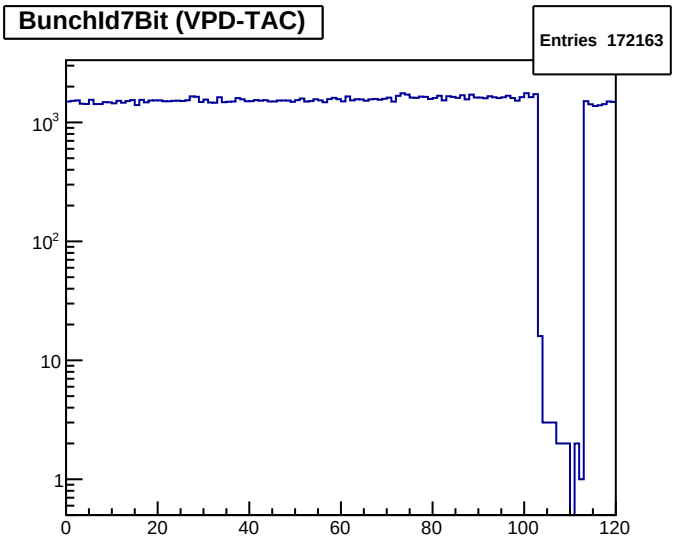
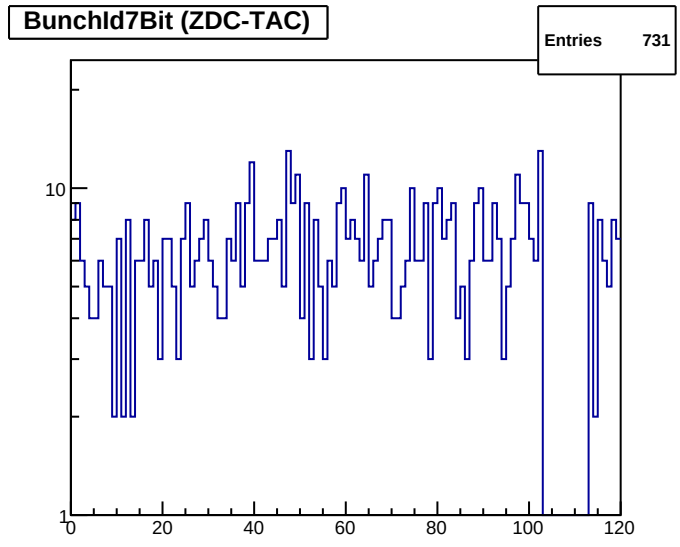
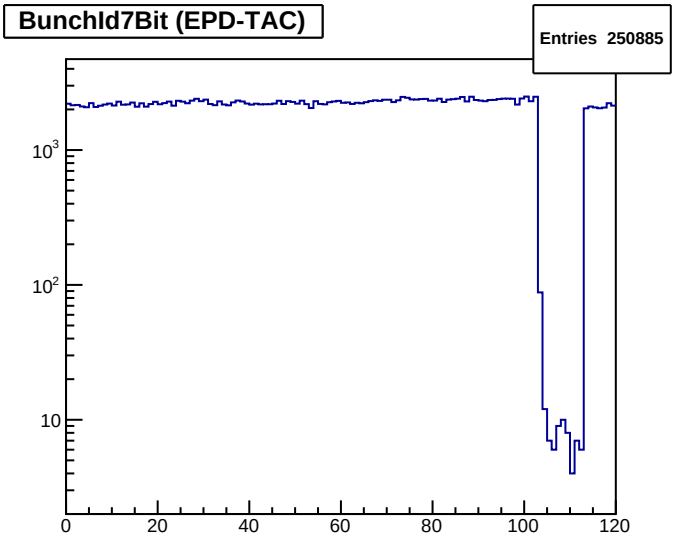
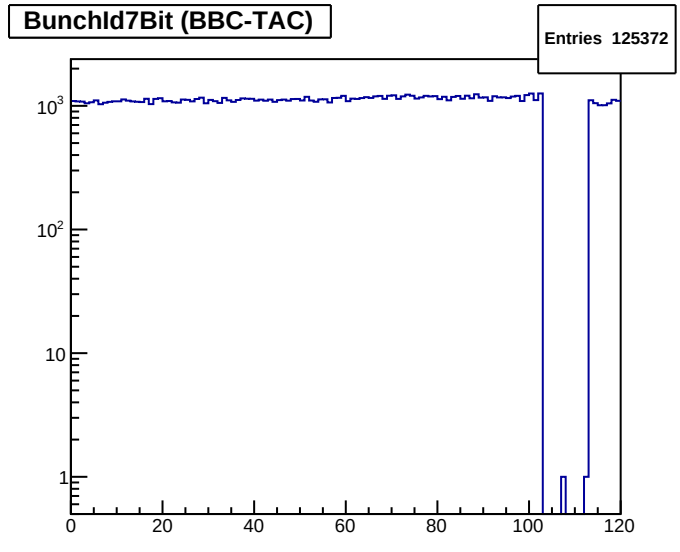
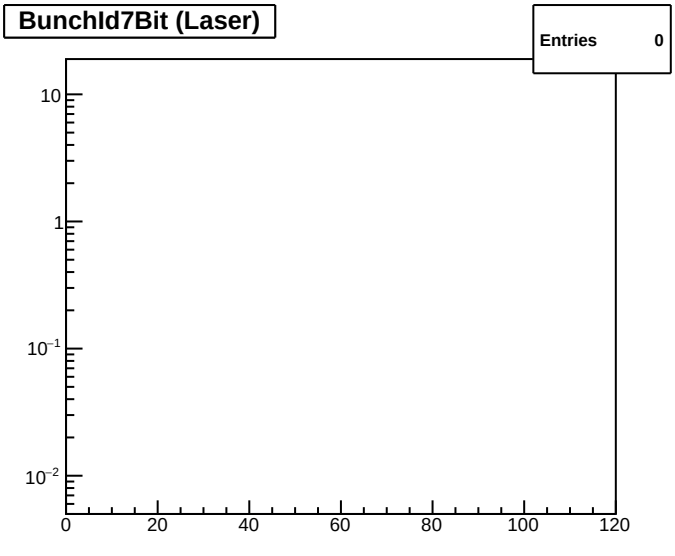
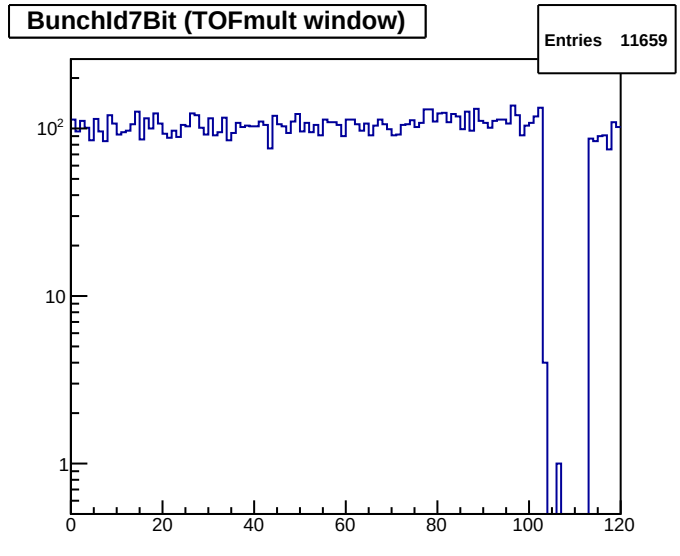

BunchId7Bit (VPD-TAC)
Entries 172163

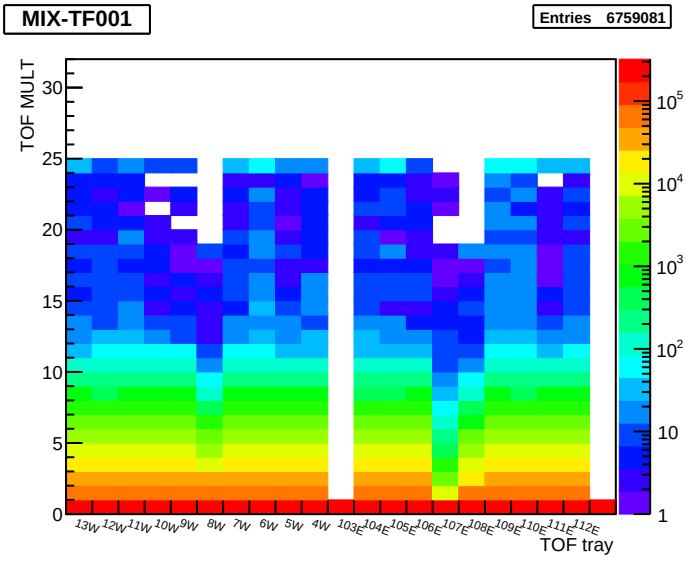

BunchId7Bit (ZDC-TAC)
Entries 731

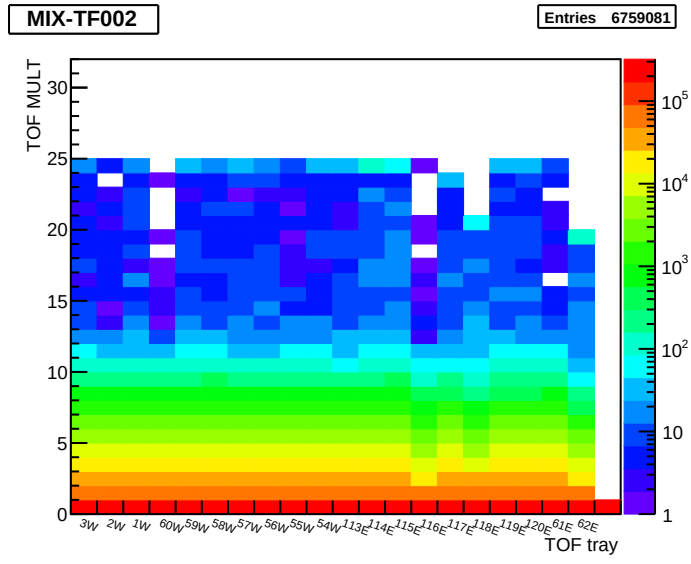

BunchId7Bit (EPD-TAC)
Entries 250885

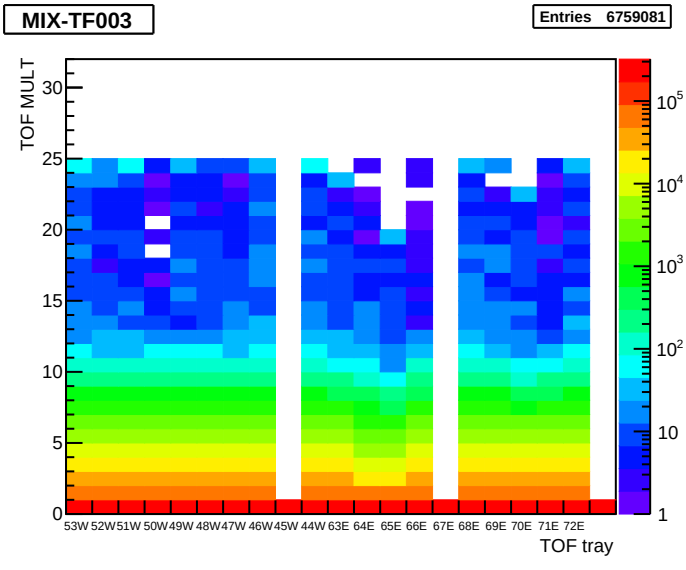

BunchId7Bit (BBC-TAC)
Entries 125372

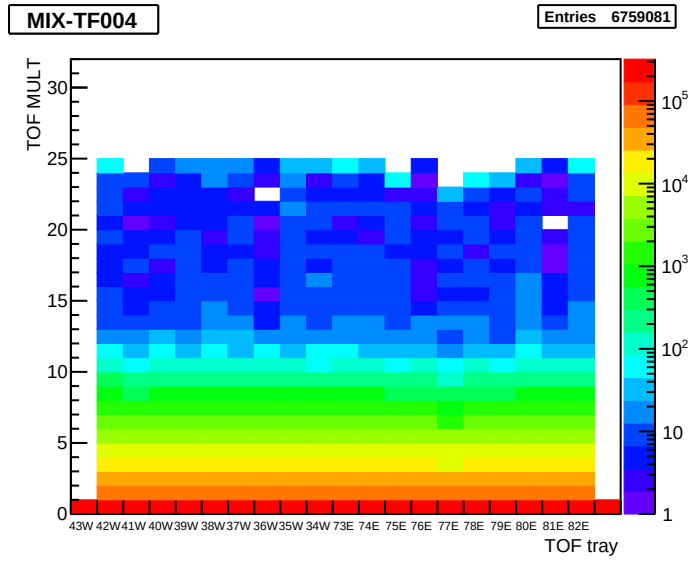

BunchId7Bit (Laser)
Entries 0

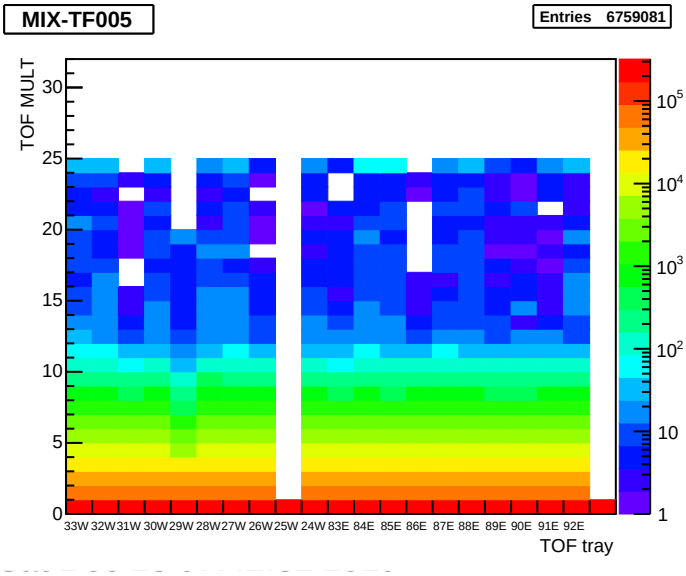

BunchId7Bit (TOFmult window)
Entries 11659

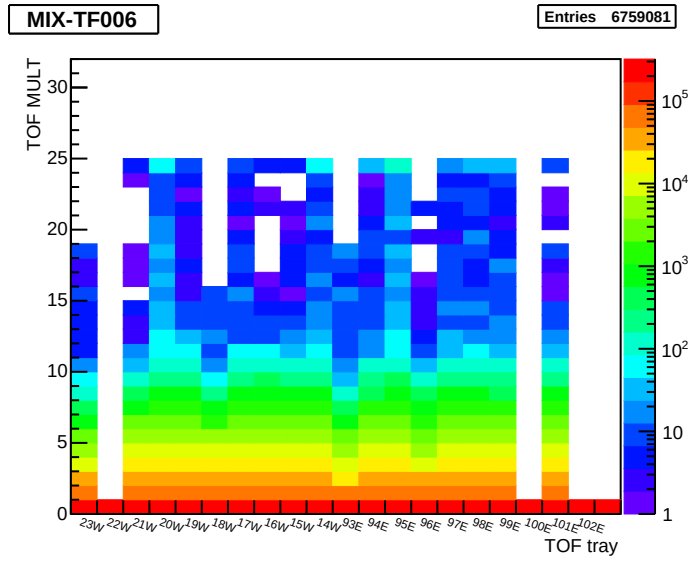

MIX-TF001
Entries 6759081
TOF MULT
TOF tray

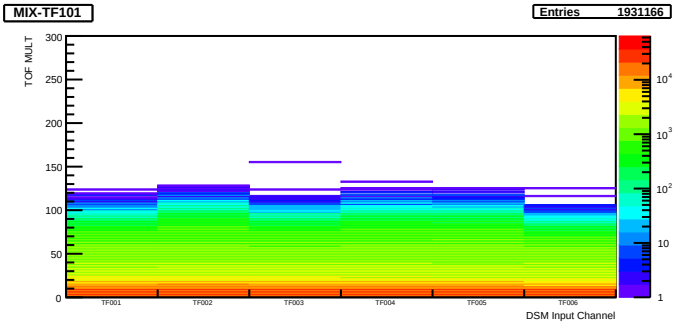

MIX-TF002
Entries 6759081
TOF MULT
TOF tray

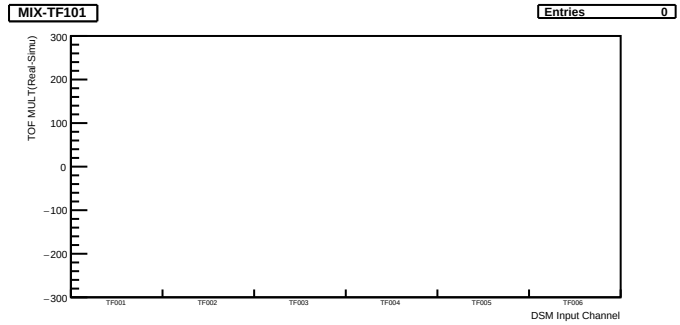

MIX-TF003
Entries 6759081
TOF MULT
TOF tray

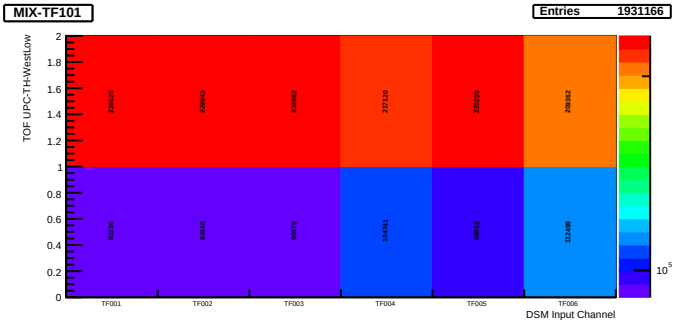

MIX-TF004
Entries 6759081
TOF MULT
TOF tray

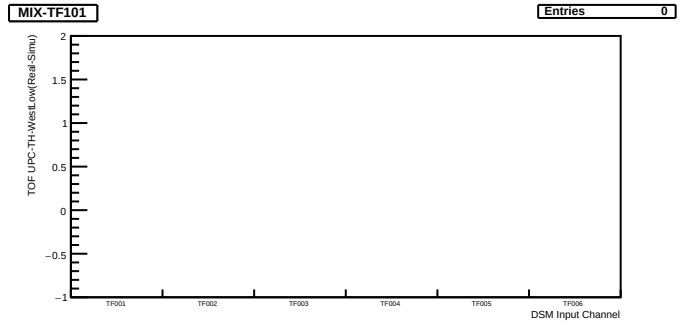

MIX-TF005
Entries 6759081
TOF MULT
TOF tray

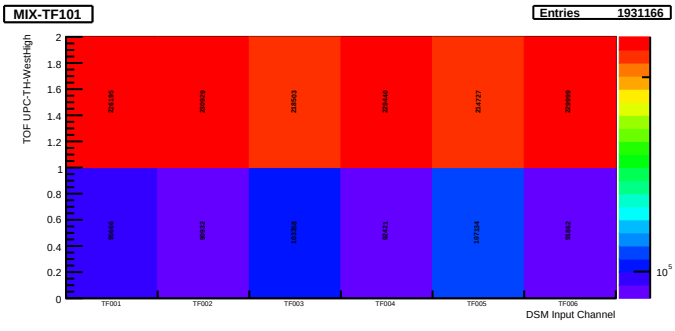

MIX-TF006
Entries 6759081
TOF MULT
TOF tray

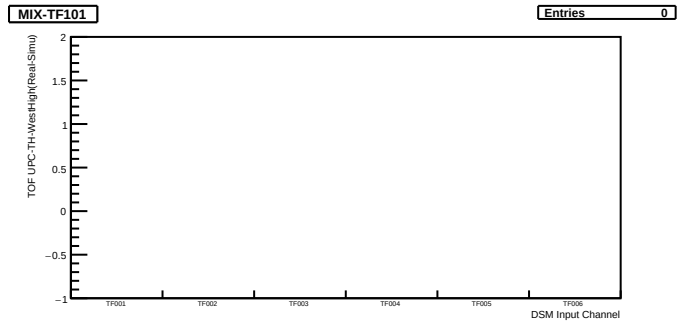

MIX-TF101
Entries 1931166
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

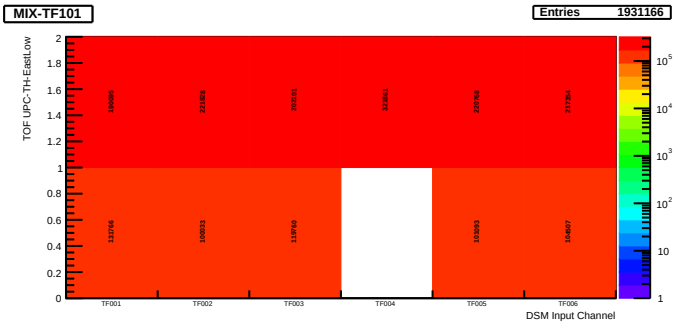

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

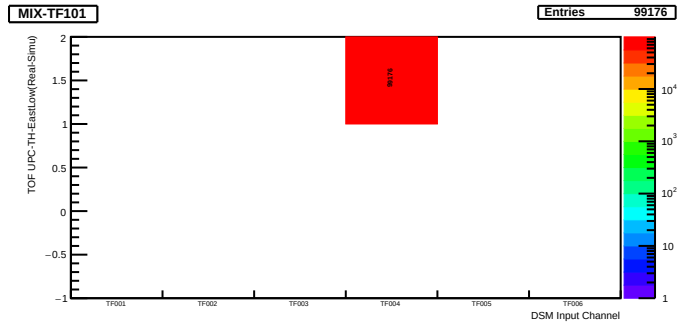

MIX-TF101
Entries 1931166
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

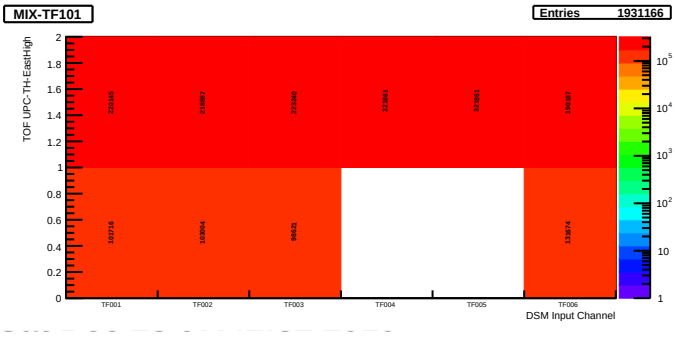

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

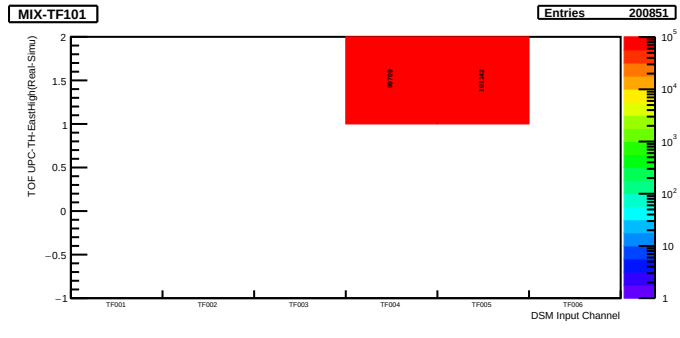

MIX-TF101
Entries 1931166
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

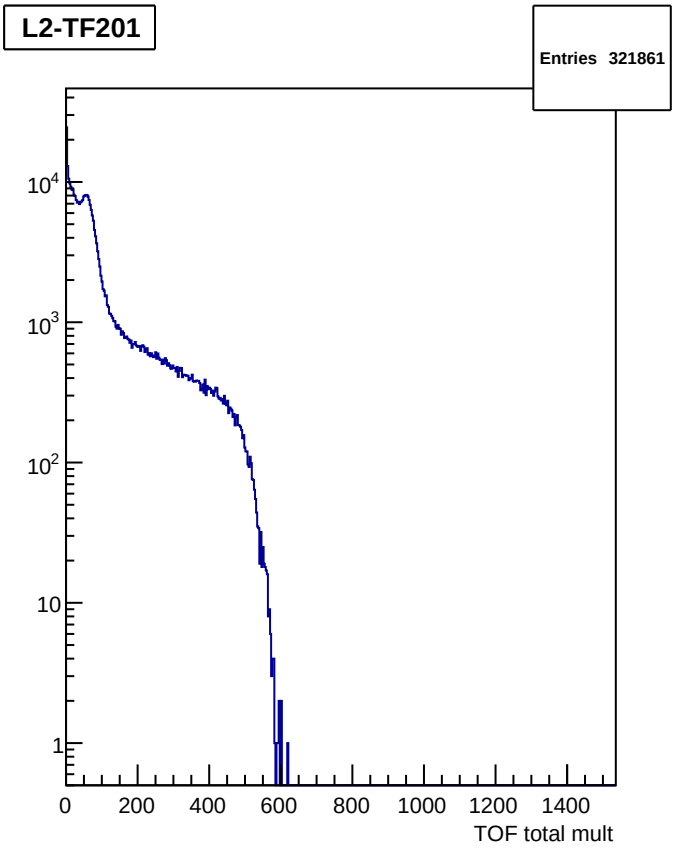

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

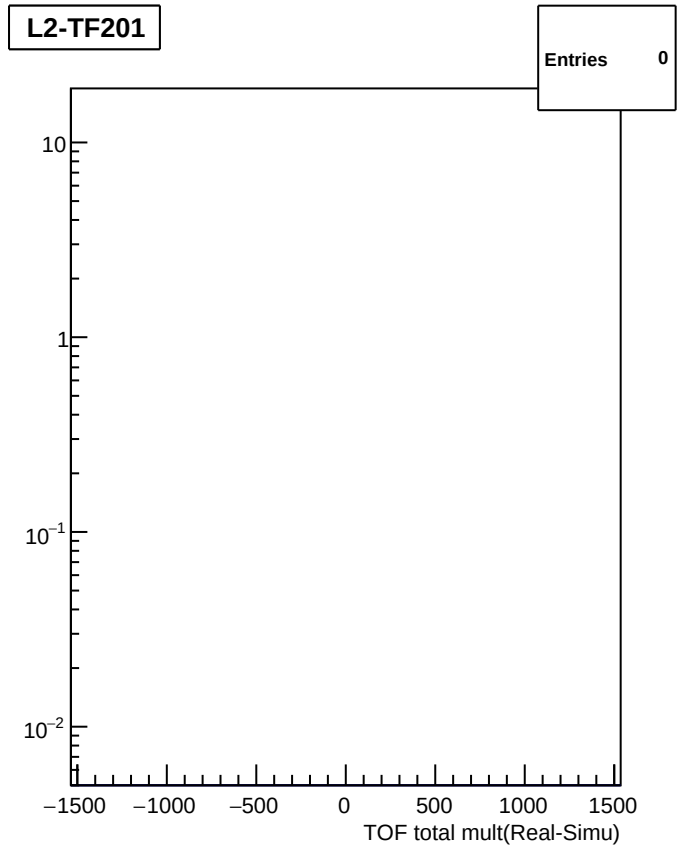

MIX-TF101
Entries 1931166
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

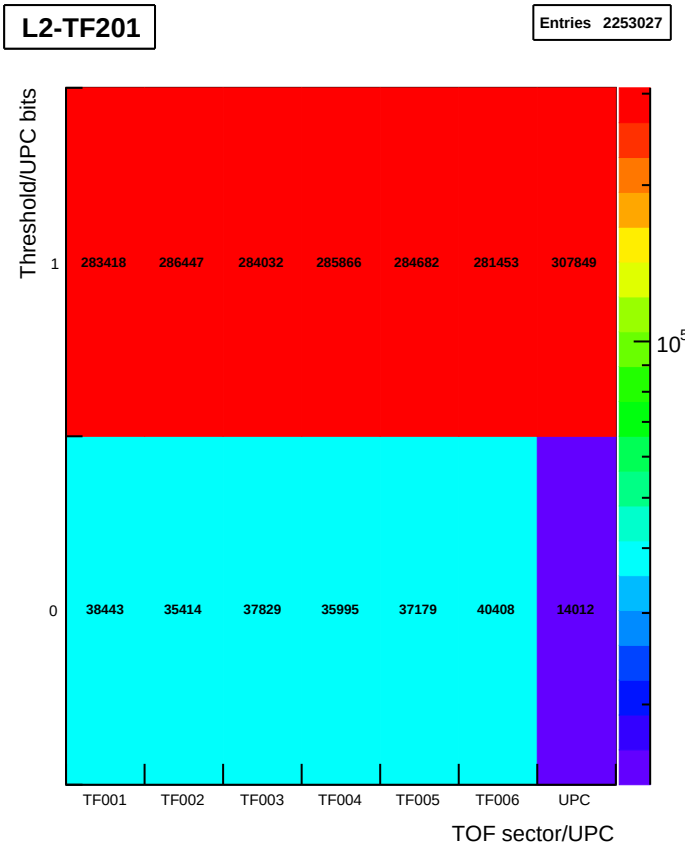

MIX-TF101
Entries 99176
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

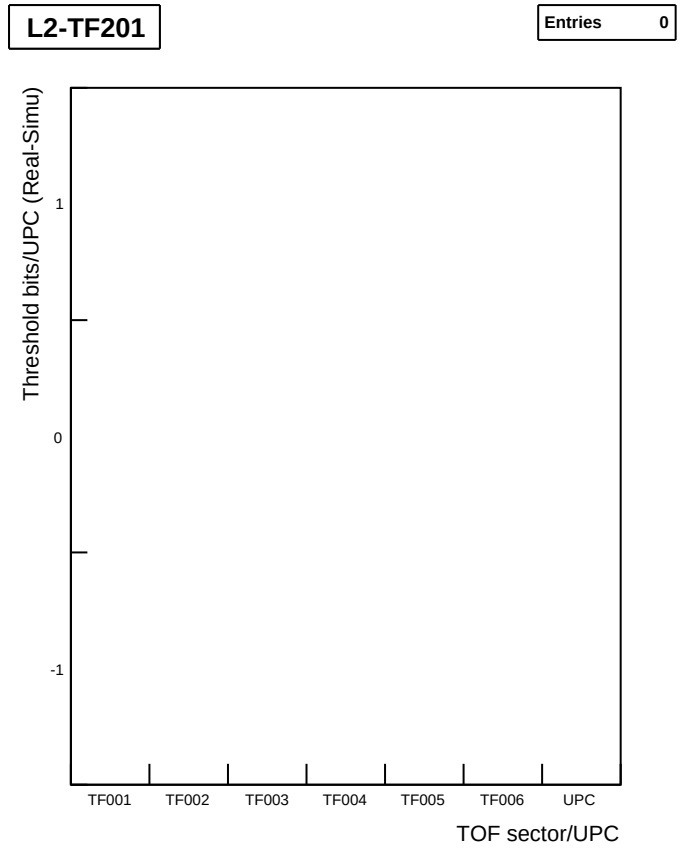

MIX-TF101
Entries 1931166
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

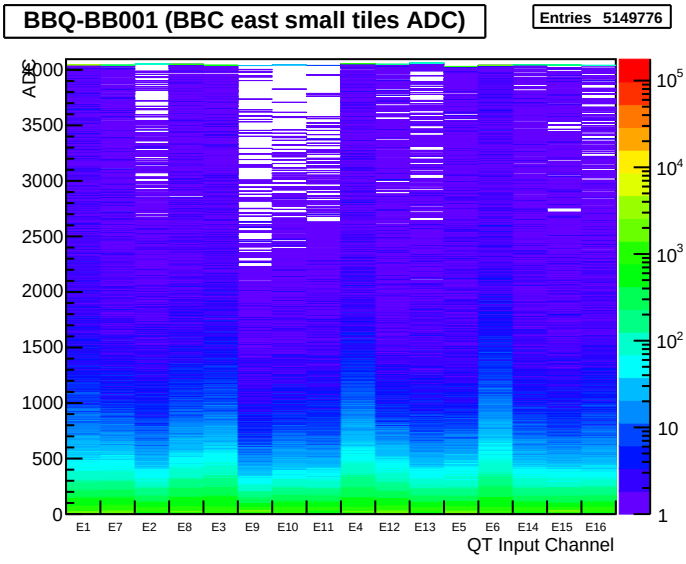

MIX-TF101
Entries 200851
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

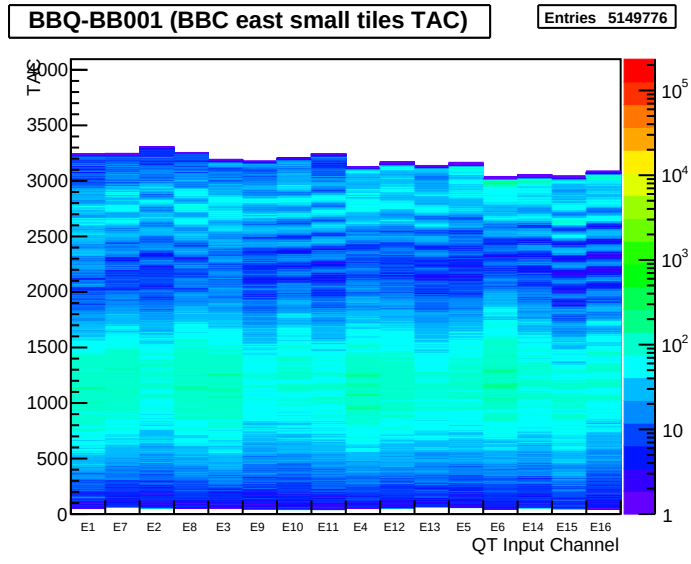

L2-TF201
Entries 321861
TOF total mult

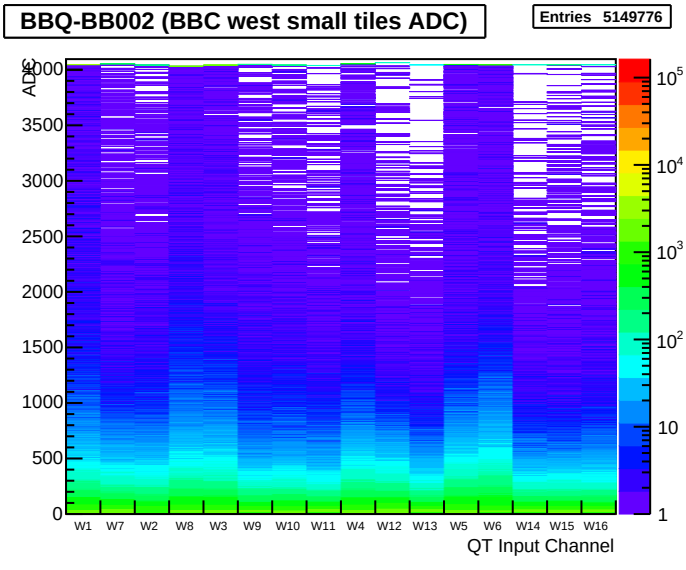

L2-TF201
Entries 0
TOF total mult(Real-Simu)

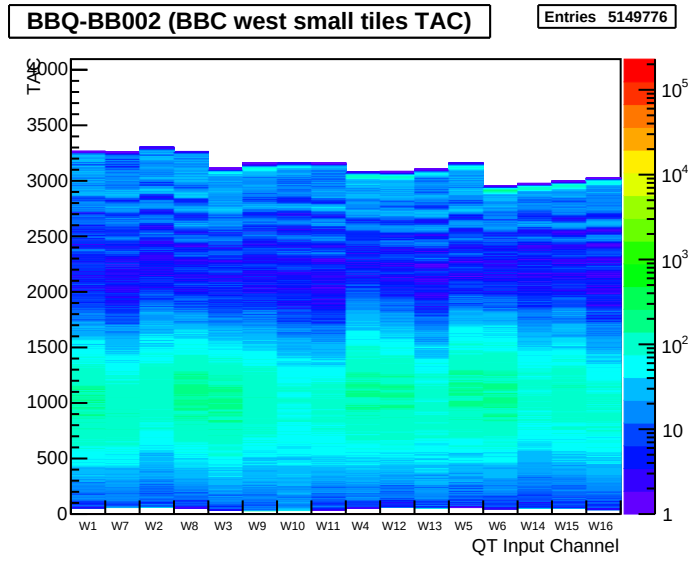

L2-TF201
Entries 2253027
Threshold/UPC bits
283418 286447 284032 285866 284682 281453 307849
38443 35414 37829 35995 37179 40408 14012
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

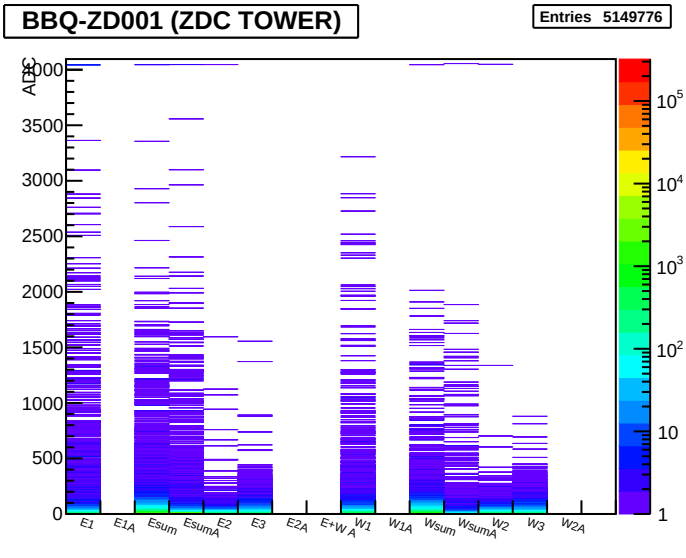

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

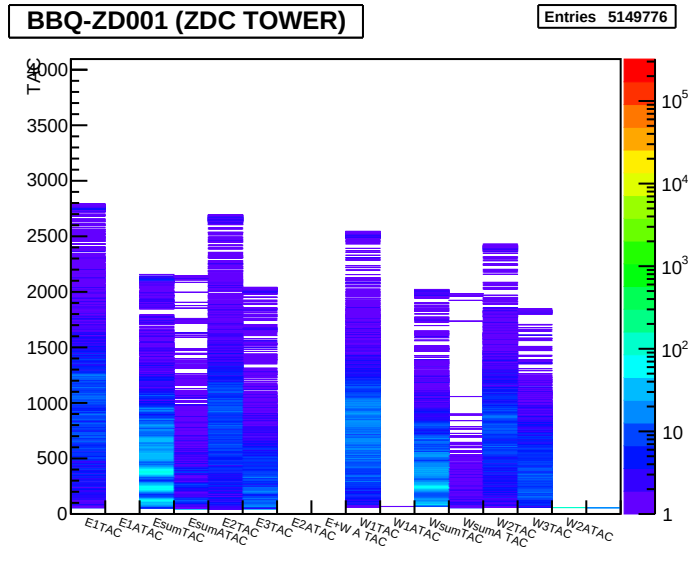

BBQ-BB001 (BBC east small tiles ADC)
Entries 5149776
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

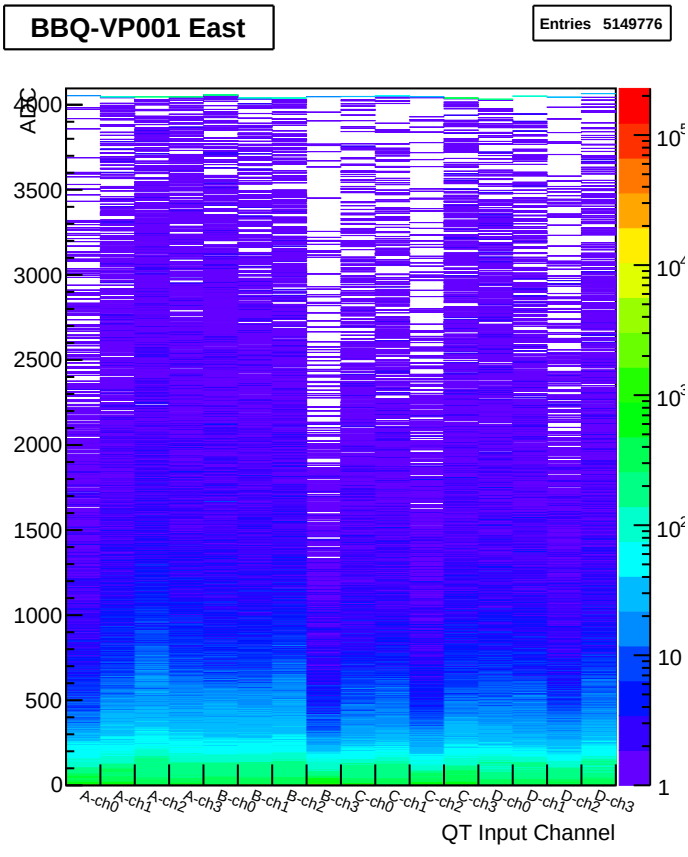

BBQ-BB001 (BBC east small tiles TAC)
Entries 5149776
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

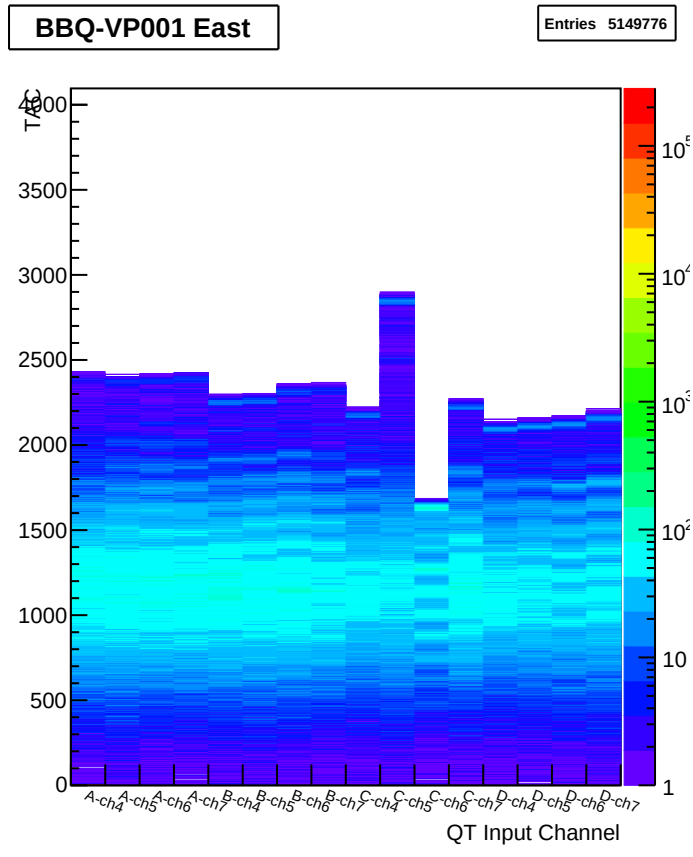

BBQ-BB002 (BBC west small tiles ADC)
Entries 5149776
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

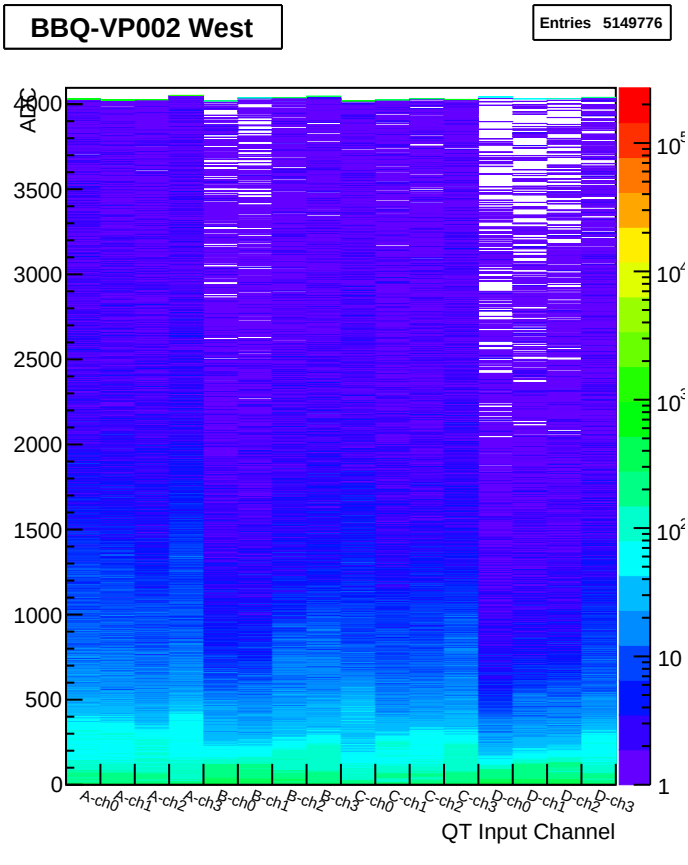

BBQ-BB002 (BBC west small tiles TAC)
Entries 5149776
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

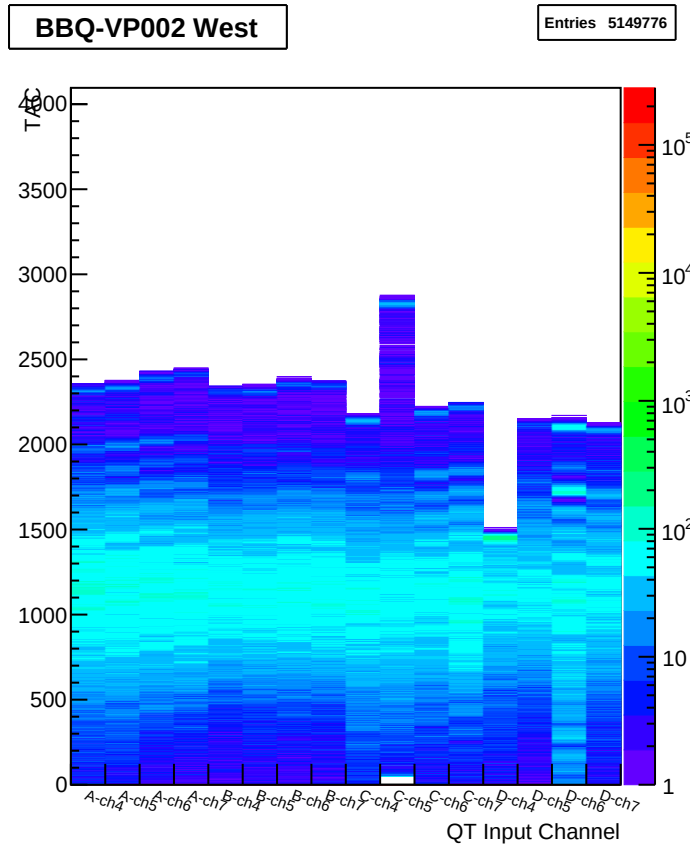

BBQ-ZD001 (ZDC TOWER)
Entries 5149776
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

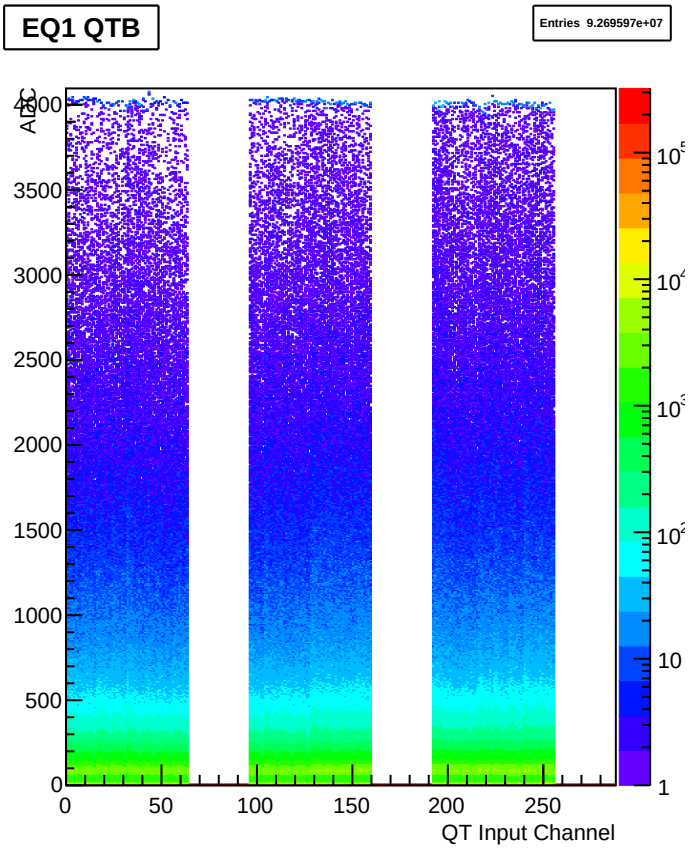

BBQ-ZD001 (ZDC TOWER)
Entries 5149776
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

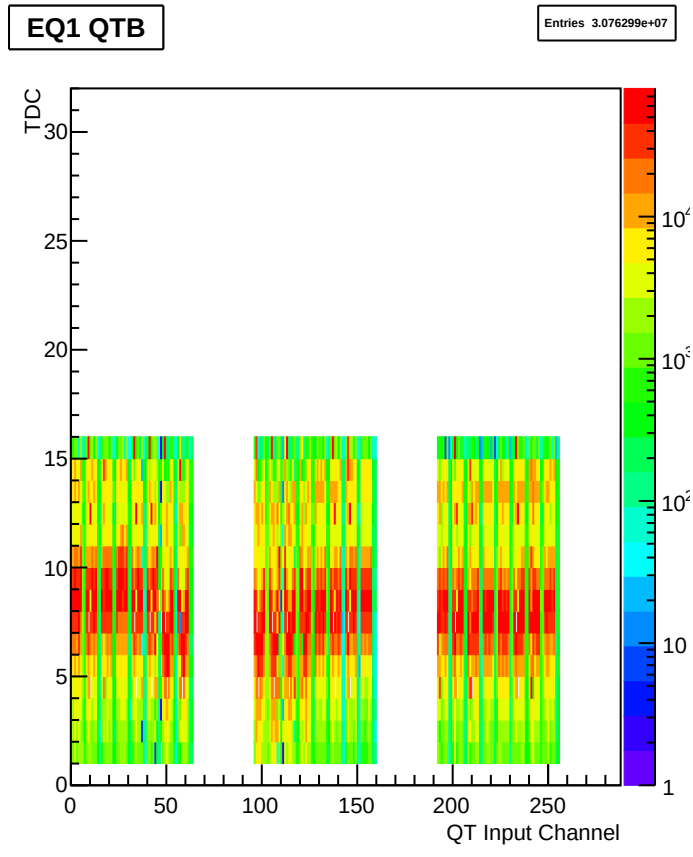

BBQ-VP001 East
Entries 5149776
ADC
QT Input Channel

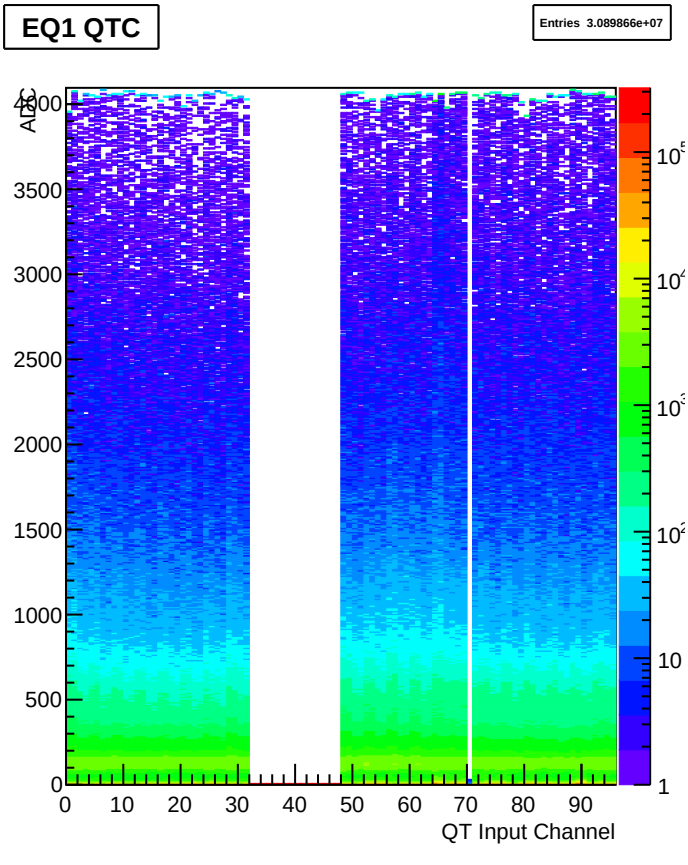

BBQ-VP001 East
Entries 5149776
TADC
QT Input Channel

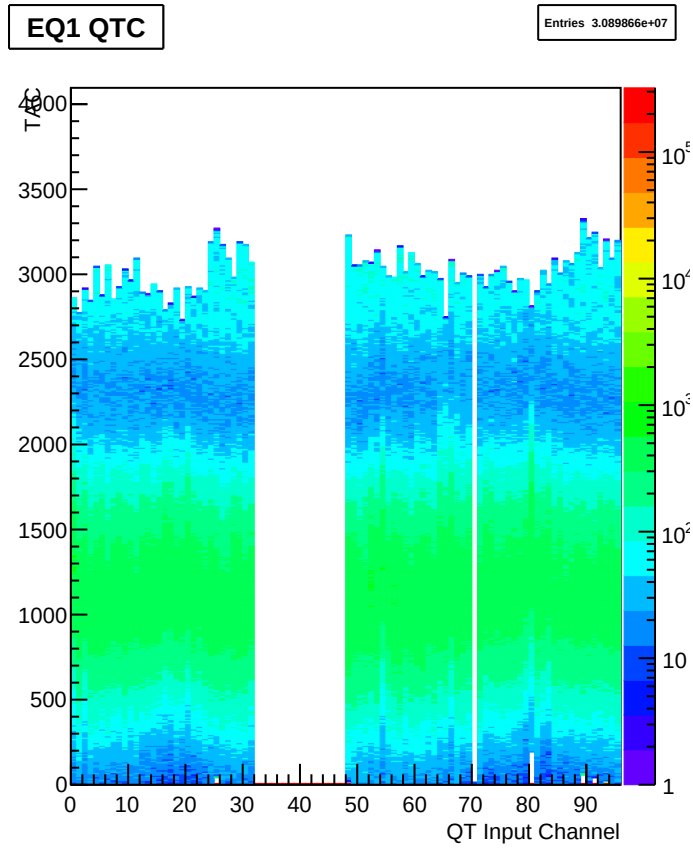

BBQ-VP002 West
Entries 5149776
ADC
QT Input Channel

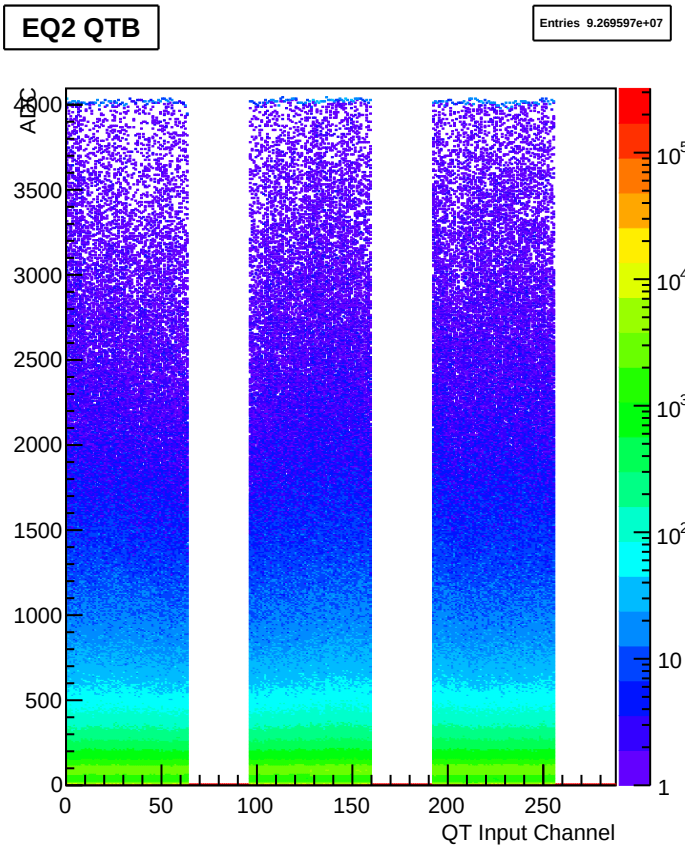

BBQ-VP002 West
Entries 5149776
TADC
QT Input Channel

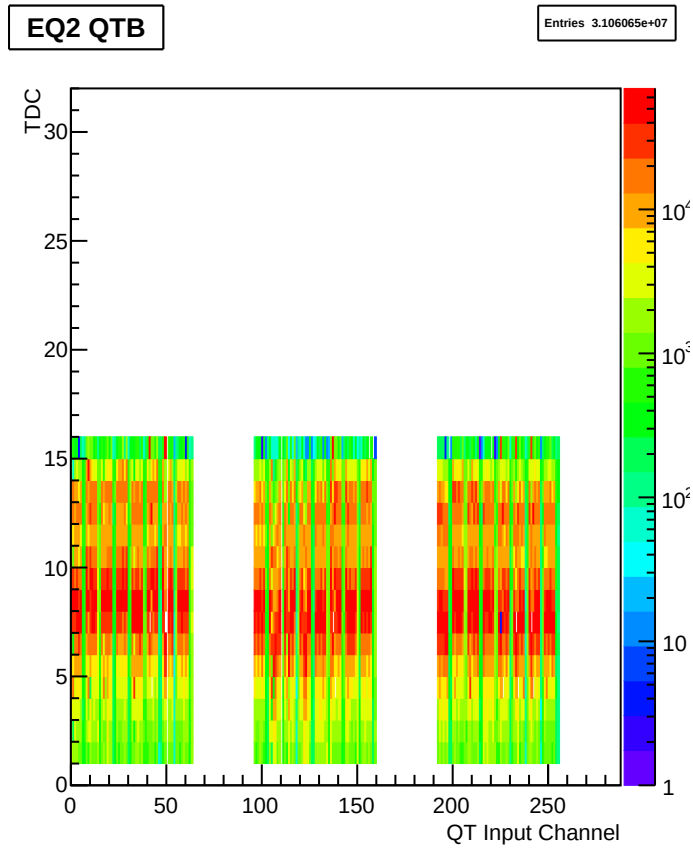

EQ1 QTB
Entries 9.269597e+07
ADC
QT Input Channel

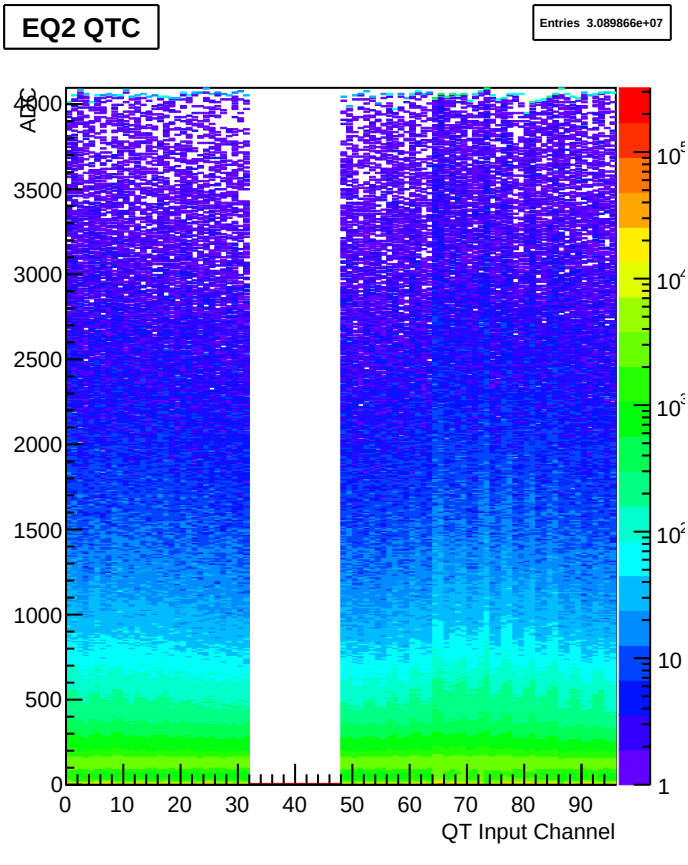

EQ1 QTB
Entries 3.076299e+07
TDC
QT Input Channel

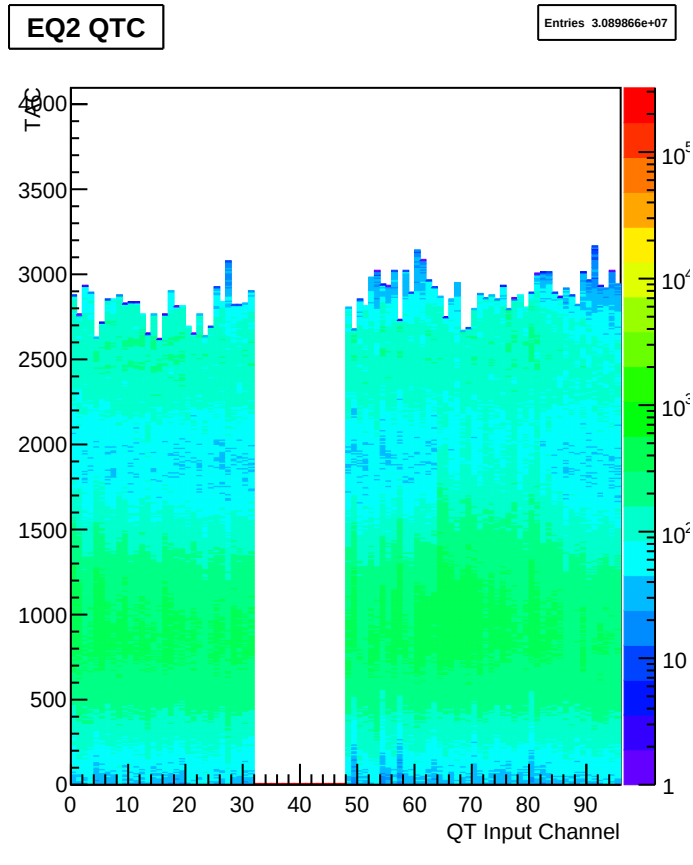

EQ1 QTC
Entries 3.089866e+07
ADC
QT Input Channel

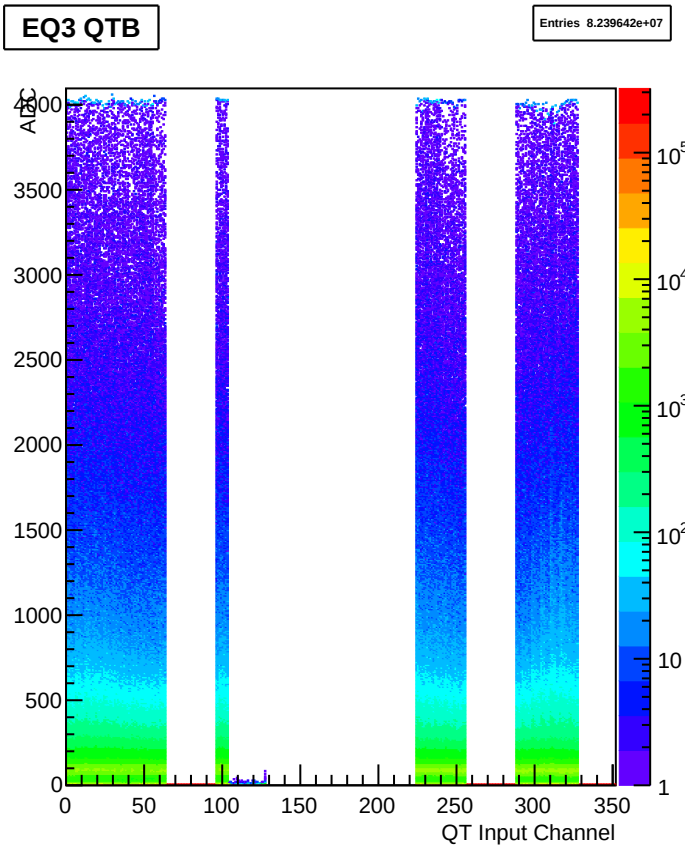

EQ1 QTC
Entries 3.089866e+07
TADC
QT Input Channel

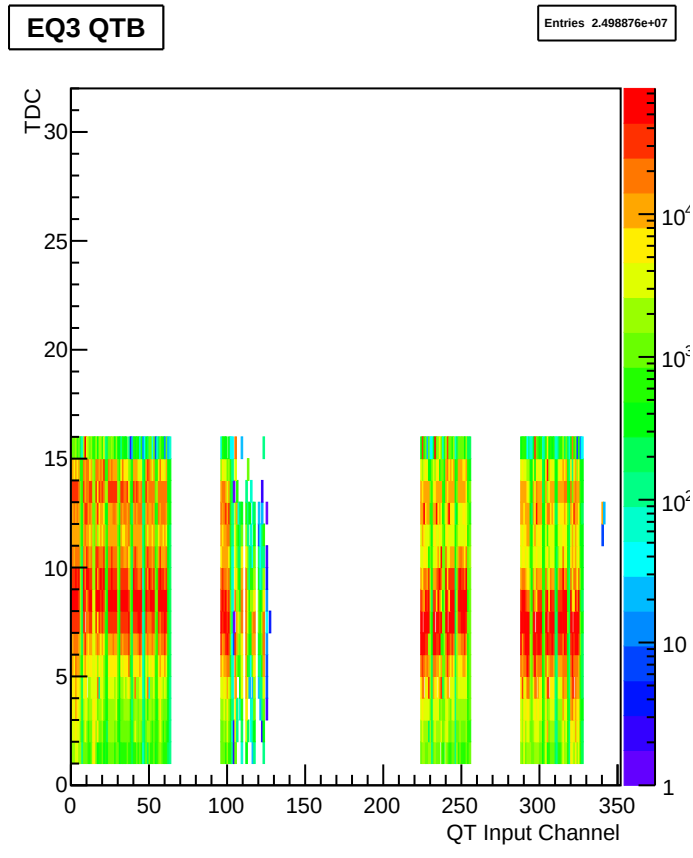

EQ2 QTB
Entries 9.269597e+07
ADC
QT Input Channel

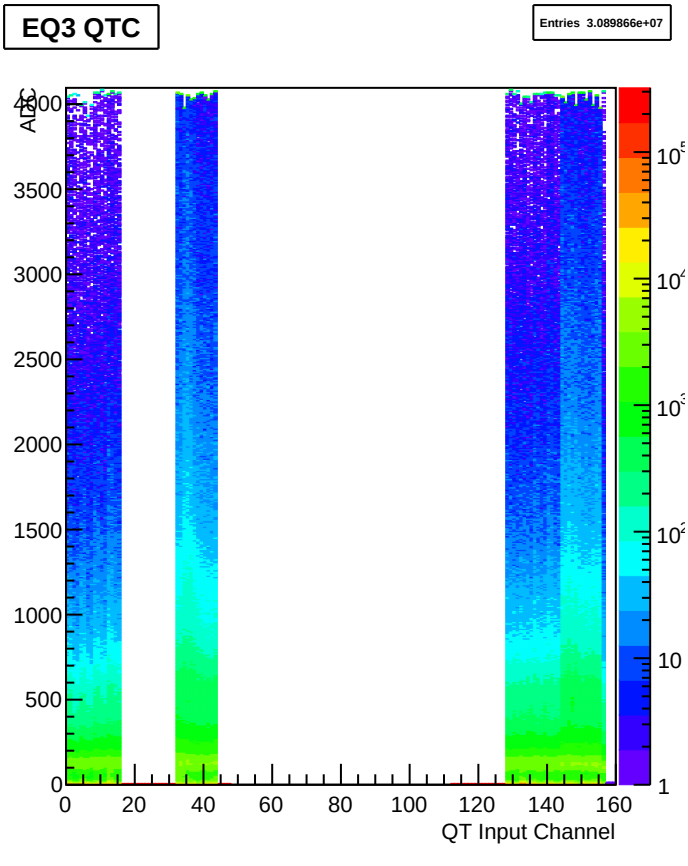

EQ2 QTB
Entries 3.106065e+07
TDC
QT Input Channel

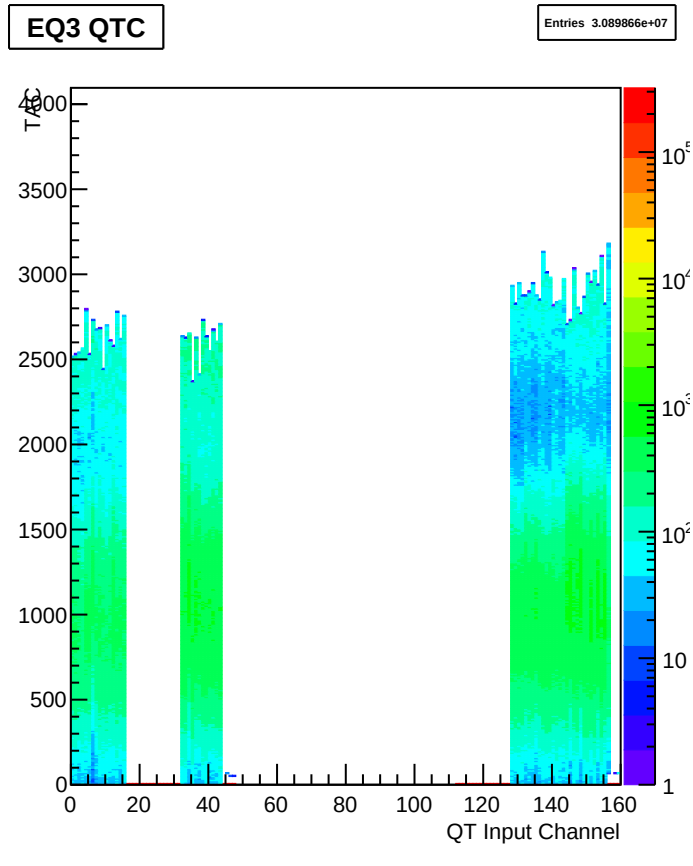

EQ2 QTC
Entries 3.089866e+07
ADC
QT Input Channel

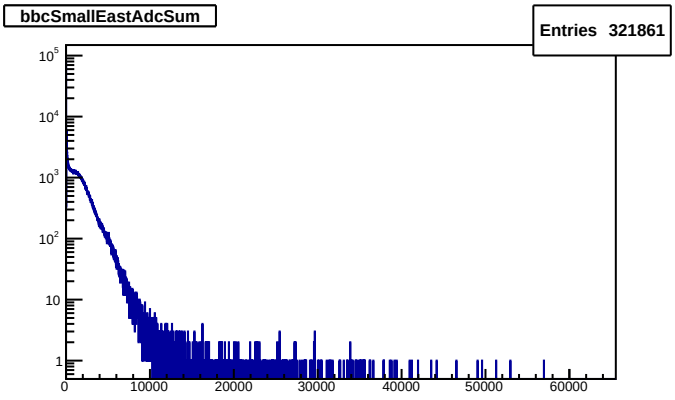

EQ2 QTC
Entries 3.089866e+07
TADC
QT Input Channel

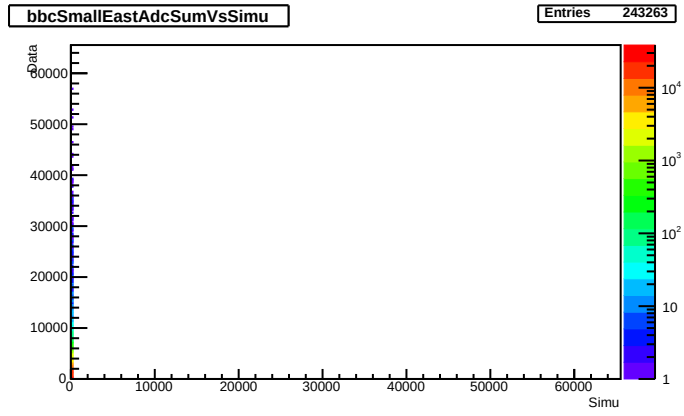

EQ3 QTB
Entries 8.239642e+07
ADC
QT Input Channel

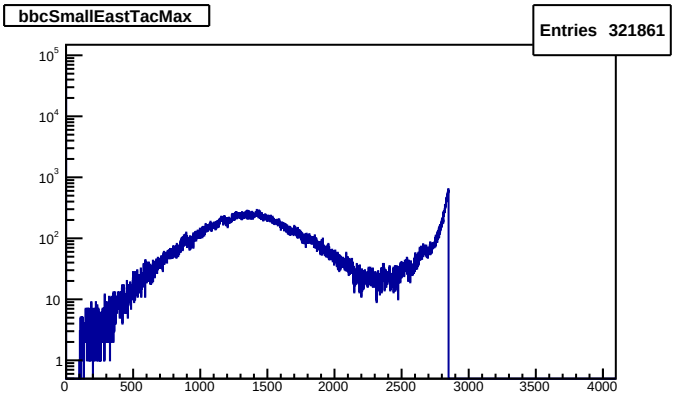

EQ3 QTB
Entries 2.498876e+07
TDC
QT Input Channel

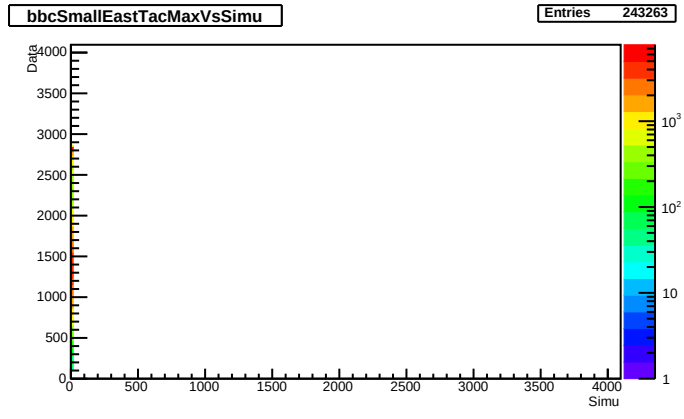

EQ3 QTC
Entries 3.089866e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.089866e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 321861


bbcSmallEastAdcSumVsSimu
Entries 243263
Data
Simu


bbcSmallEastTacMax
Entries 321861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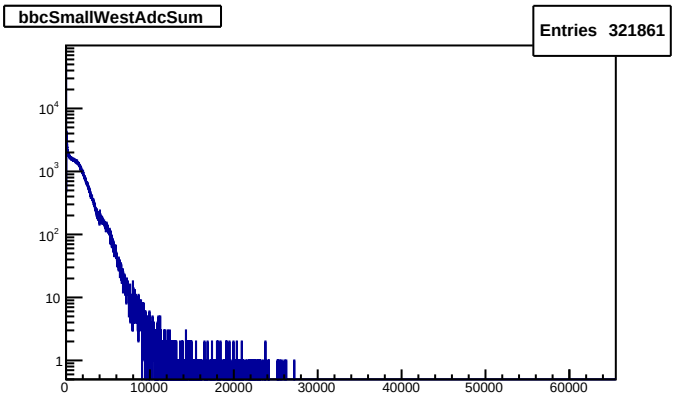
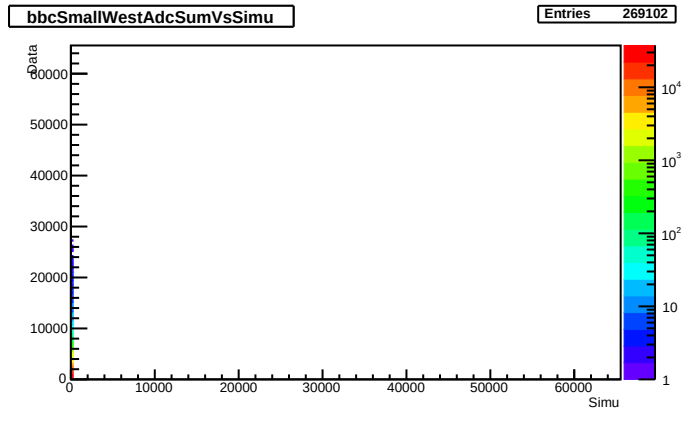
Entries 243263
Data
Simu


bbcSmallWestAdcSum
Entries 321861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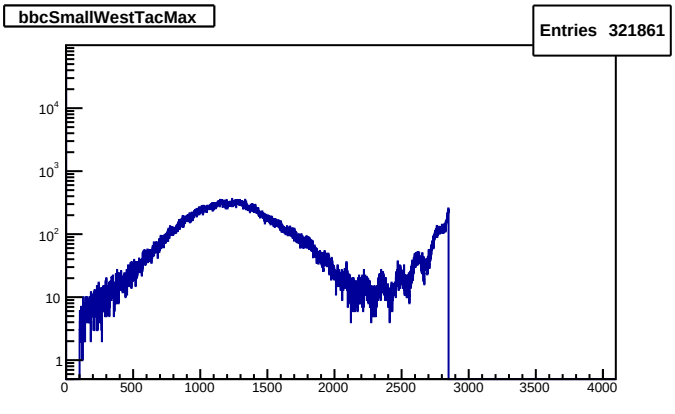
Entries 269102
Data
Simu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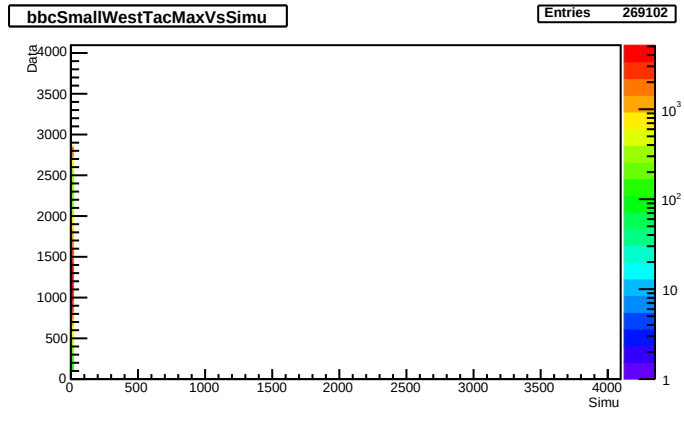
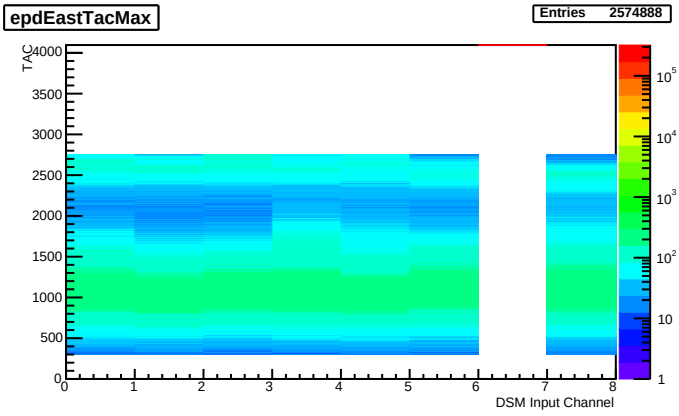
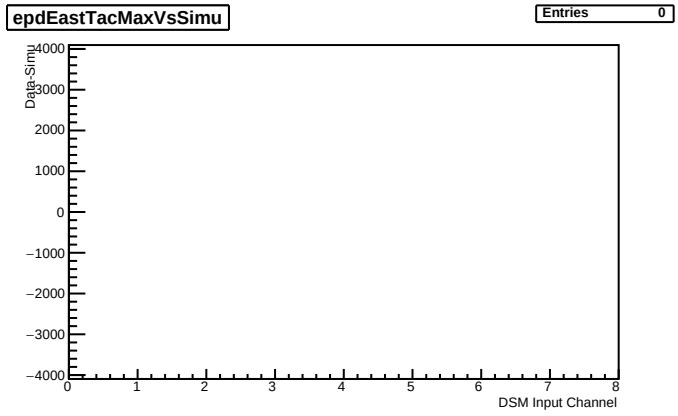
Entries 321861


bbcSmallWestTacMaxVsSimu
Entries 269102
Data
Simu


epdEastTacMax
Entries 2574888
TAC
DSM Input Channel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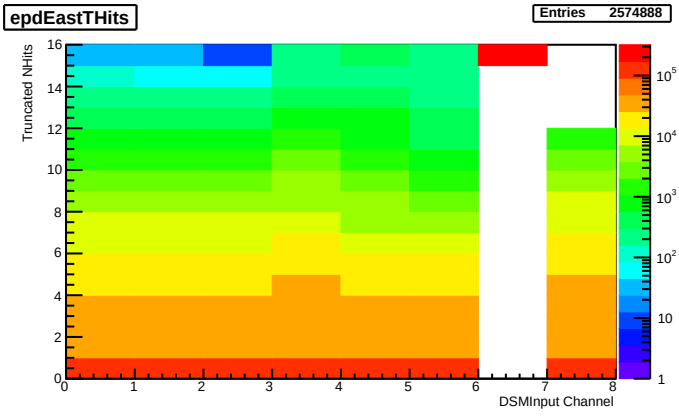
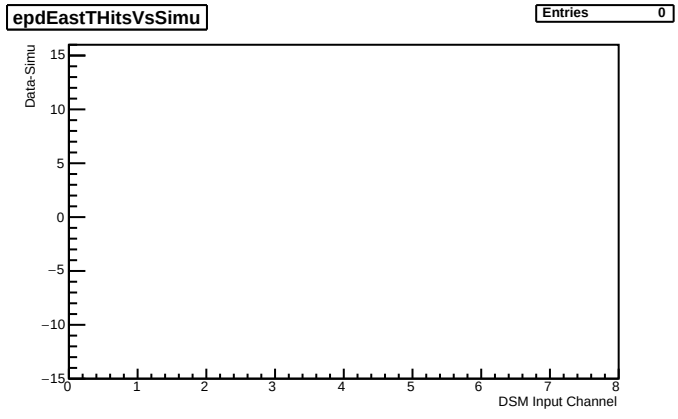
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2574888
Truncated NHits
DSMInput Channel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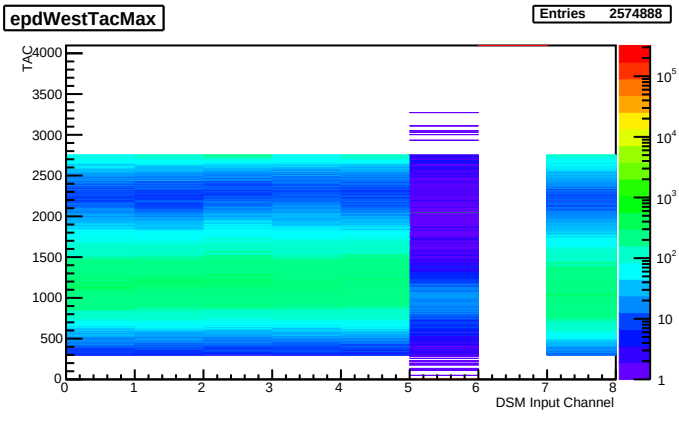
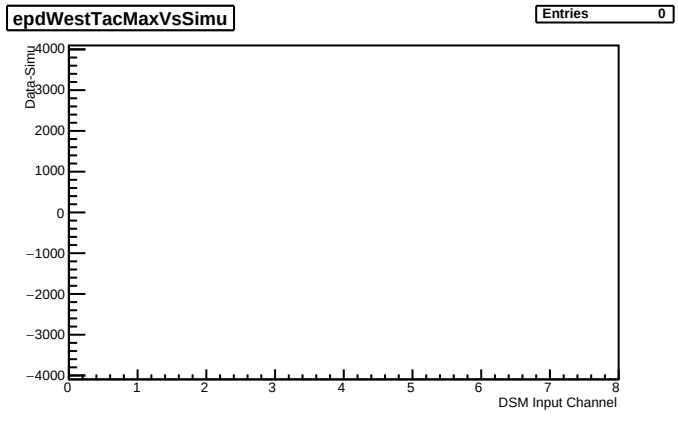
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2574888
TAC
DSM Input Channel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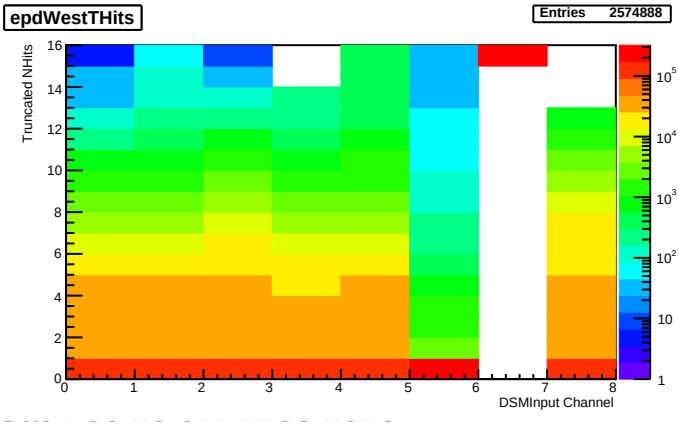
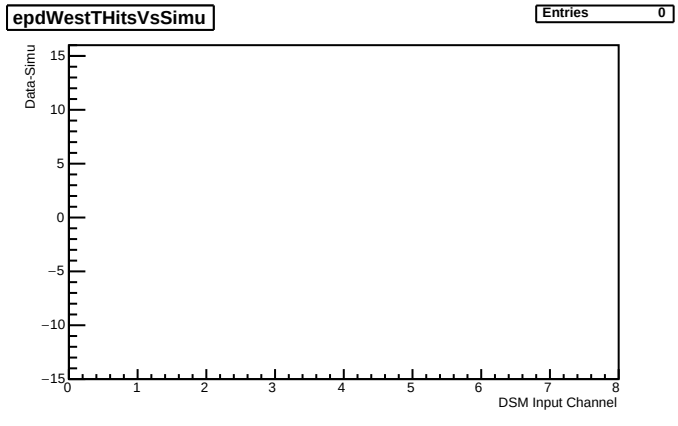
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2574888
Truncated NHits
DSMInput Channel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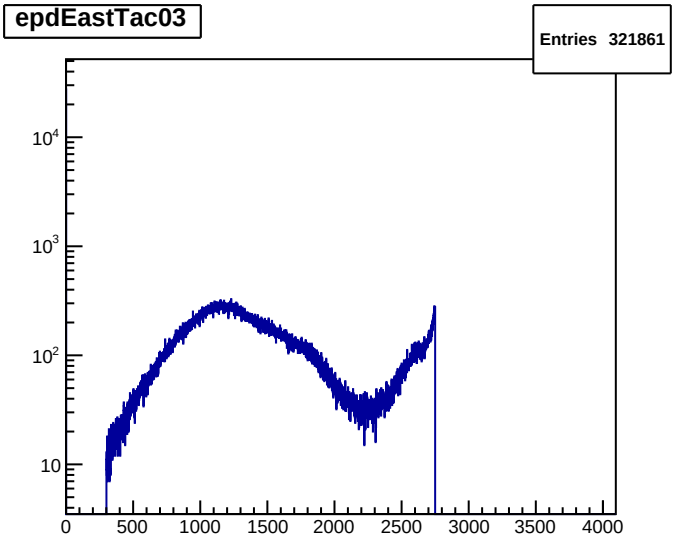
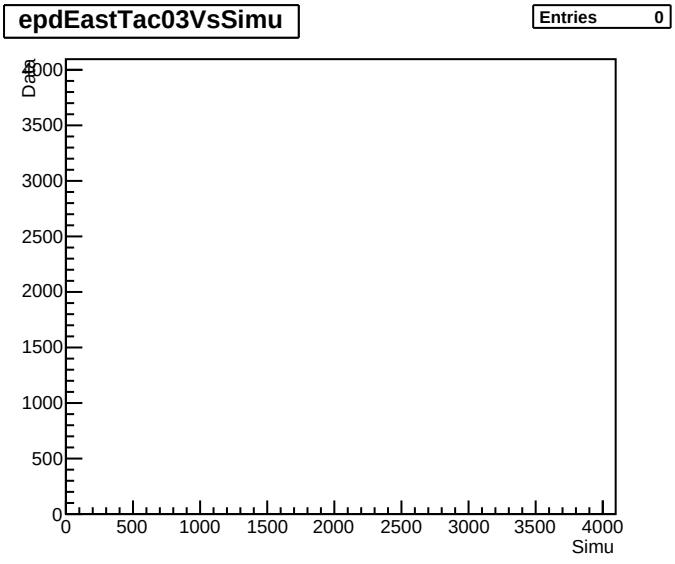
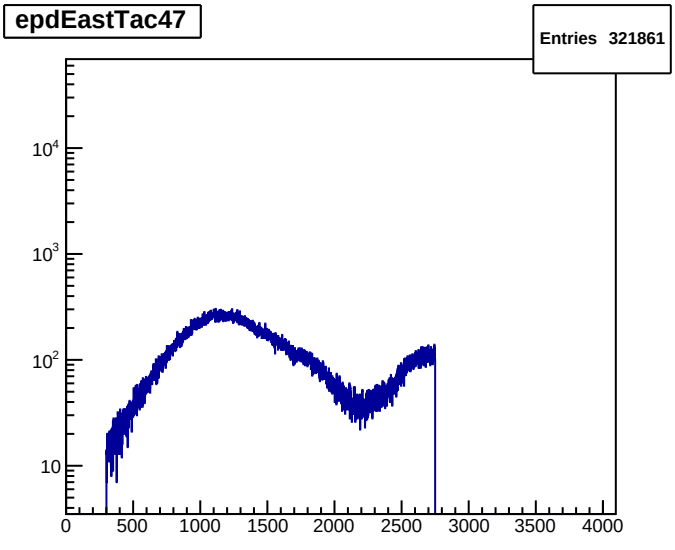
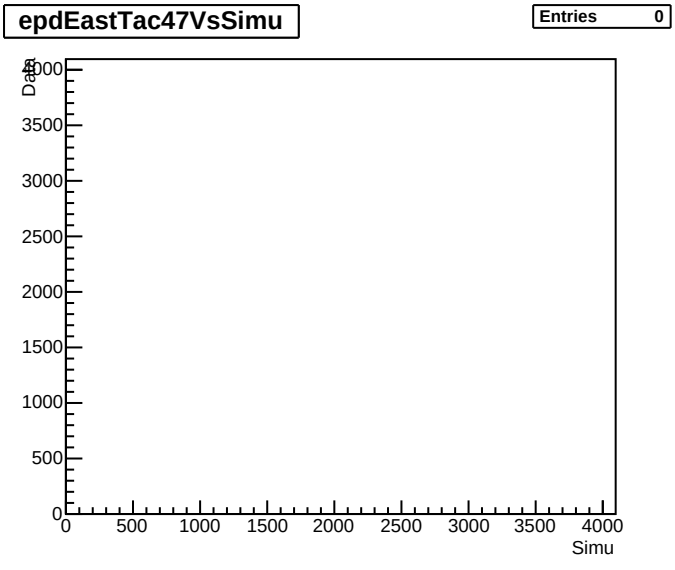
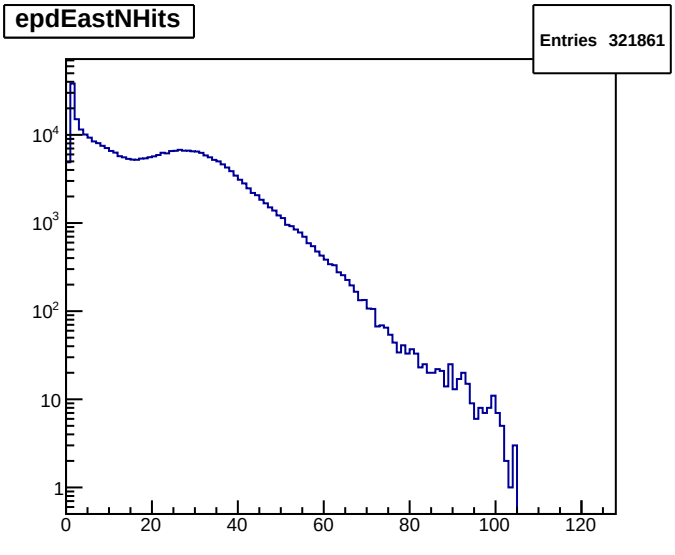
Entries 0
Data-Simu
DSM Input Channel

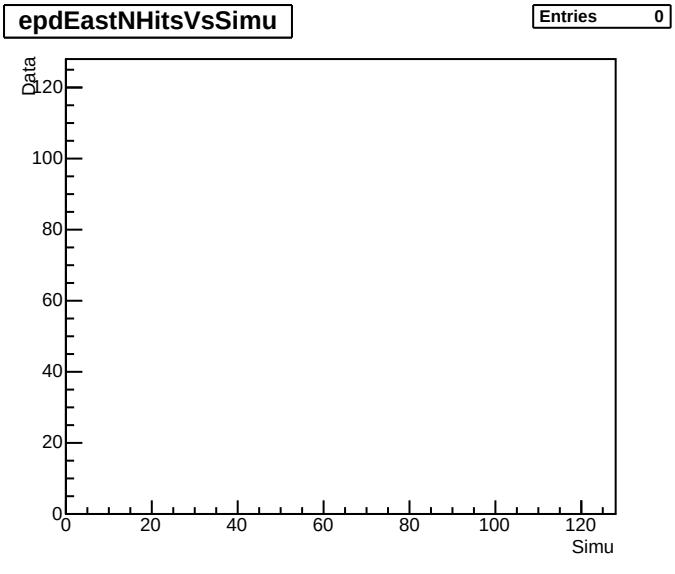

epdEastTac03
Entries 321861


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 321861


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 321861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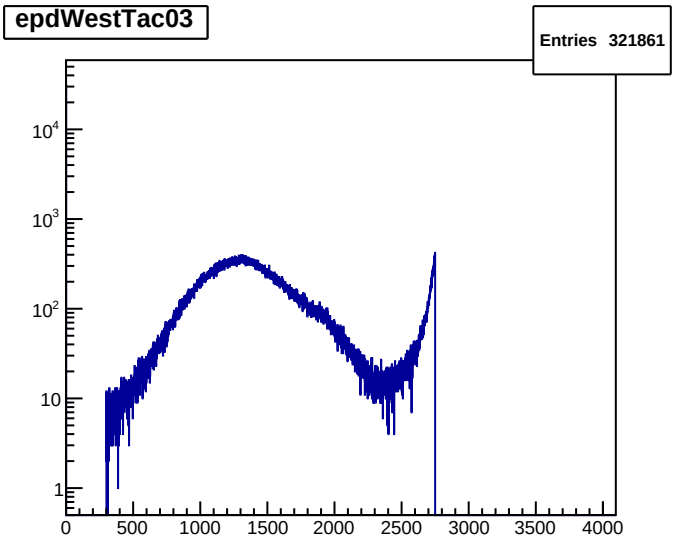
Entries 0
Data
Simu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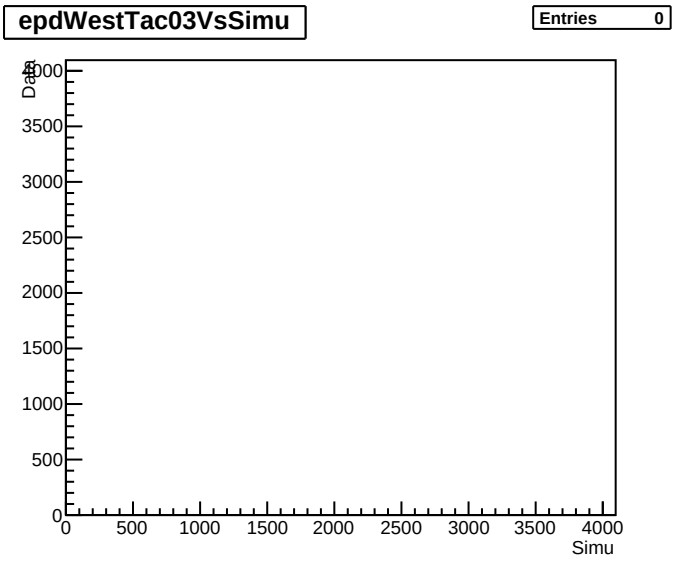
Entries 321861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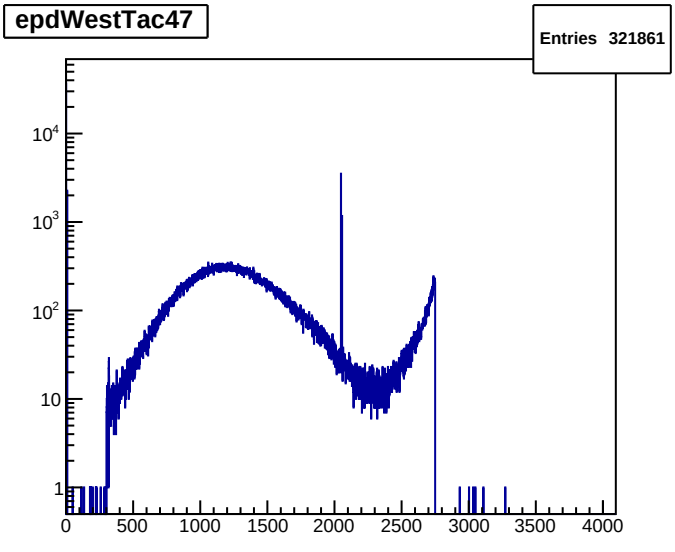
Entries 0
Data
Simu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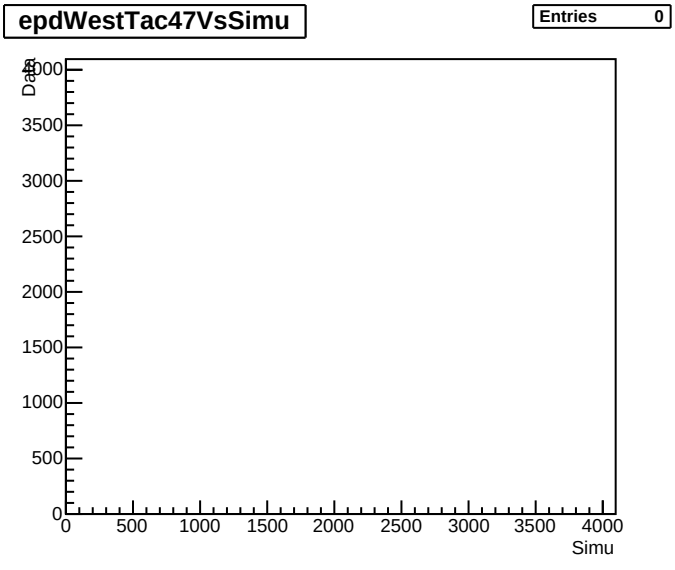
Entries 321861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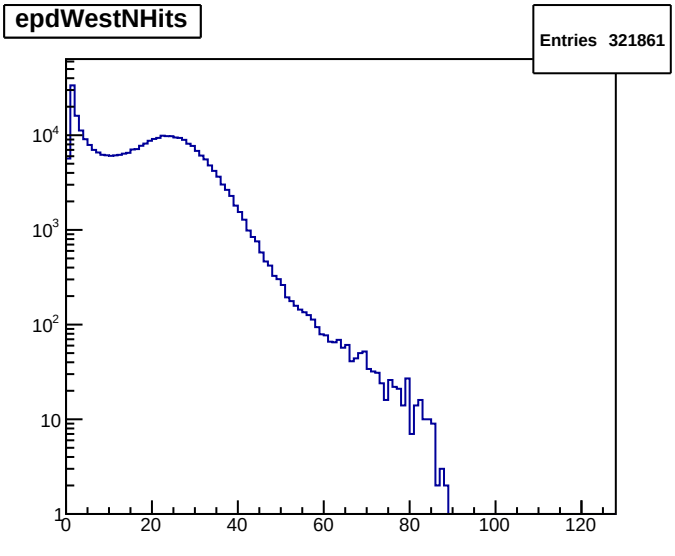
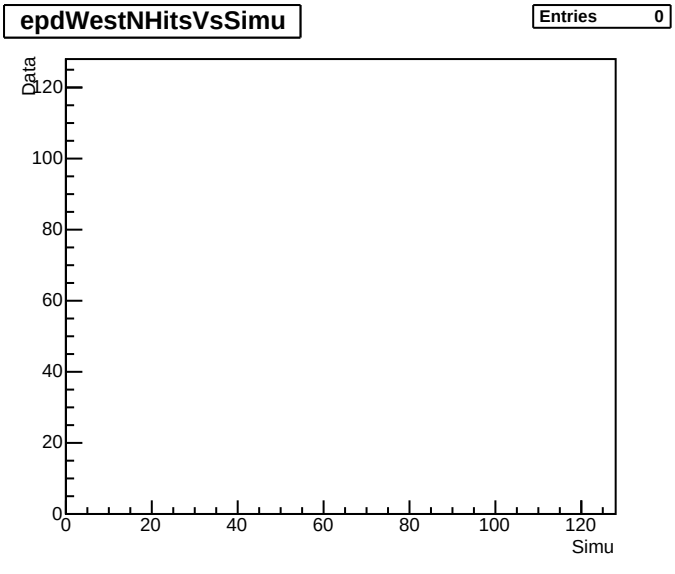
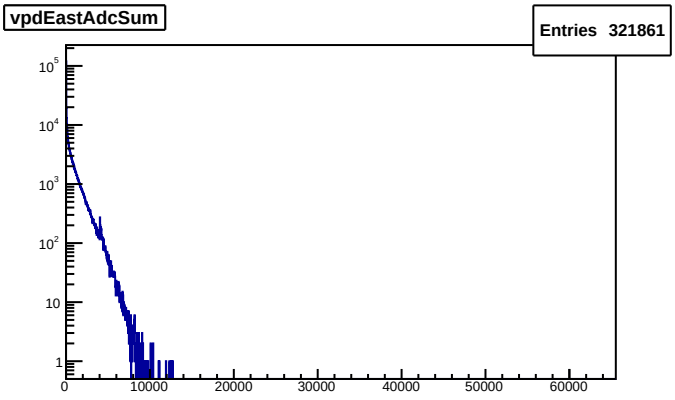
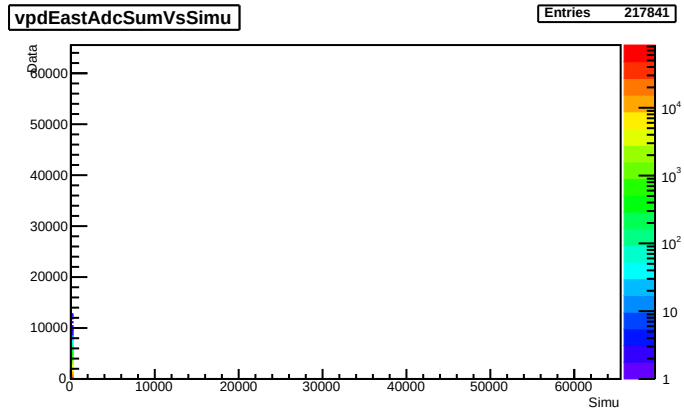
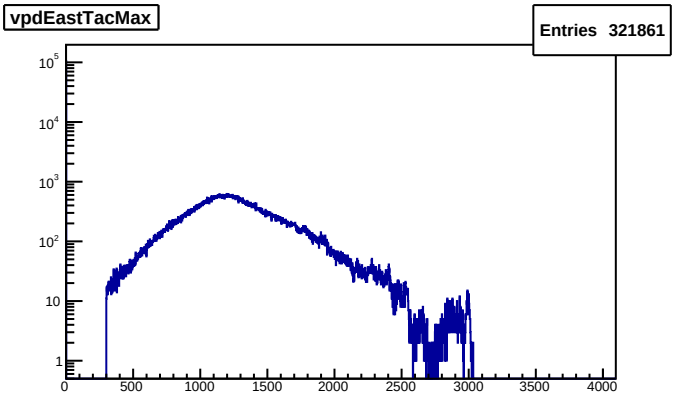
Entries 0
Data
Simu

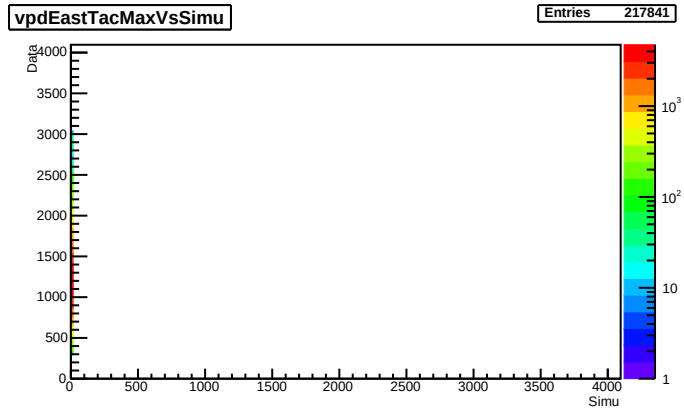

epdWestNHits
Entries 321861

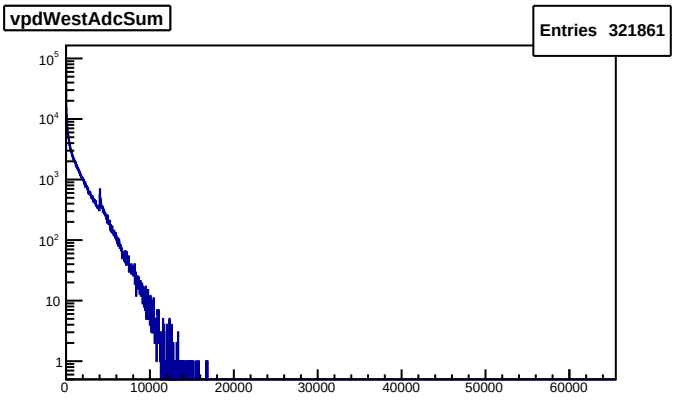

epdWestNHitsVsSimu
Entries 0
Data
Simu

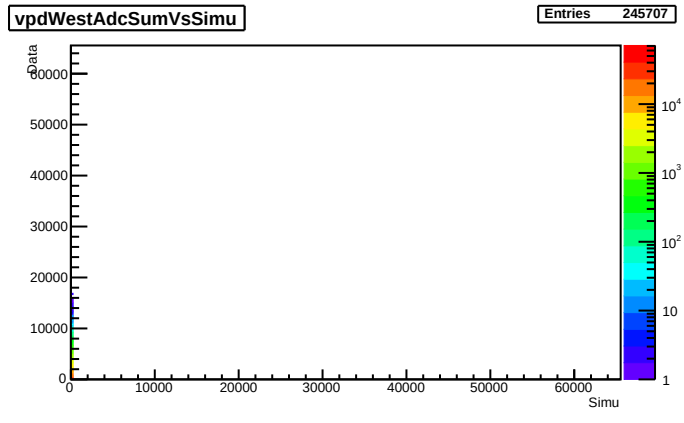

vpdEastAdcSum
Entries 321861


vpdEastAdcSumVsSimu
Entries 217841
Data
Simu


vpdEastTacMax
Entries 321861


vpdEastTacMaxVsSimu
Entries 217841
Data
Simu


vpdWestAdcSum
Entries 321861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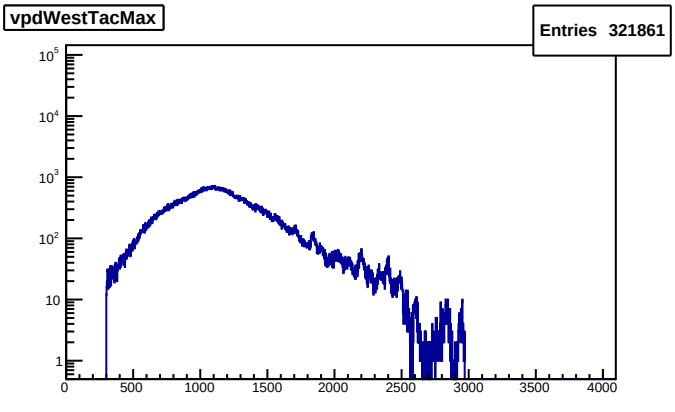
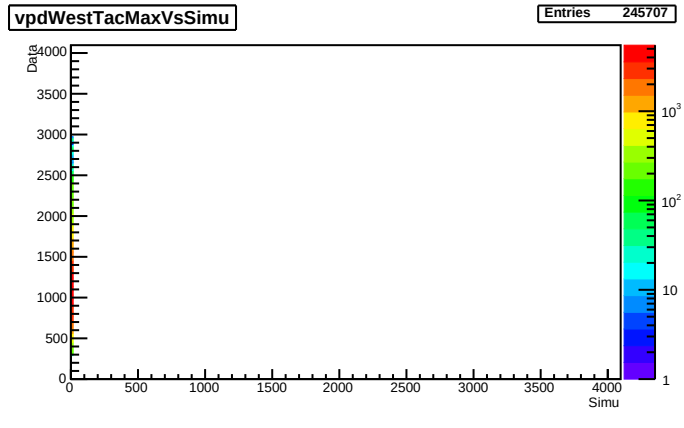
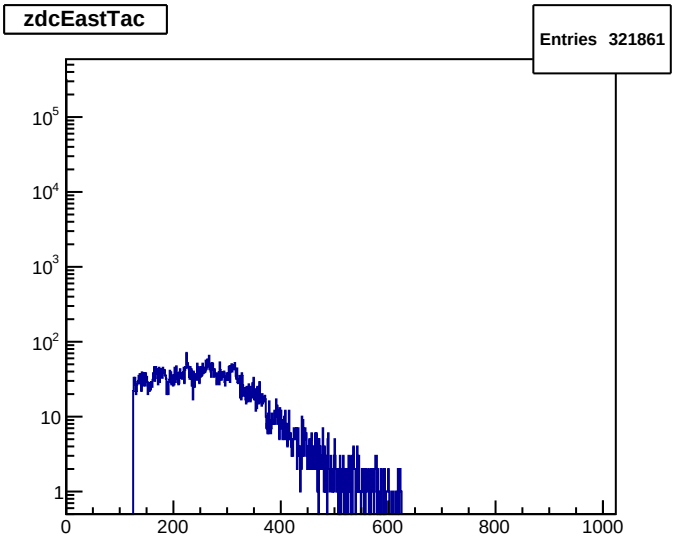
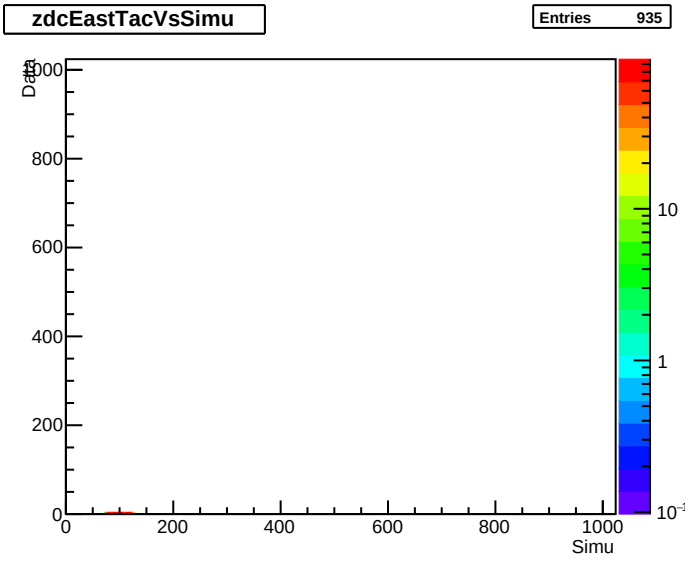
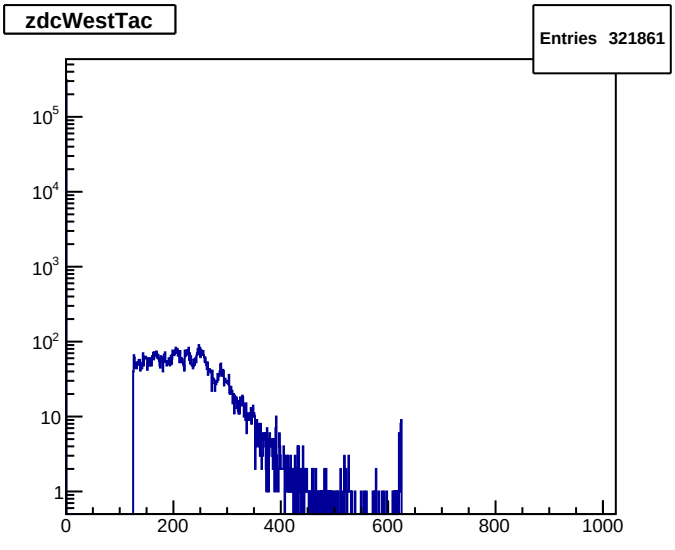
Entries 245707
Data
Simu

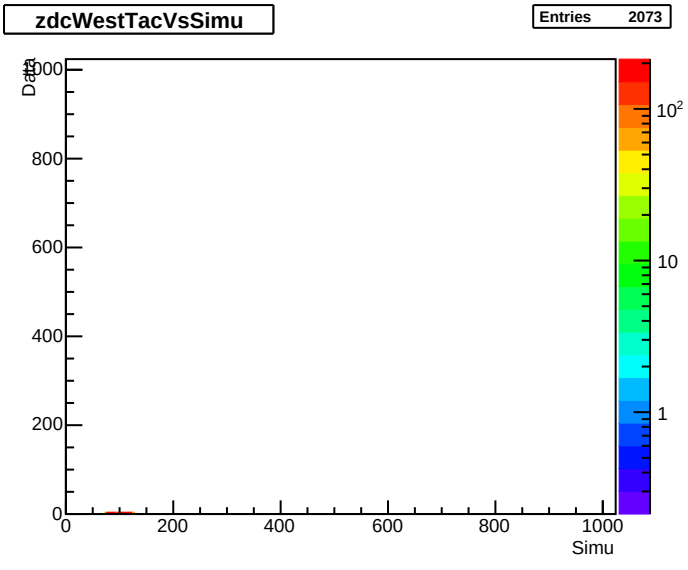

vpdWestTacMax
Entries 321861

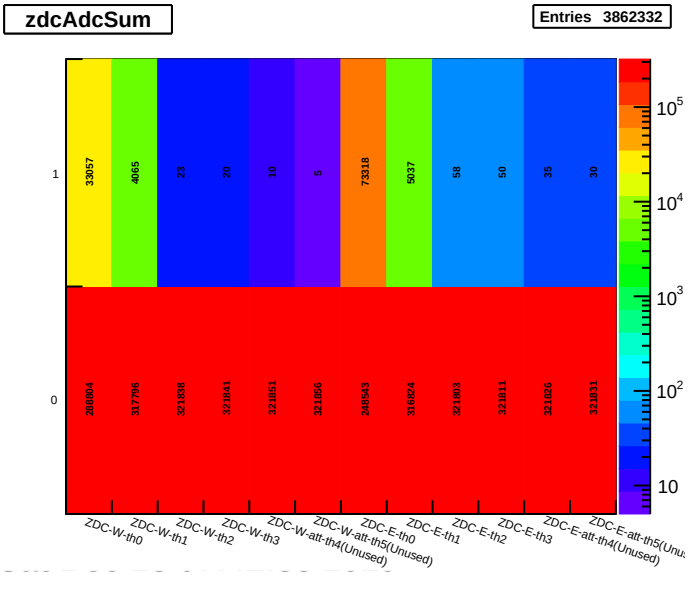

vpdWestTacMaxVsSimu
Entries 245707
Data
Simu

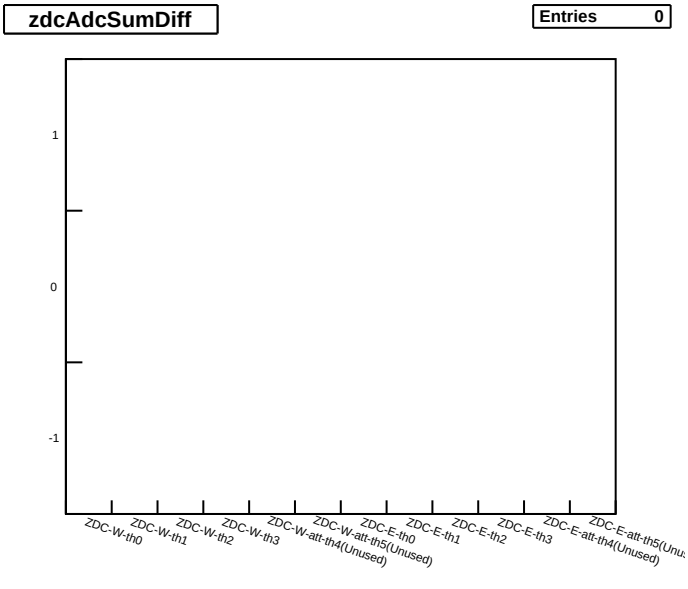

zdcEastTac
Entries 321861

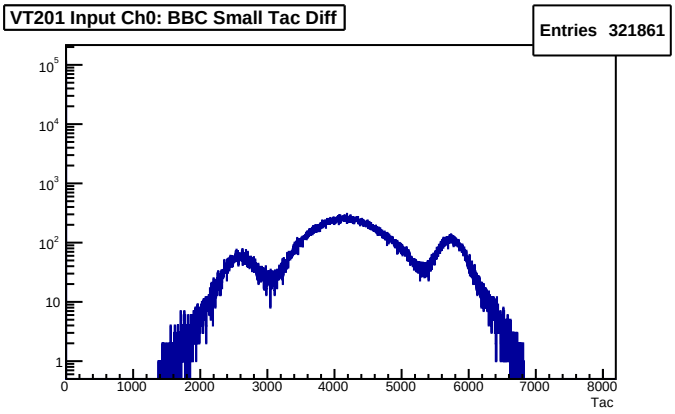

zdcEastTacVsSimu
Entries 935
Data
Simu

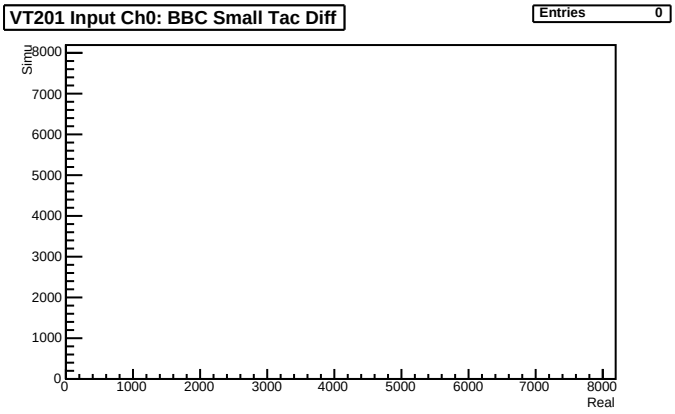

zdcWestTac
Entries 321861

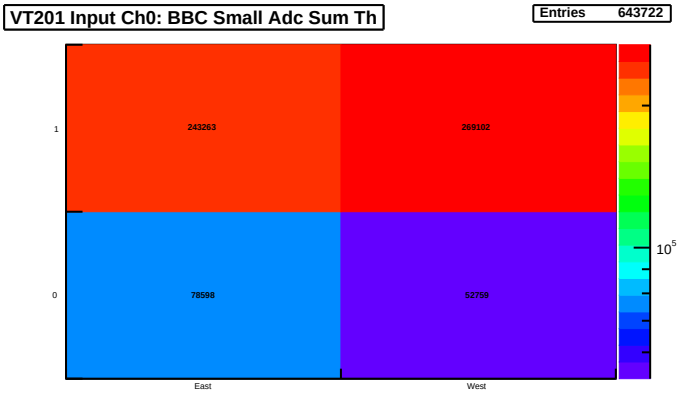

zdcWestTacVsSimu
Entries 2073
Data
Simu

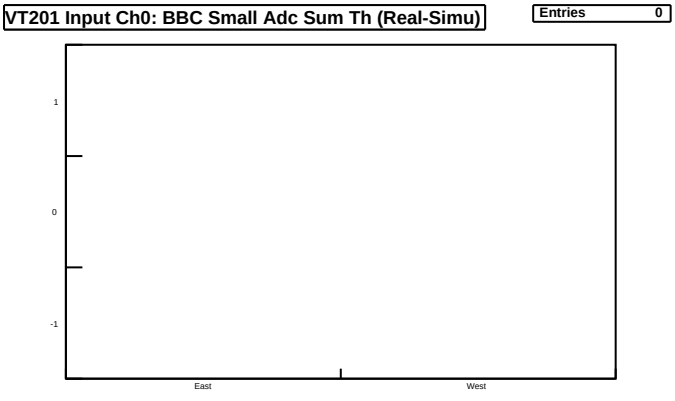

zdcAdcSum
Entries 3862332
33057
4065
23
20
10
5
73318
5037
58
50
35
30
288804
317796
321838
322841
321851
321856
248543
316824
321803
321811
321826
321831
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

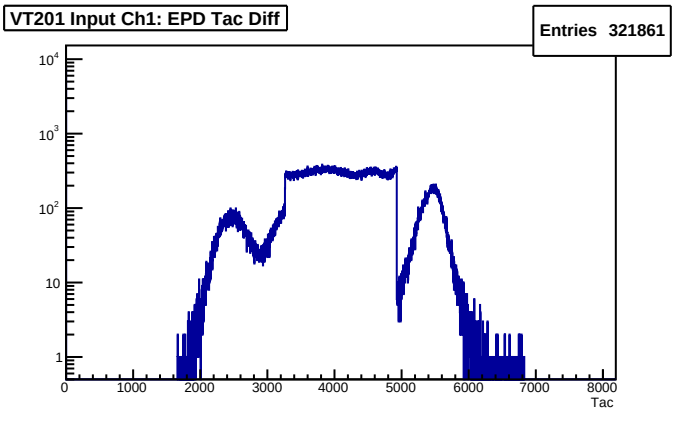

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

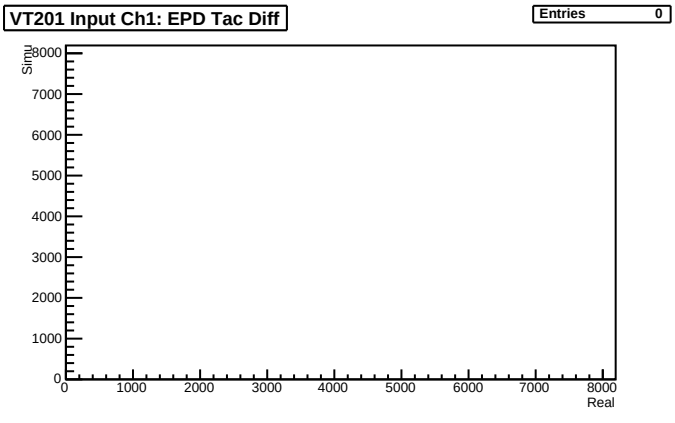

VT201 Input Ch0: BBC Small Tac Diff
Entries 321861
Tac

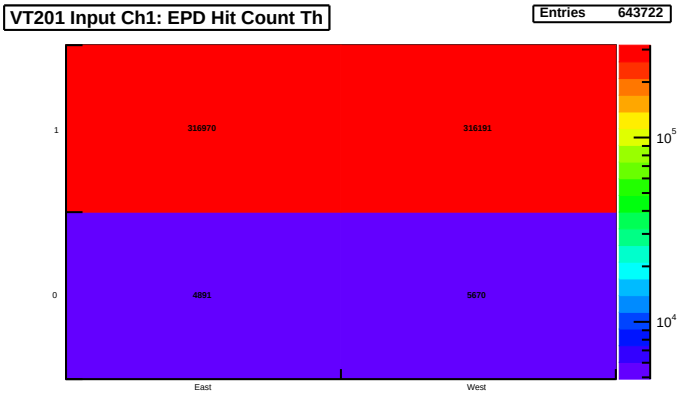

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

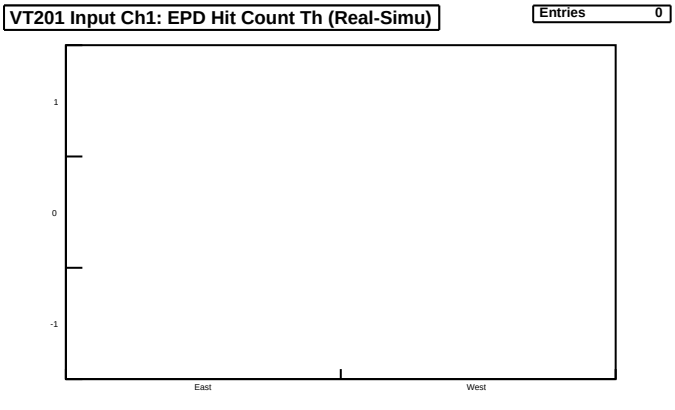

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 643722
243263
269102
78598
52759
East
West

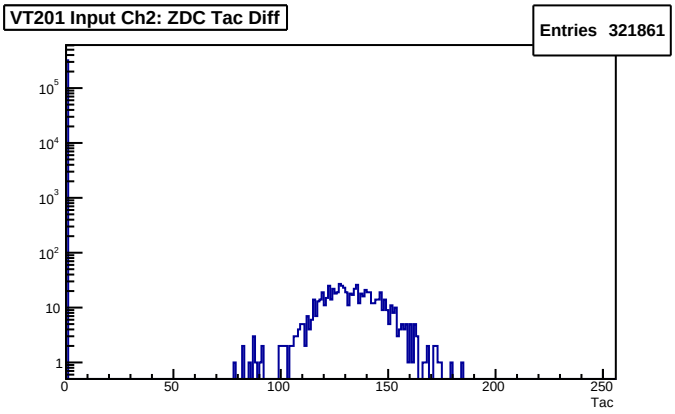

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

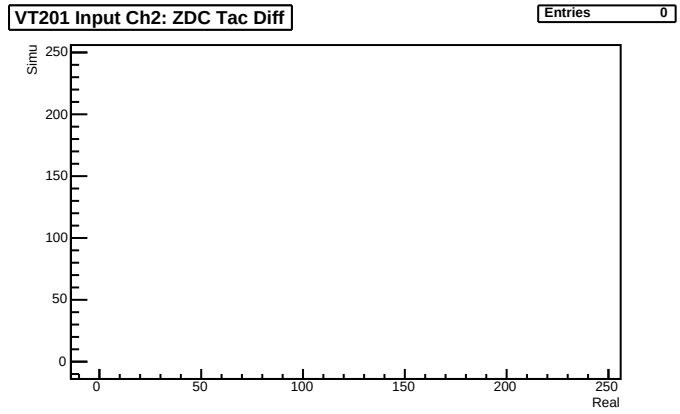

VT201 Input Ch1: EPD Tac Diff
Entries 321861
Tac

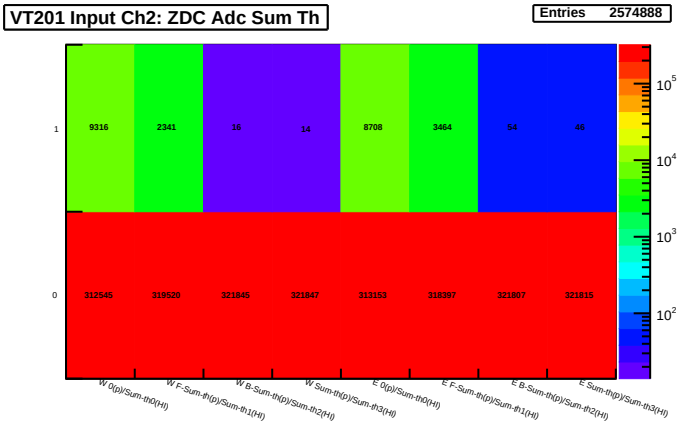

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

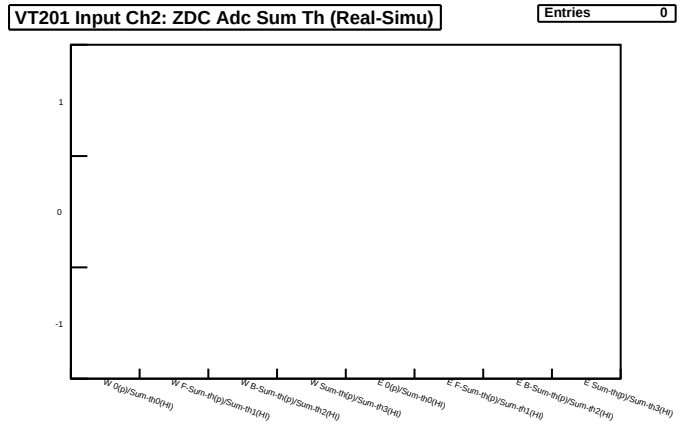

VT201 Input Ch1: EPD Hit Count Th
Entries 643722
316970
316191
4891
5670
East
West

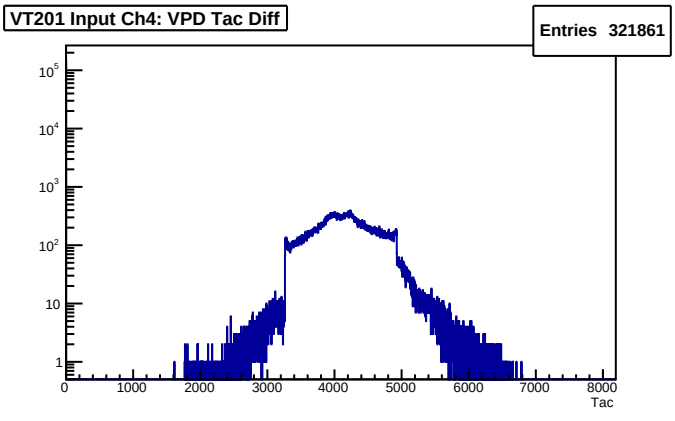

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

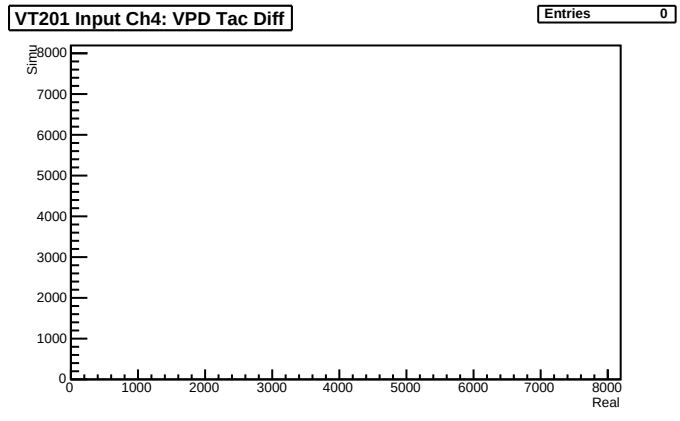

VT201 Input Ch2: ZDC Tac Diff
Entries 321861
Tac

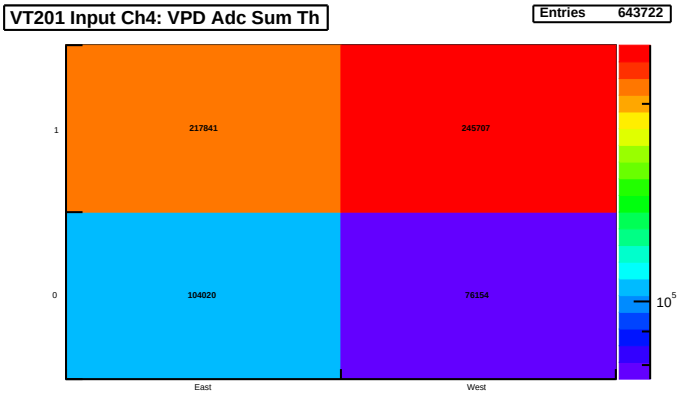

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

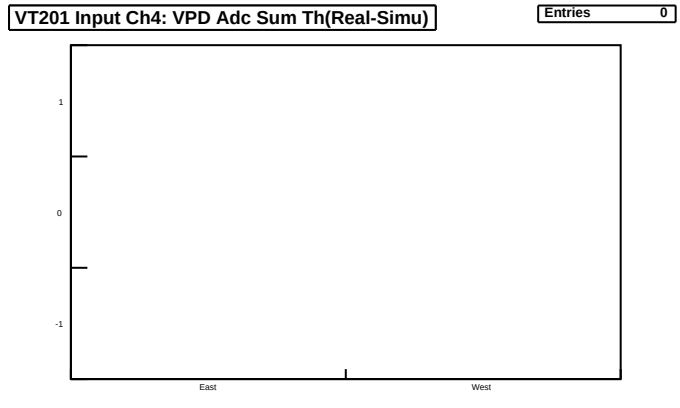

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2574888
9316
2341
16
14
8708
3464
54
46
312545
319520
321845
321847
313153
318397
321807
321815
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

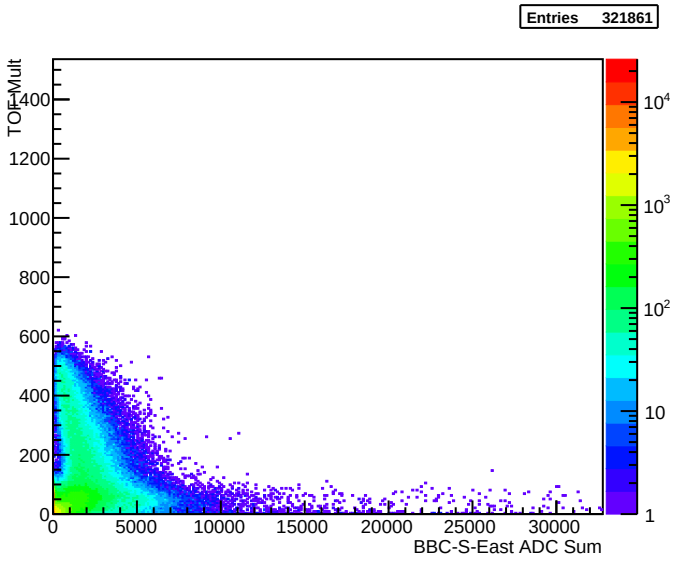

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

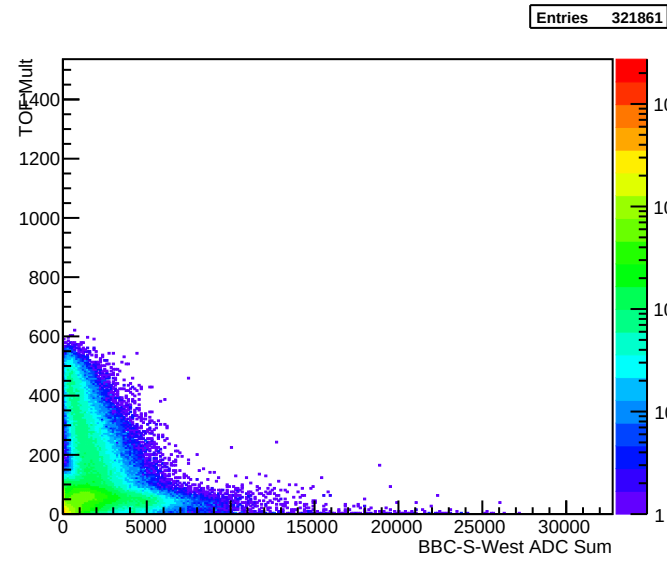

VT201 Input Ch4: VPD Tac Diff
Entries 321861
Tac

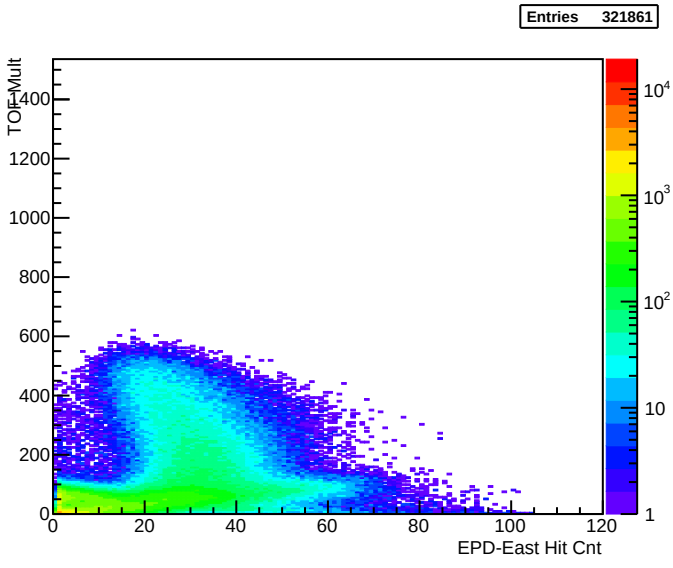

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

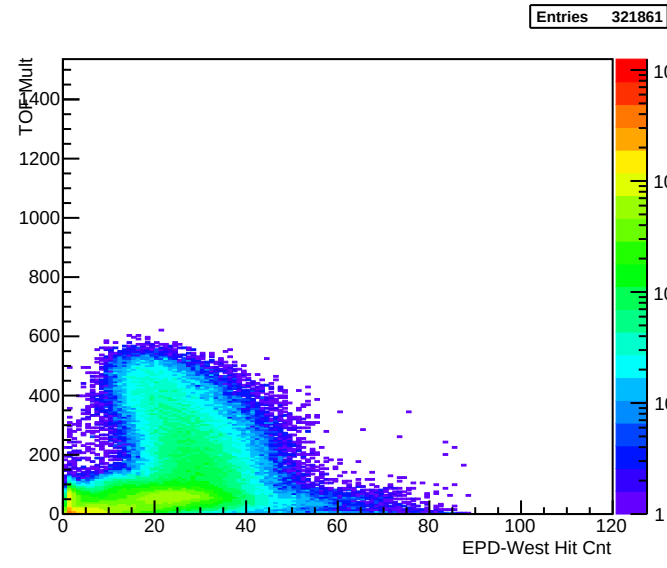

VT201 Input Ch4: VPD Adc Sum Th
Entries 643722
217841
245707
104020
76154
East
West

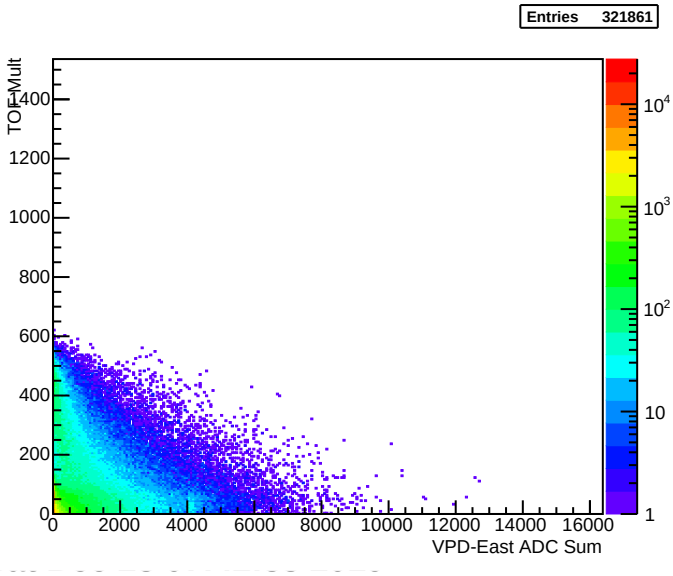

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

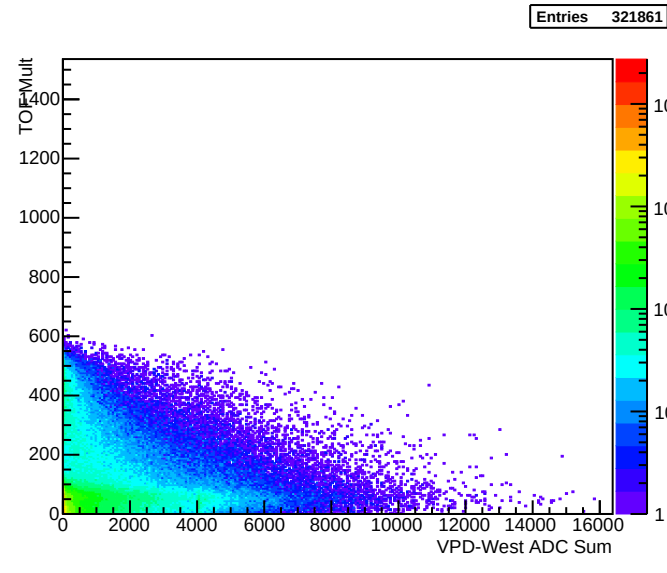

Entries 321861
TOF-Mult
BBC-S-East ADC Sum

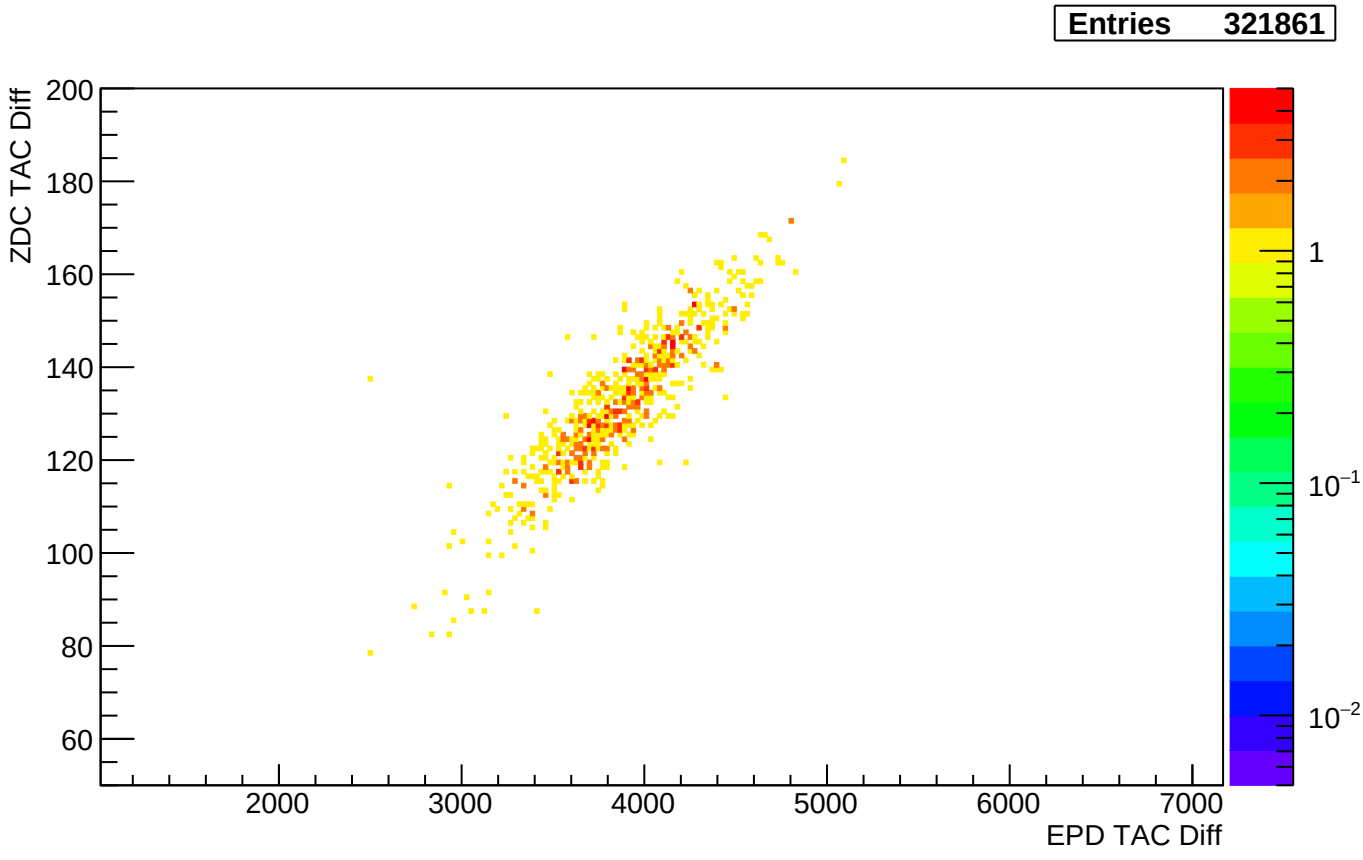

Entries 321861
TOF-Mult
BBC-S-West ADC Sum

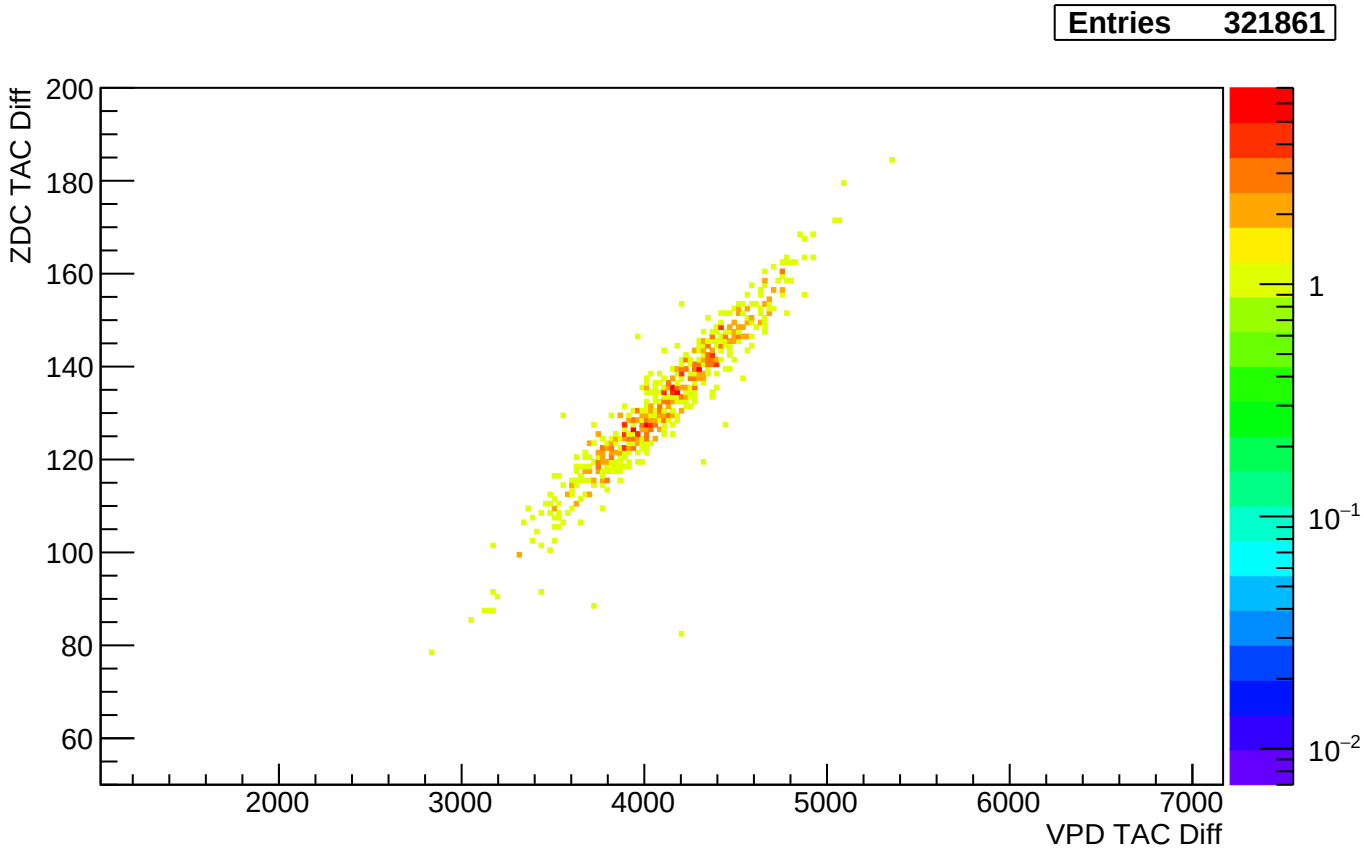

Entries 321861
TOF-Mult
EPD-East Hit Cnt

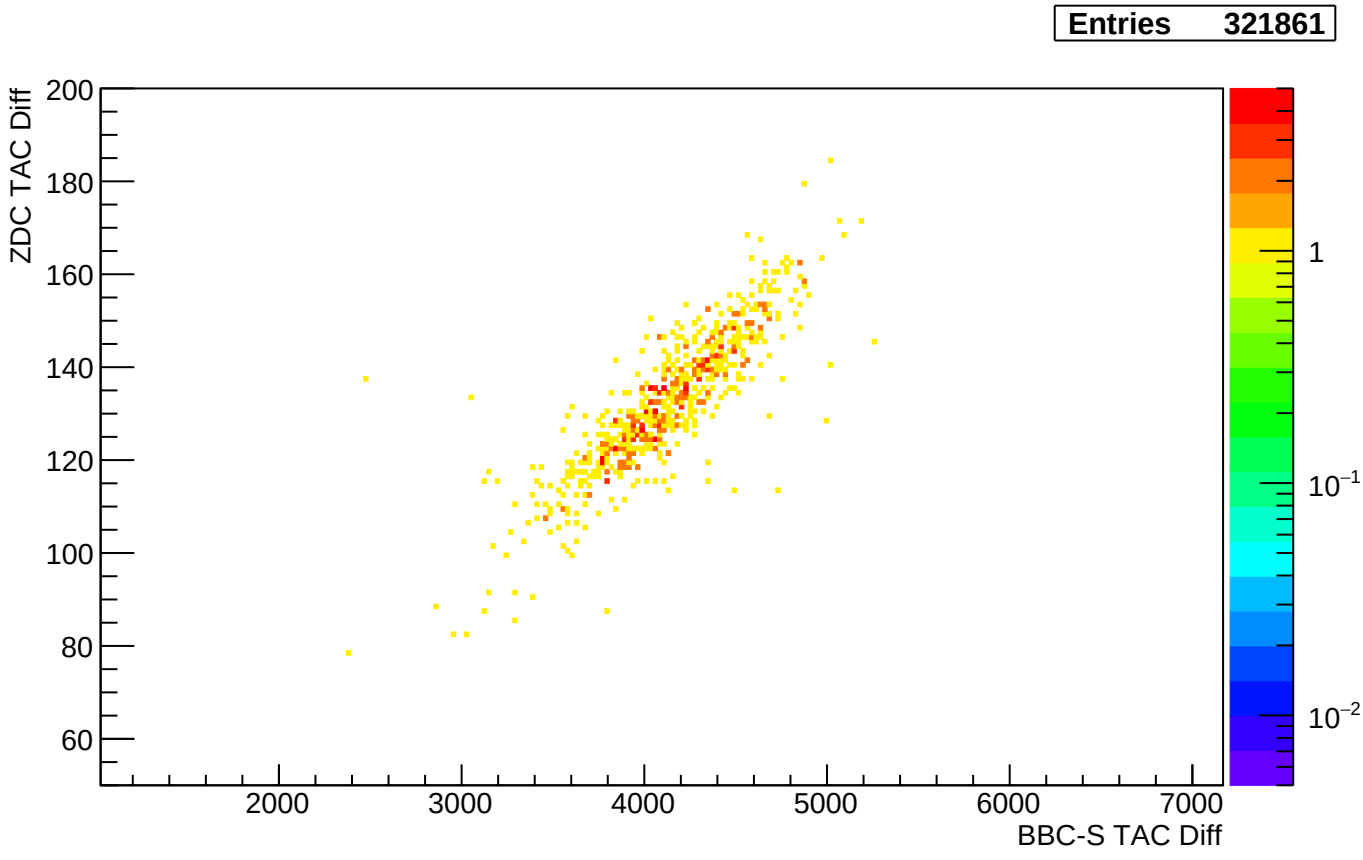

Entries 321861
TOF-Mult
EPD-West Hit Cnt

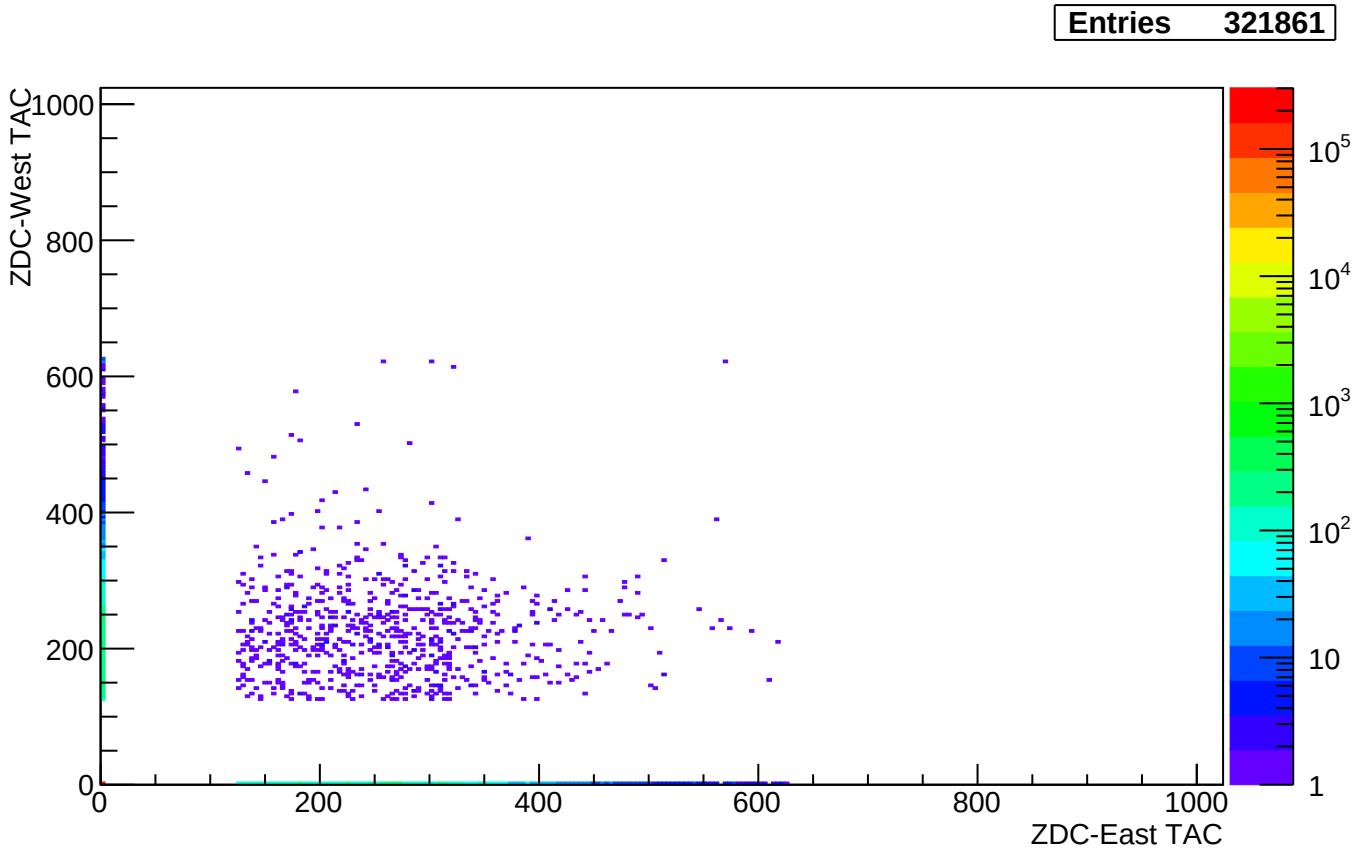

Entries 321861
TOF-Mult
VPD-East ADC Sum

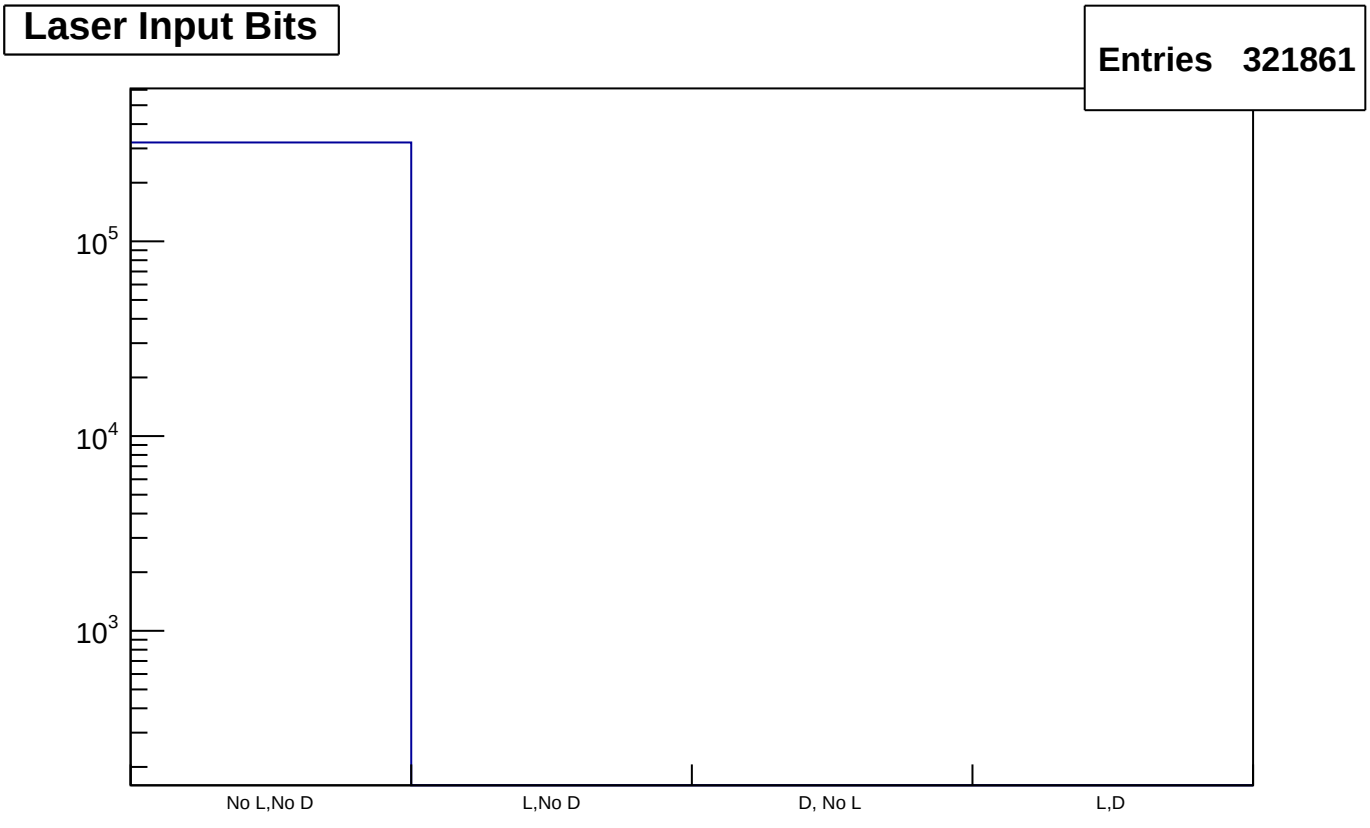

Entries 321861
TOF-Mult
VPD-West ADC Sum

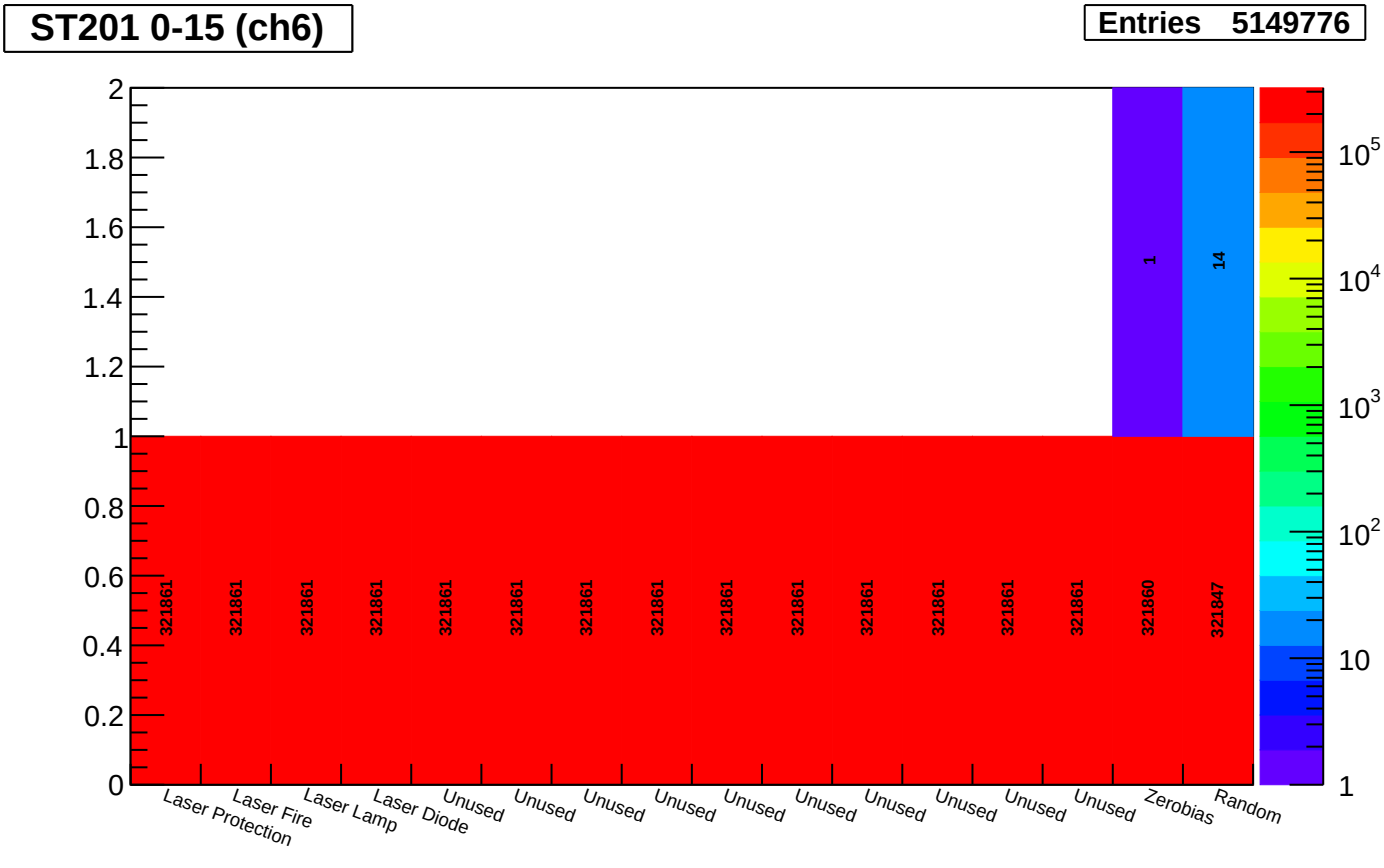

Entries 321861
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

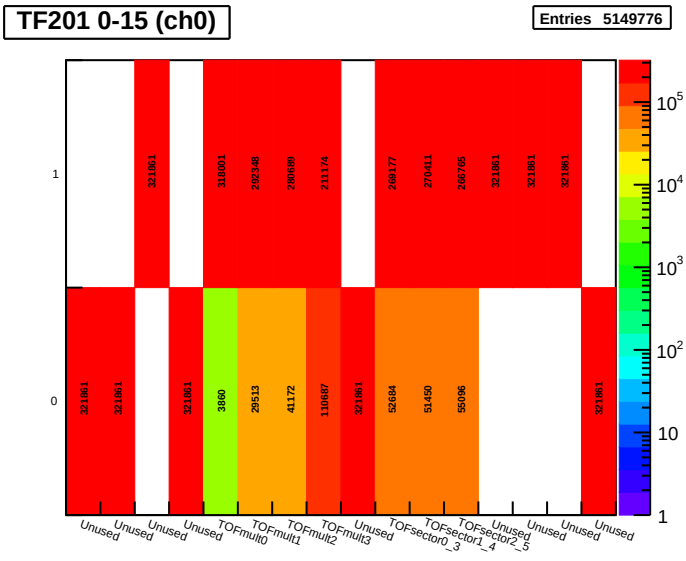

Entries 321861
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

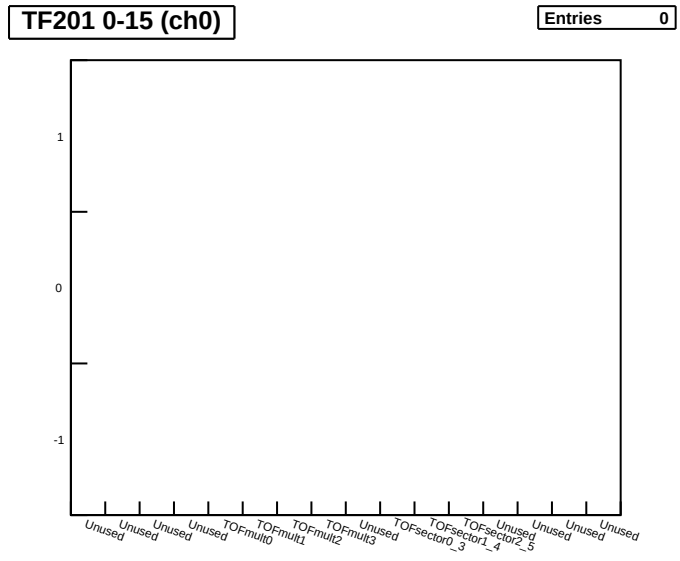

Entries 321861
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

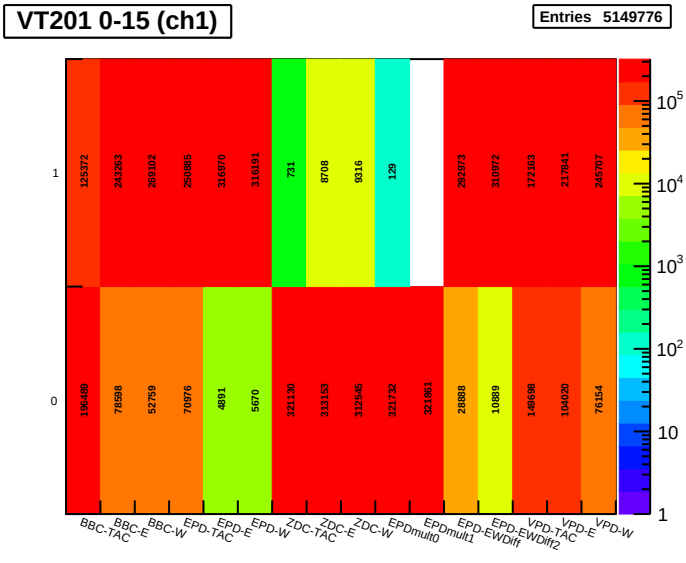

Entries 321861
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

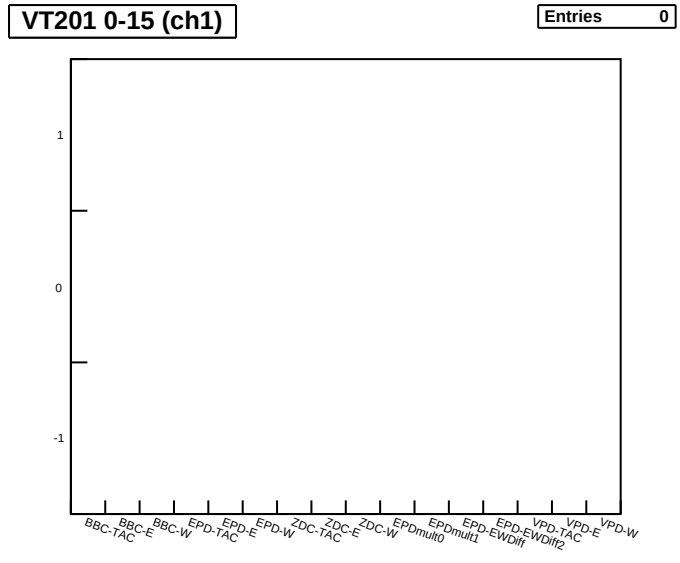

Laser Input Bits
Entries 321861
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

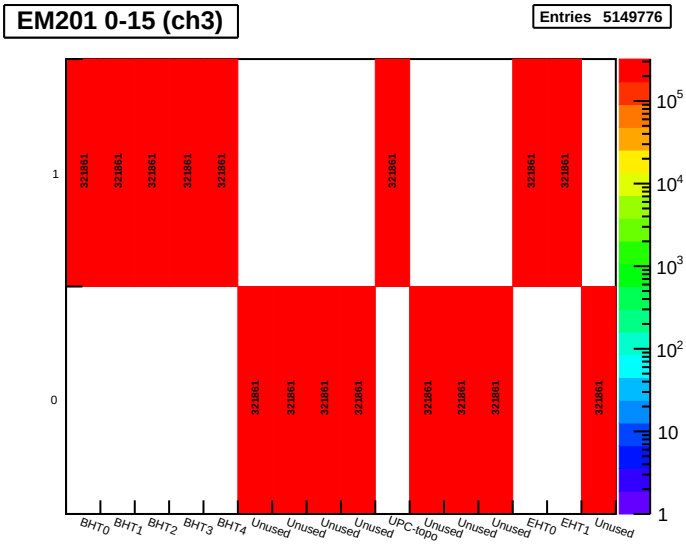

ST201 0-15 (ch6)
Entries 5149776
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
321861
321861
321861
321861
321861
321861
321861
321861
321861
321861
321861
321861
321861
321861
321860
321847
1
14
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

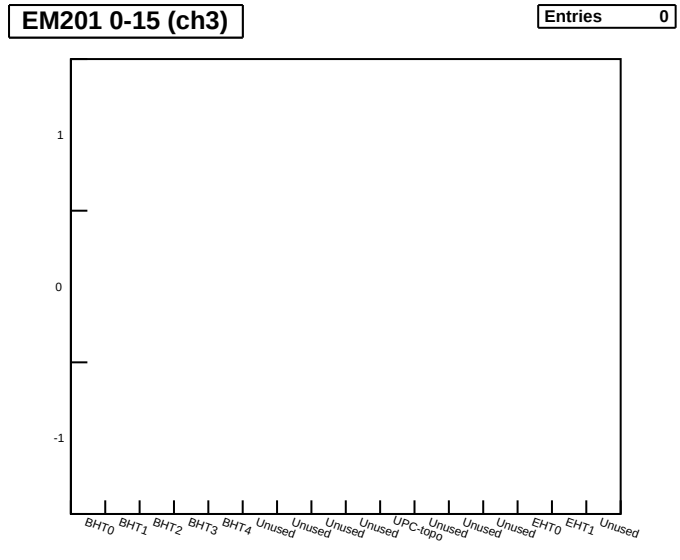

TF201 0-15 (ch0)
Entries 5149776
1
0
321861
318001
292348
280689
211174
269177
270411
266765
321861
321861
321861
321861
321861
321861
3860
29513
41172
110687
321861
52684
51450
55096
321861
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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
Unused


VT201 0-15 (ch1)
Entries 5149776
1
0
125372
243263
269102
250885
316970
316191
731
8708
9316
129
292973
310972
172163
217841
245707
136489
78598
52759
70976
4091
5670
321130
313153
312545
321732
321861
28888
10889
145698
104020
76154
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 5149776
1
0
321861
321861
321861
321861
321861
321861
321861
321861
321861
321861
321861
321861
321861
321861
321861
321861
321861
321861
321861
321861
321861
321861
321861
321861
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