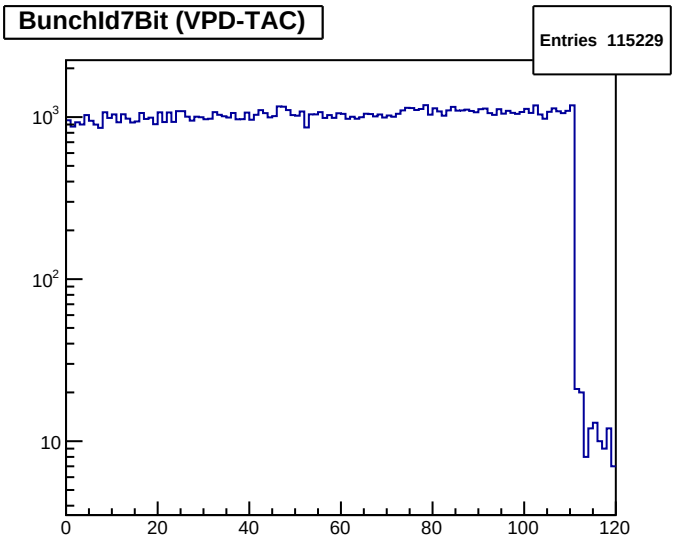
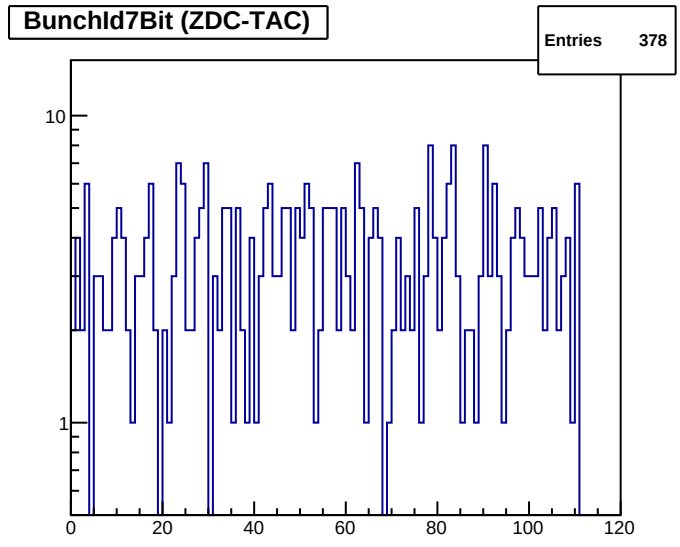
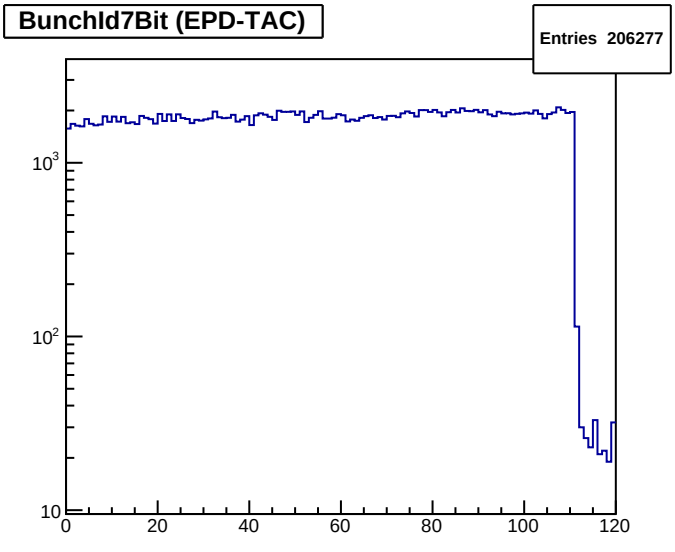
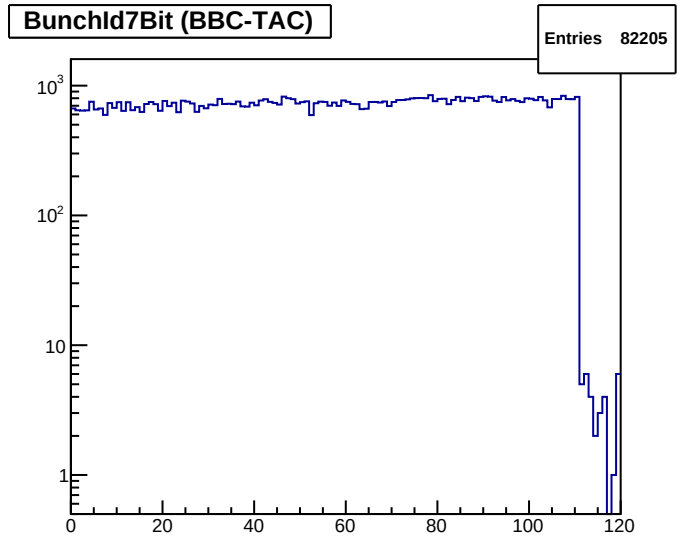
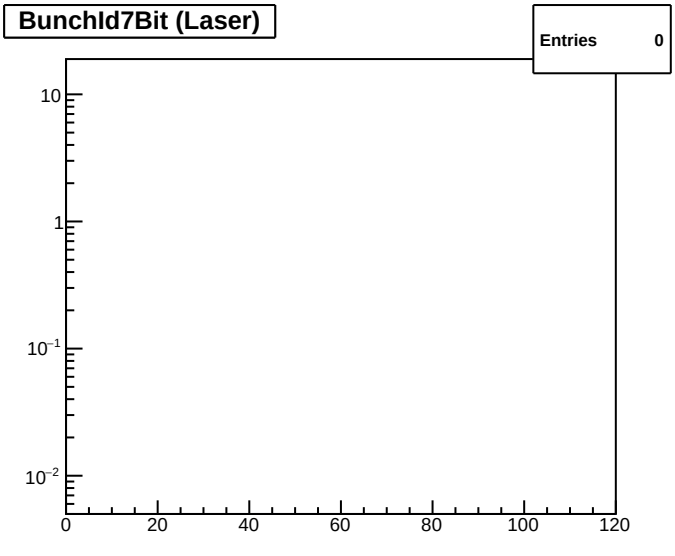
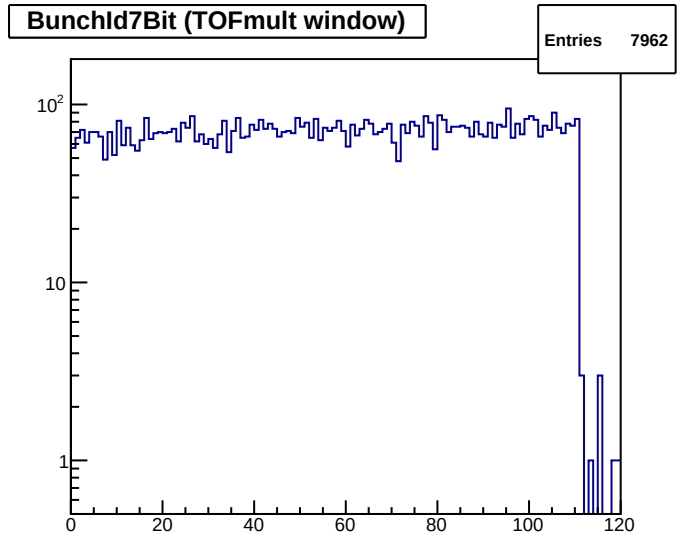

BunchId7Bit (VPD-TAC)
Entries 115229

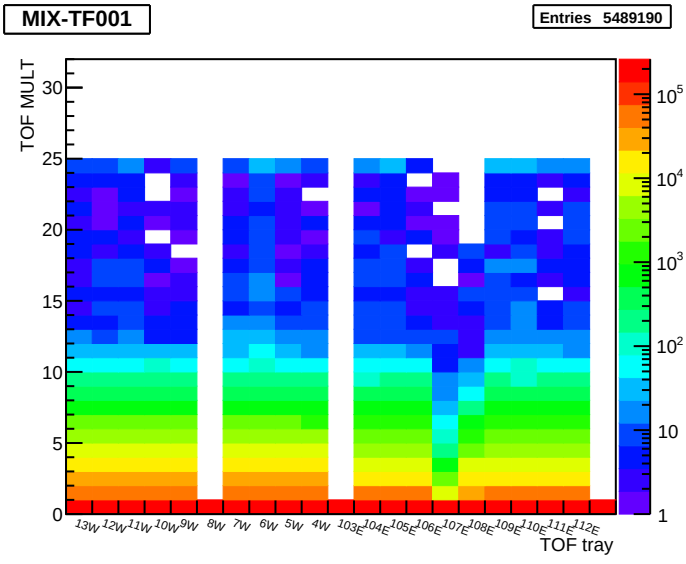

BunchId7Bit (ZDC-TAC)
Entries 378

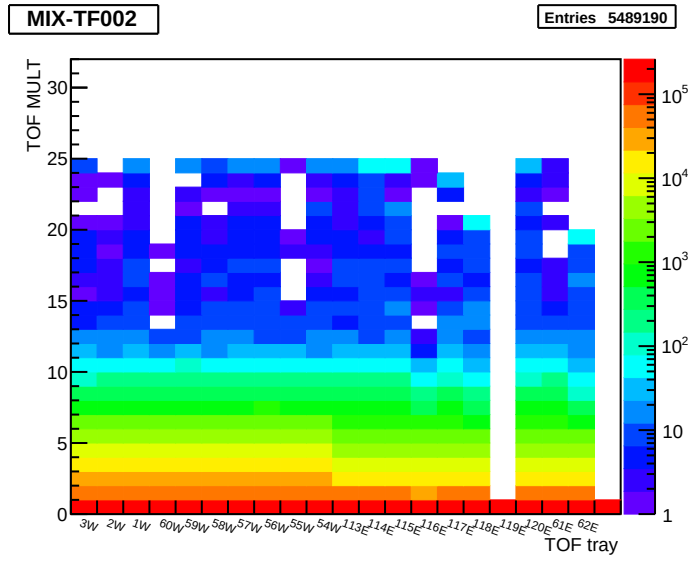

BunchId7Bit (EPD-TAC)
Entries 206277

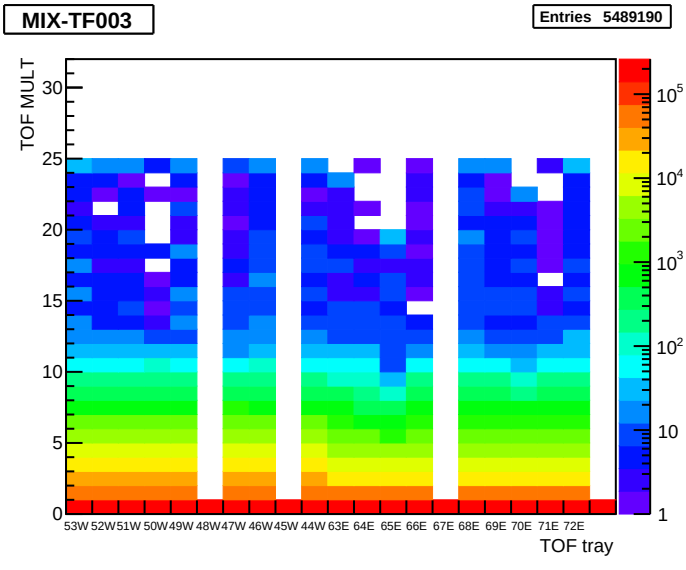

BunchId7Bit (BBC-TAC)
Entries 82205

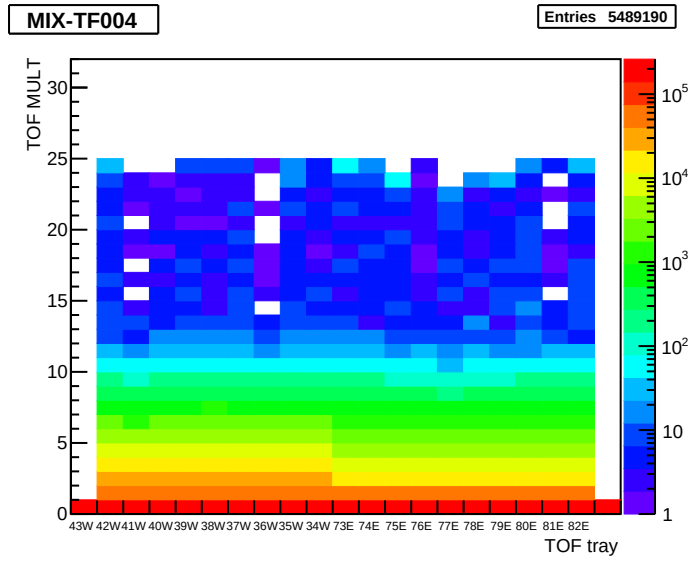

BunchId7Bit (Laser)
Entries 0

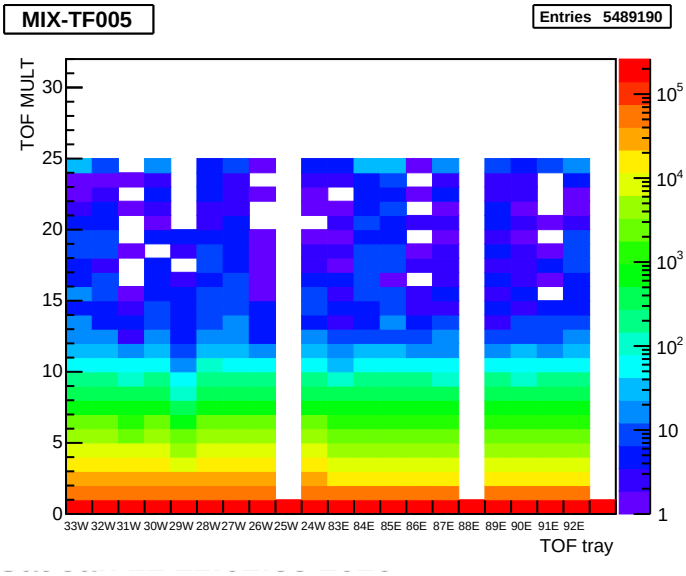

BunchId7Bit (TOFmult window)
Entries 7962

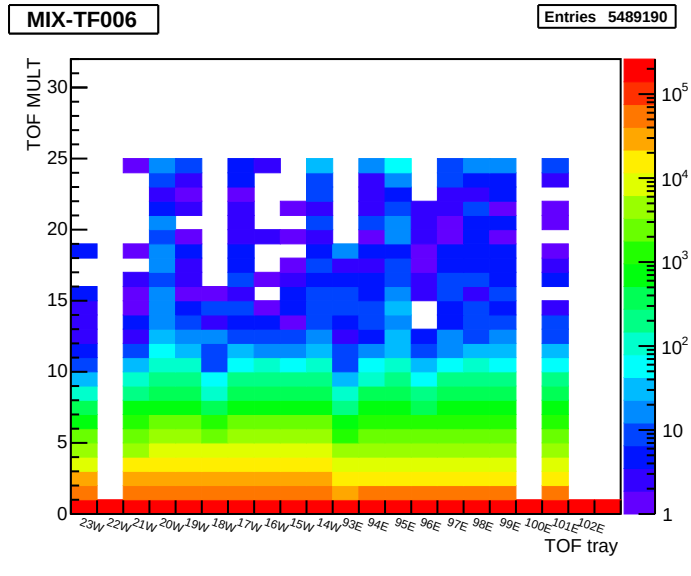

MIX-TF001
Entries 5489190
TOF MULT
TOF tray

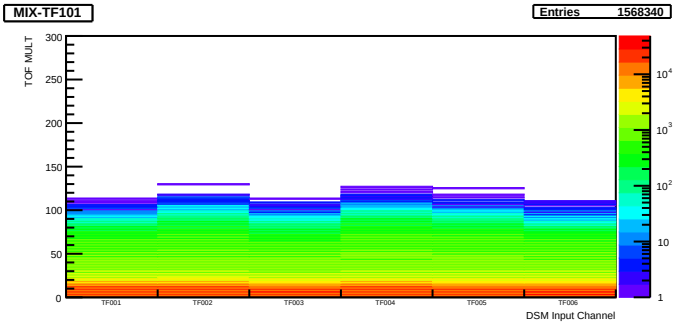

MIX-TF002
Entries 5489190
TOF MULT
TOF tray

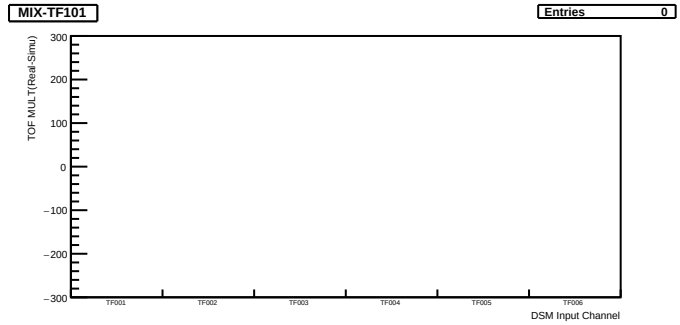

MIX-TF003
Entries 5489190
TOF MULT
TOF tray

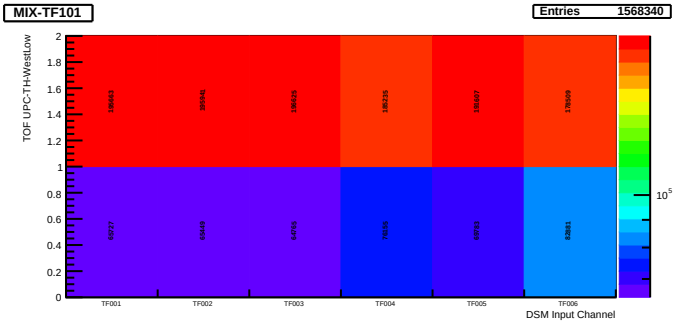

MIX-TF004
Entries 5489190
TOF MULT
TOF tray

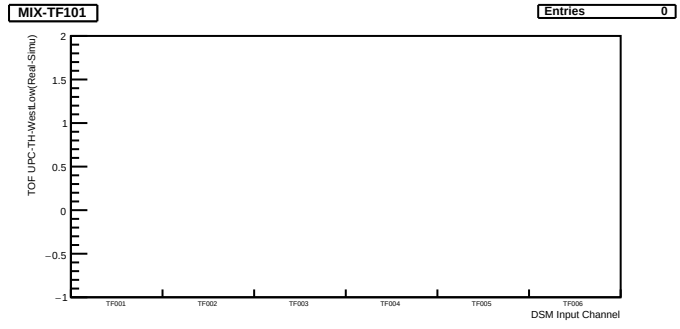

MIX-TF005
Entries 5489190
TOF MULT
TOF tray

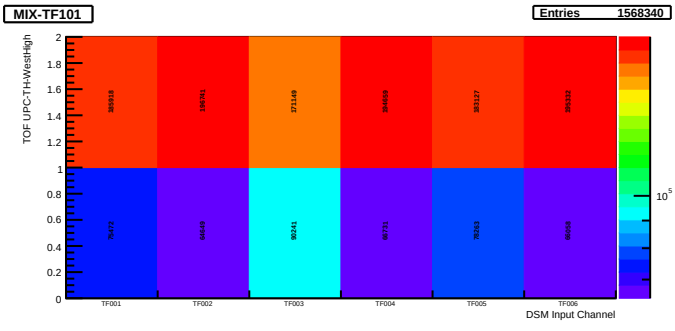

MIX-TF006
Entries 5489190
TOF MULT
TOF tray

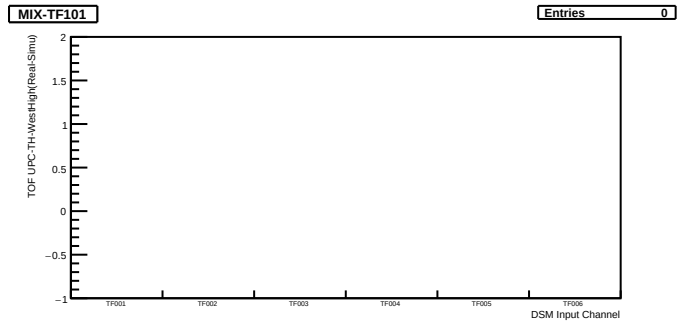

MIX-TF101
Entries 1568340
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

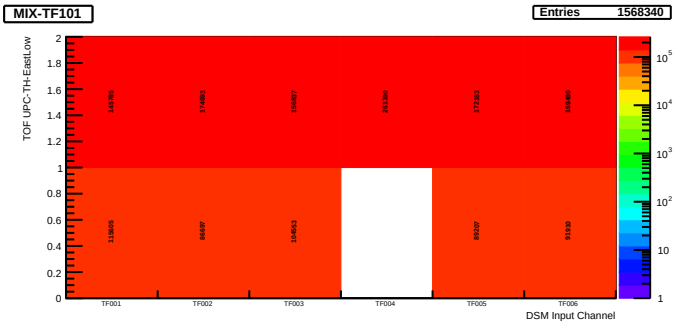

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

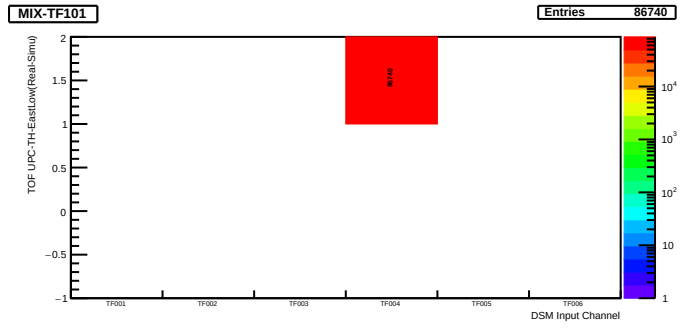

MIX-TF101
Entries 1568340
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

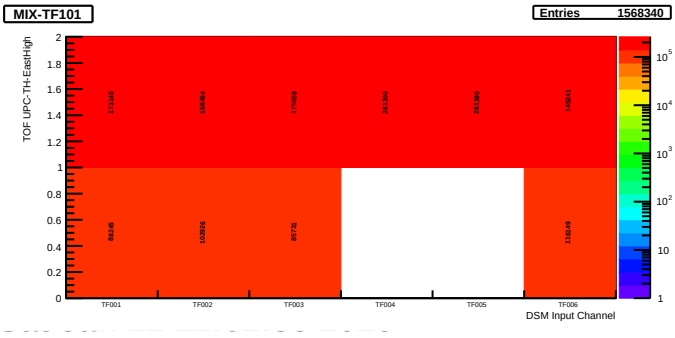

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

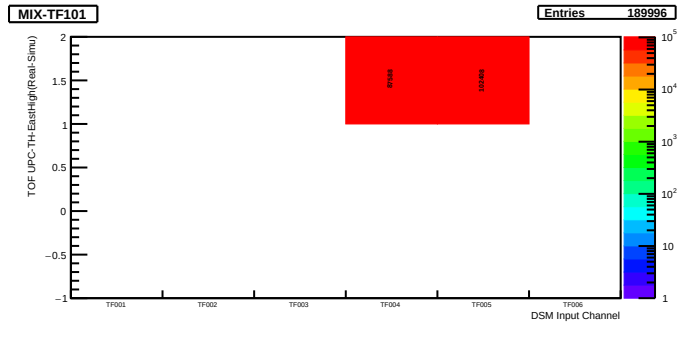

MIX-TF101
Entries 1568340
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

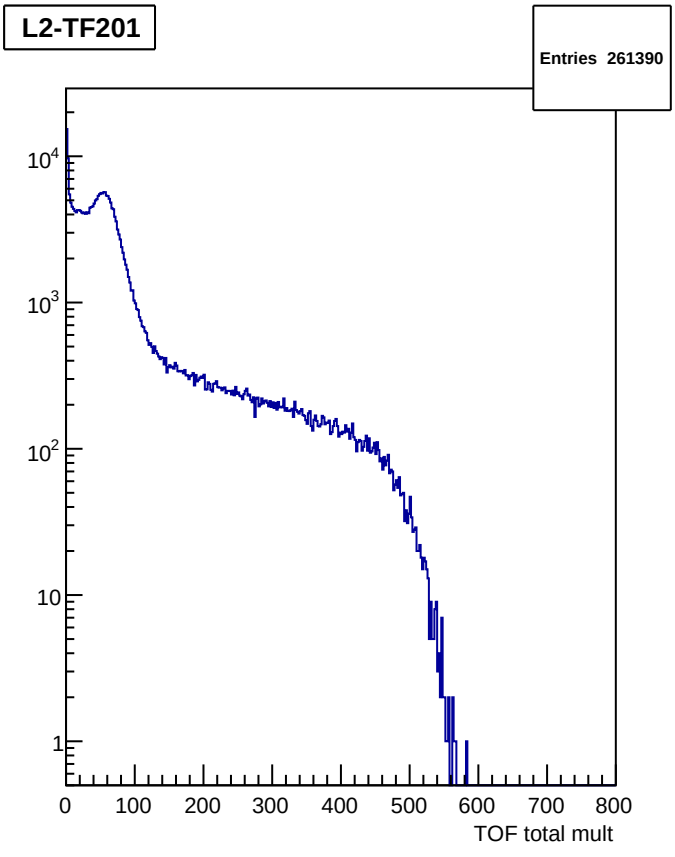

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

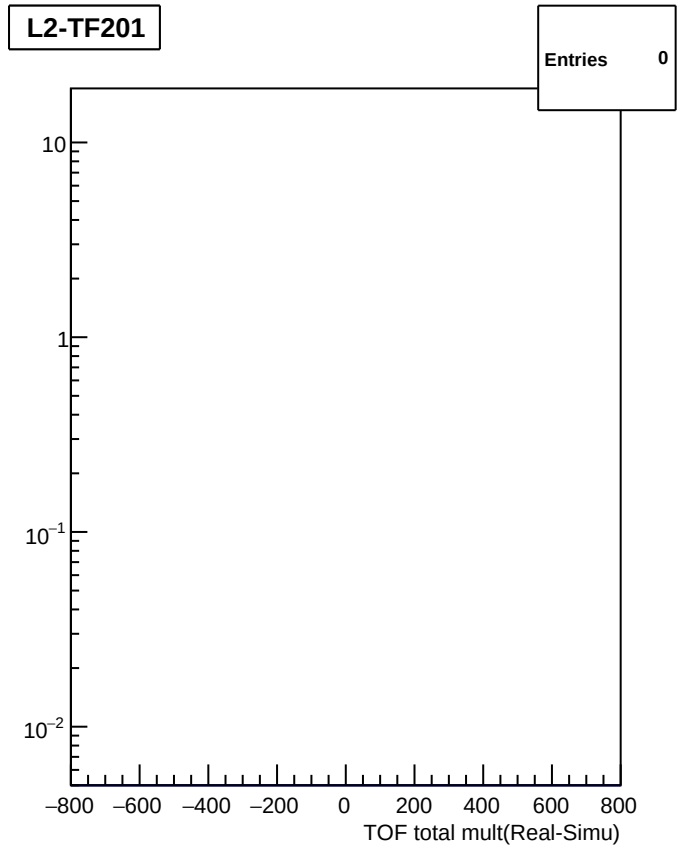

MIX-TF101
Entries 1568340
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

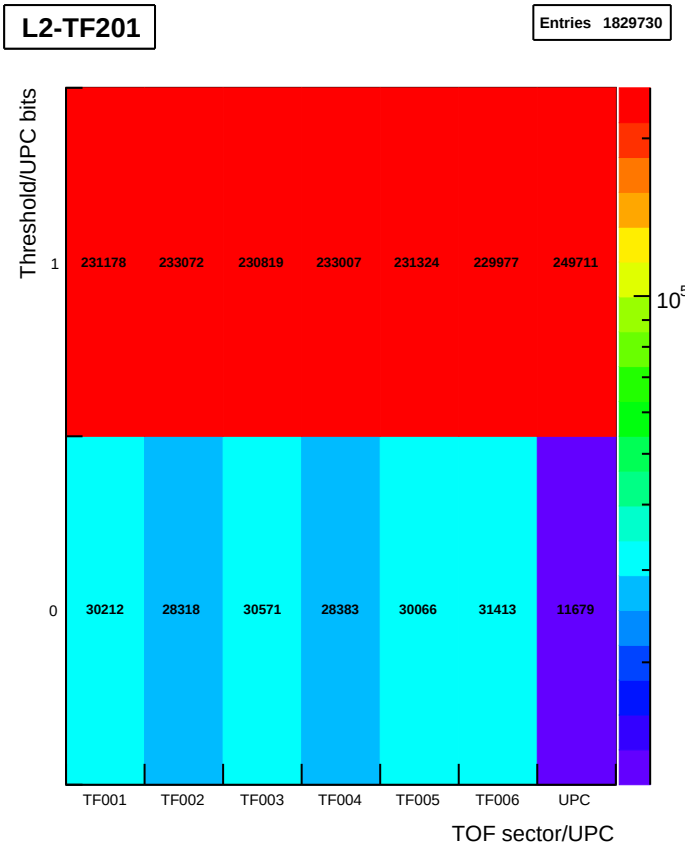

MIX-TF101
Entries 86740
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

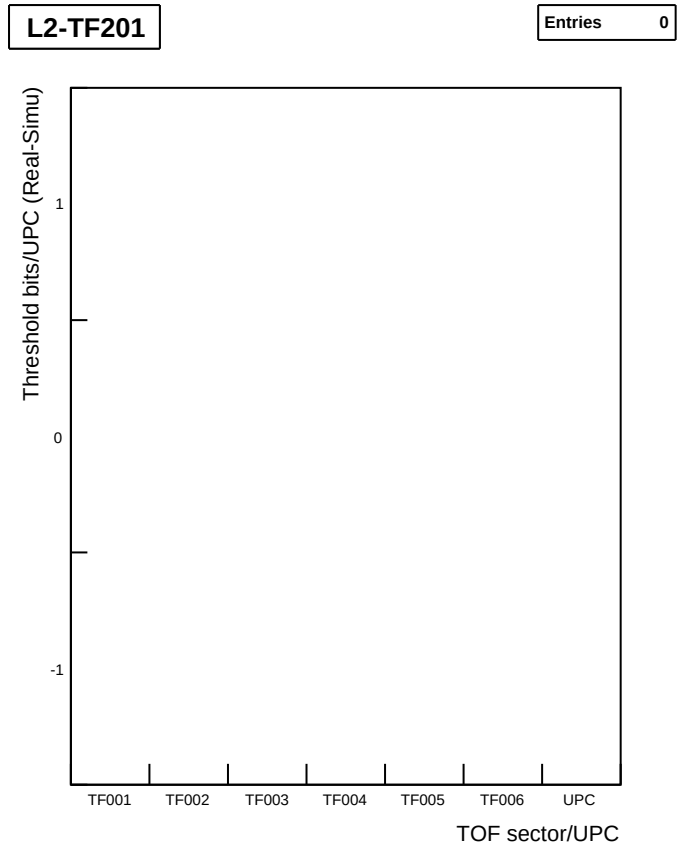

MIX-TF101
Entries 1568340
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

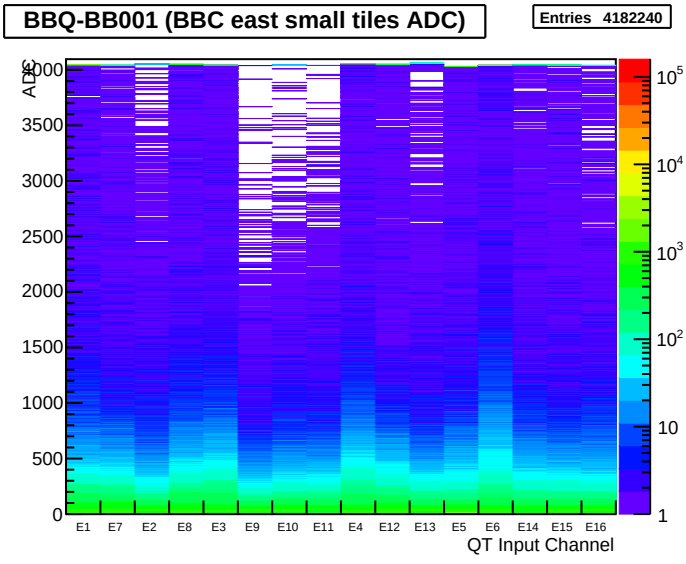

MIX-TF101
Entries 189996
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

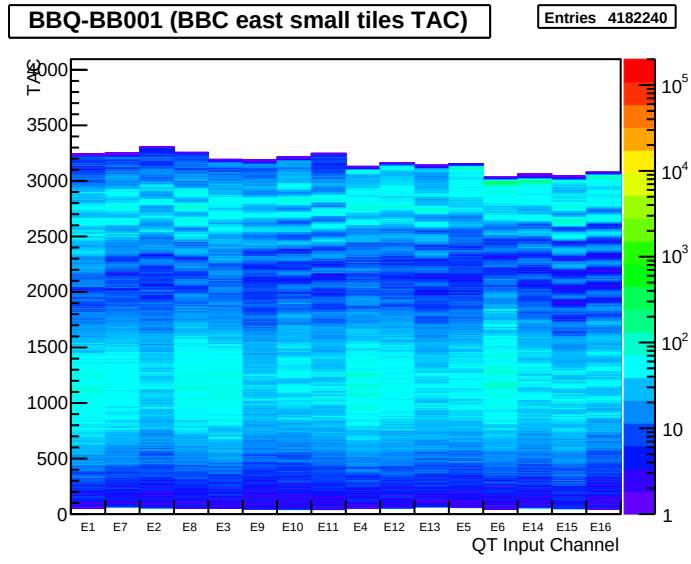

L2-TF201
Entries 261390
TOF total mult

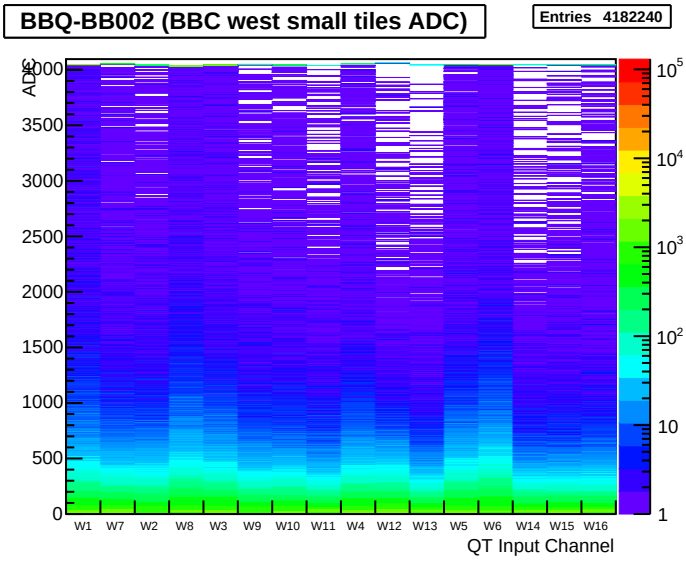

L2-TF201
Entries 0
TOF total mult(Real-Simu)

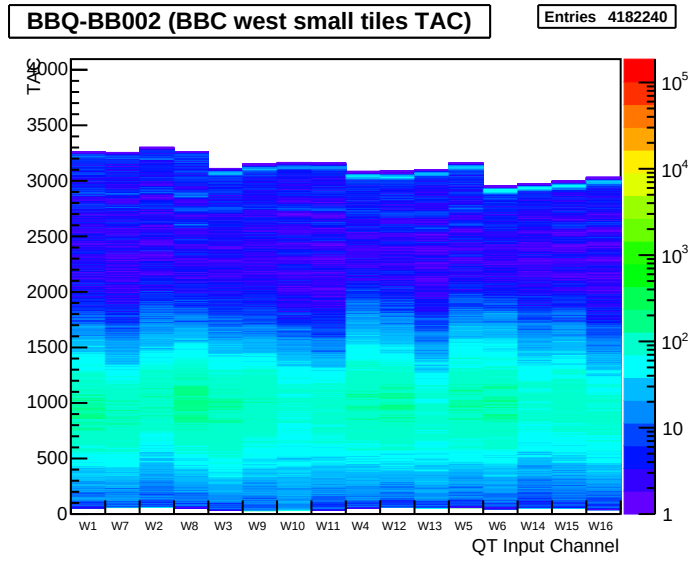

L2-TF201
Entries 1829730
Threshold/UPC bits
231178
233072
230819
233007
231324
229977
249711
30212
28318
30571
28383
30066
31413
11679
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

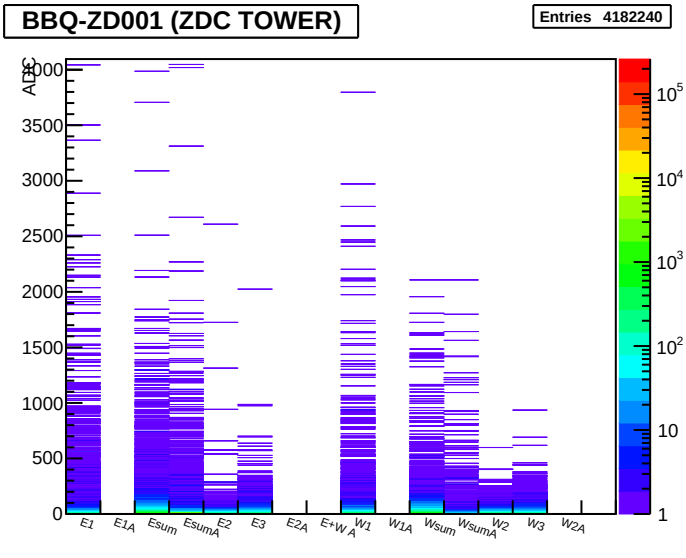

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

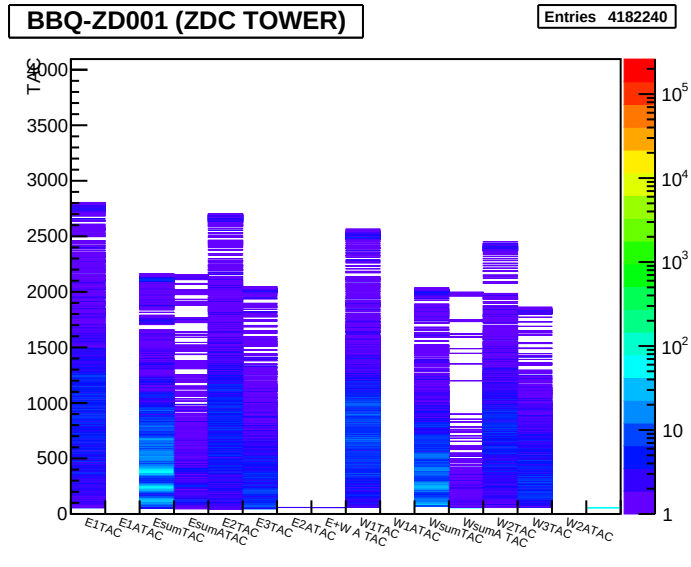

BBQ-BB001 (BBC east small tiles ADC)
Entries 4182240
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

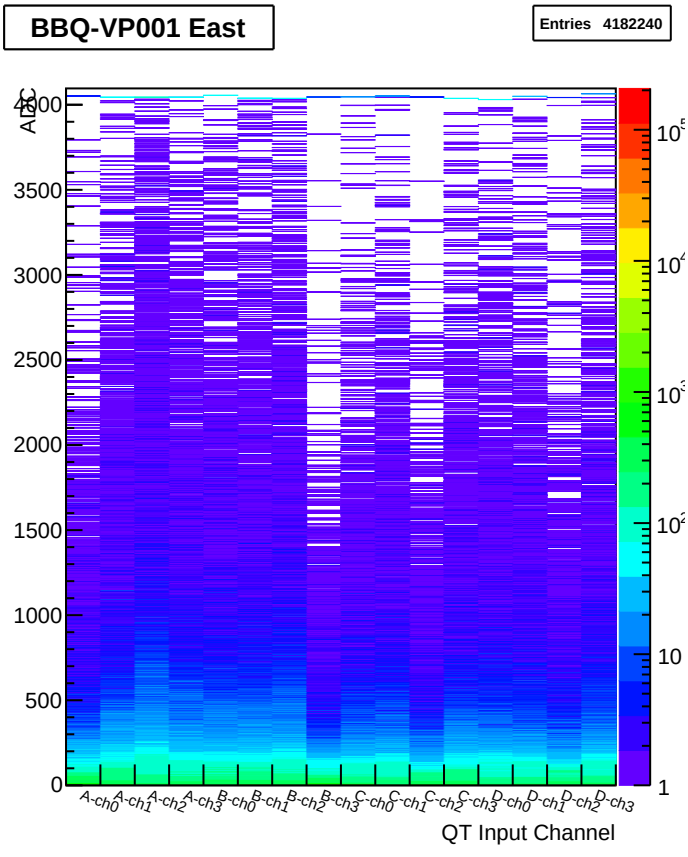

BBQ-BB001 (BBC east small tiles TAC)
Entries 4182240
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

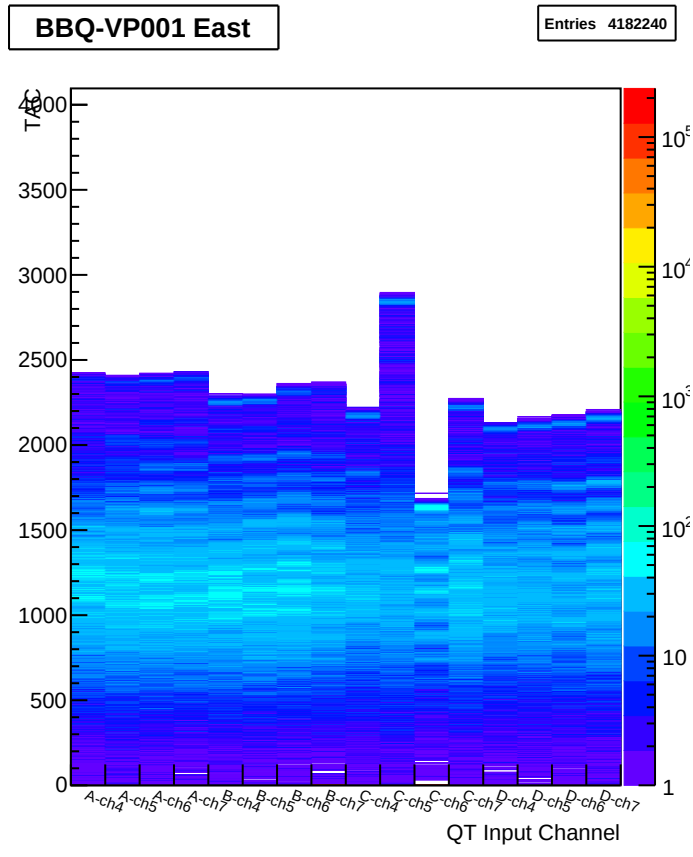

BBQ-BB002 (BBC west small tiles ADC)
Entries 4182240
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

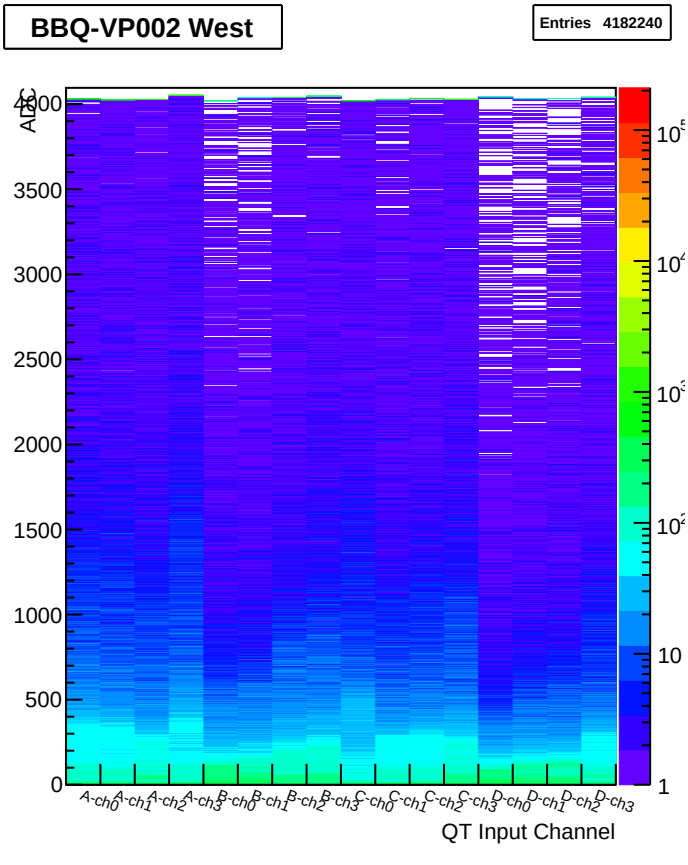

BBQ-BB002 (BBC west small tiles TAC)
Entries 4182240
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

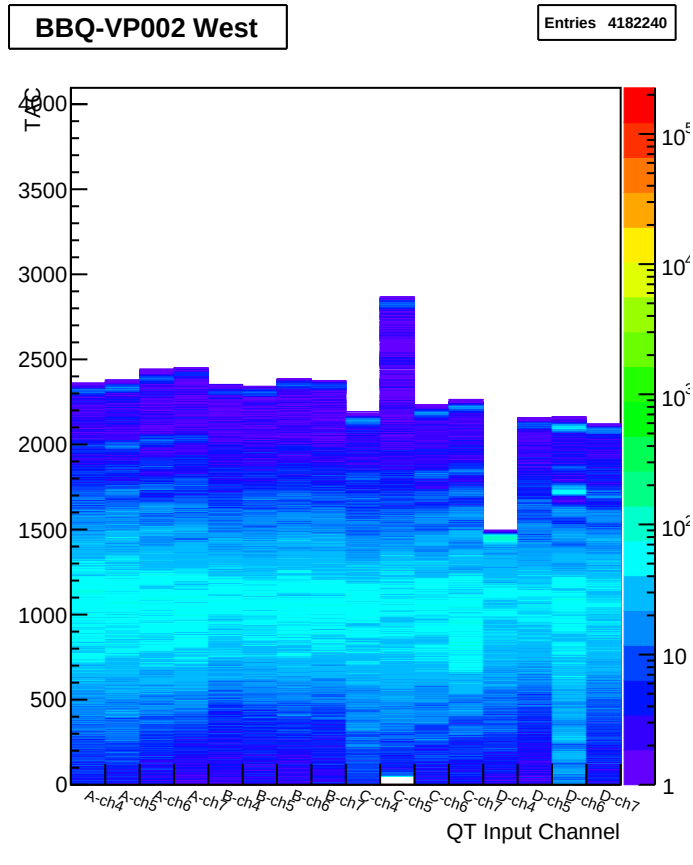

BBQ-ZD001 (ZDC TOWER)
Entries 4182240
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

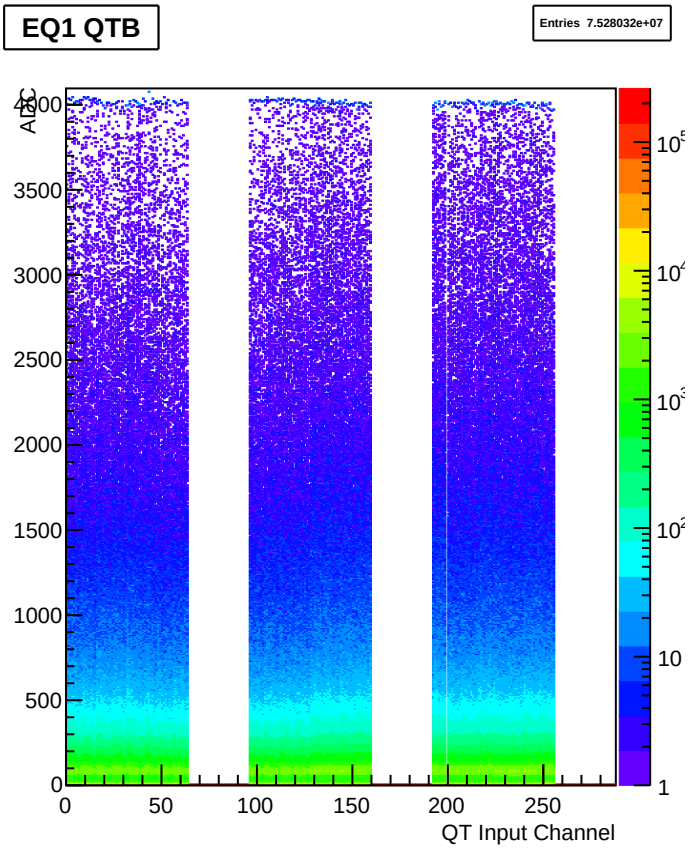

BBQ-ZD001 (ZDC TOWER)
Entries 4182240
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

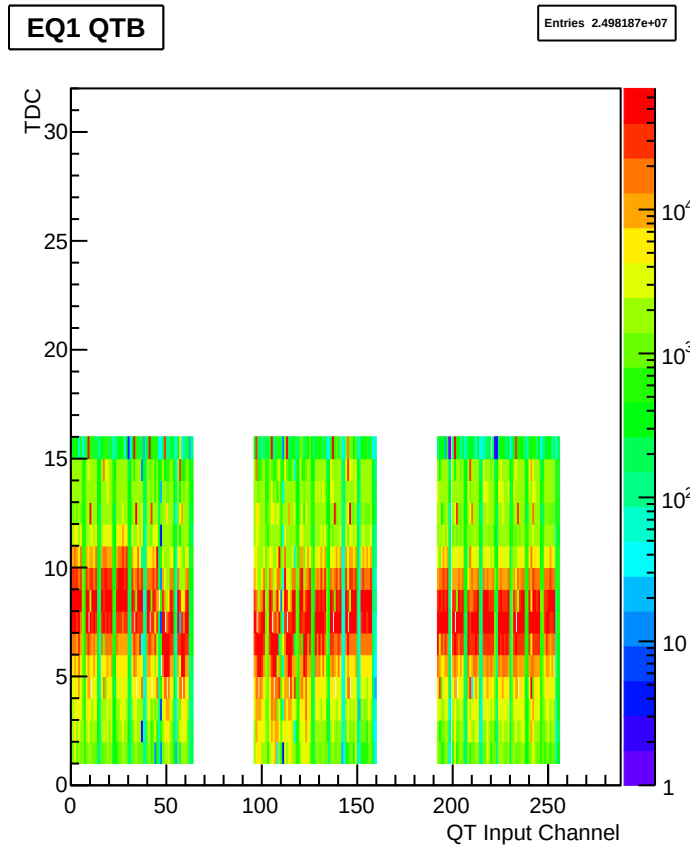

BBQ-VP001 East
Entries 4182240
ADC
QT Input Channel

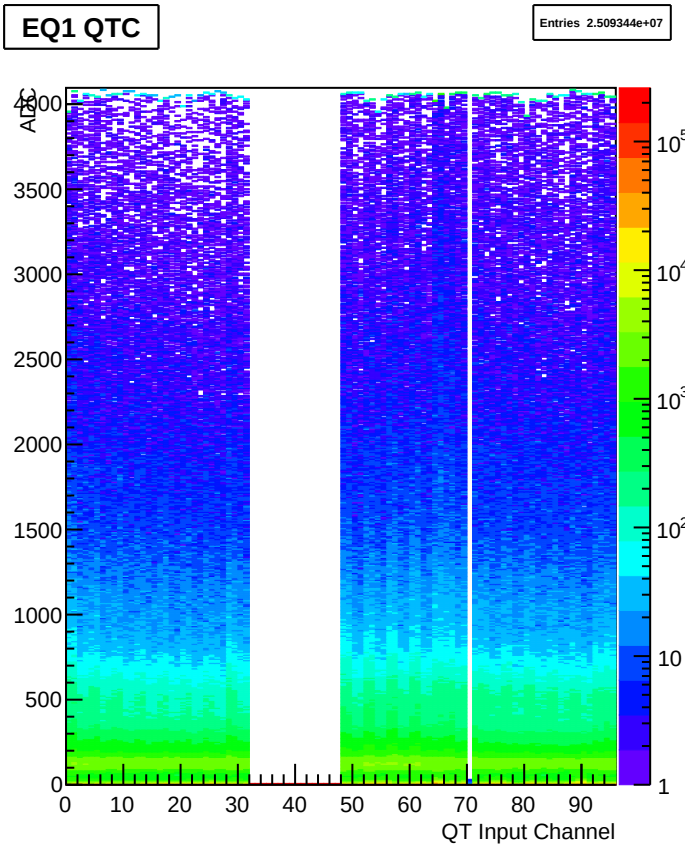

BBQ-VP001 East
Entries 4182240
ADC
QT Input Channel

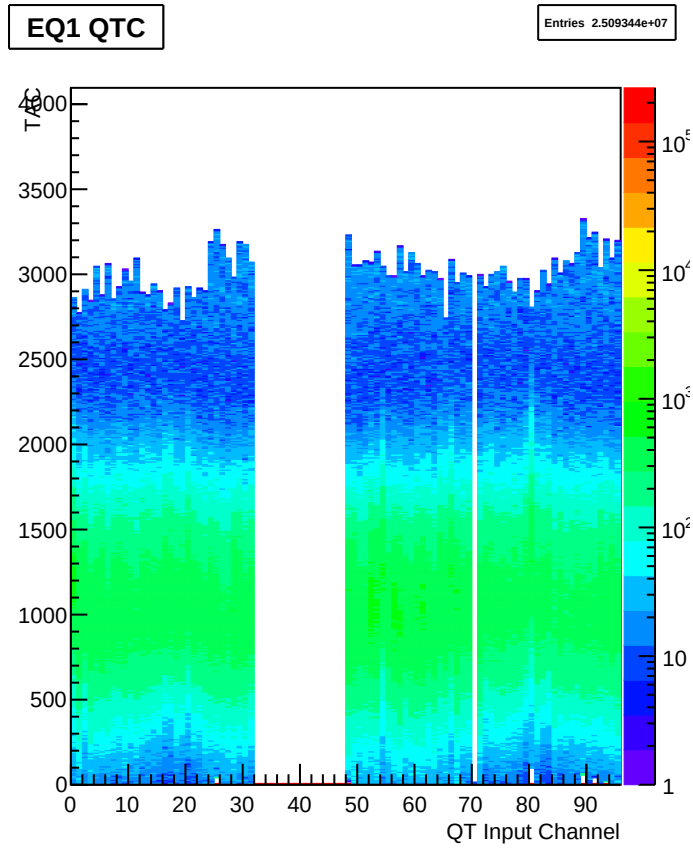

BBQ-VP002 West
Entries 4182240
ADC
QT Input Channel

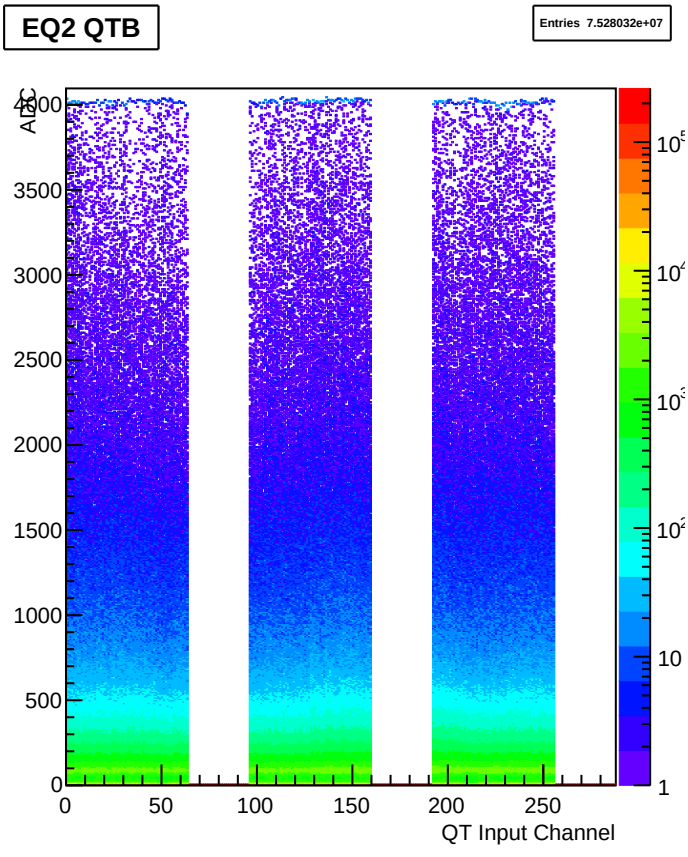

BBQ-VP002 West
Entries 4182240
ADC
QT Input Channel

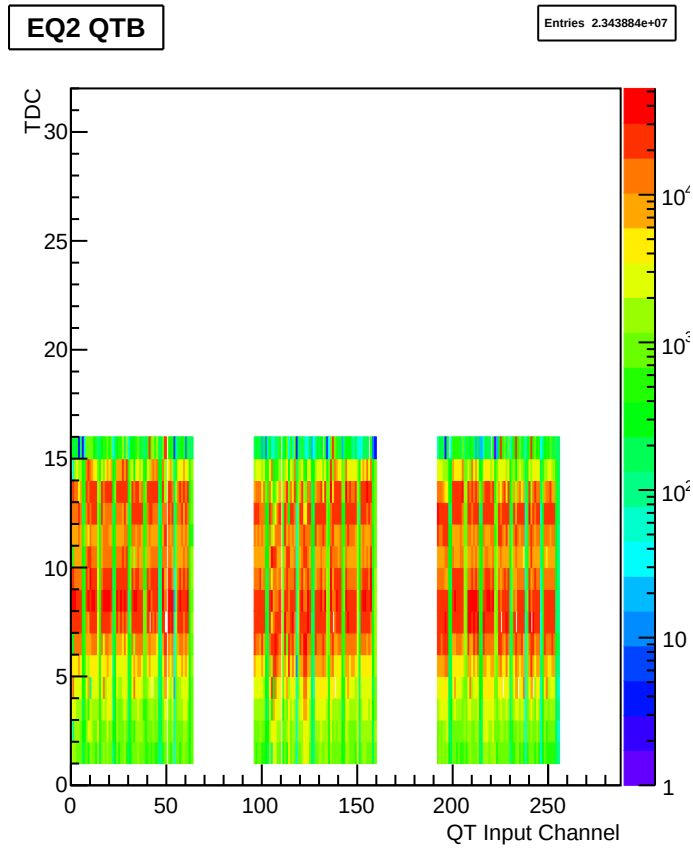

EQ1 QTB
Entries 7.528032e+07
ADC
QT Input Channel

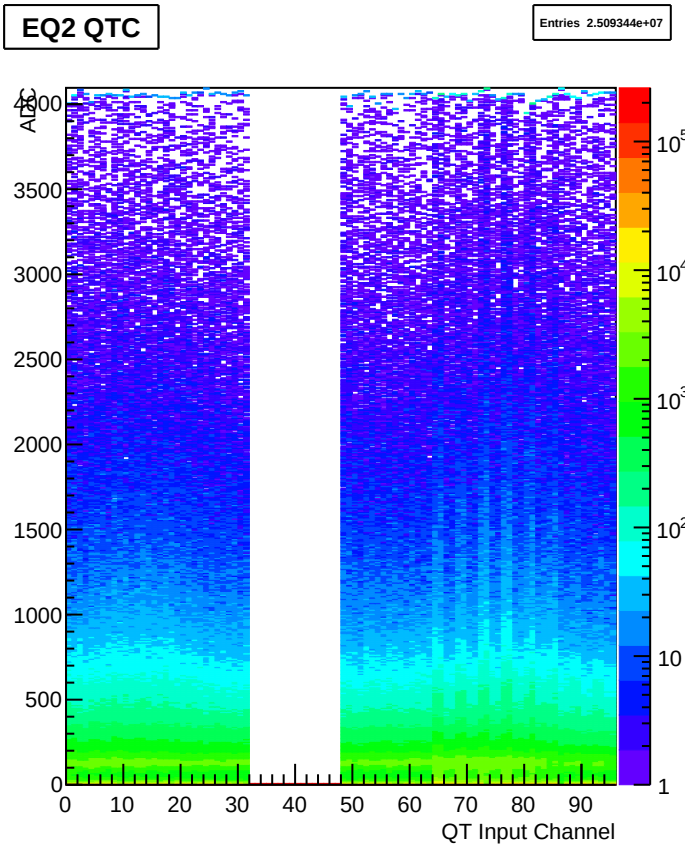

EQ1 QTB
Entries 2.498187e+07
TDC
QT Input Channel

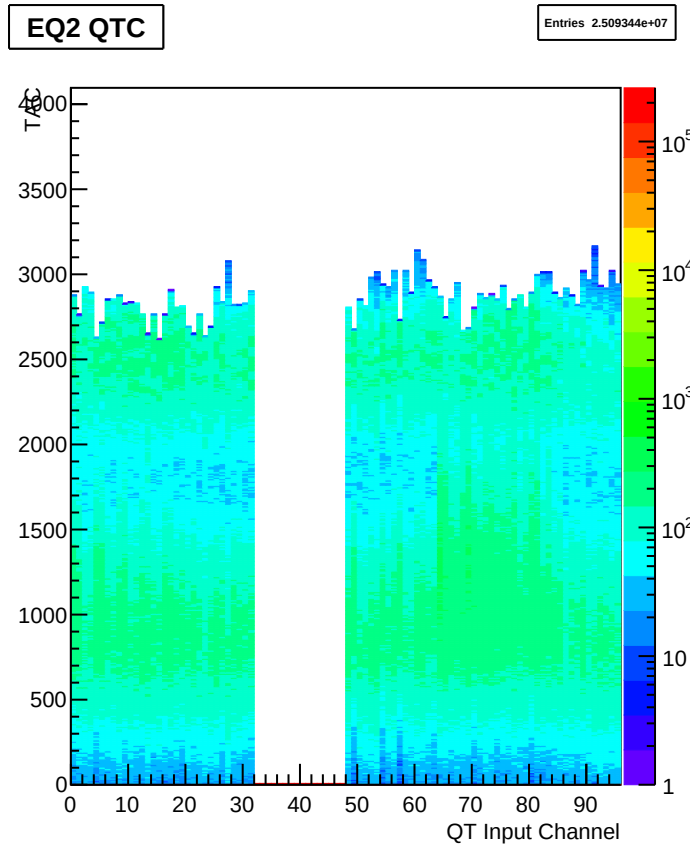

EQ1 QTC
Entries 2.509344e+07
ADC
QT Input Channel

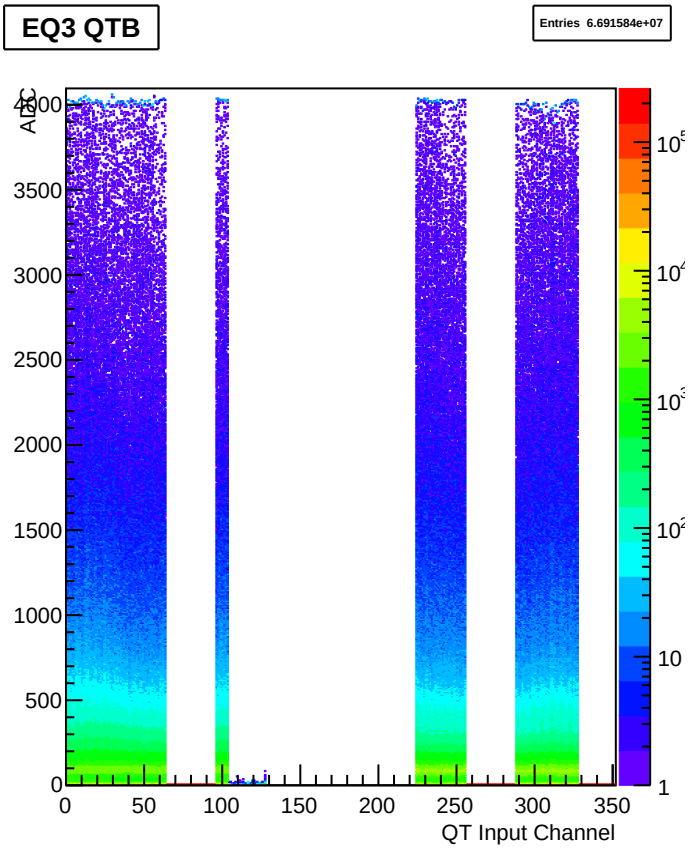

EQ1 QTC
Entries 2.509344e+07
TADC
QT Input Channel

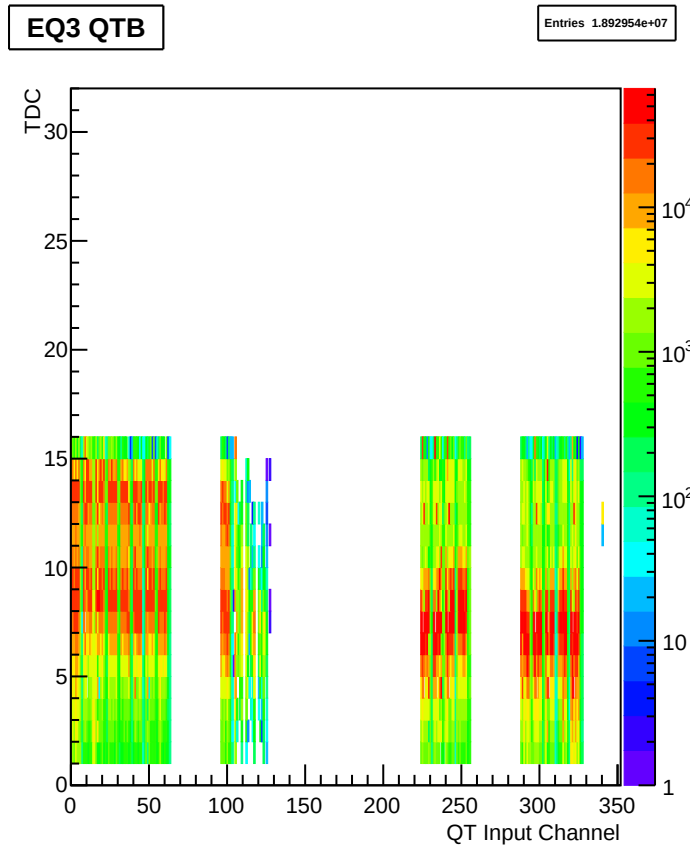

EQ2 QTB
Entries 7.528032e+07
ADC
QT Input Channel

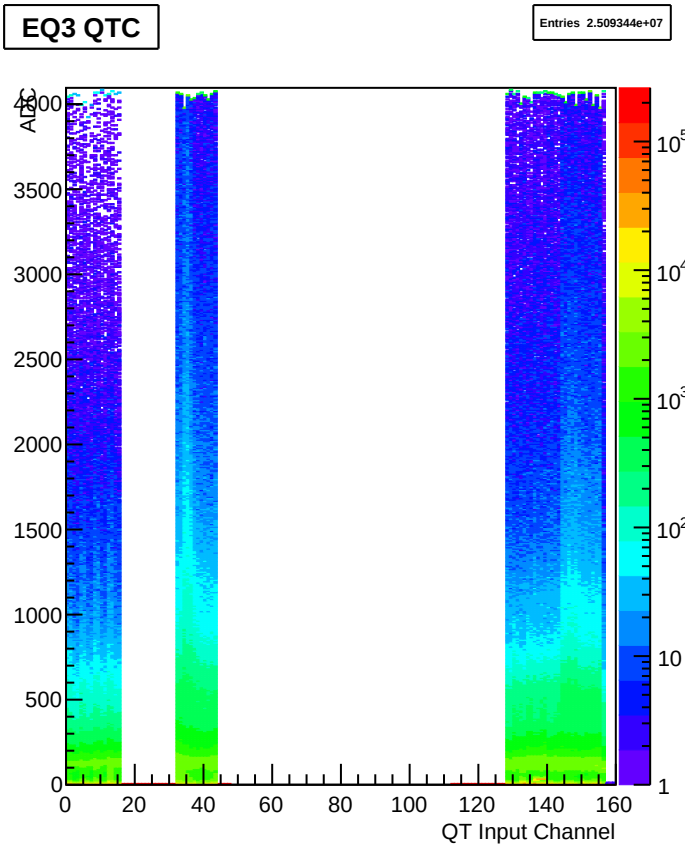

EQ2 QTB
Entries 2.343884e+07
TDC
QT Input Channel

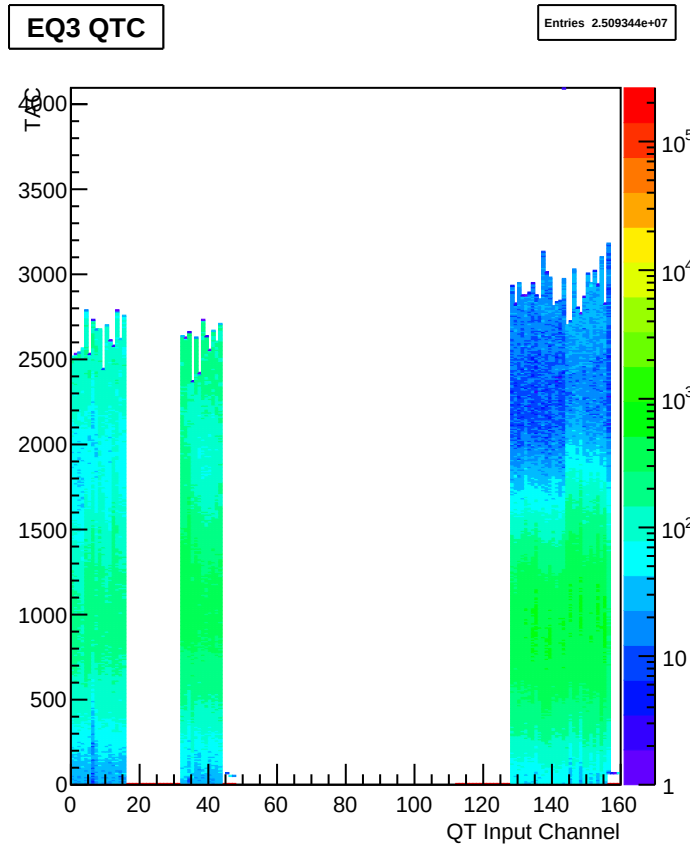

EQ2 QTC
Entries 2.509344e+07
ADC
QT Input Channel

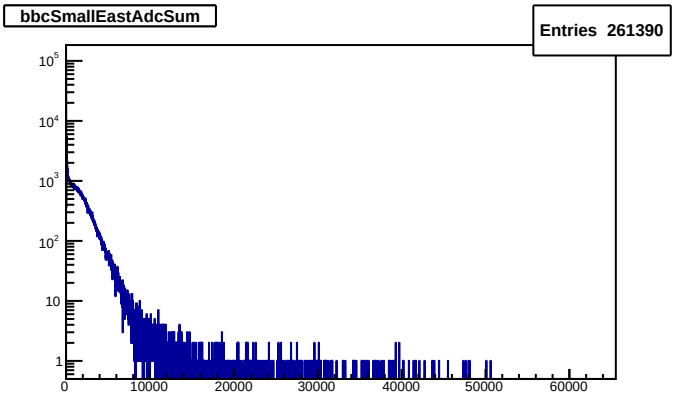

EQ2 QTC
Entries 2.509344e+07
TADC
QT Input Channel

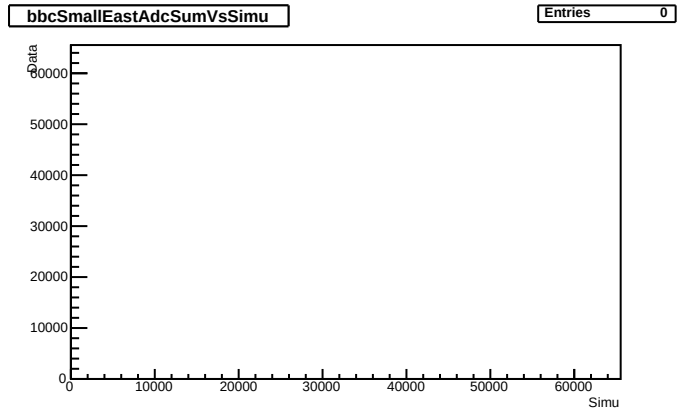

EQ3 QTB
Entries 6.691584e+07
ADC
QT Input Channel

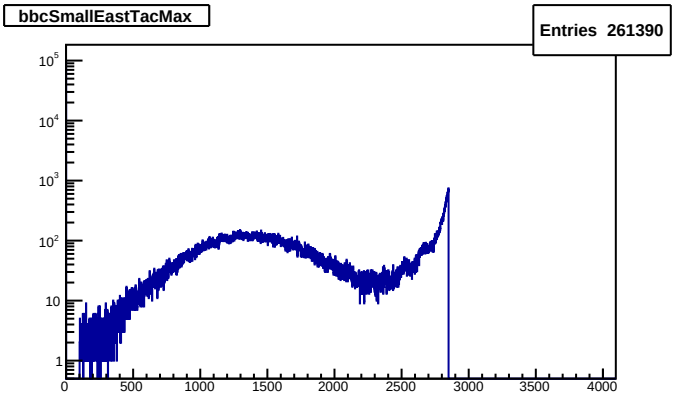

EQ3 QTB
Entries 1.892954e+07
TDC
QT Input Channel

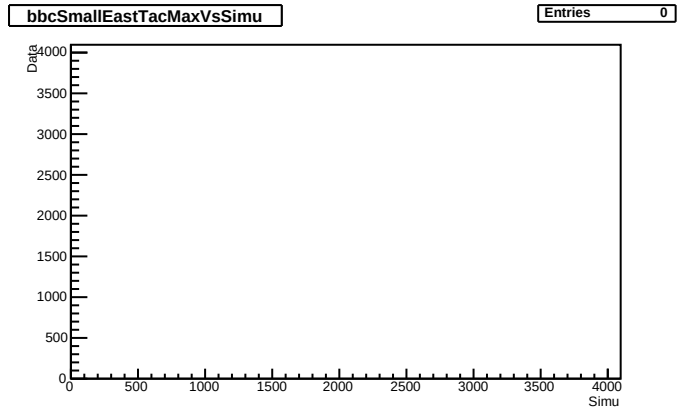

EQ3 QTC
Entries 2.509344e+07
ADC
QT Input Channel

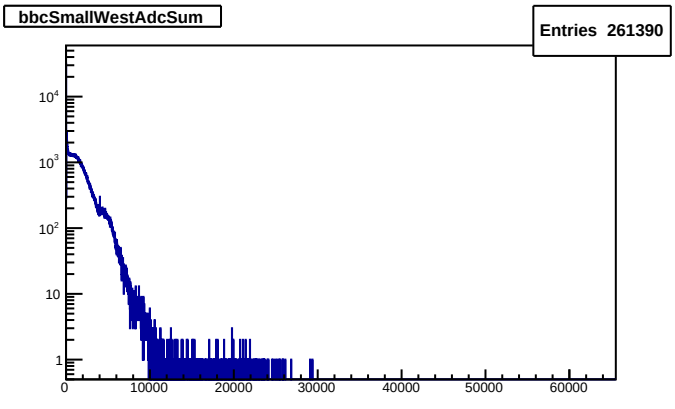

EQ3 QTC
Entries 2.509344e+07
TADC
QT Input Channel

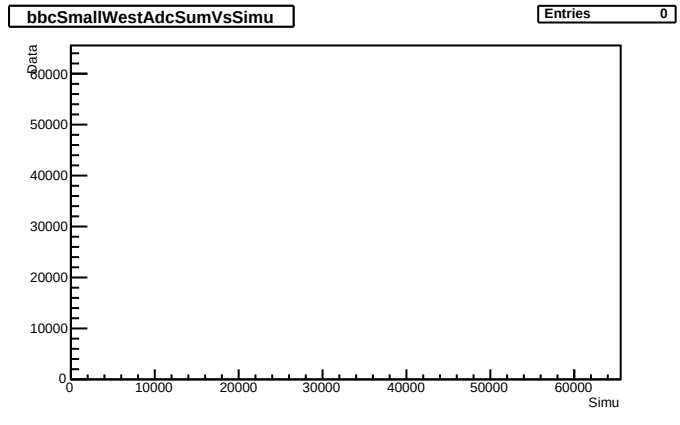

bbcSmallEastAdcSum
Entries 261390

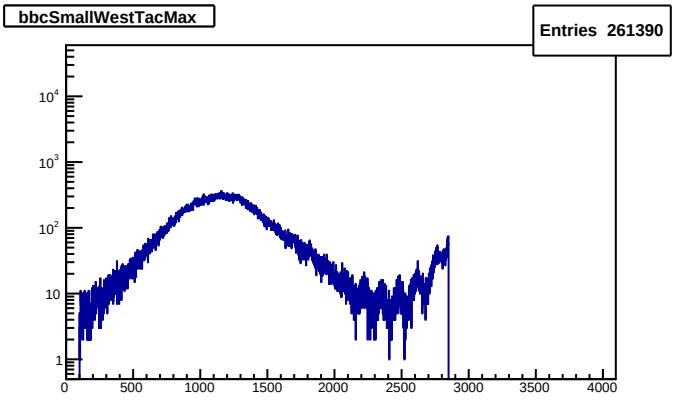

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

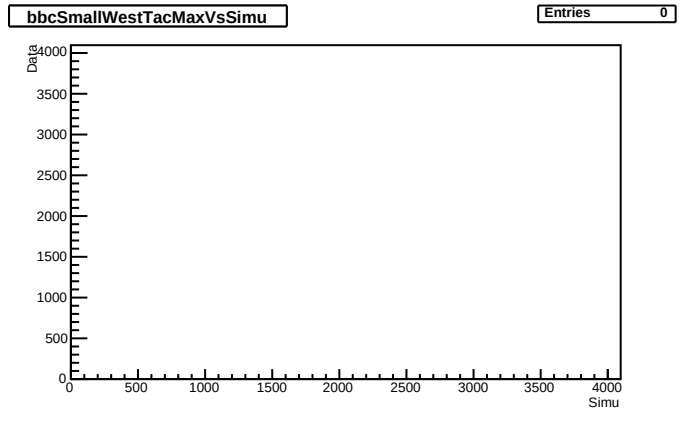

bbcSmallEastTacMax
Entries 261390

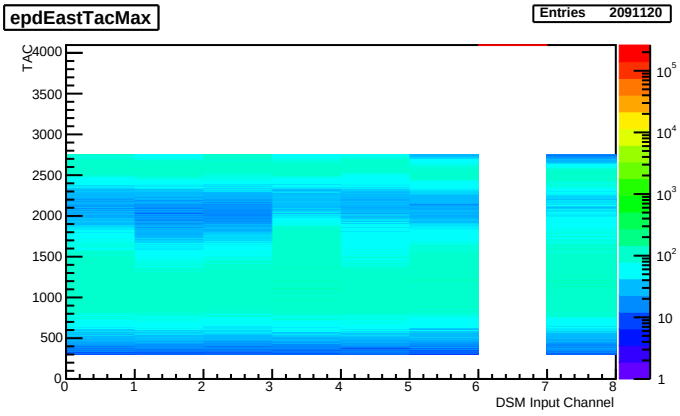

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

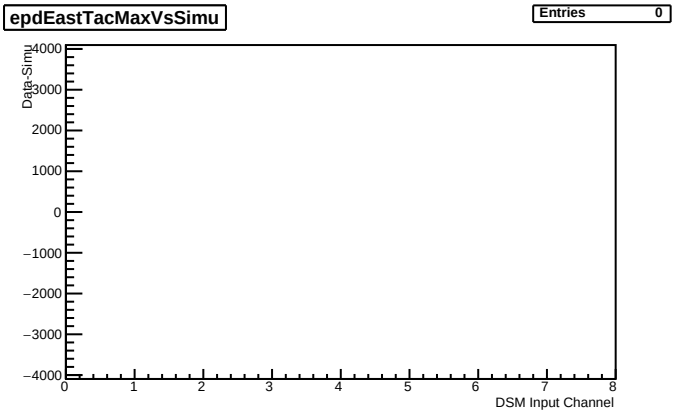

bbcSmallWestAdcSum
Entries 261390

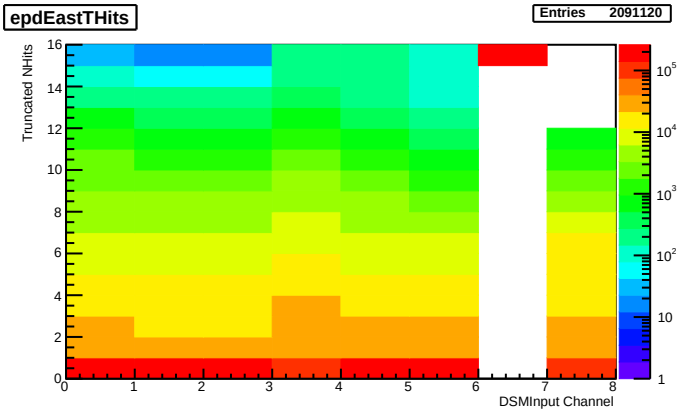

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

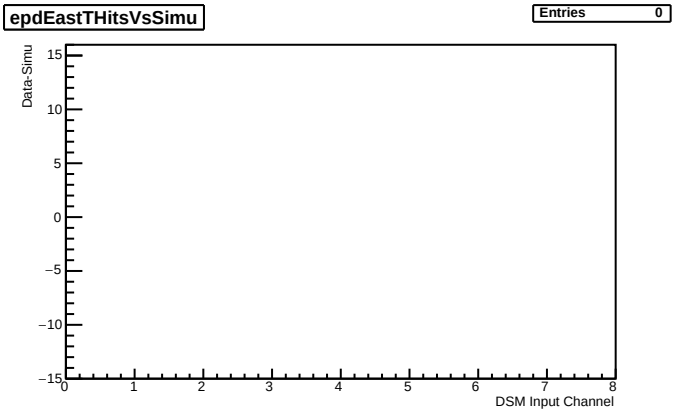

bbcSmallWestTacMax
Entries 261390

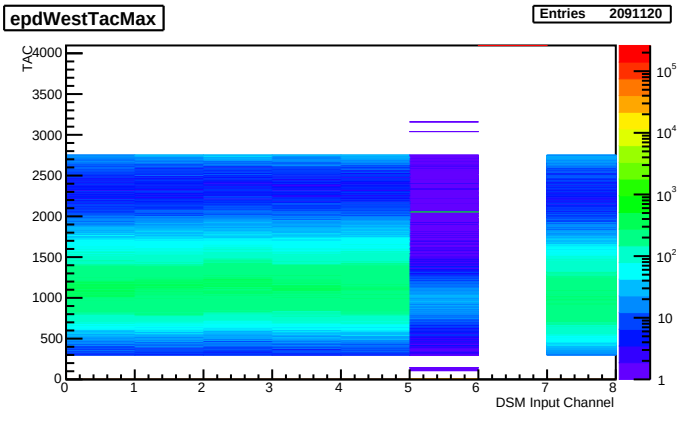

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

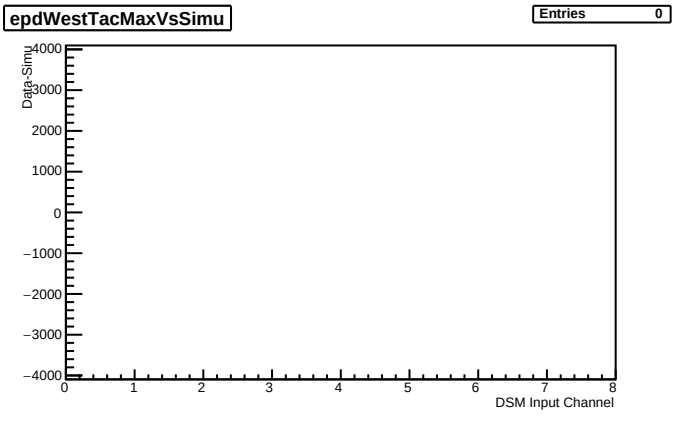

epdEastTacMax
Entries 2091120
TAC
DSM Input Channel

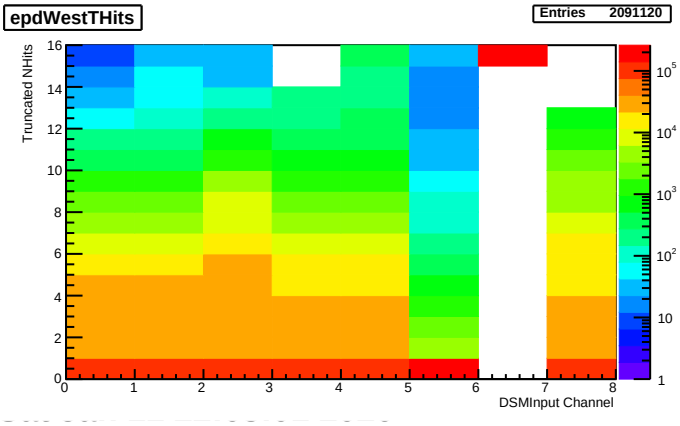

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

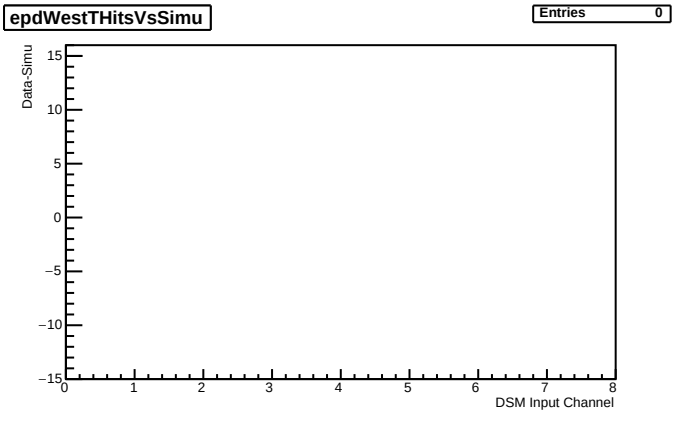

epdEastTHits
Entries 2091120
Truncated NHits
DSMInput Channel

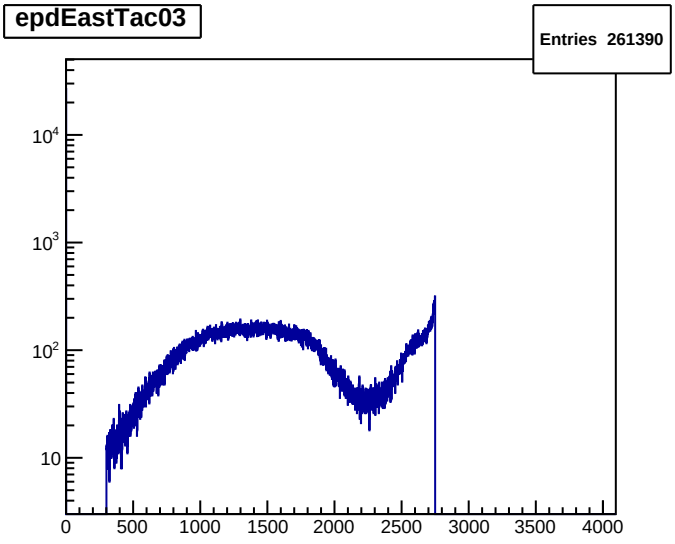

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

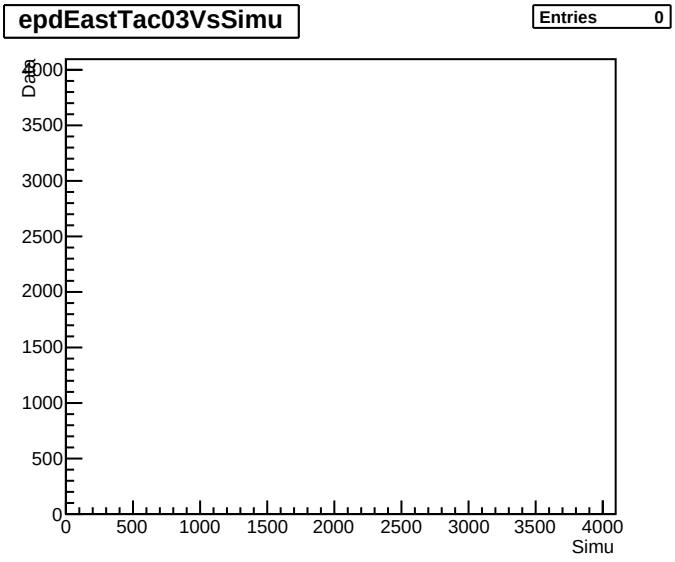

epdWestTacMax
Entries 2091120
TAC
DSM Input Channel

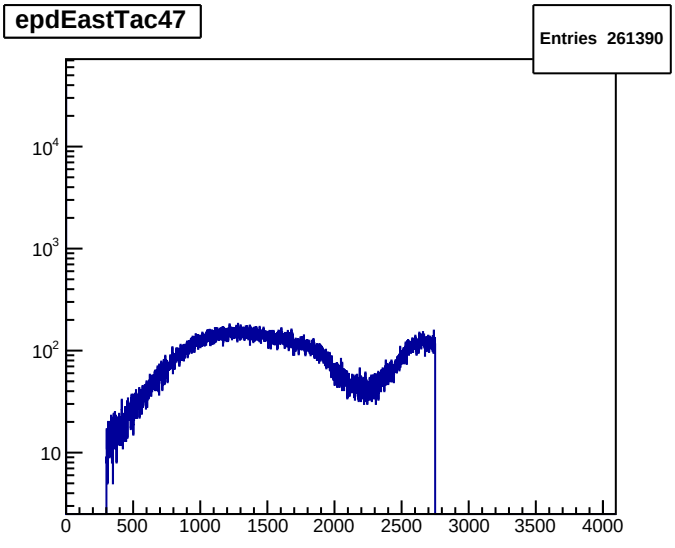

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

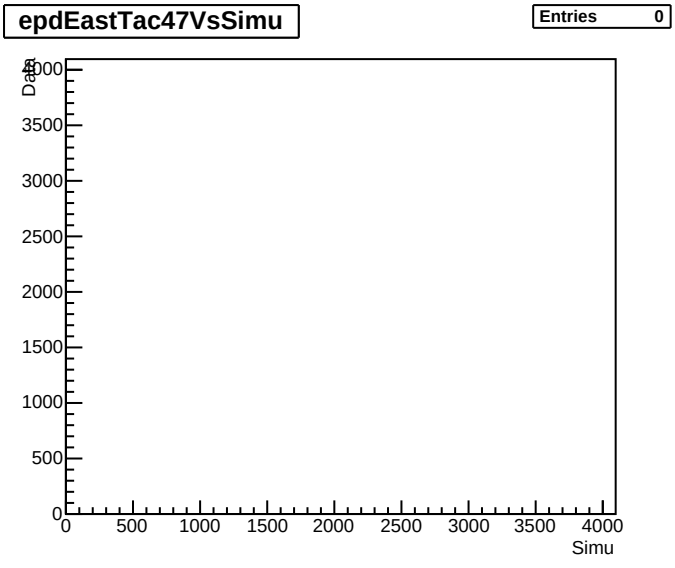

epdWestTHits
Entries 2091120
Truncated NHits
DSMInput Channel

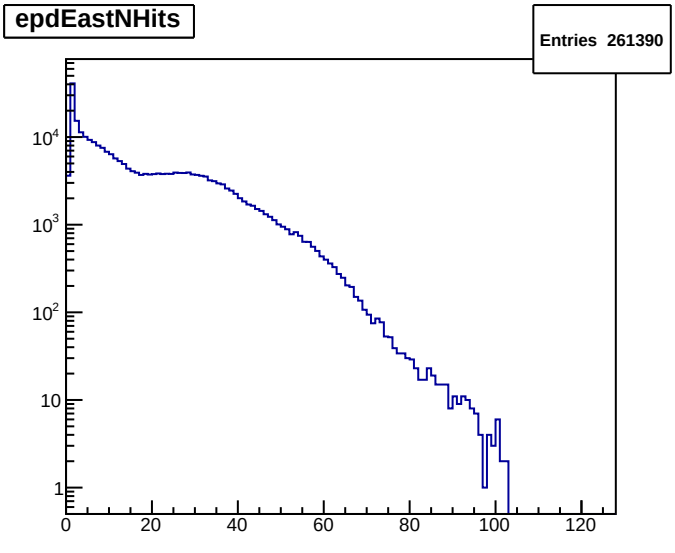

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

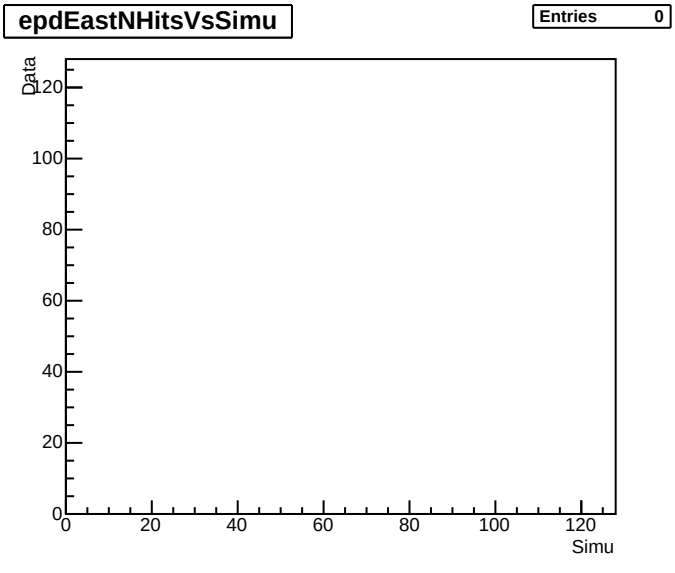

epdEastTac03
Entries 261390

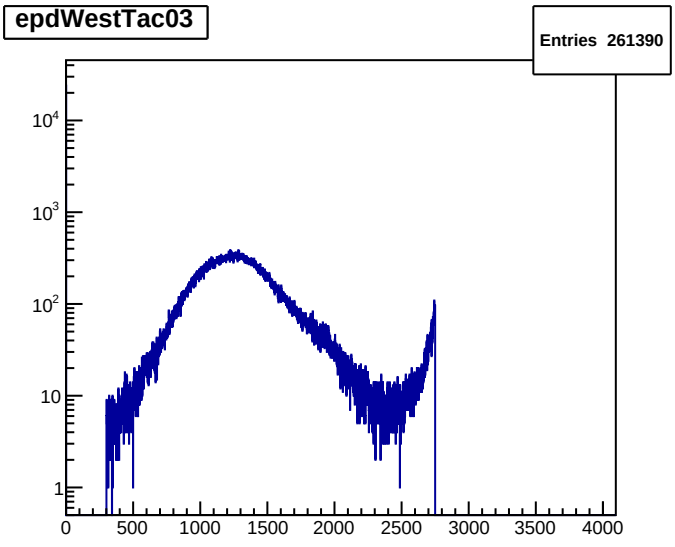

epdEastTac03VsSimu
Entries 0
Data
Simu

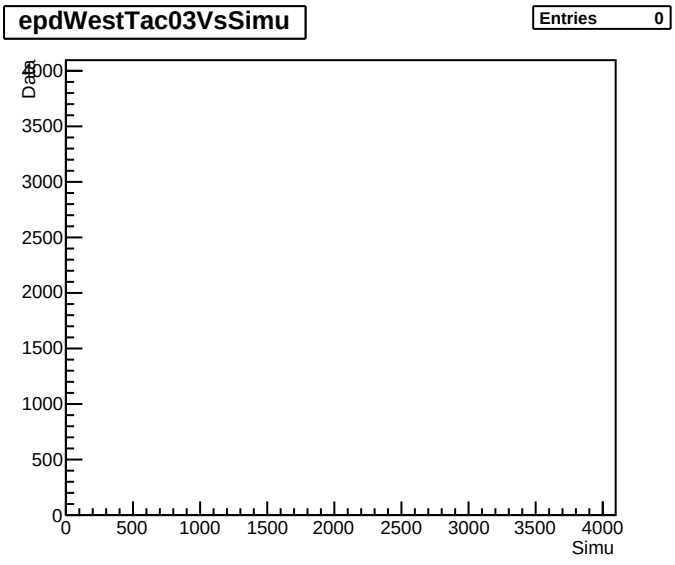

epdEastTac47
Entries 261390

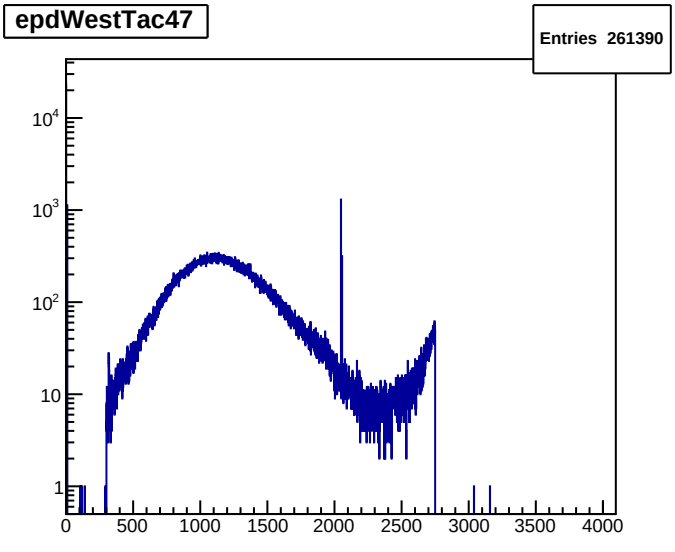

epdEastTac47VsSimu
Entries 0
Data
Simu

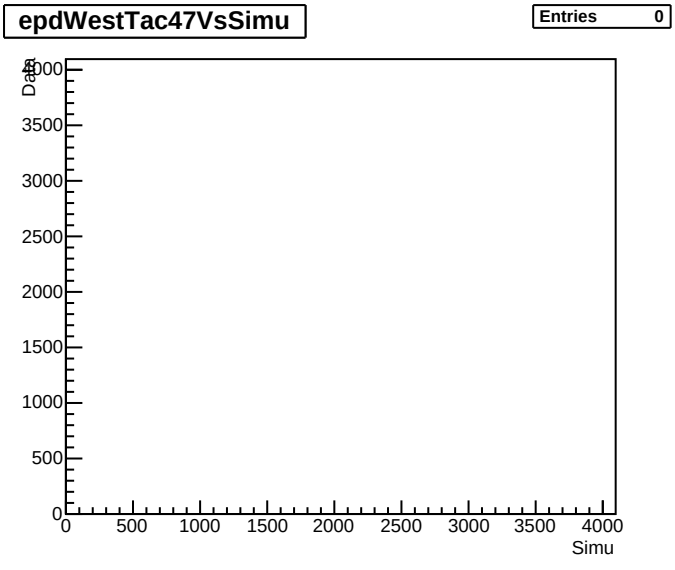

epdEastNHits
Entries 261390

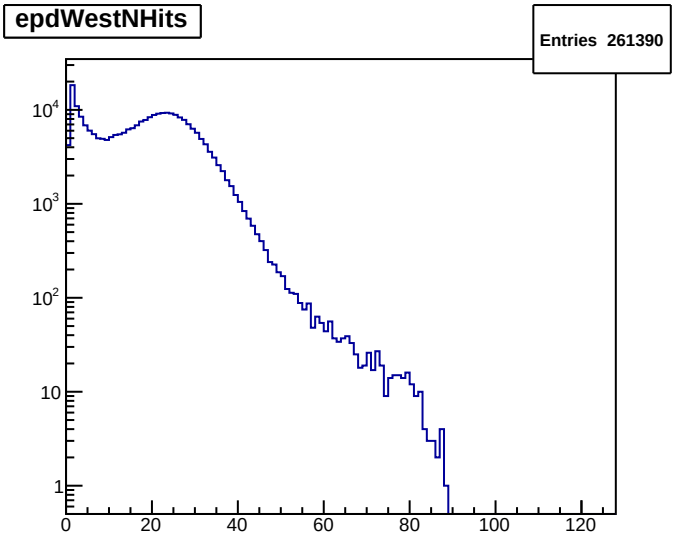

epdEastNHitsVsSimu
Entries 0
Data
Simu

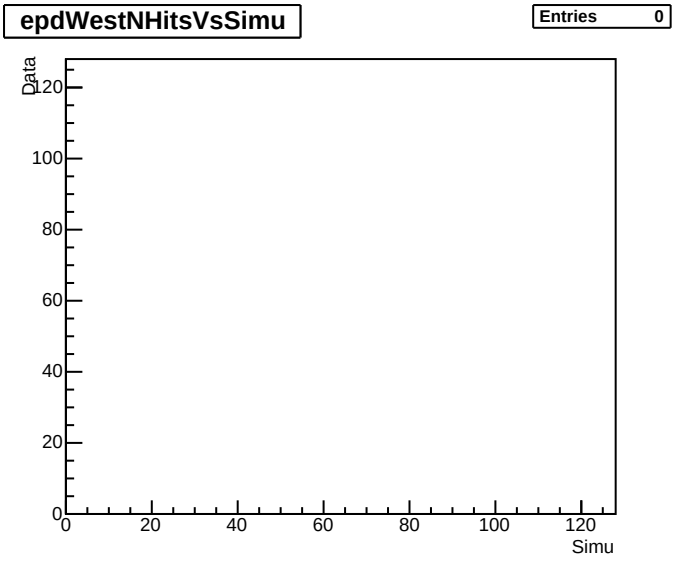

epdWestTac03
Entries 261390

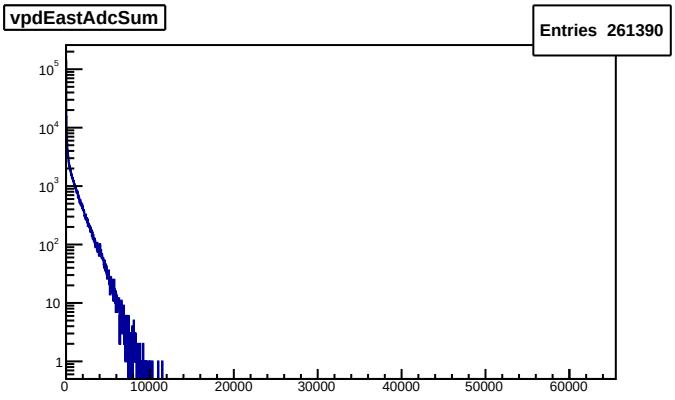

epdWestTac03VsSimu
Entries 0
Data
Simu

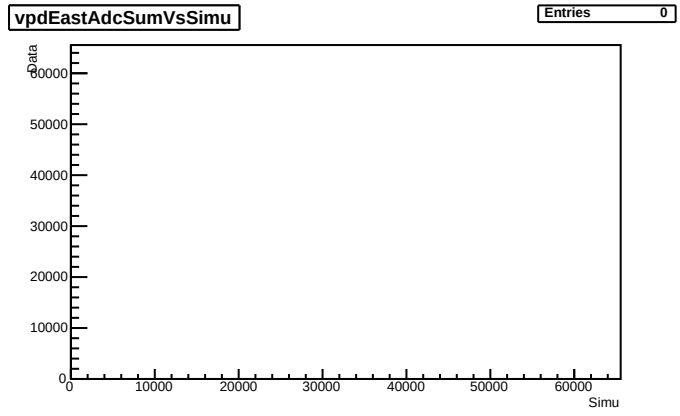

epdWestTac47
Entries 261390

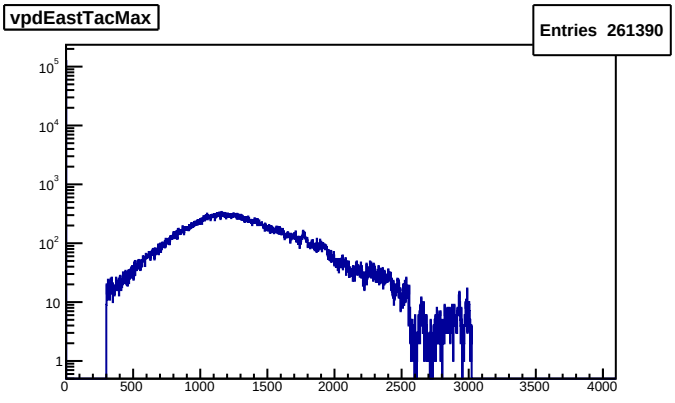

epdWestTac47VsSimu
Entries 0
Data
Simu

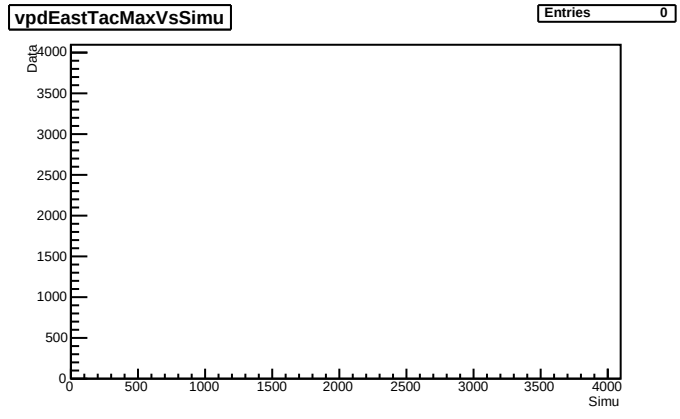

epdWestNHits
Entries 261390

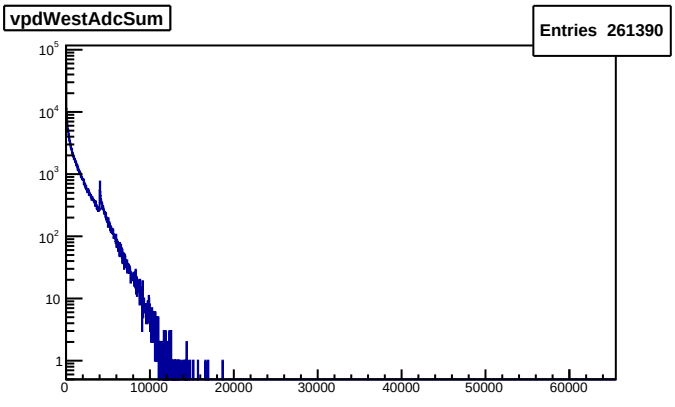

epdWestNHitsVsSimu
Entries 0
Data
Simu

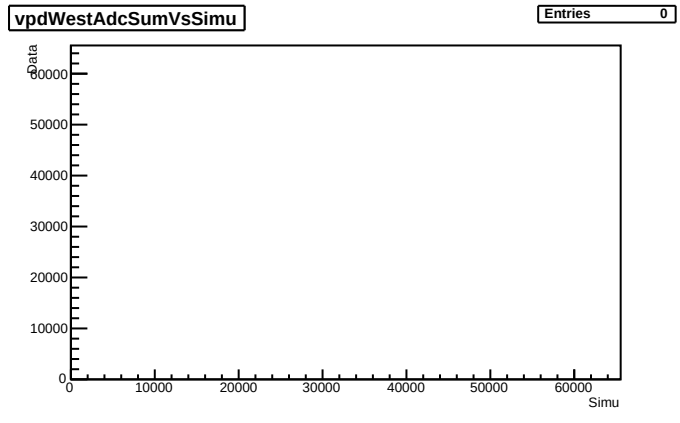

vpdEastAdcSum
Entries 261390

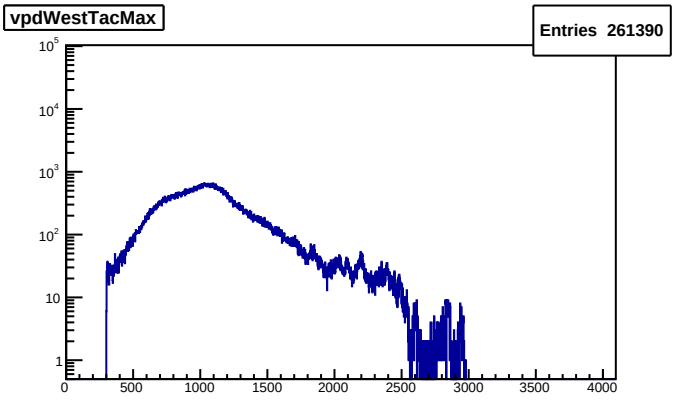

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

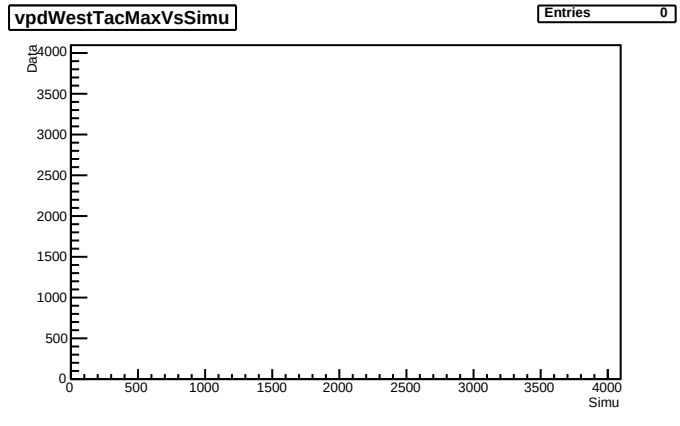

vpdEastTacMax
Entries 261390

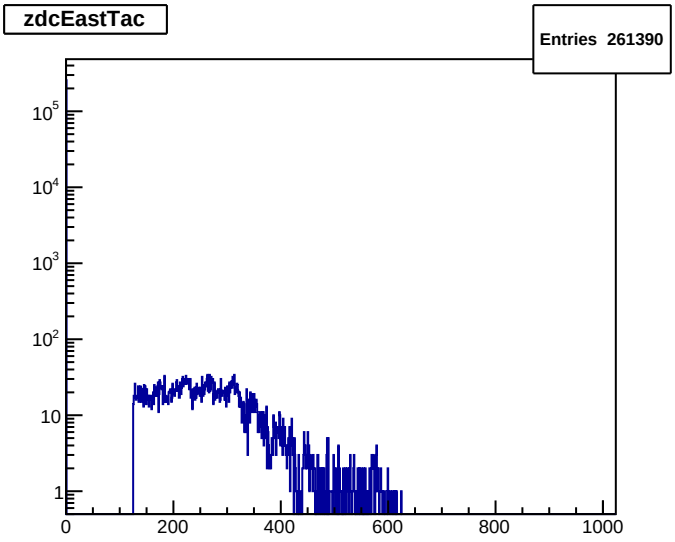

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

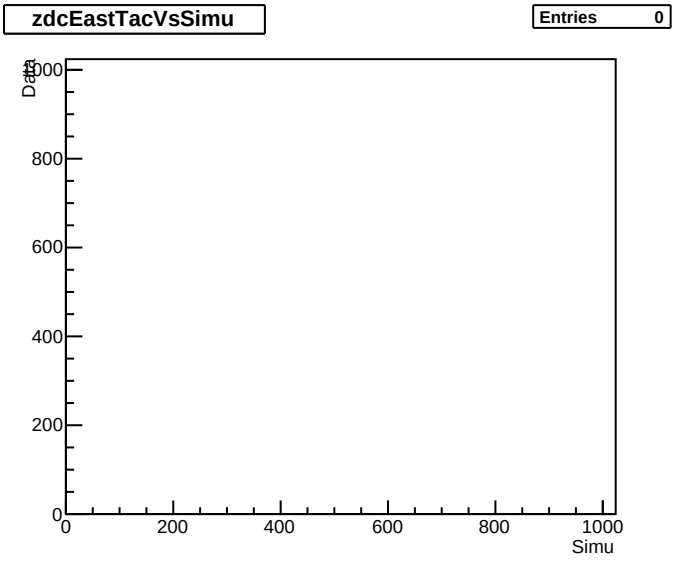

vpdWestAdcSum
Entries 261390

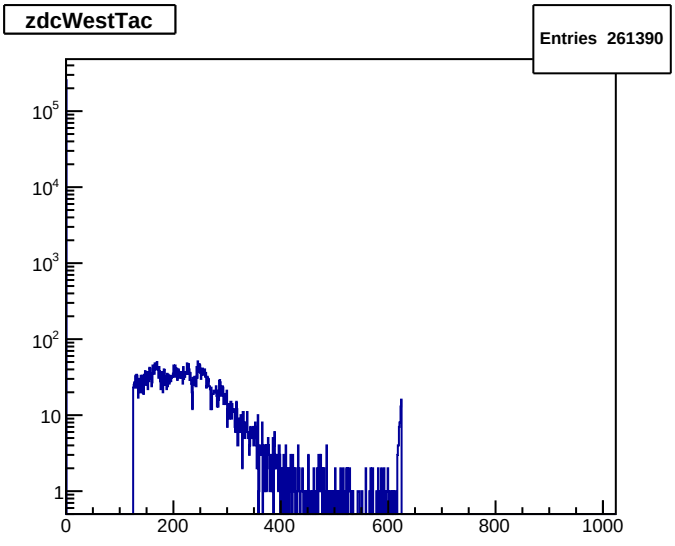

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

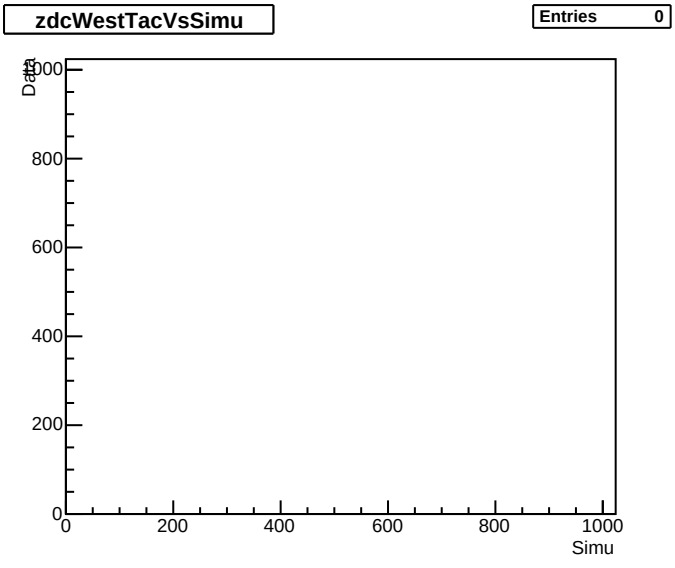

vpdWestTacMax
Entries 261390

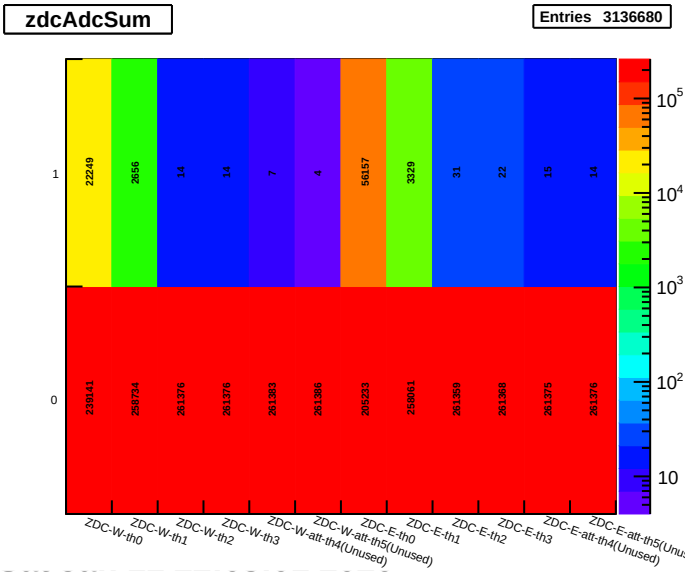

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

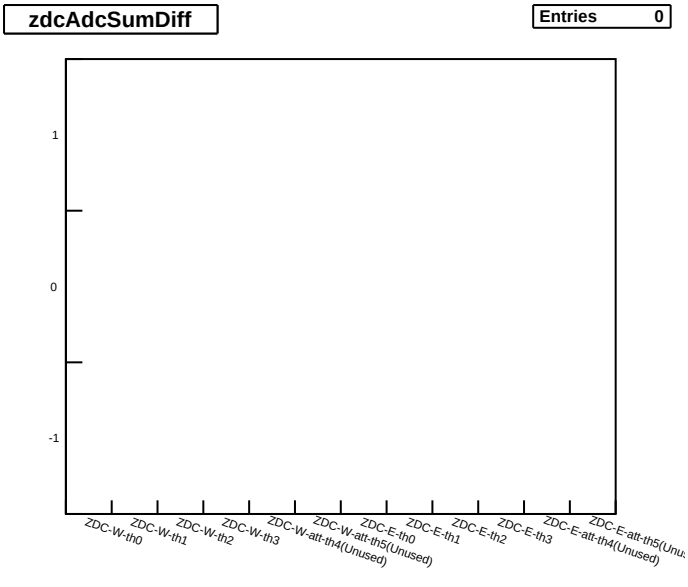

zdcEastTac
Entries 261390

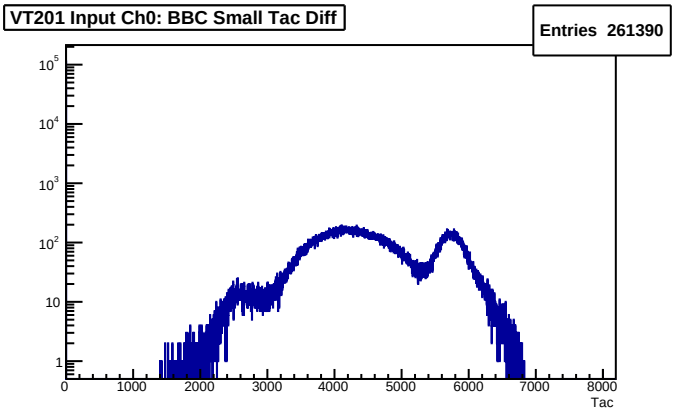

zdcEastTacVsSimu
Entries 0
Data
Simu

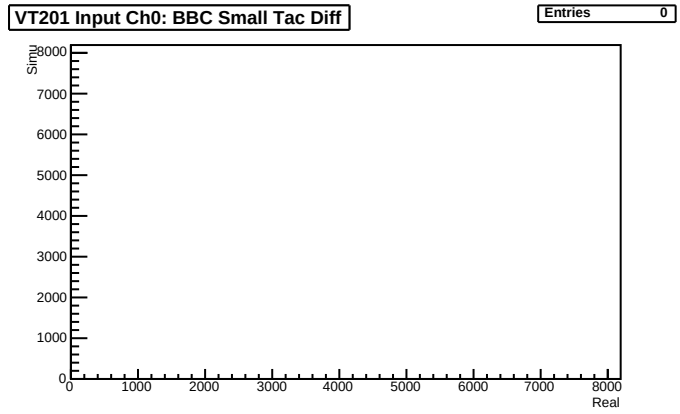

zdcWestTac
Entries 261390

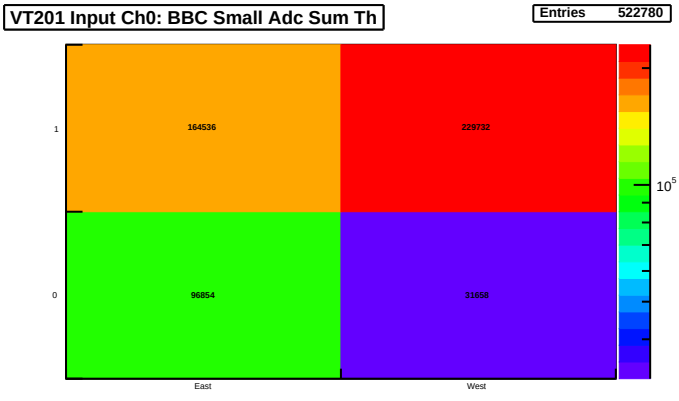

zdcWestTacVsSimu
Entries 0
Data
Simu

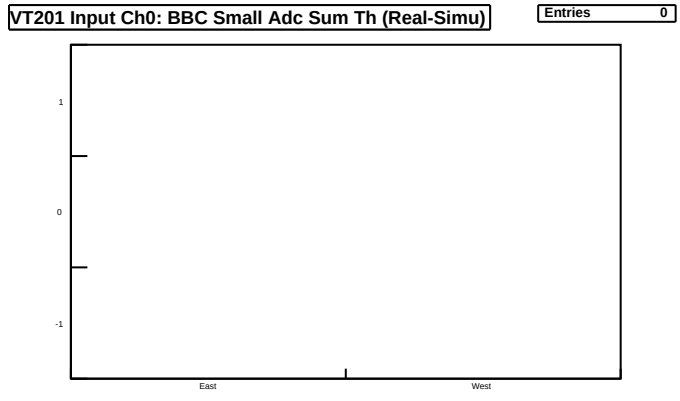

zdcAdcSum
Entries 3136680
22249
2656
14
14
7
4
56157
3329
31
22
15
14
239141
258734
261376
261376
261383
261386
205233
258061
261359
261368
261375
261376
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

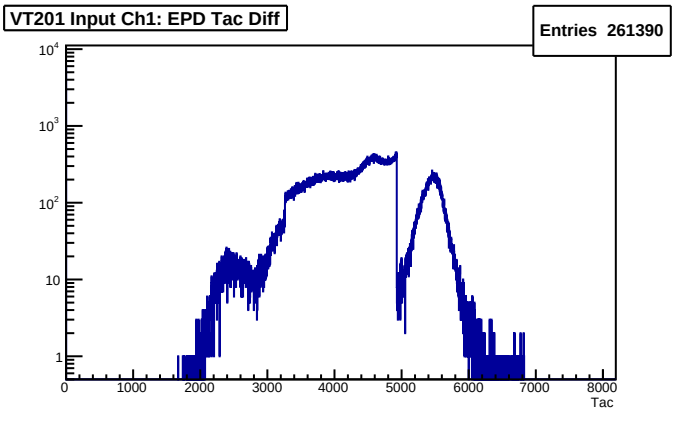

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

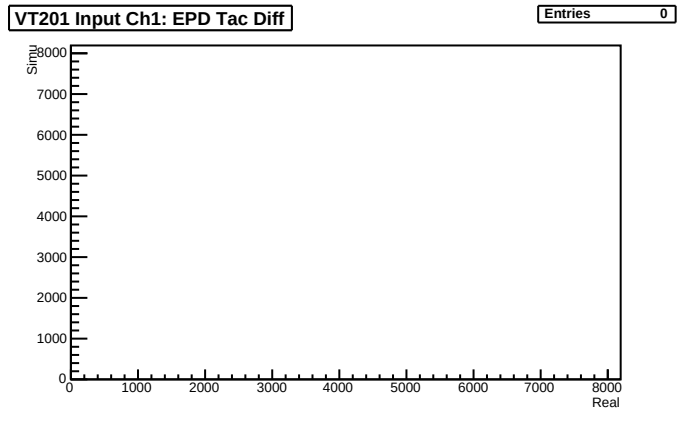

VT201 Input Ch0: BBC Small Tac Diff
Entries 261390
Tac

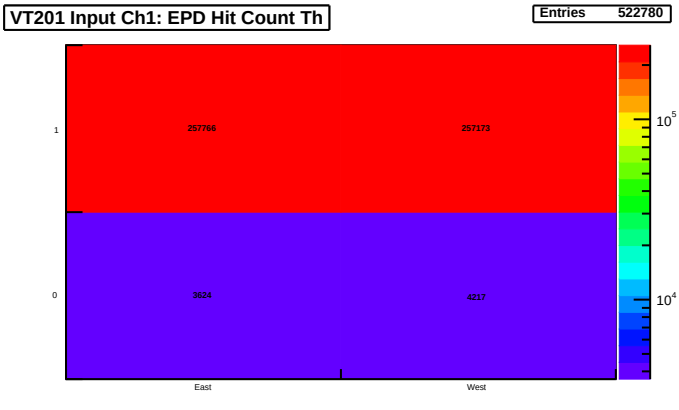

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

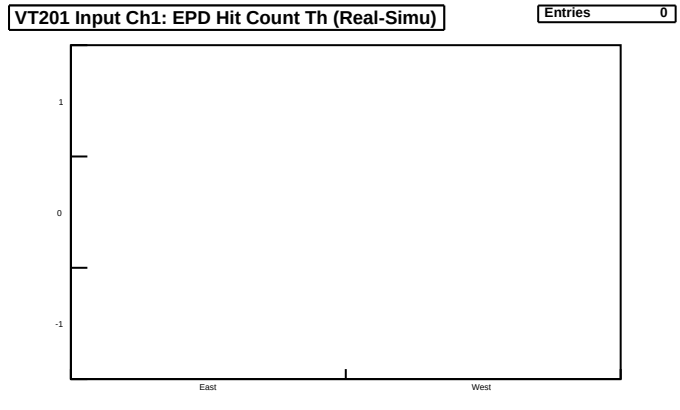

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 522780
164536
229732
96854
31658
East
West

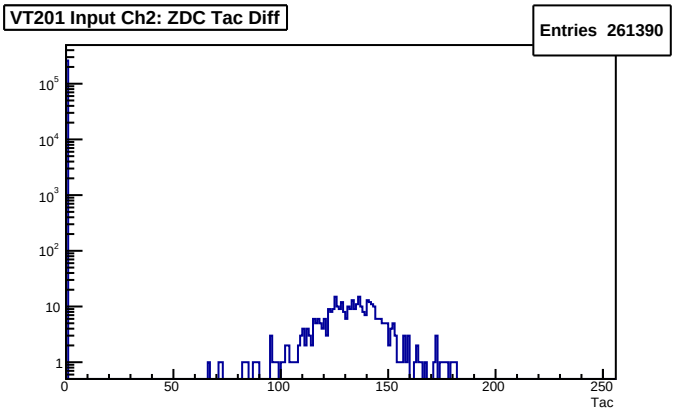

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

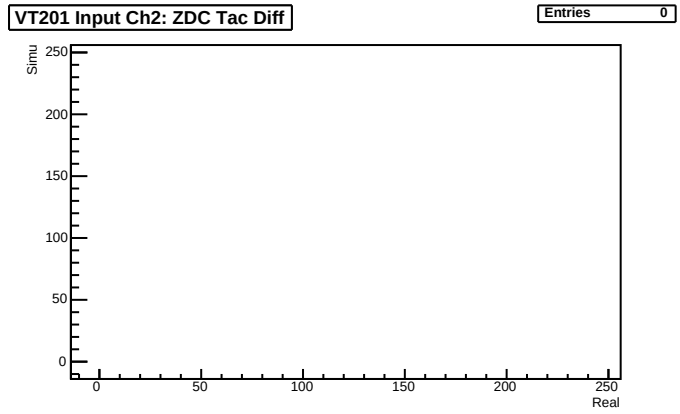

VT201 Input Ch1: EPD Tac Diff
Entries 261390
Tac

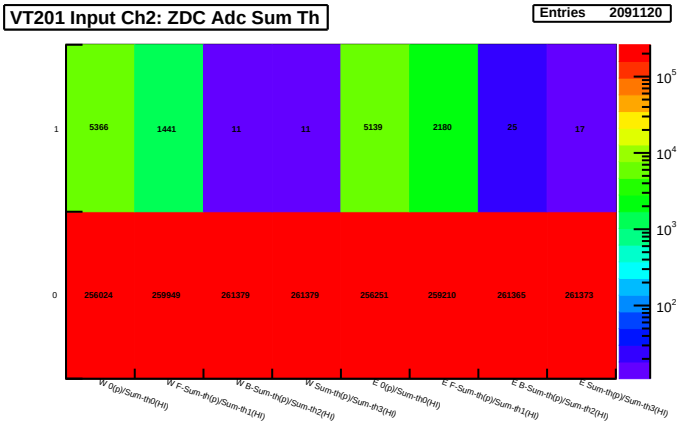

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

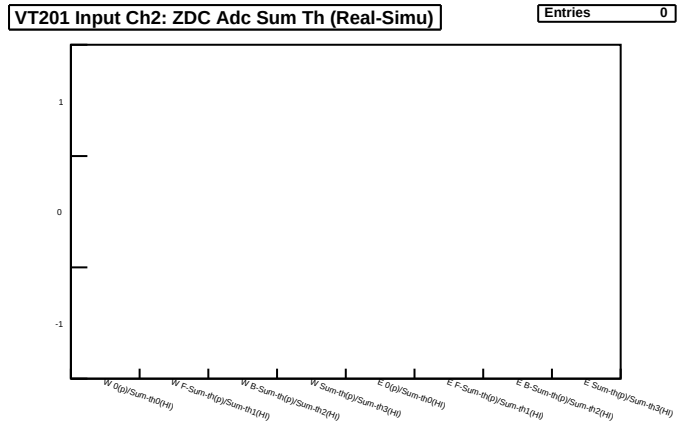

VT201 Input Ch1: EPD Hit Count Th
Entries 522780
257766
257173
3624
4217
East
West

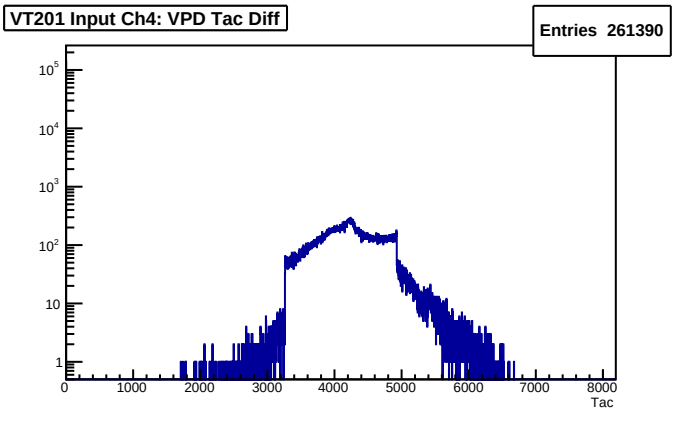

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

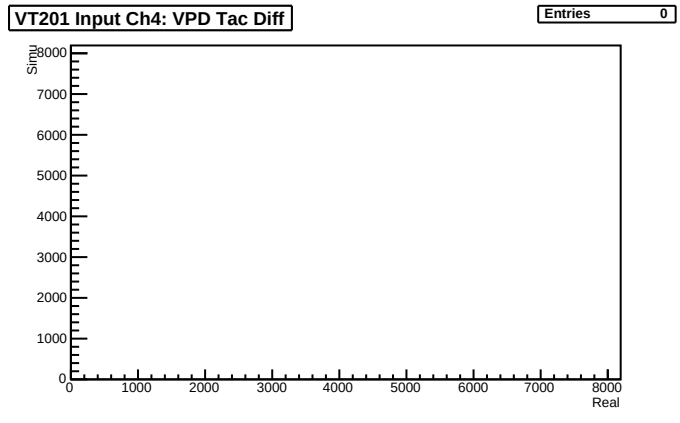

VT201 Input Ch2: ZDC Tac Diff
Entries 261390
Tac

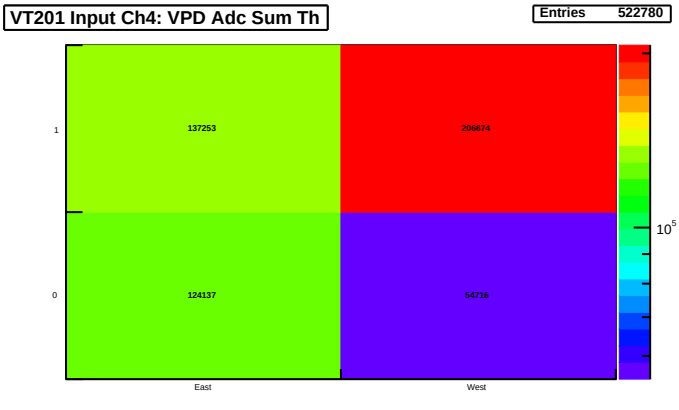

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

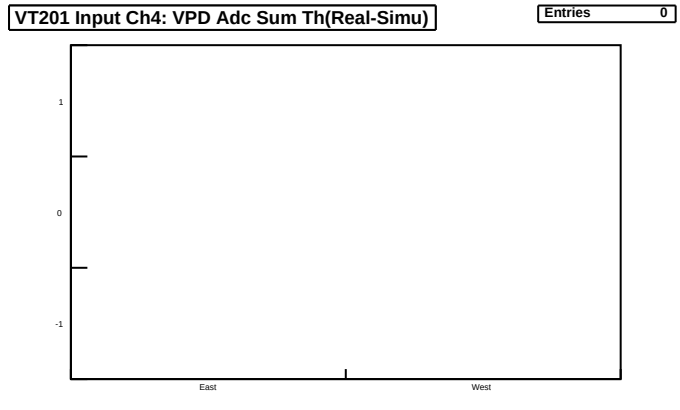

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2091120
5366
1441
11
11
5139
2180
25
17
256024
259949
261379
261379
256251
259210
261365
261373
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

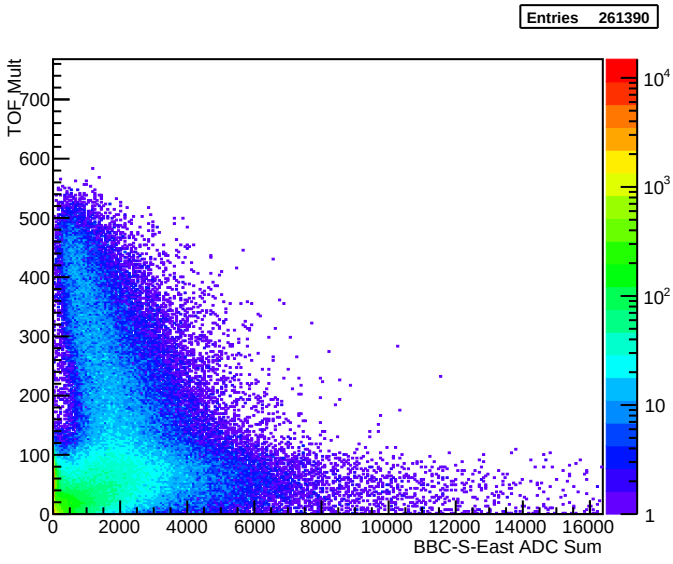

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

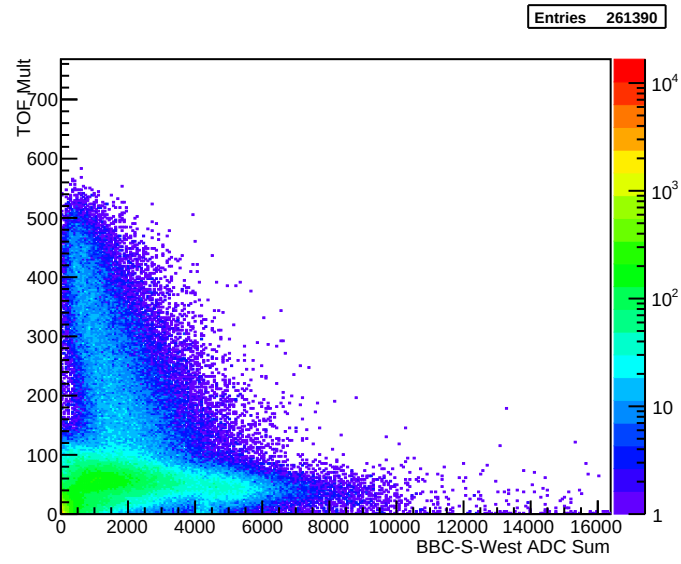

VT201 Input Ch4: VPD Tac Diff
Entries 261390
Tac

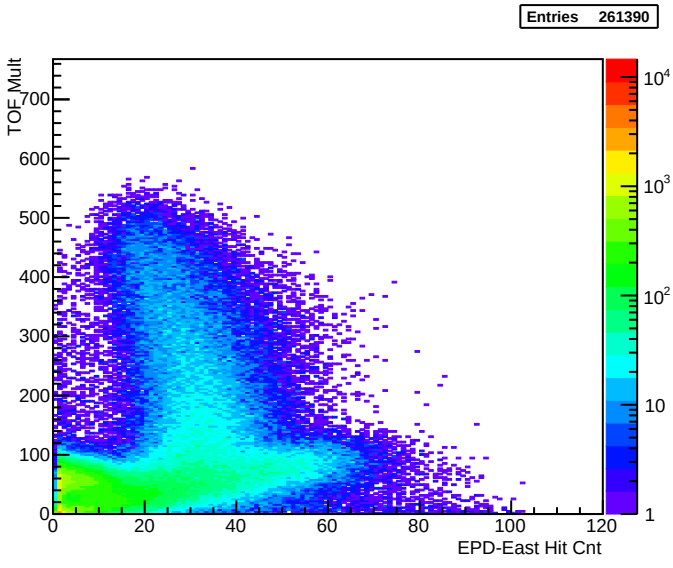

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

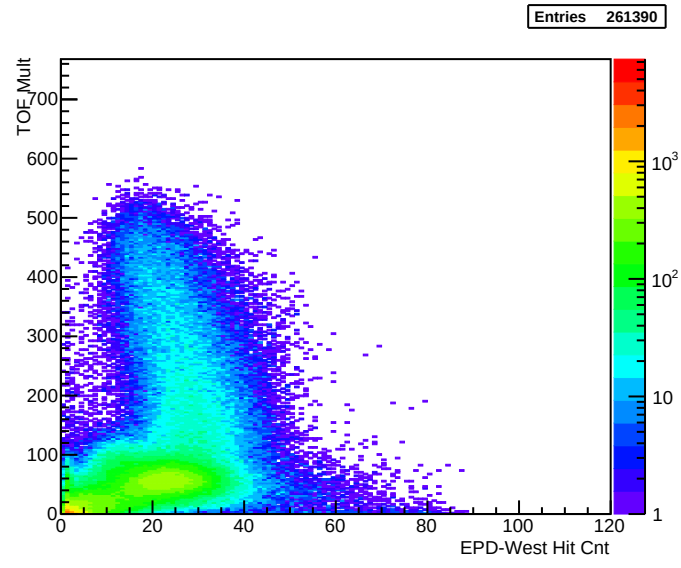

VT201 Input Ch4: VPD Adc Sum Th
Entries 522780
137253
206674
124137
54716
East
West

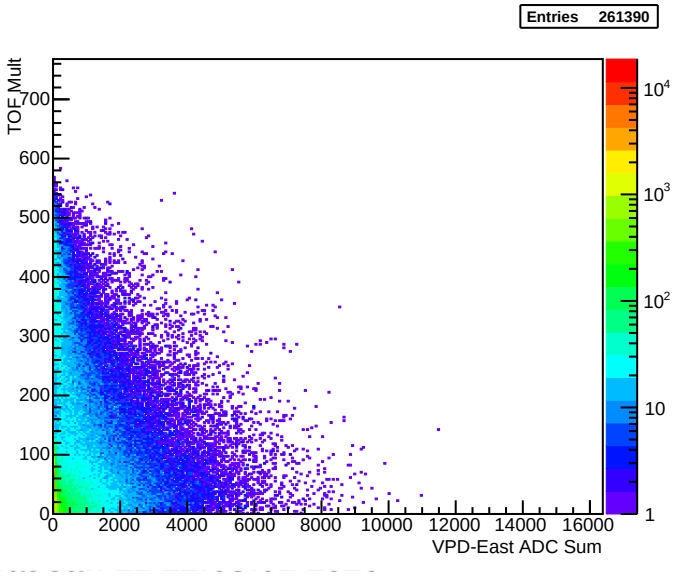

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

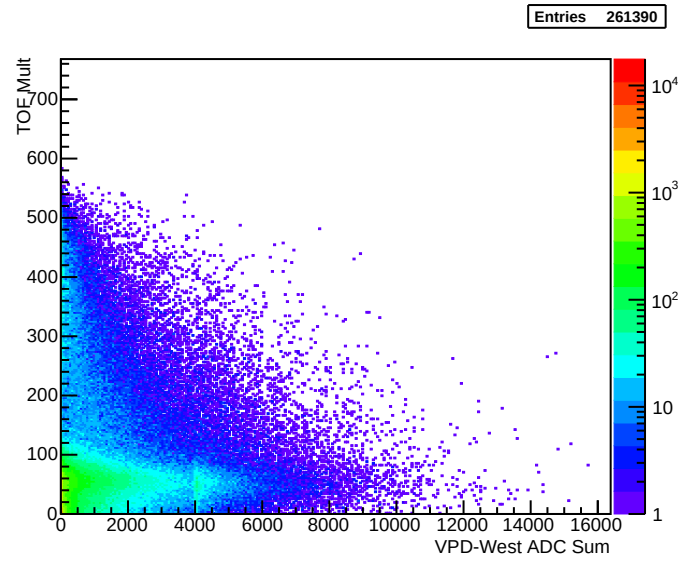

Entries 261390
TOF_Mult
BBC-S-East ADC Sum

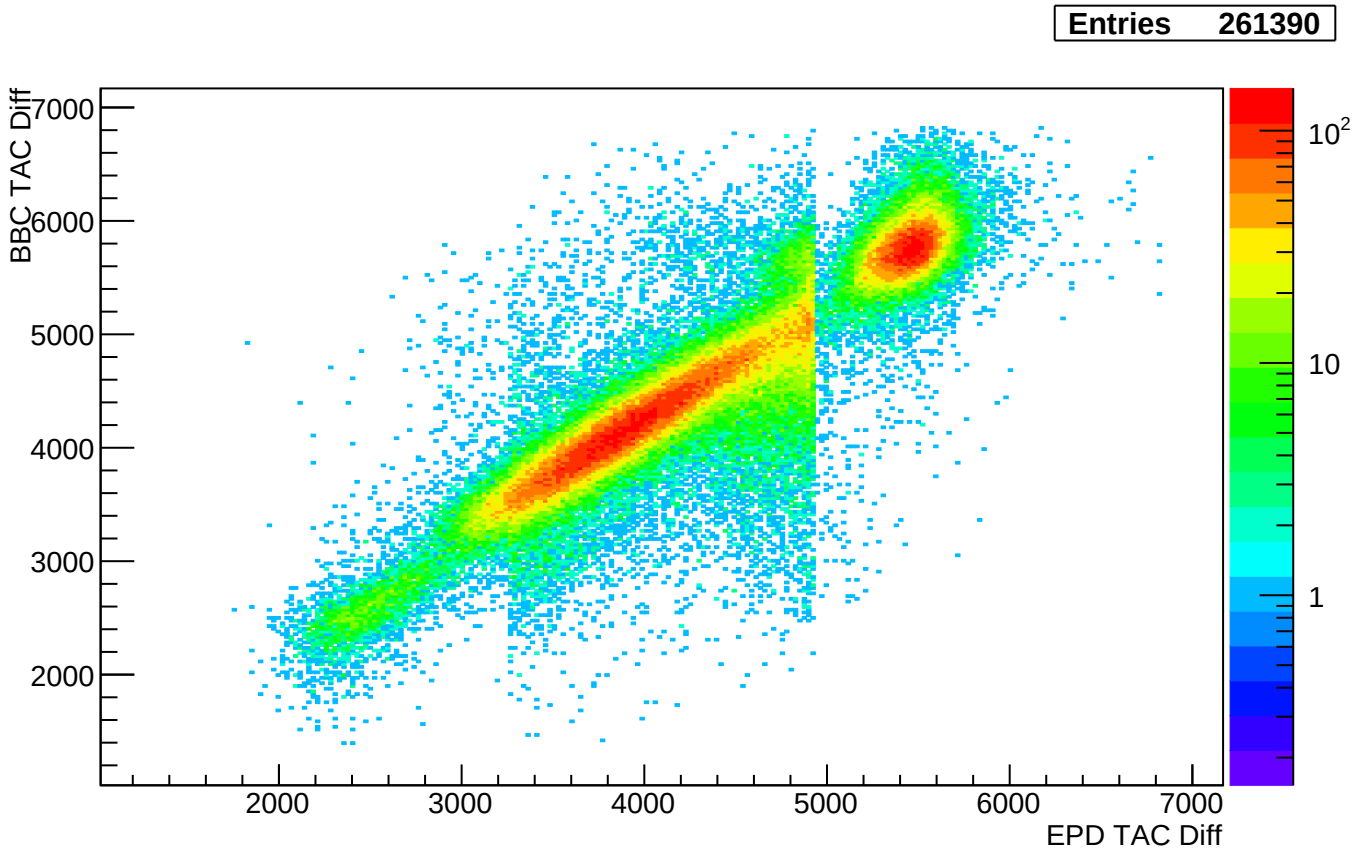

Entries 261390
TOF_Mult
BBC-S-West ADC Sum

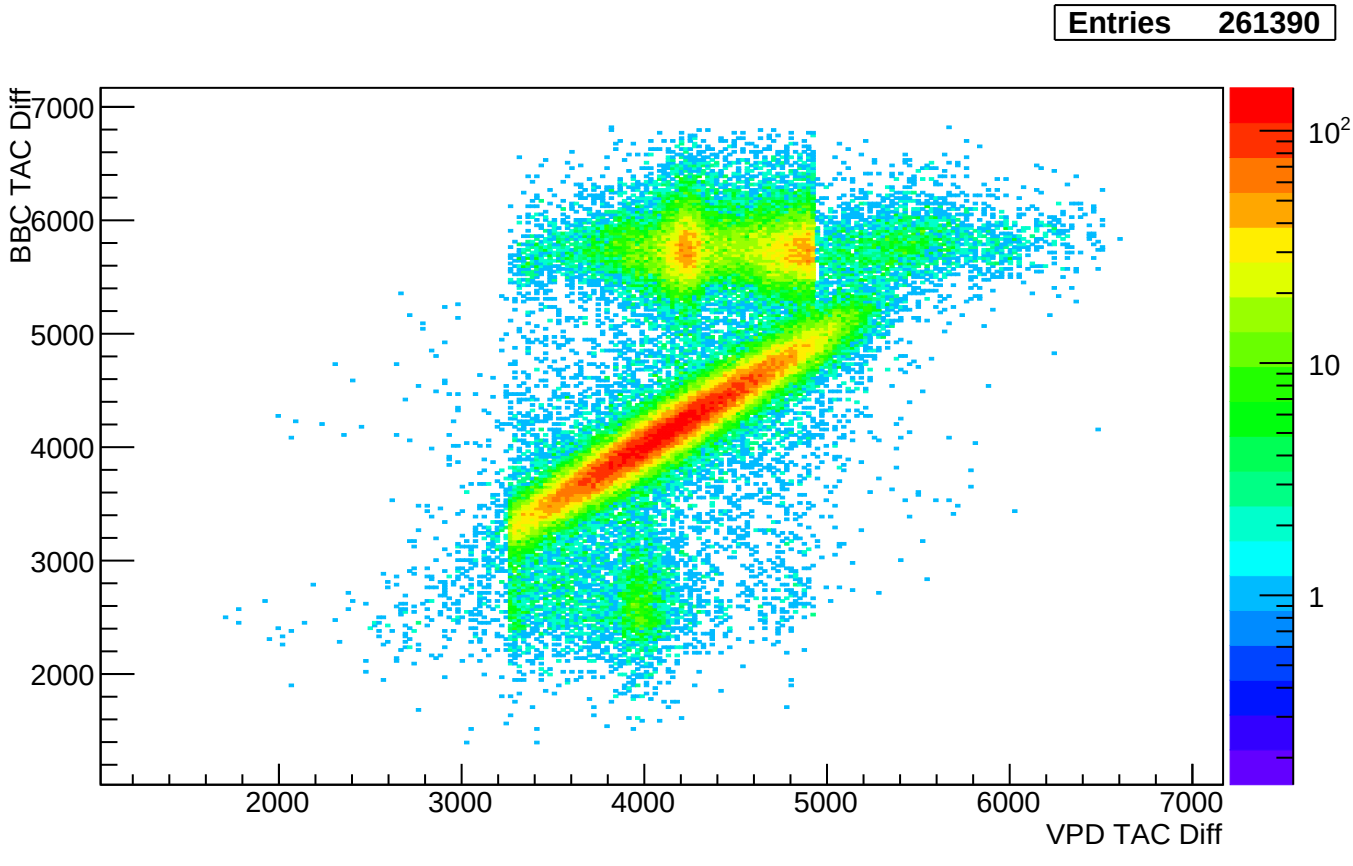

Entries 261390
TOF_Mult
EPD-East Hit Cnt

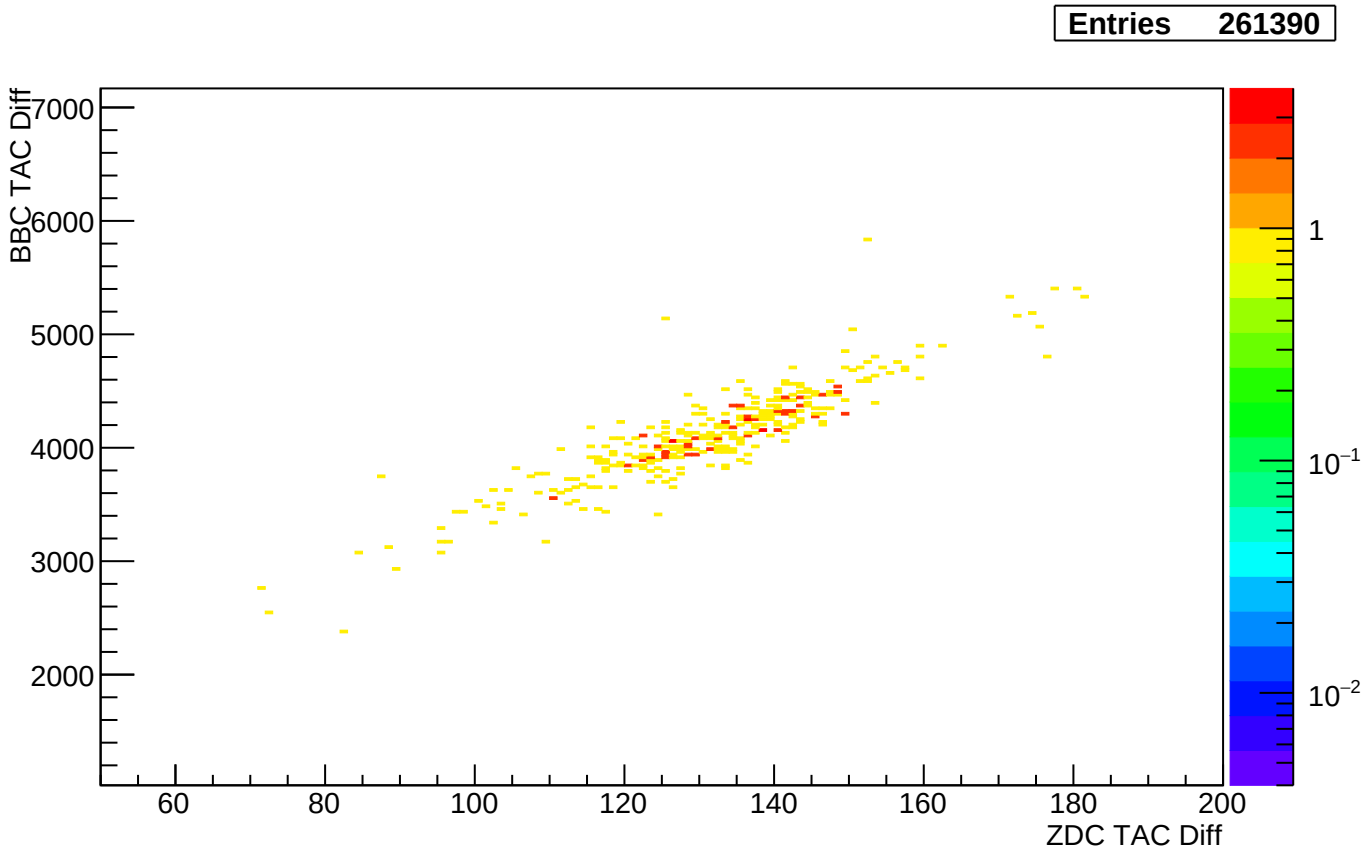

Entries 261390
TOF_Mult
EPD-West Hit Cnt

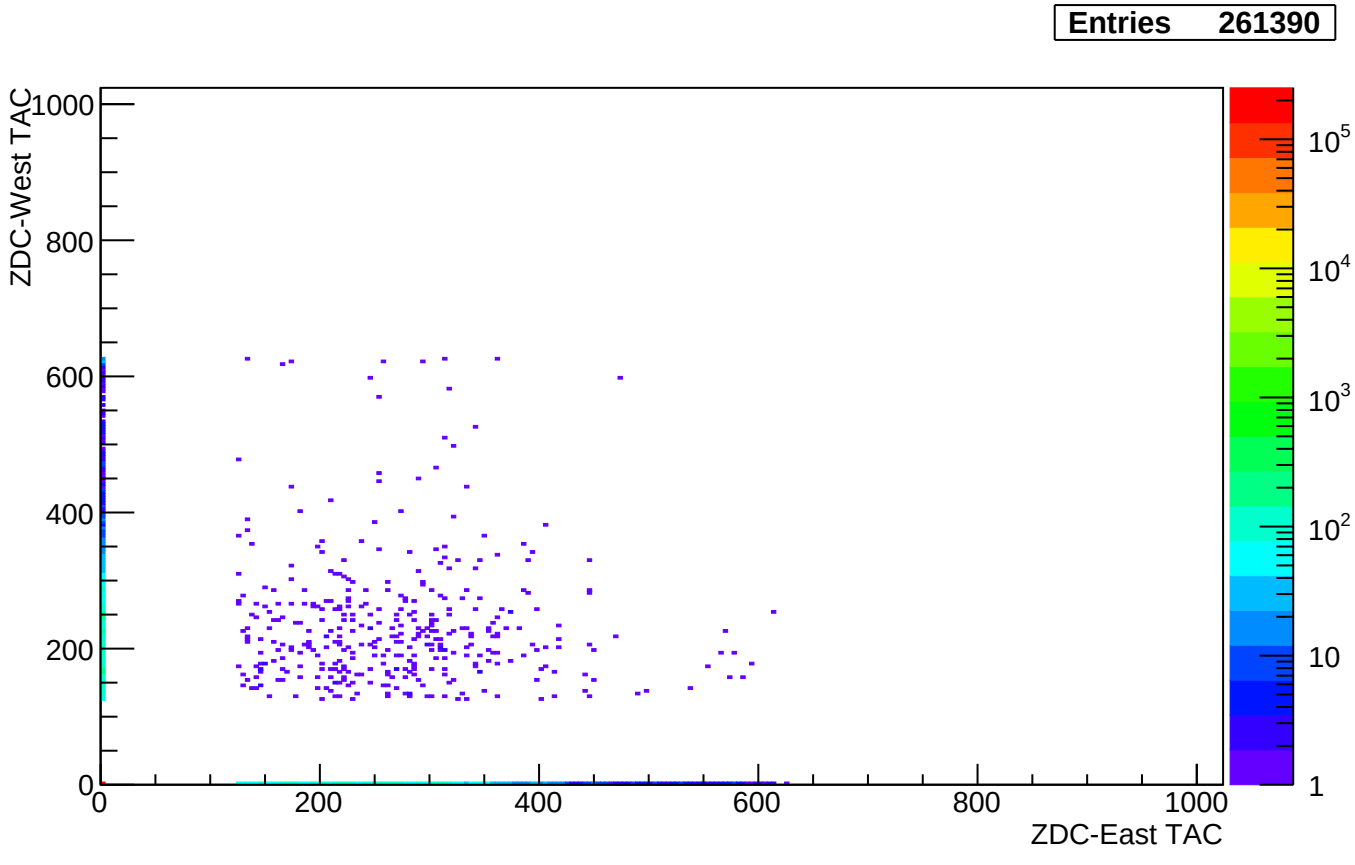

Entries 261390
TOF_Mult
VPD-East ADC Sum

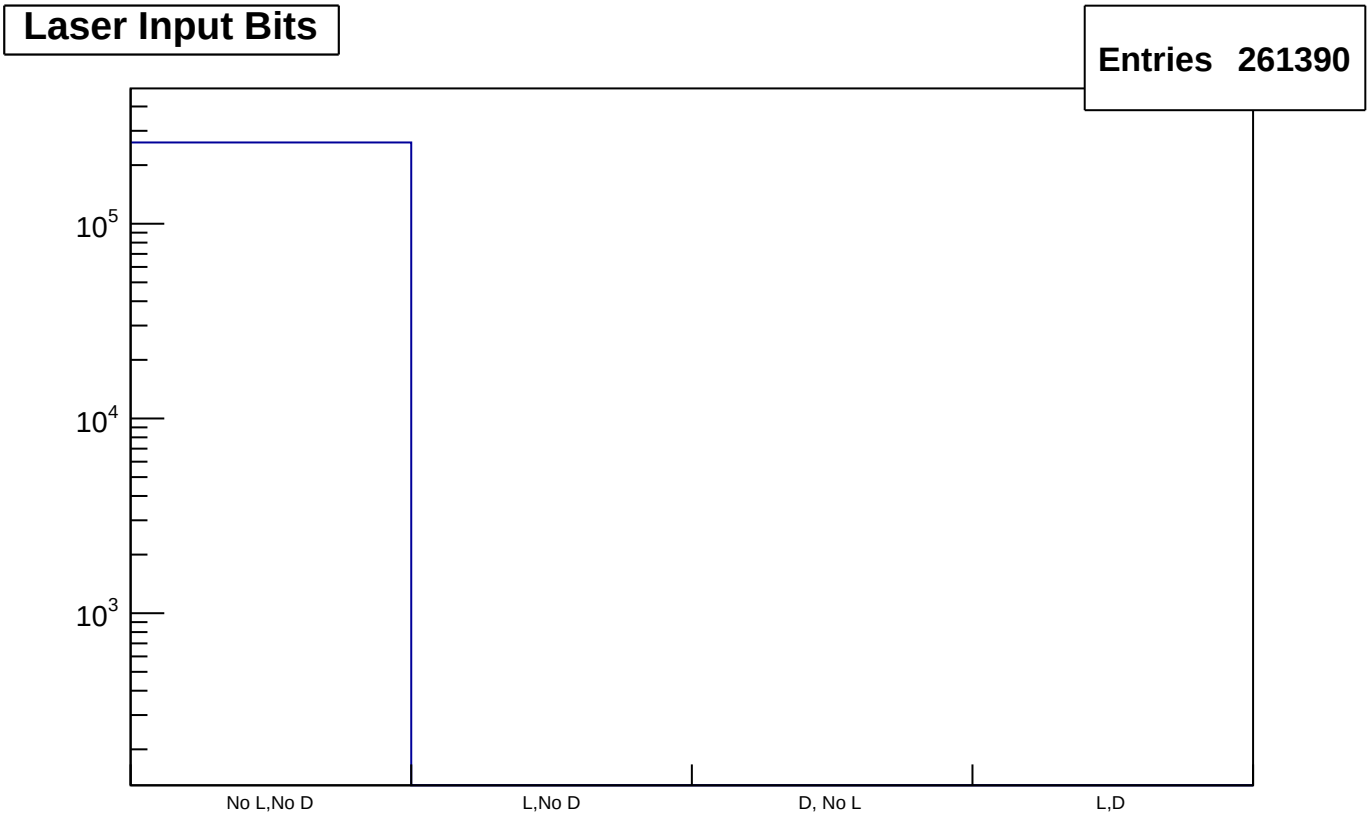

Entries 261390
TOF_Mult
VPD-West ADC Sum

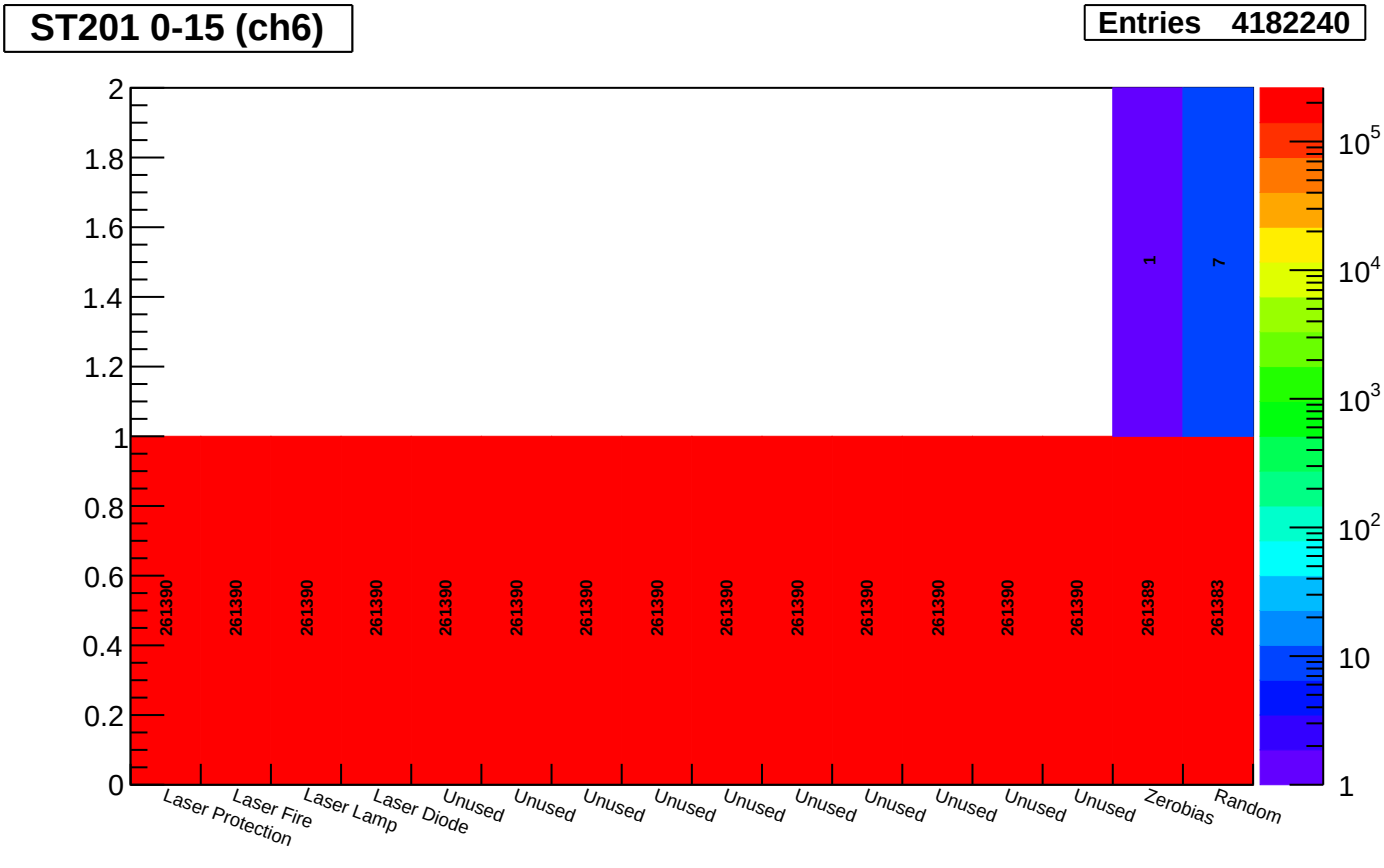

Entries 261390
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

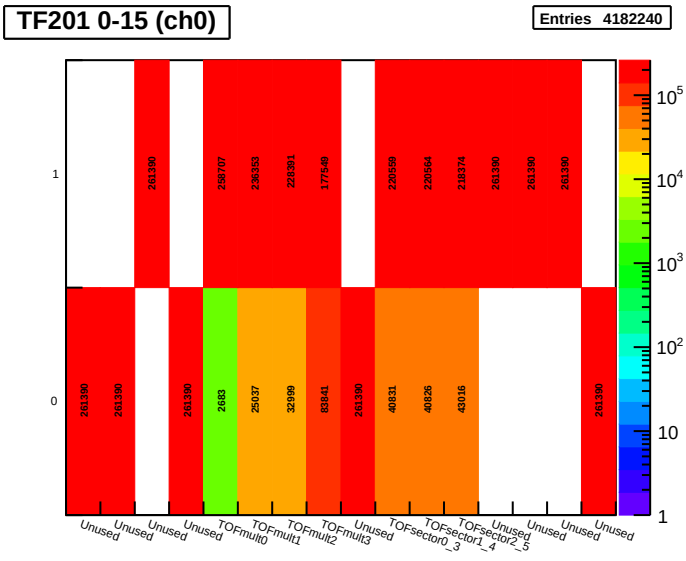

Entries 261390
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1


Entries 261390
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}


Entries 261390
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1


Laser Input Bits
Entries 261390
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 4182240
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
261390
261390
261390
261390
261390
261390
261390
261390
261390
261390
261390
261390
261390
261390
261389
261383
1
7
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 4182240
261390 261390 261390