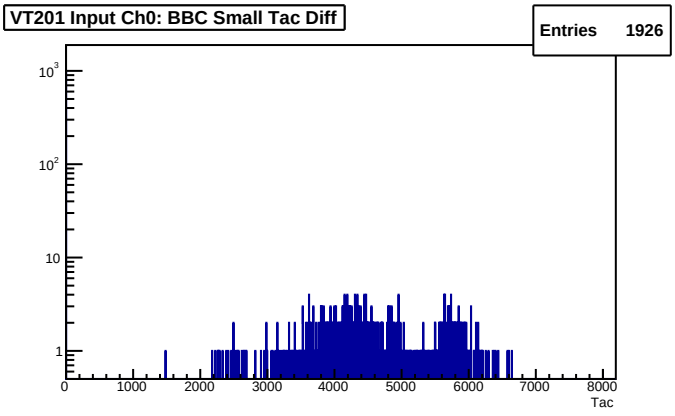

zdcEastTacVsSimu
Entries 7
Data
Simu

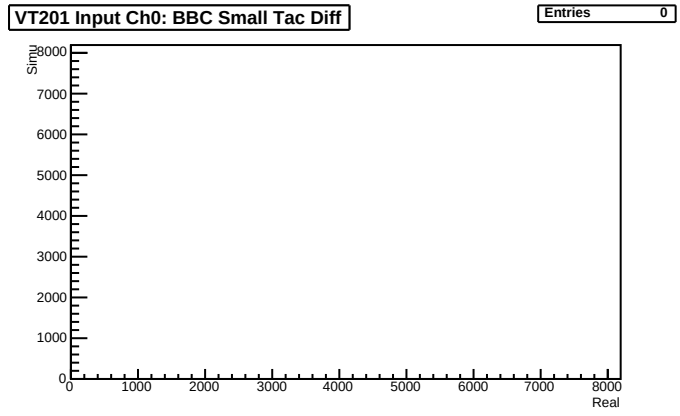

zdcWestTac
Entries 1926

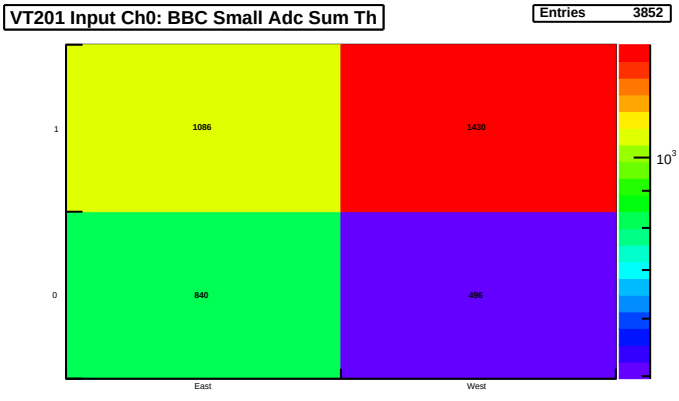

zdcWestTacVsSimu
Entries 12
Data
Simu

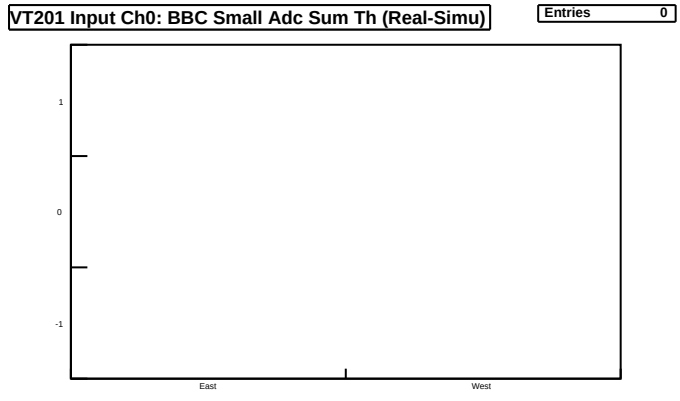

zdcAdcSum
Entries 23112
127
16
307
19
1799
1910
1926
1619
1907
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

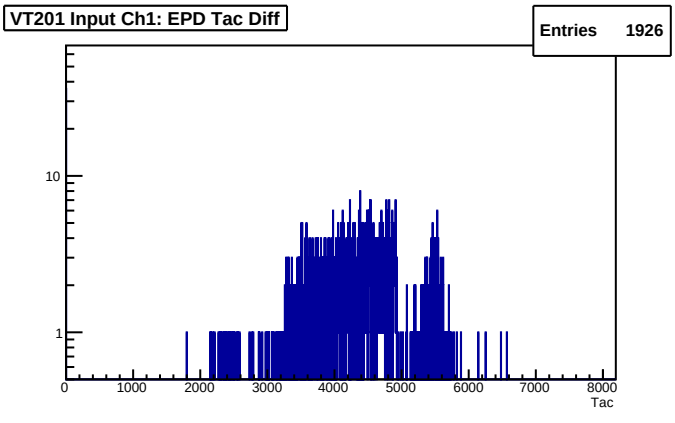

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

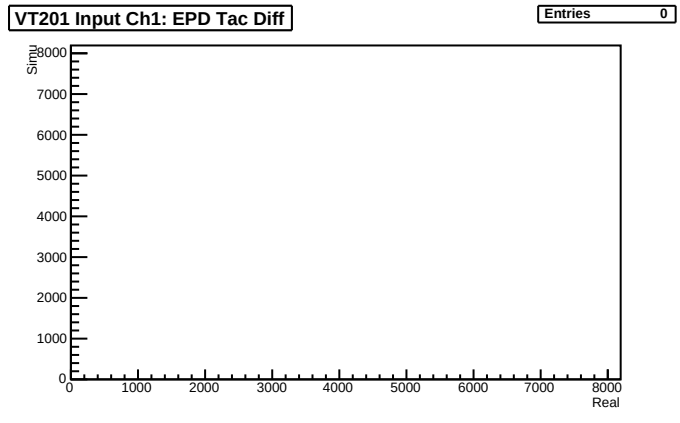

VT201 Input Ch0: BBC Small Tac Diff
Entries 1926
Tac

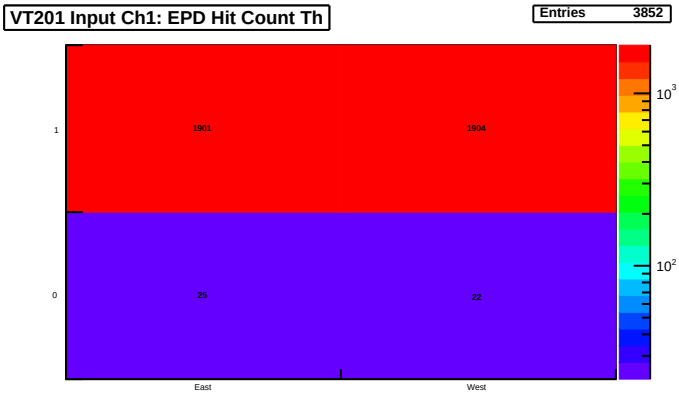

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

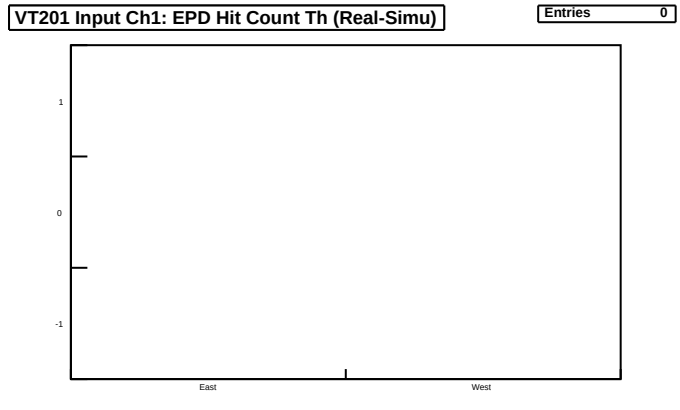

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 3852
1086
1430
840
496
East
West

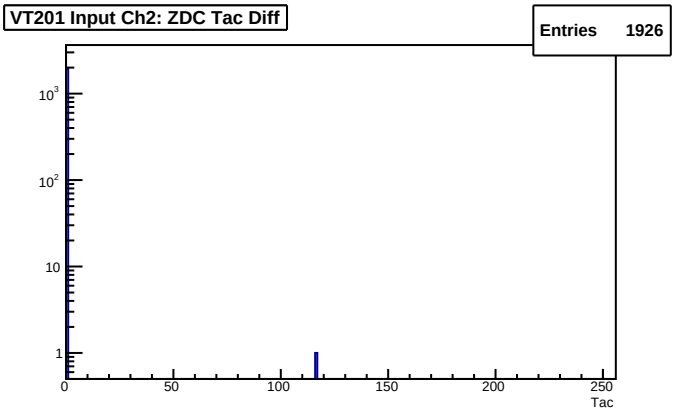

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

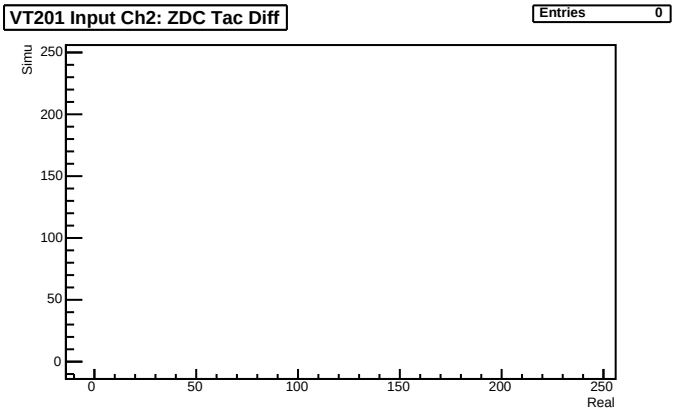

VT201 Input Ch1: EPD Tac Diff
Entries 1926
Tac

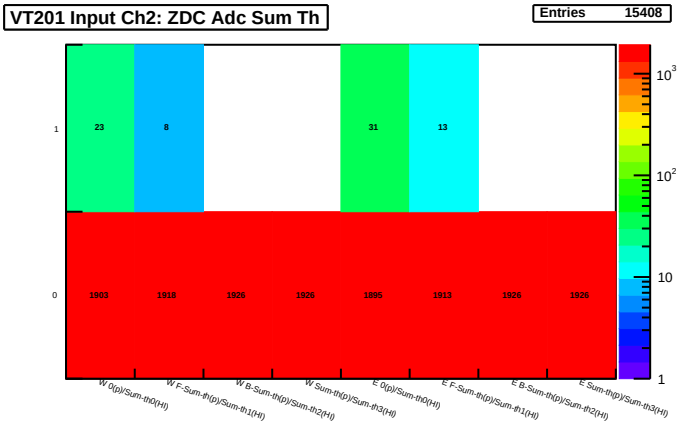

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

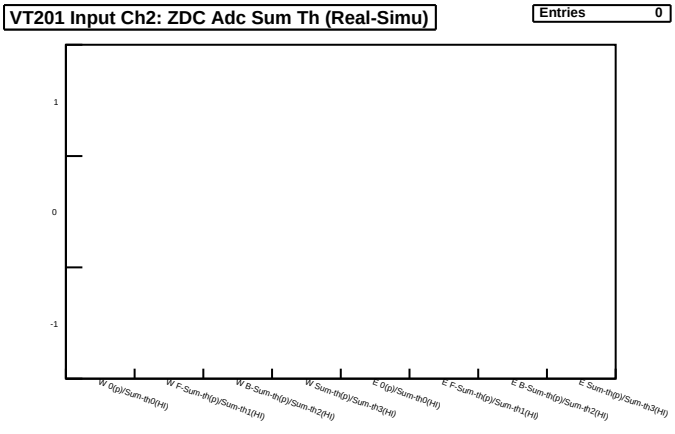

VT201 Input Ch1: EPD Hit Count Th
Entries 3852
1901
1904
25
22
East
West

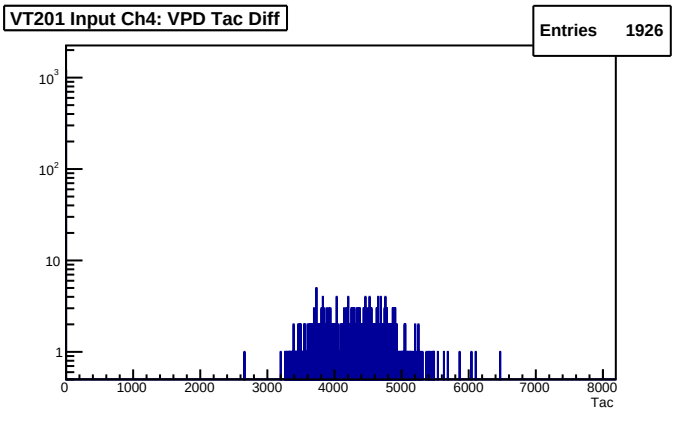

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

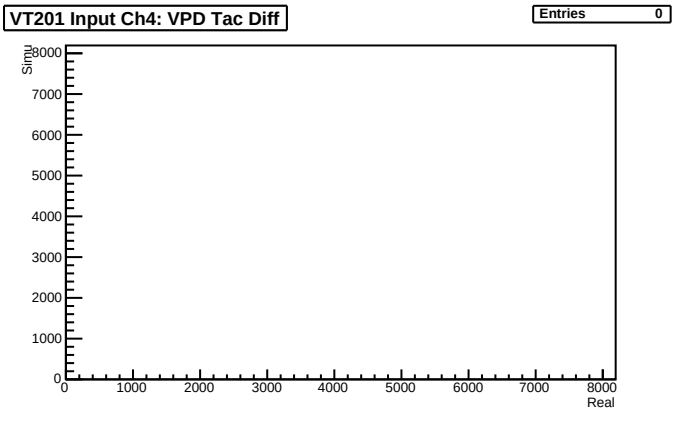

VT201 Input Ch2: ZDC Tac Diff
Entries 1926
Tac

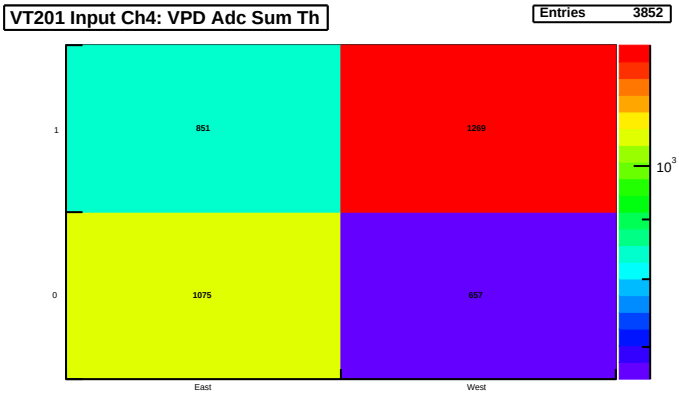

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

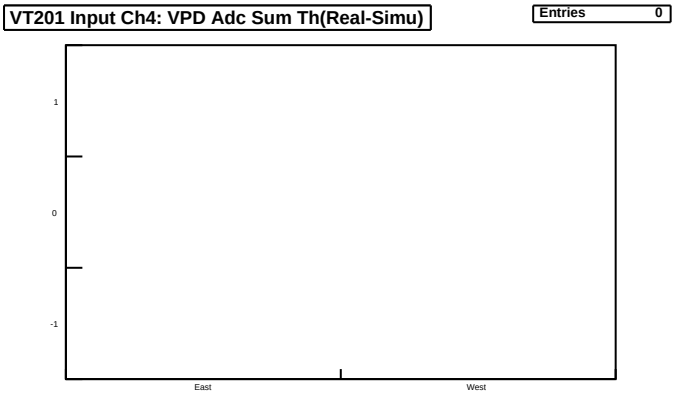

VT201 Input Ch2: ZDC Adc Sum Th
Entries 15408
23
8
31
13
1903
1918
1926
1926
1895
1913
1926
1926
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

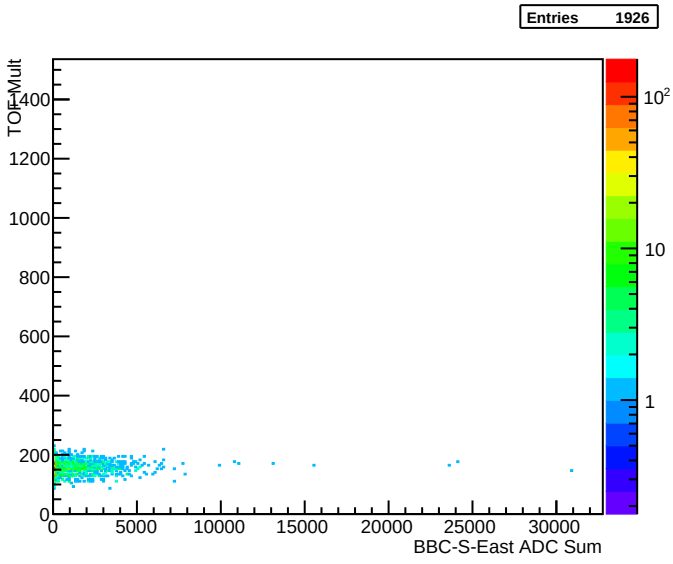

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

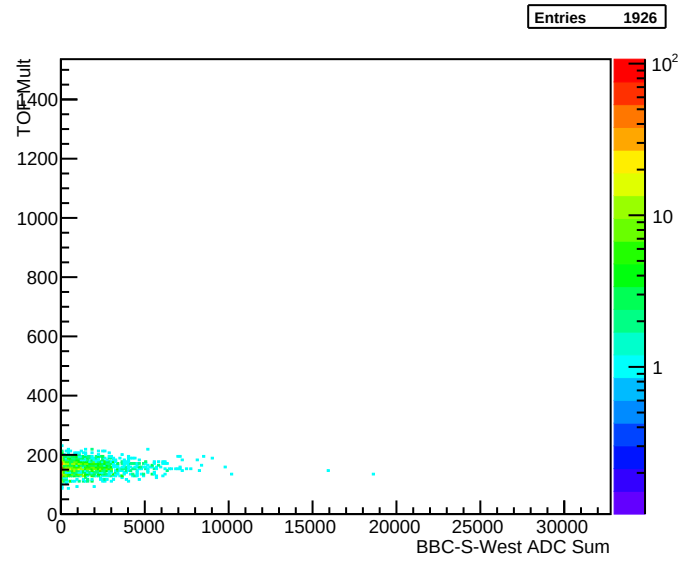

VT201 Input Ch4: VPD Tac Diff
Entries 1926
Tac

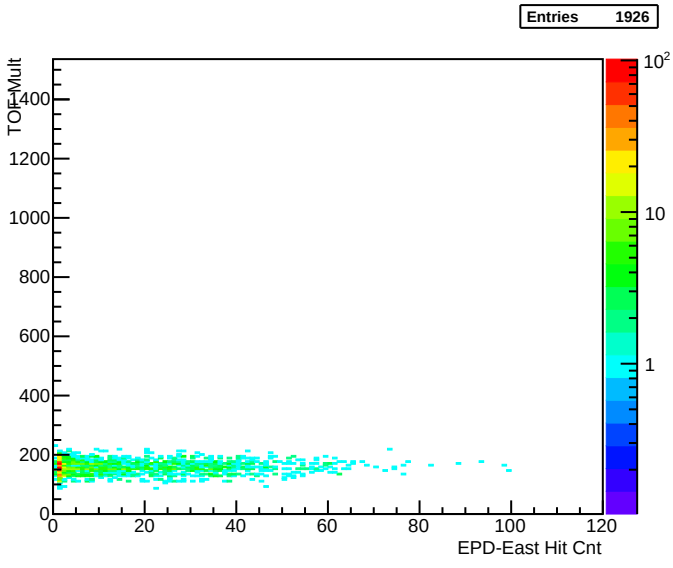

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

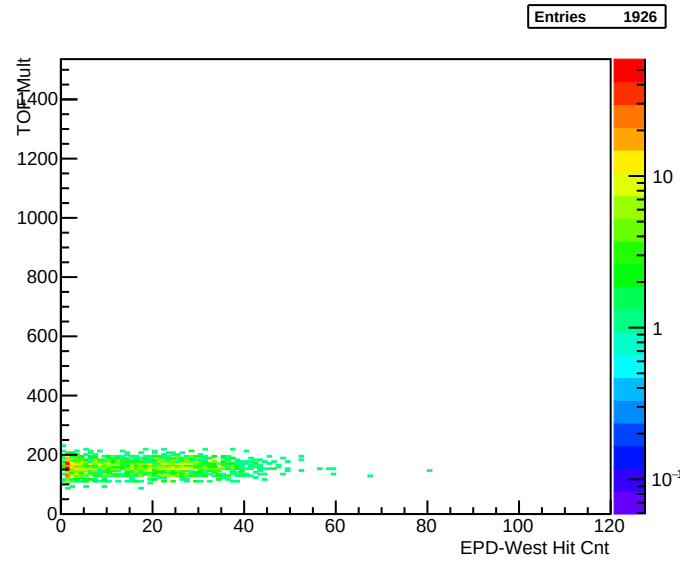

VT201 Input Ch4: VPD Adc Sum Th
Entries 3852
851
1269
1075
657
East
West

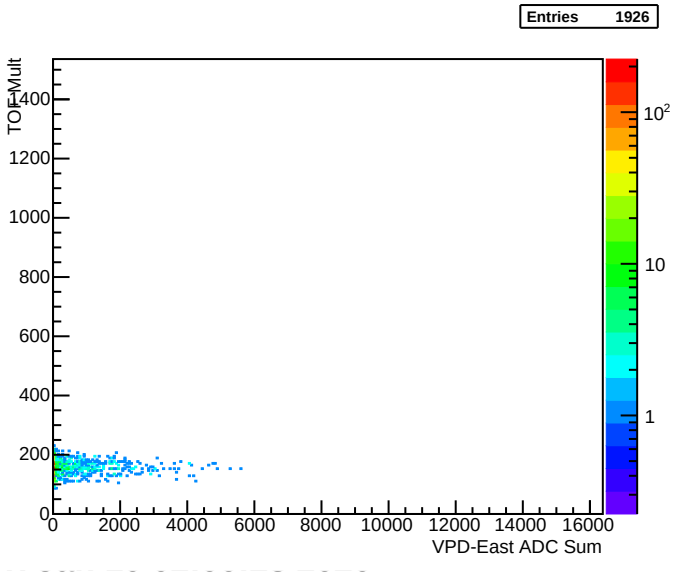

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

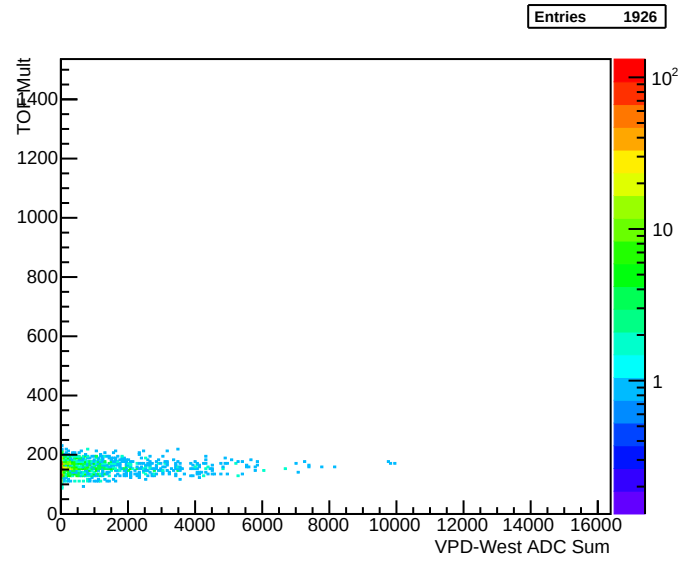

Entries 1926
TOF-Mult
BBC-S-East ADC Sum

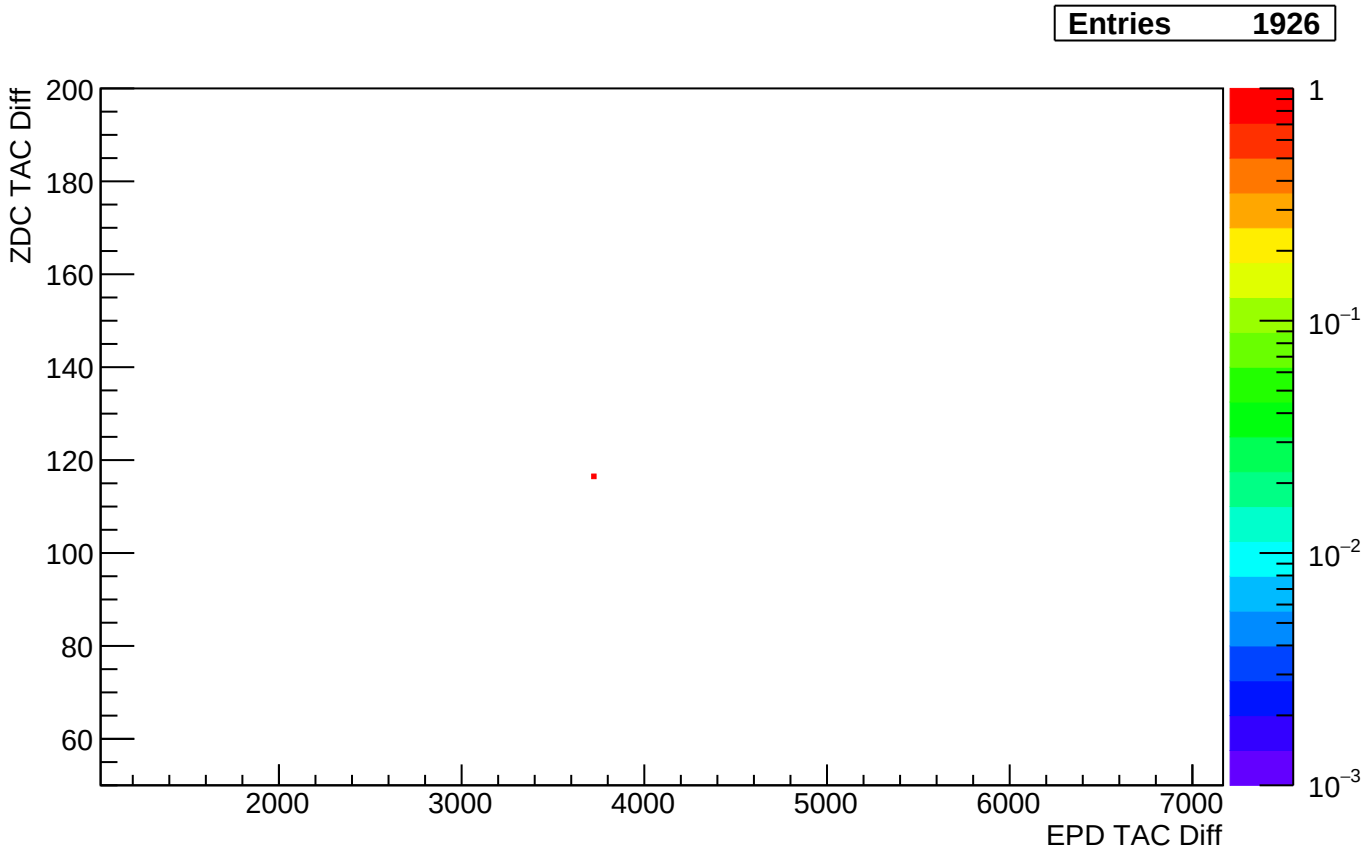

Entries 1926
TOF-Mult
BBC-S-West ADC Sum

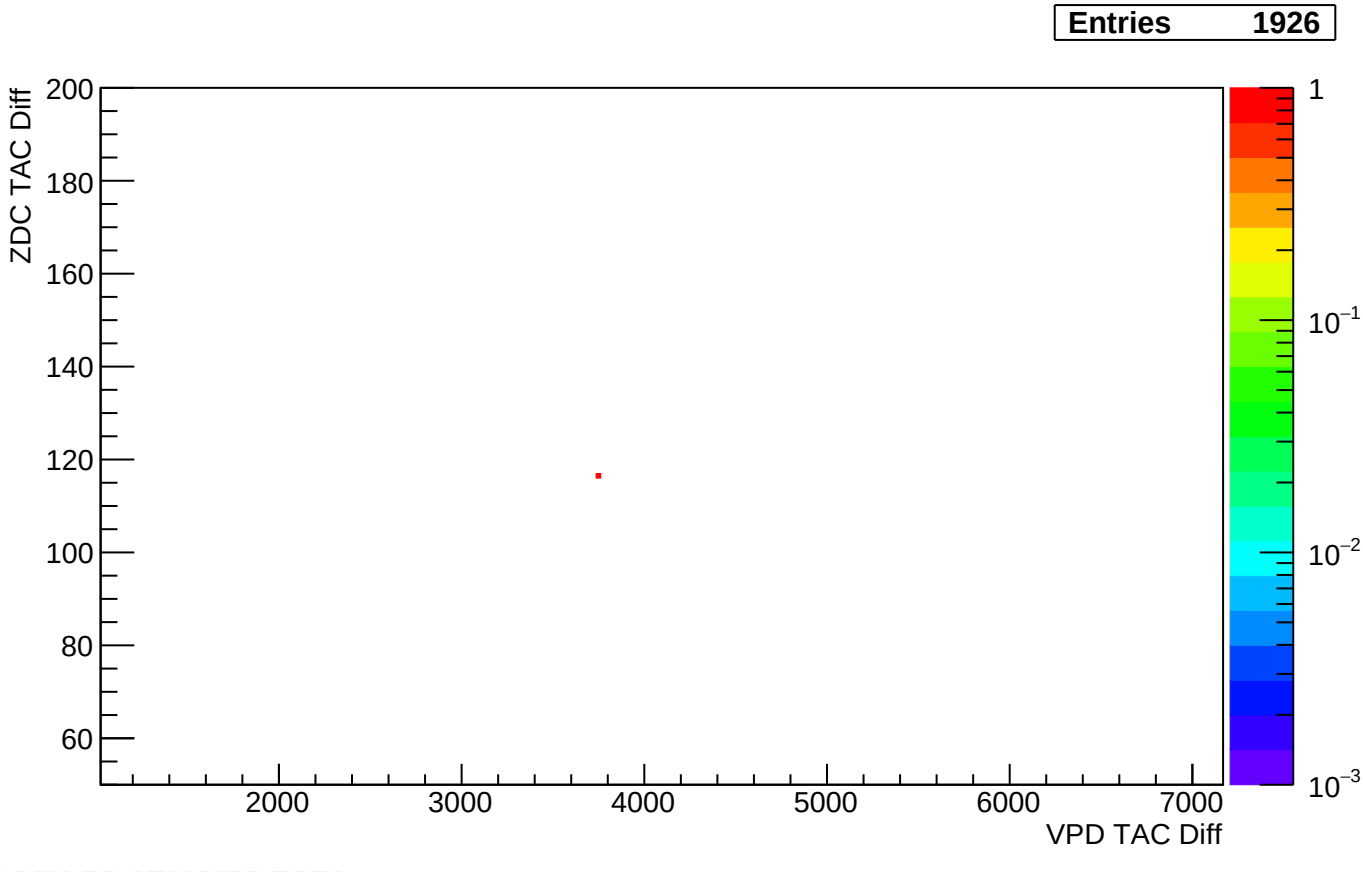

Entries 1926
TOF-Mult
EPD-East Hit Cnt

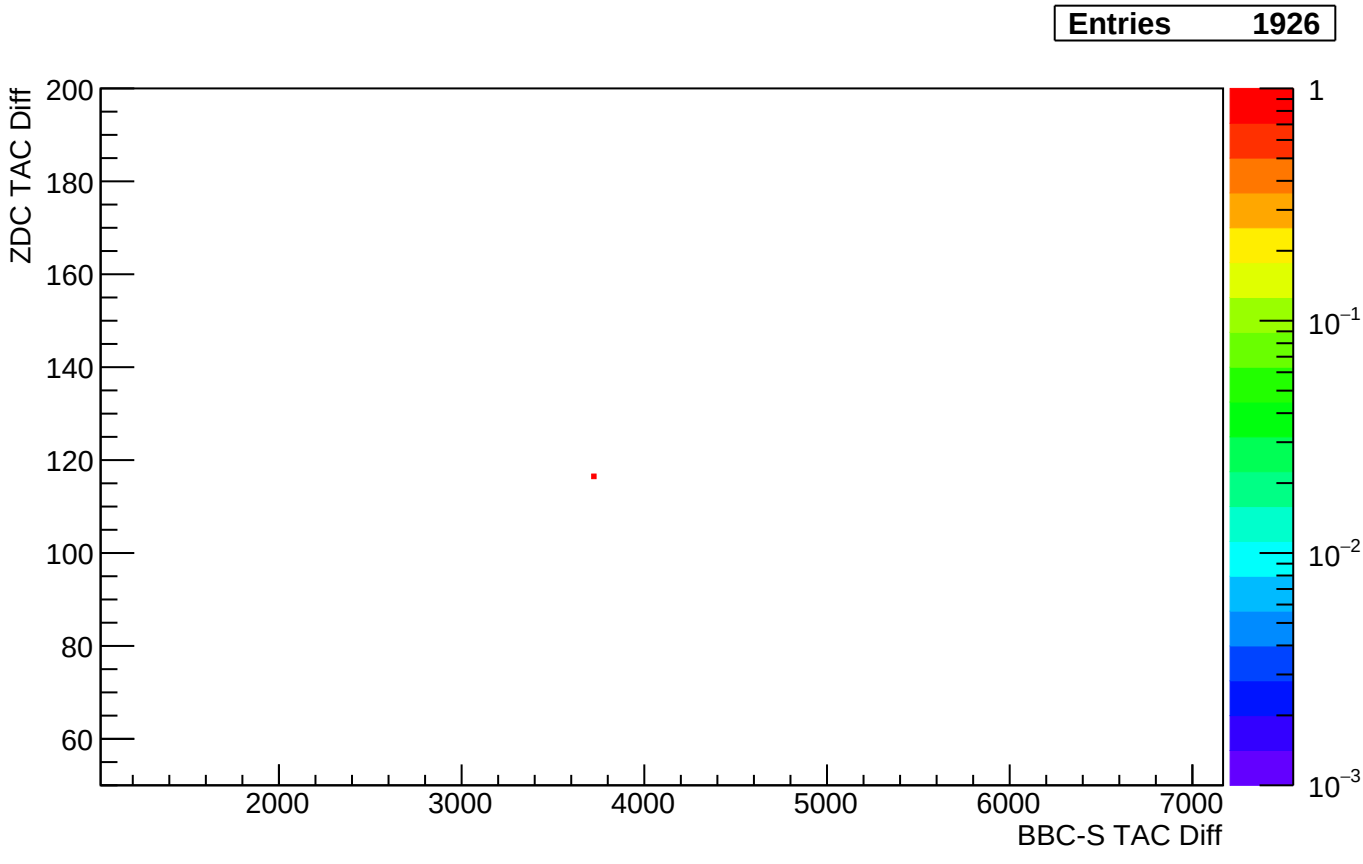

Entries 1926
TOF-Mult
EPD-West Hit Cnt

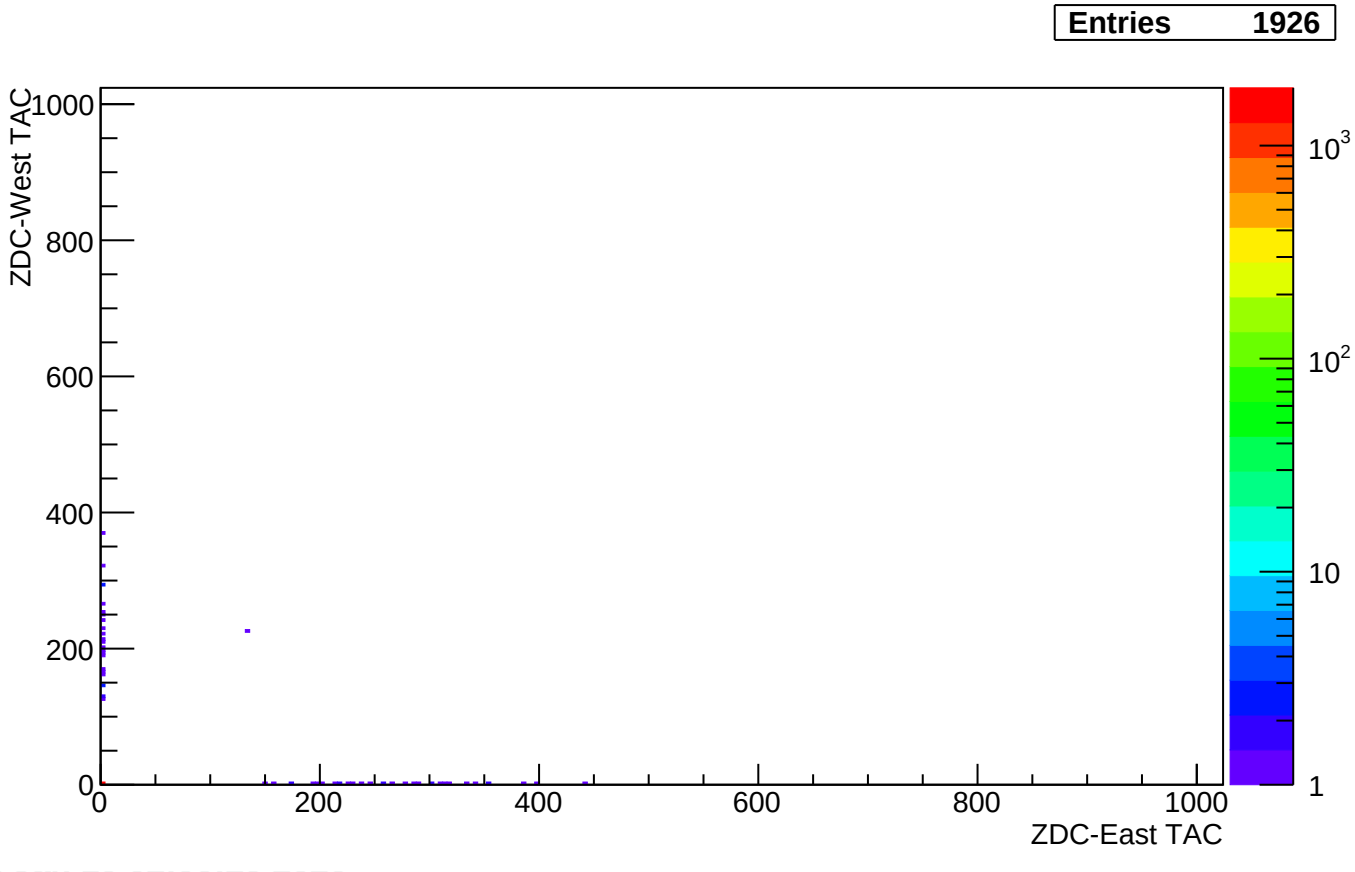

Entries 1926
TOF-Mult
VPD-East ADC Sum

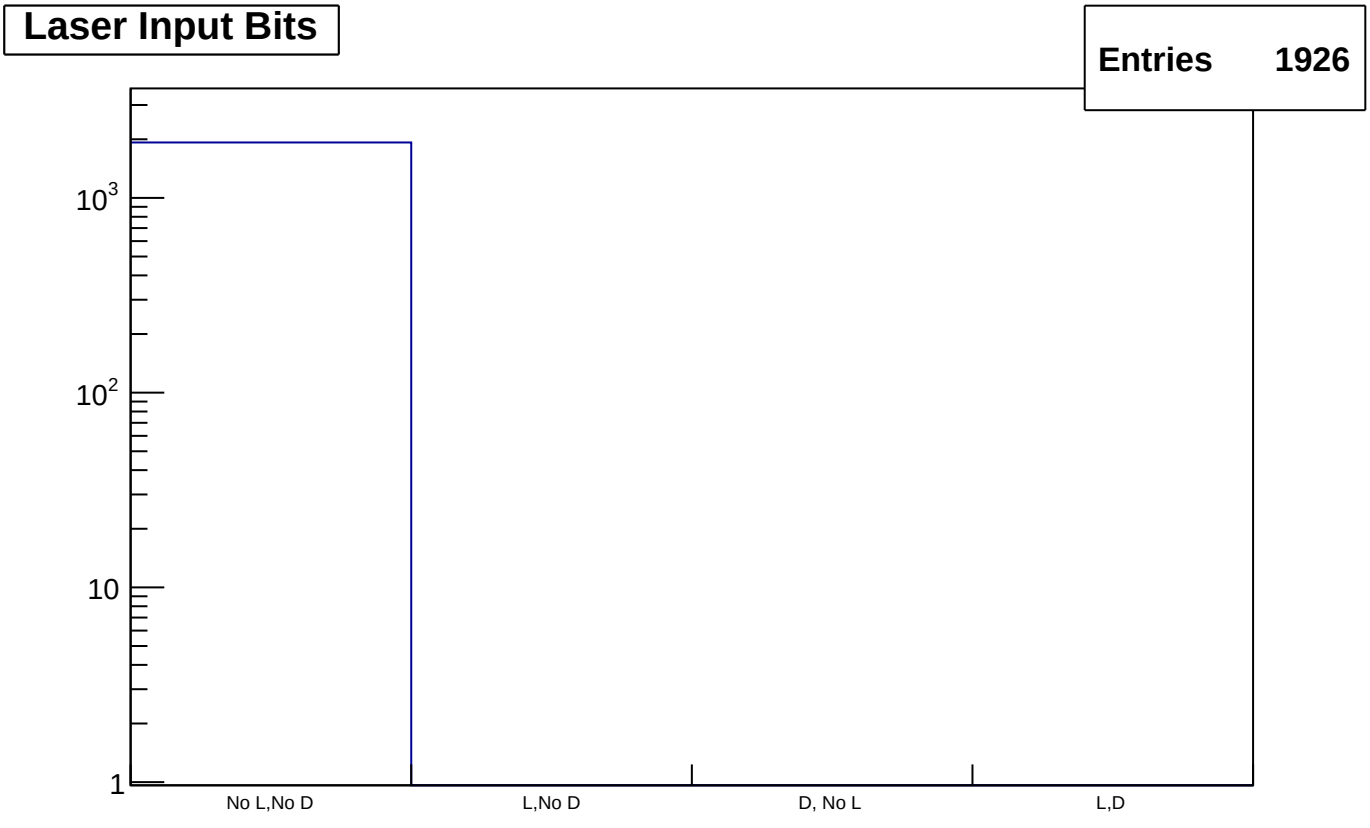

Entries 1926
TOF-Mult
VPD-West ADC Sum

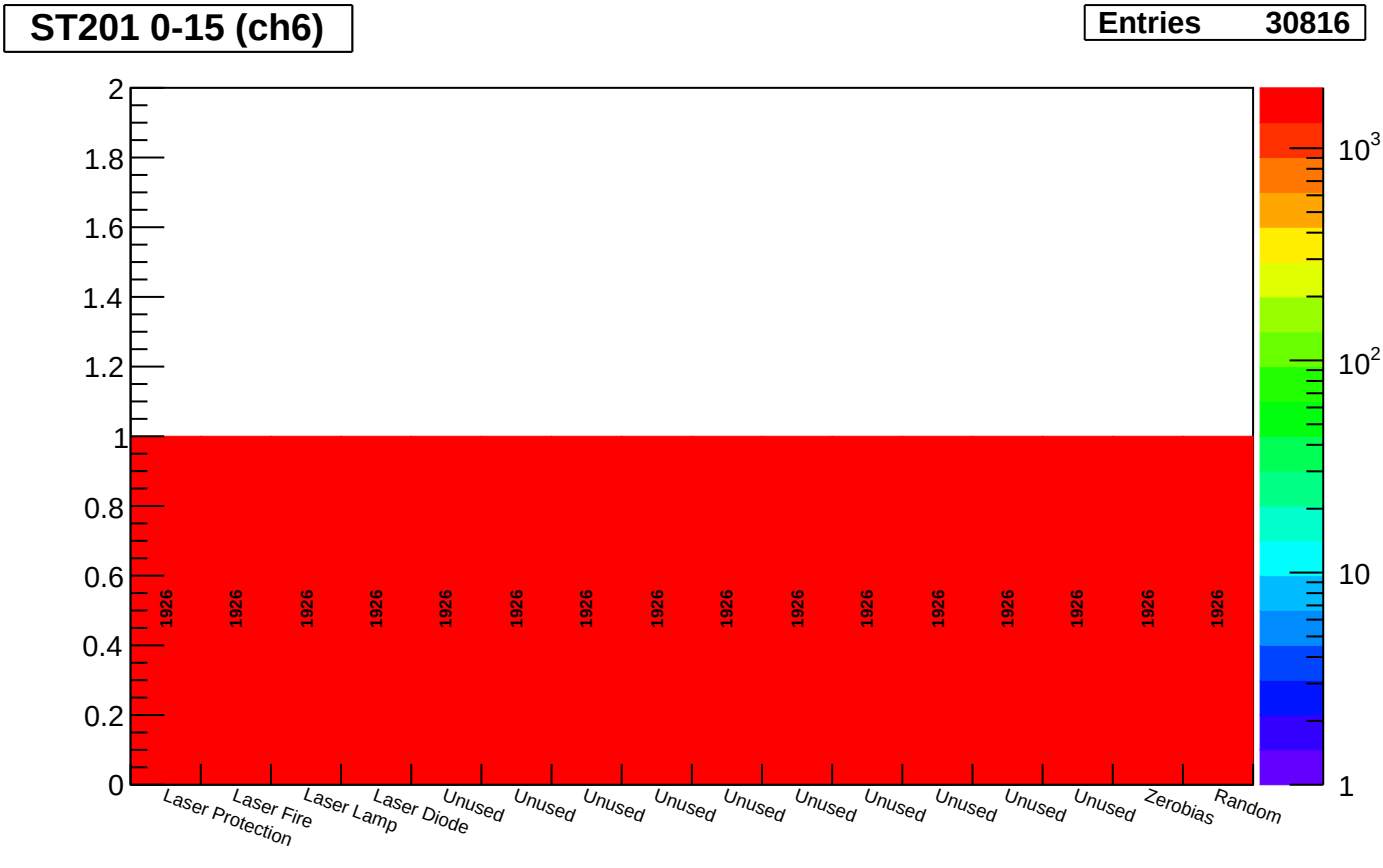

Entries 1926
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

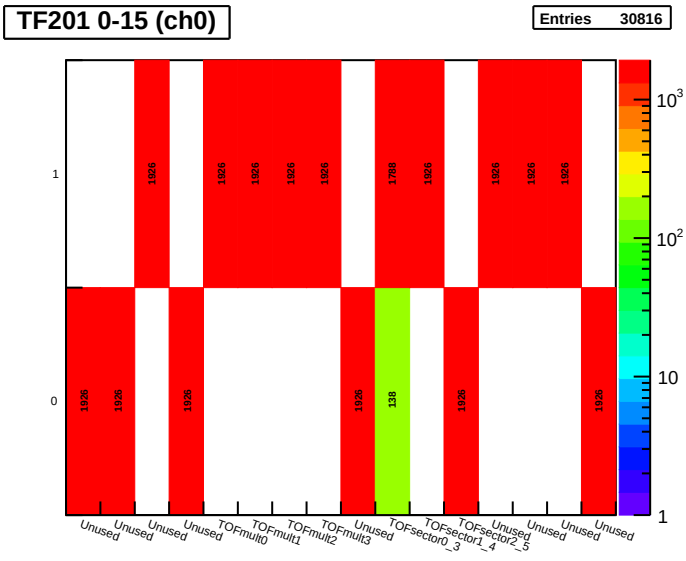

Entries 1926
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}
10^{-3}


Entries 1926
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}
10^{-3}


Entries 1926
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^{3}
10^{2}
10
1


Laser Input Bits
Entries 1926
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 30816
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1926
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 30816
1
0
1926
1926
1926