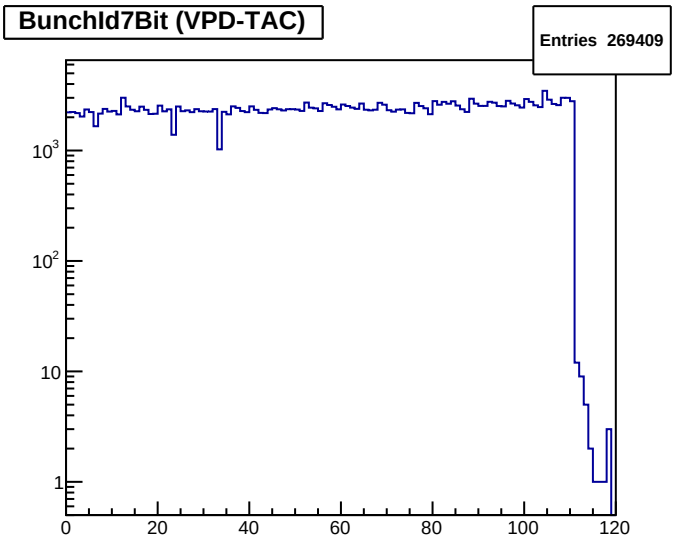
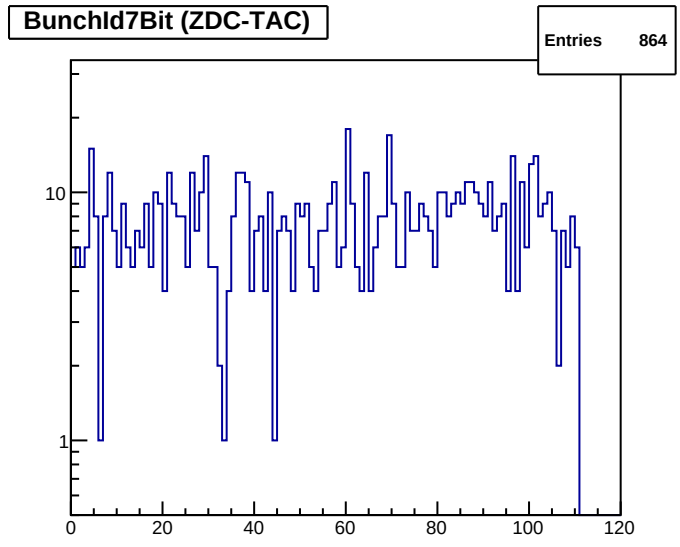
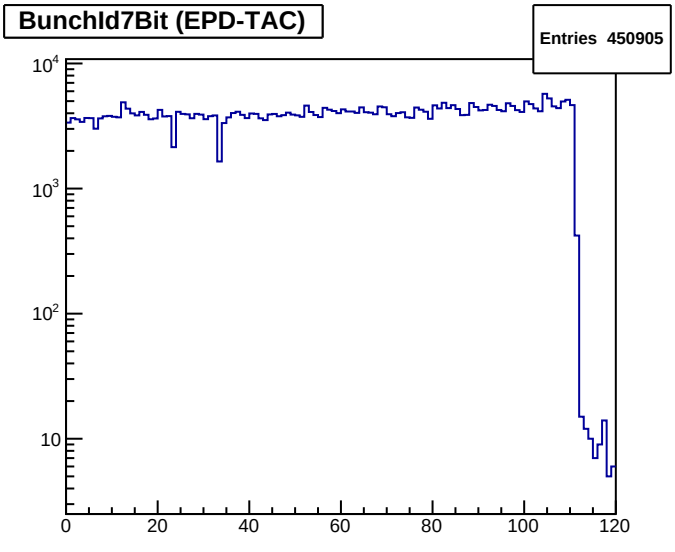
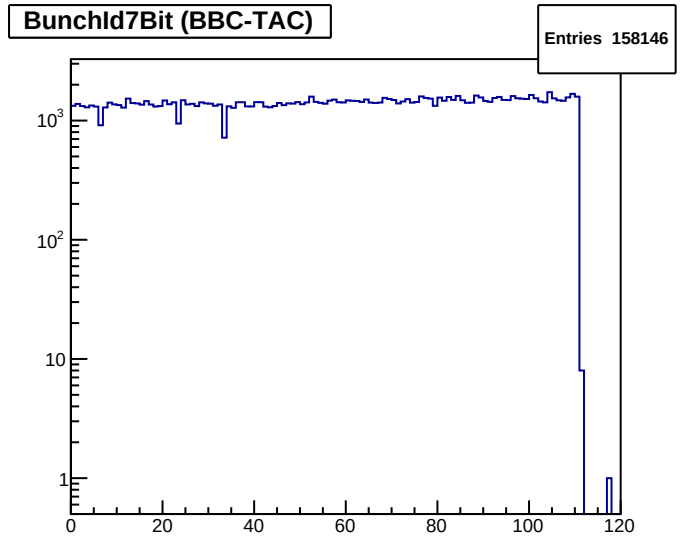
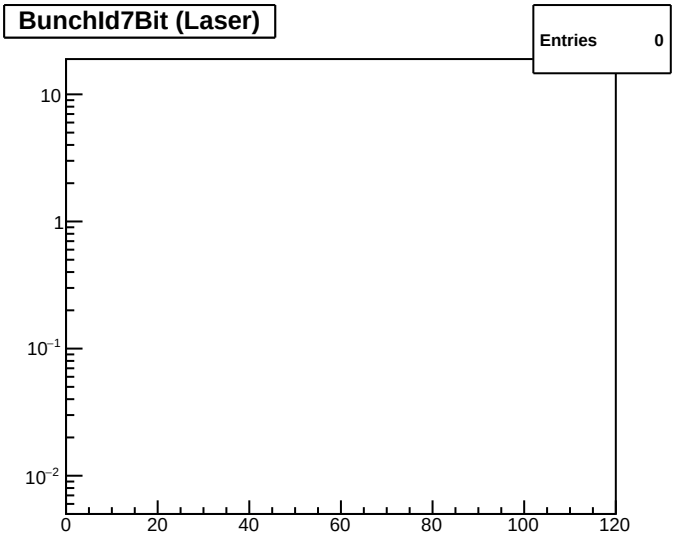
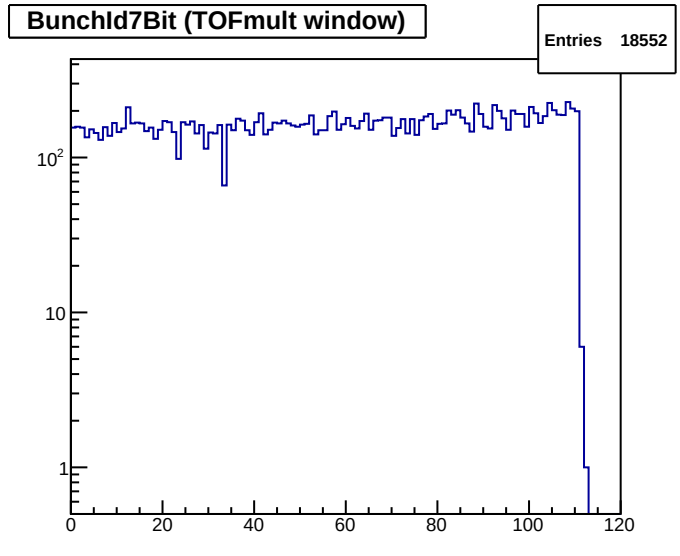

BunchId7Bit (VPD-TAC)
Entries 269409

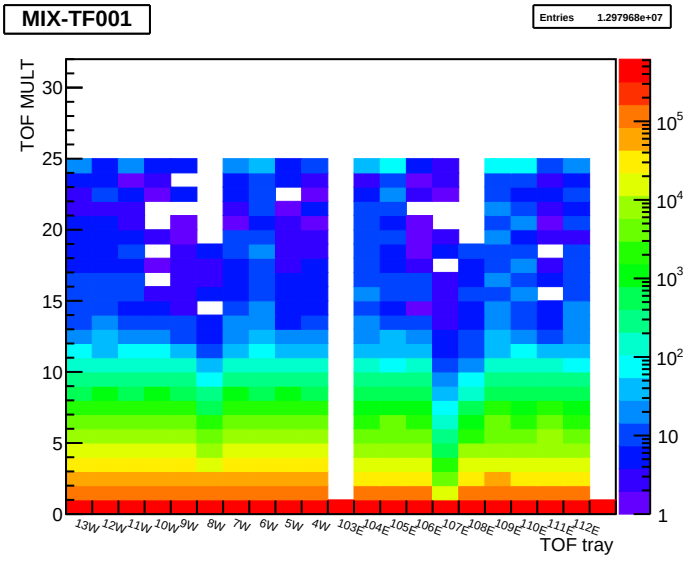

BunchId7Bit (ZDC-TAC)
Entries 864

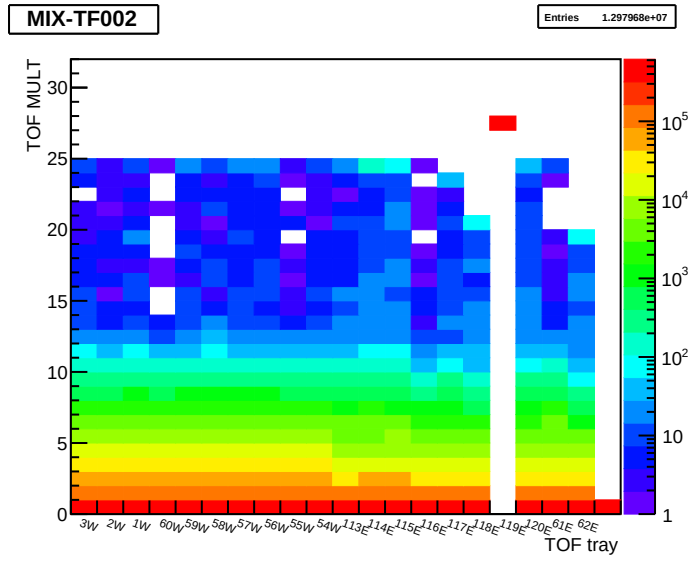

BunchId7Bit (EPD-TAC)
Entries 450905

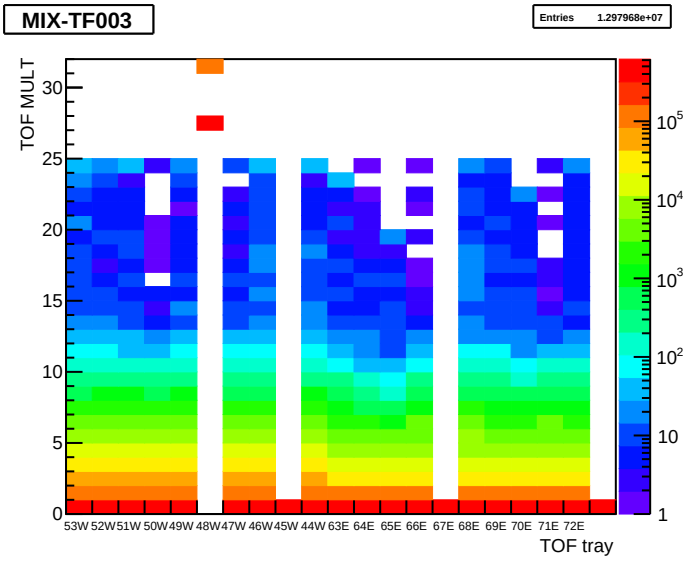

BunchId7Bit (BBC-TAC)
Entries 158146

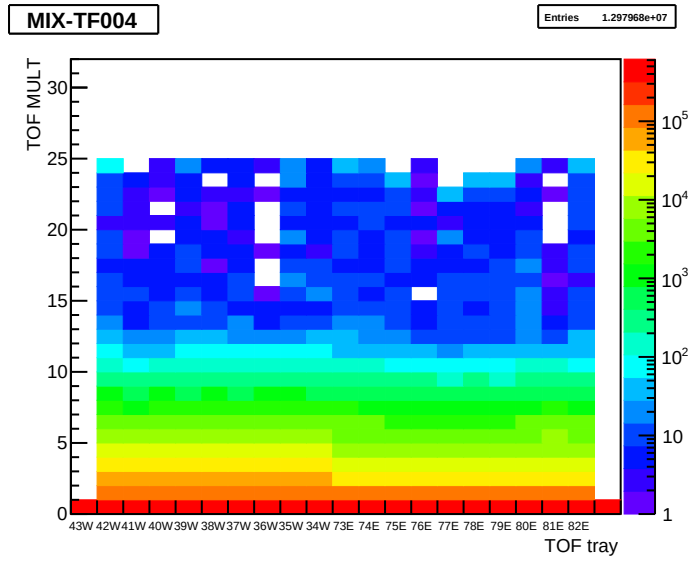

BunchId7Bit (Laser)
Entries 0

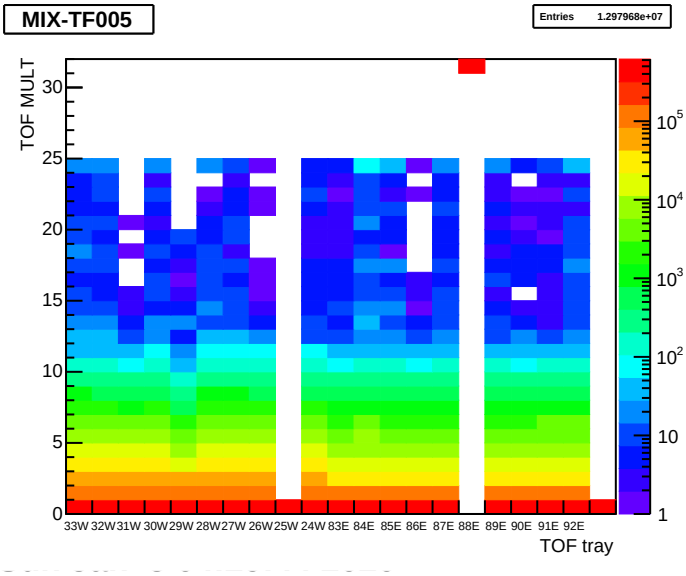

BunchId7Bit (TOFmult window)
Entries 18552

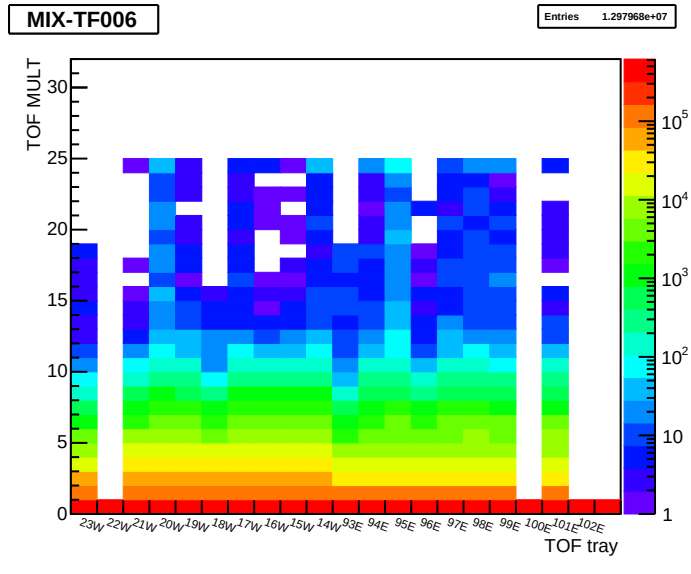

MIX-TF001
Entries 1.297968e+07
TOF MULT
TOF tray

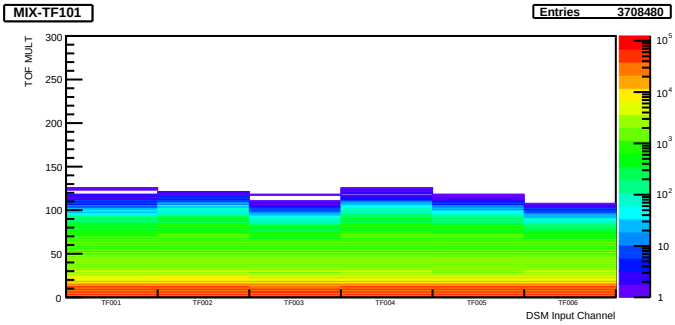

MIX-TF002
Entries 1.297968e+07
TOF MULT
TOF tray

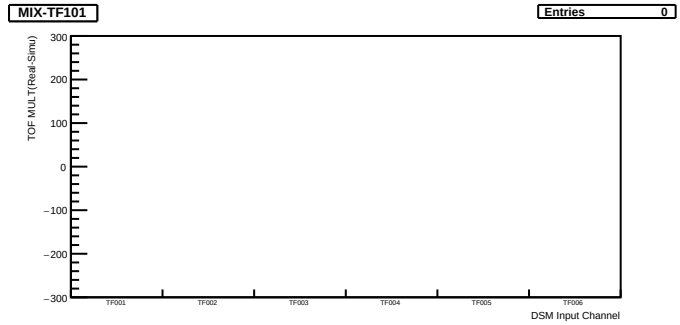

MIX-TF003
Entries 1.297968e+07
TOF MULT
TOF tray

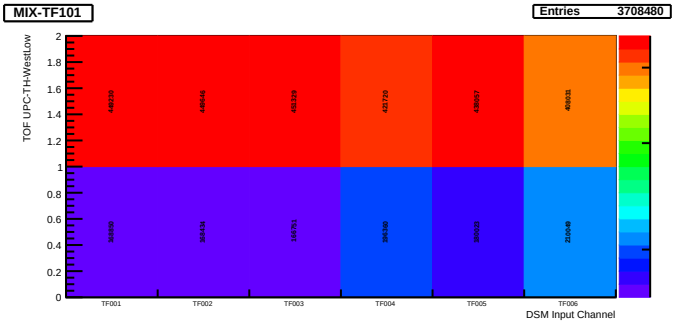

MIX-TF004
Entries 1.297968e+07
TOF MULT
TOF tray

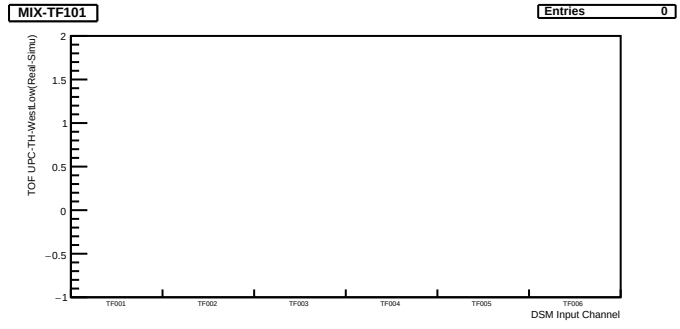

MIX-TF005
Entries 1.297968e+07
TOF MULT
TOF tray

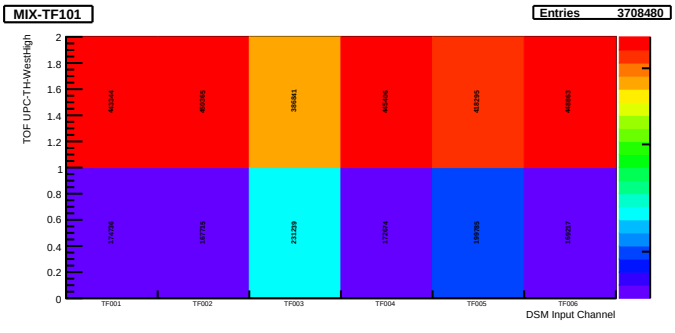

MIX-TF006
Entries 1.297968e+07
TOF MULT
TOF tray

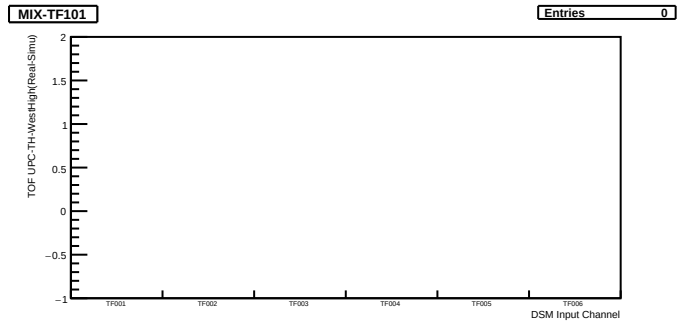

MIX-TF101
Entries 3708480
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

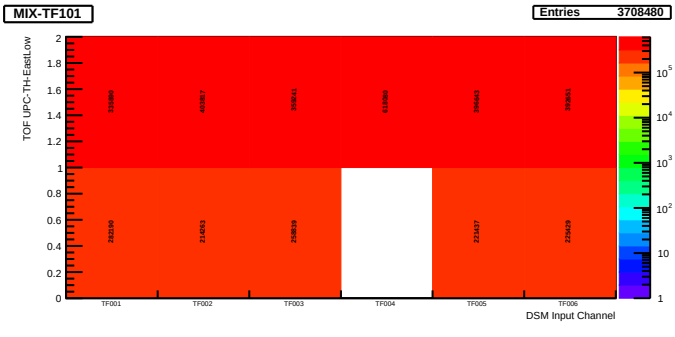

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

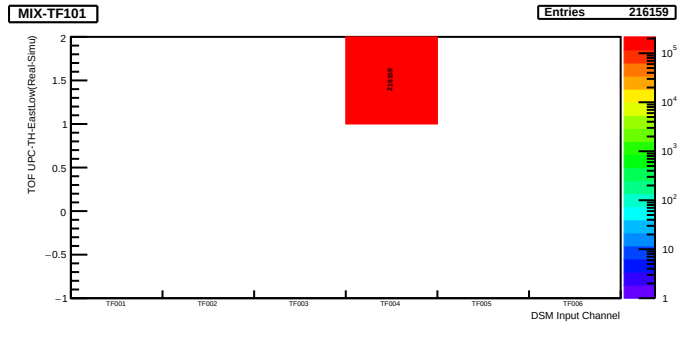

MIX-TF101
Entries 3708480
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

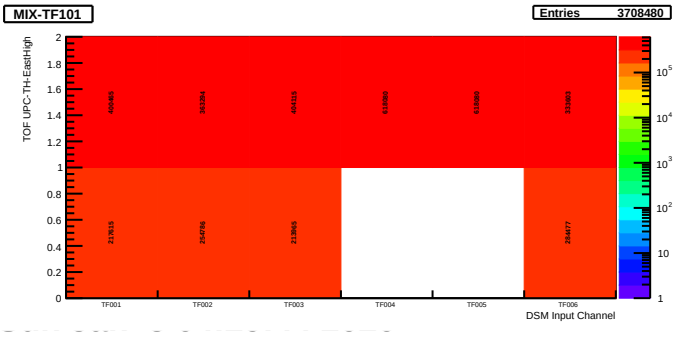

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

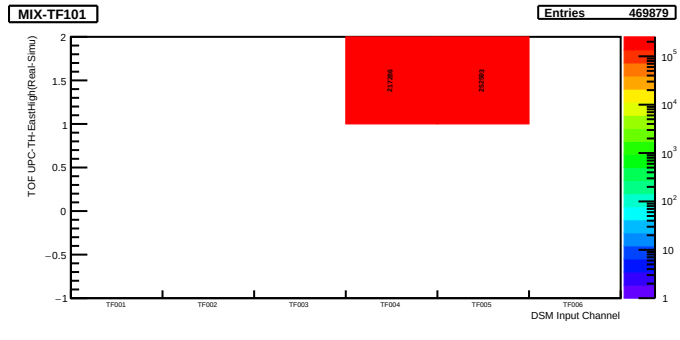

MIX-TF101
Entries 3708480
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

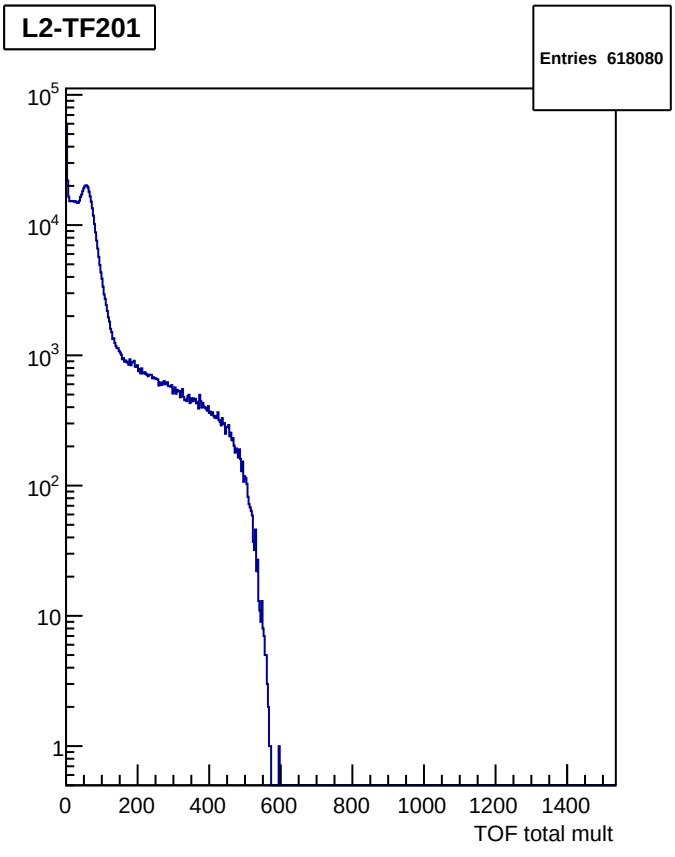

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

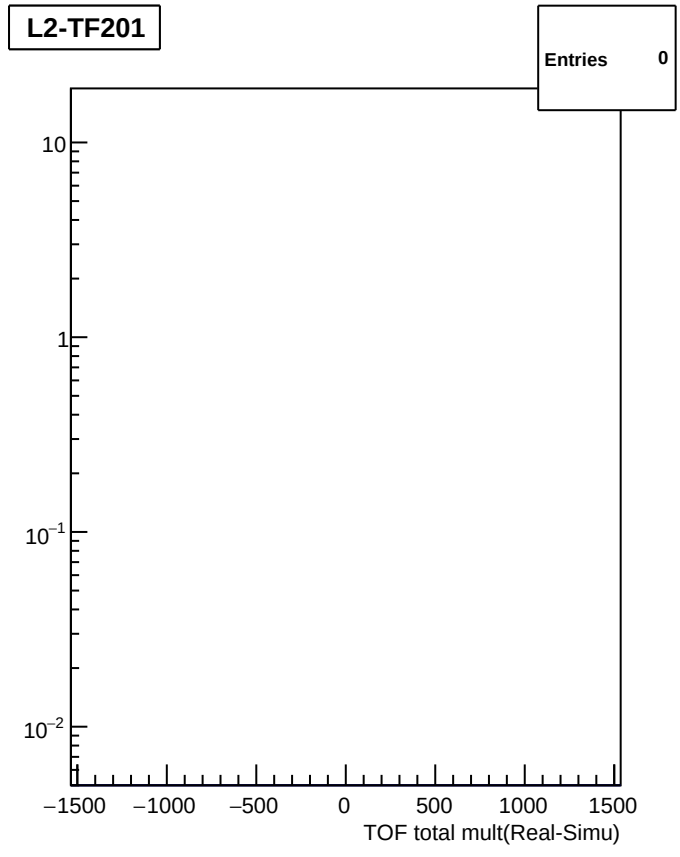

MIX-TF101
Entries 3708480
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

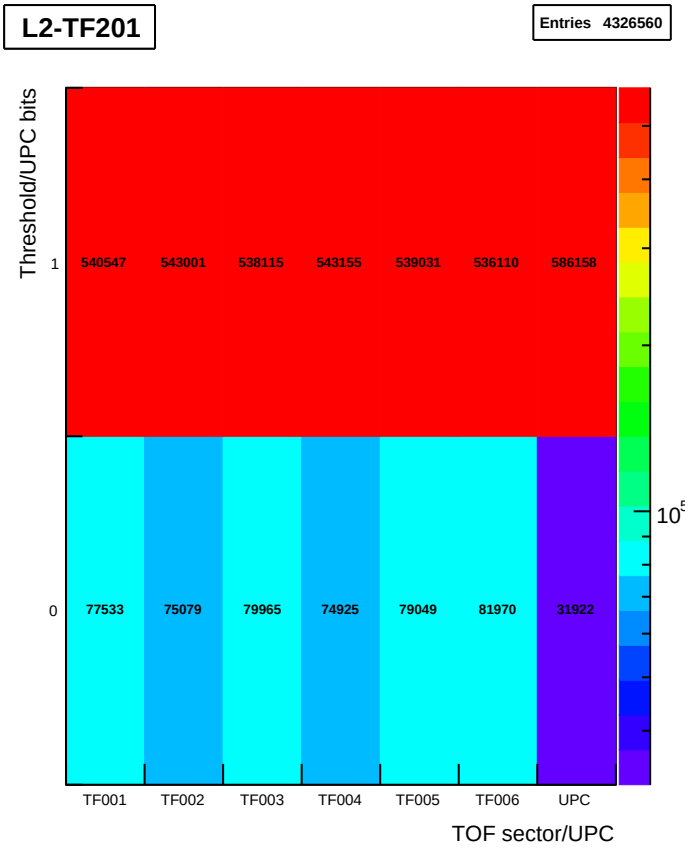

MIX-TF101
Entries 216159
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

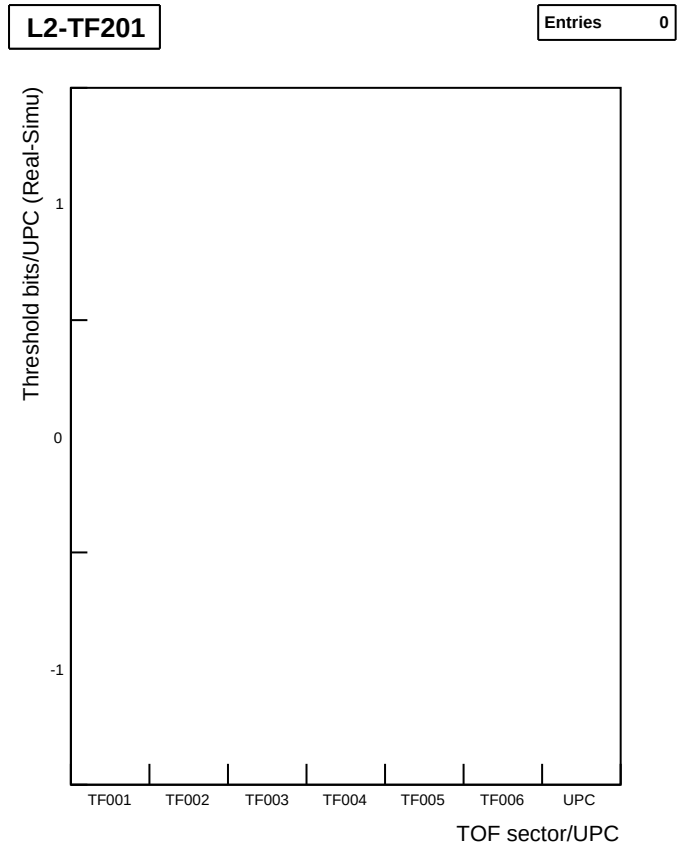

MIX-TF101
Entries 3708480
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

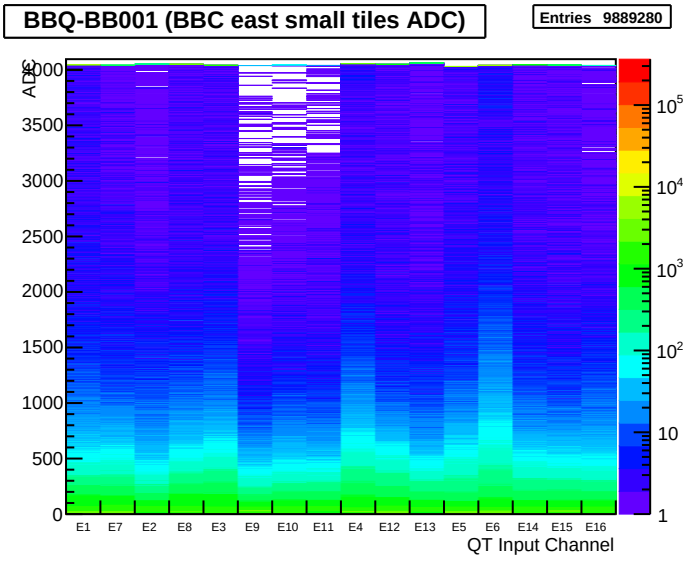

MIX-TF101
Entries 469879
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

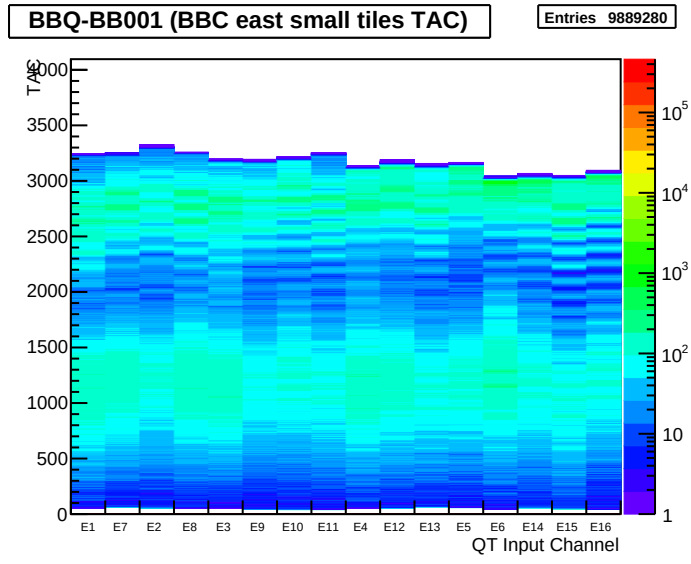

L2-TF201
Entries 618080
TOF total mult

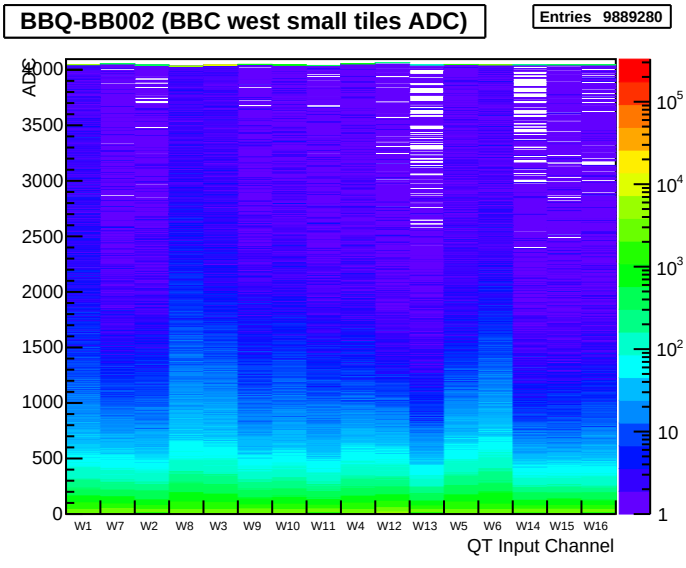

L2-TF201
Entries 0
TOF total mult(Real-Simu)

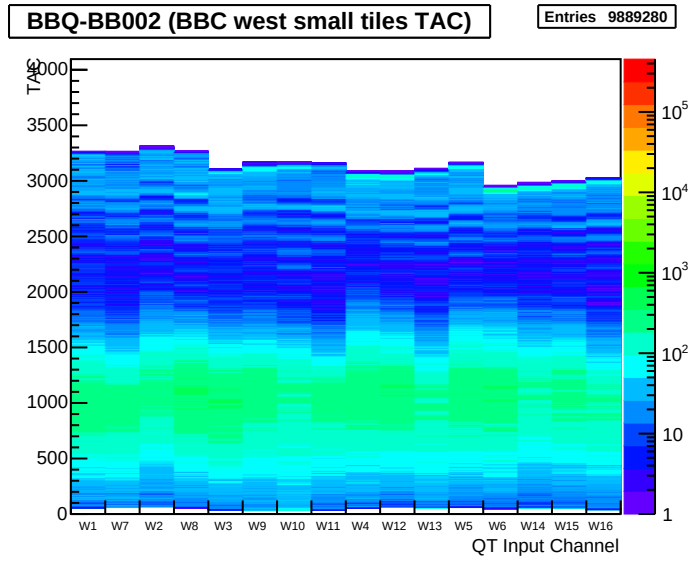

L2-TF201
Entries 4326560
Threshold/UPC bits
540547
543001
538115
543155
539031
536110
586158
77533
75079
79965
74925
79049
81970
31922
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

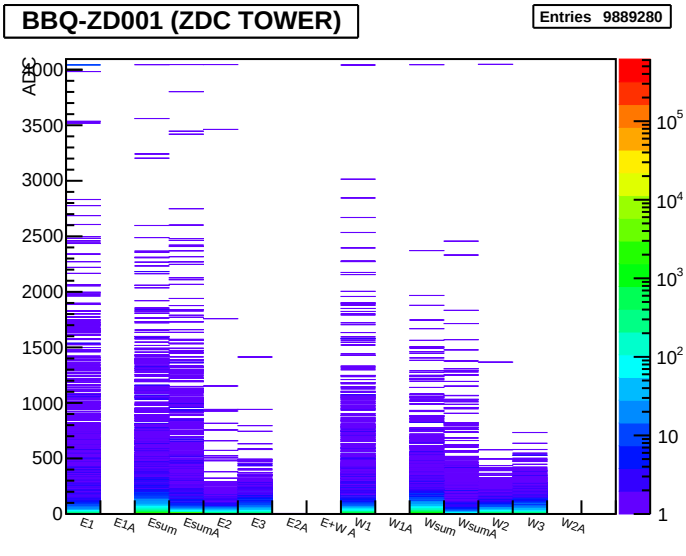

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

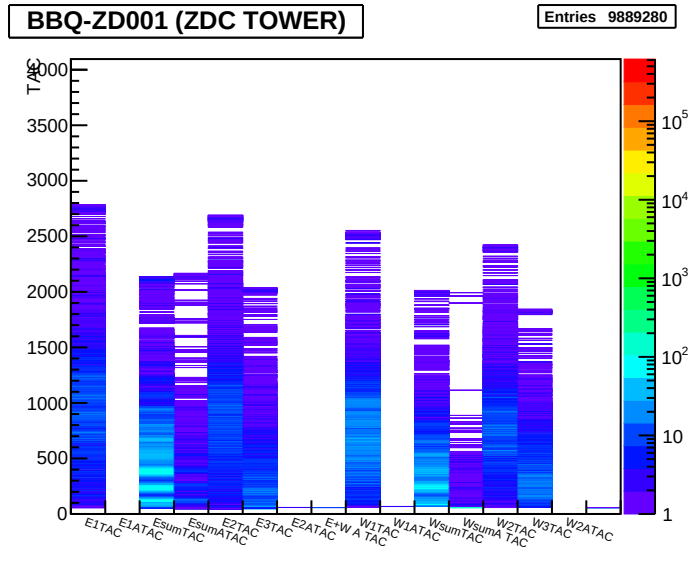

BBQ-BB001 (BBC east small tiles ADC)
Entries 9889280
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

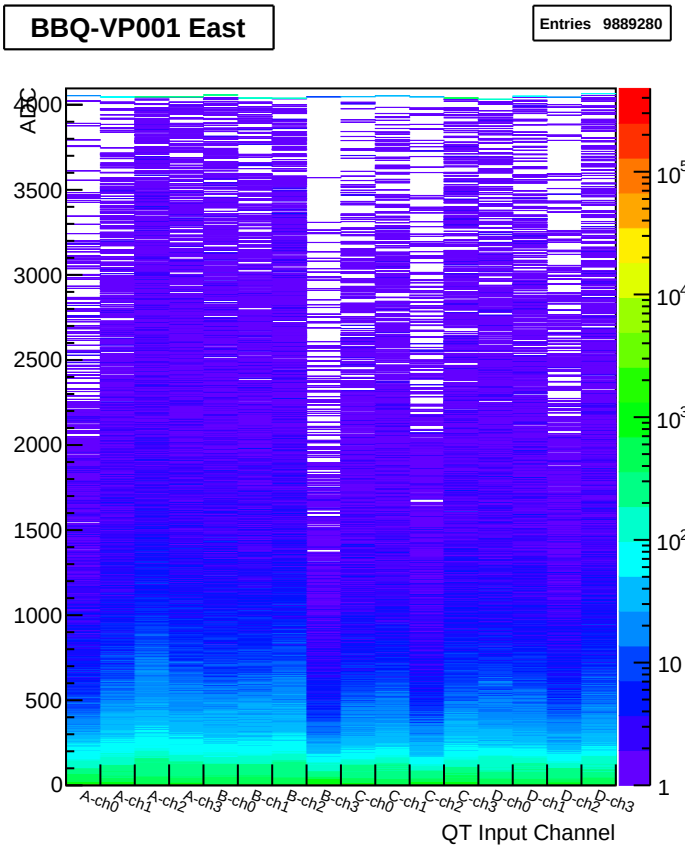

BBQ-BB001 (BBC east small tiles TAC)
Entries 9889280
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

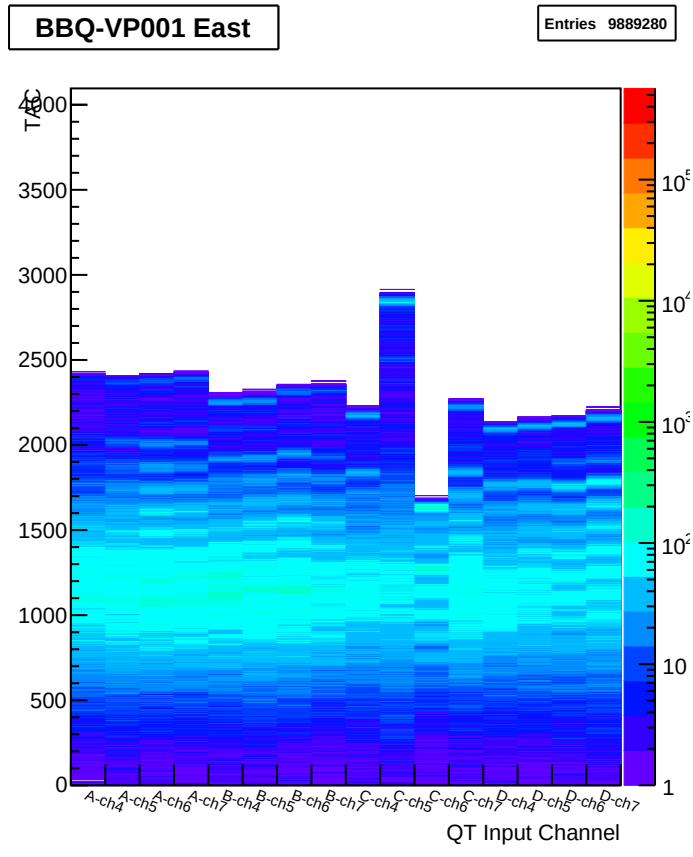

BBQ-BB002 (BBC west small tiles ADC)
Entries 9889280
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

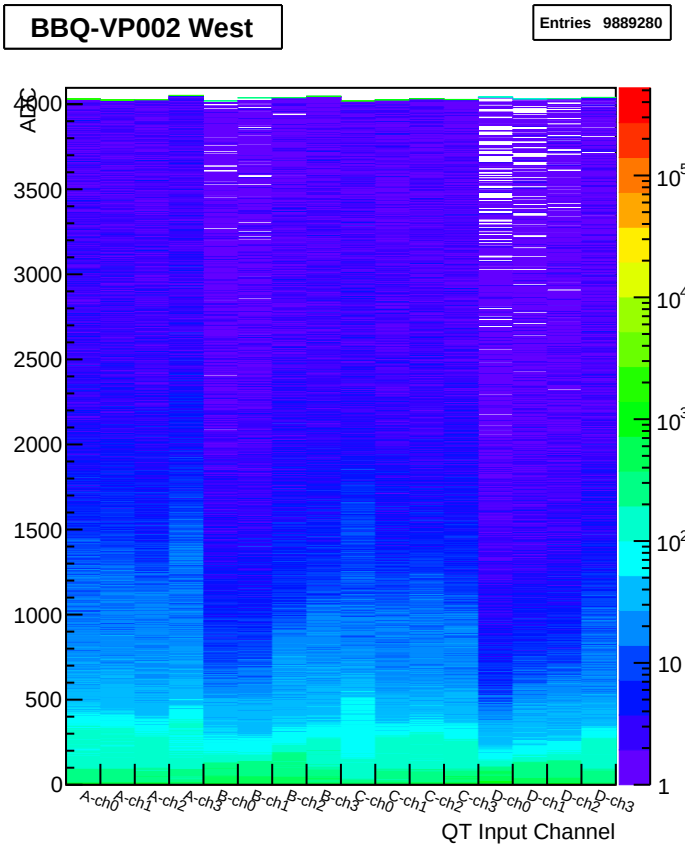

BBQ-BB002 (BBC west small tiles TAC)
Entries 9889280
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

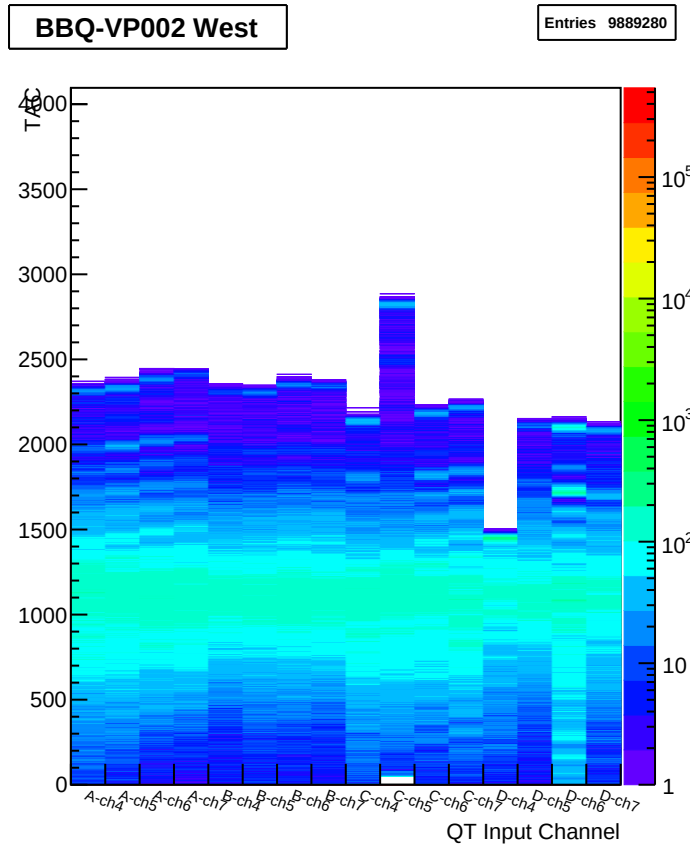

BBQ-ZD001 (ZDC TOWER)
Entries 9889280
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

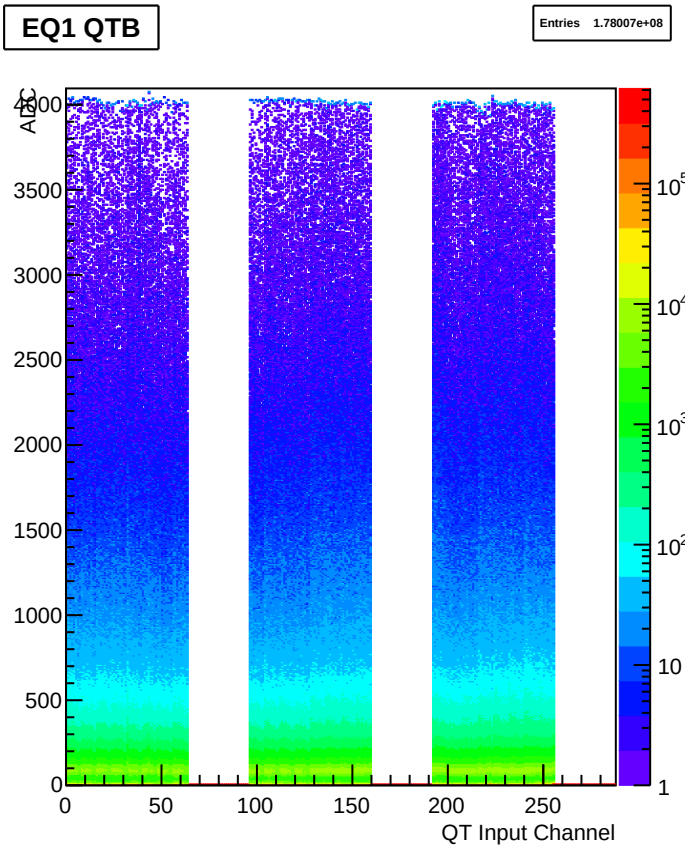

BBQ-ZD001 (ZDC TOWER)
Entries 9889280
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

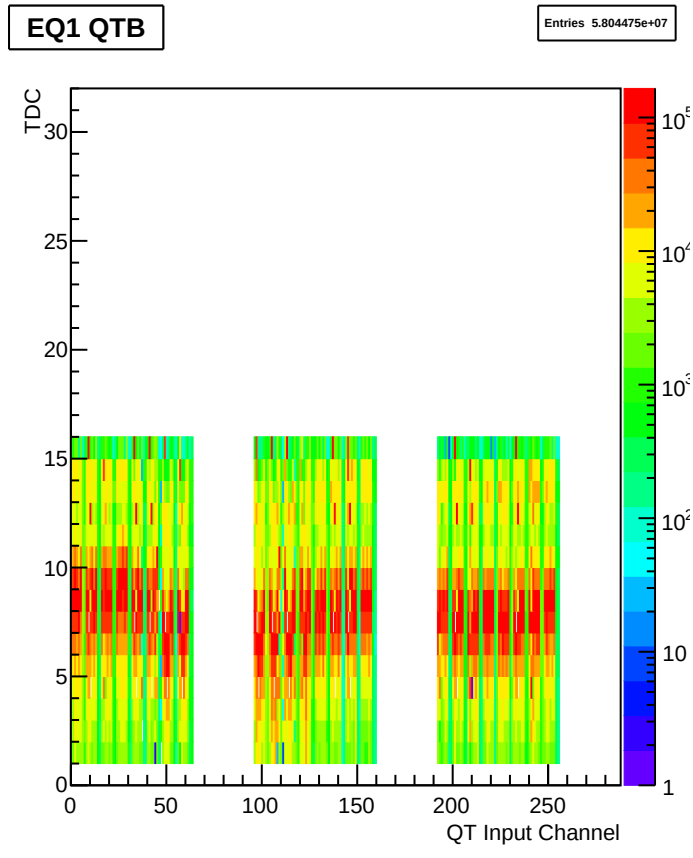

BBQ-VP001 East
Entries 9889280
ADC
QT Input Channel

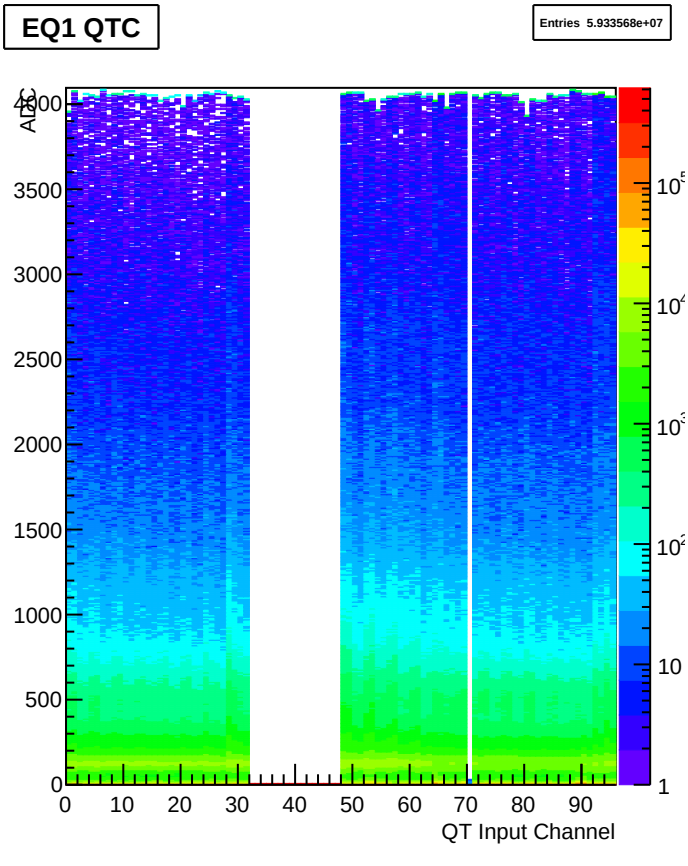

BBQ-VP001 East
Entries 9889280
TADC
QT Input Channel

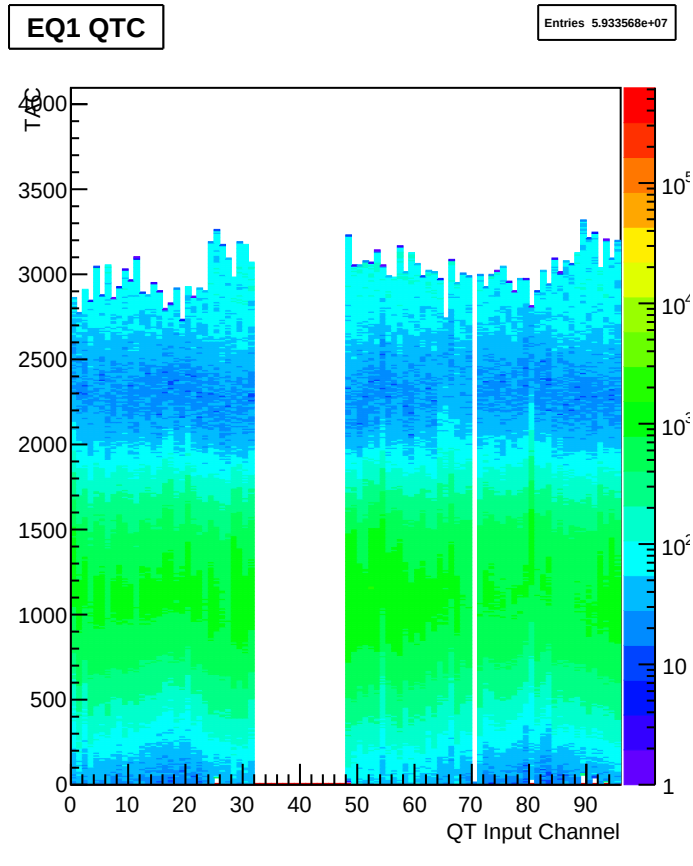

BBQ-VP002 West
Entries 9889280
ADC
QT Input Channel

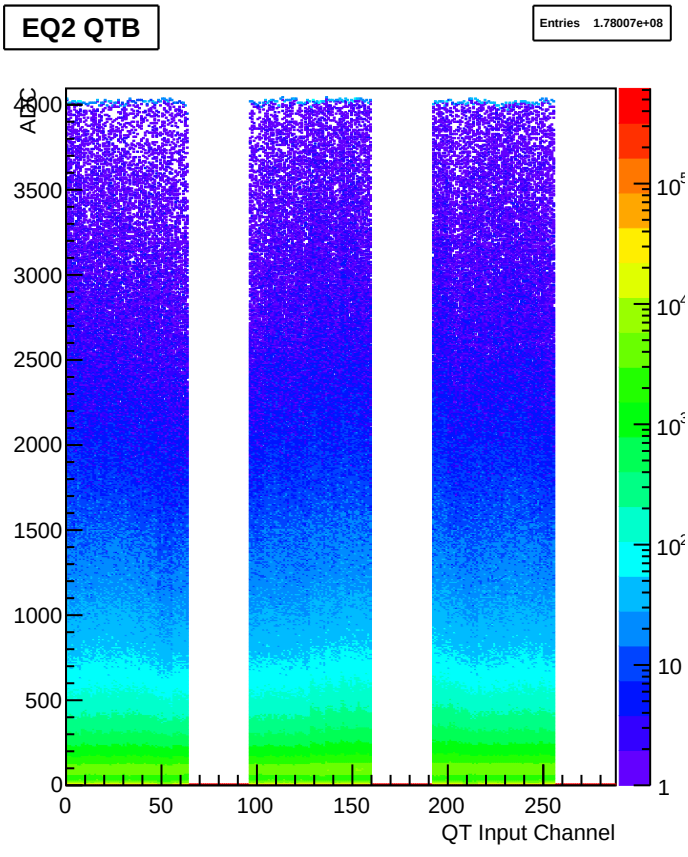

BBQ-VP002 West
Entries 9889280
TADC
QT Input Channel

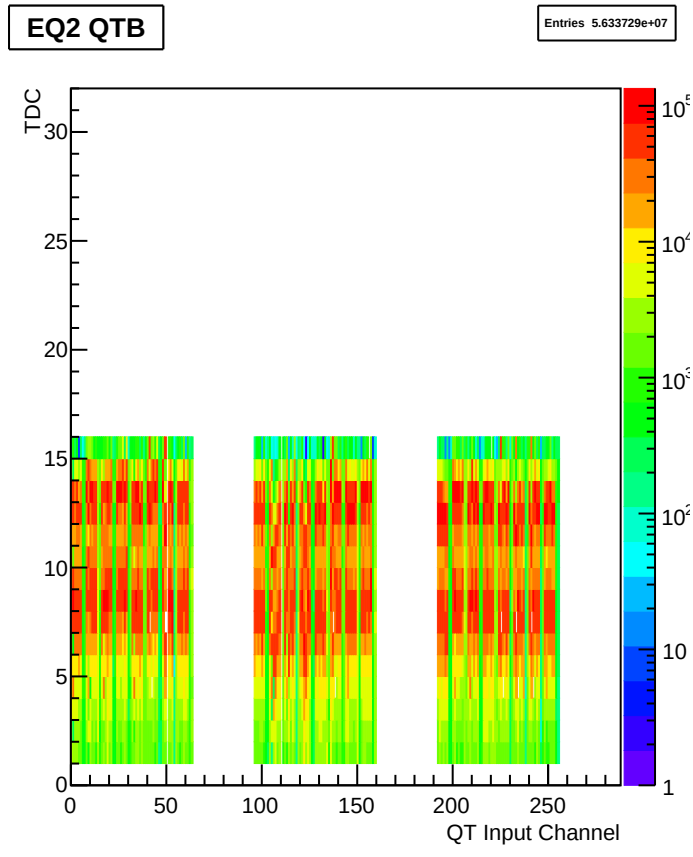

EQ1 QTB
Entries 1.78007e+08
ADC
QT Input Channel

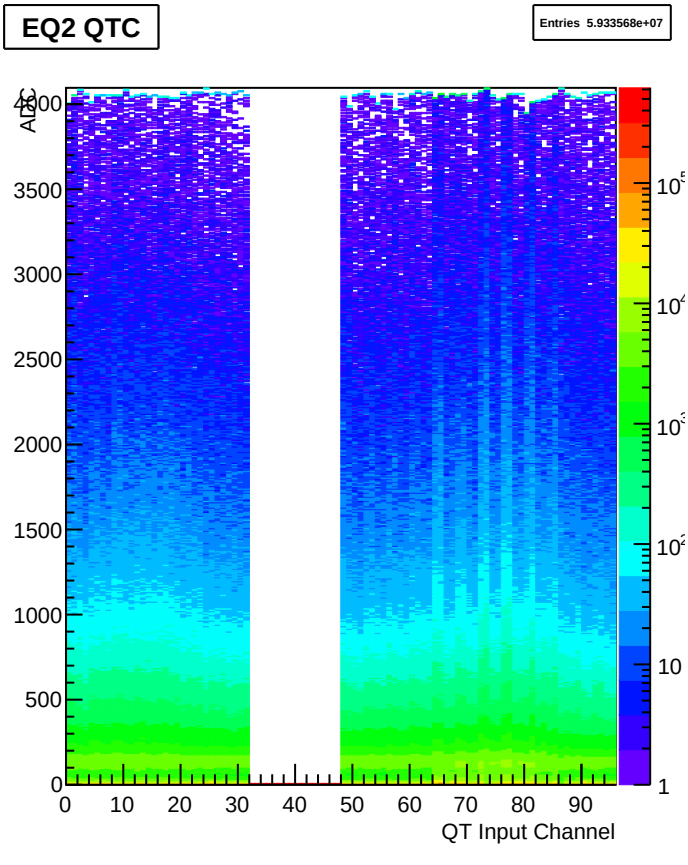

EQ1 QTB
Entries 5.804475e+07
TDC
QT Input Channel

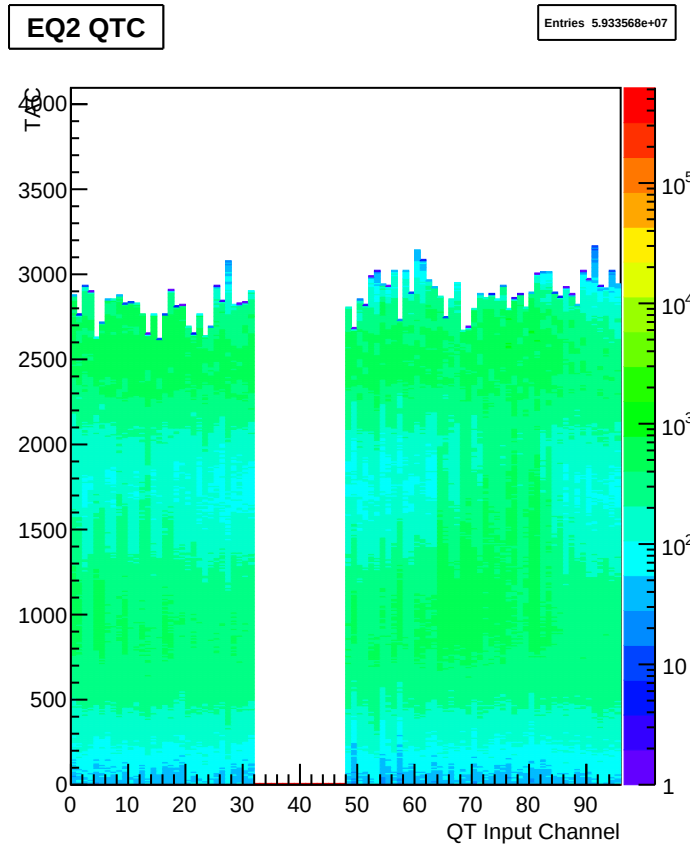

EQ1 QTC
Entries 5.933568e+07
ADC
QT Input Channel

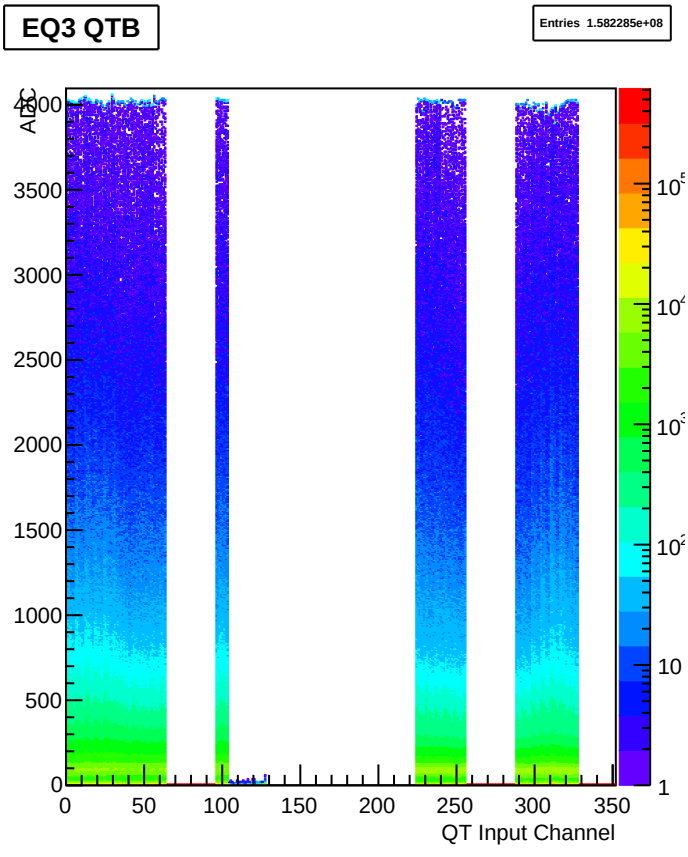

EQ1 QTC
Entries 5.933568e+07
TADC
QT Input Channel

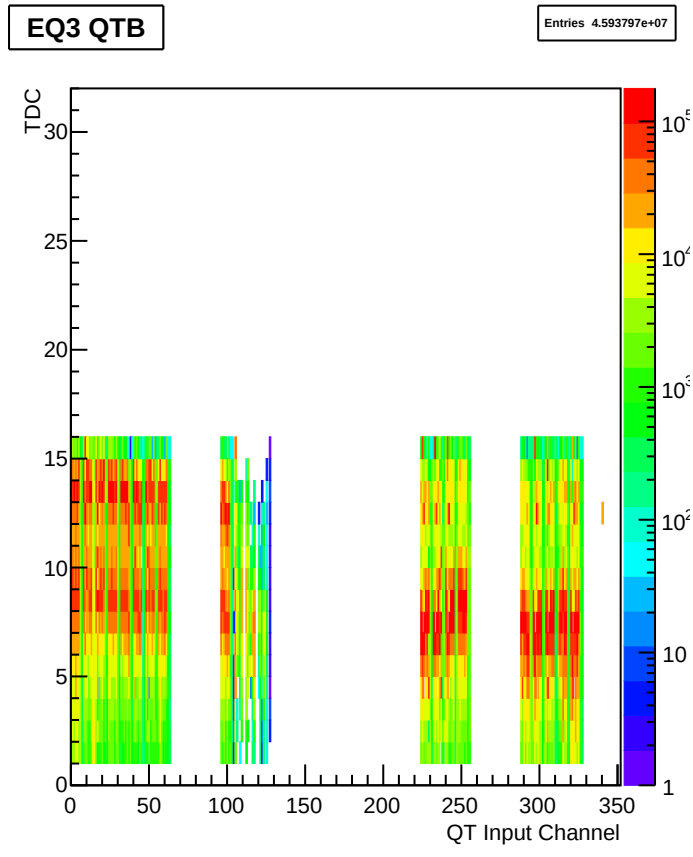

EQ2 QTB
Entries 1.78007e+08
ADC
QT Input Channel

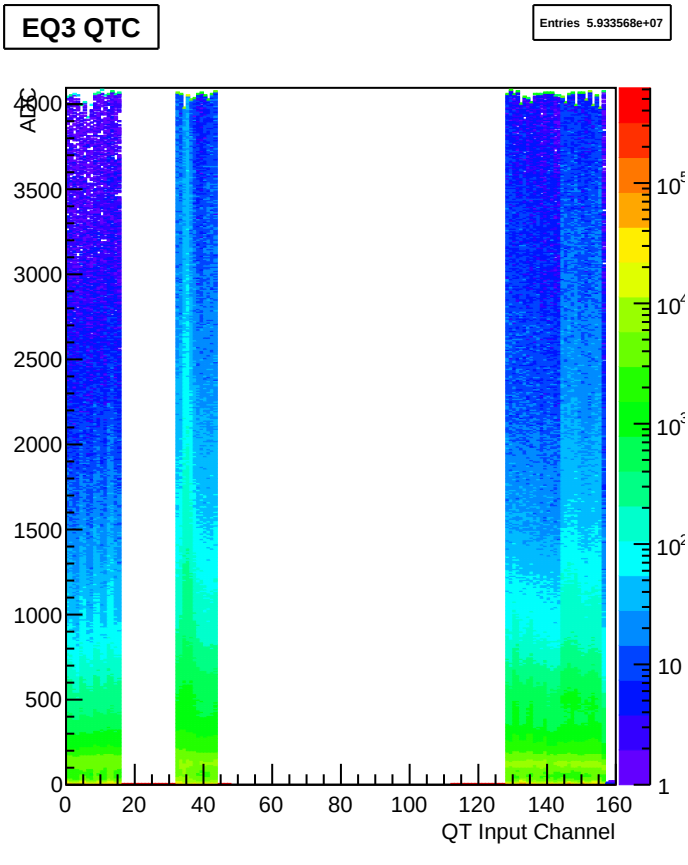

EQ2 QTB
Entries 5.633729e+07
TDC
QT Input Channel

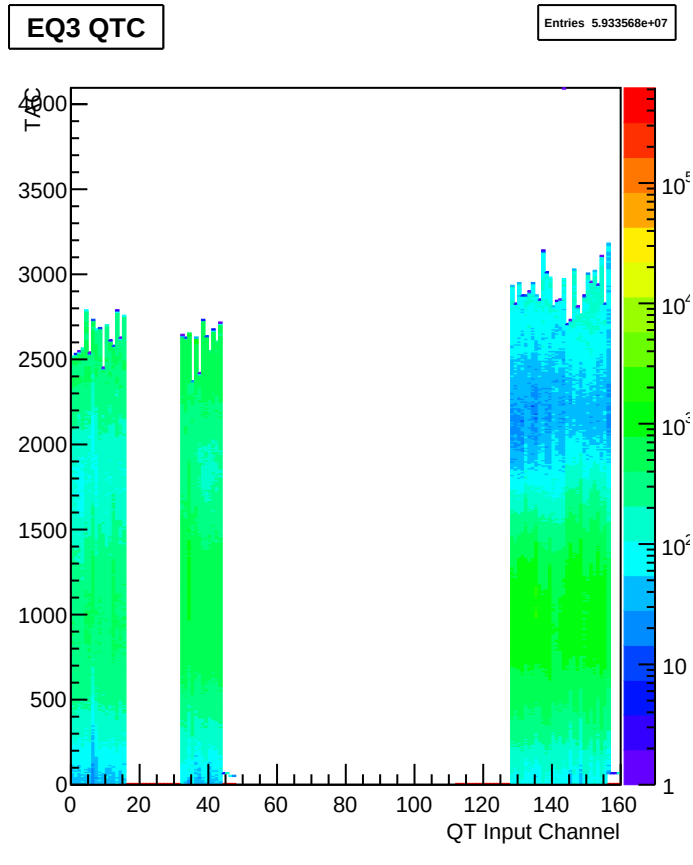

EQ2 QTC
Entries 5.933568e+07
ADC
QT Input Channel

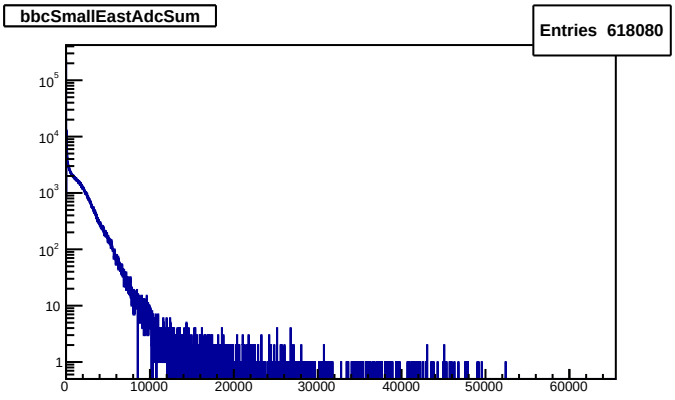

EQ2 QTC
Entries 5.933568e+07
TADC
QT Input Channel

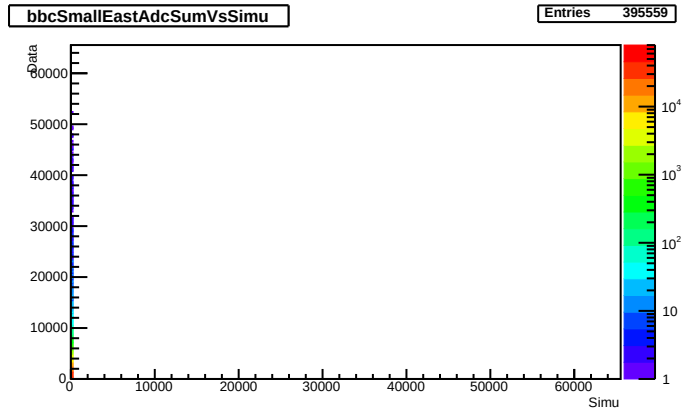

EQ3 QTB
Entries 1.582285e+08
ADC
QT Input Channel

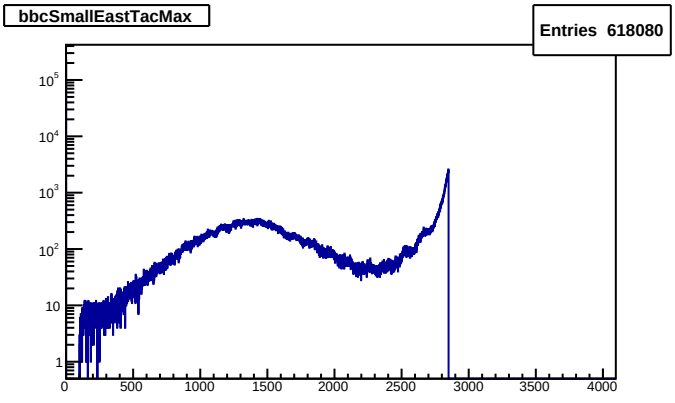

EQ3 QTB
Entries 4.593797e+07
TDC
QT Input Channel

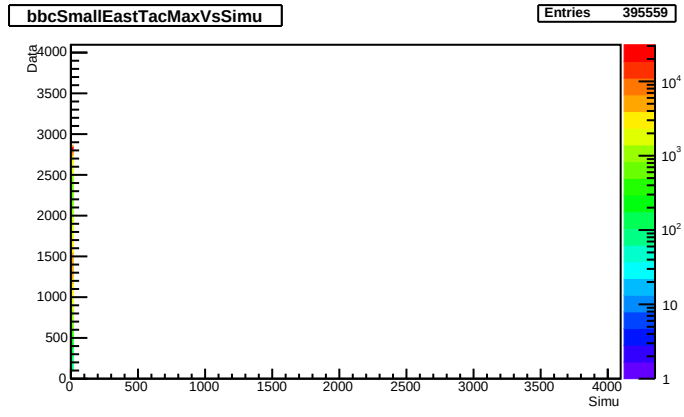

EQ3 QTC
Entries 5.933568e+07
ADC
QT Input Channel

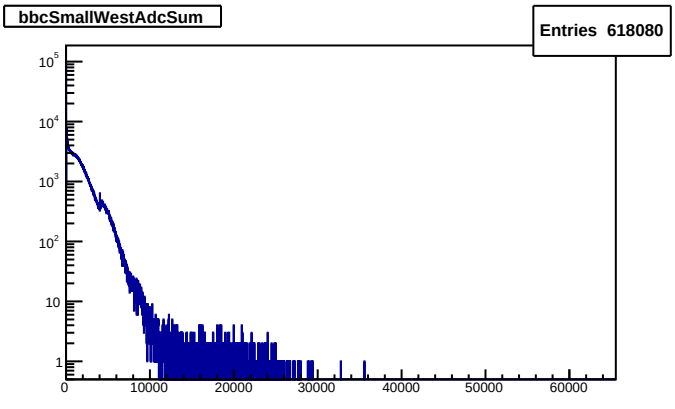

EQ3 QTC
Entries 5.933568e+07
TADC
QT Input Channel

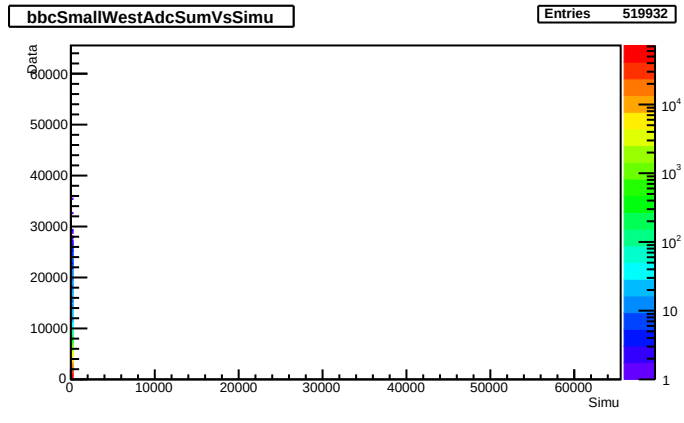

bbcSmallEastAdcSum
Entries 618080

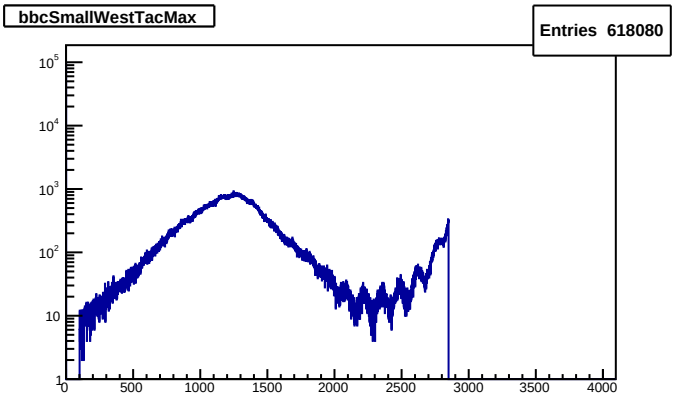

bbcSmallEastAdcSumVsSimu
Entries 395559
Data
Simu

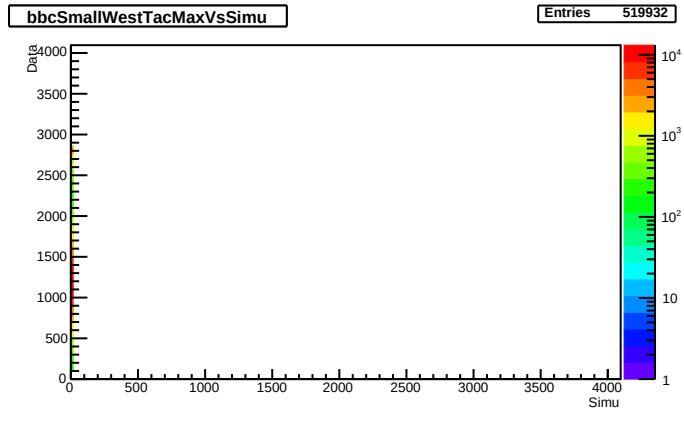

bbcSmallEastTacMax
Entries 618080

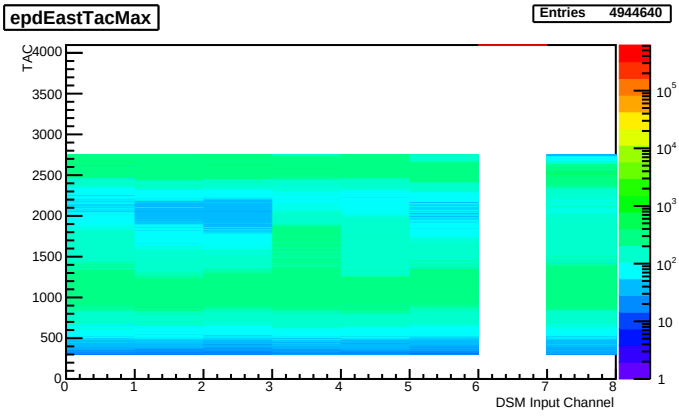

bbcSmallEastTacMaxVsSimu
Entries 395559
Data
Simu

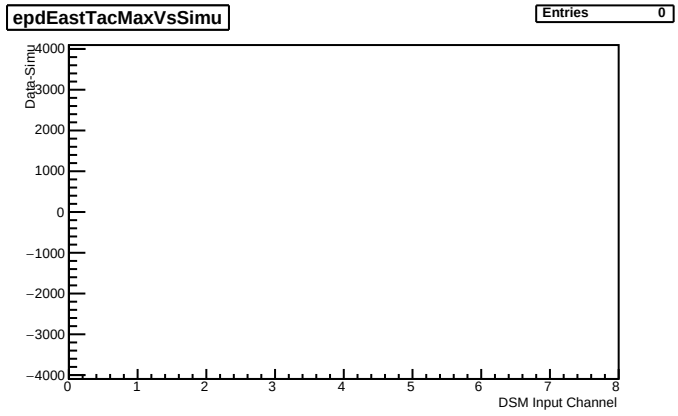

bbcSmallWestAdcSum
Entries 618080

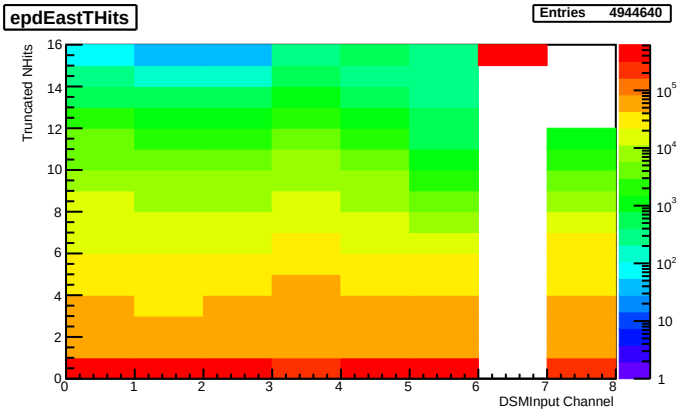

bbcSmallWestAdcSumVsSimu
Entries 519932
Data
Simu

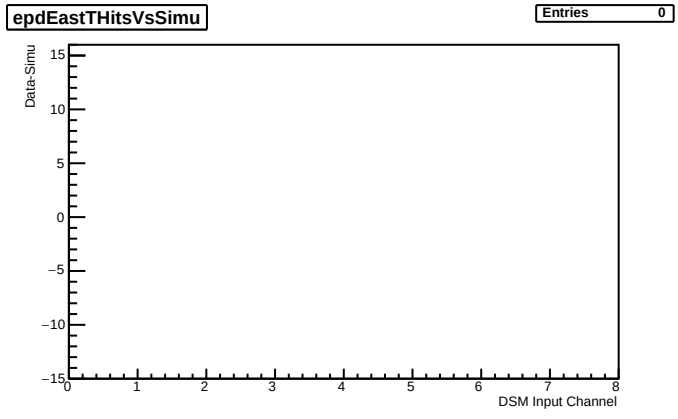

bbcSmallWestTacMax
Entries 618080


bbcSmallWestTacMaxVsSimu
Entries 519932
Data
Simu


epdEastTacMax
Entries 4944640
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4944640
Truncated NHits
DSMInput Channel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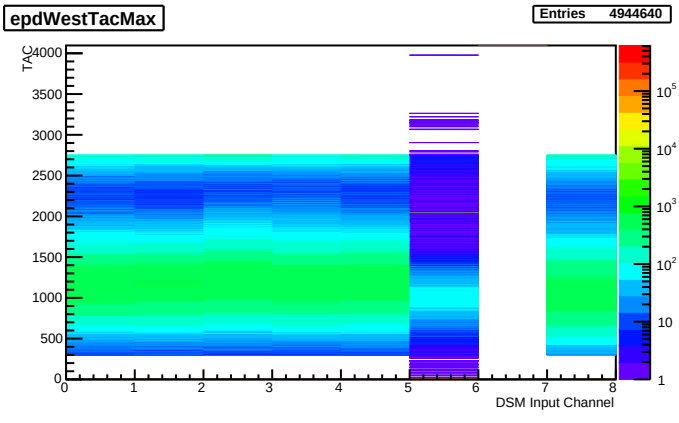
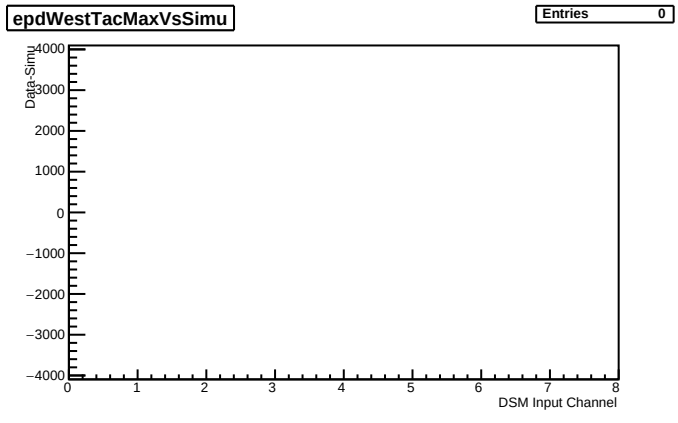
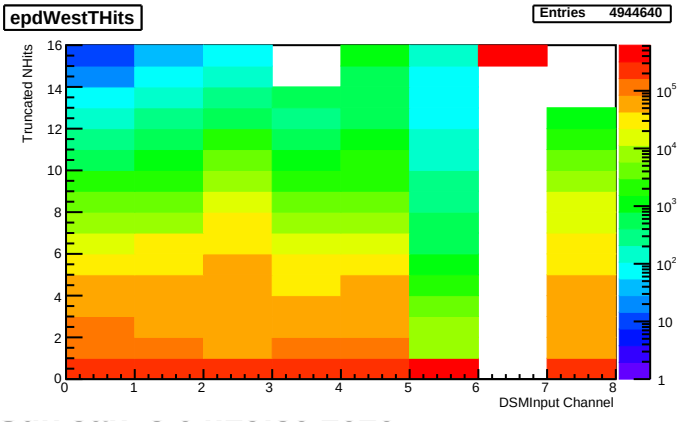
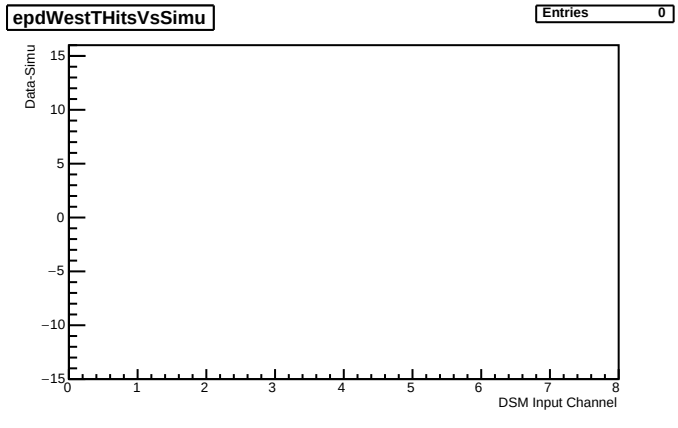
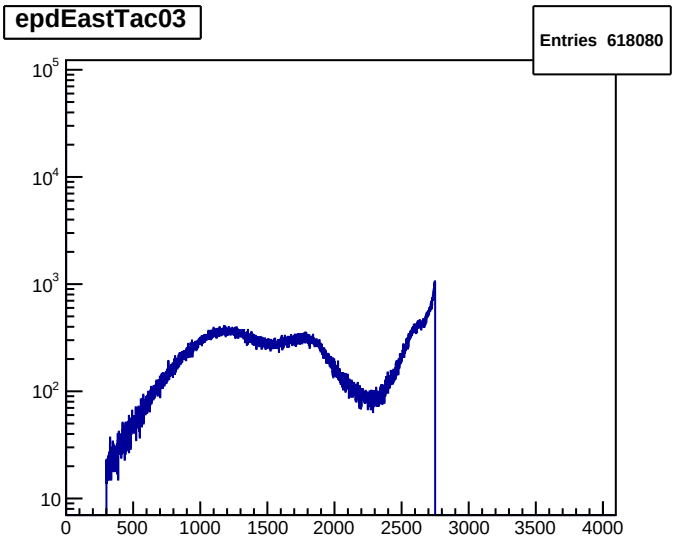
Data-Simu
DSM Input Channel

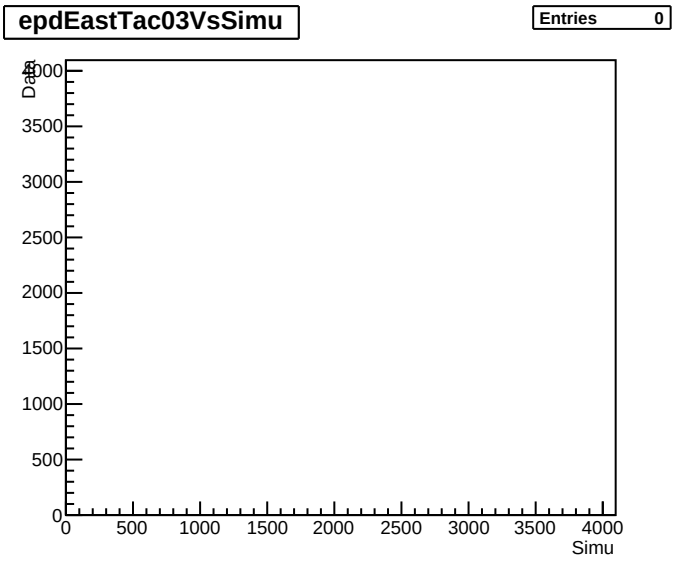

epdWestTacMax
Entries 4944640
TAC
DSM Input Channel

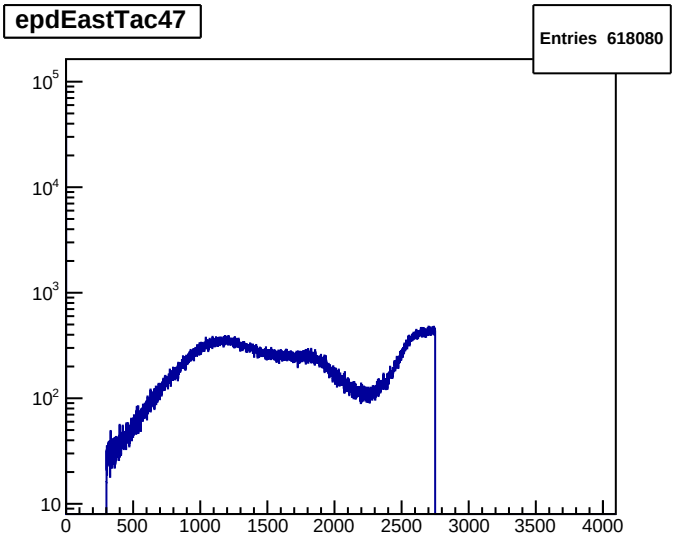

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

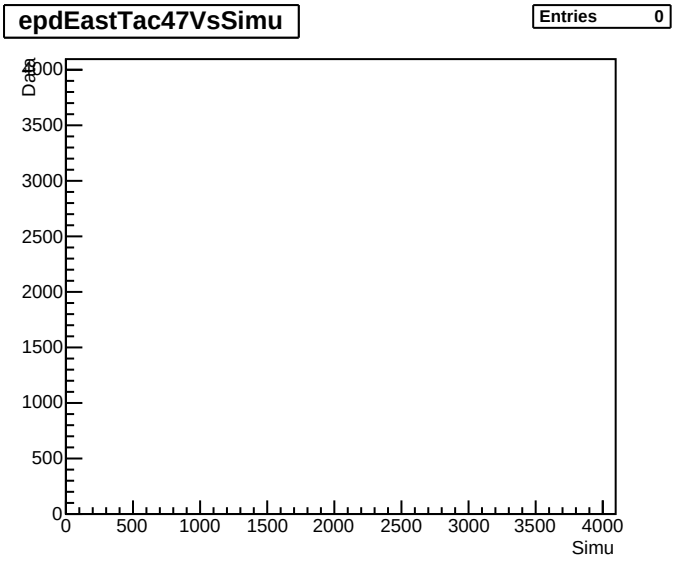

epdWestTHits
Entries 4944640
Truncated NHits
DSMInput Channel

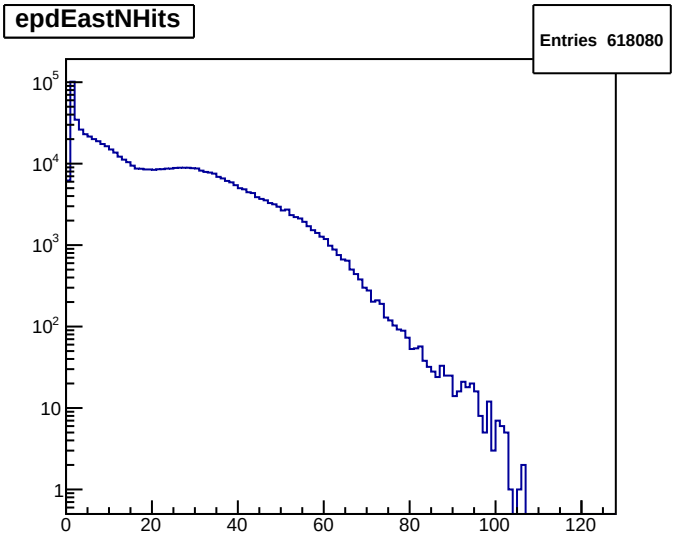

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

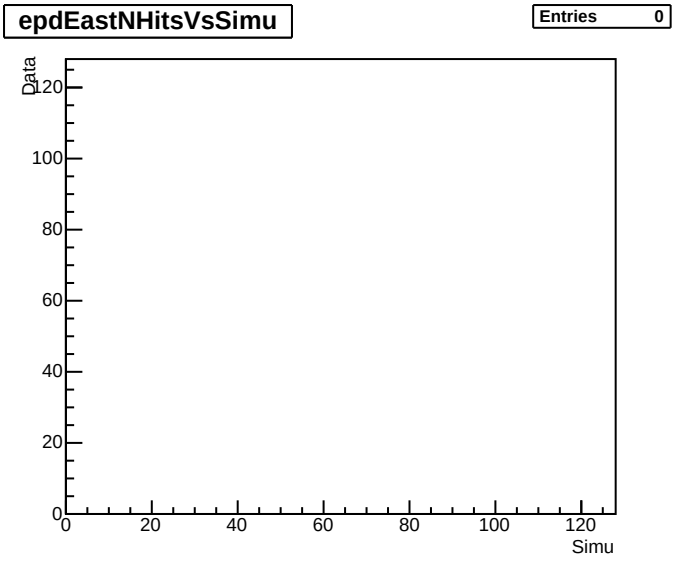

epdEastTac03
Entries 618080


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 618080


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 618080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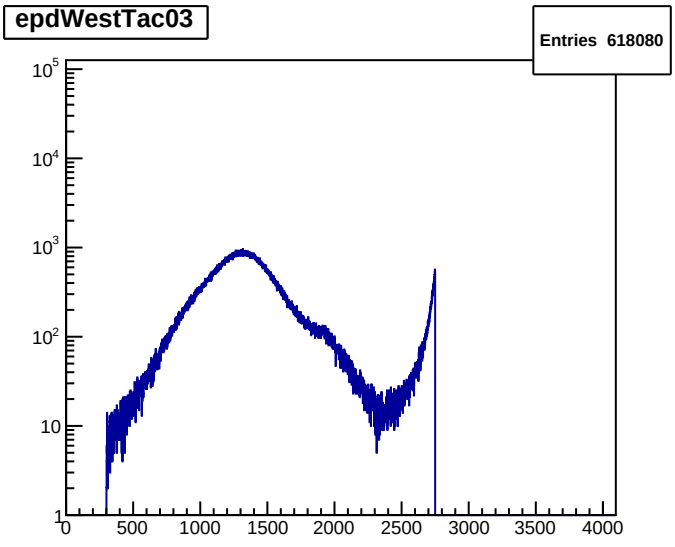
Entries 0
Data
Simu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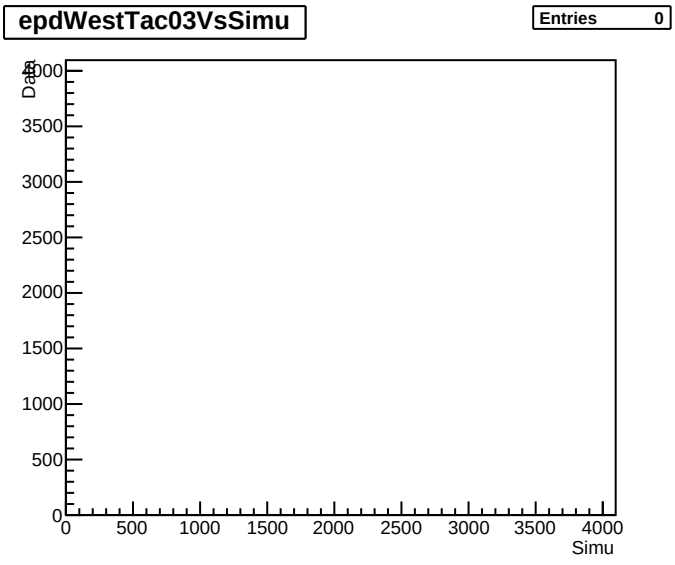
Entries 618080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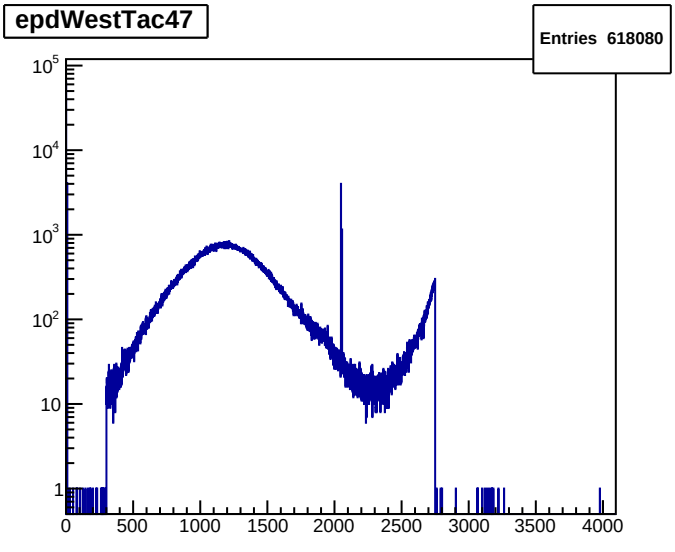
Entries 0
Data
Simu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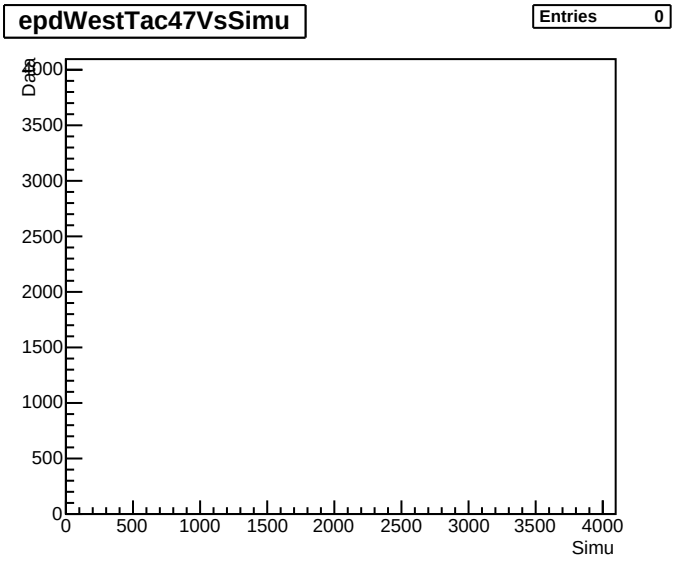
Entries 618080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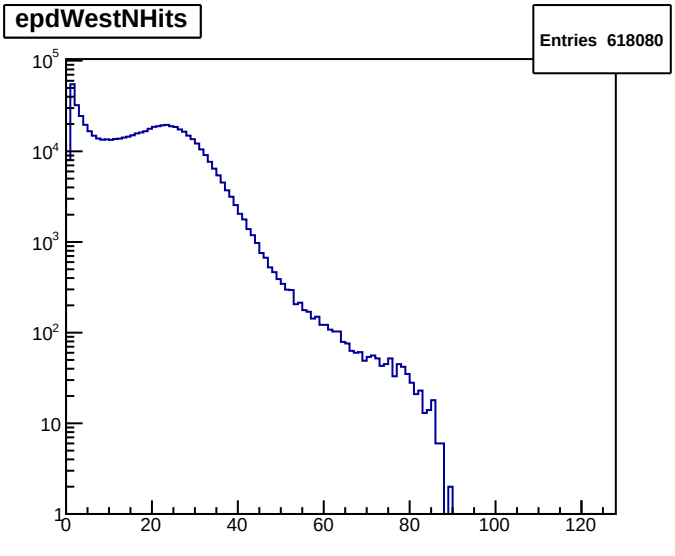
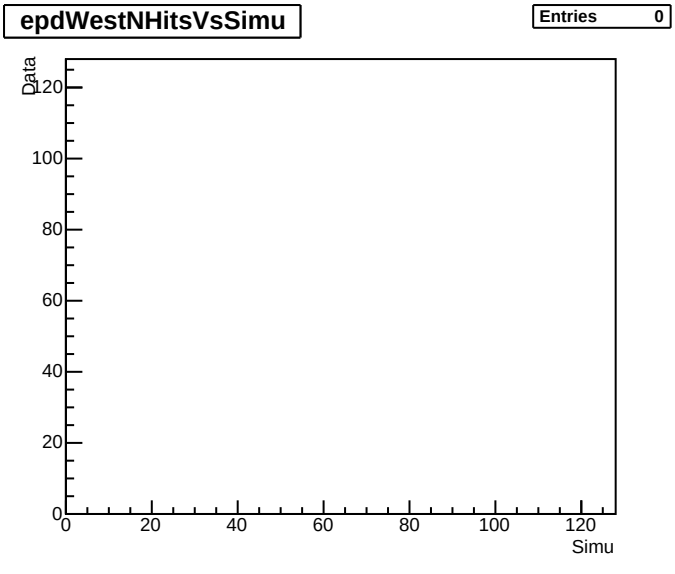
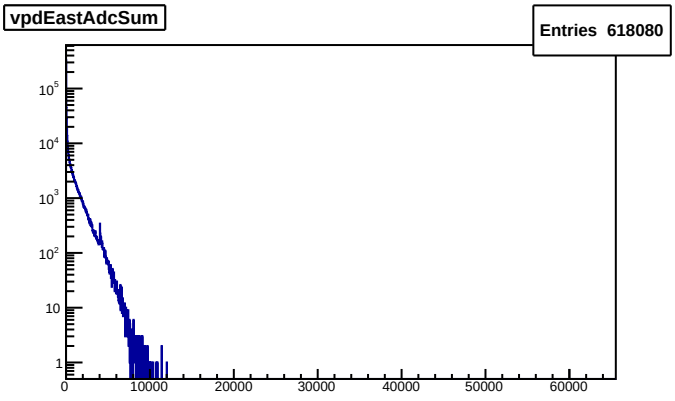
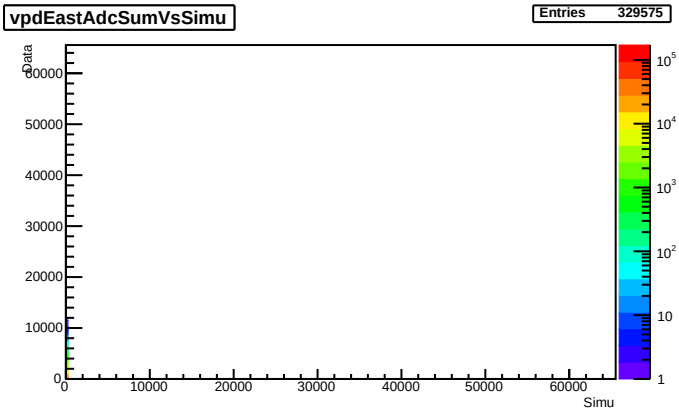
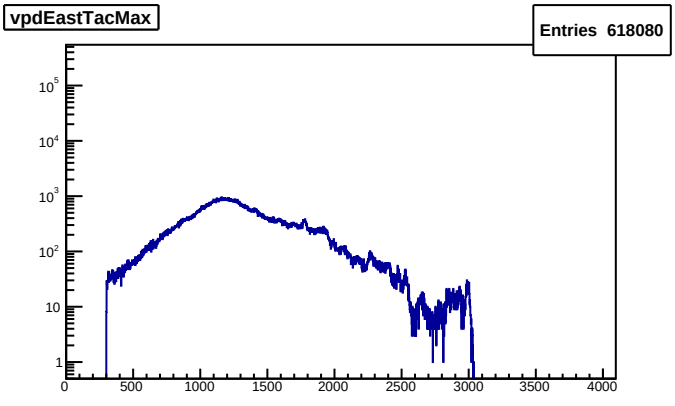
Entries 0
Data
Simu

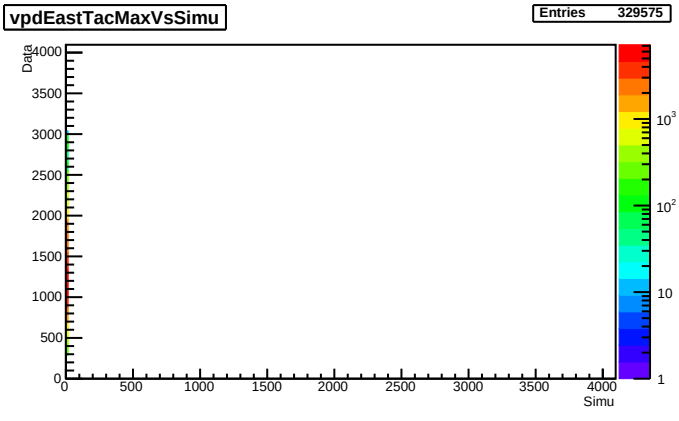

epdWestNHits
Entries 618080


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 618080


vpdEastAdcSumVsSimu
Entries 329575
Data
Simu


vpdEastTacMax
Entries 618080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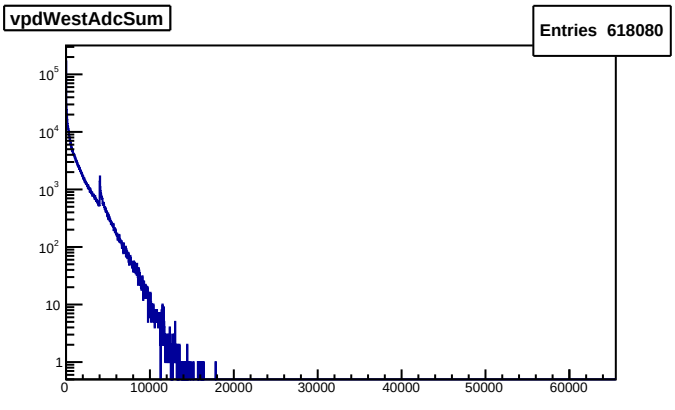
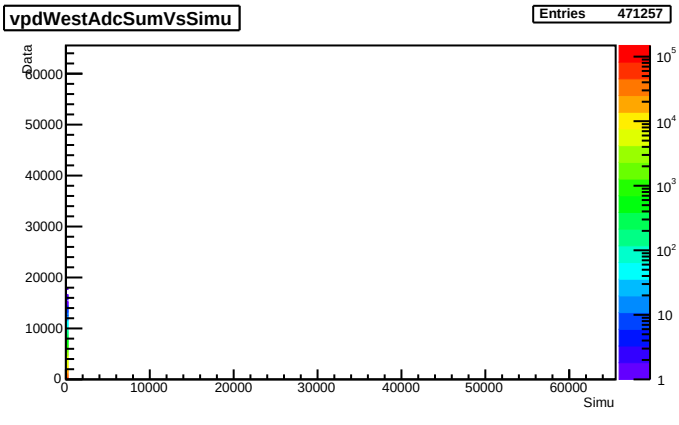
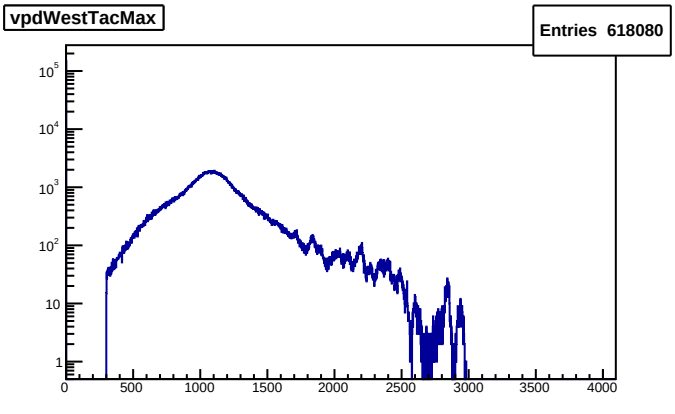
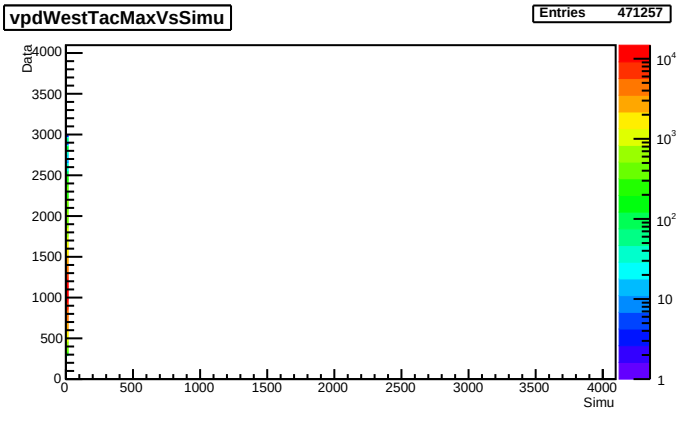
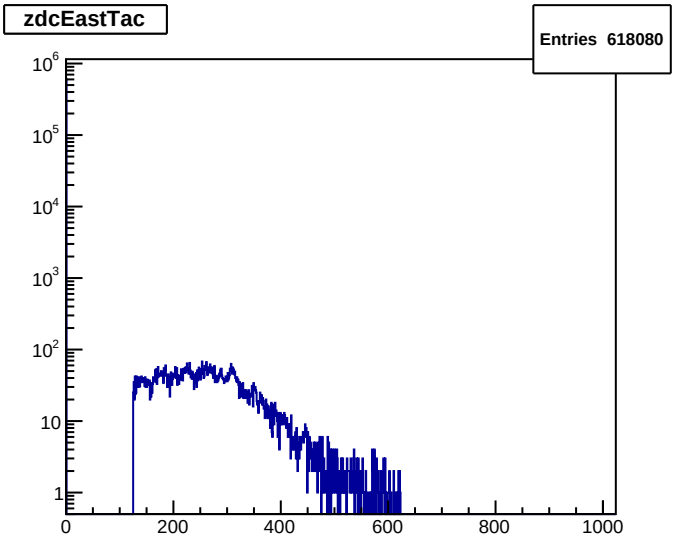
Entries 329575
Data
Simu

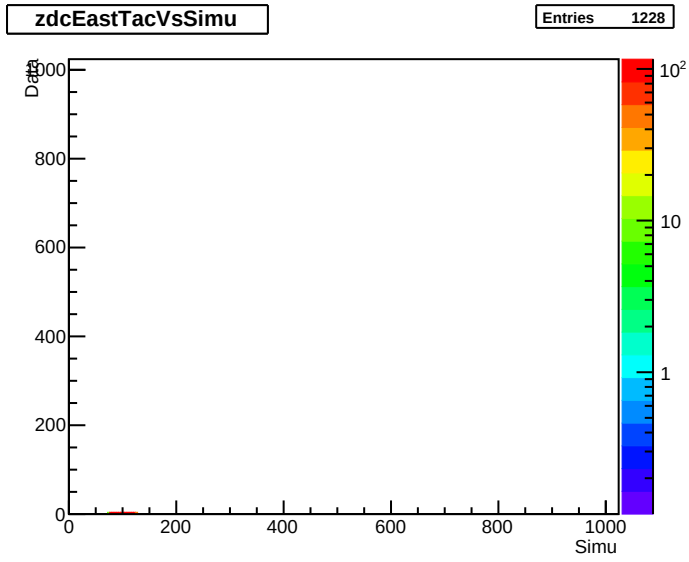

vpdWestAdcSum
Entries 618080

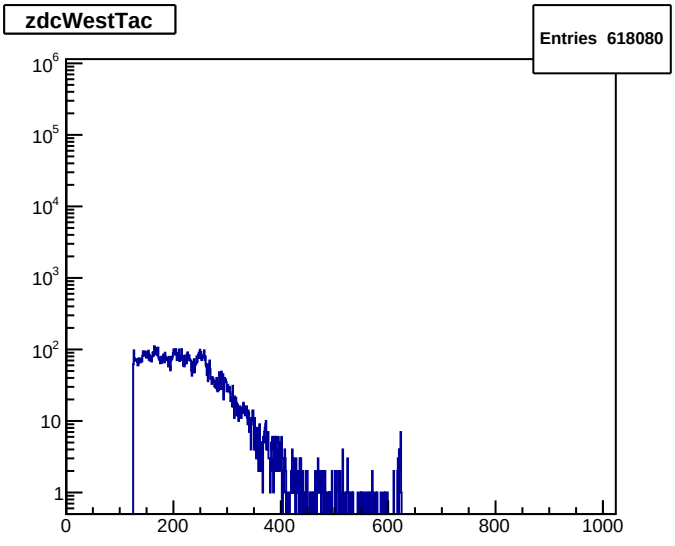

vpdWestAdcSumVsSimu
Entries 471257
Data
Simu

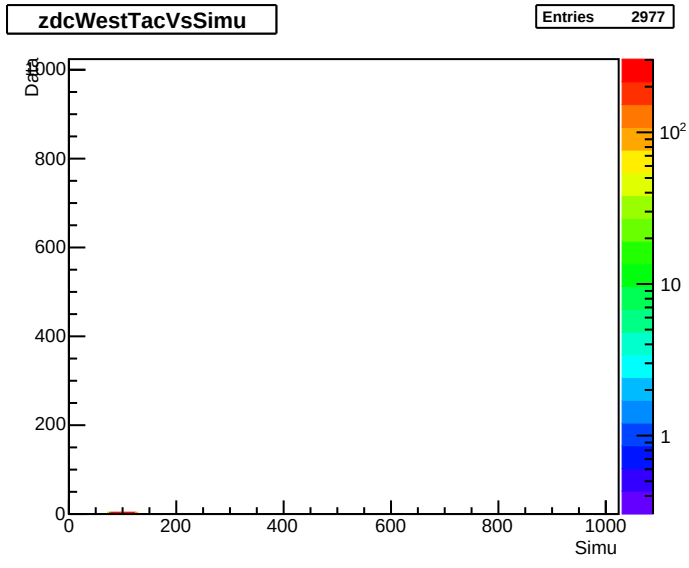

vpdWestTacMax
Entries 618080

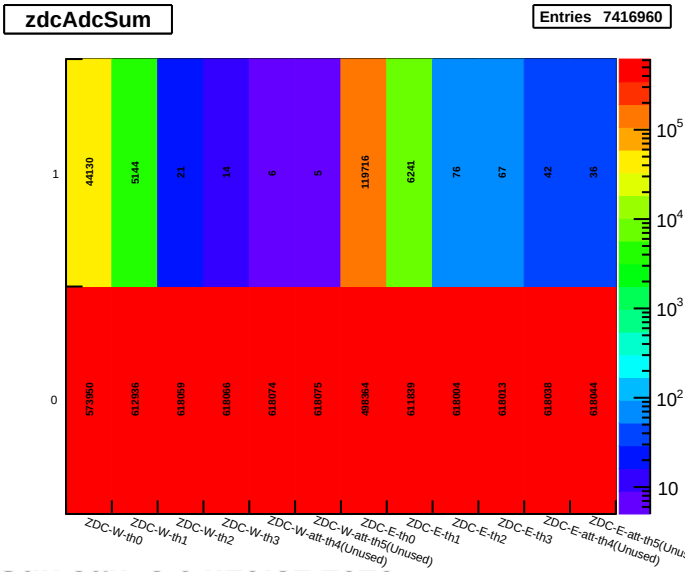

vpdWestTacMaxVsSimu
Entries 471257
Data
Simu

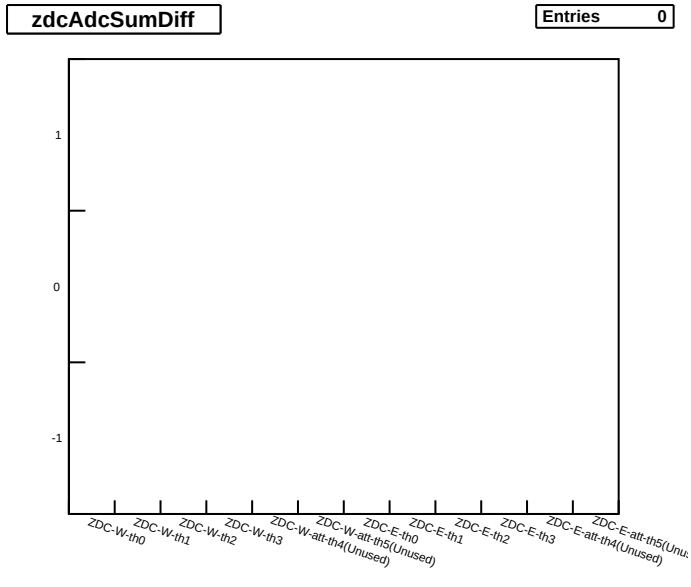

zdcEastTac
Entries 618080

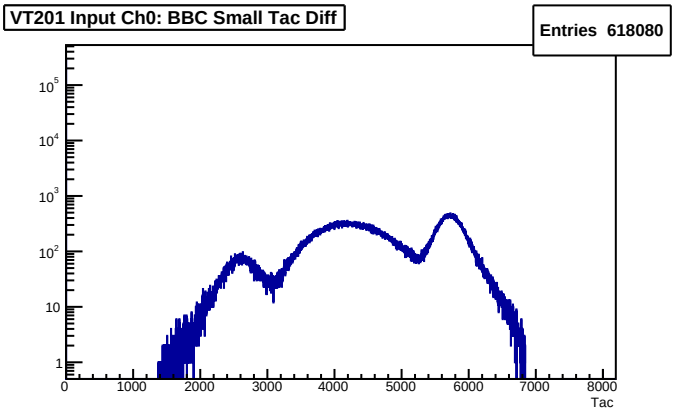

zdcEastTacVsSimu
Entries 1228
Data
Simu

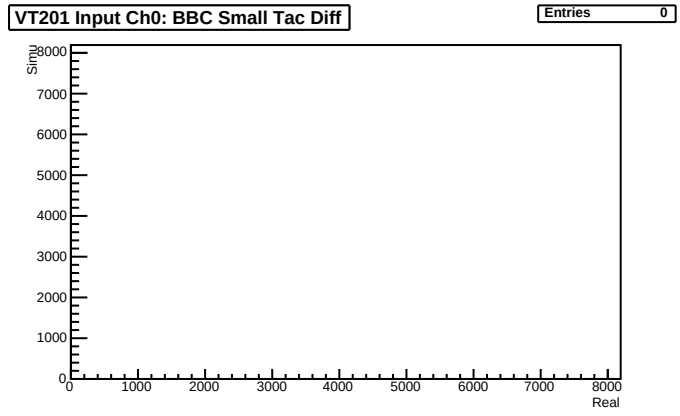

zdcWestTac
Entries 618080

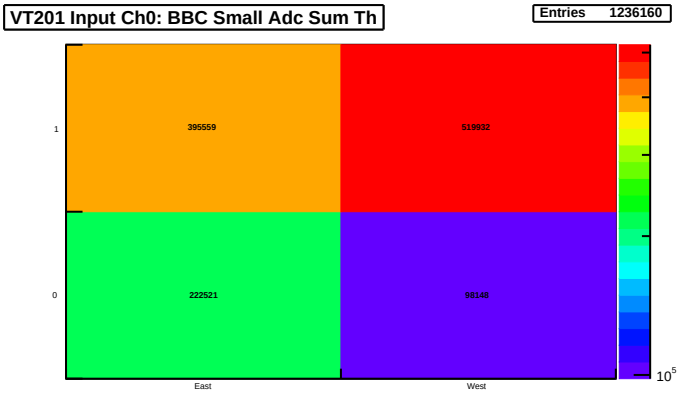

zdcWestTacVsSimu
Entries 2977
Data
Simu

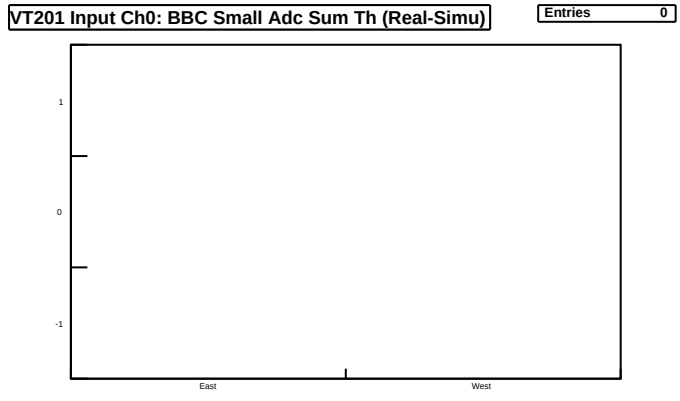

zdcAdcSum
Entries 7416960
44130
5144
21
14
6
5
119716
6241
76
67
42
36
573950
612936
618059
618066
618074
618075
498364
611839
618004
618013
618038
618044
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

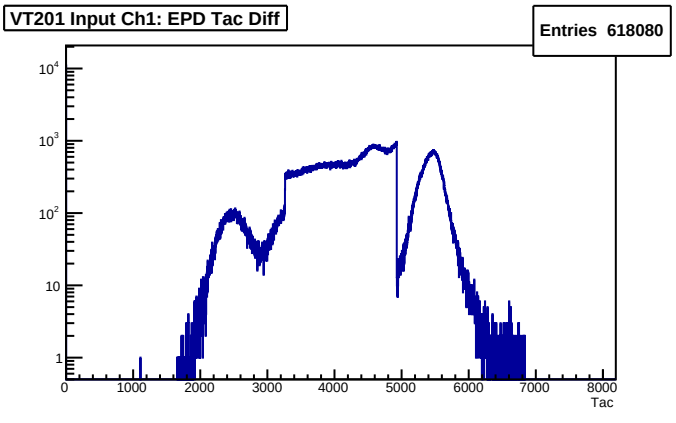

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

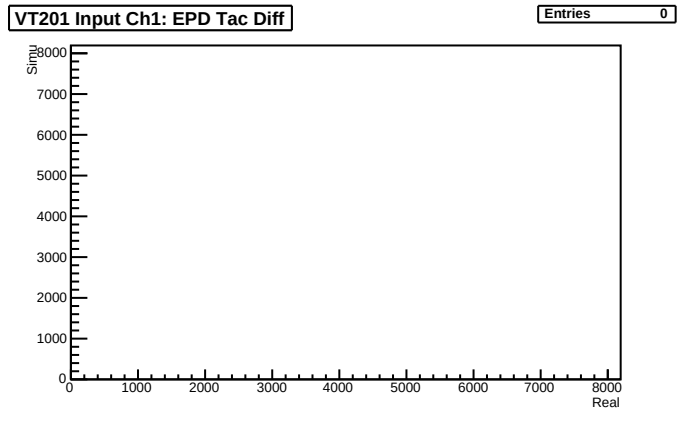

VT201 Input Ch0: BBC Small Tac Diff
Entries 618080
Tac

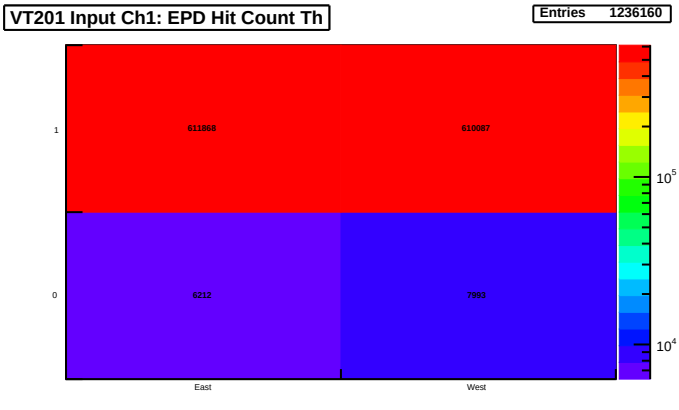

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

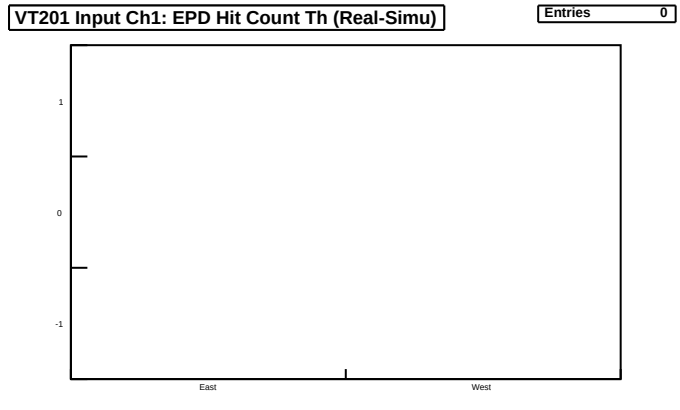

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1236160
395559
519932
222521
98148
East
West

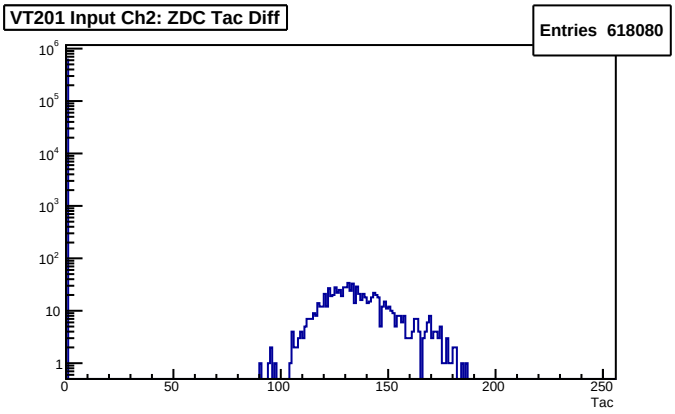

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

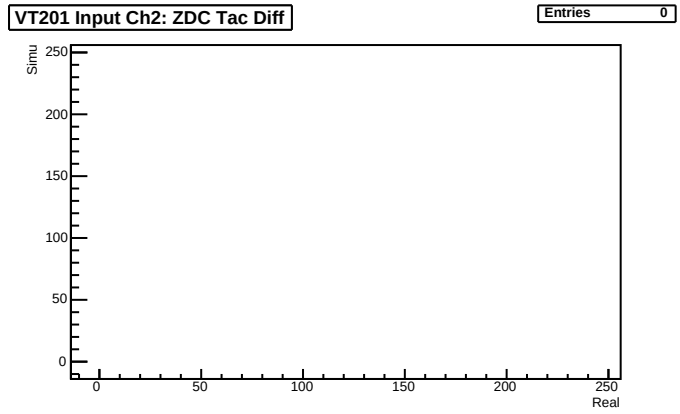

VT201 Input Ch1: EPD Tac Diff
Entries 618080
Tac

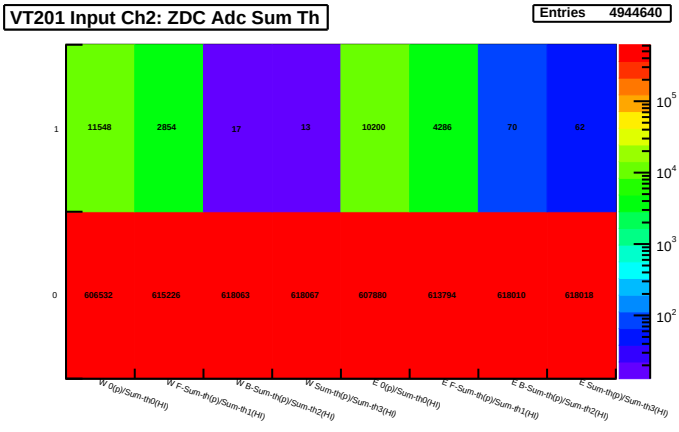

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

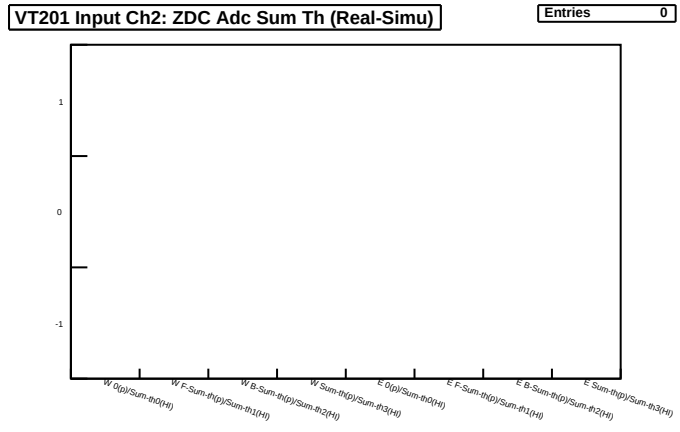

VT201 Input Ch1: EPD Hit Count Th
Entries 1236160
611868
610087
6212
7993
East
West

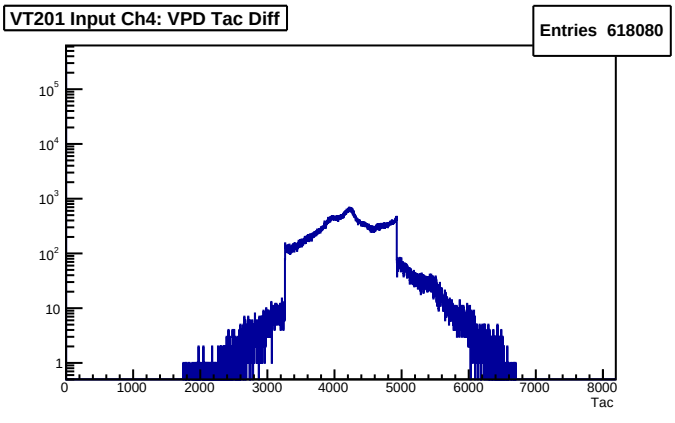

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

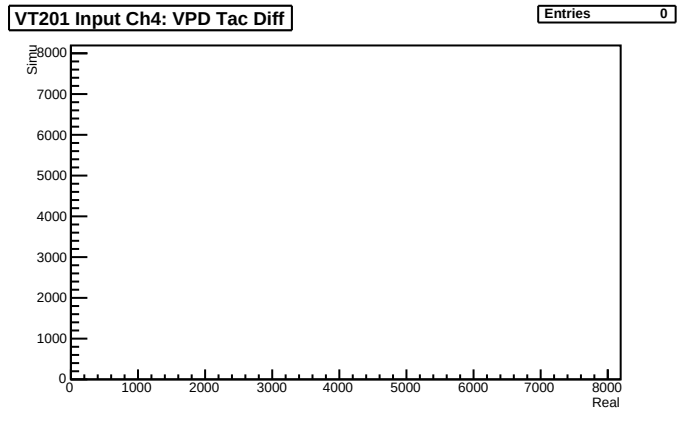

VT201 Input Ch2: ZDC Tac Diff
Entries 618080
Tac

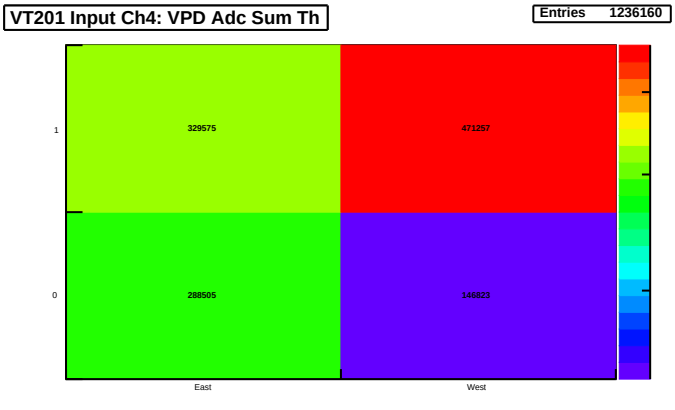

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

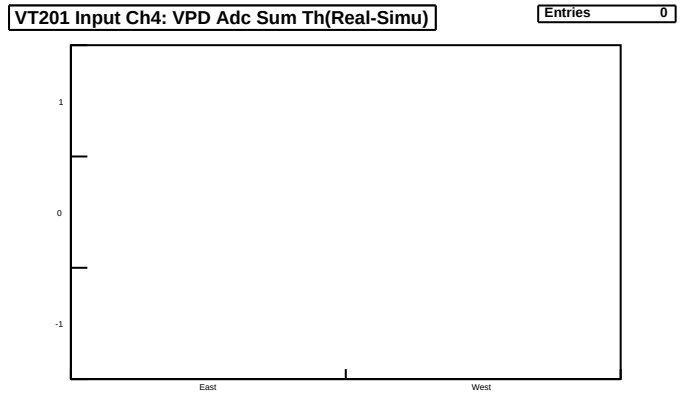

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4944640
11548
2854
17
13
10200
4286
70
62
606532
615226
618063
618067
607880
613794
618010
618018
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

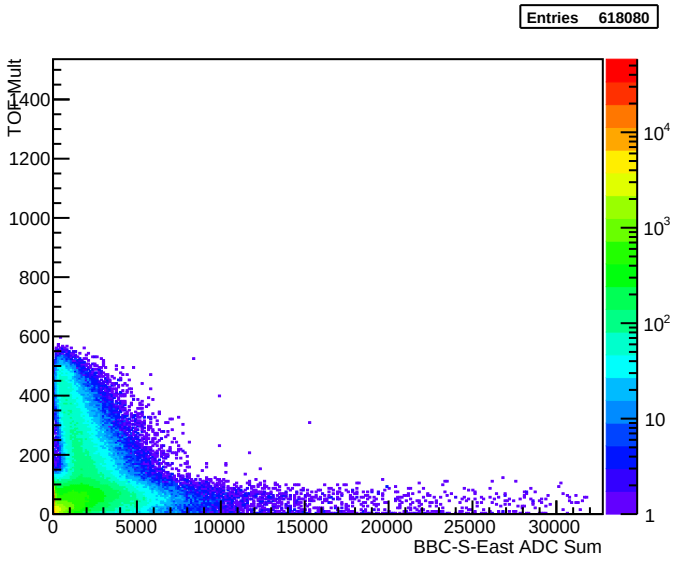

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

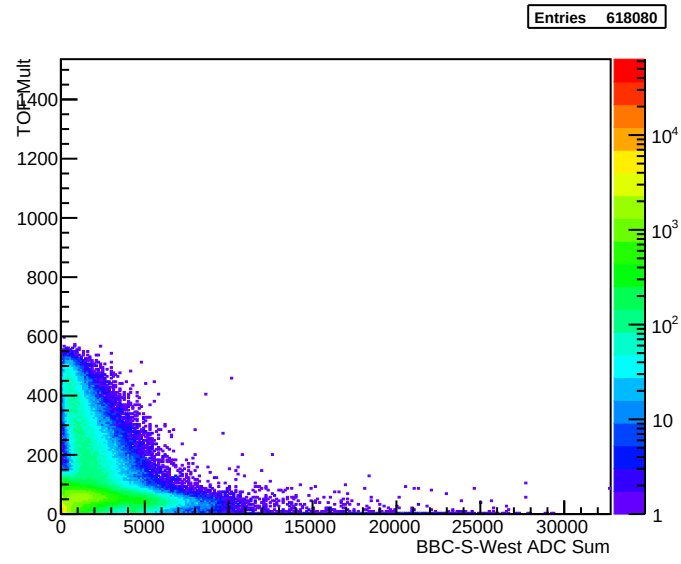

VT201 Input Ch4: VPD Tac Diff
Entries 618080
Tac

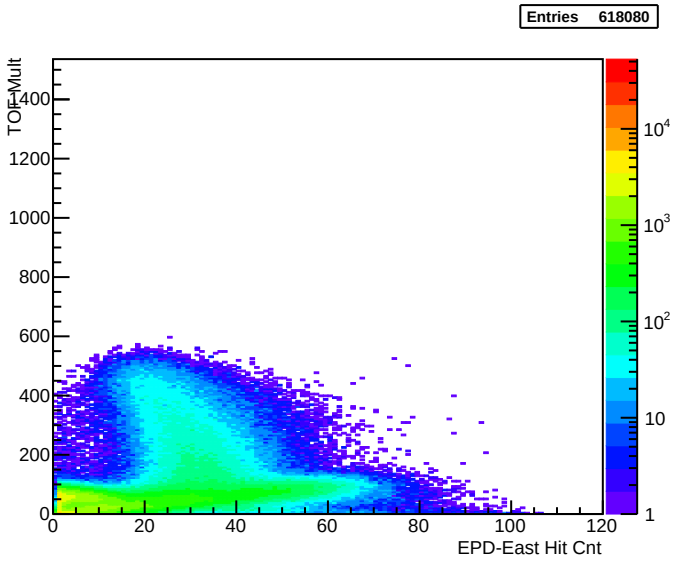

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

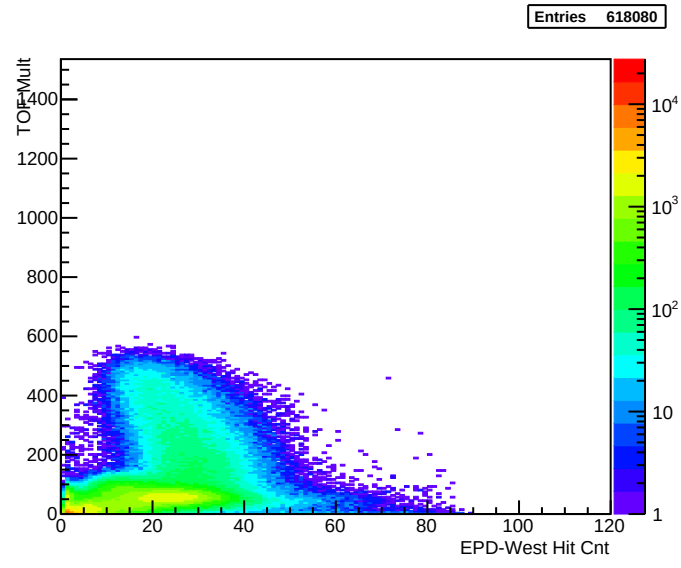

VT201 Input Ch4: VPD Adc Sum Th
Entries 1236160
329575
471257
288505
146823
East
West

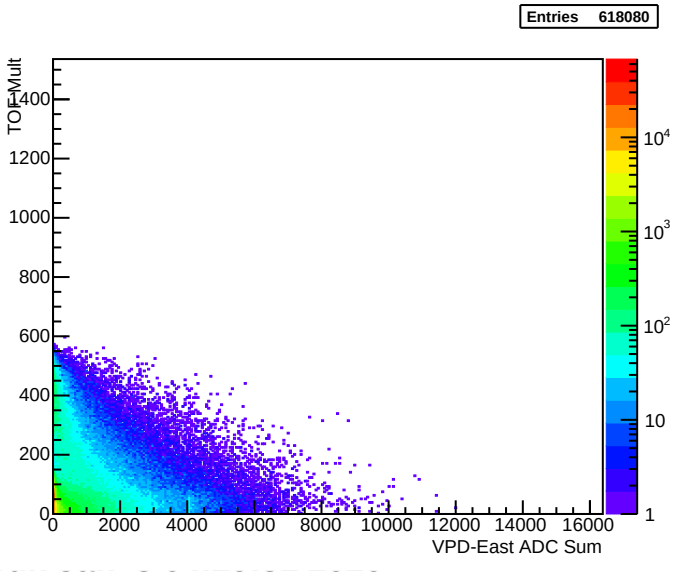

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

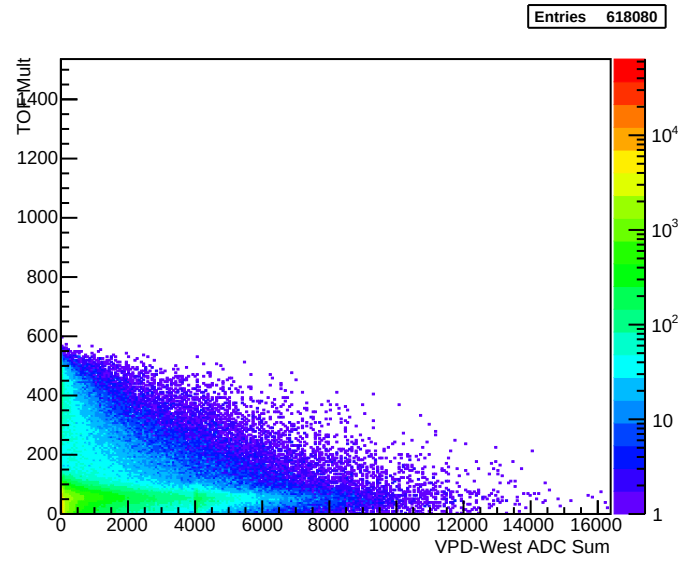

Entries 618080
TOF-Mult
BBC-S-East ADC Sum

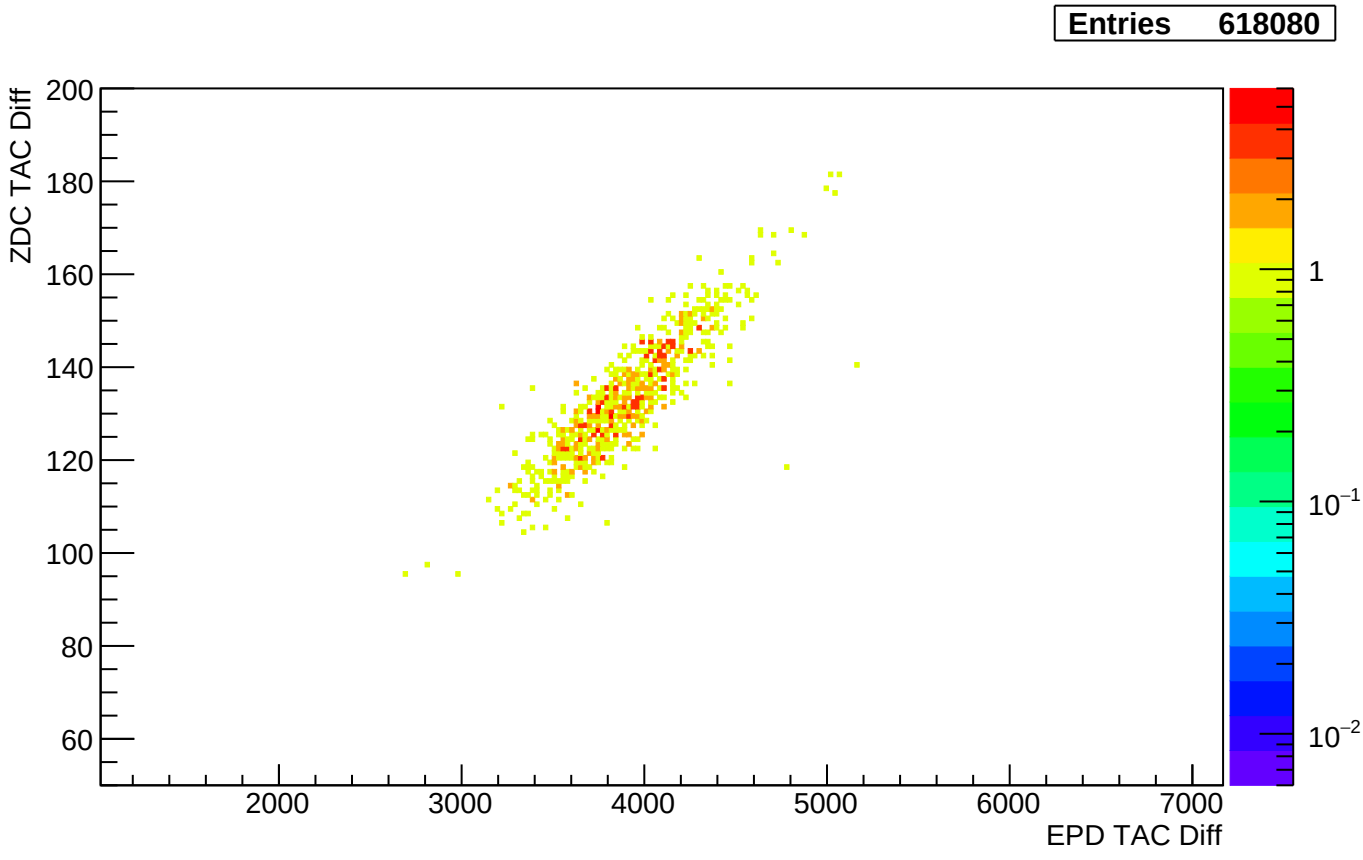

Entries 618080
TOF-Mult
BBC-S-West ADC Sum

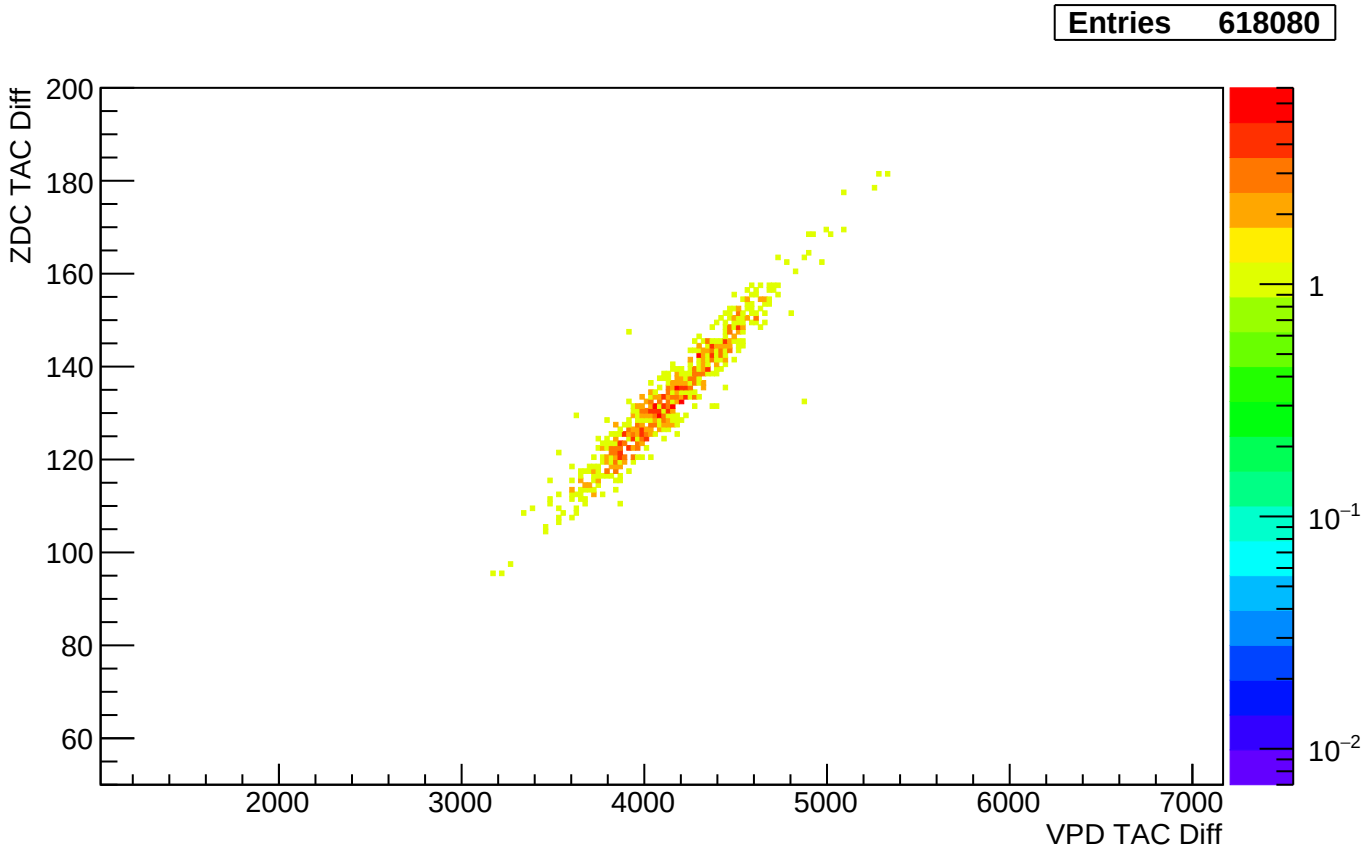

Entries 618080
TOF-Mult
EPD-East Hit Cnt

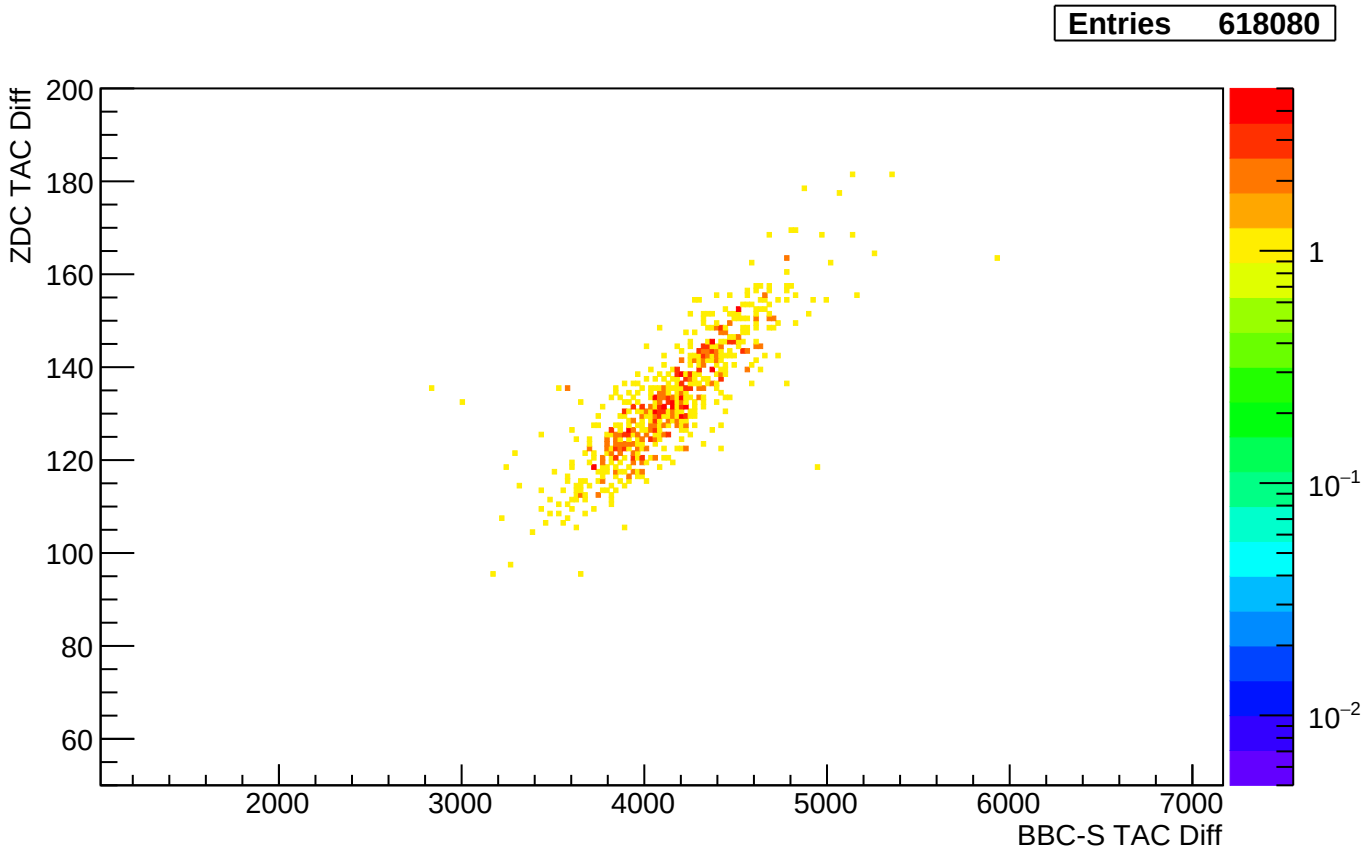

Entries 618080
TOF-Mult
EPD-West Hit Cnt

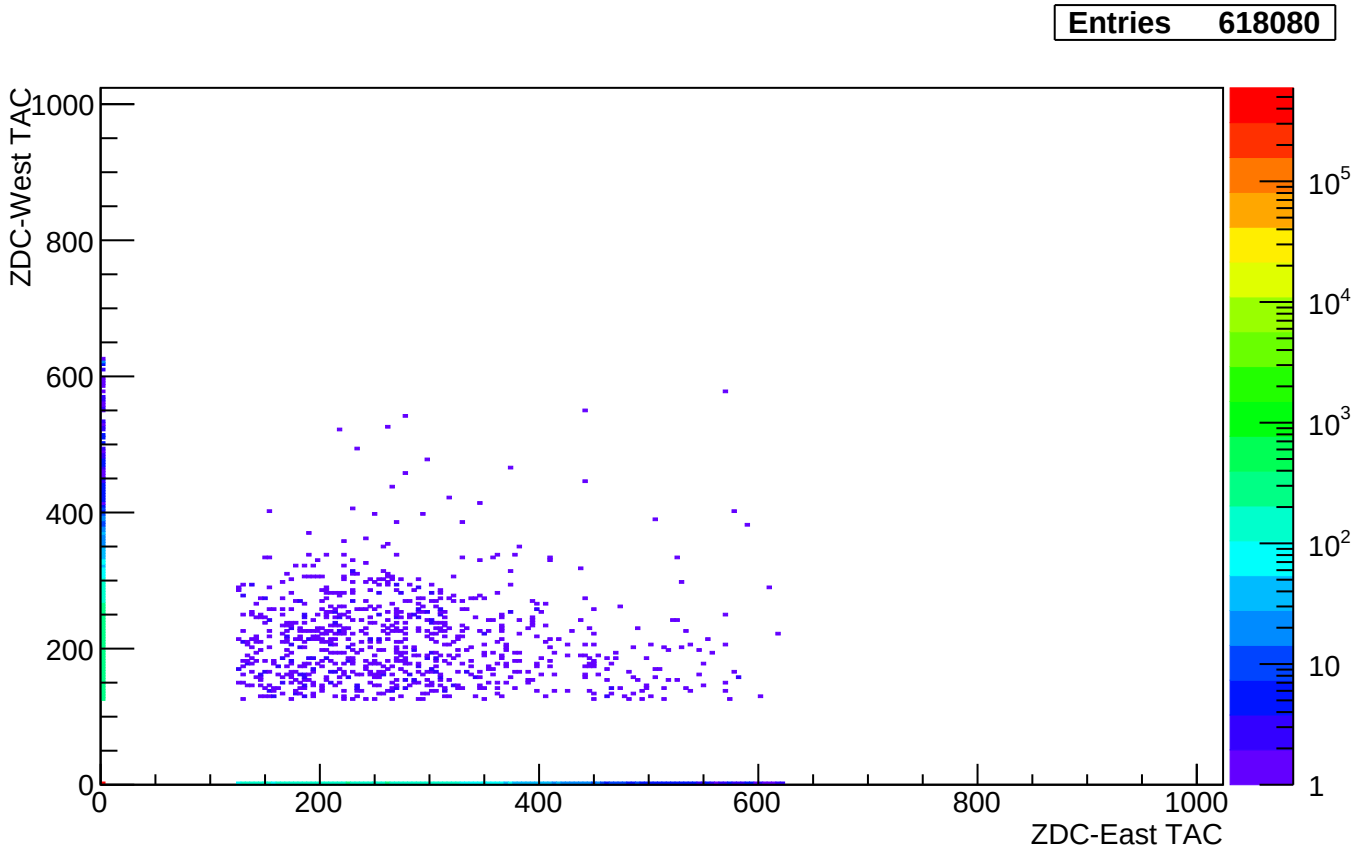

Entries 618080
TOF-Mult
VPD-East ADC Sum

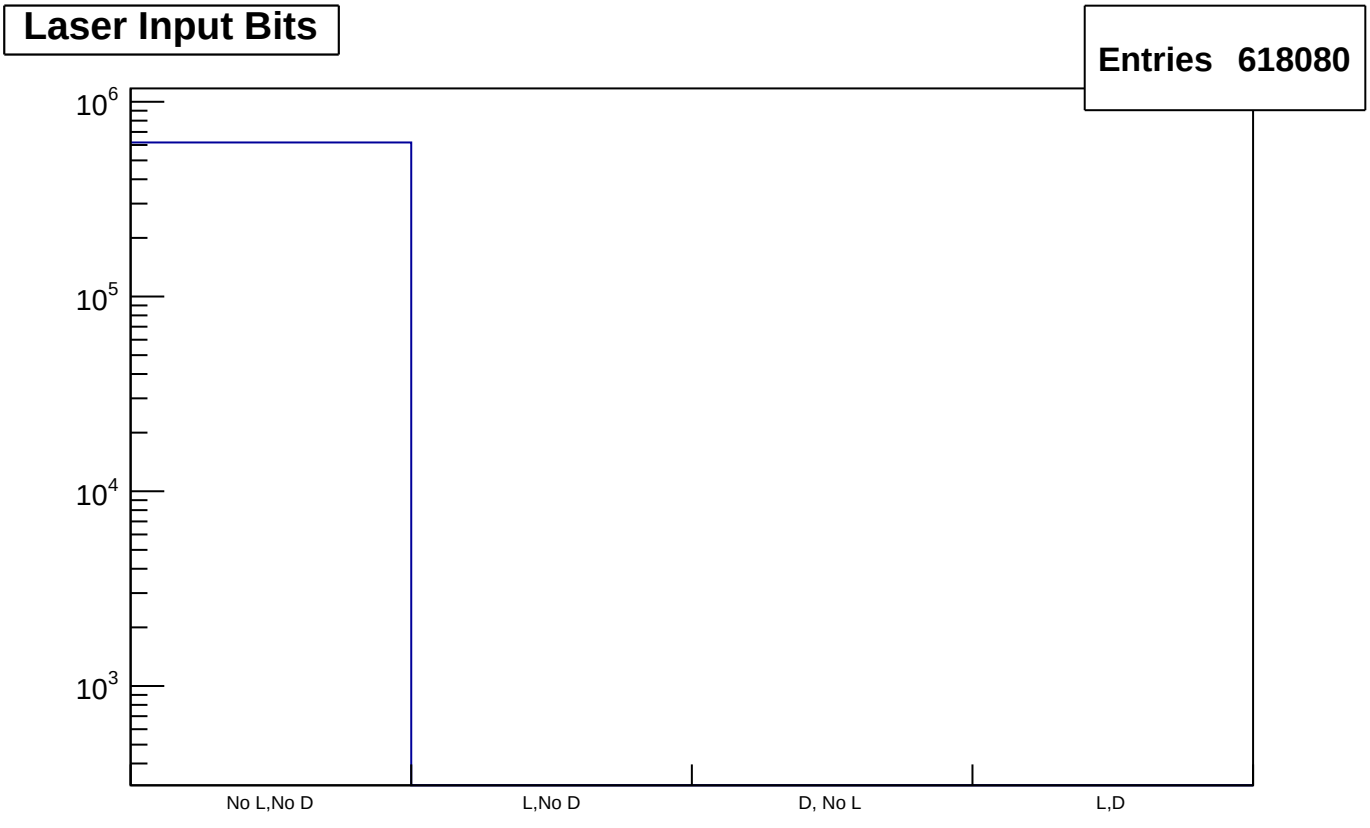

Entries 618080
TOF-Mult
VPD-West ADC Sum

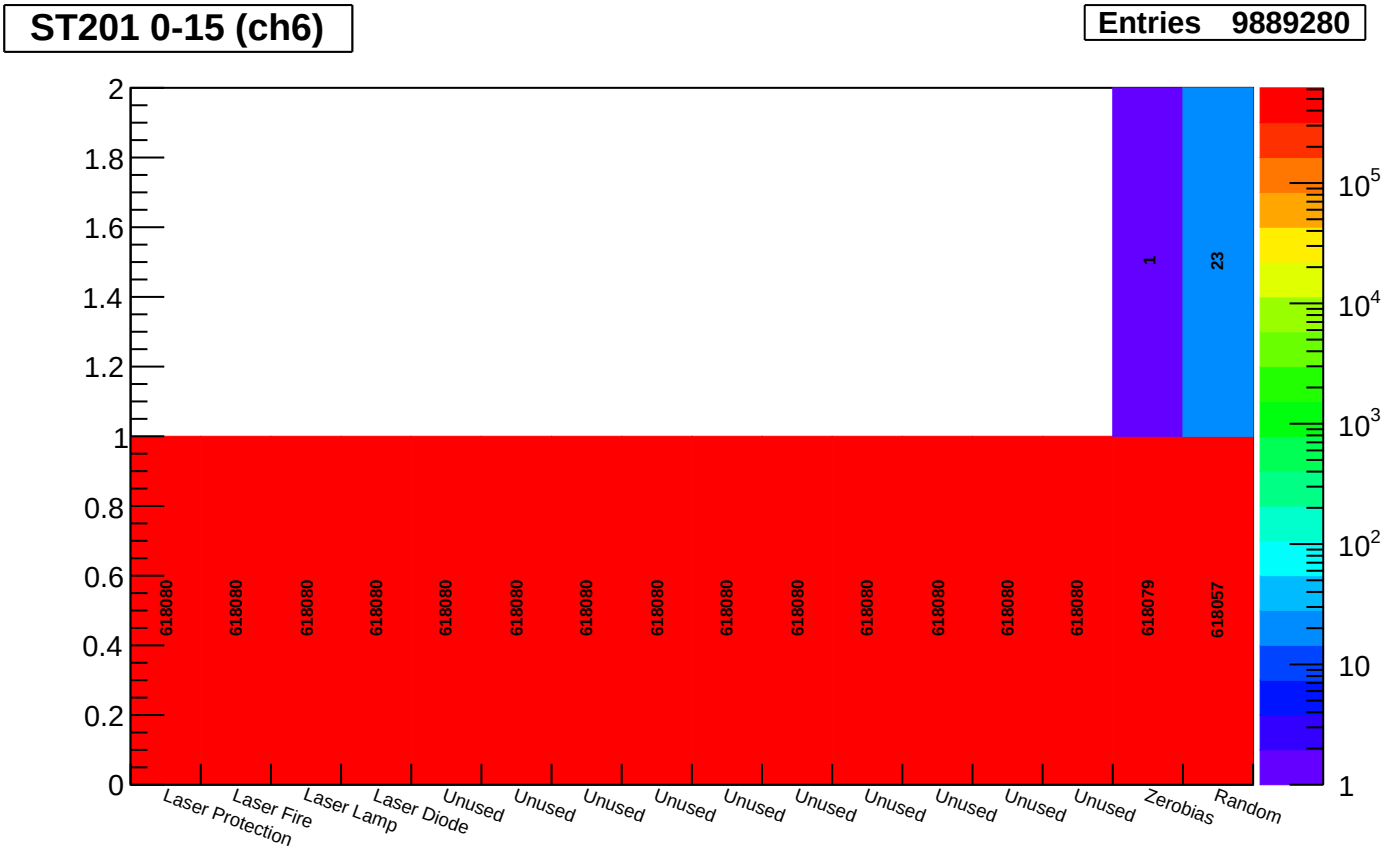

Entries 618080
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

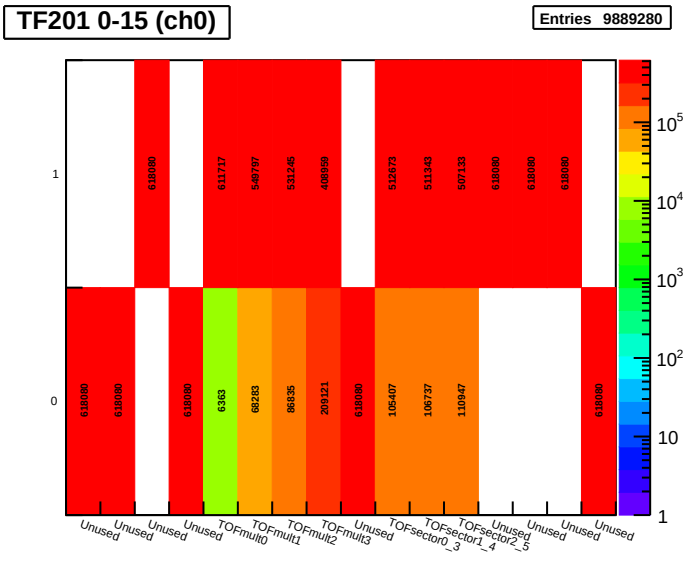

Entries 618080
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

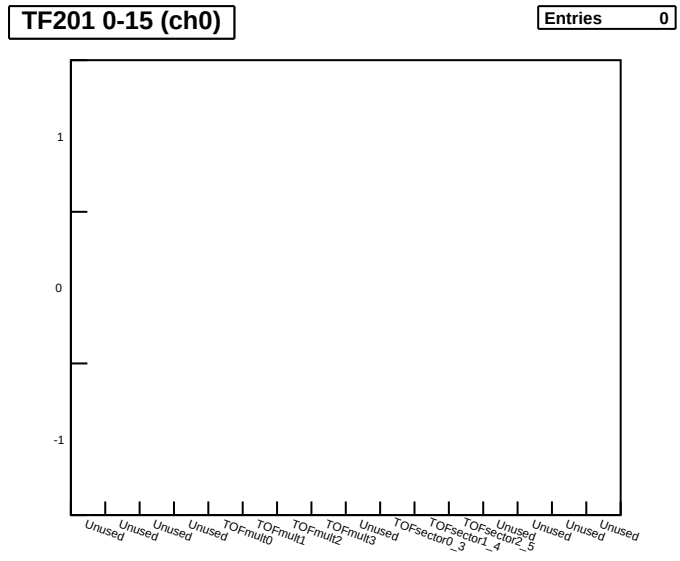

Entries 618080
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

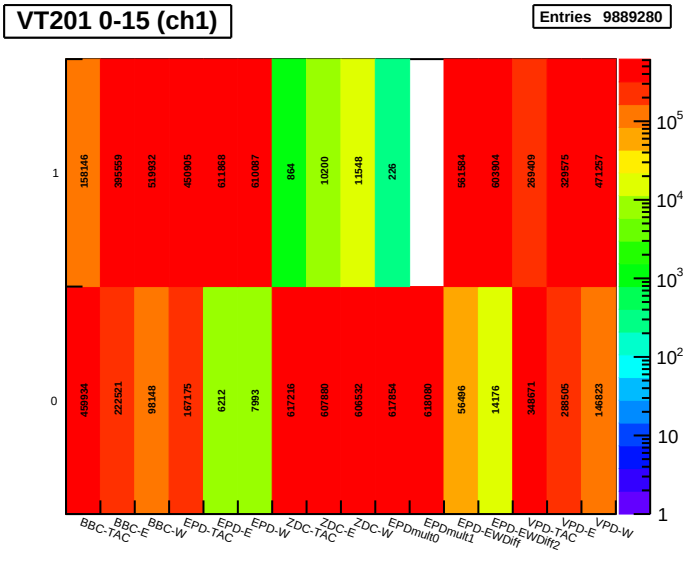

Entries 618080
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

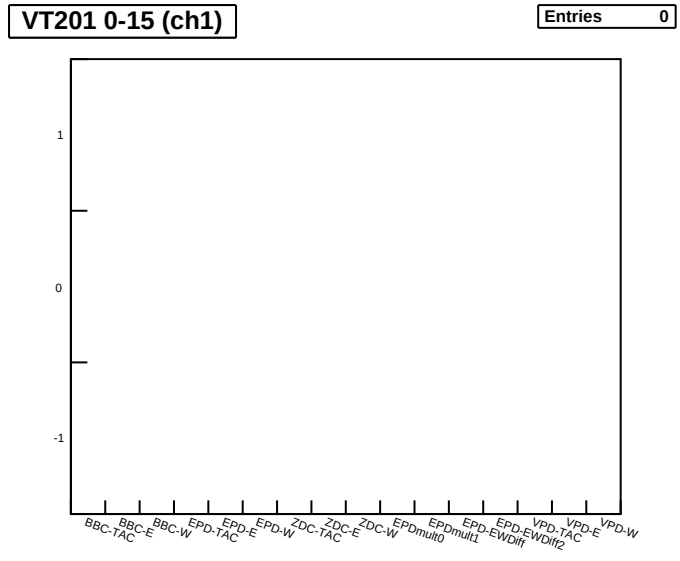

Laser Input Bits
Entries 618080
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

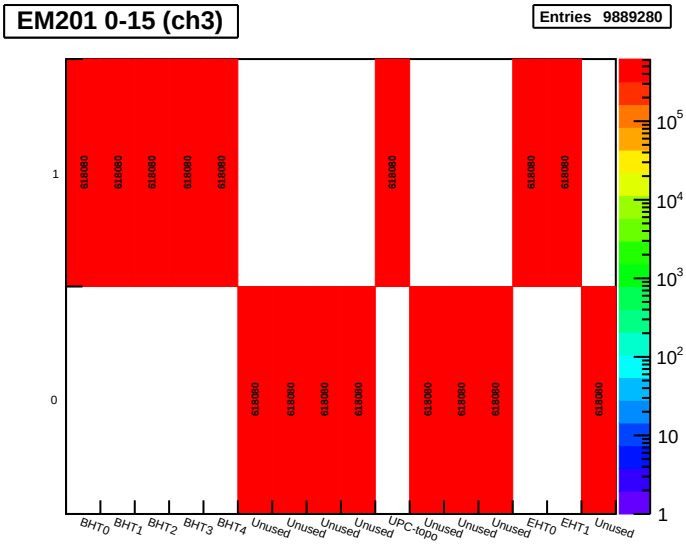

ST201 0-15 (ch6)
Entries 9889280
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
618080
618080
618080
618080
618080
618080
618080
618080
618080
618080
618080
618080
618080
618080
618079
618057
1
23
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1










EM201 0-15 (ch3)
Entries 9889280
1
0
618080
618080
618080
618080
618080
618080