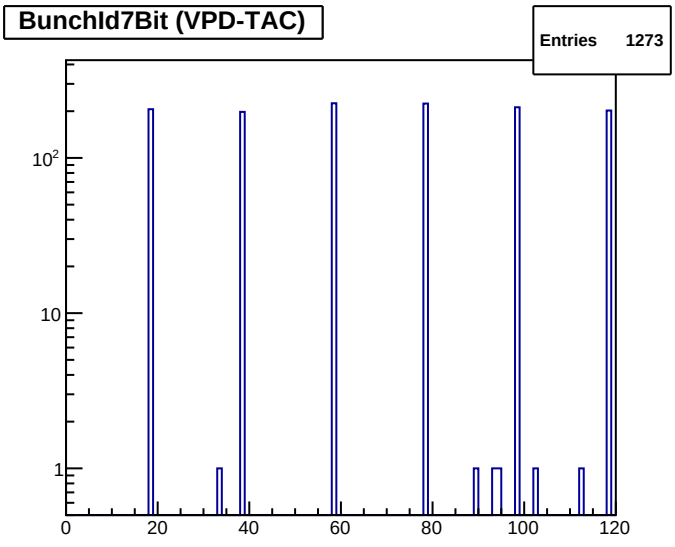
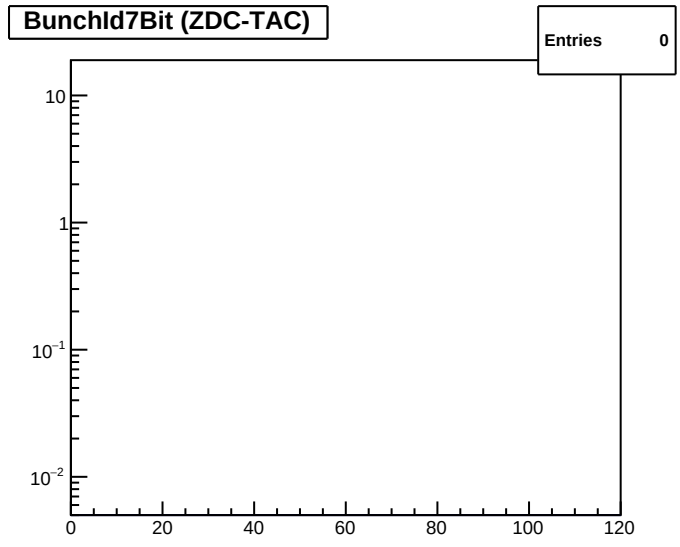
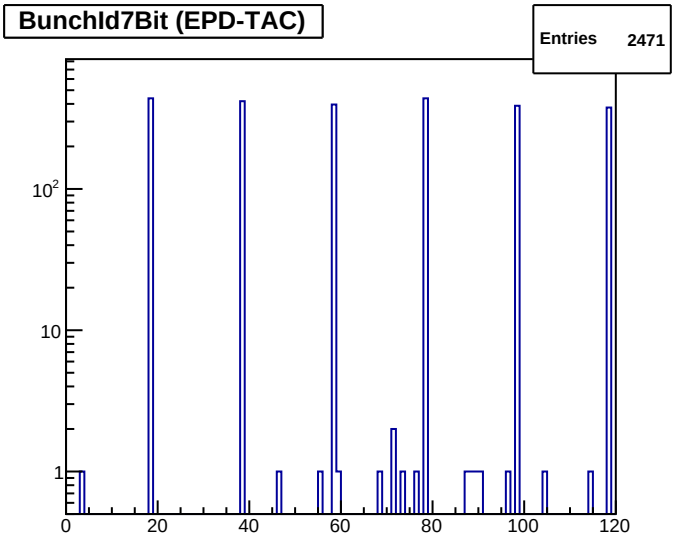
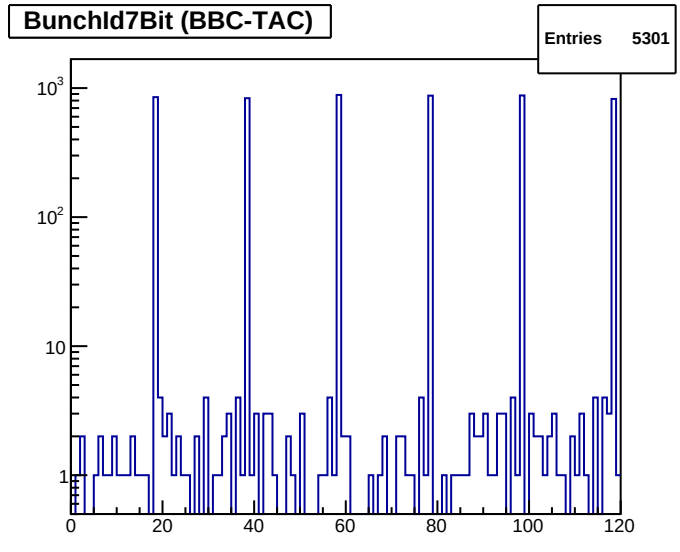
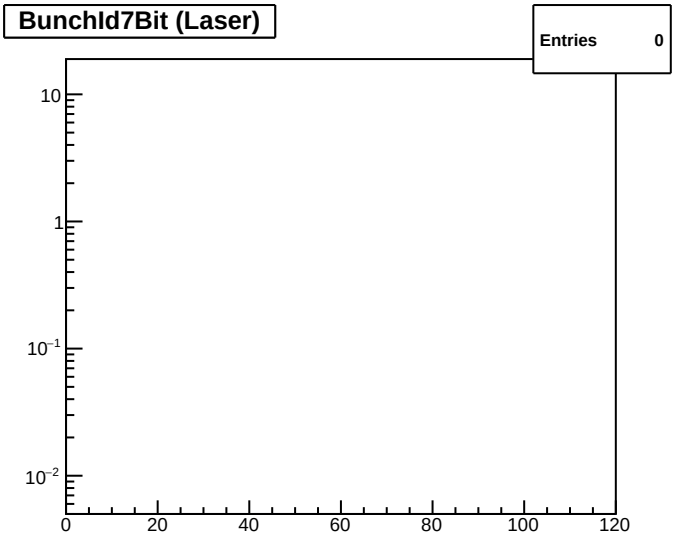
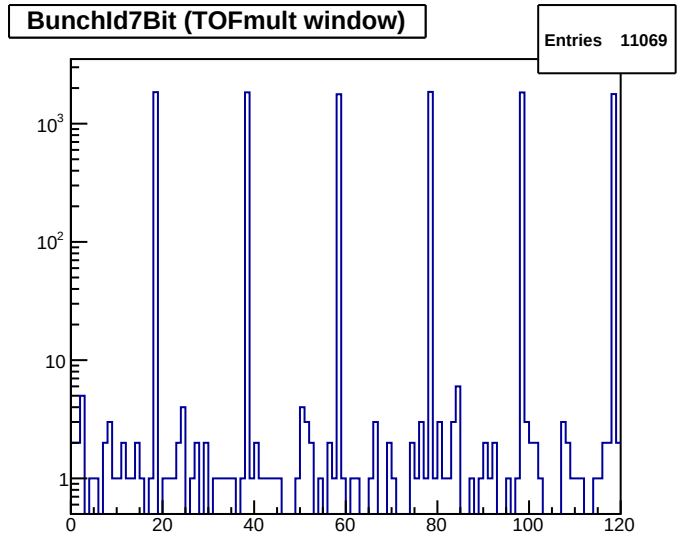

BunchId7Bit (VPD-TAC)
Entries 1273

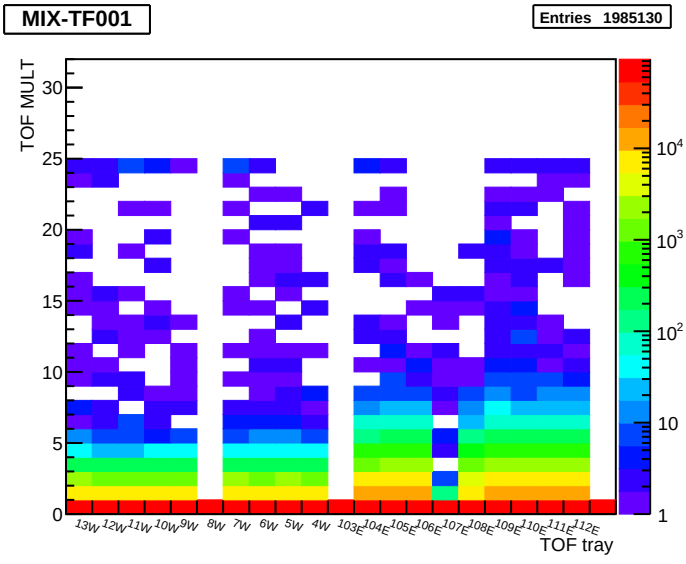

BunchId7Bit (ZDC-TAC)
Entries 0

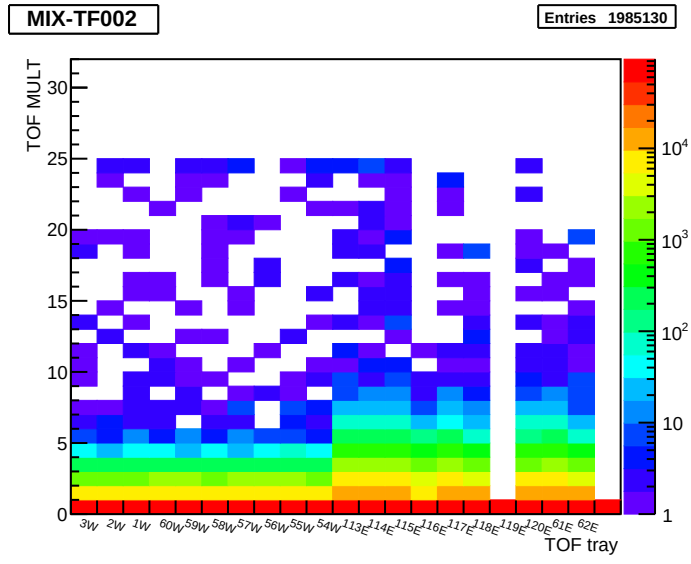

BunchId7Bit (EPD-TAC)
Entries 2471

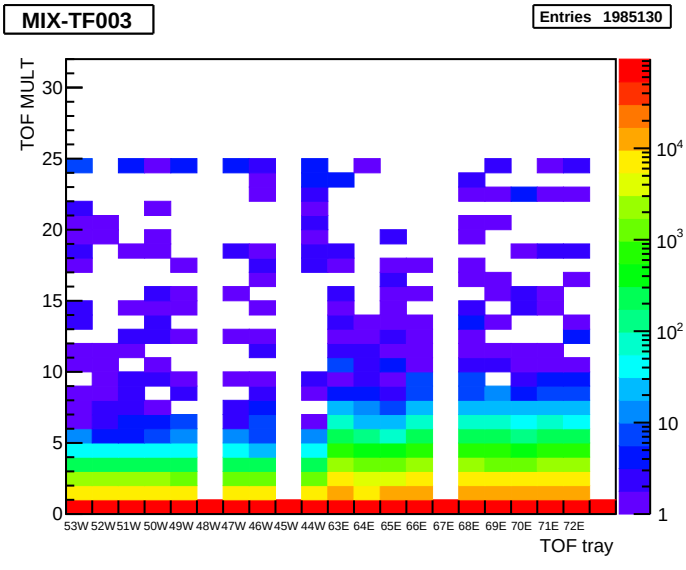

BunchId7Bit (BBC-TAC)
Entries 5301

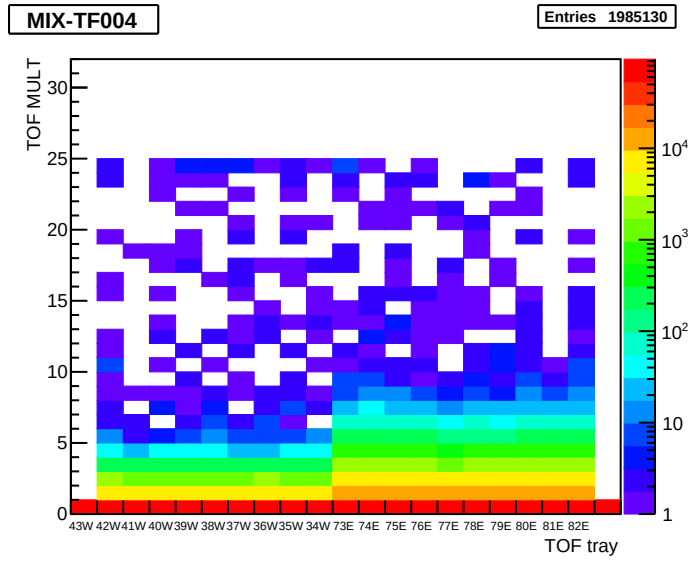

BunchId7Bit (Laser)
Entries 0

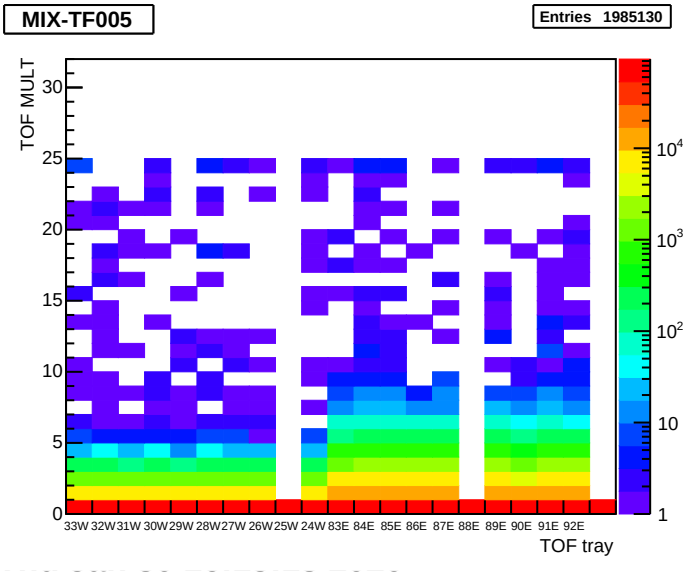

BunchId7Bit (TOFmult window)
Entries 11069

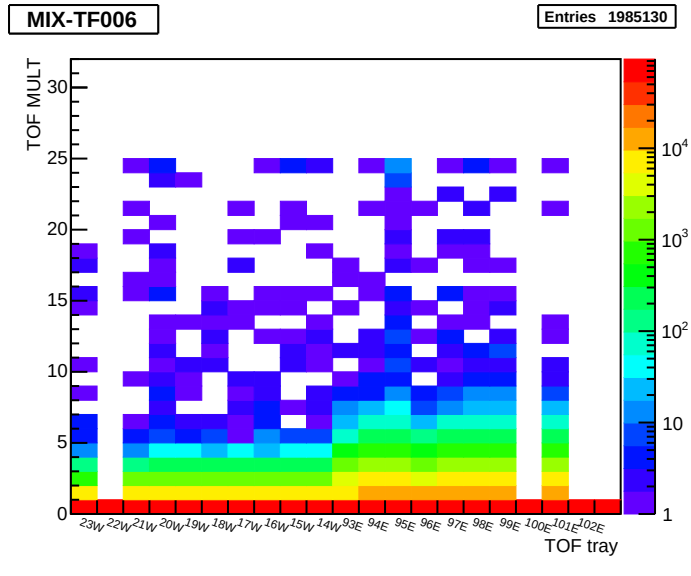

MIX-TF001
Entries 1985130
TOF MULT
TOF tray

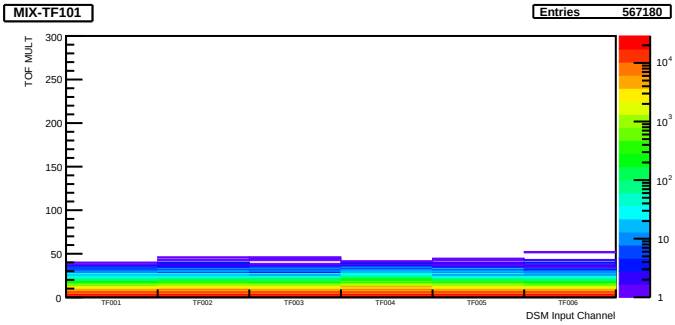

MIX-TF002
Entries 1985130
TOF MULT
TOF tray

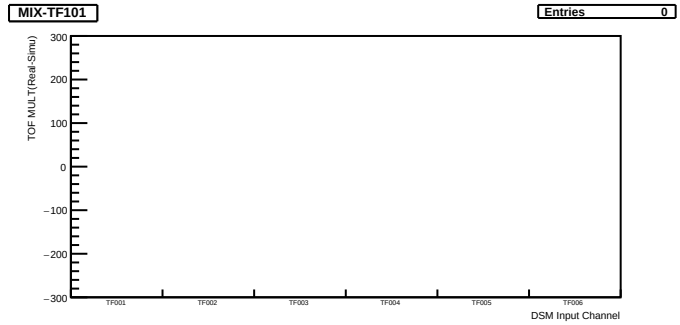

MIX-TF003
Entries 1985130
TOF MULT
TOF tray

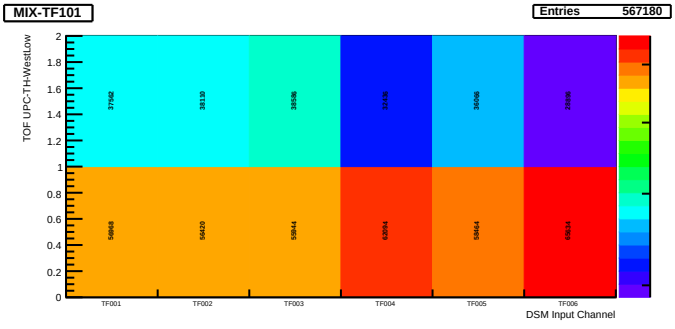

MIX-TF004
Entries 1985130
TOF MULT
TOF tray

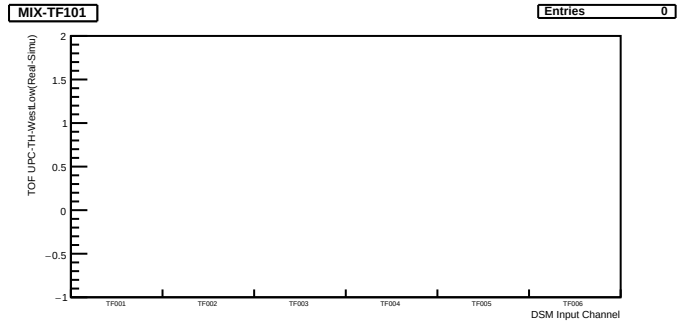

MIX-TF005
Entries 1985130
TOF MULT
TOF tray

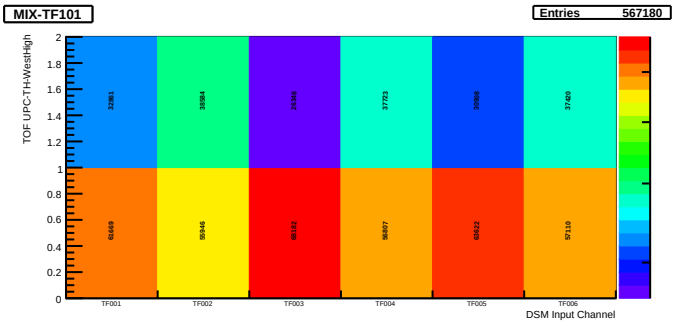

MIX-TF006
Entries 1985130
TOF MULT
TOF tray

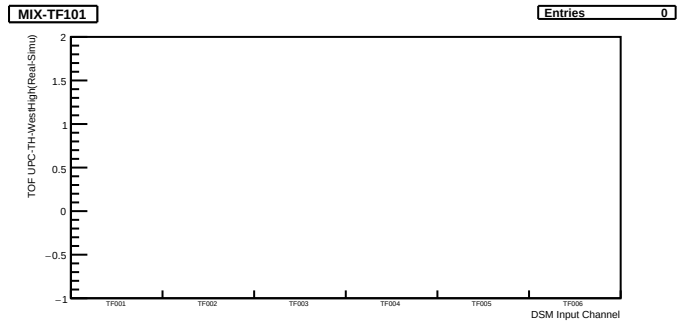

MIX-TF101
Entries 567180
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

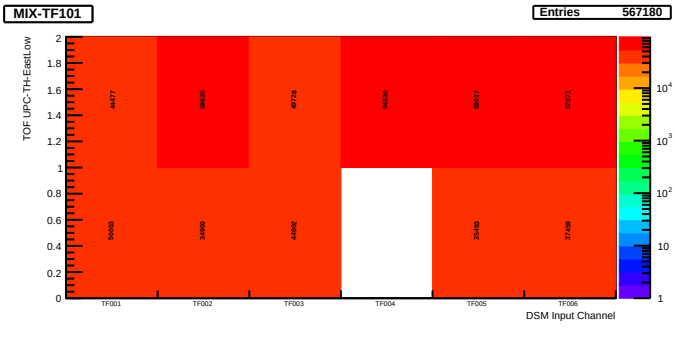

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

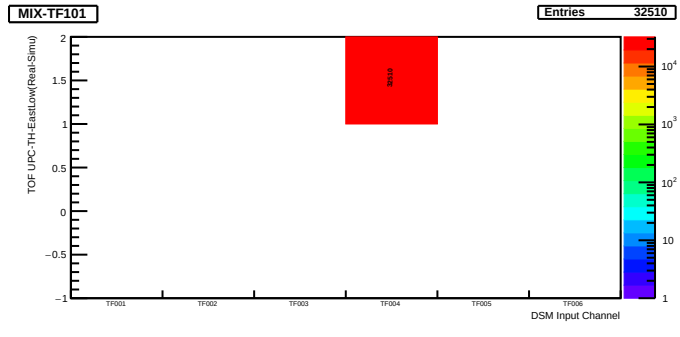

MIX-TF101
Entries 567180
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

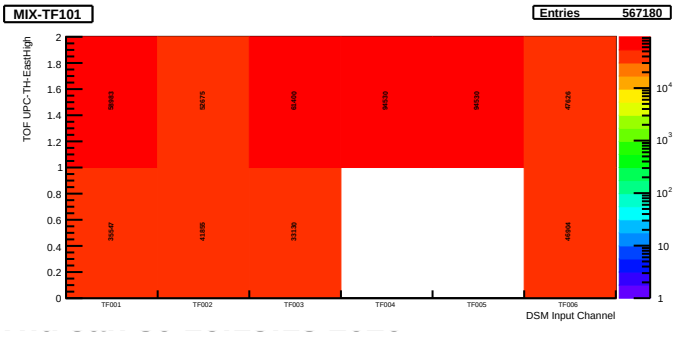

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

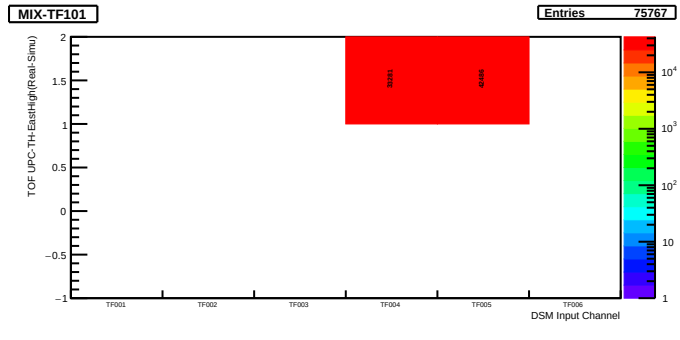

MIX-TF101
Entries 567180
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

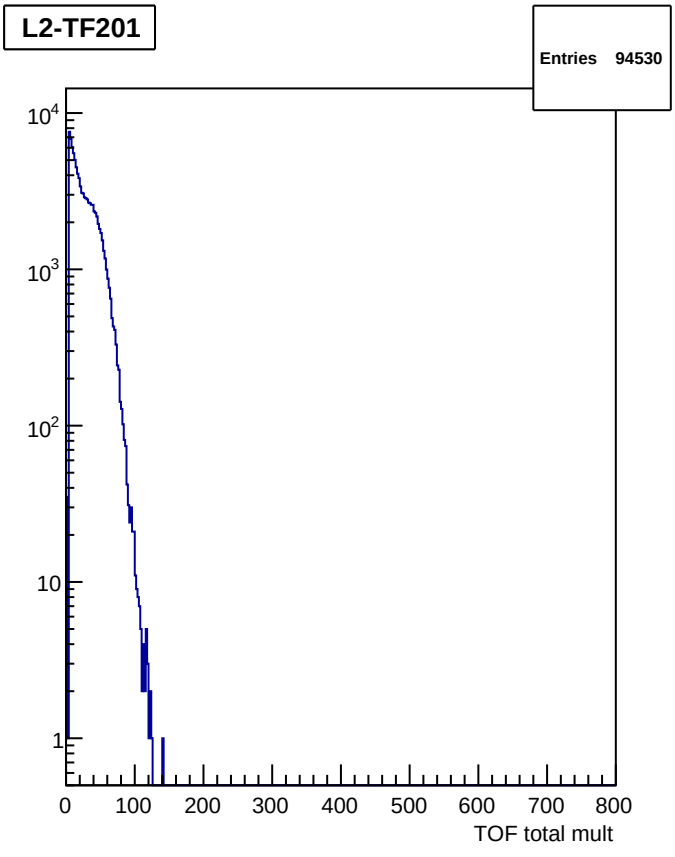

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

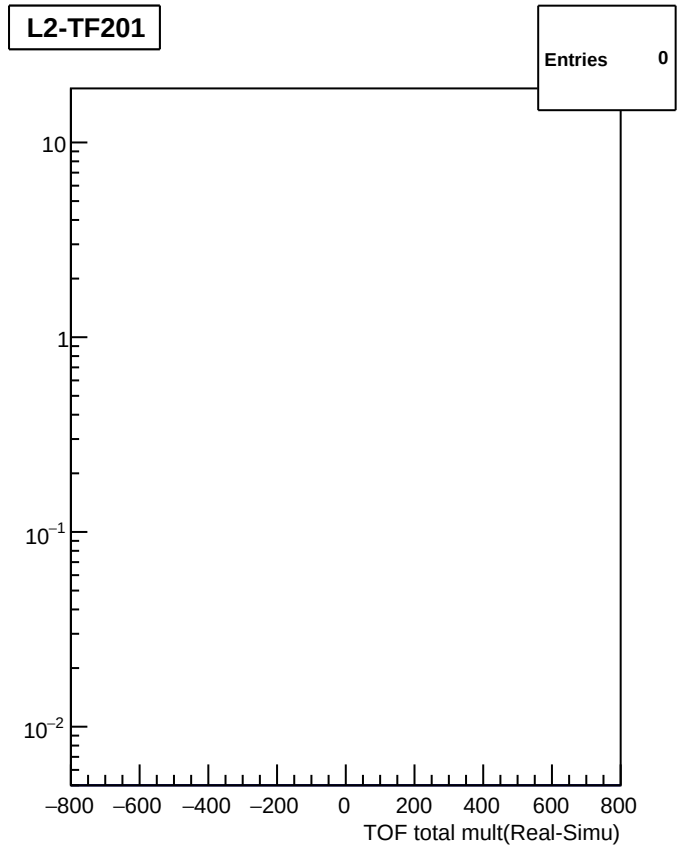

MIX-TF101
Entries 567180
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

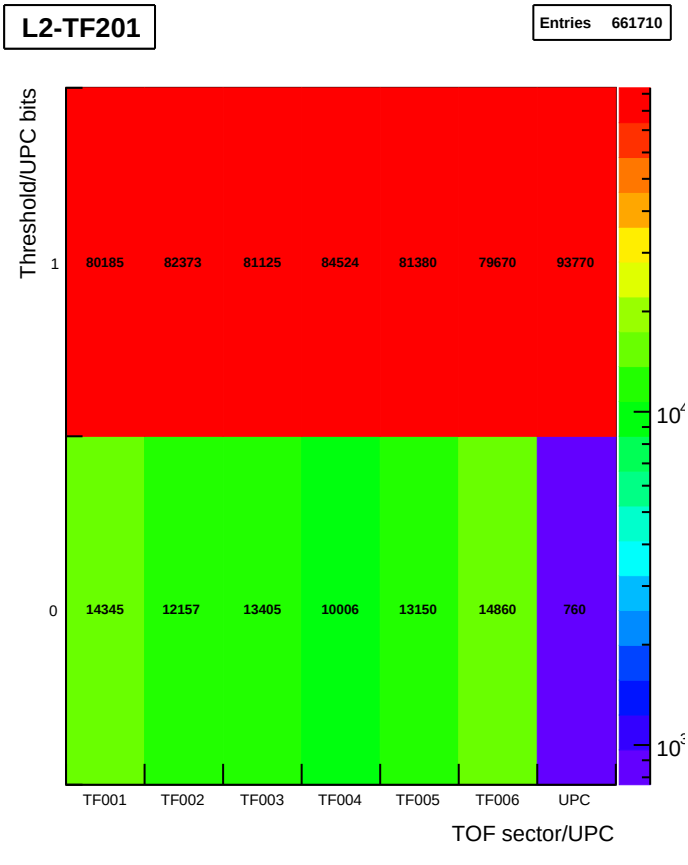

MIX-TF101
Entries 32510
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

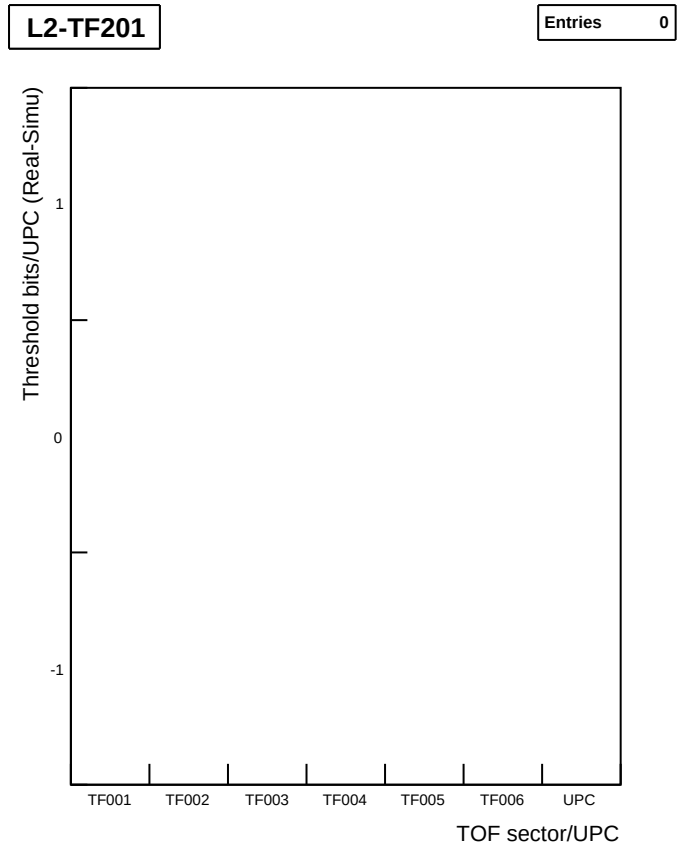

MIX-TF101
Entries 567180
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

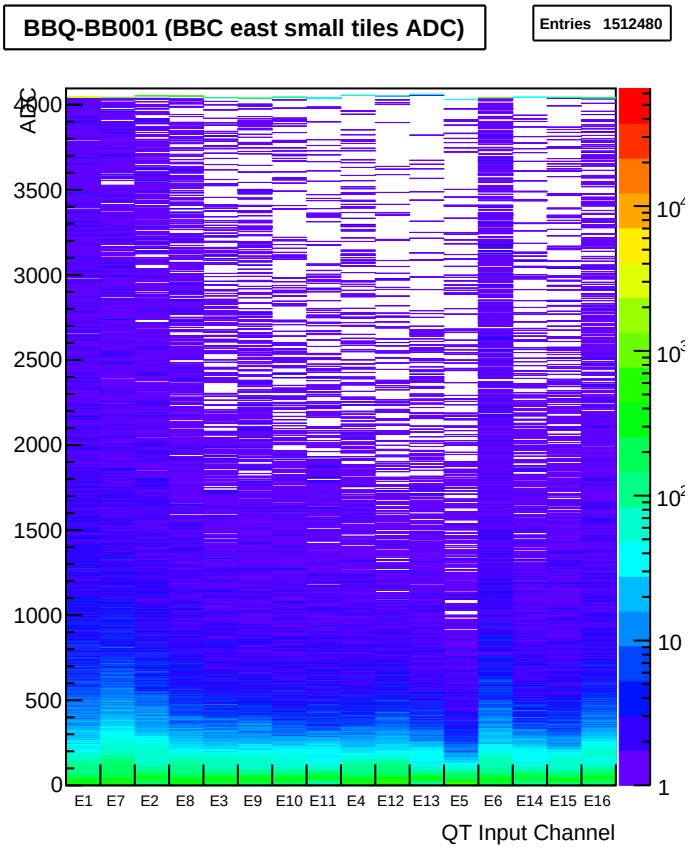

MIX-TF101
Entries 75767
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

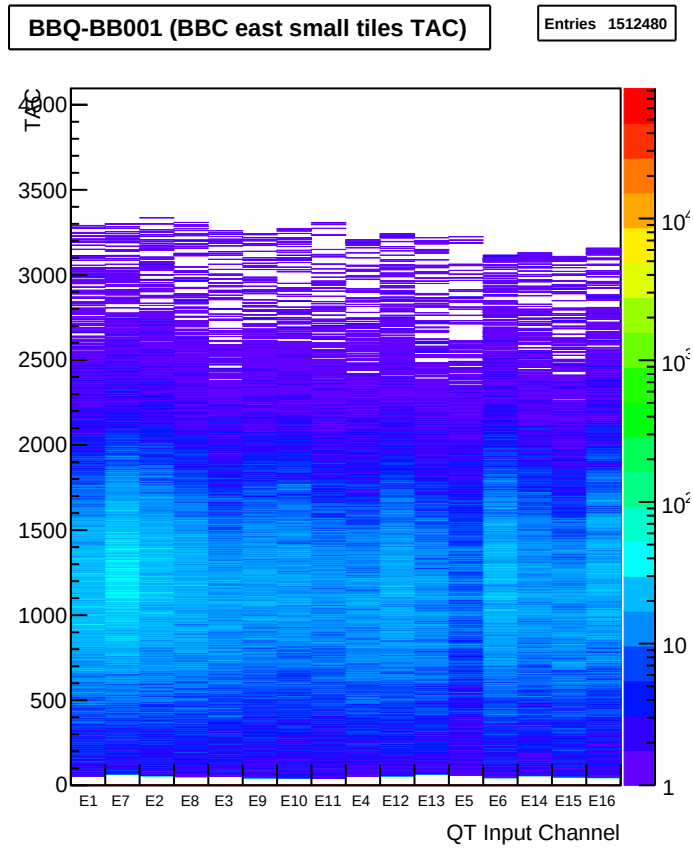

L2-TF201
Entries 94530
TOF total mult

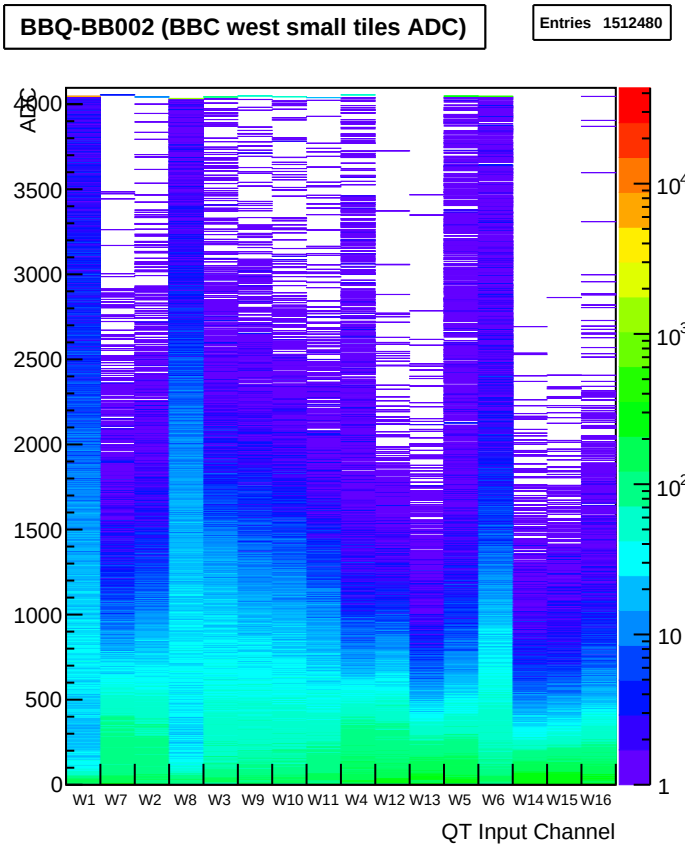

L2-TF201
Entries 0
TOF total mult(Real-Simu)

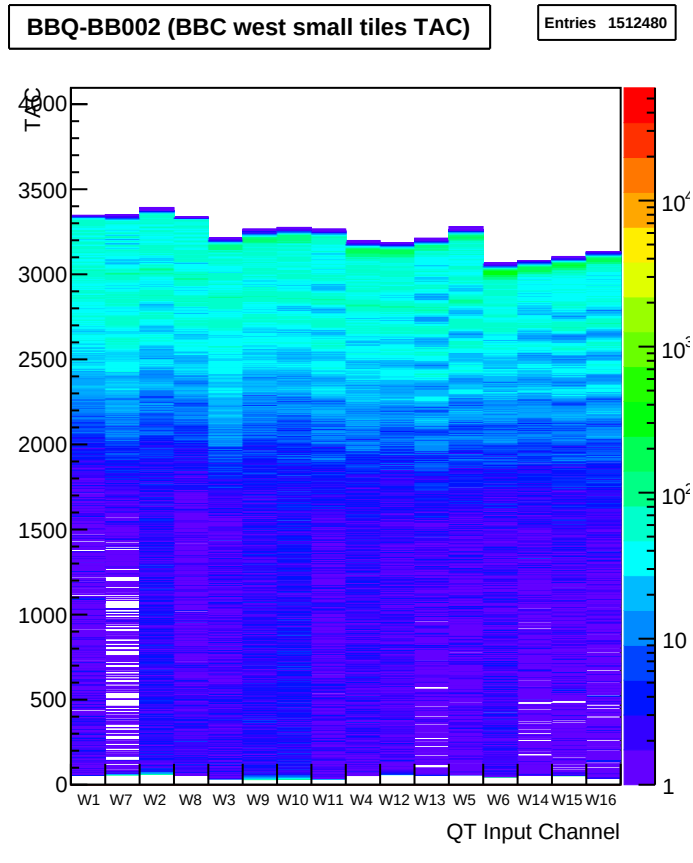

L2-TF201
Entries 661710
Threshold/UPC bits
80185
82373
81125
84524
81380
79670
93770
14345
12157
13405
10006
13150
14860
760
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

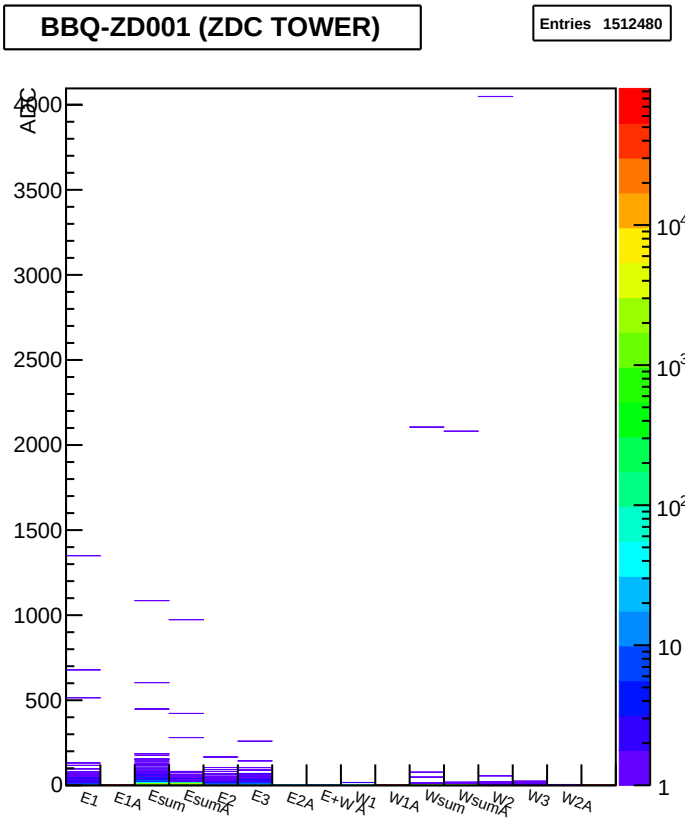

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

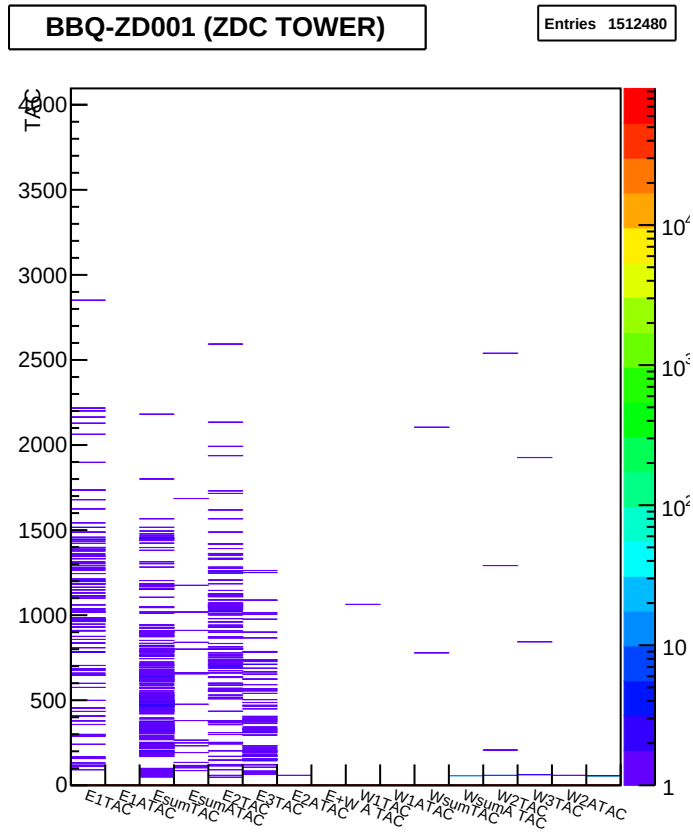

BBQ-BB001 (BBC east small tiles ADC)
Entries 1512480
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

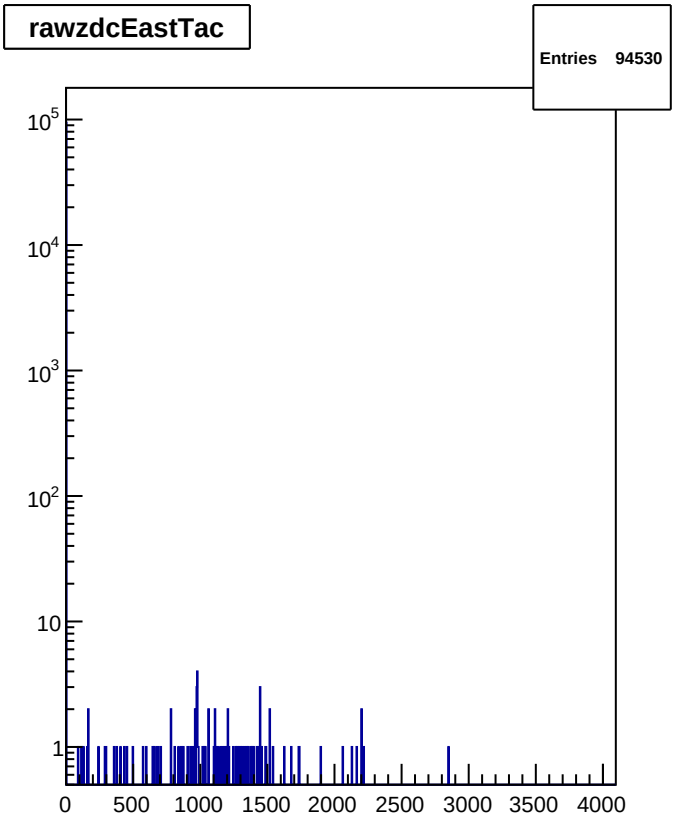

BBQ-BB001 (BBC east small tiles TAC)
Entries 1512480
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

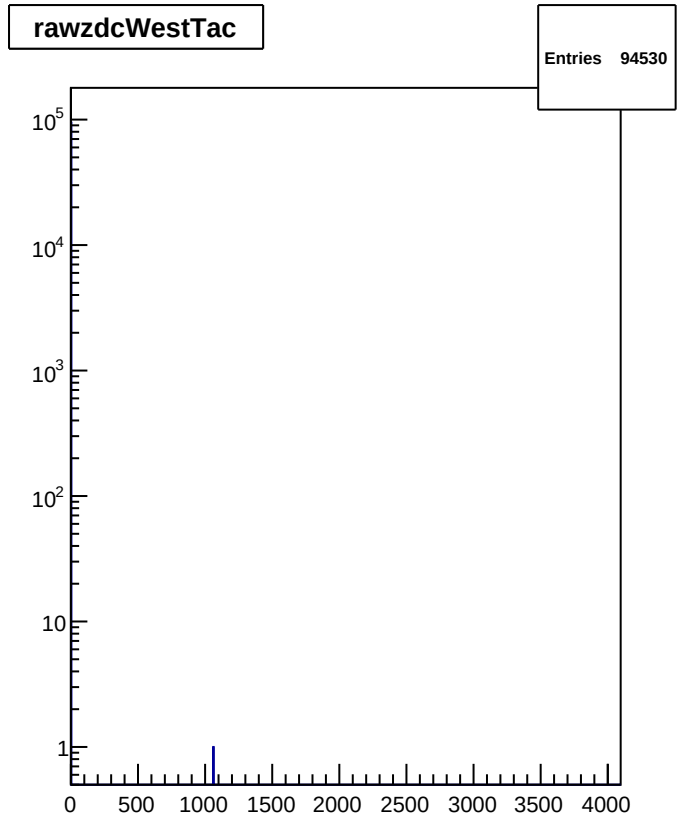

BBQ-BB002 (BBC west small tiles ADC)
Entries 1512480
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

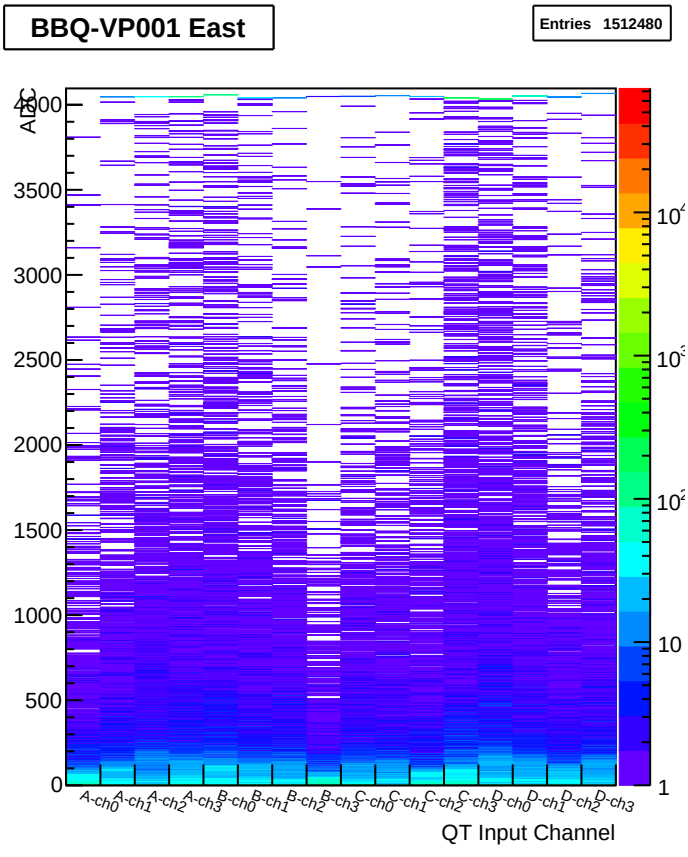

BBQ-BB002 (BBC west small tiles TAC)
Entries 1512480
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

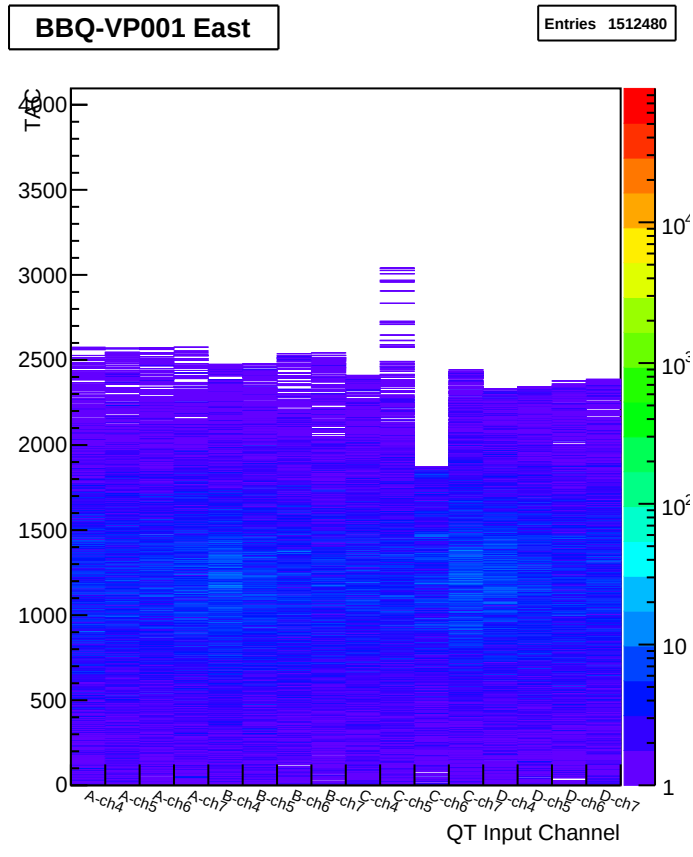

BBQ-ZD001 (ZDC TOWER)
Entries 1512480
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W A
W1
W1A
Wsum
WsumA
W2
W3
W2A

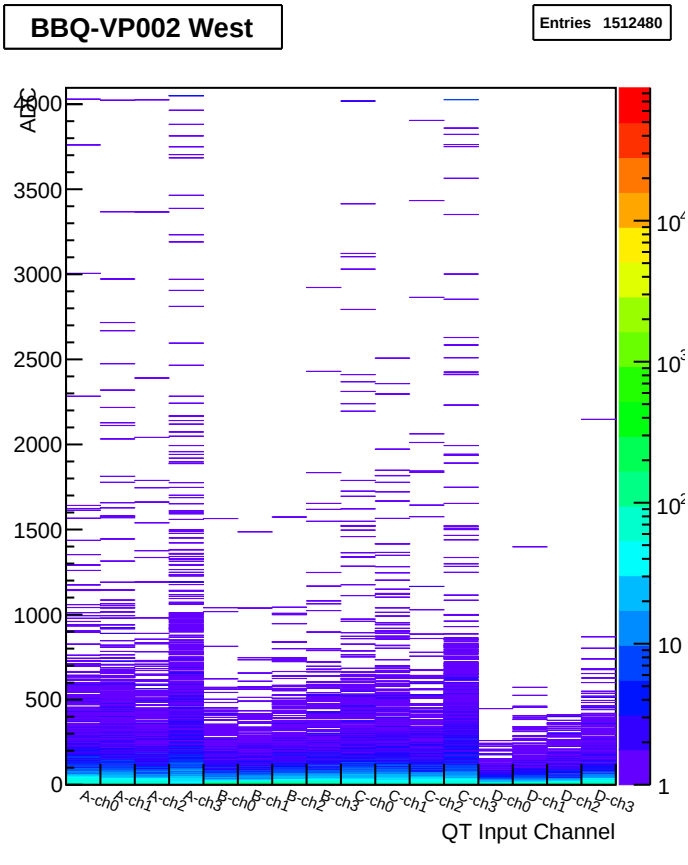

BBQ-ZD001 (ZDC TOWER)
Entries 1512480
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

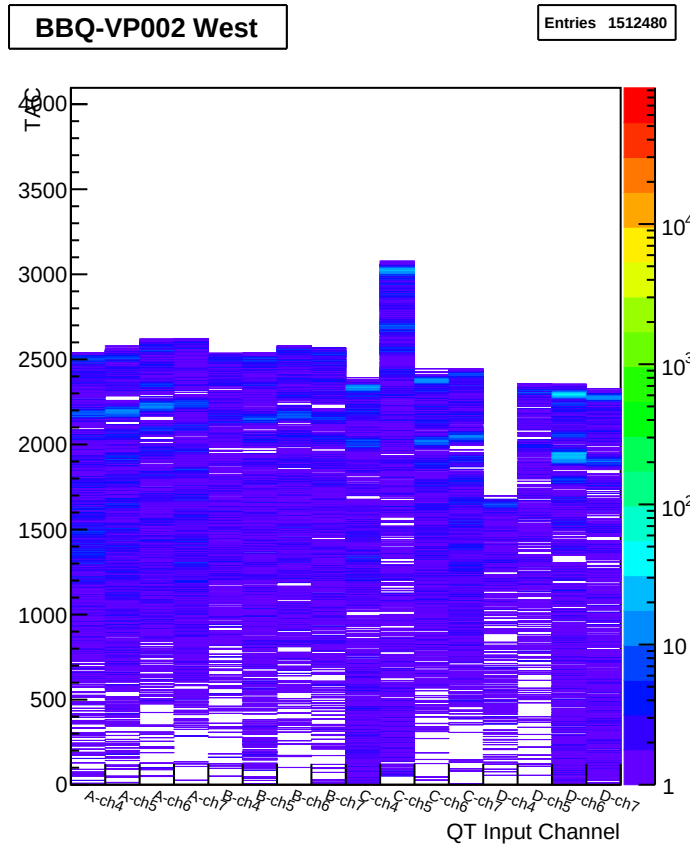

rawzdcEastTac
Entries 94530

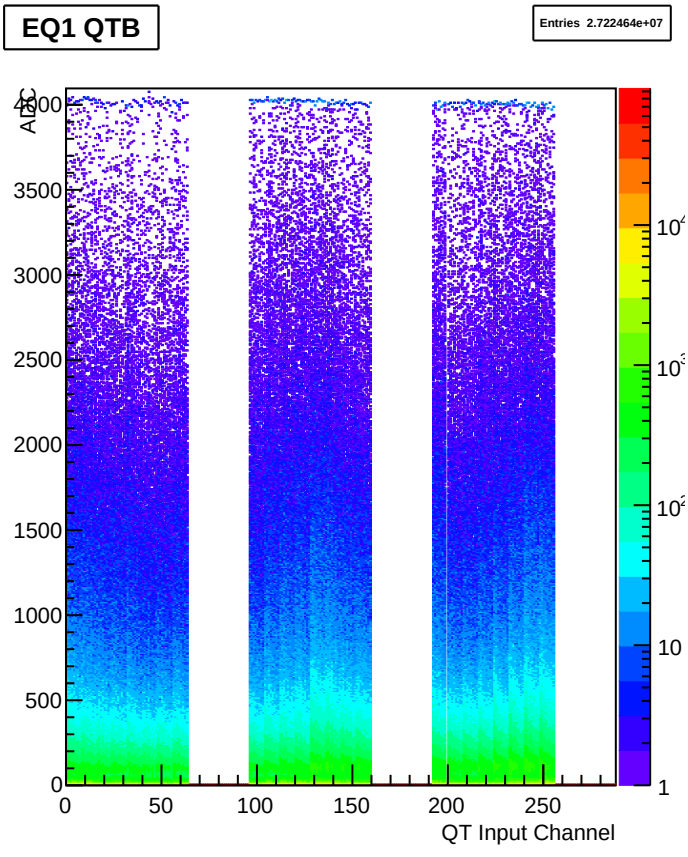

rawzdcWestTac
Entries 94530

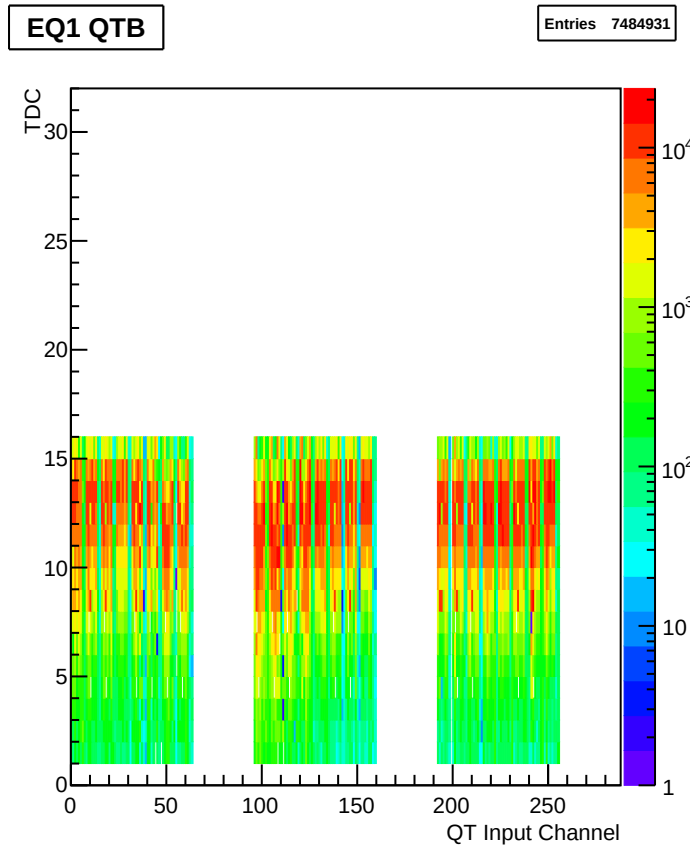

BBQ-VP001 East
Entries 1512480
ADC
QT Input Channel

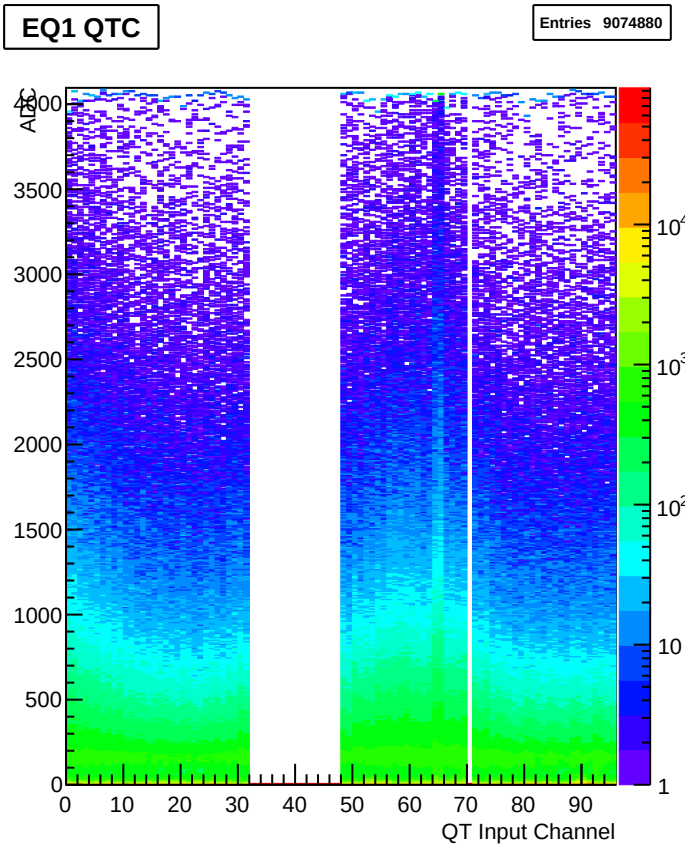

BBQ-VP001 East
Entries 1512480
TADC
QT Input Channel

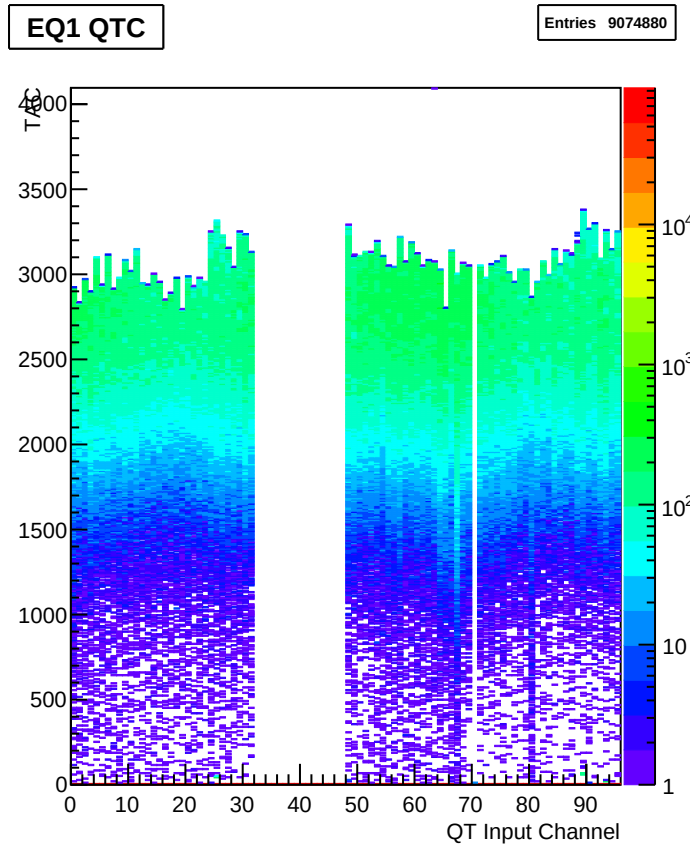

BBQ-VP002 West
Entries 1512480
ADC
QT Input Channel

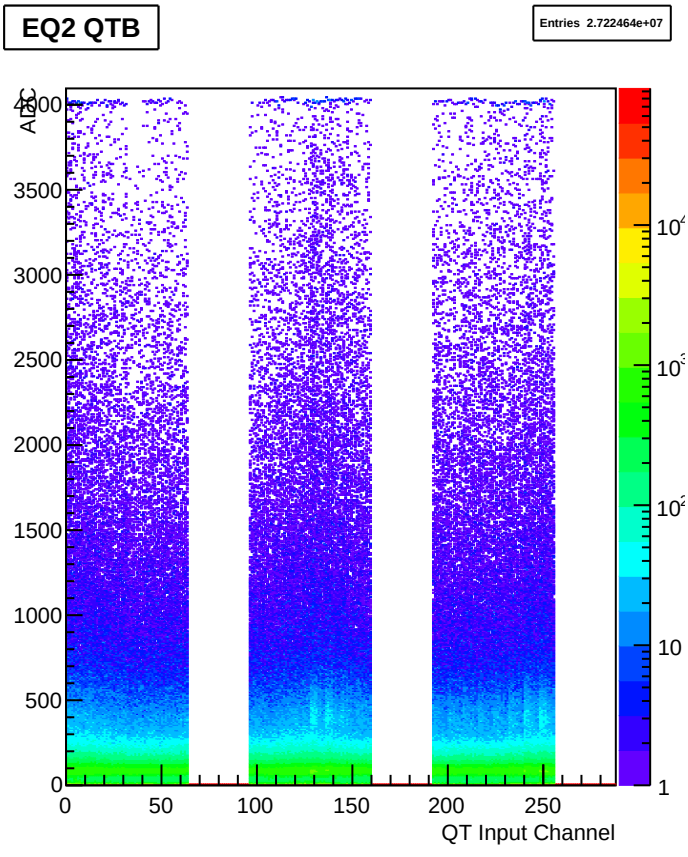

BBQ-VP002 West
Entries 1512480
TADC
QT Input Channel

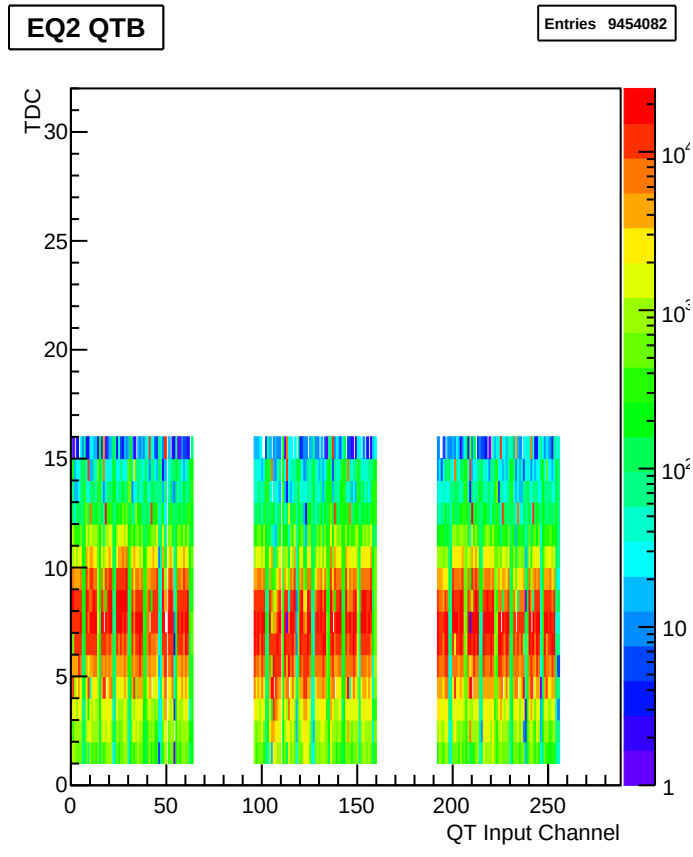

EQ1 QTB
Entries 2.722464e+07
ADC
QT Input Channel

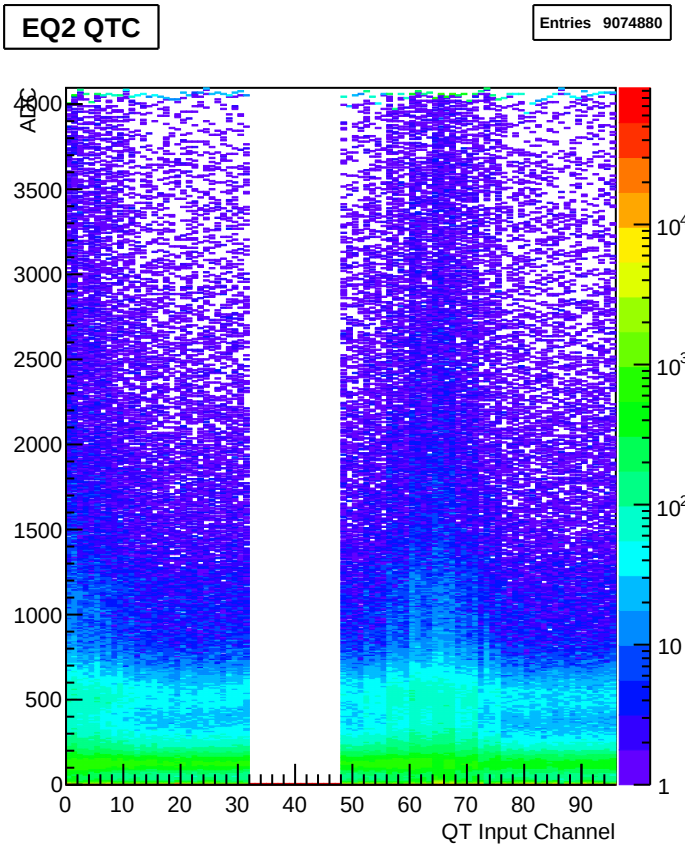

EQ1 QTB
Entries 7484931
TDC
QT Input Channel

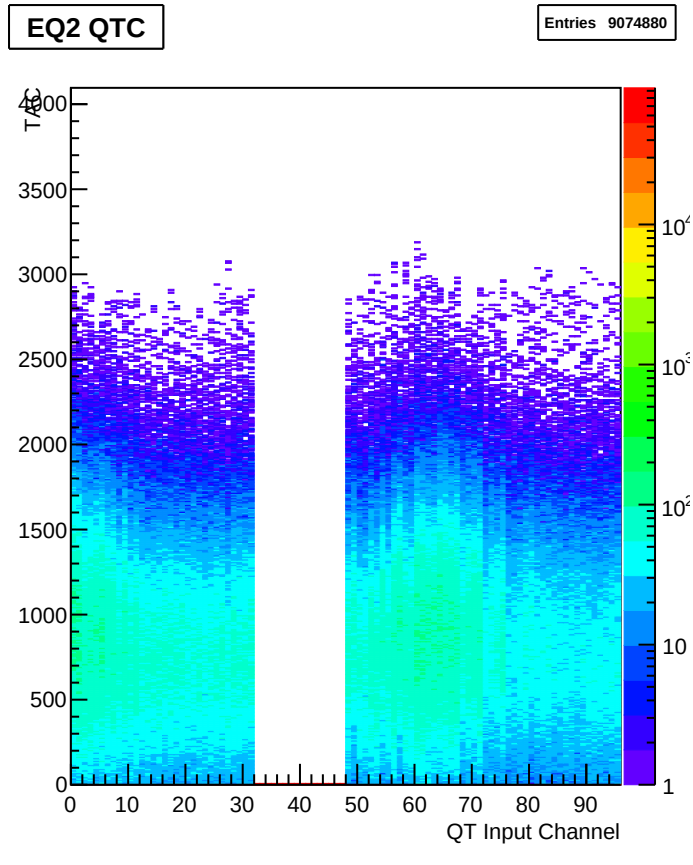

EQ1 QTC
Entries 9074880
ADC
QT Input Channel

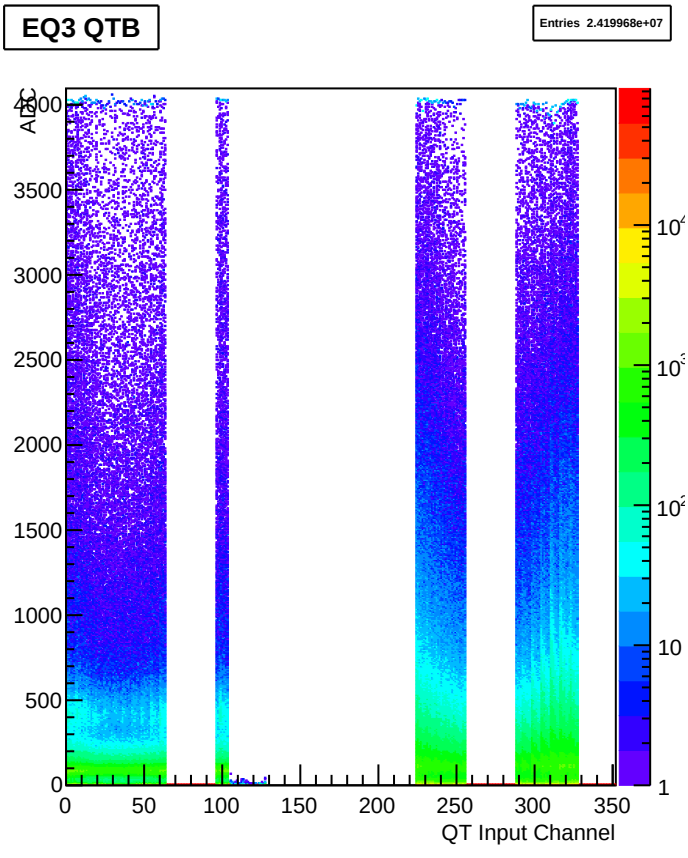

EQ1 QTC
Entries 9074880
TADC
QT Input Channel

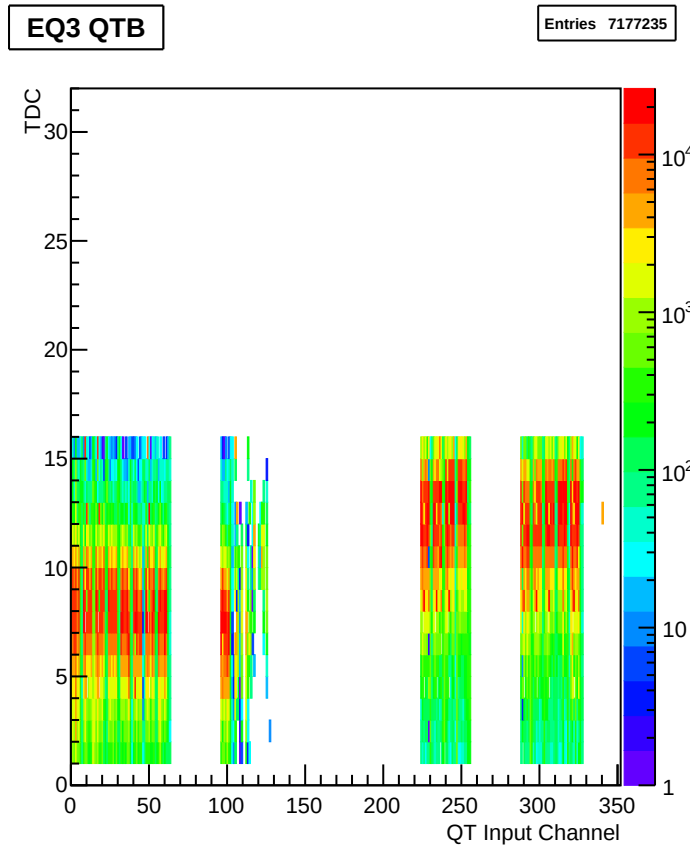

EQ2 QTB
Entries 2.722464e+07
ADC
QT Input Channel

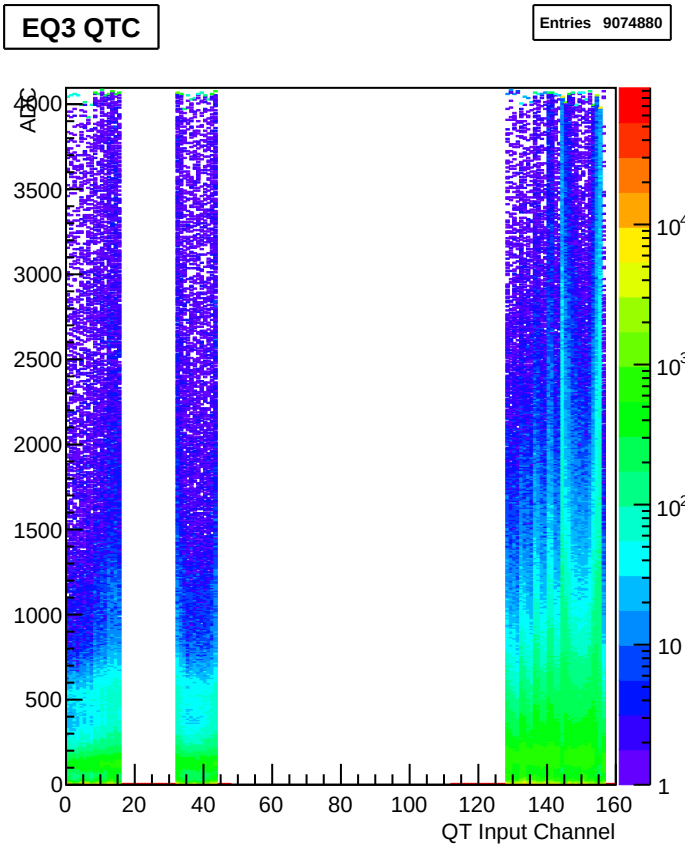

EQ2 QTB
Entries 9454082
TDC
QT Input Channel

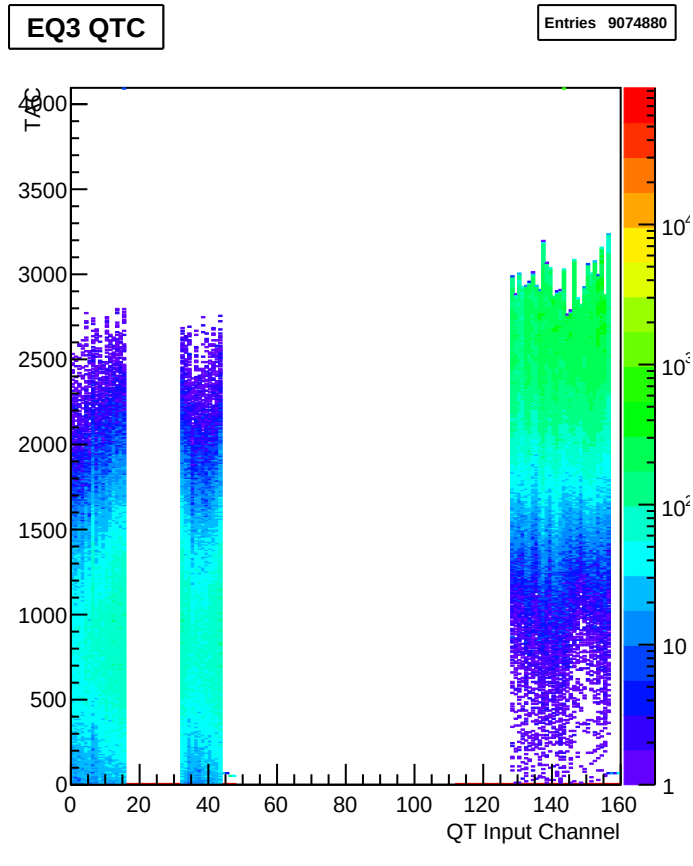

EQ2 QTC
Entries 9074880
ADC
QT Input Channel

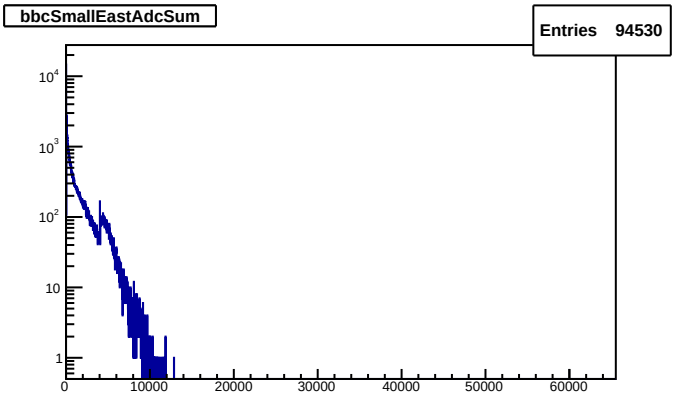

EQ2 QTC
Entries 9074880
TADC
QT Input Channel

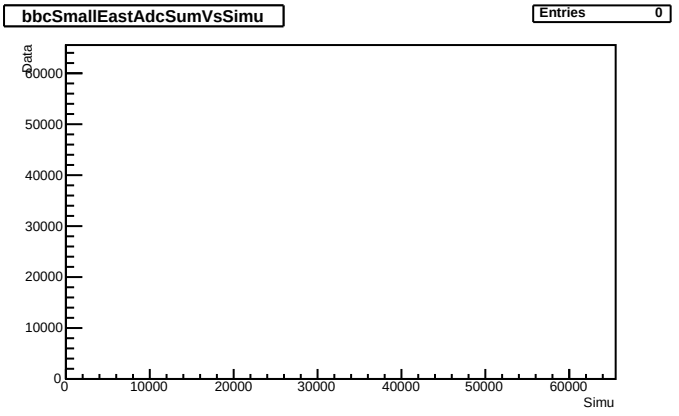

EQ3 QTB
Entries 2.419968e+07
ADC
QT Input Channel

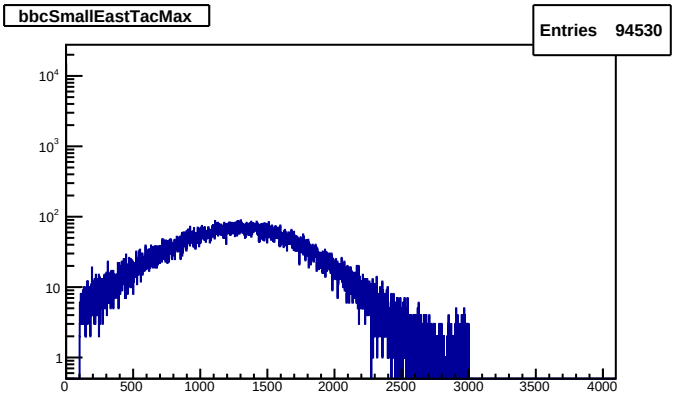

EQ3 QTB
Entries 7177235
TDC
QT Input Channel

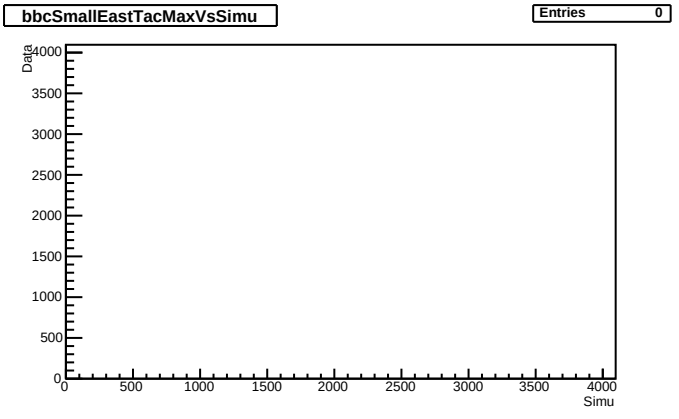

EQ3 QTC
Entries 9074880
ADC
QT Input Channel

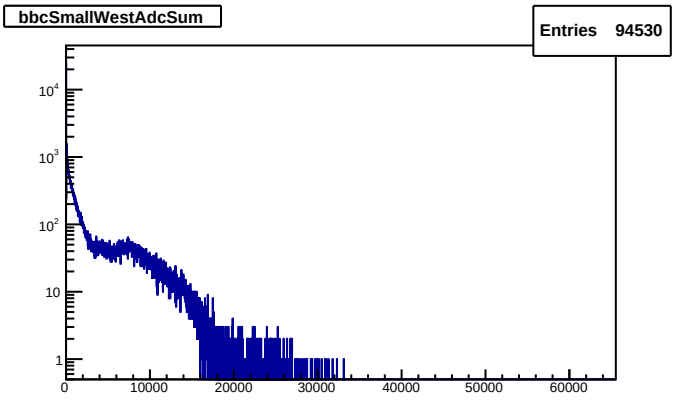

EQ3 QTC
Entries 9074880
TADC
QT Input Channel

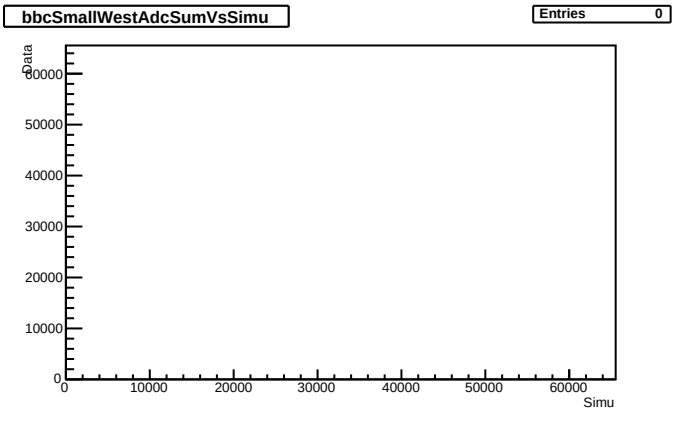

bbcSmallEastAdcSum
Entries 94530


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 94530


bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu


bbcSmallWestAdcSum
Entries 94530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Entries 0
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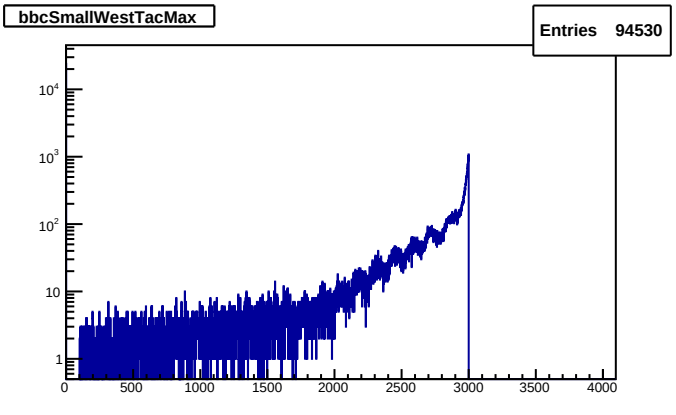
Simu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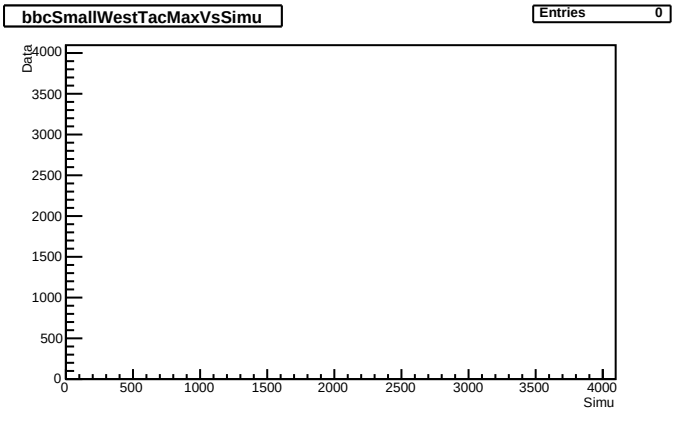
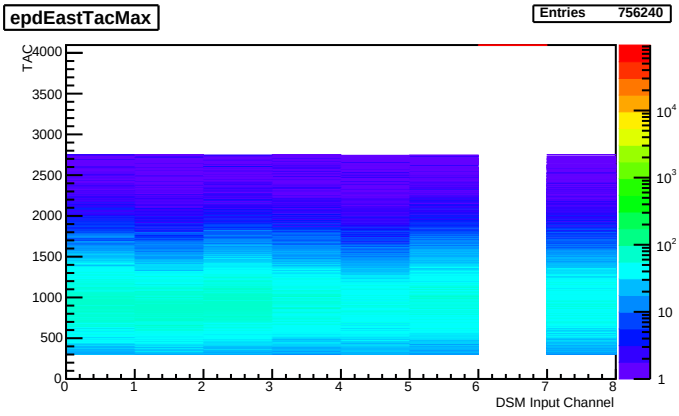
Entries 94530


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 756240
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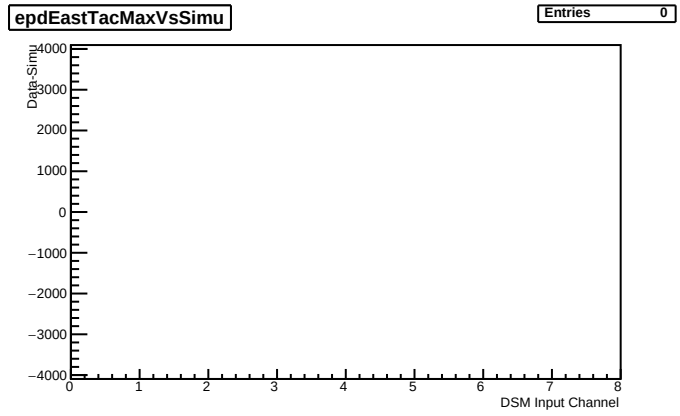
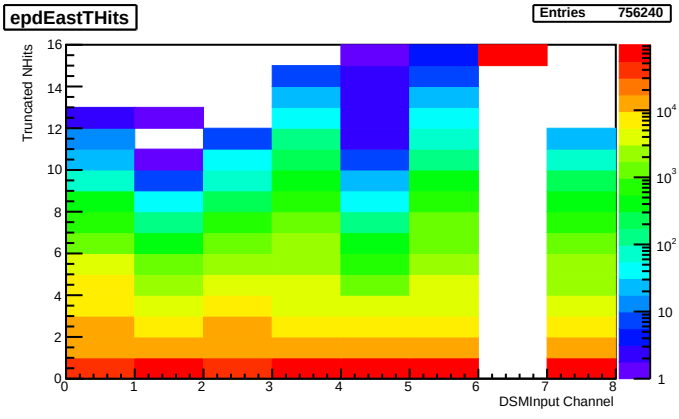
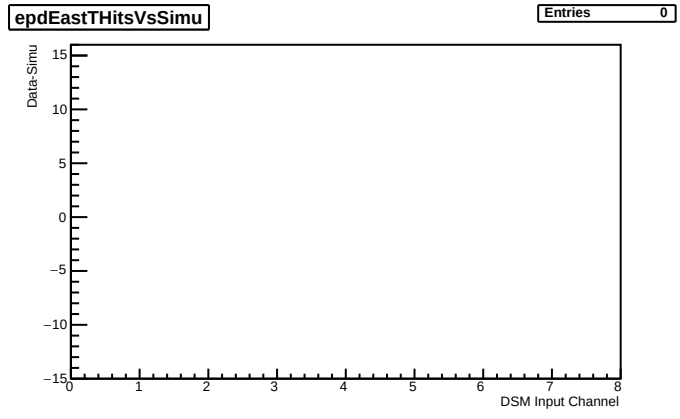
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 756240
Truncated NHits
DSMInput Channel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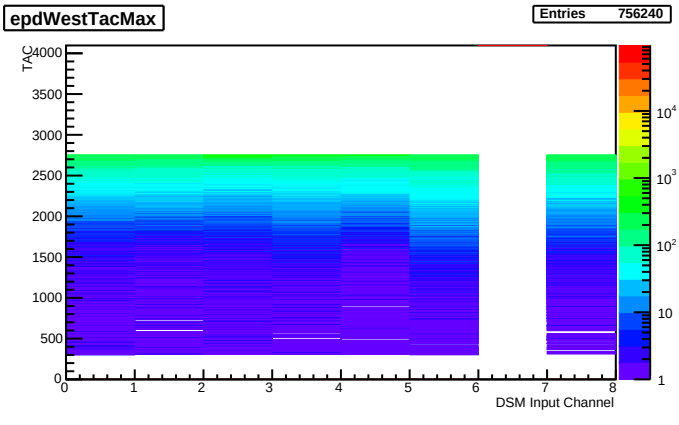
Data-Simu
DSM Input Channel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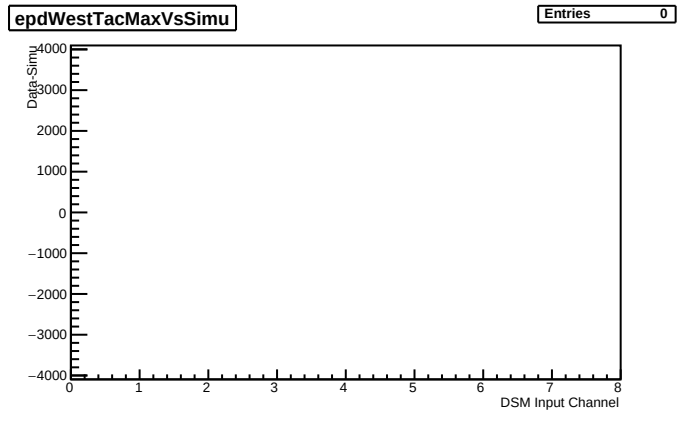
DSM Input Channel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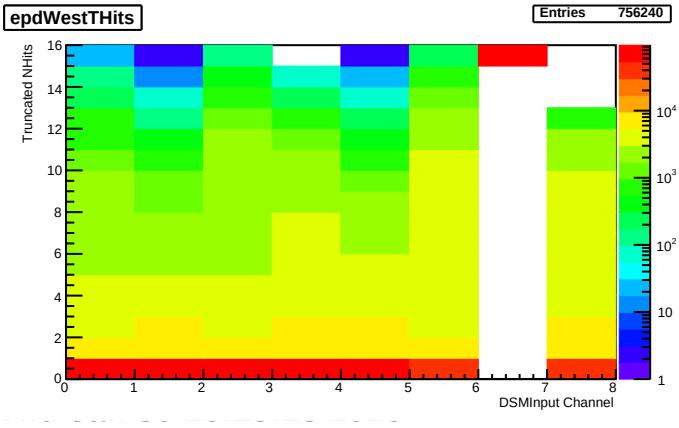
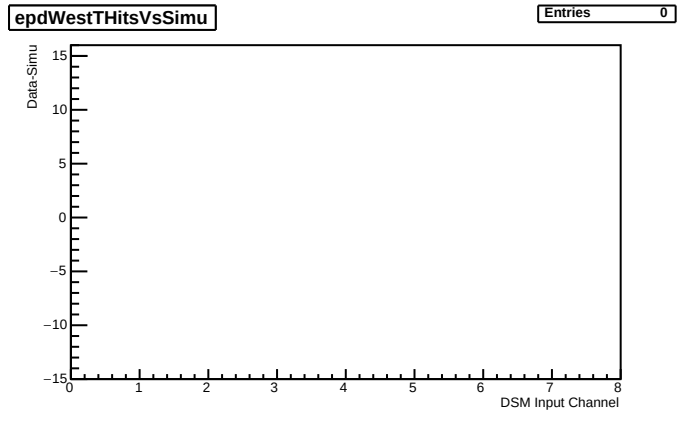
Data-Simu
DSM Input Channel


epdWestTHits
Entries 756240
Truncated NHits
DSMInput Channel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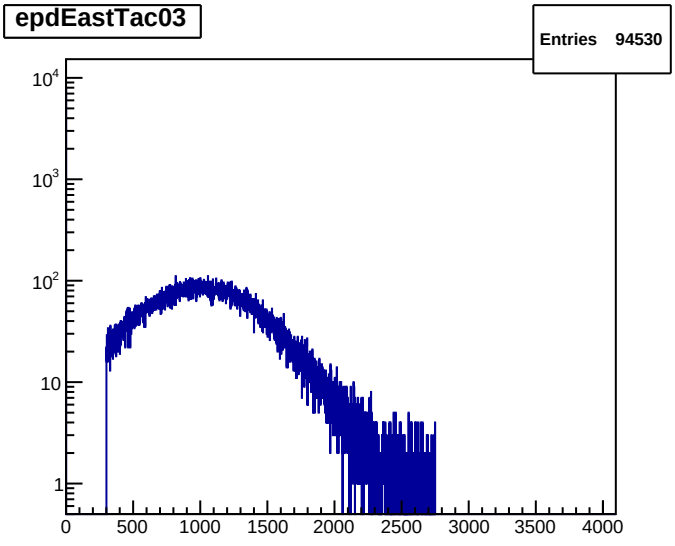
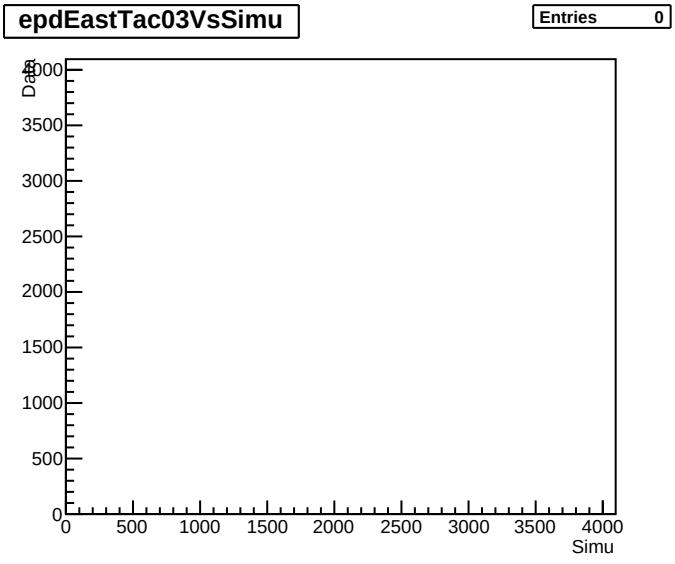
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 94530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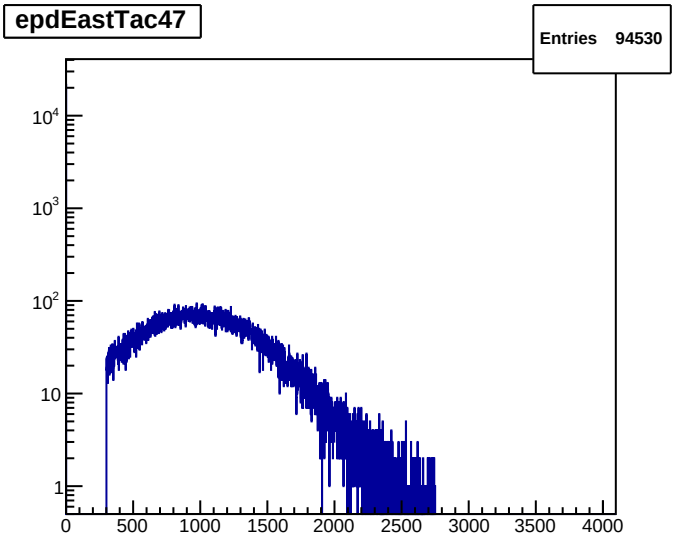
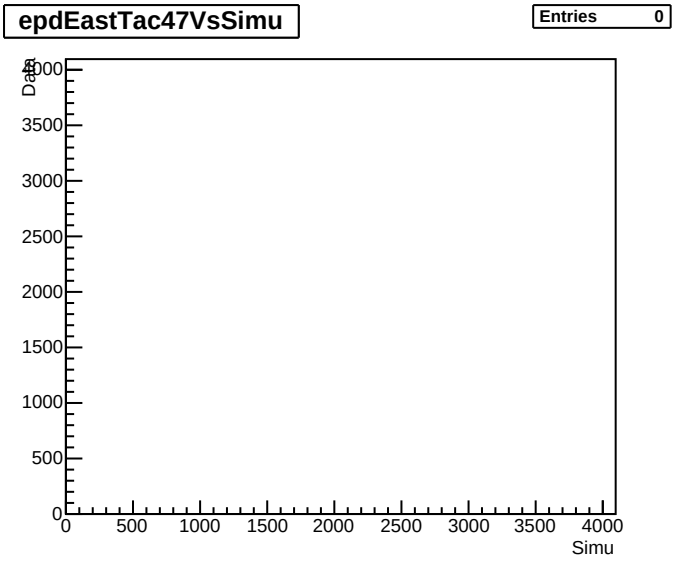
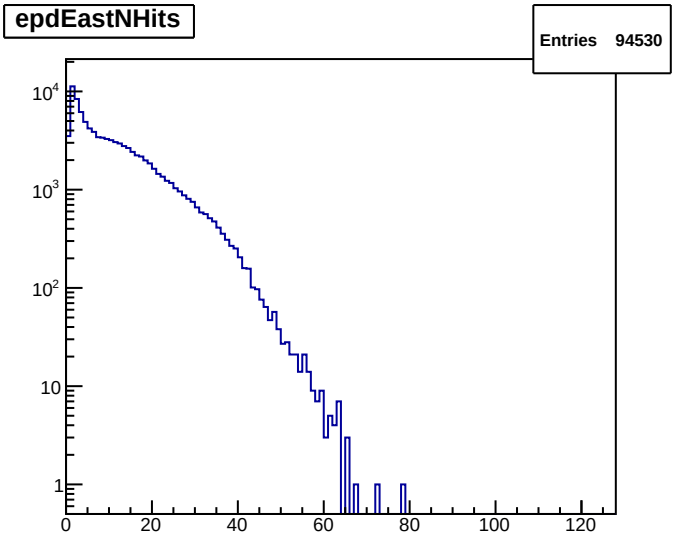
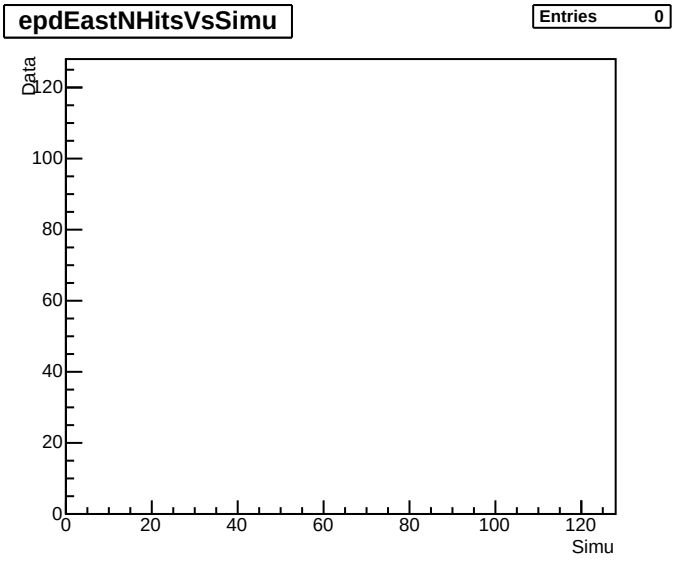
Entries 0
Data
Simu


epdEastTac47
Entries 94530


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 94530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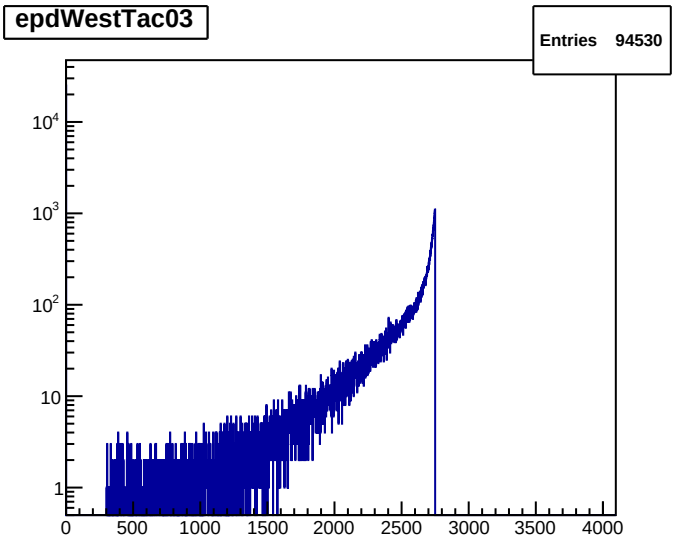
Data
Simu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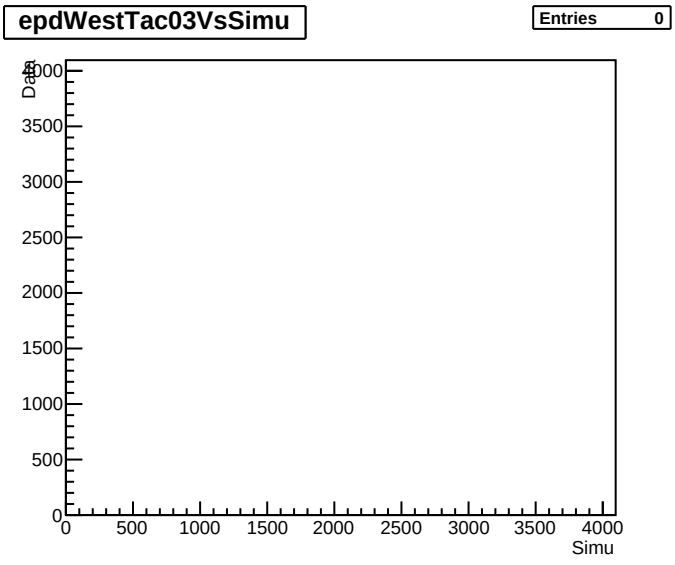
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Entries 0
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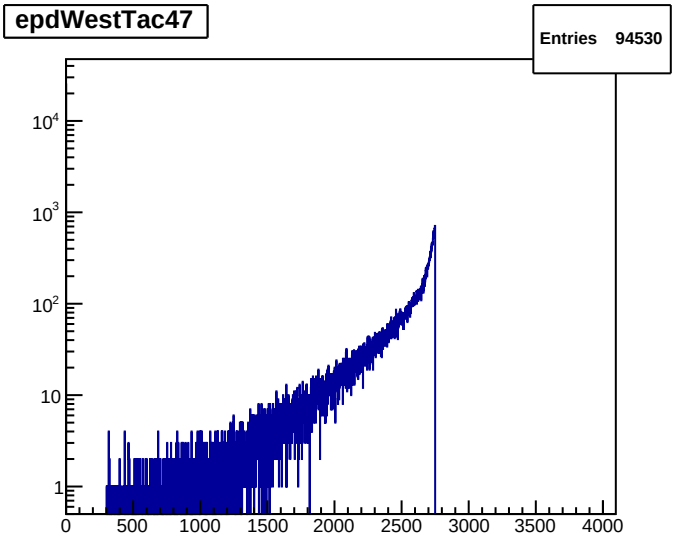
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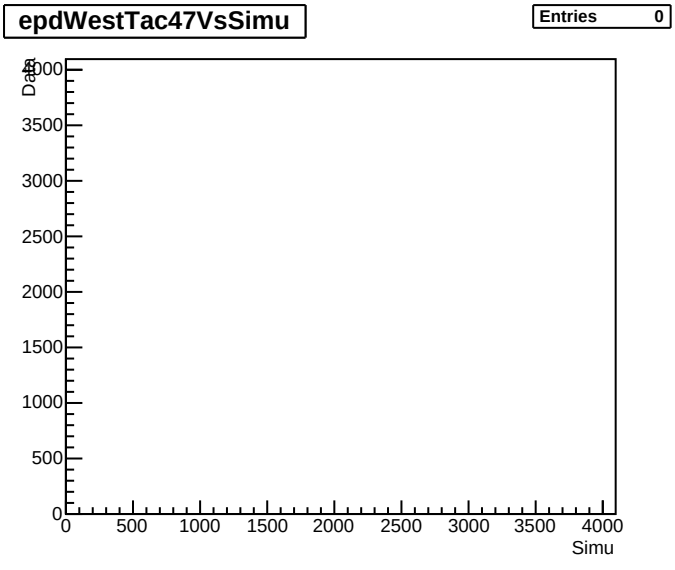
Entries 94530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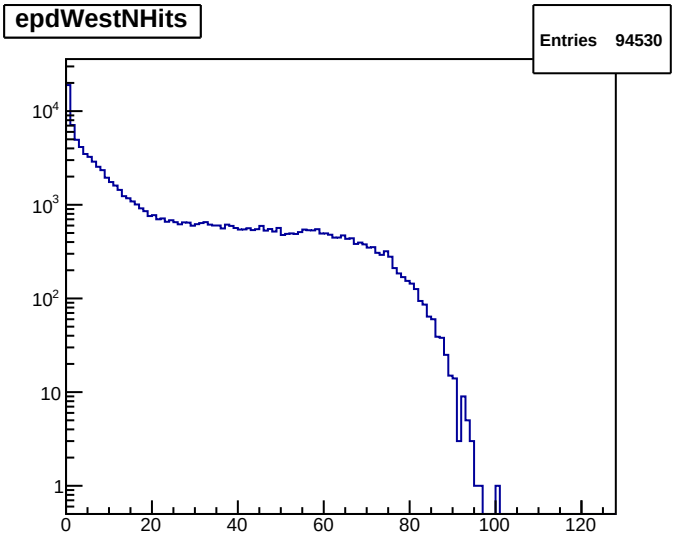
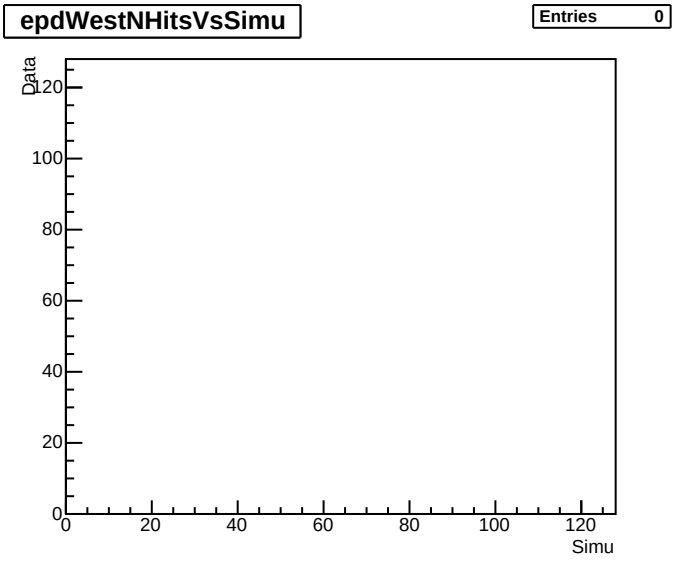
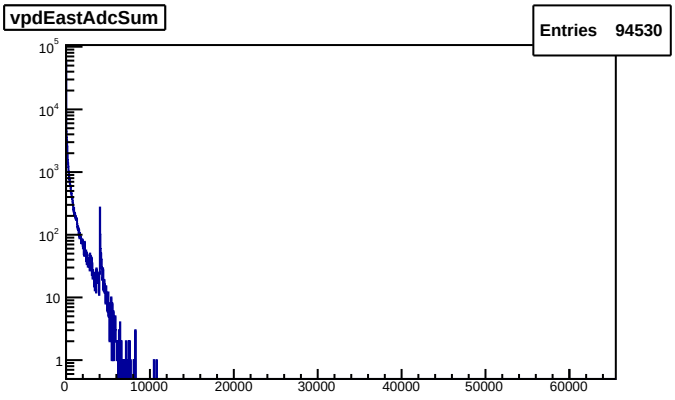
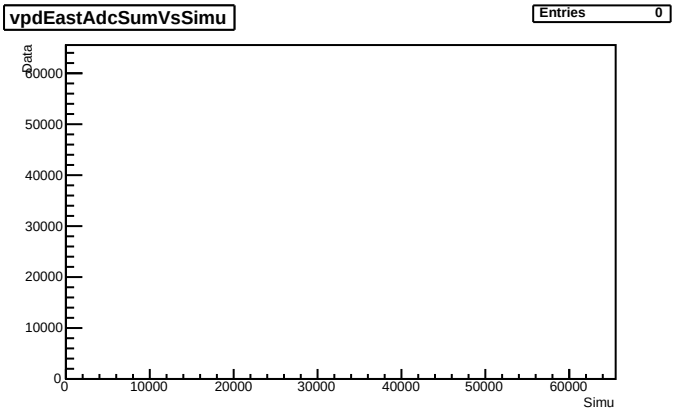
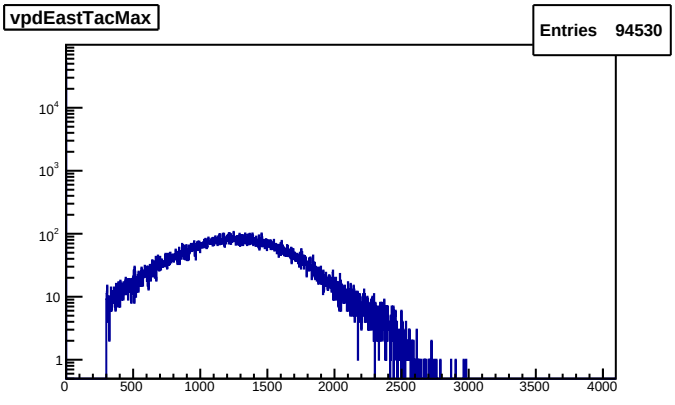
Entries 0
Data
Simu

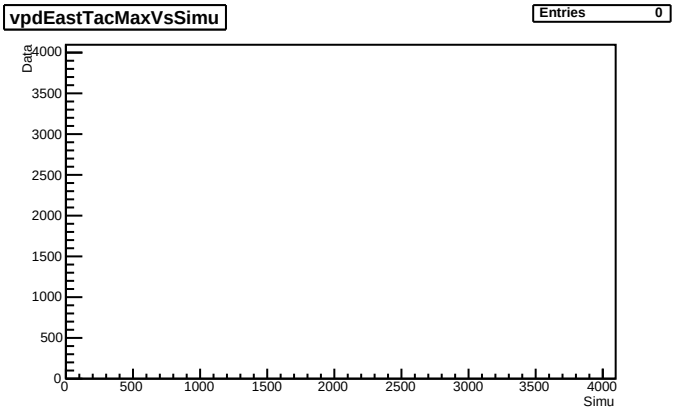

epdWestNHits
Entries 94530


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 94530


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 94530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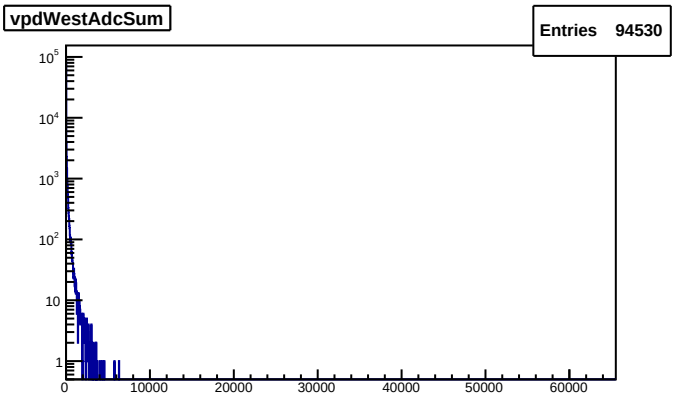
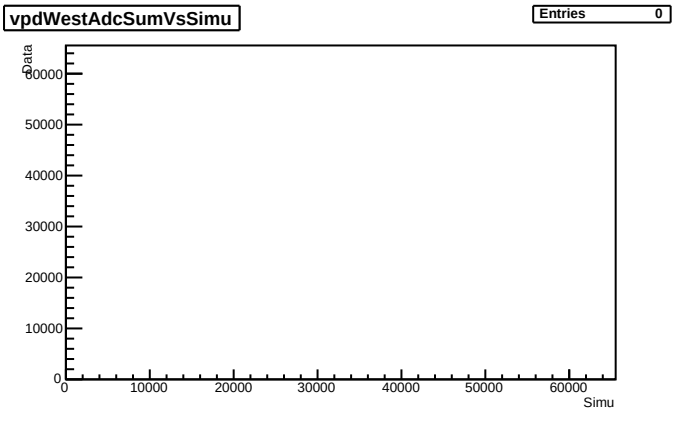
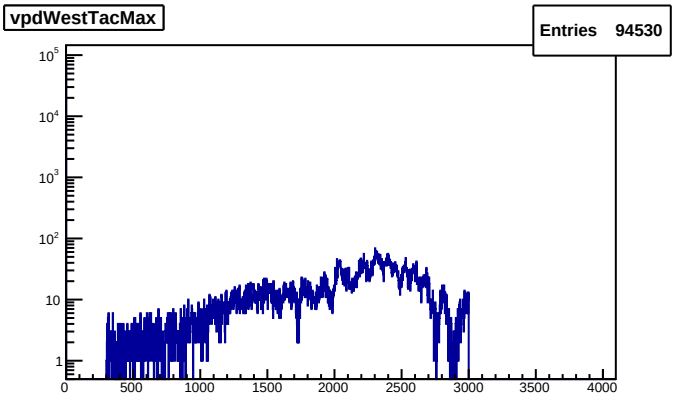
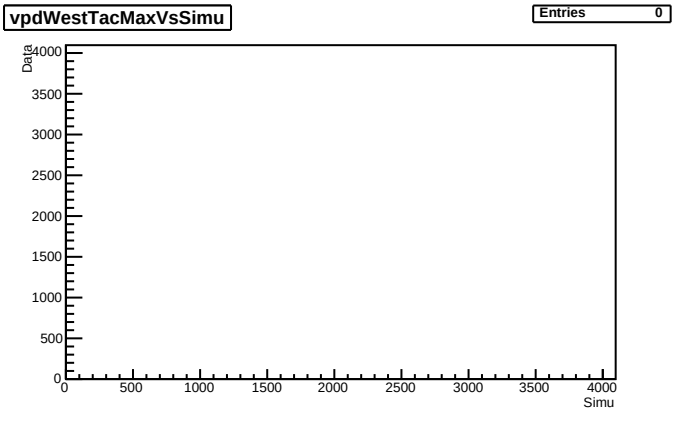
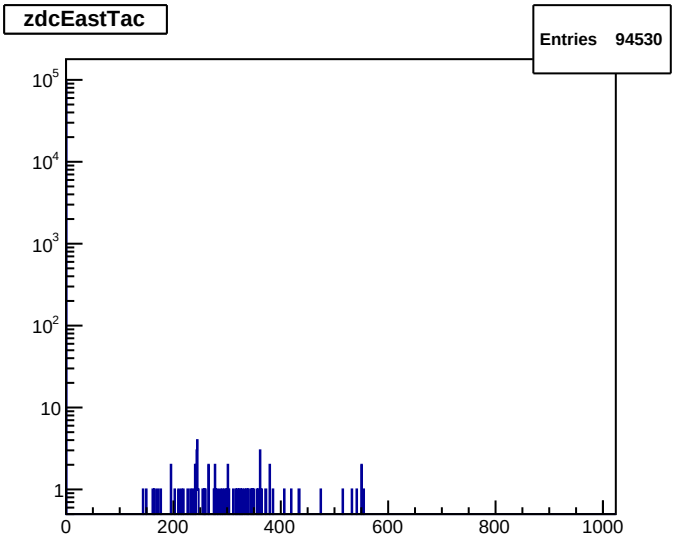
Entries 0
Data
Simu

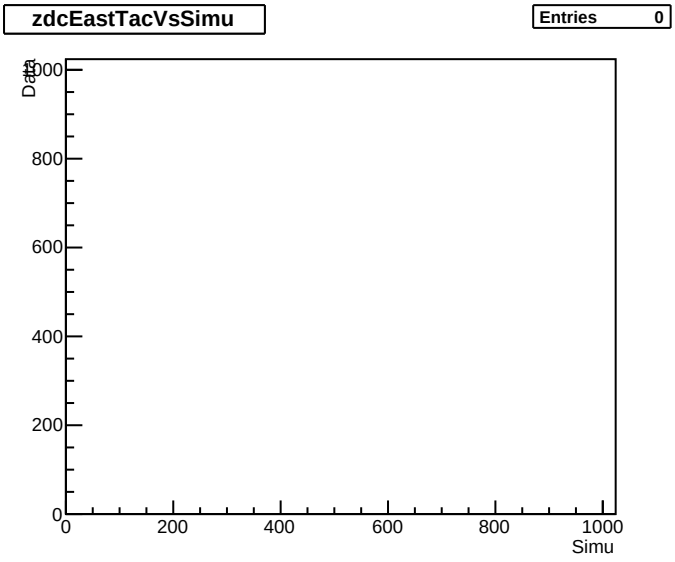

vpdWestAdcSum
Entries 94530

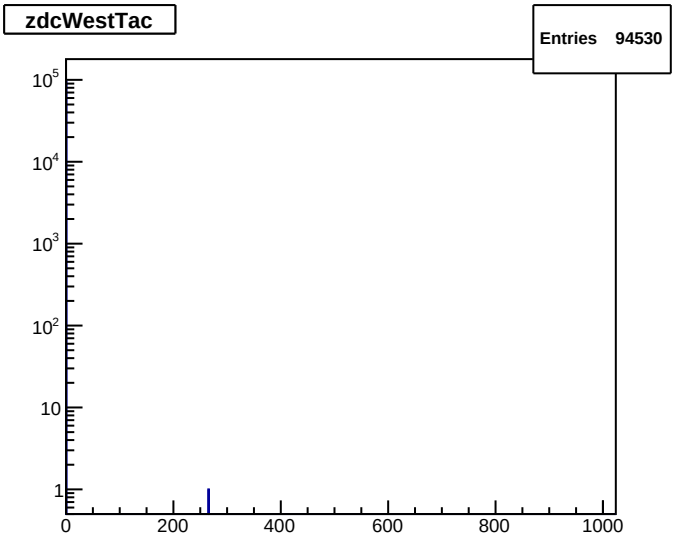

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

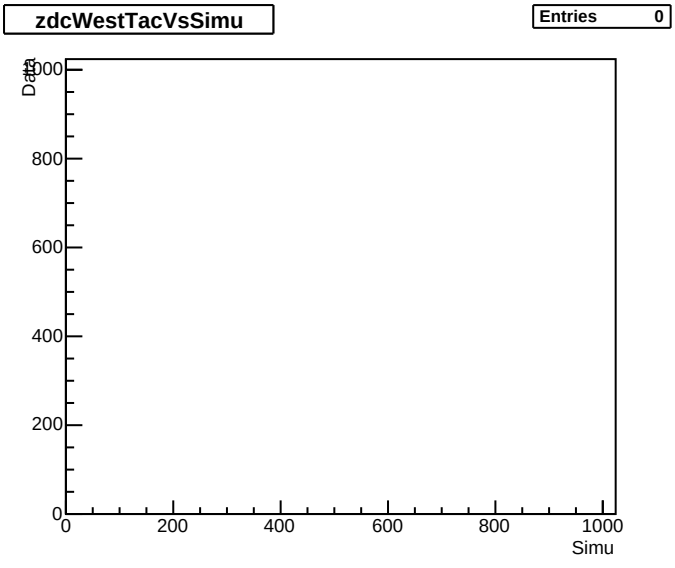

vpdWestTacMax
Entries 94530

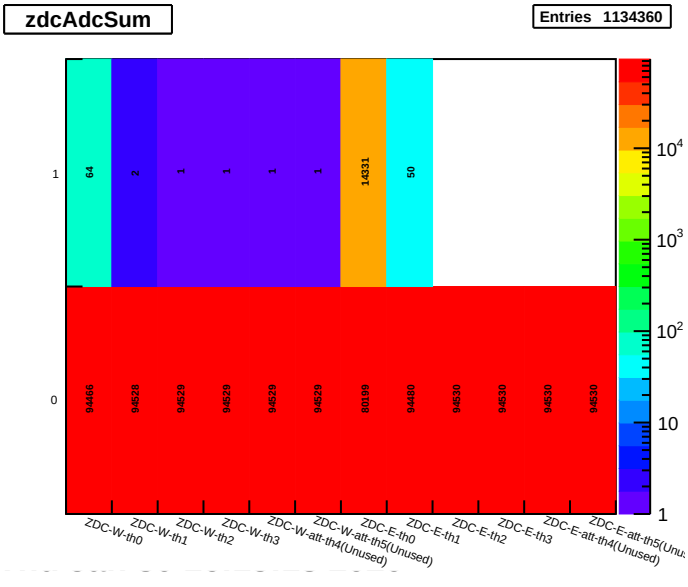

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

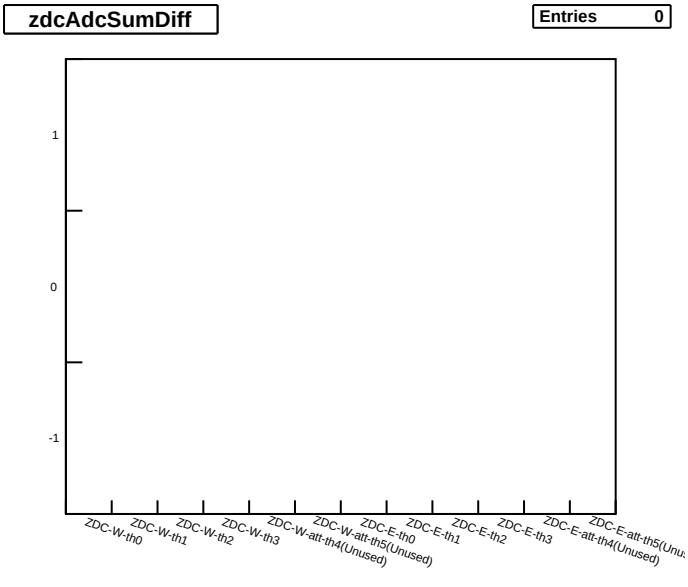

zdcEastTac
Entries 94530

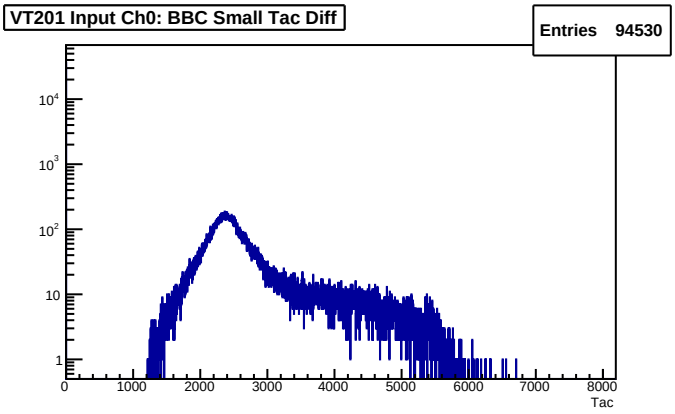

zdcEastTacVsSimu
Entries 0
Data
Simu

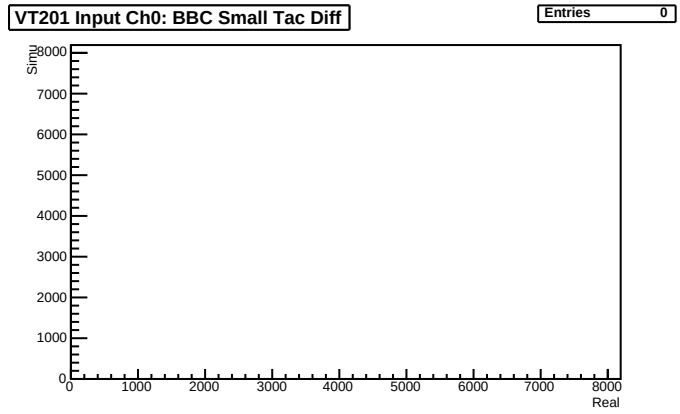

zdcWestTac
Entries 94530

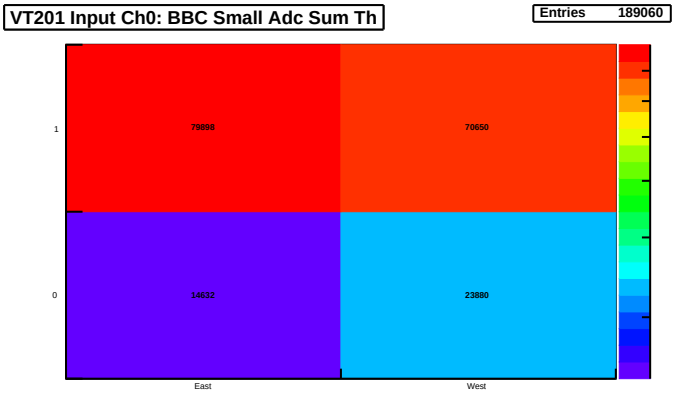

zdcWestTacVsSimu
Entries 0
Data
Simu

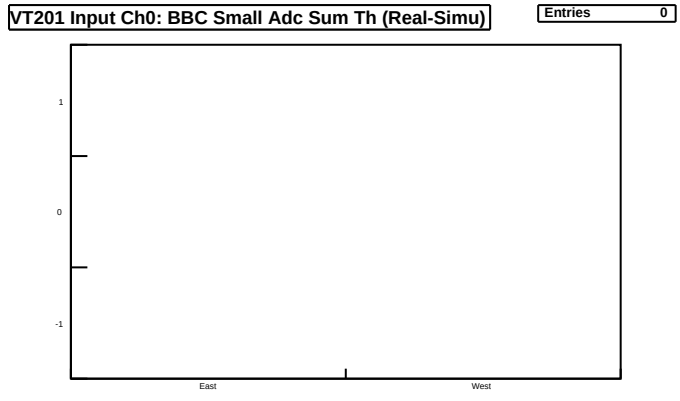

zdcAdcSum
Entries 1134360
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

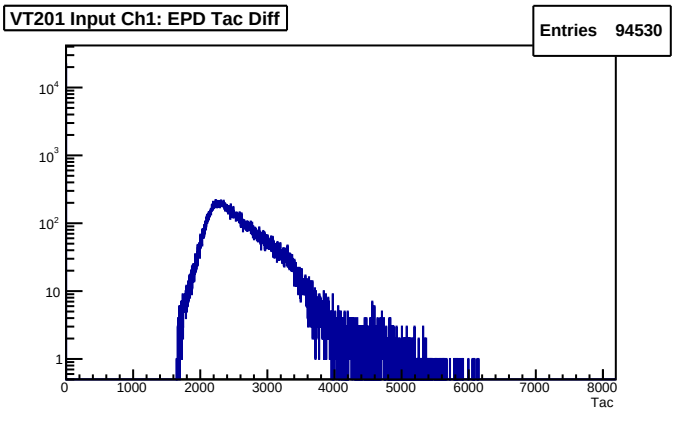

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

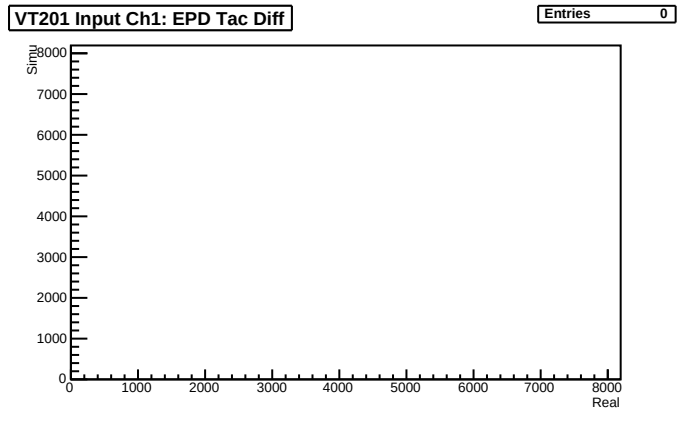

VT201 Input Ch0: BBC Small Tac Diff
Entries 94530
Tac

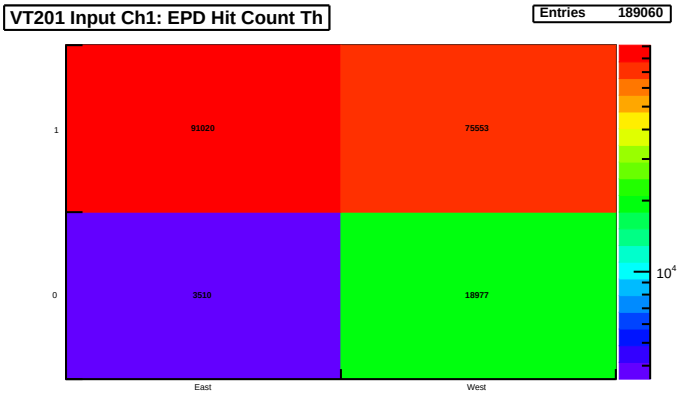

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

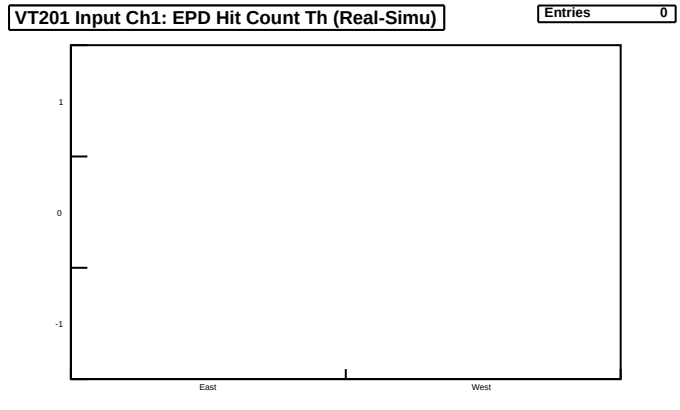

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 189060
79898
70650
14632
23880
East
West

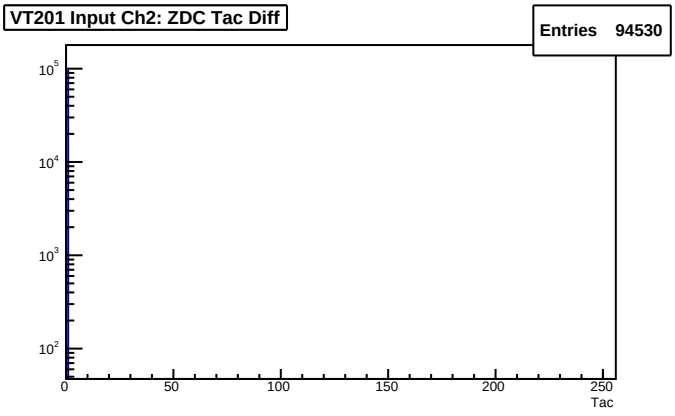

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

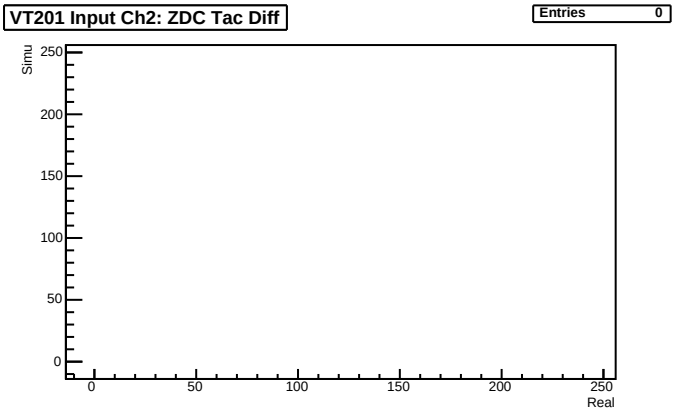

VT201 Input Ch1: EPD Tac Diff
Entries 94530
Tac

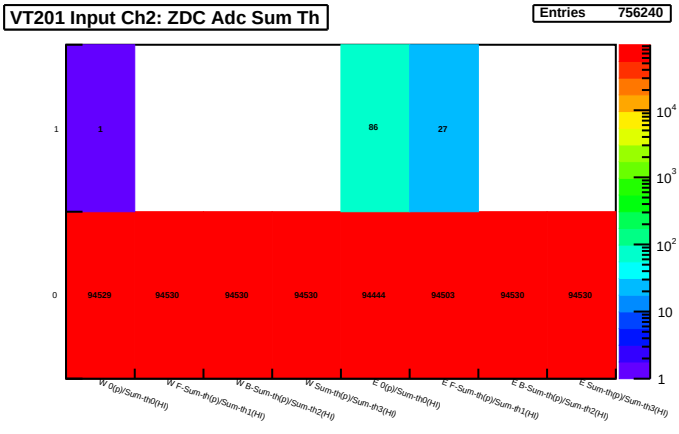

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

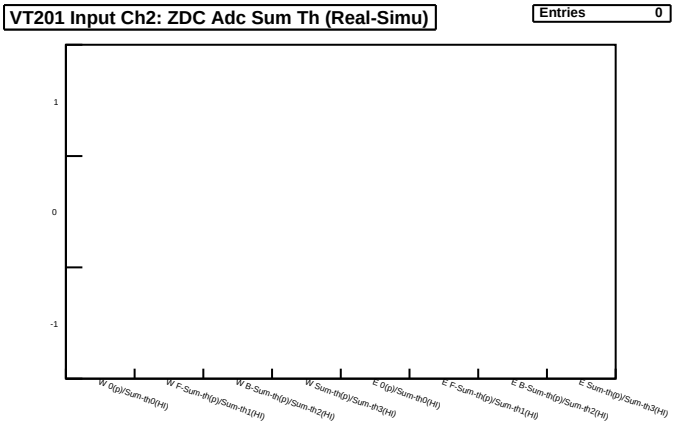

VT201 Input Ch1: EPD Hit Count Th
Entries 189060
91020
75553
3510
18977
East
West

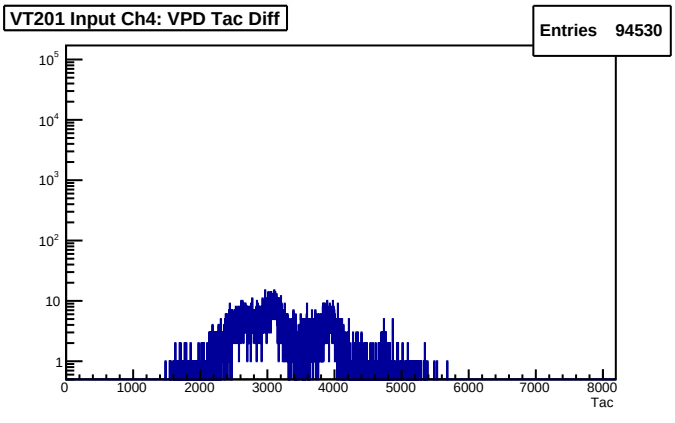

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

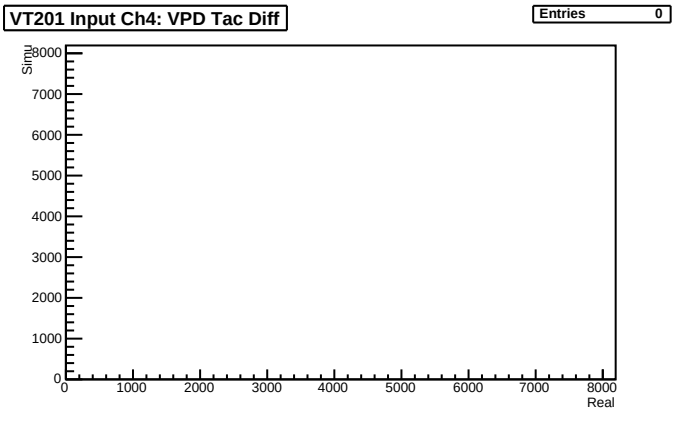

VT201 Input Ch2: ZDC Tac Diff
Entries 94530
Tac

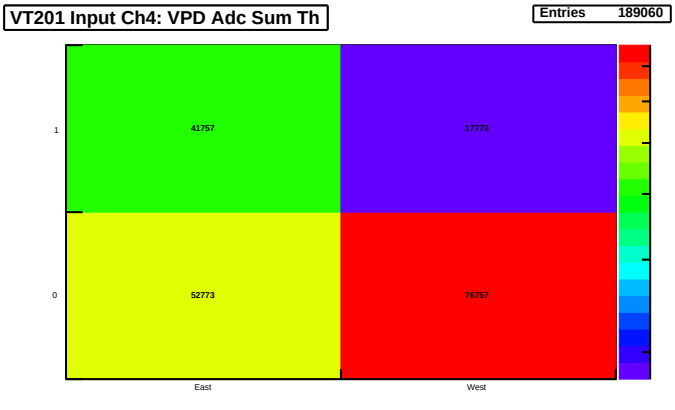

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

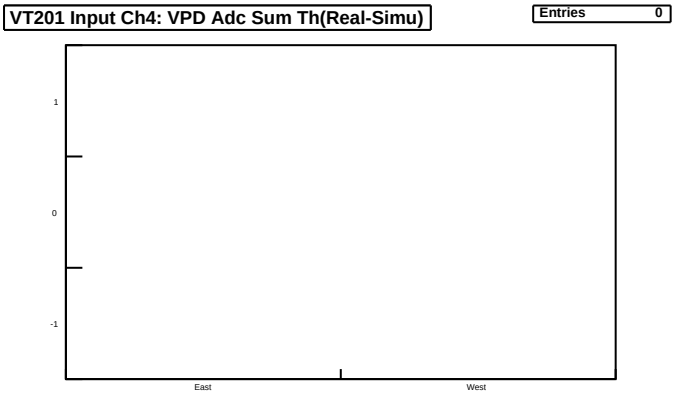

VT201 Input Ch2: ZDC Adc Sum Th
Entries 756240
1
86
27
94529
94530
94530
94530
94444
94503
94530
94530
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

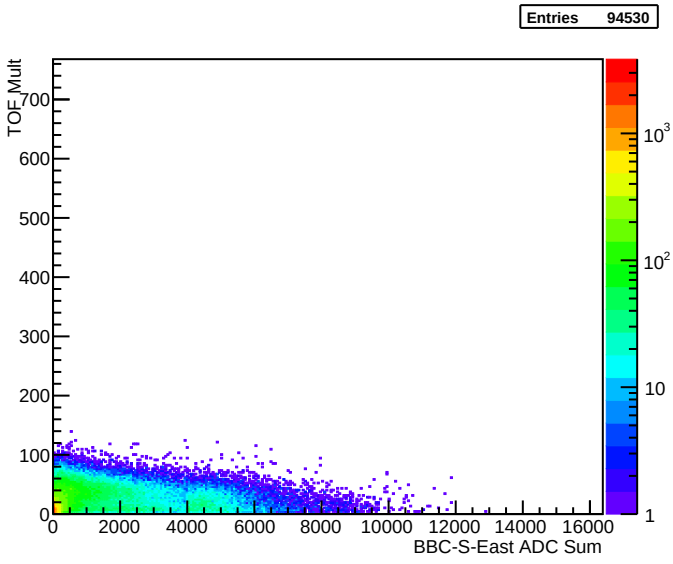

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

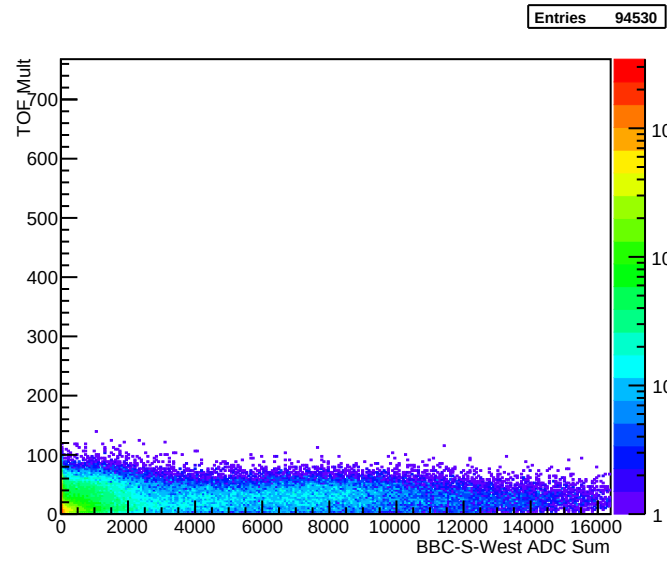

VT201 Input Ch4: VPD Tac Diff
Entries 94530
Tac

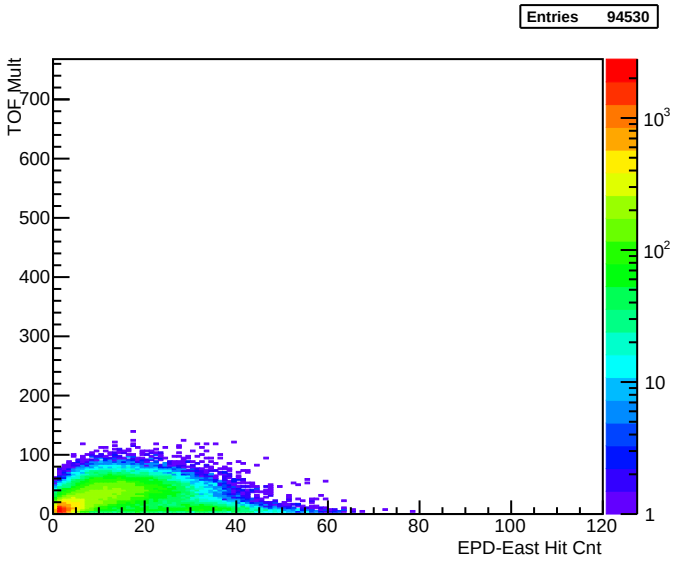

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

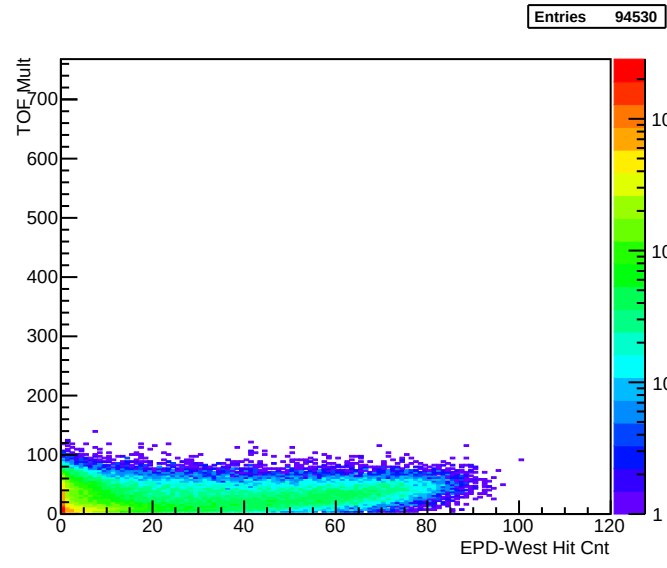

VT201 Input Ch4: VPD Adc Sum Th
Entries 189060
41757
17773
52773
76757
East
West

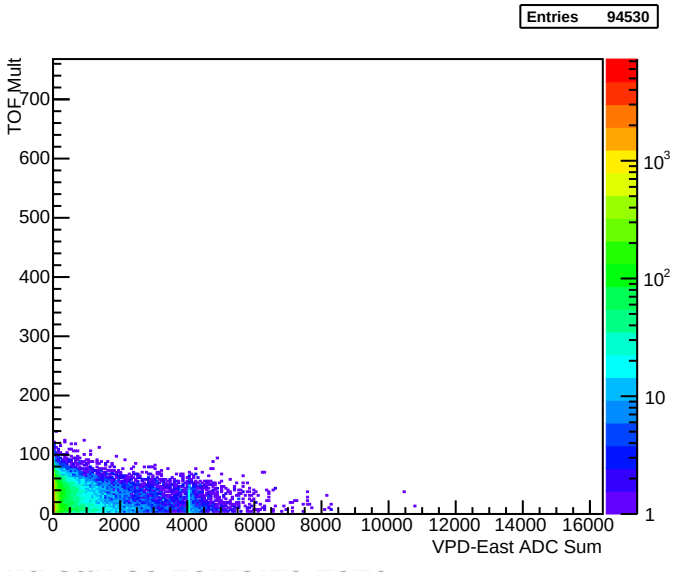

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

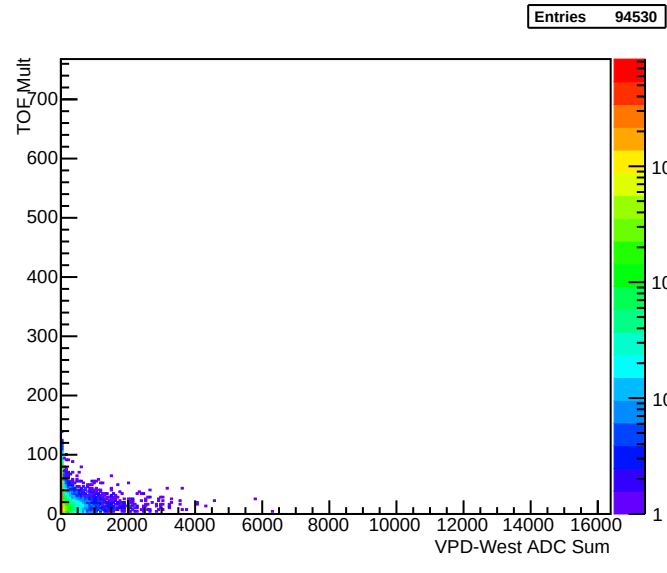

Entries 94530
TOF_Mult
BBC-S-East ADC Sum

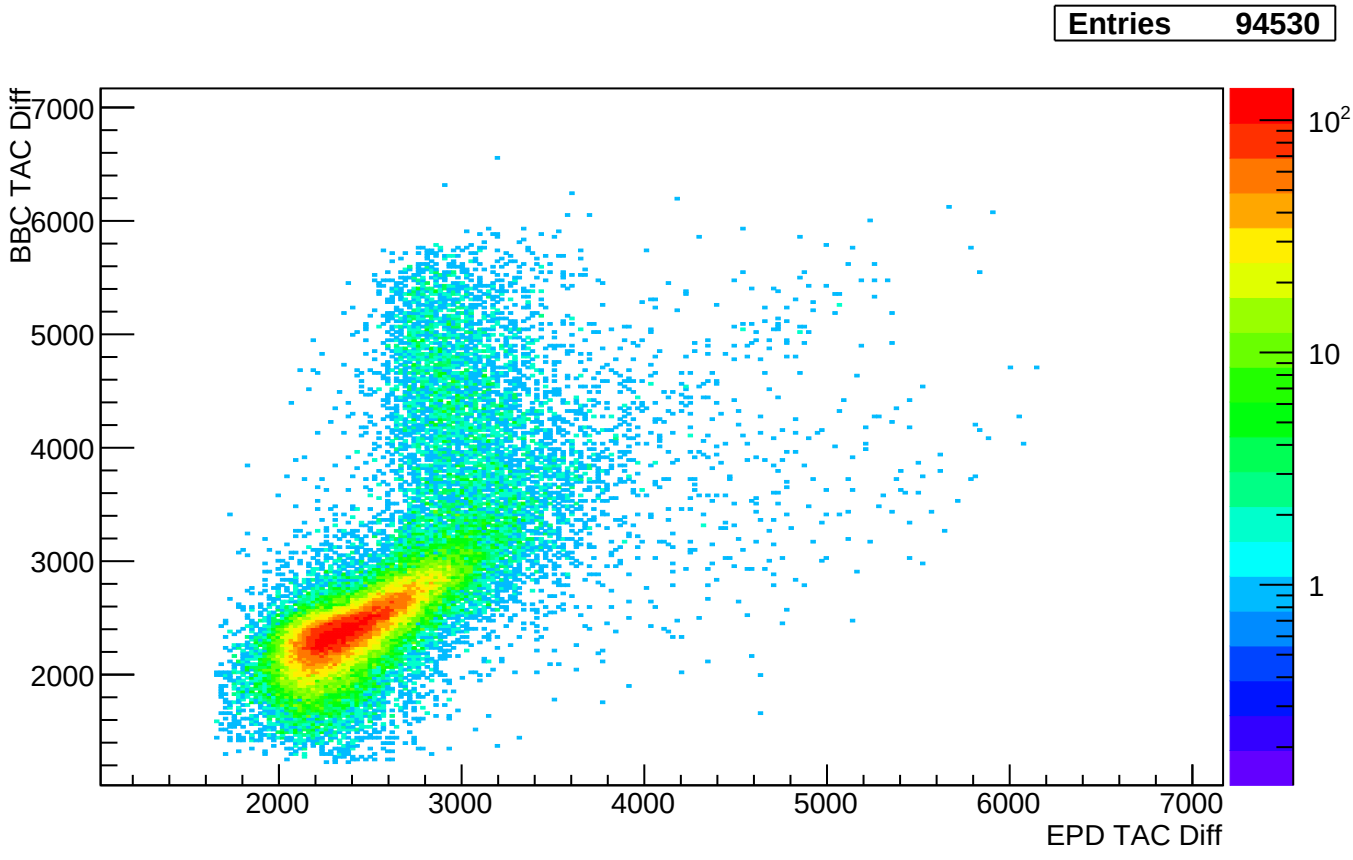

Entries 94530
TOF_Mult
BBC-S-West ADC Sum

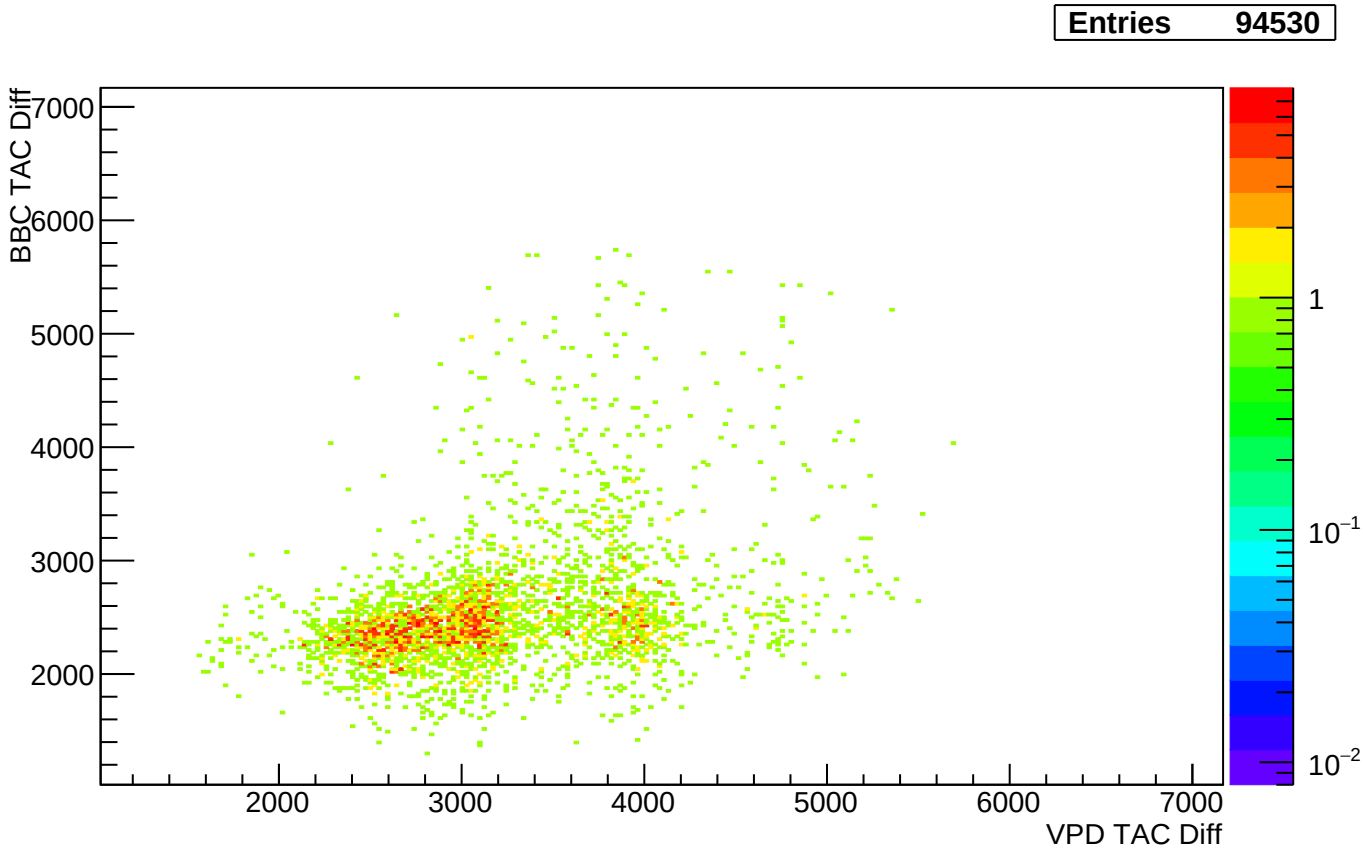

Entries 94530
TOF_Mult
EPD-East Hit Cnt

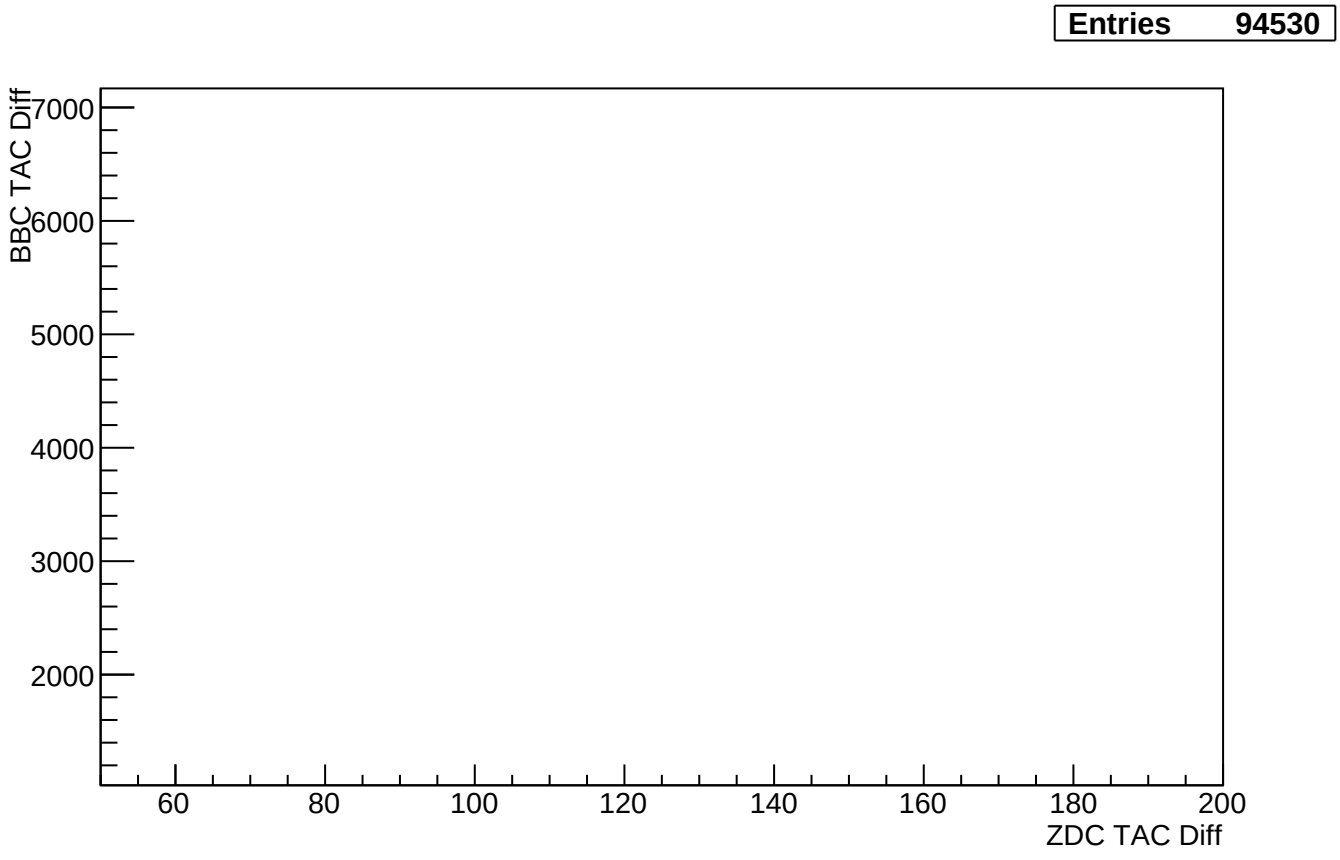

Entries 94530
TOF_Mult
EPD-West Hit Cnt

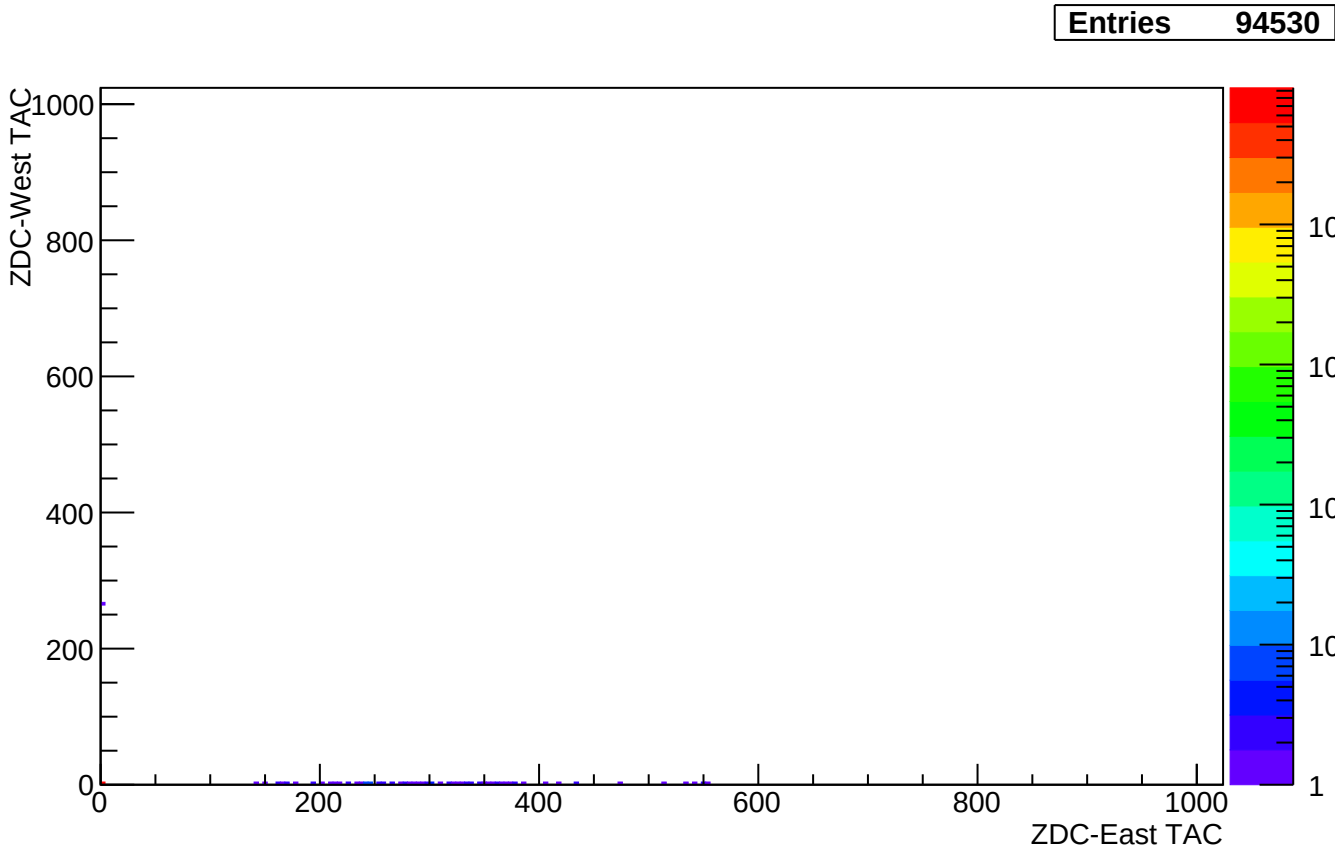

Entries 94530
TOF_Mult
VPD-East ADC Sum

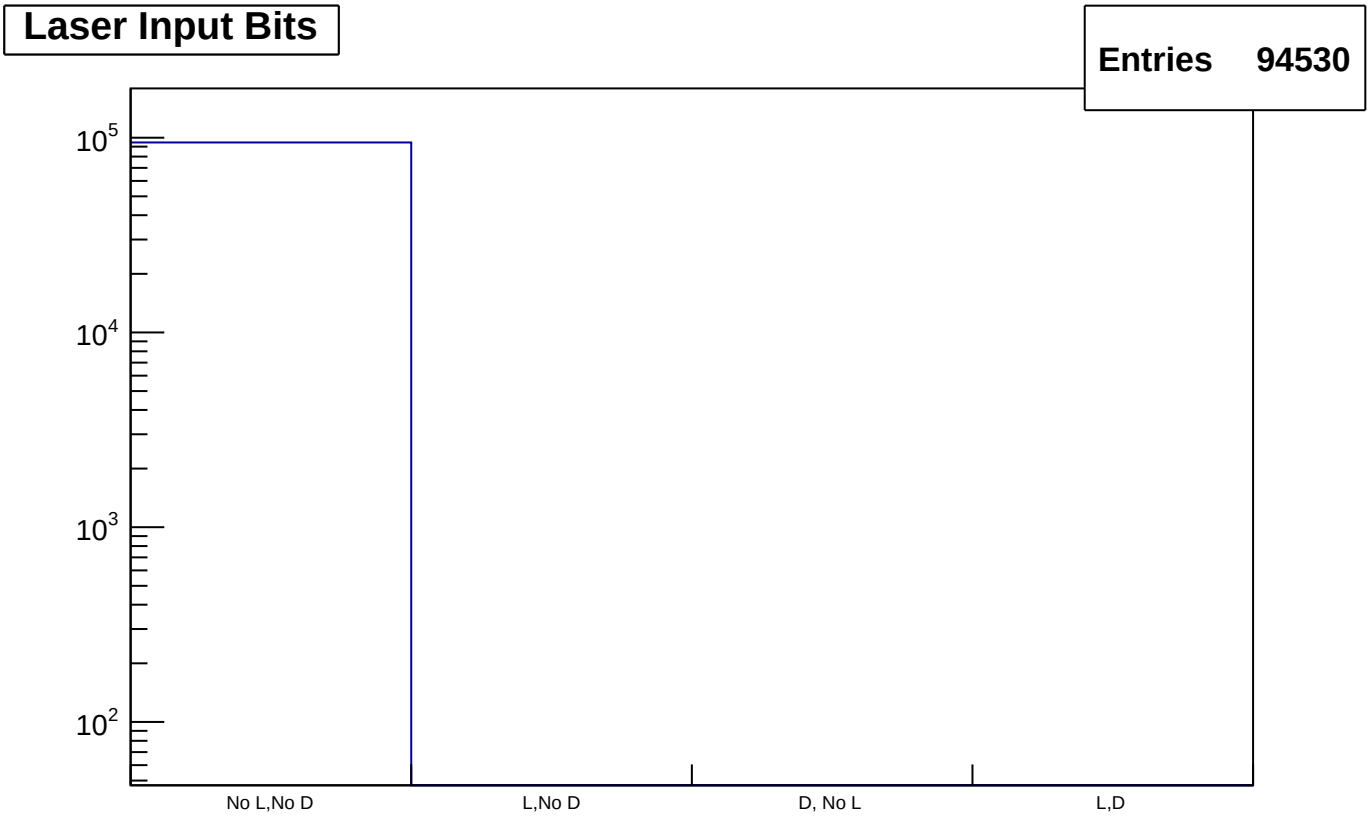

Entries 94530
TOF_Mult
VPD-West ADC Sum

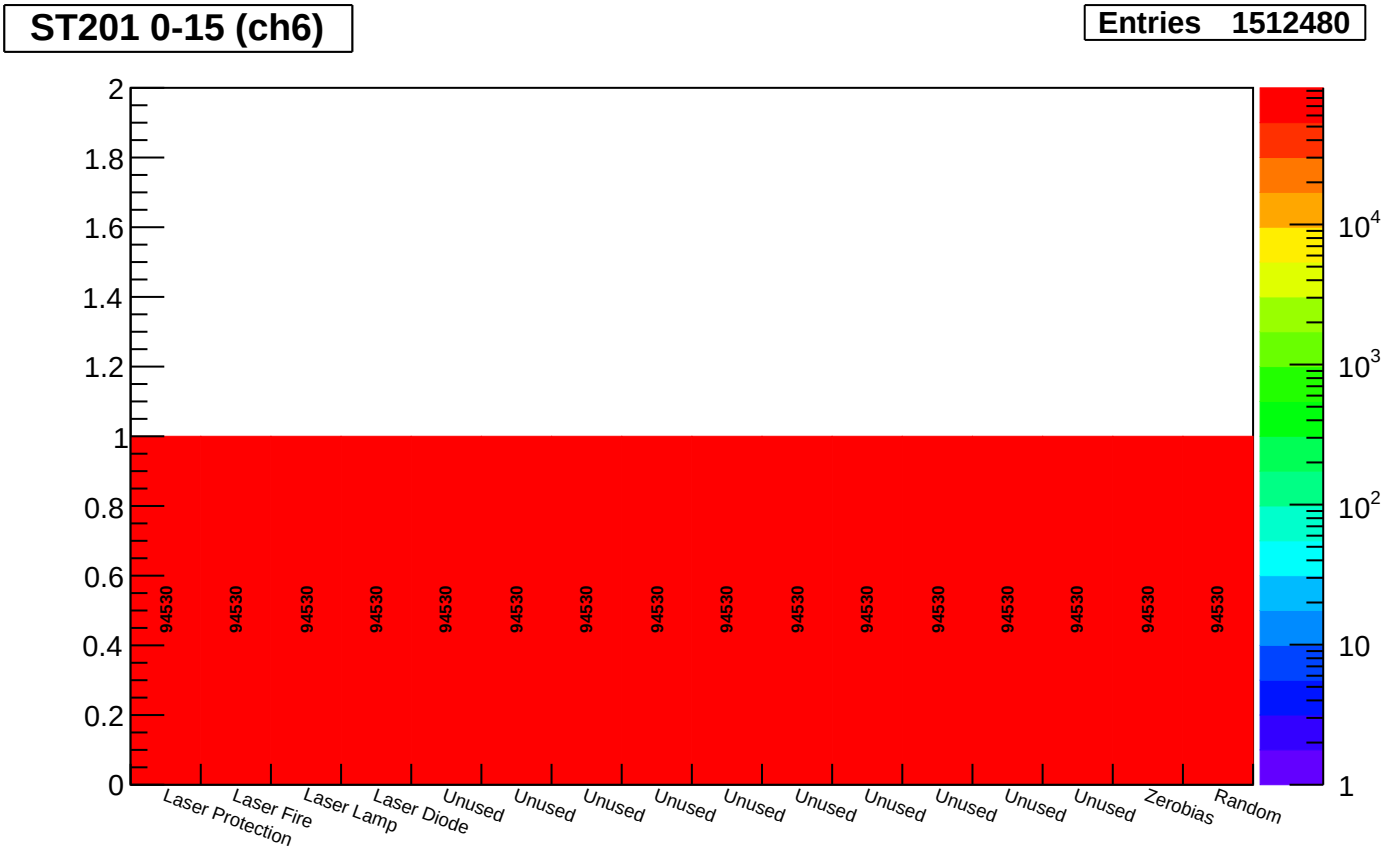

Entries 94530
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

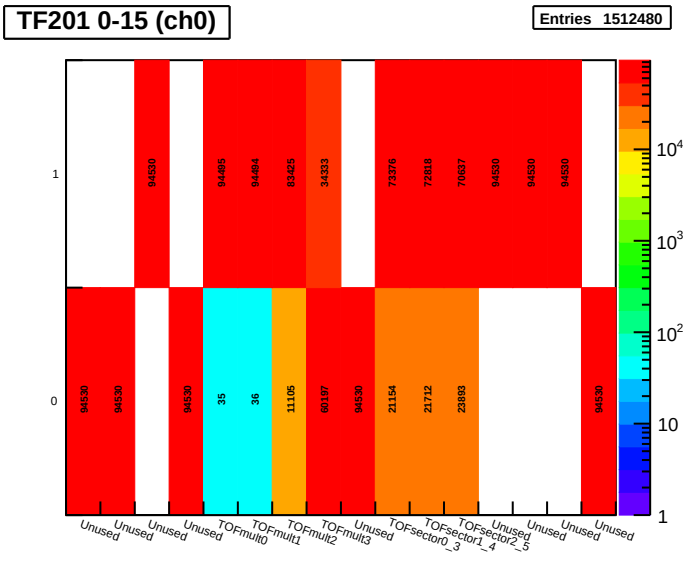

Entries 94530
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

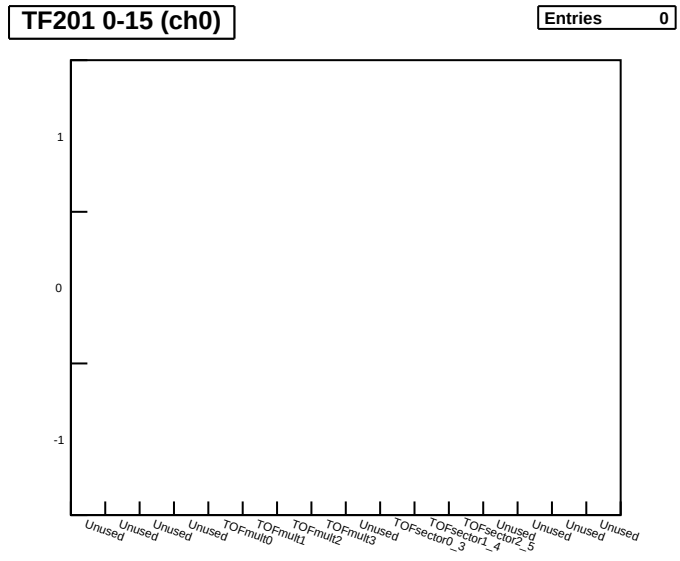

Entries 94530
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff

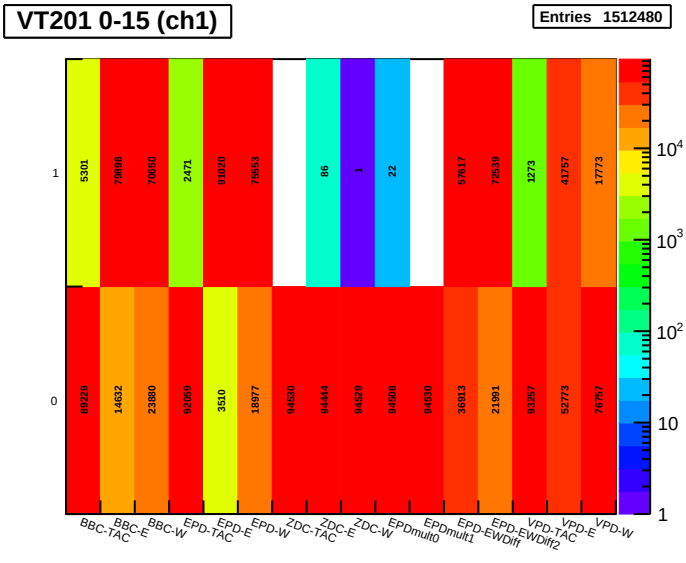

Entries 94530
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

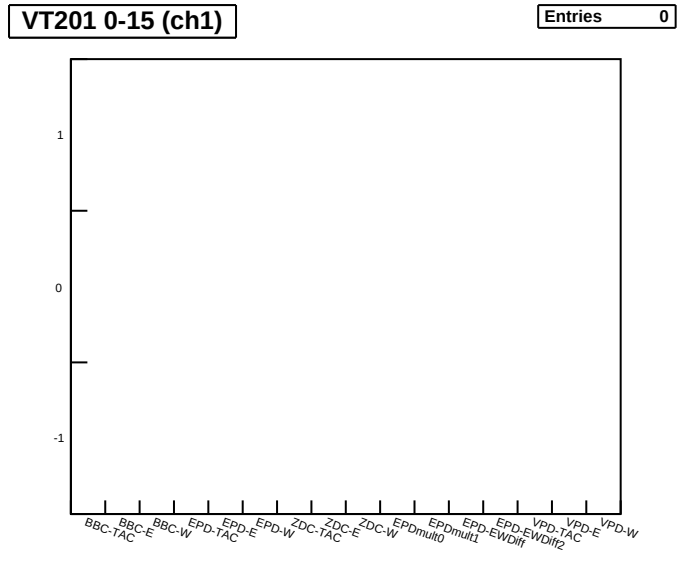

Laser Input Bits
Entries 94530
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

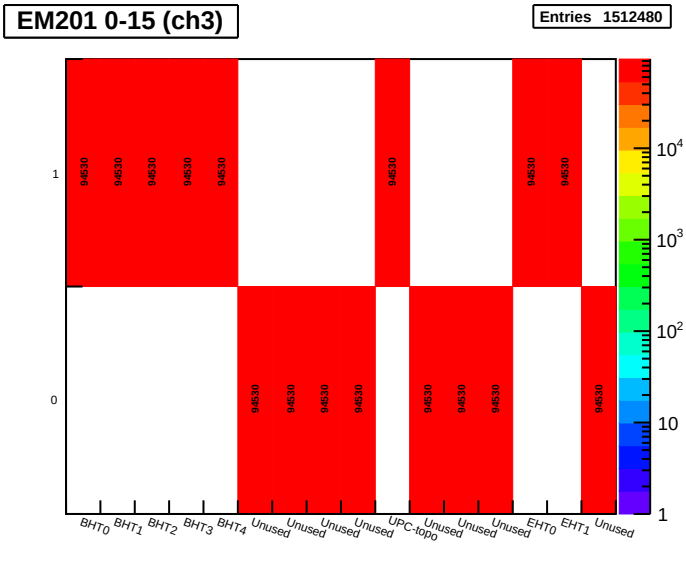

ST201 0-15 (ch6)
Entries 1512480
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
94530
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

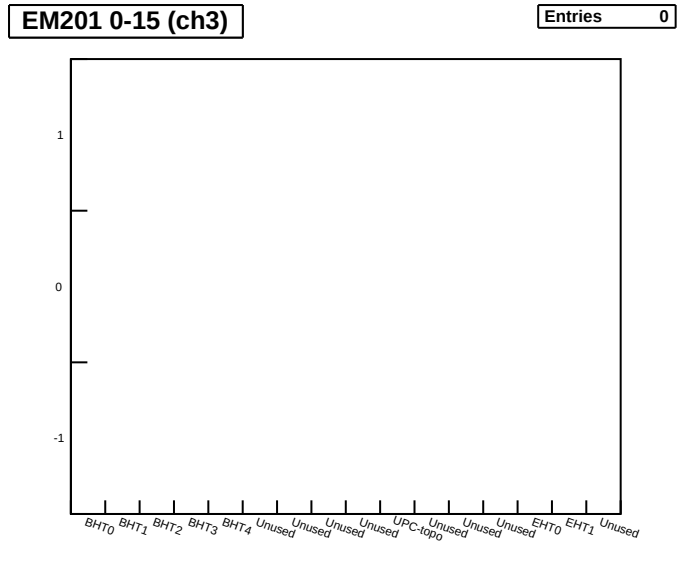

TF201 0-15 (ch0)
Entries 1512480
1
0
94530
94495
94484
83425
34333
73376
72818
70637
94530
94530
94530
94530
94530
94530
35
36
11105
60197
94530
21154
21712
23893
94530
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 1512480
1
0
5301
78898
70650
2471
91020
75553
86
1
22
57617
72539
1273
41757
17773
89229
14632
23880
92069
3510
18977
94530
94444
94529
94508
94530
36913
21991
93257
52773
76757
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
10^4
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 1512480
1
0
94530
94530
94530
94530
94530
94530
94530
94530
94530
94530
94530
94530
94530
94530
94530
94530
94530
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
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