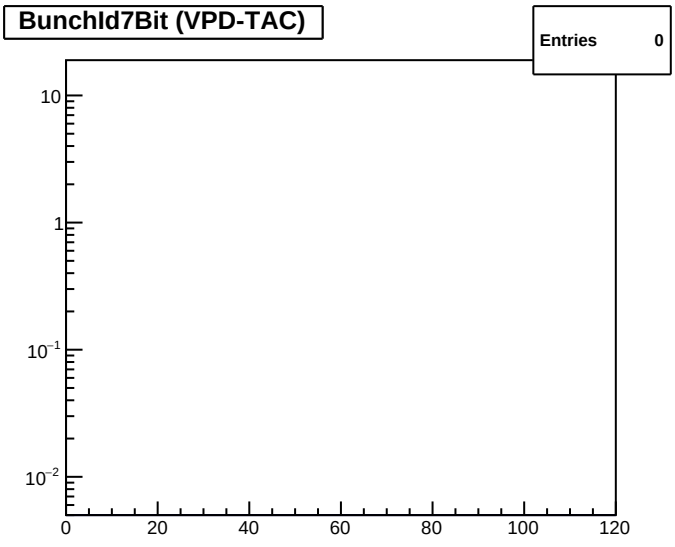
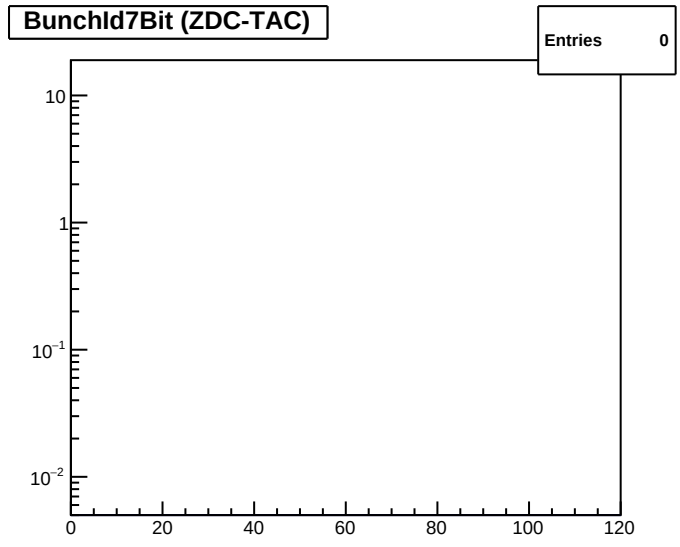
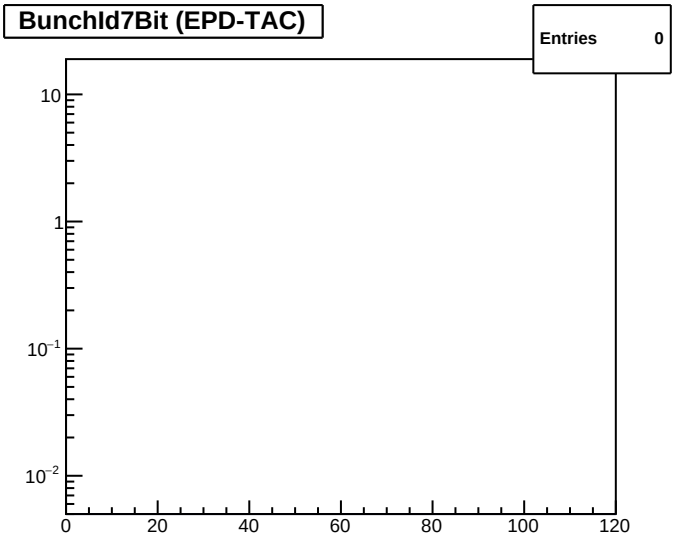
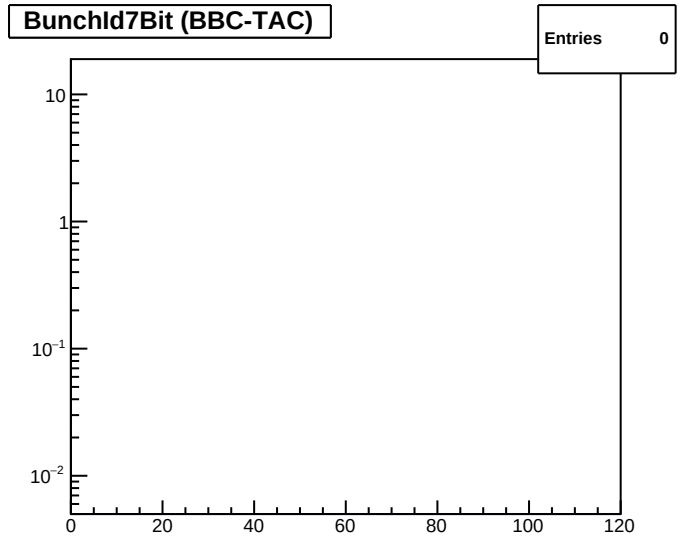
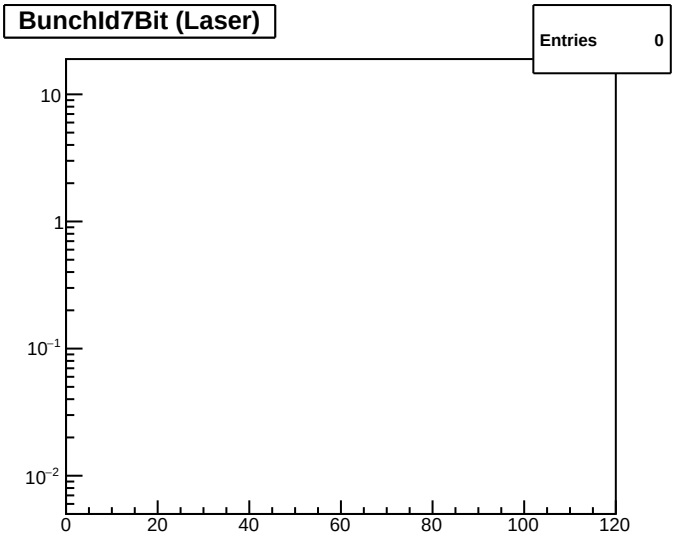
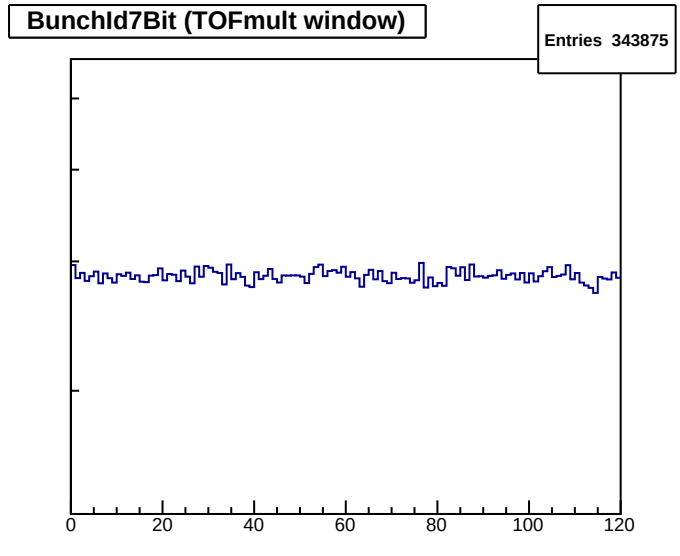

BunchId7Bit (VPD-TAC)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

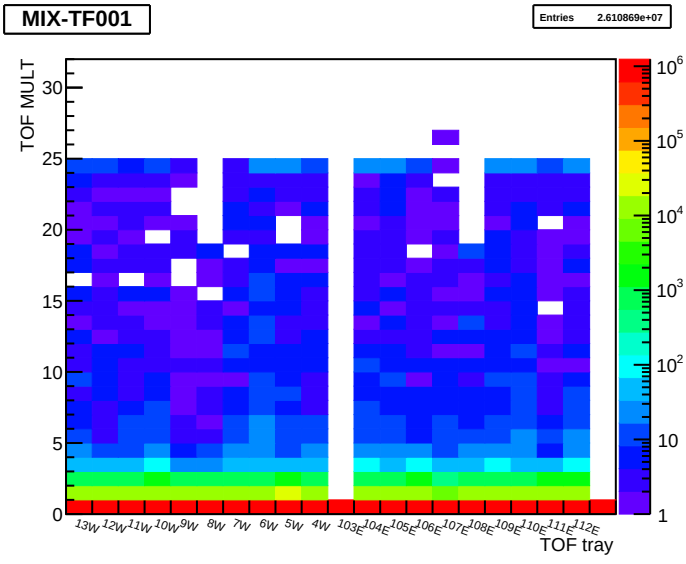

BunchId7Bit (ZDC-TAC)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

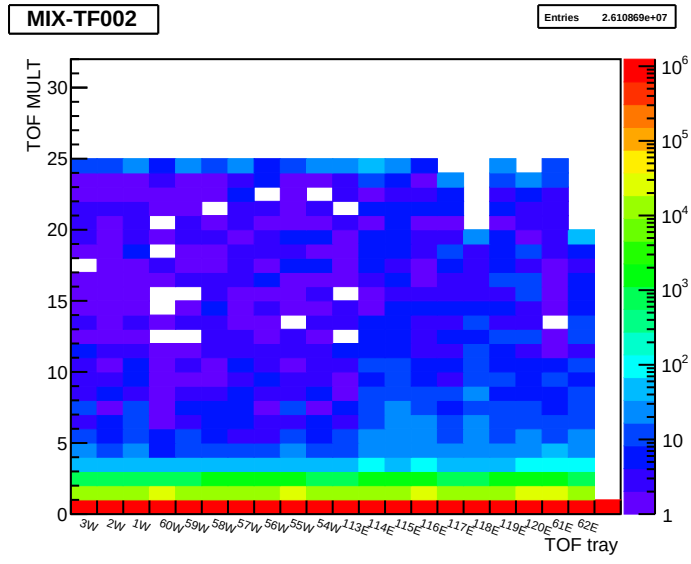

BunchId7Bit (EPD-TAC)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

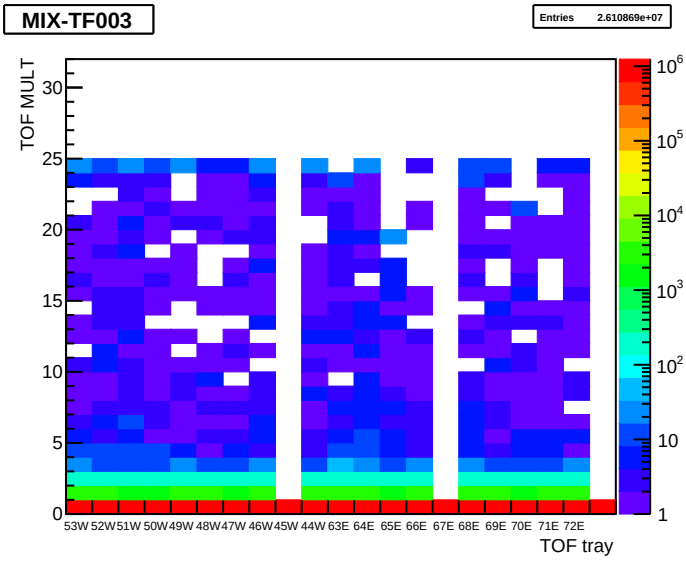

BunchId7Bit (BBC-TAC)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

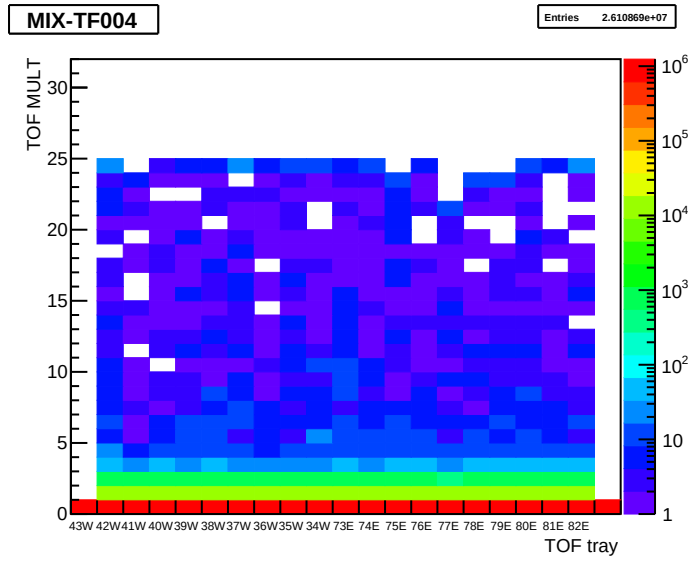

BunchId7Bit (Laser)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

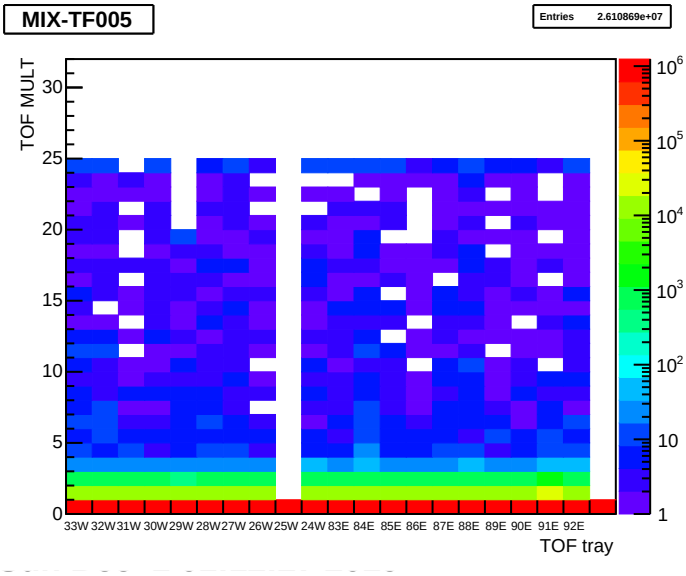

BunchId7Bit (TOFmult window)
Entries 343875
0 20 40 60 80 100 120

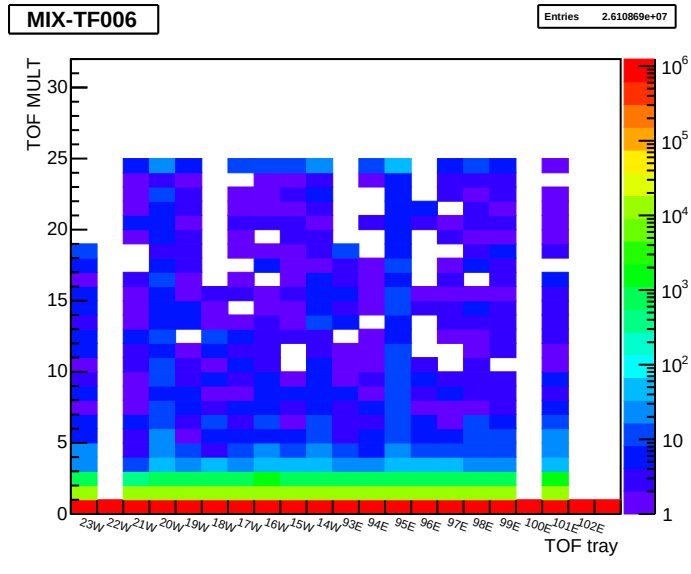

MIX-TF001
Entries 2.610869e+07
TOF MULT
TOF tray

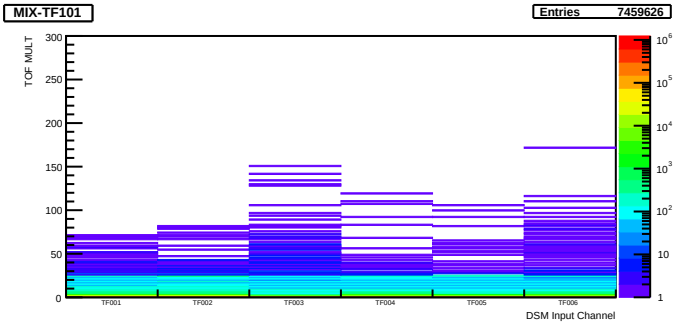

MIX-TF002
Entries 2.610869e+07
TOF MULT
TOF tray

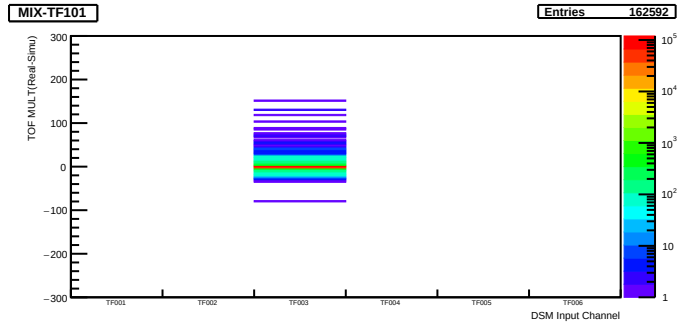

MIX-TF003
Entries 2.610869e+07
TOF MULT
TOF tray

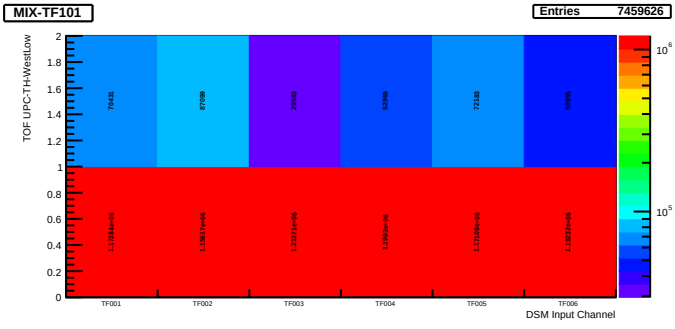

MIX-TF004
Entries 2.610869e+07
TOF MULT
TOF tray

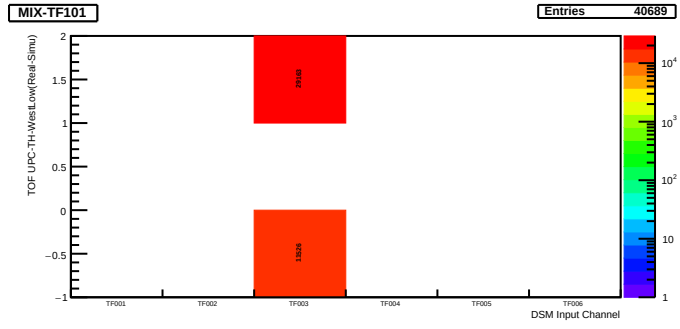

MIX-TF005
Entries 2.610869e+07
TOF MULT
TOF tray

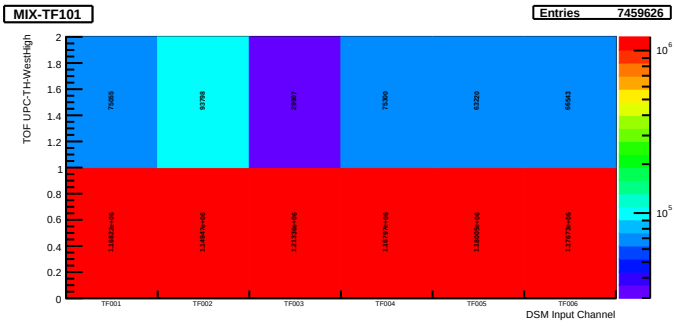

MIX-TF006
Entries 2.610869e+07
TOF MULT
TOF tray

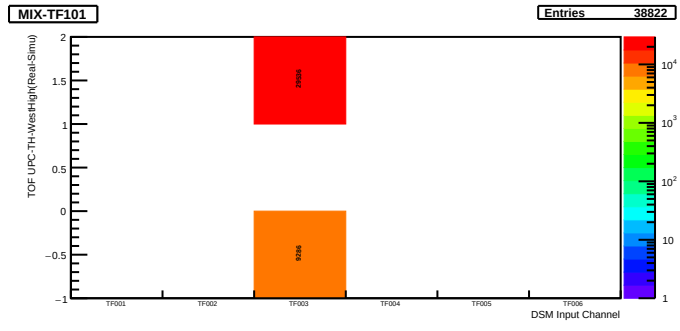

MIX-TF101
Entries 7459626
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

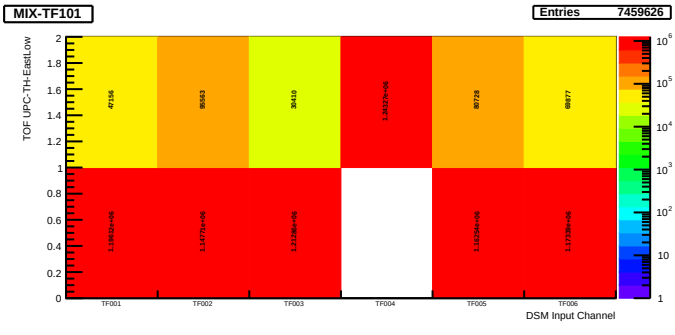

MIX-TF101
Entries 162592
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

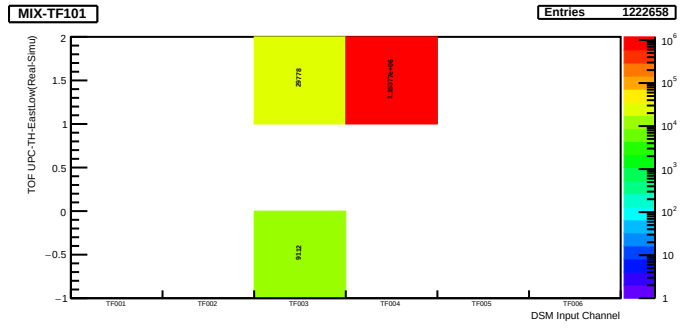

MIX-TF101
Entries 7459626
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

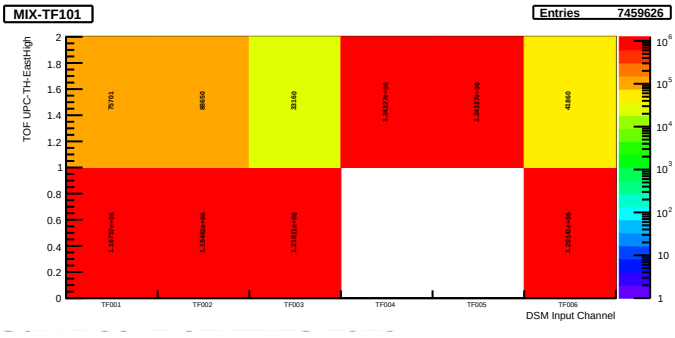

MIX-TF101
Entries 40689
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

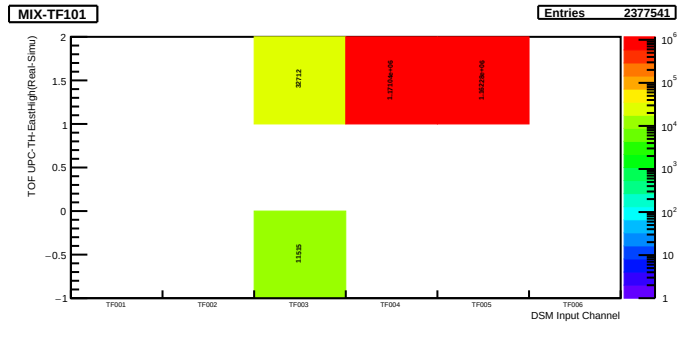

MIX-TF101
Entries 7459626
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

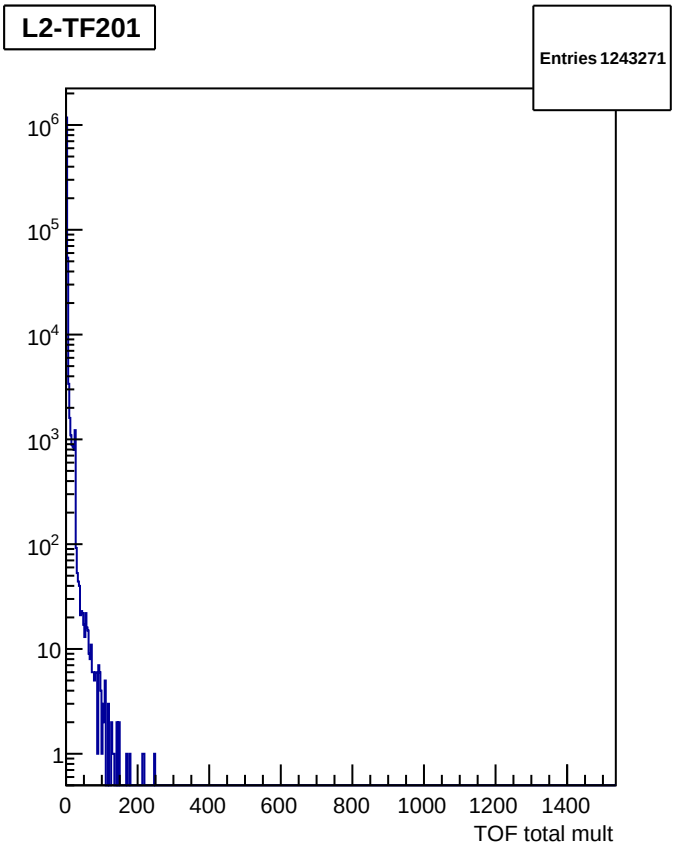

MIX-TF101
Entries 38822
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

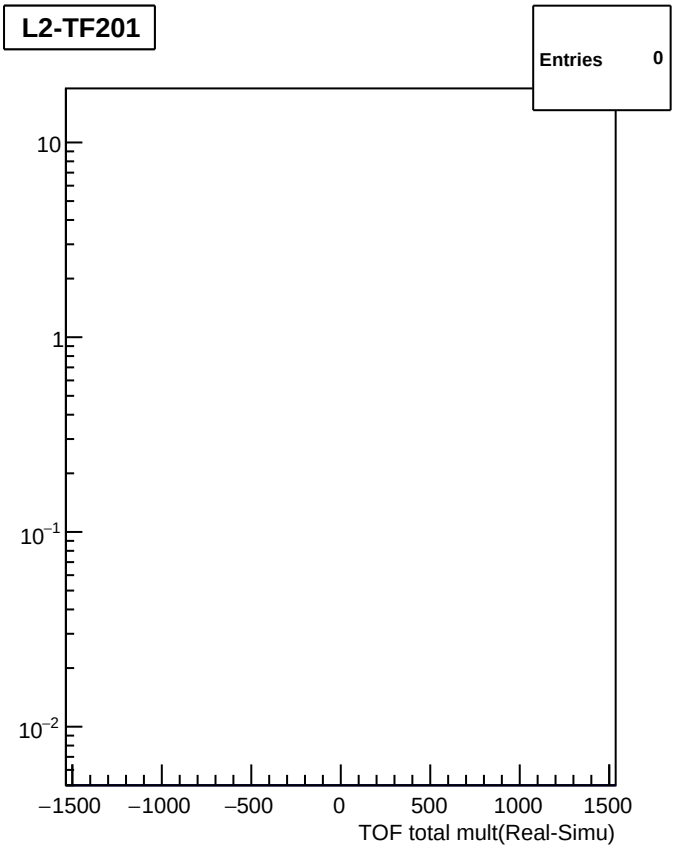

MIX-TF101
Entries 7459626
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

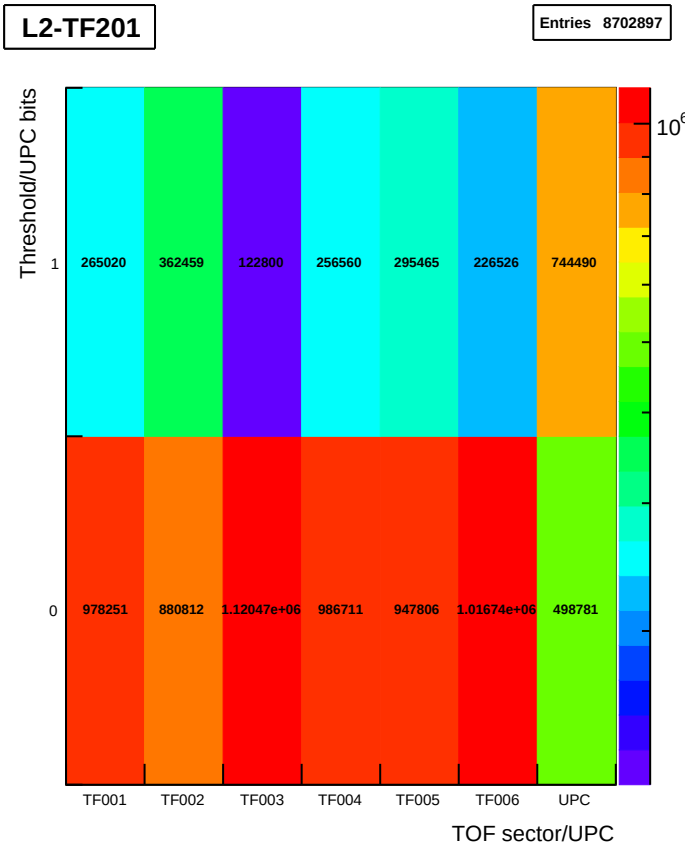

MIX-TF101
Entries 1222658
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

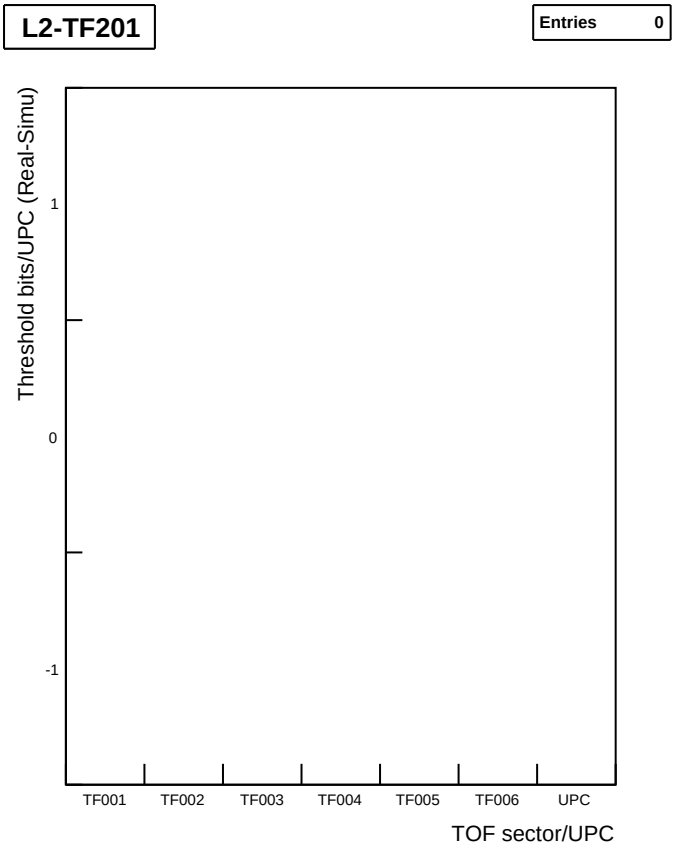

MIX-TF101
Entries 7459626
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

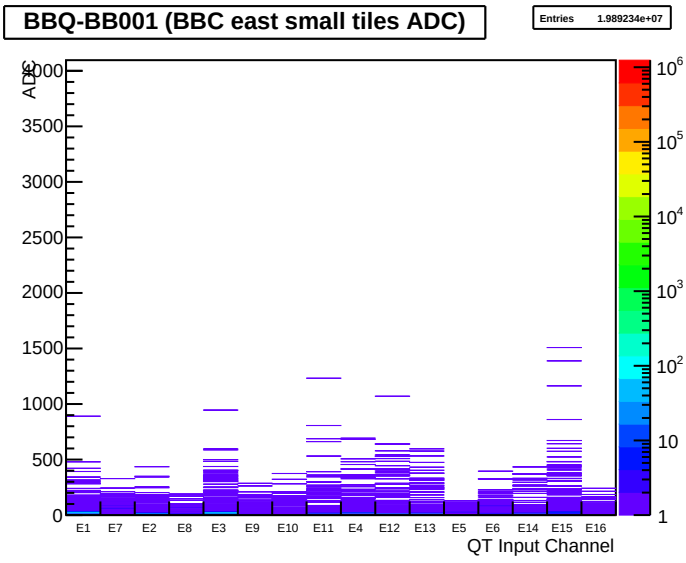

MIX-TF101
Entries 2377541
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

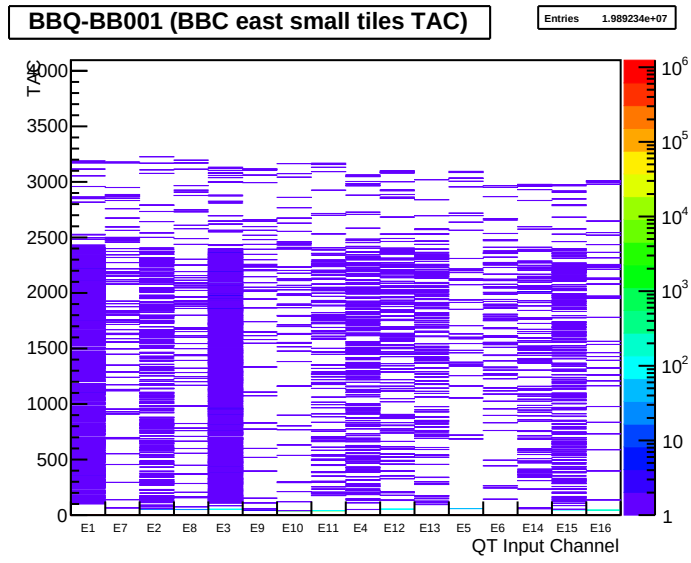

L2-TF201
Entries 1243271
TOF total mult

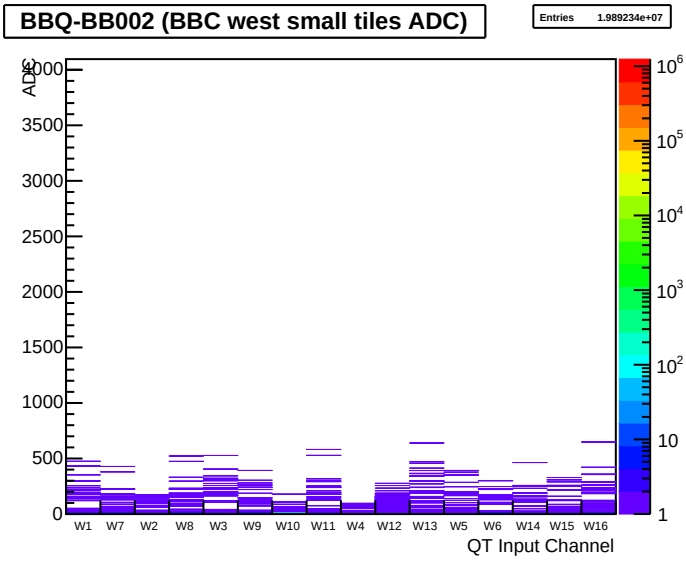

L2-TF201
Entries 0
TOF total mult(Real-Simu)

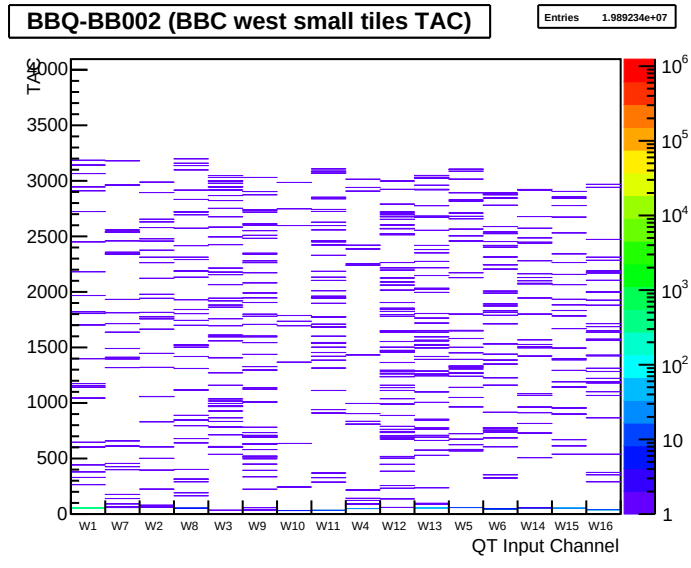

L2-TF201
Entries 8702897
Threshold/UPC bits
265020
362459
122800
256560
295465
226526
744490
978251
880812
1.12047e+06
986711
947806
1.01674e+06
498781
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

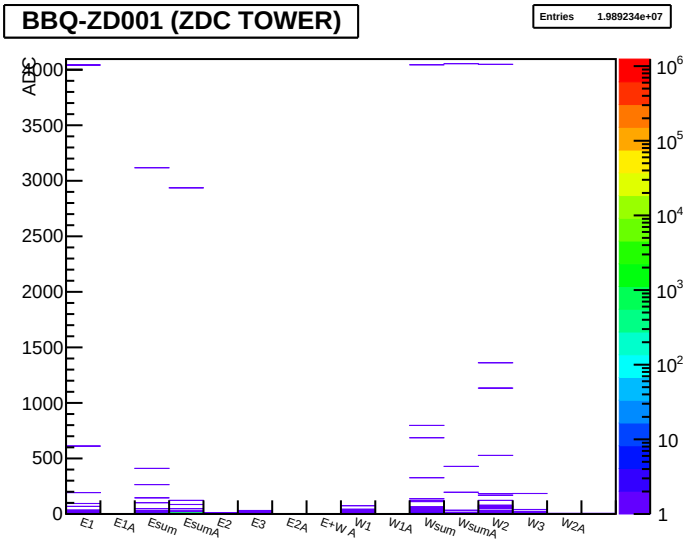

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

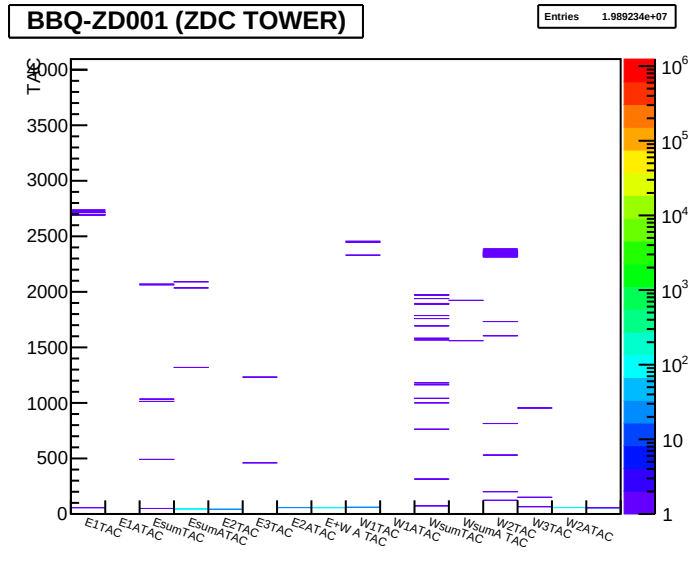

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.989234e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

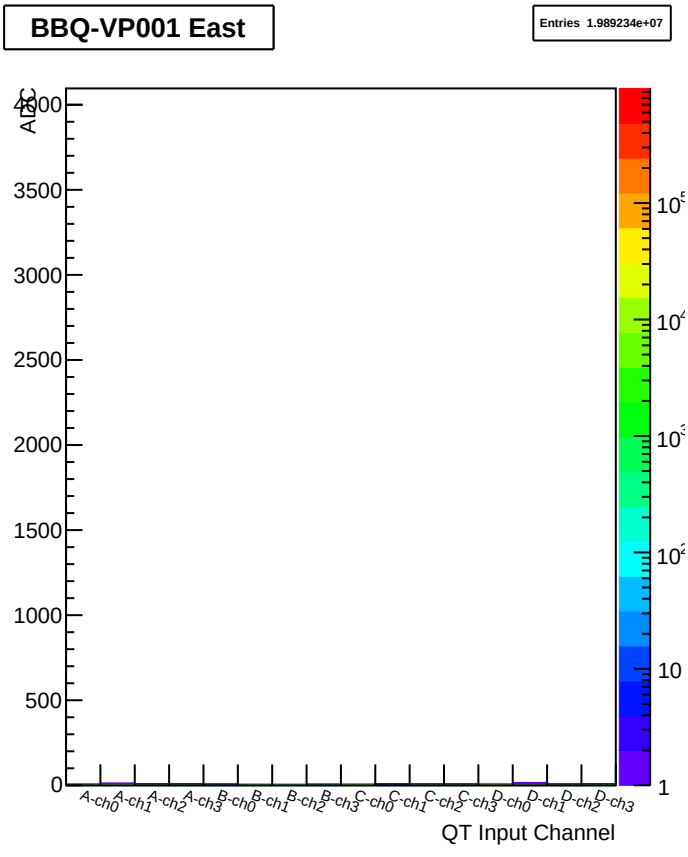

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.989234e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

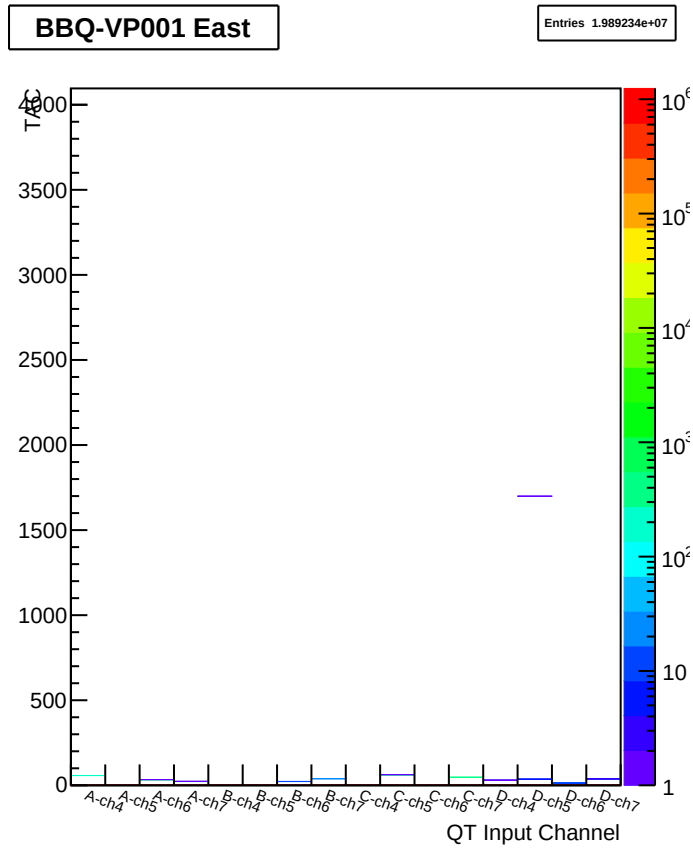

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.989234e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

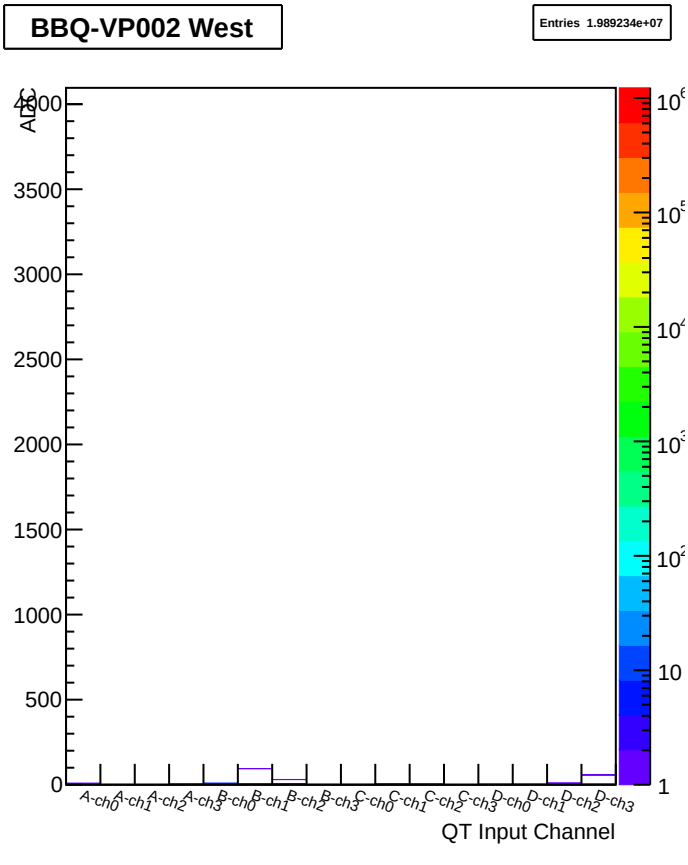

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.989234e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

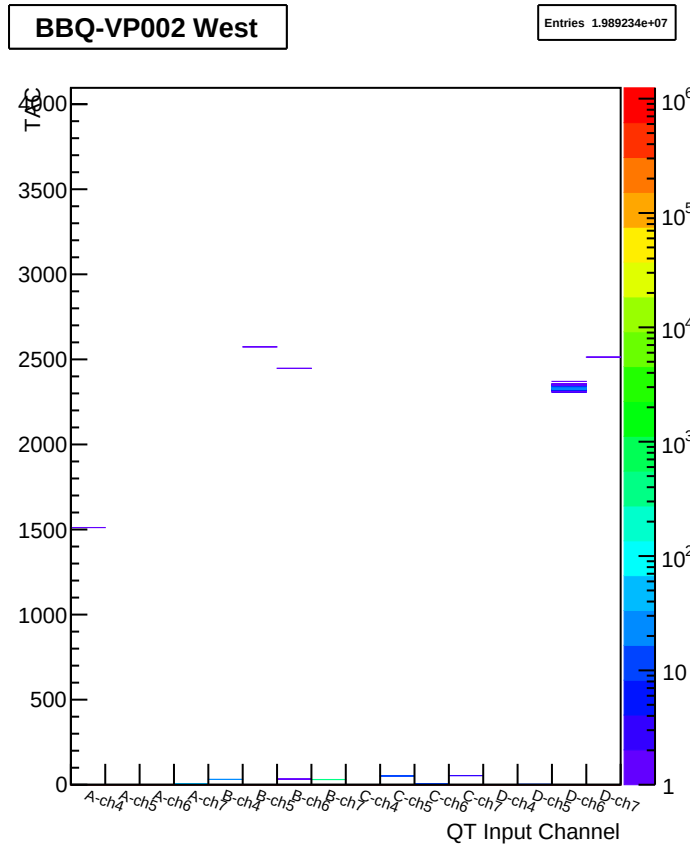

BBQ-ZD001 (ZDC TOWER)
Entries 1.989234e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

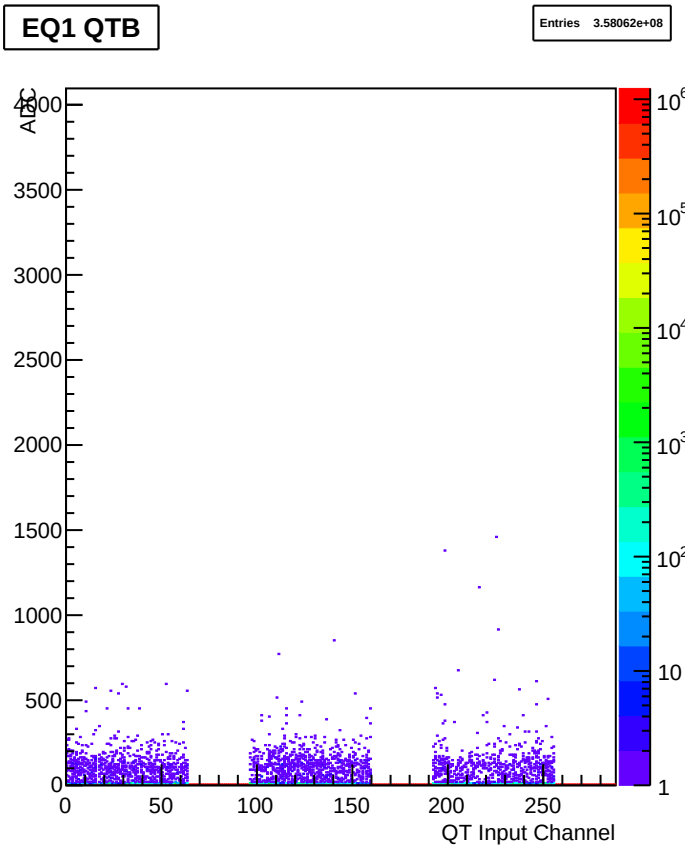

BBQ-ZD001 (ZDC TOWER)
Entries 1.989234e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

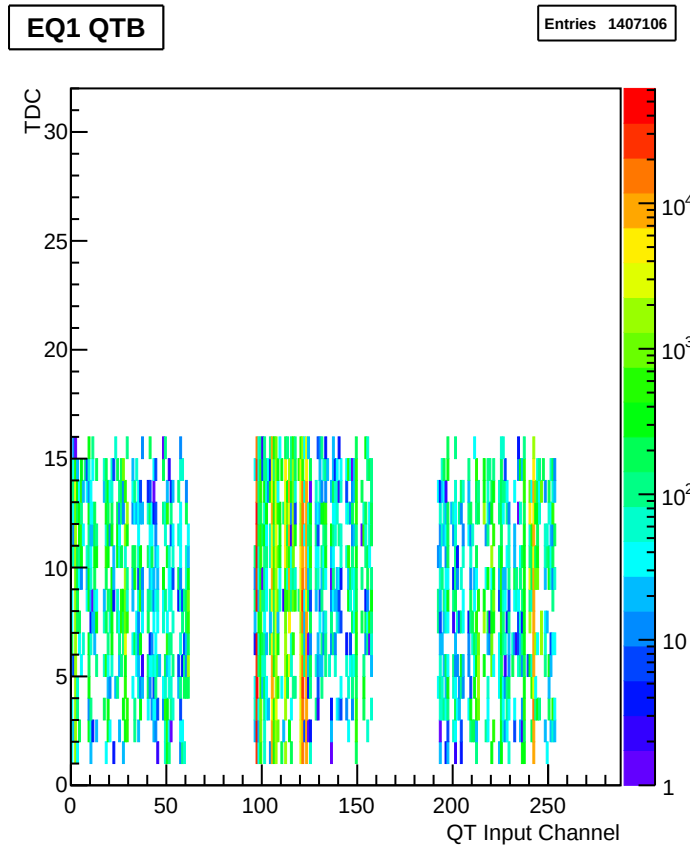

BBQ-VP001 East
Entries 1.989234e+07
ADC
QT Input Channel

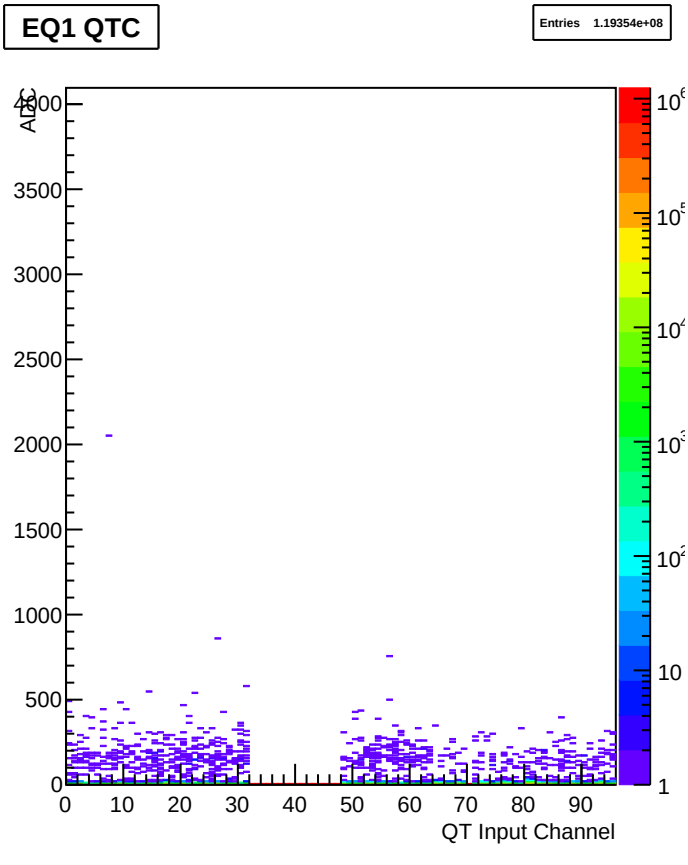

BBQ-VP001 East
Entries 1.989234e+07
TADC
QT Input Channel

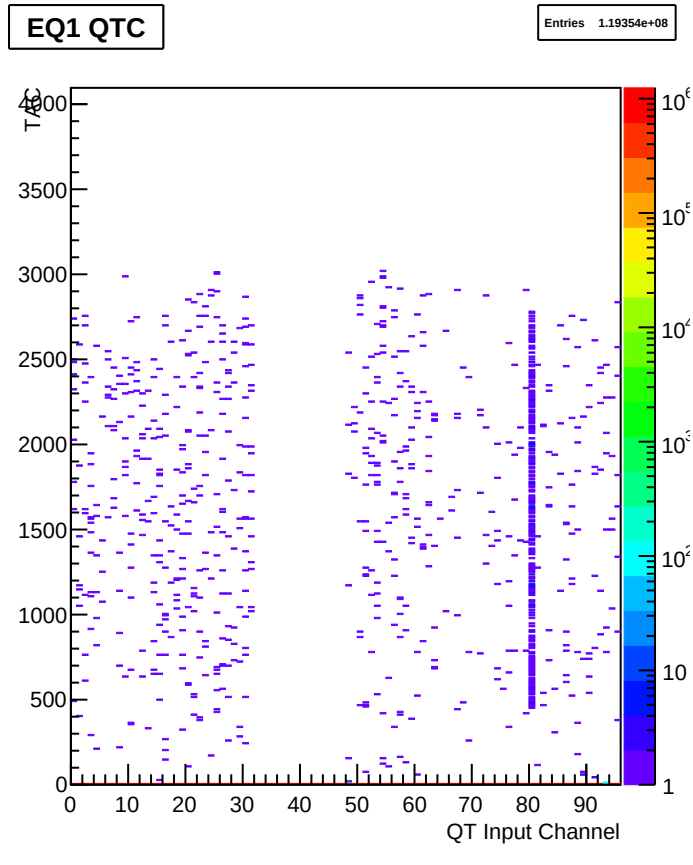

BBQ-VP002 West
Entries 1.989234e+07
ADC
QT Input Channel

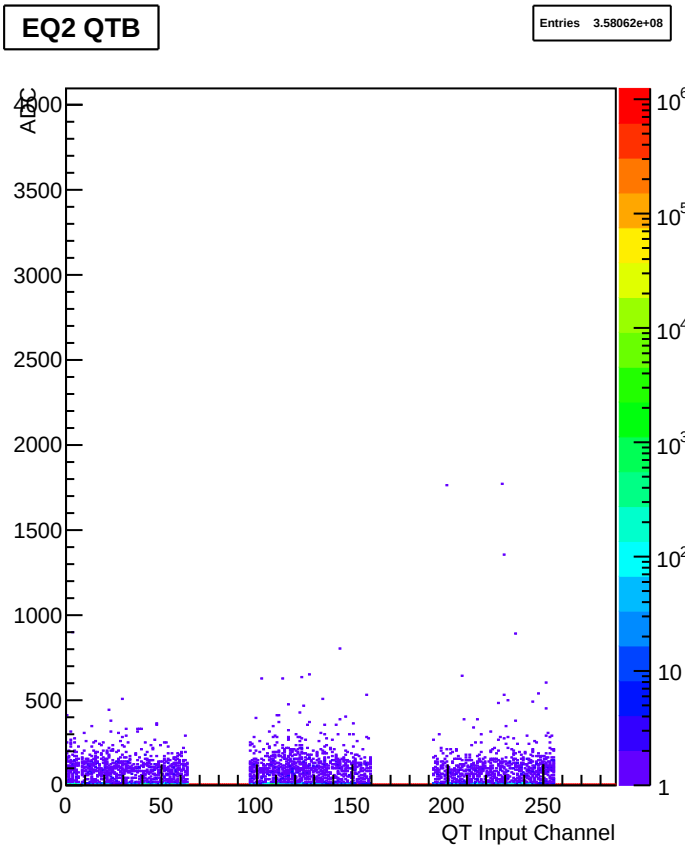

BBQ-VP002 West
Entries 1.989234e+07
TADC
QT Input Channel

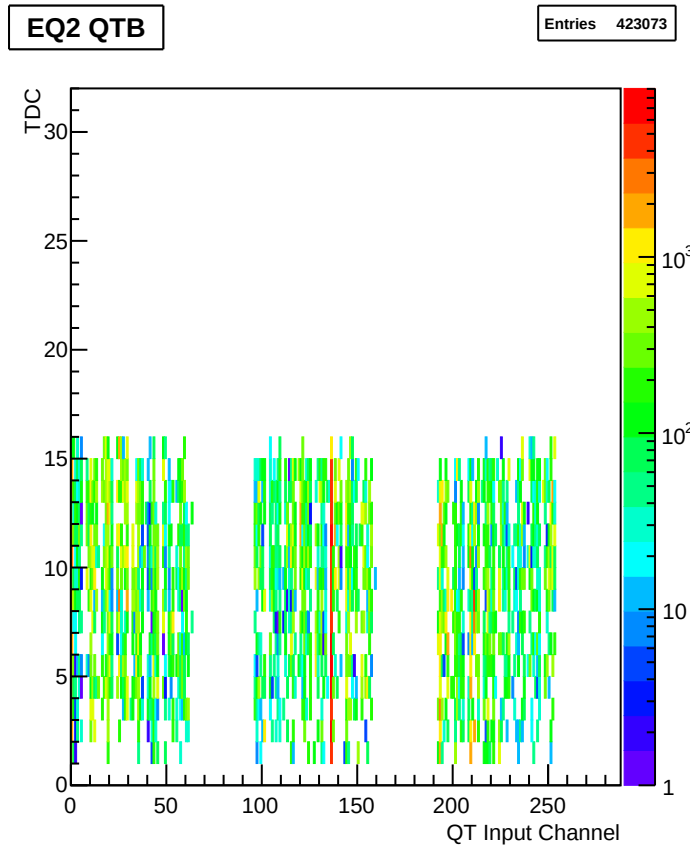

EQ1 QTB
Entries 3.58062e+08
ADC
QT Input Channel

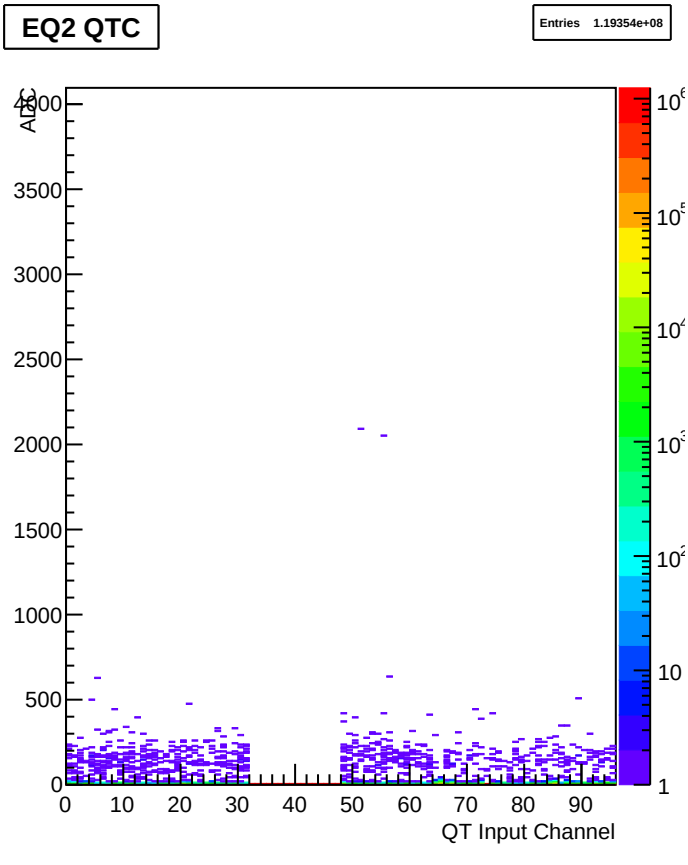

EQ1 QTB
Entries 1407106
TDC
QT Input Channel

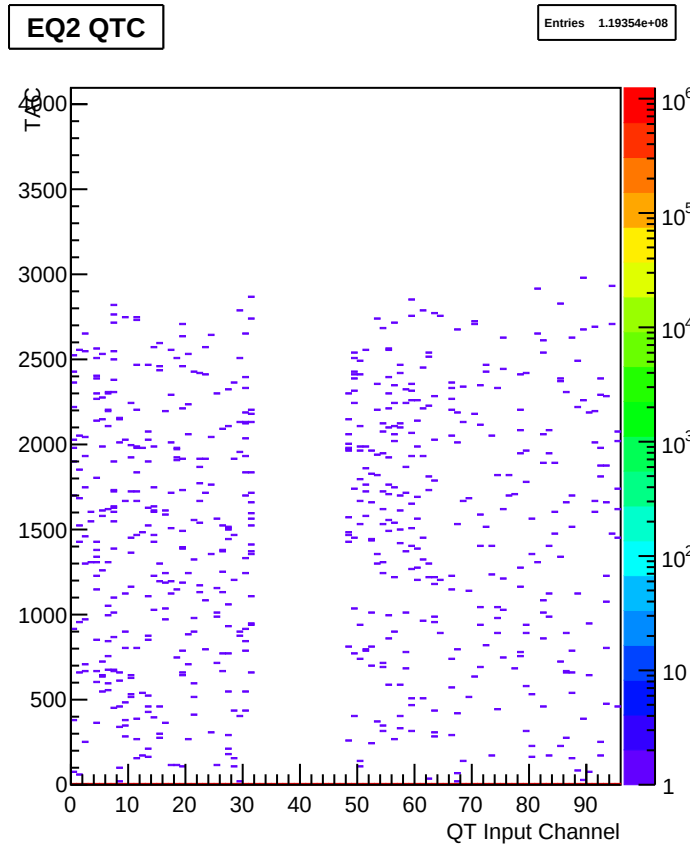

EQ1 QTC
Entries 1.19354e+08
ADC
QT Input Channel

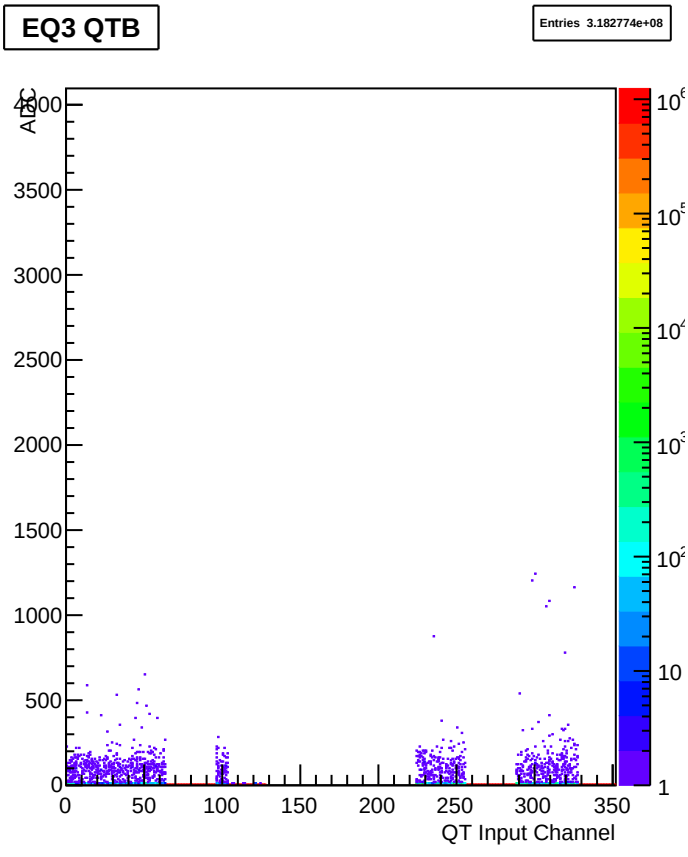

EQ1 QTC
Entries 1.19354e+08
TADC
QT Input Channel

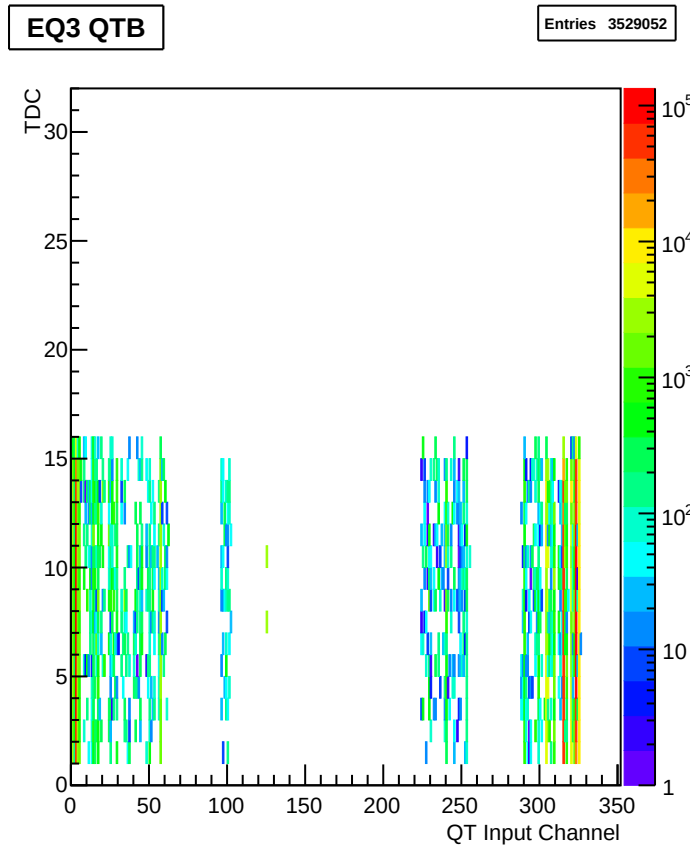

EQ2 QTB
Entries 3.58062e+08
ADC
QT Input Channel

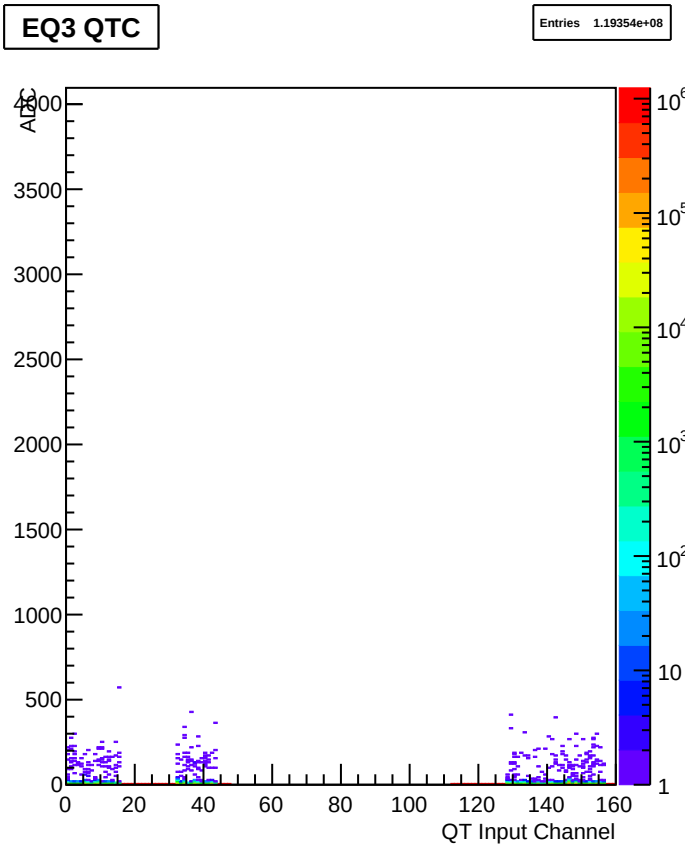

EQ2 QTB
Entries 423073
TDC
QT Input Channel

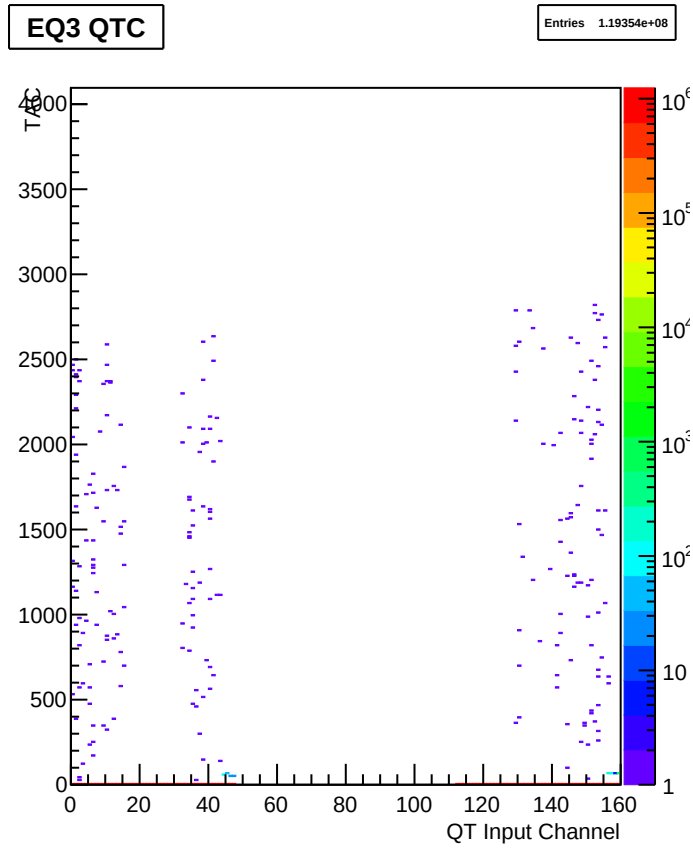

EQ2 QTC
Entries 1.19354e+08
ADC
QT Input Channel

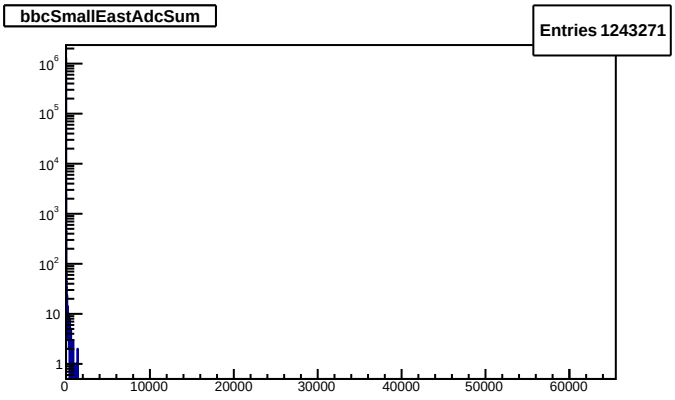

EQ2 QTC
Entries 1.19354e+08
TADC
QT Input Channel

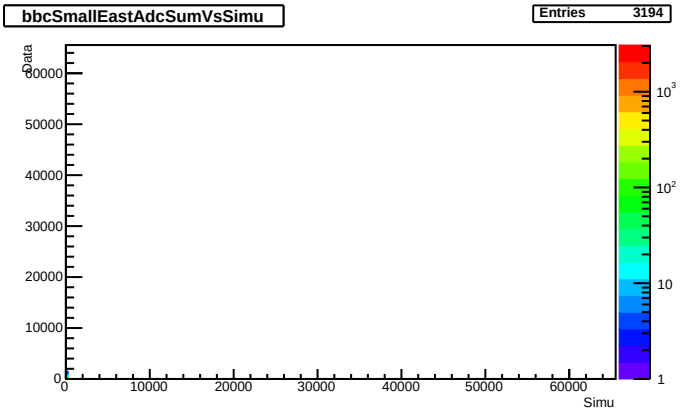

EQ3 QTB
Entries 3.182774e+08
ADC
QT Input Channel

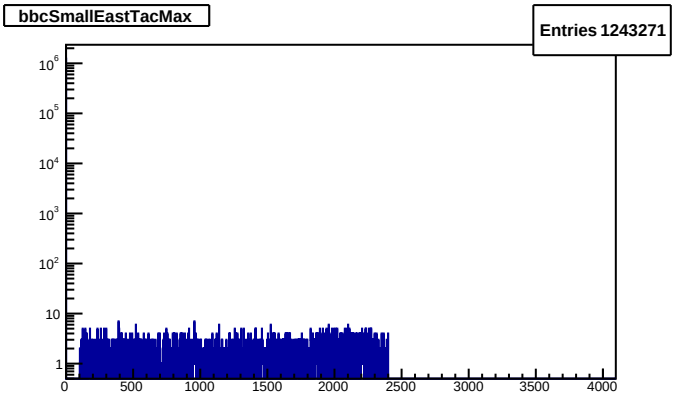

EQ3 QTB
Entries 3529052
TDC
QT Input Channel

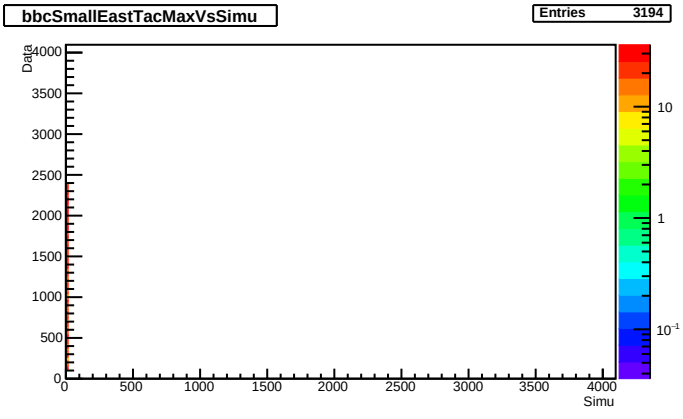

EQ3 QTC
Entries 1.19354e+08
ADC
QT Input Channel

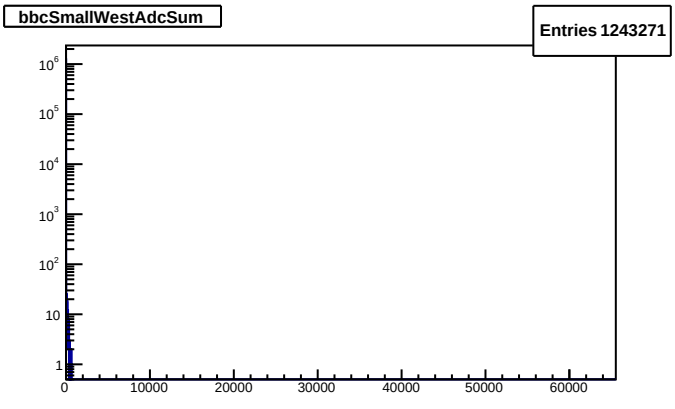

EQ3 QTC
Entries 1.19354e+08
TADC
QT Input Channel

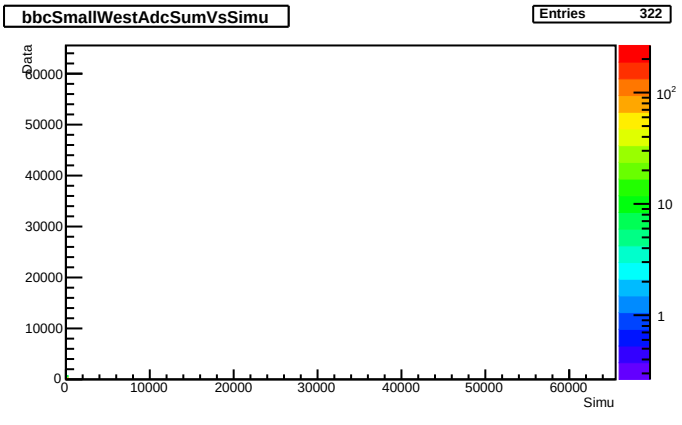

bbcSmallEastAdcSum
Entries 1243271

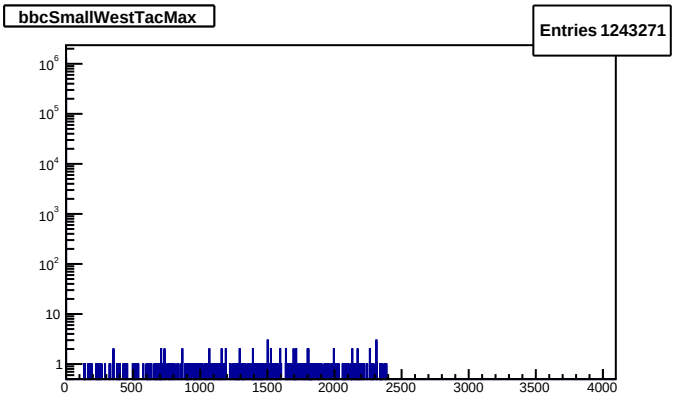

bbcSmallEastAdcSumVsSimu
Entries 3194
Data
Simu

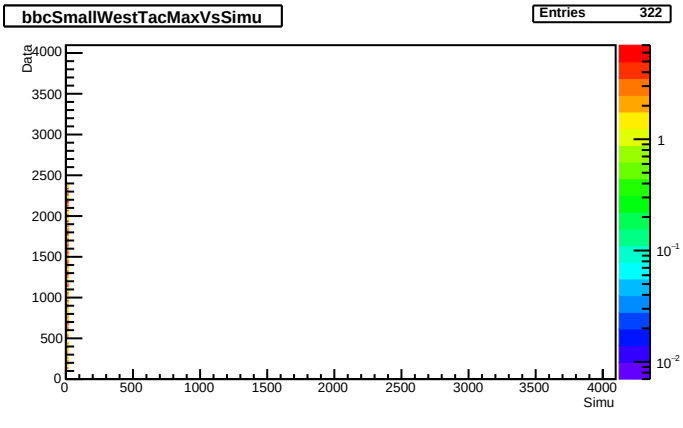

bbcSmallEastTacMax
Entries 1243271

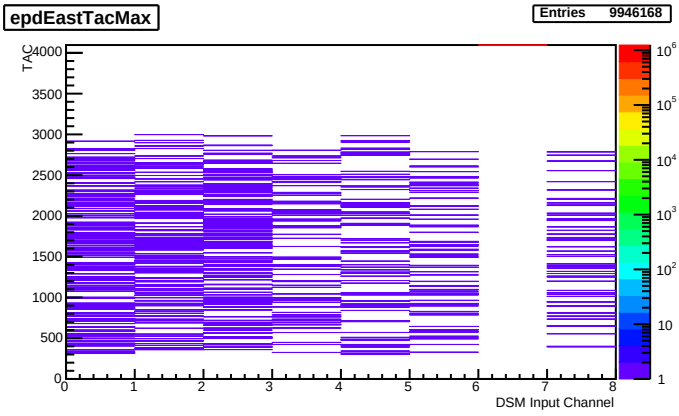

bbcSmallEastTacMaxVsSimu
Entries 3194
Data
Simu

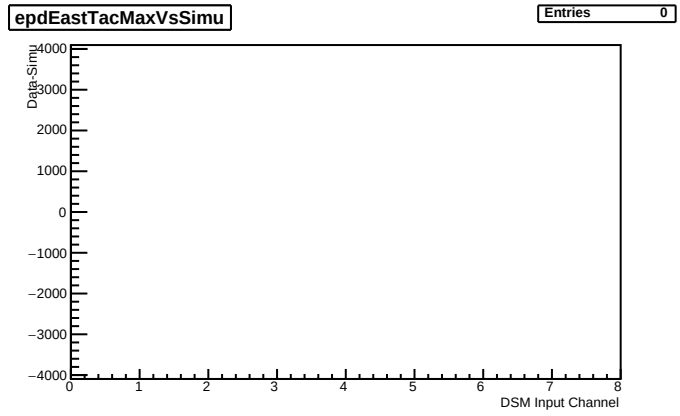

bbcSmallWestAdcSum
Entries 1243271

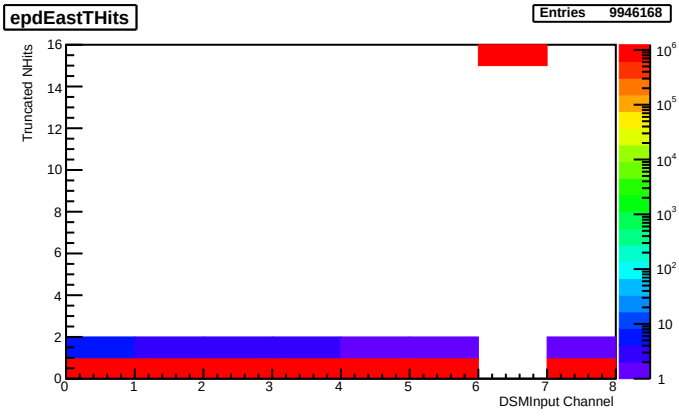

bbcSmallWestAdcSumVsSimu
Entries 322
Data
Simu

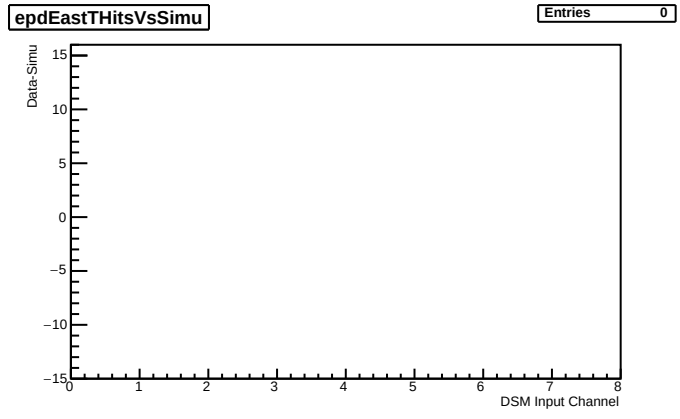

bbcSmallWestTacMax
Entries 1243271

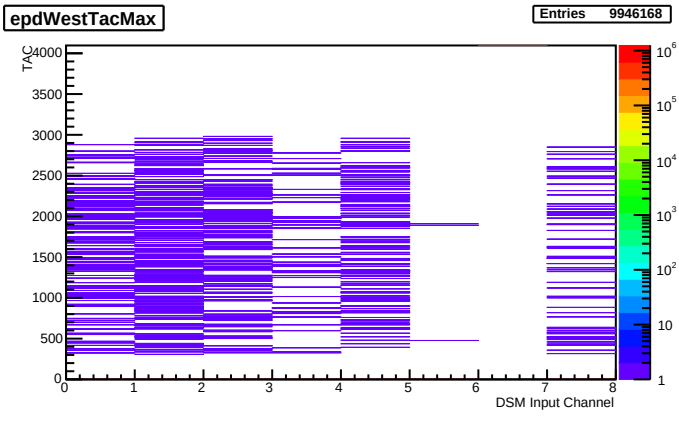

bbcSmallWestTacMaxVsSimu
Entries 322
Data
Simu

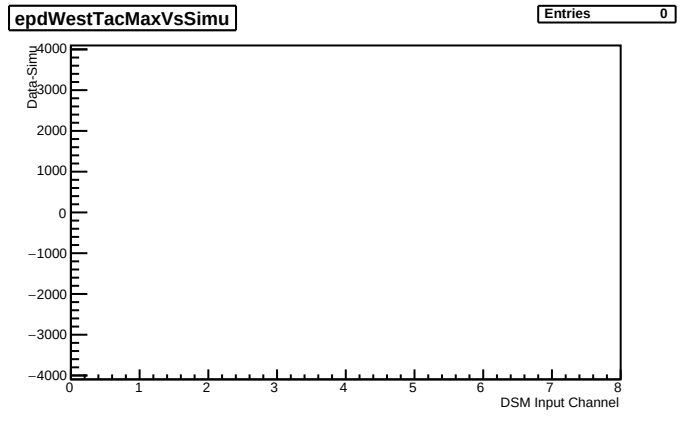

epdEastTacMax
Entries 9946168
TAC
DSM Input Channel

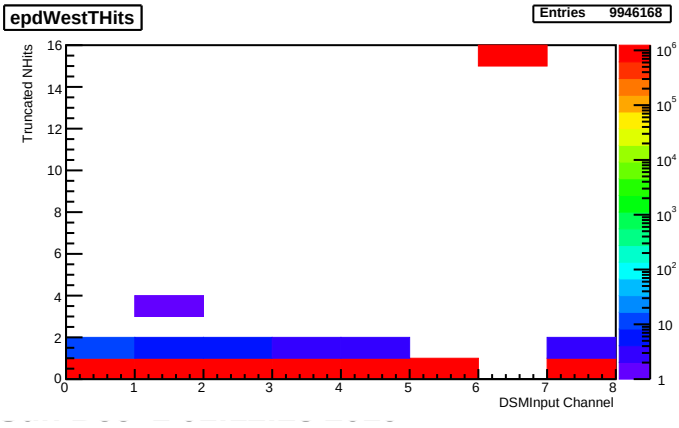

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

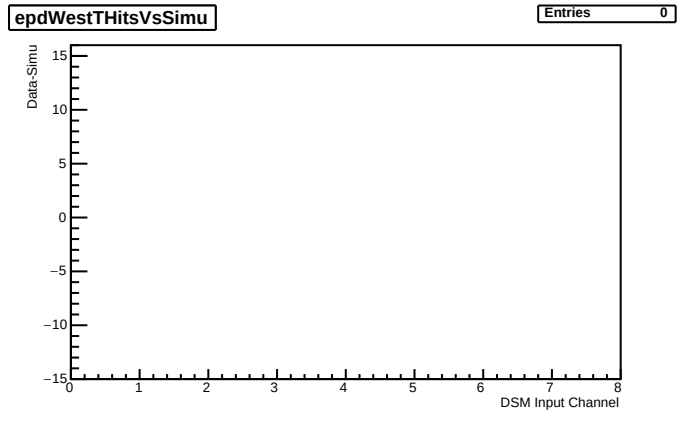

epdEastTHits
Entries 9946168
Truncated NHits
DSMInput Channel

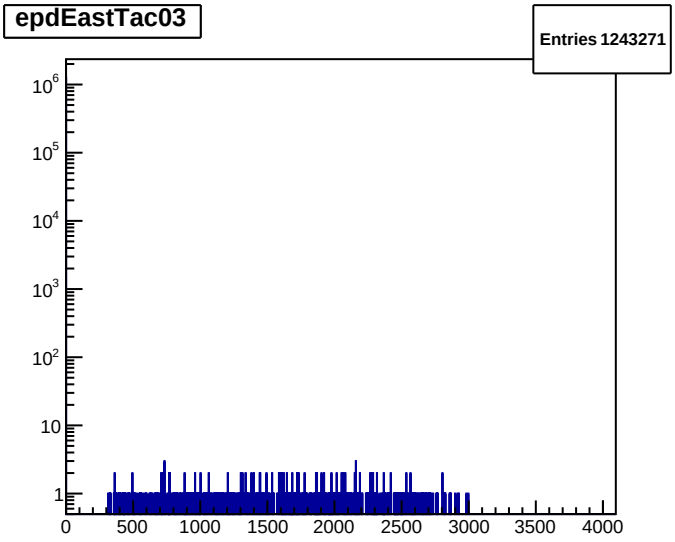

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

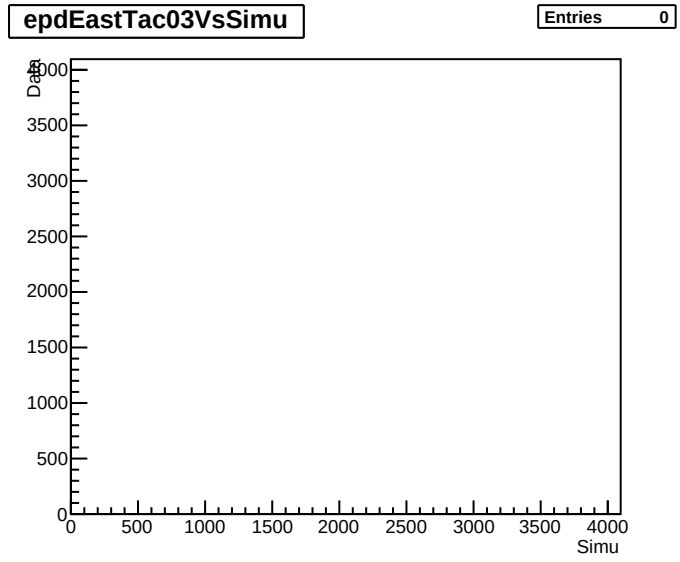

epdWestTacMax
Entries 9946168
TAC
DSM Input Channel

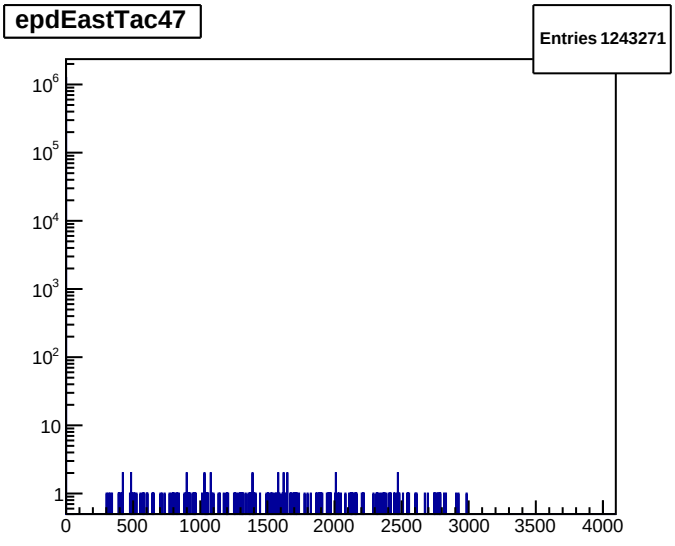

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

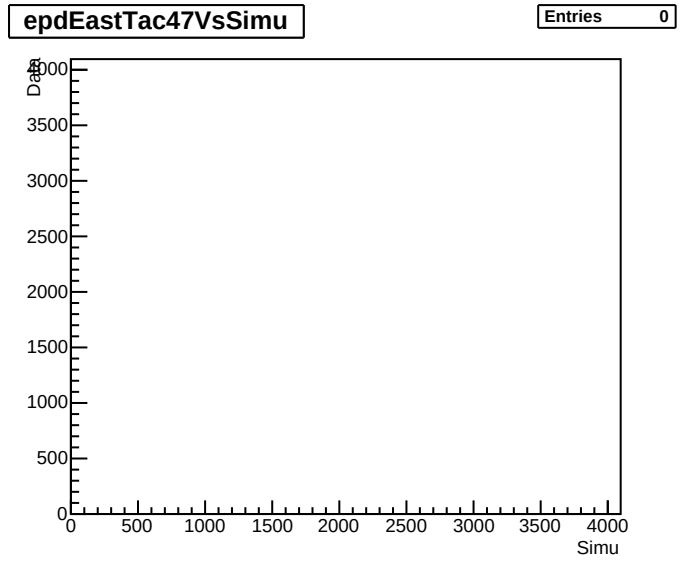

epdWestTHits
Entries 9946168
Truncated NHits
DSMInput Channel

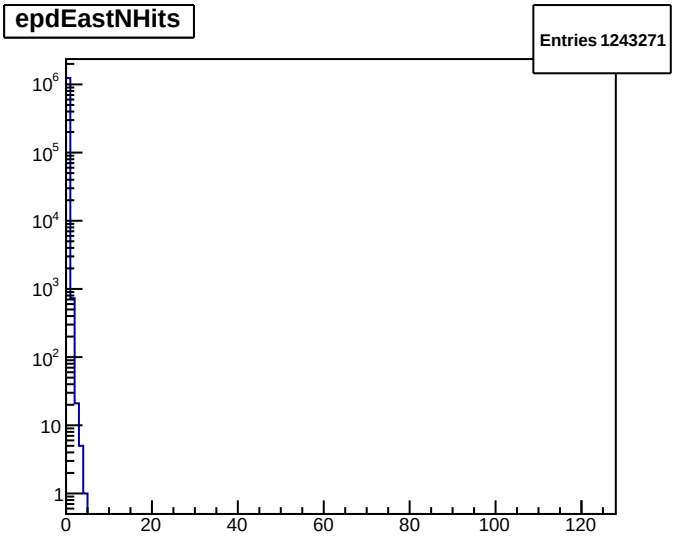

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

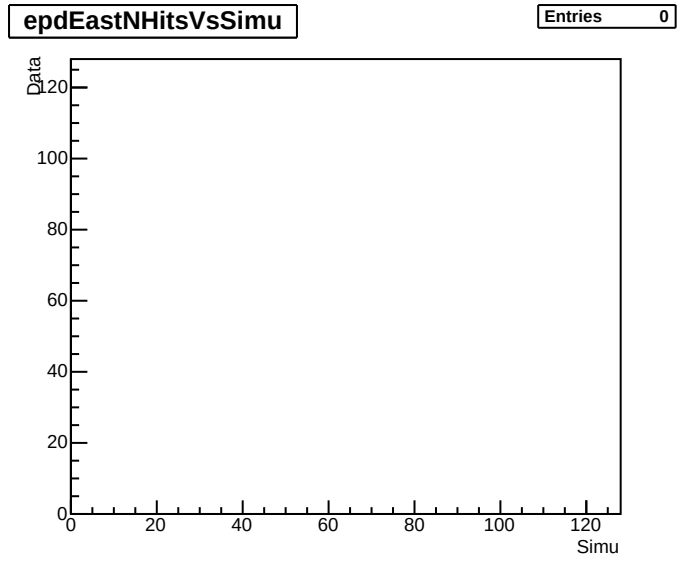

epdEastTac03
Entries 1243271

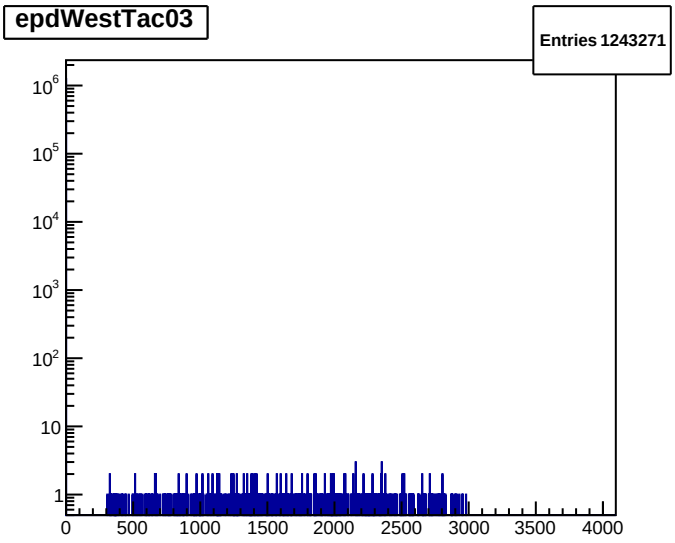

epdEastTac03VsSimu
Entries 0
Data
Simu

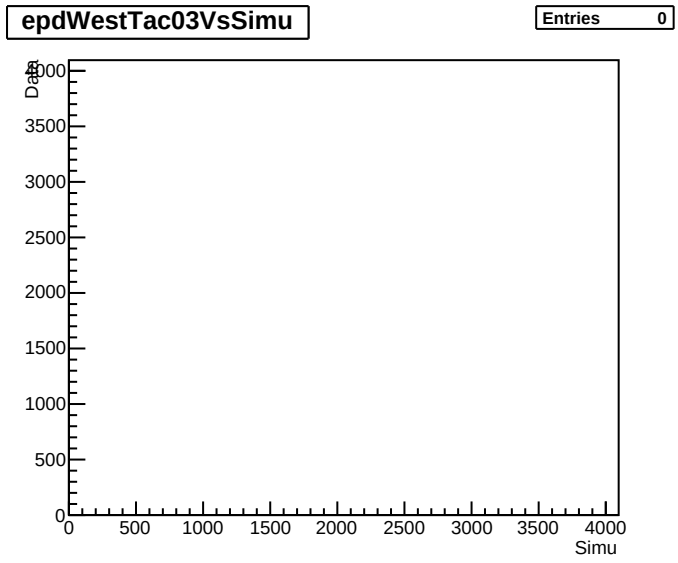

epdEastTac47
Entries 1243271

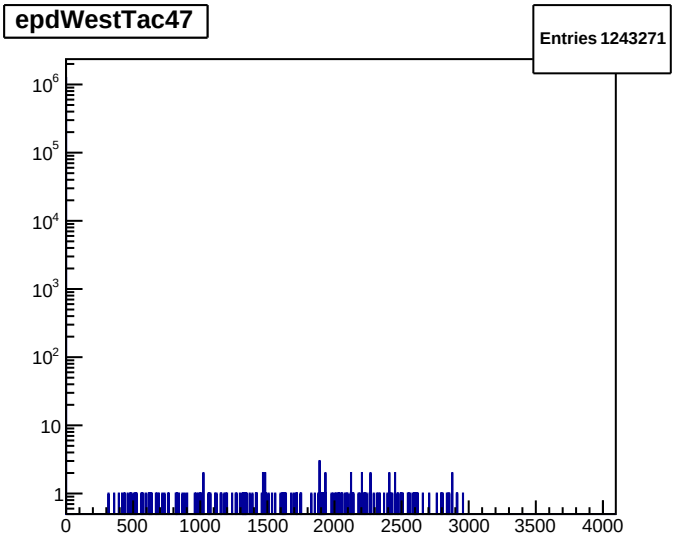

epdEastTac47VsSimu
Entries 0
Data
Simu

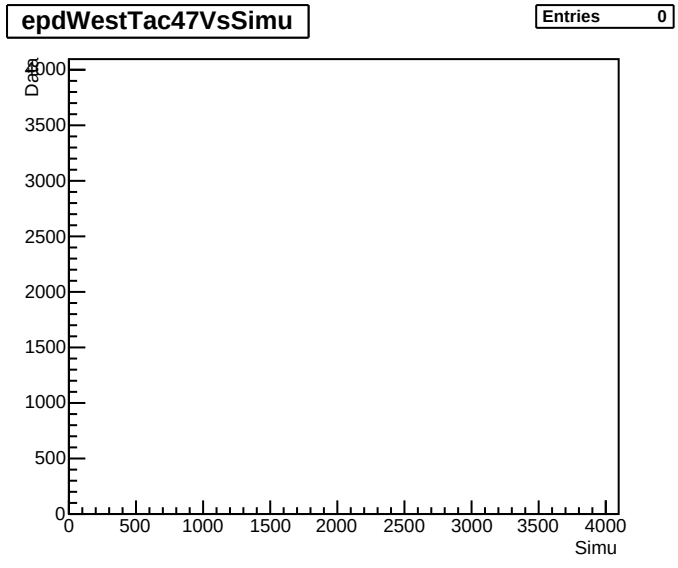

epdEastNHits
Entries 1243271

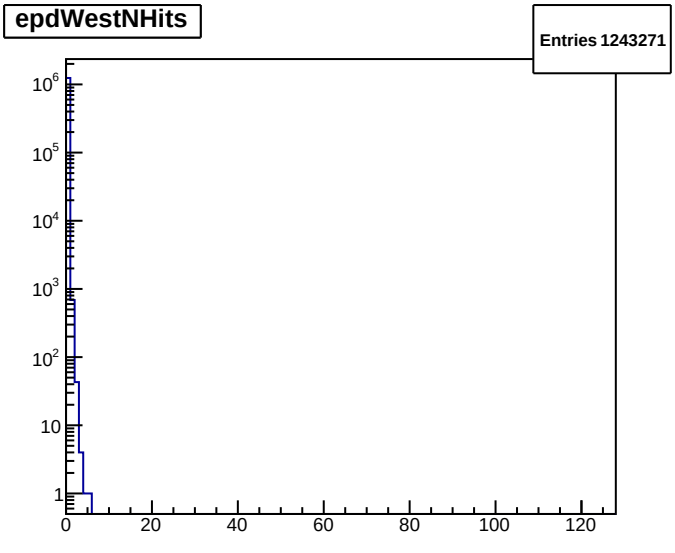

epdEastNHitsVsSimu
Entries 0
Data
Simu

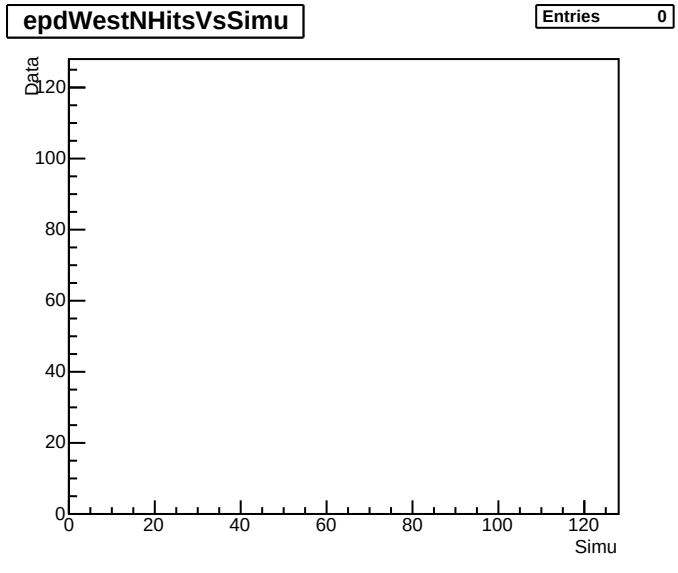

epdWestTac03
Entries 1243271

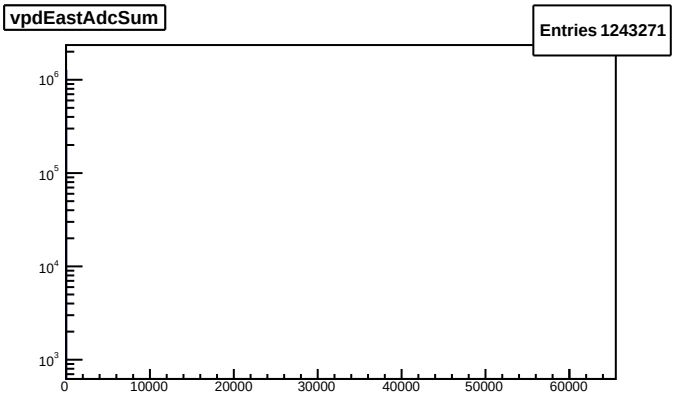

epdWestTac03VsSimu
Entries 0
Data
Simu

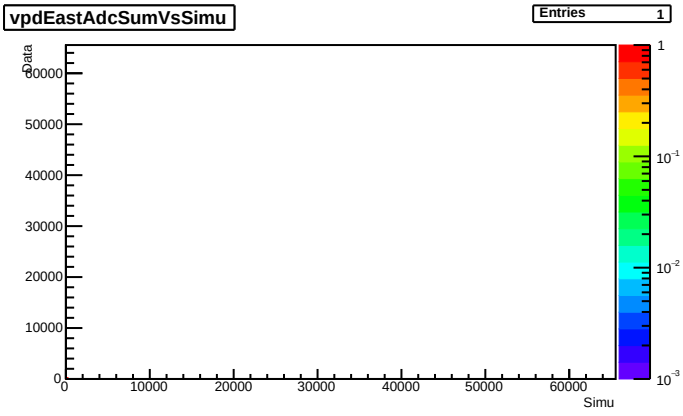

epdWestTac47
Entries 1243271

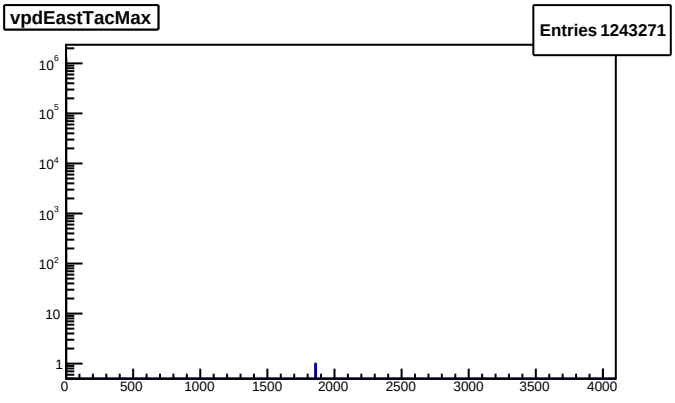

epdWestTac47VsSimu
Entries 0
Data
Simu

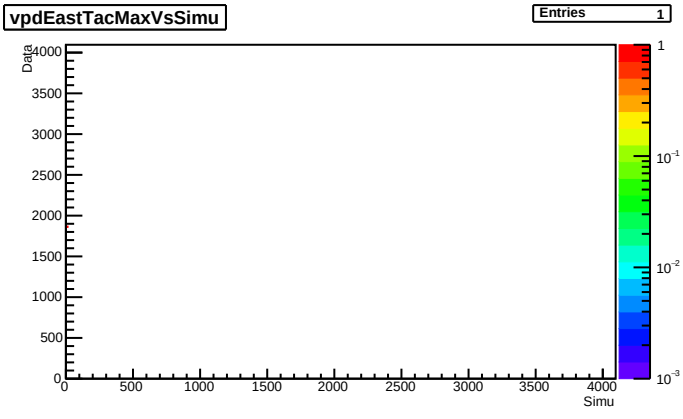

epdWestNHits
Entries 1243271

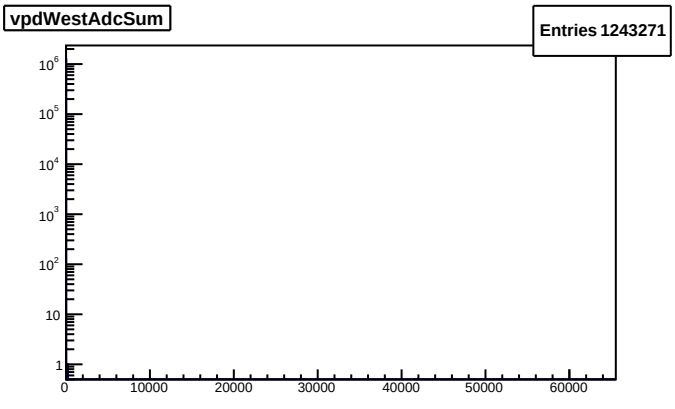

epdWestNHitsVsSimu
Entries 0
Data
Simu

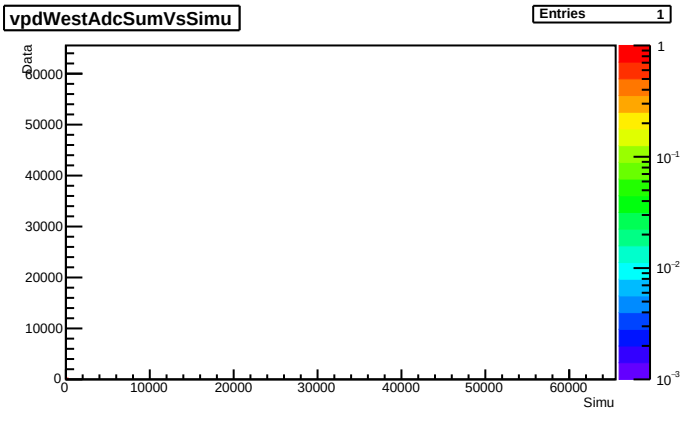

vpdEastAdcSum
Entries 1243271

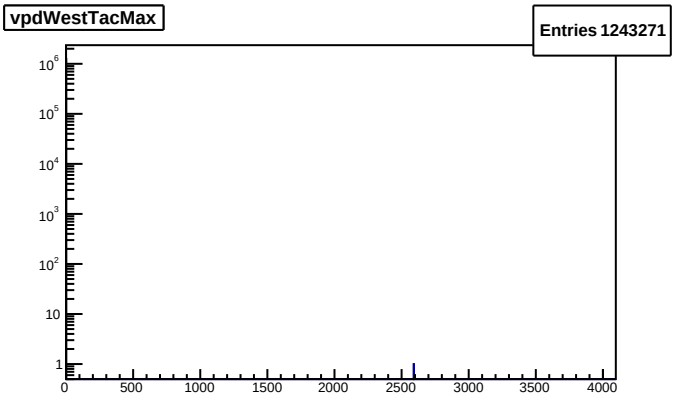

vpdEastAdcSumVsSimu
Entries 1
Data
Simu

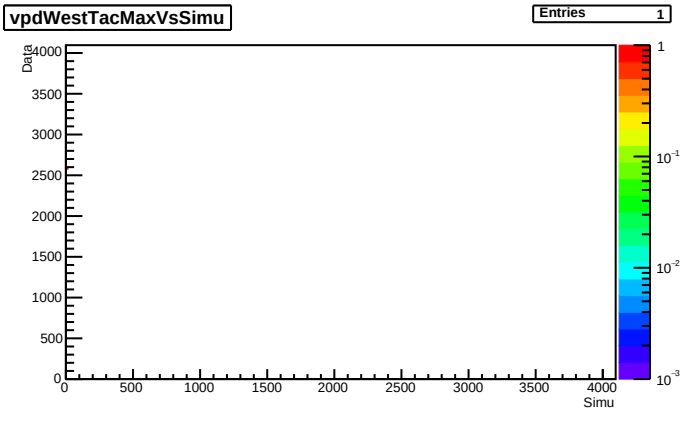

vpdEastTacMax
Entries 1243271

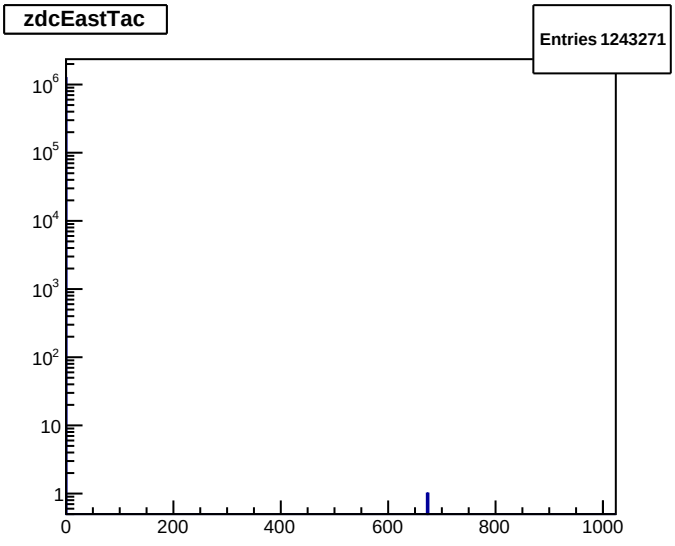

vpdEastTacMaxVsSimu
Entries 1
Data
Simu

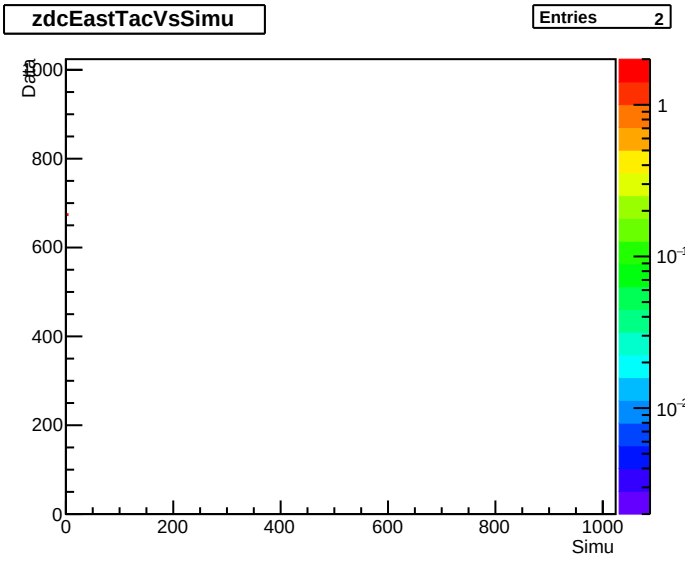

vpdWestAdcSum
Entries 1243271

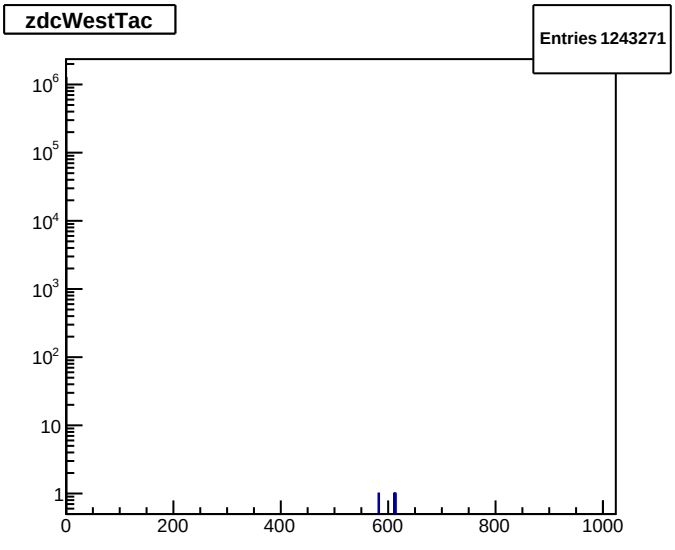

vpdWestAdcSumVsSimu
Entries 1
Data
Simu

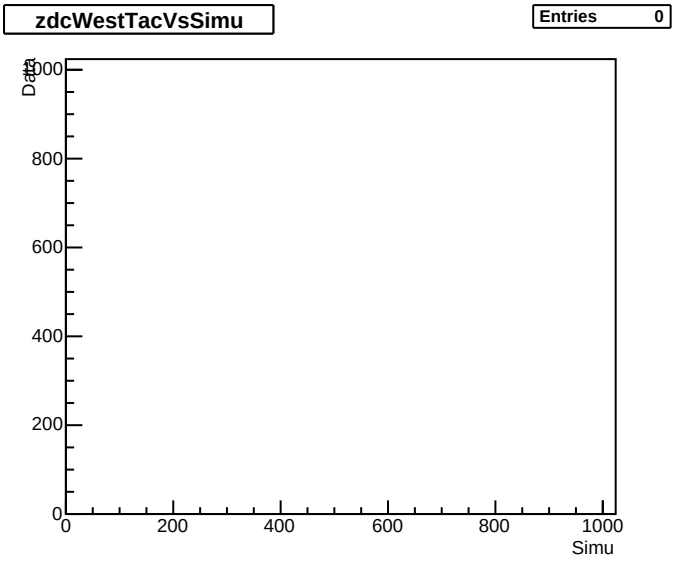

vpdWestTacMax
Entries 1243271

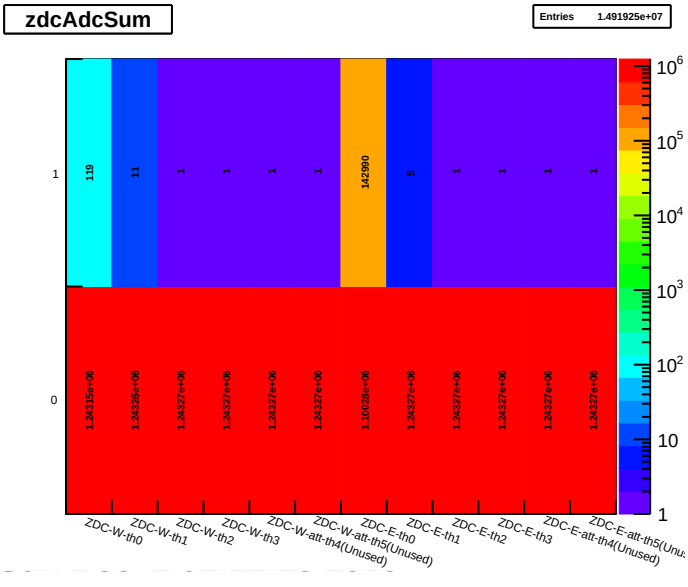

vpdWestTacMaxVsSimu
Entries 1
Data
Simu

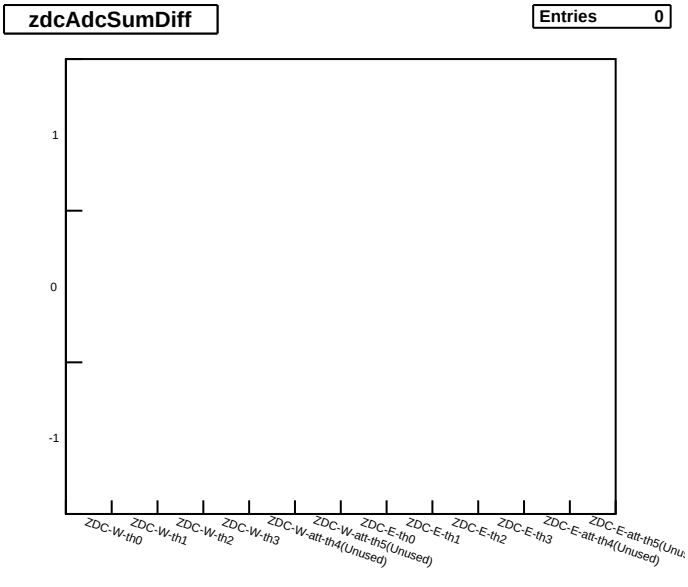

zdcEastTac
Entries 1243271

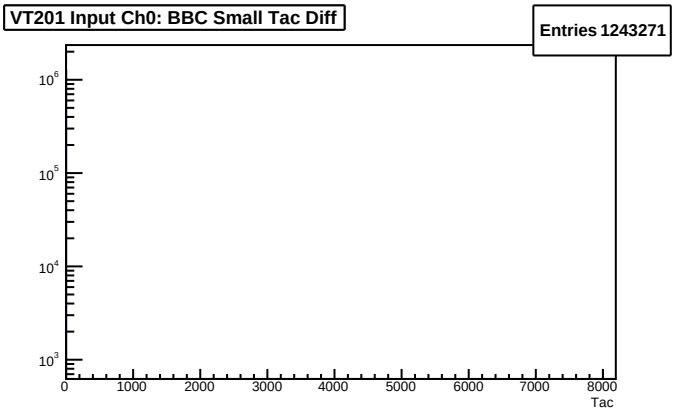

zdcEastTacVsSimu
Entries 2
Data
Simu

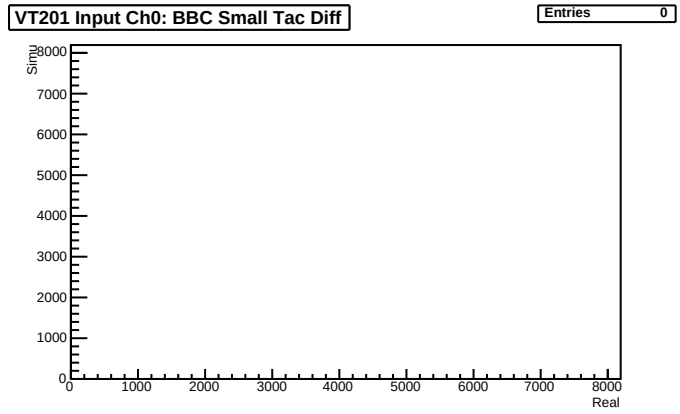

zdcWestTac
Entries 1243271

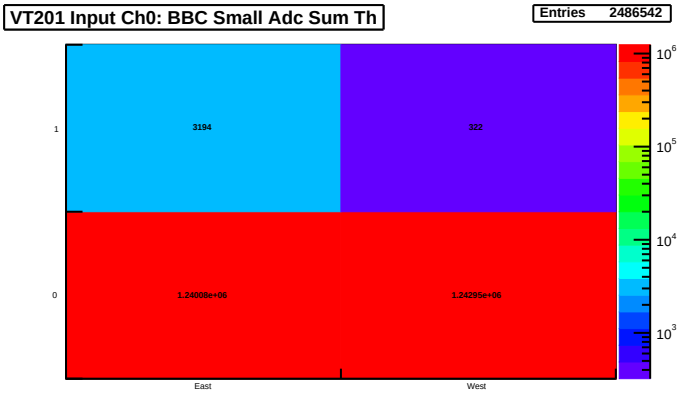

zdcWestTacVsSimu
Entries 0
Data
Simu

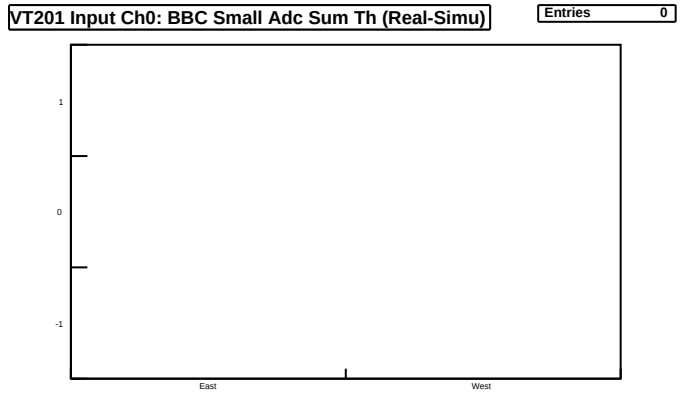

zdcAdcSum
Entries 1.491925e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

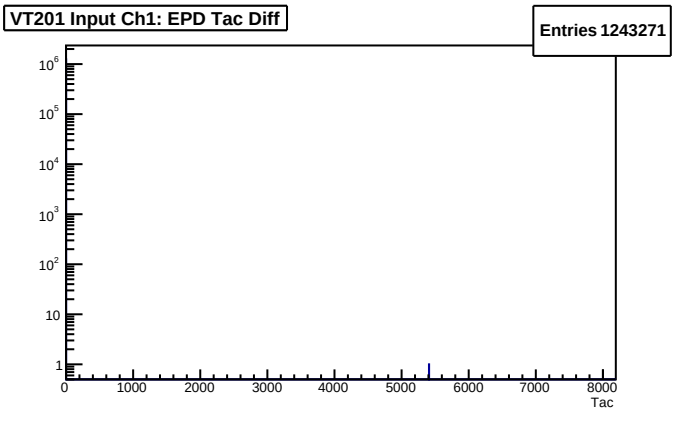

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

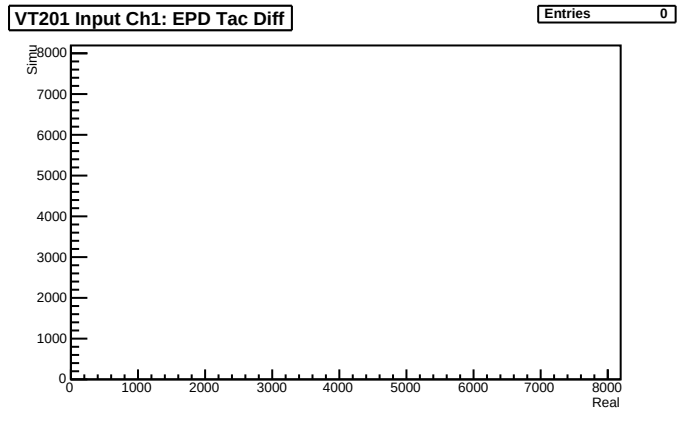

VT201 Input Ch0: BBC Small Tac Diff
Entries 1243271
Tac

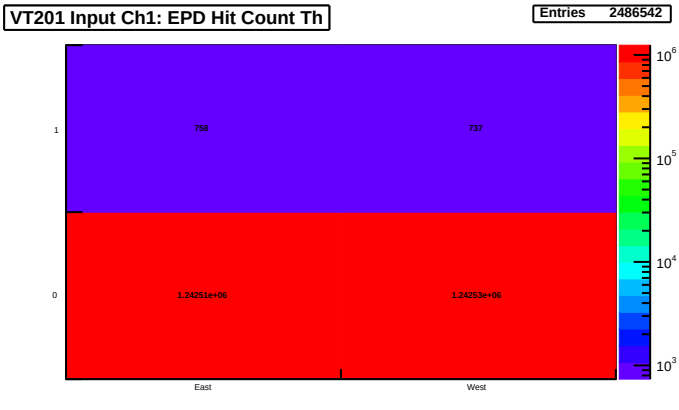

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

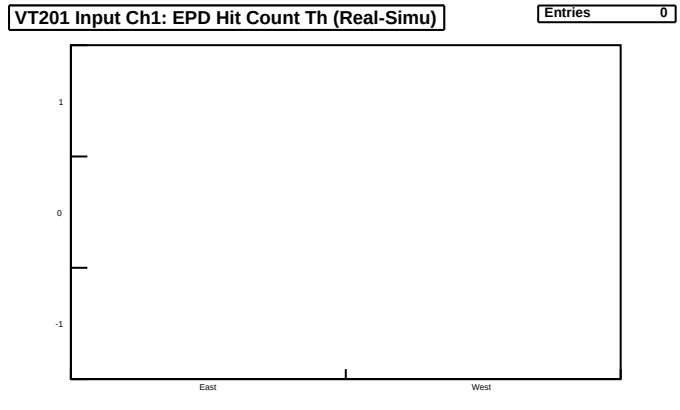

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 2486542
3194
322
1.24008e+06
1.24295e+06
East
West

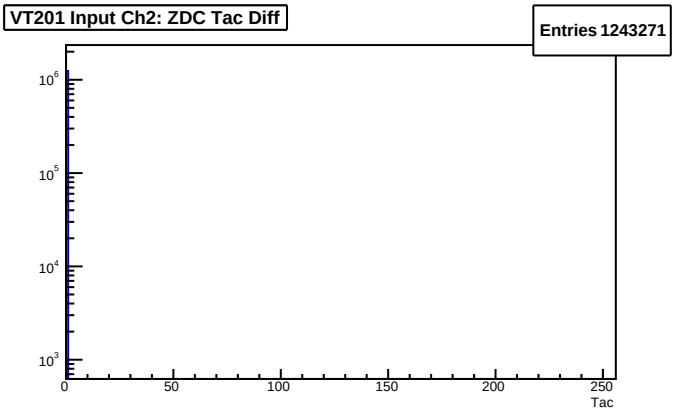

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

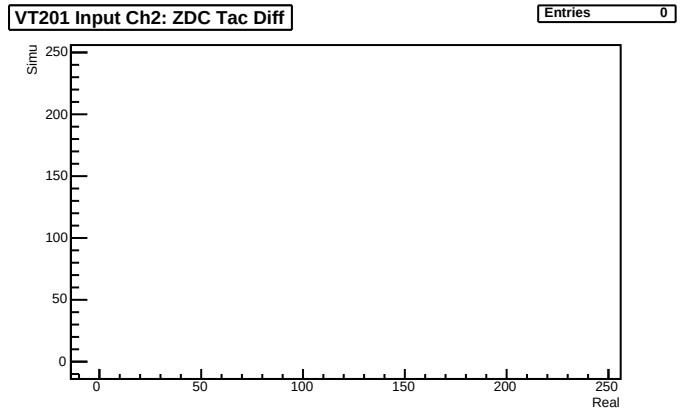

VT201 Input Ch1: EPD Tac Diff
Entries 1243271
Tac

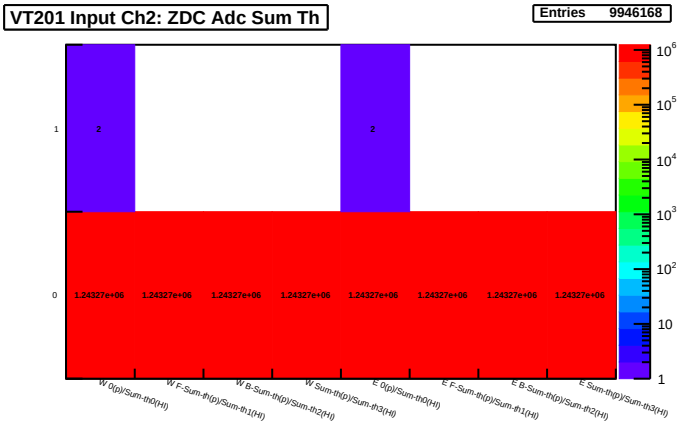

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

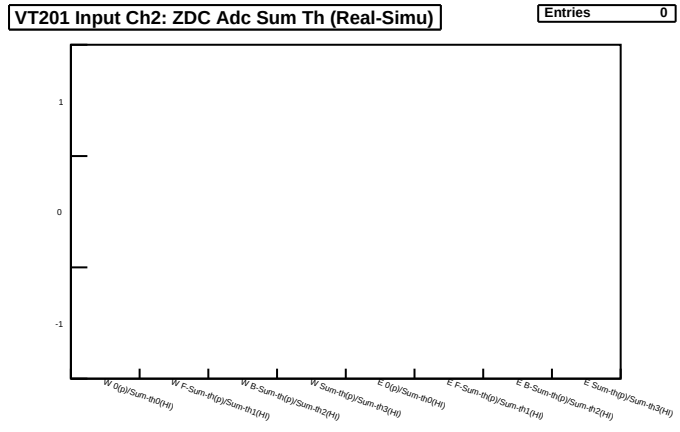

VT201 Input Ch1: EPD Hit Count Th
Entries 2486542
758
737
1.24251e+06
1.24253e+06
East
West

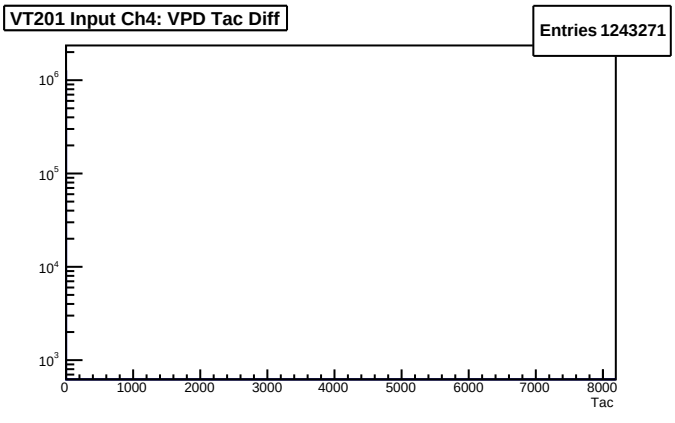

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

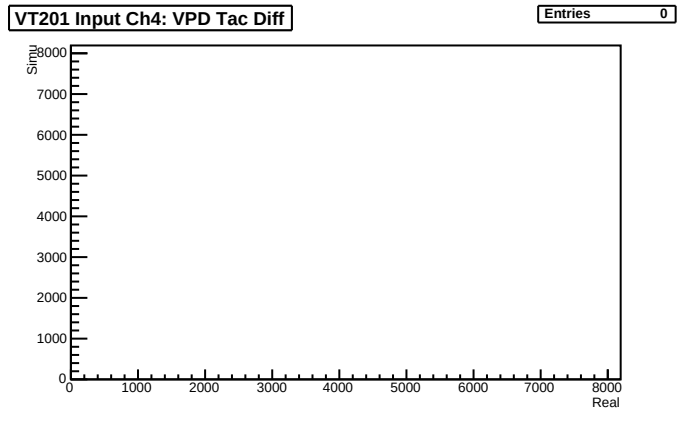

VT201 Input Ch2: ZDC Tac Diff
Entries 1243271
Tac

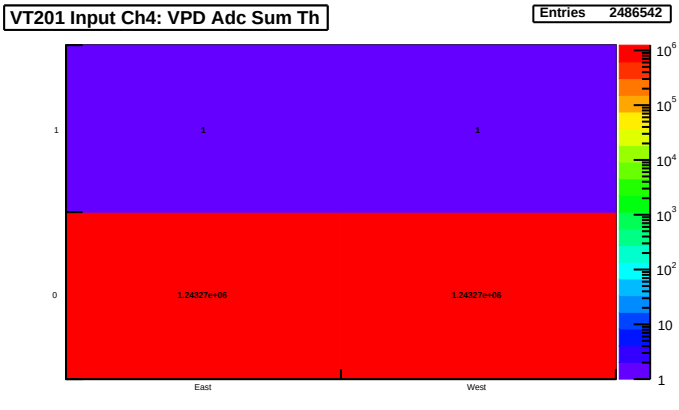

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

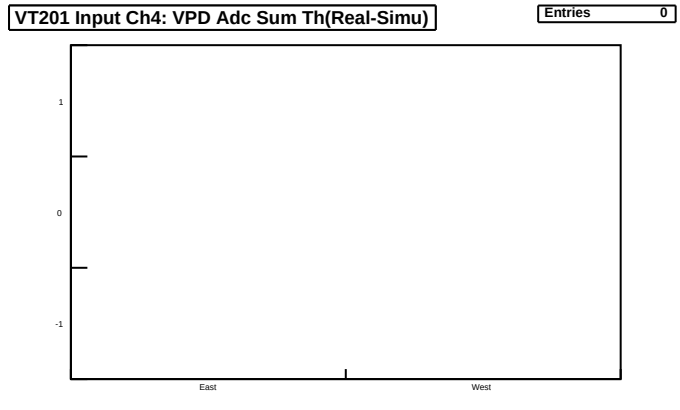

VT201 Input Ch2: ZDC Adc Sum Th
Entries 9946168
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

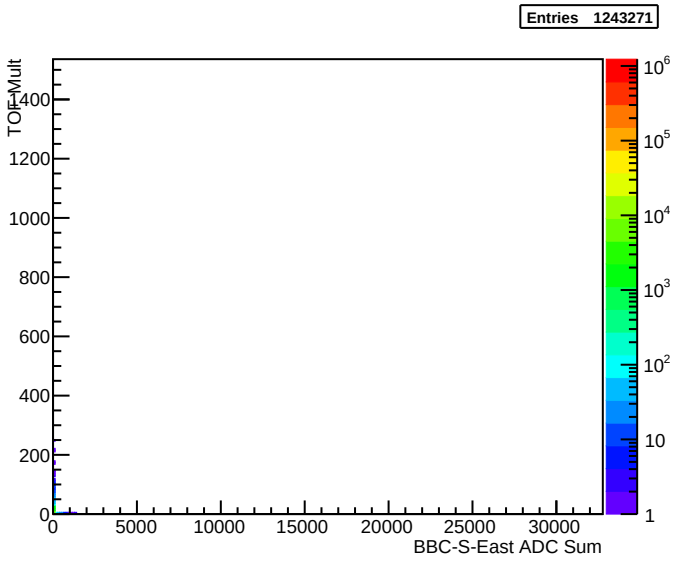

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

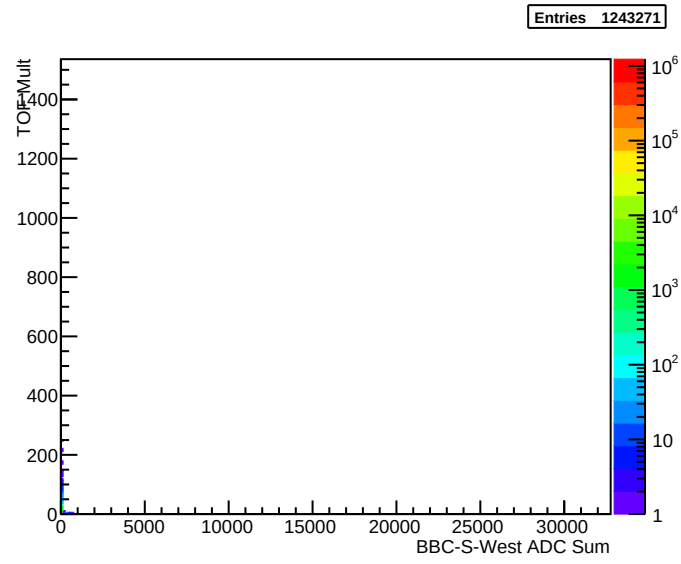

VT201 Input Ch4: VPD Tac Diff
Entries 1243271
Tac

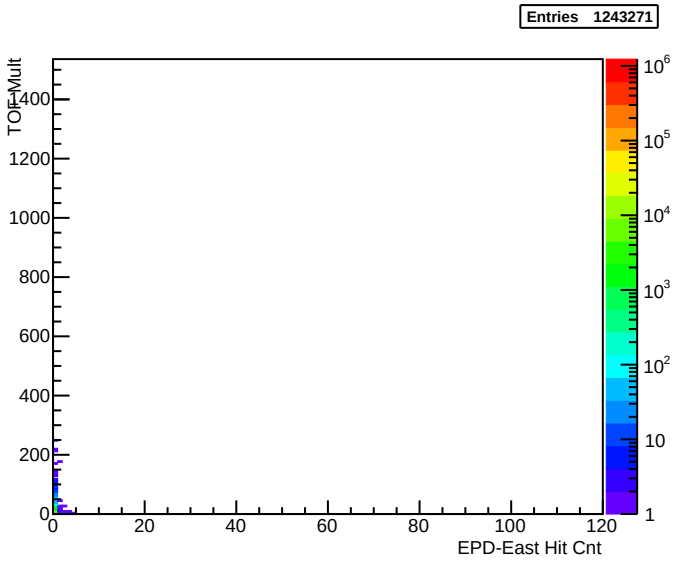

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

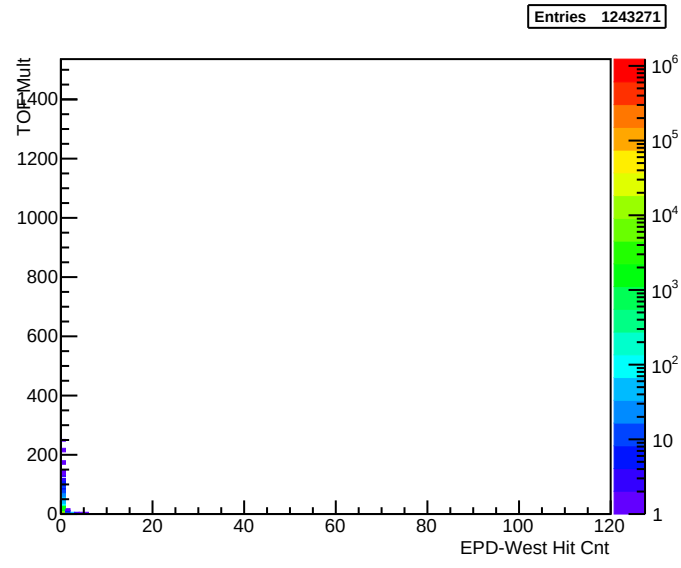

VT201 Input Ch4: VPD Adc Sum Th
Entries 2486542
East
West

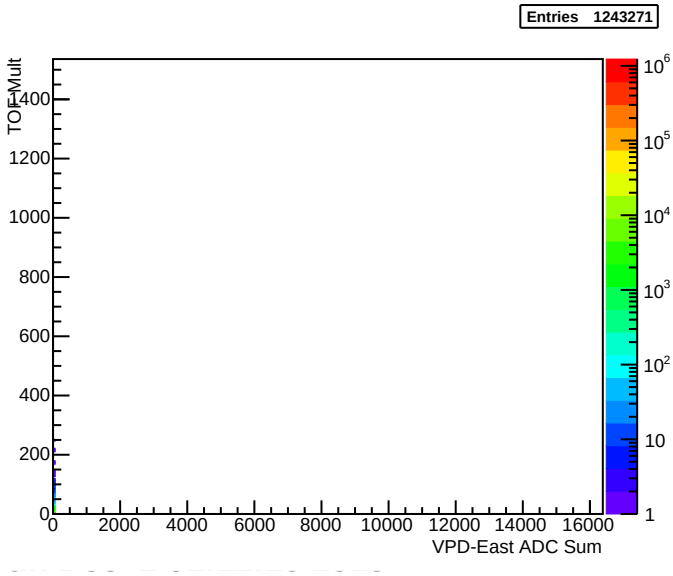

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

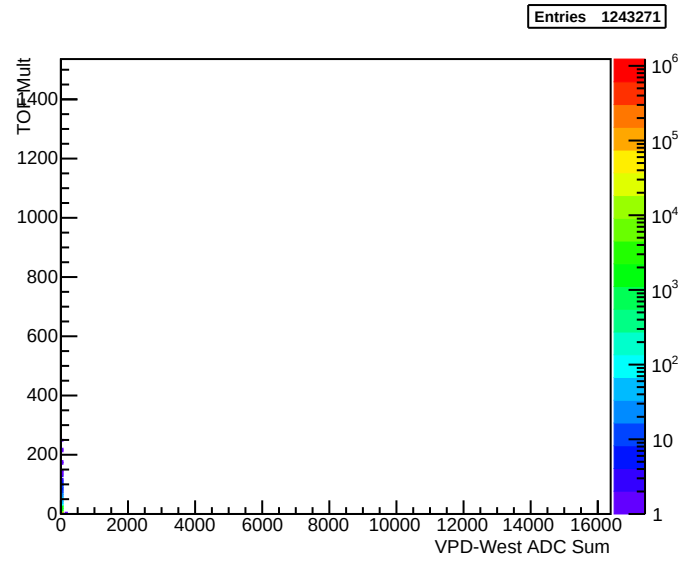

Entries 1243271
TOF-Mult
BBC-S-East ADC Sum

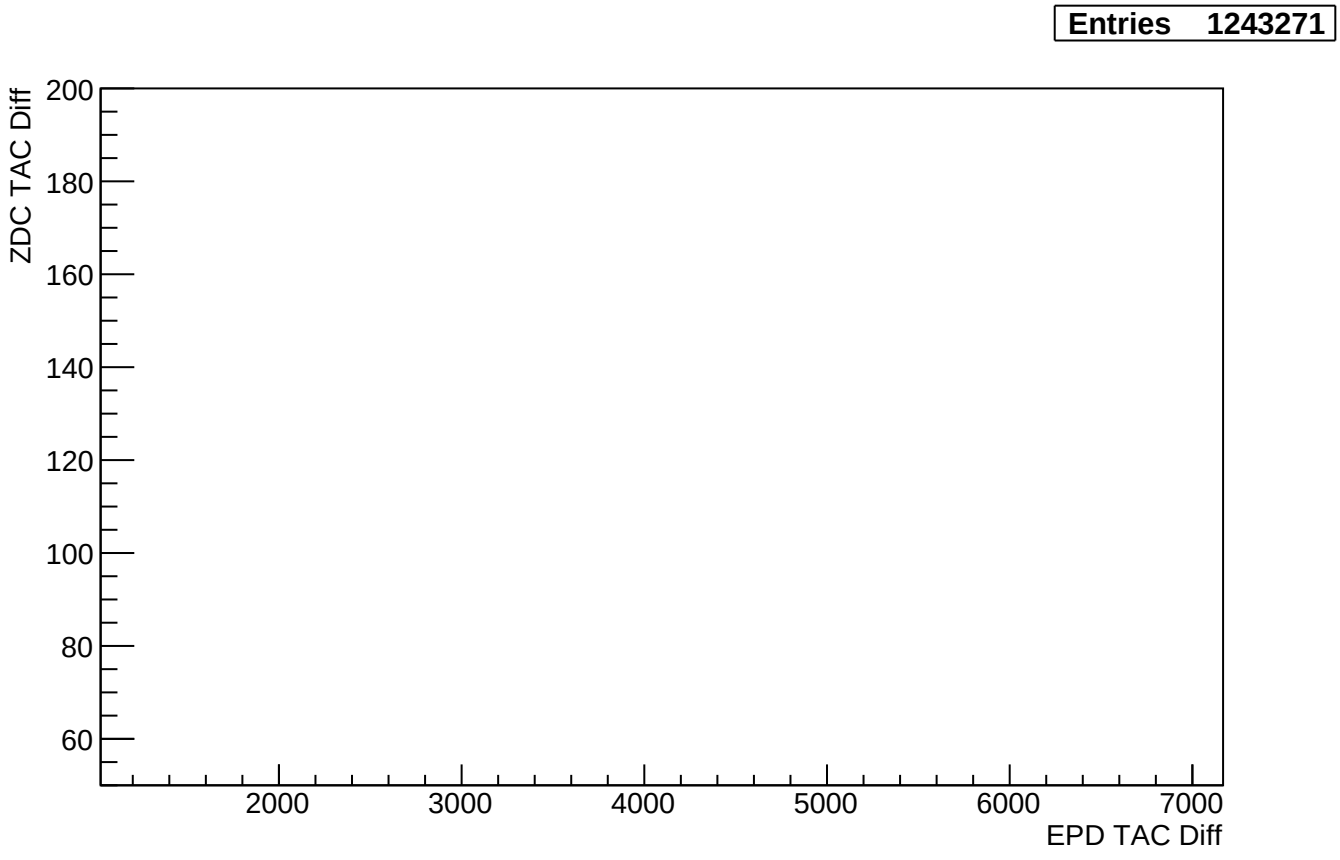

Entries 1243271
TOF-Mult
BBC-S-West ADC Sum

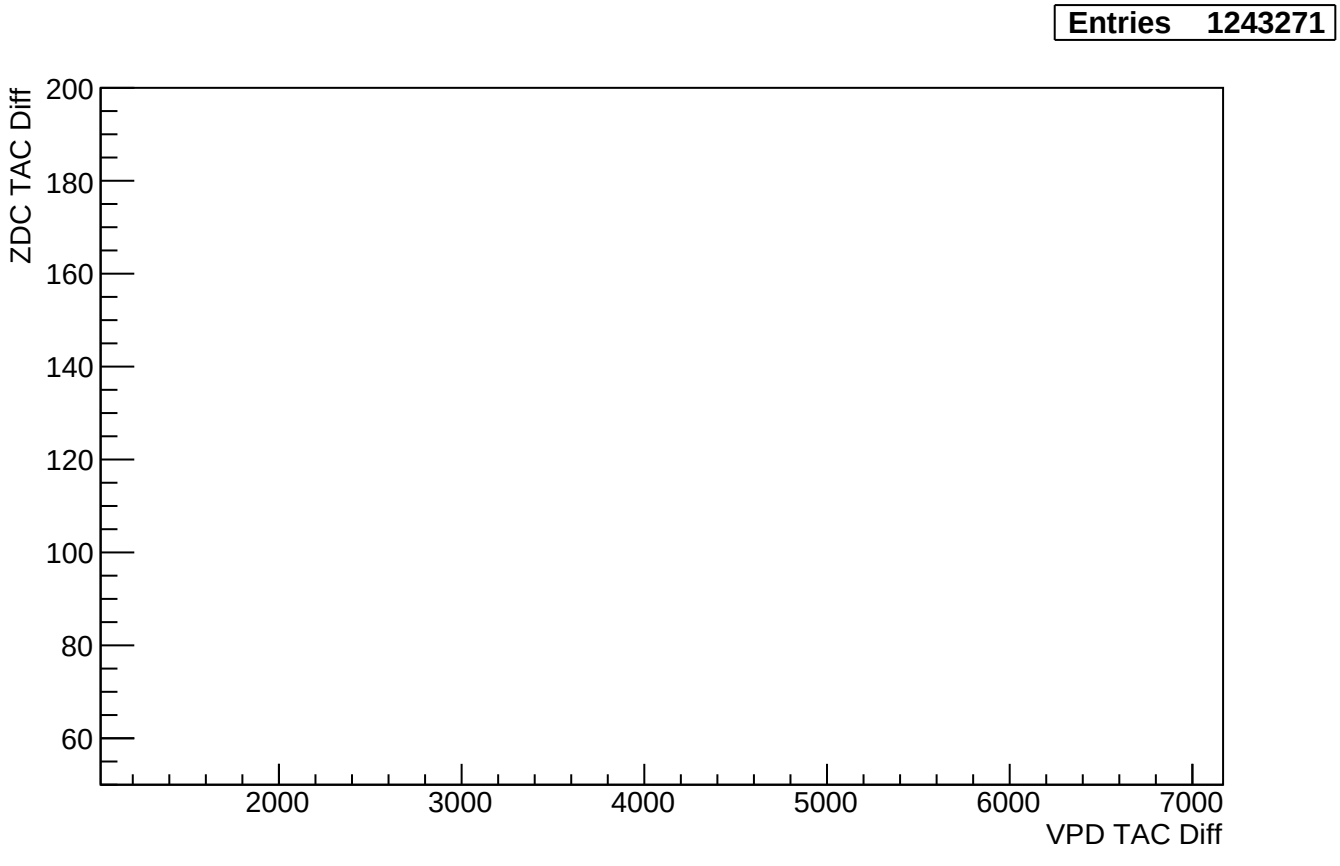

Entries 1243271
TOF-Mult
EPD-East Hit Cnt

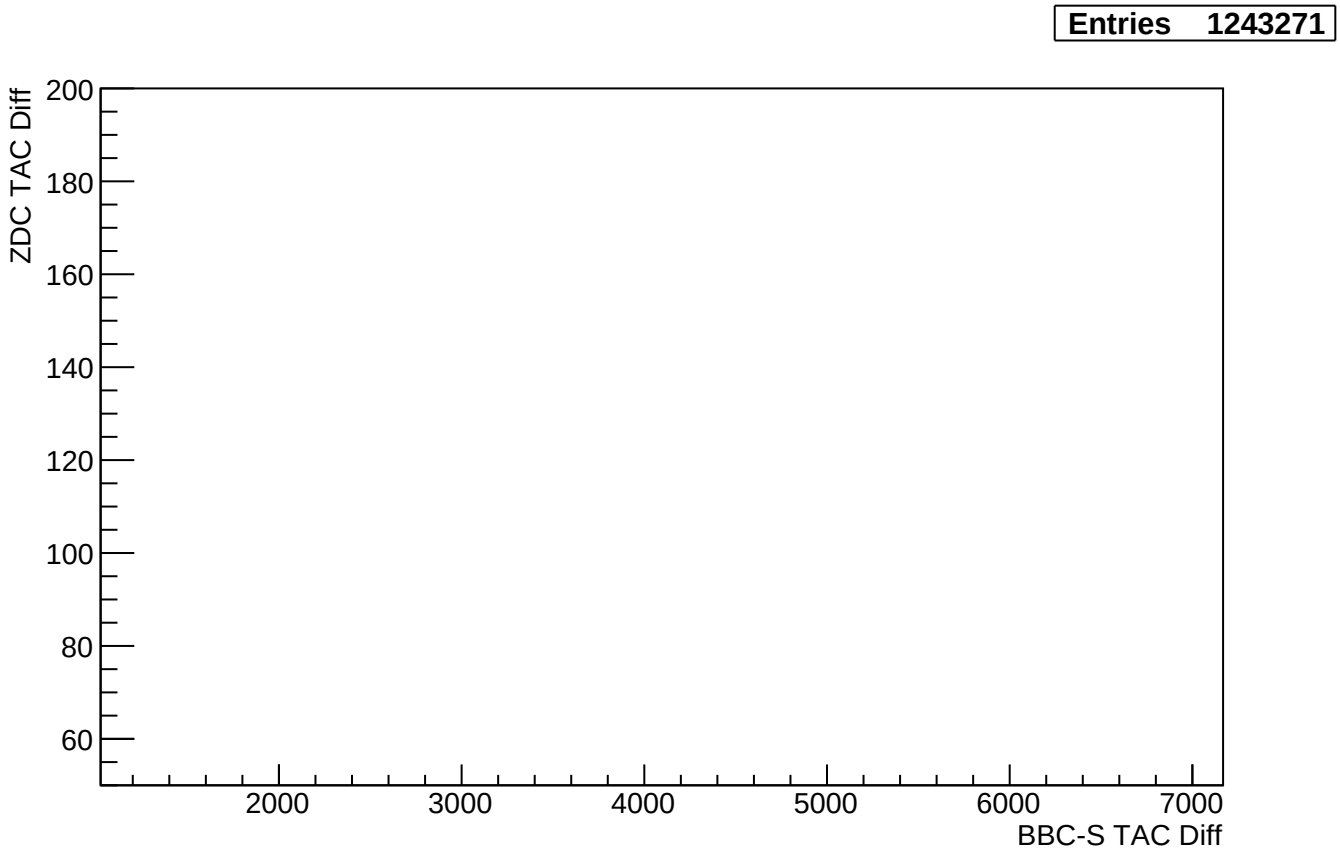

Entries 1243271
TOF-Mult
EPD-West Hit Cnt

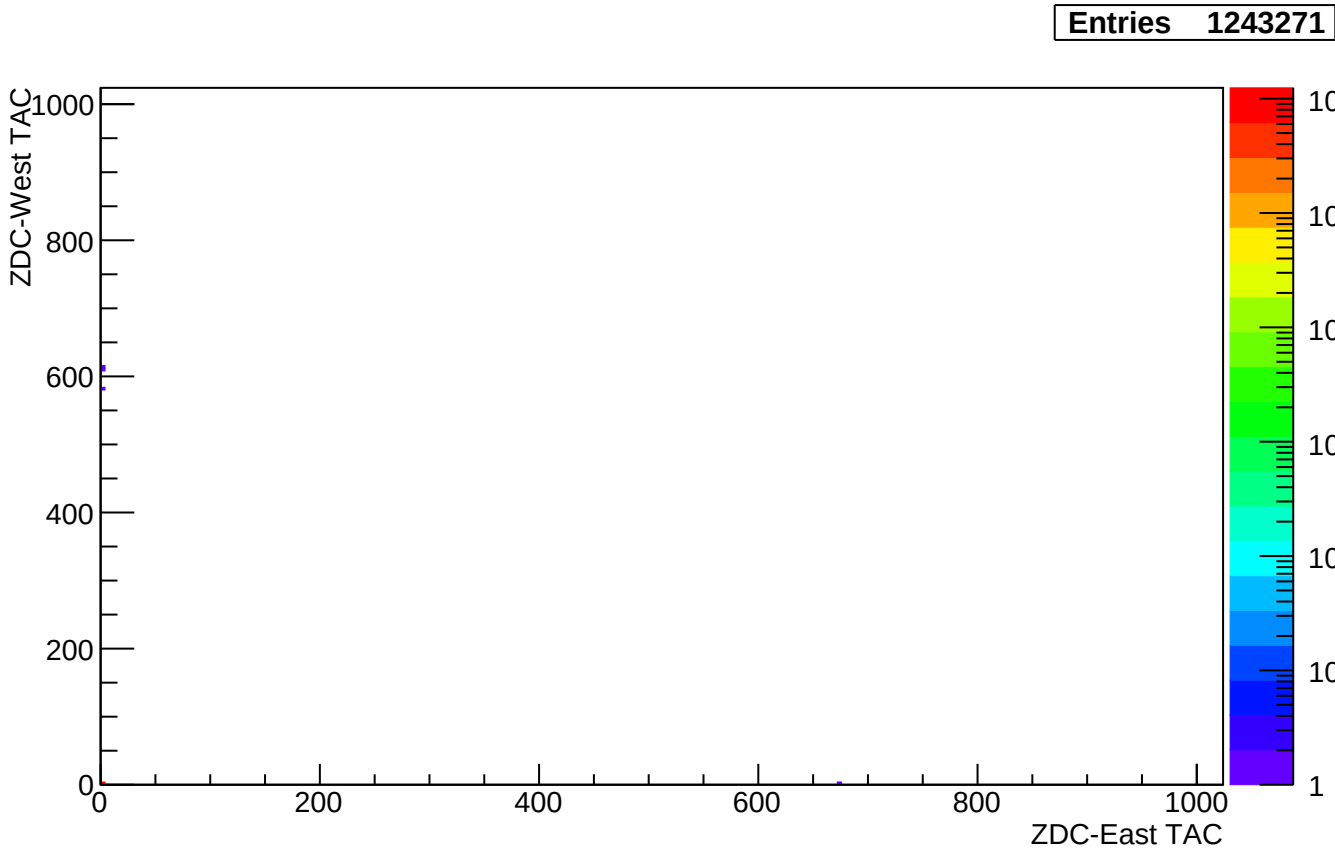

Entries 1243271
TOF-Mult
VPD-East ADC Sum

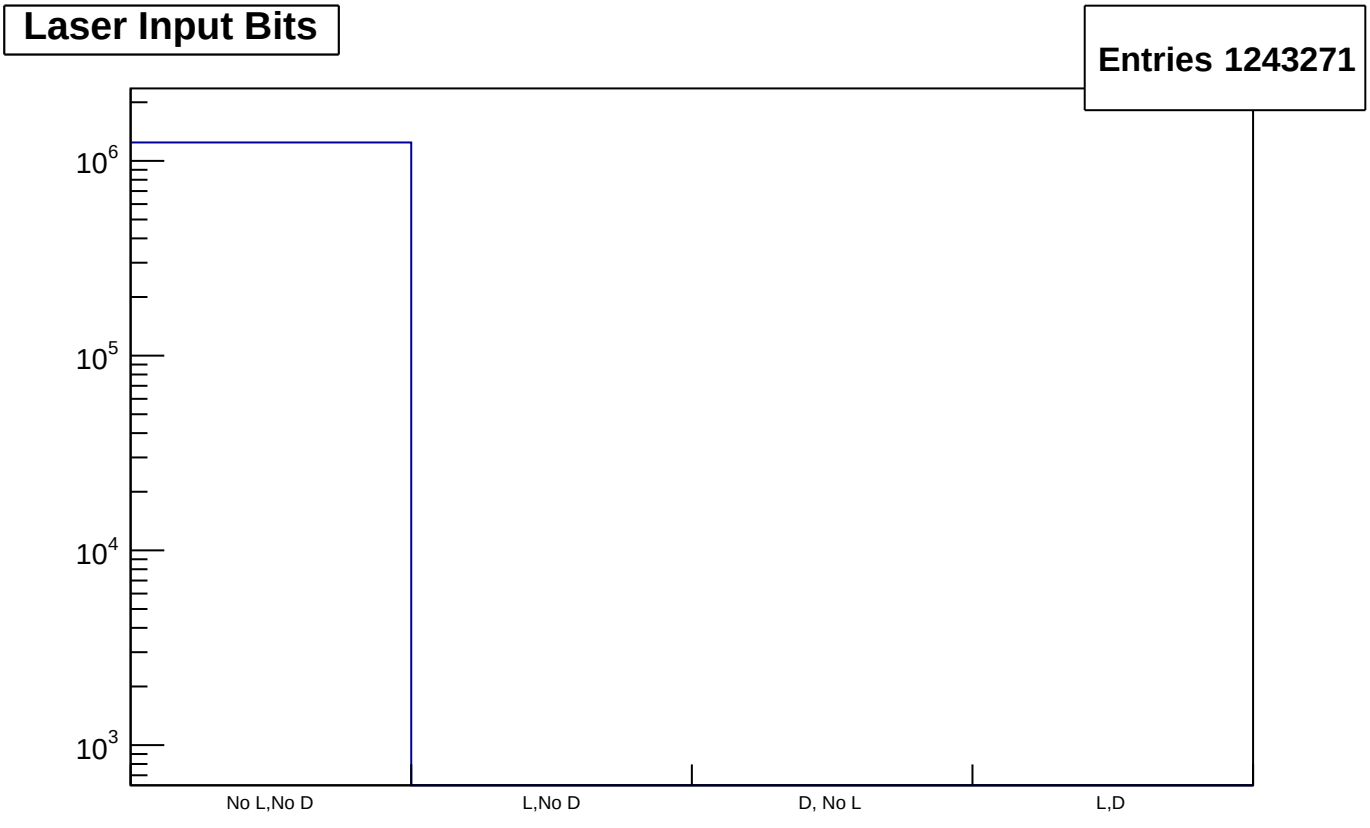

Entries 1243271
TOF-Mult
VPD-West ADC Sum

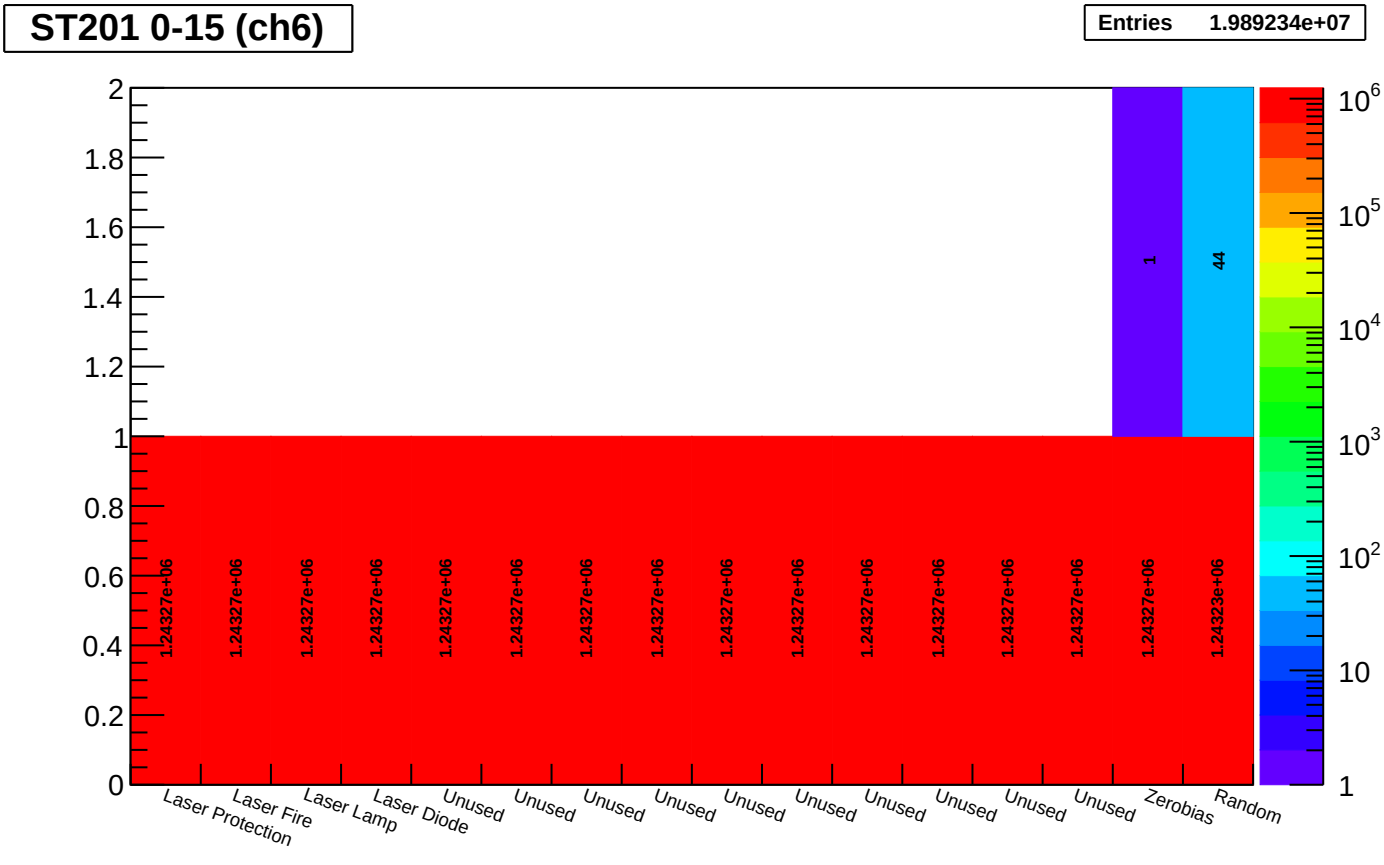

Entries 1243271
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff

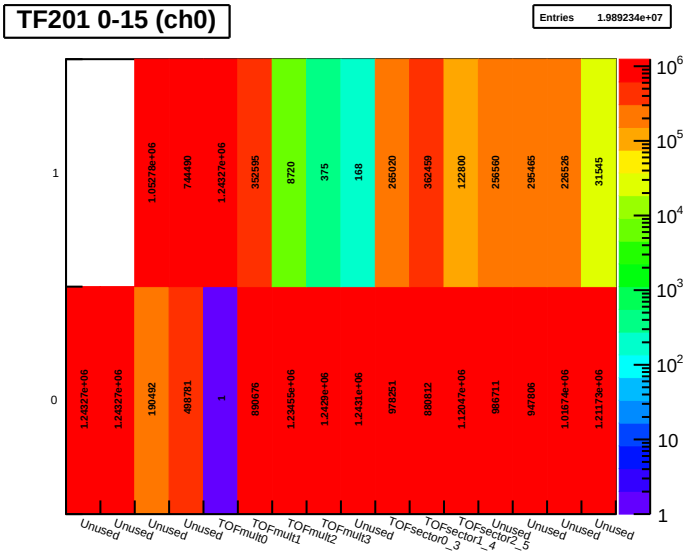

Entries 1243271
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff

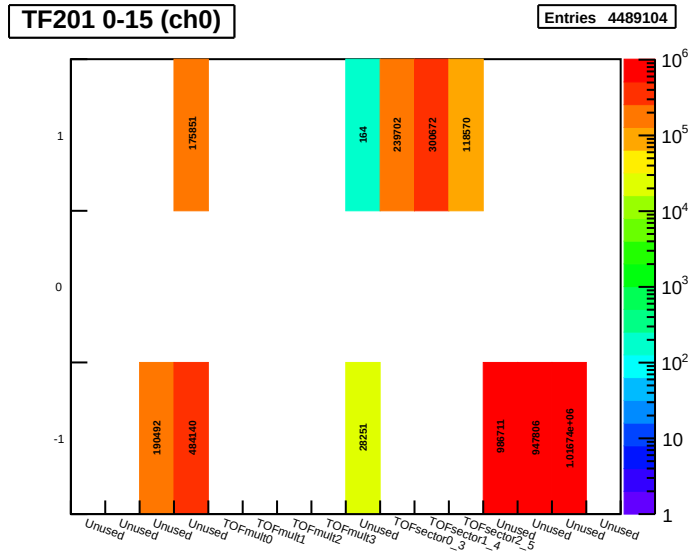

Entries 1243271
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff

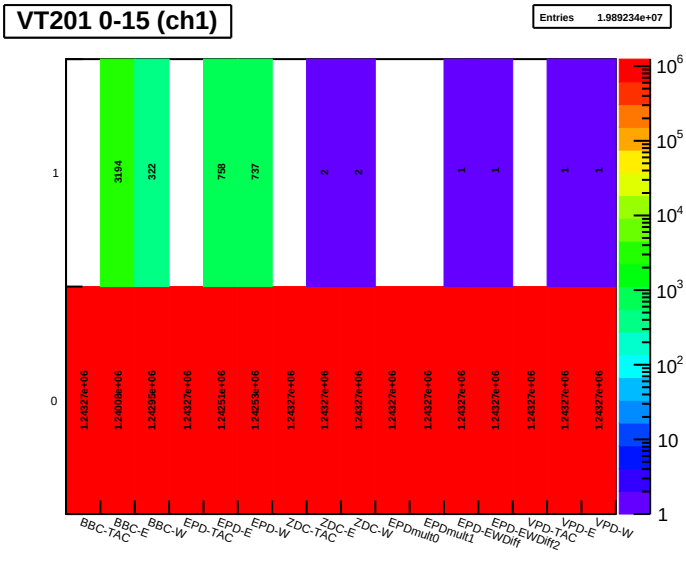

Entries 1243271
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^6
10^5
10^4
10^3
10^2
10
1

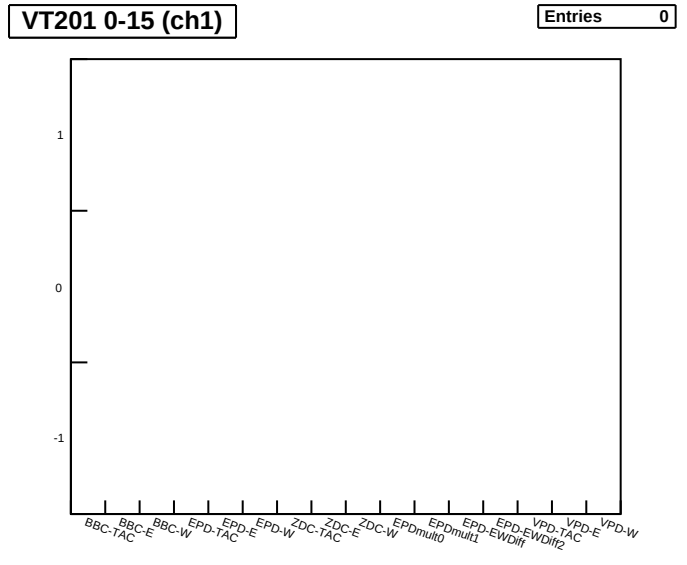

Laser Input Bits
Entries 1243271
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

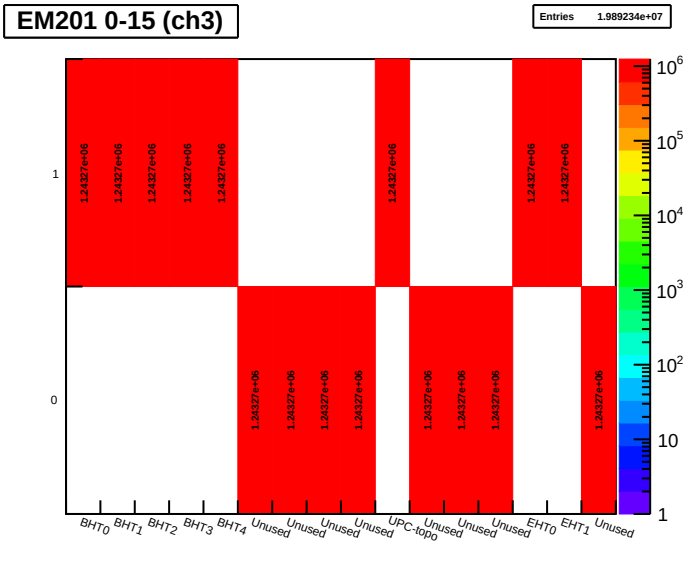

ST201 0-15 (ch6)
Entries 1.989234e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1.24327e+06
1.24323e+06
1
44
10^6
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

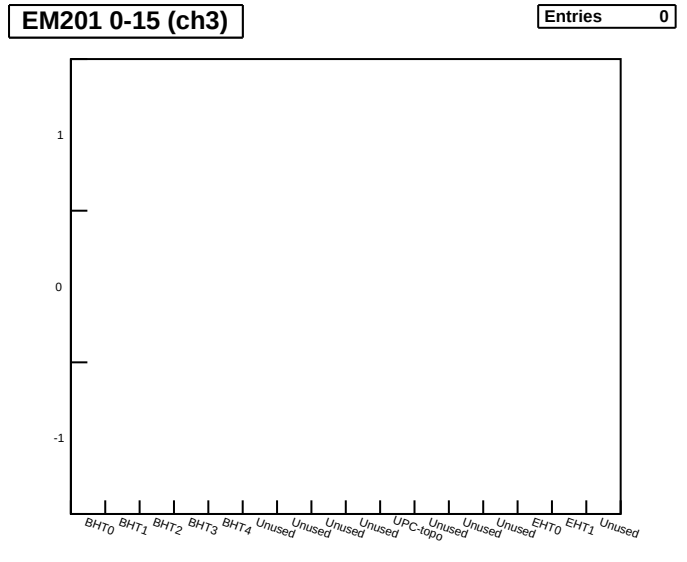

TF201 0-15 (ch0)
Entries 1.989234e+07
1.05278e+06
744480
1.24327e+06
352595
8720
375
168
265020
362459
122800
256560
295465
226526
31545
1.24327e+06
1.24327e+06
190492
498781
1
890676
1.23455e+06
1.2429e+06
1.24331e+06
978251
880812
1.12047e+06
986711
947806
1.01674e+06
1.21173e+06
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


TF201 0-15 (ch0)
Entries 4489104
175851
164
239702
300672
118570
190492
498140
28251
986711
947806
1.01674e+06
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 1.989234e+07
3194
322
759
737
2
2
1
1
1
1
1.24327e+06
1.24098e+06
1.24295e+06
1.24251e+06
1.24253e+06
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


VT201 0-15 (ch1)
Entries 0
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 1.989234e+07
1.24327e+06
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1


EM201 0-15 (ch3)
Entries 0
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1