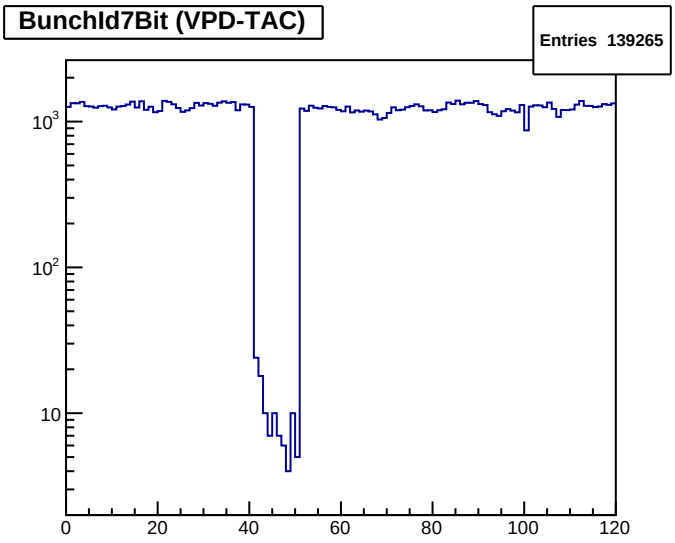
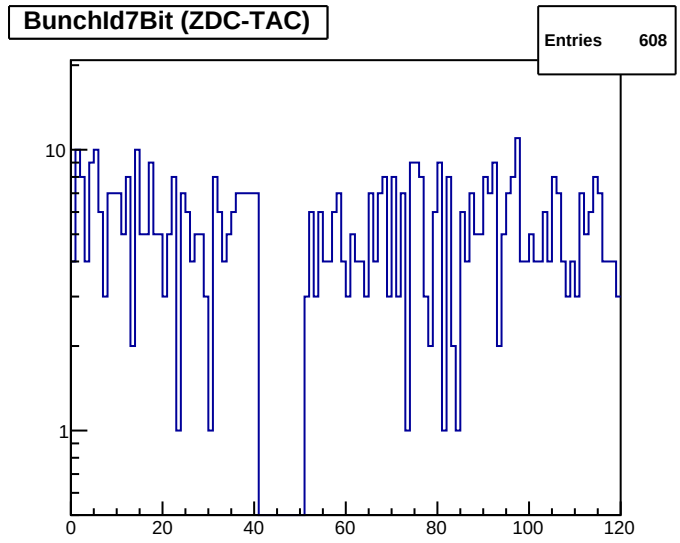
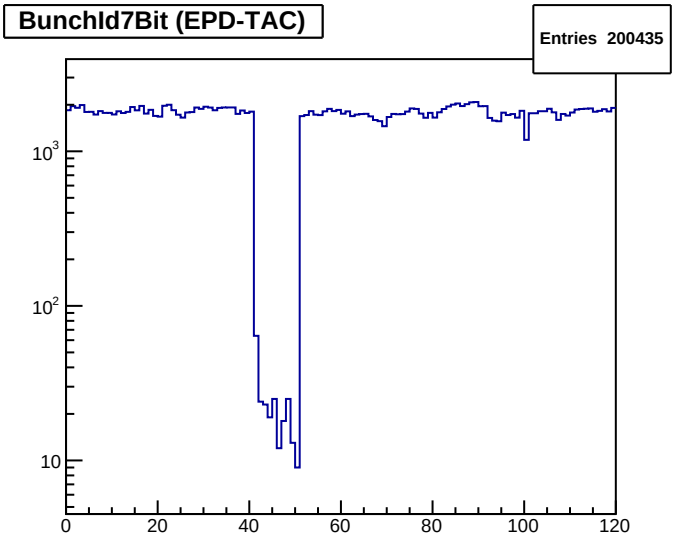
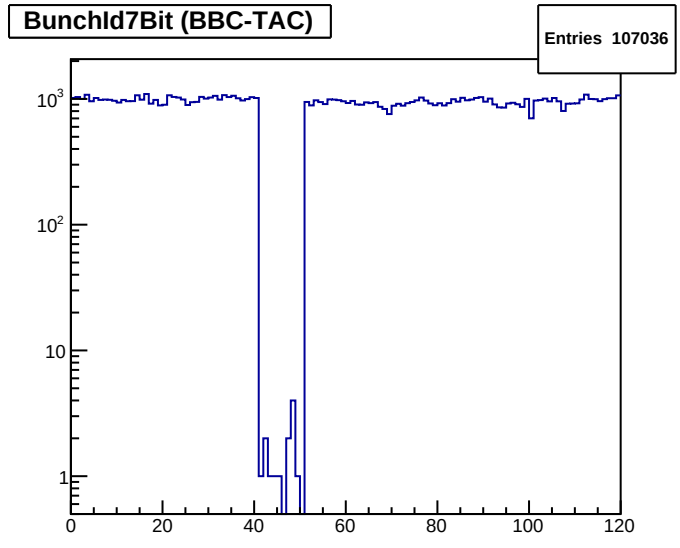
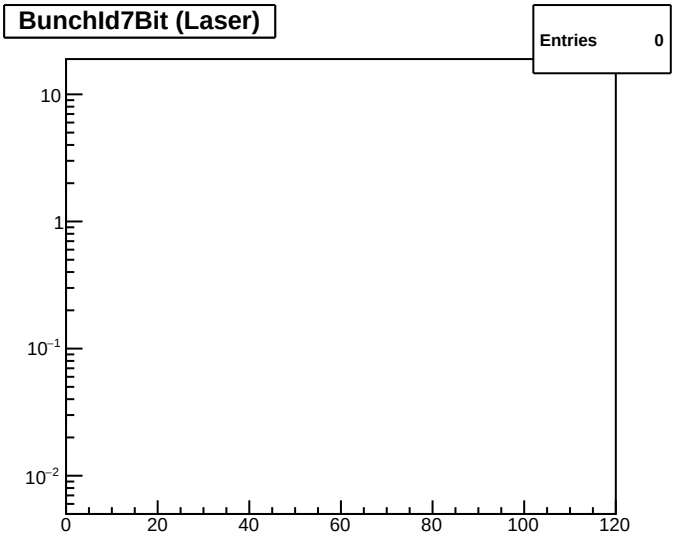
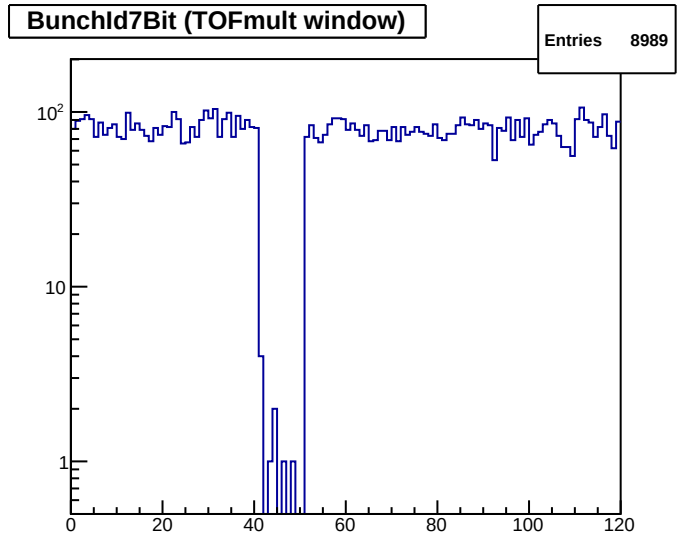

BunchId7Bit (VPD-TAC)
Entries 139265

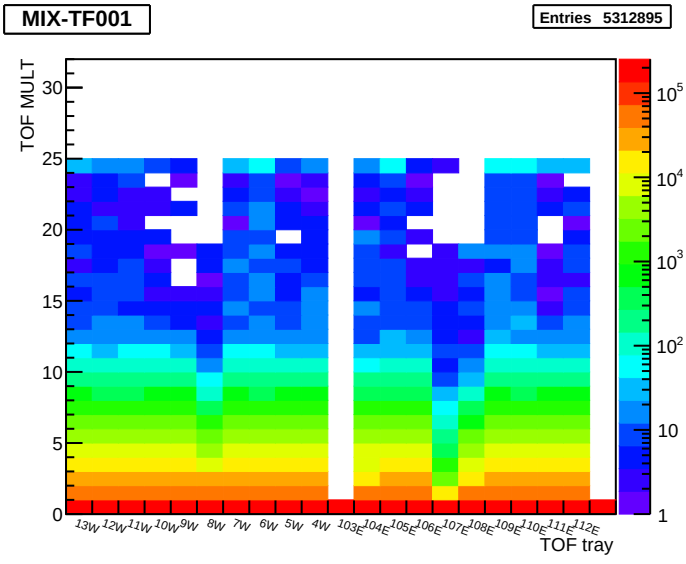

BunchId7Bit (ZDC-TAC)
Entries 608

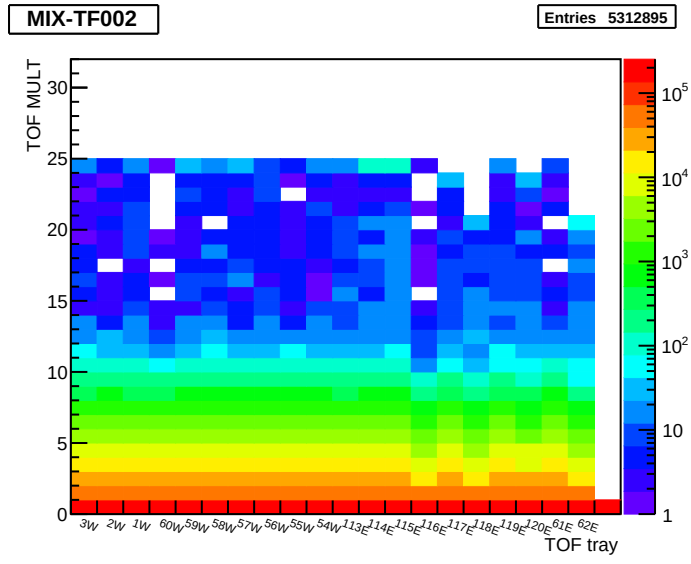

BunchId7Bit (EPD-TAC)
Entries 200435

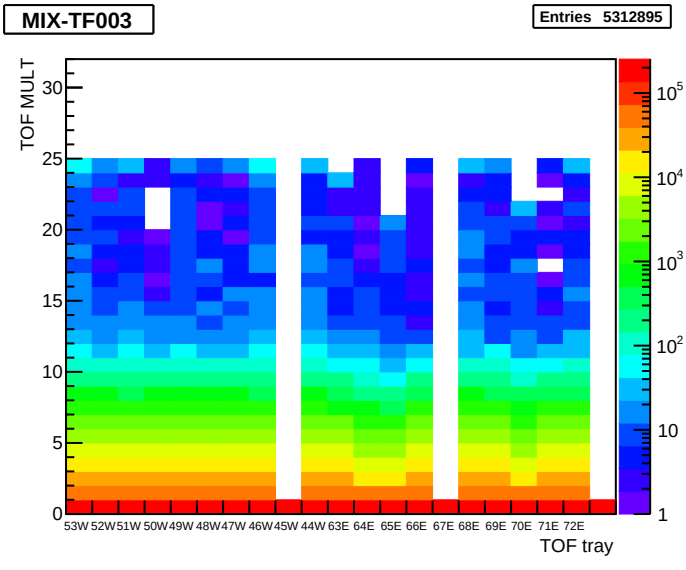

BunchId7Bit (BBC-TAC)
Entries 107036

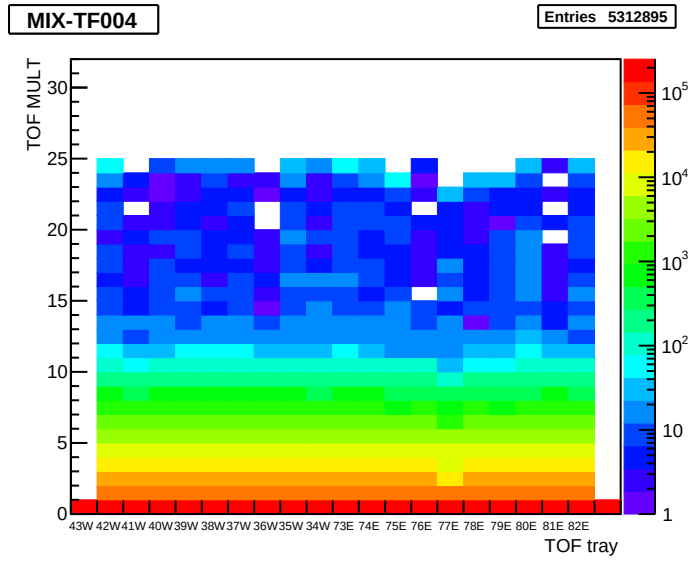

BunchId7Bit (Laser)
Entries 0

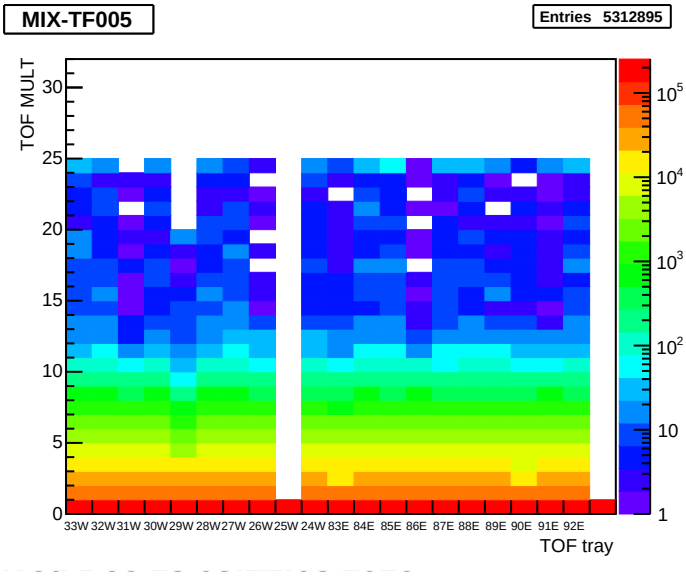

BunchId7Bit (TOFmult window)
Entries 8989

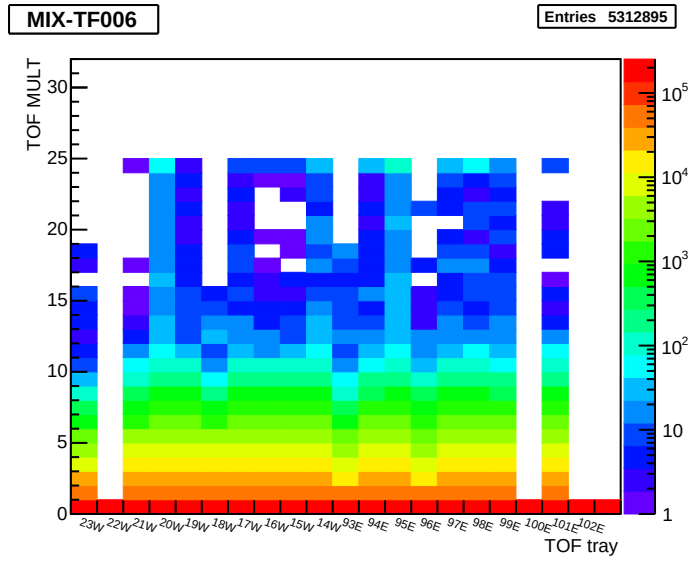

MIX-TF001
Entries 5312895
TOF MULT
TOF tray

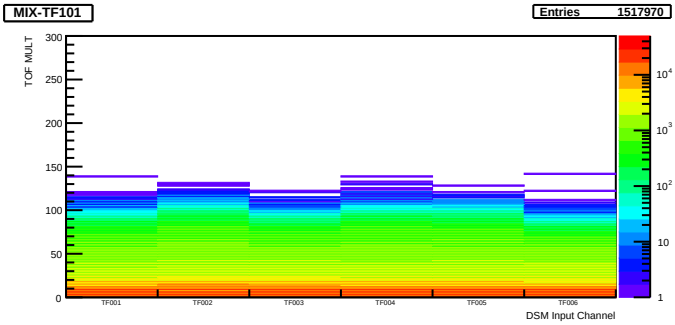

MIX-TF002
Entries 5312895
TOF MULT
TOF tray

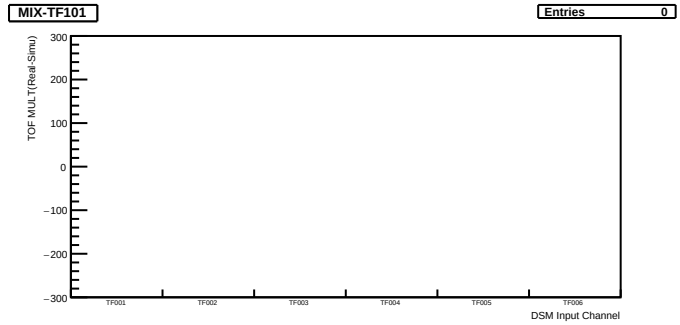

MIX-TF003
Entries 5312895
TOF MULT
TOF tray

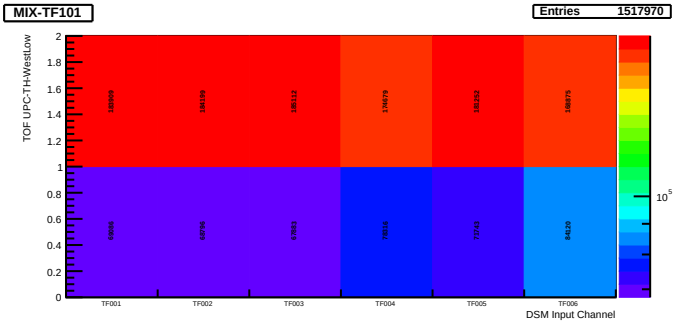

MIX-TF004
Entries 5312895
TOF MULT
TOF tray

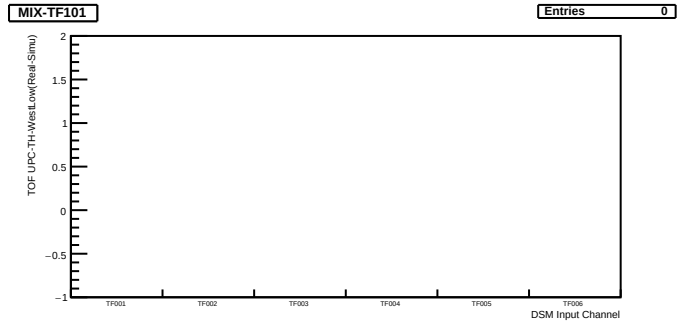

MIX-TF005
Entries 5312895
TOF MULT
TOF tray

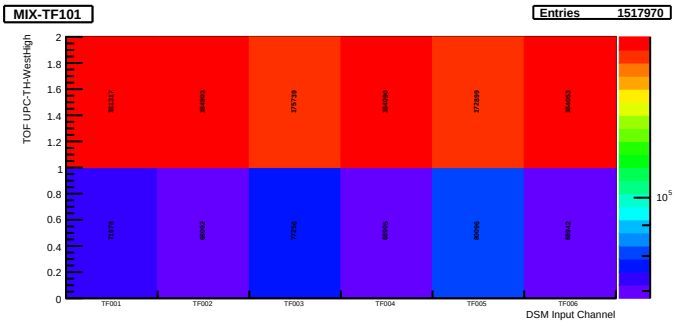

MIX-TF006
Entries 5312895
TOF MULT
TOF tray

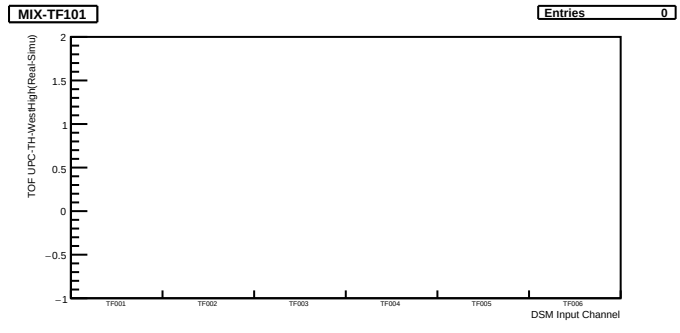

MIX-TF101
Entries 1517970
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

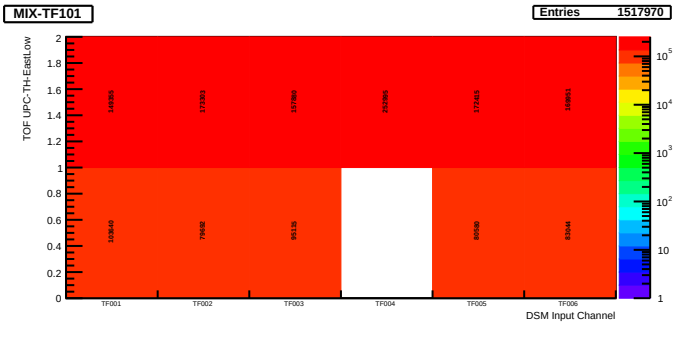

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

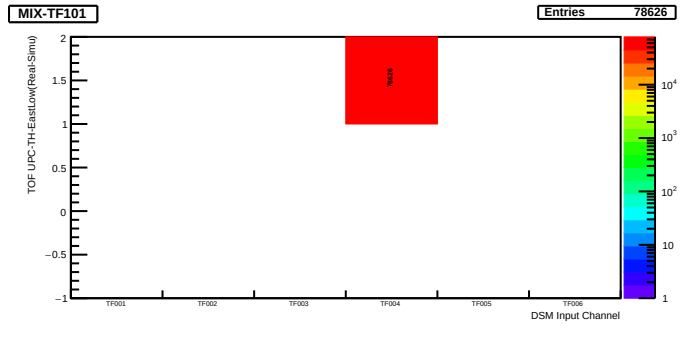

MIX-TF101
Entries 1517970
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

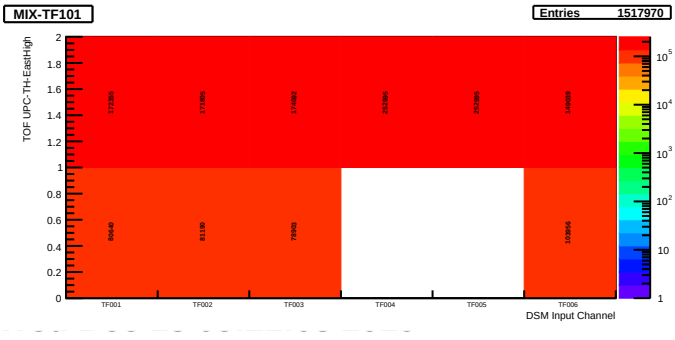

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

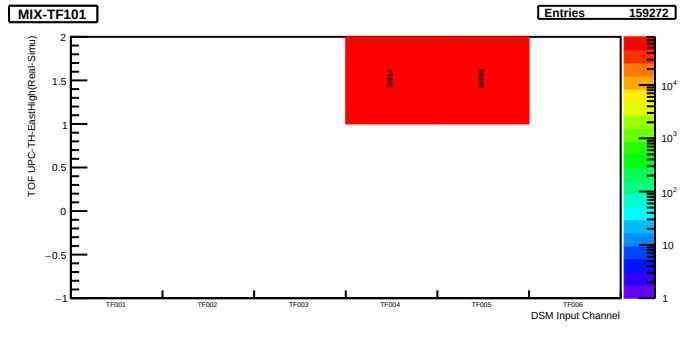

MIX-TF101
Entries 1517970
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

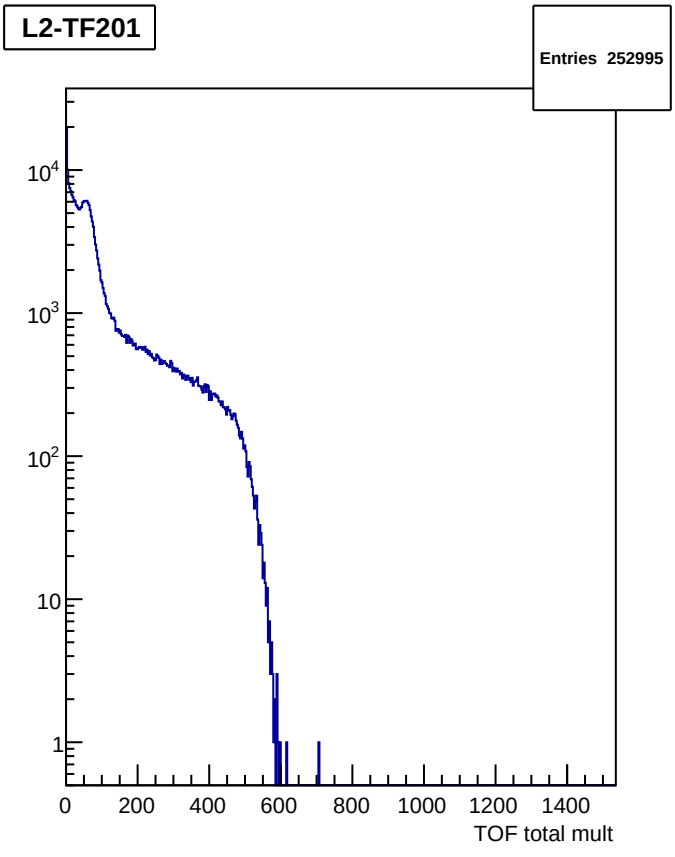

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

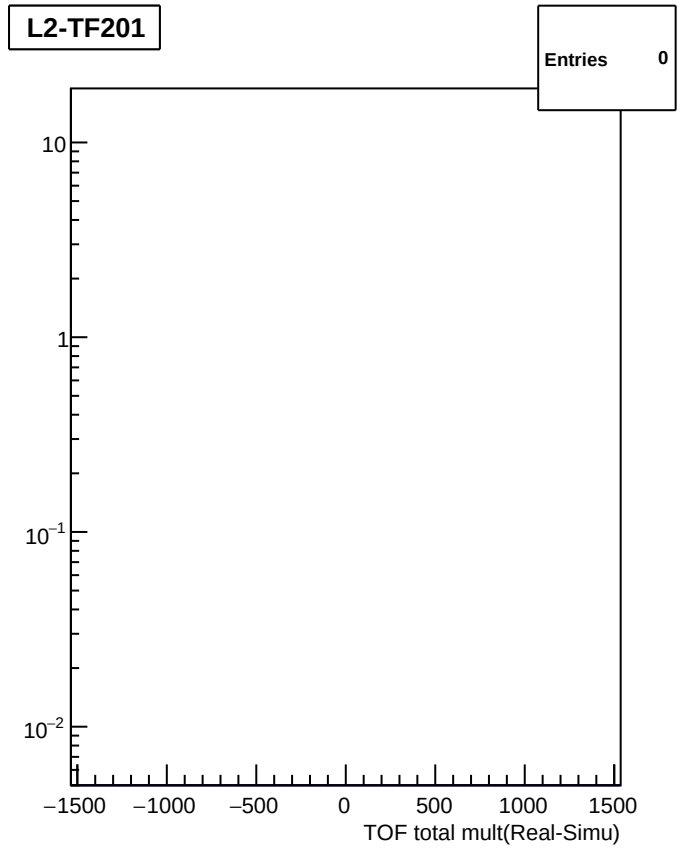

MIX-TF101
Entries 1517970
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

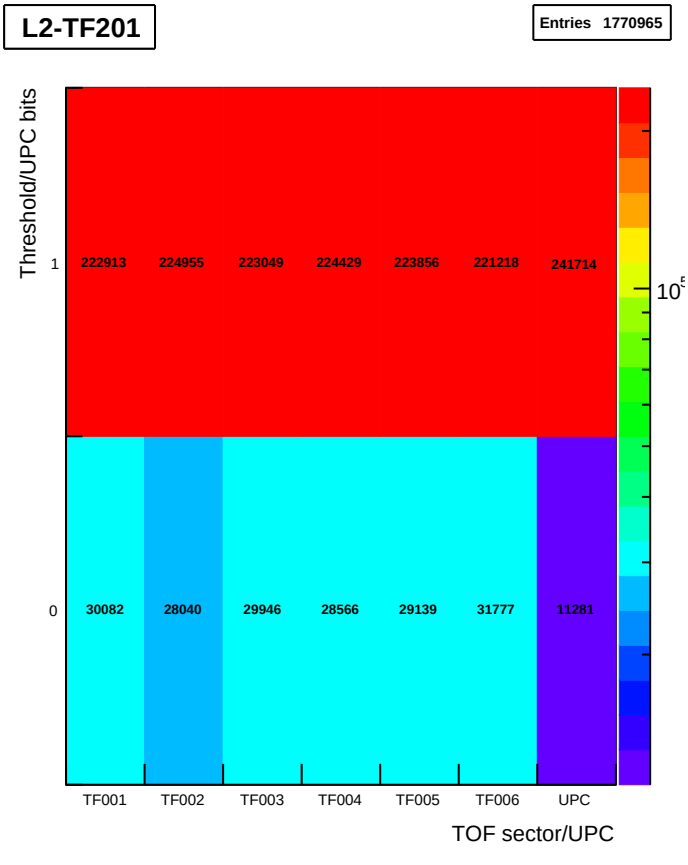

MIX-TF101
Entries 78626
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

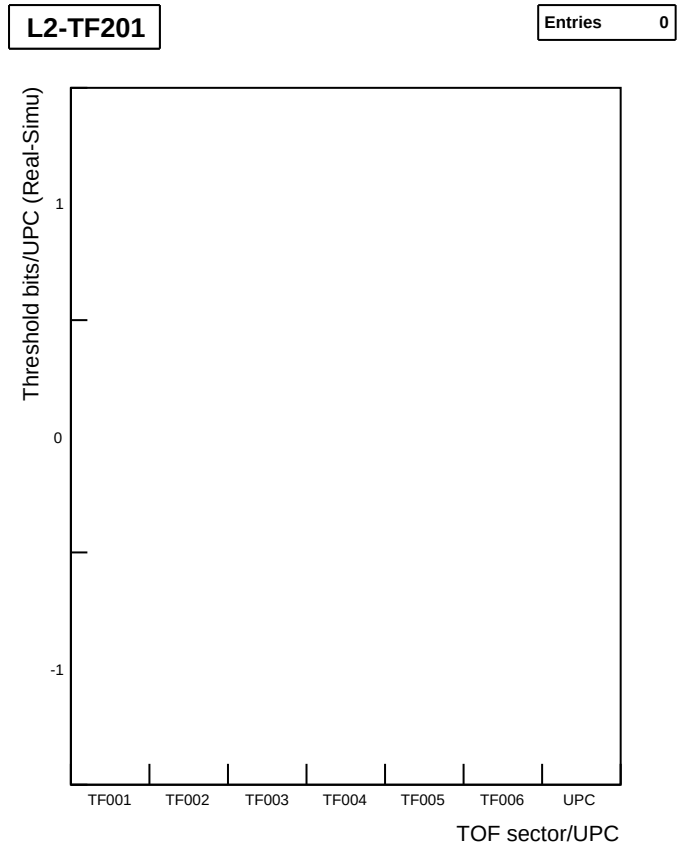

MIX-TF101
Entries 1517970
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

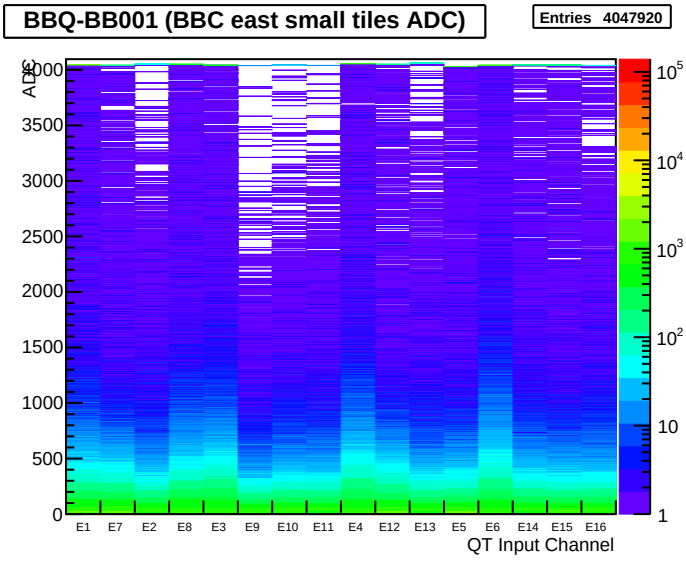

MIX-TF101
Entries 159272
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

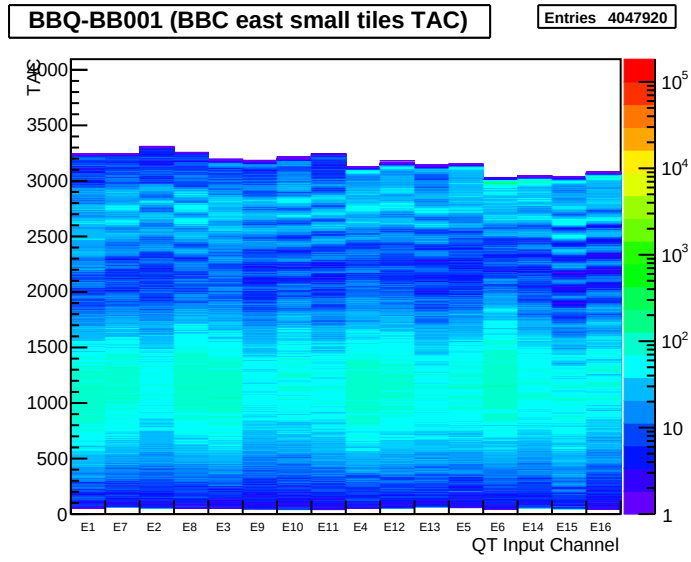

L2-TF201
Entries 252995
TOF total mult

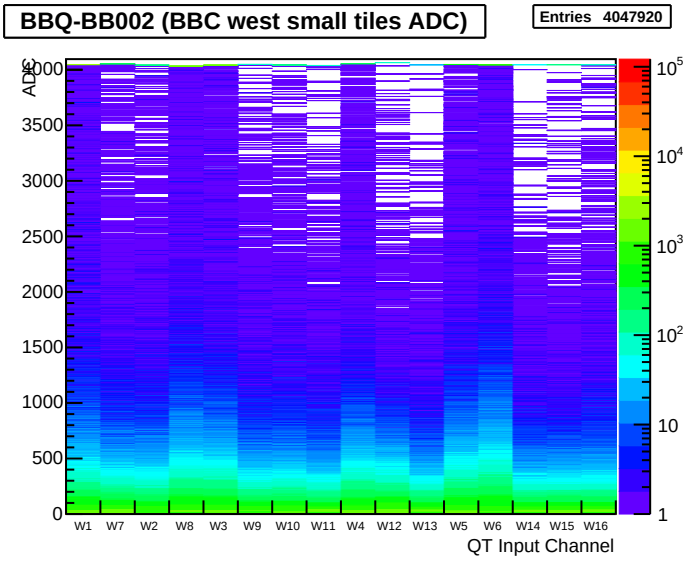

L2-TF201
Entries 0
TOF total mult(Real-Simu)

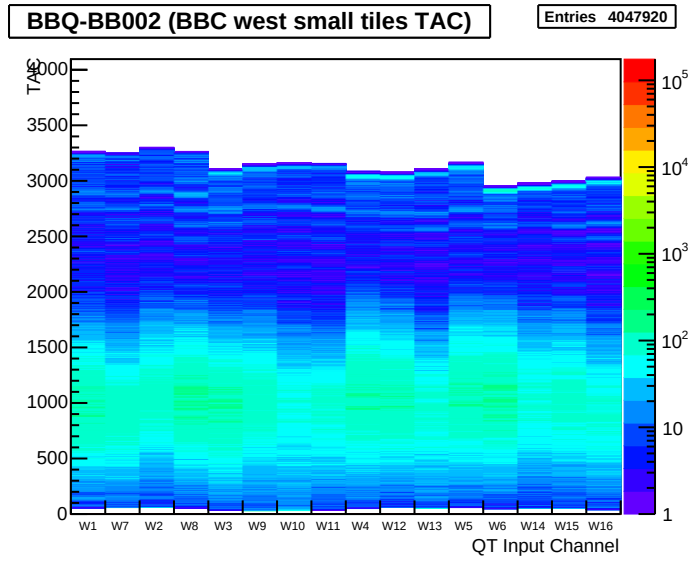

L2-TF201
Entries 1770965
Threshold/UPC bits
222913
224955
223049
224429
223856
221218
241714
30082
28040
29946
28566
29139
31777
11281
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

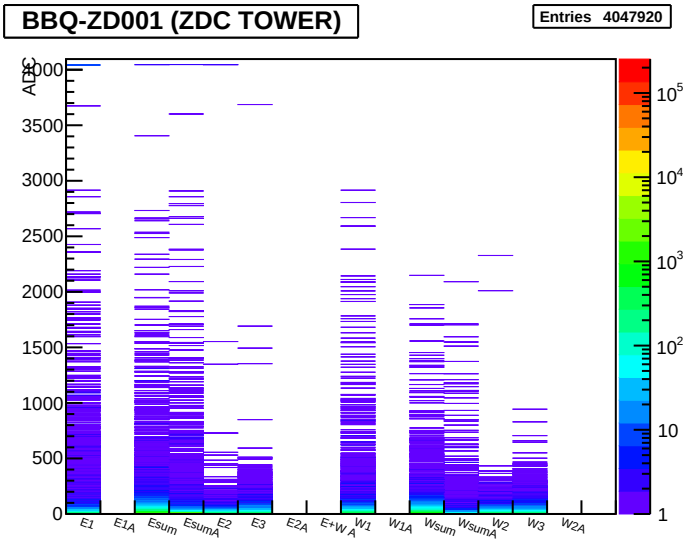

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

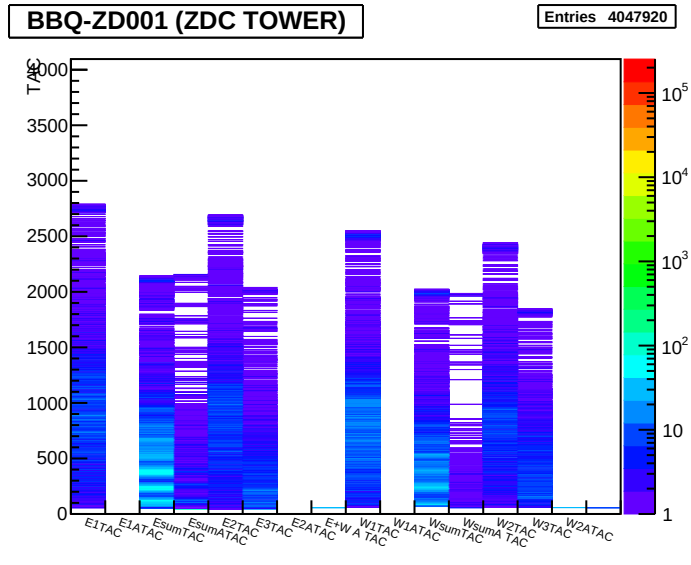

BBQ-BB001 (BBC east small tiles ADC)
Entries 4047920
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

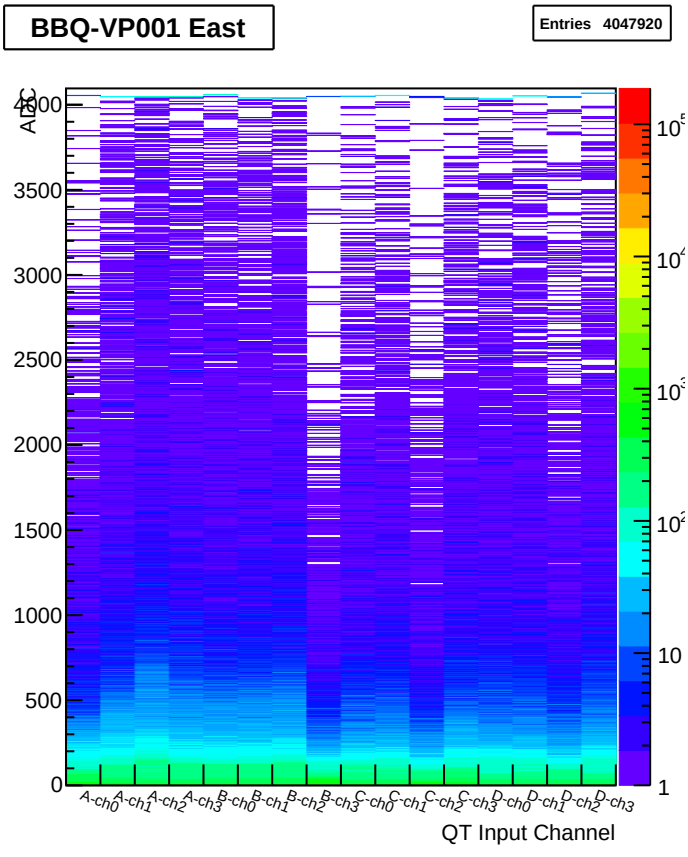

BBQ-BB001 (BBC east small tiles TAC)
Entries 4047920
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

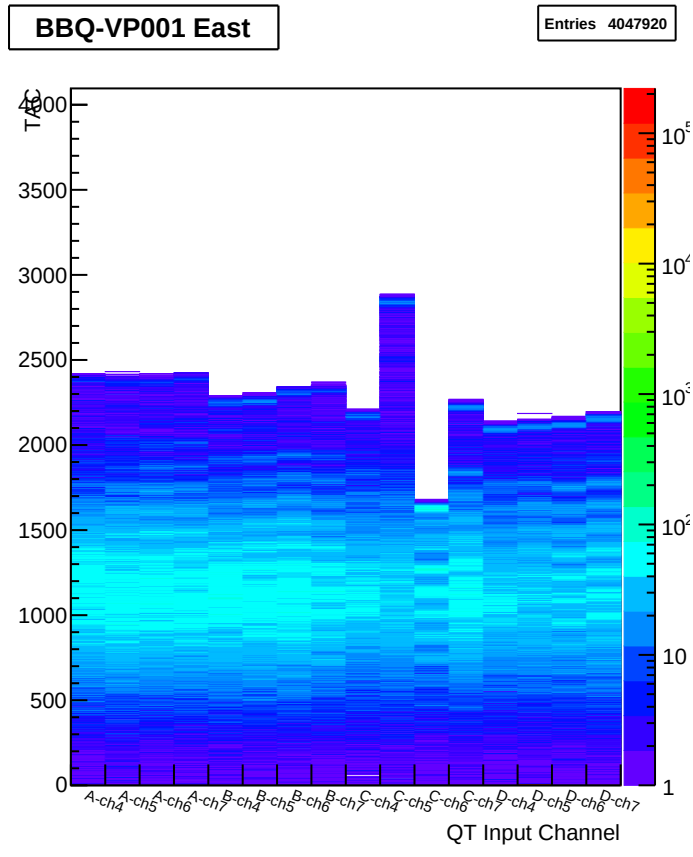

BBQ-BB002 (BBC west small tiles ADC)
Entries 4047920
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

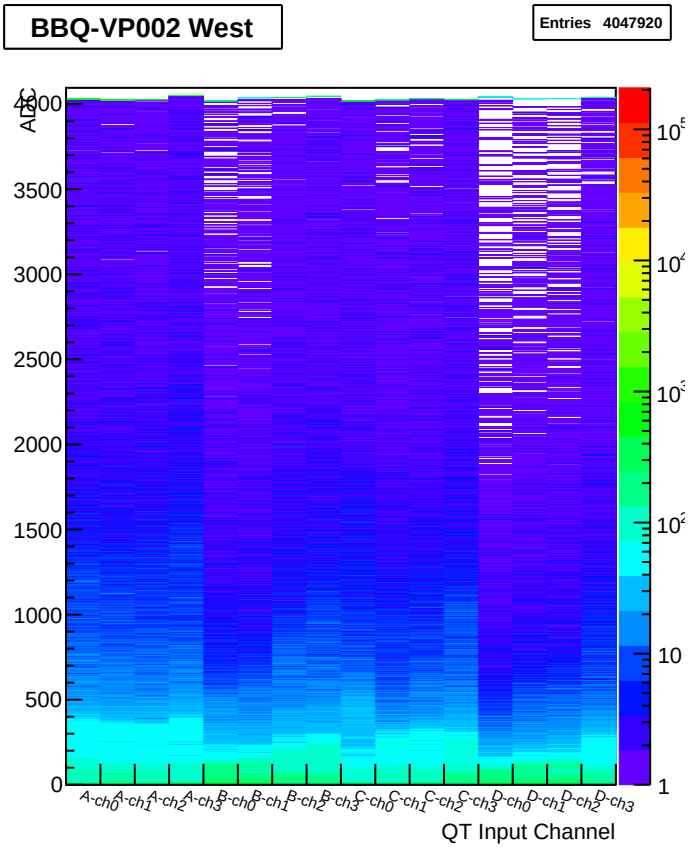

BBQ-BB002 (BBC west small tiles TAC)
Entries 4047920
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

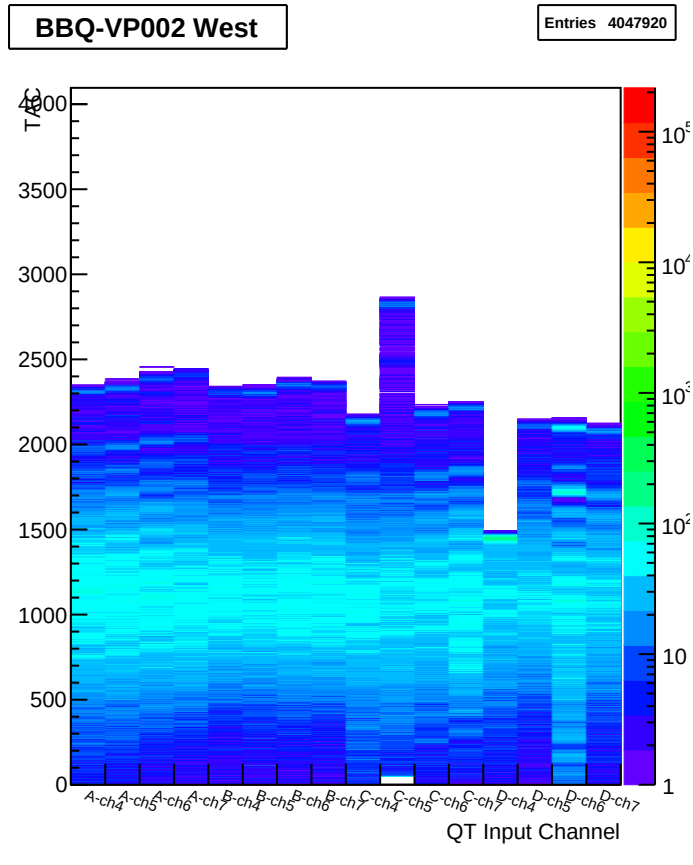

BBQ-ZD001 (ZDC TOWER)
Entries 4047920
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

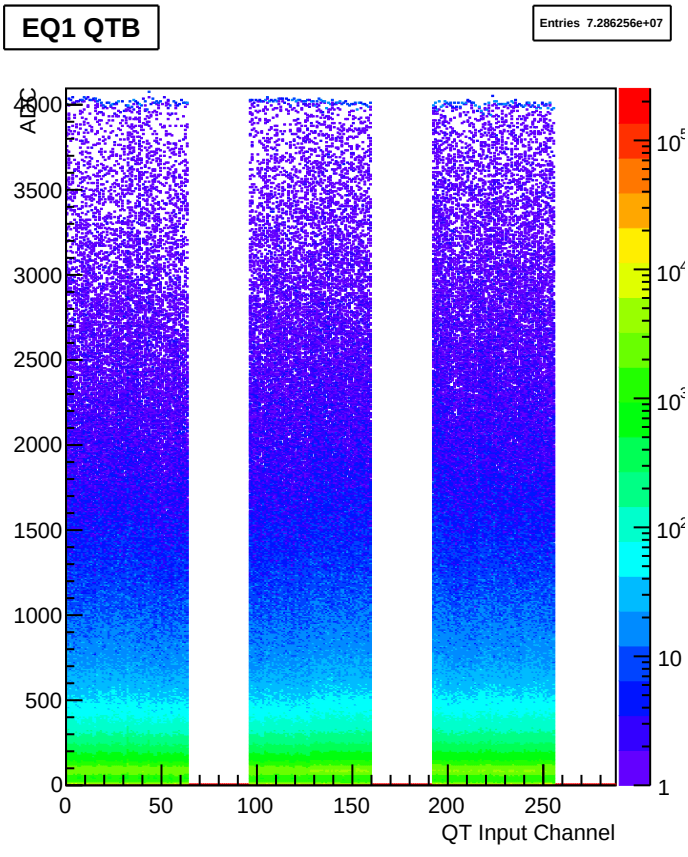

BBQ-ZD001 (ZDC TOWER)
Entries 4047920
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

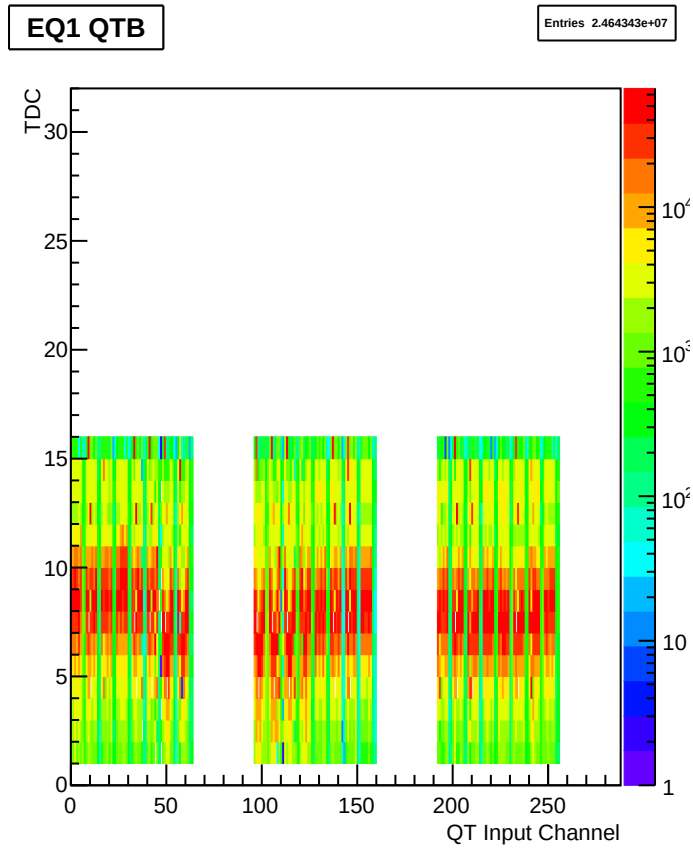

BBQ-VP001 East
Entries 4047920
ADC
QT Input Channel

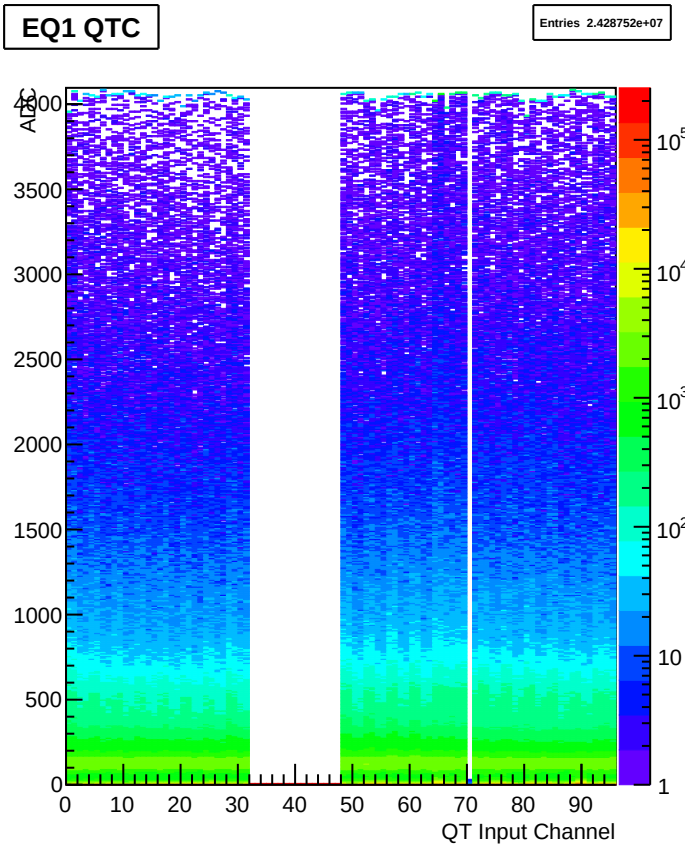

BBQ-VP001 East
Entries 4047920
TADC
QT Input Channel

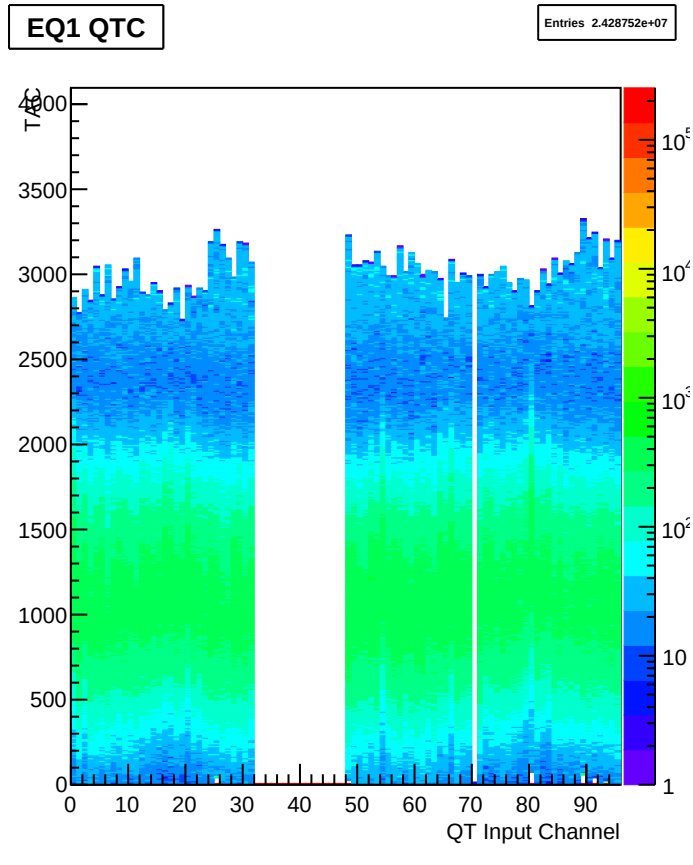

BBQ-VP002 West
Entries 4047920
ADC
QT Input Channel

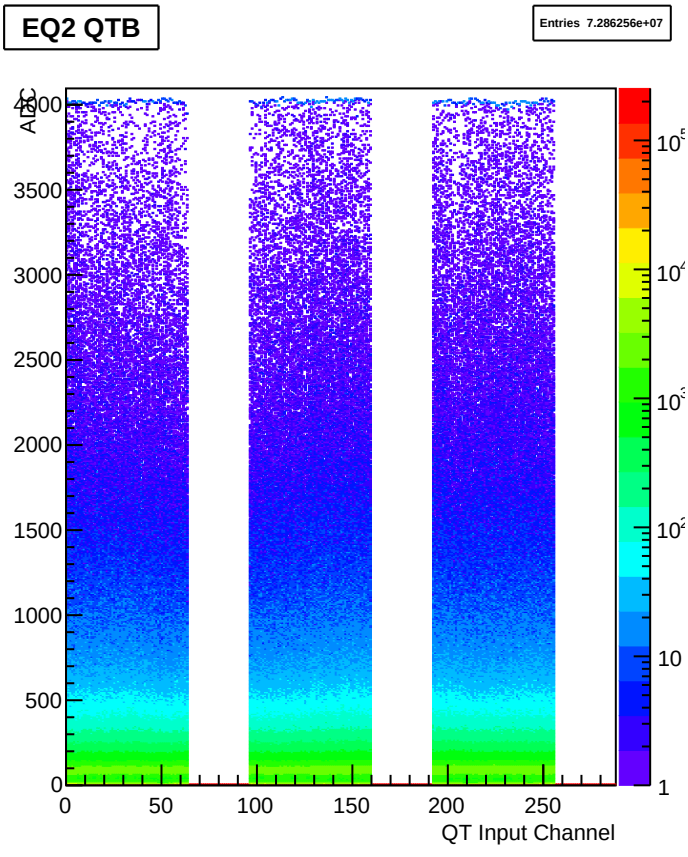

BBQ-VP002 West
Entries 4047920
TADC
QT Input Channel

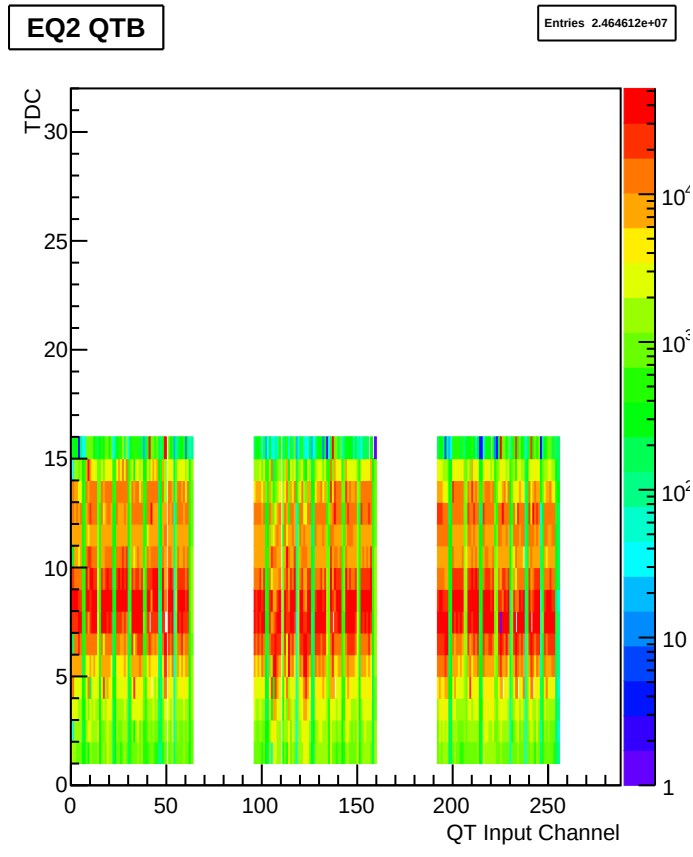

EQ1 QTB
Entries 7.286256e+07
ADC
QT Input Channel

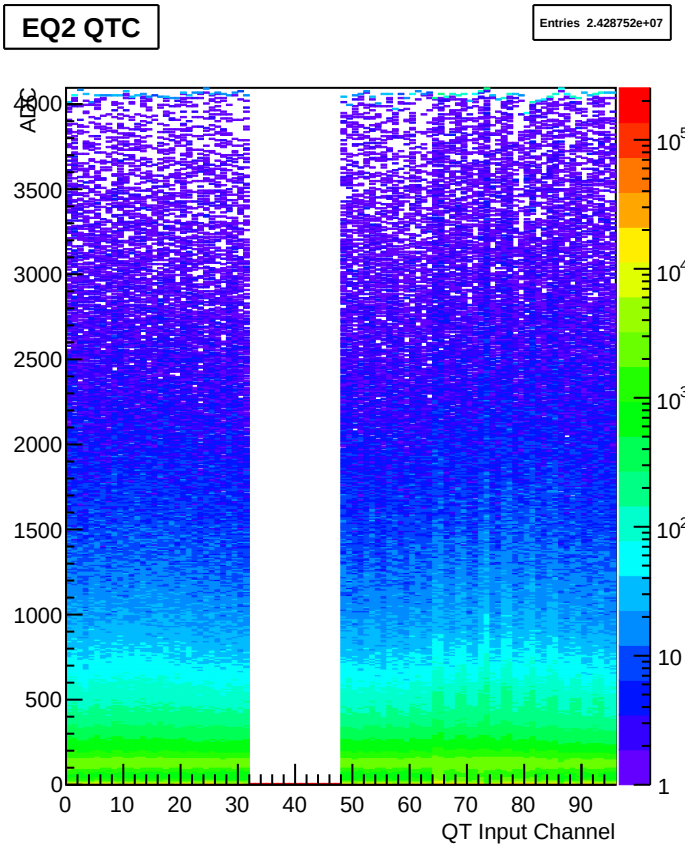

EQ1 QTB
Entries 2.464343e+07
TDC
QT Input Channel

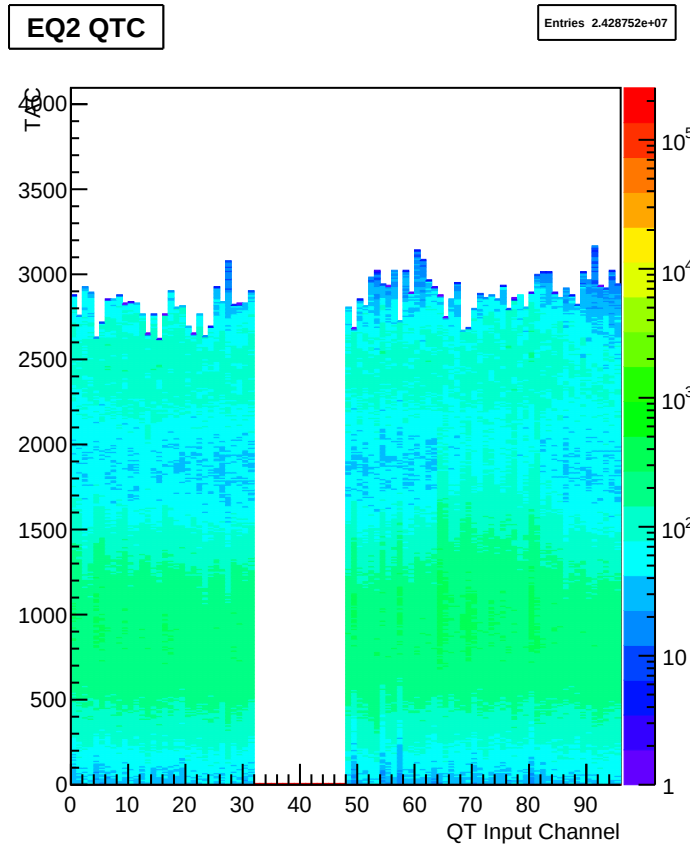

EQ1 QTC
Entries 2.428752e+07
ADC
QT Input Channel

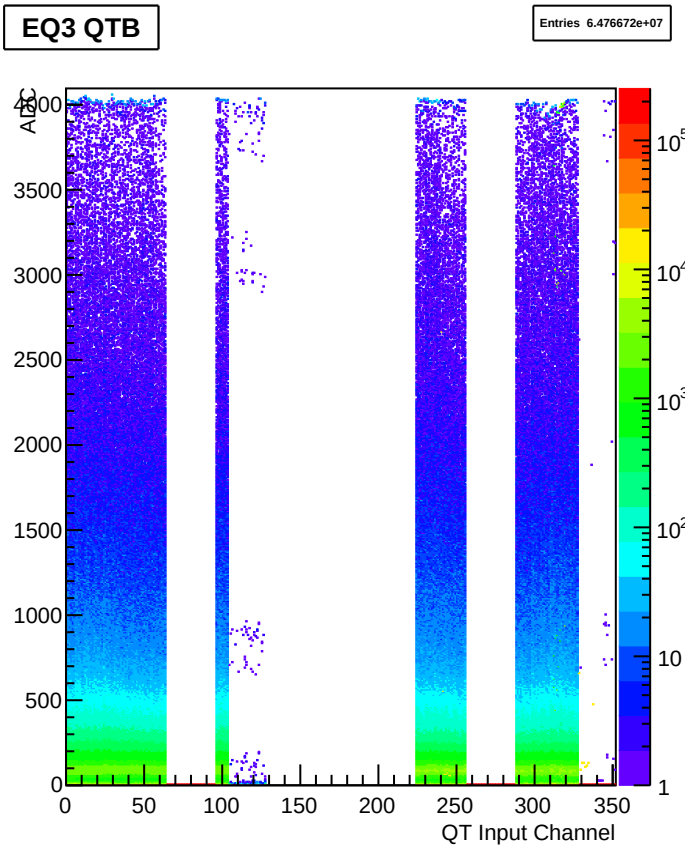

EQ1 QTC
Entries 2.428752e+07
TADC
QT Input Channel

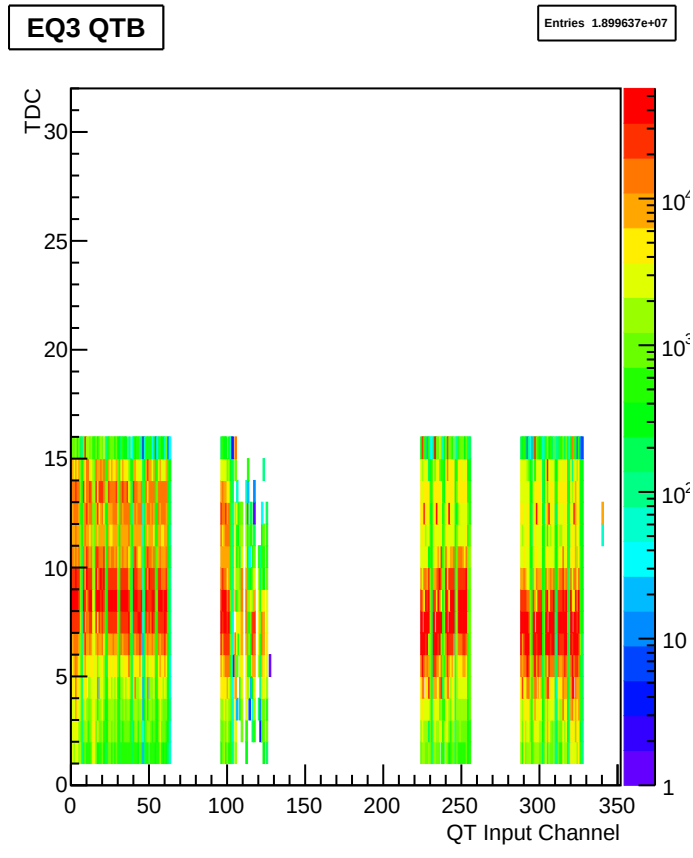

EQ2 QTB
Entries 7.286256e+07
ADC
QT Input Channel

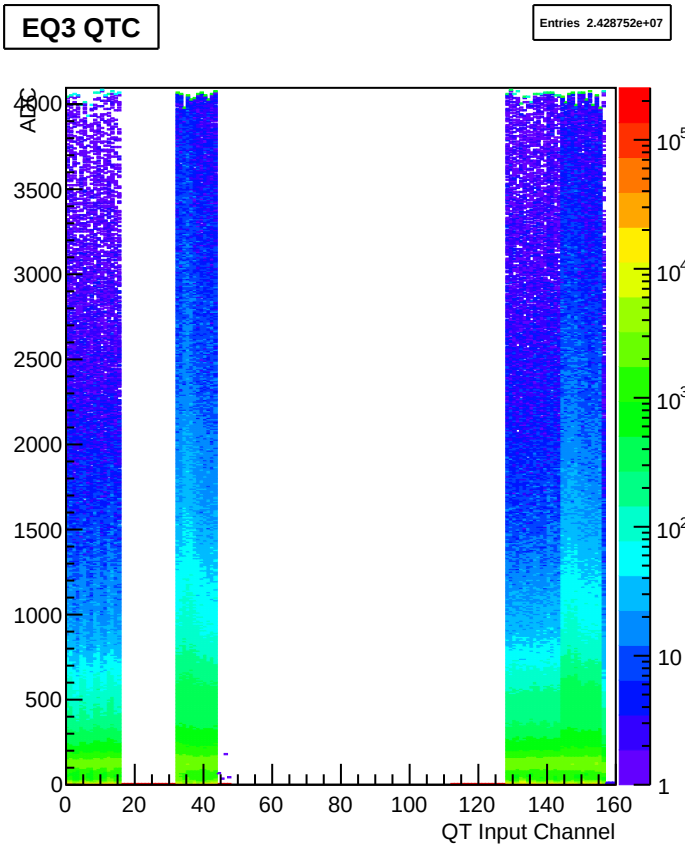

EQ2 QTB
Entries 2.464612e+07
TDC
QT Input Channel

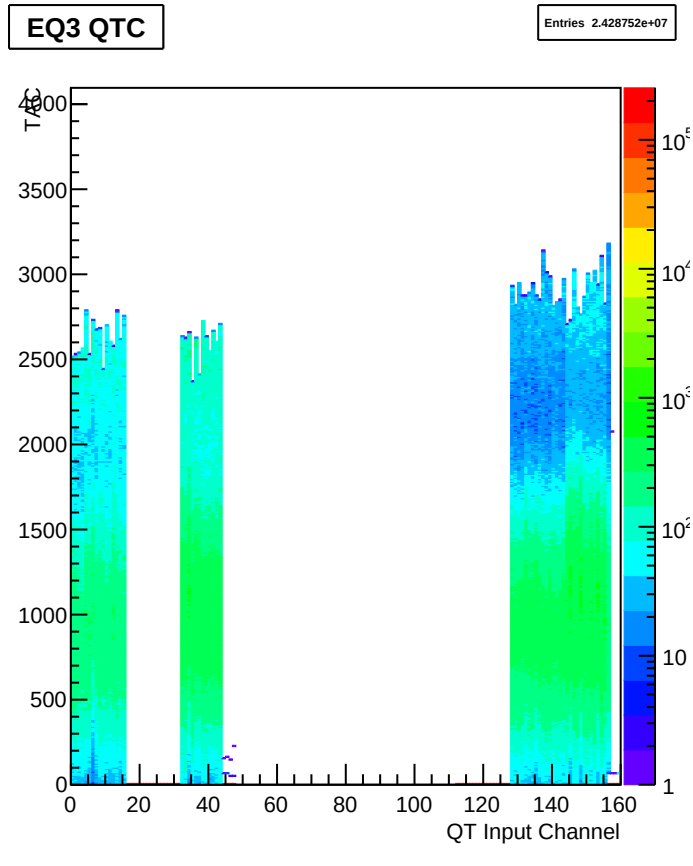

EQ2 QTC
Entries 2.428752e+07
ADC
QT Input Channel

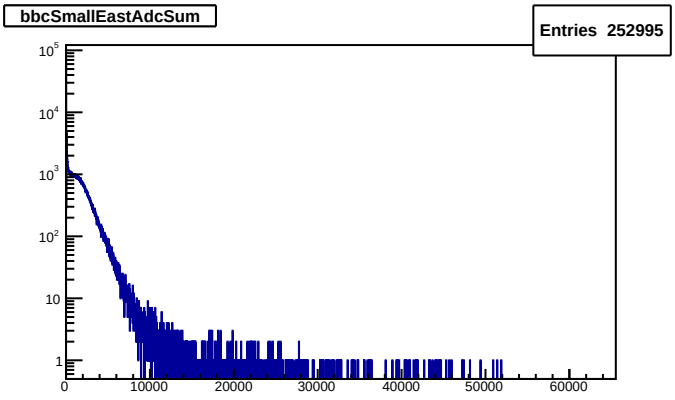

EQ2 QTC
Entries 2.428752e+07
TADC
QT Input Channel

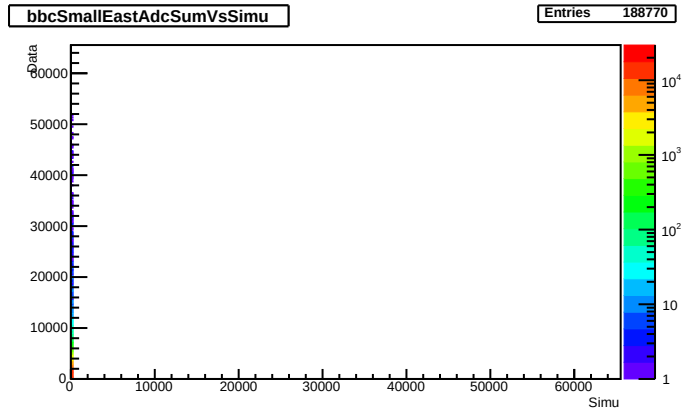

EQ3 QTB
Entries 6.476672e+07
ADC
QT Input Channel

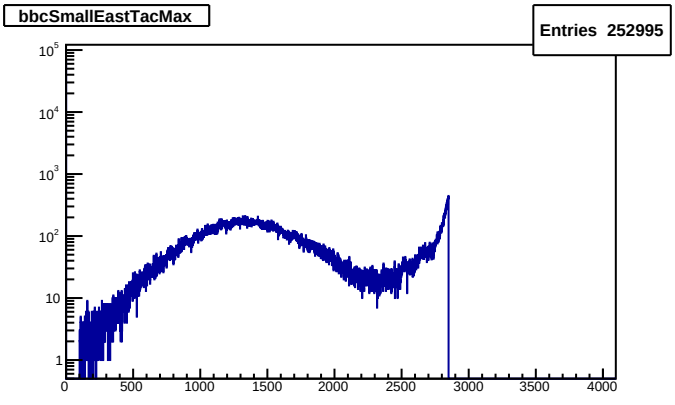

EQ3 QTB
Entries 1.899637e+07
TDC
QT Input Channel

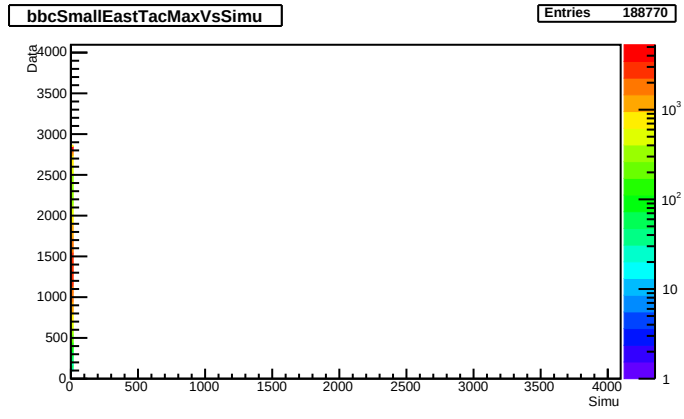

EQ3 QTC
Entries 2.428752e+07
ADC
QT Input Channel

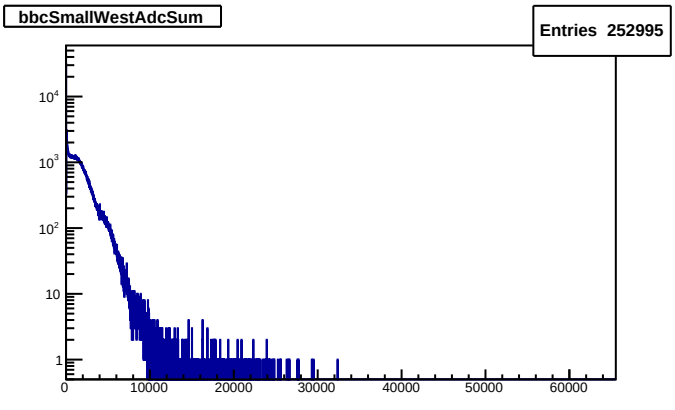

EQ3 QTC
Entries 2.428752e+07
TADC
QT Input Channel

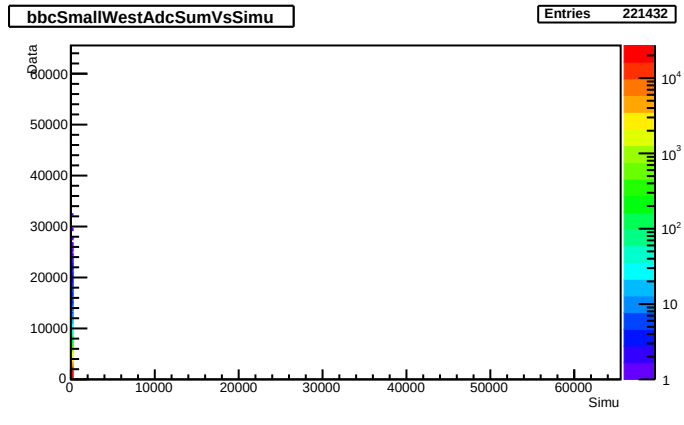

bbcSmallEastAdcSum
Entries 252995

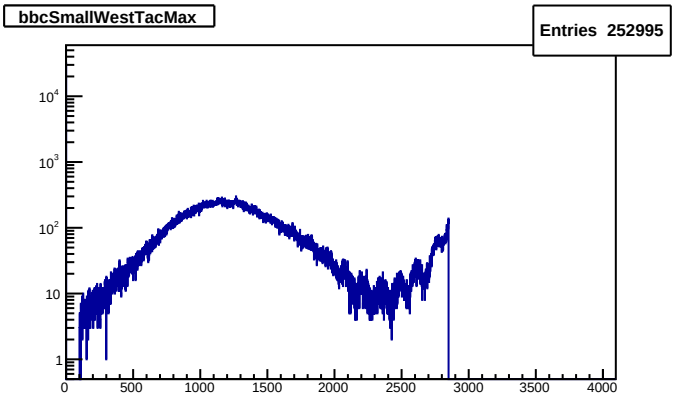

bbcSmallEastAdcSumVsSimu
Entries 188770
Data
Simu

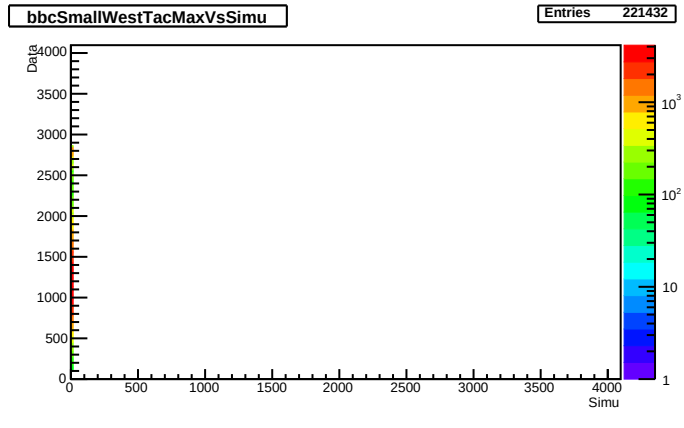

bbcSmallEastTacMax
Entries 252995

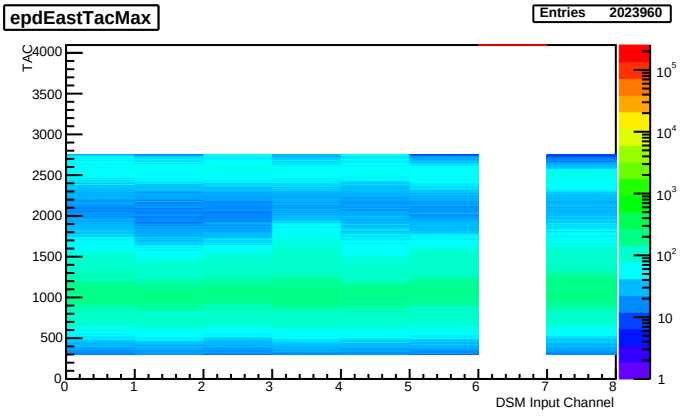

bbcSmallEastTacMaxVsSimu
Entries 188770
Data
Simu

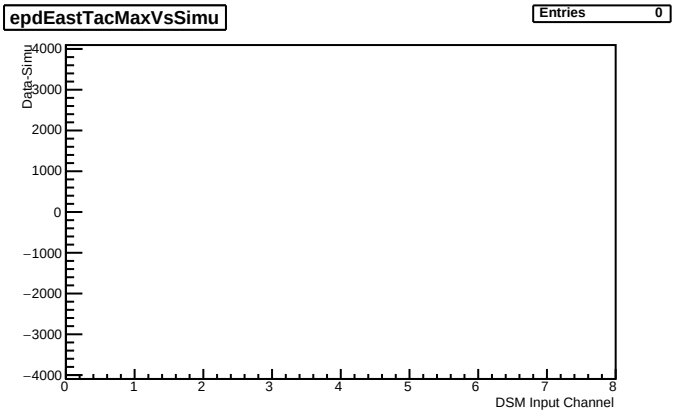

bbcSmallWestAdcSum
Entries 252995

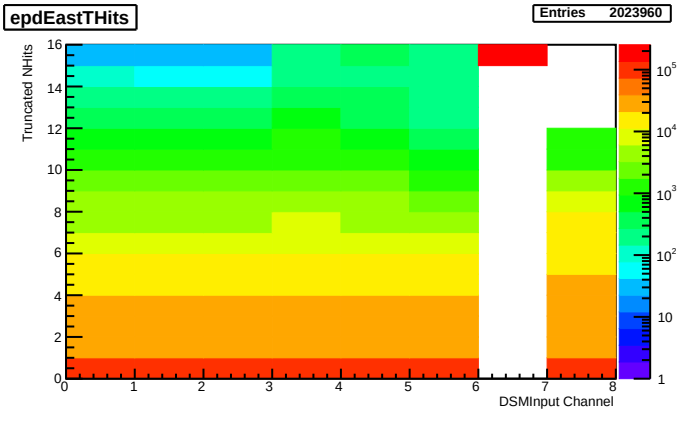

bbcSmallWestAdcSumVsSimu
Entries 221432
Data
Simu

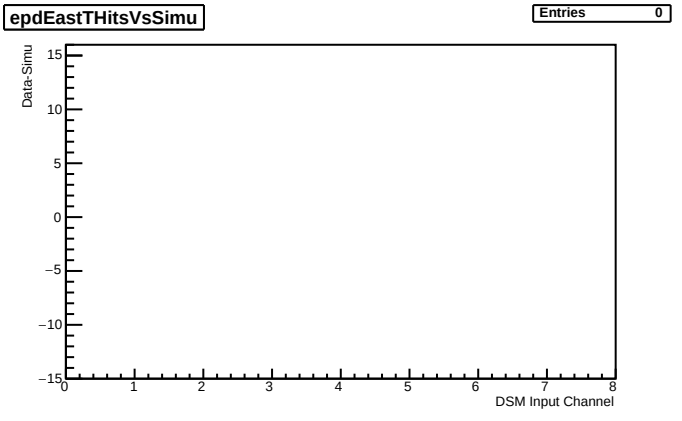

bbcSmallWestTacMax
Entries 252995

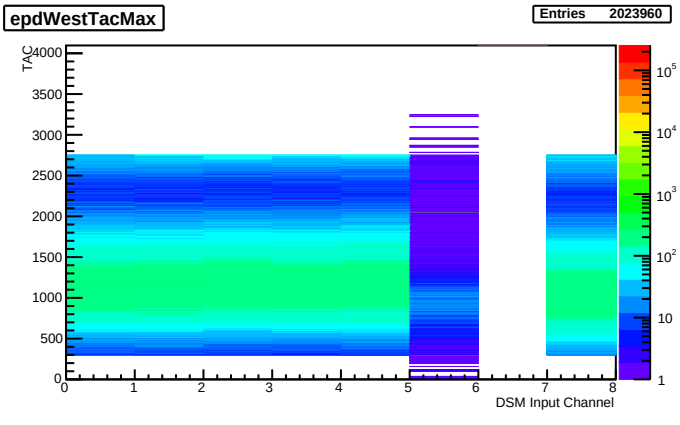

bbcSmallWestTacMaxVsSimu
Entries 221432
Data
Simu

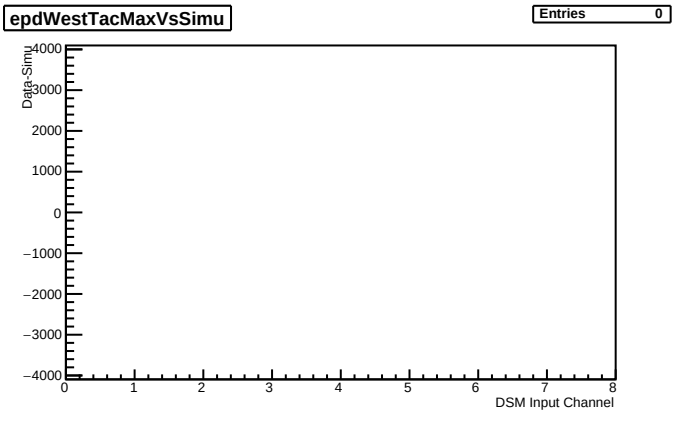

epdEastTacMax
Entries 2023960
TAC
DSM Input Channel

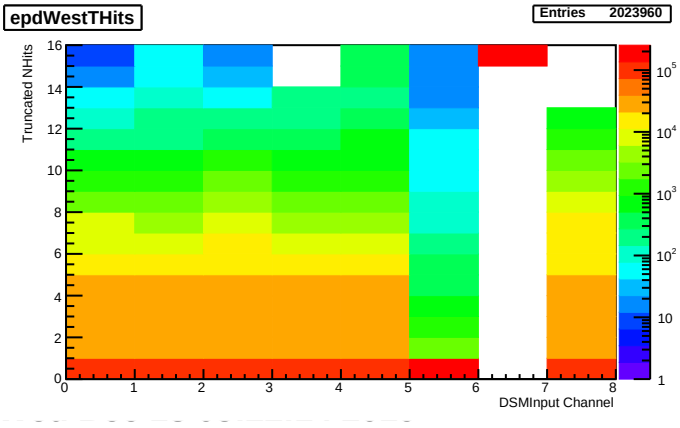

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

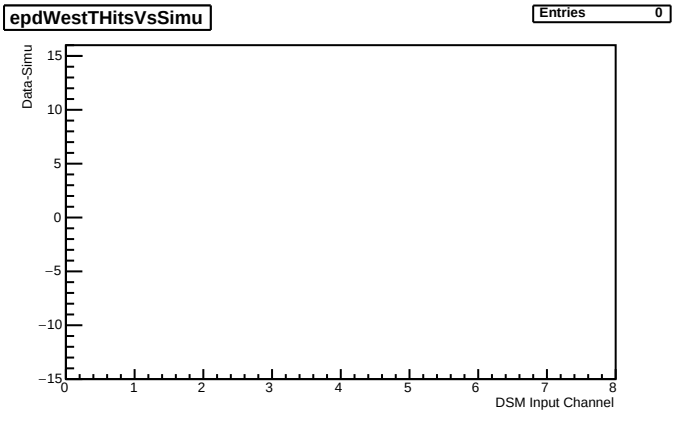

epdEastTHits
Entries 2023960
Truncated NHits
DSMInput Channel

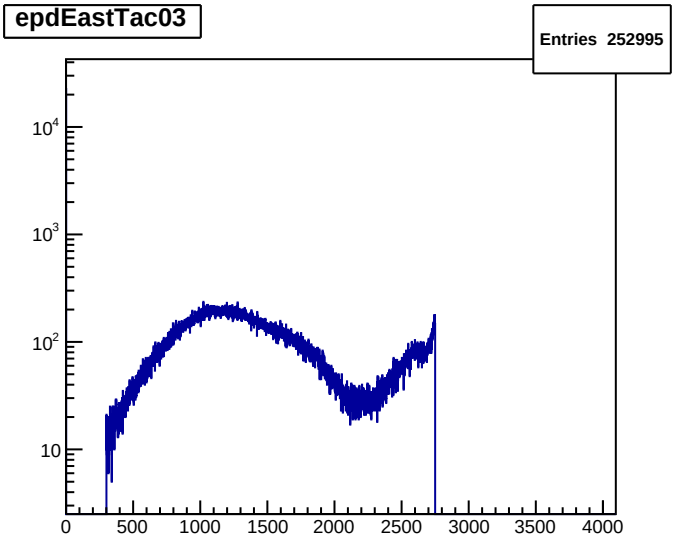

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

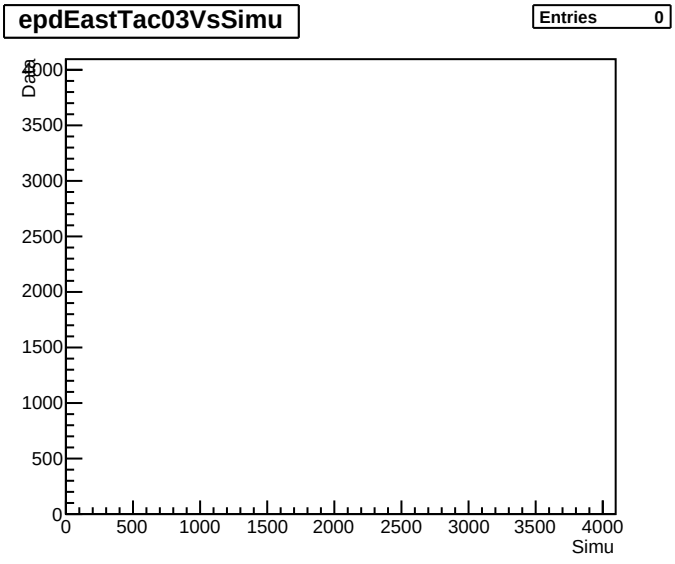

epdWestTacMax
Entries 2023960
TAC
DSM Input Channel

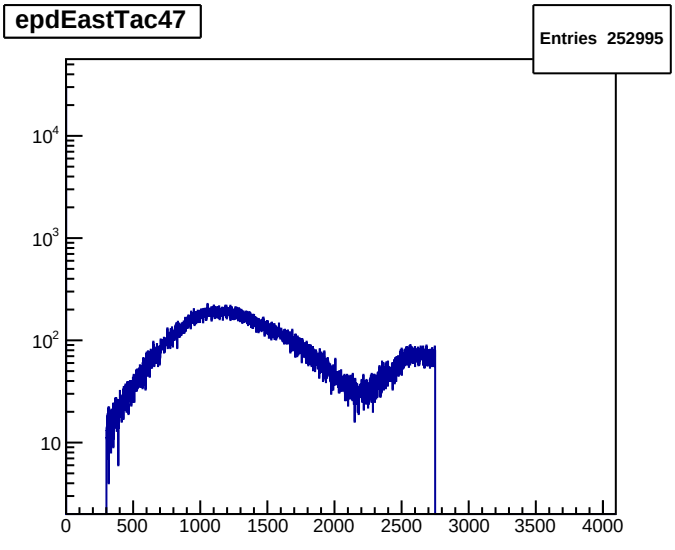

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

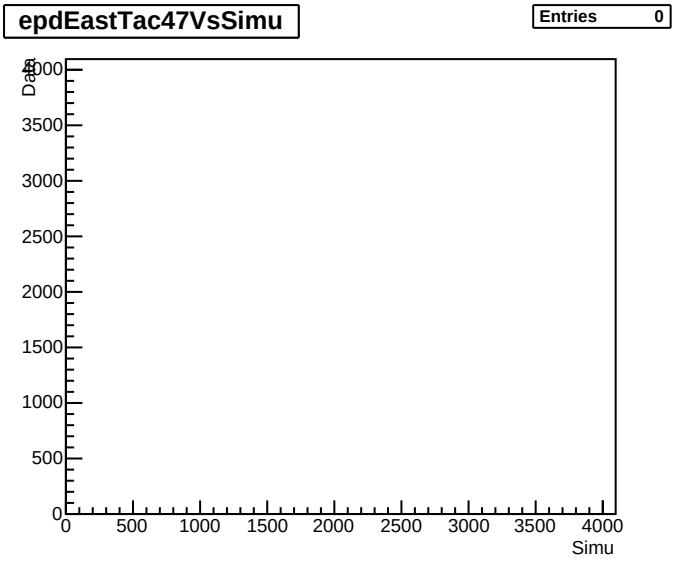

epdWestTHits
Entries 2023960
Truncated NHits
DSMInput Channel

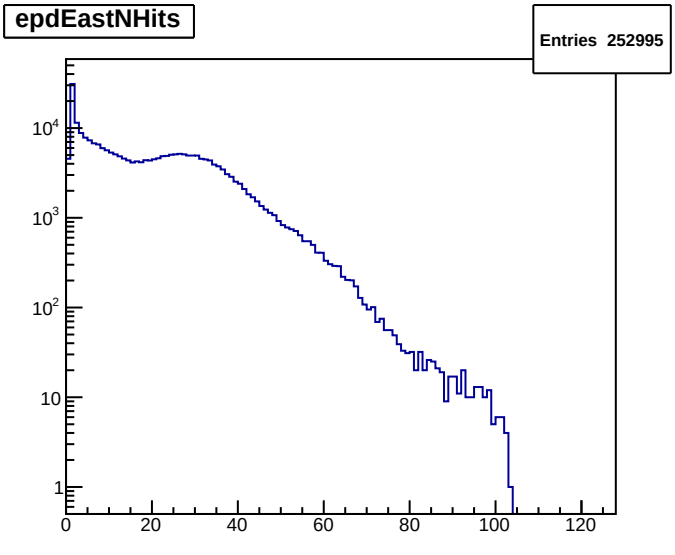

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

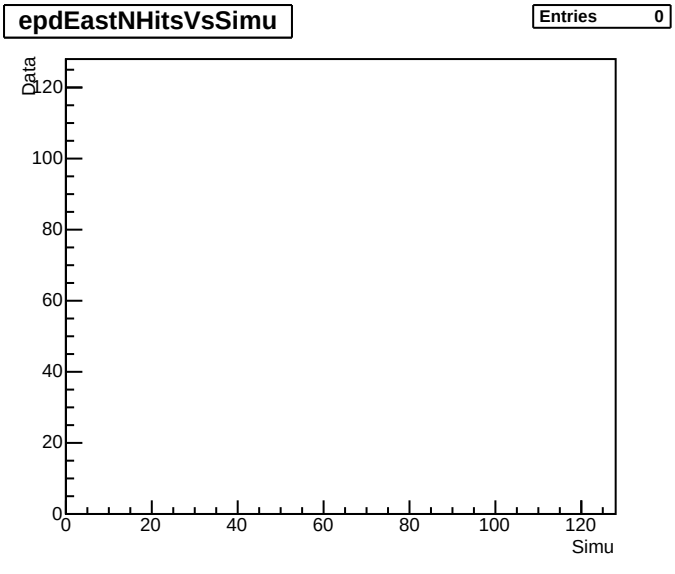

epdEastTac03
Entries 252995

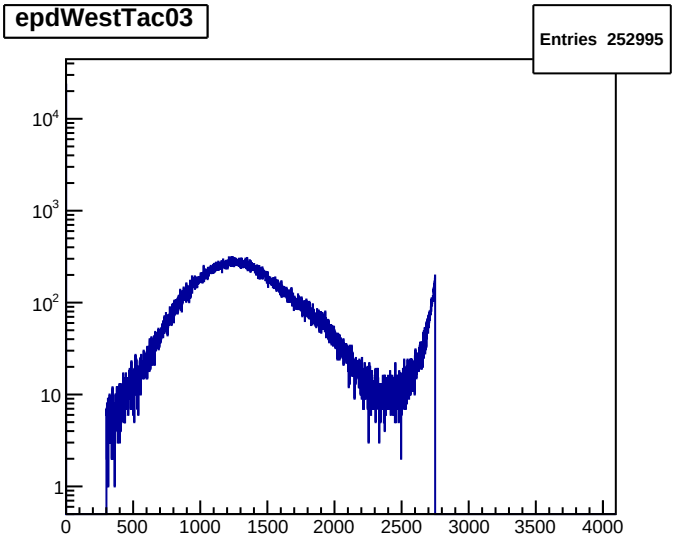

epdEastTac03VsSimu
Entries 0
Data
Simu

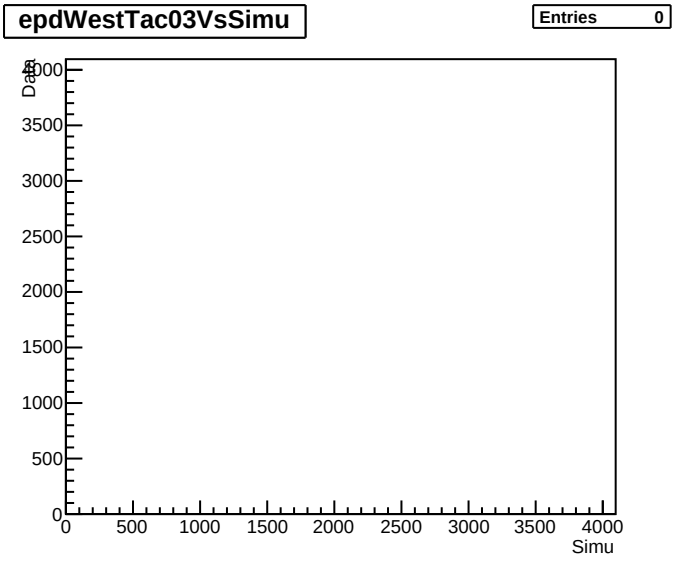

epdEastTac47
Entries 252995

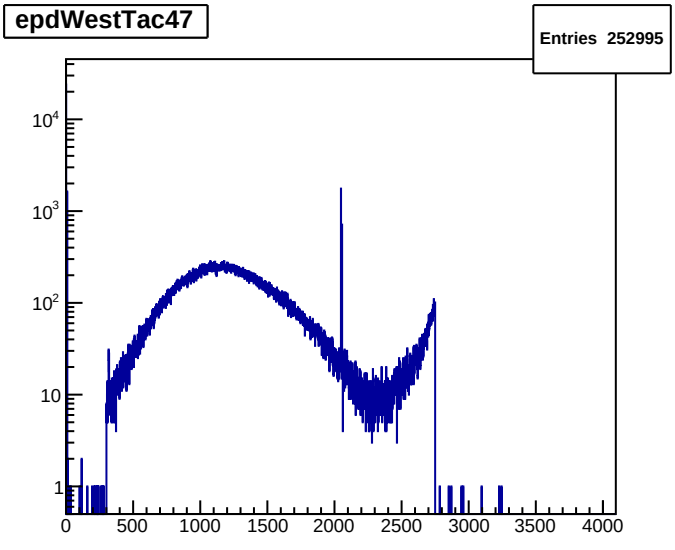

epdEastTac47VsSimu
Entries 0
Data
Simu

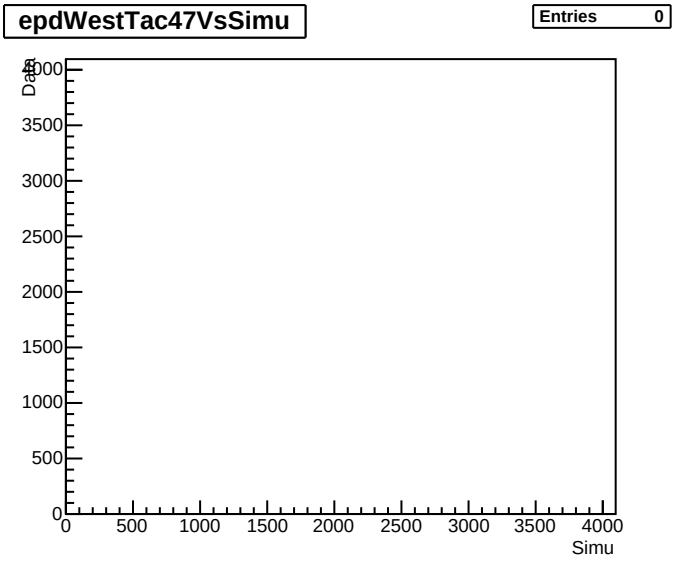

epdEastNHits
Entries 252995

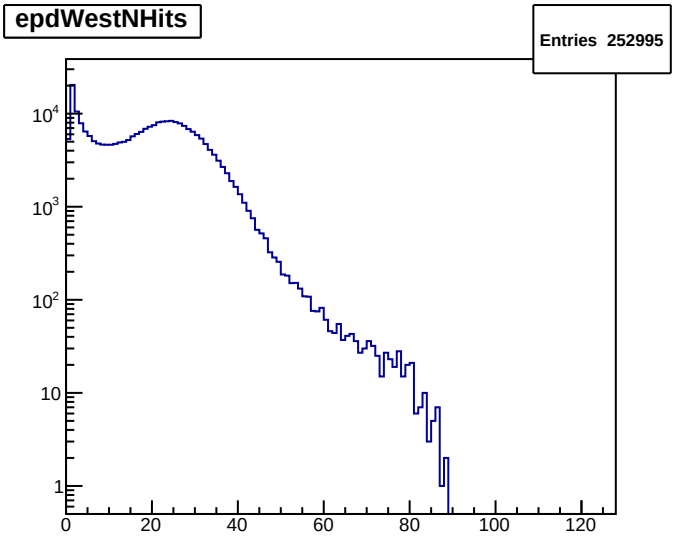

epdEastNHitsVsSimu
Entries 0
Data
Simu

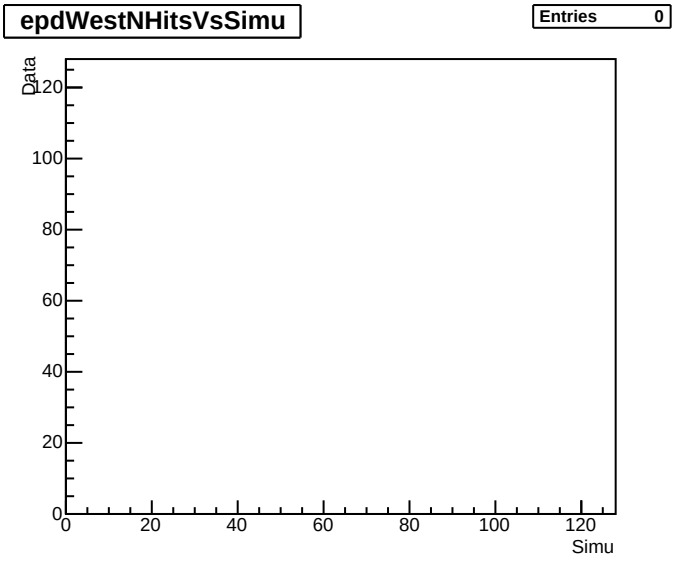

epdWestTac03
Entries 252995

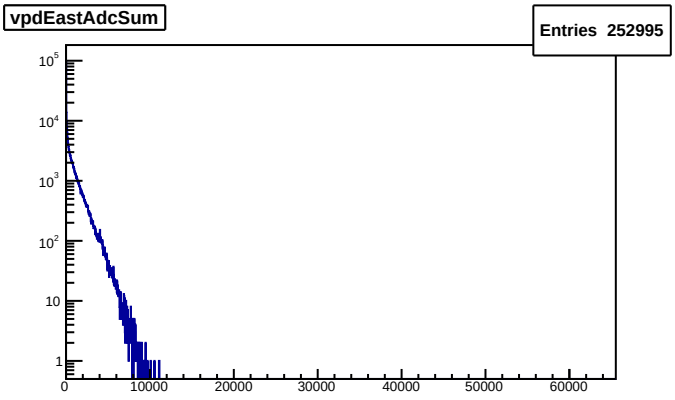

epdWestTac03VsSimu
Entries 0
Data
Simu

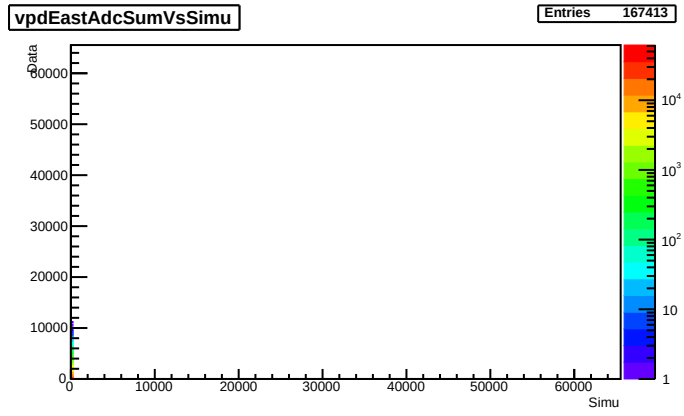

epdWestTac47
Entries 252995

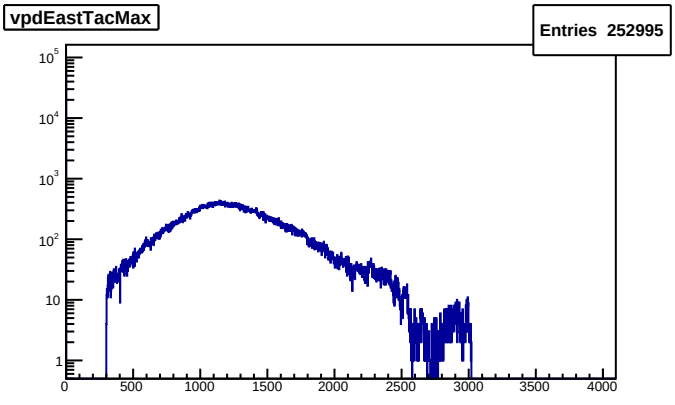

epdWestTac47VsSimu
Entries 0
Data
Simu

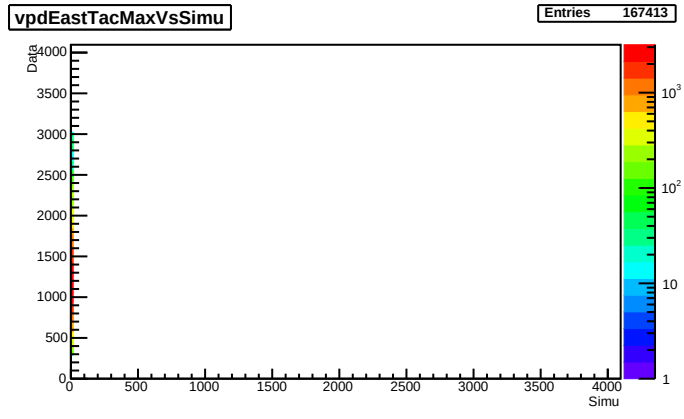

epdWestNHits
Entries 252995

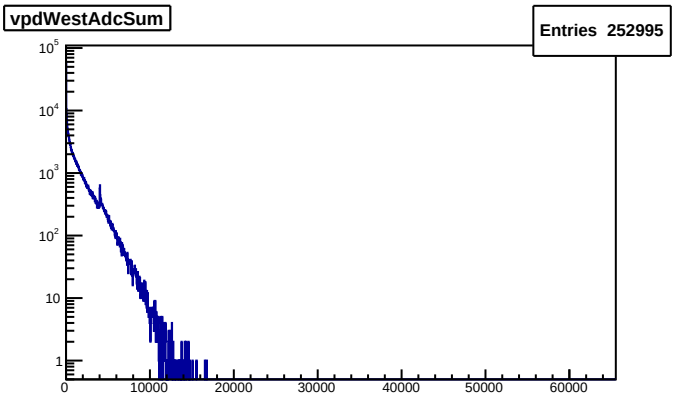

epdWestNHitsVsSimu
Entries 0
Data
Simu

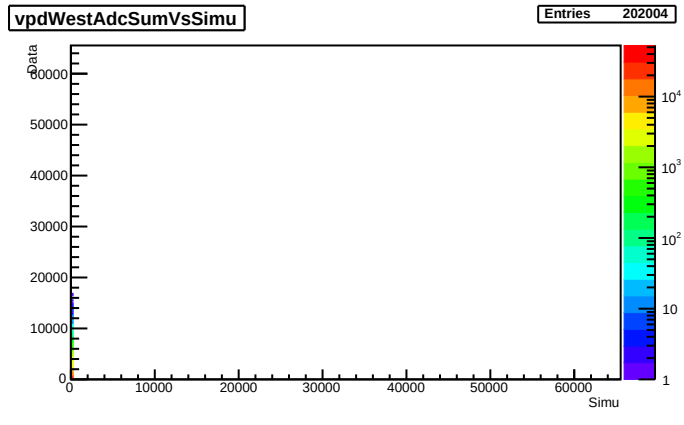

vpdEastAdcSum
Entries 252995

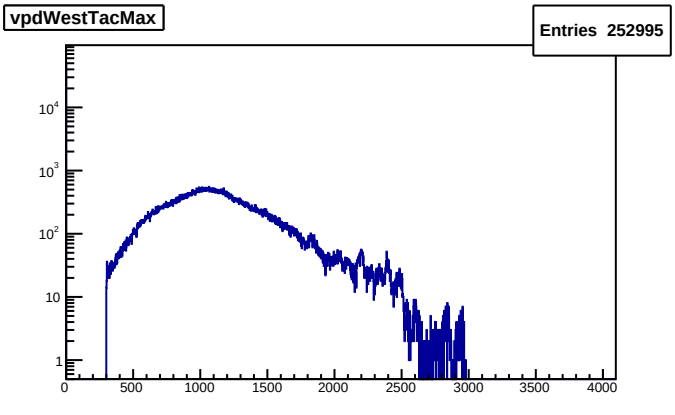

vpdEastAdcSumVsSimu
Entries 167413
Data
Simu

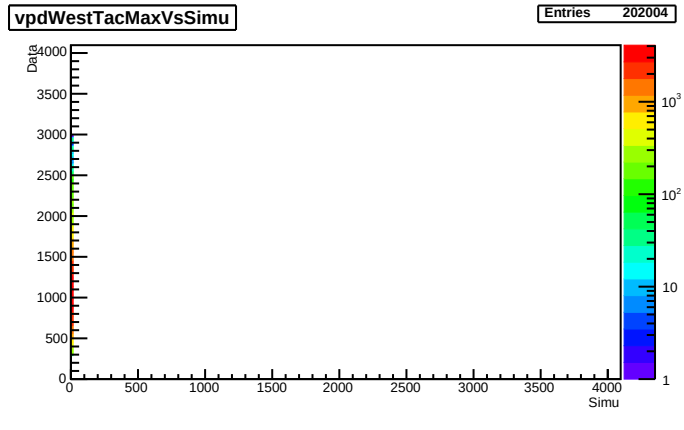

vpdEastTacMax
Entries 252995

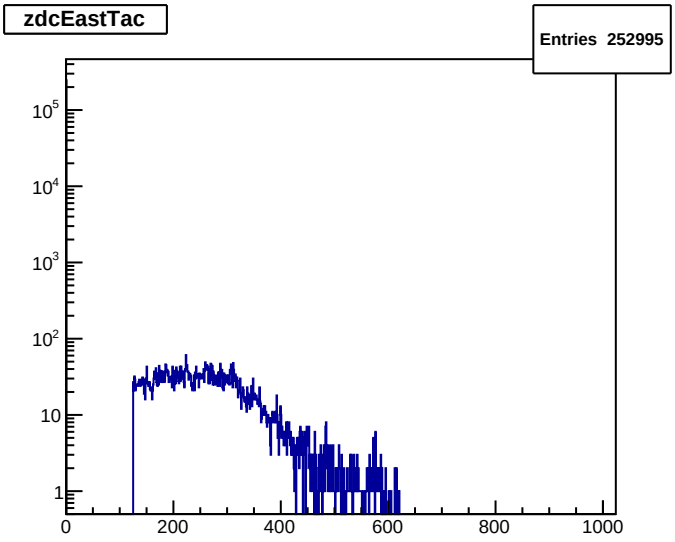

vpdEastTacMaxVsSimu
Entries 167413
Data
Simu

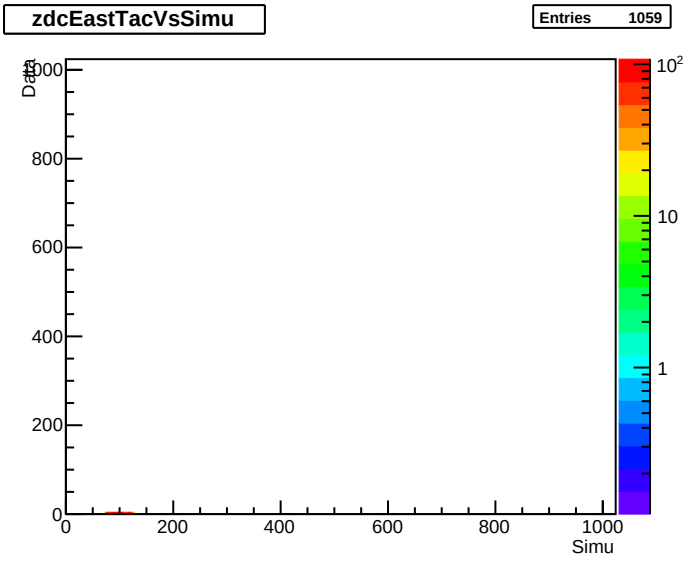

vpdWestAdcSum
Entries 252995

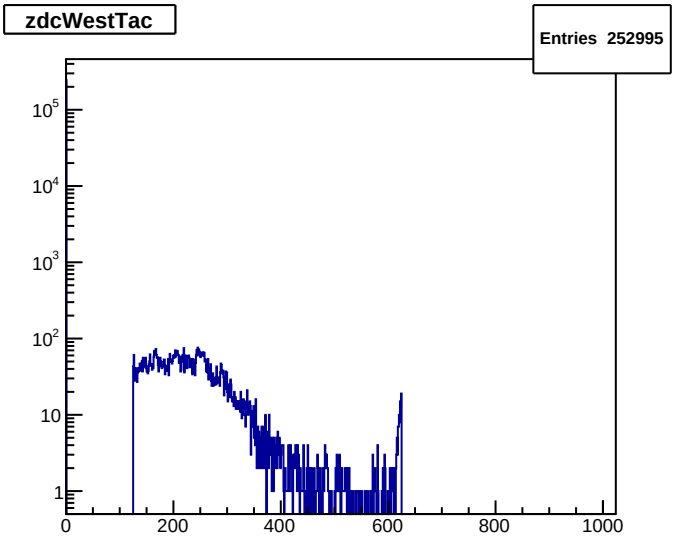

vpdWestAdcSumVsSimu
Entries 202004
Data
Simu

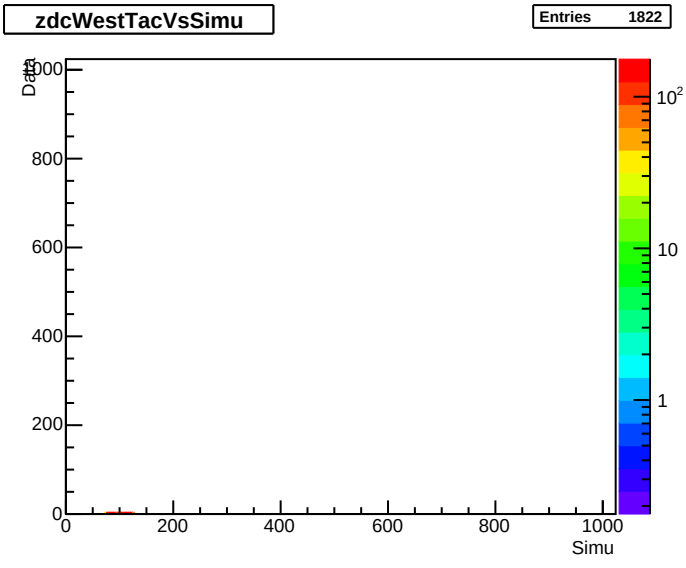

vpdWestTacMax
Entries 252995

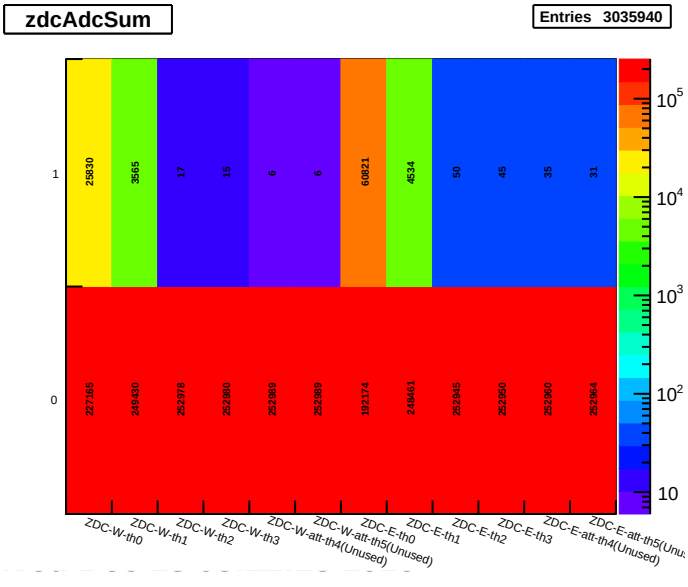

vpdWestTacMaxVsSimu
Entries 202004
Data
Simu

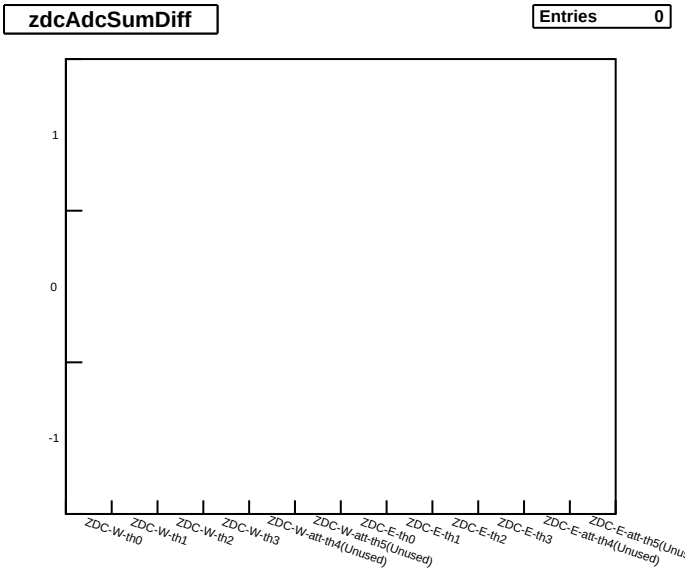

zdcEastTac
Entries 252995

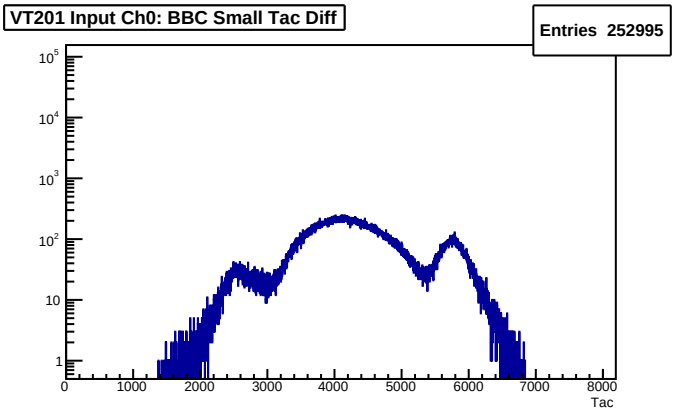

zdcEastTacVsSimu
Entries 1059
Data
Simu

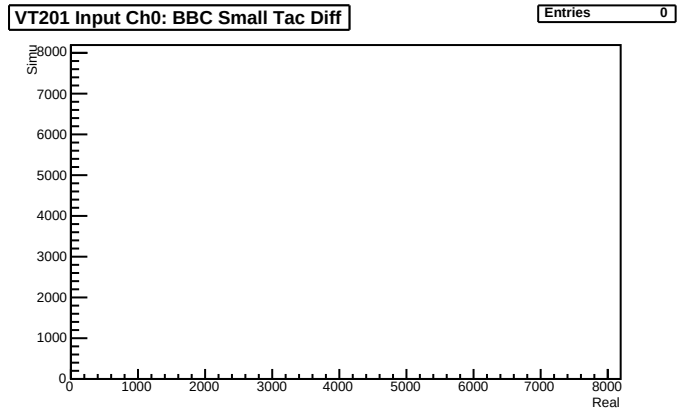

zdcWestTac
Entries 252995

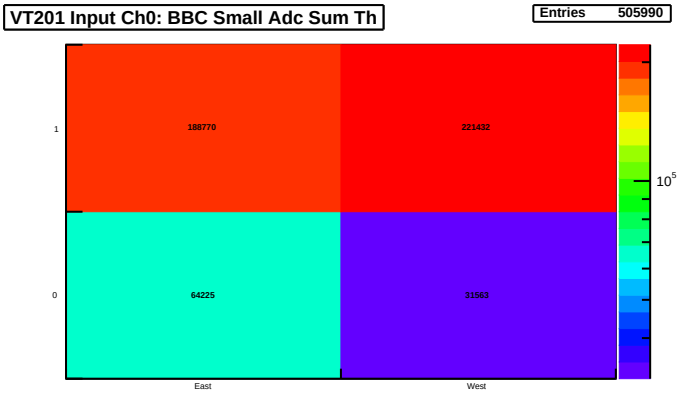

zdcWestTacVsSimu
Entries 1822
Data
Simu

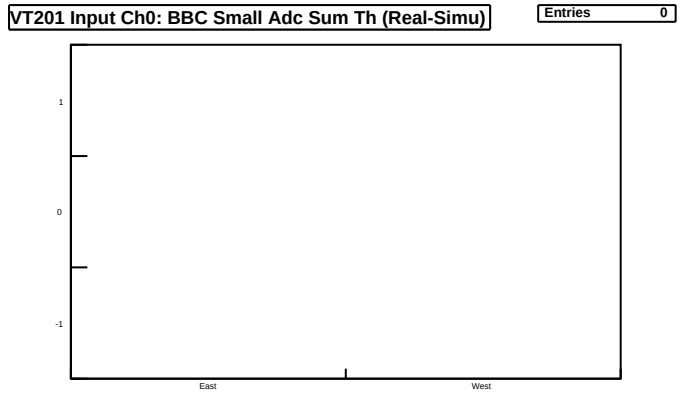

zdcAdcSum
Entries 3035940
25830
3565
17
15
6
6
60821
4534
50
45
35
31
227165
249430
252978
252980
252989
252989
192174
248461
252945
252950
252960
252984
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

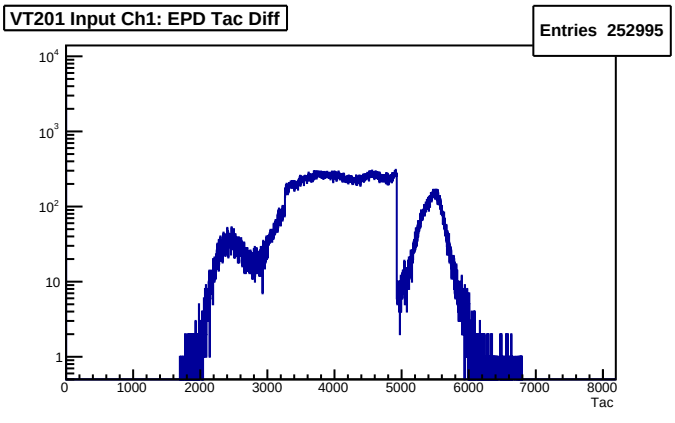

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

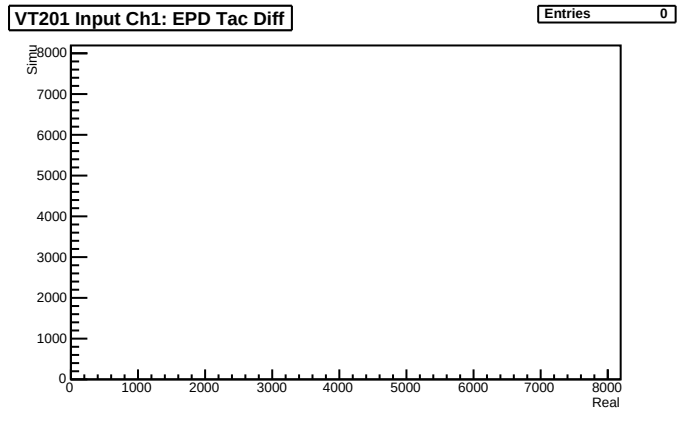

VT201 Input Ch0: BBC Small Tac Diff
Entries 252995
Tac

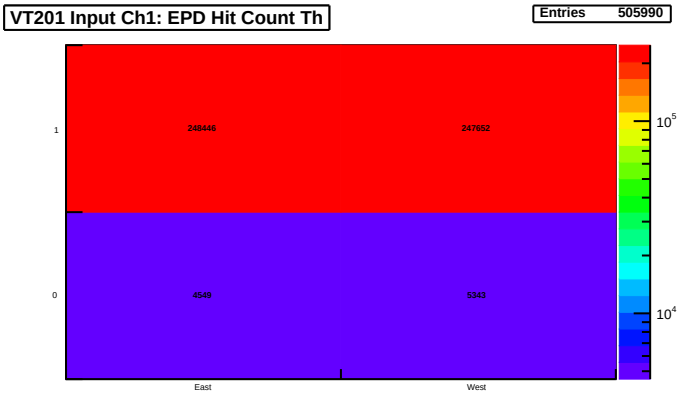

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

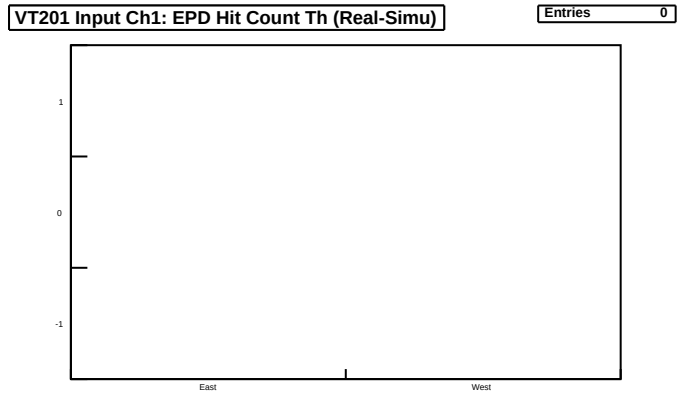

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 505990
188770
221432
64225
31563
East
West

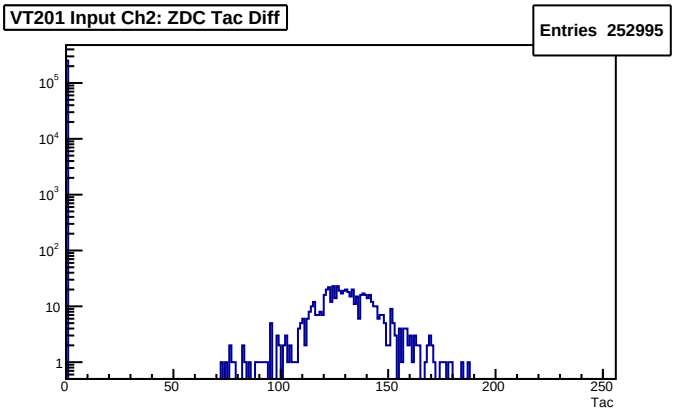

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

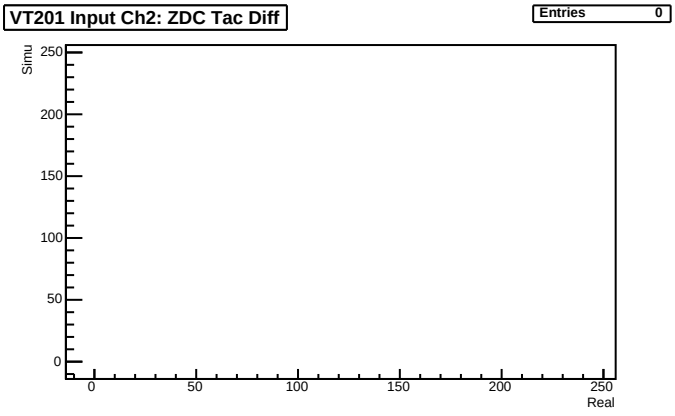

VT201 Input Ch1: EPD Tac Diff
Entries 252995
Tac

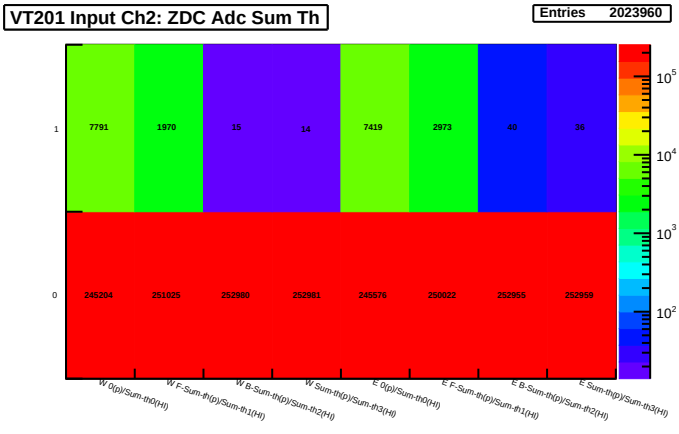

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

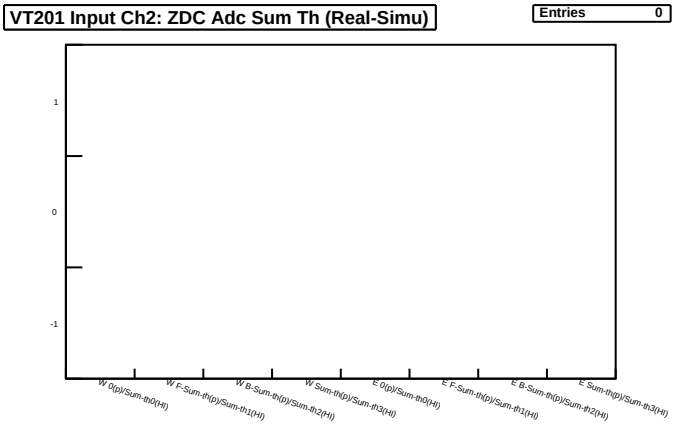

VT201 Input Ch1: EPD Hit Count Th
Entries 505990
248446
247652
4549
5343
East
West

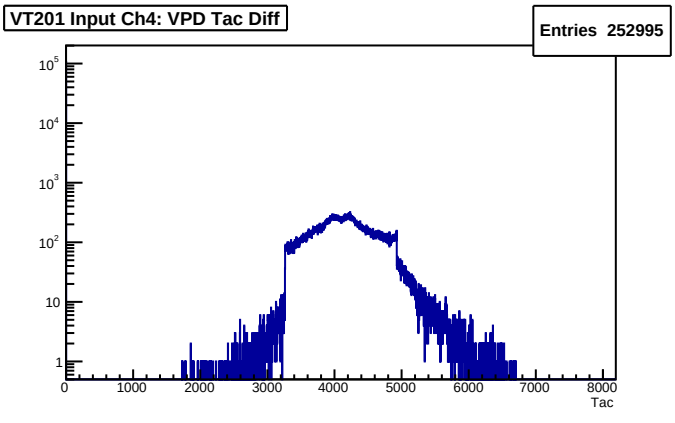

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

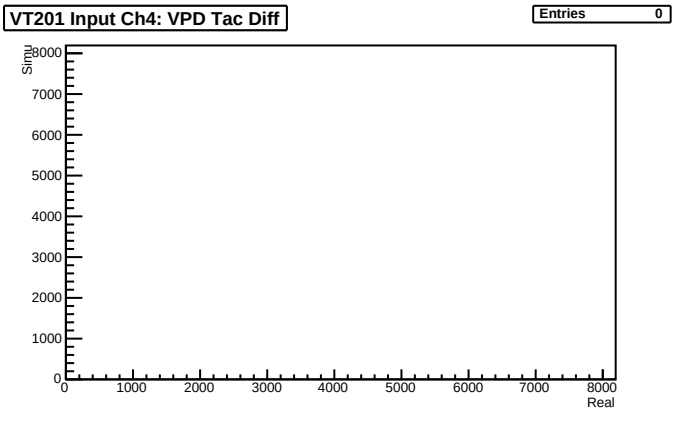

VT201 Input Ch2: ZDC Tac Diff
Entries 252995
Tac

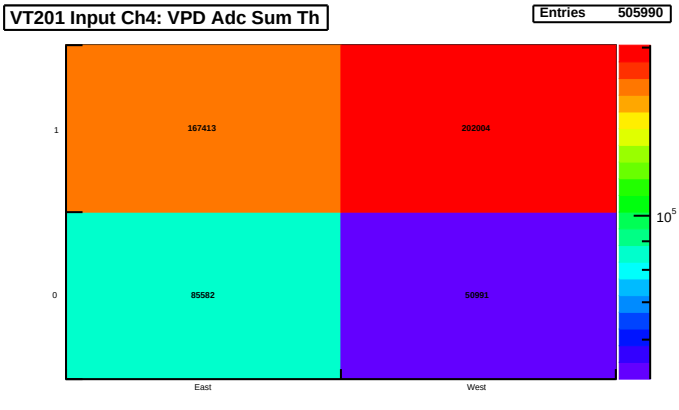

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

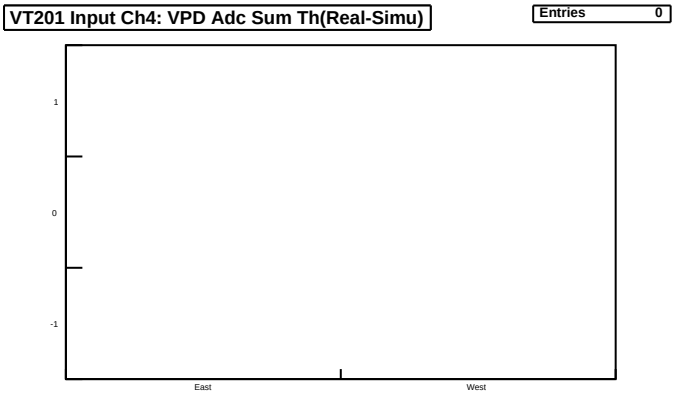

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2023960
7791
1970
15
14
7419
2973
40
36
245204
251025
252980
252981
245576
250022
252955
252959
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

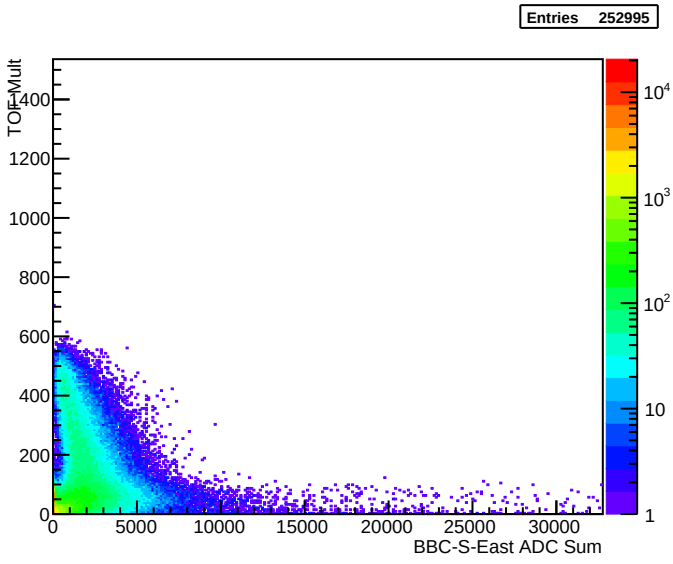

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

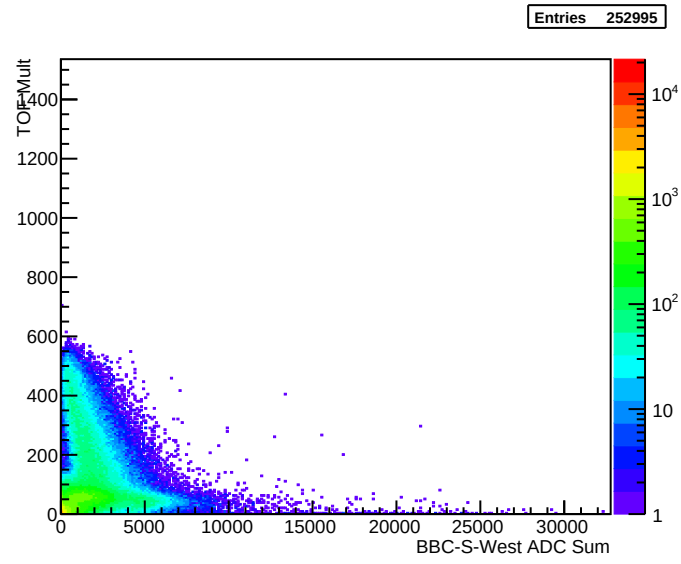

VT201 Input Ch4: VPD Tac Diff
Entries 252995
Tac

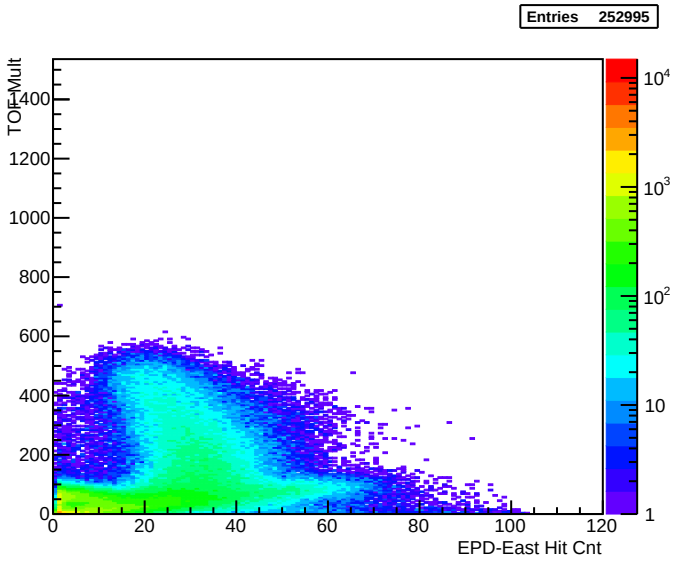

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

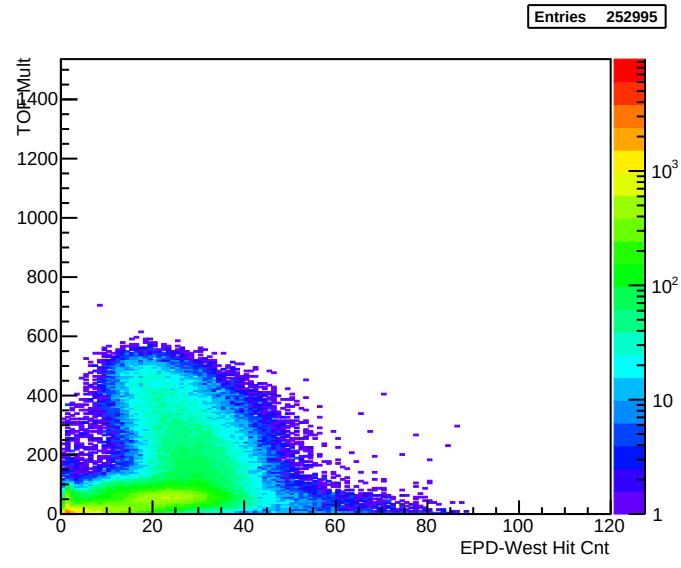

VT201 Input Ch4: VPD Adc Sum Th
Entries 505990
167413
202004
85582
50991
East
West

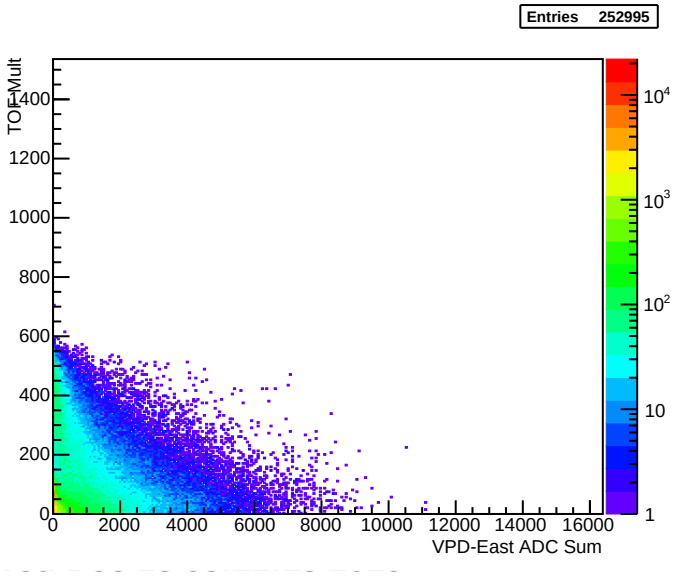

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

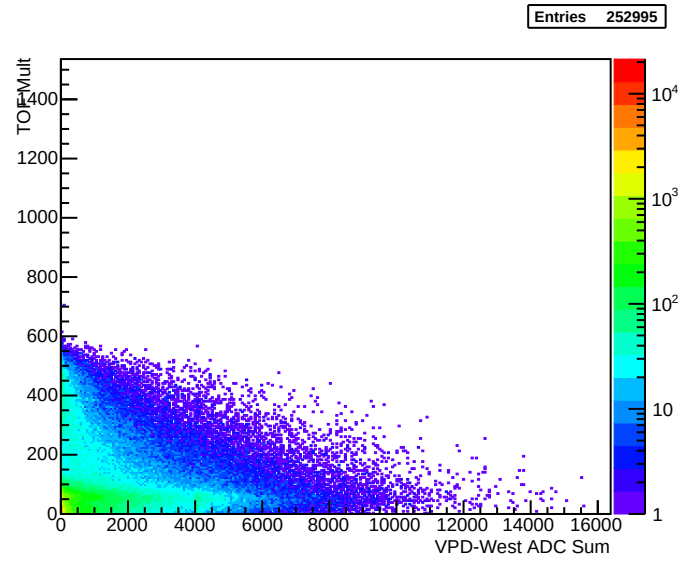

Entries 252995
TOF-Mult
BBC-S-East ADC Sum

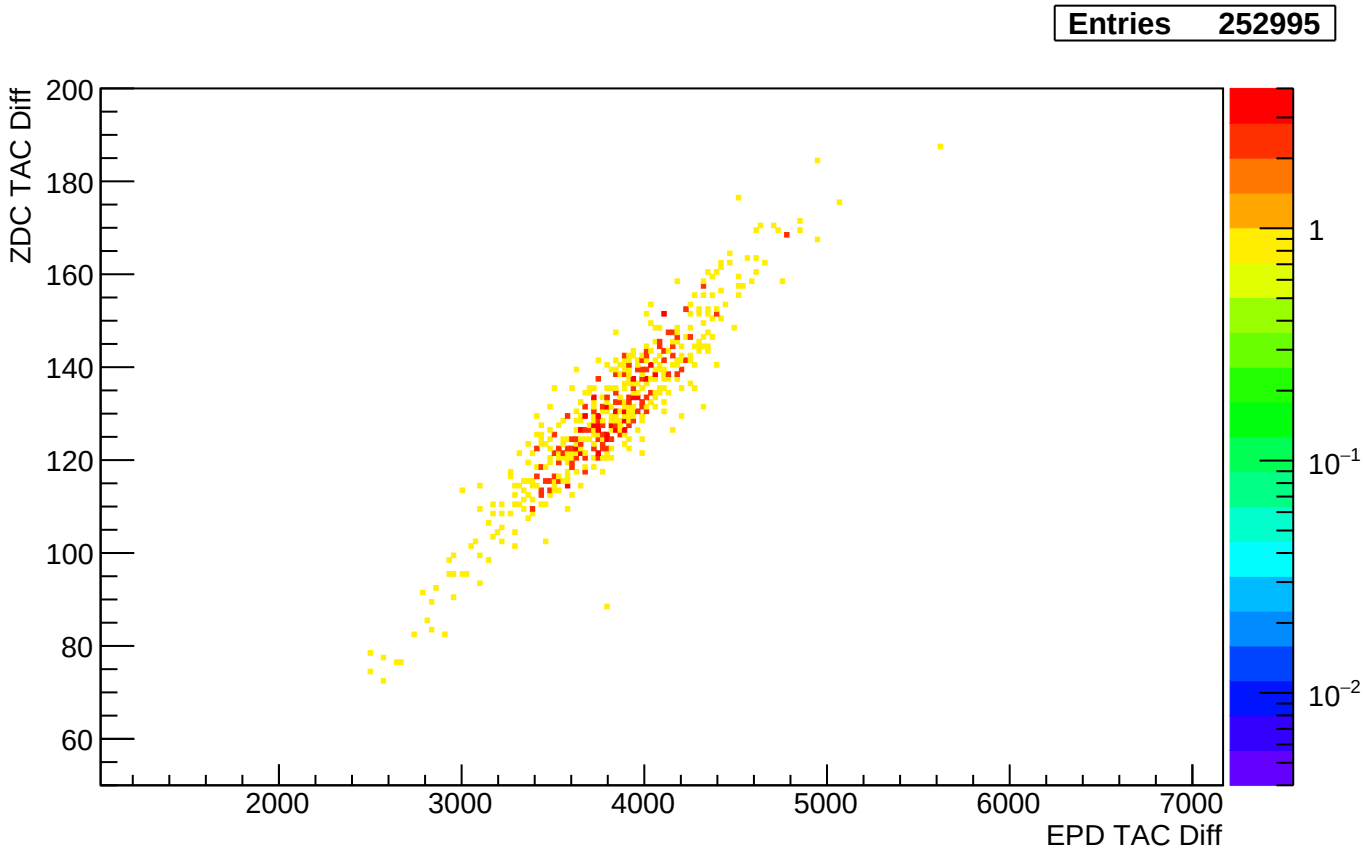

Entries 252995
TOF-Mult
BBC-S-West ADC Sum

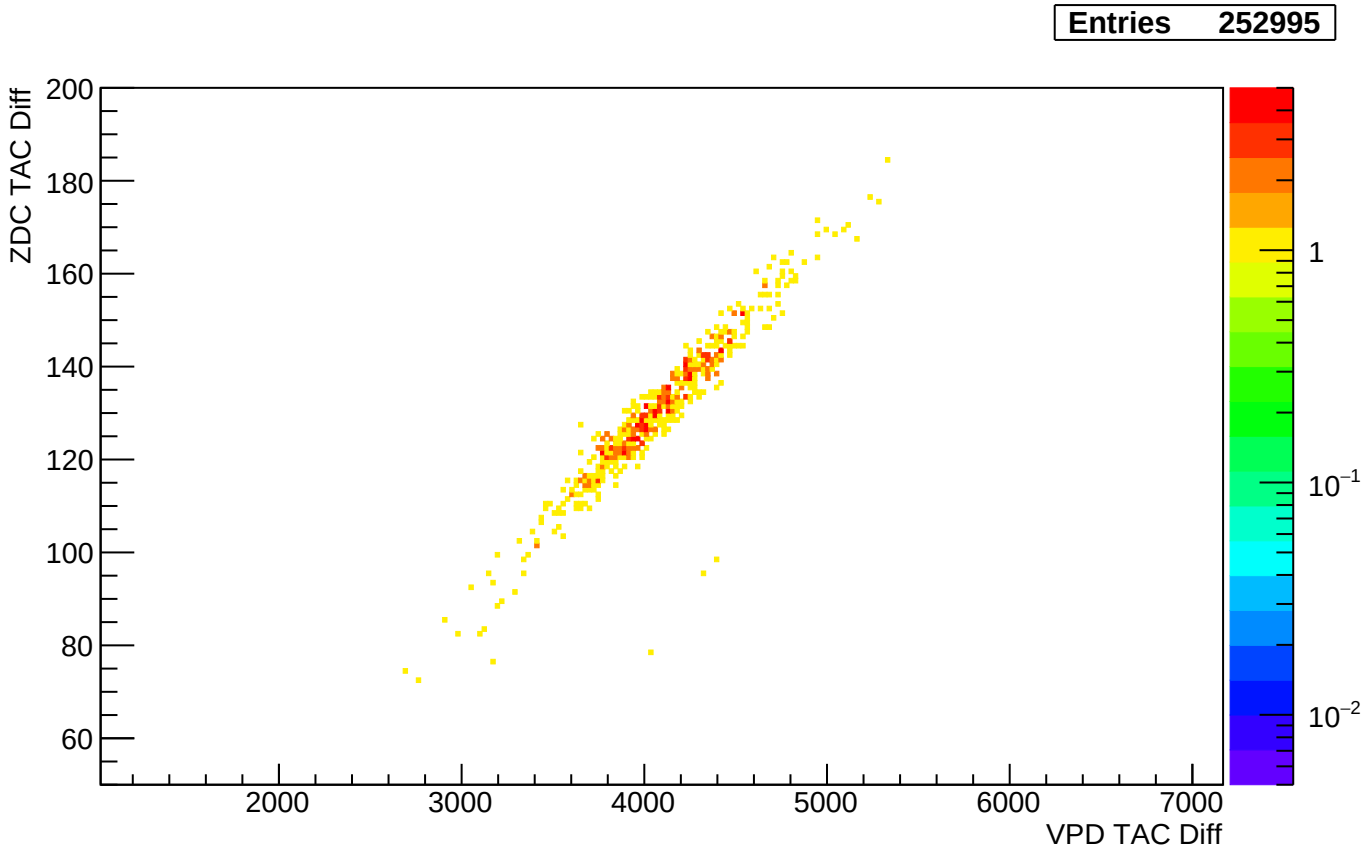

Entries 252995
TOF-Mult
EPD-East Hit Cnt

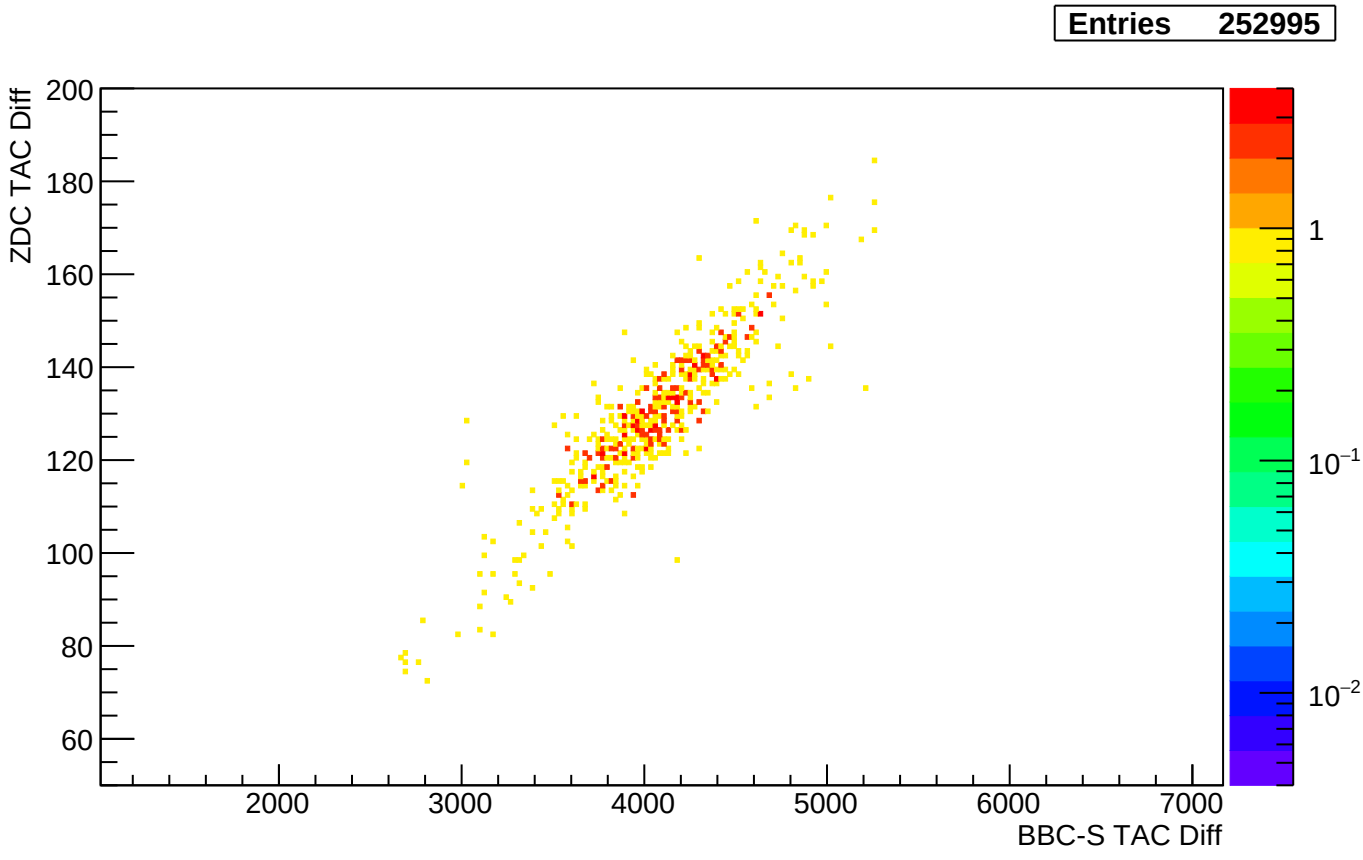

Entries 252995
TOF-Mult
EPD-West Hit Cnt

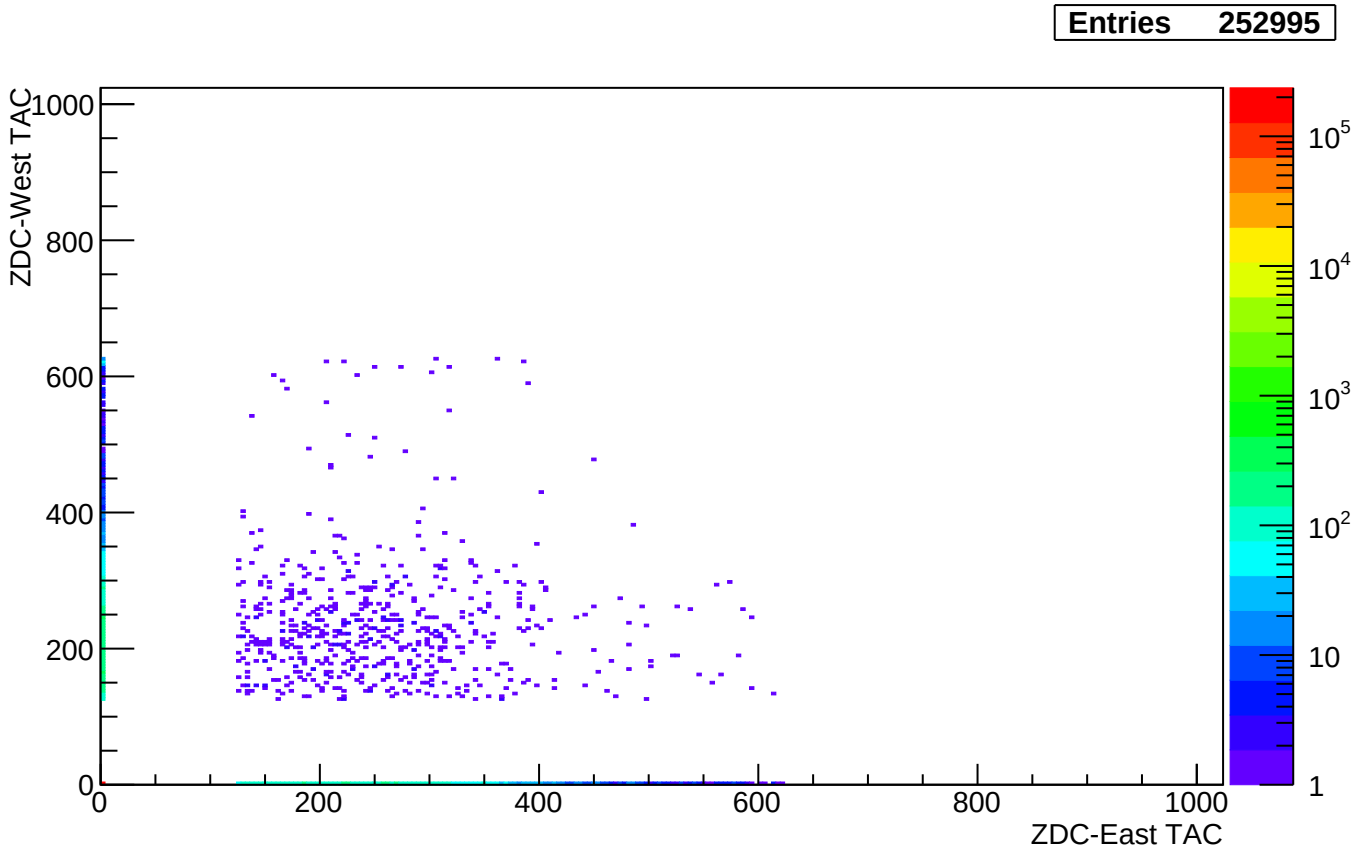

Entries 252995
TOF-Mult
VPD-East ADC Sum

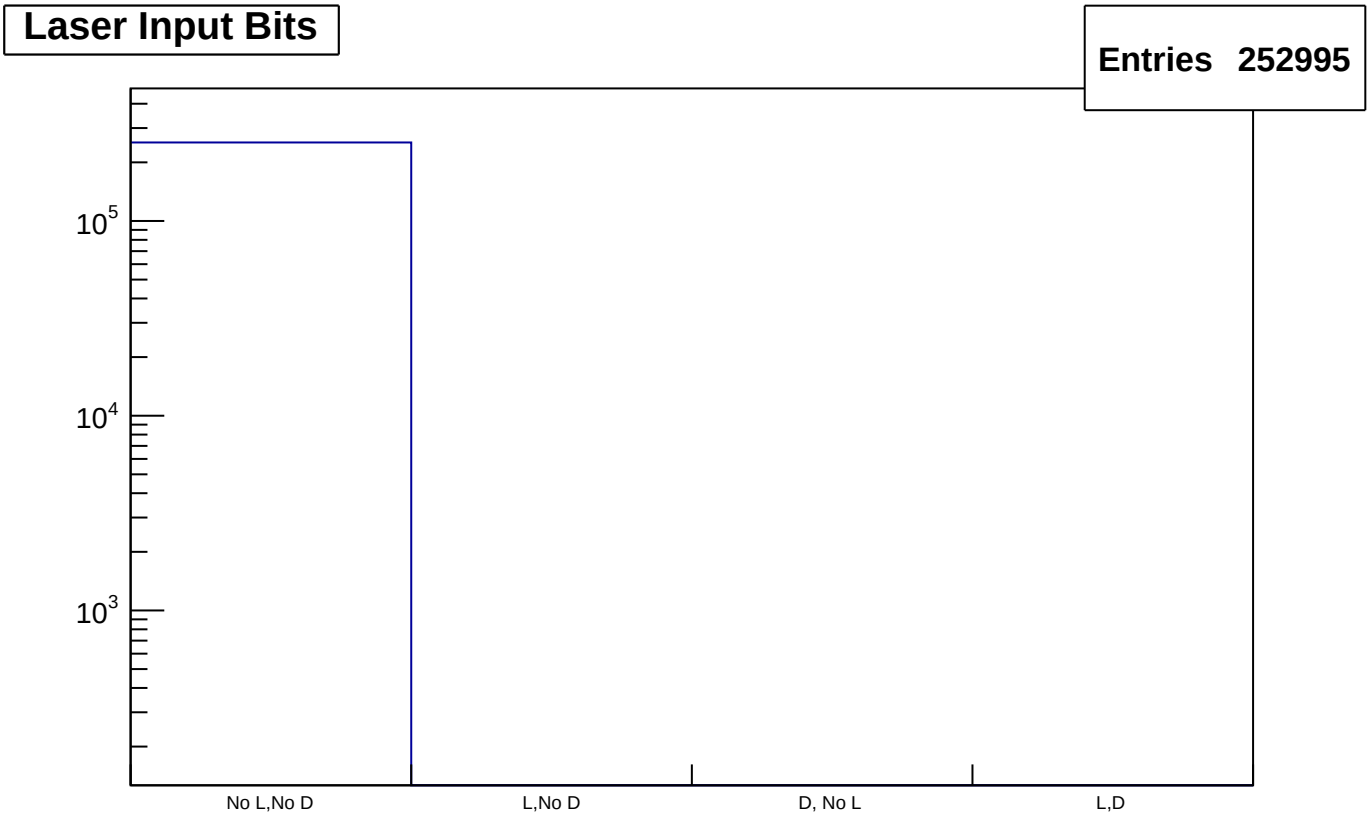

Entries 252995
TOF-Mult
VPD-West ADC Sum

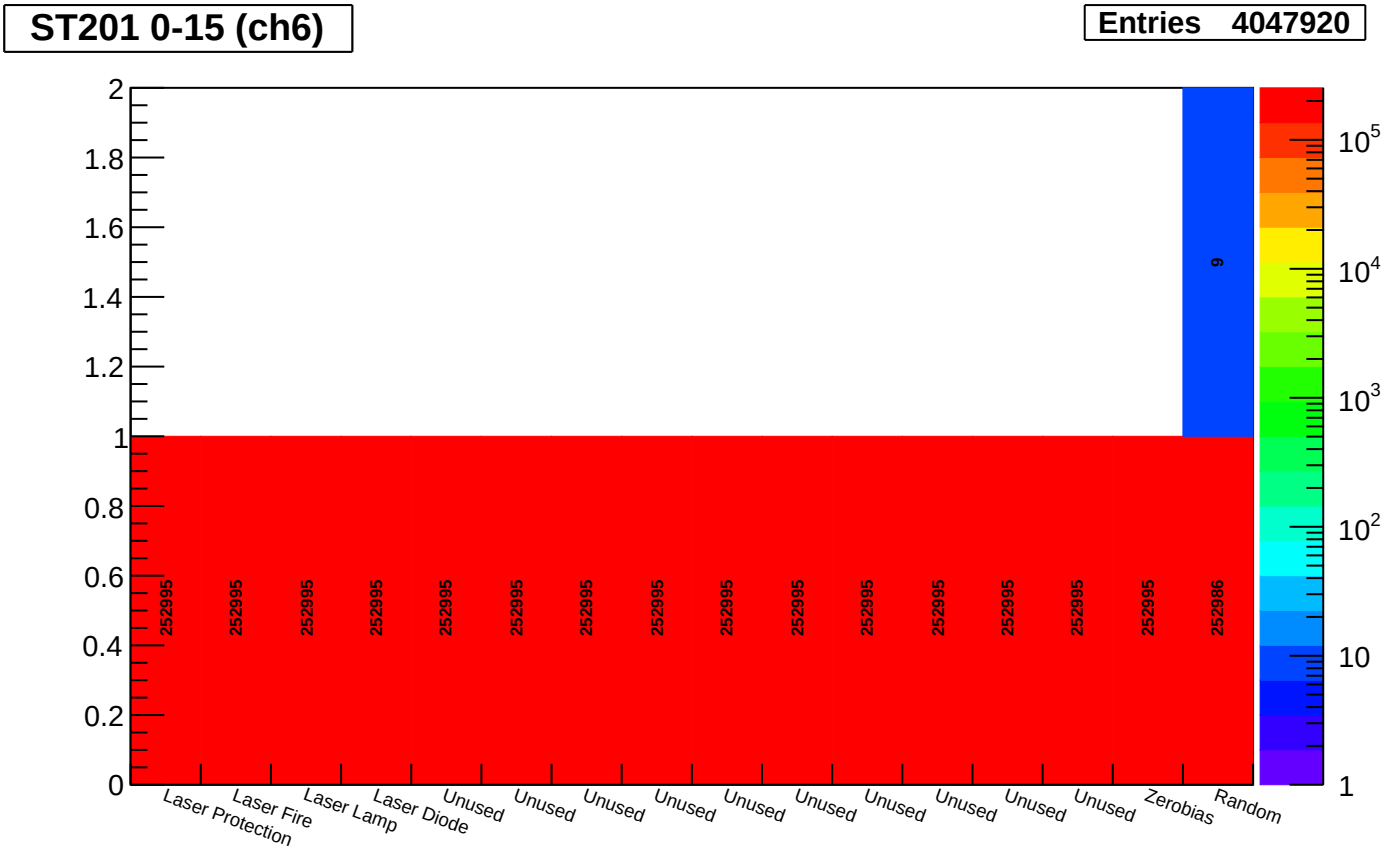

Entries 252995
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

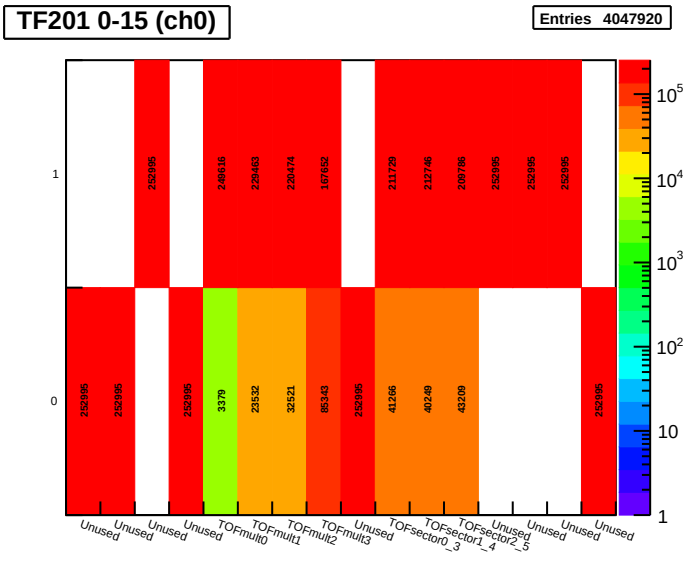

Entries 252995
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

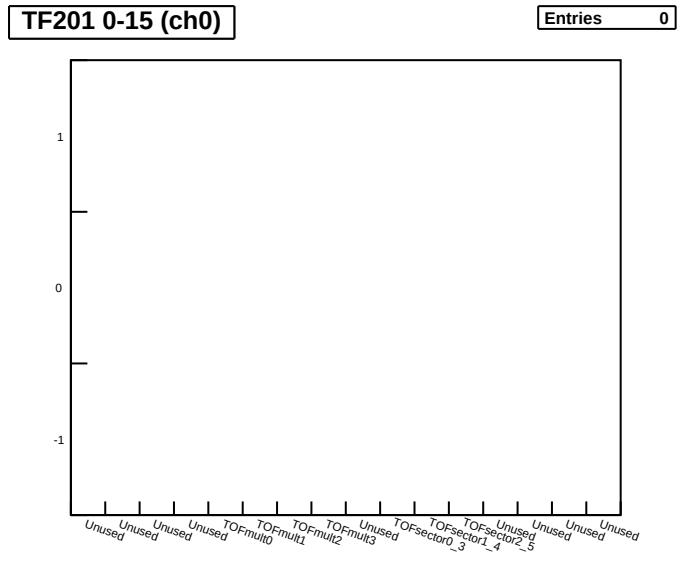

Entries 252995
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

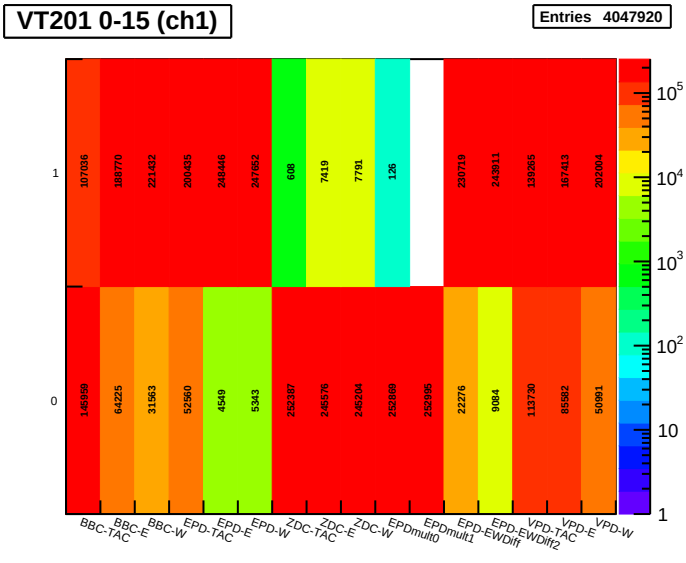

Entries 252995
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

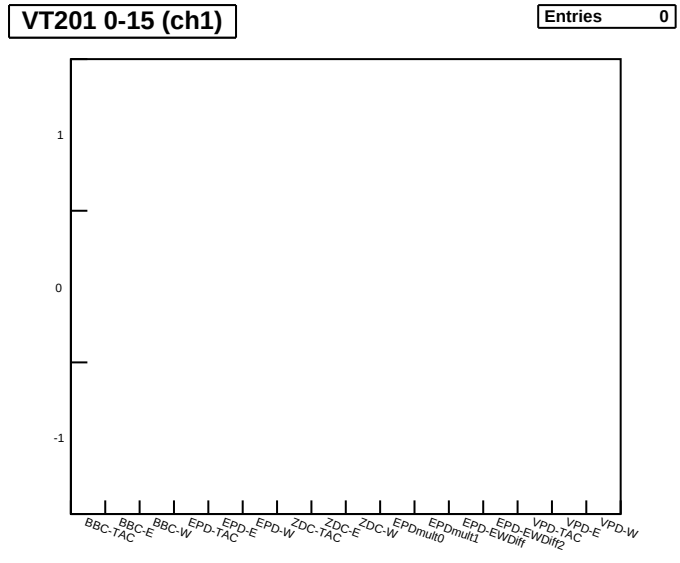

Laser Input Bits
Entries 252995
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

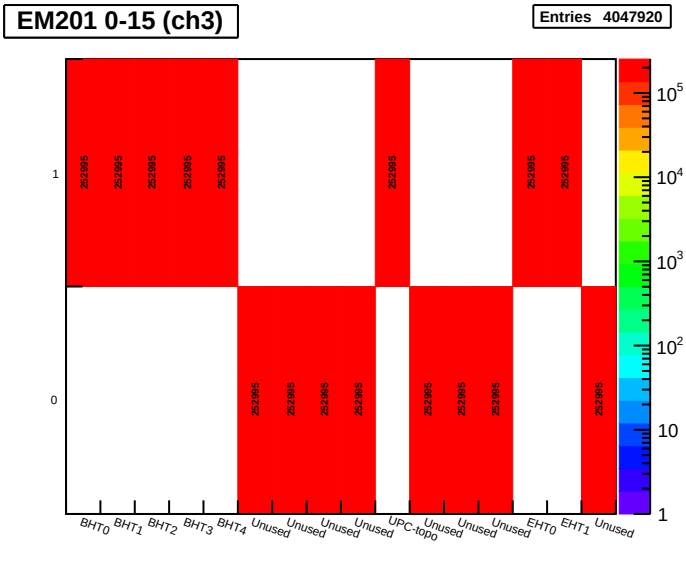

ST201 0-15 (ch6)
Entries 4047920
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
252995
252995
252995
252995
252995
252995
252995
252995
252995
252995
252995
252995
252995
252995
252995
252986
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

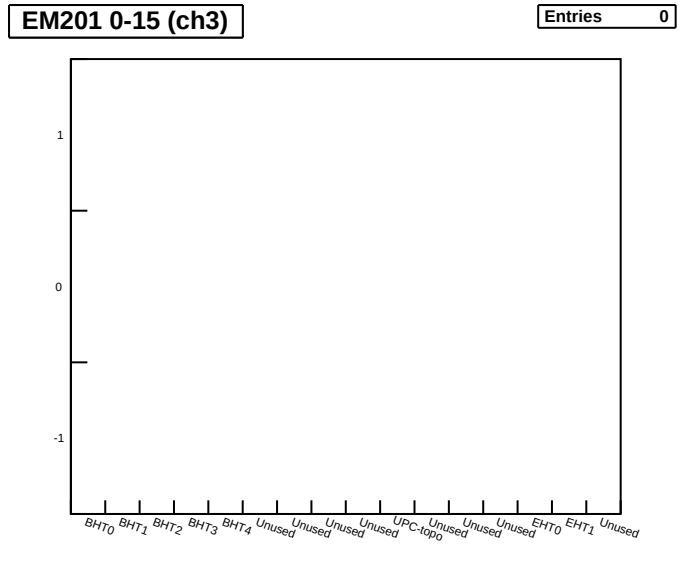

TF201 0-15 (ch0)
Entries 4047920
1
0
252995 252995 252995 3379 23532 32521 85343 252995 41266 40249 43209 252995
252995 249616 229463 220474 167652 211729 212746 209768 252995 252995 252995
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 4047920
1
0
107036 188770 221432 200435 248446 247652 608 7419 7791 126 230719 243911 139265 167413 202004
145959 64225 31563 52560 4549 5343 252387 245576 245204 252869 252995 22276 9084 113730 85582 50991
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
10^5 10^4 10^3 10^2 10 1


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


EM201 0-15 (ch3)
Entries 4047920
1
0
252995 252995 252995 252995 252995 252995 252995 252995 252995 252995 252995 252995 252995 252995 252995 252995 252995 252995
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
10^5 10^4 10^3 10^2 10 1


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