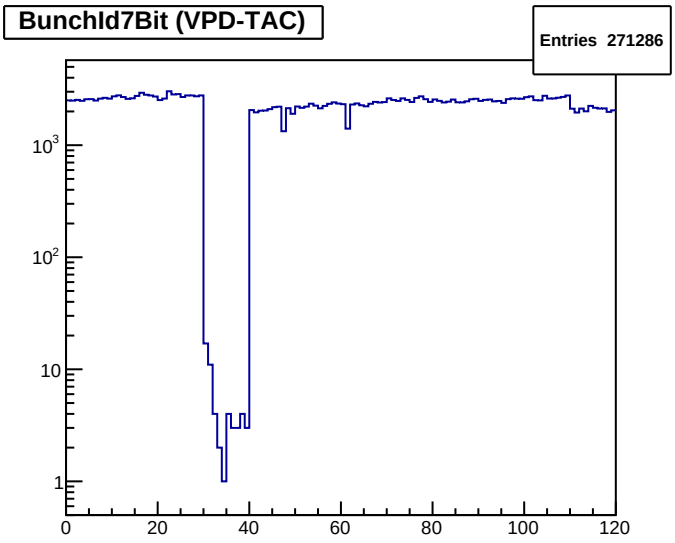
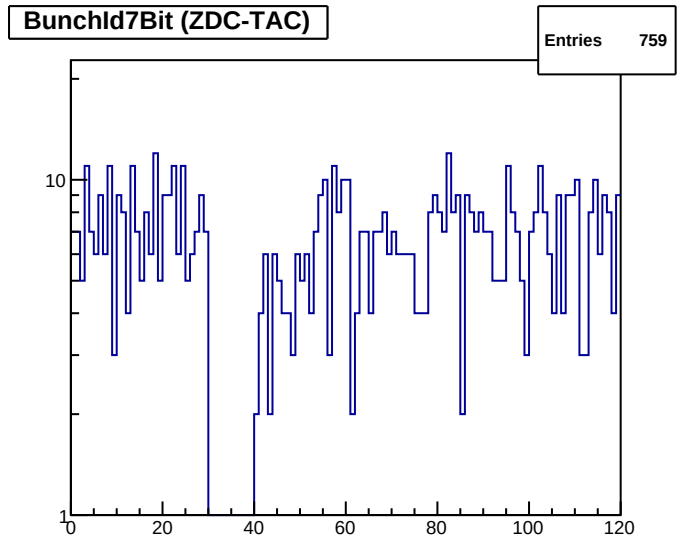
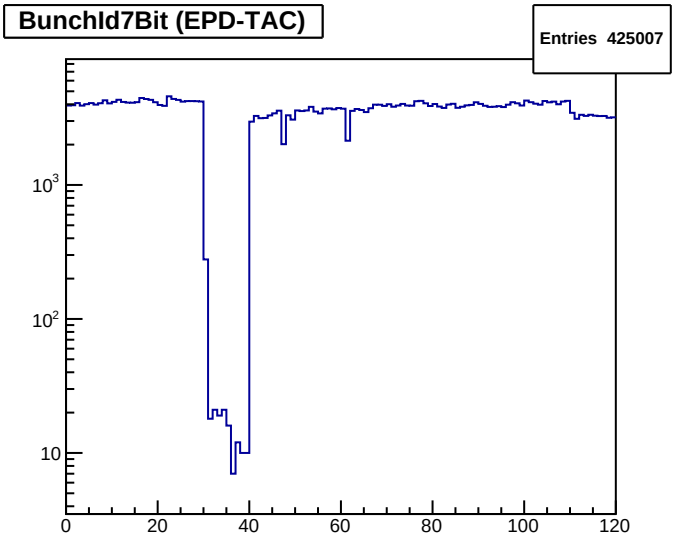
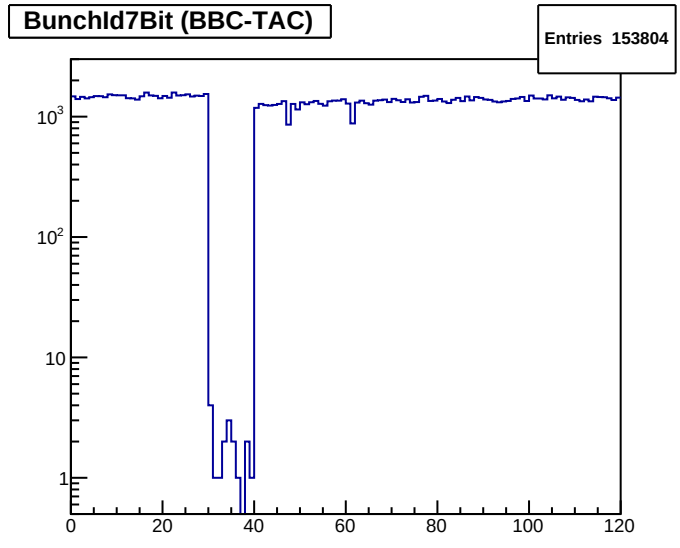
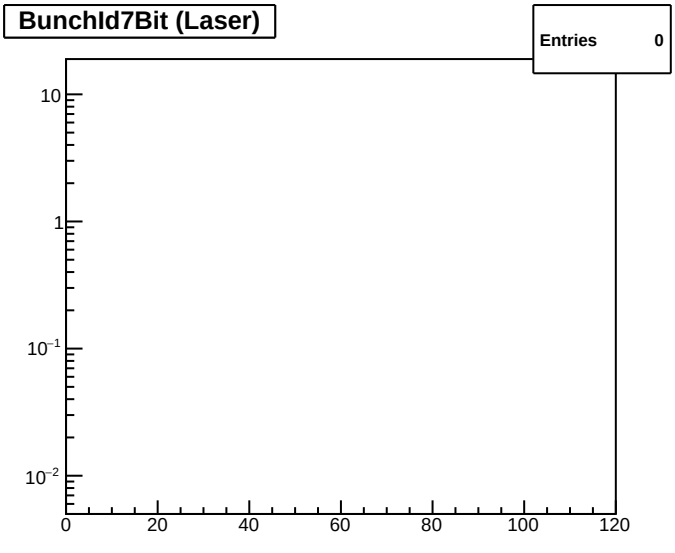
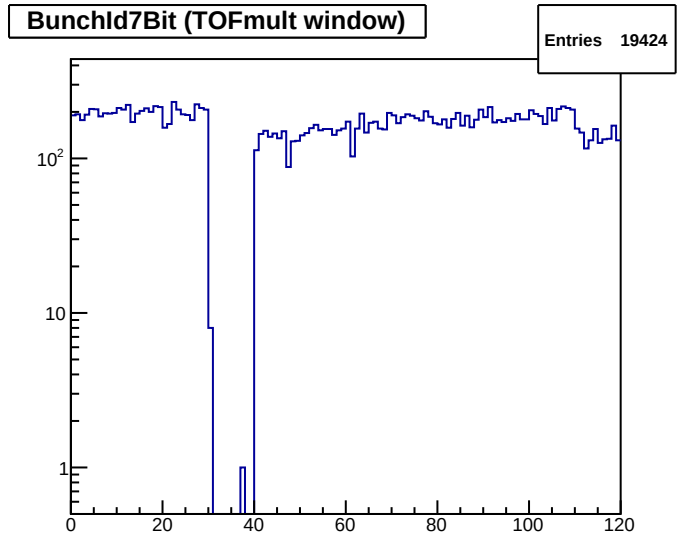

BunchId7Bit (VPD-TAC)
Entries 271286

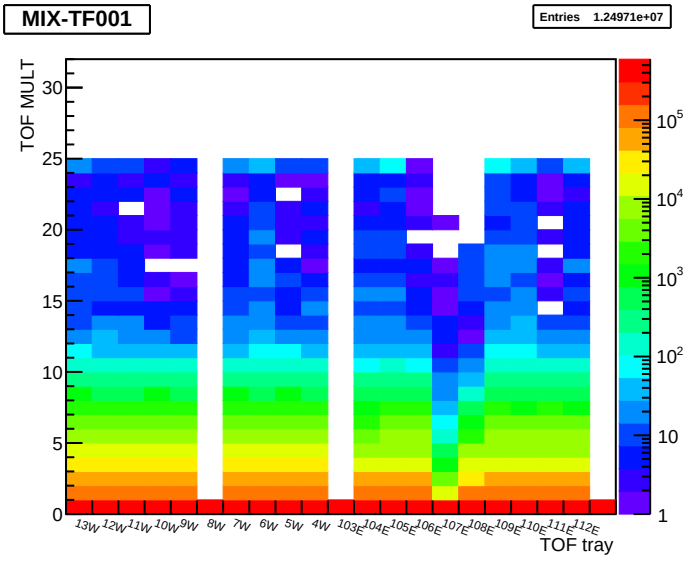

BunchId7Bit (ZDC-TAC)
Entries 759

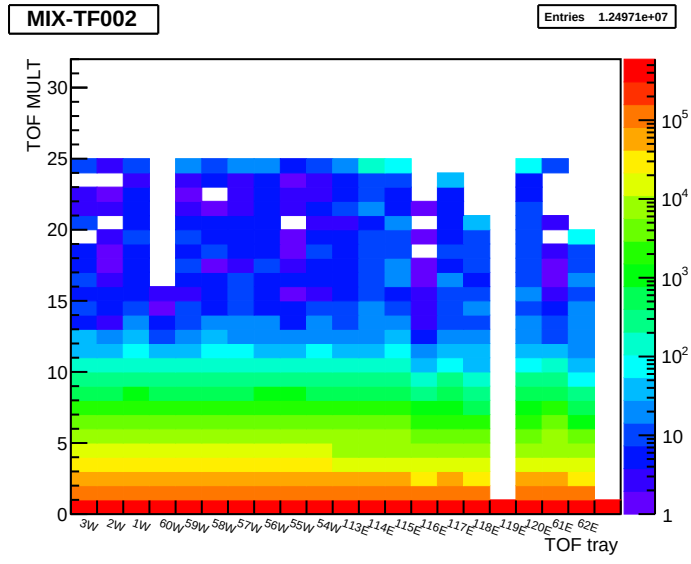

BunchId7Bit (EPD-TAC)
Entries 425007

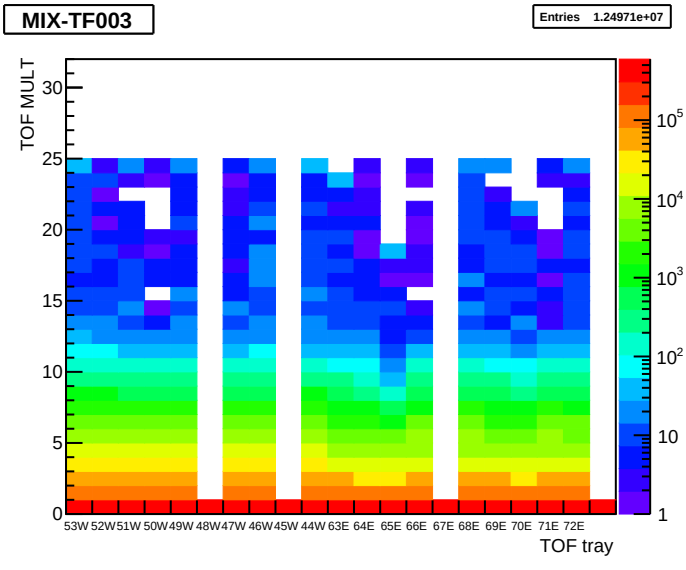

BunchId7Bit (BBC-TAC)
Entries 153804

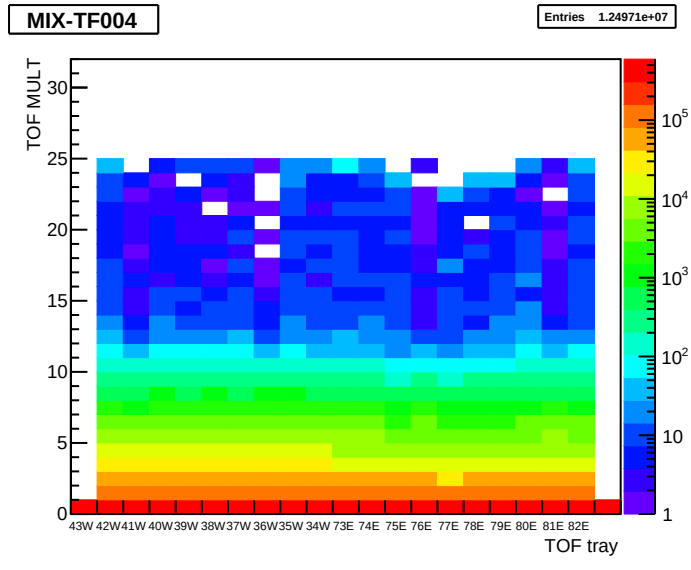

BunchId7Bit (Laser)
Entries 0

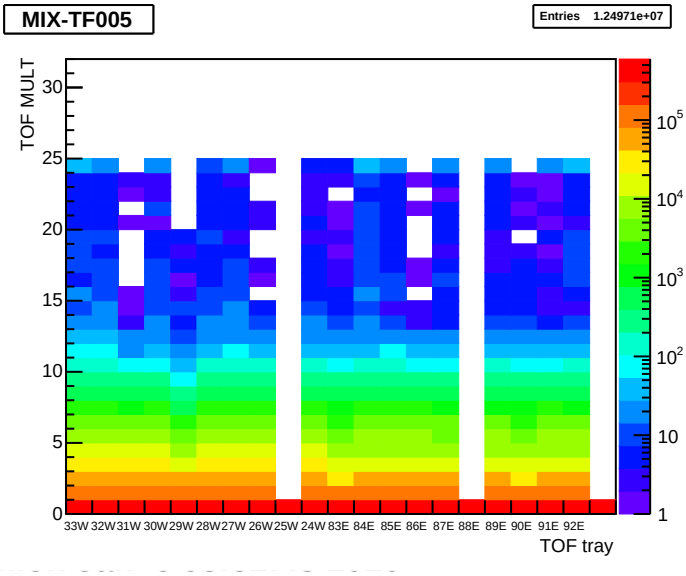

BunchId7Bit (TOFmult window)
Entries 19424

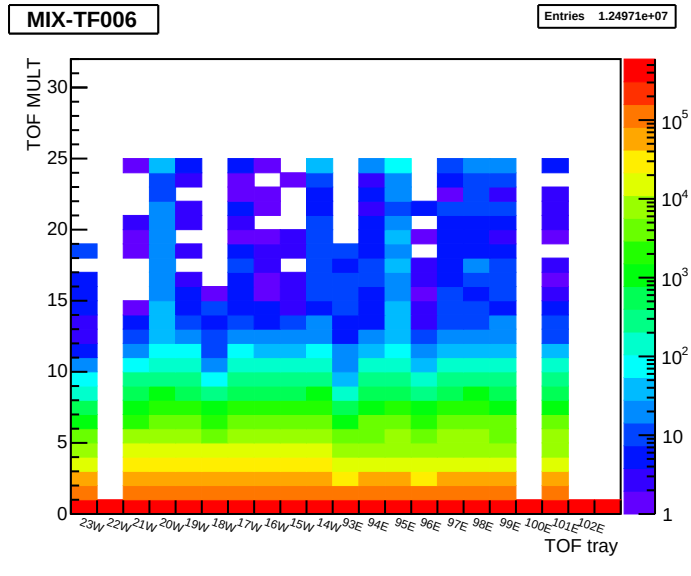

MIX-TF001
Entries 1.24971e+07
TOF MULT
TOF tray

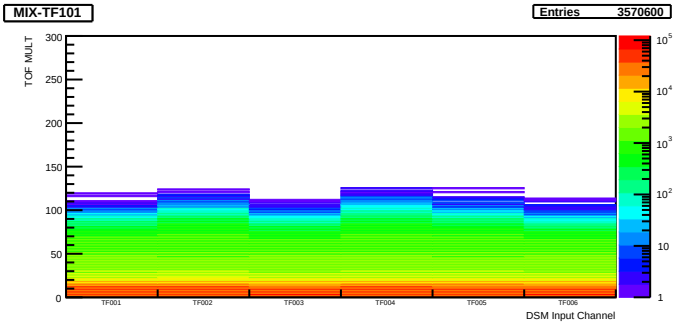

MIX-TF002
Entries 1.24971e+07
TOF MULT
TOF tray

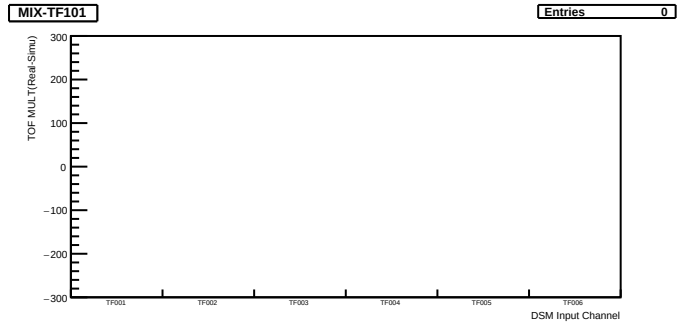

MIX-TF003
Entries 1.24971e+07
TOF MULT
TOF tray

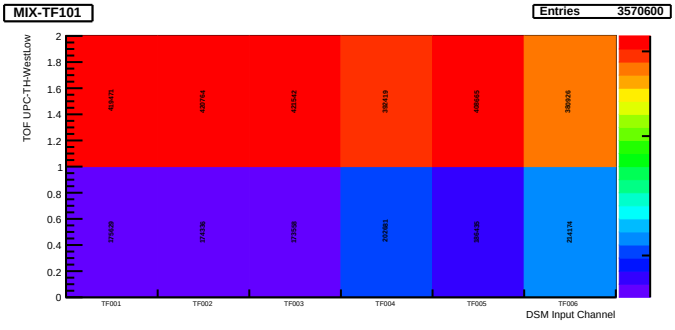

MIX-TF004
Entries 1.24971e+07
TOF MULT
TOF tray

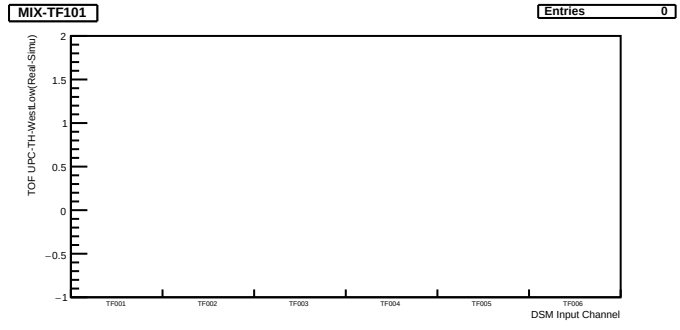

MIX-TF005
Entries 1.24971e+07
TOF MULT
TOF tray

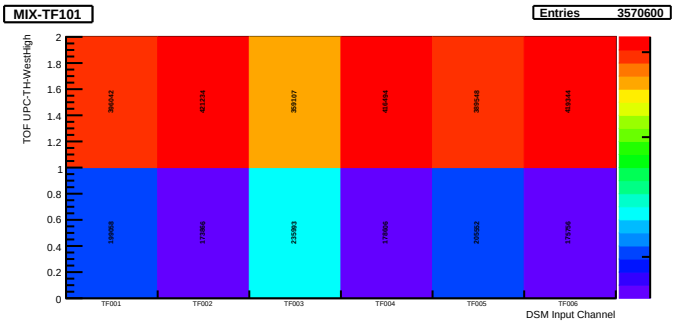

MIX-TF006
Entries 1.24971e+07
TOF MULT
TOF tray

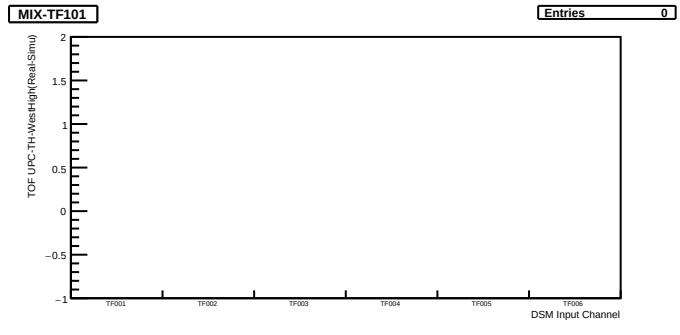

MIX-TF101
Entries 3570600
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

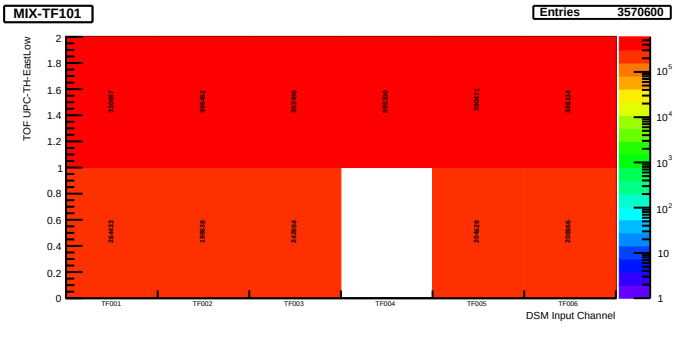

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

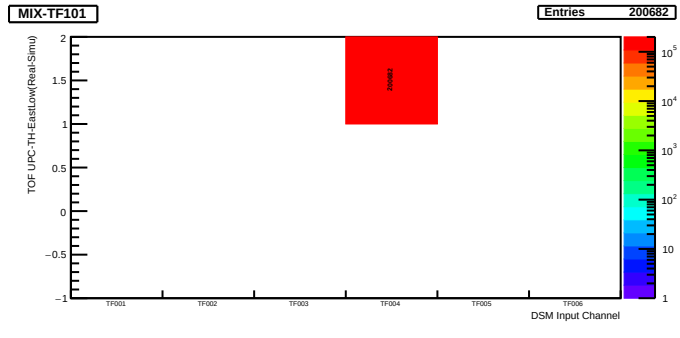

MIX-TF101
Entries 3570600
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

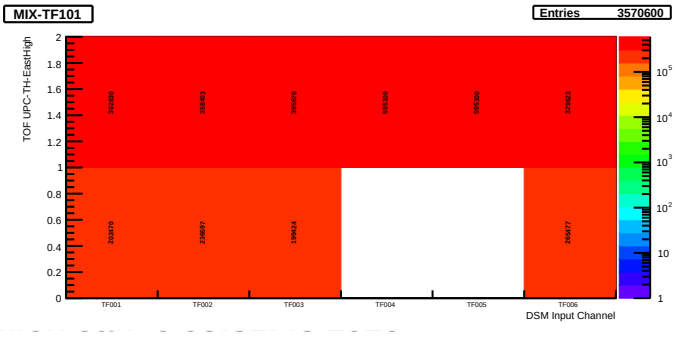

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

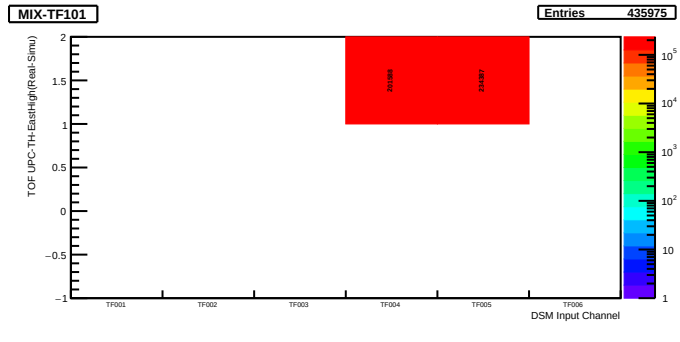

MIX-TF101
Entries 3570600
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

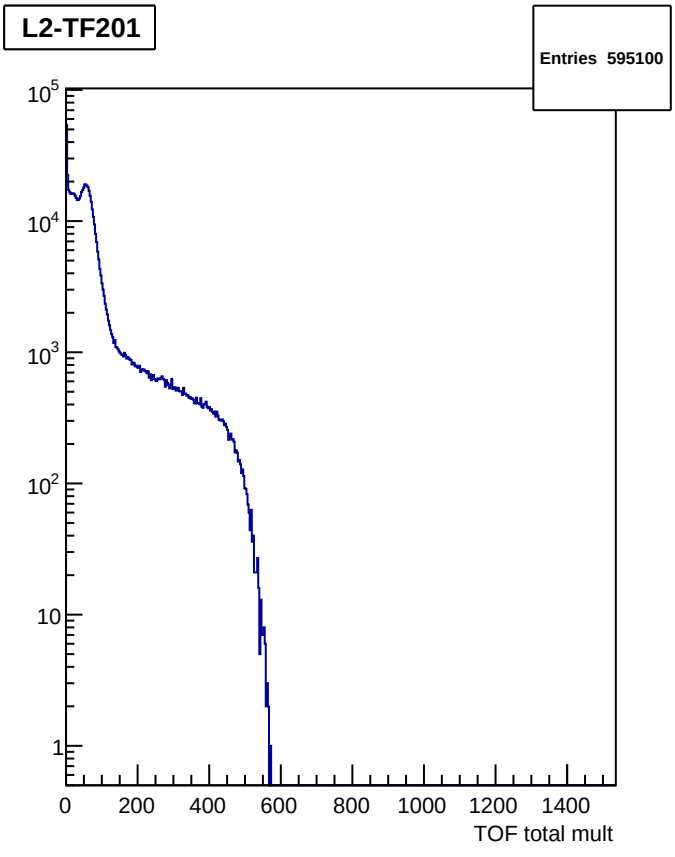

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

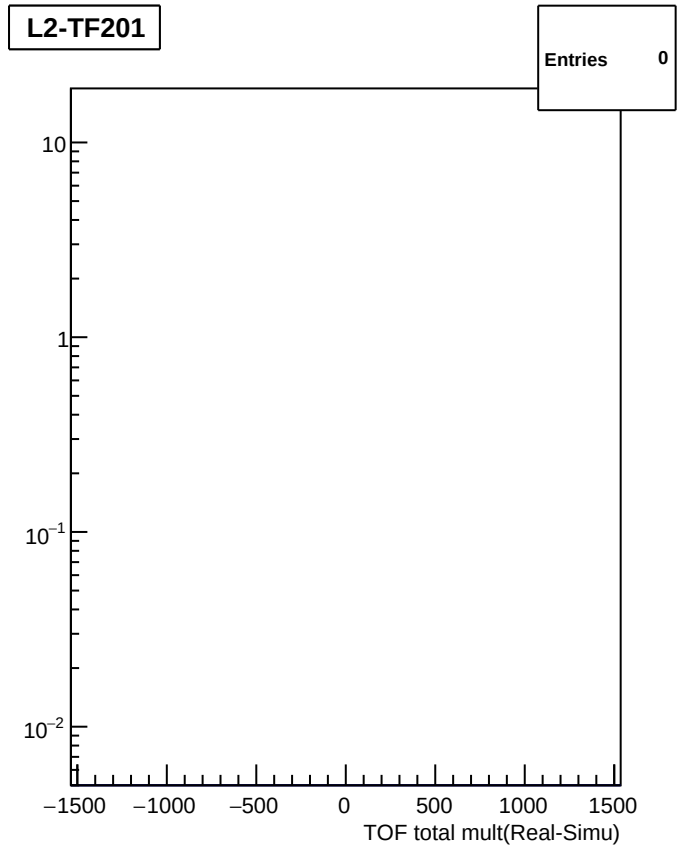

MIX-TF101
Entries 3570600
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

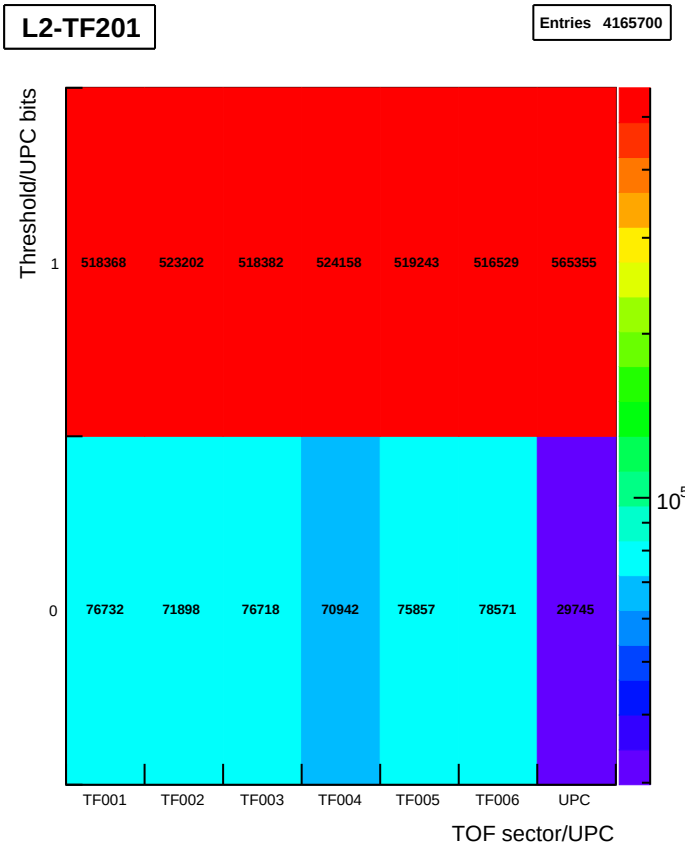

MIX-TF101
Entries 200682
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

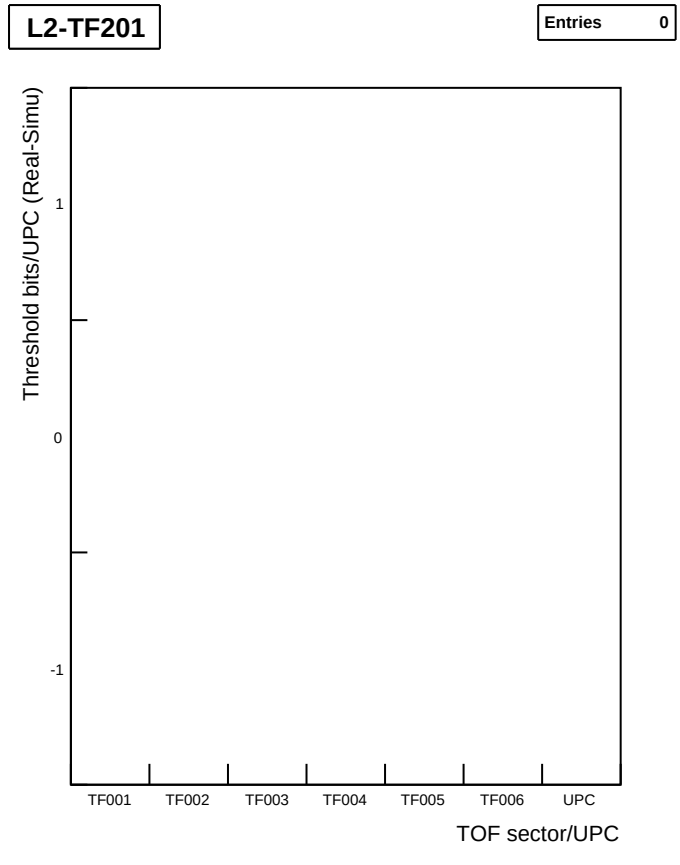

MIX-TF101
Entries 3570600
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

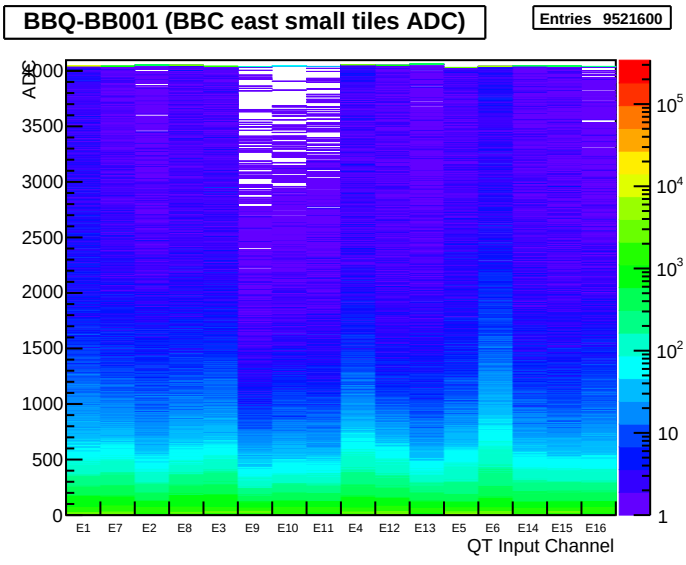

MIX-TF101
Entries 435975
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

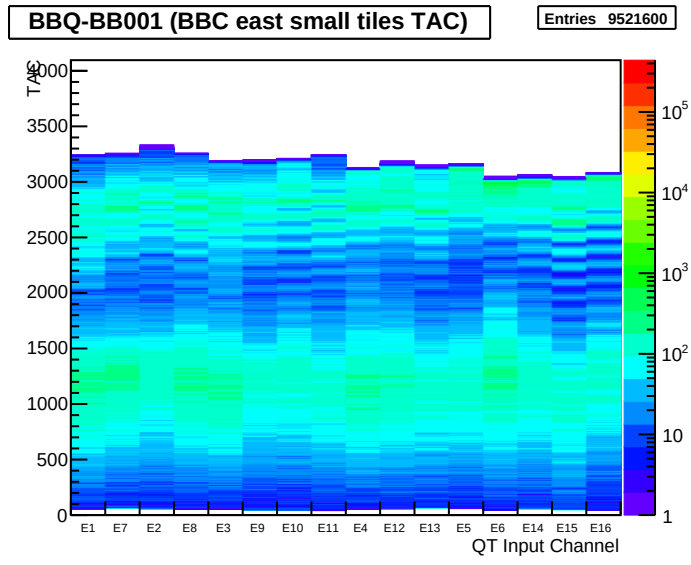

L2-TF201
Entries 595100
TOF total mult

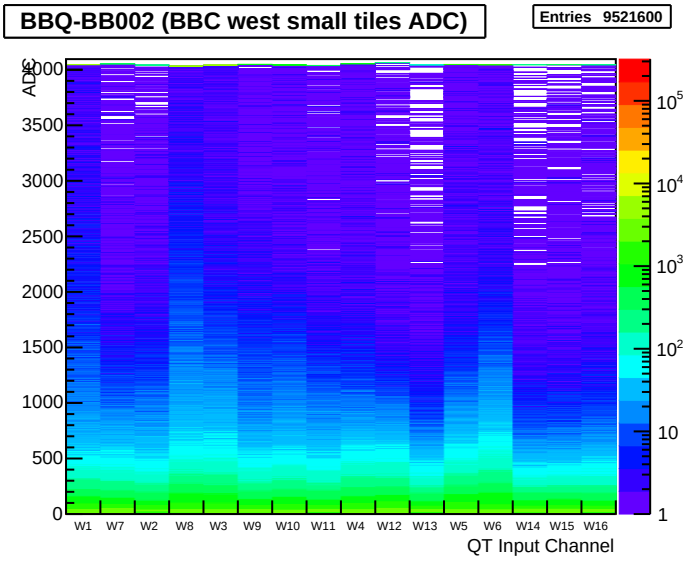

L2-TF201
Entries 0
TOF total mult(Real-Simu)

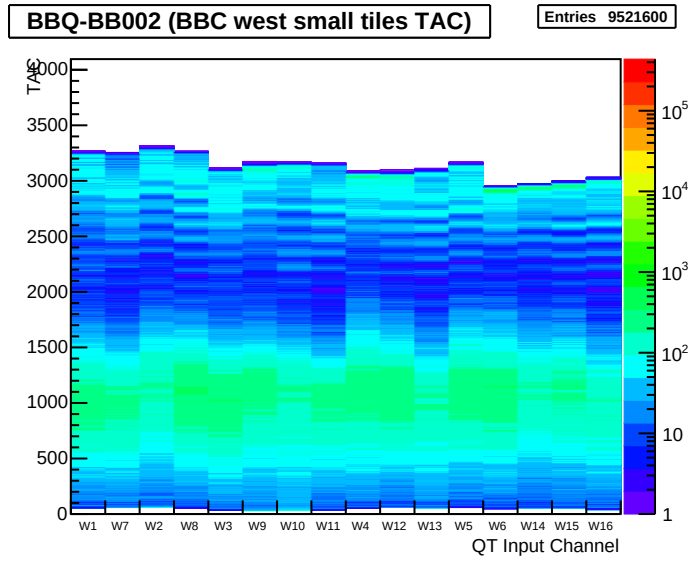

L2-TF201
Entries 4165700
Threshold/UPC bits
518368
523202
518382
524158
519243
516529
565355
76732
71898
76718
70942
75857
78571
29745
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

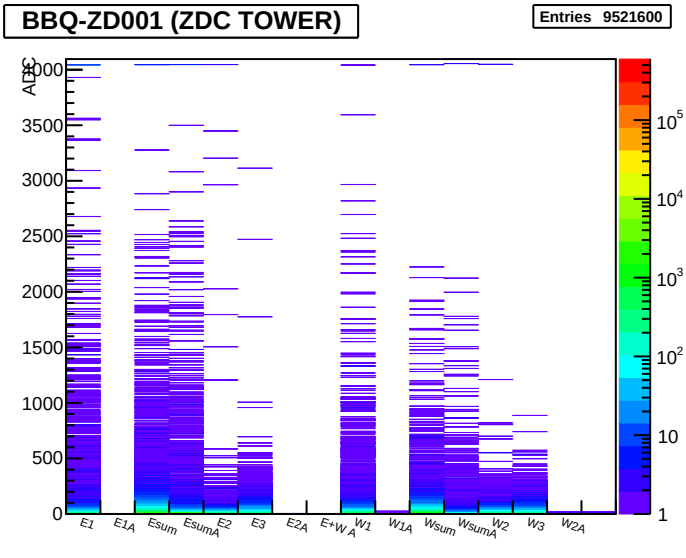

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

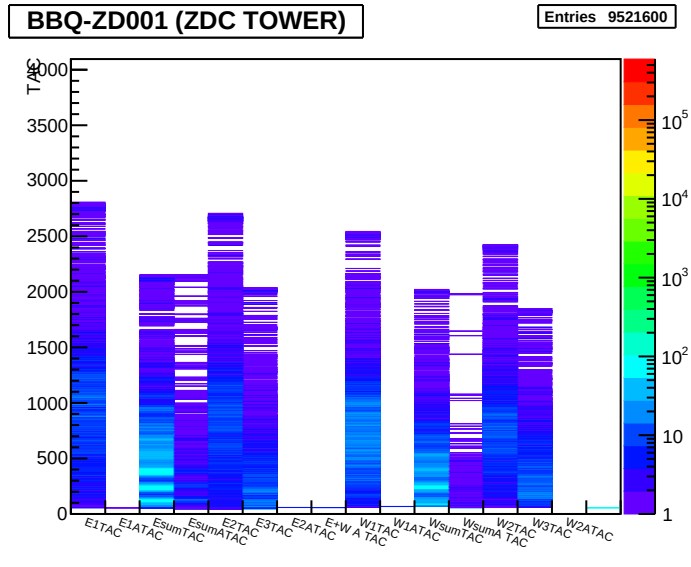

BBQ-BB001 (BBC east small tiles ADC)
Entries 9521600
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

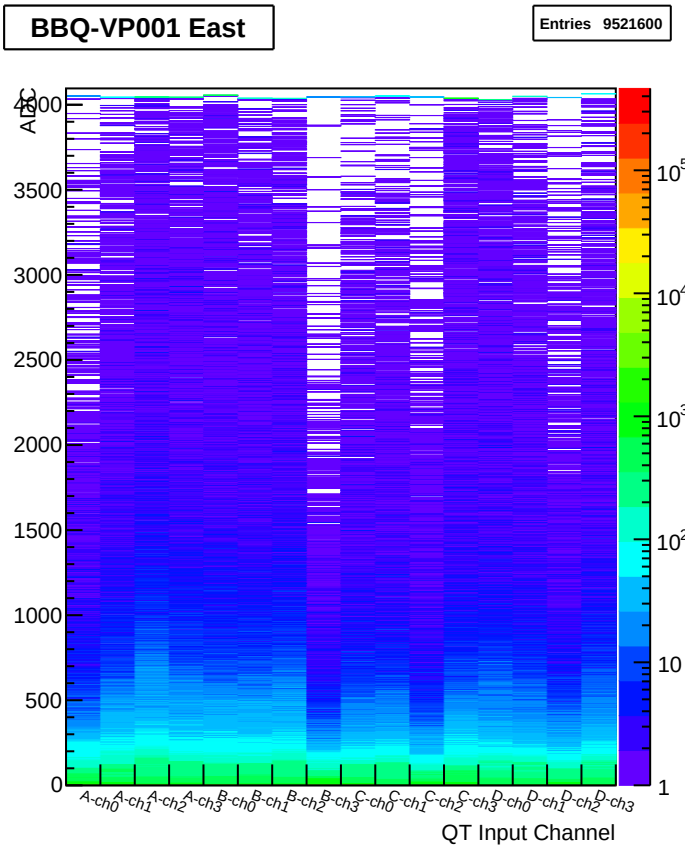

BBQ-BB001 (BBC east small tiles TAC)
Entries 9521600
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

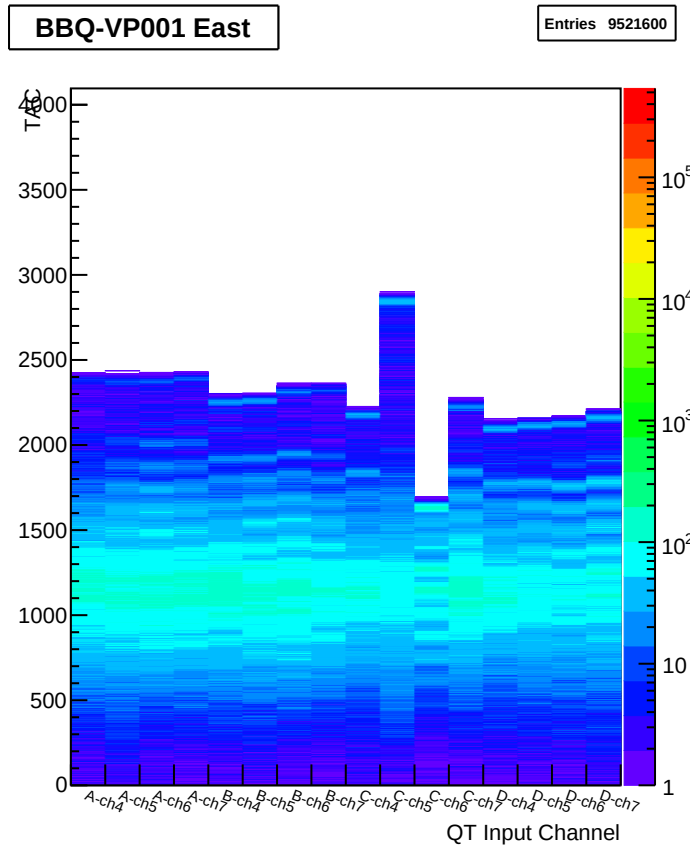

BBQ-BB002 (BBC west small tiles ADC)
Entries 9521600
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

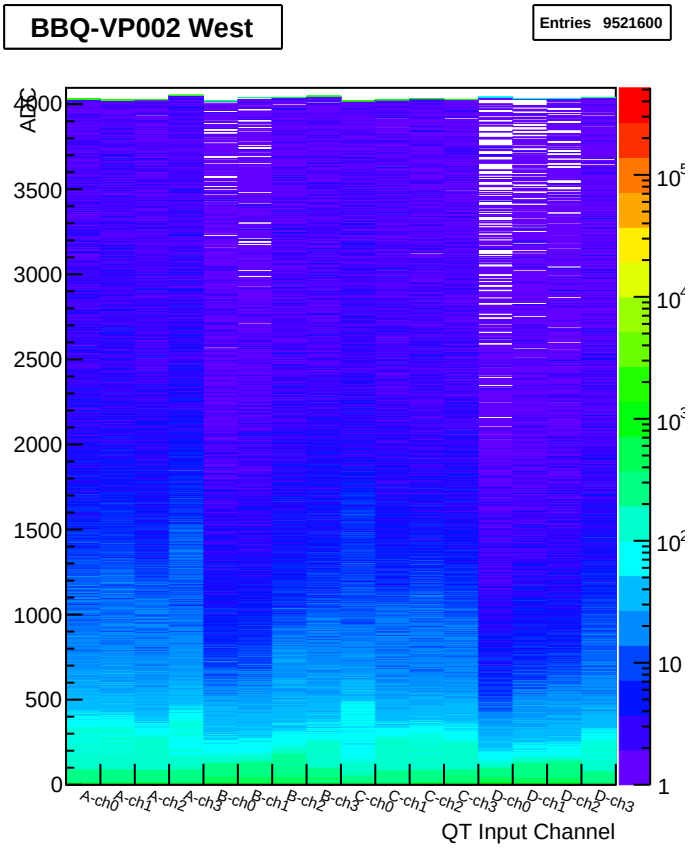

BBQ-BB002 (BBC west small tiles TAC)
Entries 9521600
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

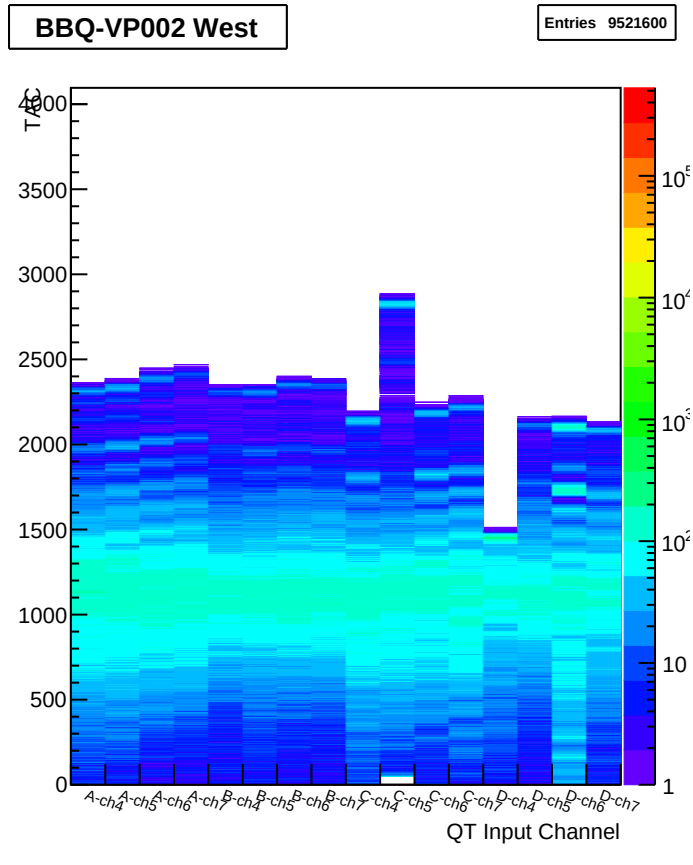

BBQ-ZD001 (ZDC TOWER)
Entries 9521600
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

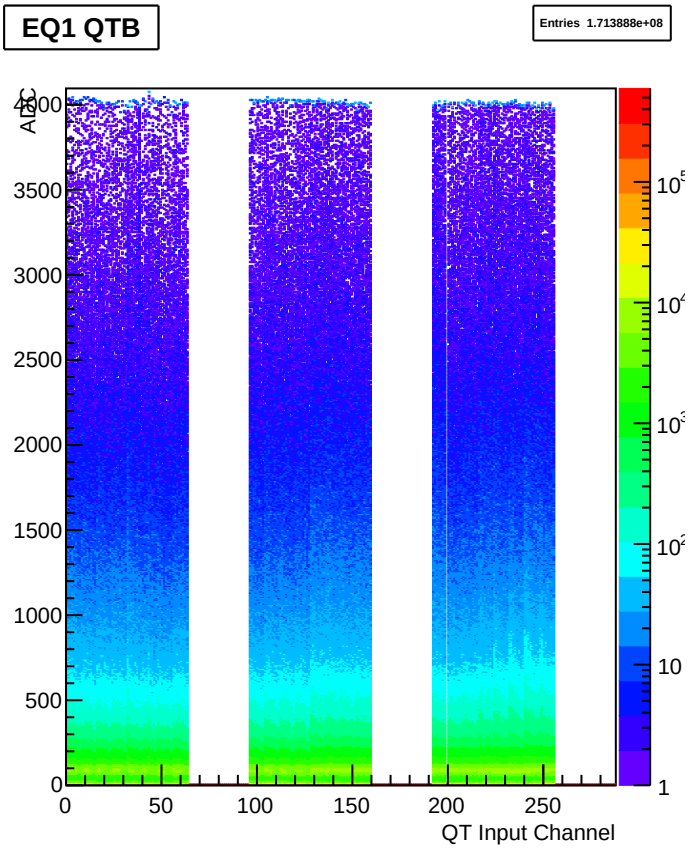

BBQ-ZD001 (ZDC TOWER)
Entries 9521600
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

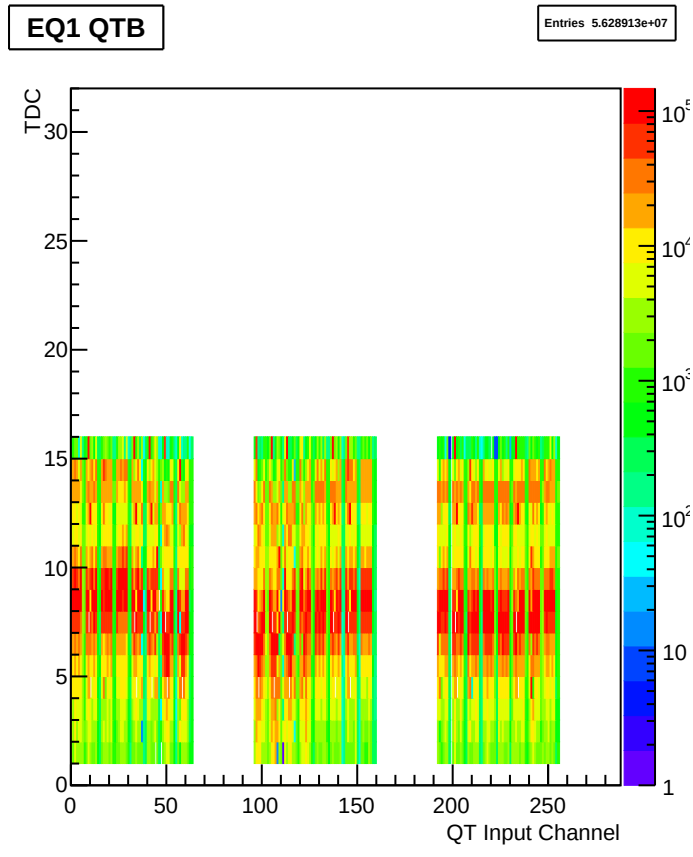

BBQ-VP001 East
Entries 9521600
ADC
QT Input Channel

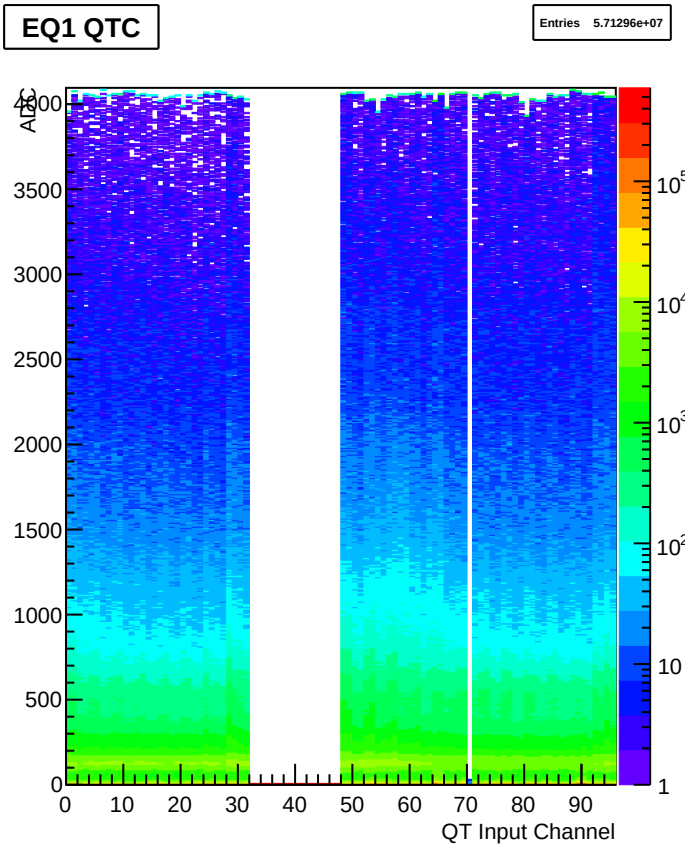

BBQ-VP001 East
Entries 9521600
ADC
QT Input Channel

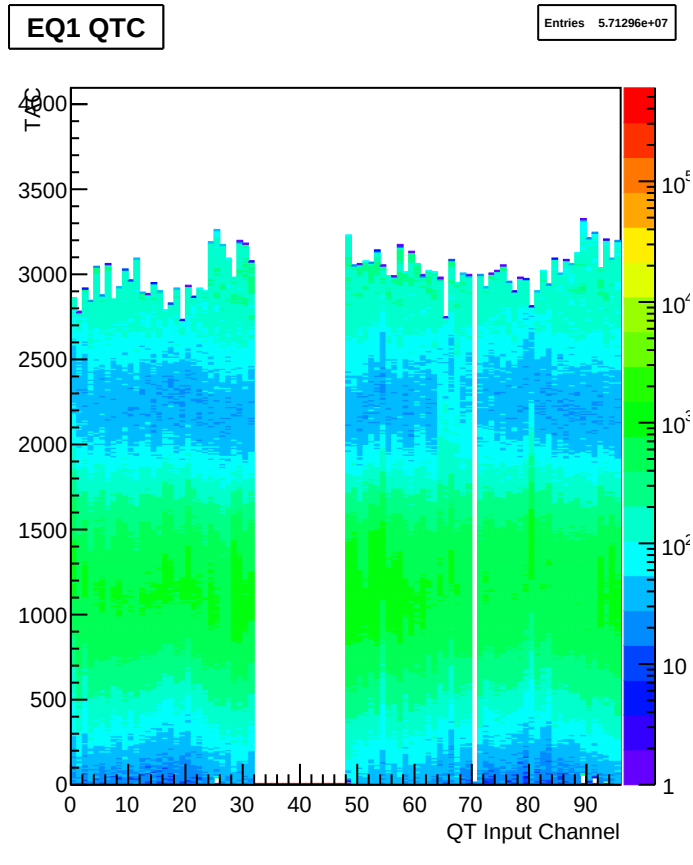

BBQ-VP002 West
Entries 9521600
ADC
QT Input Channel

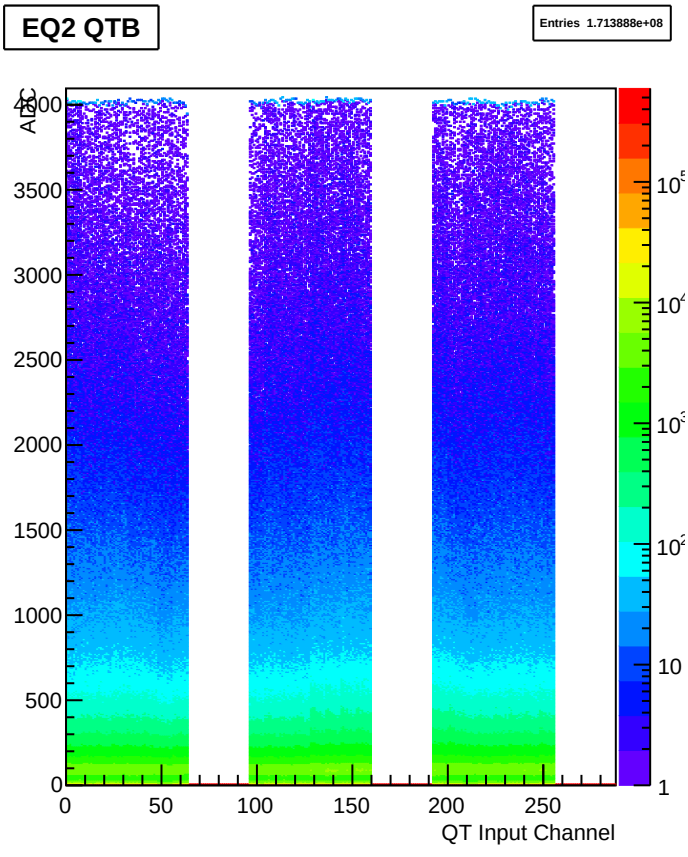

BBQ-VP002 West
Entries 9521600
ADC
QT Input Channel

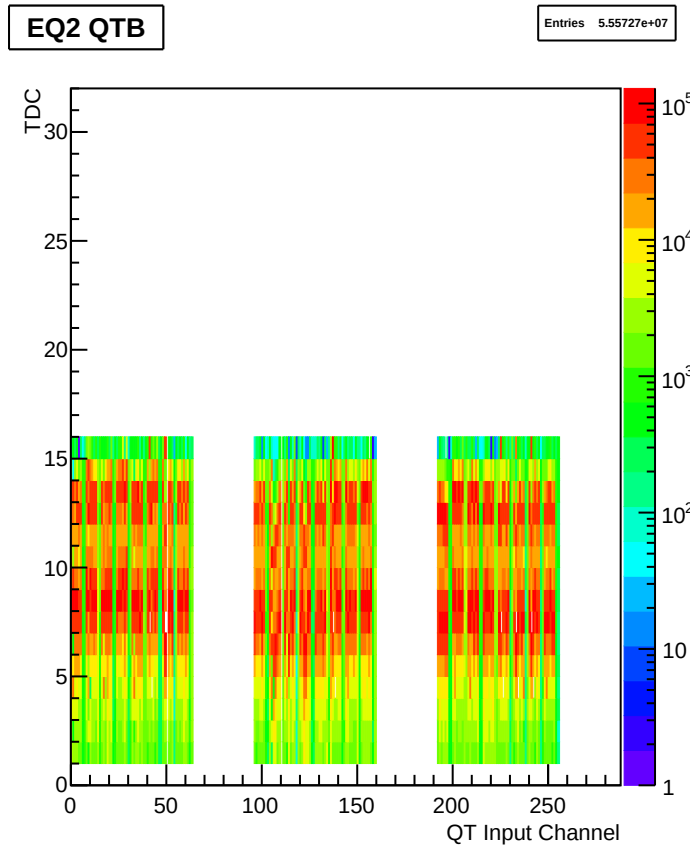

EQ1 QTB
Entries 1.713888e+08
ADC
QT Input Channel

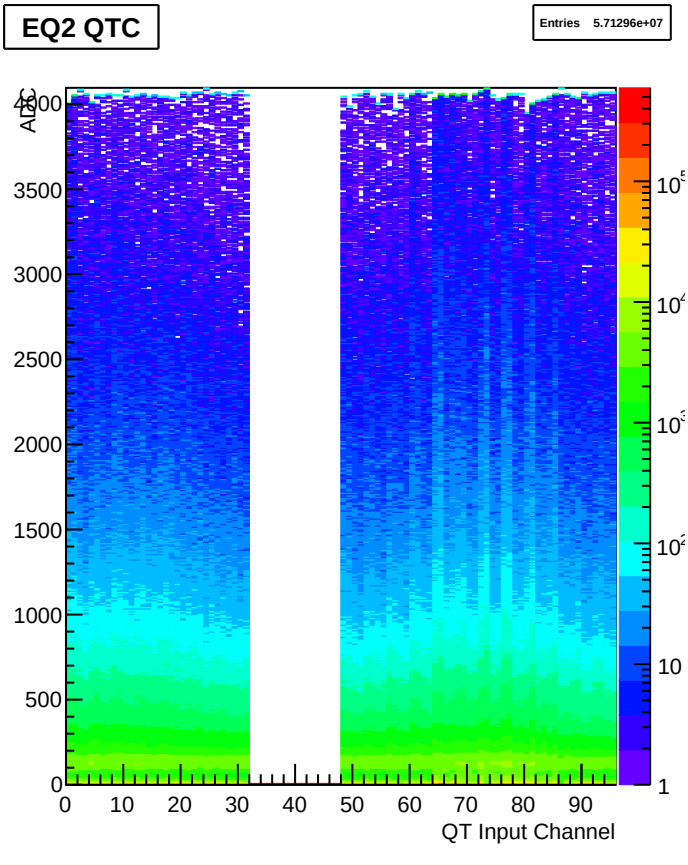

EQ1 QTB
Entries 5.628913e+07
TDC
QT Input Channel

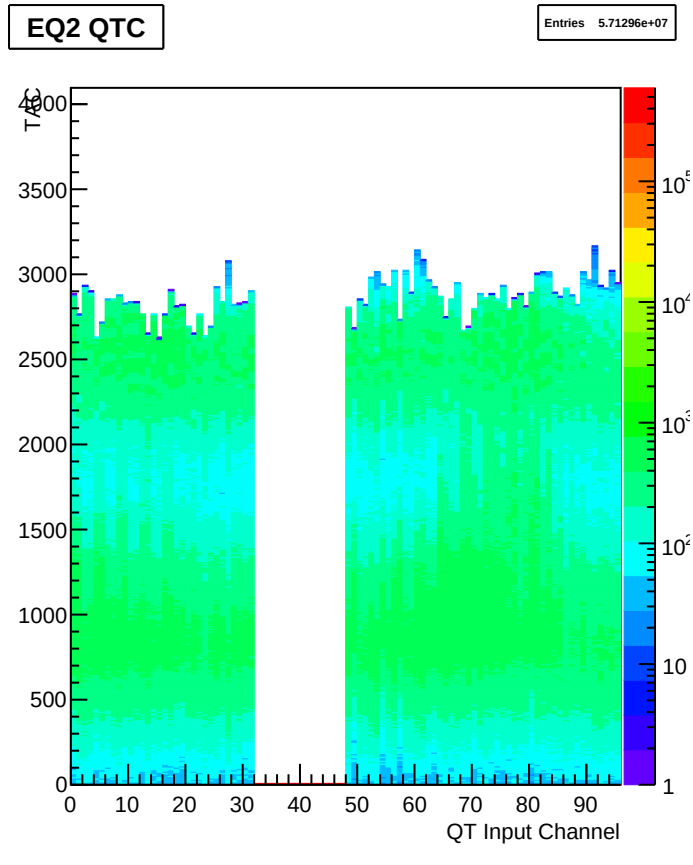

EQ1 QTC
Entries 5.71296e+07
ADC
QT Input Channel

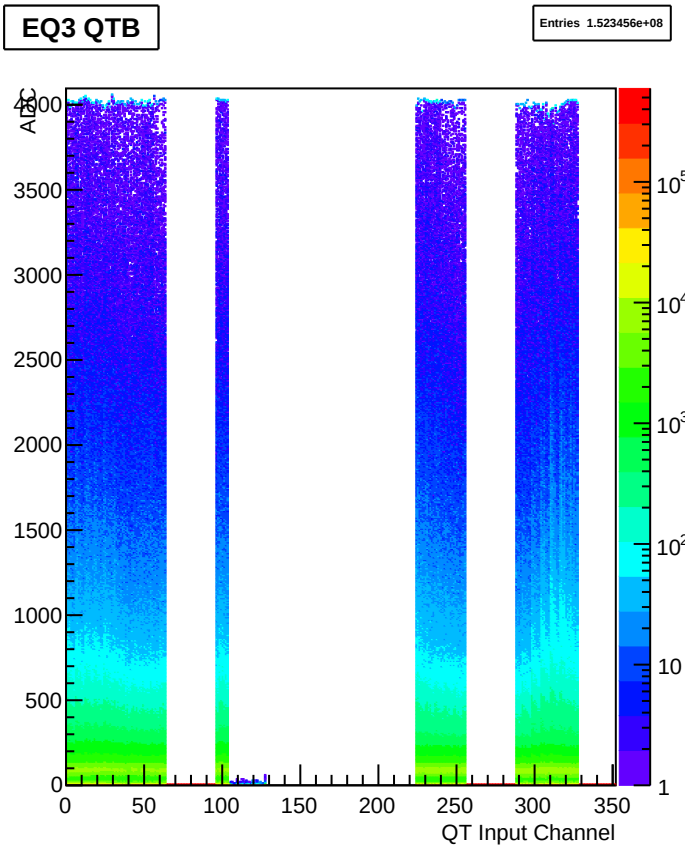

EQ1 QTC
Entries 5.71296e+07
TADC
QT Input Channel

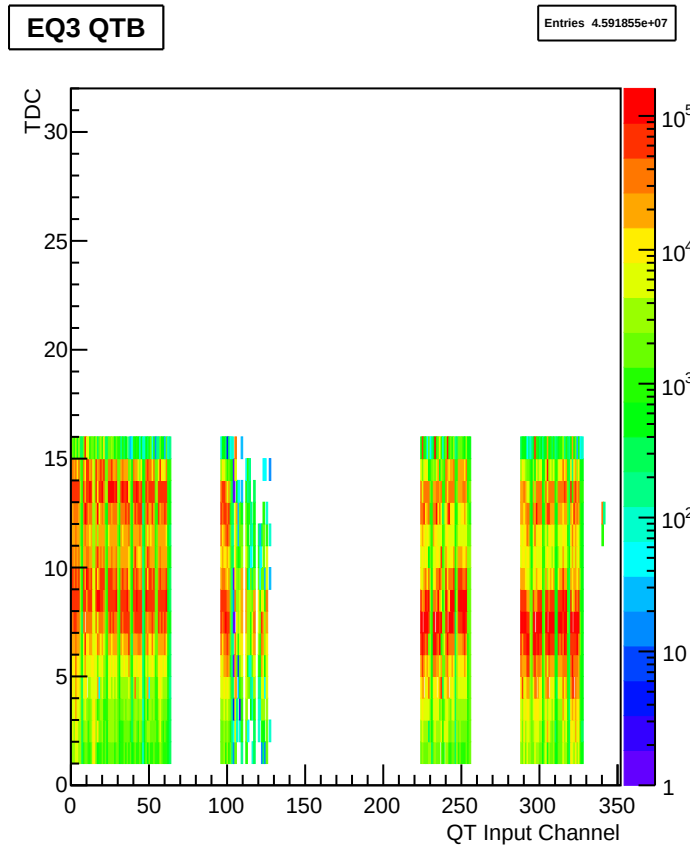

EQ2 QTB
Entries 1.713888e+08
ADC
QT Input Channel

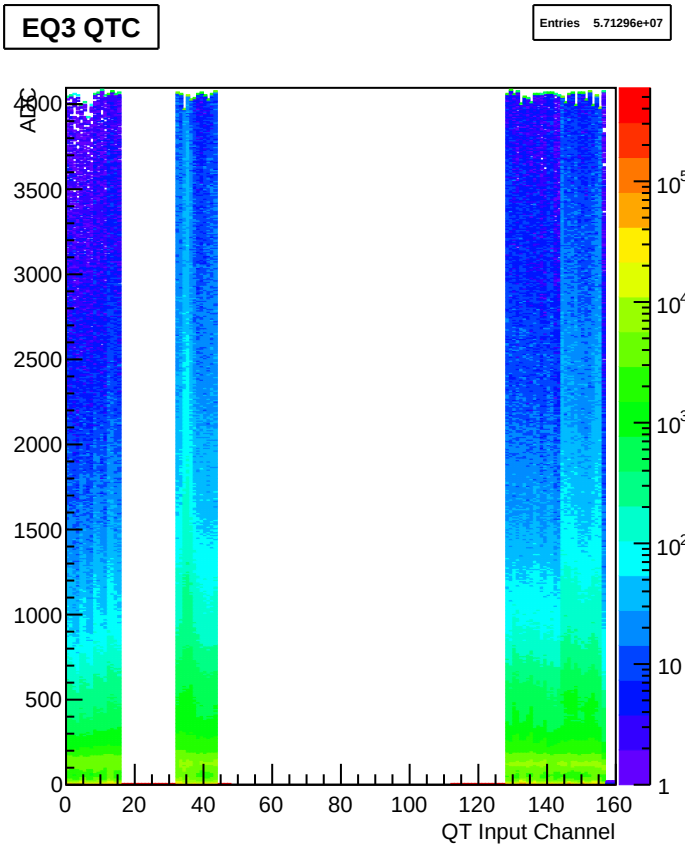

EQ2 QTB
Entries 5.55727e+07
TDC
QT Input Channel

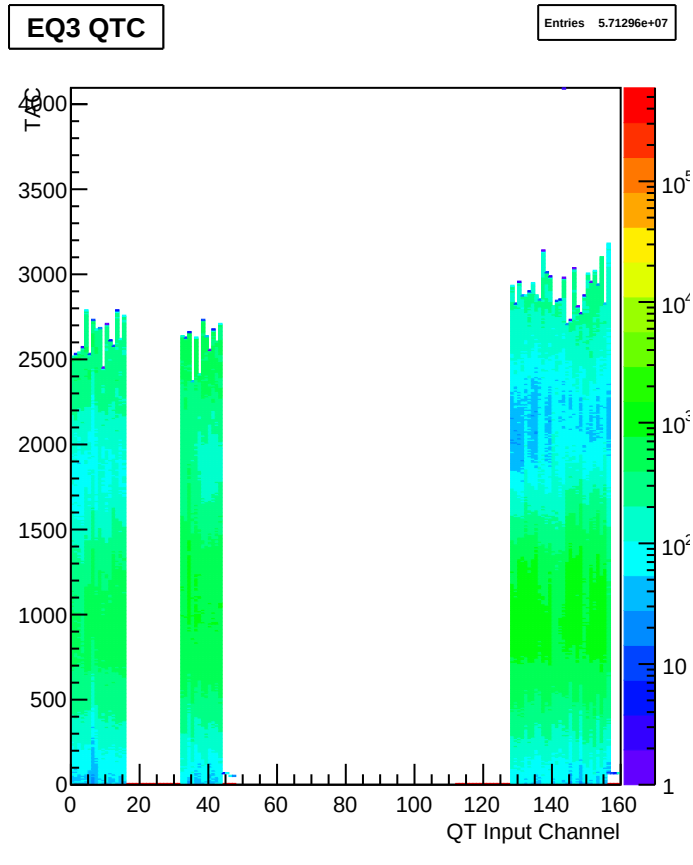

EQ2 QTC
Entries 5.71296e+07
ADC
QT Input Channel

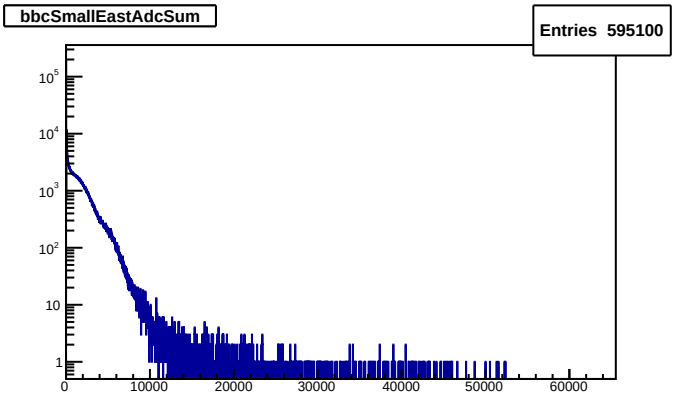

EQ2 QTC
Entries 5.71296e+07
TADC
QT Input Channel

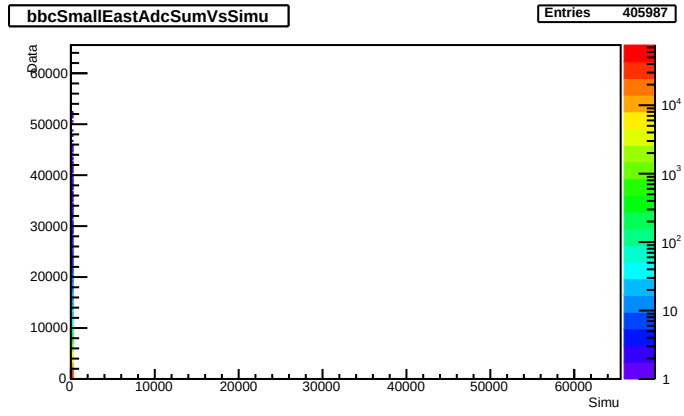

EQ3 QTB
Entries 1.523456e+08
ADC
QT Input Channel

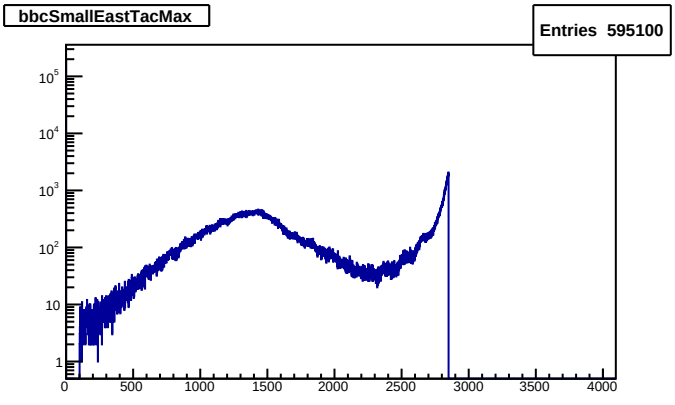

EQ3 QTB
Entries 4.591855e+07
TDC
QT Input Channel

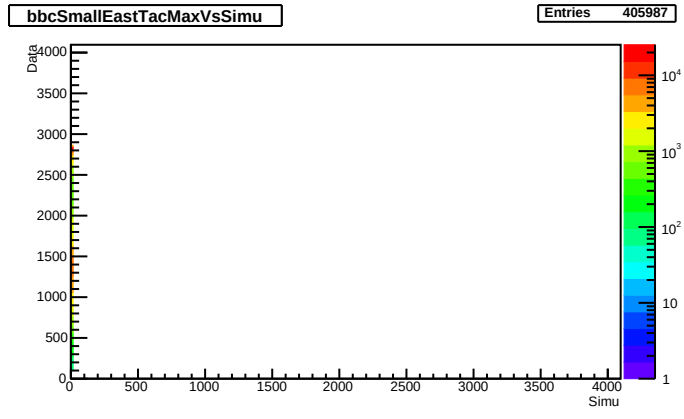

EQ3 QTC
Entries 5.71296e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.71296e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 595100


bbcSmallEastAdcSumVsSimu
Entries 405987
Data
Simu


bbcSmallEastTacMax
Entries 595100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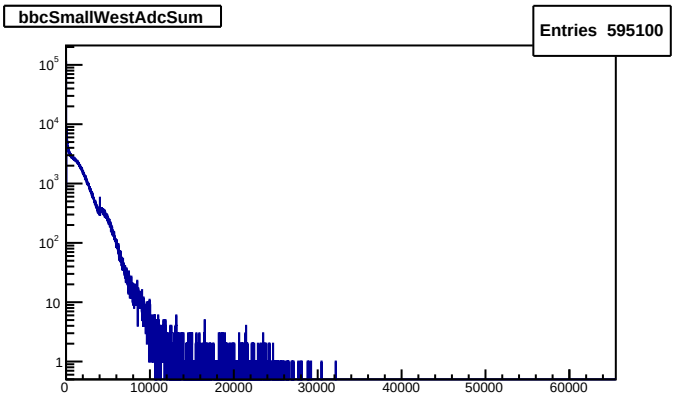
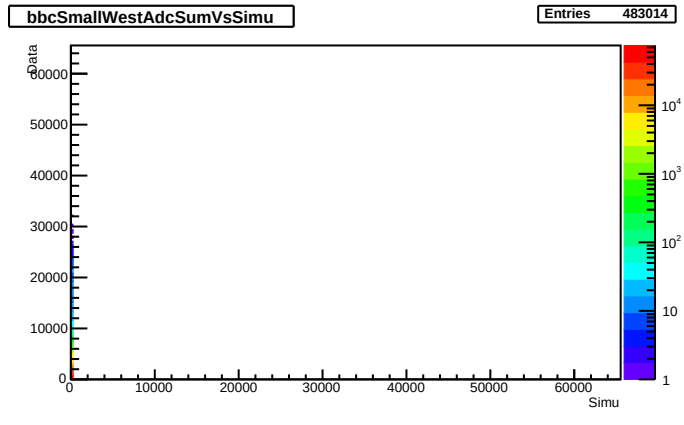
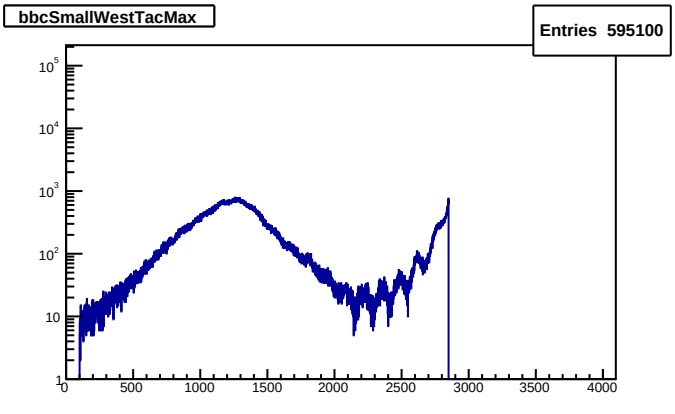
Entries 405987
Data
Simu


bbcSmallWestAdcSum
Entries 595100


bbcSmallWestAdcSumVsSimu
Entries 483014
Data
Simu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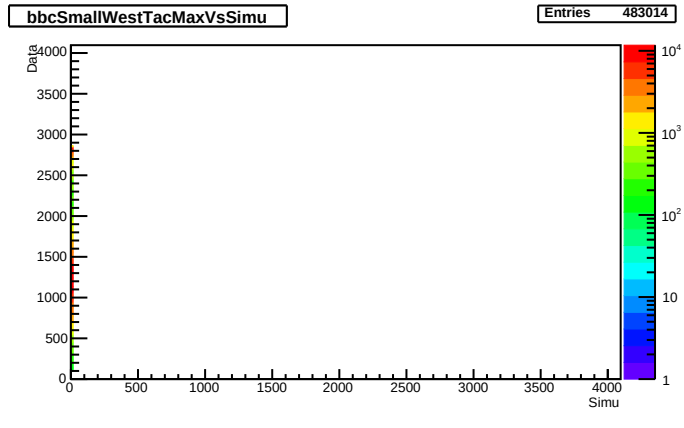
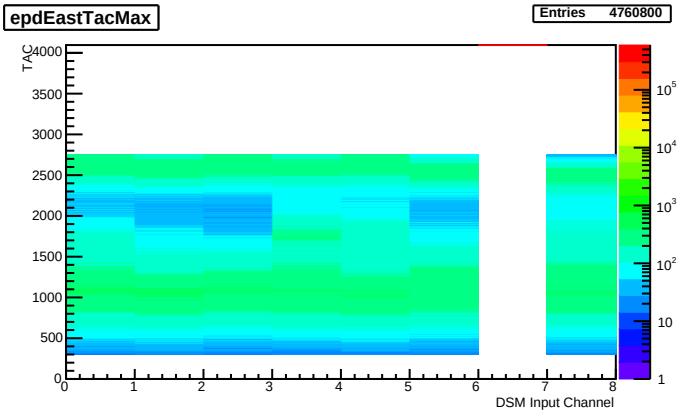
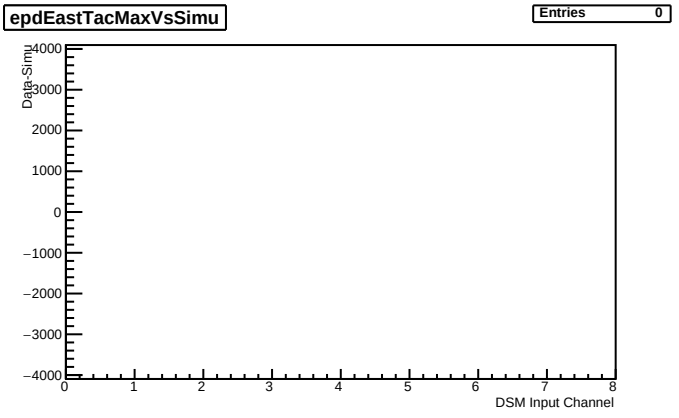
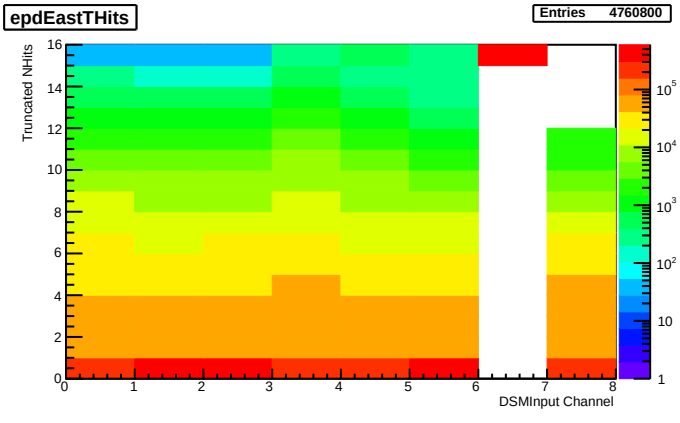
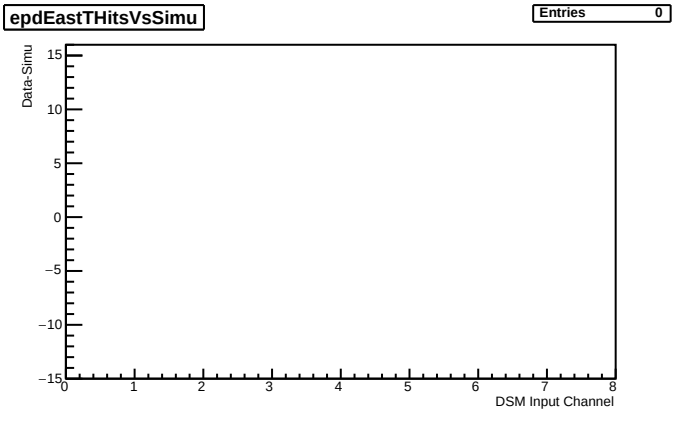
Entries 595100


bbcSmallWestTacMaxVsSimu
Entries 483014
Data
Simu


epdEastTacMax
Entries 4760800
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4760800
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
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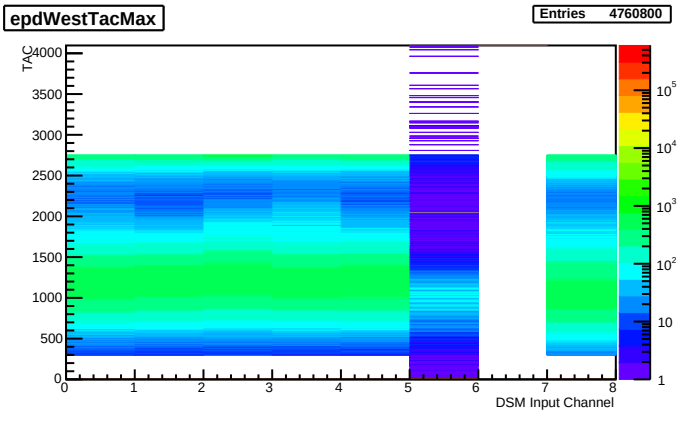
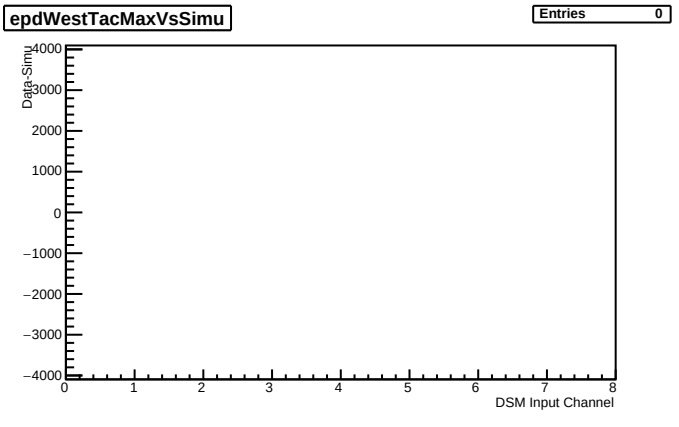
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 4760800
TAC
DSM Input Channel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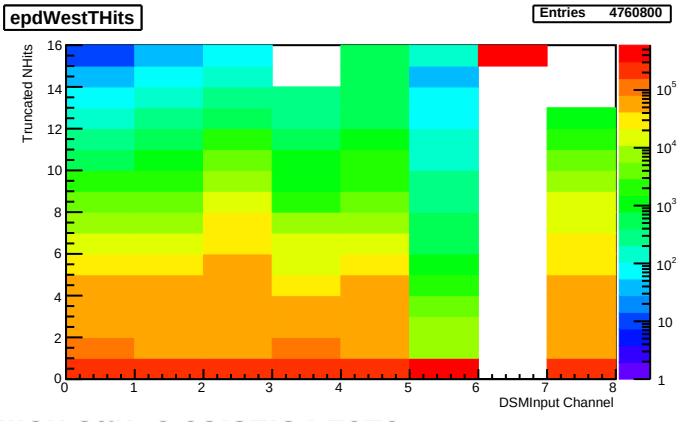
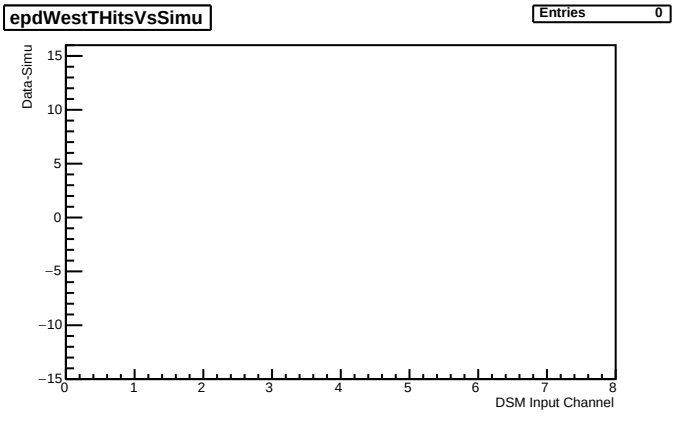
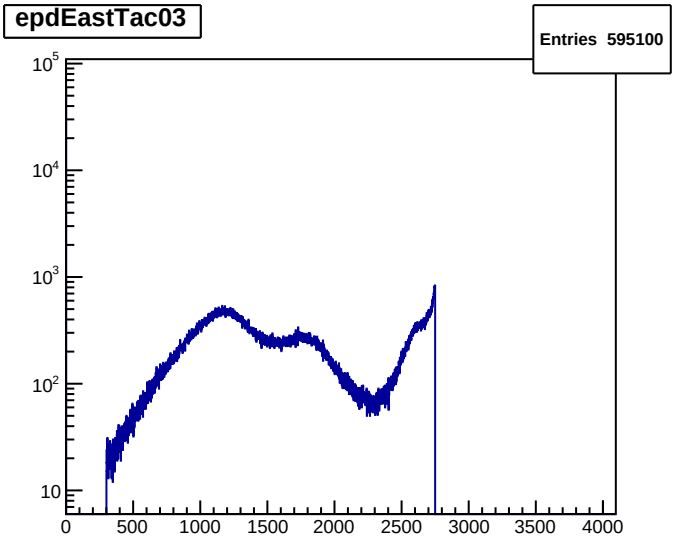
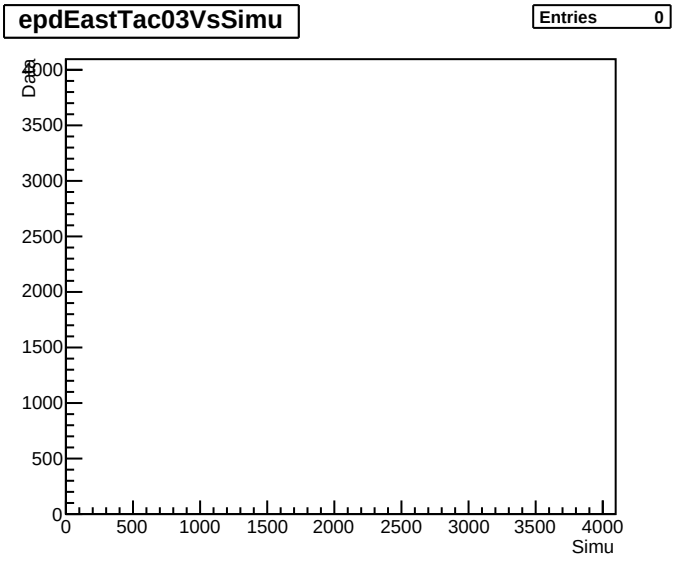
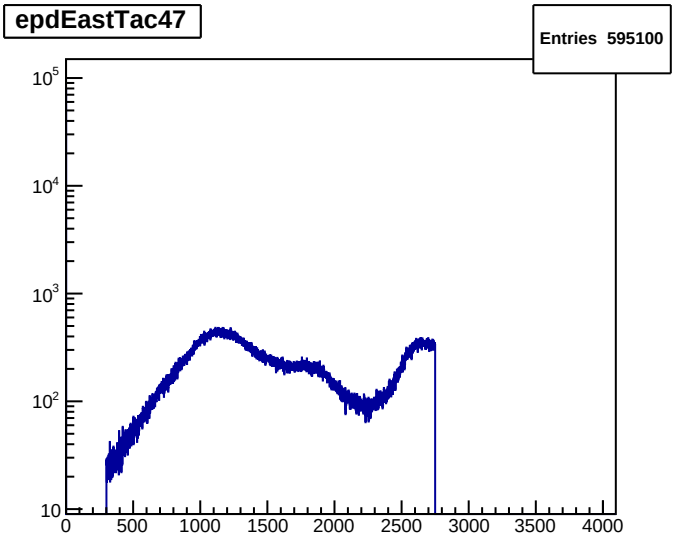
Entries 0
Data-Simu
DSM Input Channel

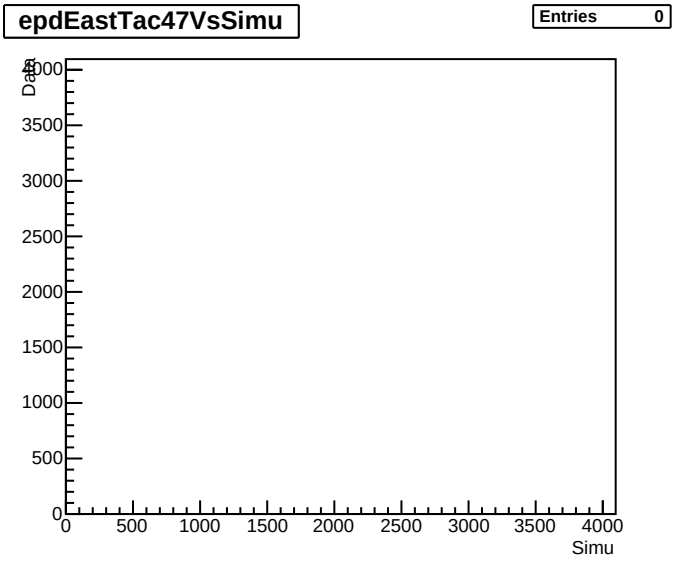

epdWestTHits
Entries 4760800
Truncated NHits
DSMInput Channel

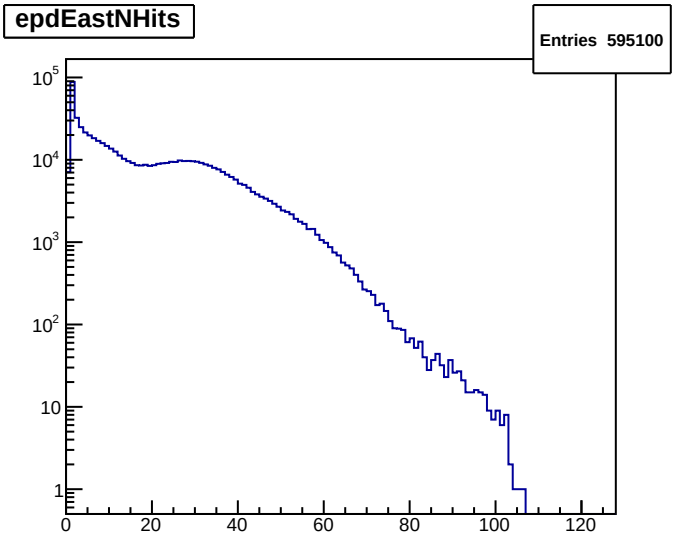

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

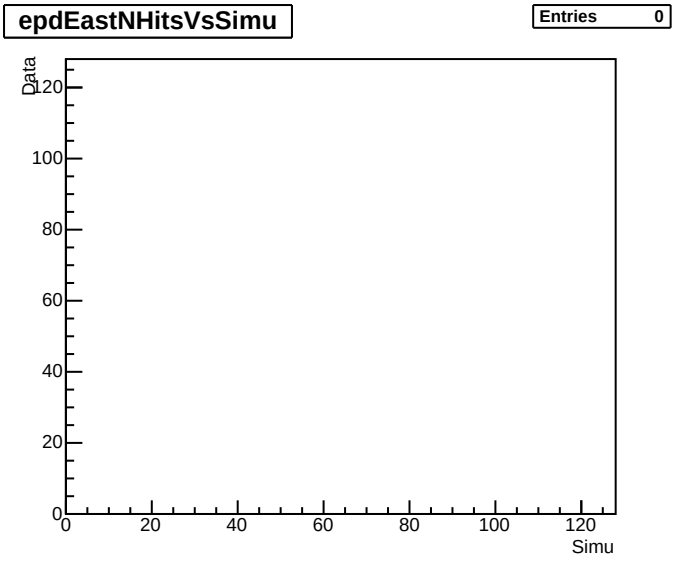

epdEastTac03
Entries 595100

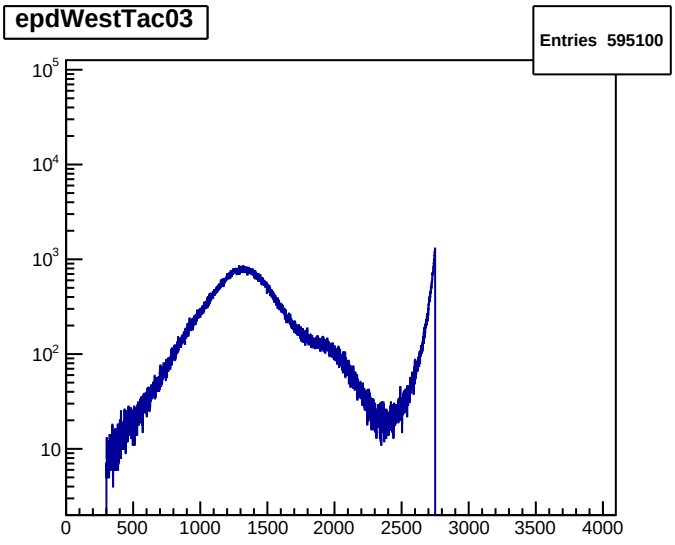

epdEastTac03VsSimu
Entries 0
Data
Simu

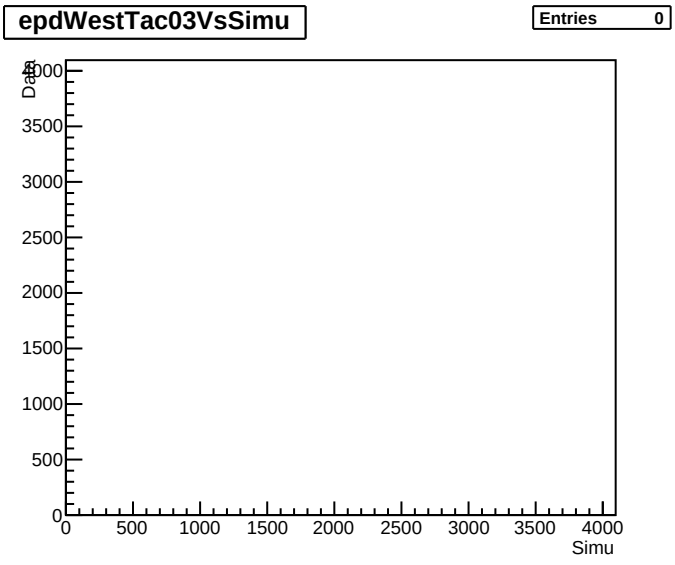

epdEastTac47
Entries 595100


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 595100


epdEastNHitsVsSimu
Entries 0
Data
Simu


epdWestTac03
Entries 595100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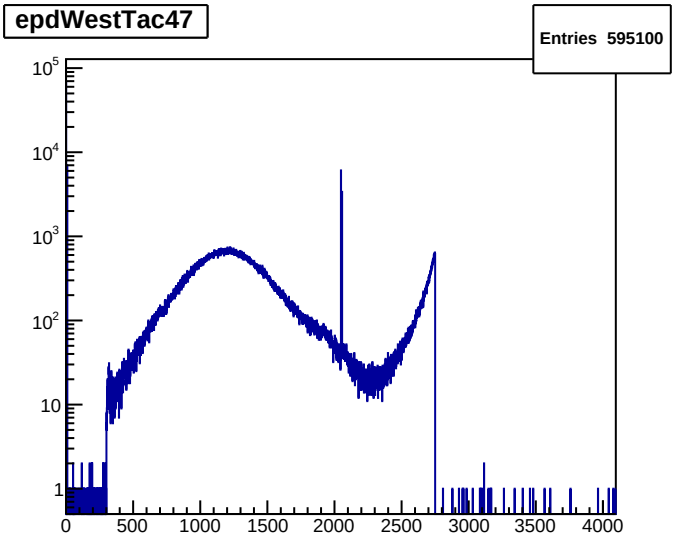
Entries 0
Data
Simu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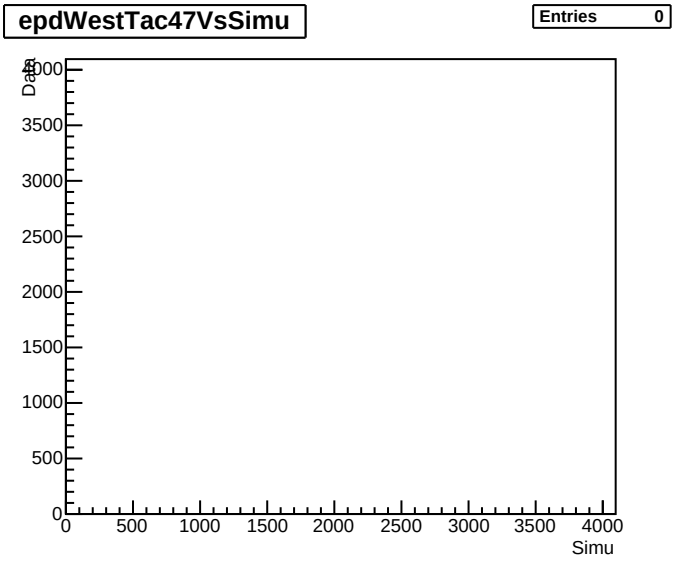
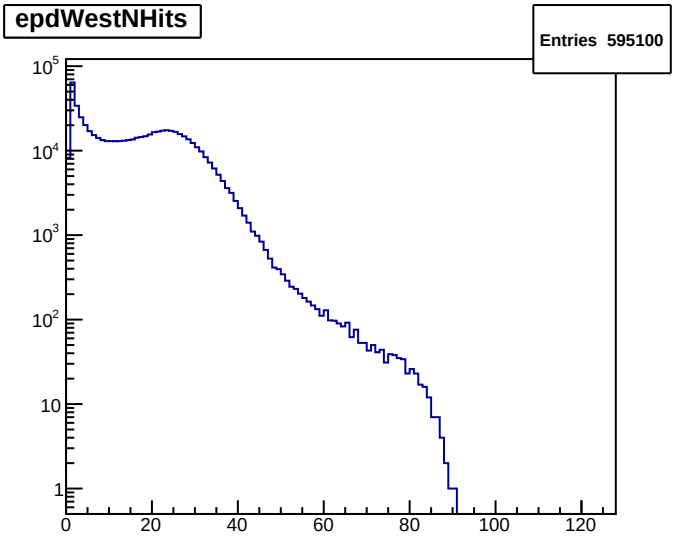
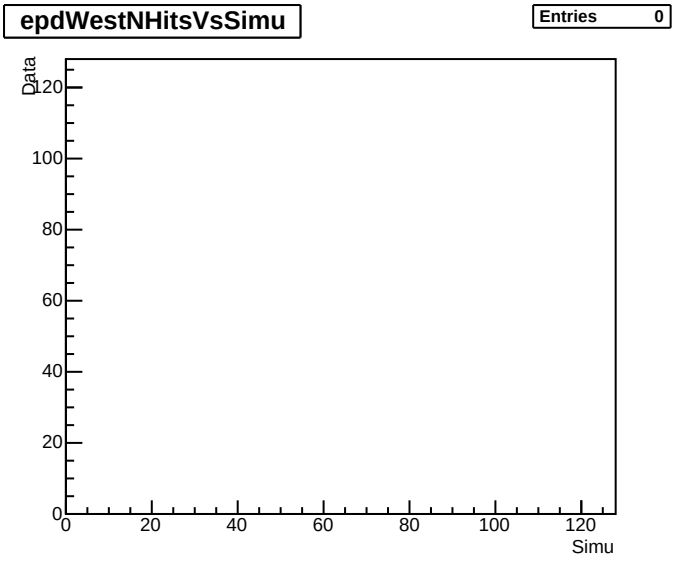
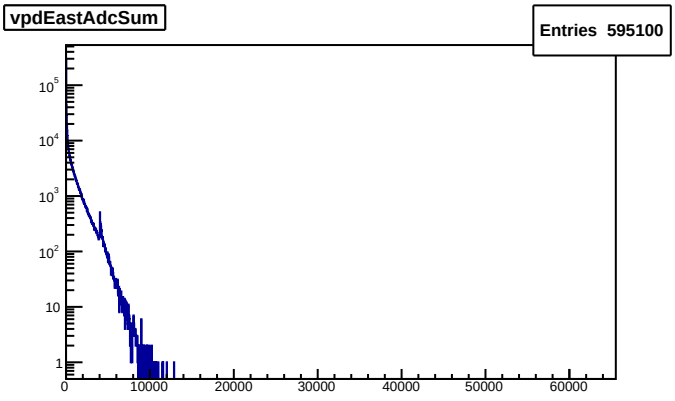
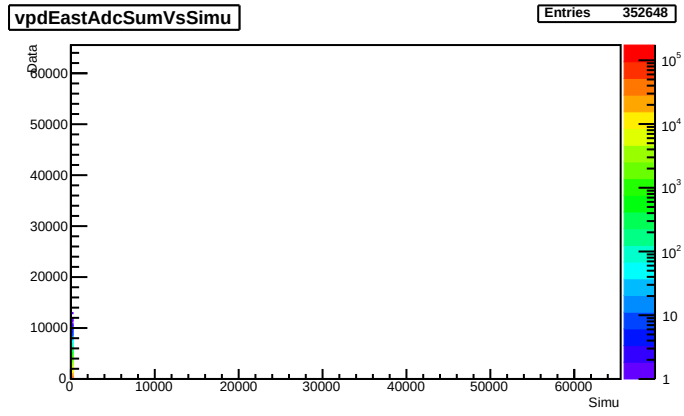
Entries 595100

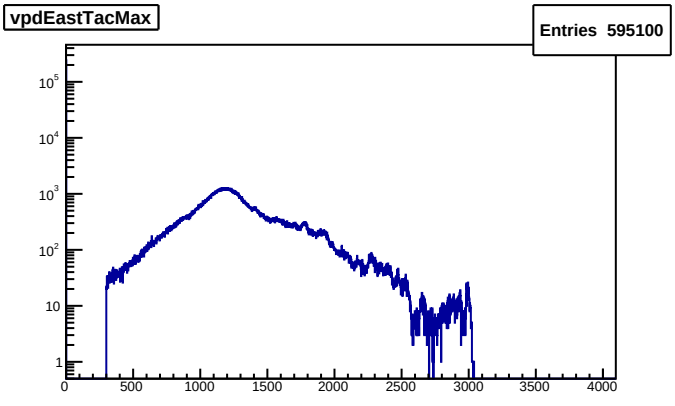

epdWestTac47VsSimu
Entries 0
Data
Simu

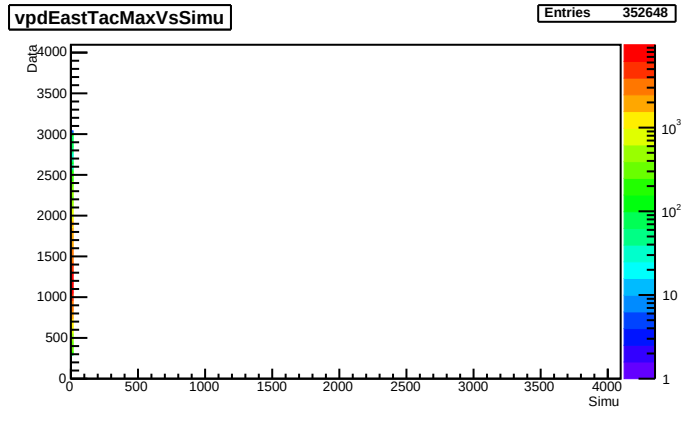

epdWestNHits
Entries 595100

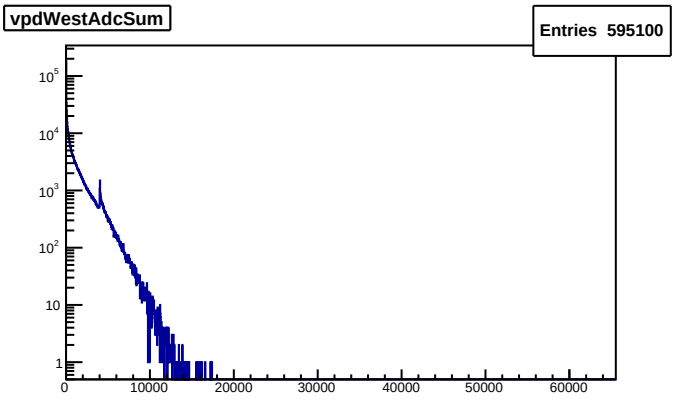

epdWestNHitsVsSimu
Entries 0
Data
Simu

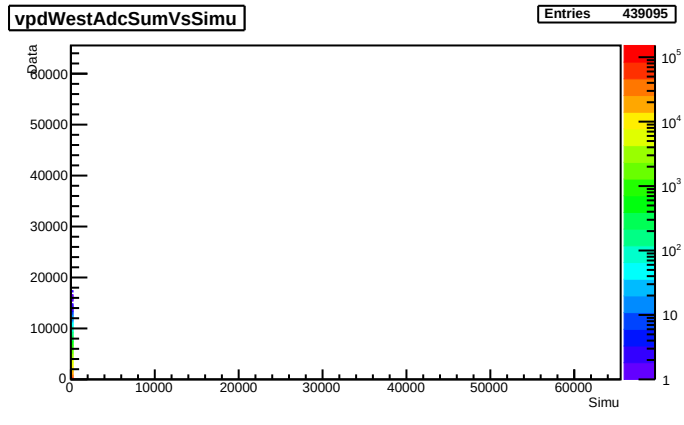

vpdEastAdcSum
Entries 595100

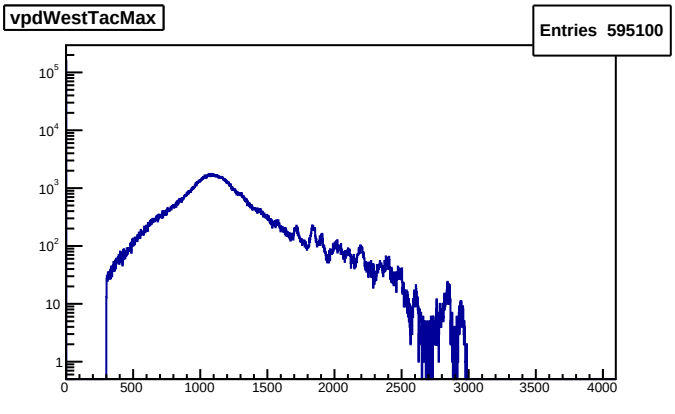

vpdEastAdcSumVsSimu
Entries 352648
Data
Simu

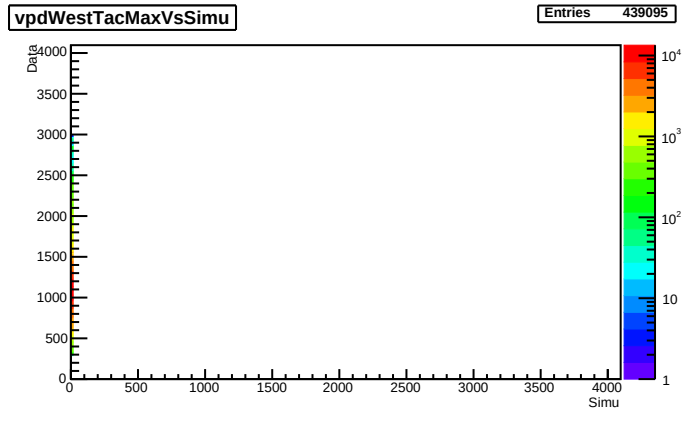

vpdEastTacMax
Entries 595100

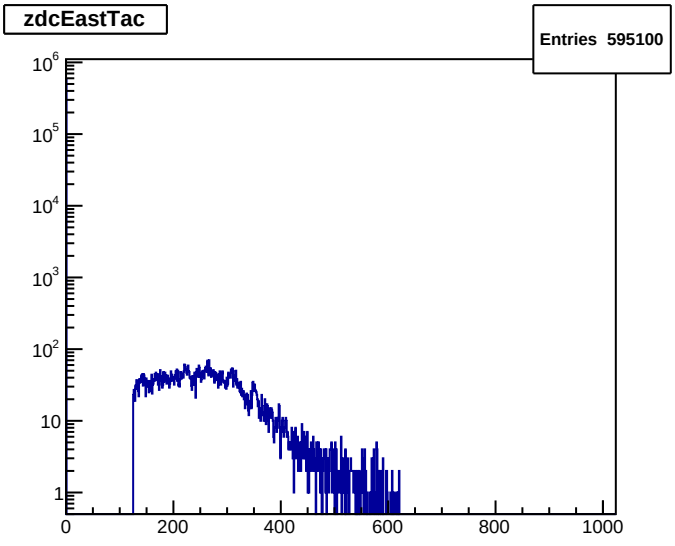

vpdEastTacMaxVsSimu
Entries 352648
Data
Simu

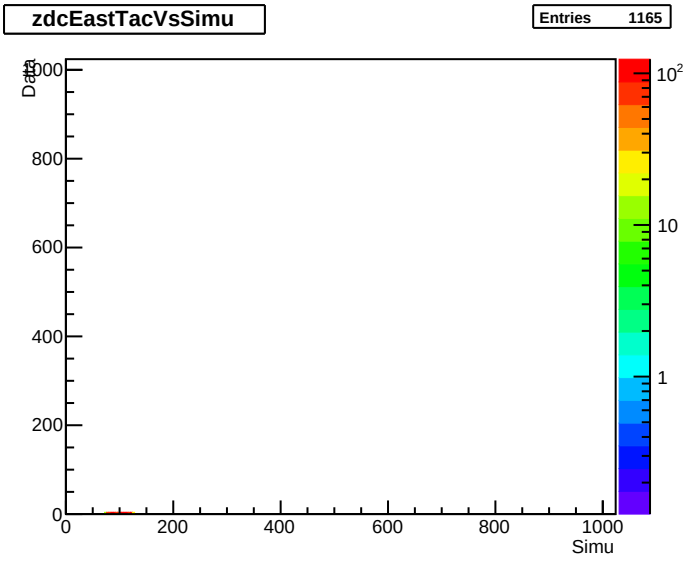

vpdWestAdcSum
Entries 595100

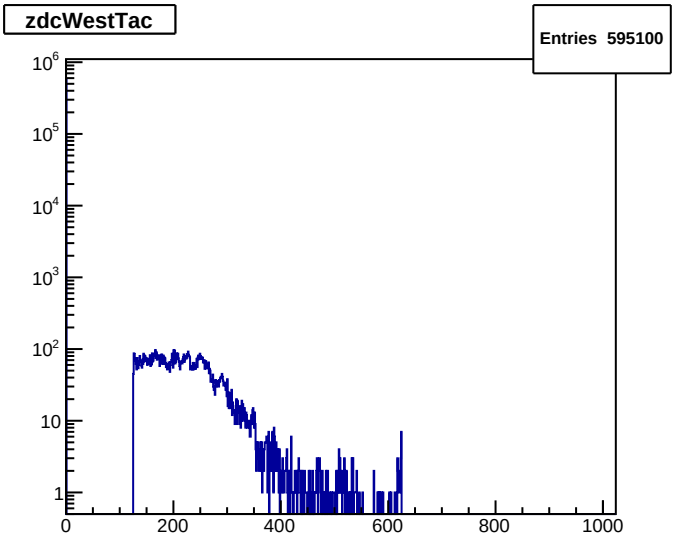

vpdWestAdcSumVsSimu
Entries 439095
Data
Simu

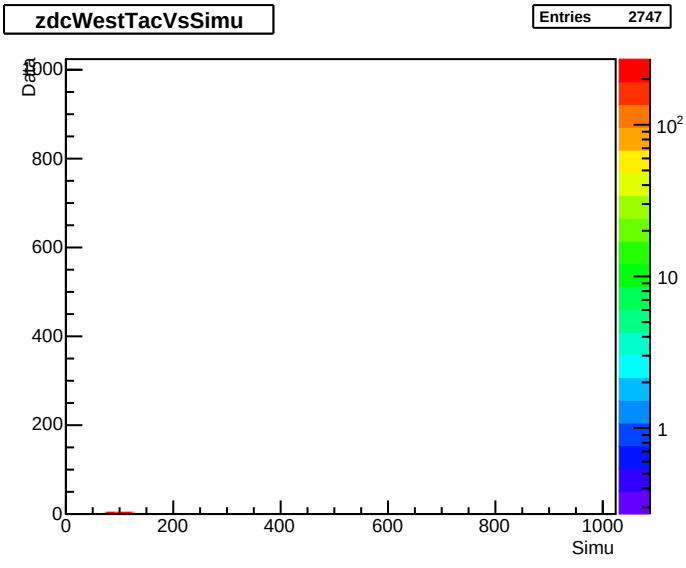

vpdWestTacMax
Entries 595100

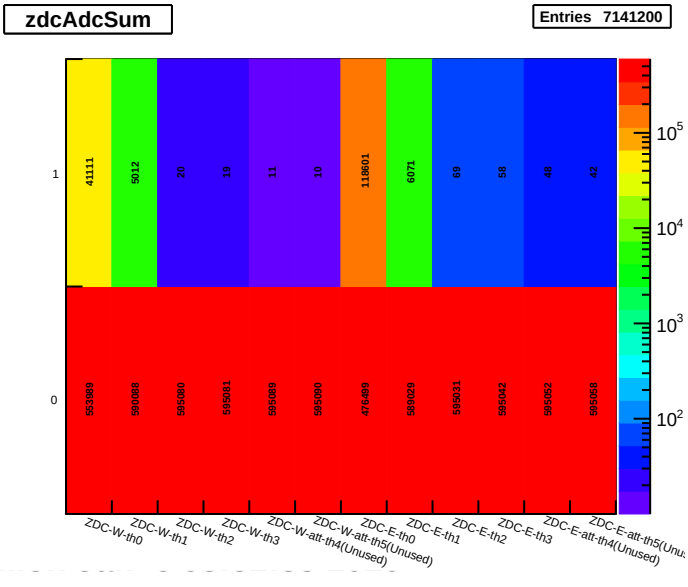

vpdWestTacMaxVsSimu
Entries 439095
Data
Simu

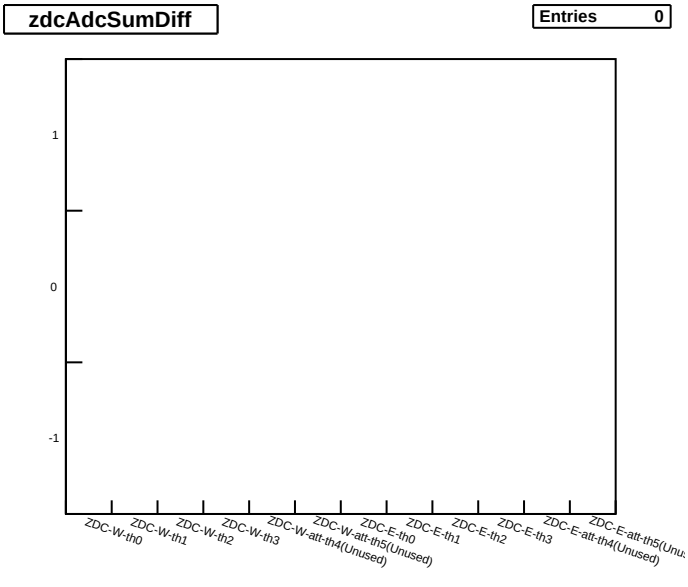

zdcEastTac
Entries 595100

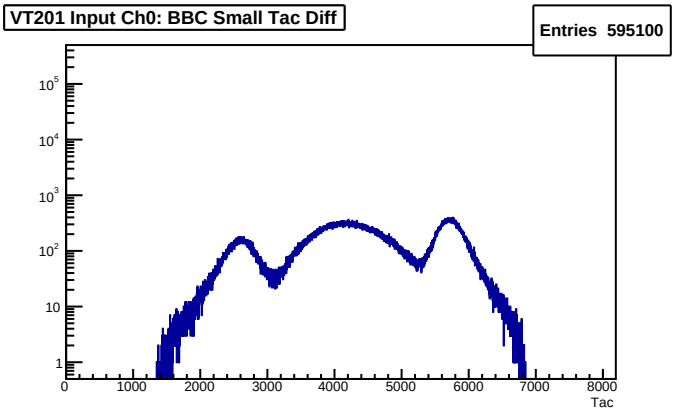

zdcEastTacVsSimu
Entries 1165
Data
Simu

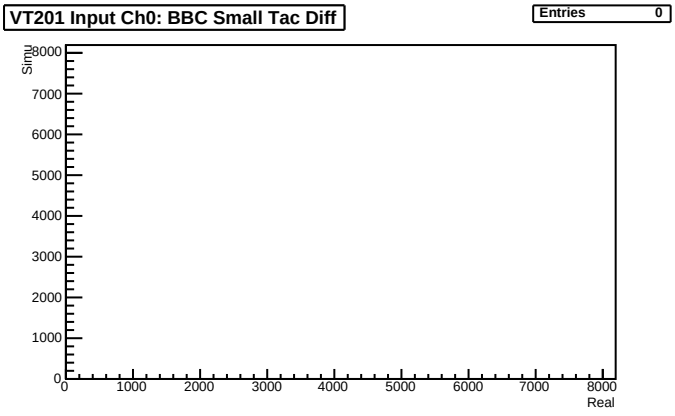

zdcWestTac
Entries 595100

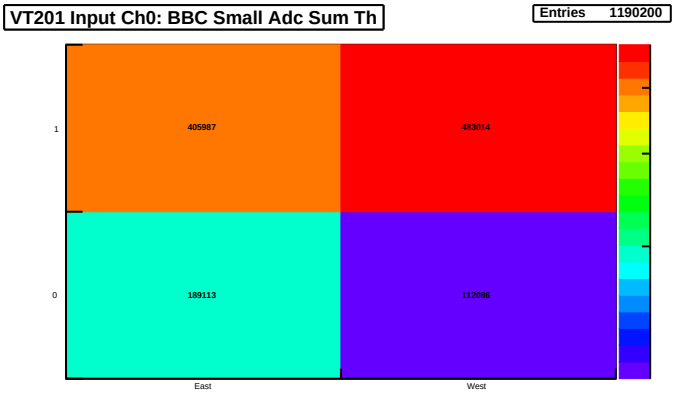

zdcWestTacVsSimu
Entries 2747
Data
Simu

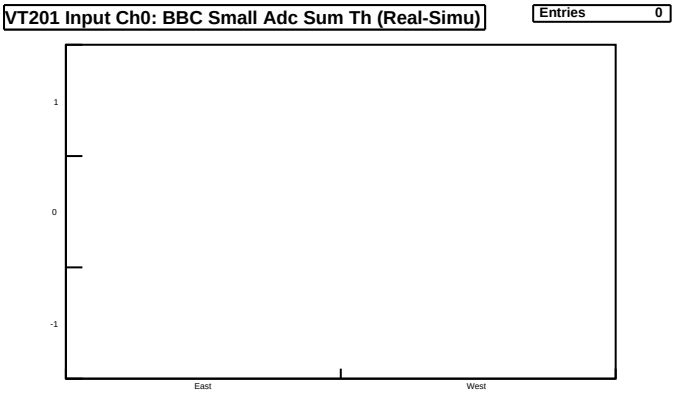

zdcAdcSum
Entries 7141200
41111
5012
20
19
11
10
118601
6071
69
58
48
42
553989
590088
595080
595081
595089
595090
476499
589029
595031
595042
595052
595058
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

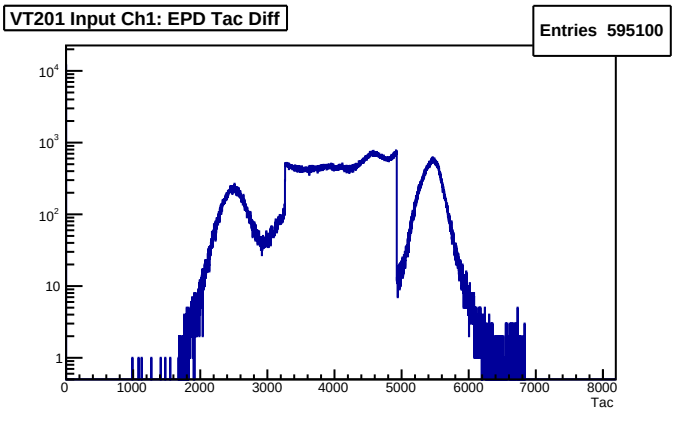

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

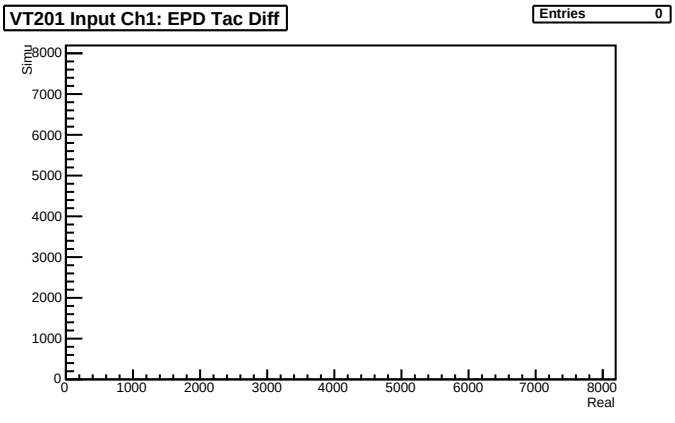

VT201 Input Ch0: BBC Small Tac Diff
Entries 595100
Tac

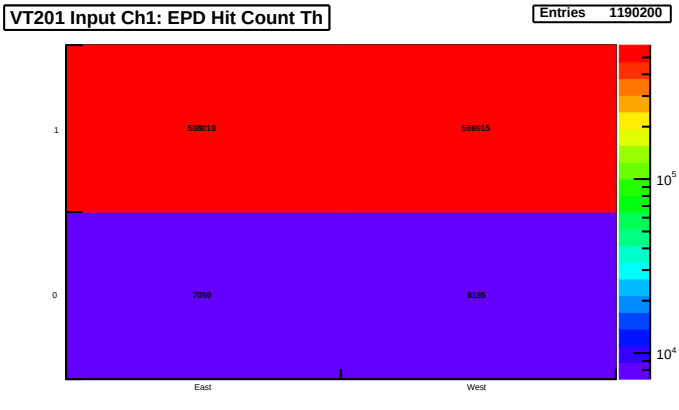

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

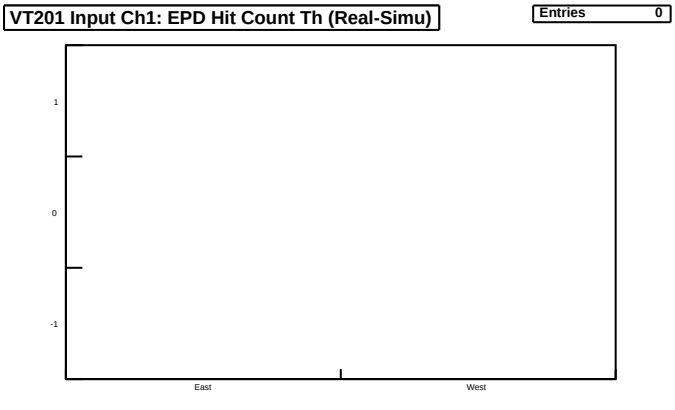

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1190200
405987
483014
189113
112086
East
West

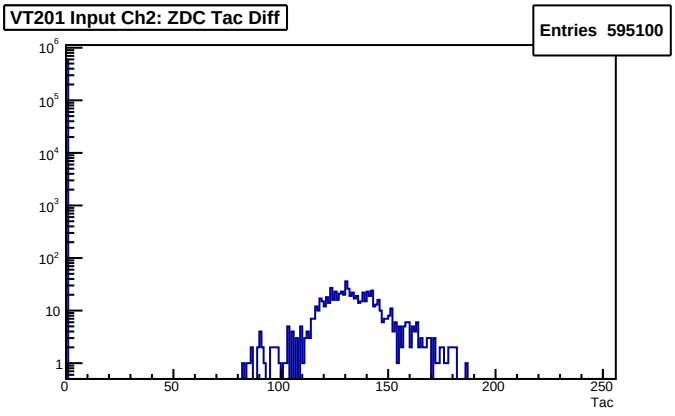

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

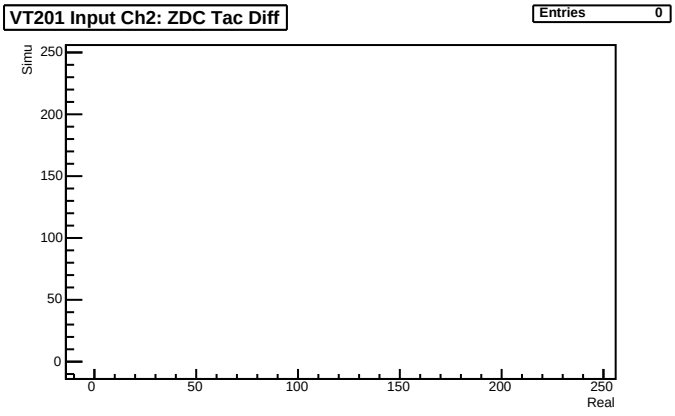

VT201 Input Ch1: EPD Tac Diff
Entries 595100
Tac

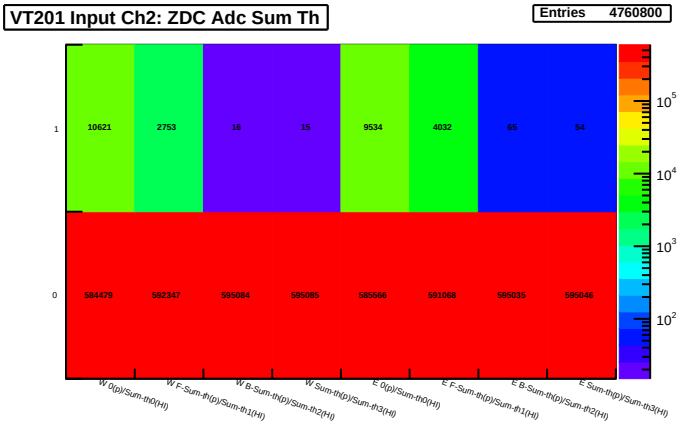

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

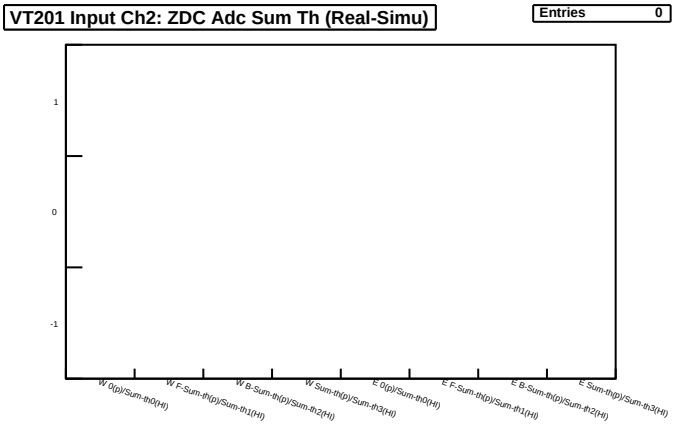

VT201 Input Ch1: EPD Hit Count Th
Entries 1190200
588010
580915
7090
8185
East
West

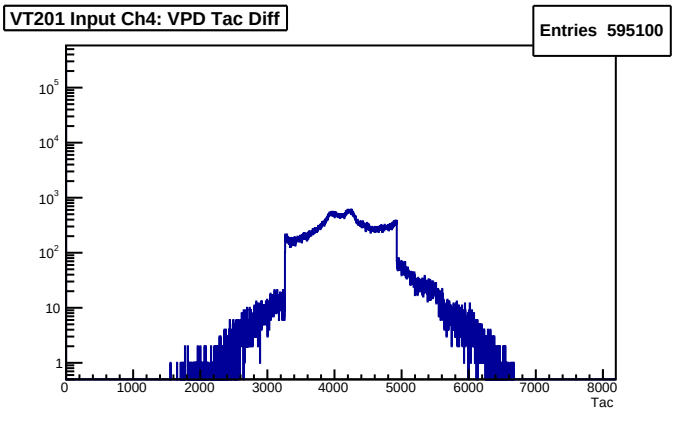

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

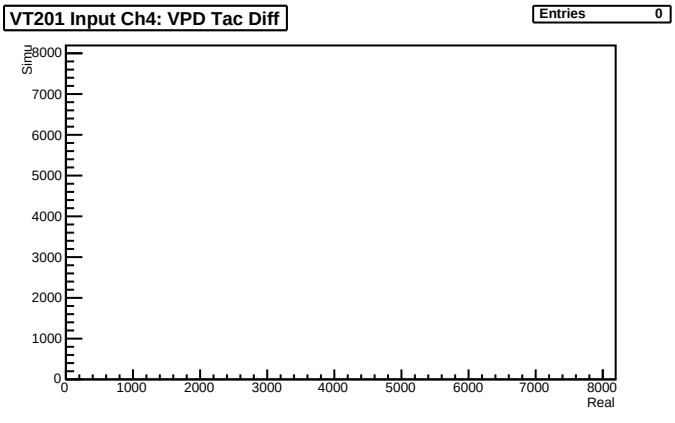

VT201 Input Ch2: ZDC Tac Diff
Entries 595100
Tac

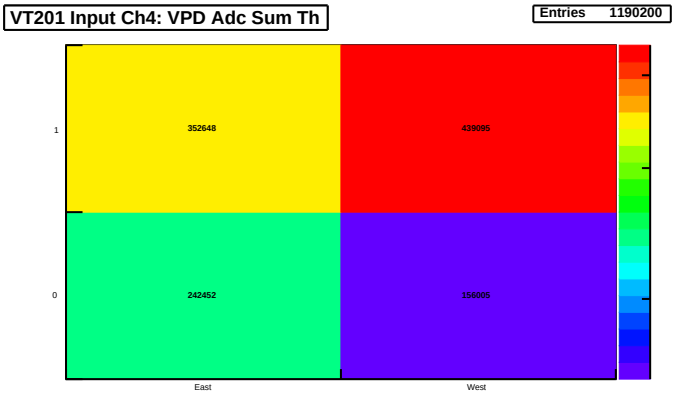

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

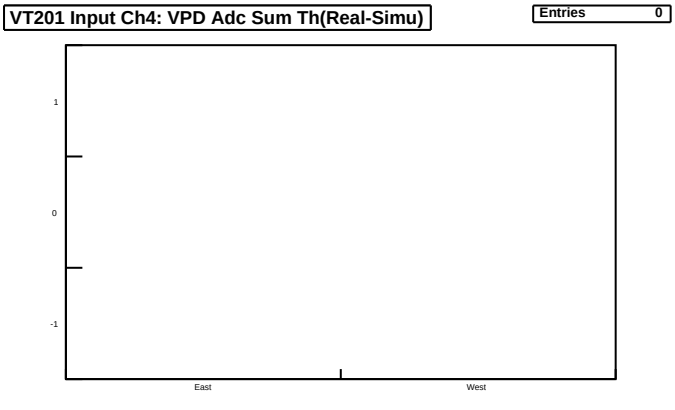

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4760800
10621
2753
16
15
9534
4032
65
54
584479
592347
595084
595085
585566
591068
595035
595046
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

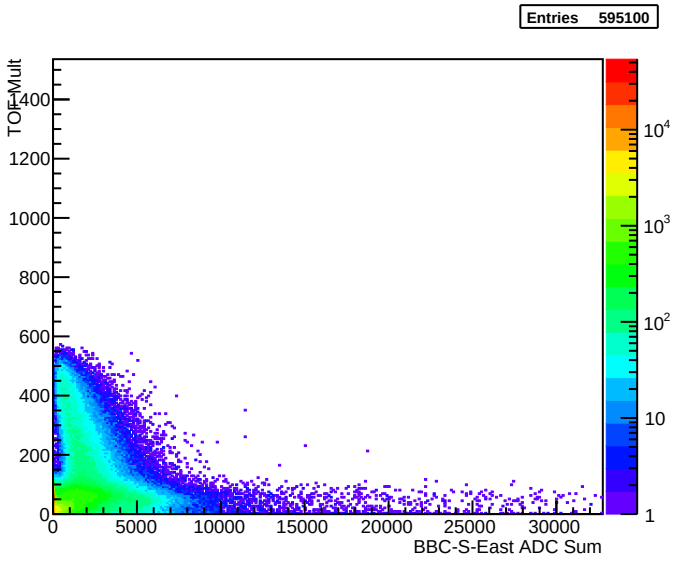

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

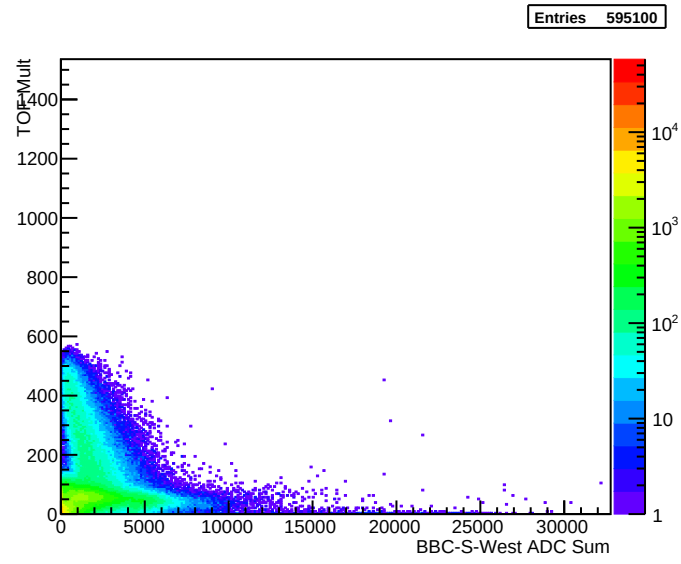

VT201 Input Ch4: VPD Tac Diff
Entries 595100
Tac

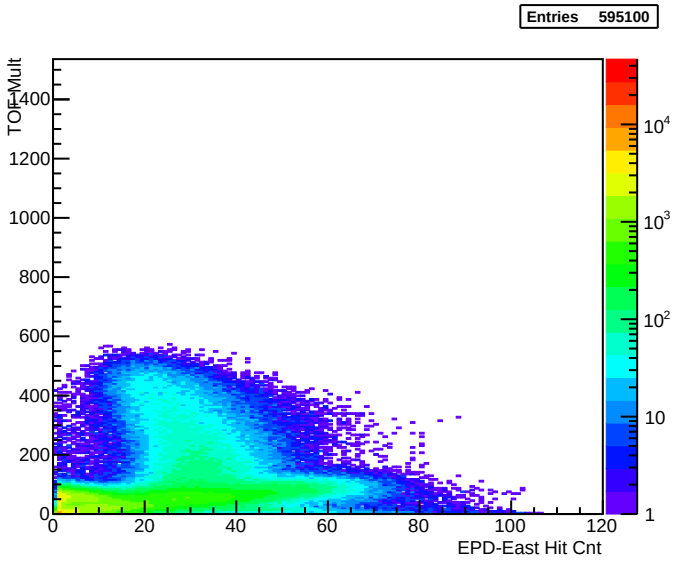

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

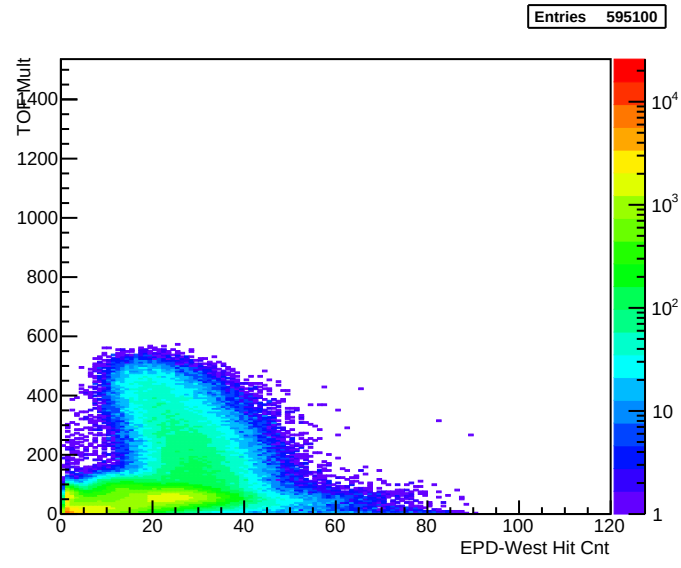

VT201 Input Ch4: VPD Adc Sum Th
Entries 1190200
352648
439095
242452
156005
East
West

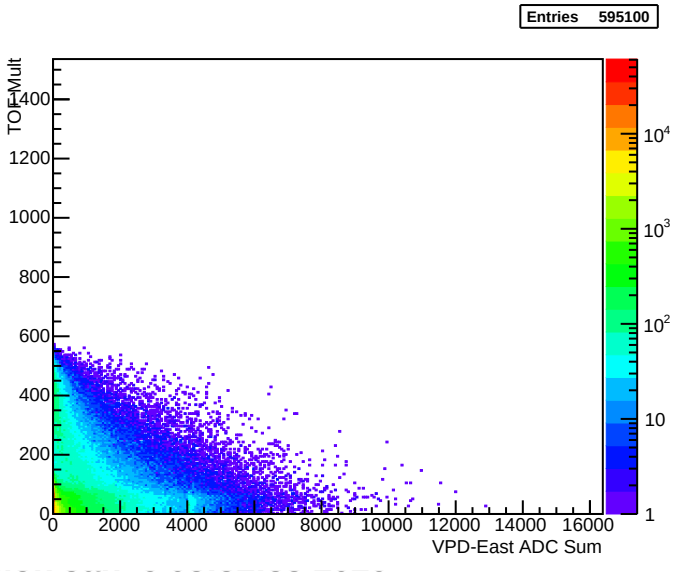

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

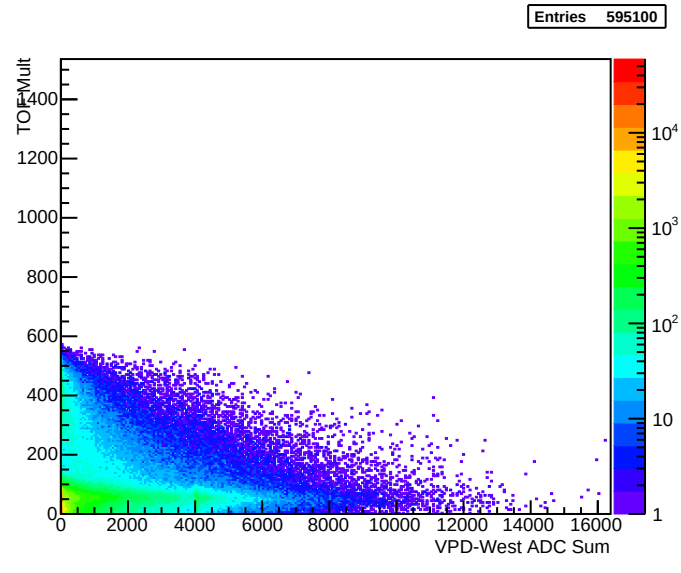

Entries 595100
TOF-Mult
BBC-S-East ADC Sum

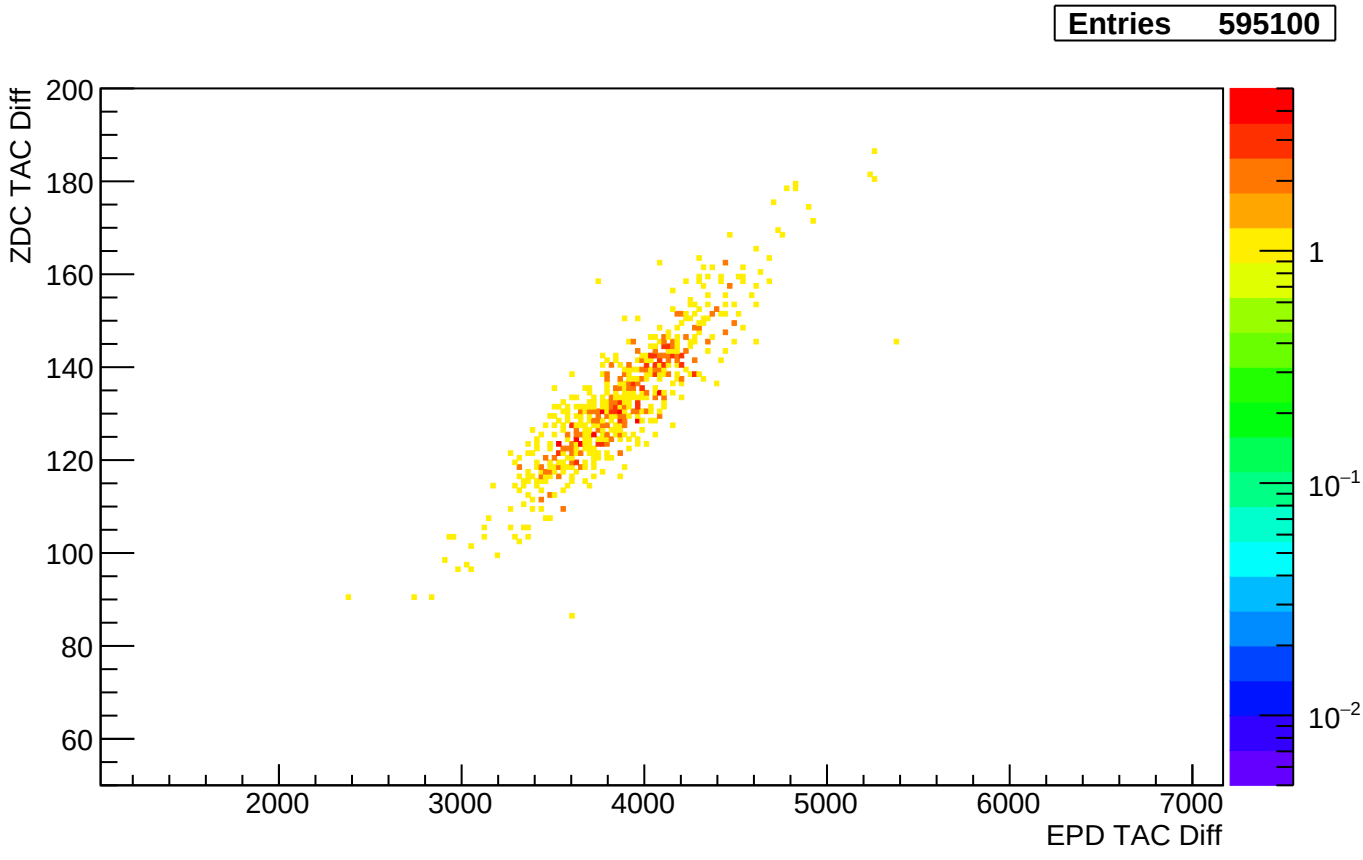

Entries 595100
TOF-Mult
BBC-S-West ADC Sum

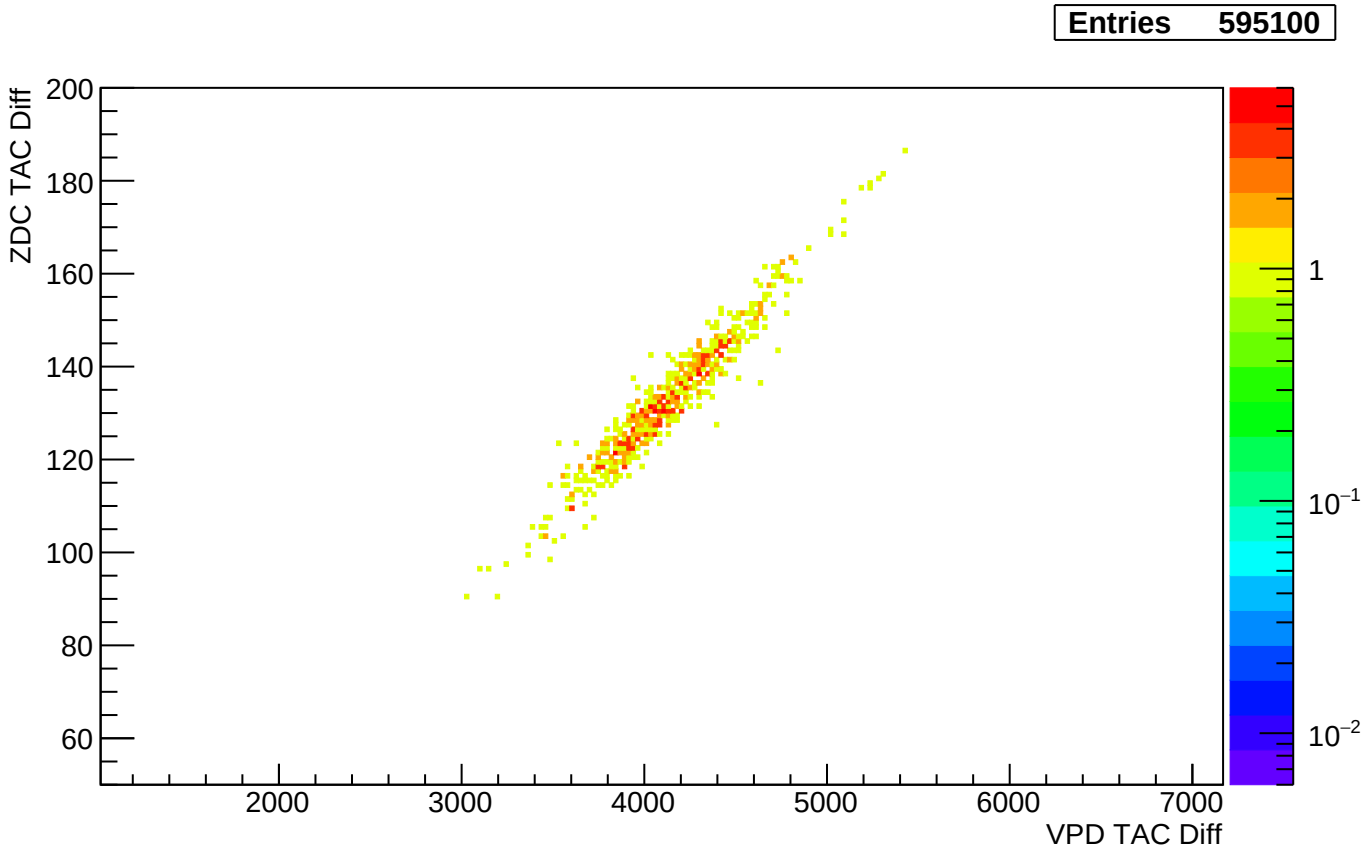

Entries 595100
TOF-Mult
EPD-East Hit Cnt

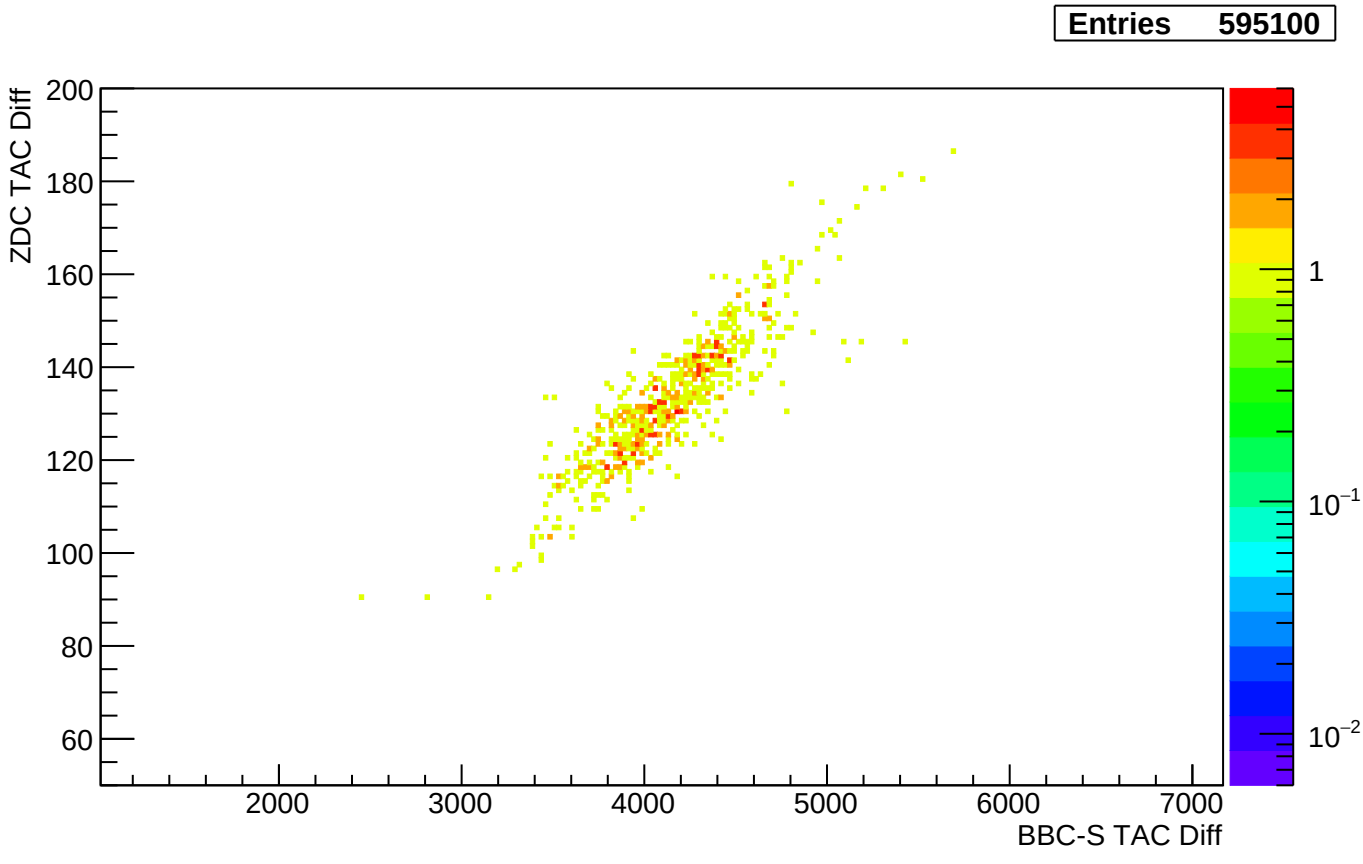

Entries 595100
TOF-Mult
EPD-West Hit Cnt

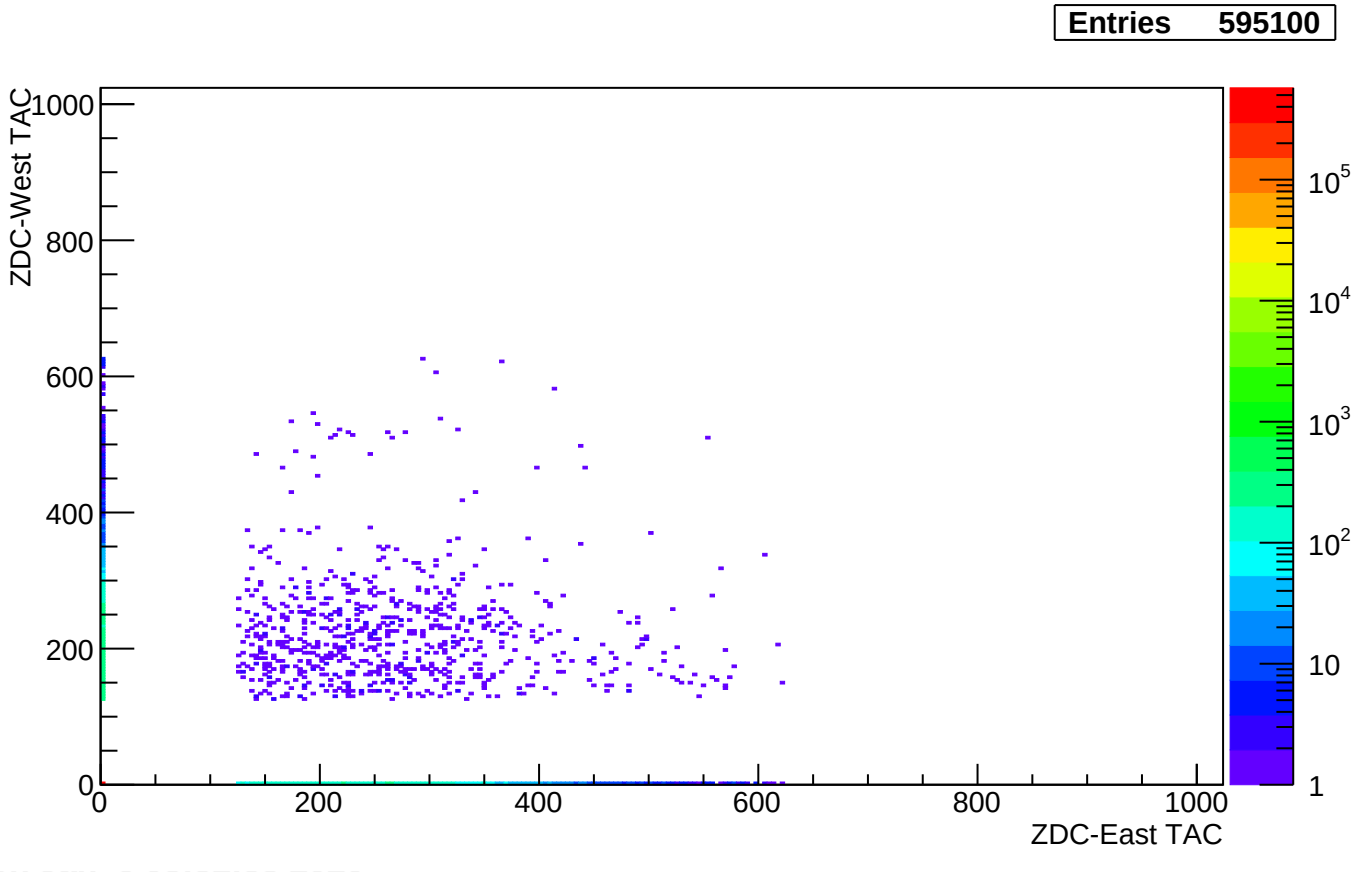

Entries 595100
TOF-Mult
VPD-East ADC Sum

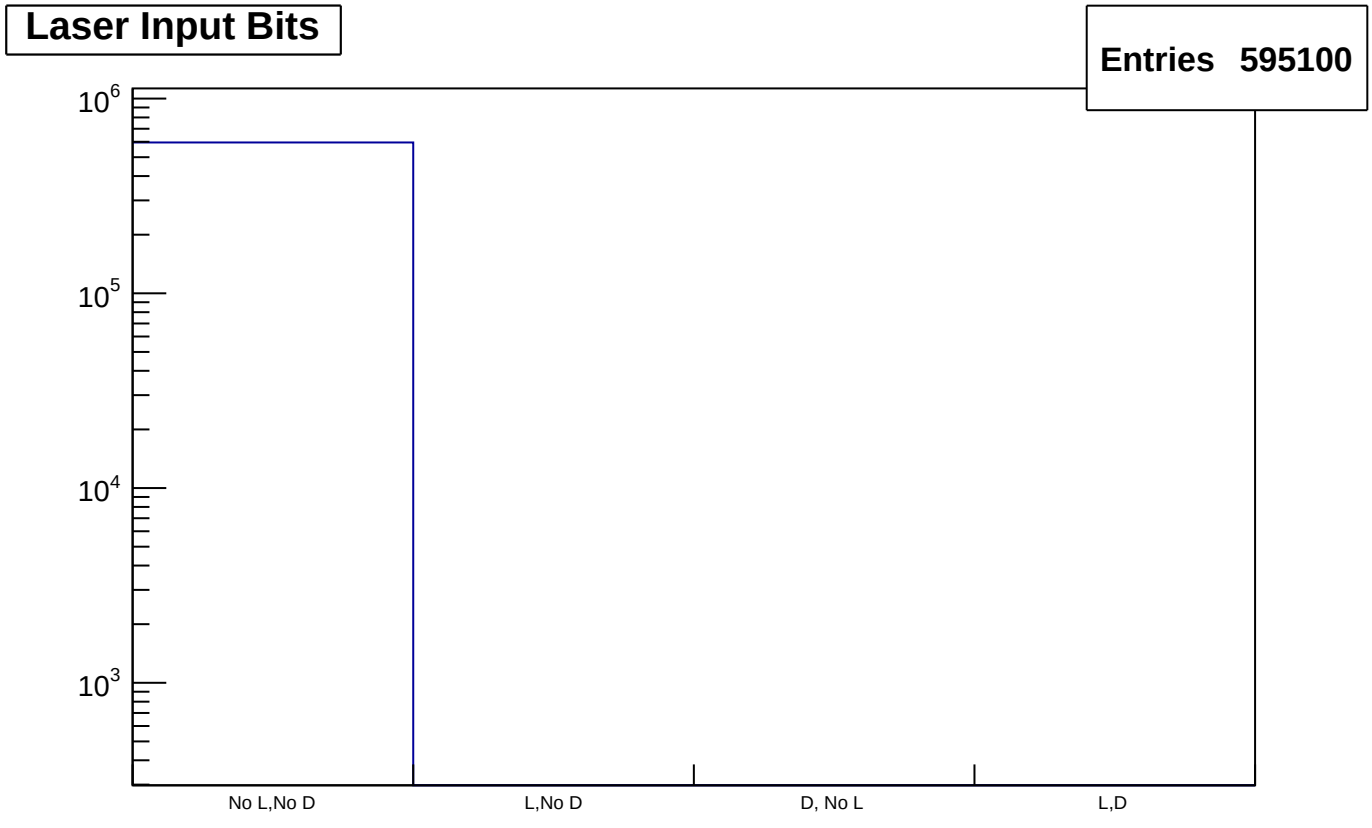

Entries 595100
TOF-Mult
VPD-West ADC Sum

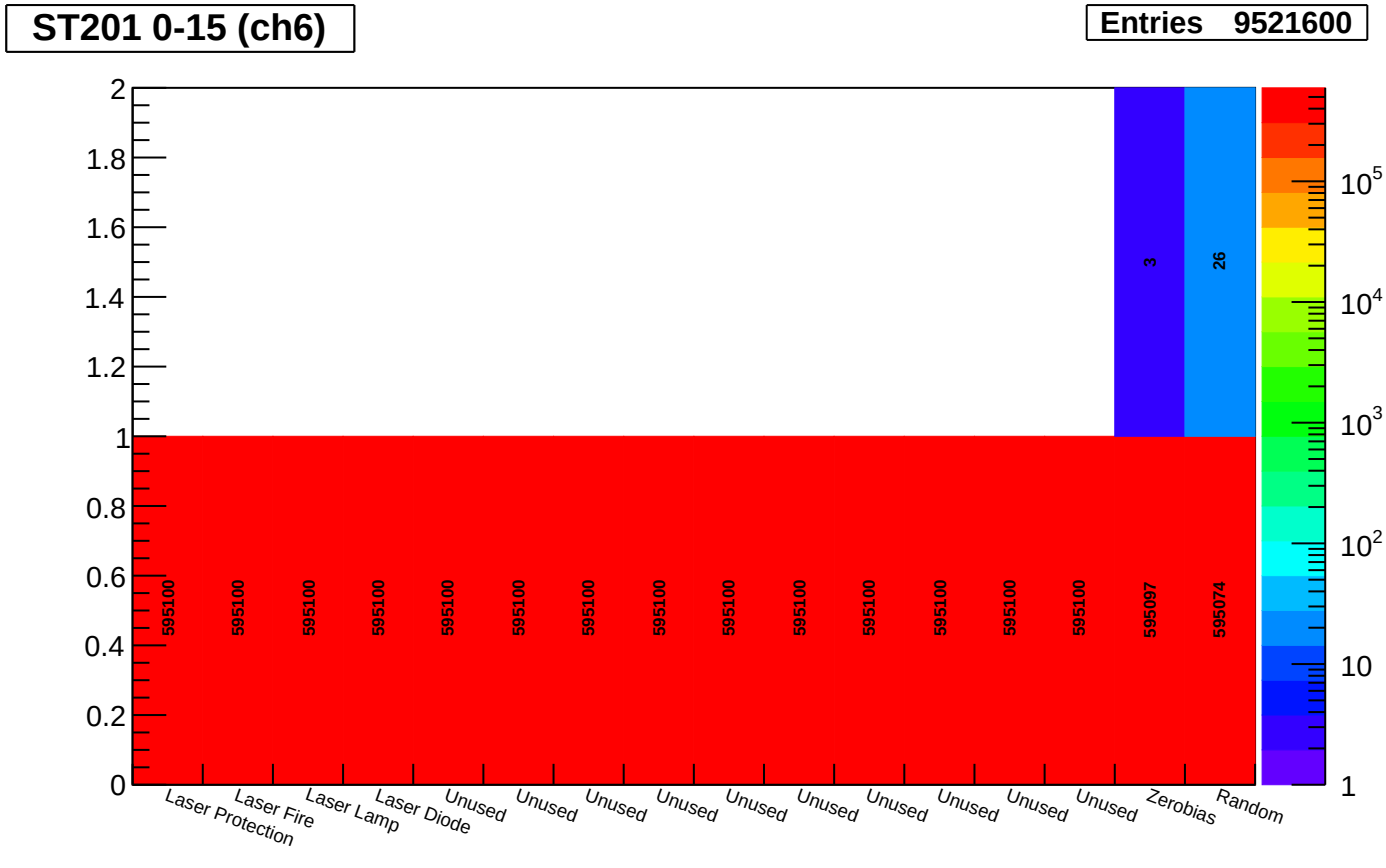

Entries 595100
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

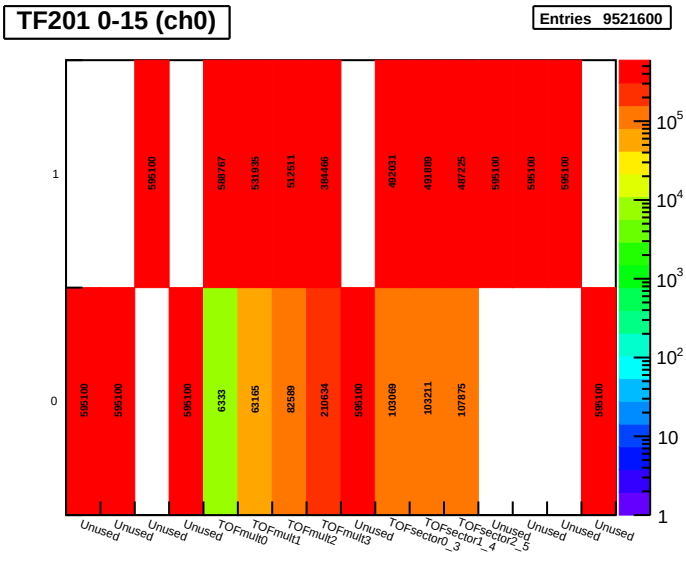

Entries 595100
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

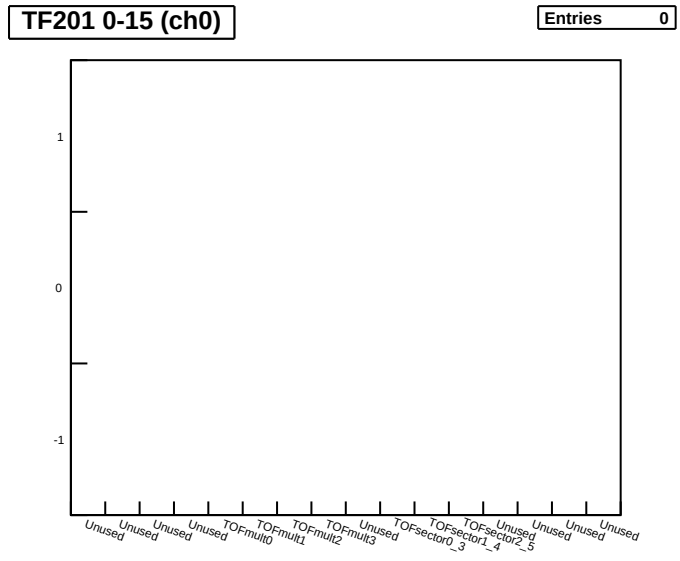

Entries 595100
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

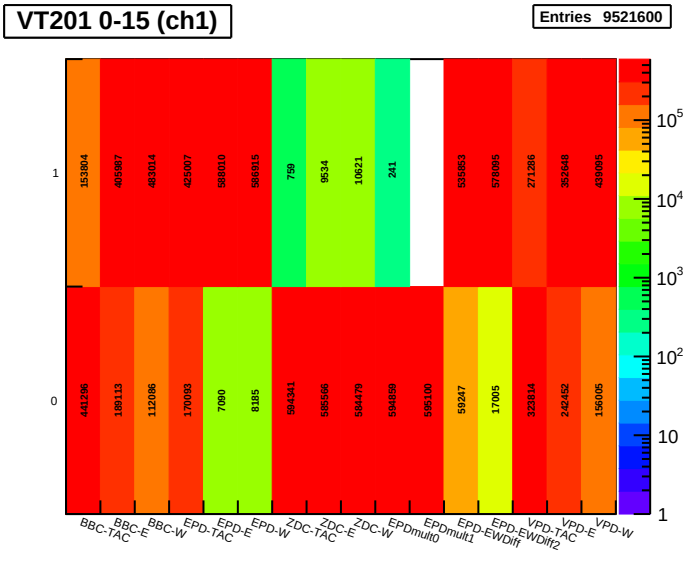

Entries 595100
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

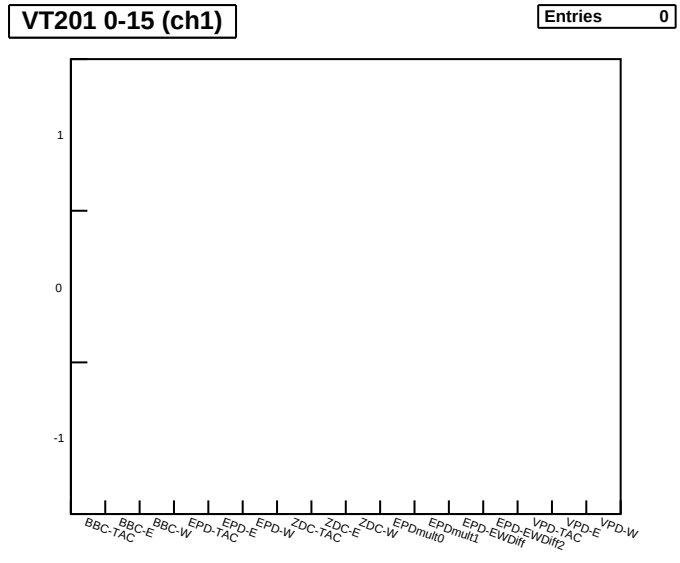

Laser Input Bits
Entries 595100
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

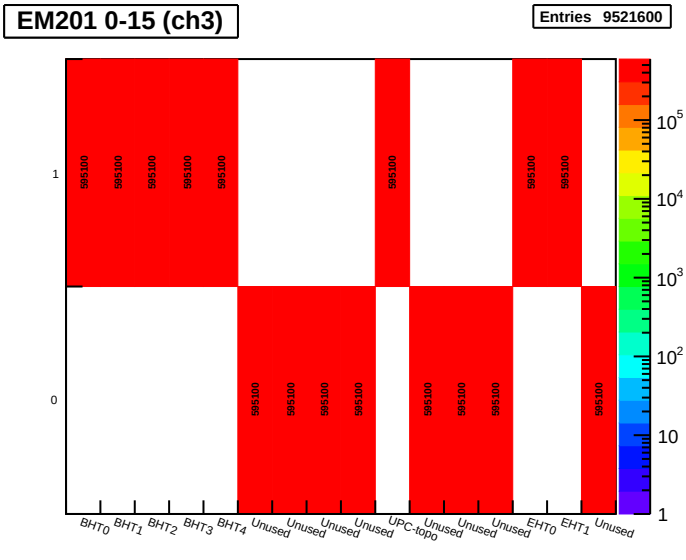

ST201 0-15 (ch6)
Entries 9521600
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
595100
595100
595100
595100
595100
595100
595100
595100
595100
595100
595100
595100
595100
595100
595097
595074
3
26
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

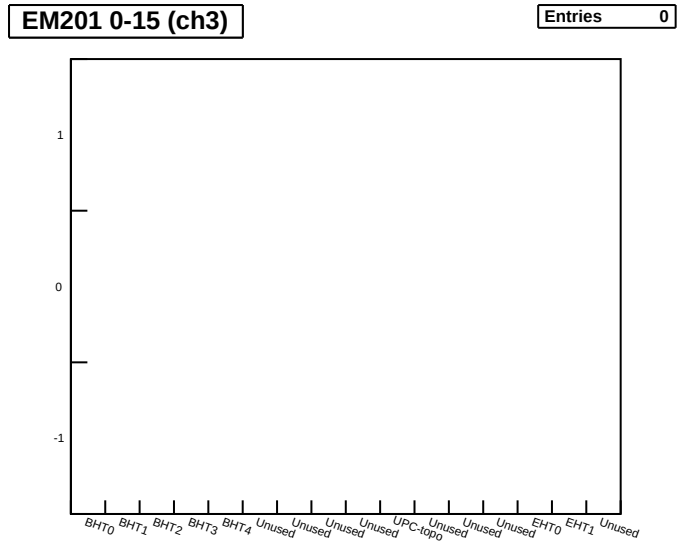

TF201 0-15 (ch0)
Entries 9521600
1
0
595100 595100 595100 595100 595100 595100 595100 595100 595100 595100 595100 595100 595100 595100 595100 595100
6333 63165 82589 210634 103069 103211 107875
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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


VT201 0-15 (ch1)
Entries 9521600
1
0
153804 405987 483014 425007 568010 586915 759 9534 10621 241 535853 578095 271266 352648 439085
441296 188113 112086 170093 7090 8185 594341 585566 584479 594859 595100 59247 17005 323814 242452 156005
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
1 10 10^2 10^3 10^4 10^5


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 9521600
1
0
595100 595100 595100 595100 595100 595100 595100 595100 595100
595100 595100 595100 595100 595100 595100 595100 595100
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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