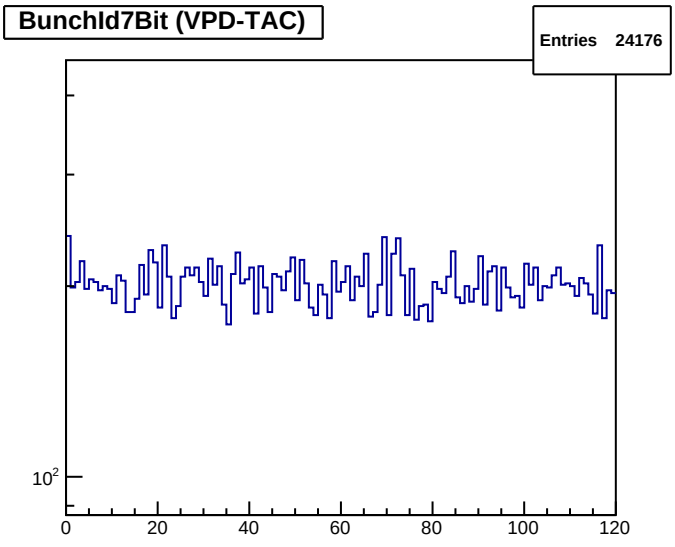
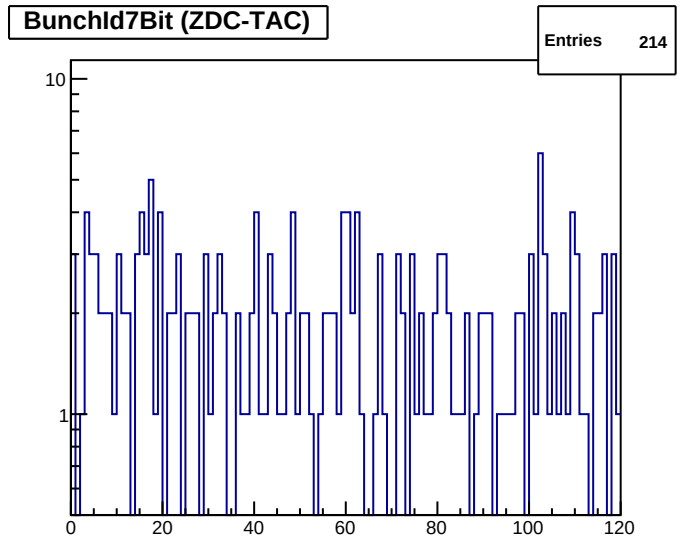
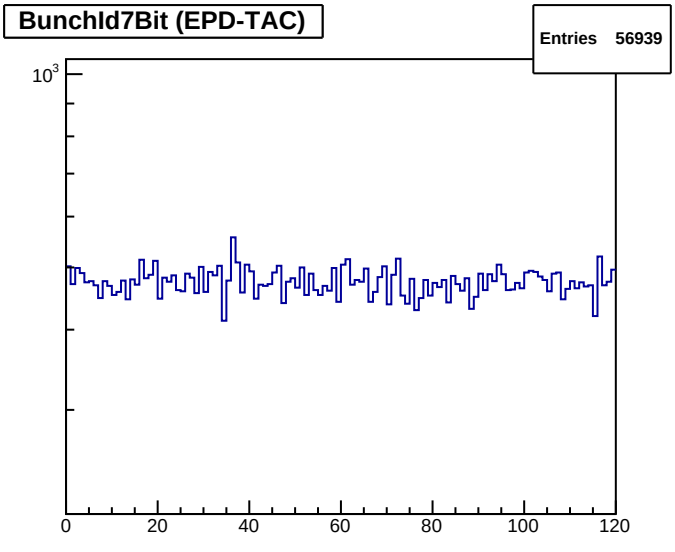
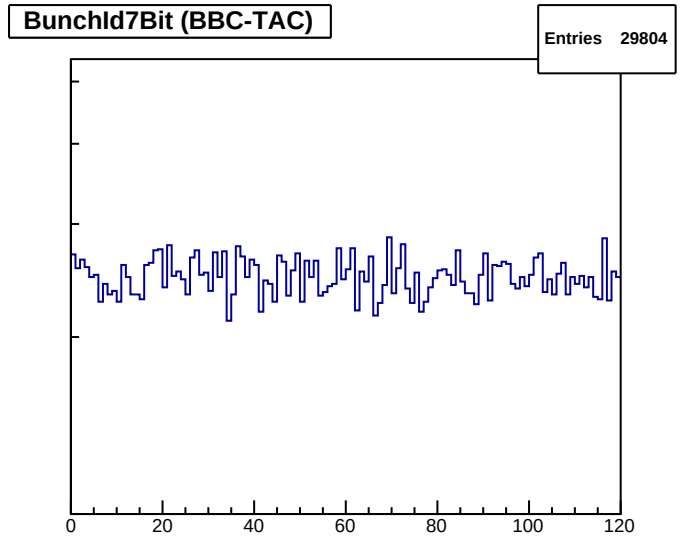
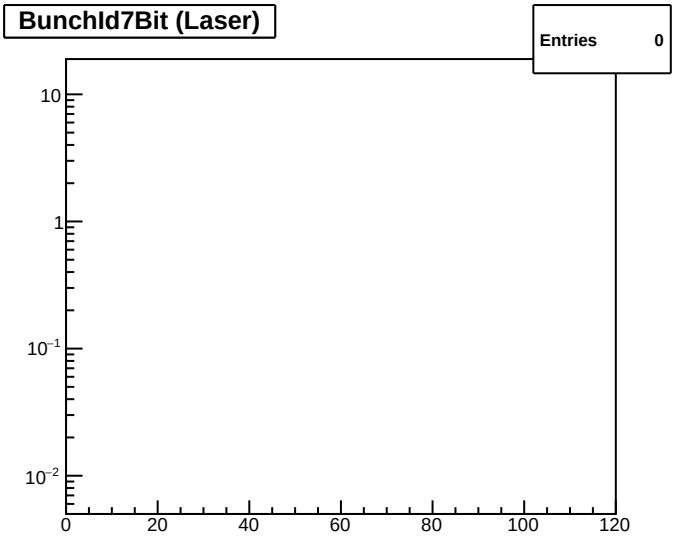
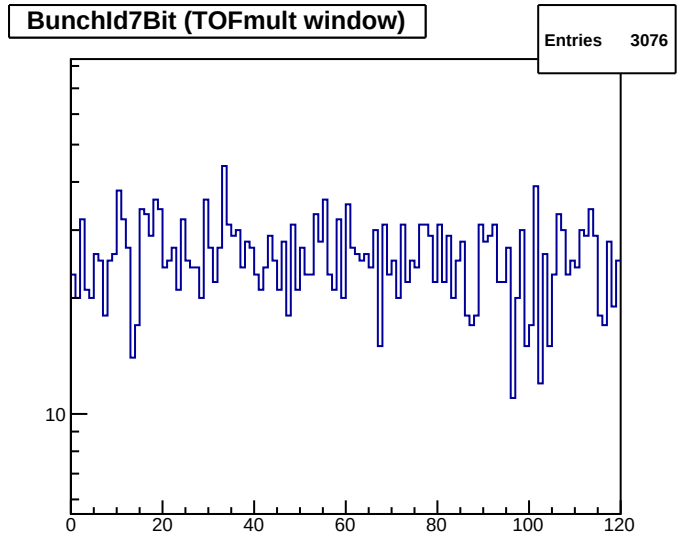

BunchId7Bit (VPD-TAC)
Entries 24176
10^2
0 20 40 60 80 100 120

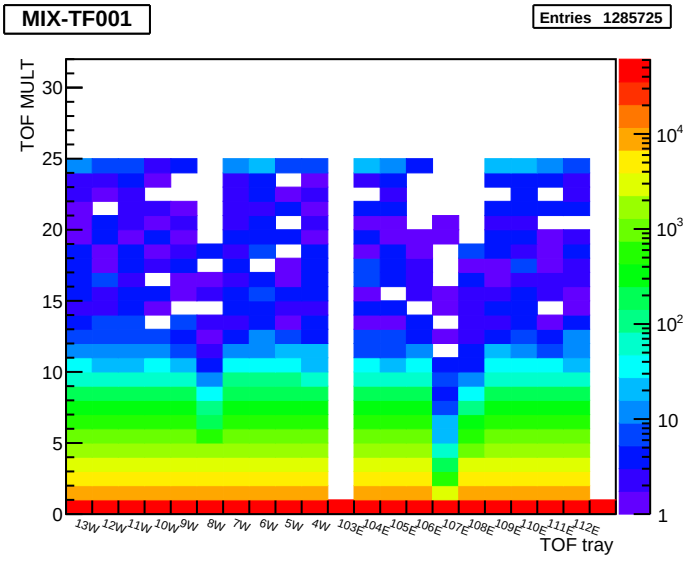

BunchId7Bit (ZDC-TAC)
Entries 214
10
1
0 20 40 60 80 100 120

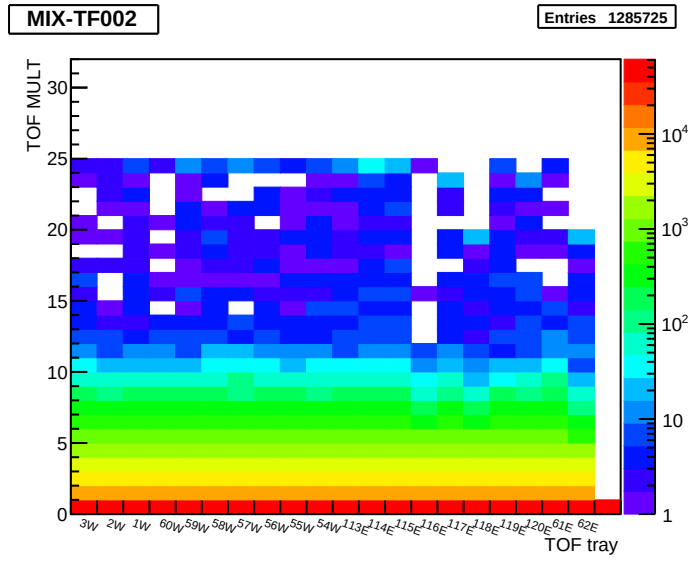

BunchId7Bit (EPD-TAC)
Entries 56939
10^3
0 20 40 60 80 100 120

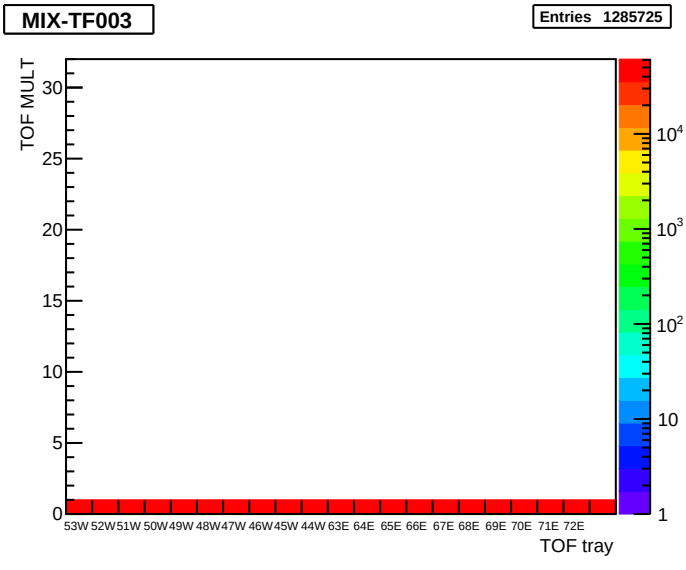

BunchId7Bit (BBC-TAC)
Entries 29804
0 20 40 60 80 100 120

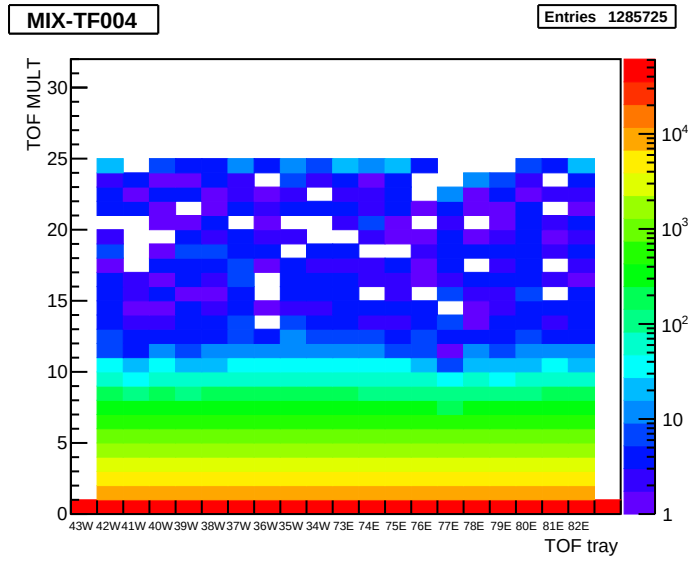

BunchId7Bit (Laser)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

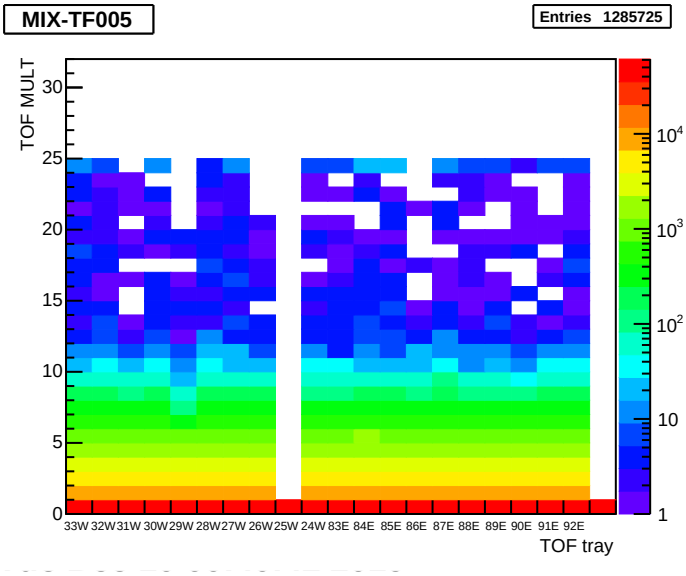

BunchId7Bit (TOFmult window)
Entries 3076
10
0 20 40 60 80 100 120

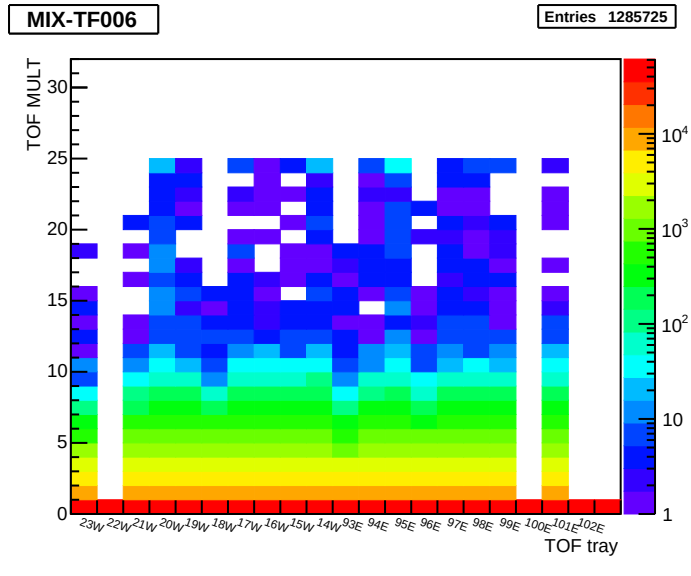

MIX-TF001
Entries 1285725
TOF MULT
TOF tray

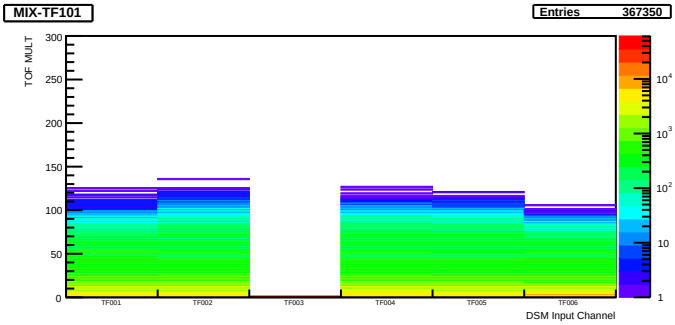

MIX-TF002
Entries 1285725
TOF MULT
TOF tray

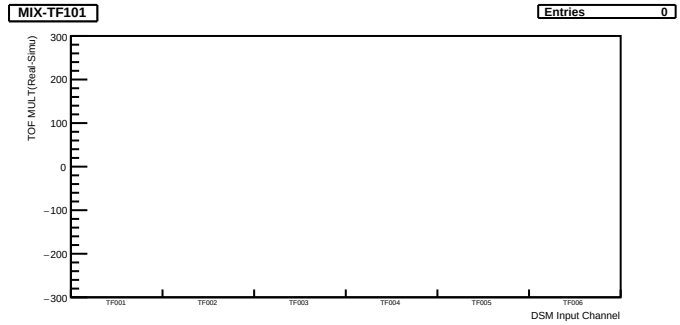

MIX-TF003
Entries 1285725
TOF MULT
TOF tray

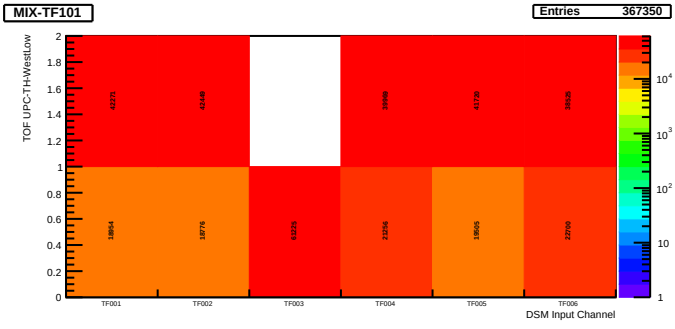

MIX-TF004
Entries 1285725
TOF MULT
TOF tray

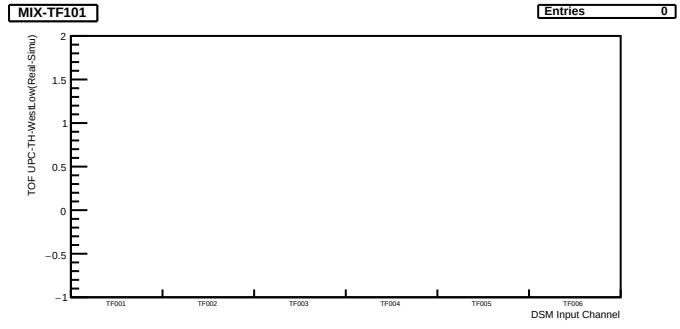

MIX-TF005
Entries 1285725
TOF MULT
TOF tray

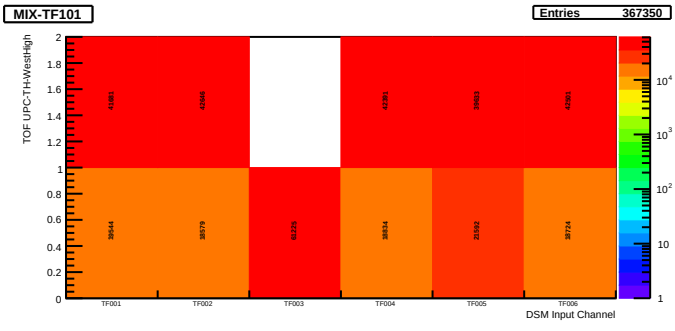

MIX-TF006
Entries 1285725
TOF MULT
TOF tray

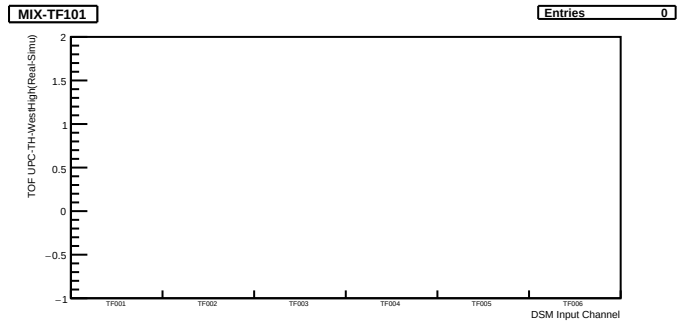

MIX-TF101
Entries 367350
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

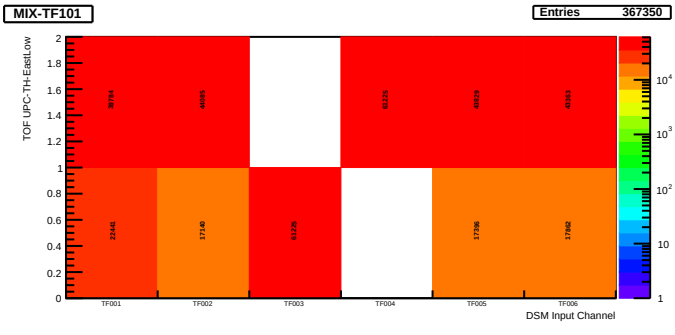

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

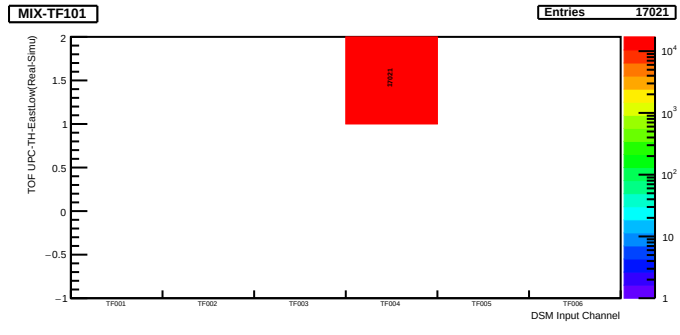

MIX-TF101
Entries 367350
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

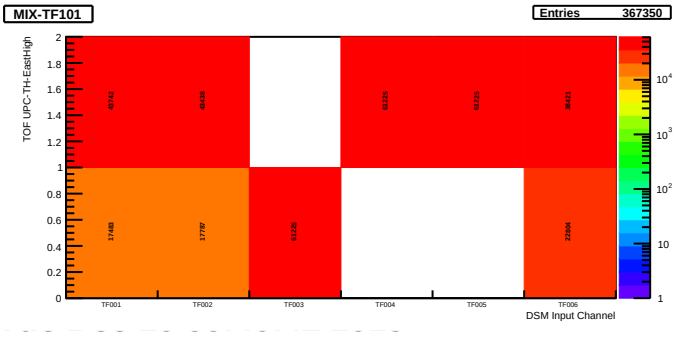

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

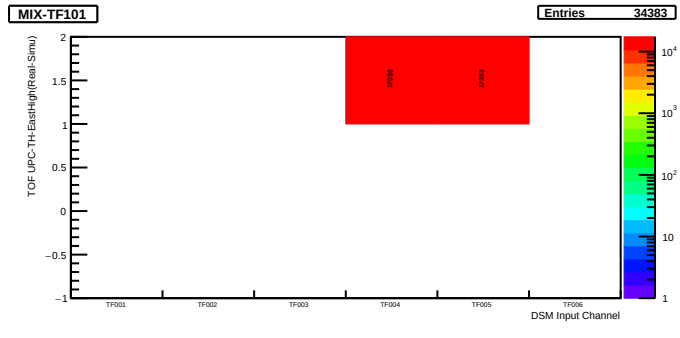

MIX-TF101
Entries 367350
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

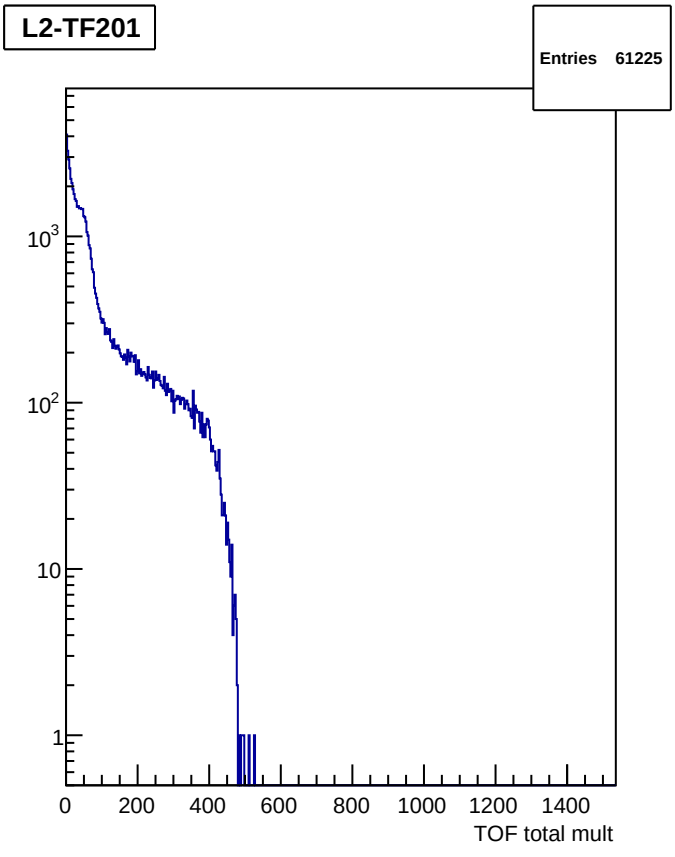

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

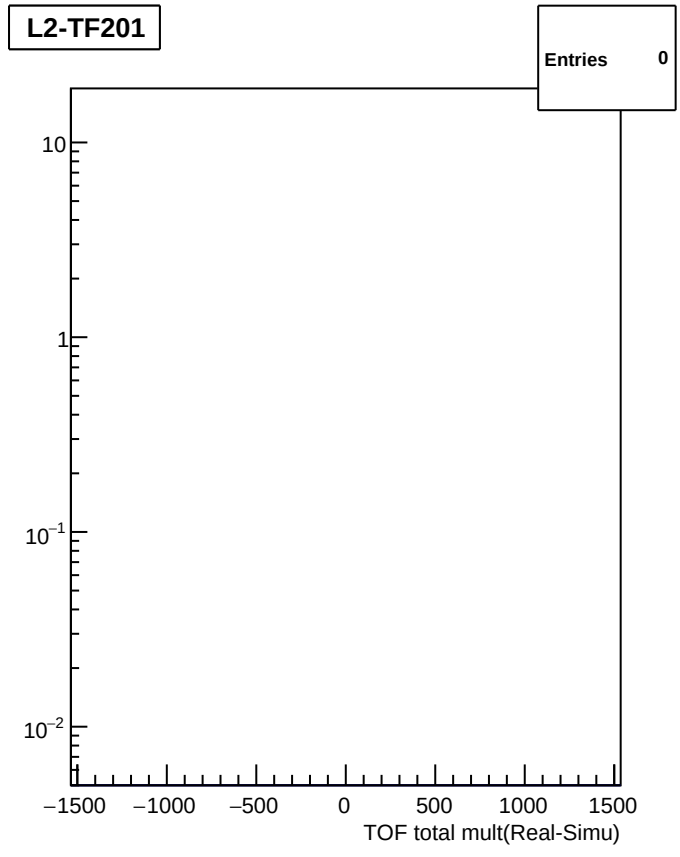

MIX-TF101
Entries 367350
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

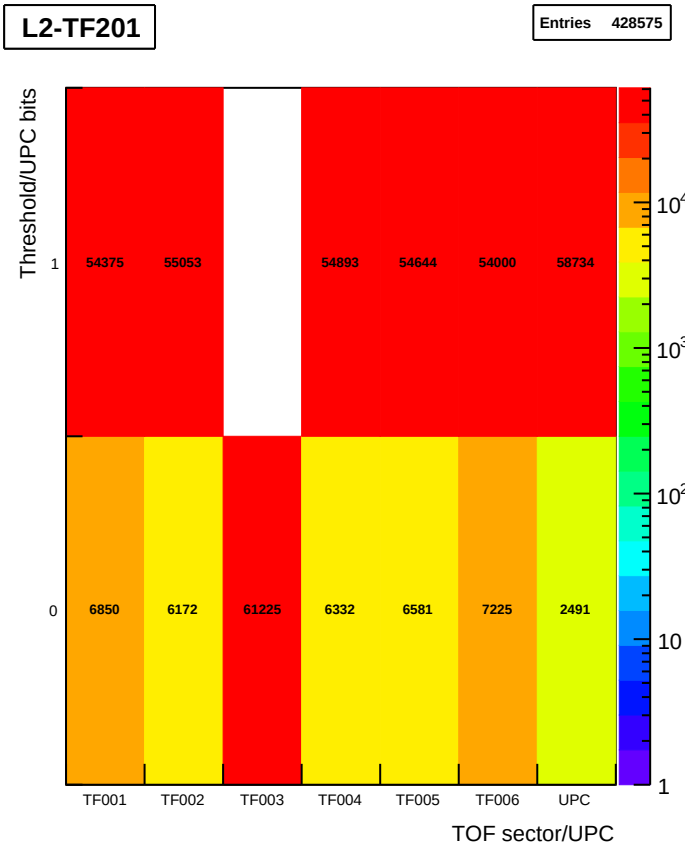

MIX-TF101
Entries 17021
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

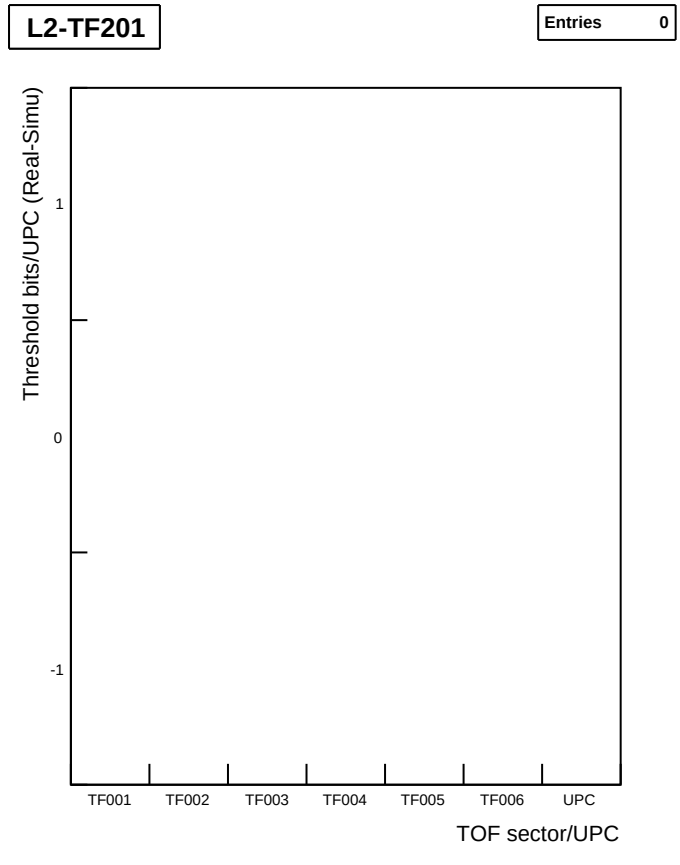

MIX-TF101
Entries 367350
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

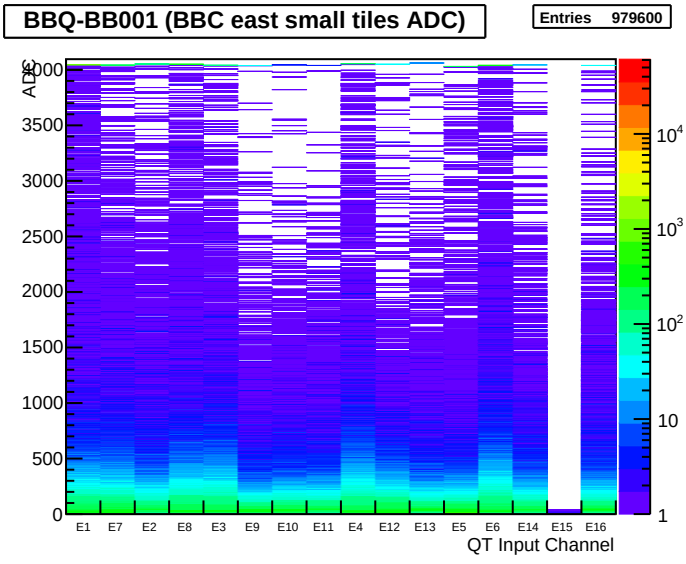

MIX-TF101
Entries 34383
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

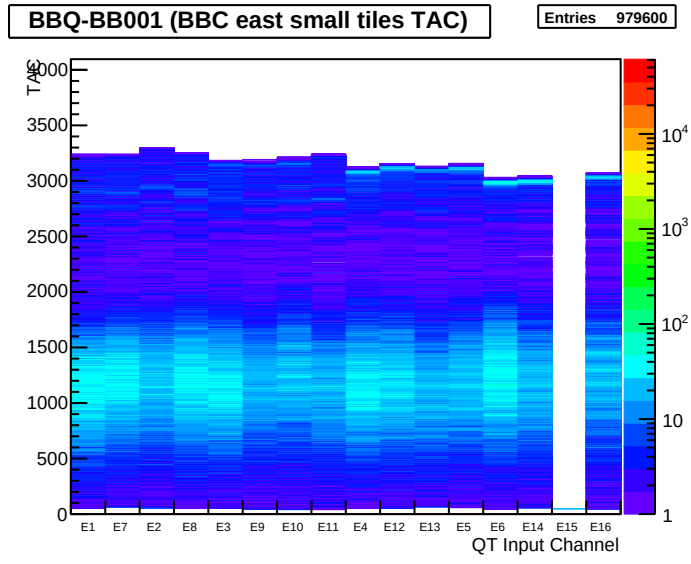

L2-TF201
Entries 61225
TOF total mult

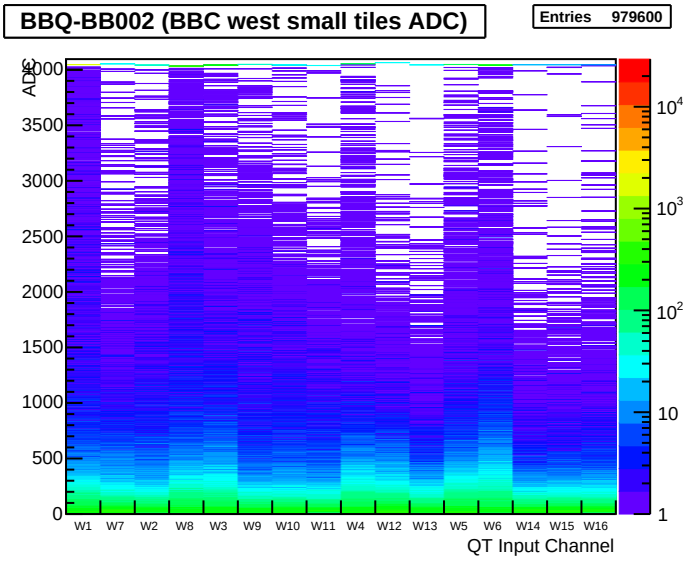

L2-TF201
Entries 0
TOF total mult(Real-Simu)

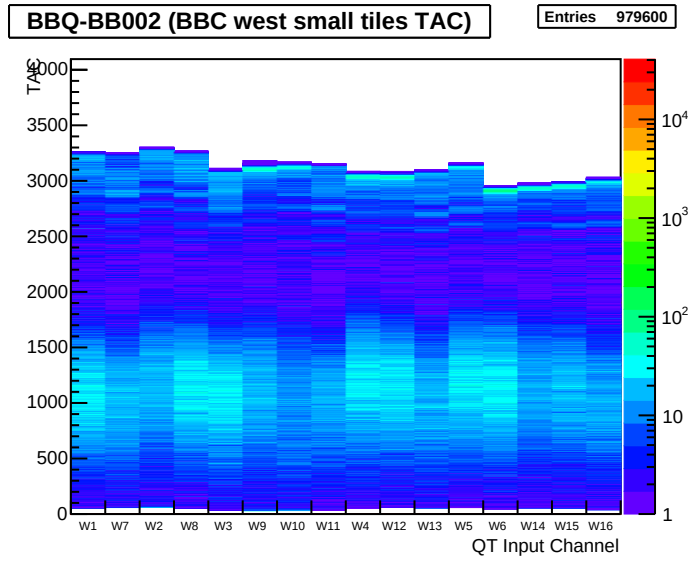

L2-TF201
Entries 428575
Threshold/UPC bits
54375
55053
54893
54644
54000
58734
6850
6172
61225
6332
6581
7225
2491
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

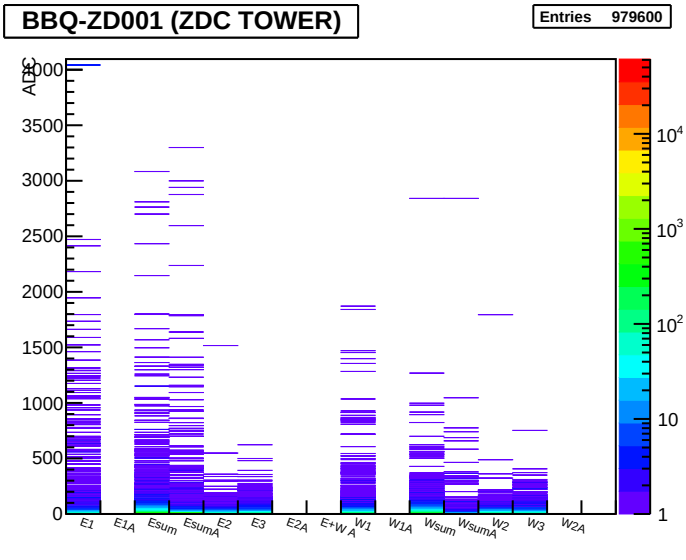

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

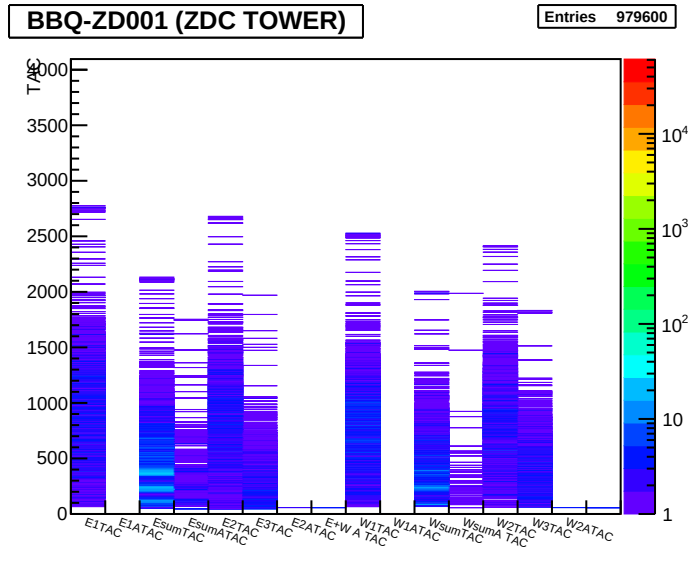

BBQ-BB001 (BBC east small tiles ADC)
Entries 979600
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

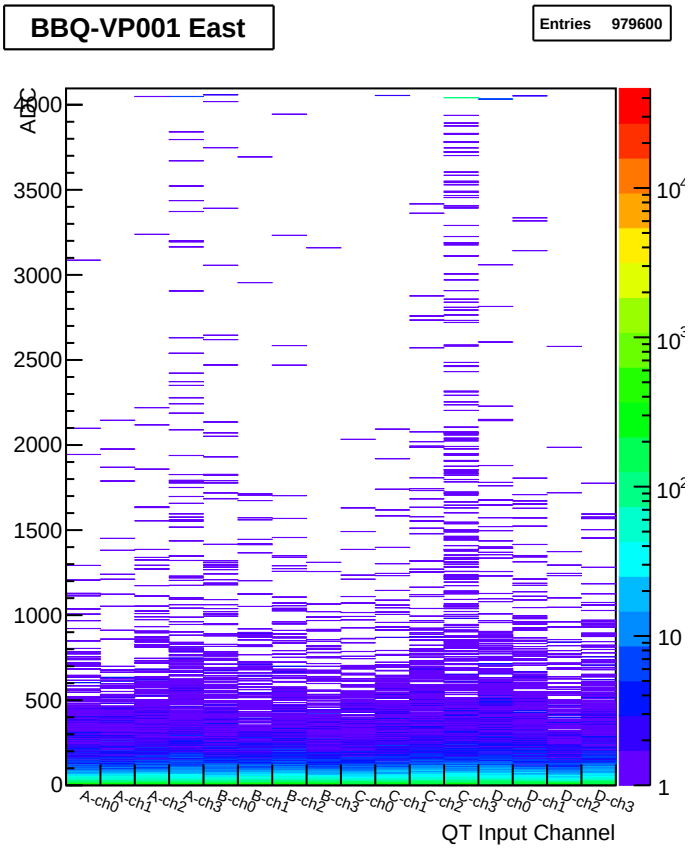

BBQ-BB001 (BBC east small tiles TAC)
Entries 979600
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

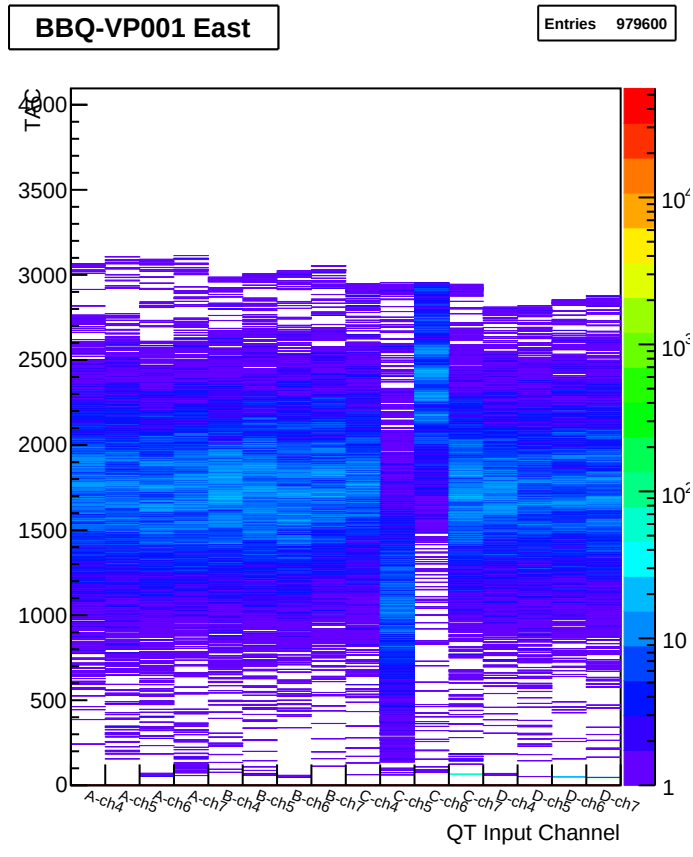

BBQ-BB002 (BBC west small tiles ADC)
Entries 979600
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

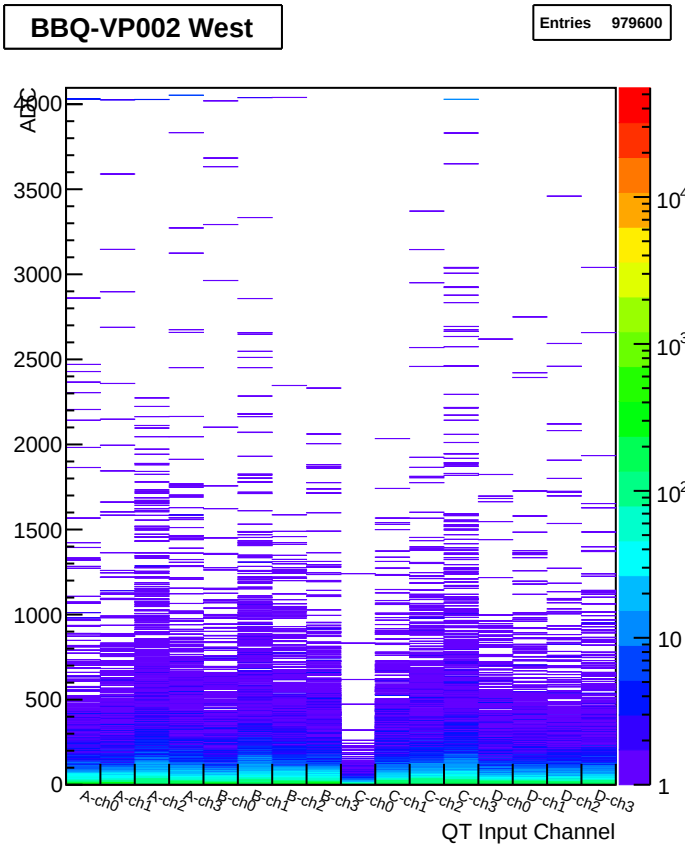

BBQ-BB002 (BBC west small tiles TAC)
Entries 979600
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

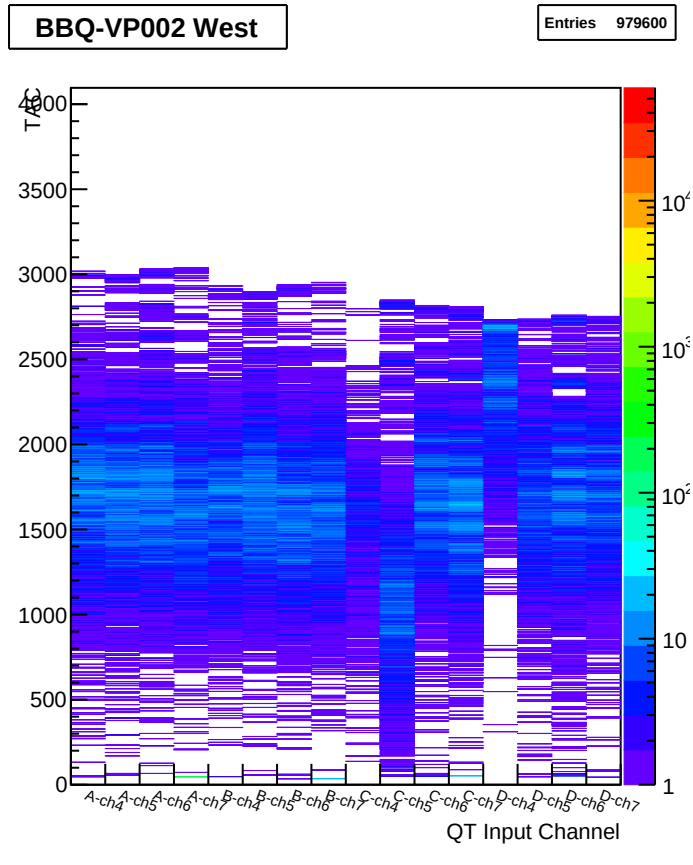

BBQ-ZD001 (ZDC TOWER)
Entries 979600
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

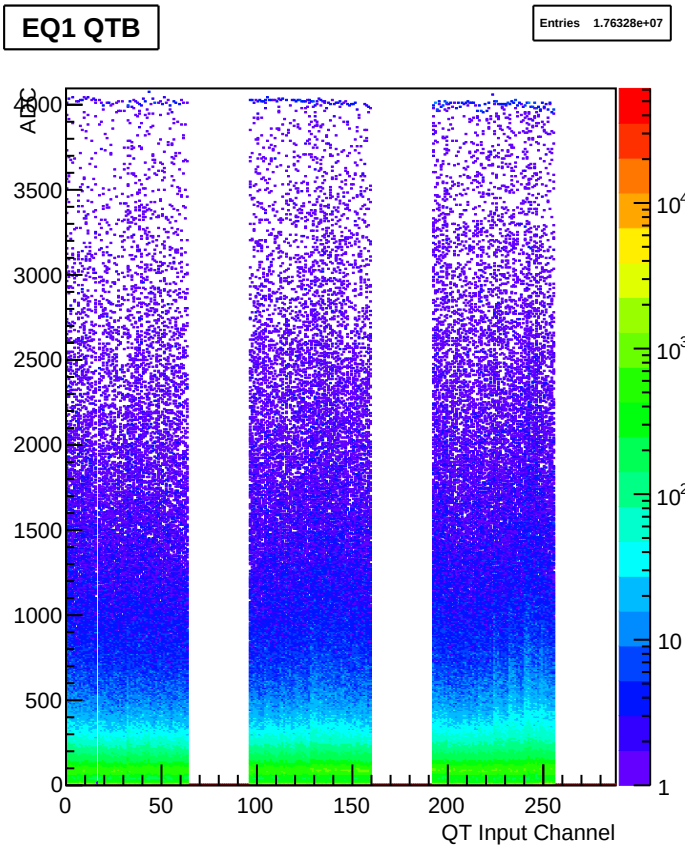

BBQ-ZD001 (ZDC TOWER)
Entries 979600
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

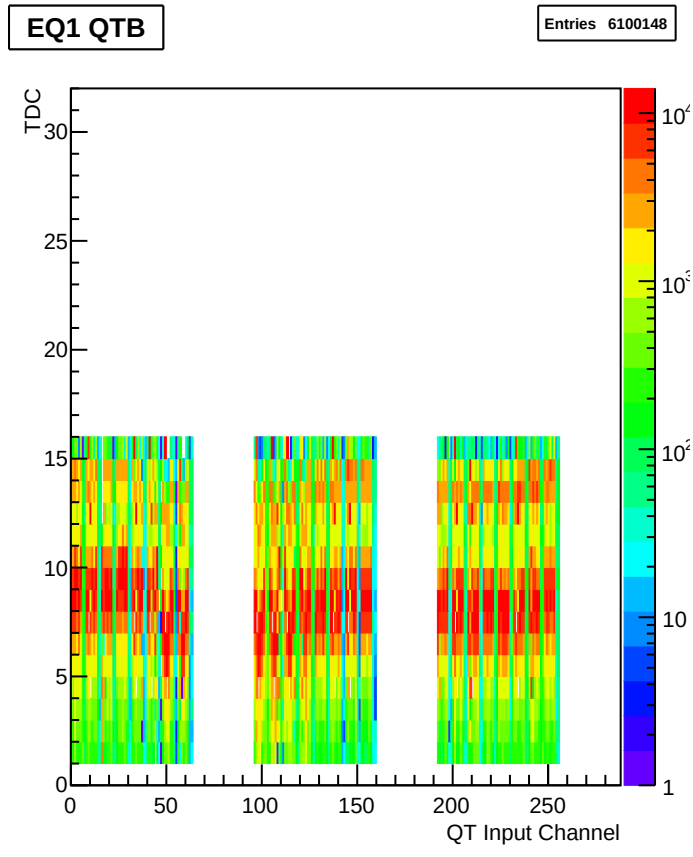

BBQ-VP001 East
Entries 979600
ADC
QT Input Channel

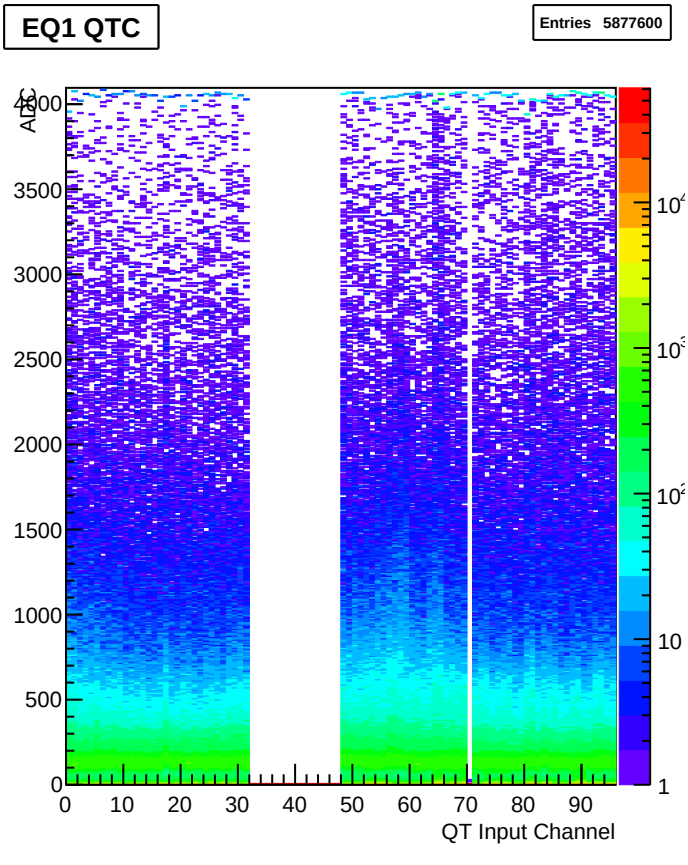

BBQ-VP001 East
Entries 979600
TAC
QT Input Channel

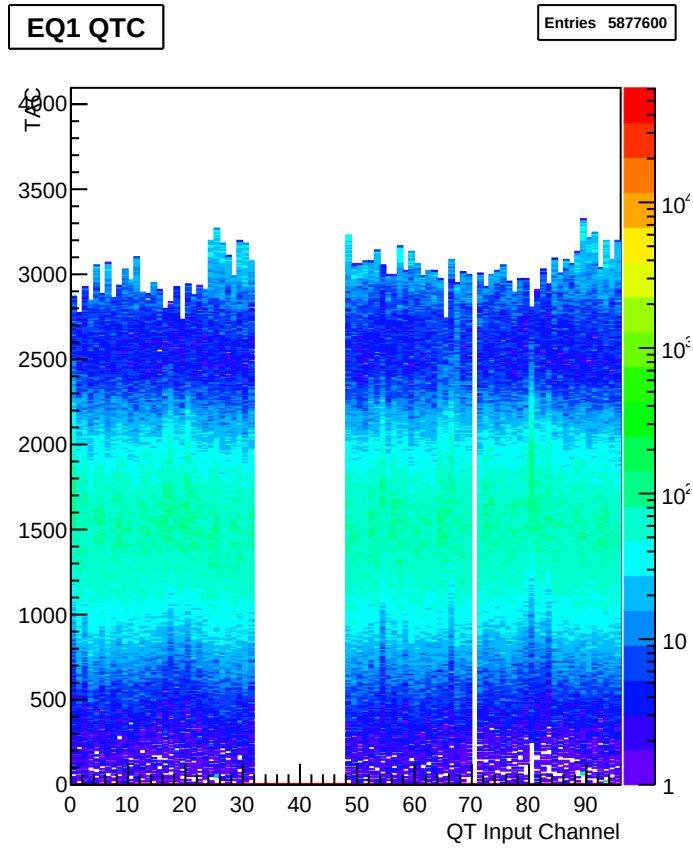

BBQ-VP002 West
Entries 979600
ADC
QT Input Channel

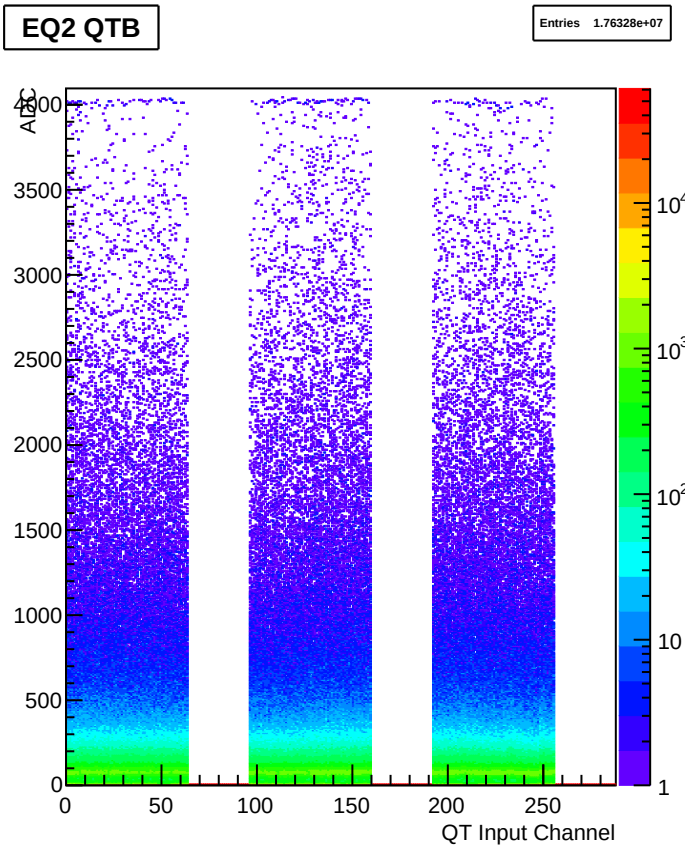

BBQ-VP002 West
Entries 979600
TAC
QT Input Channel

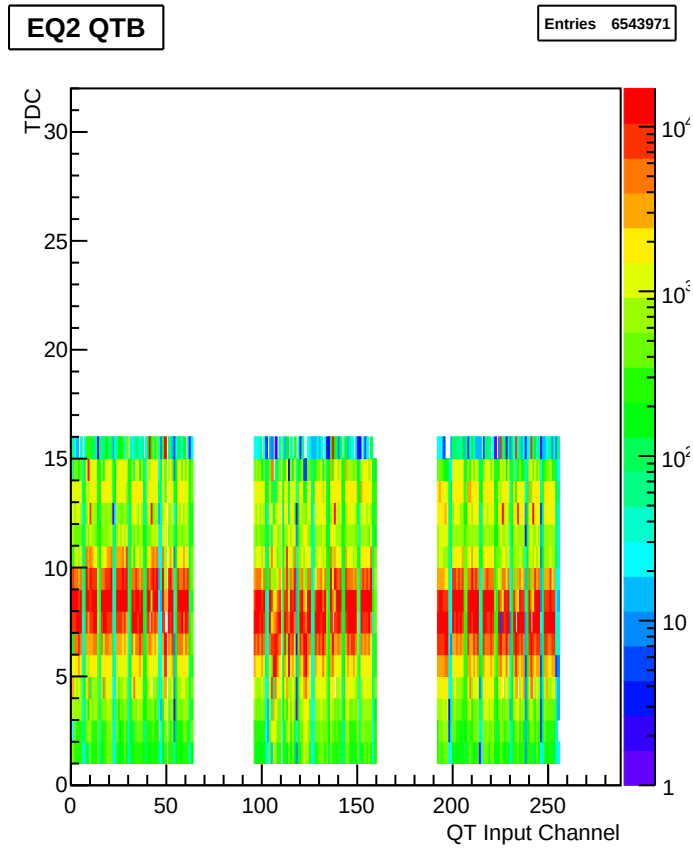

EQ1 QTB
Entries 1.76328e+07
ADC
QT Input Channel

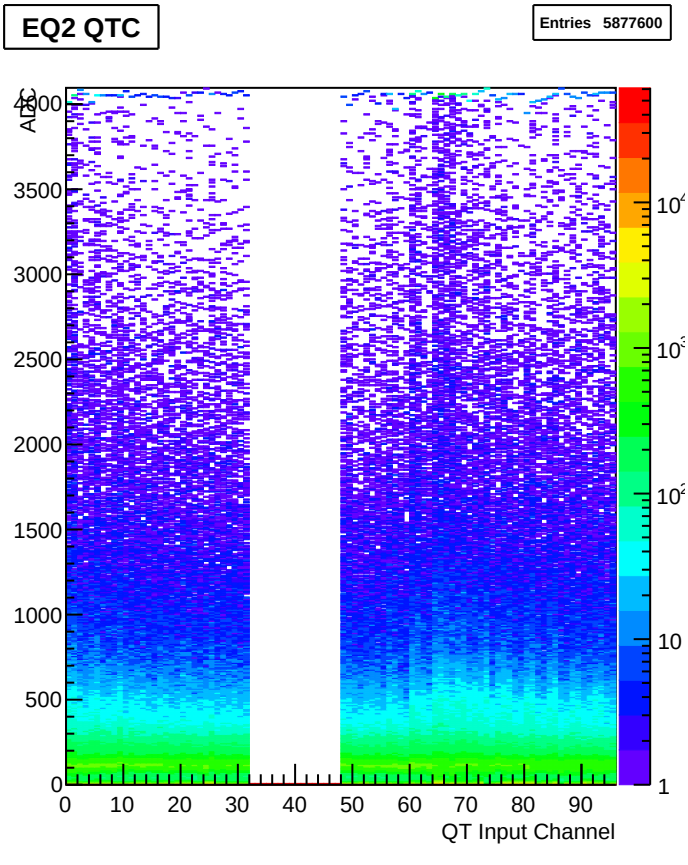

EQ1 QTB
Entries 6100148
TDC
QT Input Channel

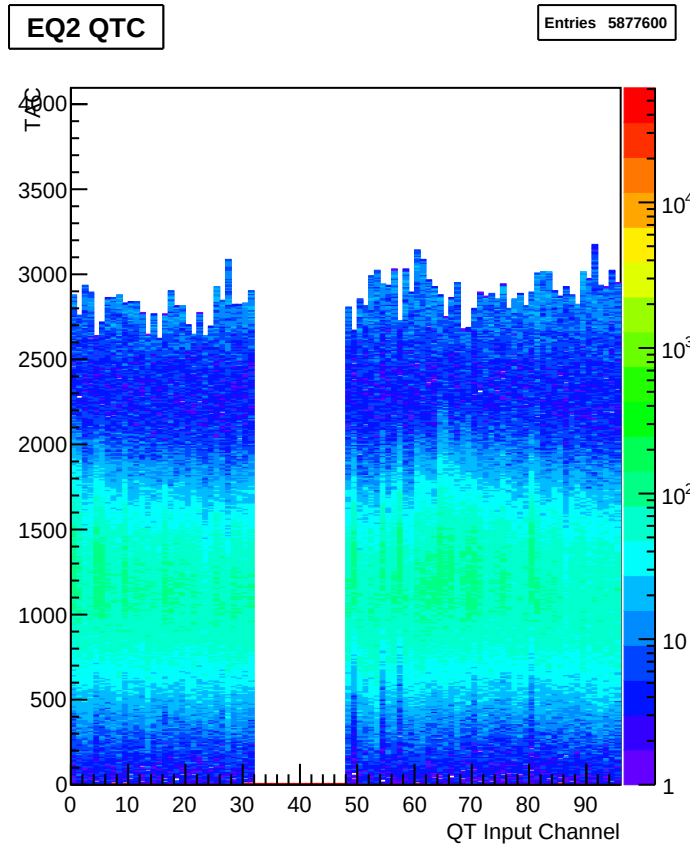

EQ1 QTC
Entries 5877600
ADC
QT Input Channel

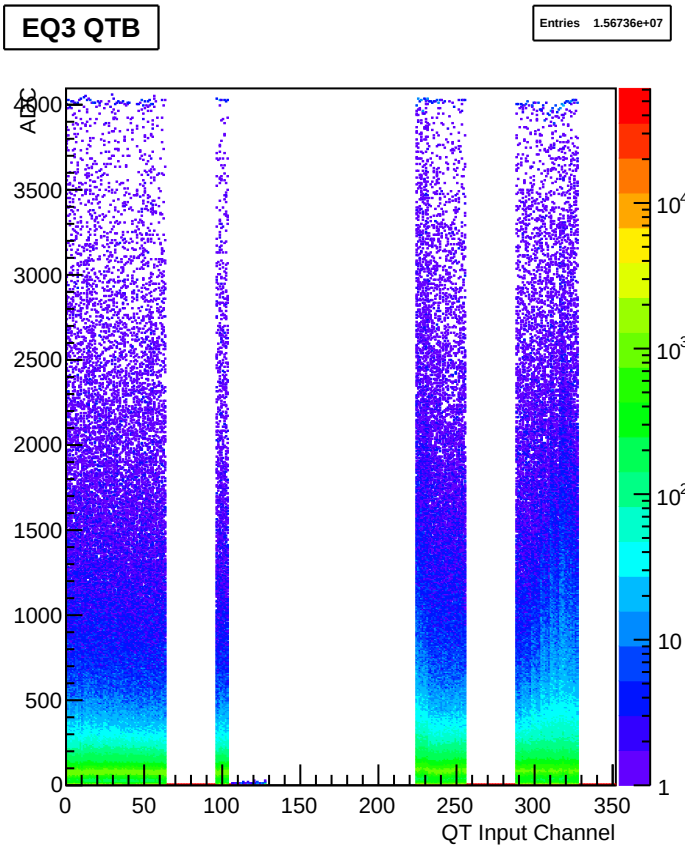

EQ1 QTC
Entries 5877600
TADC
QT Input Channel

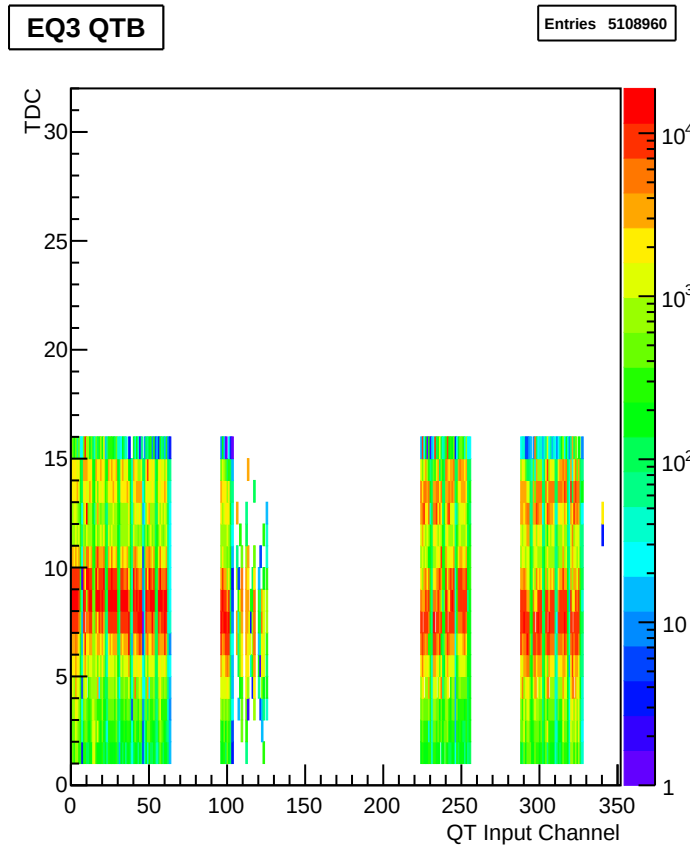

EQ2 QTB
Entries 1.76328e+07
ADC
QT Input Channel

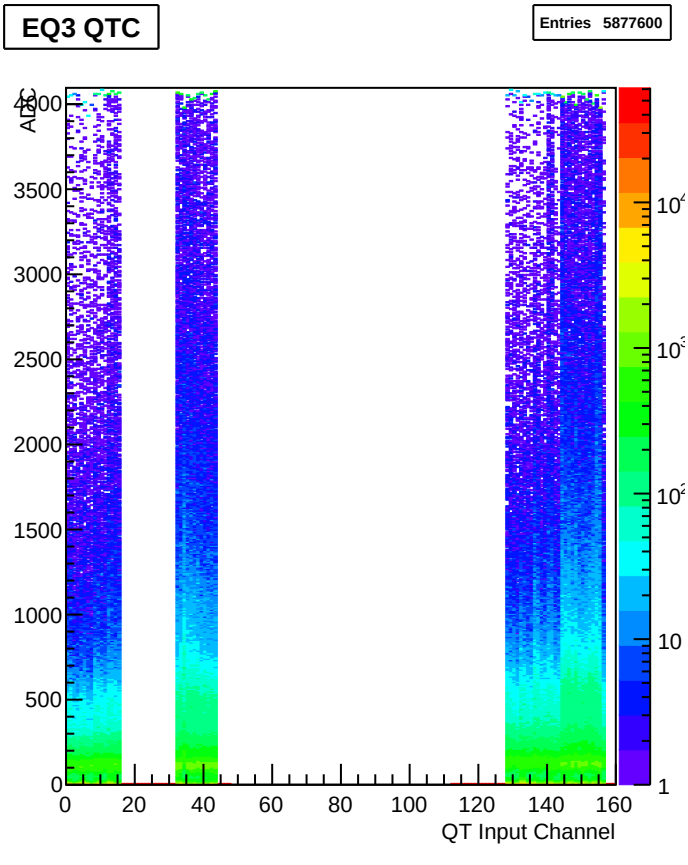

EQ2 QTB
Entries 6543971
TDC
QT Input Channel

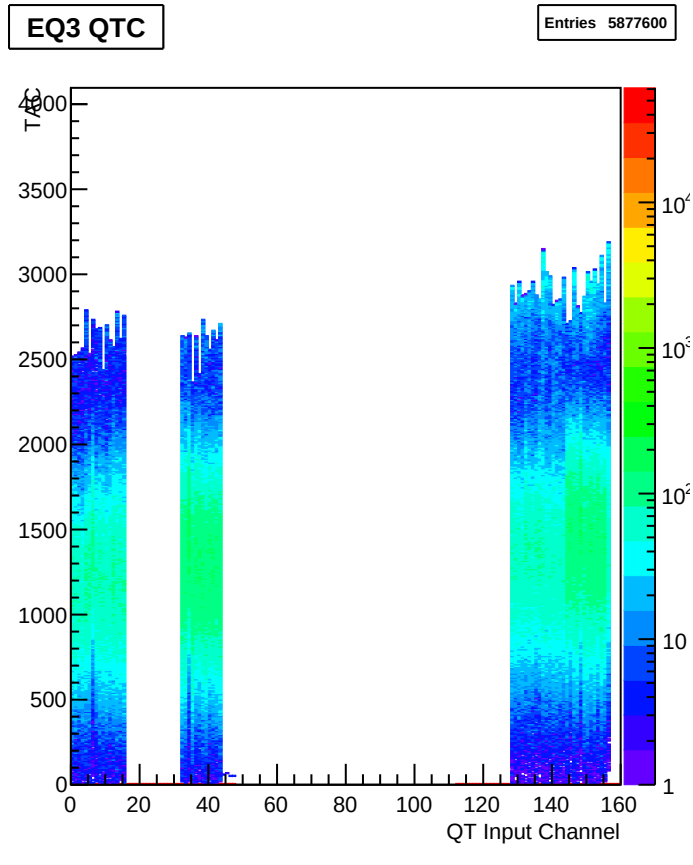

EQ2 QTC
Entries 5877600
ADC
QT Input Channel

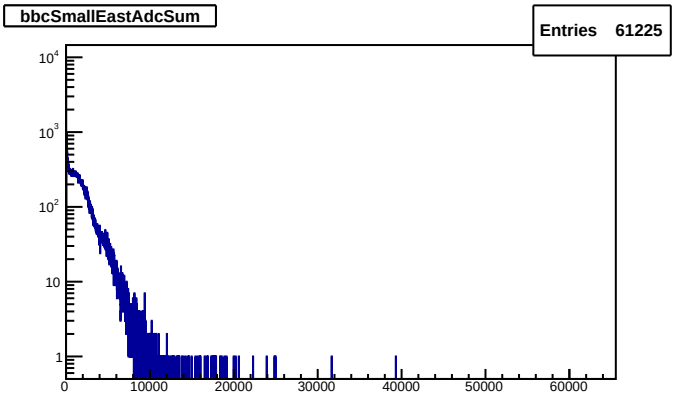

EQ2 QTC
Entries 5877600
TADC
QT Input Channel

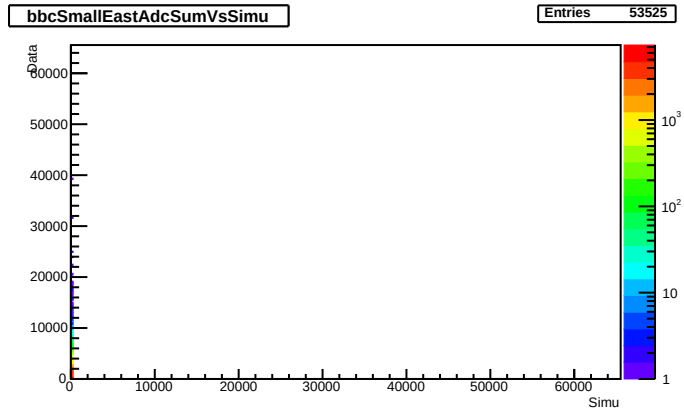

EQ3 QTB
Entries 1.56736e+07
ADC
QT Input Channel

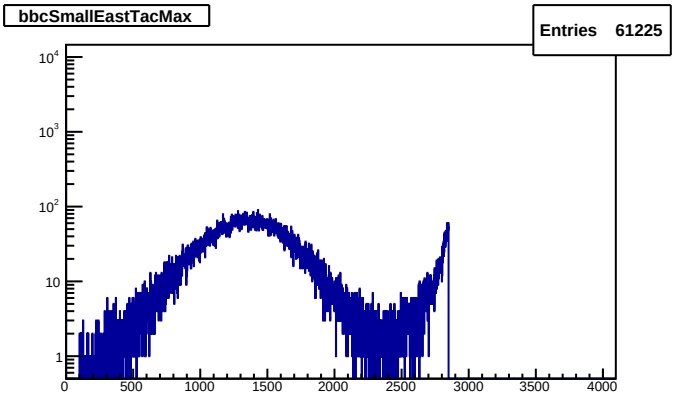

EQ3 QTB
Entries 5108960
TDC
QT Input Channel

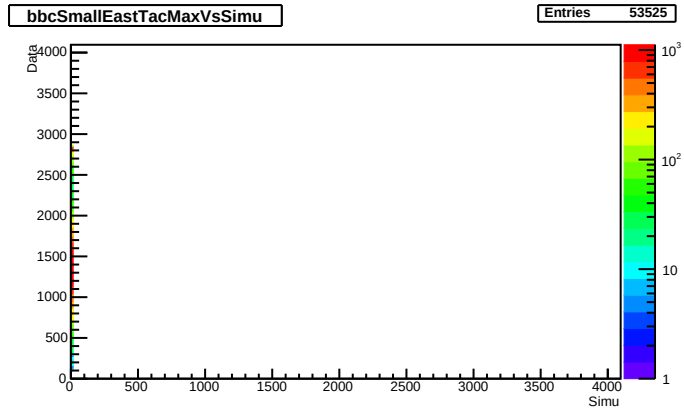

EQ3 QTC
Entries 5877600
ADC
QT Input Channel


EQ3 QTC
Entries 5877600
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 61225


bbcSmallEastAdcSumVsSimu
Entries 53525
Data
Simu


bbcSmallEastTacMax
Entries 61225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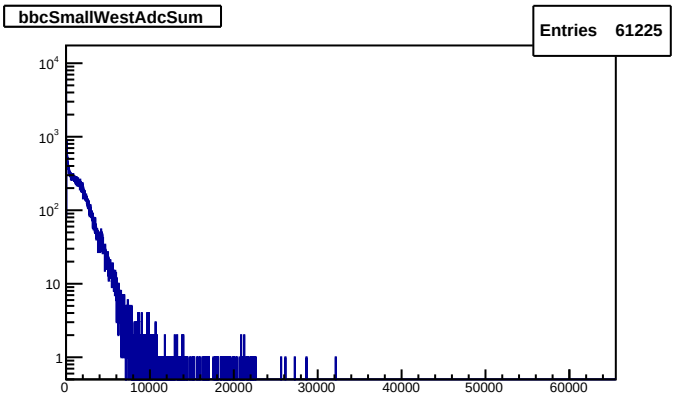
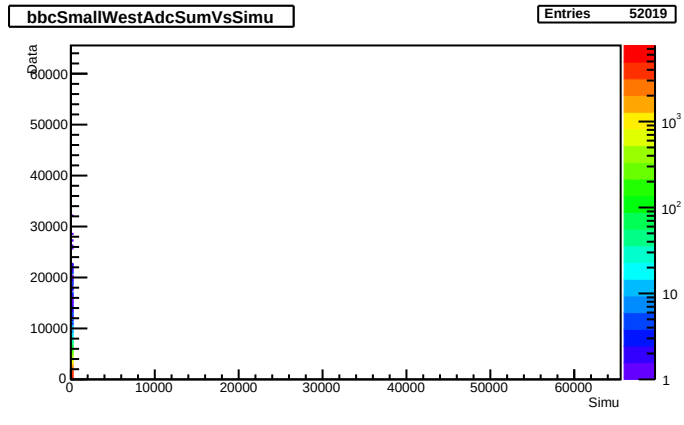
Entries 53525
Data
Simu


bbcSmallWestAdcSum
Entries 61225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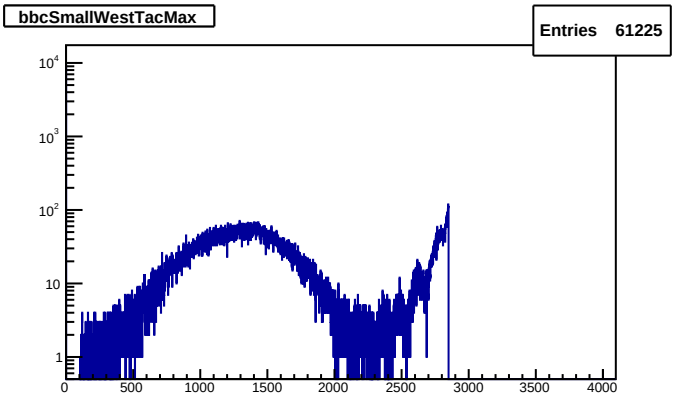
Entries 52019
Data
Simu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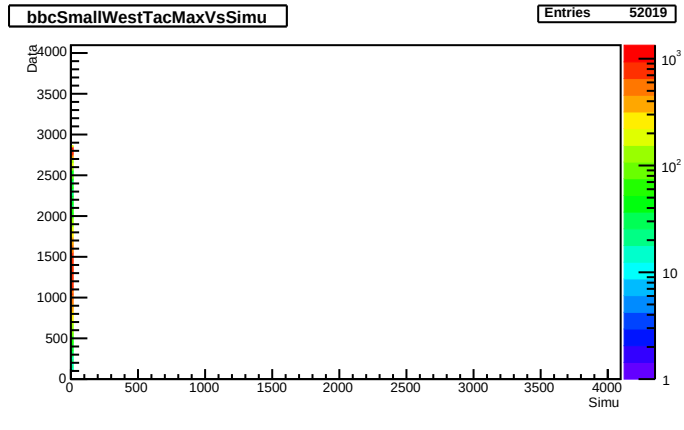
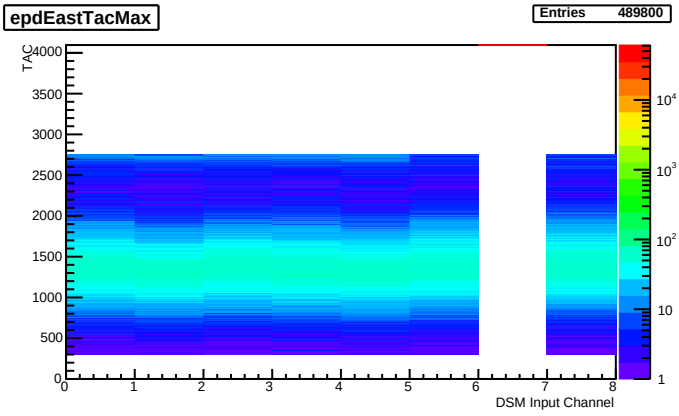
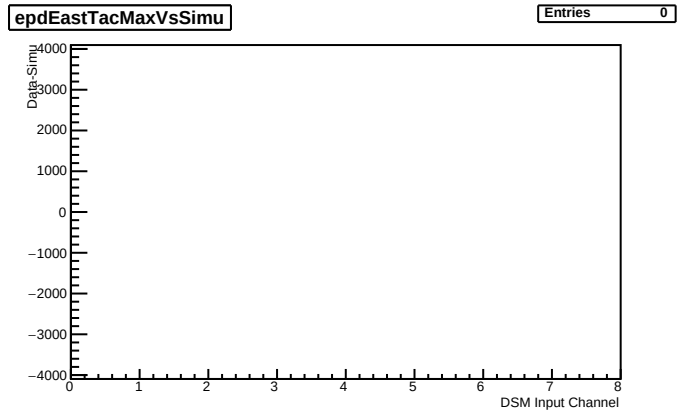
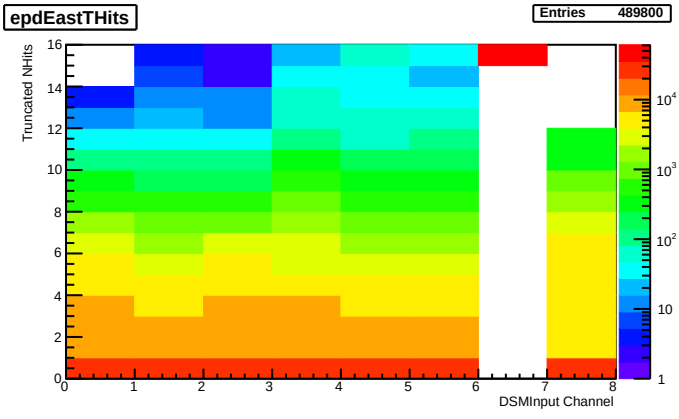
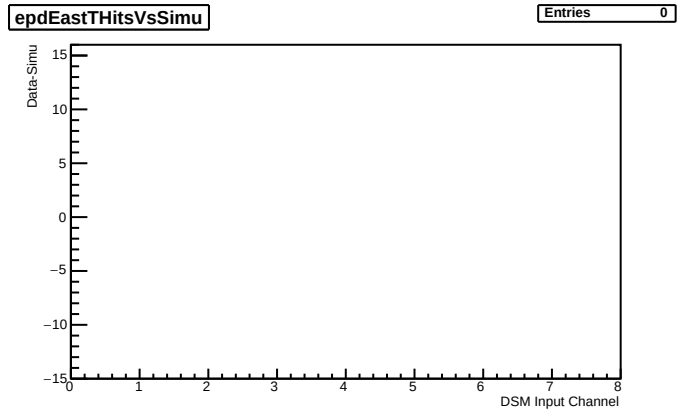
Entries 61225


bbcSmallWestTacMaxVsSimu
Entries 52019
Data
Simu


epdEastTacMax
Entries 489800
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 489800
Truncated NHits
DSMInput Channel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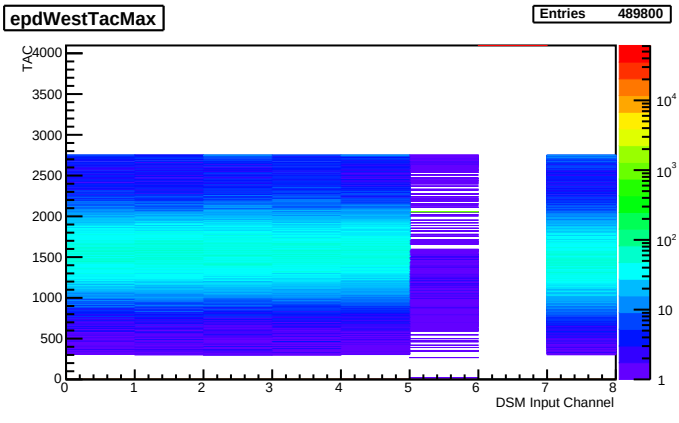
Data-Simu
DSM Input Channel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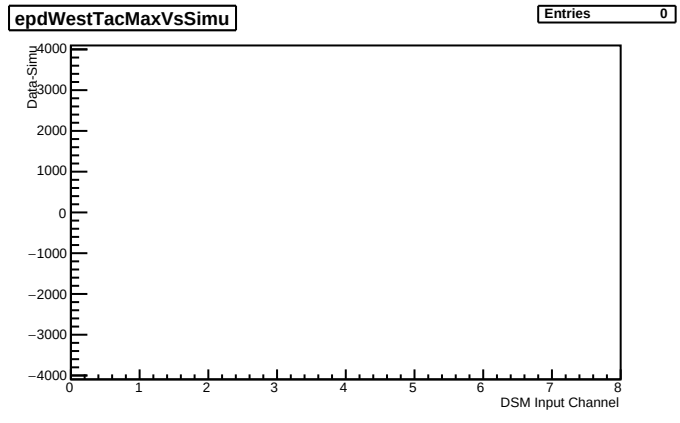
Entries 489800
TAC
DSM Input Channel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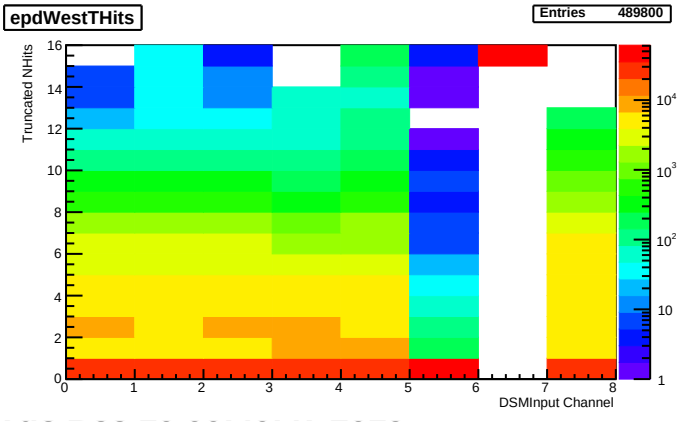
Data-Simu
DSM Input Channel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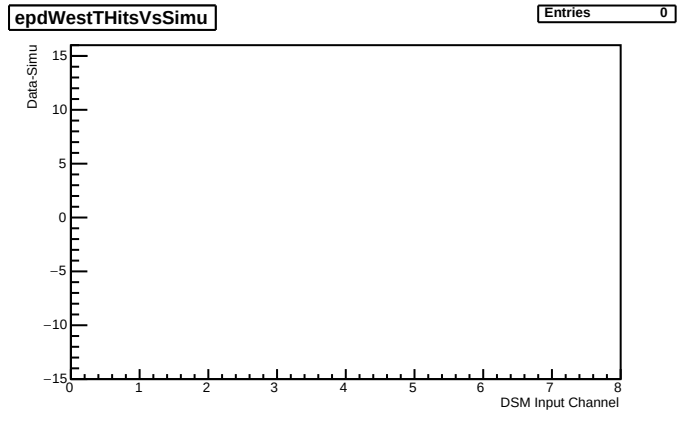
Entries 489800
Truncated NHits
DSMInput Channel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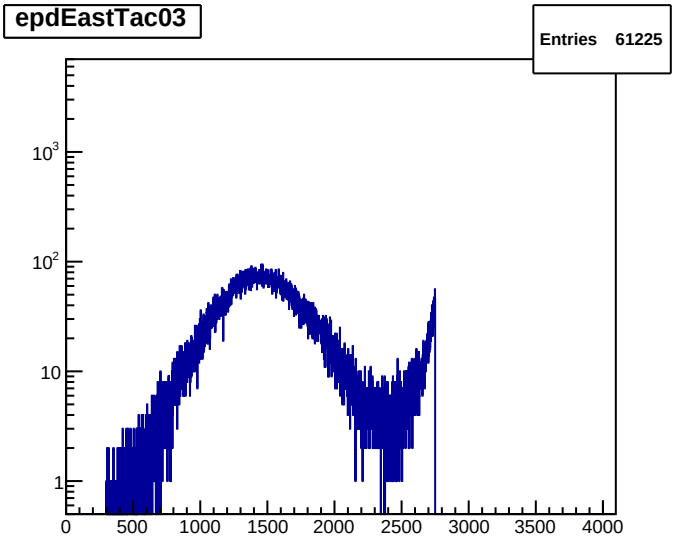
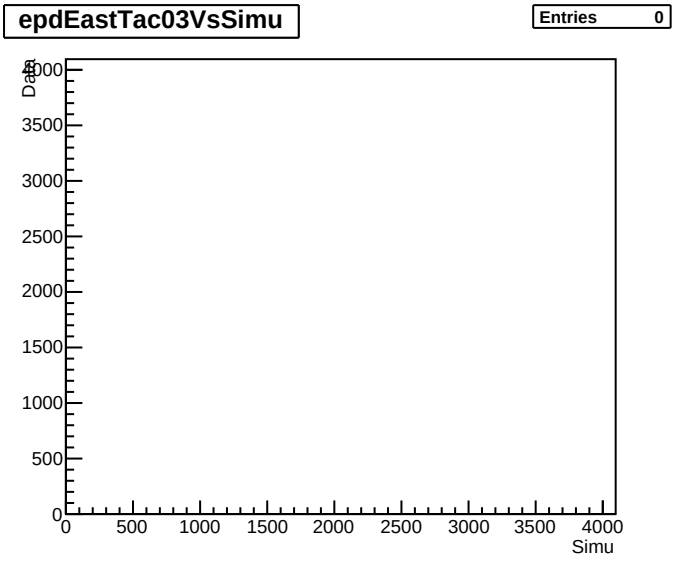
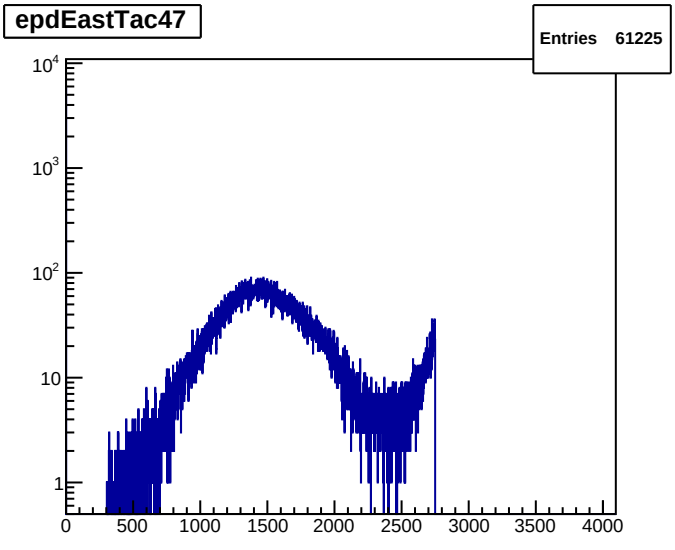
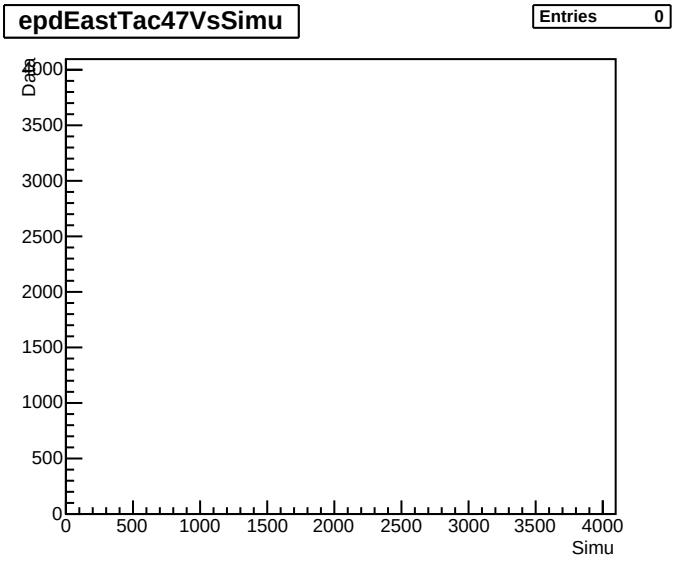
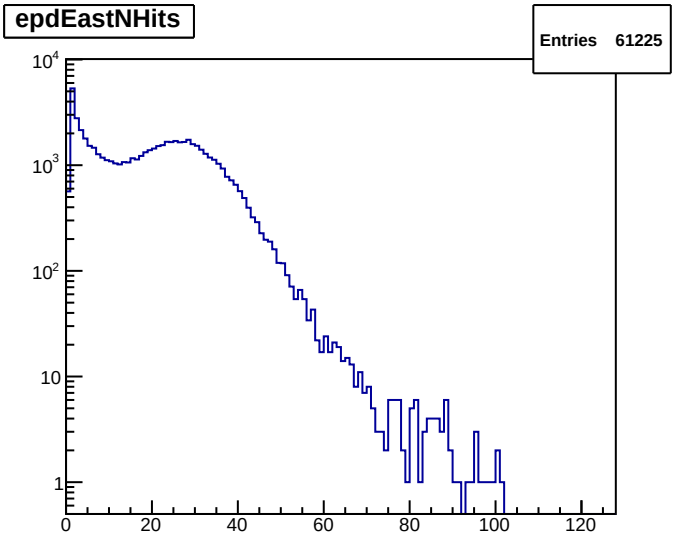
Entries 0
Data-Simu
DSM Input Channel

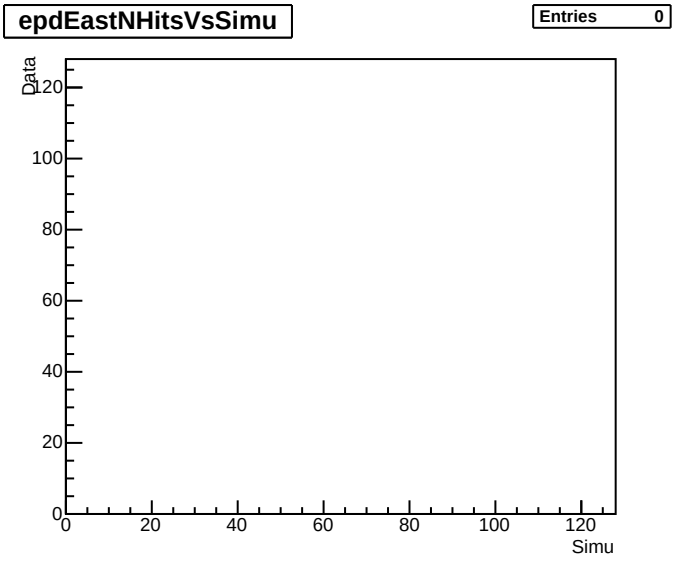

epdEastTac03
Entries 61225


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 61225


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 61225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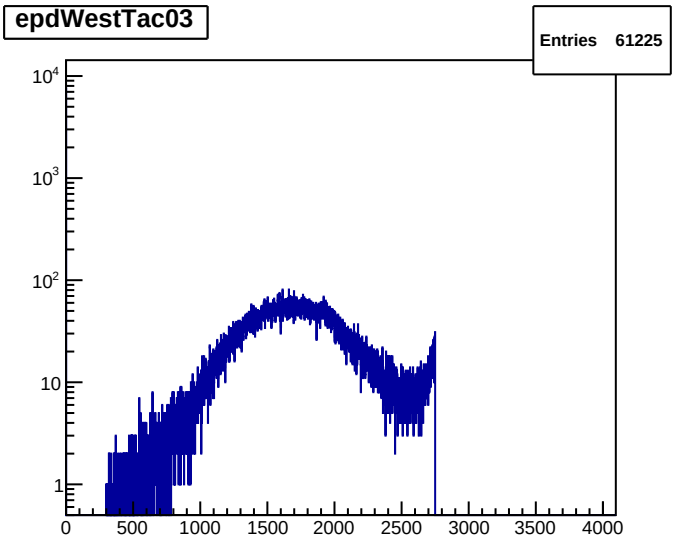
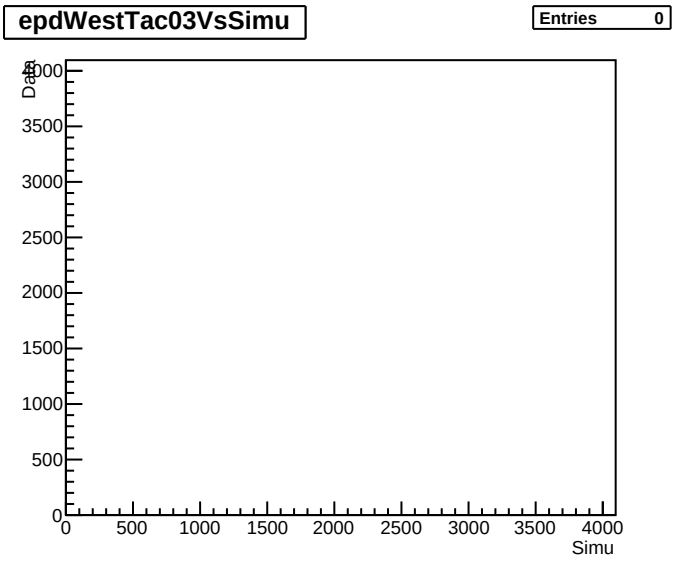
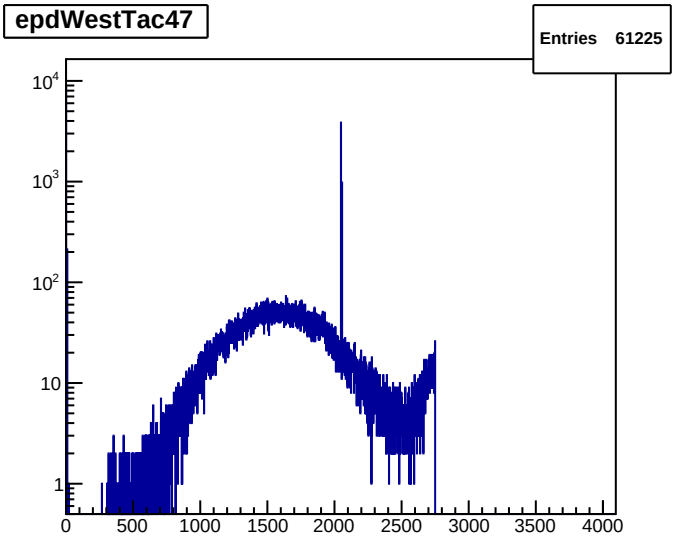
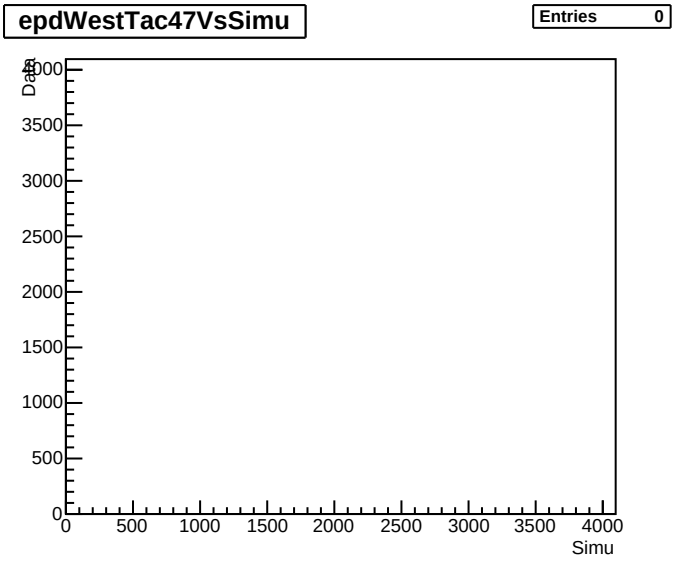
Entries 0
Data
Simu


epdWestTac03
Entries 61225


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 61225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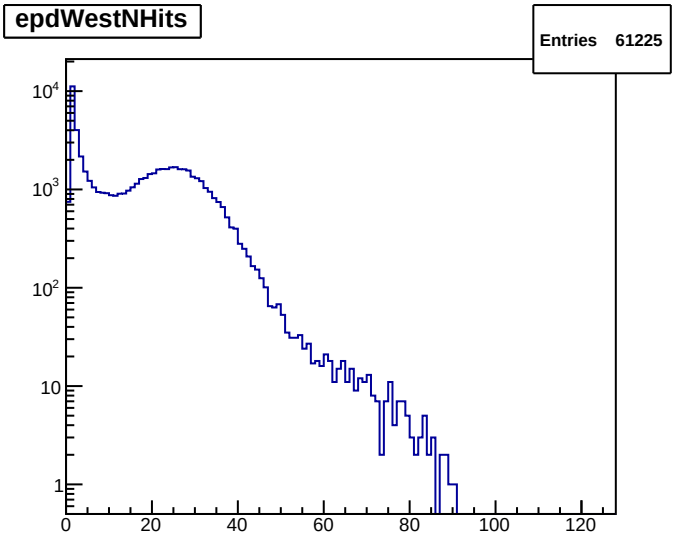
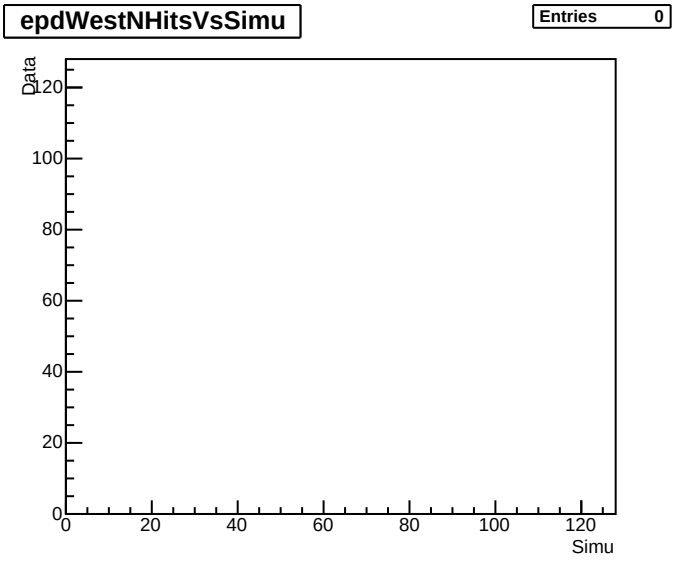
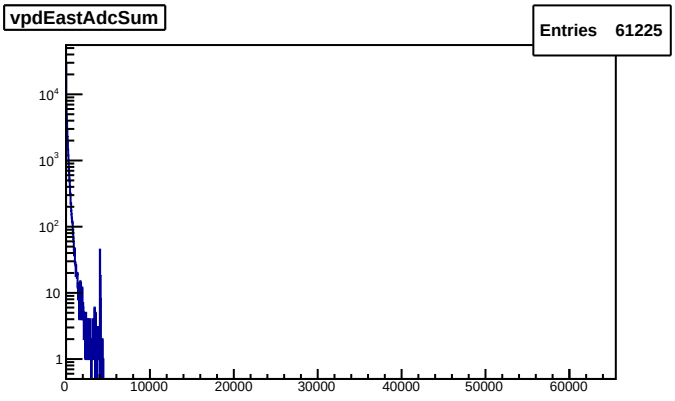
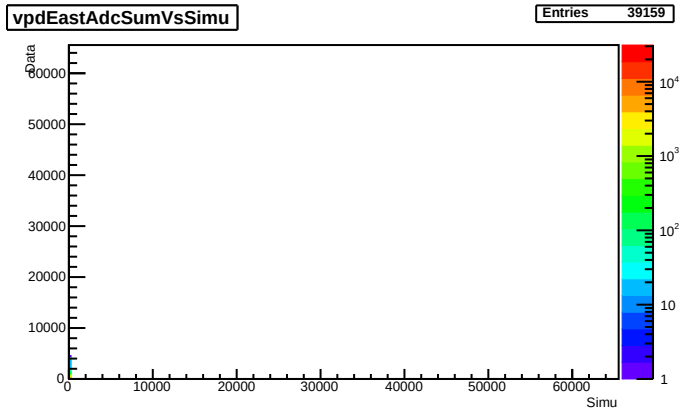
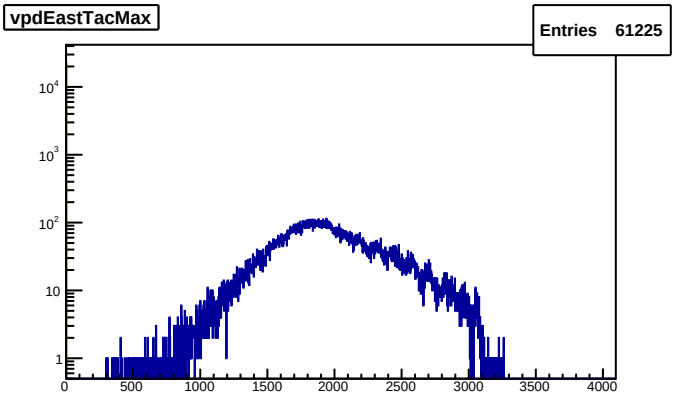
Entries 0
Data
Simu

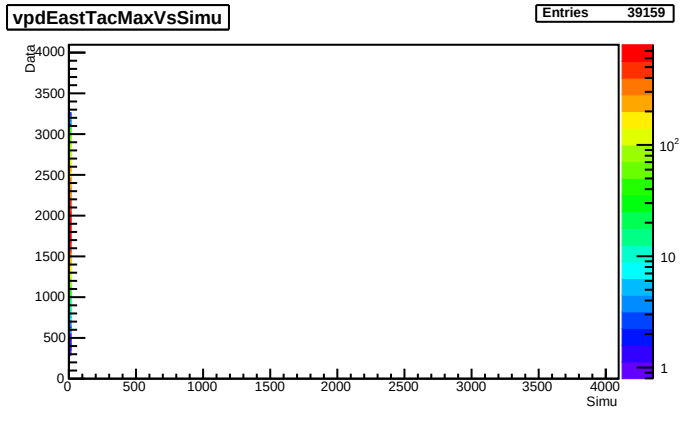

epdWestNHits
Entries 61225

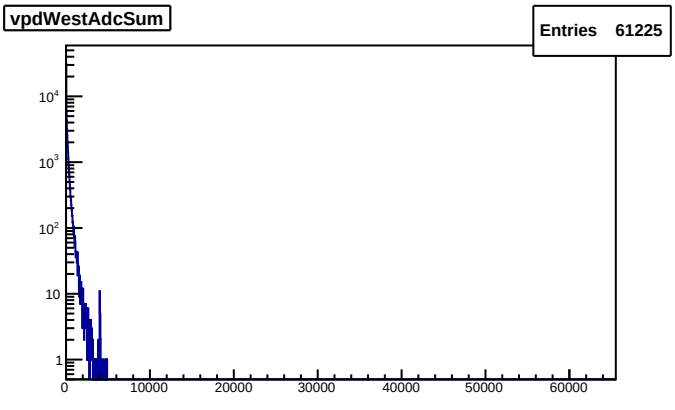

epdWestNHitsVsSimu
Entries 0
Data
Simu

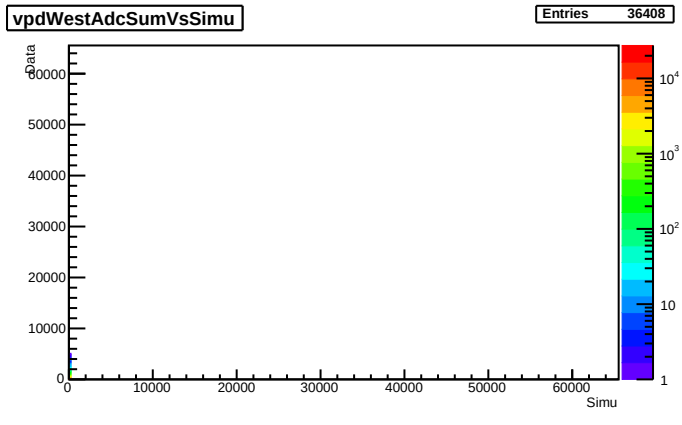

vpdEastAdcSum
Entries 61225

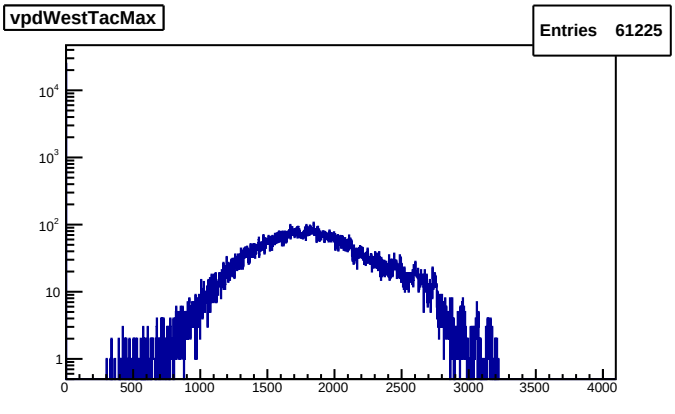

vpdEastAdcSumVsSimu
Entries 39159
Data
Simu

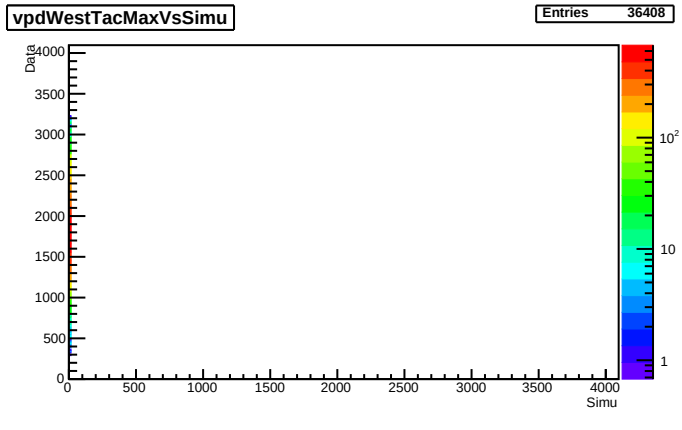

vpdEastTacMax
Entries 61225

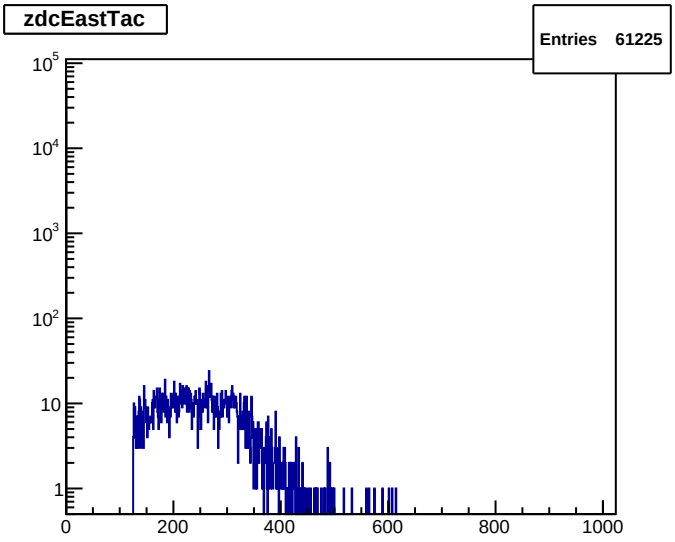

vpdEastTacMaxVsSimu
Entries 39159
Data
Simu

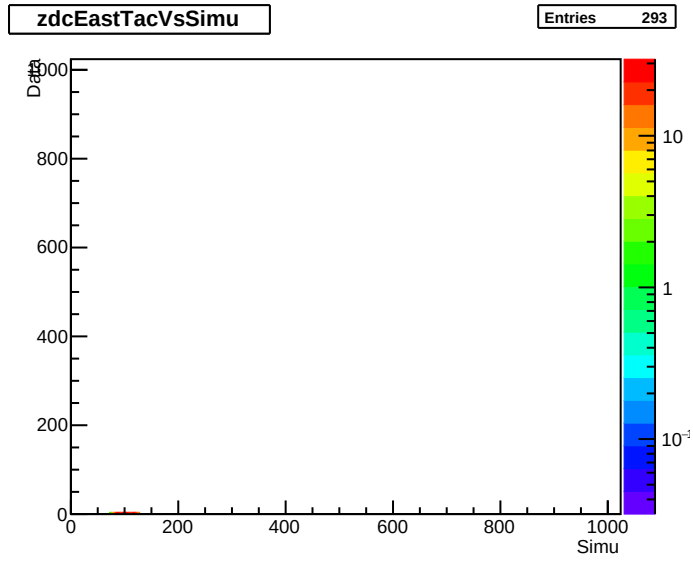

vpdWestAdcSum
Entries 61225

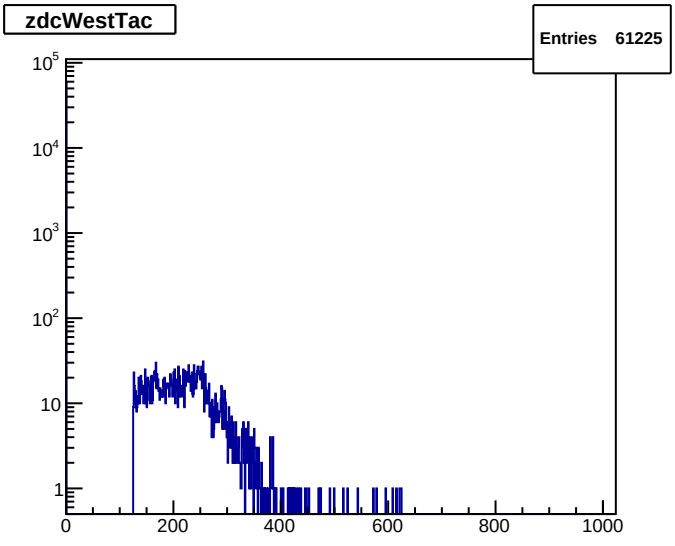

vpdWestAdcSumVsSimu
Entries 36408
Data
Simu

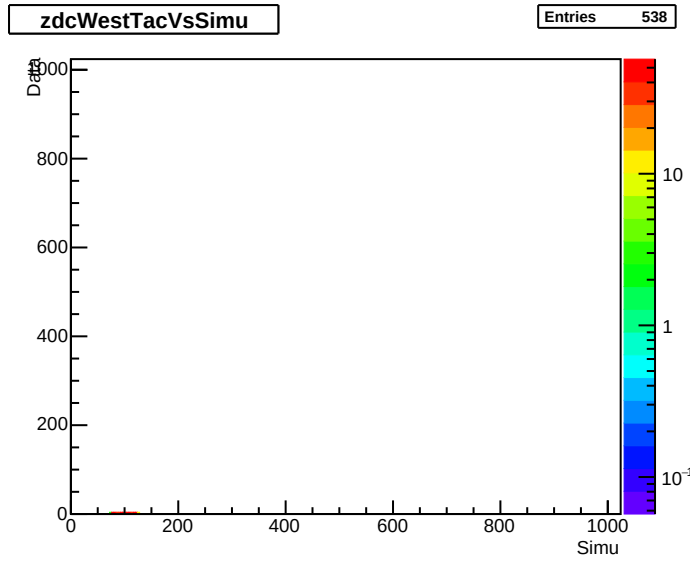

vpdWestTacMax
Entries 61225

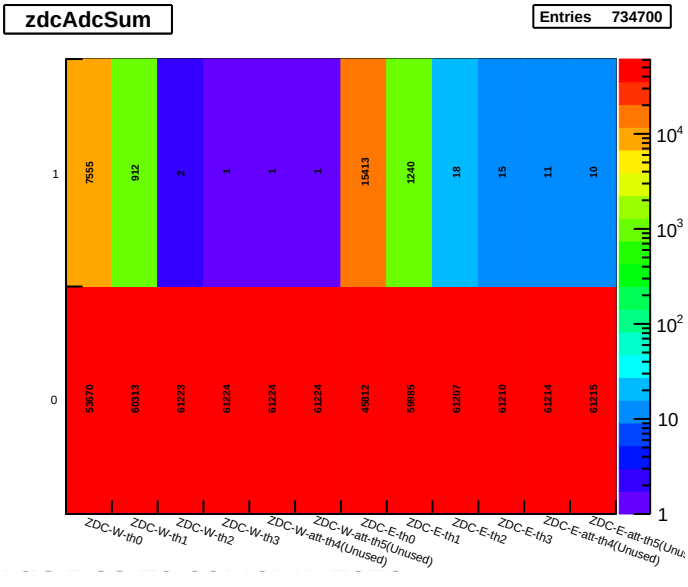

vpdWestTacMaxVsSimu
Entries 36408
Data
Simu

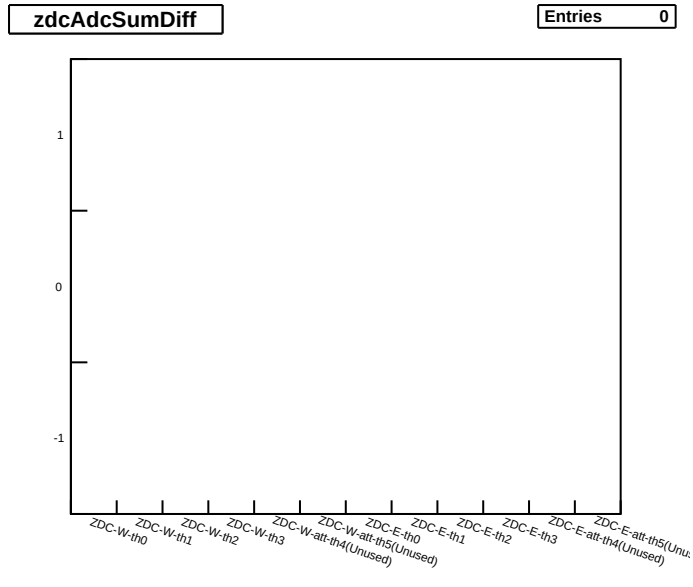

zdcEastTac
Entries 61225

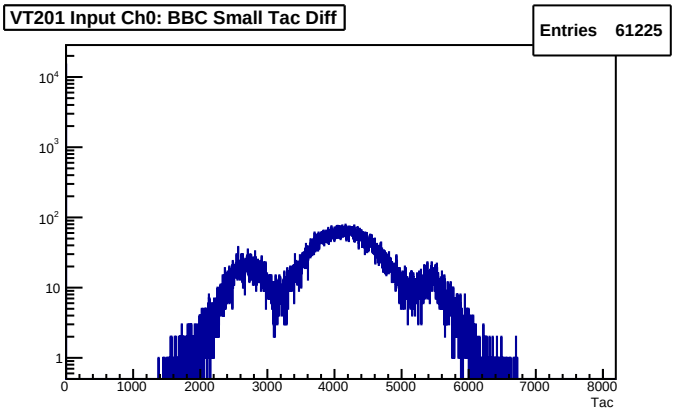

zdcEastTacVsSimu
Entries 293
Data
Simu

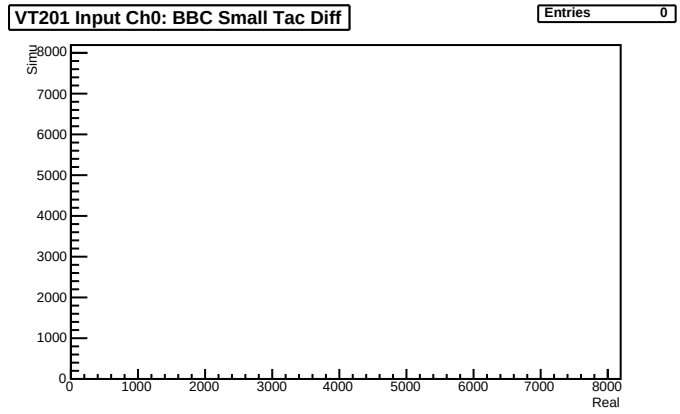

zdcWestTac
Entries 61225

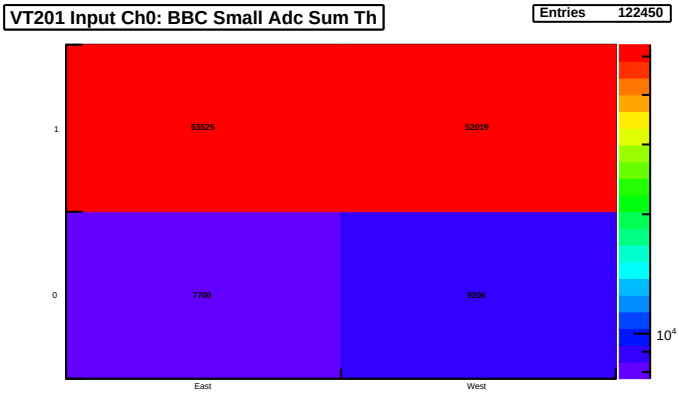

zdcWestTacVsSimu
Entries 538
Data
Simu

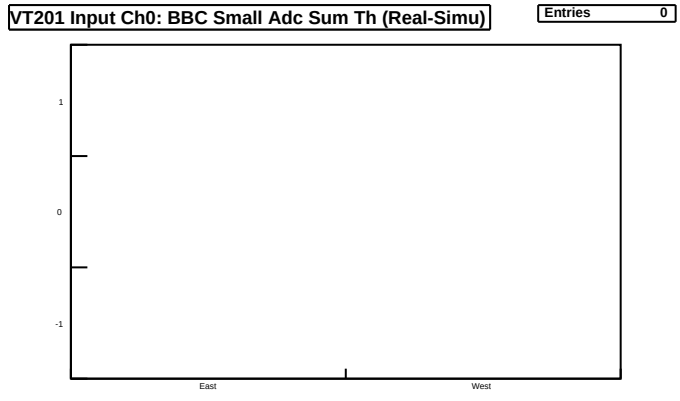

zdcAdcSum
Entries 734700
7555
912
2
1
1
1
15413
1240
18
15
11
10
53870
60013
61223
61224
61224
61224
45812
59985
61207
61210
61214
61215
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

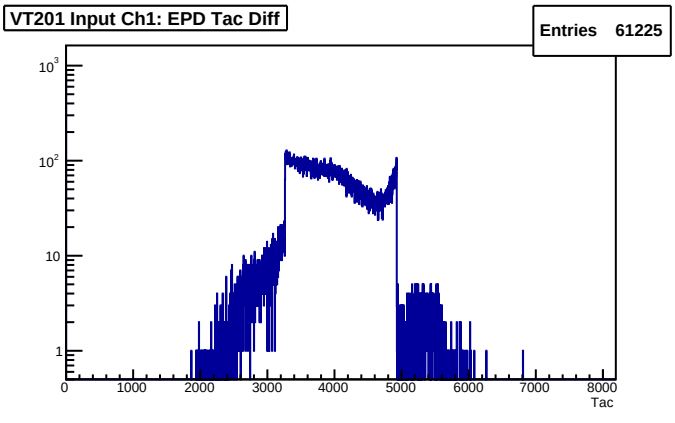

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

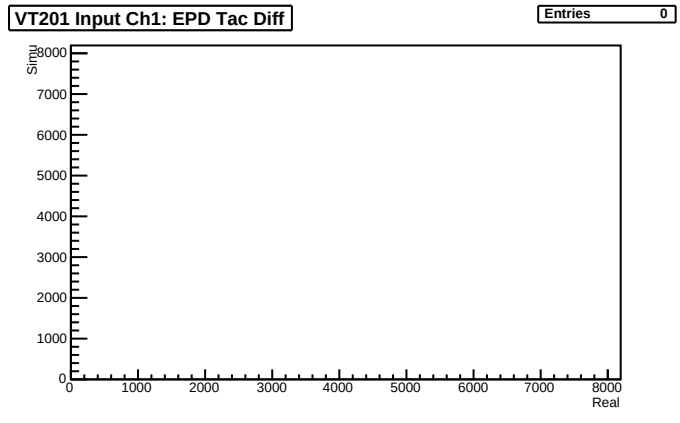

VT201 Input Ch0: BBC Small Tac Diff
Entries 61225
Tac

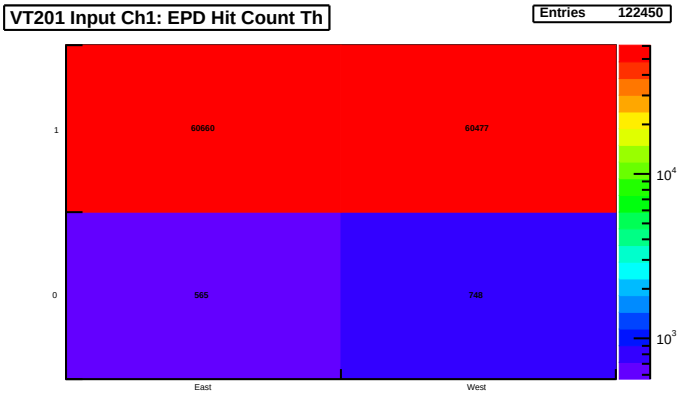

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

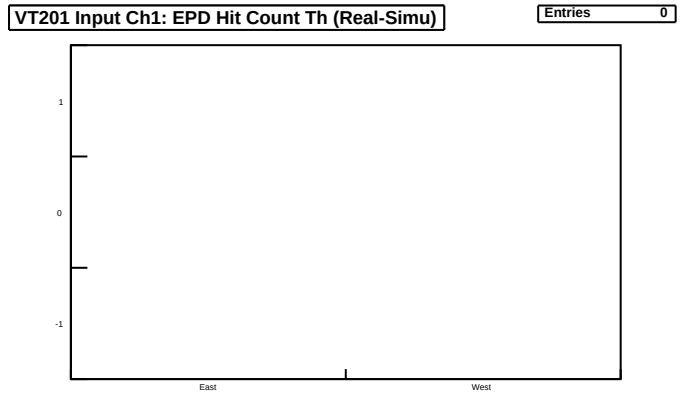

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 122450
53525
52019
7700
9206
East
West

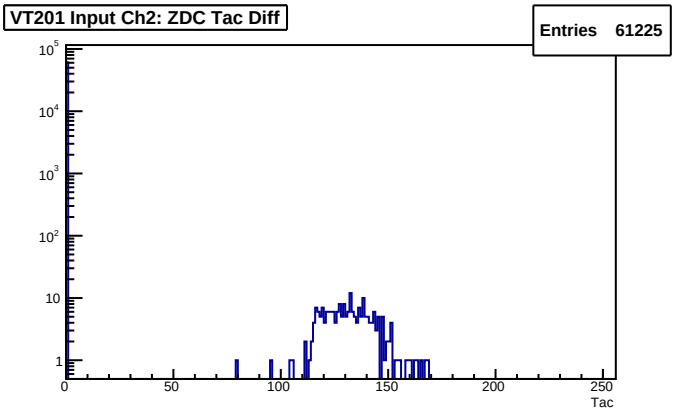

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

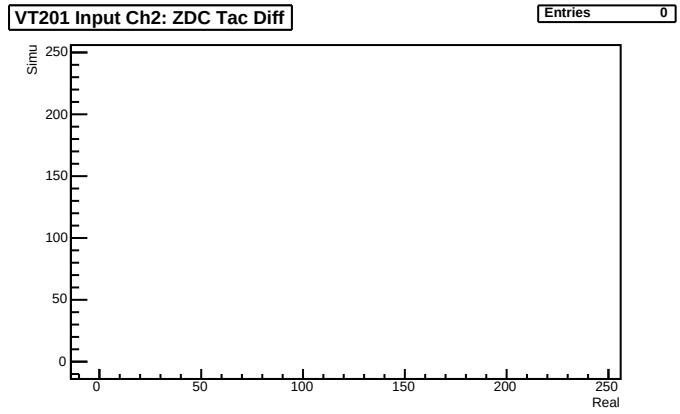

VT201 Input Ch1: EPD Tac Diff
Entries 61225
Tac

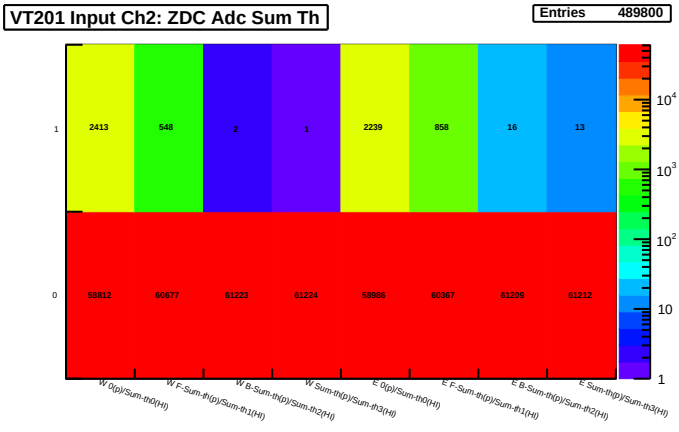

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

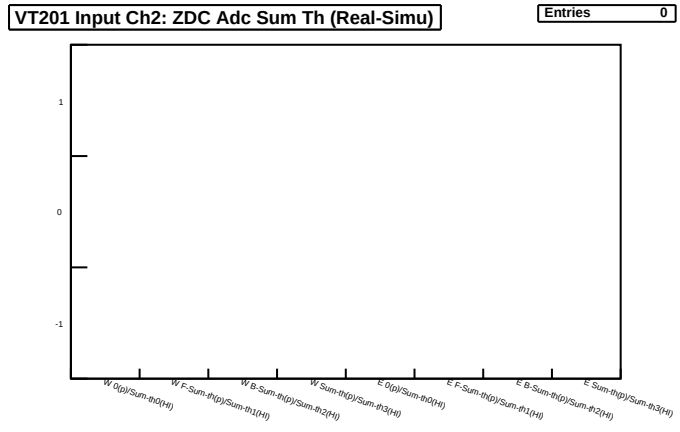

VT201 Input Ch1: EPD Hit Count Th
Entries 122450
60660
60477
565
748
East
West

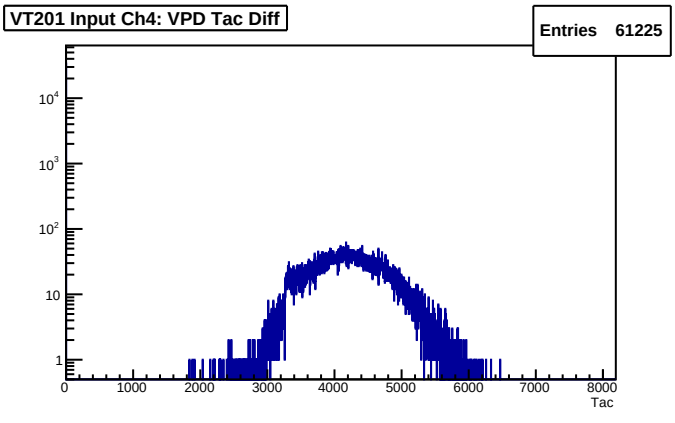

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

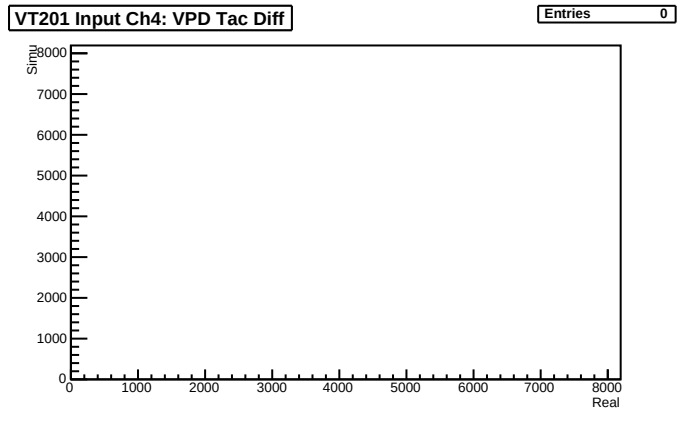

VT201 Input Ch2: ZDC Tac Diff
Entries 61225
Tac

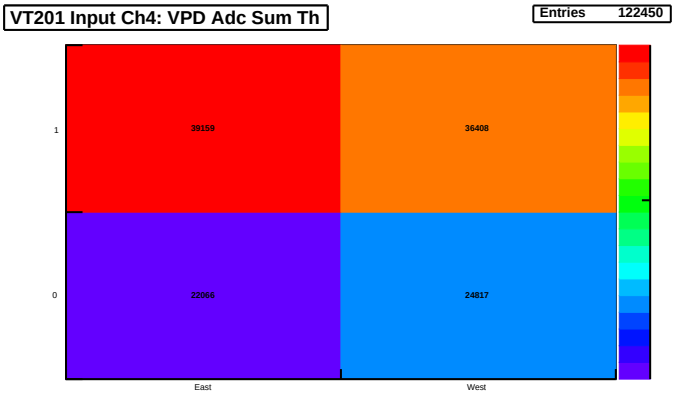

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

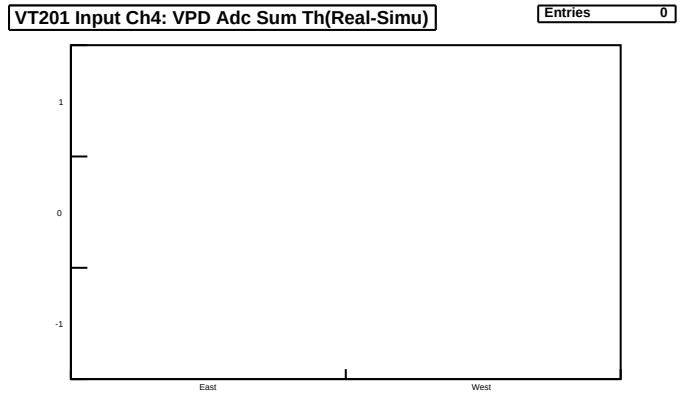

VT201 Input Ch2: ZDC Adc Sum Th
Entries 489800
2413
548
2
1
2239
858
16
13
58812
60677
61223
61224
58986
60367
61209
61212
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

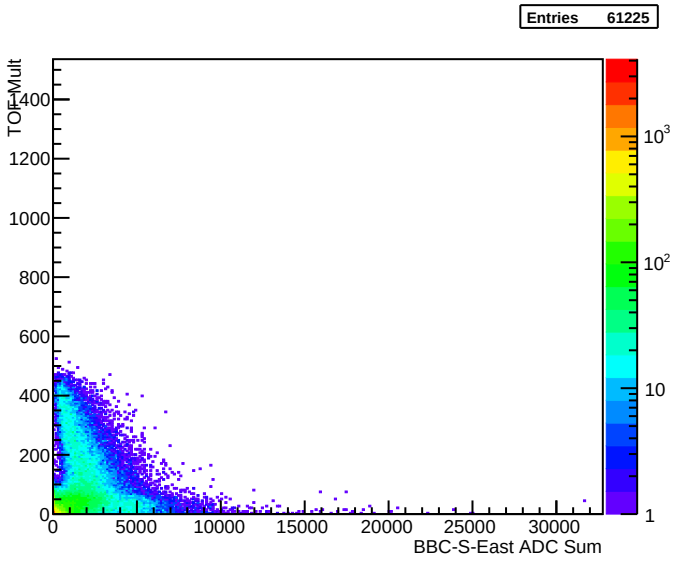

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

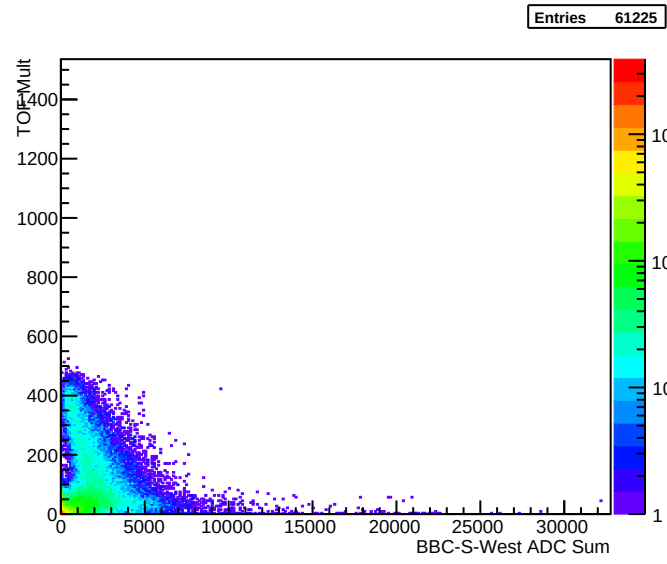

VT201 Input Ch4: VPD Tac Diff
Entries 61225
Tac

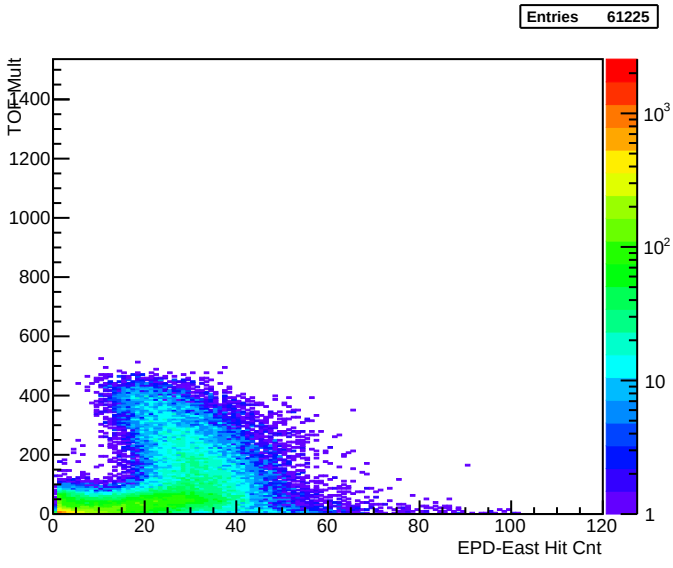

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

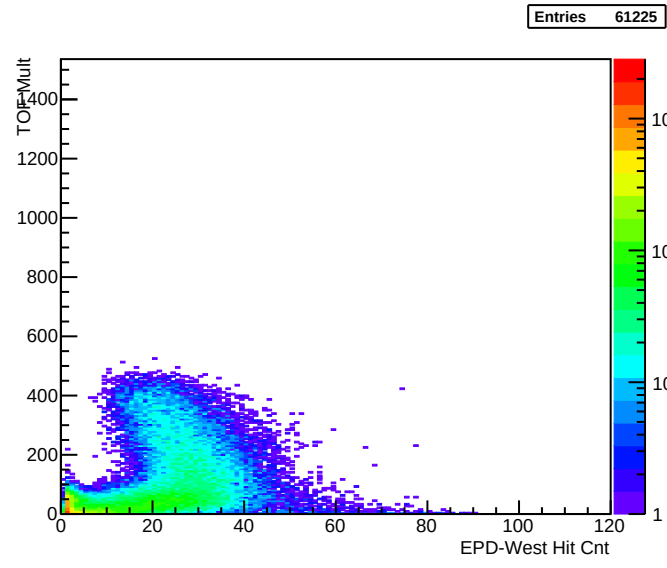

VT201 Input Ch4: VPD Adc Sum Th
Entries 122450
39159
36408
22066
24817
East
West

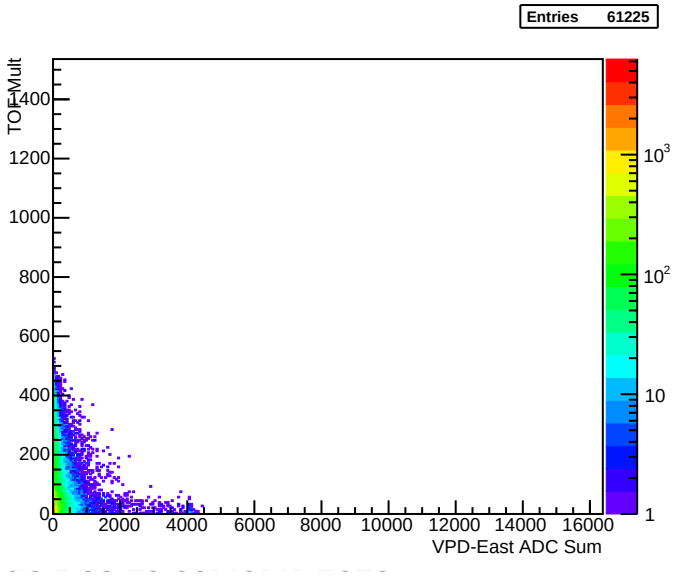

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

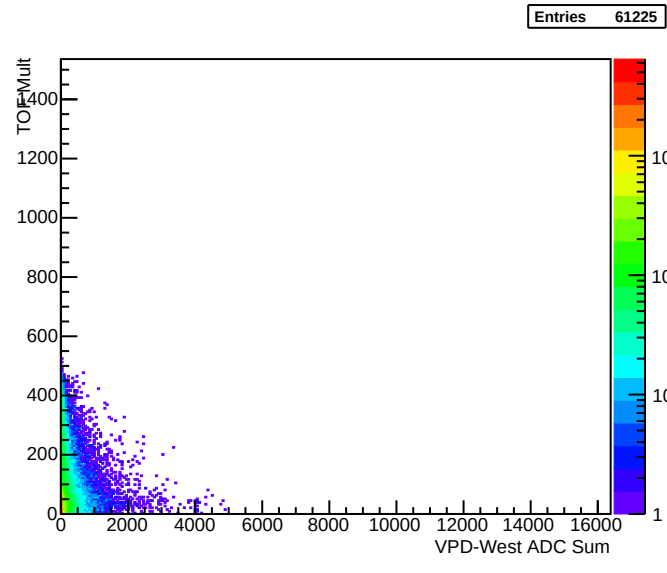

Entries 61225
TOF-Mult
BBC-S-East ADC Sum

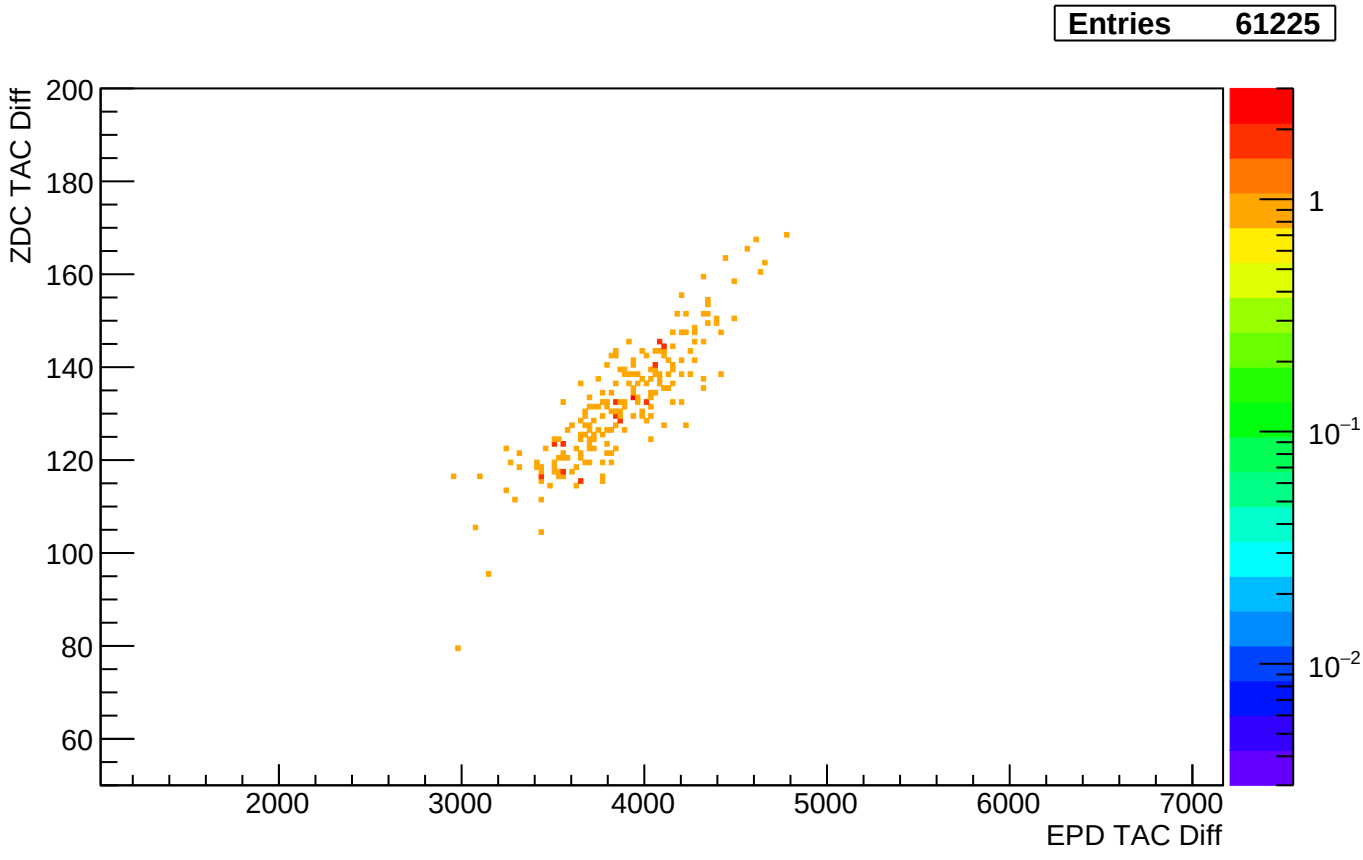

Entries 61225
TOF-Mult
BBC-S-West ADC Sum

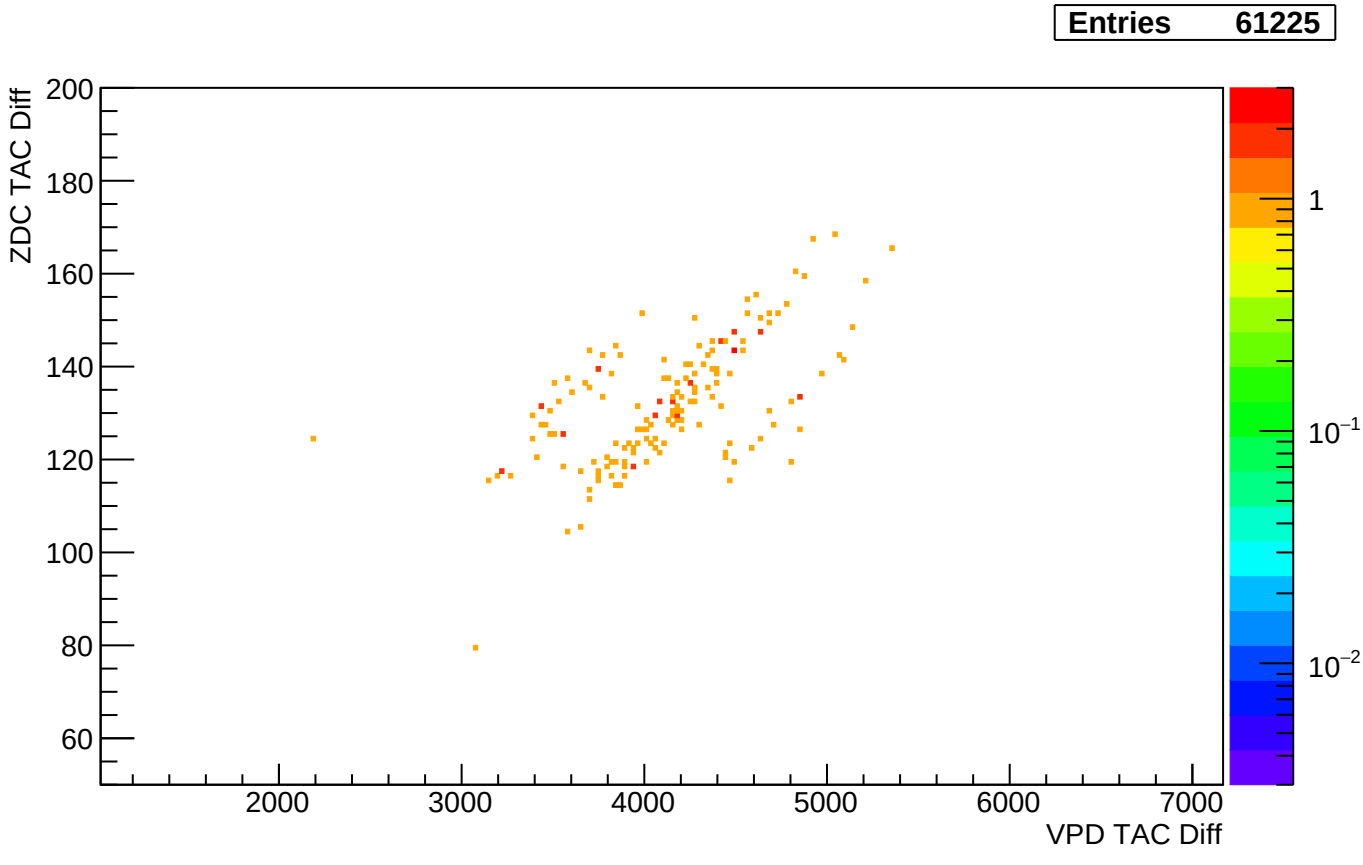

Entries 61225
TOF-Mult
EPD-East Hit Cnt

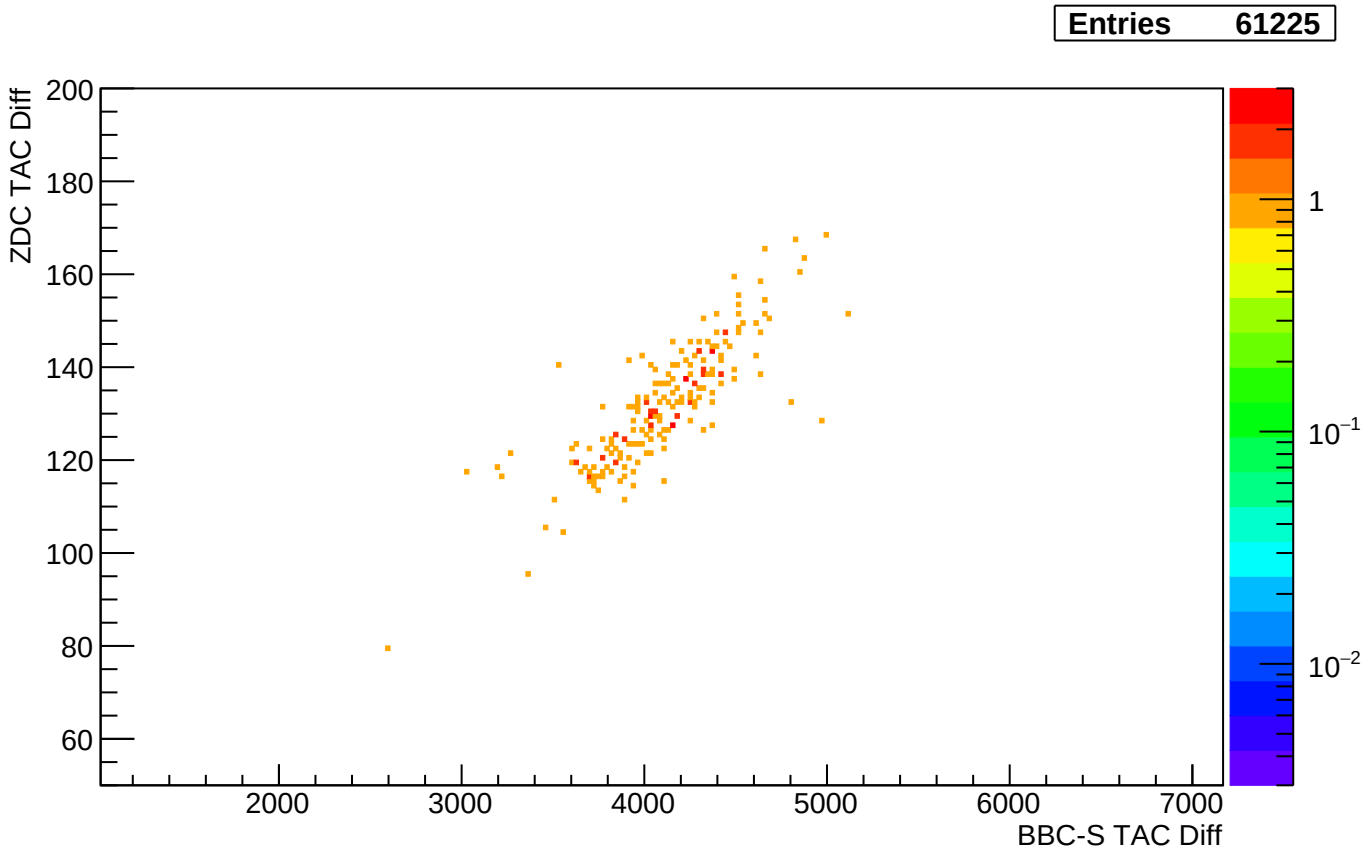

Entries 61225
TOF-Mult
EPD-West Hit Cnt

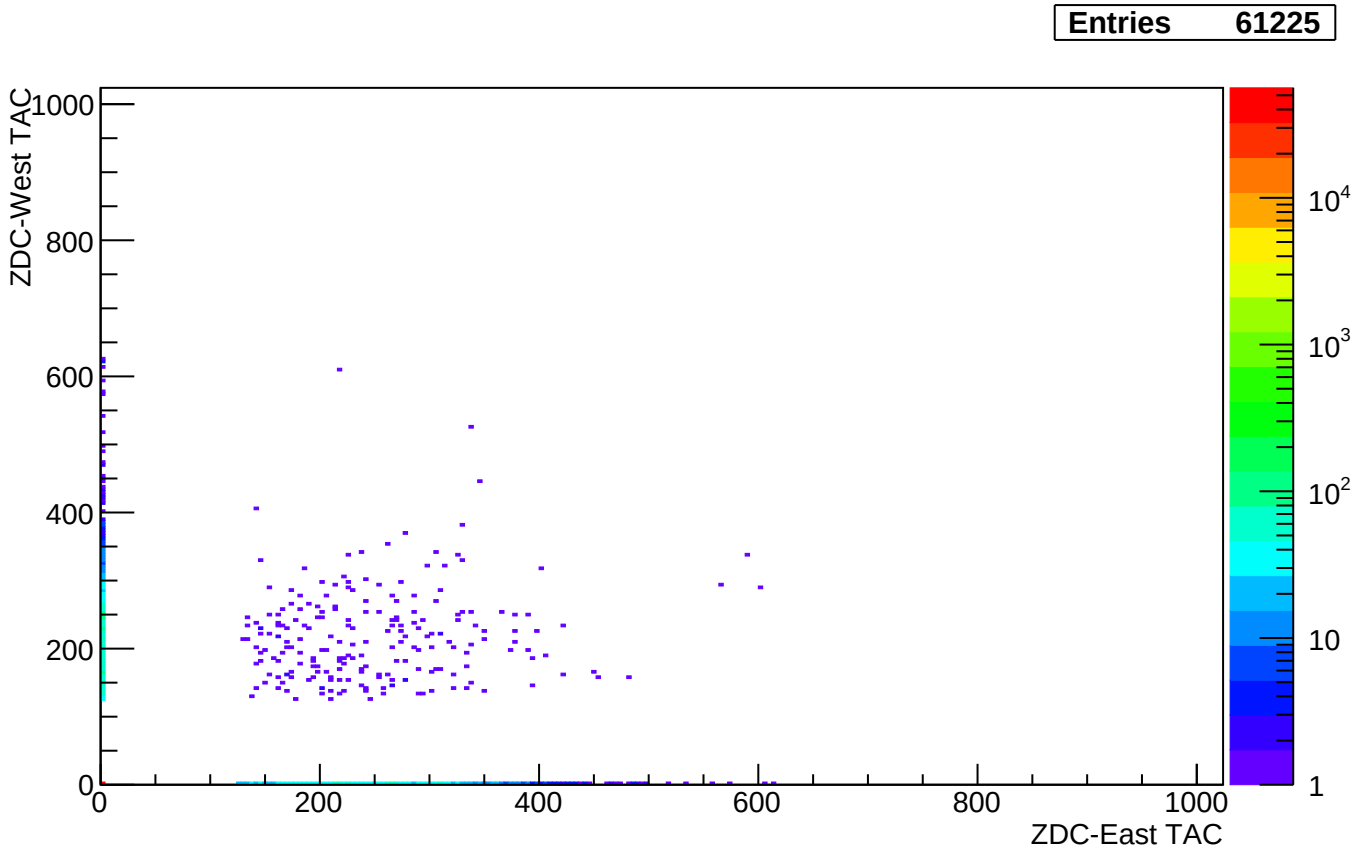

Entries 61225
TOF-Mult
VPD-East ADC Sum

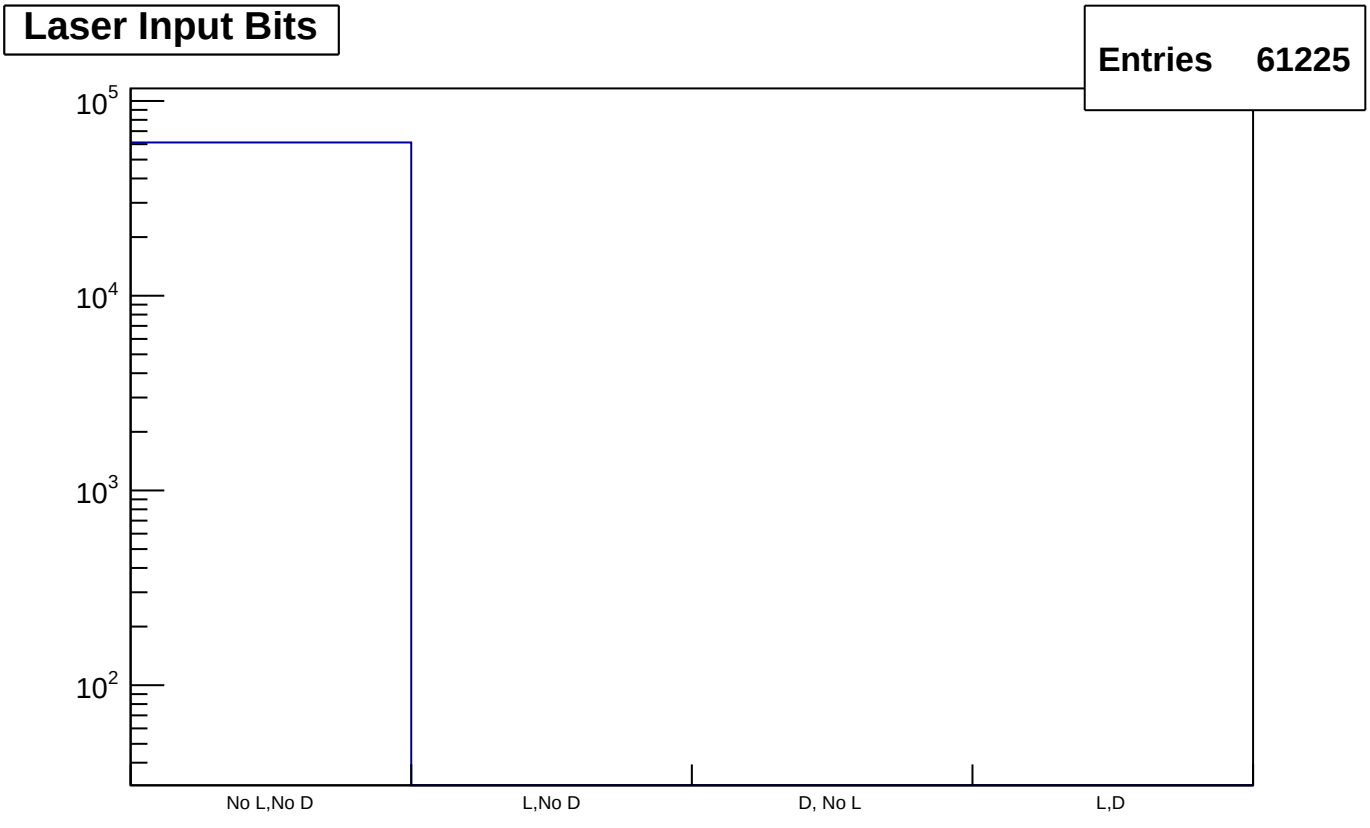

Entries 61225
TOF-Mult
VPD-West ADC Sum

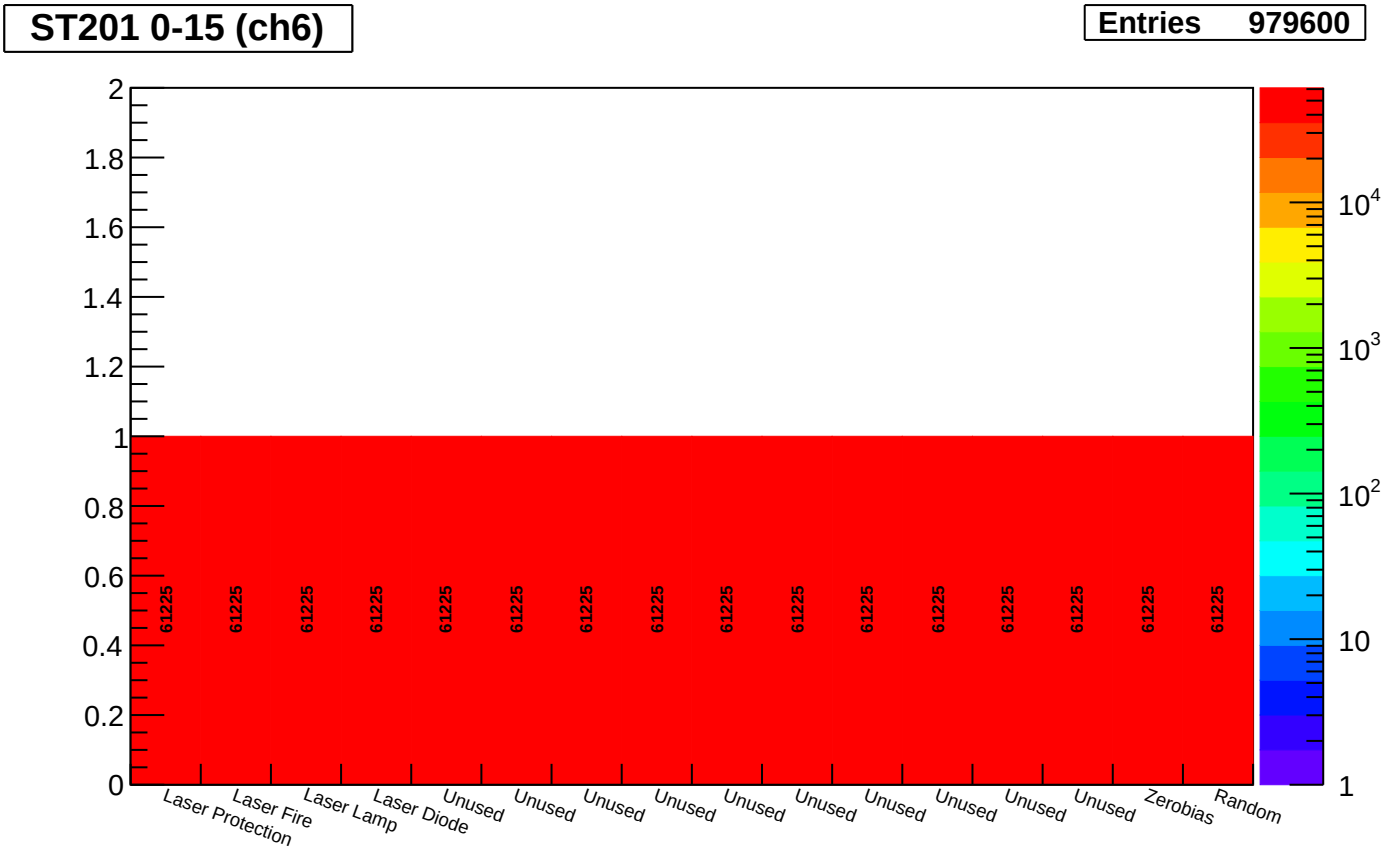

Entries 61225
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

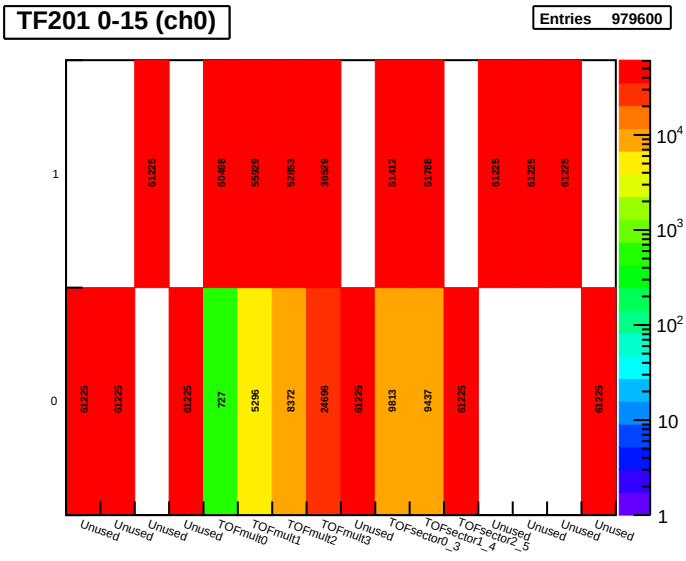

Entries 61225
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

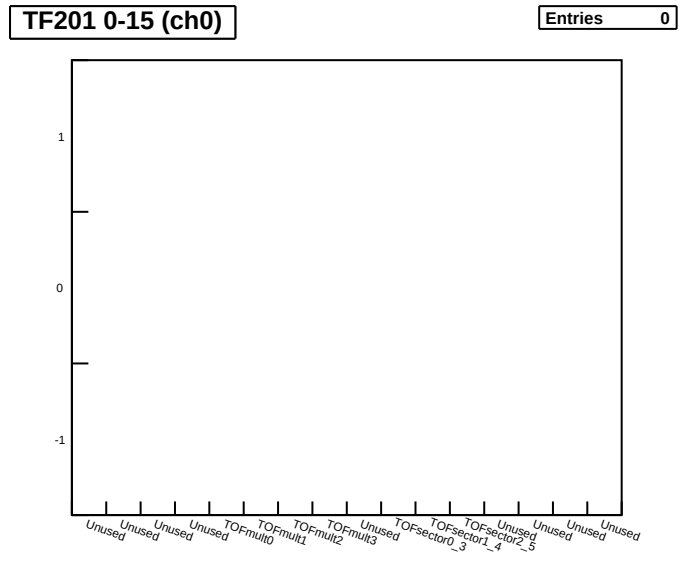

Entries 61225
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

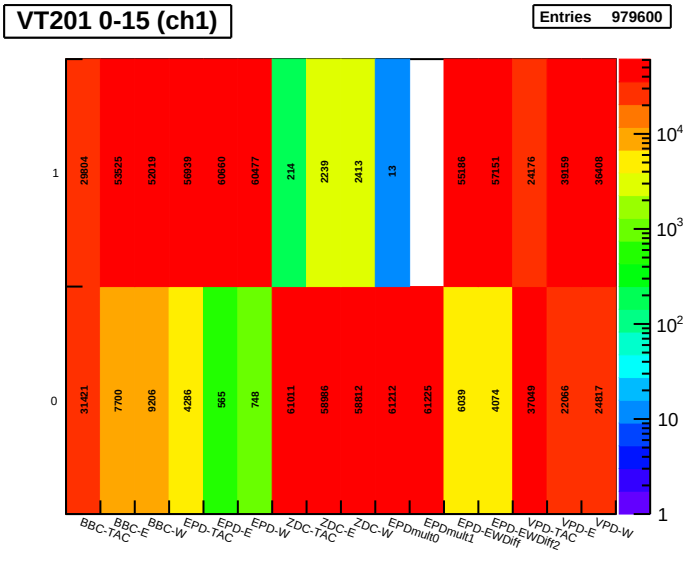

Entries 61225
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

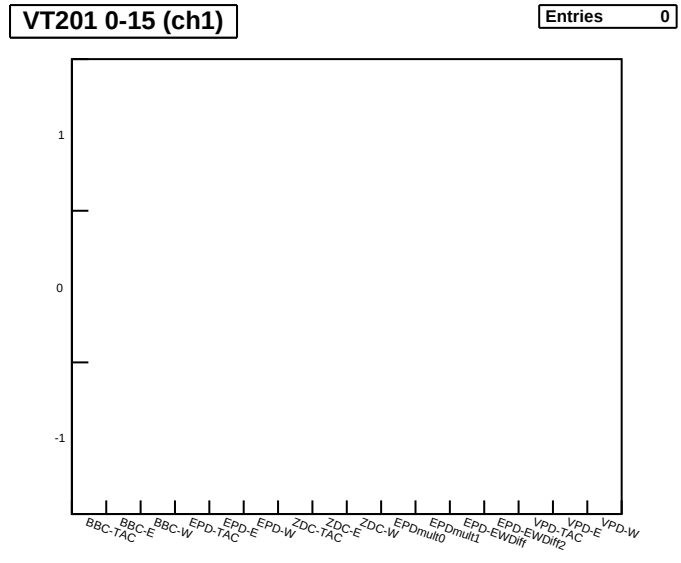

Laser Input Bits
Entries 61225
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

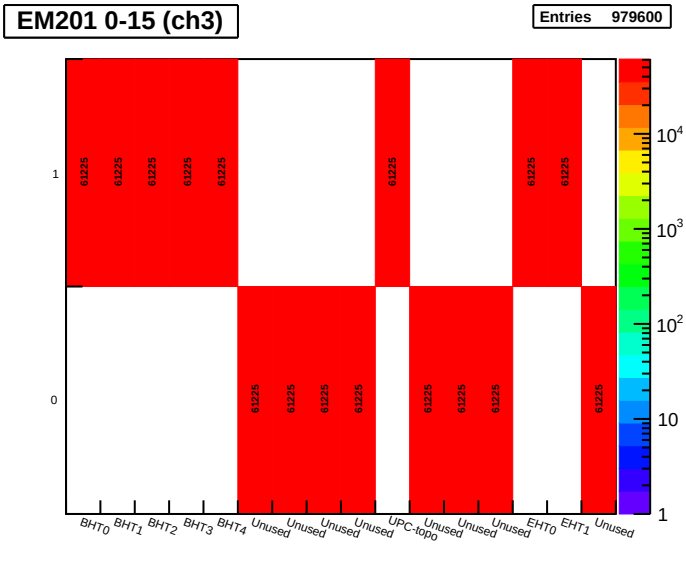

ST201 0-15 (ch6)
Entries 979600
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
61225
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^4
10^3
10^2
10
1

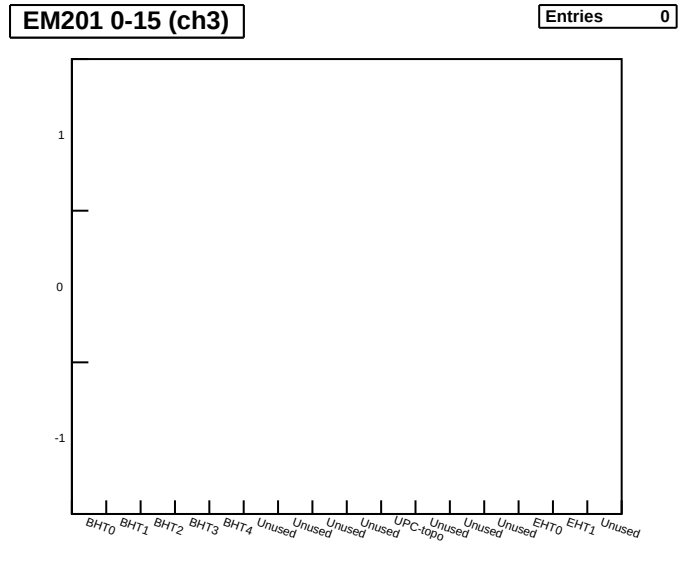

TF201 0-15 (ch0)
Entries 979600
1
0
61225
60488
55929
52853
36529
51412
51788
61225
61225
61225
61225
61225
61225
727
5296
8372
24696
61225
9813
9437
61225
61225
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 979600
1
0
29804
53525
53019
56939
60660
60477
214
2239
2413
13
55186
57151
24176
39159
35408
31421
7700
9206
4286
565
748
61011
58986
58812
61212
61225
6039
4074
37049
22066
24817
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W
10^4
10^3
10^2
10
1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 979600
1
0
61225
61225
61225
61225
61225
61225
61225
61225
61225
61225
61225
61225
61225
61225
61225
61225
61225
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused