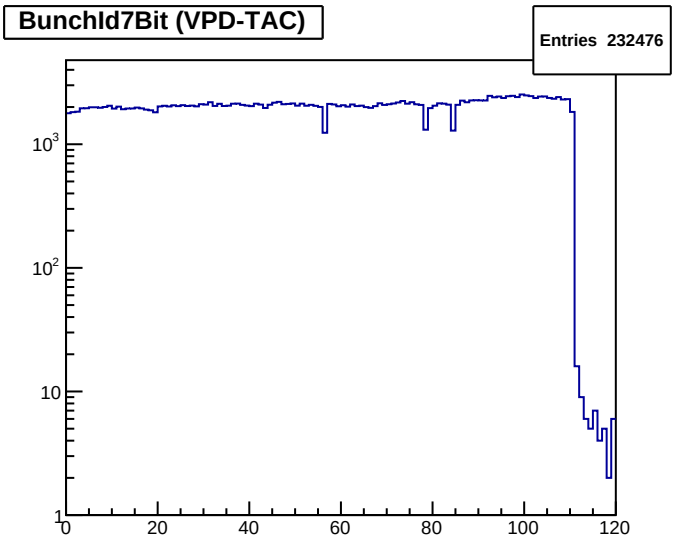
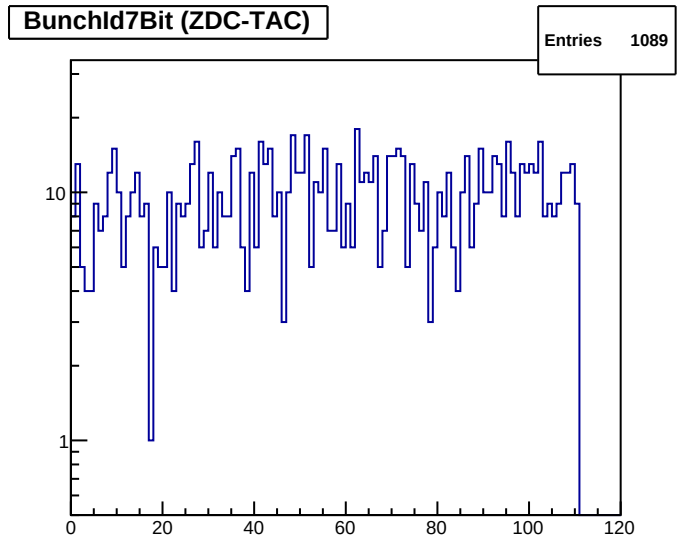
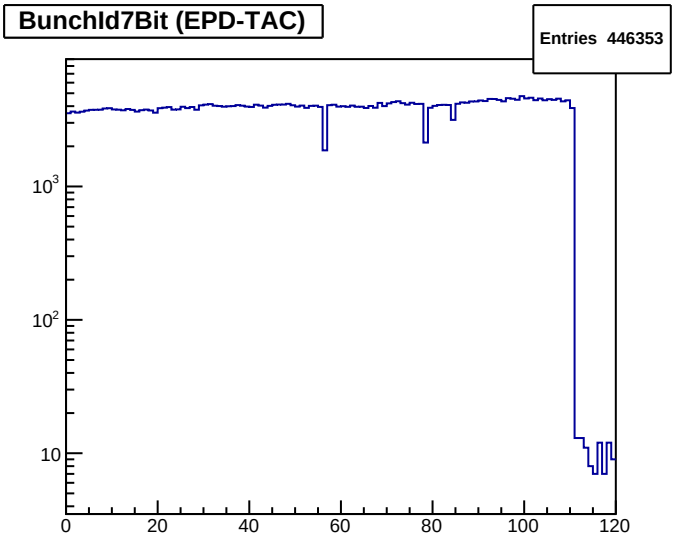
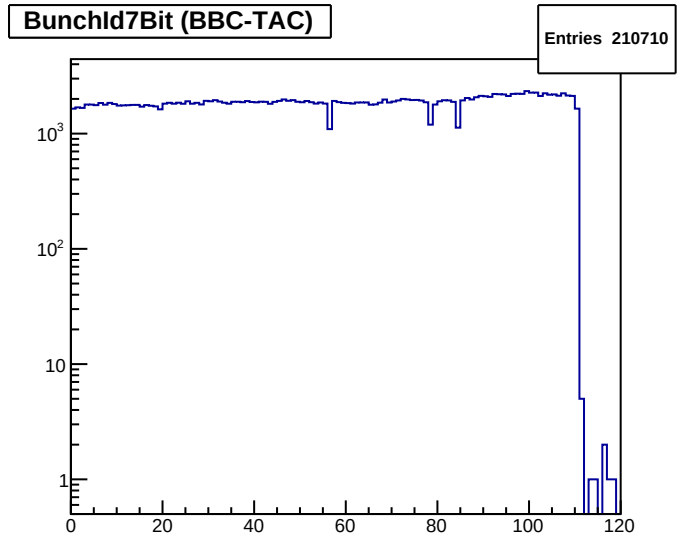
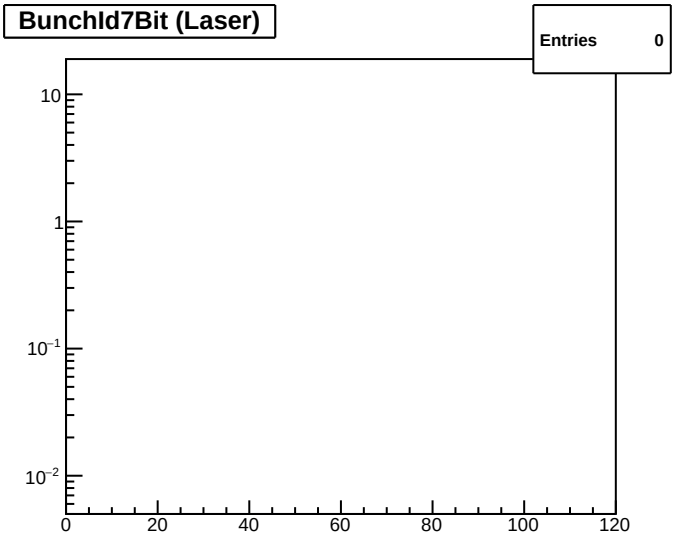
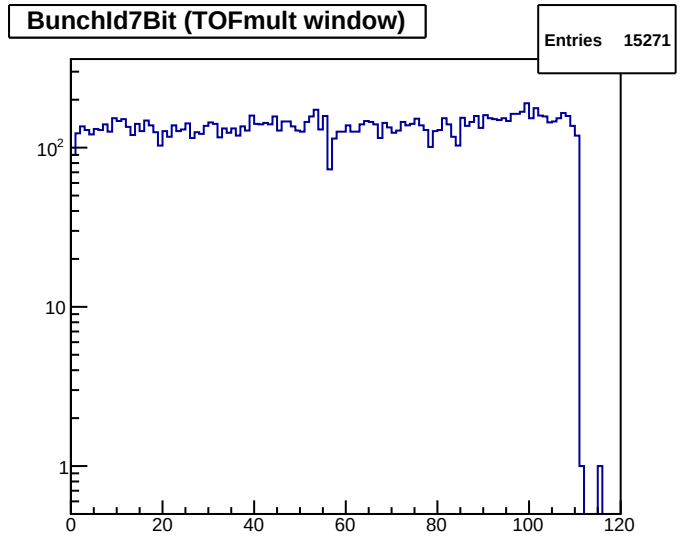

BunchId7Bit (VPD-TAC)
Entries 232476

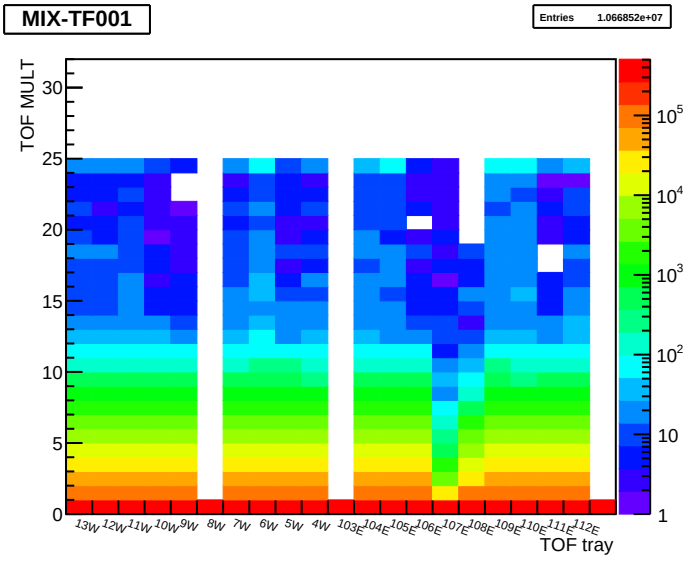

BunchId7Bit (ZDC-TAC)
Entries 1089

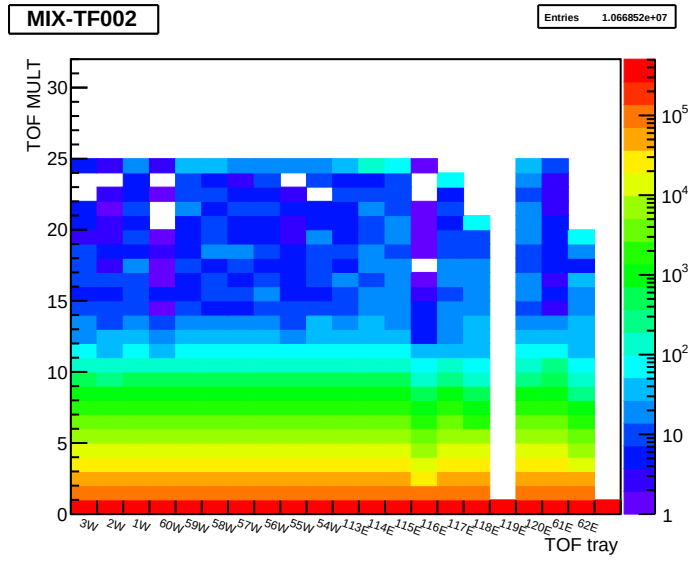

BunchId7Bit (EPD-TAC)
Entries 446353

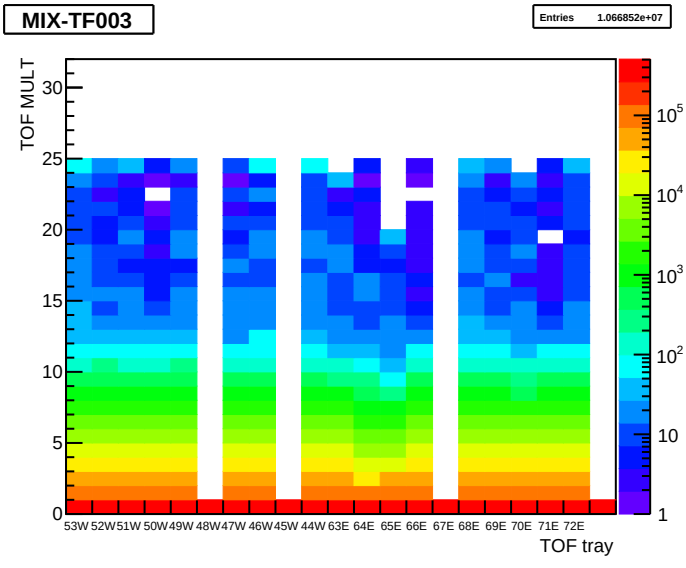

BunchId7Bit (BBC-TAC)
Entries 210710

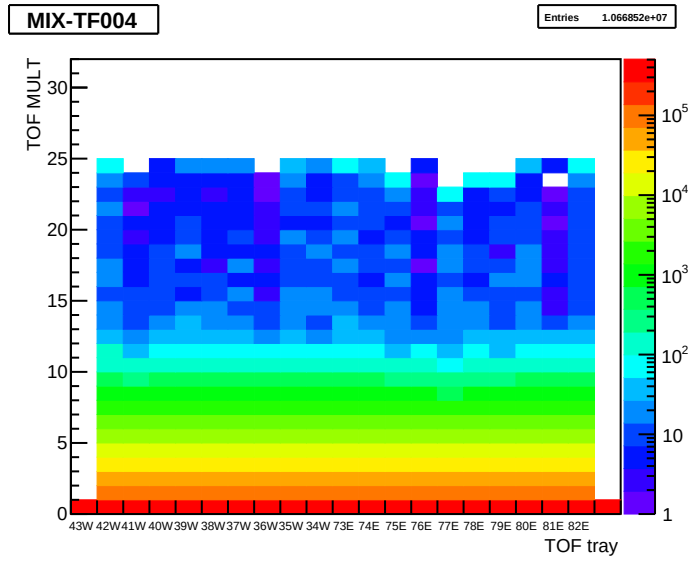

BunchId7Bit (Laser)
Entries 0

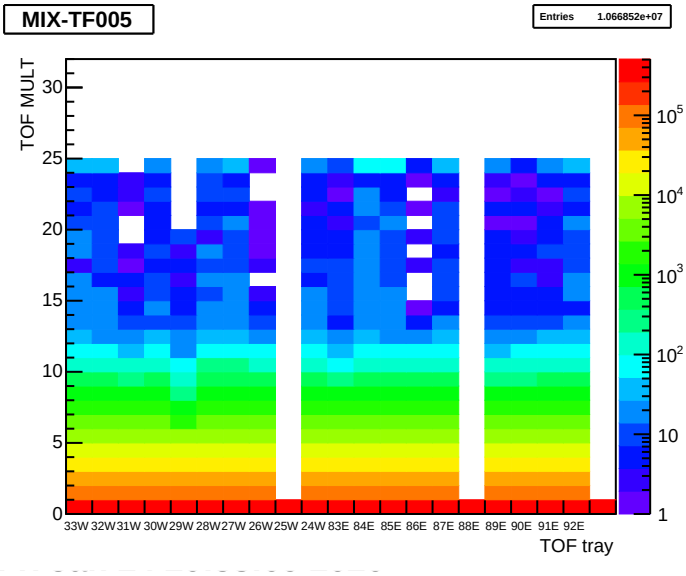

BunchId7Bit (TOFmult window)
Entries 15271

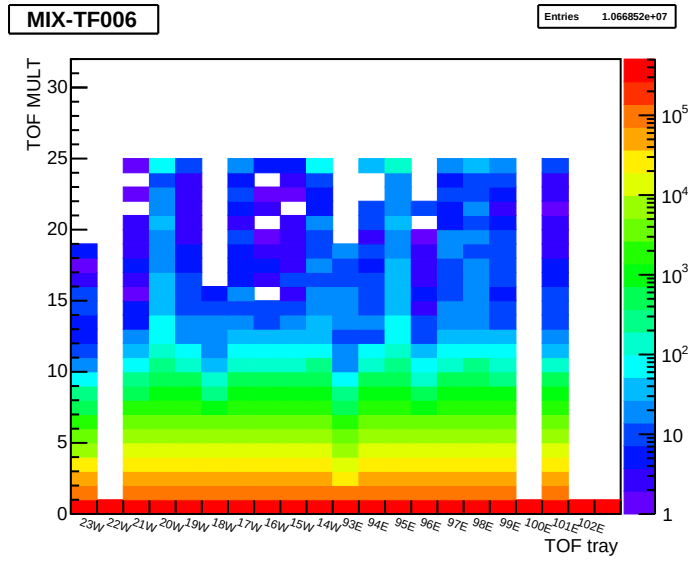

MIX-TF001
Entries 1.066852e+07
TOF MULT
TOF tray

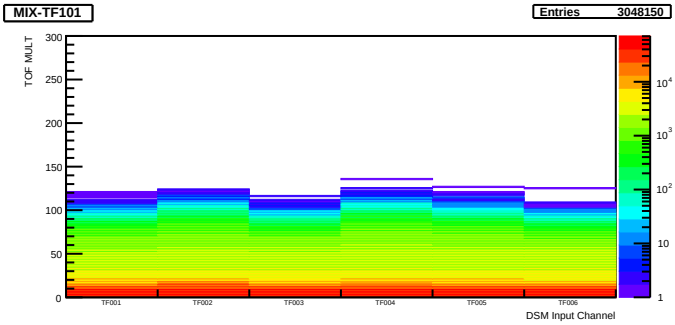

MIX-TF002
Entries 1.066852e+07
TOF MULT
TOF tray

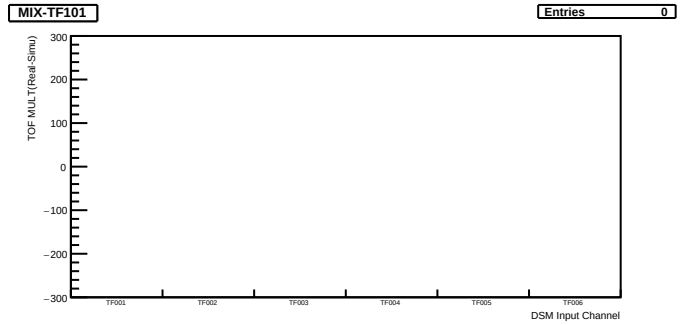

MIX-TF003
Entries 1.066852e+07
TOF MULT
TOF tray

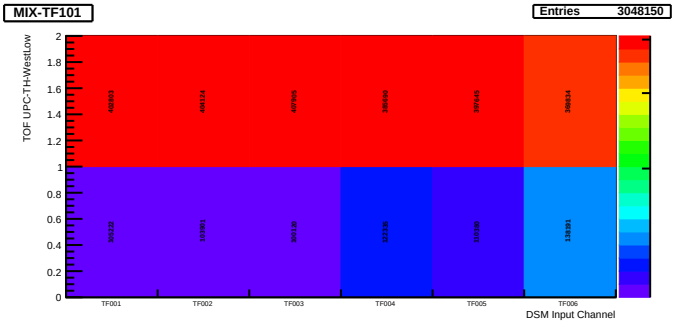

MIX-TF004
Entries 1.066852e+07
TOF MULT
TOF tray

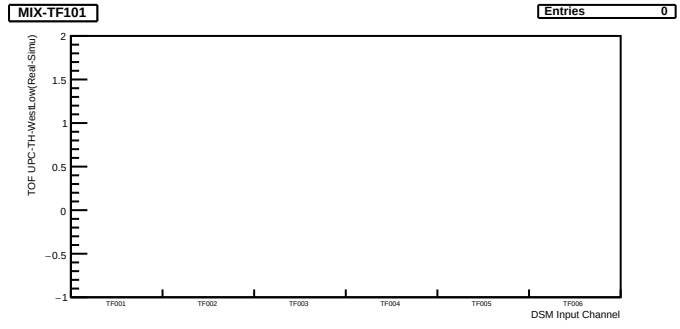

MIX-TF005
Entries 1.066852e+07
TOF MULT
TOF tray

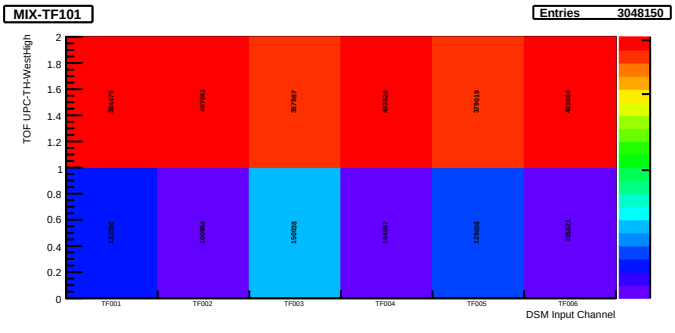

MIX-TF006
Entries 1.066852e+07
TOF MULT
TOF tray

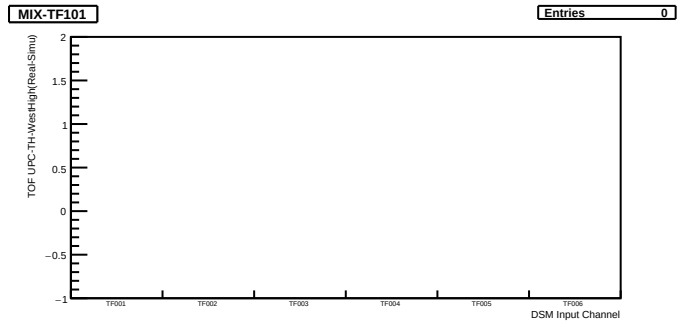

MIX-TF101
Entries 3048150
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

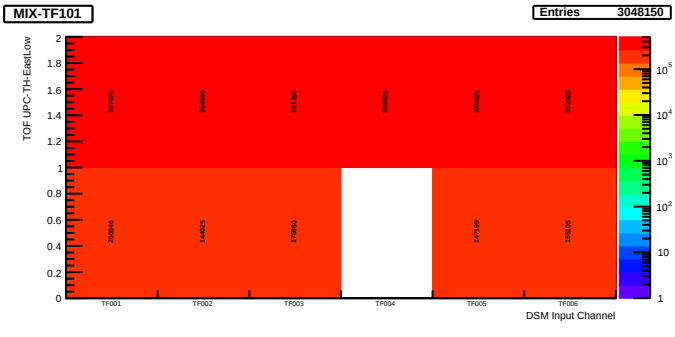

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

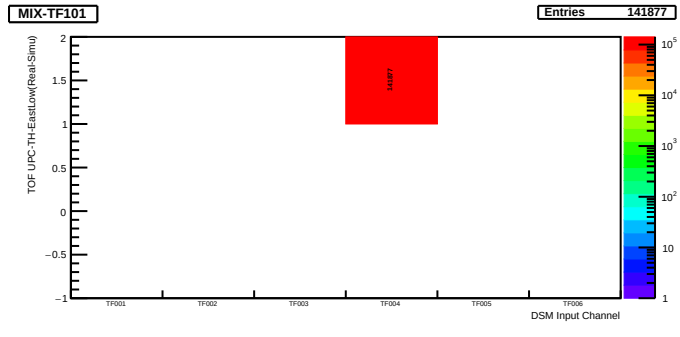

MIX-TF101
Entries 3048150
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

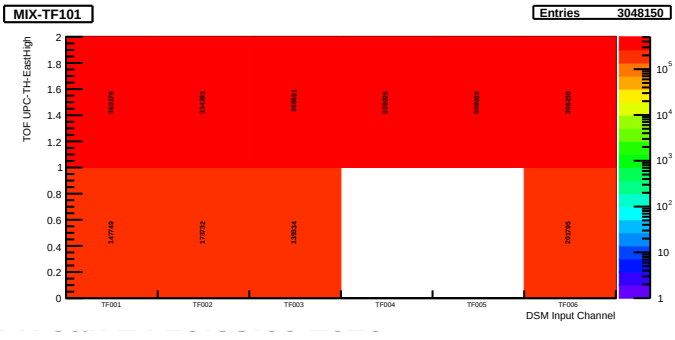

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

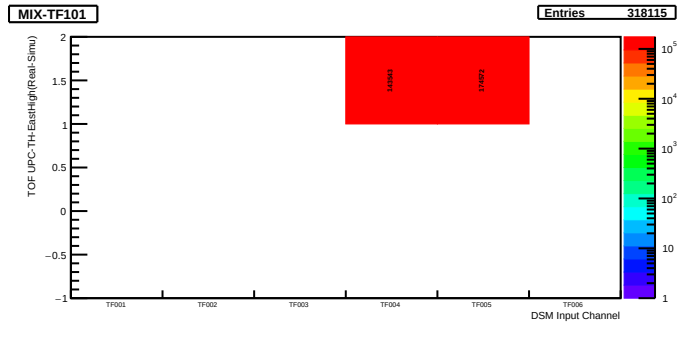

MIX-TF101
Entries 3048150
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

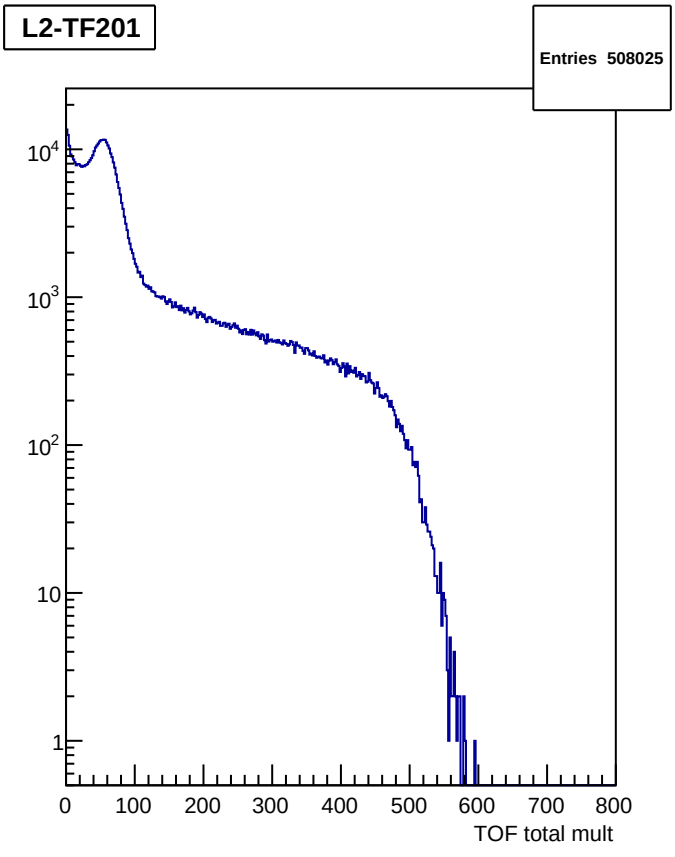

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

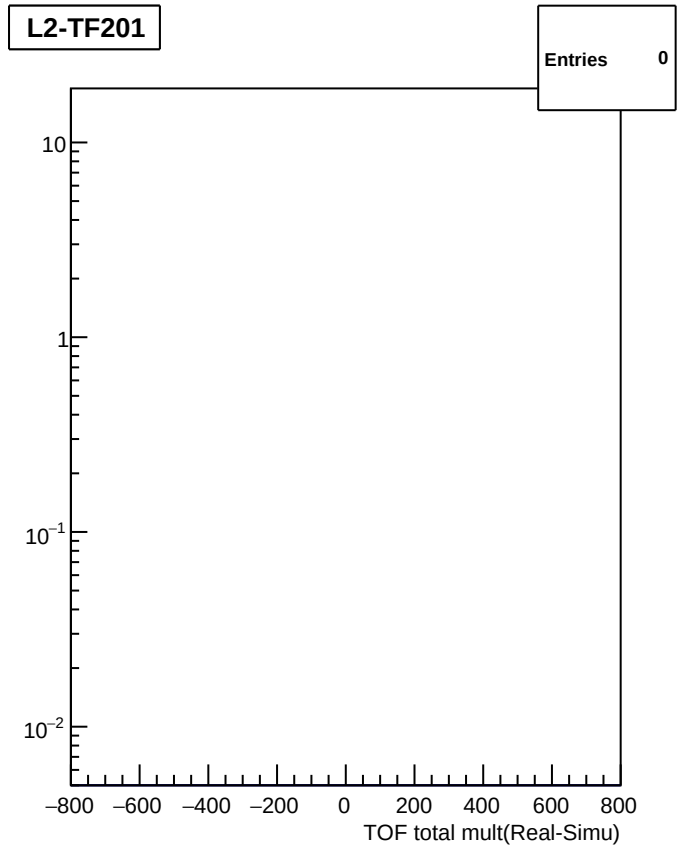

MIX-TF101
Entries 3048150
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

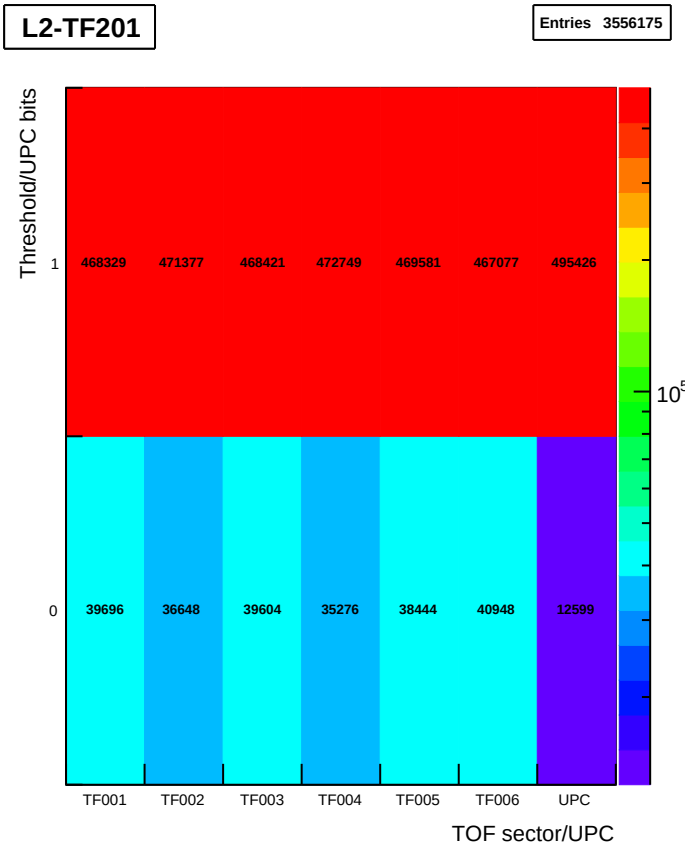

MIX-TF101
Entries 141877
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

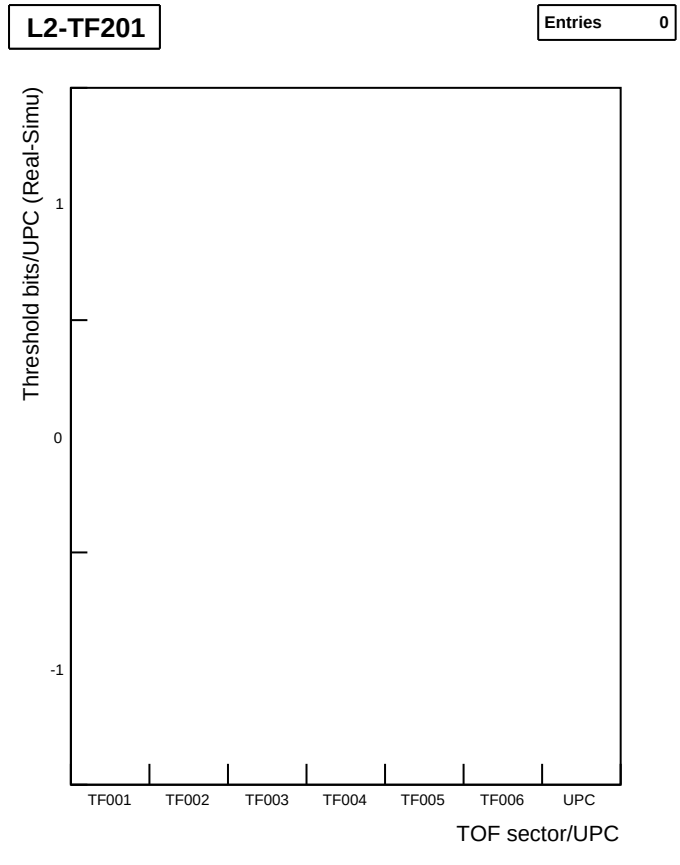

MIX-TF101
Entries 3048150
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

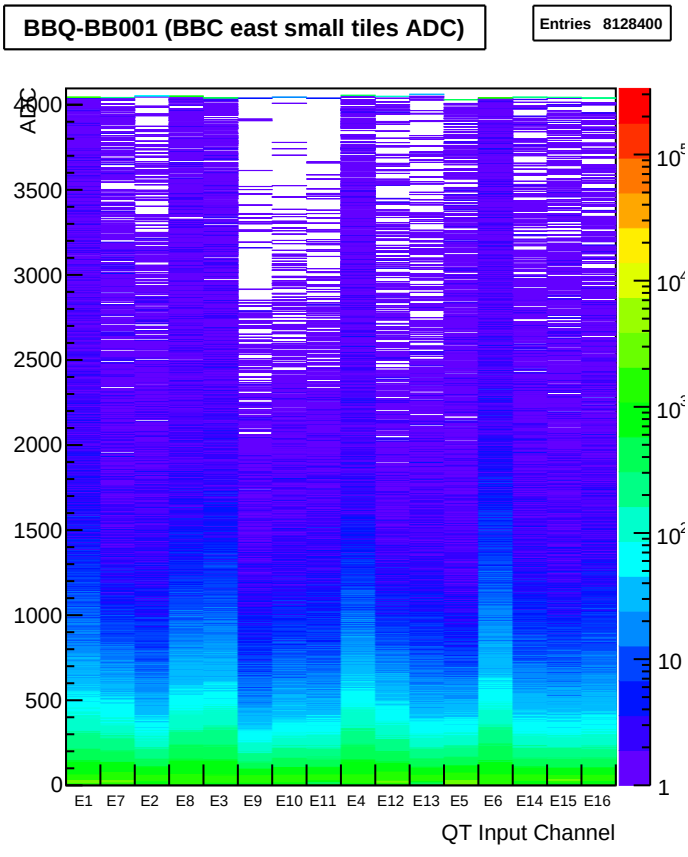

MIX-TF101
Entries 318115
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

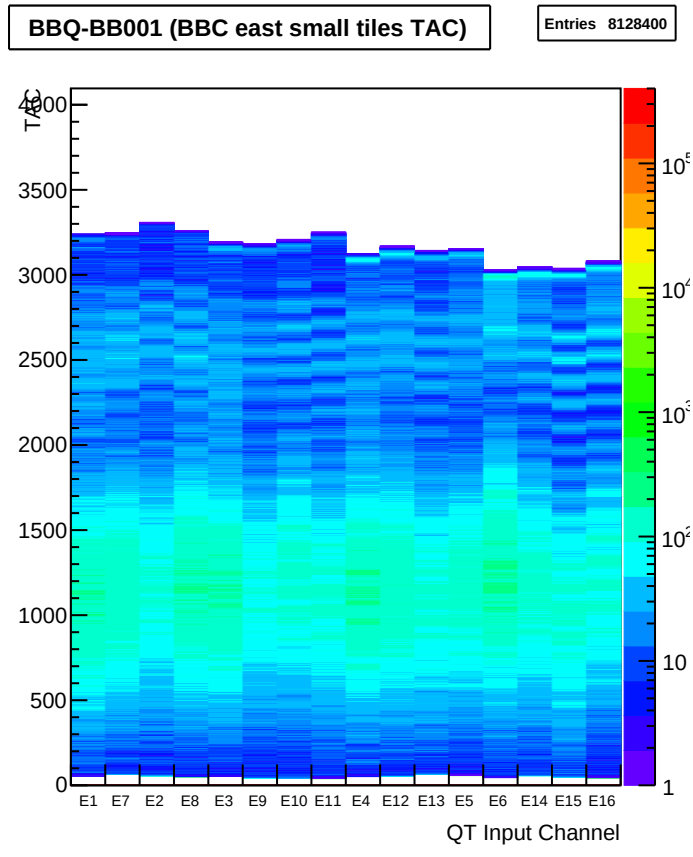

L2-TF201
Entries 508025
TOF total mult

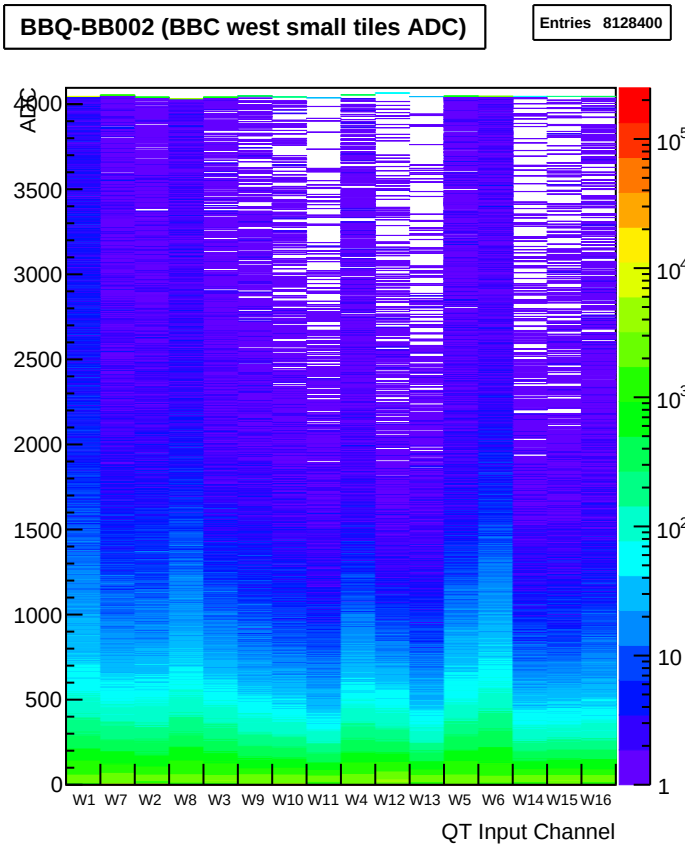

L2-TF201
Entries 0
TOF total mult(Real-Simu)

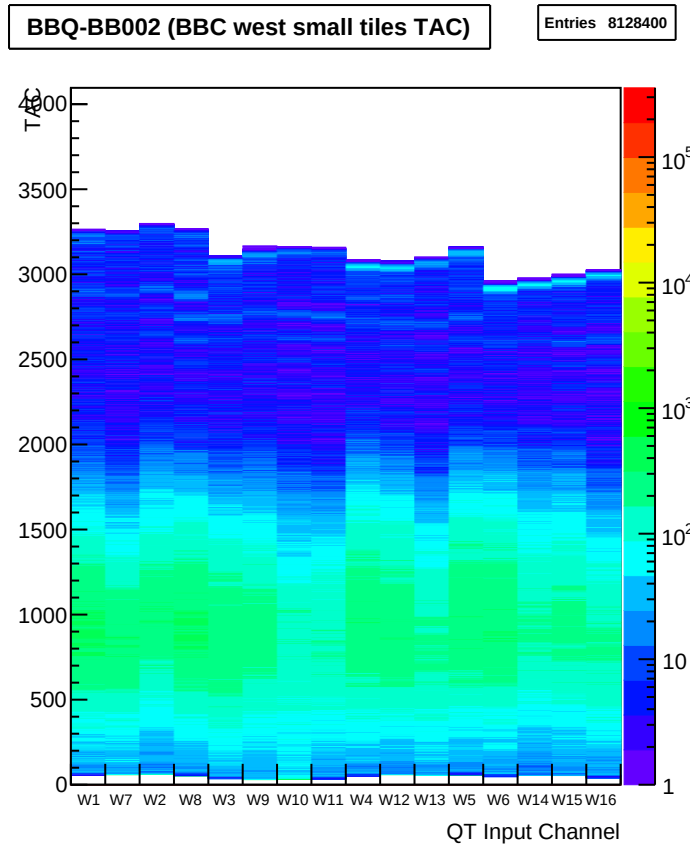

L2-TF201
Entries 3556175
Threshold/UPC bits
468329
471377
468421
472749
469581
467077
495426
39696
36648
39604
35276
38444
40948
12599
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

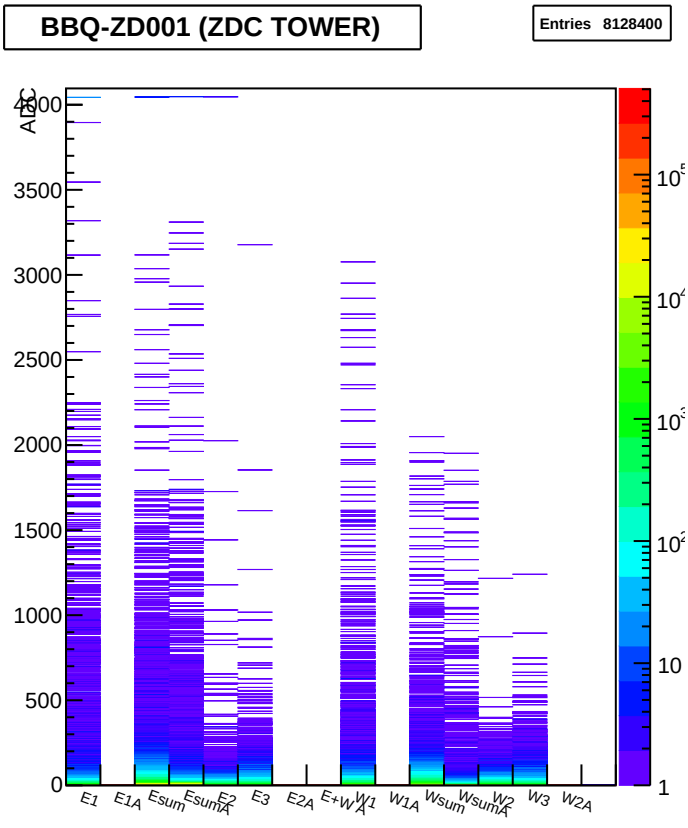

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

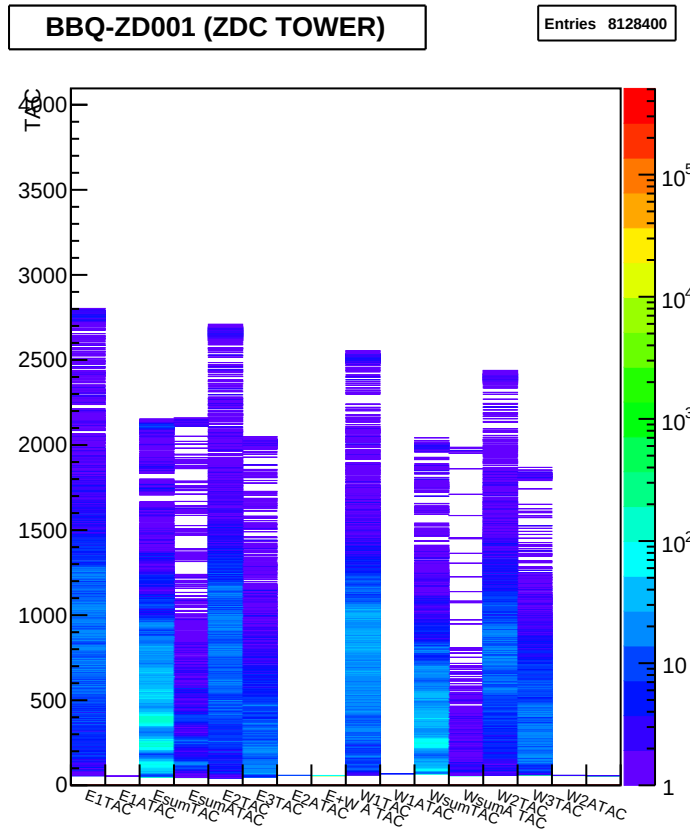

BBQ-BB001 (BBC east small tiles ADC)
Entries 8128400
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

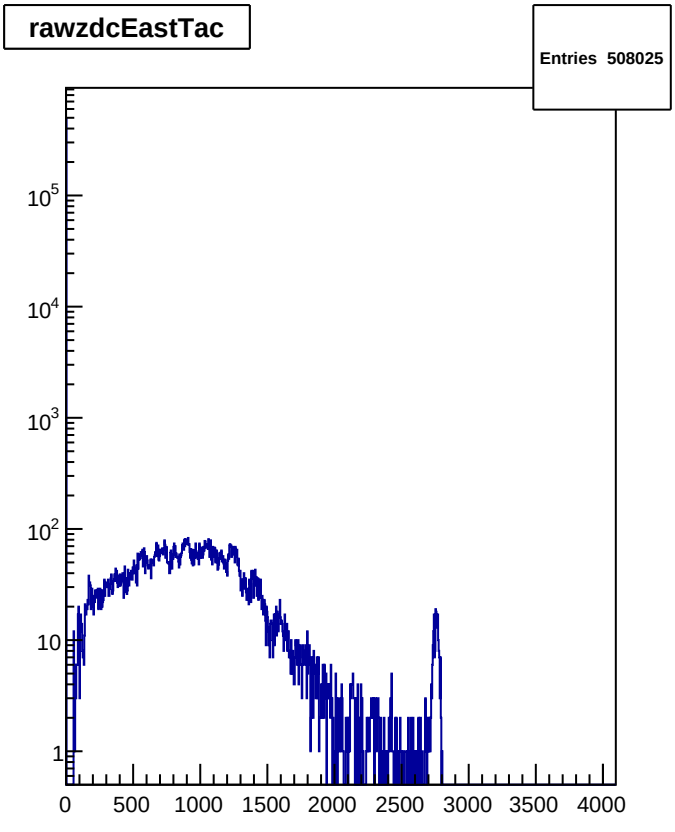

BBQ-BB001 (BBC east small tiles TAC)
Entries 8128400
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

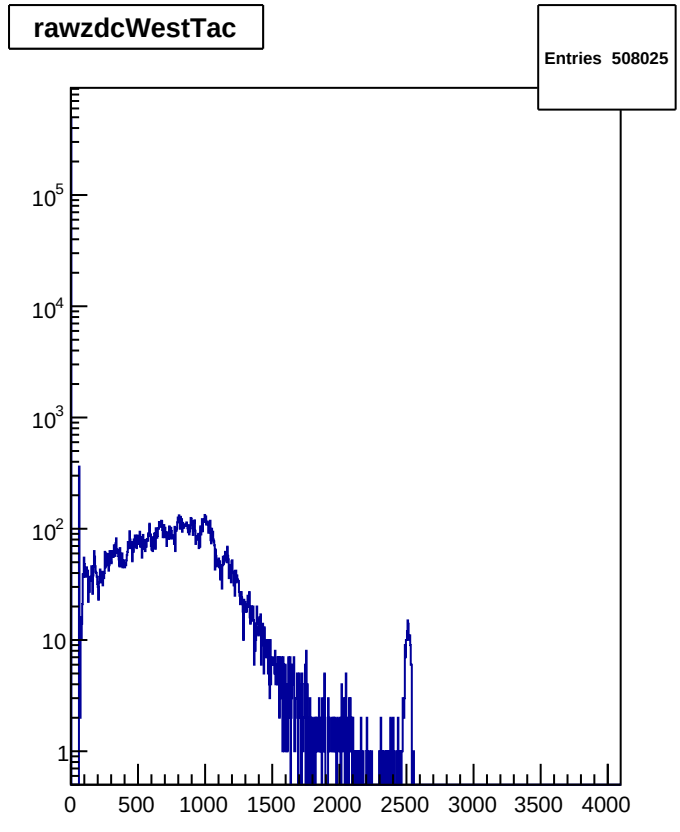

BBQ-BB002 (BBC west small tiles ADC)
Entries 8128400
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

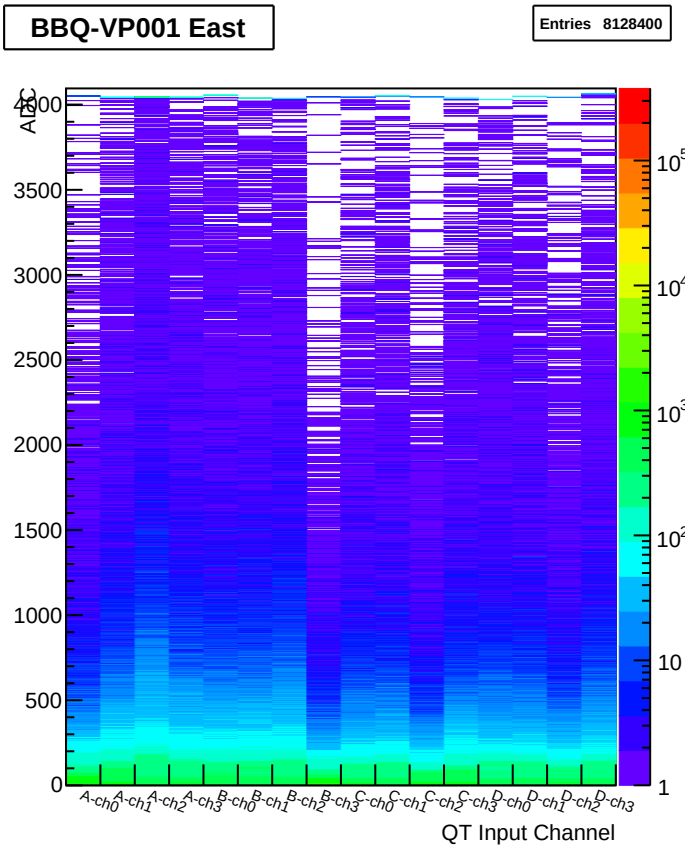

BBQ-BB002 (BBC west small tiles TAC)
Entries 8128400
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

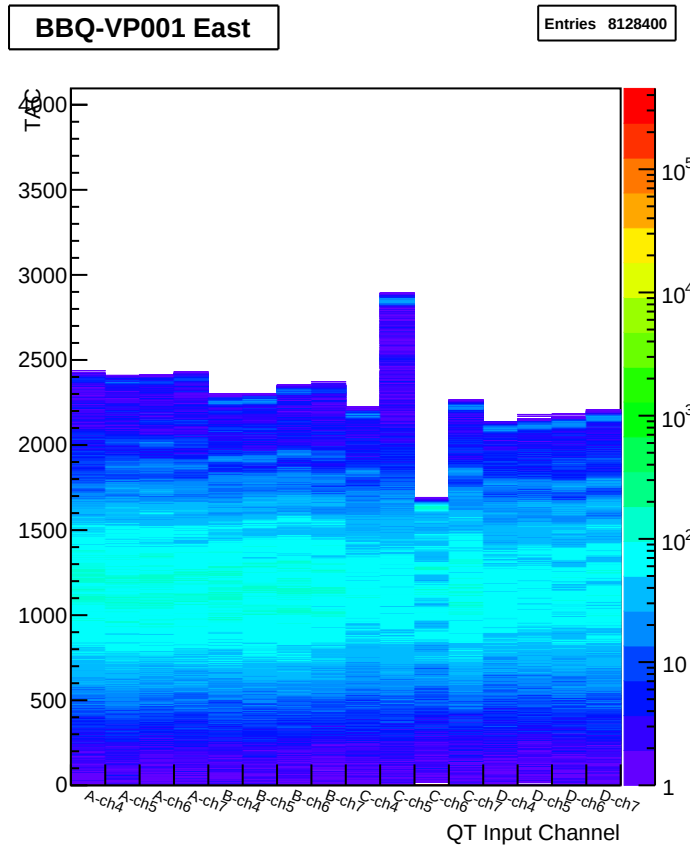

BBQ-ZD001 (ZDC TOWER)
Entries 8128400
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W A
W1
W1A
Wsum
WsumA
W2
W3
W2A

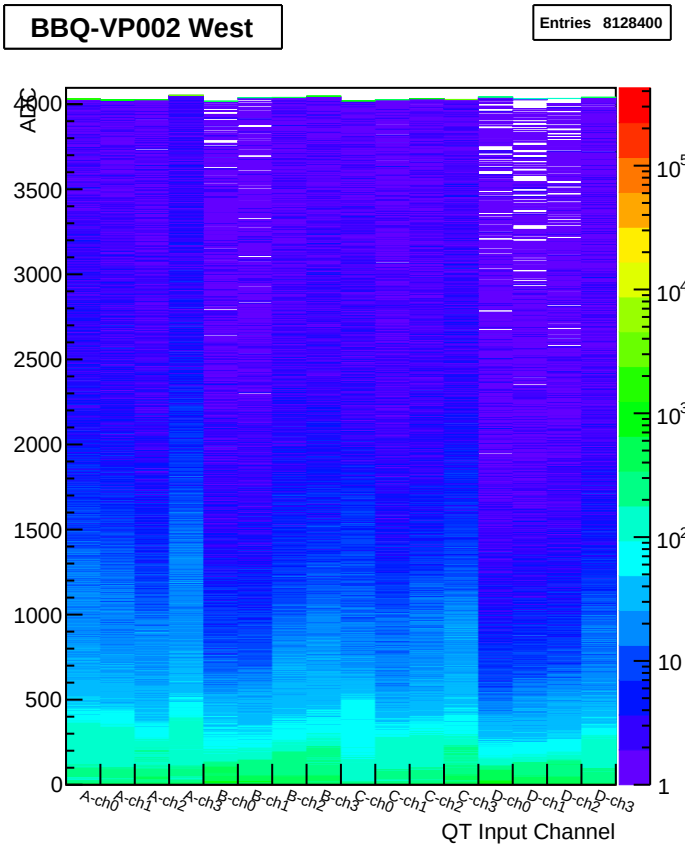

BBQ-ZD001 (ZDC TOWER)
Entries 8128400
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

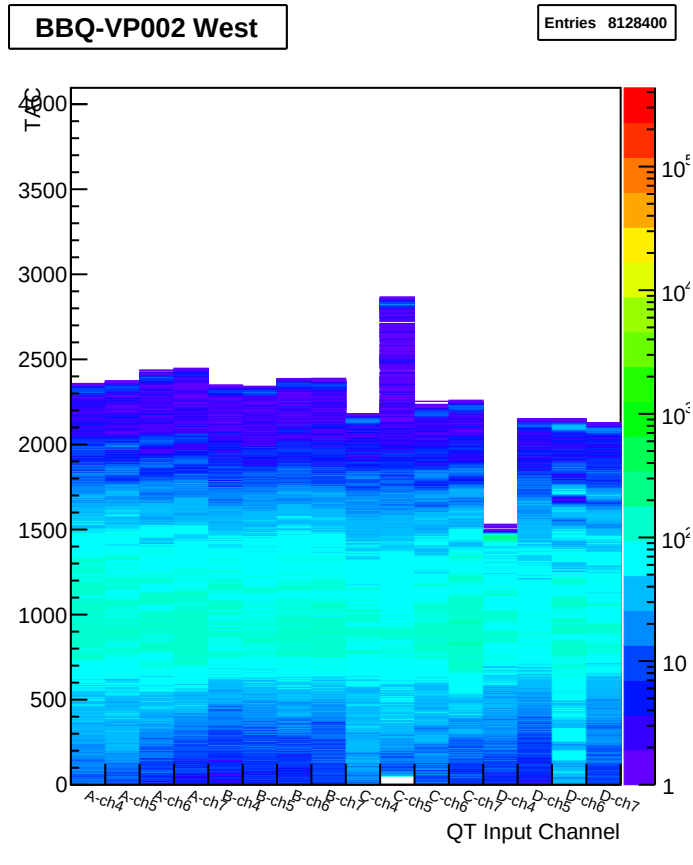

rawzdcEastTac
Entries 508025

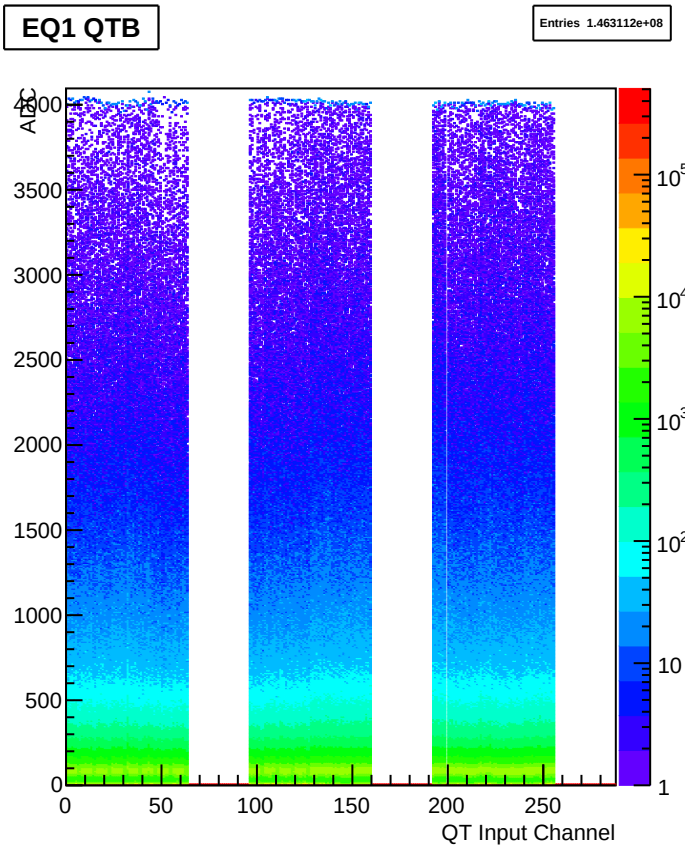

rawzdcWestTac
Entries 508025

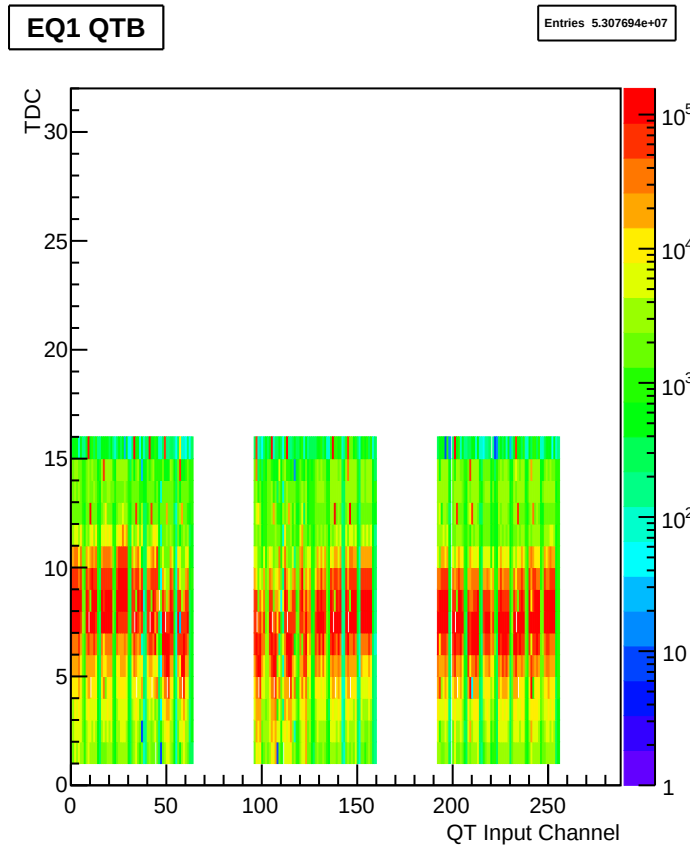

BBQ-VP001 East
Entries 8128400
ADC
QT Input Channel

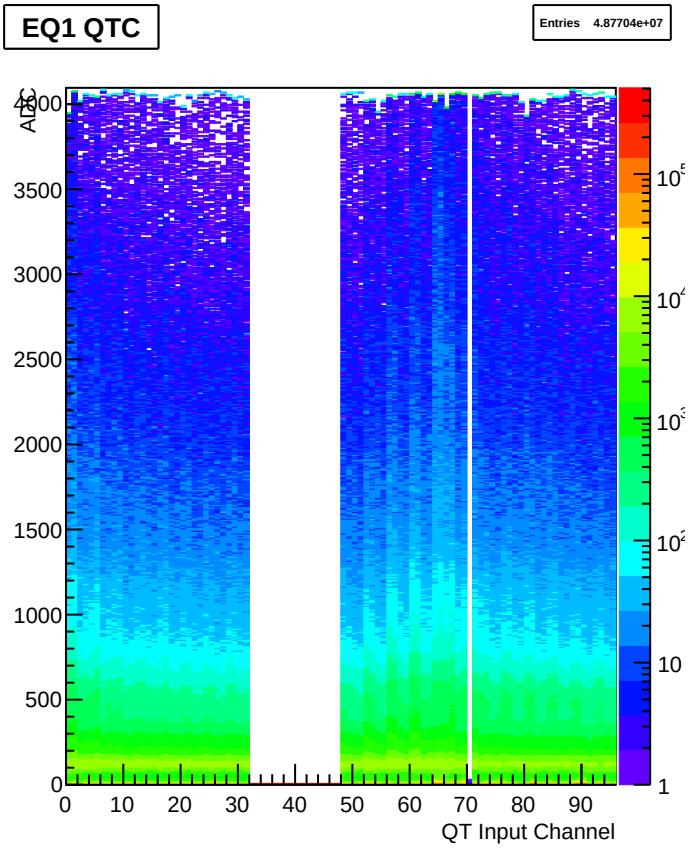

BBQ-VP001 East
Entries 8128400
ADC
QT Input Channel

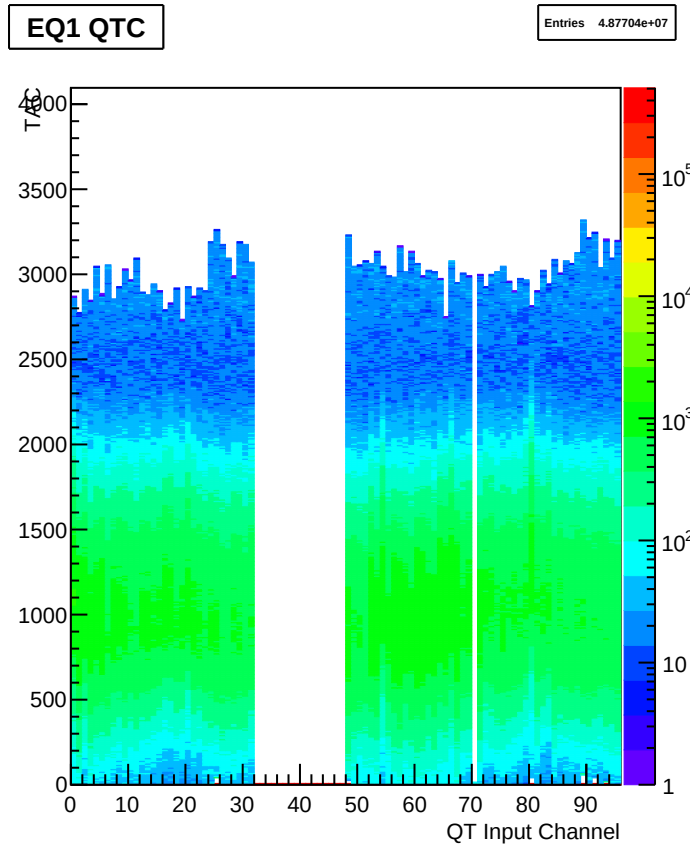

BBQ-VP002 West
Entries 8128400
ADC
QT Input Channel

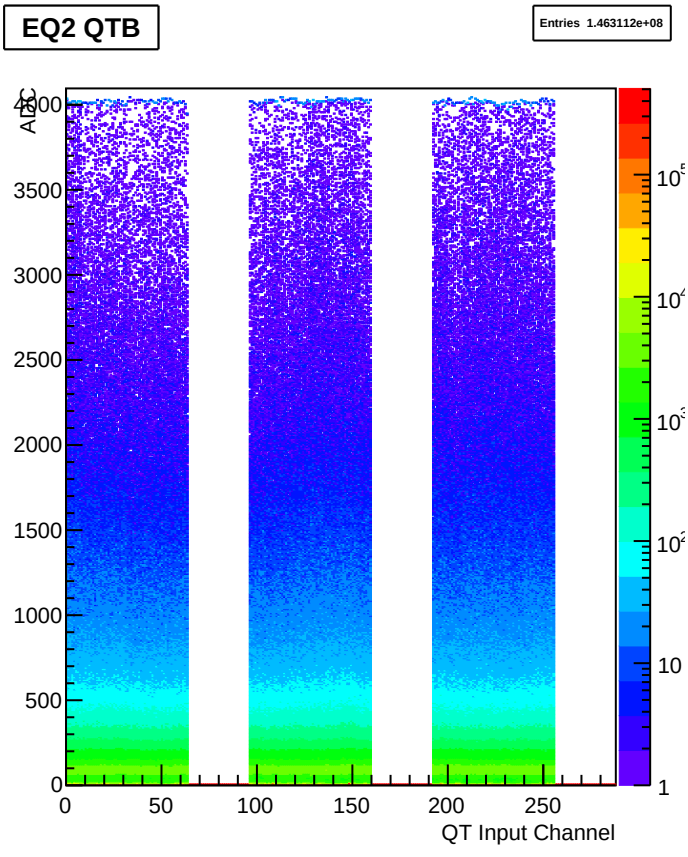

BBQ-VP002 West
Entries 8128400
ADC
QT Input Channel

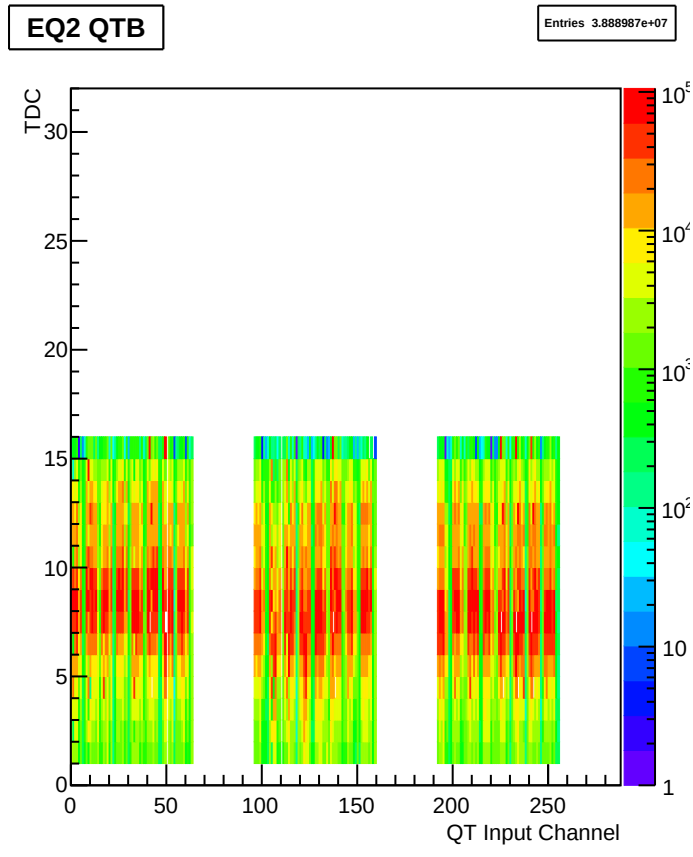

EQ1 QTB
Entries 1.463112e+08
ADC
QT Input Channel

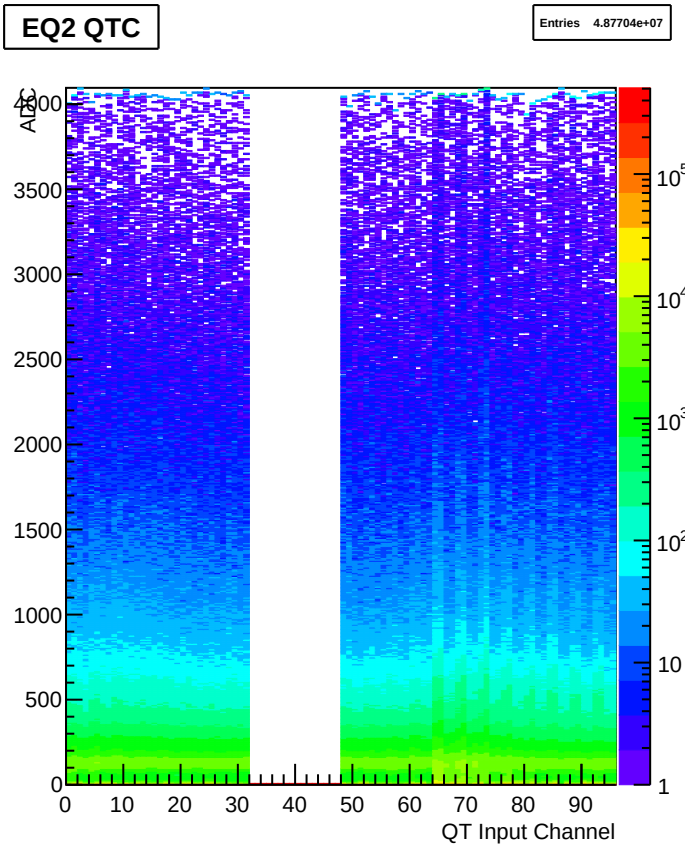

EQ1 QTB
Entries 5.307694e+07
TDC
QT Input Channel

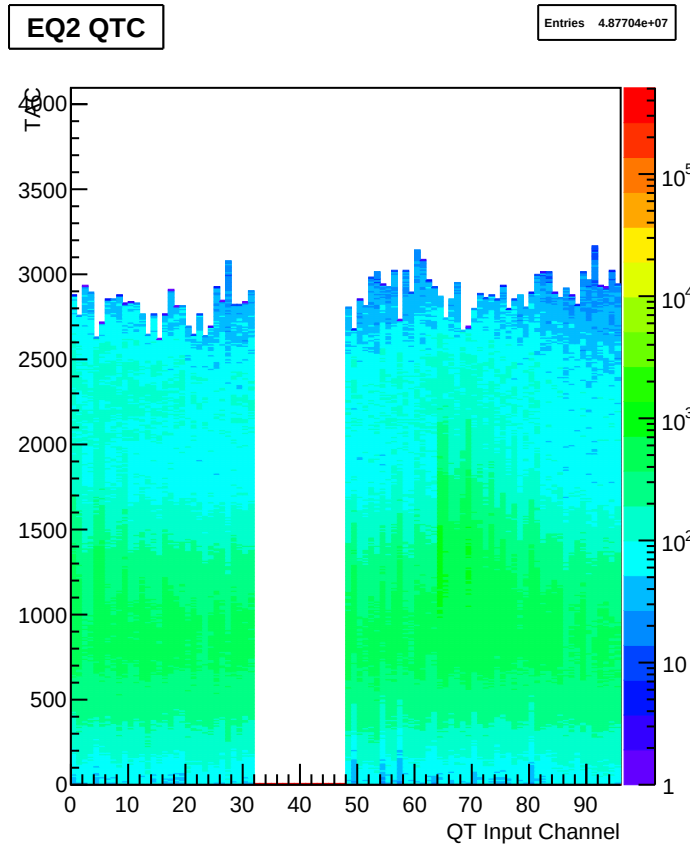

EQ1 QTC
Entries 4.87704e+07
ADC
QT Input Channel

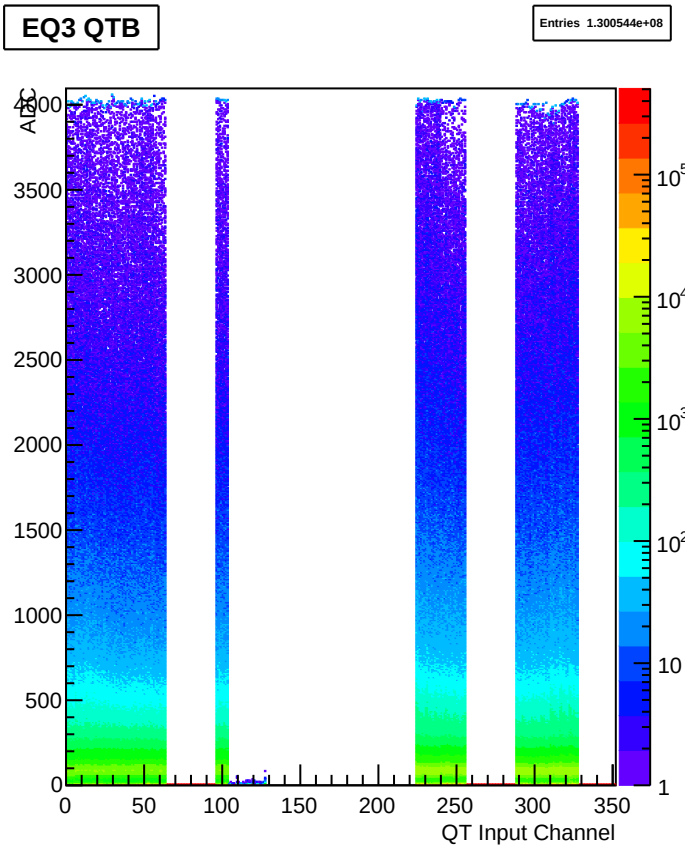

EQ1 QTC
Entries 4.87704e+07
TADC
QT Input Channel

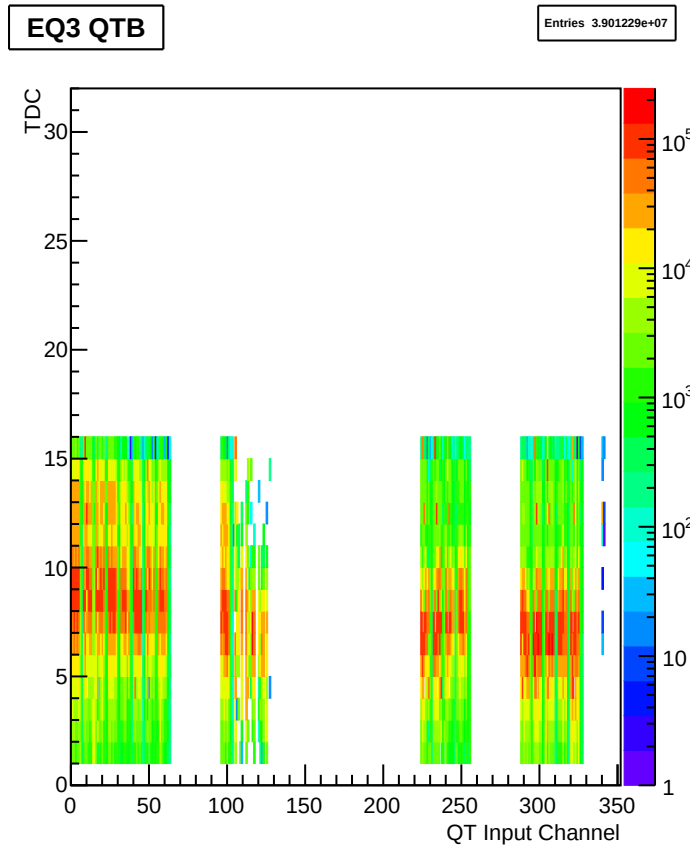

EQ2 QTB
Entries 1.463112e+08
ADC
QT Input Channel

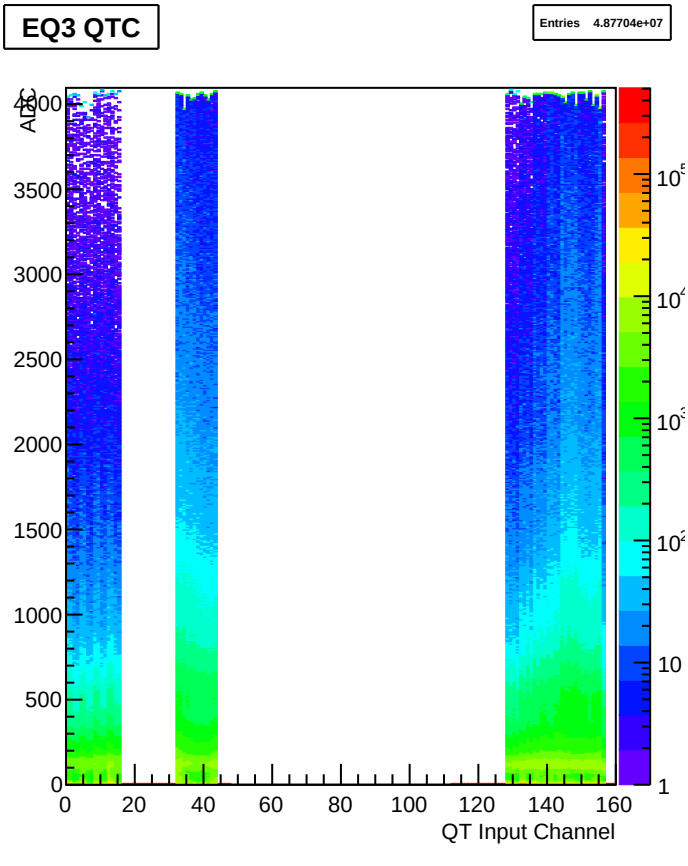

EQ2 QTB
Entries 3.888987e+07
TDC
QT Input Channel

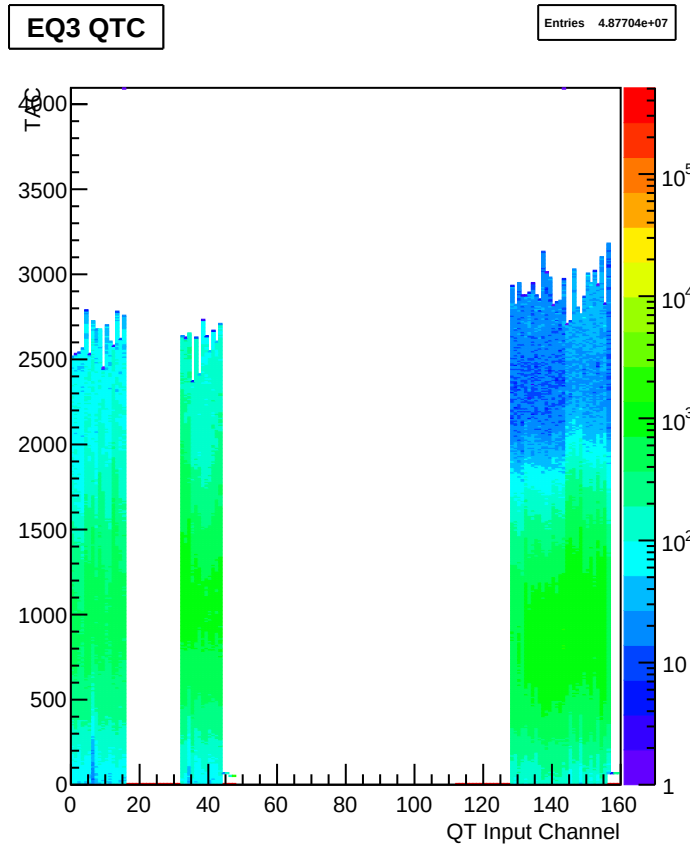

EQ2 QTC
Entries 4.87704e+07
ADC
QT Input Channel

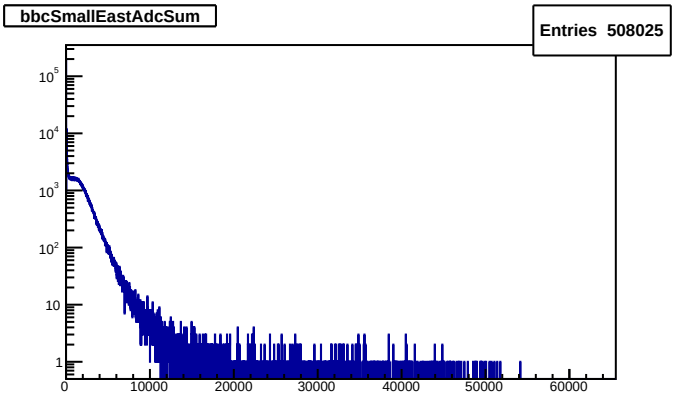

EQ2 QTC
Entries 4.87704e+07
TADC
QT Input Channel

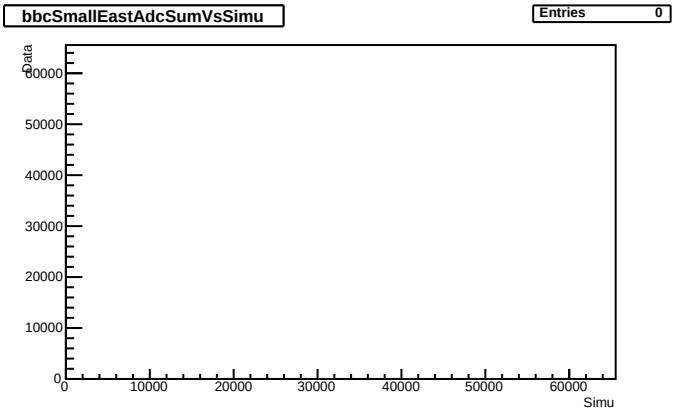

EQ3 QTB
Entries 1.300544e+08
ADC
QT Input Channel

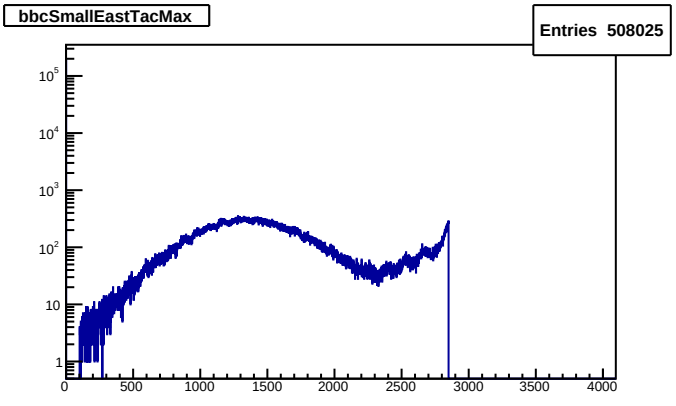

EQ3 QTB
Entries 3.901229e+07
TDC
QT Input Channel


EQ3 QTC
Entries 4.87704e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.87704e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 508025


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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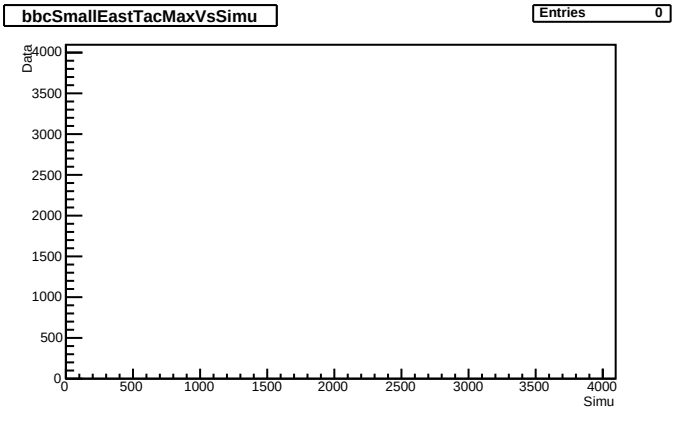
Entries 508025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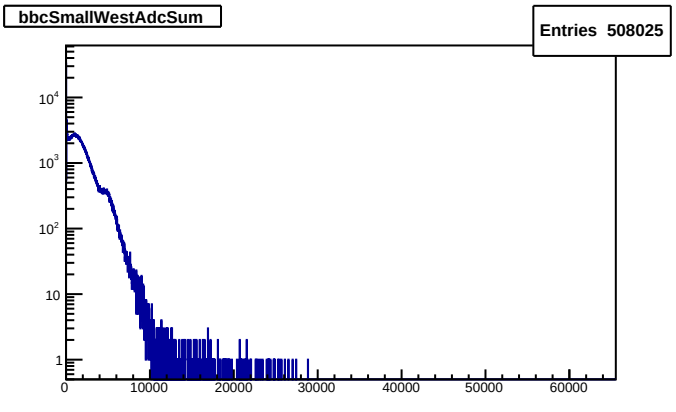
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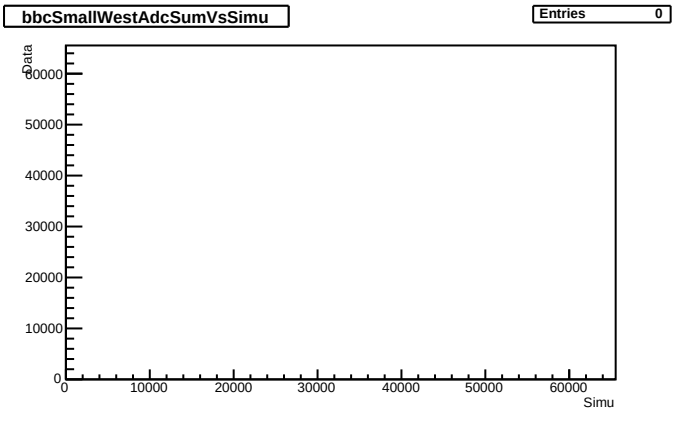
Entries 508025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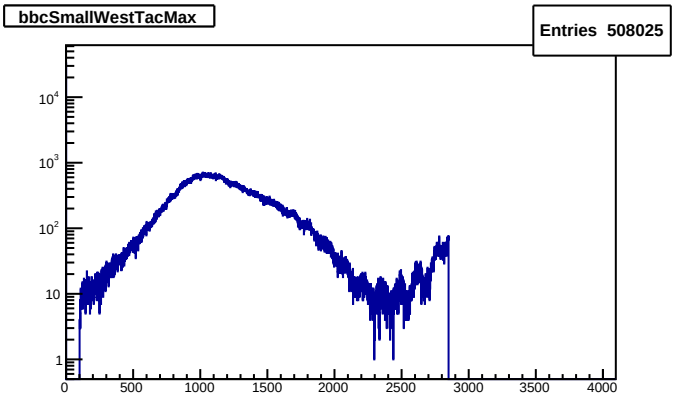
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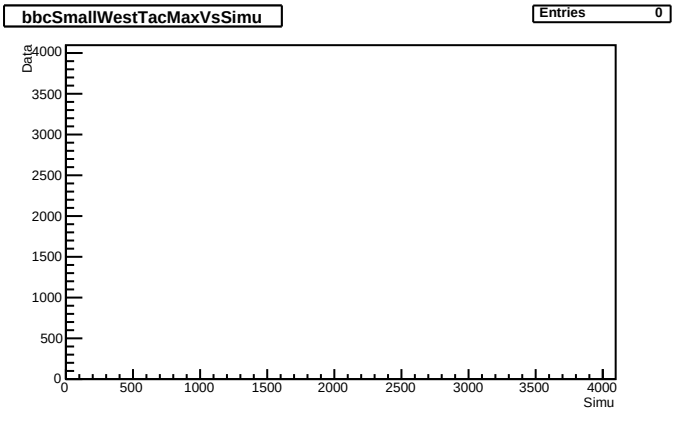
bbcSmallWestTacMaxVsSimu
Entries 0
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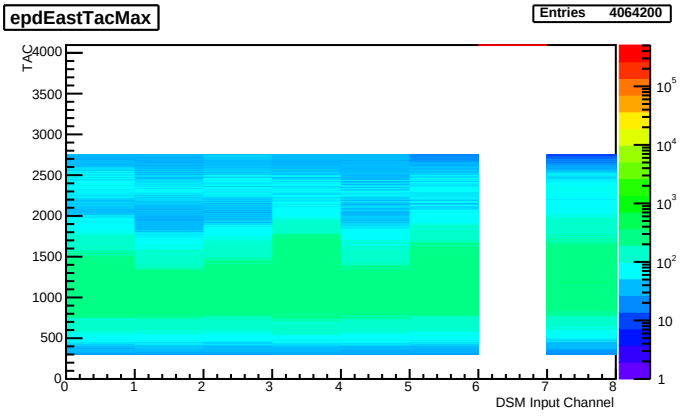
Simu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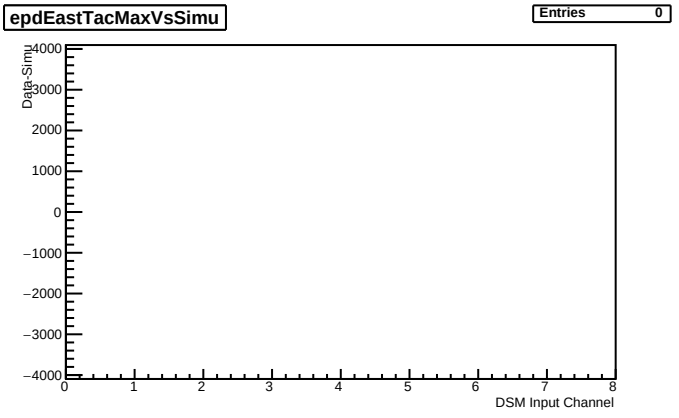
Entries 4064200
TAC
DSM Input Channel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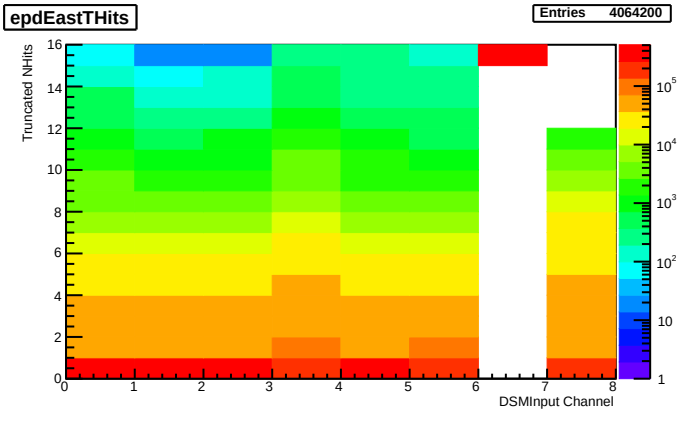
Entries 0
Data-Simu
DSM Input Channel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Entries 4064200
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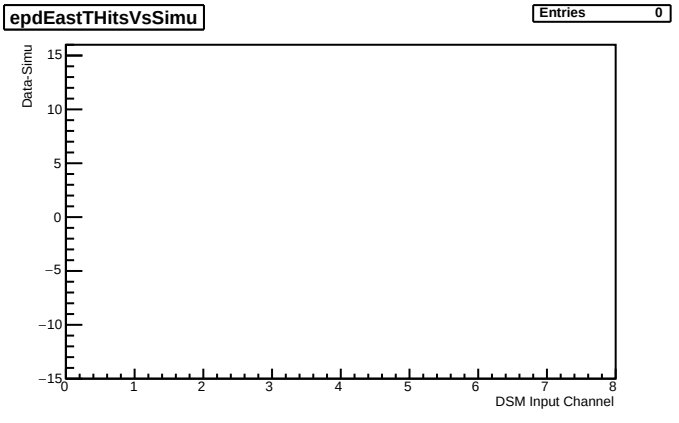
DSMInput Channel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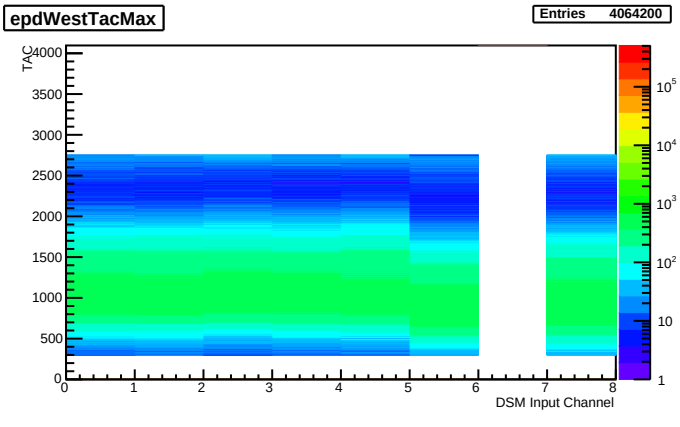
DSM Input Channel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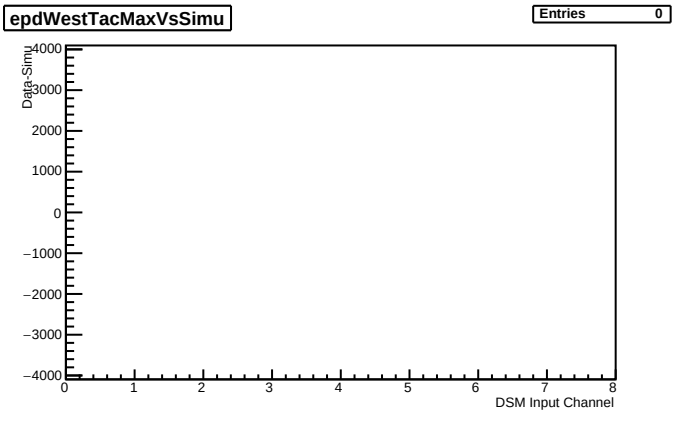
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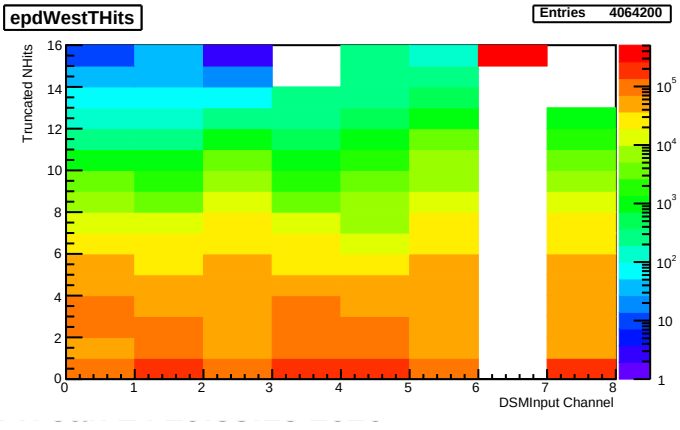
Data-Simu
DSM Input Channel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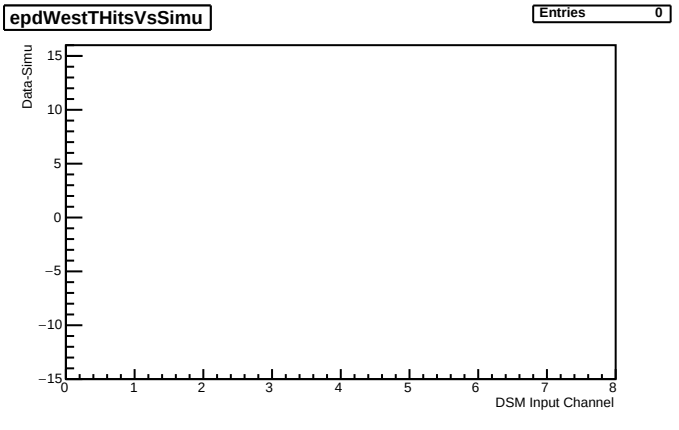
Entries 4064200
Truncated NHits
DSMInput Channel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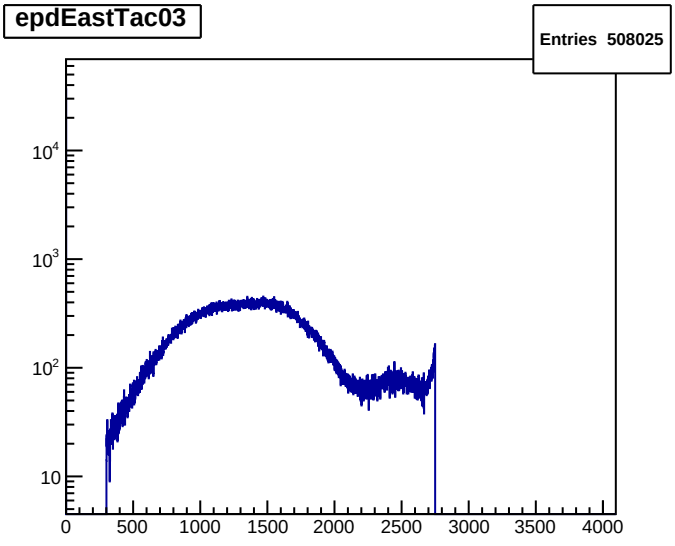
Entries 0
Data-Simu
DSM Input Channel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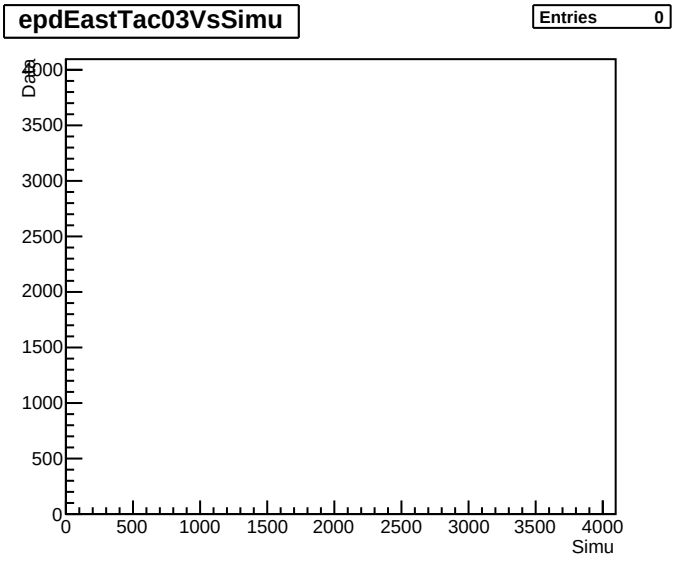
Entries 508025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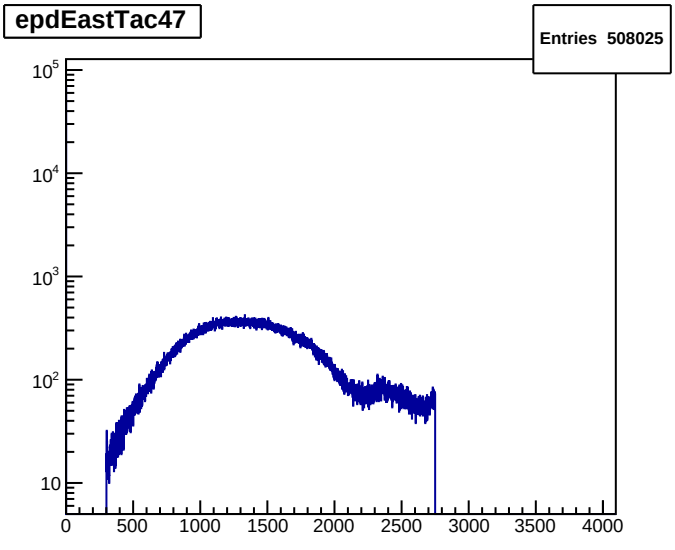
Entries 0
Data
Simu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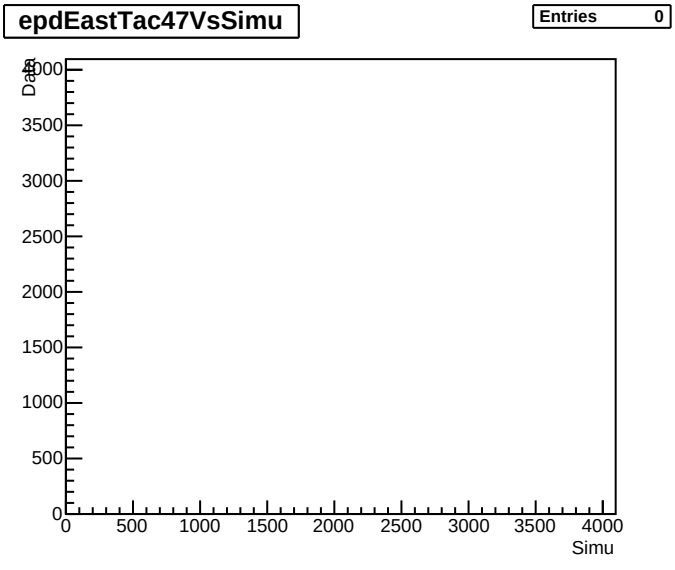
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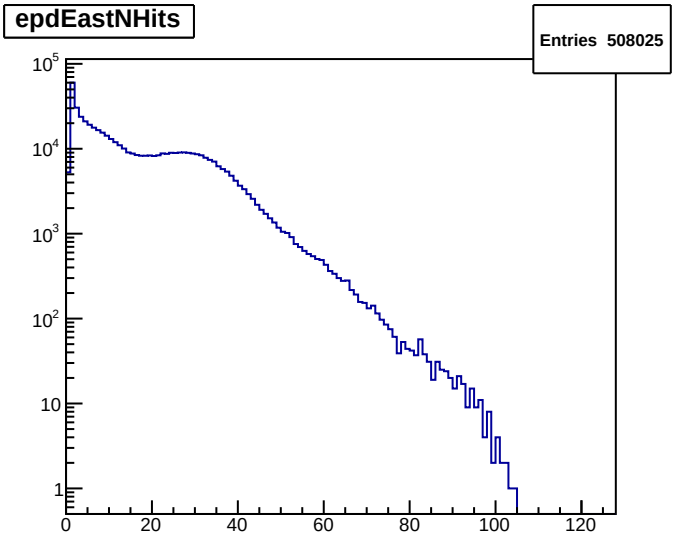
Entries 0
Data
Simu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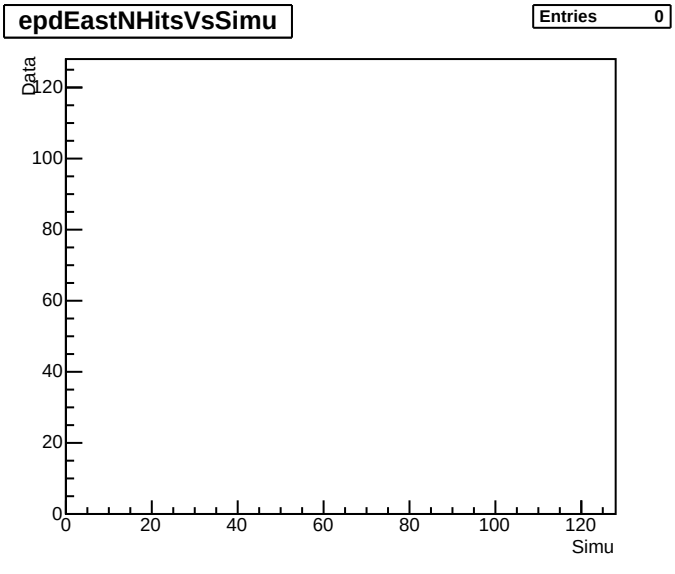
Entries 508025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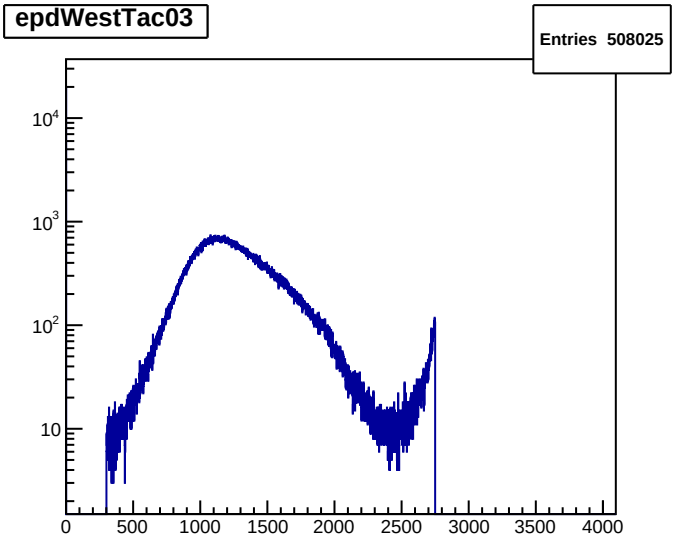
Entries 0
Data
Simu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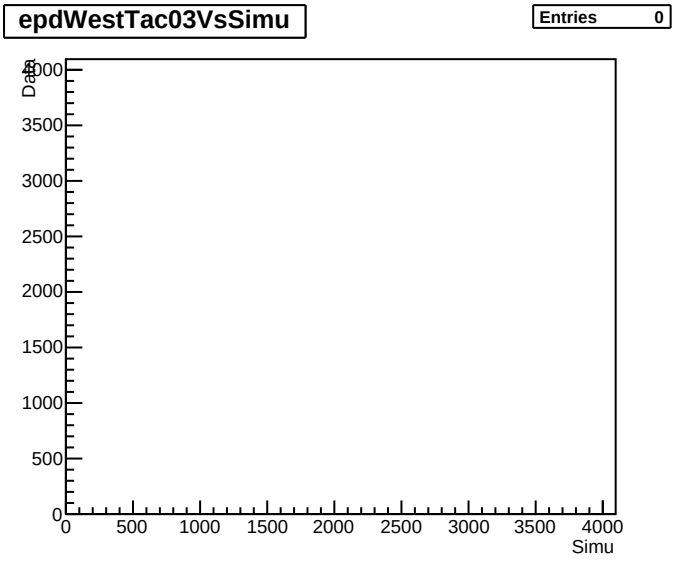
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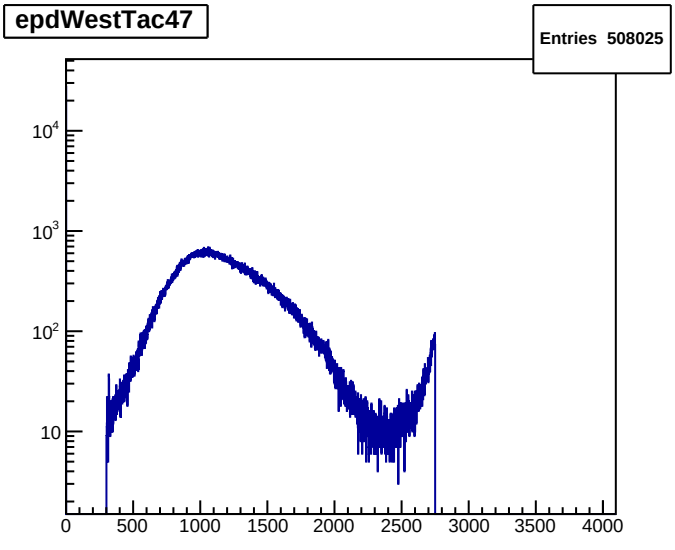
Simu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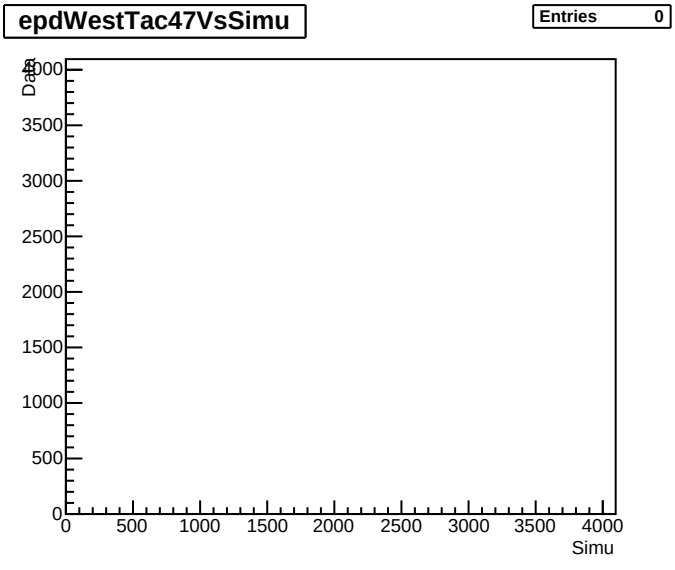
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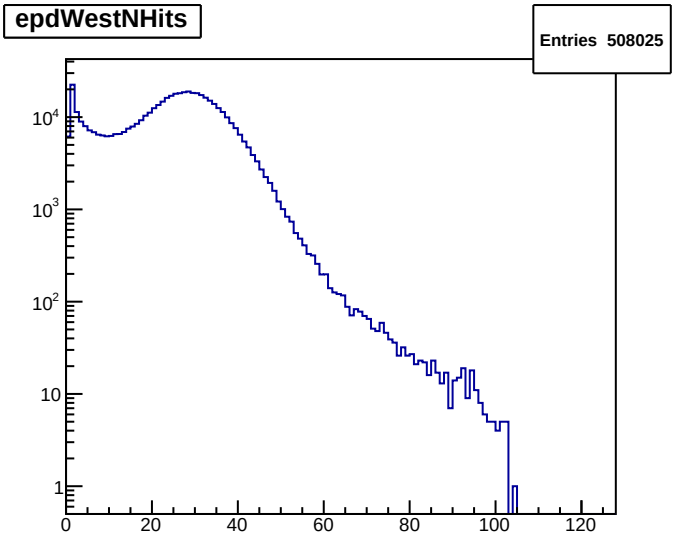
Entries 0
Data
Simu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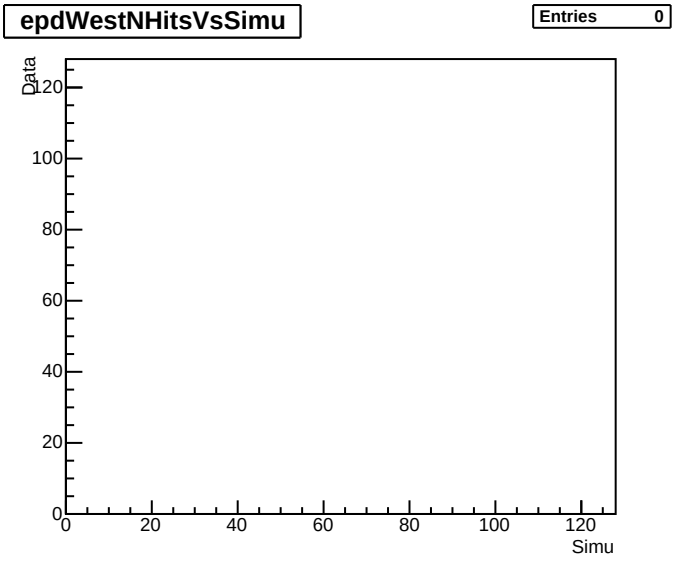
Entries 508025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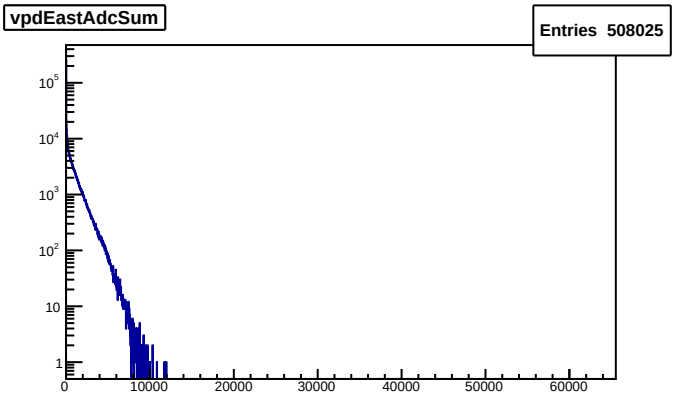
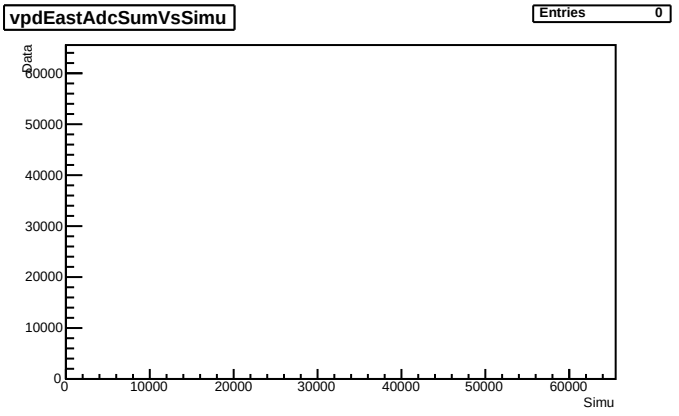
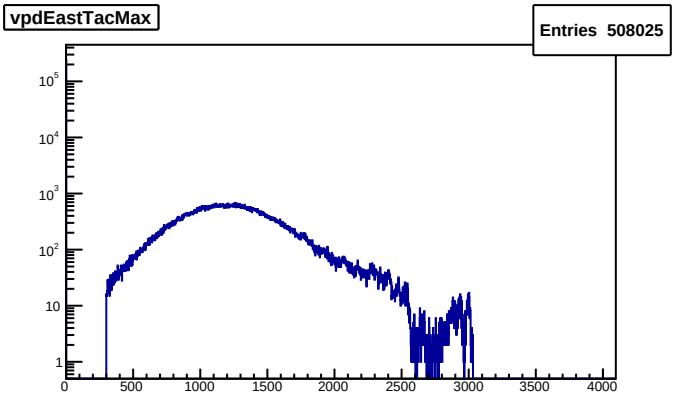
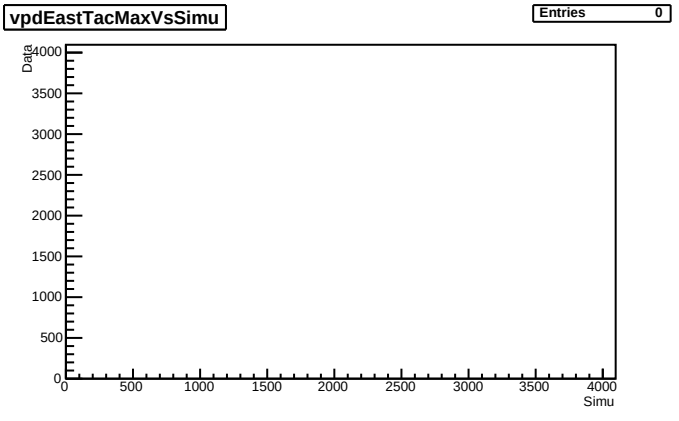
Entries 0
Data
Simu


vpdEastAdcSum
Entries 508025


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 508025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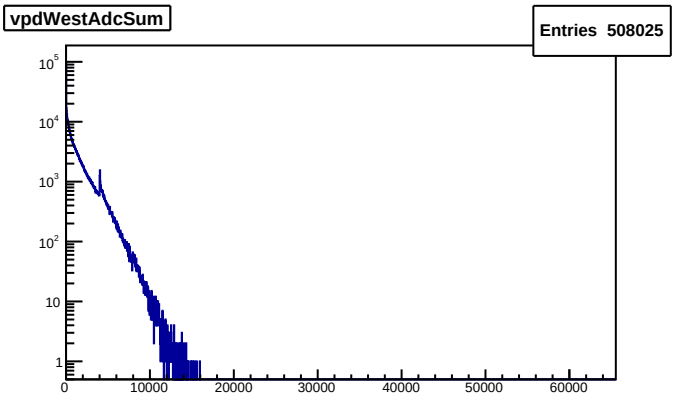
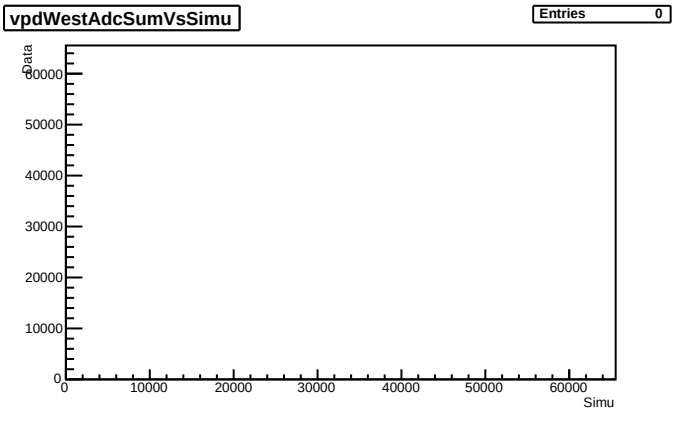
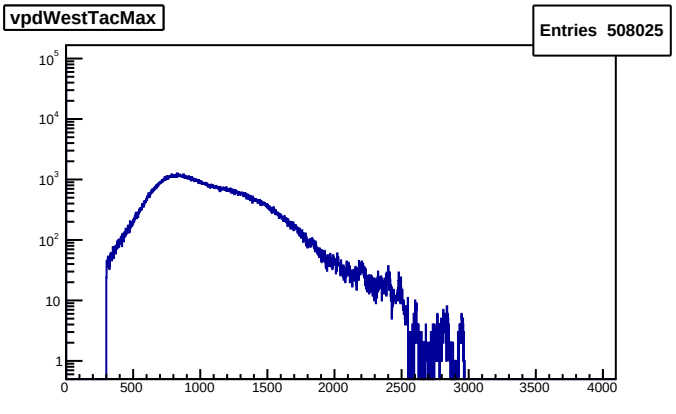
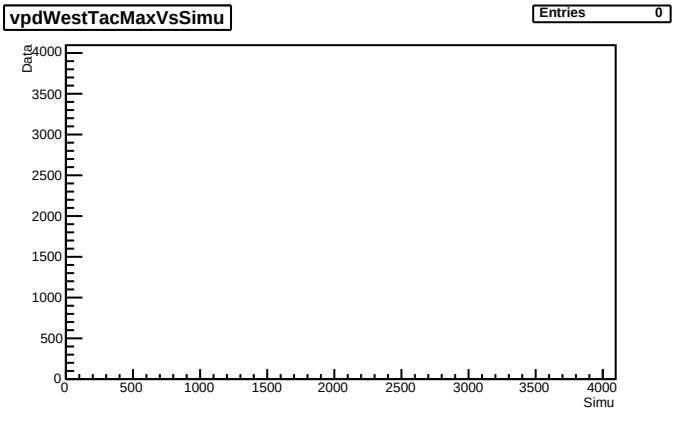
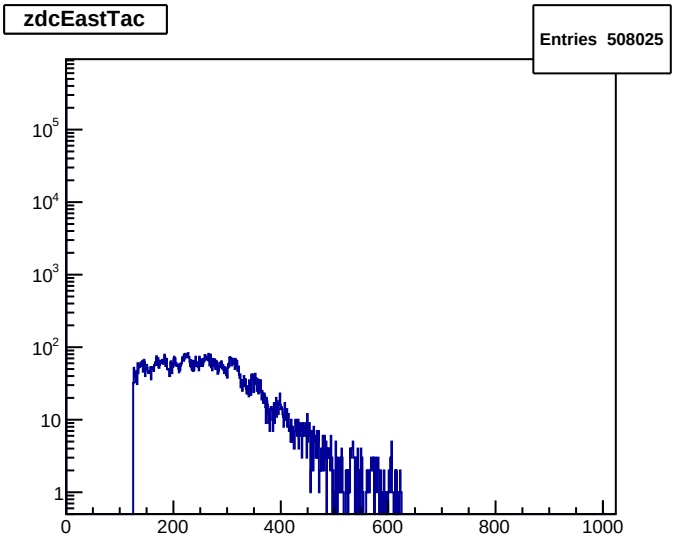
Entries 0
Data
Simu

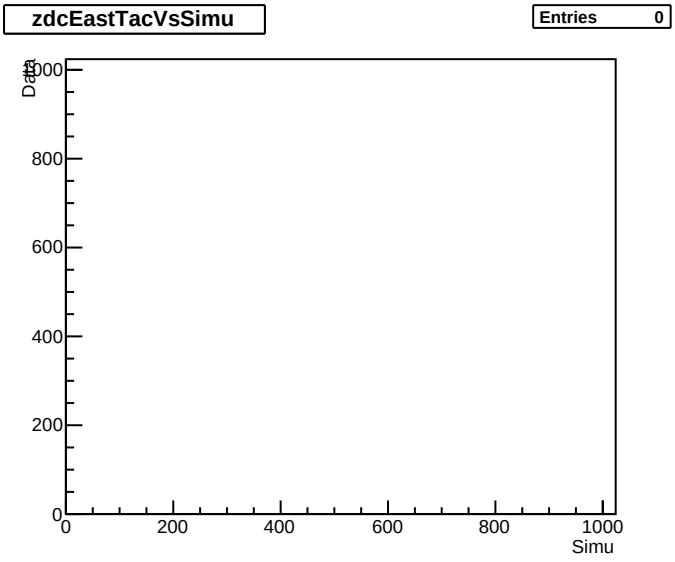

vpdWestAdcSum
Entries 508025

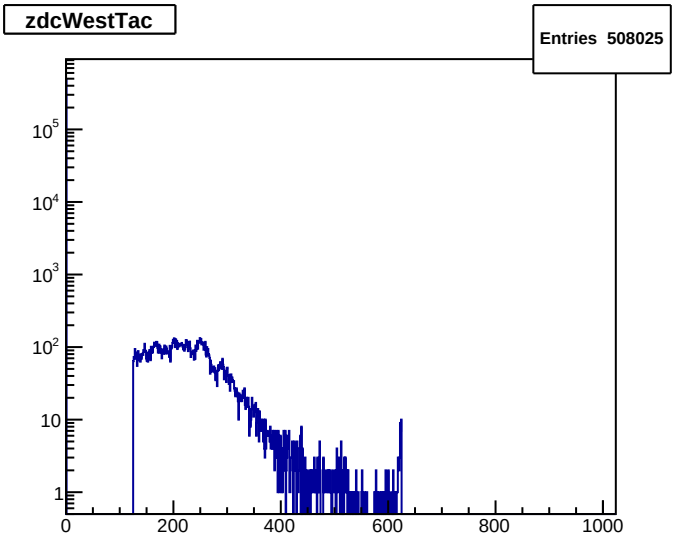

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

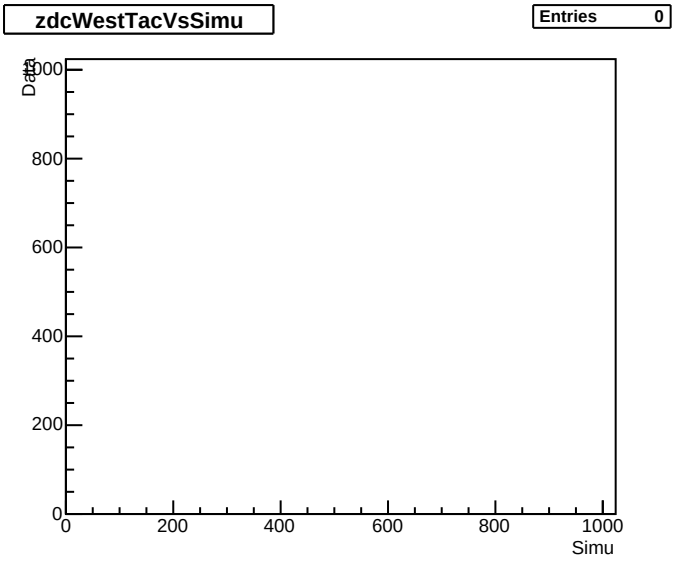

vpdWestTacMax
Entries 508025

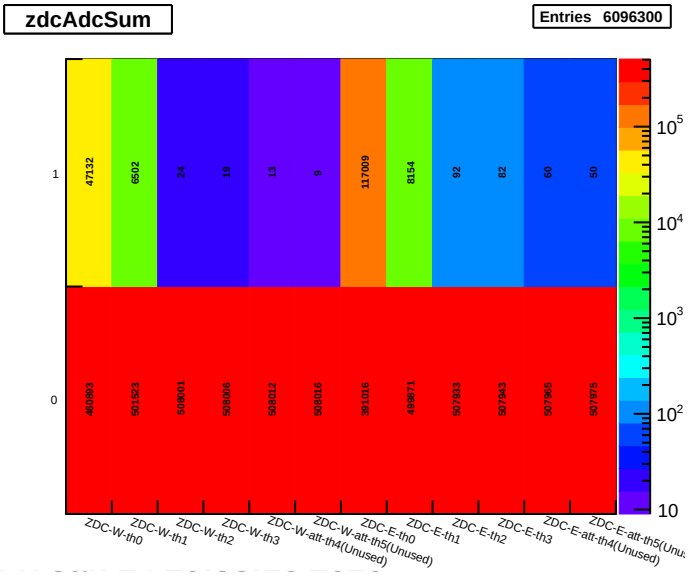

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

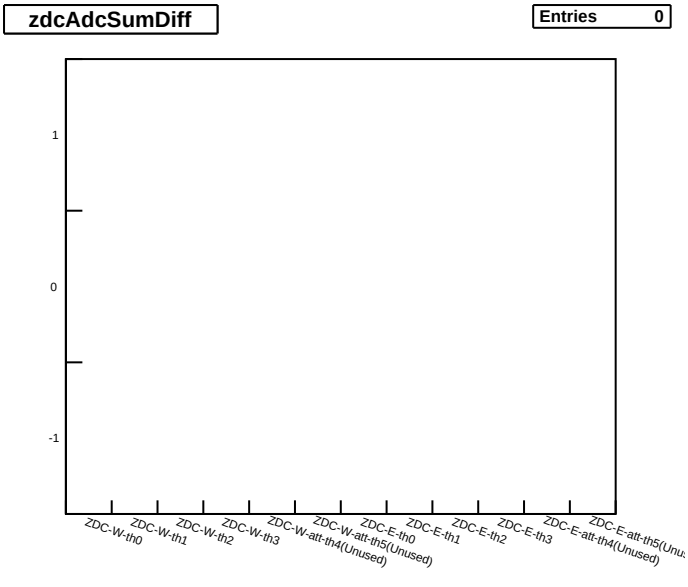

zdcEastTac
Entries 508025

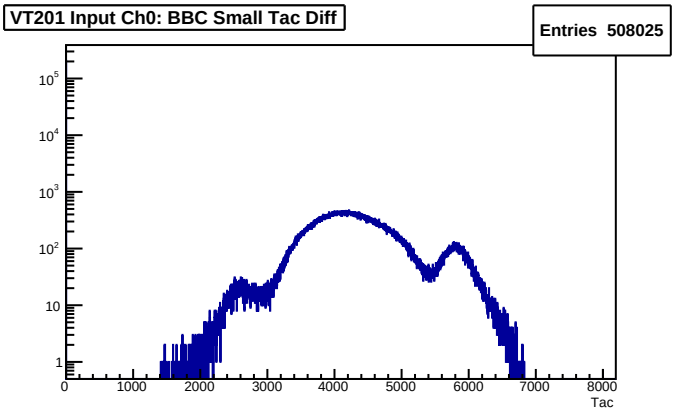

zdcEastTacVsSimu
Entries 0
Data
Simu

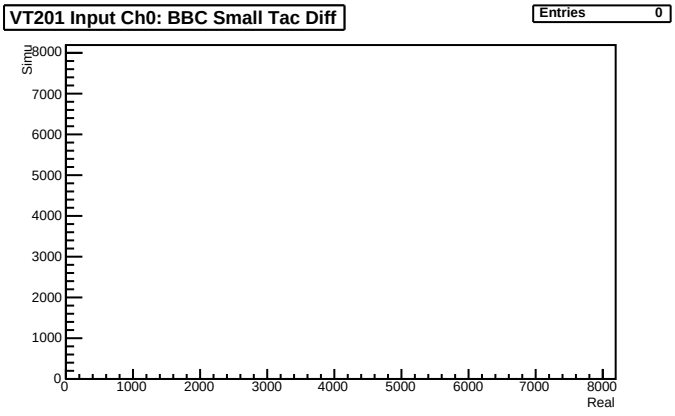

zdcWestTac
Entries 508025

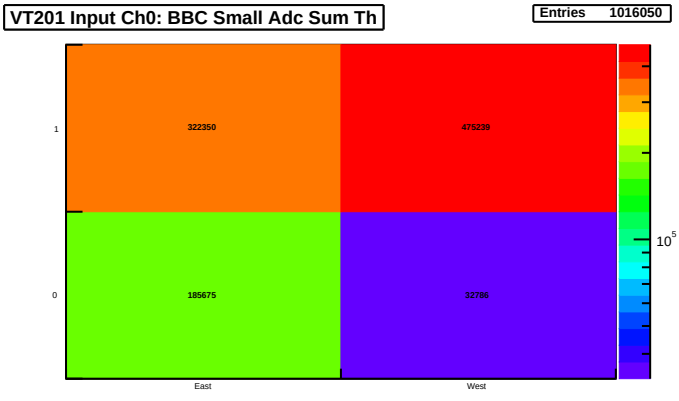

zdcWestTacVsSimu
Entries 0
Data
Simu

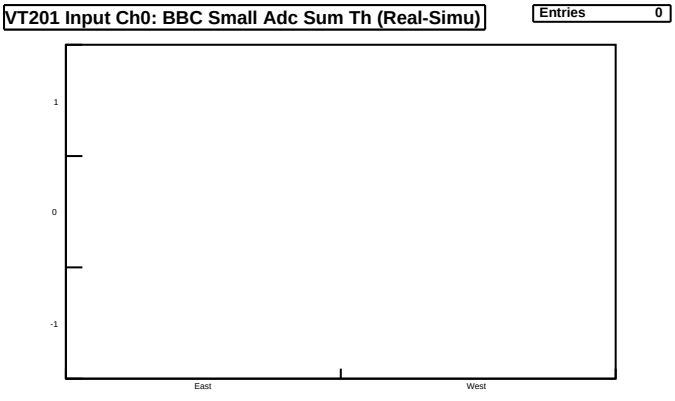

zdcAdcSum
Entries 6096300
47132
6502
24
19
13
9
117009
8154
92
82
60
50
460893
501523
508001
508006
508012
508016
391016
499871
507933
507943
507965
507975
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

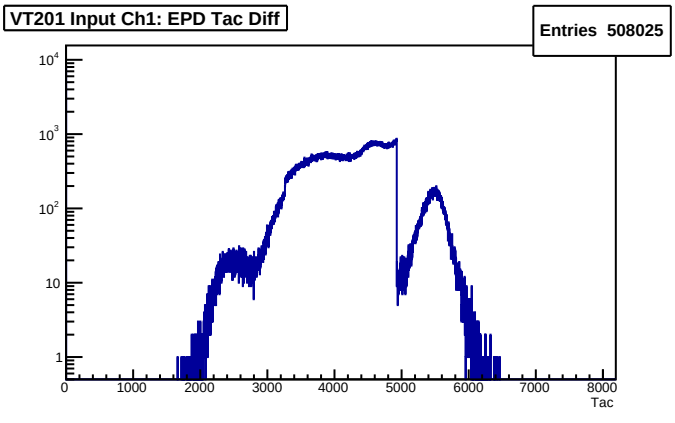

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

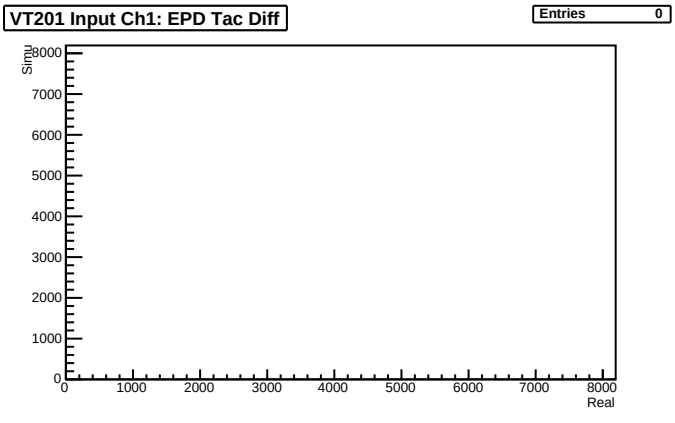

VT201 Input Ch0: BBC Small Tac Diff
Entries 508025
Tac

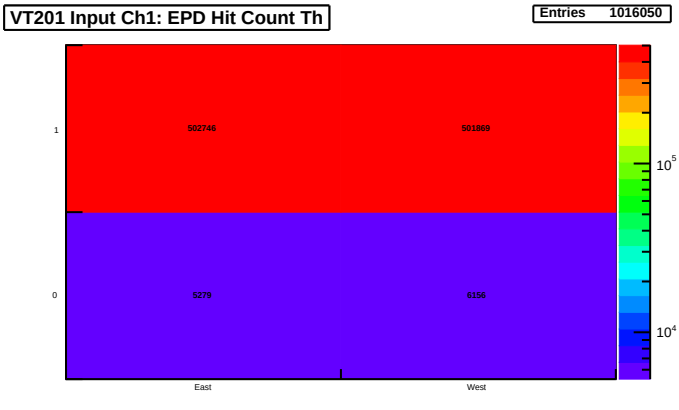

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

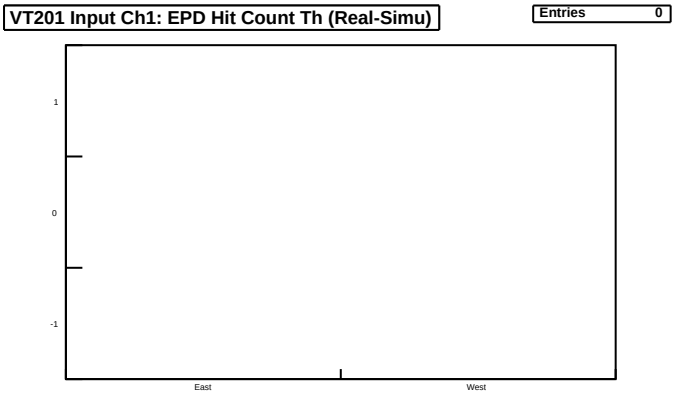

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1016050
322350
475239
185675
32786
East
West

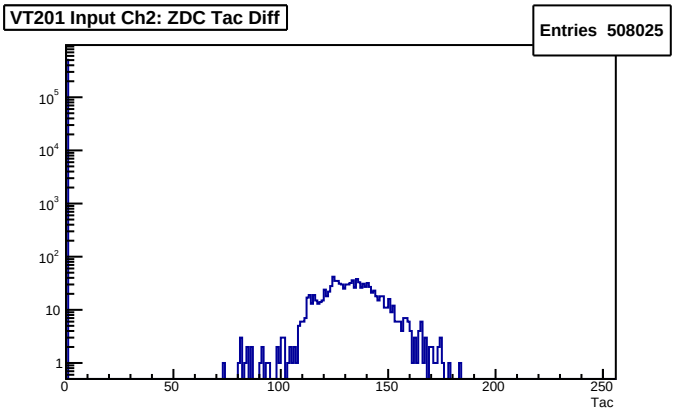

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

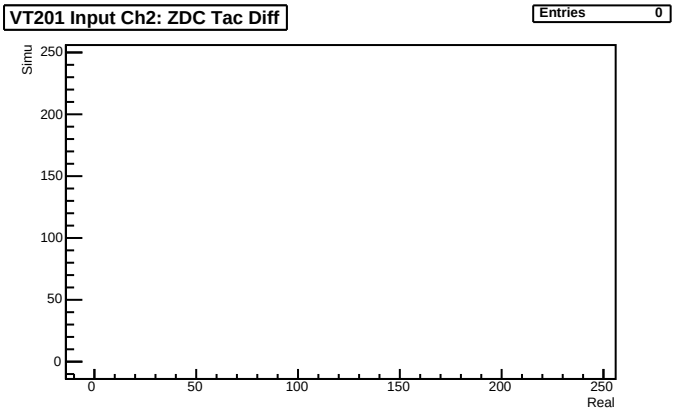

VT201 Input Ch1: EPD Tac Diff
Entries 508025
Tac

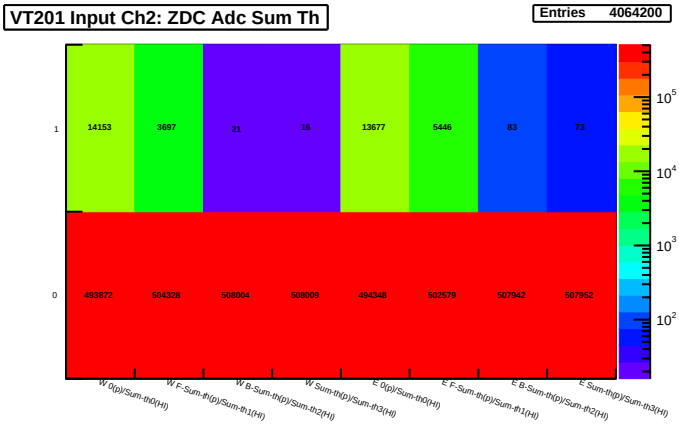

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

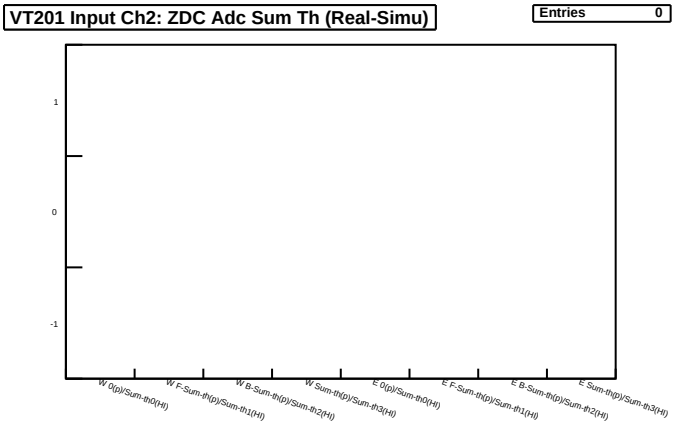

VT201 Input Ch1: EPD Hit Count Th
Entries 1016050
502746
501869
5279
6156
East
West

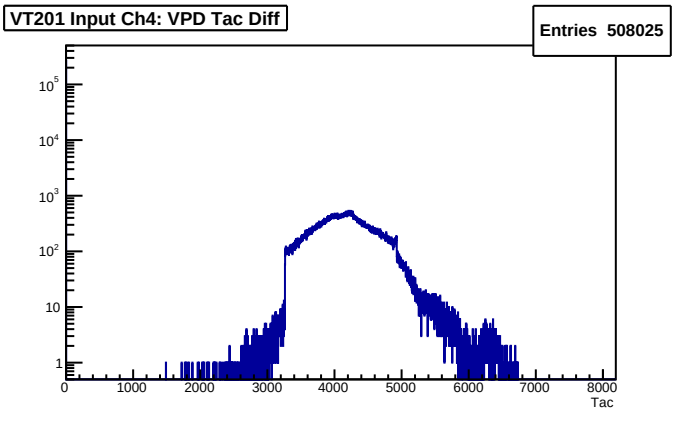

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

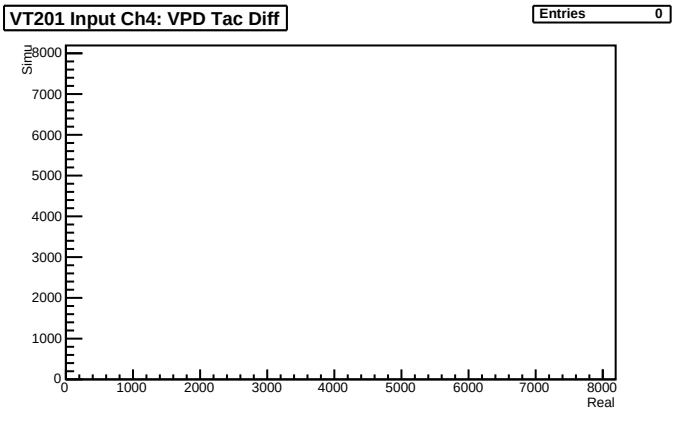

VT201 Input Ch2: ZDC Tac Diff
Entries 508025
Tac

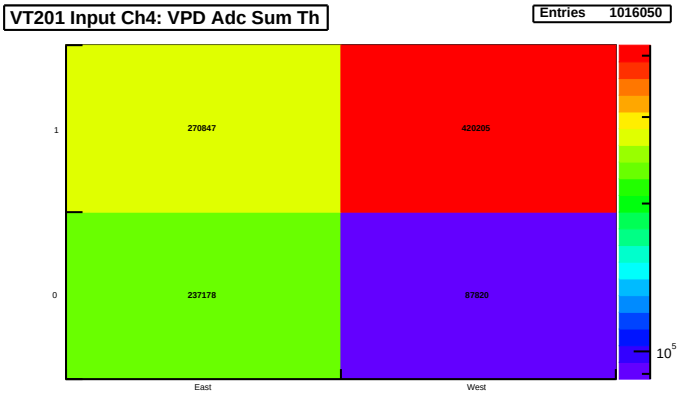

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

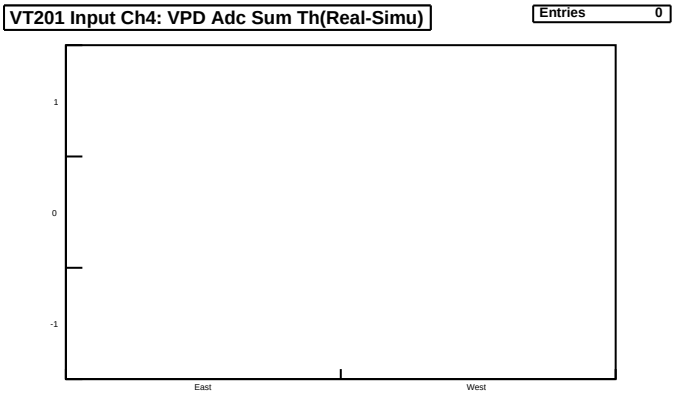

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4064200
14153
3697
21
16
13677
5446
83
73
493872
504328
508004
508009
494348
502579
507942
507952
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

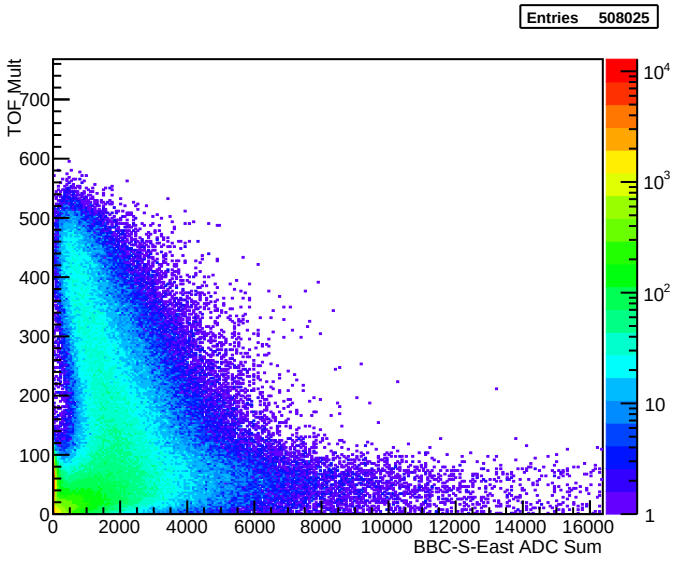

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

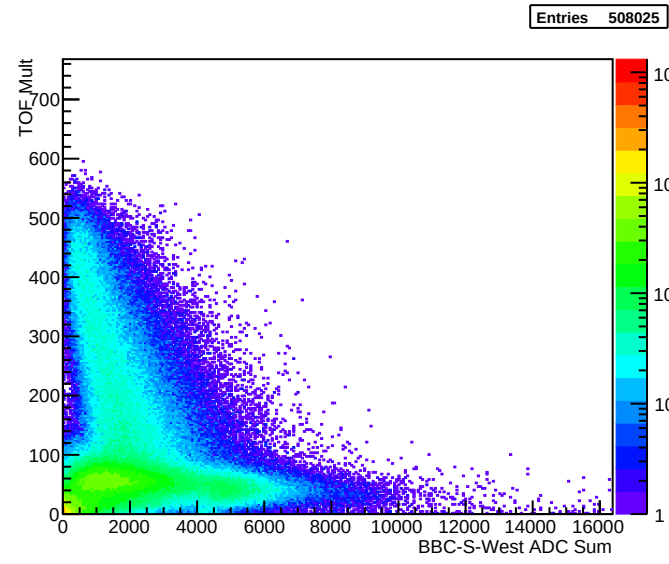

VT201 Input Ch4: VPD Tac Diff
Entries 508025
Tac

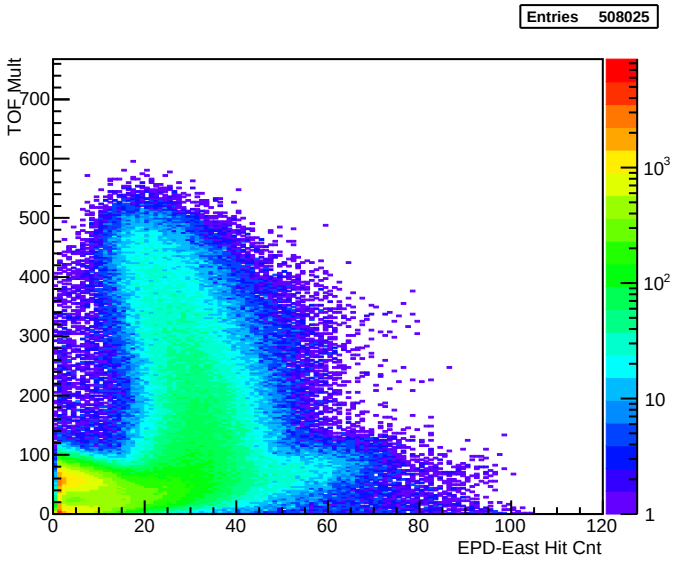

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

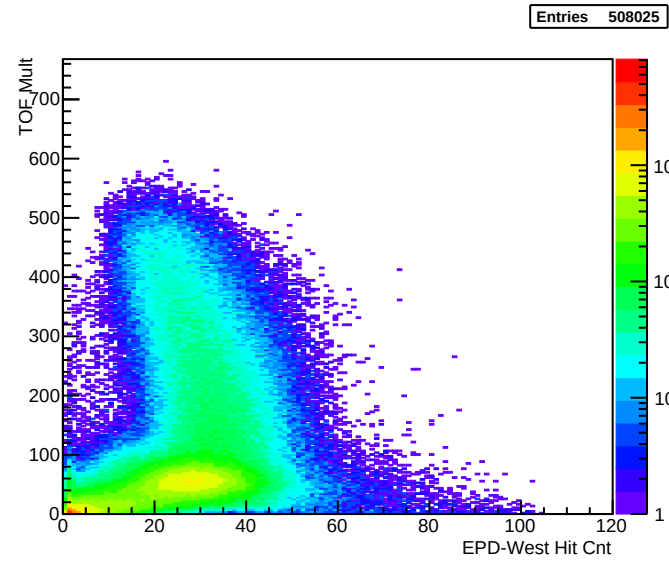

VT201 Input Ch4: VPD Adc Sum Th
Entries 1016050
270847
420205
237178
87820
East
West

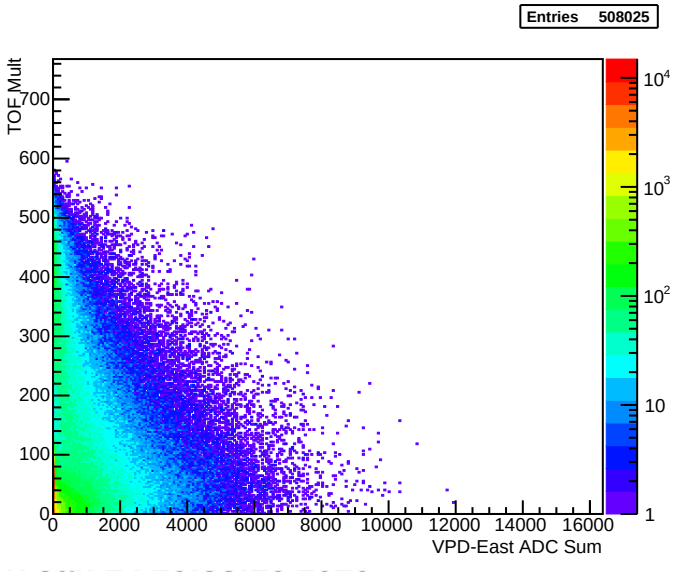

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

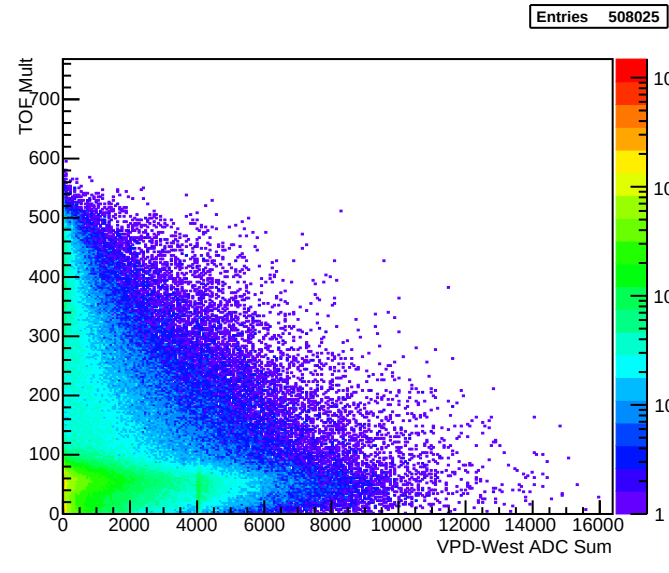

Entries 508025
TOF_Mult
BBC-S-East ADC Sum

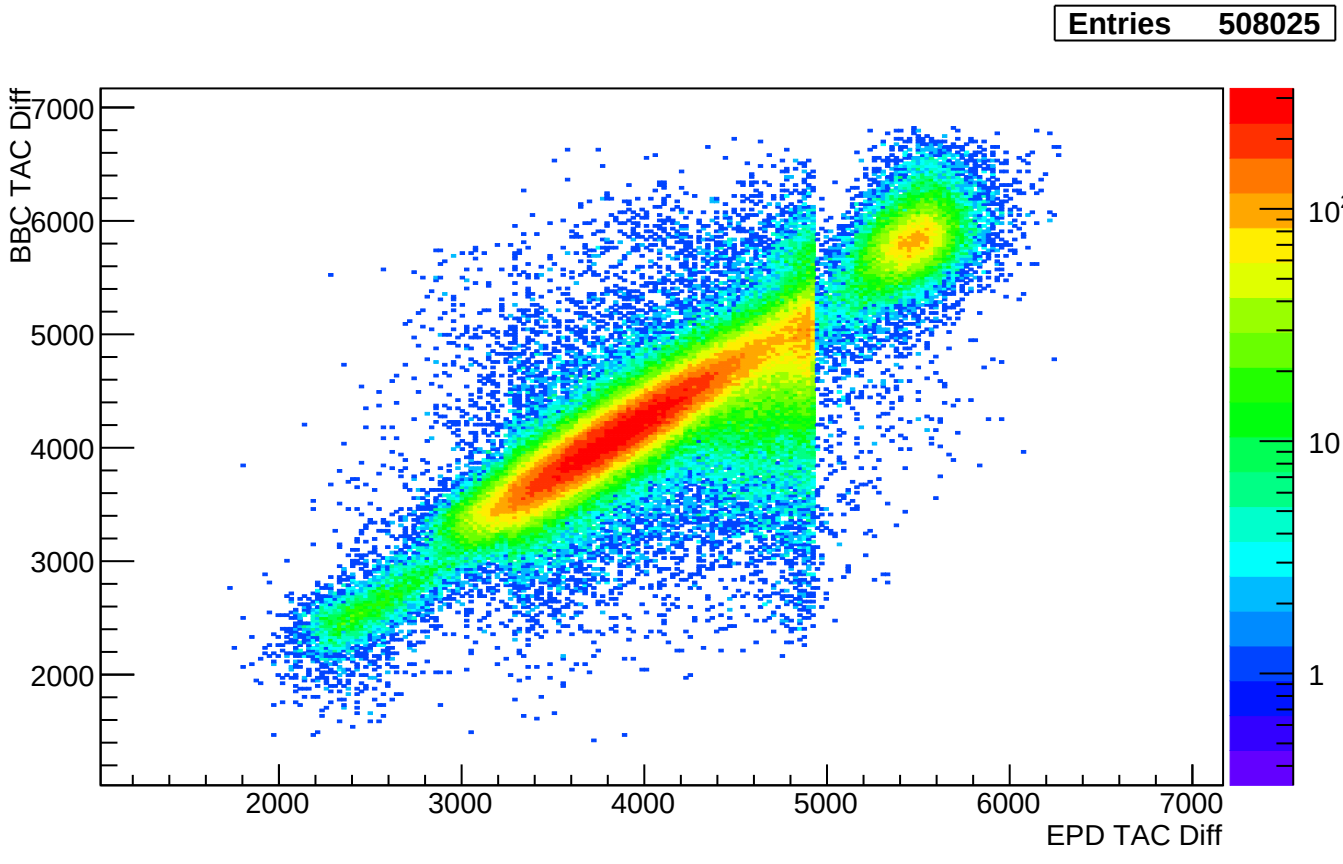

Entries 508025
TOF_Mult
BBC-S-West ADC Sum

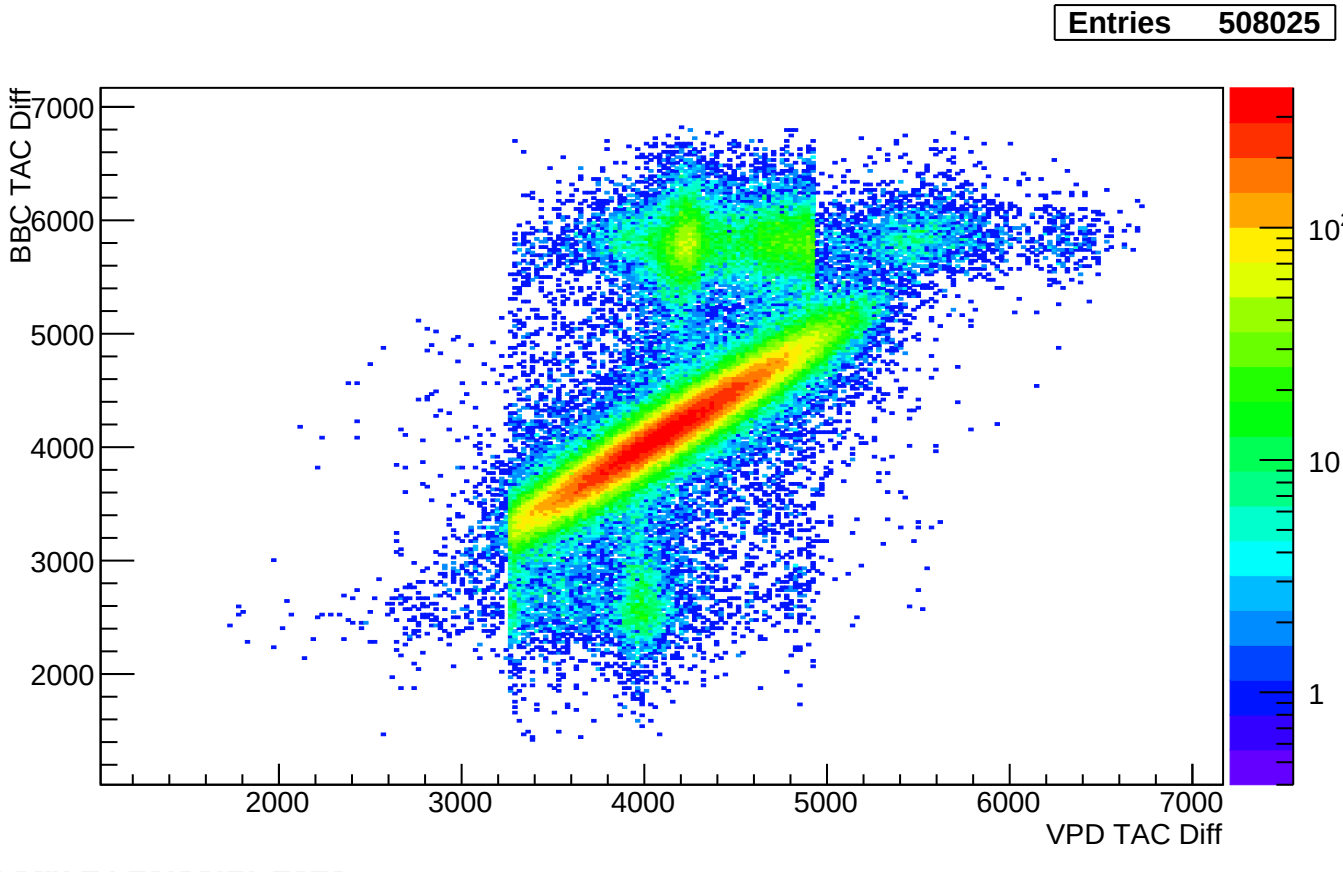

Entries 508025
TOF_Mult
EPD-East Hit Cnt

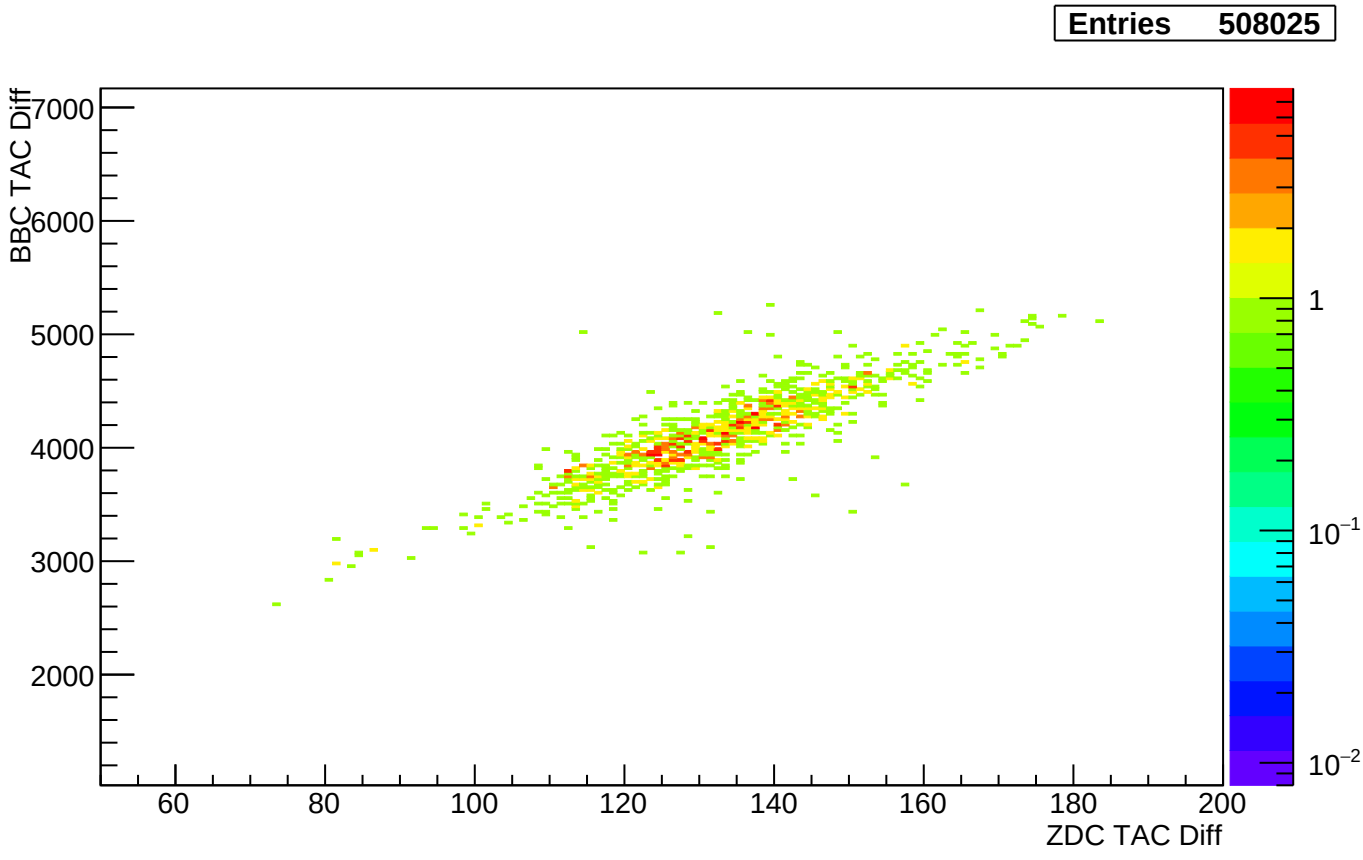

Entries 508025
TOF_Mult
EPD-West Hit Cnt

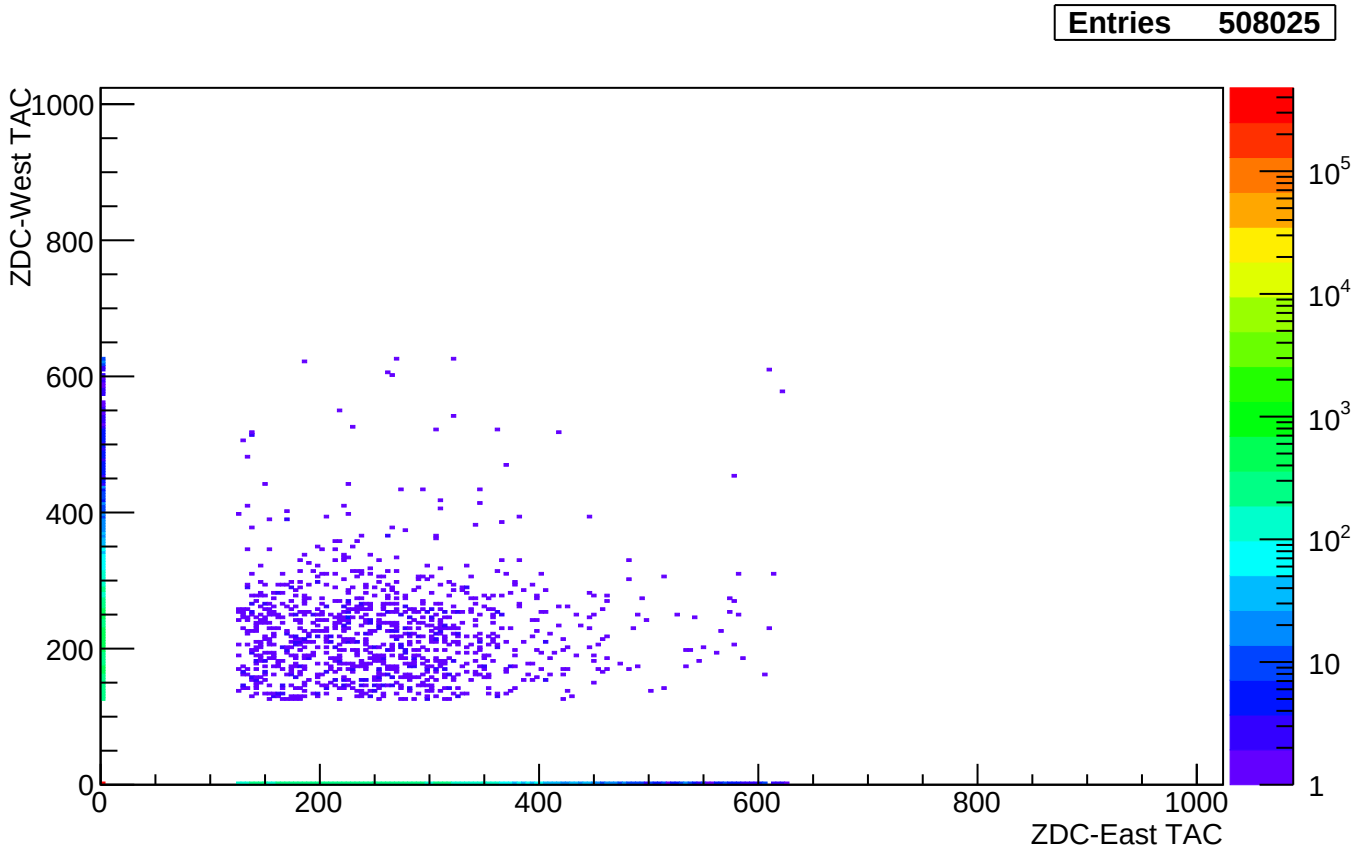

Entries 508025
TOF_Mult
VPD-East ADC Sum

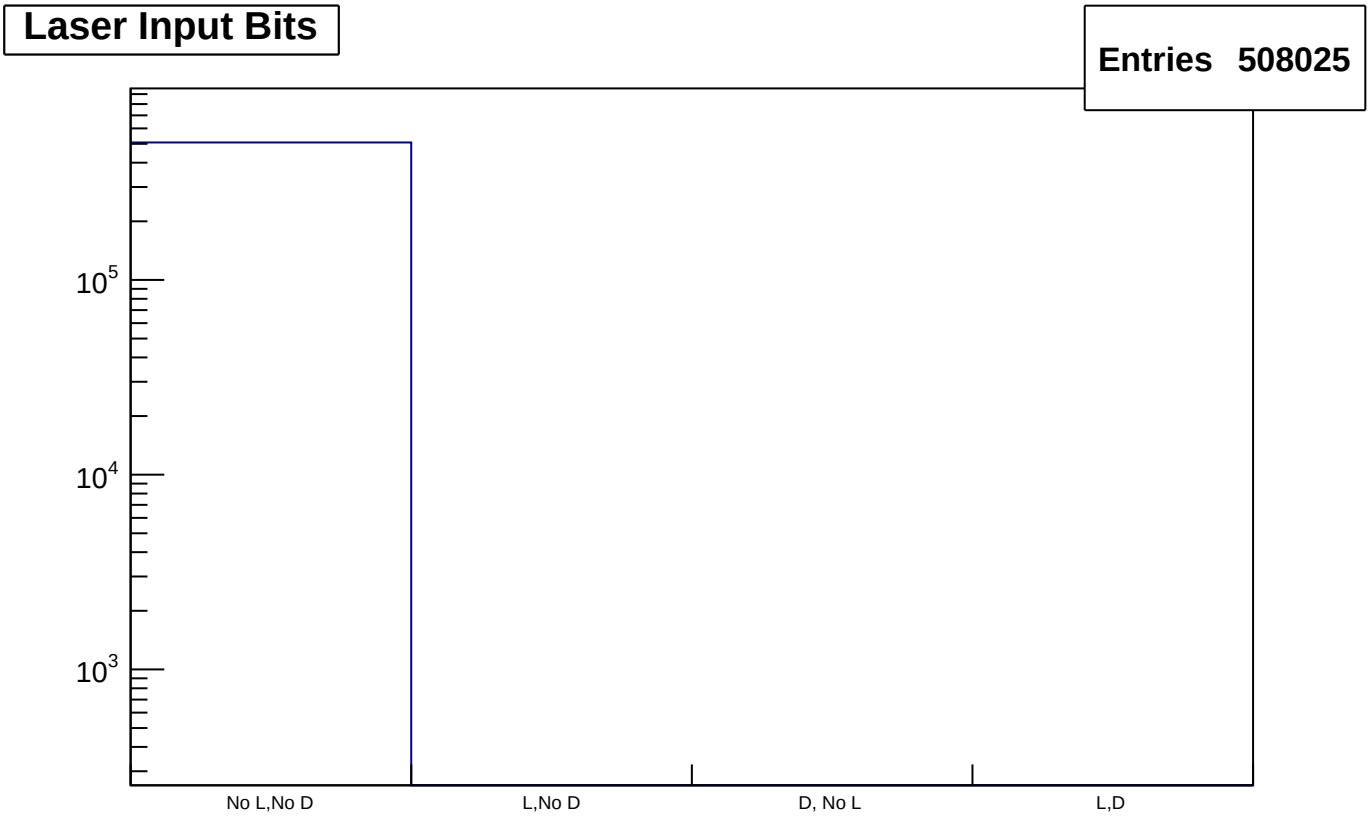

Entries 508025
TOF_Mult
VPD-West ADC Sum

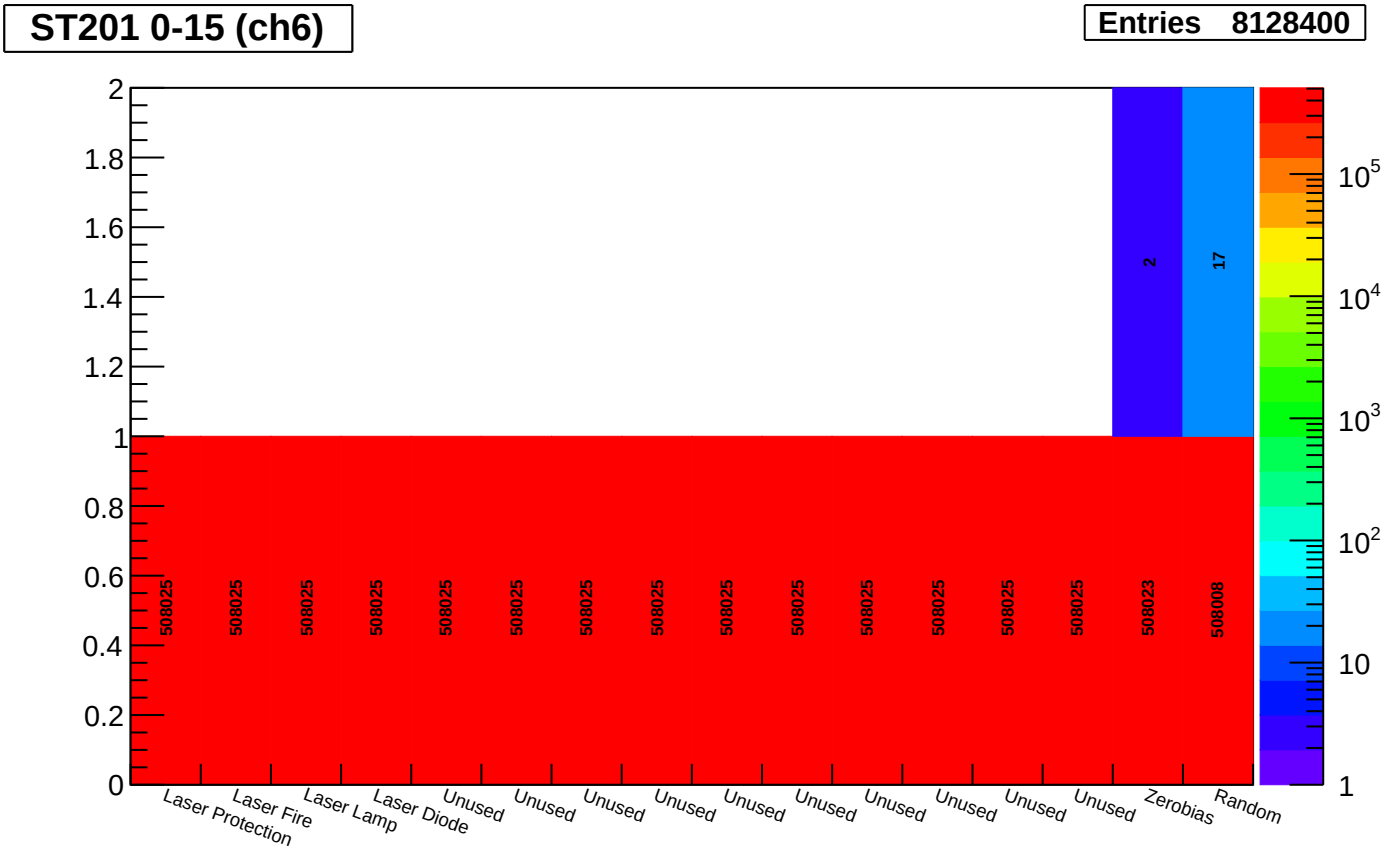

Entries 508025
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

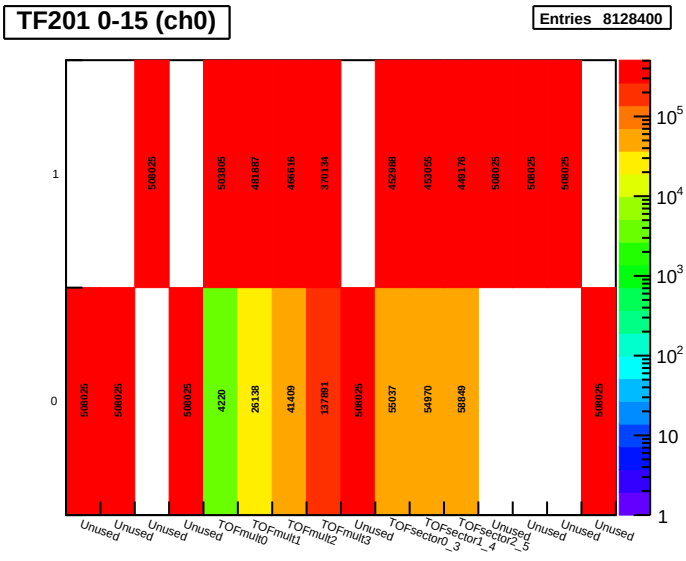

Entries 508025
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

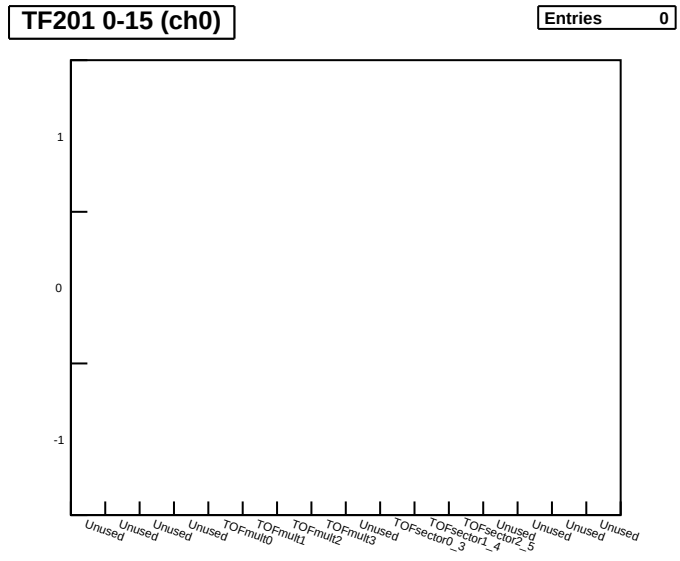

Entries 508025
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

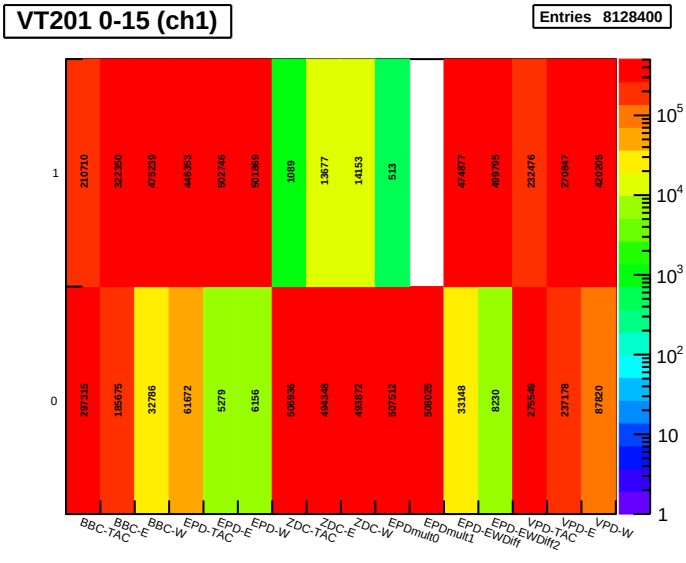

Entries 508025
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

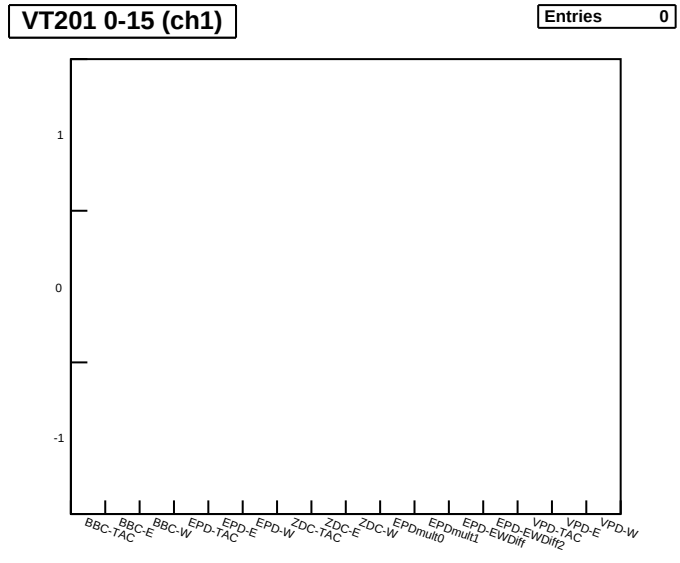

Laser Input Bits
Entries 508025
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

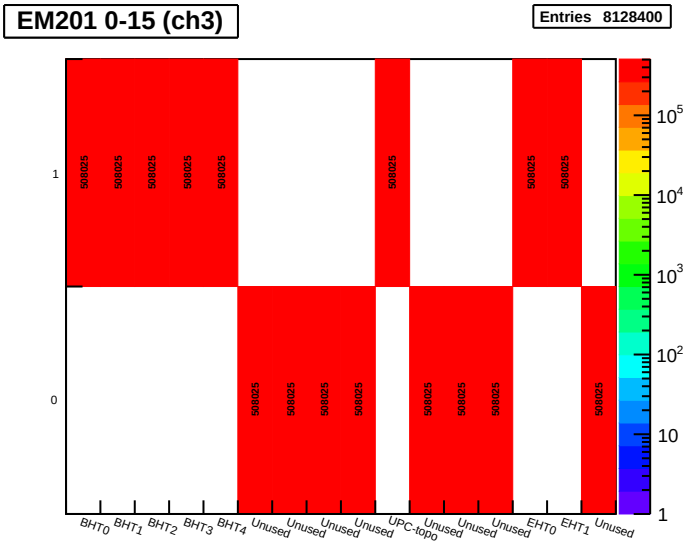

ST201 0-15 (ch6)
Entries 8128400
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
508025
508025
508025
508025
508025
508025
508025
508025
508025
508025
508025
508025
508025
508023
508008
2
17
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

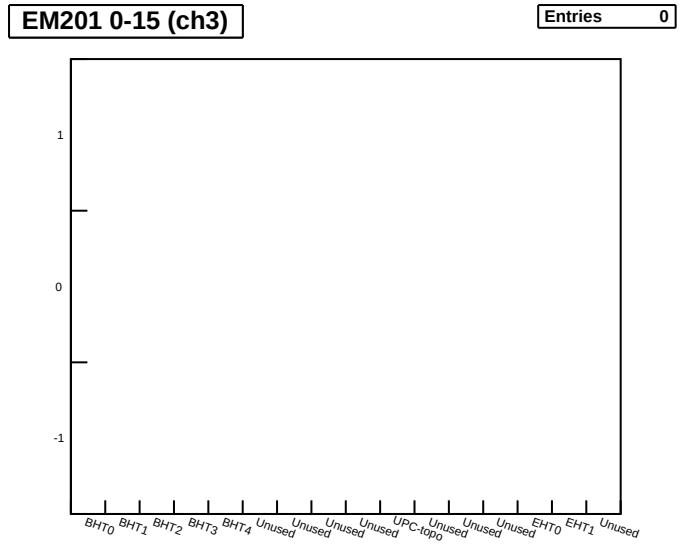

TF201 0-15 (ch0)
Entries 8128400
1
0
508025
503805
481887
466616
370134
452988
453055
449176
508025
508025
508025
508025
508025
508025
508025
4220
26138
41409
137891
508025
55037
54970
58849
508025
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 8128400
1
0
210710
322350
475239
446353
502746
501869
1089
13677
14153
513
474877
499795
232476
270847
420205
297315
185675
32786
61672
5279
6156
506936
494348
493872
507512
508025
33148
8230
275549
237178
87820
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 8128400
1
0
508025
508025
508025
508025
508025
508025
508025
508025
508025
508025
508025
508025
508025
508025
508025
508025
508025
508025
508025
508025
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