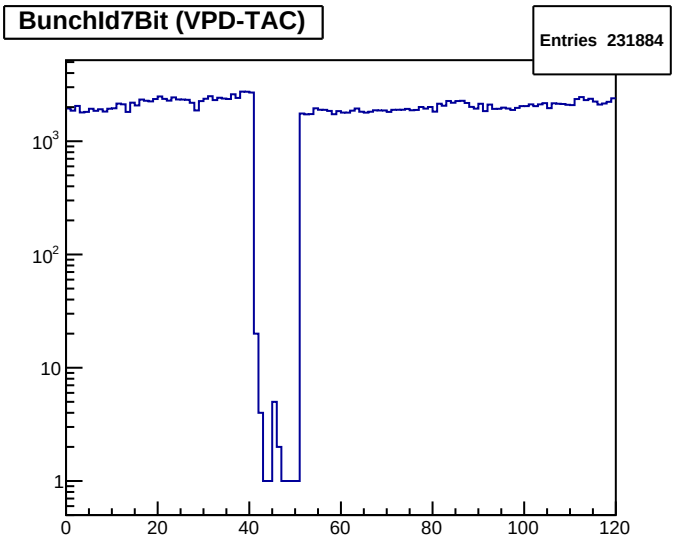
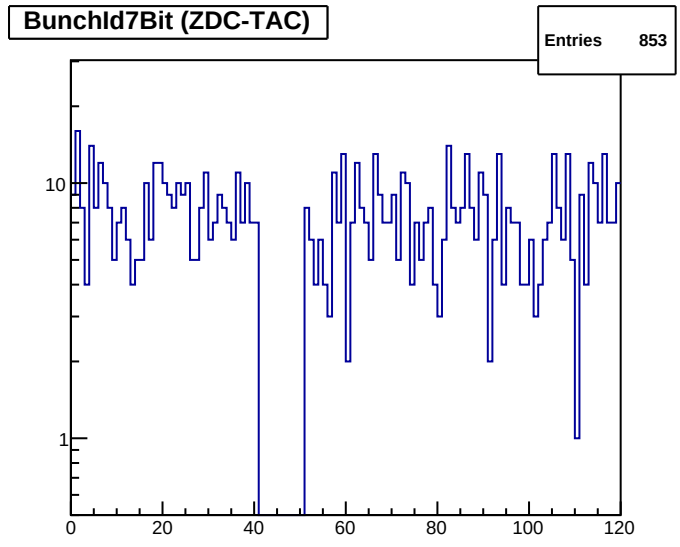
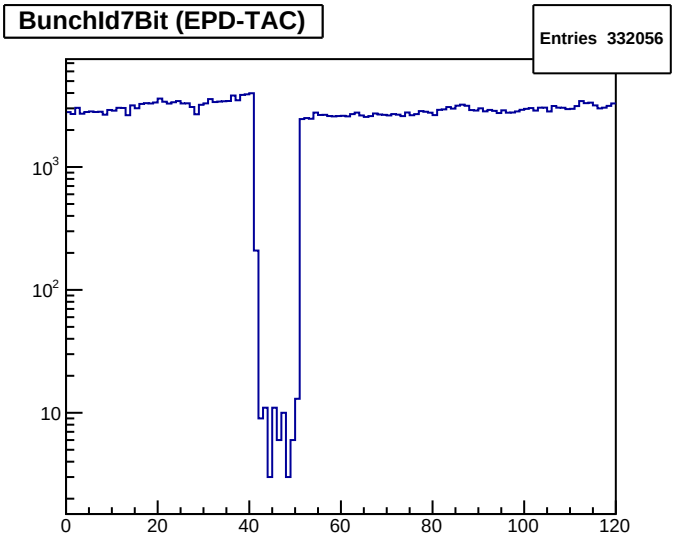
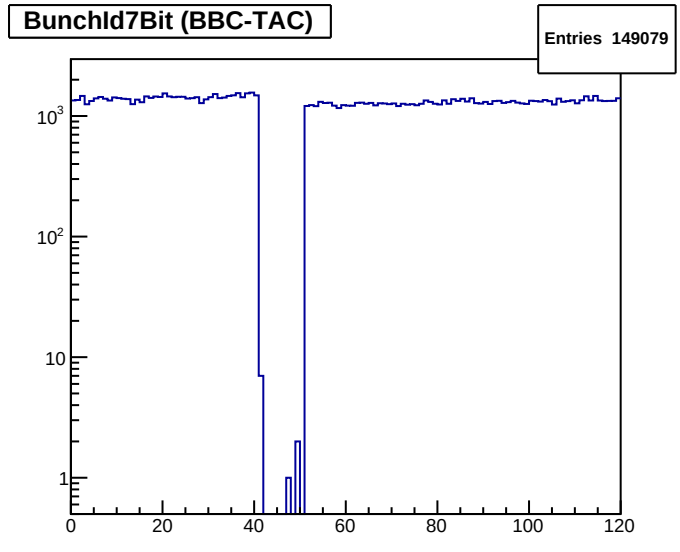
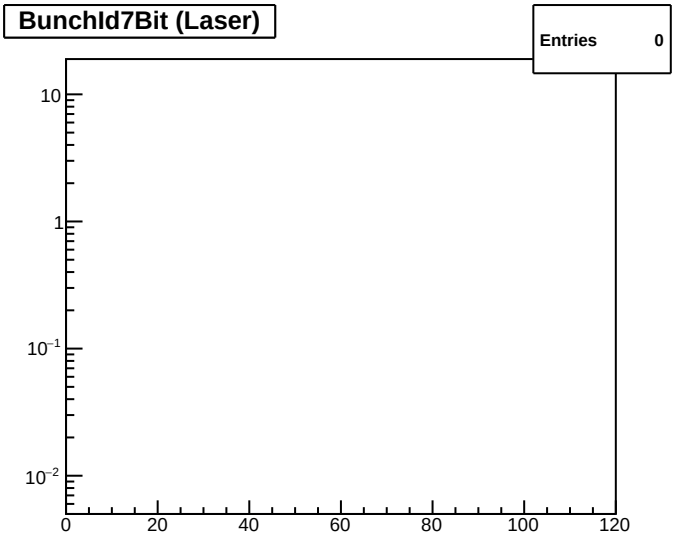
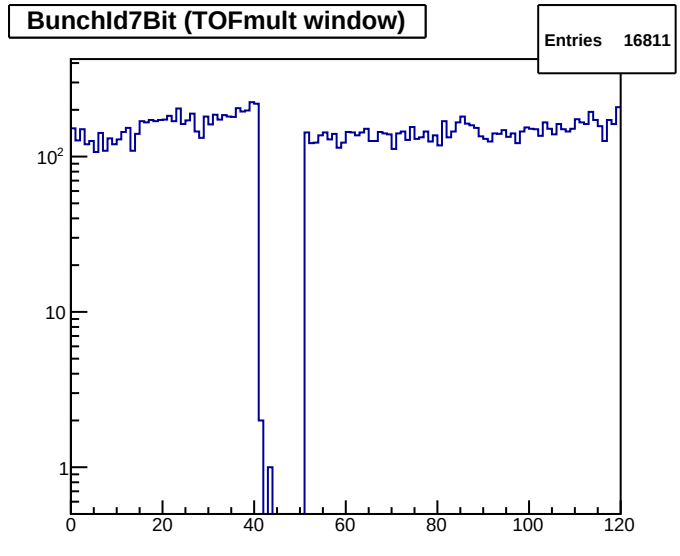

BunchId7Bit (VPD-TAC)
Entries 231884

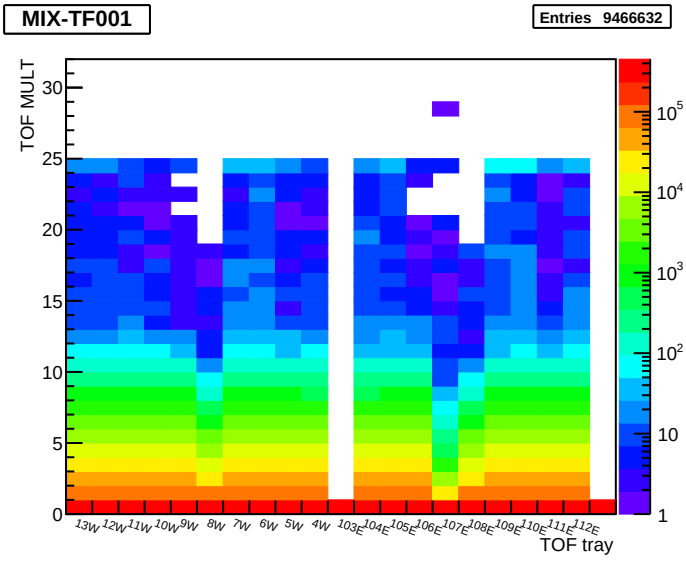

BunchId7Bit (ZDC-TAC)
Entries 853

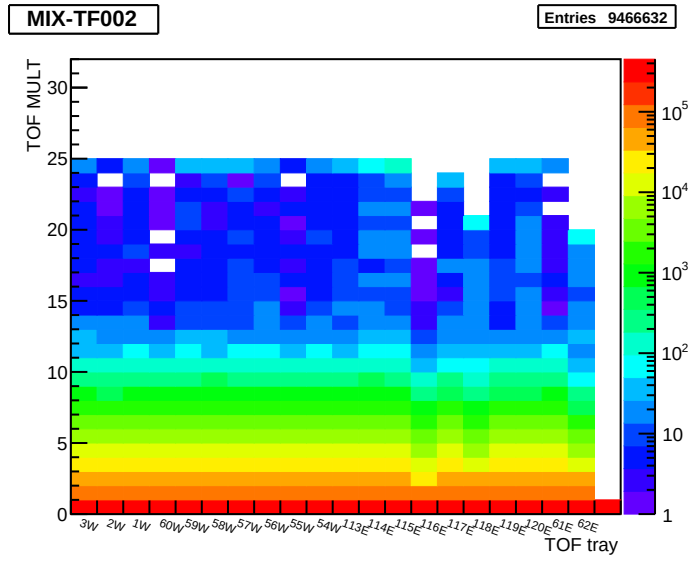

BunchId7Bit (EPD-TAC)
Entries 332056

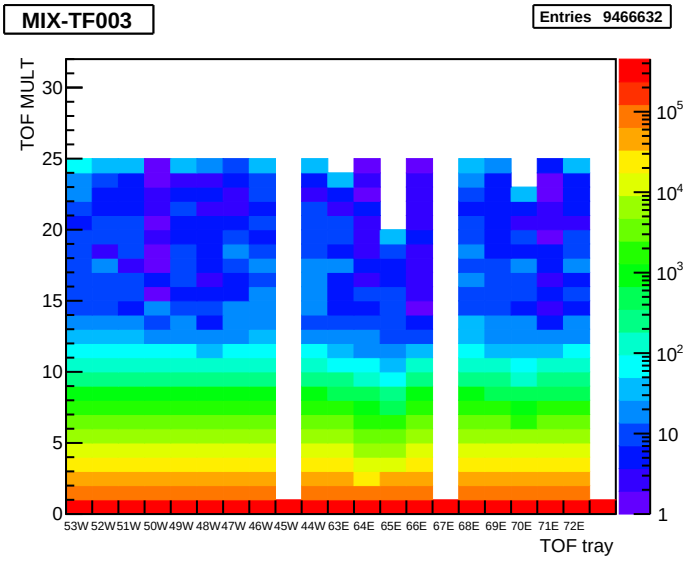

BunchId7Bit (BBC-TAC)
Entries 149079

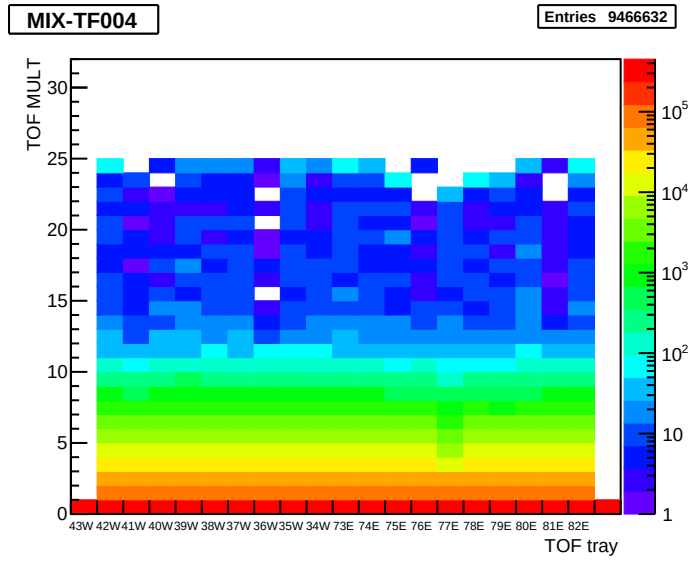

BunchId7Bit (Laser)
Entries 0

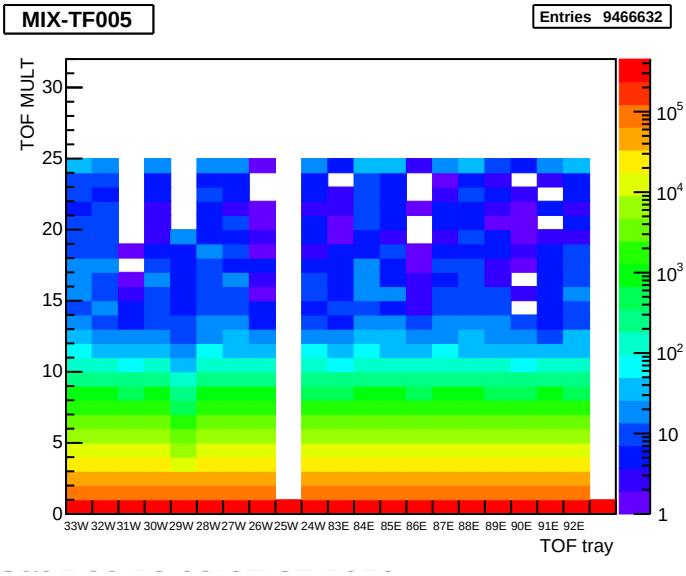

BunchId7Bit (TOFmult window)
Entries 16811

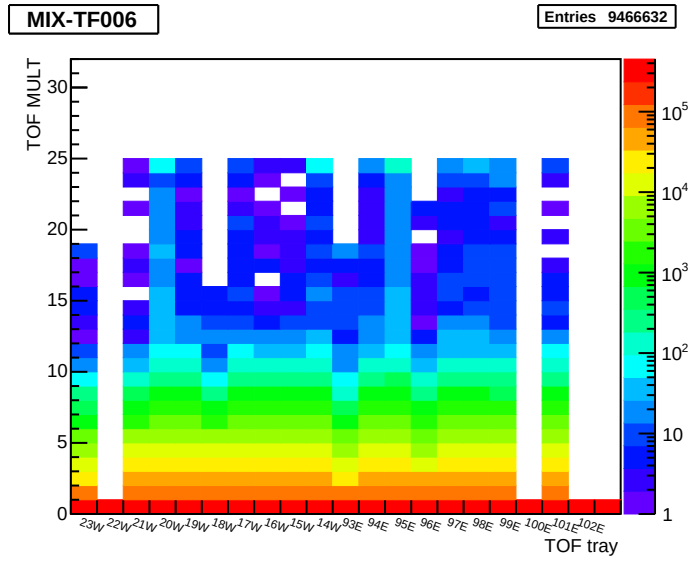

MIX-TF001
Entries 9466632
TOF MULT
TOF tray

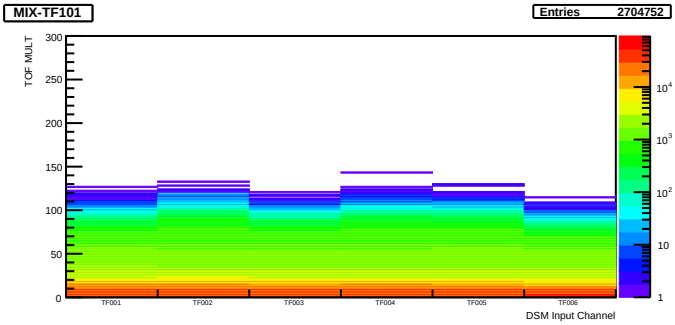

MIX-TF002
Entries 9466632
TOF MULT
TOF tray

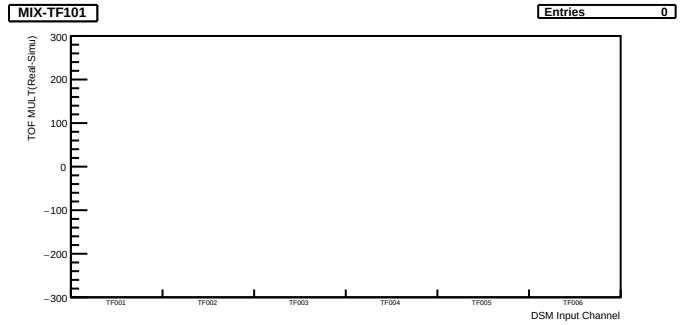

MIX-TF003
Entries 9466632
TOF MULT
TOF tray

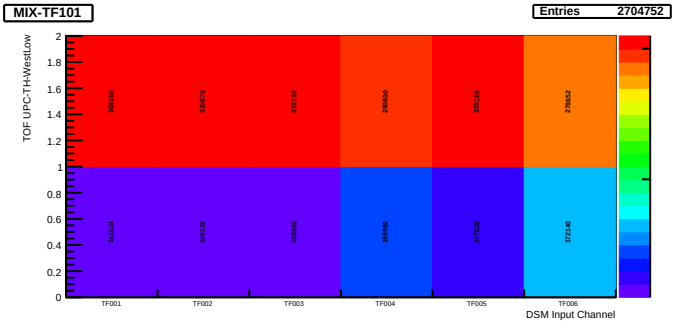

MIX-TF004
Entries 9466632
TOF MULT
TOF tray

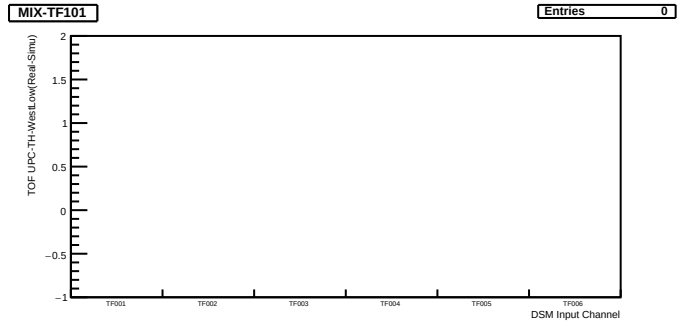

MIX-TF005
Entries 9466632
TOF MULT
TOF tray

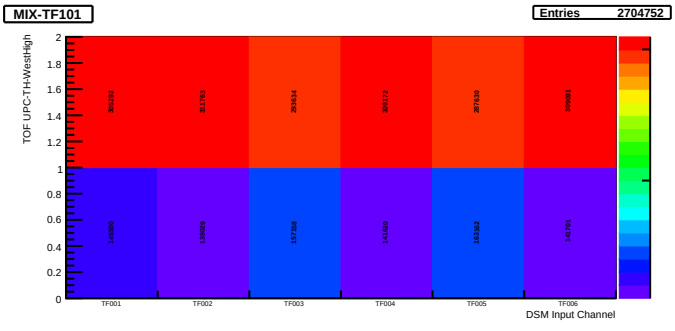

MIX-TF006
Entries 9466632
TOF MULT
TOF tray

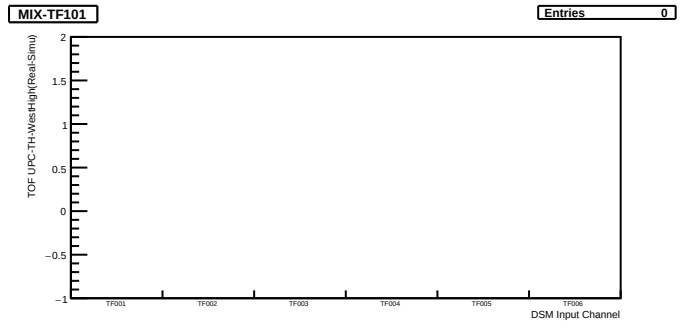

MIX-TF101
Entries 2704752
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

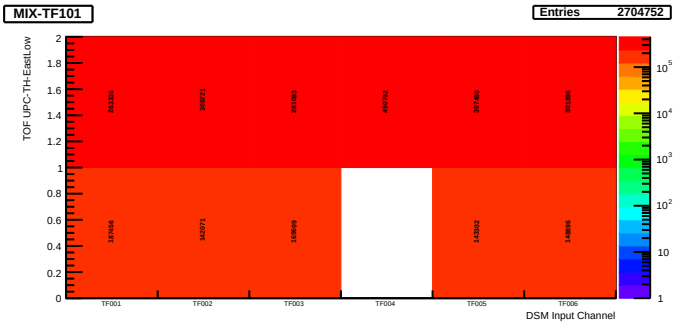

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

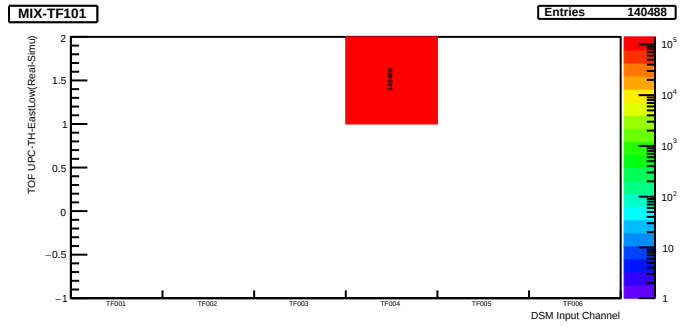

MIX-TF101
Entries 2704752
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

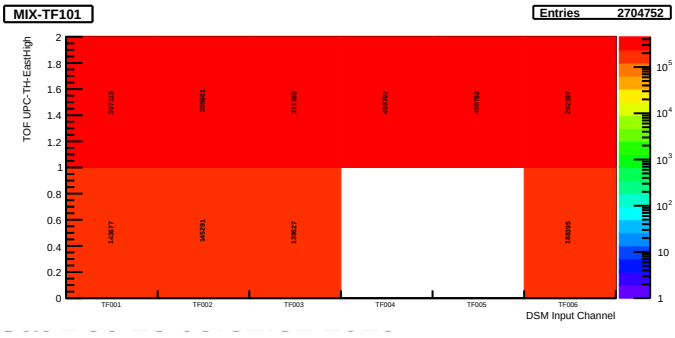

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

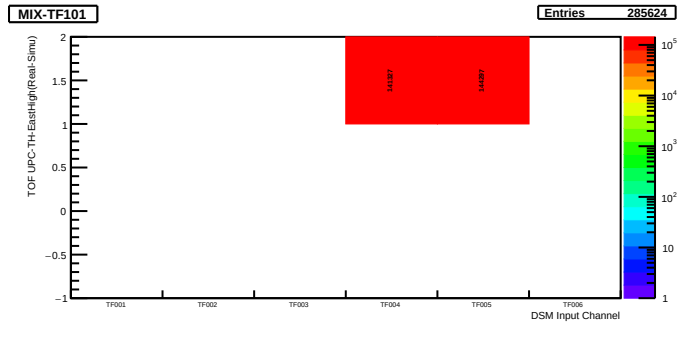

MIX-TF101
Entries 2704752
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

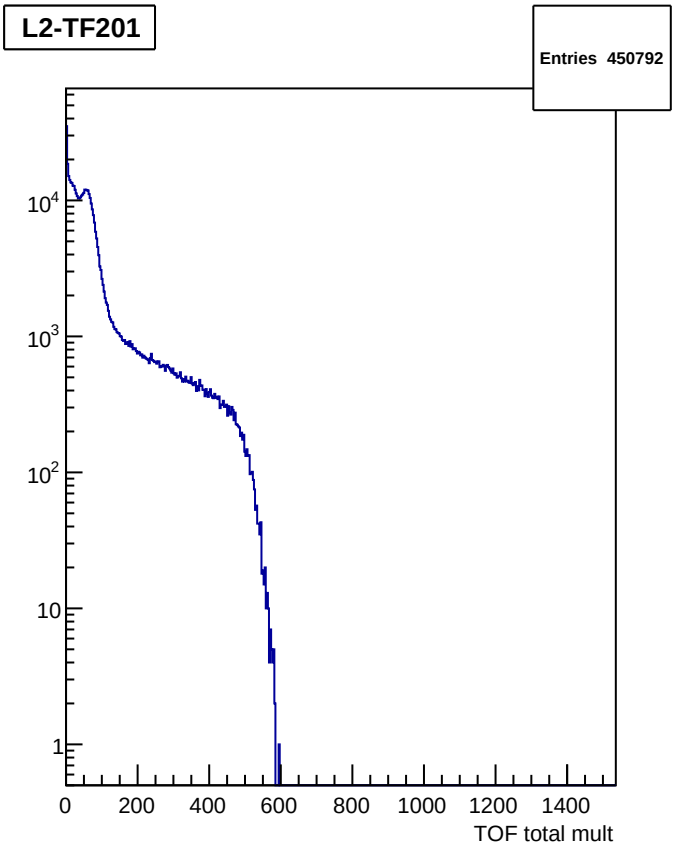

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

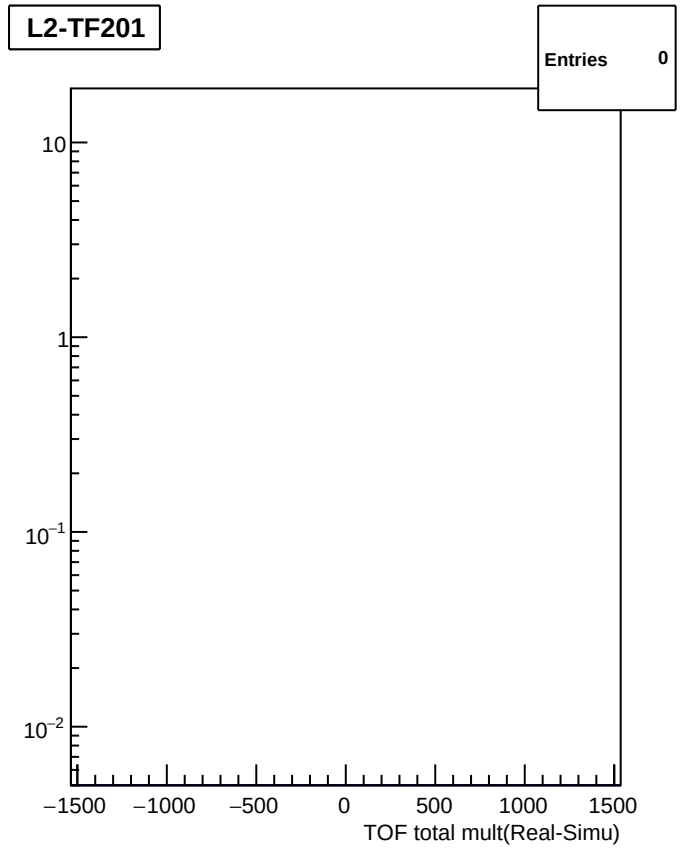

MIX-TF101
Entries 2704752
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

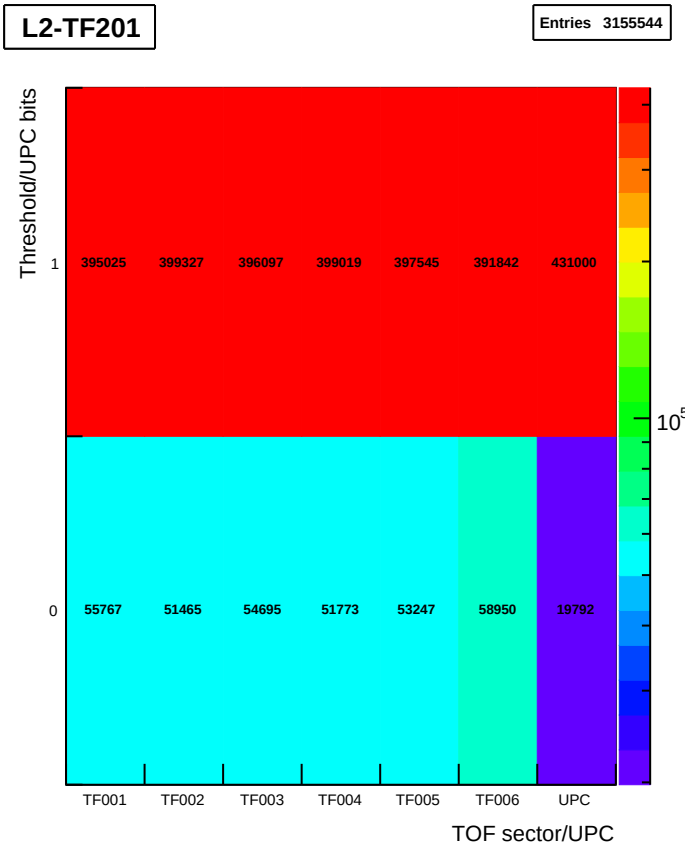

MIX-TF101
Entries 140488
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

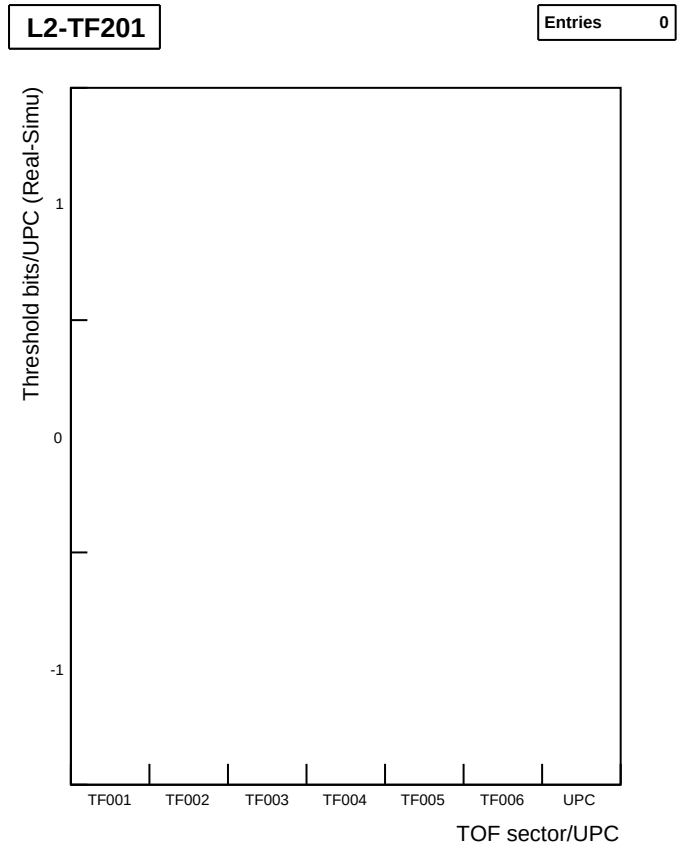

MIX-TF101
Entries 2704752
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

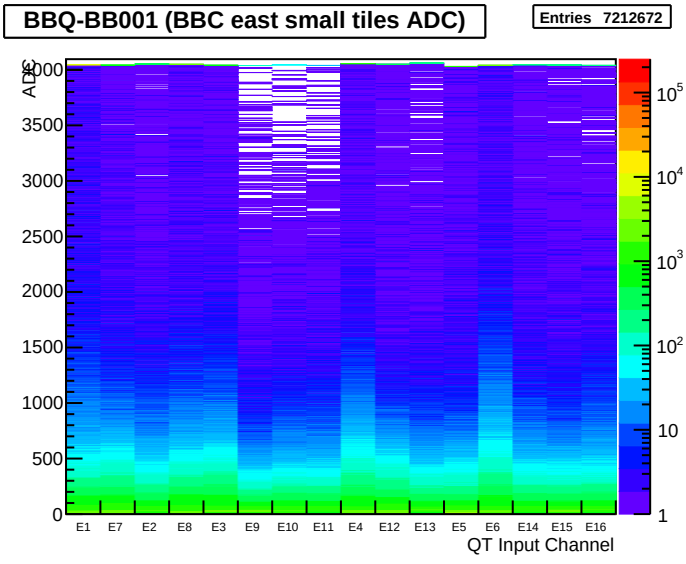

MIX-TF101
Entries 285624
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

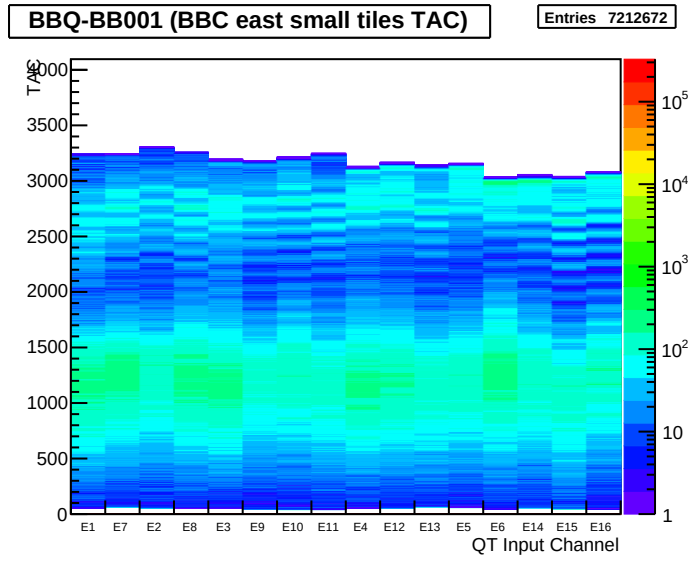

L2-TF201
Entries 450792
TOF total mult

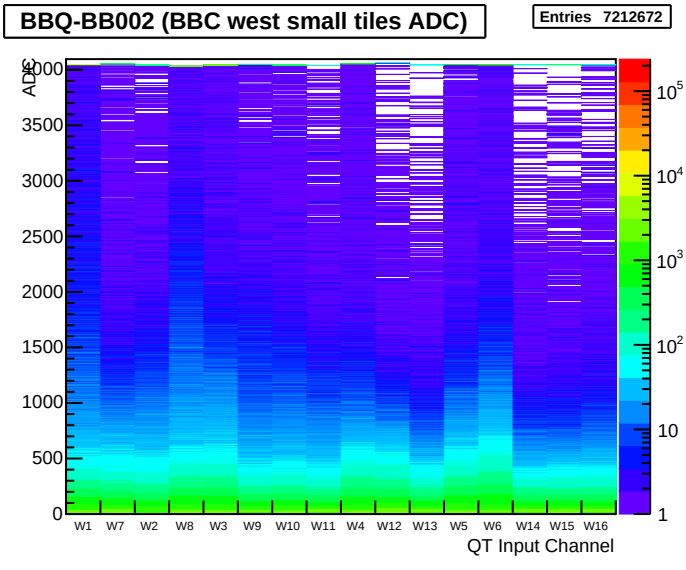

L2-TF201
Entries 0
TOF total mult(Real-Simu)

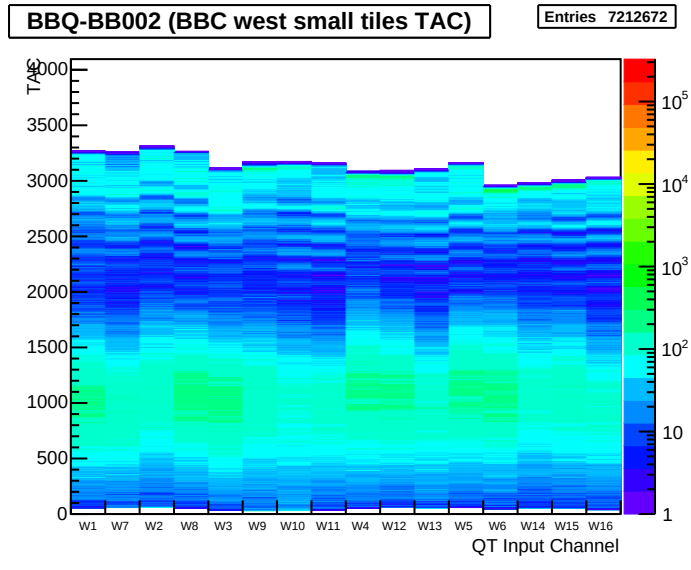

L2-TF201
Entries 3155544
Threshold/UPC bits
395025
399327
396097
399019
397545
391842
431000
55767
51465
54695
51773
53247
58950
19792
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

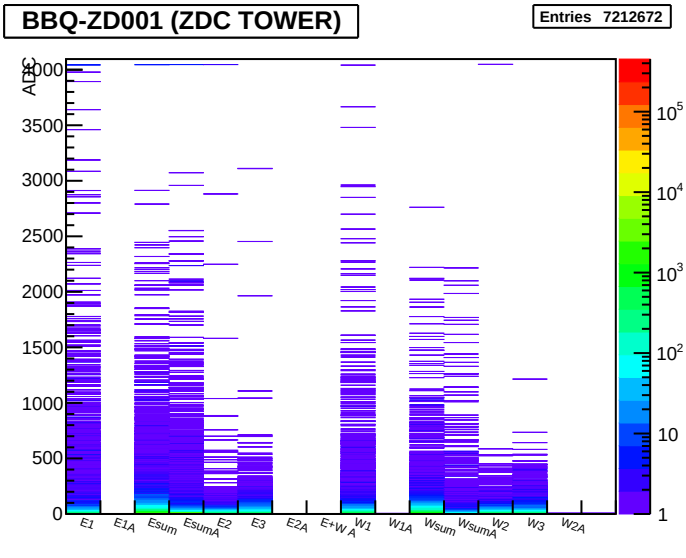

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

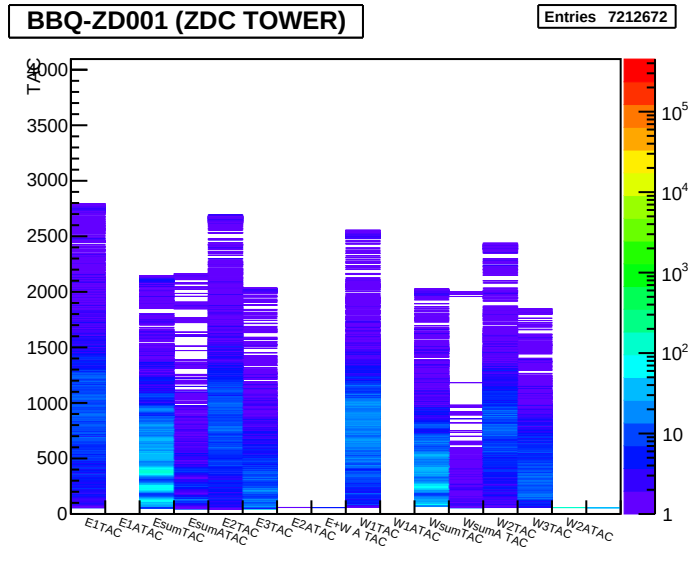

BBQ-BB001 (BBC east small tiles ADC)
Entries 7212672
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

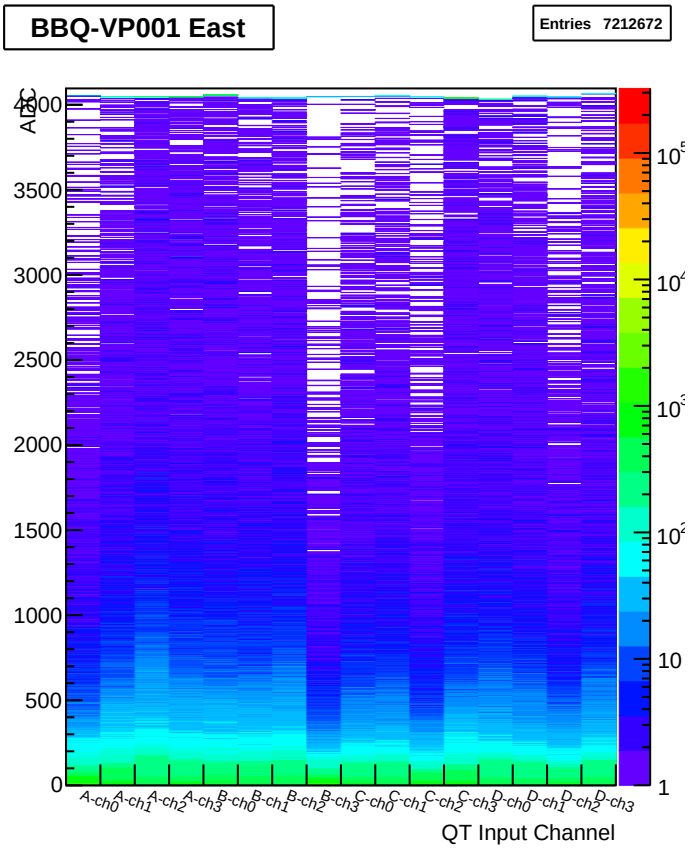

BBQ-BB001 (BBC east small tiles TAC)
Entries 7212672
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

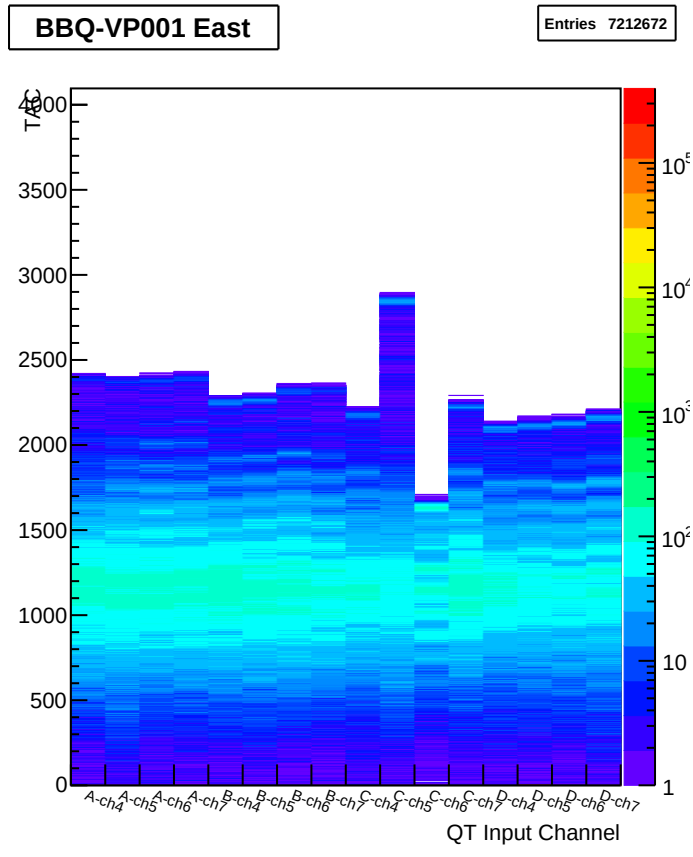

BBQ-BB002 (BBC west small tiles ADC)
Entries 7212672
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

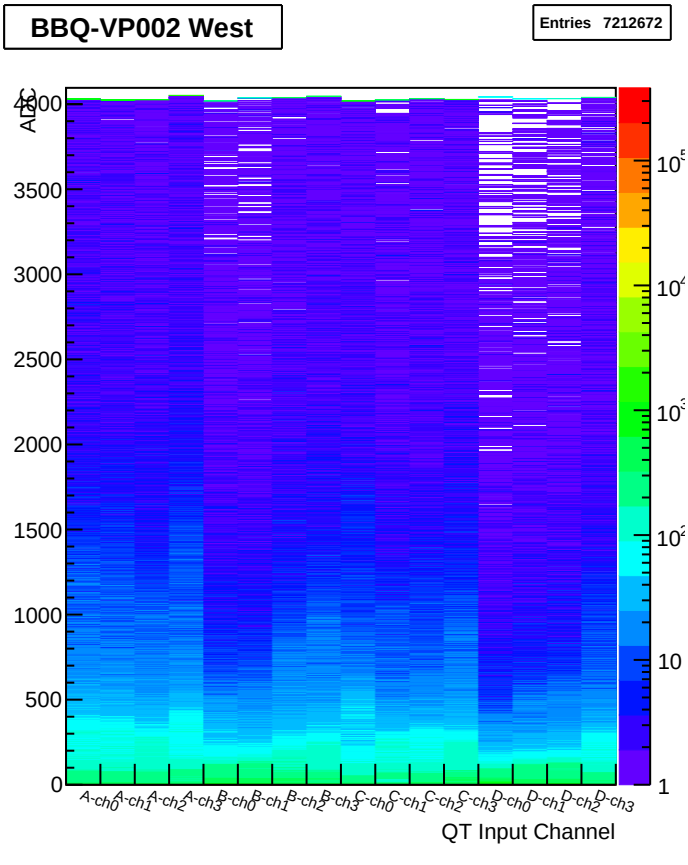

BBQ-BB002 (BBC west small tiles TAC)
Entries 7212672
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

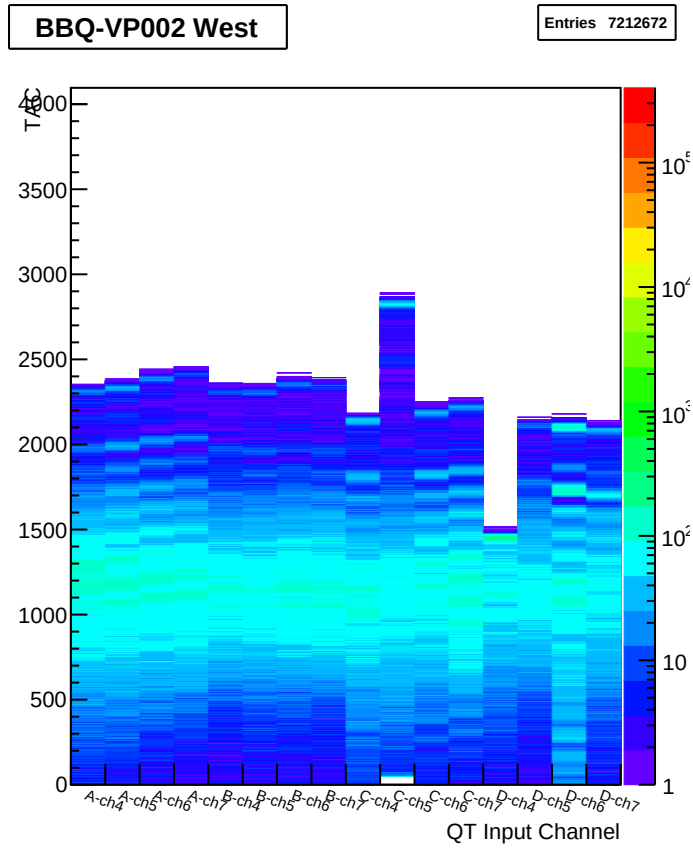

BBQ-ZD001 (ZDC TOWER)
Entries 7212672
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

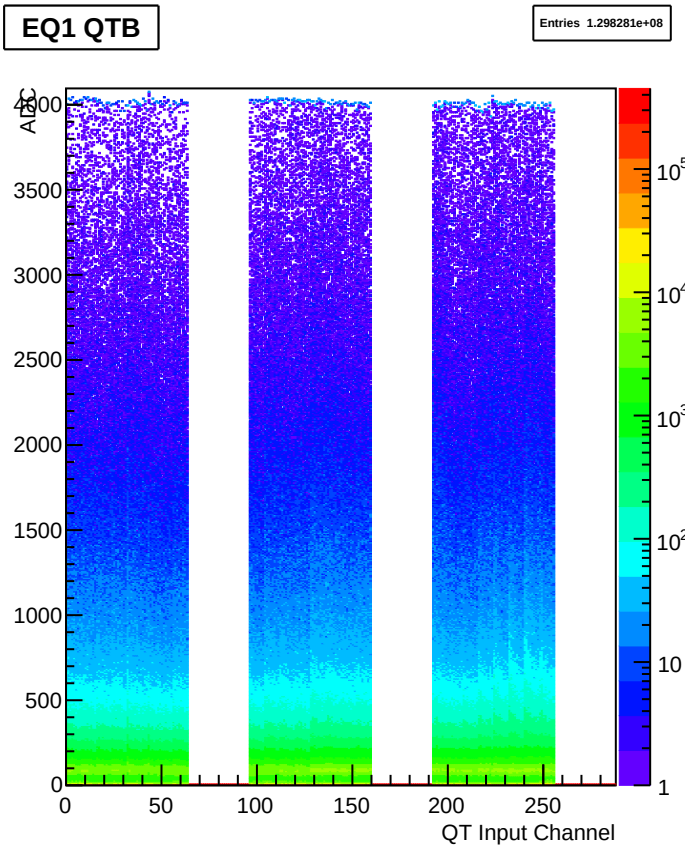

BBQ-ZD001 (ZDC TOWER)
Entries 7212672
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

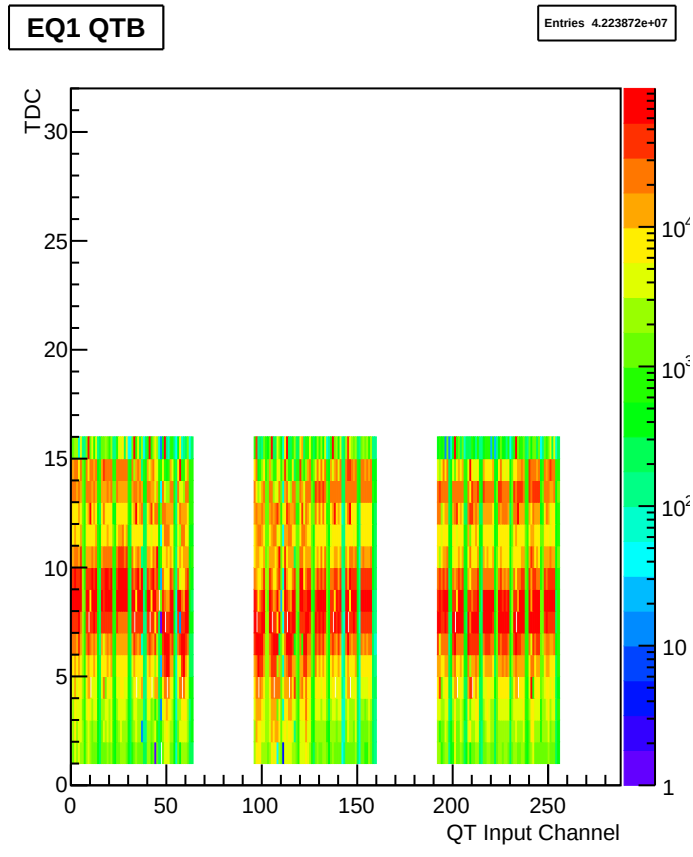

BBQ-VP001 East
Entries 7212672
ADC
QT Input Channel

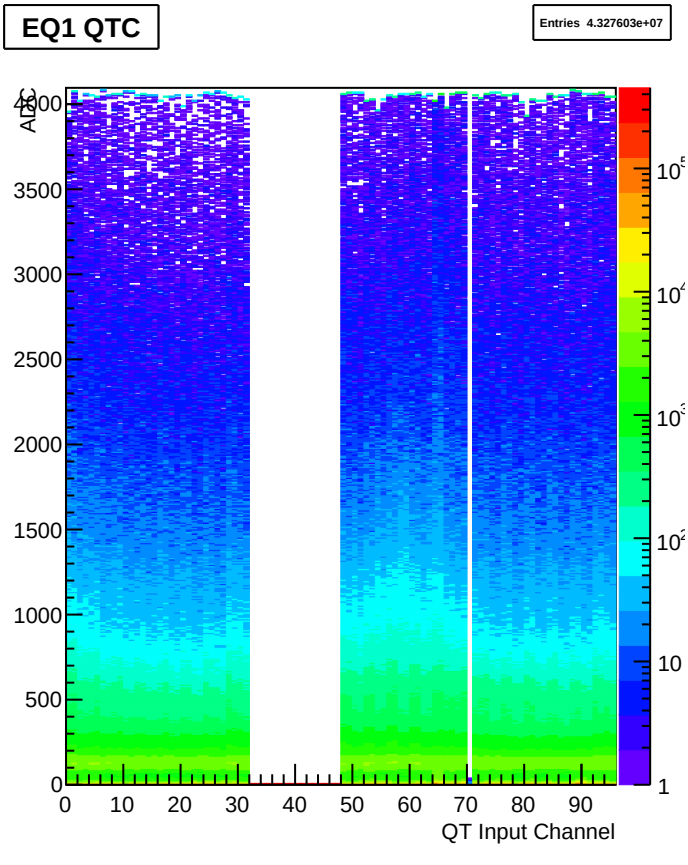

BBQ-VP001 East
Entries 7212672
TAC
QT Input Channel

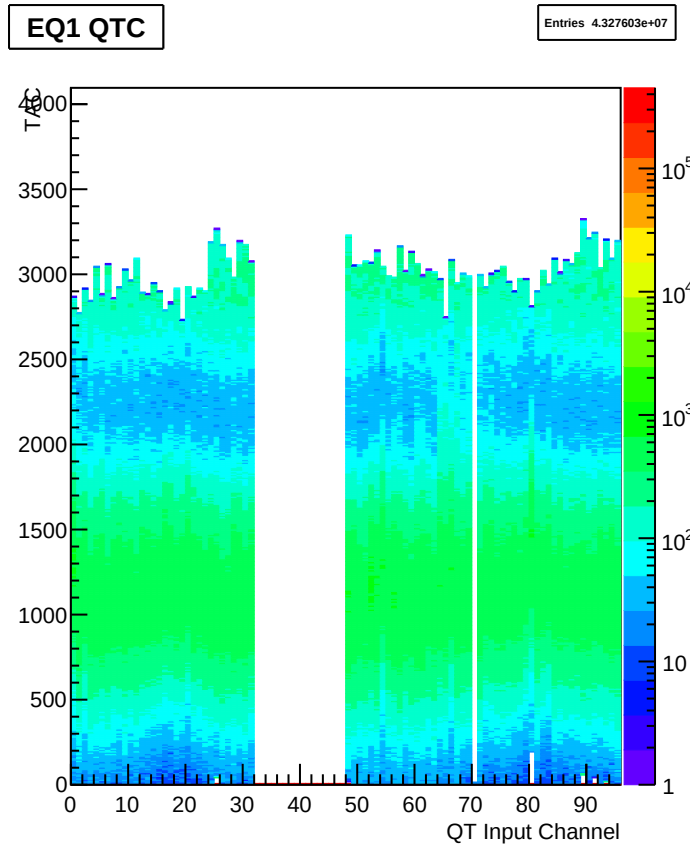

BBQ-VP002 West
Entries 7212672
ADC
QT Input Channel

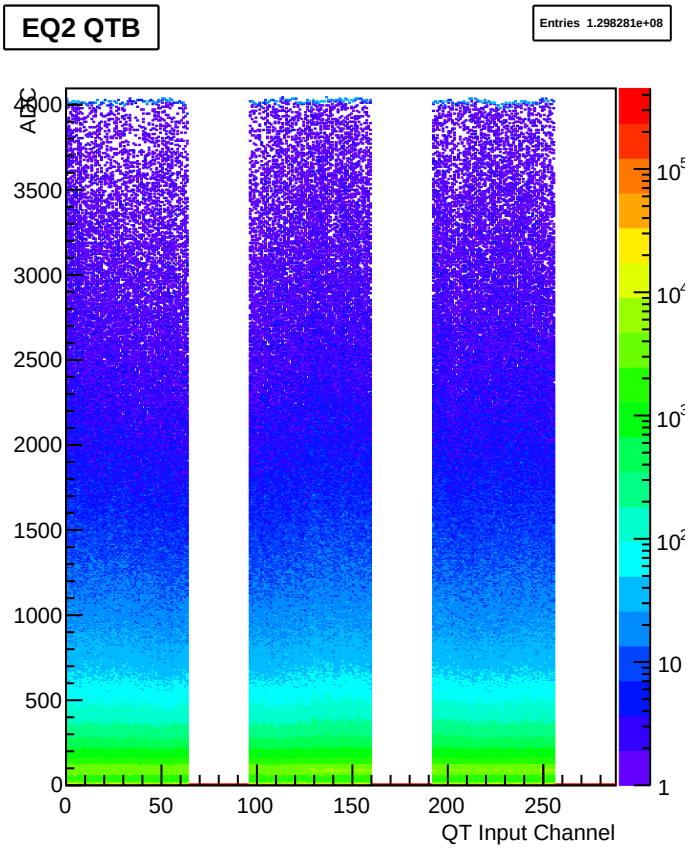

BBQ-VP002 West
Entries 7212672
TAC
QT Input Channel

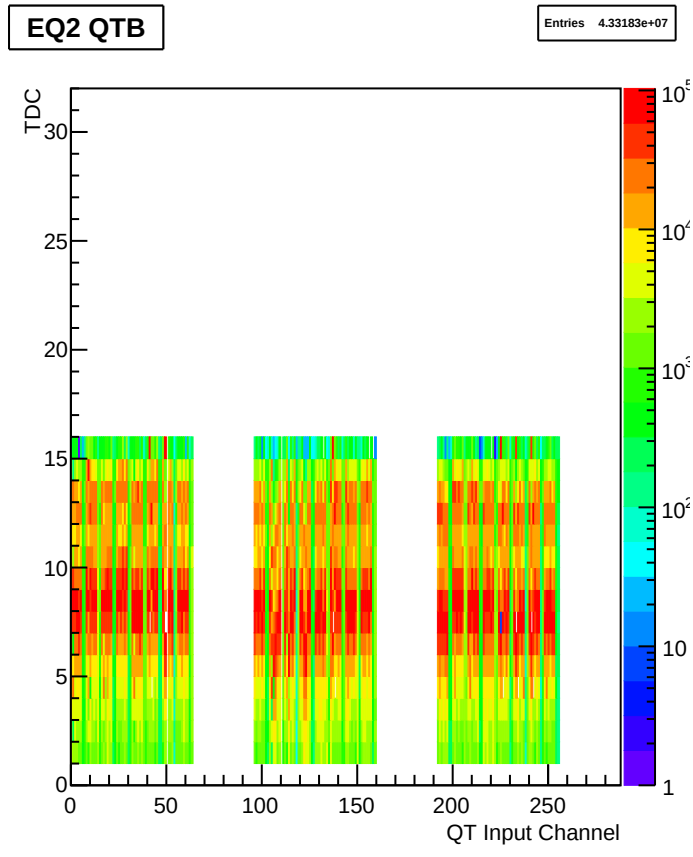

EQ1 QTB
Entries 1.298281e+08
ADC
QT Input Channel

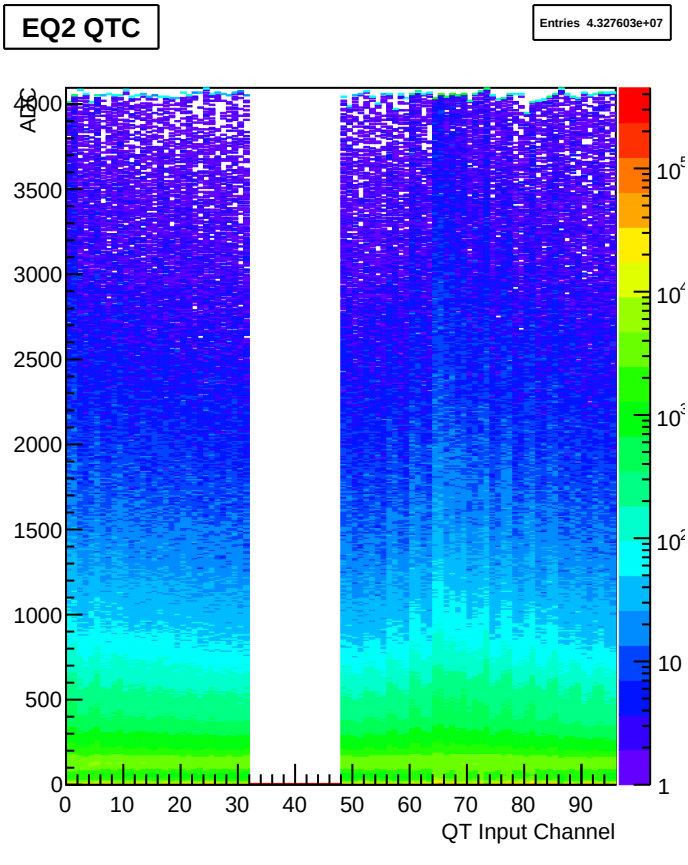

EQ1 QTB
Entries 4.223872e+07
TDC
QT Input Channel

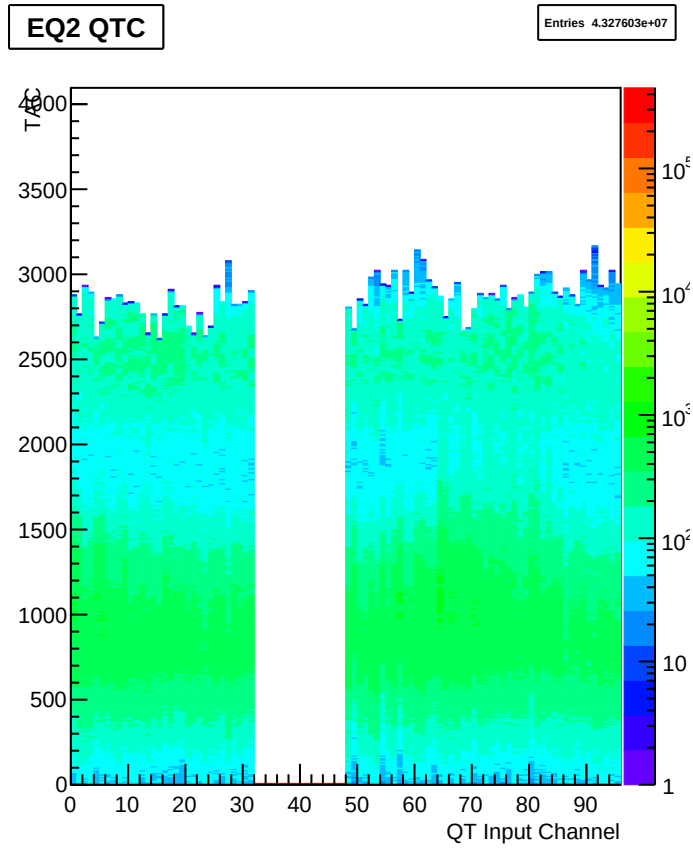

EQ1 QTC
Entries 4.327603e+07
ADC
QT Input Channel

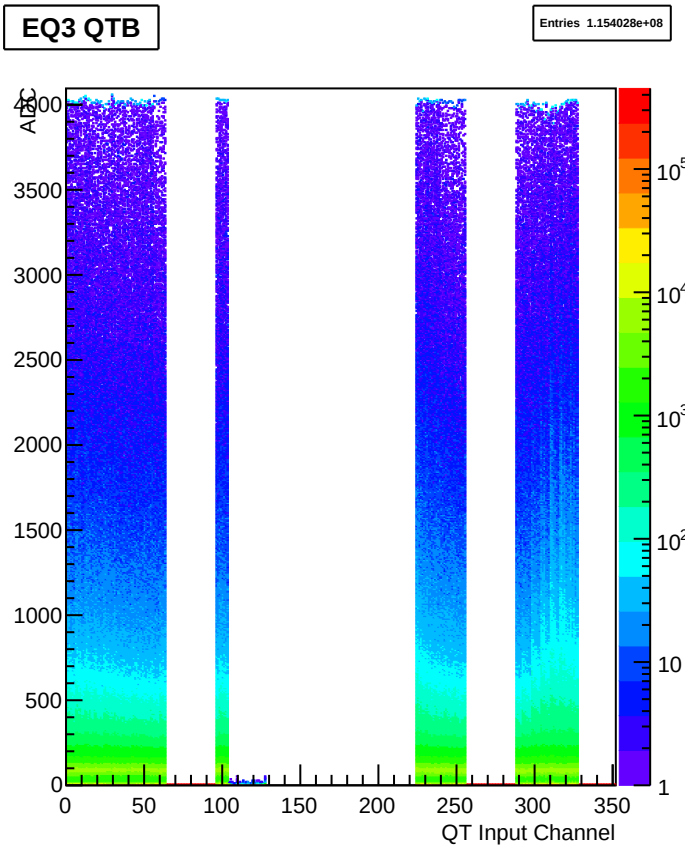

EQ1 QTC
Entries 4.327603e+07
TADC
QT Input Channel

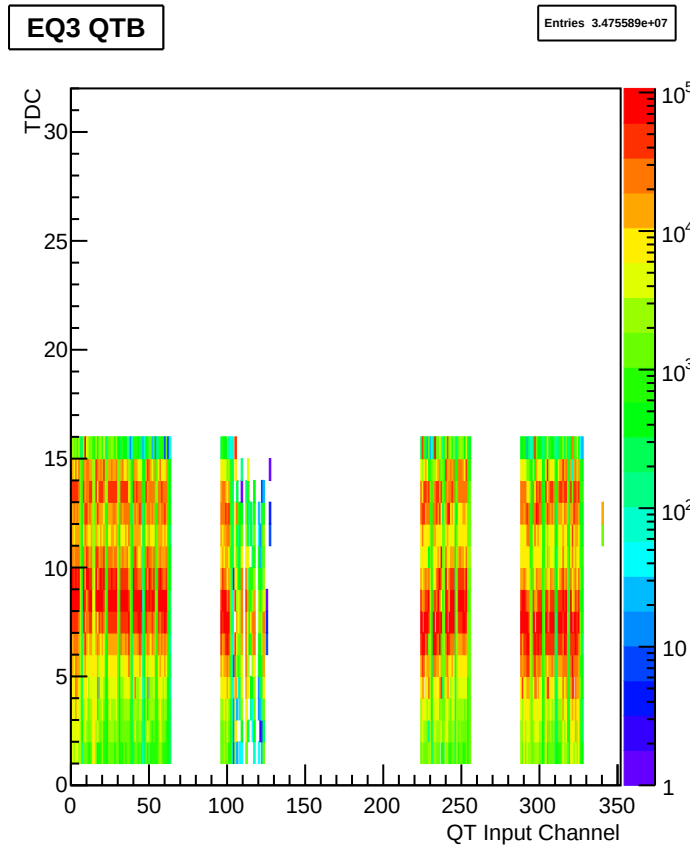

EQ2 QTB
Entries 1.298281e+08
ADC
QT Input Channel

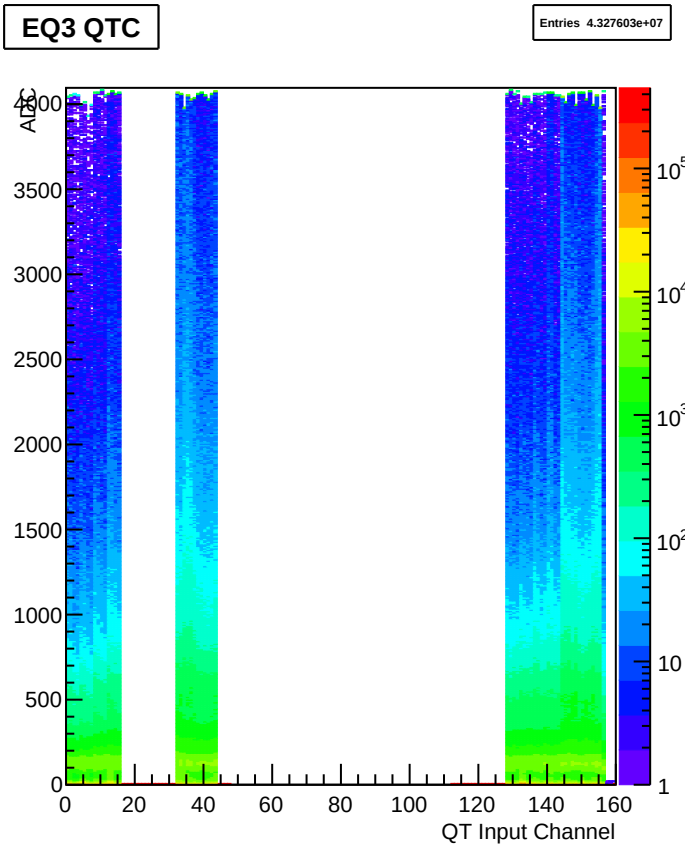

EQ2 QTB
Entries 4.33183e+07
TDC
QT Input Channel

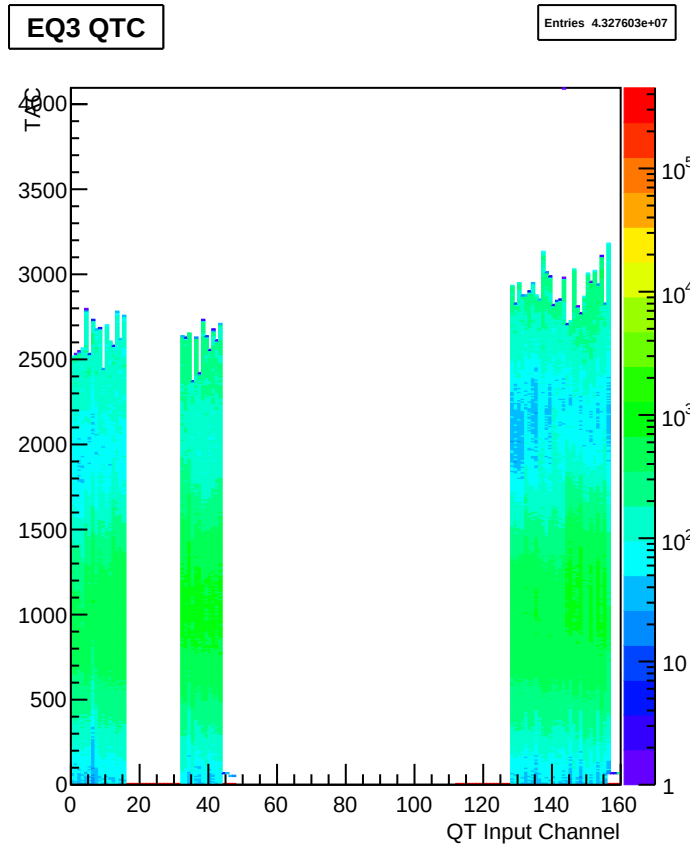

EQ2 QTC
Entries 4.327603e+07
ADC
QT Input Channel

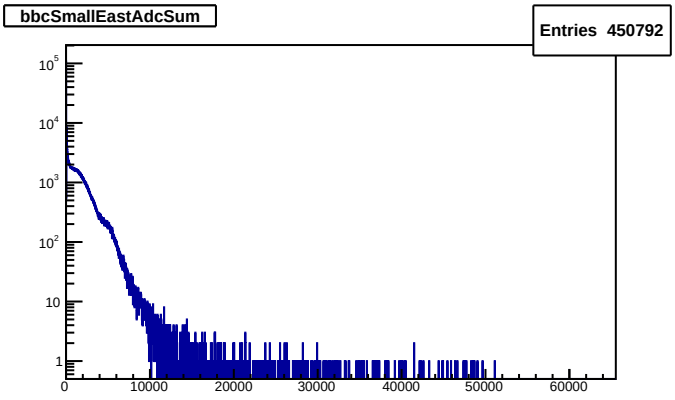

EQ2 QTC
Entries 4.327603e+07
TADC
QT Input Channel

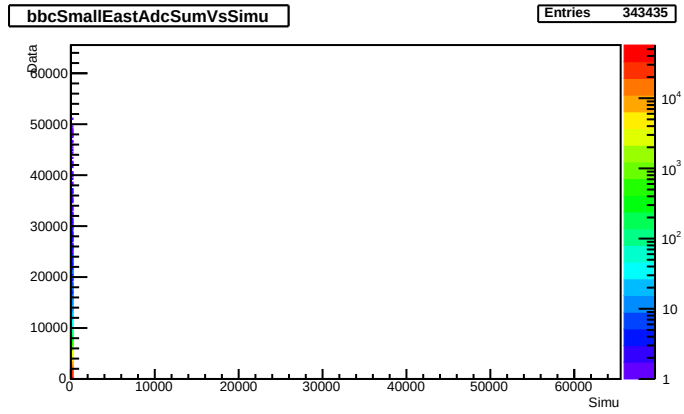

EQ3 QTB
Entries 1.154028e+08
ADC
QT Input Channel

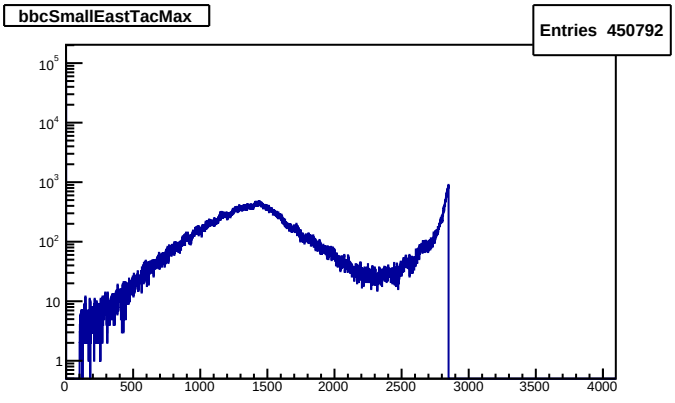

EQ3 QTB
Entries 3.475589e+07
TDC
QT Input Channel

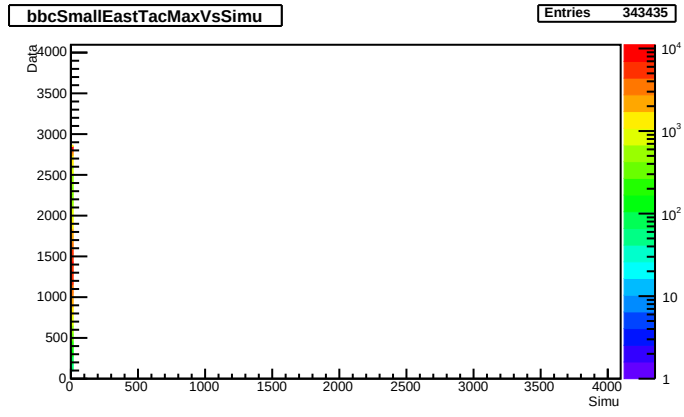

EQ3 QTC
Entries 4.327603e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.327603e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 450792


bbcSmallEastAdcSumVsSimu
Entries 343435
Data
Simu


bbcSmallEastTacMax
Entries 450792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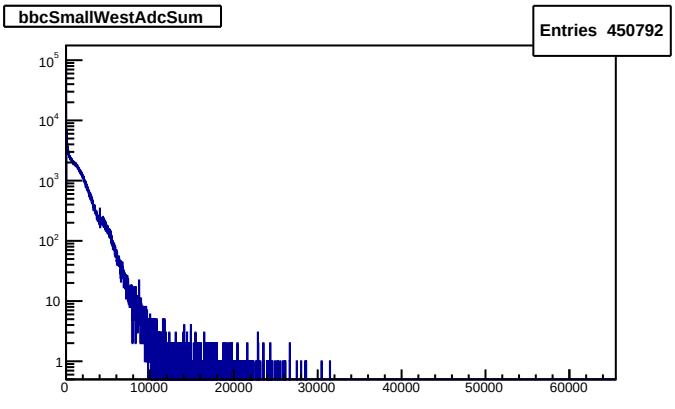
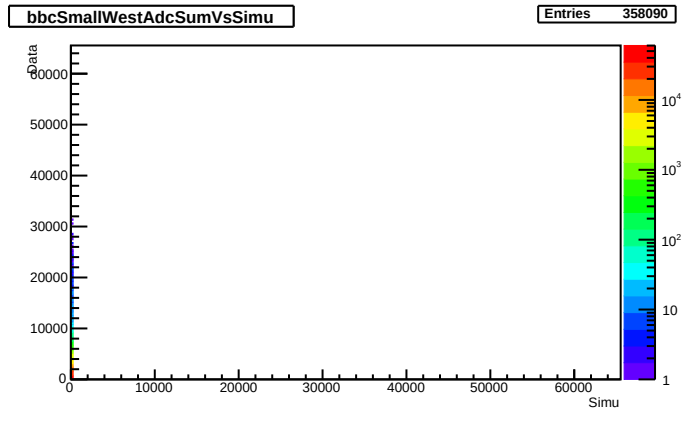
Entries 343435
Data
Simu


bbcSmallWestAdcSum
Entries 450792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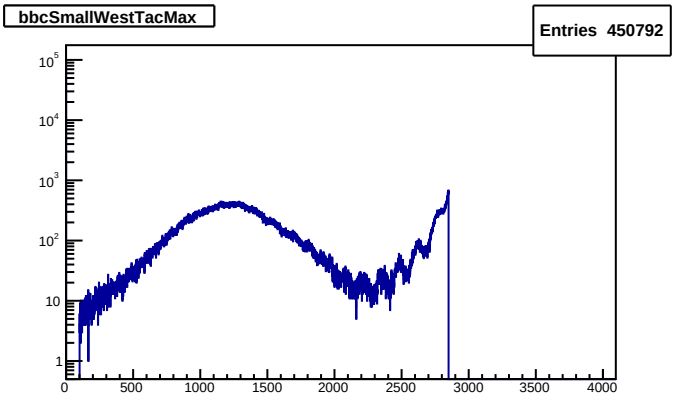
Entries 358090
Data
Simu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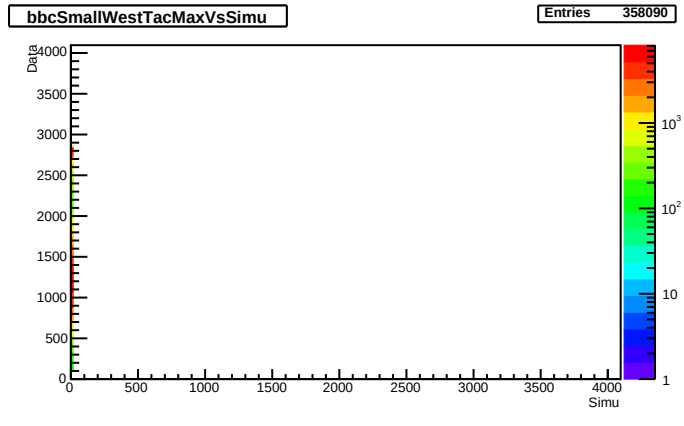
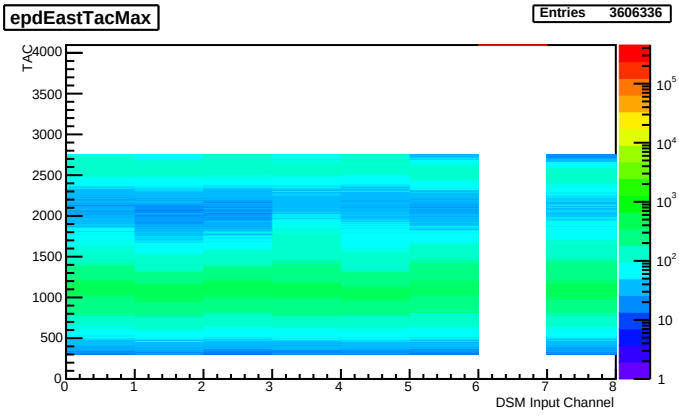
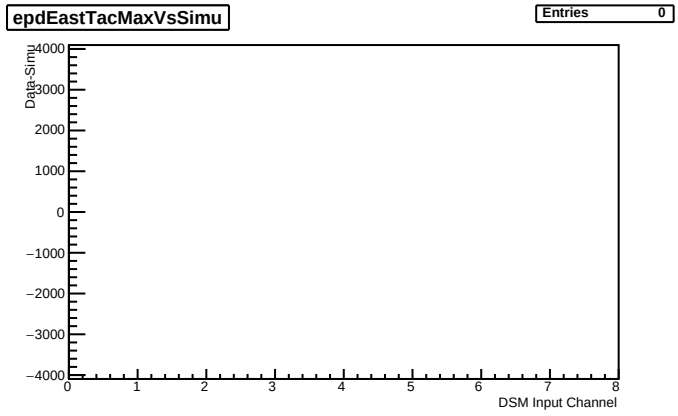
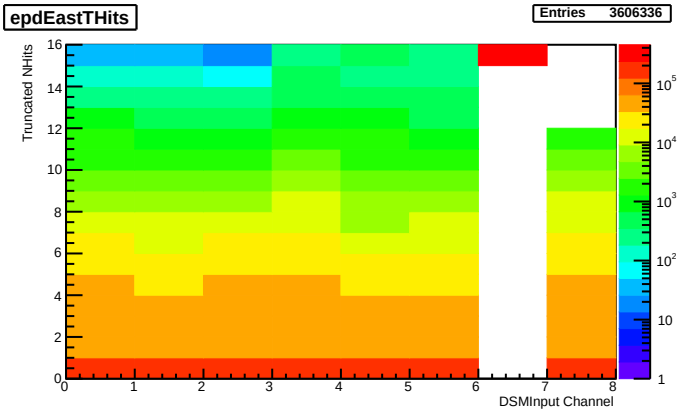
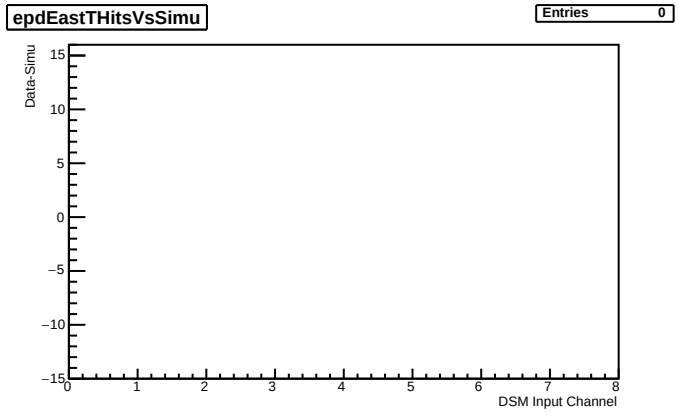
Entries 450792


bbcSmallWestTacMaxVsSimu
Entries 358090
Data
Simu


epdEastTacMax
Entries 3606336
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3606336
Truncated NHits
DSMInput Channel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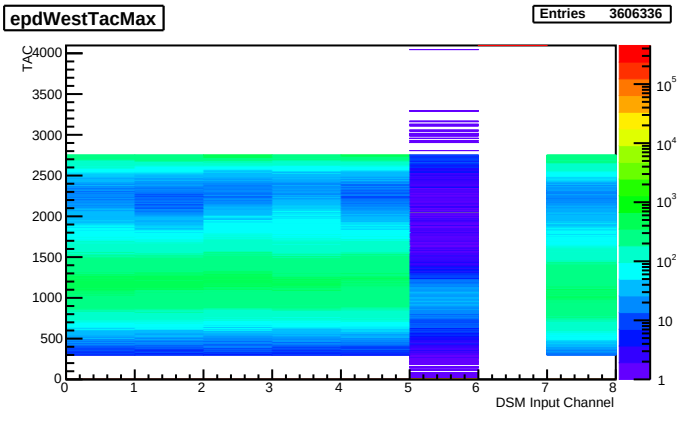
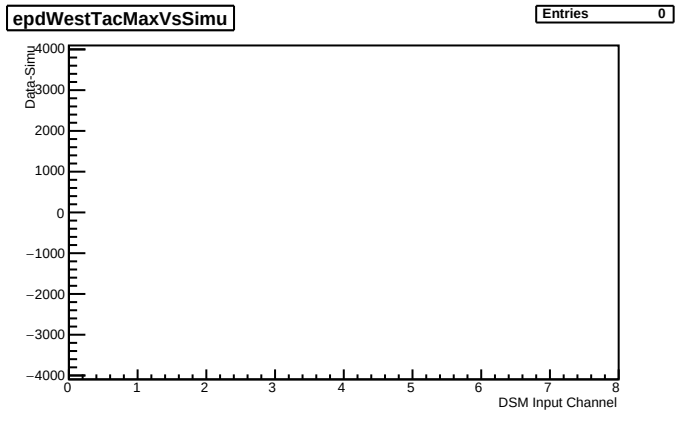
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3606336
TAC
DSM Input Channel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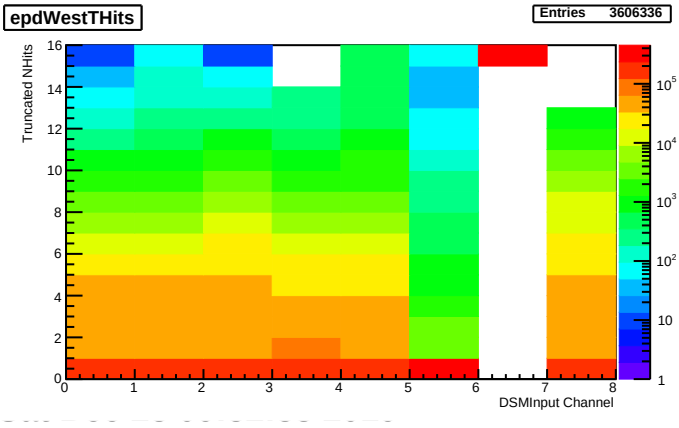
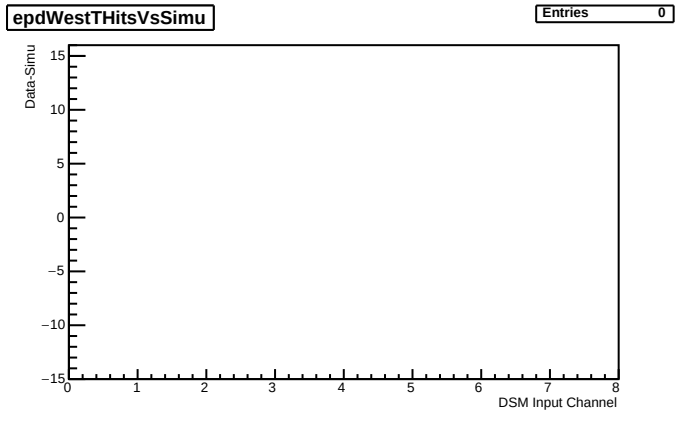
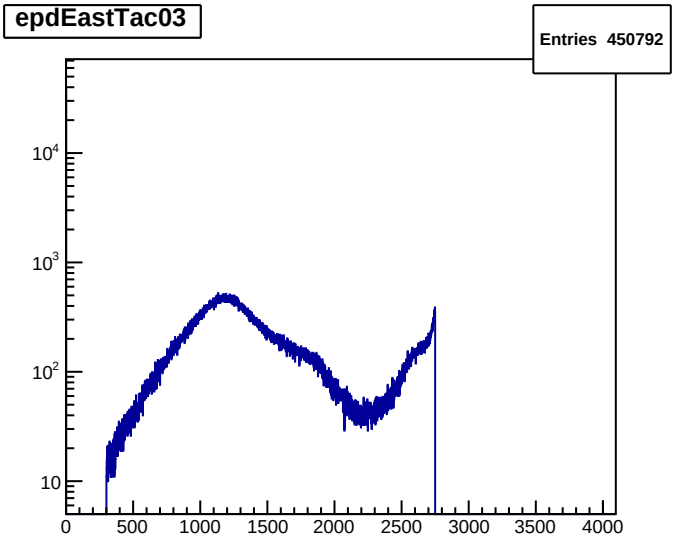
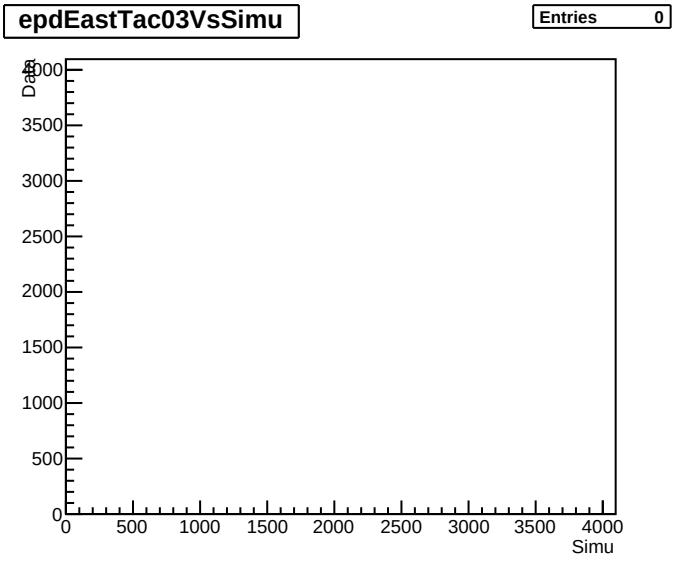
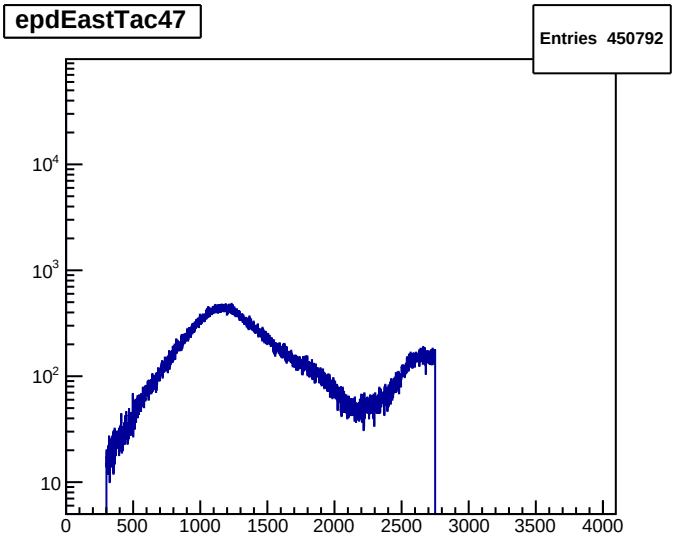
Entries 0
Data-Simu
DSM Input Channel

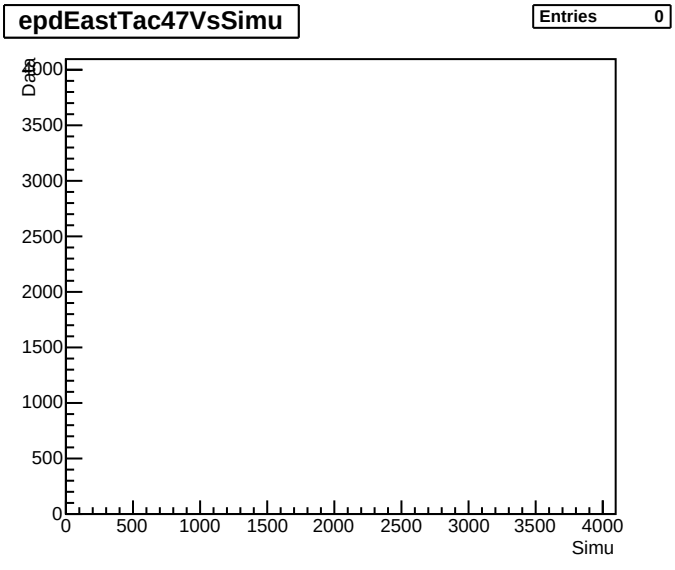

epdWestTHits
Entries 3606336
Truncated NHits
DSMInput Channel

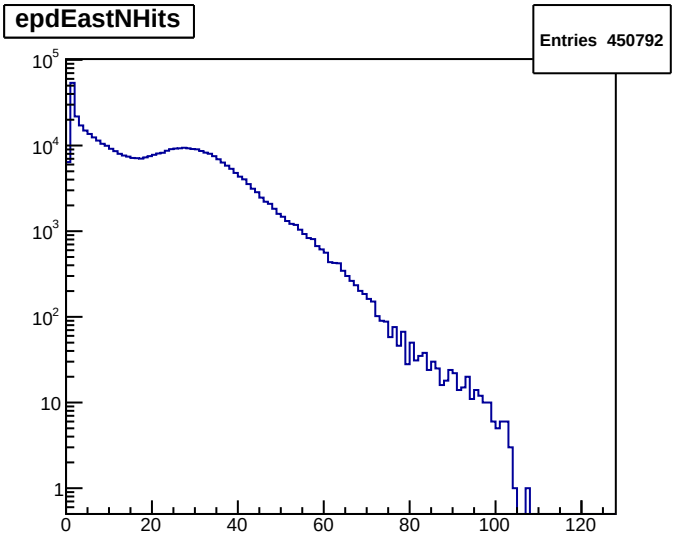

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

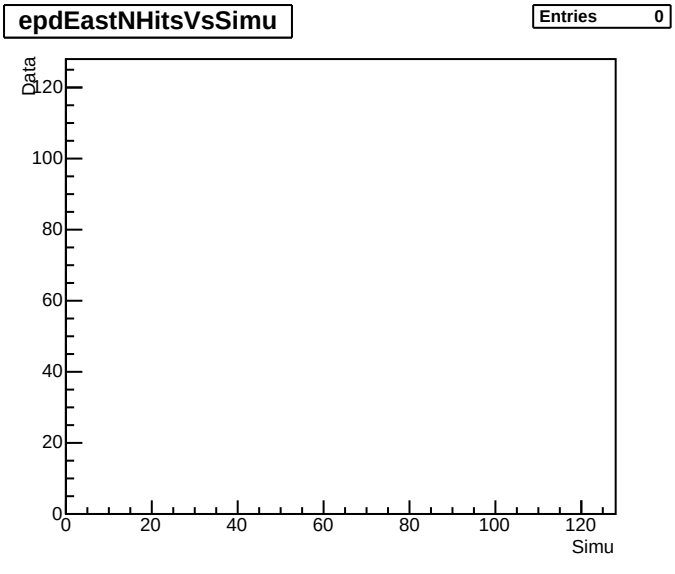

epdEastTac03
Entries 450792


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 450792


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 450792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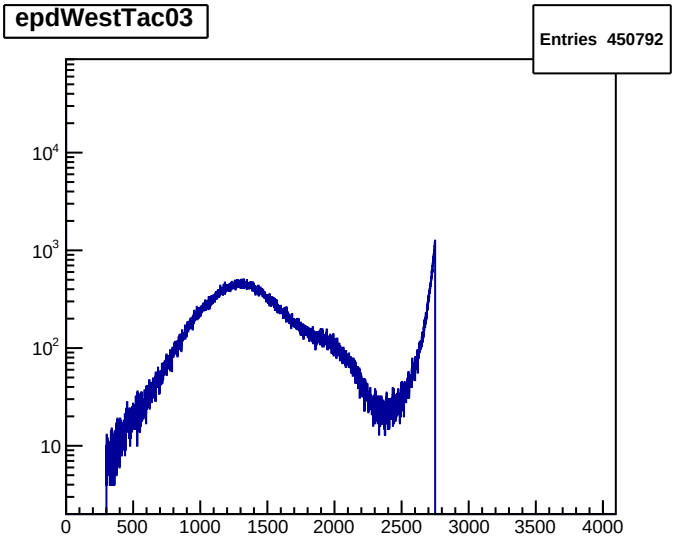
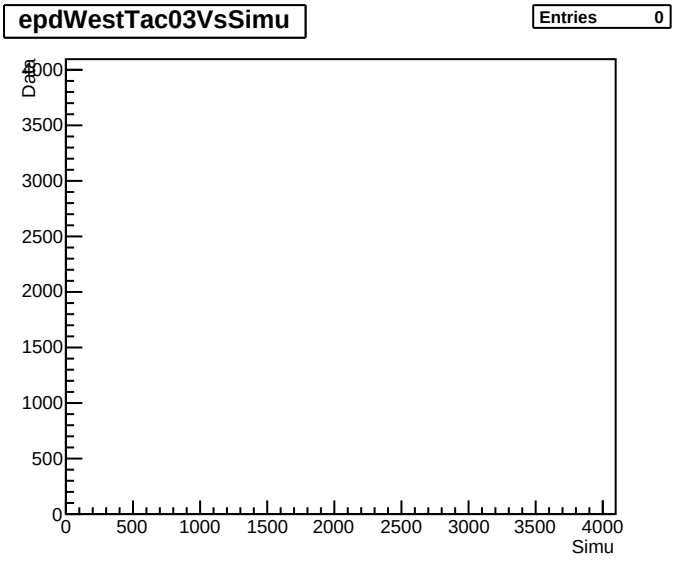
Entries 0
Data
Simu


epdWestTac03
Entries 450792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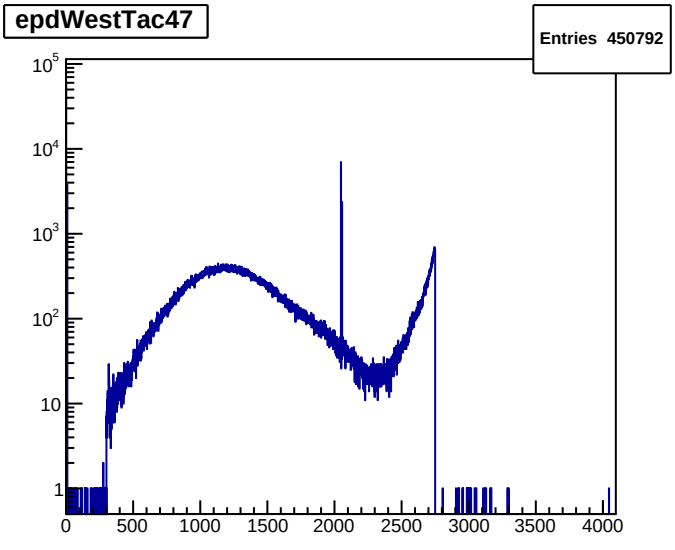
Entries 0
Data
Simu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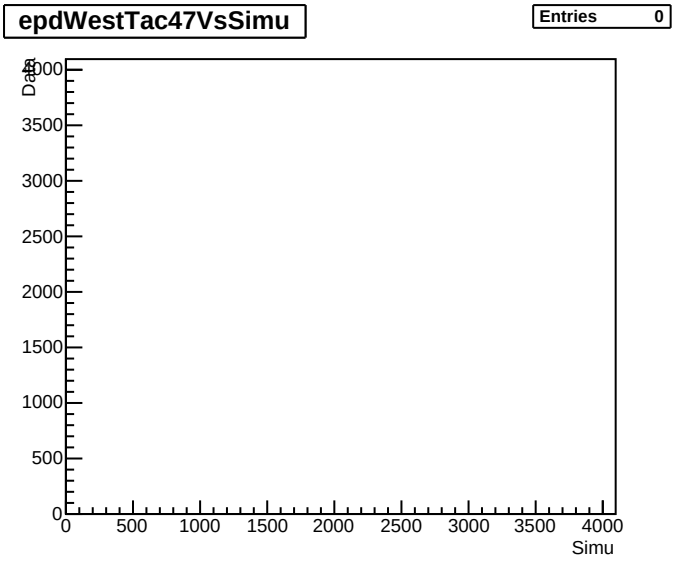
Entries 450792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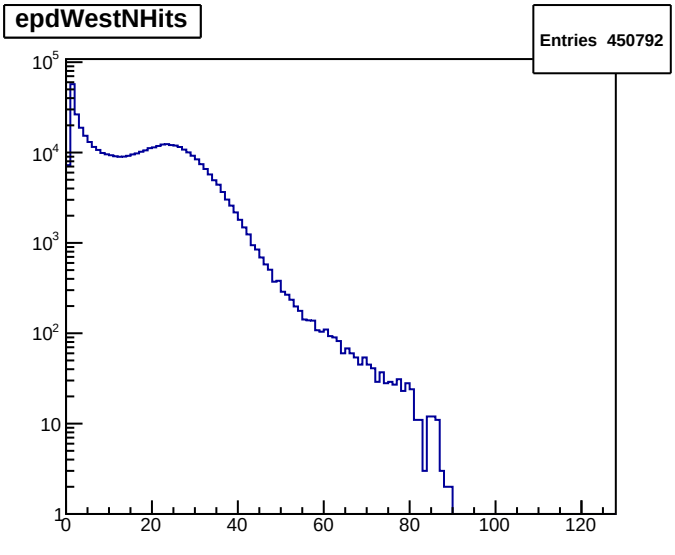
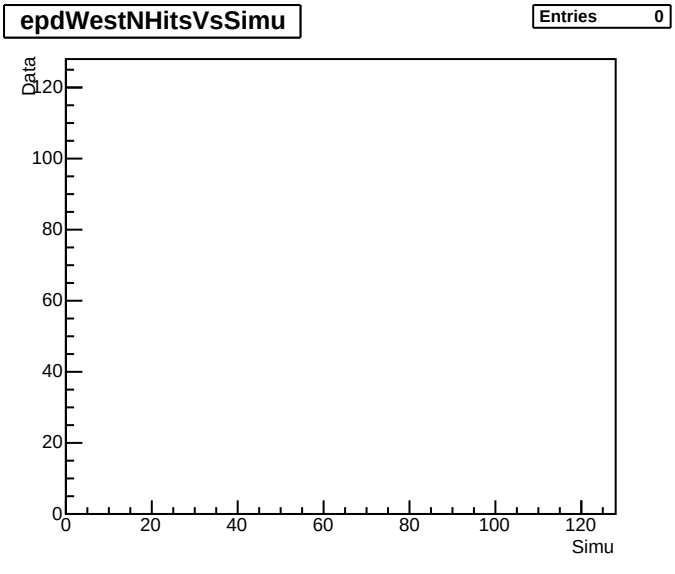
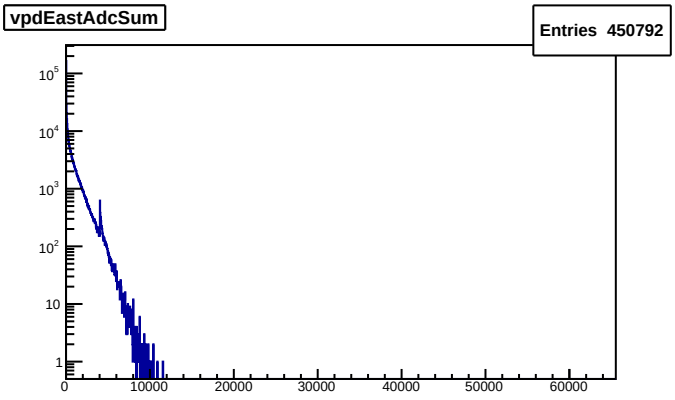
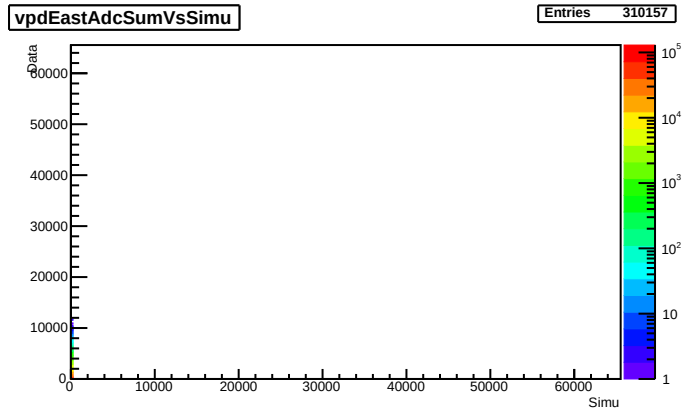
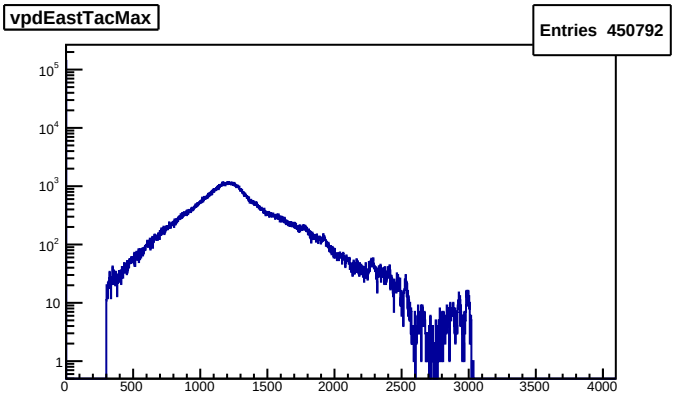
Entries 0
Data
Simu

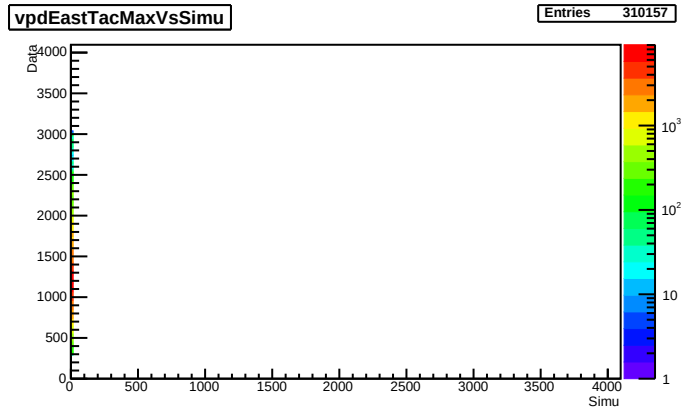

epdWestNHits
Entries 450792

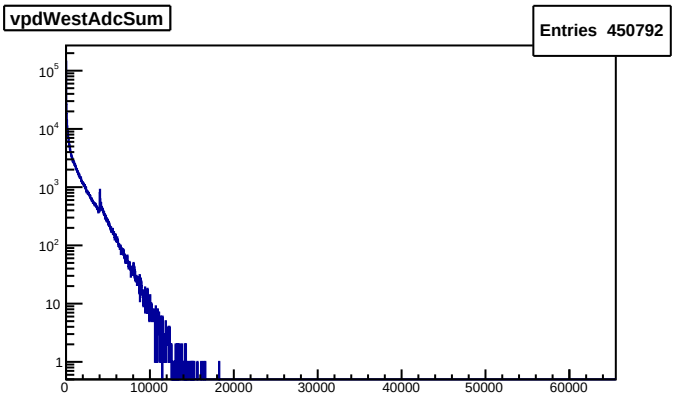

epdWestNHitsVsSimu
Entries 0
Data
Simu

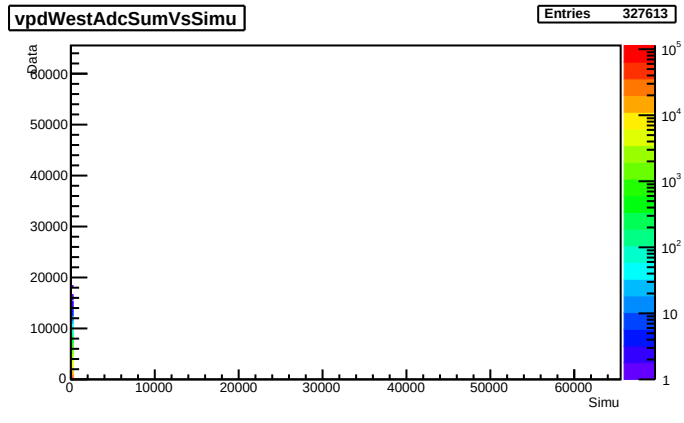

vpdEastAdcSum
Entries 450792

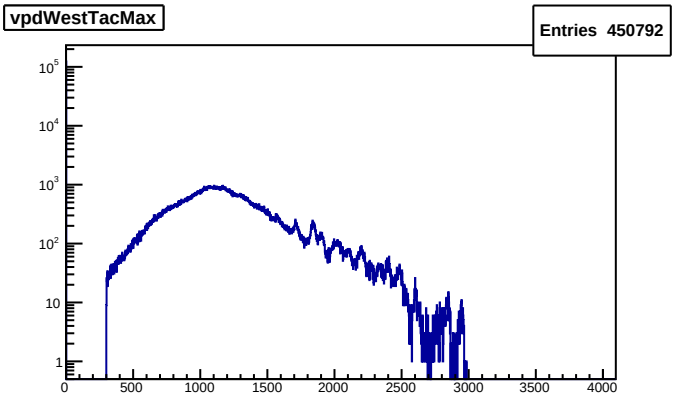

vpdEastAdcSumVsSimu
Entries 310157
Data
Simu

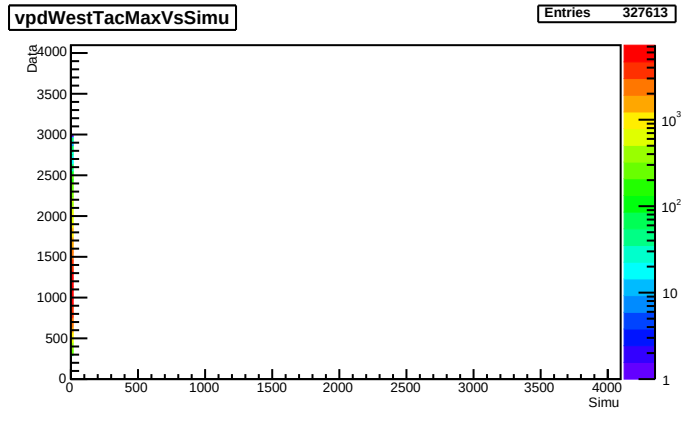

vpdEastTacMax
Entries 450792

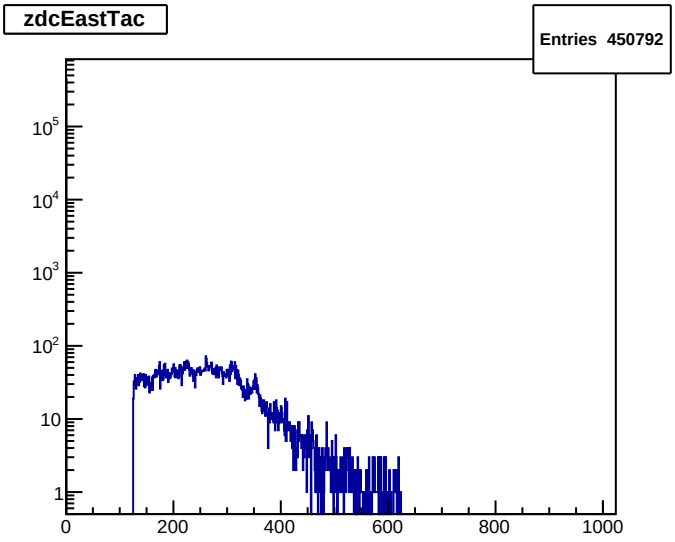

vpdEastTacMaxVsSimu
Entries 310157
Data
Simu

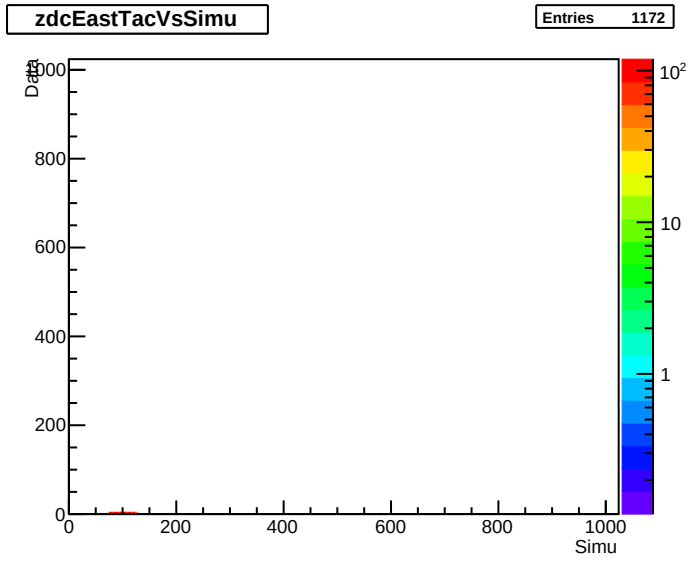

vpdWestAdcSum
Entries 450792

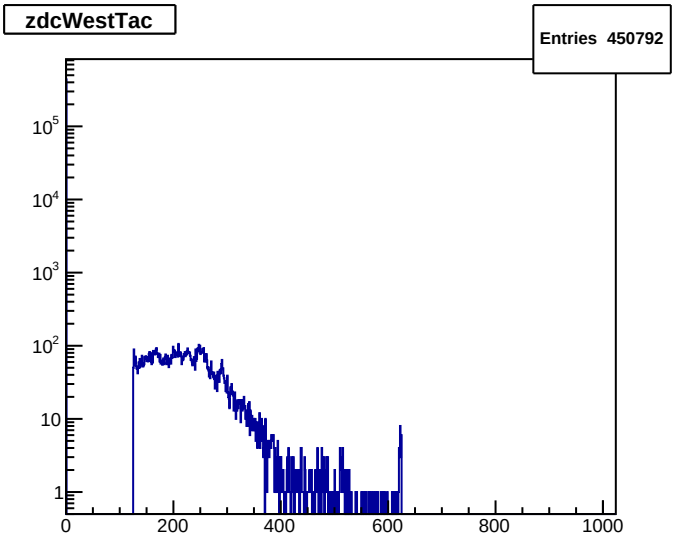

vpdWestAdcSumVsSimu
Entries 327613
Data
Simu

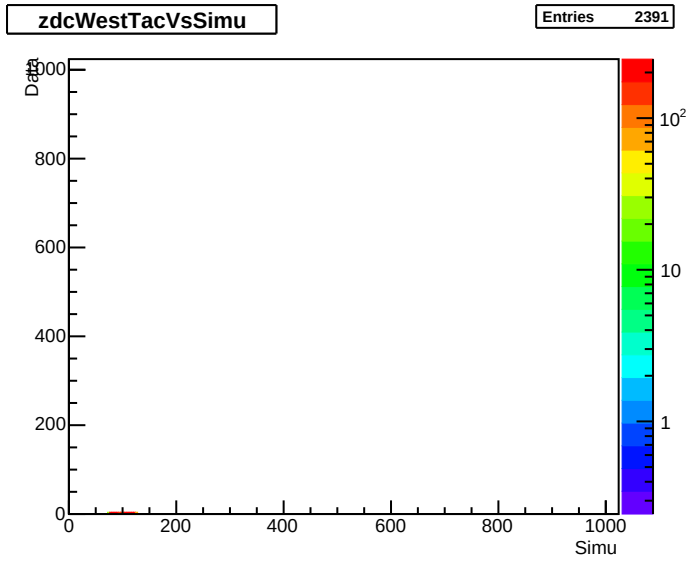

vpdWestTacMax
Entries 450792

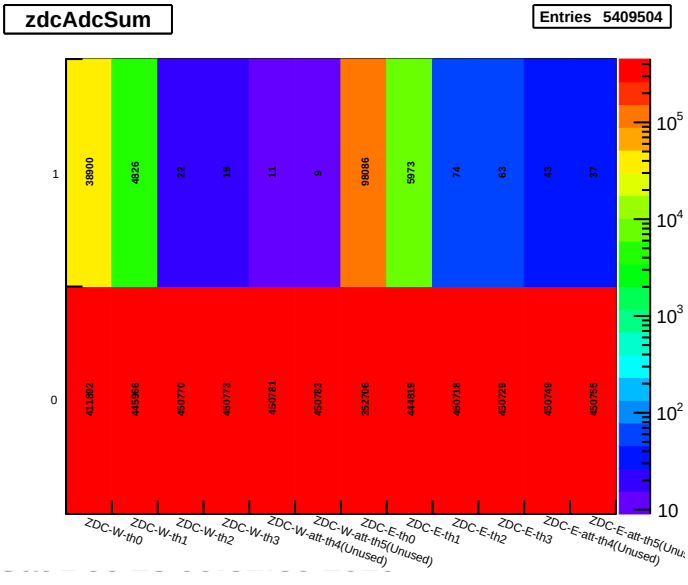

vpdWestTacMaxVsSimu
Entries 327613
Data
Simu

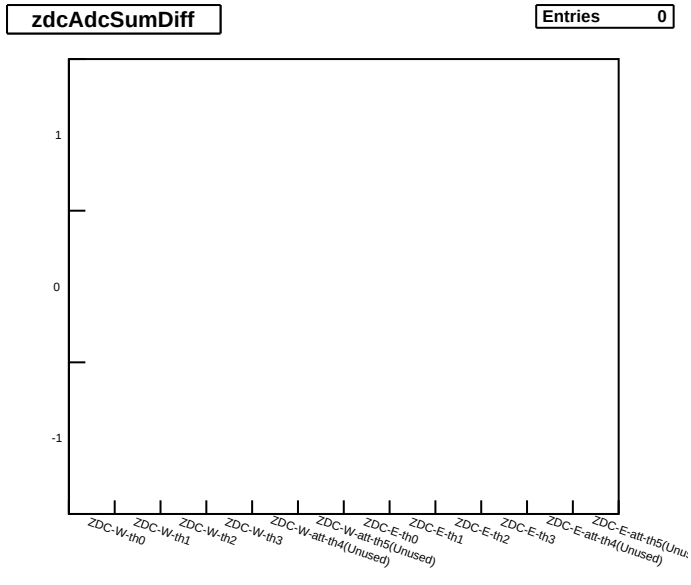

zdcEastTac
Entries 450792

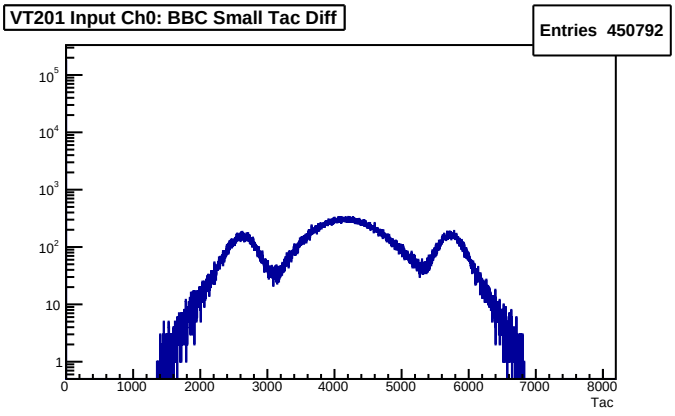

zdcEastTacVsSimu
Entries 1172
Data
Simu

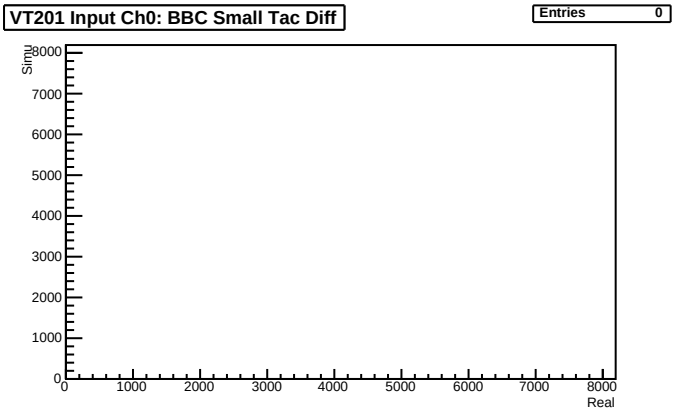

zdcWestTac
Entries 450792

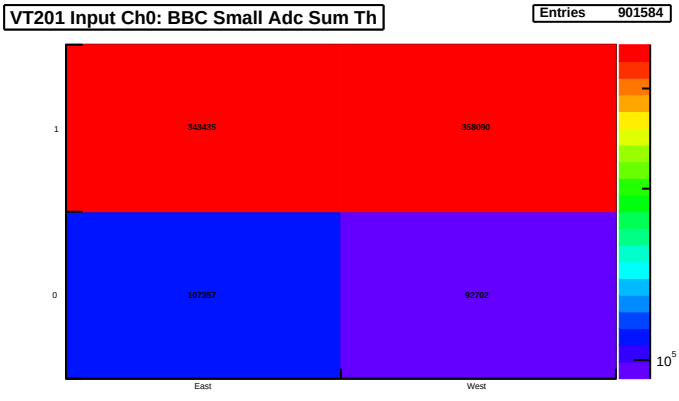

zdcWestTacVsSimu
Entries 2391
Data
Simu

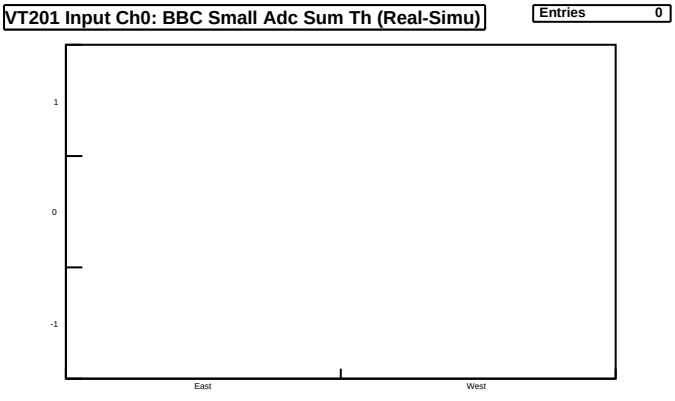

zdcAdcSum
Entries 5409504
38900
4826
22
19
11
9
98086
5973
74
63
43
37
411892
445966
450770
450773
450781
450783
352706
444819
450718
450729
450749
450755
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

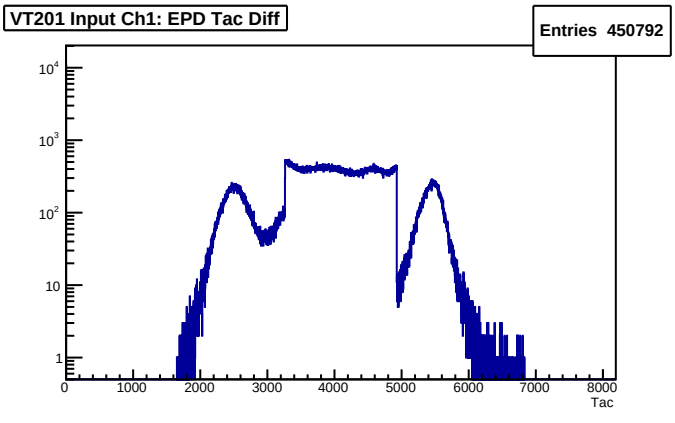

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

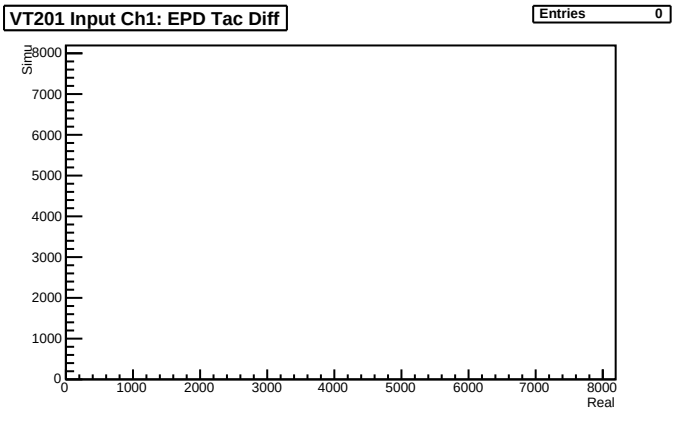

VT201 Input Ch0: BBC Small Tac Diff
Entries 450792
Tac

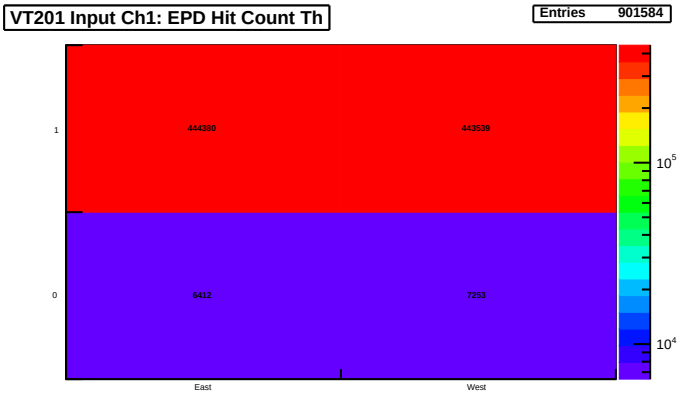

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

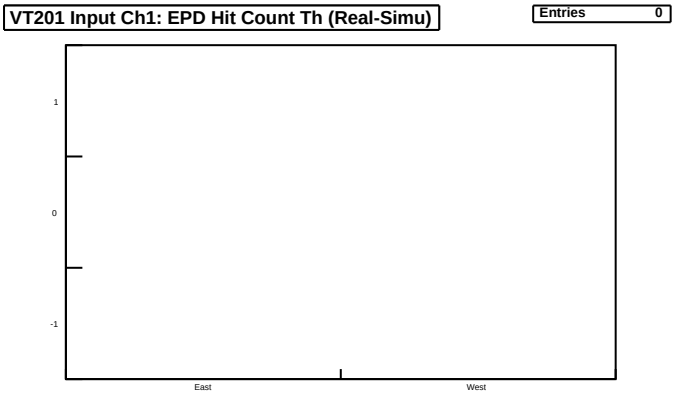

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 901584
343435
358090
107357
92702
East
West

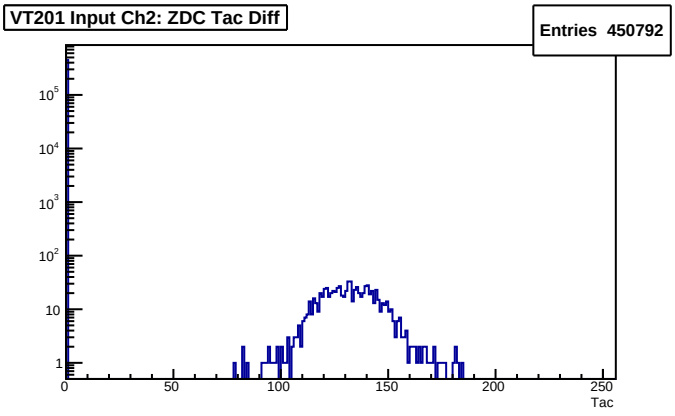

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

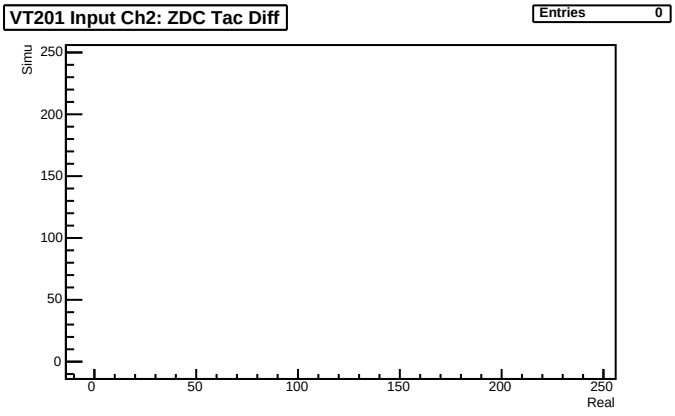

VT201 Input Ch1: EPD Tac Diff
Entries 450792
Tac

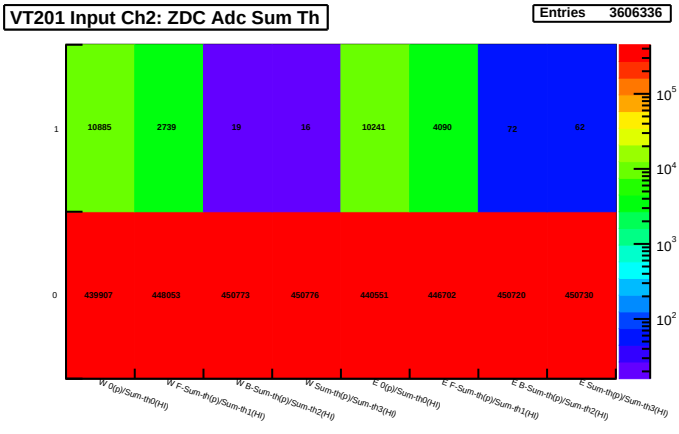

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

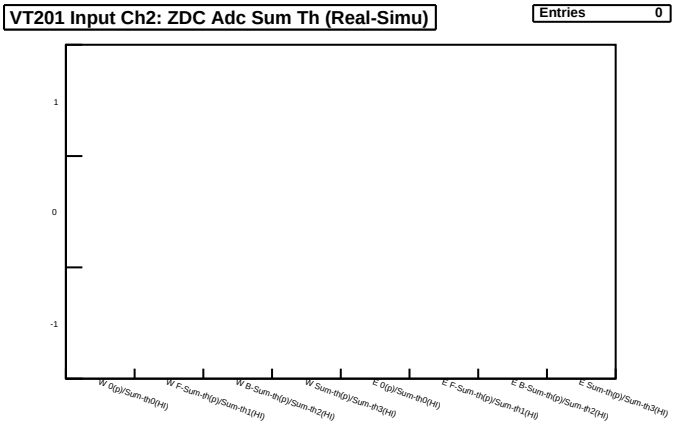

VT201 Input Ch1: EPD Hit Count Th
Entries 901584
444380
443539
6412
7253
East
West

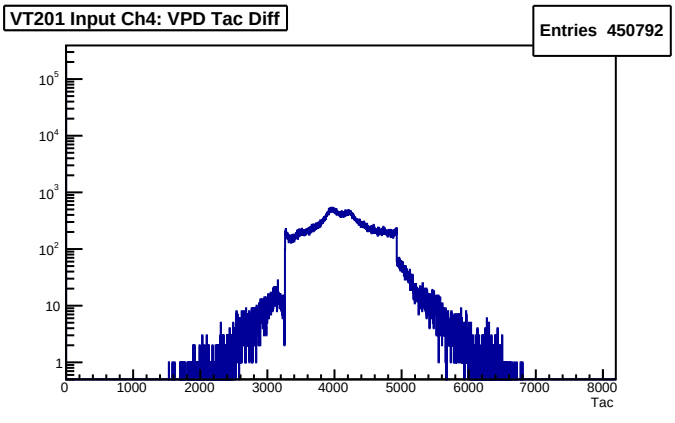

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

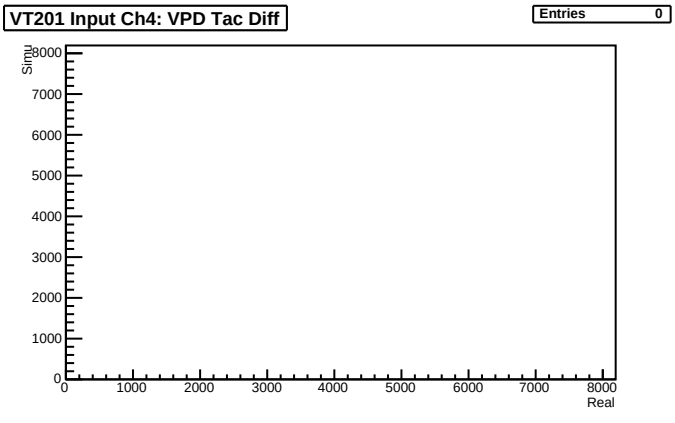

VT201 Input Ch2: ZDC Tac Diff
Entries 450792
Tac

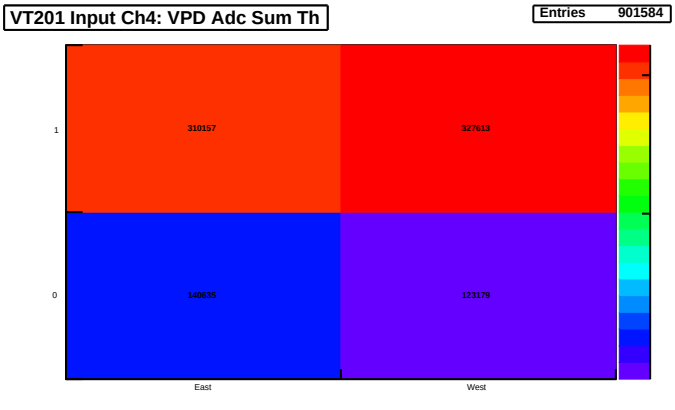

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

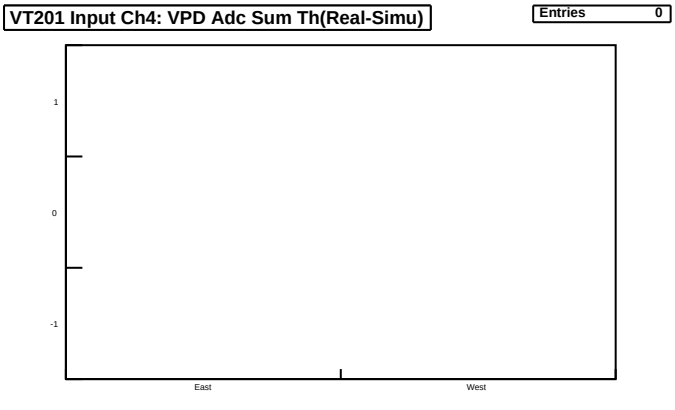

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3606336
10885
2739
19
16
10241
4090
72
62
439907
448053
450773
450776
440551
446702
450720
450730
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

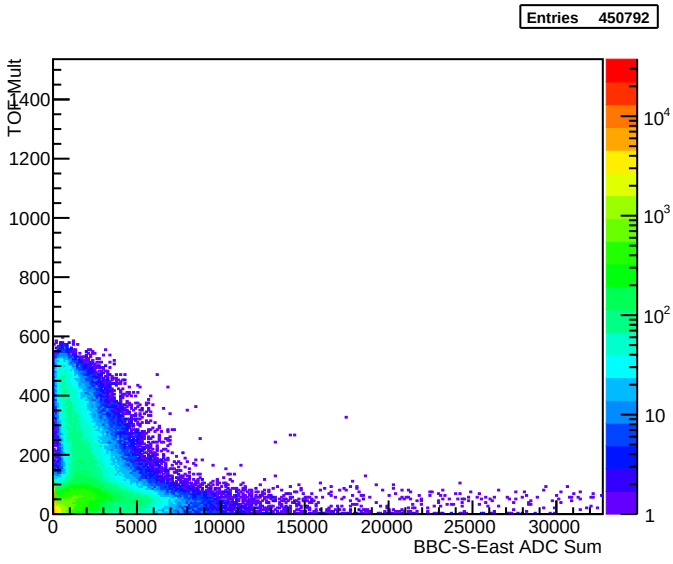

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

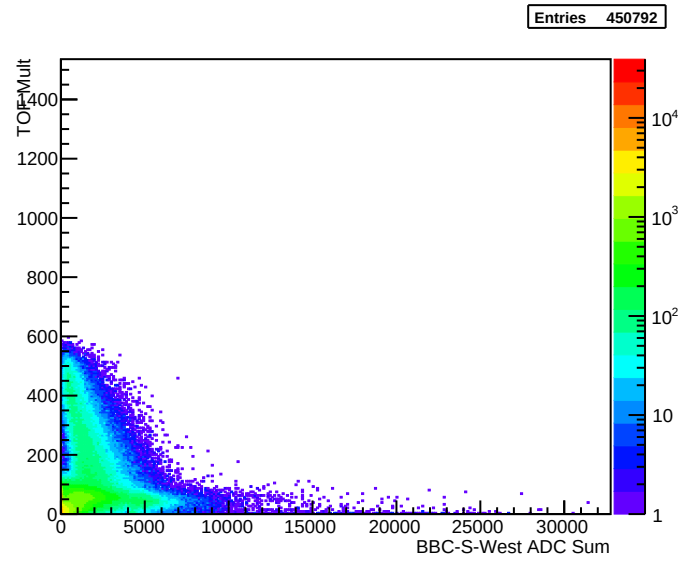

VT201 Input Ch4: VPD Tac Diff
Entries 450792
Tac

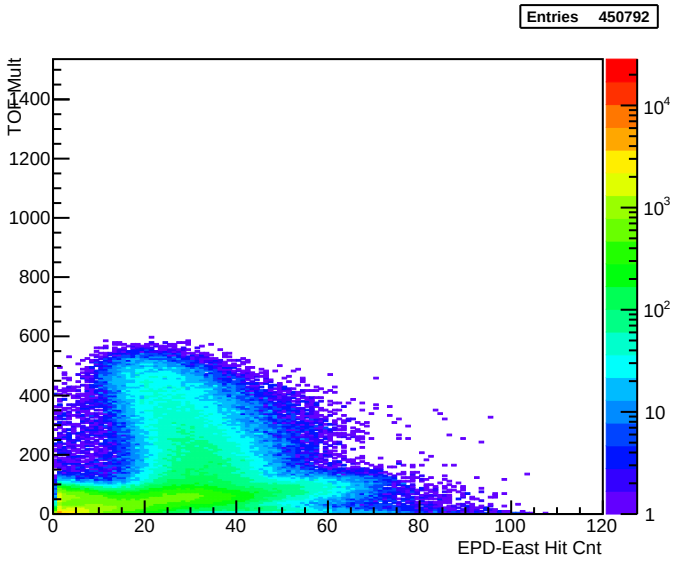

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

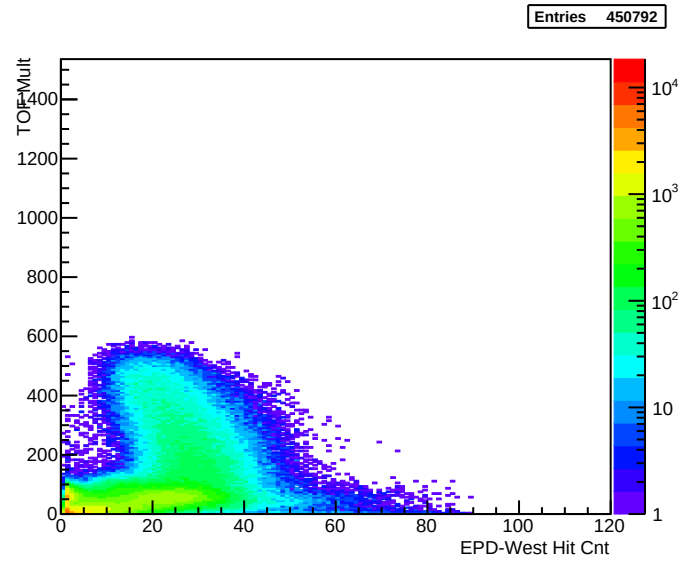

VT201 Input Ch4: VPD Adc Sum Th
Entries 901584
310157
327613
140835
123179
East
West

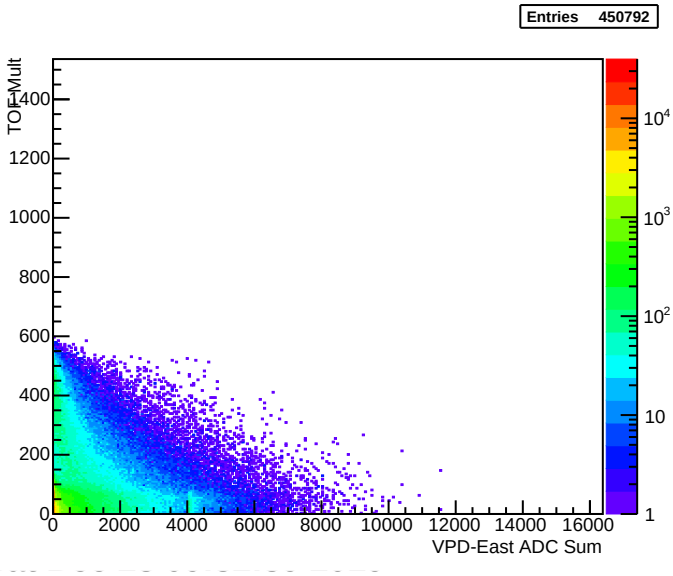

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

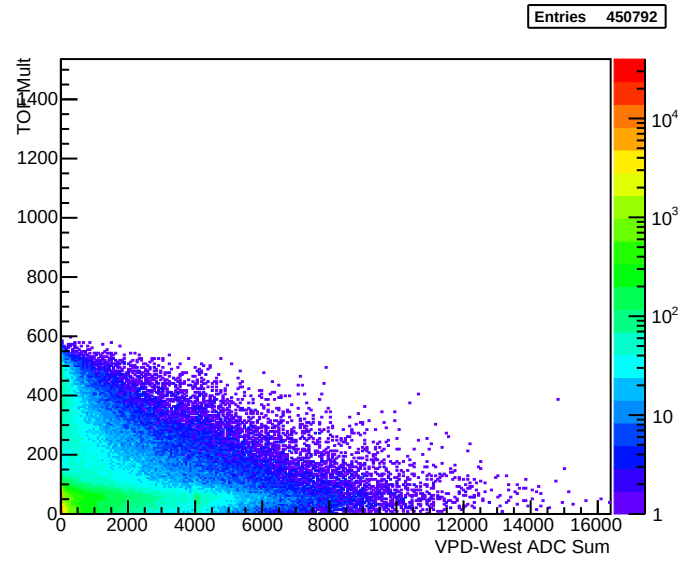

Entries 450792
TOF-Mult
BBC-S-East ADC Sum

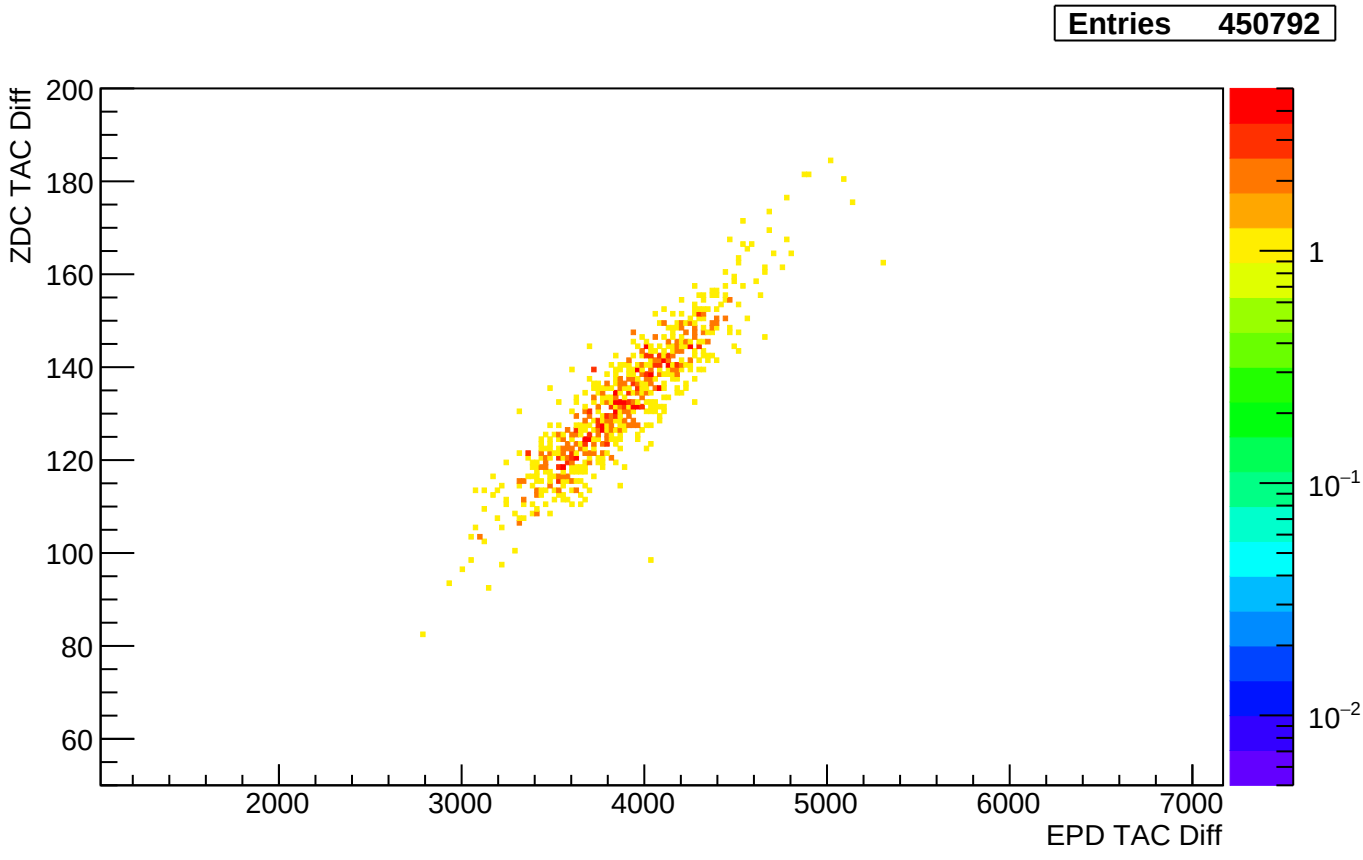

Entries 450792
TOF-Mult
BBC-S-West ADC Sum

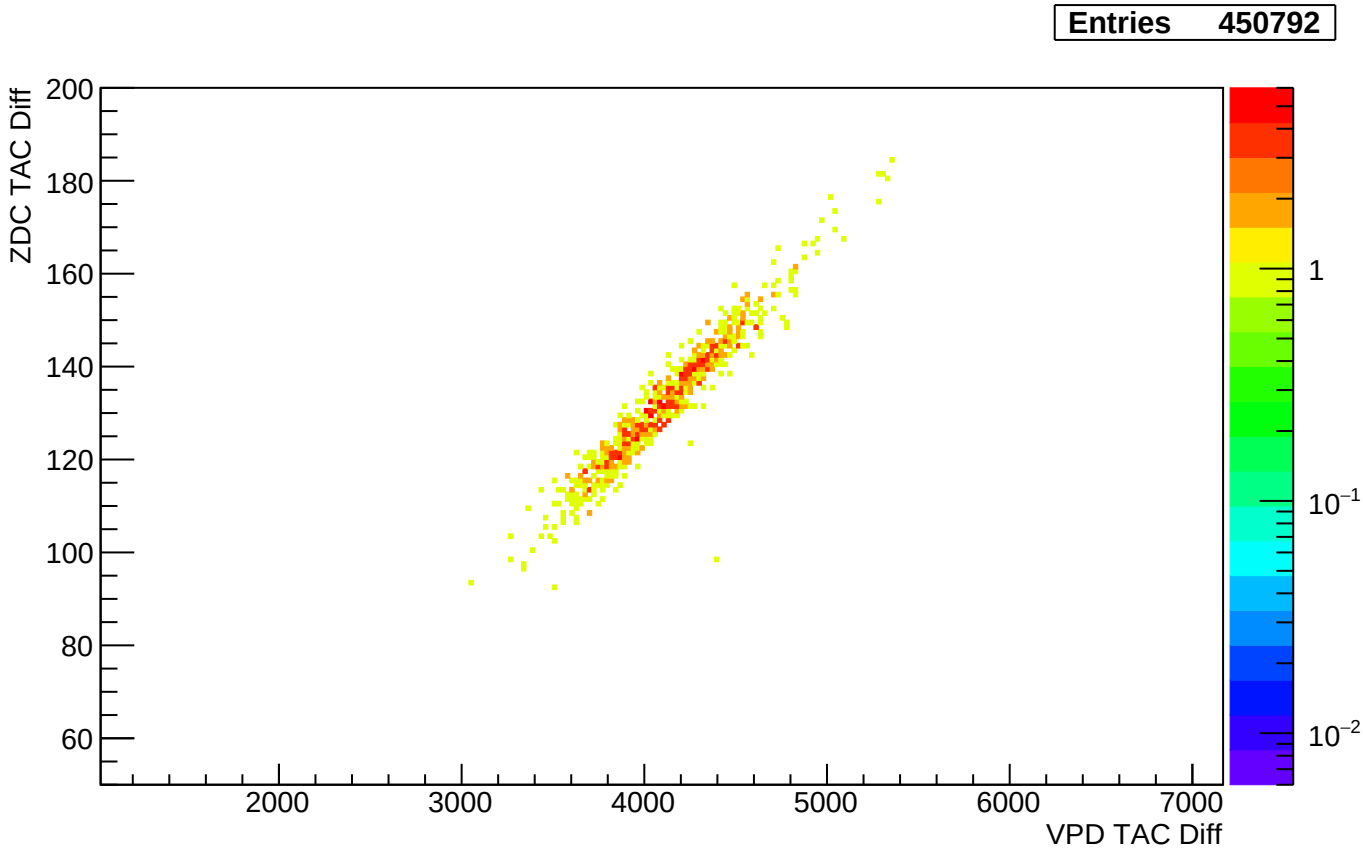

Entries 450792
TOF-Mult
EPD-East Hit Cnt

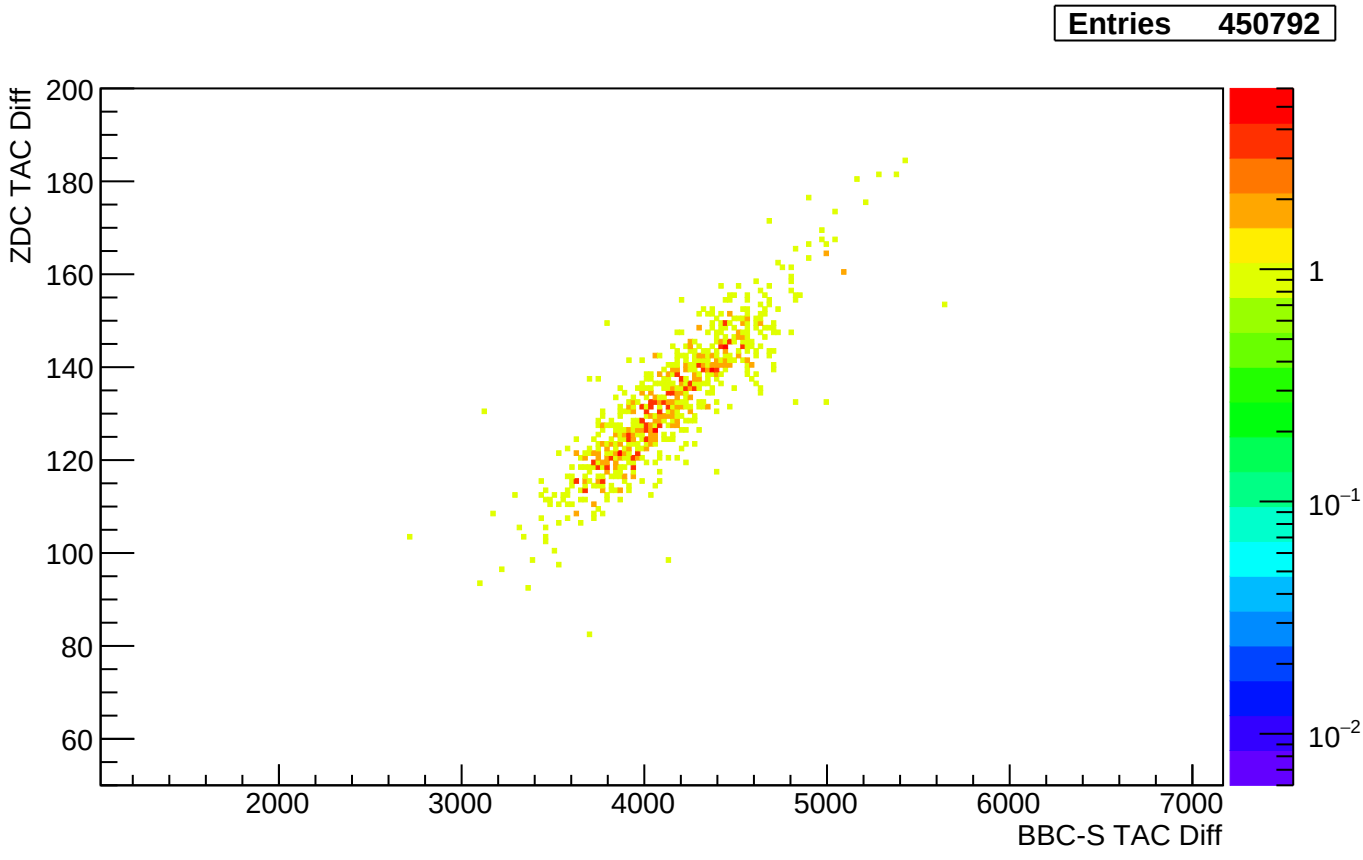

Entries 450792
TOF-Mult
EPD-West Hit Cnt

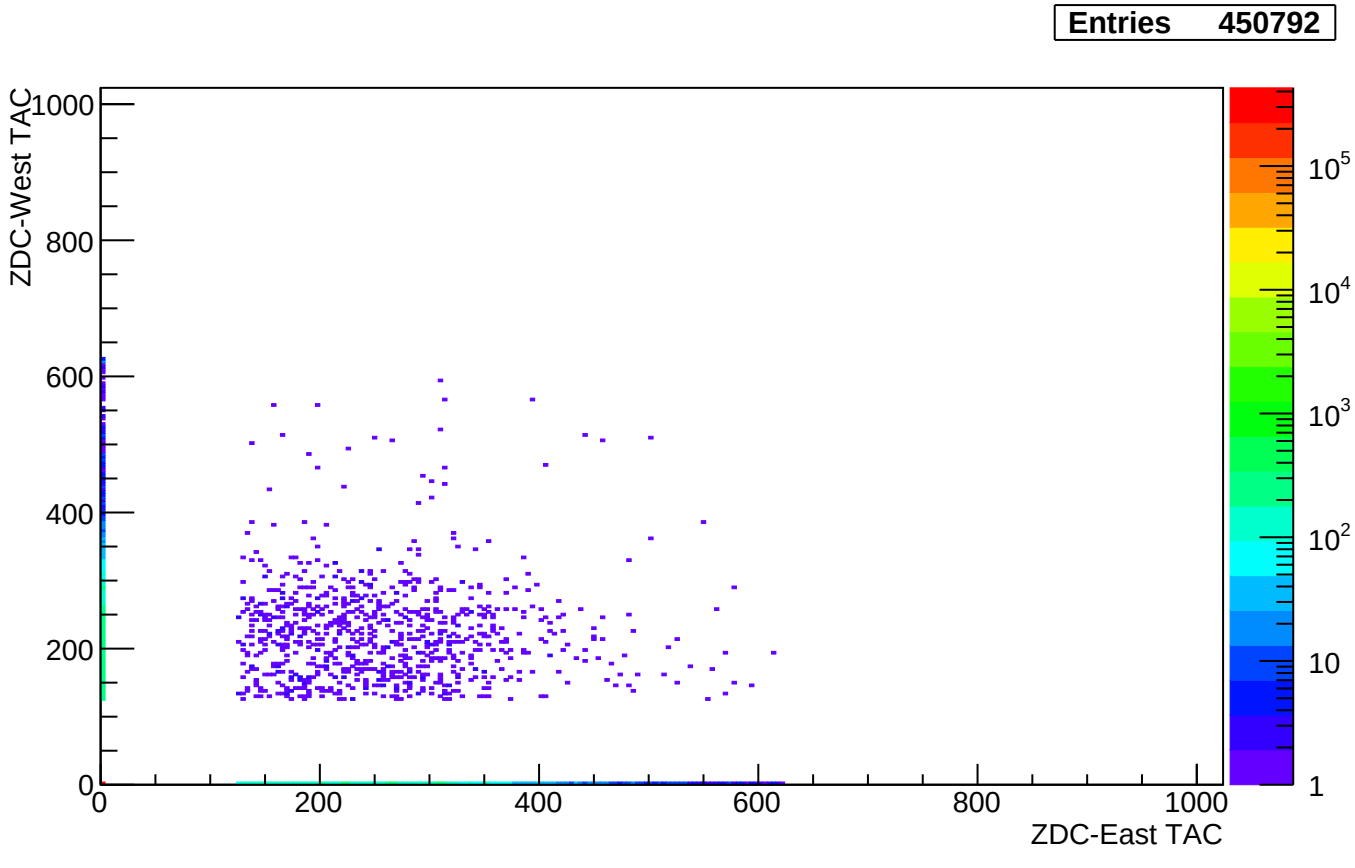

Entries 450792
TOF-Mult
VPD-East ADC Sum

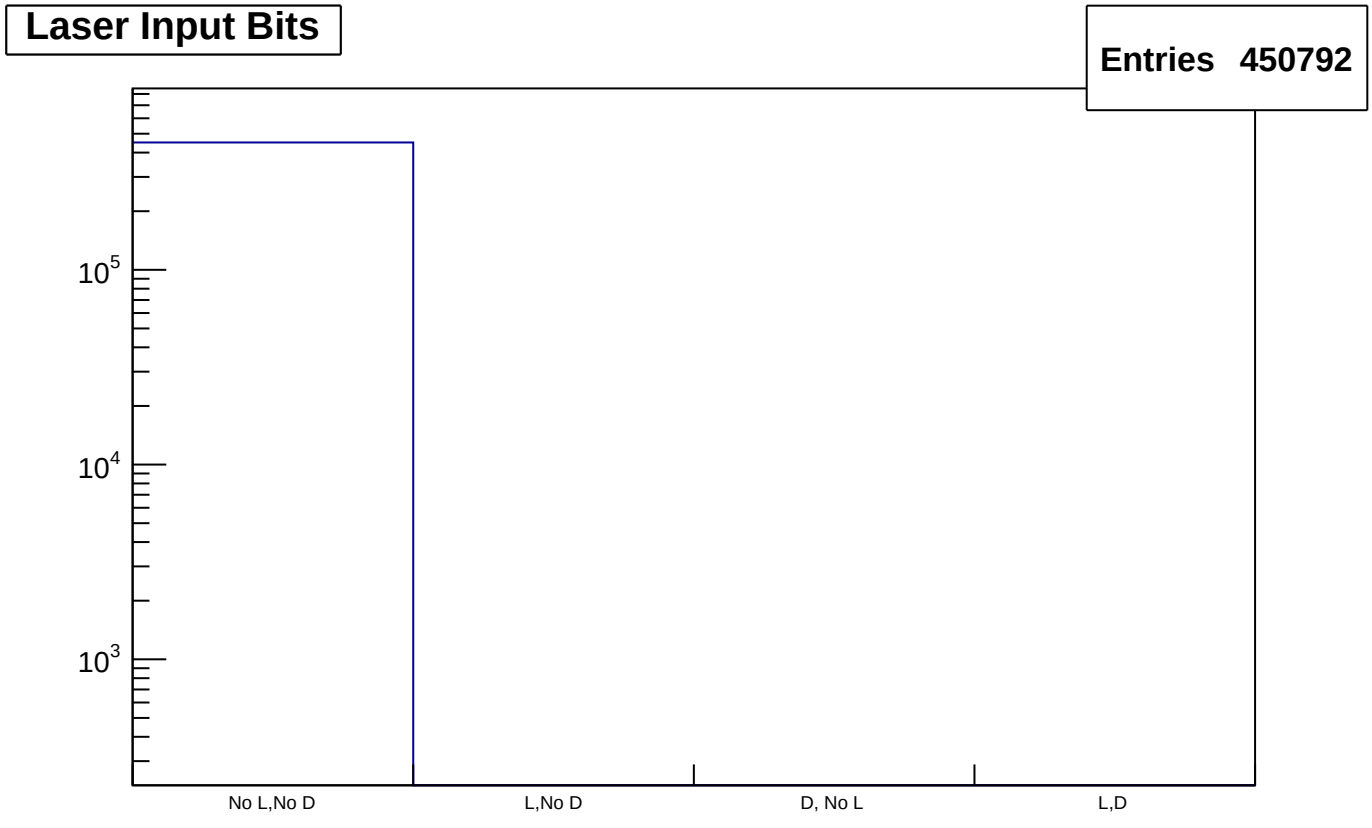

Entries 450792
TOF-Mult
VPD-West ADC Sum

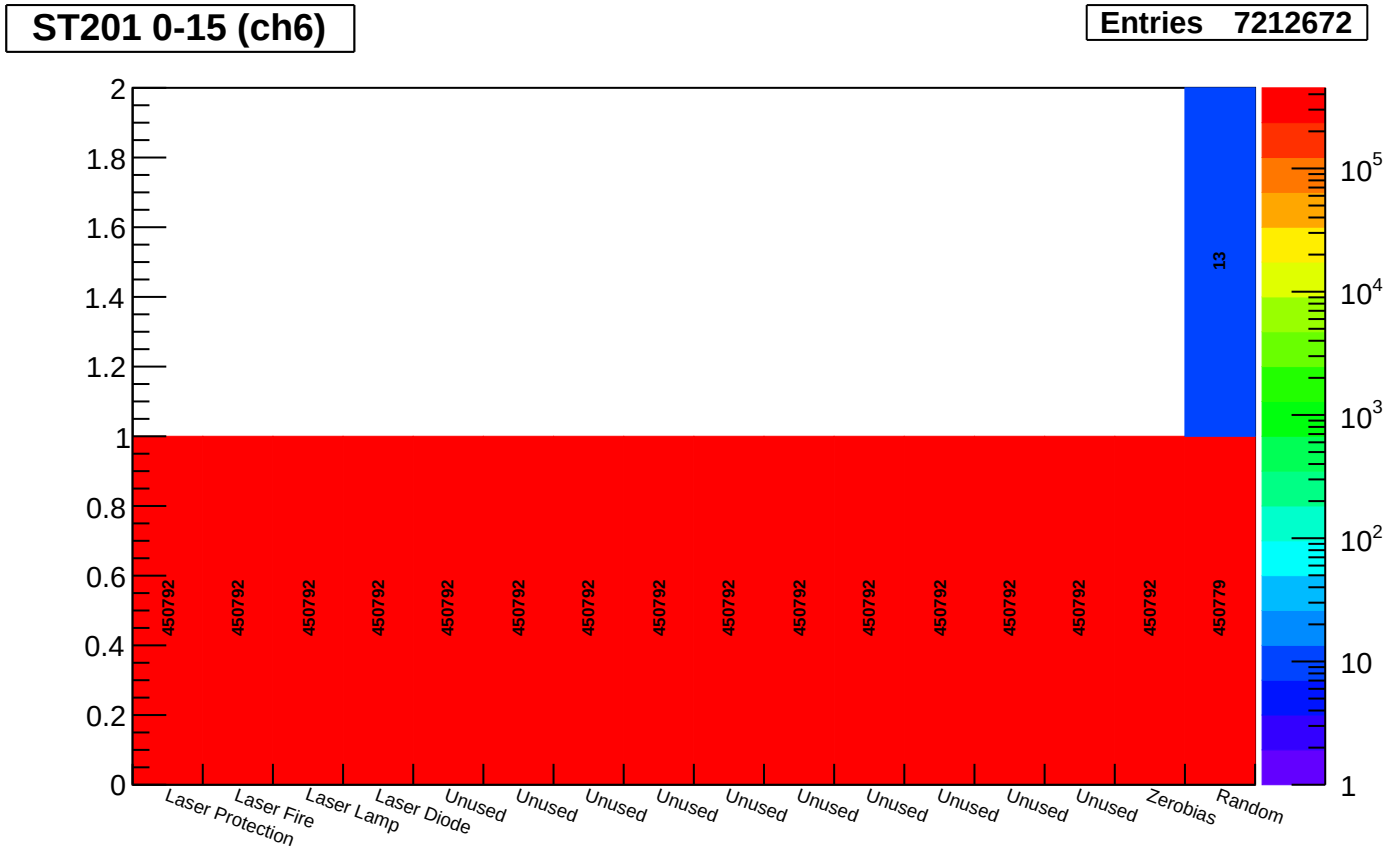

Entries 450792
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

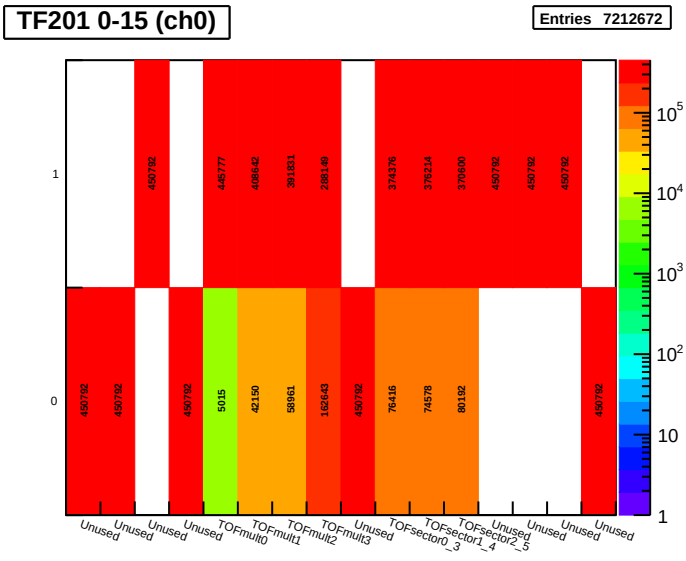

Entries 450792
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

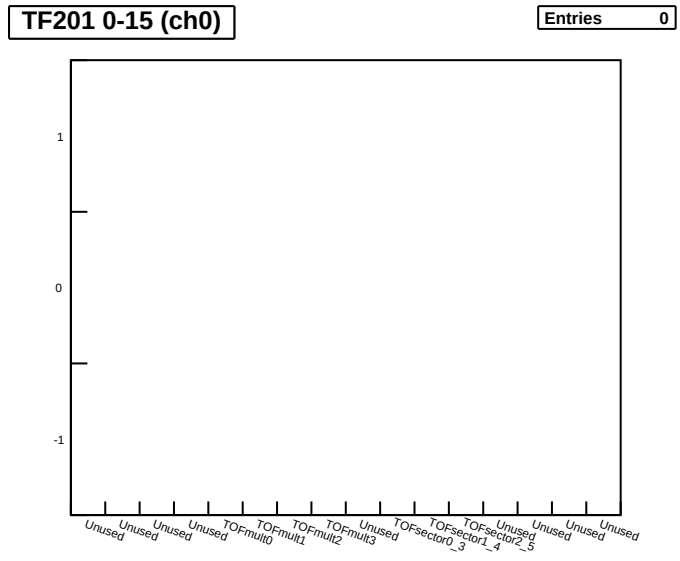

Entries 450792
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

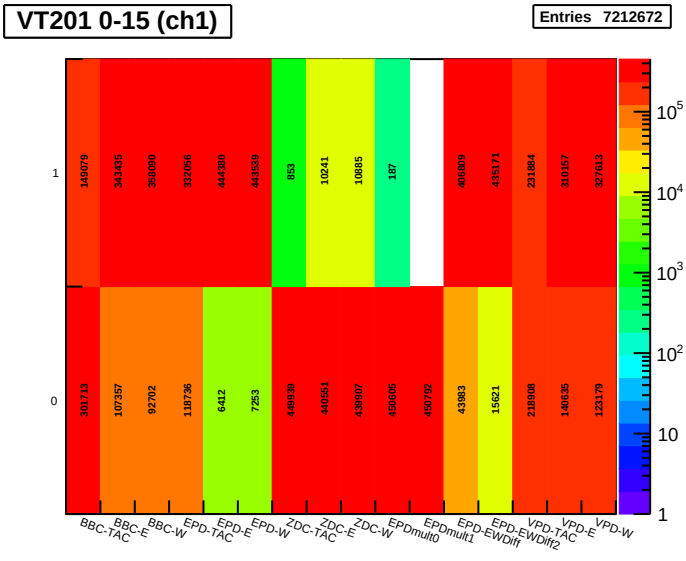

Entries 450792
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

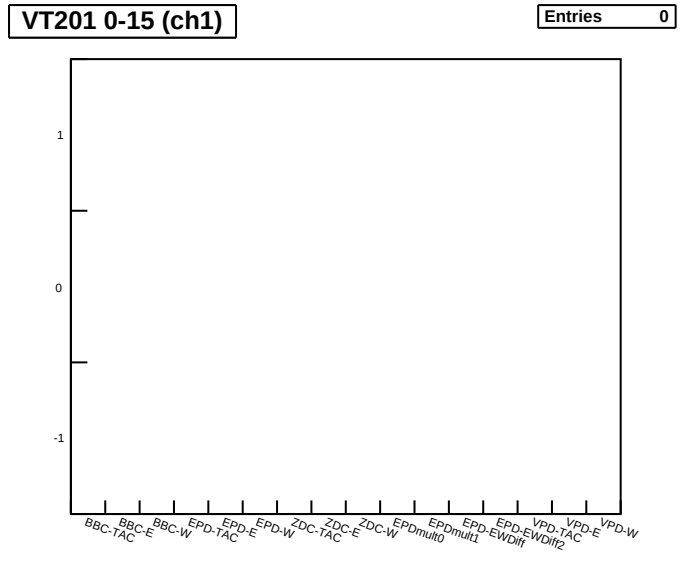

Laser Input Bits
Entries 450792
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

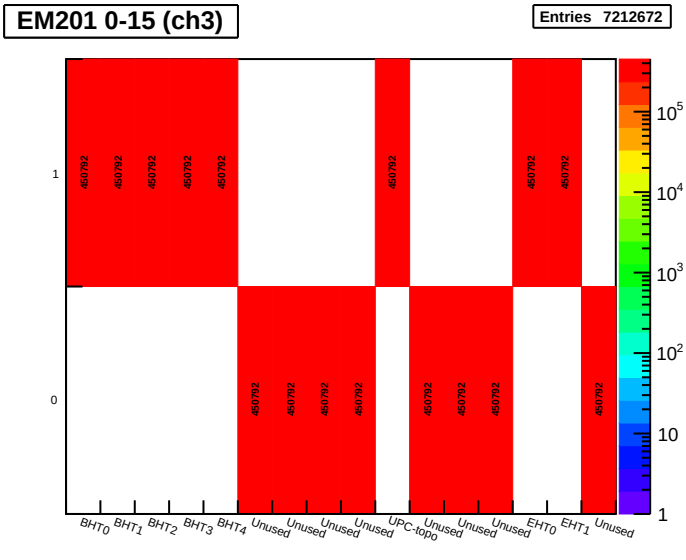

ST201 0-15 (ch6)
Entries 7212672
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
450792
450792
450792
450792
450792
450792
450792
450792
450792
450792
450792
450792
450792
450792
450792
450779
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

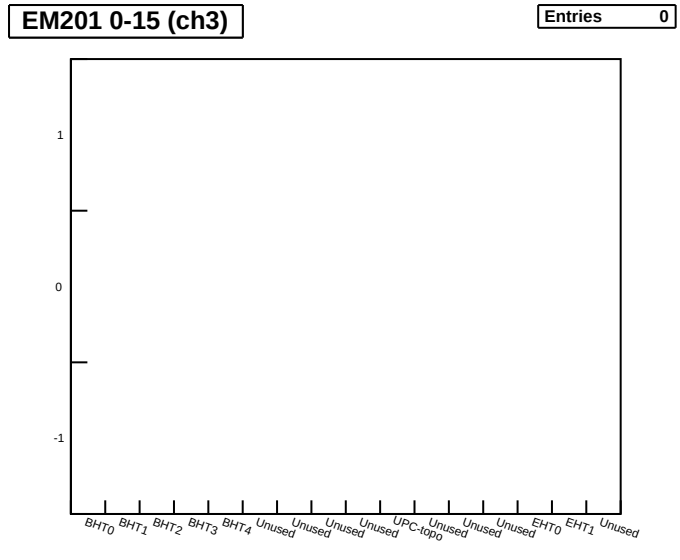

TF201 0-15 (ch0)
Entries 7212672
1
0
450792
446777
408642
391831
298149
374376
376214
370600
450792
450792
450792
450792
450792
450792
5015
42150
58961
162643
450792
76416
74578
80192
450792
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 7212672
1
0
149079
343435
358090
332056
444380
443539
853
10241
10885
187
406809
435171
231884
310157
327613
301713
107357
92702
118736
6412
7253
449939
440551
439907
450605
450792
43983
15621
218908
140635
123179
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 7212672
1
0
450792
450792
450792
450792
450792
450792
450792
450792
450792
450792
450792
450792
450792
450792
450792
450792
450792
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