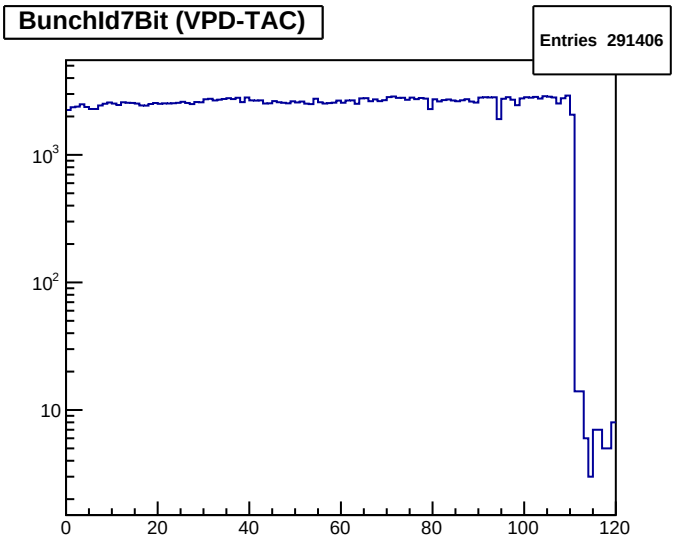
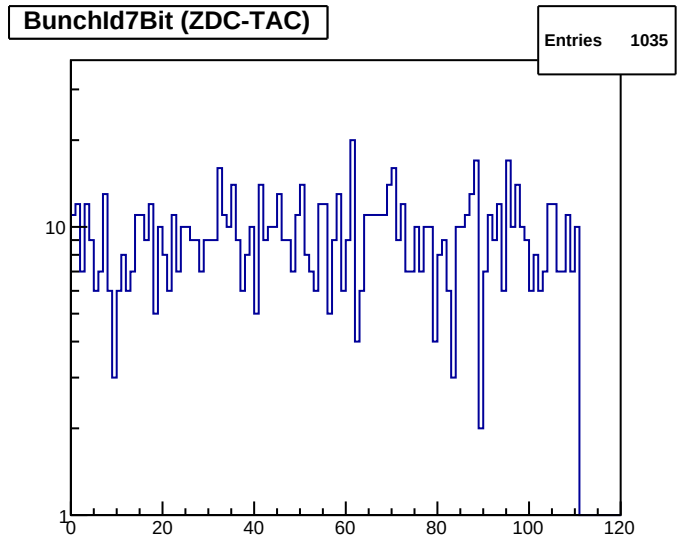
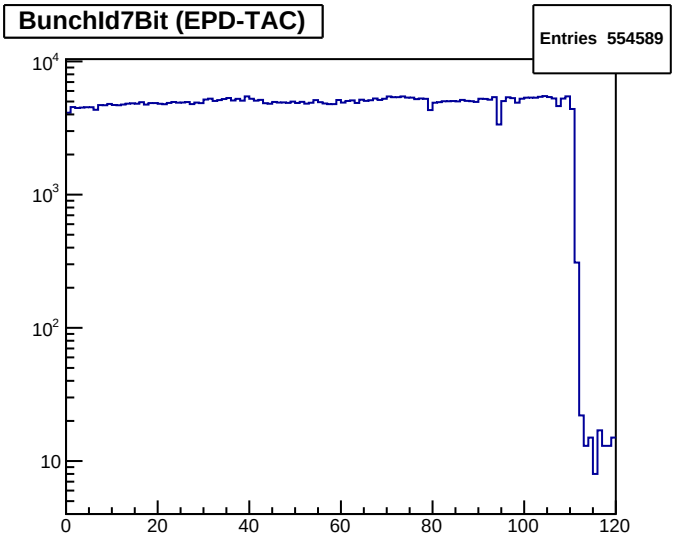
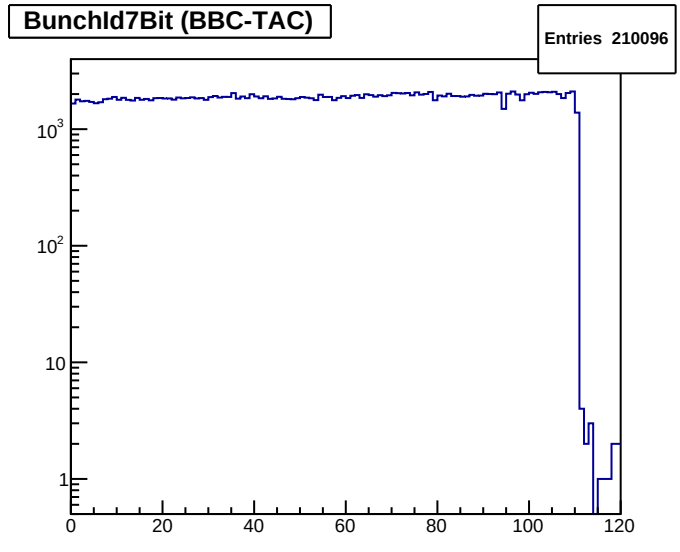
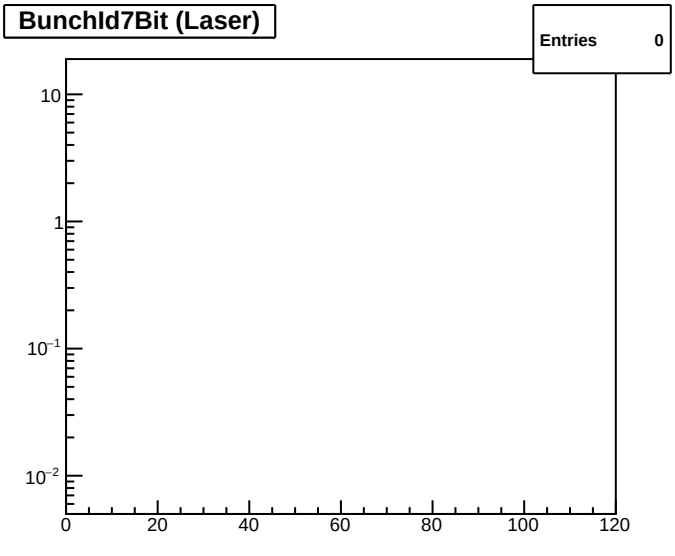
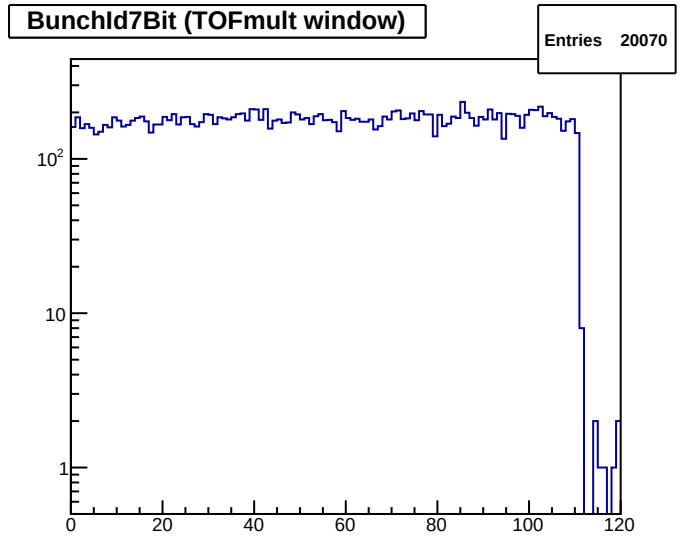

BunchId7Bit (VPD-TAC)
Entries 291406

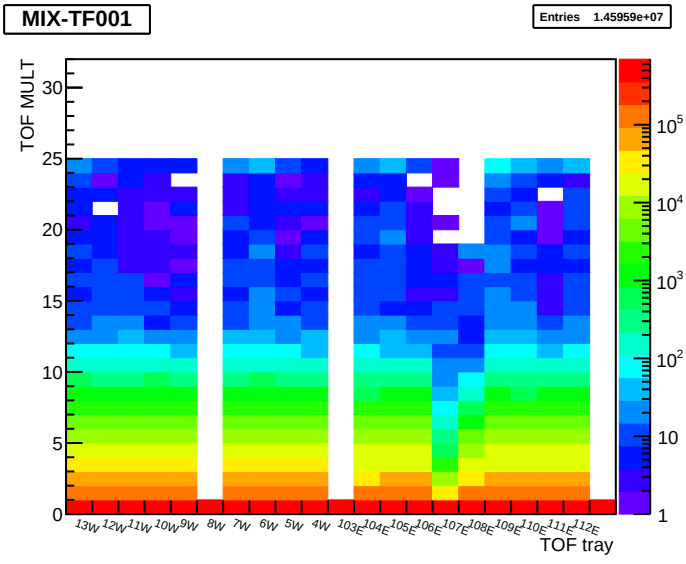

BunchId7Bit (ZDC-TAC)
Entries 1035

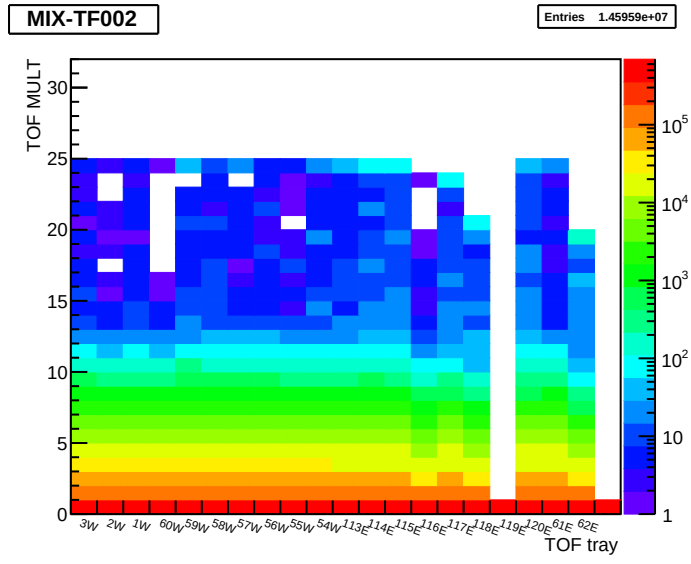

BunchId7Bit (EPD-TAC)
Entries 554589

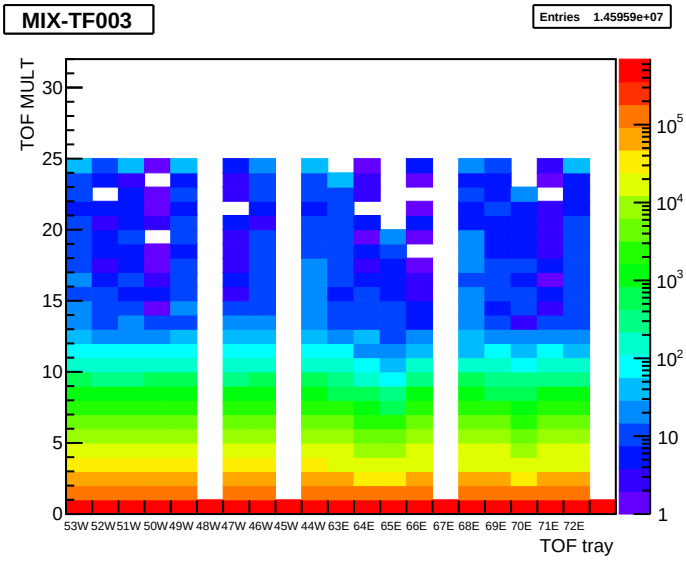

BunchId7Bit (BBC-TAC)
Entries 210096

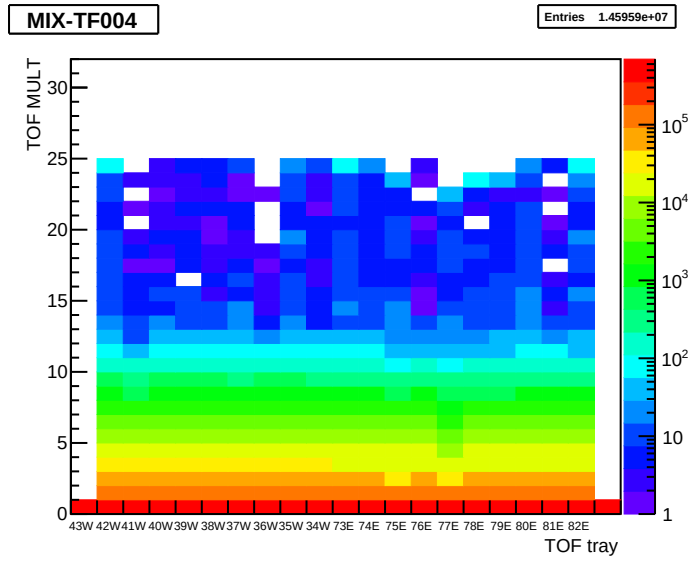

BunchId7Bit (Laser)
Entries 0

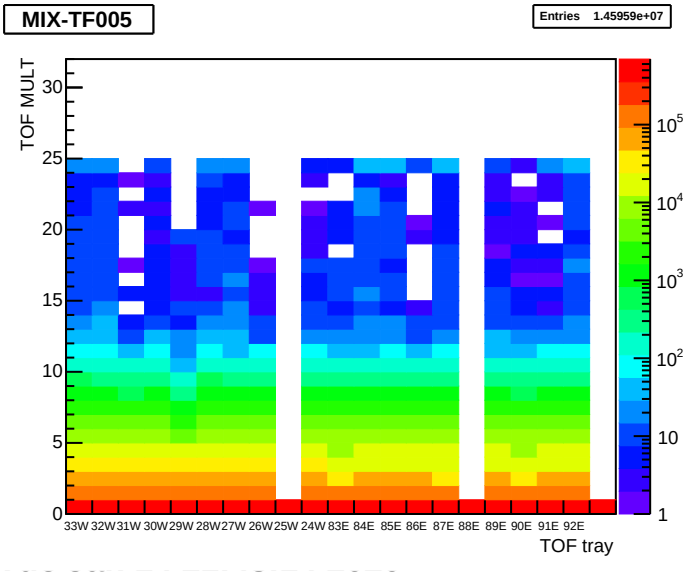

BunchId7Bit (TOFmult window)
Entries 20070

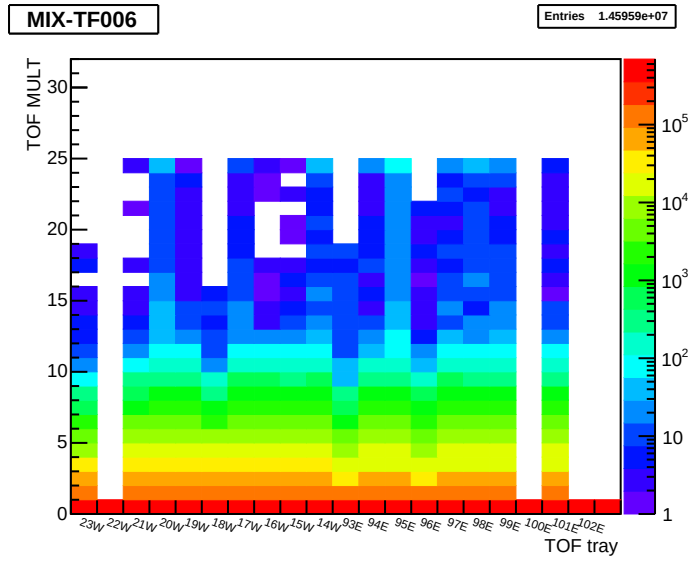

MIX-TF001
Entries 1.45959e+07
TOF MULT
TOF tray

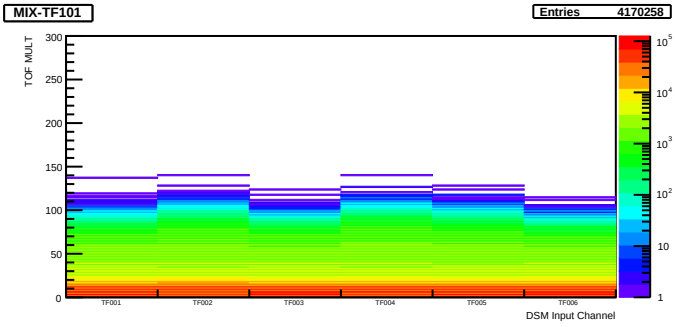

MIX-TF002
Entries 1.45959e+07
TOF MULT
TOF tray

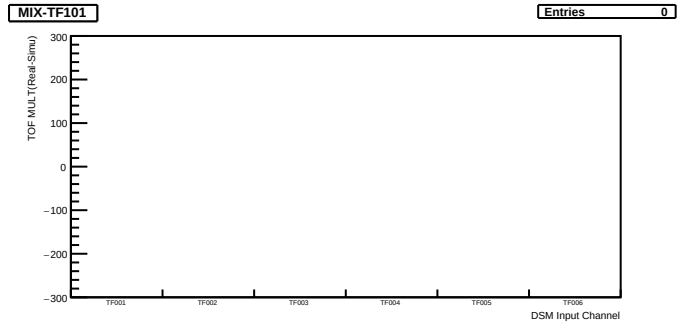

MIX-TF003
Entries 1.45959e+07
TOF MULT
TOF tray

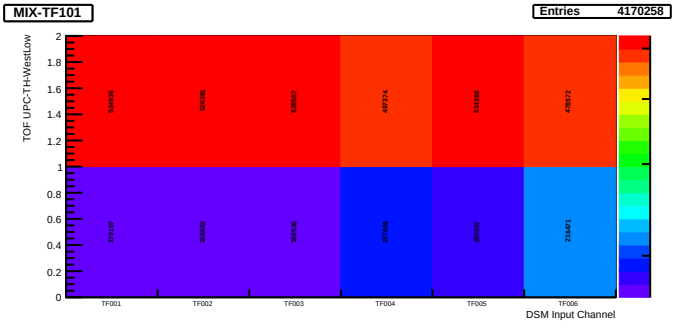

MIX-TF004
Entries 1.45959e+07
TOF MULT
TOF tray

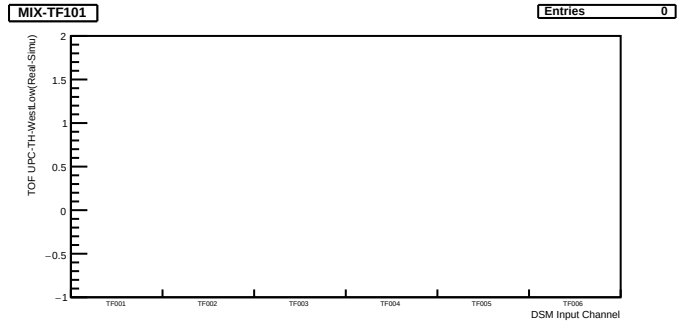

MIX-TF005
Entries 1.45959e+07
TOF MULT
TOF tray

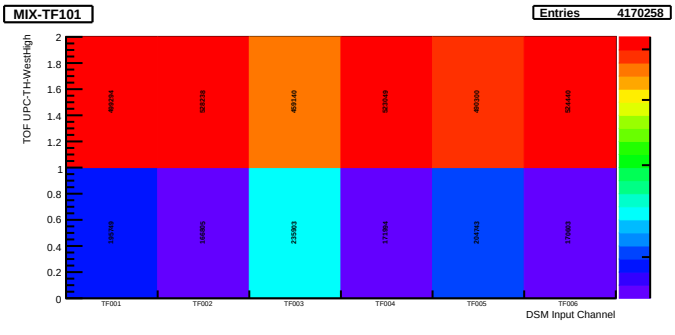

MIX-TF006
Entries 1.45959e+07
TOF MULT
TOF tray

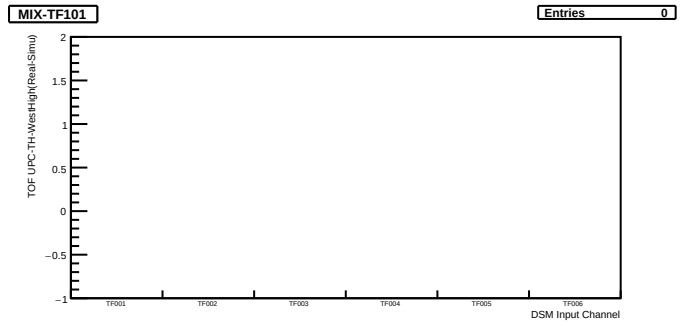

MIX-TF101
Entries 4170258
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

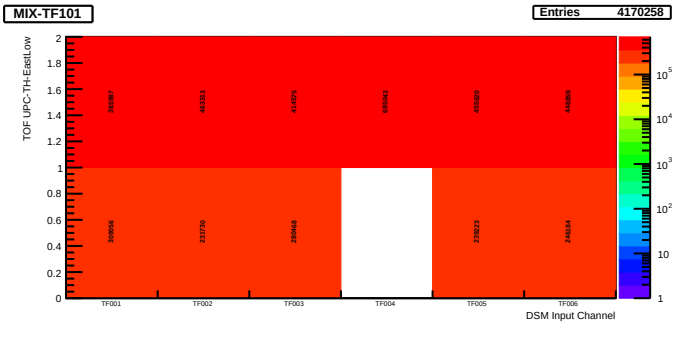

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

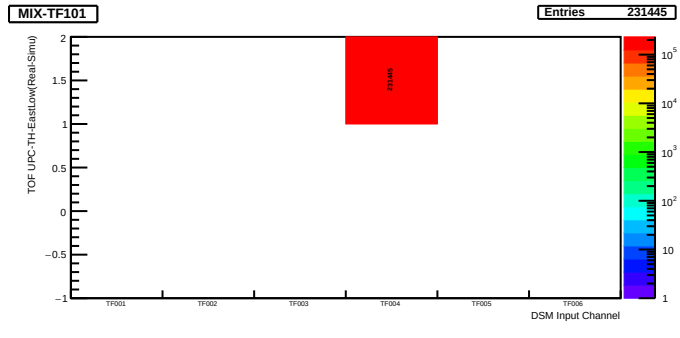

MIX-TF101
Entries 4170258
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

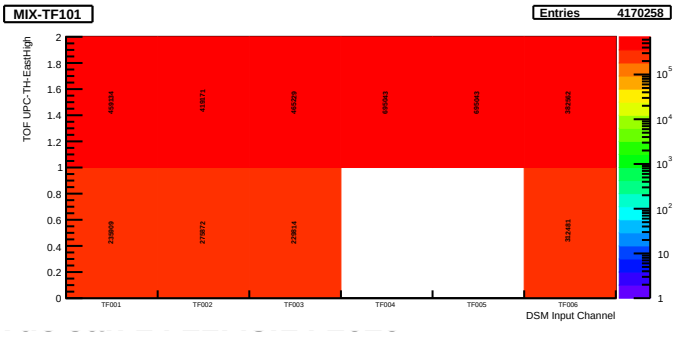

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

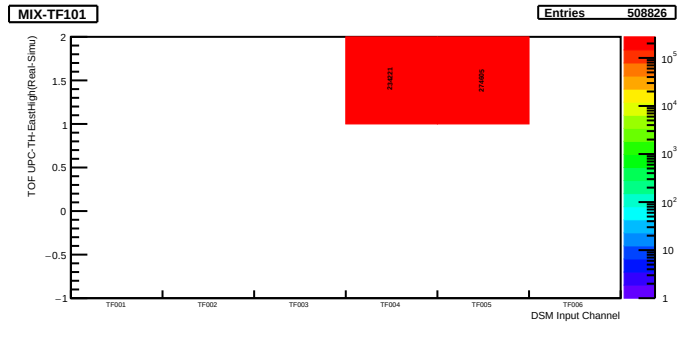

MIX-TF101
Entries 4170258
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

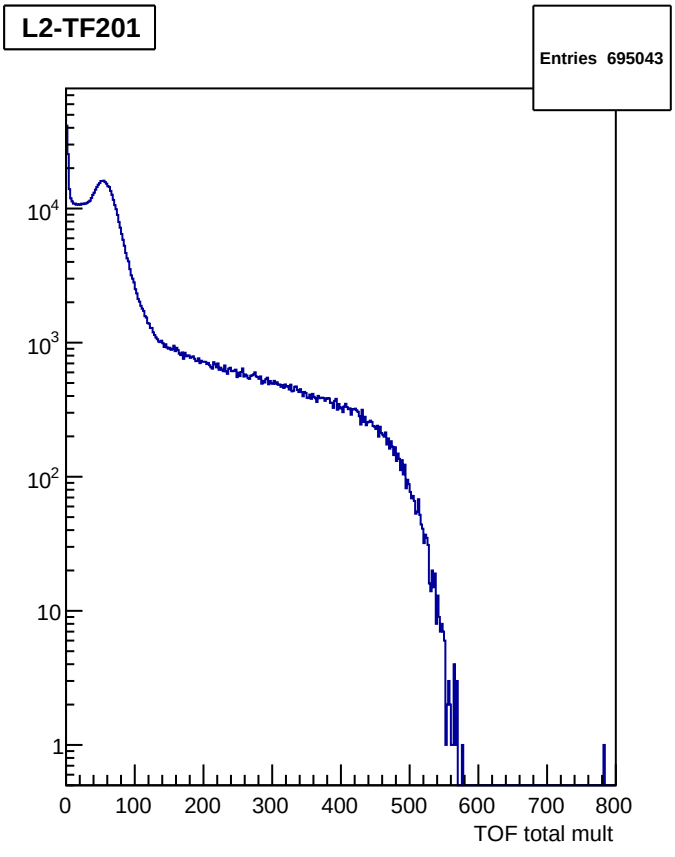

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

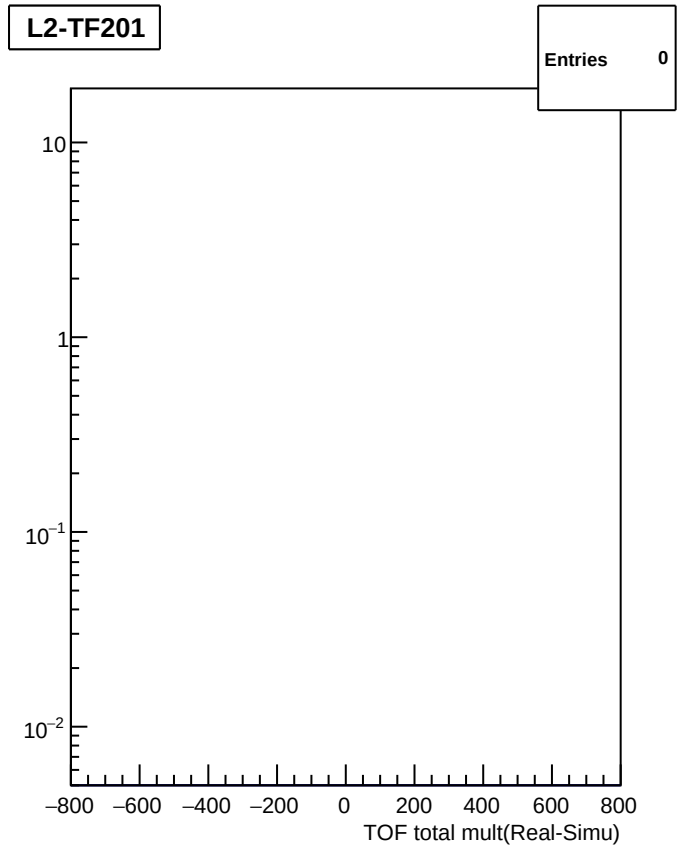

MIX-TF101
Entries 4170258
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

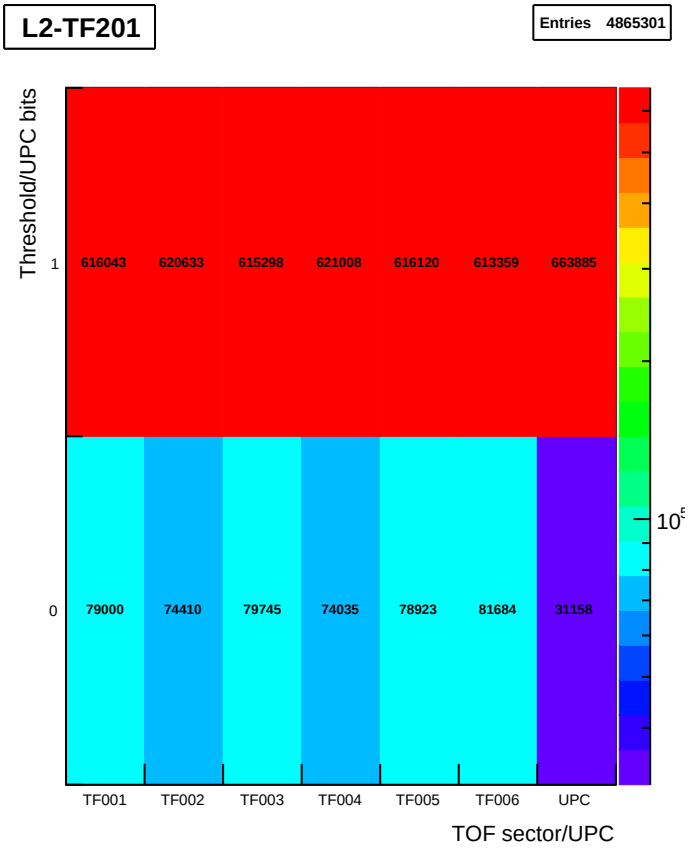

MIX-TF101
Entries 231445
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

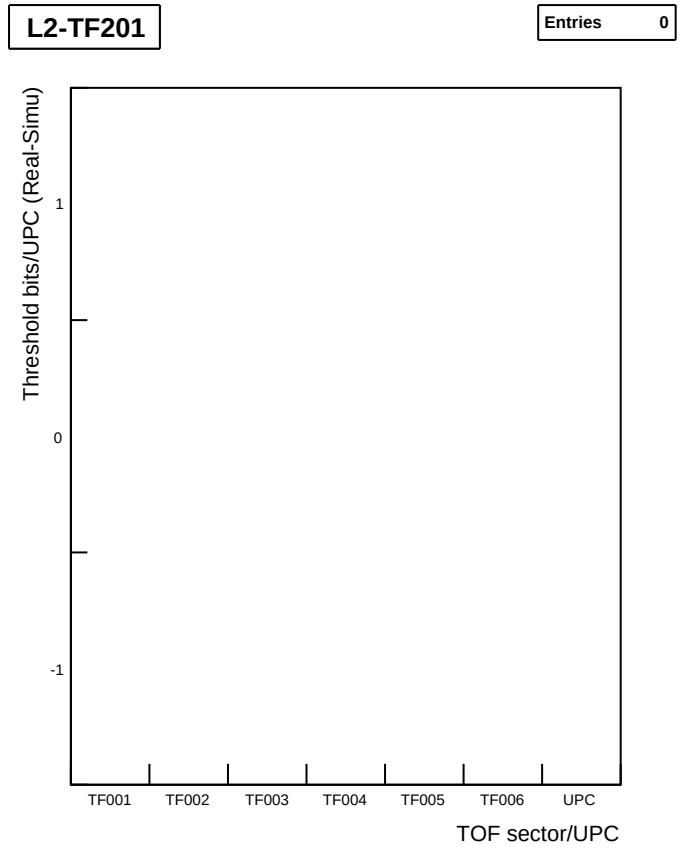

MIX-TF101
Entries 4170258
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

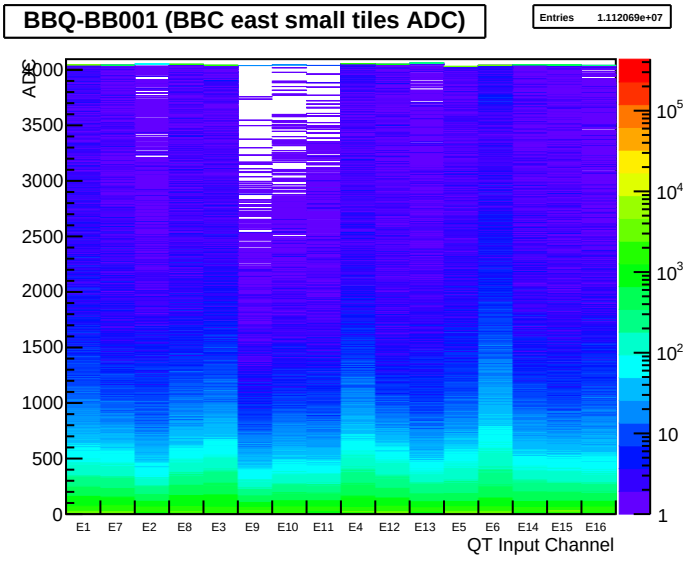

MIX-TF101
Entries 508826
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

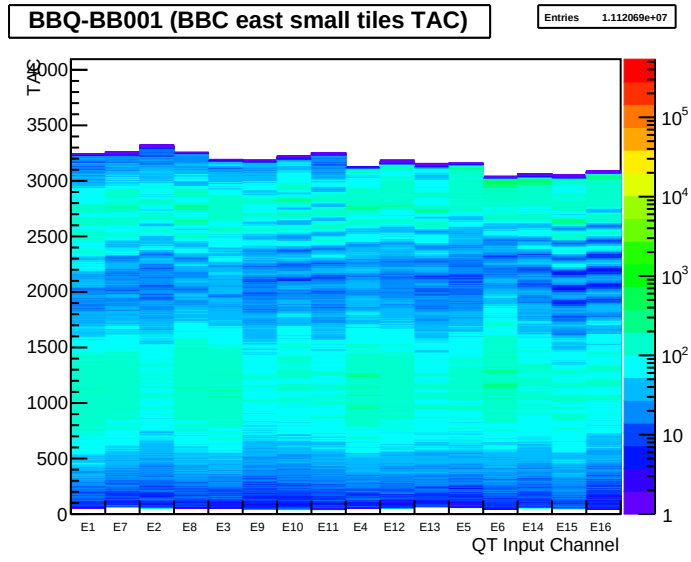

L2-TF201
Entries 695043
TOF total mult

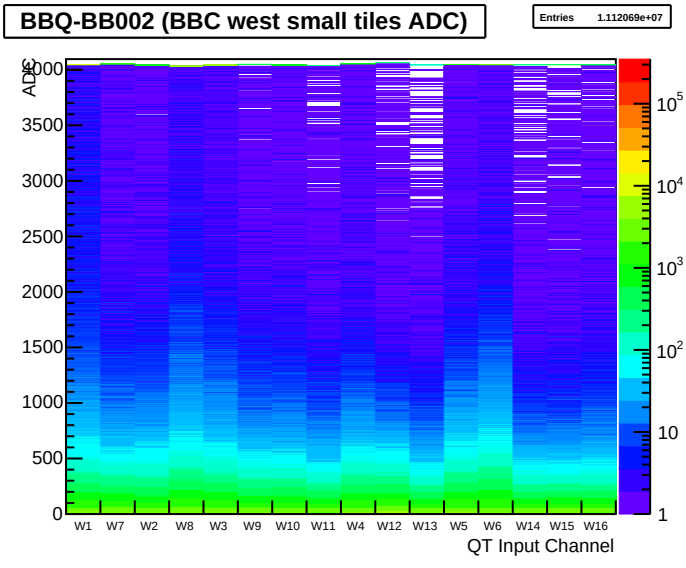

L2-TF201
Entries 0
TOF total mult(Real-Simu)

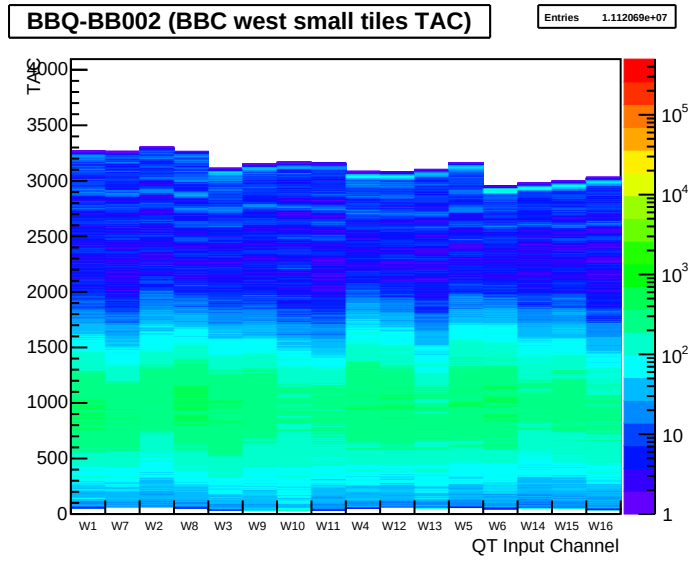

L2-TF201
Entries 4865301
Threshold/UPC bits
616043
620633
615298
621008
616120
613359
663885
79000
74410
79745
74035
78923
81684
31158
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

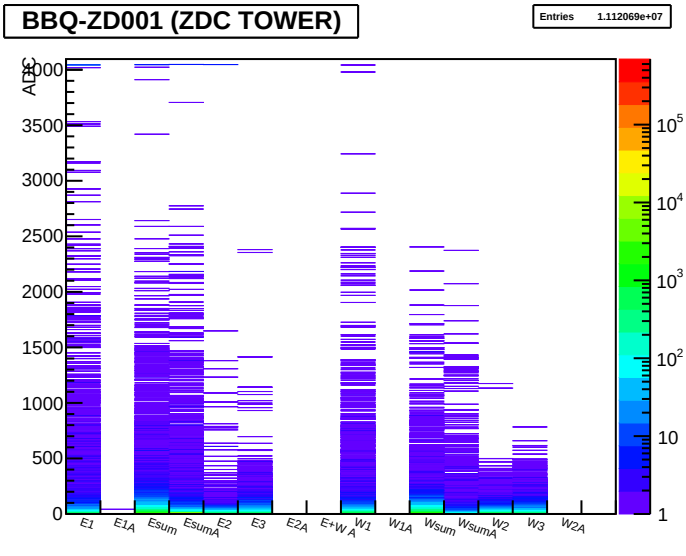

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

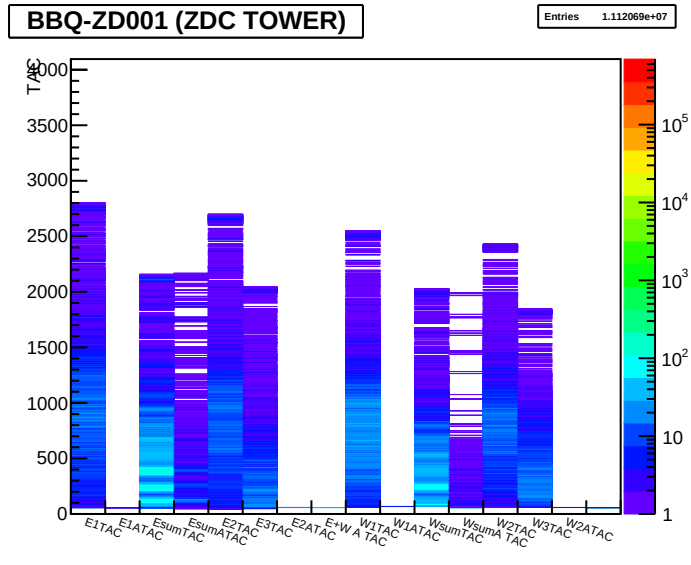

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.112069e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

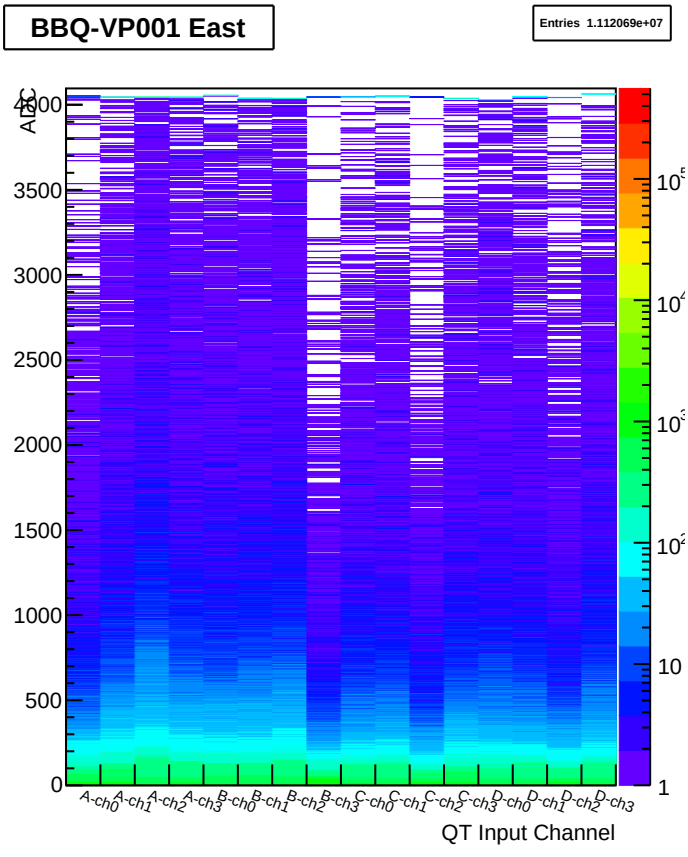

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.112069e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

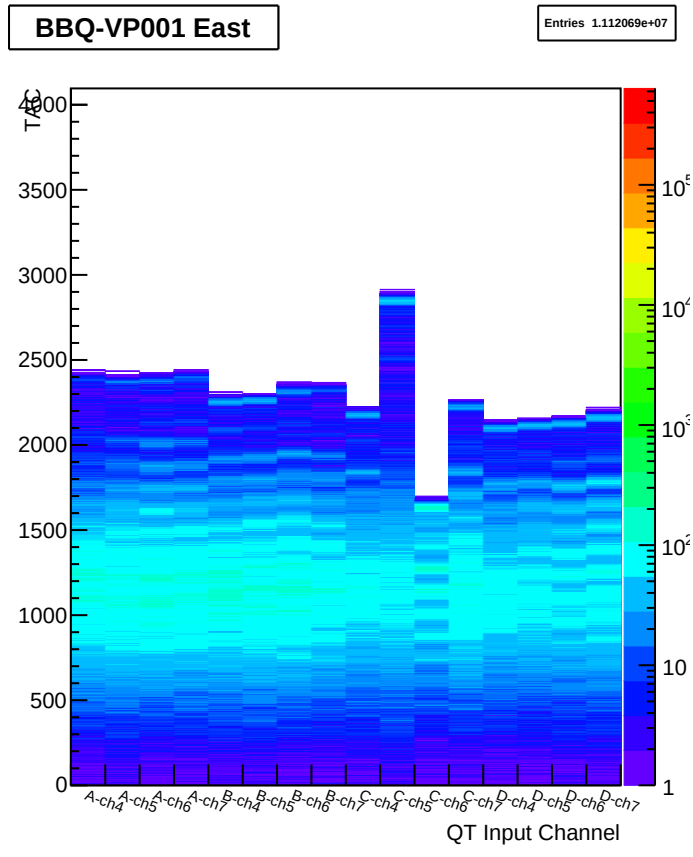

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.112069e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

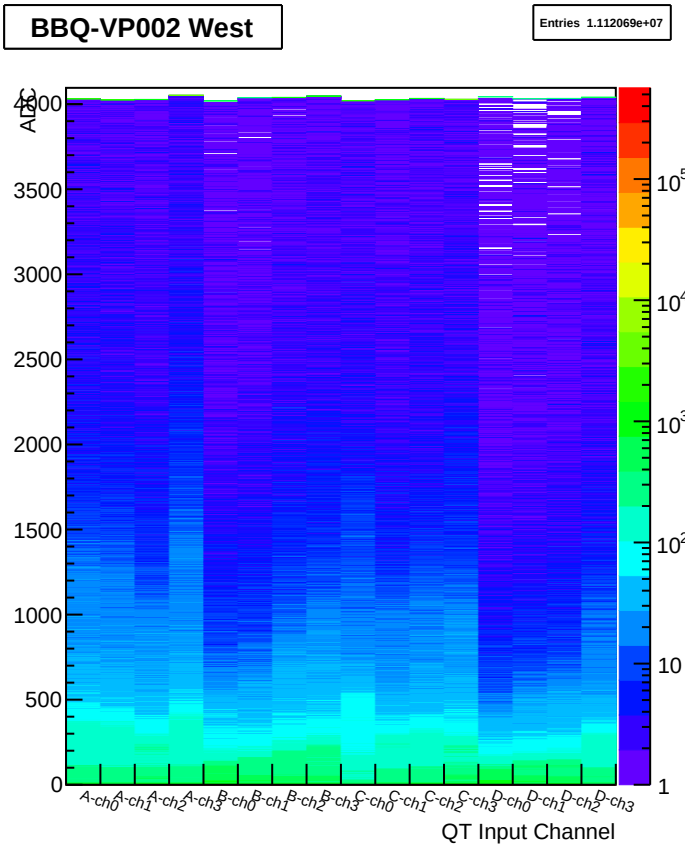

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.112069e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

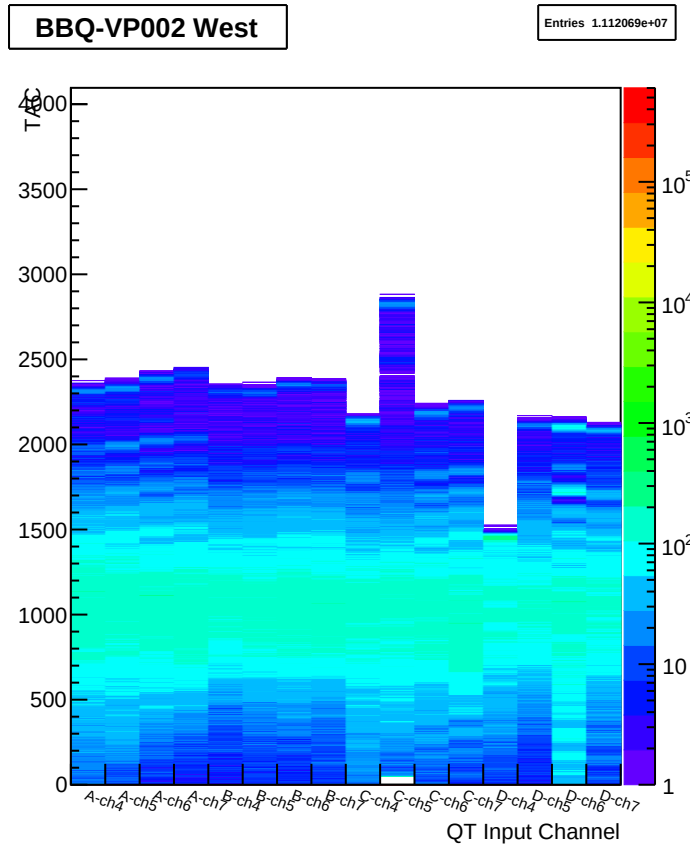

BBQ-ZD001 (ZDC TOWER)
Entries 1.112069e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

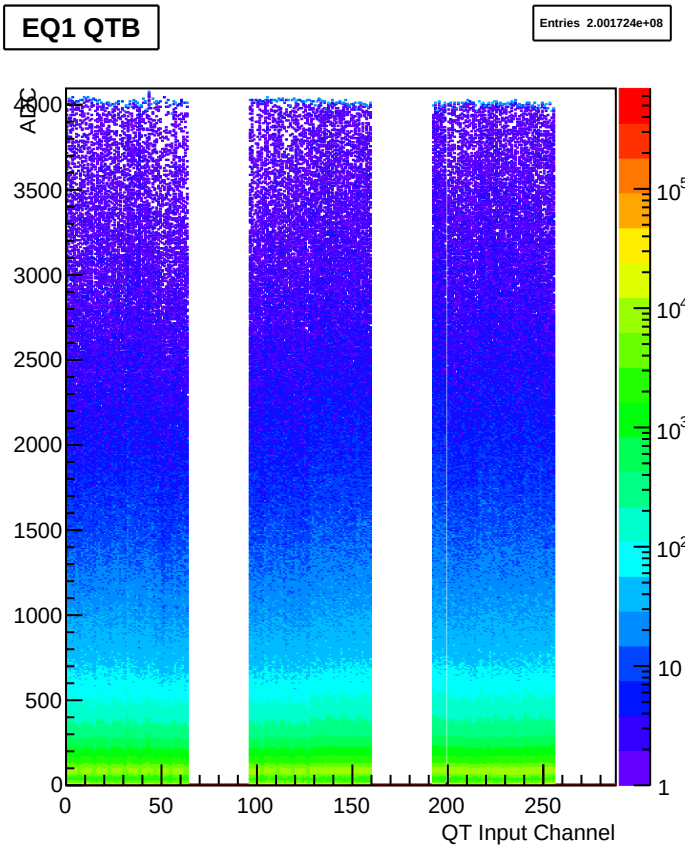

BBQ-ZD001 (ZDC TOWER)
Entries 1.112069e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

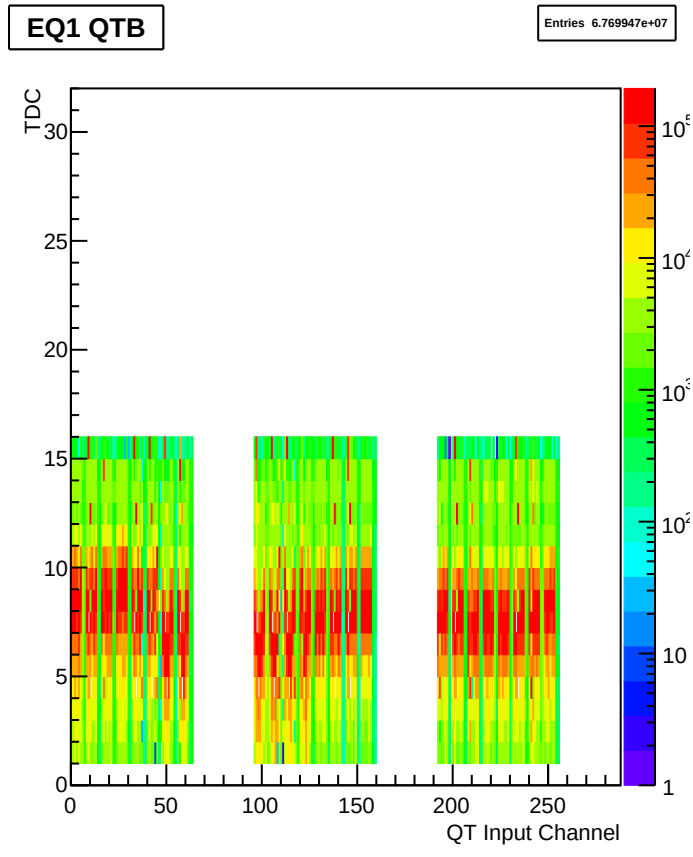

BBQ-VP001 East
Entries 1.112069e+07
ADC
QT Input Channel

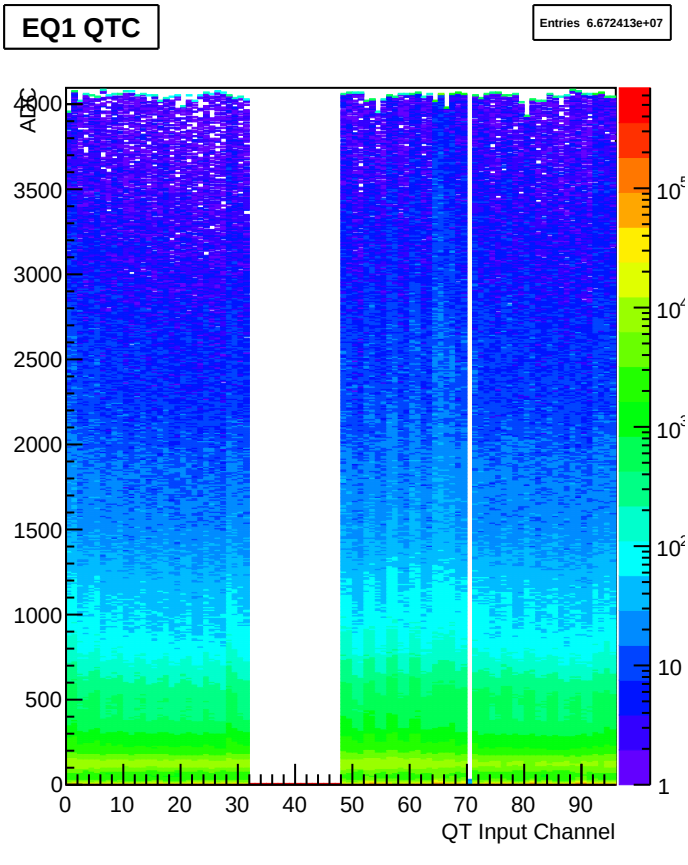

BBQ-VP001 East
Entries 1.112069e+07
TADC
QT Input Channel

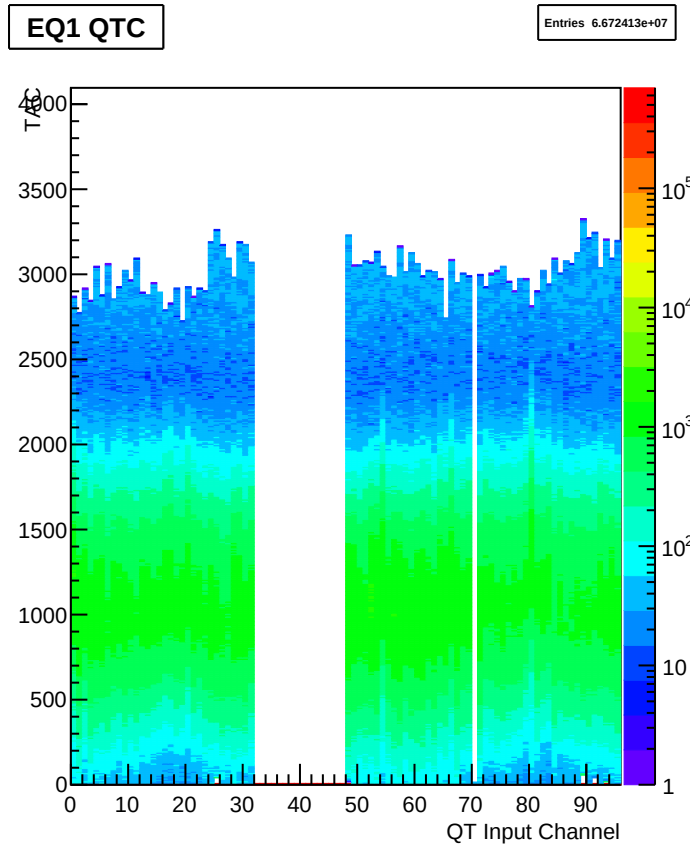

BBQ-VP002 West
Entries 1.112069e+07
ADC
QT Input Channel

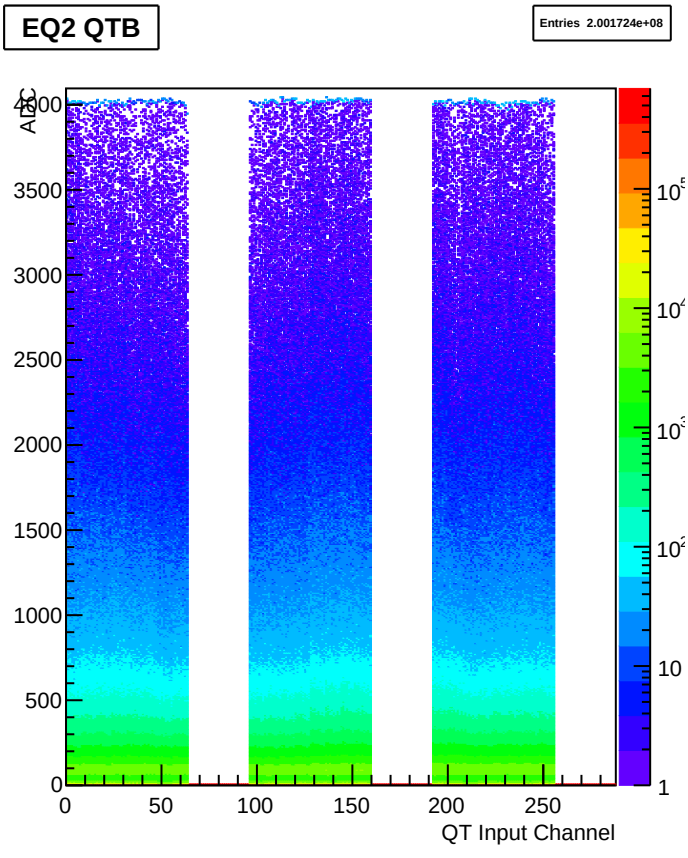

BBQ-VP002 West
Entries 1.112069e+07
TADC
QT Input Channel

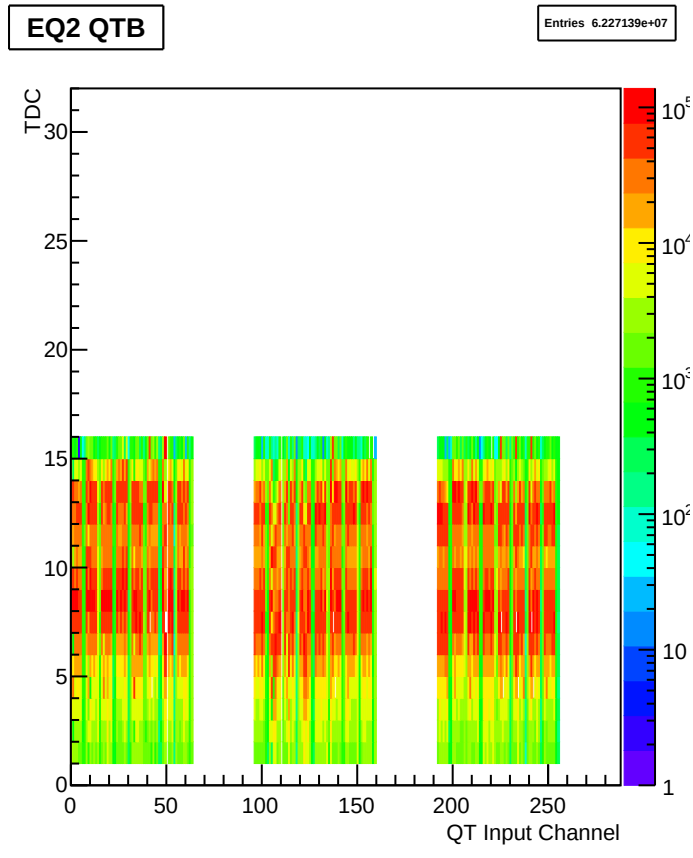

EQ1 QTB
Entries 2.001724e+08
ADC
QT Input Channel

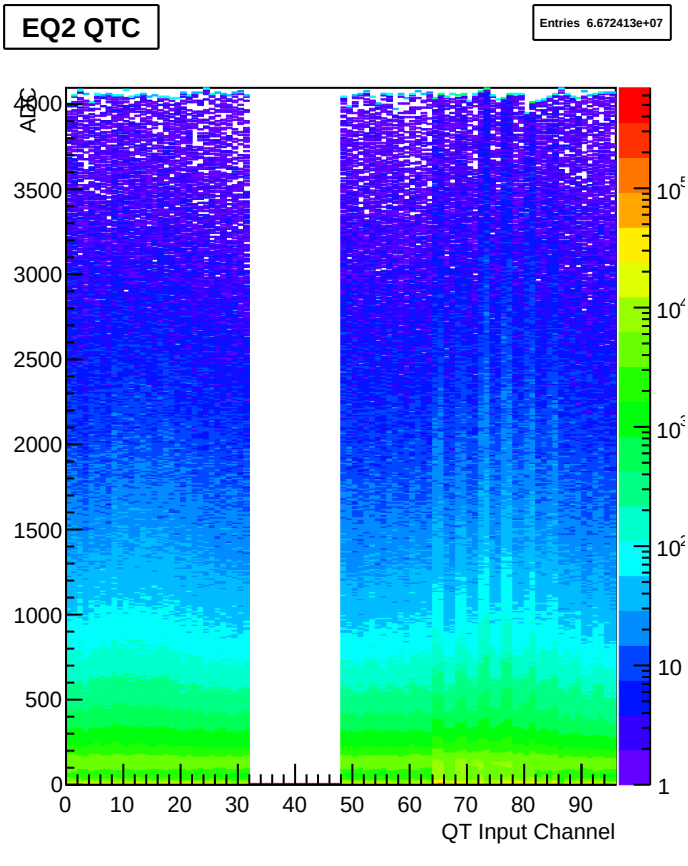

EQ1 QTB
Entries 6.769947e+07
TDC
QT Input Channel

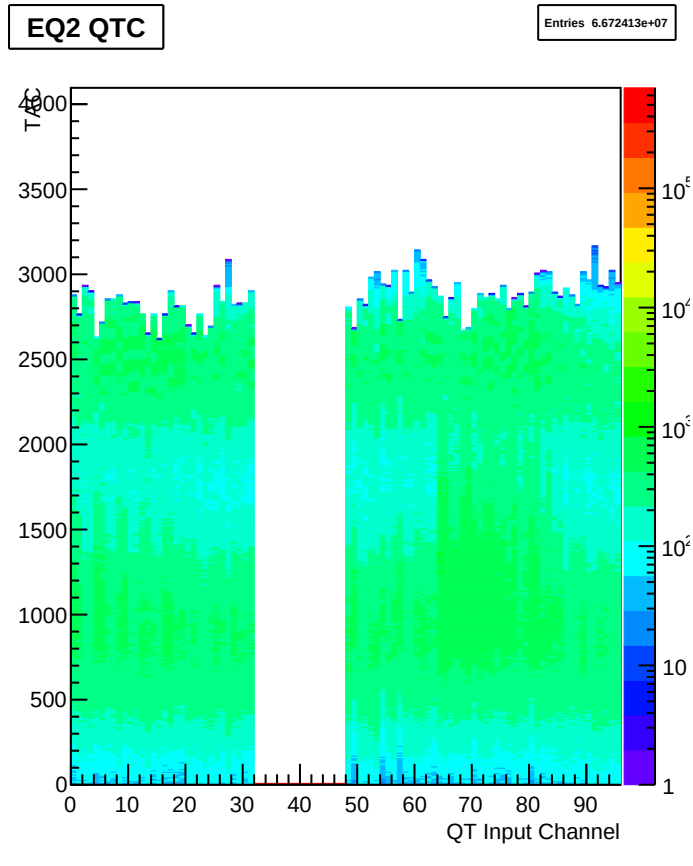

EQ1 QTC
Entries 6.672413e+07
ADC
QT Input Channel

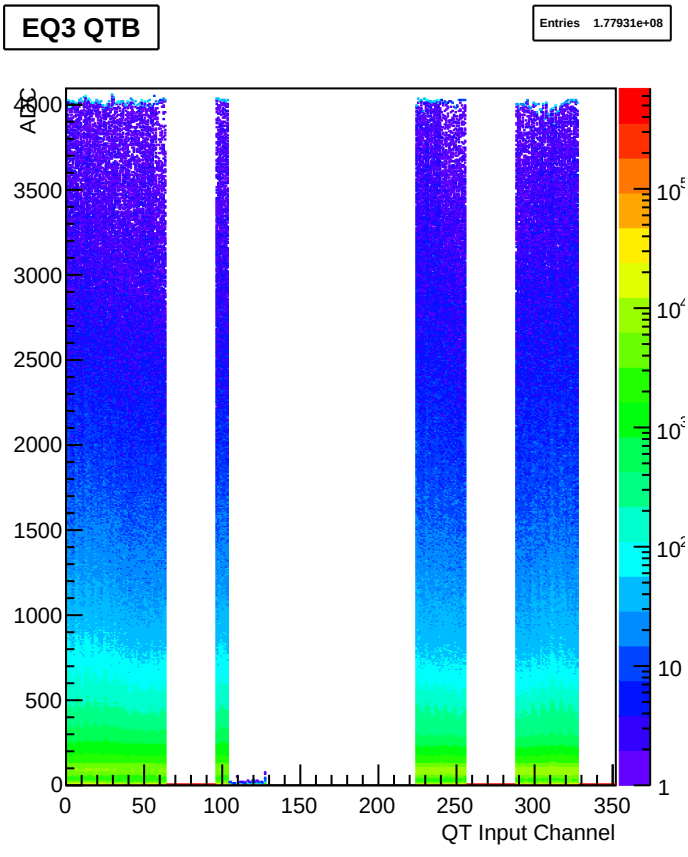

EQ1 QTC
Entries 6.672413e+07
TADC
QT Input Channel

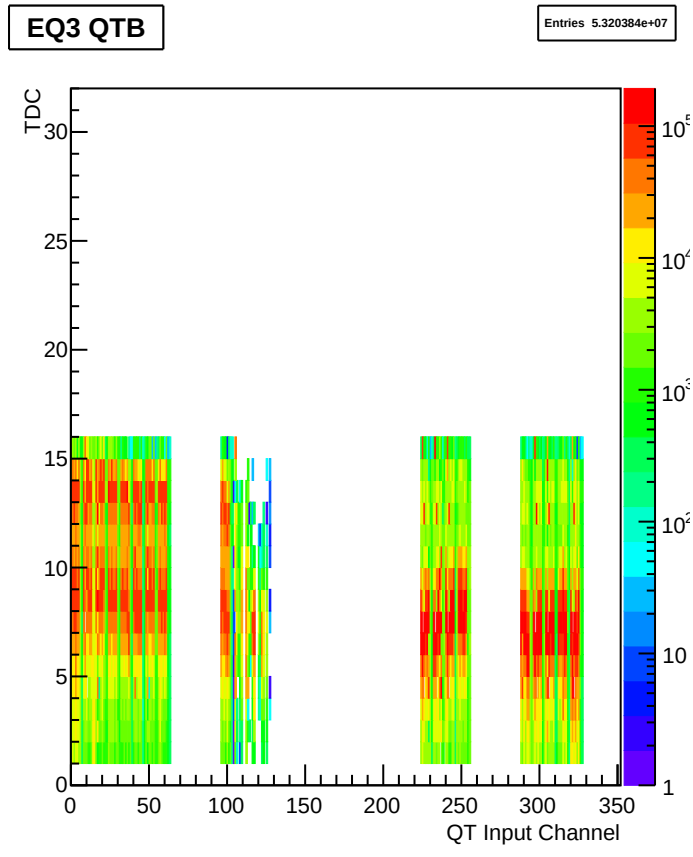

EQ2 QTB
Entries 2.001724e+08
ADC
QT Input Channel

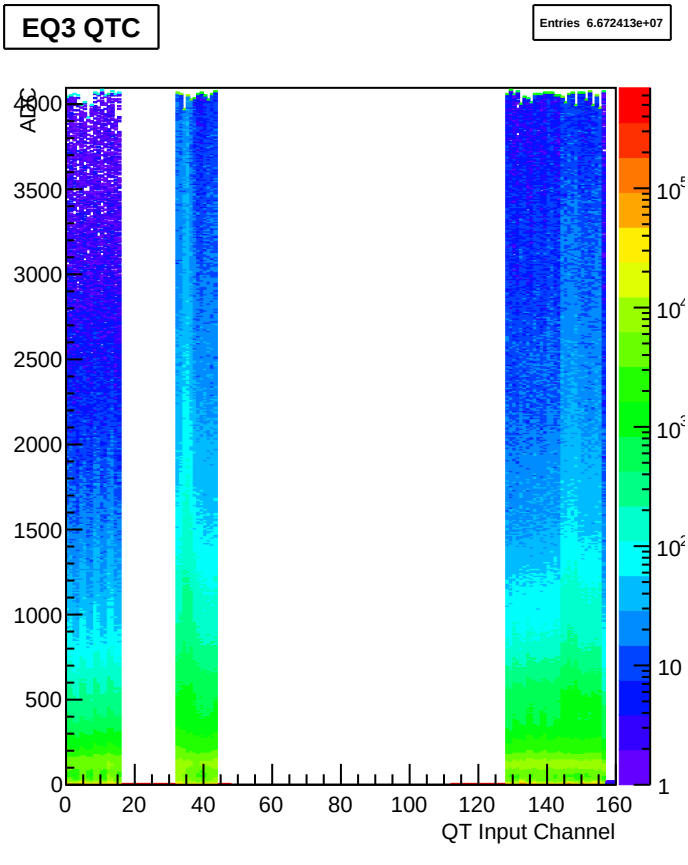

EQ2 QTB
Entries 6.227139e+07
TDC
QT Input Channel

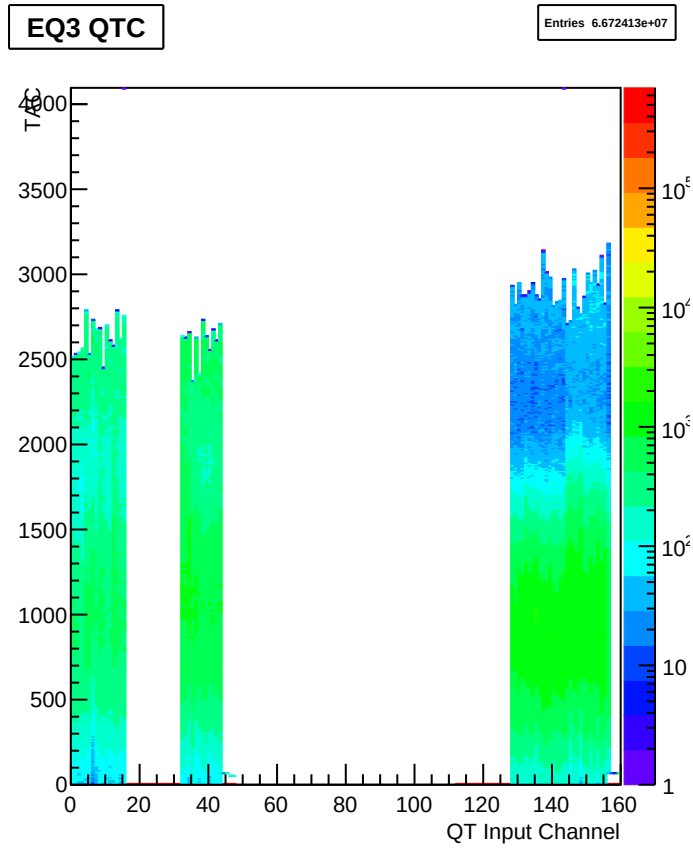

EQ2 QTC
Entries 6.672413e+07
ADC
QT Input Channel

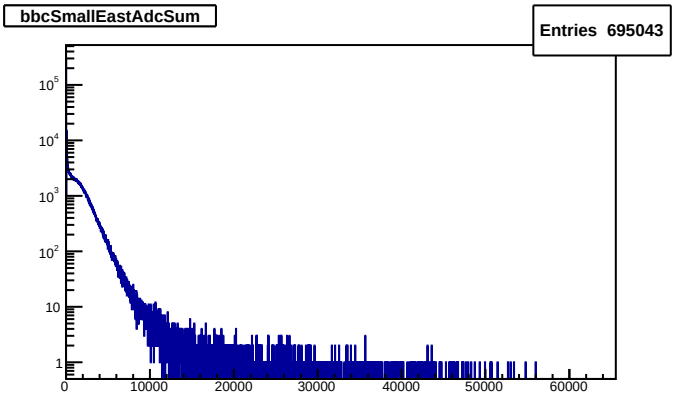

EQ2 QTC
Entries 6.672413e+07
TADC
QT Input Channel

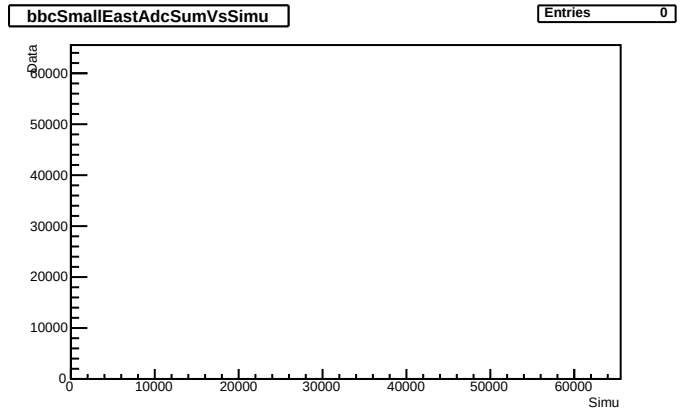

EQ3 QTB
Entries 1.77931e+08
ADC
QT Input Channel

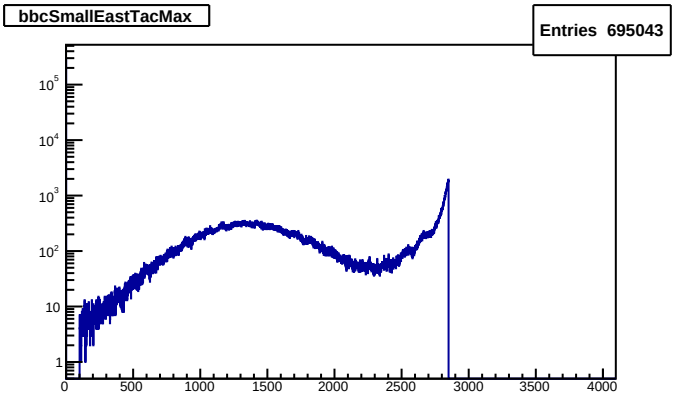

EQ3 QTB
Entries 5.320384e+07
TDC
QT Input Channel

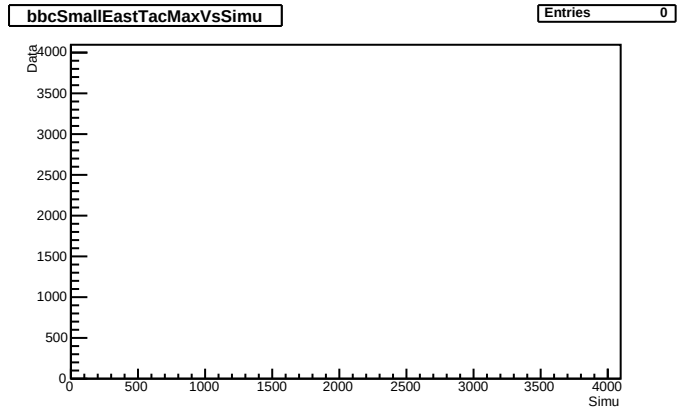

EQ3 QTC
Entries 6.672413e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.672413e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 695043


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 695043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Entries 0
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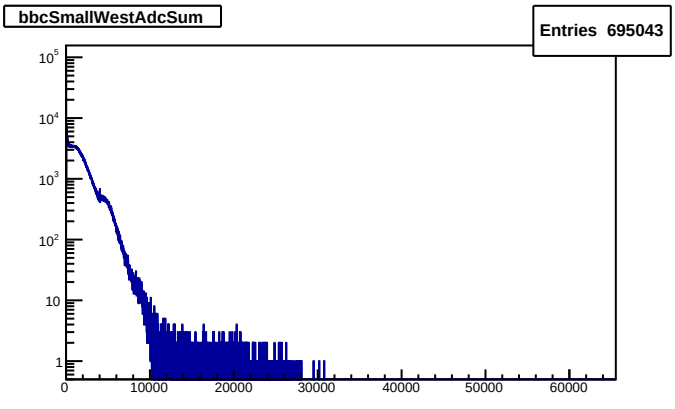
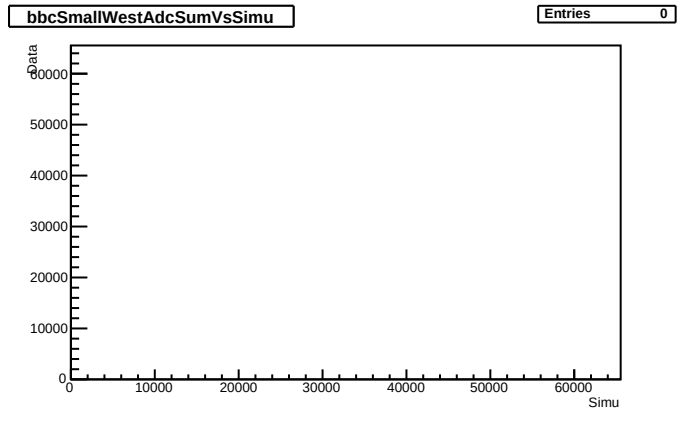
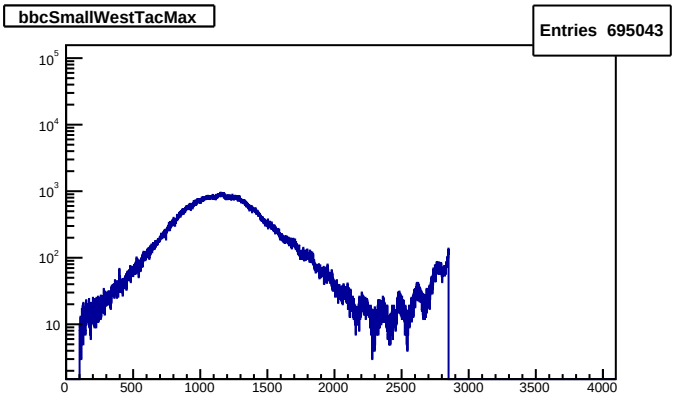

bbcSmallWestAdcSum
Entries 695043


bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu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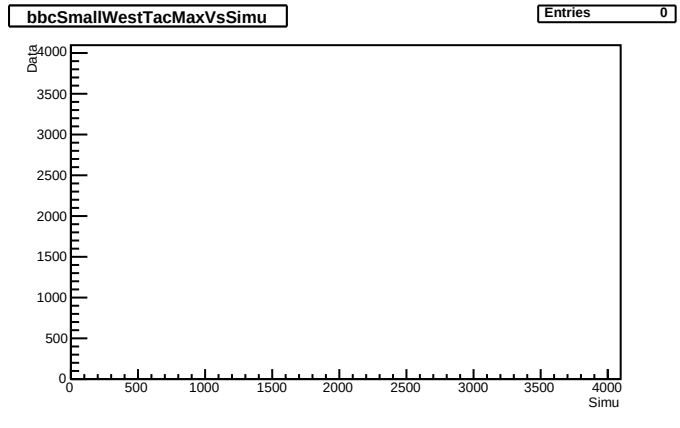
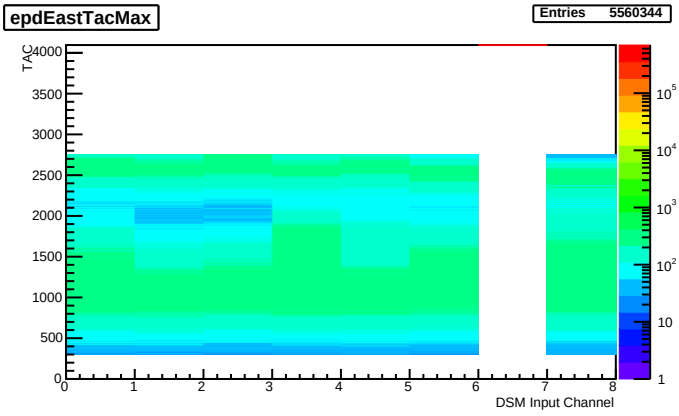
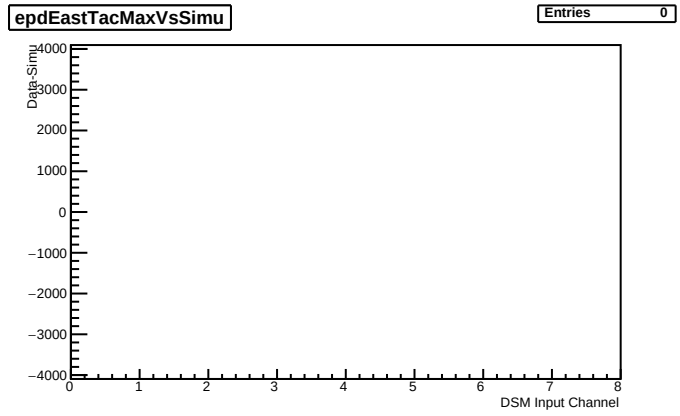
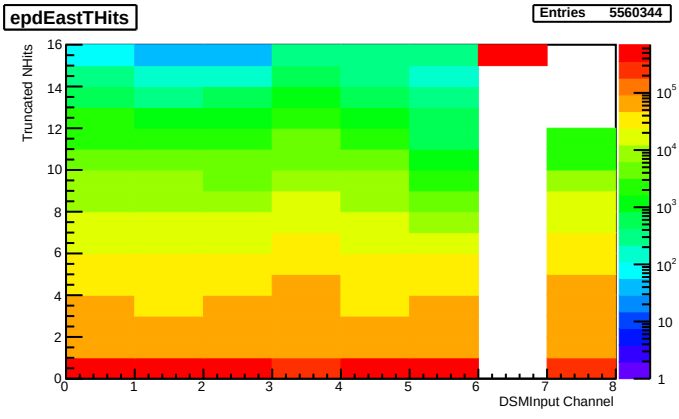
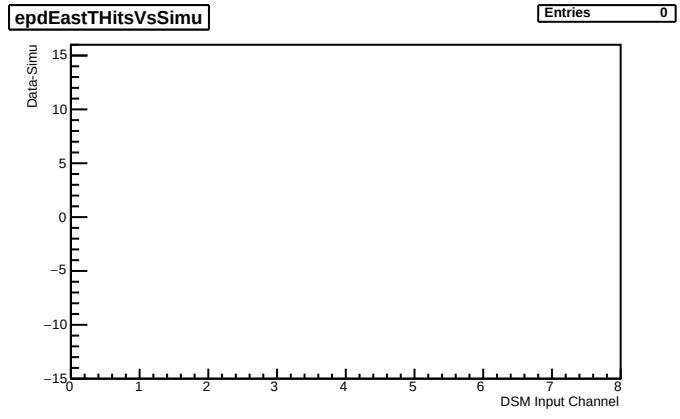
Entries 695043


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5560344
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5560344
Truncated NHits
DSMInput Channel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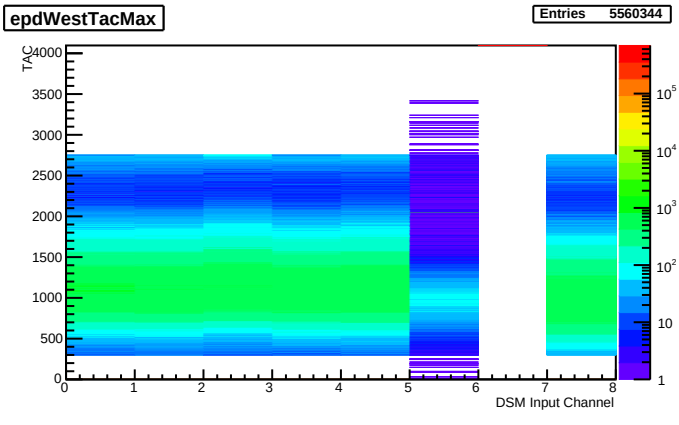
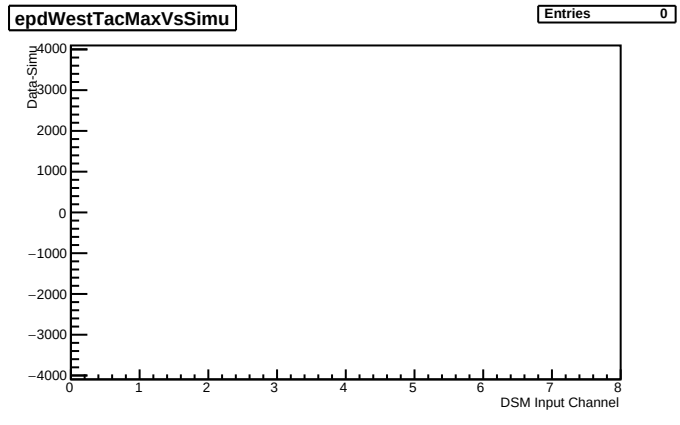
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 5560344
TAC
DSM Input Channel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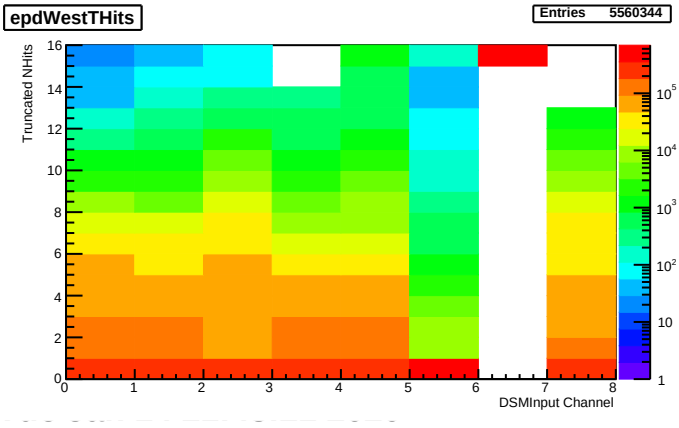
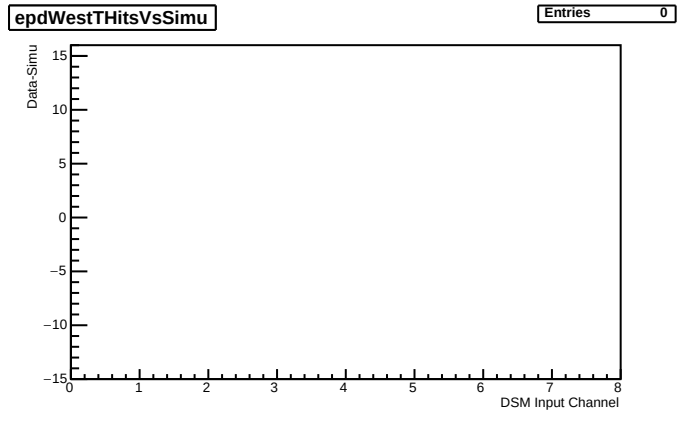
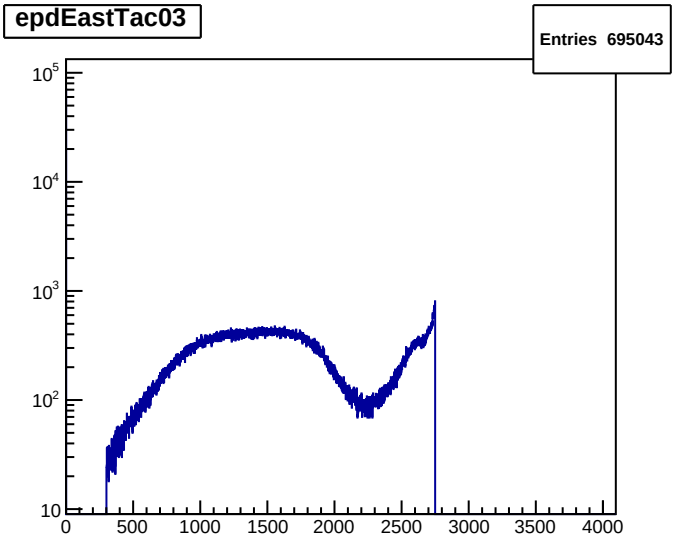
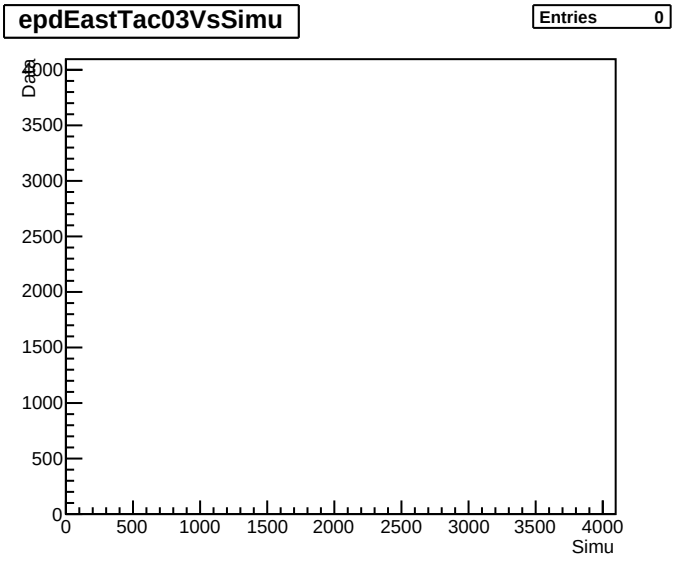
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5560344
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 695043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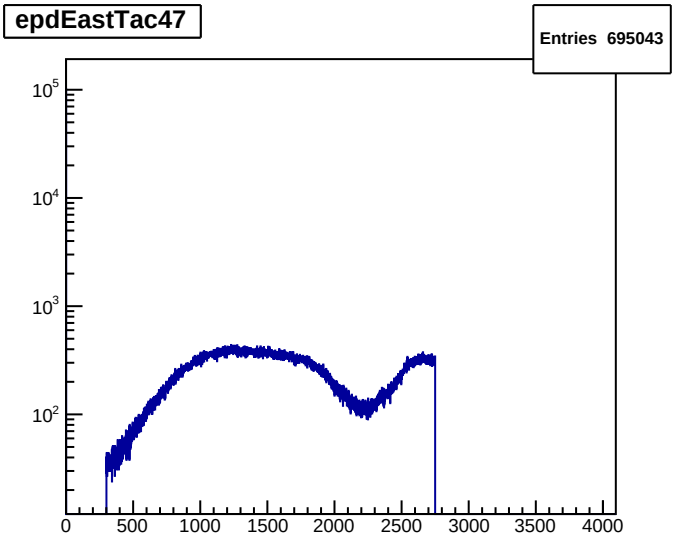
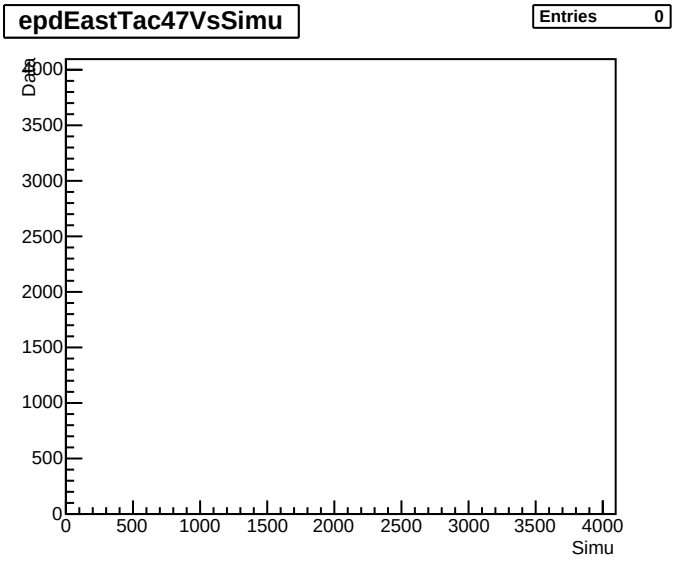
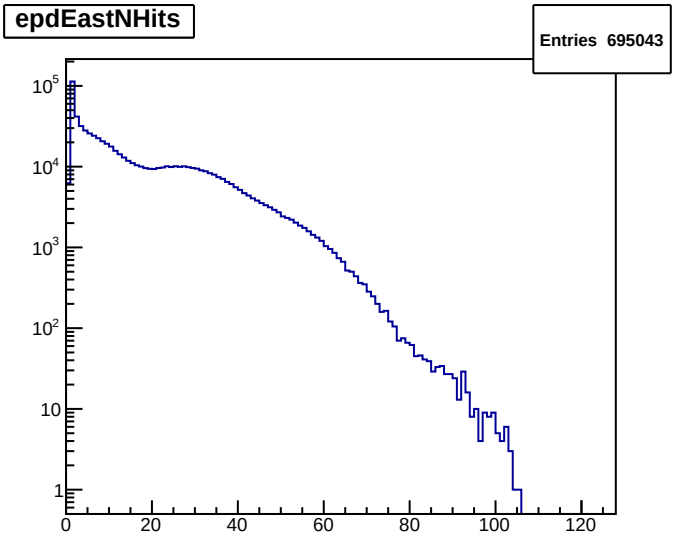
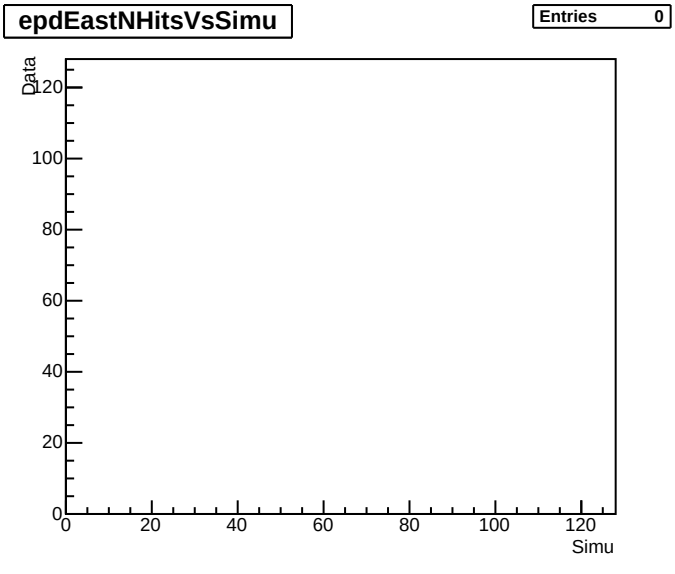
Entries 0
Data
Simu


epdEastTac47
Entries 695043


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 695043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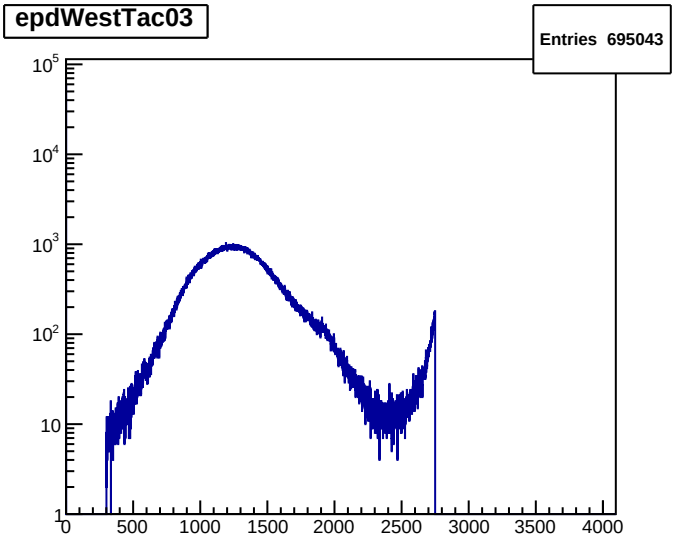
Entries 0
Data
Simu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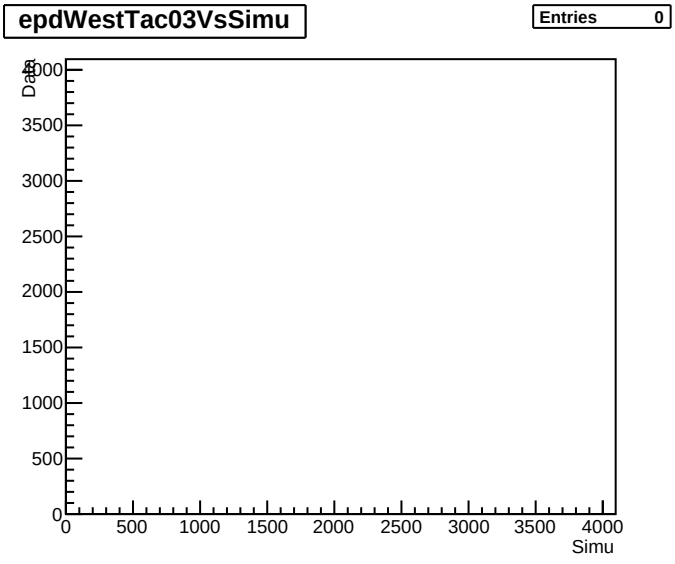
Entries 695043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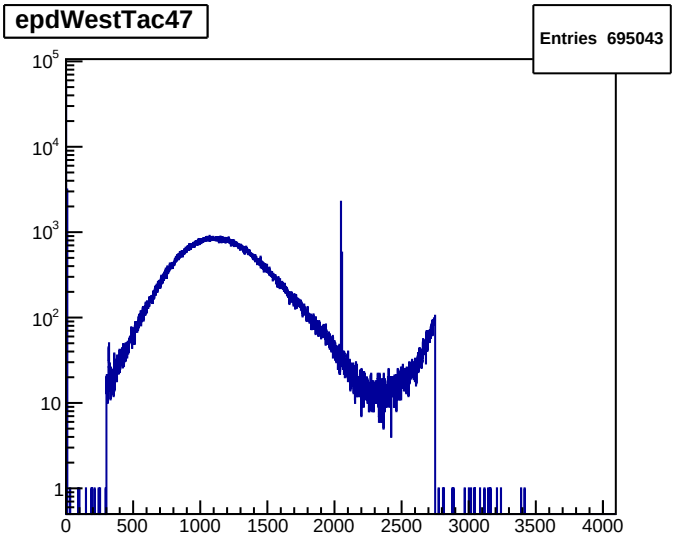
Entries 0
Data
Simu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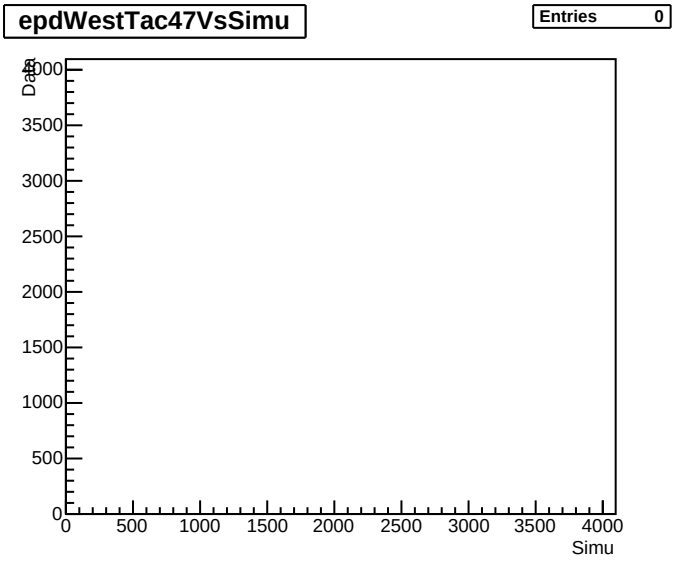
Entries 695043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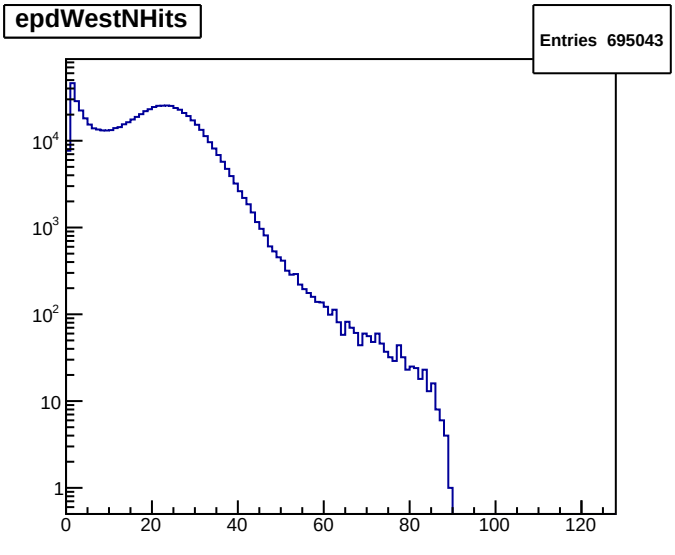
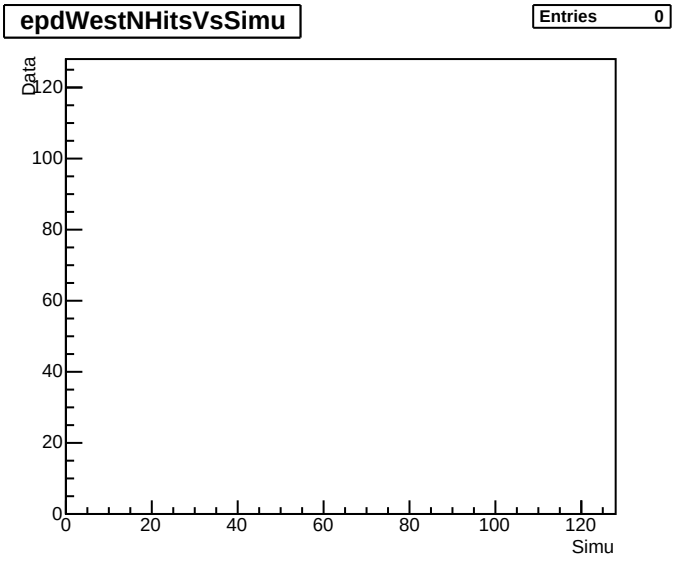
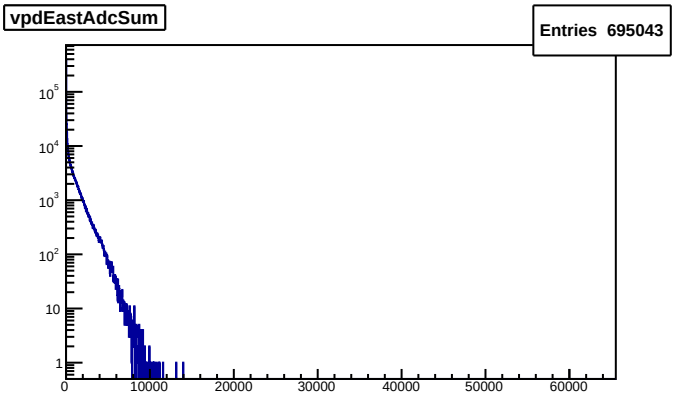
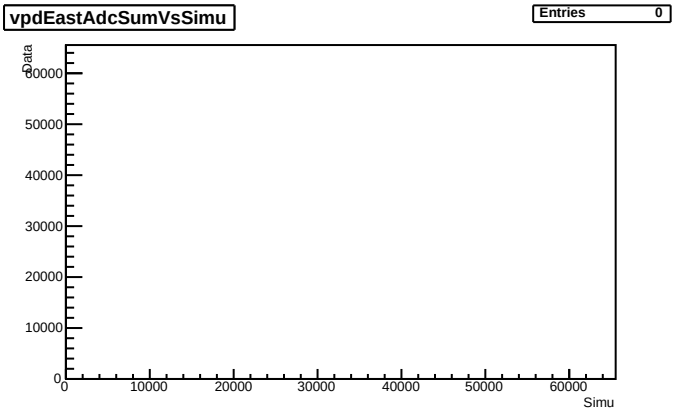
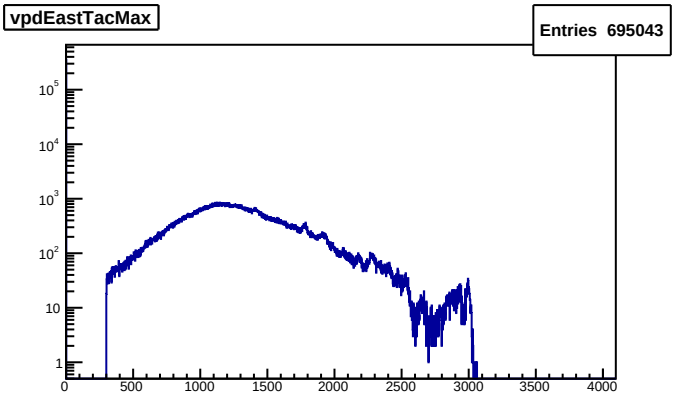
Entries 0
Data
Simu

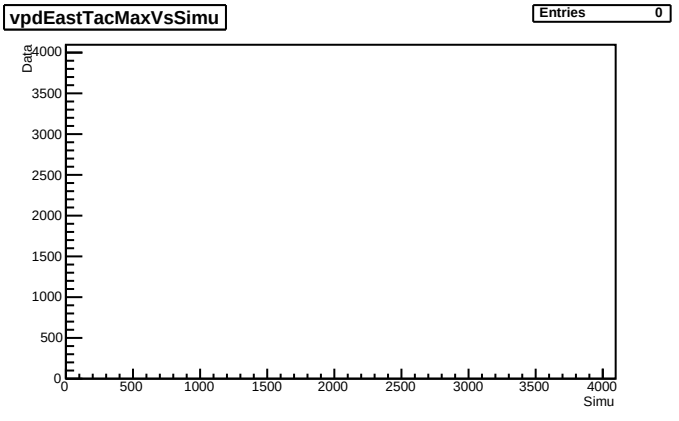

epdWestNHits
Entries 695043


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 695043


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 695043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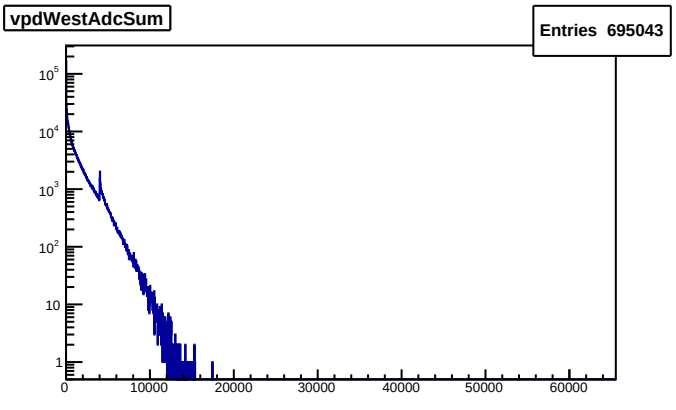
Entries 0
Data
Simu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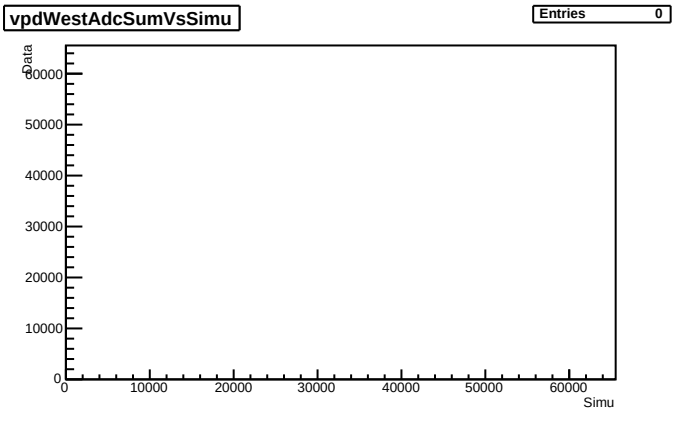
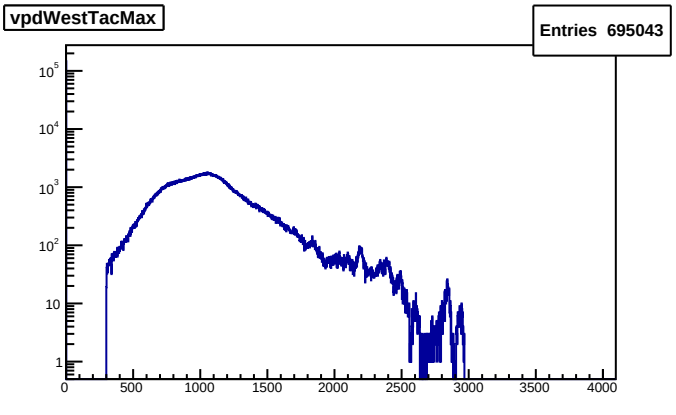
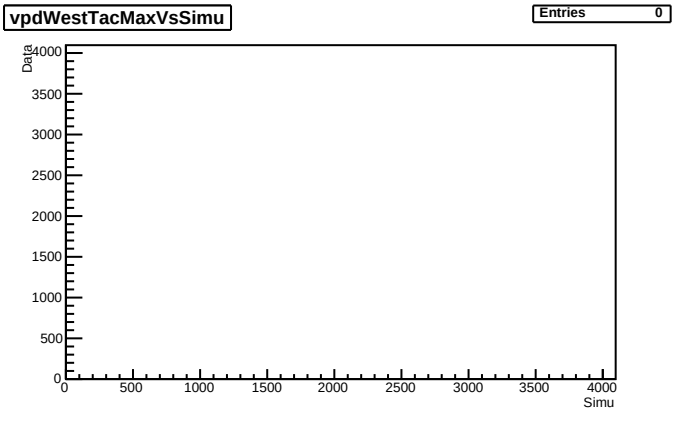
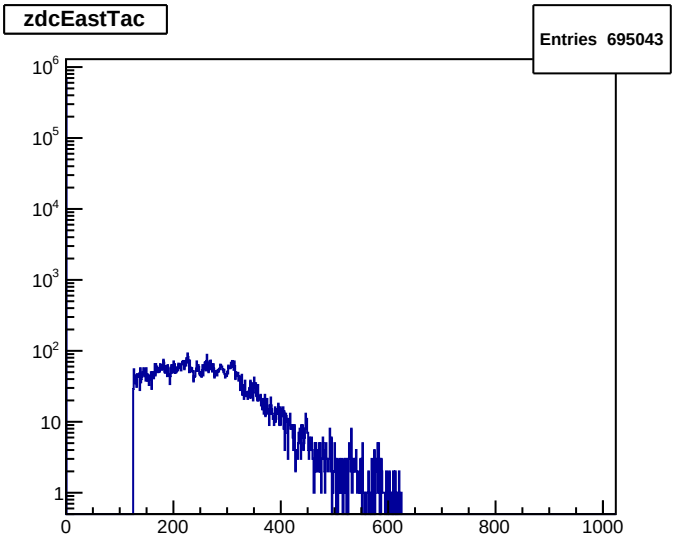
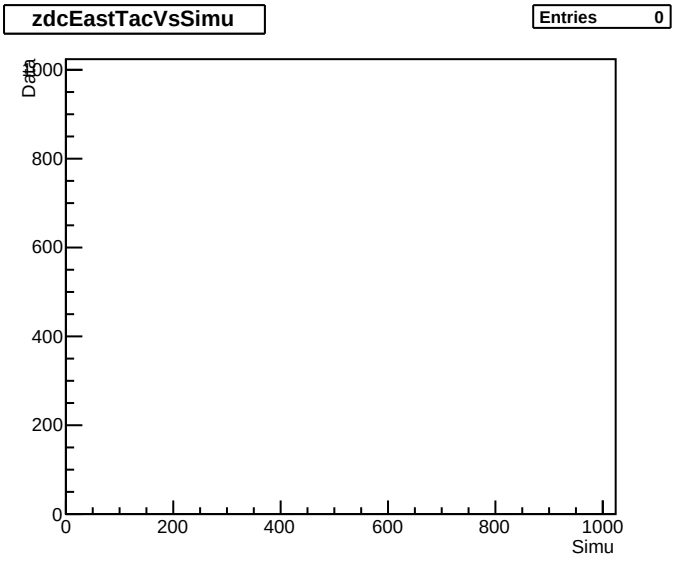
Entries 695043

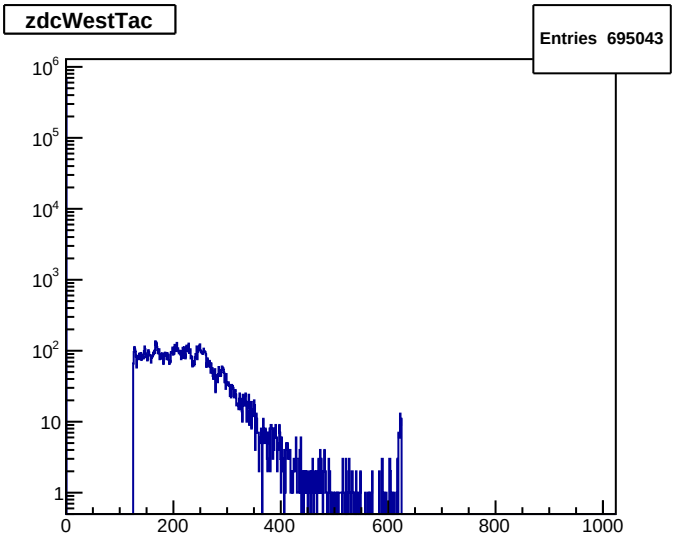

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

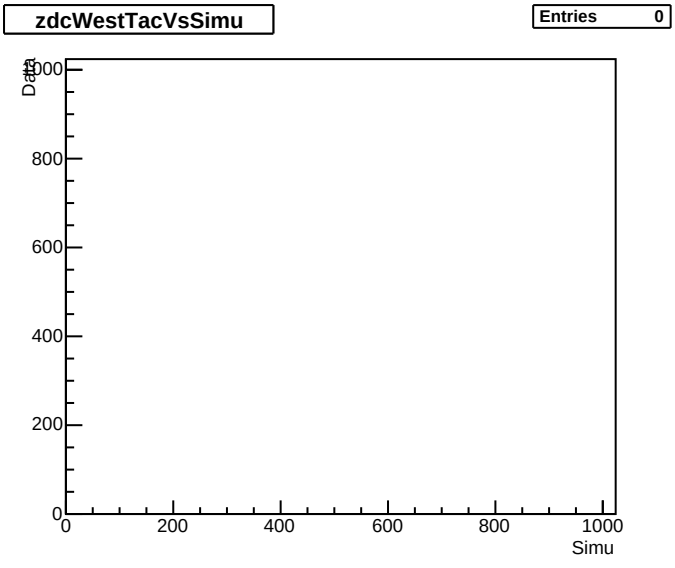

vpdWestTacMax
Entries 695043

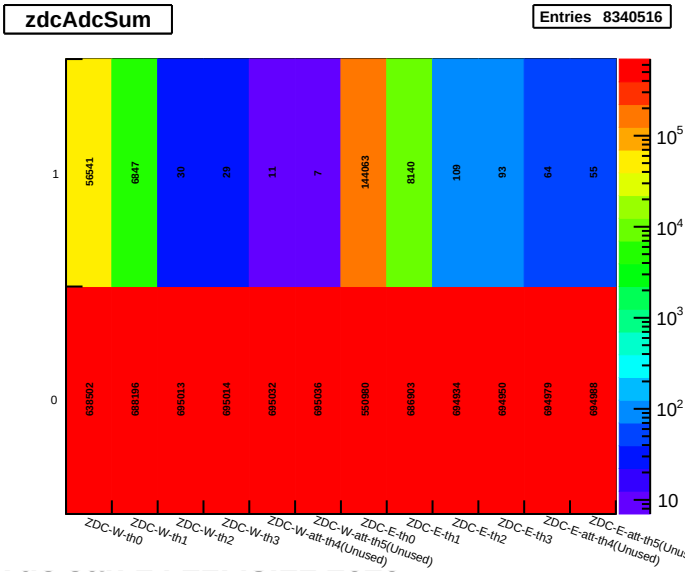

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

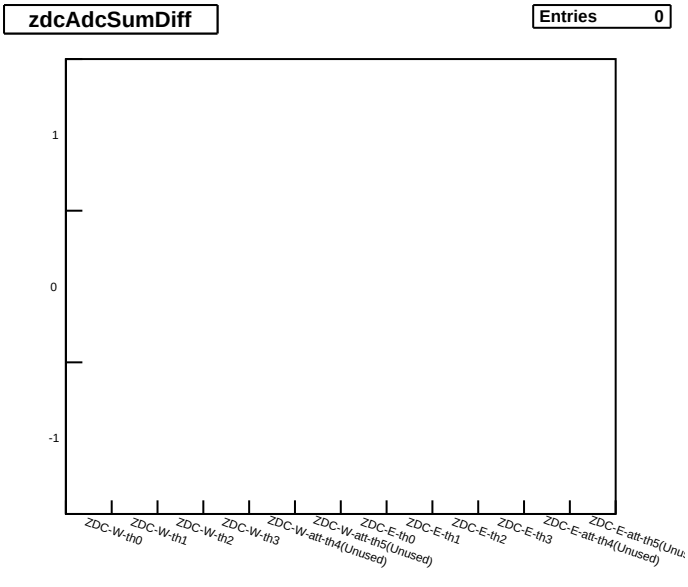

zdcEastTac
Entries 695043

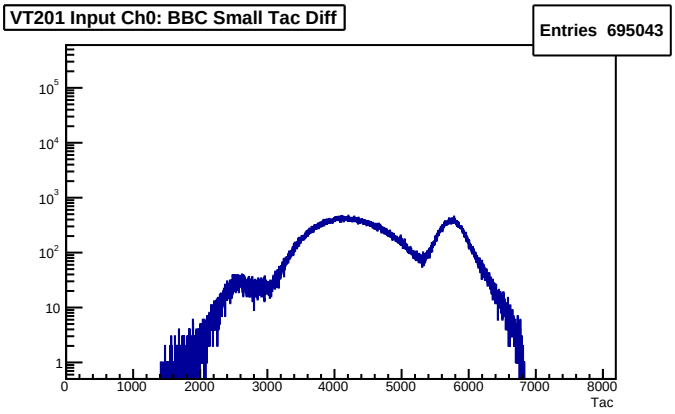

zdcEastTacVsSimu
Entries 0
Data
Simu

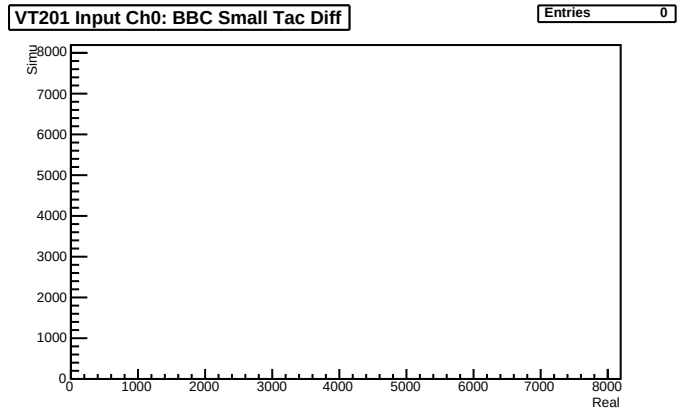

zdcWestTac
Entries 695043

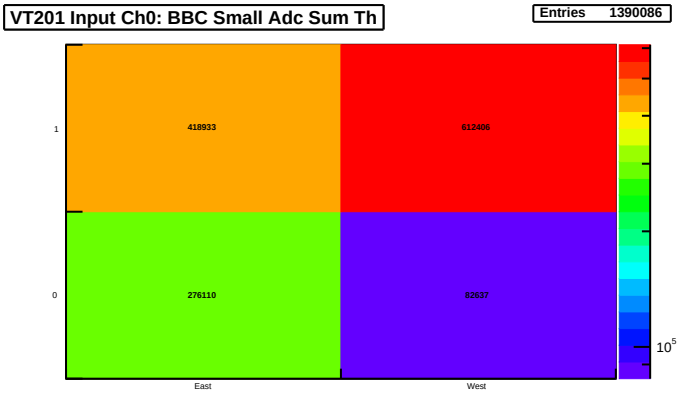

zdcWestTacVsSimu
Entries 0
Data
Simu

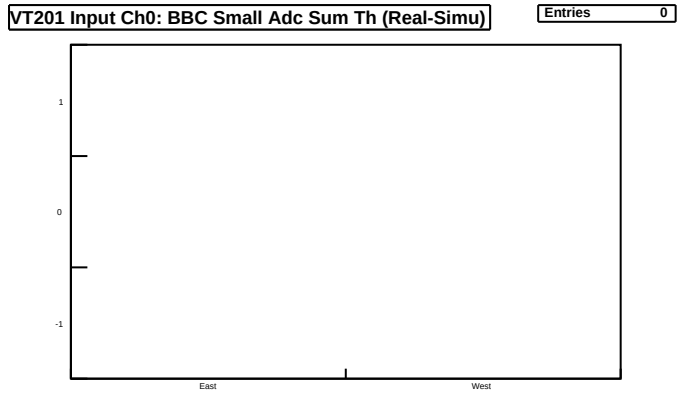

zdcAdcSum
Entries 8340516
56541
6647
30
29
11
7
144063
8140
109
93
64
55
638502
688196
695013
695014
695032
695036
550980
686903
694934
694950
694970
694988
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

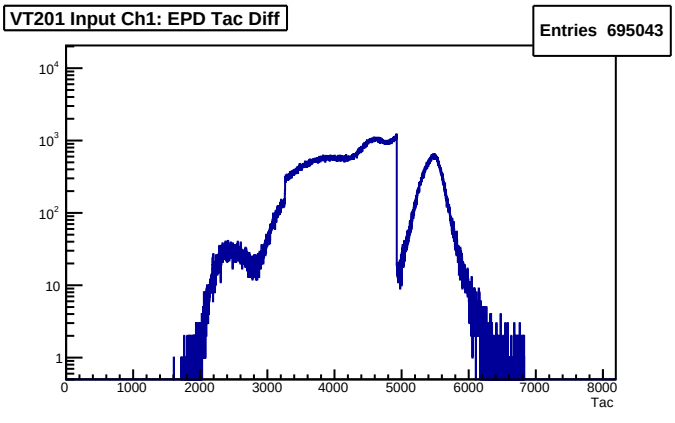

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

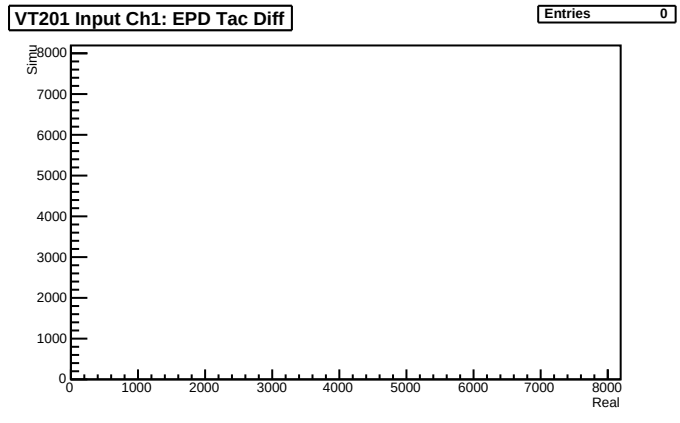

VT201 Input Ch0: BBC Small Tac Diff
Entries 695043
Tac

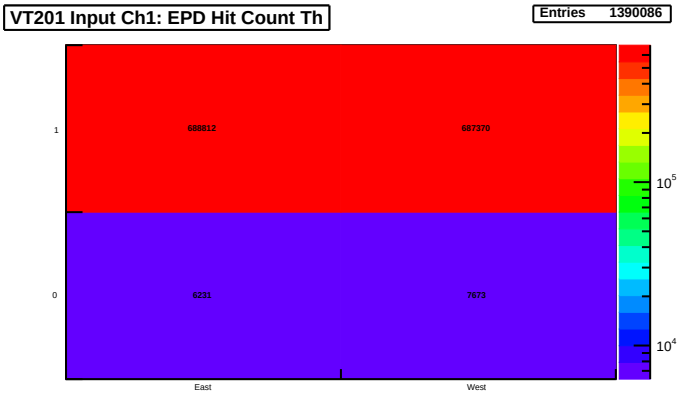

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

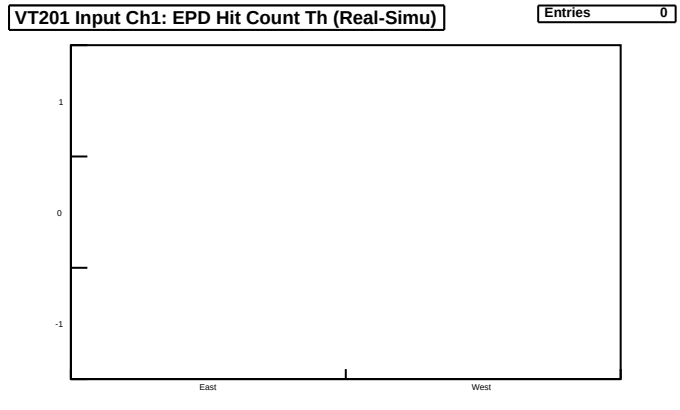

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1390086
418933
612406
276110
82637
East
West

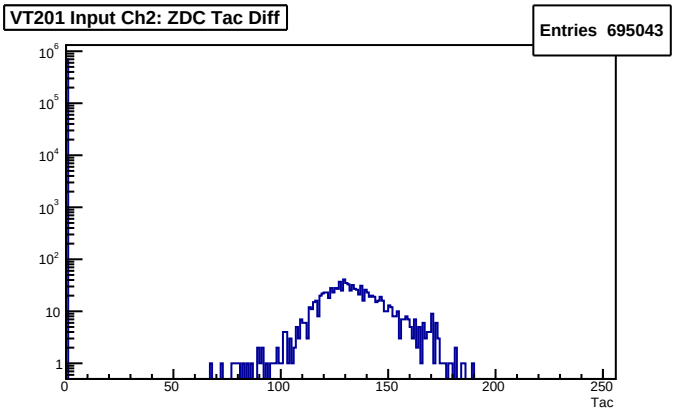

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

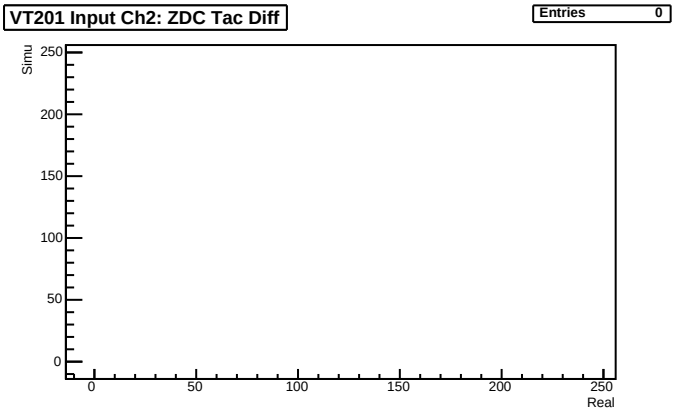

VT201 Input Ch1: EPD Tac Diff
Entries 695043
Tac

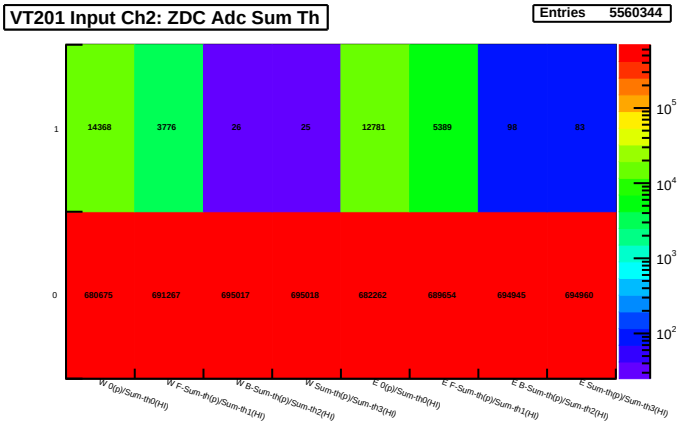

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

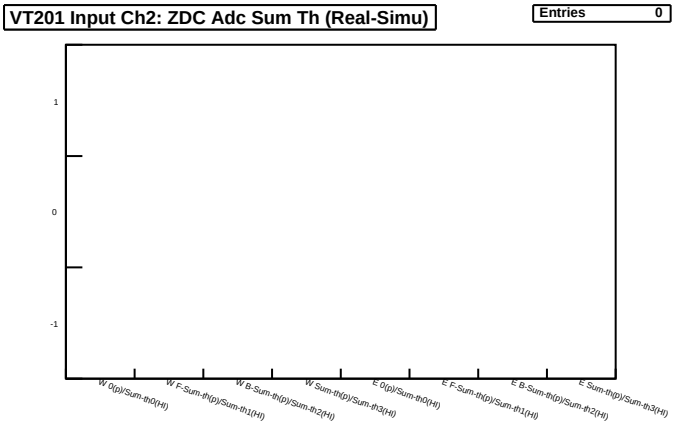

VT201 Input Ch1: EPD Hit Count Th
Entries 1390086
688812
687370
6231
7673
East
West

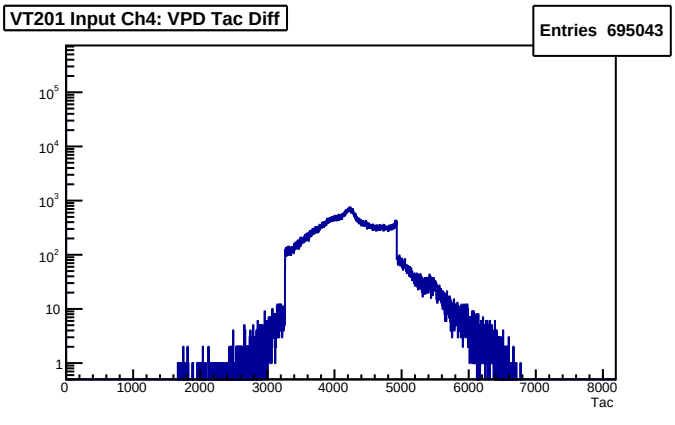

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

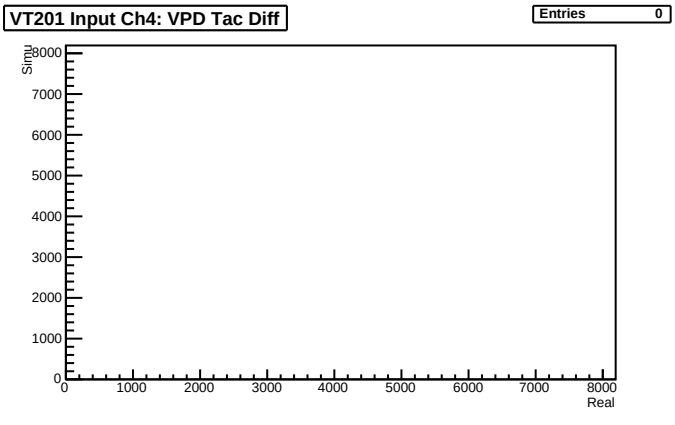

VT201 Input Ch2: ZDC Tac Diff
Entries 695043
Tac

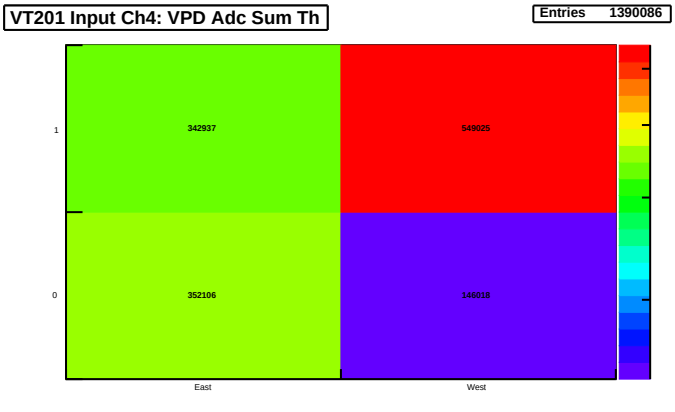

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

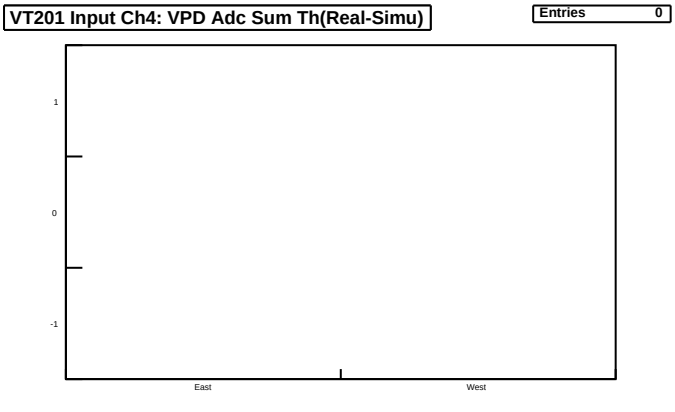

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5560344
14368
3776
26
25
12781
5389
98
83
680675
691267
695017
695018
682262
689654
694945
694960
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

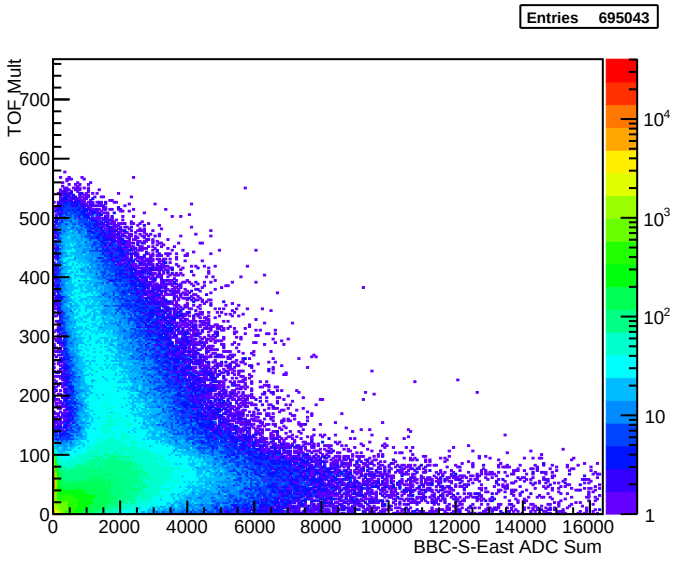

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

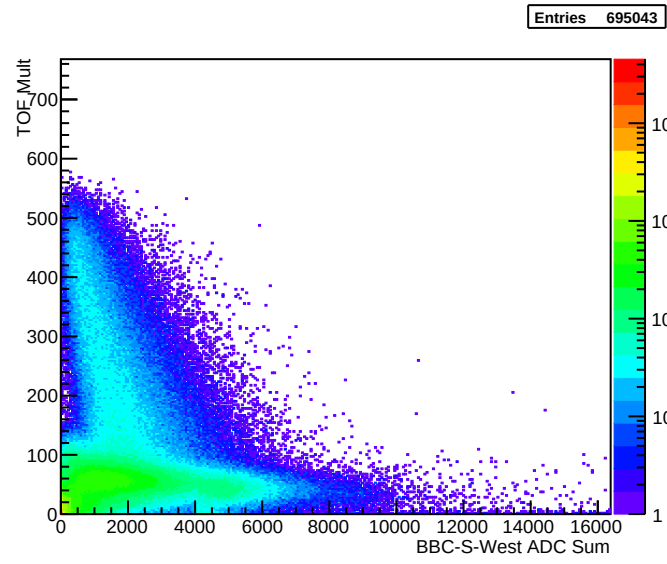

VT201 Input Ch4: VPD Tac Diff
Entries 695043
Tac

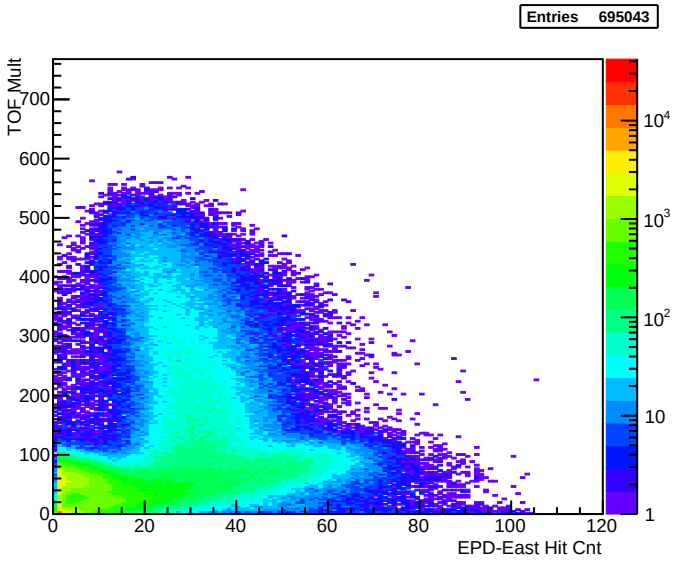

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

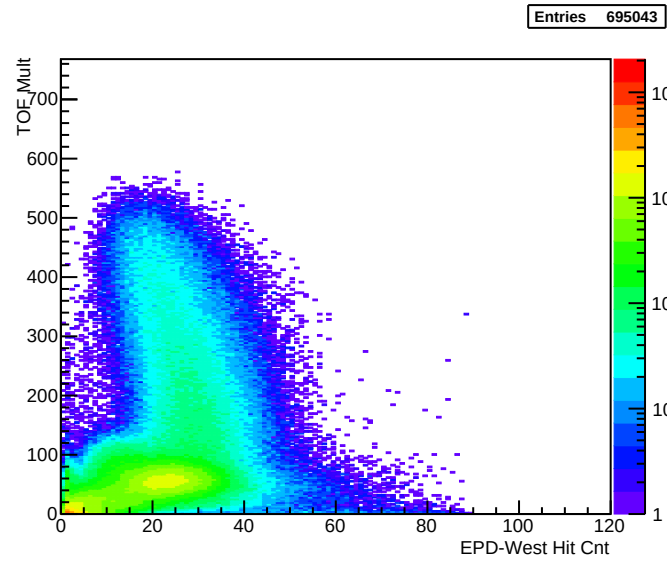

VT201 Input Ch4: VPD Adc Sum Th
Entries 1390086
342937
549025
352106
146018
East
West

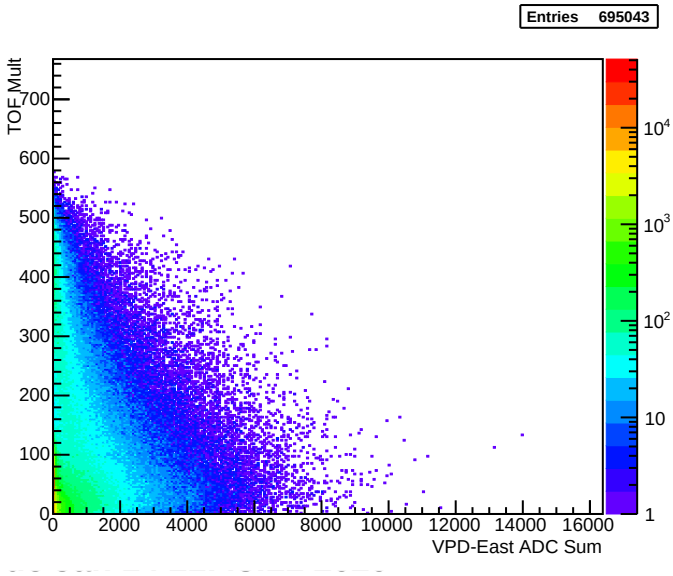

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

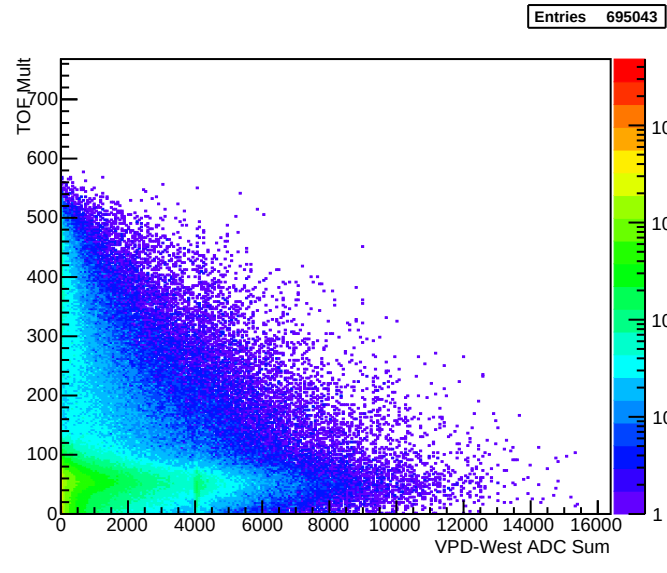

Entries 695043
TOF_Mult
BBC-S-East ADC Sum

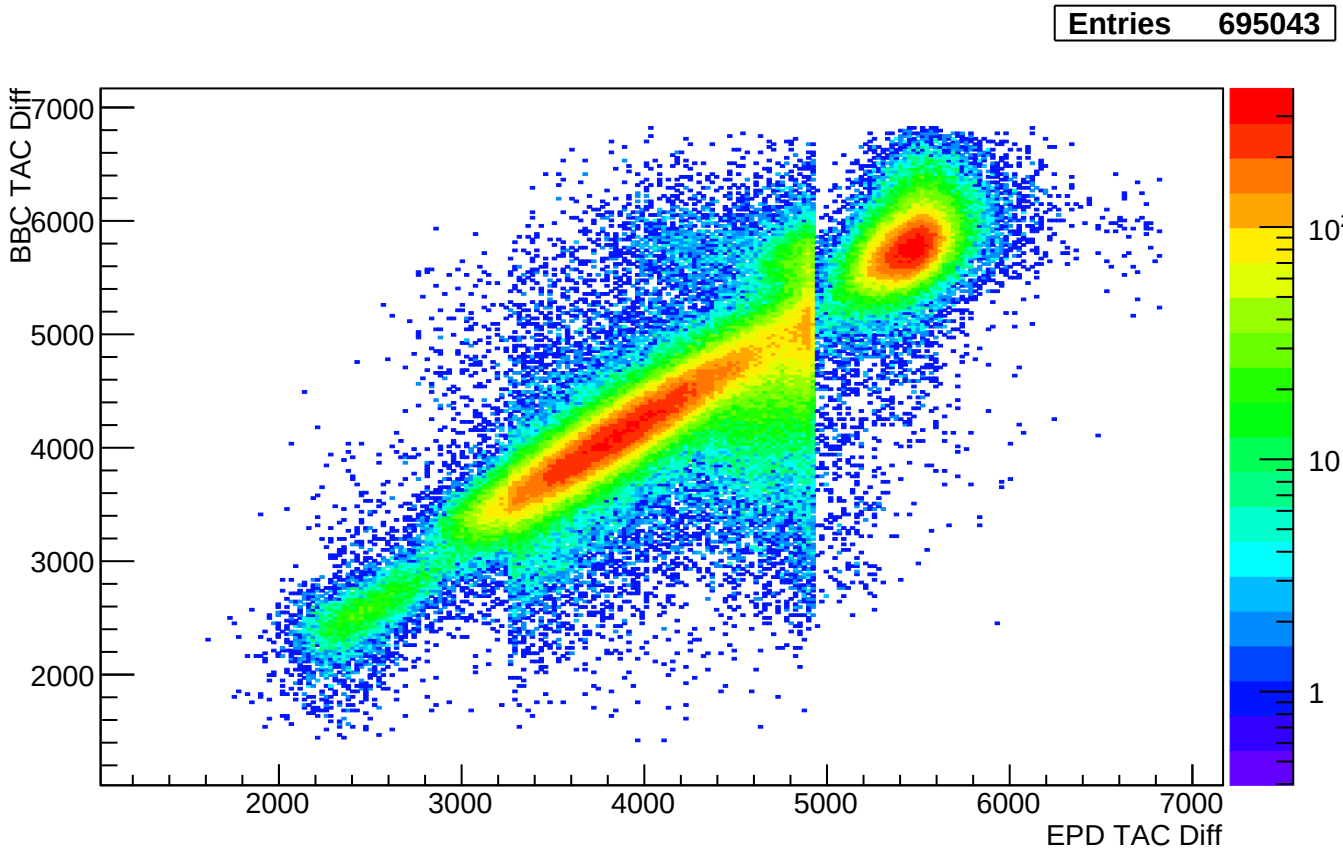

Entries 695043
TOF_Mult
BBC-S-West ADC Sum

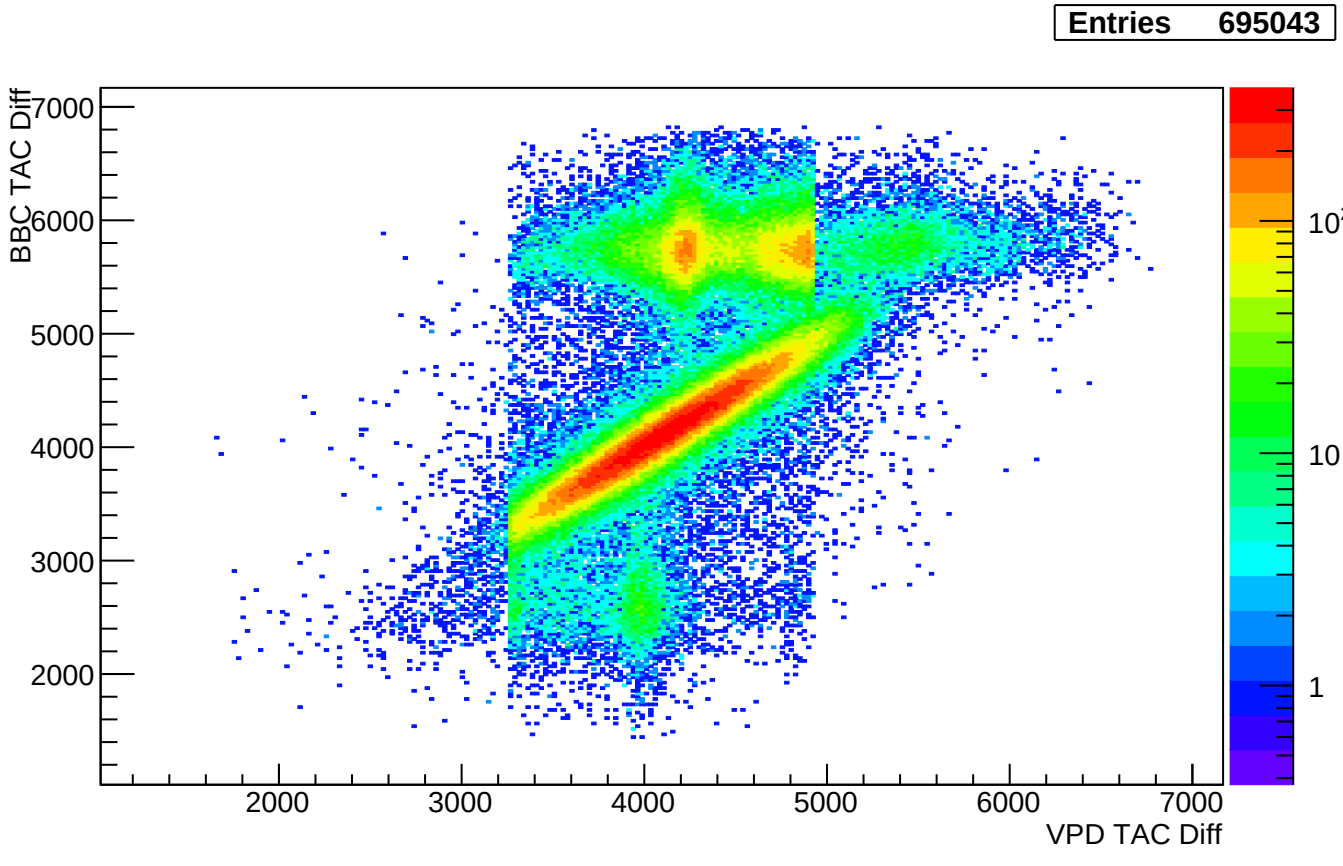

Entries 695043
TOF_Mult
EPD-East Hit Cnt

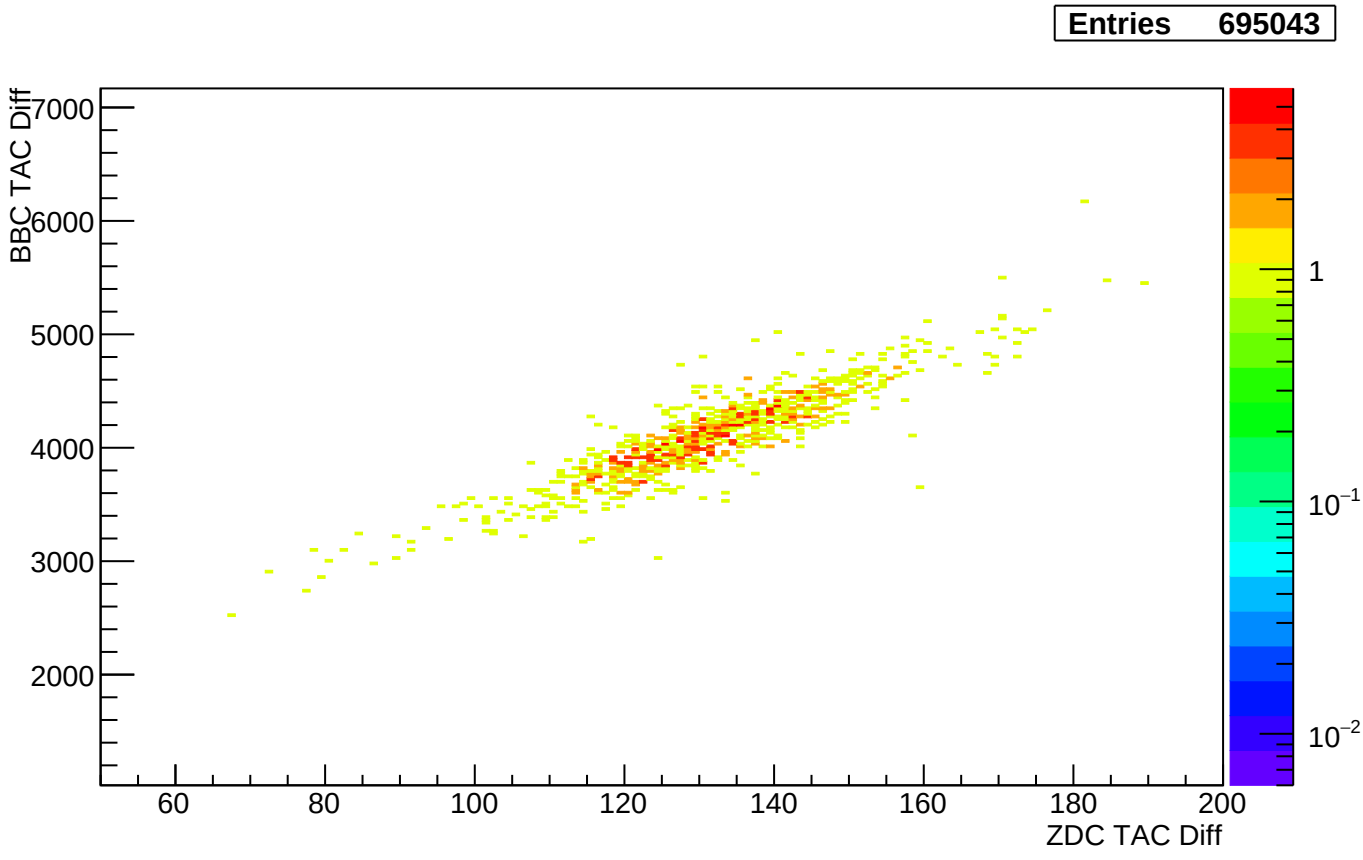

Entries 695043
TOF_Mult
EPD-West Hit Cnt

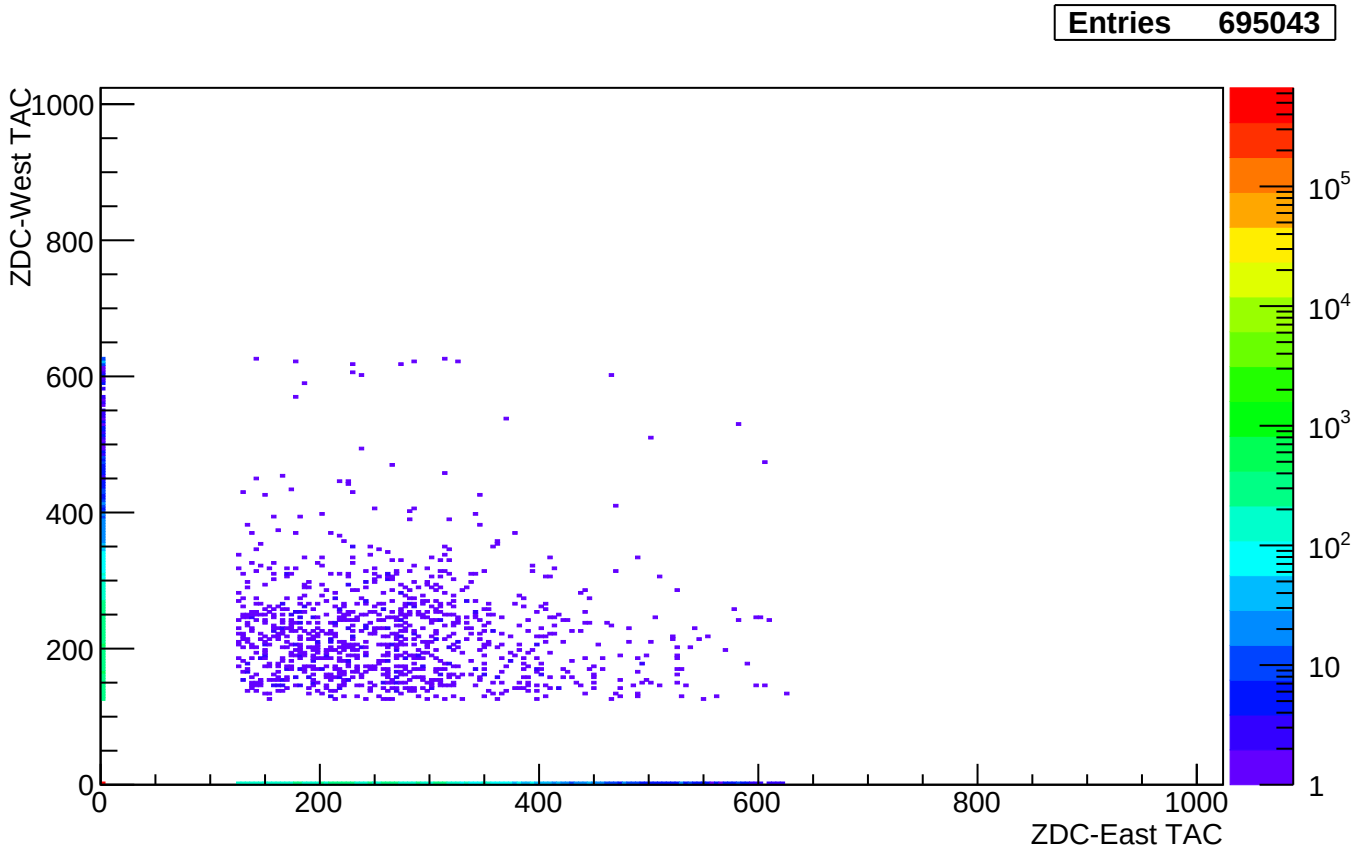

Entries 695043
TOF_Mult
VPD-East ADC Sum

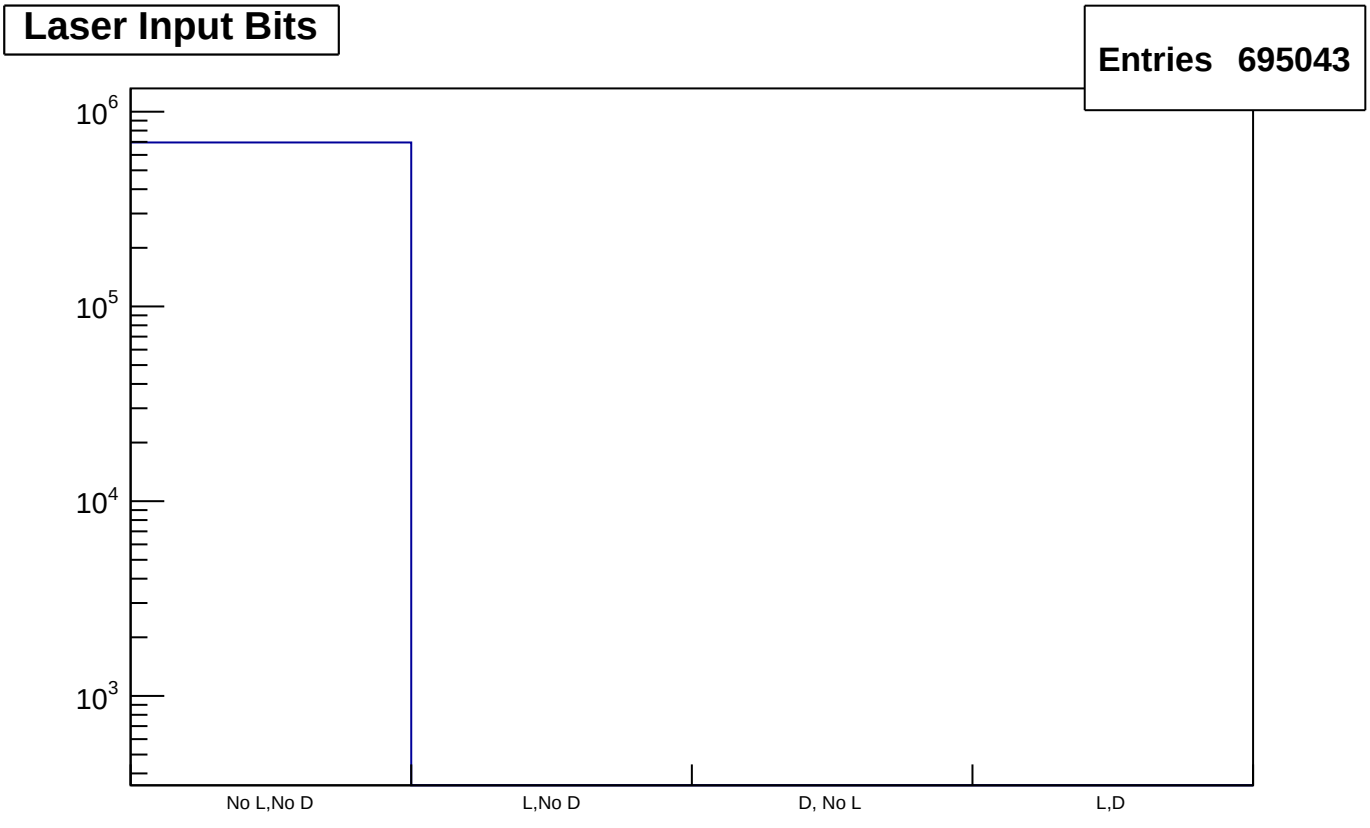

Entries 695043
TOF_Mult
VPD-West ADC Sum

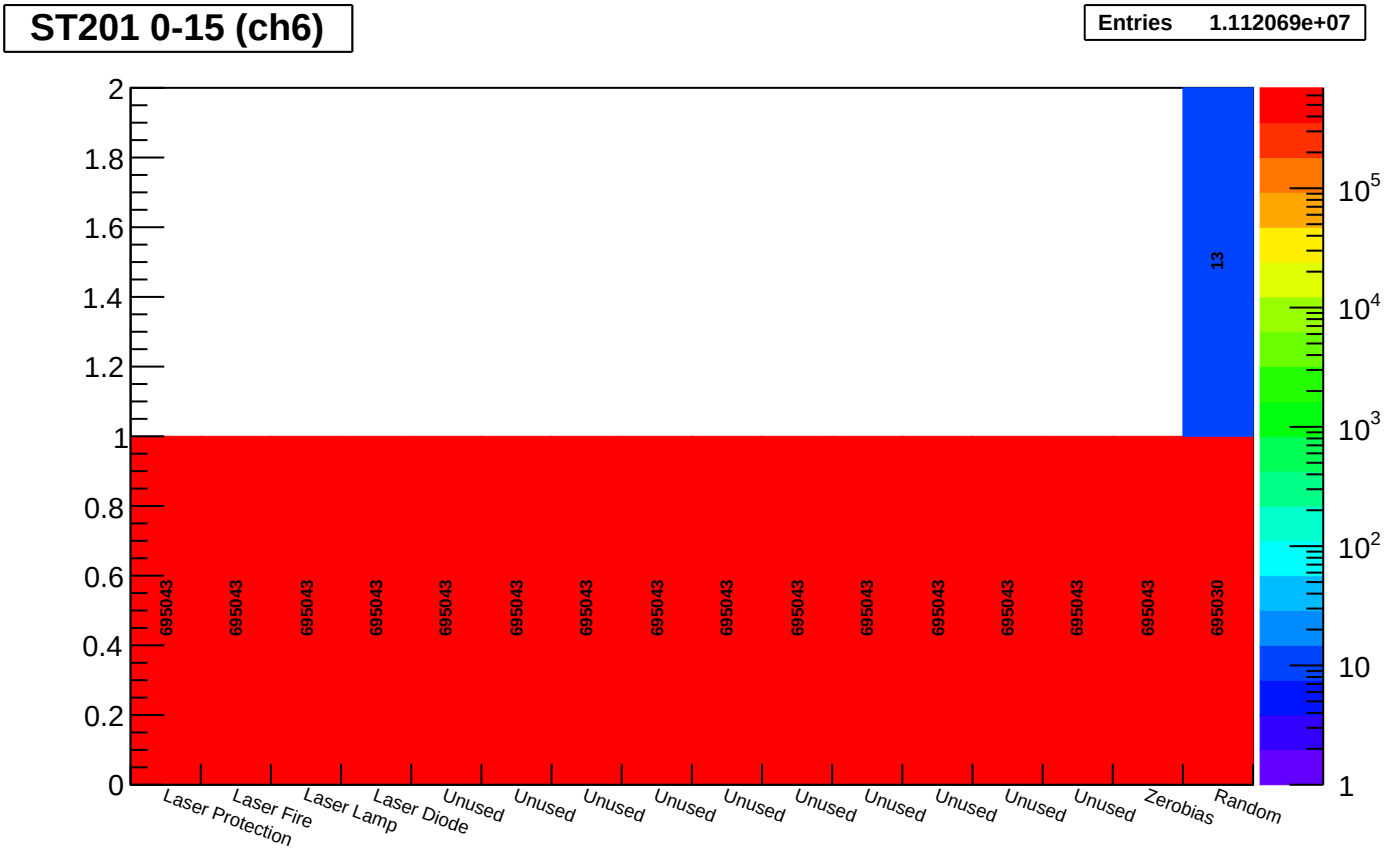

Entries 695043
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

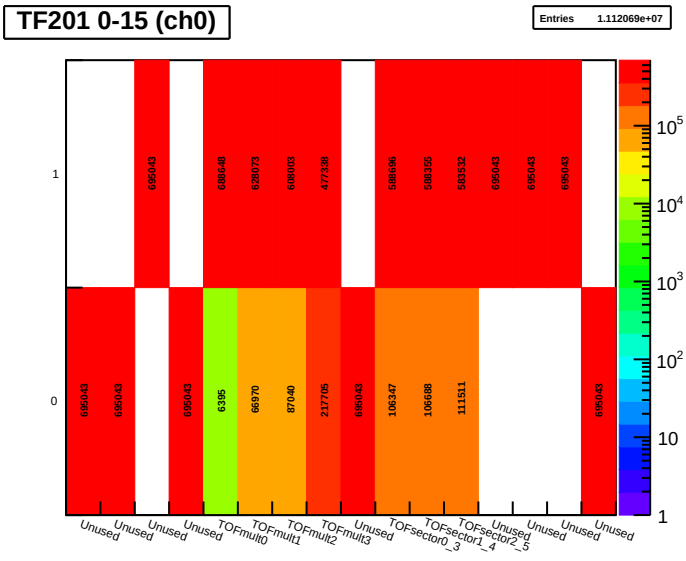

Entries 695043
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

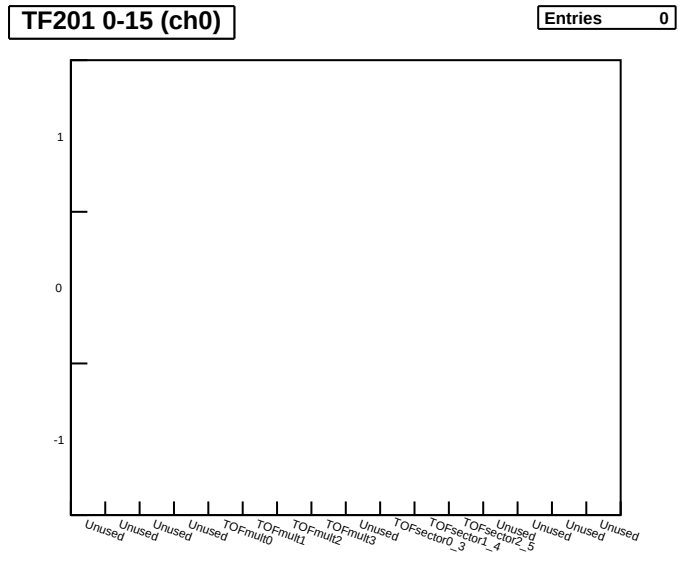

Entries 695043
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

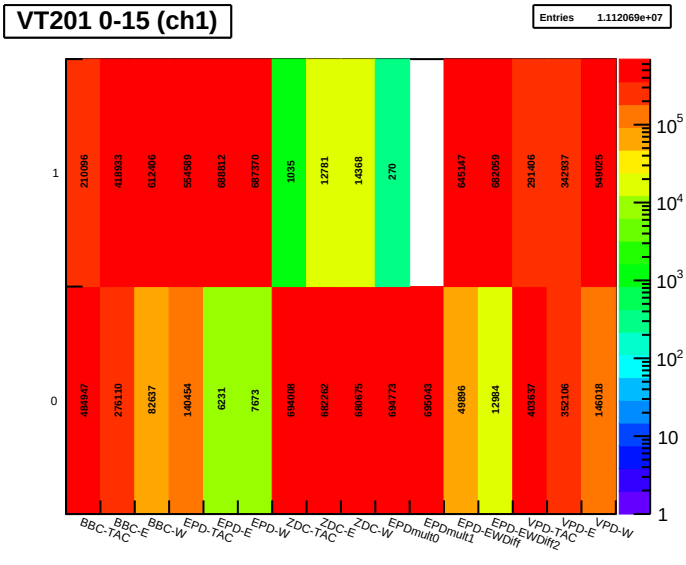

Entries 695043
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

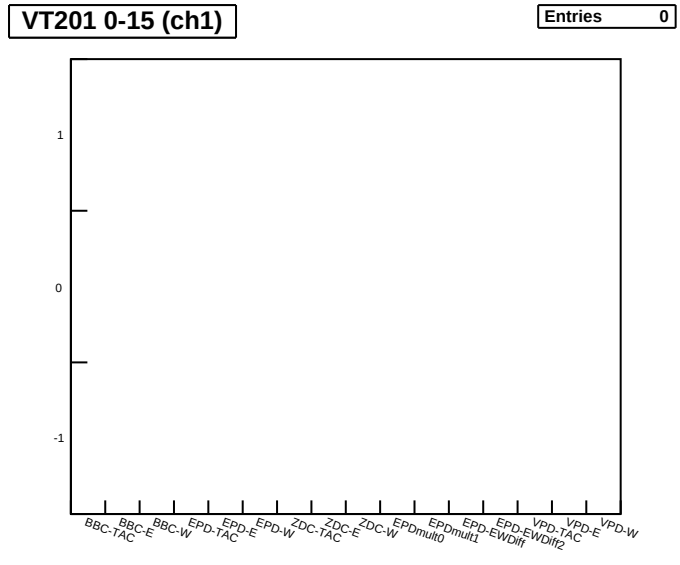

Laser Input Bits
Entries 695043
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

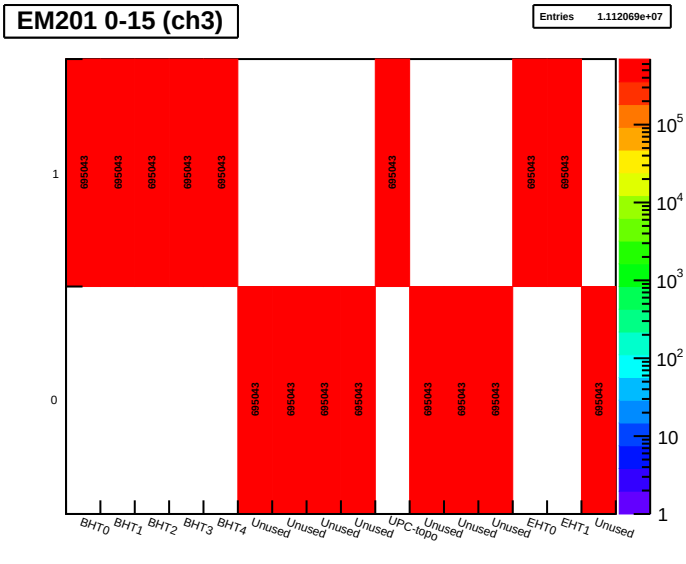

ST201 0-15 (ch6)
Entries 1.112069e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
695043
695043
695043
695043
695043
695043
695043
695043
695043
695043
695043
695043
695043
695043
695043
695030
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

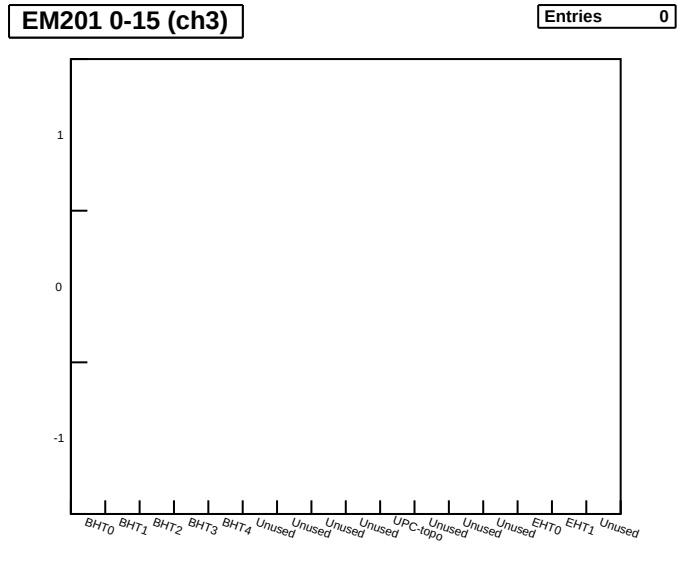

TF201 0-15 (ch0)
Entries 1.112069e+07
1
0
695043 695043 695043 6395 66970 87040 217705 695043 106347 106688 111511 695043
695043 628073 628003 477338 588696 588355 583532 695043 695043 695043
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 1.112069e+07
1
0
210056 418933 612406 554589 668812 687370 1035 12781 14368 270 645147 682059 291406 342937 549025
484947 276110 82637 140454 6231 7673 694008 682262 680675 694773 695043 49896 12984 403537 352106 146018
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 1.112069e+07
1
0
695043 695043 695043 695043 695043 695043 695043 695043
695043 695043 695043 695043 695043 695043 695043 695043
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