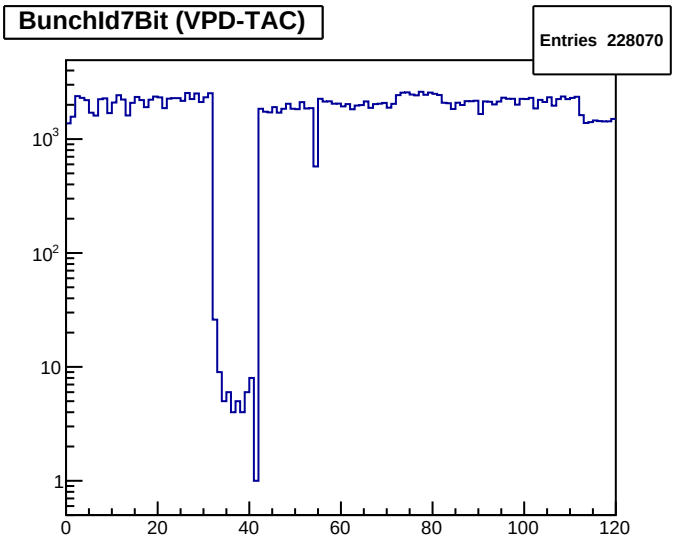
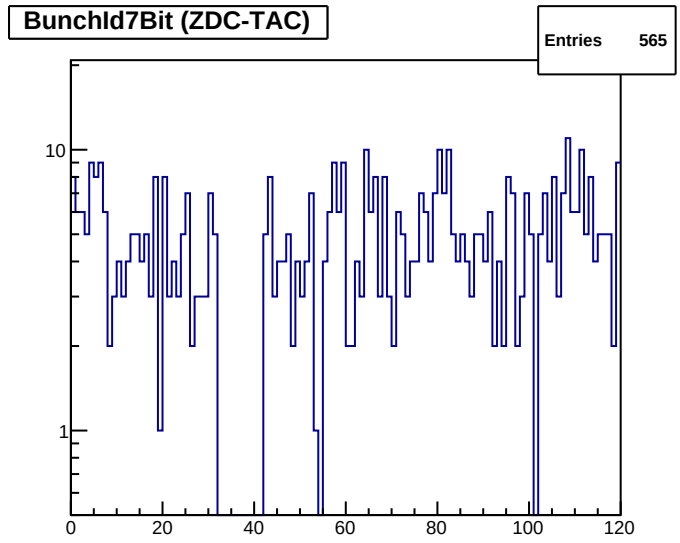
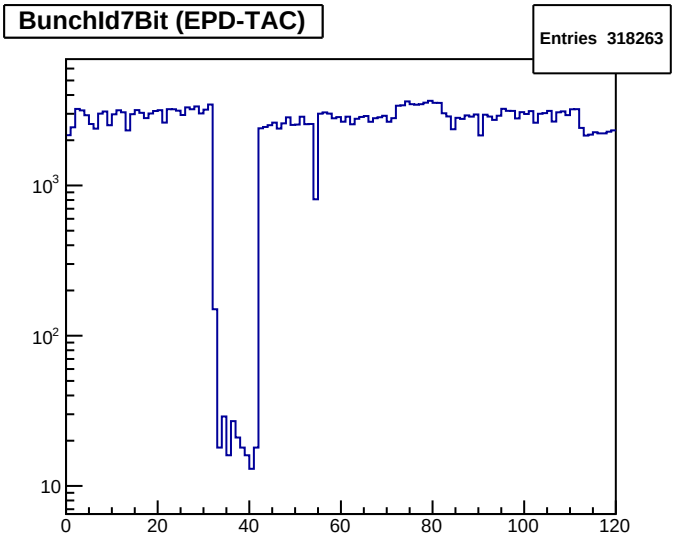
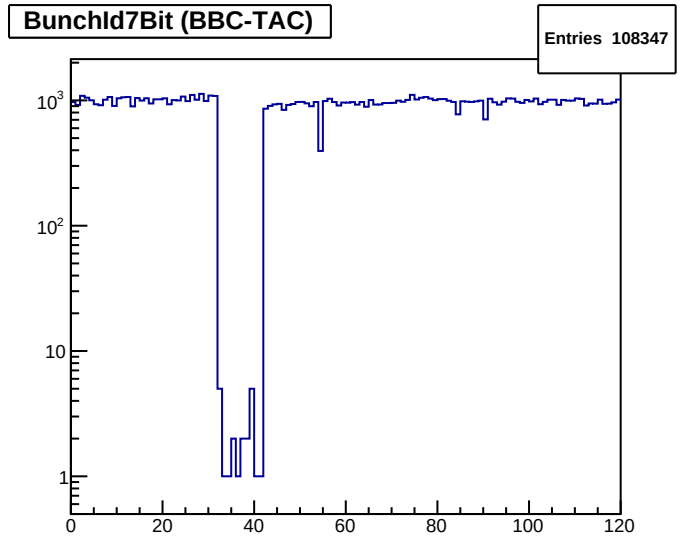
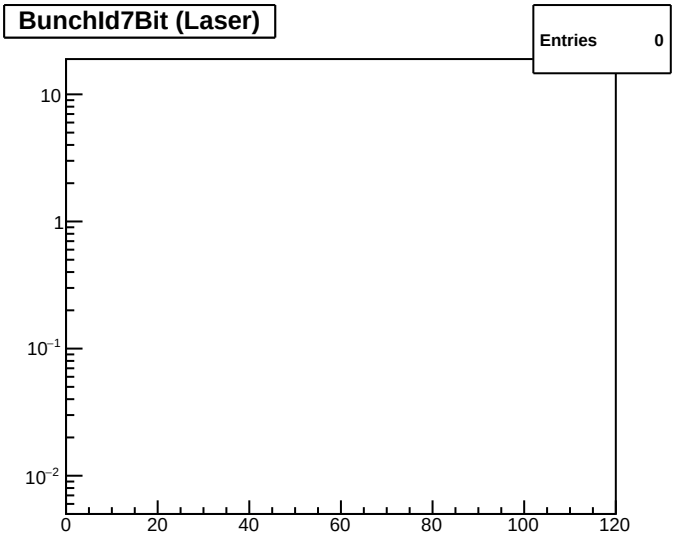
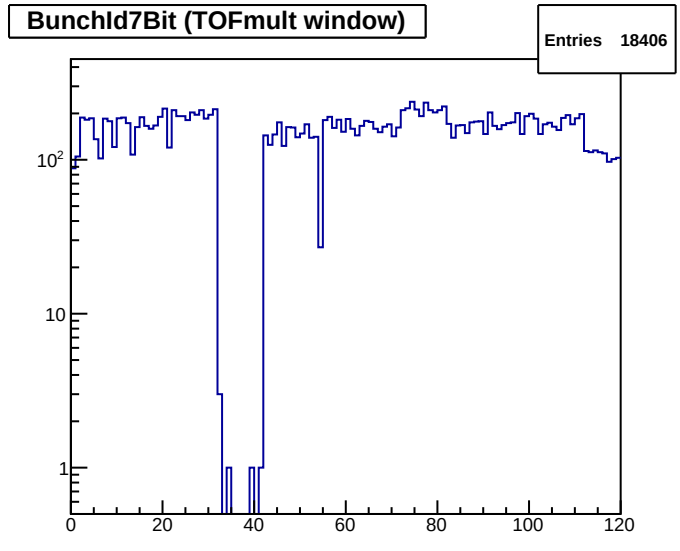

BunchId7Bit (VPD-TAC)
Entries 228070

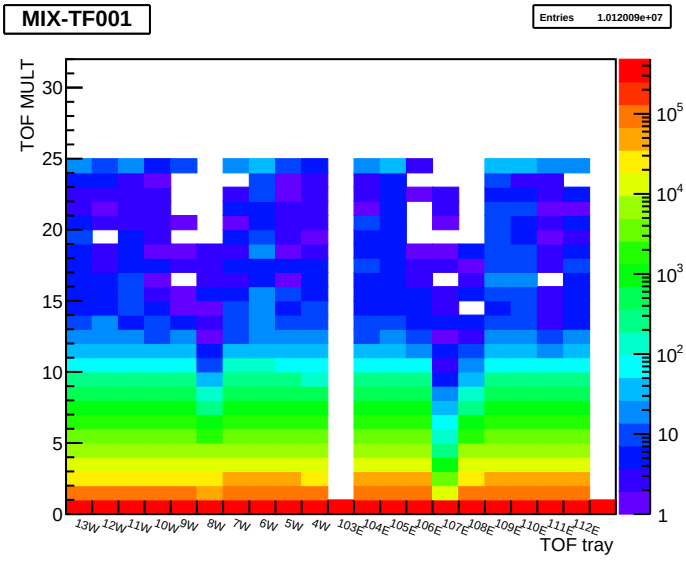

BunchId7Bit (ZDC-TAC)
Entries 565

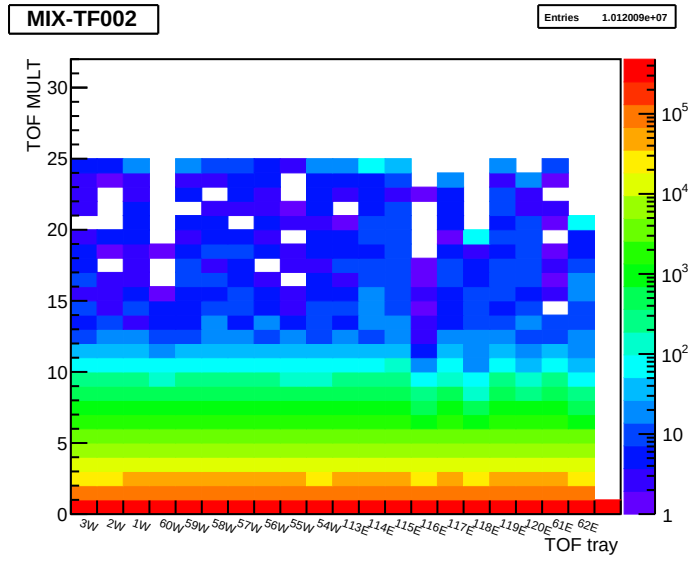

BunchId7Bit (EPD-TAC)
Entries 318263

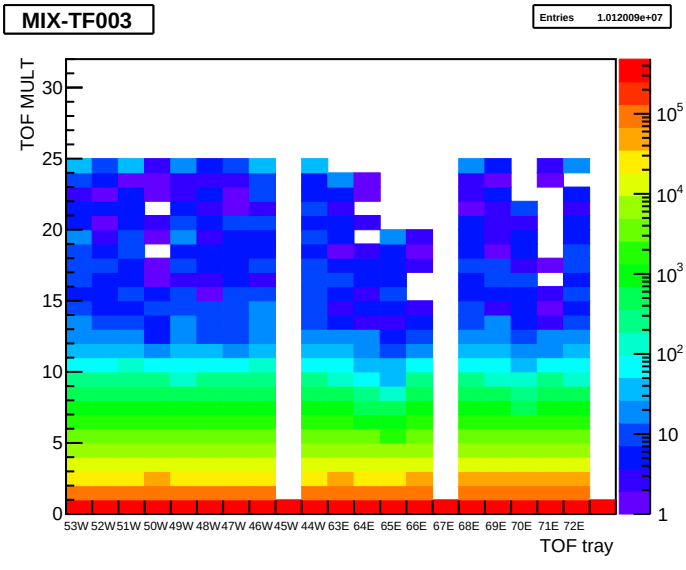

BunchId7Bit (BBC-TAC)
Entries 108347

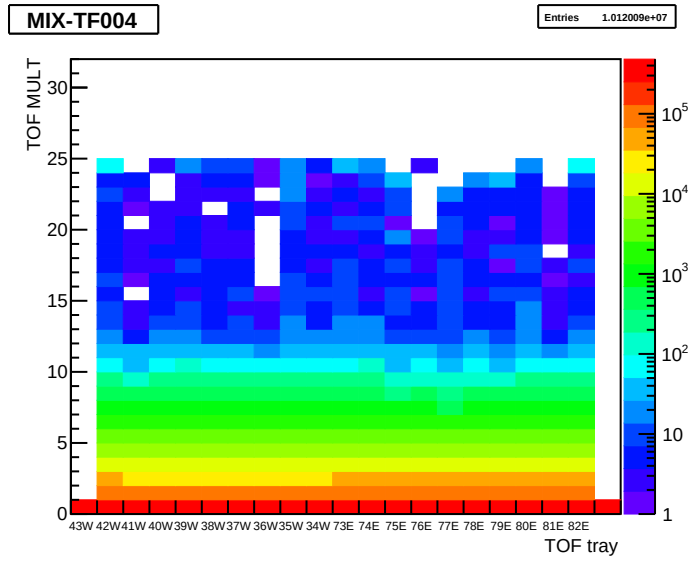

BunchId7Bit (Laser)
Entries 0

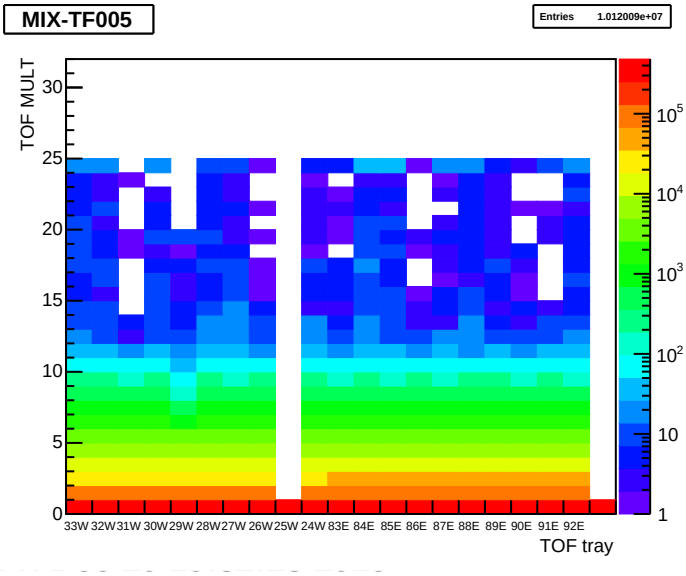

BunchId7Bit (TOFmult window)
Entries 18406

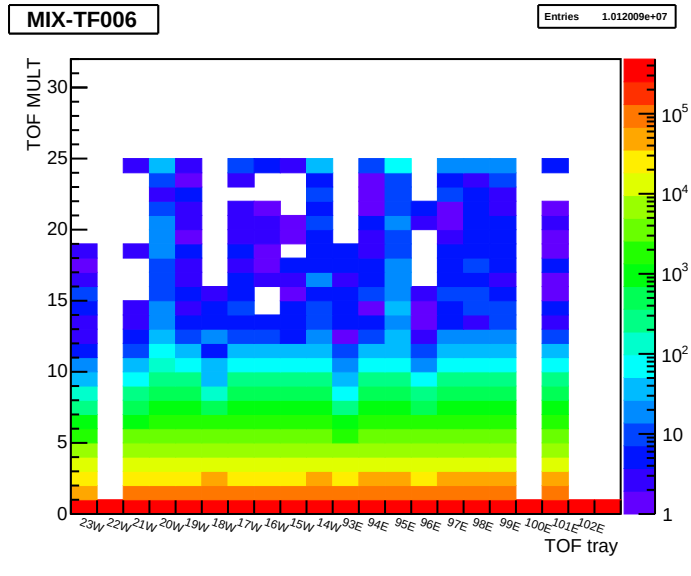

MIX-TF001
Entries 1.012009e+07
TOF MULT
TOF tray

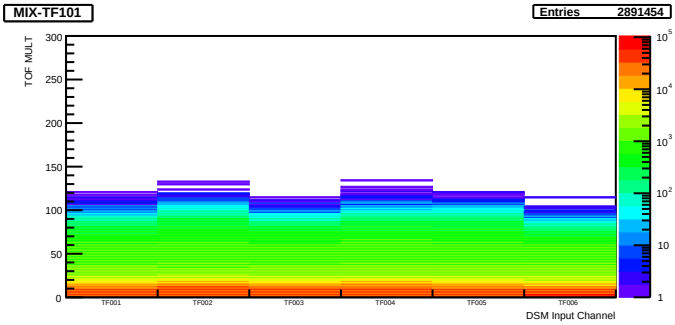

MIX-TF002
Entries 1.012009e+07
TOF MULT
TOF tray

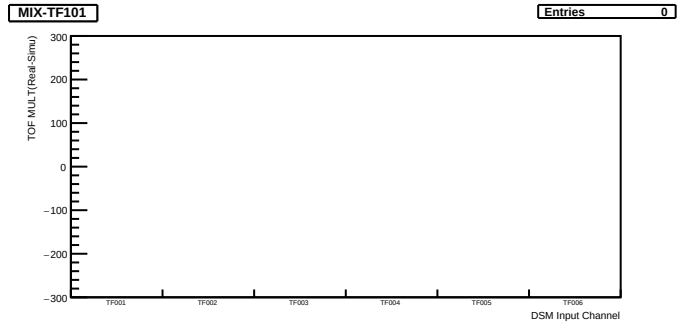

MIX-TF003
Entries 1.012009e+07
TOF MULT
TOF tray

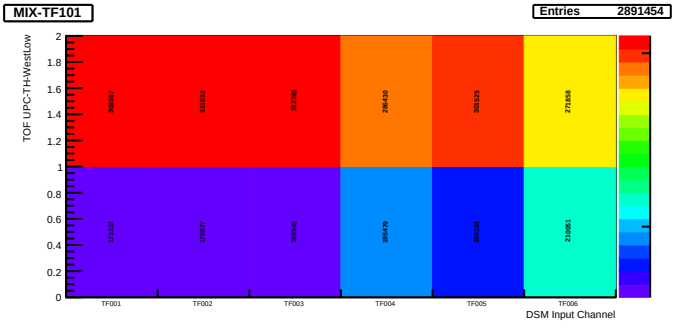

MIX-TF004
Entries 1.012009e+07
TOF MULT
TOF tray

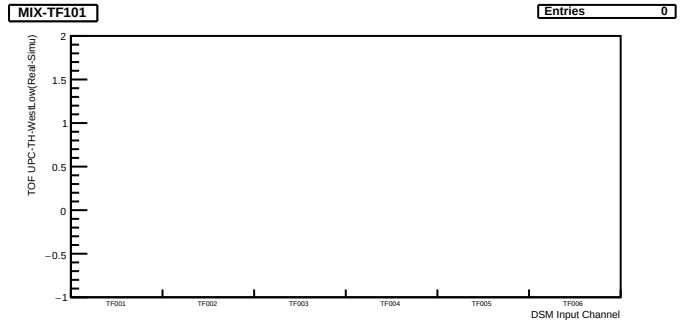

MIX-TF005
Entries 1.012009e+07
TOF MULT
TOF tray

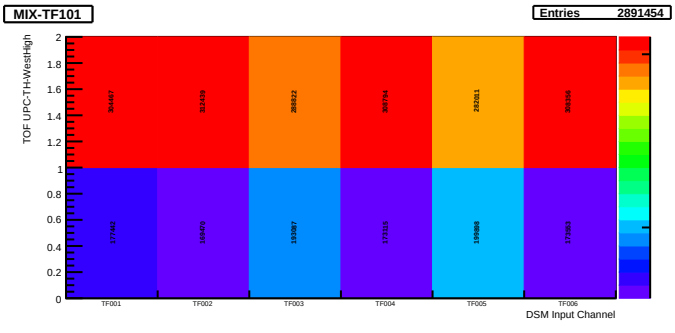

MIX-TF006
Entries 1.012009e+07
TOF MULT
TOF tray

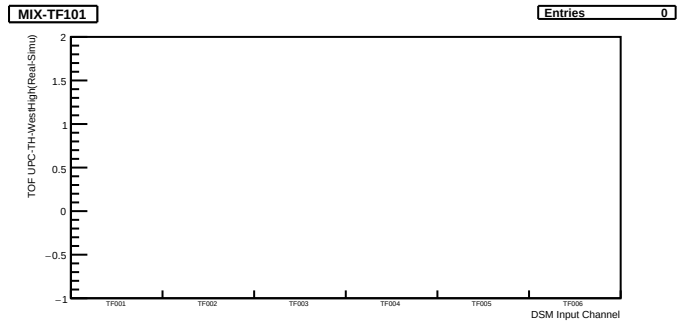

MIX-TF101
Entries 2891454
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

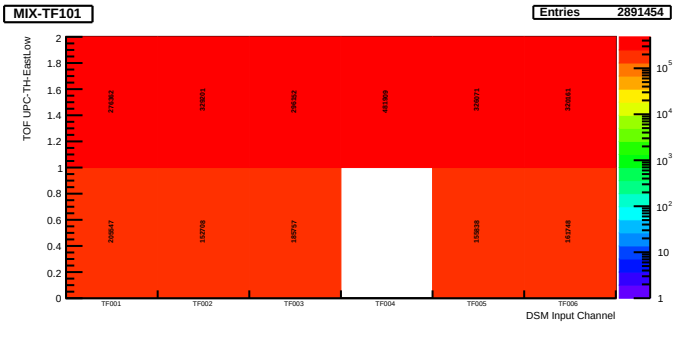

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

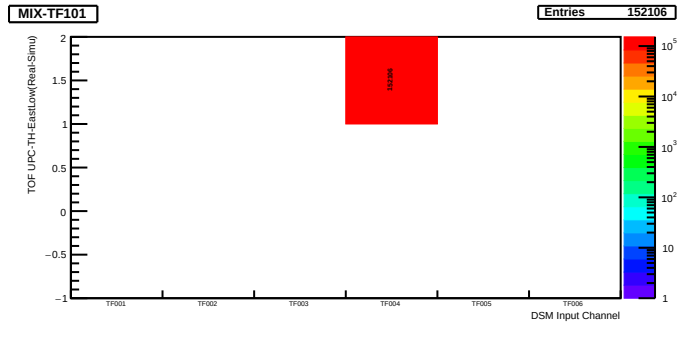

MIX-TF101
Entries 2891454
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

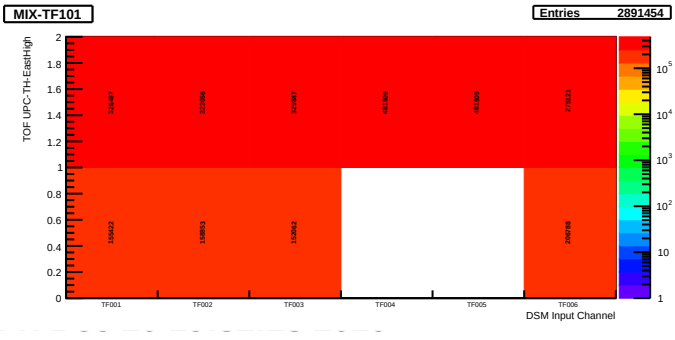

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

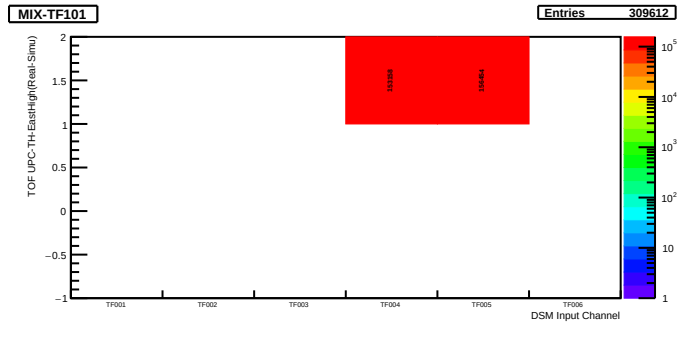

MIX-TF101
Entries 2891454
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

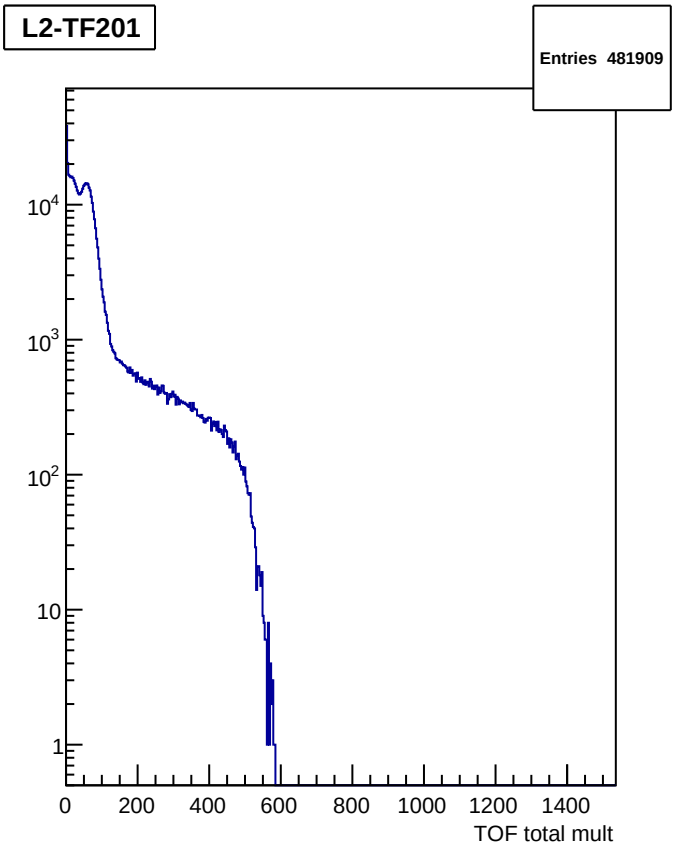

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

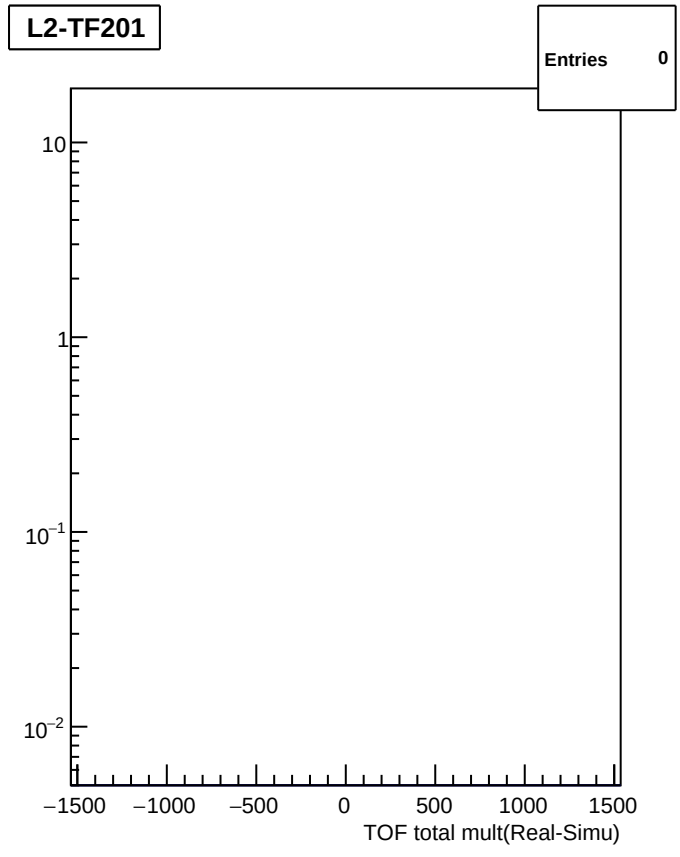

MIX-TF101
Entries 2891454
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

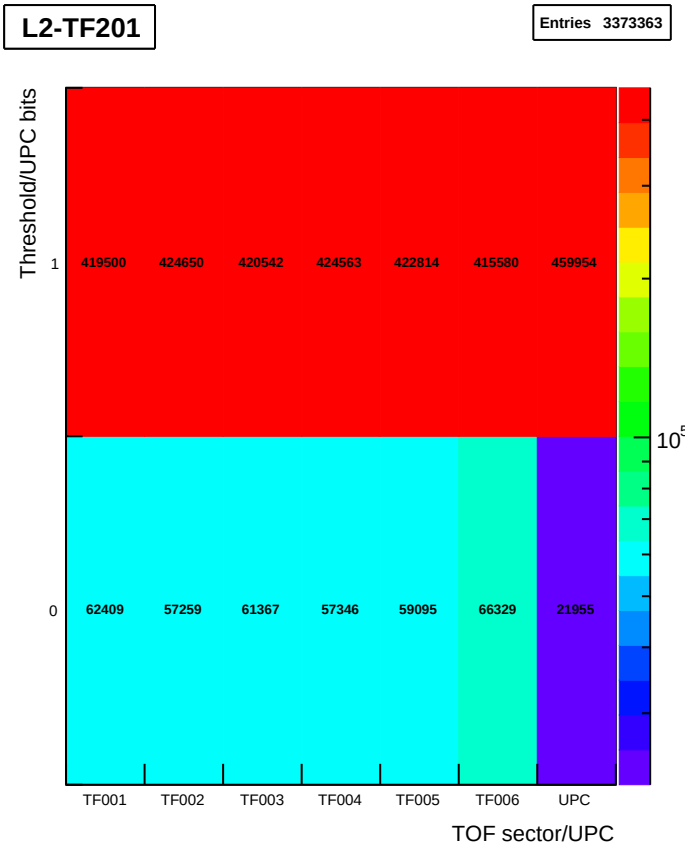

MIX-TF101
Entries 152106
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

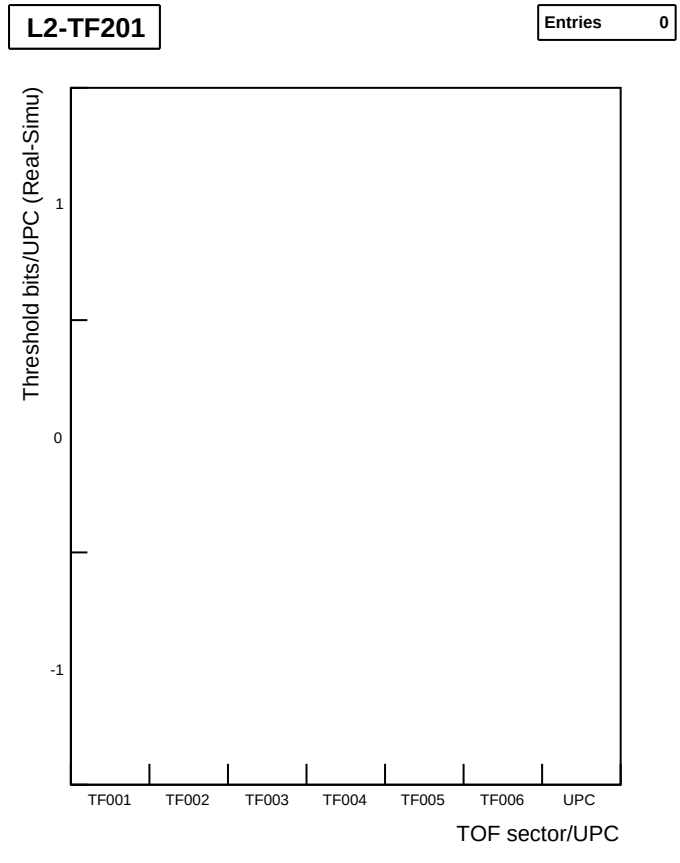

MIX-TF101
Entries 2891454
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

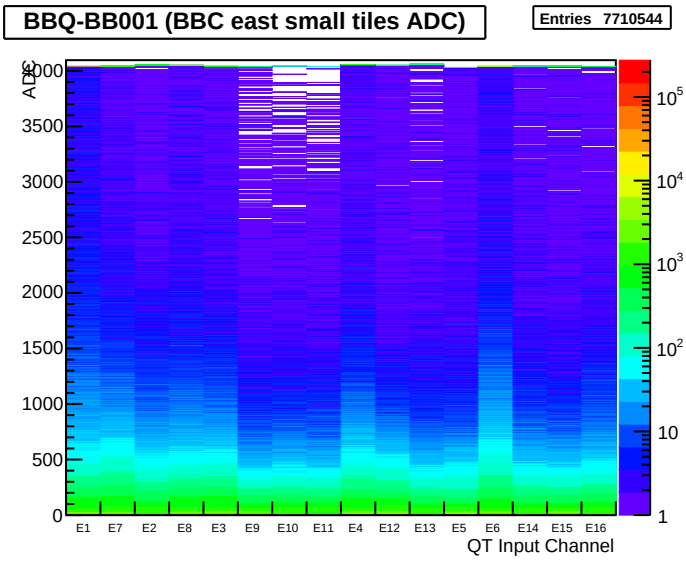

MIX-TF101
Entries 309612
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

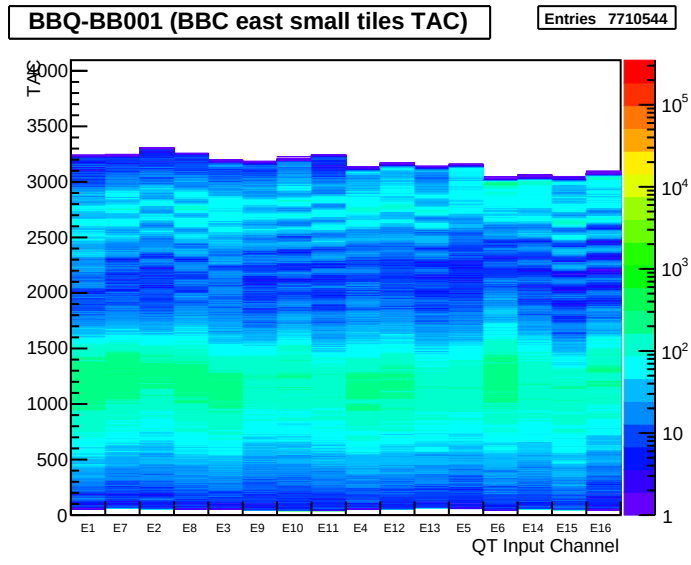

L2-TF201
Entries 481909
TOF total mult

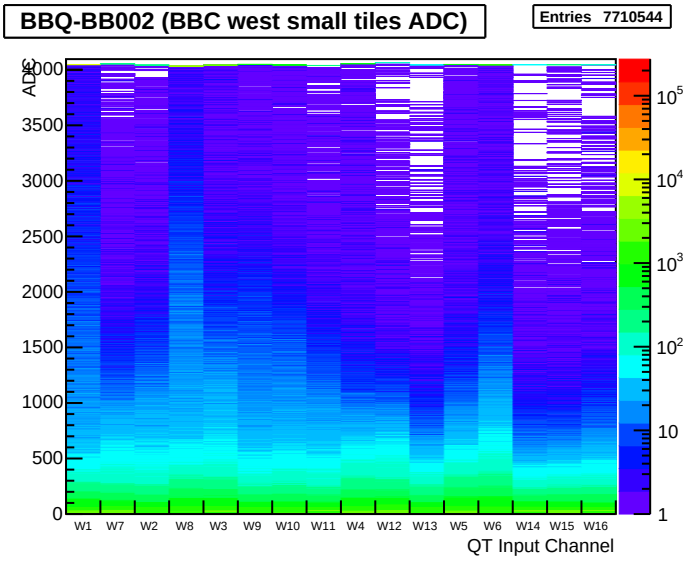

L2-TF201
Entries 0
TOF total mult(Real-Simu)

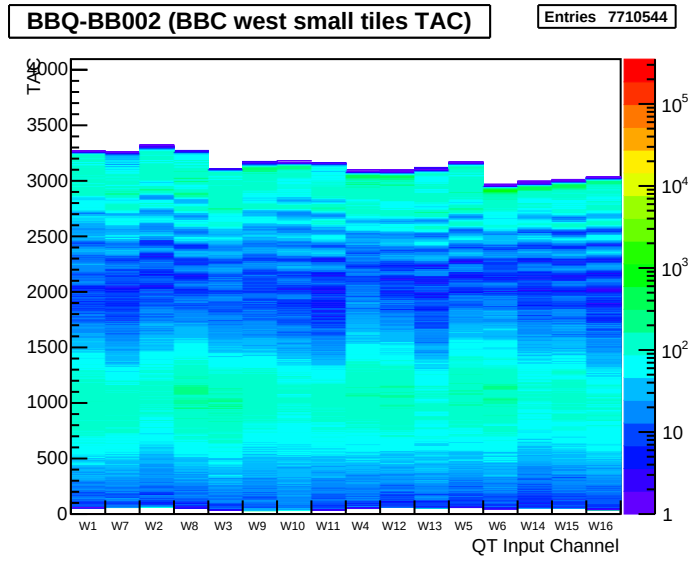

L2-TF201
Entries 3373363
Threshold/UPC bits
419500
424650
420542
424563
422814
415580
459954
62409
57259
61367
57346
59095
66329
21955
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

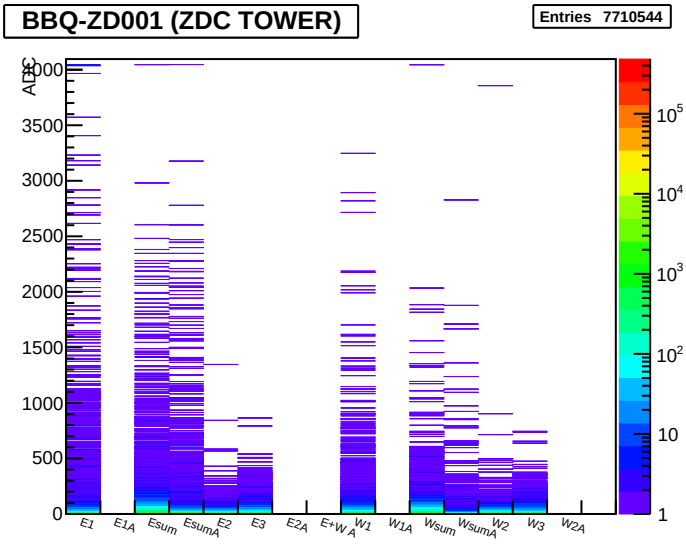

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

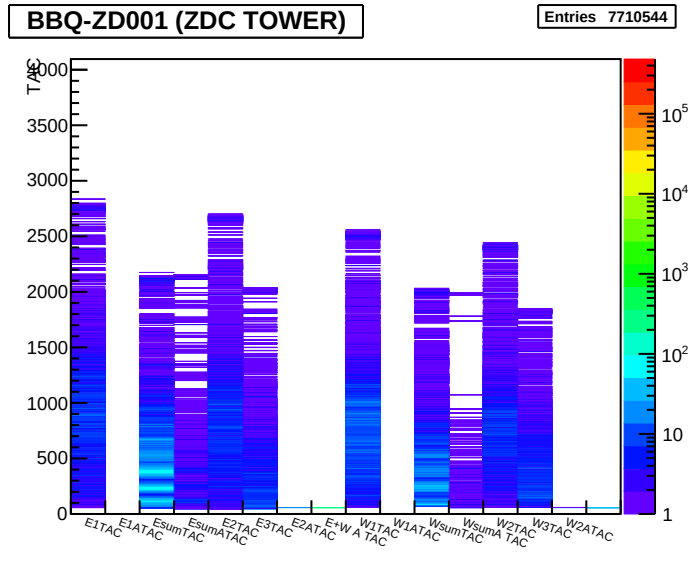

BBQ-BB001 (BBC east small tiles ADC)
Entries 7710544
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

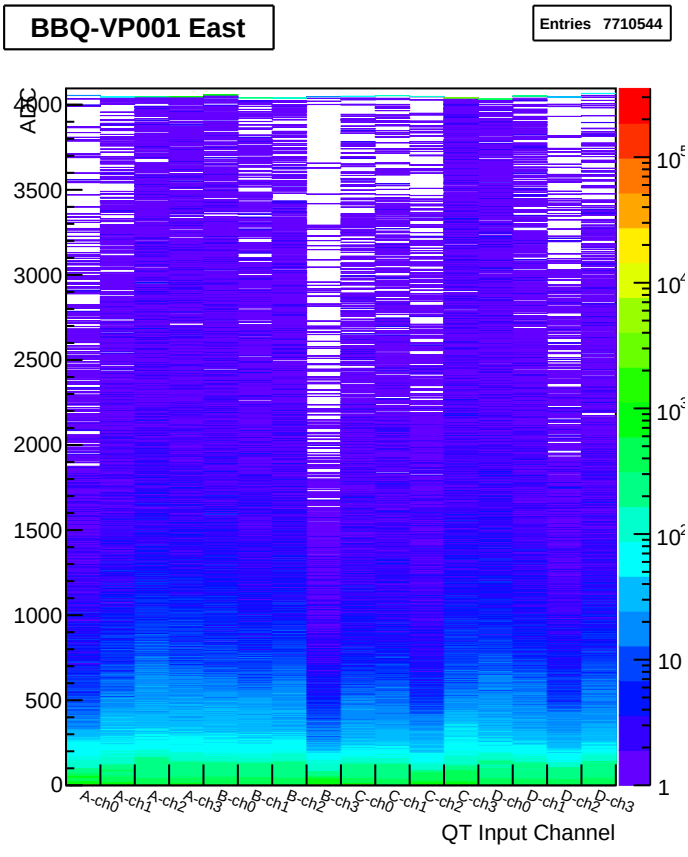

BBQ-BB001 (BBC east small tiles TAC)
Entries 7710544
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

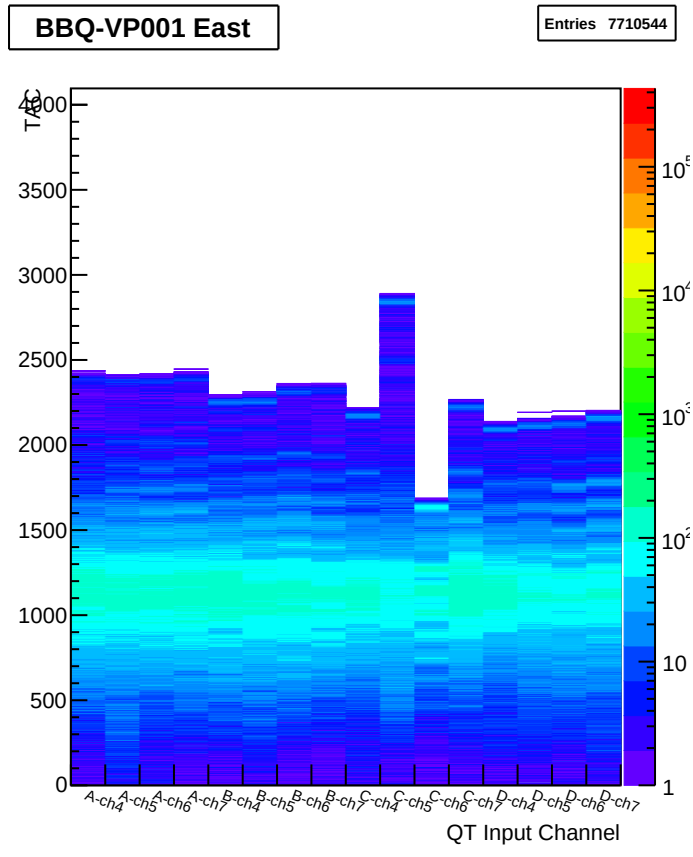

BBQ-BB002 (BBC west small tiles ADC)
Entries 7710544
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

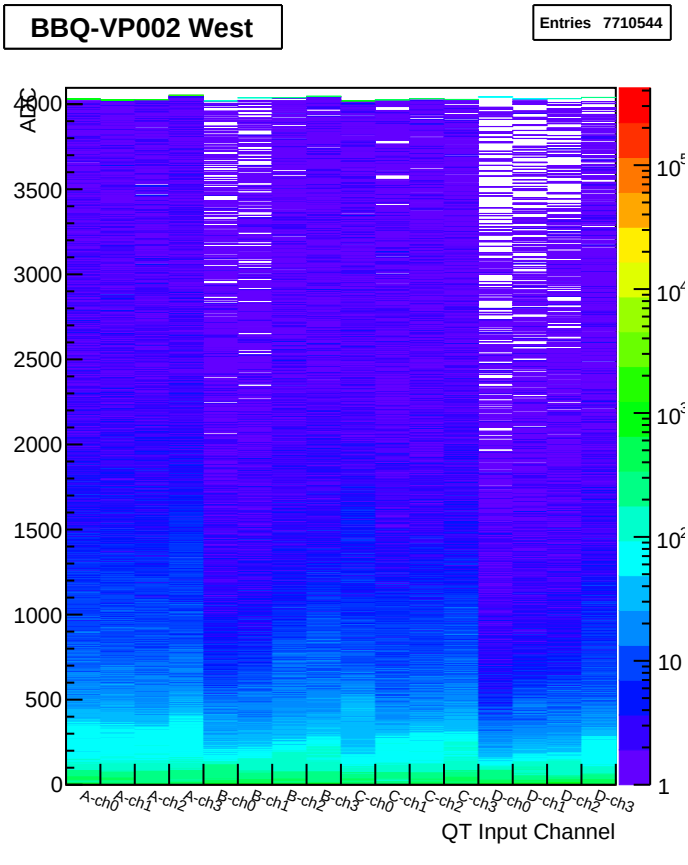

BBQ-BB002 (BBC west small tiles TAC)
Entries 7710544
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

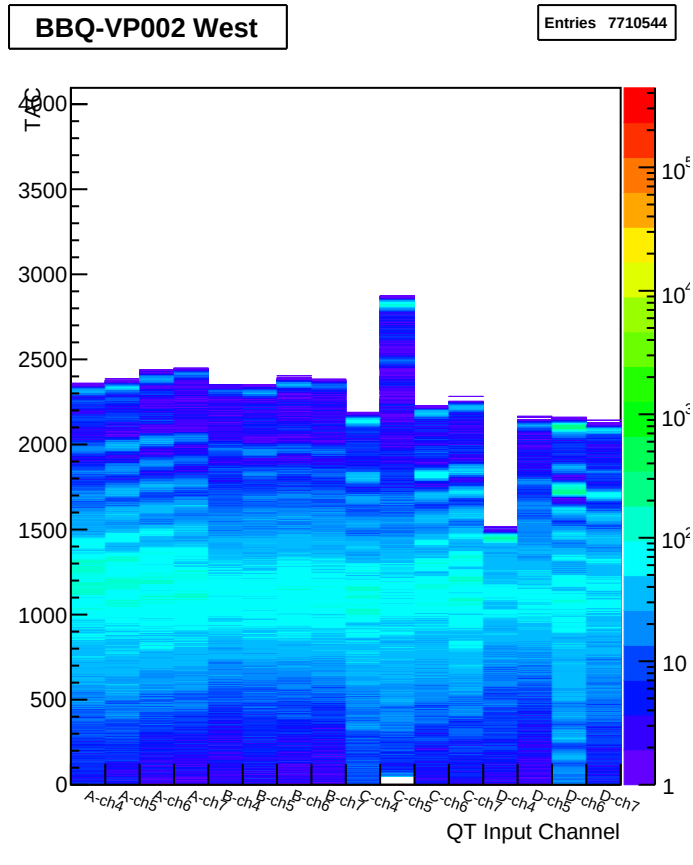

BBQ-ZD001 (ZDC TOWER)
Entries 7710544
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

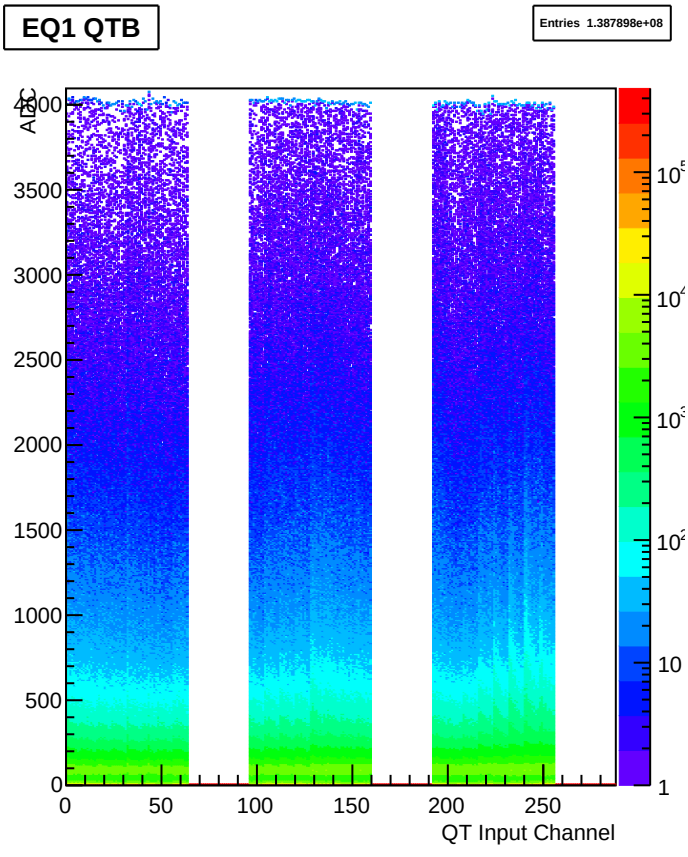

BBQ-ZD001 (ZDC TOWER)
Entries 7710544
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

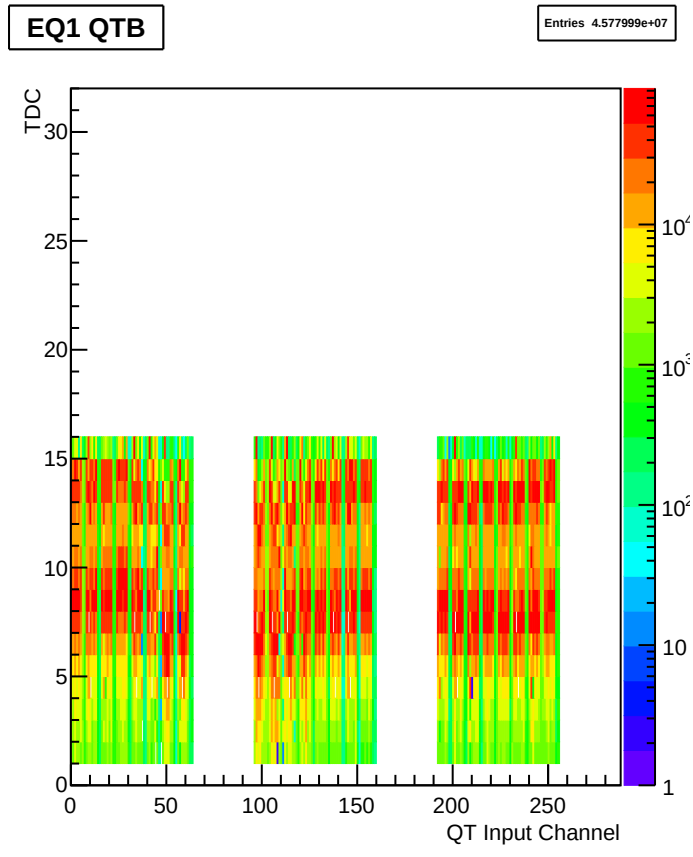

BBQ-VP001 East
Entries 7710544
ADC
QT Input Channel

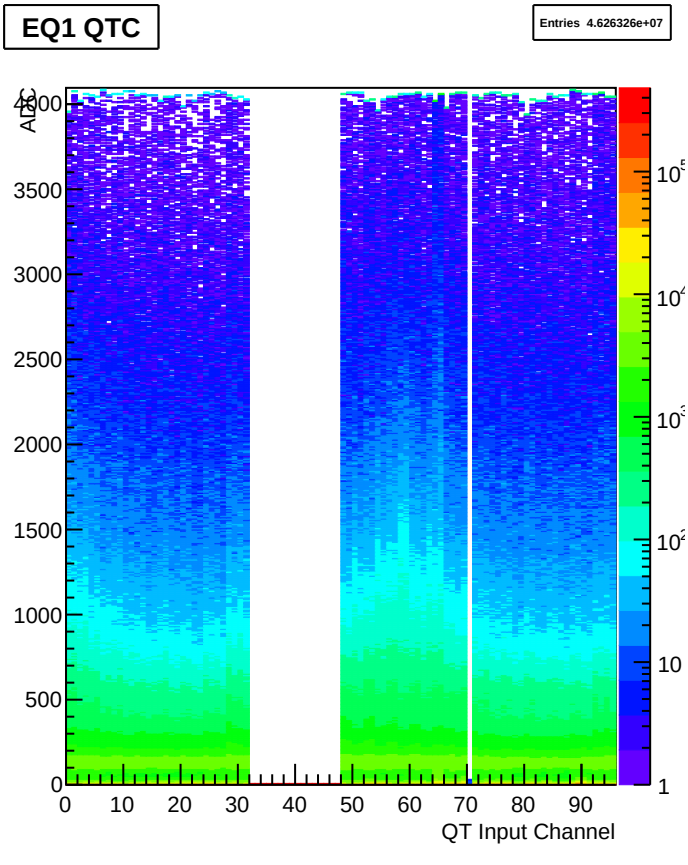

BBQ-VP001 East
Entries 7710544
TAC
QT Input Channel

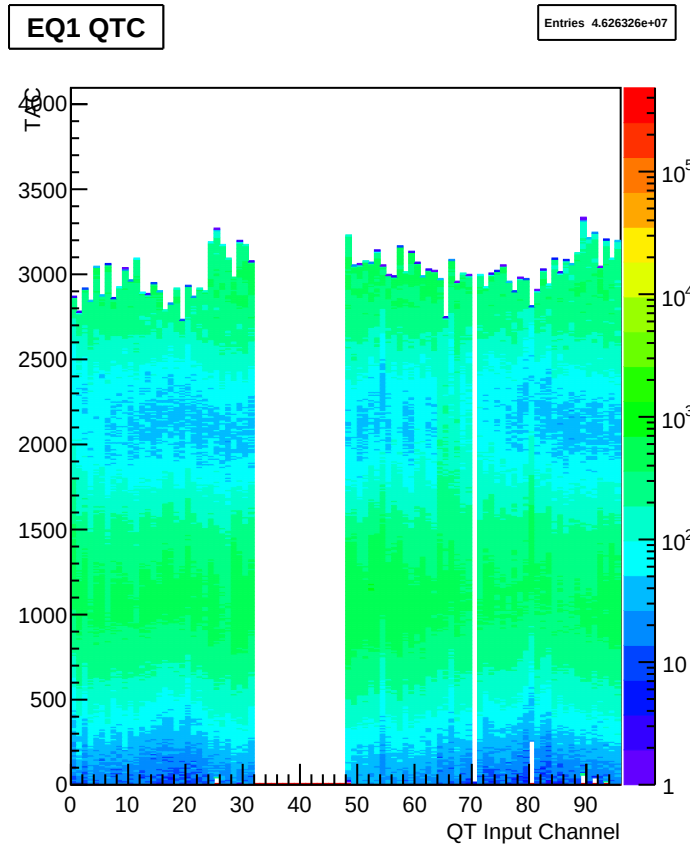

BBQ-VP002 West
Entries 7710544
ADC
QT Input Channel

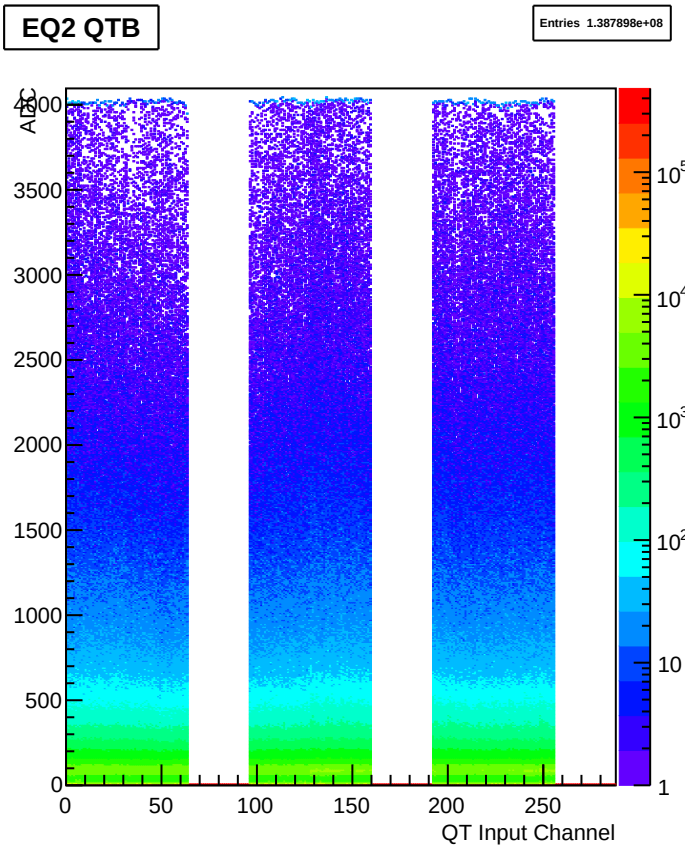

BBQ-VP002 West
Entries 7710544
TAC
QT Input Channel

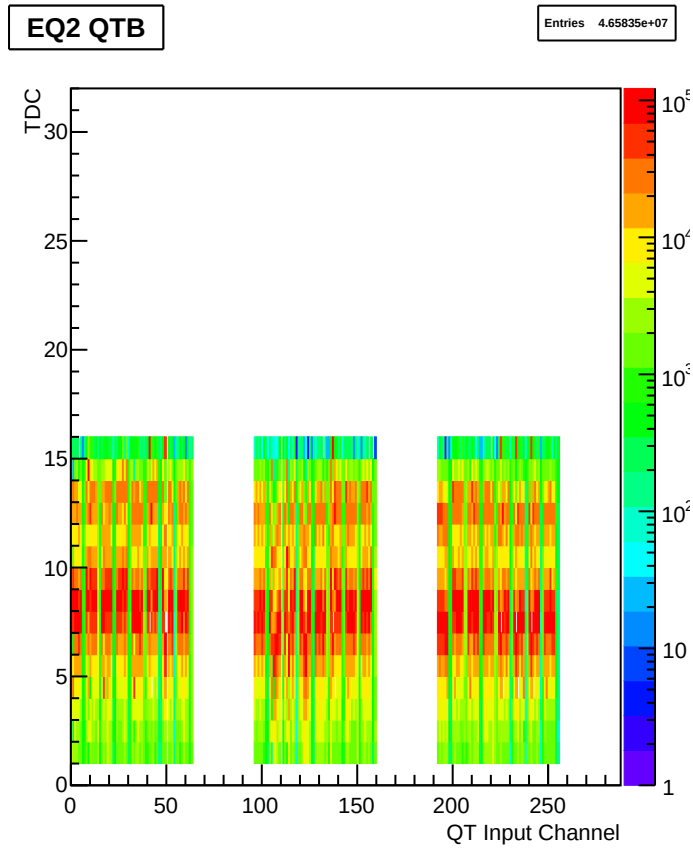

EQ1 QTB
Entries 1.387898e+08
ADC
QT Input Channel

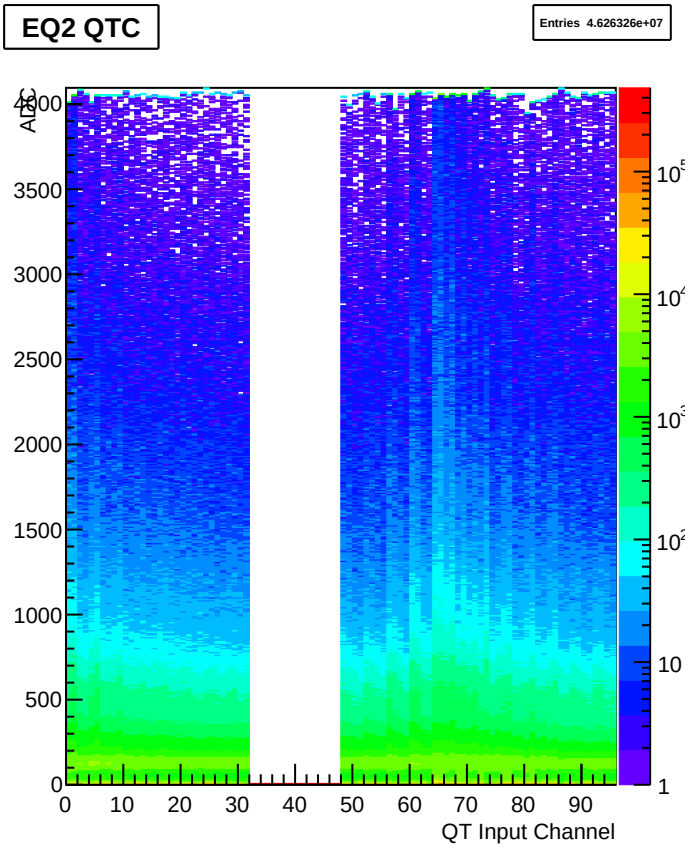

EQ1 QTB
Entries 4.577999e+07
TDC
QT Input Channel

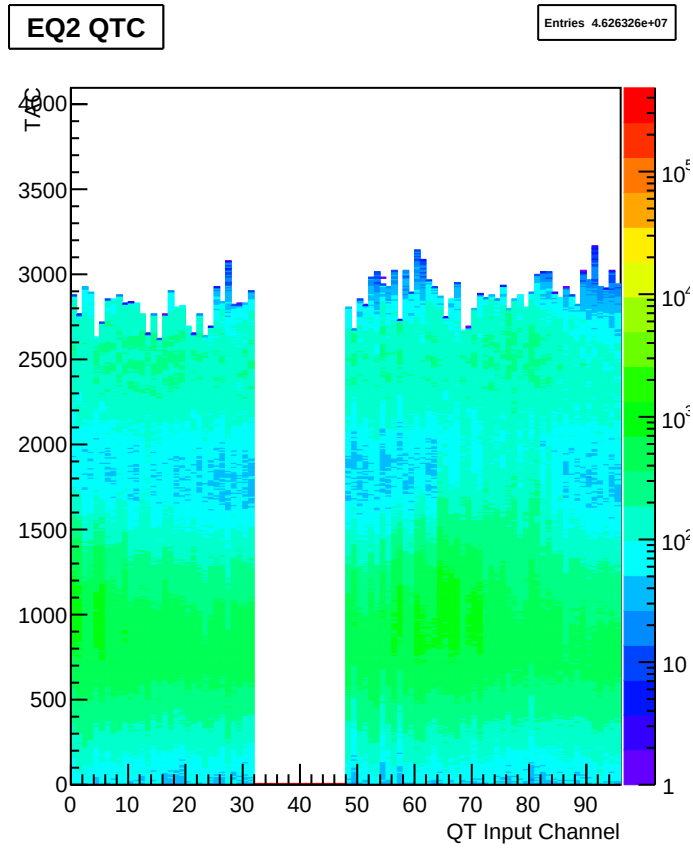

EQ1 QTC
Entries 4.626326e+07
ADC
QT Input Channel

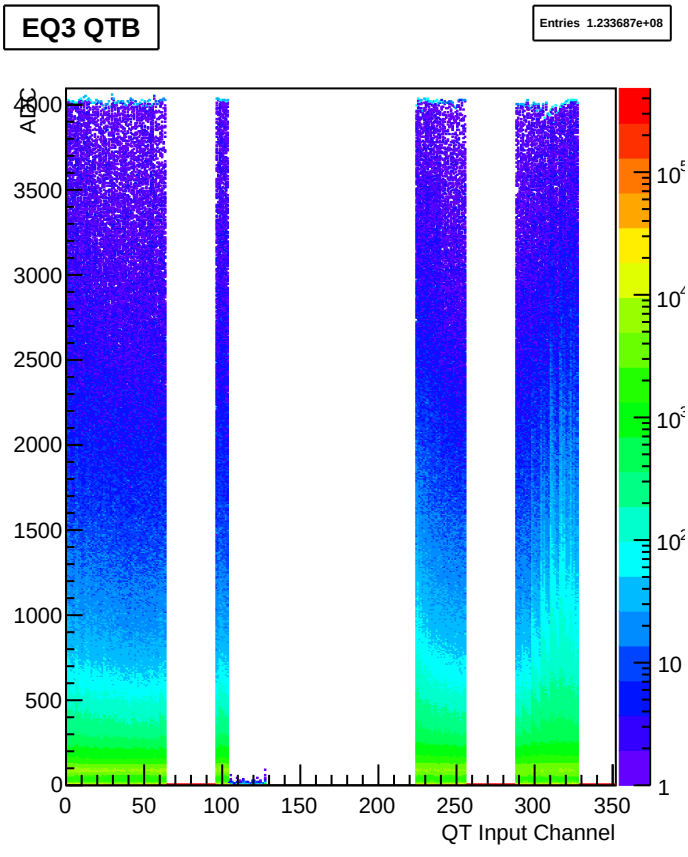

EQ1 QTC
Entries 4.626326e+07
TADC
QT Input Channel

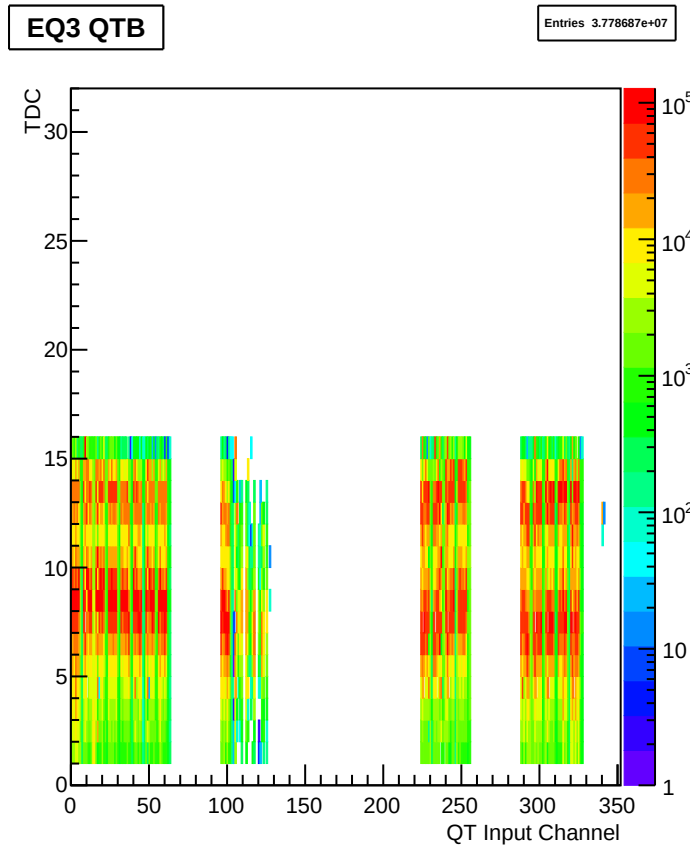

EQ2 QTB
Entries 1.387898e+08
ADC
QT Input Channel

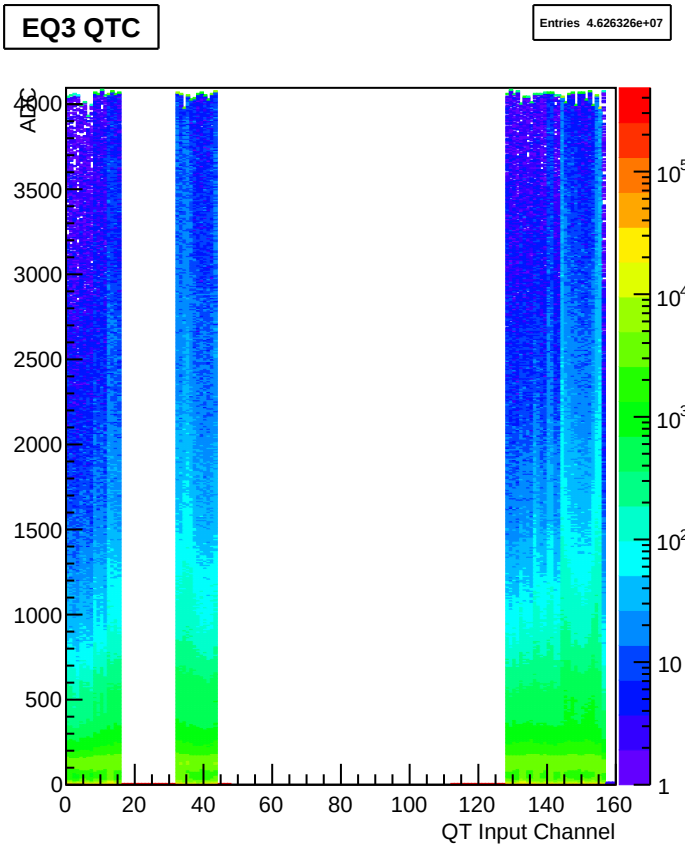

EQ2 QTB
Entries 4.65835e+07
TDC
QT Input Channel

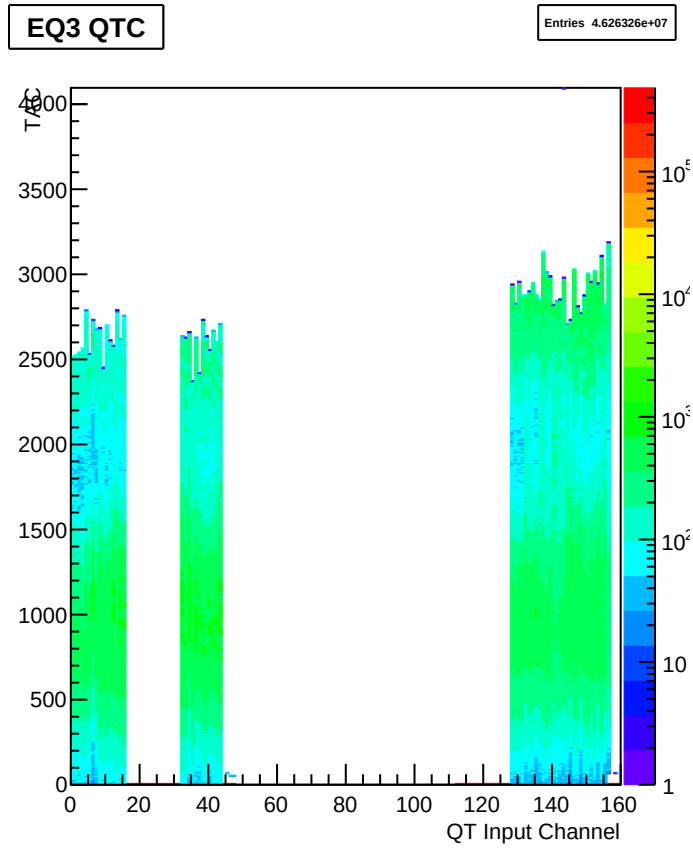

EQ2 QTC
Entries 4.626326e+07
ADC
QT Input Channel

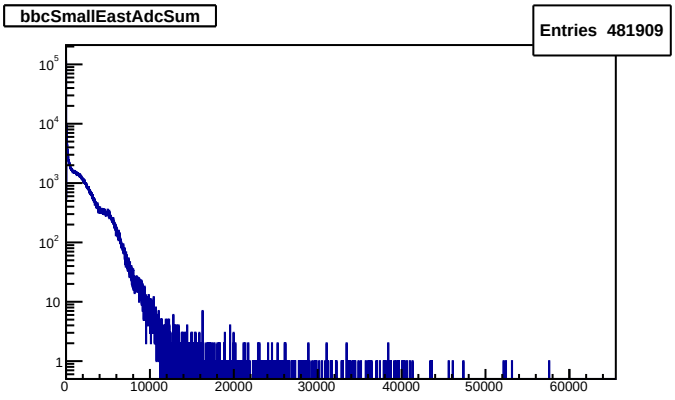

EQ2 QTC
Entries 4.626326e+07
TADC
QT Input Channel

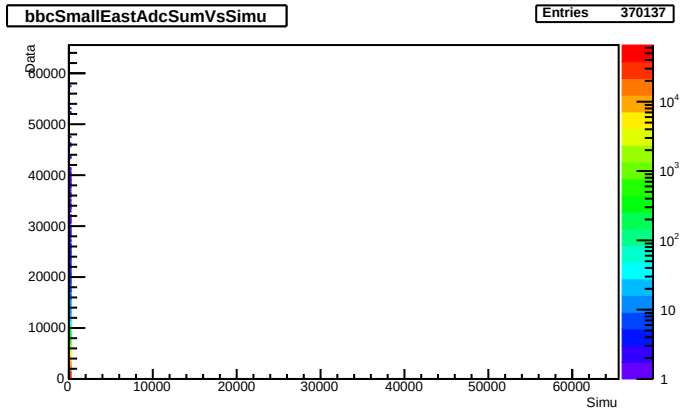

EQ3 QTB
Entries 1.233687e+08
ADC
QT Input Channel

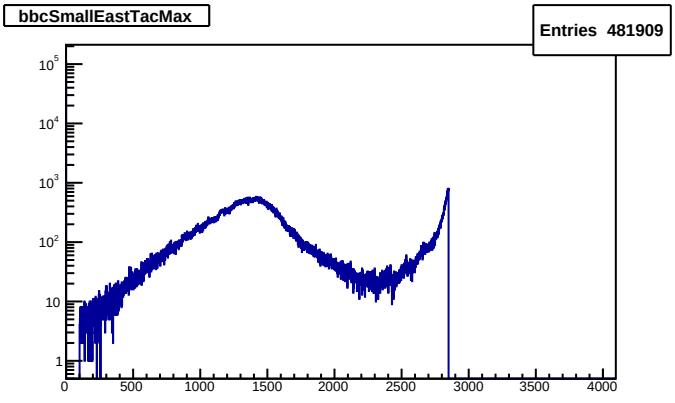

EQ3 QTB
Entries 3.778687e+07
TDC
QT Input Channel

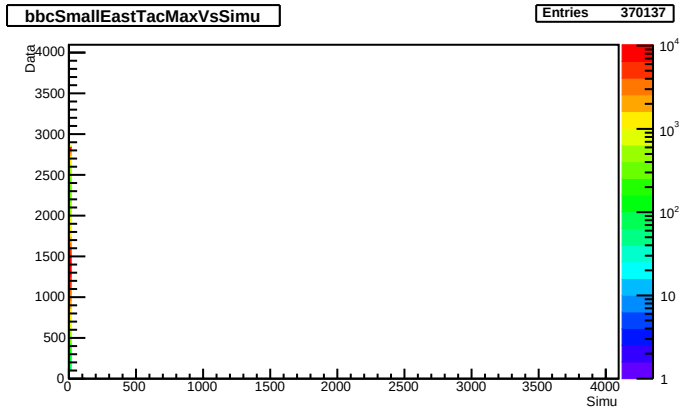

EQ3 QTC
Entries 4.626326e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.626326e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 481909


bbcSmallEastAdcSumVsSimu
Entries 370137
Data
Simu


bbcSmallEastTacMax
Entries 481909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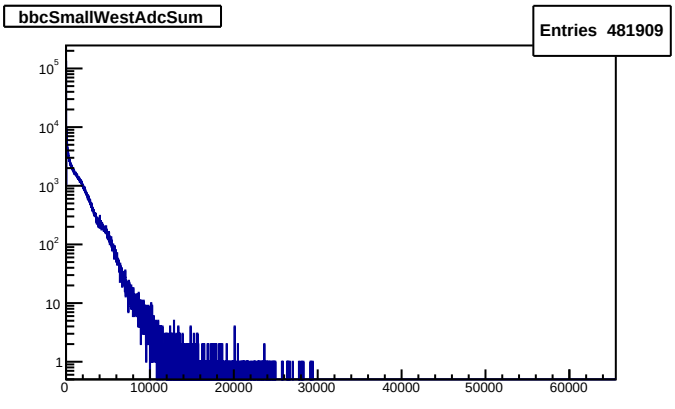
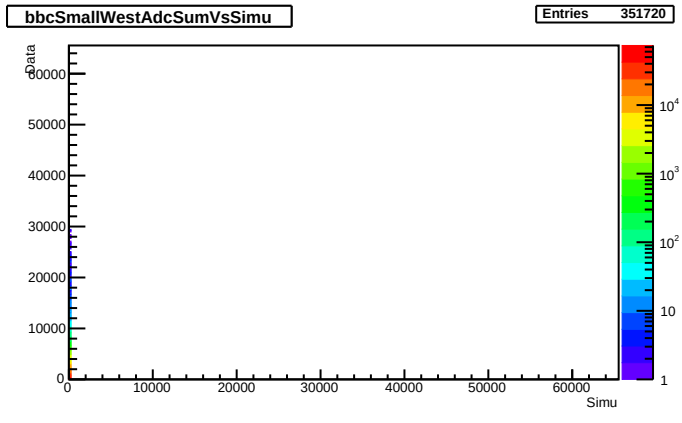
Entries 370137
Data
Simu


bbcSmallWestAdcSum
Entries 481909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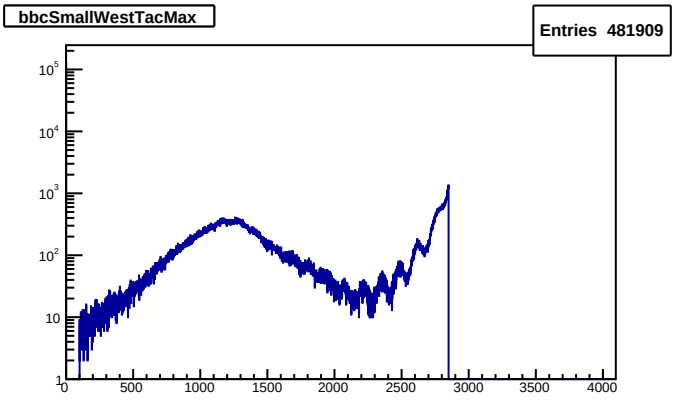
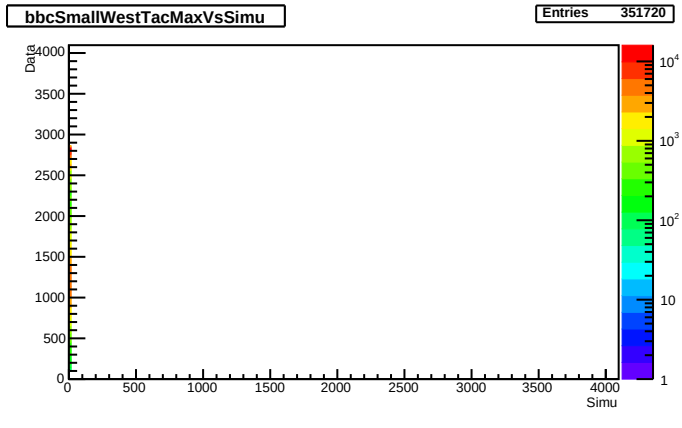
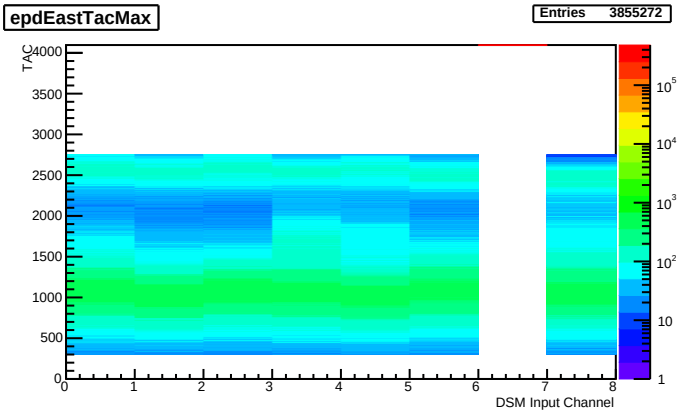
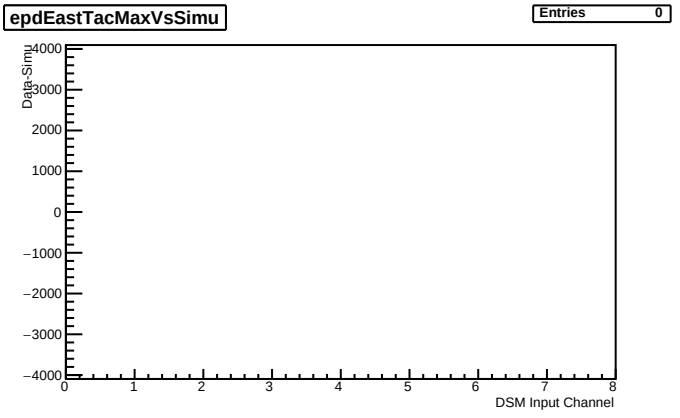
Entries 351720
Data
Simu


bbcSmallWestTacMax
Entries 481909


bbcSmallWestTacMaxVsSimu
Entries 351720
Data
Simu


epdEastTacMax
Entries 3855272
TAC
DSM Input Channel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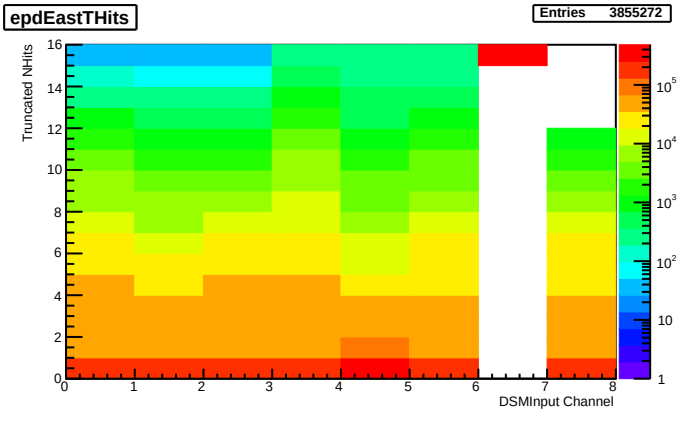
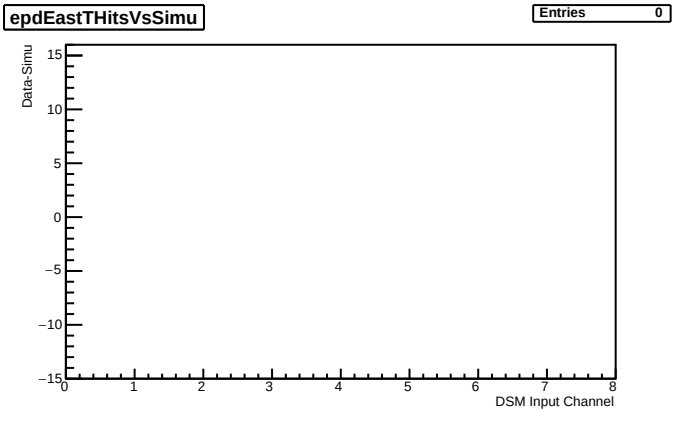
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3855272
Truncated NHits
DSMInput Channel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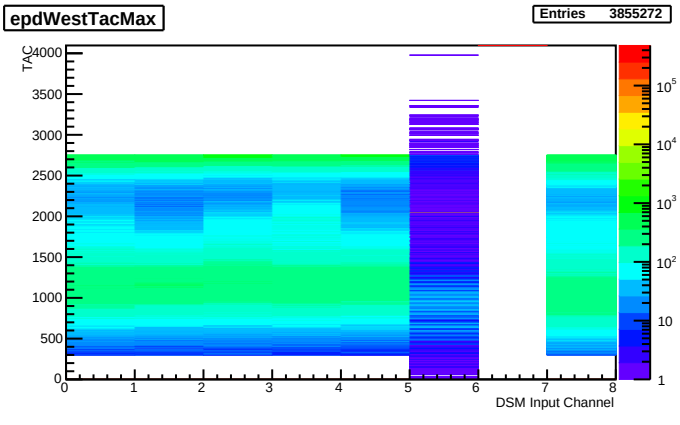
Entries 0
Data-Simu
DSM Input Channel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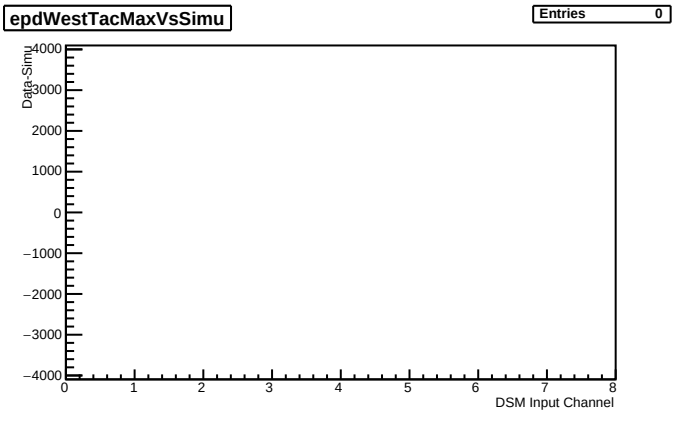
Entries 3855272
TAC
DSM Input Channel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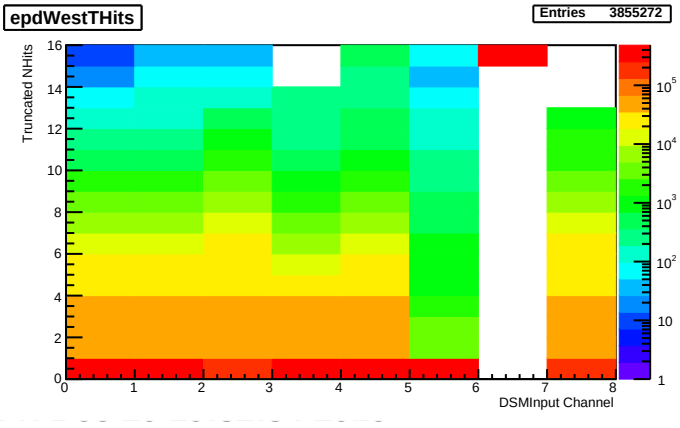
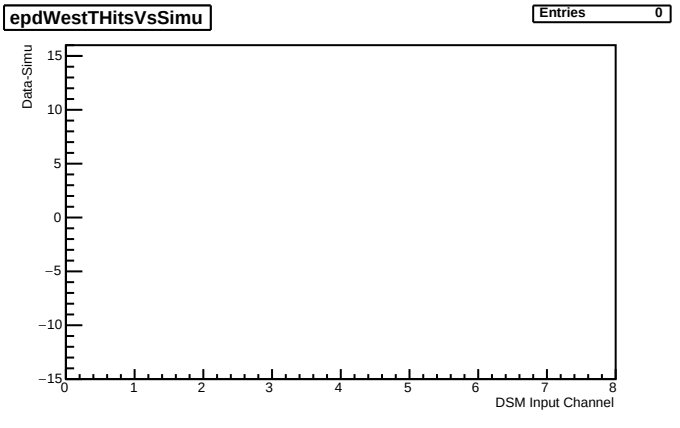
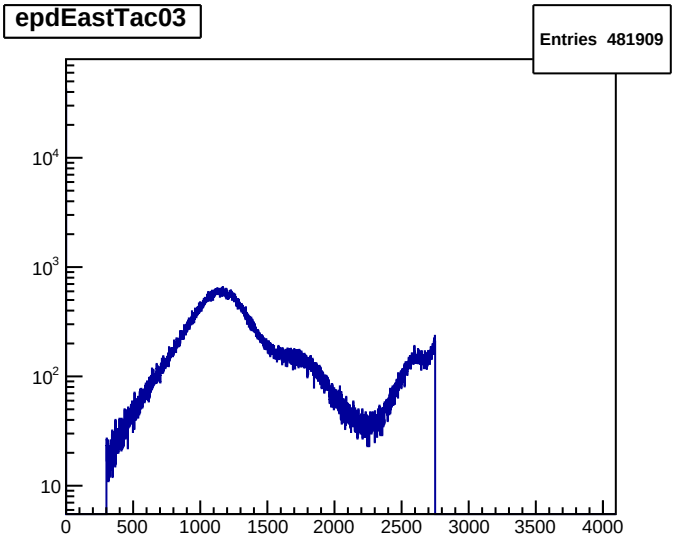
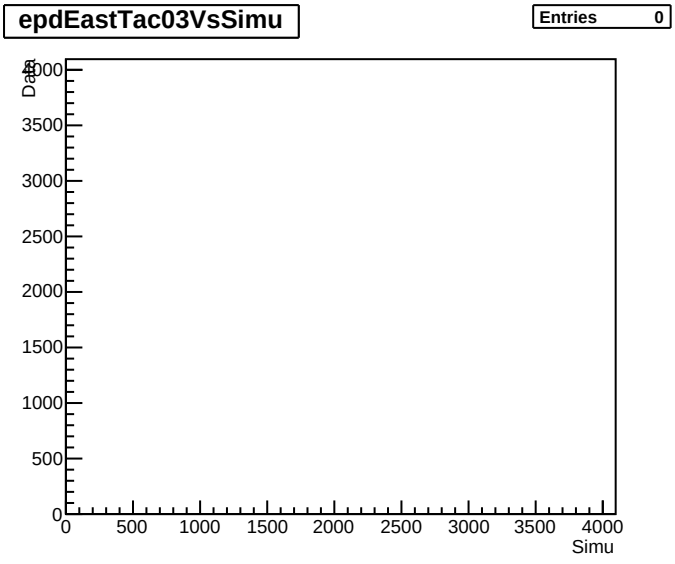
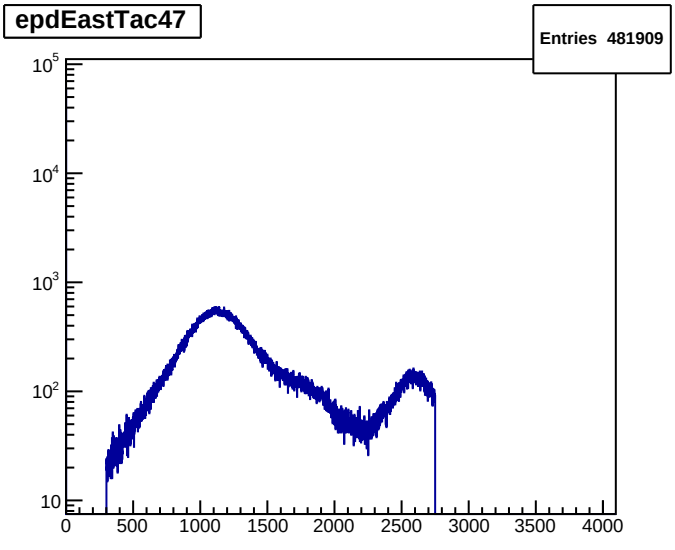
Entries 0
Data-Simu
DSM Input Channel

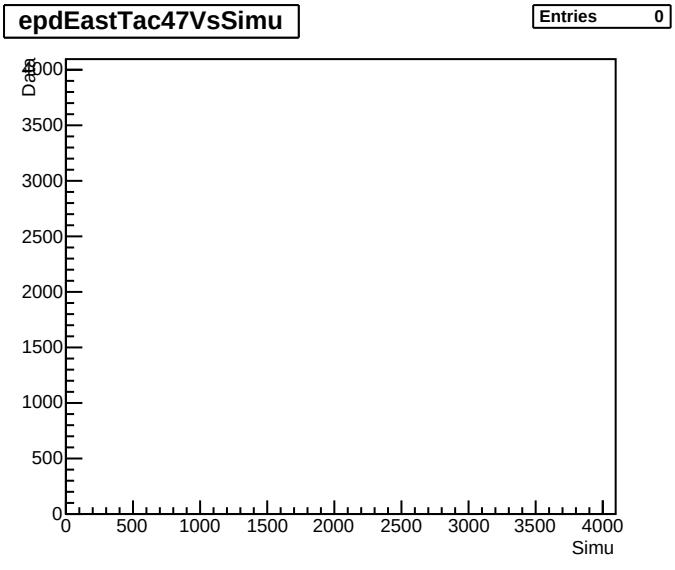

epdWestTHits
Entries 3855272
Truncated NHits
DSMInput Channel

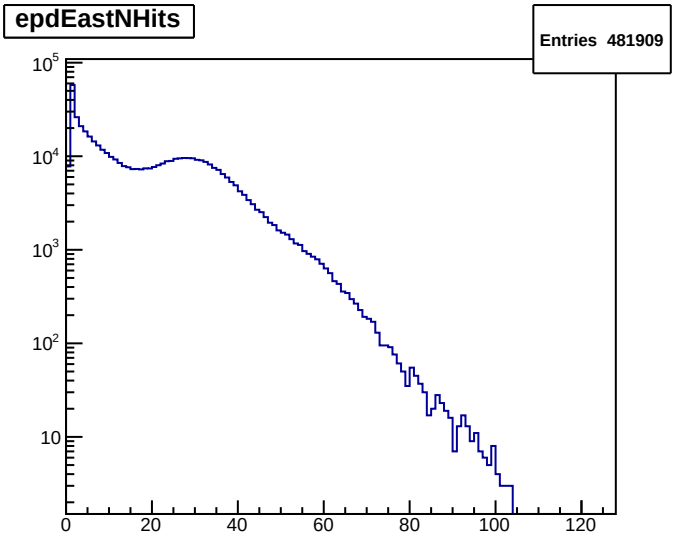

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

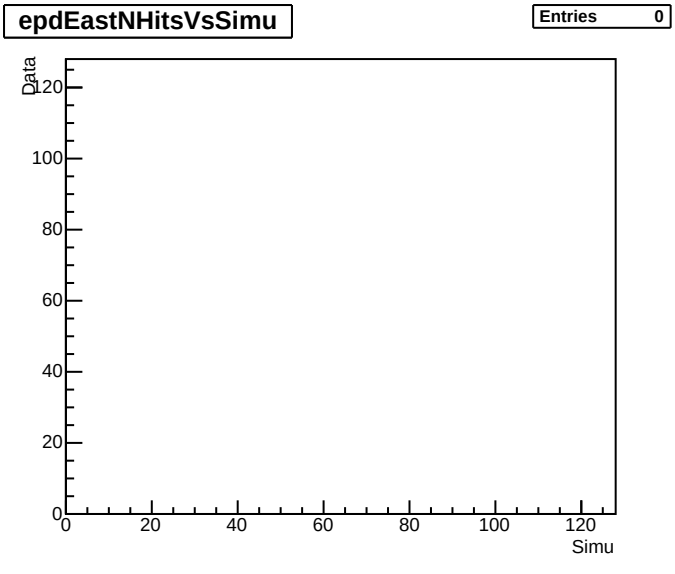

epdEastTac03
Entries 481909


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 481909


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 481909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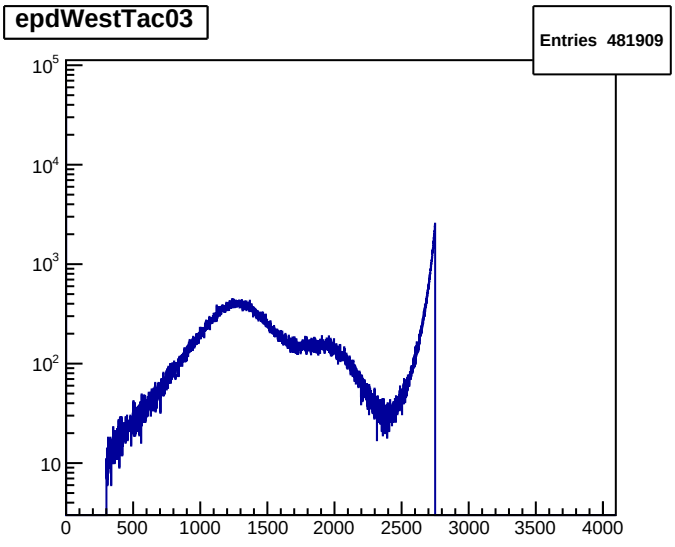
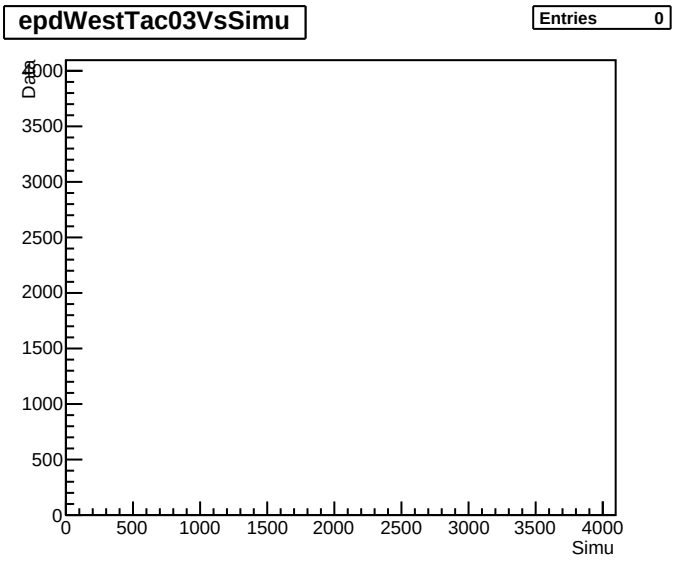
Entries 0
Data
Simu


epdWestTac03
Entries 481909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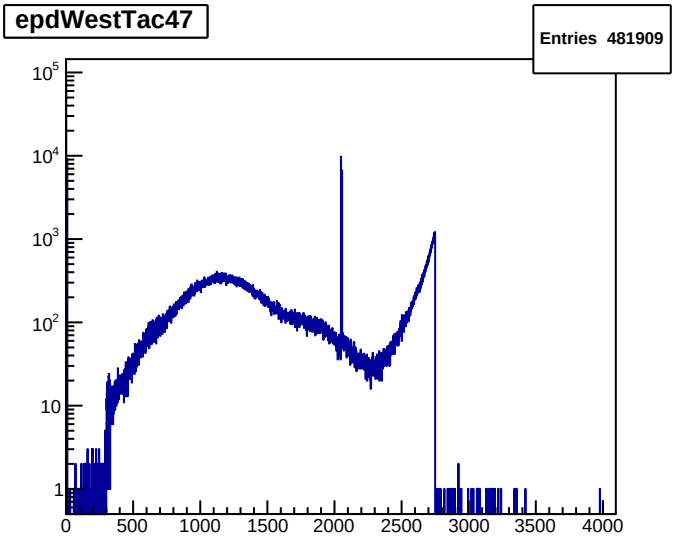
Entries 0
Data
Simu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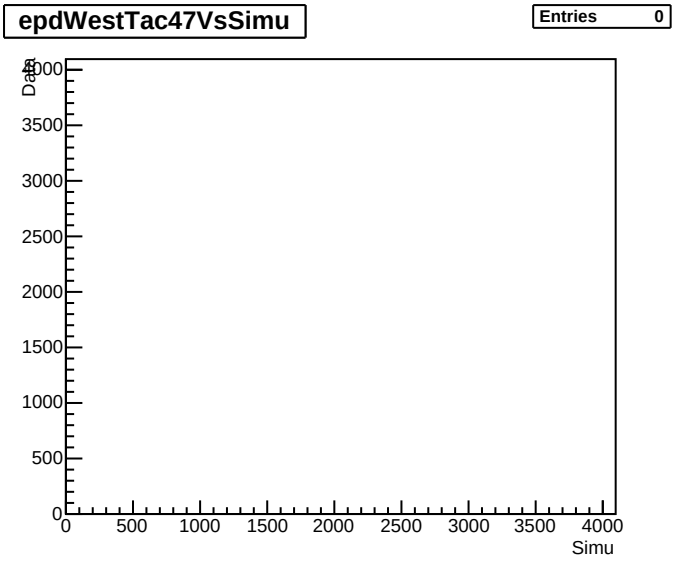
Entries 481909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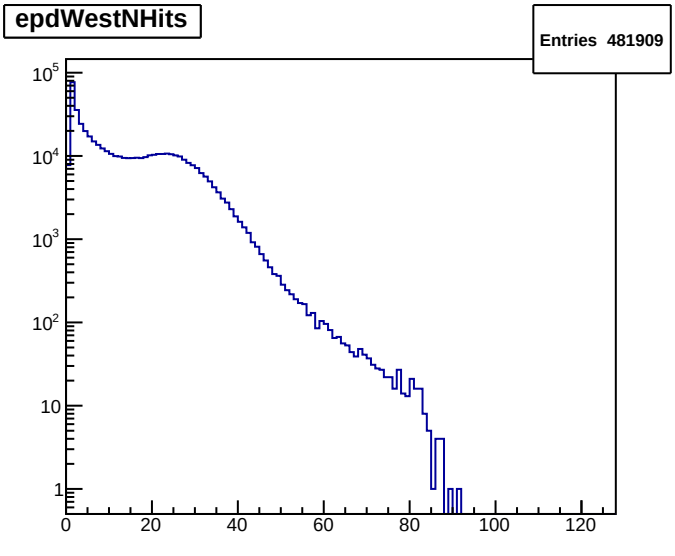
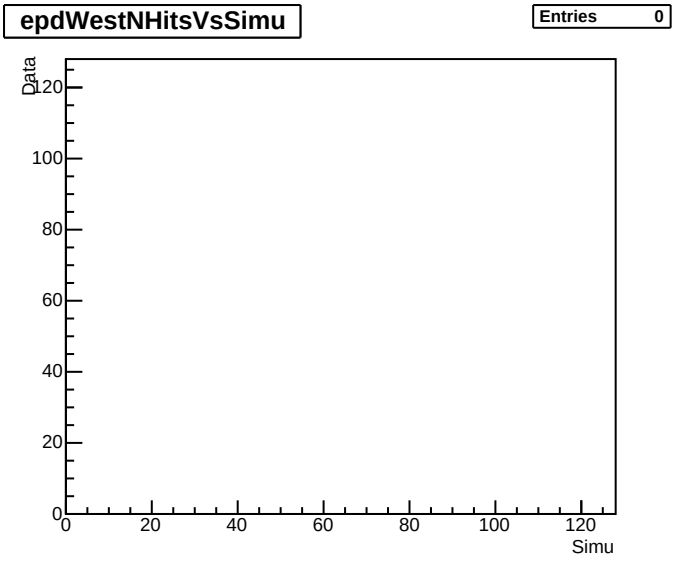
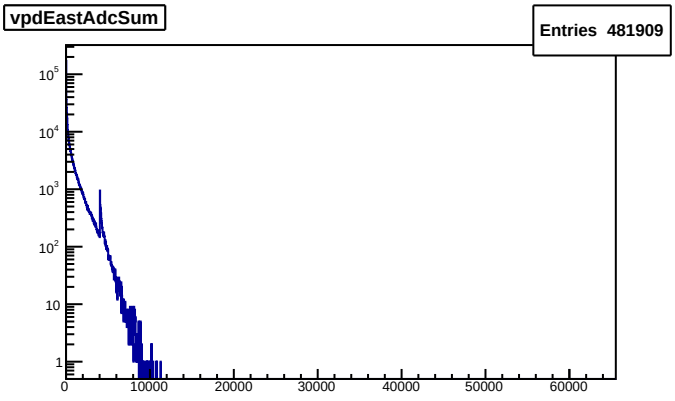
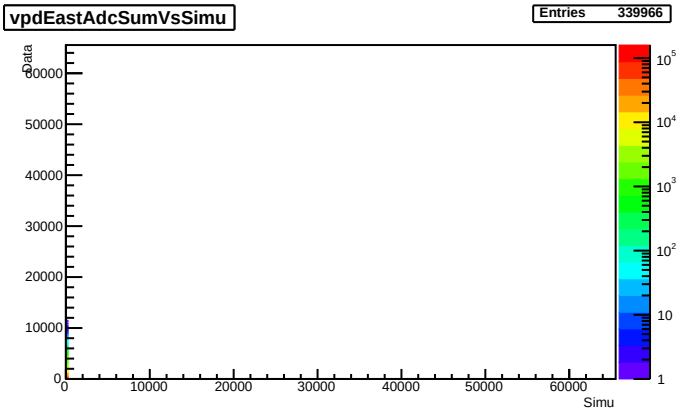
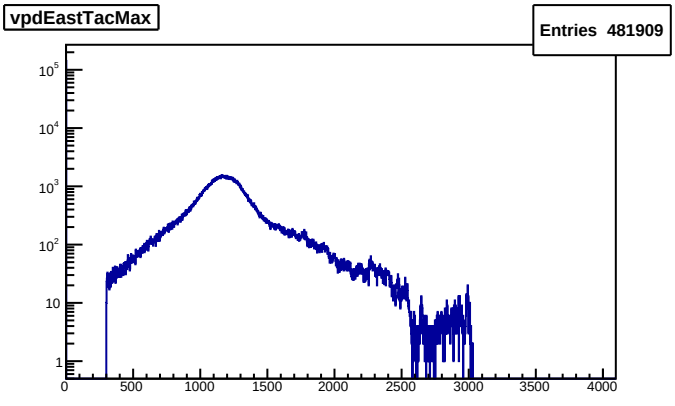
Entries 0
Data
Simu

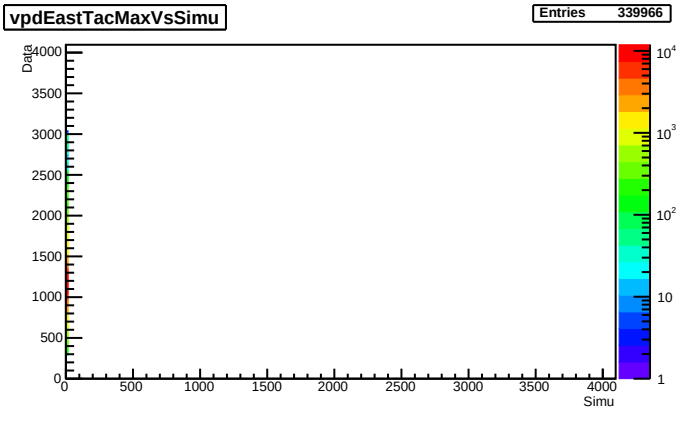

epdWestNHits
Entries 481909

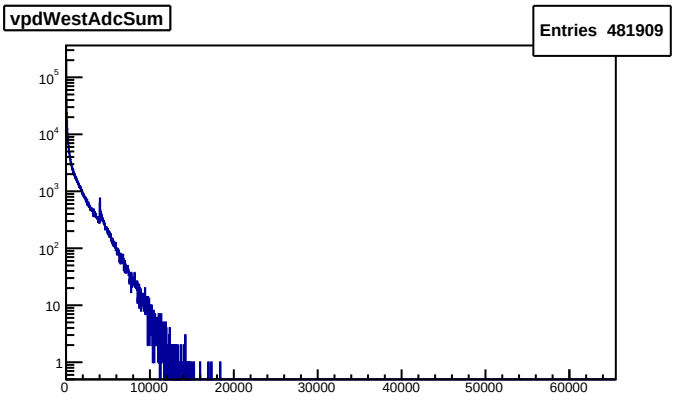

epdWestNHitsVsSimu
Entries 0
Data
Simu

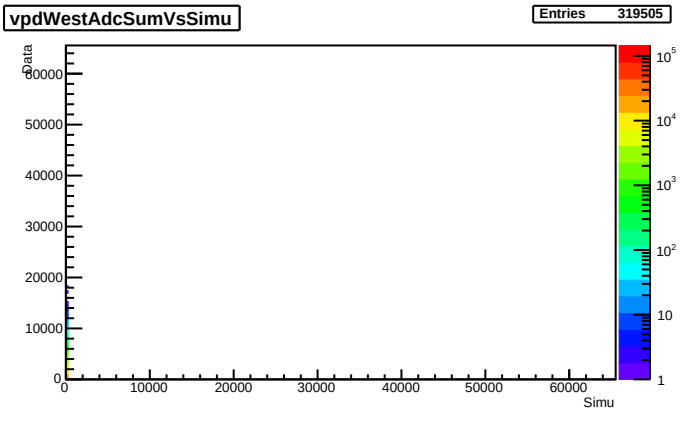

vpdEastAdcSum
Entries 481909

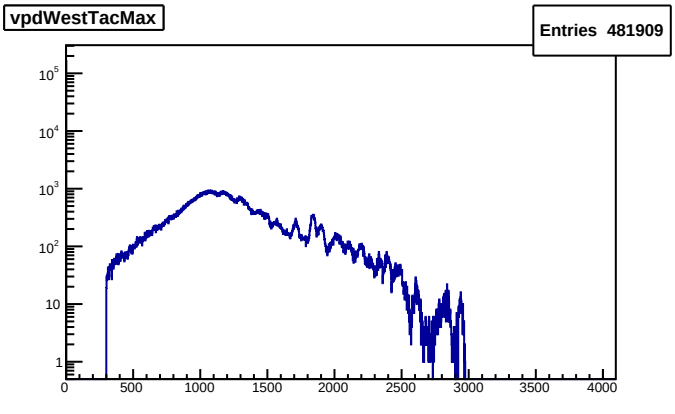

vpdEastAdcSumVsSimu
Entries 339966
Data
Simu

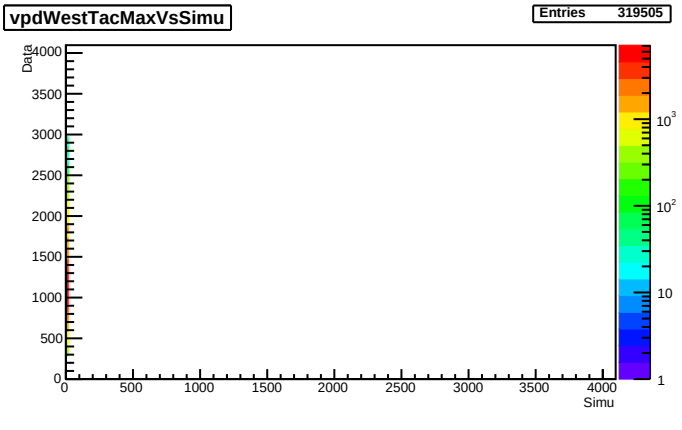

vpdEastTacMax
Entries 481909

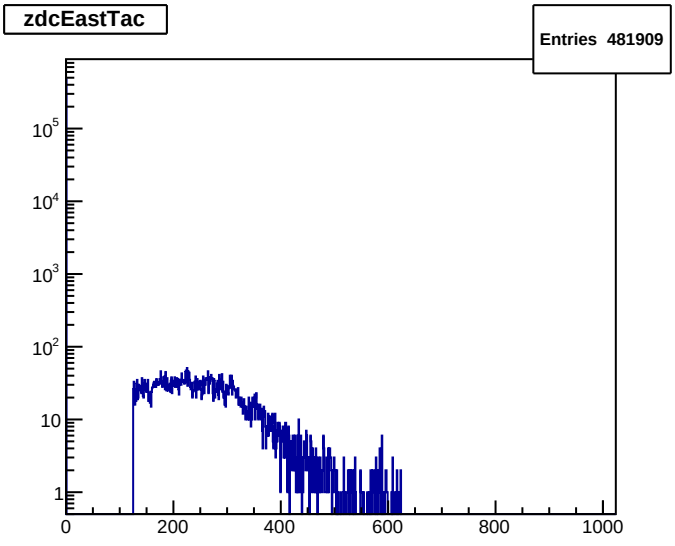

vpdEastTacMaxVsSimu
Entries 339966
Data
Simu

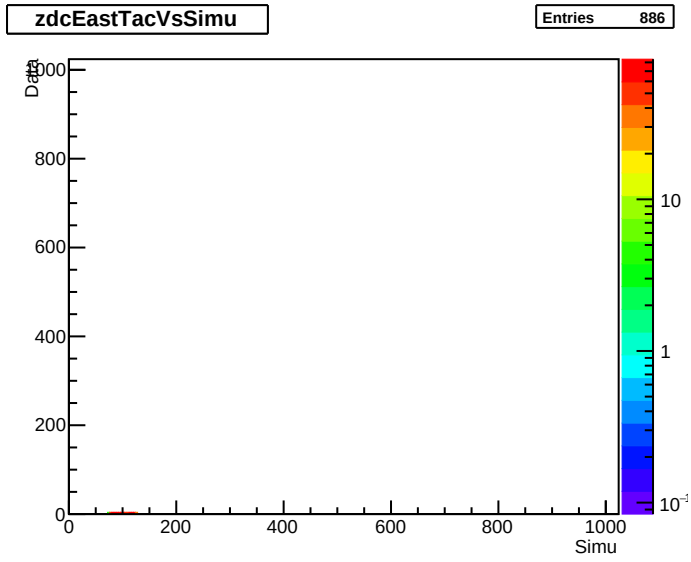

vpdWestAdcSum
Entries 481909

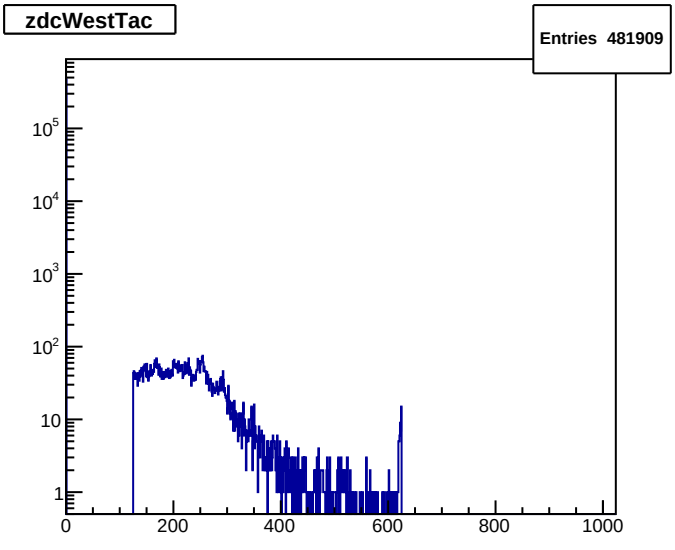

vpdWestAdcSumVsSimu
Entries 319505
Data
Simu

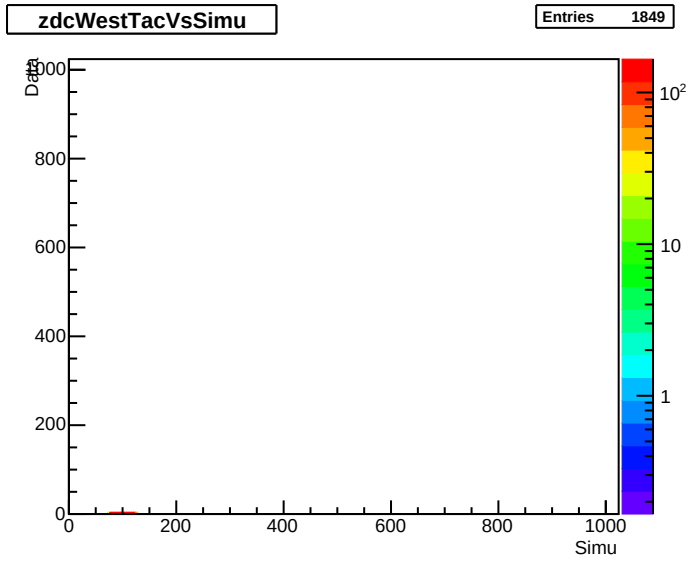

vpdWestTacMax
Entries 481909

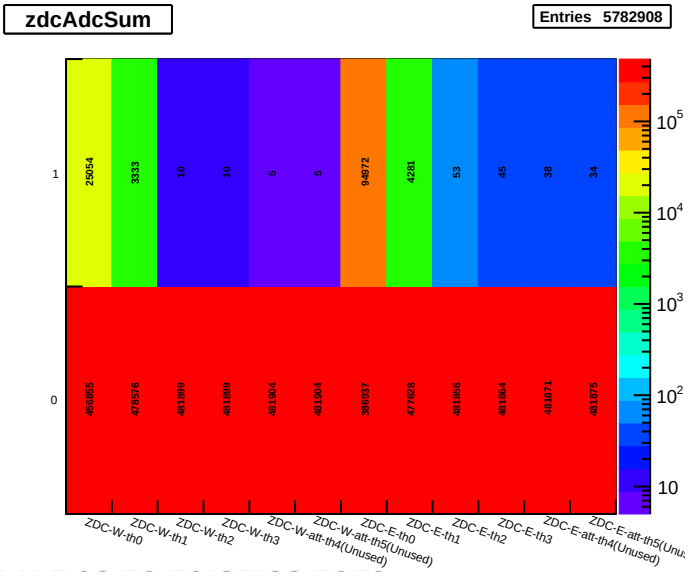

vpdWestTacMaxVsSimu
Entries 319505
Data
Simu

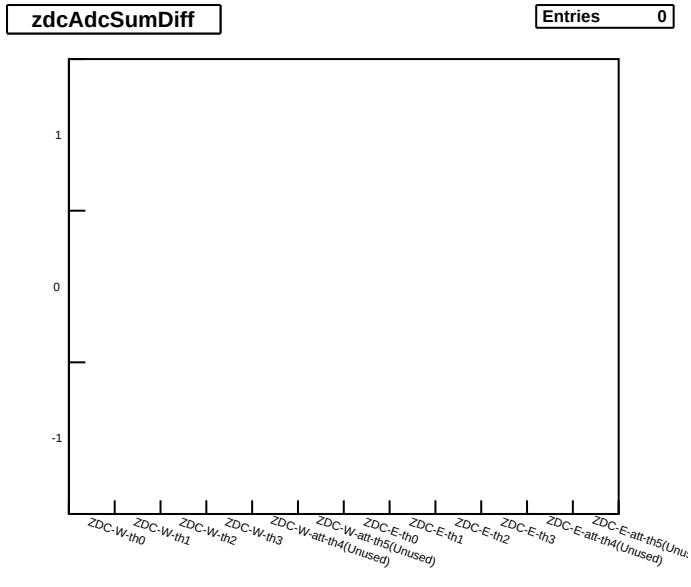

zdcEastTac
Entries 481909

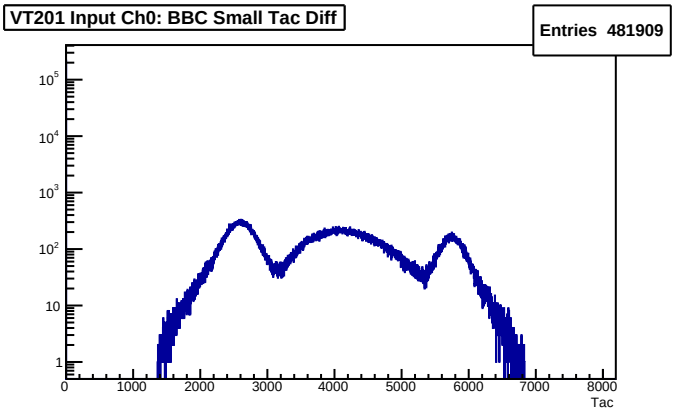

zdcEastTacVsSimu
Entries 886
Data
Simu

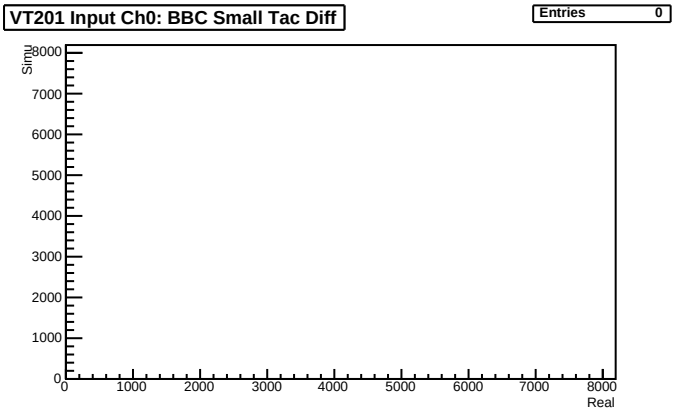

zdcWestTac
Entries 481909

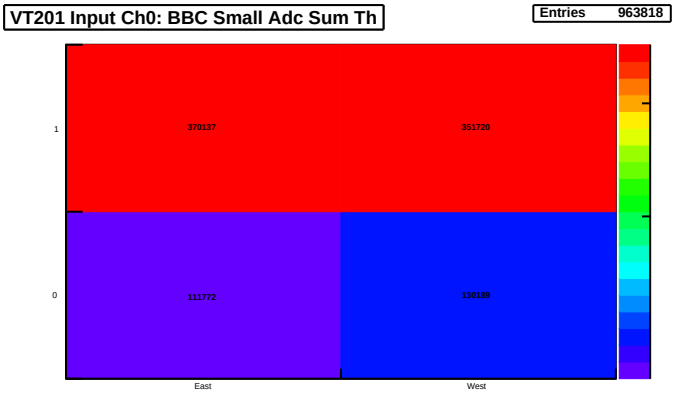

zdcWestTacVsSimu
Entries 1849
Data
Simu

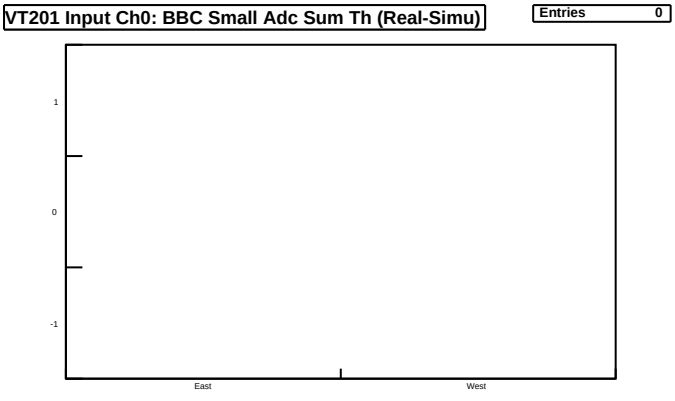

zdcAdcSum
Entries 5782908
25054
3333
10
10
5
5
94972
4281
53
45
38
34
456855
478576
481899
481899
481904
481904
386937
477628
481856
481864
481871
481875
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

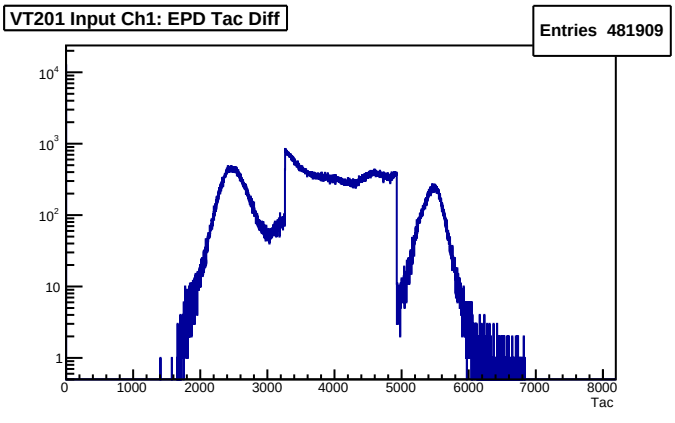

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

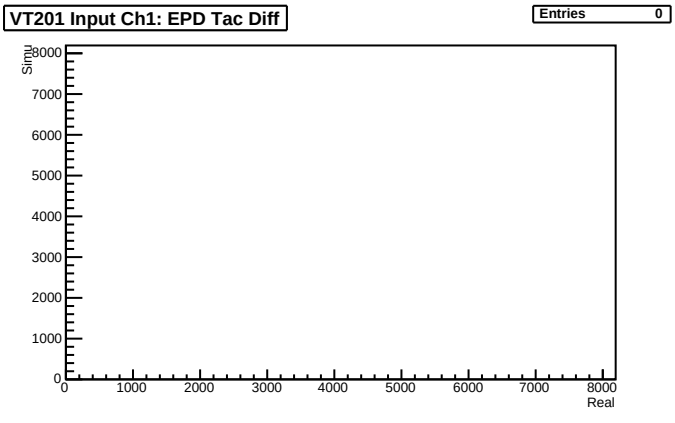

VT201 Input Ch0: BBC Small Tac Diff
Entries 481909
Tac

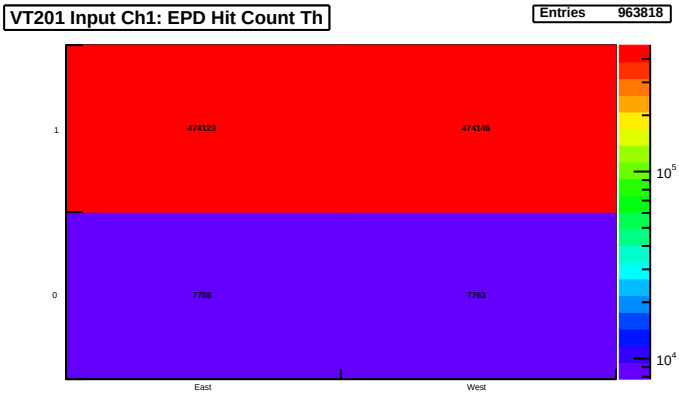

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

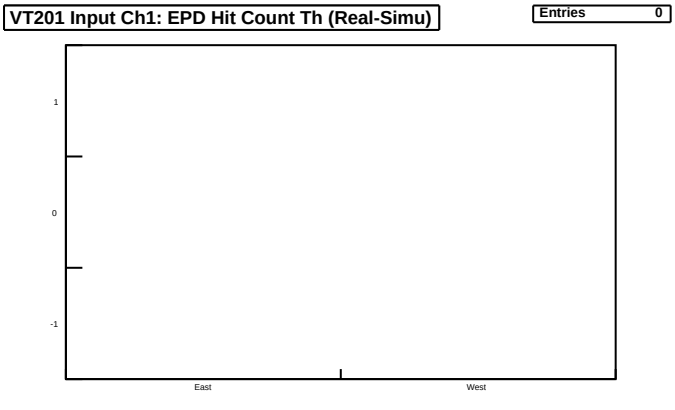

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 963818
370137
351720
111772
130189
East
West

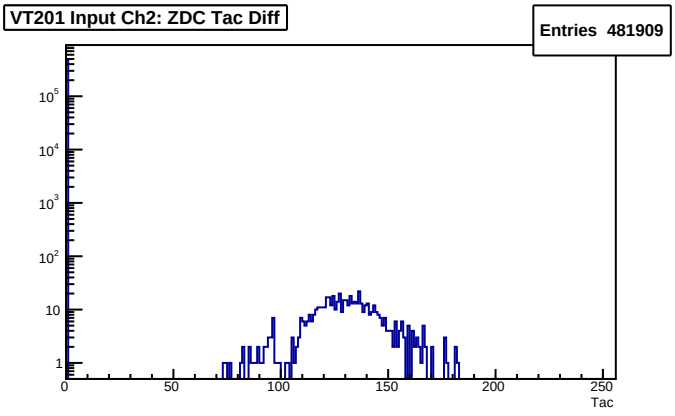

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

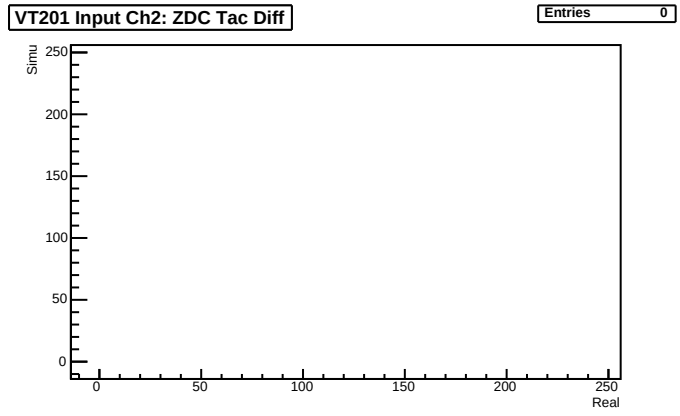

VT201 Input Ch1: EPD Tac Diff
Entries 481909
Tac

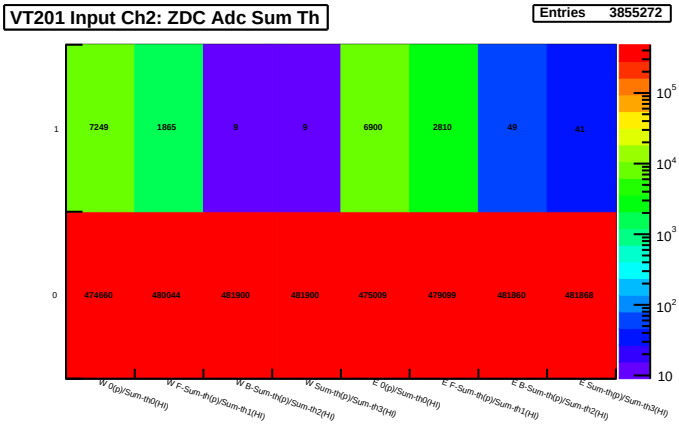

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

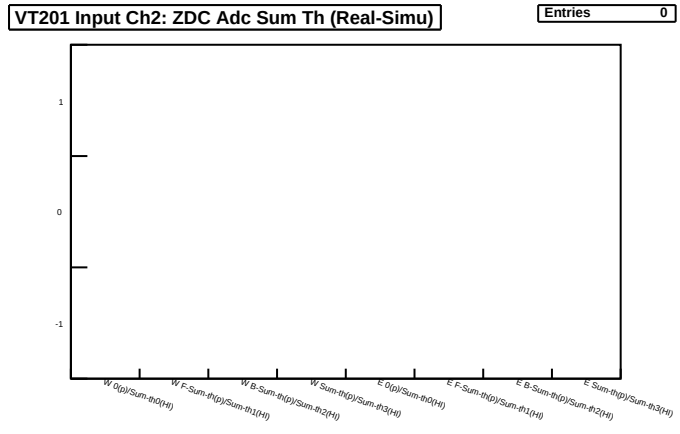

VT201 Input Ch1: EPD Hit Count Th
Entries 963818
474123
474146
7786
7763
East
West

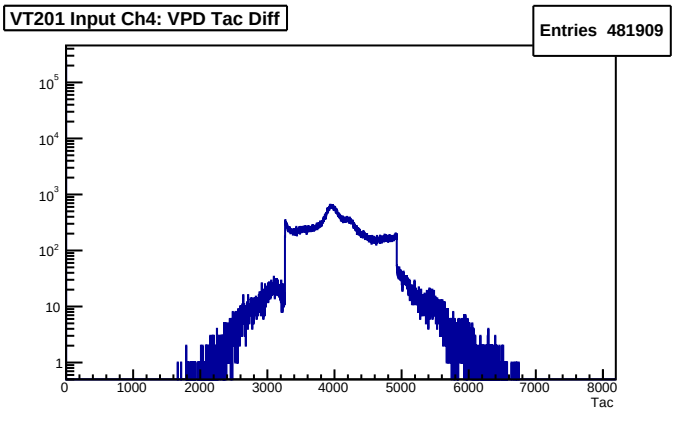

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

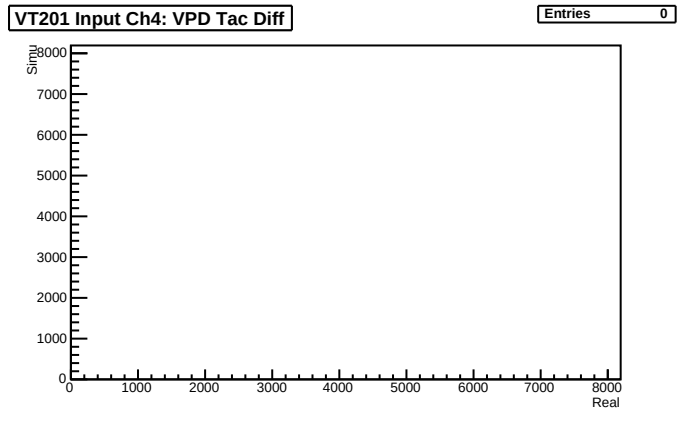

VT201 Input Ch2: ZDC Tac Diff
Entries 481909
Tac

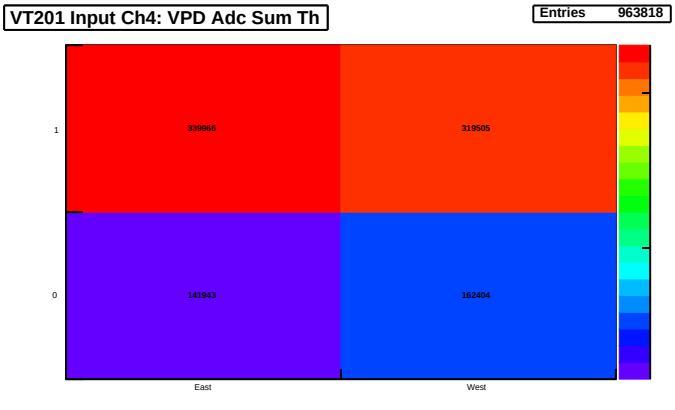

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

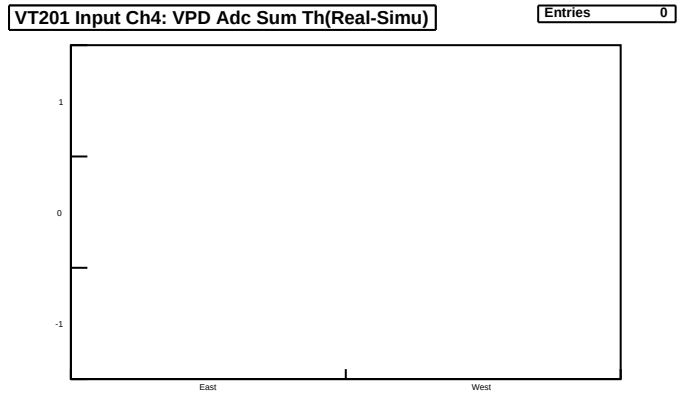

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3855272
7249
1865
9
9
6900
2810
49
41
474660
480044
481900
481900
475009
479099
481860
481868
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

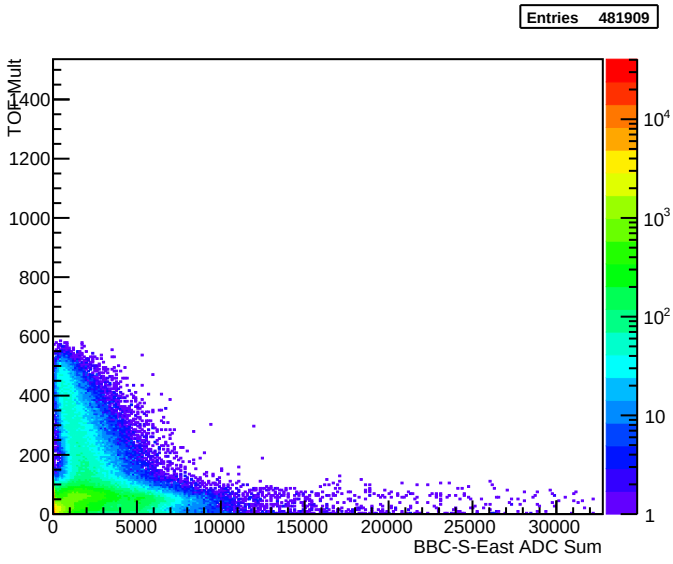

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

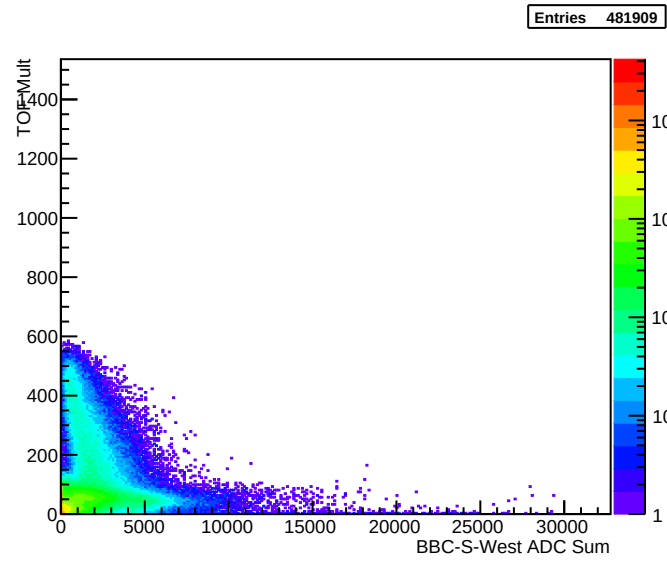

VT201 Input Ch4: VPD Tac Diff
Entries 481909
Tac

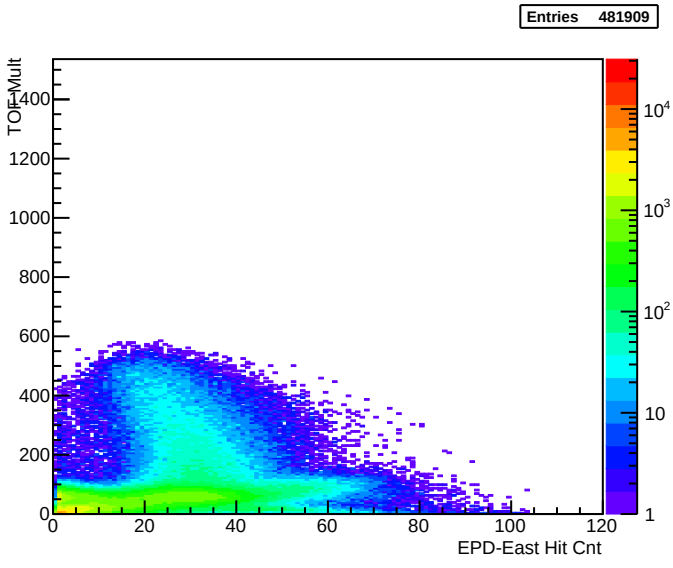

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

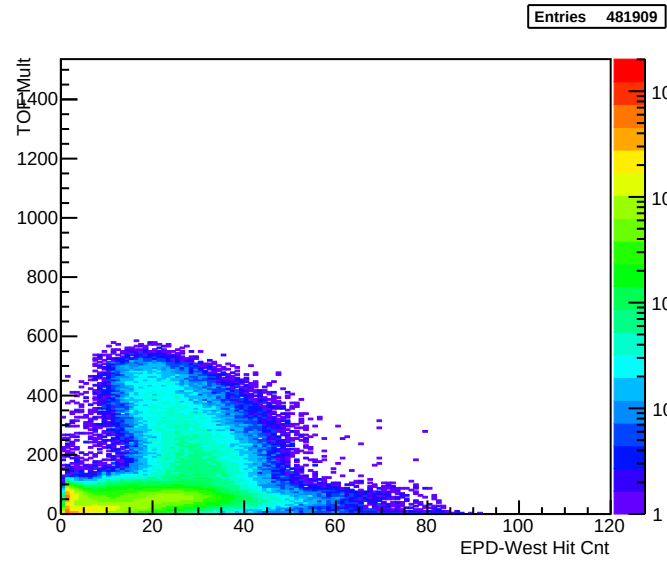

VT201 Input Ch4: VPD Adc Sum Th
Entries 963818
339966
319505
141943
162404
East
West

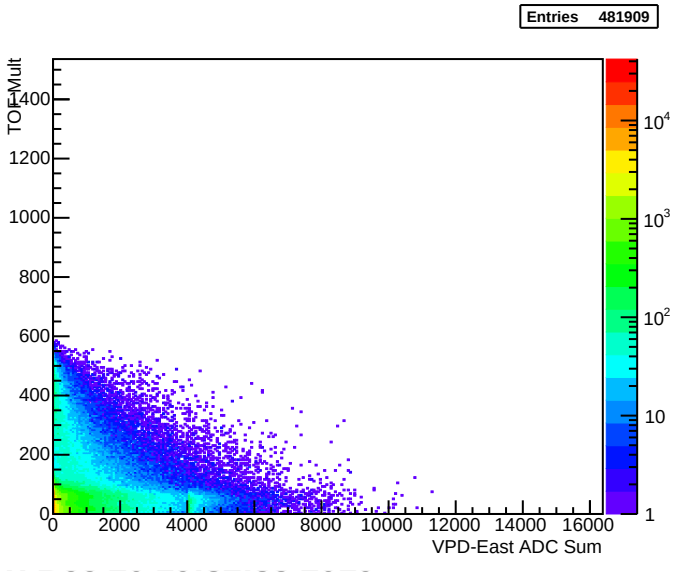

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

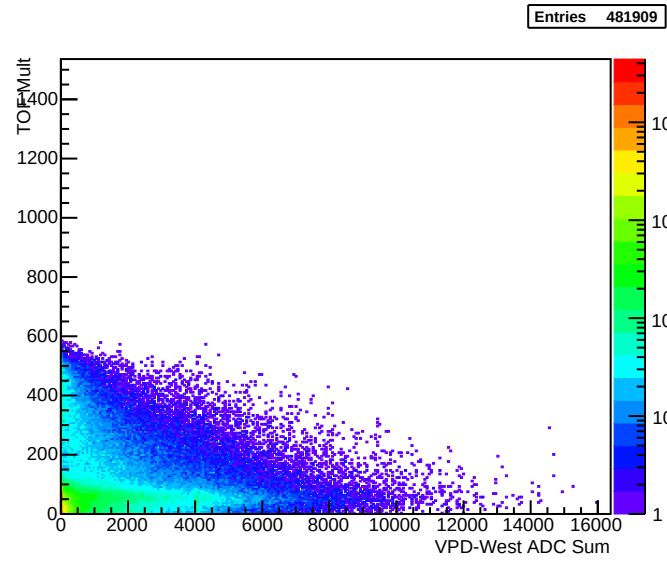

Entries 481909
TOF-Mult
BBC-S-East ADC Sum

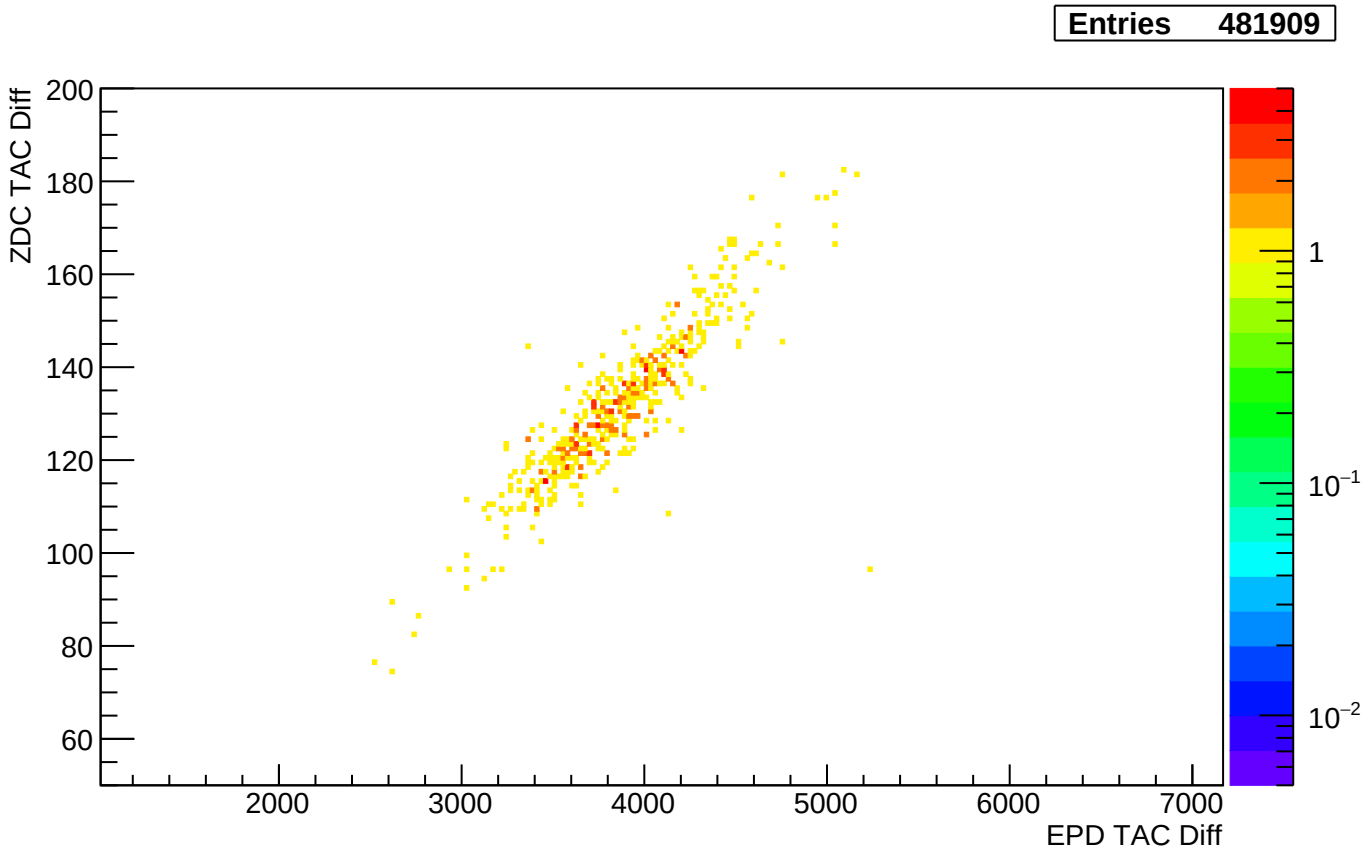

Entries 481909
TOF-Mult
BBC-S-West ADC Sum

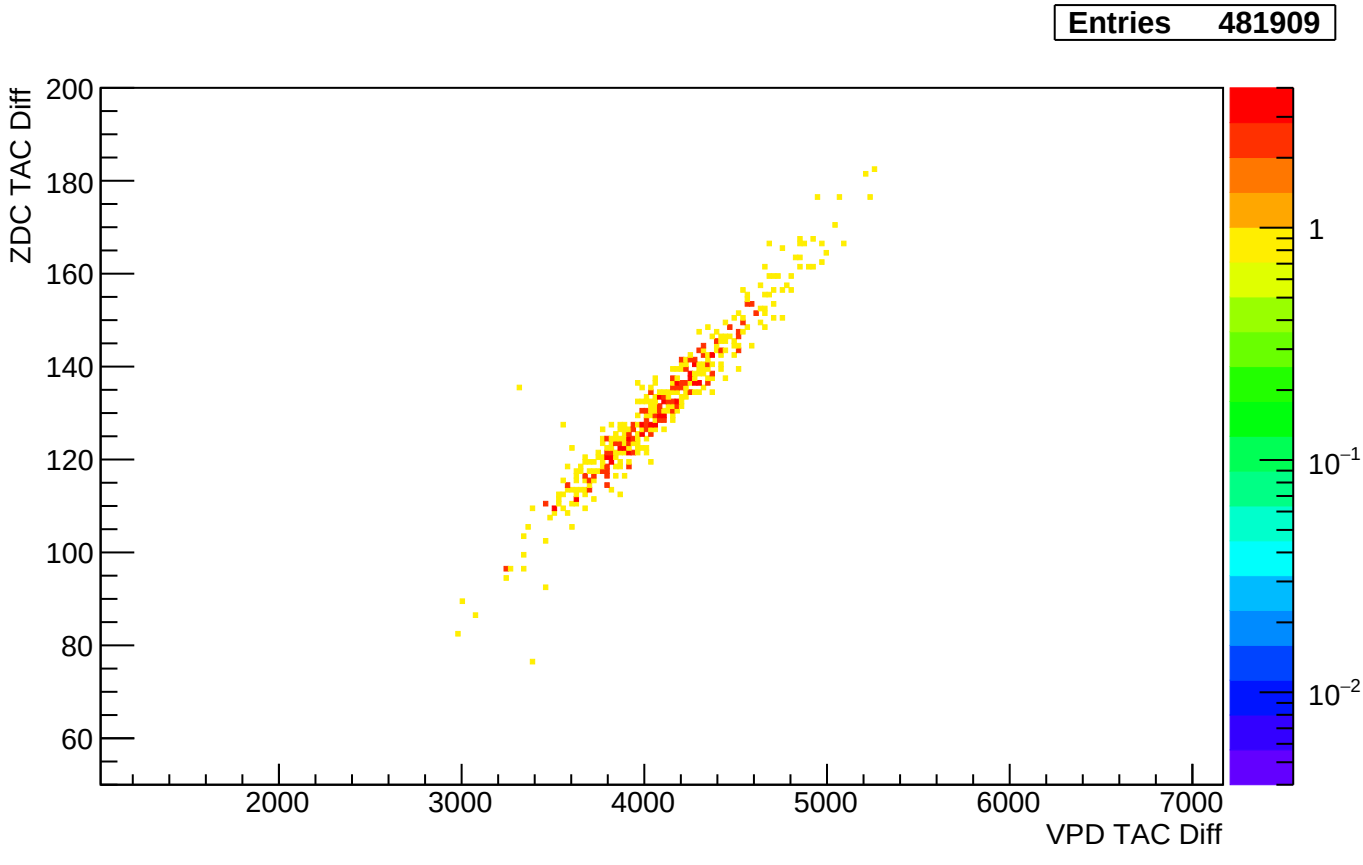

Entries 481909
TOF-Mult
EPD-East Hit Cnt

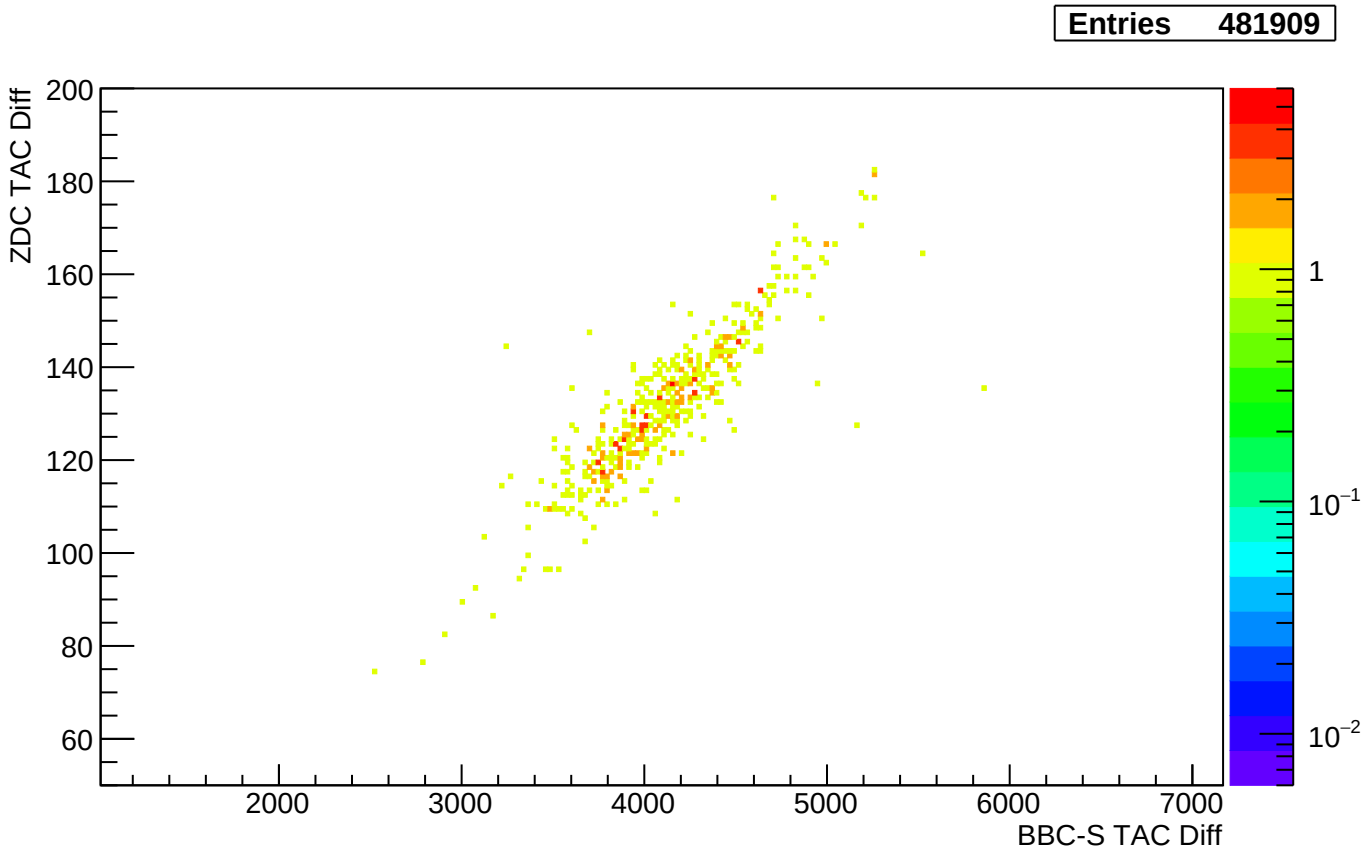

Entries 481909
TOF-Mult
EPD-West Hit Cnt

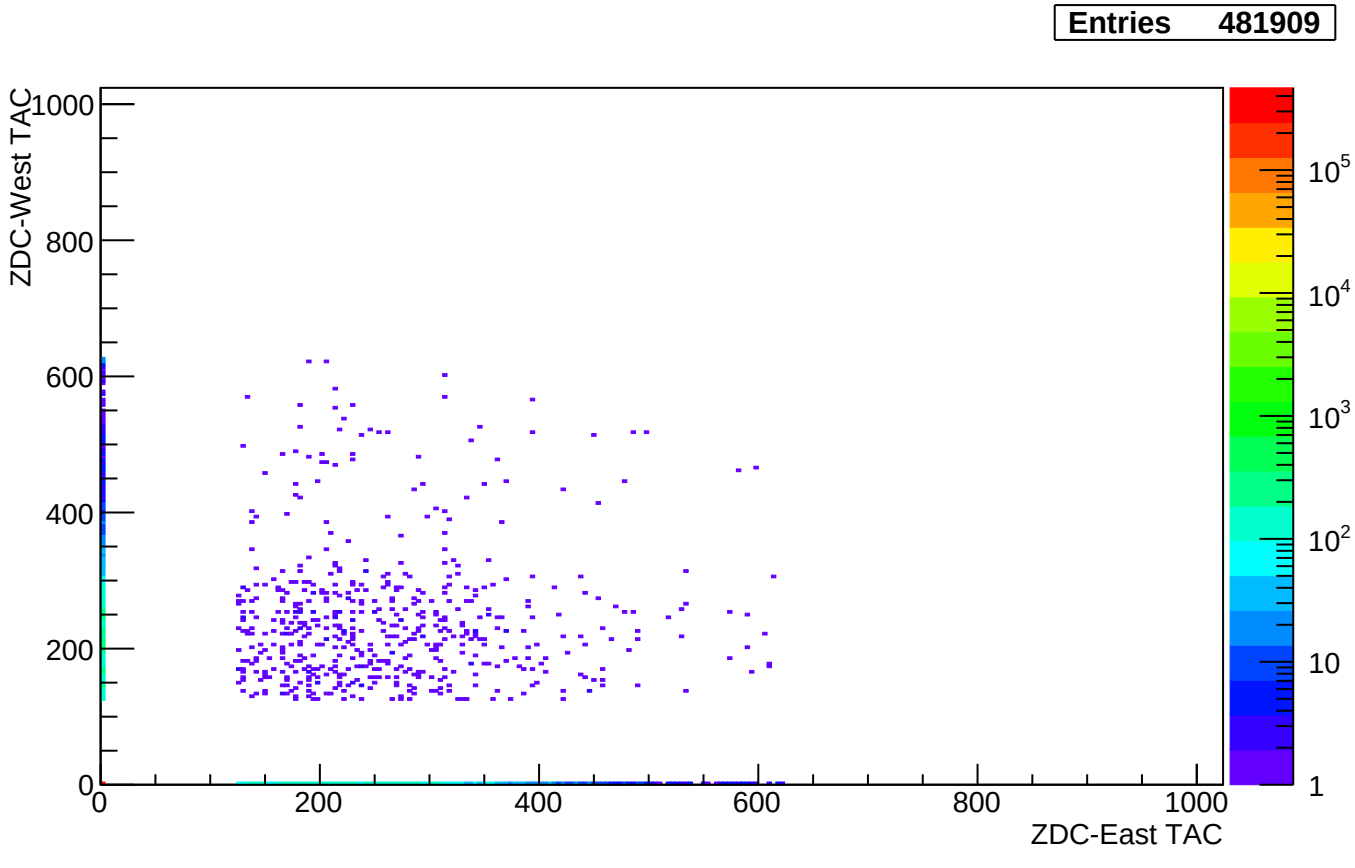

Entries 481909
TOF-Mult
VPD-East ADC Sum

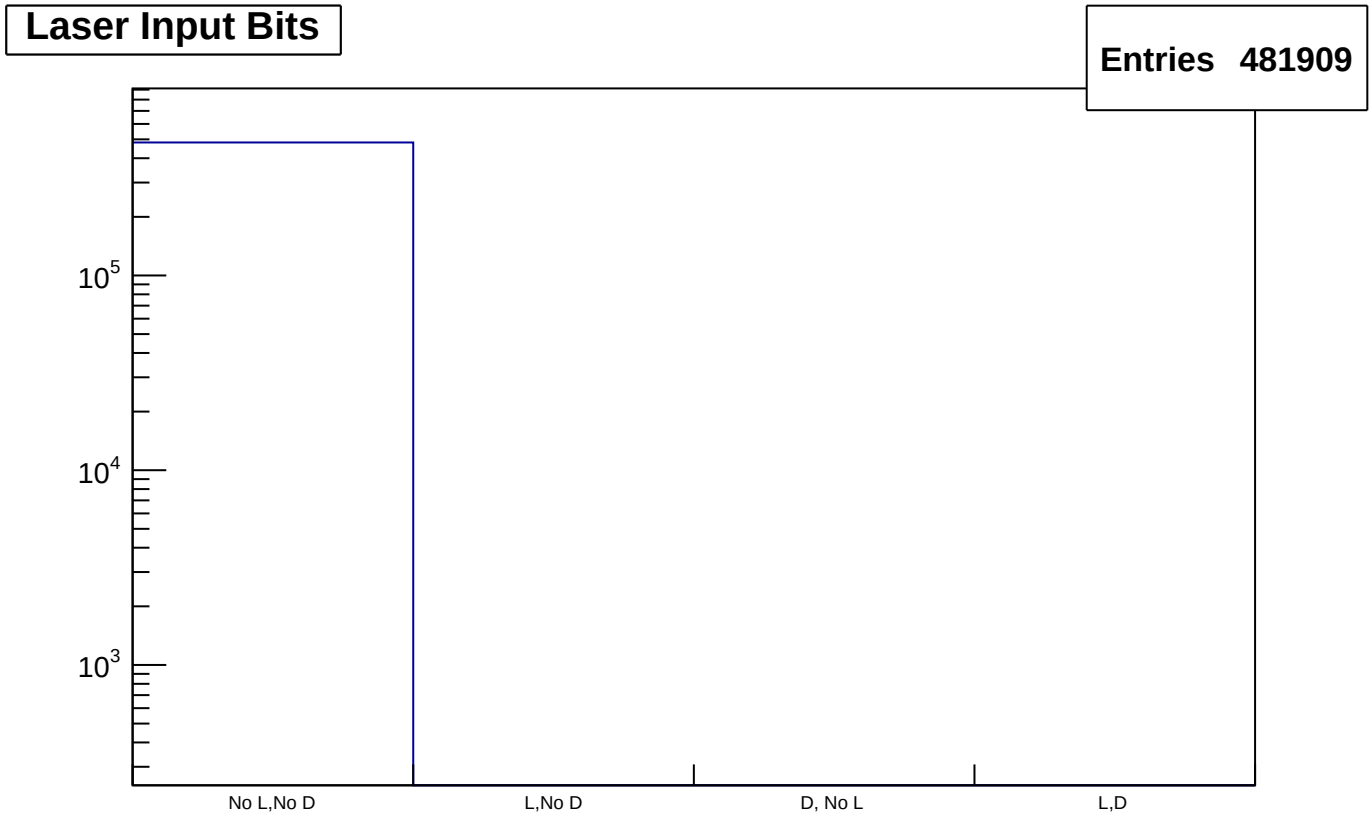

Entries 481909
TOF-Mult
VPD-West ADC Sum

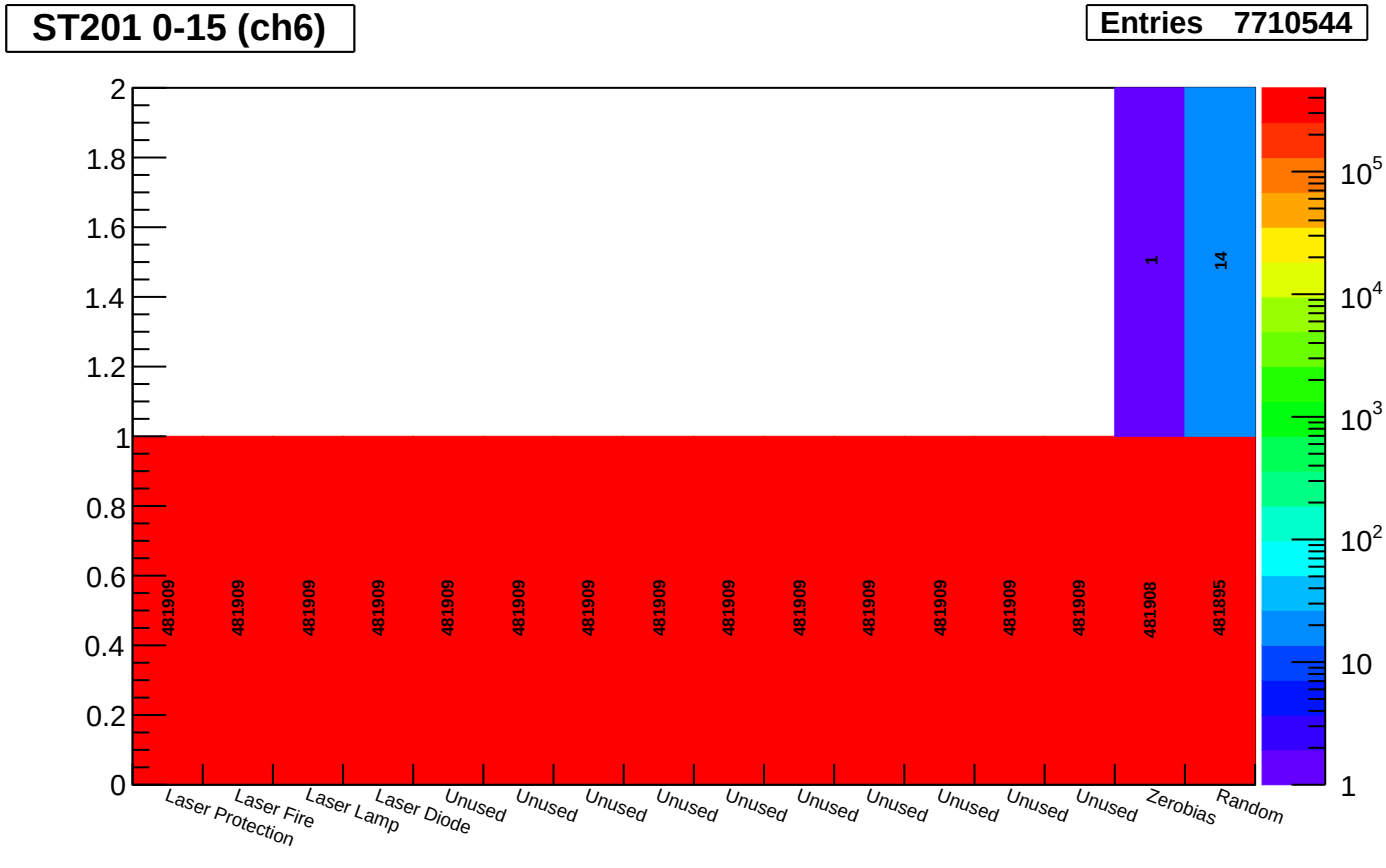

Entries 481909
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

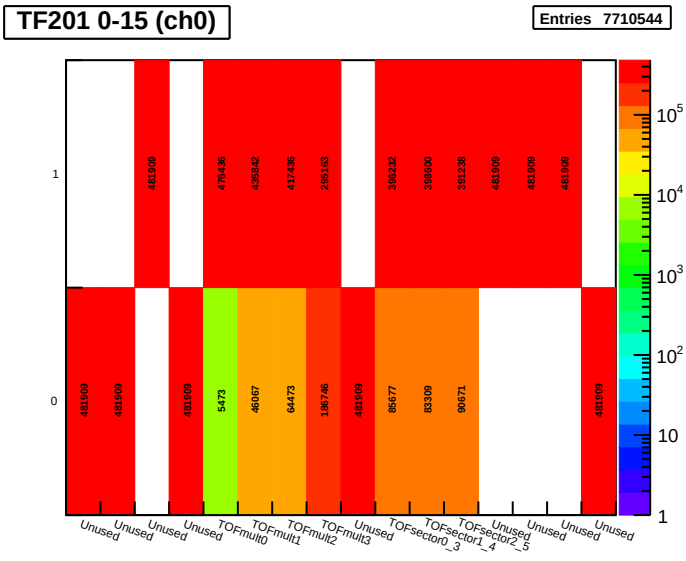

Entries 481909
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

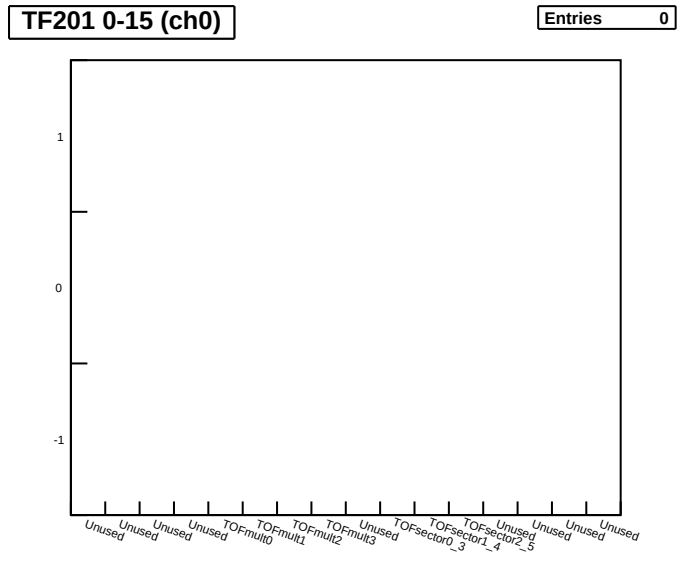

Entries 481909
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

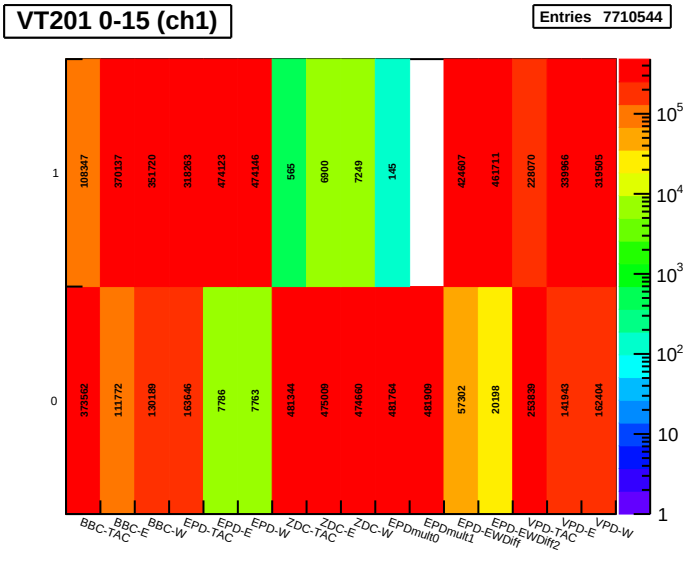

Entries 481909
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

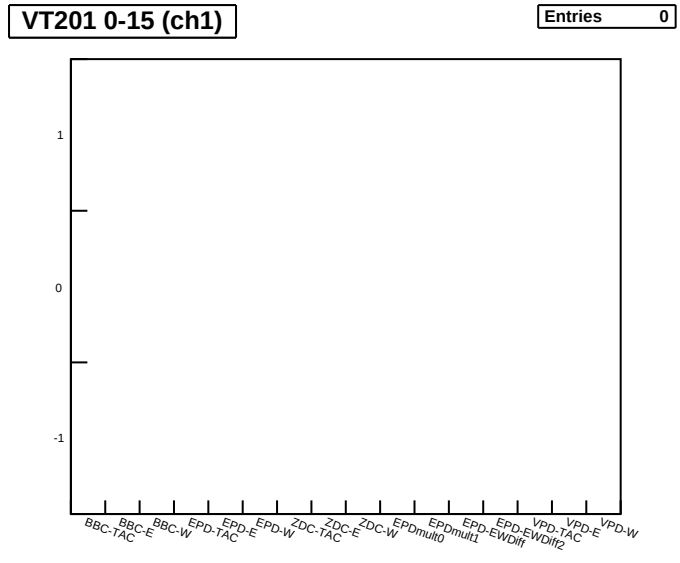

Laser Input Bits
Entries 481909
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

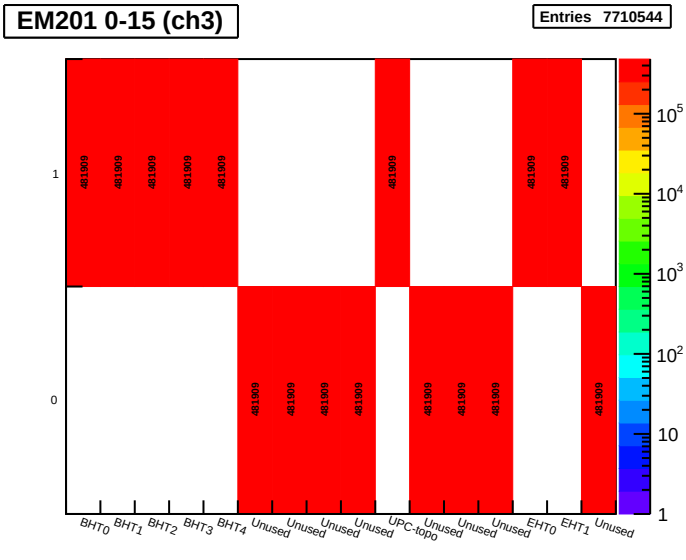

ST201 0-15 (ch6)
Entries 7710544
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
481909
481908
481895
1
14
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

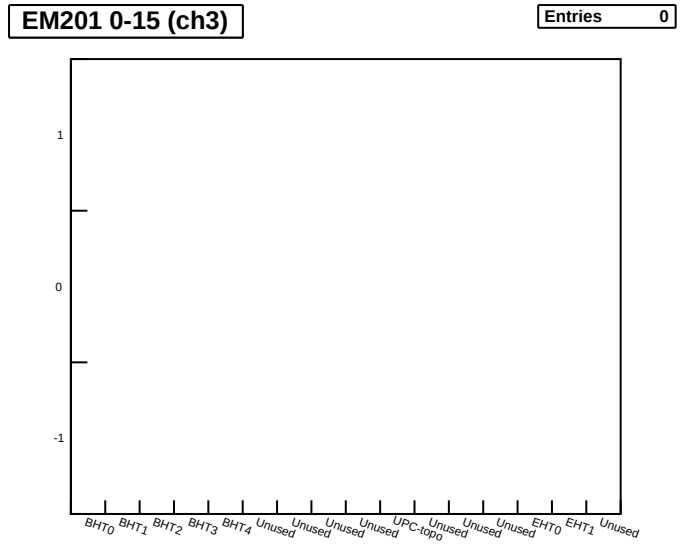

TF201 0-15 (ch0)
Entries 7710544
481909
476436
435842
417436
295163
336232
398600
301238
481909
481909
481909
481909
481909
481909
481909
5473
46067
64473
186746
481909
85677
83309
90671
481909
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


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


VT201 0-15 (ch1)
Entries 7710544
108347
370137
351720
318263
474123
474146
565
6900
7249
145
424607
461711
228070
339966
319505
373562
111772
130189
163646
7786
7763
481344
475009
474660
481764
481909
57302
20198
253839
141943
162404
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


VT201 0-15 (ch1)
Entries 0
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 7710544
481909
481909
481909
481909
481909
481909
481909
481909
481909
481909
481909
481909
481909
481909
481909
481909
481909
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1


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