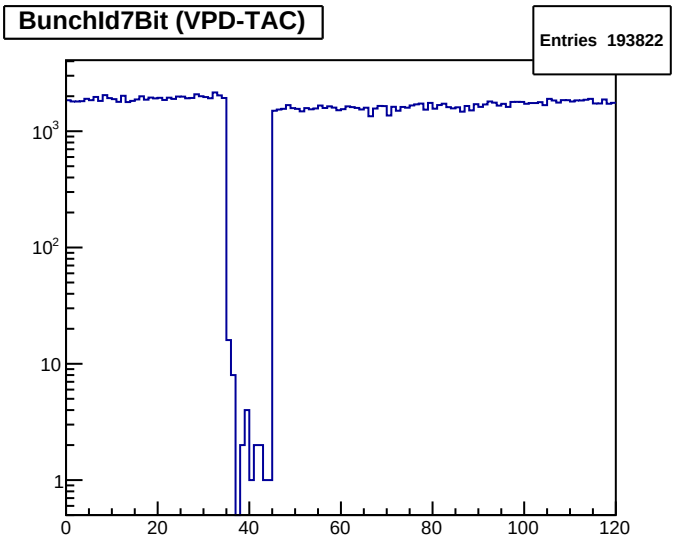
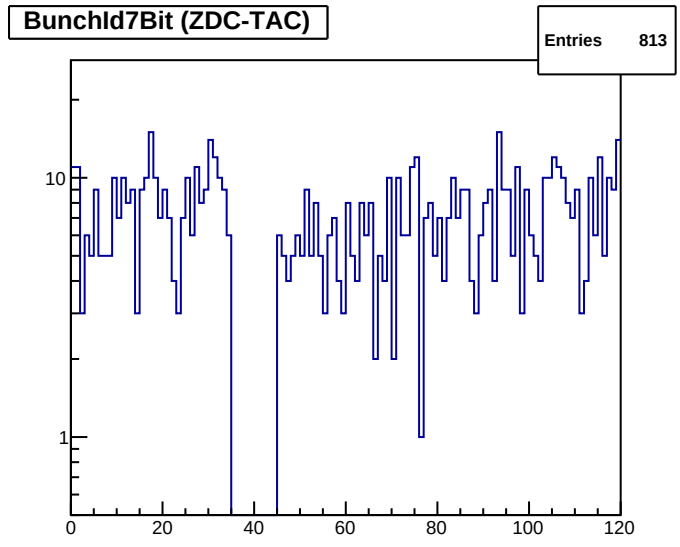
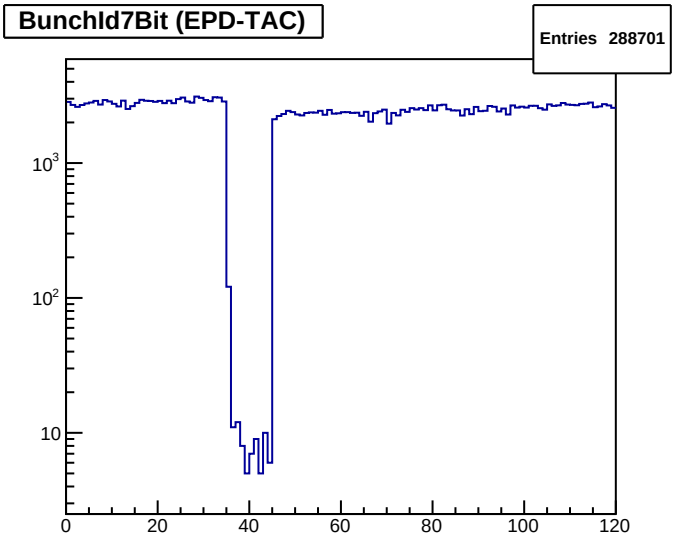
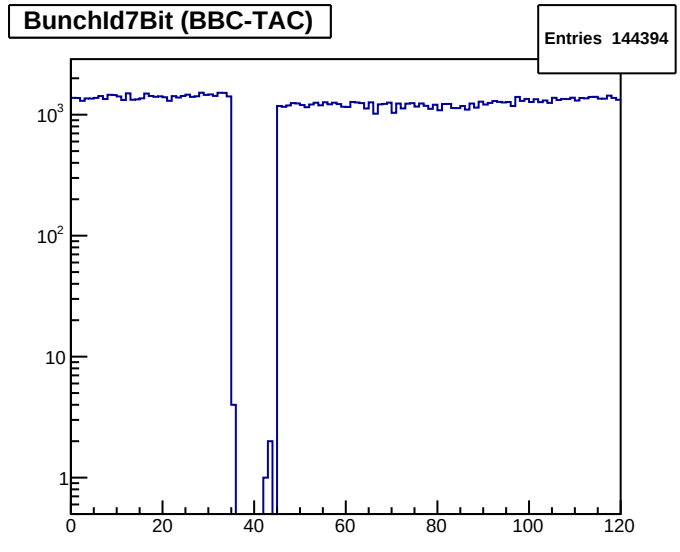
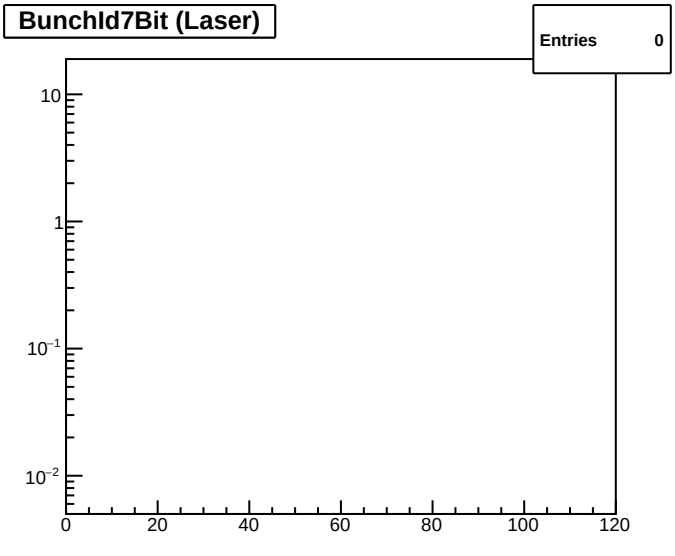
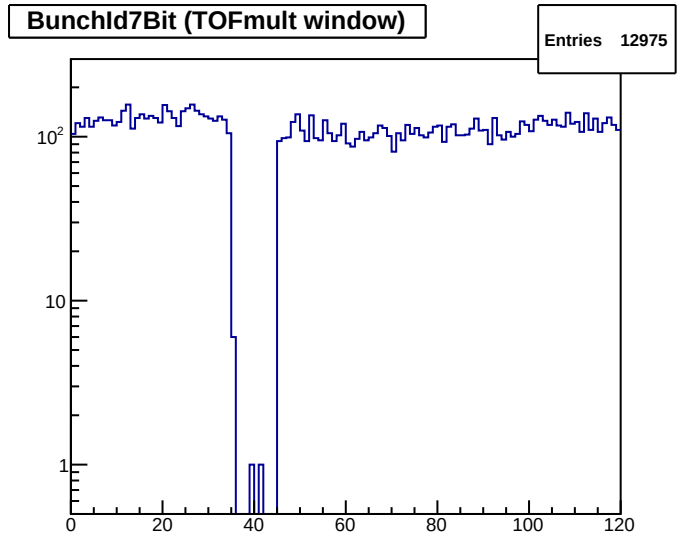

BunchId7Bit (VPD-TAC)
Entries 193822

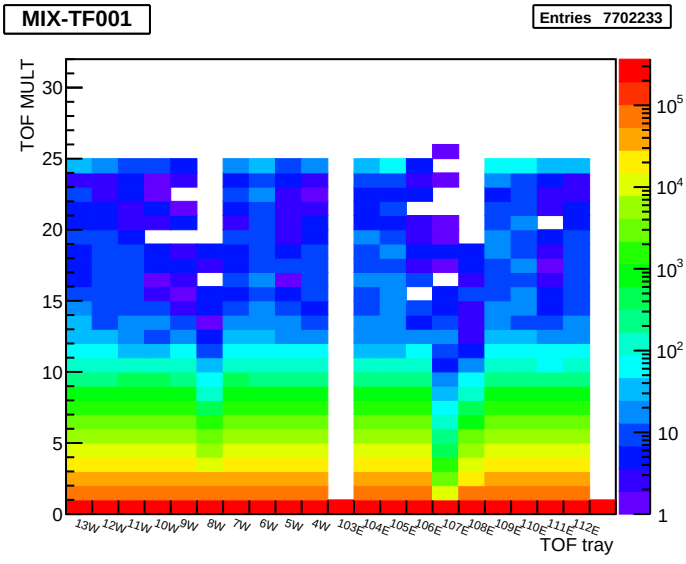

BunchId7Bit (ZDC-TAC)
Entries 813

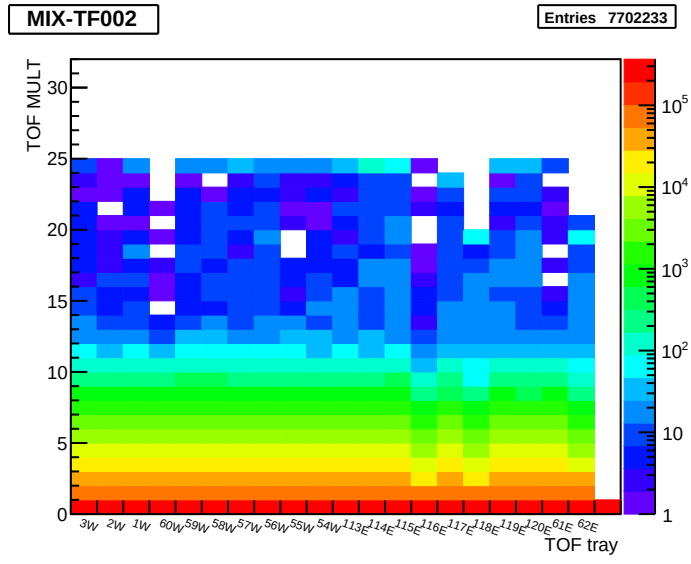

BunchId7Bit (EPD-TAC)
Entries 288701

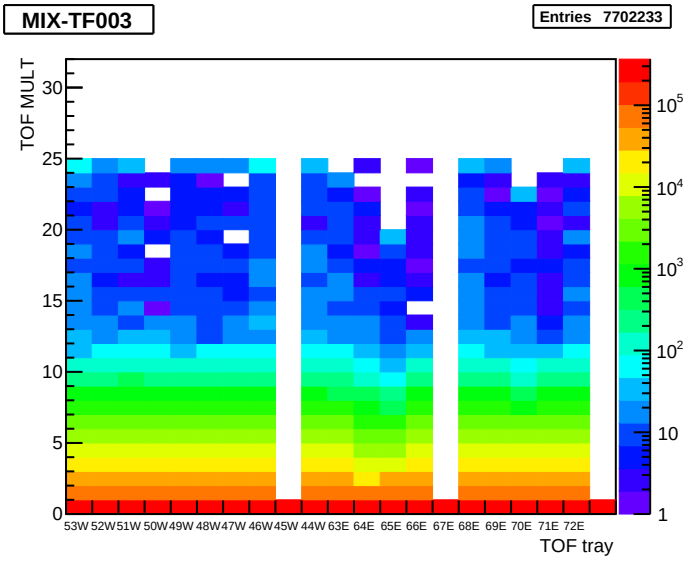

BunchId7Bit (BBC-TAC)
Entries 144394

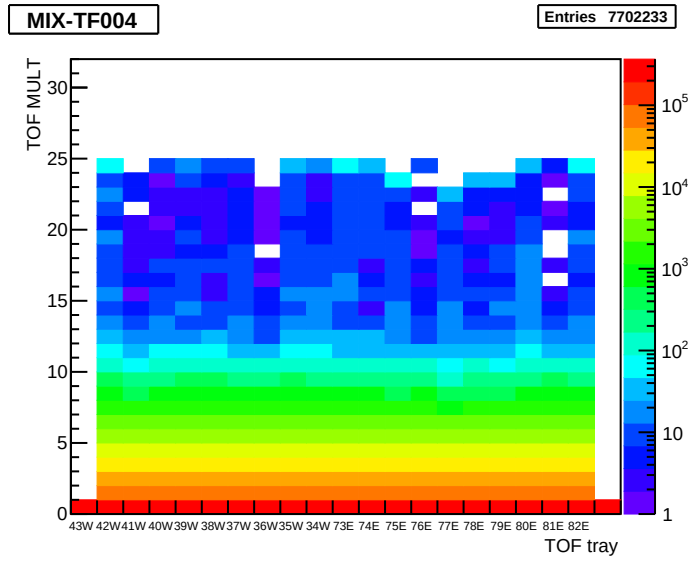

BunchId7Bit (Laser)
Entries 0

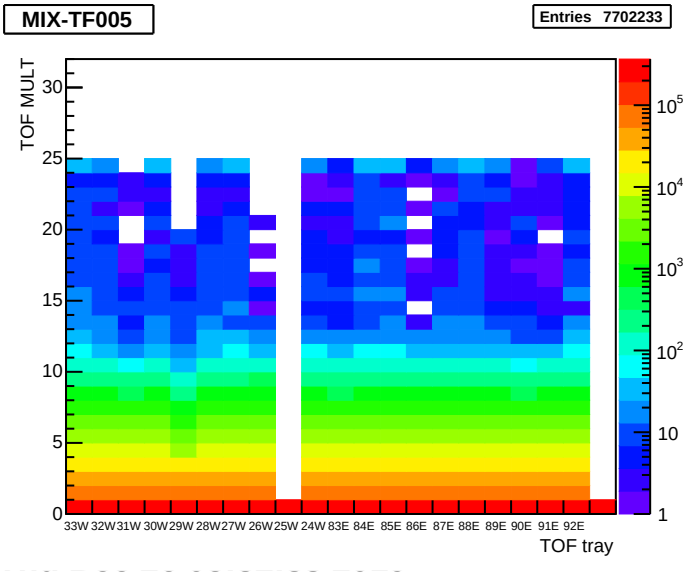

BunchId7Bit (TOFmult window)
Entries 12975

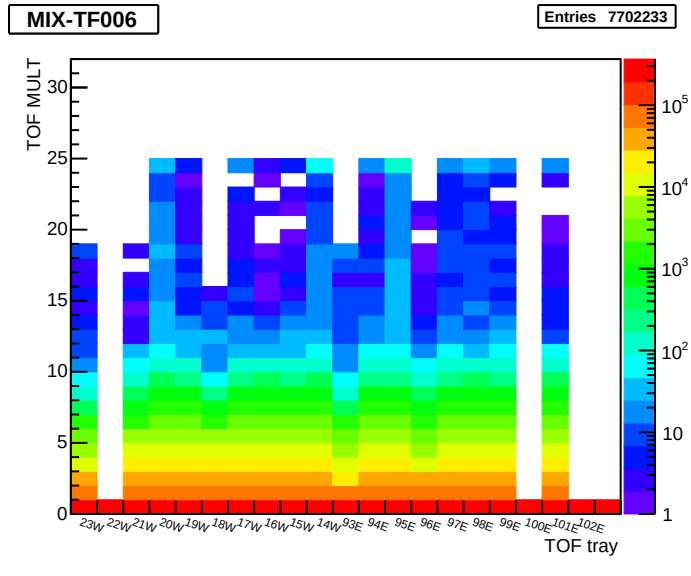

MIX-TF001
Entries 7702233
TOF MULT
TOF tray

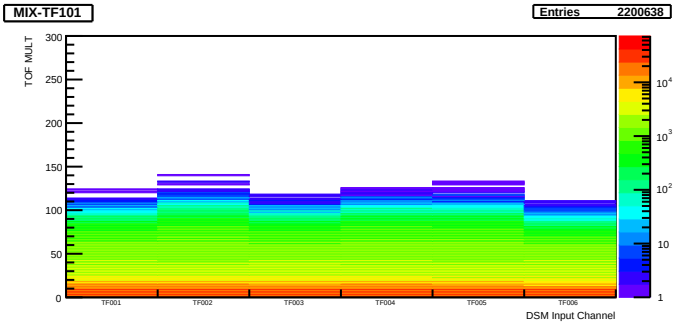

MIX-TF002
Entries 7702233
TOF MULT
TOF tray

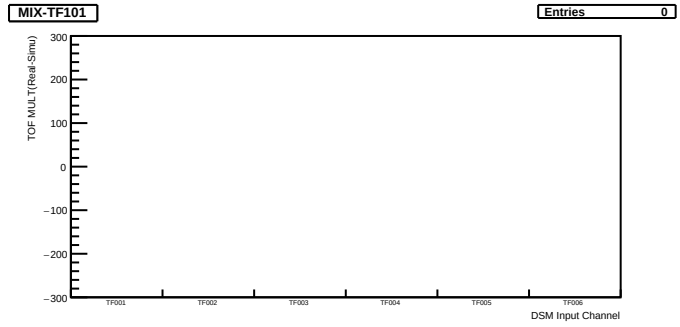

MIX-TF003
Entries 7702233
TOF MULT
TOF tray

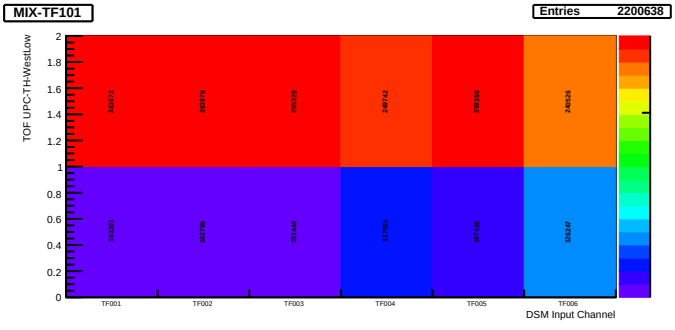

MIX-TF004
Entries 7702233
TOF MULT
TOF tray

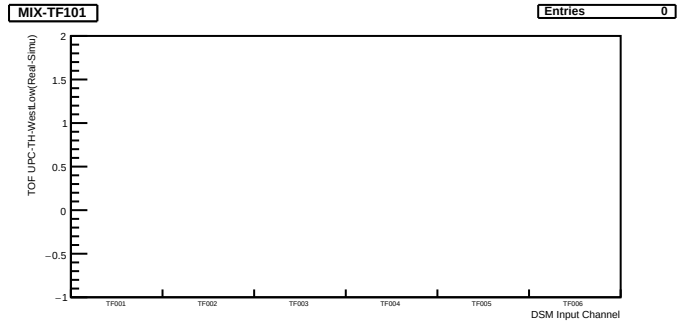

MIX-TF005
Entries 7702233
TOF MULT
TOF tray

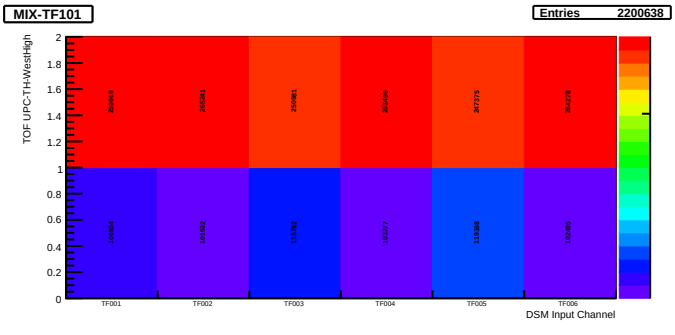

MIX-TF006
Entries 7702233
TOF MULT
TOF tray

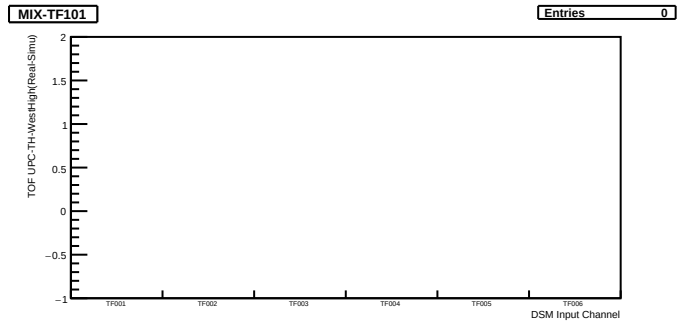

MIX-TF101
Entries 2200638
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

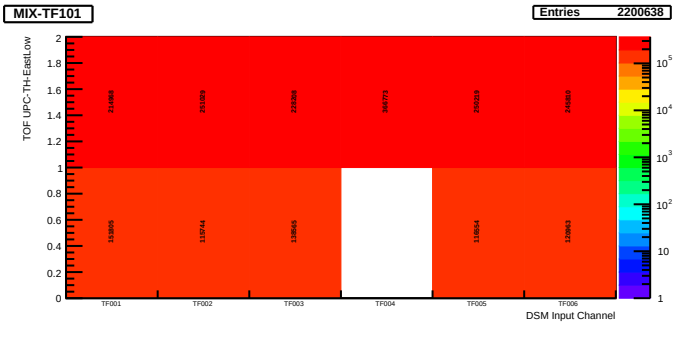

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

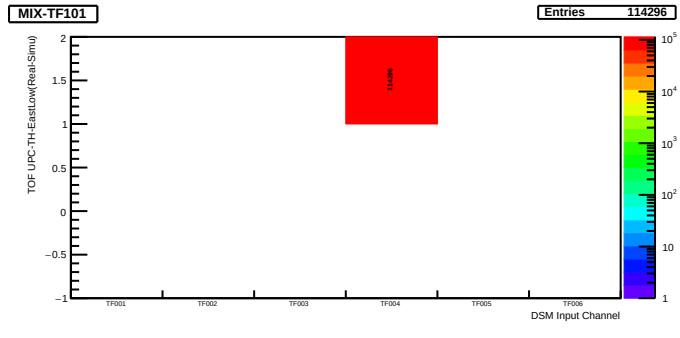

MIX-TF101
Entries 2200638
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

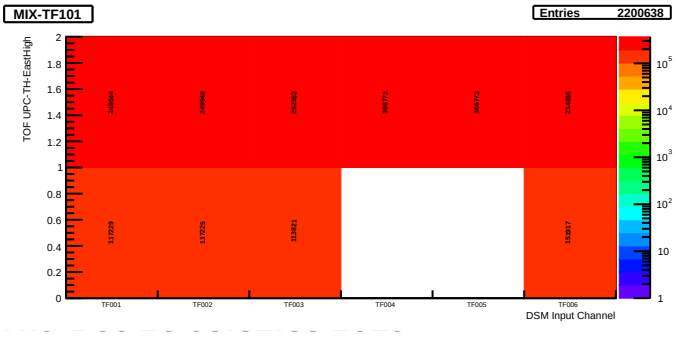

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

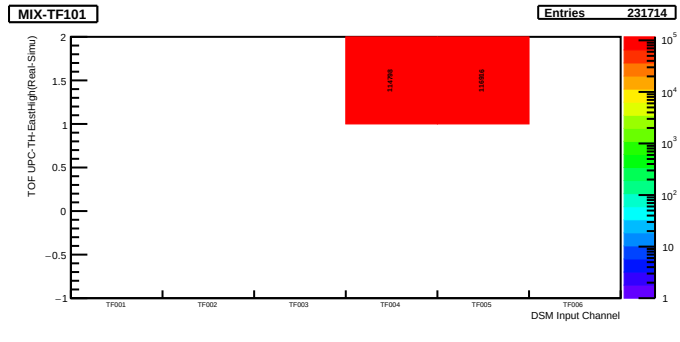

MIX-TF101
Entries 2200638
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

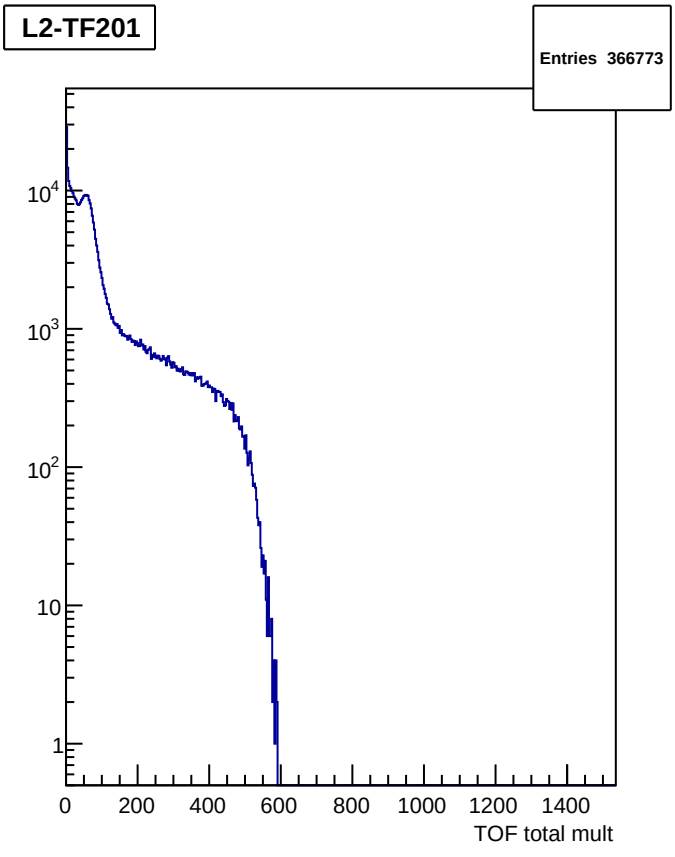

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

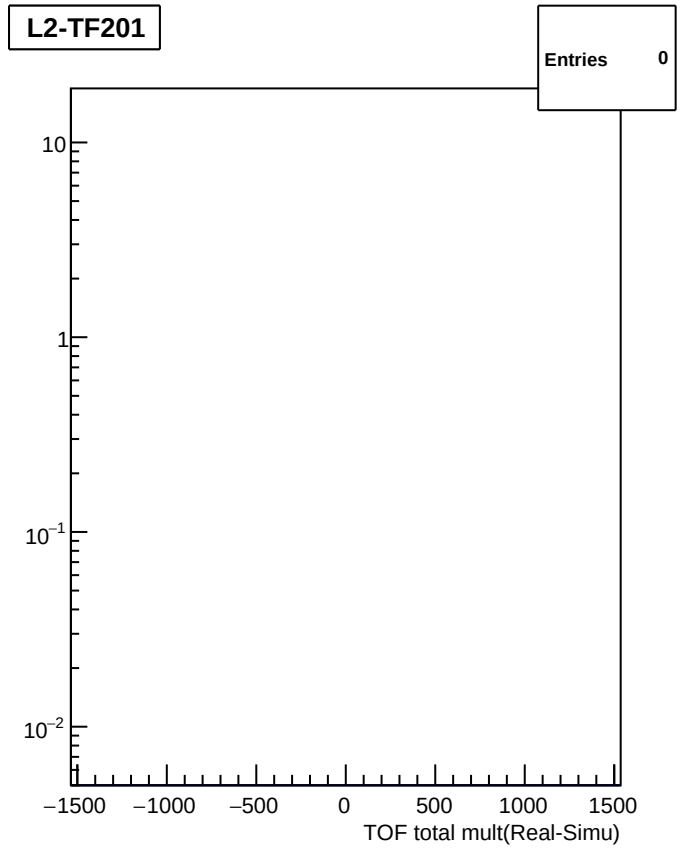

MIX-TF101
Entries 2200638
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

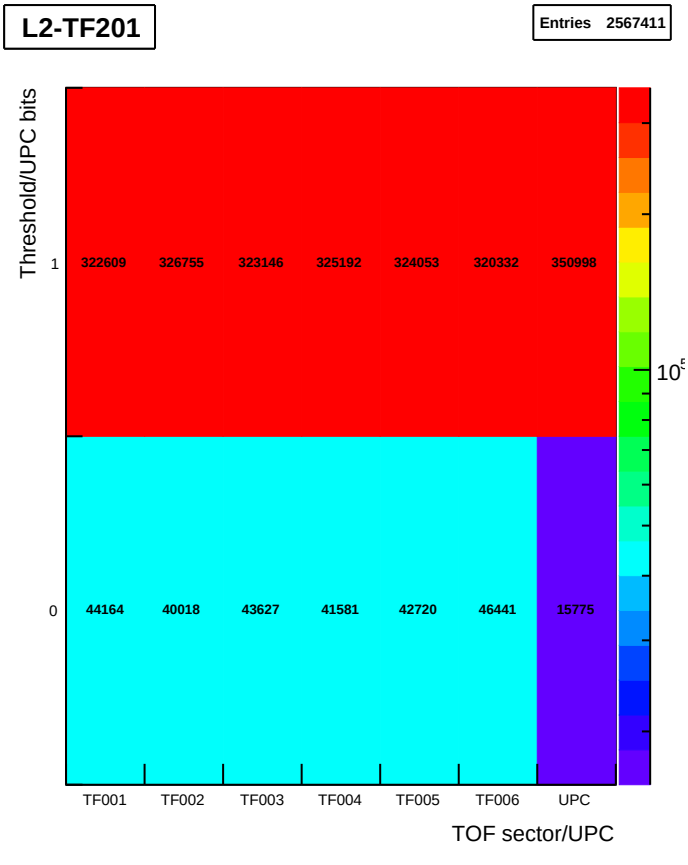

MIX-TF101
Entries 114296
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

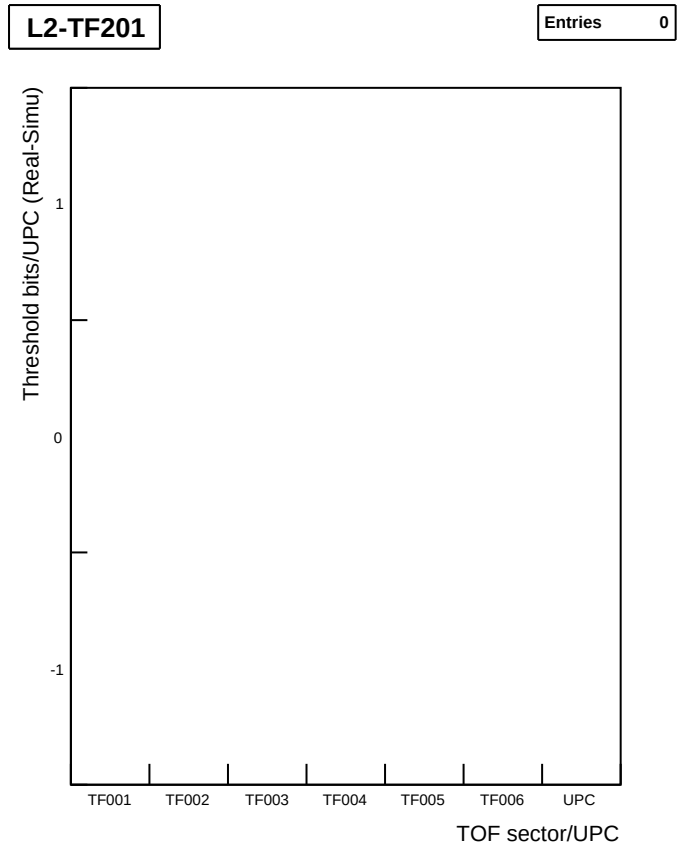

MIX-TF101
Entries 2200638
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

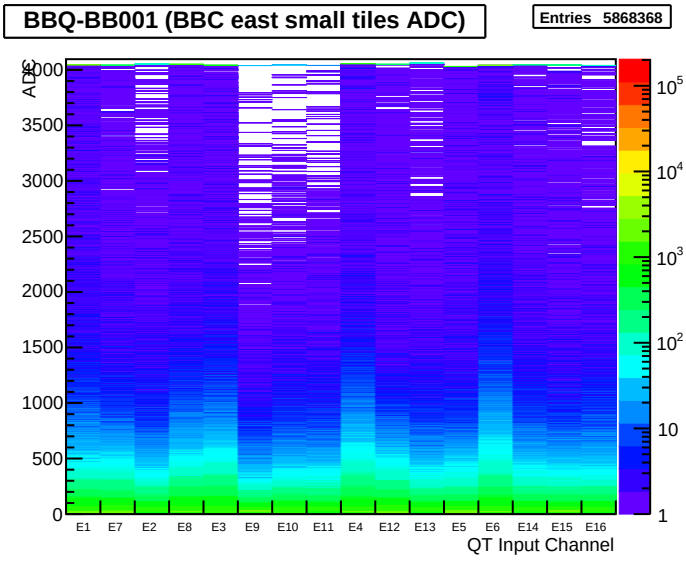

MIX-TF101
Entries 231714
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

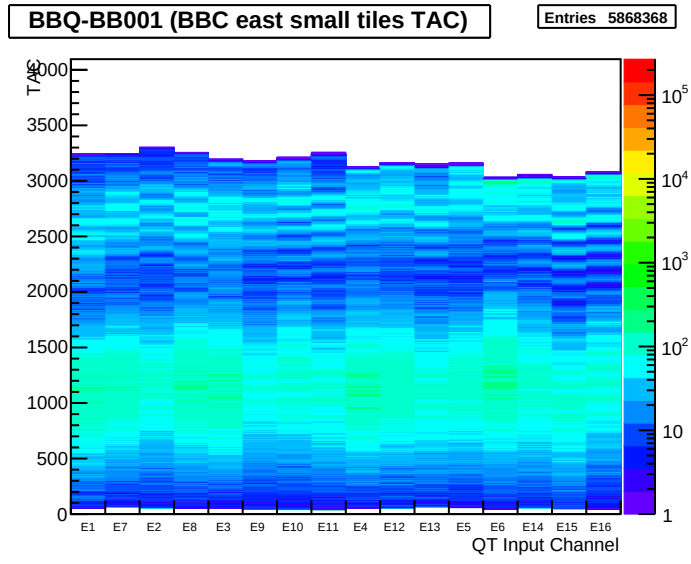

L2-TF201
Entries 366773
TOF total mult

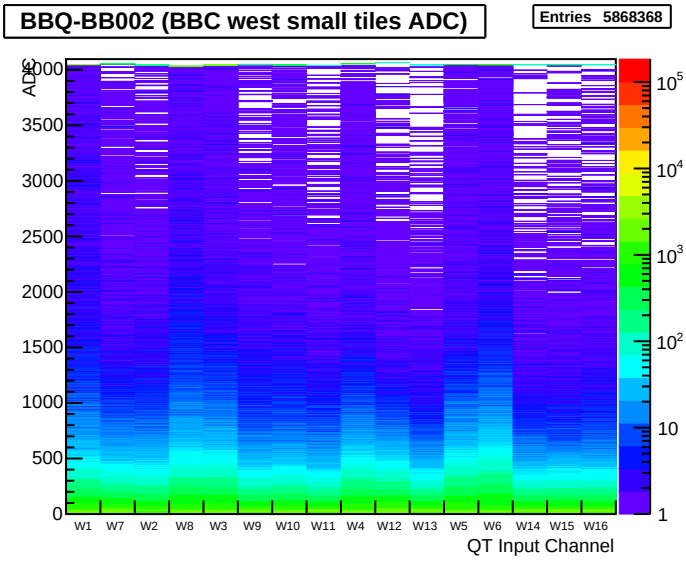

L2-TF201
Entries 0
TOF total mult(Real-Simu)

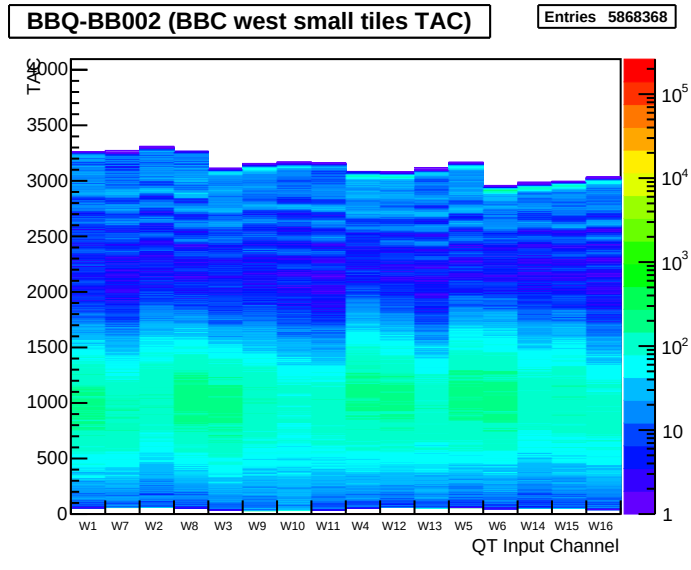

L2-TF201
Entries 2567411
Threshold/UPC bits
322609 326755 323146 325192 324053 320332 350998
44164 40018 43627 41581 42720 46441 15775
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

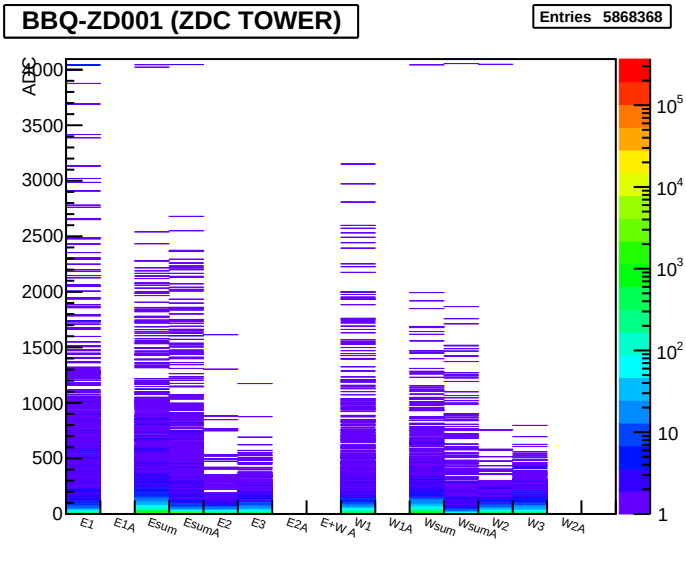

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

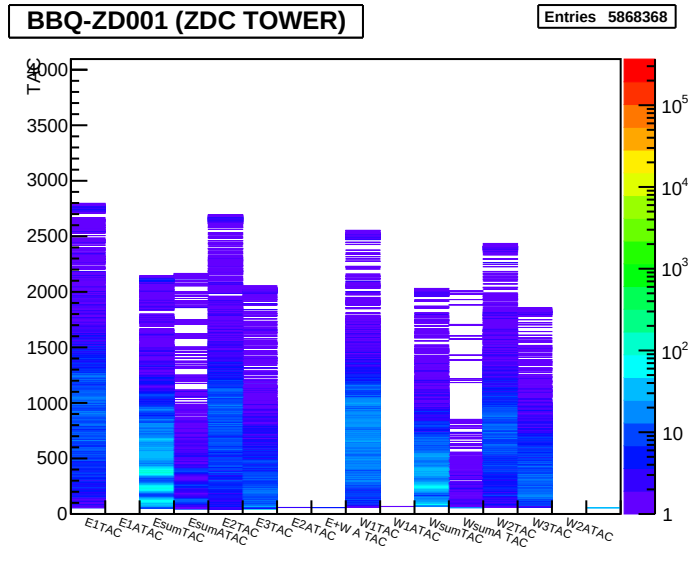

BBQ-BB001 (BBC east small tiles ADC)
Entries 5868368
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

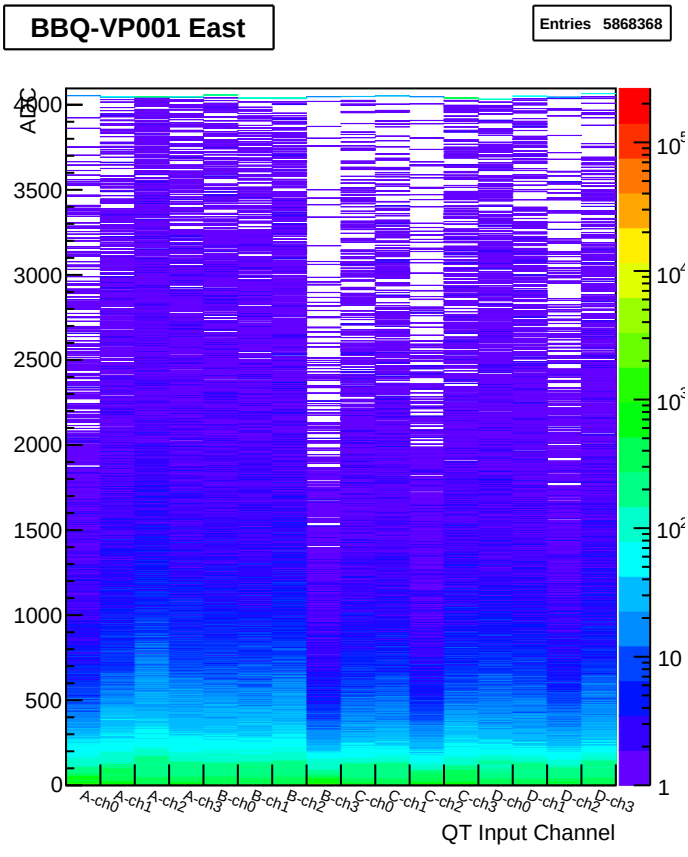

BBQ-BB001 (BBC east small tiles TAC)
Entries 5868368
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

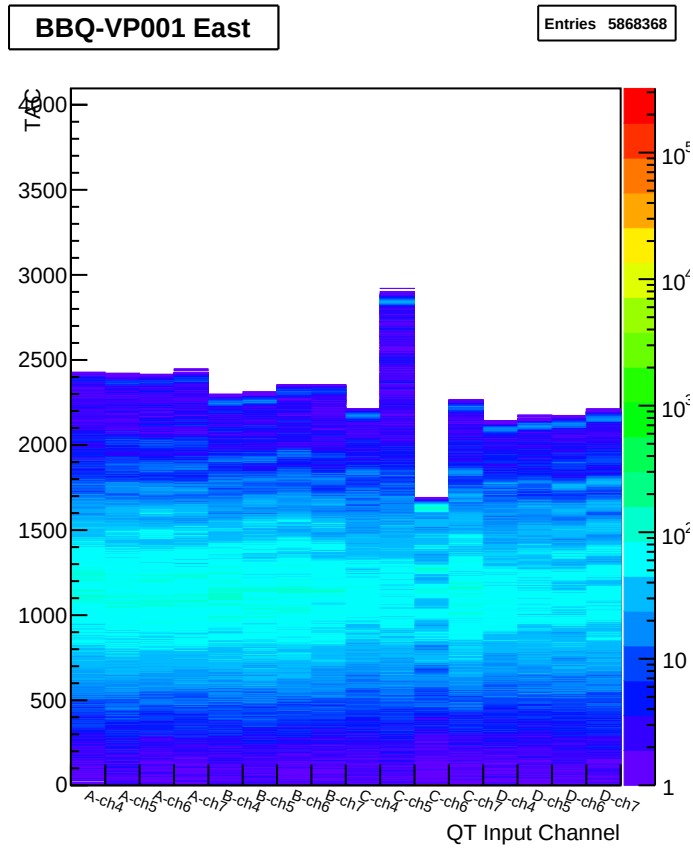

BBQ-BB002 (BBC west small tiles ADC)
Entries 5868368
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

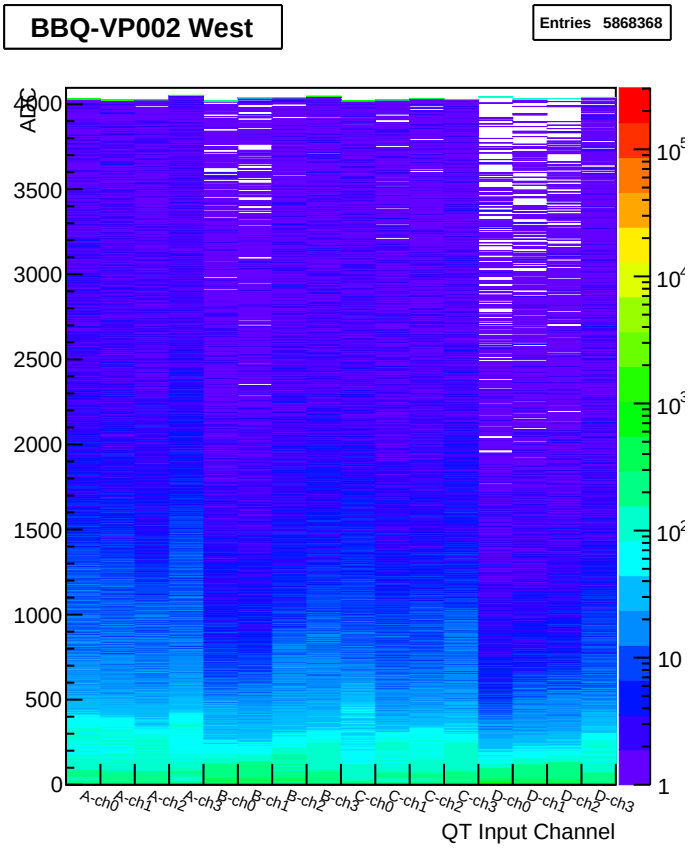

BBQ-BB002 (BBC west small tiles TAC)
Entries 5868368
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

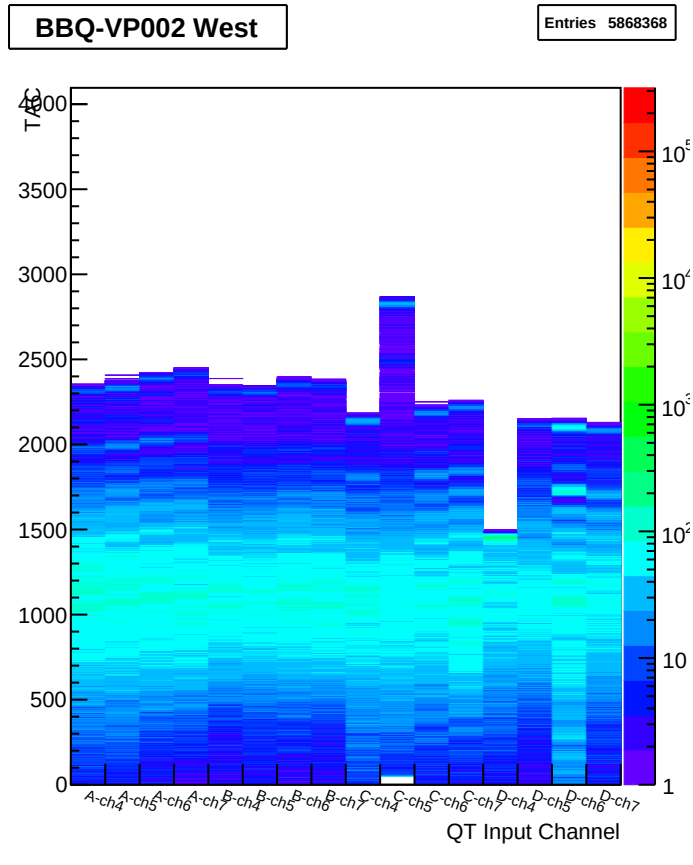

BBQ-ZD001 (ZDC TOWER)
Entries 5868368
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

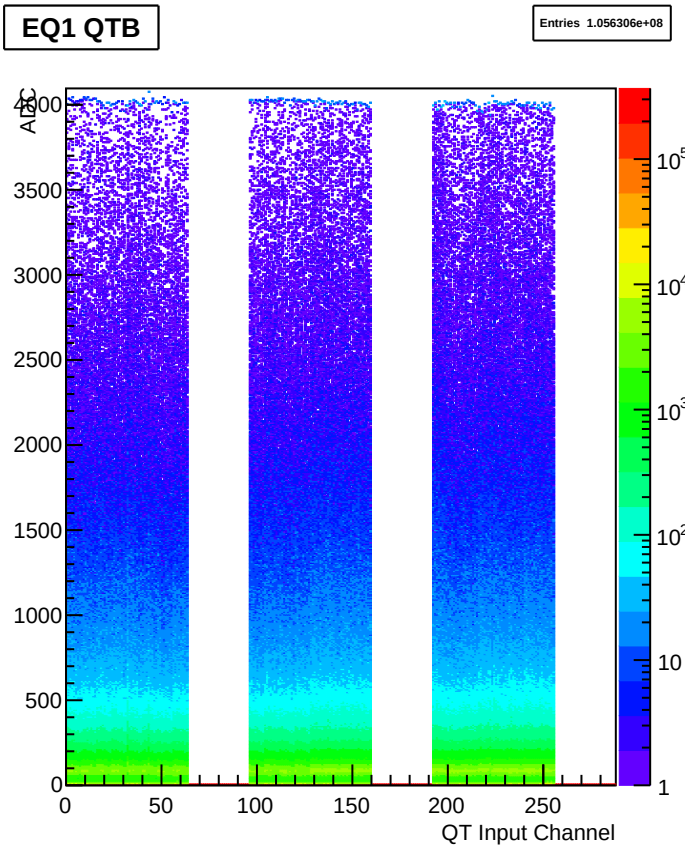

BBQ-ZD001 (ZDC TOWER)
Entries 5868368
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

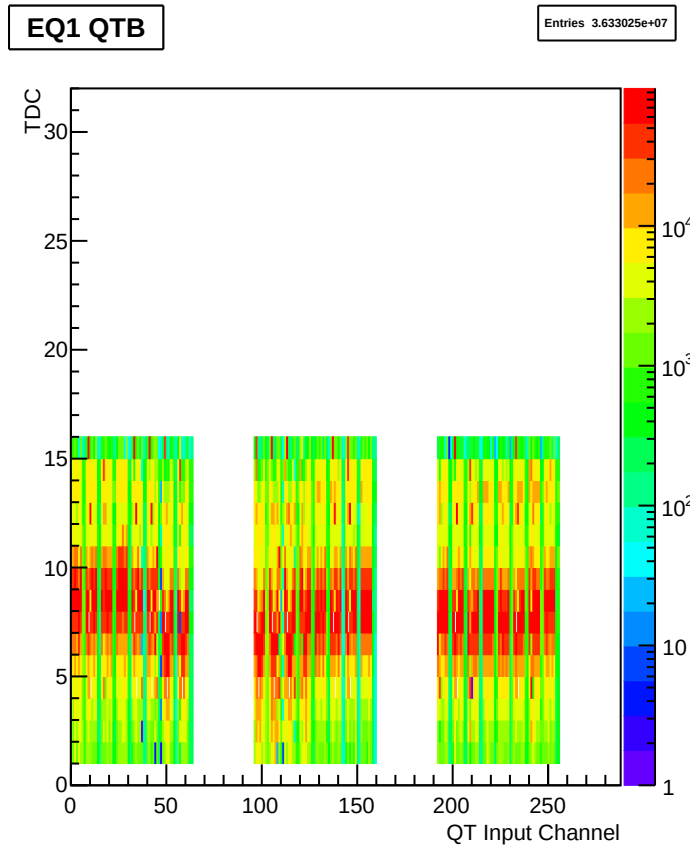

BBQ-VP001 East
Entries 5868368
ADC
QT Input Channel

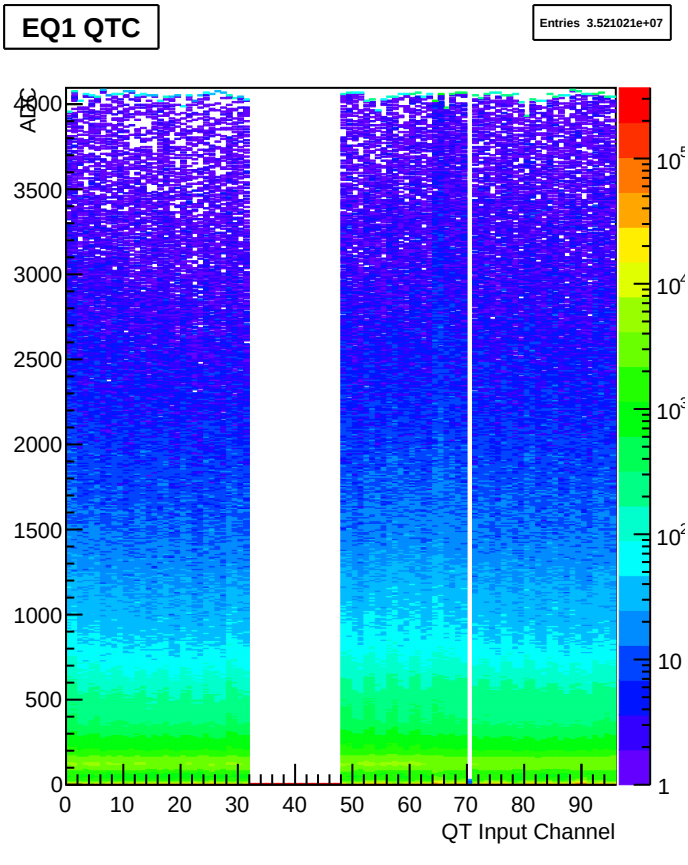

BBQ-VP001 East
Entries 5868368
TADC
QT Input Channel

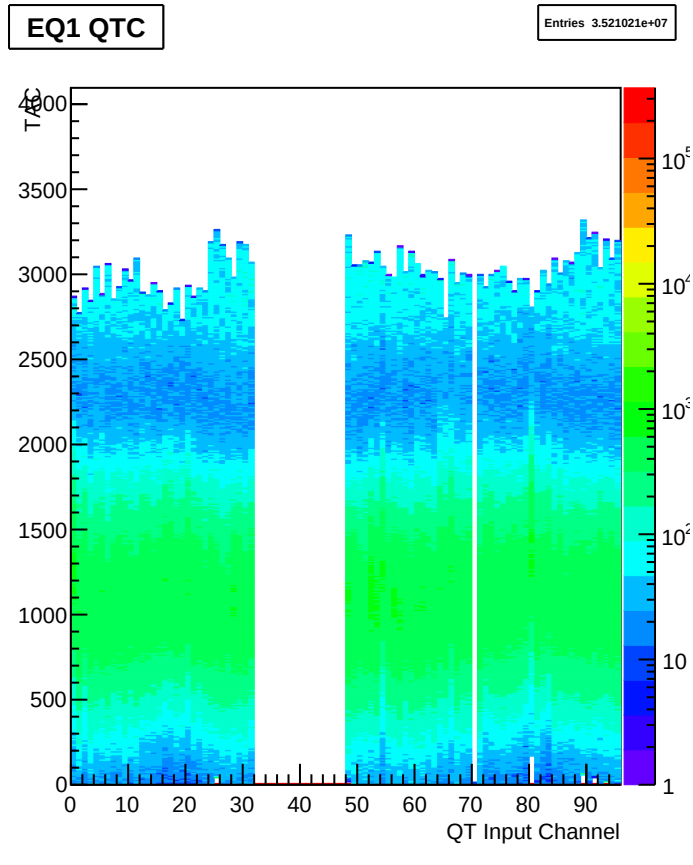

BBQ-VP002 West
Entries 5868368
ADC
QT Input Channel

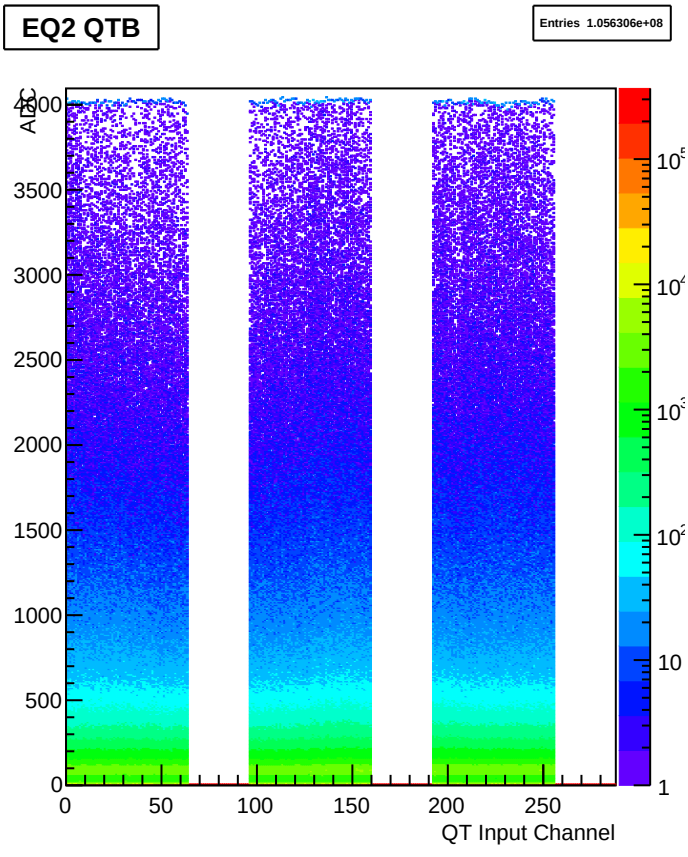

BBQ-VP002 West
Entries 5868368
TADC
QT Input Channel

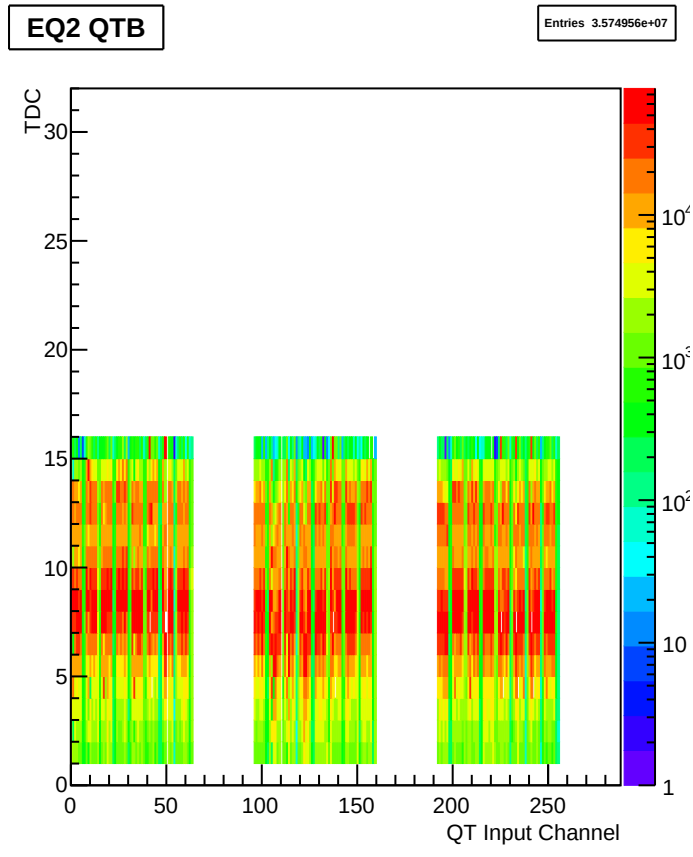

EQ1 QTB
Entries 1.056306e+08
ADC
QT Input Channel

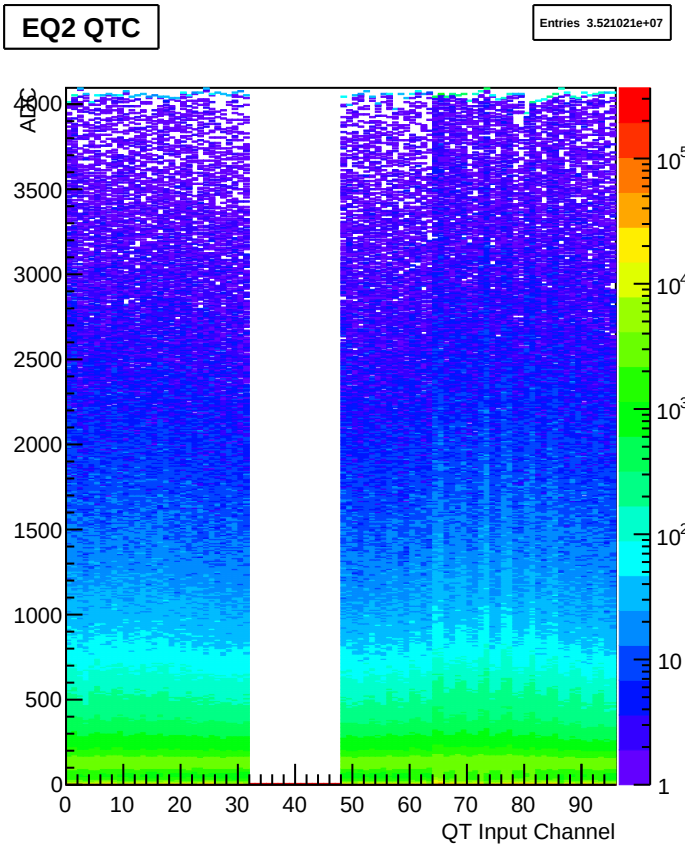

EQ1 QTB
Entries 3.633025e+07
TDC
QT Input Channel

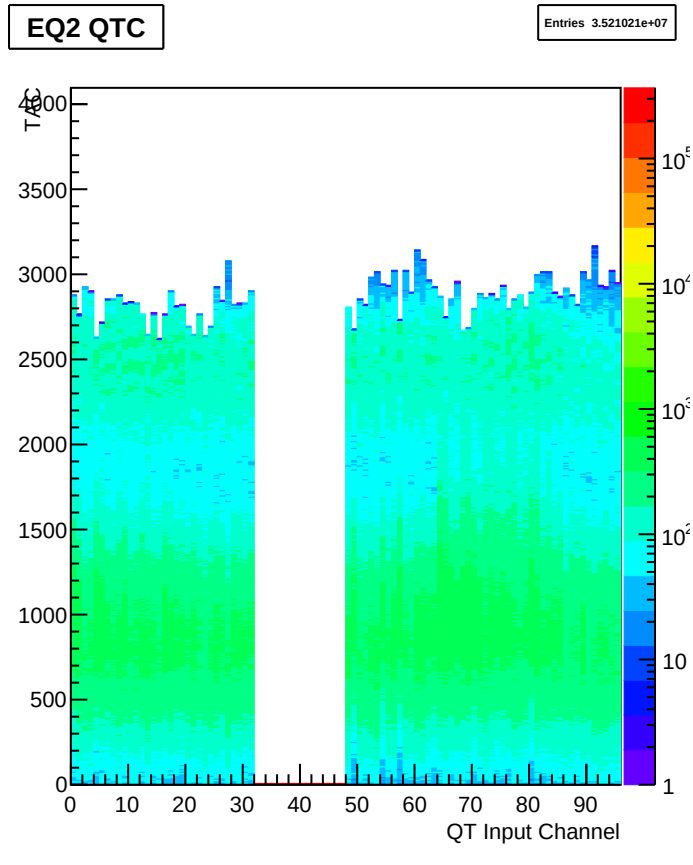

EQ1 QTC
Entries 3.521021e+07
ADC
QT Input Channel

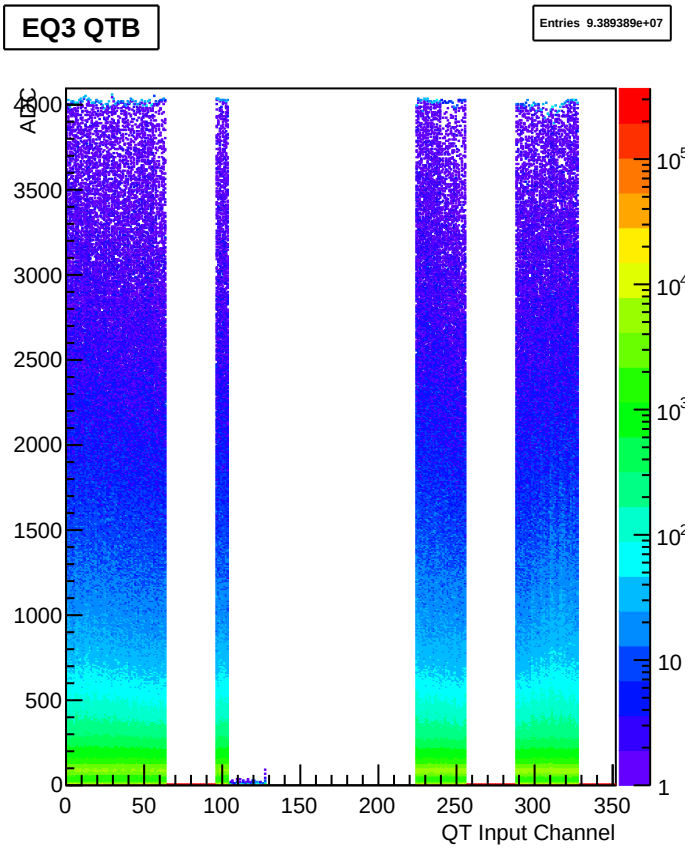

EQ1 QTC
Entries 3.521021e+07
TADC
QT Input Channel

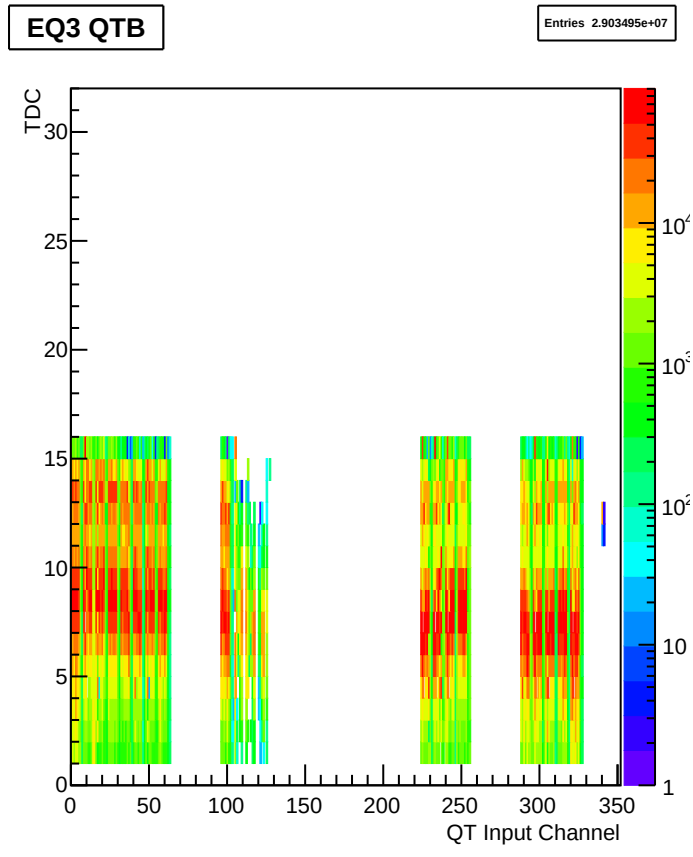

EQ2 QTB
Entries 1.056306e+08
ADC
QT Input Channel

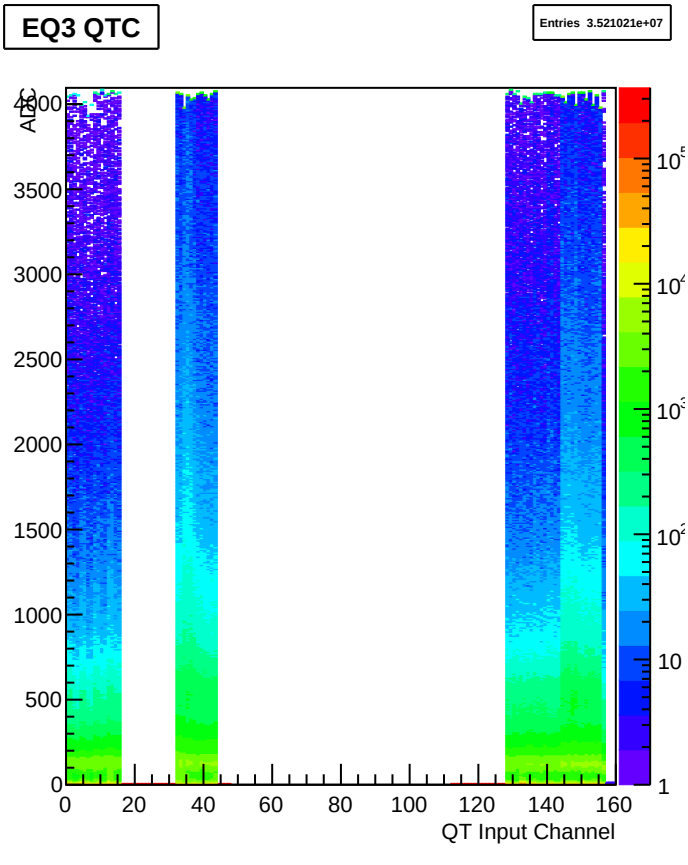

EQ2 QTB
Entries 3.574956e+07
TDC
QT Input Channel

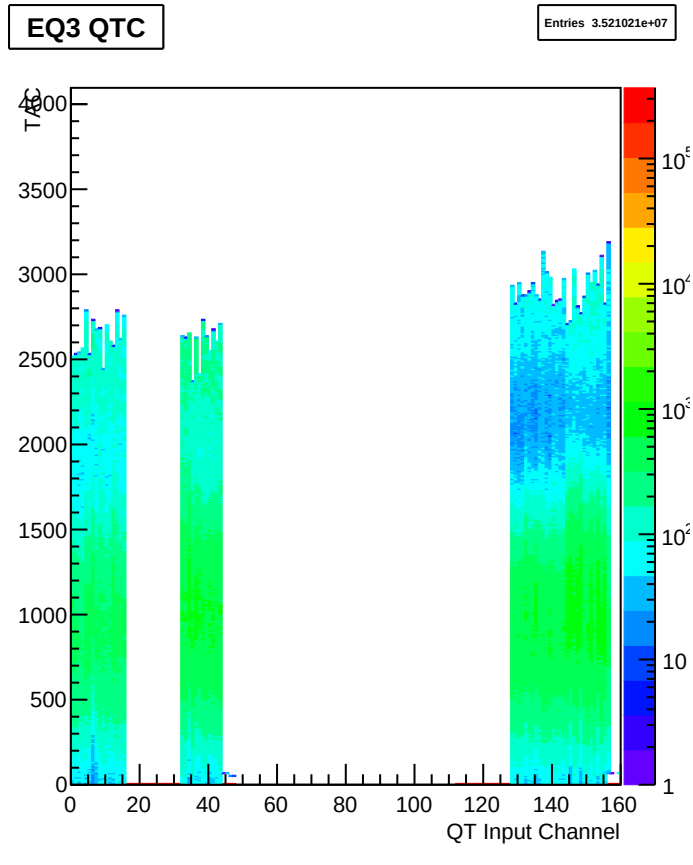

EQ2 QTC
Entries 3.521021e+07
ADC
QT Input Channel

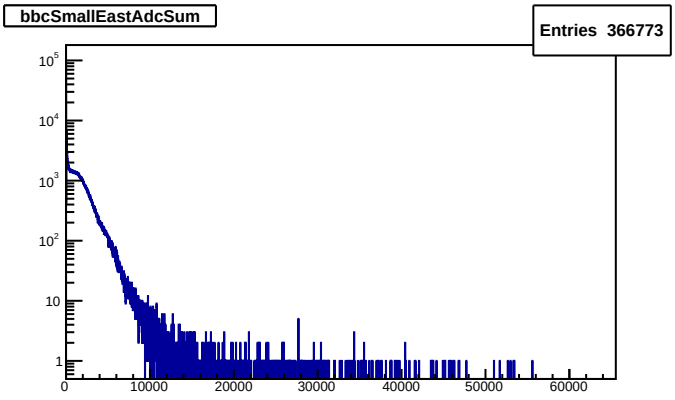

EQ2 QTC
Entries 3.521021e+07
TADC
QT Input Channel

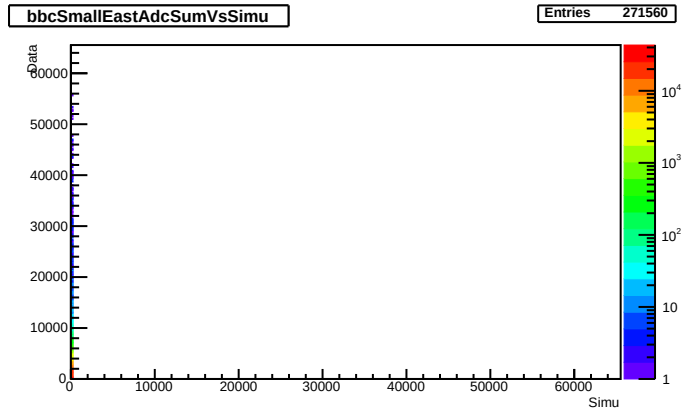

EQ3 QTB
Entries 9.389389e+07
ADC
QT Input Channel

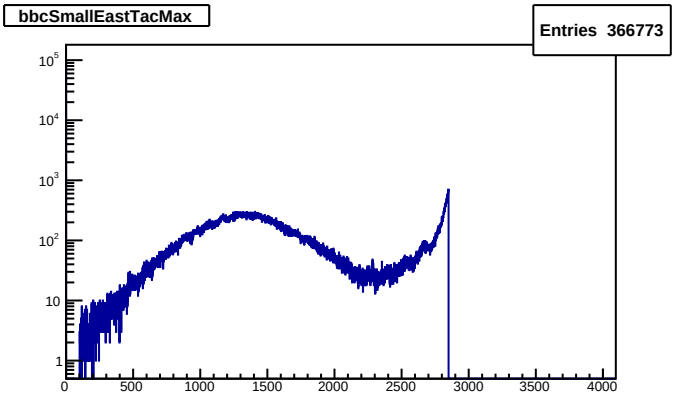

EQ3 QTB
Entries 2.903495e+07
TDC
QT Input Channel

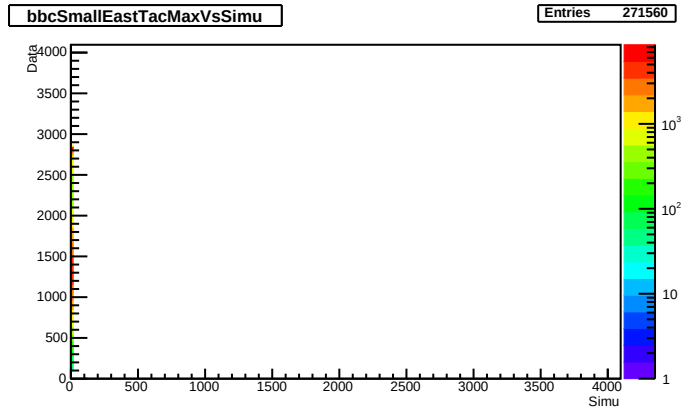

EQ3 QTC
Entries 3.521021e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.521021e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 366773


bbcSmallEastAdcSumVsSimu
Entries 271560
Data
Simu


bbcSmallEastTacMax
Entries 366773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Entries 271560
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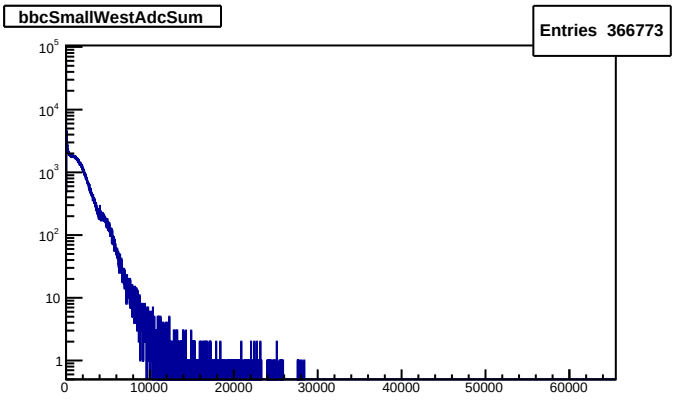
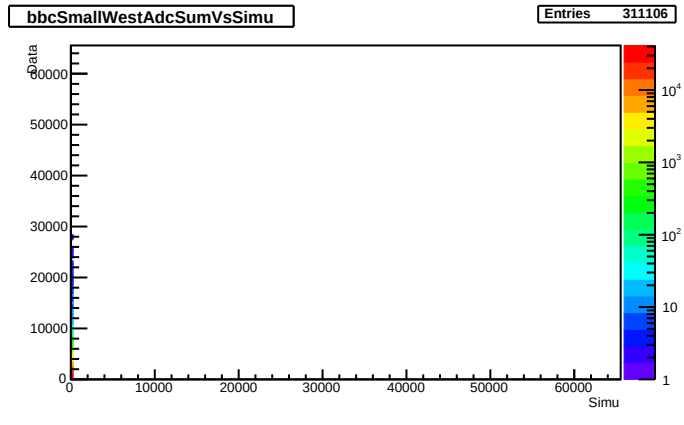
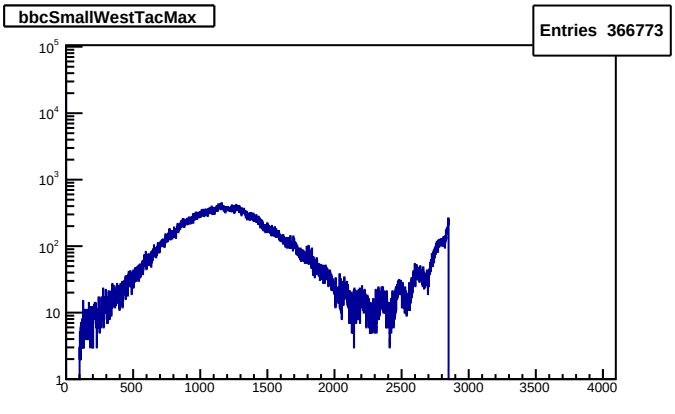

bbcSmallWestAdcSum
Entries 366773


bbcSmallWestAdcSumVsSimu
Entries 311106
Data
Simu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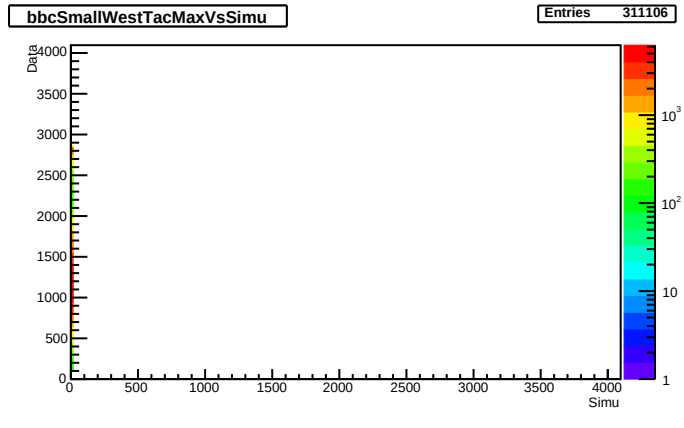
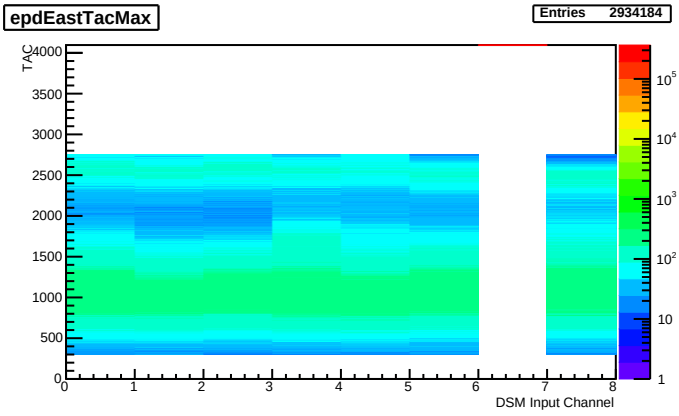
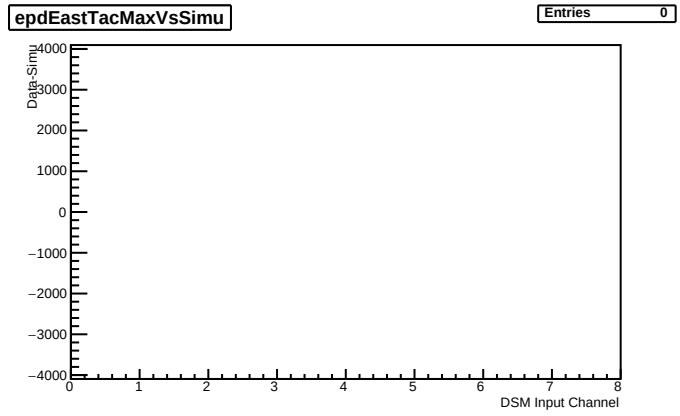
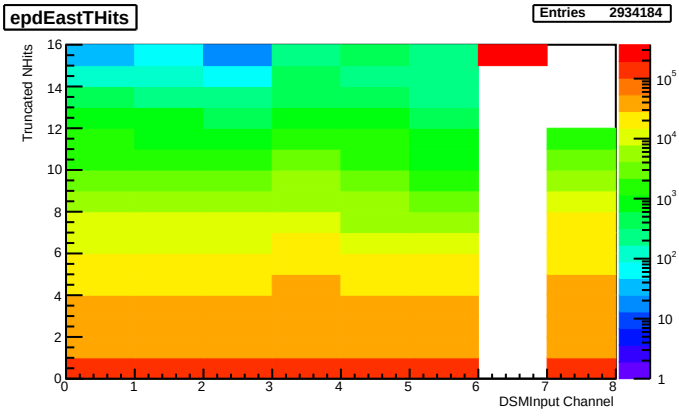
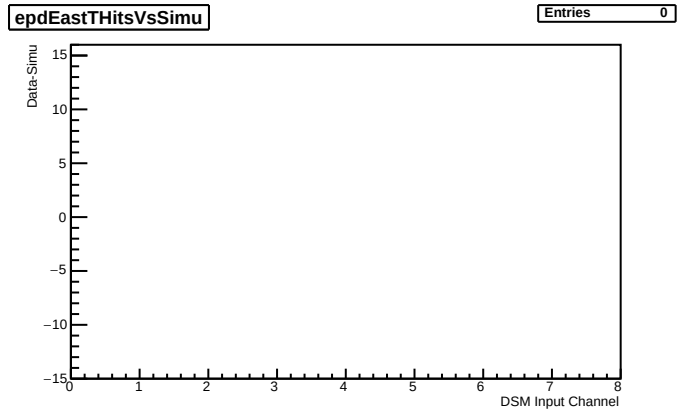
Entries 366773


bbcSmallWestTacMaxVsSimu
Entries 311106
Data
Simu


epdEastTacMax
Entries 2934184
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2934184
Truncated NHits
DSMInput Channel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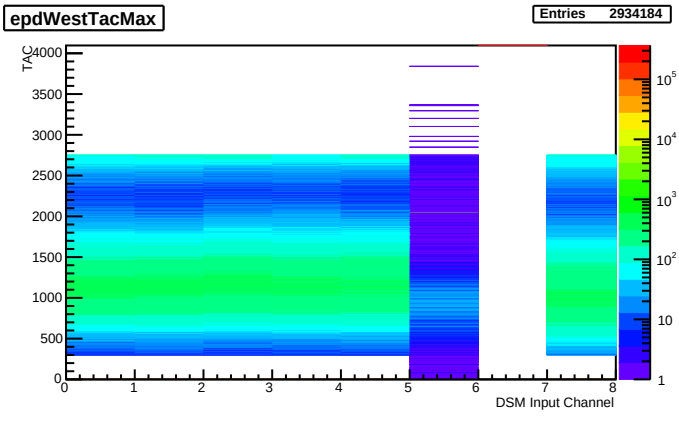
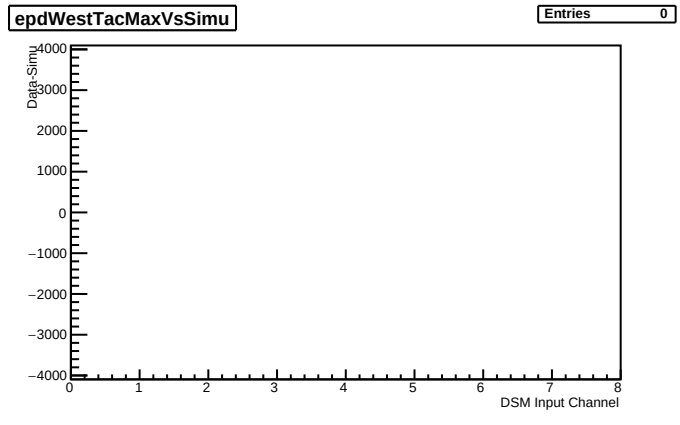
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2934184
TAC
DSM Input Channel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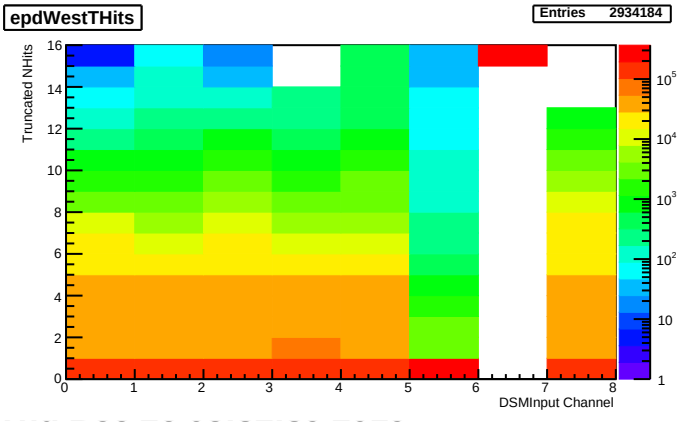
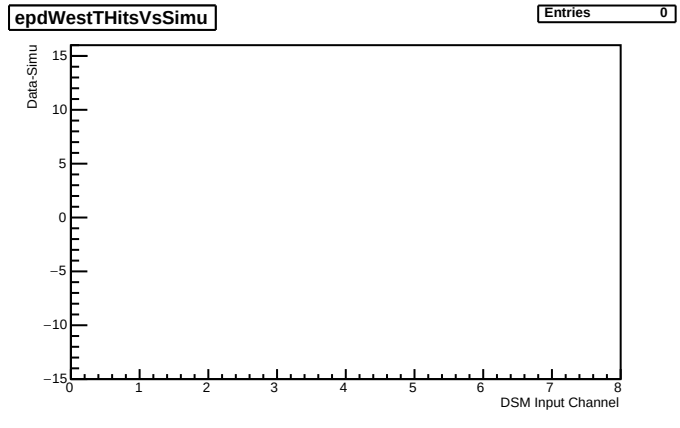
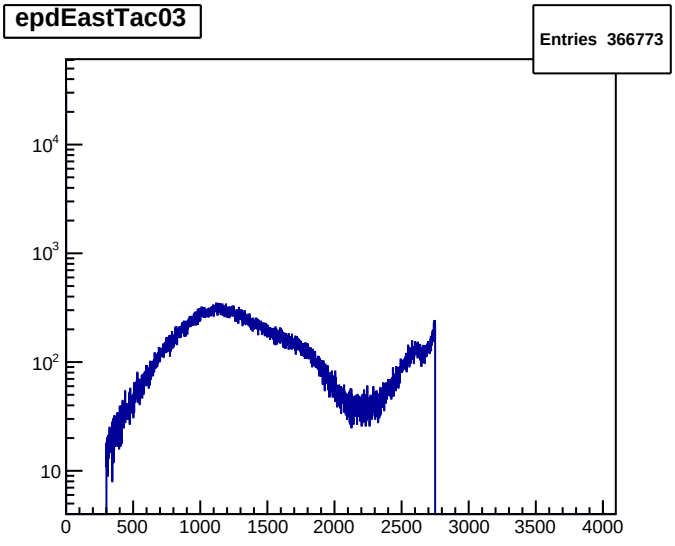
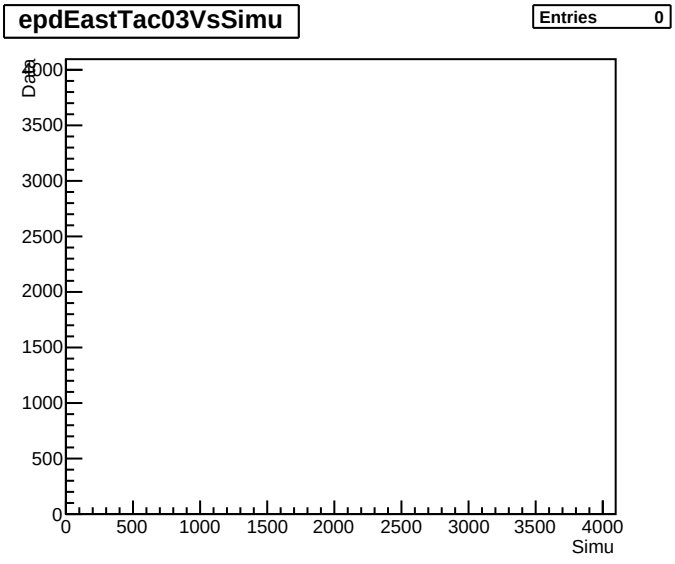
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2934184
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 366773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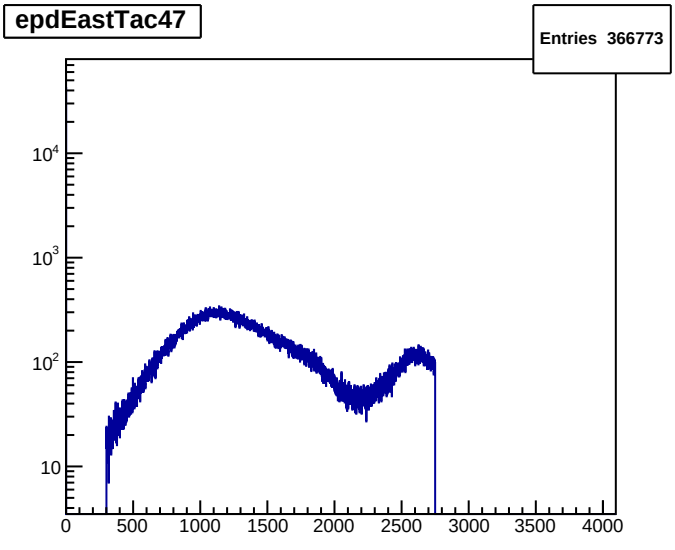
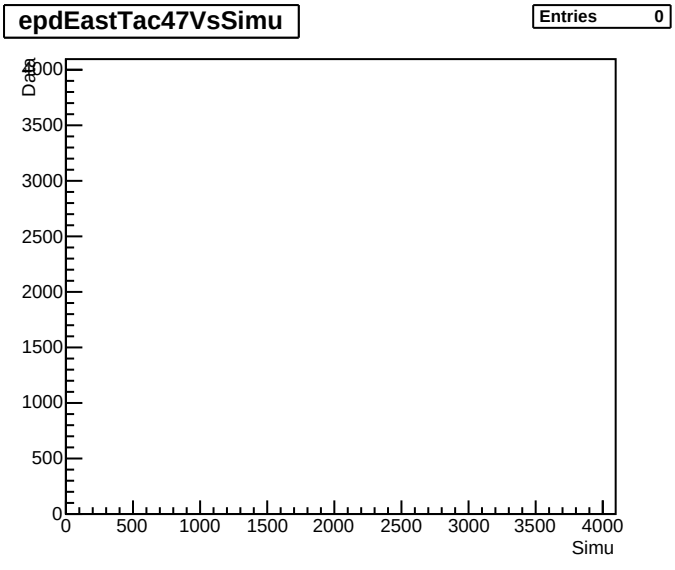
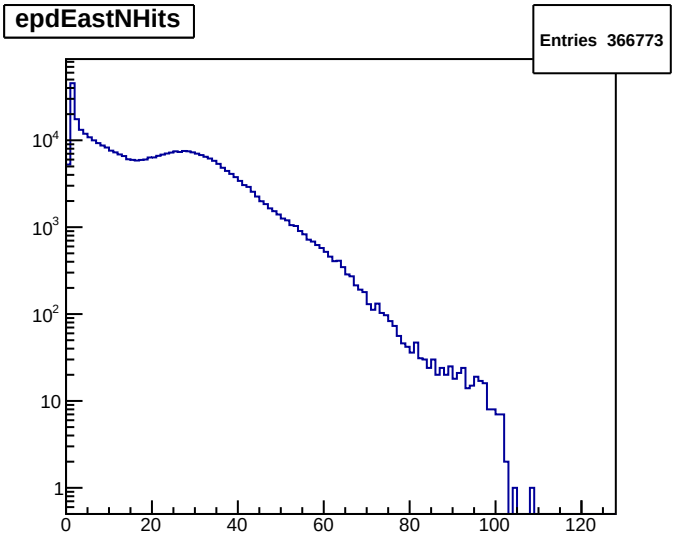
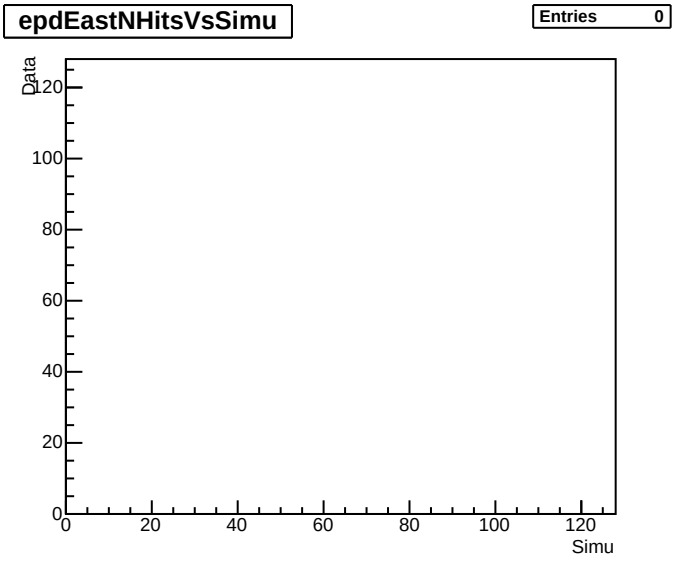
Entries 0
Data
Simu


epdEastTac47
Entries 366773


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 366773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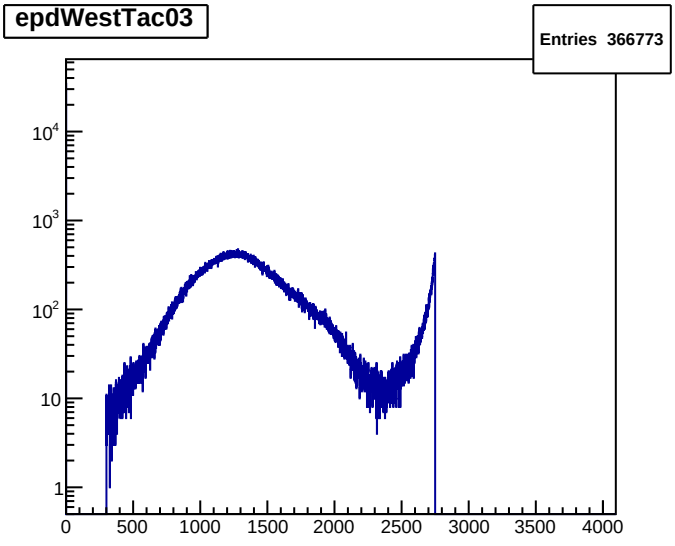
Entries 0
Data
Simu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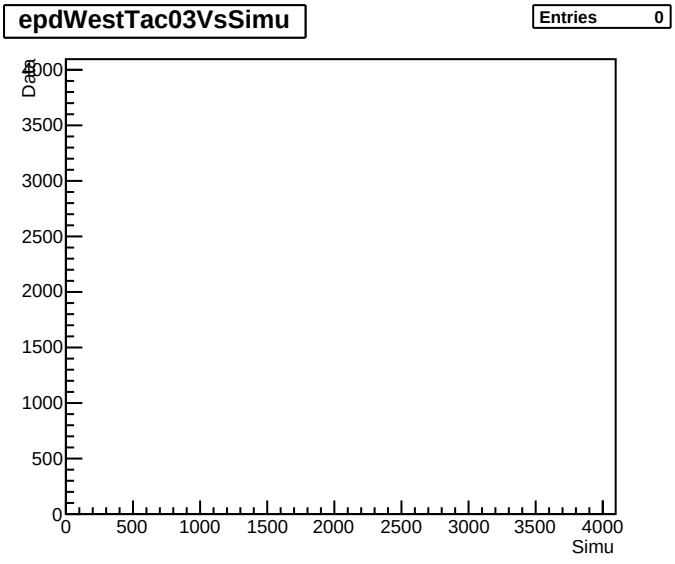
Entries 366773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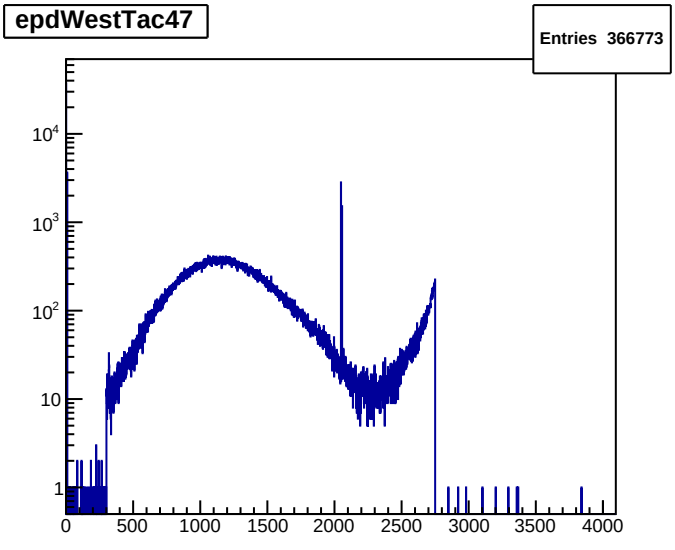
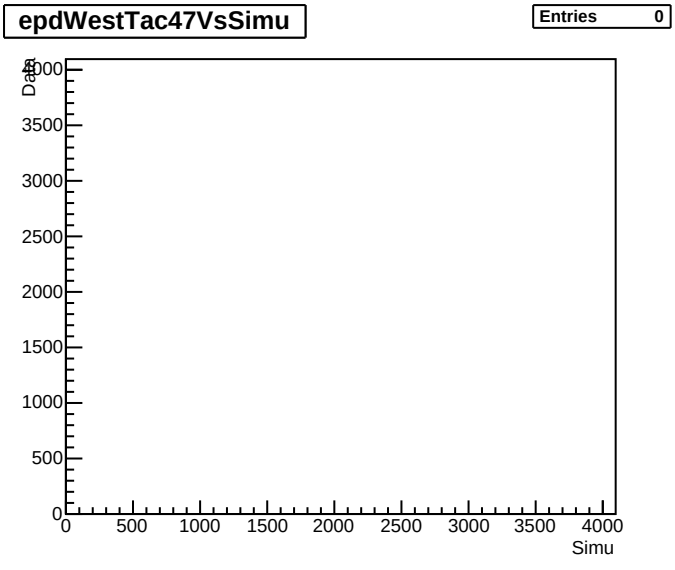
Entries 0
Data
Simu


epdWestTac47
Entries 366773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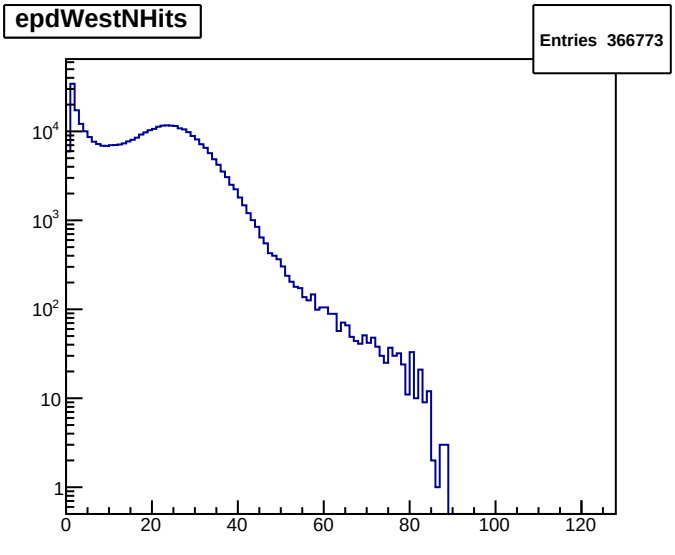
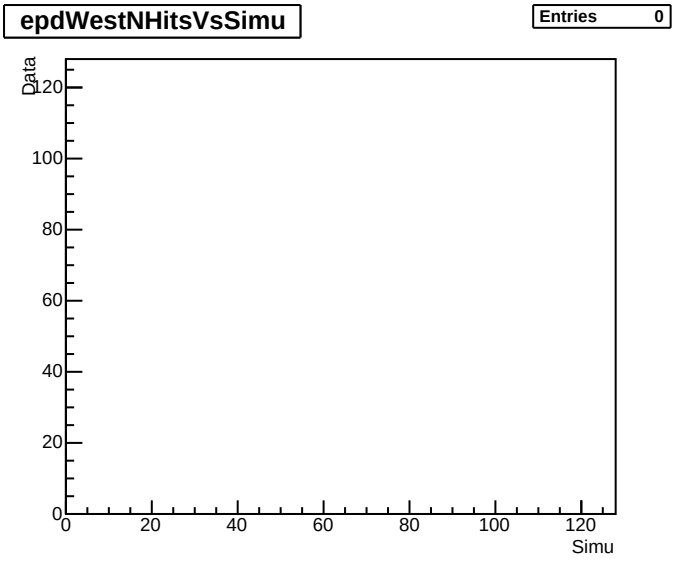
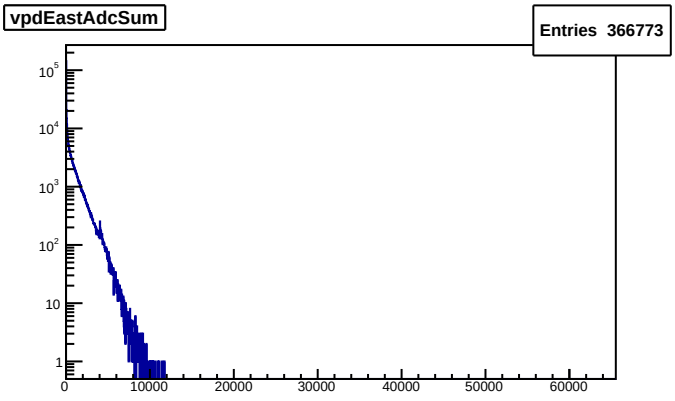
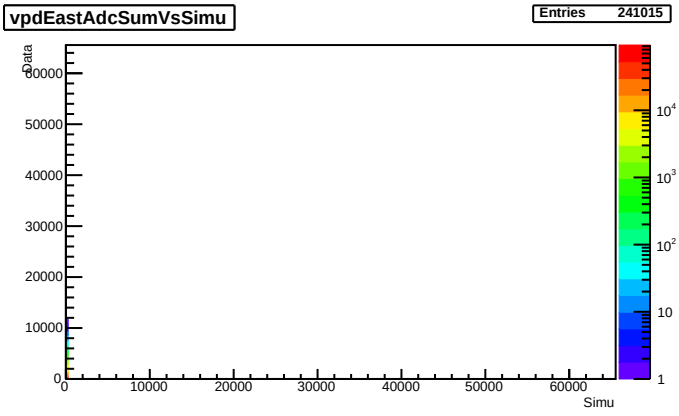
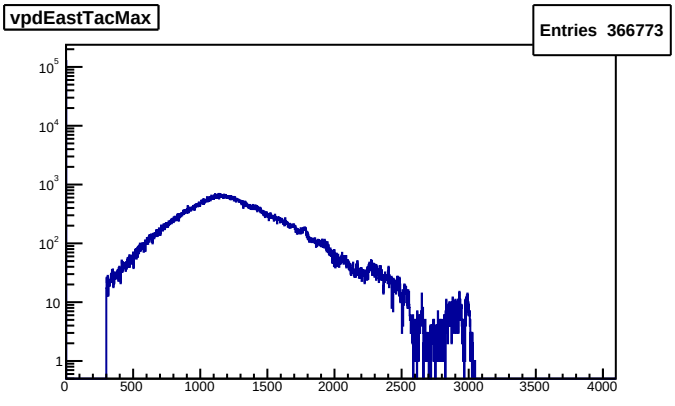
Entries 0
Data
Simu

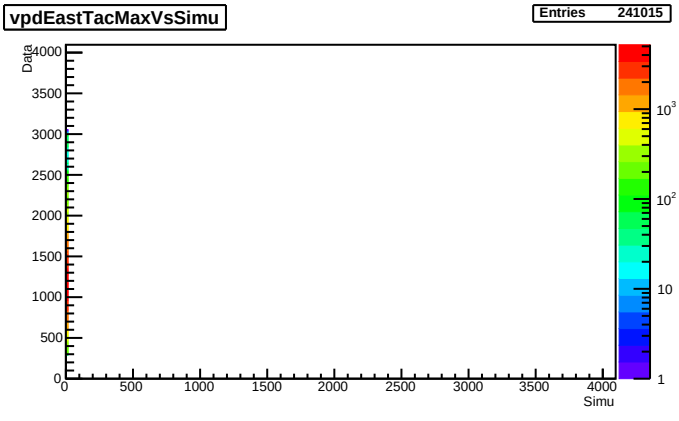

epdWestNHits
Entries 366773

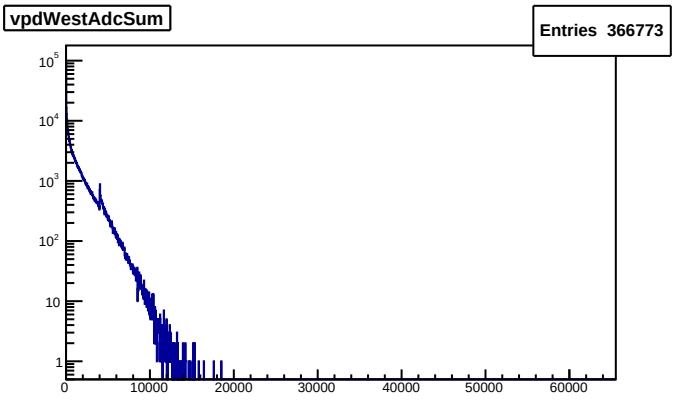

epdWestNHitsVsSimu
Entries 0
Data
Simu

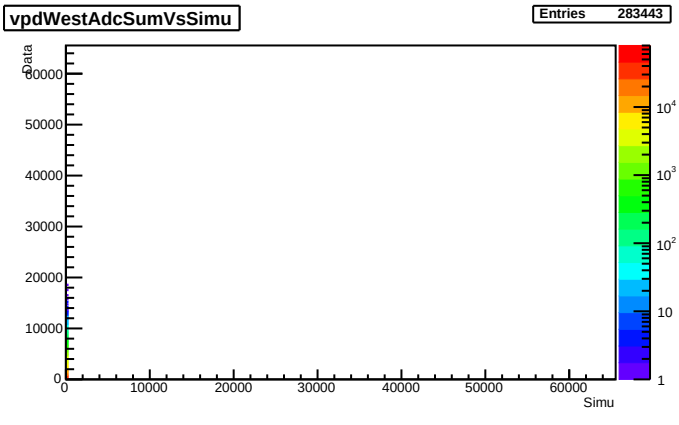

vpdEastAdcSum
Entries 366773

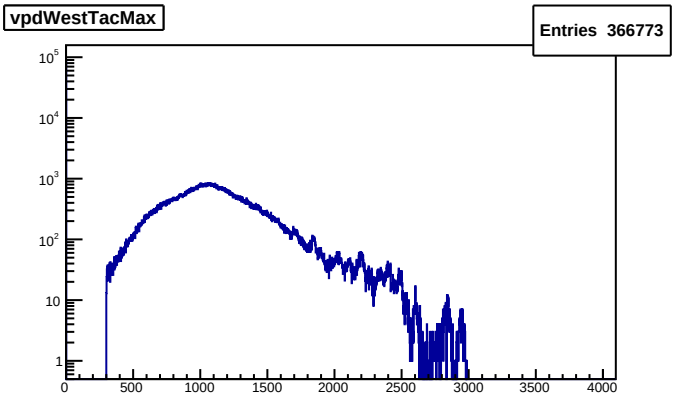

vpdEastAdcSumVsSimu
Entries 241015
Data
Simu

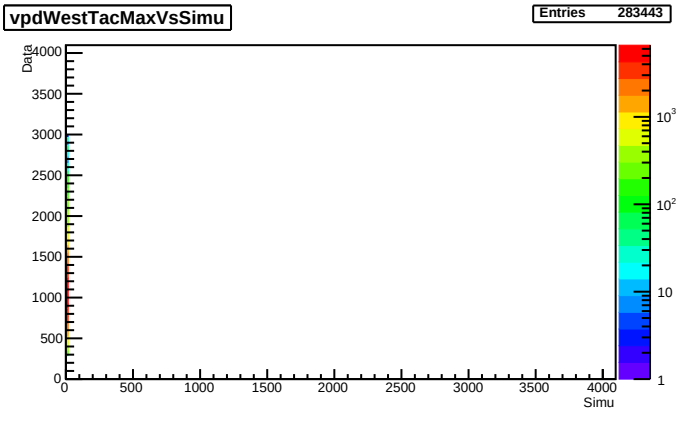

vpdEastTacMax
Entries 366773

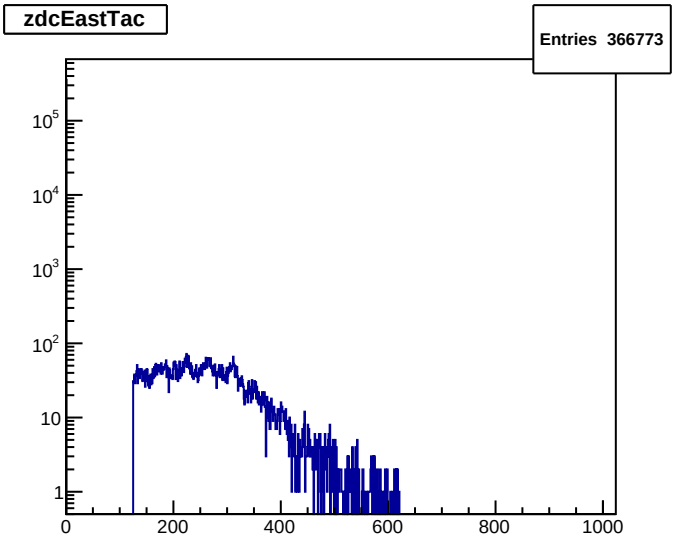

vpdEastTacMaxVsSimu
Entries 241015
Data
Simu

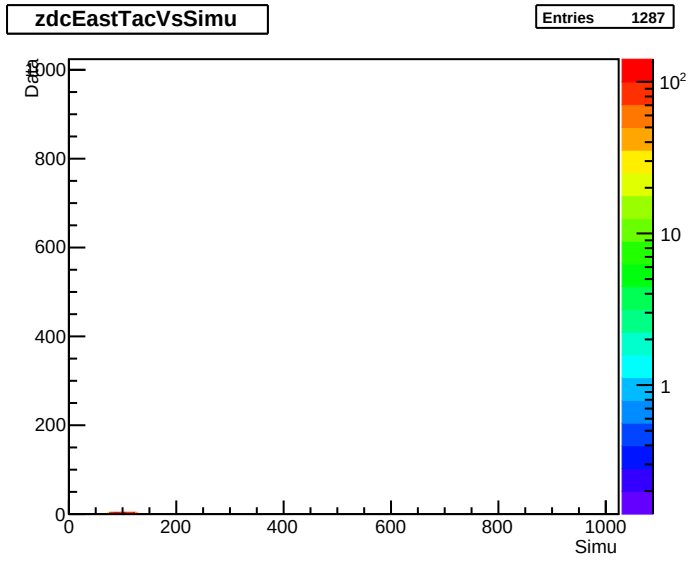

vpdWestAdcSum
Entries 366773

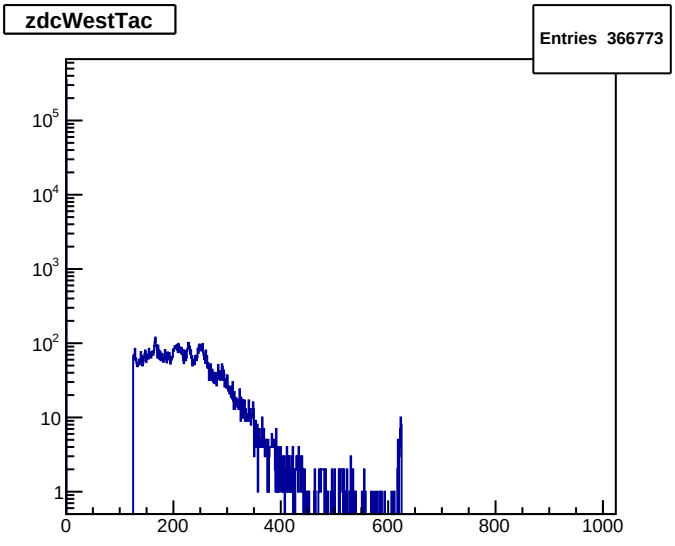

vpdWestAdcSumVsSimu
Entries 283443
Data
Simu

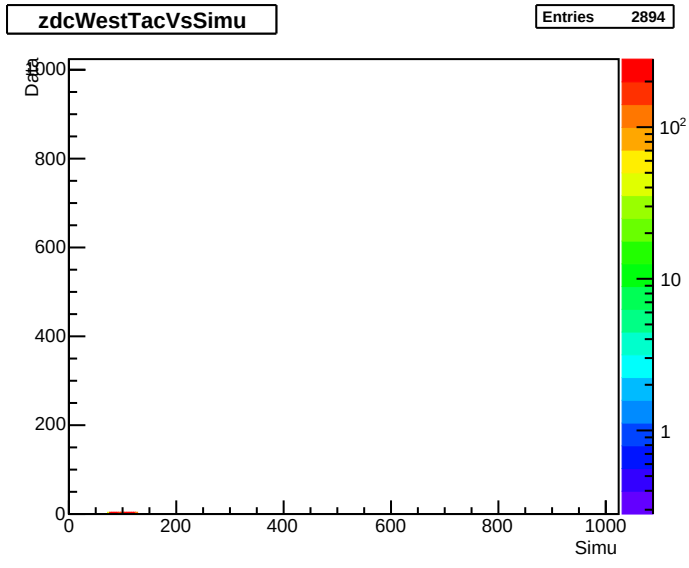

vpdWestTacMax
Entries 366773

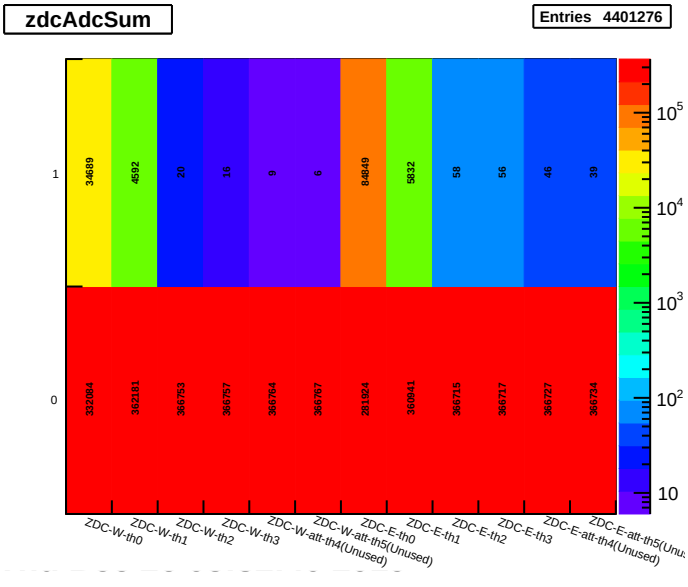

vpdWestTacMaxVsSimu
Entries 283443
Data
Simu

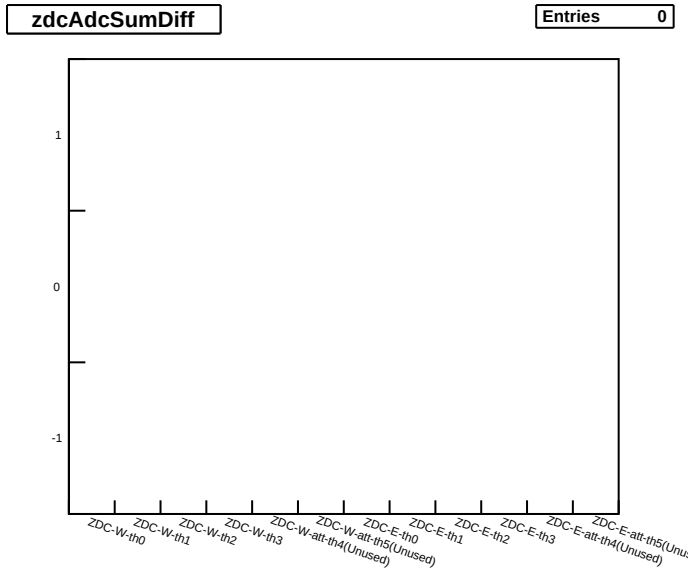

zdcEastTac
Entries 366773

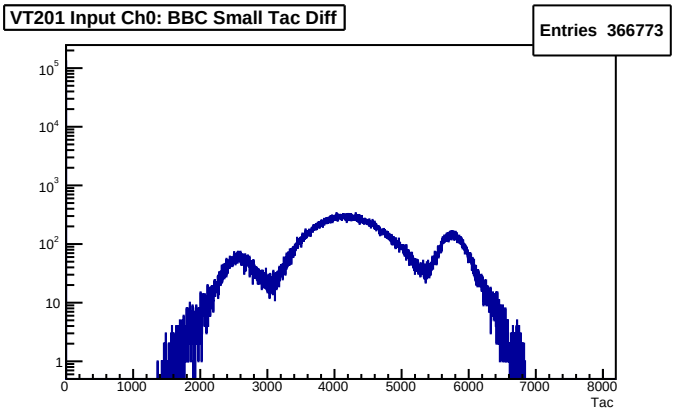

zdcEastTacVsSimu
Entries 1287
Data
Simu

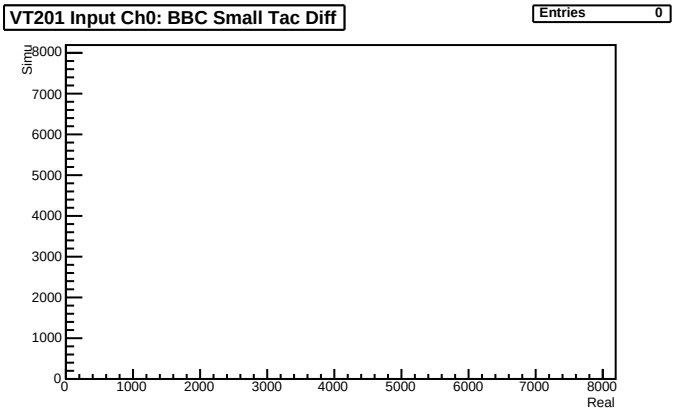

zdcWestTac
Entries 366773

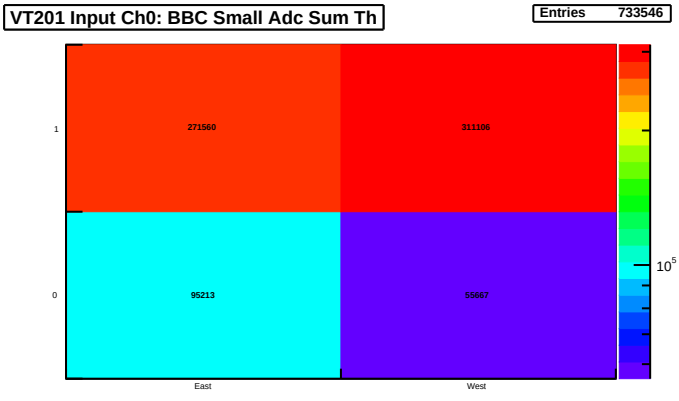

zdcWestTacVsSimu
Entries 2894
Data
Simu

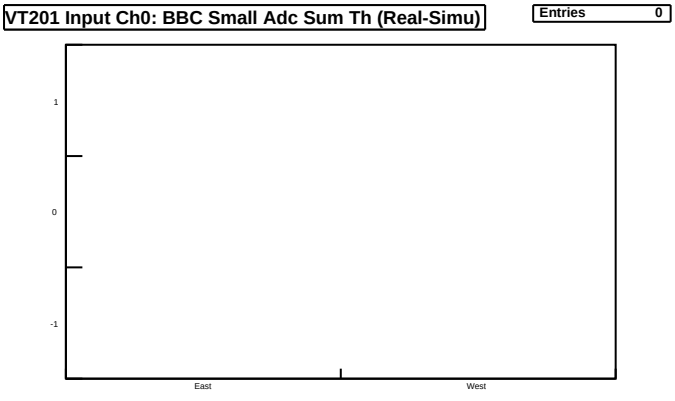

zdcAdcSum
Entries 4401276
34689
4592
20
16
9
6
84849
5832
58
56
46
39
332084
362181
366753
366757
366764
366767
281924
360941
366715
366717
366727
366734
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

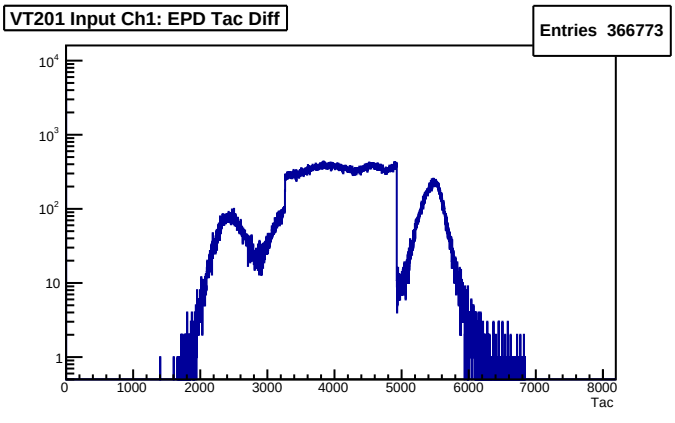

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

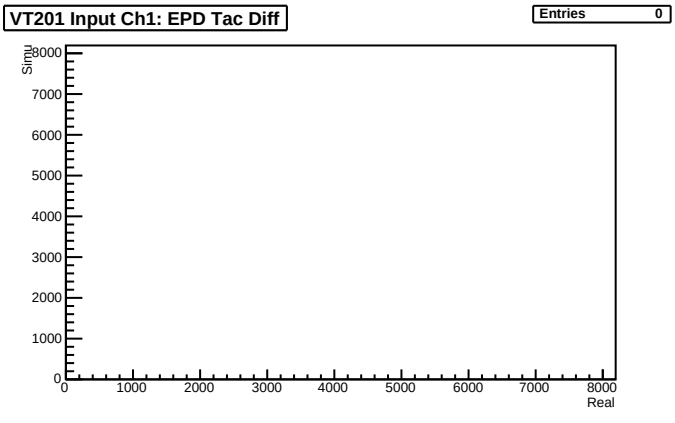

VT201 Input Ch0: BBC Small Tac Diff
Entries 366773
Tac

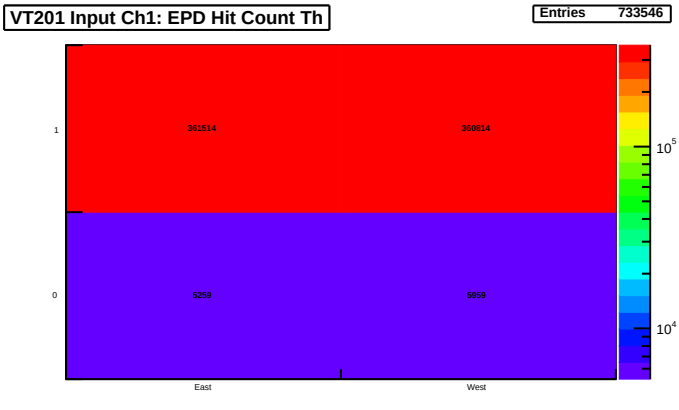

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

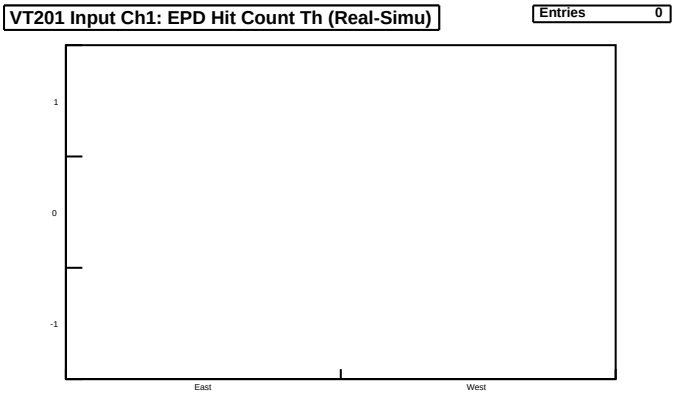

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 733546
271560
311106
95213
55667
East
West

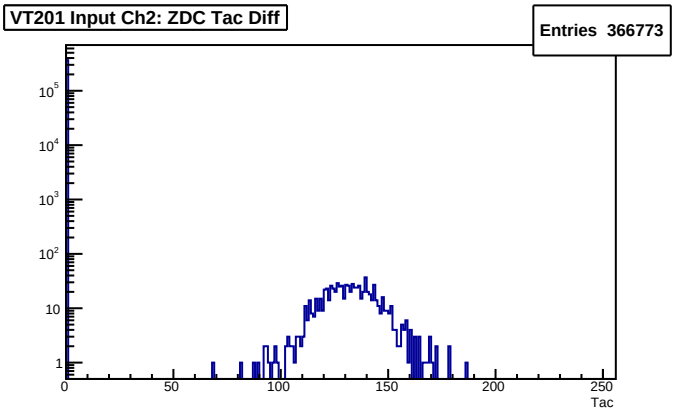

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

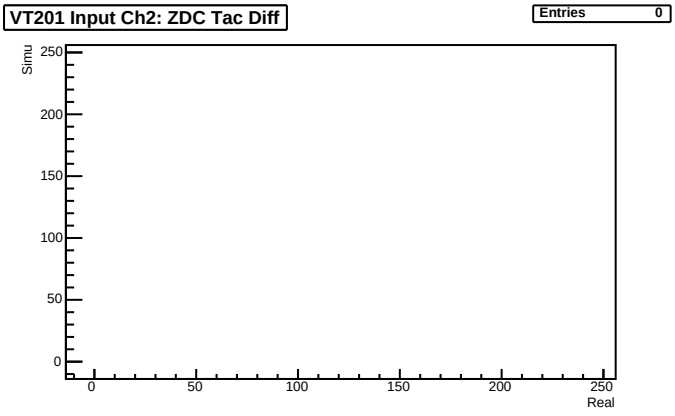

VT201 Input Ch1: EPD Tac Diff
Entries 366773
Tac

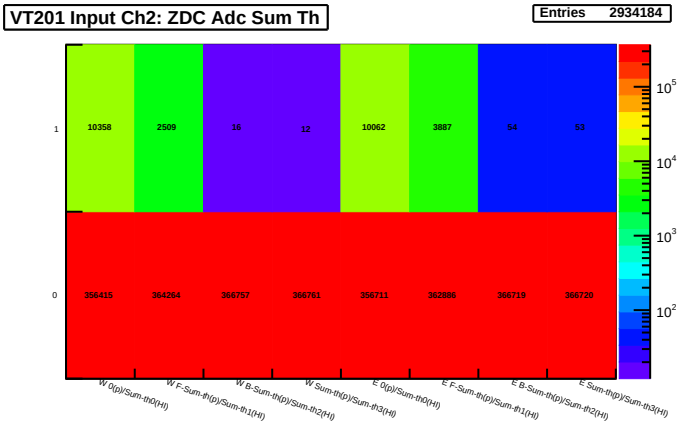

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

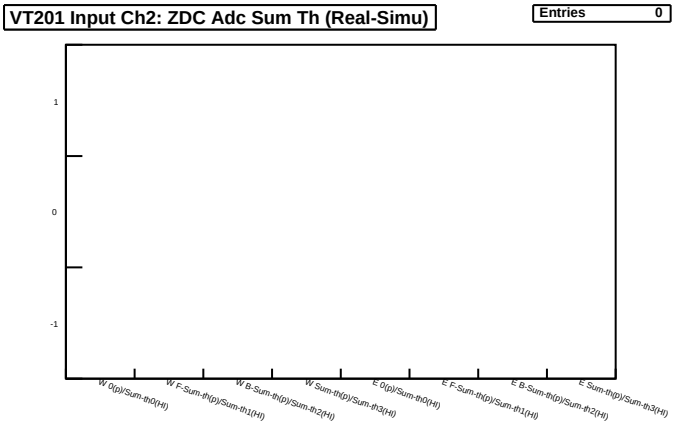

VT201 Input Ch1: EPD Hit Count Th
Entries 733546
361514
360814
5259
5959
East
West

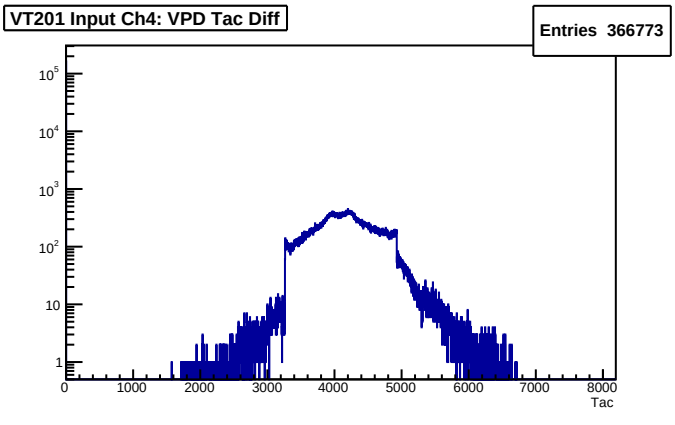

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

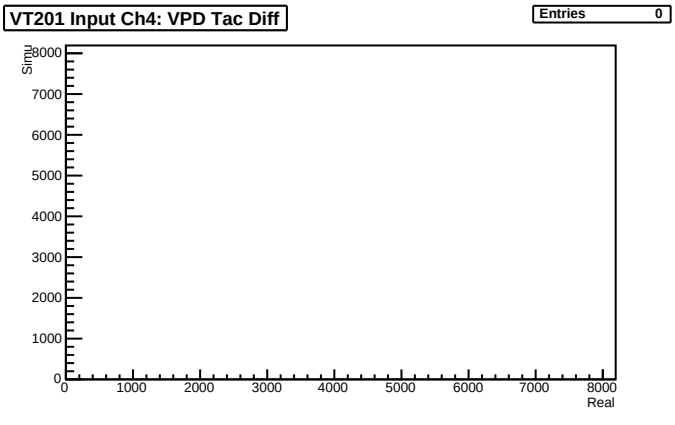

VT201 Input Ch2: ZDC Tac Diff
Entries 366773
Tac

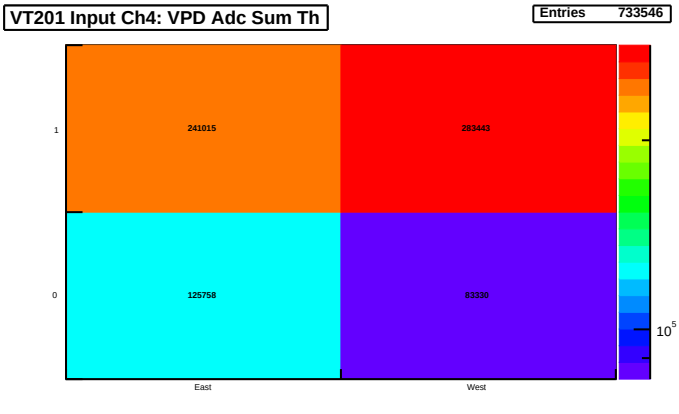

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

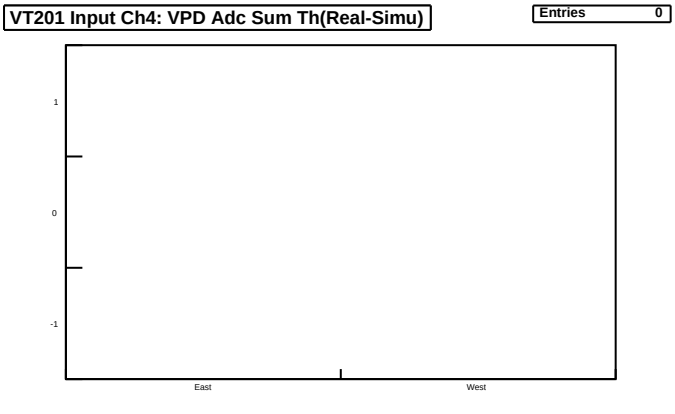

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2934184
10358
2509
16
12
10062
3887
54
53
356415
364264
366757
366761
356711
362886
366719
366720
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

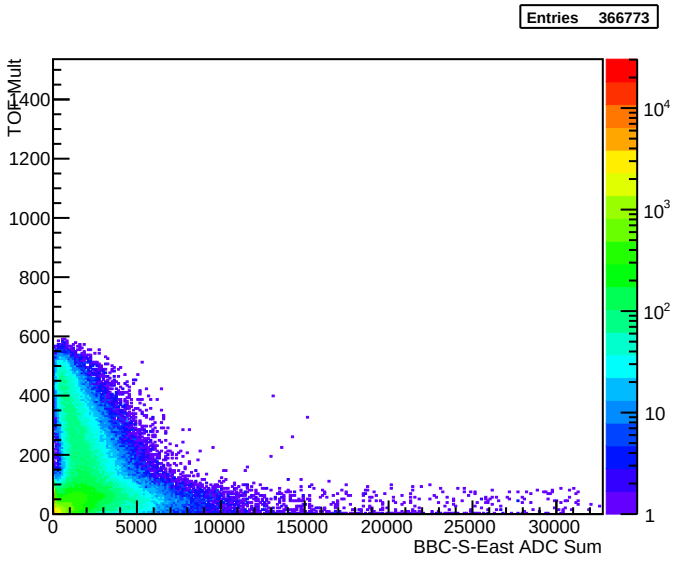

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

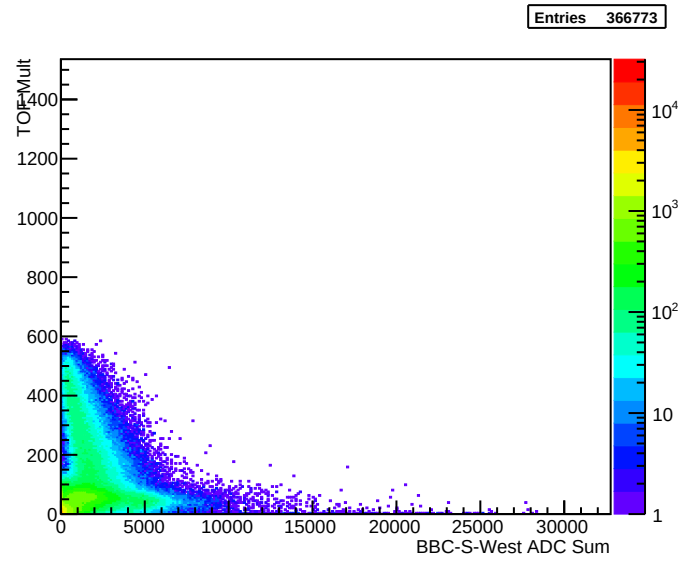

VT201 Input Ch4: VPD Tac Diff
Entries 366773
Tac

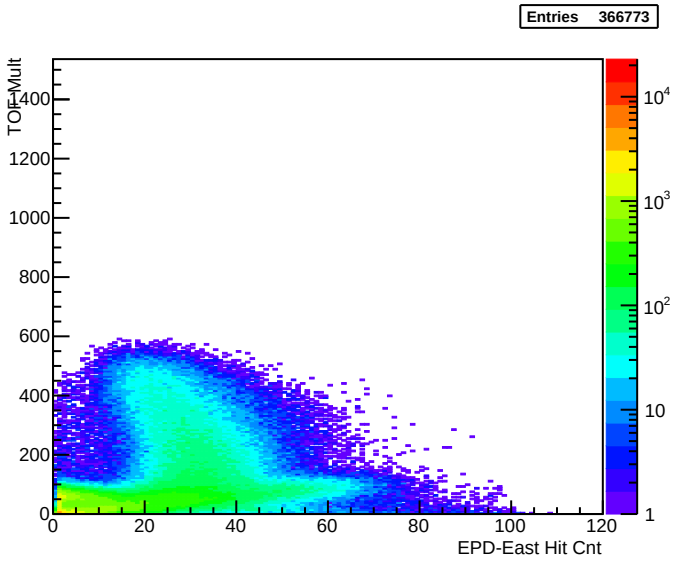

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

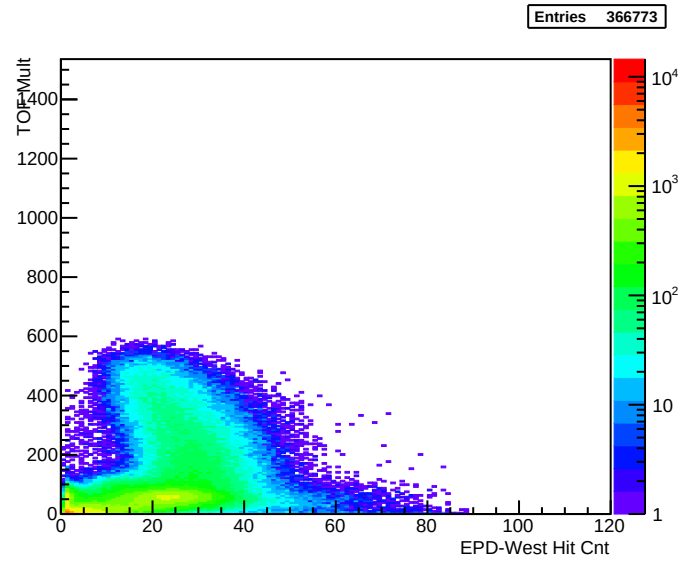

VT201 Input Ch4: VPD Adc Sum Th
Entries 733546
241015
283443
125758
83330
East
West

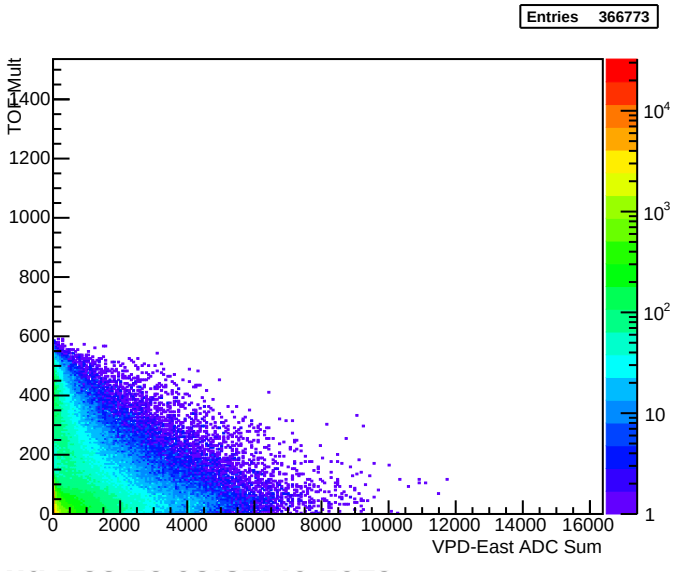

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

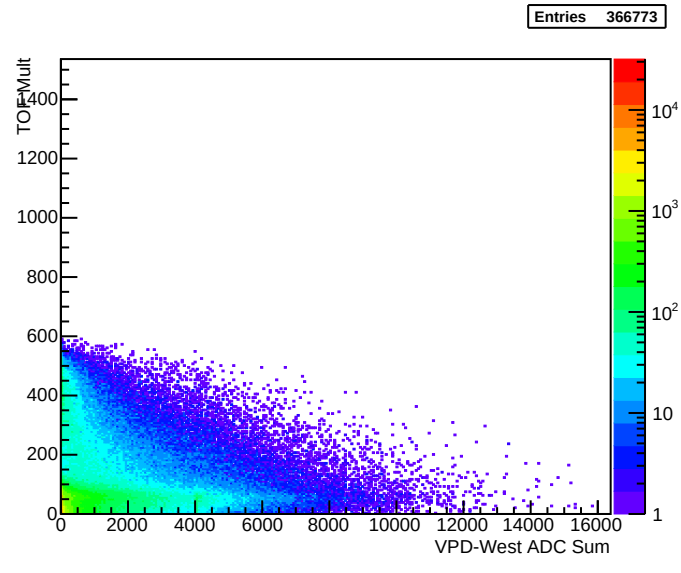

Entries 366773
TOF-Mult
BBC-S-East ADC Sum

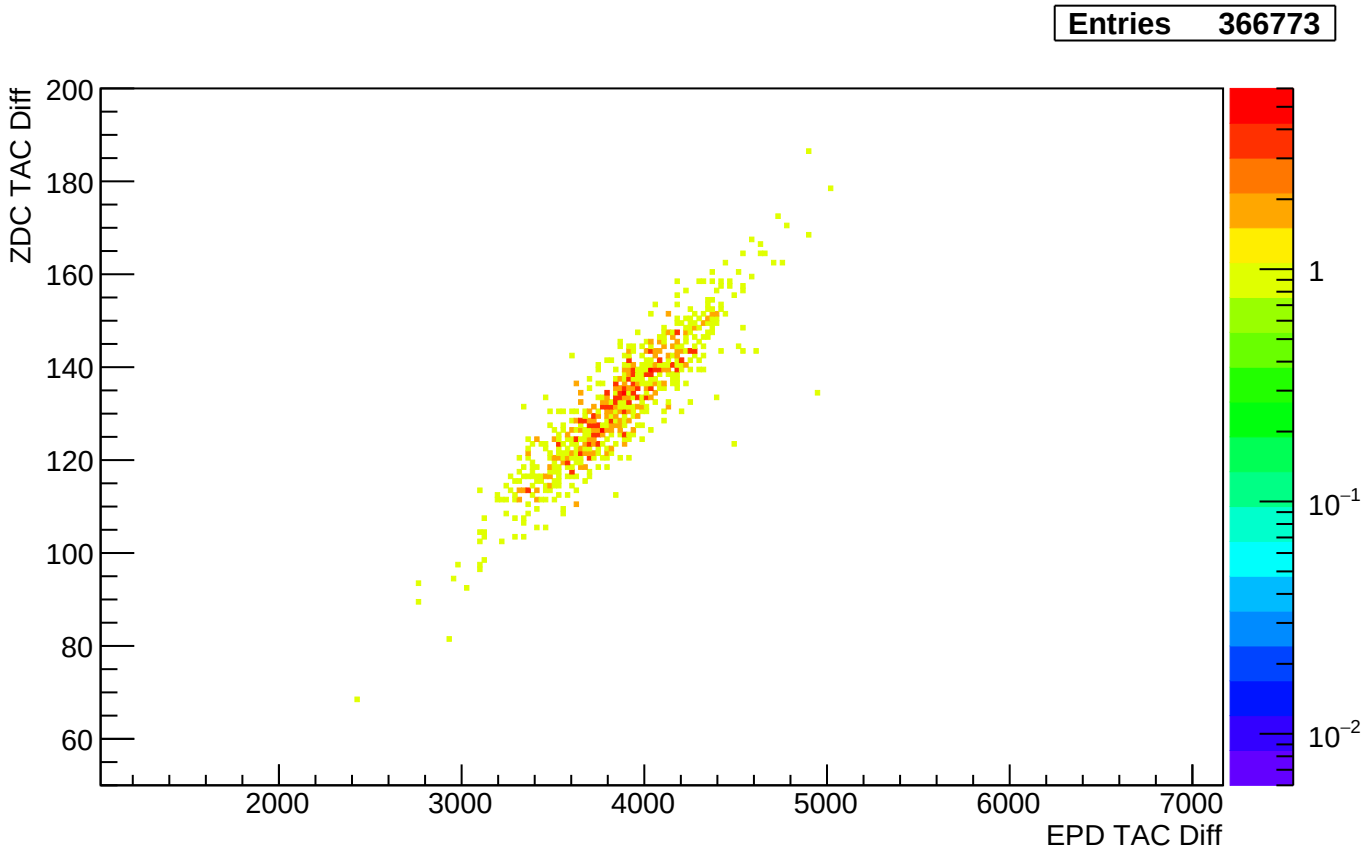

Entries 366773
TOF-Mult
BBC-S-West ADC Sum

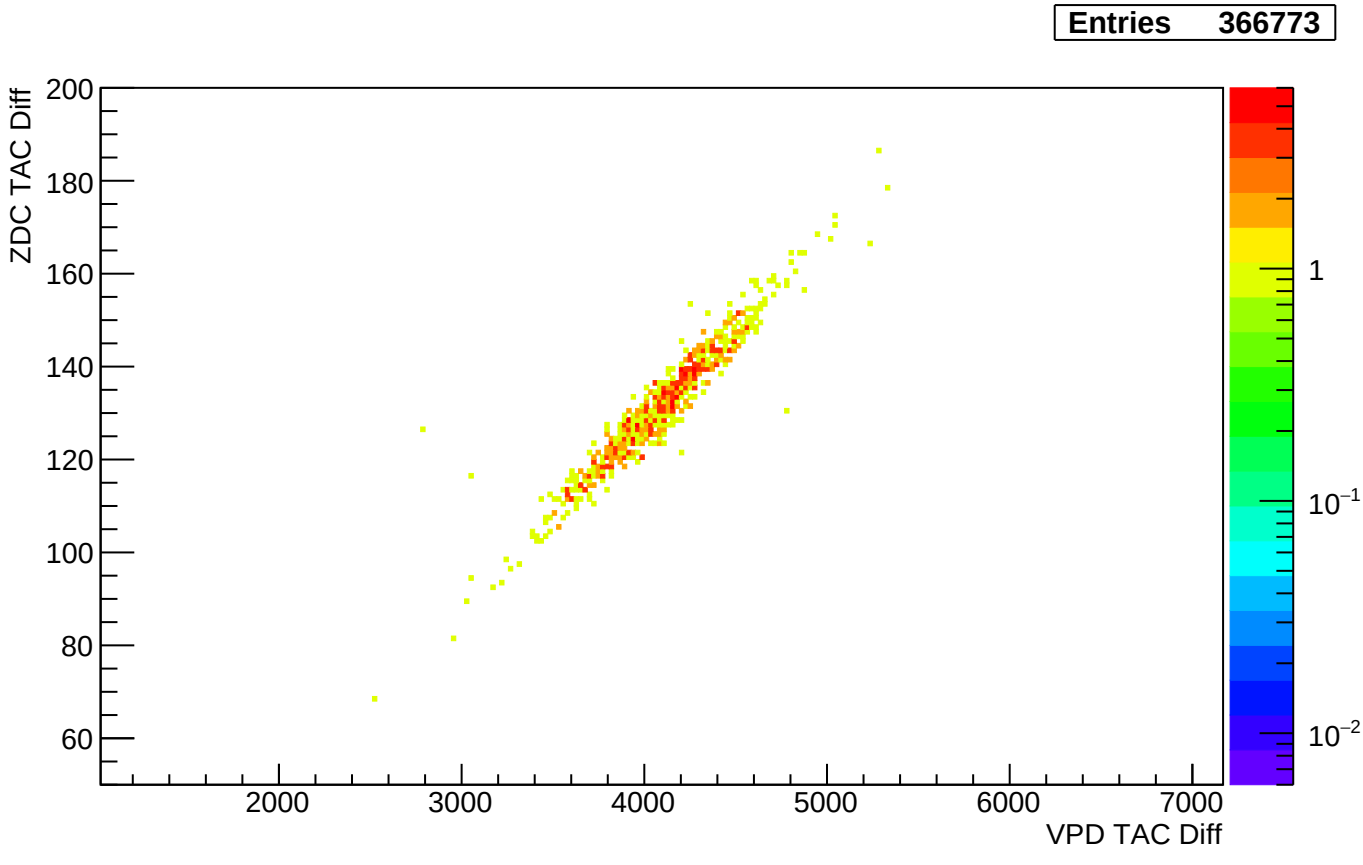

Entries 366773
TOF-Mult
EPD-East Hit Cnt

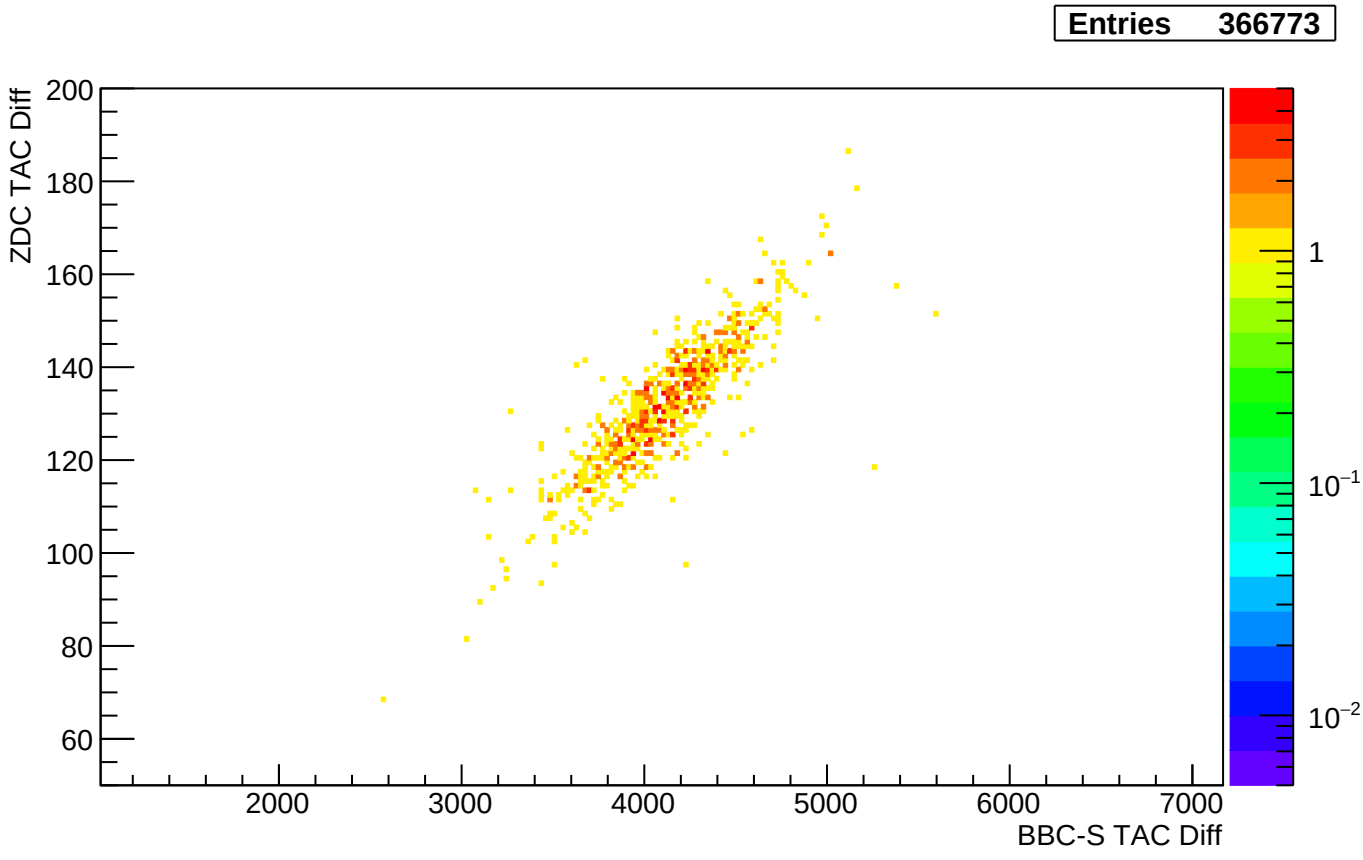

Entries 366773
TOF-Mult
EPD-West Hit Cnt

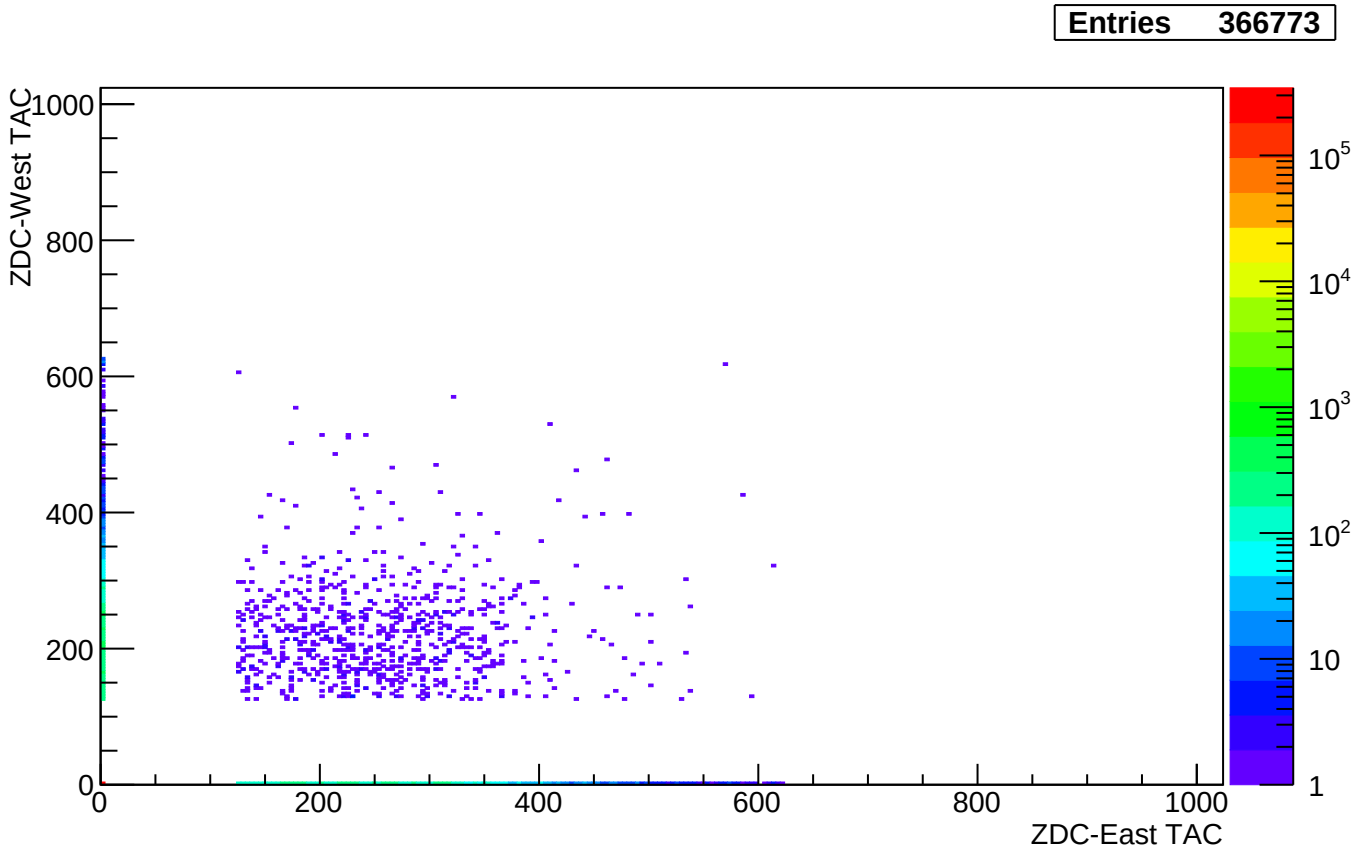

Entries 366773
TOF-Mult
VPD-East ADC Sum

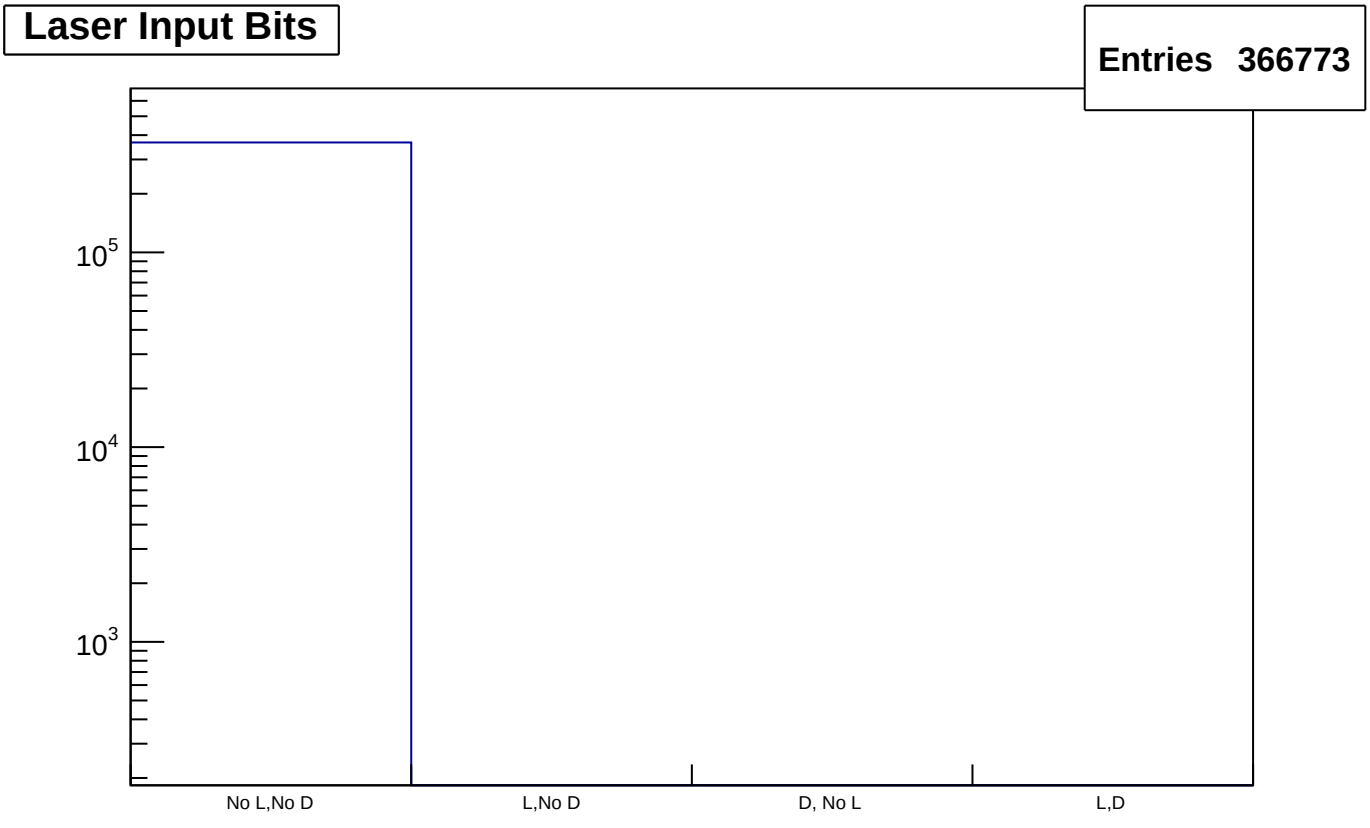

Entries 366773
TOF-Mult
VPD-West ADC Sum

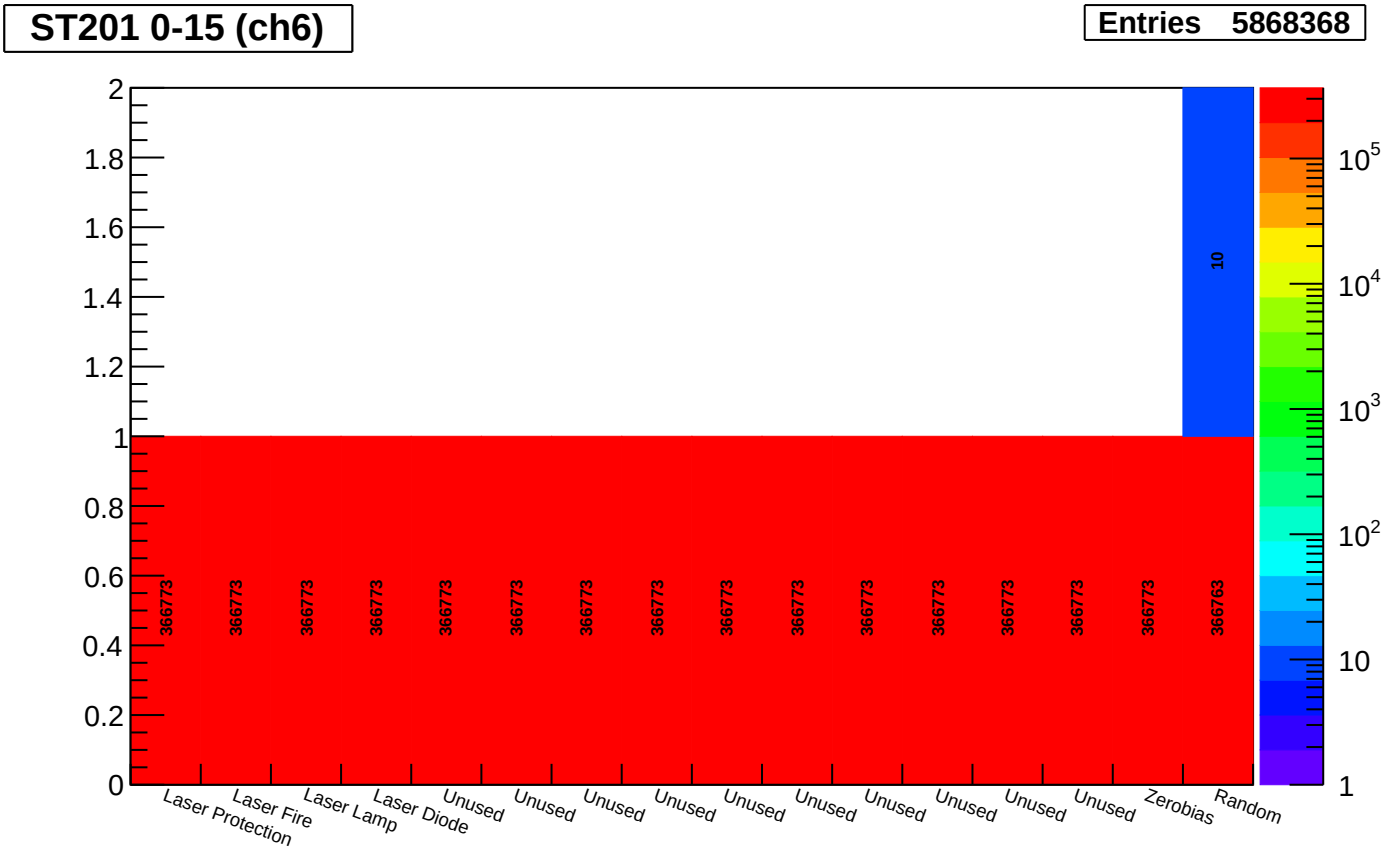

Entries 366773
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

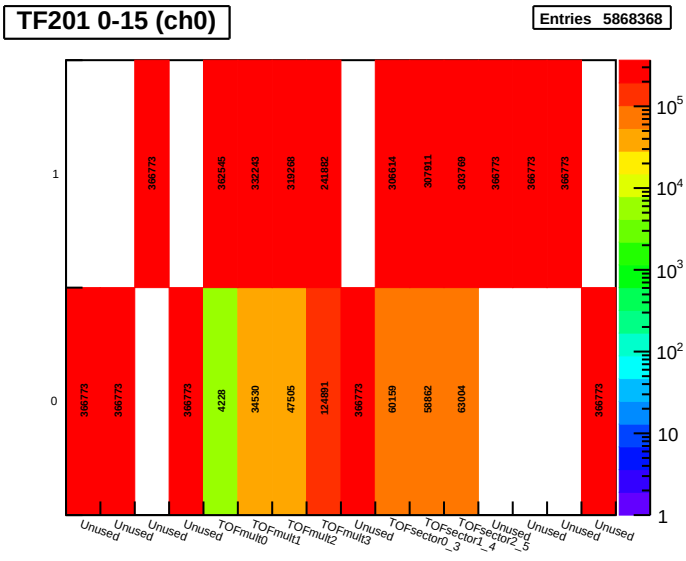

Entries 366773
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

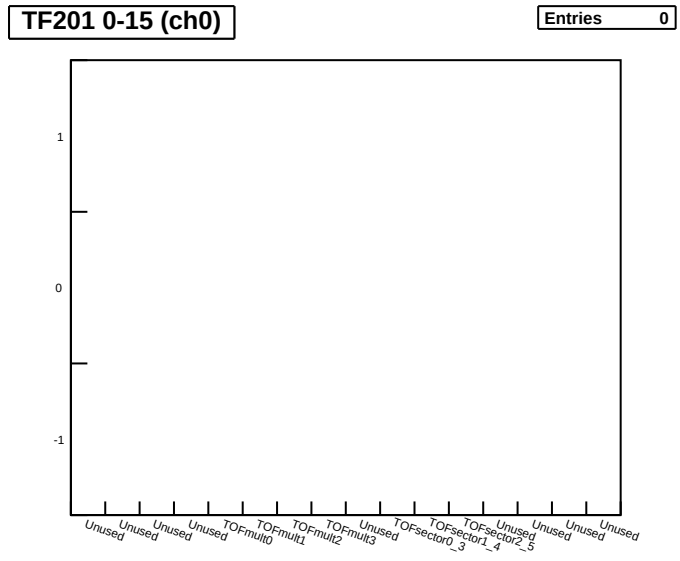

Entries 366773
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

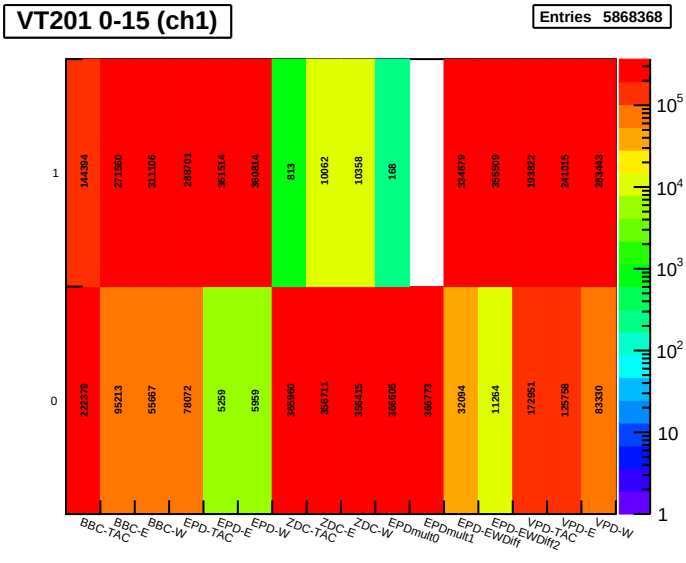

Entries 366773
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

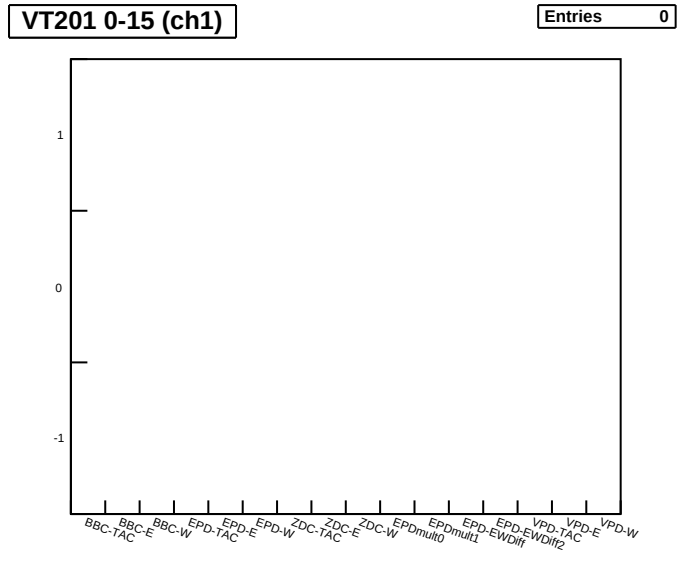

Laser Input Bits
Entries 366773
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

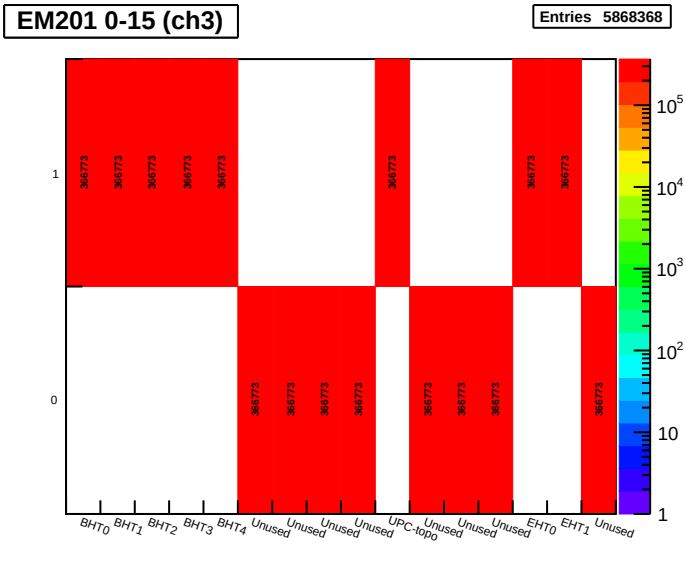

ST201 0-15 (ch6)
Entries 5868368
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
366773
366773
366773
366773
366773
366773
366773
366773
366773
366773
366773
366773
366773
366773
366763
10
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

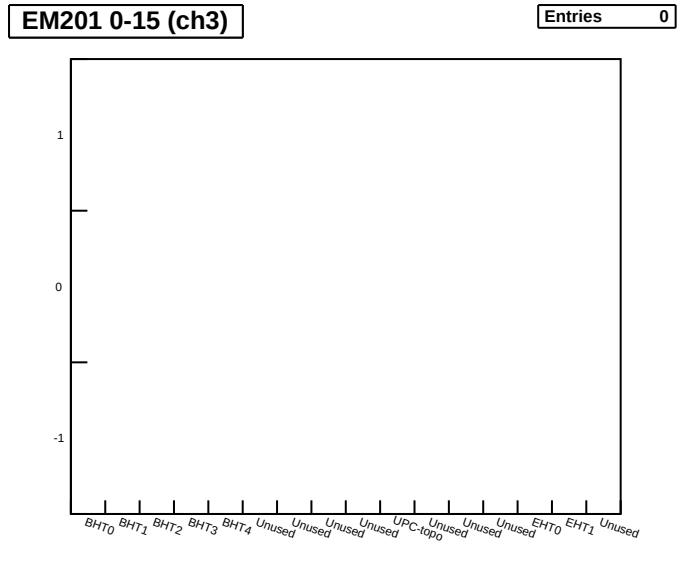

TF201 0-15 (ch0)
Entries 5868368
1
0
366773
302545
332243
319268
241882
306614
307911
303769
366773
366773
366773
366773
366773
366773
4228
34530
47505
124891
366773
60199
58862
63004
366773
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
1
10
10^2
10^3
10^4
10^5


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 5868368
1
0
144394
271560
311106
298701
361514
360814
813
10062
10358
168
334679
355509
193822
241015
283443
222379
95213
55667
78072
5259
5959
366960
356711
356415
366605
366773
32094
11264
172951
125758
83330
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
1
10
10^2
10^3
10^4
10^5


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 5868368
1
0
366773
366773
366773
366773
366773
366773
366773
366773
366773
366773
366773
366773
366773
366773
366773
366773
366773
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
1
10
10^2
10^3
10^4
10^5


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