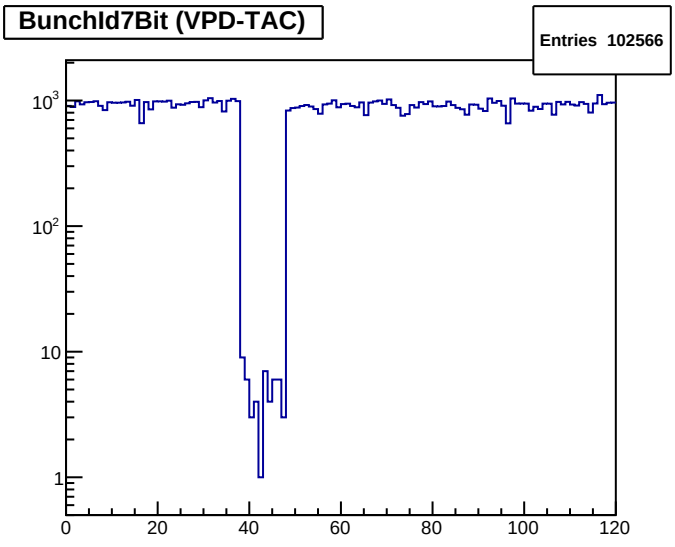
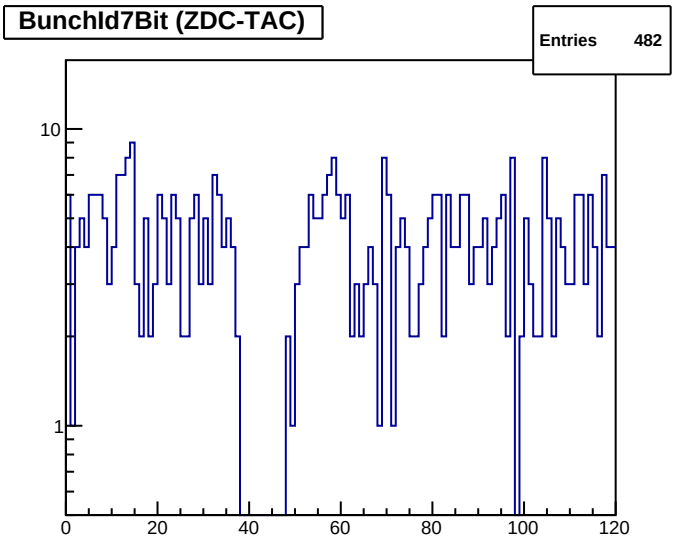
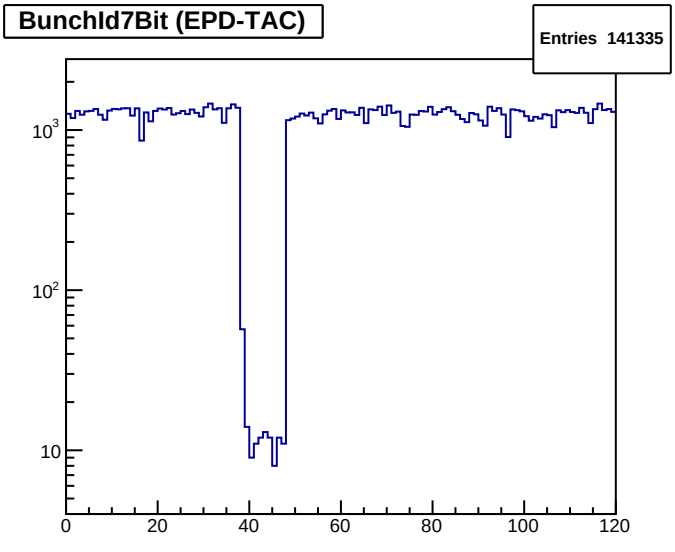
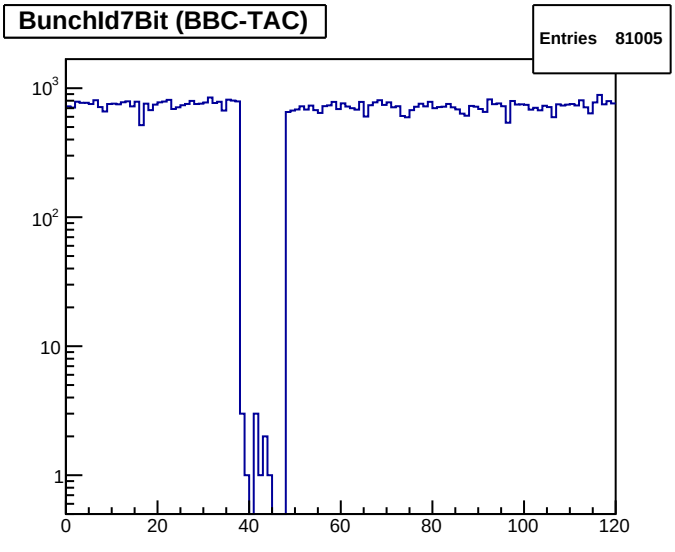
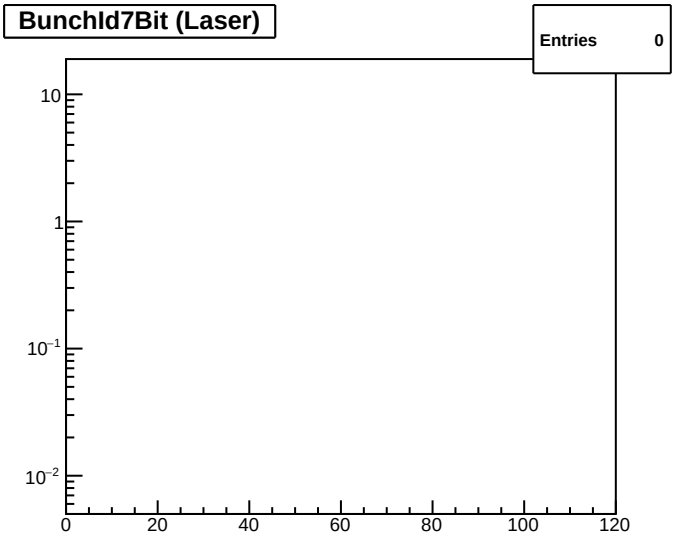
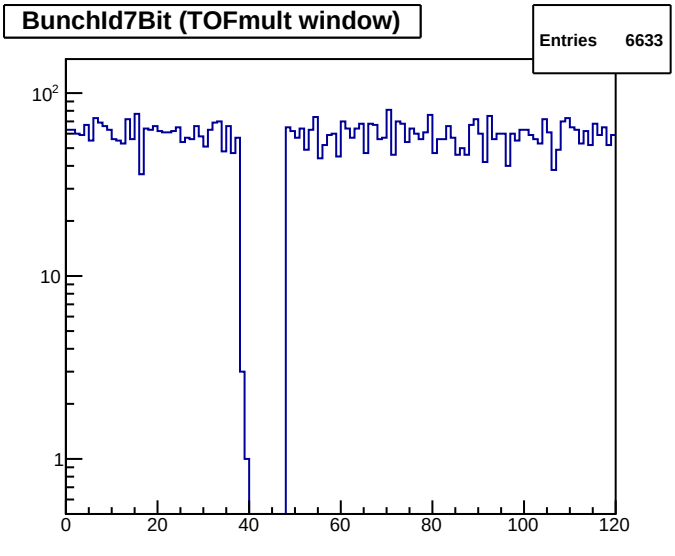

BunchId7Bit (VPD-TAC)
Entries 102566

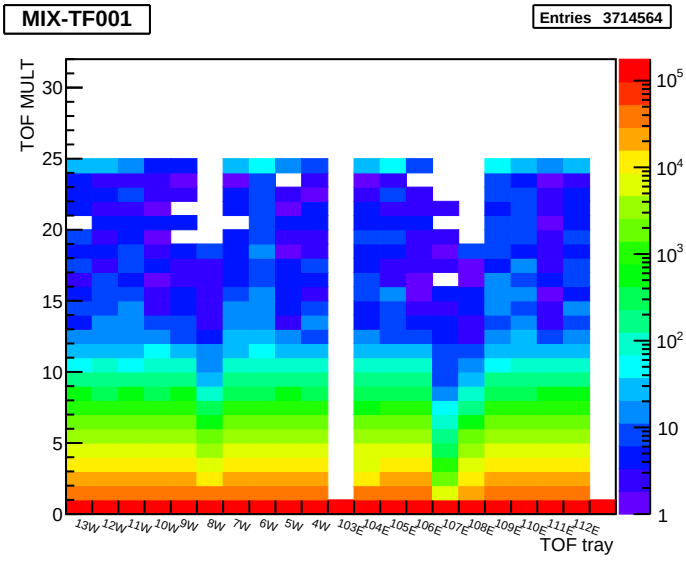

BunchId7Bit (ZDC-TAC)
Entries 482

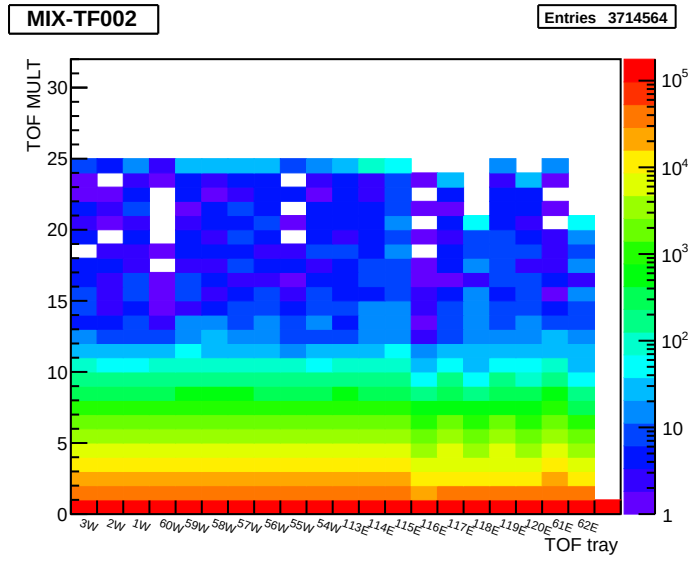

BunchId7Bit (EPD-TAC)
Entries 141335

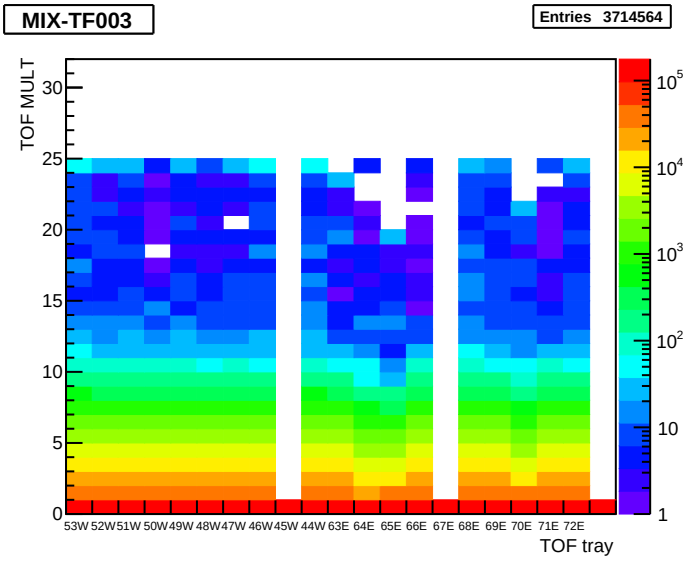

BunchId7Bit (BBC-TAC)
Entries 81005

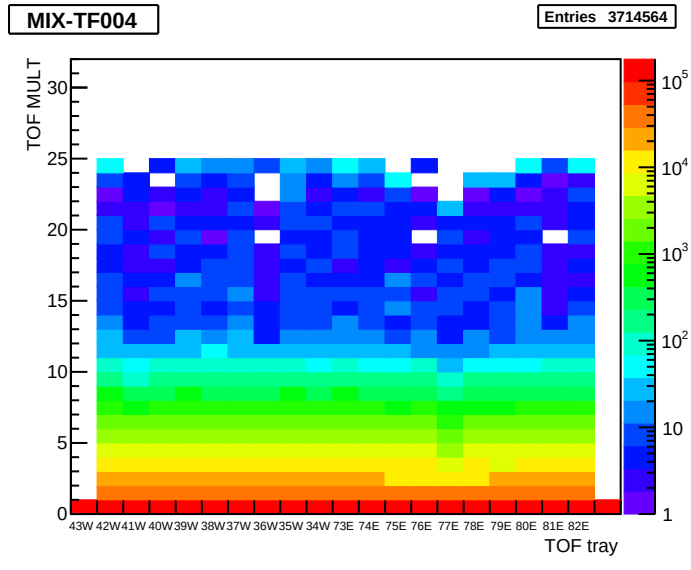

BunchId7Bit (Laser)
Entries 0

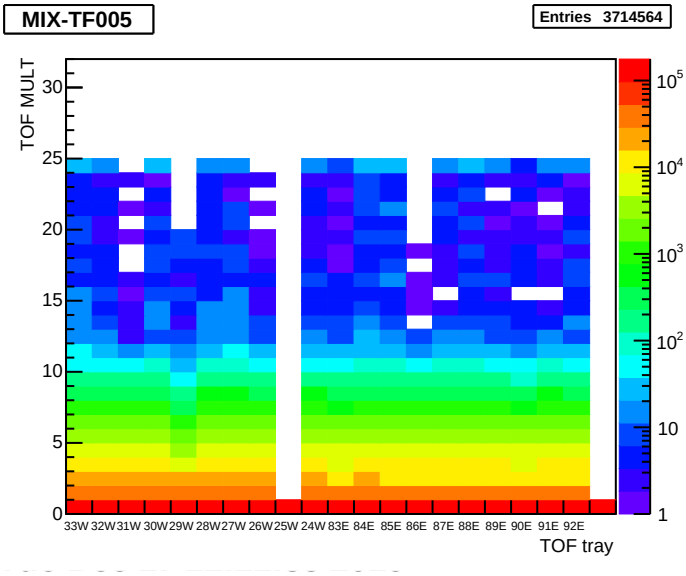

BunchId7Bit (TOFmult window)
Entries 6633

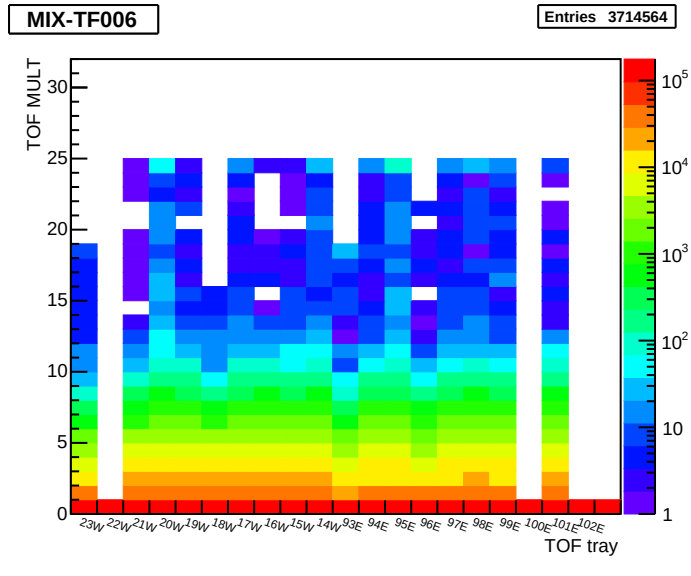

MIX-TF001
Entries 3714564
TOF MULT
TOF tray

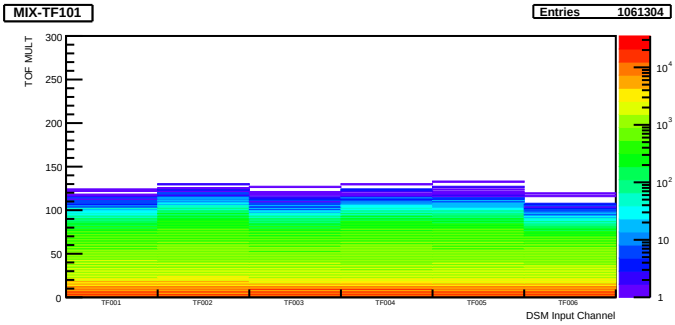

MIX-TF002
Entries 3714564
TOF MULT
TOF tray

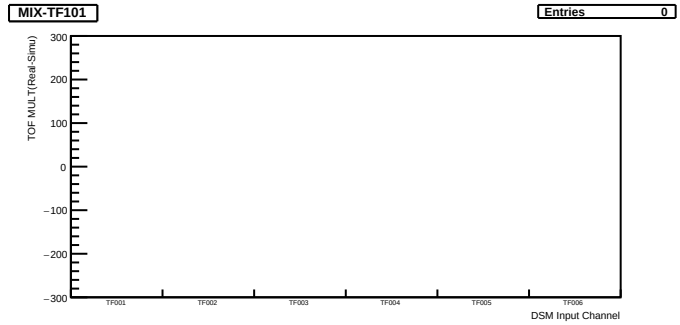

MIX-TF003
Entries 3714564
TOF MULT
TOF tray

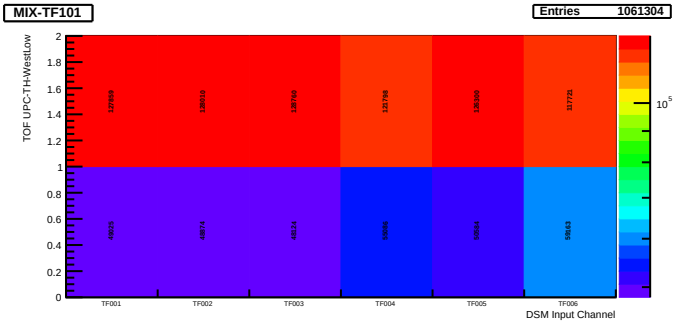

MIX-TF004
Entries 3714564
TOF MULT
TOF tray

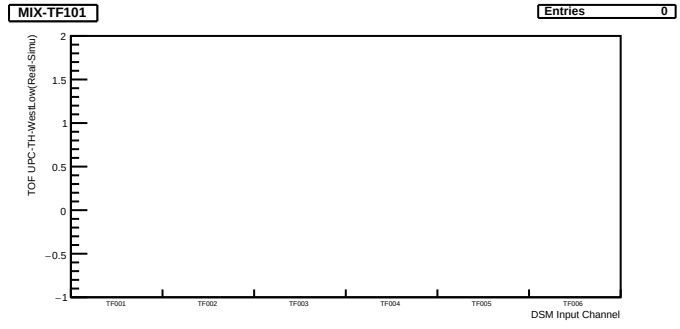

MIX-TF005
Entries 3714564
TOF MULT
TOF tray

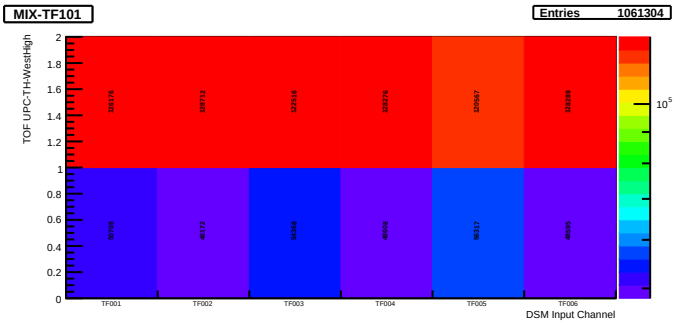

MIX-TF006
Entries 3714564
TOF MULT
TOF tray

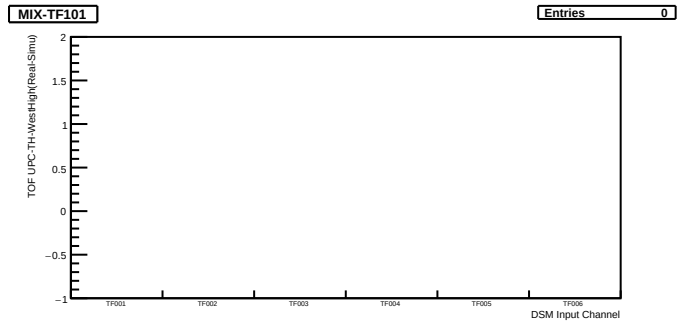

MIX-TF101
Entries 1061304
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

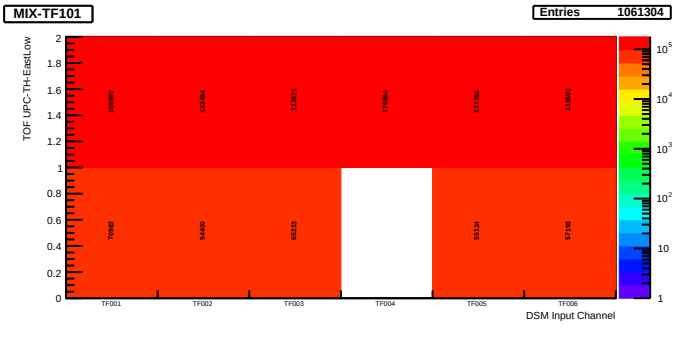

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

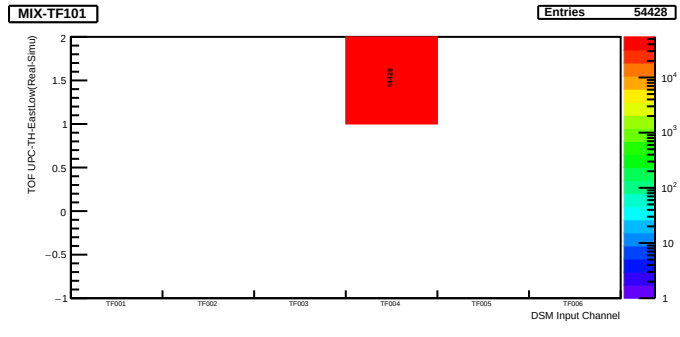

MIX-TF101
Entries 1061304
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

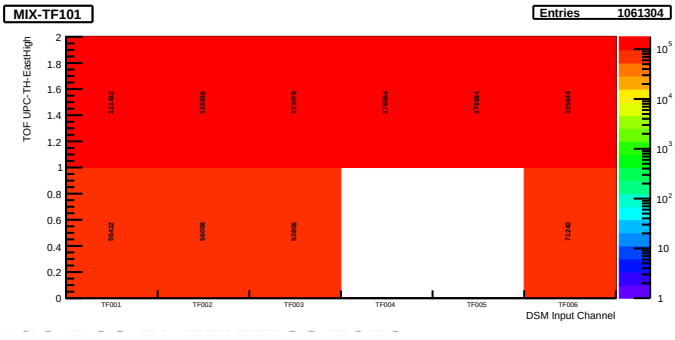

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

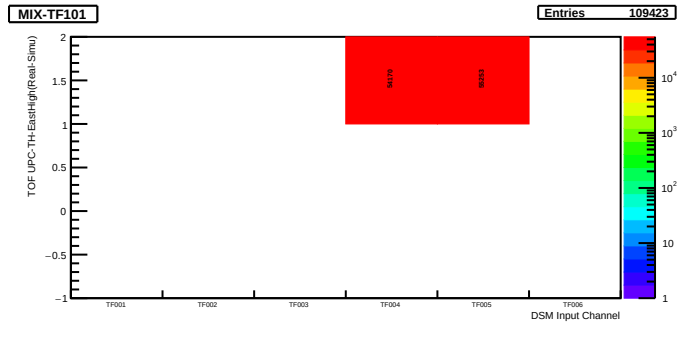

MIX-TF101
Entries 1061304
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

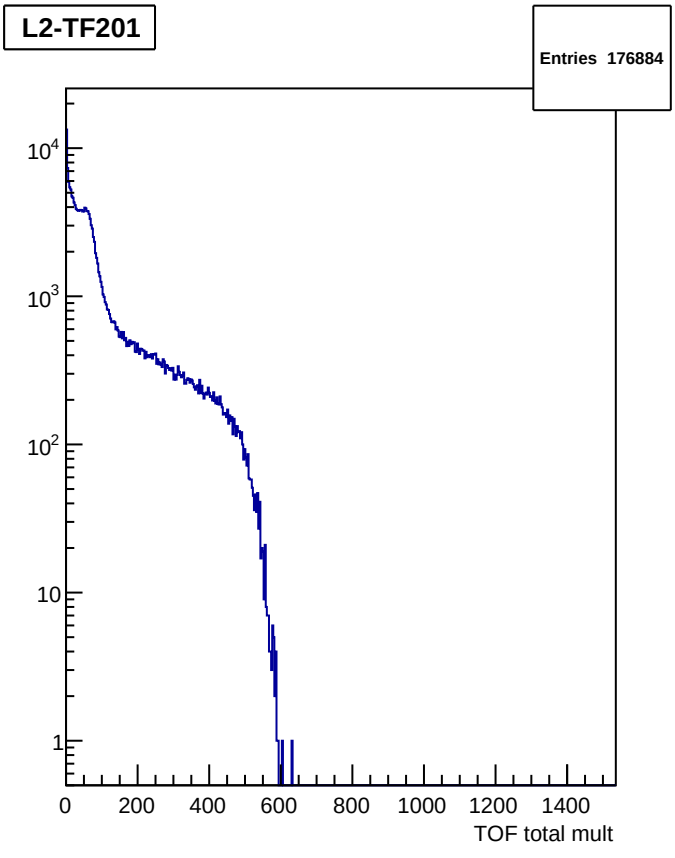

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

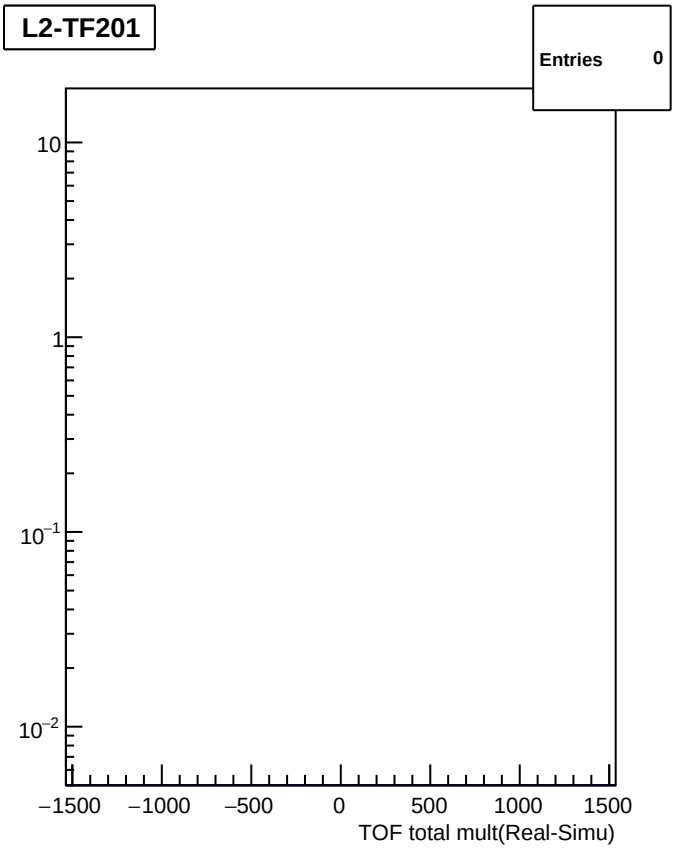

MIX-TF101
Entries 1061304
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

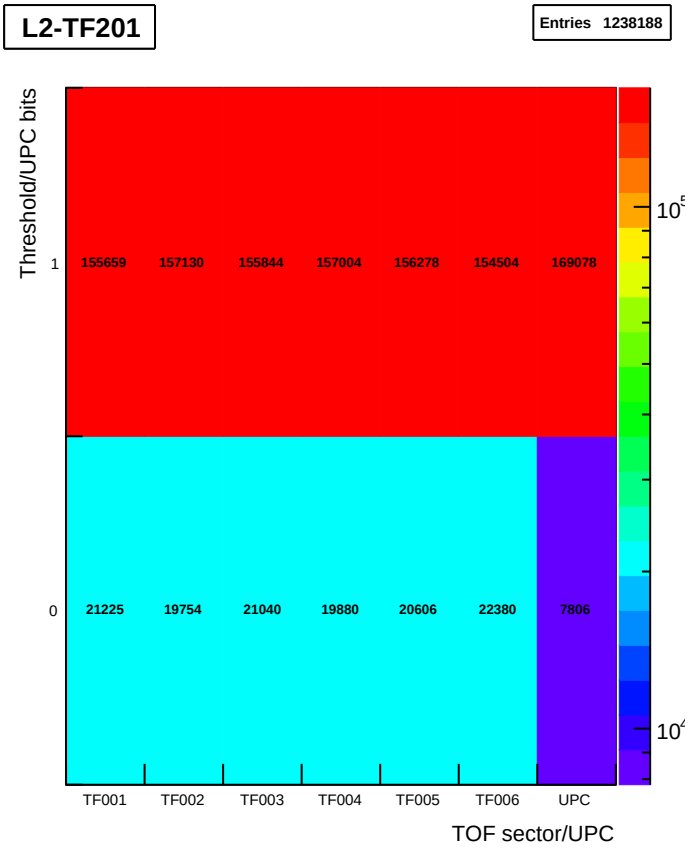

MIX-TF101
Entries 54428
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

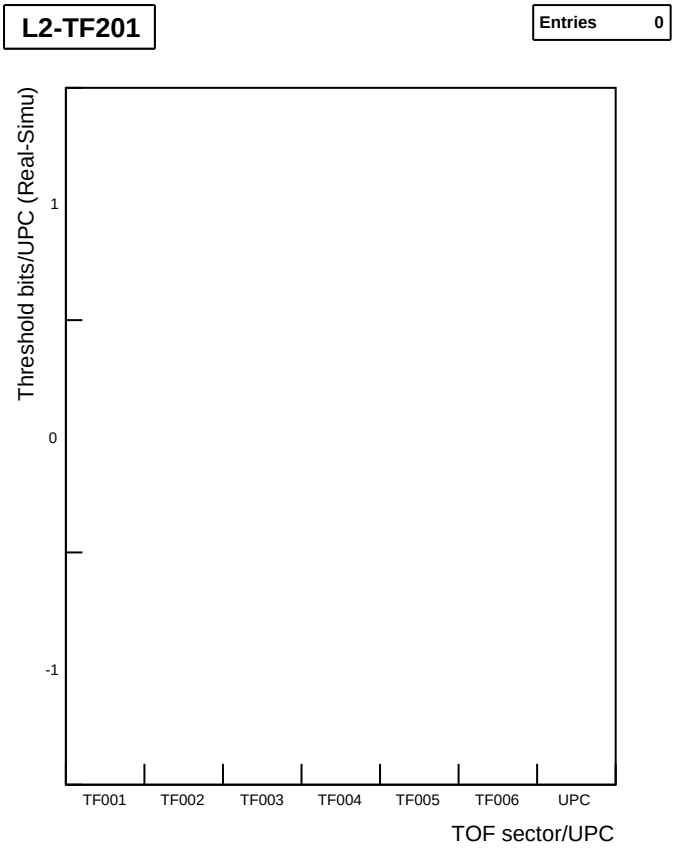

MIX-TF101
Entries 1061304
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

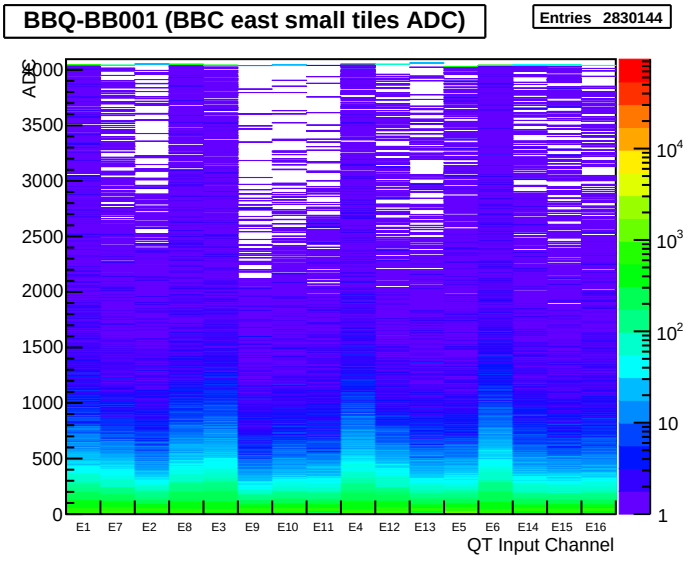

MIX-TF101
Entries 109423
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

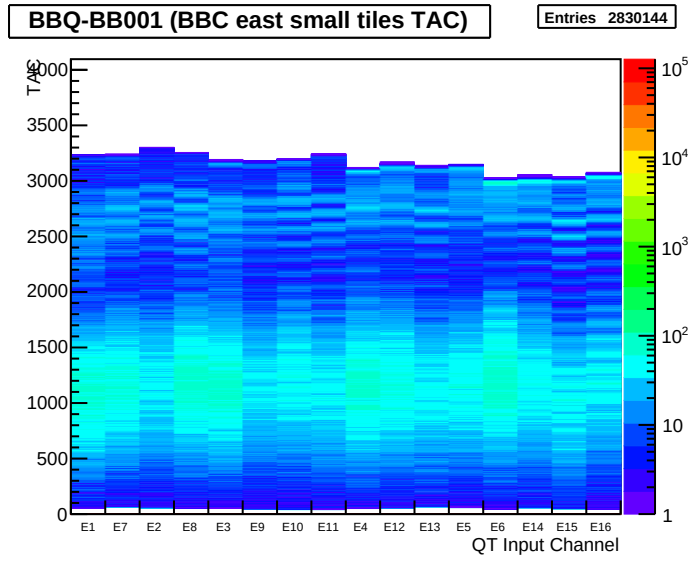

L2-TF201
Entries 176884
TOF total mult

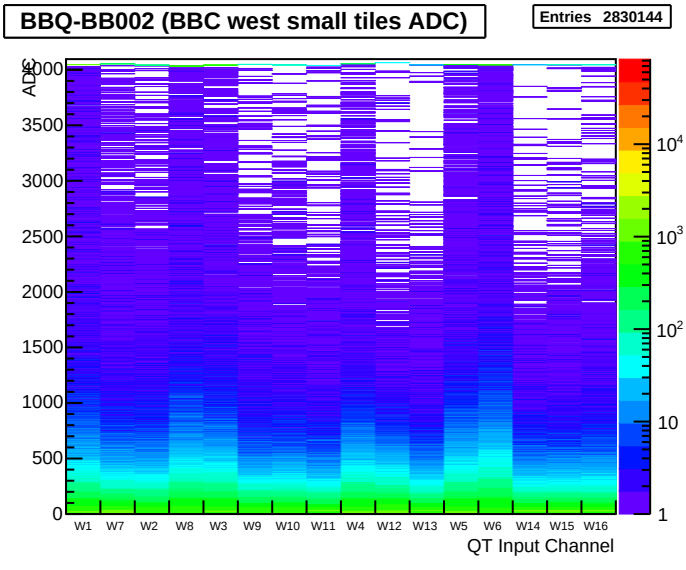

L2-TF201
Entries 0
TOF total mult(Real-Simu)

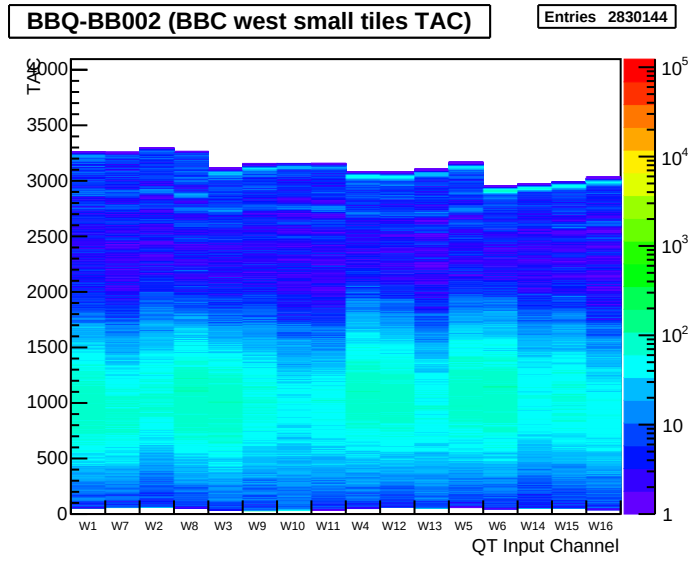

L2-TF201
Entries 1238188
Threshold/UPC bits
155659
157130
155844
157004
156278
154504
169078
21225
19754
21040
19880
20606
22380
7806
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

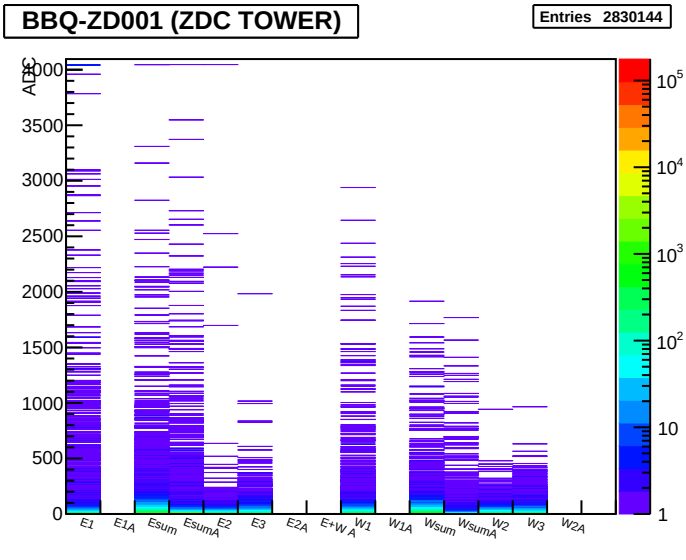

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

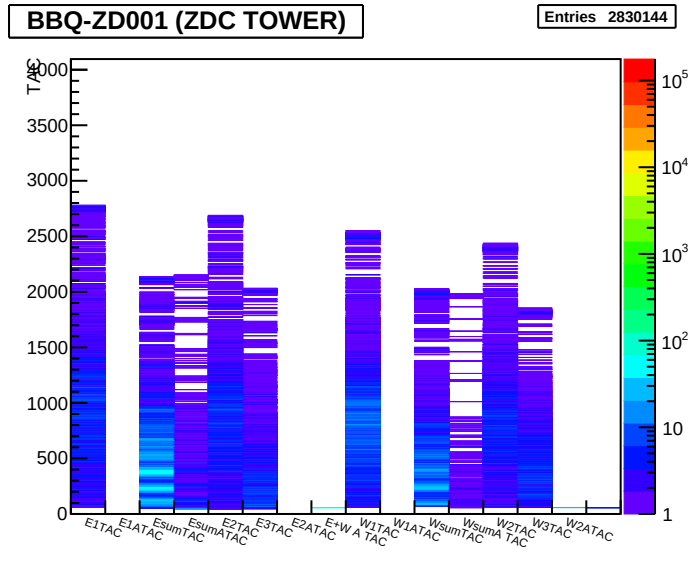

BBQ-BB001 (BBC east small tiles ADC)
Entries 2830144
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

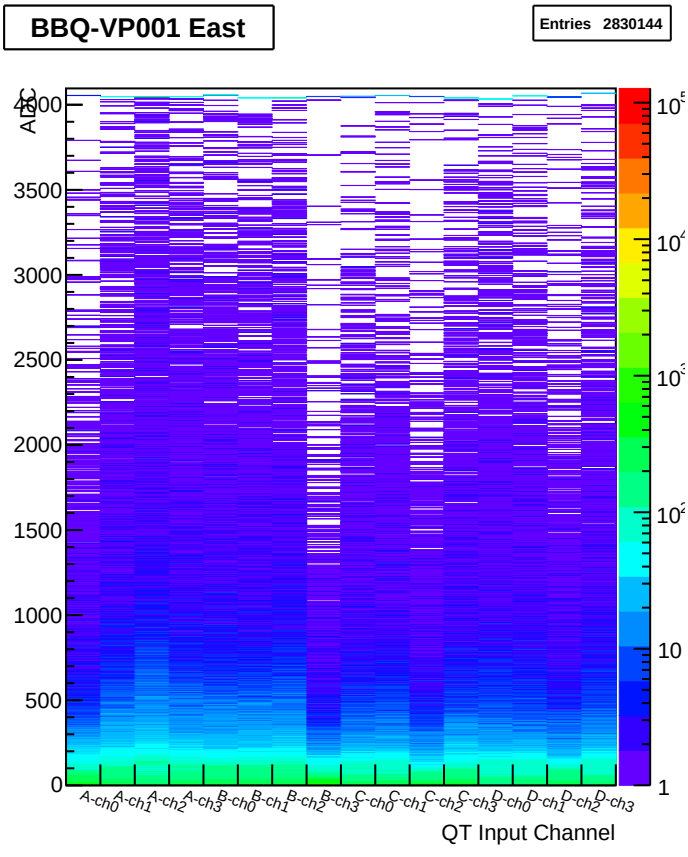

BBQ-BB001 (BBC east small tiles TAC)
Entries 2830144
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

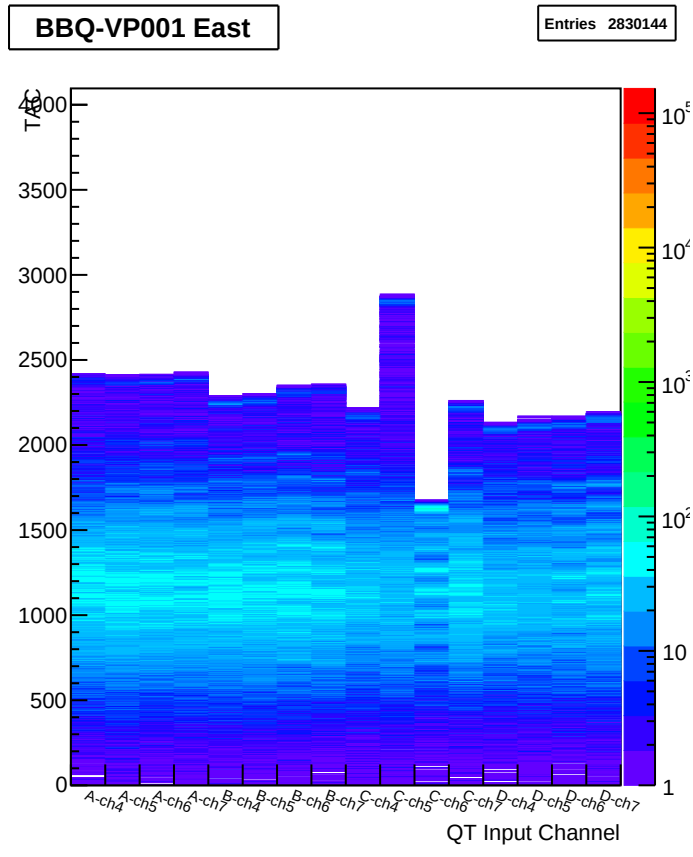

BBQ-BB002 (BBC west small tiles ADC)
Entries 2830144
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

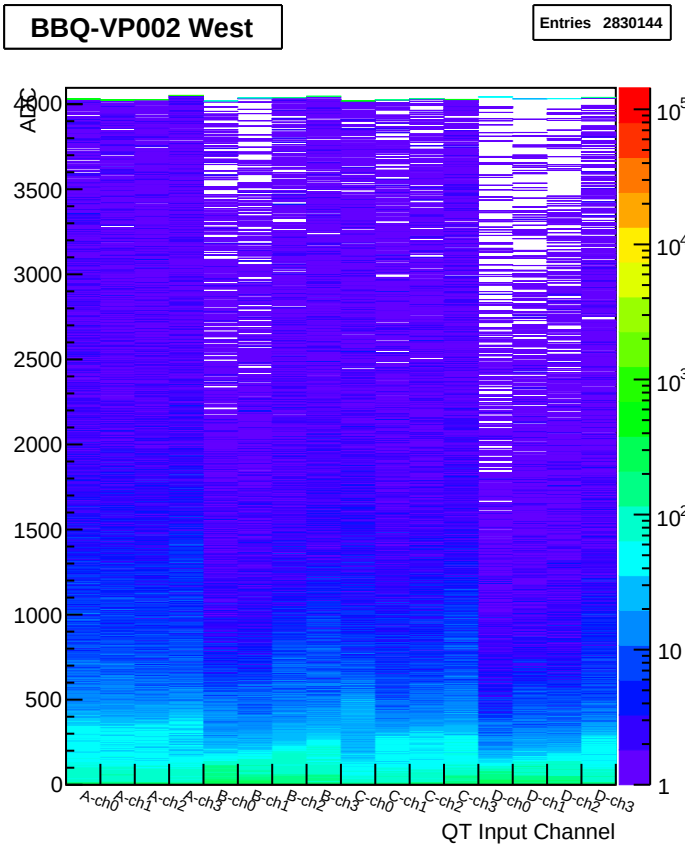

BBQ-BB002 (BBC west small tiles TAC)
Entries 2830144
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

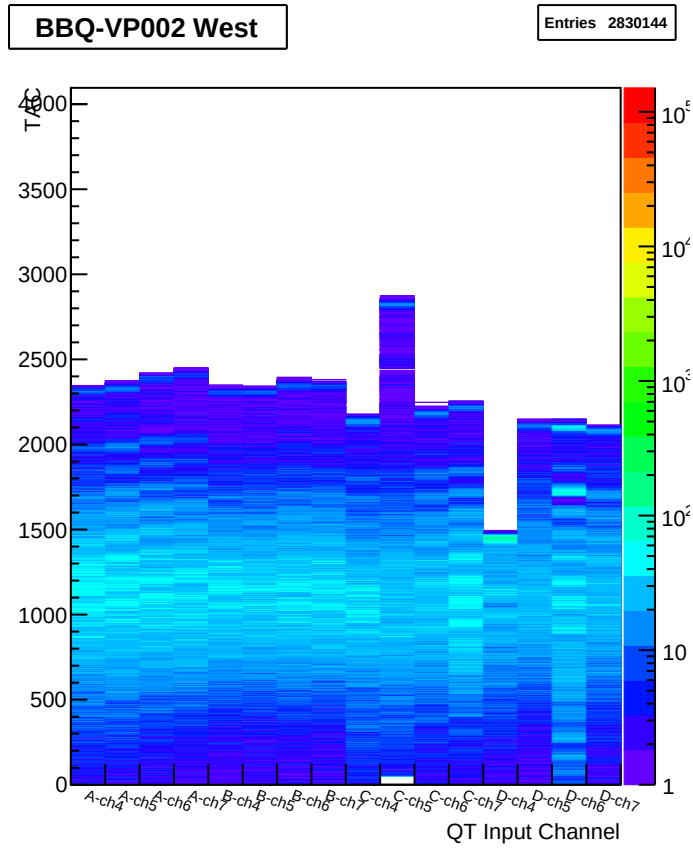

BBQ-ZD001 (ZDC TOWER)
Entries 2830144
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

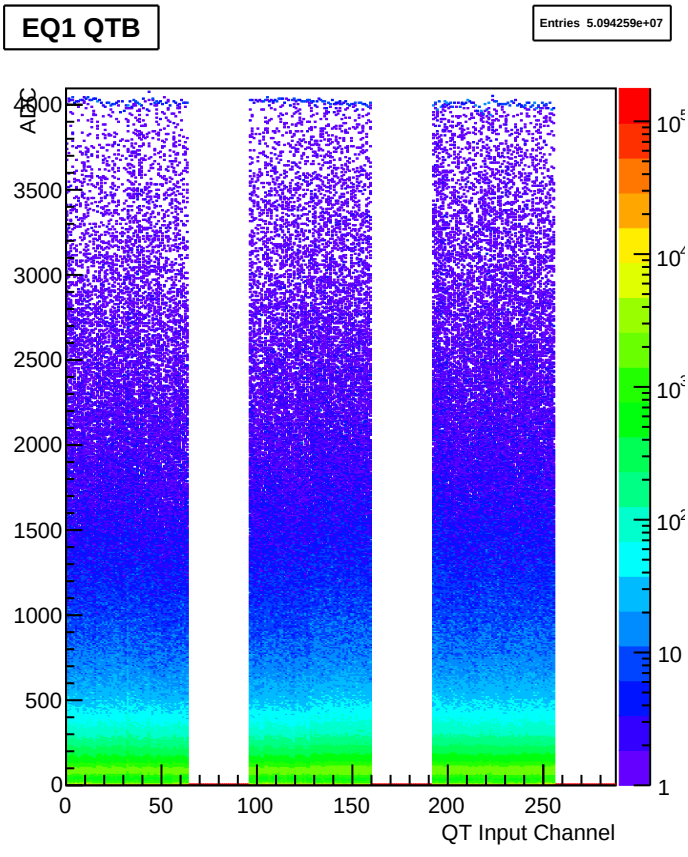

BBQ-ZD001 (ZDC TOWER)
Entries 2830144
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

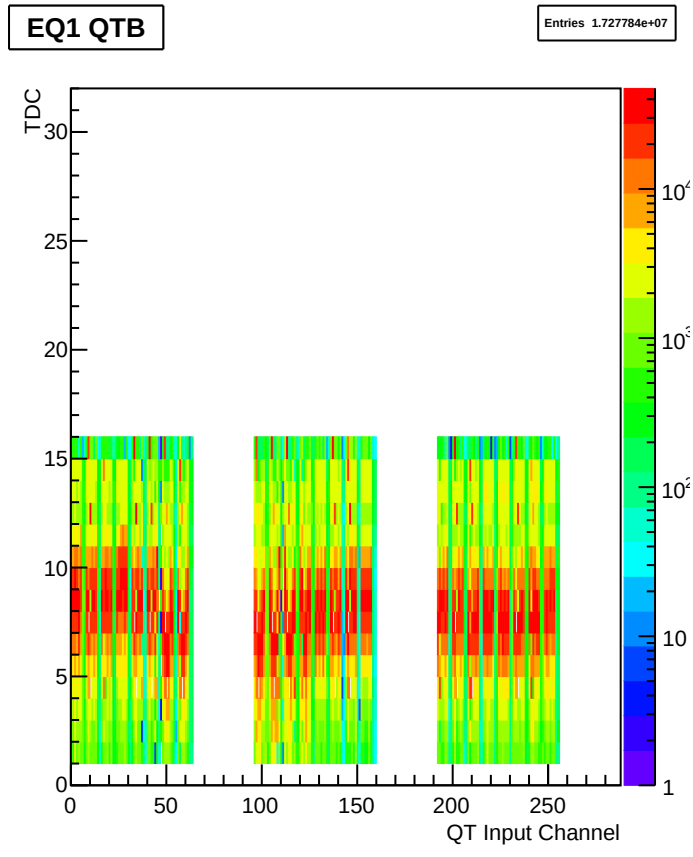

BBQ-VP001 East
Entries 2830144
ADC
QT Input Channel

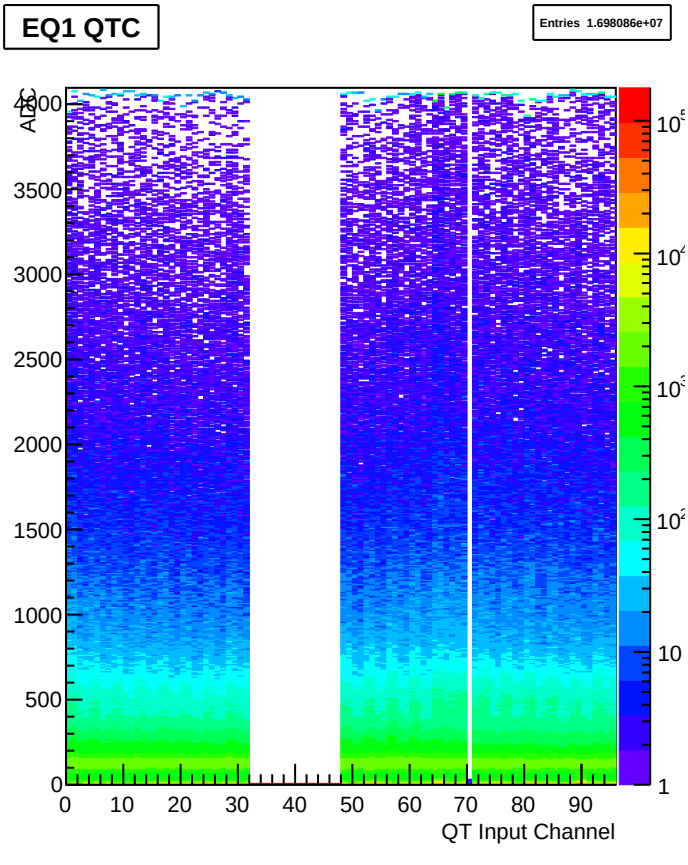

BBQ-VP001 East
Entries 2830144
ADC
QT Input Channel

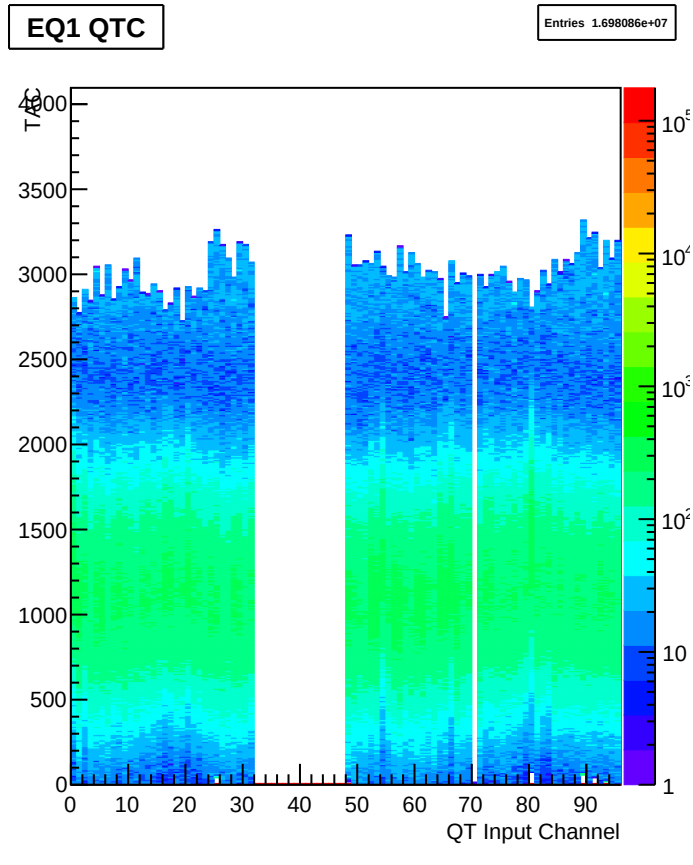

BBQ-VP002 West
Entries 2830144
ADC
QT Input Channel

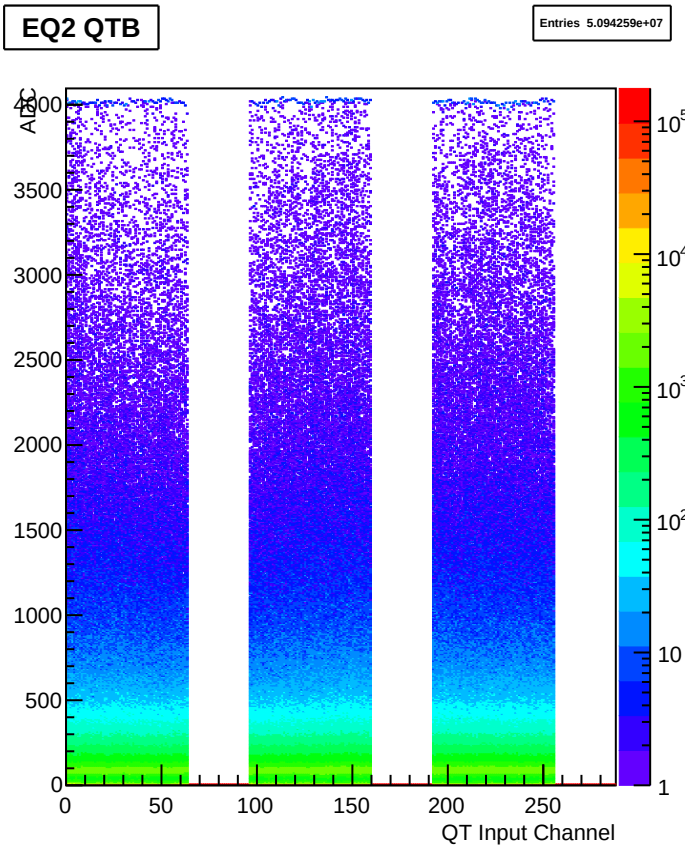

BBQ-VP002 West
Entries 2830144
ADC
QT Input Channel

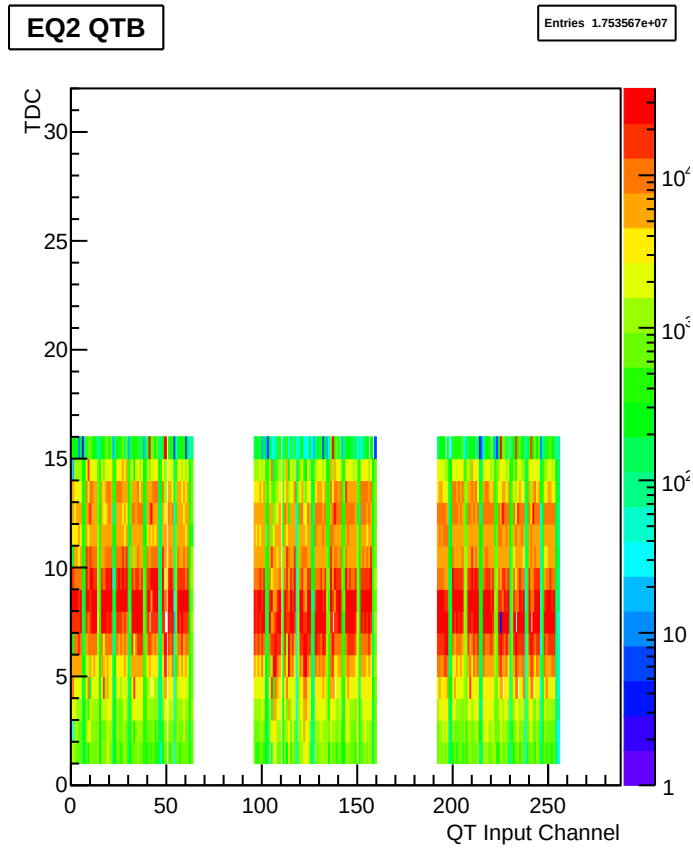

EQ1 QTB
Entries 5.094259e+07
ADC
QT Input Channel

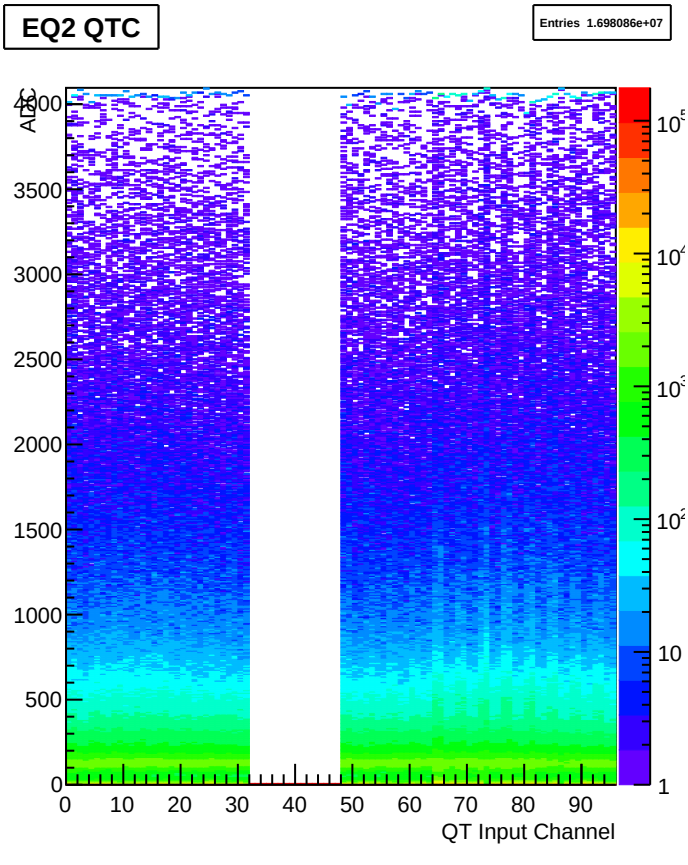

EQ1 QTB
Entries 1.727784e+07
TDC
QT Input Channel

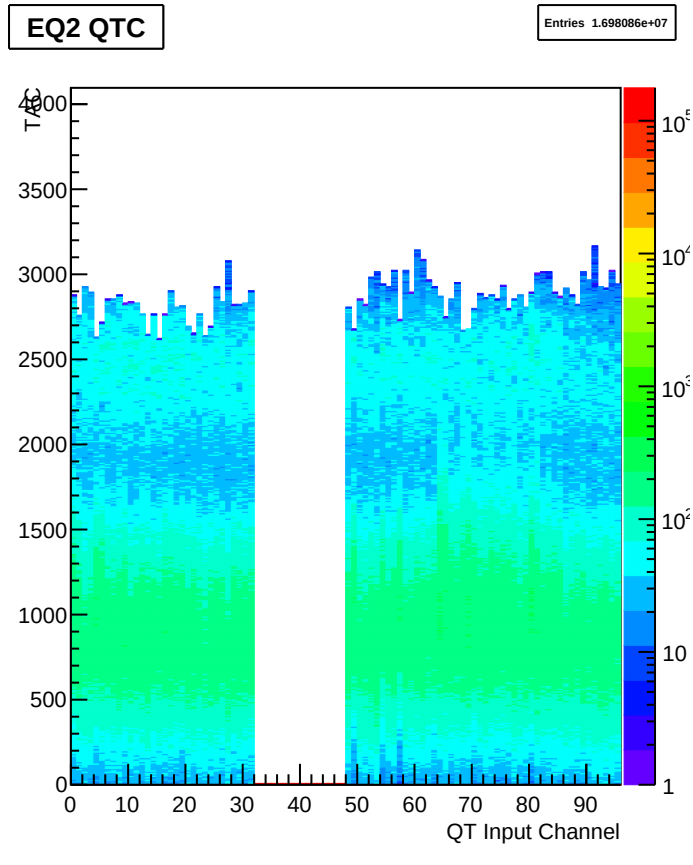

EQ1 QTC
Entries 1.698086e+07
ADC
QT Input Channel

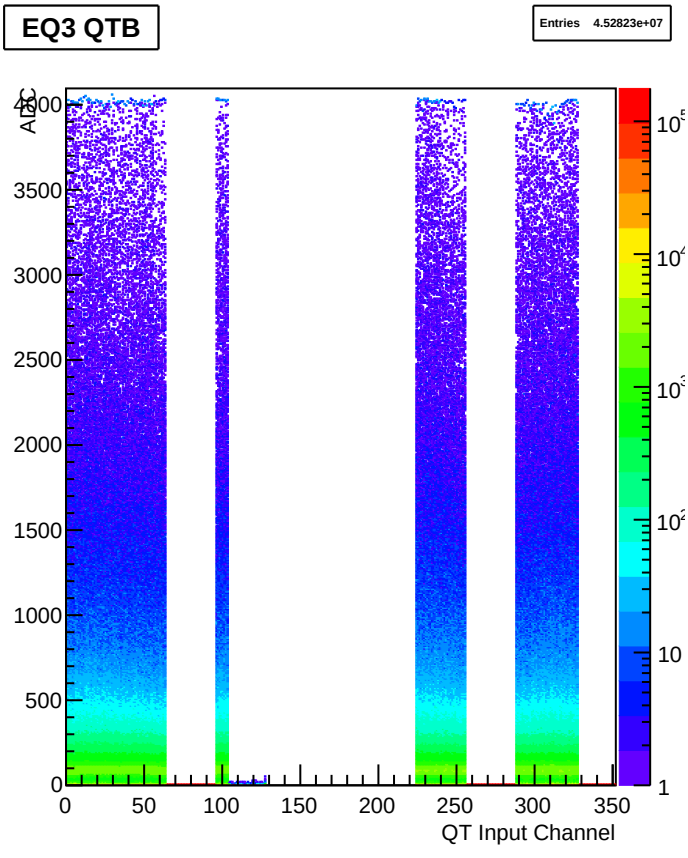

EQ1 QTC
Entries 1.698086e+07
TADC
QT Input Channel

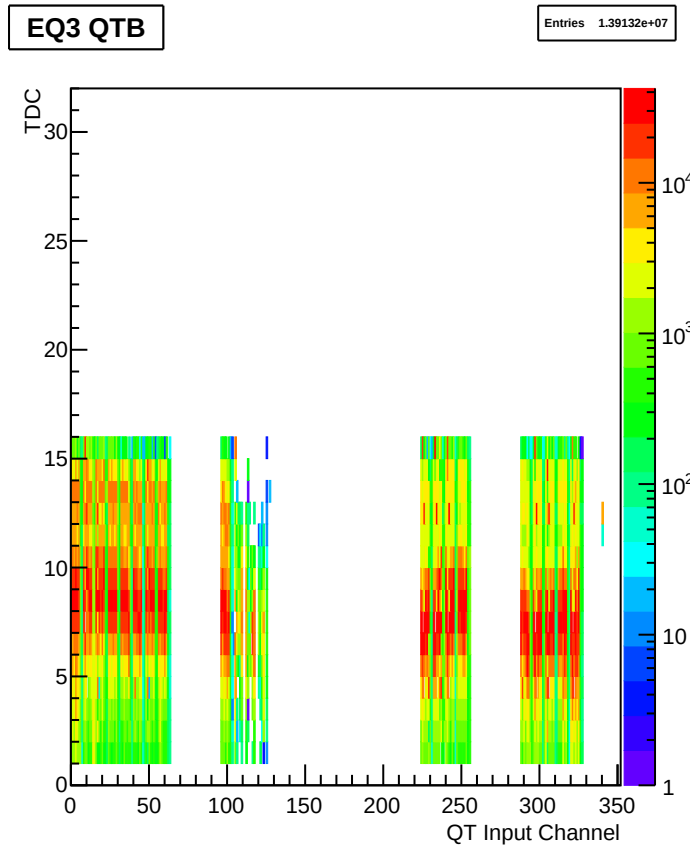

EQ2 QTB
Entries 5.094259e+07
ADC
QT Input Channel

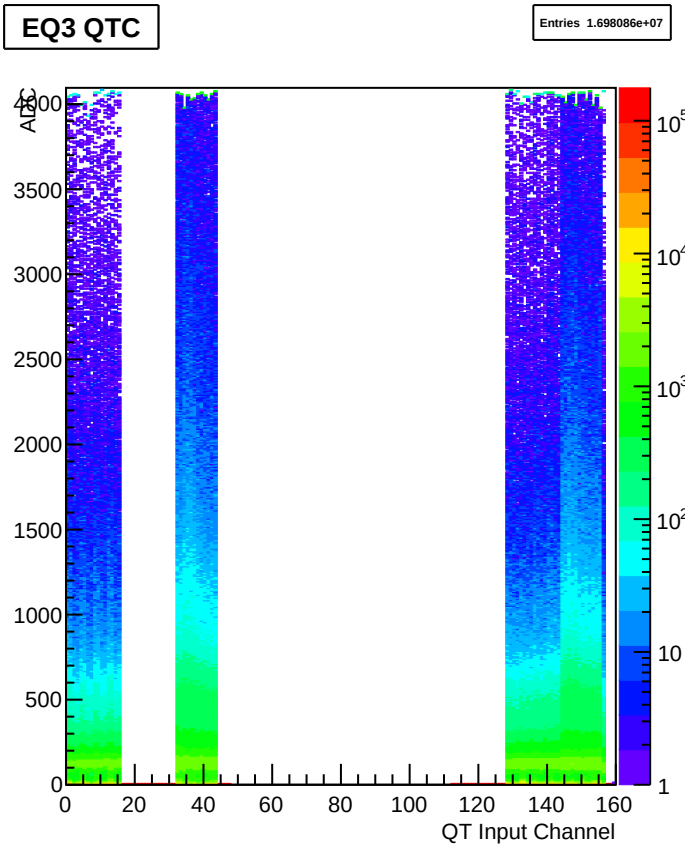

EQ2 QTB
Entries 1.753567e+07
TDC
QT Input Channel

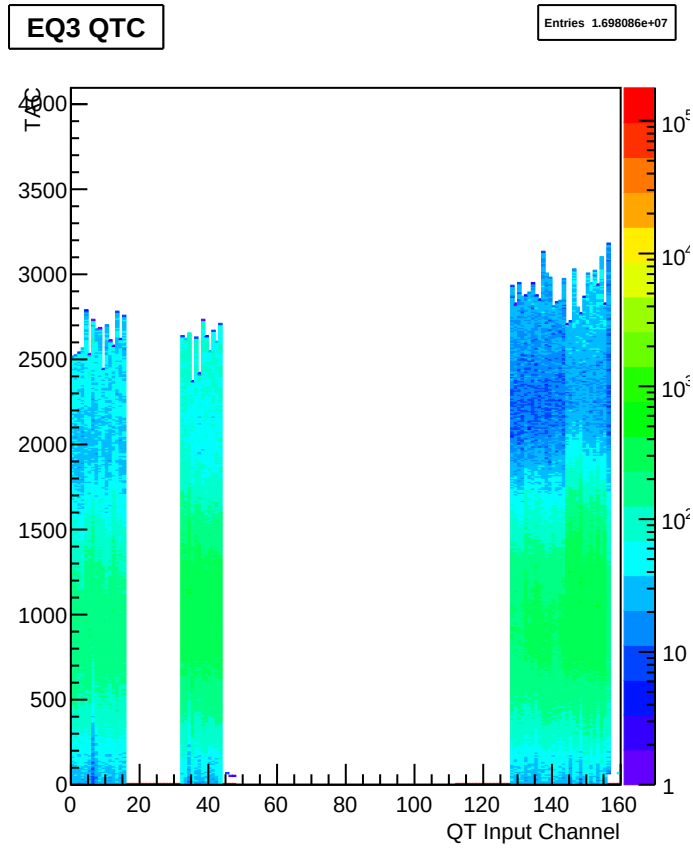

EQ2 QTC
Entries 1.698086e+07
ADC
QT Input Channel

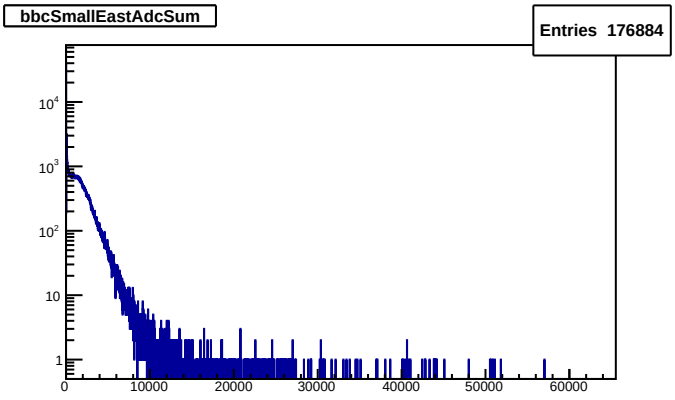

EQ2 QTC
Entries 1.698086e+07
TADC
QT Input Channel

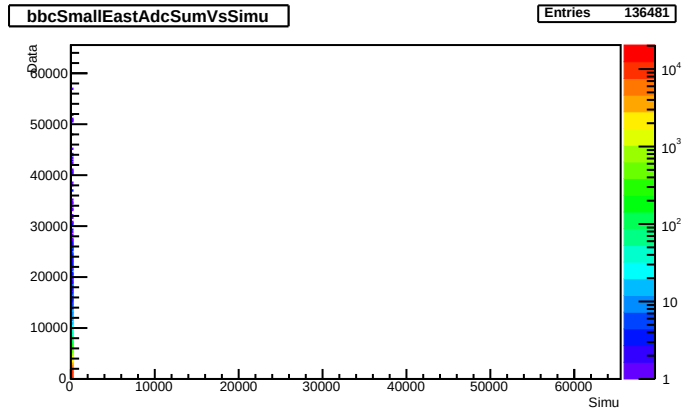

EQ3 QTB
Entries 4.52823e+07
ADC
QT Input Channel

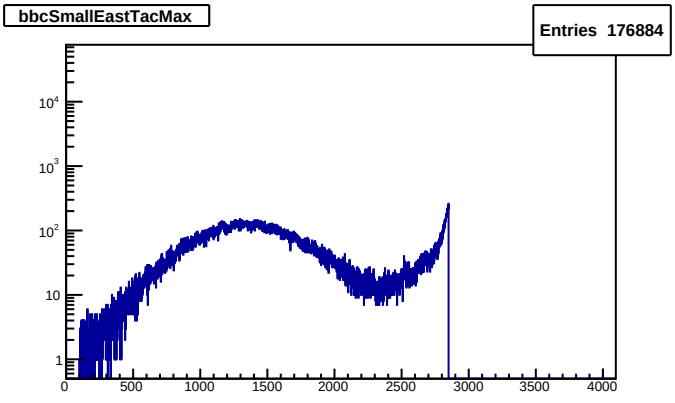

EQ3 QTB
Entries 1.39132e+07
TDC
QT Input Channel

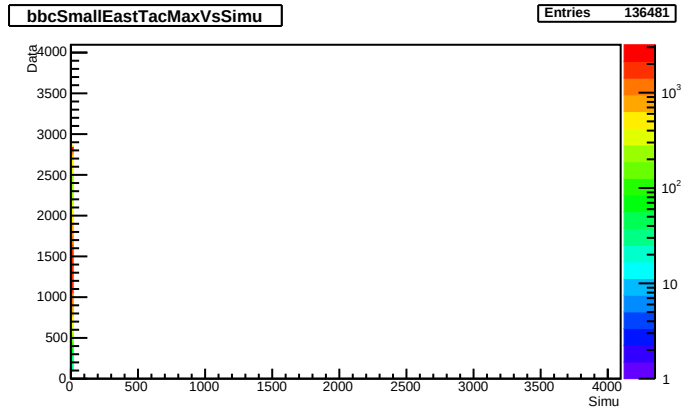

EQ3 QTC
Entries 1.698086e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.698086e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 176884


bbcSmallEastAdcSumVsSimu
Entries 136481
Data
Simu


bbcSmallEastTacMax
Entries 176884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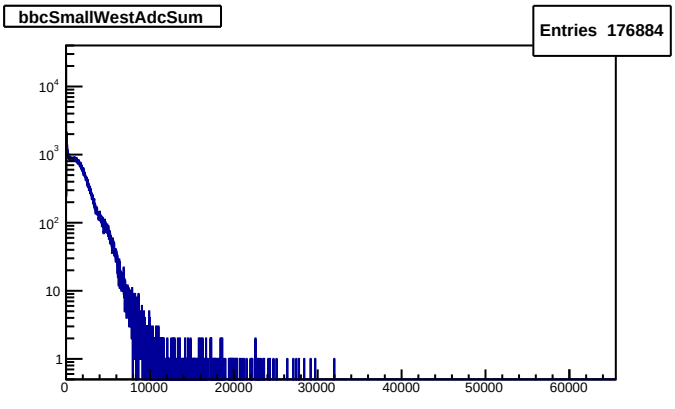
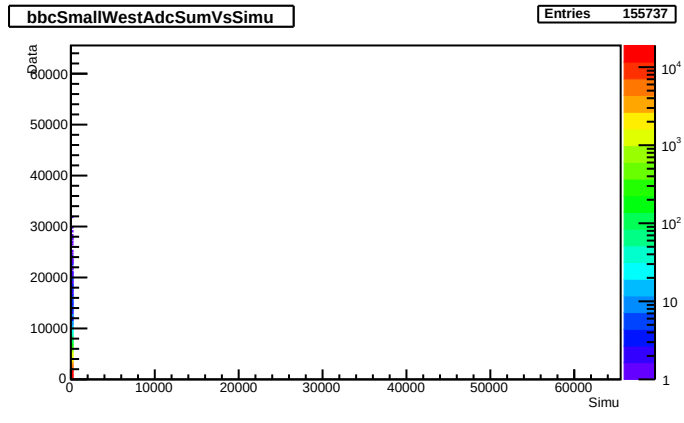
Entries 136481
Data
Simu


bbcSmallWestAdcSum
Entries 176884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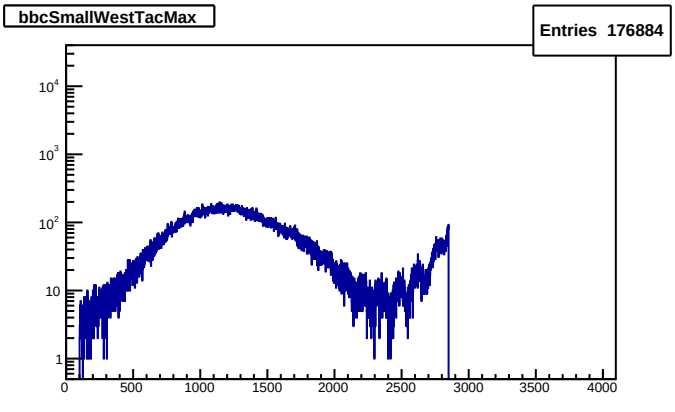
Entries 155737
Data
Simu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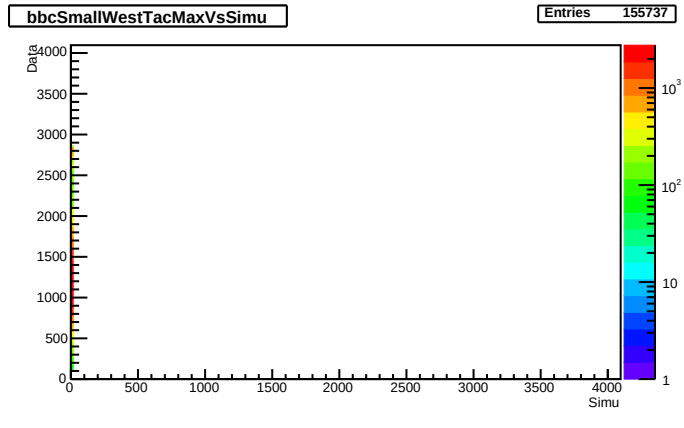
Entries 176884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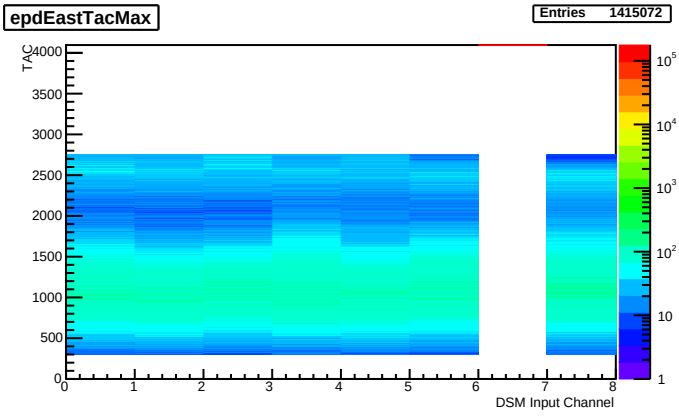
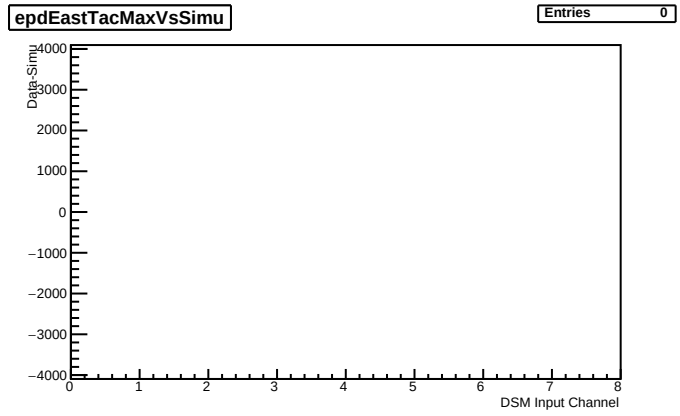
Entries 155737
Data
Simu


epdEastTacMax
Entries 1415072
TAC
DSM Input Channel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Entries 0
Data-Simu
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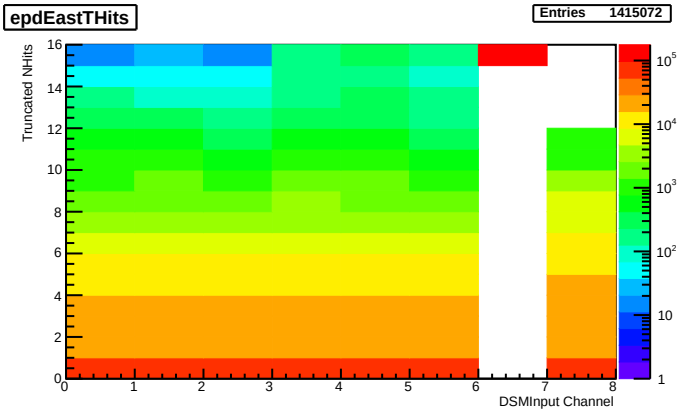
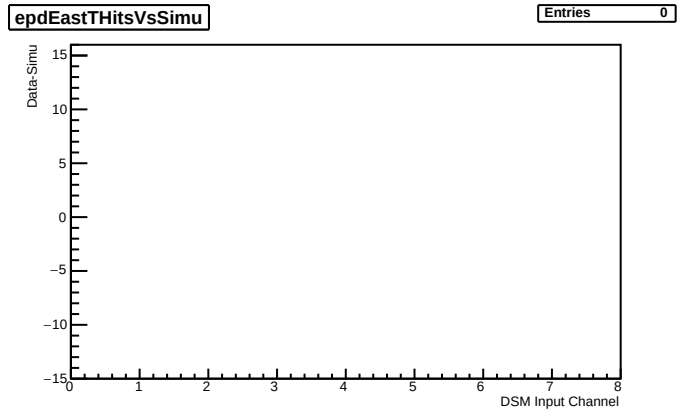

epdEastTHits
Entries 1415072
Truncated NHits
DSMInput Channel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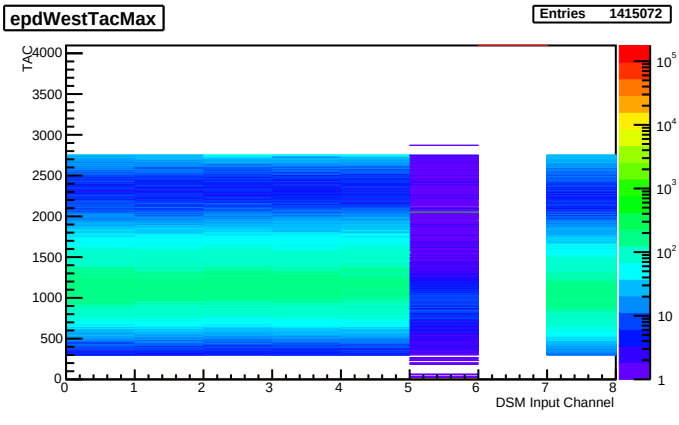
Entries 0
Data-Simu
DSM Input Channel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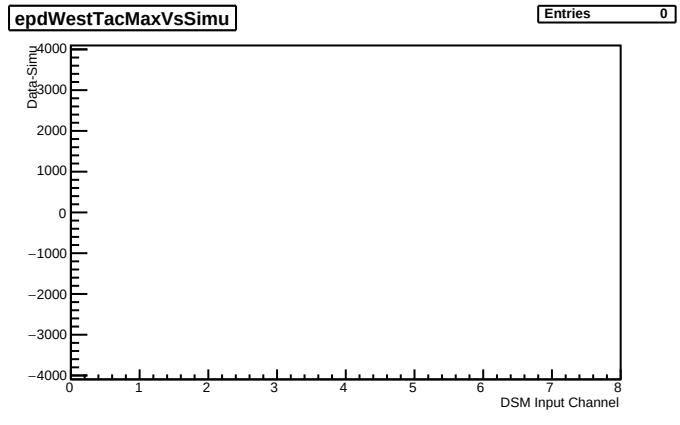
Entries 1415072
TAC
DSM Input Channel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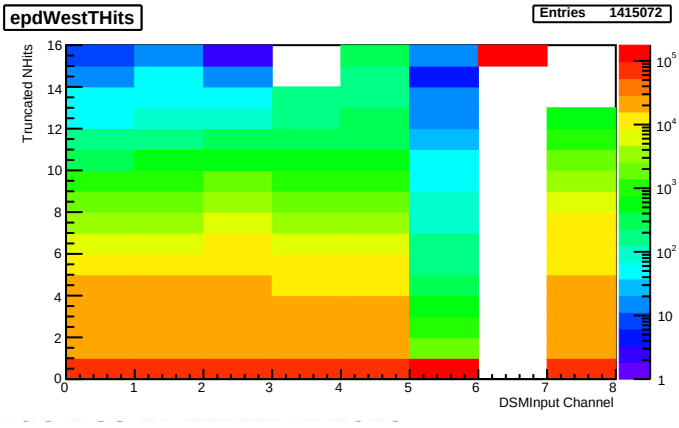
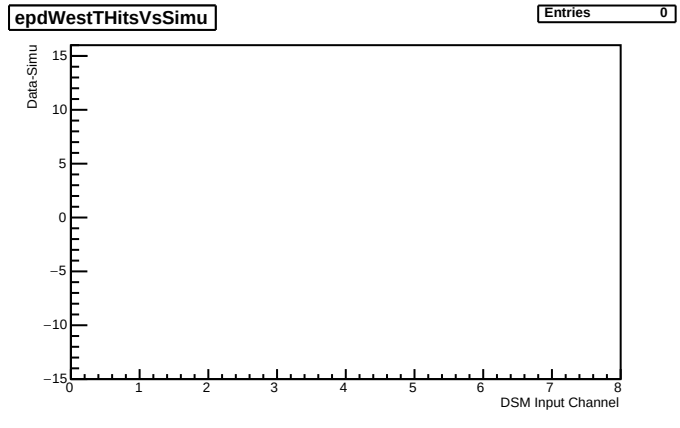
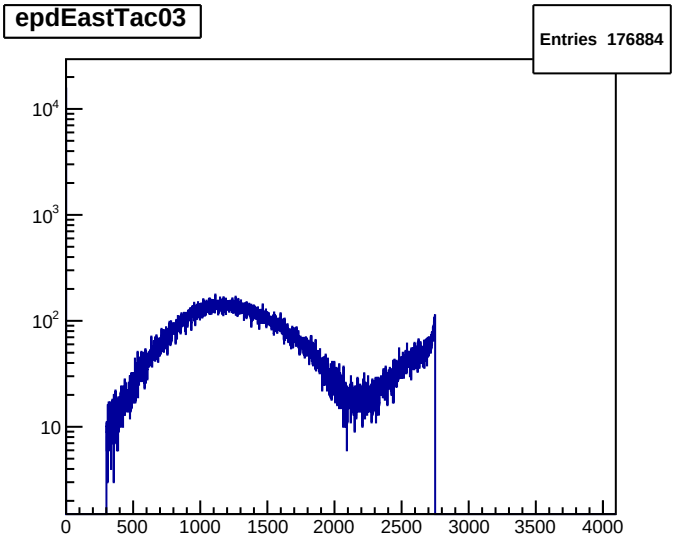
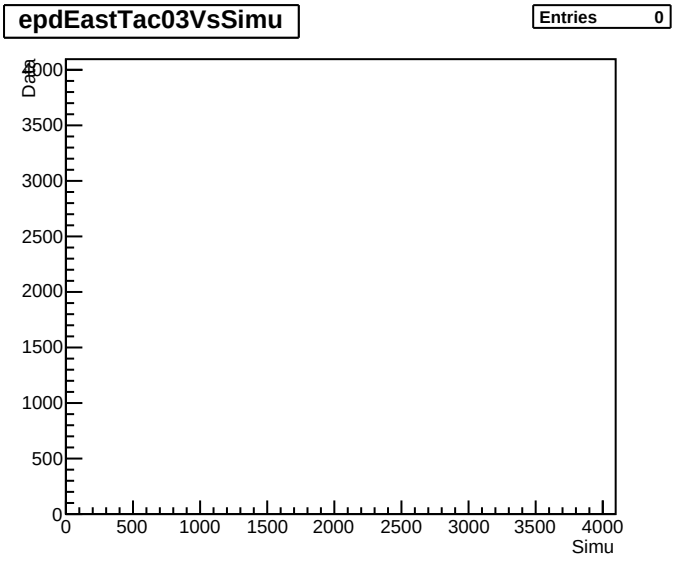
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1415072
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 176884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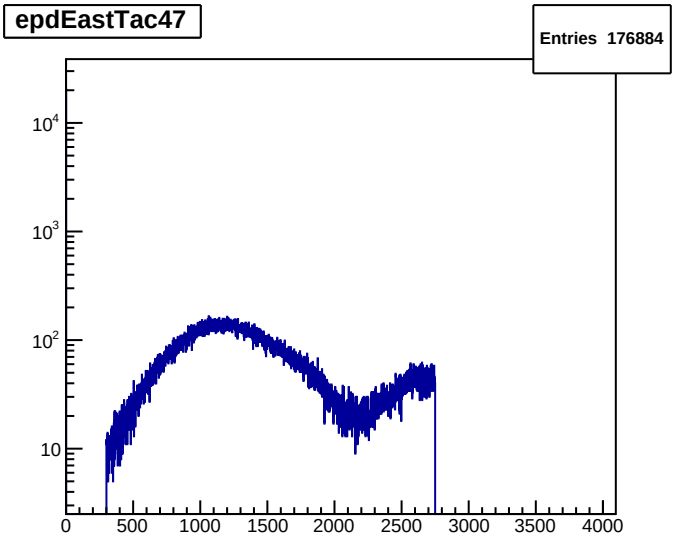
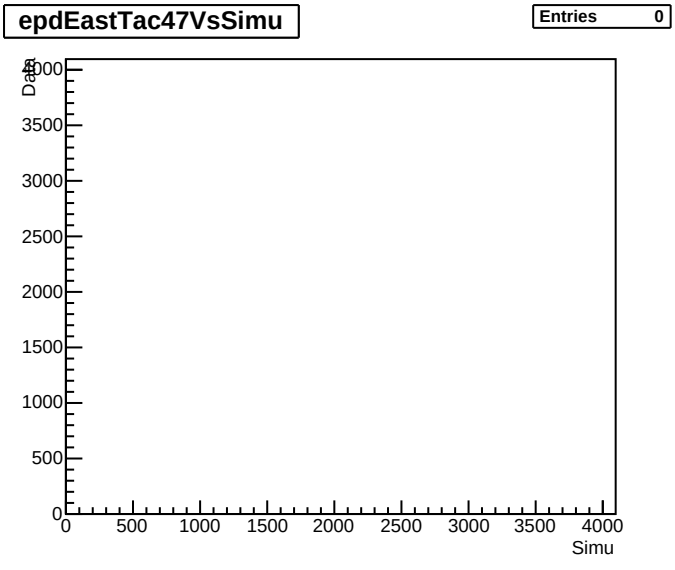
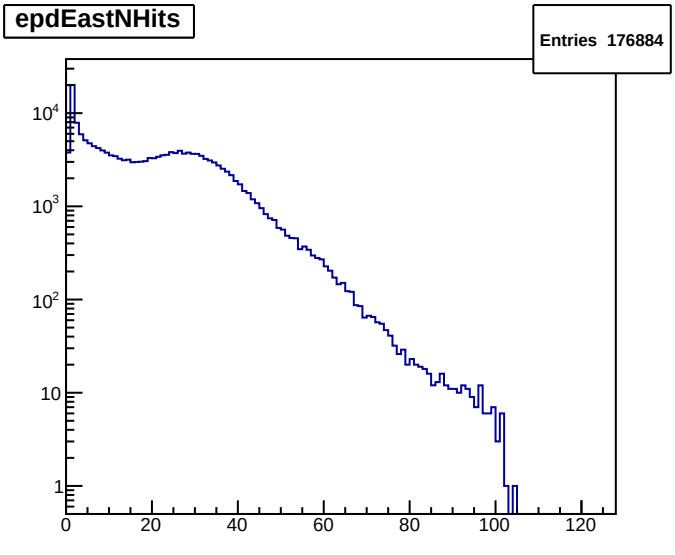
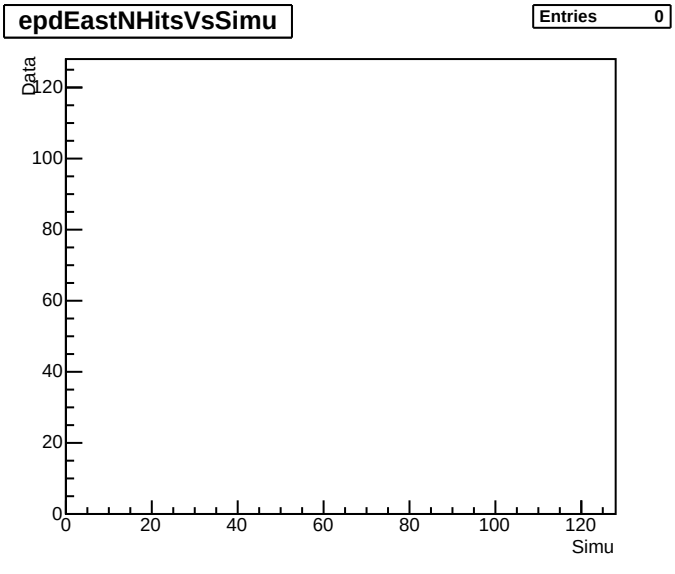
Entries 0
Data
Simu


epdEastTac47
Entries 176884


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 176884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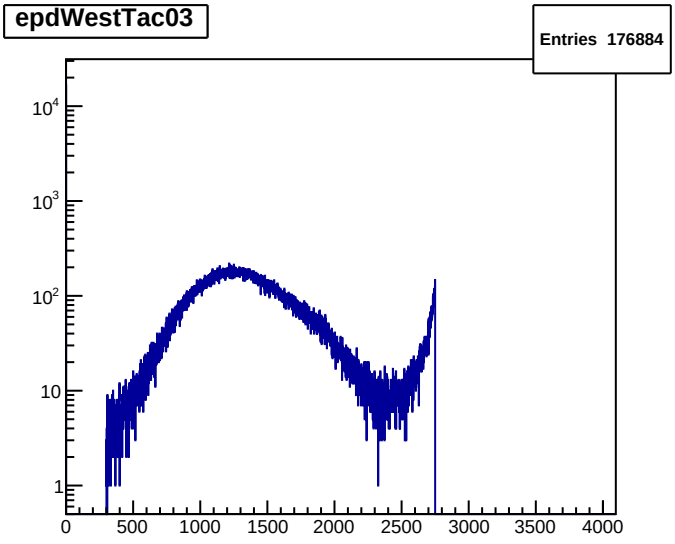
Entries 0
Data
Simu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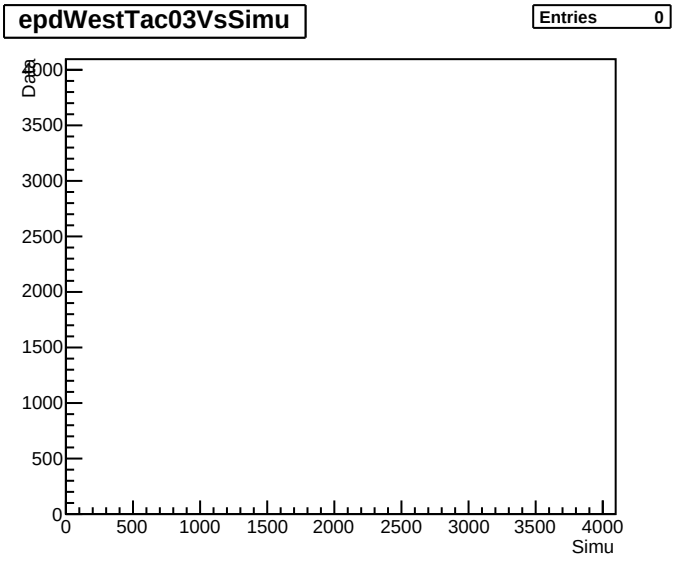
Entries 176884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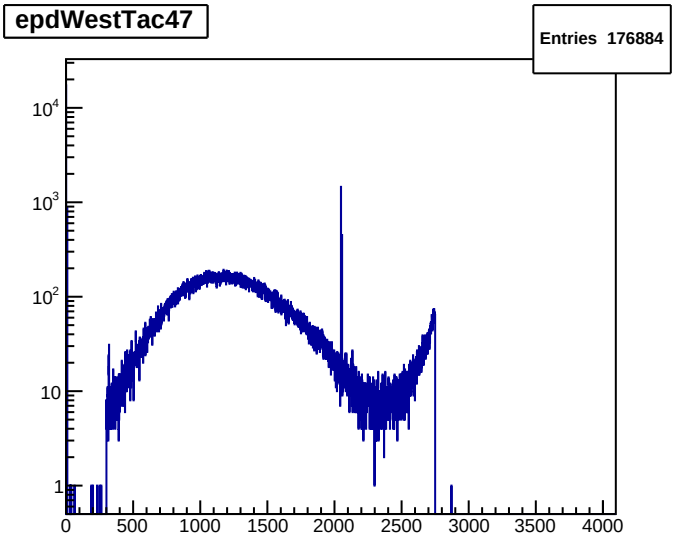
Entries 0
Data
Simu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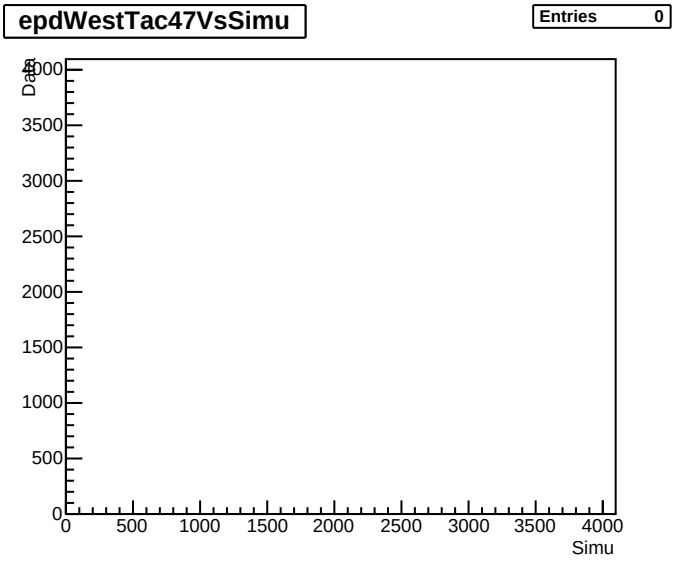
Entries 176884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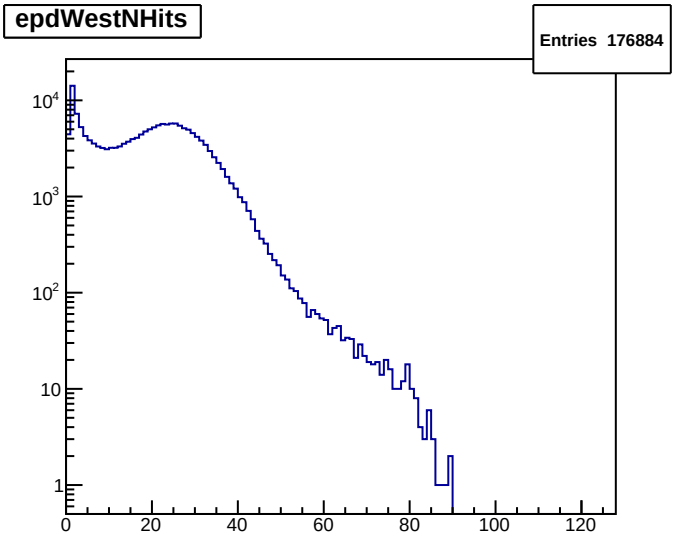
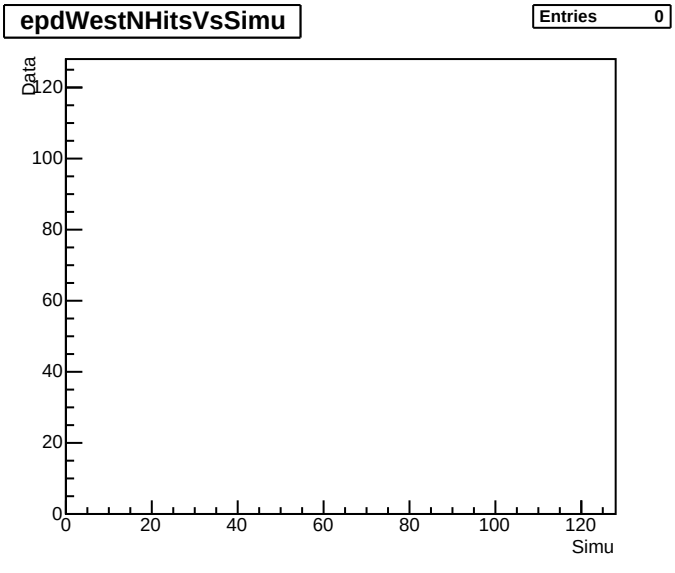
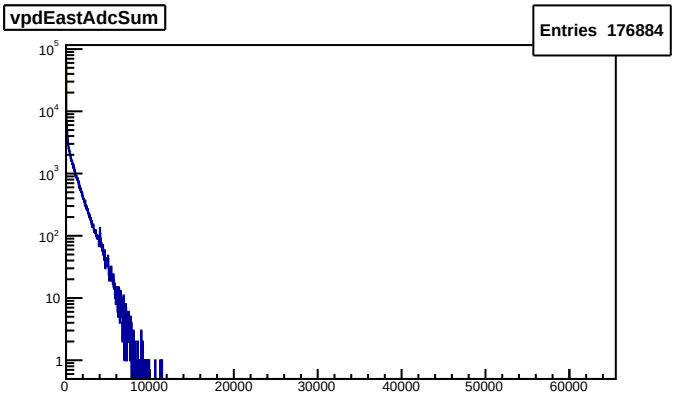
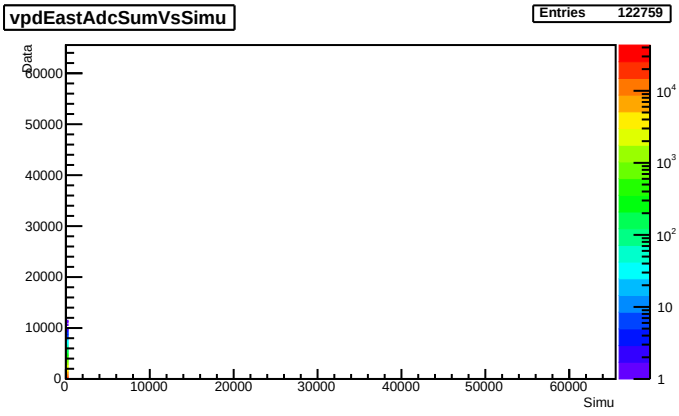
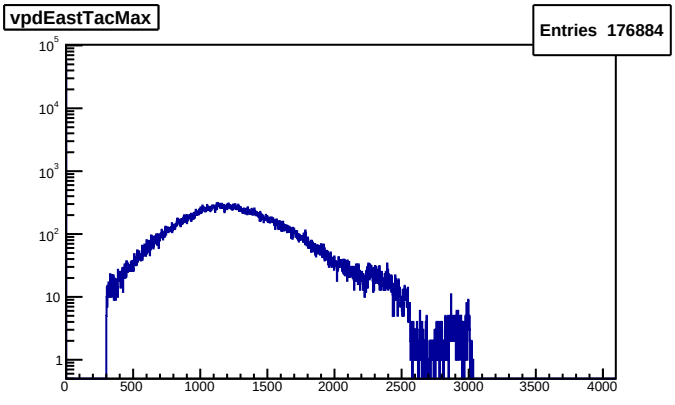
Entries 0
Data
Simu

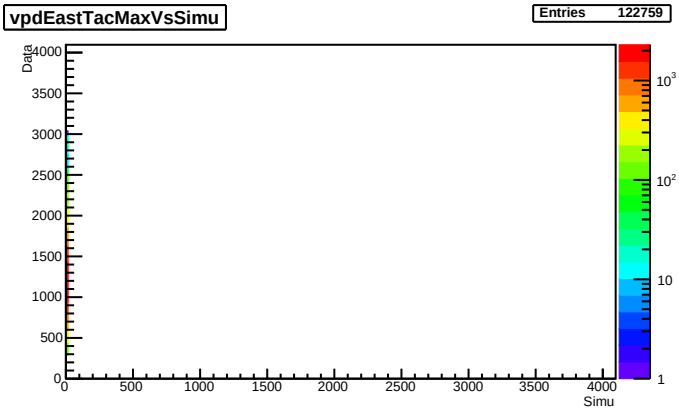

epdWestNHits
Entries 176884

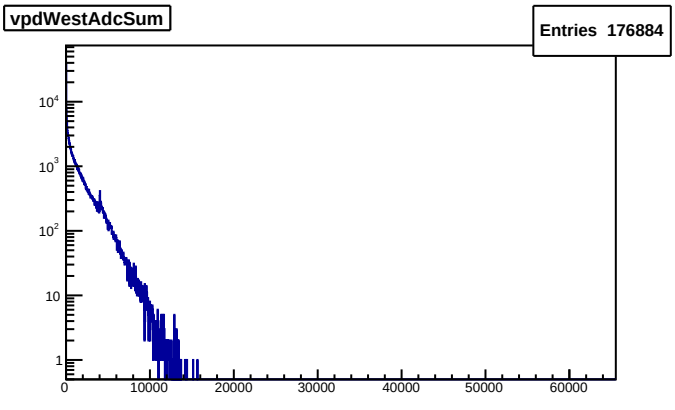

epdWestNHitsVsSimu
Entries 0
Data
Simu

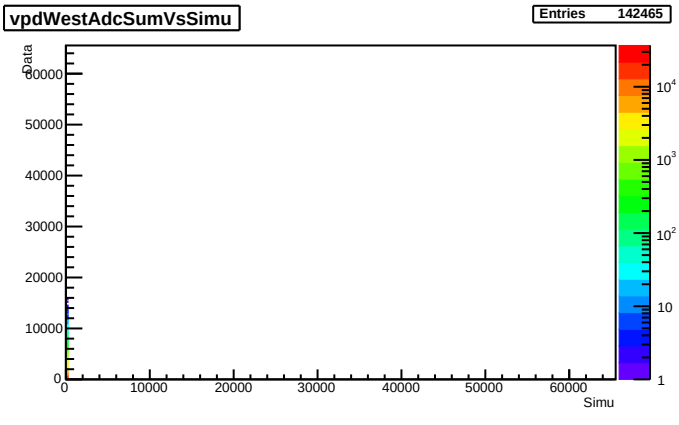

vpdEastAdcSum
Entries 176884

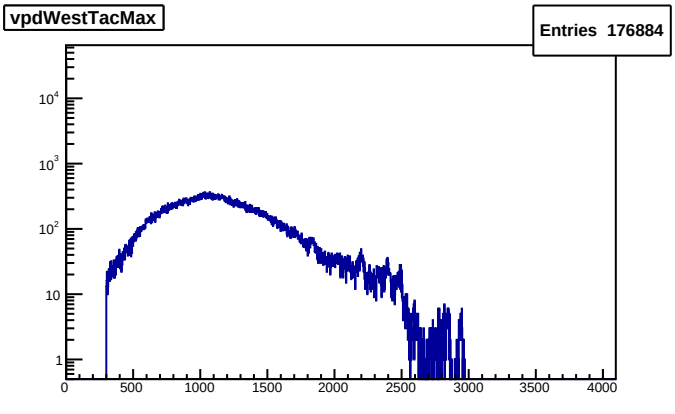

vpdEastAdcSumVsSimu
Entries 122759
Data
Simu

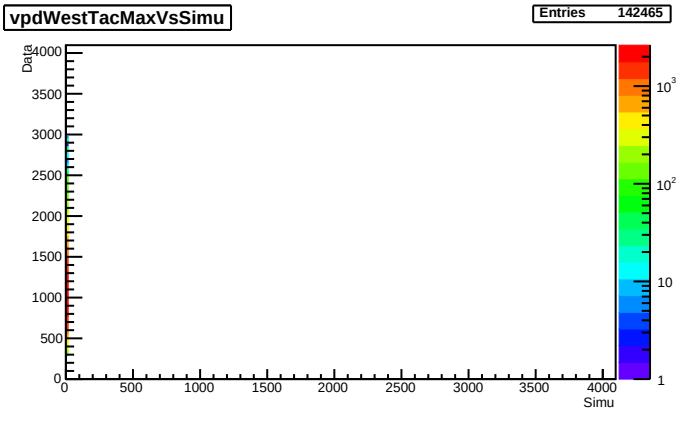

vpdEastTacMax
Entries 176884

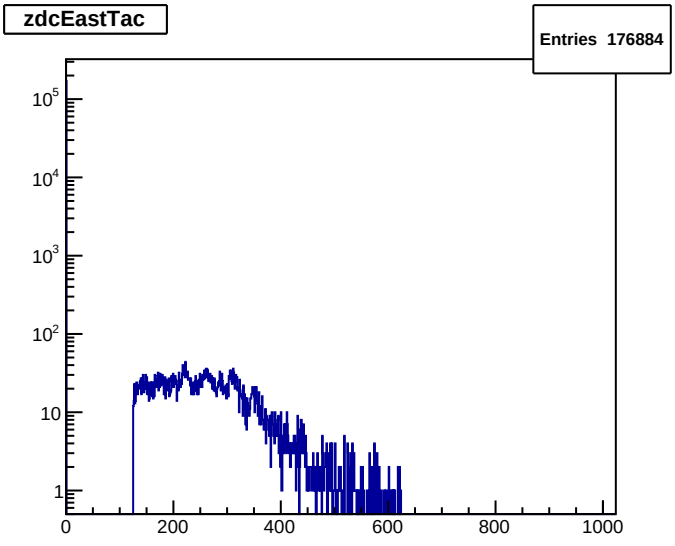

vpdEastTacMaxVsSimu
Entries 122759
Data
Simu

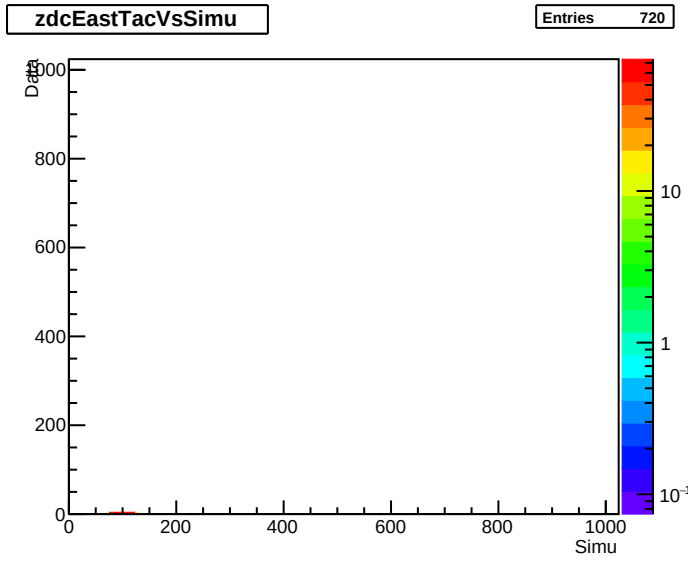

vpdWestAdcSum
Entries 176884

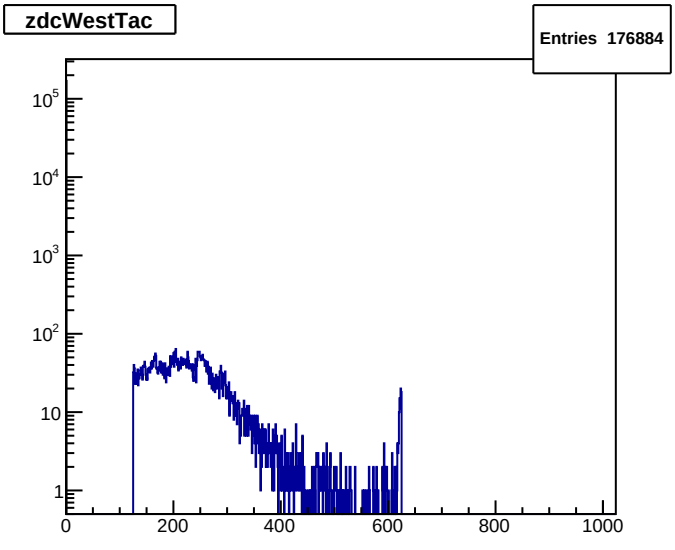

vpdWestAdcSumVsSimu
Entries 142465
Data
Simu

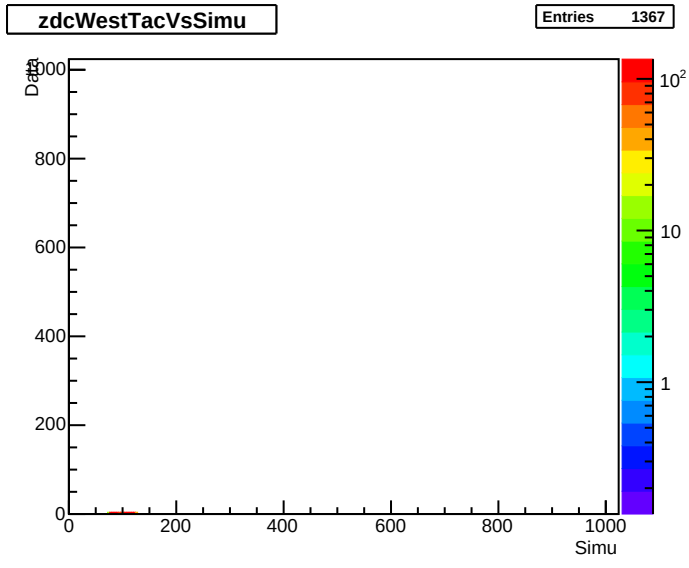

vpdWestTacMax
Entries 176884

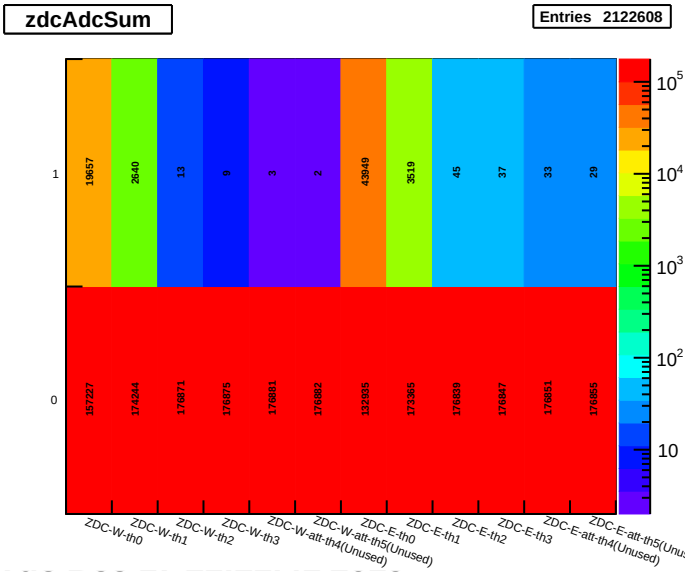

vpdWestTacMaxVsSimu
Entries 142465
Data
Simu

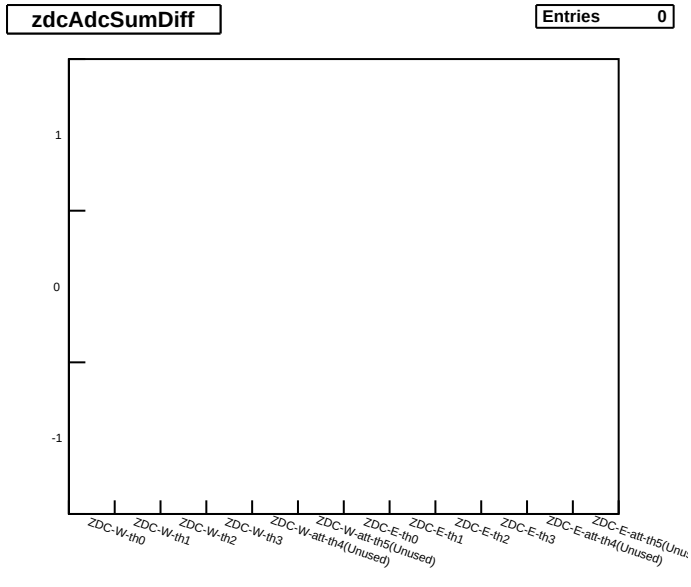

zdcEastTac
Entries 176884

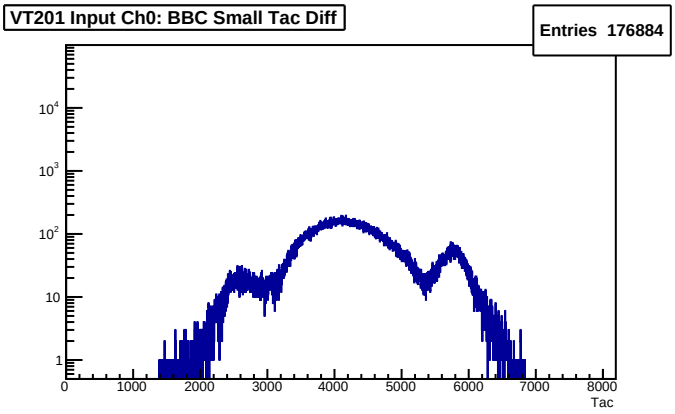

zdcEastTacVsSimu
Entries 720
Data
Simu

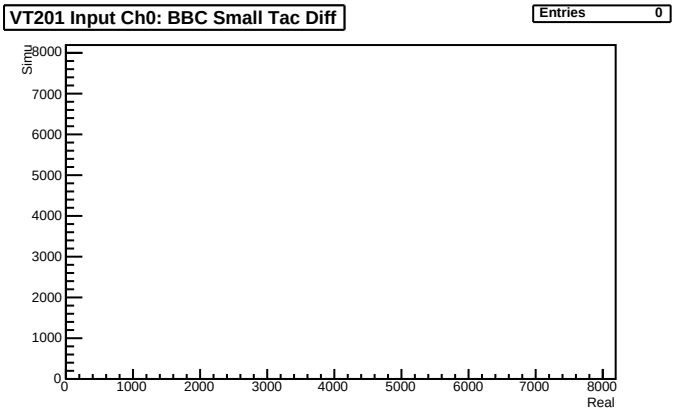

zdcWestTac
Entries 176884

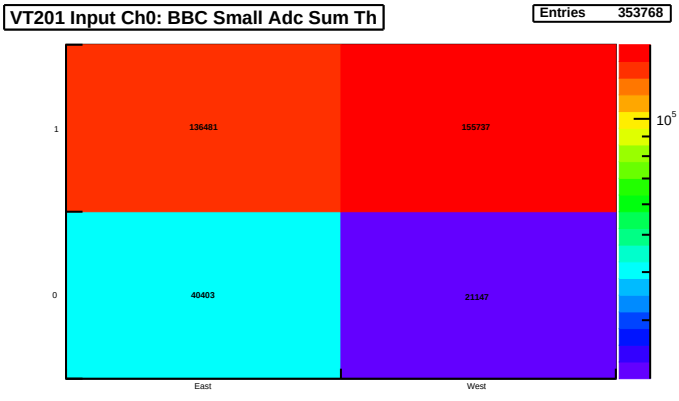

zdcWestTacVsSimu
Entries 1367
Data
Simu

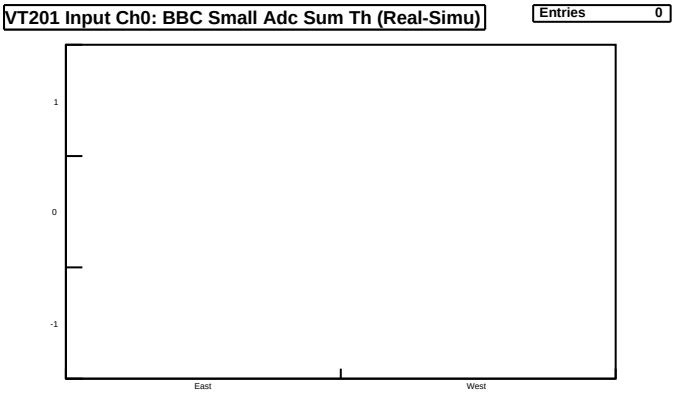

zdcAdcSum
Entries 2122608
19657
2640
13
9
3
2
43949
3519
45
37
33
29
157227
174244
176871
176875
176881
176882
132935
173365
176839
176847
176851
176855
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

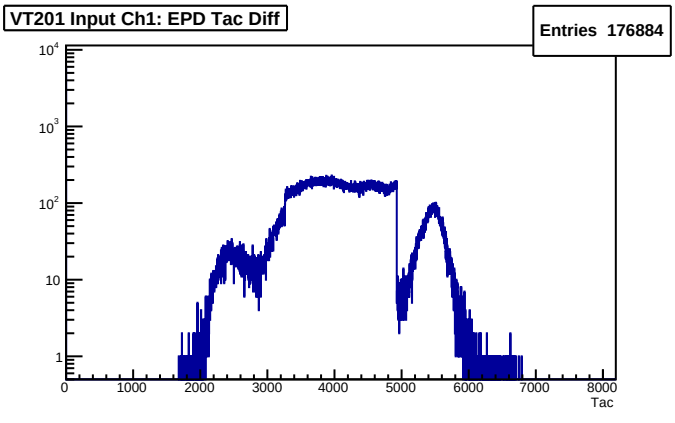

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

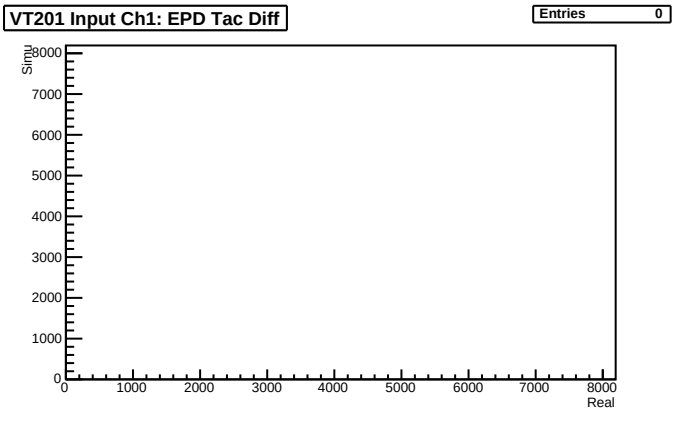

VT201 Input Ch0: BBC Small Tac Diff
Entries 176884
Tac

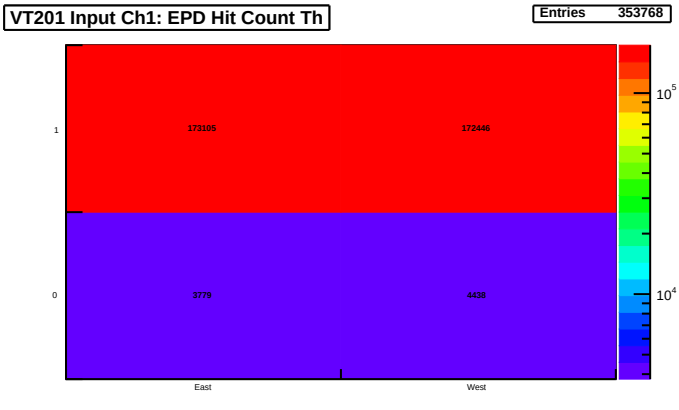

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

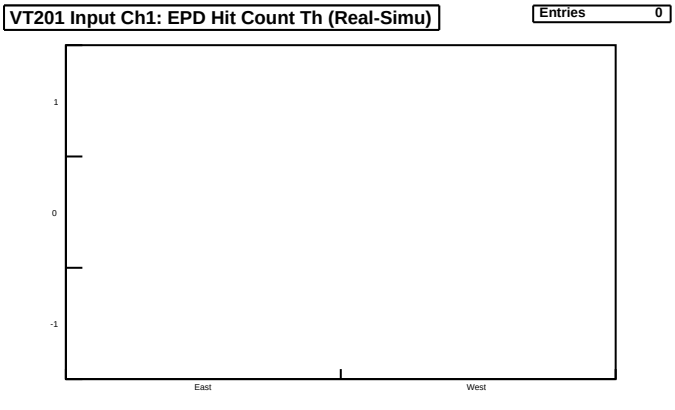

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 353768
136481
155737
40403
21147
East
West

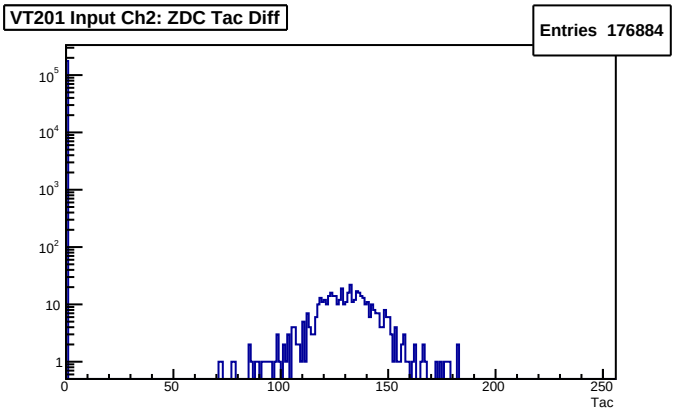

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

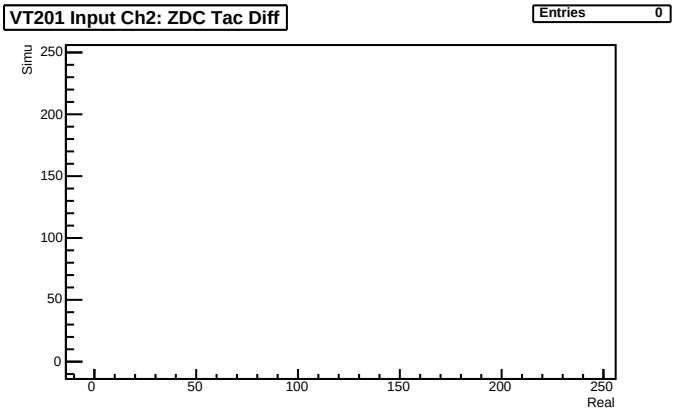

VT201 Input Ch1: EPD Tac Diff
Entries 176884
Tac

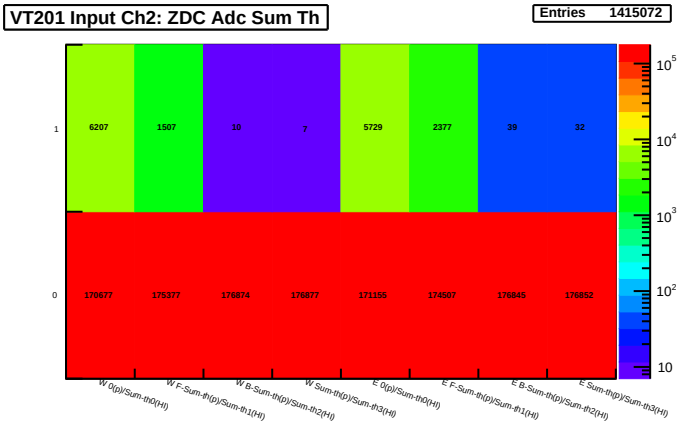

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

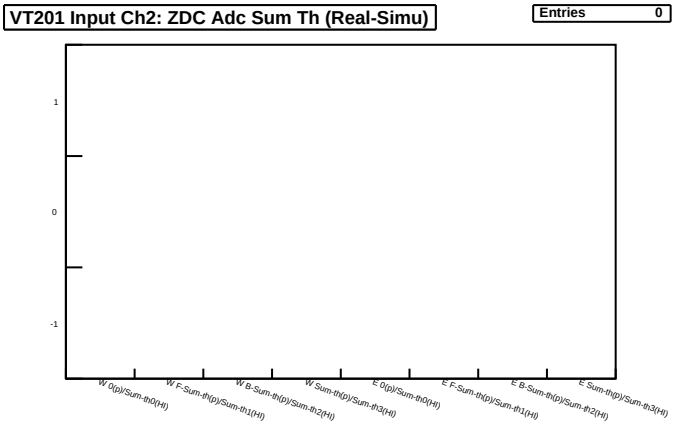

VT201 Input Ch1: EPD Hit Count Th
Entries 353768
173105
172446
3779
4438
East
West

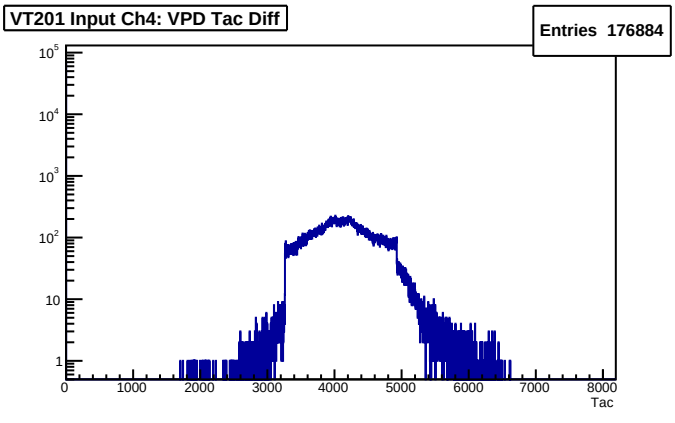

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

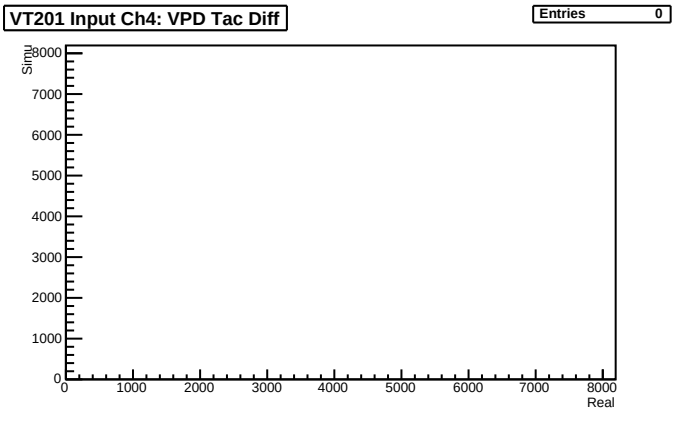

VT201 Input Ch2: ZDC Tac Diff
Entries 176884
Tac

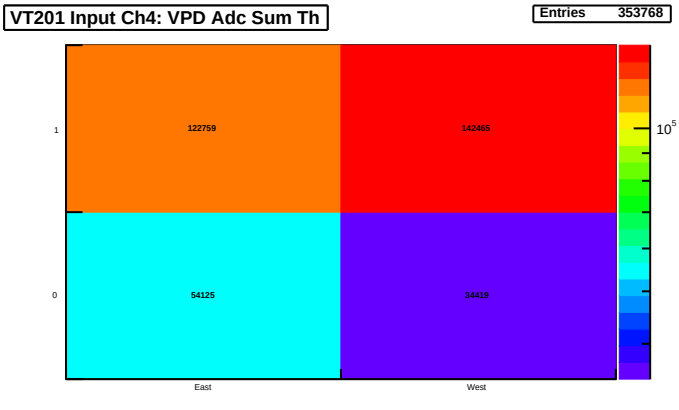

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

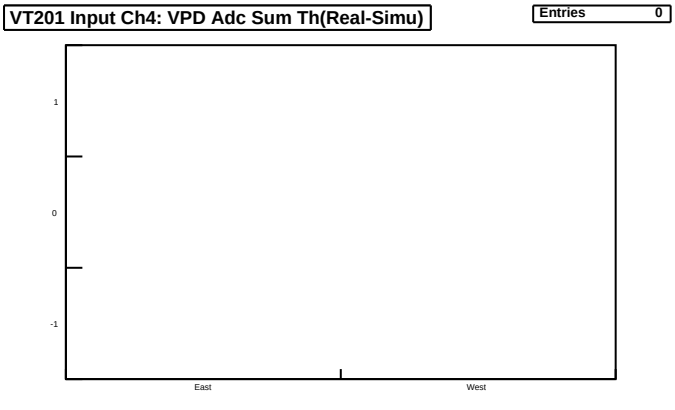

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1415072
6207
1507
10
7
5729
2377
39
32
170677
175377
176874
176877
171155
174507
176845
176852
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

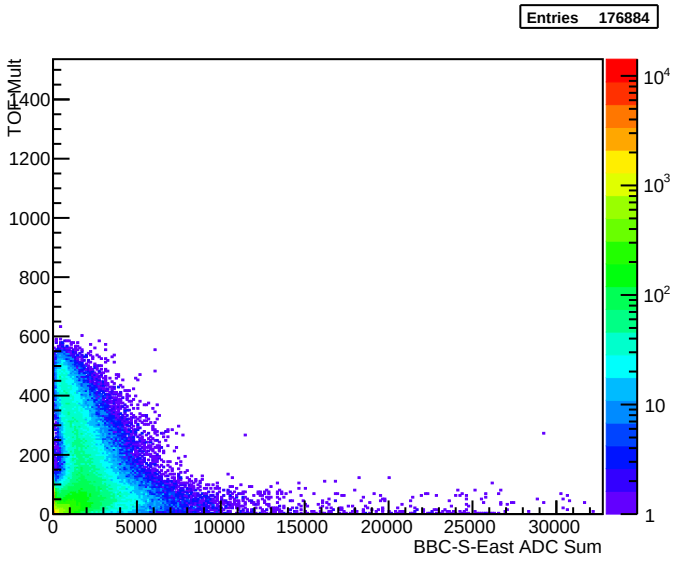

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

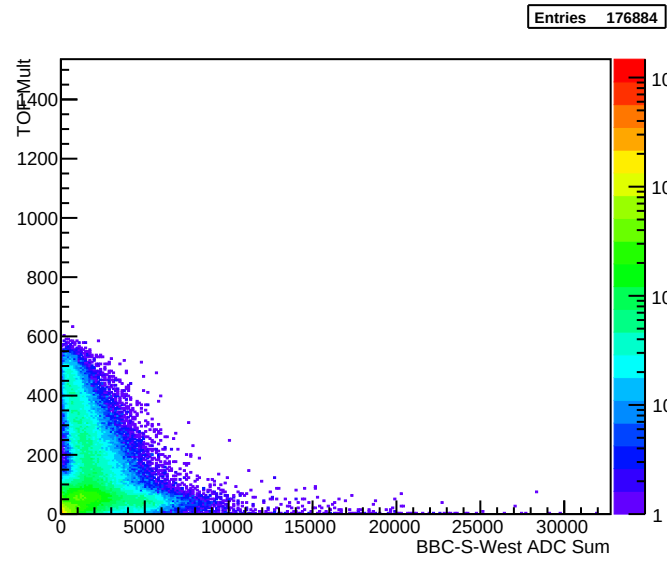

VT201 Input Ch4: VPD Tac Diff
Entries 176884
Tac

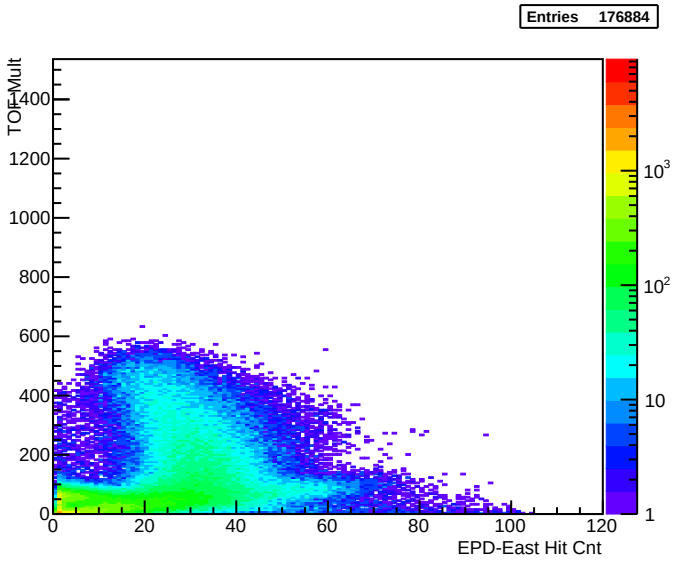

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

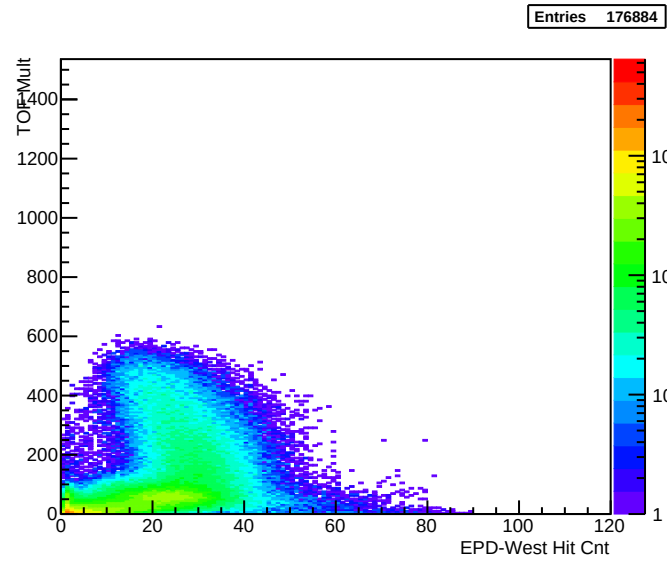

VT201 Input Ch4: VPD Adc Sum Th
Entries 353768
122759
142465
54125
34419
East
West

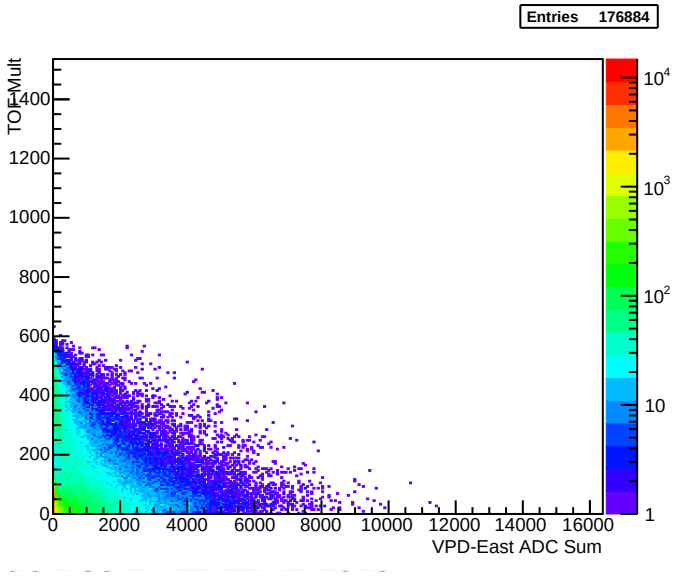

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

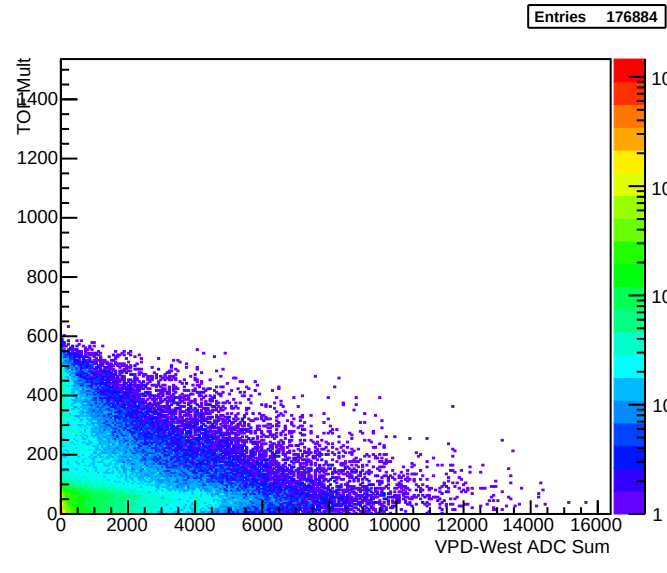

Entries 176884
TOF-Mult
BBC-S-East ADC Sum

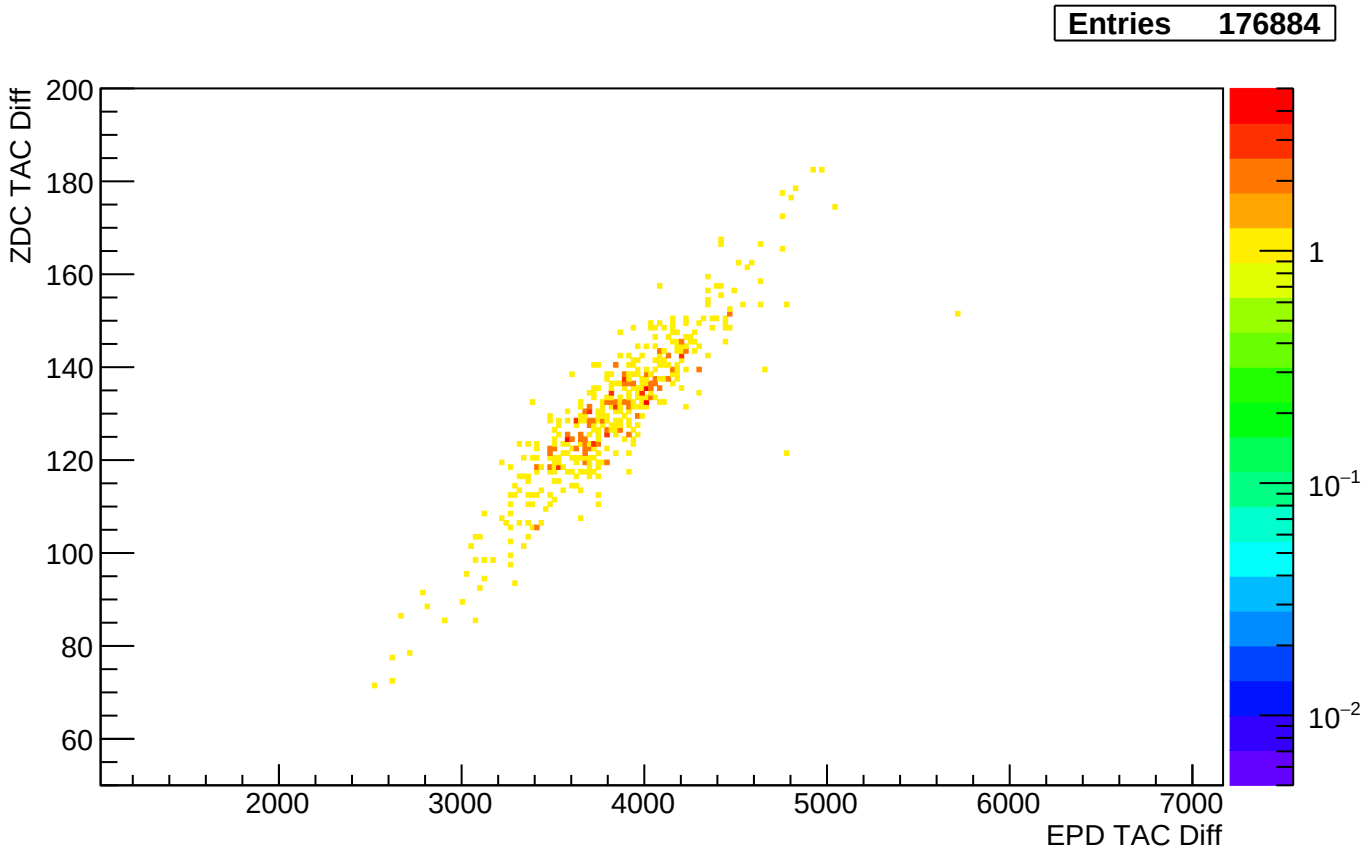

Entries 176884
TOF-Mult
BBC-S-West ADC Sum

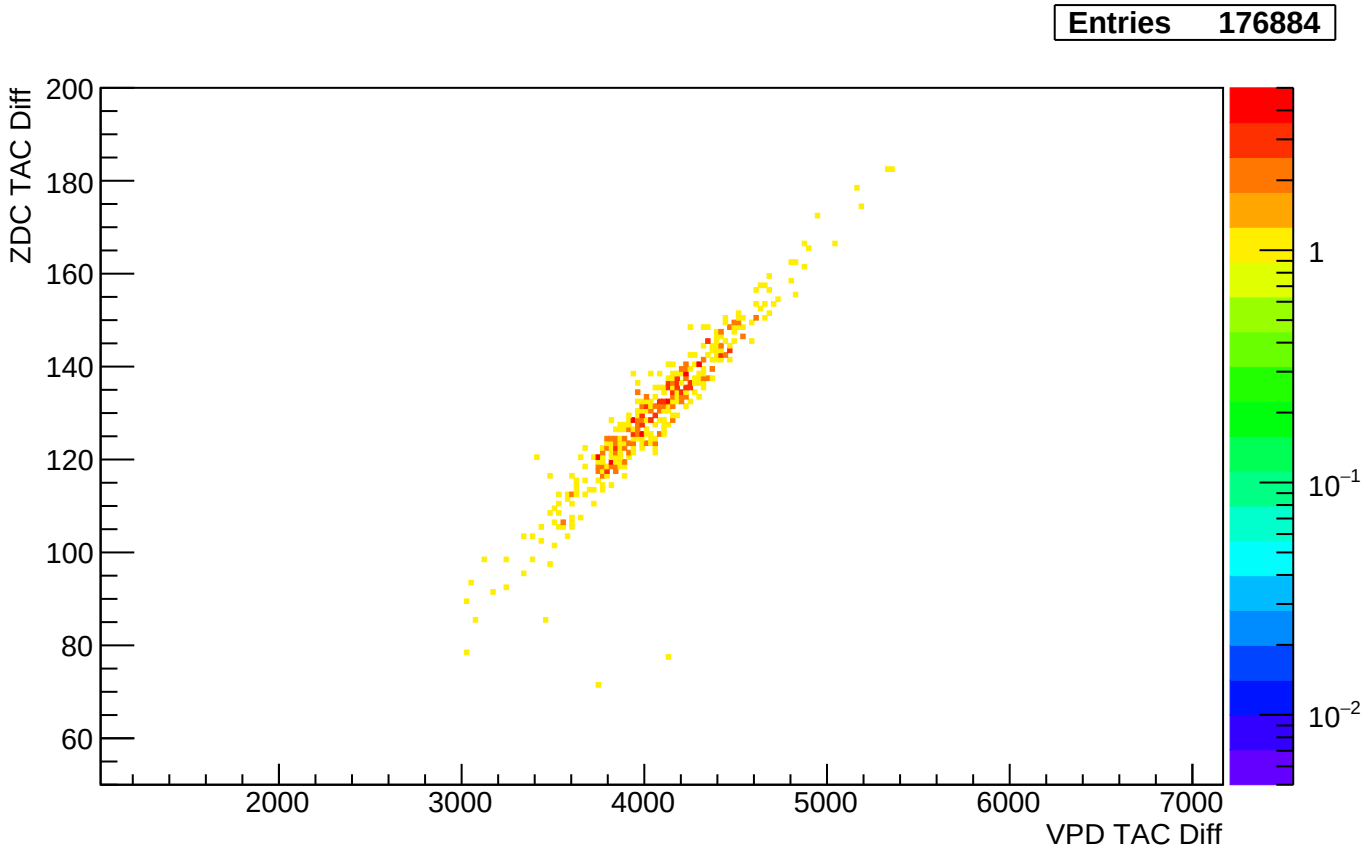

Entries 176884
TOF-Mult
EPD-East Hit Cnt

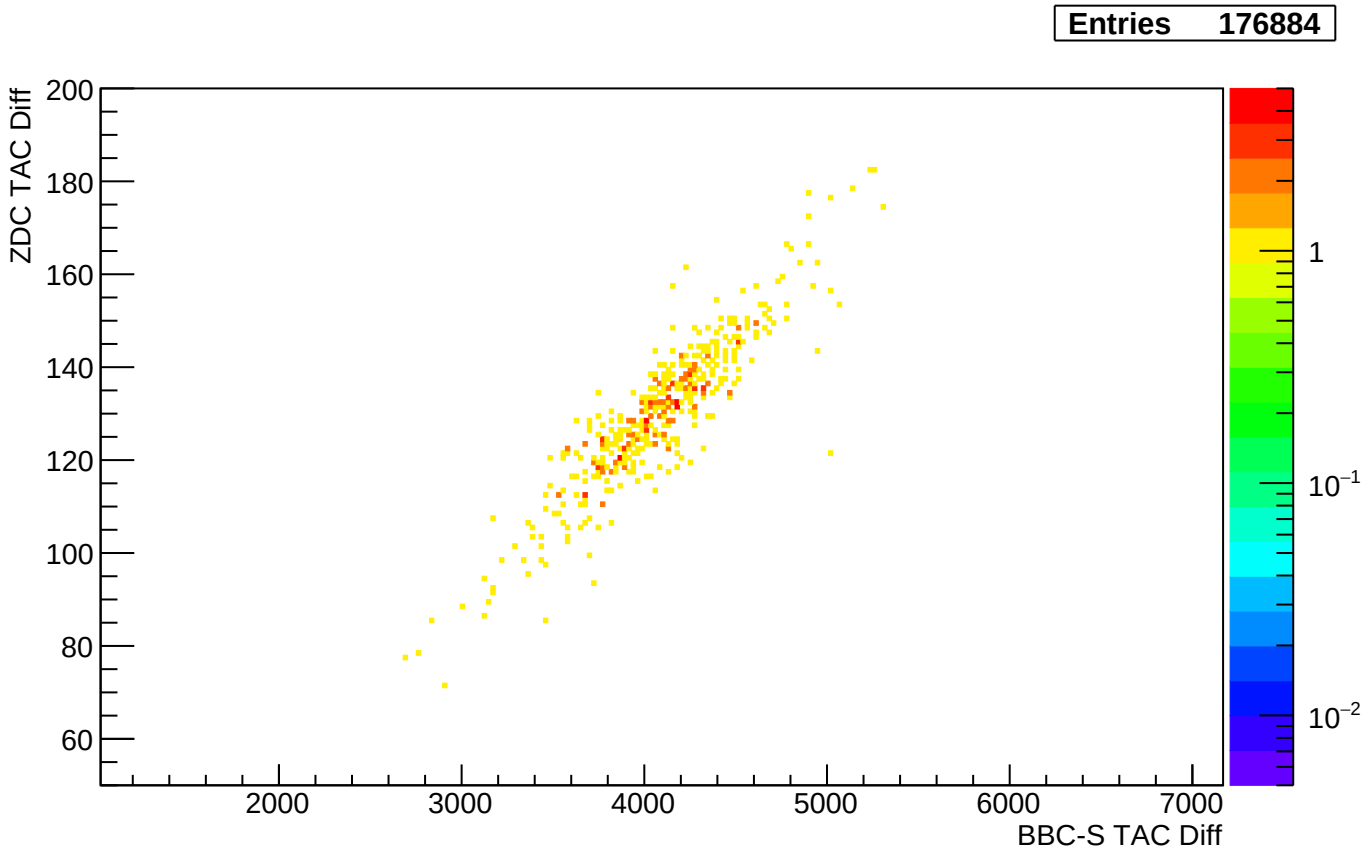

Entries 176884
TOF-Mult
EPD-West Hit Cnt

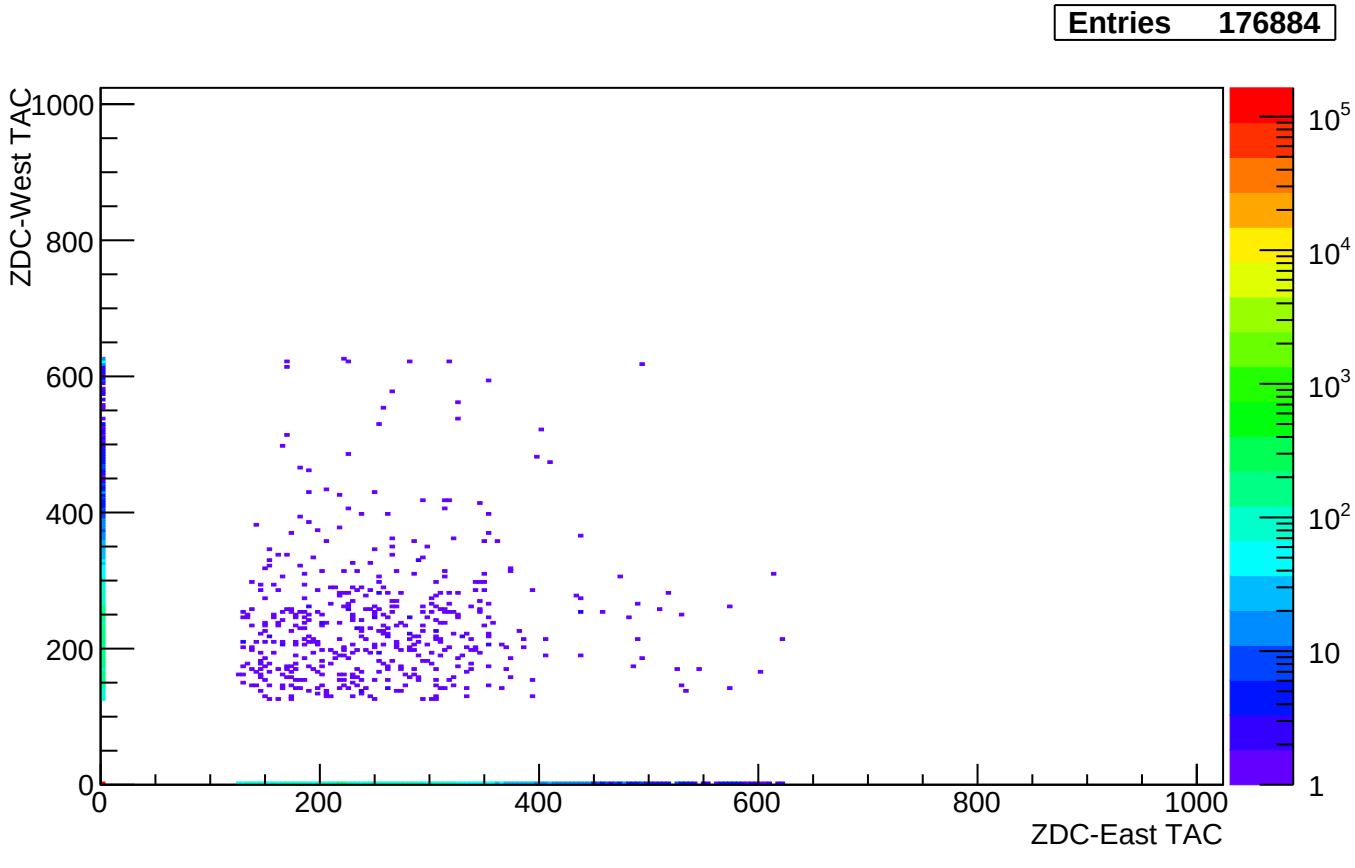

Entries 176884
TOF-Mult
VPD-East ADC Sum

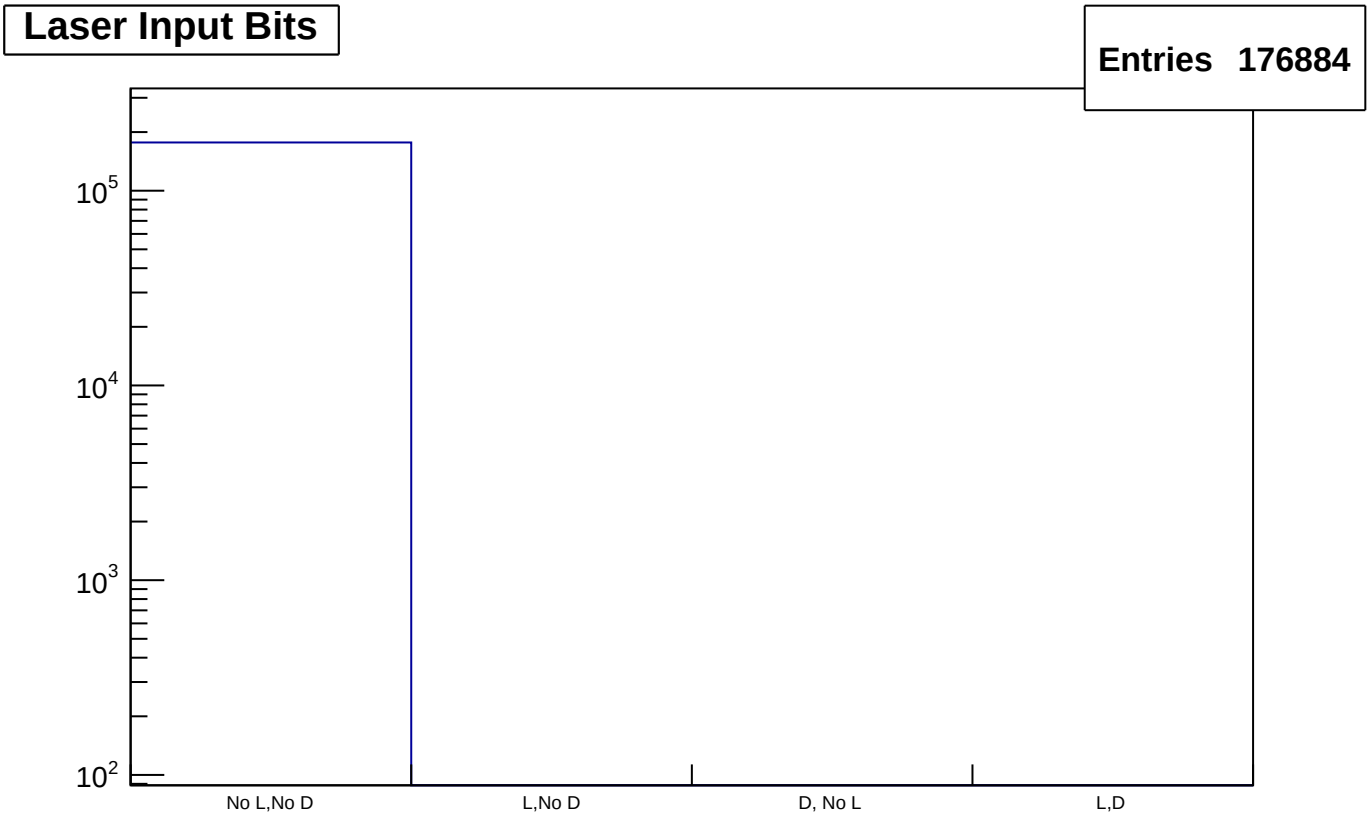

Entries 176884
TOF-Mult
VPD-West ADC Sum

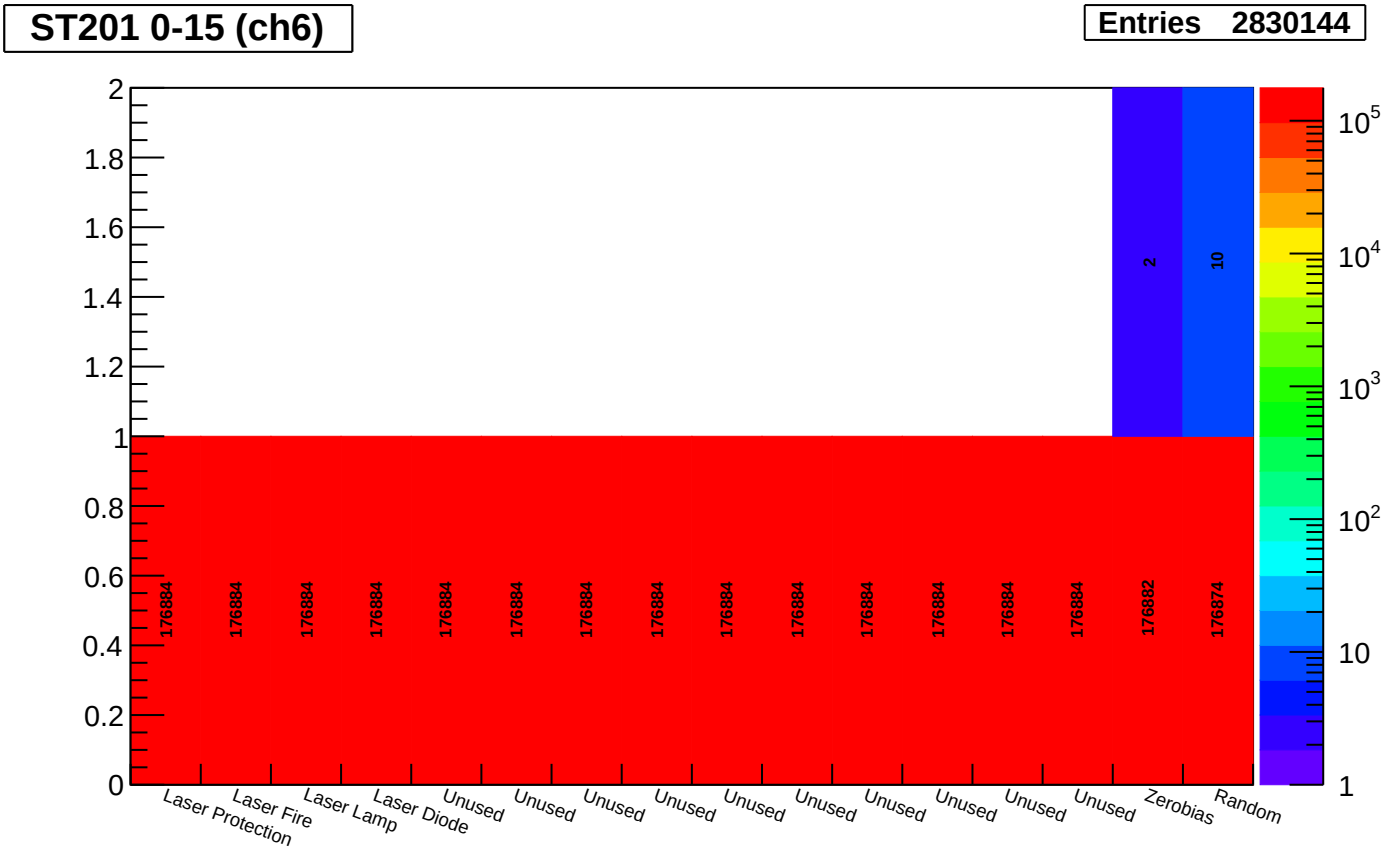

Entries 176884
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

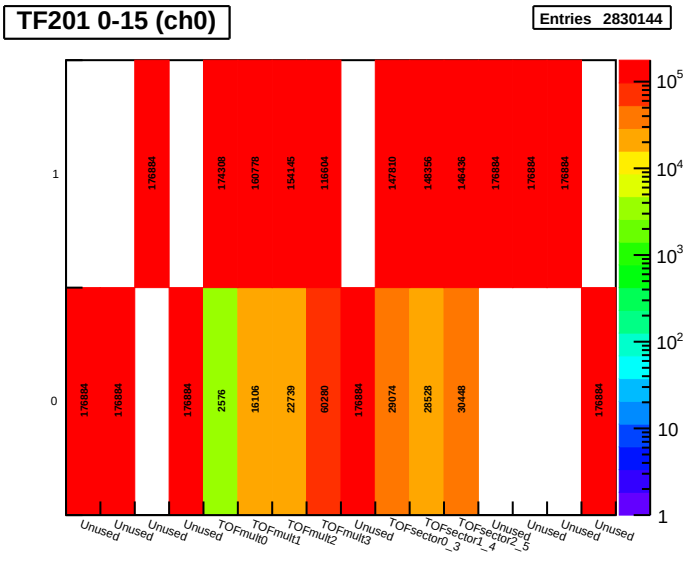

Entries 176884
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

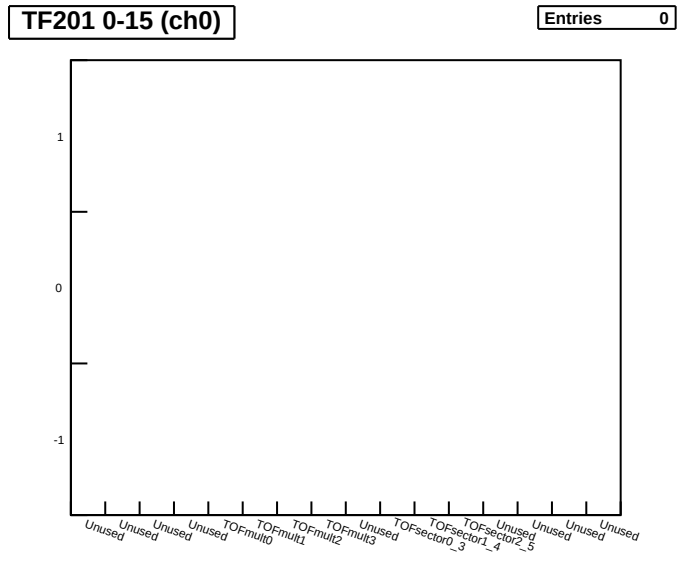

Entries 176884
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
$10^{-1}$
$10^{-2}$

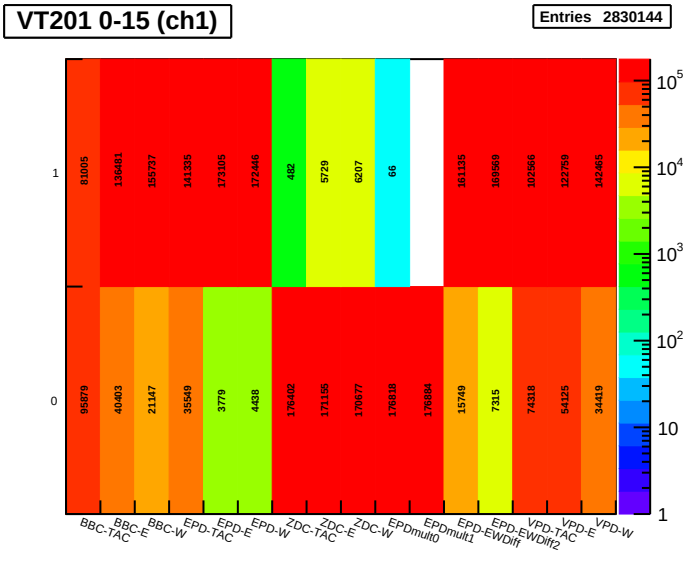

Entries 176884
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
$10^5$
$10^4$
$10^3$
$10^2$
10
1

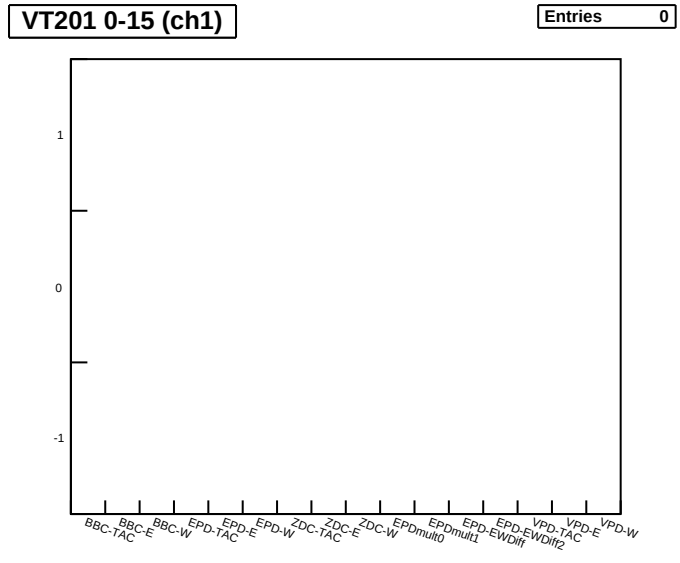

Laser Input Bits
Entries 176884
$10^5$
$10^4$
$10^3$
$10^2$
No L,No D
L,No D
D, No L
L,D

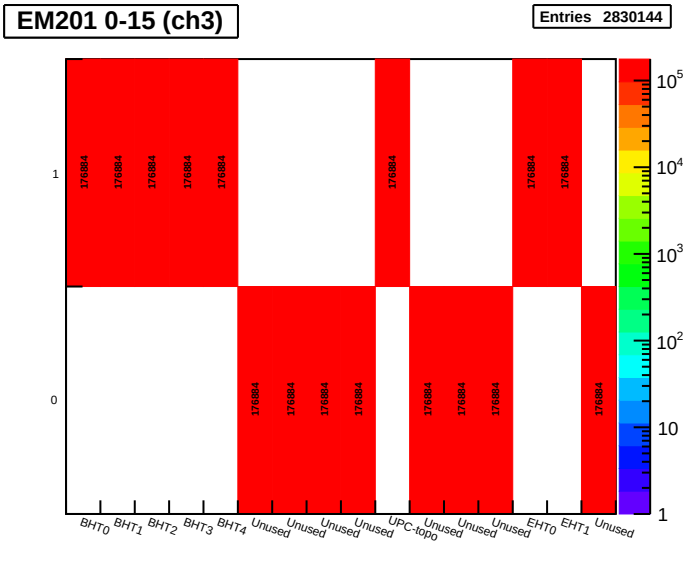

ST201 0-15 (ch6)
Entries 2830144
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
176884
176884
176884
176884
176884
176884
176884
176884
176884
176884
176884
176884
176884
176884
176884
176882
176874
2
10
$10^5$
$10^4$
$10^3$
$10^2$
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

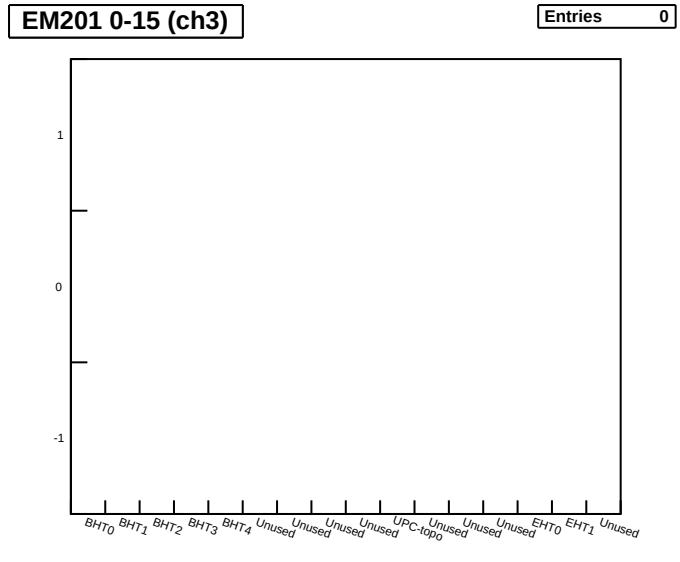

TF201 0-15 (ch0)
Entries 2830144
1
0
176884 174308 160778 154145 116604 147810 148356 146436 176884 176884 176884
176884 176884 176884 2576 16106 22739 60280 176884 29074 28528 30448 176884
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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


VT201 0-15 (ch1)
Entries 2830144
1
0
81005 136481 155737 141335 173105 172446 482 5729 6207 66 161135 169569 102566 122759 142465
95879 40403 21147 35549 3779 4438 176402 171155 170677 176818 176884 15749 7315 74318 54125 34419
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 2830144
1
0
176884 176884 176884 176884 176884 176884 176884 176884
176884 176884 176884 176884 176884 176884 176884 176884
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