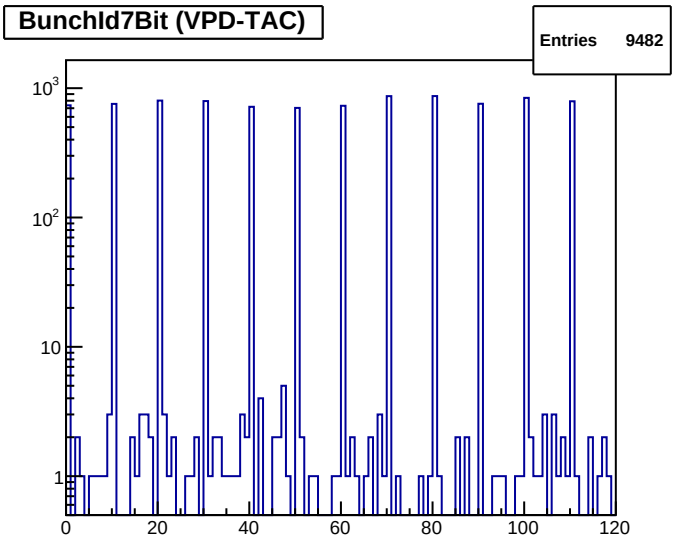
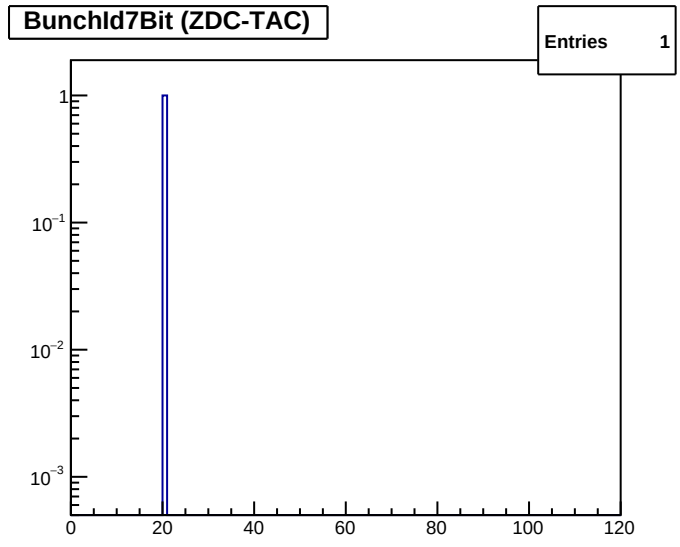
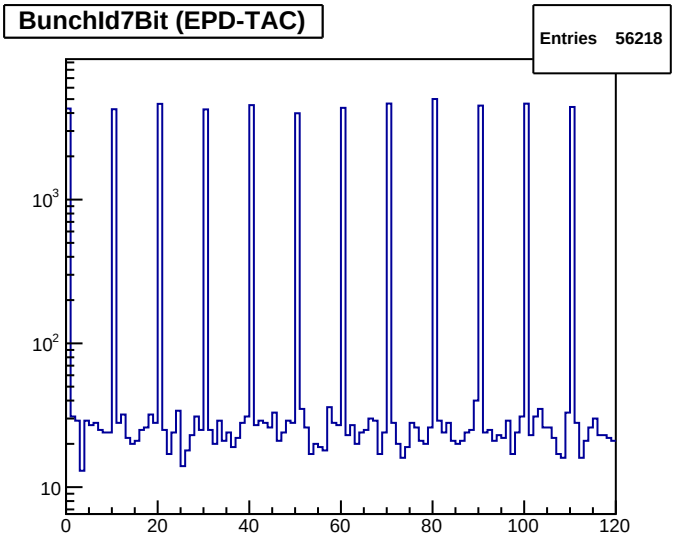
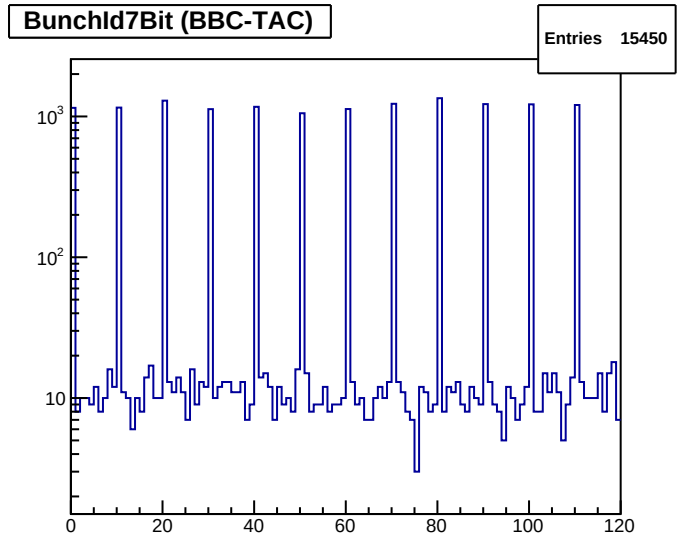
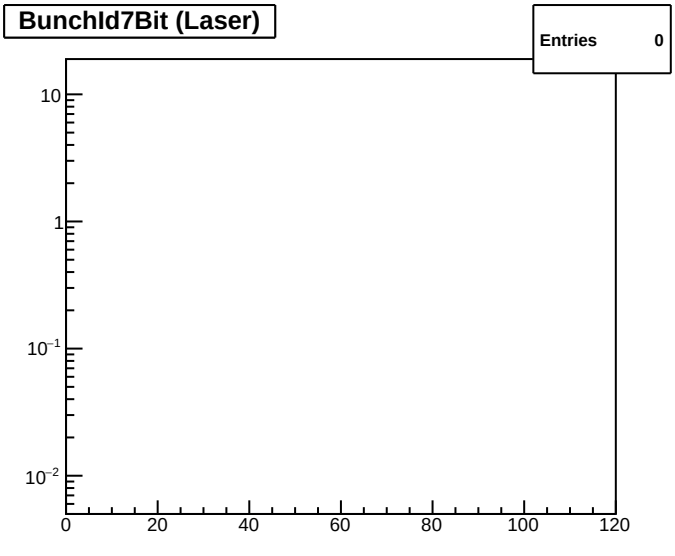
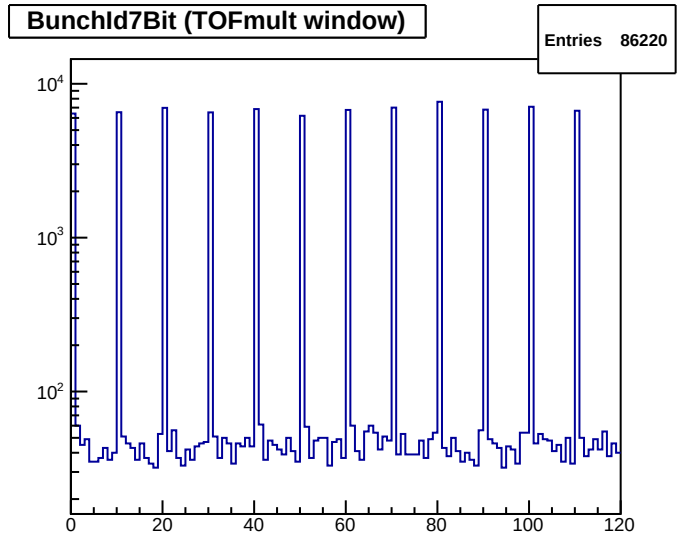

BunchId7Bit (VPD-TAC)
Entries 9482

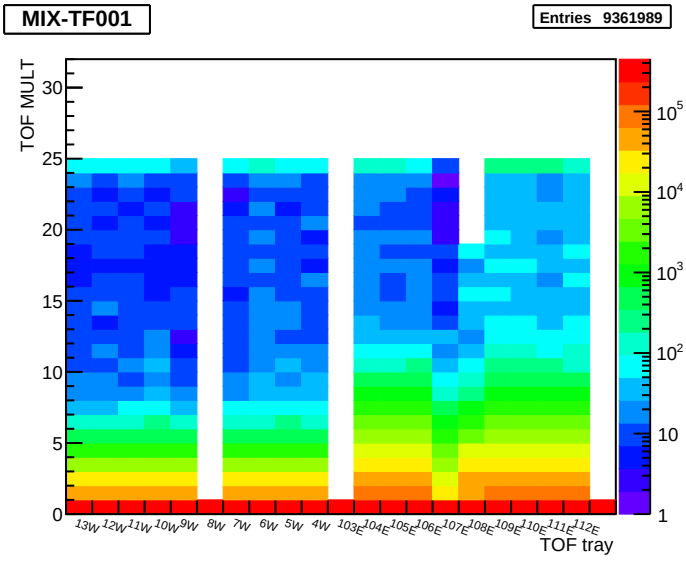

BunchId7Bit (ZDC-TAC)
Entries 1

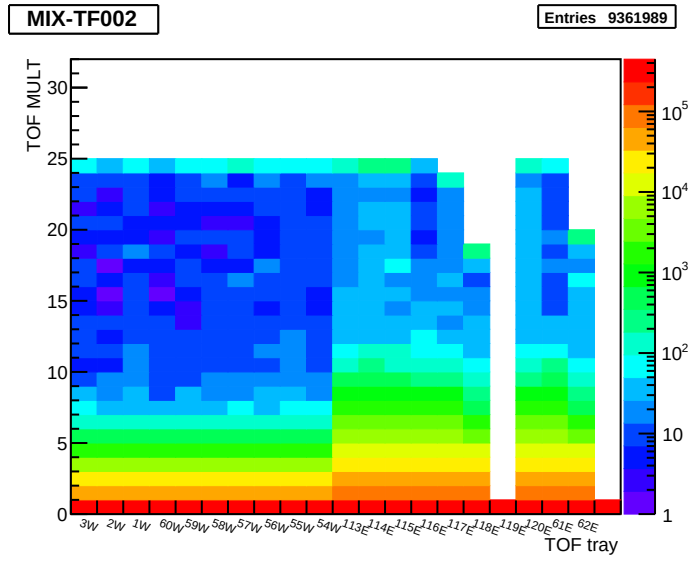

BunchId7Bit (EPD-TAC)
Entries 56218

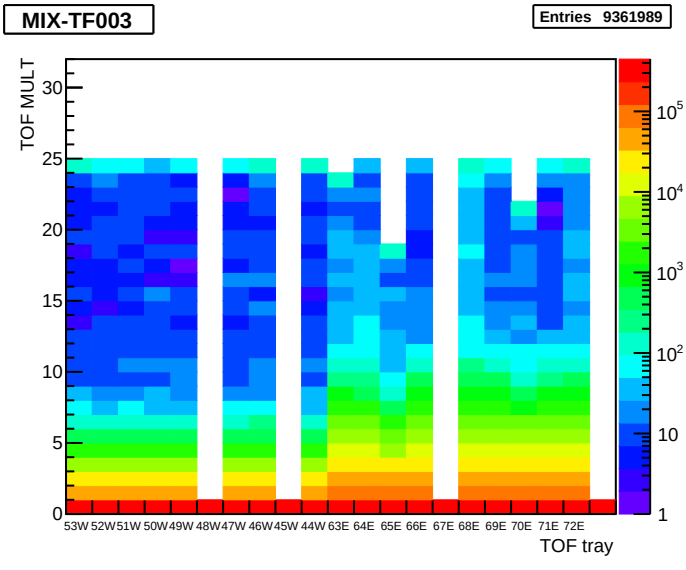

BunchId7Bit (BBC-TAC)
Entries 15450

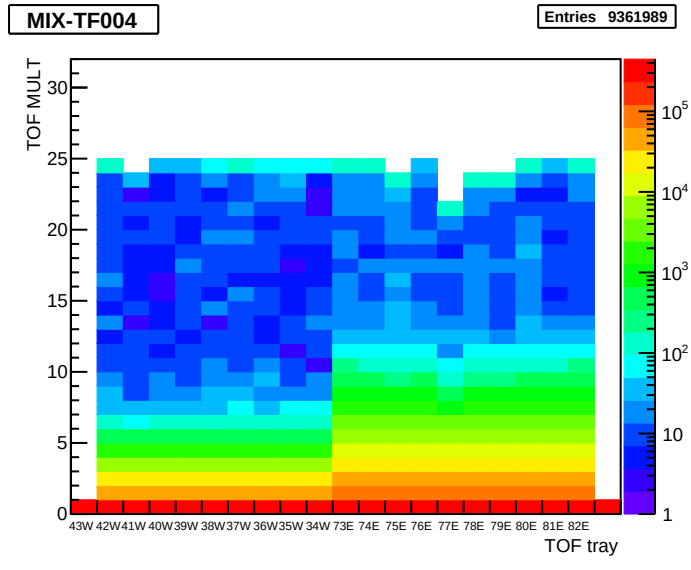

BunchId7Bit (Laser)
Entries 0

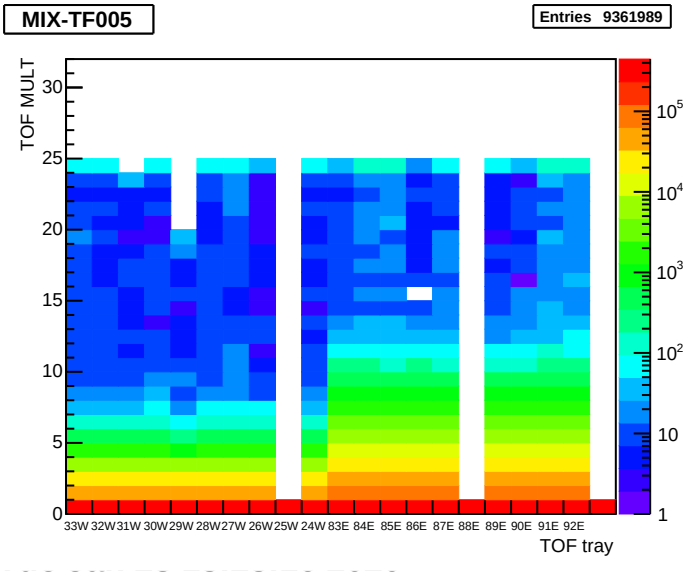

BunchId7Bit (TOFmult window)
Entries 86220

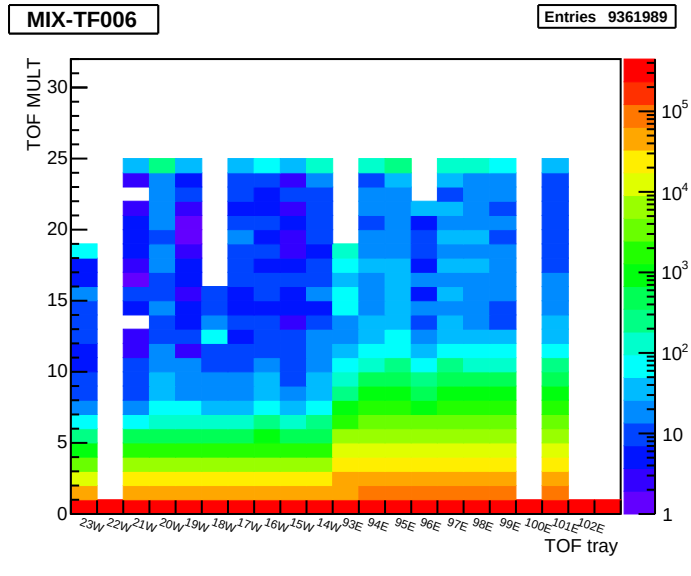

MIX-TF001
Entries 9361989
TOF MULT
TOF tray

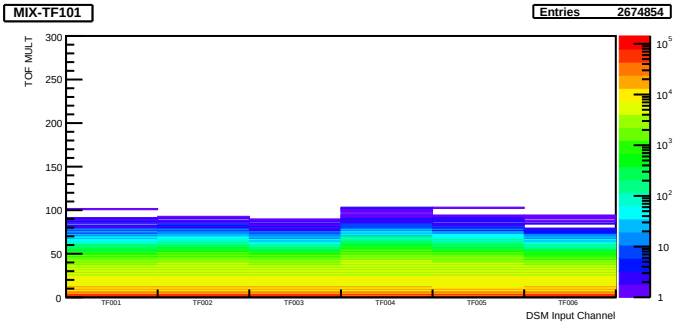

MIX-TF002
Entries 9361989
TOF MULT
TOF tray

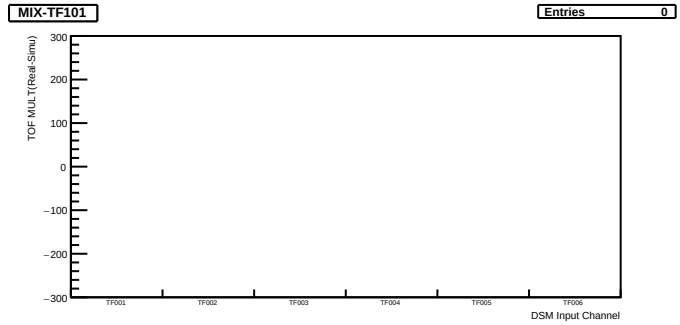

MIX-TF003
Entries 9361989
TOF MULT
TOF tray

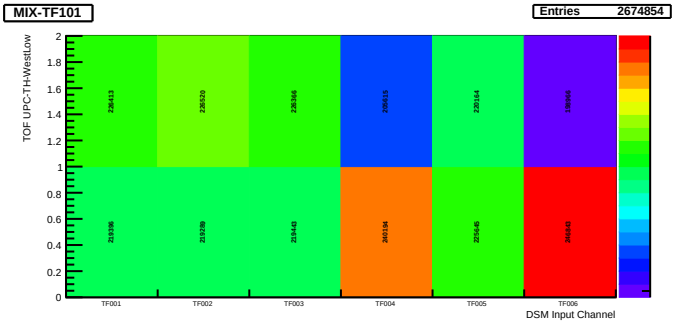

MIX-TF004
Entries 9361989
TOF MULT
TOF tray

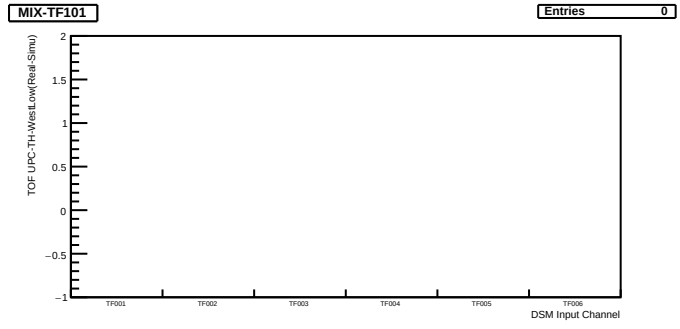

MIX-TF005
Entries 9361989
TOF MULT
TOF tray

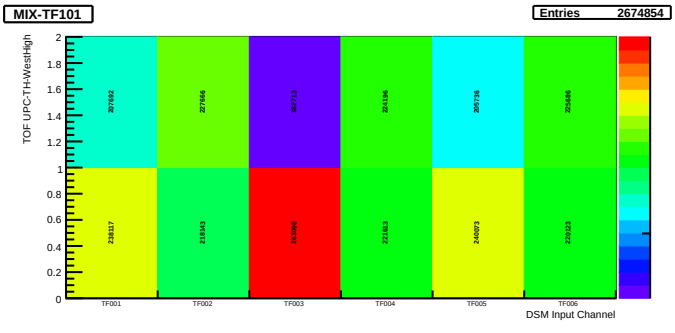

MIX-TF006
Entries 9361989
TOF MULT
TOF tray

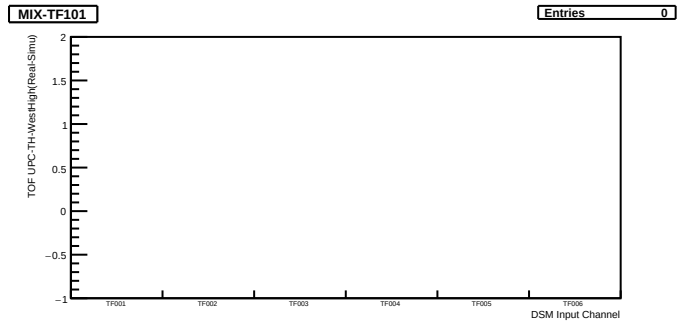

MIX-TF101
Entries 2674854
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

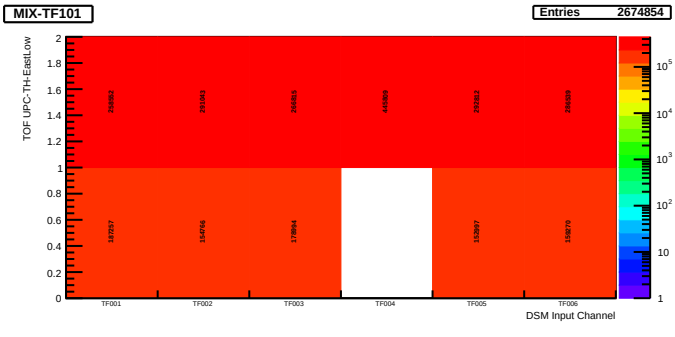

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

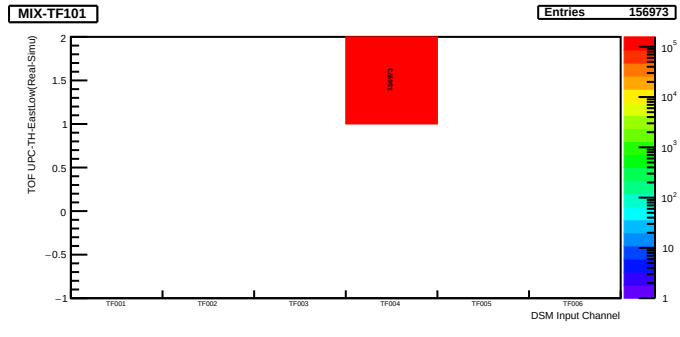

MIX-TF101
Entries 2674854
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

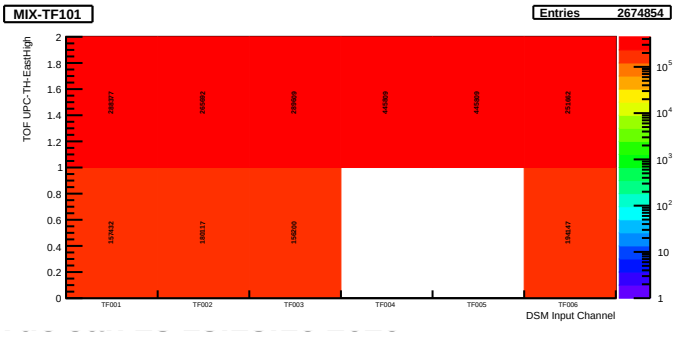

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

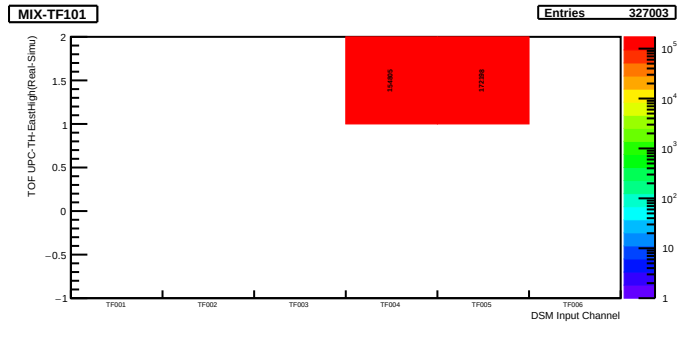

MIX-TF101
Entries 2674854
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

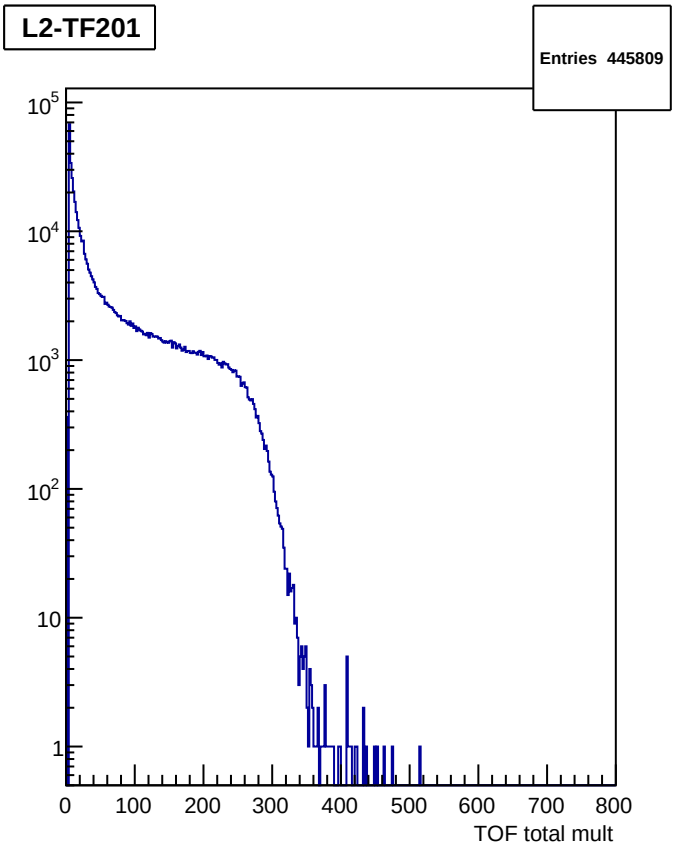

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

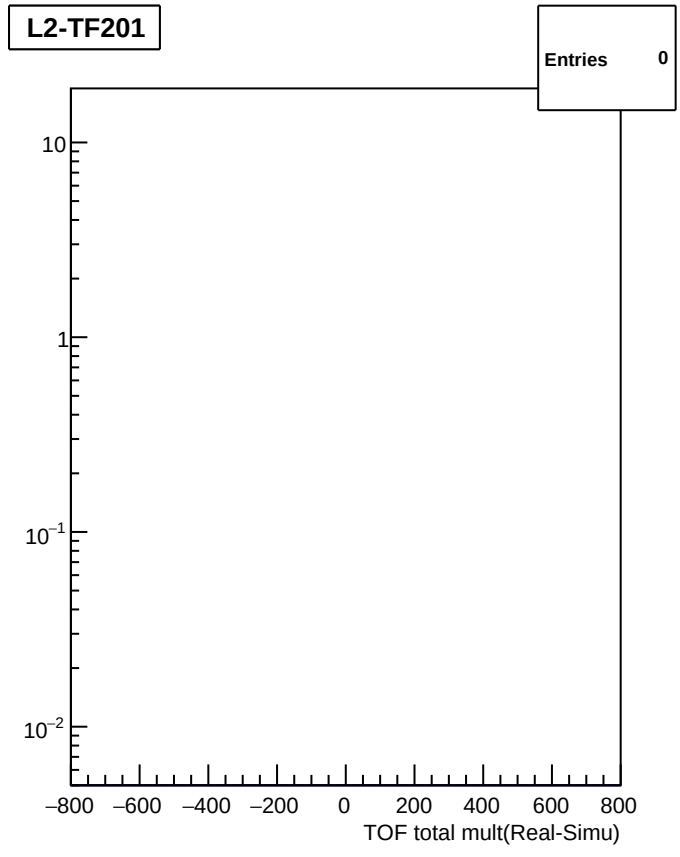

MIX-TF101
Entries 2674854
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

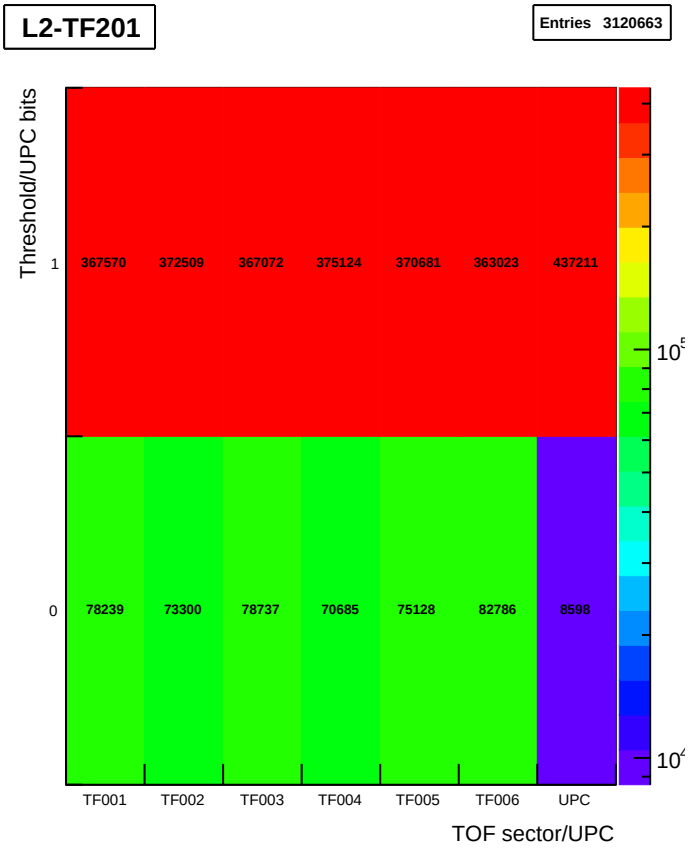

MIX-TF101
Entries 156973
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

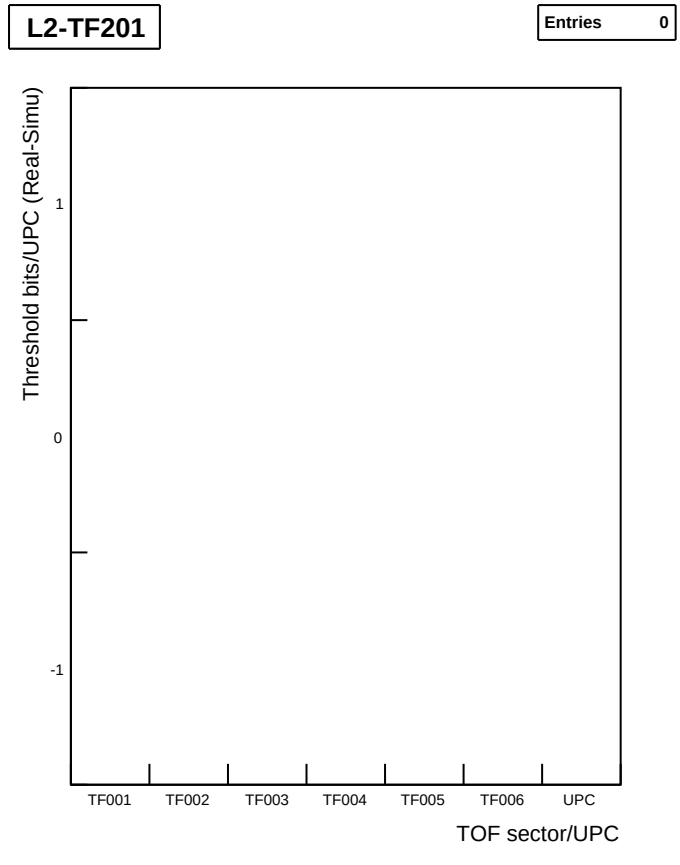

MIX-TF101
Entries 2674854
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

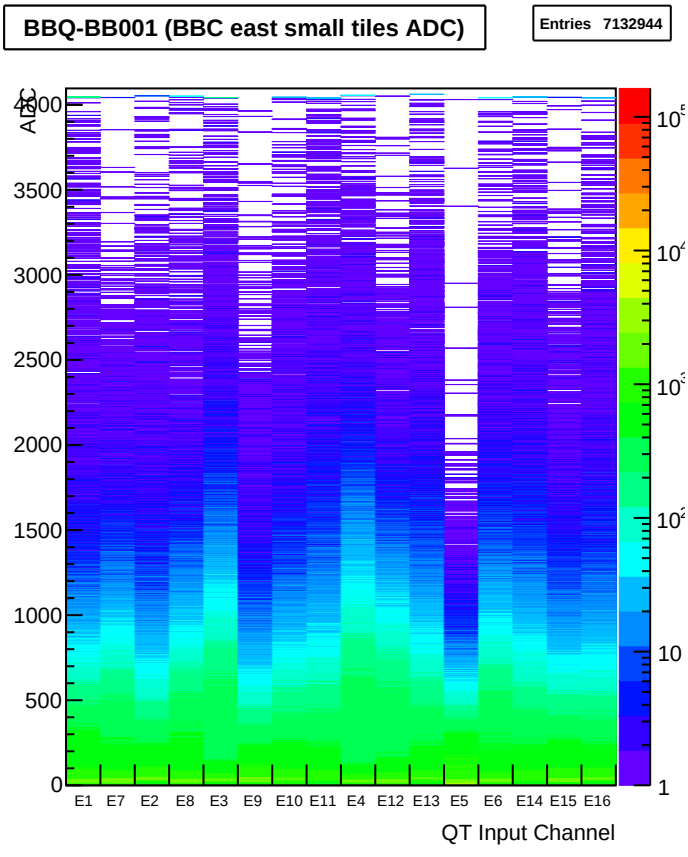

MIX-TF101
Entries 327003
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

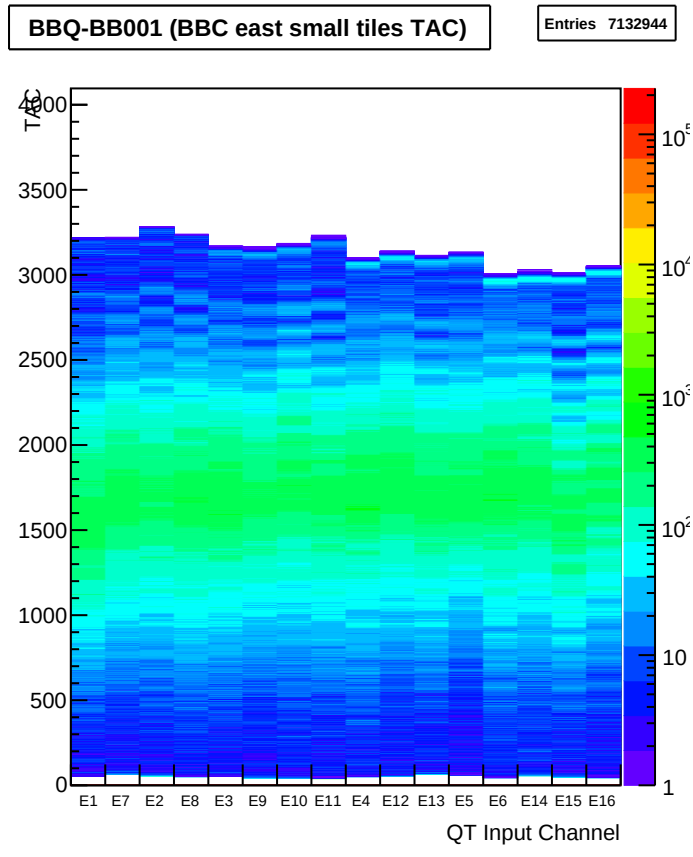

L2-TF201
Entries 445809
TOF total mult

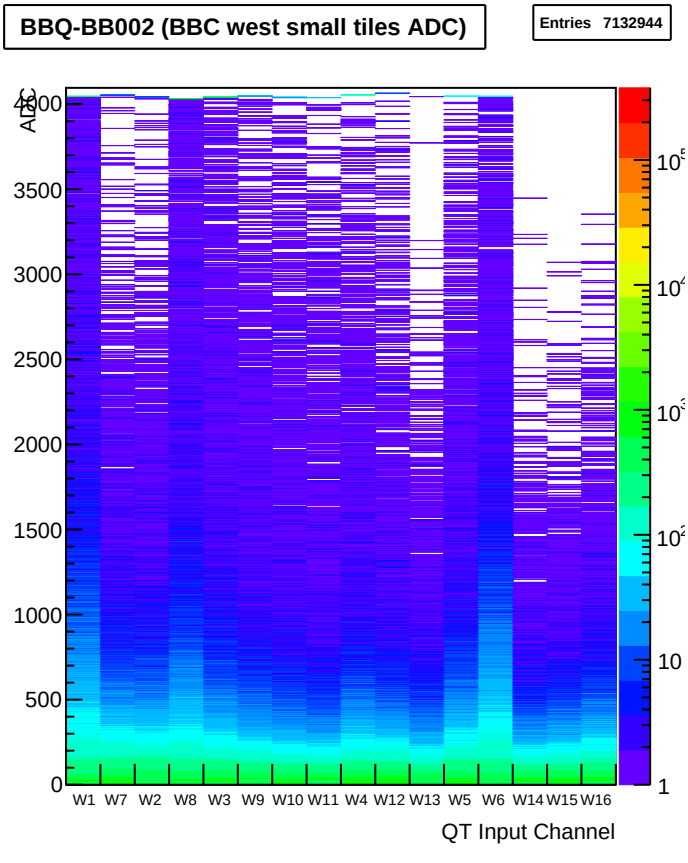

L2-TF201
Entries 0
TOF total mult(Real-Simu)

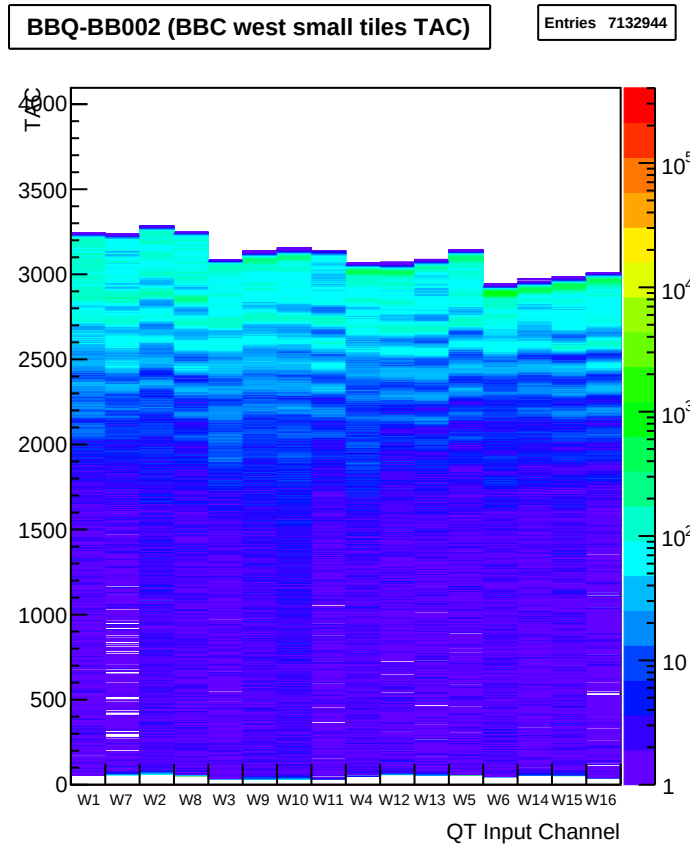

L2-TF201
Entries 3120663
Threshold/UPC bits
367570
372509
367072
375124
370681
363023
437211
78239
73300
78737
70685
75128
82786
8598
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

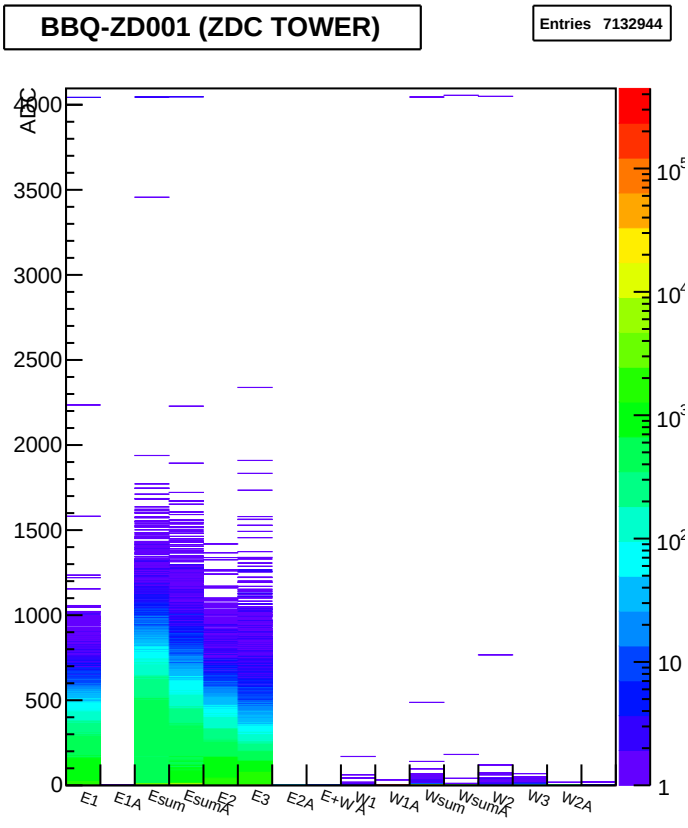

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

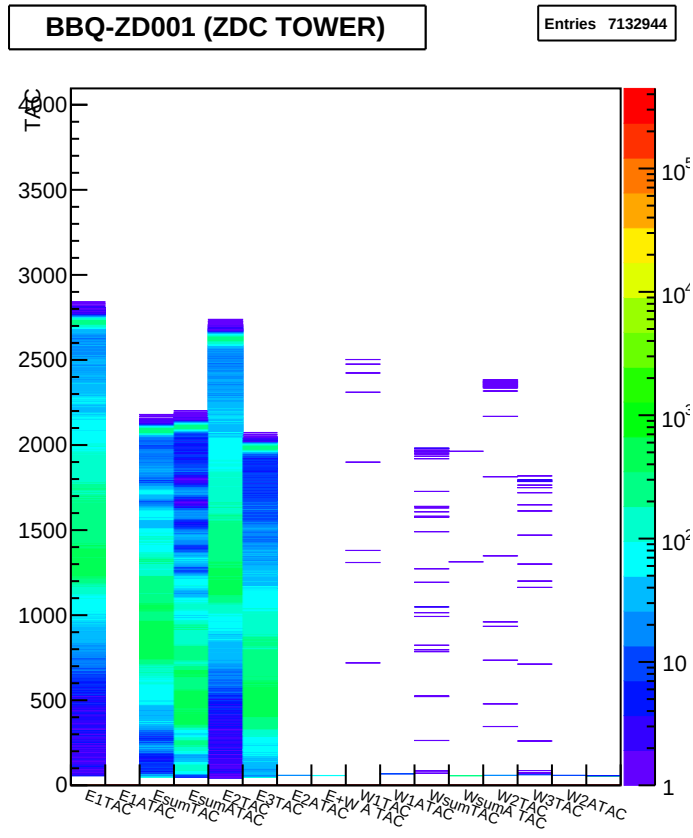

BBQ-BB001 (BBC east small tiles ADC)
Entries 7132944
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

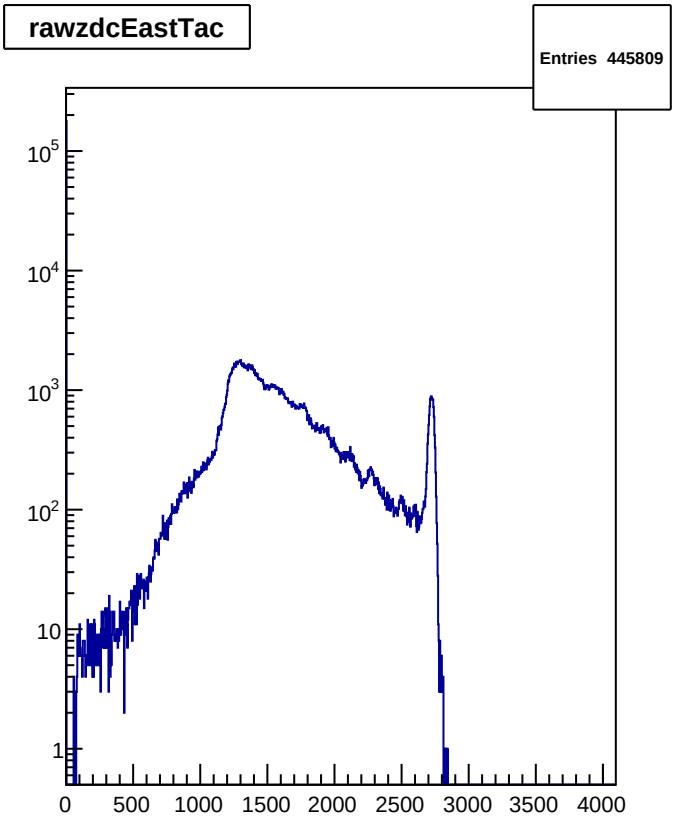

BBQ-BB001 (BBC east small tiles TAC)
Entries 7132944
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

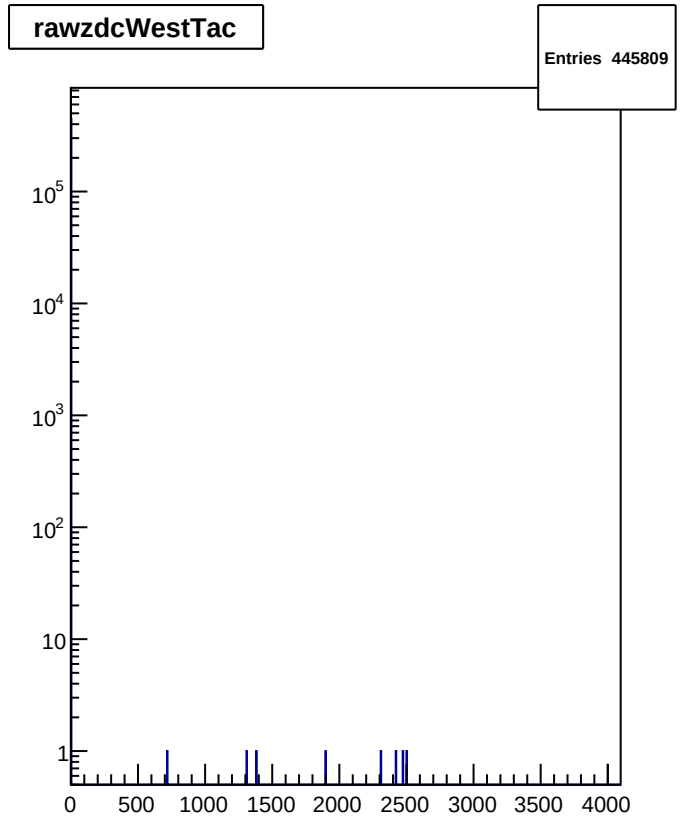

BBQ-BB002 (BBC west small tiles ADC)
Entries 7132944
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

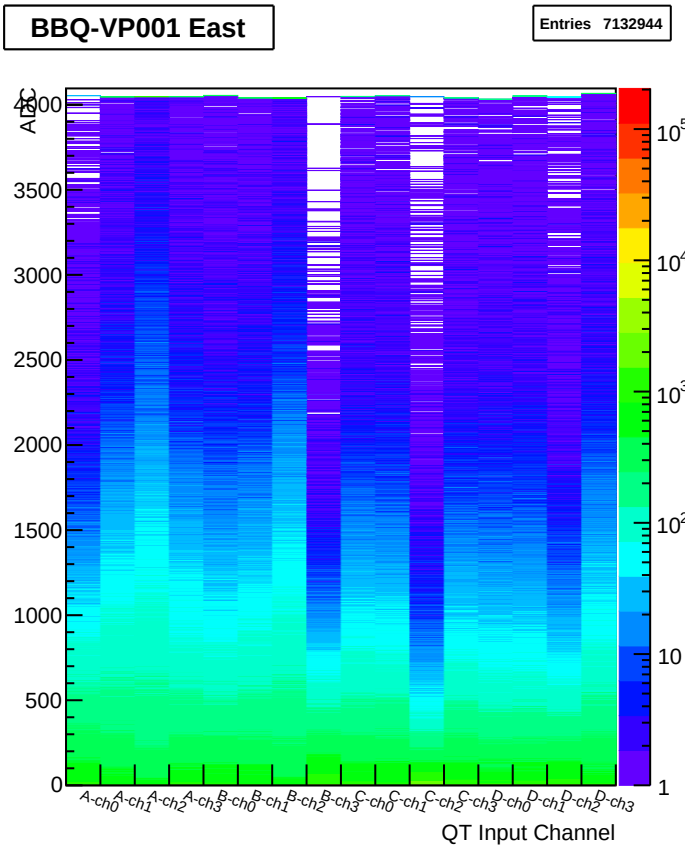

BBQ-BB002 (BBC west small tiles TAC)
Entries 7132944
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

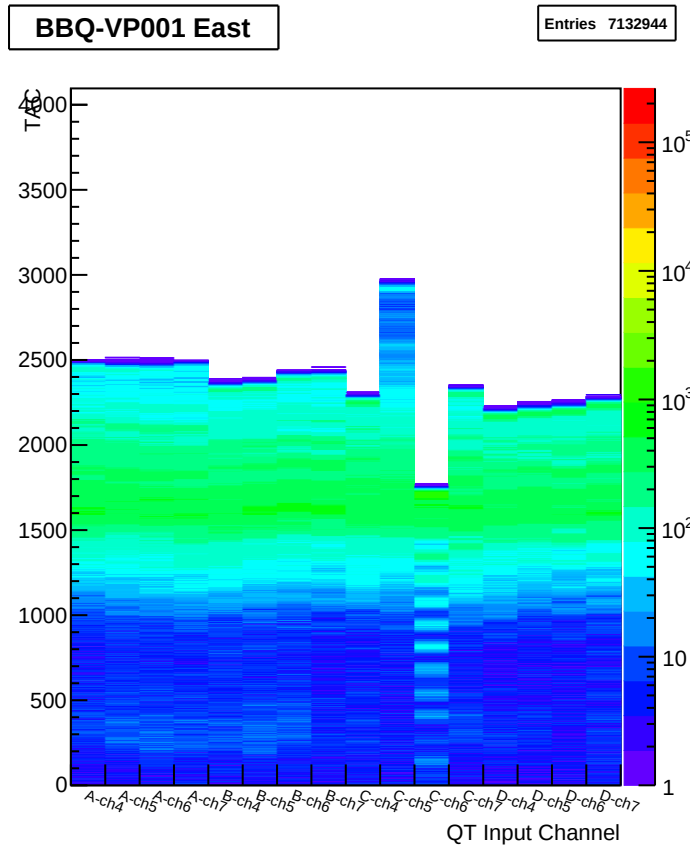

BBQ-ZD001 (ZDC TOWER)
Entries 7132944
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1A
Wsum
WsumA
W2
W3
W2A

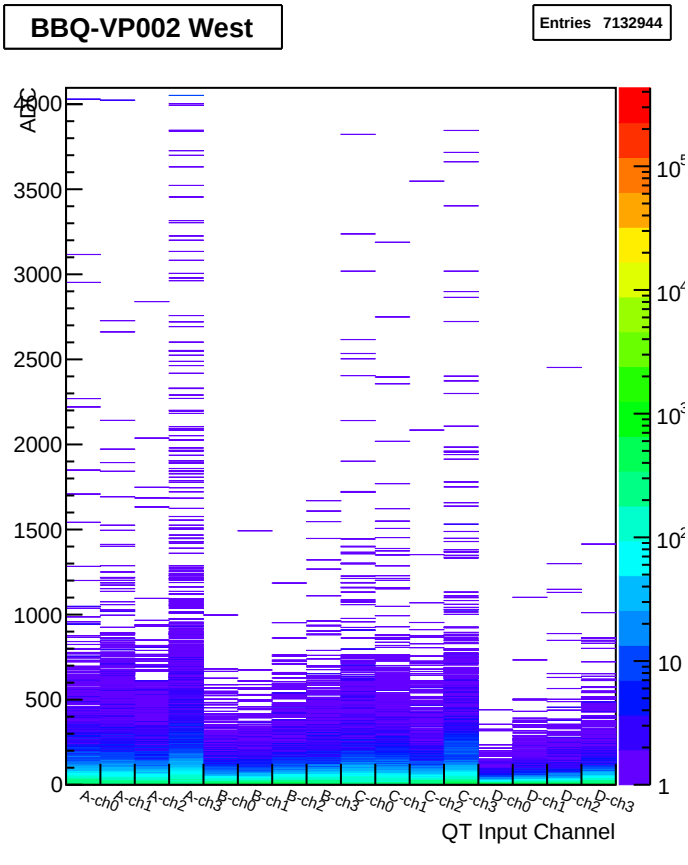

BBQ-ZD001 (ZDC TOWER)
Entries 7132944
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

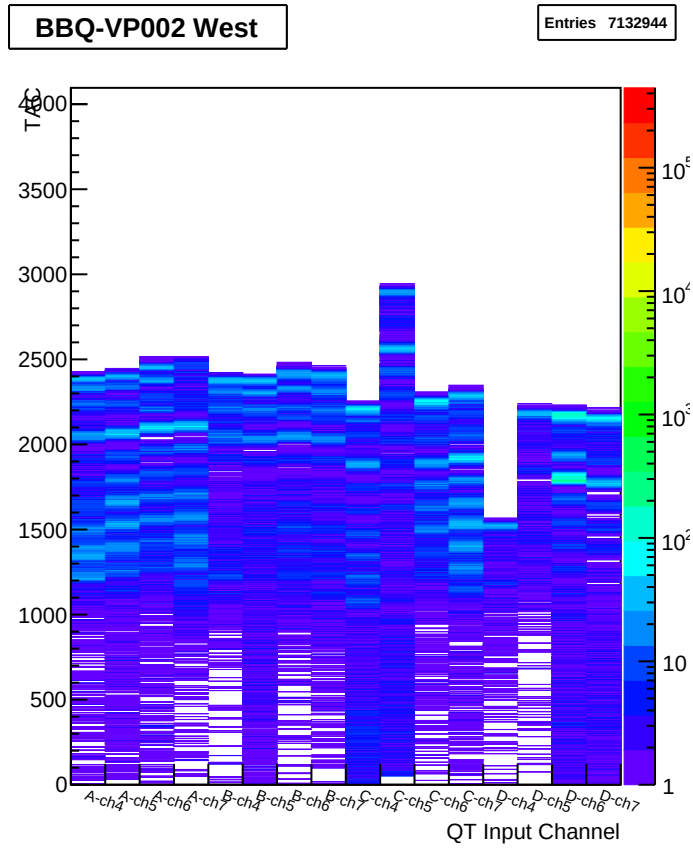

rawzdcEastTac
Entries 445809

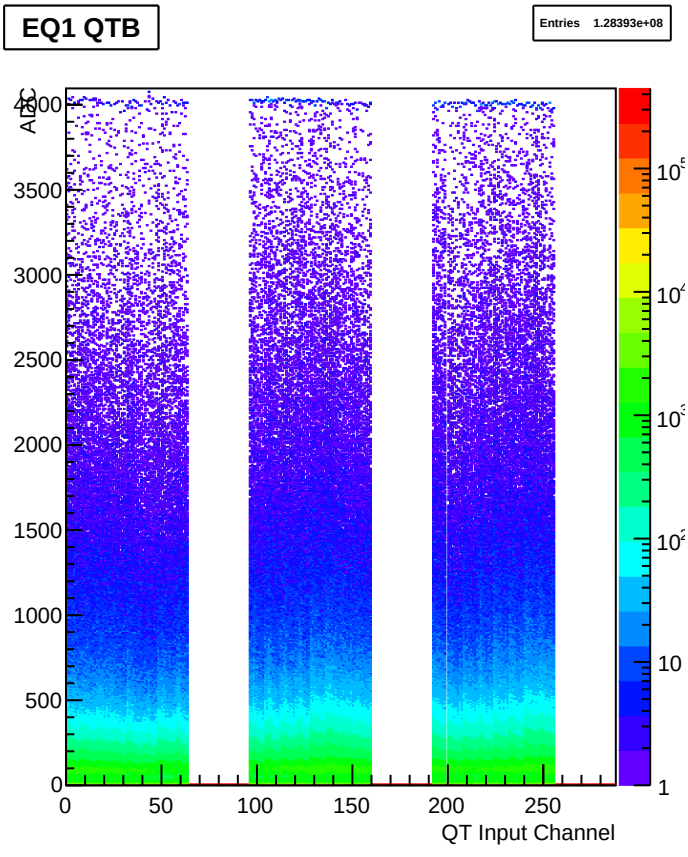

rawzdcWestTac
Entries 445809

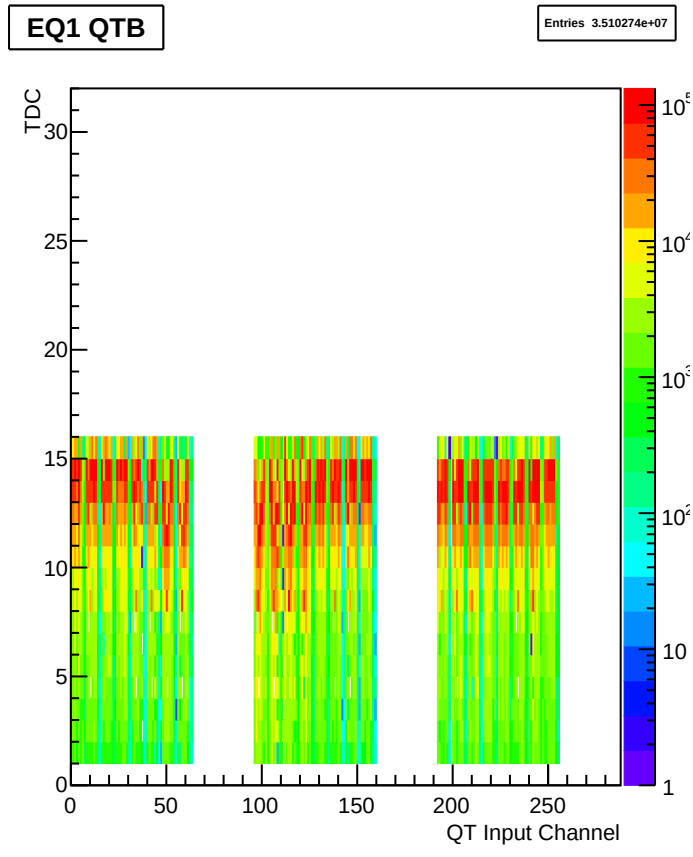

BBQ-VP001 East
Entries 7132944
ADC
QT Input Channel

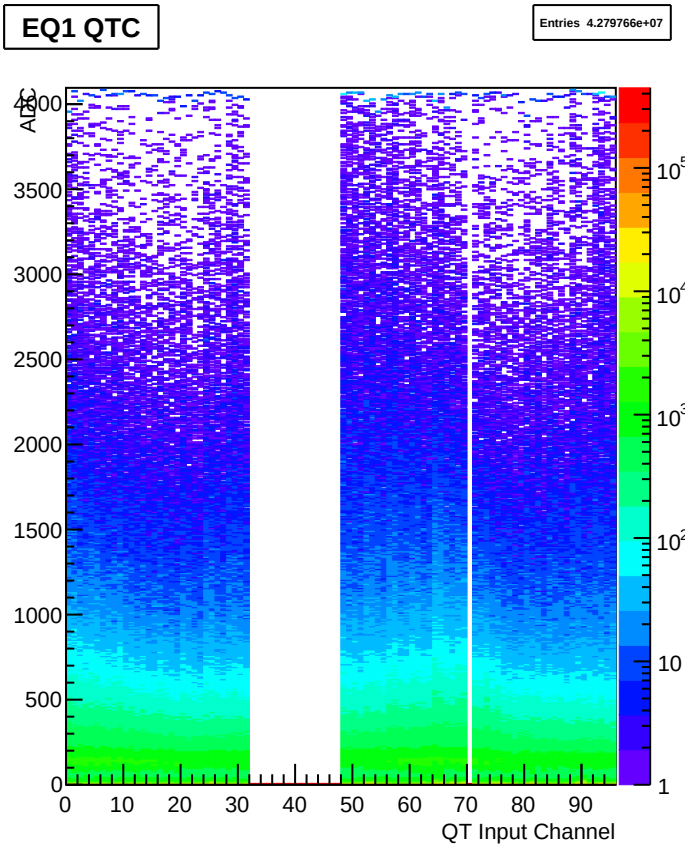

BBQ-VP001 East
Entries 7132944
TADC
QT Input Channel

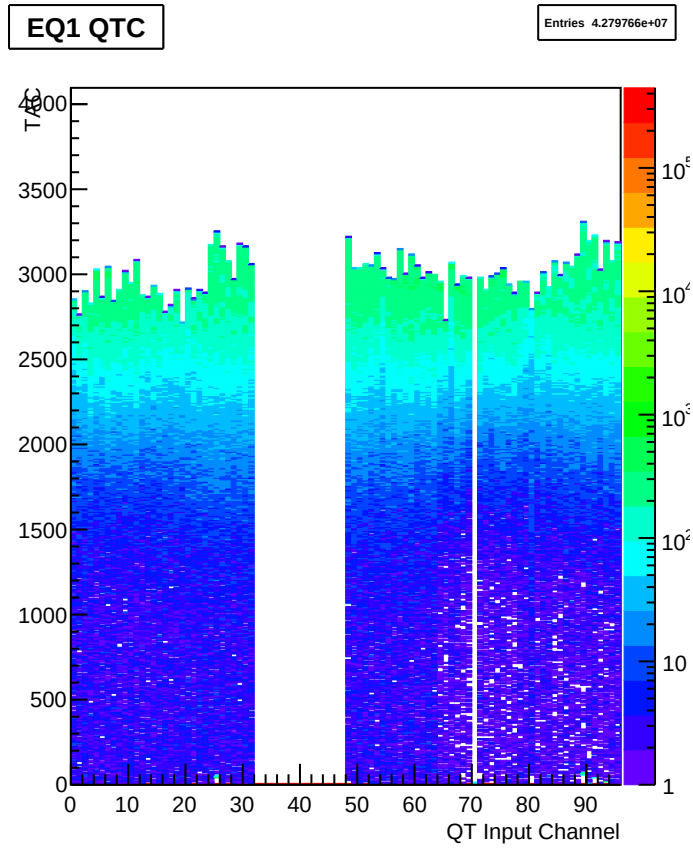

BBQ-VP002 West
Entries 7132944
ADC
QT Input Channel

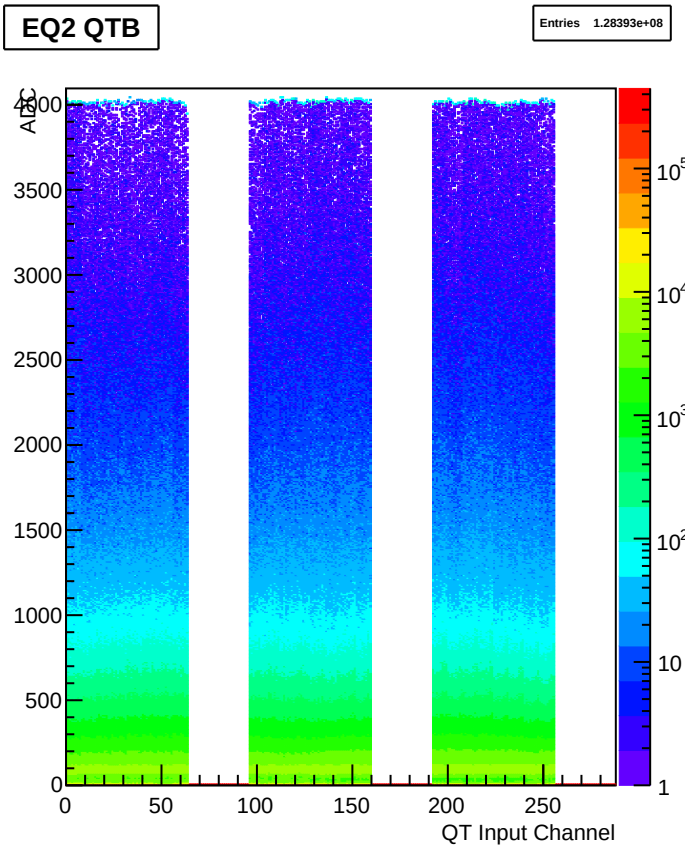

BBQ-VP002 West
Entries 7132944
TADC
QT Input Channel

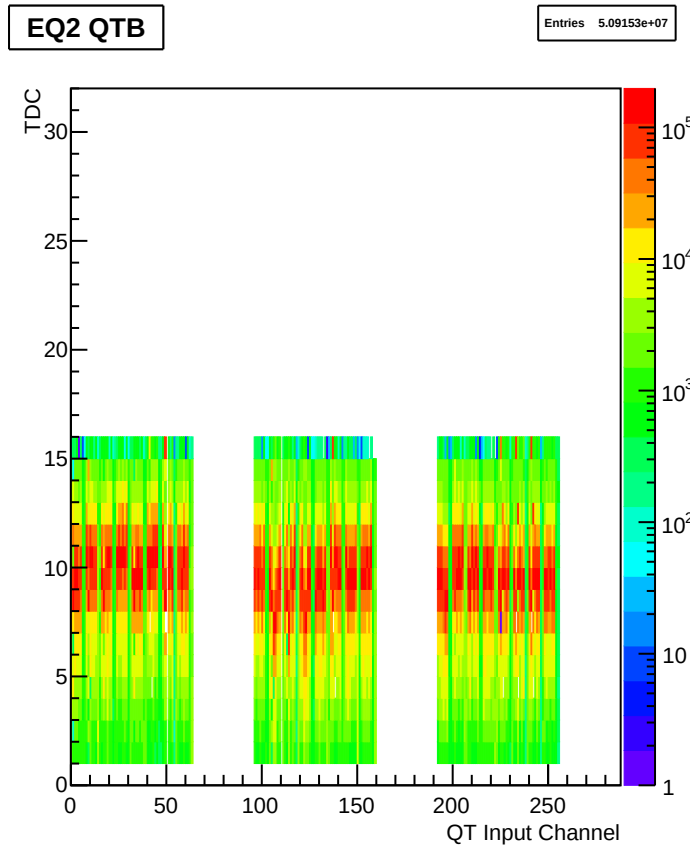

EQ1 QTB
Entries 1.28393e+08
ADC
QT Input Channel

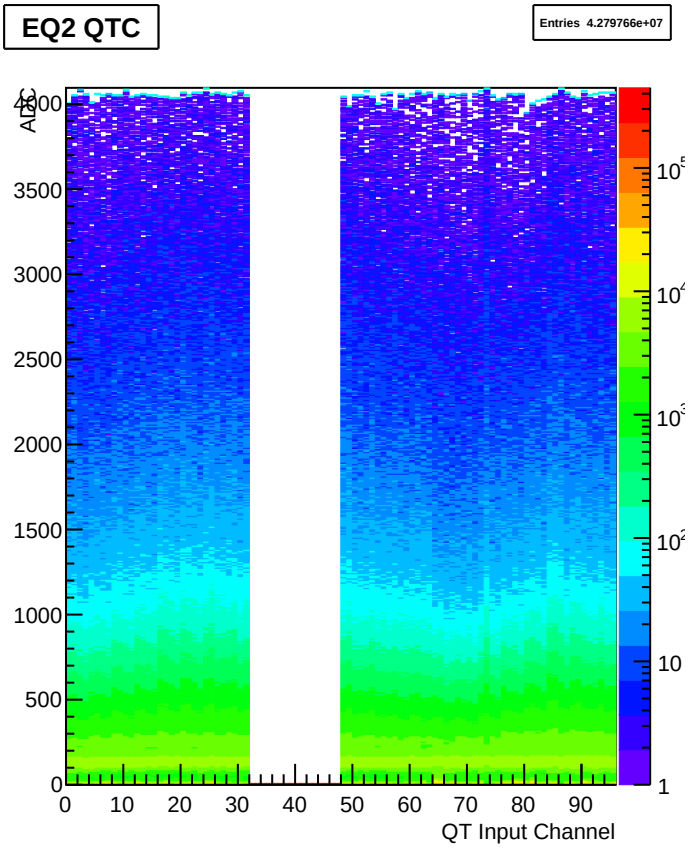

EQ1 QTB
Entries 3.510274e+07
TDC
QT Input Channel

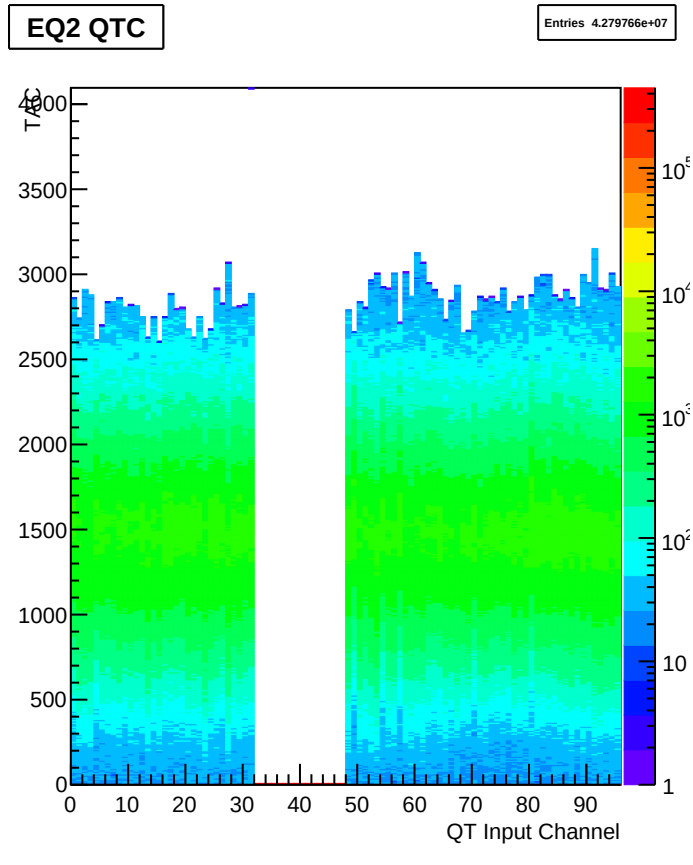

EQ1 QTC
Entries 4.279766e+07
ADC
QT Input Channel

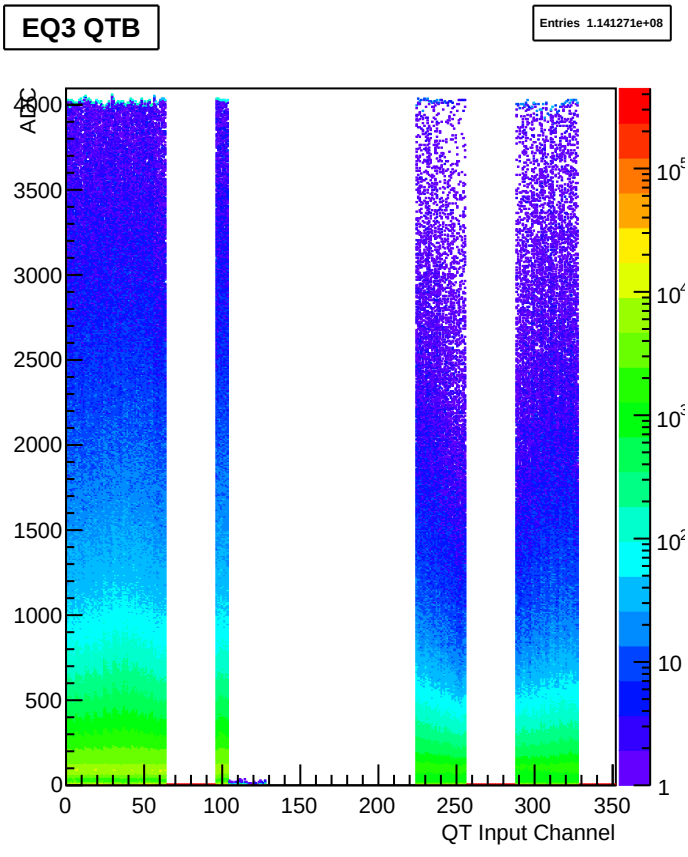

EQ1 QTC
Entries 4.279766e+07
TADC
QT Input Channel

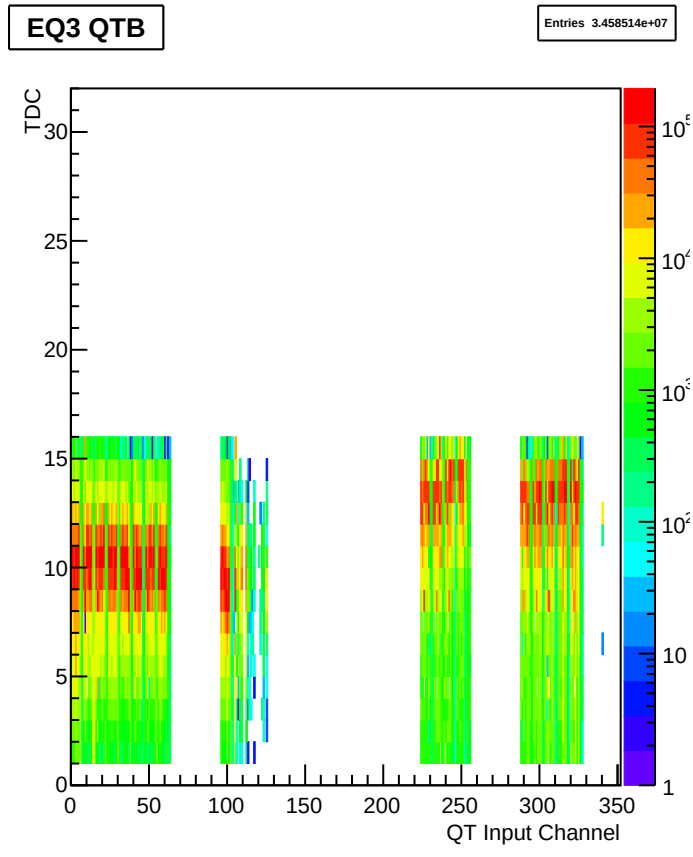

EQ2 QTB
Entries 1.28393e+08
ADC
QT Input Channel

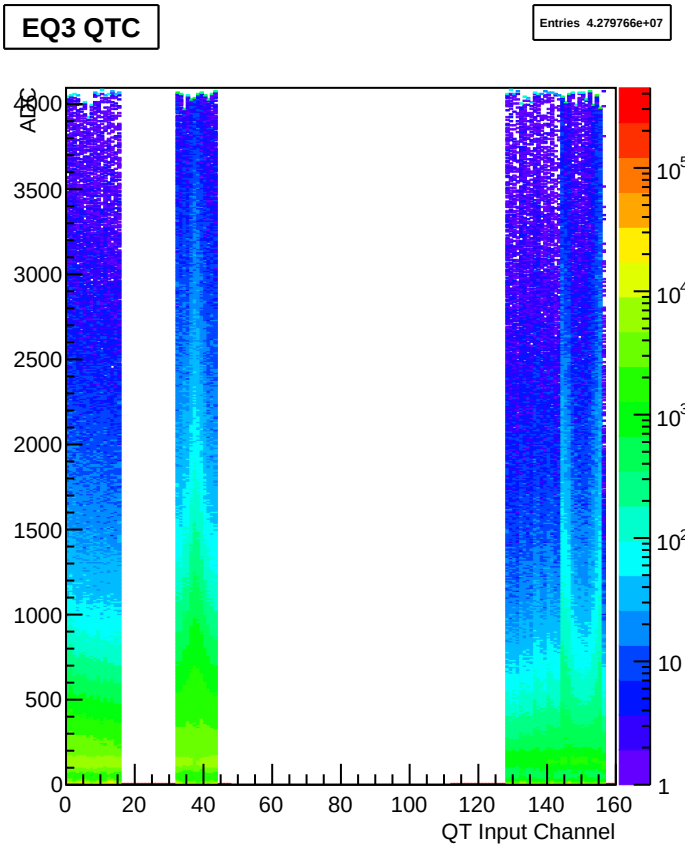

EQ2 QTB
Entries 5.09153e+07
TDC
QT Input Channel

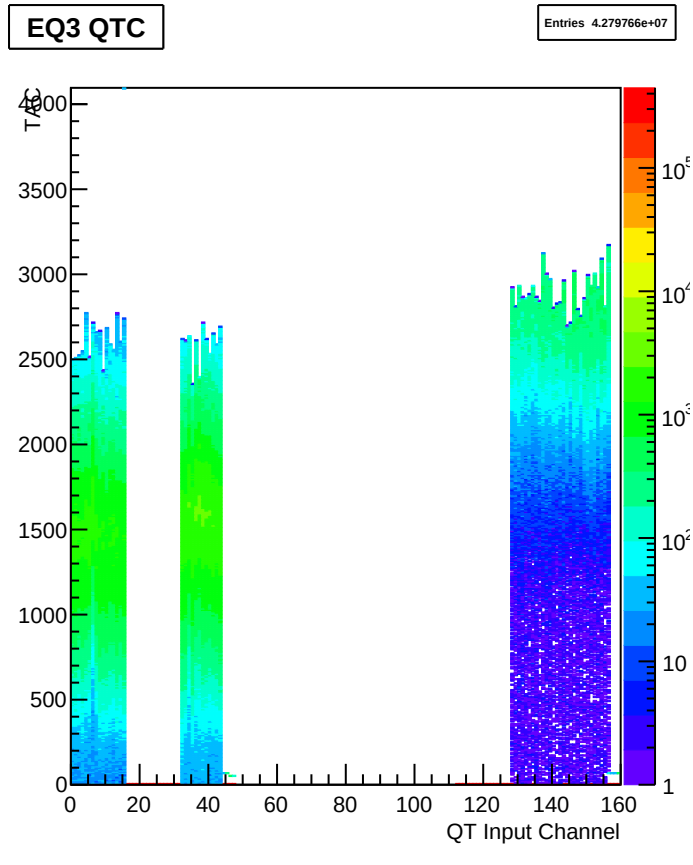

EQ2 QTC
Entries 4.279766e+07
ADC
QT Input Channel

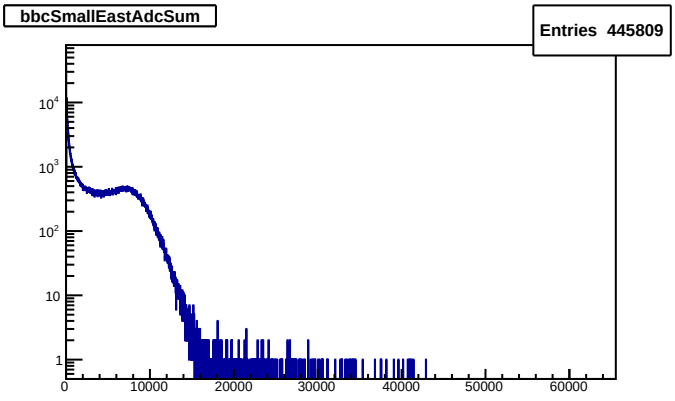

EQ2 QTC
Entries 4.279766e+07
TADC
QT Input Channel

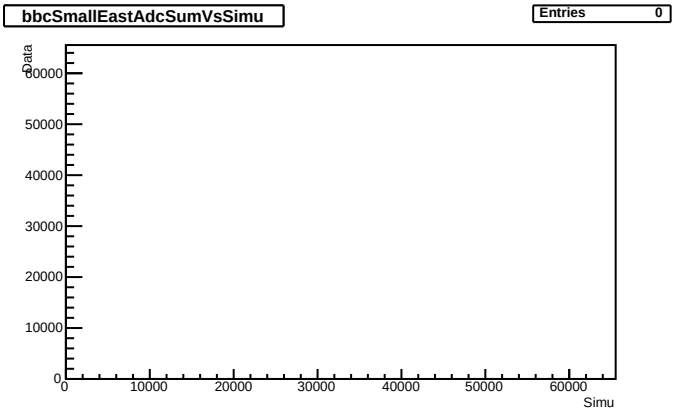

EQ3 QTB
Entries 1.141271e+08
ADC
QT Input Channel


EQ3 QTB
Entries 3.458514e+07
TDC
QT Input Channel


EQ3 QTC
Entries 4.279766e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.279766e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 445809


bbcSmallEastAdcSumVsSimu
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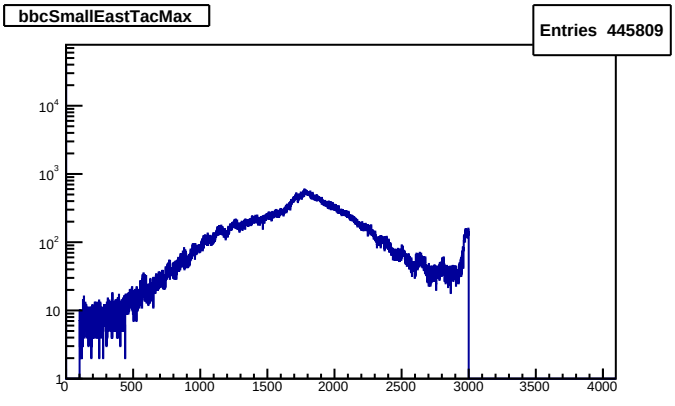
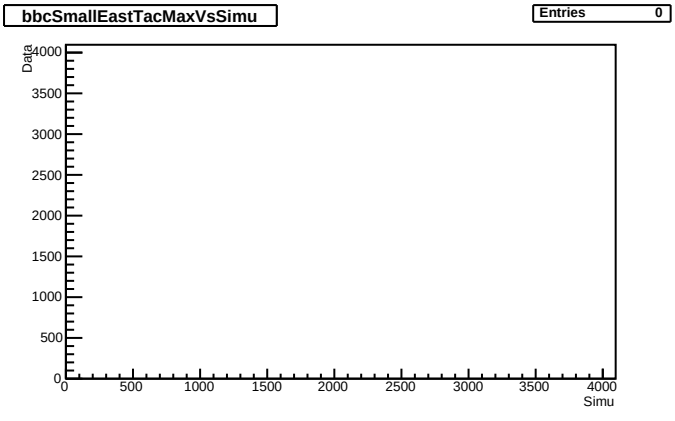
Data
Simu


bbcSmallEastTacMax
Entries 445809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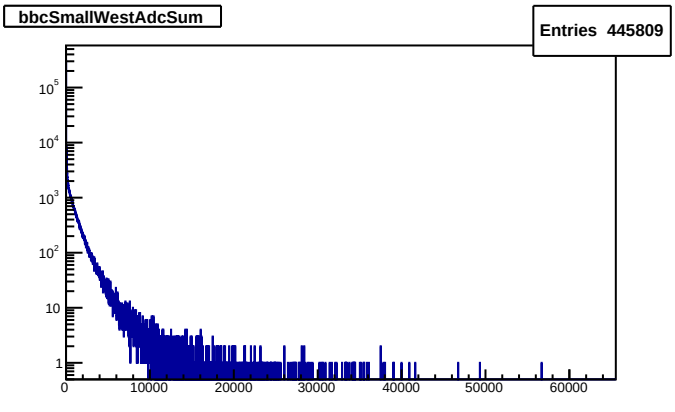
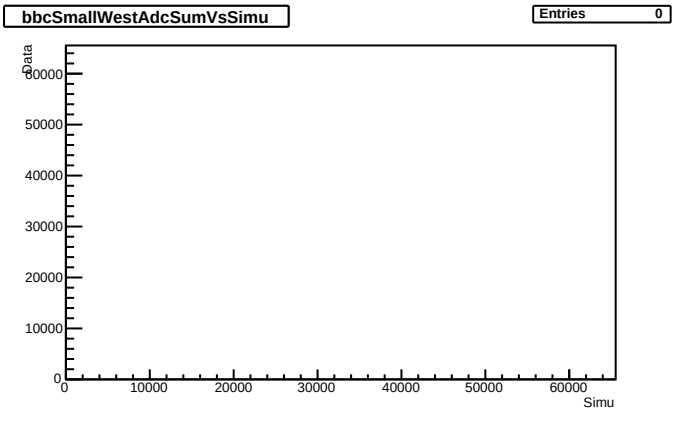
Simu


bbcSmallWestAdcSum
Entries 445809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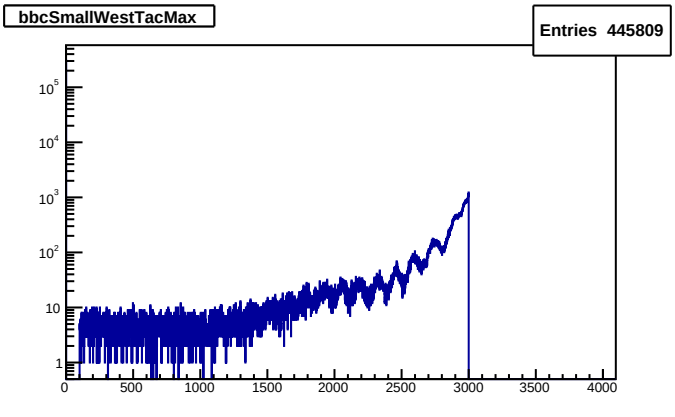
Simu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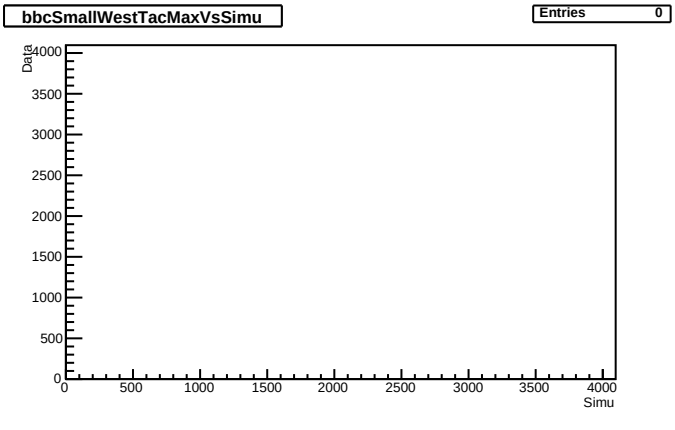
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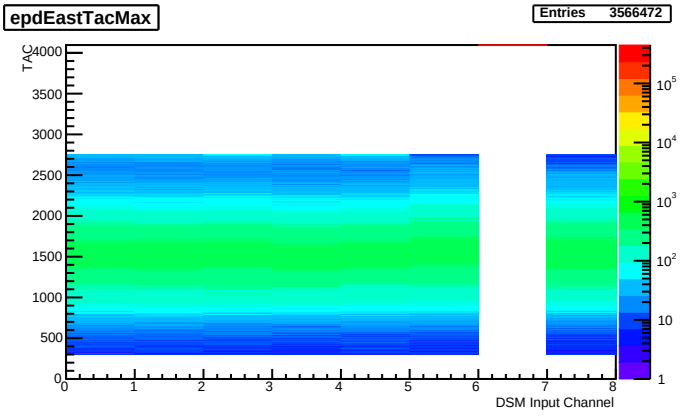
Entries 0
Data
Simu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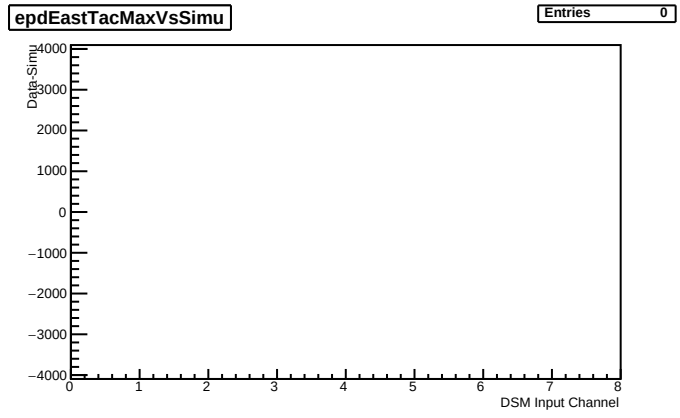
Entries 3566472
TAC
DSM Input Channel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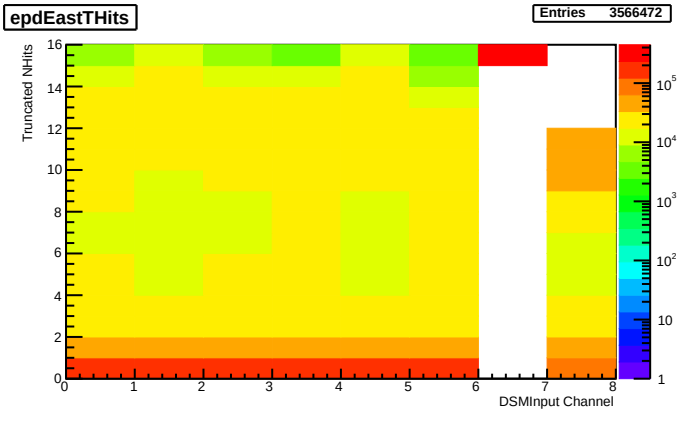
DSM Input Channel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Entries 3566472
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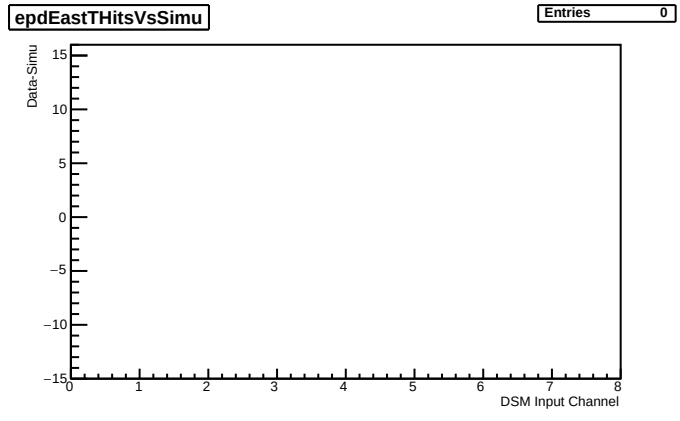
DSMInput Channel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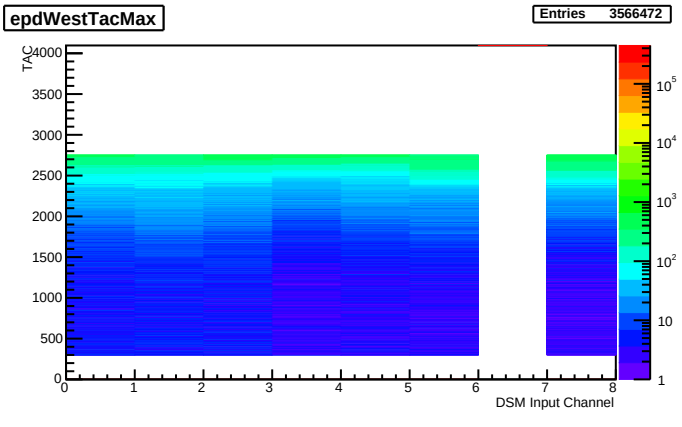
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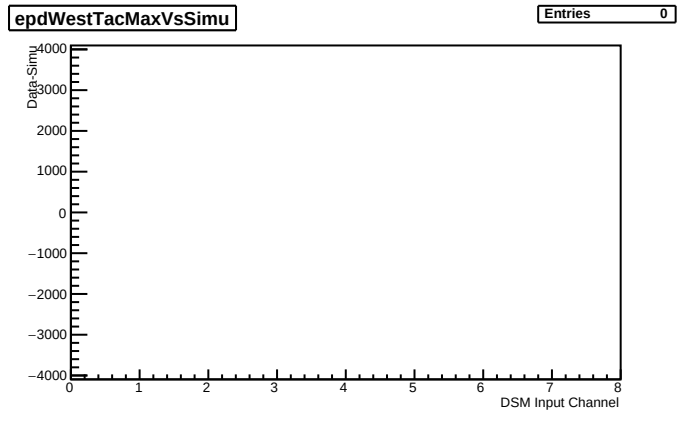
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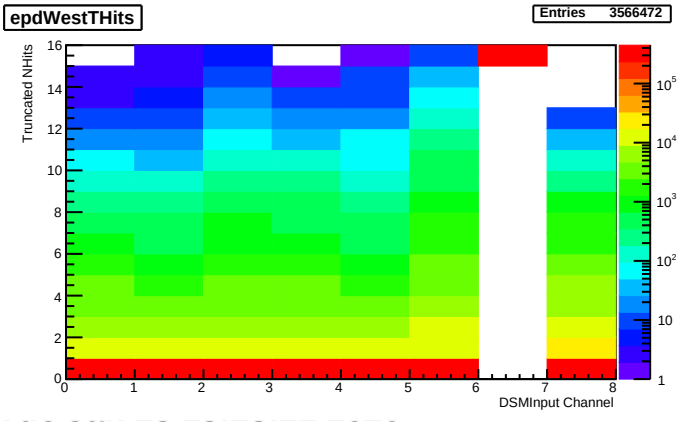
DSM Input Channel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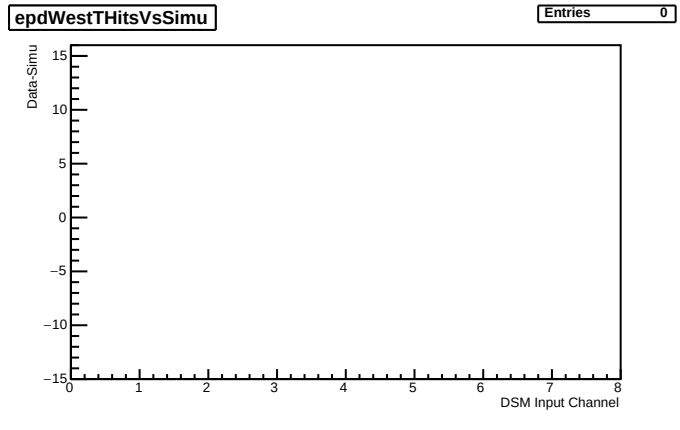
Entries 3566472
Truncated NHits
DSMInput Channel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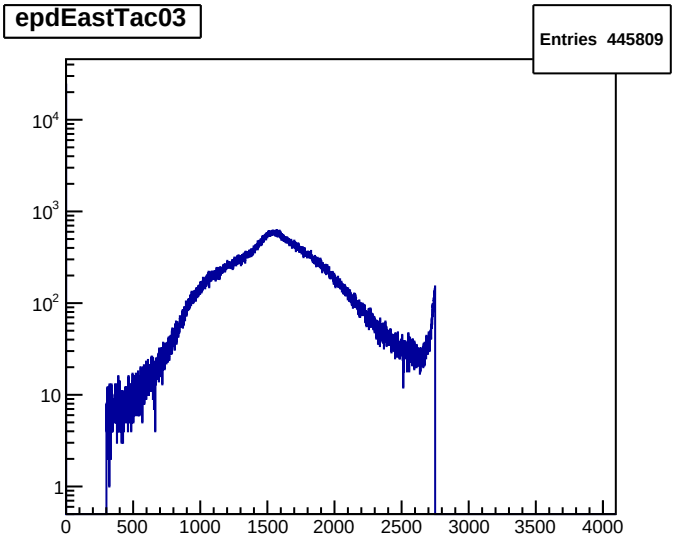
DSM Input Channel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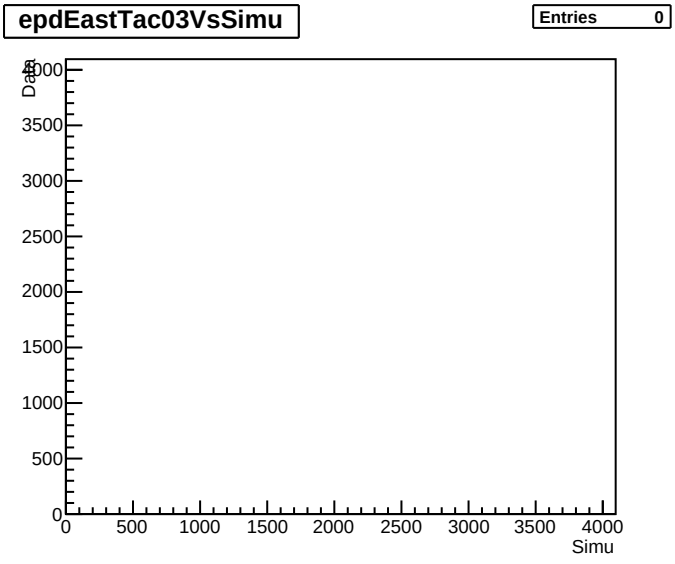
Entries 445809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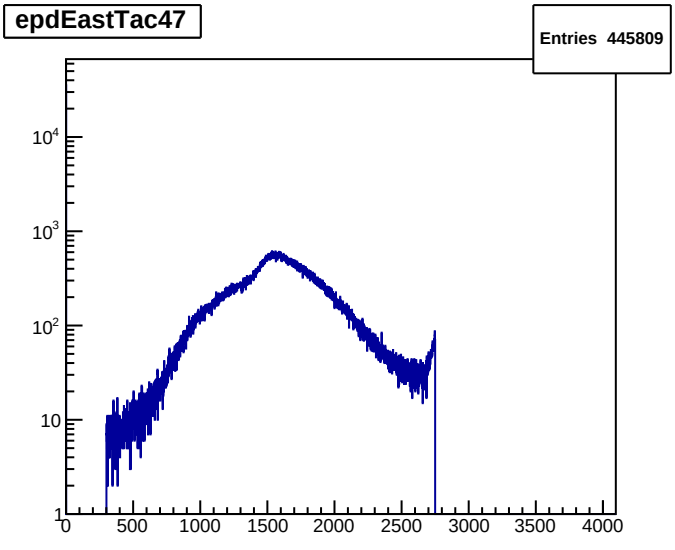
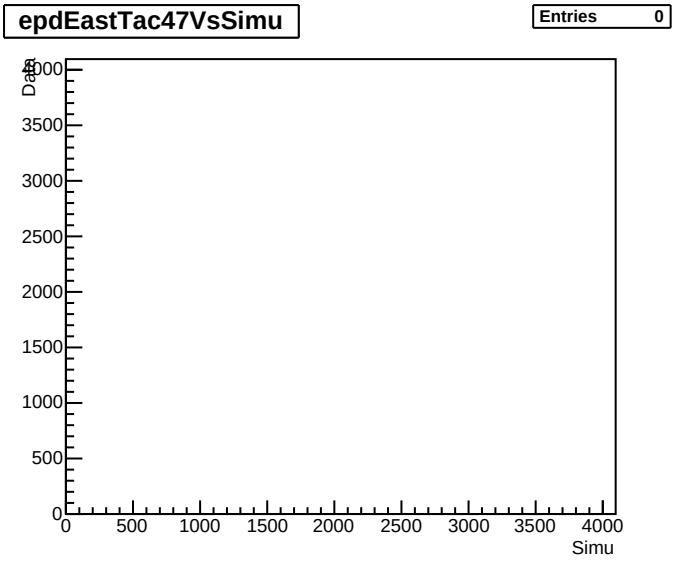
Entries 0
Data
Simu


epdEastTac47
Entries 445809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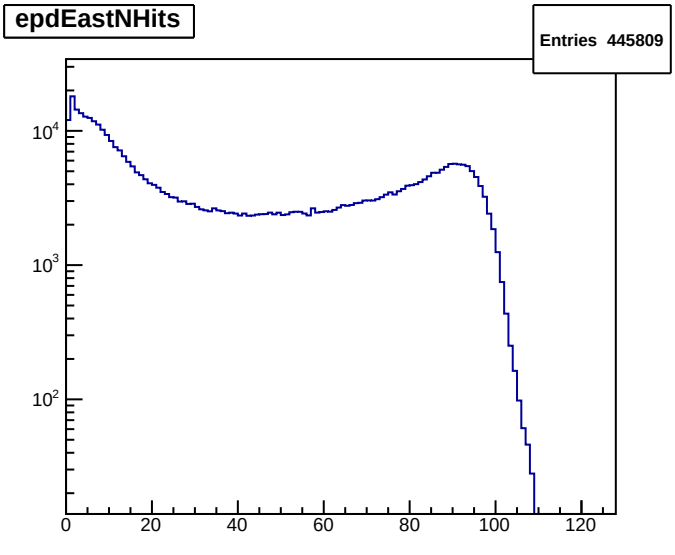
Entries 0
Data
Simu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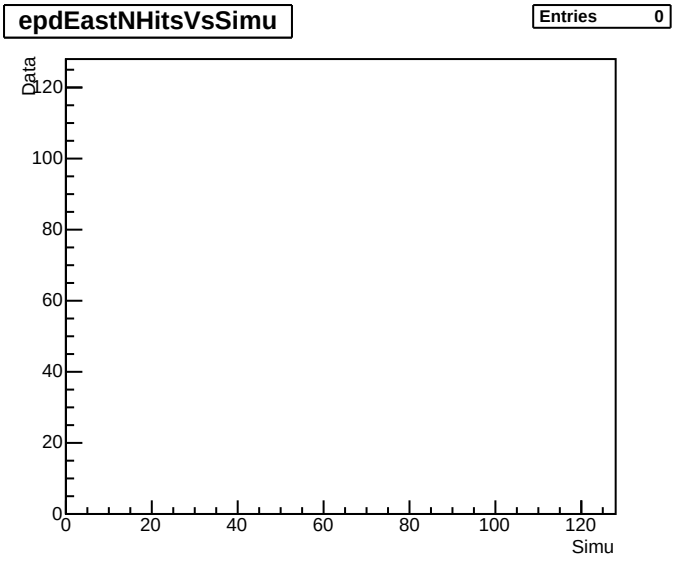
Entries 445809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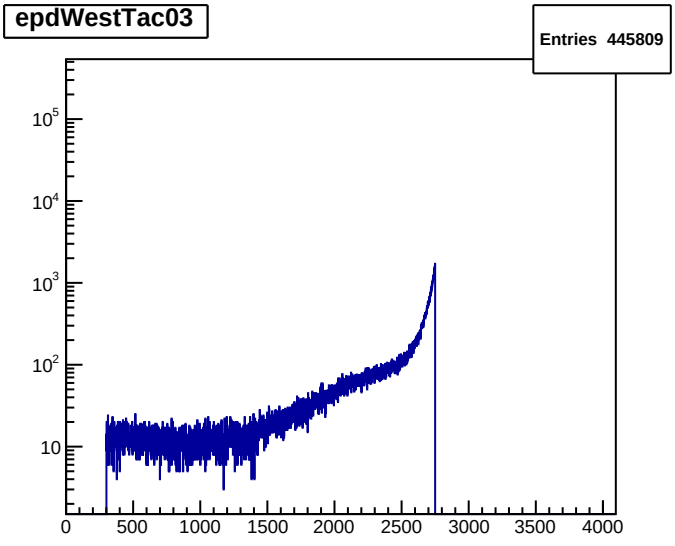
Data
Simu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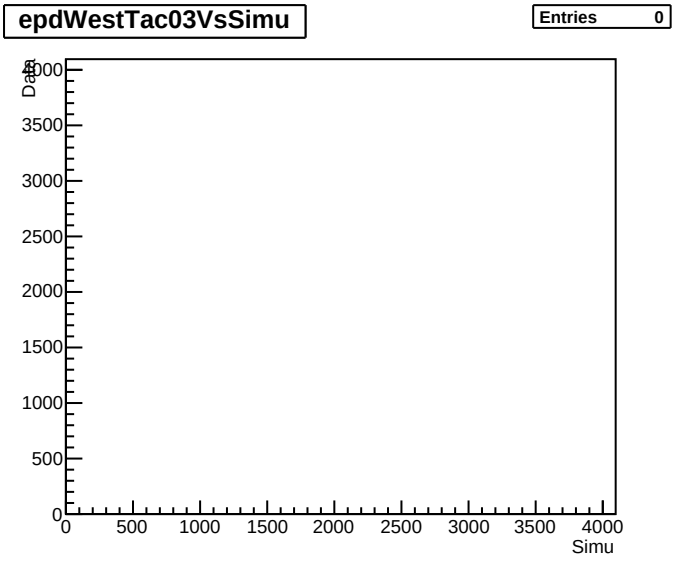
Entries 445809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Entries 0
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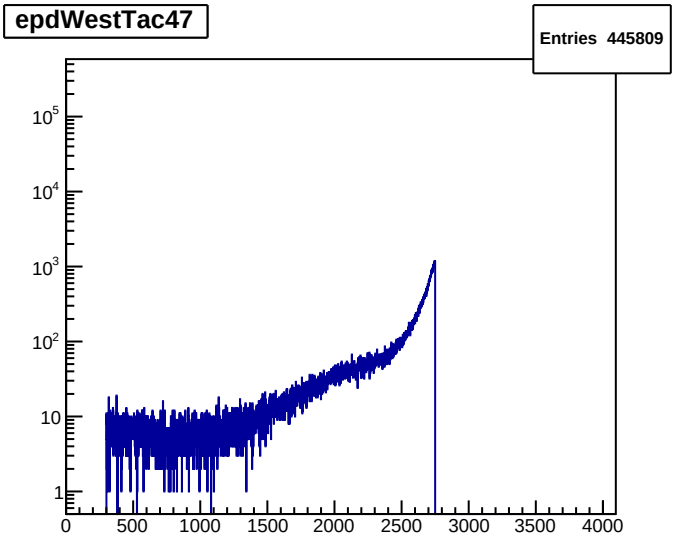
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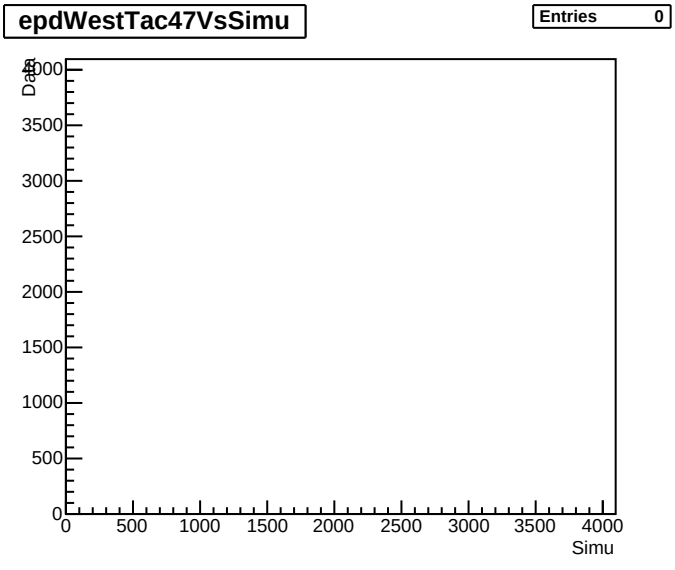
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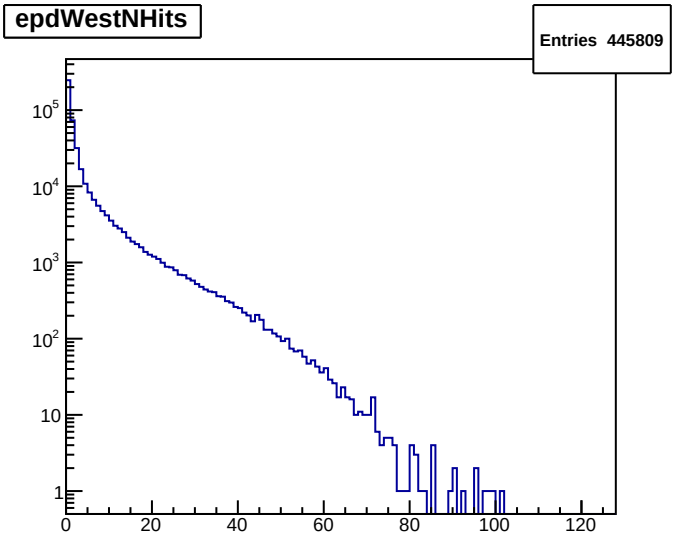
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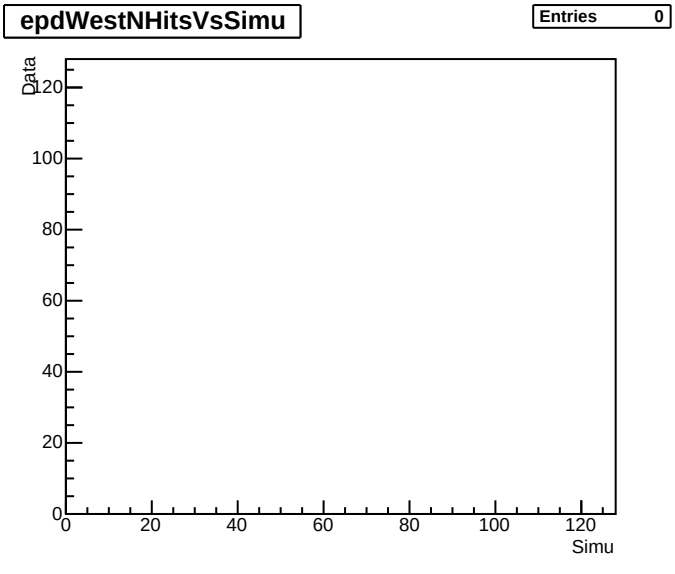
Entries 445809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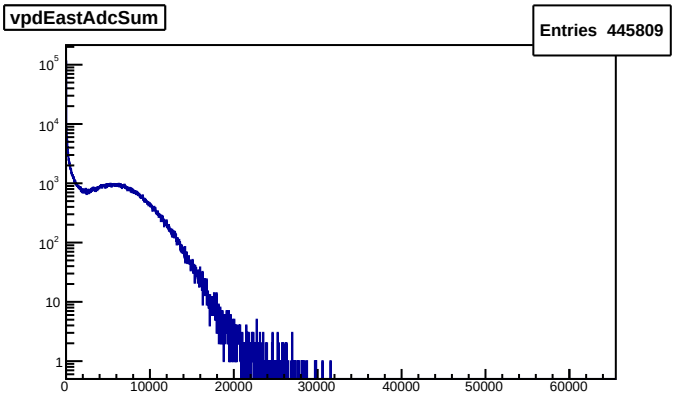
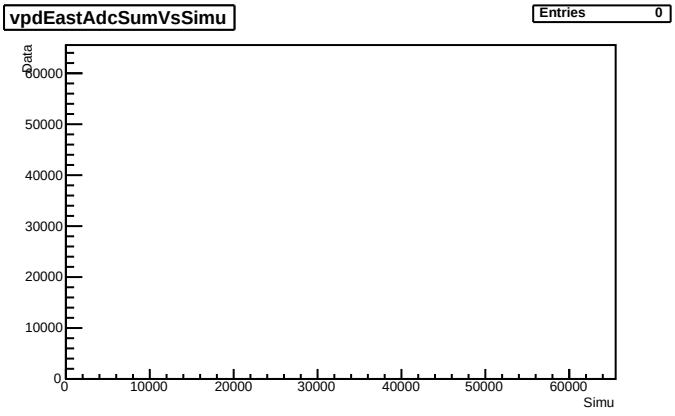
Entries 0
Data
Simu


vpdEastAdcSum
Entries 445809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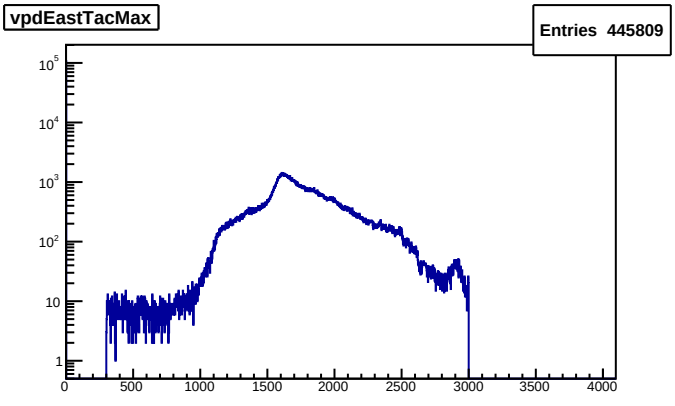
Entries 0
Data
Simu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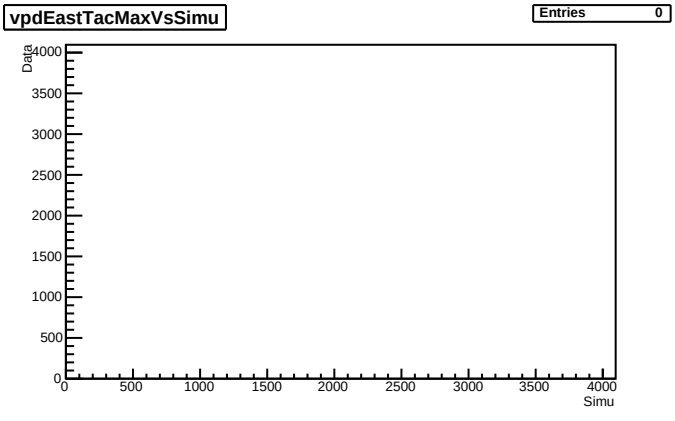
Entries 445809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Entries 0
Data
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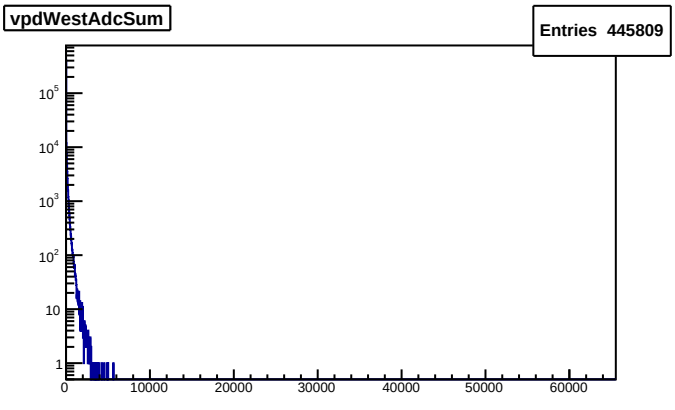
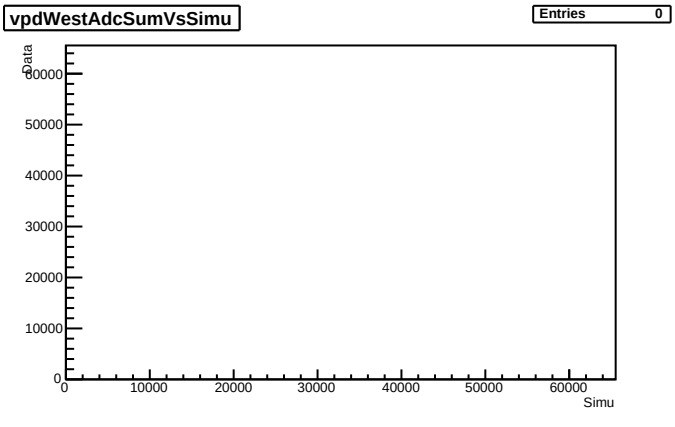

vpdWestAdcSum
Entries 445809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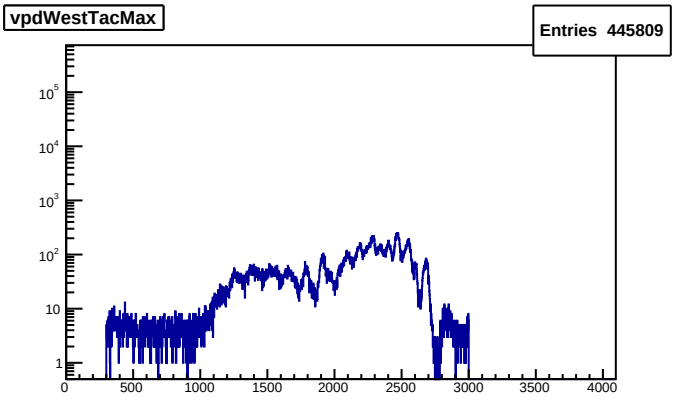
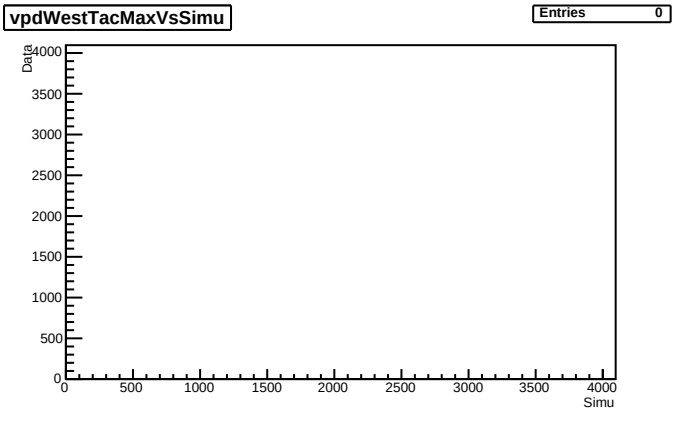
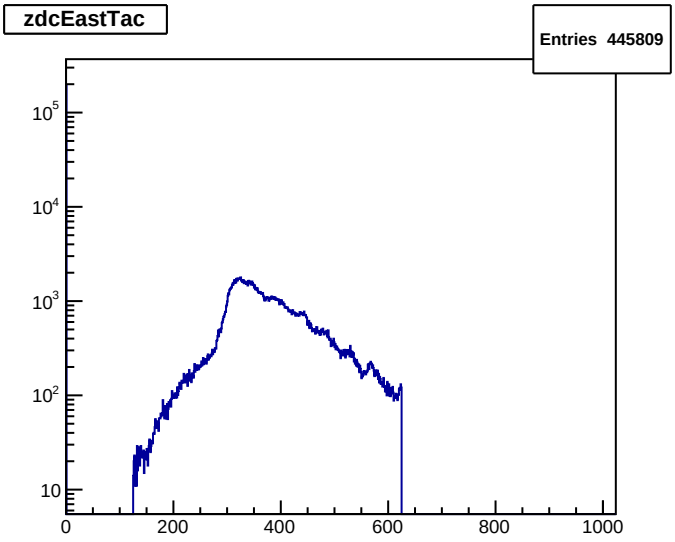
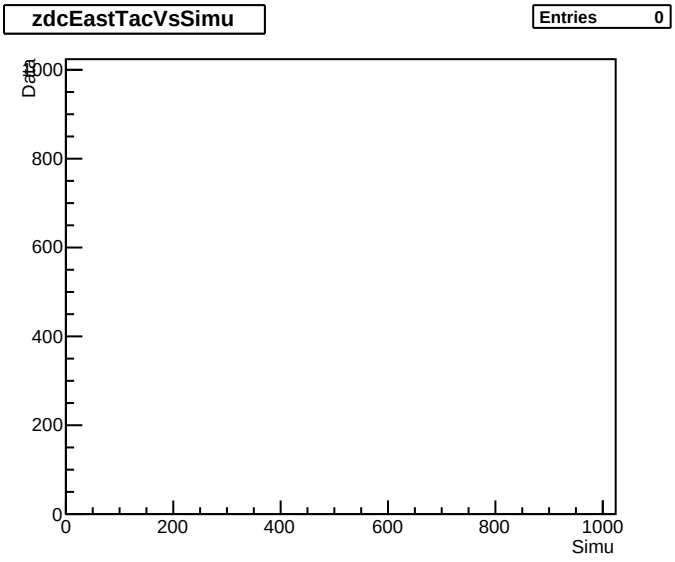
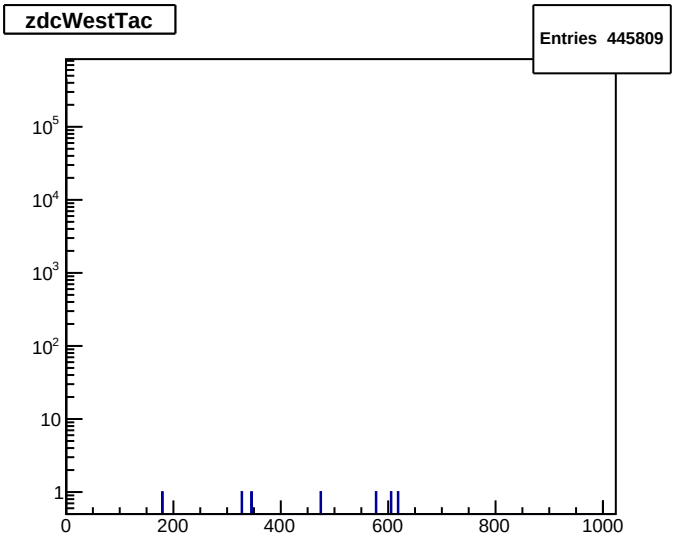
Entries 0
Data
Simu

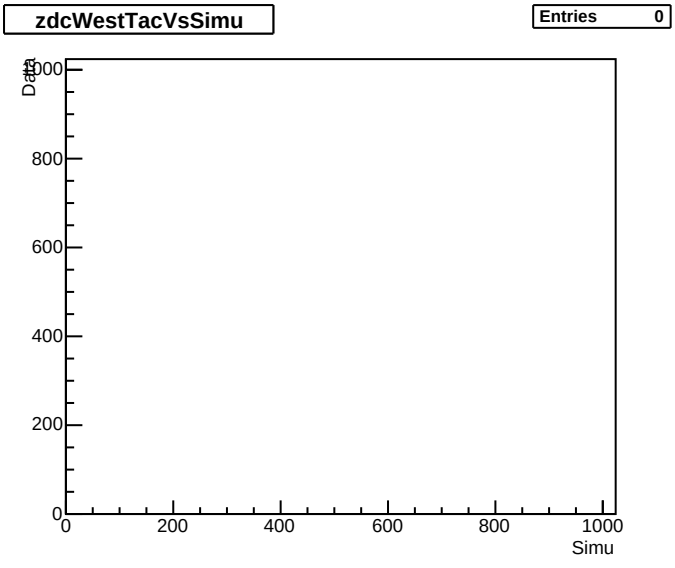

vpdWestTacMax
Entries 445809

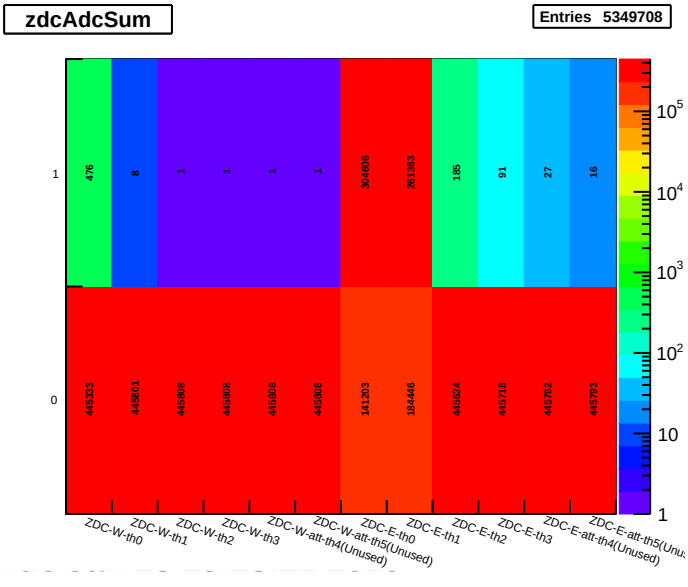

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 445809
10^5
10^4
10^3
10^2
10
0
200
400
600
800
1000


zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcWestTac
Entries 445809
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcAdcSum
Entries 5349708
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0
476
8
1
1
1
1
304606
261383
185
91
27
16
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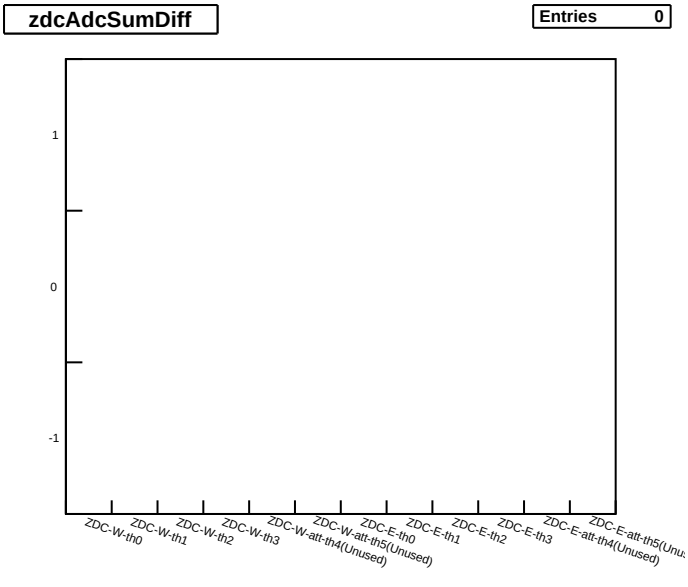
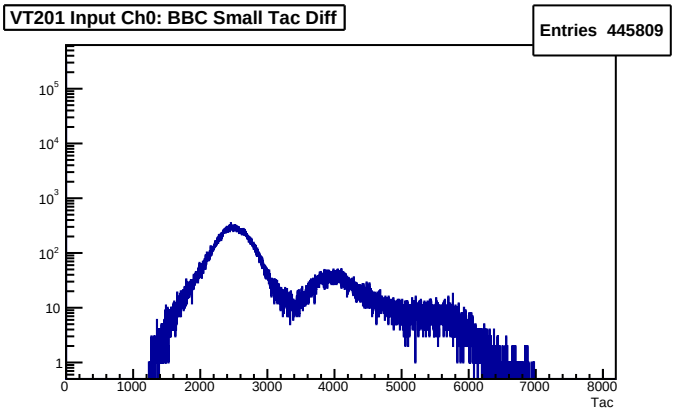
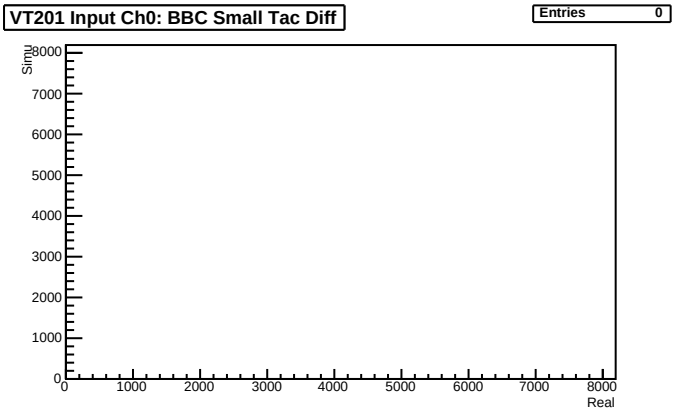
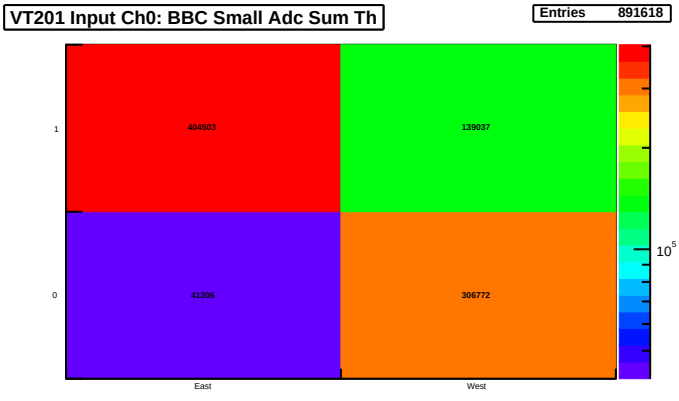
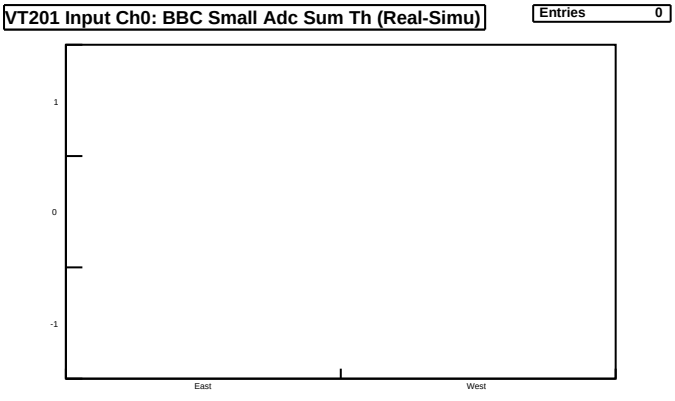
445808
445808
445808
445808
141203
184446
445624
445718
445782
445793
10^5
10^4
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

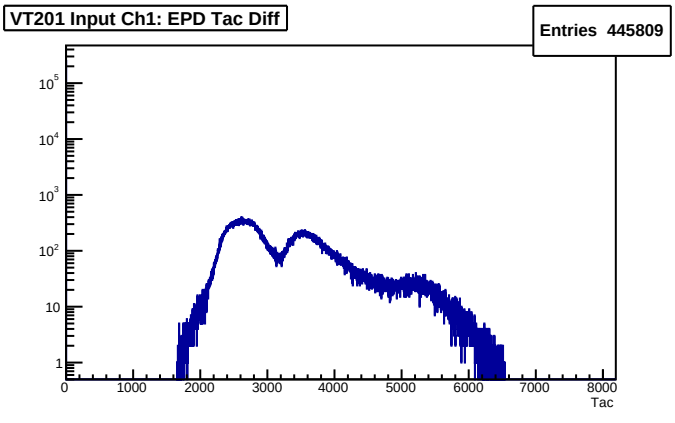

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

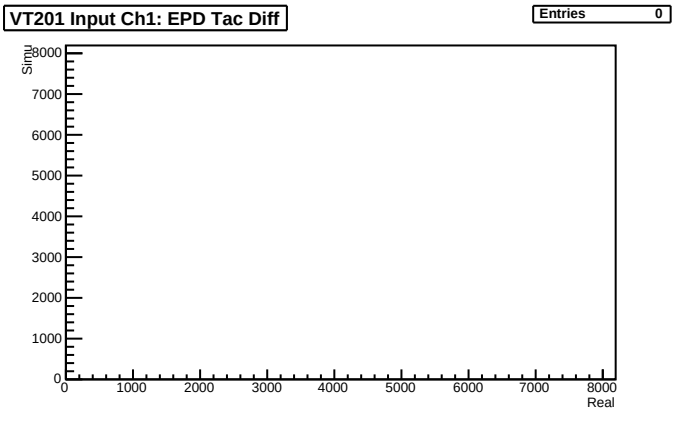

VT201 Input Ch0: BBC Small Tac Diff
Entries 445809
Tac

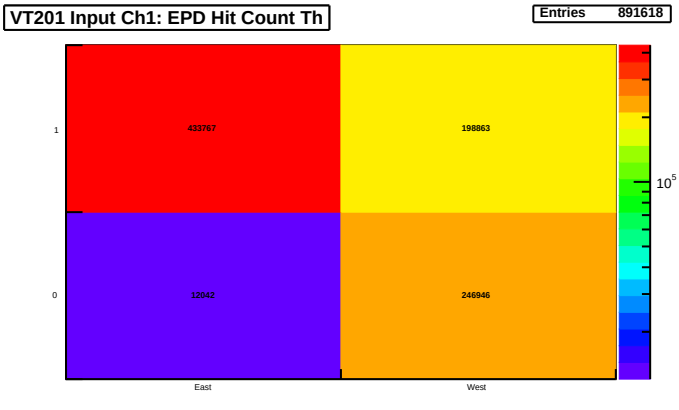

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

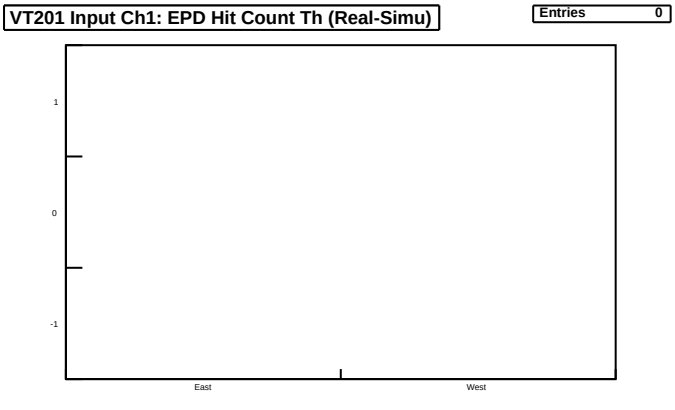

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 891618
404503
139037
41306
306772
East
West

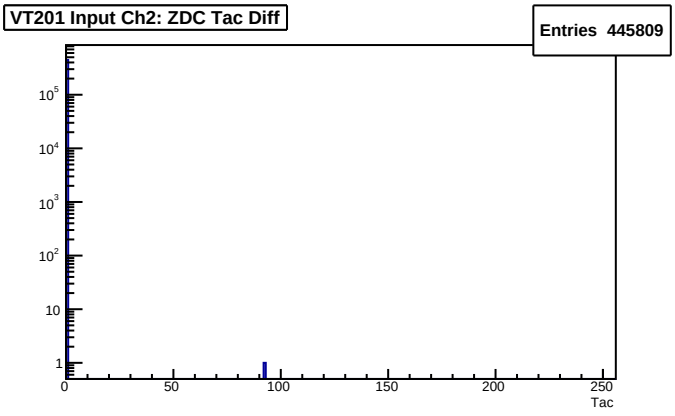

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

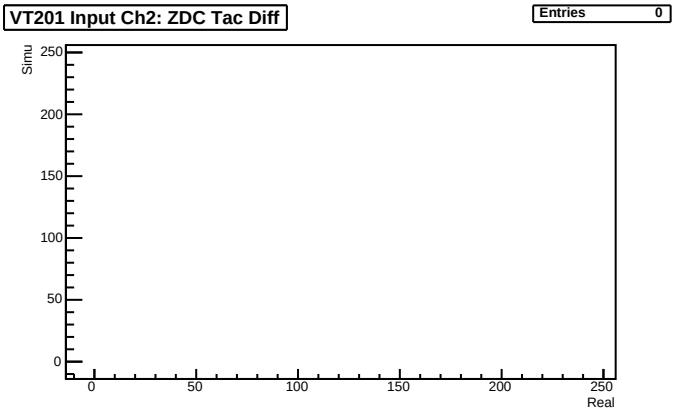

VT201 Input Ch1: EPD Tac Diff
Entries 445809
Tac

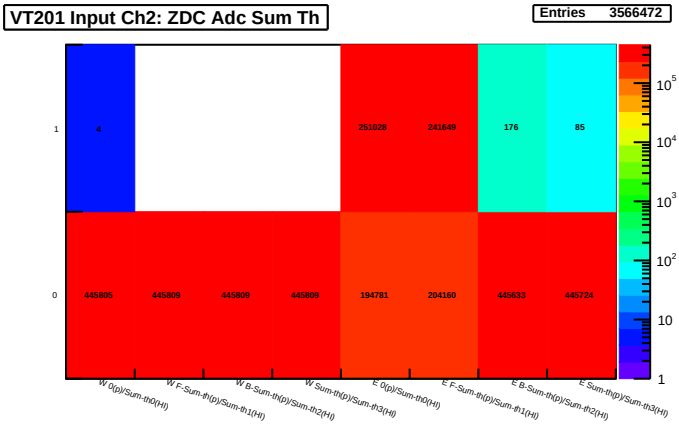

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

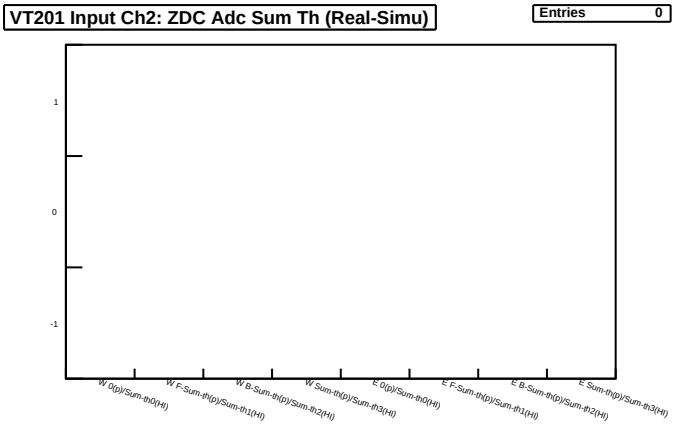

VT201 Input Ch1: EPD Hit Count Th
Entries 891618
433767
198863
12042
246946
East
West

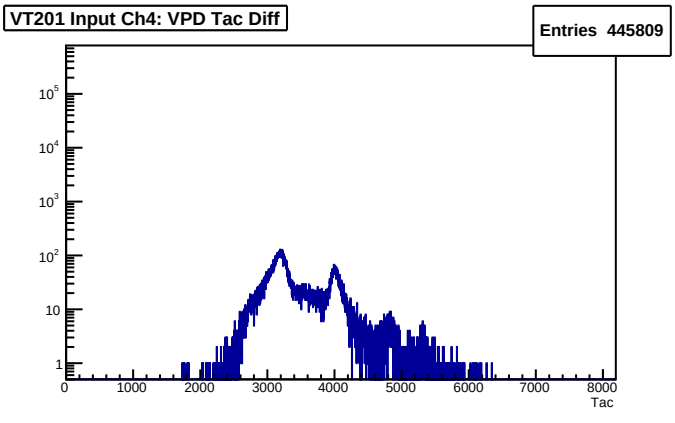

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

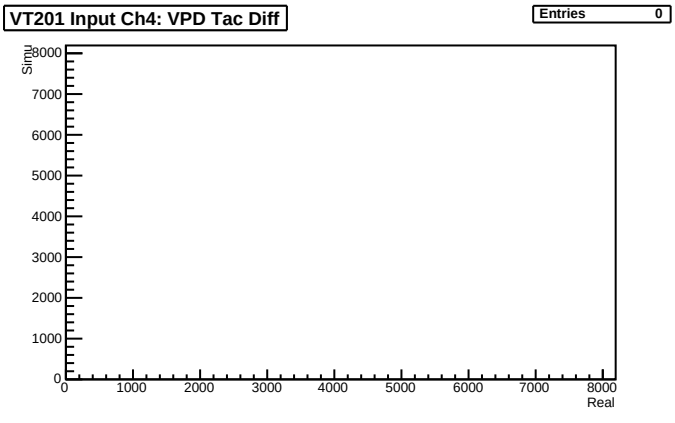

VT201 Input Ch2: ZDC Tac Diff
Entries 445809
Tac

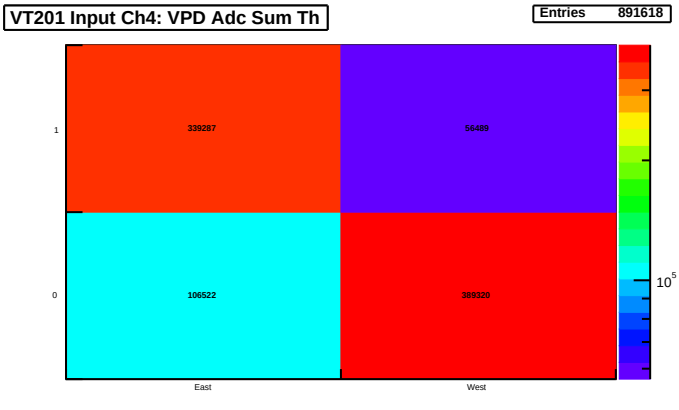

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

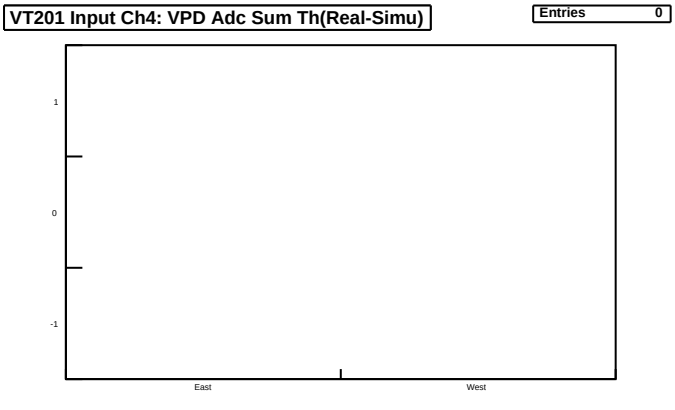

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3566472
4
251028
241649
176
85
445805
445809
445809
445809
194781
204160
445633
445724
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

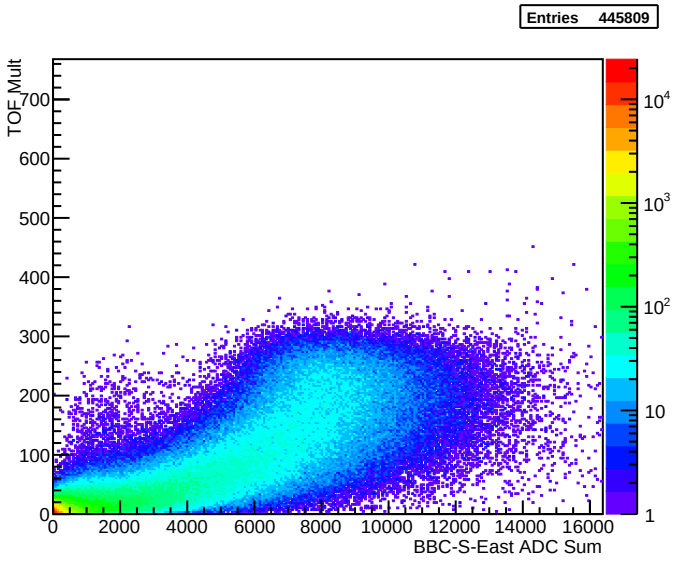

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

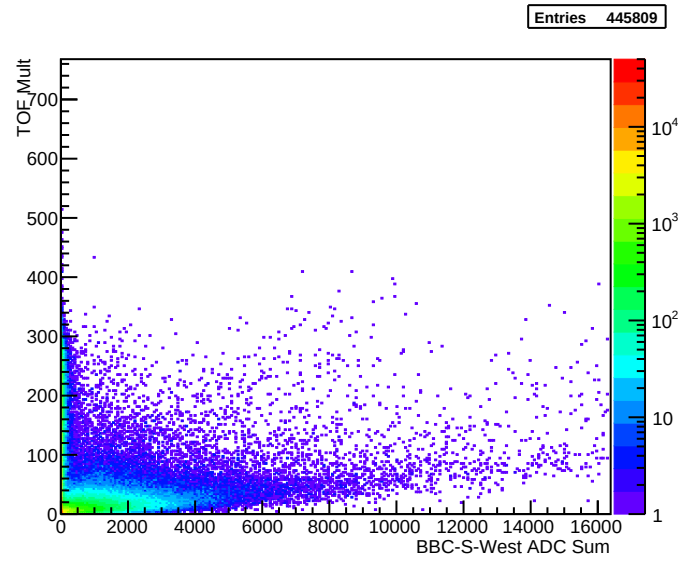

VT201 Input Ch4: VPD Tac Diff
Entries 445809
Tac

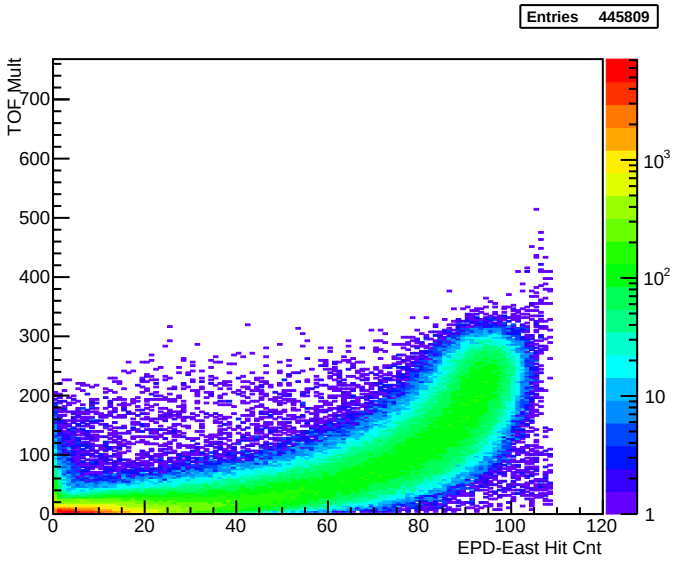

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

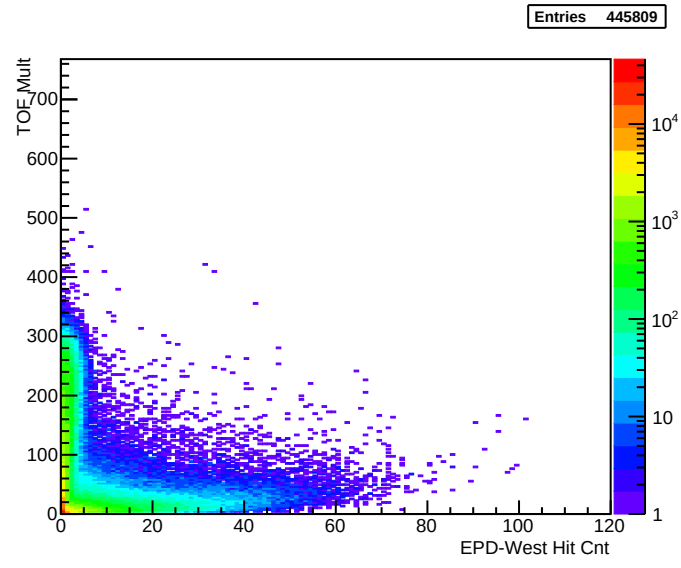

VT201 Input Ch4: VPD Adc Sum Th
Entries 891618
339287
56489
106522
389320
East
West

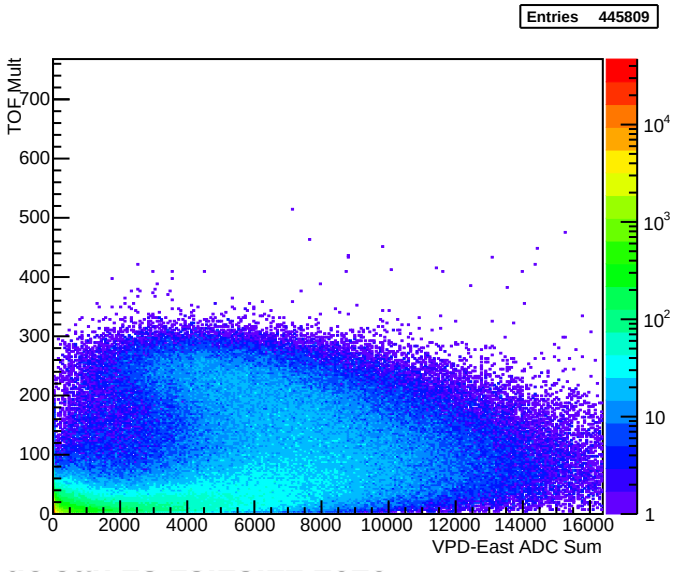

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

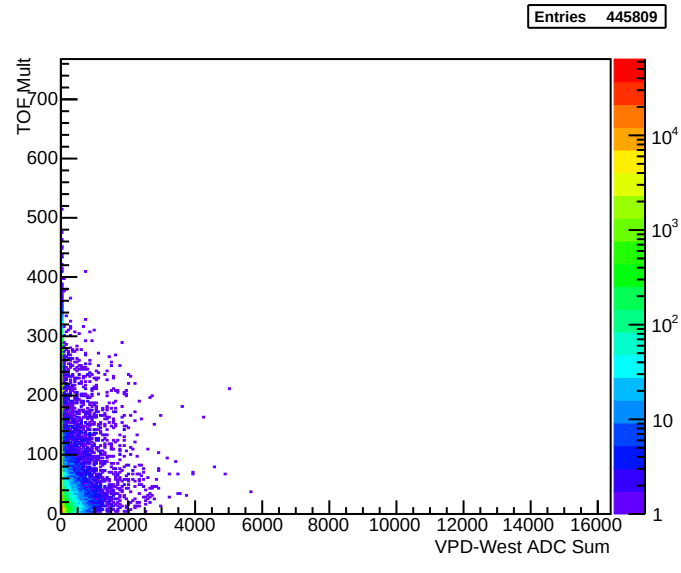

Entries 445809
TOF_Mult
BBC-S-East ADC Sum

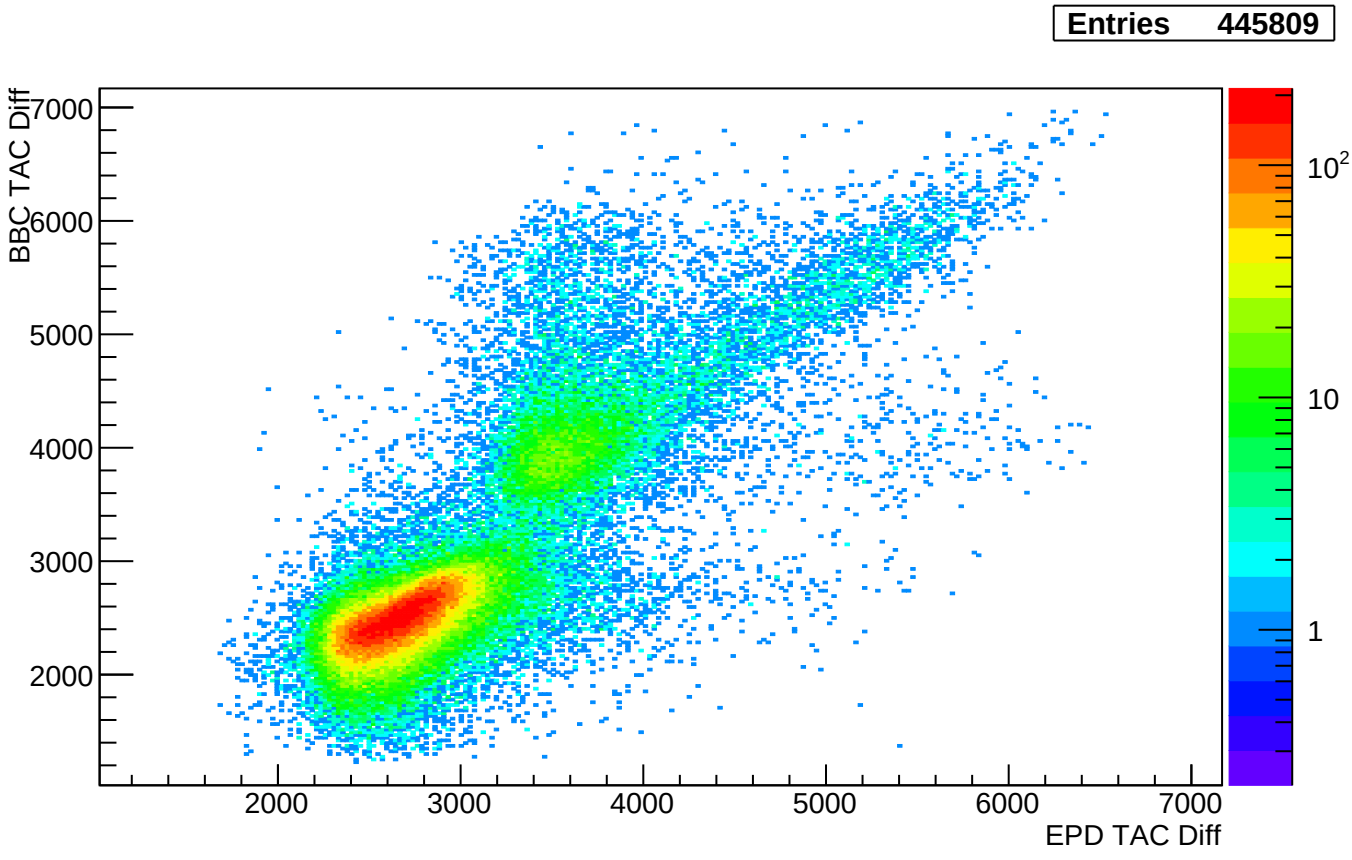

Entries 445809
TOF_Mult
BBC-S-West ADC Sum

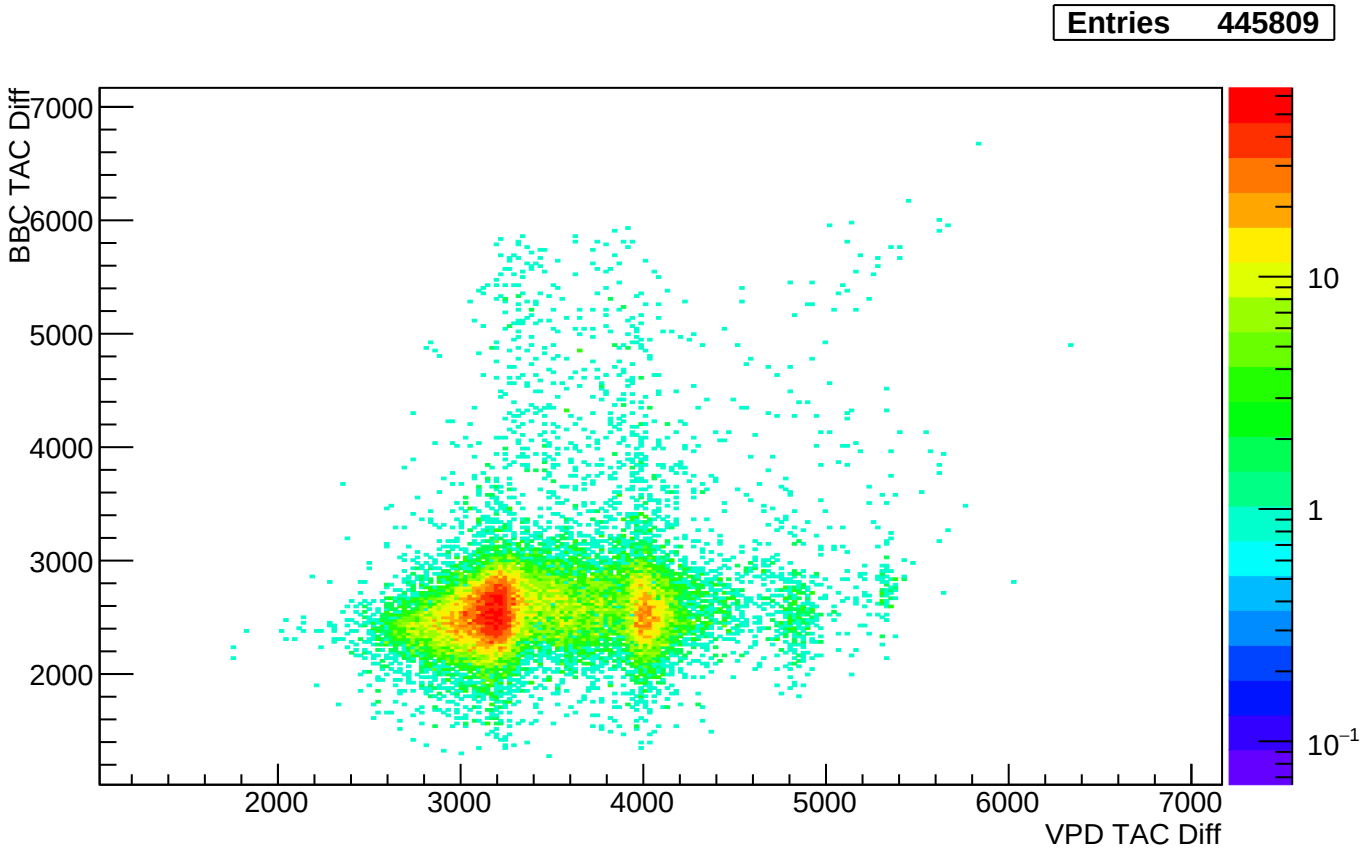

Entries 445809
TOF_Mult
EPD-East Hit Cnt

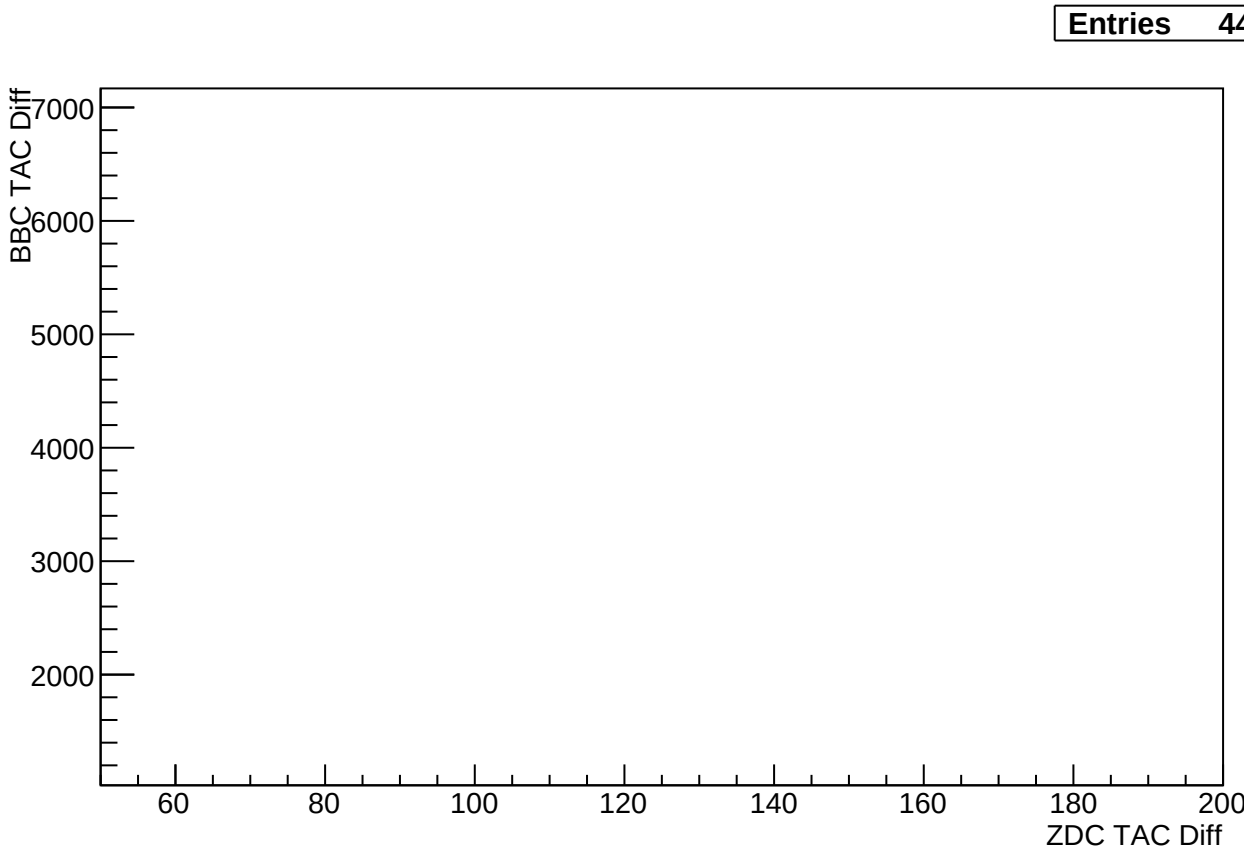

Entries 445809
TOF_Mult
EPD-West Hit Cnt

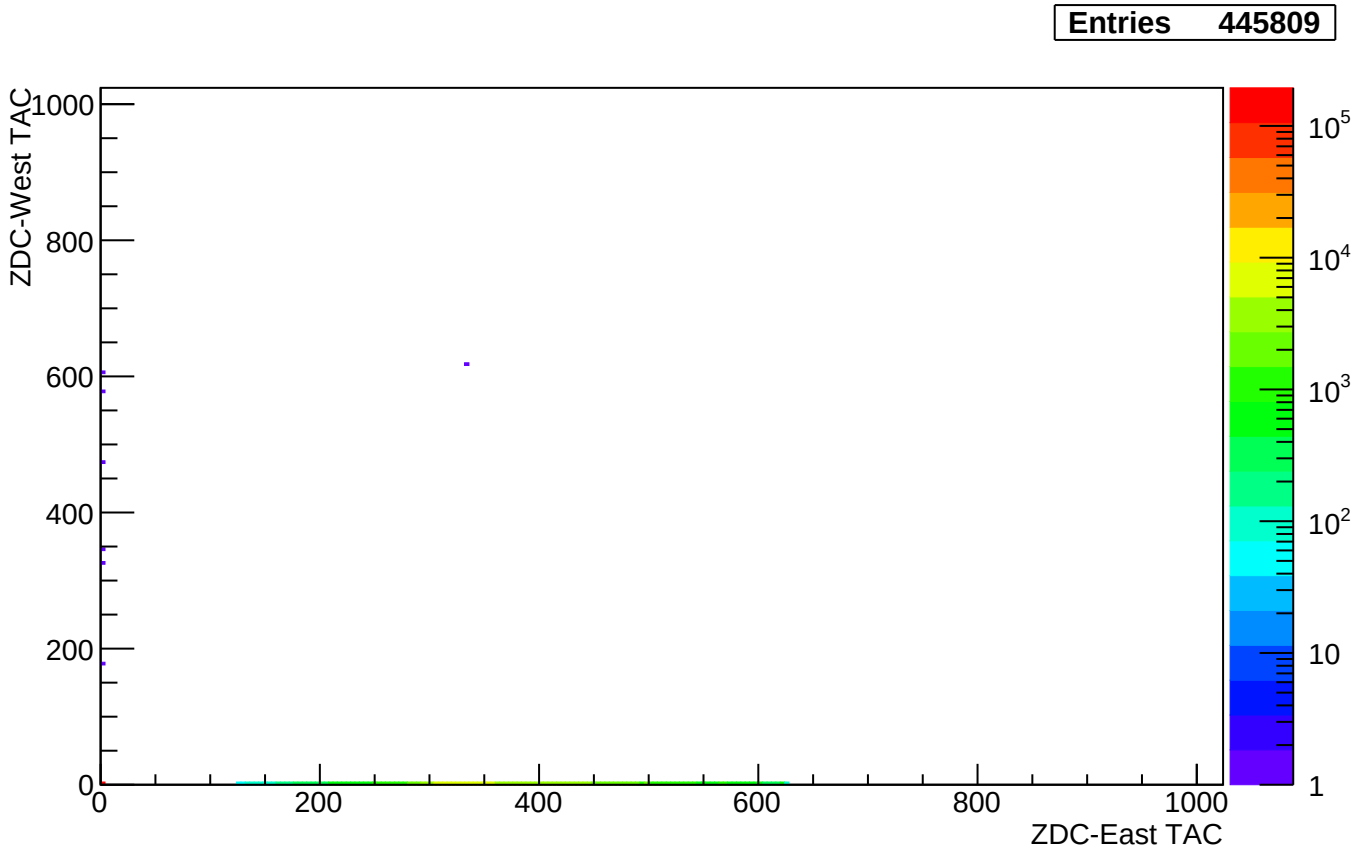

Entries 445809
TOF_Mult
VPD-East ADC Sum

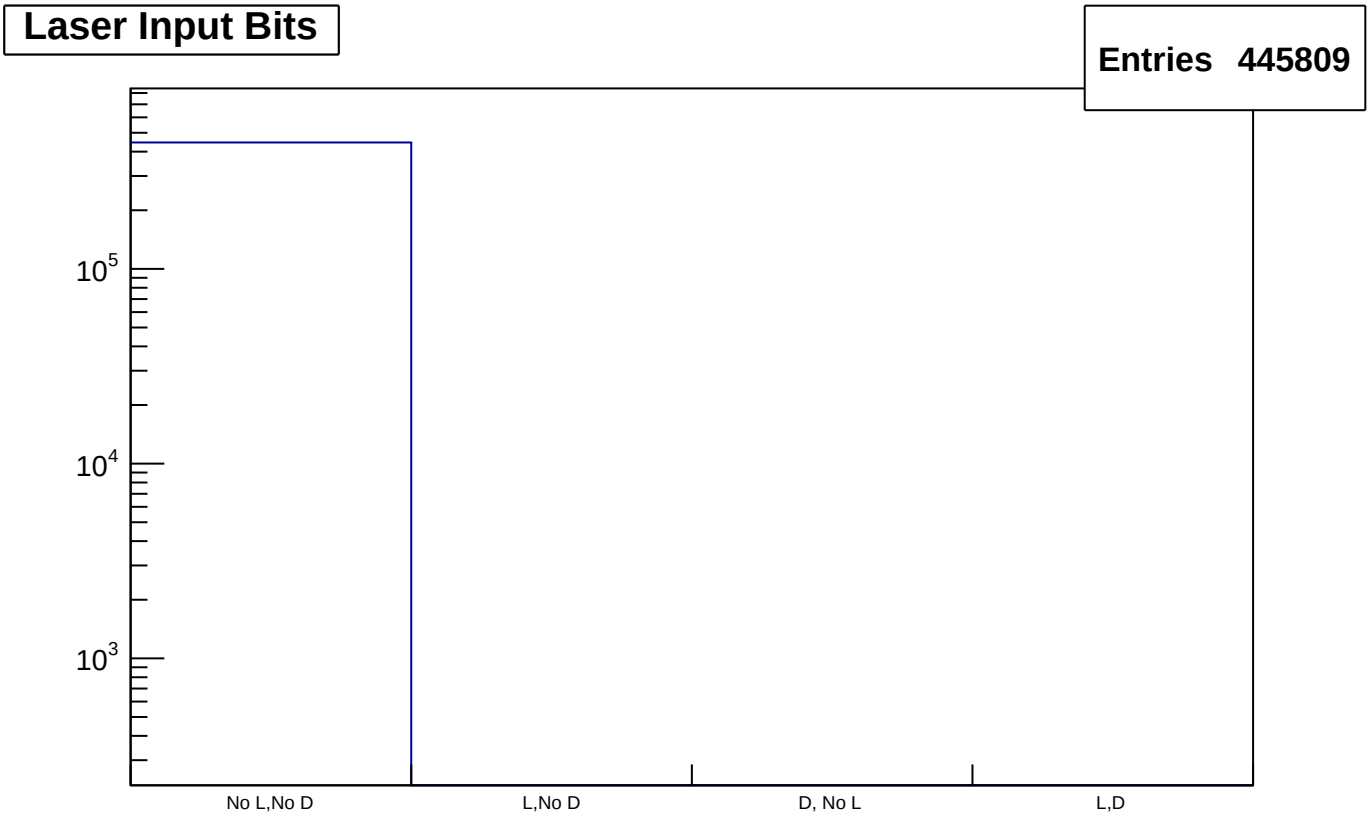

Entries 445809
TOF_Mult
VPD-West ADC Sum

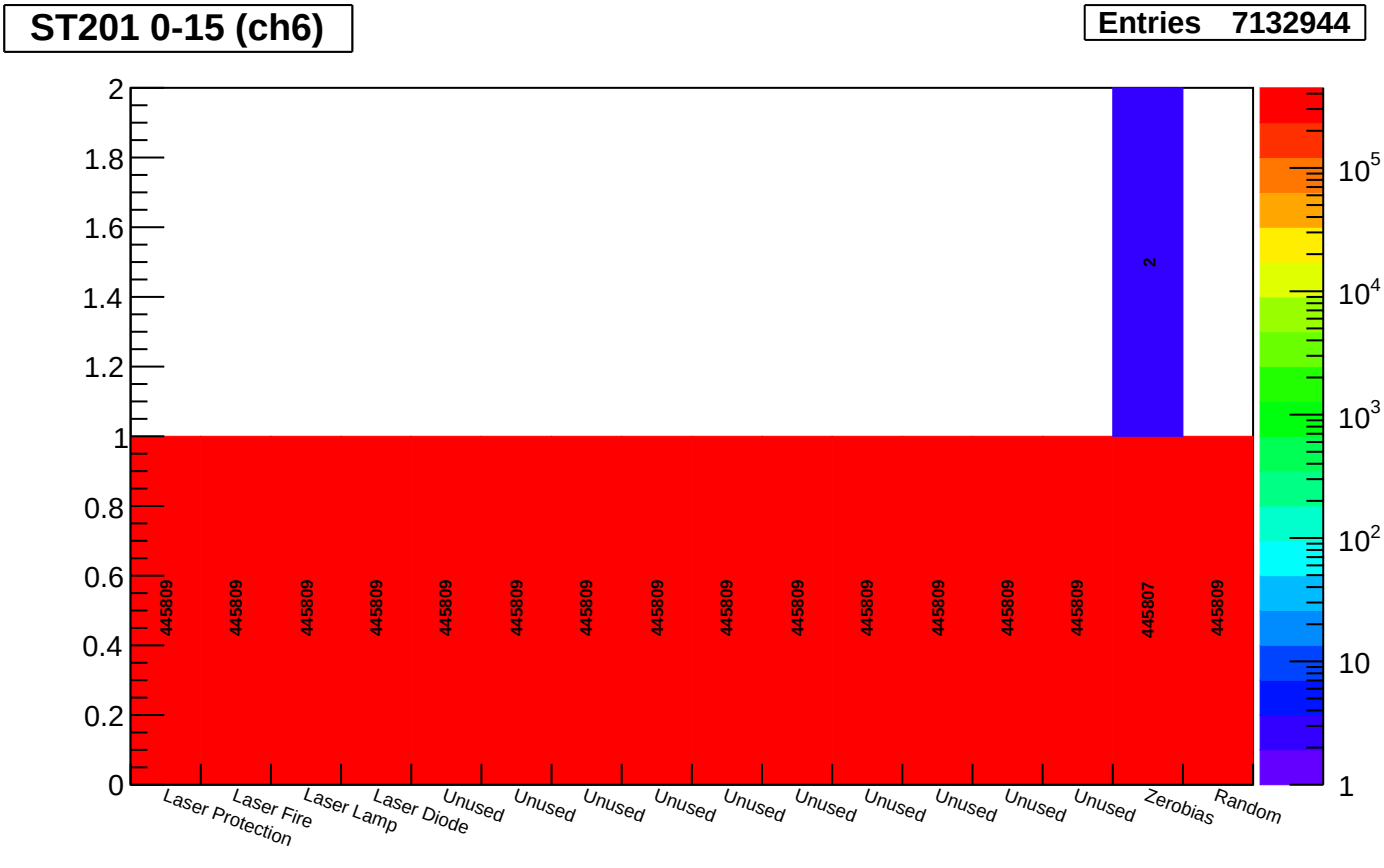

Entries 445809
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

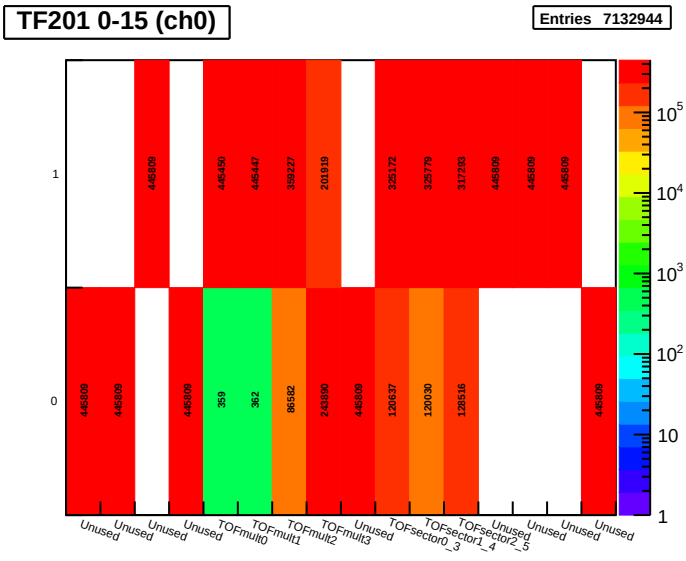

Entries 445809
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}

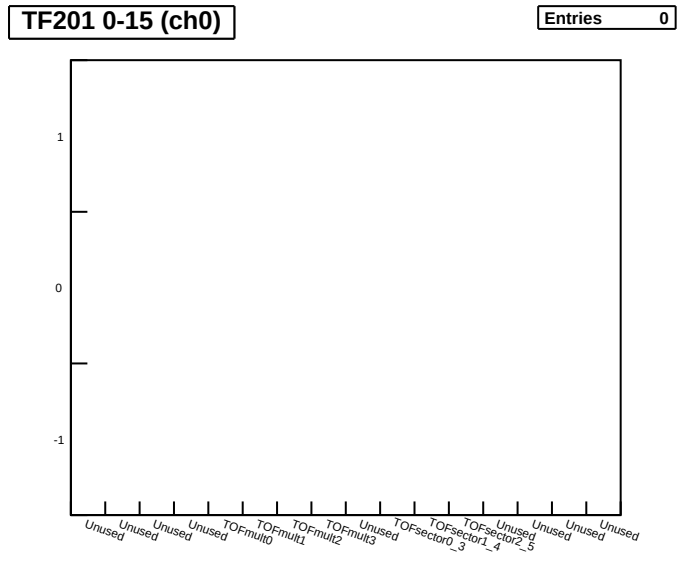

Entries 445809
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff

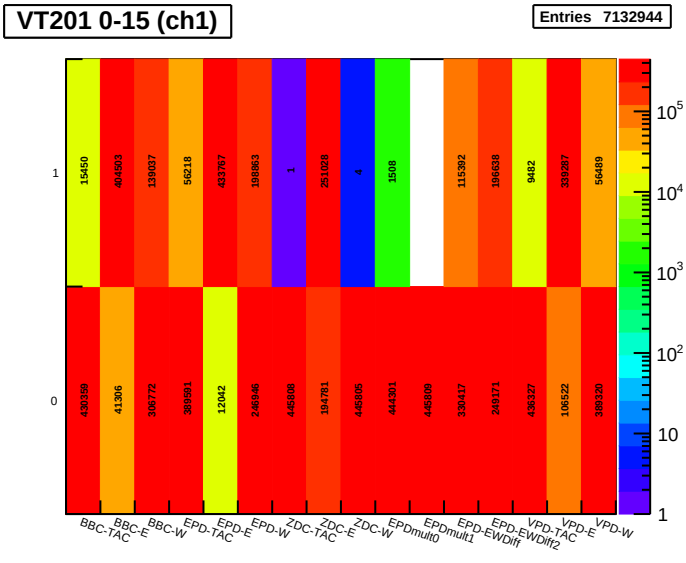

Entries 445809
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

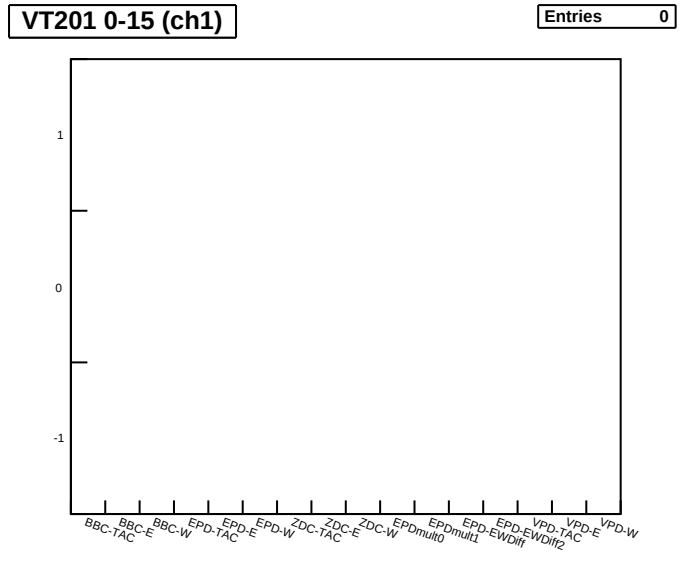

Laser Input Bits
Entries 445809
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

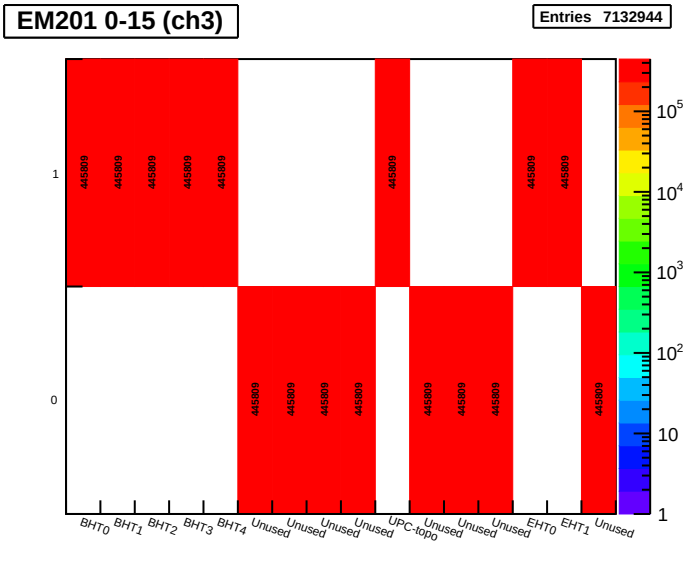

ST201 0-15 (ch6)
Entries 7132944
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
445809
445807
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

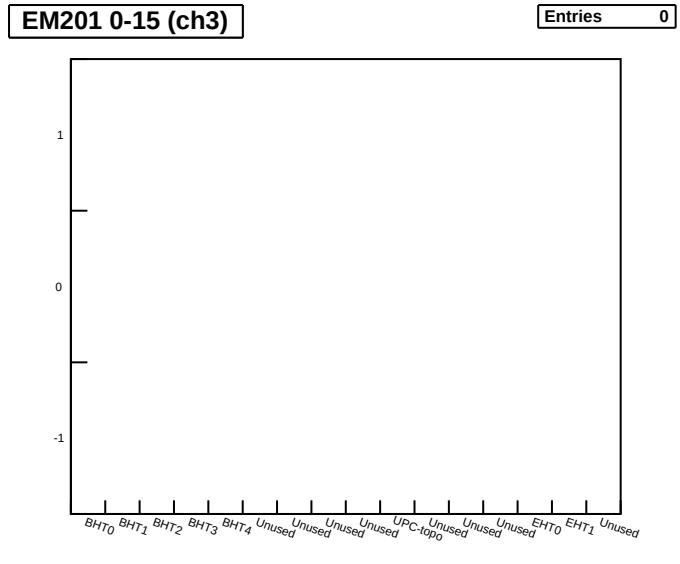

TF201 0-15 (ch0)
Entries 7132944
1
0
445809
445809
445809
445450
445447
339227
201919
325172
325779
317293
445809
445809
445809
359
362
86582
243890
445809
120637
120030
128516
445809
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 7132944
1
0
15450
404503
139037
56218
433767
198863
1
251028
4
1508
115392
196638
9482
339287
56489
430359
41306
306772
389591
12042
246946
446808
194781
445805
444301
445809
330417
249171
436327
106522
388320
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 7132944
1
0
445809
445809
445809
445809
445809
445809
445809
445809
445809
445809
445809
445809
445809
445809
445809
445809
445809
445809
445809
445809
445809
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