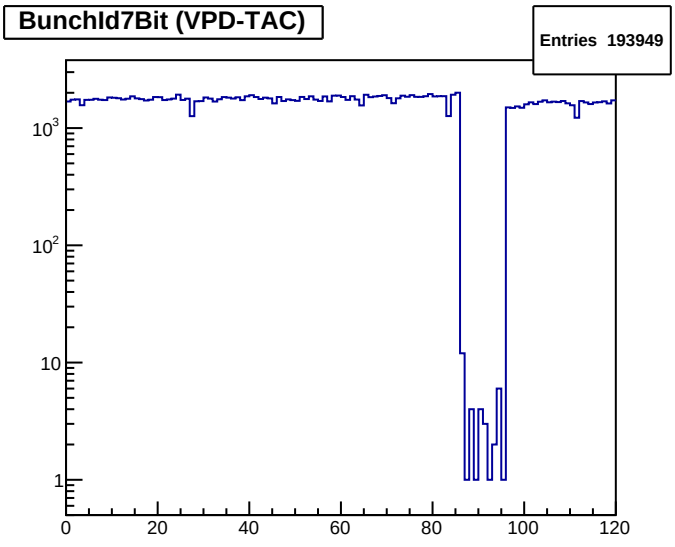
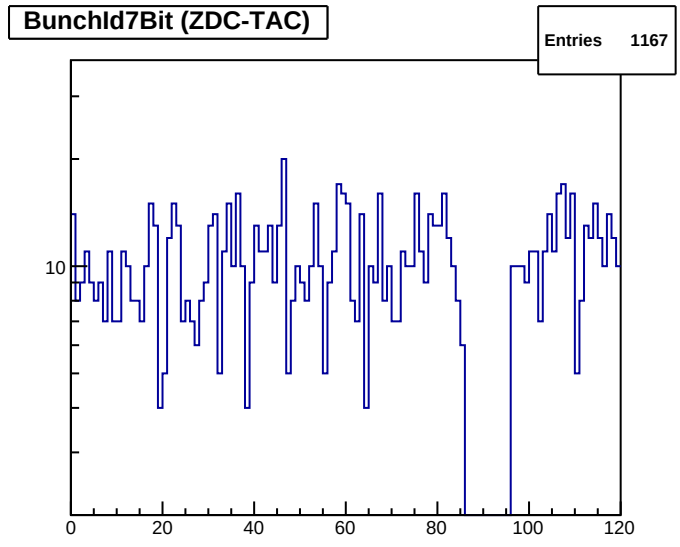
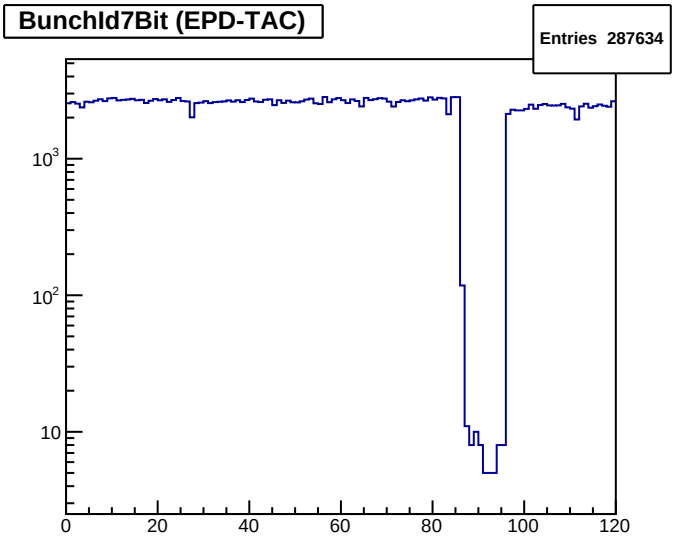
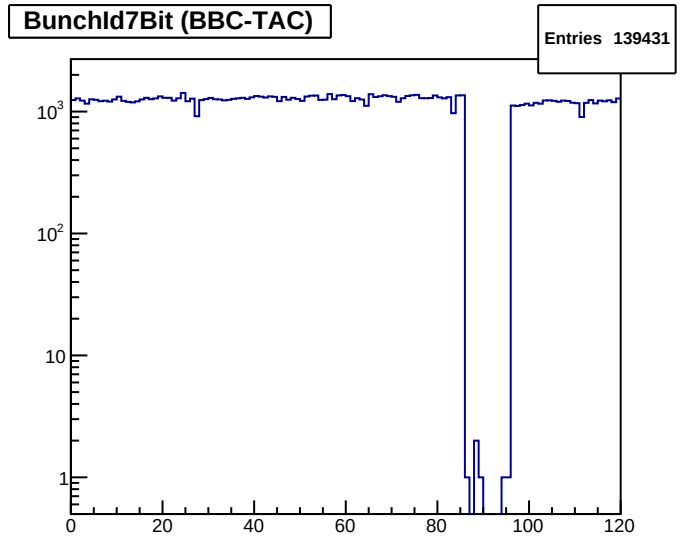
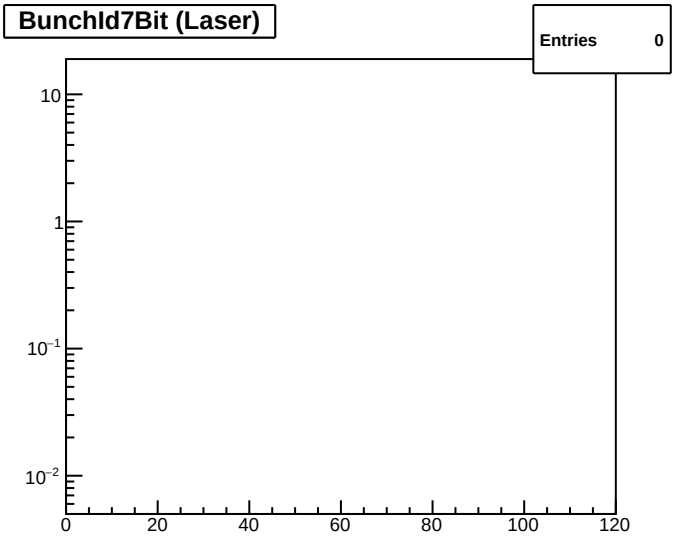
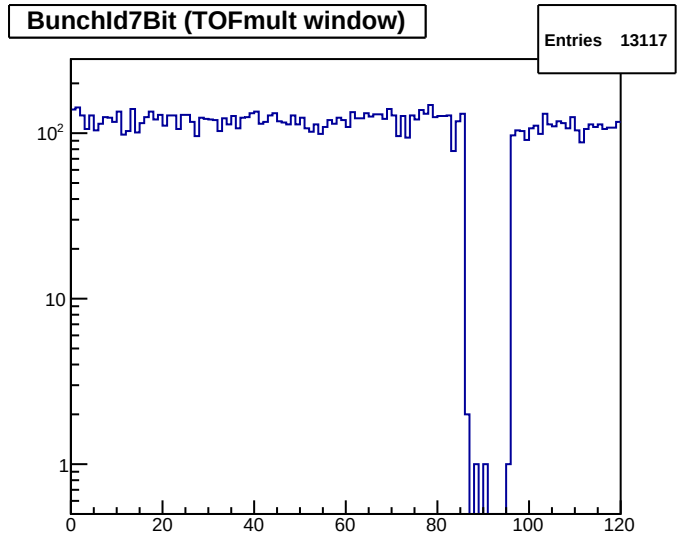

BunchId7Bit (VPD-TAC)
Entries 193949

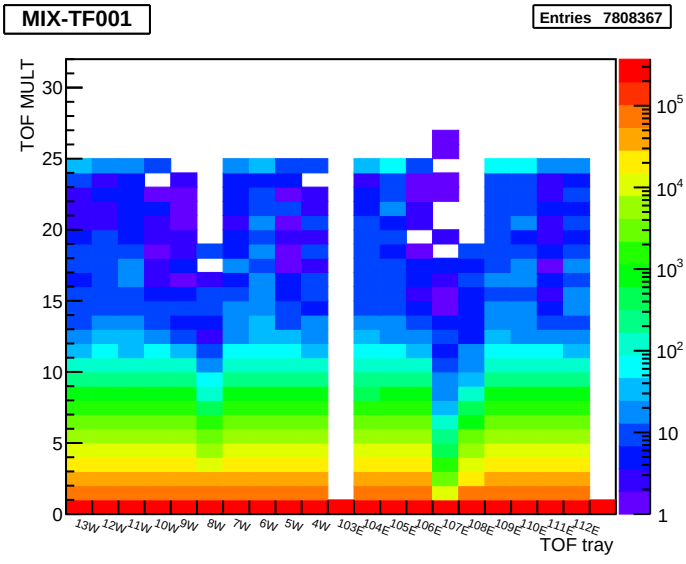

BunchId7Bit (ZDC-TAC)
Entries 1167

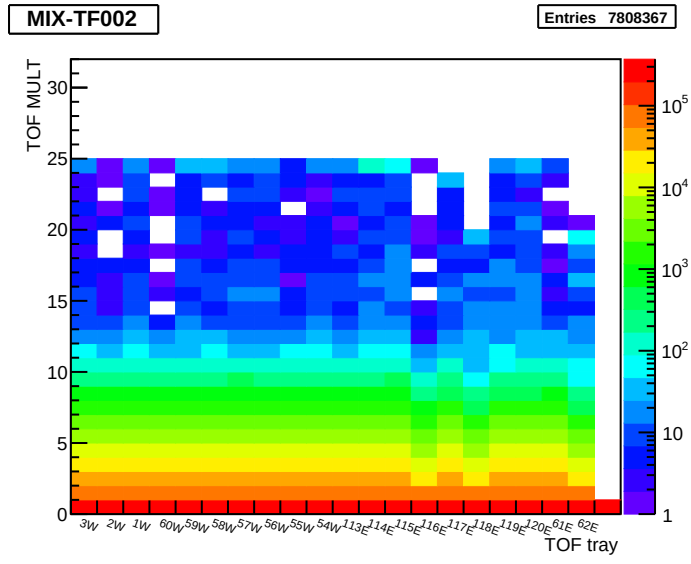

BunchId7Bit (EPD-TAC)
Entries 287634

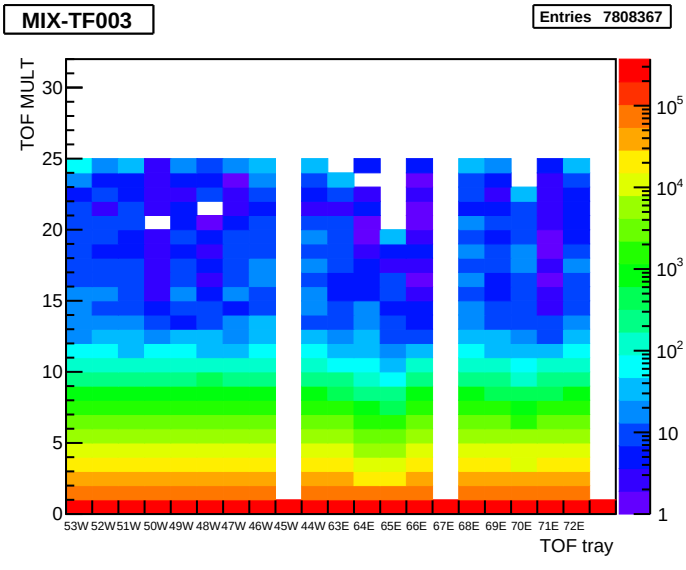

BunchId7Bit (BBC-TAC)
Entries 139431

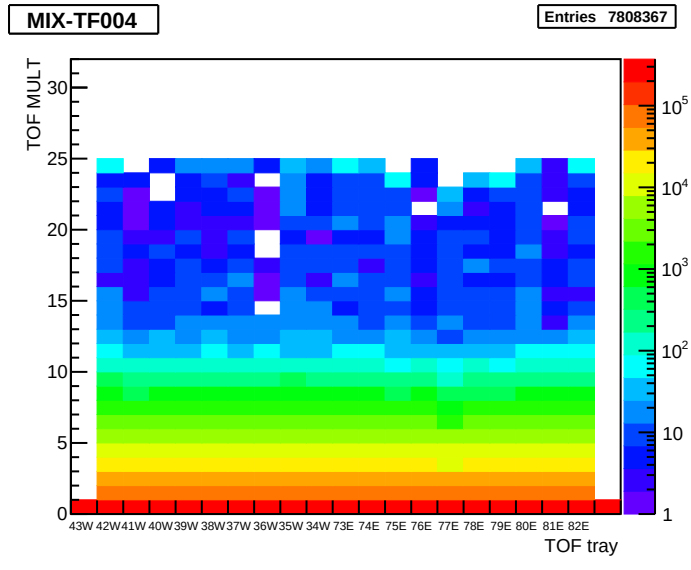

BunchId7Bit (Laser)
Entries 0

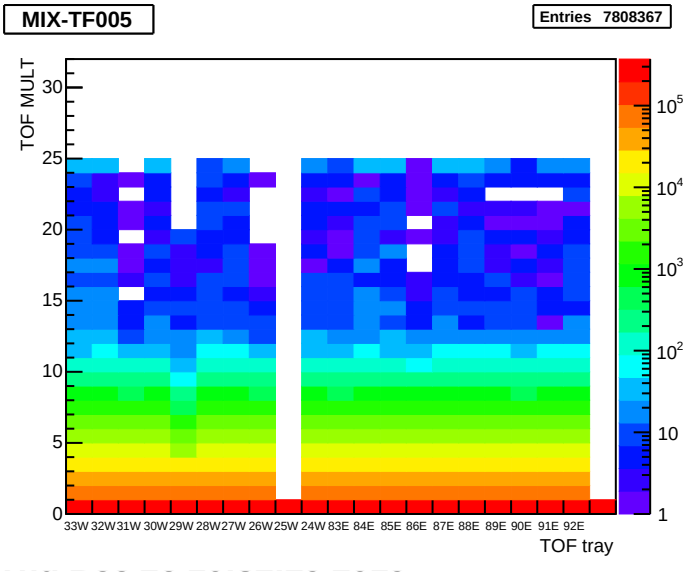

BunchId7Bit (TOFmult window)
Entries 13117

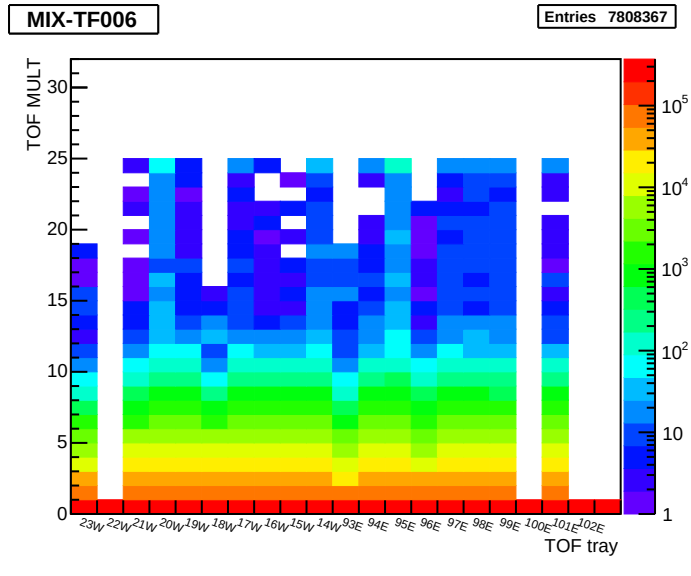

MIX-TF001
Entries 7808367
TOF MULT
TOF tray

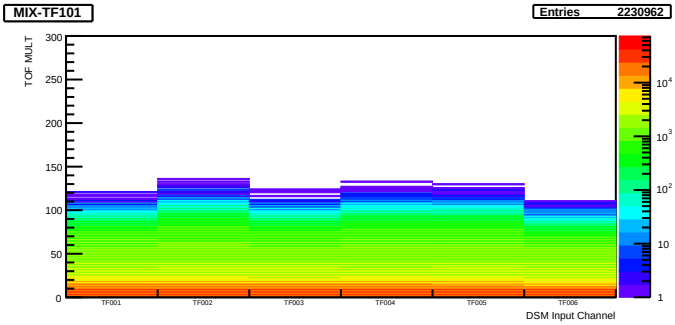

MIX-TF002
Entries 7808367
TOF MULT
TOF tray

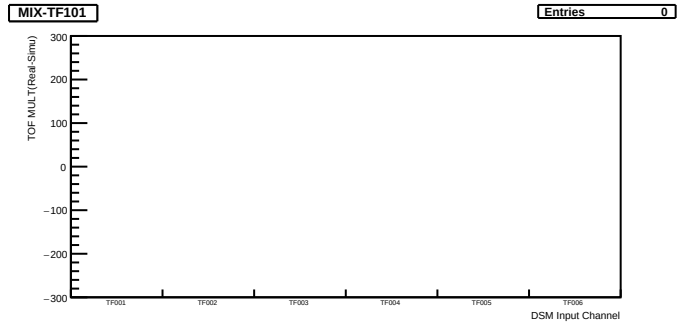

MIX-TF003
Entries 7808367
TOF MULT
TOF tray

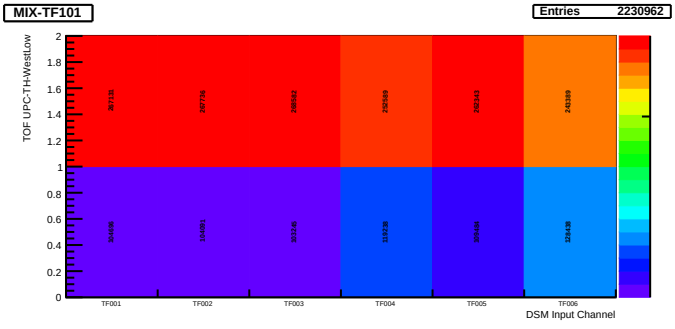

MIX-TF004
Entries 7808367
TOF MULT
TOF tray

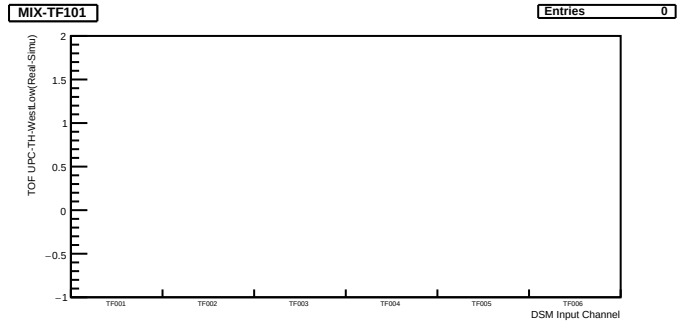

MIX-TF005
Entries 7808367
TOF MULT
TOF tray

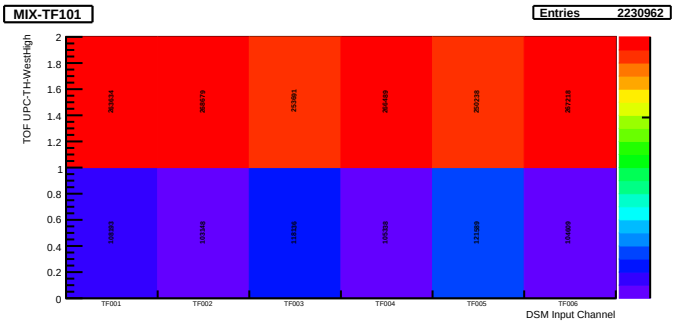

MIX-TF006
Entries 7808367
TOF MULT
TOF tray

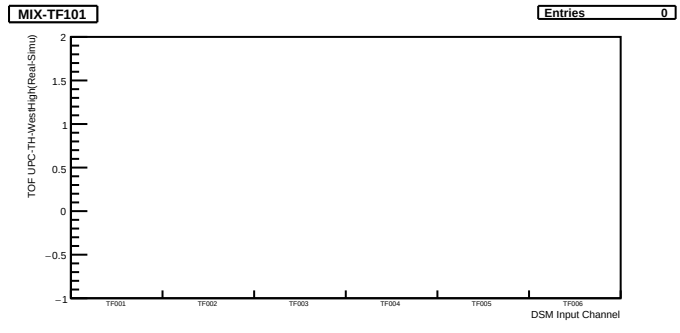

MIX-TF101
Entries 2230962
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

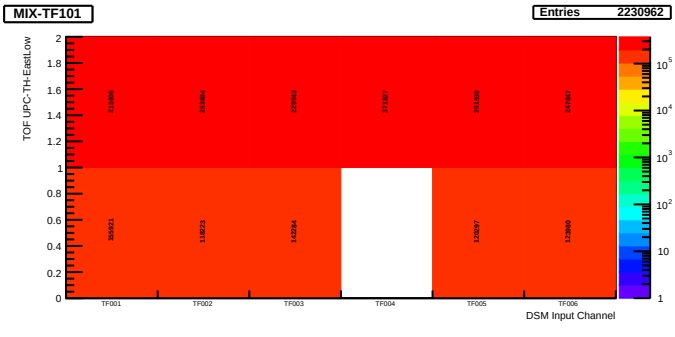

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

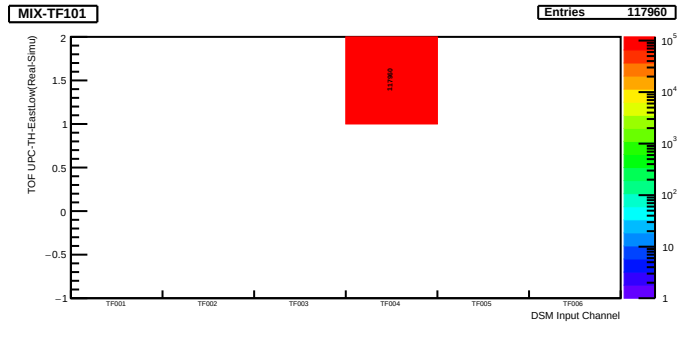

MIX-TF101
Entries 2230962
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

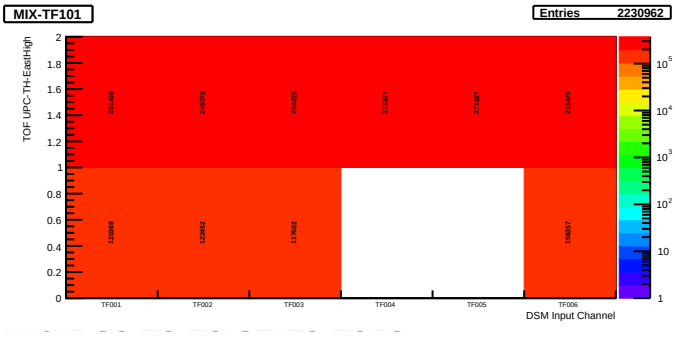

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

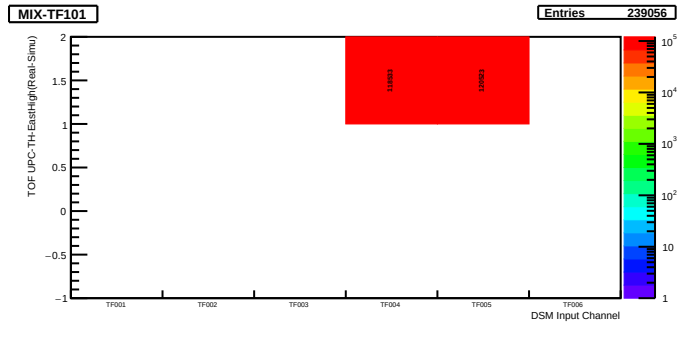

MIX-TF101
Entries 2230962
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

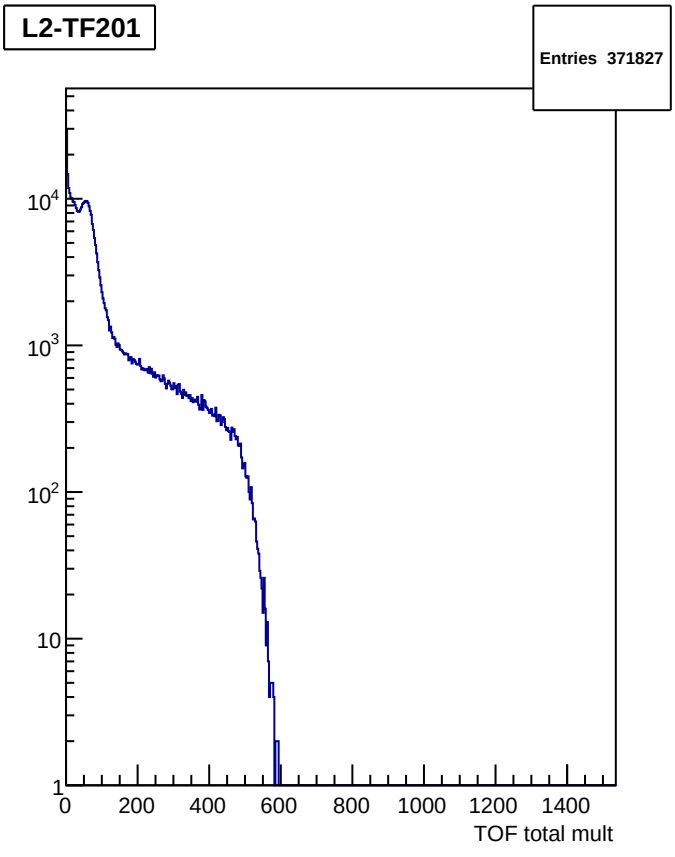

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

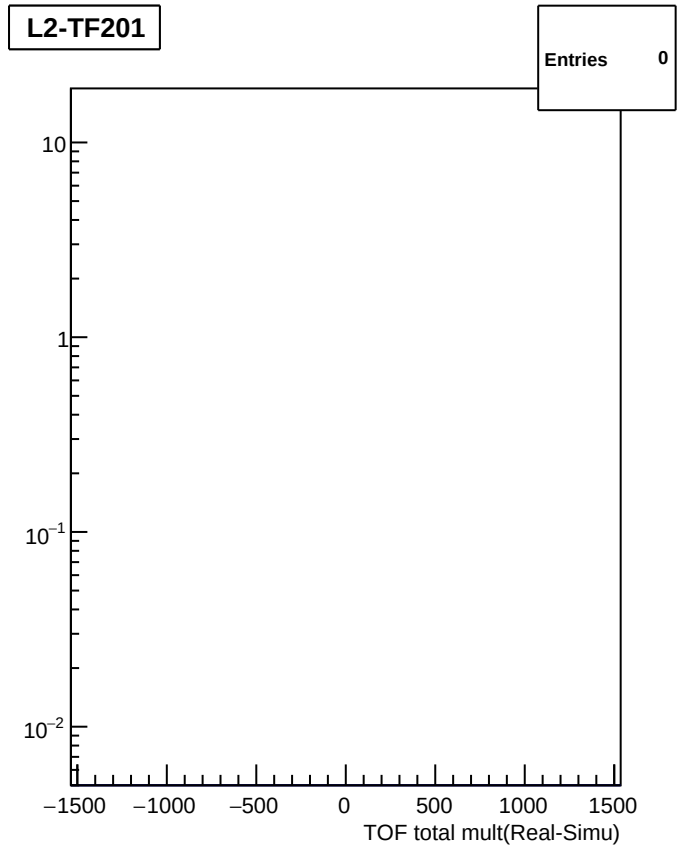

MIX-TF101
Entries 2230962
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

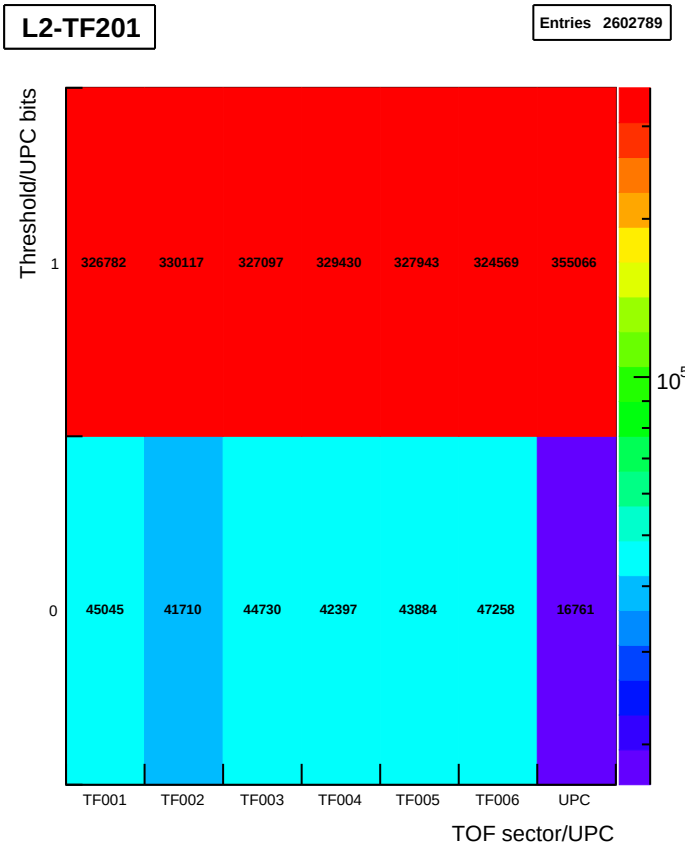

MIX-TF101
Entries 117960
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

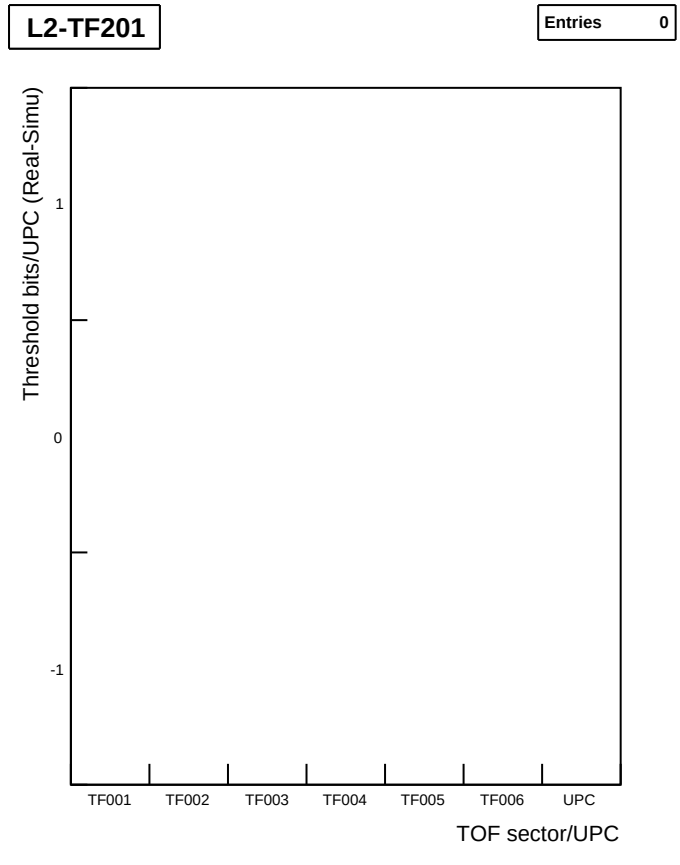

MIX-TF101
Entries 2230962
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

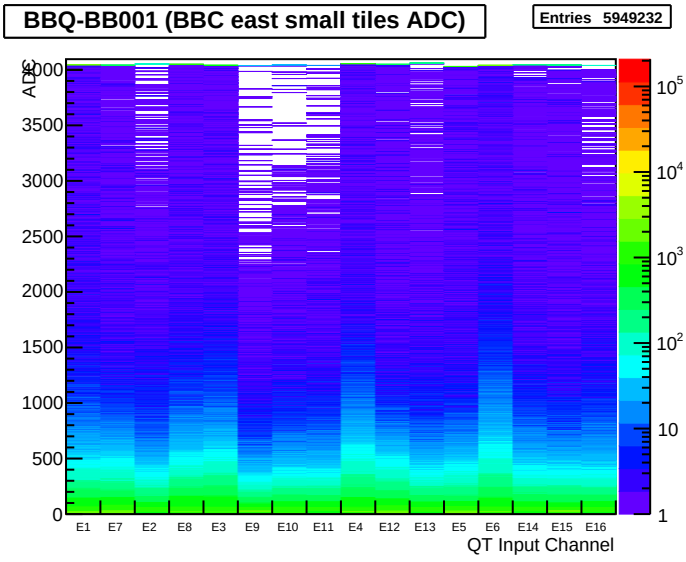

MIX-TF101
Entries 239056
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

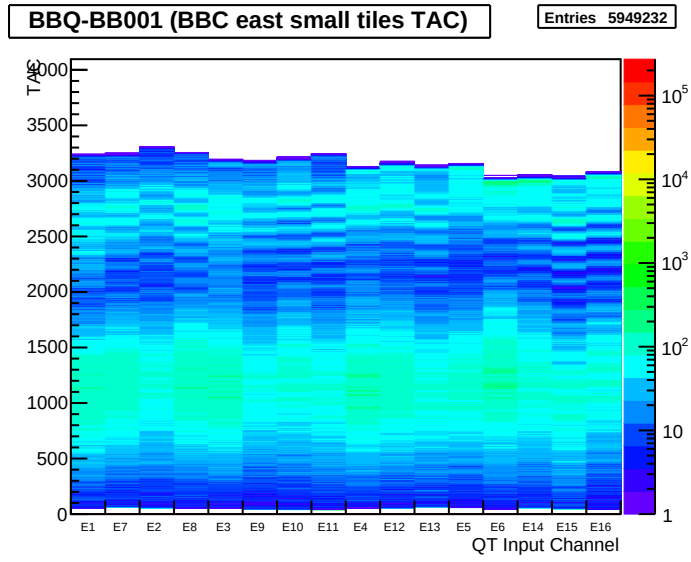

L2-TF201
Entries 371827
TOF total mult

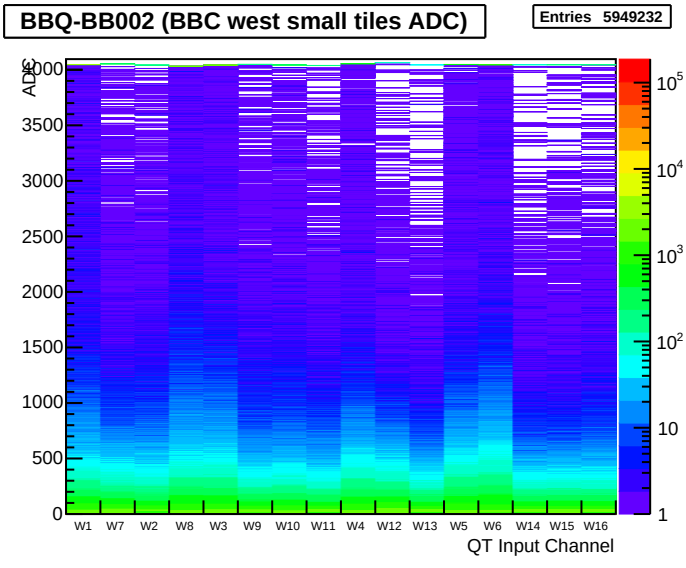

L2-TF201
Entries 0
TOF total mult(Real-Simu)

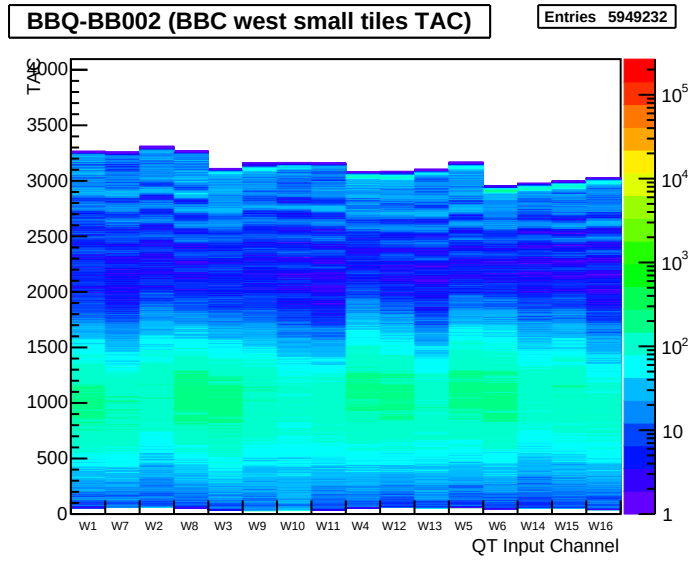

L2-TF201
Entries 2602789
Threshold/UPC bits
326782
330117
327097
329430
327943
324569
355066
45045
41710
44730
42397
43884
47258
16761
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

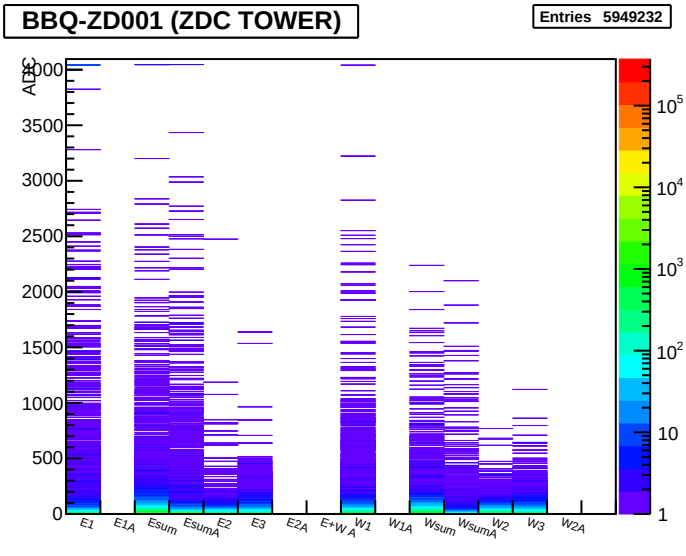

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

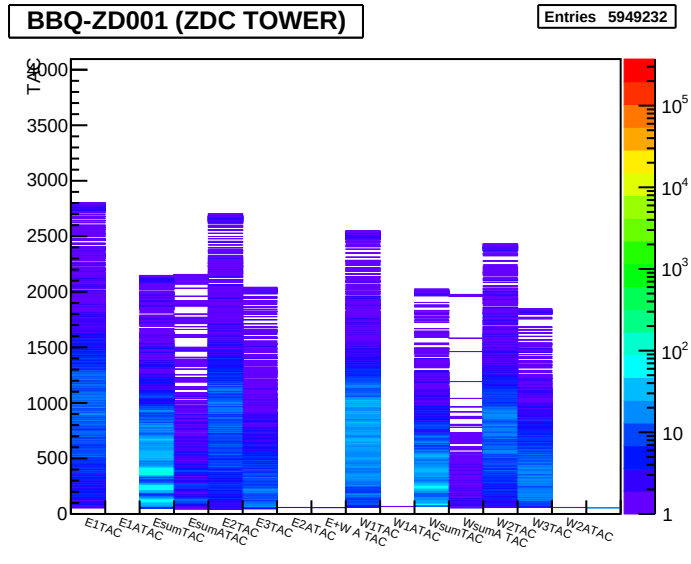

BBQ-BB001 (BBC east small tiles ADC)
Entries 5949232
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

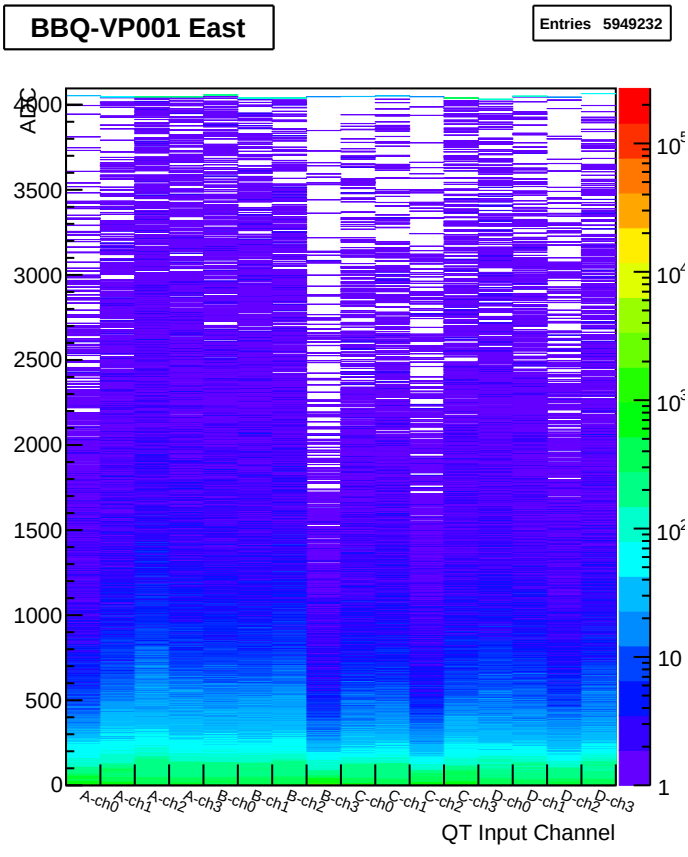

BBQ-BB001 (BBC east small tiles TAC)
Entries 5949232
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

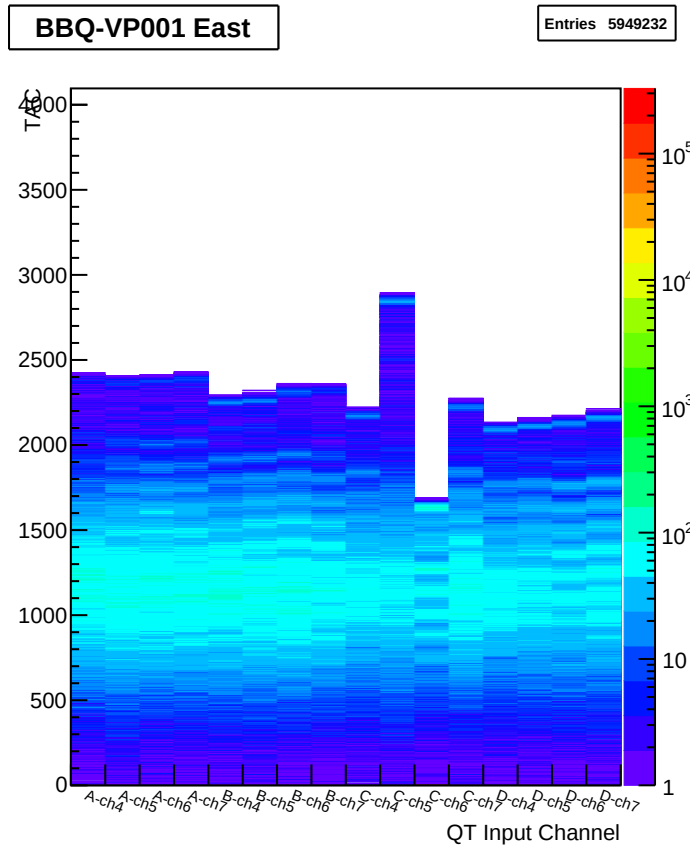

BBQ-BB002 (BBC west small tiles ADC)
Entries 5949232
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

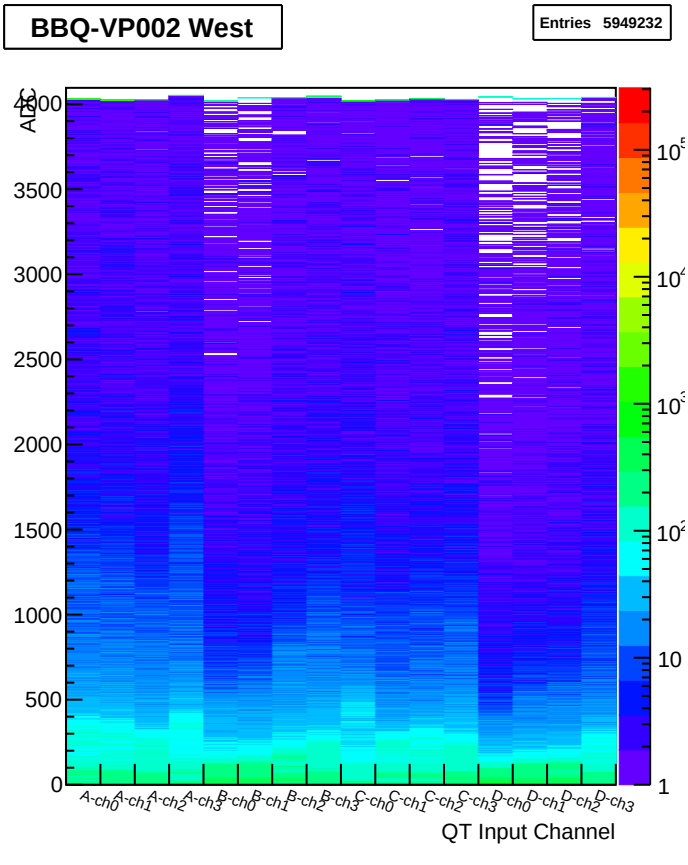

BBQ-BB002 (BBC west small tiles TAC)
Entries 5949232
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

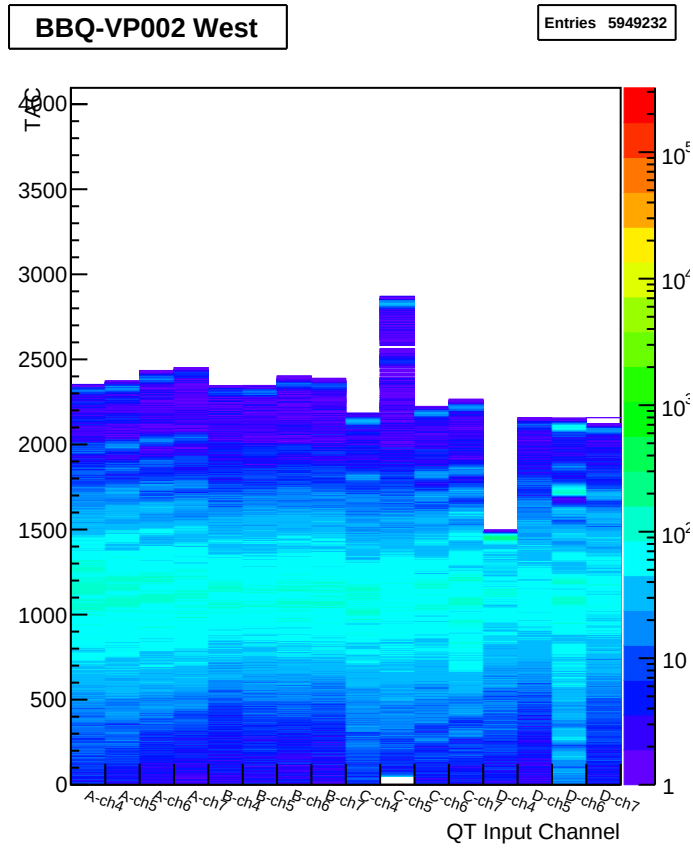

BBQ-ZD001 (ZDC TOWER)
Entries 5949232
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

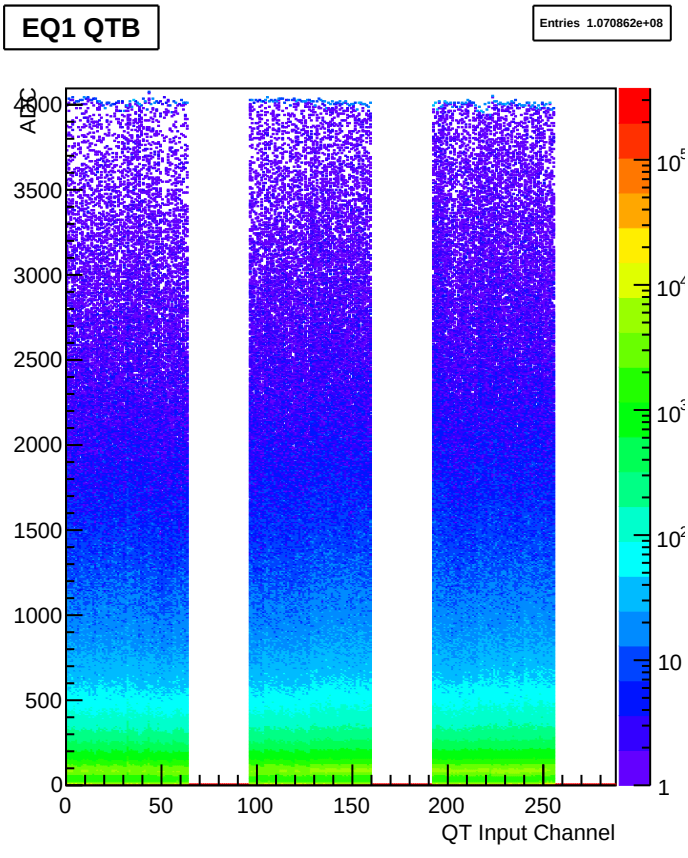

BBQ-ZD001 (ZDC TOWER)
Entries 5949232
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

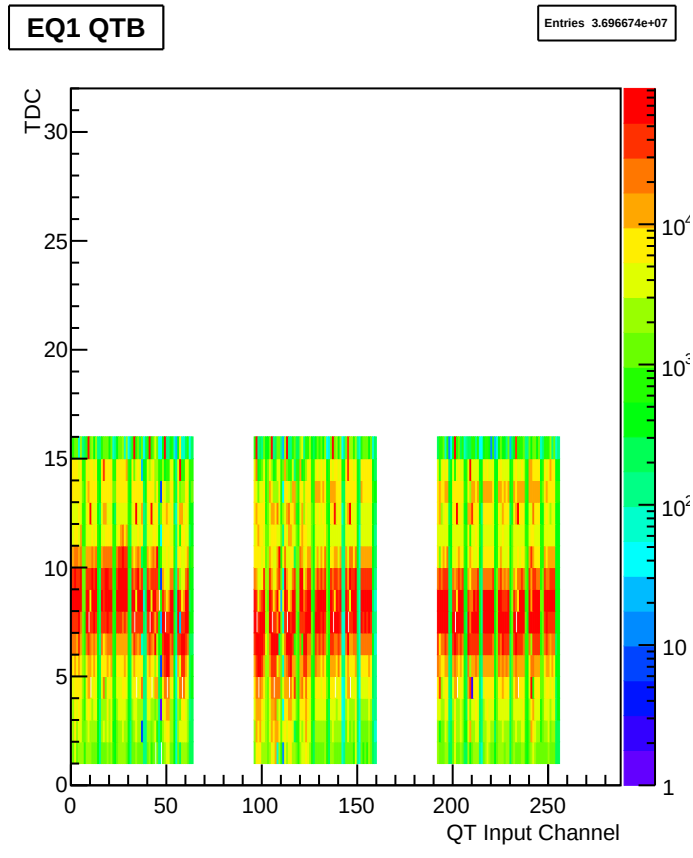

BBQ-VP001 East
Entries 5949232
ADC
QT Input Channel

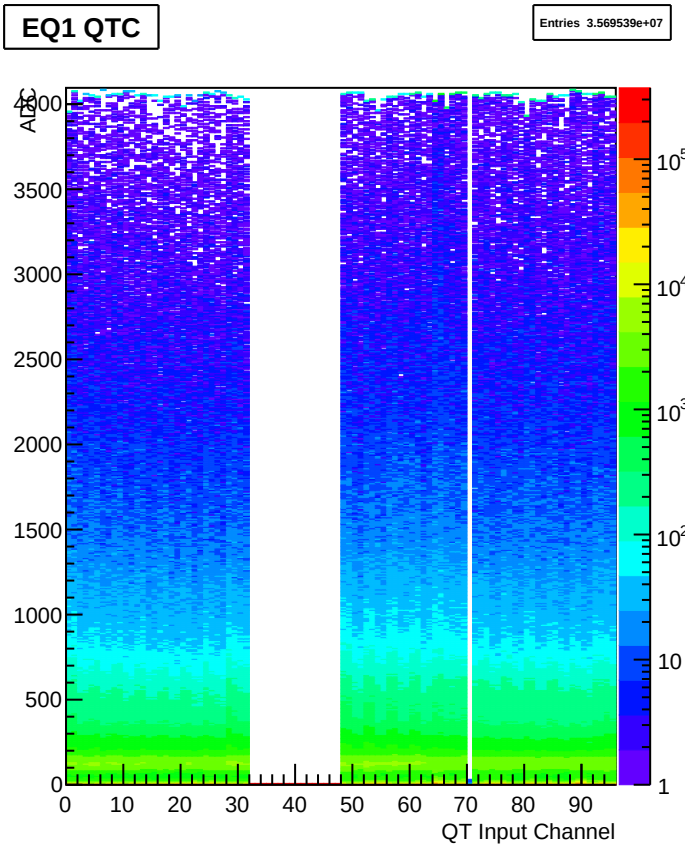

BBQ-VP001 East
Entries 5949232
TADC
QT Input Channel

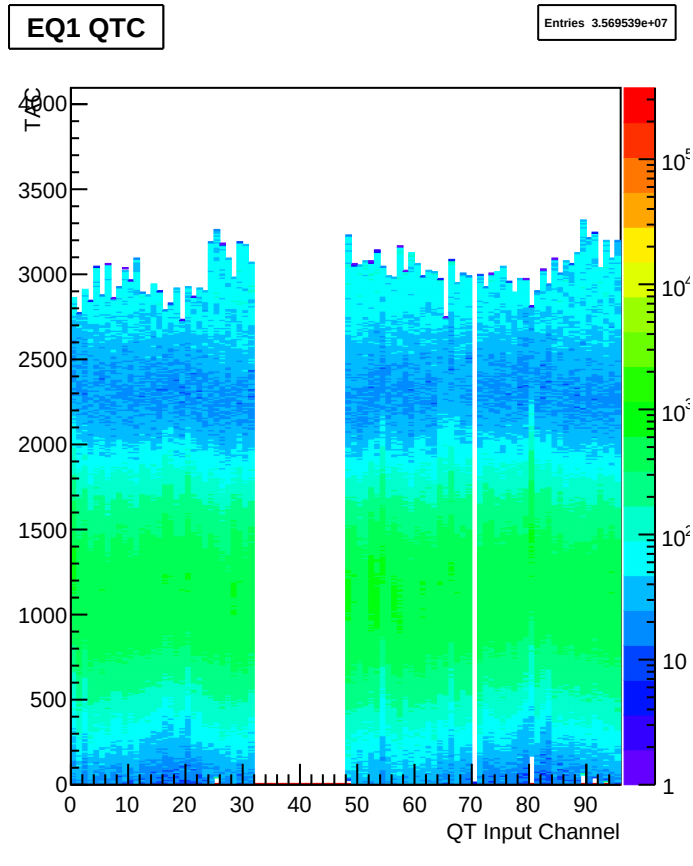

BBQ-VP002 West
Entries 5949232
ADC
QT Input Channel

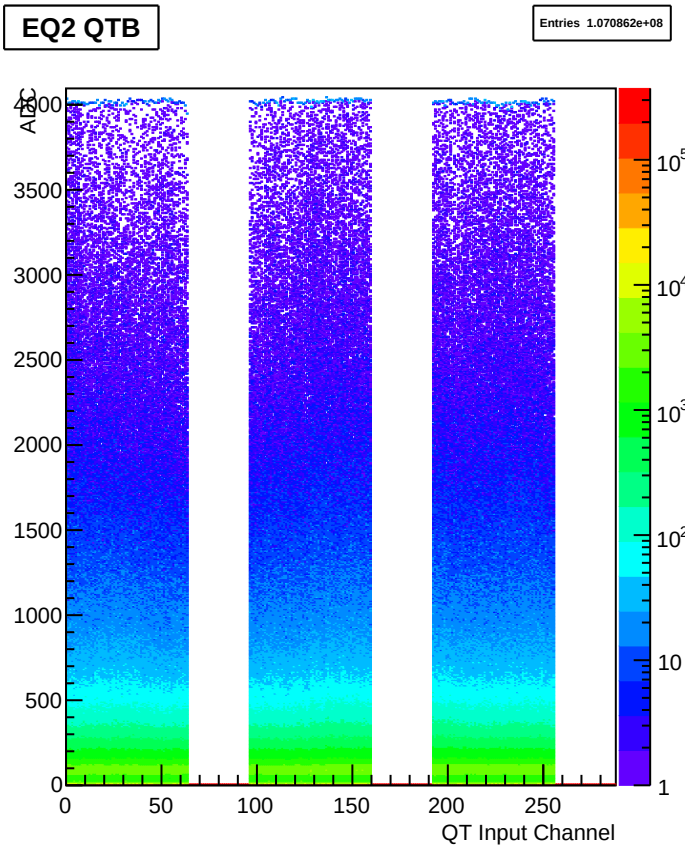

BBQ-VP002 West
Entries 5949232
TADC
QT Input Channel

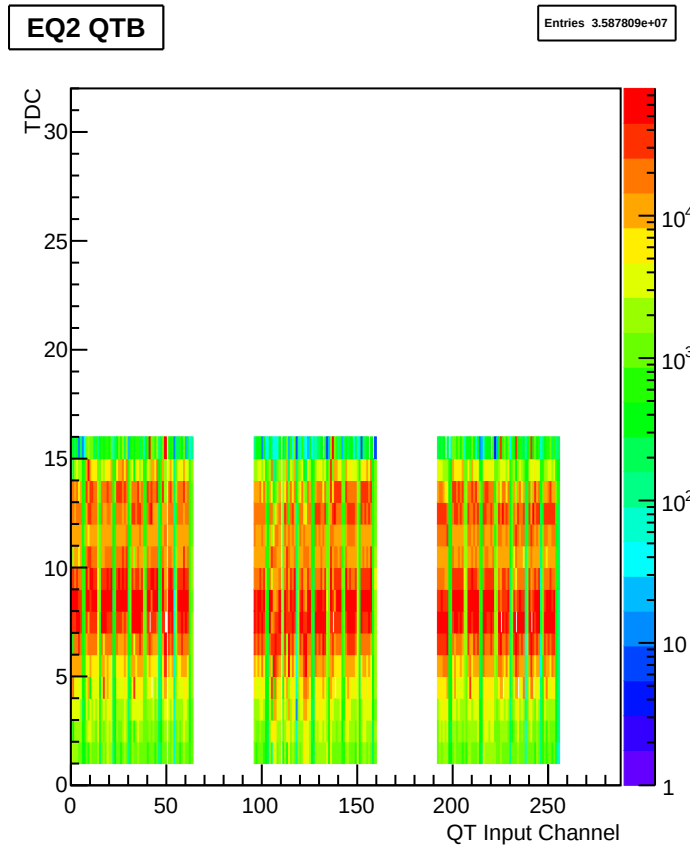

EQ1 QTB
Entries 1.070862e+08
ADC
QT Input Channel

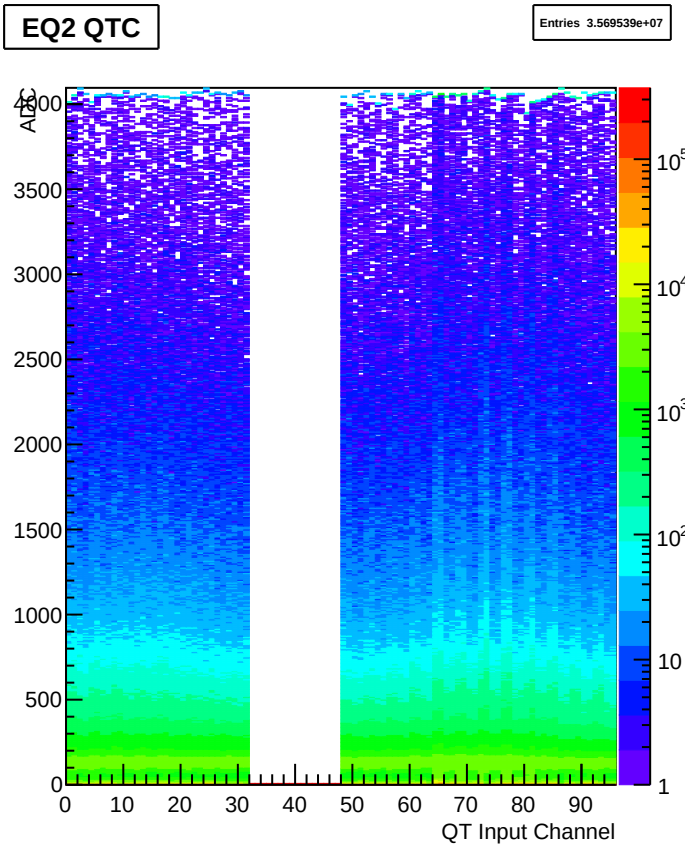

EQ1 QTB
Entries 3.696674e+07
TDC
QT Input Channel

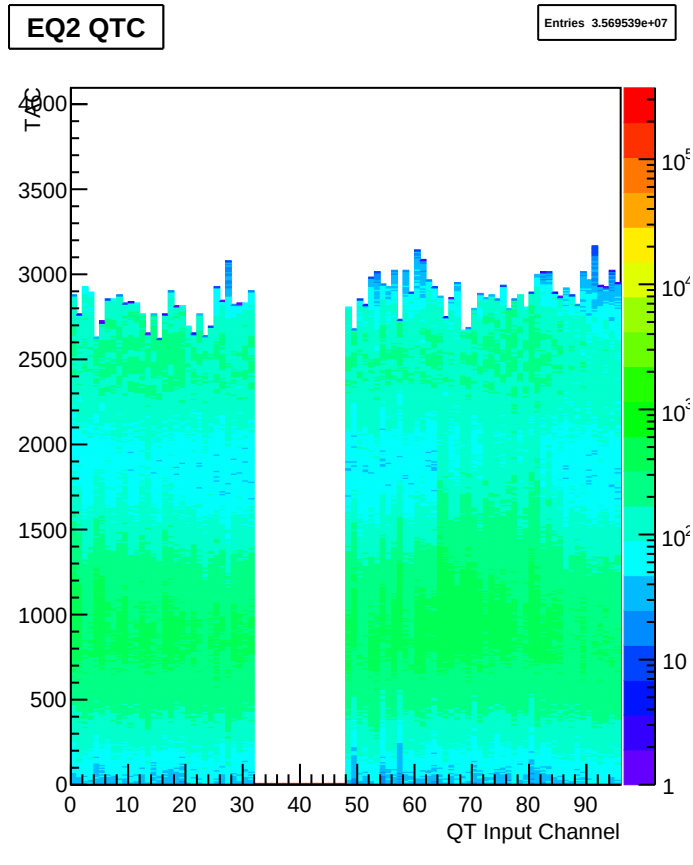

EQ1 QTC
Entries 3.569539e+07
ADC
QT Input Channel

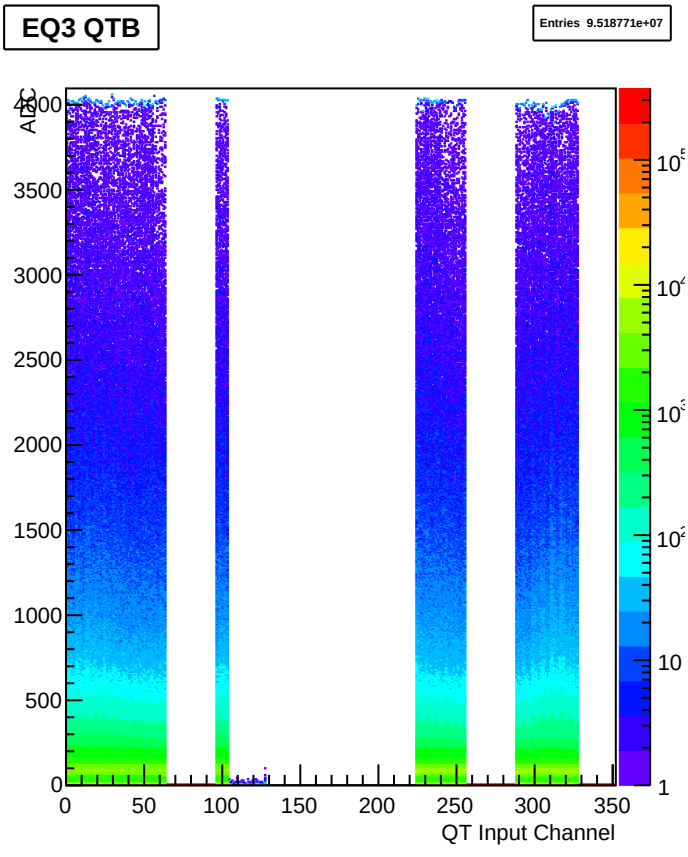

EQ1 QTC
Entries 3.569539e+07
TADC
QT Input Channel

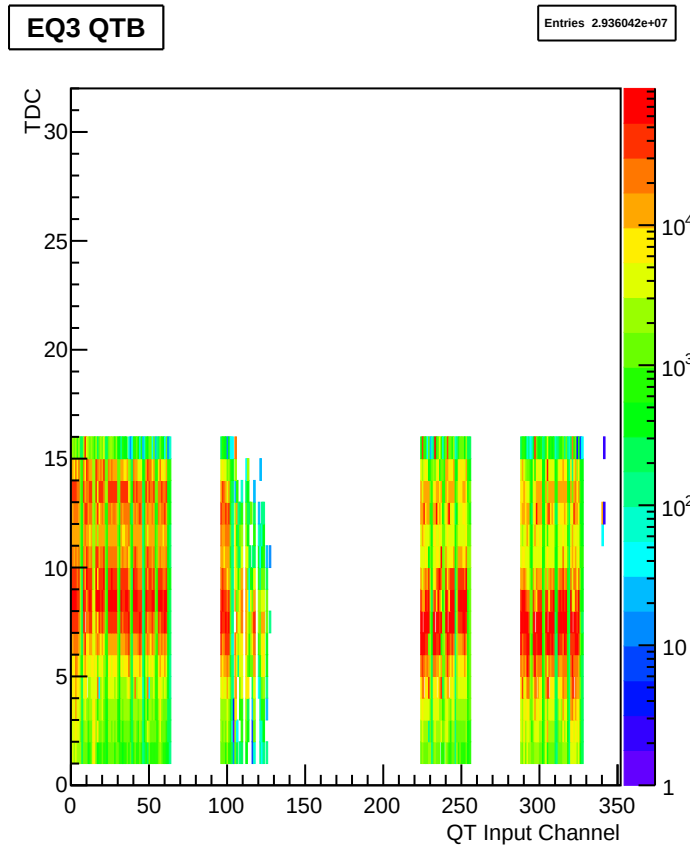

EQ2 QTB
Entries 1.070862e+08
ADC
QT Input Channel

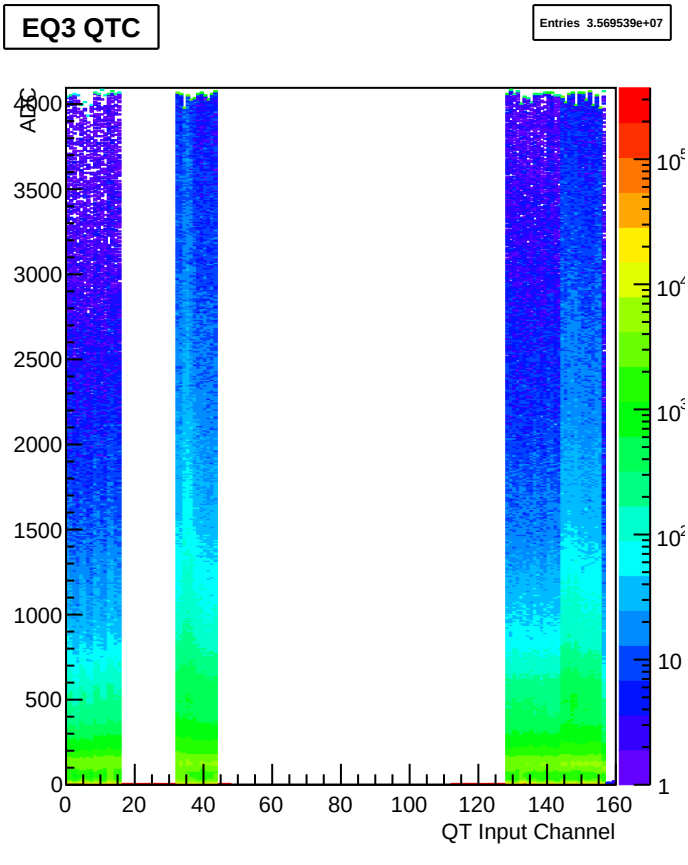

EQ2 QTB
Entries 3.587809e+07
TDC
QT Input Channel

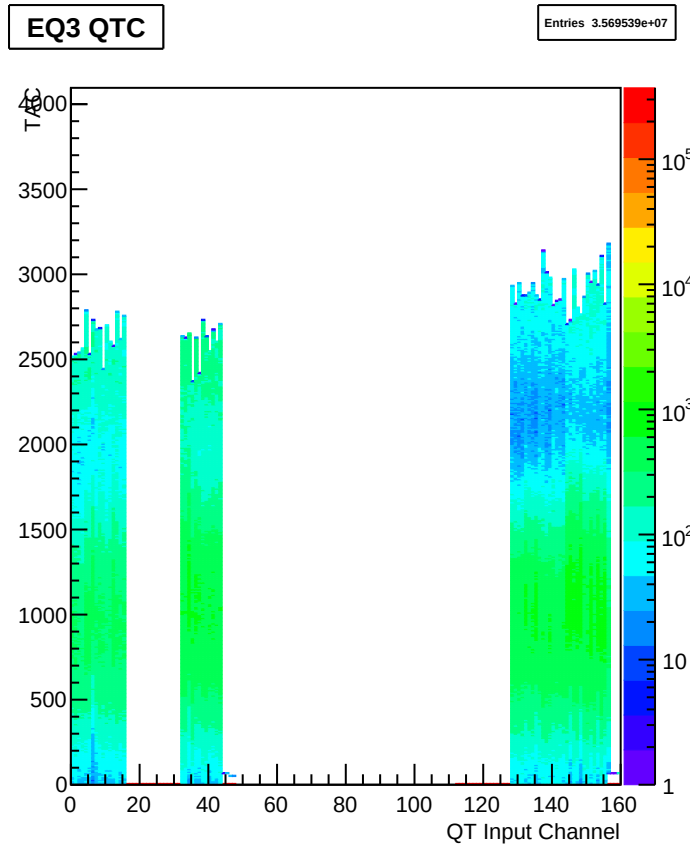

EQ2 QTC
Entries 3.569539e+07
ADC
QT Input Channel

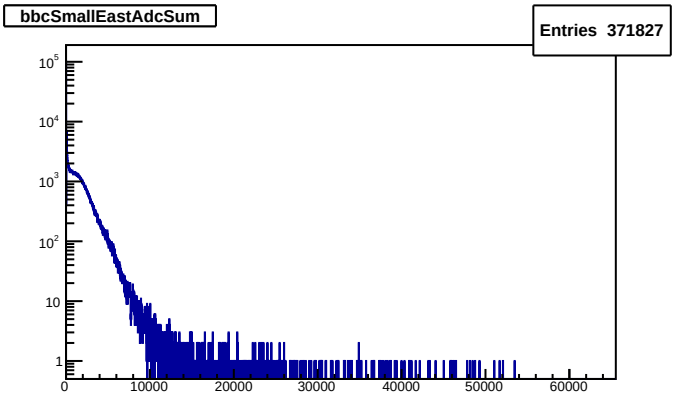

EQ2 QTC
Entries 3.569539e+07
TADC
QT Input Channel

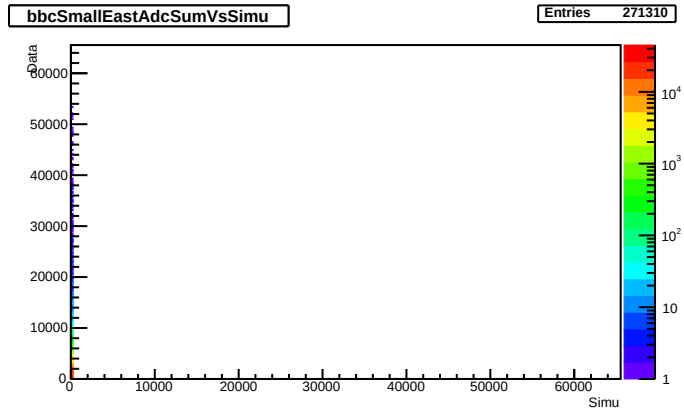

EQ3 QTB
Entries 9.518771e+07
ADC
QT Input Channel

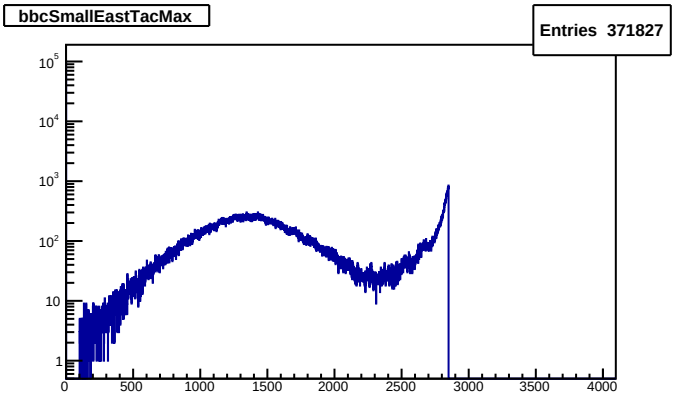

EQ3 QTB
Entries 2.936042e+07
TDC
QT Input Channel

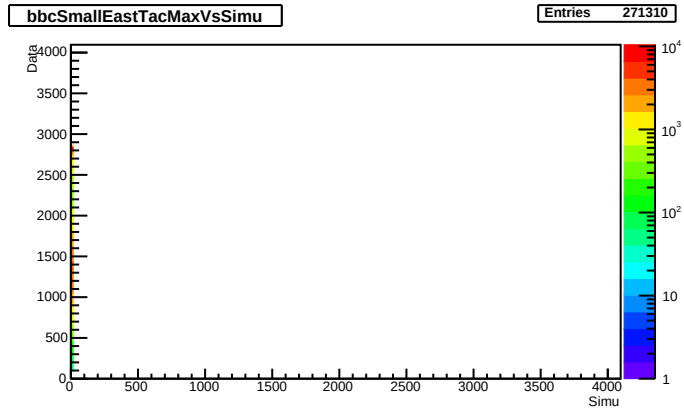

EQ3 QTC
Entries 3.569539e+07
ADC
QT Input Channel

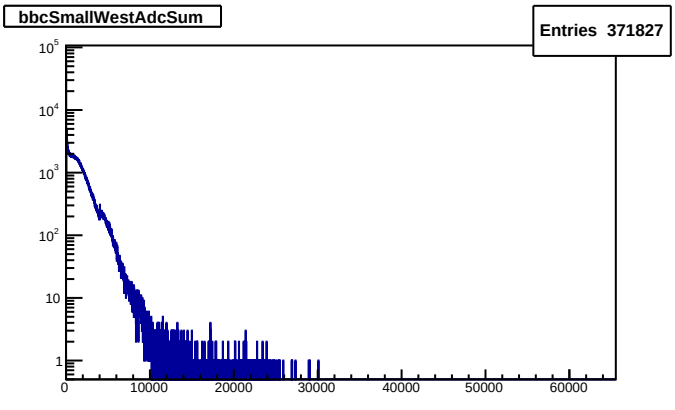

EQ3 QTC
Entries 3.569539e+07
TADC
QT Input Channel

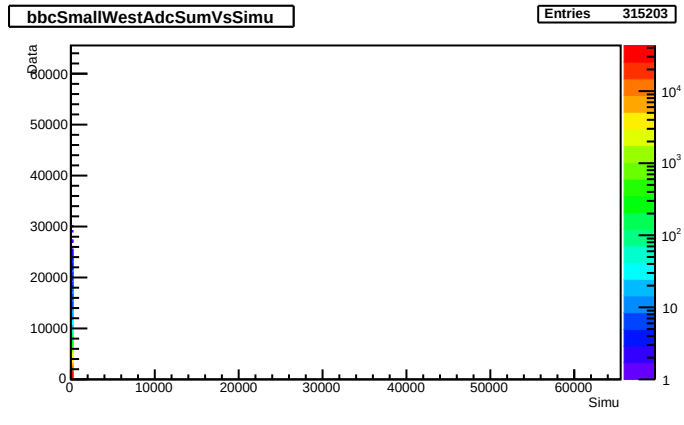

bbcSmallEastAdcSum
Entries 371827

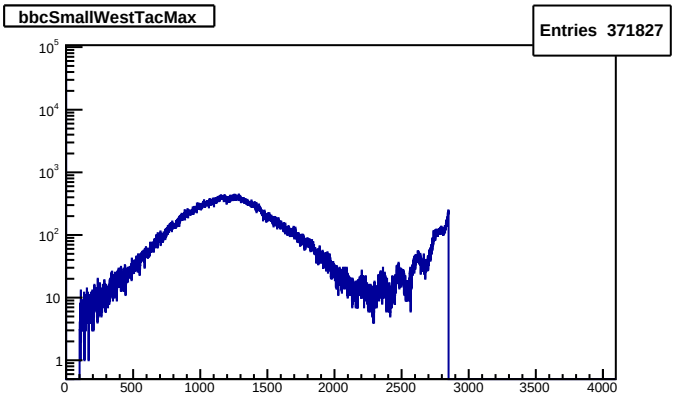

bbcSmallEastAdcSumVsSimu
Entries 271310
Data
Simu

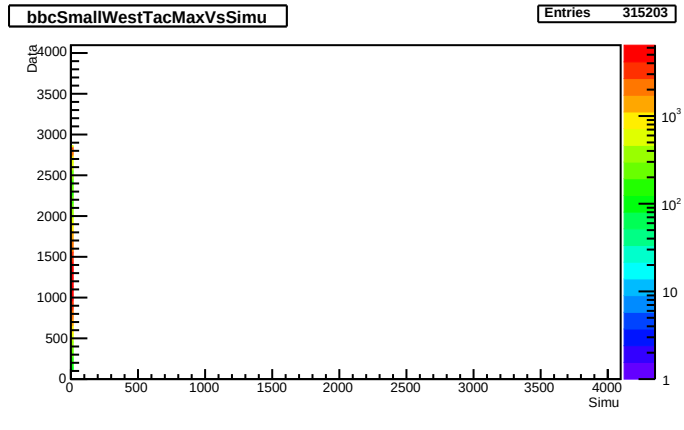

bbcSmallEastTacMax
Entries 371827

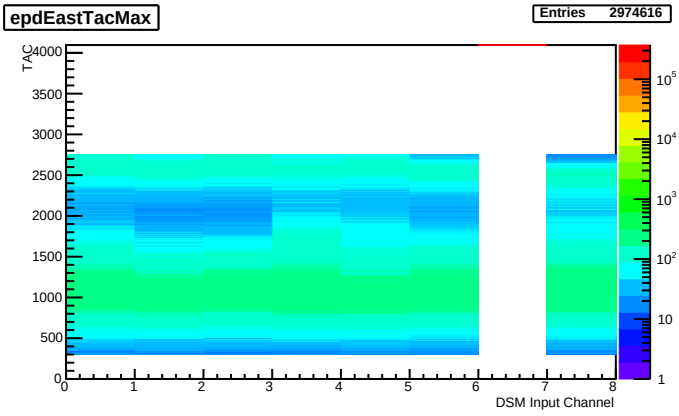

bbcSmallEastTacMaxVsSimu
Entries 271310
Data
Simu

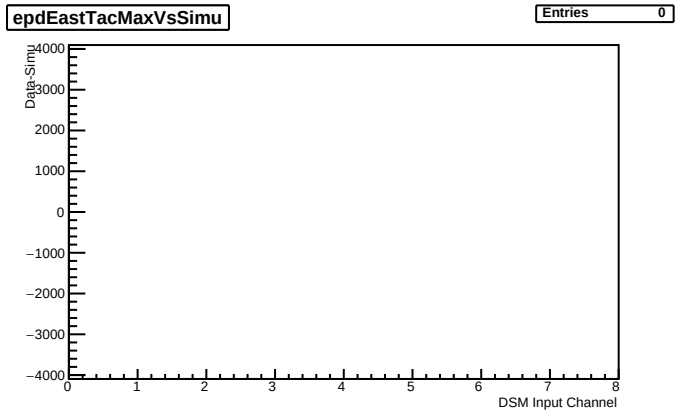

bbcSmallWestAdcSum
Entries 371827

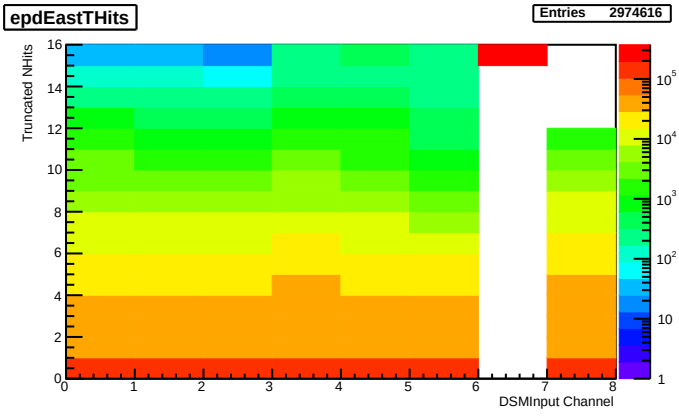

bbcSmallWestAdcSumVsSimu
Entries 315203
Data
Simu

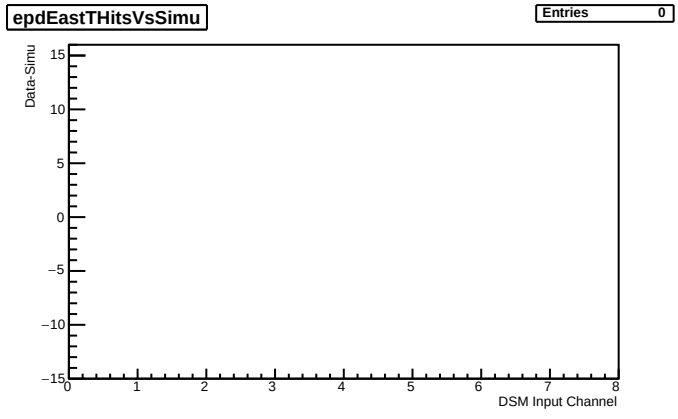

bbcSmallWestTacMax
Entries 371827

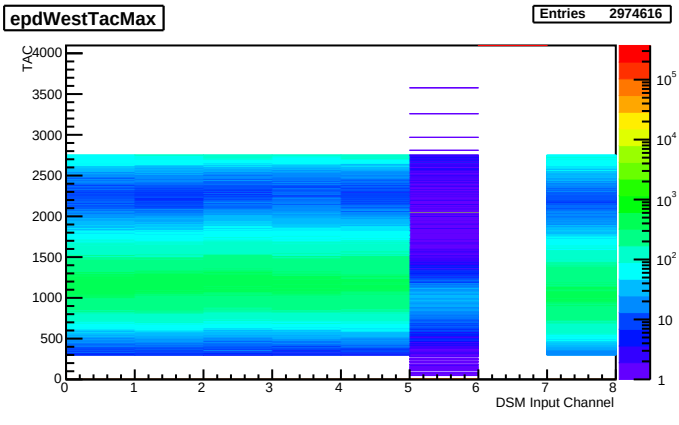

bbcSmallWestTacMaxVsSimu
Entries 315203
Data
Simu

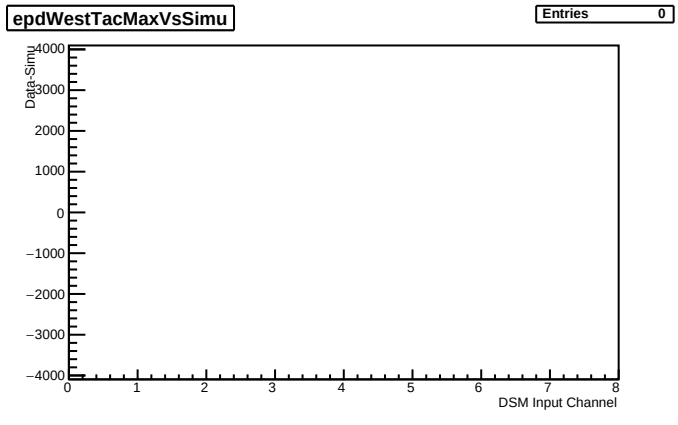

epdEastTacMax
Entries 2974616
TAC
DSM Input Channel

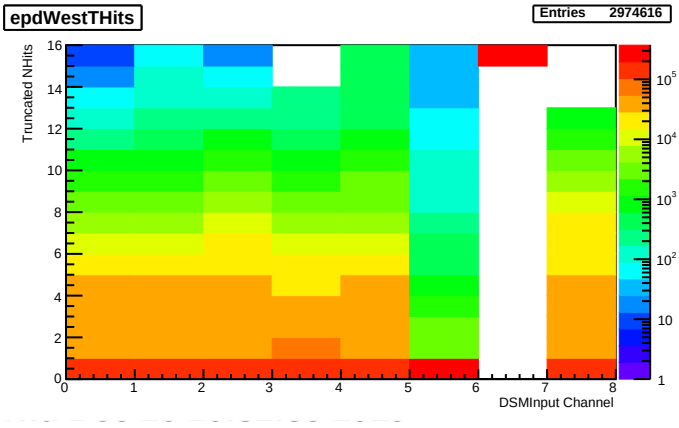

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

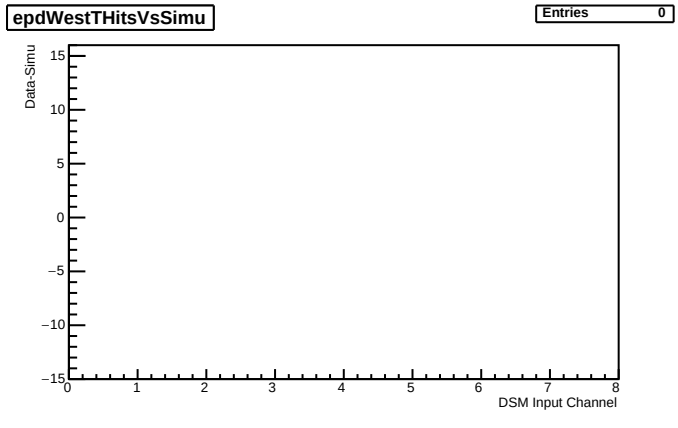

epdEastTHits
Entries 2974616
Truncated NHits
DSMInput Channel

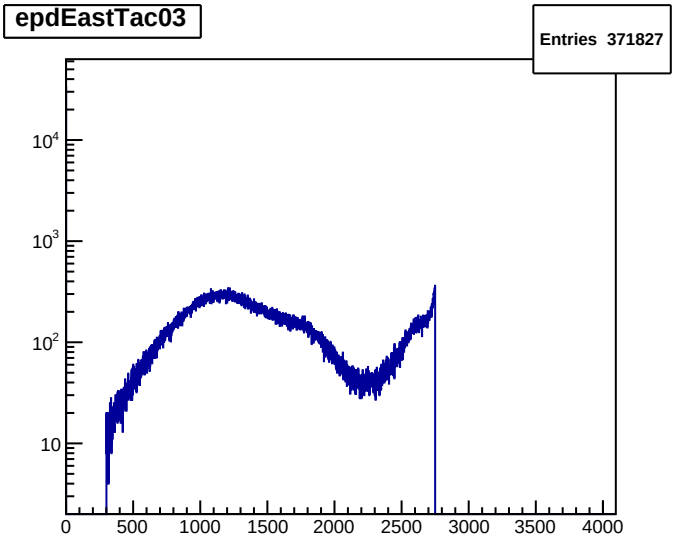

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

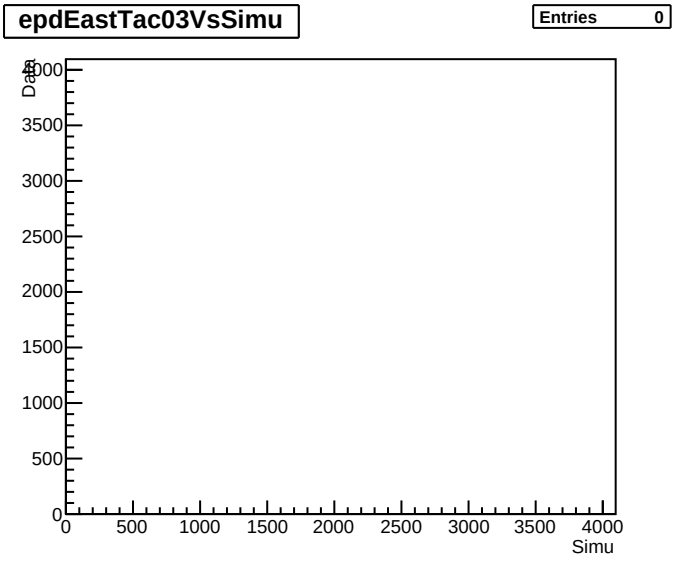

epdWestTacMax
Entries 2974616
TAC
DSM Input Channel

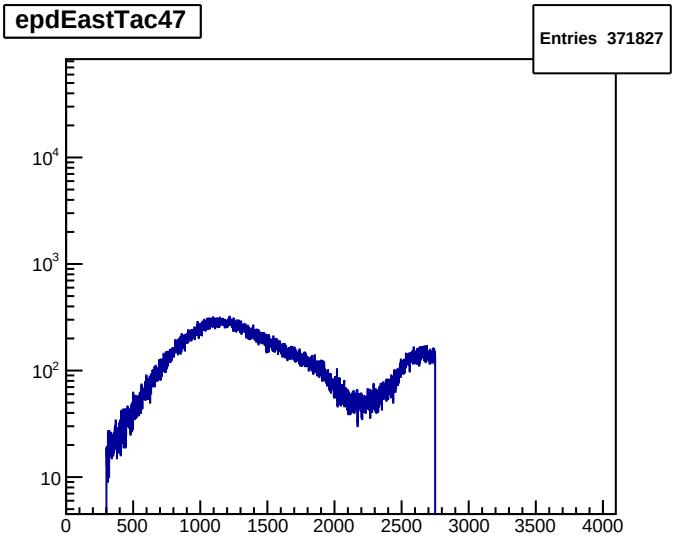

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

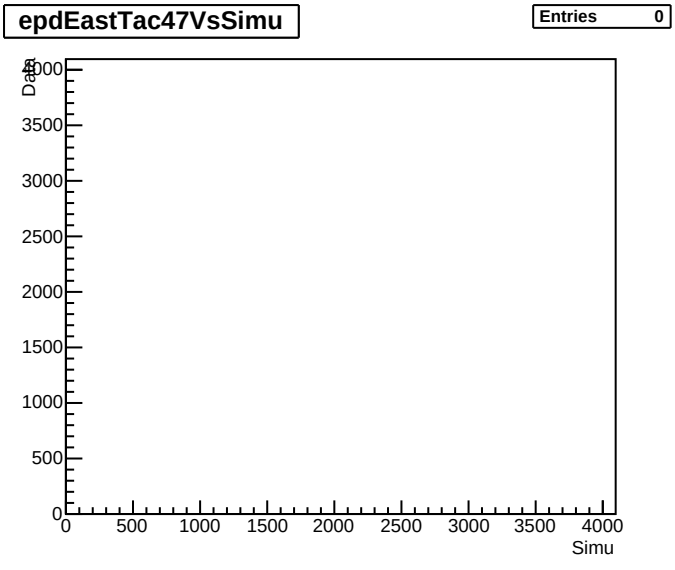

epdWestTHits
Entries 2974616
Truncated NHits
DSMInput Channel

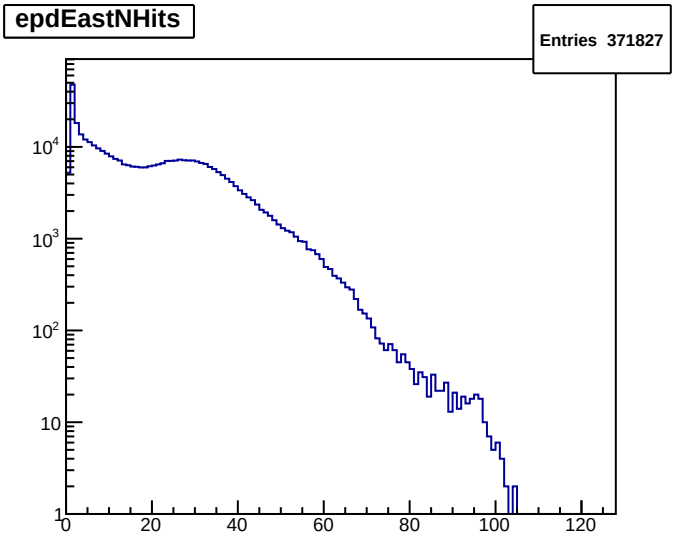

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

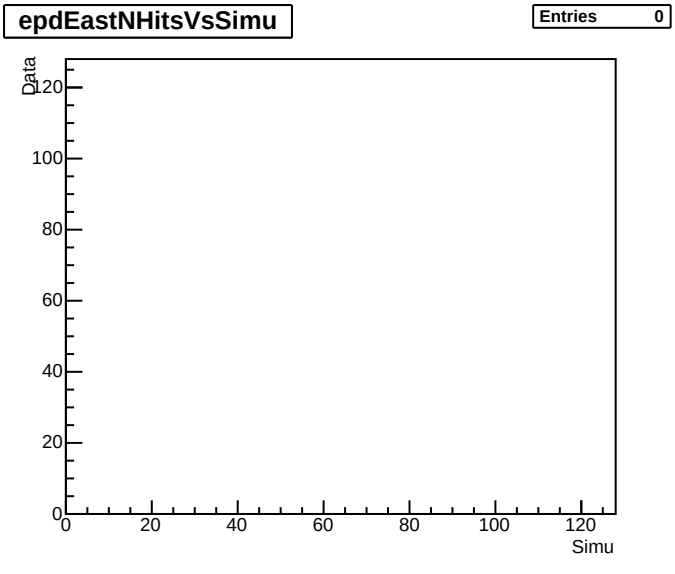

epdEastTac03
Entries 371827


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 371827


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 371827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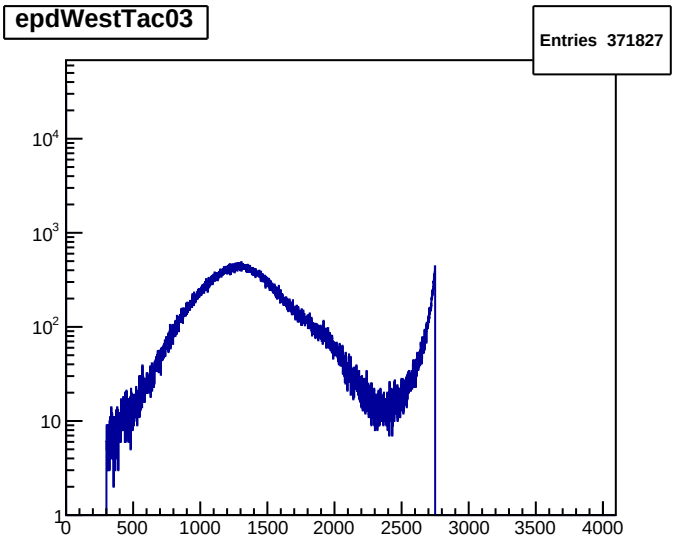
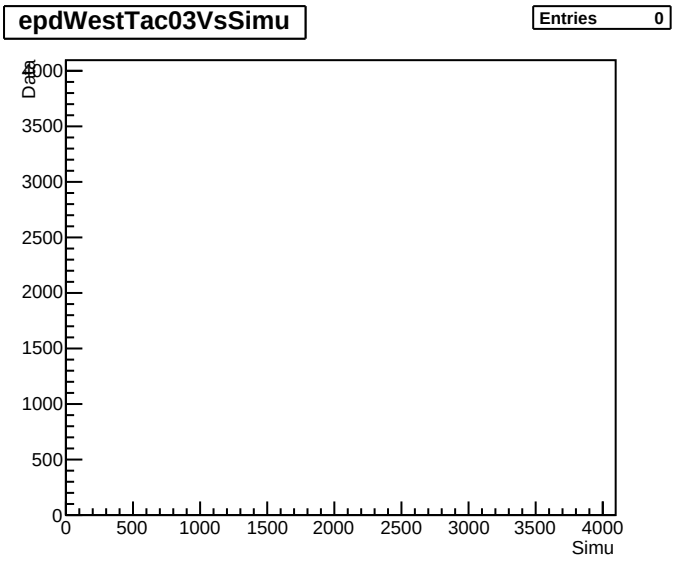
Entries 0
Data
Simu


epdWestTac03
Entries 371827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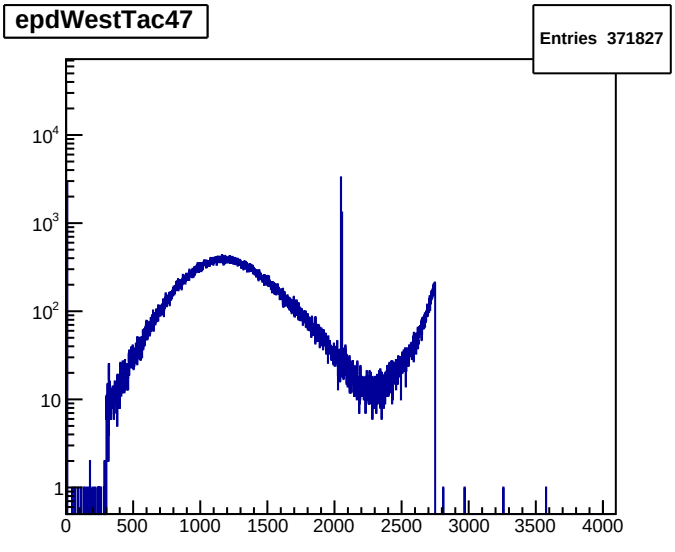
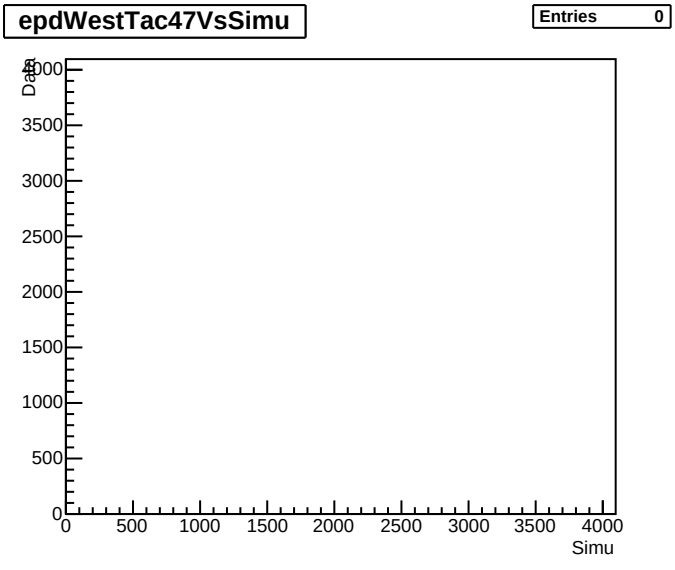
Entries 0
Data
Simu


epdWestTac47
Entries 371827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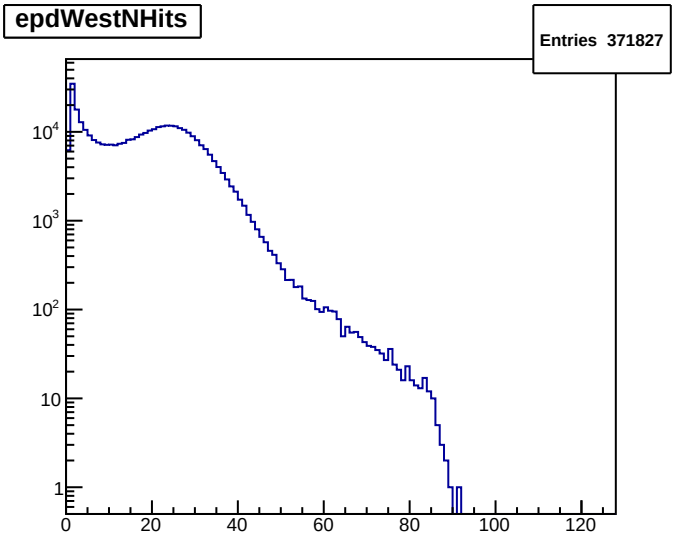
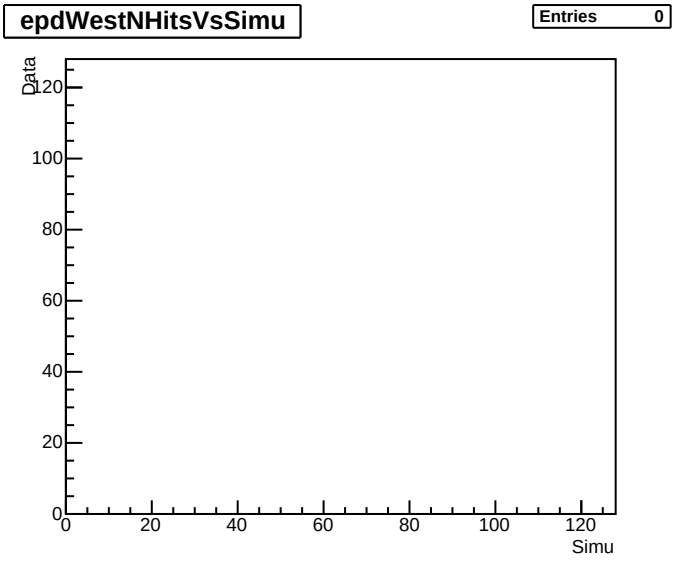
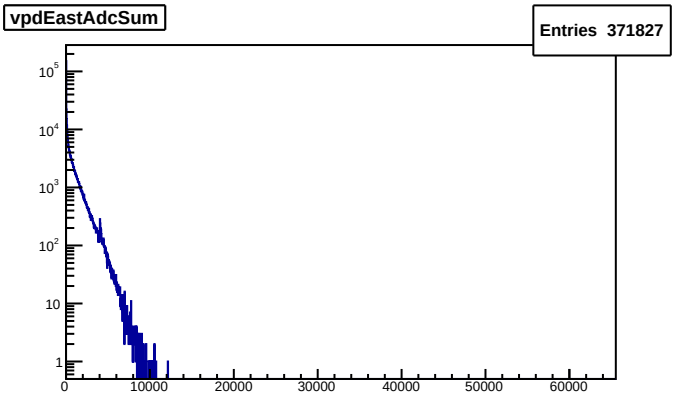
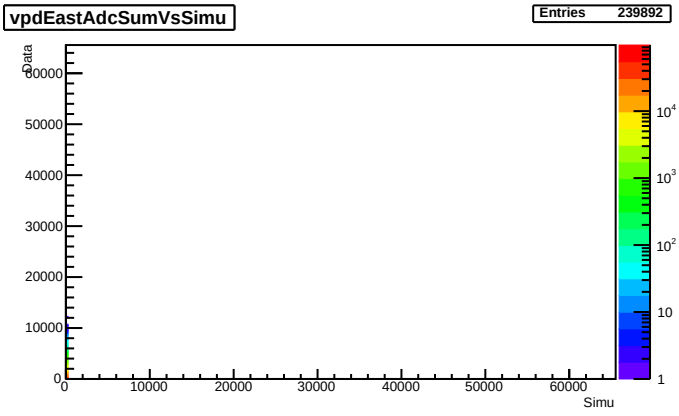
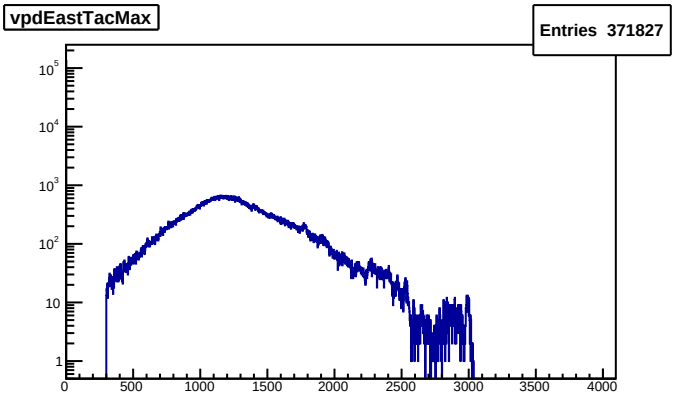
Entries 0
Data
Simu

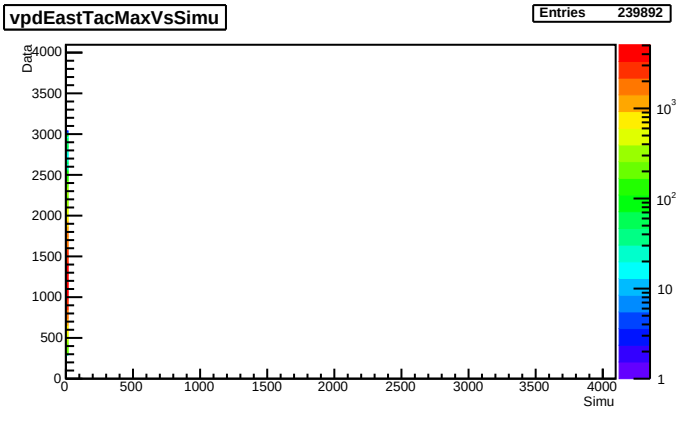

epdWestNHits
Entries 371827

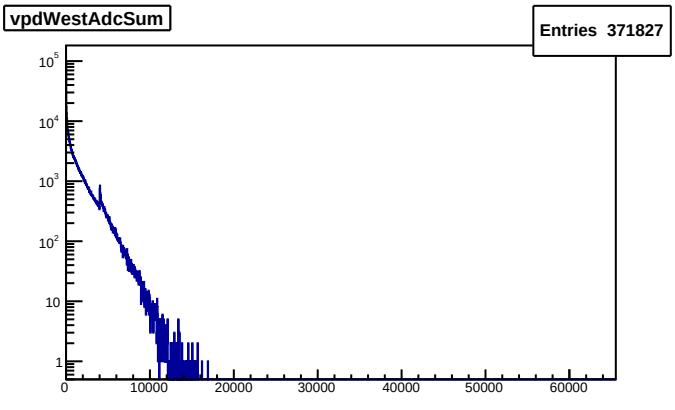

epdWestNHitsVsSimu
Entries 0
Data
Simu

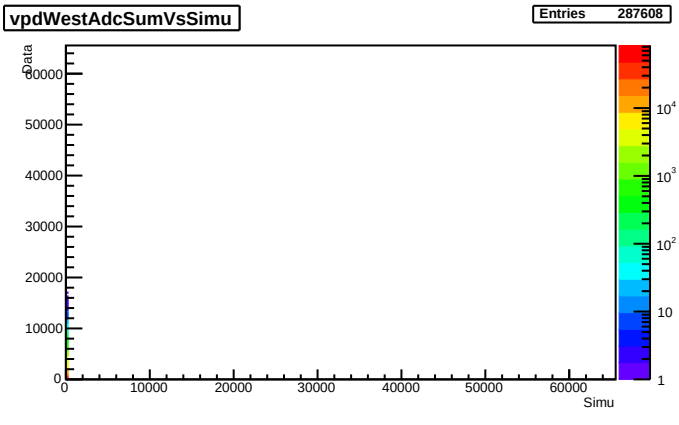

vpdEastAdcSum
Entries 371827

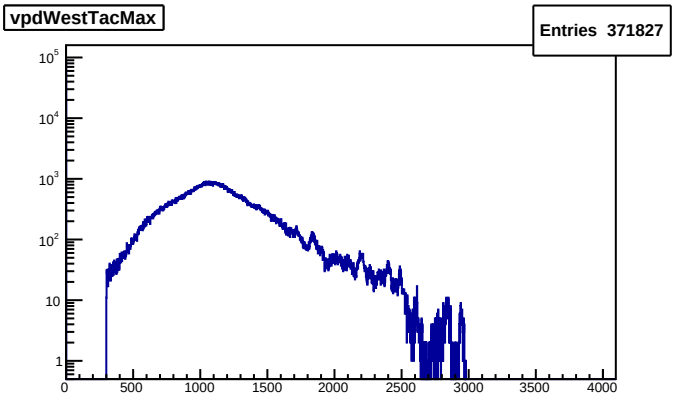

vpdEastAdcSumVsSimu
Entries 239892
Data
Simu

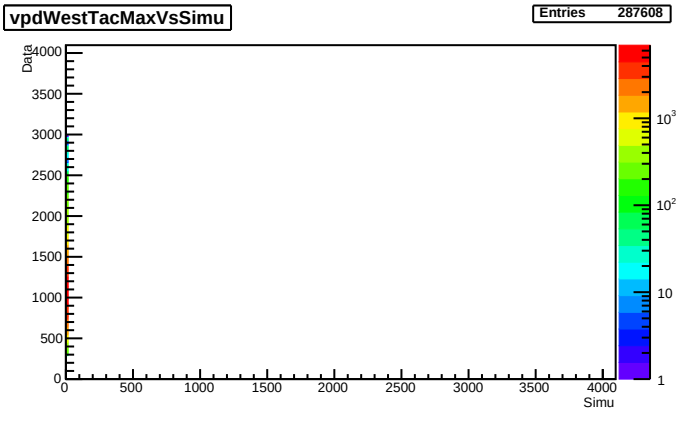

vpdEastTacMax
Entries 371827

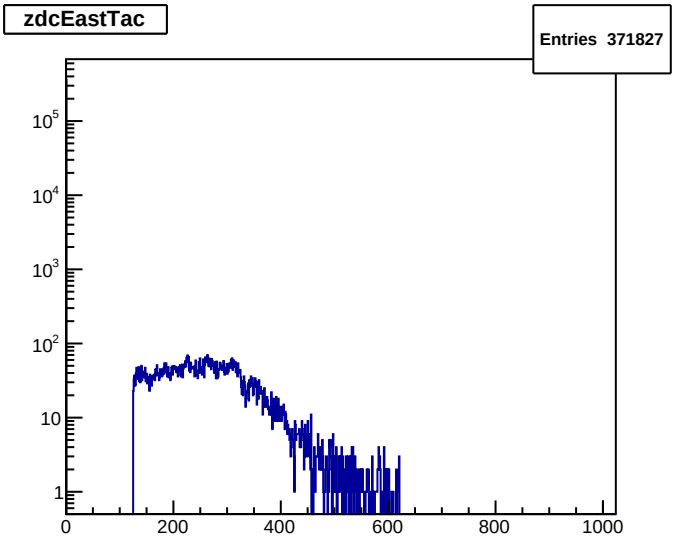

vpdEastTacMaxVsSimu
Entries 239892
Data
Simu

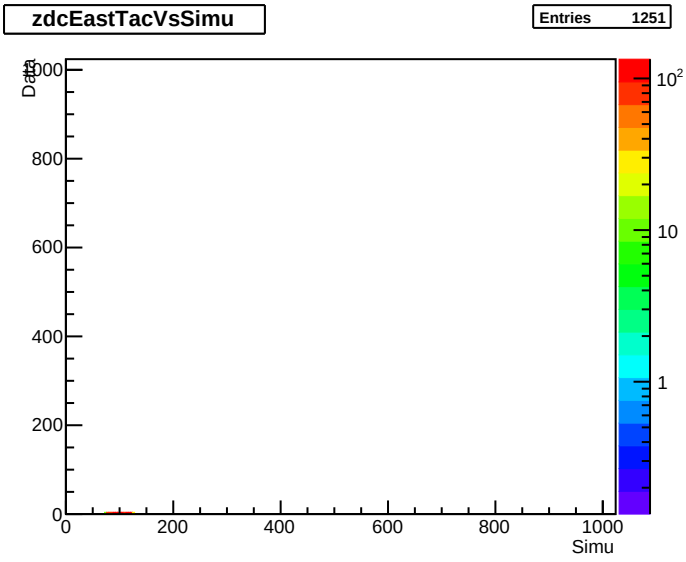

vpdWestAdcSum
Entries 371827

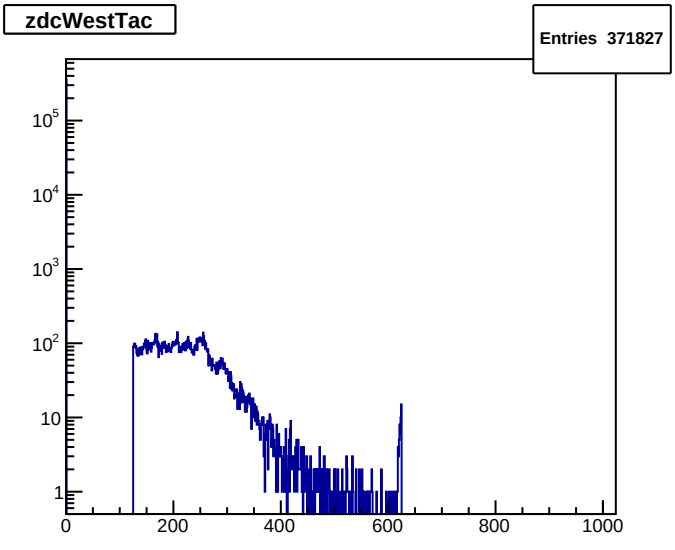

vpdWestAdcSumVsSimu
Entries 287608
Data
Simu

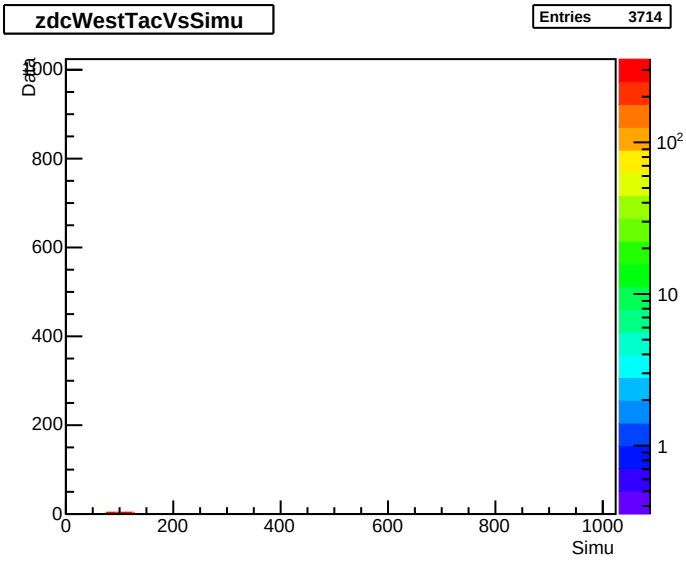

vpdWestTacMax
Entries 371827

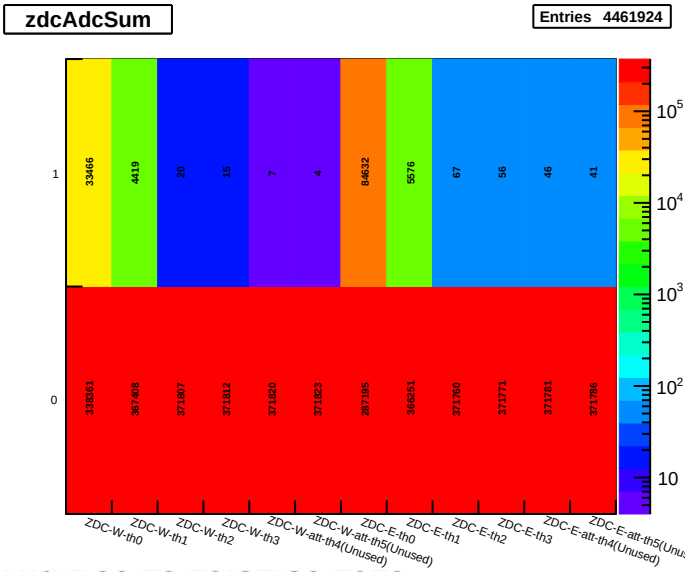

vpdWestTacMaxVsSimu
Entries 287608
Data
Simu

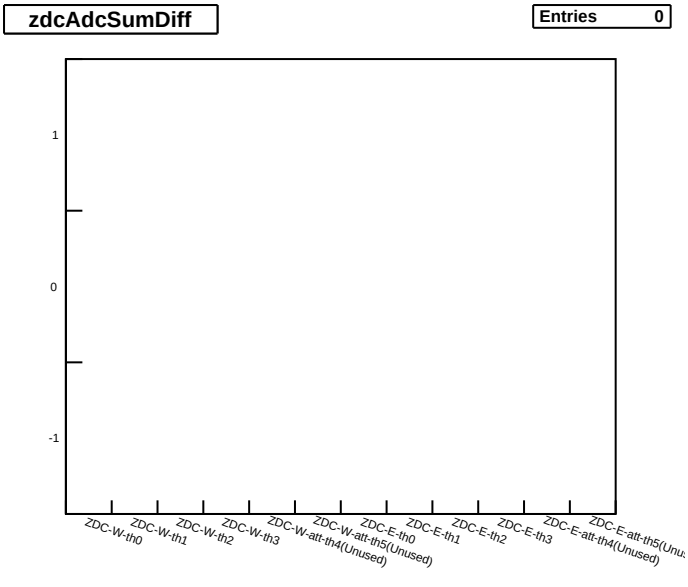

zdcEastTac
Entries 371827

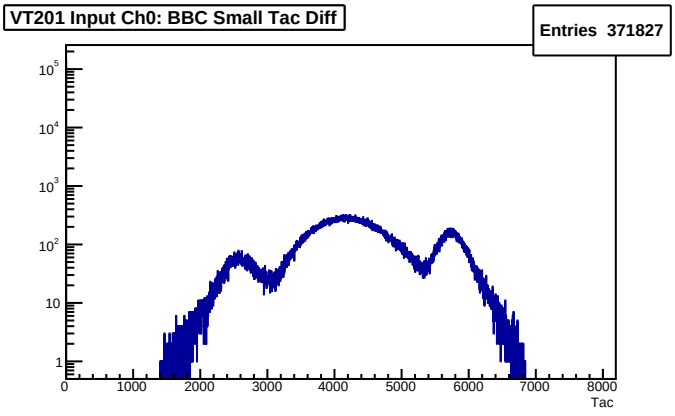

zdcEastTacVsSimu
Entries 1251
Data
Simu

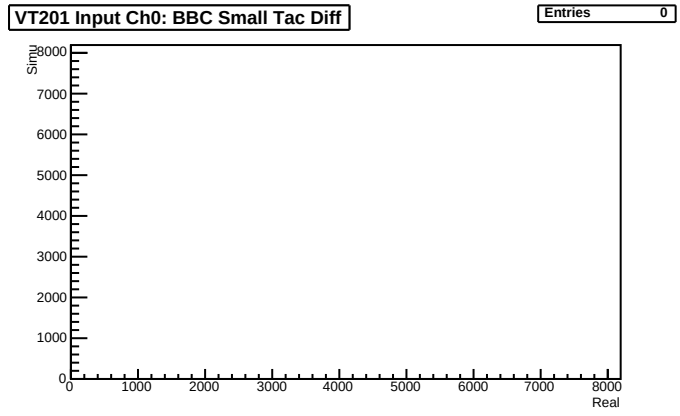

zdcWestTac
Entries 371827

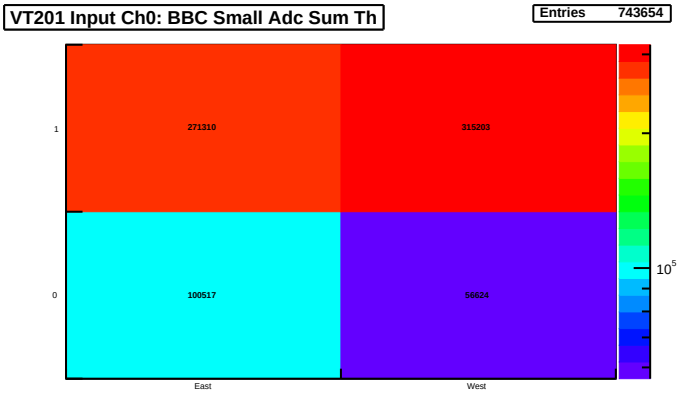

zdcWestTacVsSimu
Entries 3714
Data
Simu

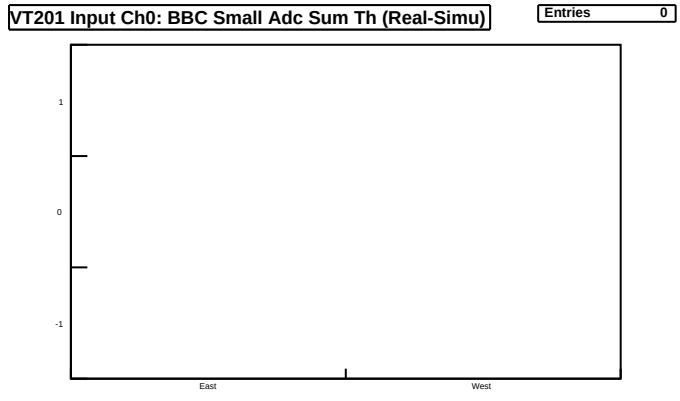

zdcAdcSum
Entries 4461924
33466
4419
20
15
7
4
84632
5576
67
56
46
41
338561
367408
371807
371812
371820
371823
287195
366251
371760
371771
371781
371786
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

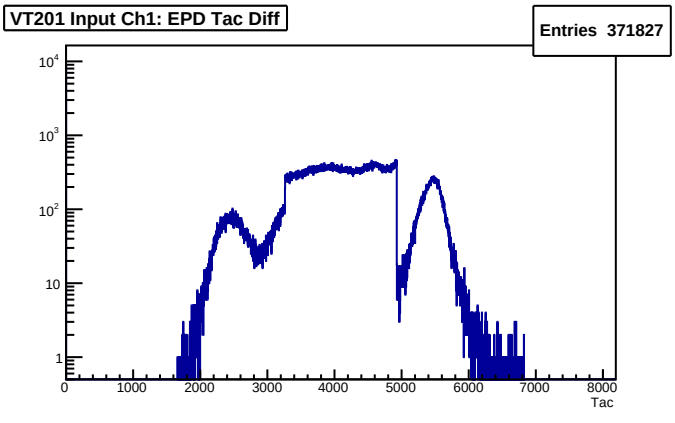

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

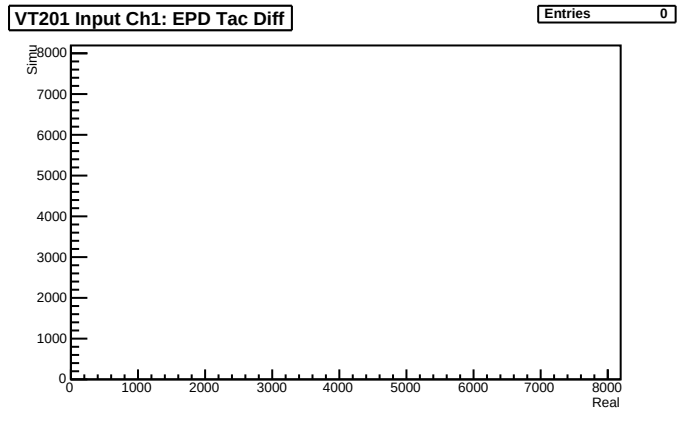

VT201 Input Ch0: BBC Small Tac Diff
Entries 371827
Tac

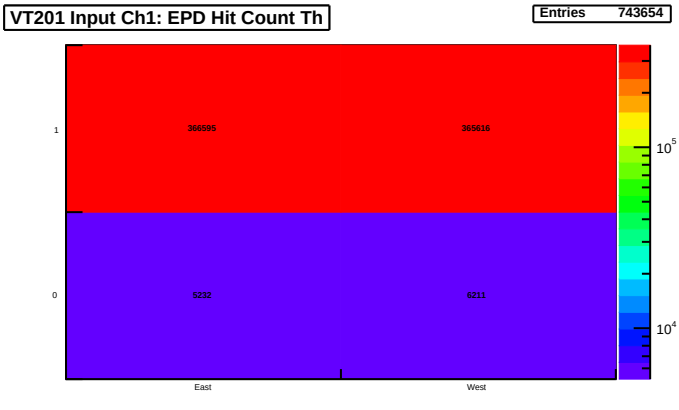

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

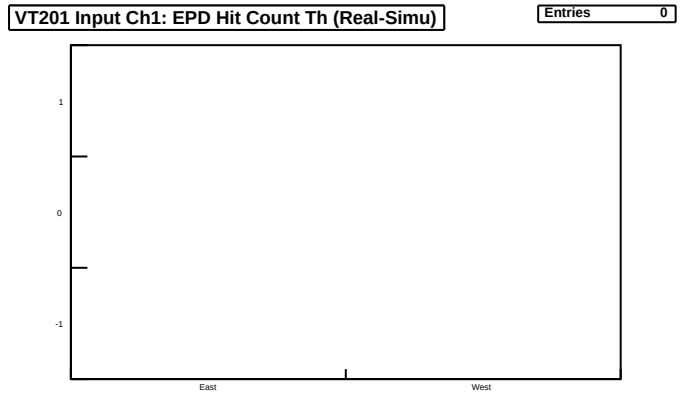

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 743654
271310
315203
100517
56624
East
West

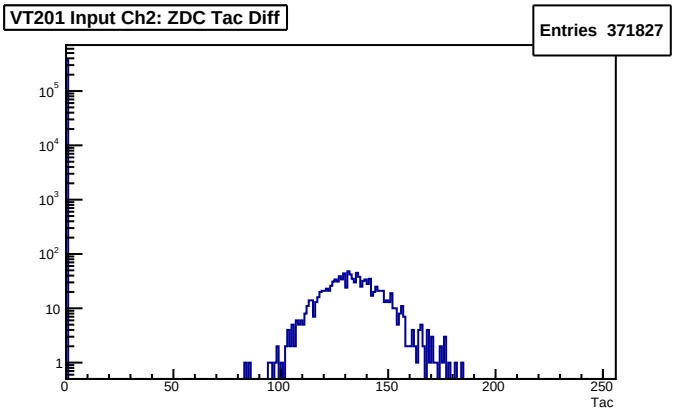

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

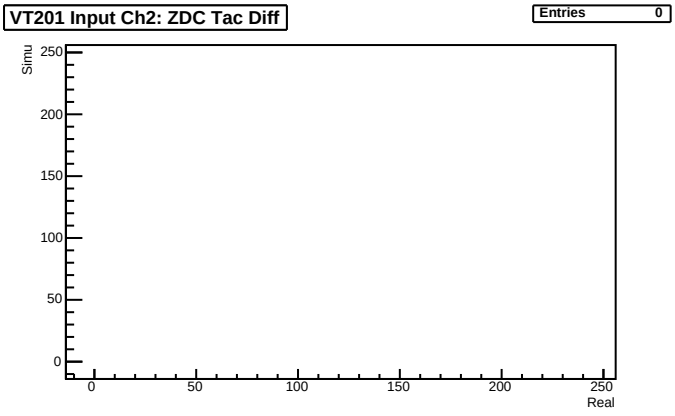

VT201 Input Ch1: EPD Tac Diff
Entries 371827
Tac

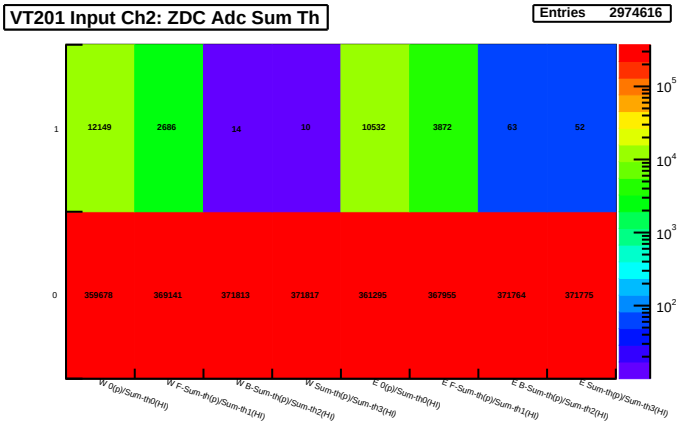

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

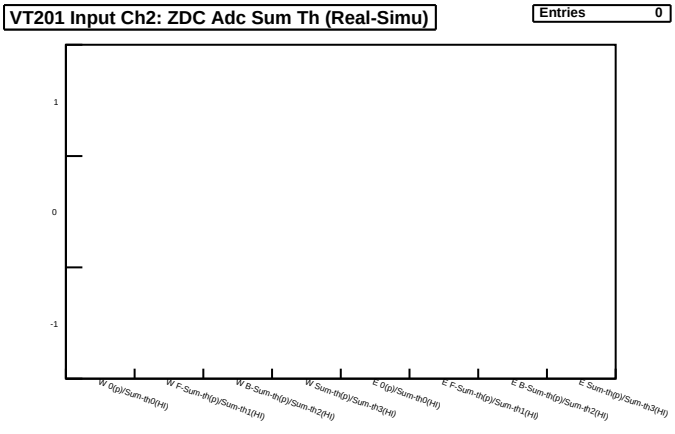

VT201 Input Ch1: EPD Hit Count Th
Entries 743654
366595
365616
5232
6211
East
West

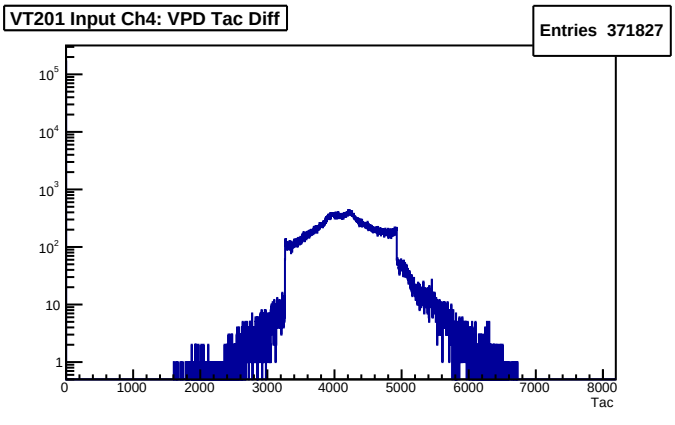

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

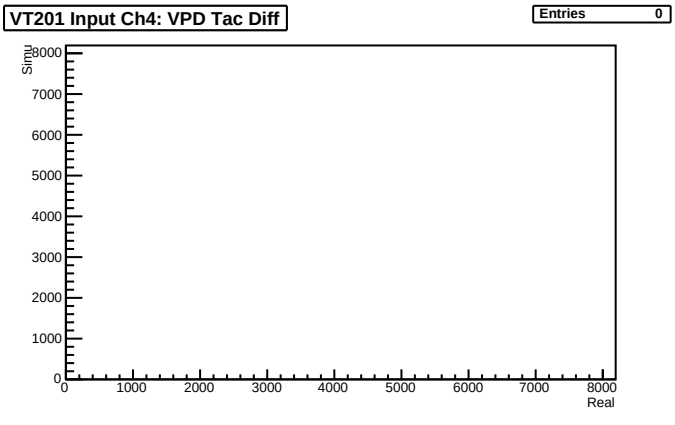

VT201 Input Ch2: ZDC Tac Diff
Entries 371827
Tac

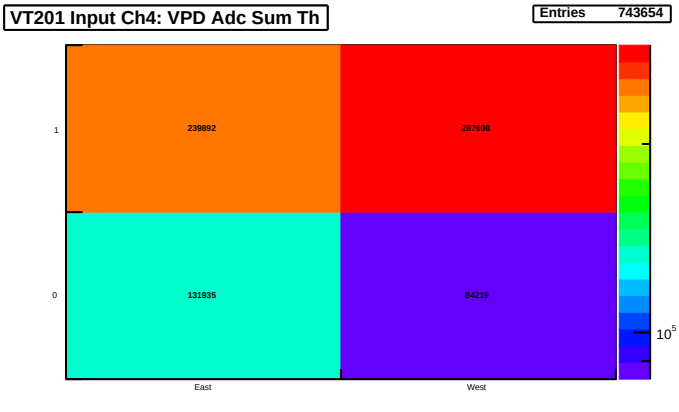

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

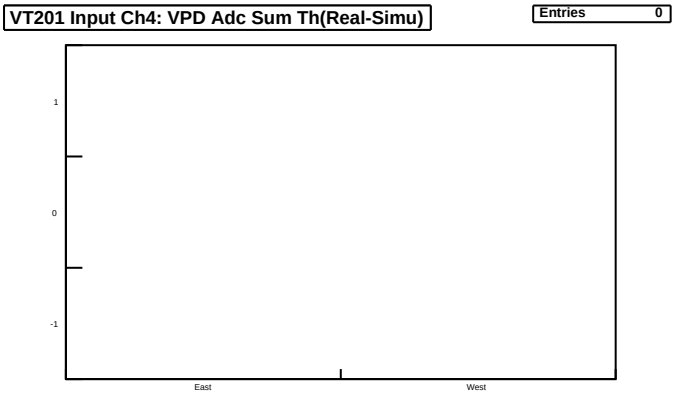

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2974616
12149
2686
14
10
10532
3872
63
52
359678
369141
371813
371817
361295
367955
371764
371775
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

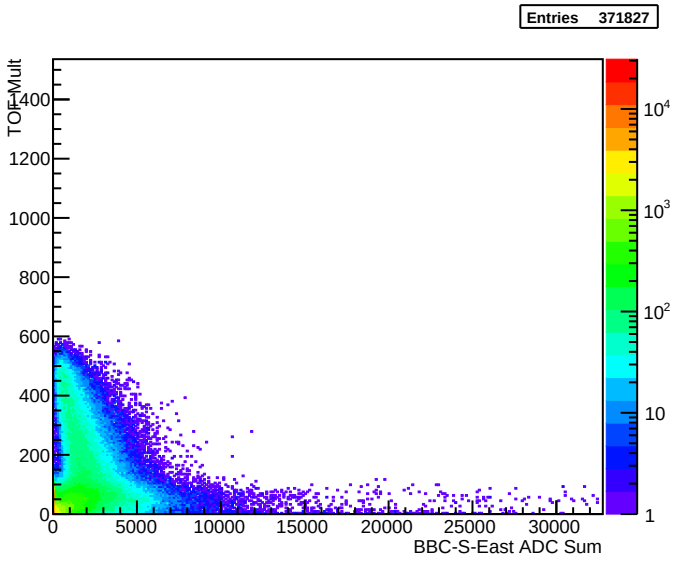

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

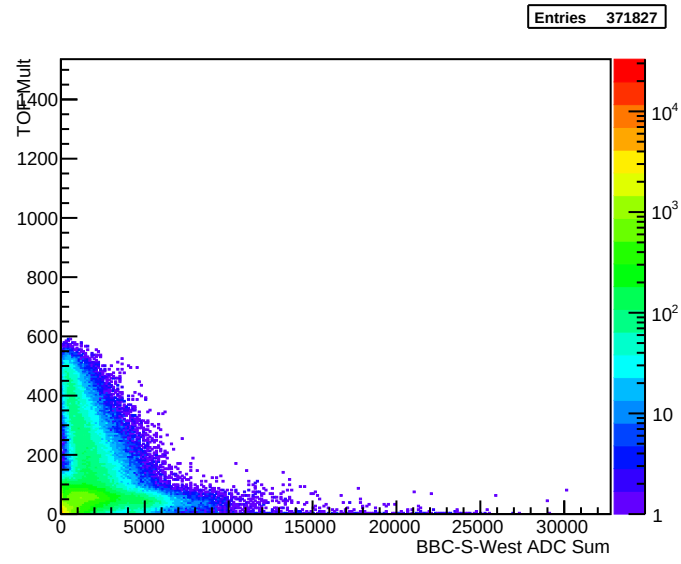

VT201 Input Ch4: VPD Tac Diff
Entries 371827
Tac

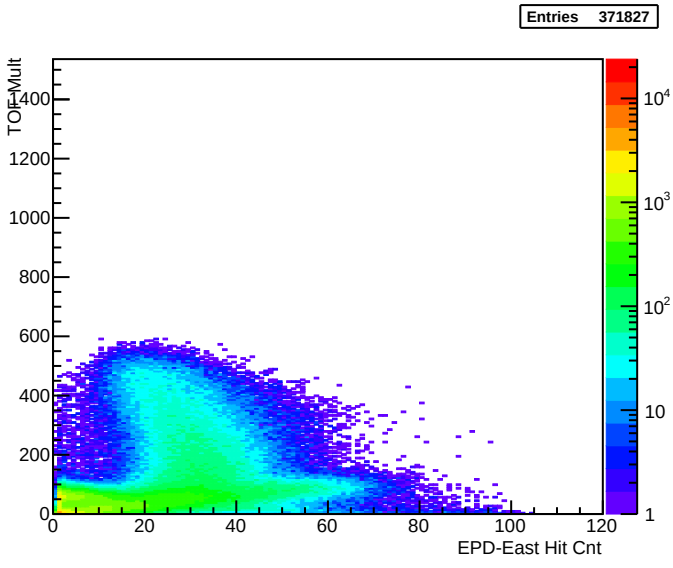

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

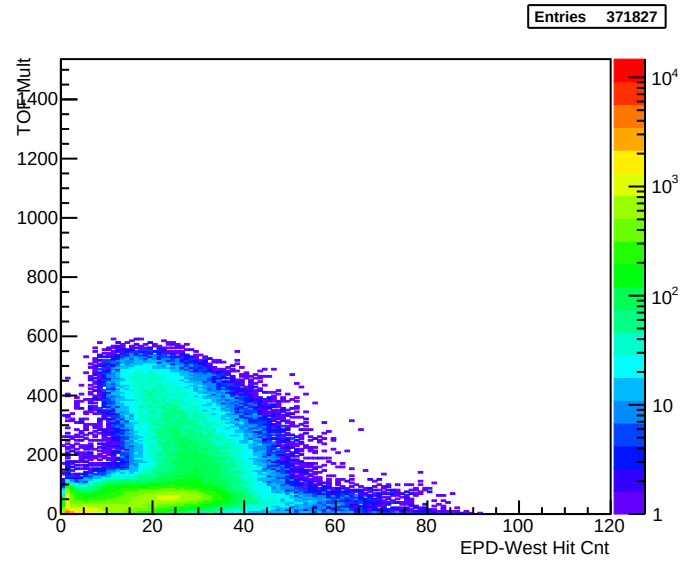

VT201 Input Ch4: VPD Adc Sum Th
Entries 743654
239892
287608
131935
84219
East
West

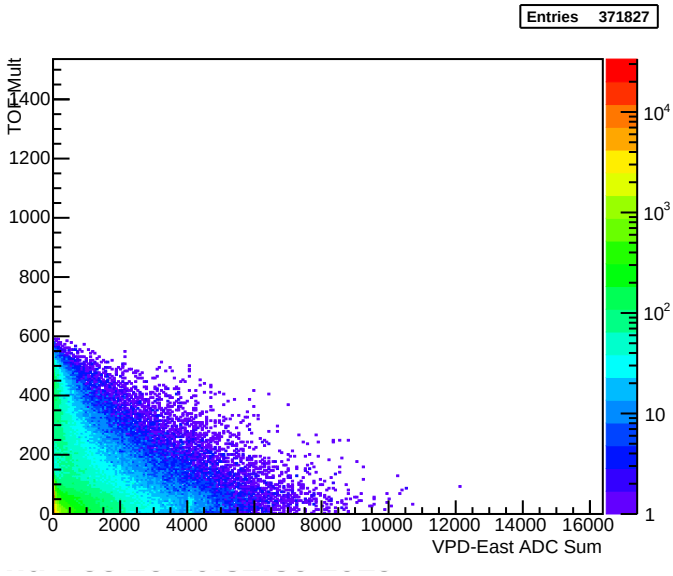

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

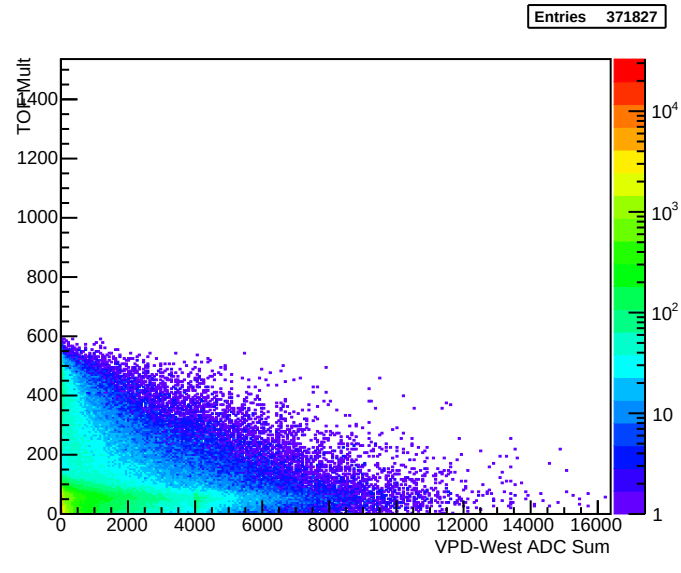

Entries 371827
TOF-Mult
BBC-S-East ADC Sum

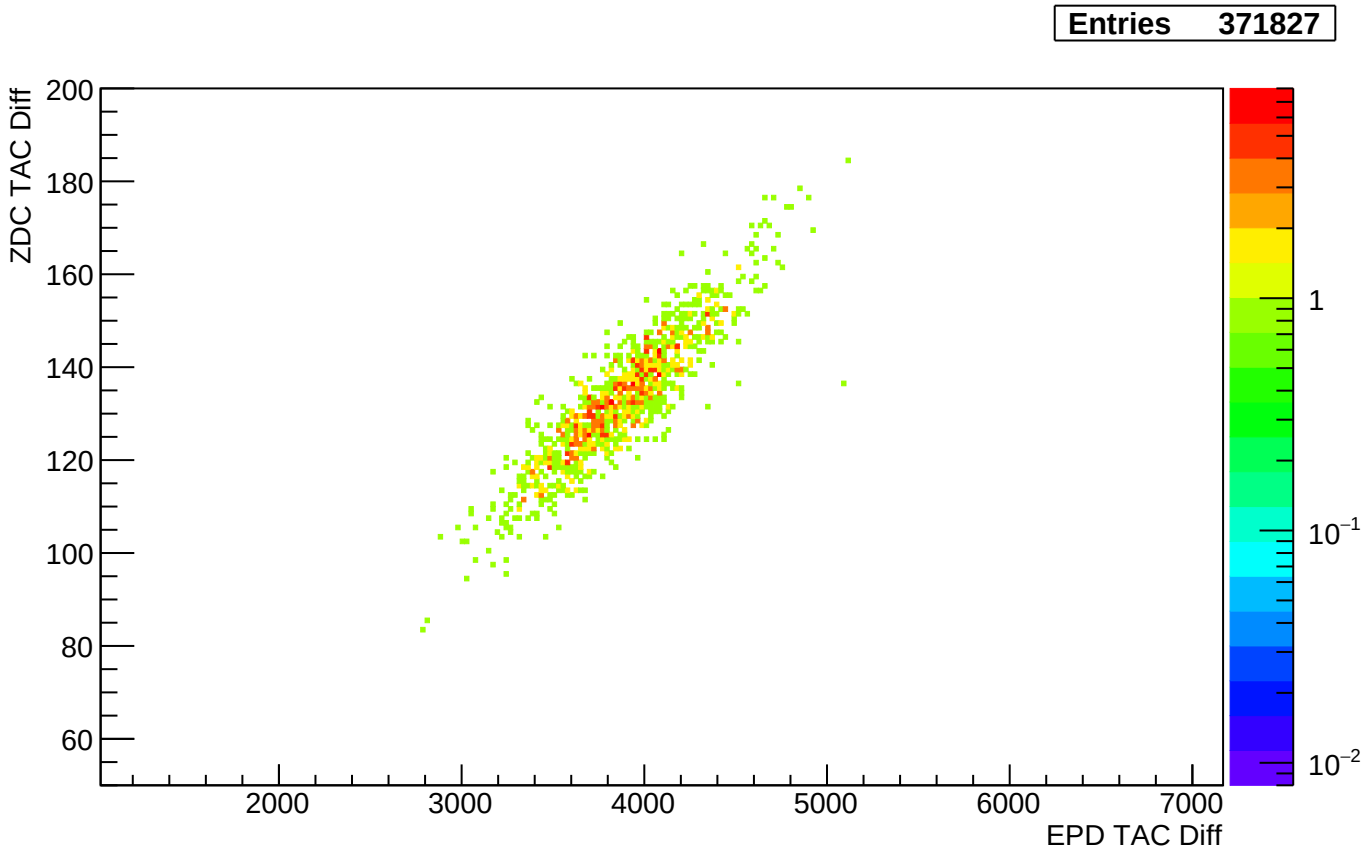

Entries 371827
TOF-Mult
BBC-S-West ADC Sum

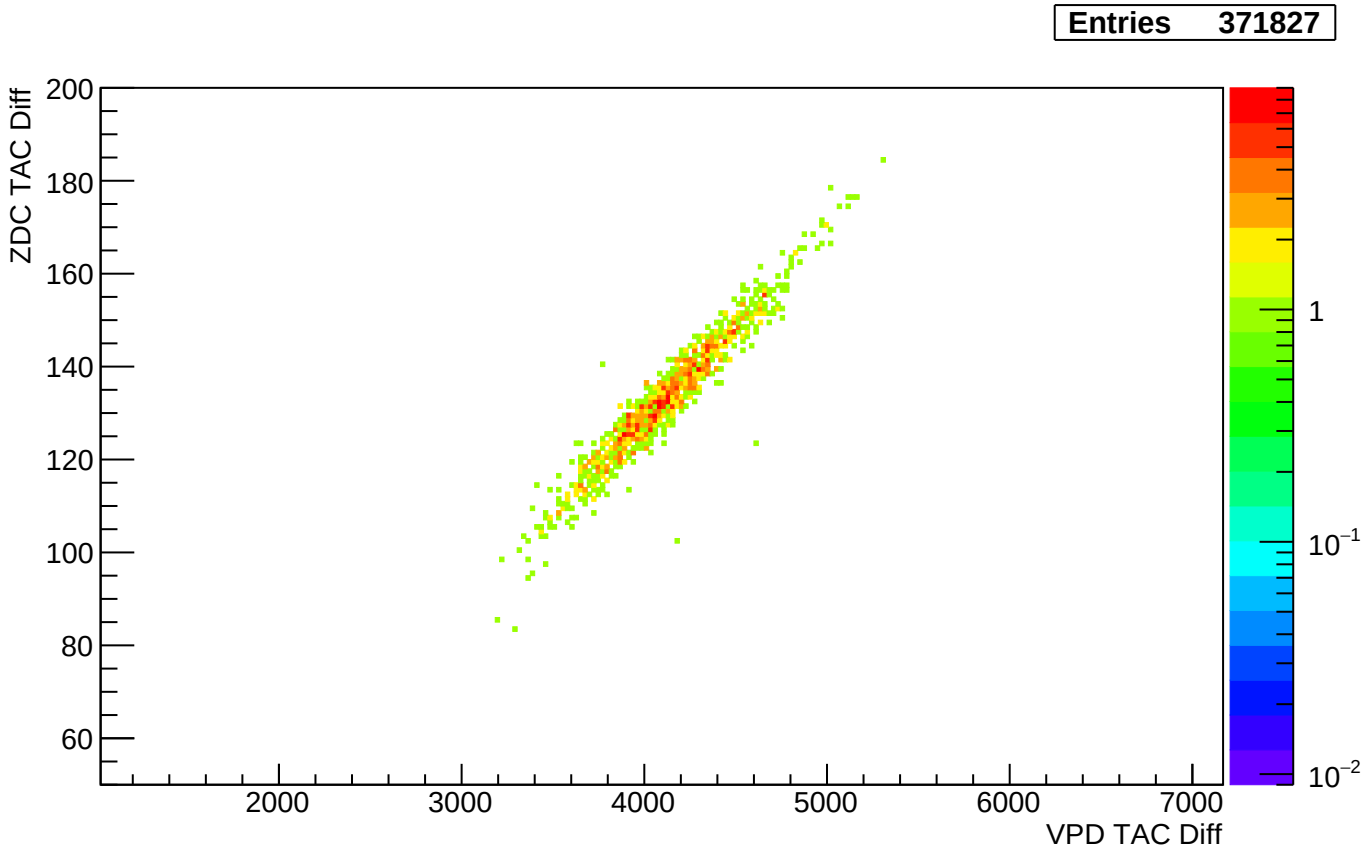

Entries 371827
TOF-Mult
EPD-East Hit Cnt

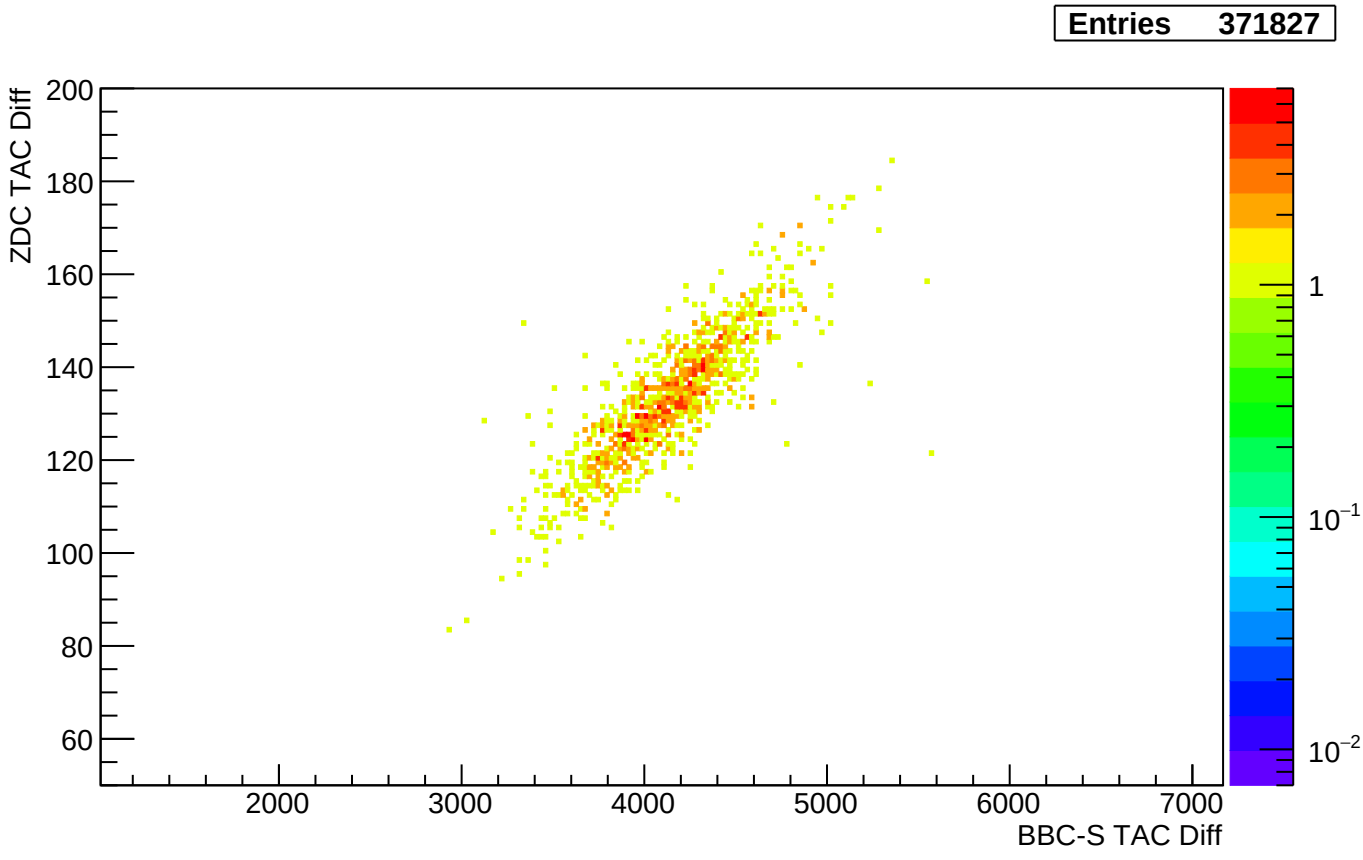

Entries 371827
TOF-Mult
EPD-West Hit Cnt

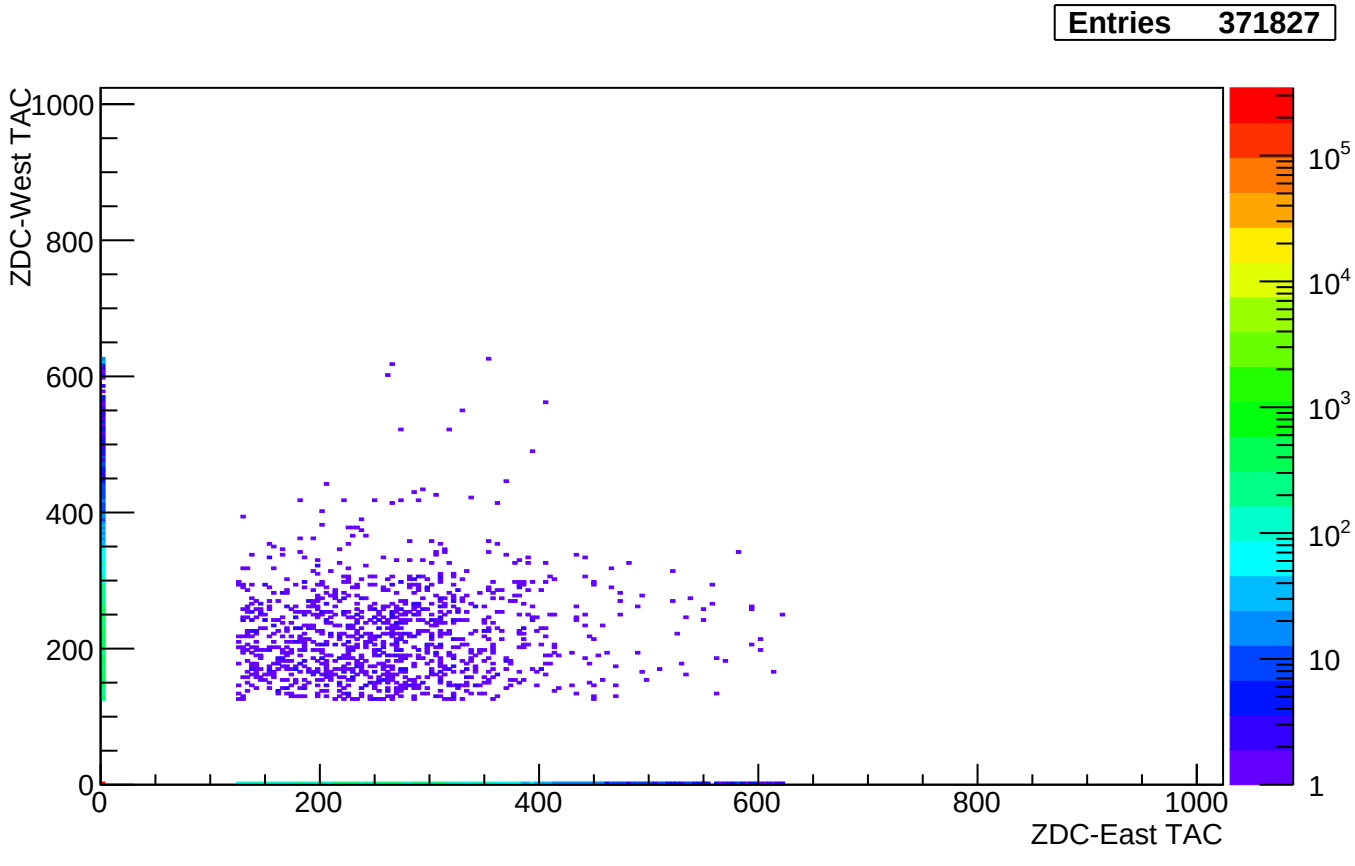

Entries 371827
TOF-Mult
VPD-East ADC Sum

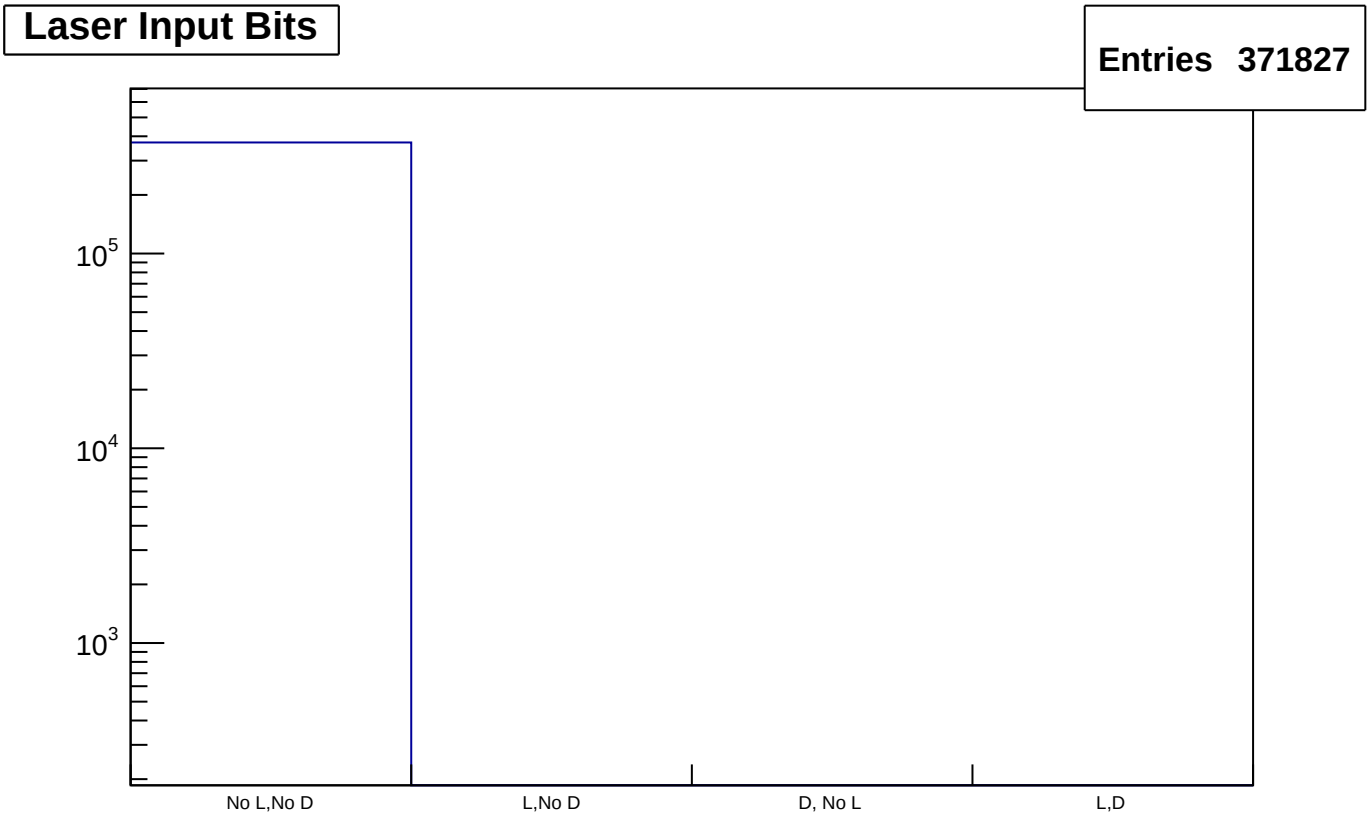

Entries 371827
TOF-Mult
VPD-West ADC Sum

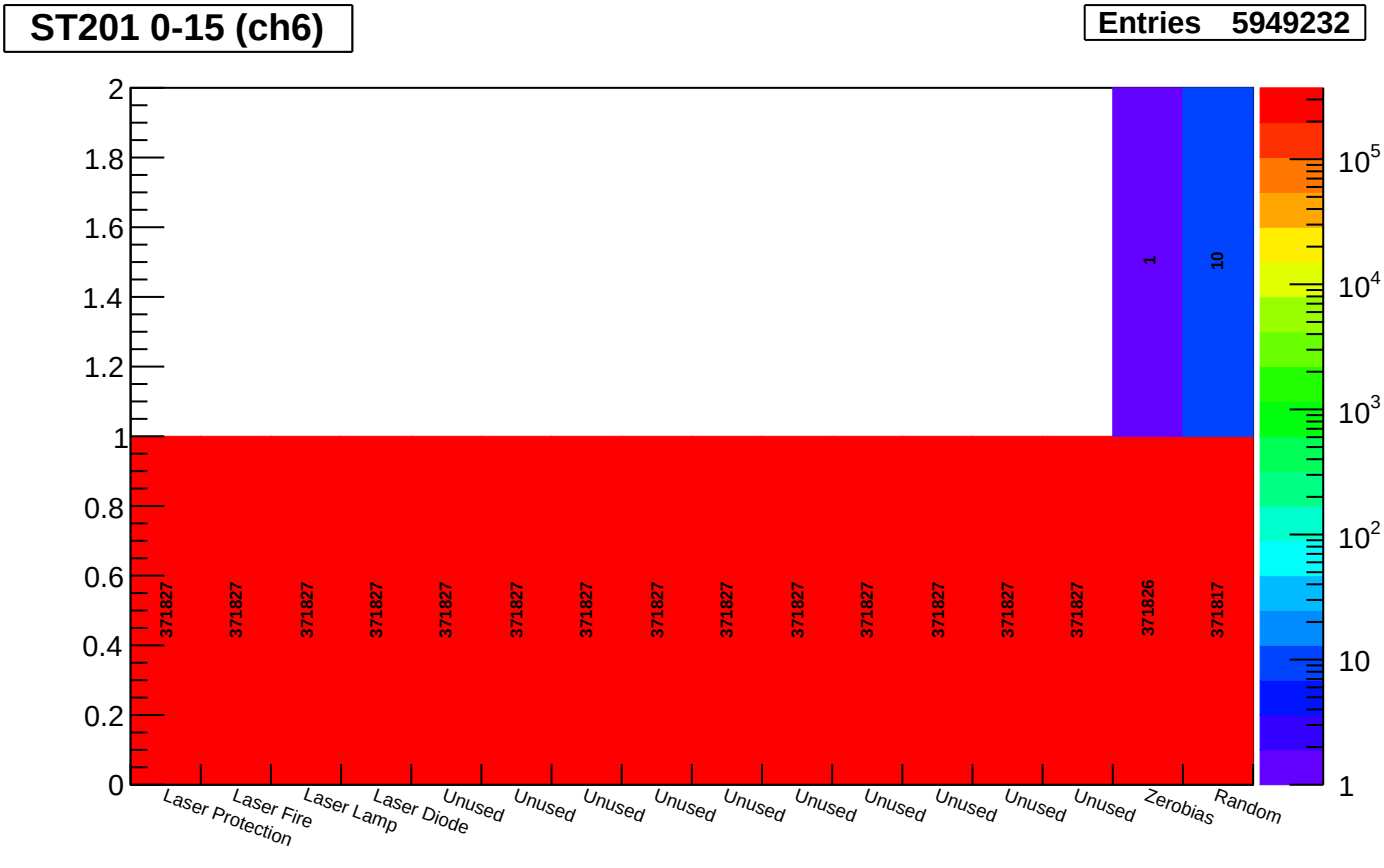

Entries 371827
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

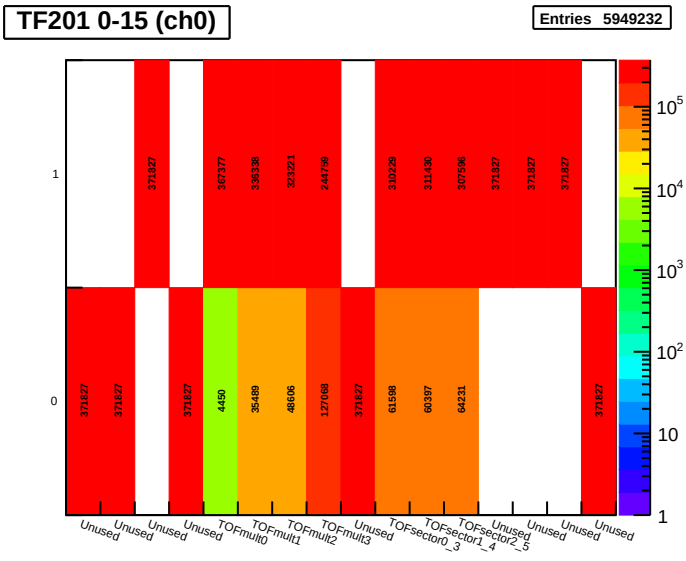

Entries 371827
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

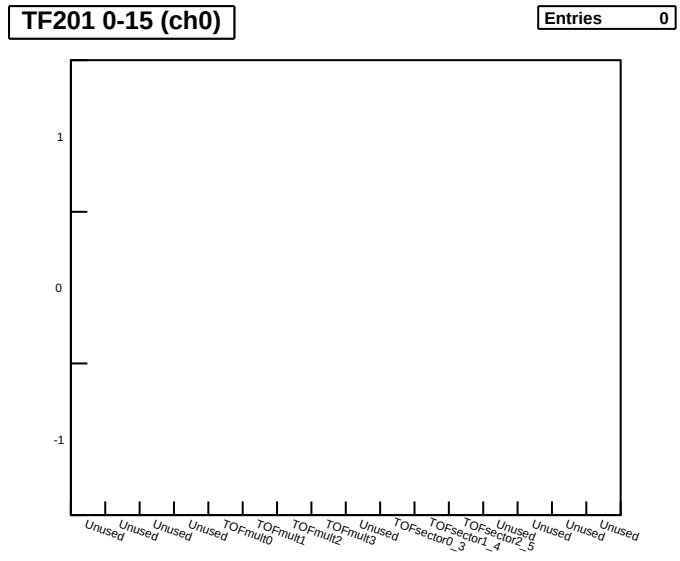

Entries 371827
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

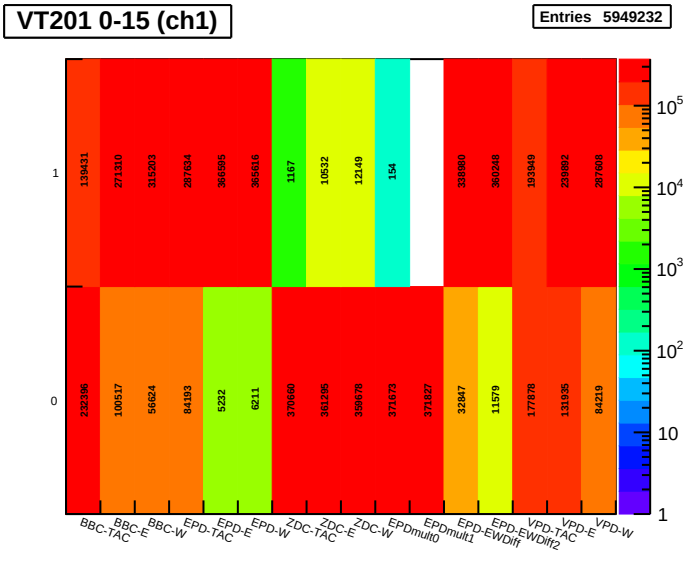

Entries 371827
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

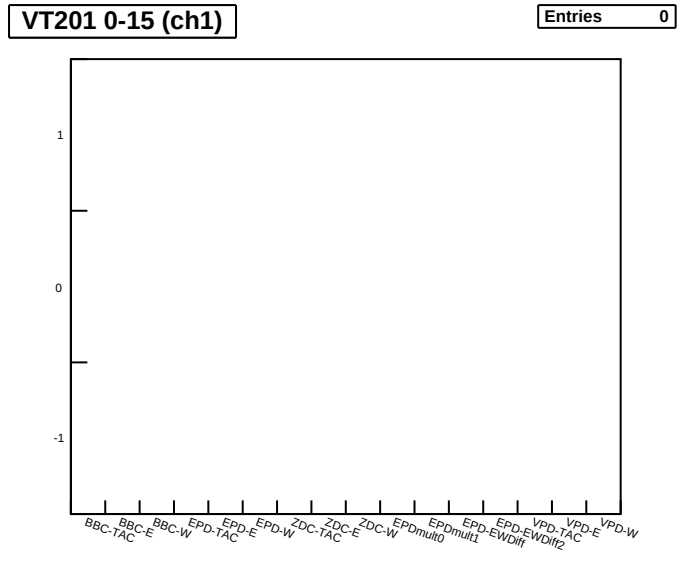

Laser Input Bits
Entries 371827
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

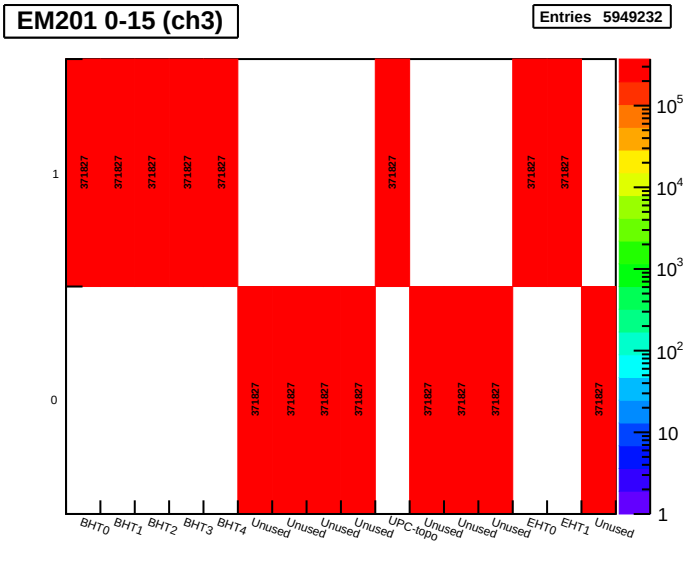

ST201 0-15 (ch6)
Entries 5949232
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
371827
371826
371817
1
10
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

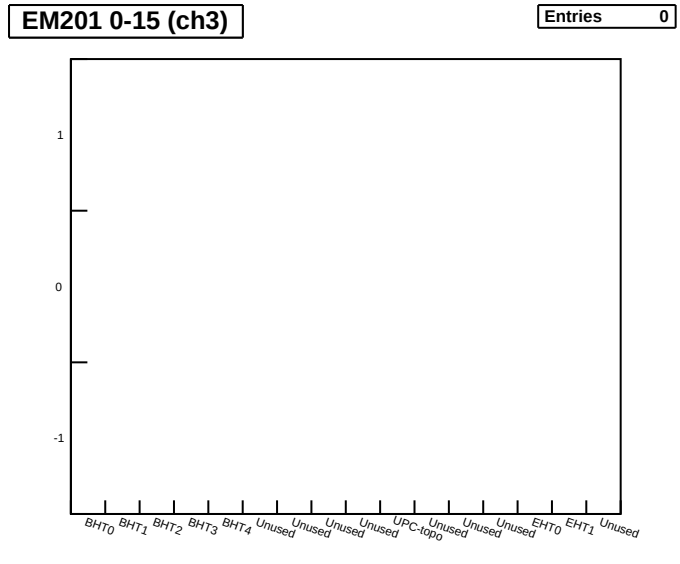

TF201 0-15 (ch0)
Entries 5949232
371827 367377 336338 323221 244759 310229 311430 307596 371827 371827 371827
371827 371827 371827 4450 35489 49606 127068 371827 61598 60397 64231 371827
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


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


VT201 0-15 (ch1)
Entries 5949232
139431 271310 315203 287634 366995 365616 1167 10532 12149 154 338980 360248 193949 239892 287608
232396 100517 56624 84193 5232 6211 370660 361295 359678 371673 371827 32847 11579 177878 131935 84219
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 5949232
371827 371827 371827 371827 371827 371827 371827 371827
371827 371827 371827 371827 371827 371827 371827 371827
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused


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