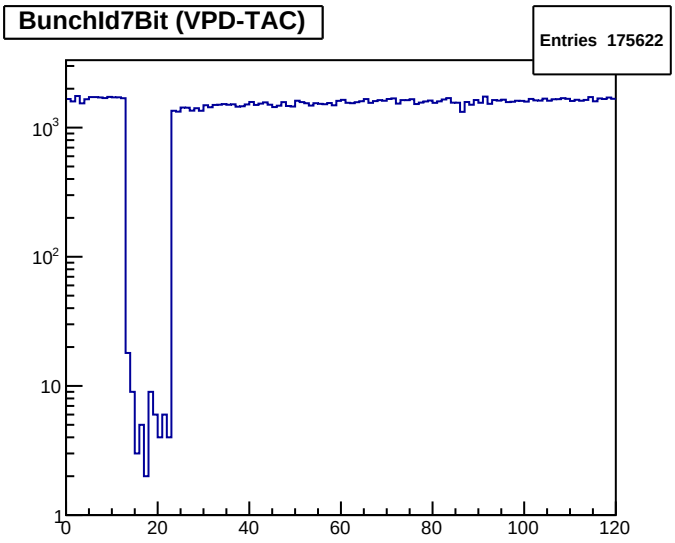
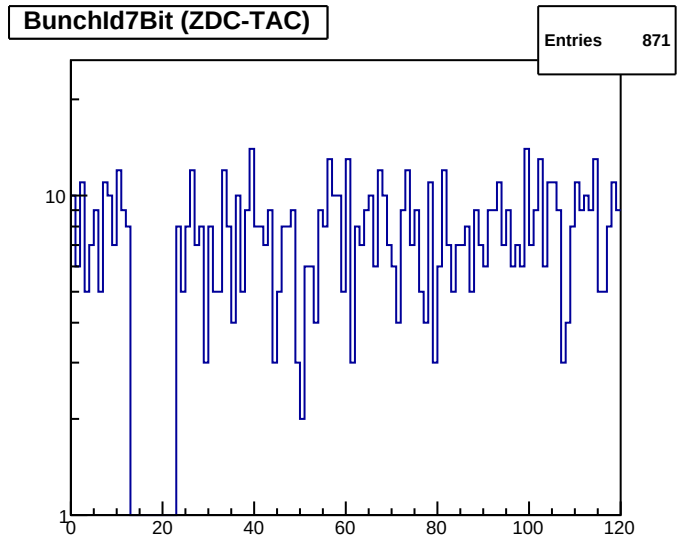
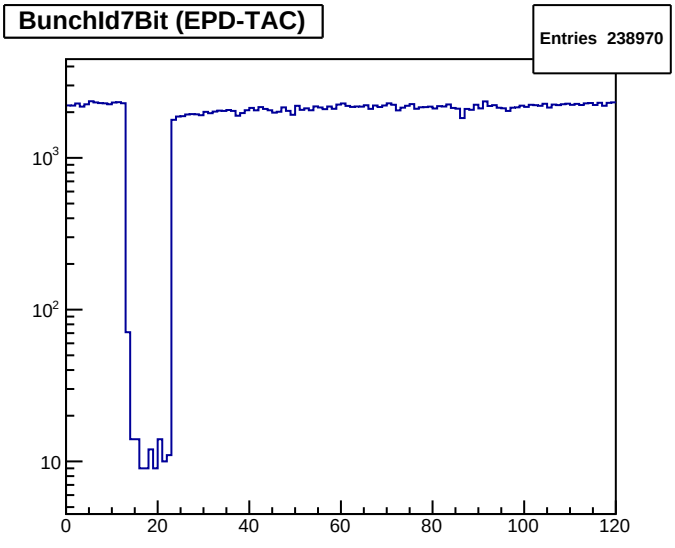
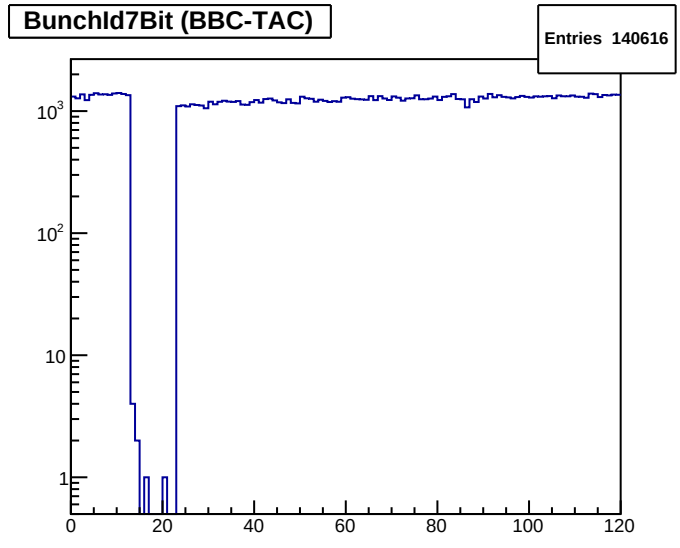
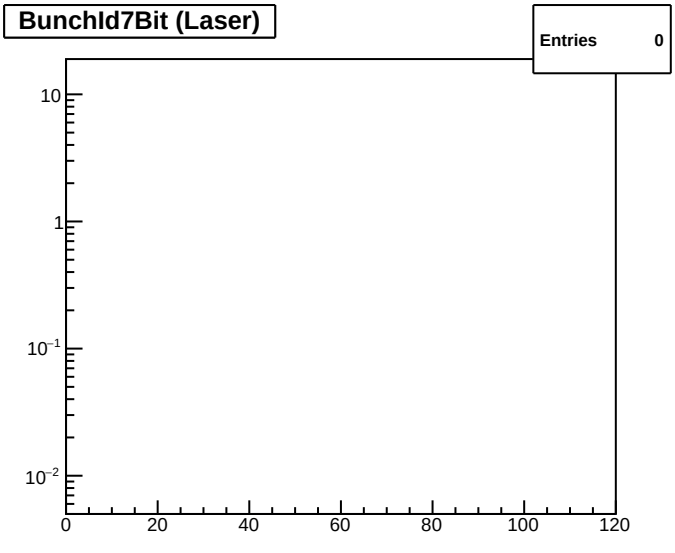
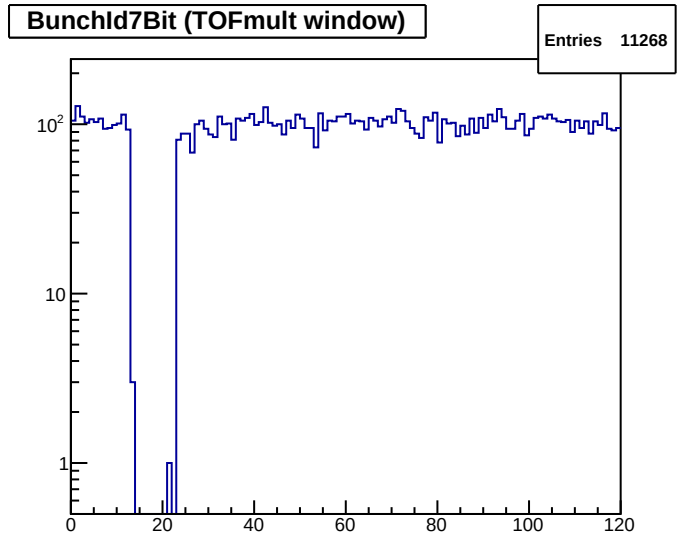

BunchId7Bit (VPD-TAC)
Entries 175622

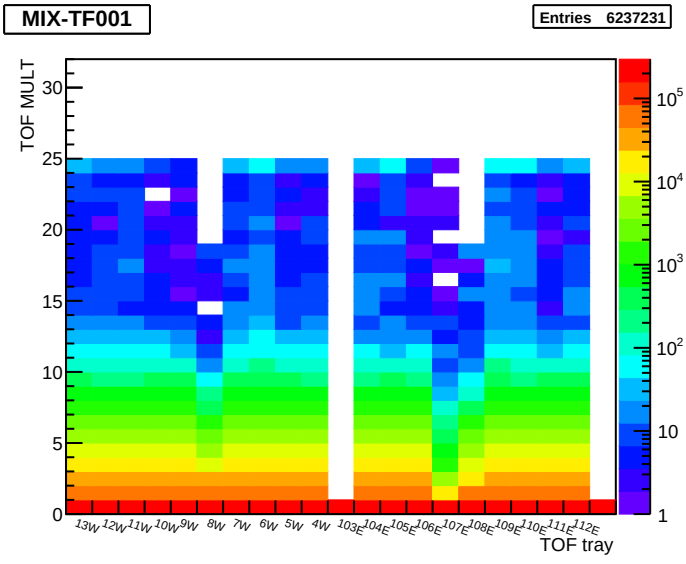

BunchId7Bit (ZDC-TAC)
Entries 871

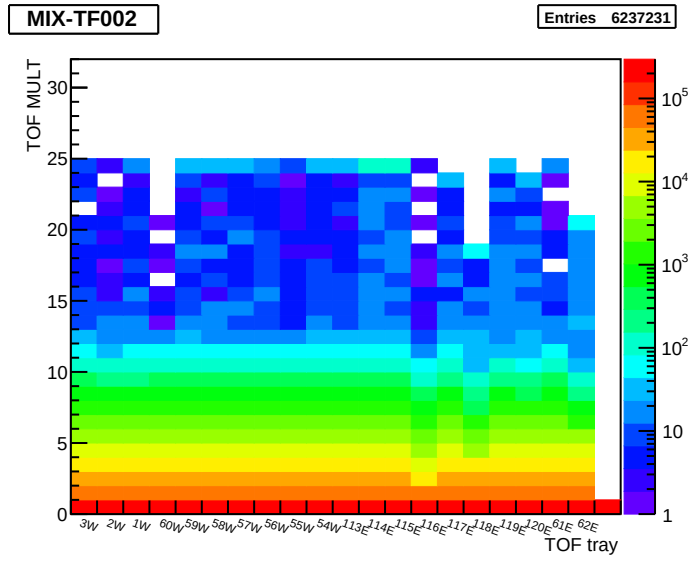

BunchId7Bit (EPD-TAC)
Entries 238970

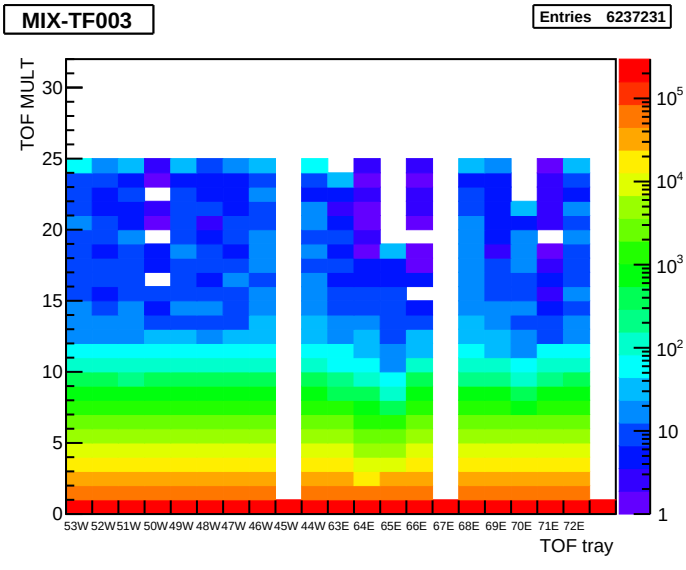

BunchId7Bit (BBC-TAC)
Entries 140616

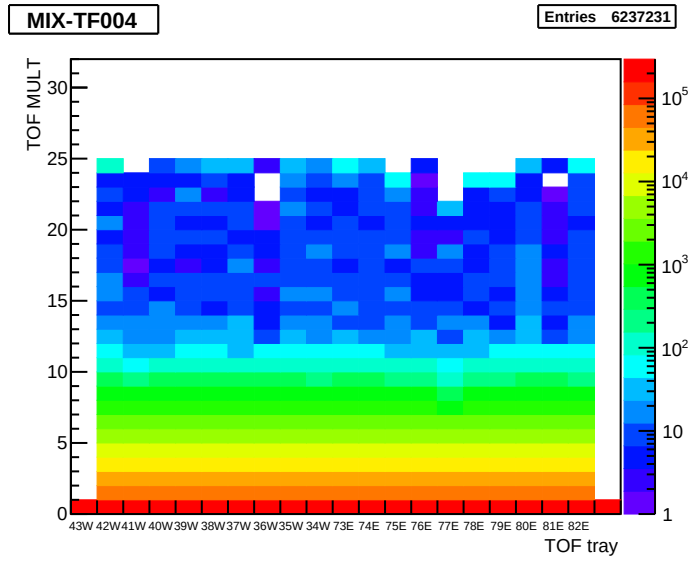

BunchId7Bit (Laser)
Entries 0

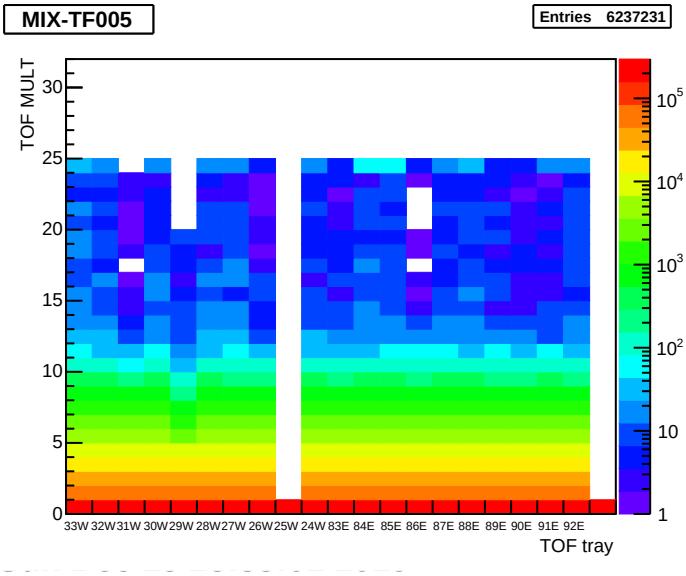

BunchId7Bit (TOFmult window)
Entries 11268

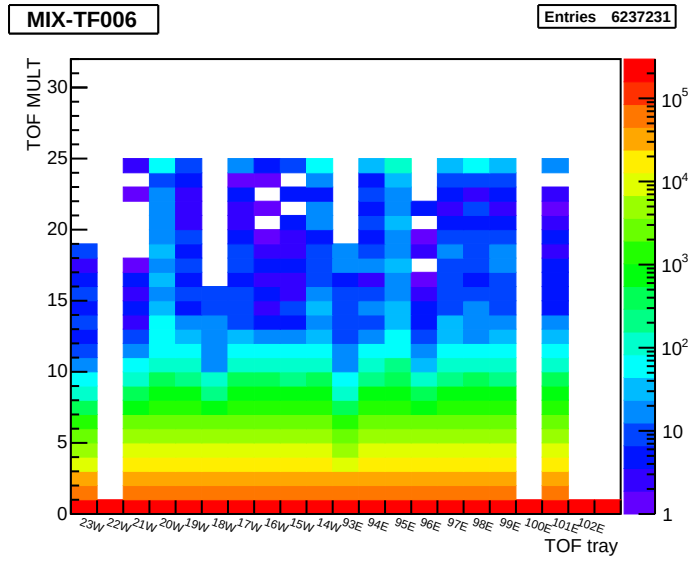

MIX-TF001
Entries 6237231
TOF MULT
TOF tray

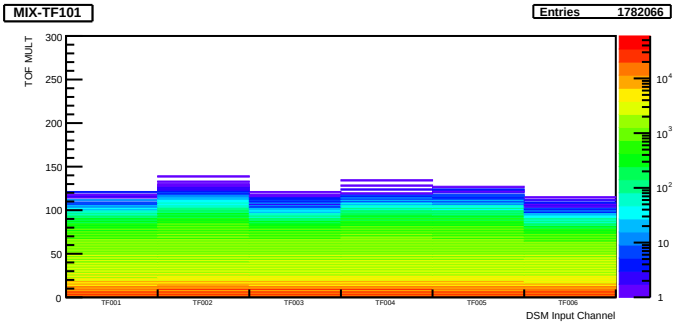

MIX-TF002
Entries 6237231
TOF MULT
TOF tray

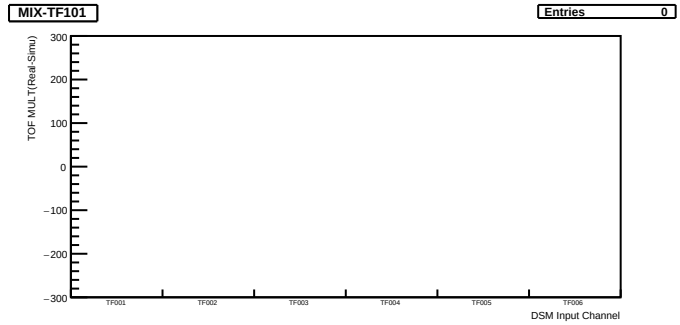

MIX-TF003
Entries 6237231
TOF MULT
TOF tray

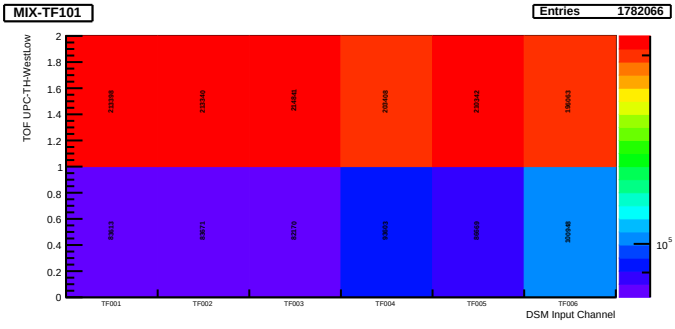

MIX-TF004
Entries 6237231
TOF MULT
TOF tray

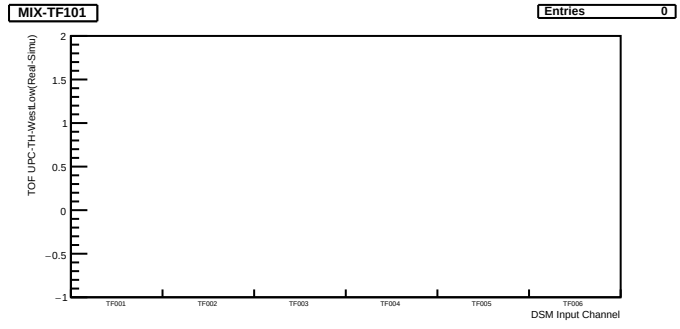

MIX-TF005
Entries 6237231
TOF MULT
TOF tray

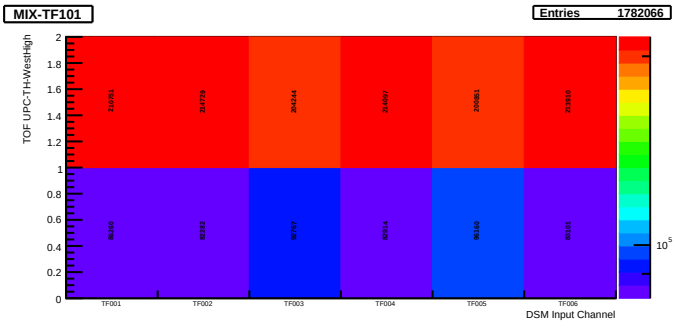

MIX-TF006
Entries 6237231
TOF MULT
TOF tray

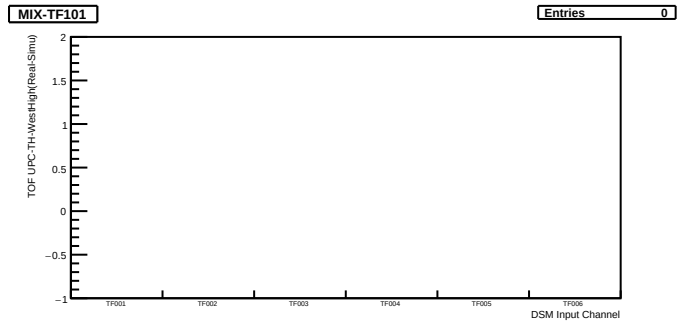

MIX-TF101
Entries 1782066
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

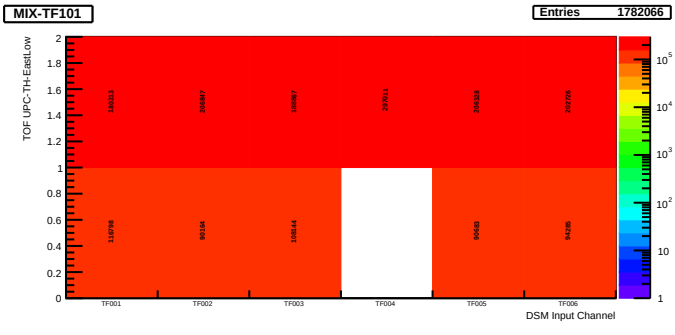

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

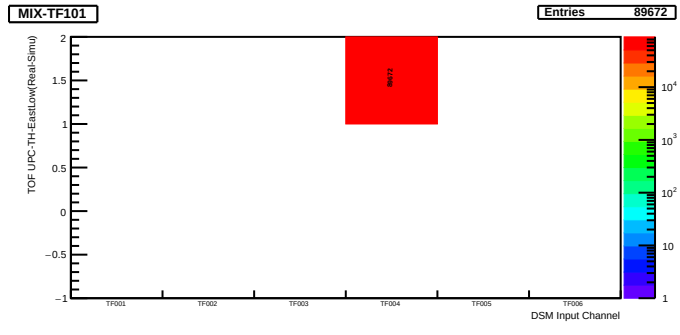

MIX-TF101
Entries 1782066
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

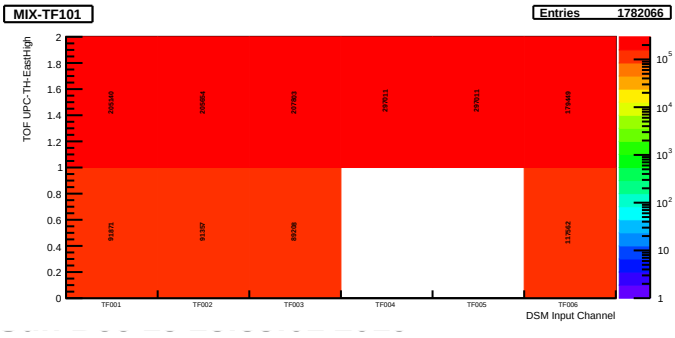

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

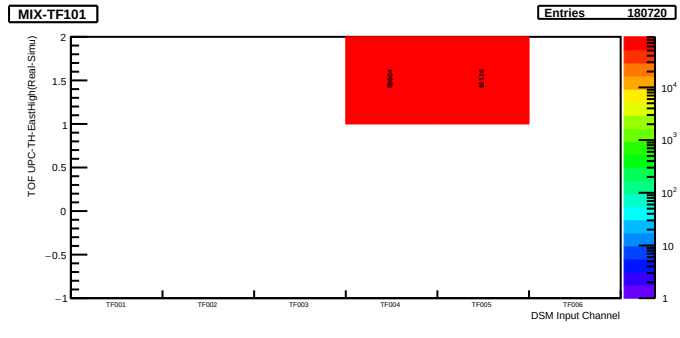

MIX-TF101
Entries 1782066
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

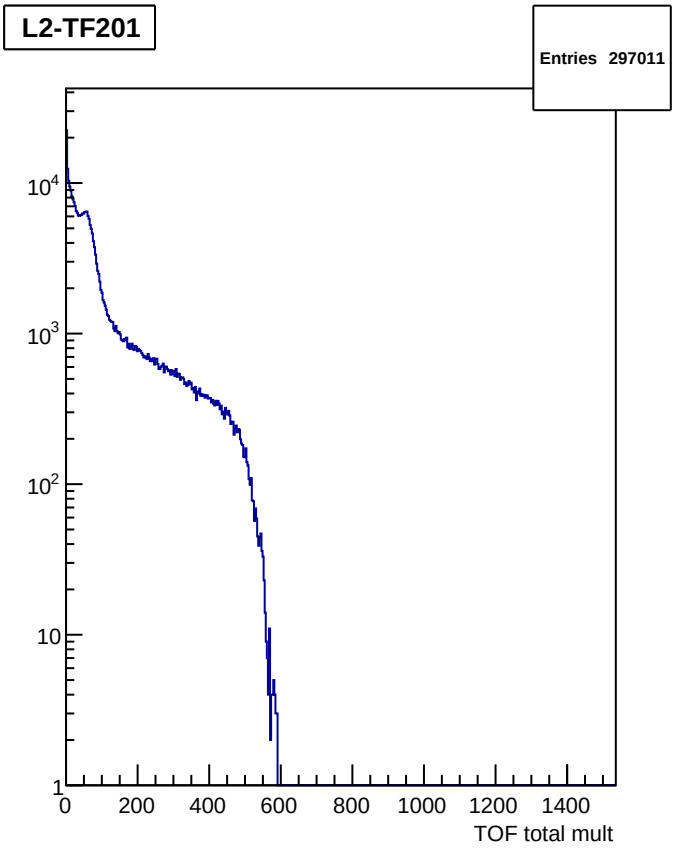

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

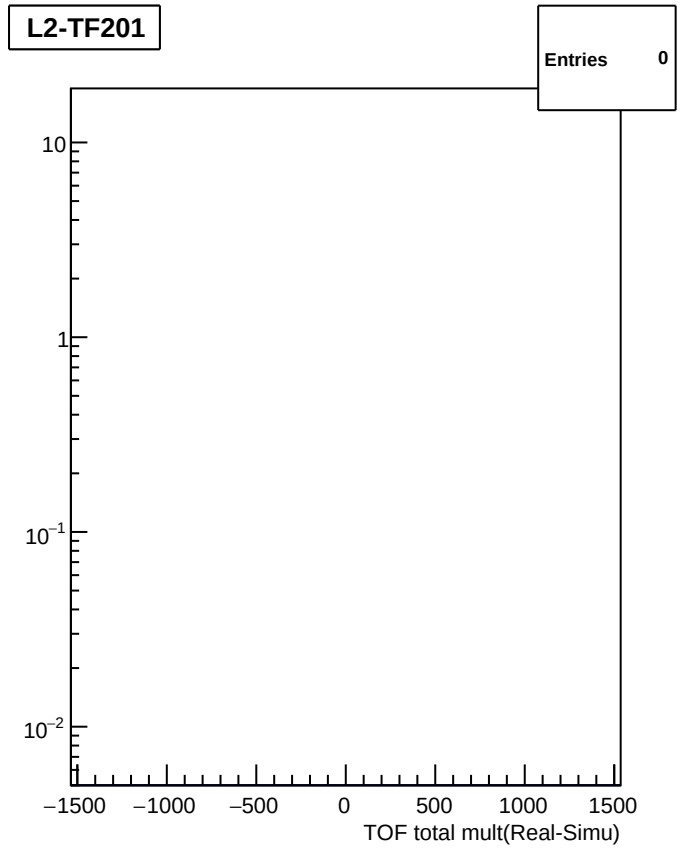

MIX-TF101
Entries 1782066
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

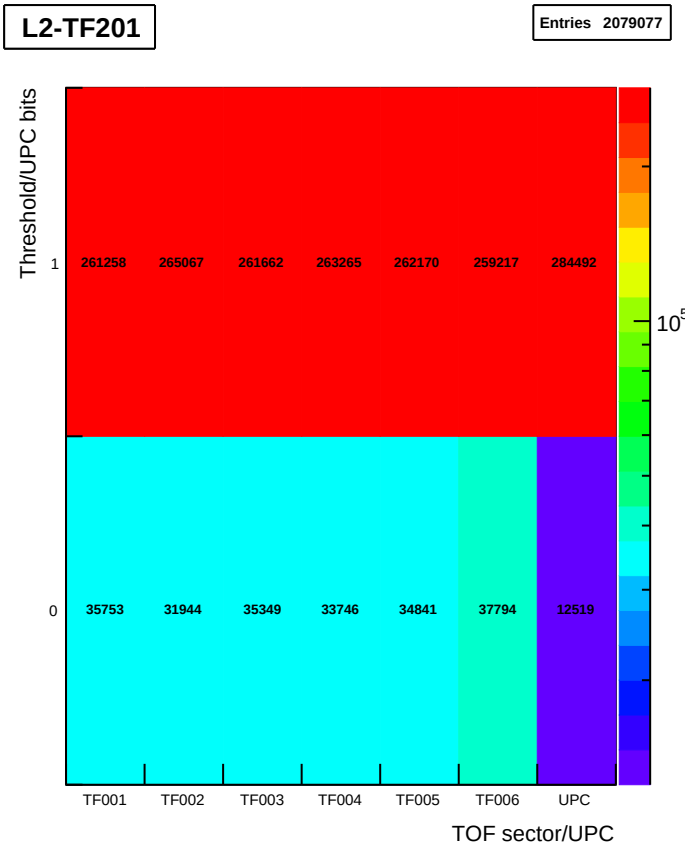

MIX-TF101
Entries 89672
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

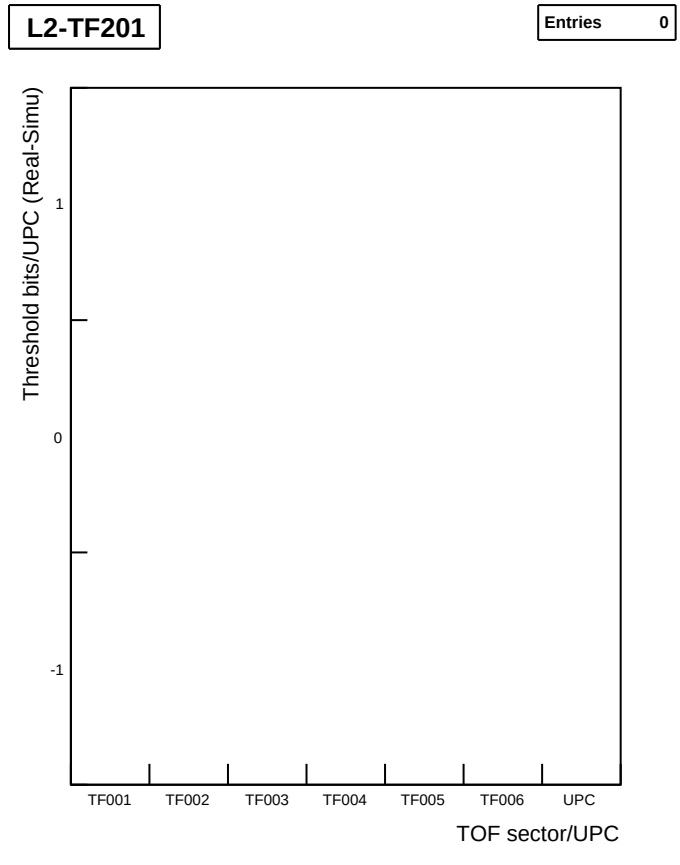

MIX-TF101
Entries 1782066
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

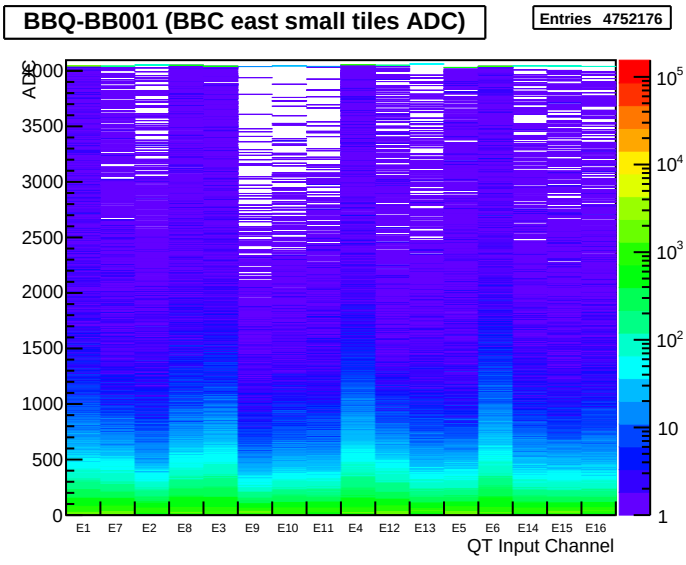

MIX-TF101
Entries 180720
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

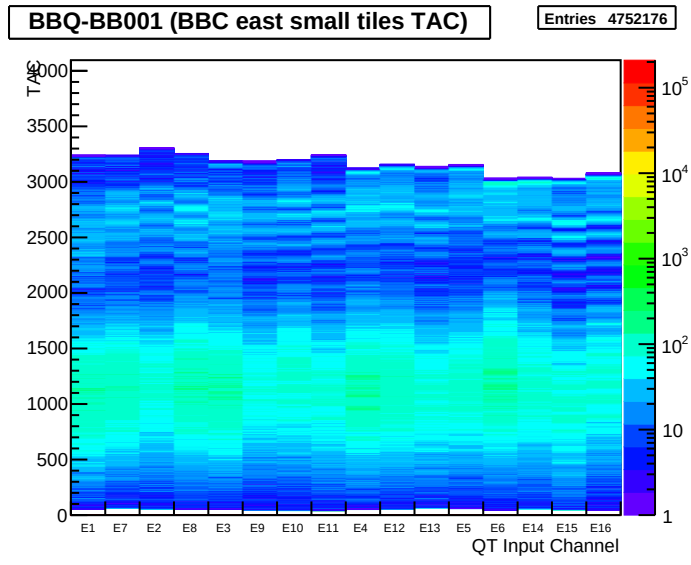

L2-TF201
Entries 297011
TOF total mult

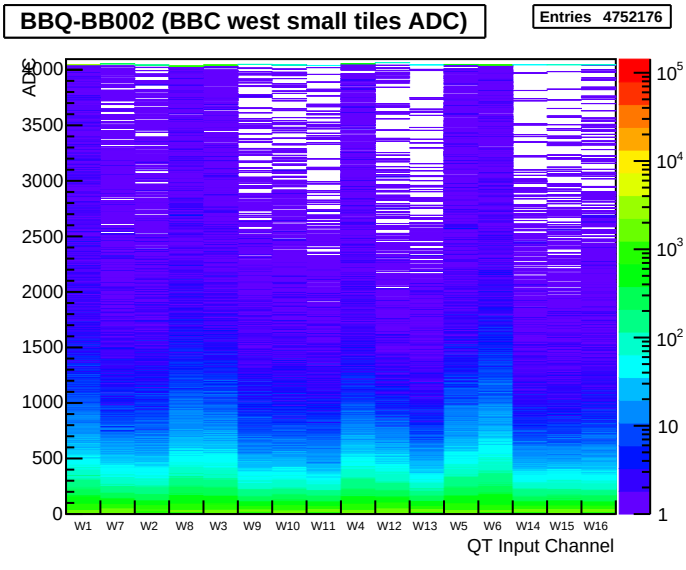

L2-TF201
Entries 0
TOF total mult(Real-Simu)

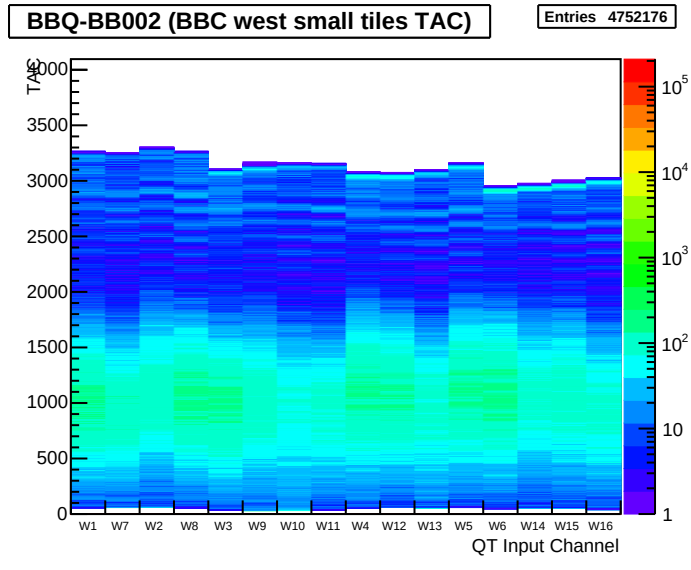

L2-TF201
Entries 2079077
Threshold/UPC bits
261258
265067
261662
263265
262170
259217
284492
35753
31944
35349
33746
34841
37794
12519
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

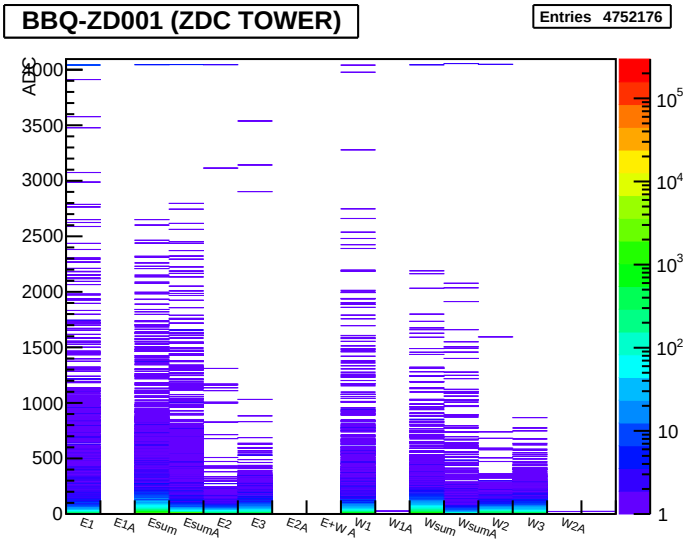

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

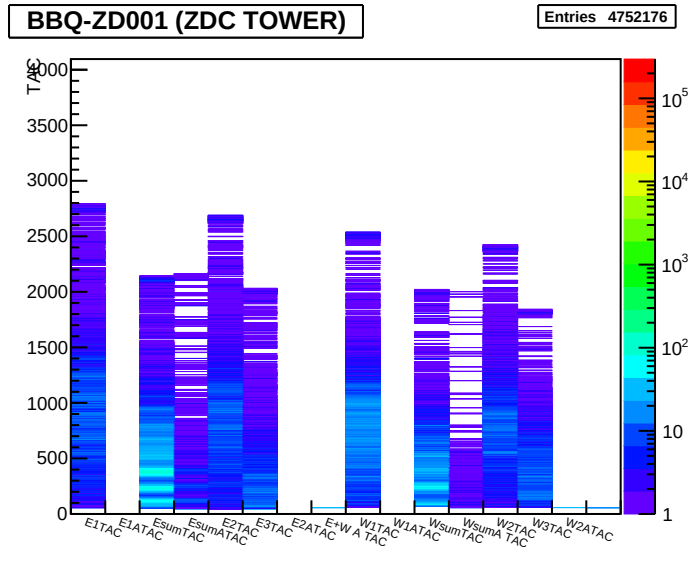

BBQ-BB001 (BBC east small tiles ADC)
Entries 4752176
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

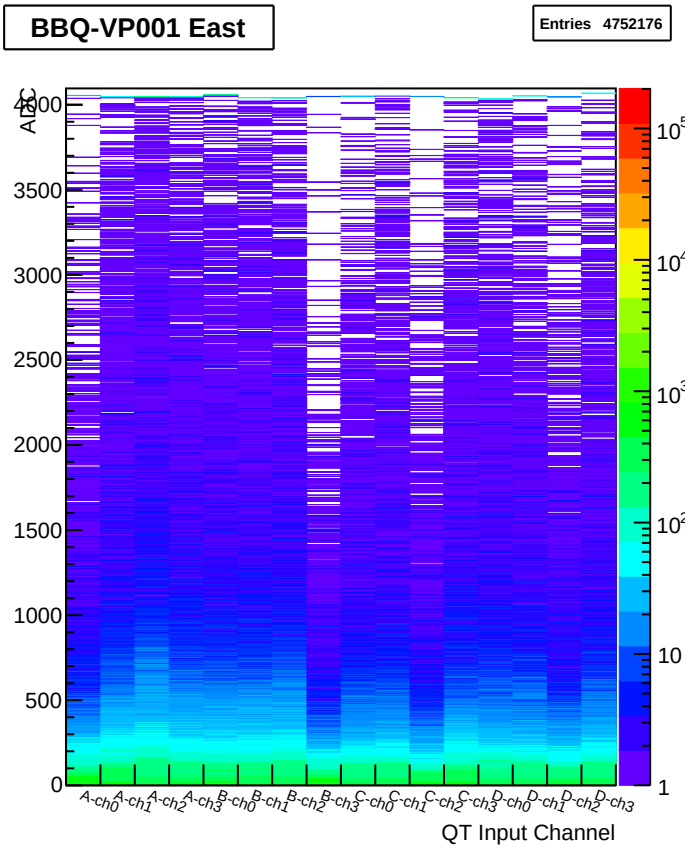

BBQ-BB001 (BBC east small tiles TAC)
Entries 4752176
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

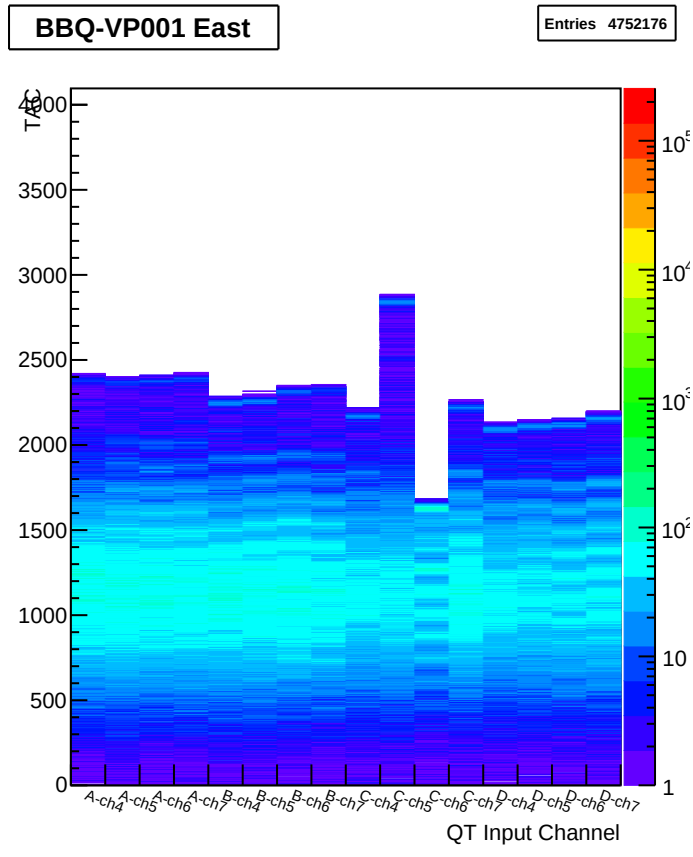

BBQ-BB002 (BBC west small tiles ADC)
Entries 4752176
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

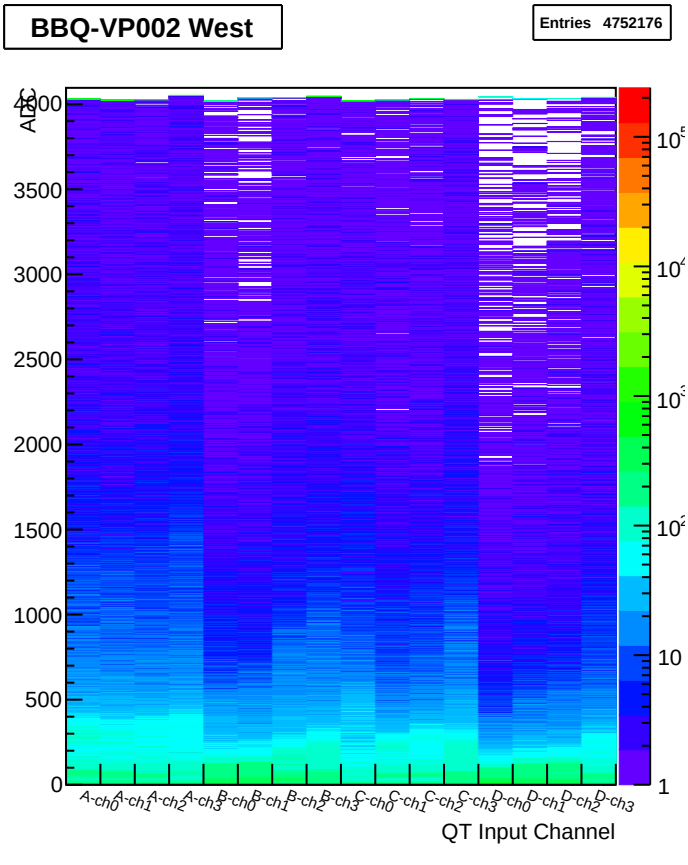

BBQ-BB002 (BBC west small tiles TAC)
Entries 4752176
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

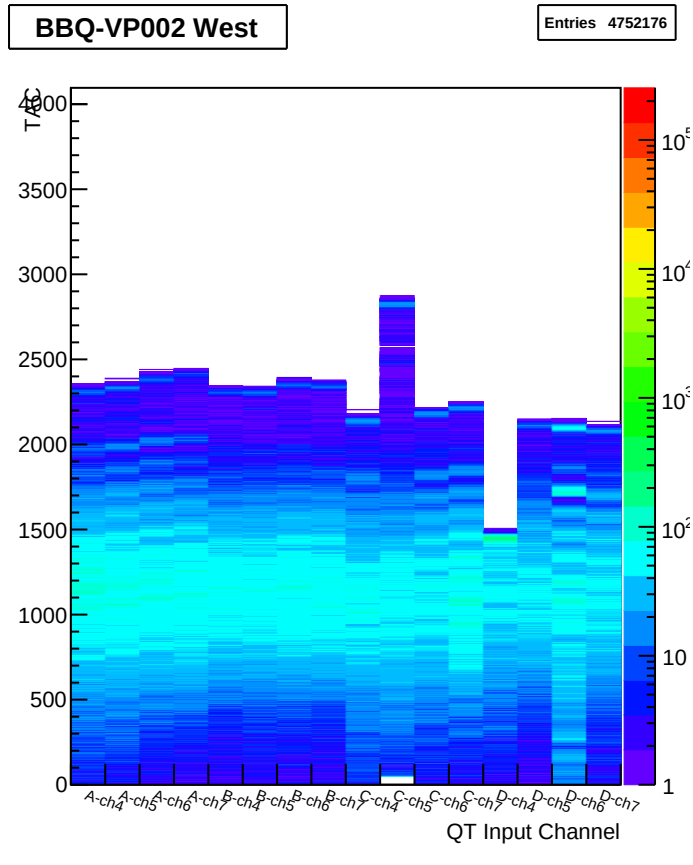

BBQ-ZD001 (ZDC TOWER)
Entries 4752176
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

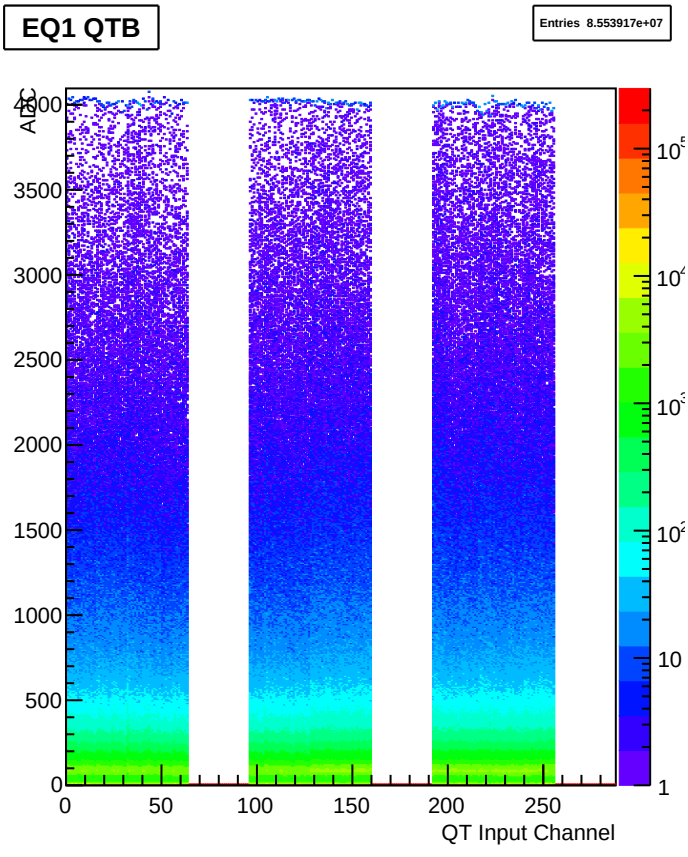

BBQ-ZD001 (ZDC TOWER)
Entries 4752176
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

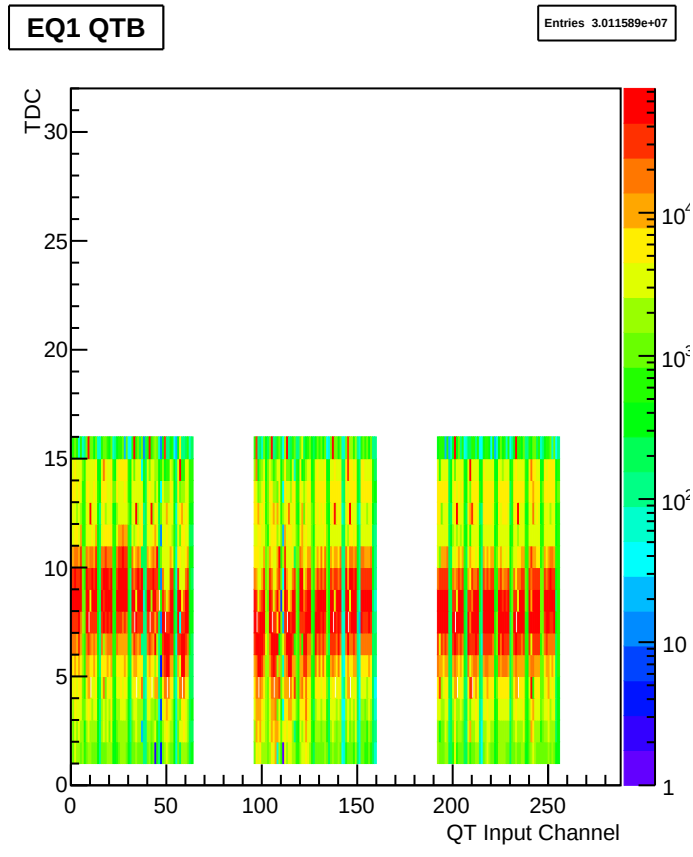

BBQ-VP001 East
Entries 4752176
ADC
QT Input Channel

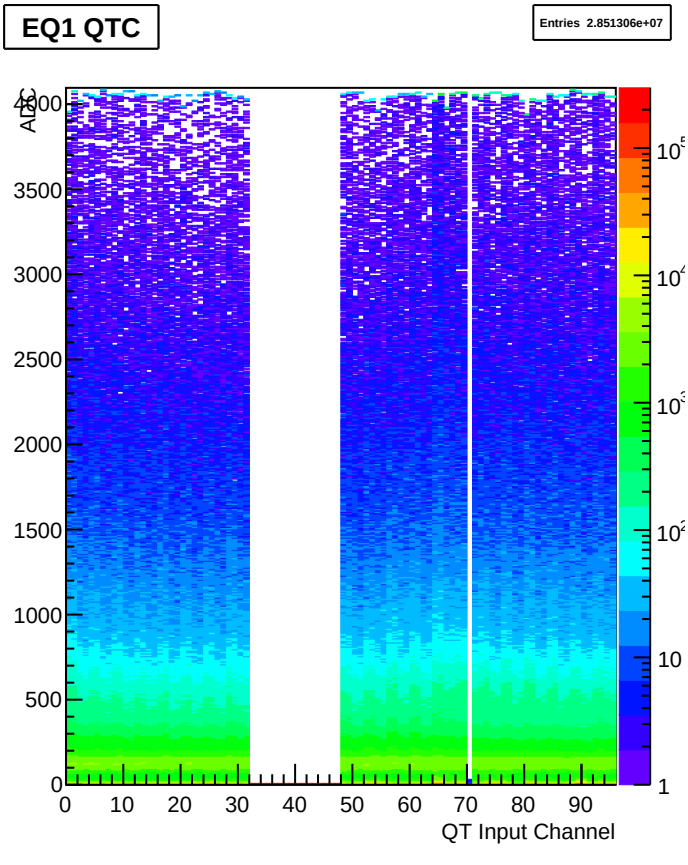

BBQ-VP001 East
Entries 4752176
TADC
QT Input Channel

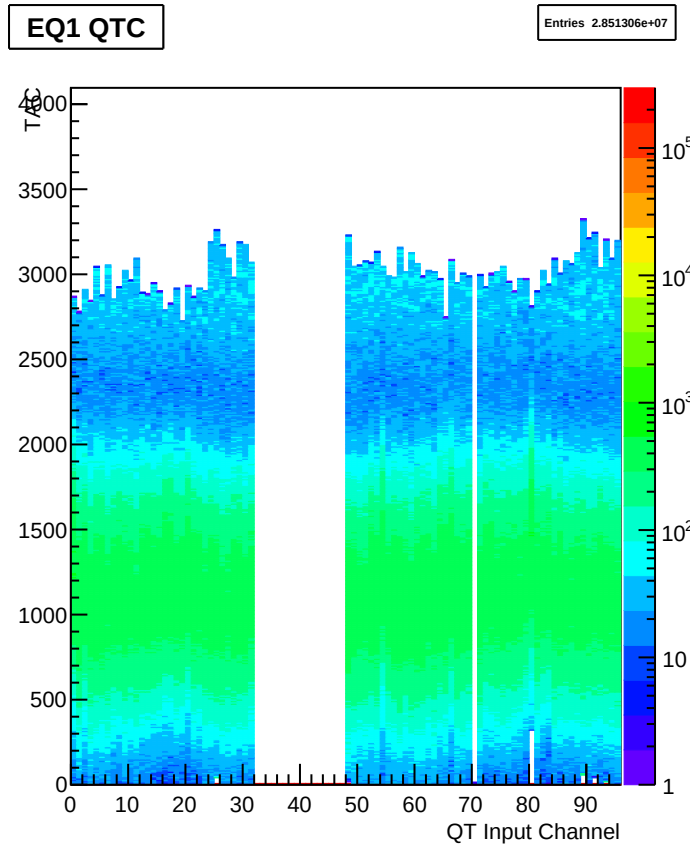

BBQ-VP002 West
Entries 4752176
ADC
QT Input Channel

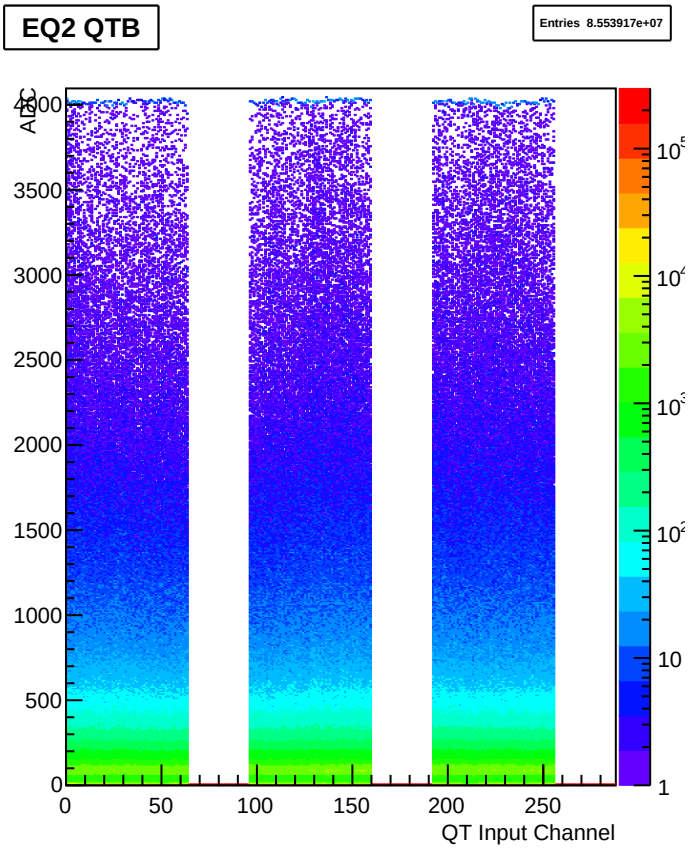

BBQ-VP002 West
Entries 4752176
TADC
QT Input Channel

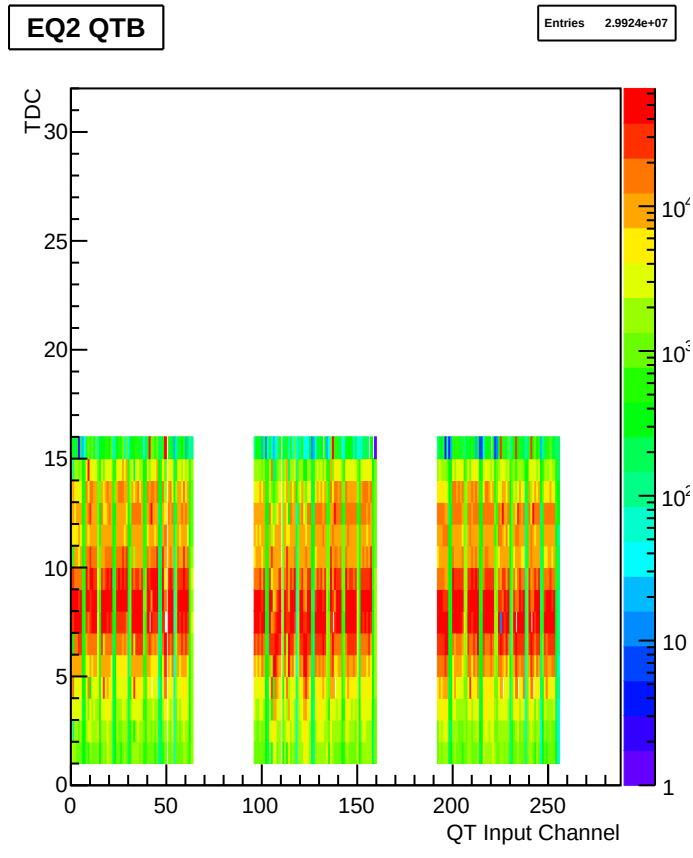

EQ1 QTB
Entries 8.553917e+07
ADC
QT Input Channel

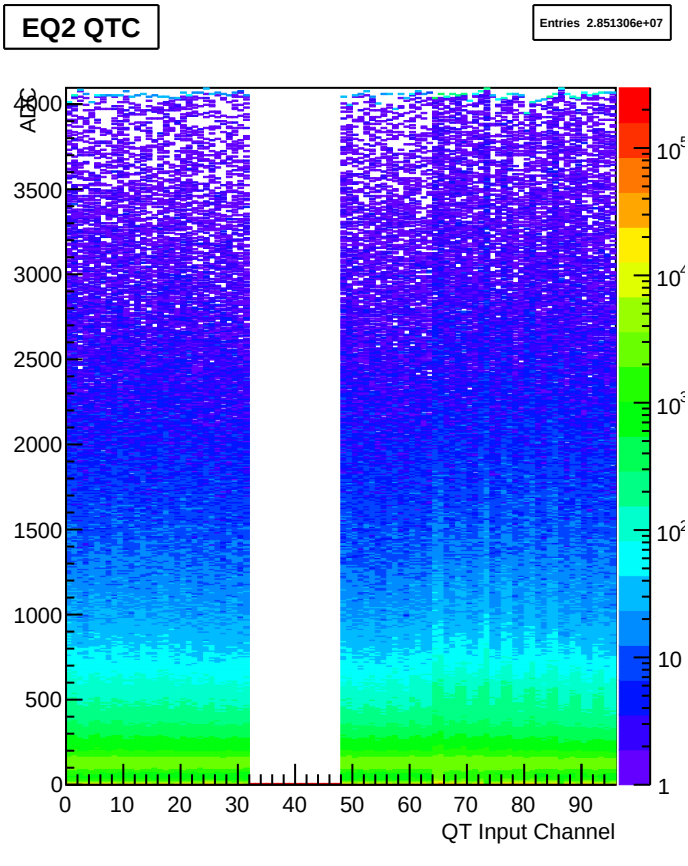

EQ1 QTB
Entries 3.011589e+07
TDC
QT Input Channel

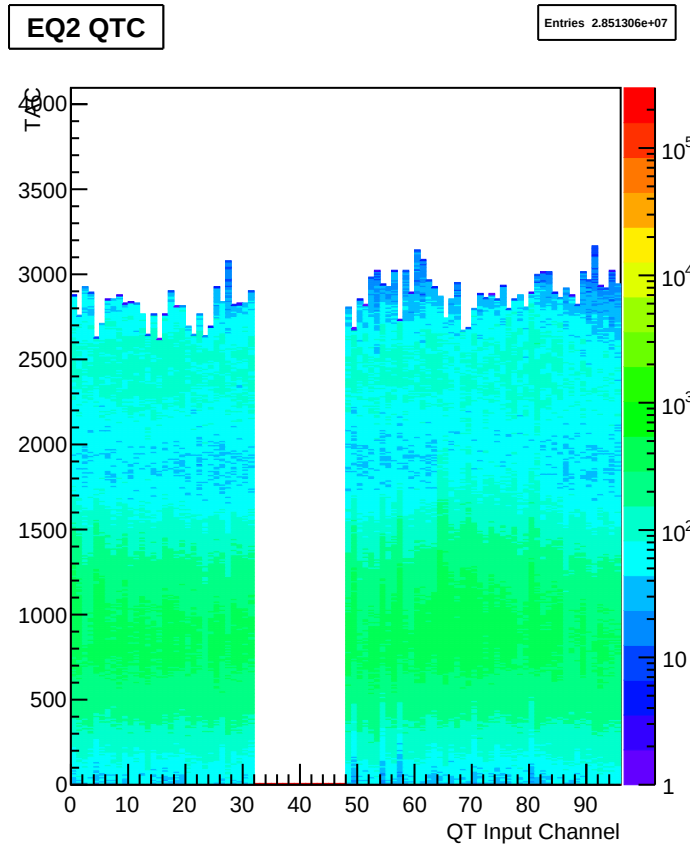

EQ1 QTC
Entries 2.851306e+07
ADC
QT Input Channel

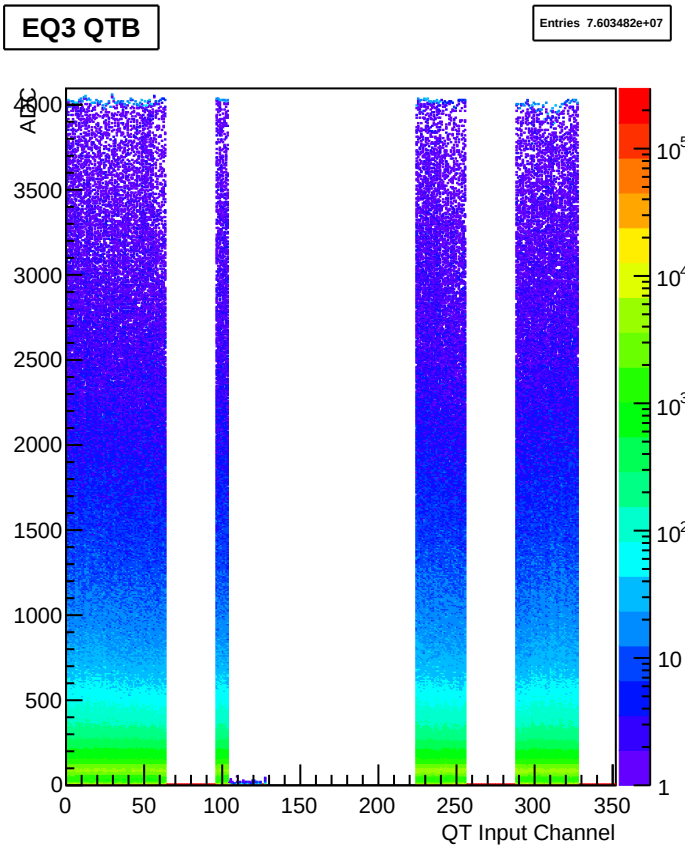

EQ1 QTC
Entries 2.851306e+07
TADC
QT Input Channel

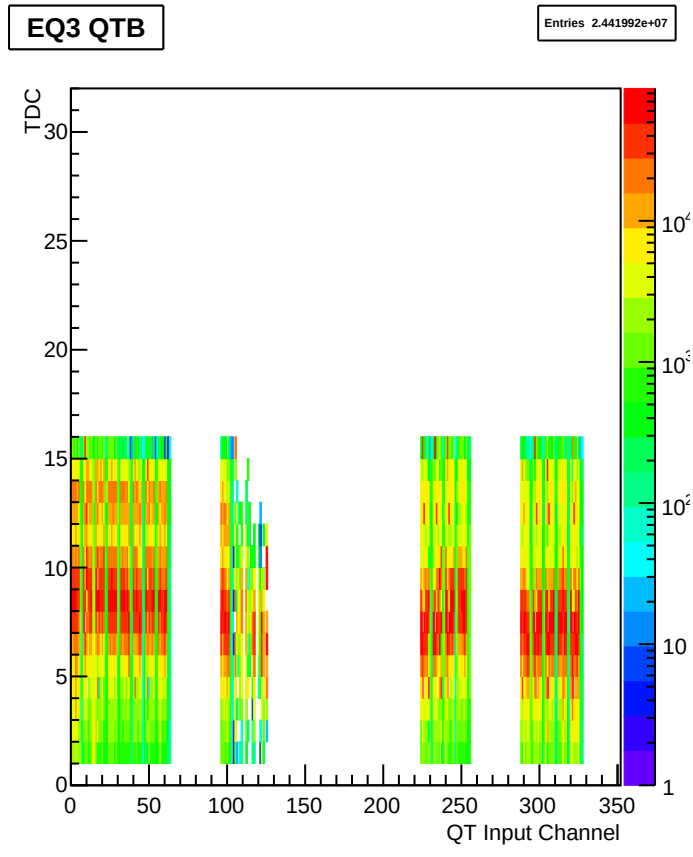

EQ2 QTB
Entries 8.553917e+07
ADC
QT Input Channel

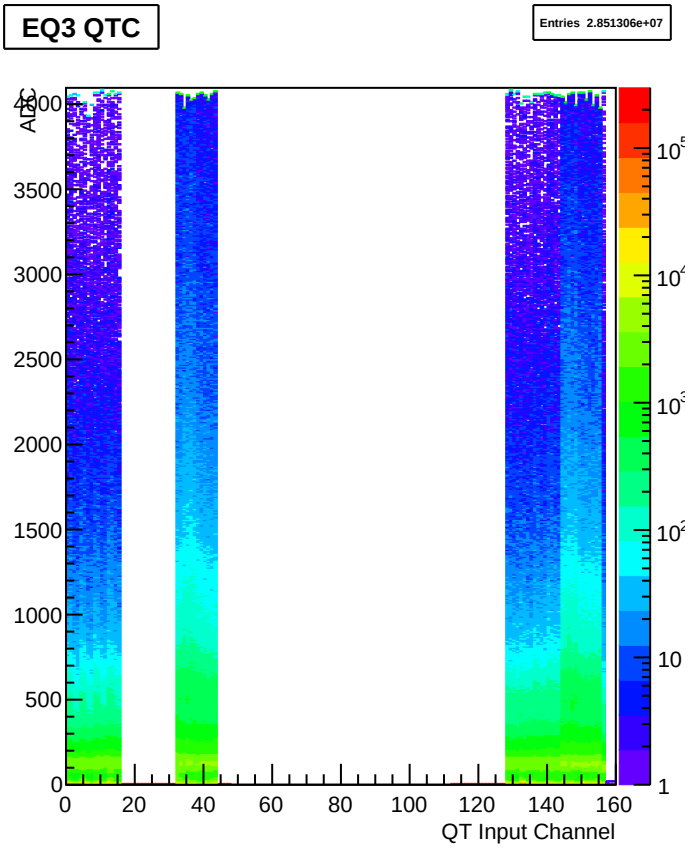

EQ2 QTB
Entries 2.9924e+07
TDC
QT Input Channel

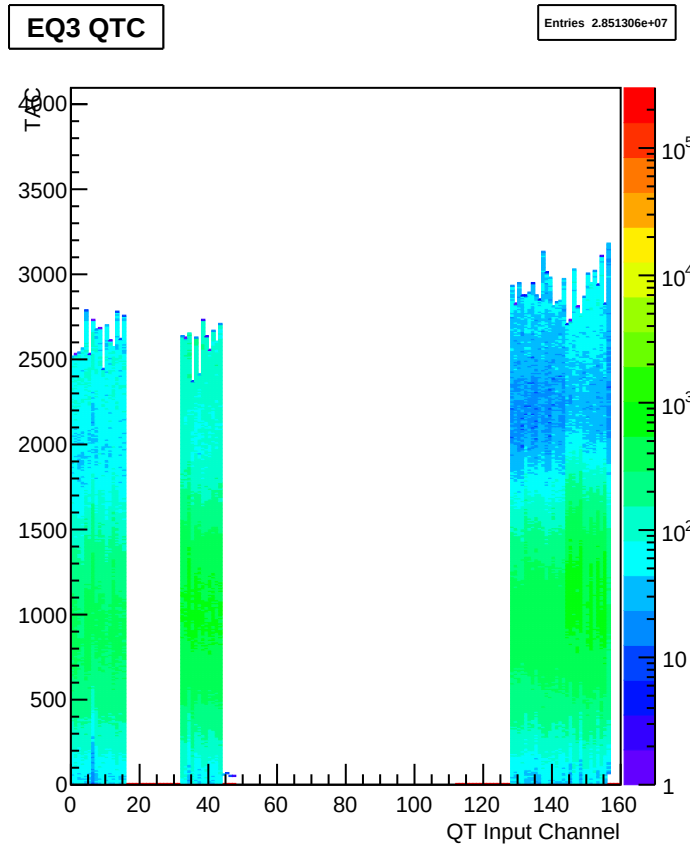

EQ2 QTC
Entries 2.851306e+07
ADC
QT Input Channel

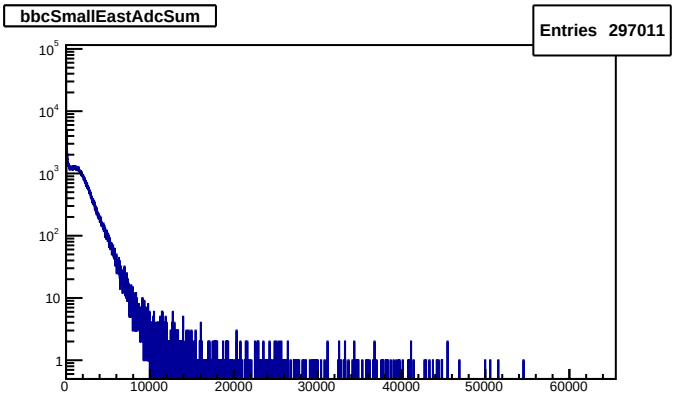

EQ2 QTC
Entries 2.851306e+07
TADC
QT Input Channel

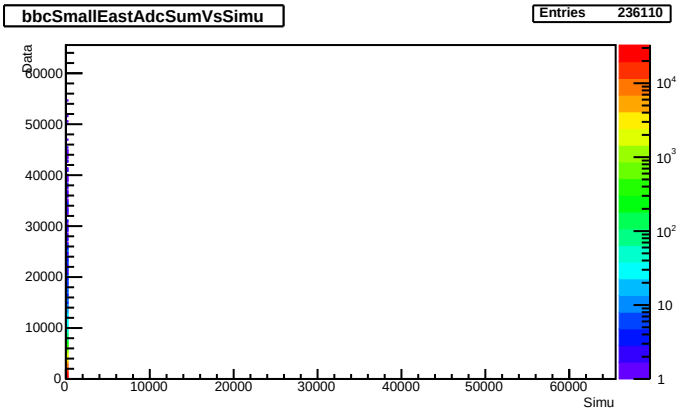

EQ3 QTB
Entries 7.603482e+07
ADC
QT Input Channel

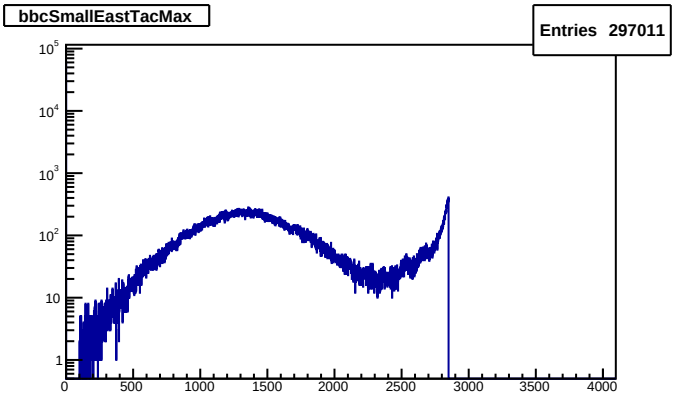

EQ3 QTB
Entries 2.441992e+07
TDC
QT Input Channel

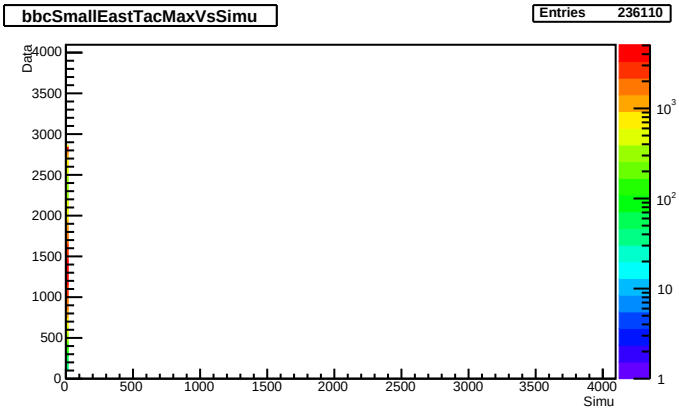

EQ3 QTC
Entries 2.851306e+07
ADC
QT Input Channel

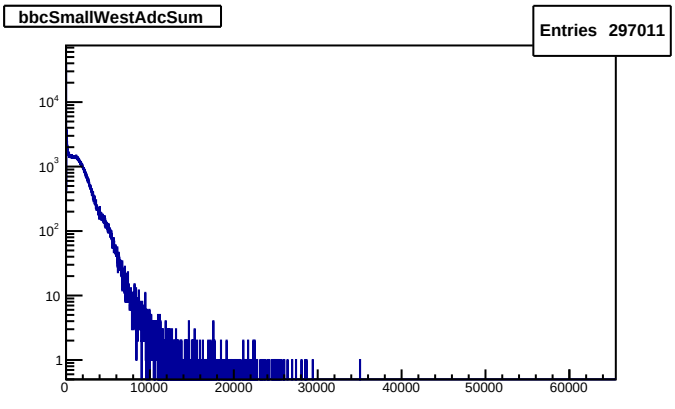

EQ3 QTC
Entries 2.851306e+07
TADC
QT Input Channel

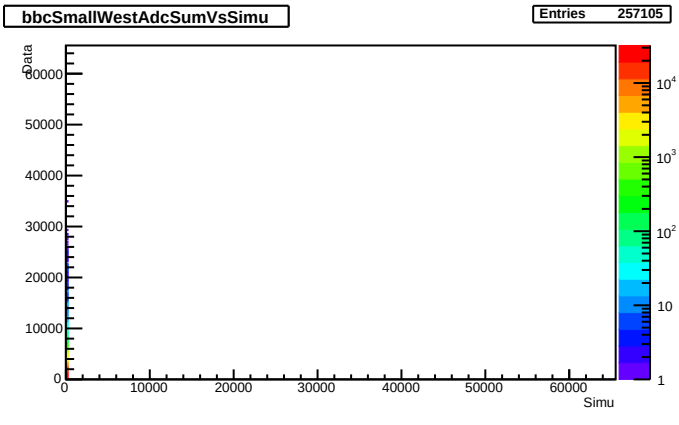

bbcSmallEastAdcSum
Entries 297011

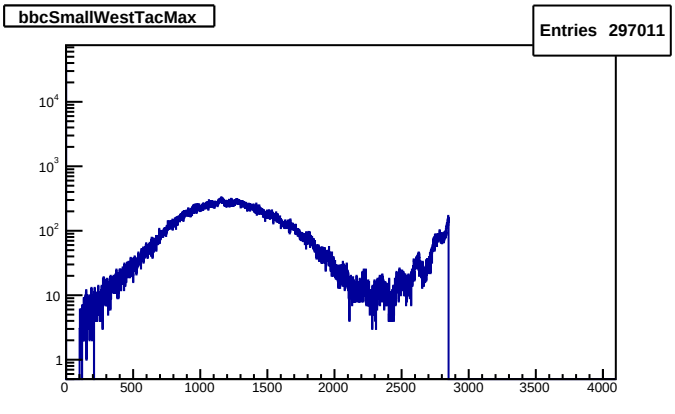

bbcSmallEastAdcSumVsSimu
Entries 236110
Data
Simu

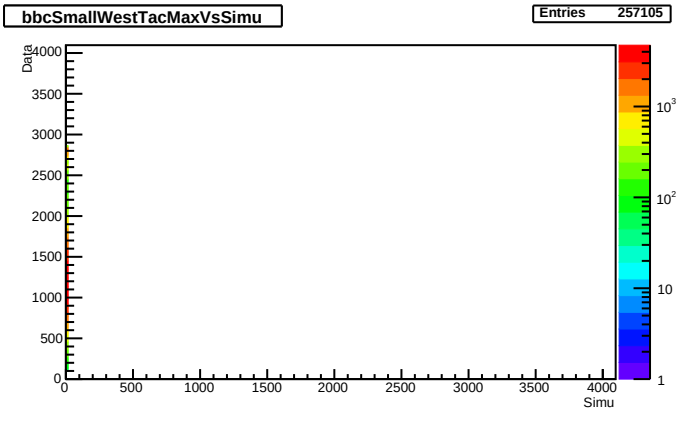

bbcSmallEastTacMax
Entries 297011

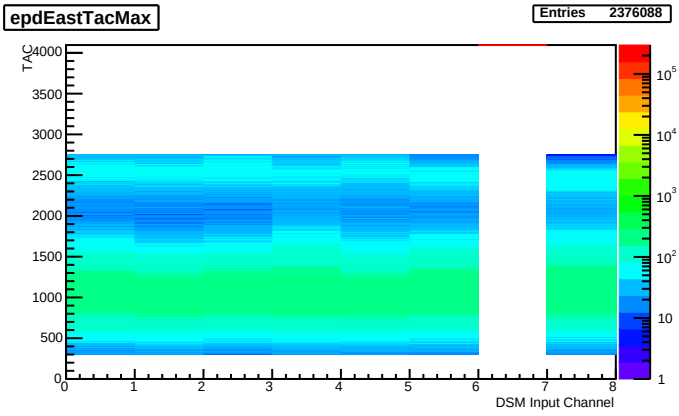

bbcSmallEastTacMaxVsSimu
Entries 236110
Data
Simu

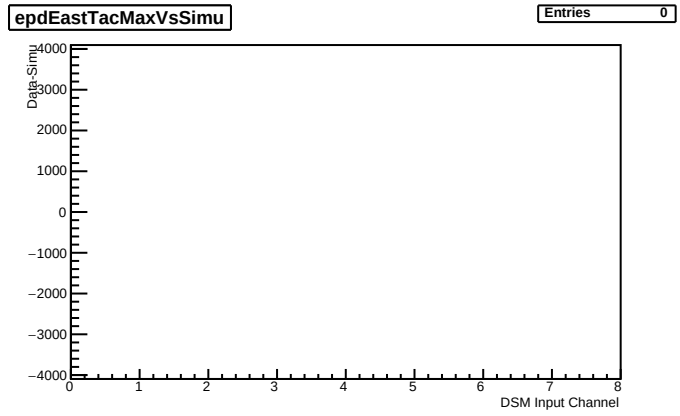

bbcSmallWestAdcSum
Entries 297011

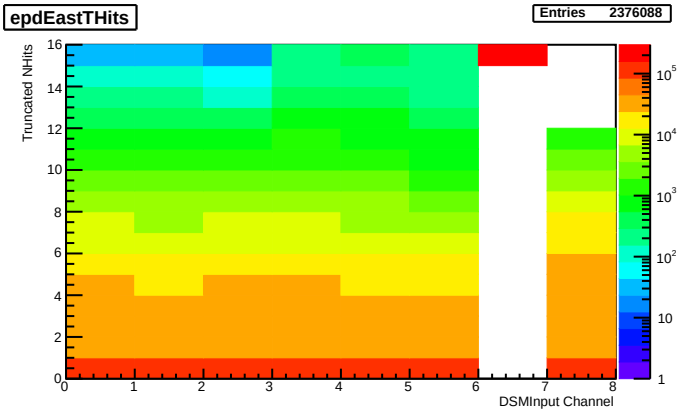

bbcSmallWestAdcSumVsSimu
Entries 257105
Data
Simu

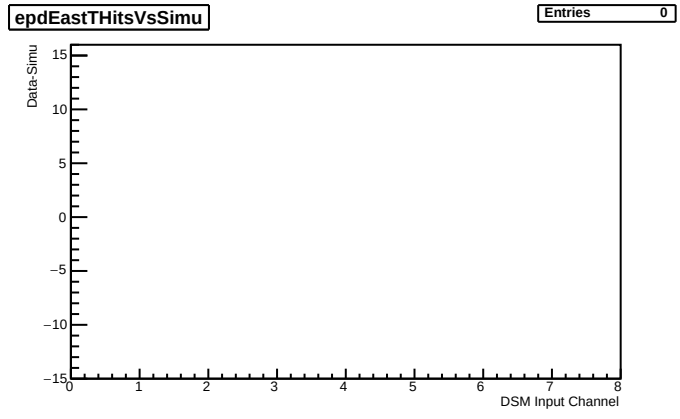

bbcSmallWestTacMax
Entries 297011

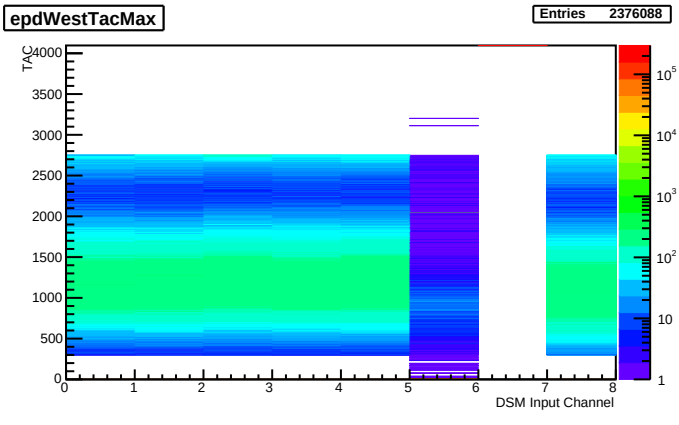

bbcSmallWestTacMaxVsSimu
Entries 257105
Data
Simu

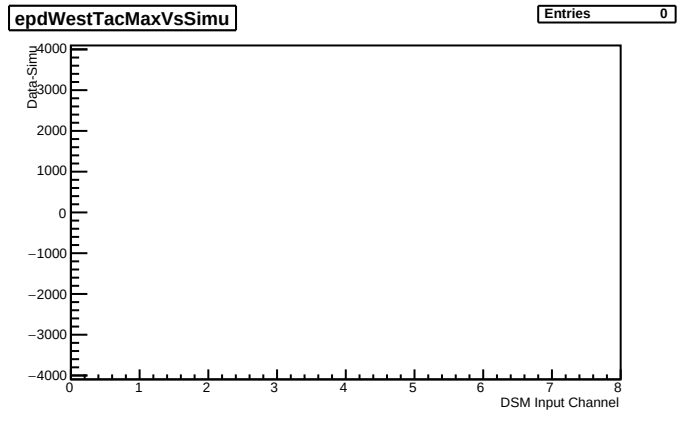

epdEastTacMax
Entries 2376088
TAC
DSM Input Channel

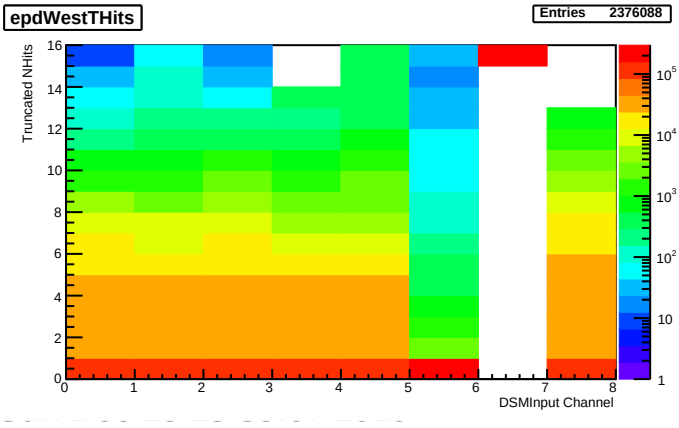

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

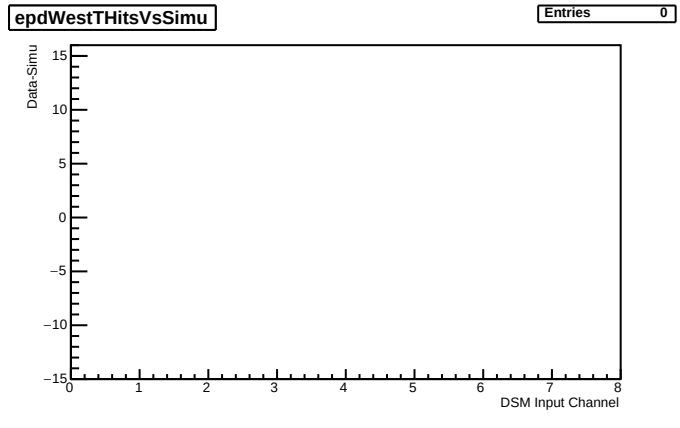

epdEastTHits
Entries 2376088
Truncated NHits
DSMInput Channel

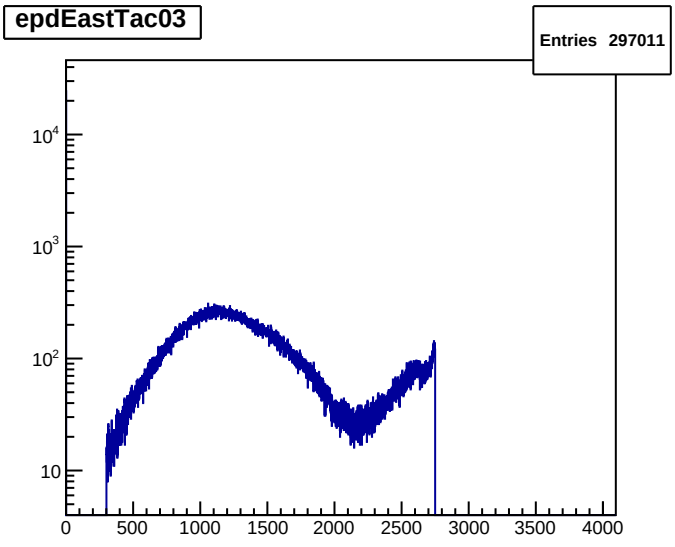

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

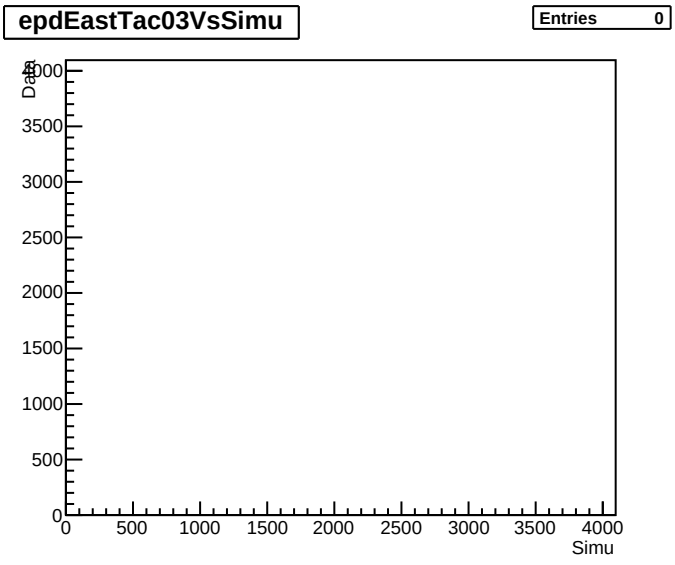

epdWestTacMax
Entries 2376088
TAC
DSM Input Channel

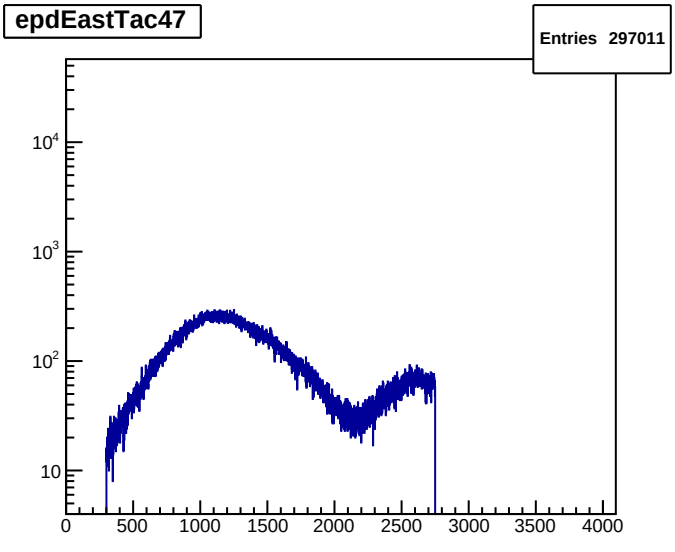

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

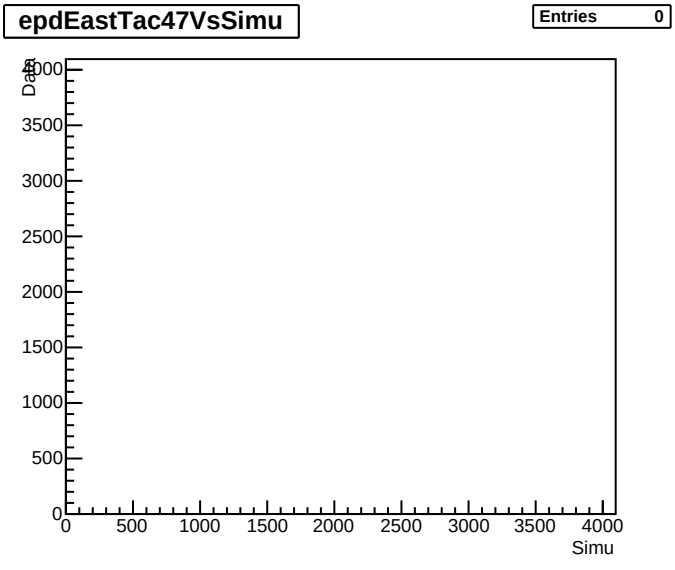

epdWestTHits
Entries 2376088
Truncated NHits
DSMInput Channel

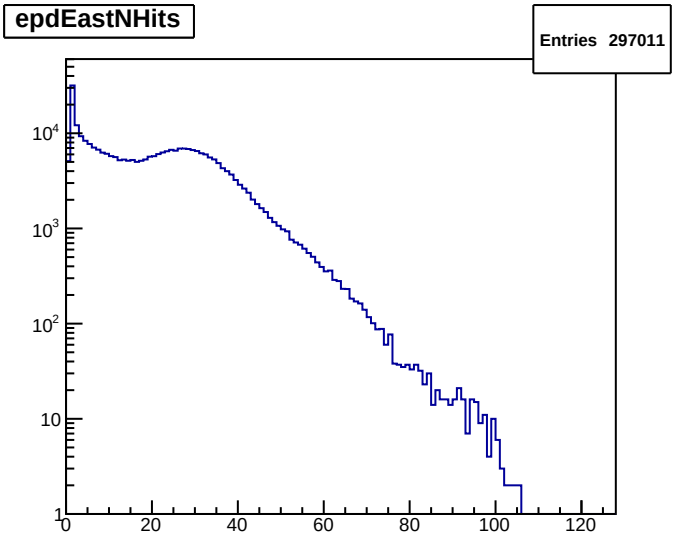

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

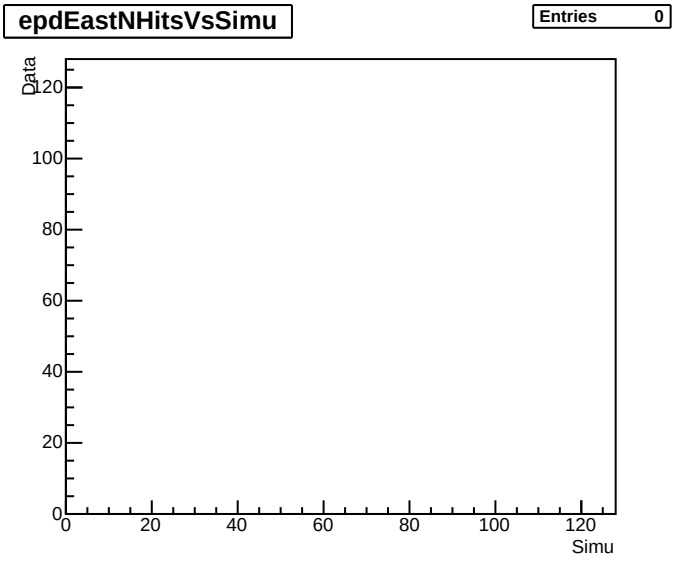

epdEastTac03
Entries 297011


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 297011


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 297011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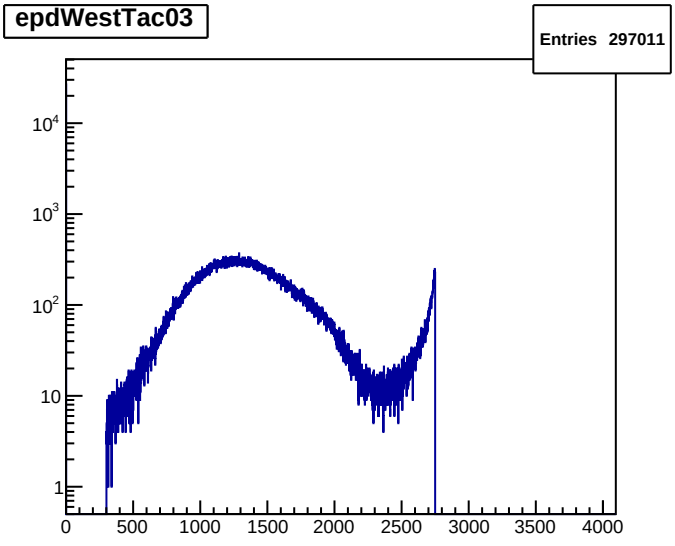
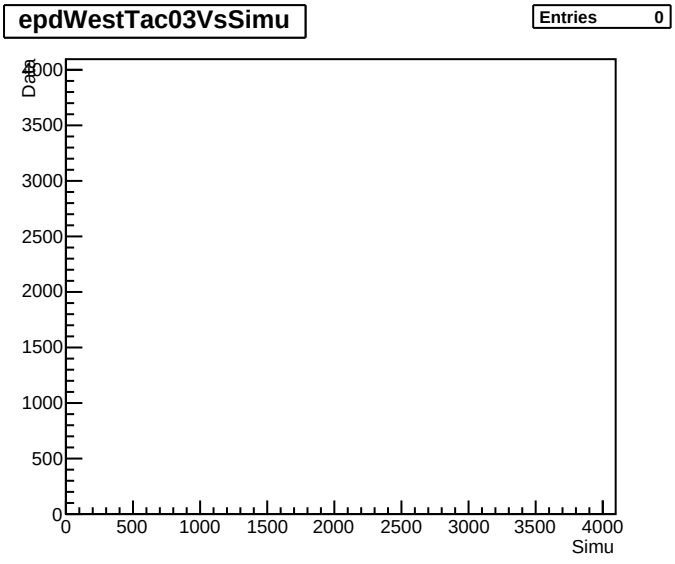
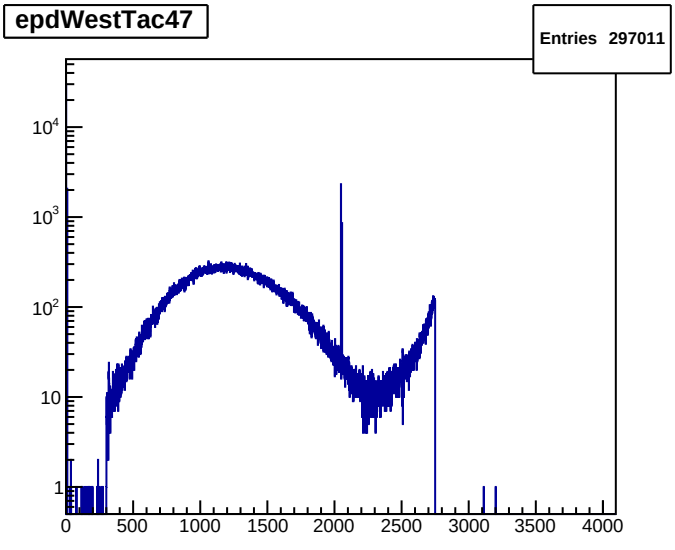
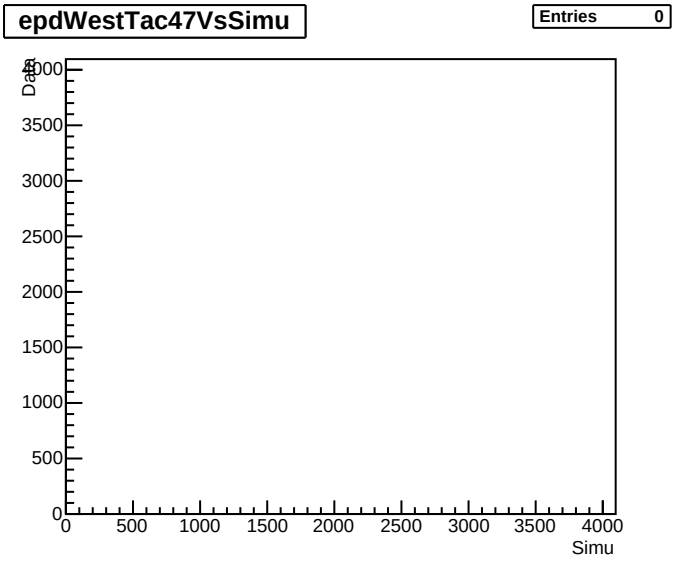
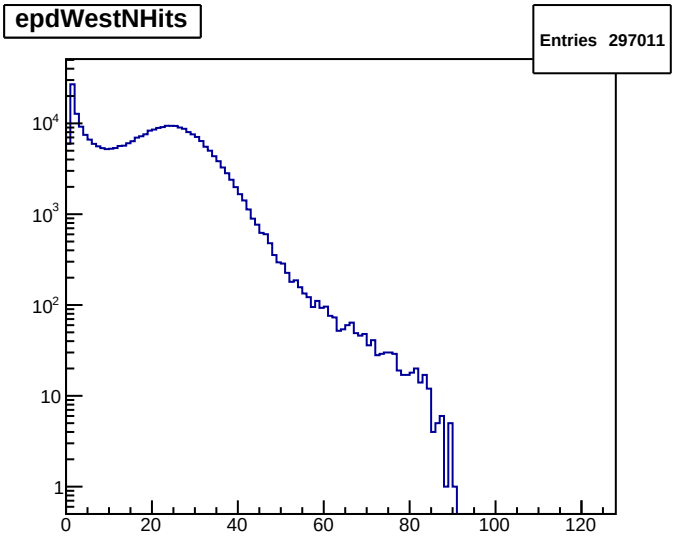
Entries 0
Data
Simu

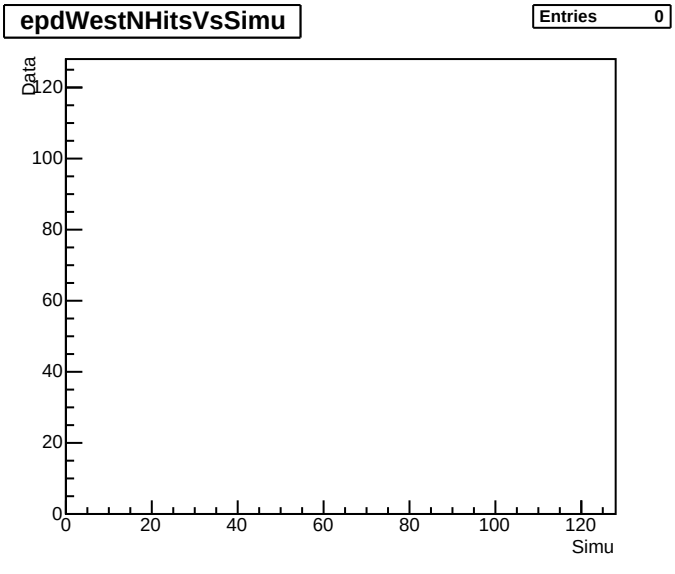

epdWestTac03
Entries 297011

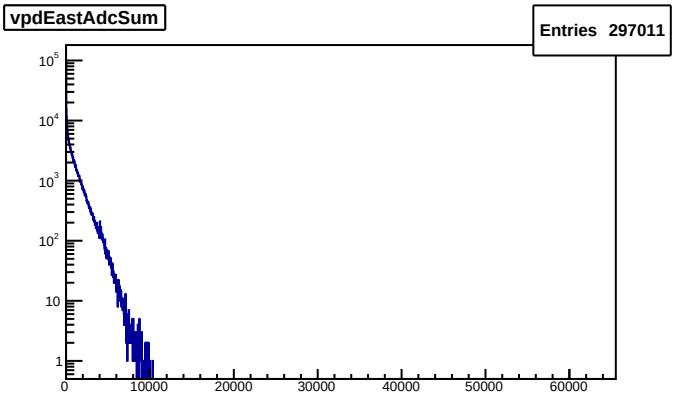

epdWestTac03VsSimu
Entries 0
Data
Simu

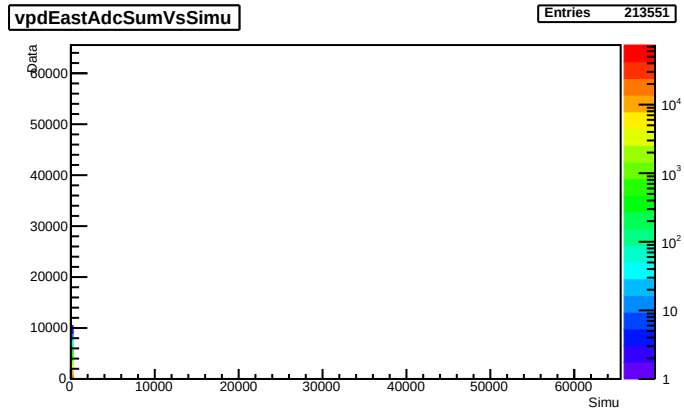

epdWestTac47
Entries 297011

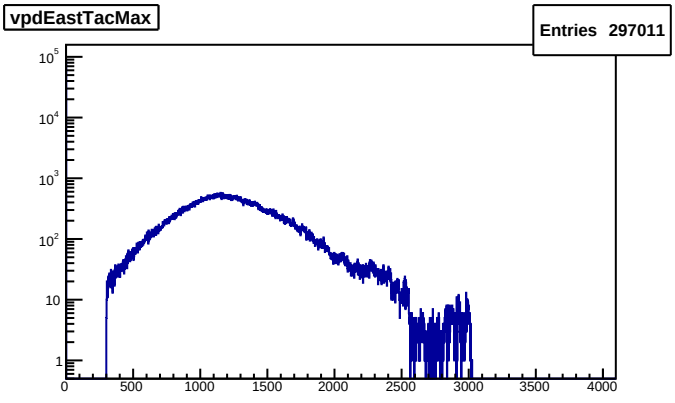

epdWestTac47VsSimu
Entries 0
Data
Simu

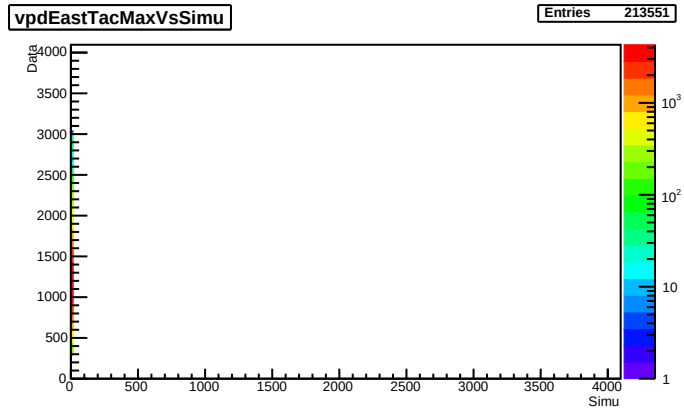

epdWestNHits
Entries 297011

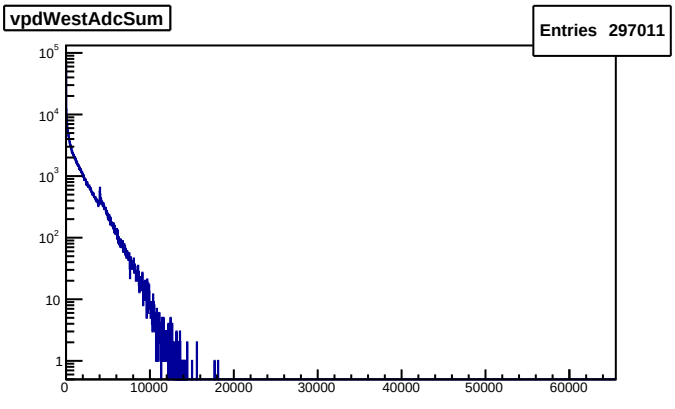

epdWestNHitsVsSimu
Entries 0
Data
Simu

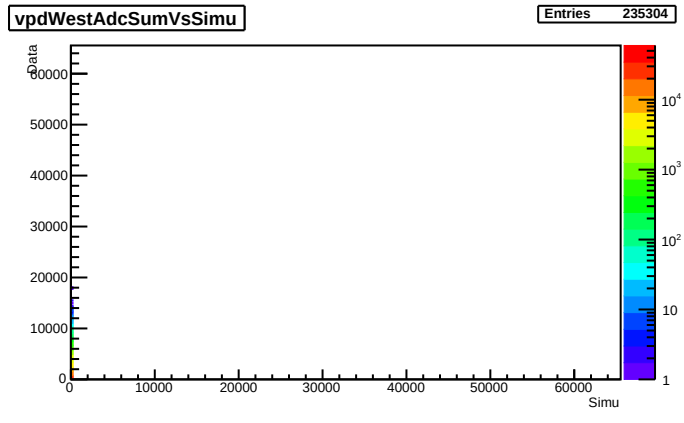

vpdEastAdcSum
Entries 297011

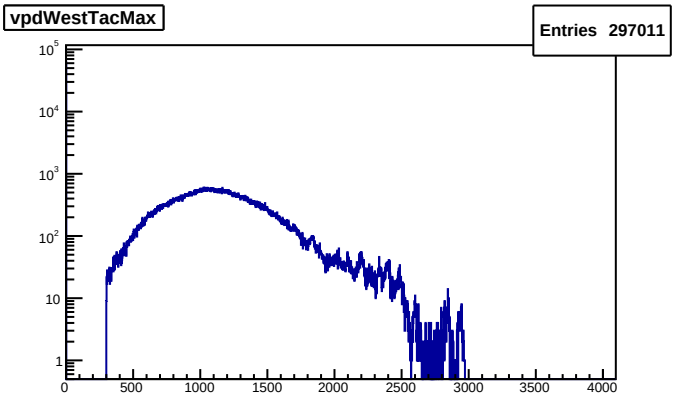

vpdEastAdcSumVsSimu
Entries 213551
Data
Simu

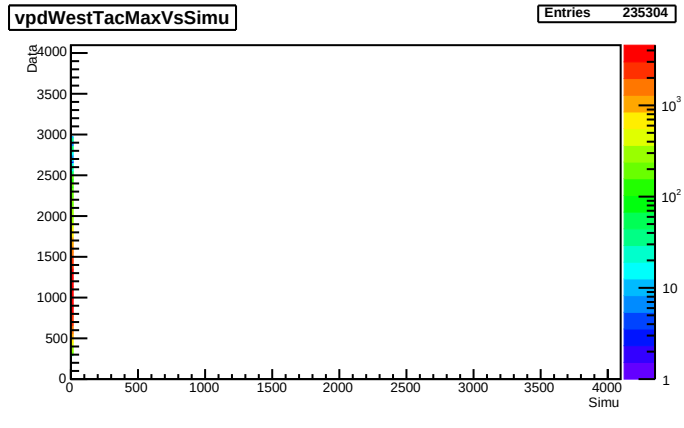

vpdEastTacMax
Entries 297011

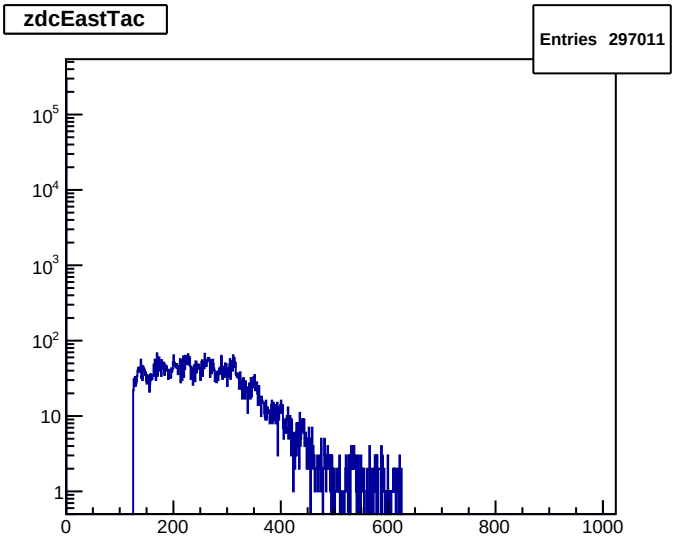

vpdEastTacMaxVsSimu
Entries 213551
Data
Simu

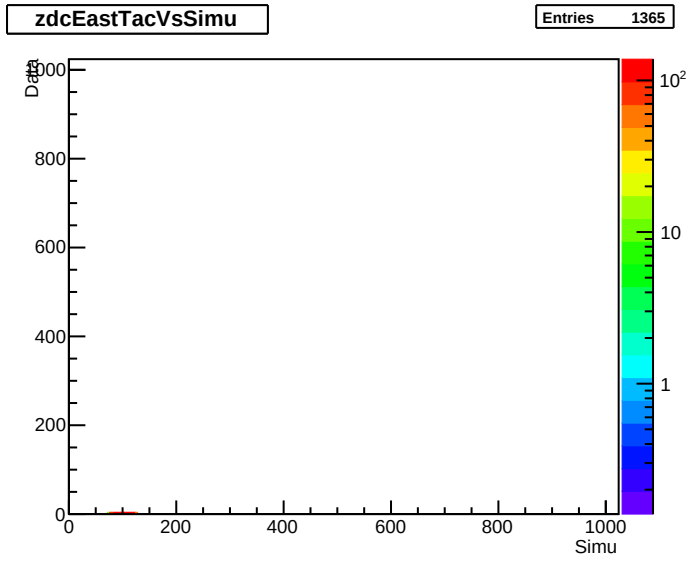

vpdWestAdcSum
Entries 297011

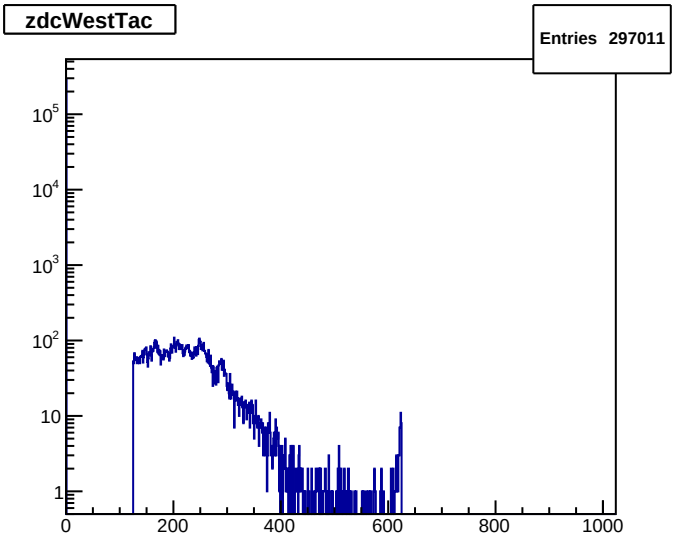

vpdWestAdcSumVsSimu
Entries 235304
Data
Simu

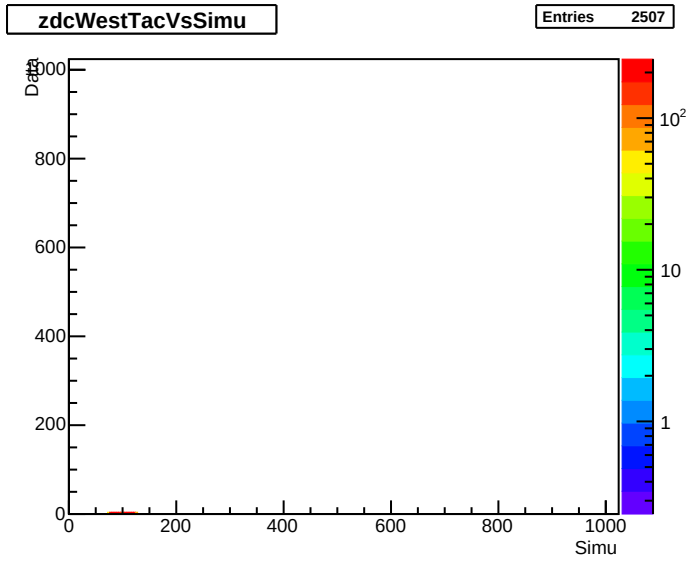

vpdWestTacMax
Entries 297011

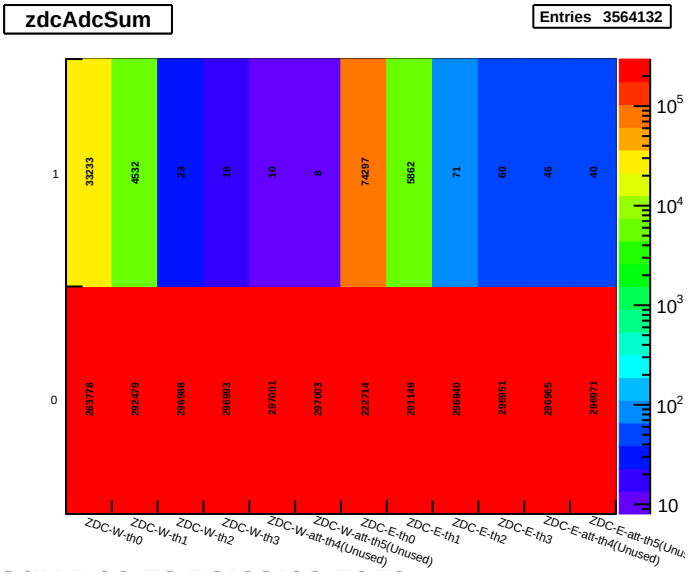

vpdWestTacMaxVsSimu
Entries 235304
Data
Simu

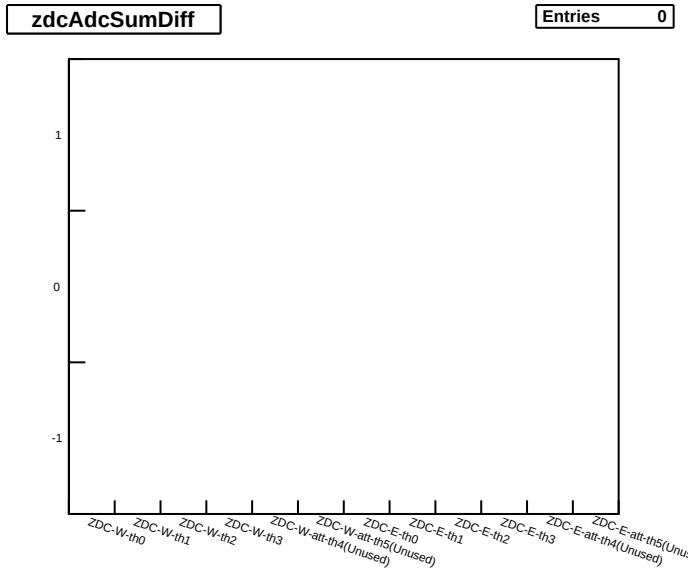

zdcEastTac
Entries 297011

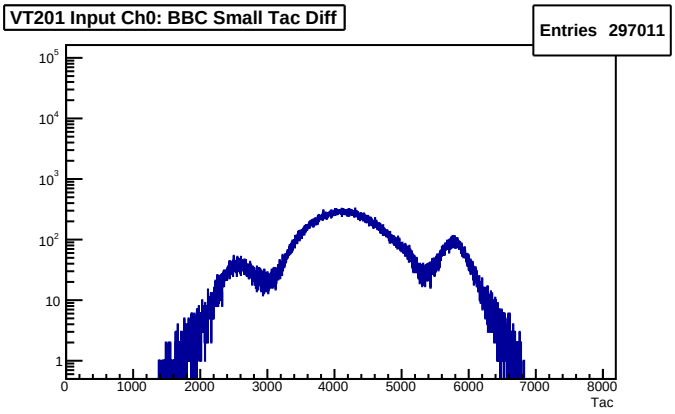

zdcEastTacVsSimu
Entries 1365
Data
Simu

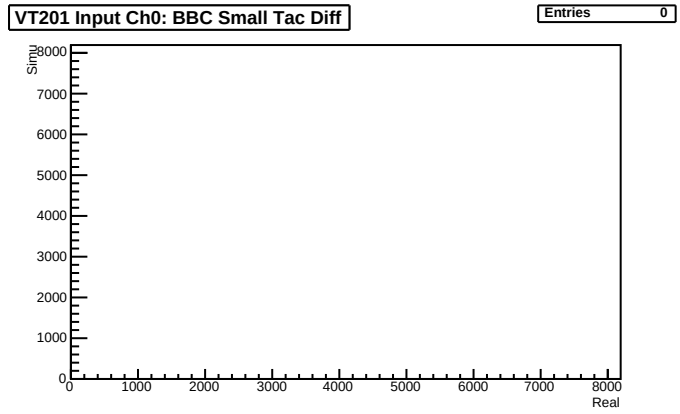

zdcWestTac
Entries 297011

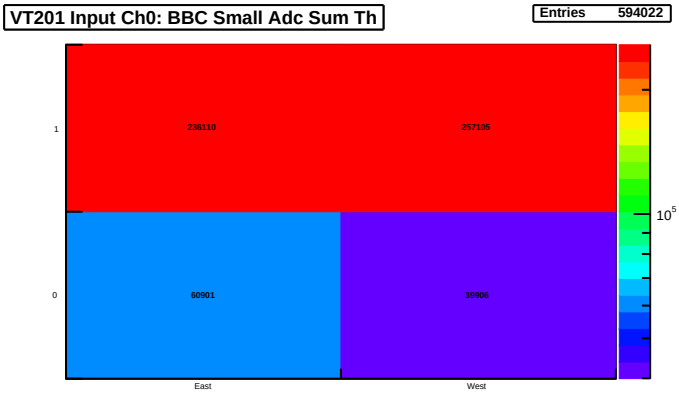

zdcWestTacVsSimu
Entries 2507
Data
Simu

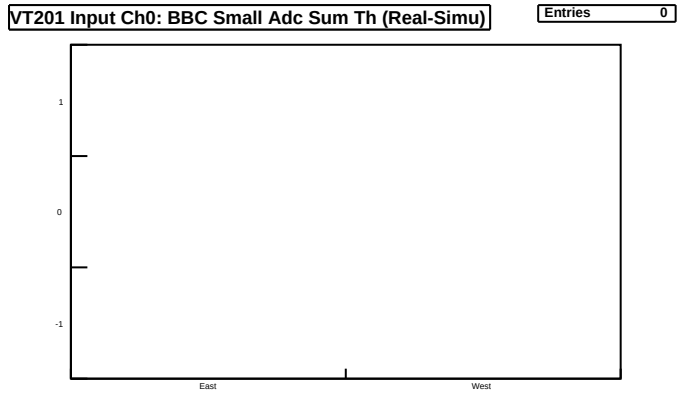

zdcAdcSum
Entries 3564132
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

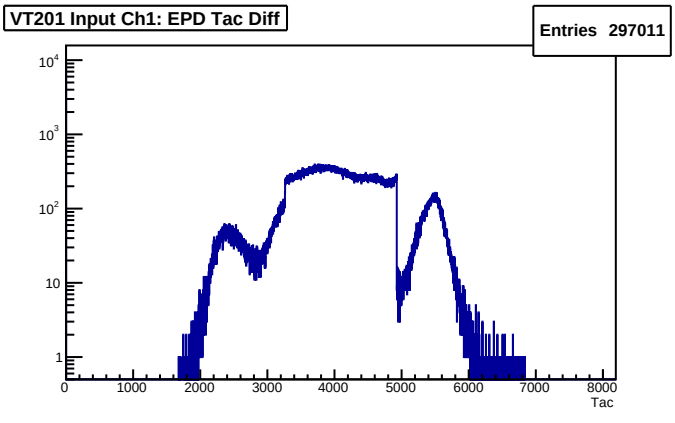

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

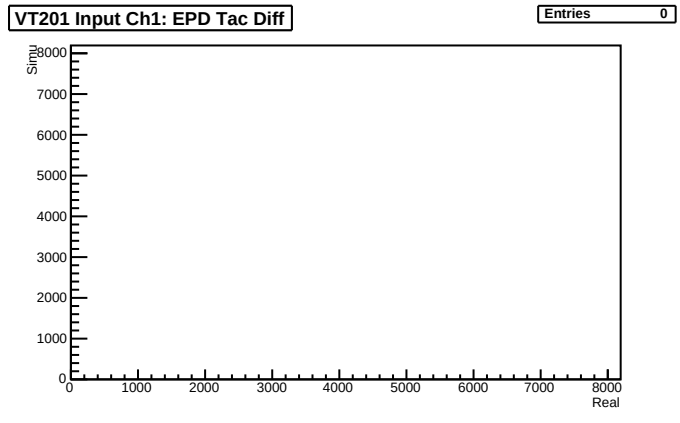

VT201 Input Ch0: BBC Small Tac Diff
Entries 297011
Tac

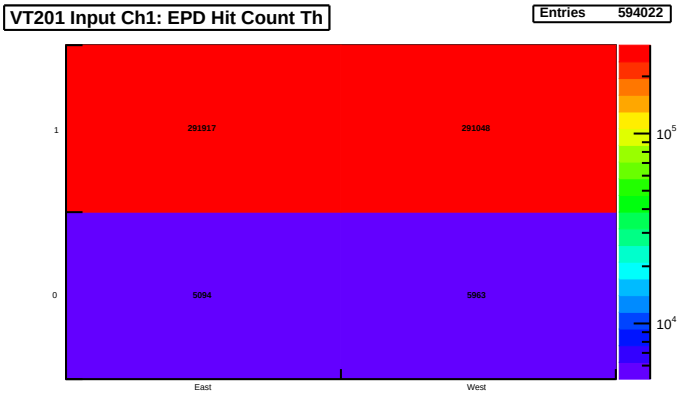

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

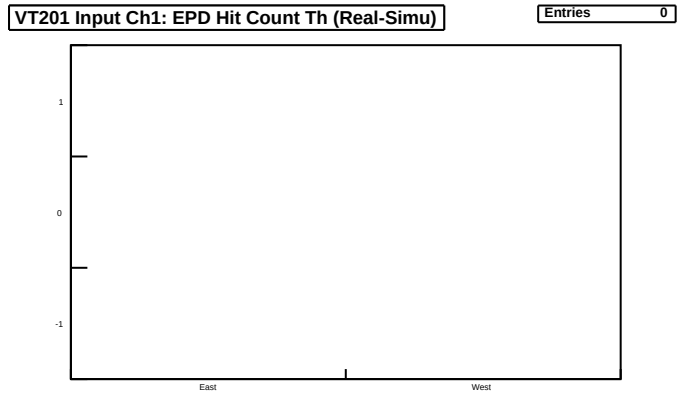

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 594022
236110
257105
60901
39906
East
West

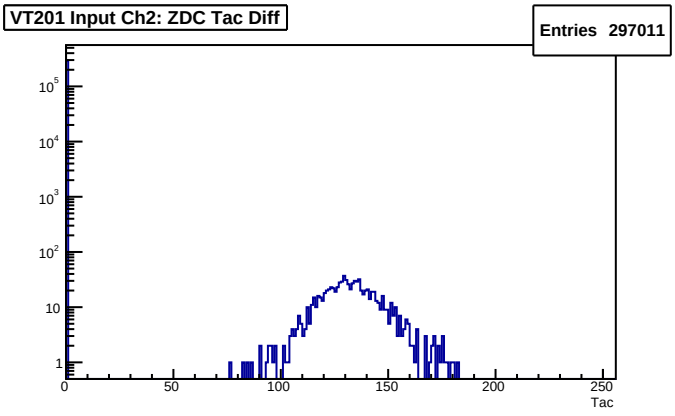

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

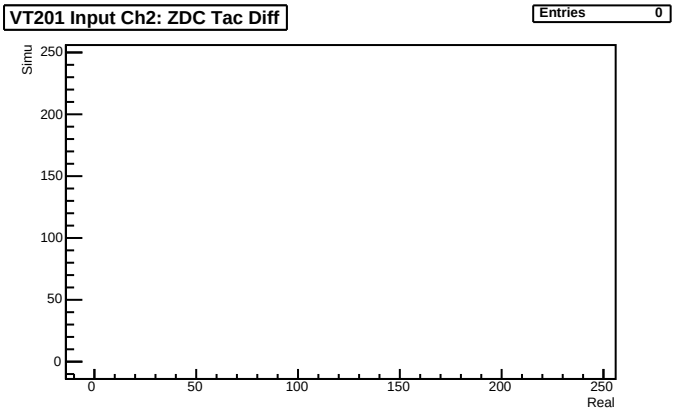

VT201 Input Ch1: EPD Tac Diff
Entries 297011
Tac

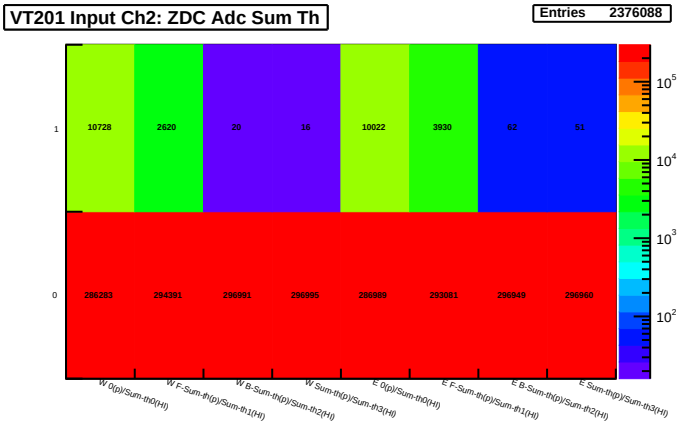

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

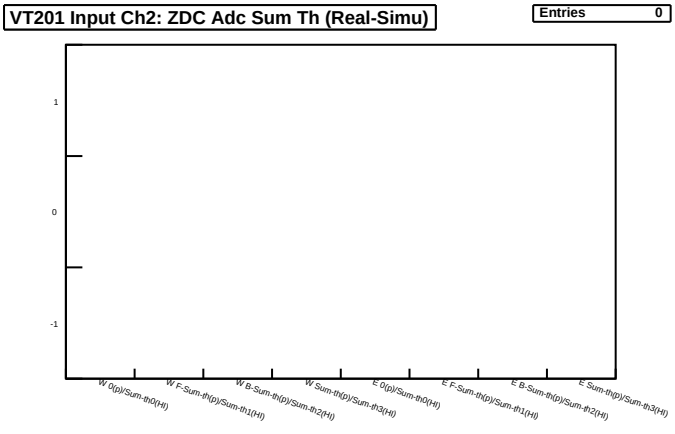

VT201 Input Ch1: EPD Hit Count Th
Entries 594022
291917
291048
5094
5963
East
West

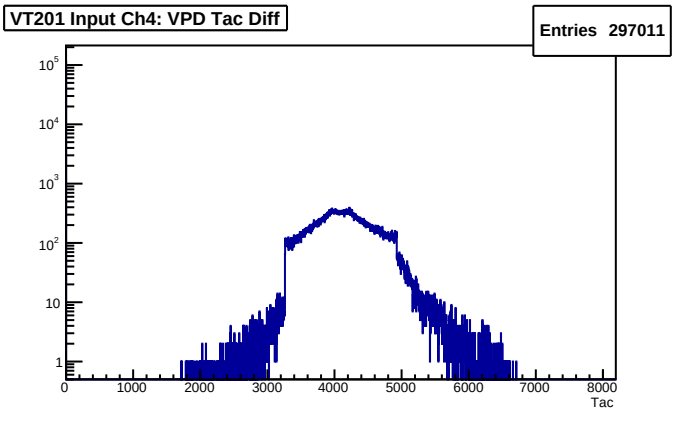

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

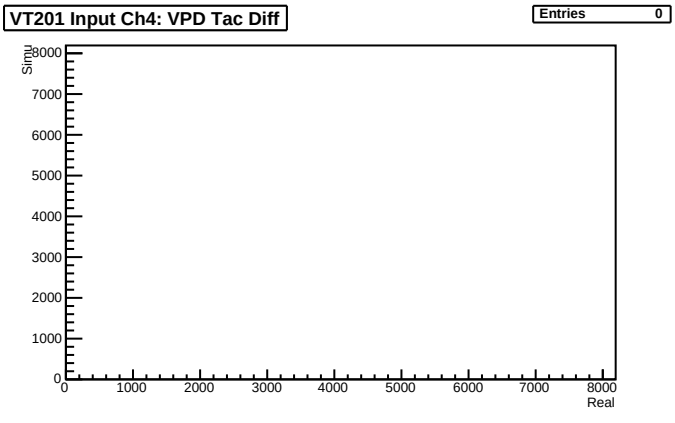

VT201 Input Ch2: ZDC Tac Diff
Entries 297011
Tac

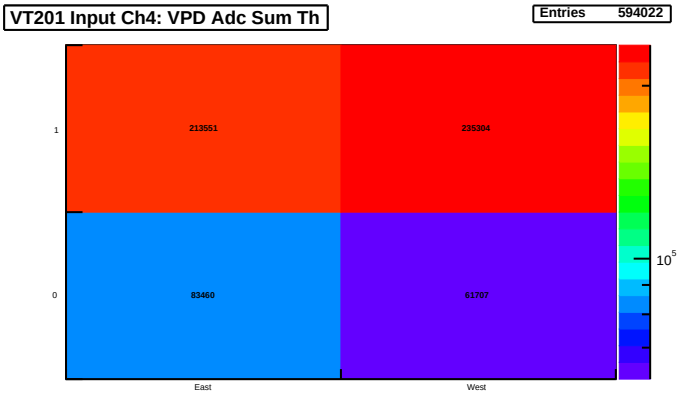

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

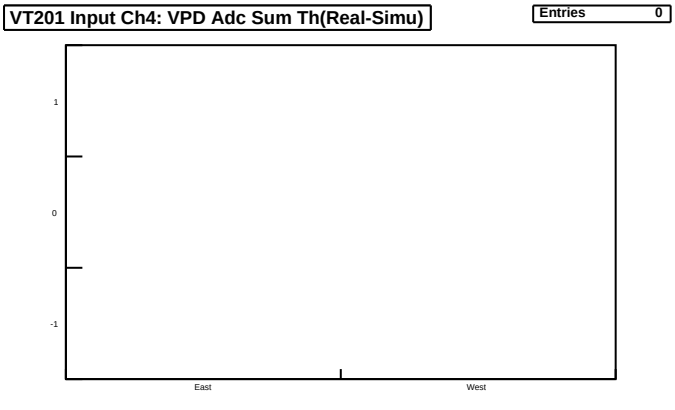

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2376088
10728
2620
20
16
10022
3930
62
51
286283
294391
296991
296995
286989
293081
296949
296960
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

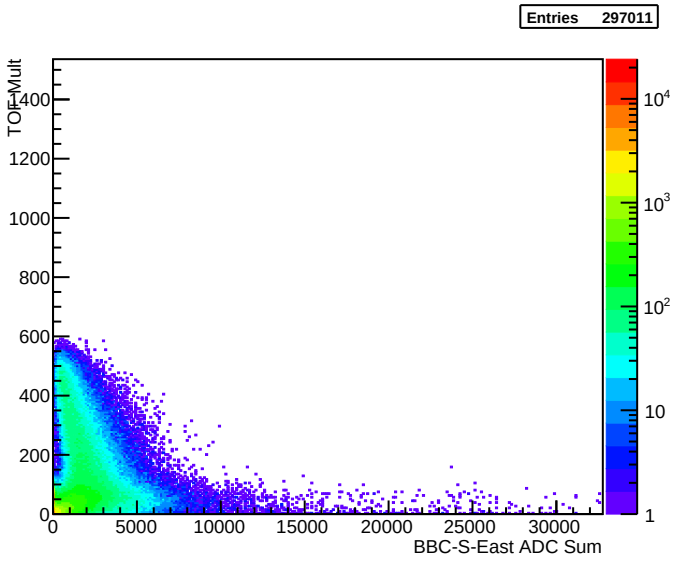

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

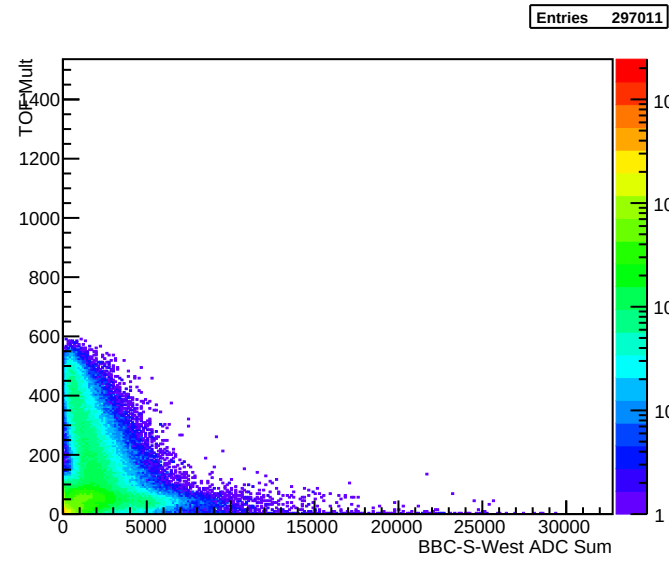

VT201 Input Ch4: VPD Tac Diff
Entries 297011
Tac

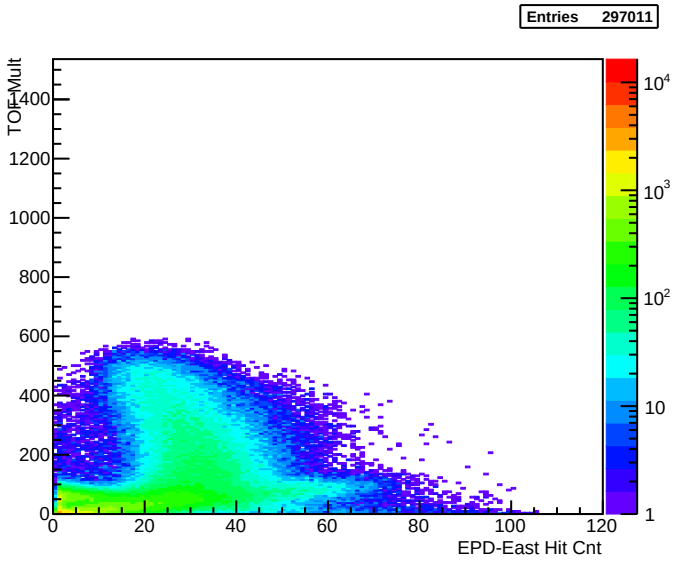

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

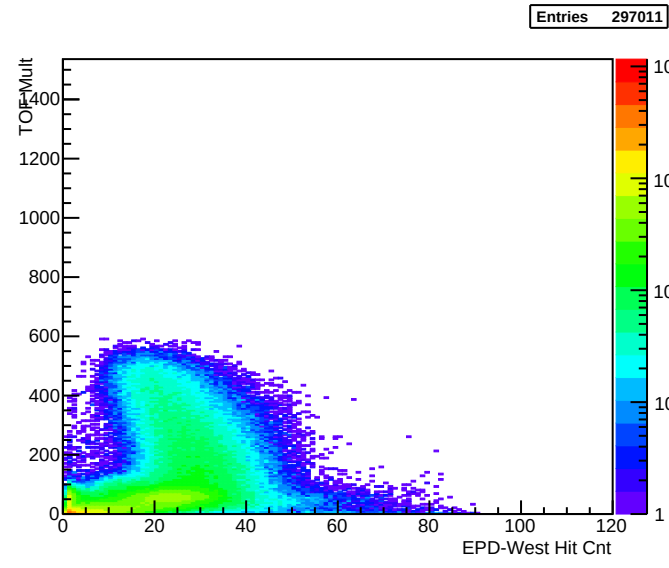

VT201 Input Ch4: VPD Adc Sum Th
Entries 594022
213551
235304
83460
61707
East
West

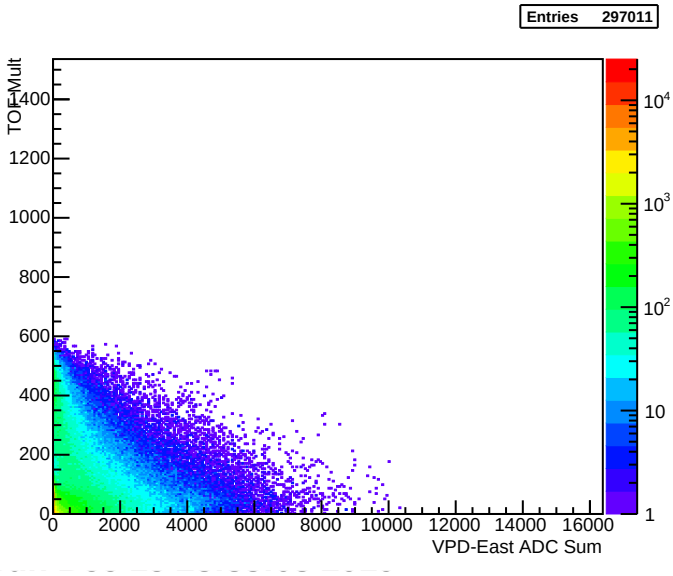

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

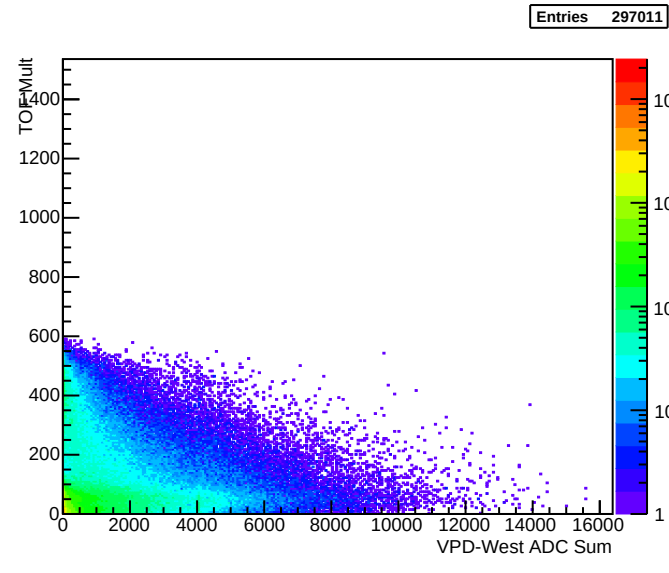

Entries 297011
TOF-Mult
BBC-S-East ADC Sum

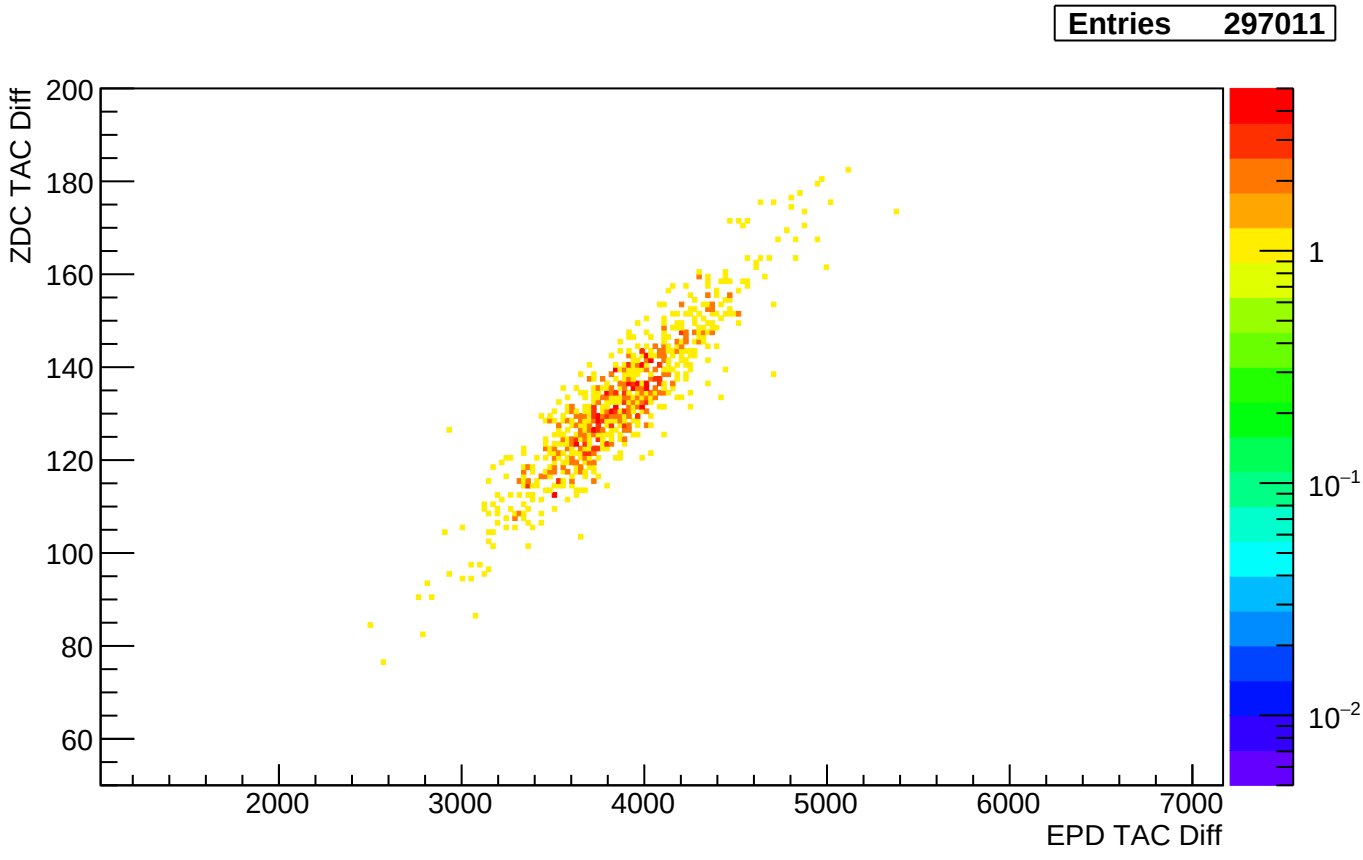

Entries 297011
TOF-Mult
BBC-S-West ADC Sum

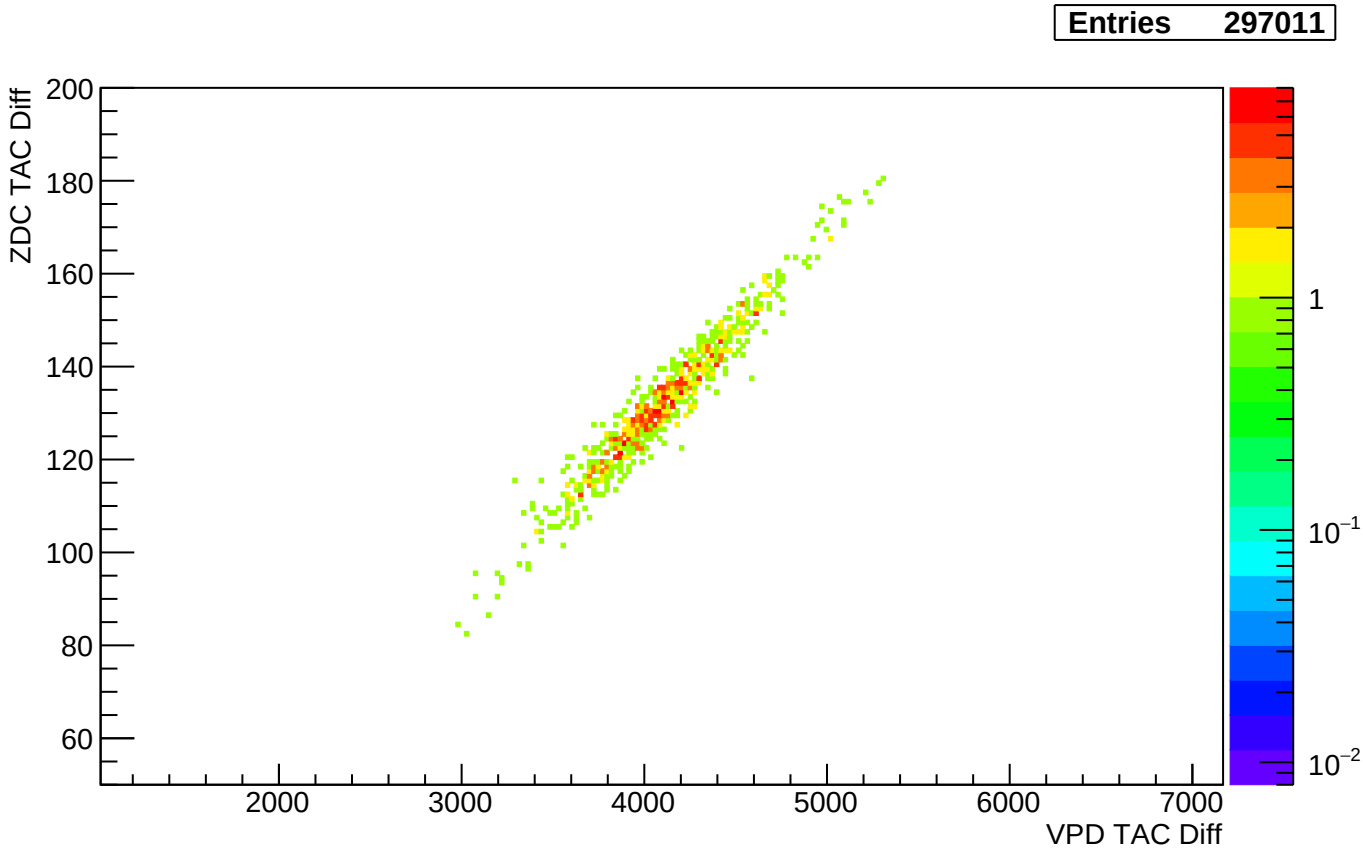

Entries 297011
TOF-Mult
EPD-East Hit Cnt

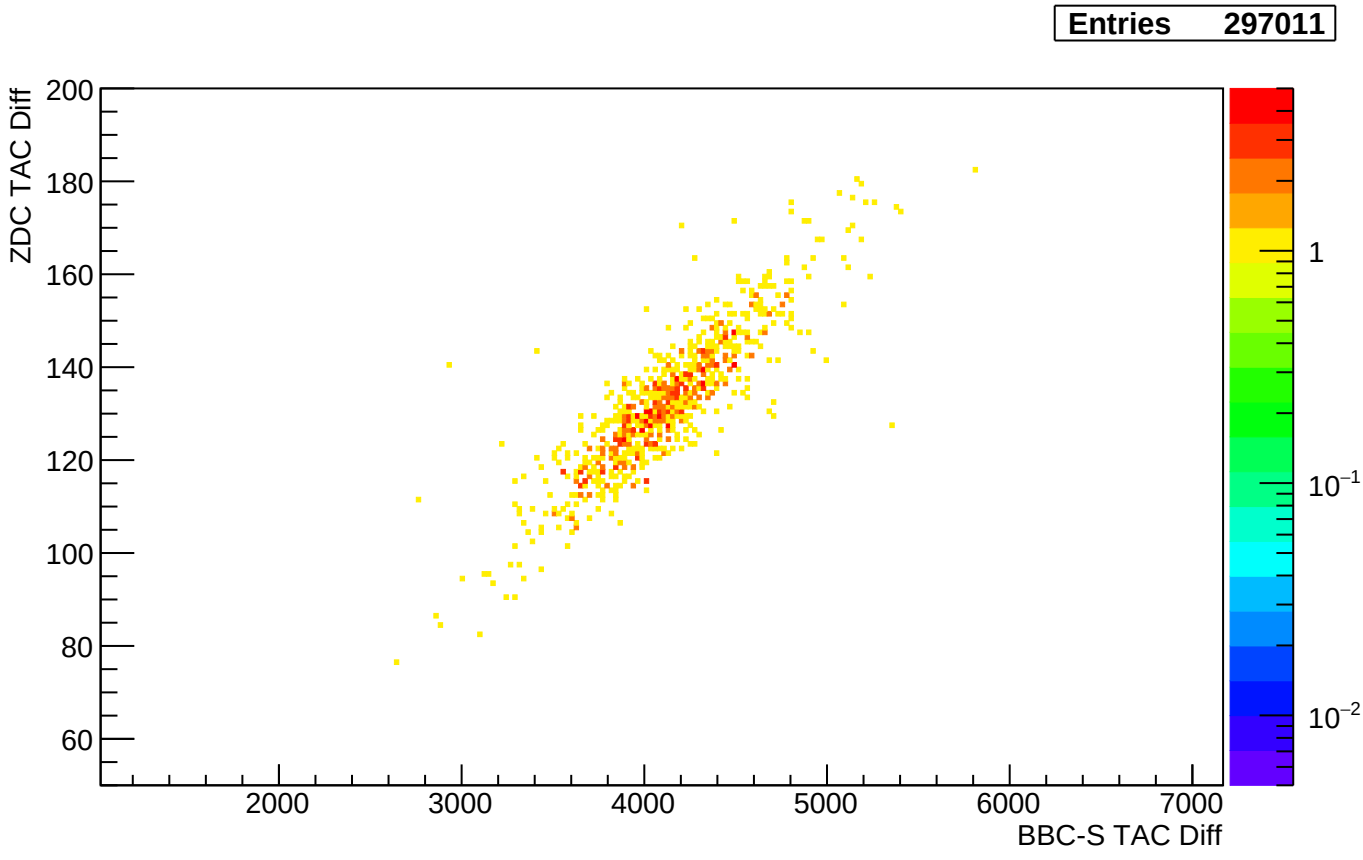

Entries 297011
TOF-Mult
EPD-West Hit Cnt

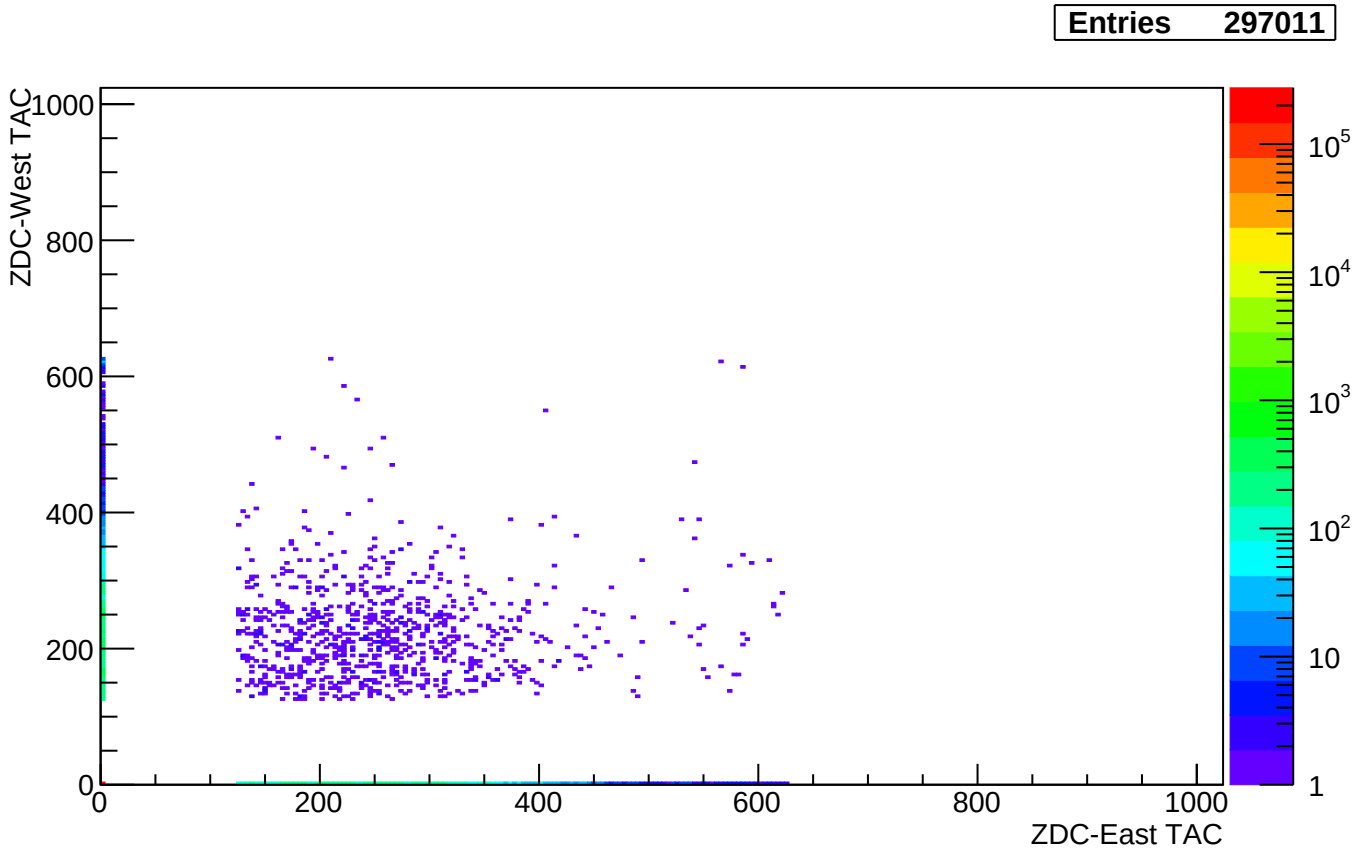

Entries 297011
TOF-Mult
VPD-East ADC Sum

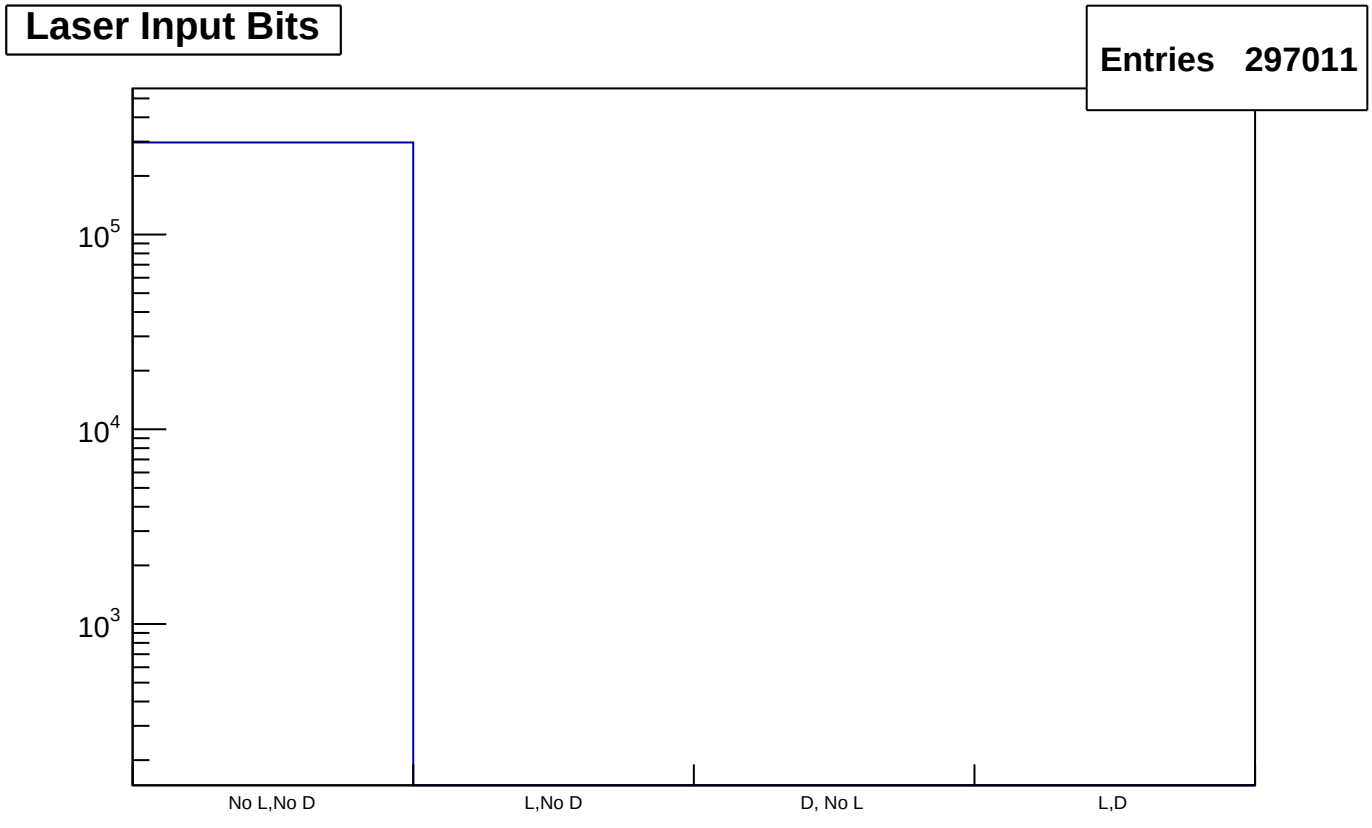

Entries 297011
TOF-Mult
VPD-West ADC Sum

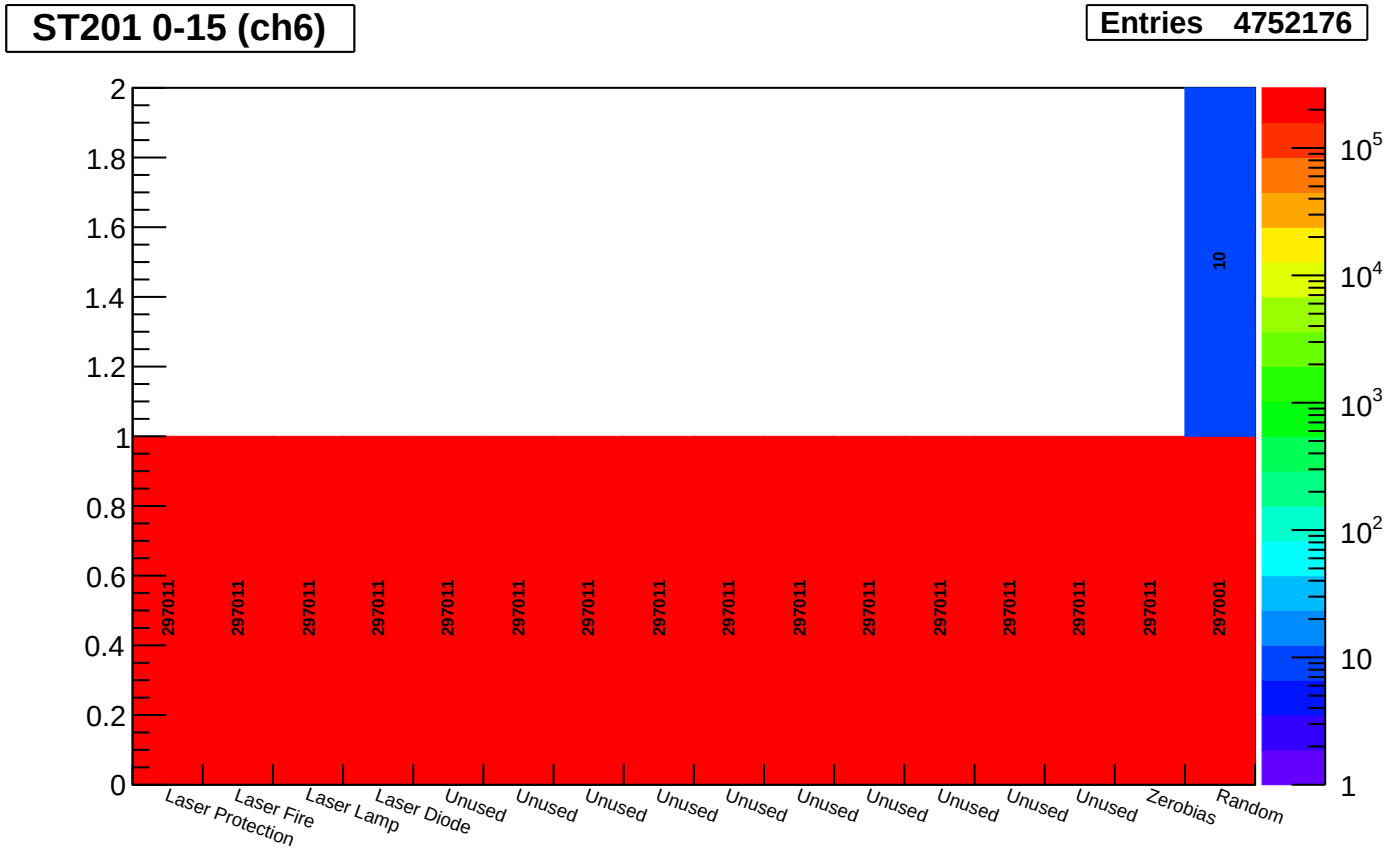

Entries 297011
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

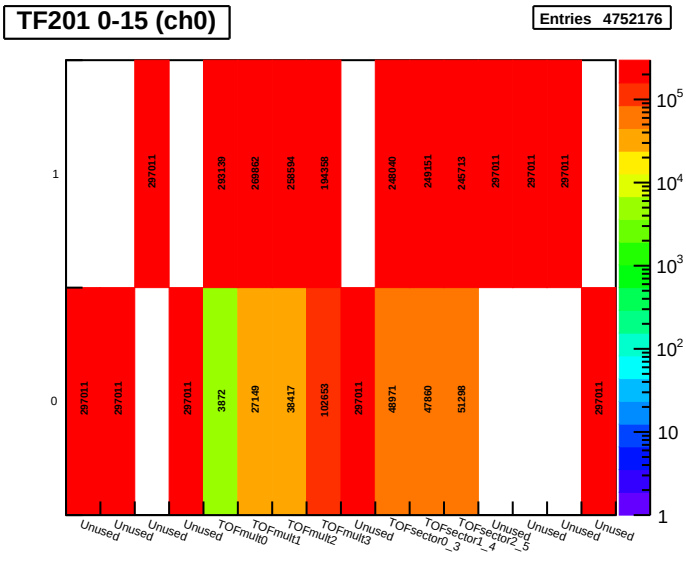

Entries 297011
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

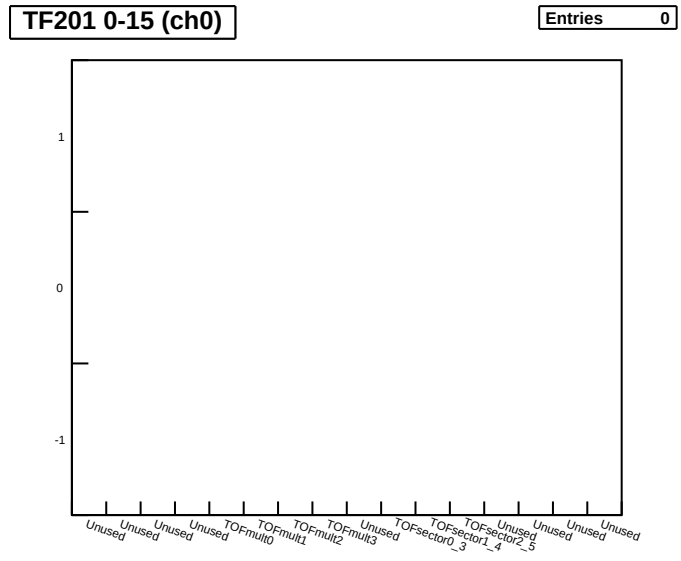

Entries 297011
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

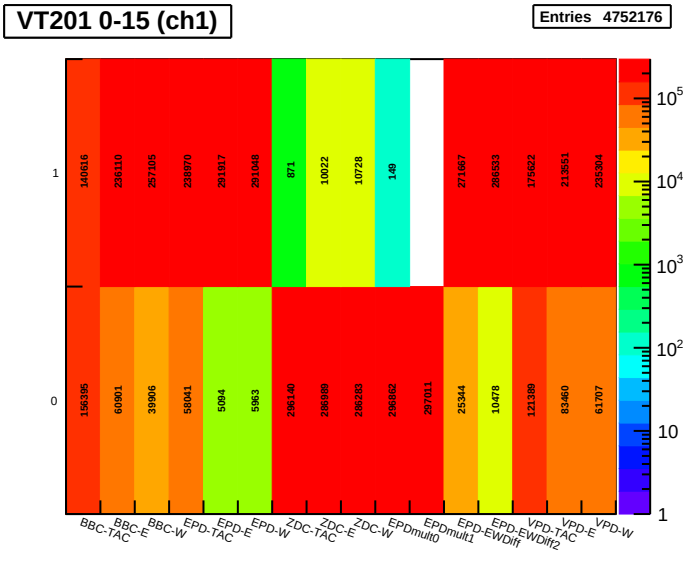

Entries 297011
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

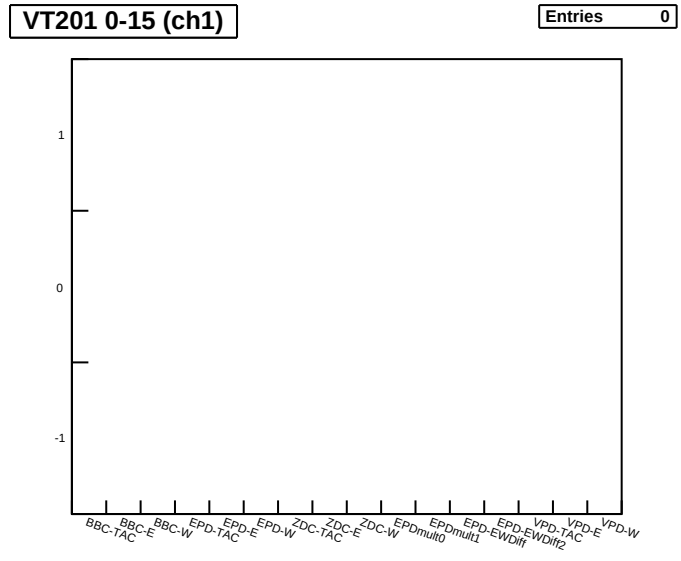

Laser Input Bits
Entries 297011
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

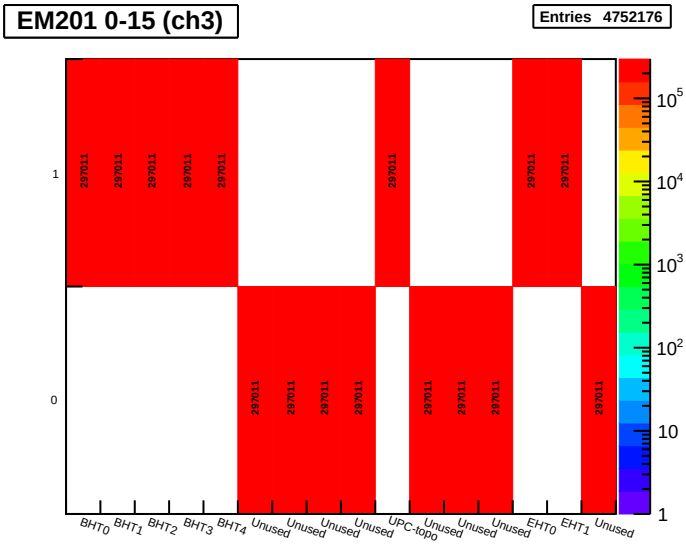

ST201 0-15 (ch6)
Entries 4752176
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
297011
297011
297011
297011
297011
297011
297011
297011
297011
297011
297011
297011
297011
297011
297001
10
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

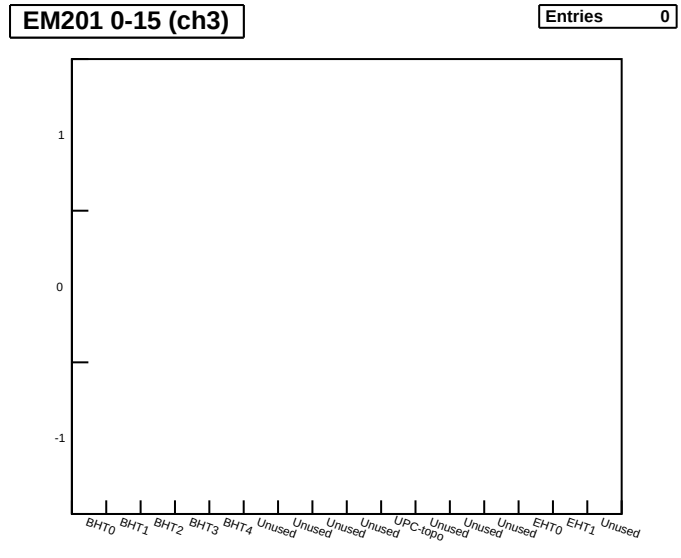

TF201 0-15 (ch0)
Entries 4752176
297011
293139
269862
258594
194358
248040
249151
245713
297011
297011
297011
297011
297011
3872
27149
38417
102653
297011
48971
47860
51298
297011
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


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


VT201 0-15 (ch1)
Entries 4752176
140616
236110
257105
238970
291917
291048
871
10022
10728
149
271667
286533
175622
213551
235304
156395
60901
39906
58041
5094
5963
286140
286989
286283
296862
297011
25344
10478
121389
83460
61707
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 4752176
297011
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