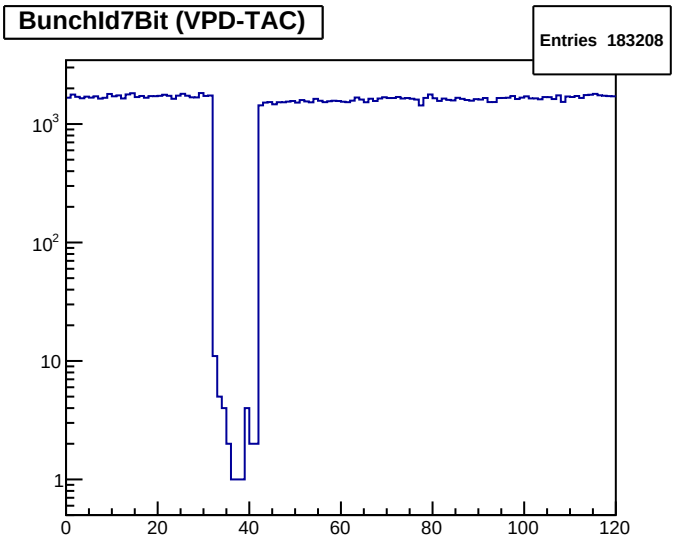
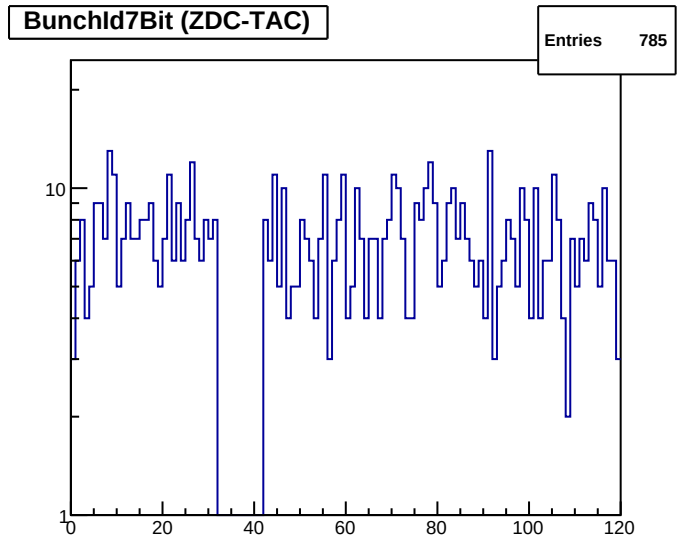
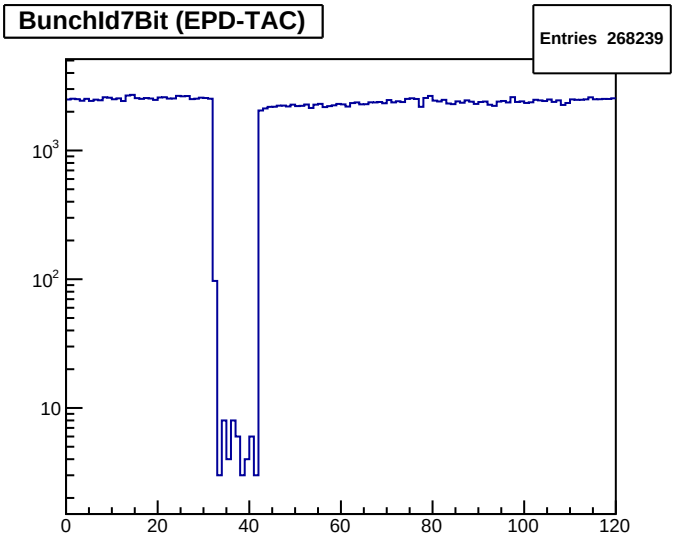
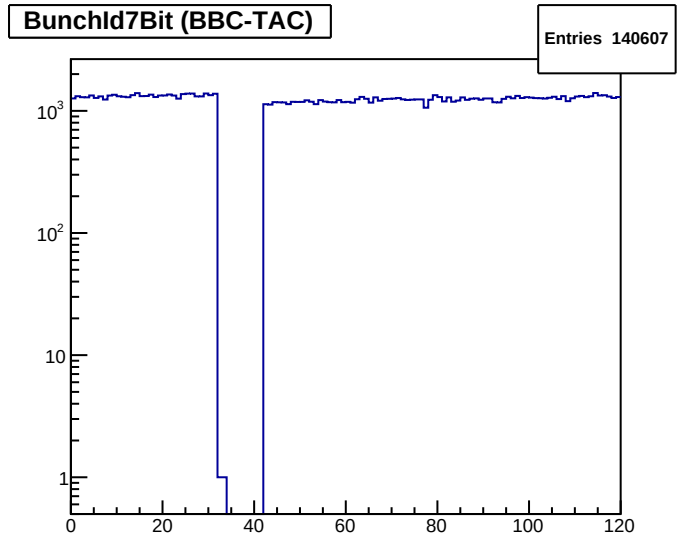
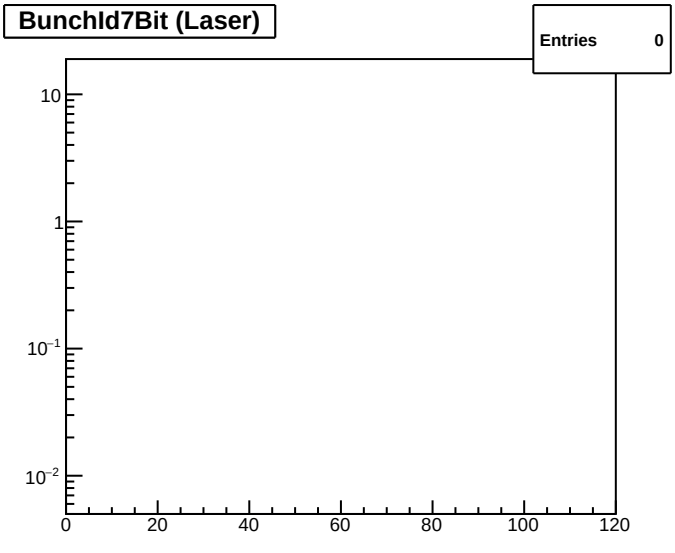
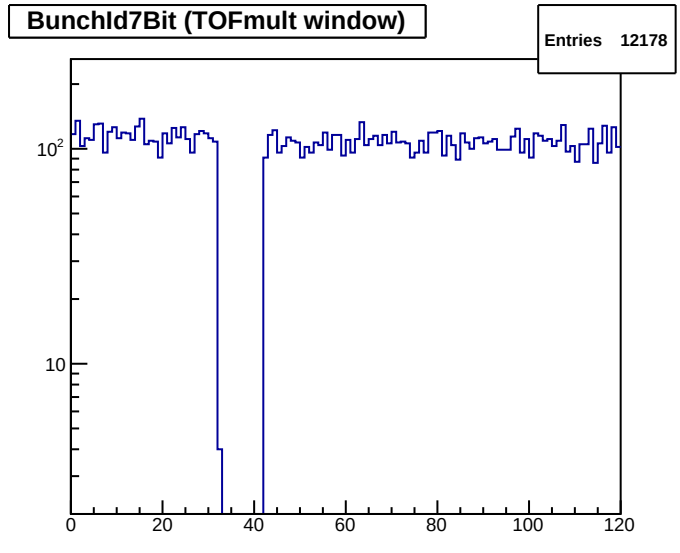

BunchId7Bit (VPD-TAC)
Entries 183208

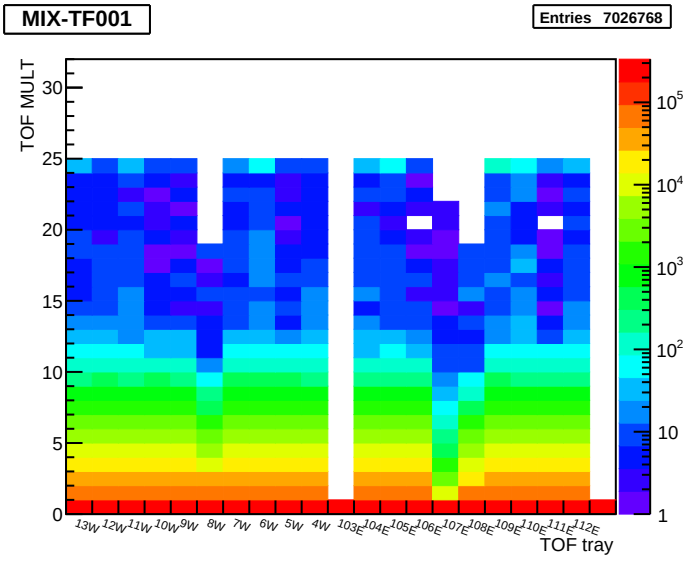

BunchId7Bit (ZDC-TAC)
Entries 785

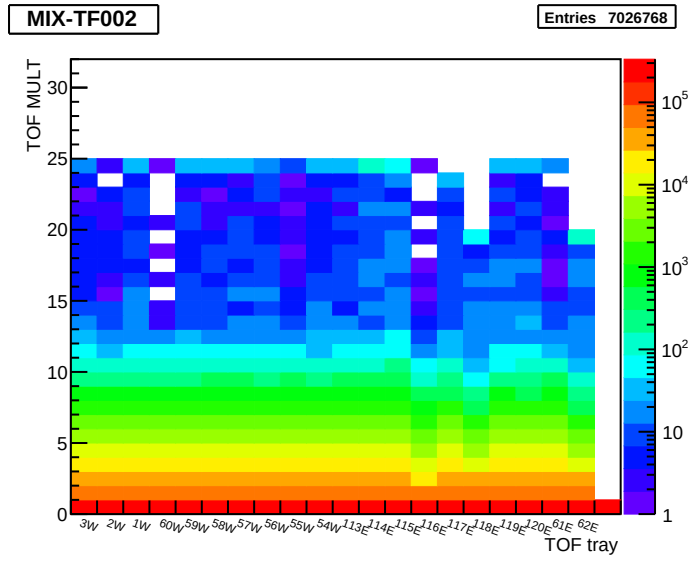

BunchId7Bit (EPD-TAC)
Entries 268239

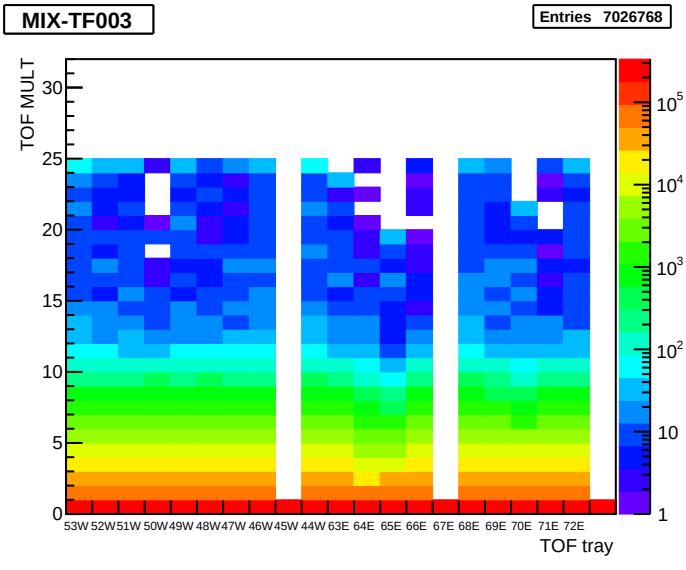

BunchId7Bit (BBC-TAC)
Entries 140607

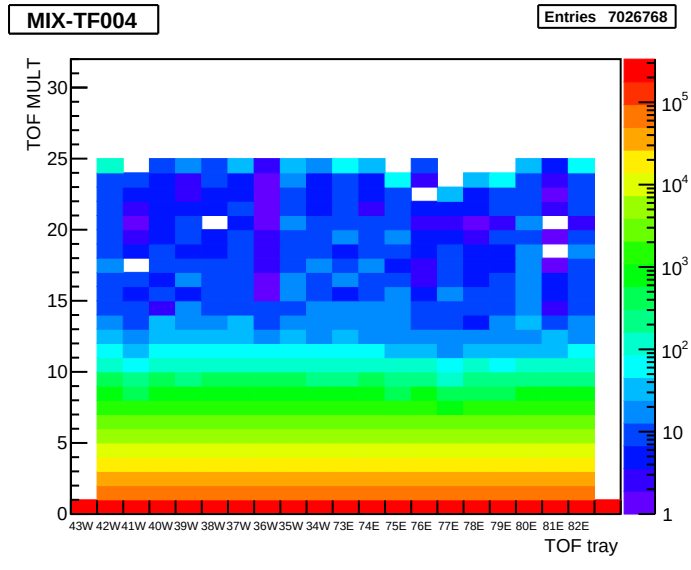

BunchId7Bit (Laser)
Entries 0

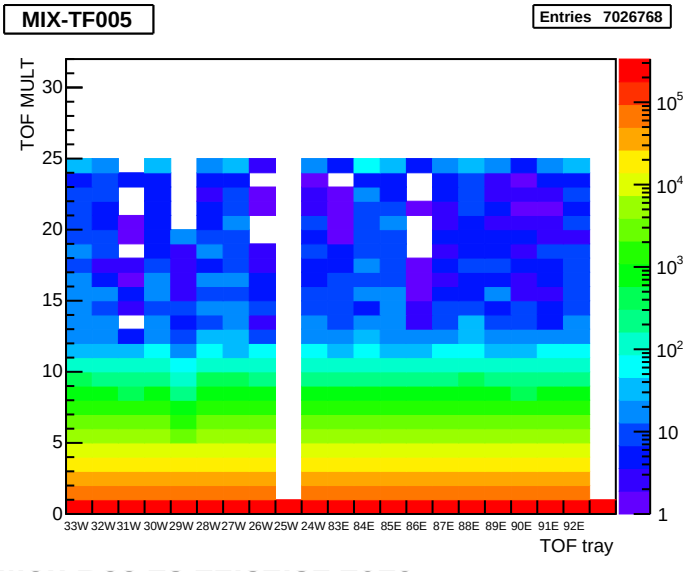

BunchId7Bit (TOFmult window)
Entries 12178

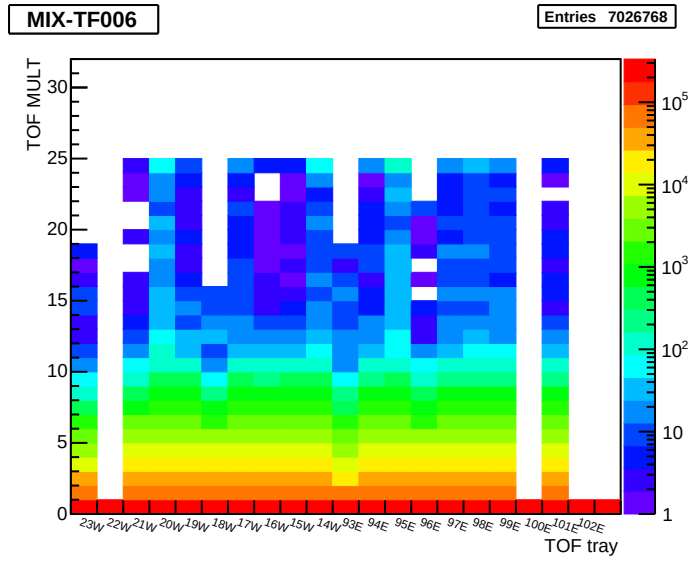

MIX-TF001
Entries 7026768
TOF MULT
TOF tray

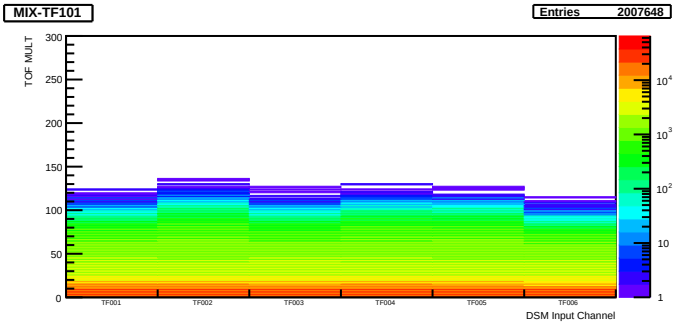

MIX-TF002
Entries 7026768
TOF MULT
TOF tray

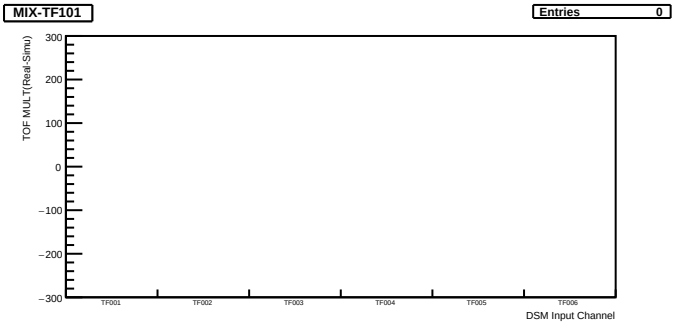

MIX-TF003
Entries 7026768
TOF MULT
TOF tray

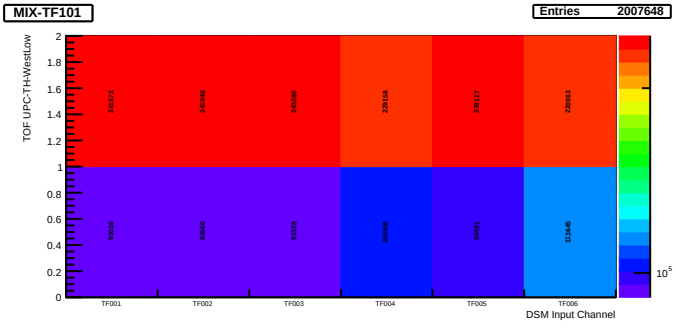

MIX-TF004
Entries 7026768
TOF MULT
TOF tray

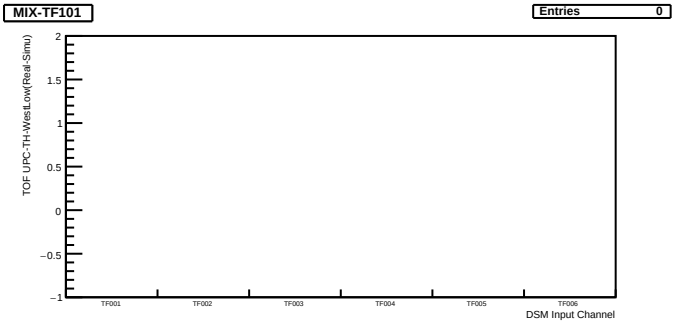

MIX-TF005
Entries 7026768
TOF MULT
TOF tray

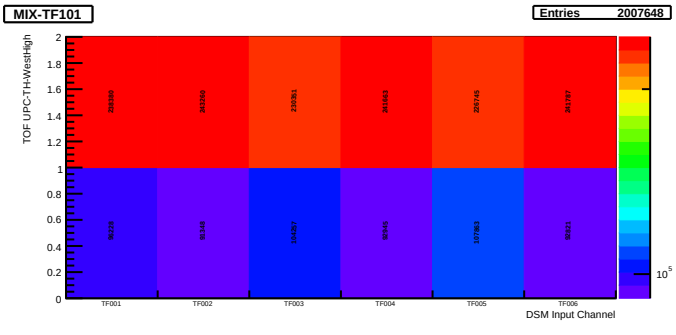

MIX-TF006
Entries 7026768
TOF MULT
TOF tray

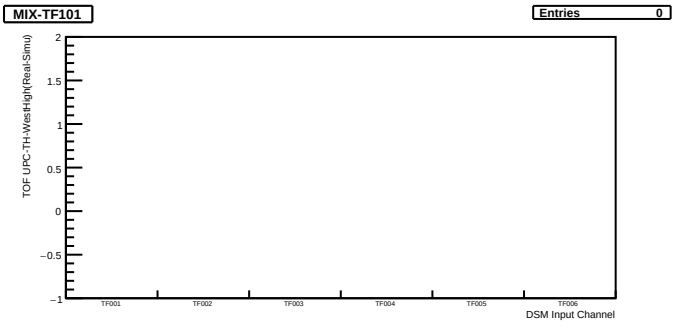

MIX-TF101
Entries 2007648
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

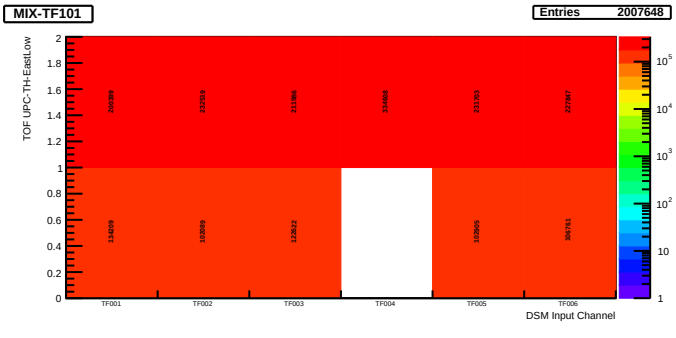

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

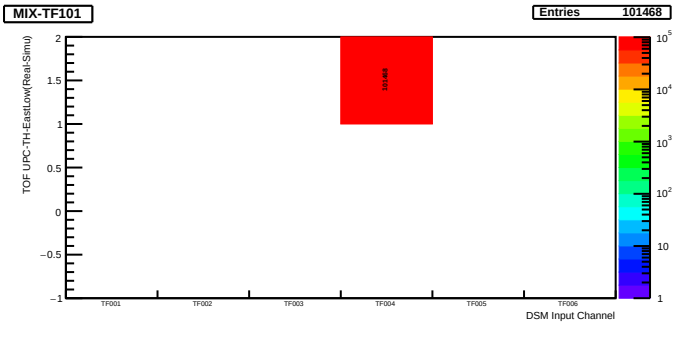

MIX-TF101
Entries 2007648
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

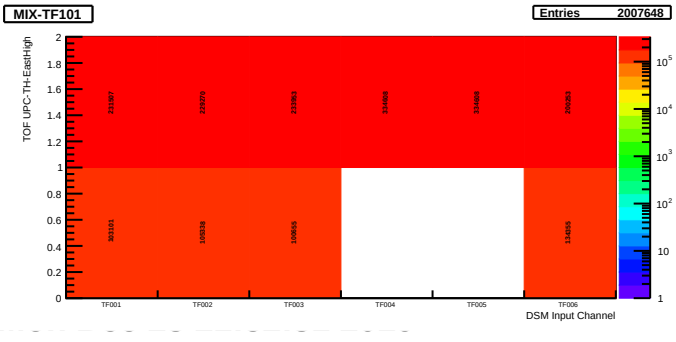

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

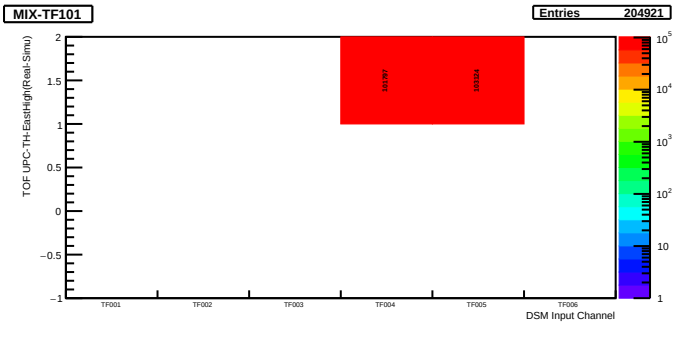

MIX-TF101
Entries 2007648
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

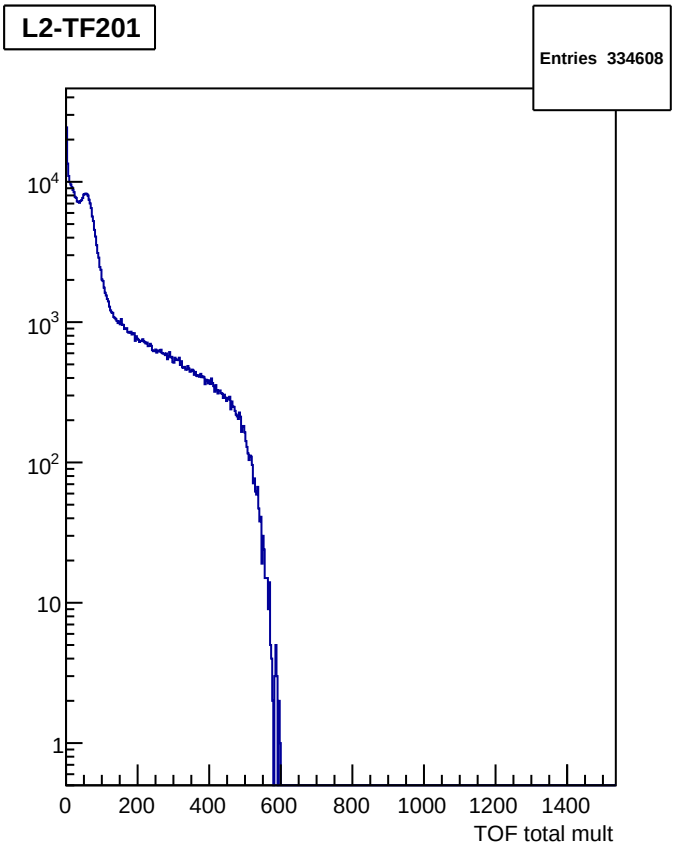

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

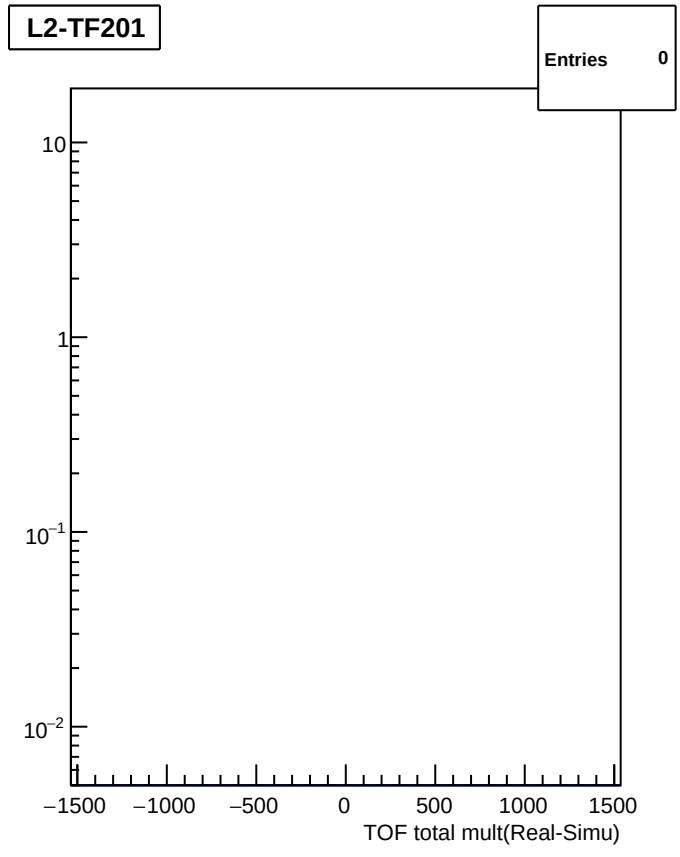

MIX-TF101
Entries 2007648
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

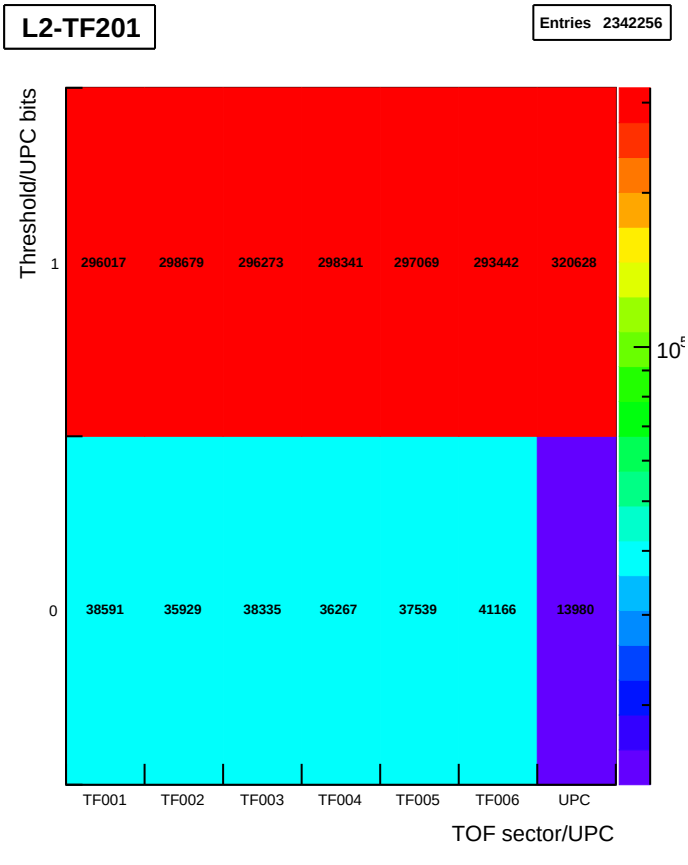

MIX-TF101
Entries 101468
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

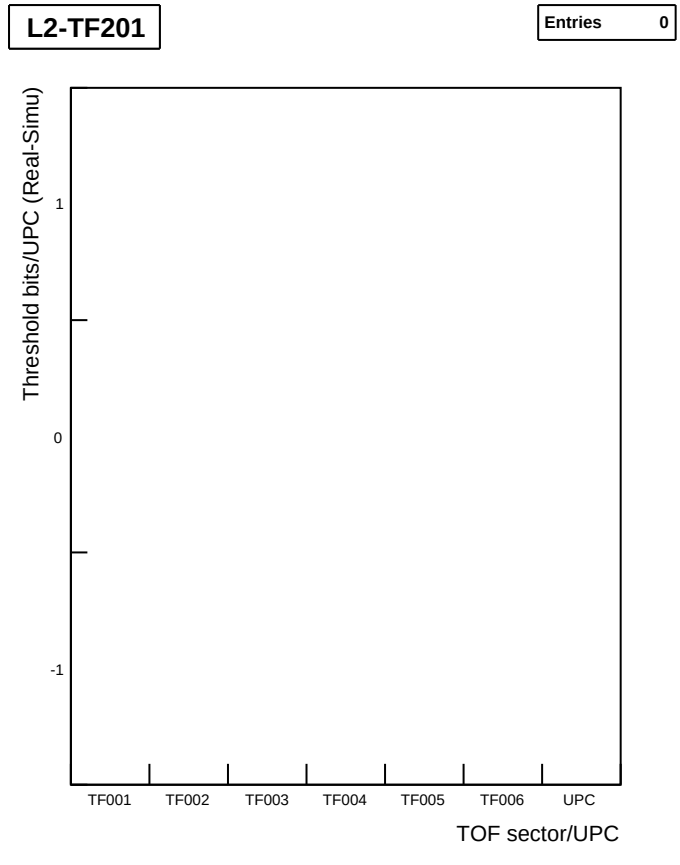

MIX-TF101
Entries 2007648
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

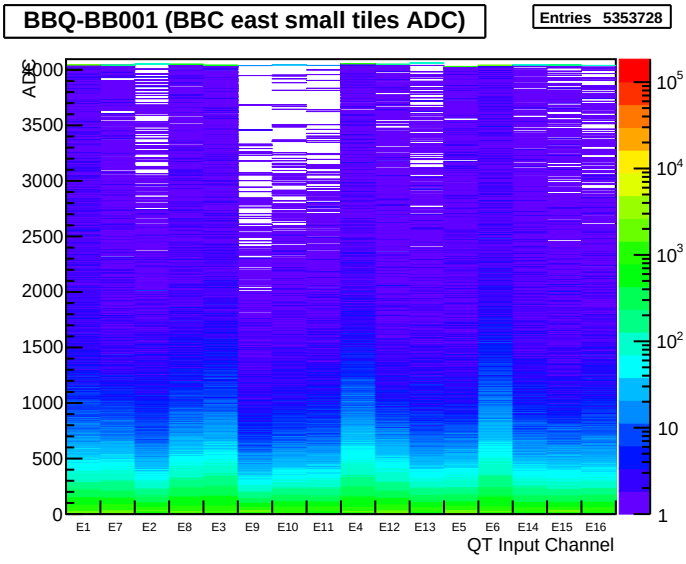

MIX-TF101
Entries 204921
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

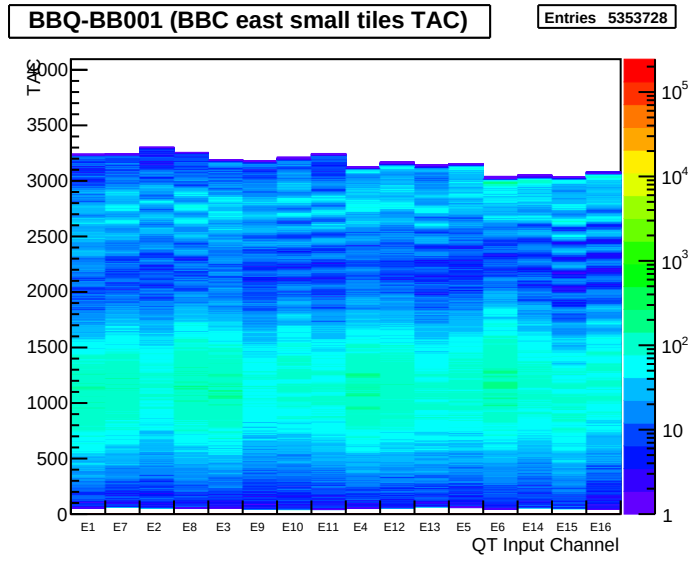

L2-TF201
Entries 334608
TOF total mult

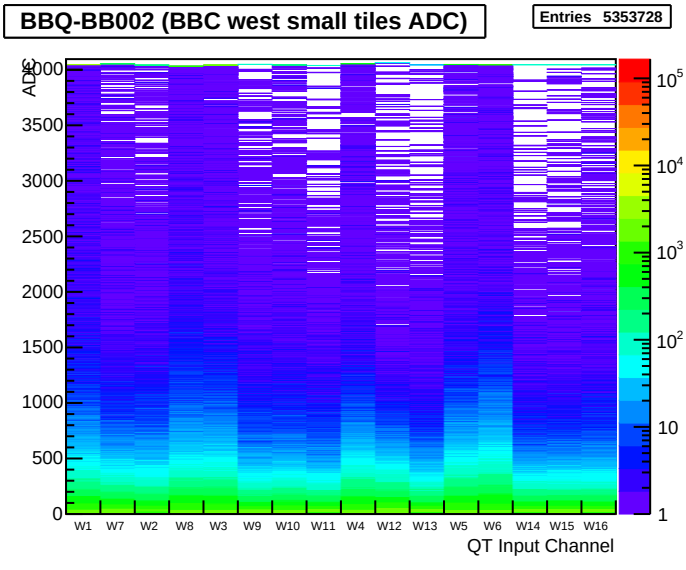

L2-TF201
Entries 0
TOF total mult(Real-Simu)

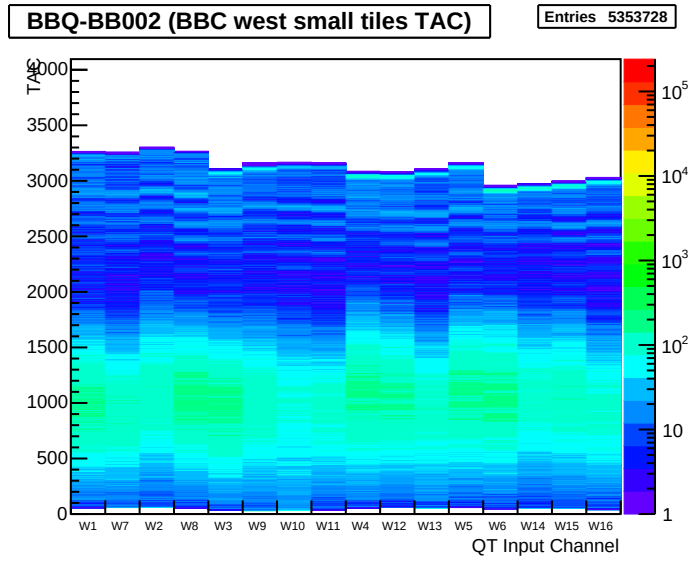

L2-TF201
Entries 2342256
Threshold/UPC bits
296017 298679 296273 298341 297069 293442 320628
38591 35929 38335 36267 37539 41166 13980
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

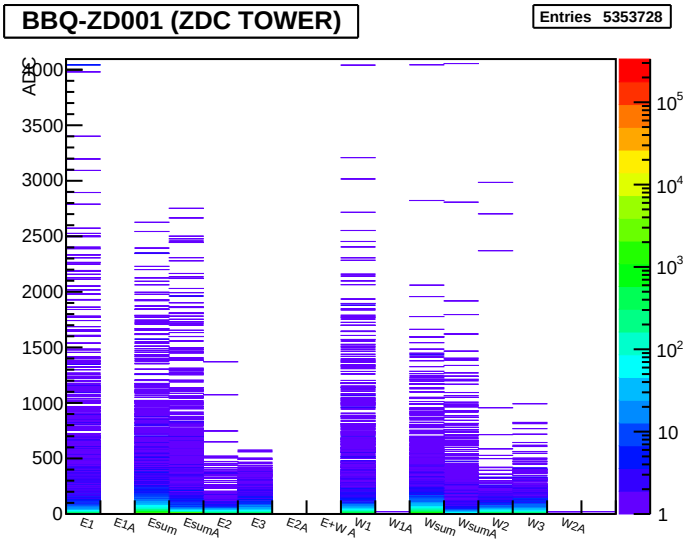

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

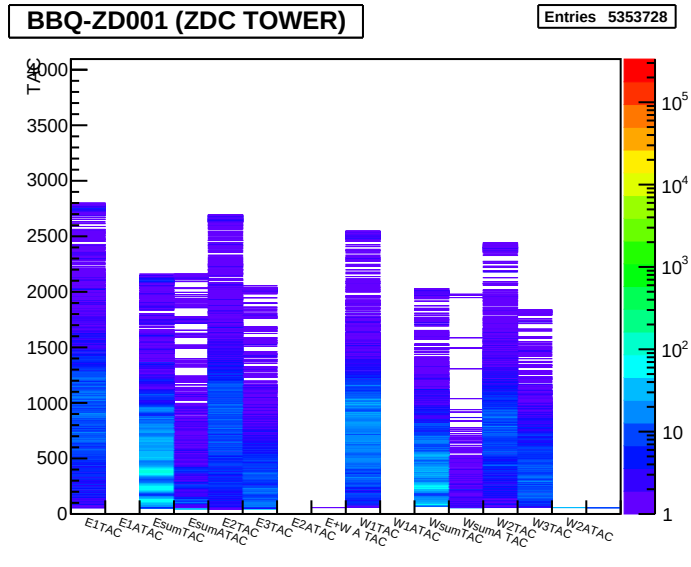

BBQ-BB001 (BBC east small tiles ADC)
Entries 5353728
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

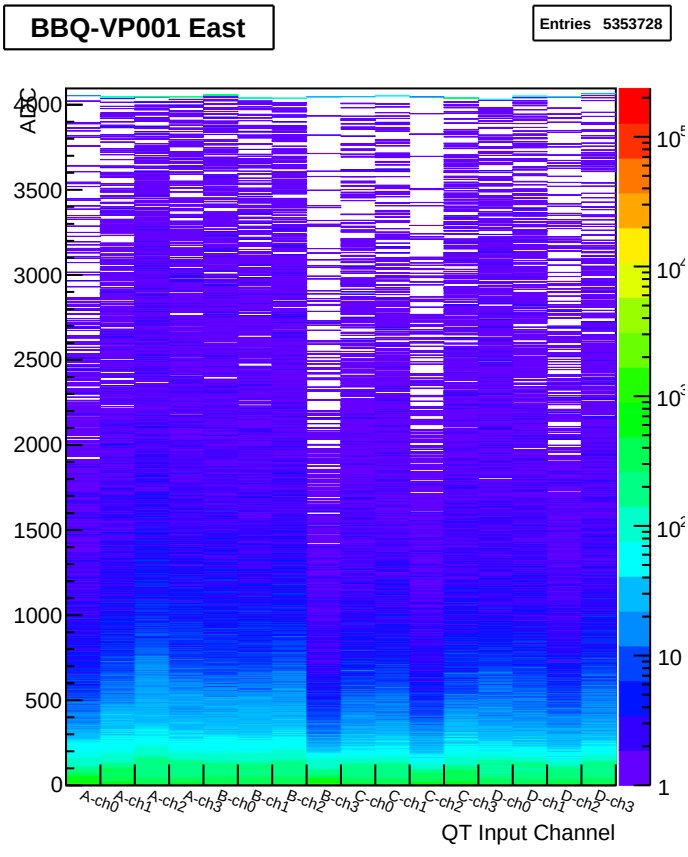

BBQ-BB001 (BBC east small tiles TAC)
Entries 5353728
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

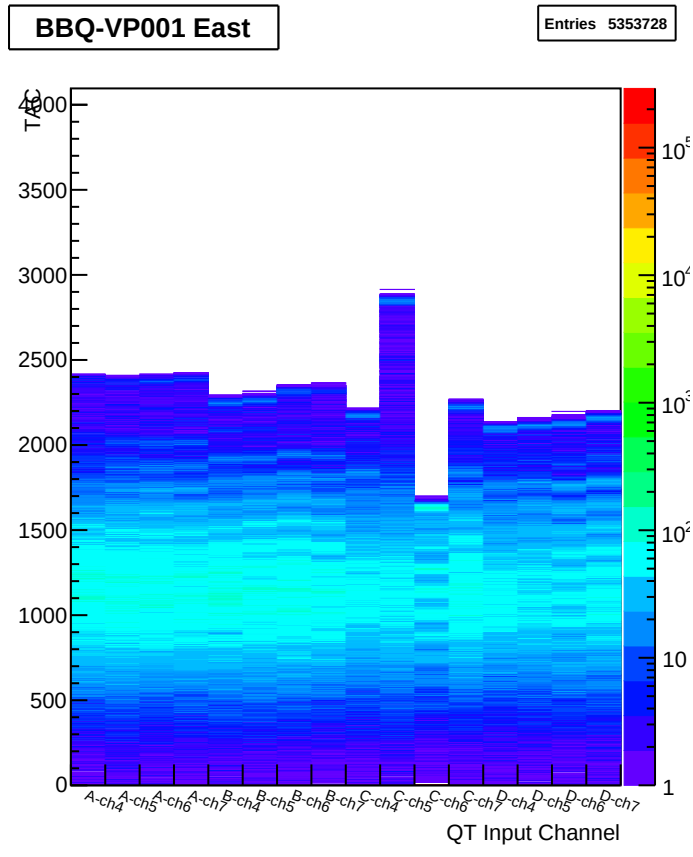

BBQ-BB002 (BBC west small tiles ADC)
Entries 5353728
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

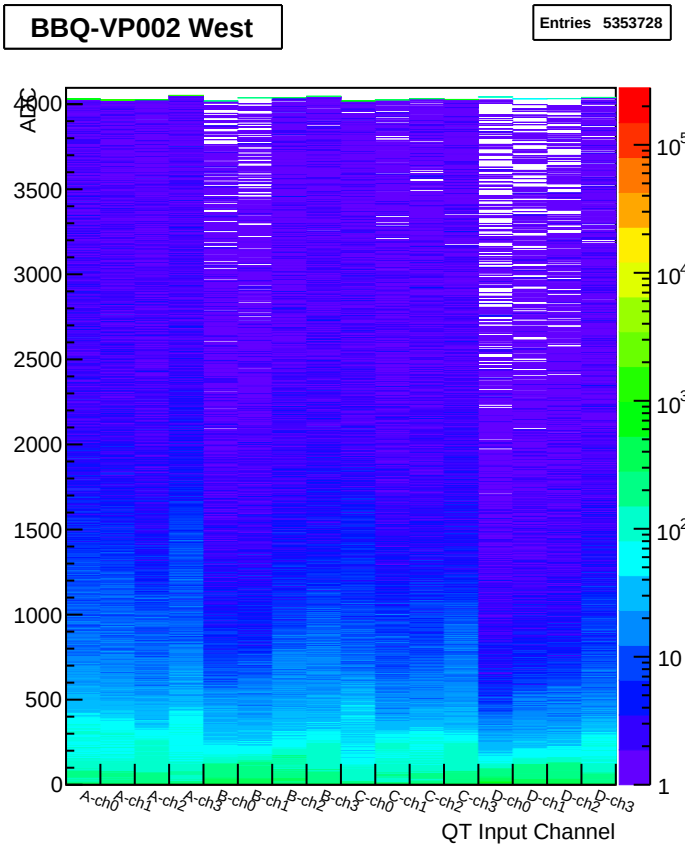

BBQ-BB002 (BBC west small tiles TAC)
Entries 5353728
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

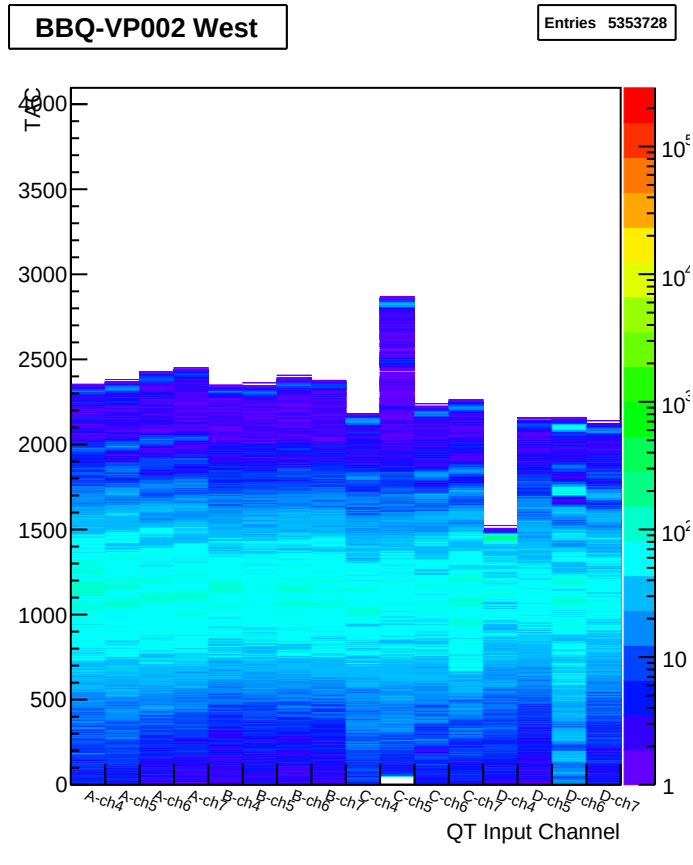

BBQ-ZD001 (ZDC TOWER)
Entries 5353728
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

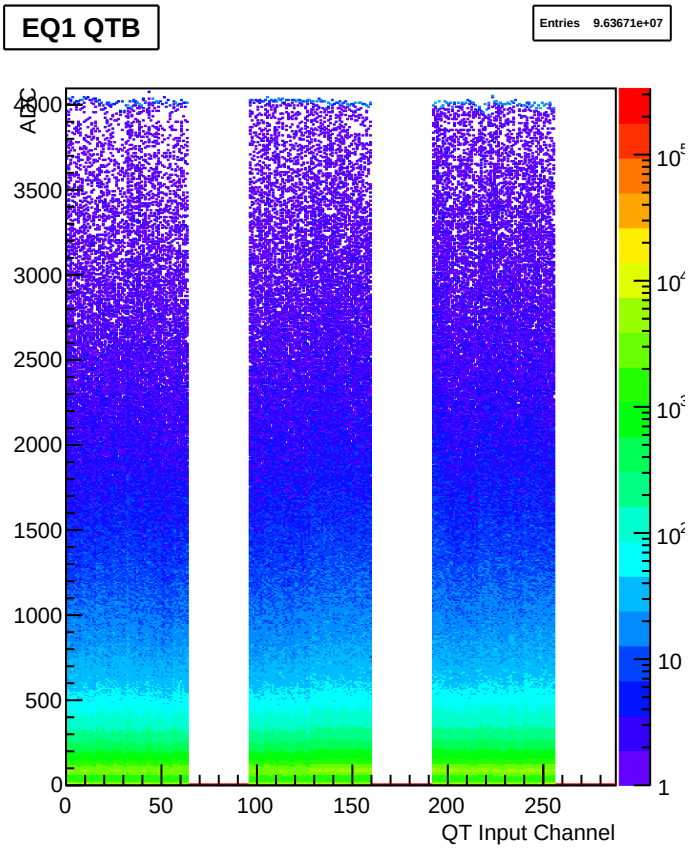

BBQ-ZD001 (ZDC TOWER)
Entries 5353728
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

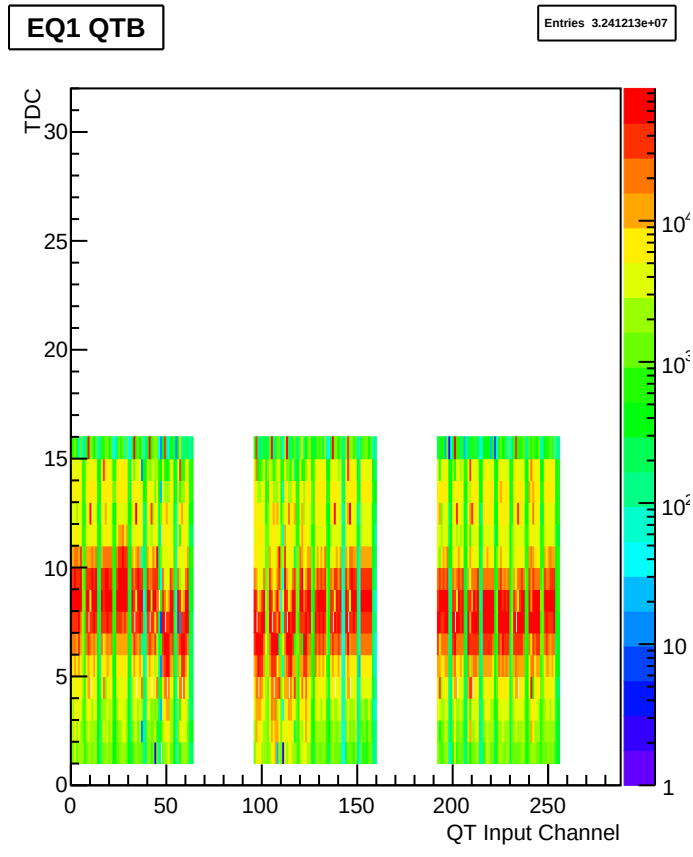

BBQ-VP001 East
Entries 5353728
ADC
QT Input Channel

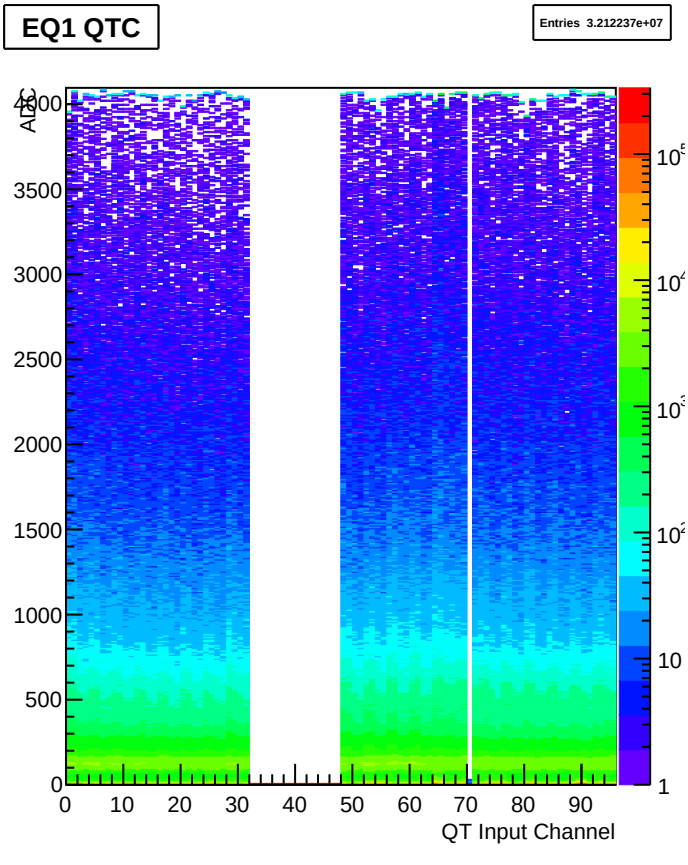

BBQ-VP001 East
Entries 5353728
TADC
QT Input Channel

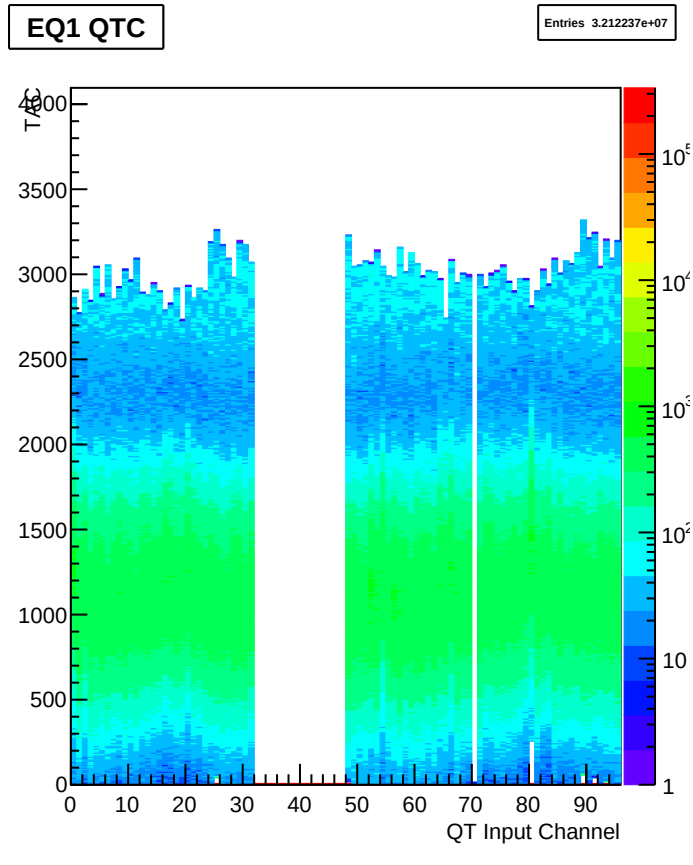

BBQ-VP002 West
Entries 5353728
ADC
QT Input Channel

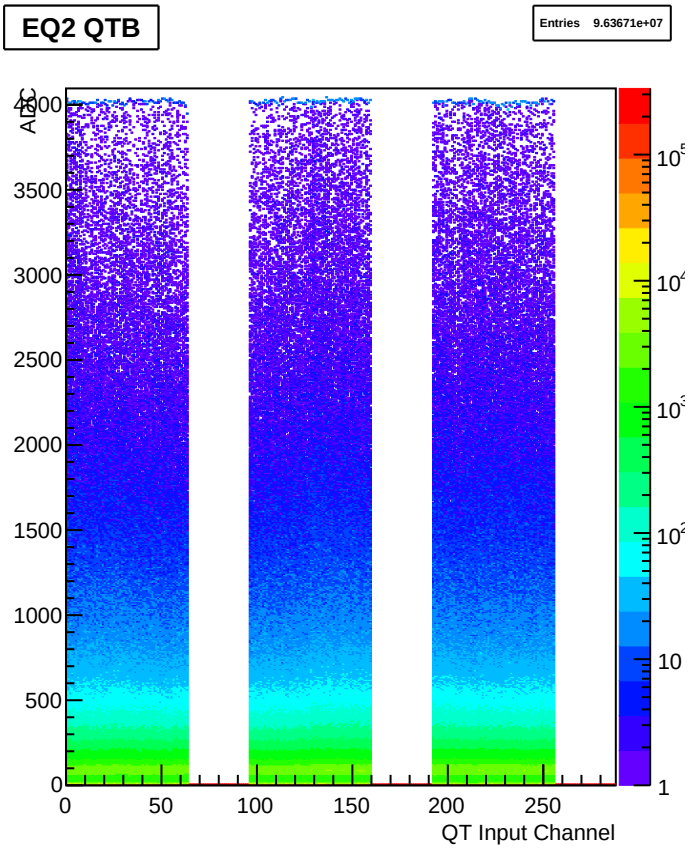

BBQ-VP002 West
Entries 5353728
TADC
QT Input Channel

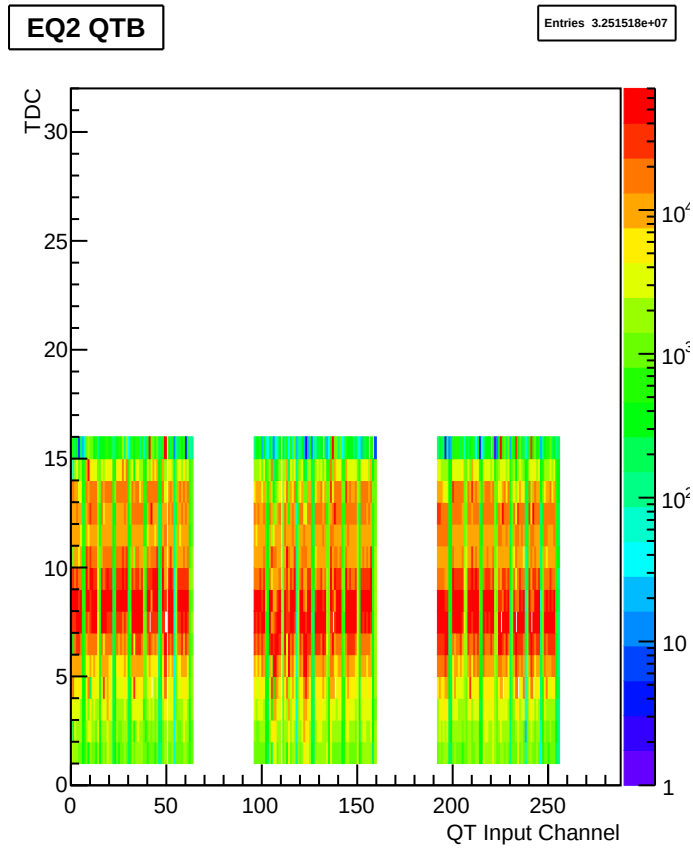

EQ1 QTB
Entries 9.63671e+07
ADC
QT Input Channel

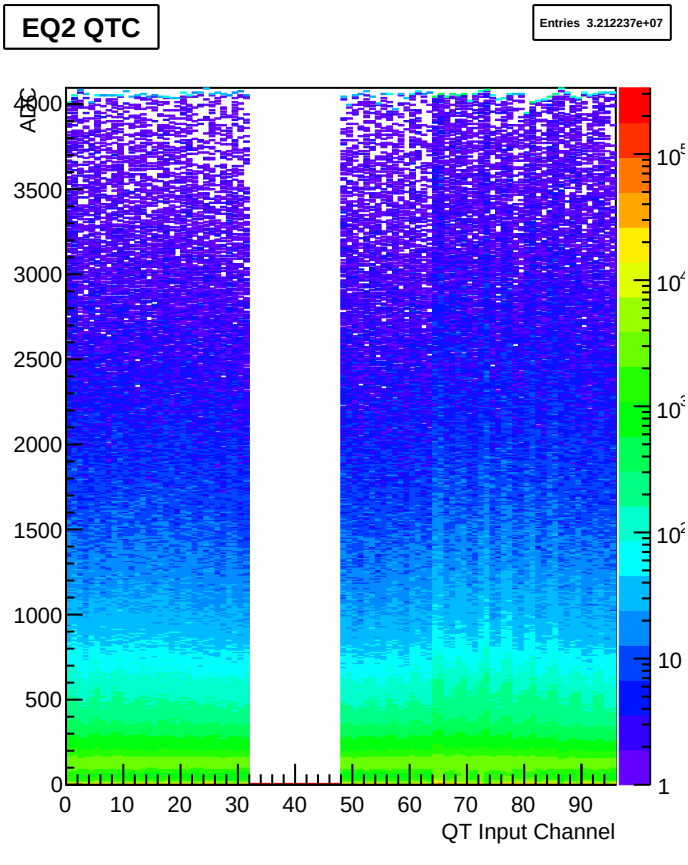

EQ1 QTB
Entries 3.241213e+07
TDC
QT Input Channel

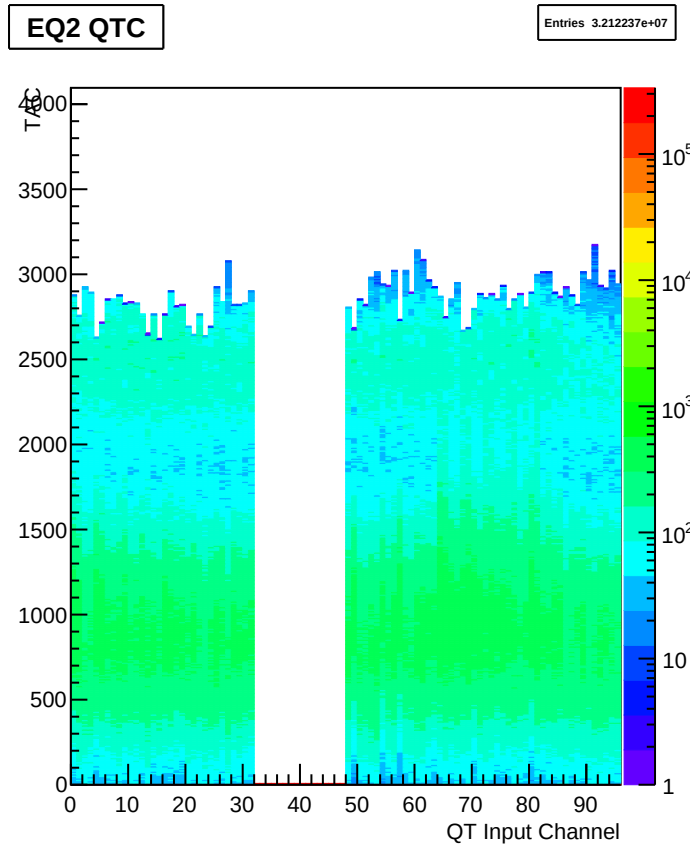

EQ1 QTC
Entries 3.212237e+07
ADC
QT Input Channel

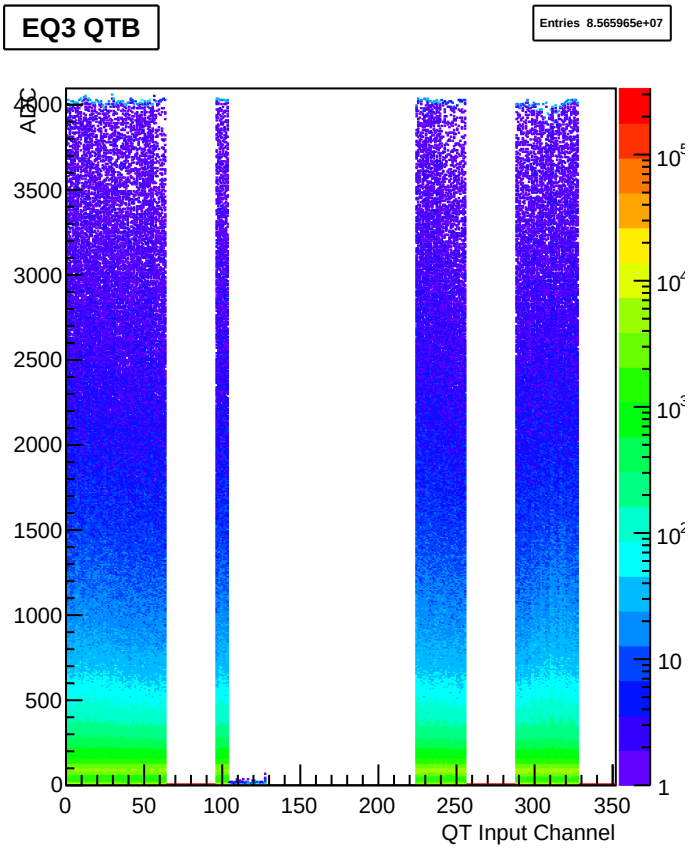

EQ1 QTC
Entries 3.212237e+07
TADC
QT Input Channel

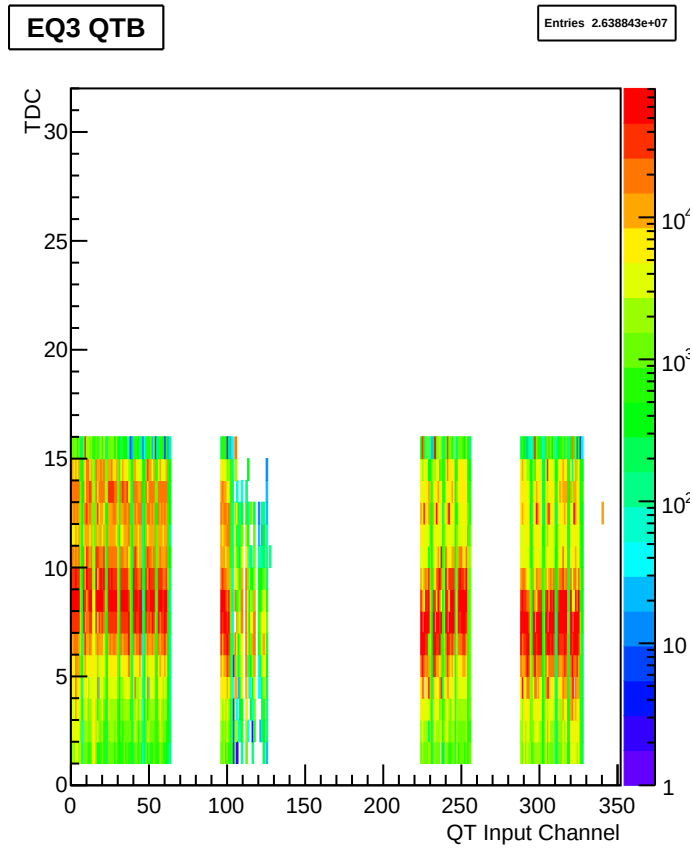

EQ2 QTB
Entries 9.63671e+07
ADC
QT Input Channel

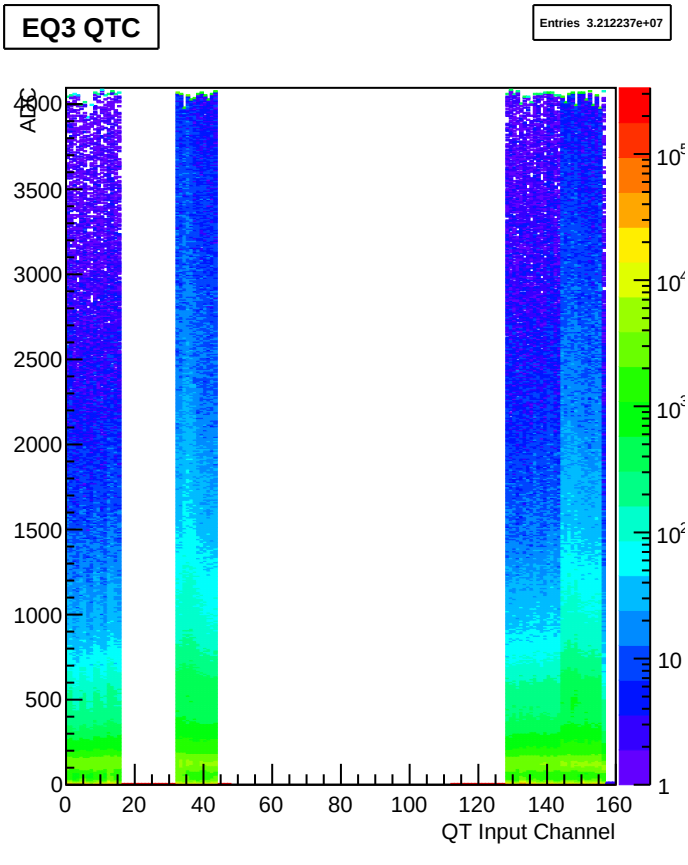

EQ2 QTB
Entries 3.251518e+07
TDC
QT Input Channel

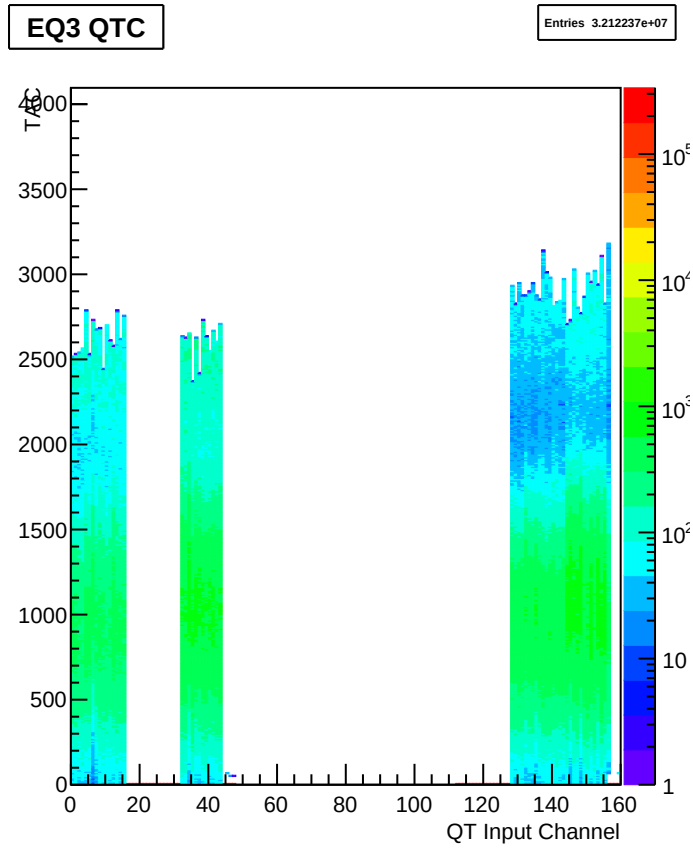

EQ2 QTC
Entries 3.212237e+07
ADC
QT Input Channel

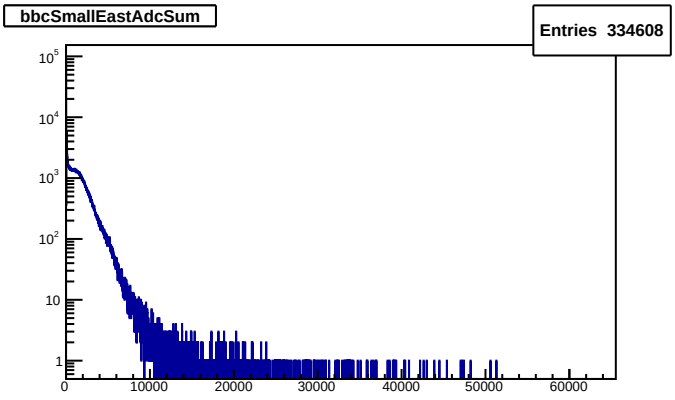

EQ2 QTC
Entries 3.212237e+07
TADC
QT Input Channel

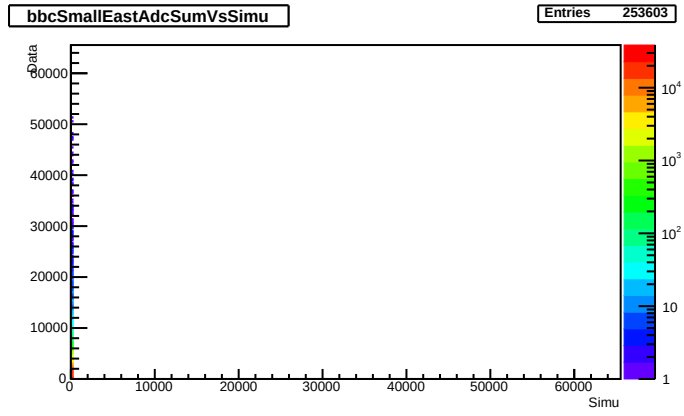

EQ3 QTB
Entries 8.565965e+07
ADC
QT Input Channel

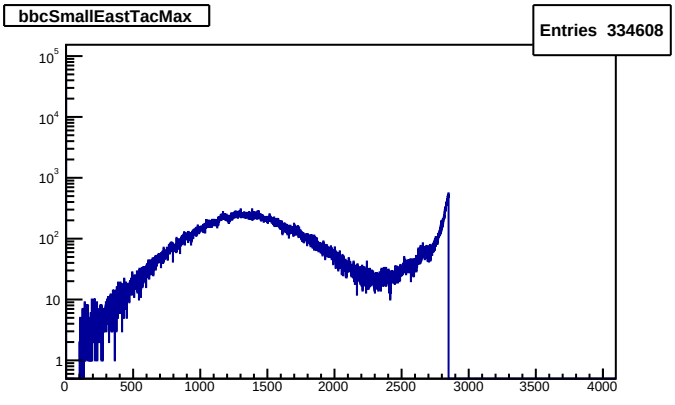

EQ3 QTB
Entries 2.638843e+07
TDC
QT Input Channel

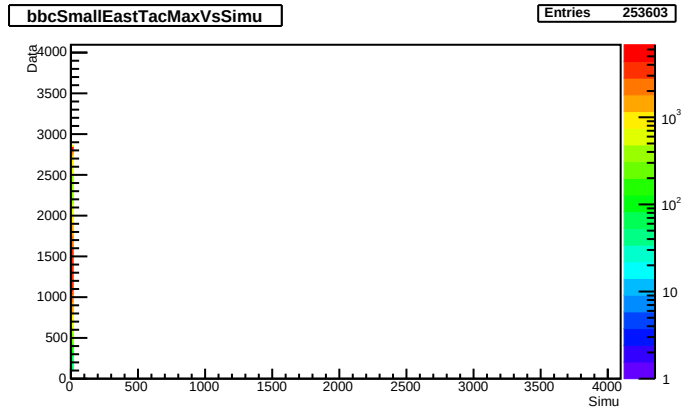

EQ3 QTC
Entries 3.212237e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.212237e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 334608


bbcSmallEastAdcSumVsSimu
Entries 253603
Data
Simu


bbcSmallEastTacMax
Entries 334608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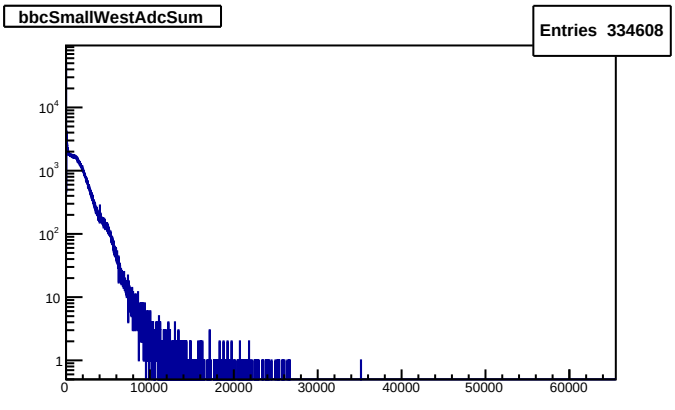
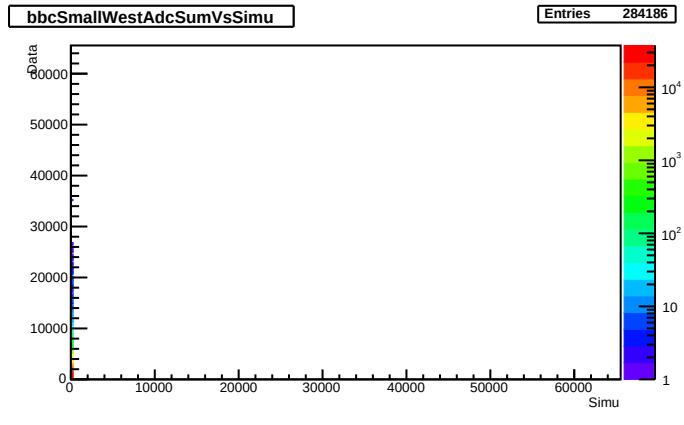
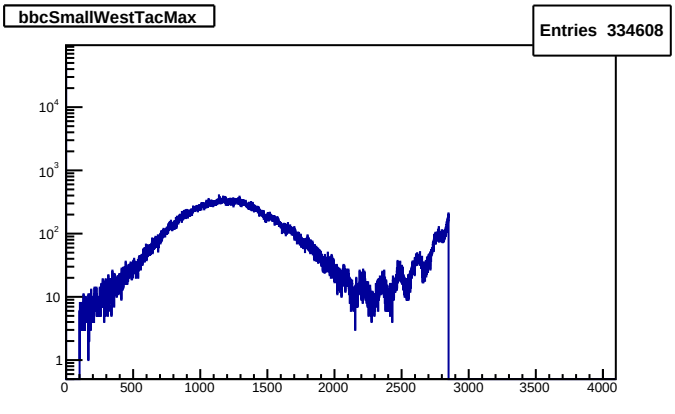

bbcSmallWestAdcSum
Entries 334608


bbcSmallWestAdcSumVsSimu
Entries 284186
Data
Simu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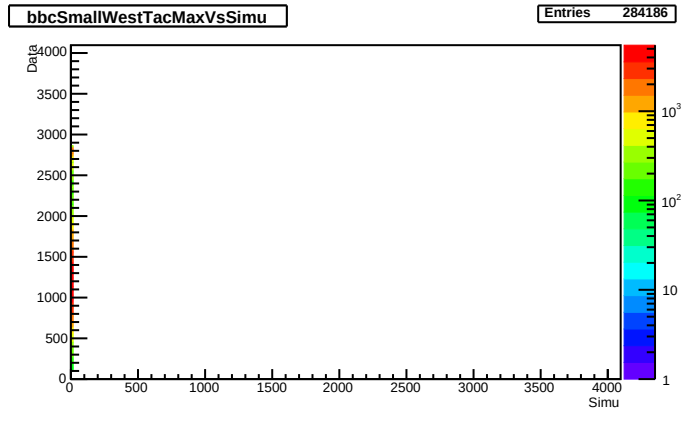
Entries 334608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Entries 284186
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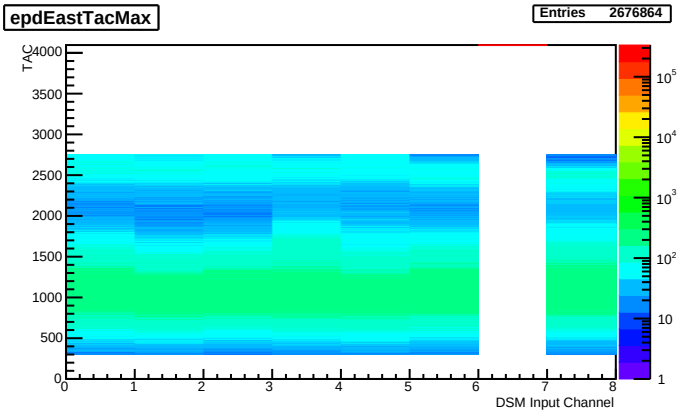
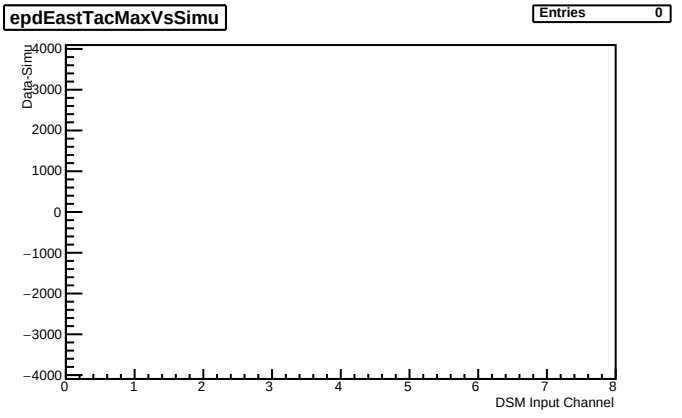
Simu


epdEastTacMax
Entries 2676864
TAC
DSM Input Channel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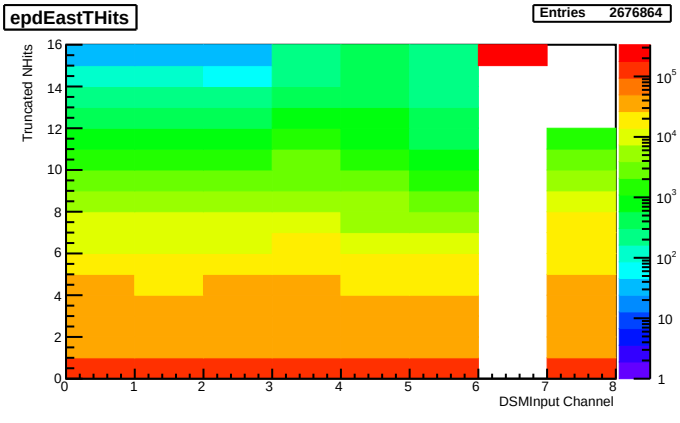
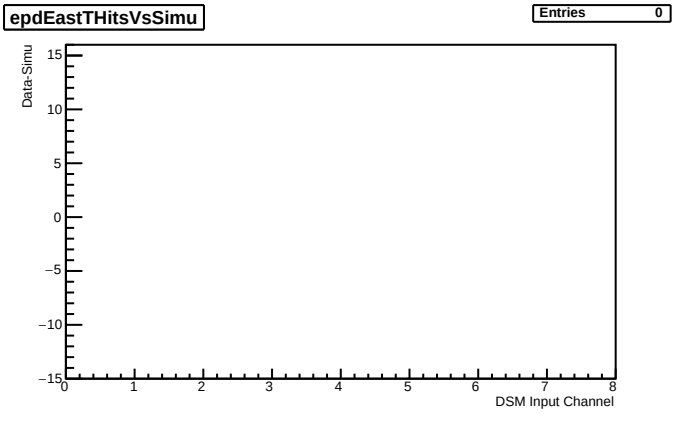
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2676864
Truncated NHits
DSMInput Channel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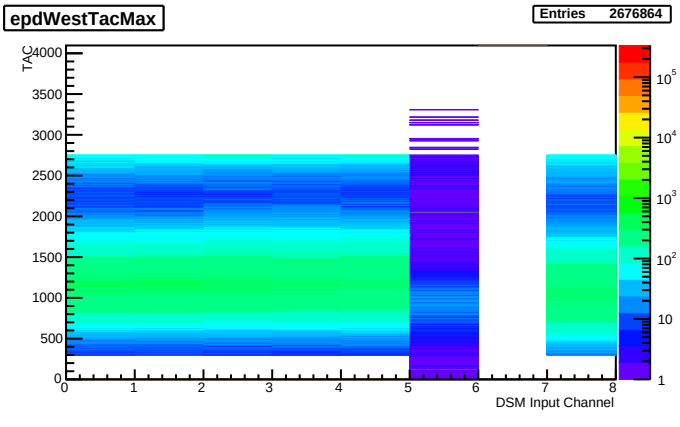
Data-Simu
DSM Input Channel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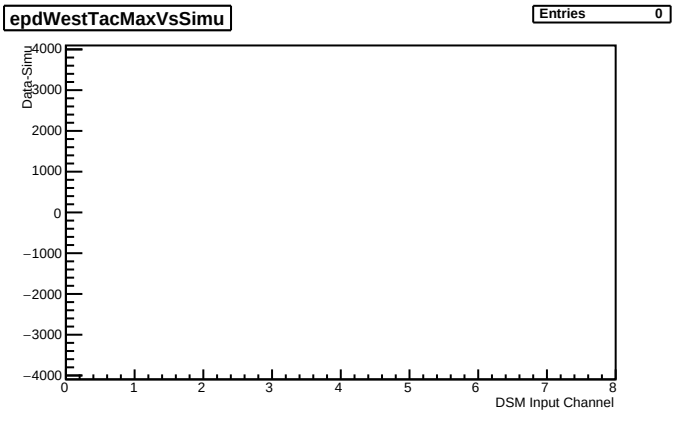
Entries 2676864
TAC
DSM Input Channel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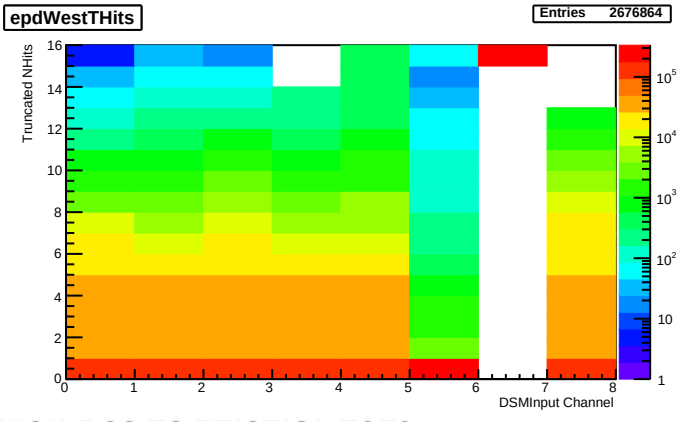
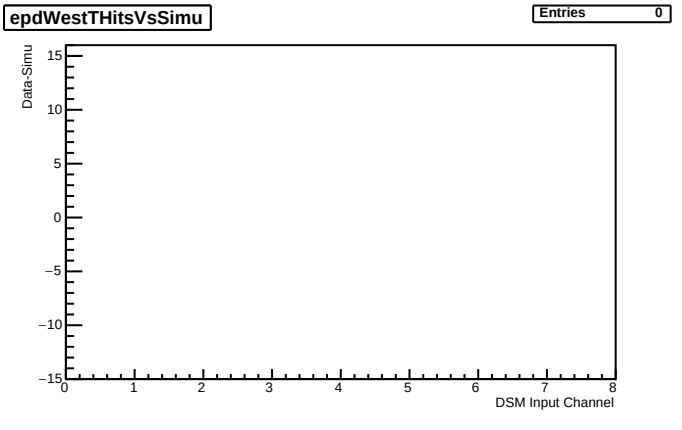
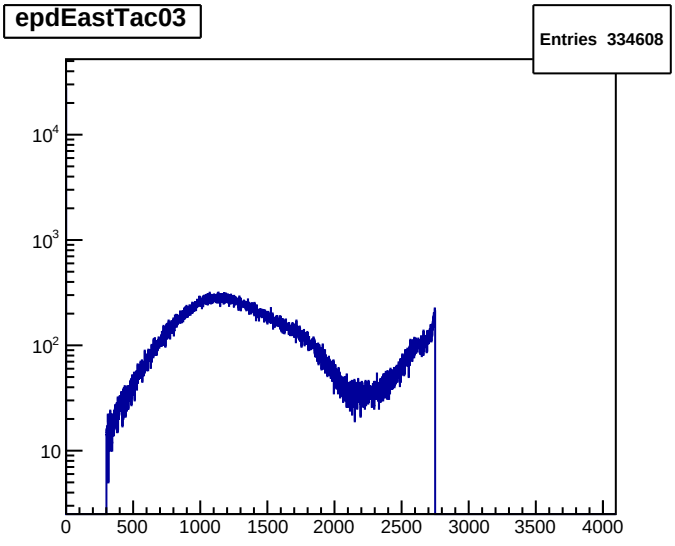
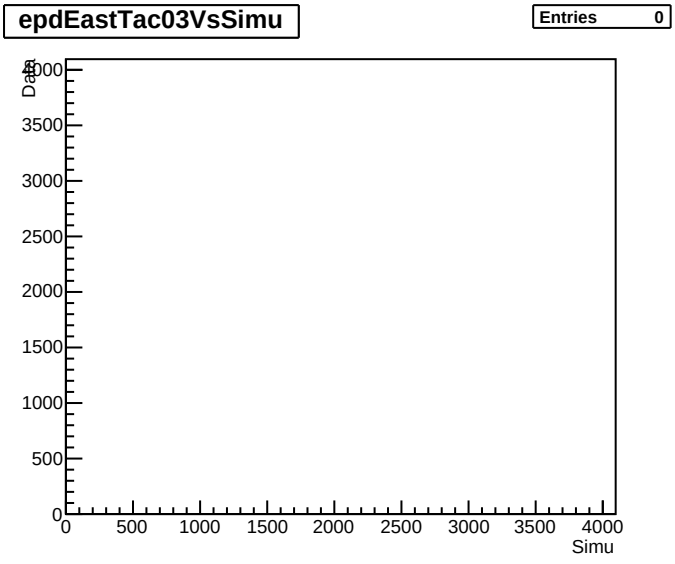
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2676864
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 334608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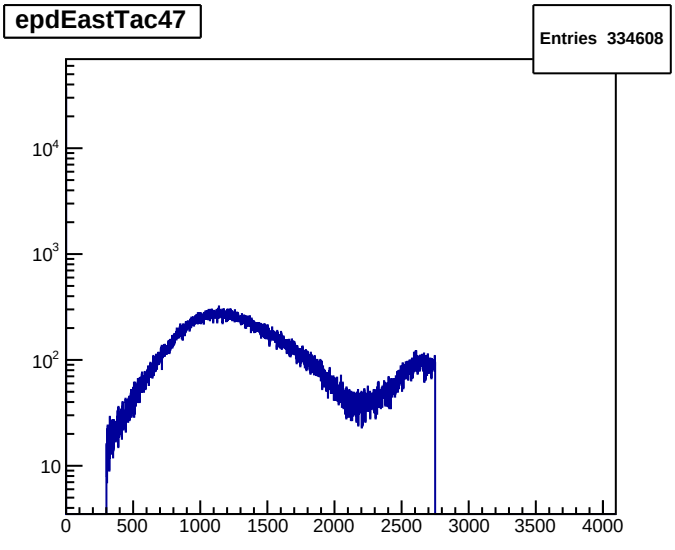
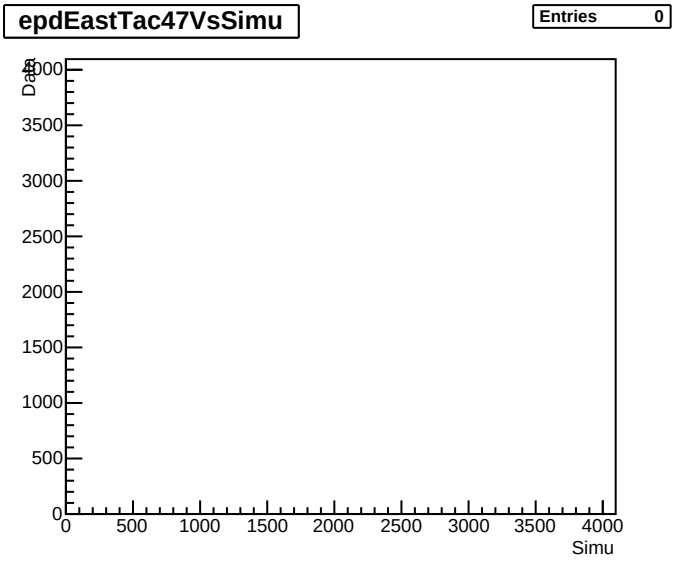
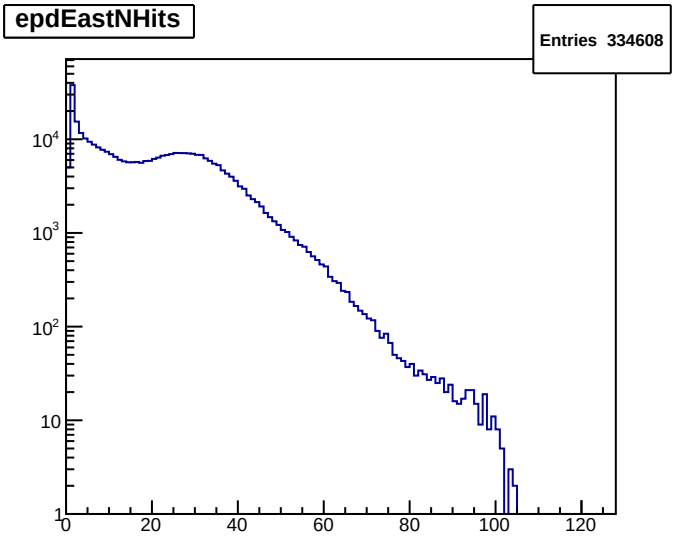
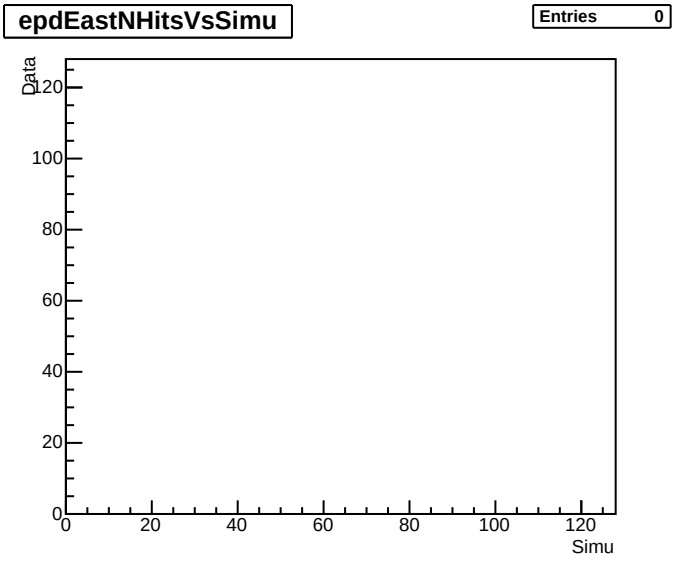
Entries 0
Data
Simu


epdEastTac47
Entries 334608


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 334608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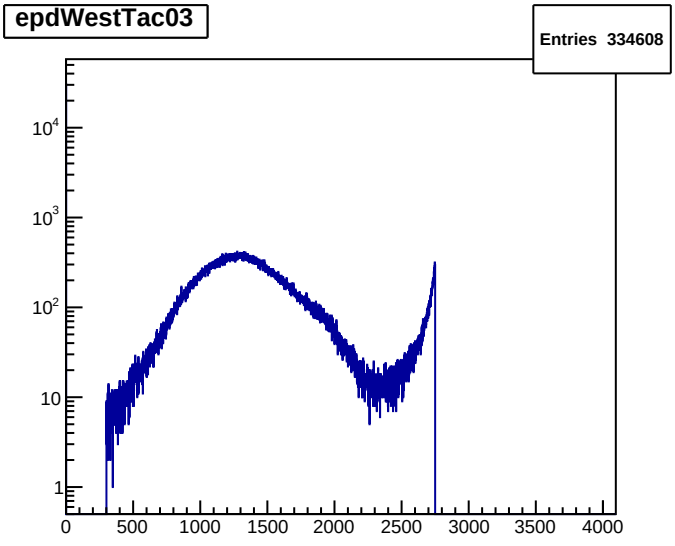
Entries 0
Data
Simu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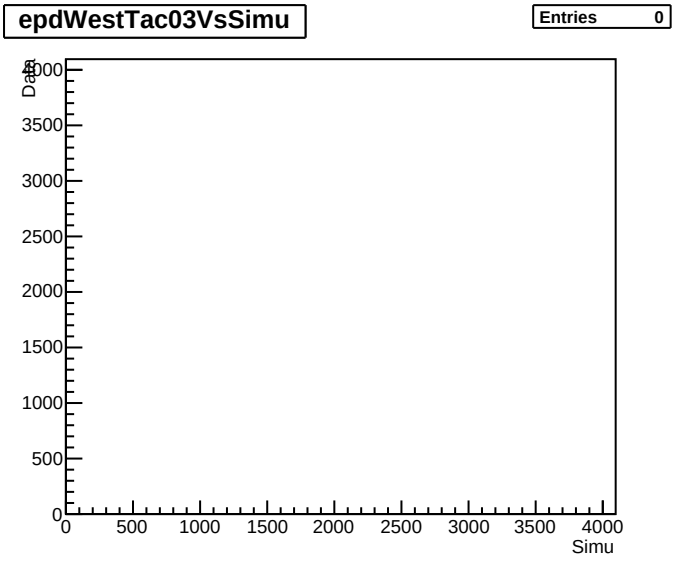
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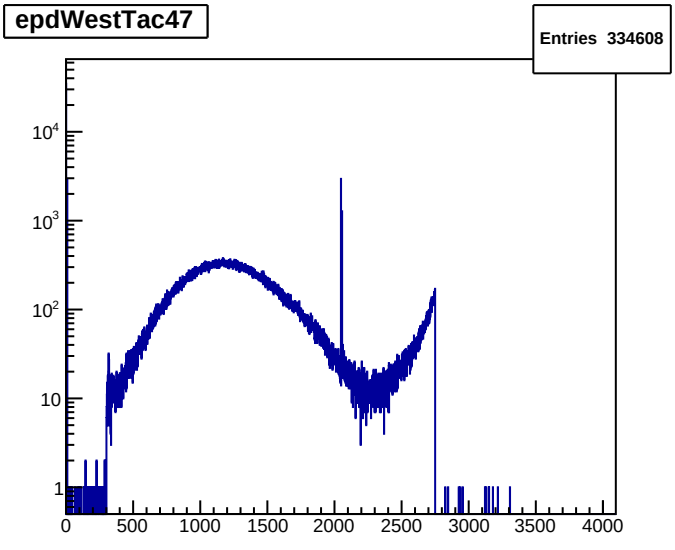
Entries 0
Data
Simu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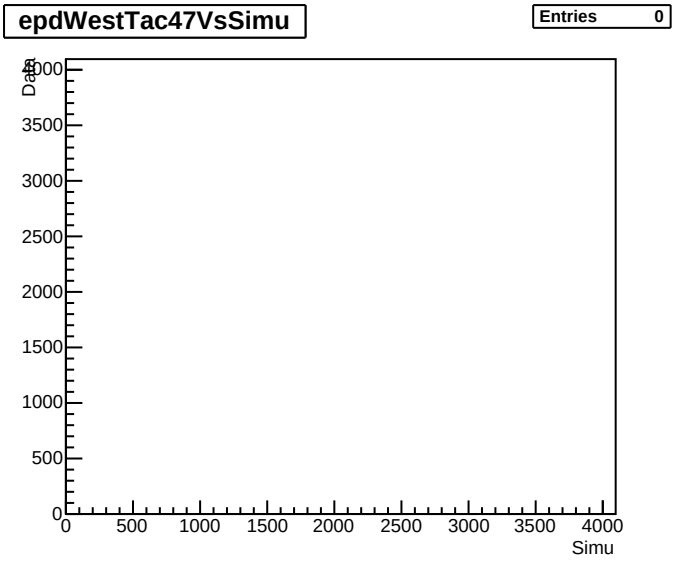
Entries 334608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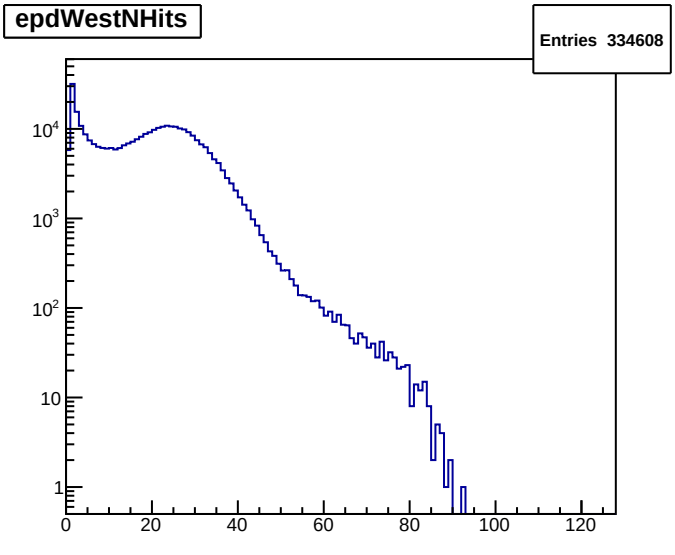
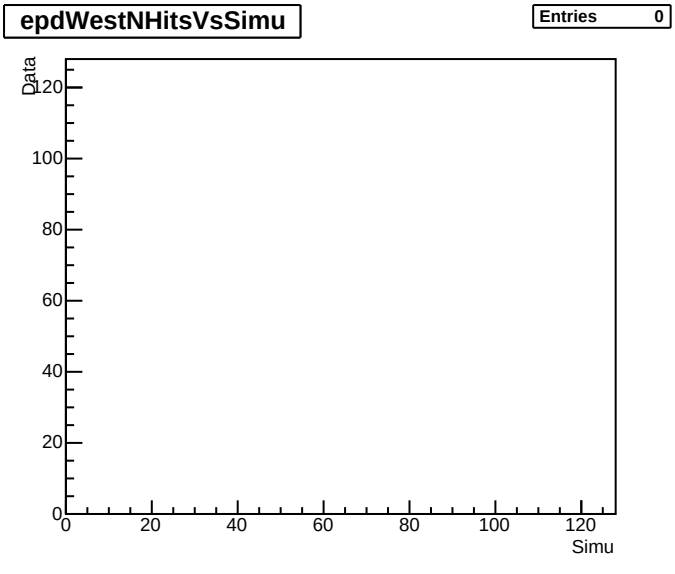
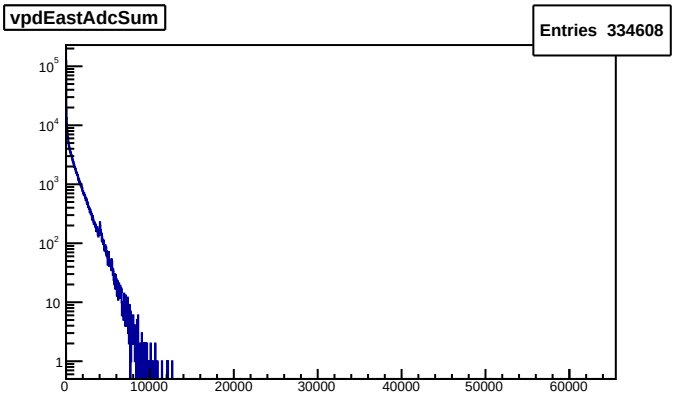
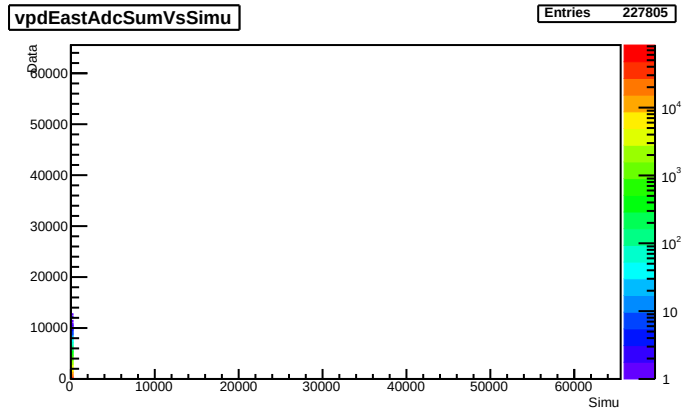
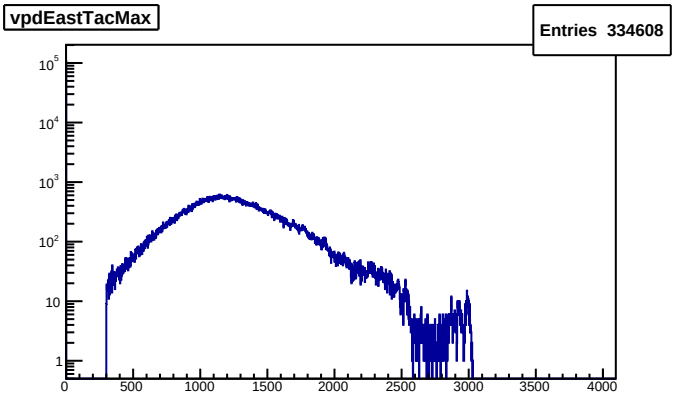
Entries 0
Data
Simu

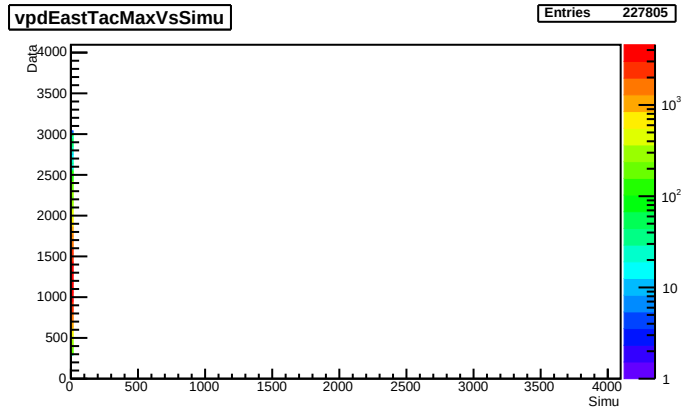

epdWestNHits
Entries 334608

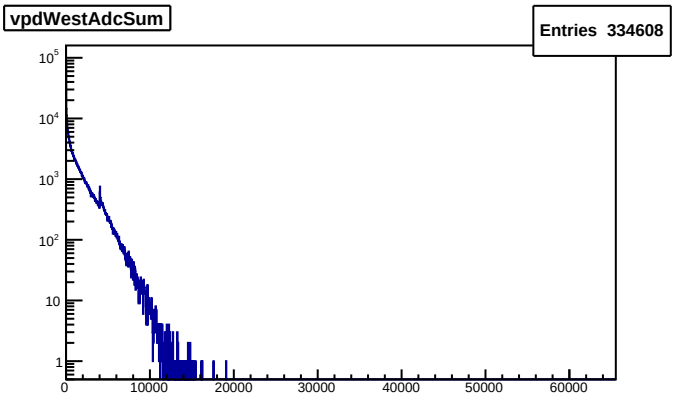

epdWestNHitsVsSimu
Entries 0
Data
Simu

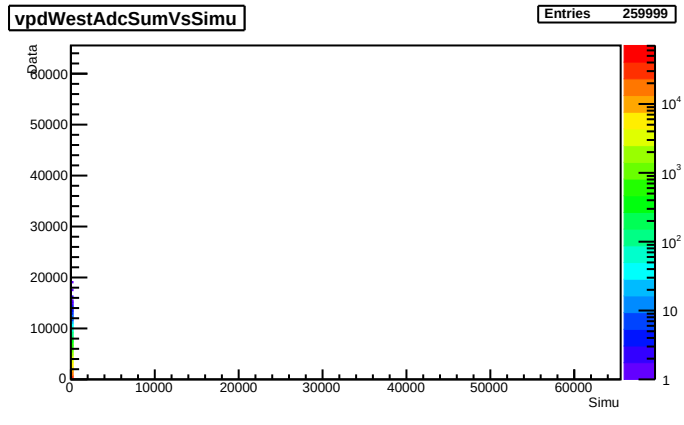

vpdEastAdcSum
Entries 334608

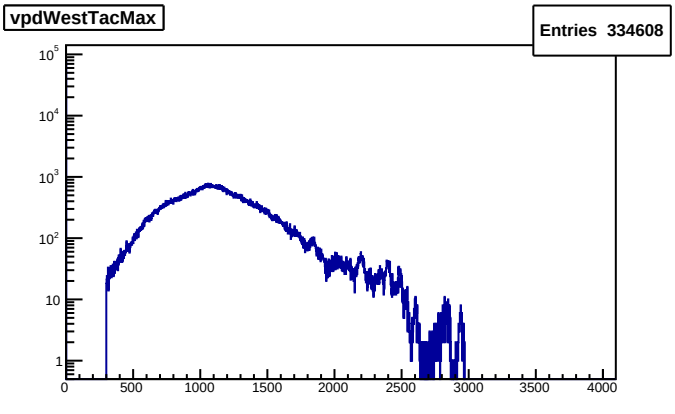

vpdEastAdcSumVsSimu
Entries 227805
Data
Simu

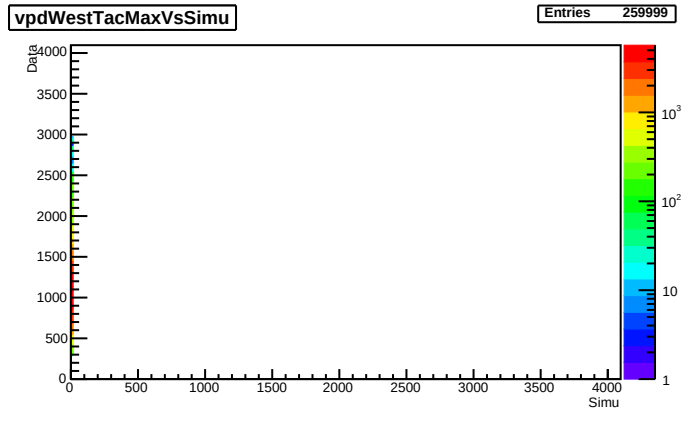

vpdEastTacMax
Entries 334608

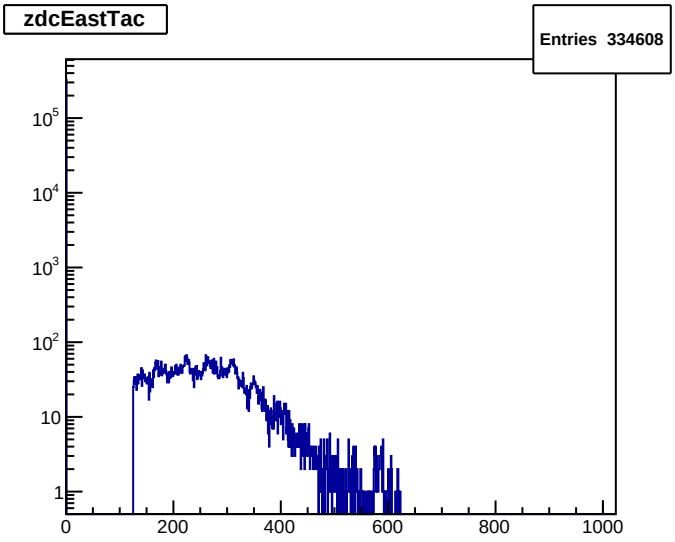

vpdEastTacMaxVsSimu
Entries 227805
Data
Simu

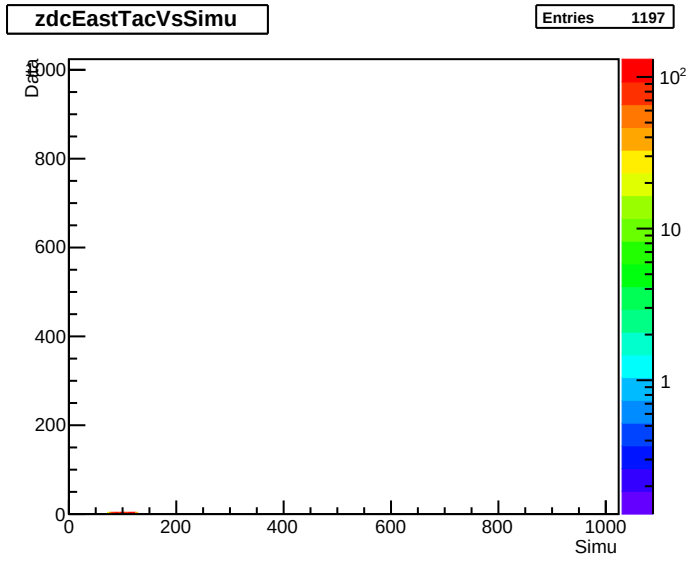

vpdWestAdcSum
Entries 334608

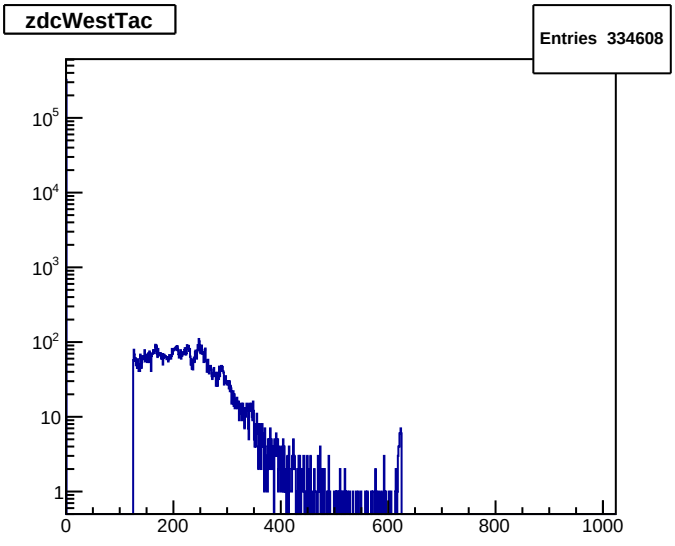

vpdWestAdcSumVsSimu
Entries 259999
Data
Simu

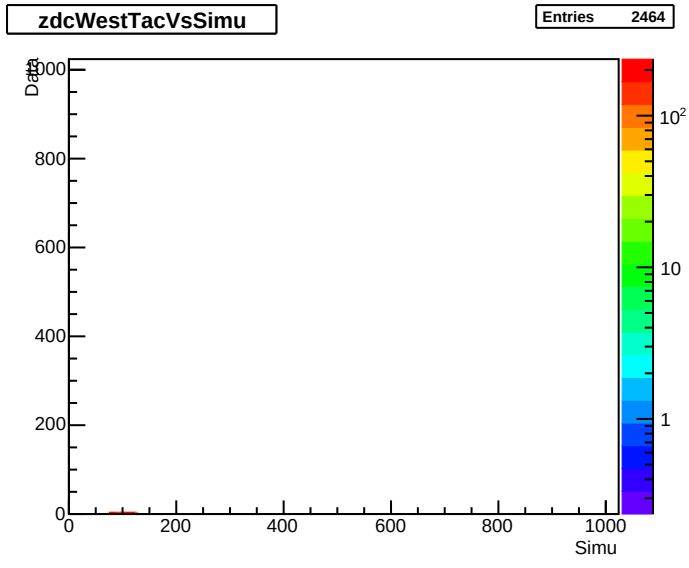

vpdWestTacMax
Entries 334608

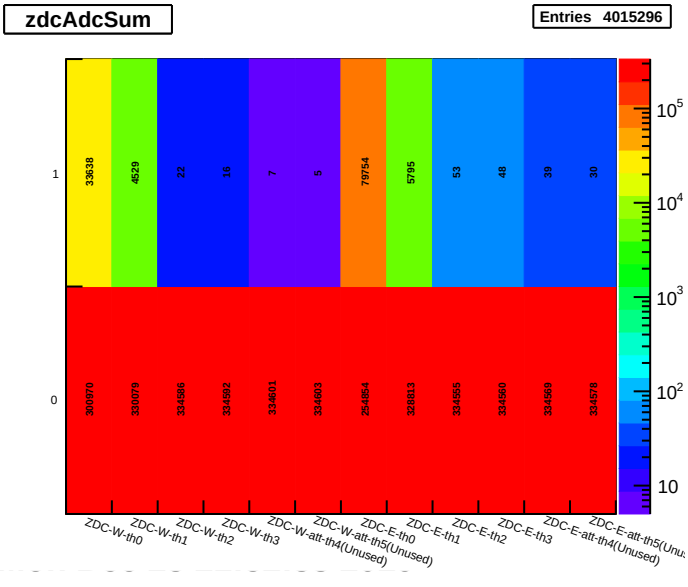

vpdWestTacMaxVsSimu
Entries 259999
Data
Simu

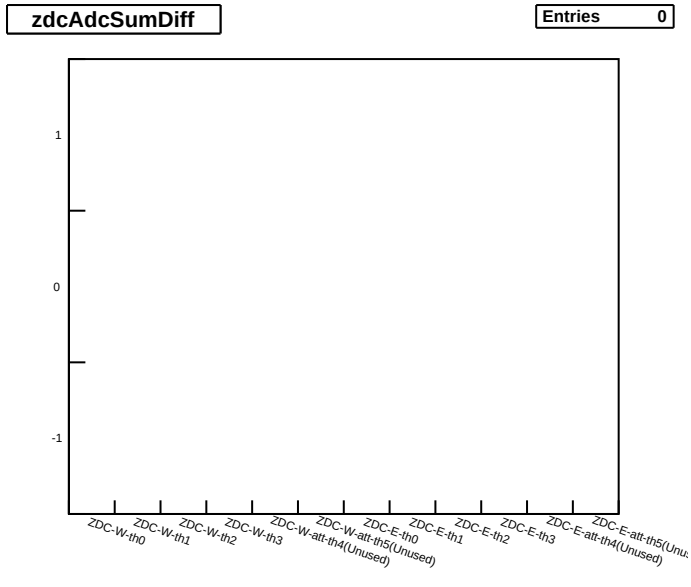

zdcEastTac
Entries 334608

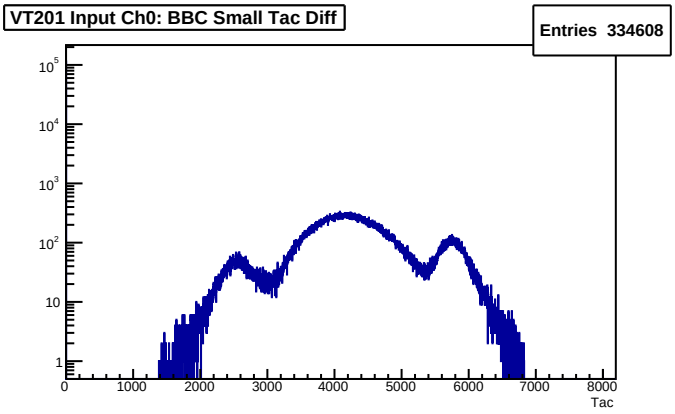

zdcEastTacVsSimu
Entries 1197
Data
Simu

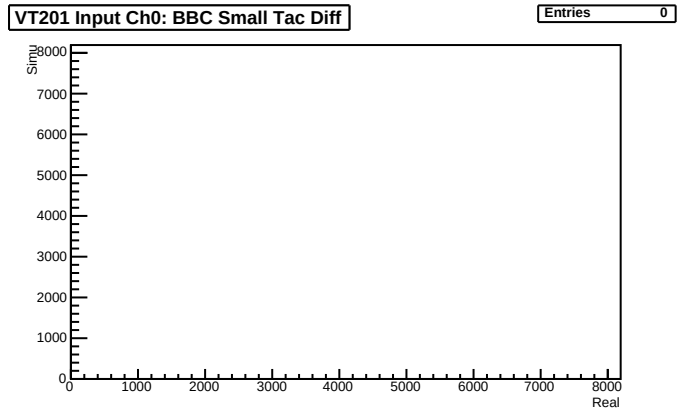

zdcWestTac
Entries 334608

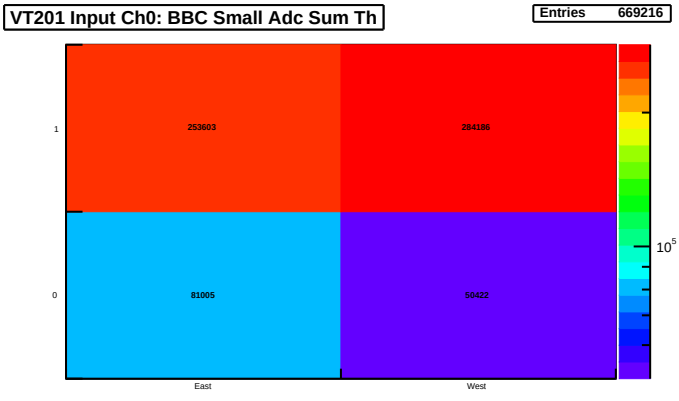

zdcWestTacVsSimu
Entries 2464
Data
Simu

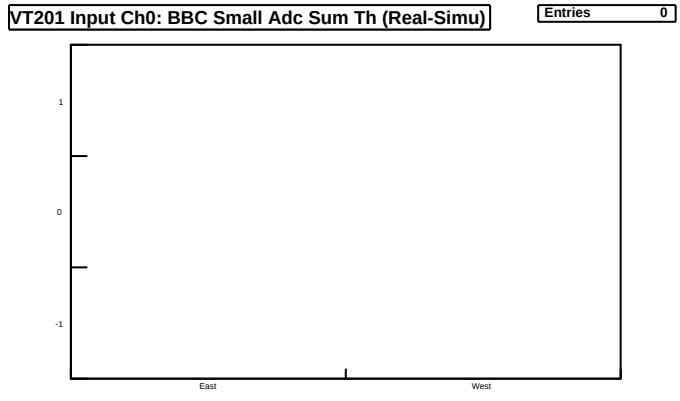

zdcAdcSum
Entries 4015296
33638
4529
22
16
7
5
79754
5795
53
48
39
30
300970
330079
334586
334592
334601
334603
254654
328813
334555
334560
334569
334578
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

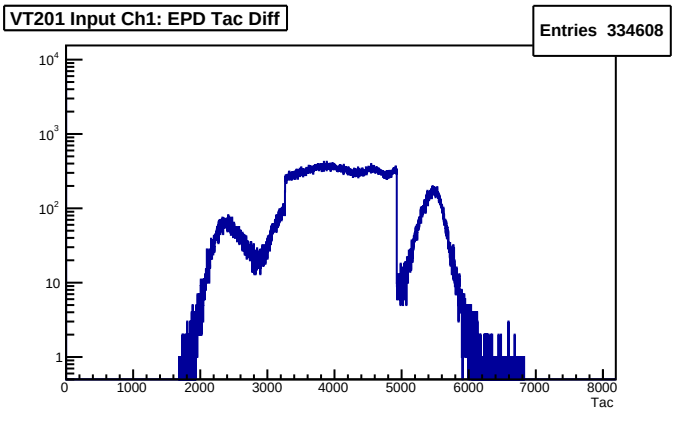

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

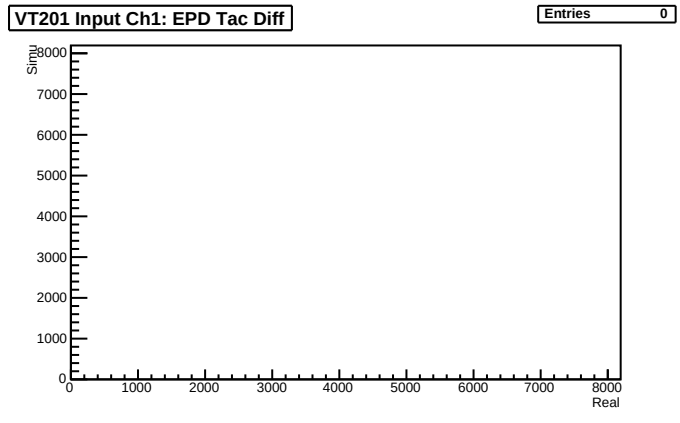

VT201 Input Ch0: BBC Small Tac Diff
Entries 334608
Tac

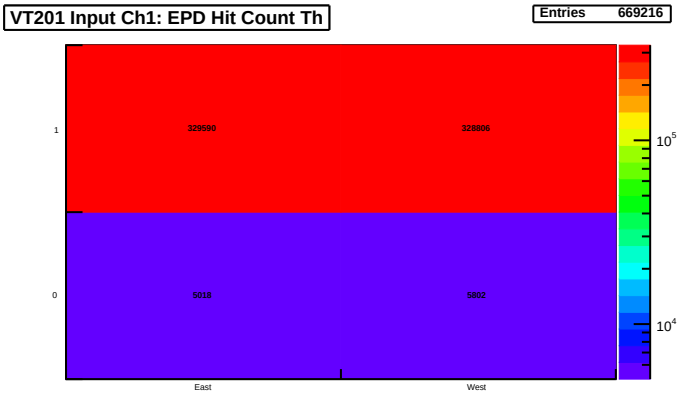

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

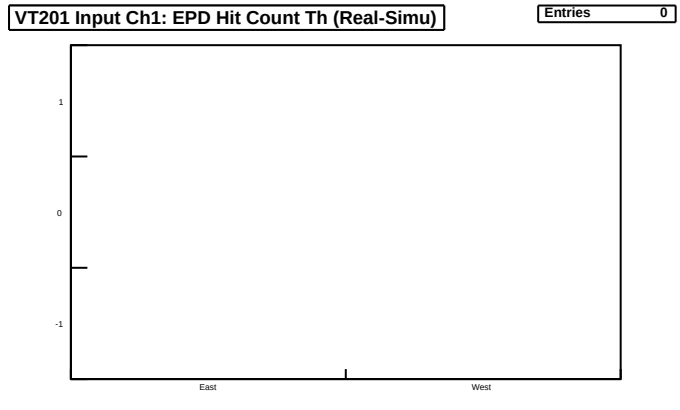

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 669216
253603
284186
81005
50422
East
West

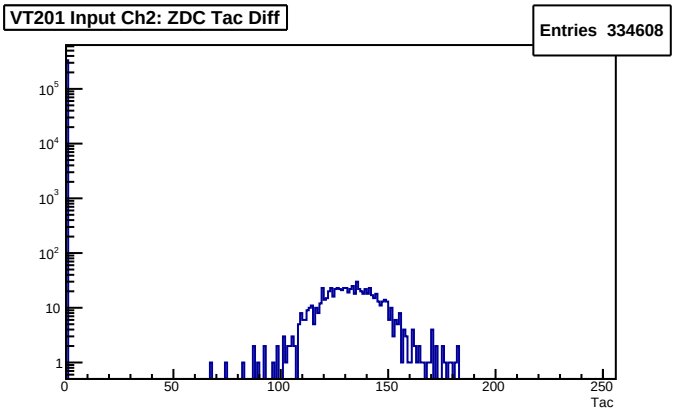

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

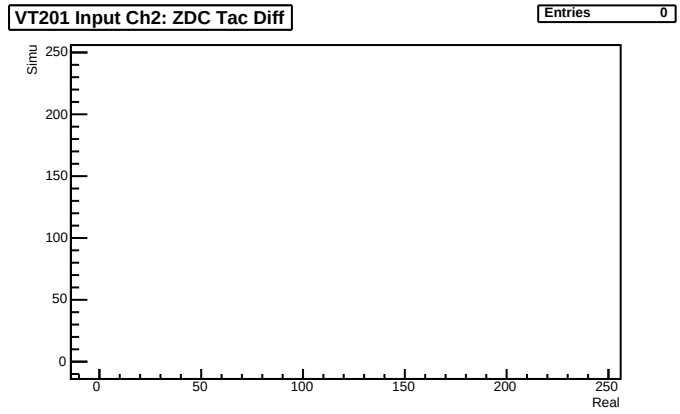

VT201 Input Ch1: EPD Tac Diff
Entries 334608
Tac

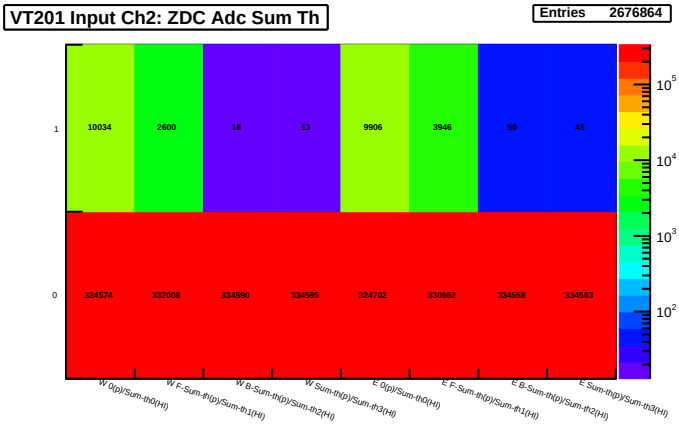

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

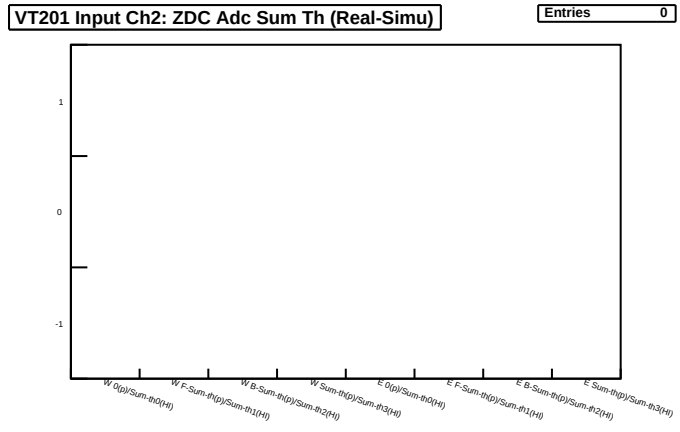

VT201 Input Ch1: EPD Hit Count Th
Entries 669216
329590
328806
5018
5802
East
West

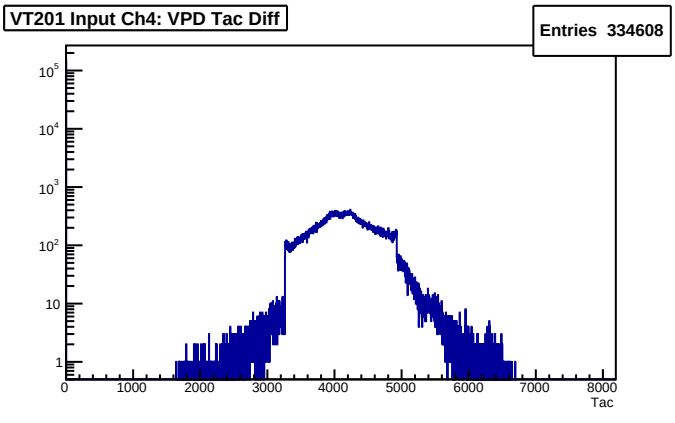

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

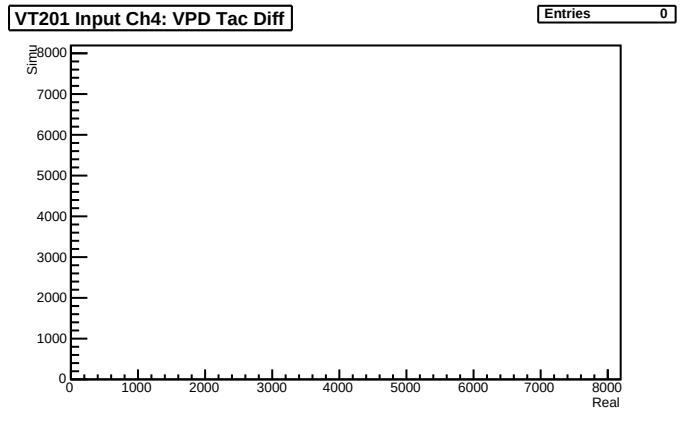

VT201 Input Ch2: ZDC Tac Diff
Entries 334608
Tac

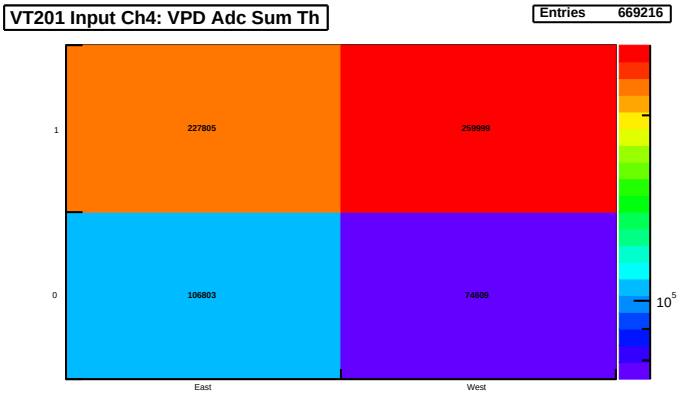

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

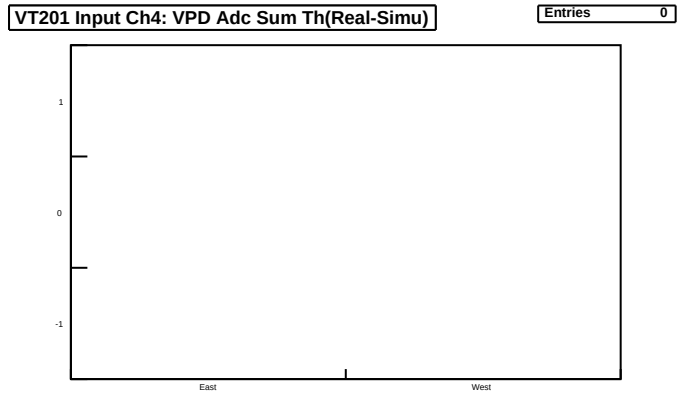

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2676864
10034
2600
18
13
9906
3946
50
45
324574
332008
334590
334595
324702
330662
334558
334563
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

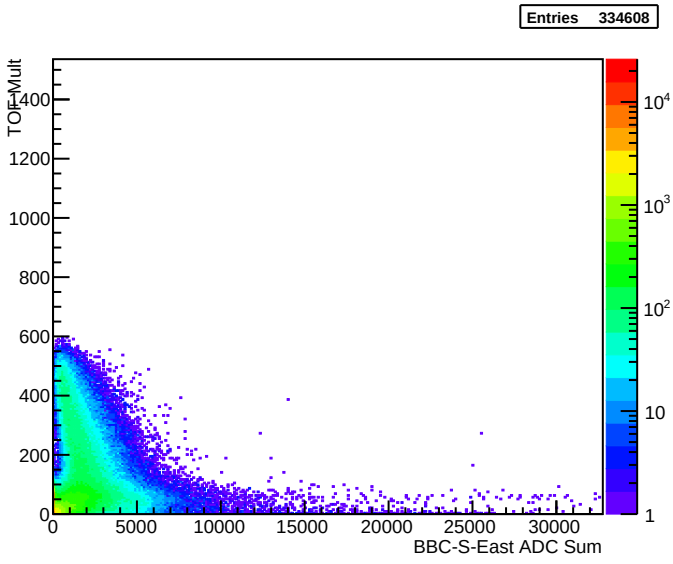

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

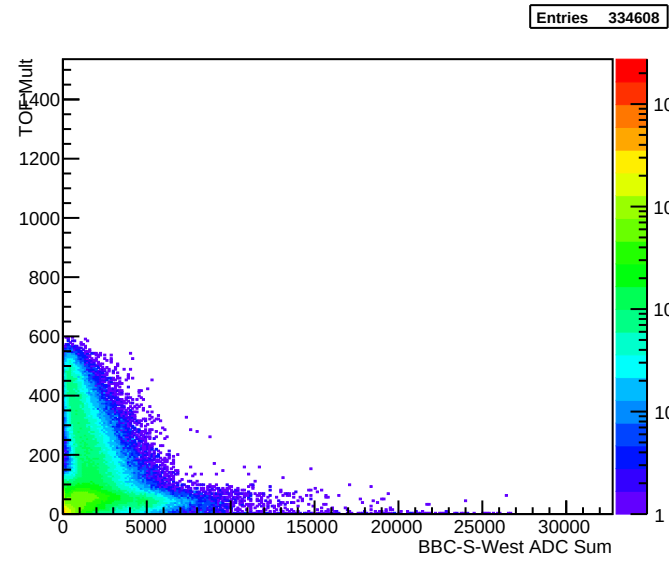

VT201 Input Ch4: VPD Tac Diff
Entries 334608
Tac

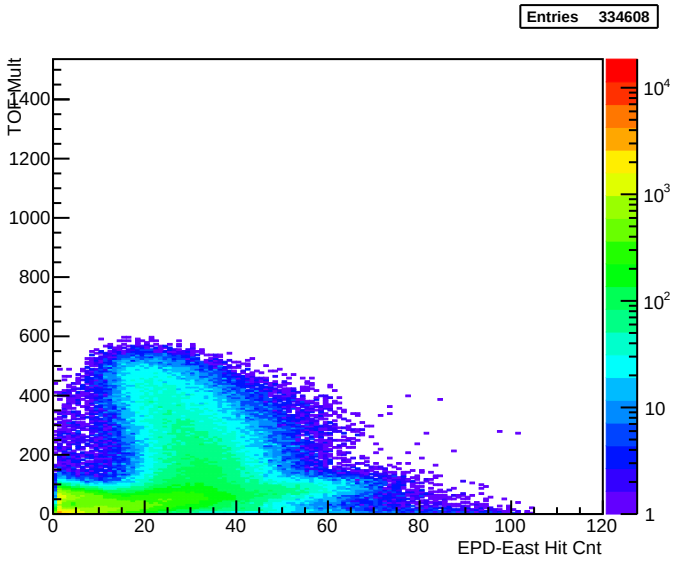

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

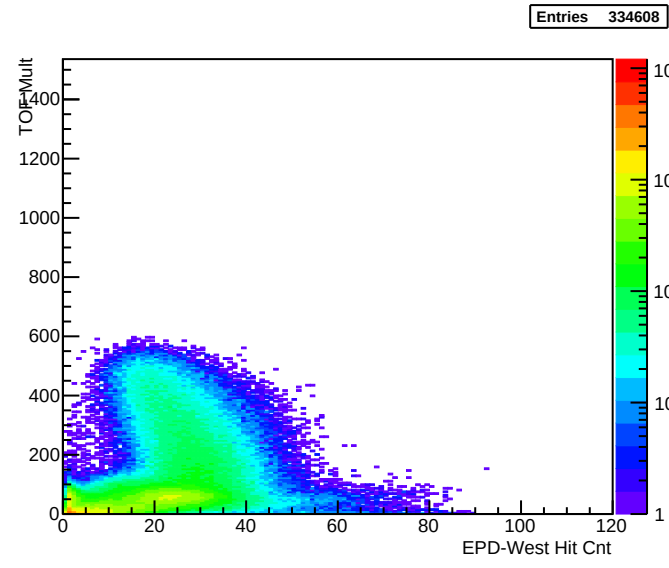

VT201 Input Ch4: VPD Adc Sum Th
Entries 669216
227805
259999
106803
74609
East
West

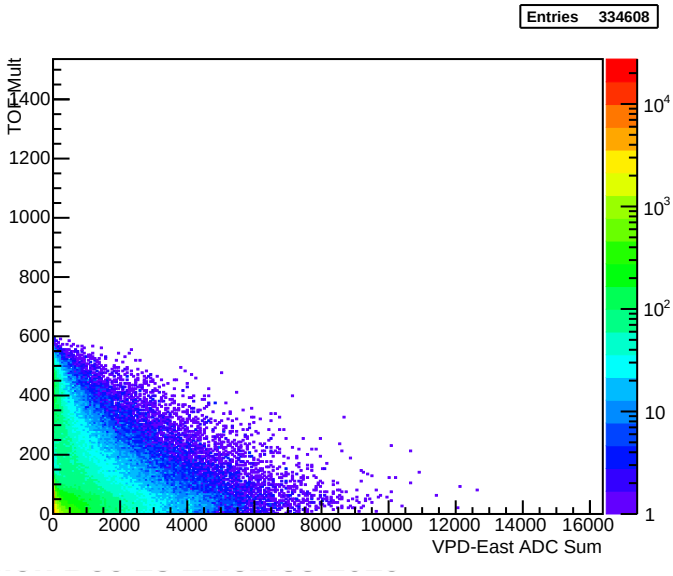

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

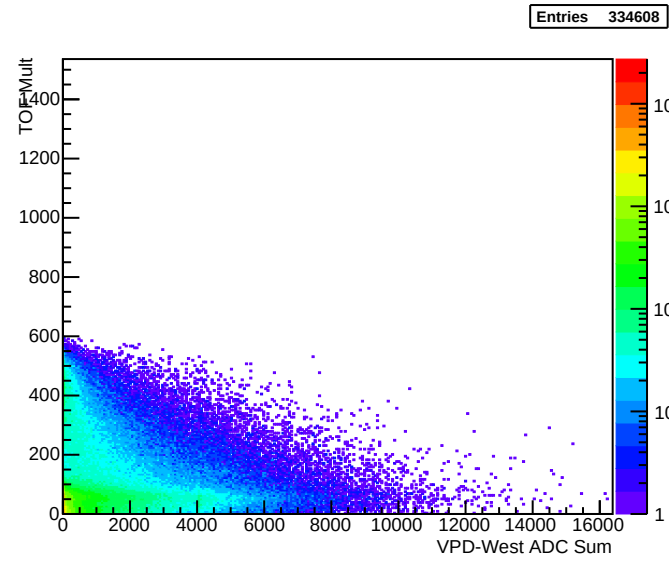

Entries 334608
TOF-Mult
BBC-S-East ADC Sum

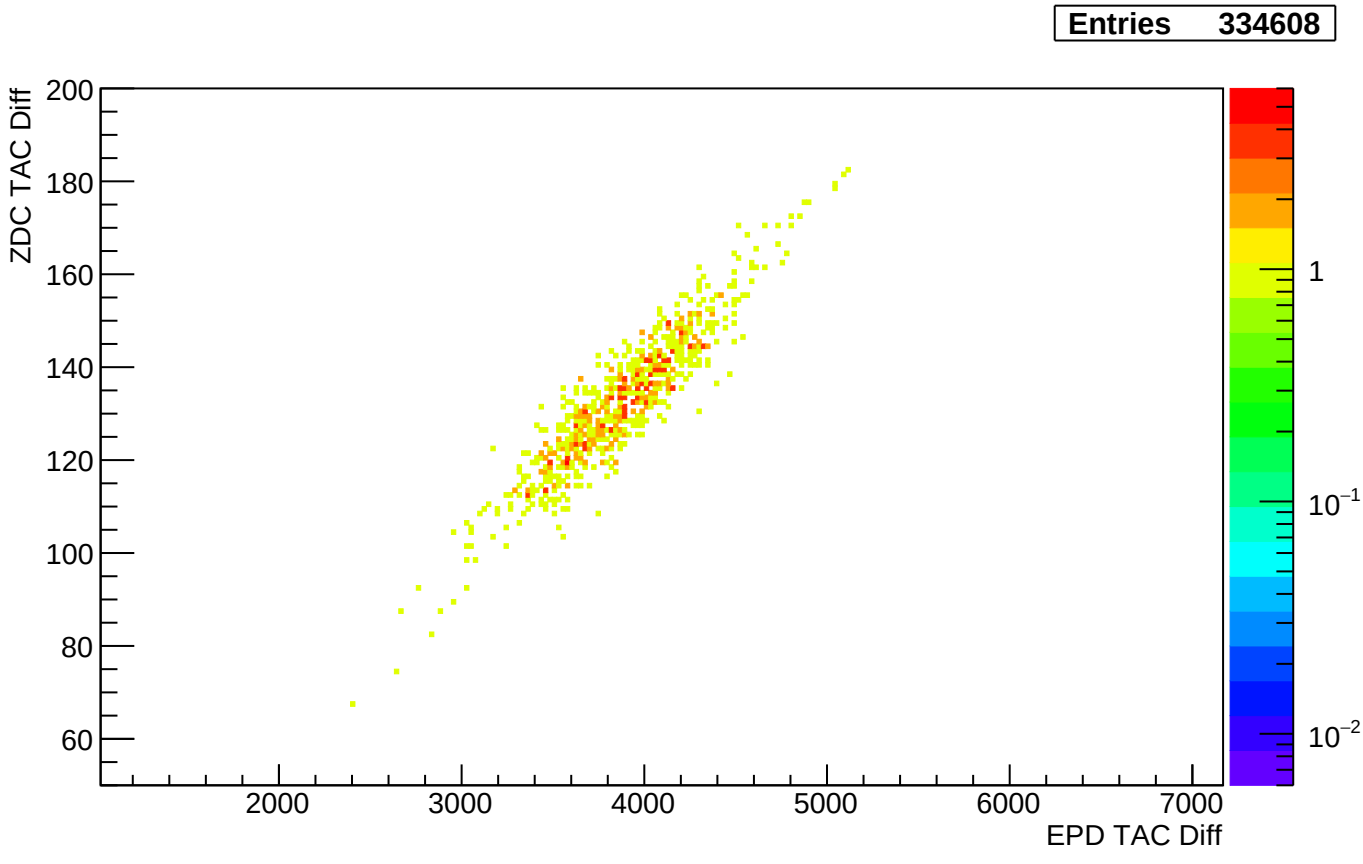

Entries 334608
TOF-Mult
BBC-S-West ADC Sum

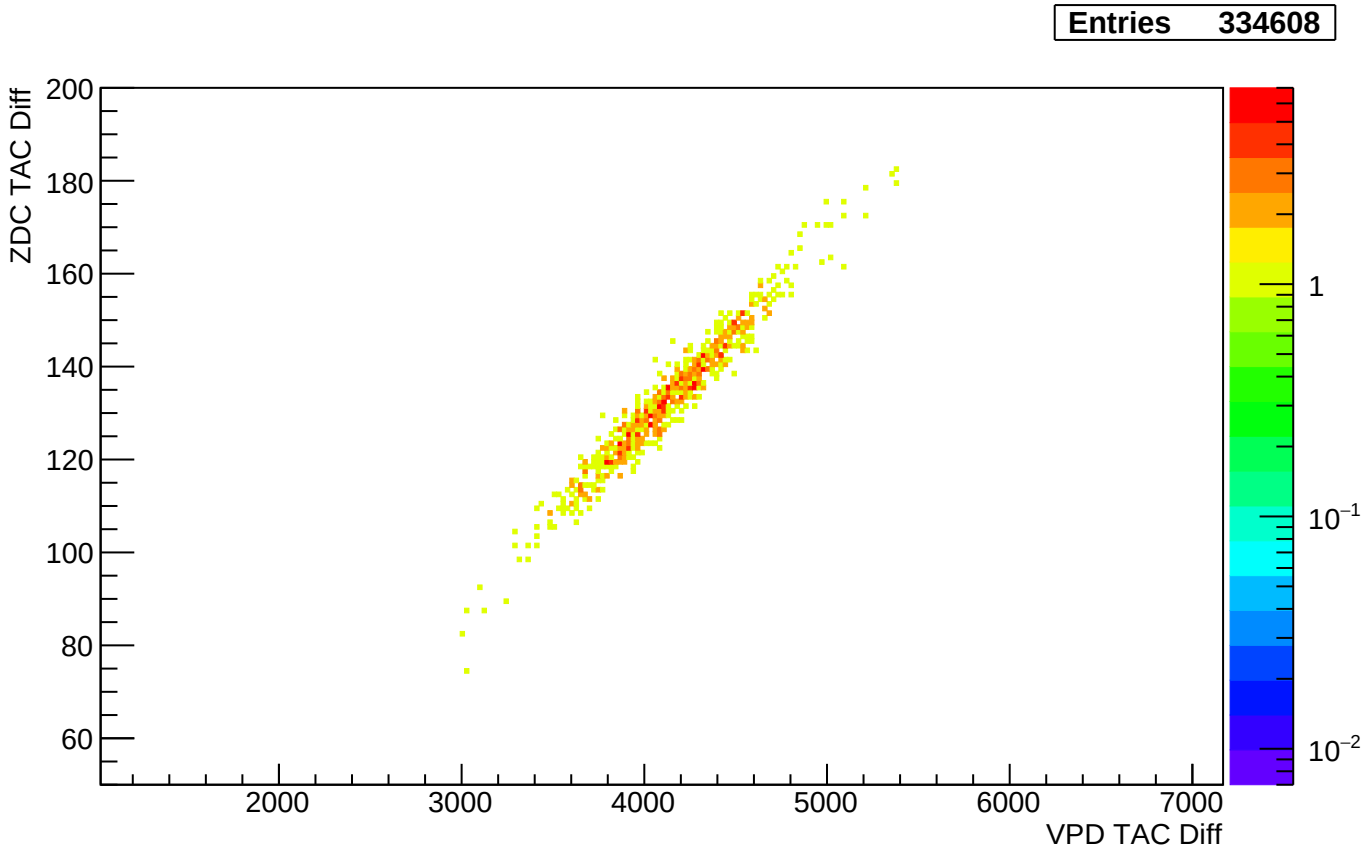

Entries 334608
TOF-Mult
EPD-East Hit Cnt

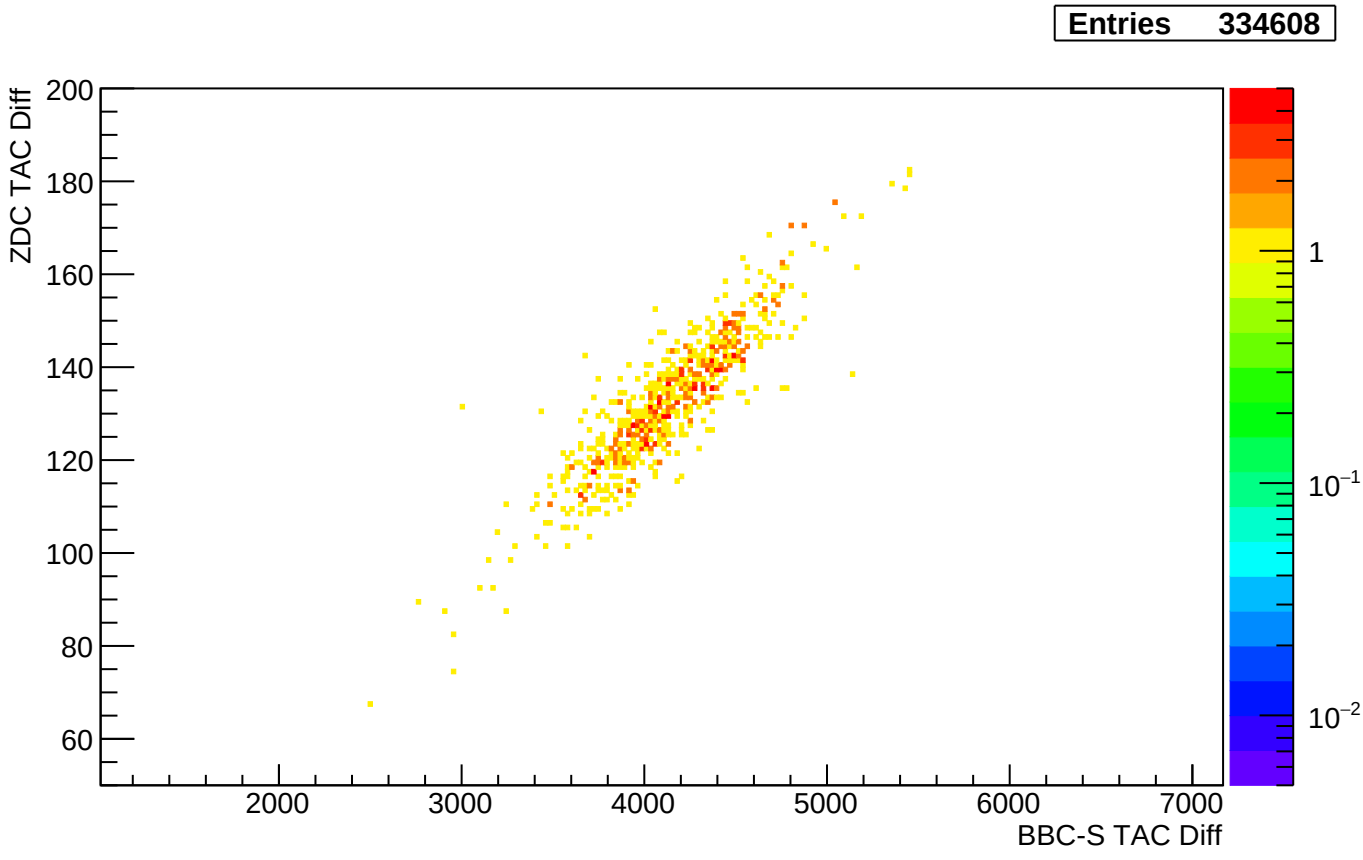

Entries 334608
TOF-Mult
EPD-West Hit Cnt

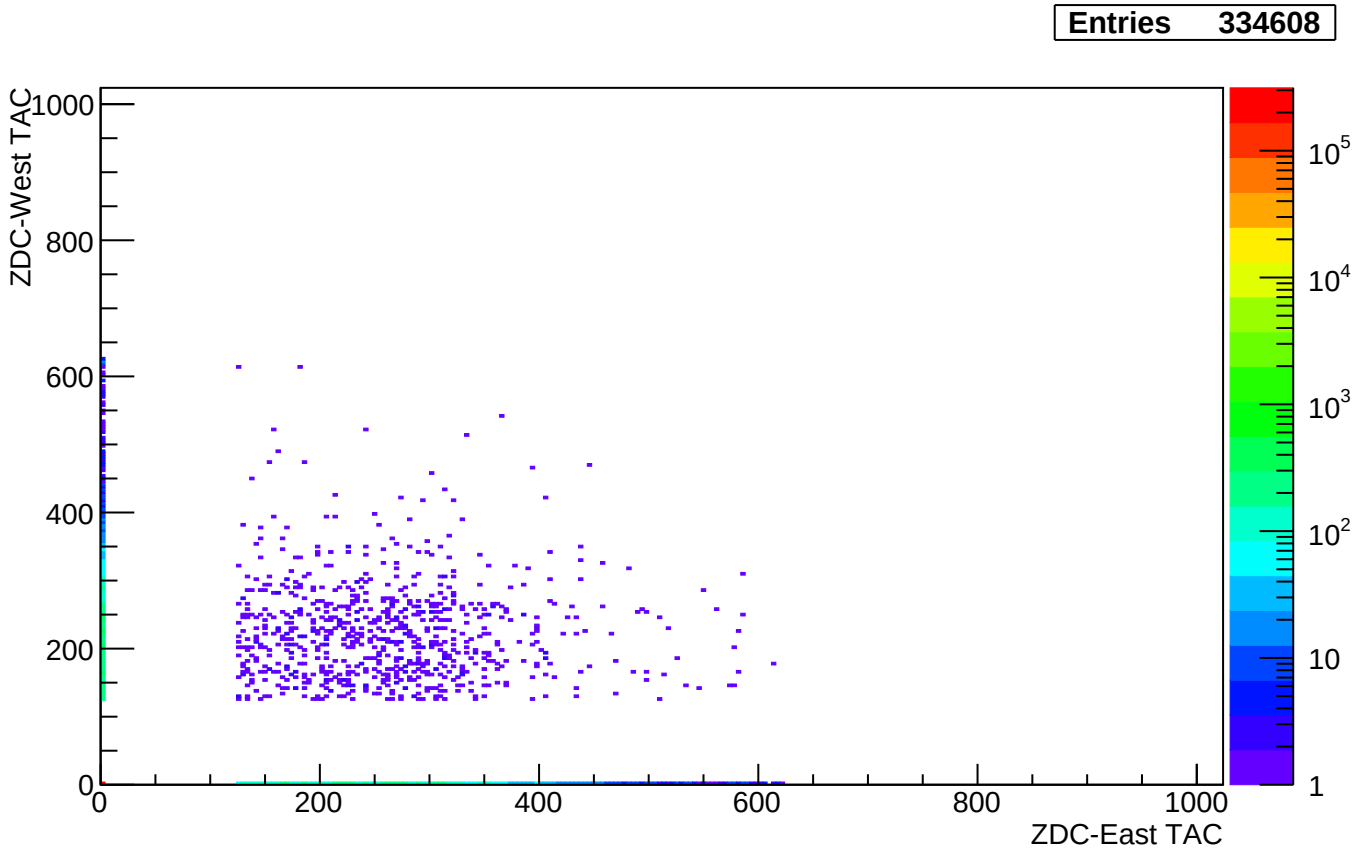

Entries 334608
TOF-Mult
VPD-East ADC Sum

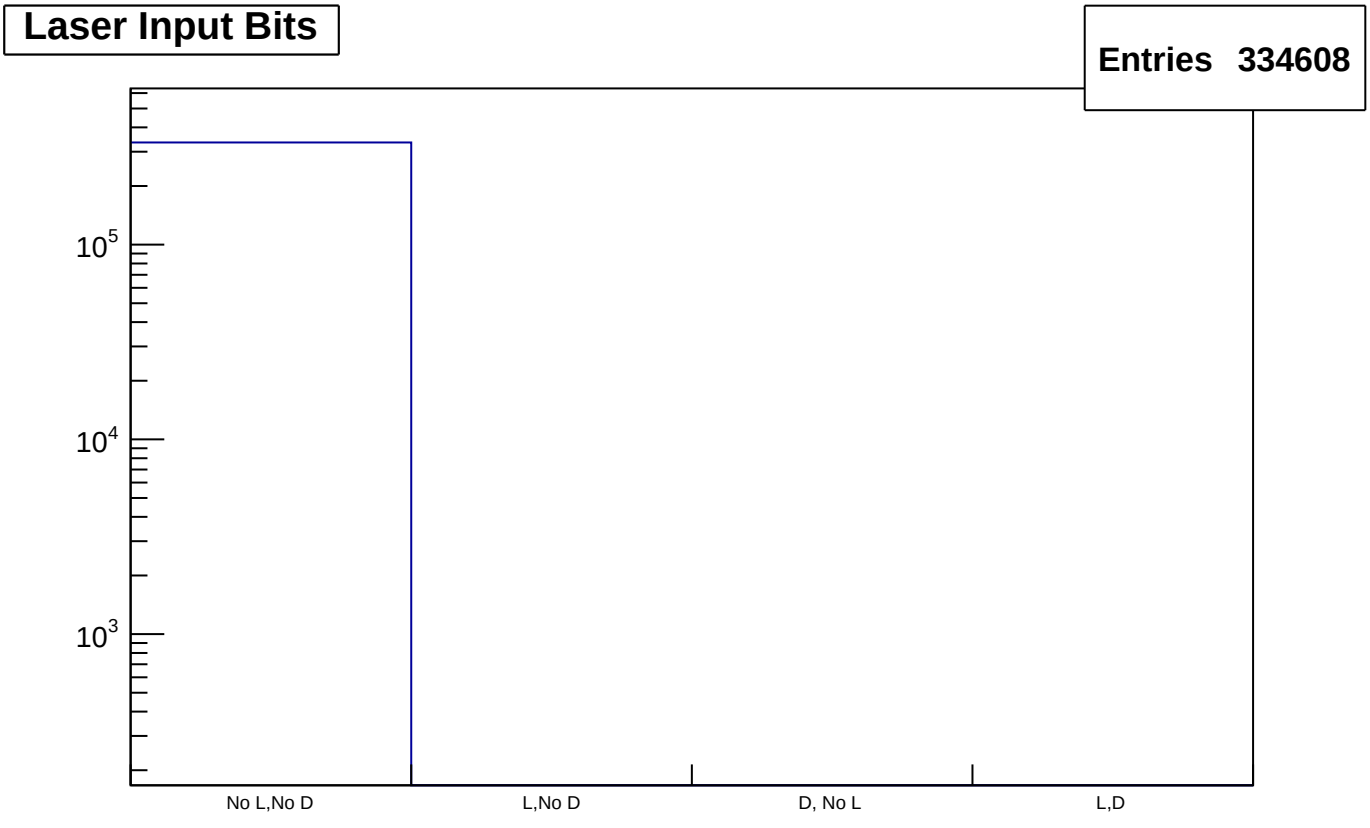

Entries 334608
TOF-Mult
VPD-West ADC Sum

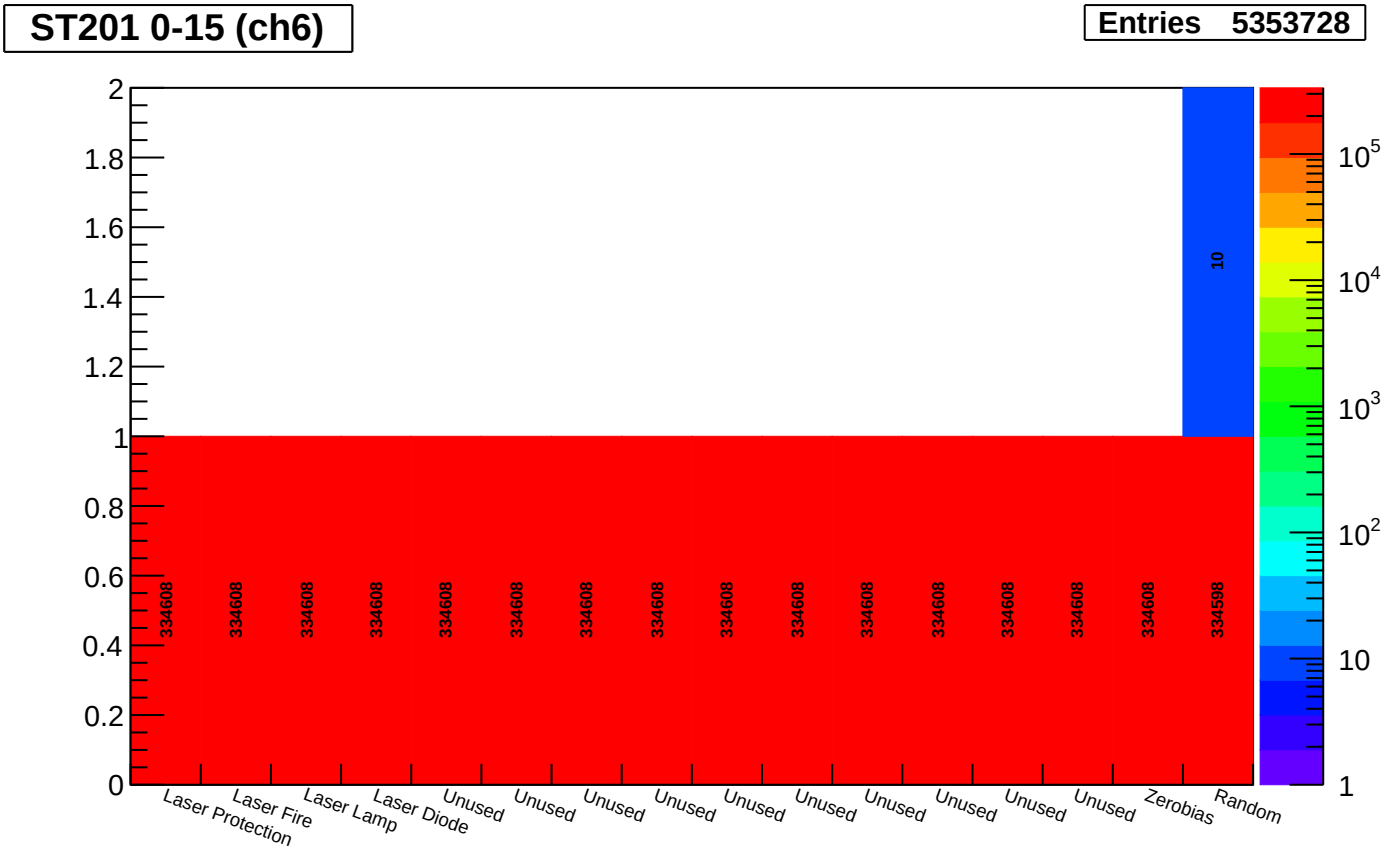

Entries 334608
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

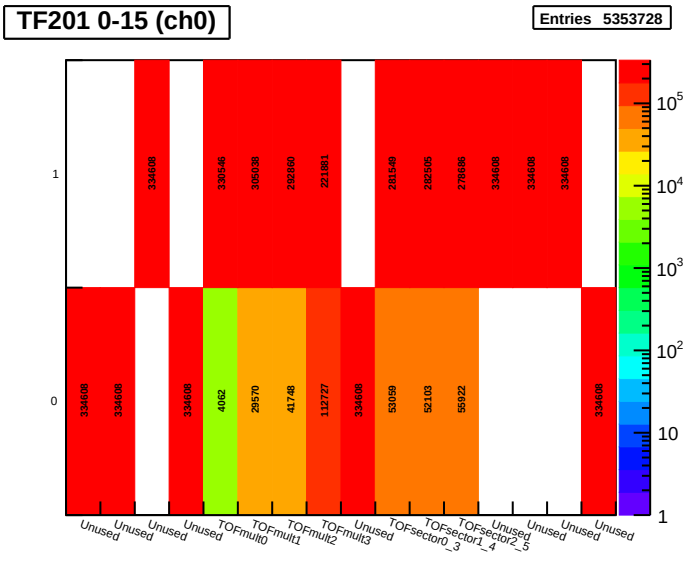

Entries 334608
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

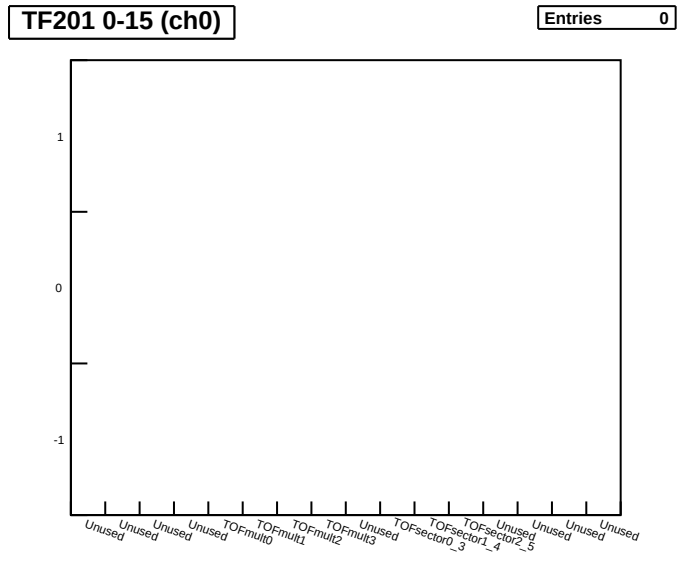

Entries 334608
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
$10^{-1}$
$10^{-2}$

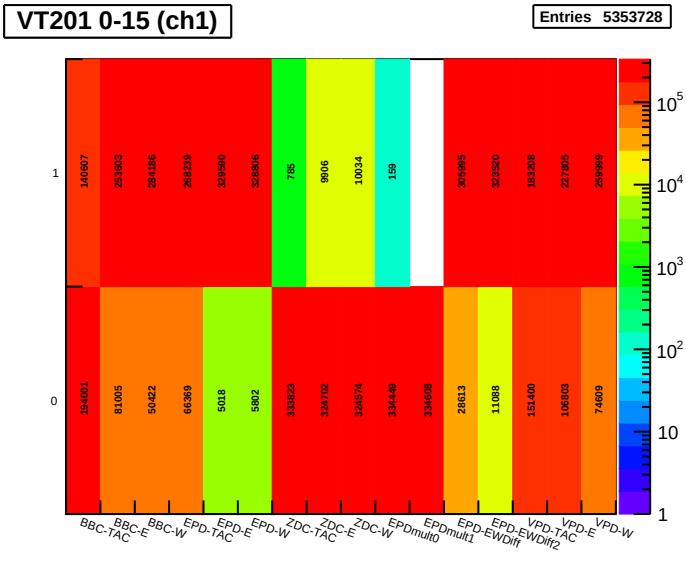

Entries 334608
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
$10^5$
$10^4$
$10^3$
$10^2$
10
1

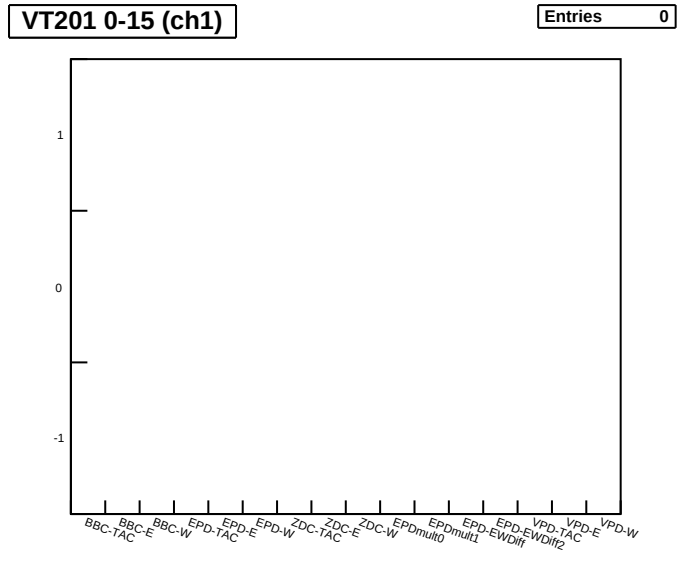

Laser Input Bits
Entries 334608
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

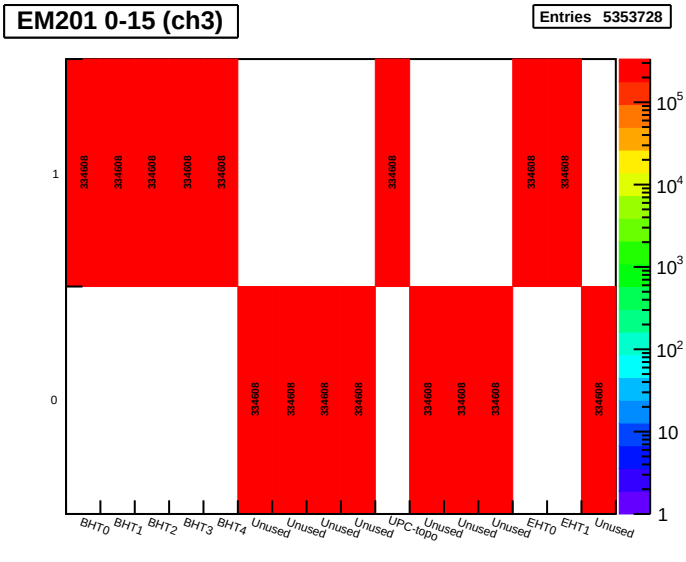

ST201 0-15 (ch6)
Entries 5353728
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
334608
334608
334608
334608
334608
334608
334608
334608
334608
334608
334608
334608
334608
334608
334608
334598
10
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

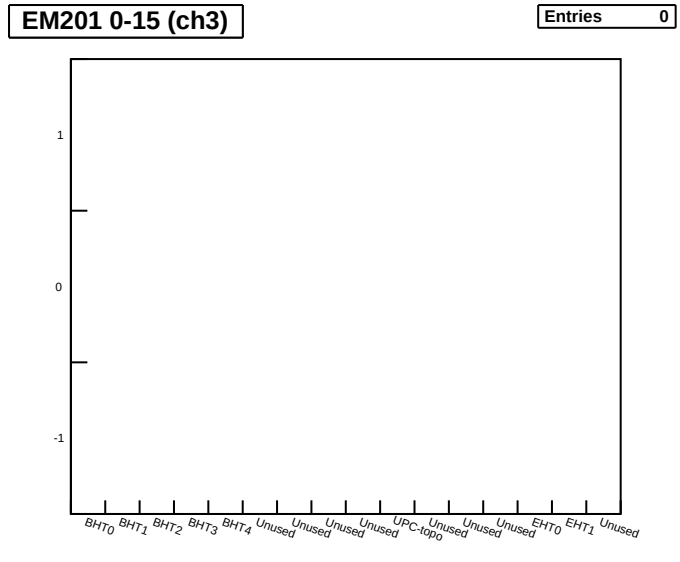

TF201 0-15 (ch0)
Entries 5353728
1
0
334608
330546
305038
292860
221881
231549
292505
276666
334608
334608
334608
334608
334608
334608
4062
29570
41748
112727
334608
53059
52103
55922
334608
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
$10^5$
$10^4$
$10^3$
$10^2$
10
1


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


VT201 0-15 (ch1)
Entries 5353728
1
0
140607
253603
284186
268239
329590
328806
785
9906
10034
159
305995
323520
183208
227805
259999
194001
81005
50422
66369
5018
5802
333823
324702
324574
334449
334608
28613
11088
151400
106803
74609
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 5353728
1
0
334608
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
$10^5$
$10^4$
$10^3$
$10^2$
10
1


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