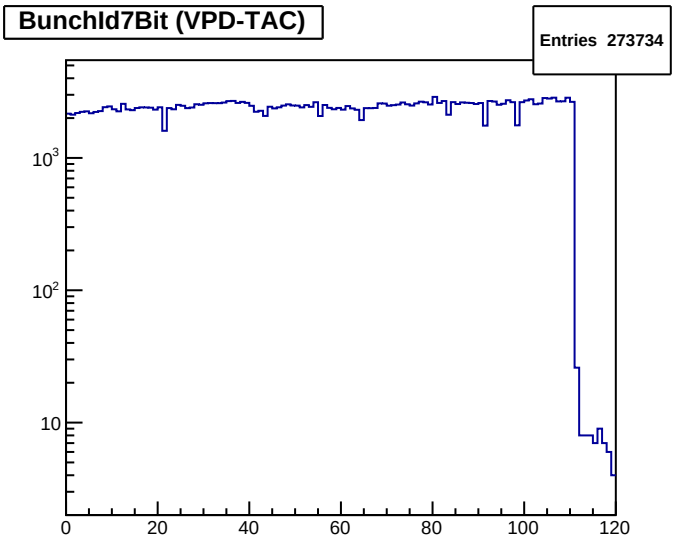
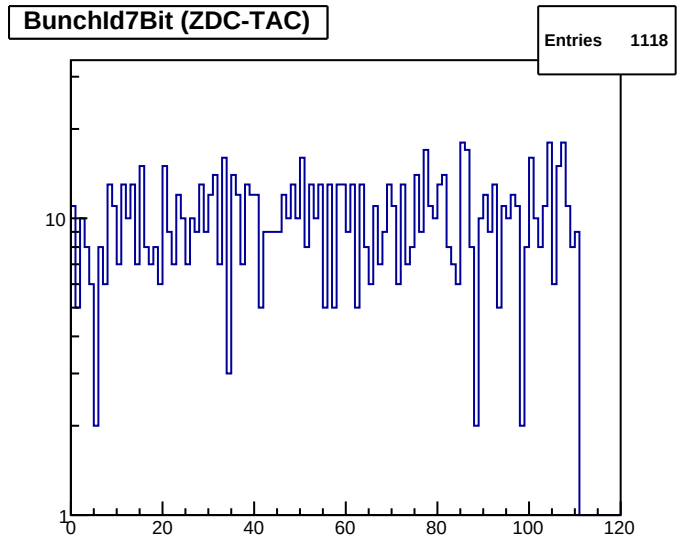
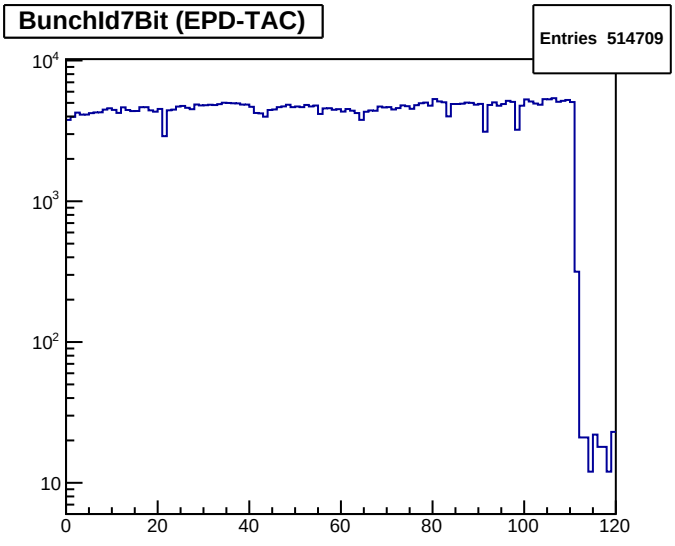
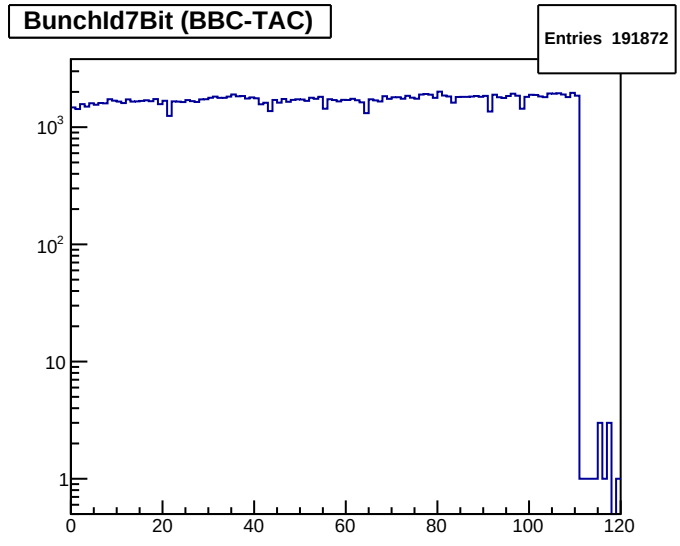
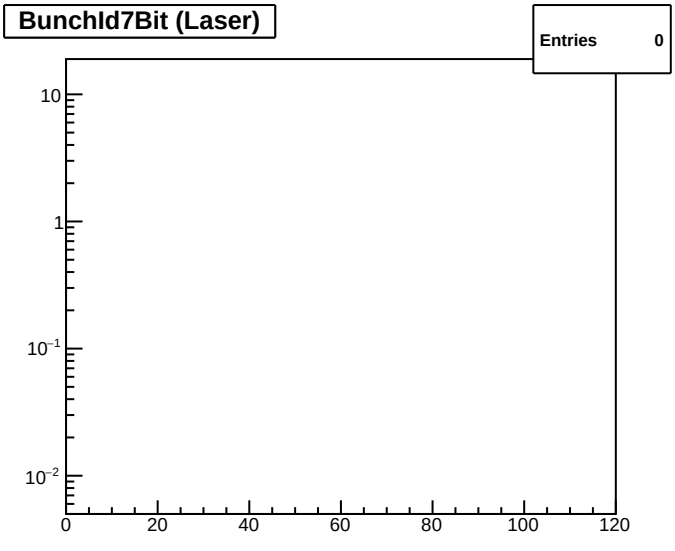
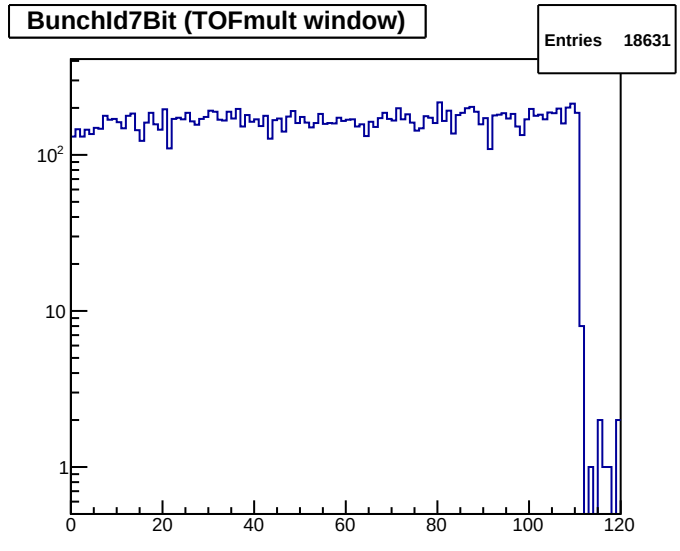

BunchId7Bit (VPD-TAC)
Entries 273734

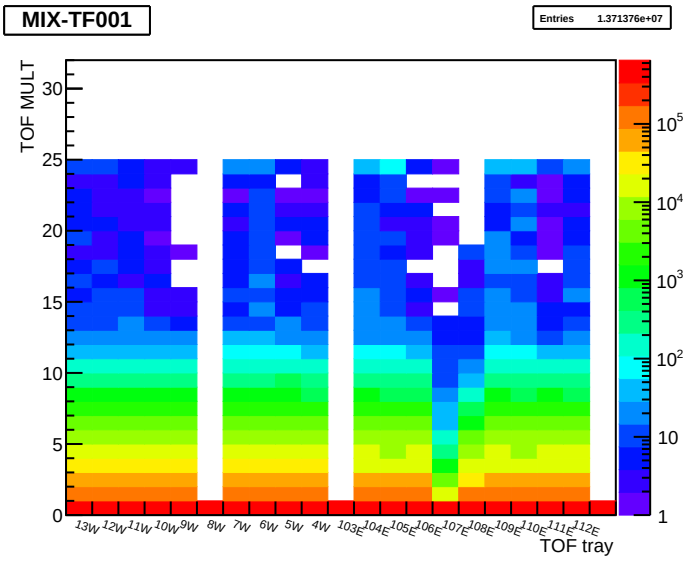

BunchId7Bit (ZDC-TAC)
Entries 1118

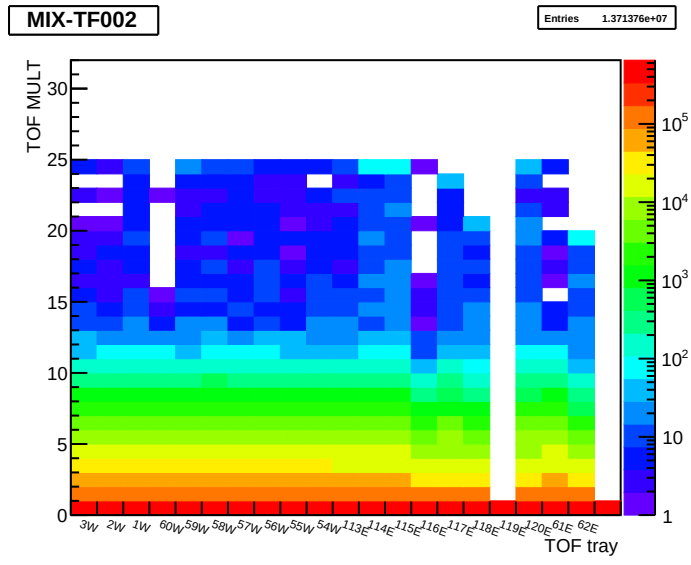

BunchId7Bit (EPD-TAC)
Entries 514709

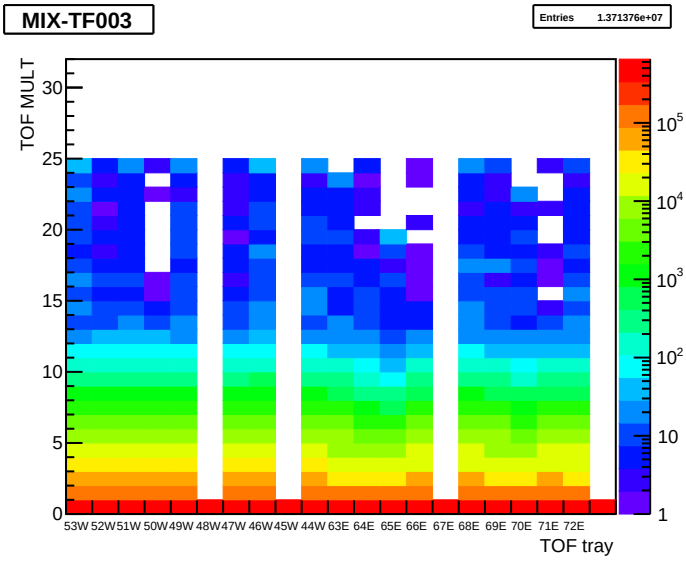

BunchId7Bit (BBC-TAC)
Entries 191872

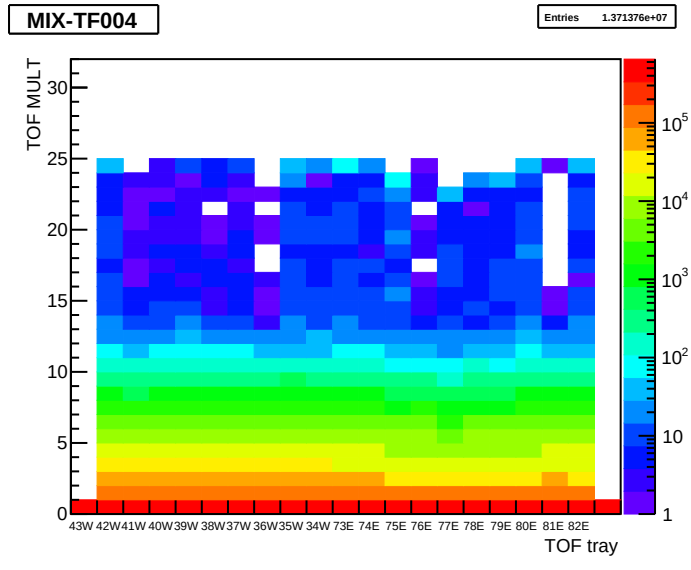

BunchId7Bit (Laser)
Entries 0

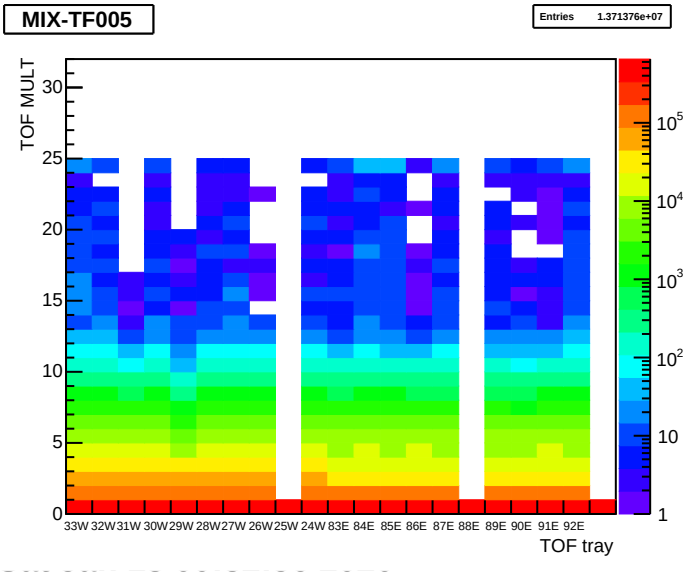

BunchId7Bit (TOFmult window)
Entries 18631

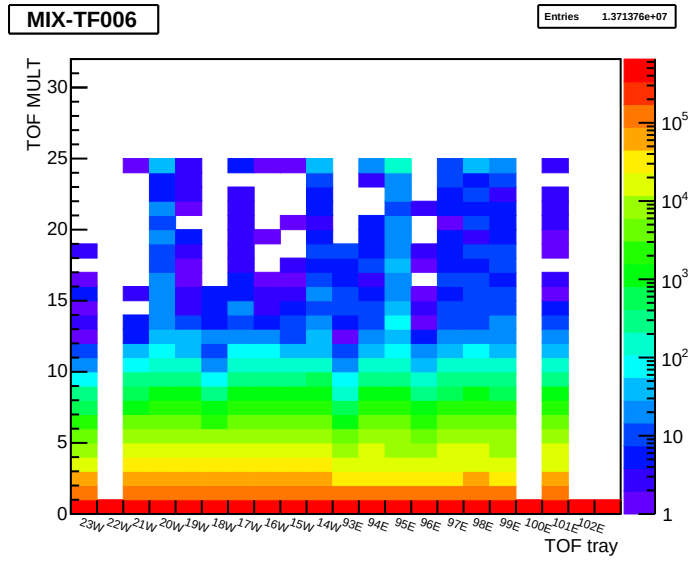

MIX-TF001
Entries 1.371376e+07
TOF MULT
TOF tray

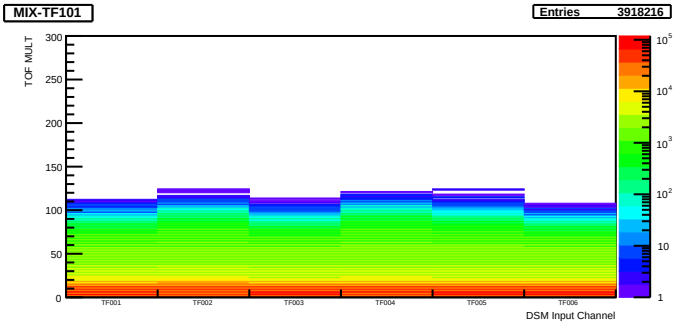

MIX-TF002
Entries 1.371376e+07
TOF MULT
TOF tray

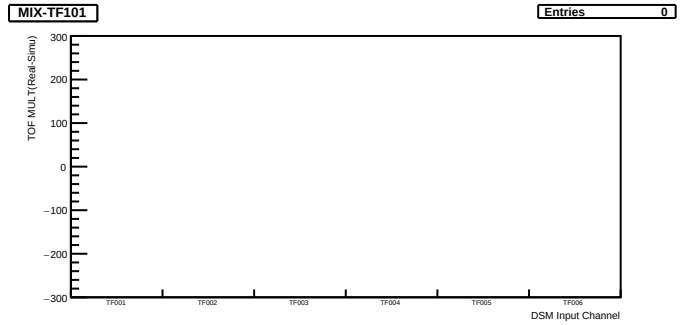

MIX-TF003
Entries 1.371376e+07
TOF MULT
TOF tray

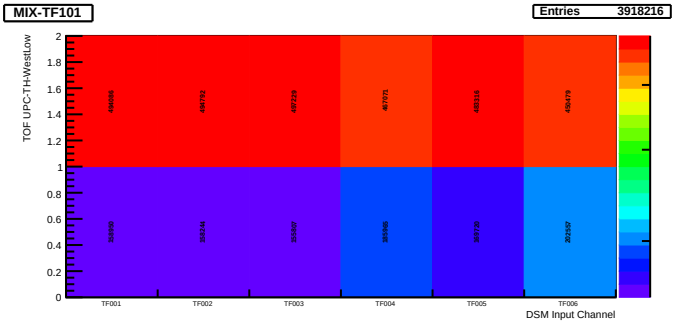

MIX-TF004
Entries 1.371376e+07
TOF MULT
TOF tray

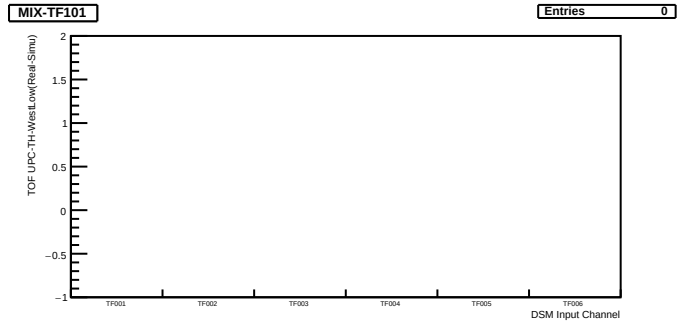

MIX-TF005
Entries 1.371376e+07
TOF MULT
TOF tray

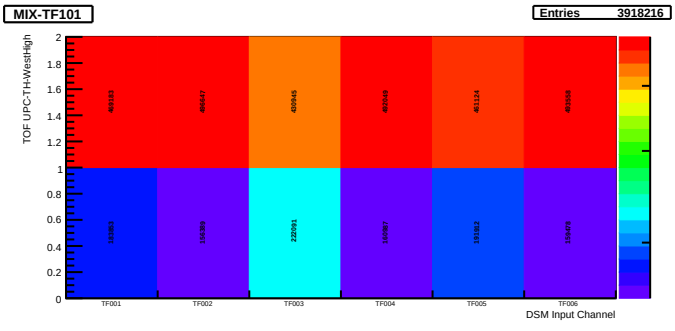

MIX-TF006
Entries 1.371376e+07
TOF MULT
TOF tray

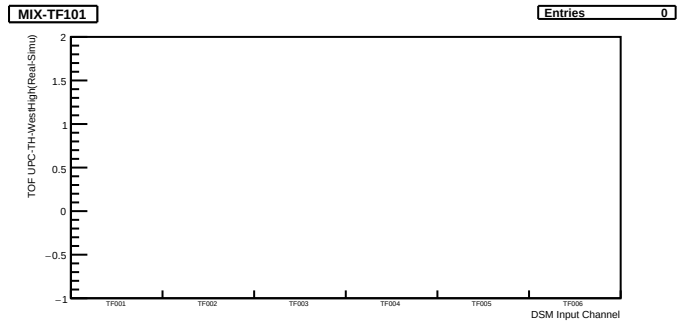

MIX-TF101
Entries 3918216
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

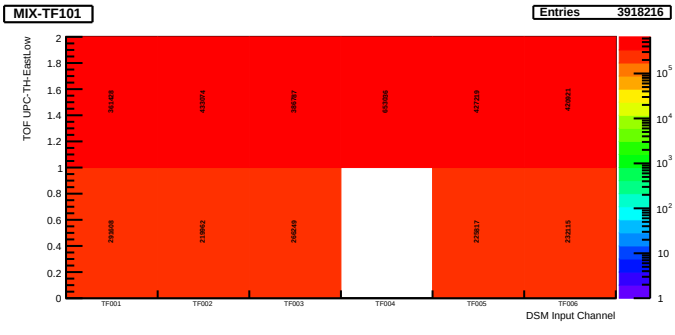

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

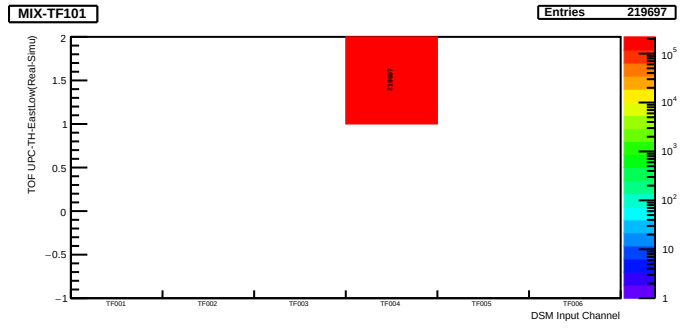

MIX-TF101
Entries 3918216
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

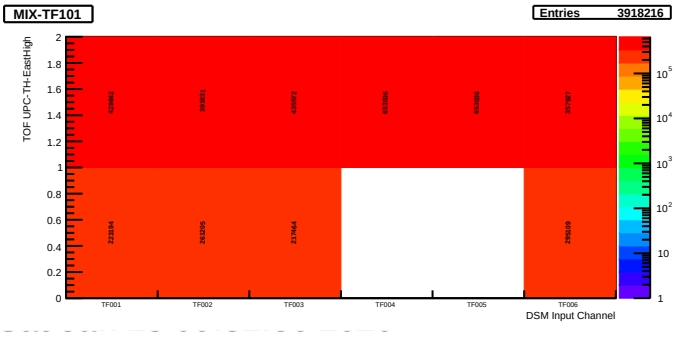

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

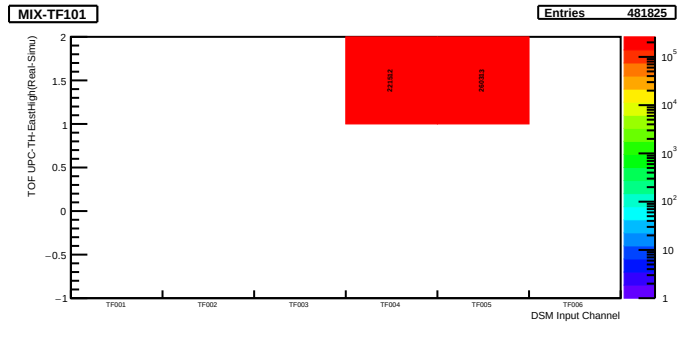

MIX-TF101
Entries 3918216
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

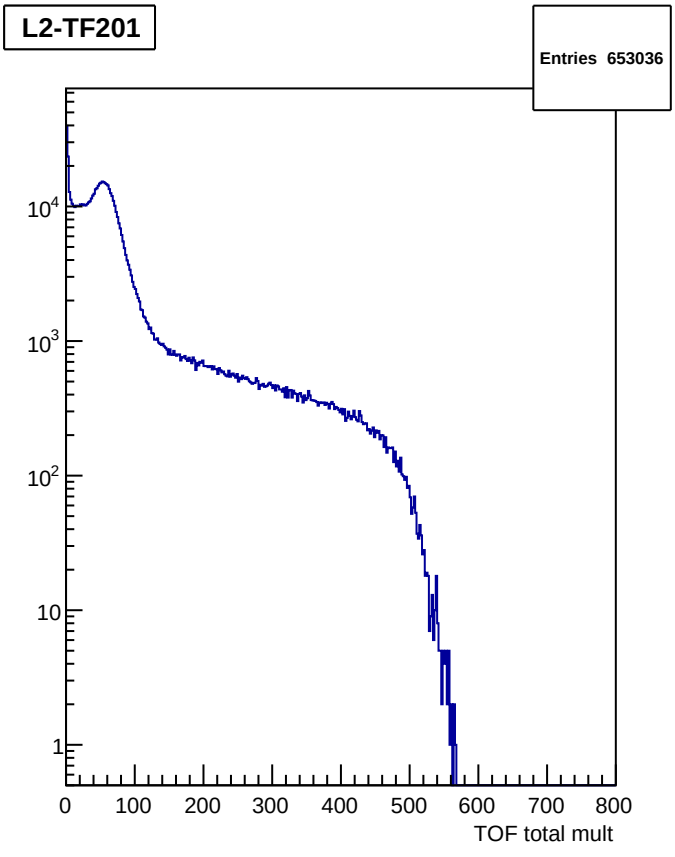

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

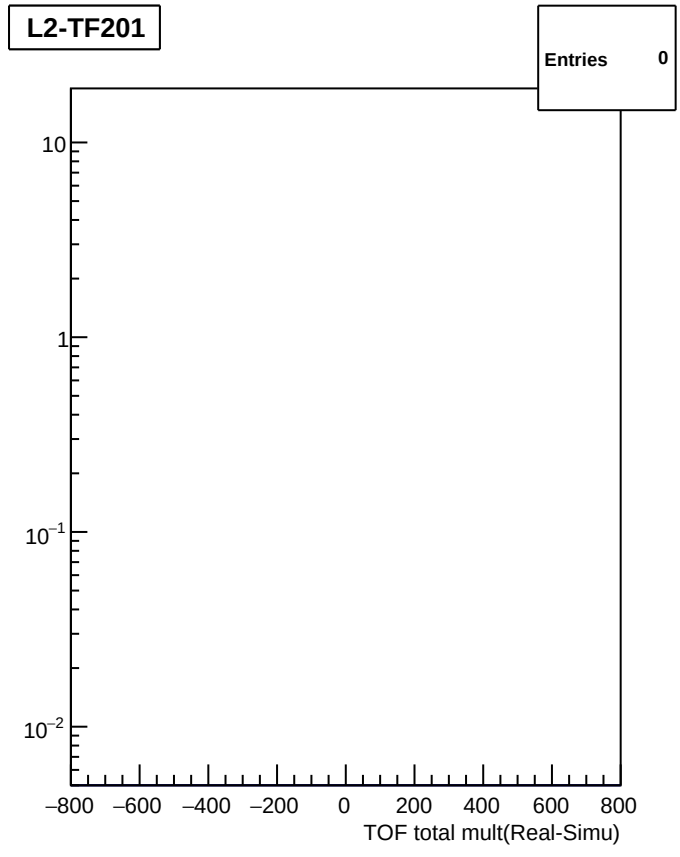

MIX-TF101
Entries 3918216
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

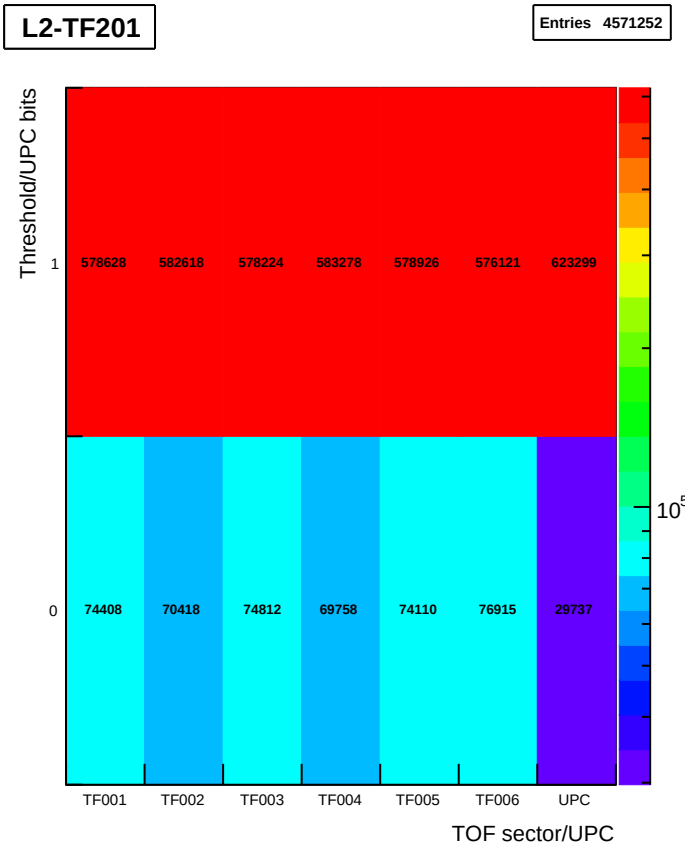

MIX-TF101
Entries 219697
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

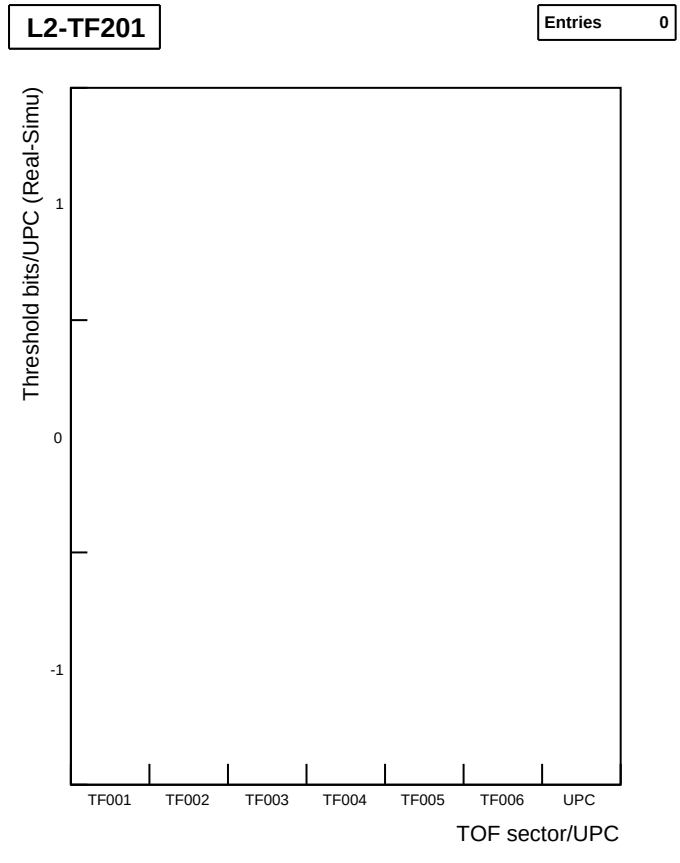

MIX-TF101
Entries 3918216
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

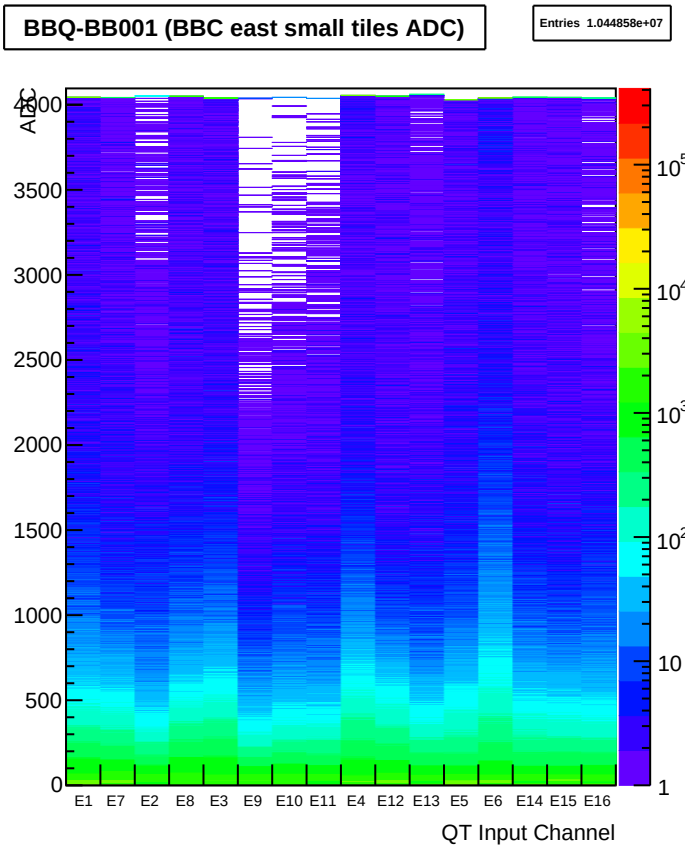

MIX-TF101
Entries 481825
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

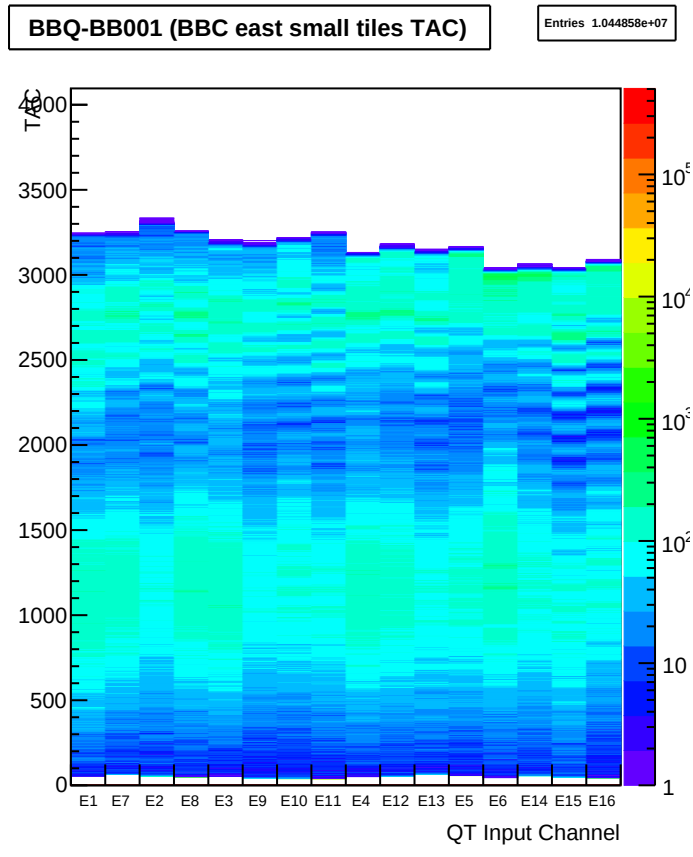

L2-TF201
Entries 653036
TOF total mult

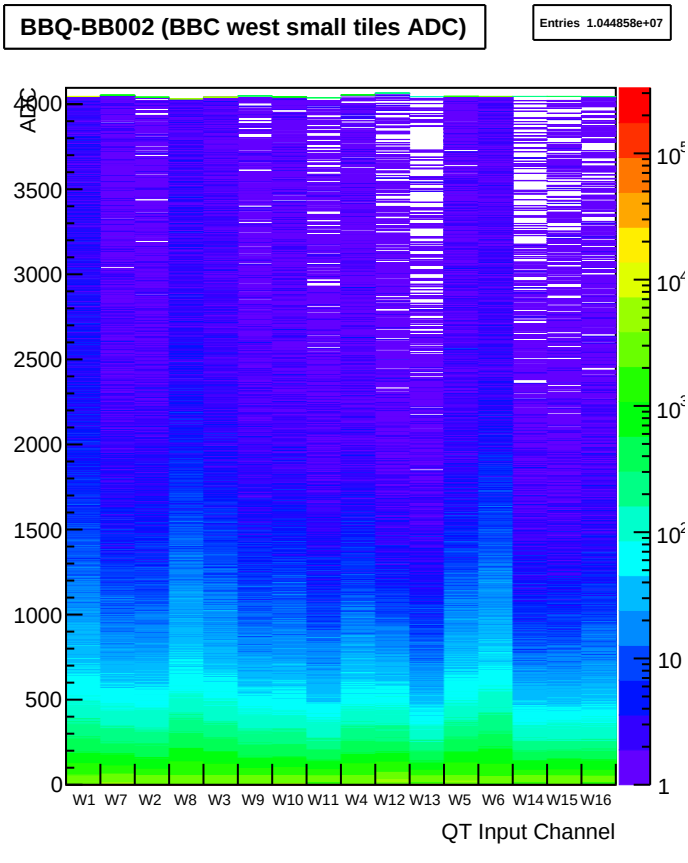

L2-TF201
Entries 0
TOF total mult(Real-Simu)

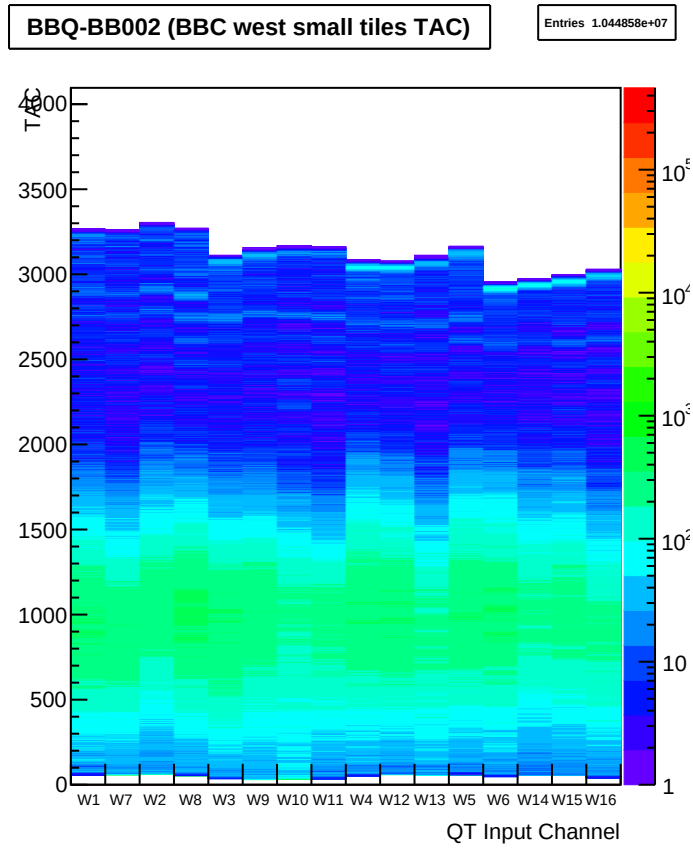

L2-TF201
Entries 4571252
Threshold/UPC bits
578628
582618
578224
583278
578926
576121
623299
74408
70418
74812
69758
74110
76915
29737
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

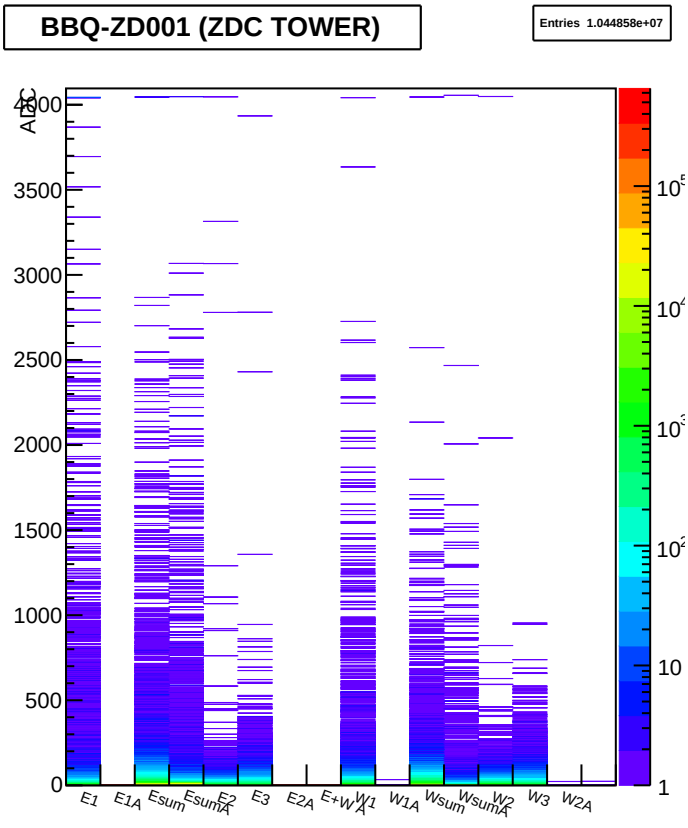

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

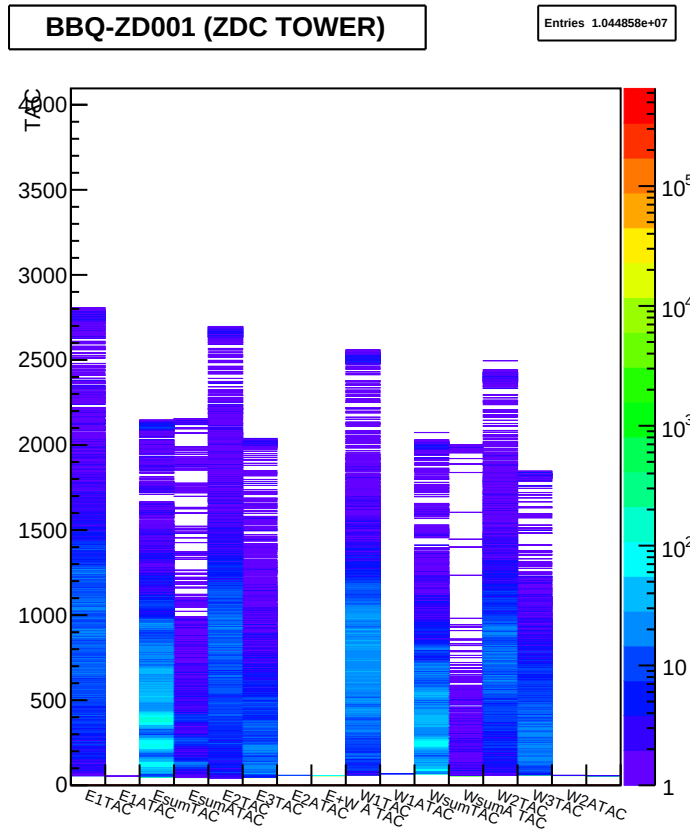

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.044858e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

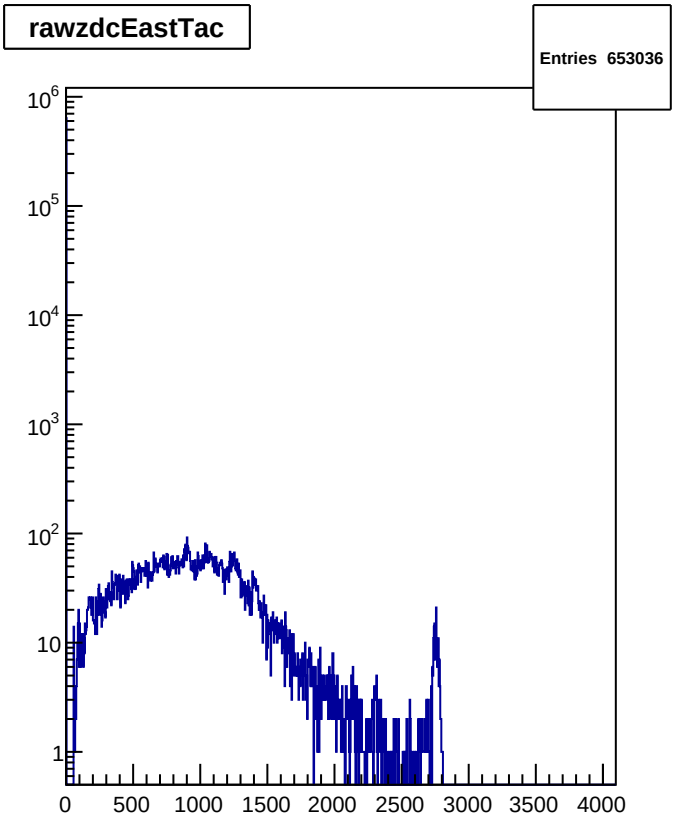

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.044858e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

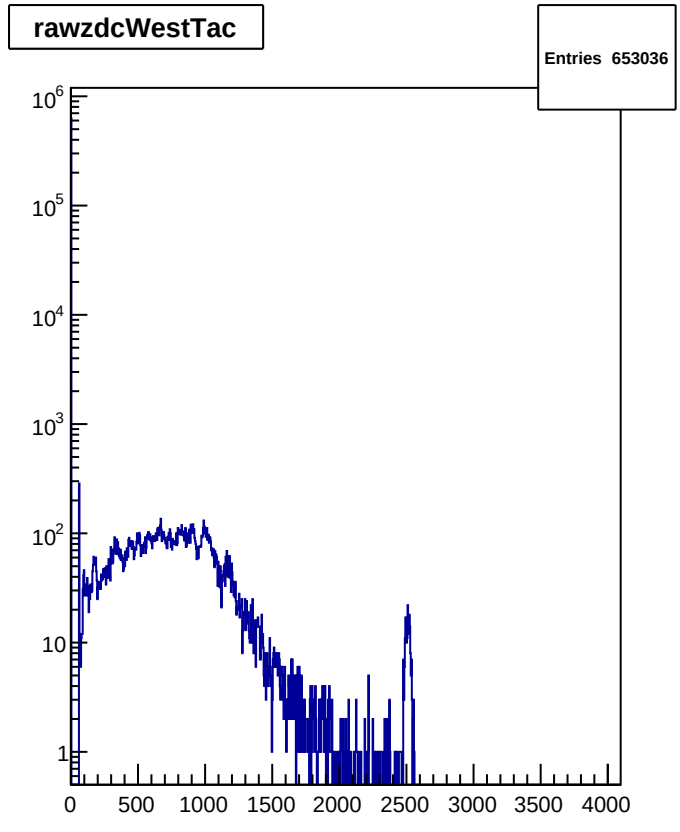

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.044858e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

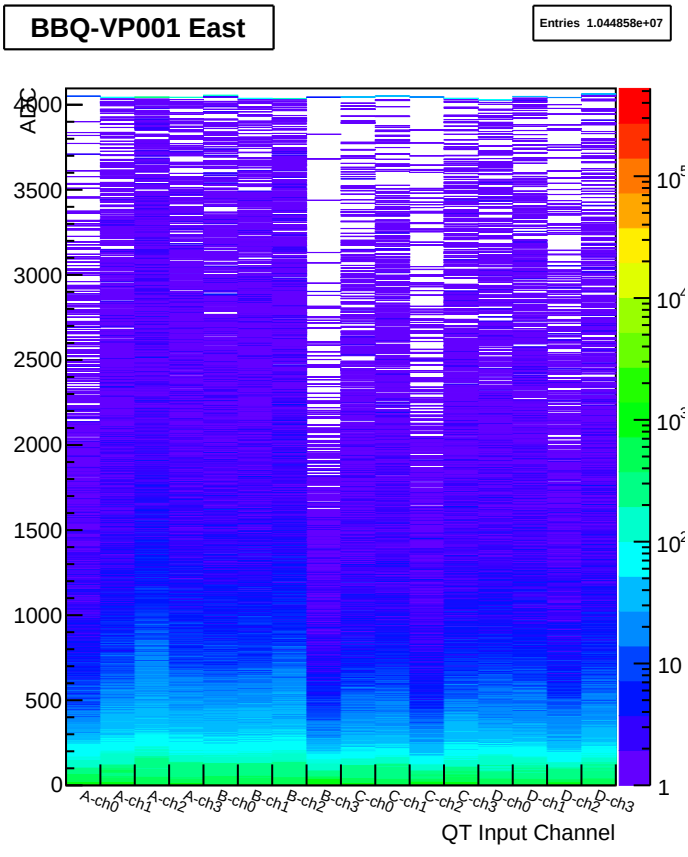

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.044858e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

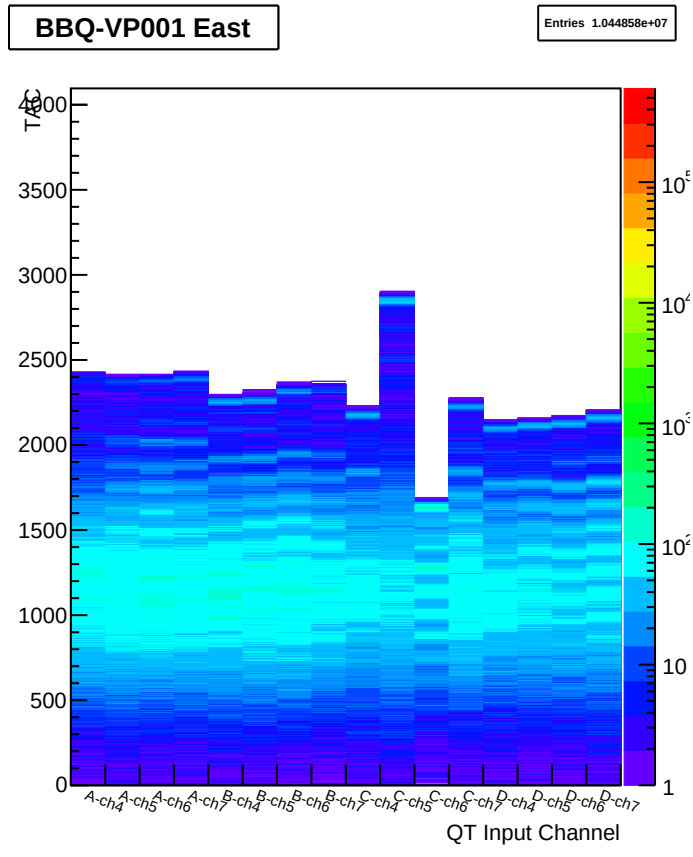

BBQ-ZD001 (ZDC TOWER)
Entries 1.044858e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

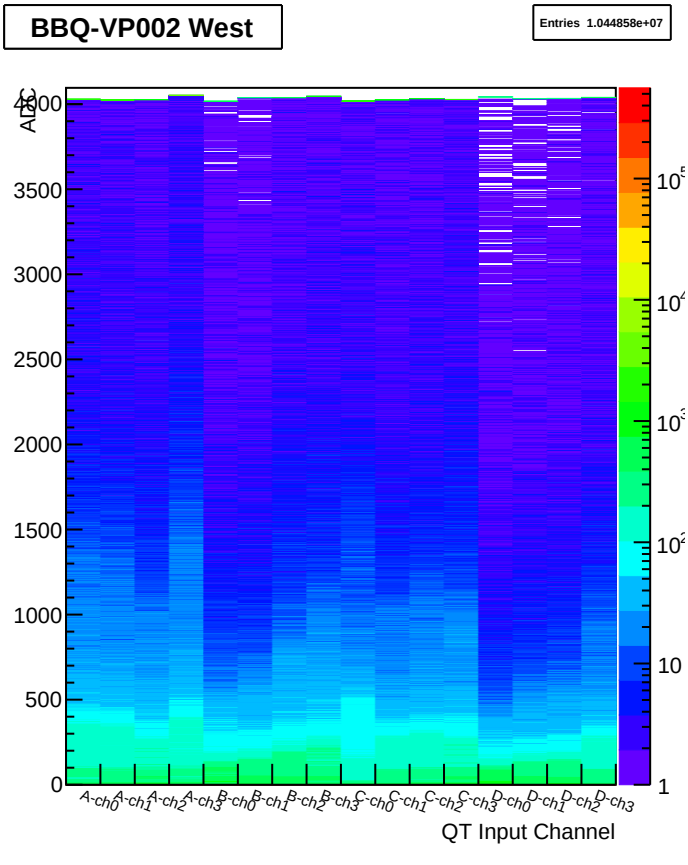

BBQ-ZD001 (ZDC TOWER)
Entries 1.044858e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

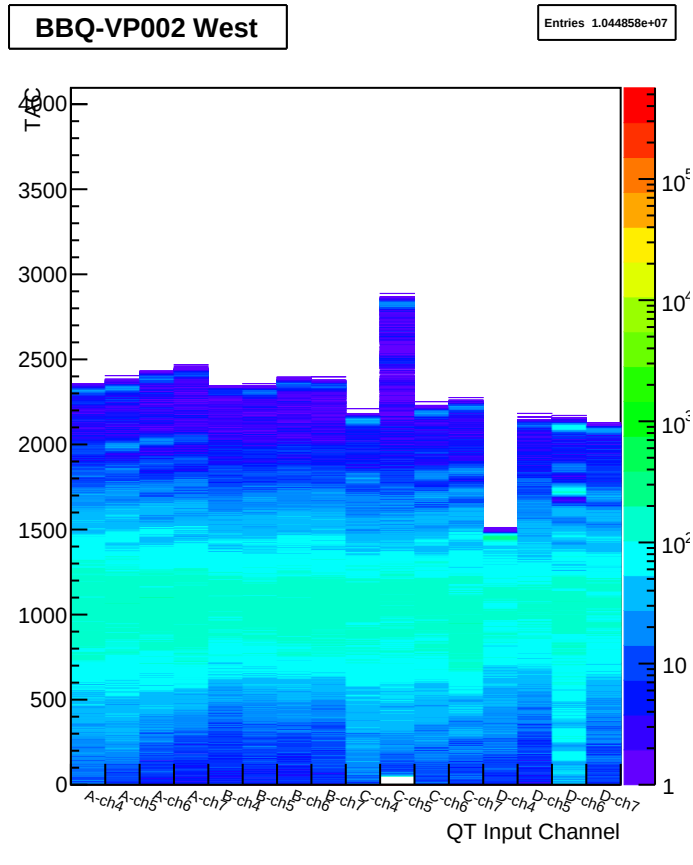

rawzdcEastTac
Entries 653036

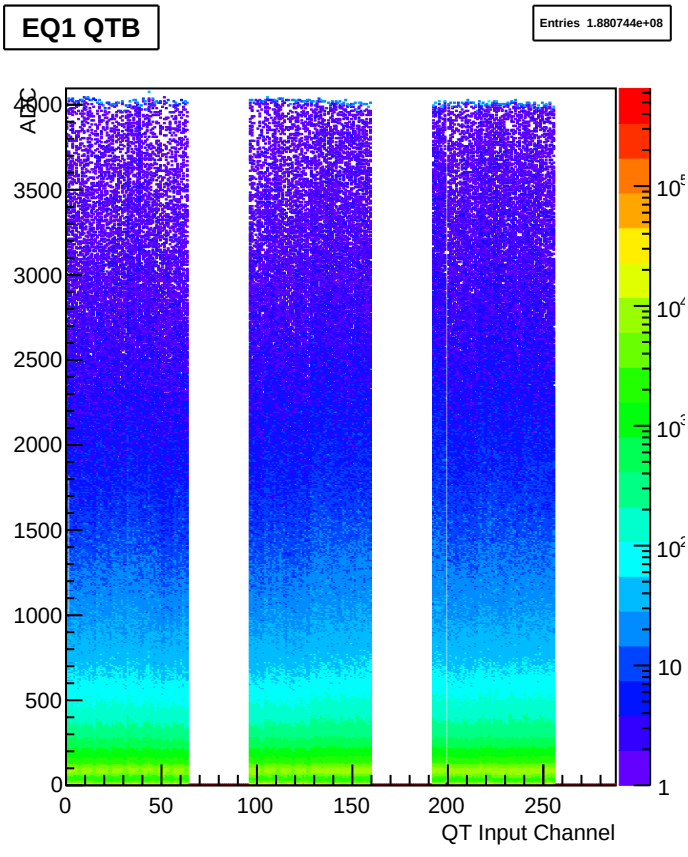

rawzdcWestTac
Entries 653036

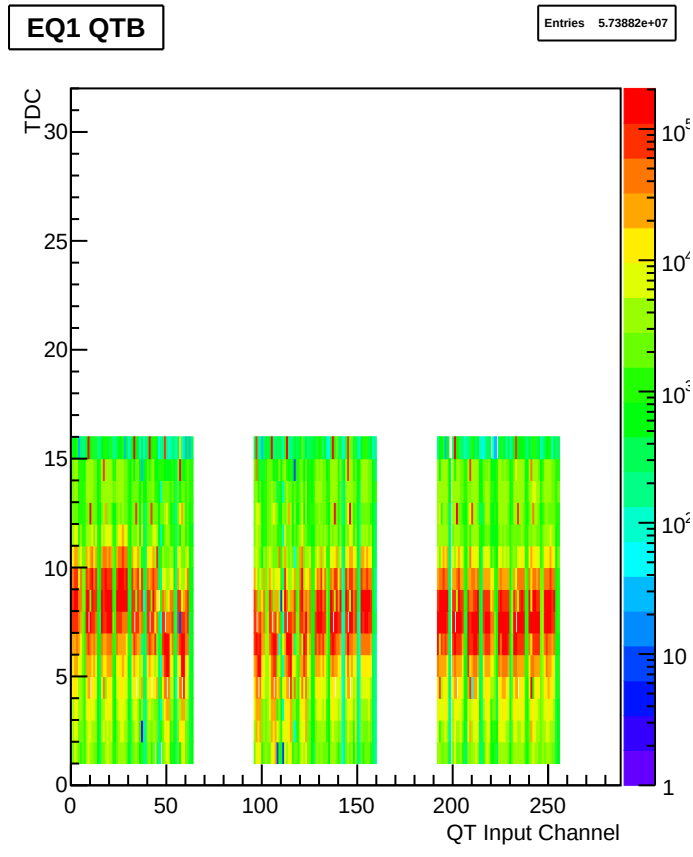

BBQ-VP001 East
Entries 1.044858e+07
ADC
QT Input Channel

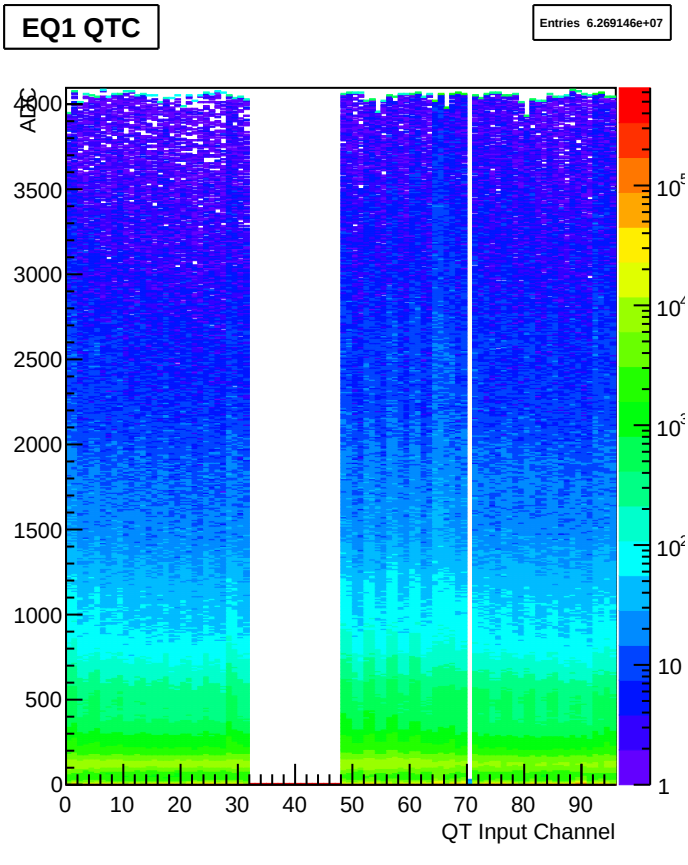

BBQ-VP001 East
Entries 1.044858e+07
TADC
QT Input Channel

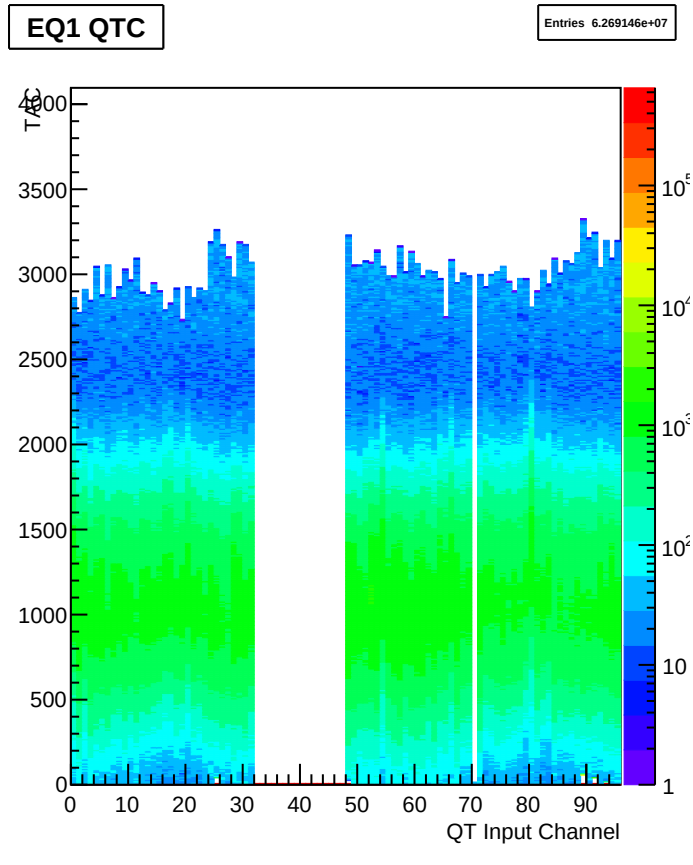

BBQ-VP002 West
Entries 1.044858e+07
ADC
QT Input Channel

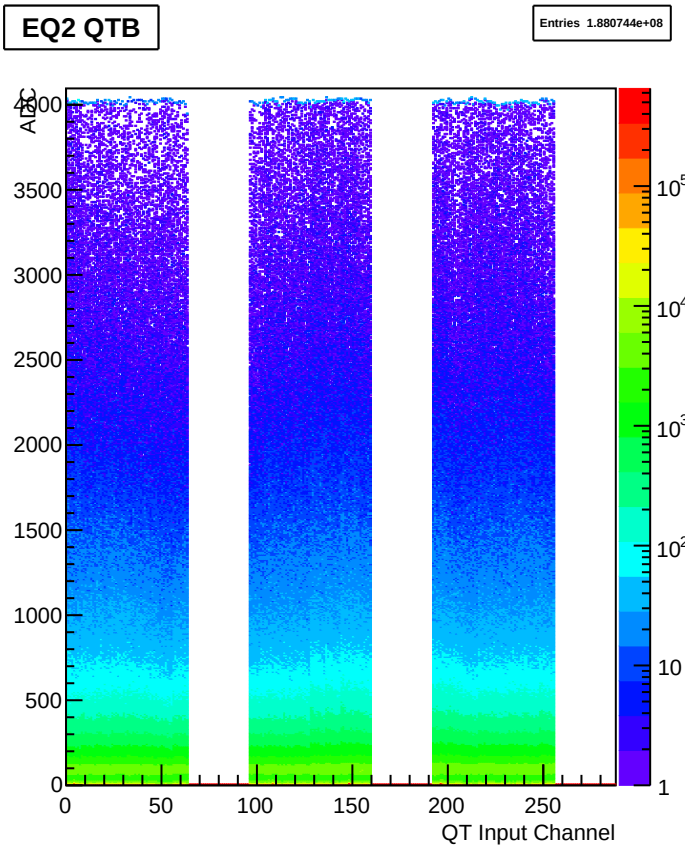

BBQ-VP002 West
Entries 1.044858e+07
TADC
QT Input Channel

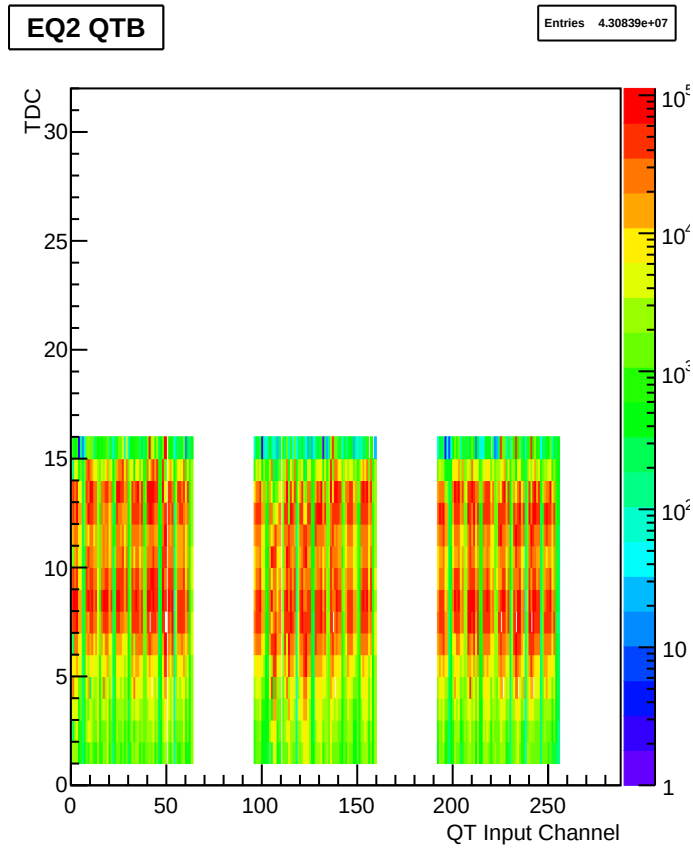

EQ1 QTB
Entries 1.880744e+08
ADC
QT Input Channel

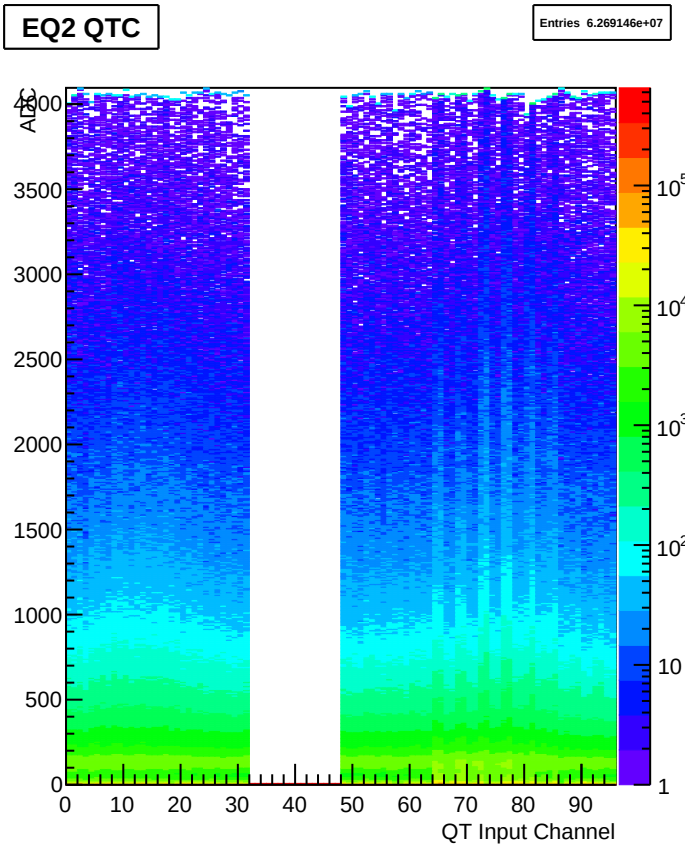

EQ1 QTB
Entries 5.73882e+07
TDC
QT Input Channel

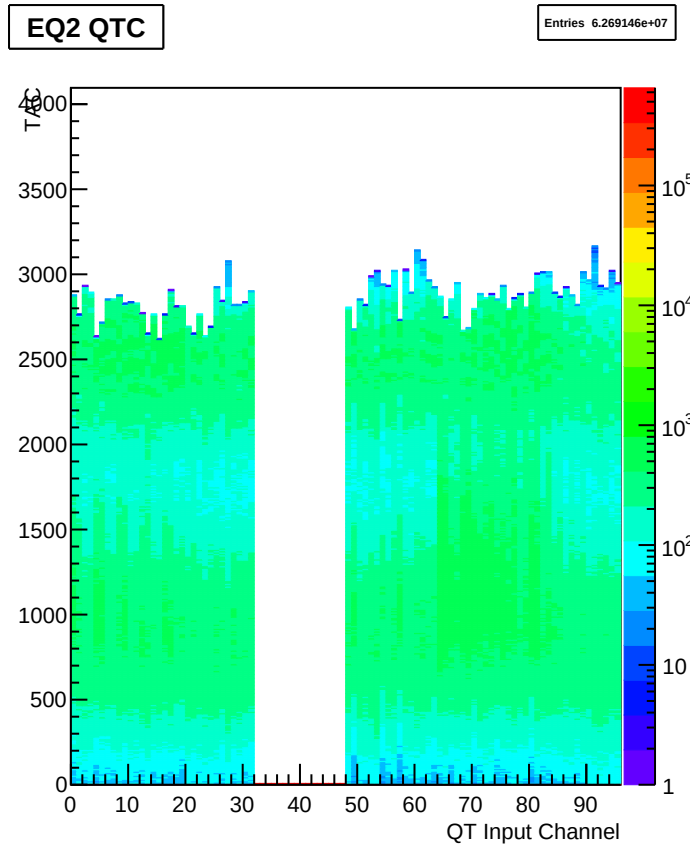

EQ1 QTC
Entries 6.269146e+07
ADC
QT Input Channel

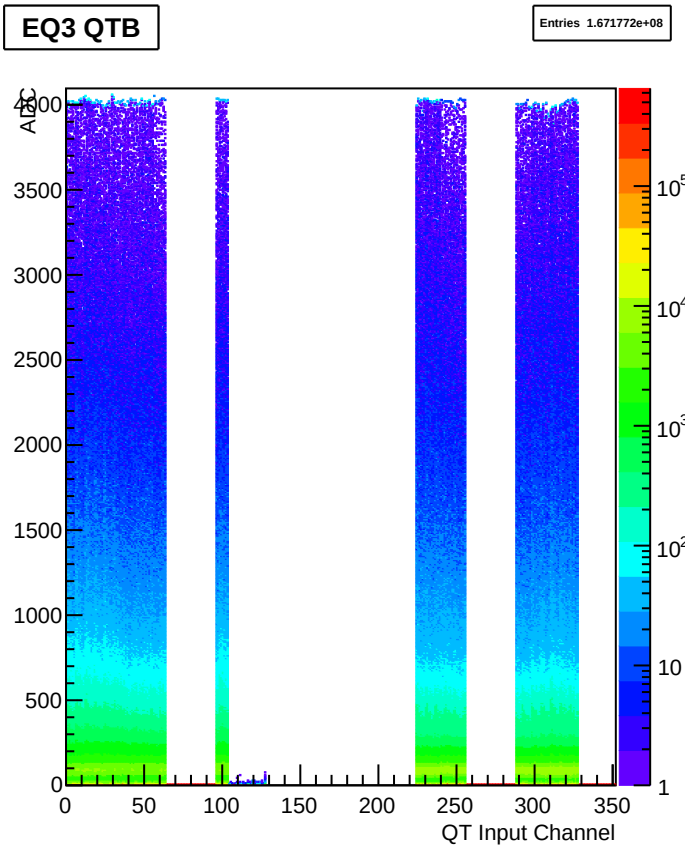

EQ1 QTC
Entries 6.269146e+07
TADC
QT Input Channel

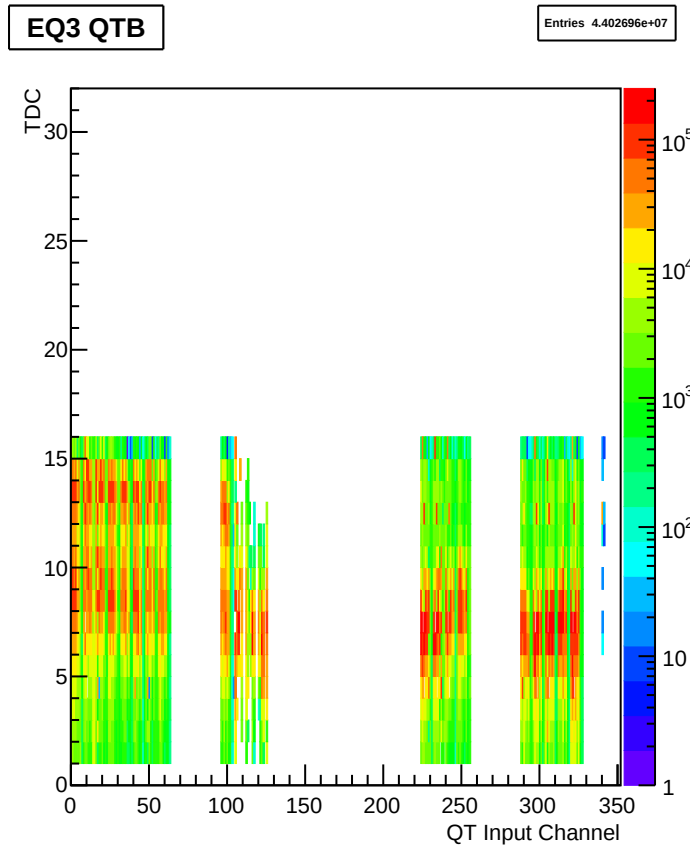

EQ2 QTB
Entries 1.880744e+08
ADC
QT Input Channel

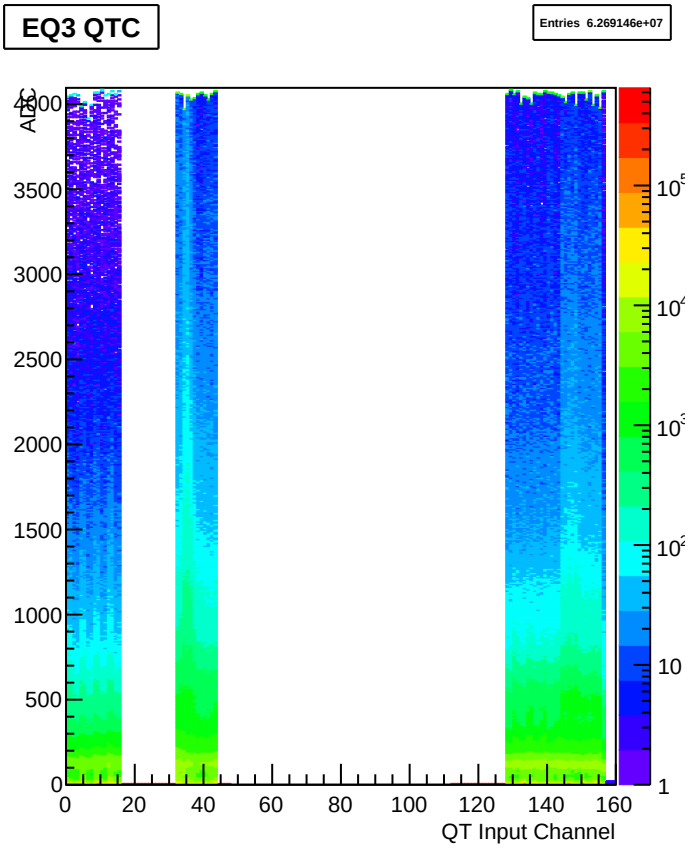

EQ2 QTB
Entries 4.30839e+07
TDC
QT Input Channel


EQ2 QTC
Entries 6.269146e+07
ADC
QT Input Channel


EQ2 QTC
Entries 6.269146e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.671772e+08
ADC
QT Input Channel


EQ3 QTB
Entries 4.402696e+07
TDC
QT Input Channel


EQ3 QTC
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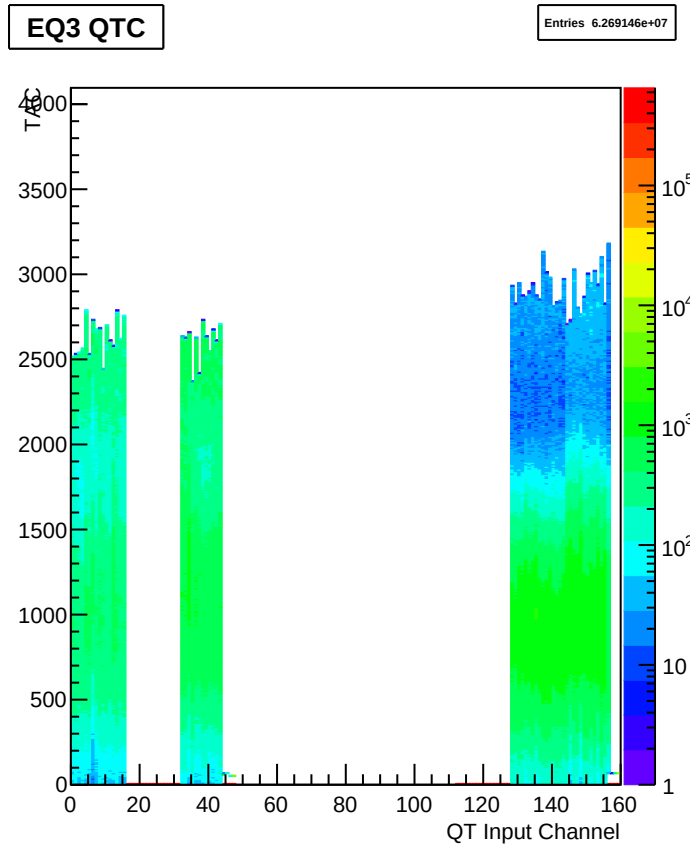
ADC
QT Input Channel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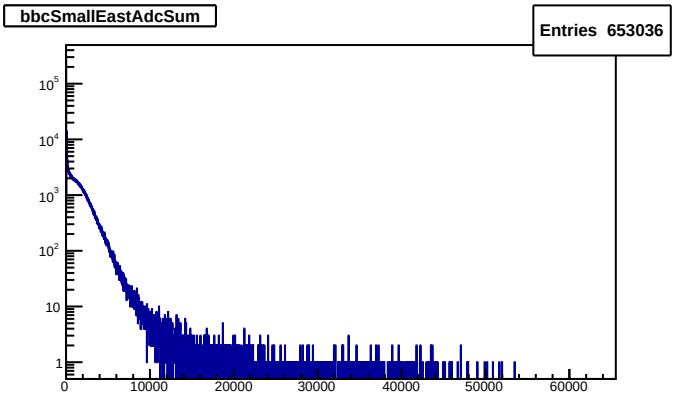
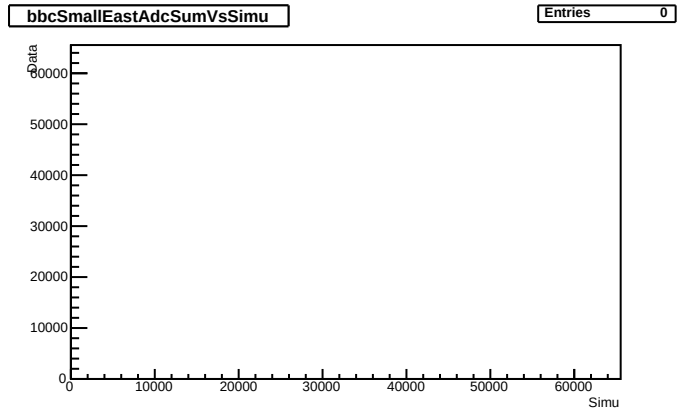
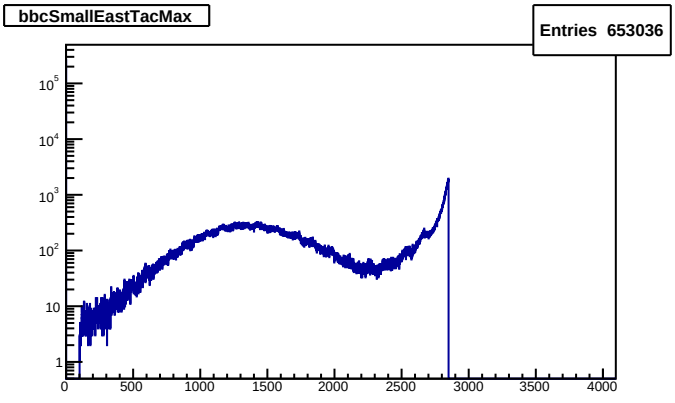
QT Input Channel


bbcSmallEastAdcSum
Entries 653036


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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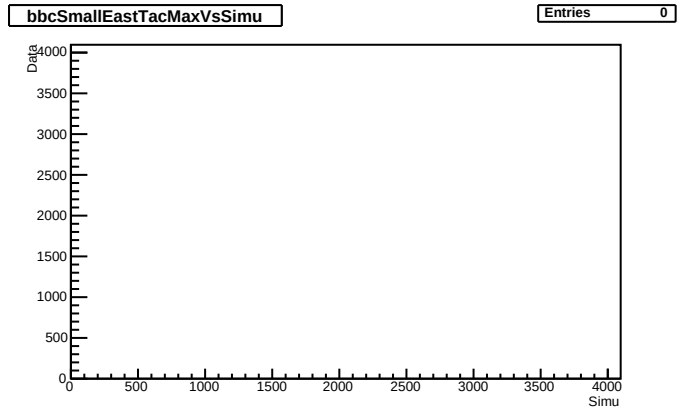
Entries 653036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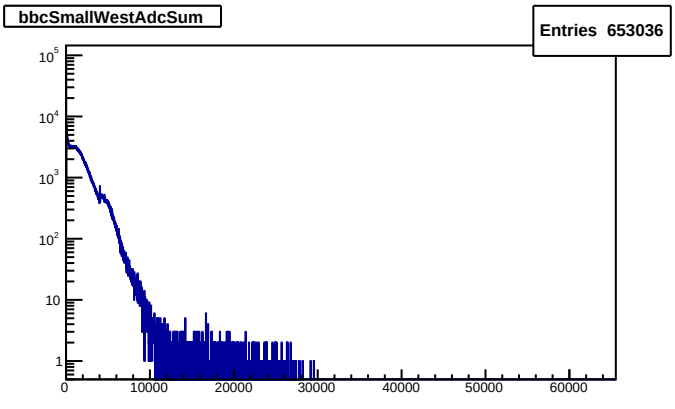
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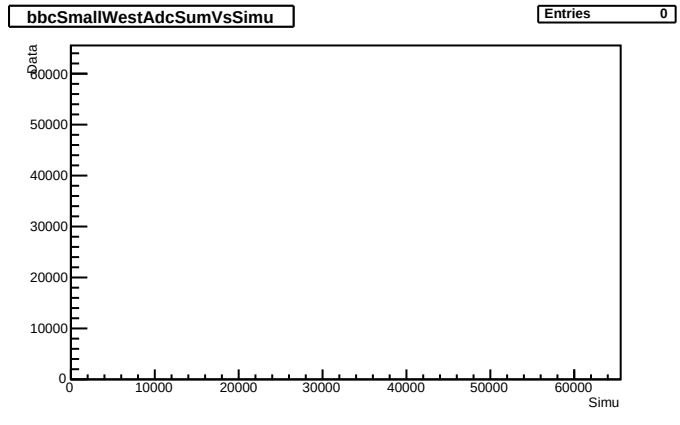
Entries 653036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Entries 0
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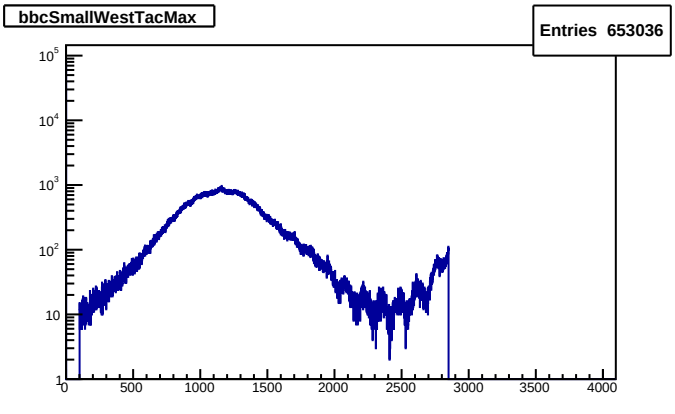
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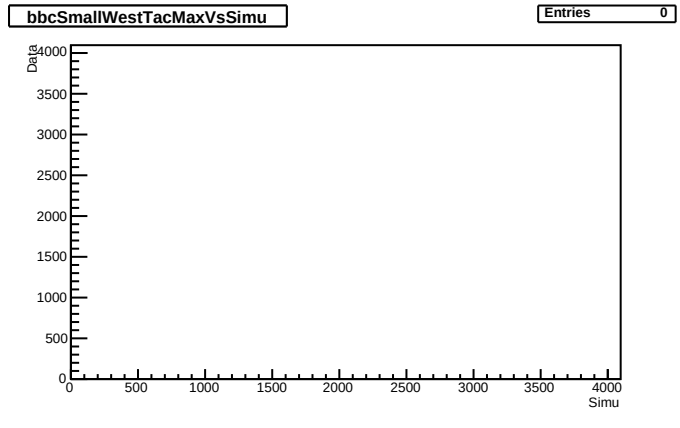
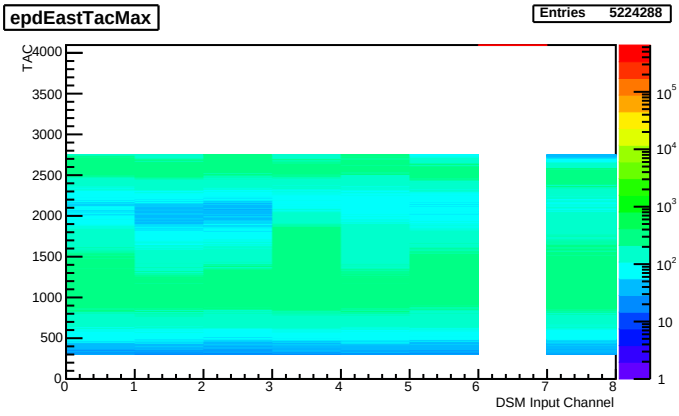
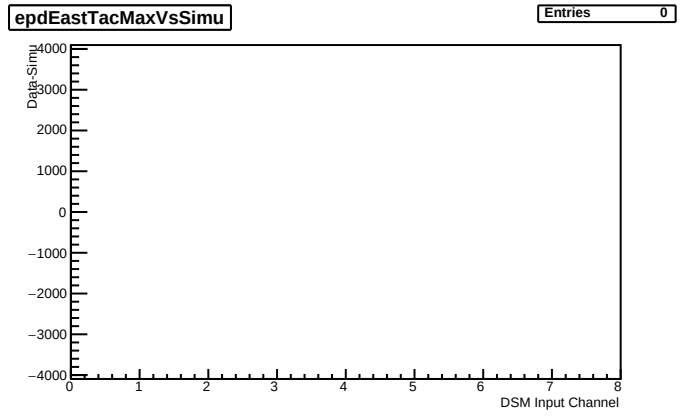
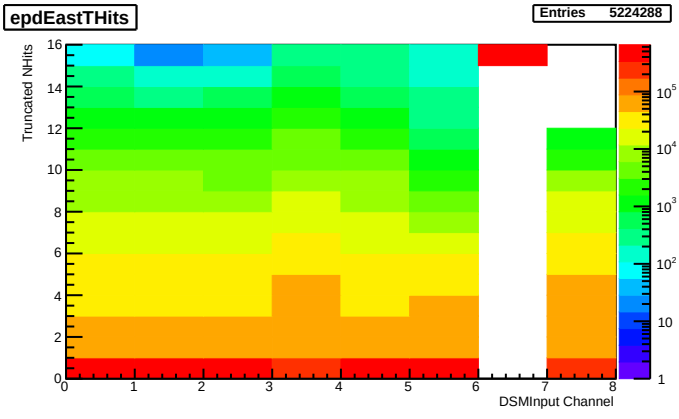
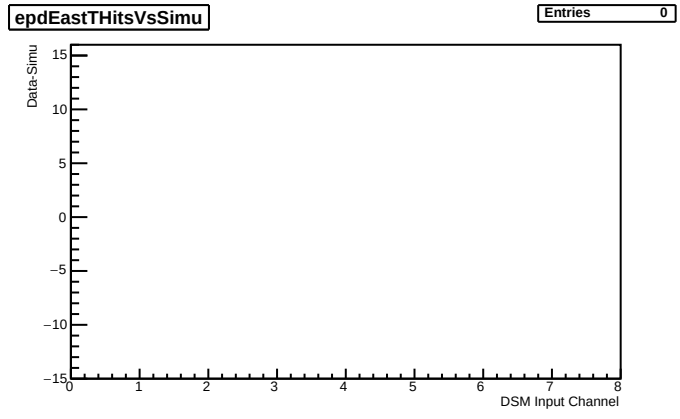
Entries 653036


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5224288
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5224288
Truncated NHits
DSMInput Channel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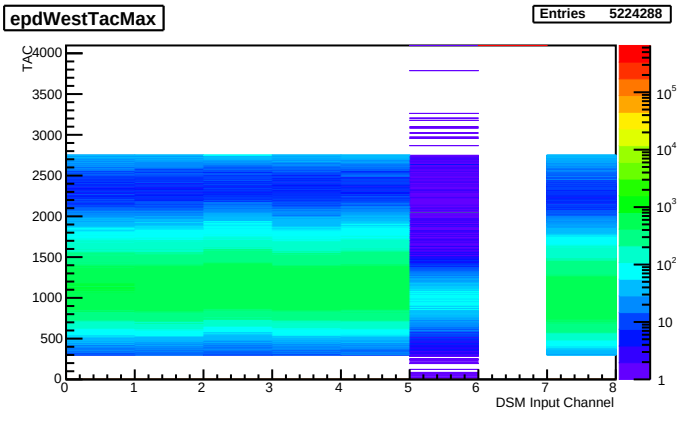
DSM Input Channel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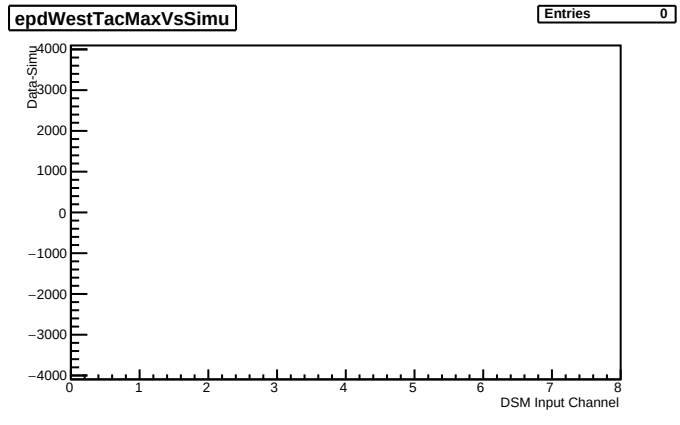
Entries 5224288
TAC
DSM Input Channel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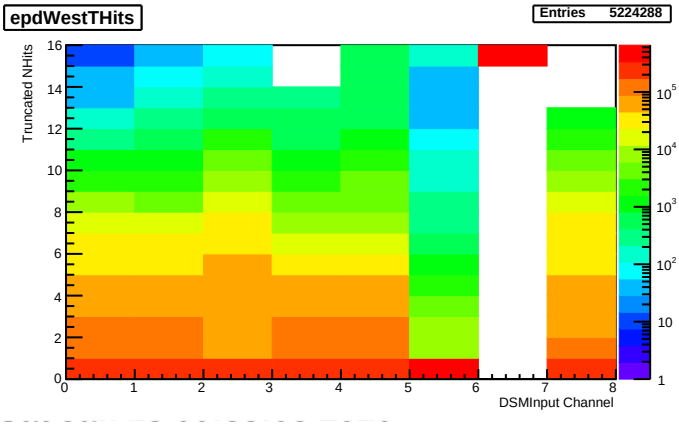
Entries 0
Data-Simu
DSM Input Channel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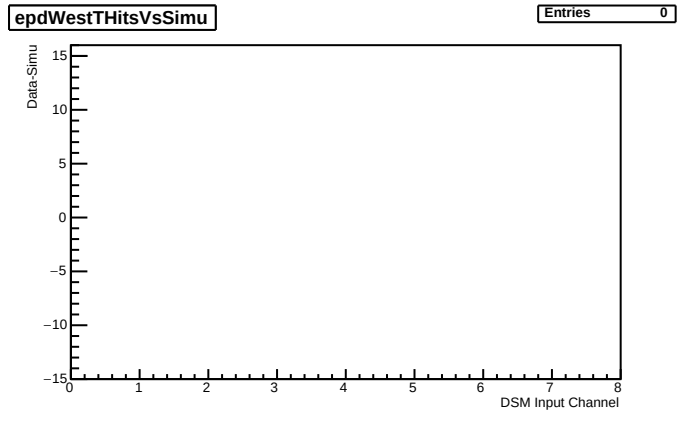
Truncated NHits
DSMInput Channel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Entries 0
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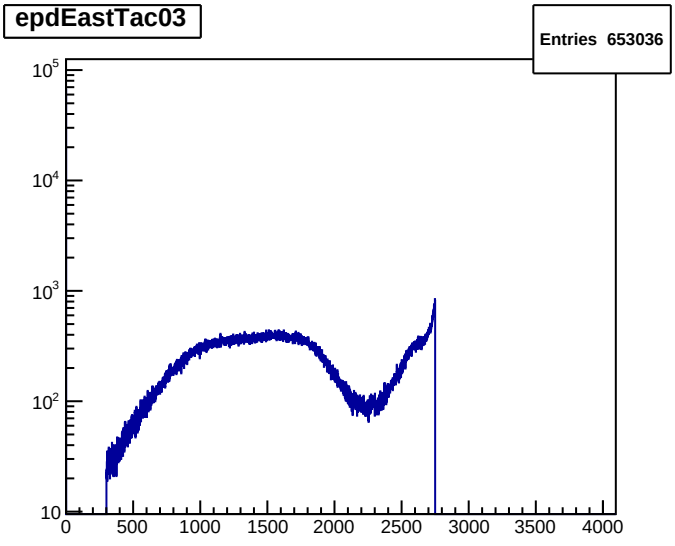
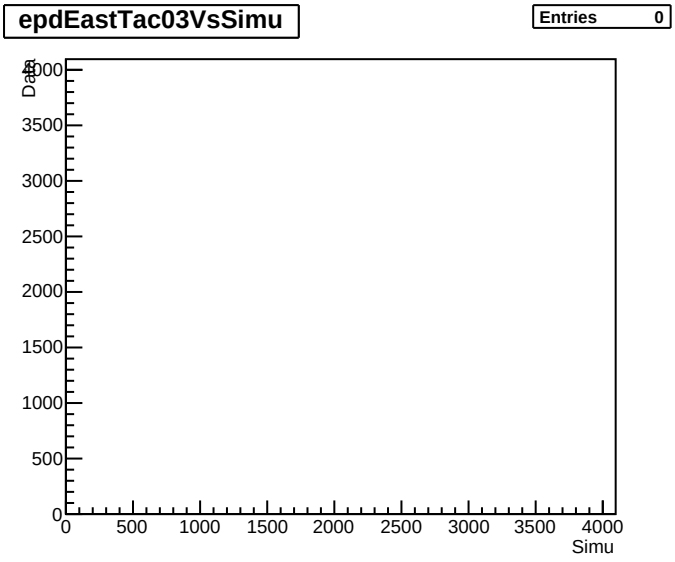
DSM Input Channel


epdEastTac03
Entries 653036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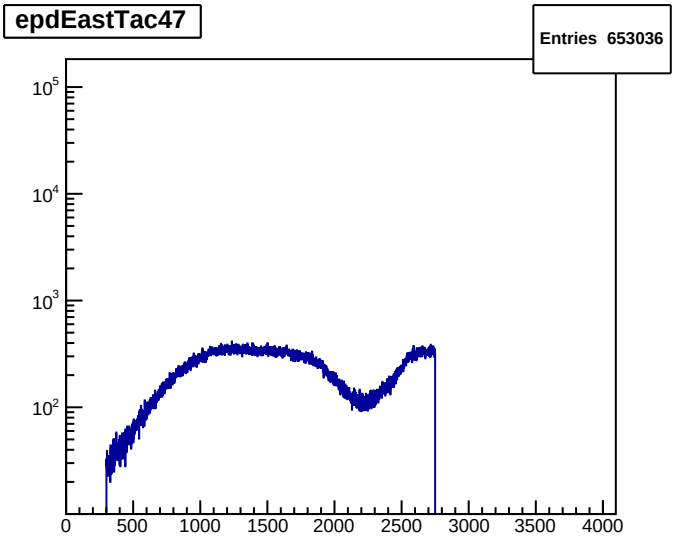
Entries 0
Data
Simu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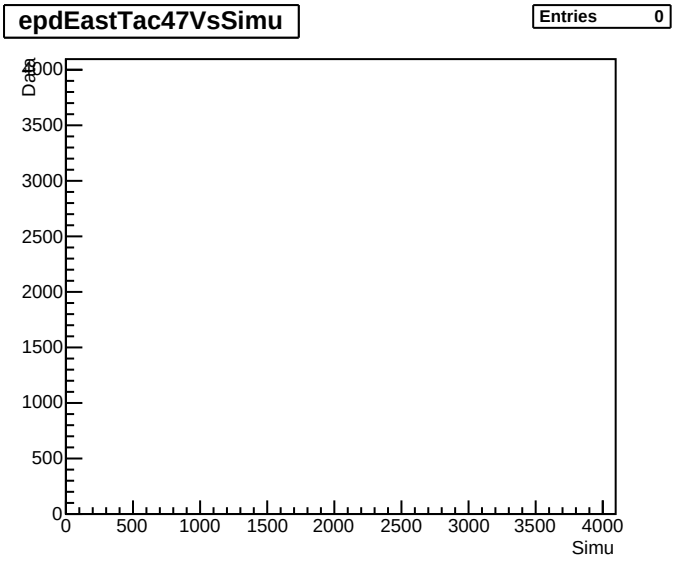
Entries 653036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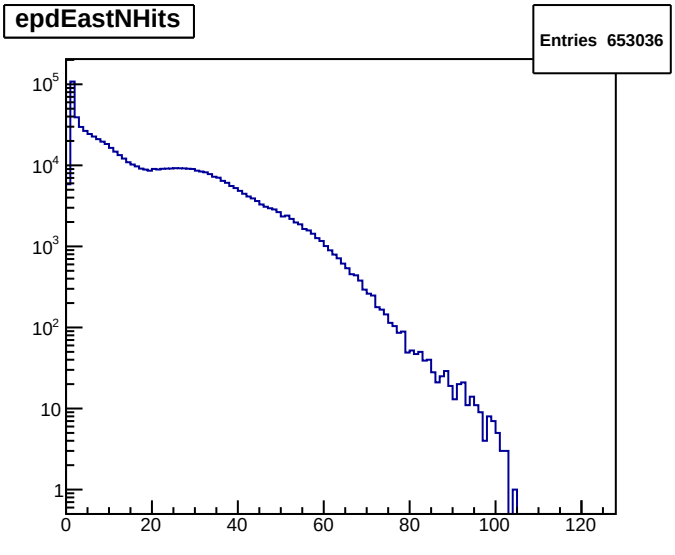
Data
Simu


epdEastNHits
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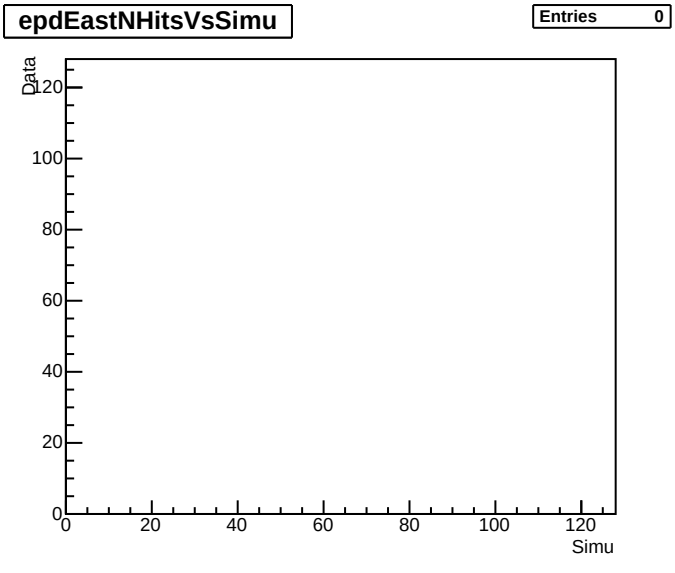
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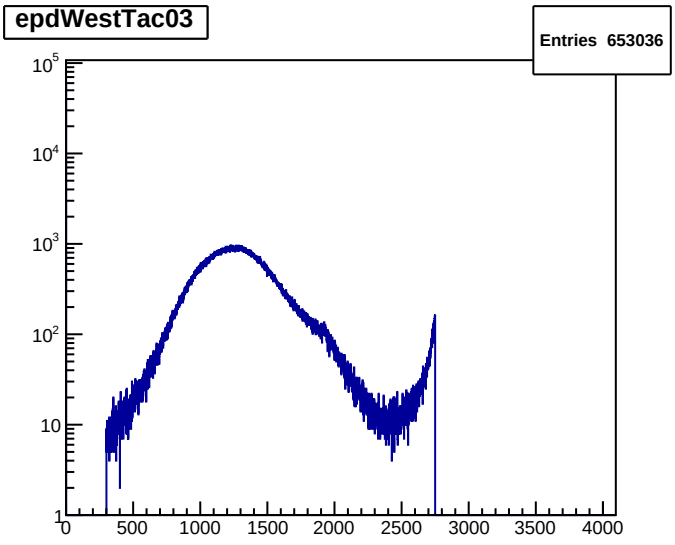
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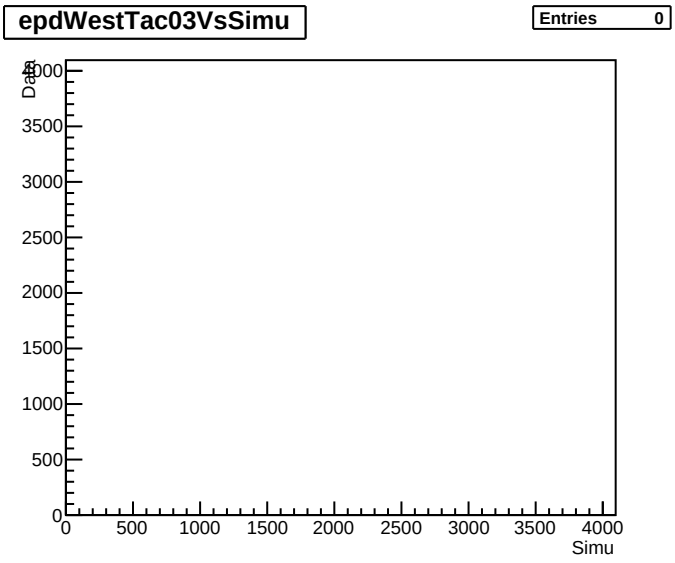
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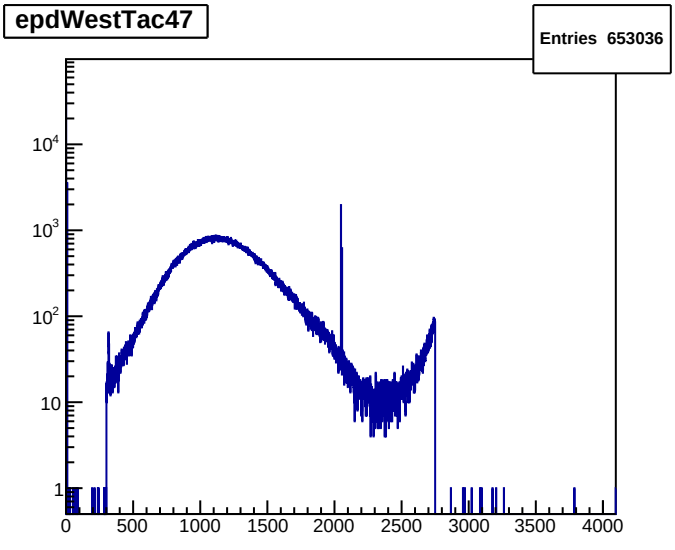
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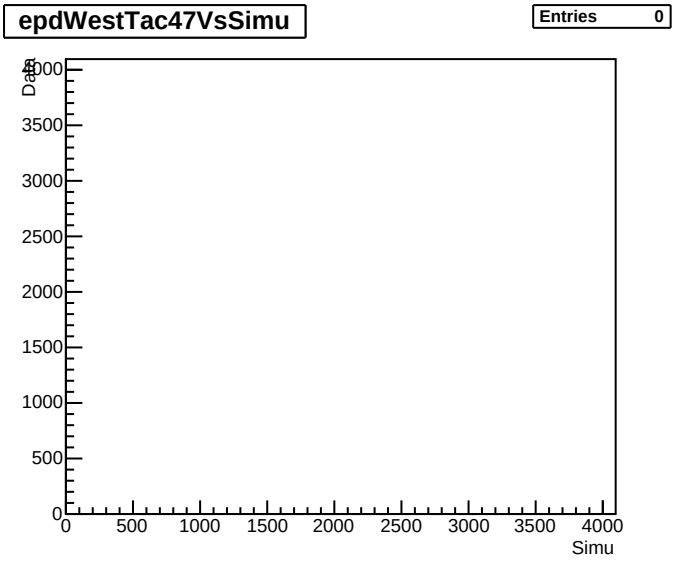
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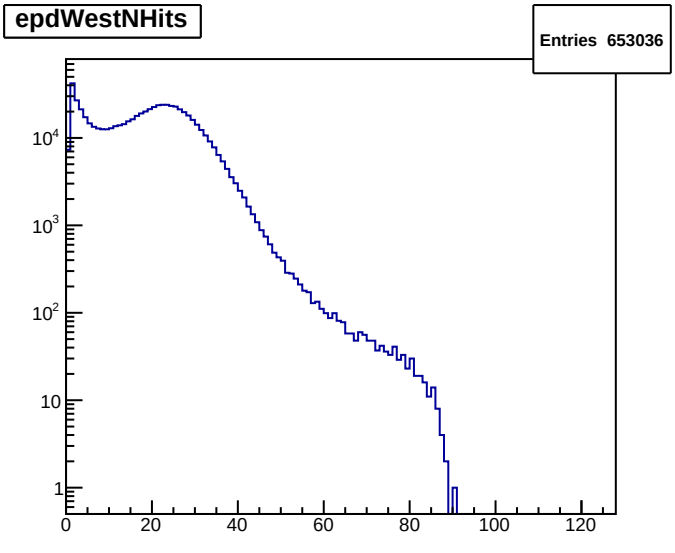
Data
Simu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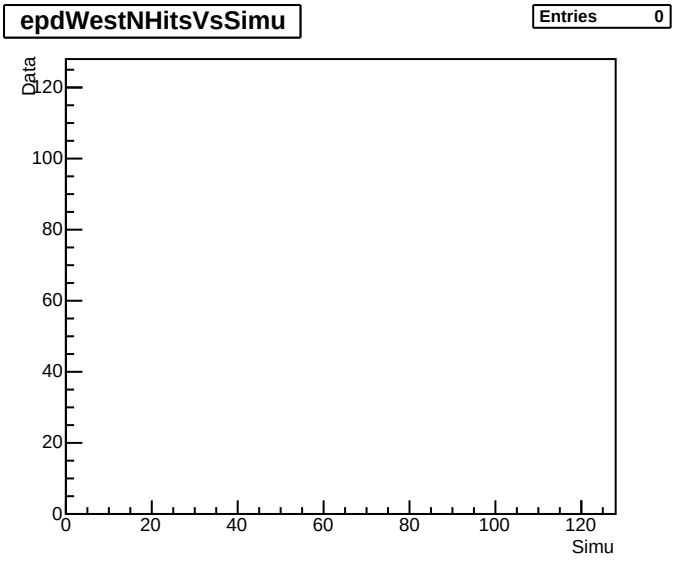
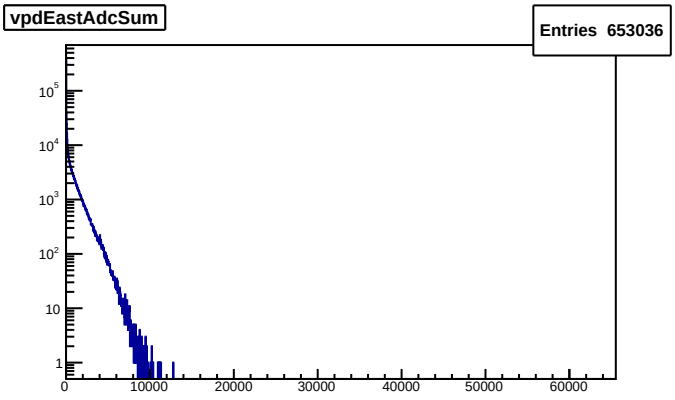
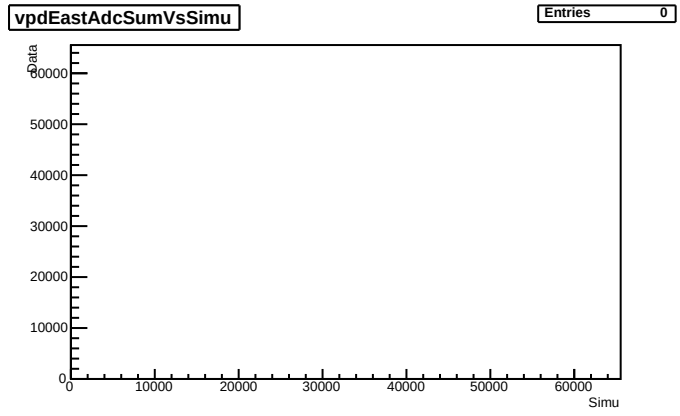
Entries 653036


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 653036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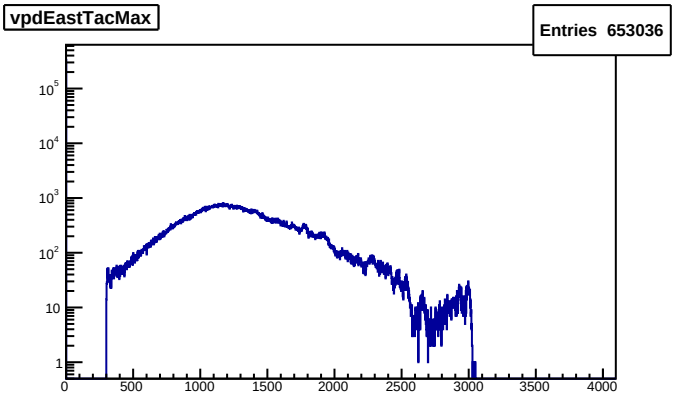
Entries 0
Data
Simu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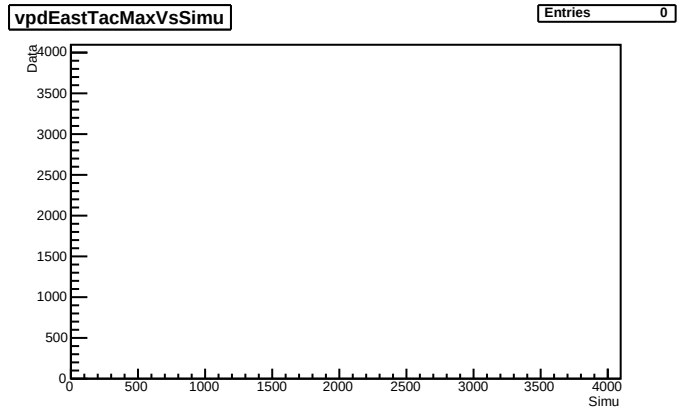
Entries 653036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Entries 0
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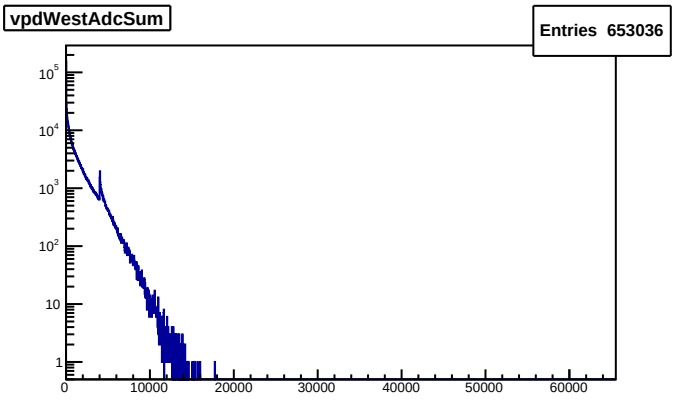
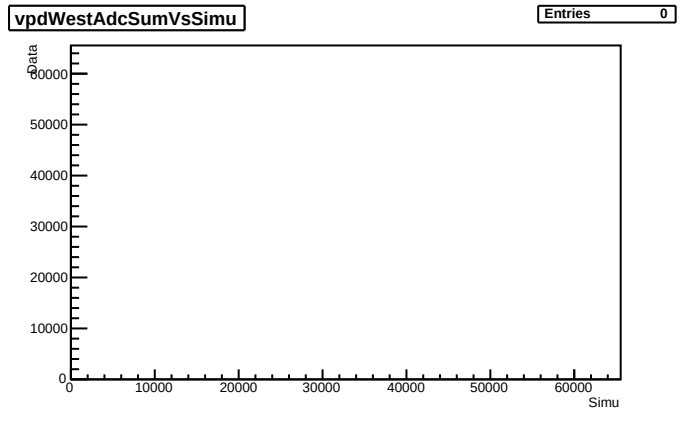
Simu


vpdWestAdcSum
Entries 653036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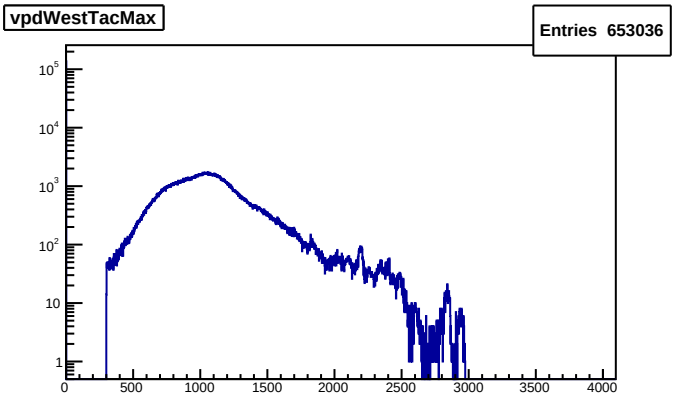
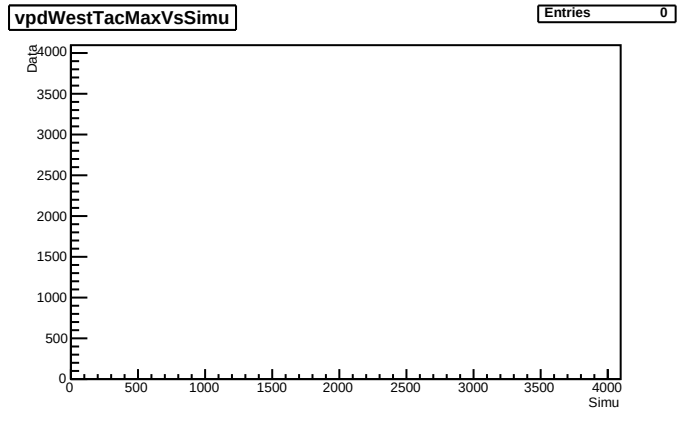
Entries 0
Data
Simu


vpdWestTacMax
Entries 653036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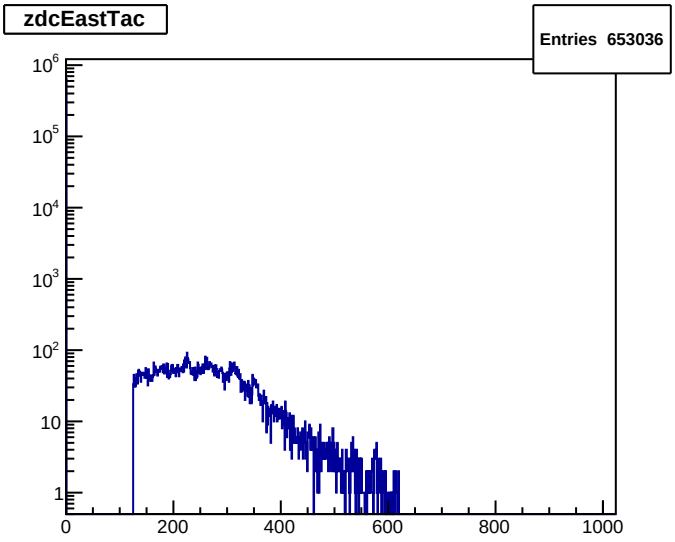
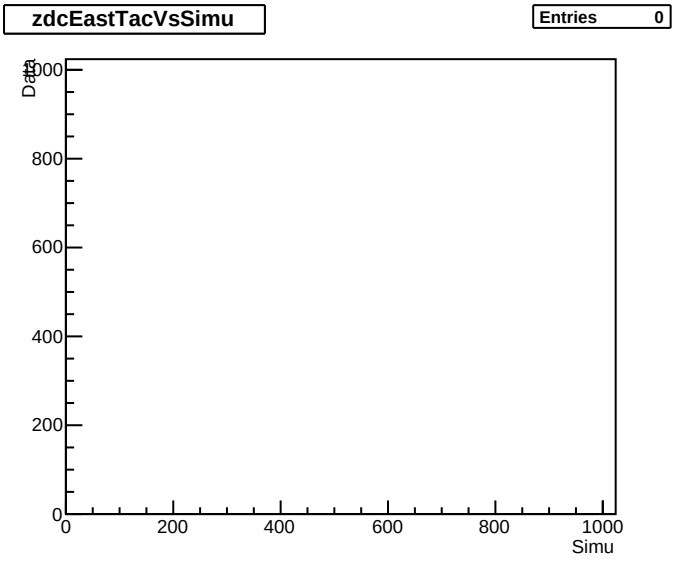
Entries 0
Data
Simu


zdcEastTac
Entries 653036


zdcEastTacVsSimu
Entries 0
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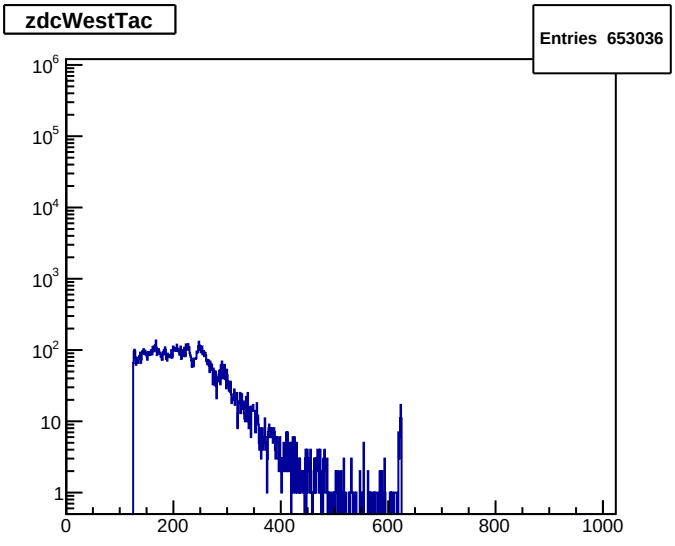
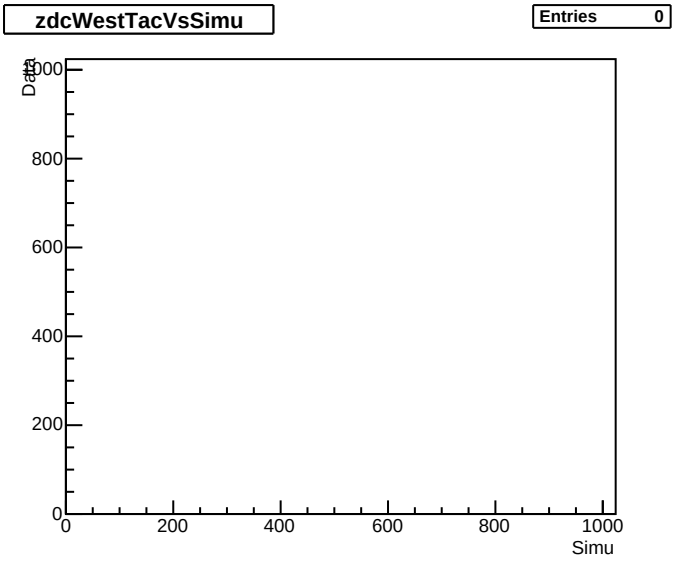
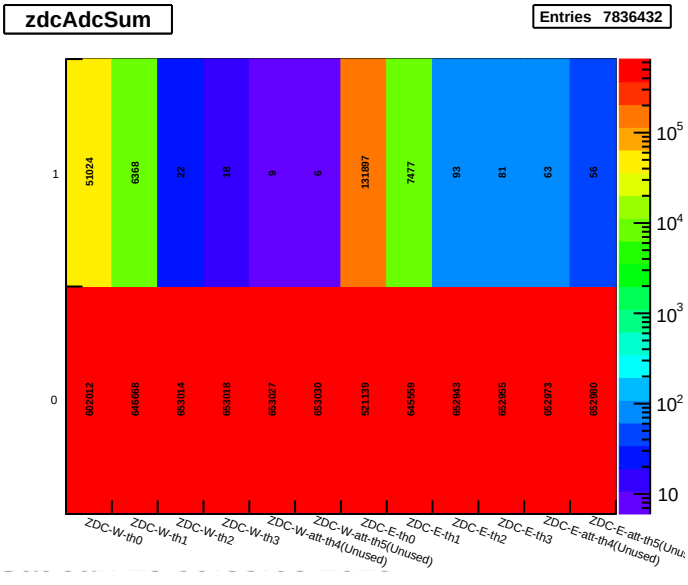
Simu


zdcWestTac
Entries 653036


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 7836432
51024
6368
22
18
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131897
7477
93
81
63
56
602012
646668
653014
653018
653027
653030
521139
645599
652943
652955
652973
652980
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
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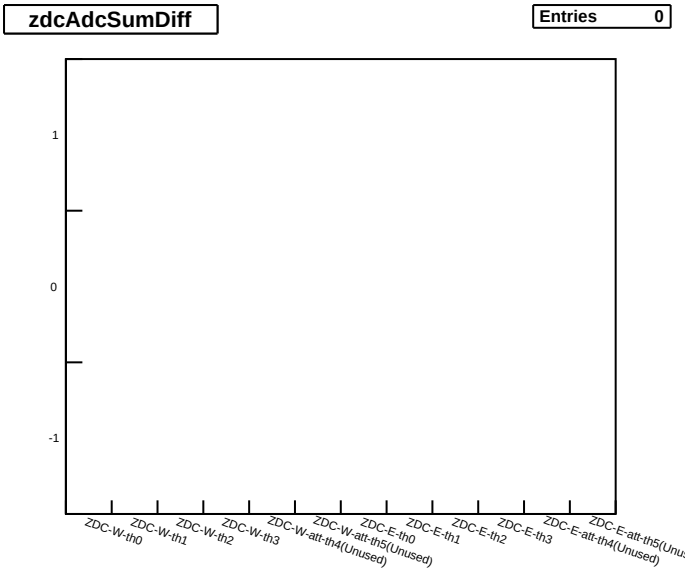
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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
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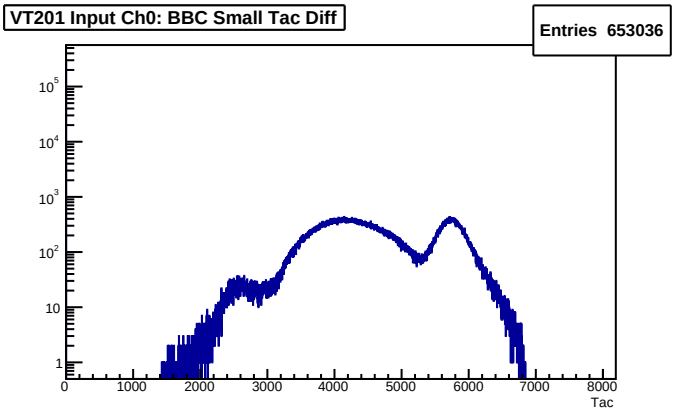
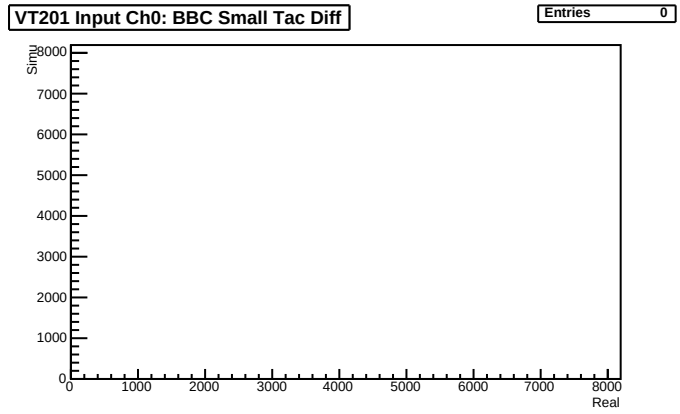
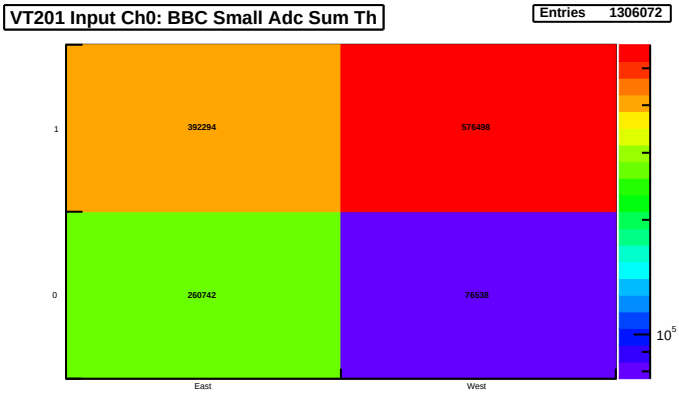
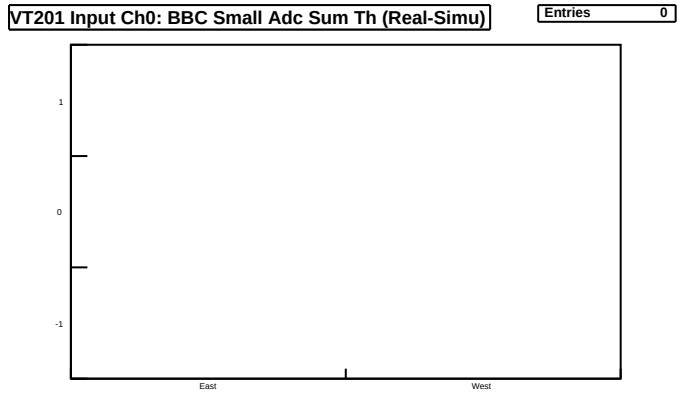
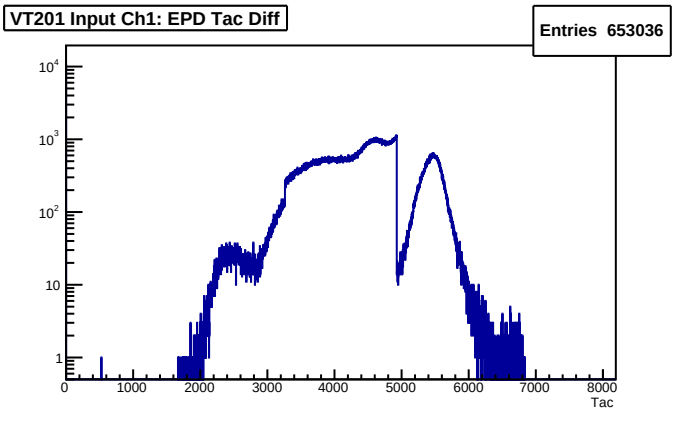
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

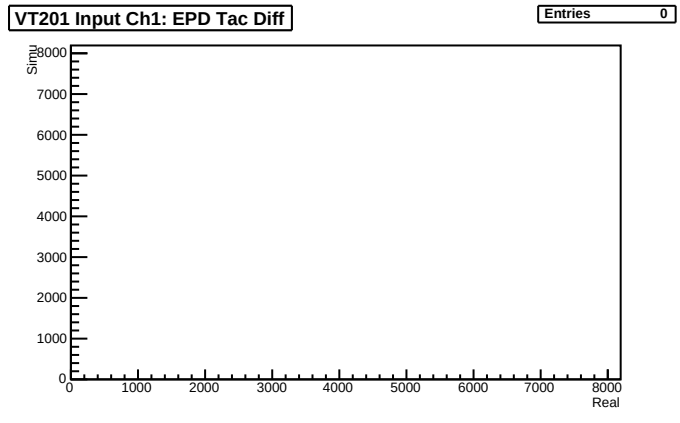

VT201 Input Ch0: BBC Small Tac Diff
Entries 653036
Tac

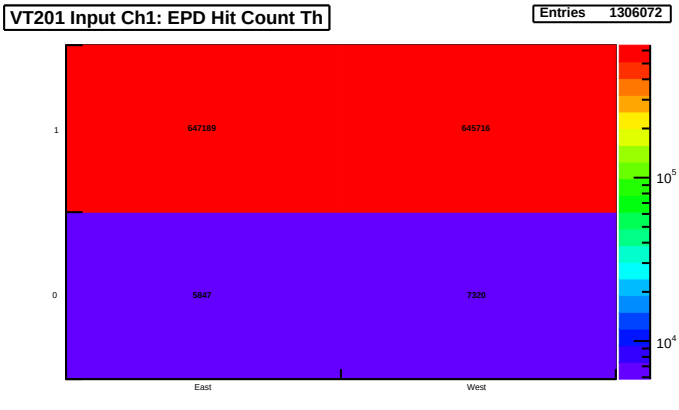

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

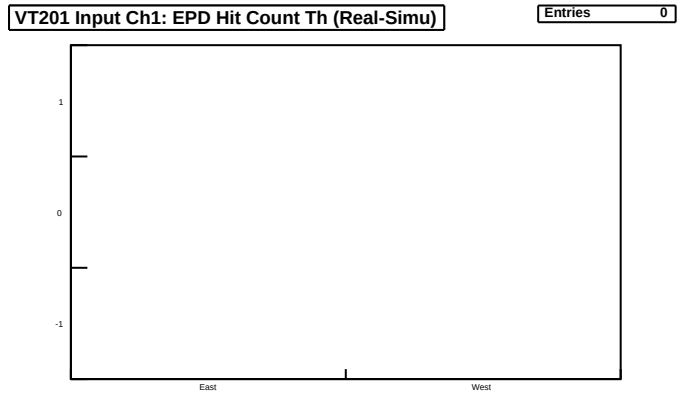

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1306072
392294
576498
260742
76538
East
West

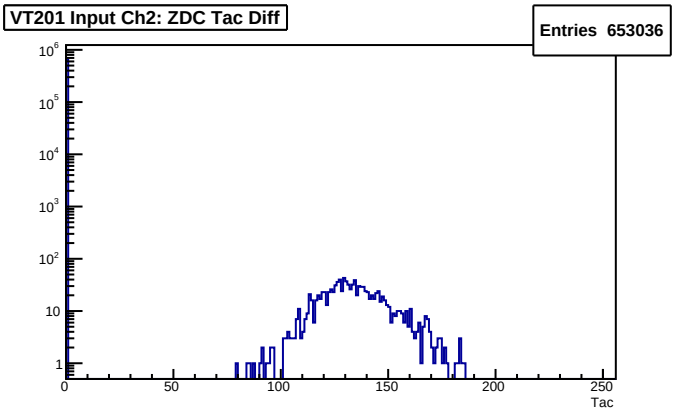

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

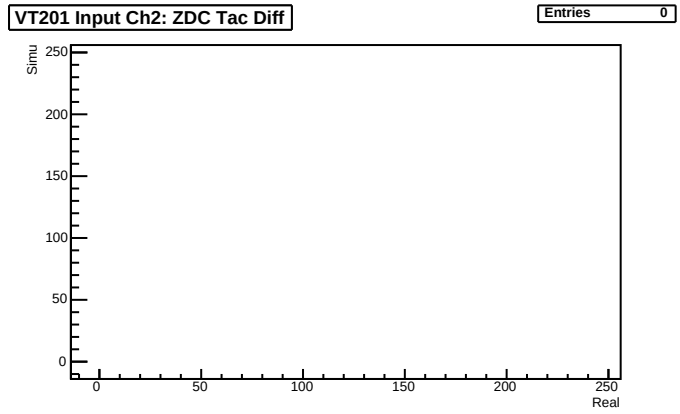

VT201 Input Ch1: EPD Tac Diff
Entries 653036
Tac

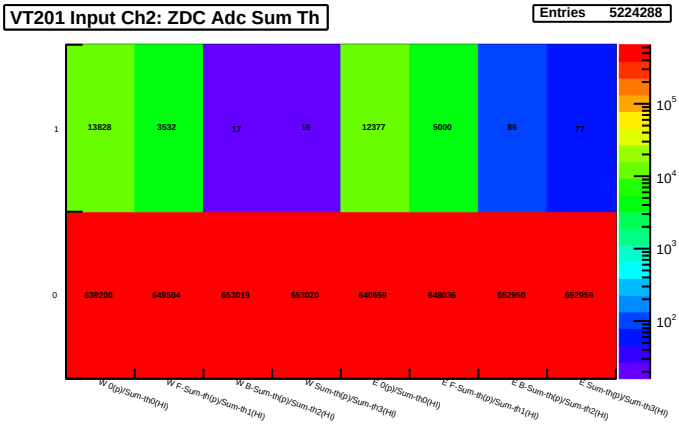

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

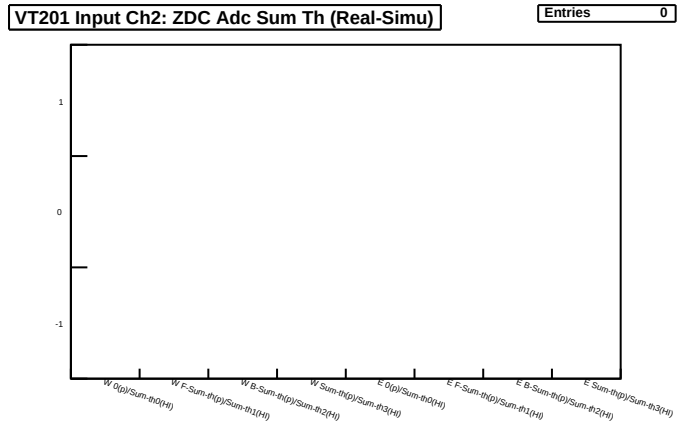

VT201 Input Ch1: EPD Hit Count Th
Entries 1306072
647189
645716
5847
7320
East
West

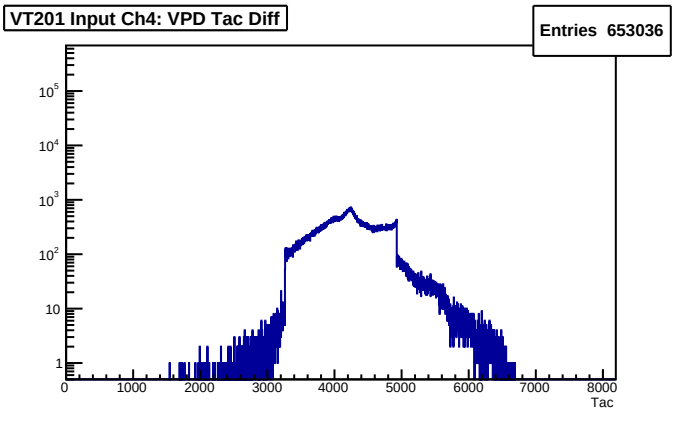

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

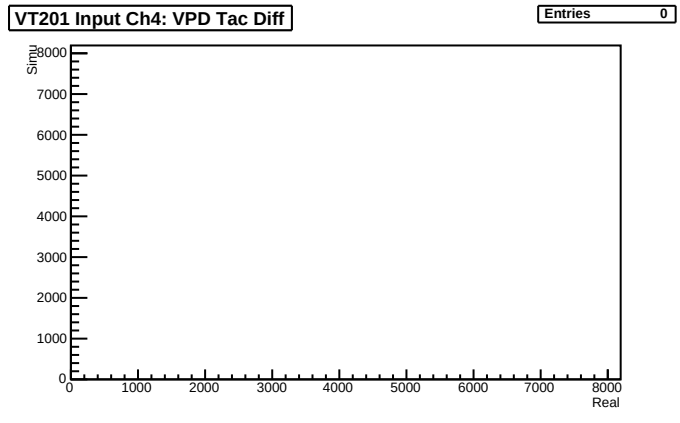

VT201 Input Ch2: ZDC Tac Diff
Entries 653036
Tac

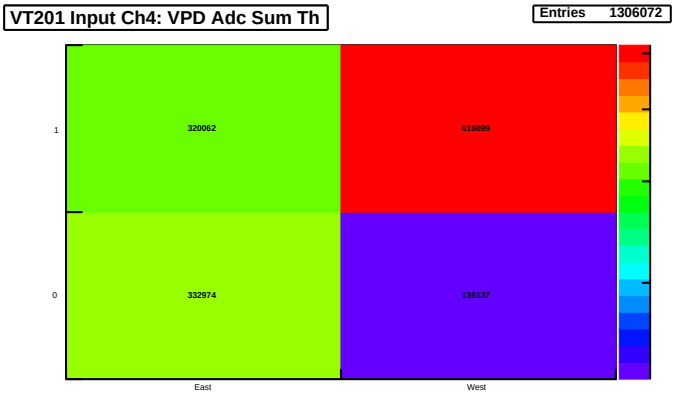

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

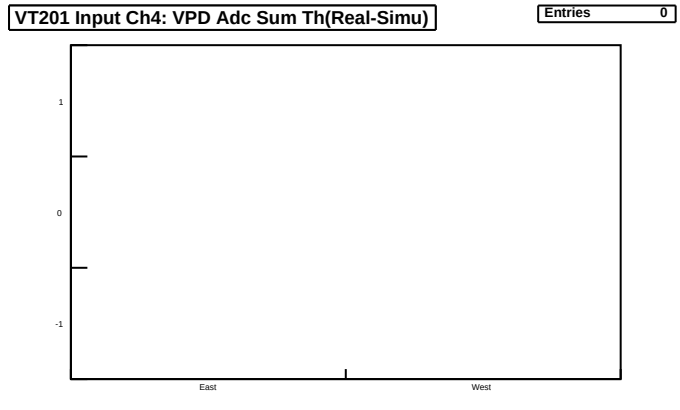

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5224288
13828
3532
17
16
12377
5000
86
77
639208
649504
653019
653020
640659
648036
652950
652959
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

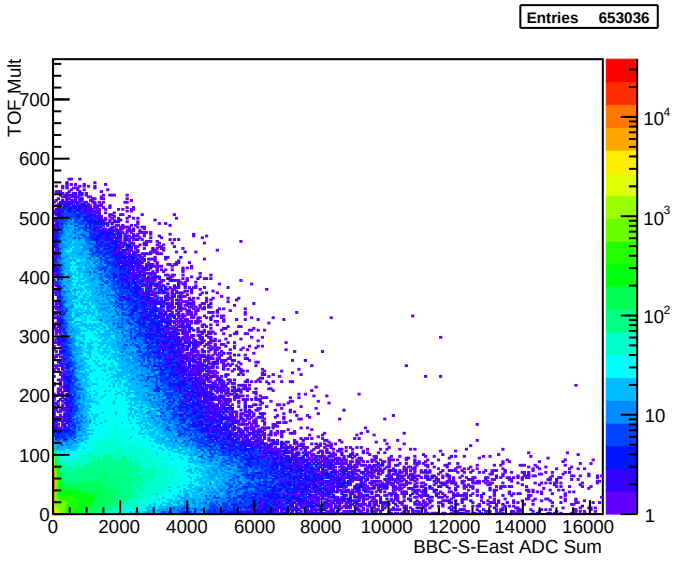

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

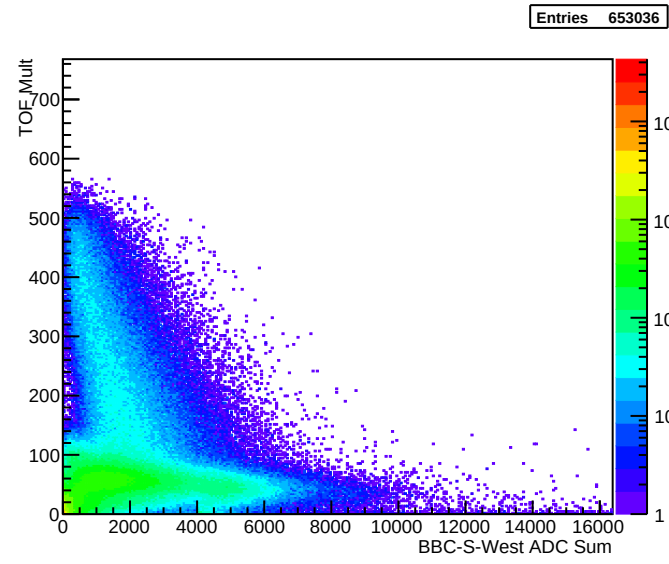

VT201 Input Ch4: VPD Tac Diff
Entries 653036
Tac

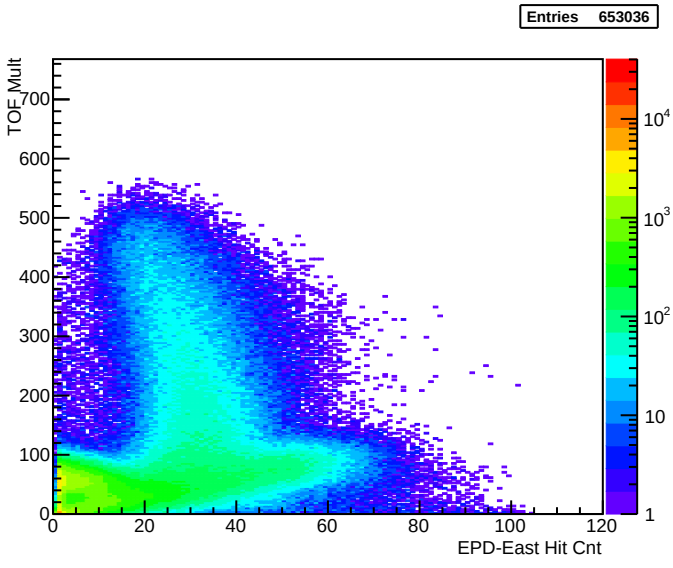

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

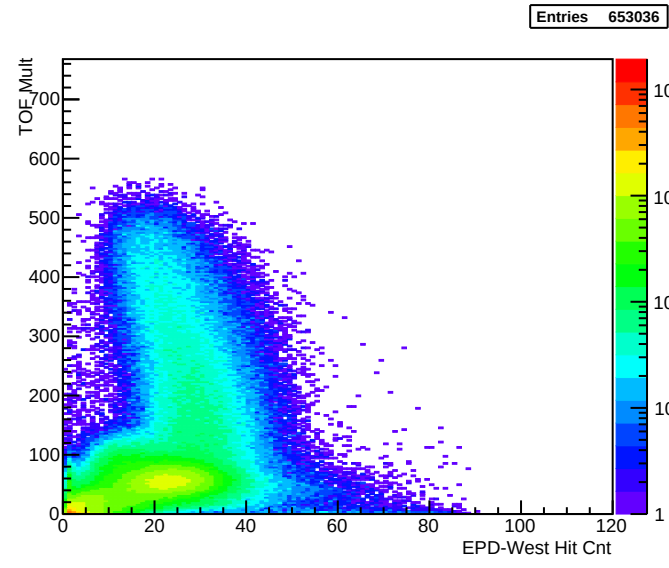

VT201 Input Ch4: VPD Adc Sum Th
Entries 1306072
320062
516899
332974
136137
East
West

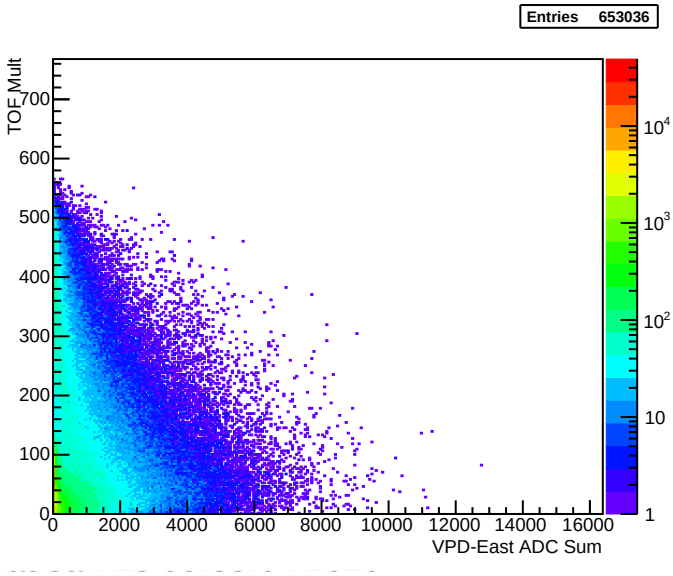

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

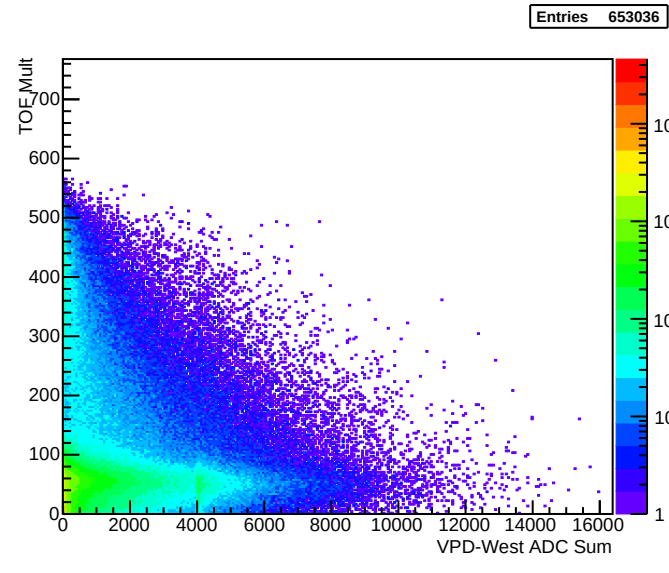

Entries 653036
TOF_Mult
BBC-S-East ADC Sum

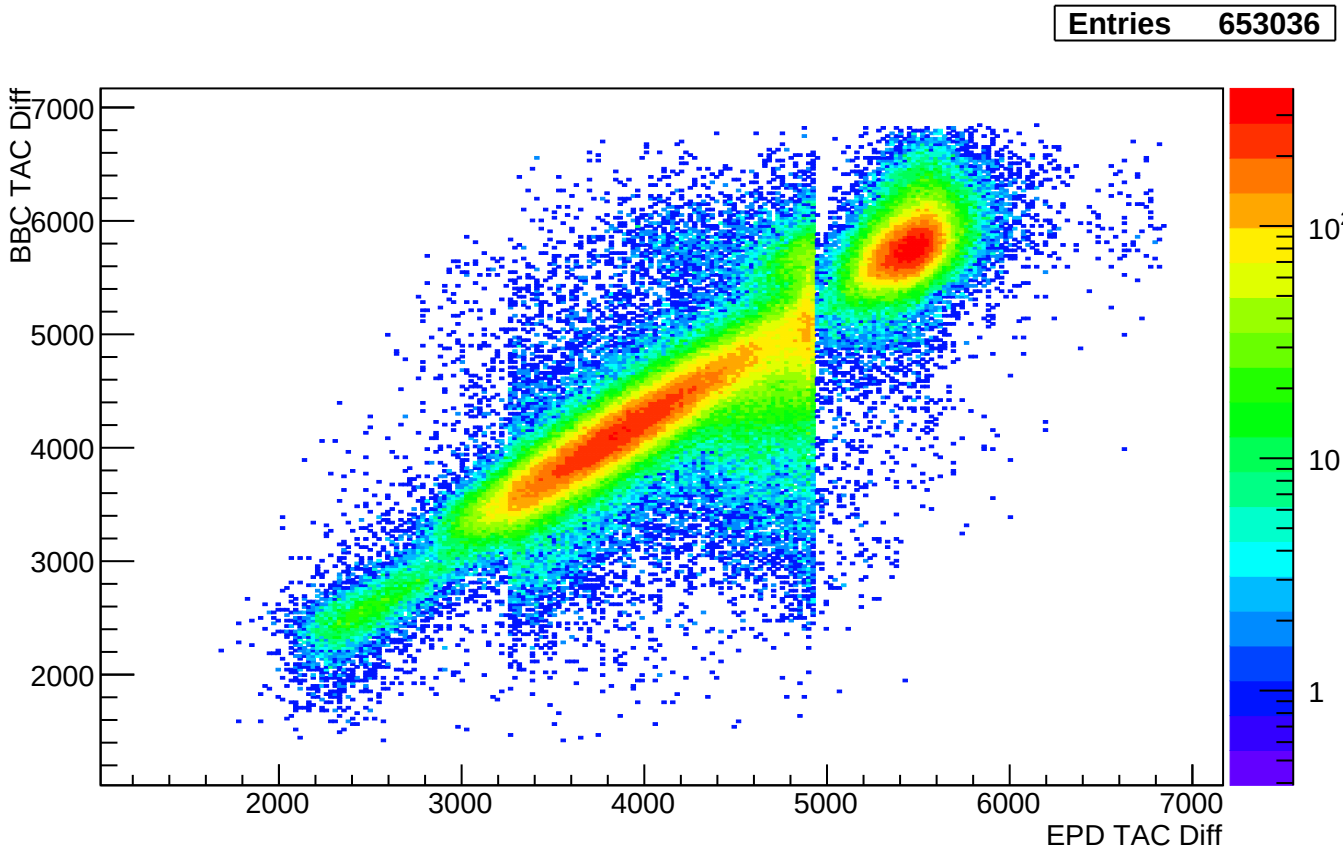

Entries 653036
TOF_Mult
BBC-S-West ADC Sum

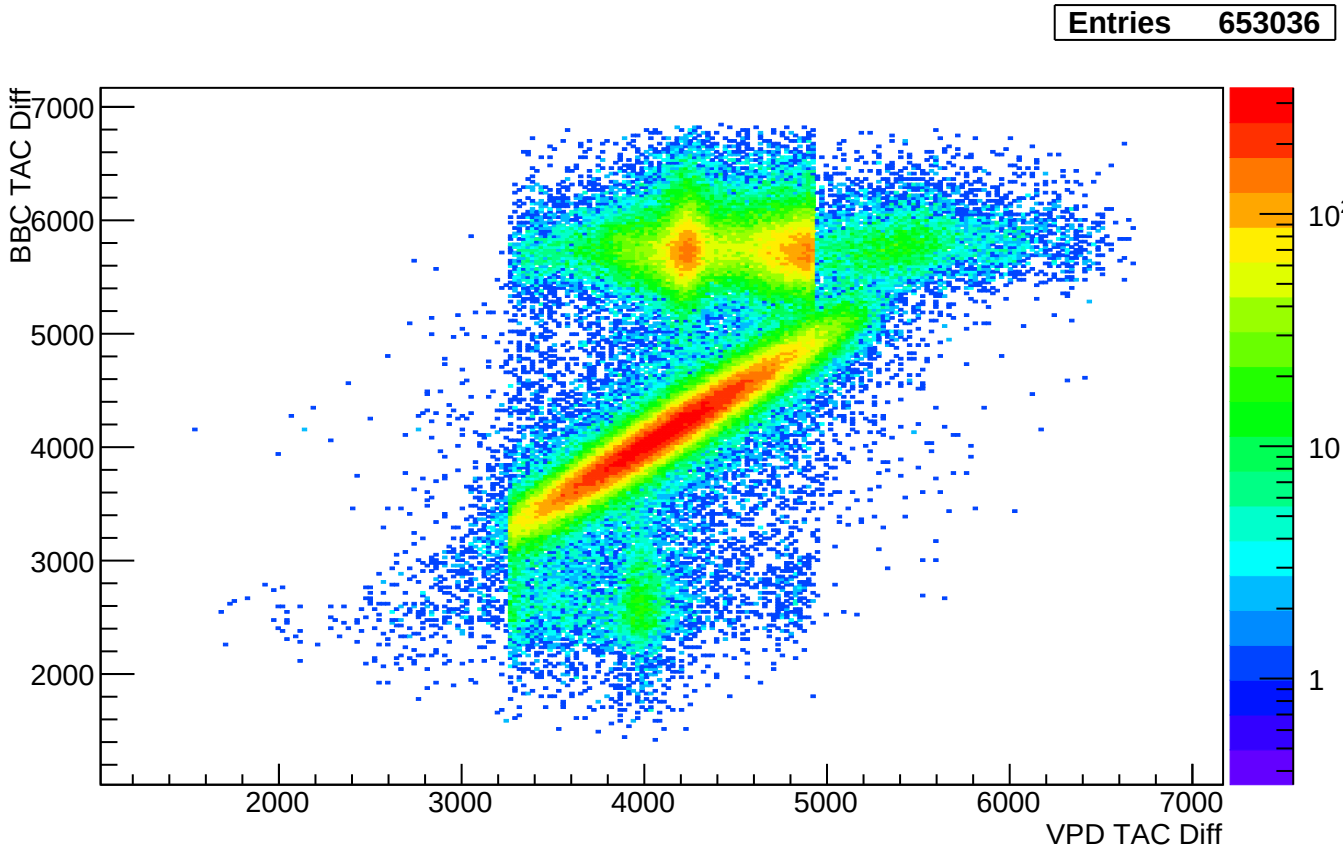

Entries 653036
TOF_Mult
EPD-East Hit Cnt

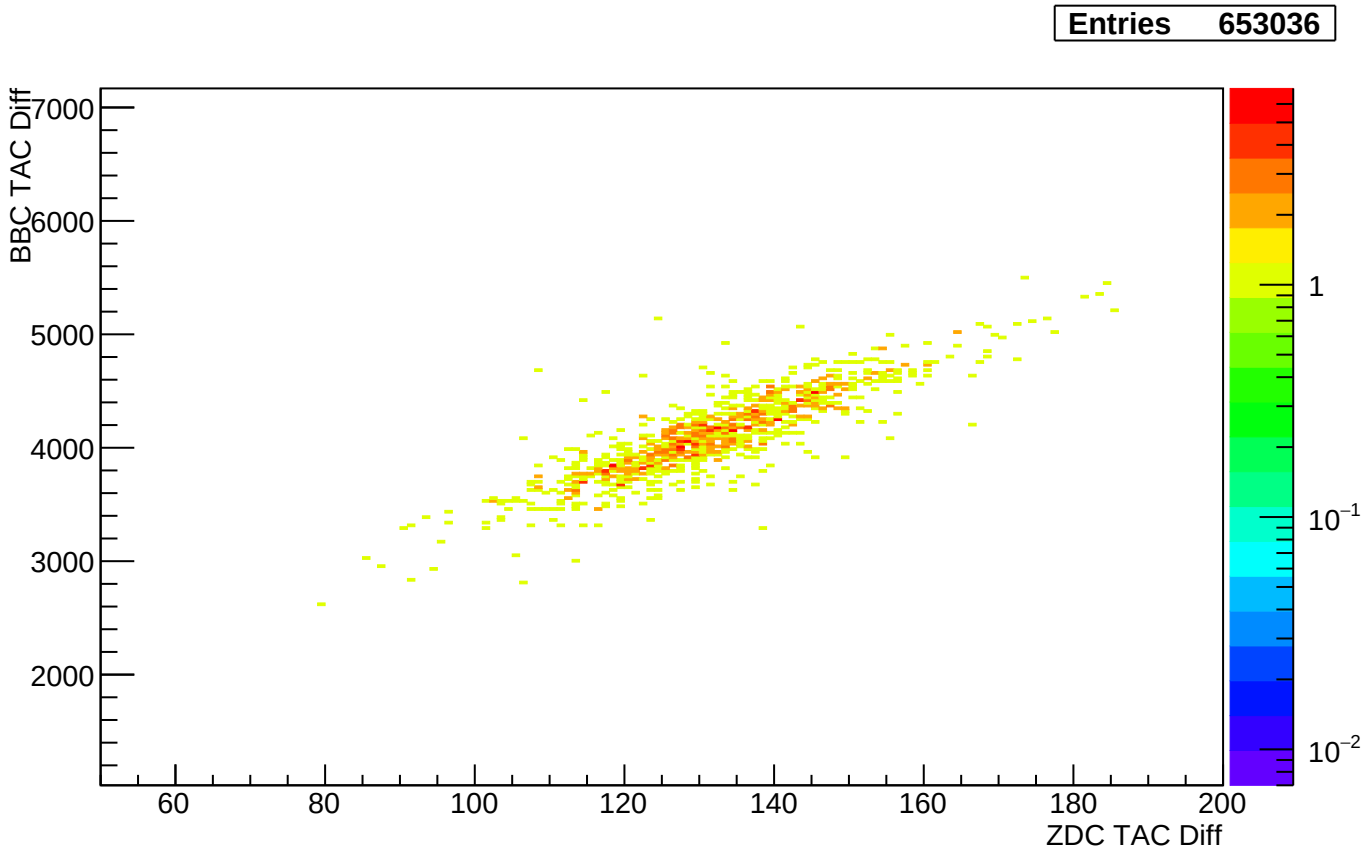

Entries 653036
TOF_Mult
EPD-West Hit Cnt

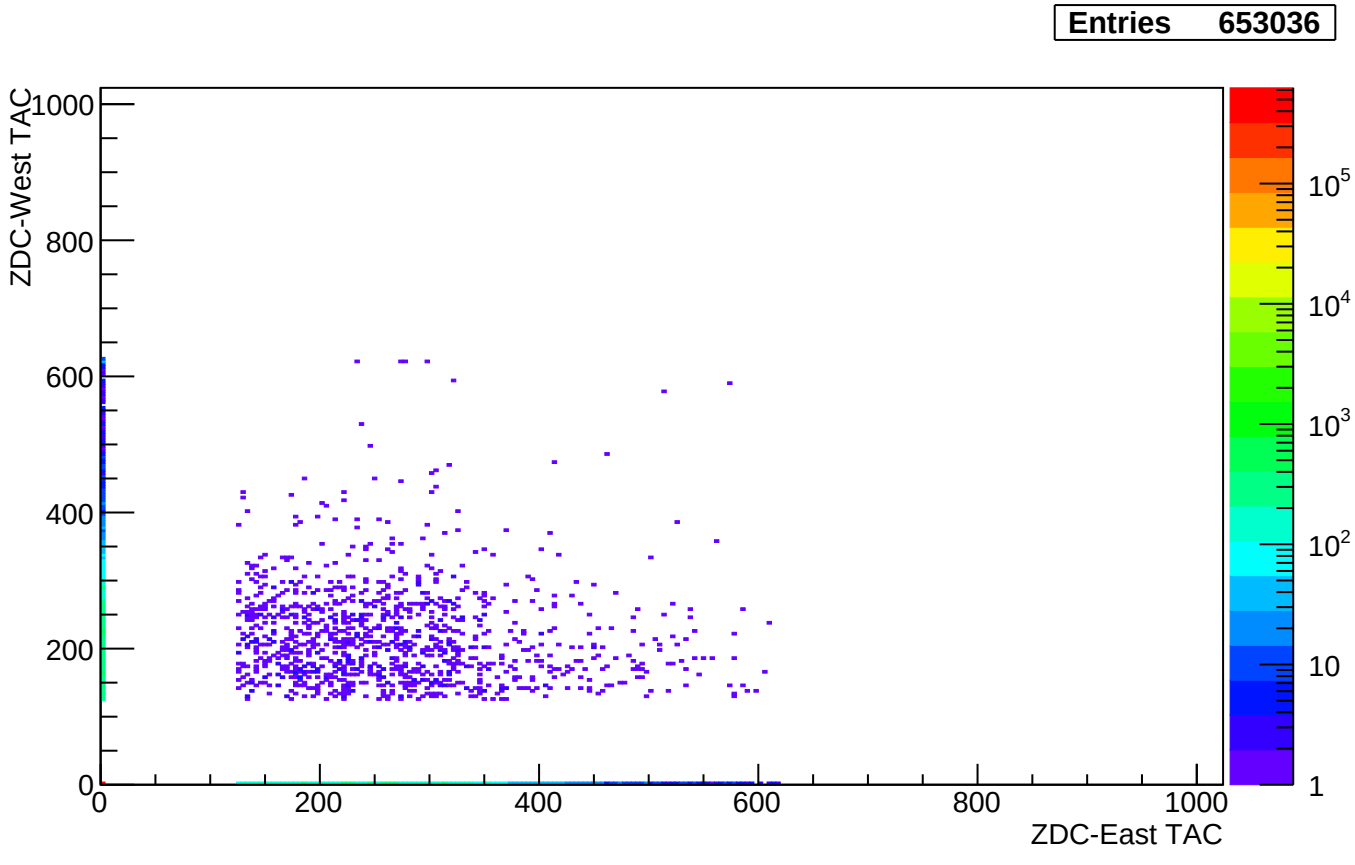

Entries 653036
TOF_Mult
VPD-East ADC Sum

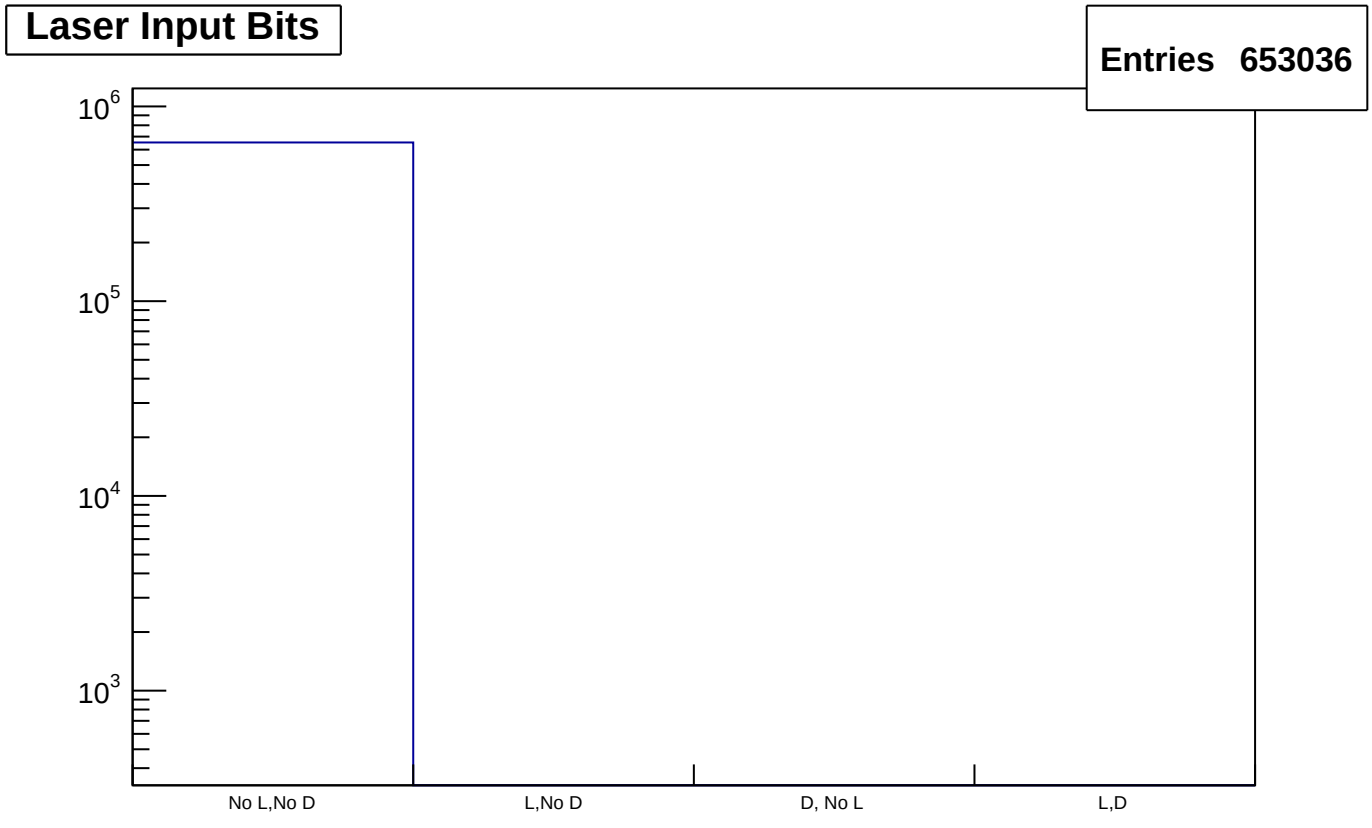

Entries 653036
TOF_Mult
VPD-West ADC Sum

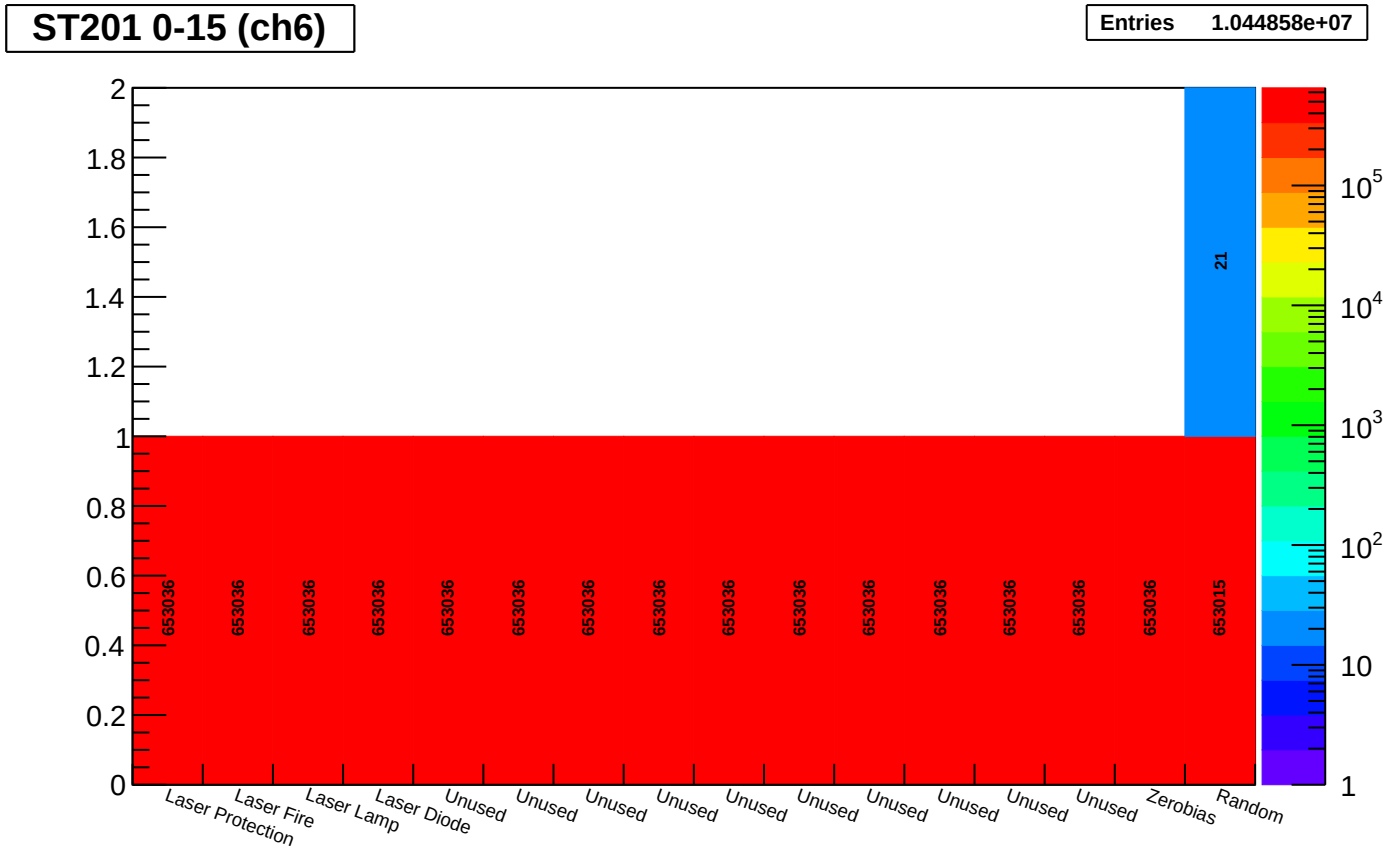

Entries 653036
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1


Entries 653036
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

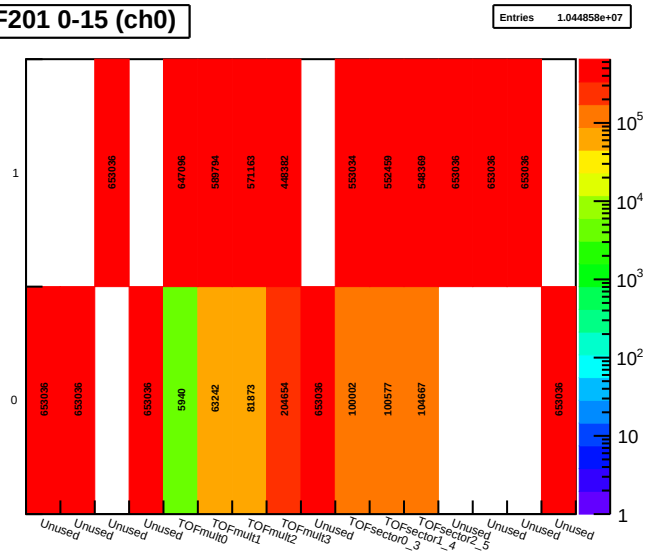

Entries 653036
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}


Entries 653036
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

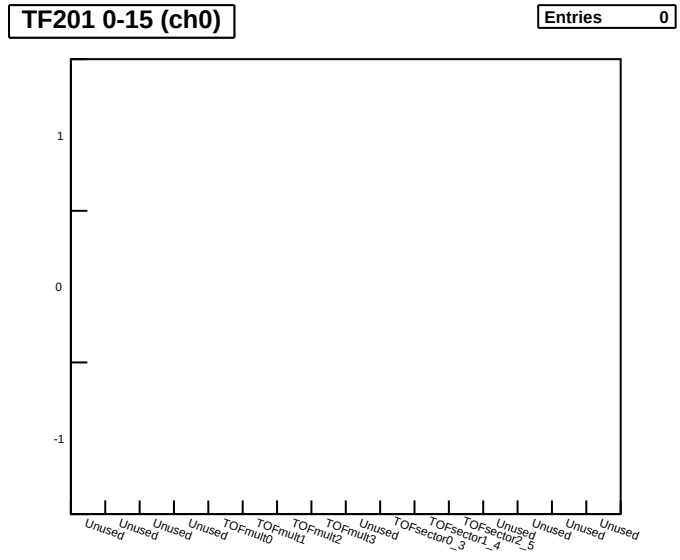

Laser Input Bits
Entries 653036
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 1.044858e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
653036
653036
653036
653036
653036
653036
653036
653036
653036
653036
653036
653036
653036
653036
653036
653015
21
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

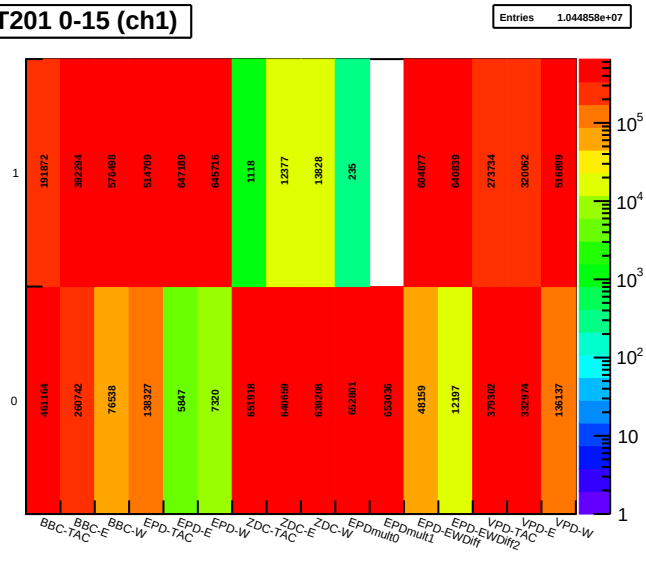
TF201 0-15 (ch0)



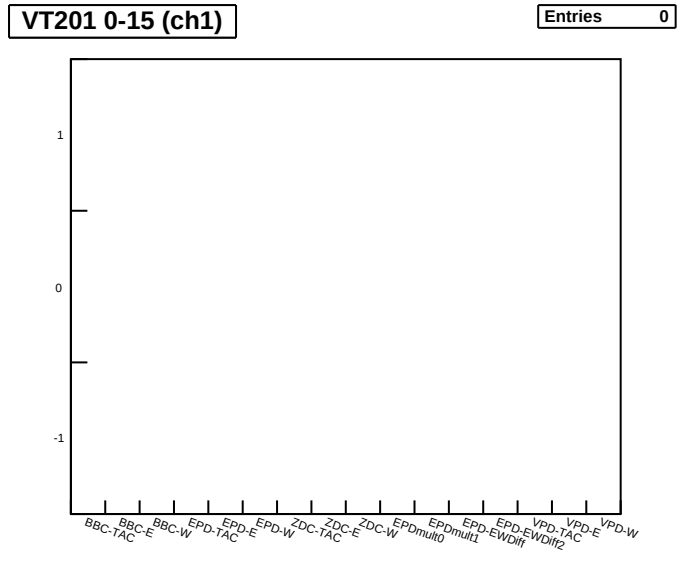
TF201 0-15 (ch0)



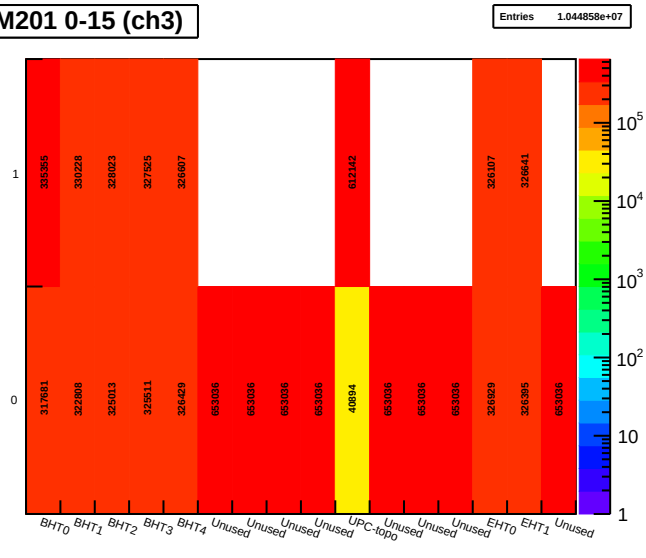
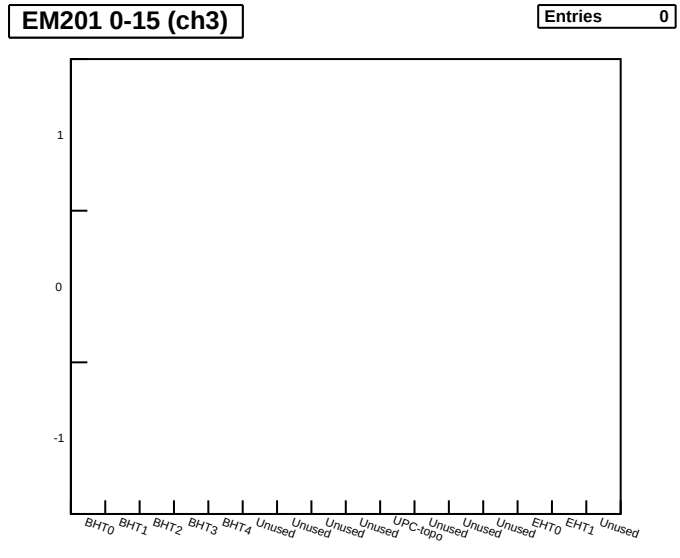
VT201 0-15 (ch1)



VT201 0-15 (ch1)



EM201 0-15 (ch3)



EM201 0-15 (ch3)