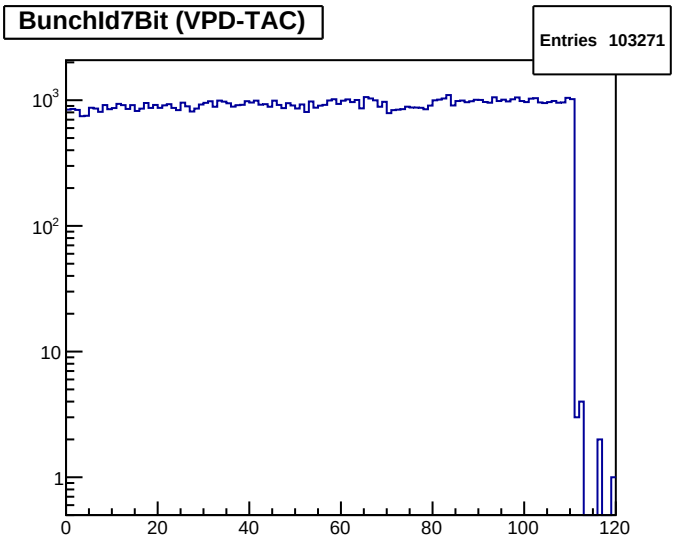
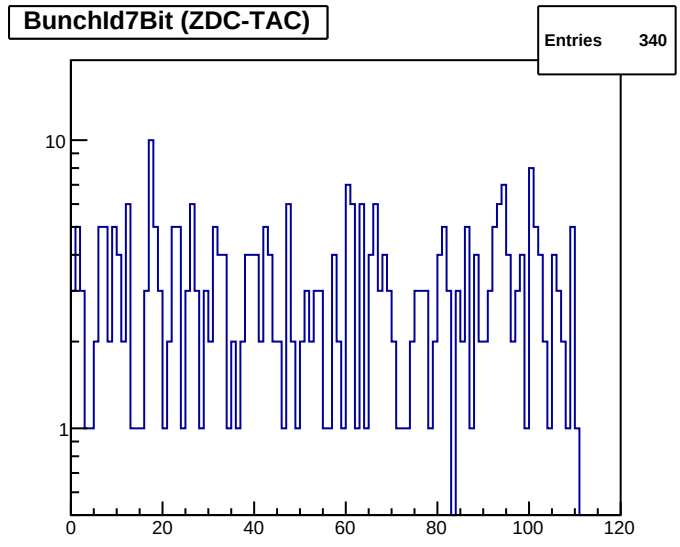
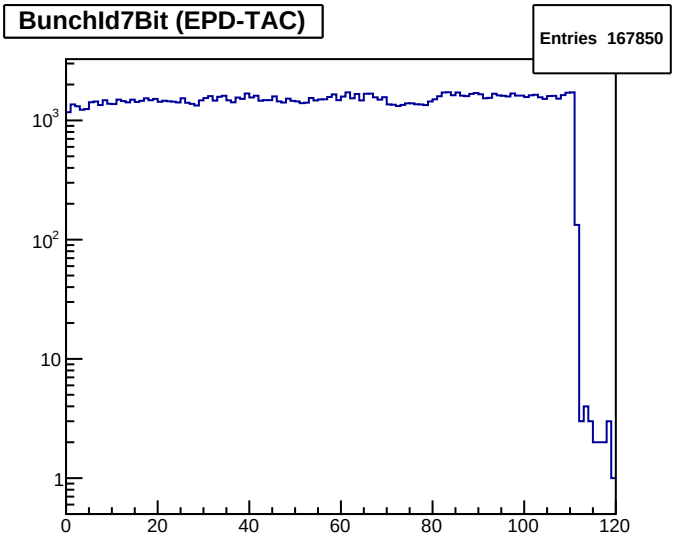
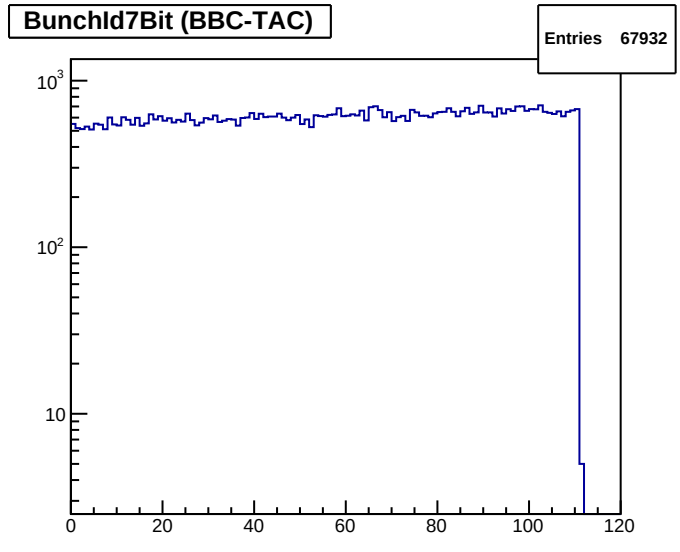
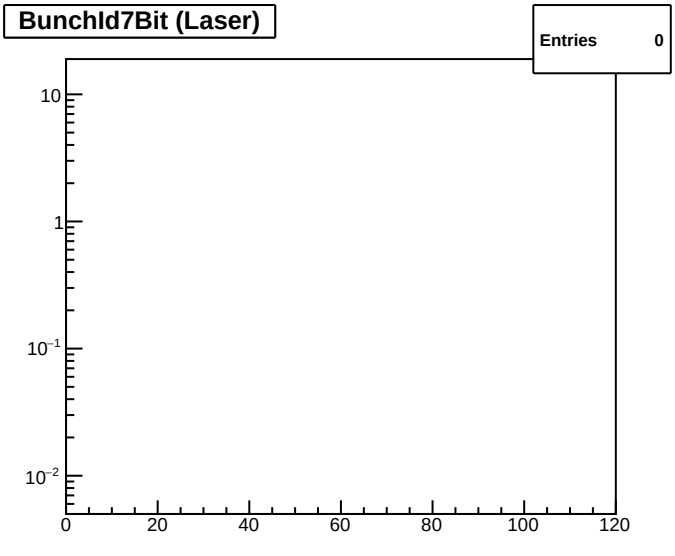
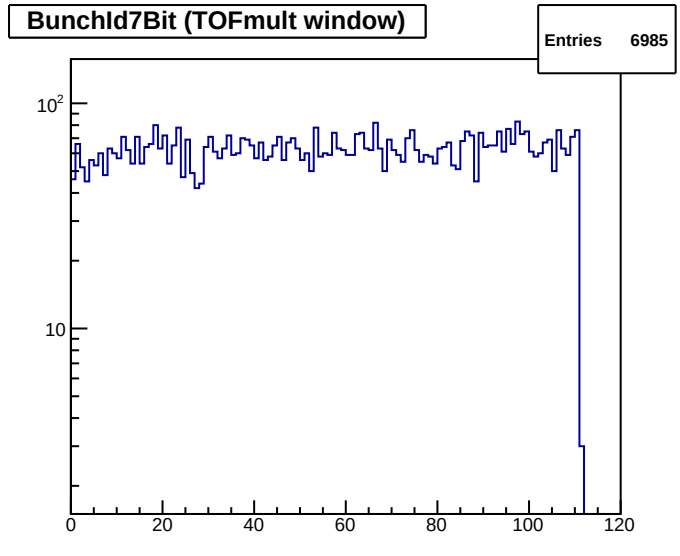

BunchId7Bit (VPD-TAC)
Entries 103271

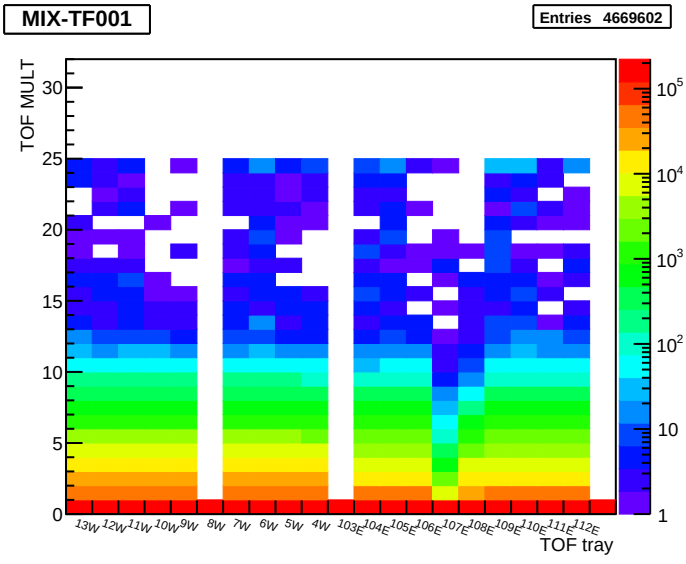

BunchId7Bit (ZDC-TAC)
Entries 340

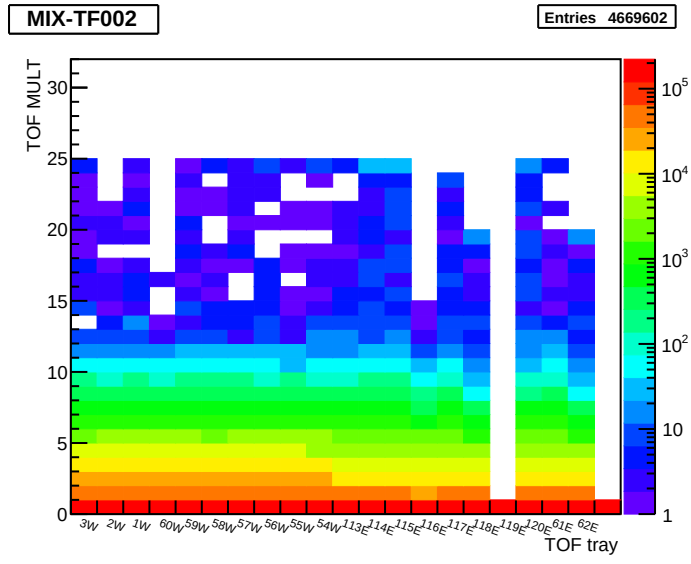

BunchId7Bit (EPD-TAC)
Entries 167850

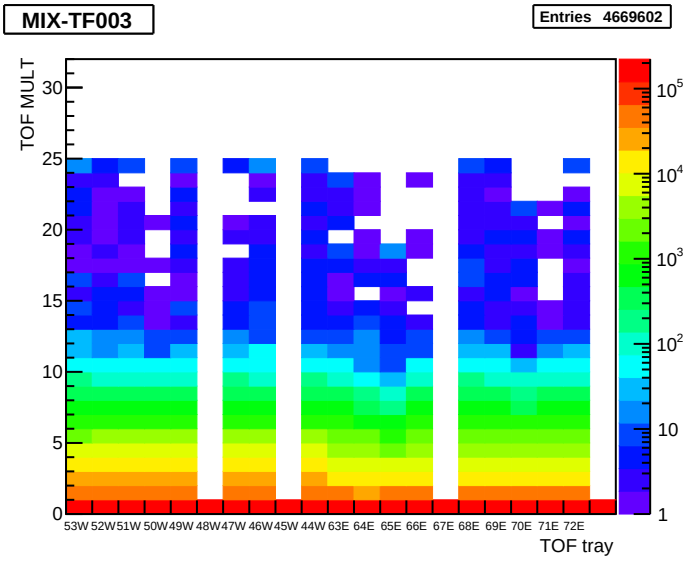

BunchId7Bit (BBC-TAC)
Entries 67932

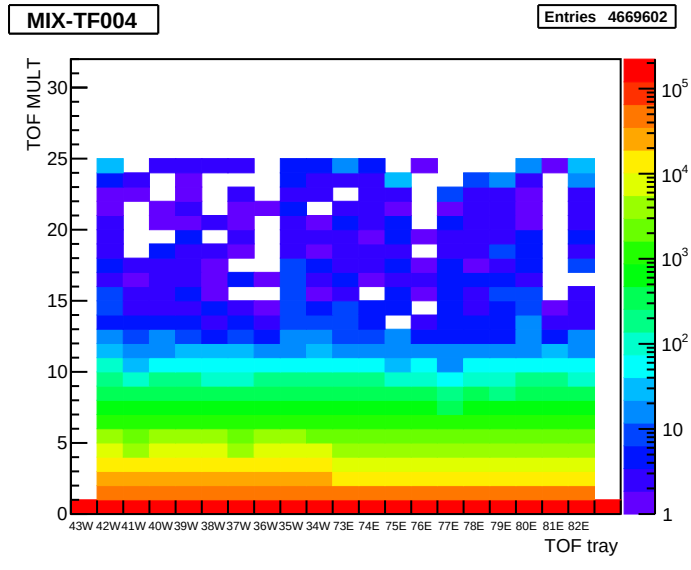

BunchId7Bit (Laser)
Entries 0

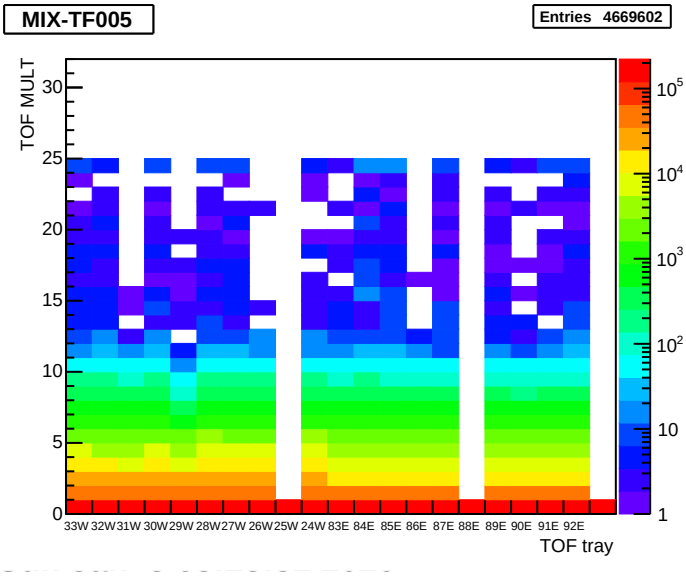

BunchId7Bit (TOFmult window)
Entries 6985

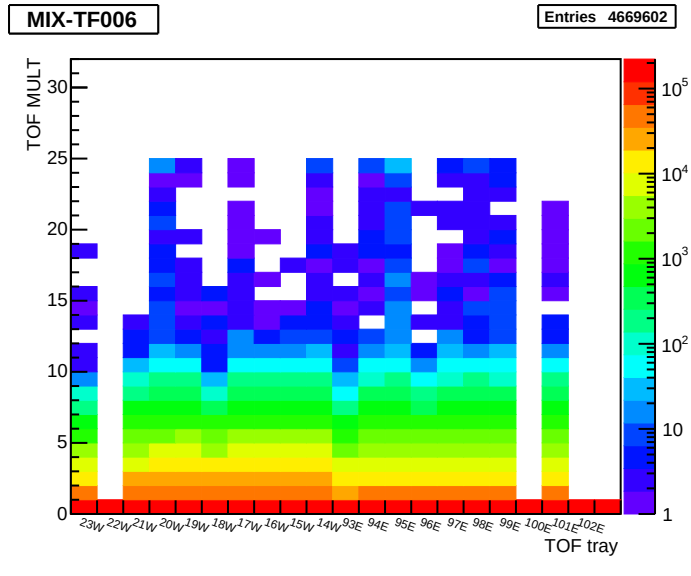

MIX-TF001
Entries 4669602
TOF MULT
TOF tray

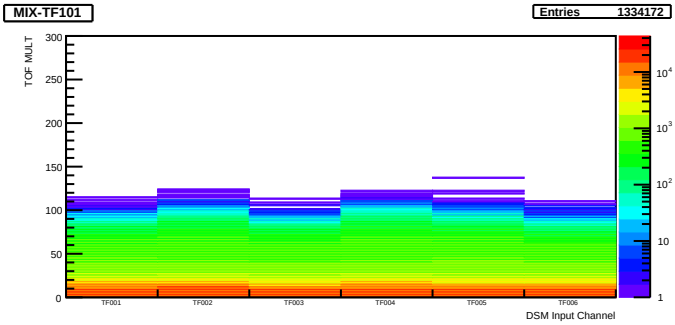

MIX-TF002
Entries 4669602
TOF MULT
TOF tray

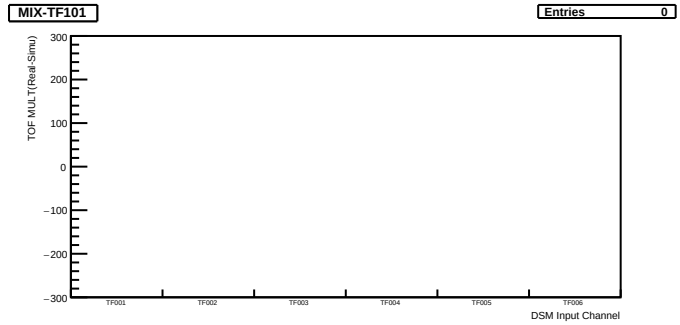

MIX-TF003
Entries 4669602
TOF MULT
TOF tray

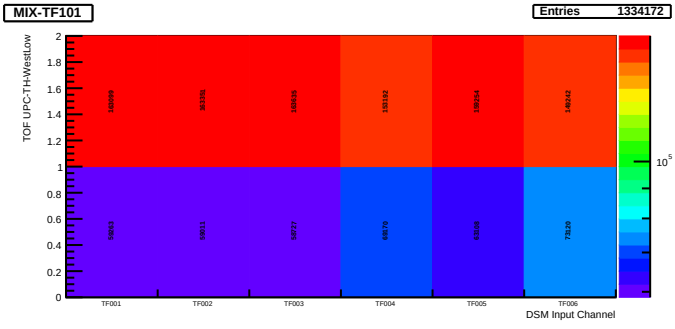

MIX-TF004
Entries 4669602
TOF MULT
TOF tray

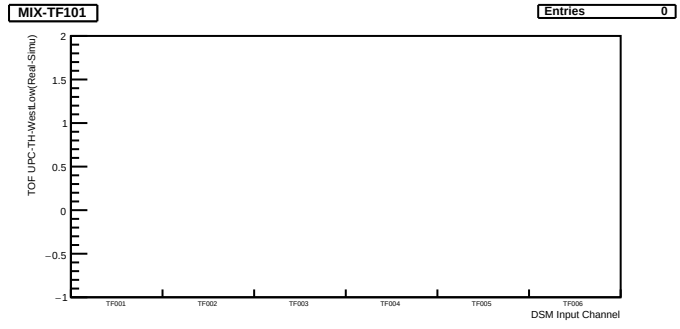

MIX-TF005
Entries 4669602
TOF MULT
TOF tray

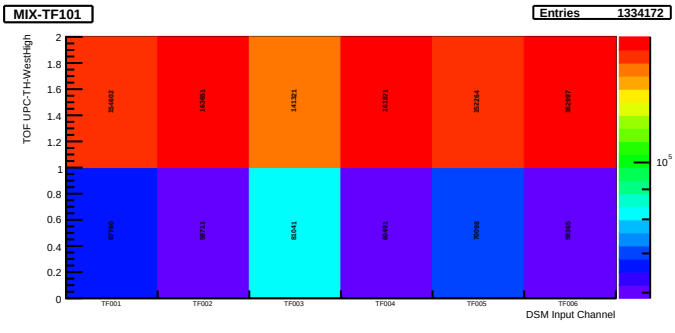

MIX-TF006
Entries 4669602
TOF MULT
TOF tray

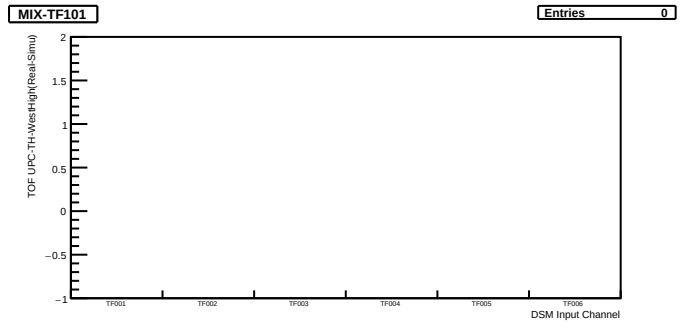

MIX-TF101
Entries 1334172
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

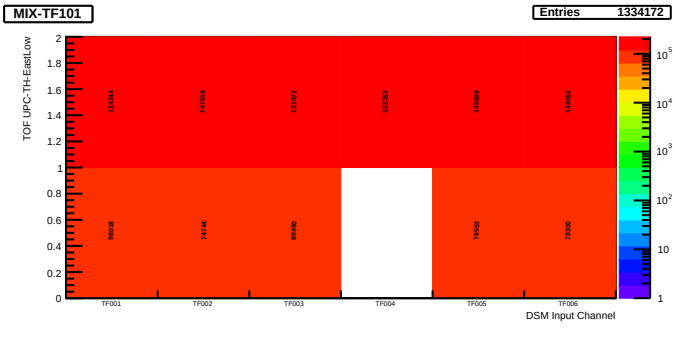

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

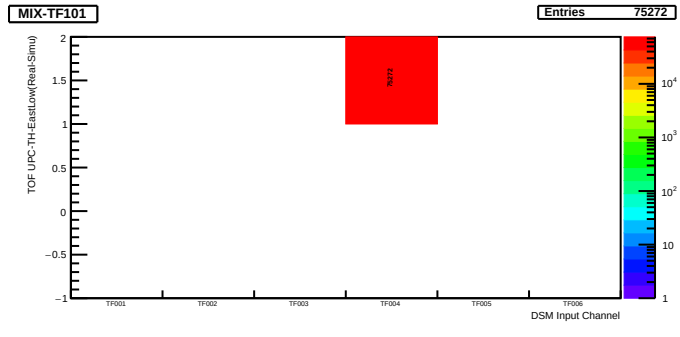

MIX-TF101
Entries 1334172
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

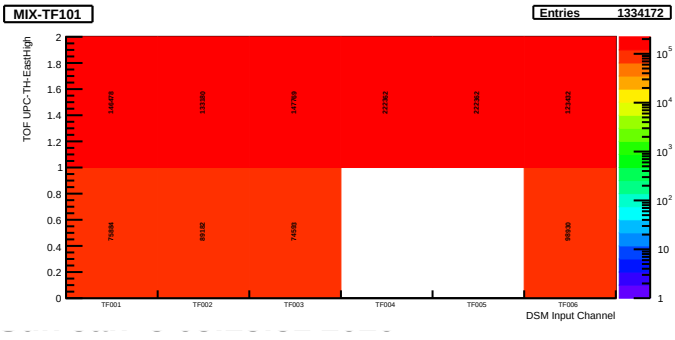

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

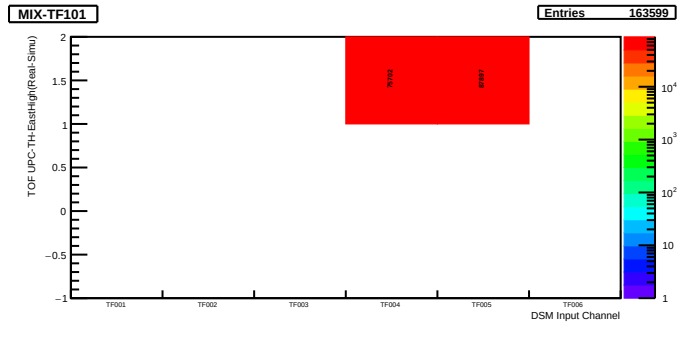

MIX-TF101
Entries 1334172
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

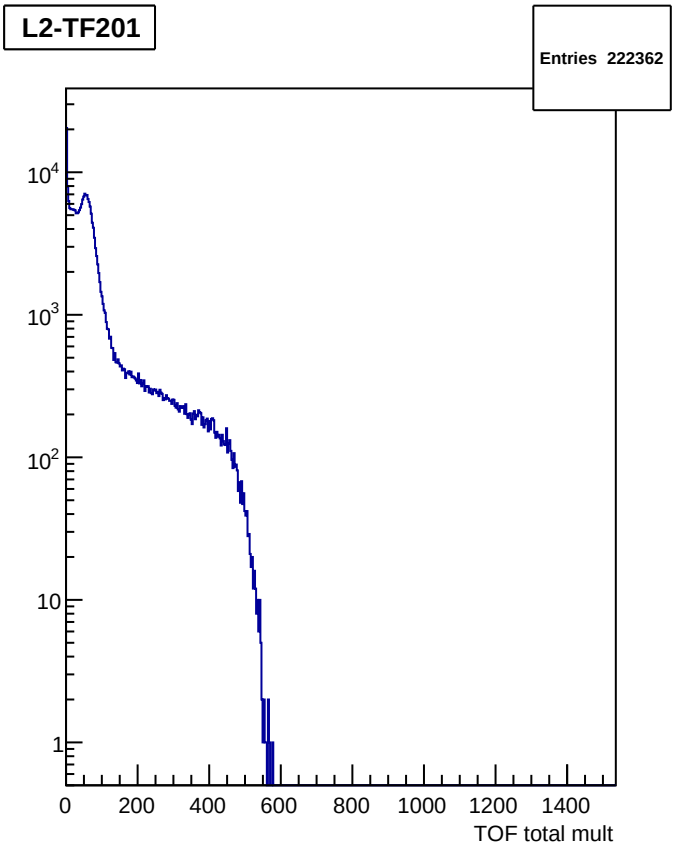

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

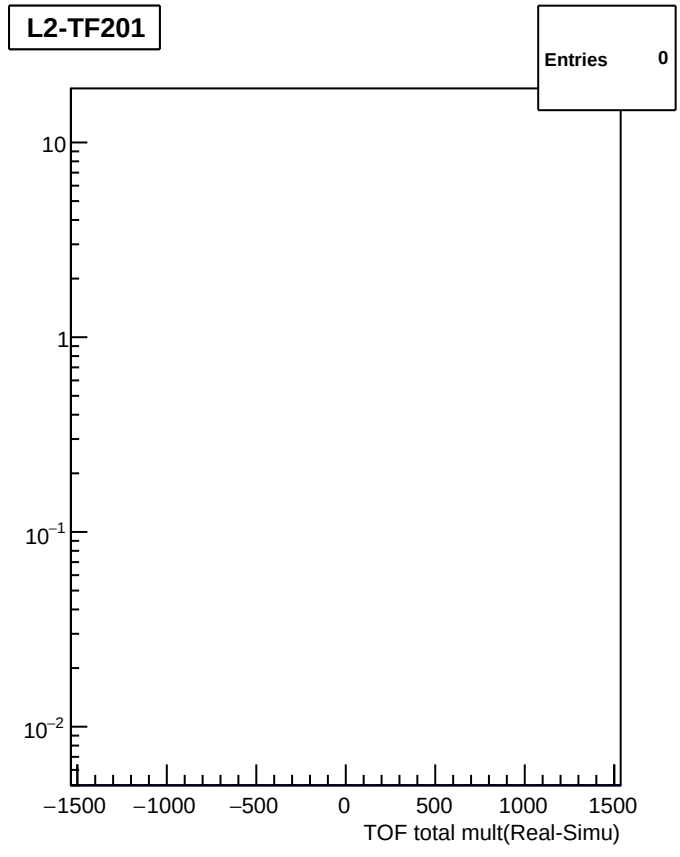

MIX-TF101
Entries 1334172
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

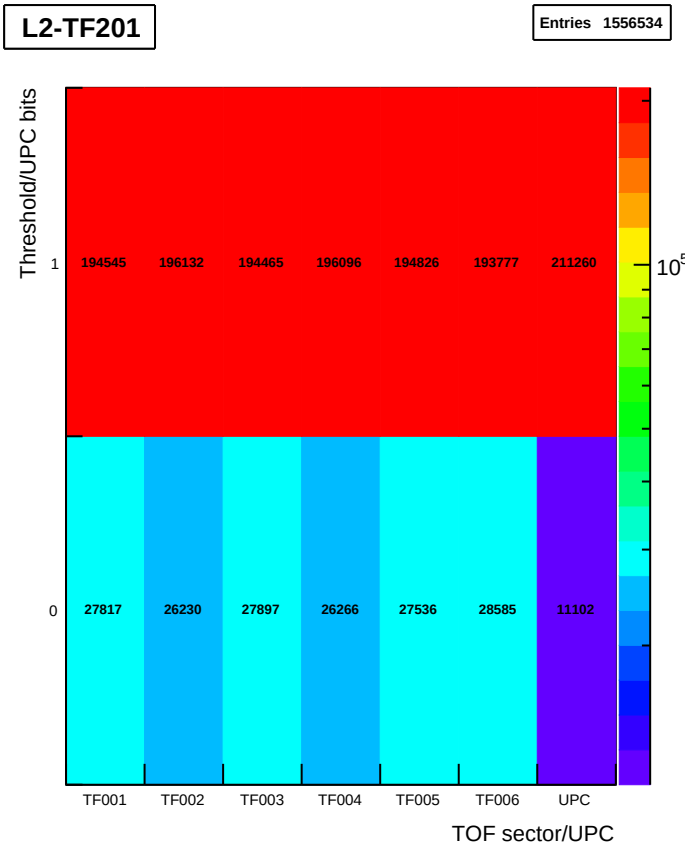

MIX-TF101
Entries 75272
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

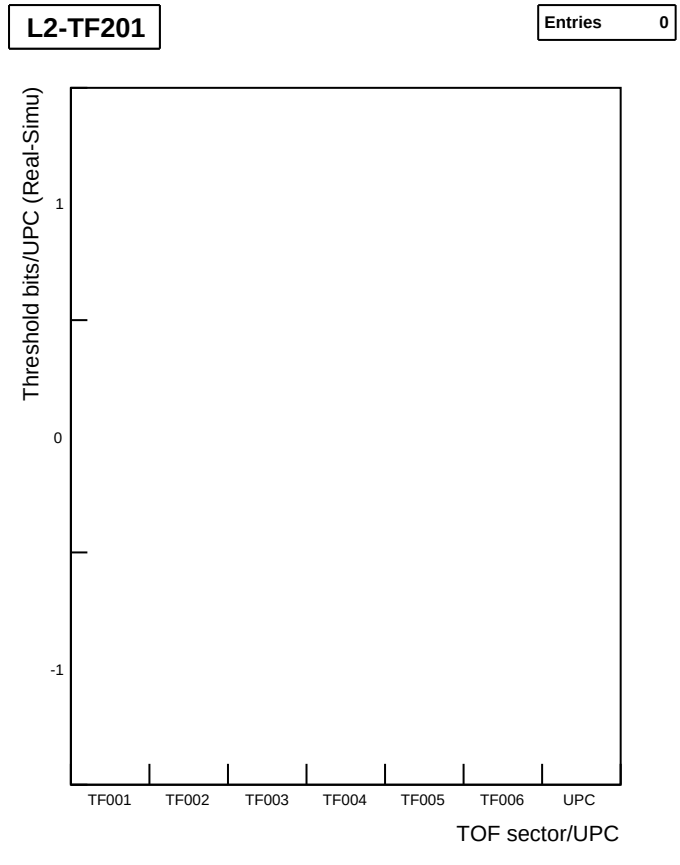

MIX-TF101
Entries 1334172
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

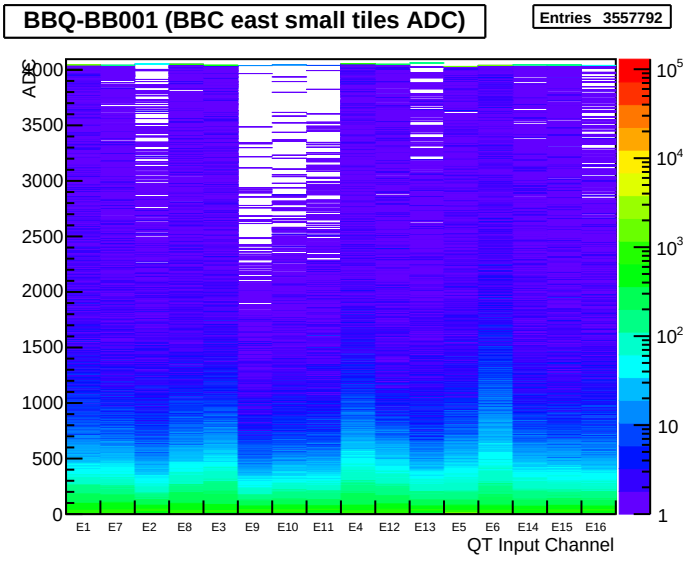

MIX-TF101
Entries 163599
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

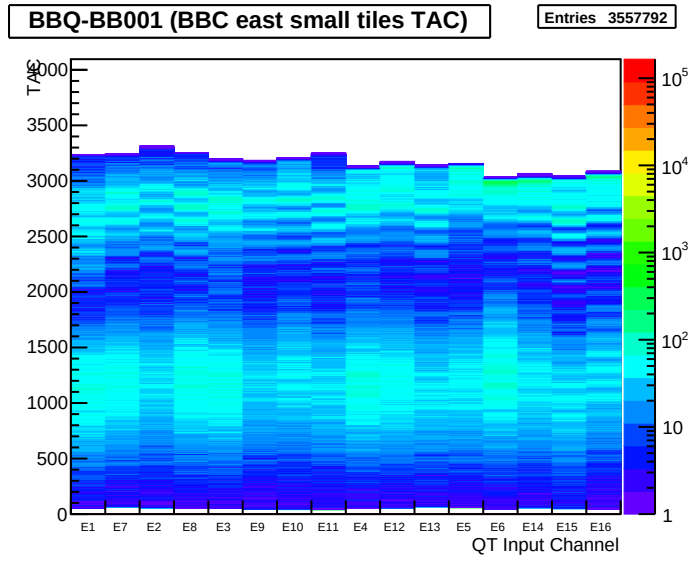

L2-TF201
Entries 222362
TOF total mult

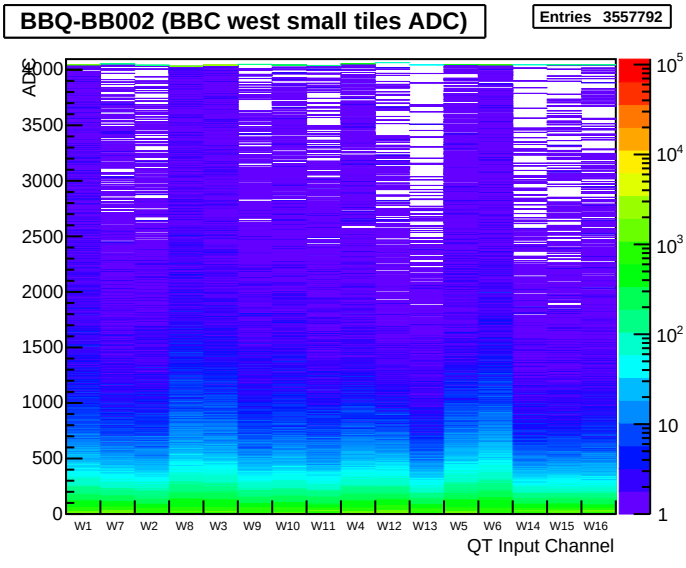

L2-TF201
Entries 0
TOF total mult(Real-Simu)

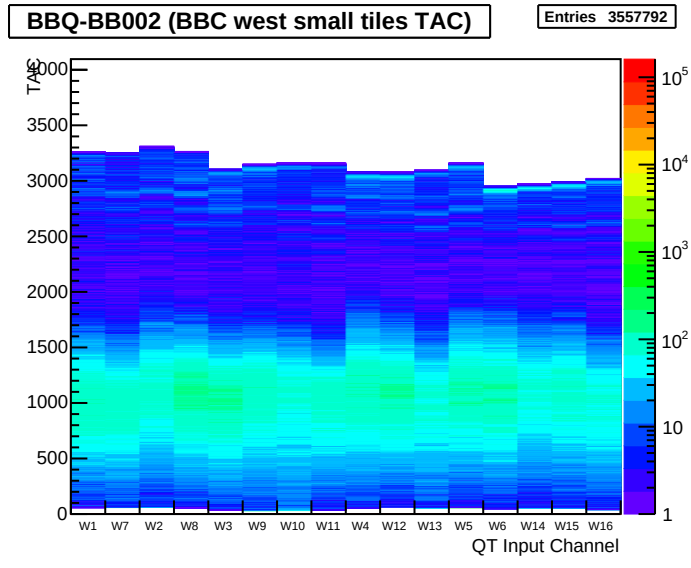

L2-TF201
Entries 1556534
Threshold/UPC bits
194545
196132
194465
196096
194826
193777
211260
27817
26230
27897
26266
27536
28585
11102
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

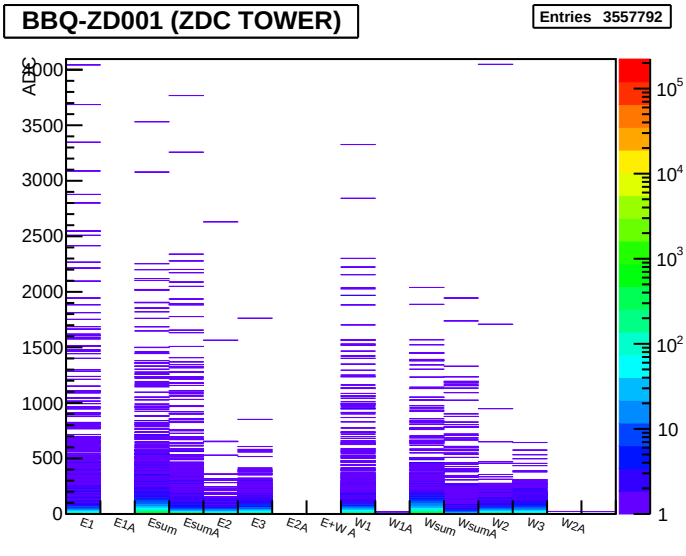

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

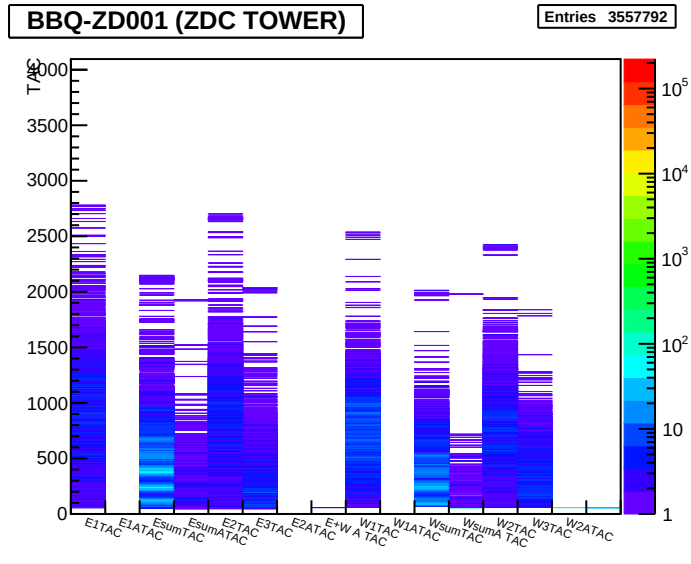

BBQ-BB001 (BBC east small tiles ADC)
Entries 3557792
ADC
QT Input Channel

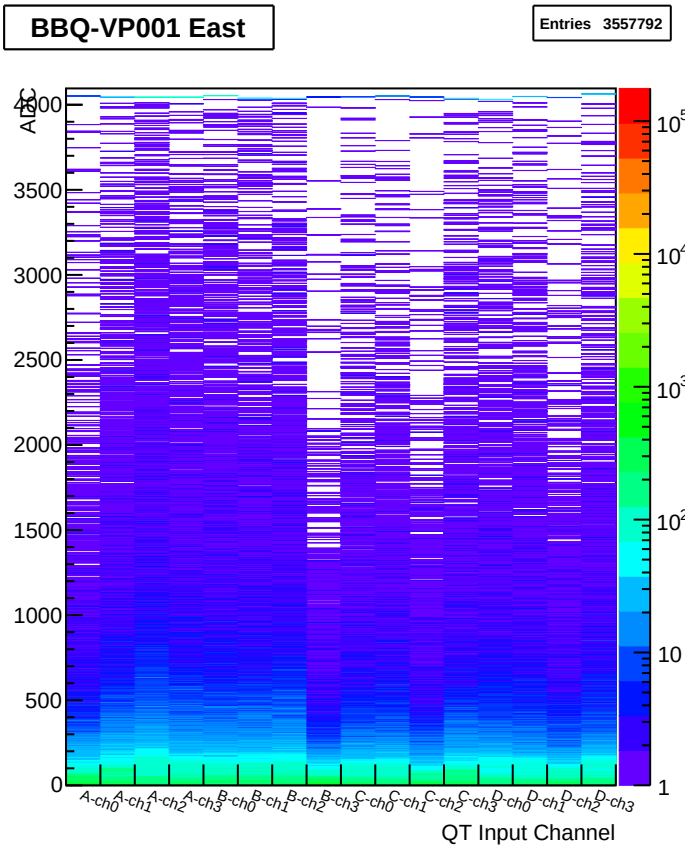

BBQ-BB001 (BBC east small tiles TAC)
Entries 3557792
TAC
QT Input Channel

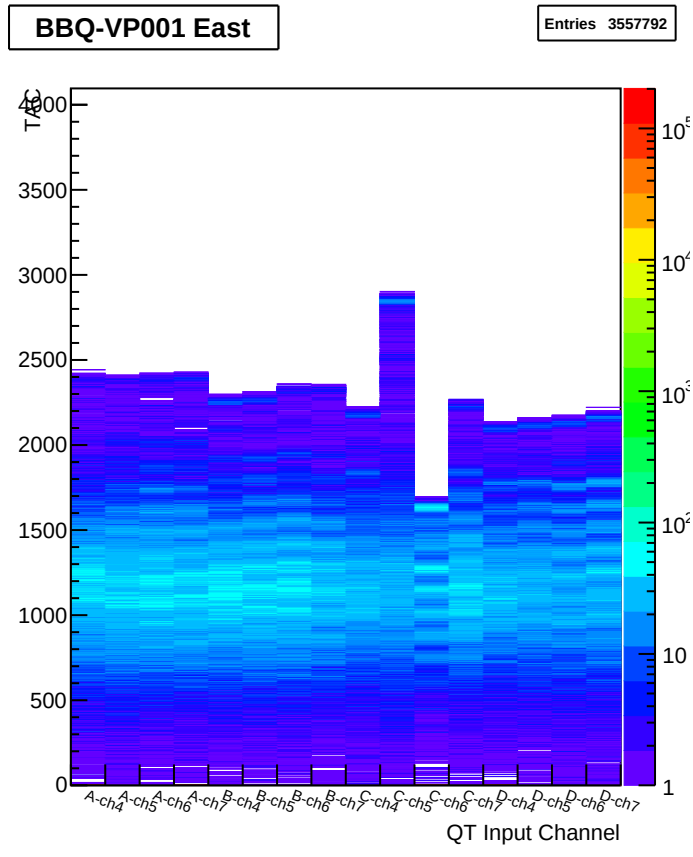

BBQ-BB002 (BBC west small tiles ADC)
Entries 3557792
ADC
QT Input Channel

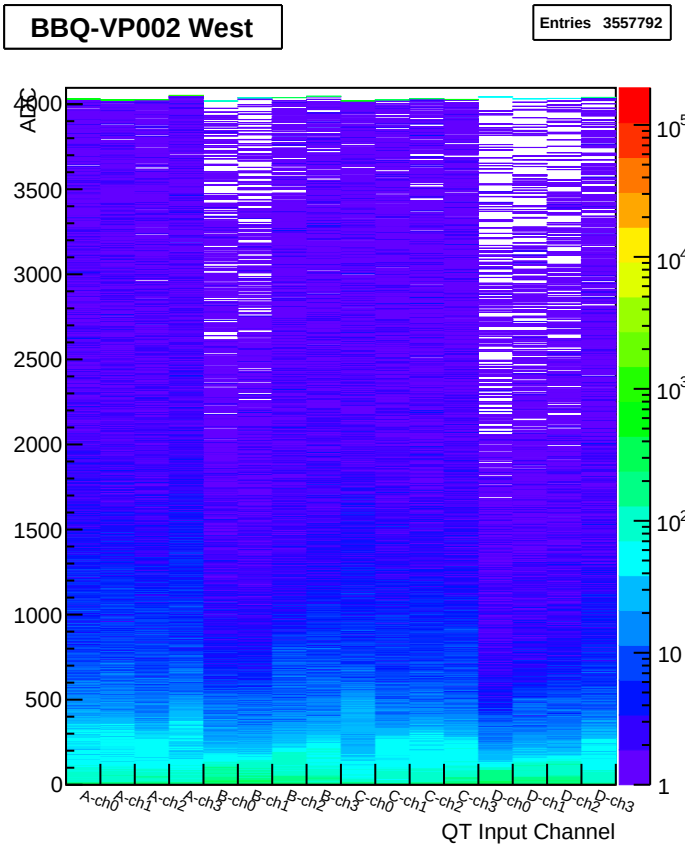

BBQ-BB002 (BBC west small tiles TAC)
Entries 3557792
TAC
QT Input Channel

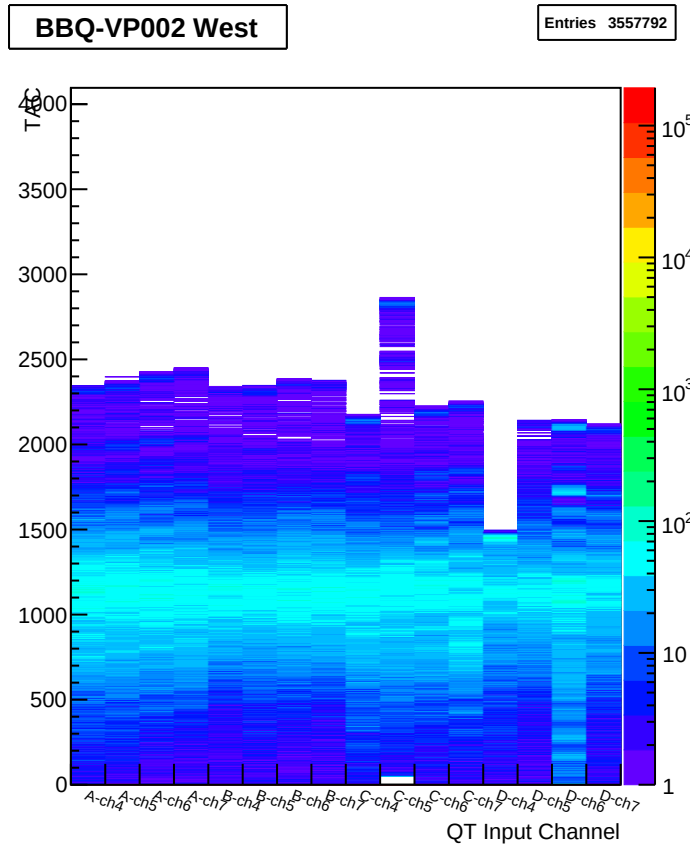

BBQ-ZD001 (ZDC TOWER)
Entries 3557792
ADC

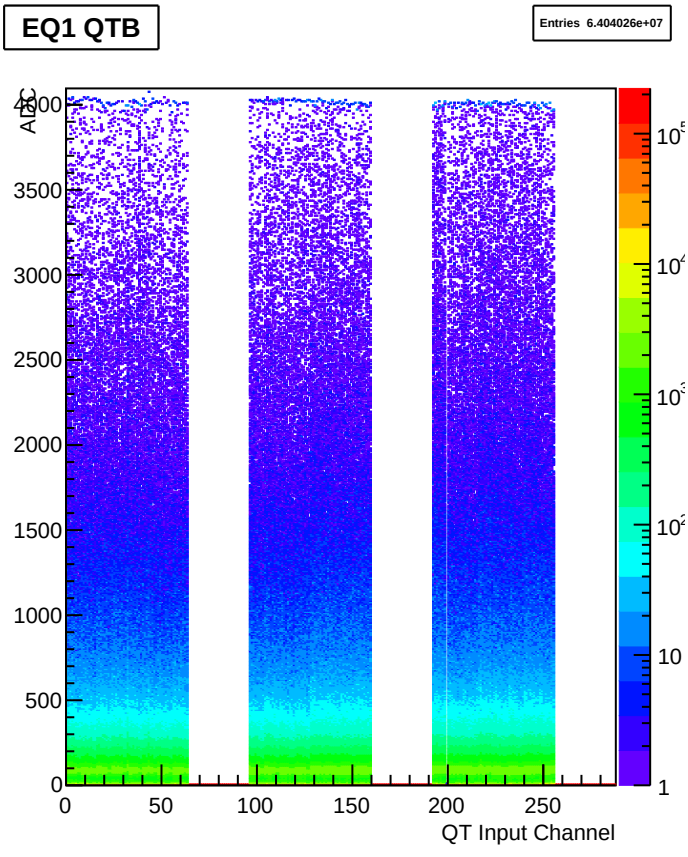

BBQ-ZD001 (ZDC TOWER)
Entries 3557792
TAC

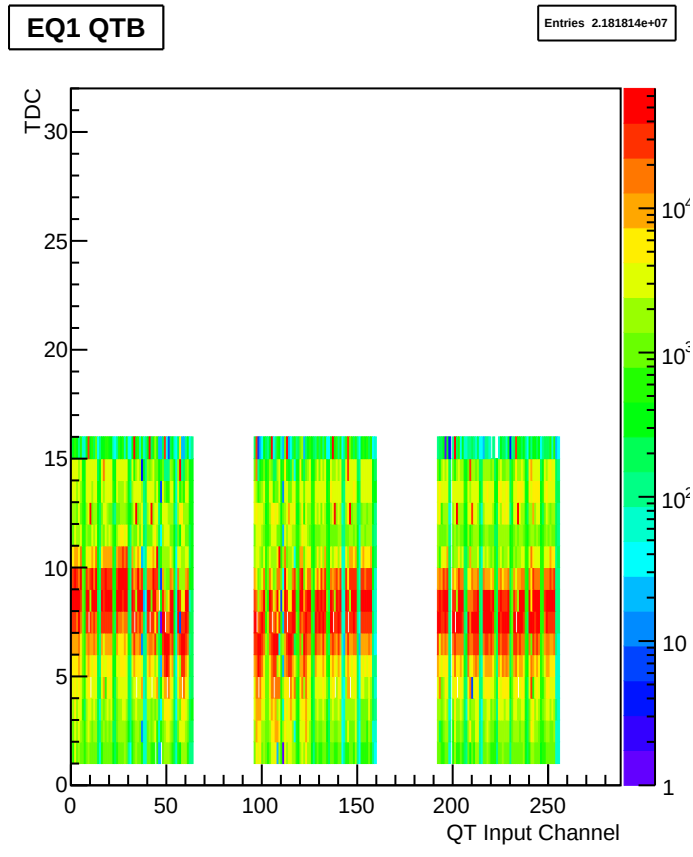

BBQ-VP001 East
Entries 3557792
ADC
QT Input Channel

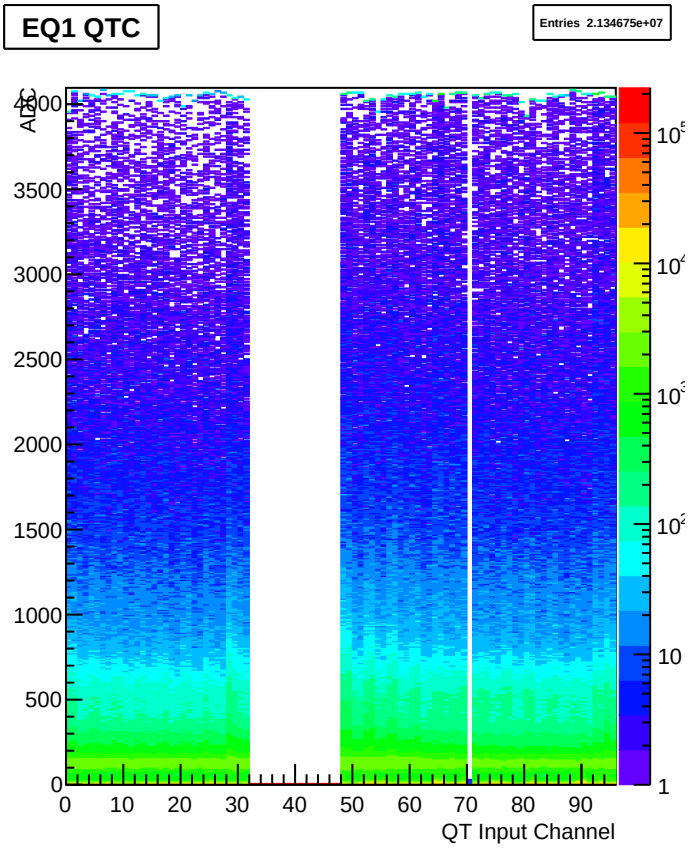

BBQ-VP001 East
Entries 3557792
TADC
QT Input Channel

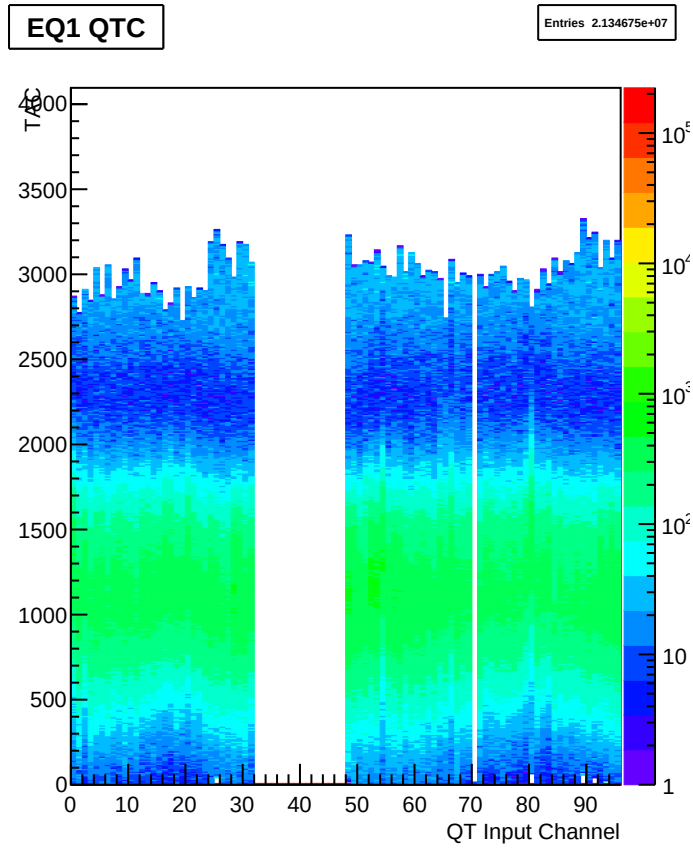

BBQ-VP002 West
Entries 3557792
ADC
QT Input Channel

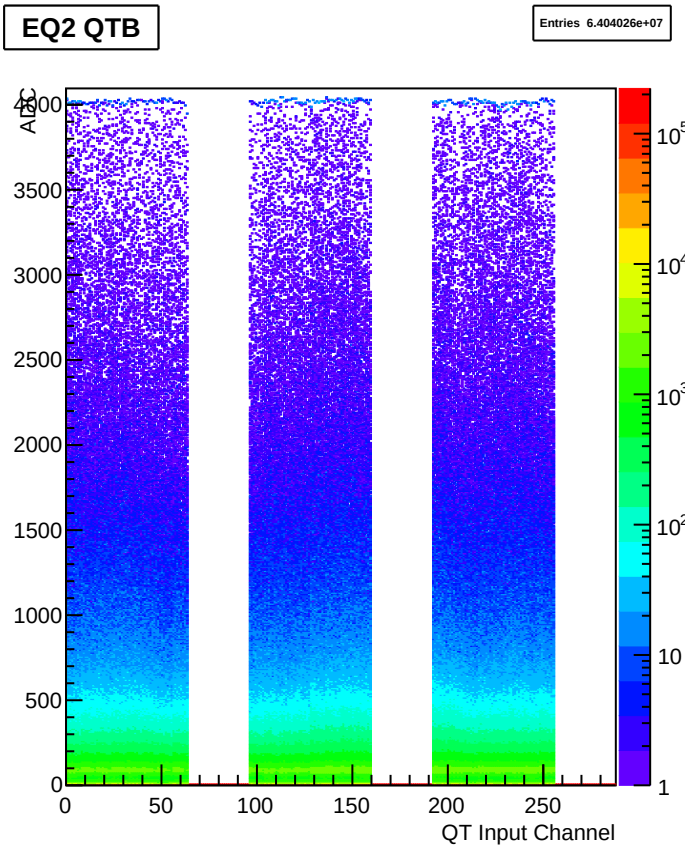

BBQ-VP002 West
Entries 3557792
TADC
QT Input Channel

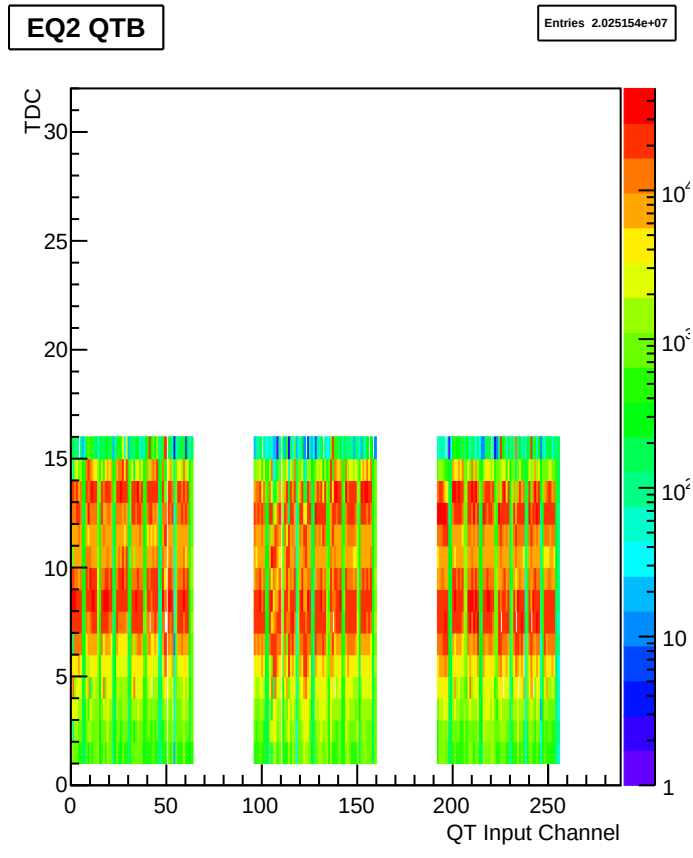

EQ1 QTB
Entries 6.404026e+07
ADC
QT Input Channel

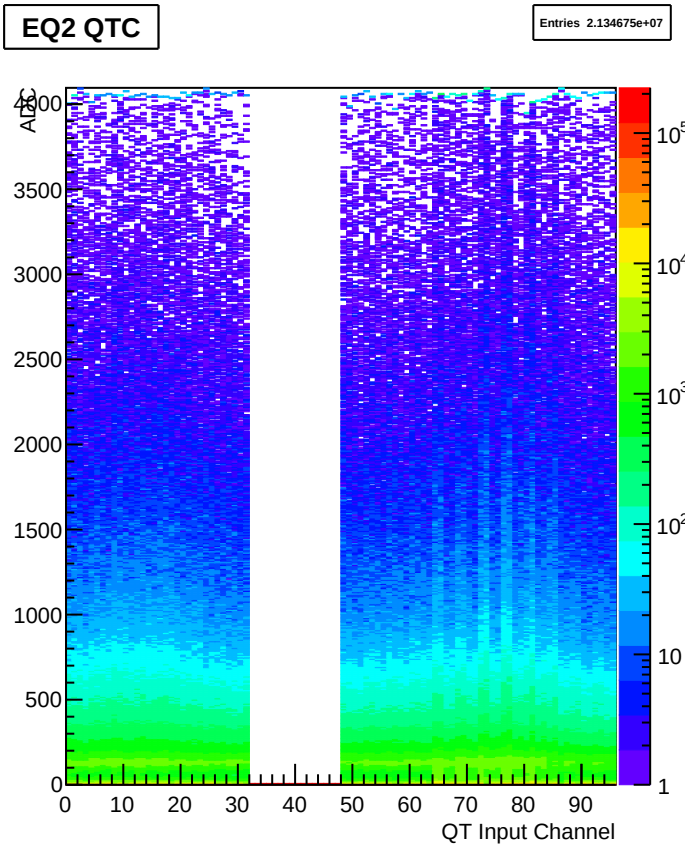

EQ1 QTB
Entries 2.181814e+07
TDC
QT Input Channel

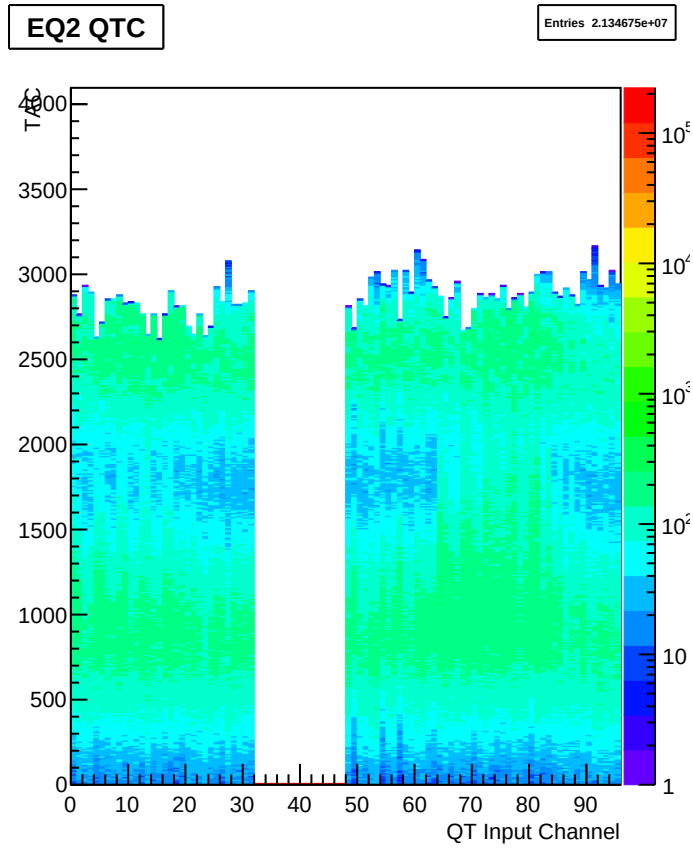

EQ1 QTC
Entries 2.134675e+07
ADC
QT Input Channel

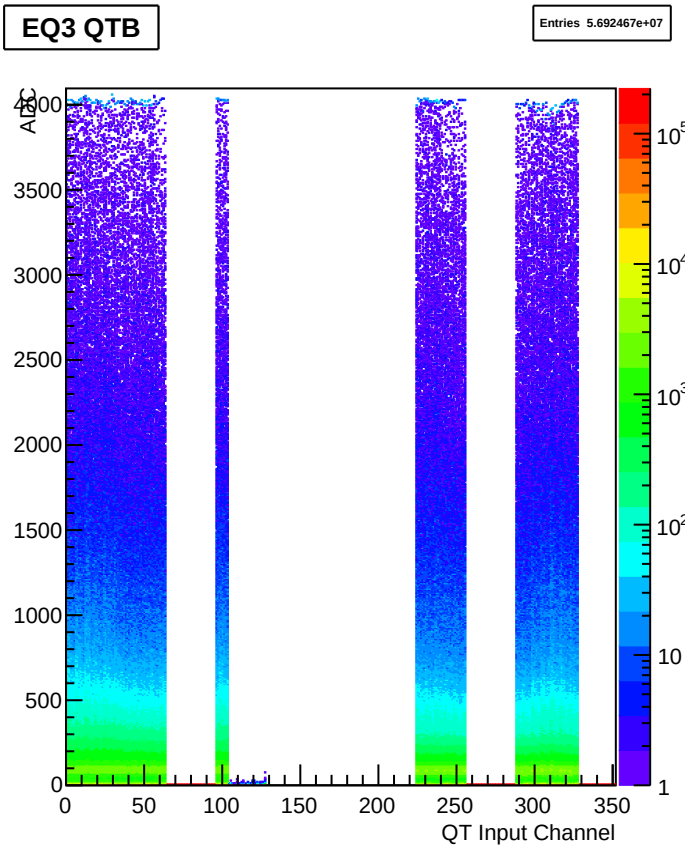

EQ1 QTC
Entries 2.134675e+07
TADC
QT Input Channel

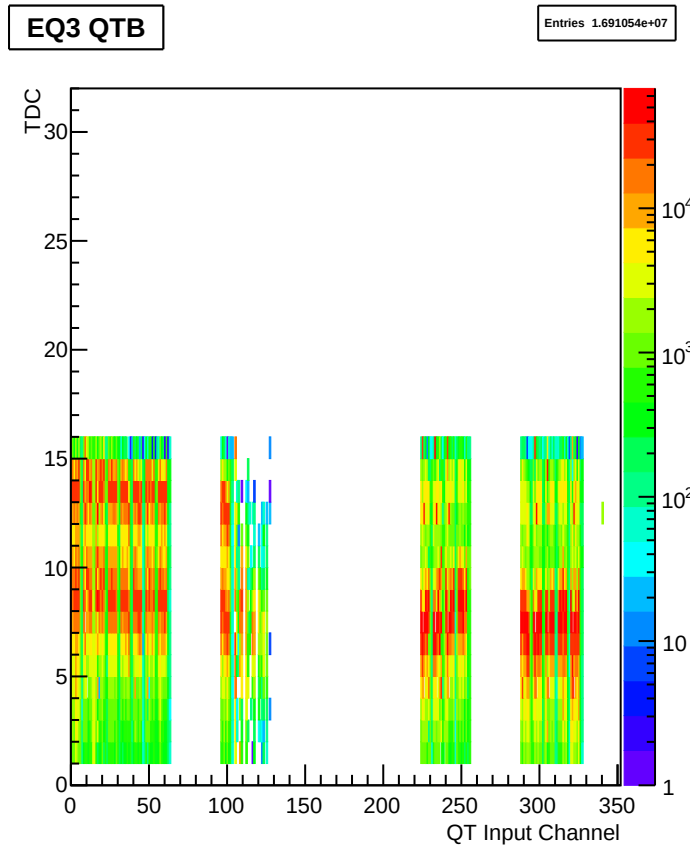

EQ2 QTB
Entries 6.404026e+07
ADC
QT Input Channel

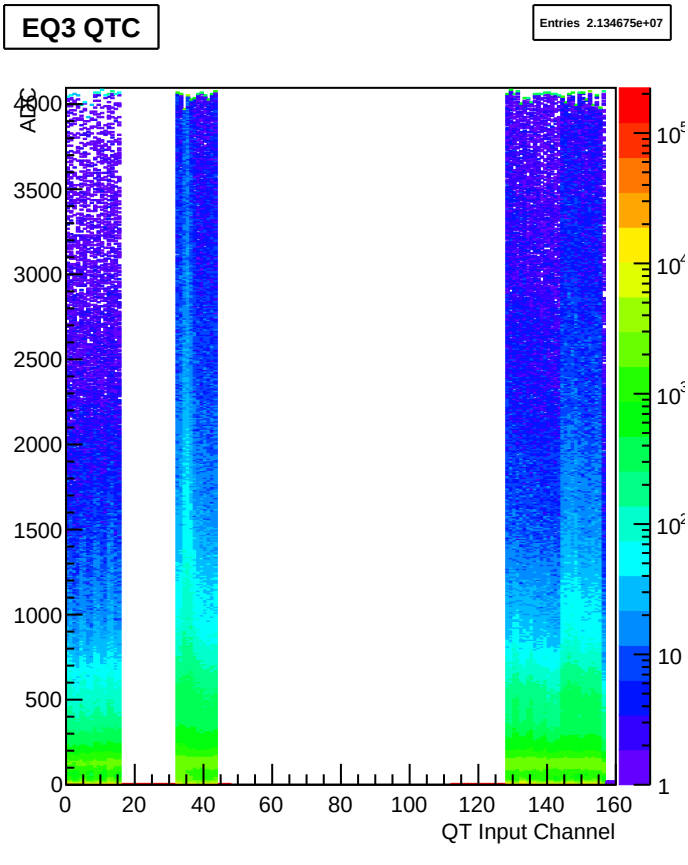

EQ2 QTB
Entries 2.025154e+07
TDC
QT Input Channel

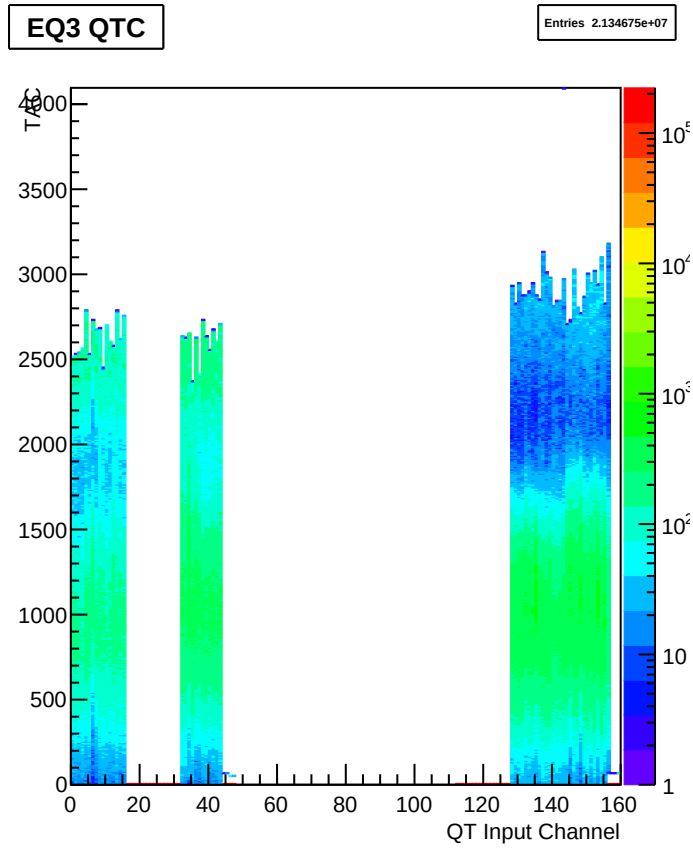

EQ2 QTC
Entries 2.134675e+07
ADC
QT Input Channel

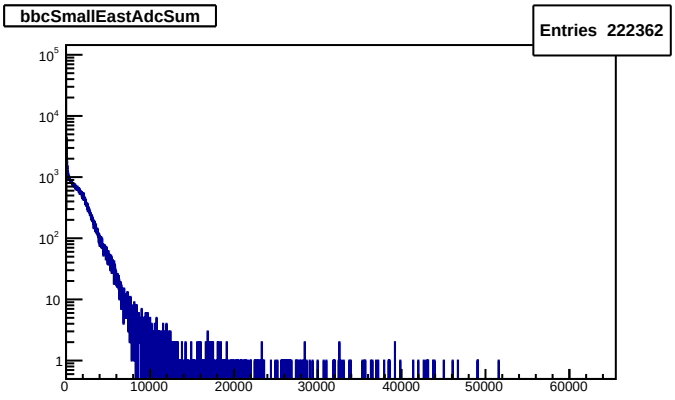

EQ2 QTC
Entries 2.134675e+07
TADC
QT Input Channel

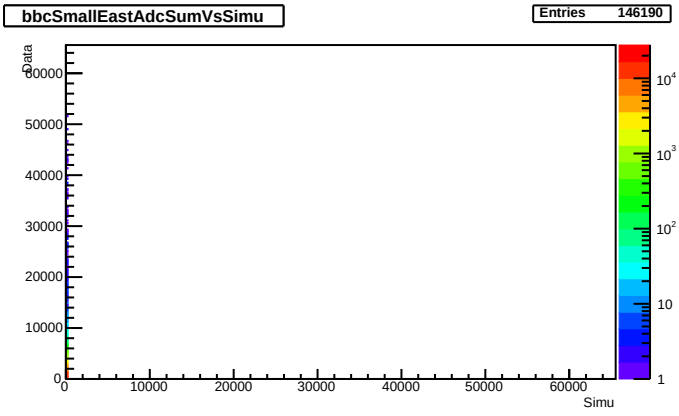

EQ3 QTB
Entries 5.692467e+07
ADC
QT Input Channel

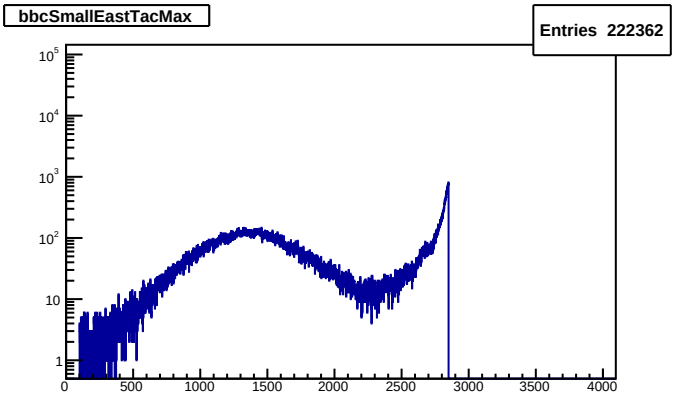

EQ3 QTB
Entries 1.691054e+07
TDC
QT Input Channel

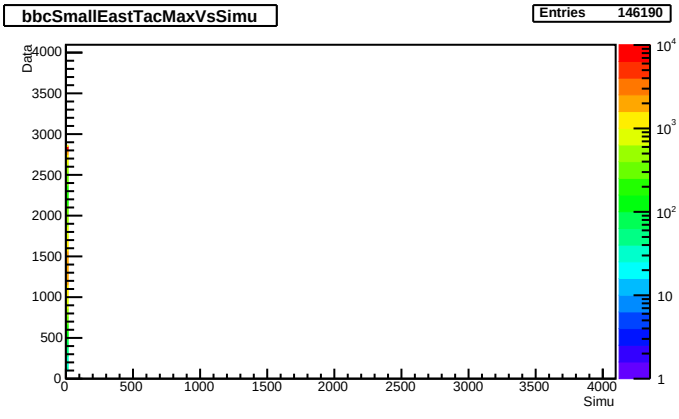

EQ3 QTC
Entries 2.134675e+07
ADC
QT Input Channel

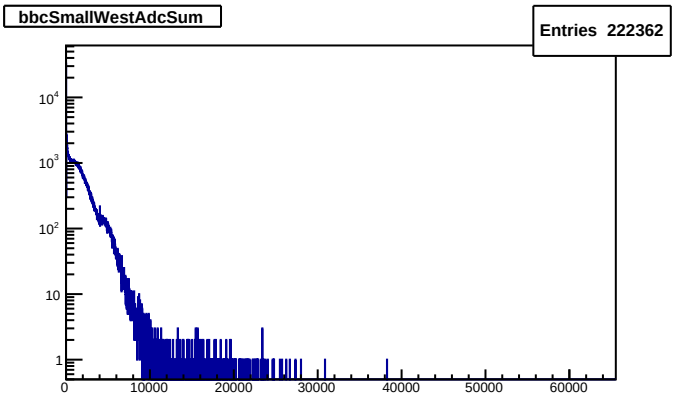

EQ3 QTC
Entries 2.134675e+07
TADC
QT Input Channel

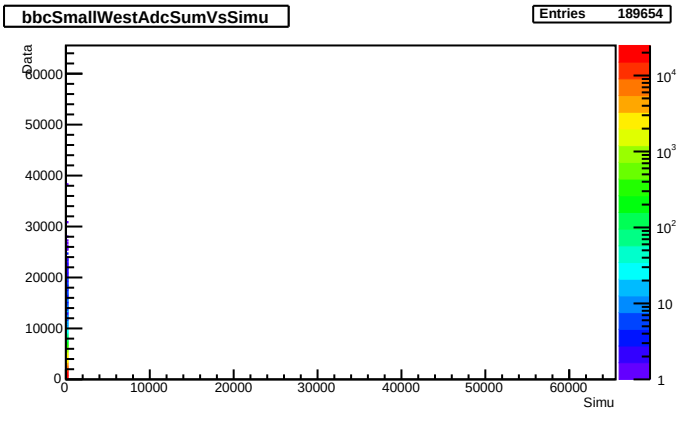

bbcSmallEastAdcSum
Entries 222362

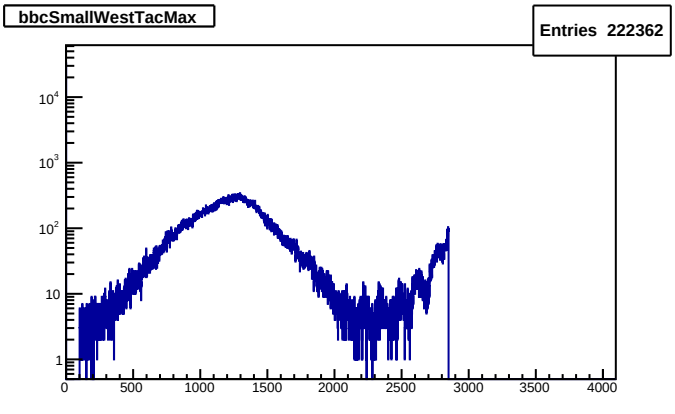

bbcSmallEastAdcSumVsSimu
Entries 146190
Data
Simu

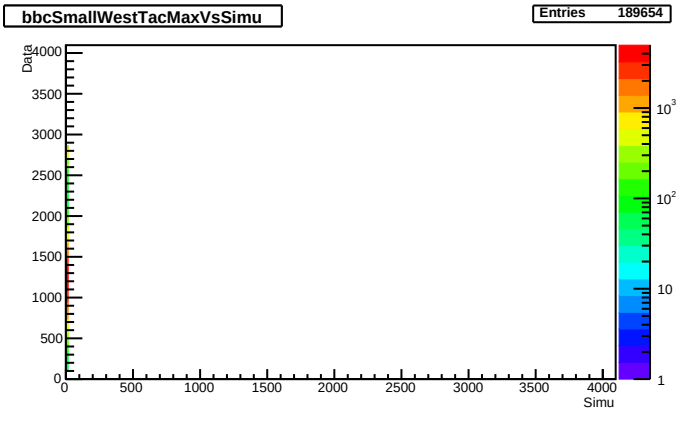

bbcSmallEastTacMax
Entries 222362

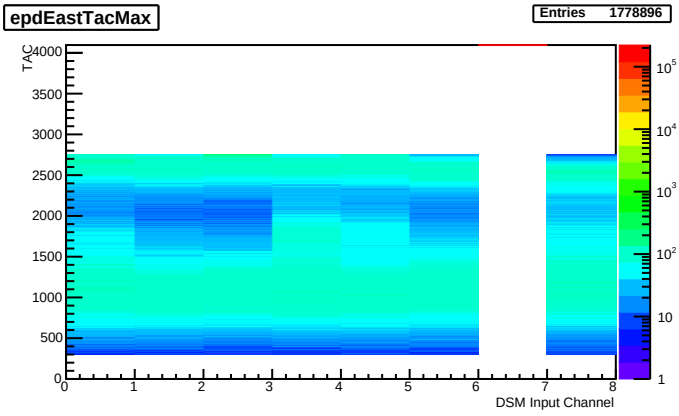

bbcSmallEastTacMaxVsSimu
Entries 146190
Data
Simu

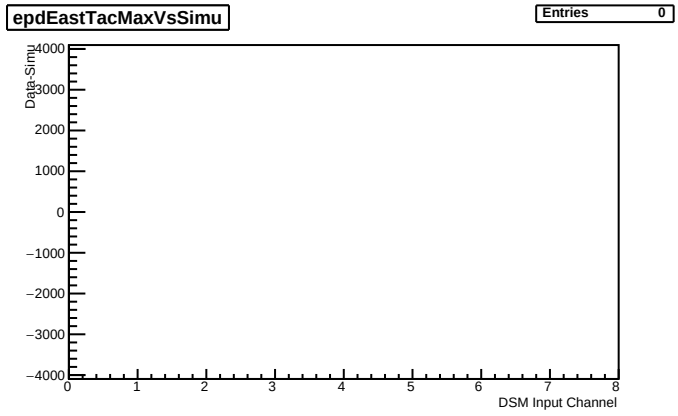

bbcSmallWestAdcSum
Entries 222362

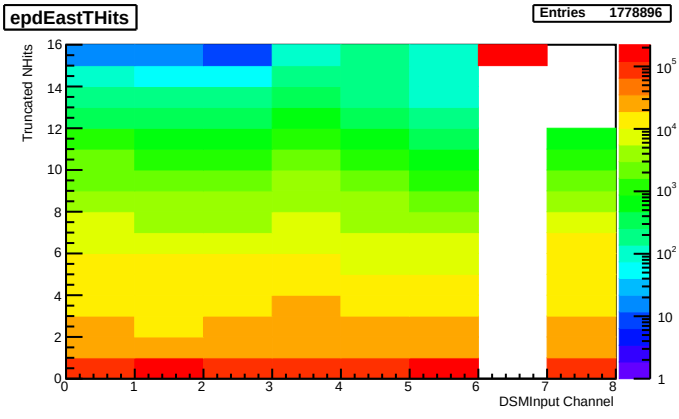

bbcSmallWestAdcSumVsSimu
Entries 189654
Data
Simu

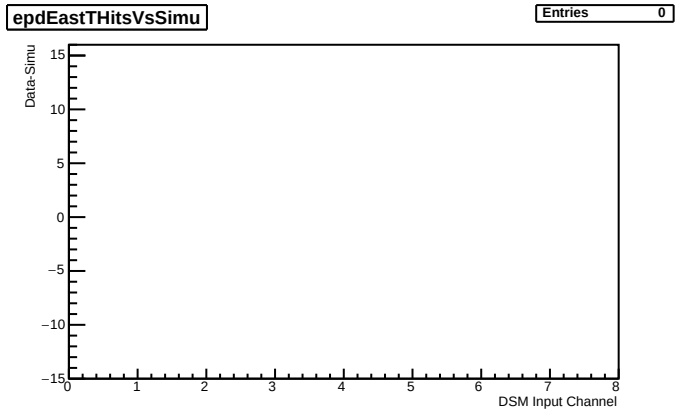

bbcSmallWestTacMax
Entries 222362

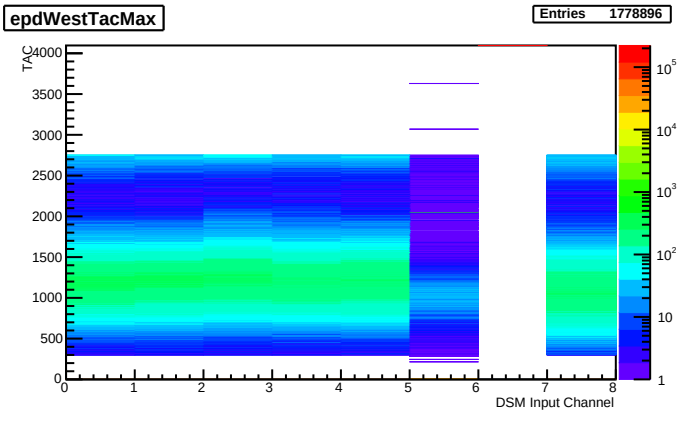

bbcSmallWestTacMaxVsSimu
Entries 189654
Data
Simu

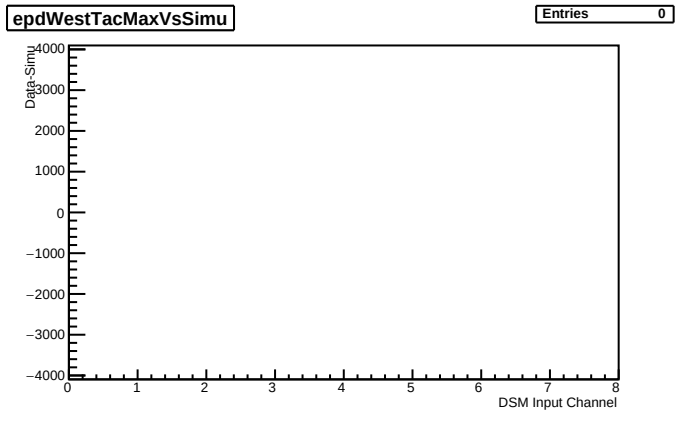

epdEastTacMax
Entries 1778896
TAC
DSM Input Channel

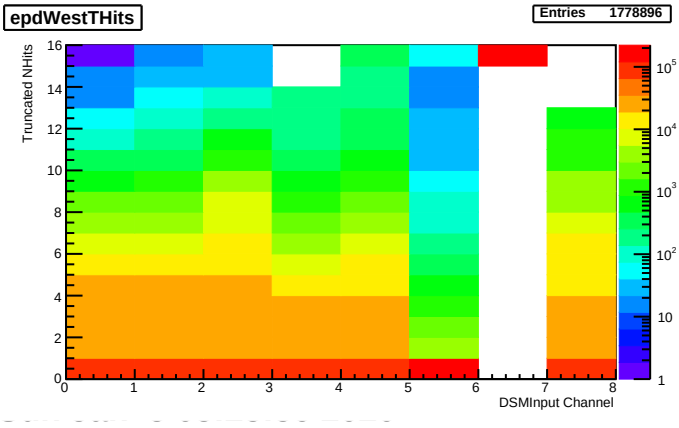

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

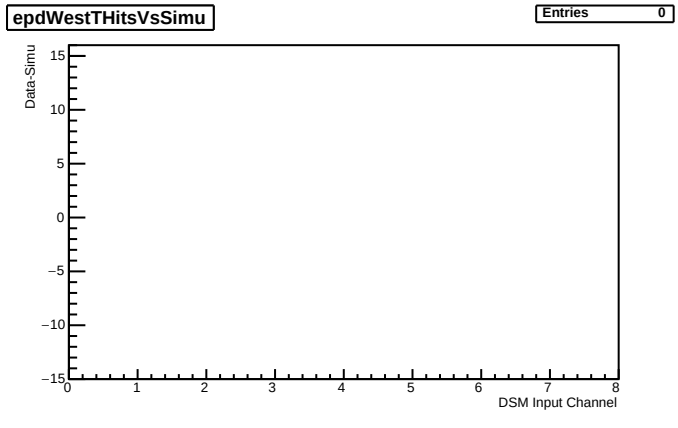

epdEastTHits
Entries 1778896
Truncated NHits
DSMInput Channel

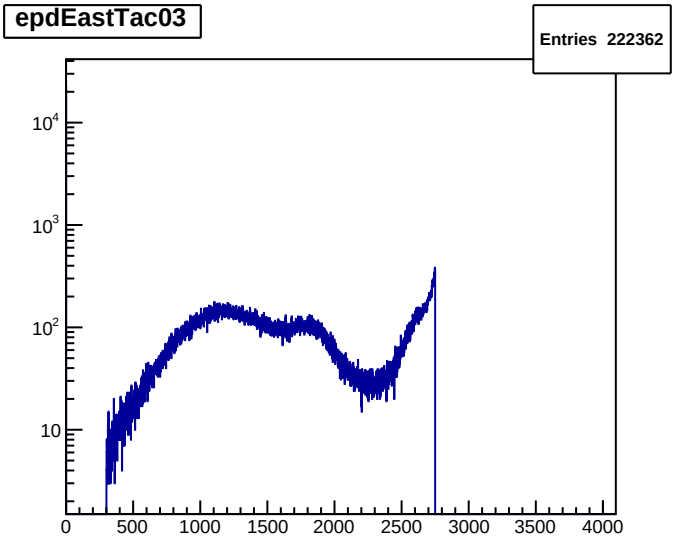

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

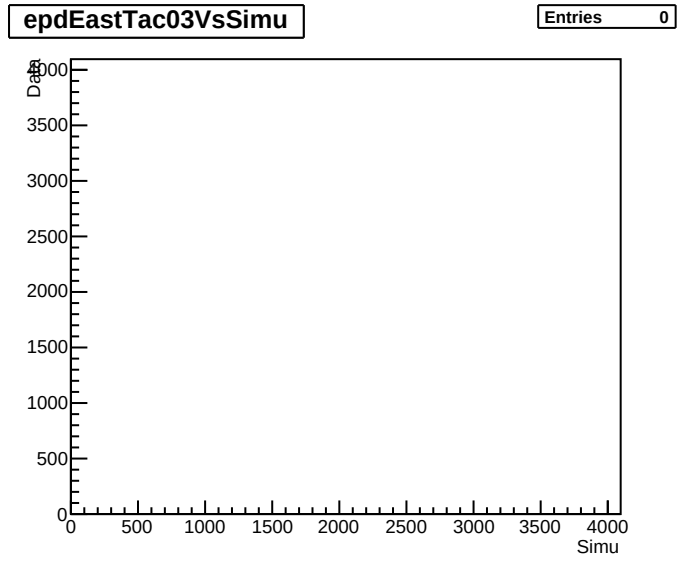

epdWestTacMax
Entries 1778896
TAC
DSM Input Channel

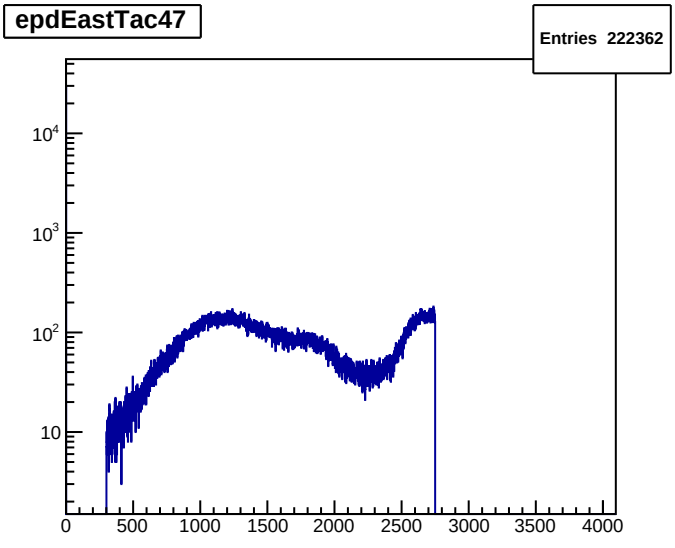

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

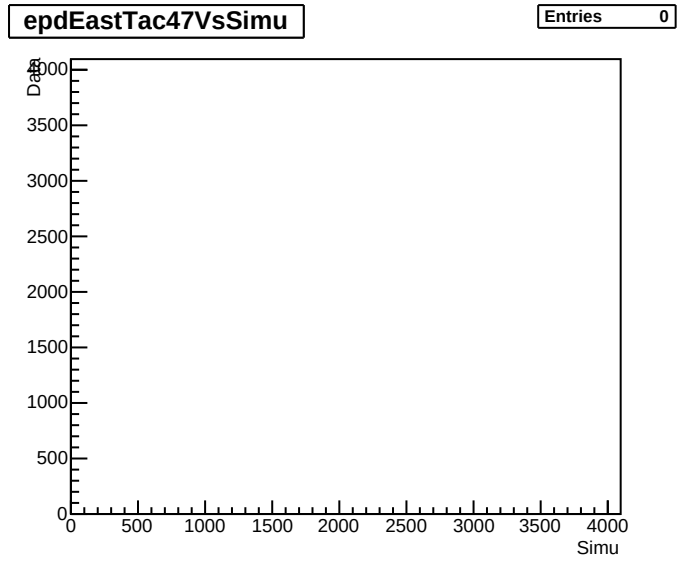

epdWestTHits
Entries 1778896
Truncated NHits
DSMInput Channel

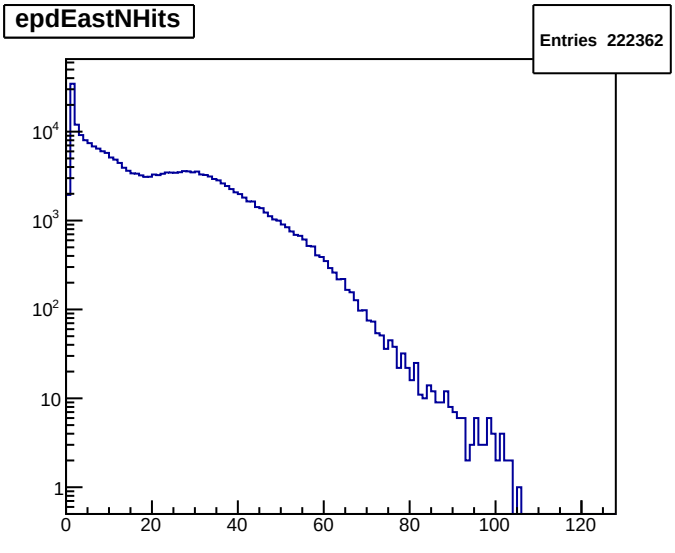

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

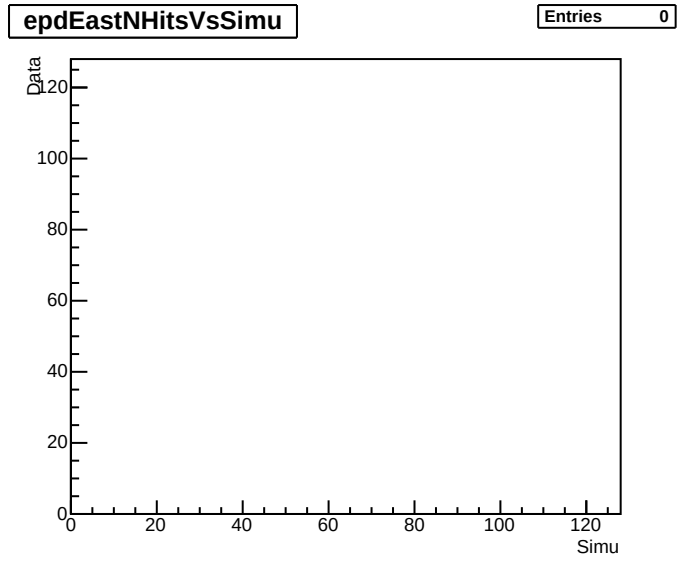

epdEastTac03
Entries 222362

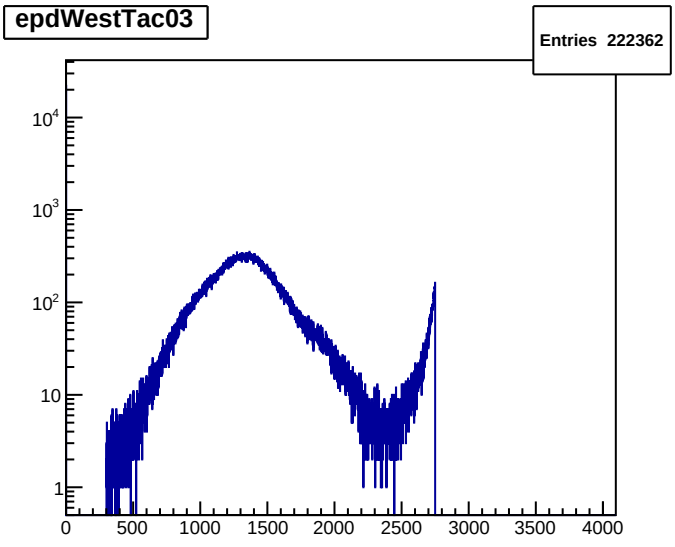

epdEastTac03VsSimu
Entries 0
Data
Simu

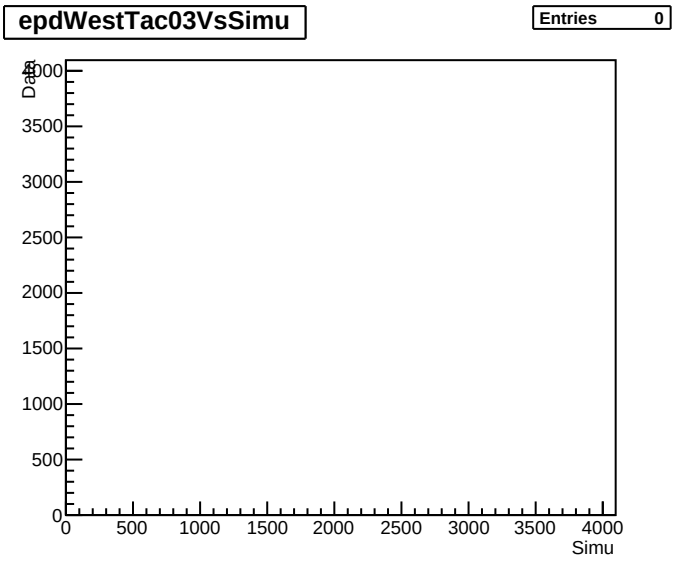

epdEastTac47
Entries 222362

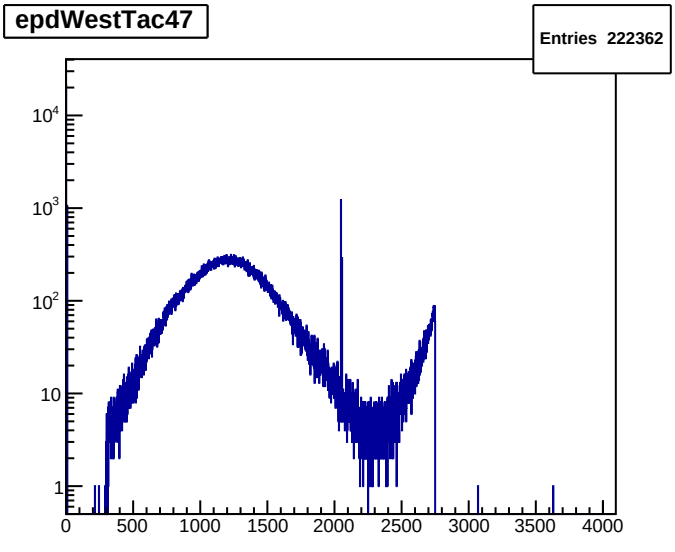

epdEastTac47VsSimu
Entries 0
Data
Simu

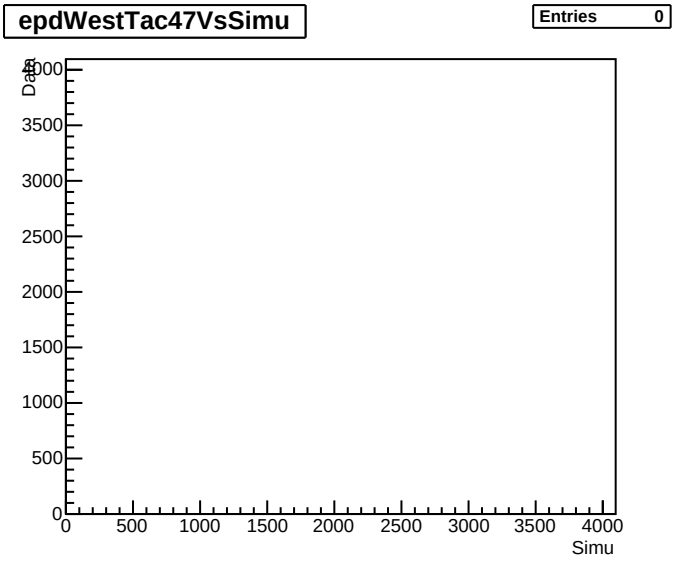

epdEastNHits
Entries 222362

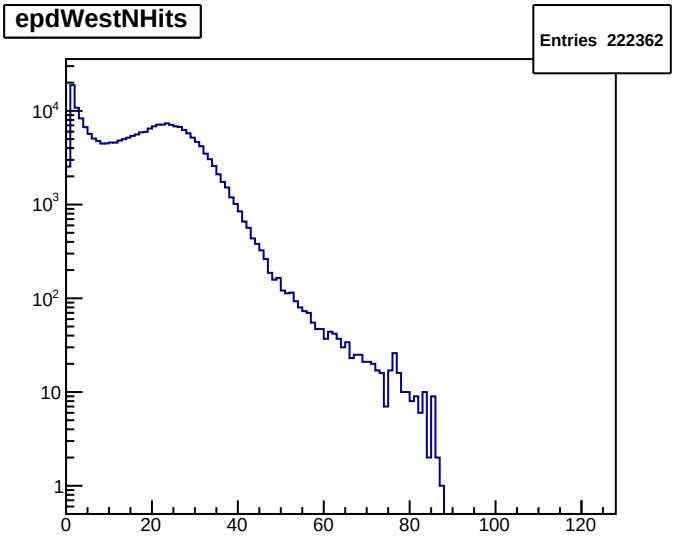

epdEastNHitsVsSimu
Entries 0
Data
Simu

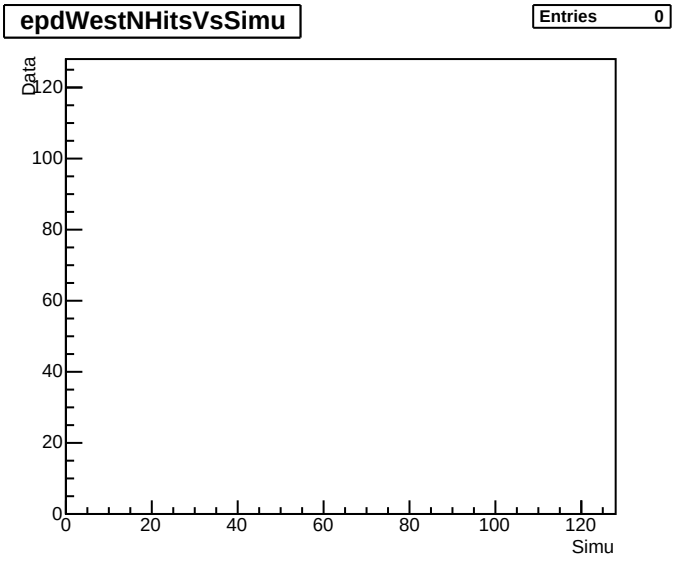

epdWestTac03
Entries 222362

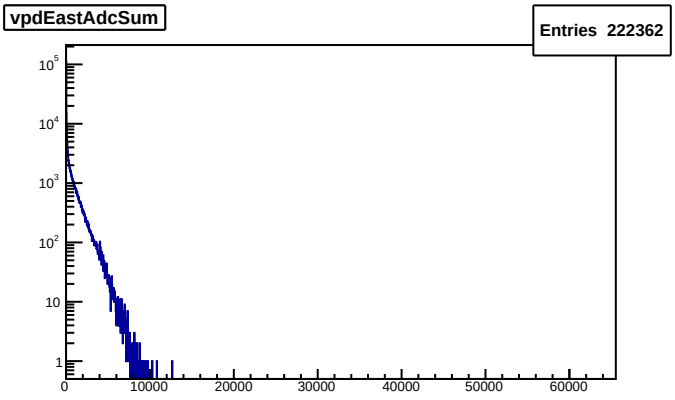

epdWestTac03VsSimu
Entries 0
Data
Simu

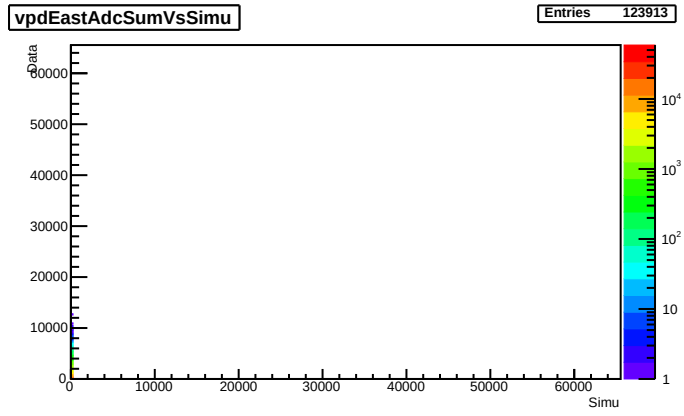

epdWestTac47
Entries 222362

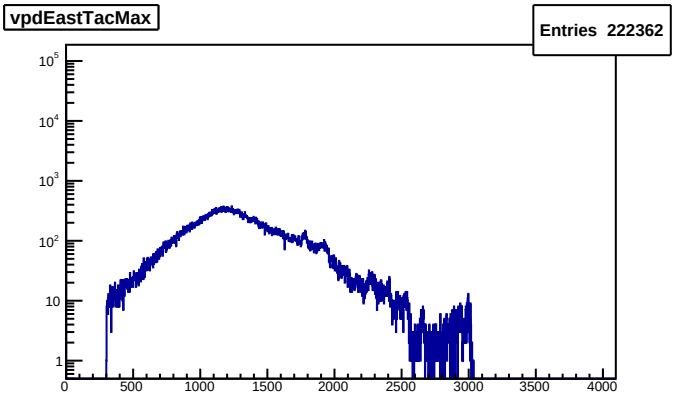

epdWestTac47VsSimu
Entries 0
Data
Simu

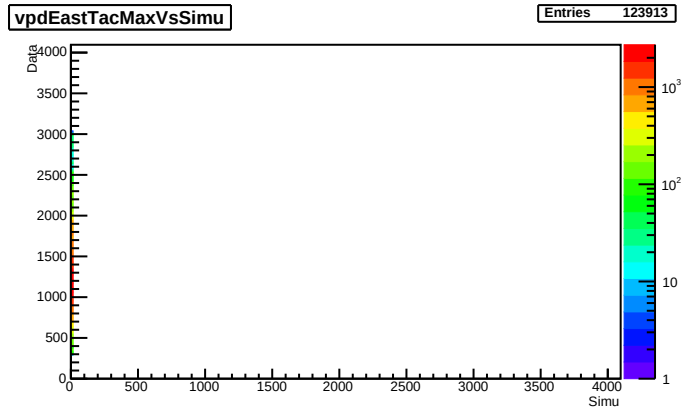

epdWestNHits
Entries 222362

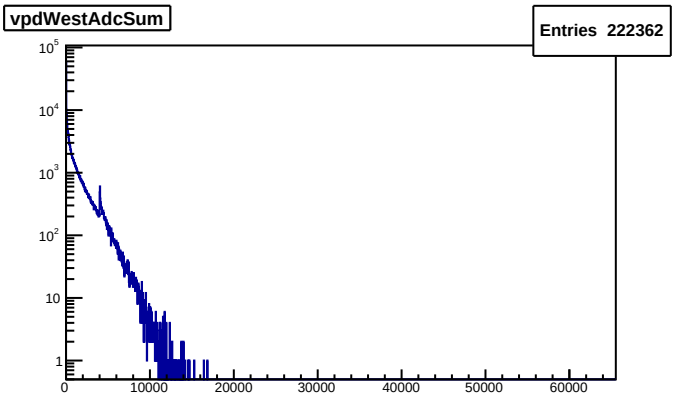

epdWestNHitsVsSimu
Entries 0
Data
Simu

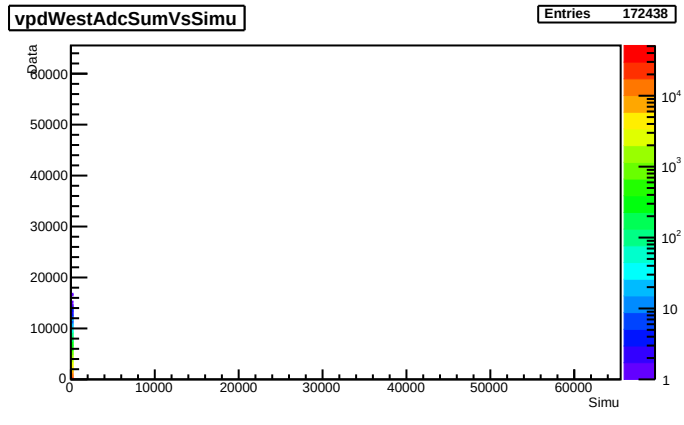

vpdEastAdcSum
Entries 222362

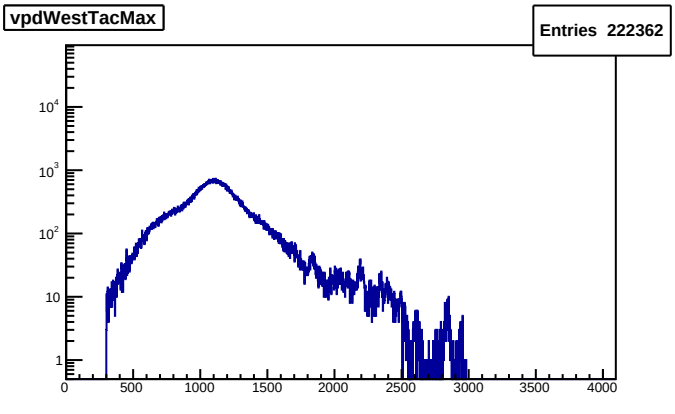

vpdEastAdcSumVsSimu
Entries 123913
Data
Simu

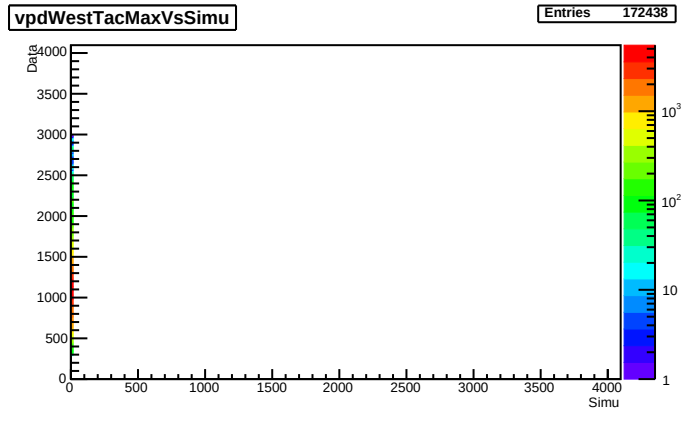

vpdEastTacMax
Entries 222362

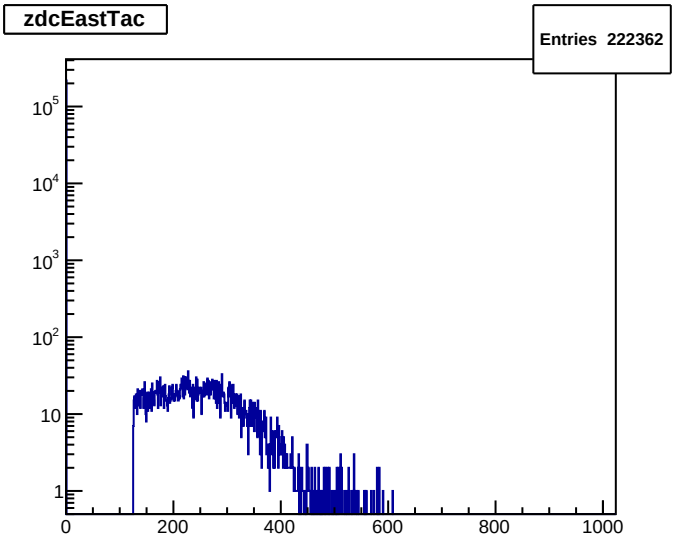

vpdEastTacMaxVsSimu
Entries 123913
Data
Simu

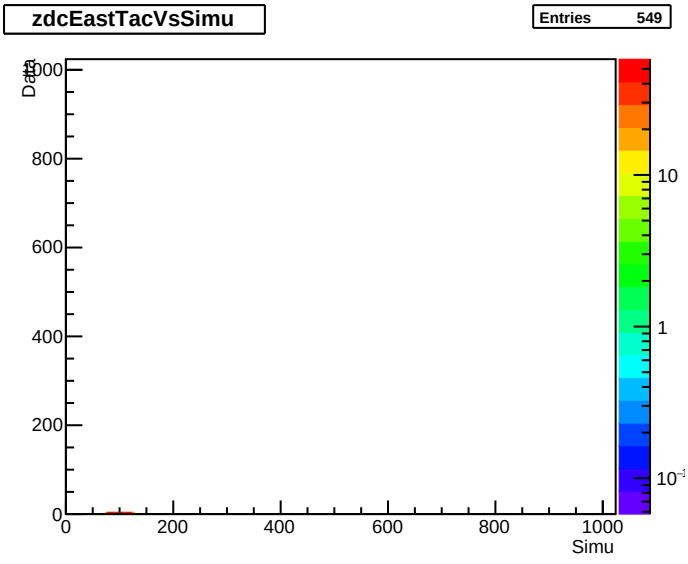

vpdWestAdcSum
Entries 222362

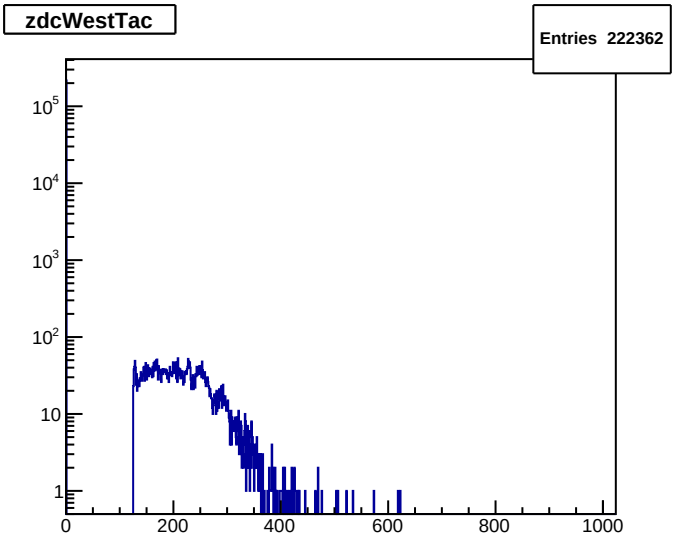

vpdWestAdcSumVsSimu
Entries 172438
Data
Simu

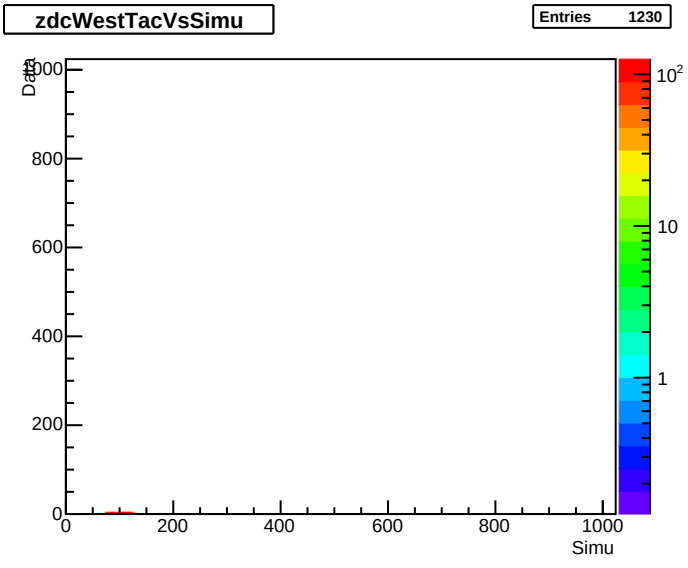

vpdWestTacMax
Entries 222362

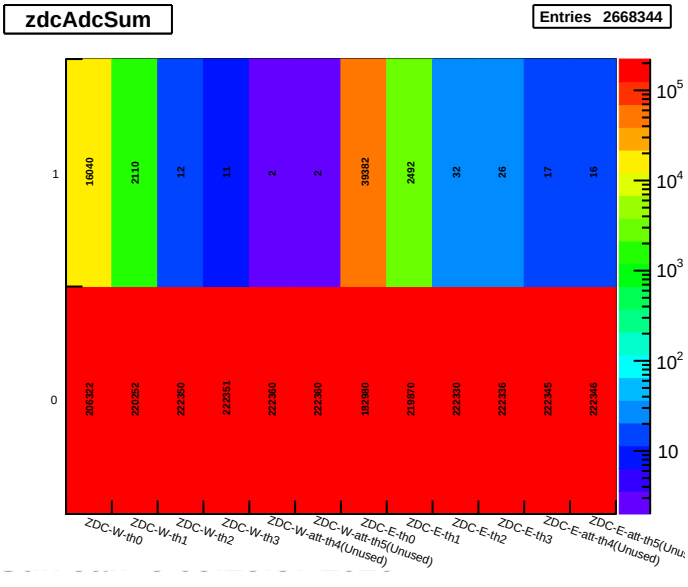

vpdWestTacMaxVsSimu
Entries 172438
Data
Simu

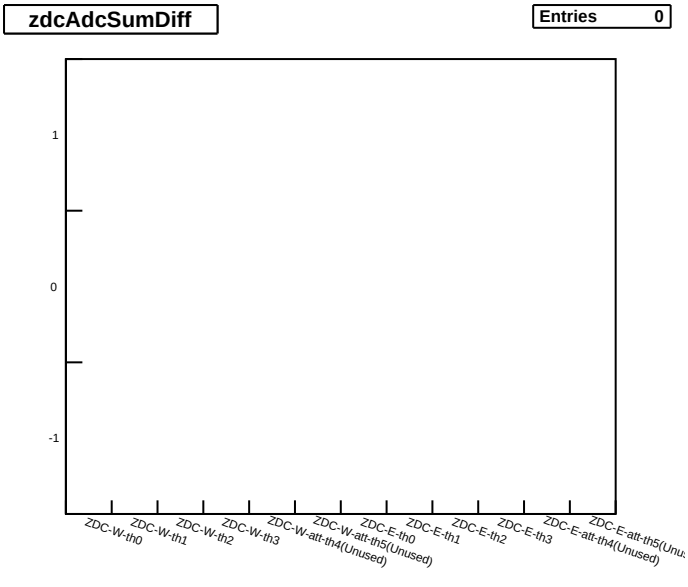

zdcEastTac
Entries 222362

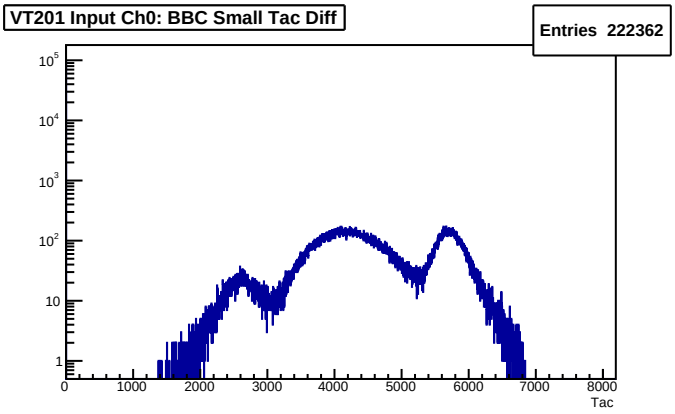

zdcEastTacVsSimu
Entries 549
Data
Simu

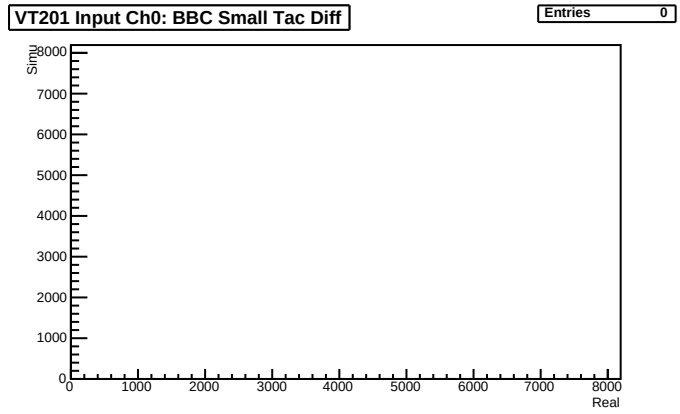

zdcWestTac
Entries 222362

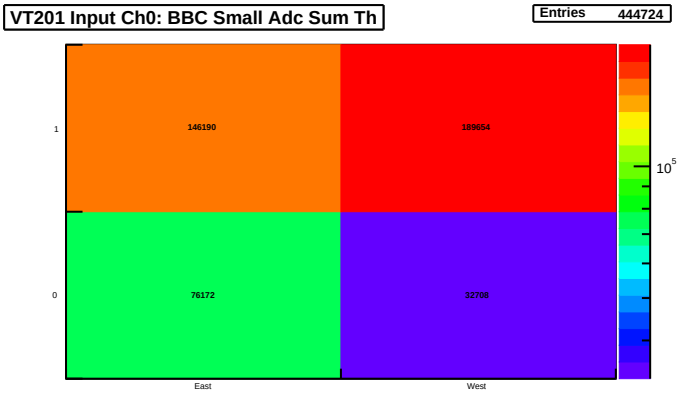

zdcWestTacVsSimu
Entries 1230
Data
Simu

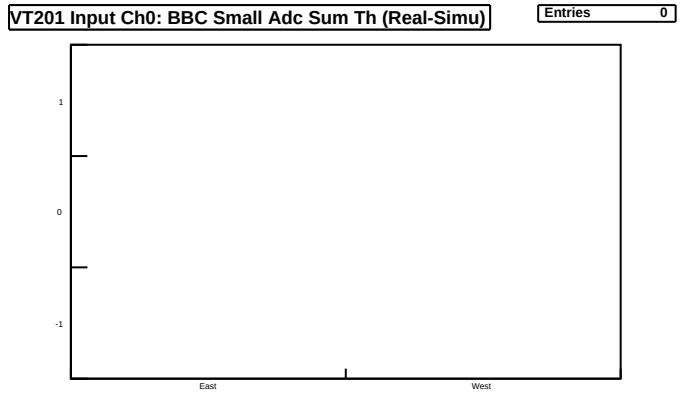

zdcAdcSum
Entries 2668344
16040
2110
12
11
2
2
39382
2492
32
26
17
16
206322
220252
222350
222351
222380
222360
182980
219870
222330
222336
222345
222346
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

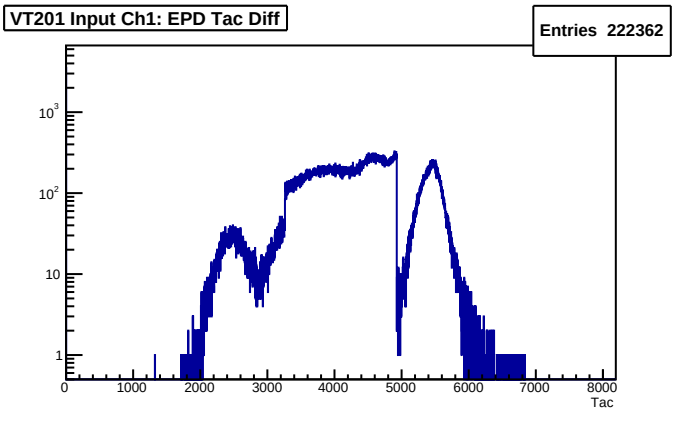

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

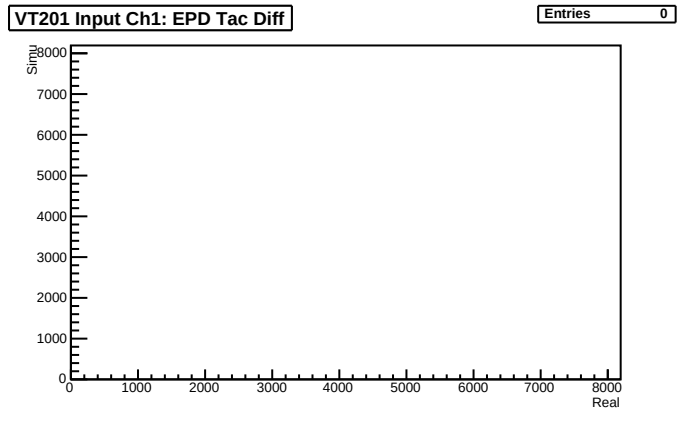

VT201 Input Ch0: BBC Small Tac Diff
Entries 222362
Tac

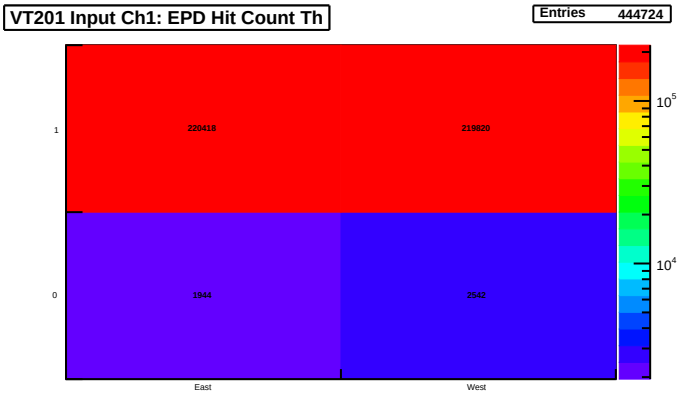

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

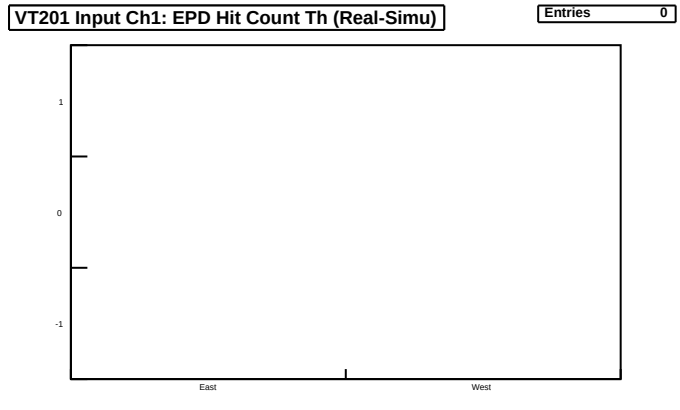

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 444724
146190
189654
76172
32708
East
West

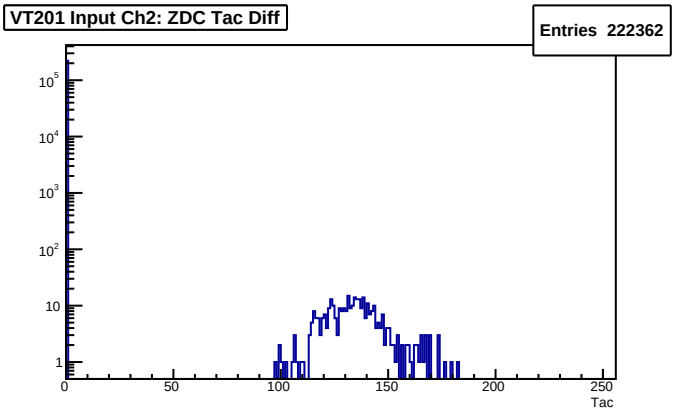

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

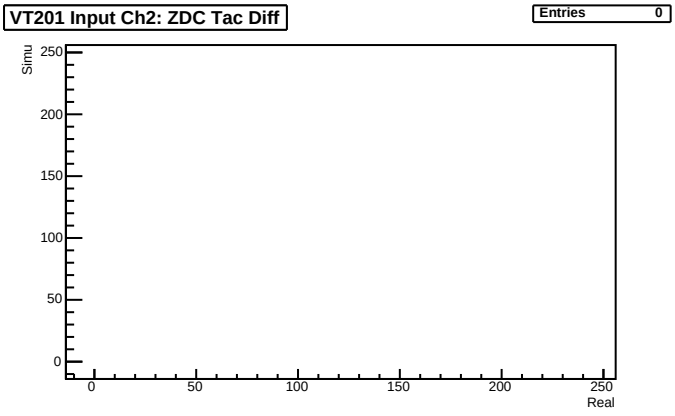

VT201 Input Ch1: EPD Tac Diff
Entries 222362
Tac

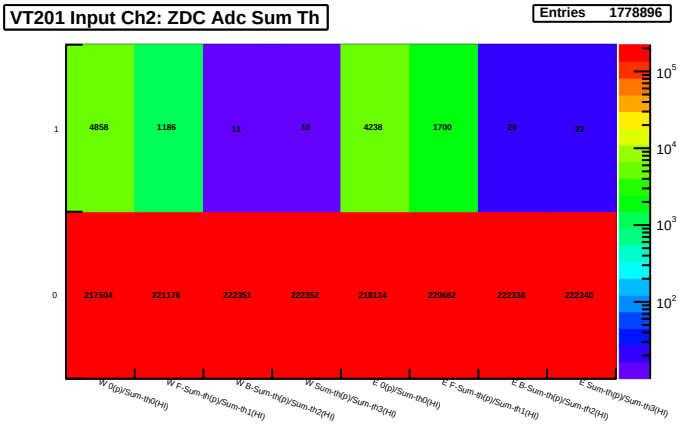

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

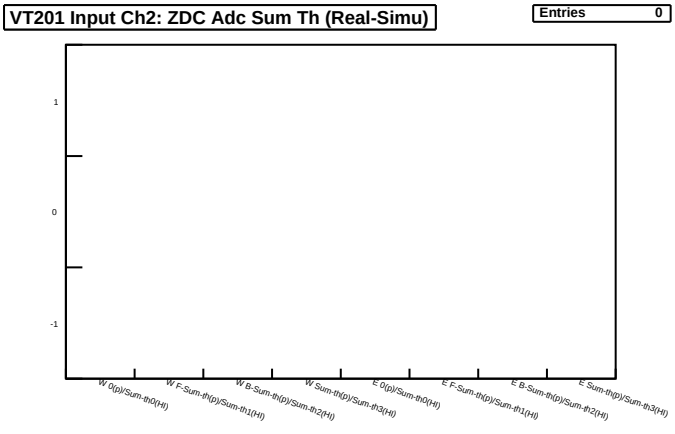

VT201 Input Ch1: EPD Hit Count Th
Entries 444724
220418
219820
1944
2542
East
West

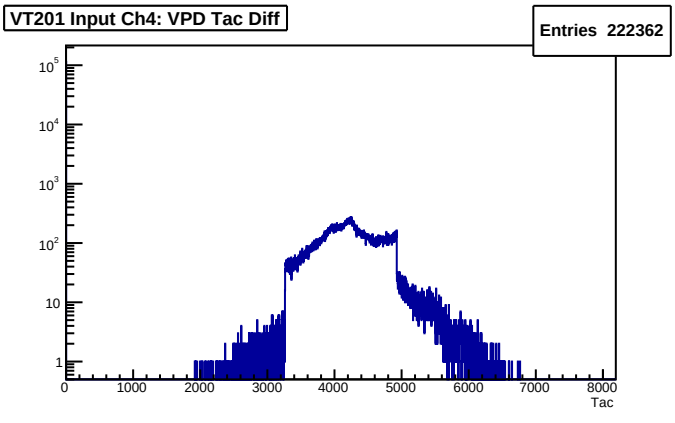

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

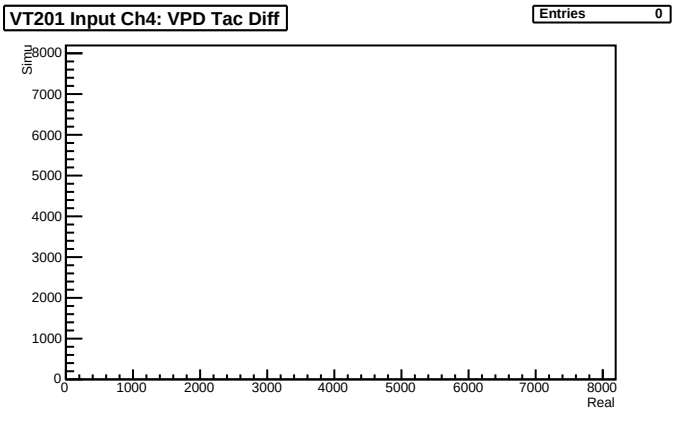

VT201 Input Ch2: ZDC Tac Diff
Entries 222362
Tac

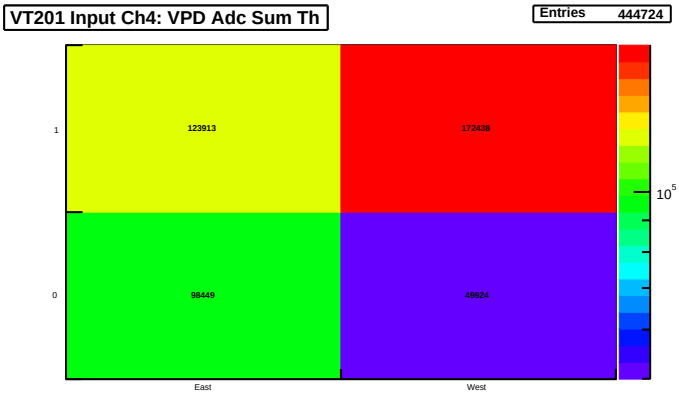

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

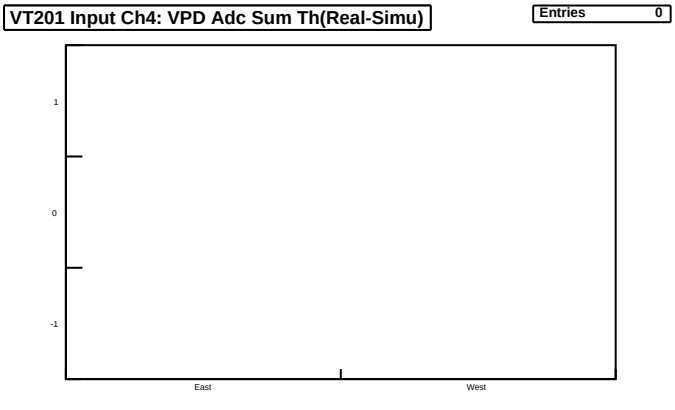

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1778896
4858
1186
11
10
4238
1700
26
22
217504
221176
222351
222352
218124
220662
222336
222340
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

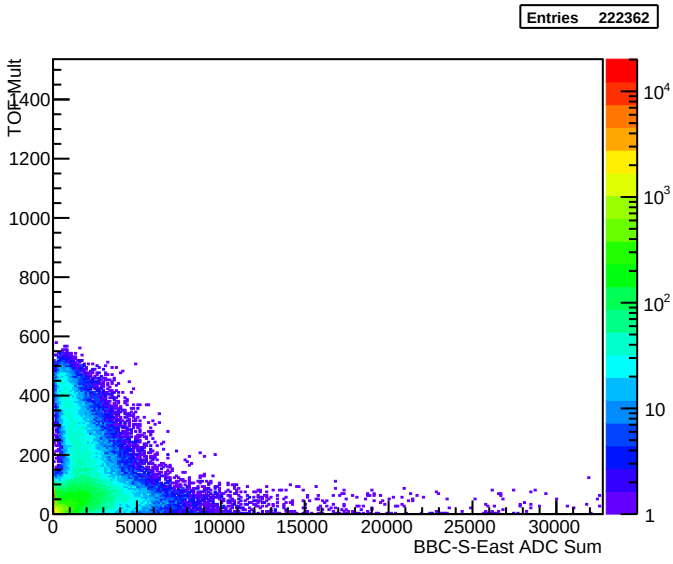

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

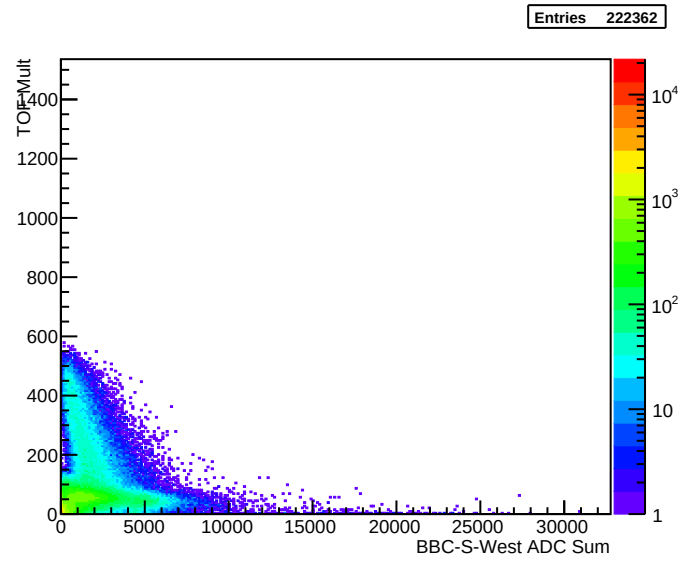

VT201 Input Ch4: VPD Tac Diff
Entries 222362
Tac

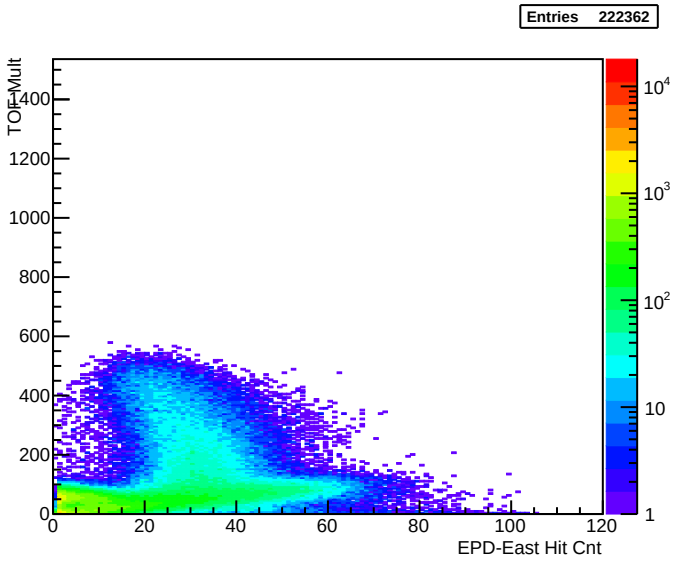

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

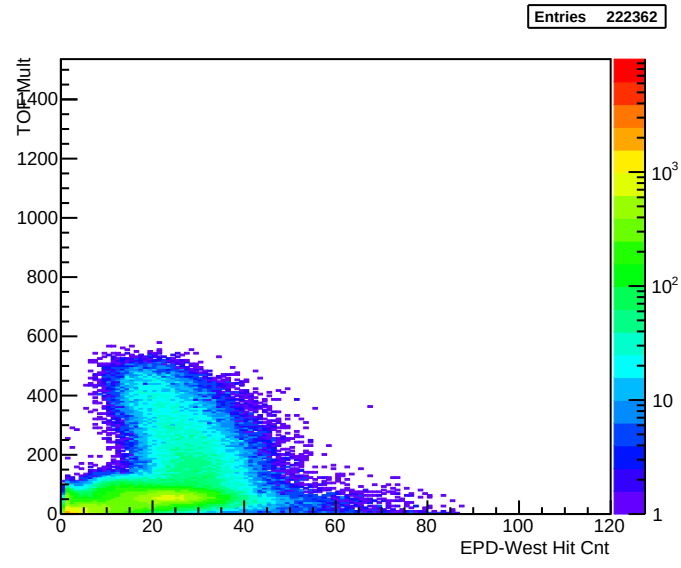

VT201 Input Ch4: VPD Adc Sum Th
Entries 444724
123913
172438
98449
49924
East
West

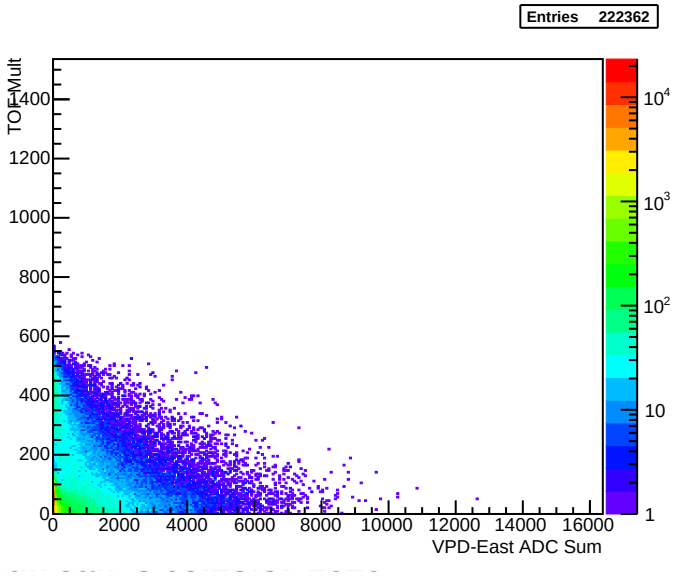

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

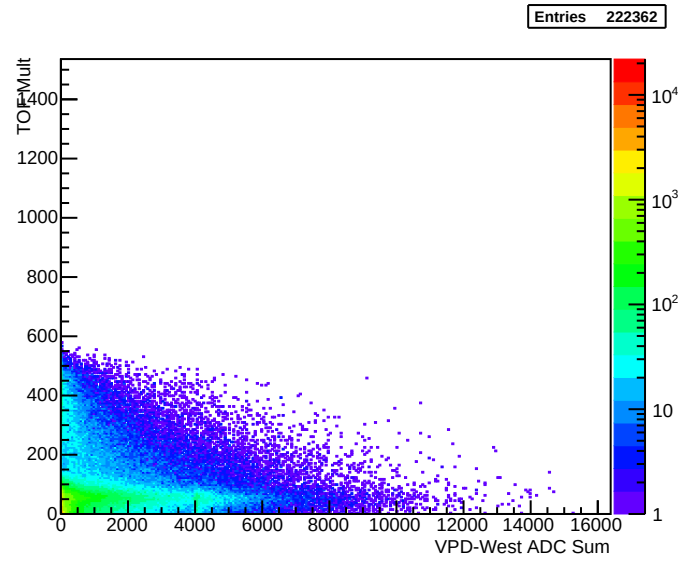

Entries 222362
TOF-Mult
BBC-S-East ADC Sum

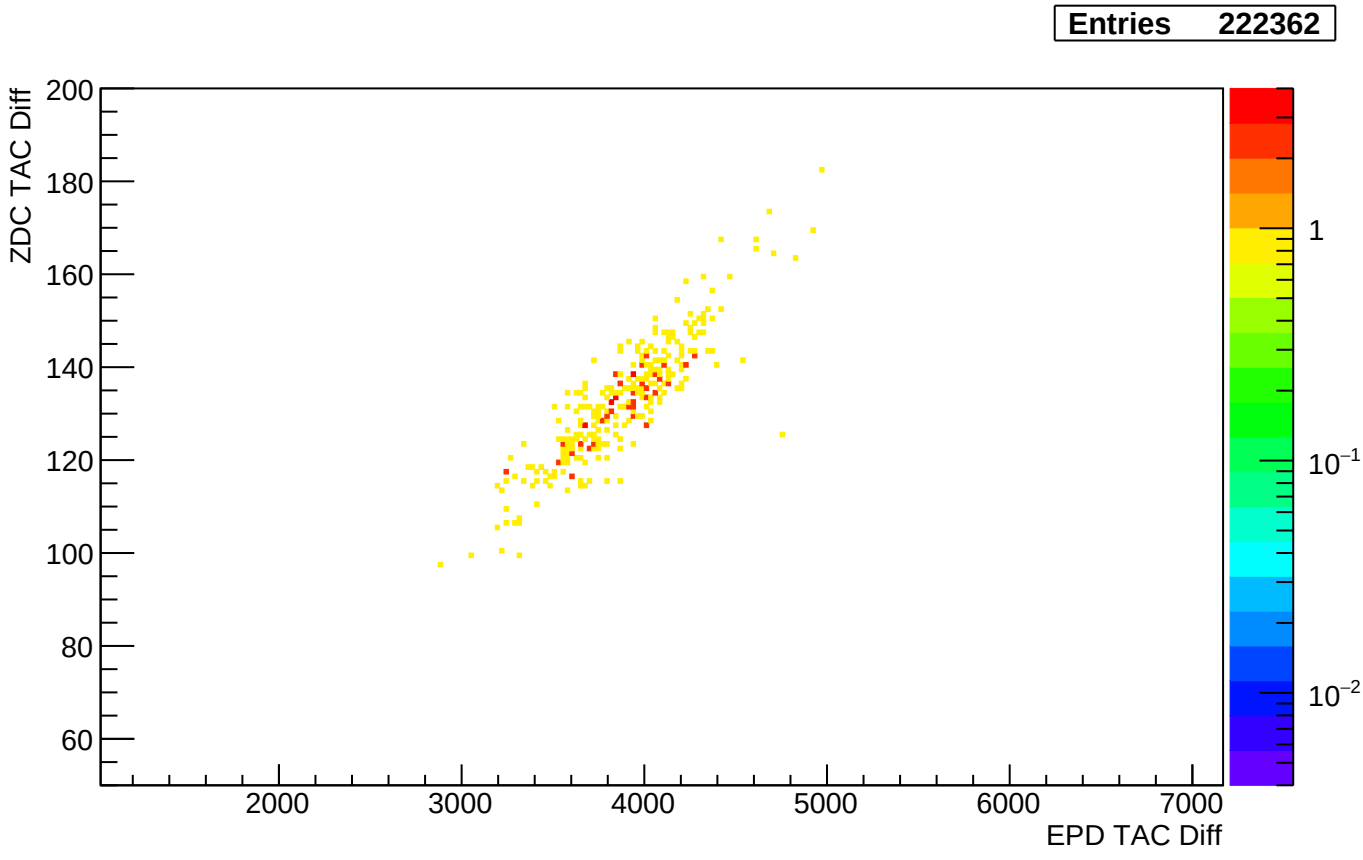

Entries 222362
TOF-Mult
BBC-S-West ADC Sum

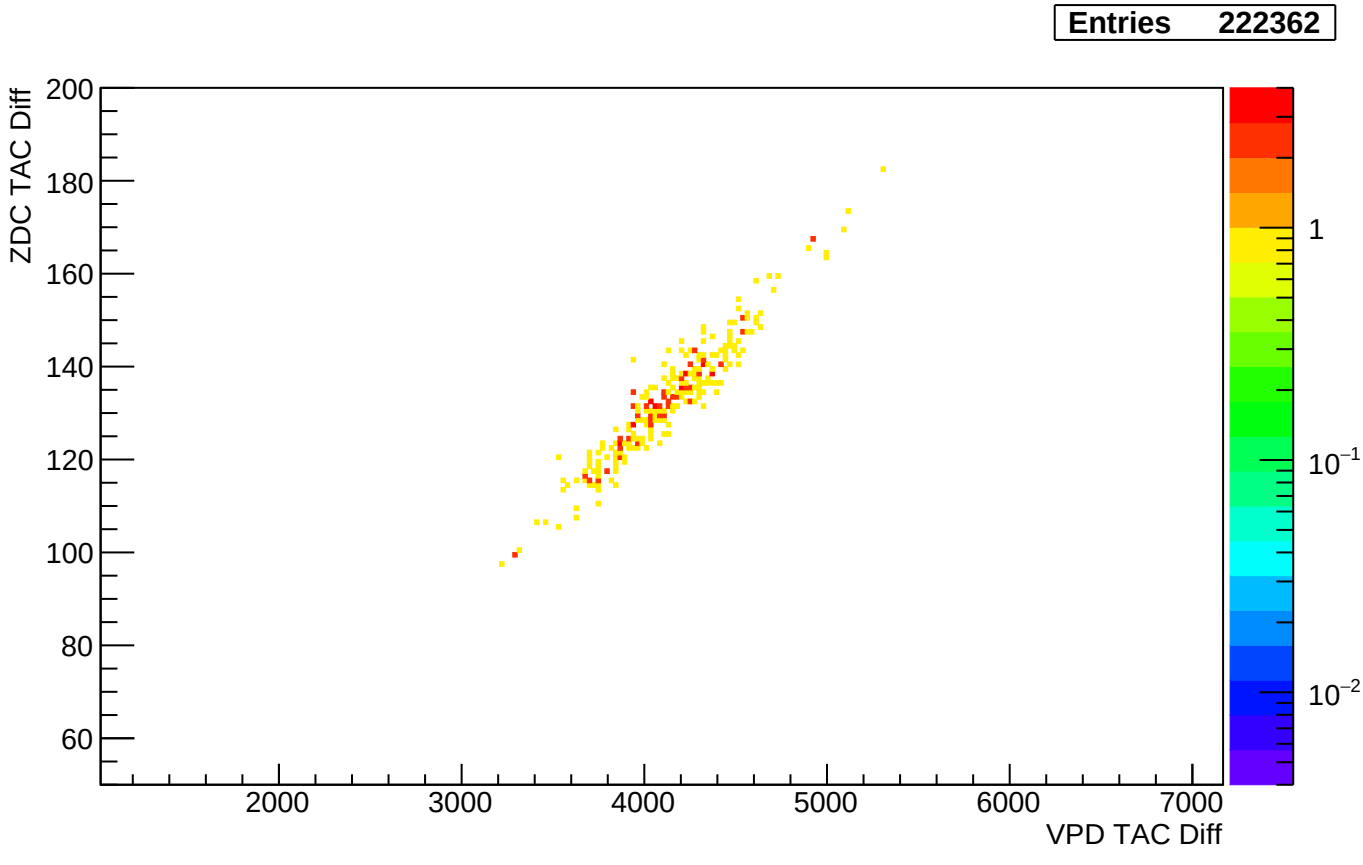

Entries 222362
TOF-Mult
EPD-East Hit Cnt

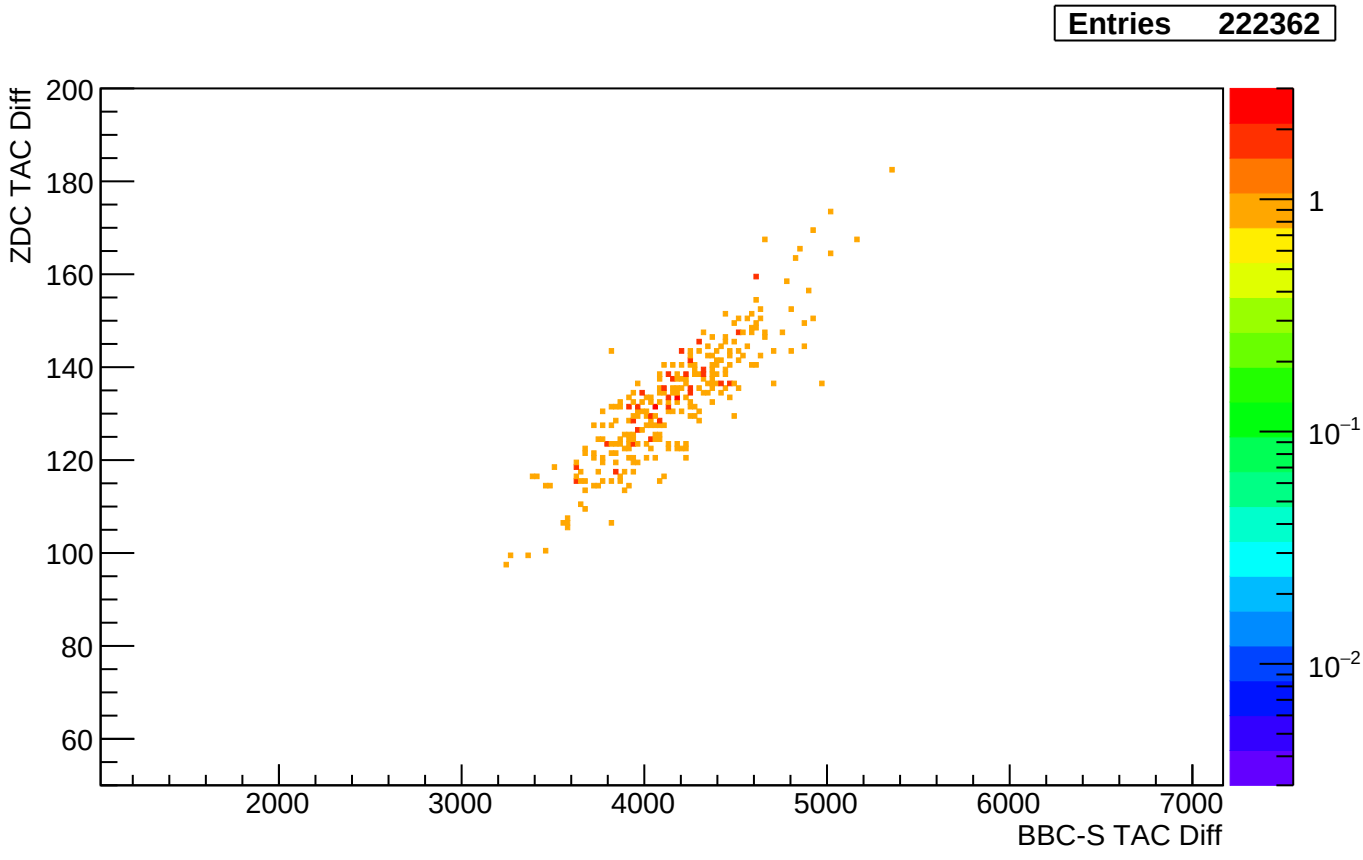

Entries 222362
TOF-Mult
EPD-West Hit Cnt

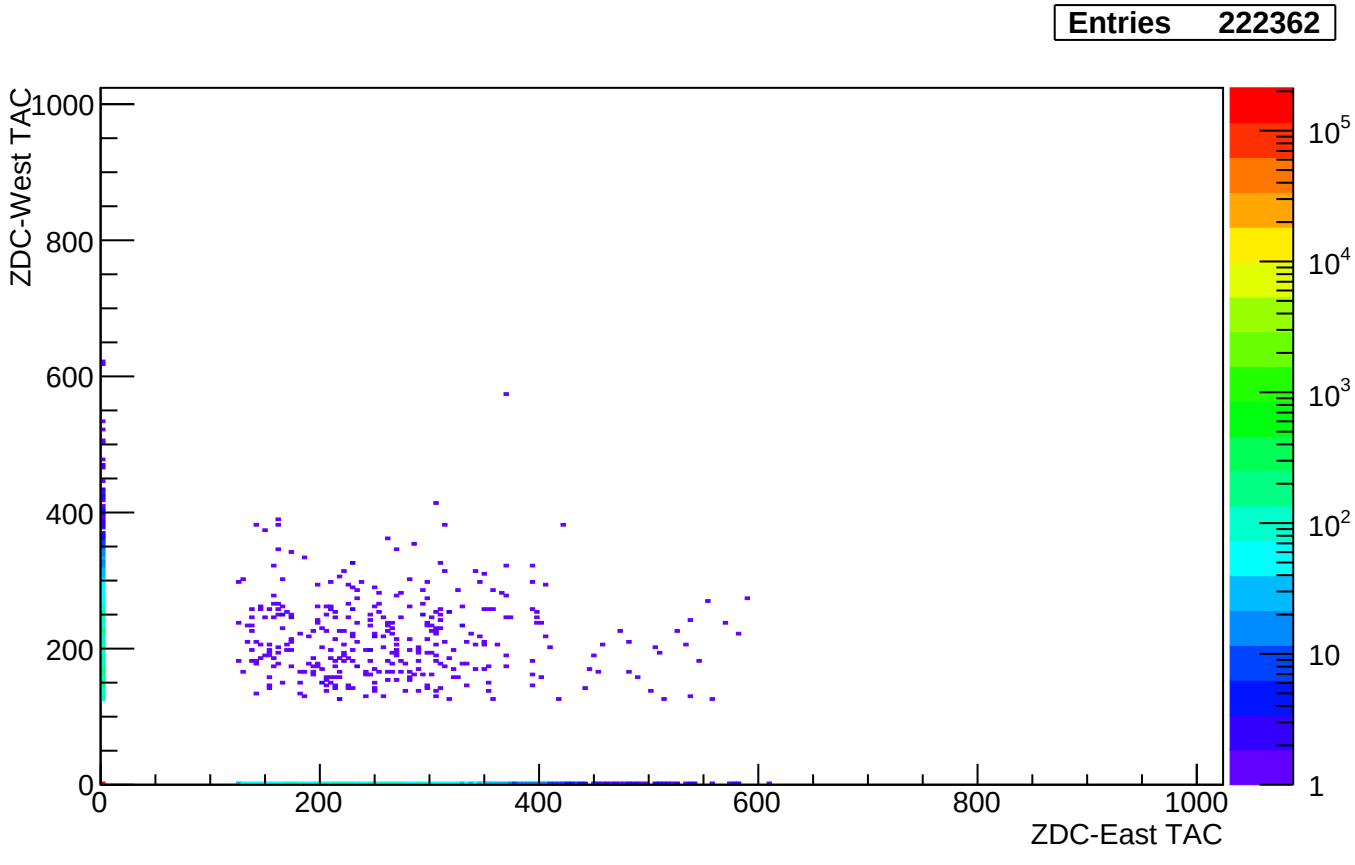

Entries 222362
TOF-Mult
VPD-East ADC Sum

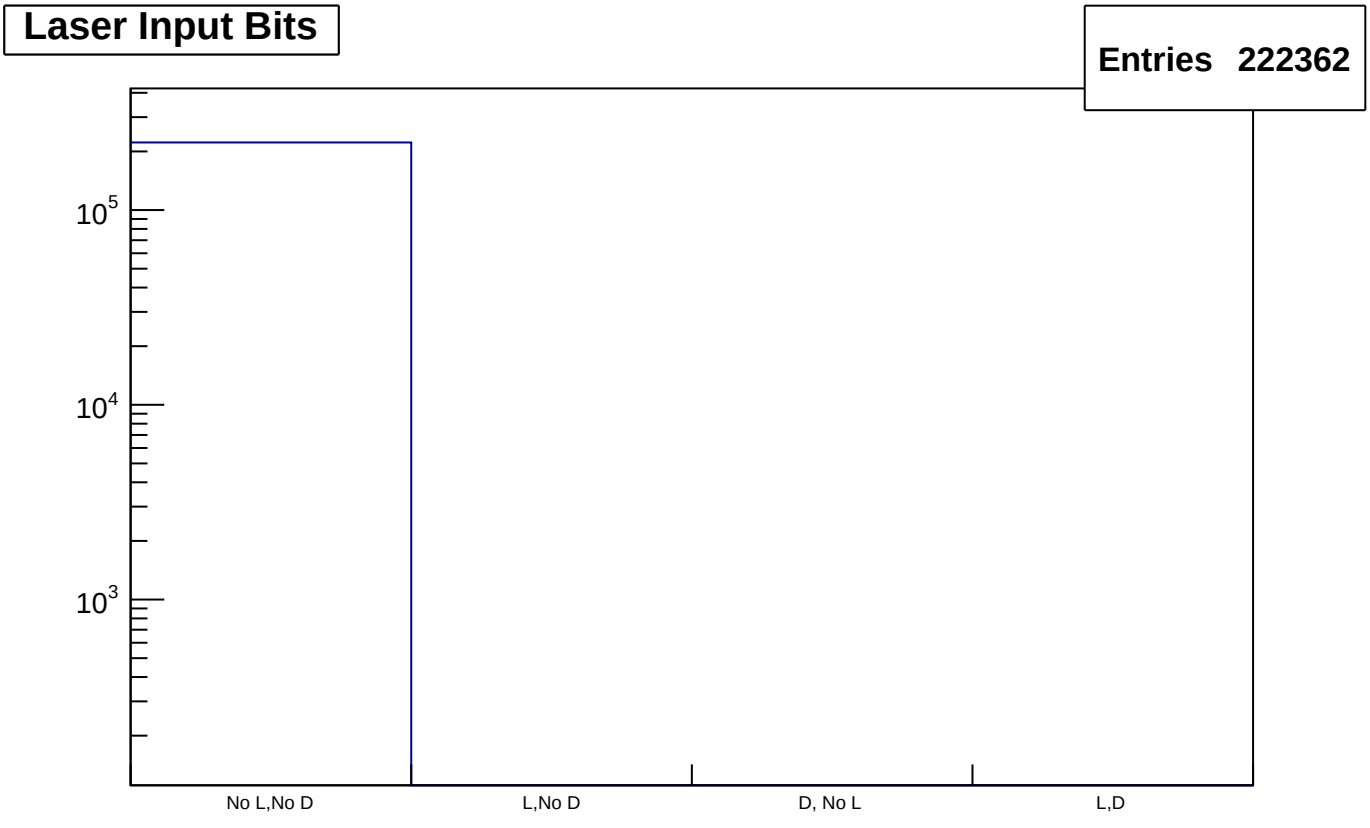

Entries 222362
TOF-Mult
VPD-West ADC Sum

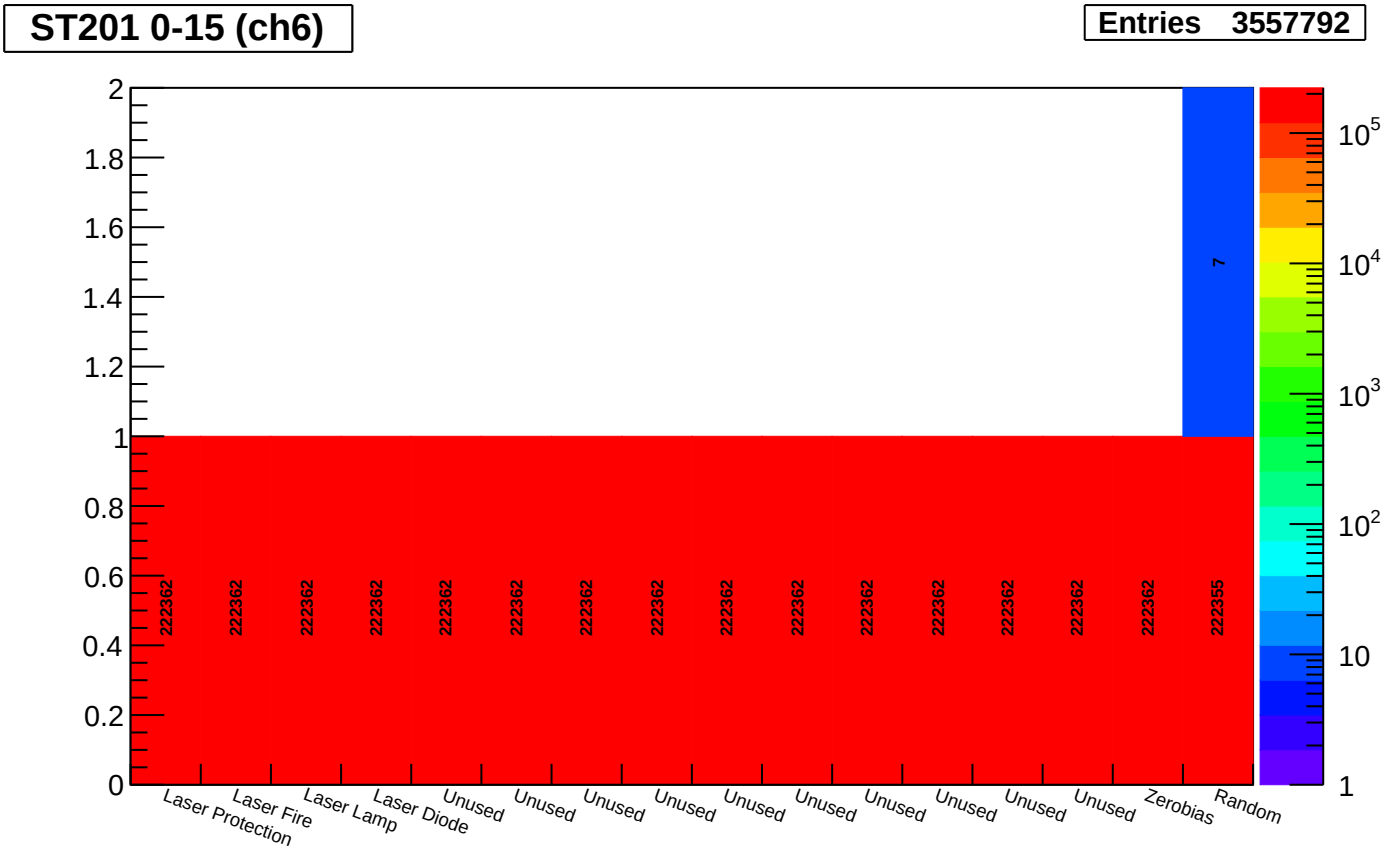

Entries 222362
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

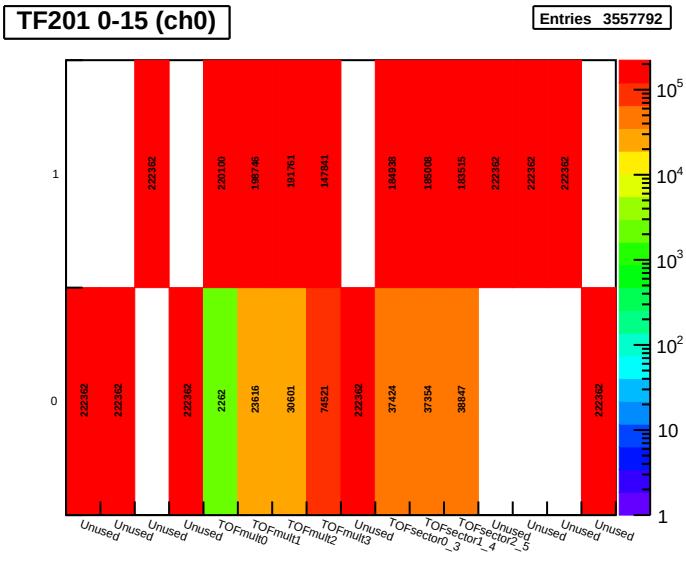

Entries 222362
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

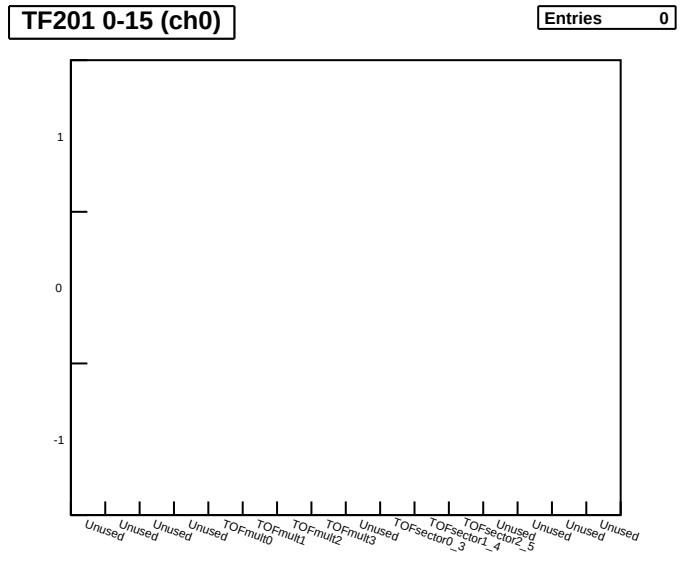

Entries 222362
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

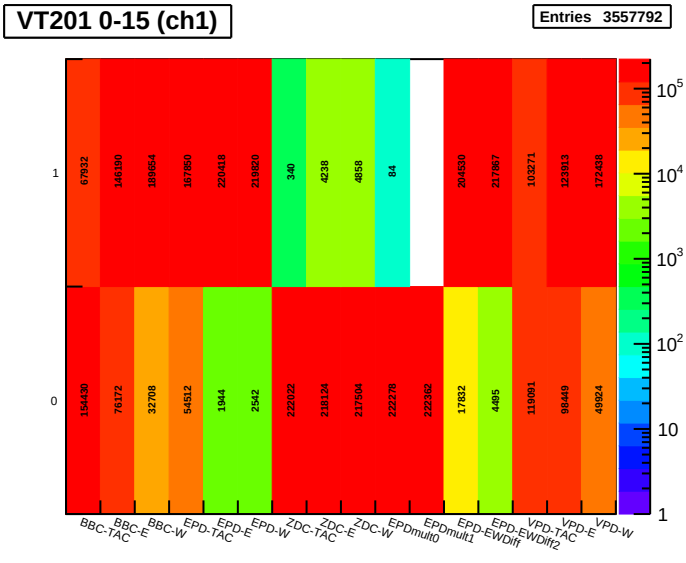

Entries 222362
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

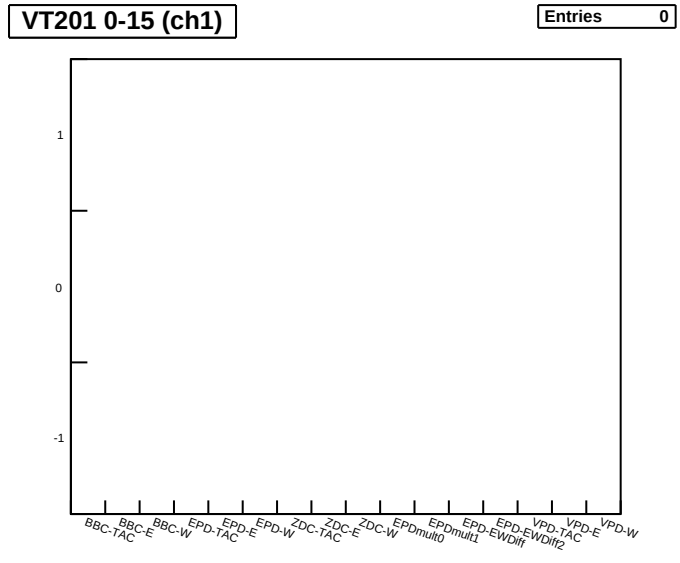

Laser Input Bits
Entries 222362
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

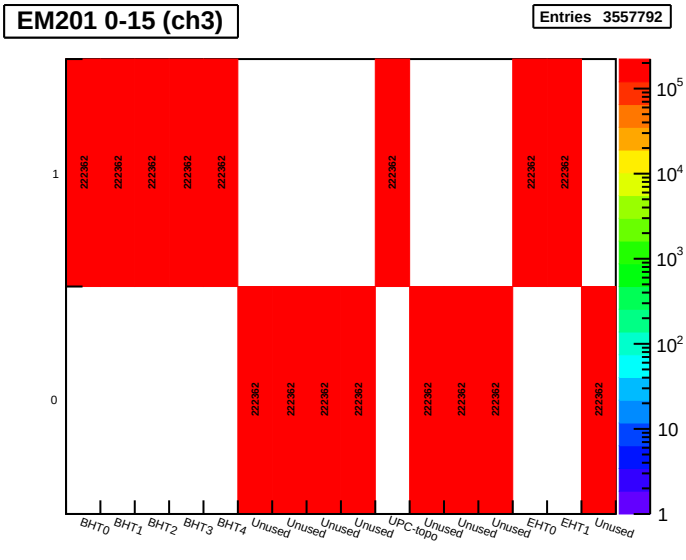

ST201 0-15 (ch6)
Entries 3557792
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
222362
222362
222362
222362
222362
222362
222362
222362
222362
222362
222362
222362
222362
222362
222355
7
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

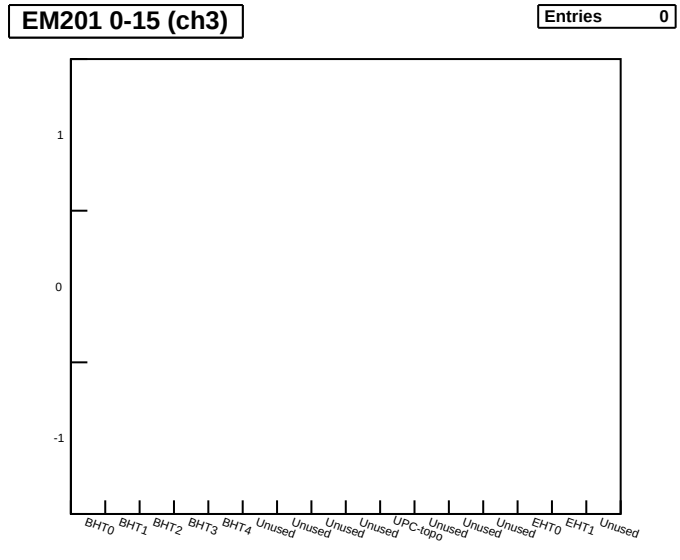

TF201 0-15 (ch0)
Entries 3557792
1
0
222362
220100
198746
191761
147841
194938
185008
183515
222362
222362
222362
222362
222362
222362
2262
23616
30601
74521
222362
37424
37354
38847
222362
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused


VT201 0-15 (ch1)
Entries 3557792
1
0
67932
146190
189654
167850
220418
219820
340
4238
4858
84
204530
217867
103271
123913
172438
154430
76172
32708
54512
1944
2542
222022
218124
217504
222278
222362
17832
4495
119091
98449
49824
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
10^5
10^4
10^3
10^2
10
1


VT201 0-15 (ch1)
Entries 0
1
0
-1
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 3557792
1
0
222362
222362
222362
222362
222362
222362
222362
222362
222362
222362
222362
222362
222362
222362
222362
222362
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused