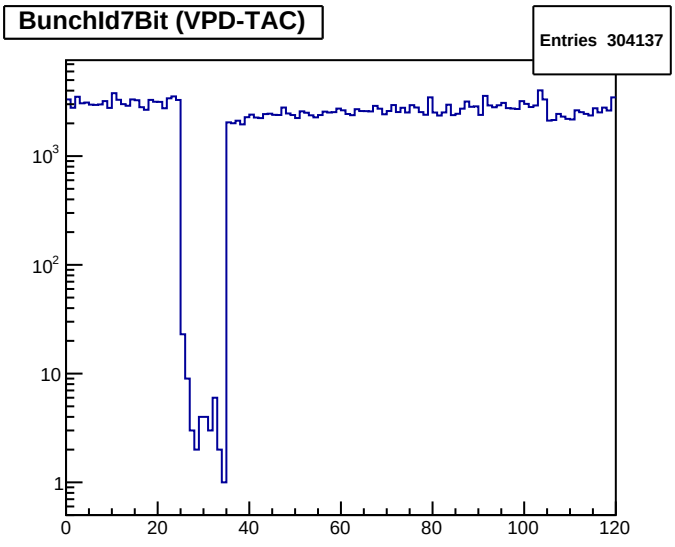
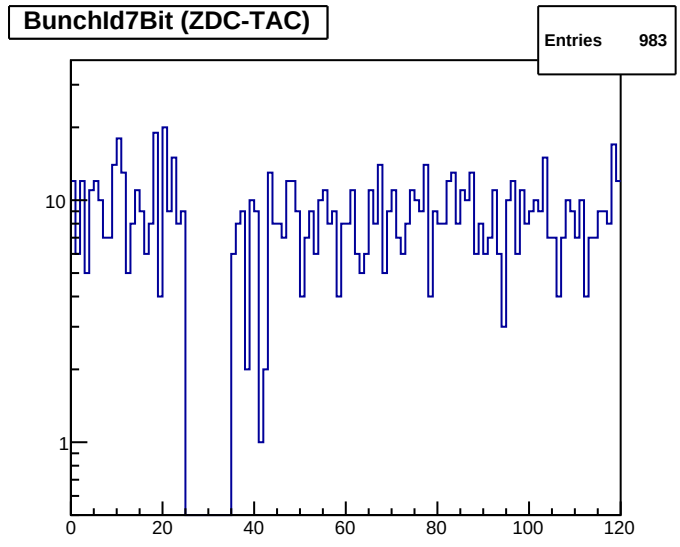
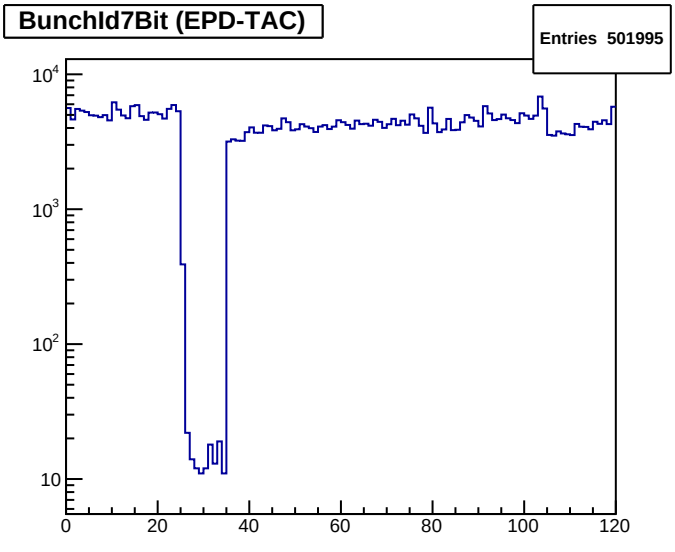
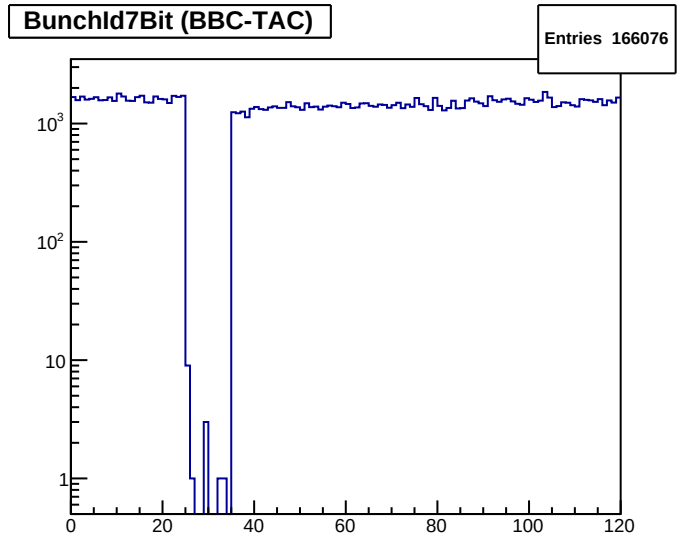
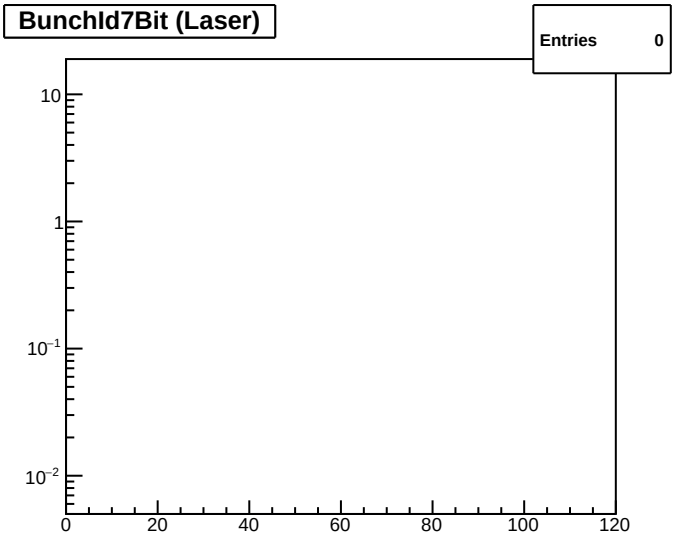
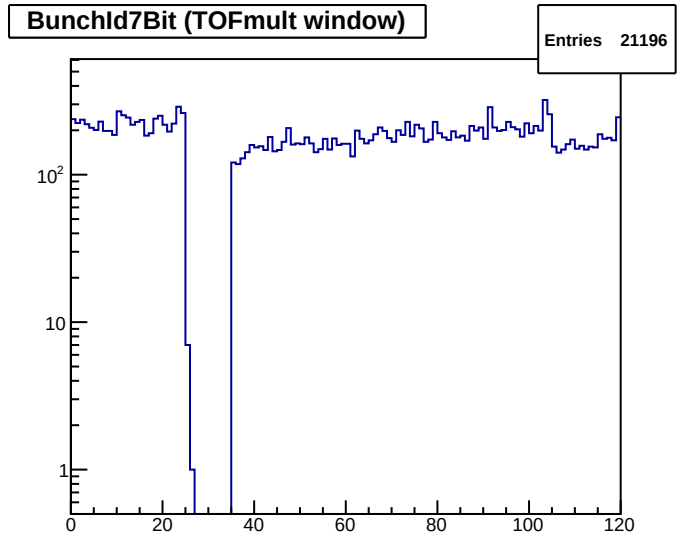

BunchId7Bit (VPD-TAC)
Entries 304137

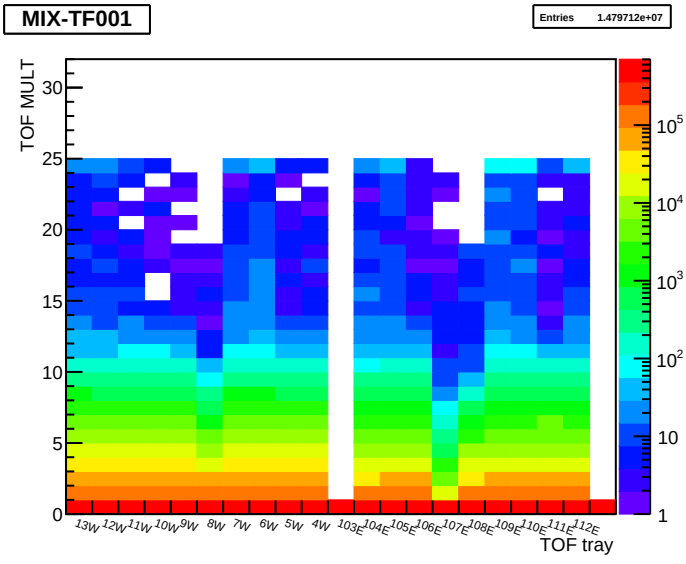

BunchId7Bit (ZDC-TAC)
Entries 983

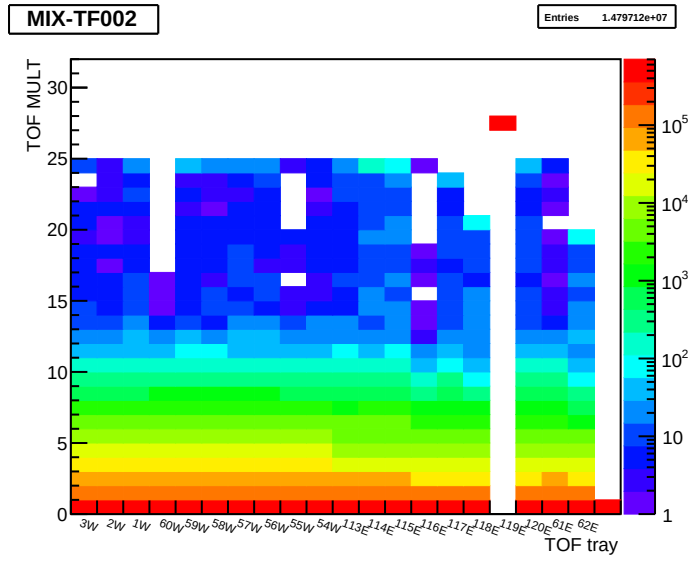

BunchId7Bit (EPD-TAC)
Entries 501995

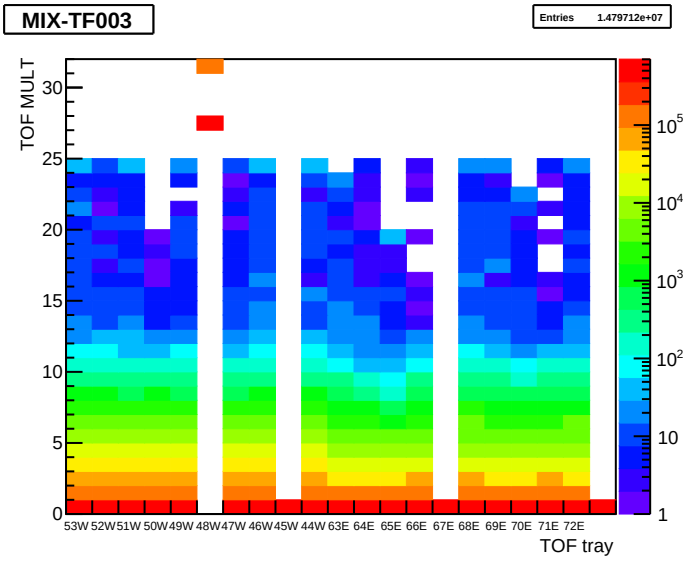

BunchId7Bit (BBC-TAC)
Entries 166076

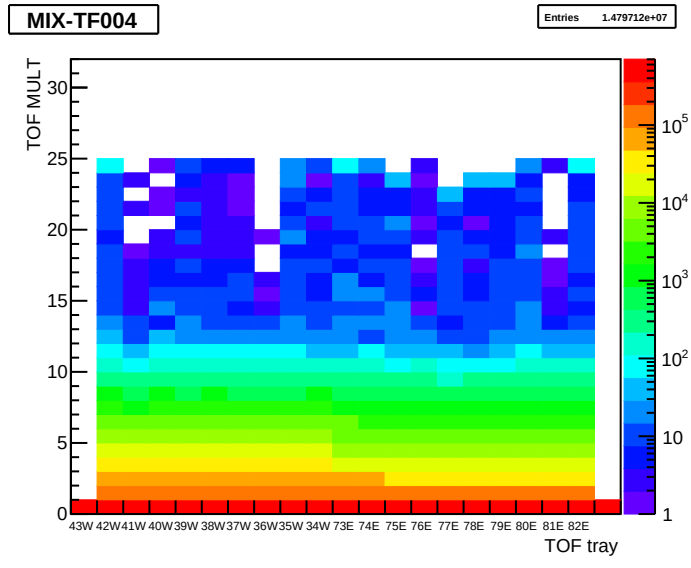

BunchId7Bit (Laser)
Entries 0

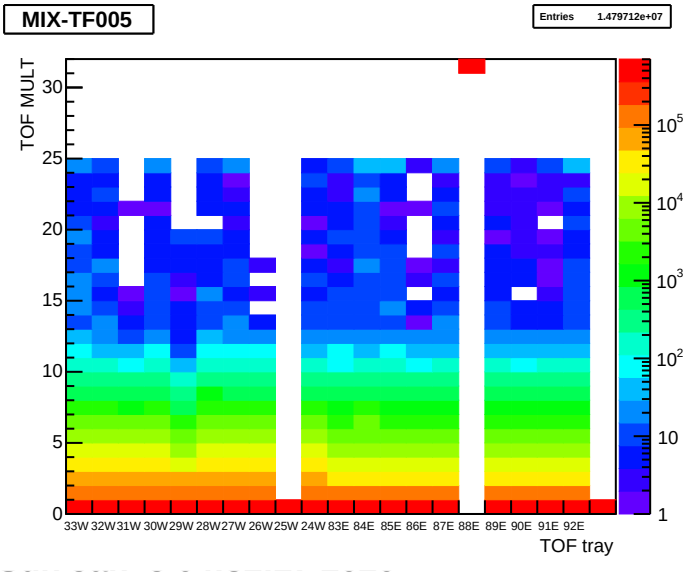

BunchId7Bit (TOFmult window)
Entries 21196

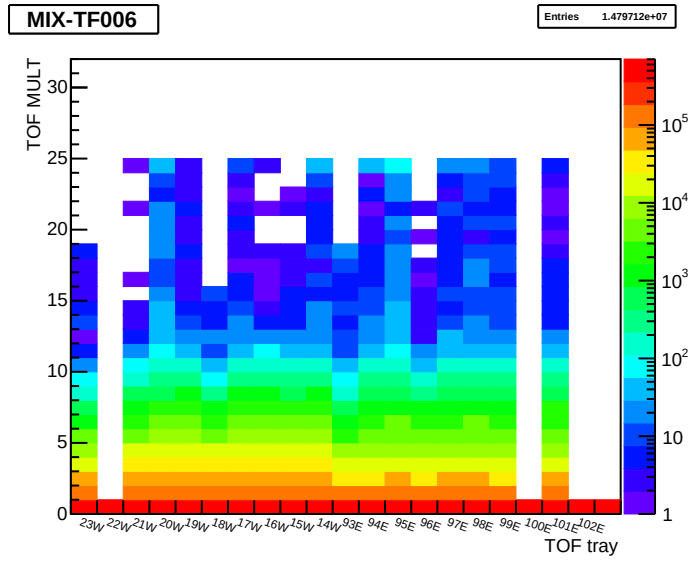

MIX-TF001
Entries 1.479712e+07
TOF MULT
TOF tray

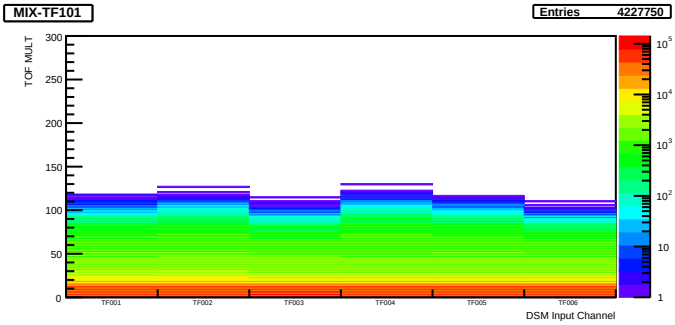

MIX-TF002
Entries 1.479712e+07
TOF MULT
TOF tray

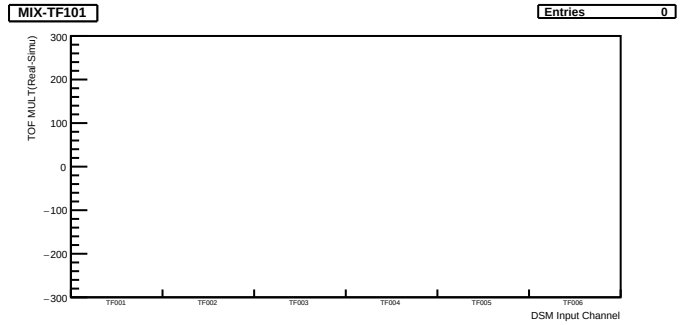

MIX-TF003
Entries 1.479712e+07
TOF MULT
TOF tray

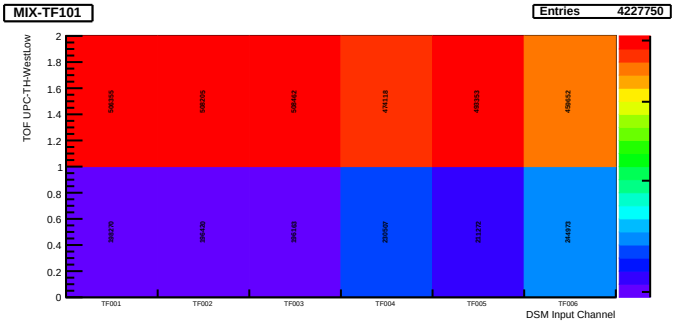

MIX-TF004
Entries 1.479712e+07
TOF MULT
TOF tray

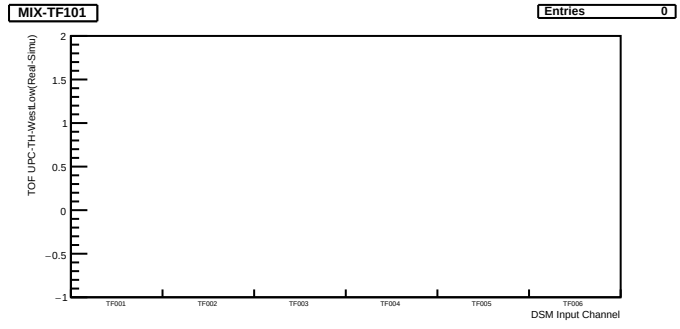

MIX-TF005
Entries 1.479712e+07
TOF MULT
TOF tray

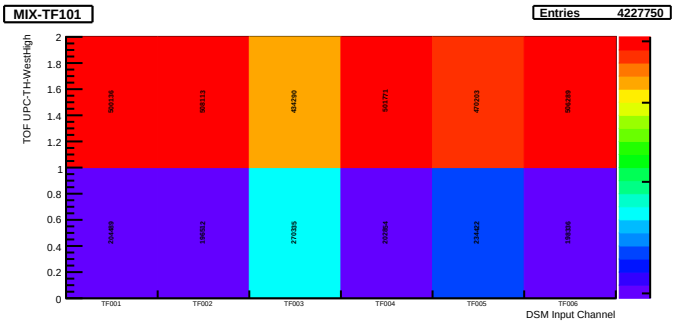

MIX-TF006
Entries 1.479712e+07
TOF MULT
TOF tray

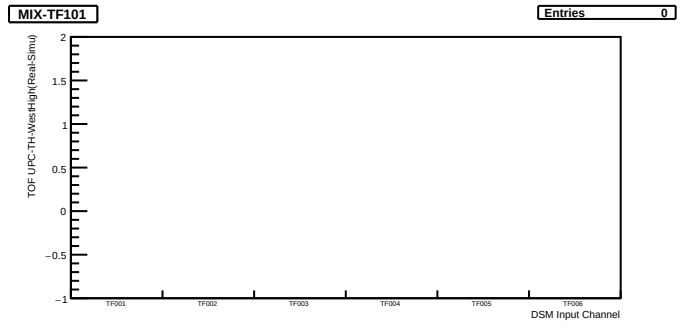

MIX-TF101
Entries 4227750
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

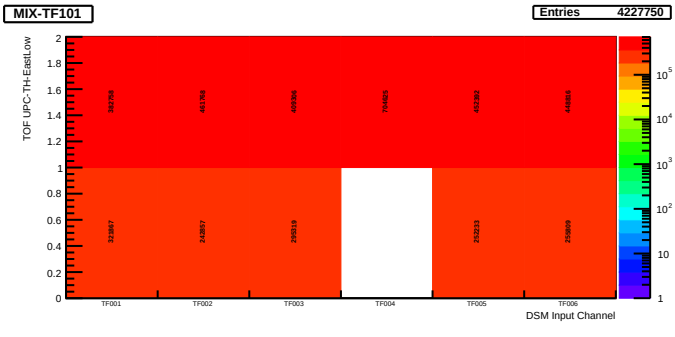

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

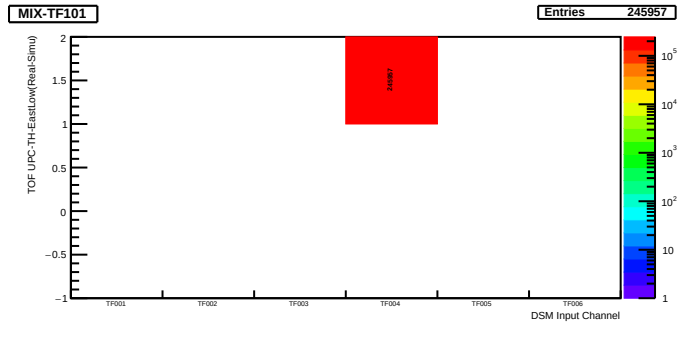

MIX-TF101
Entries 4227750
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

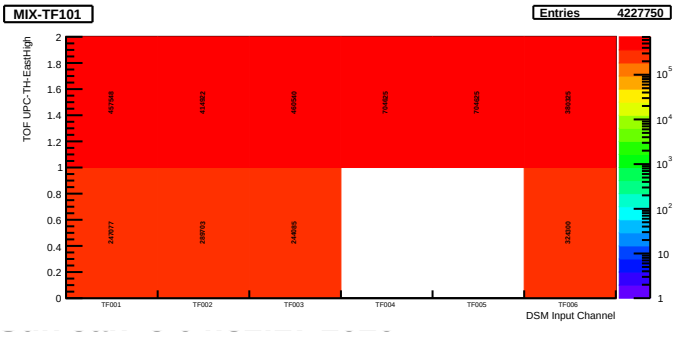

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

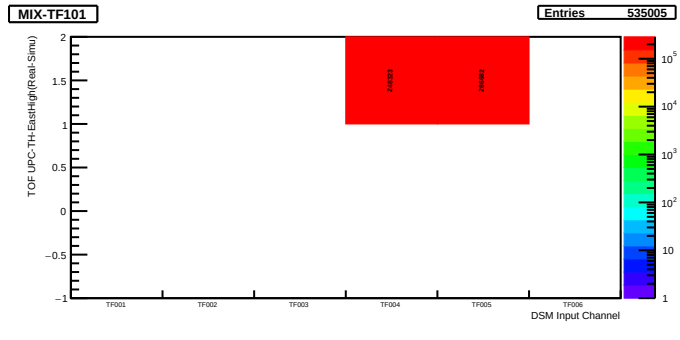

MIX-TF101
Entries 4227750
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

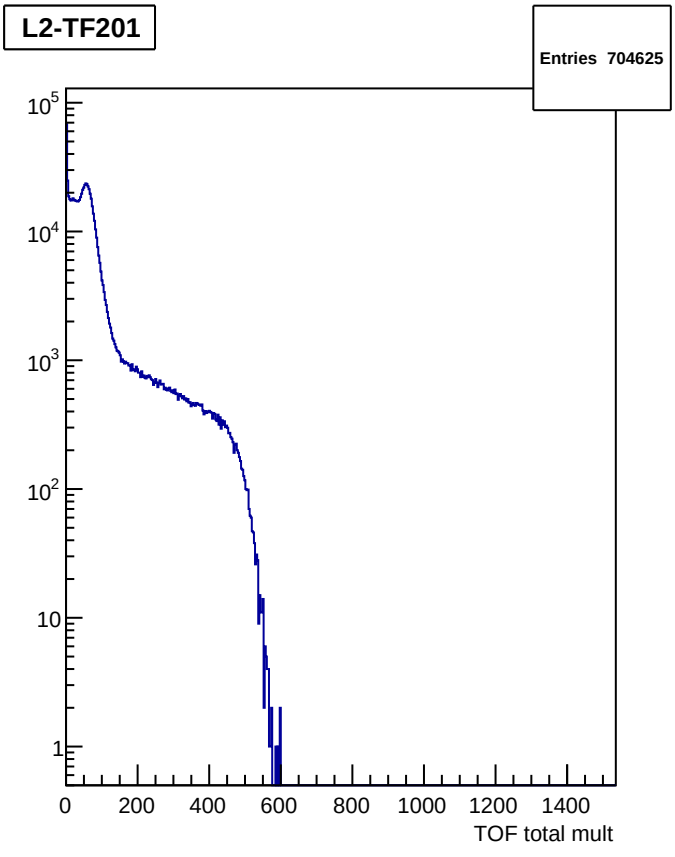

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

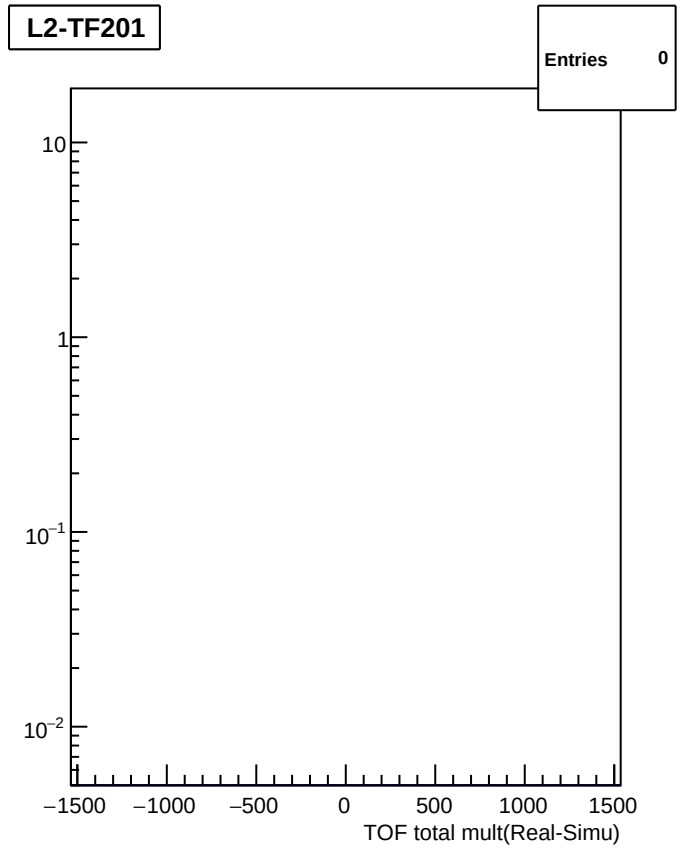

MIX-TF101
Entries 4227750
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

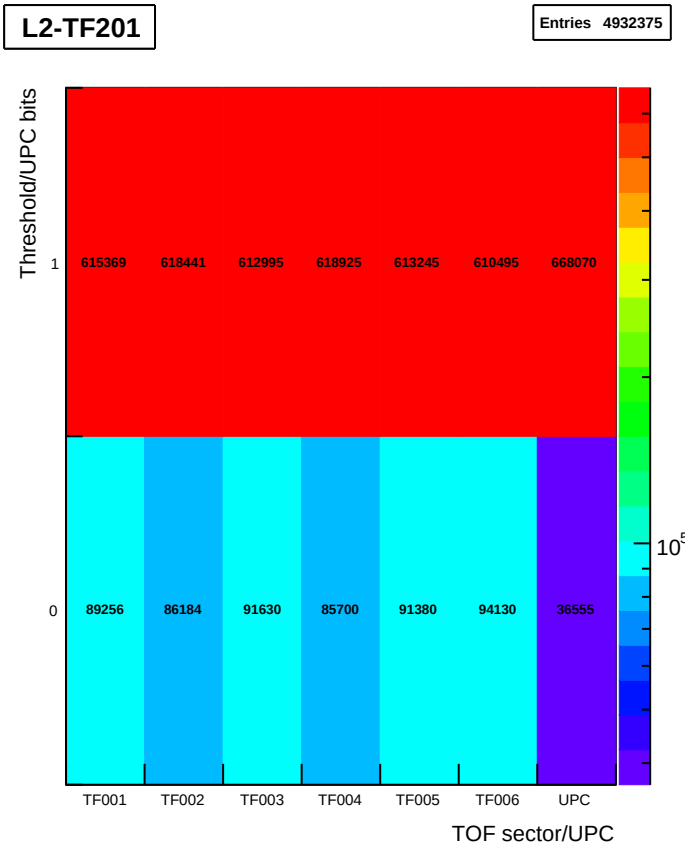

MIX-TF101
Entries 245957
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

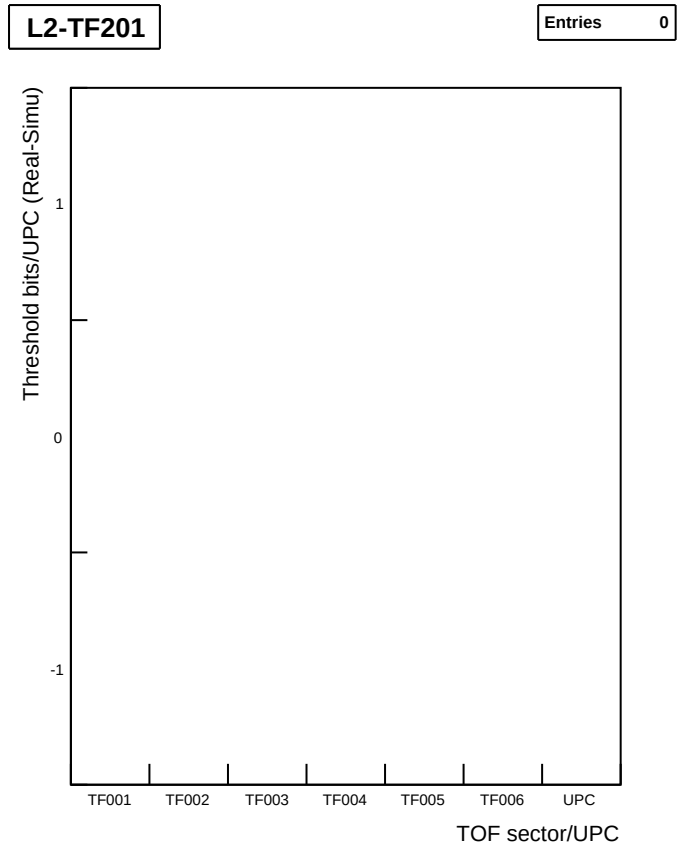

MIX-TF101
Entries 4227750
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

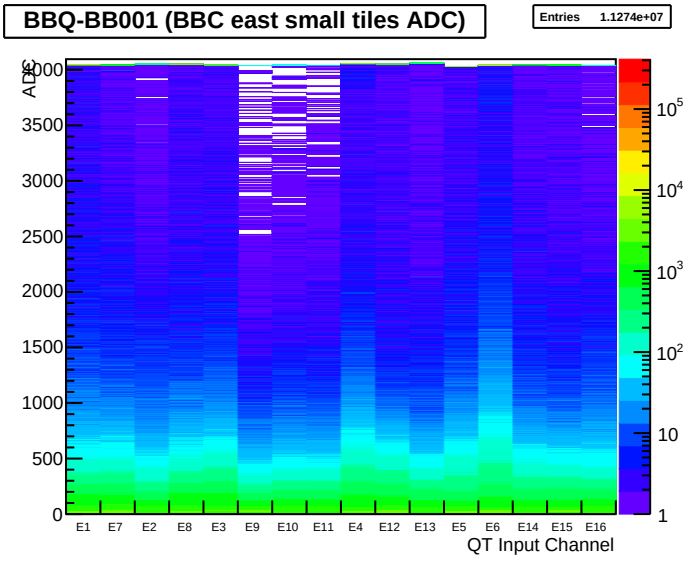

MIX-TF101
Entries 535005
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

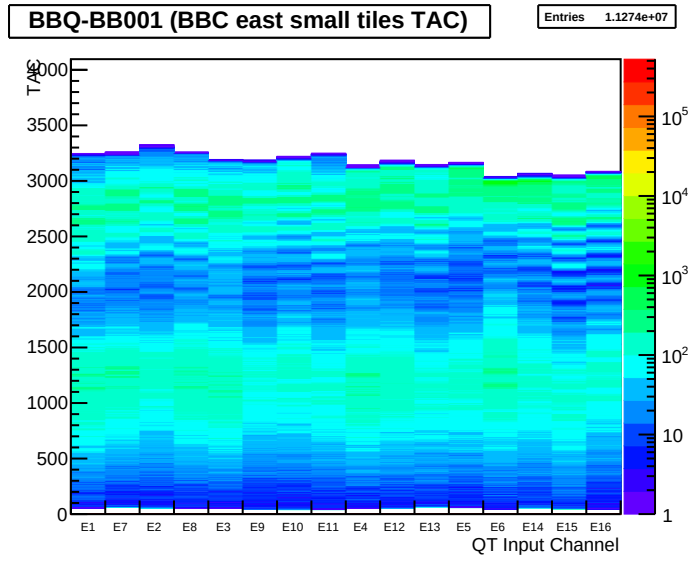

L2-TF201
Entries 704625
TOF total mult

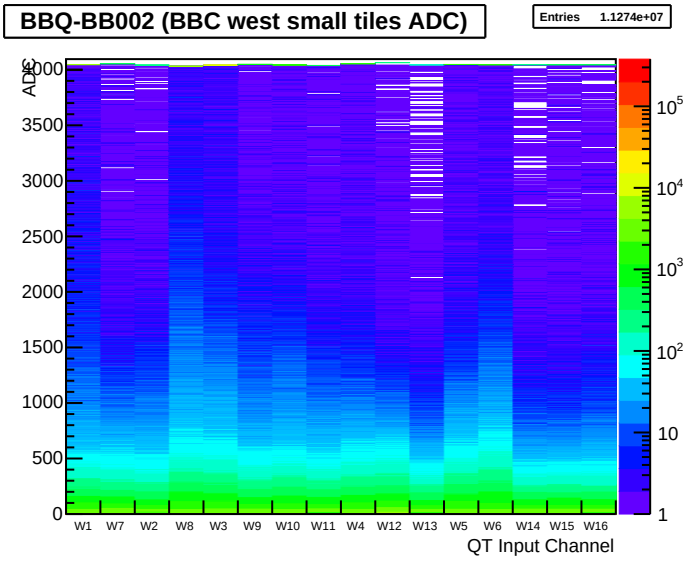

L2-TF201
Entries 0
TOF total mult(Real-Simu)

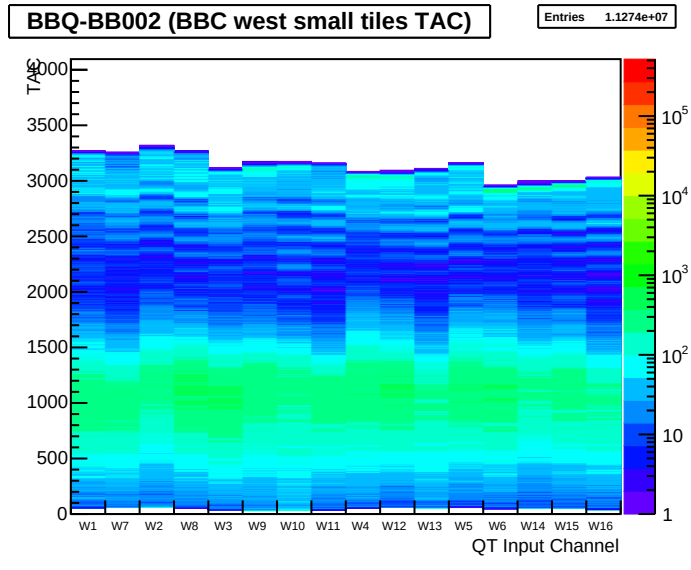

L2-TF201
Entries 4932375
Threshold/UPC bits
615369
618441
612995
618925
613245
610495
668070
89256
86184
91630
85700
91380
94130
36555
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

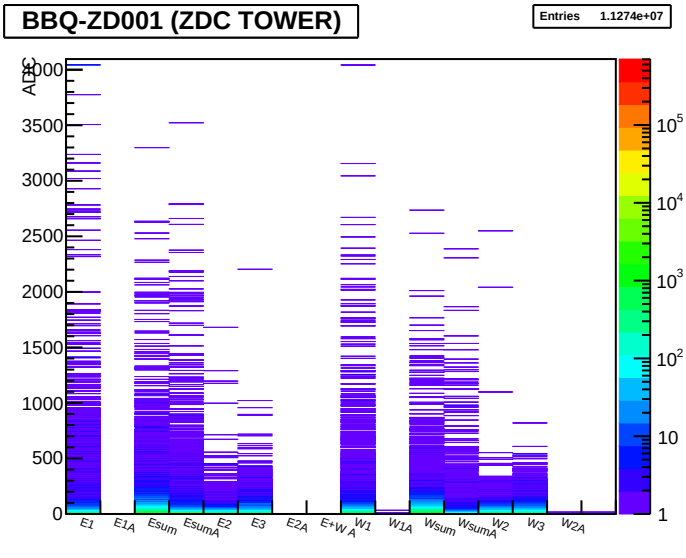

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

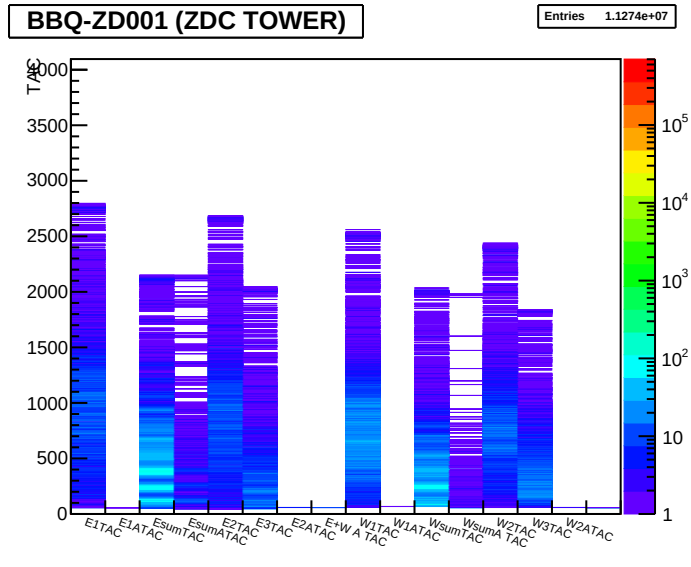

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.1274e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

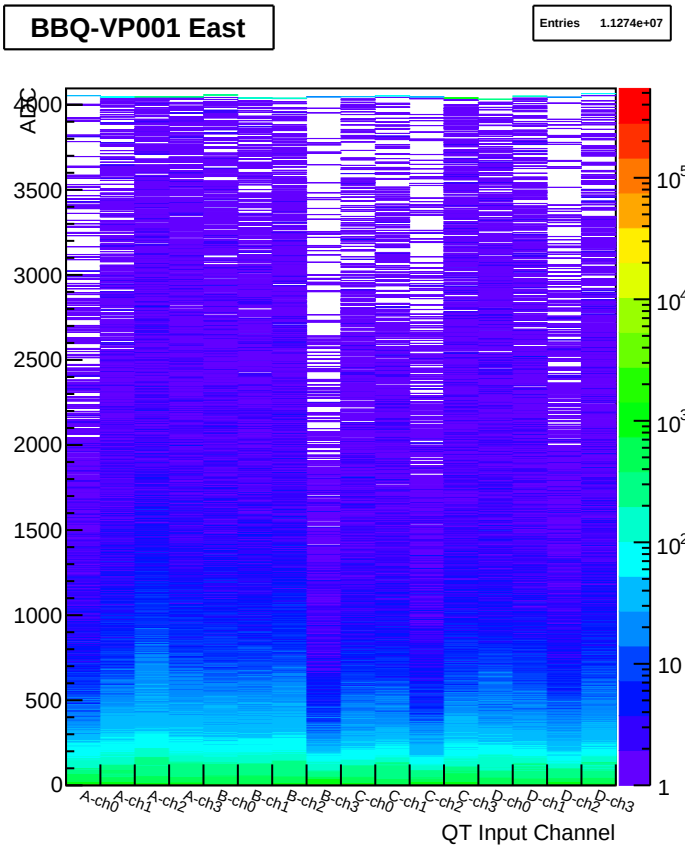

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.1274e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

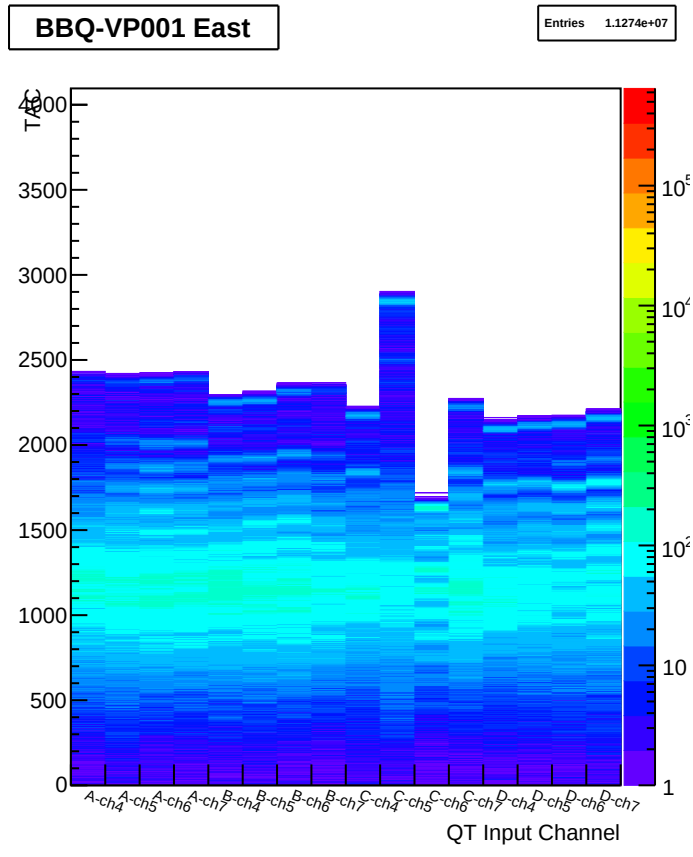

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.1274e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

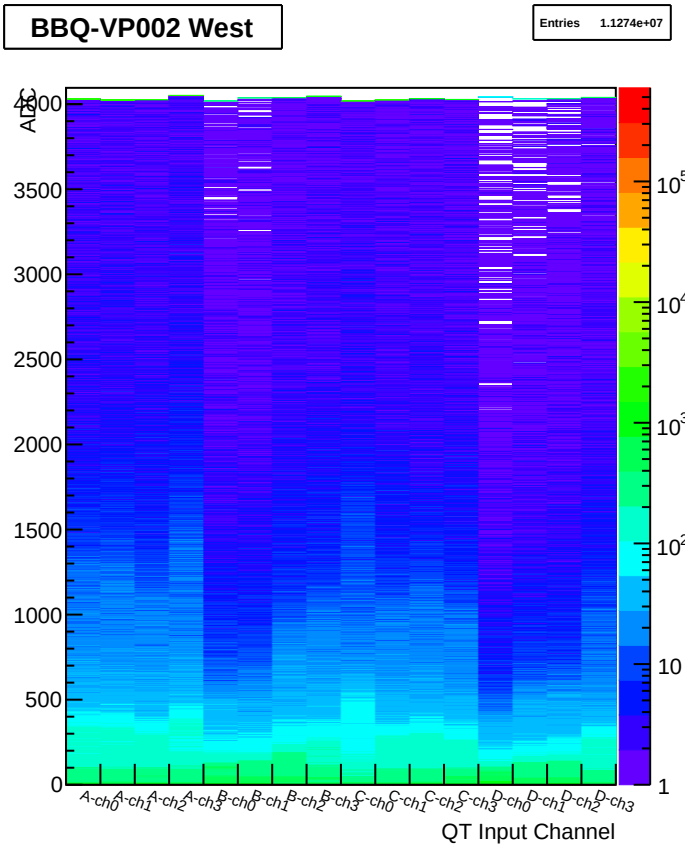

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.1274e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

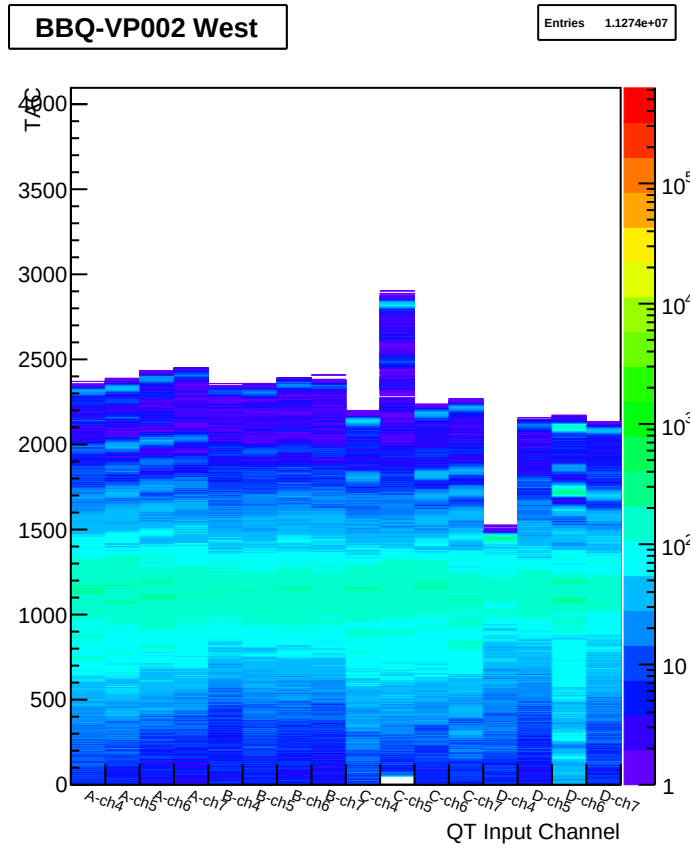

BBQ-ZD001 (ZDC TOWER)
Entries 1.1274e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

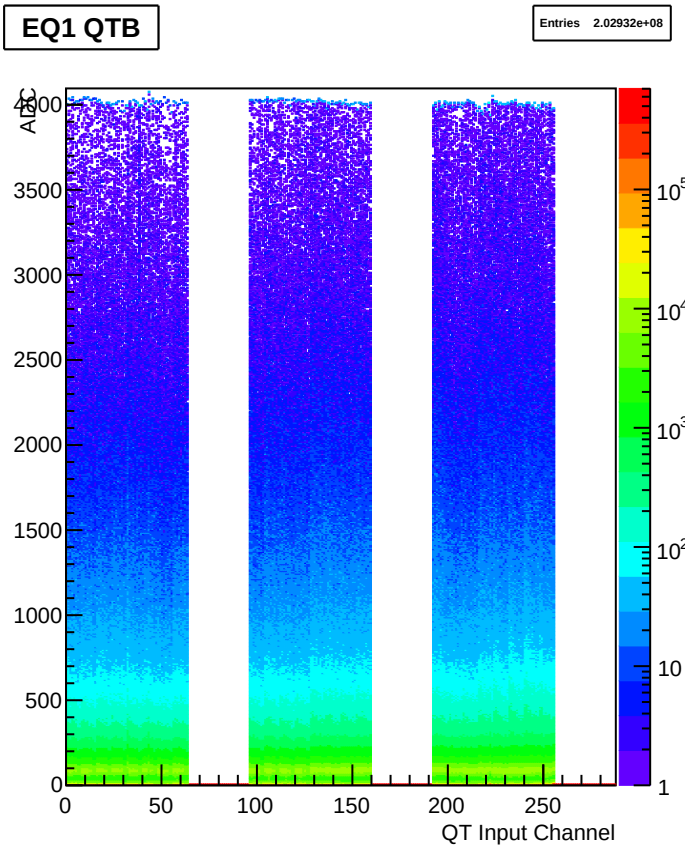

BBQ-ZD001 (ZDC TOWER)
Entries 1.1274e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

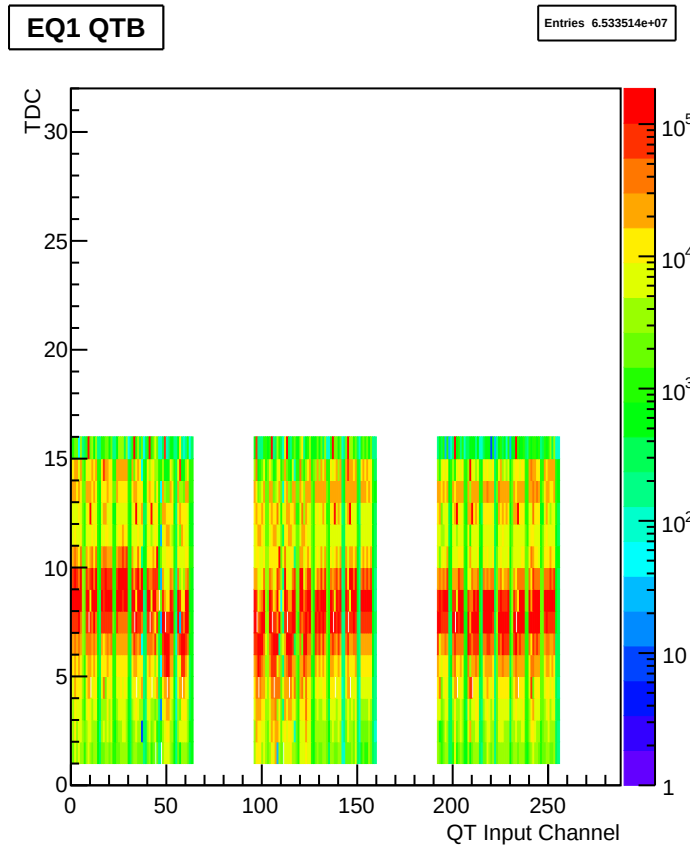

BBQ-VP001 East
Entries 1.1274e+07
ADC
QT Input Channel

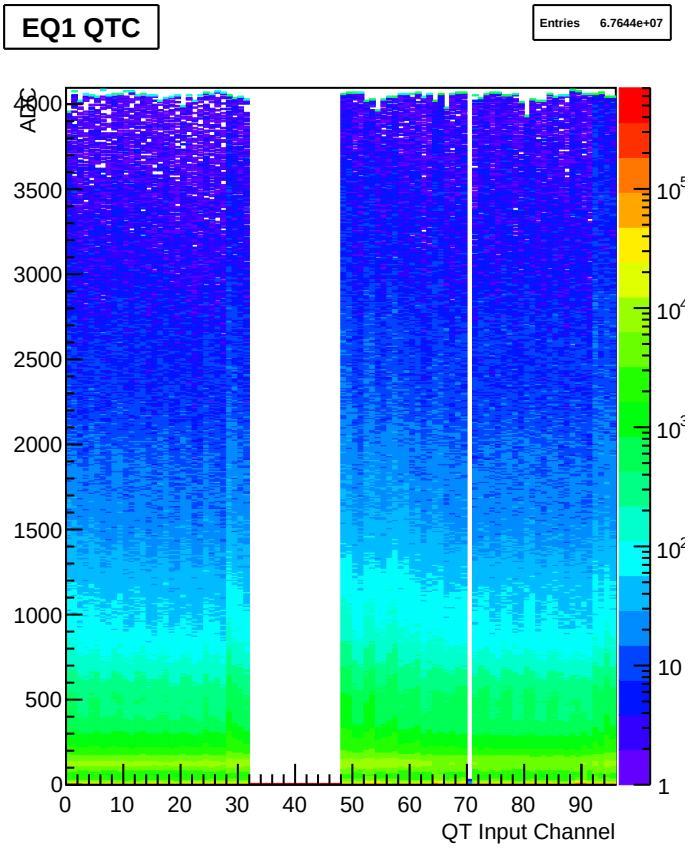

BBQ-VP001 East
Entries 1.1274e+07
TADC
QT Input Channel

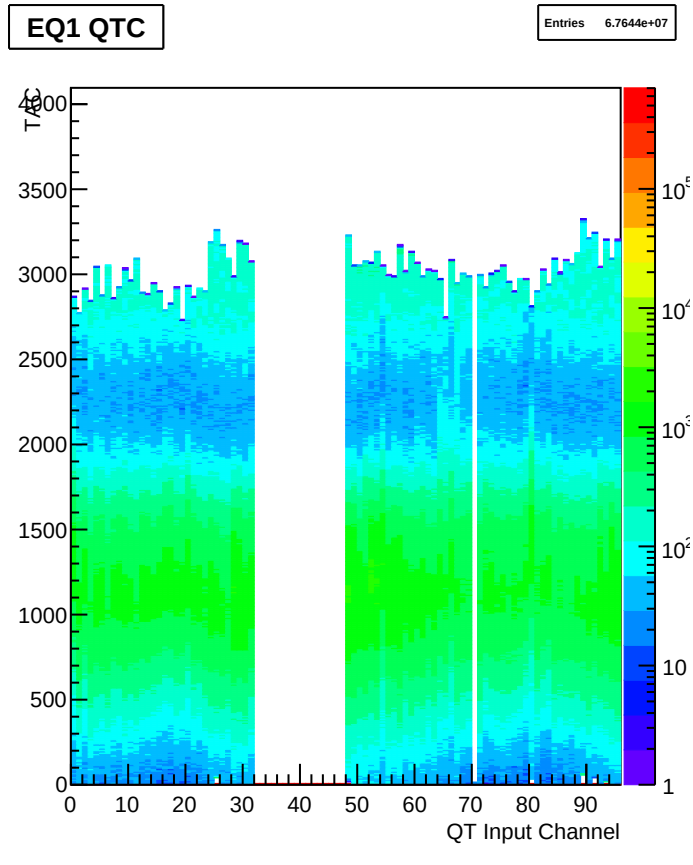

BBQ-VP002 West
Entries 1.1274e+07
ADC
QT Input Channel

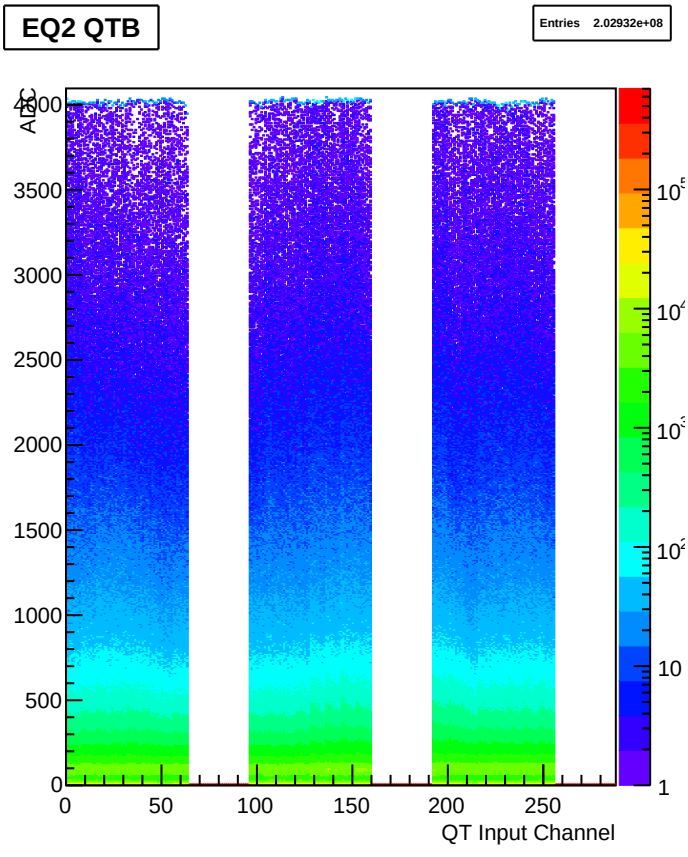

BBQ-VP002 West
Entries 1.1274e+07
TADC
QT Input Channel

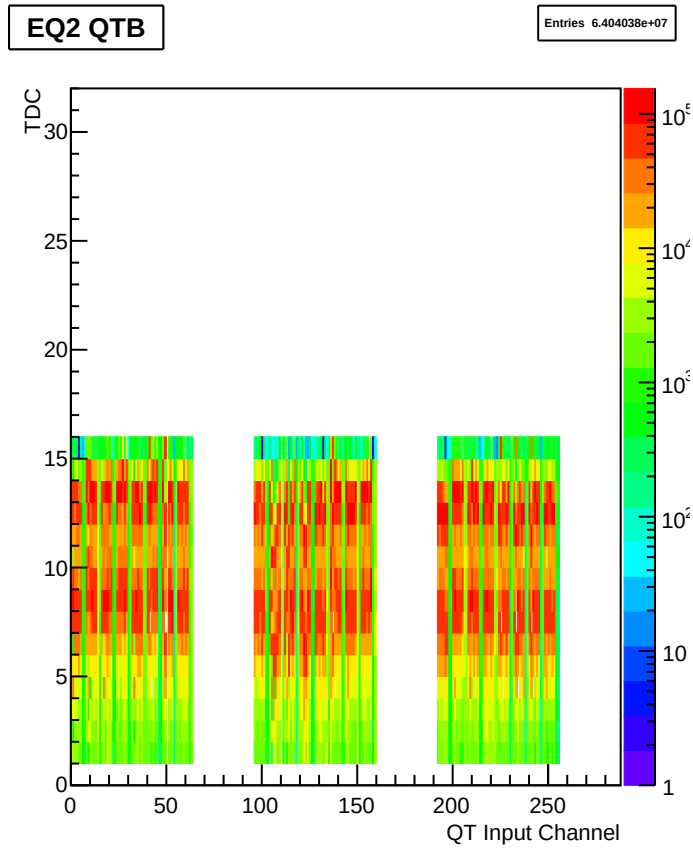

EQ1 QTB
Entries 2.02932e+08
ADC
QT Input Channel

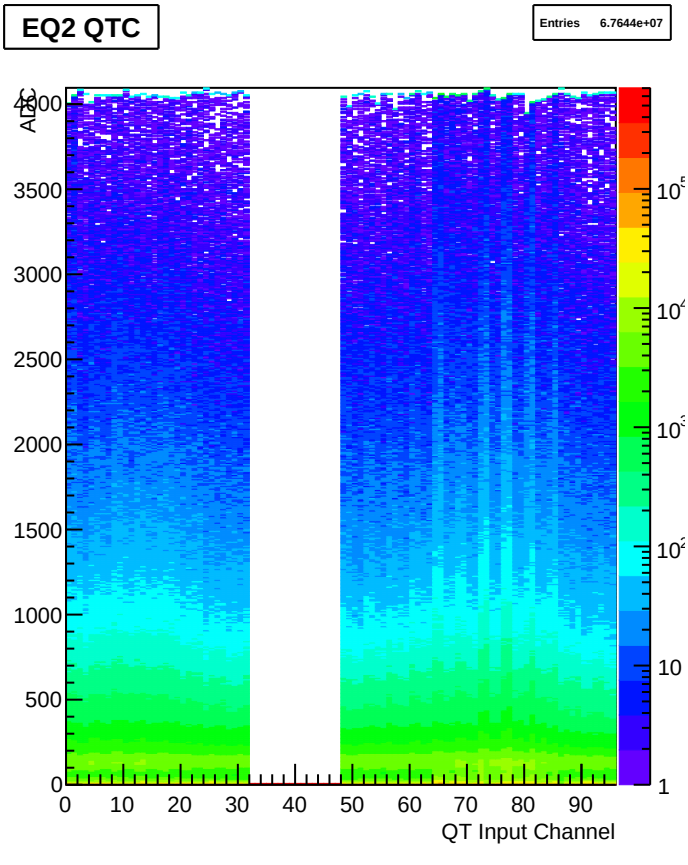

EQ1 QTB
Entries 6.533514e+07
TDC
QT Input Channel

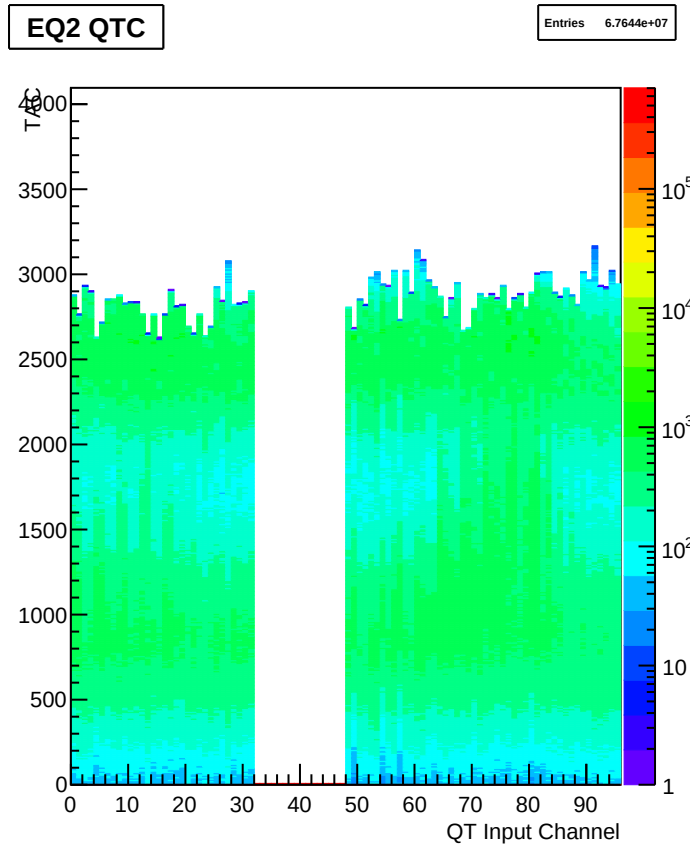

EQ1 QTC
Entries 6.7644e+07
ADC
QT Input Channel

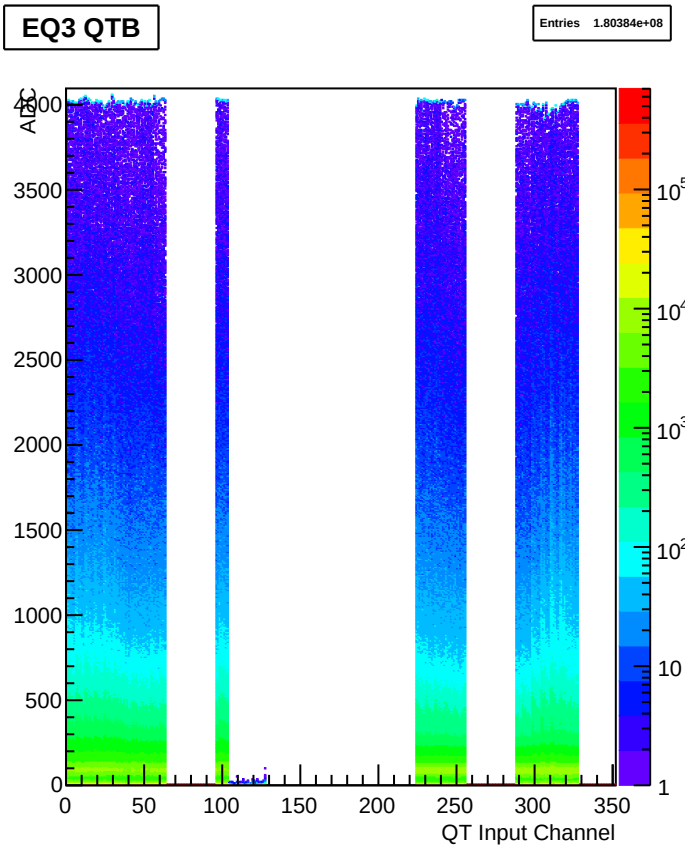

EQ1 QTC
Entries 6.7644e+07
TADC
QT Input Channel

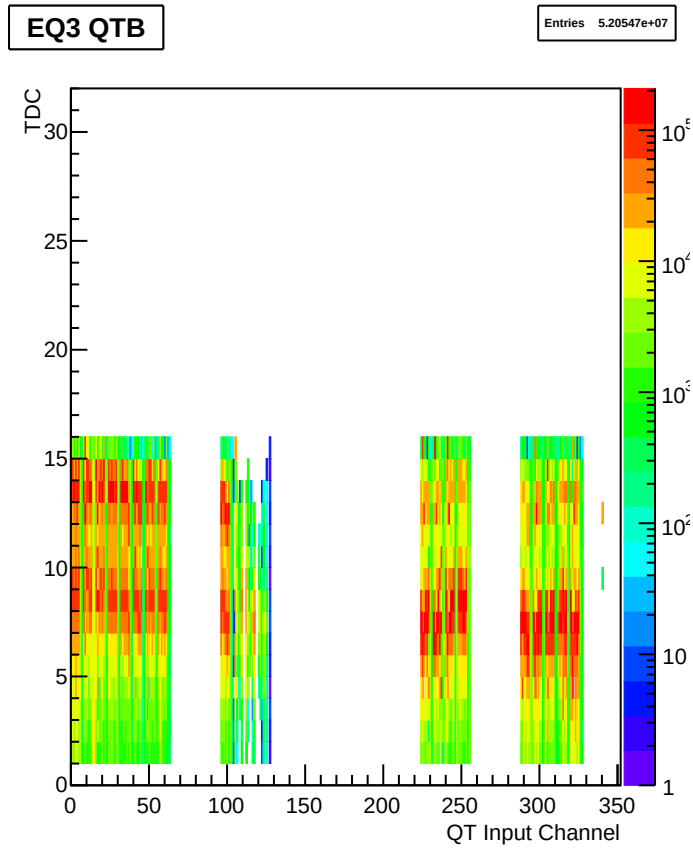

EQ2 QTB
Entries 2.02932e+08
ADC
QT Input Channel

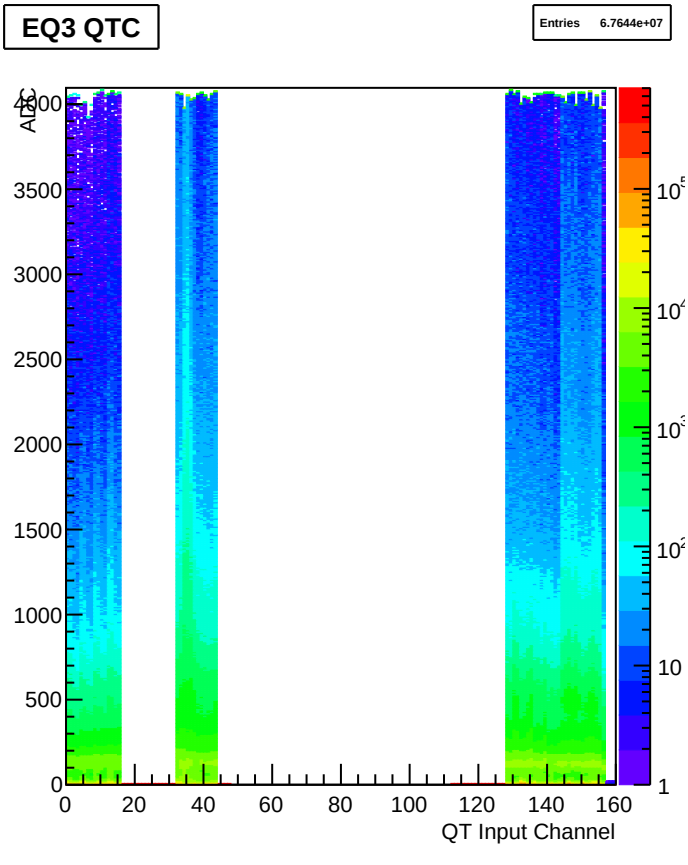

EQ2 QTB
Entries 6.404038e+07
TDC
QT Input Channel

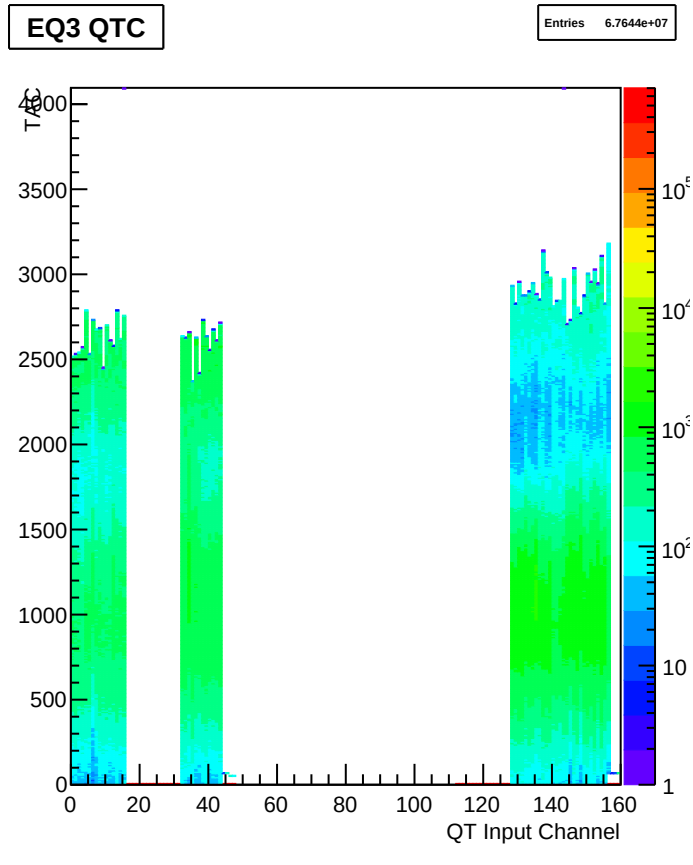

EQ2 QTC
Entries 6.7644e+07
ADC
QT Input Channel

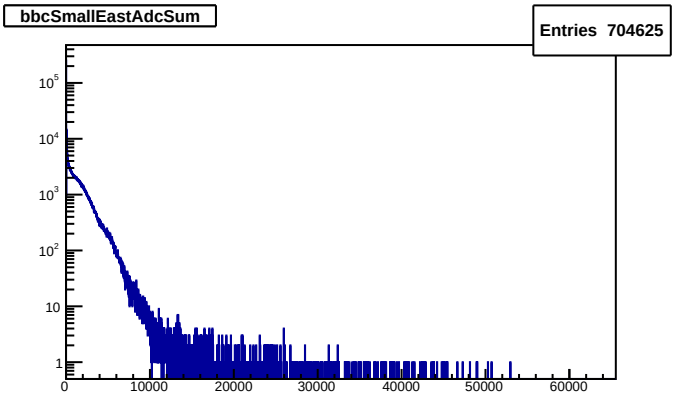

EQ2 QTC
Entries 6.7644e+07
TADC
QT Input Channel

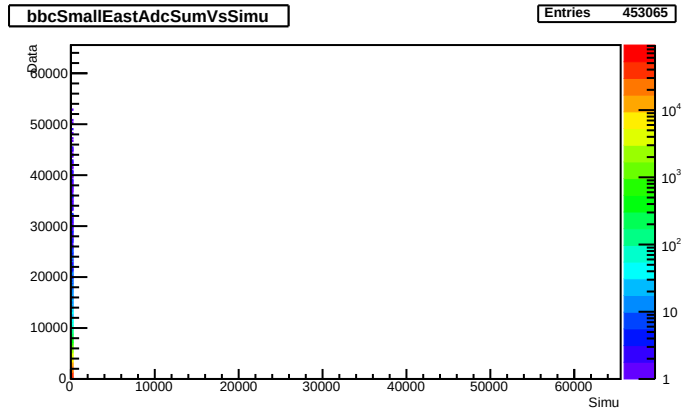

EQ3 QTB
Entries 1.80384e+08
ADC
QT Input Channel

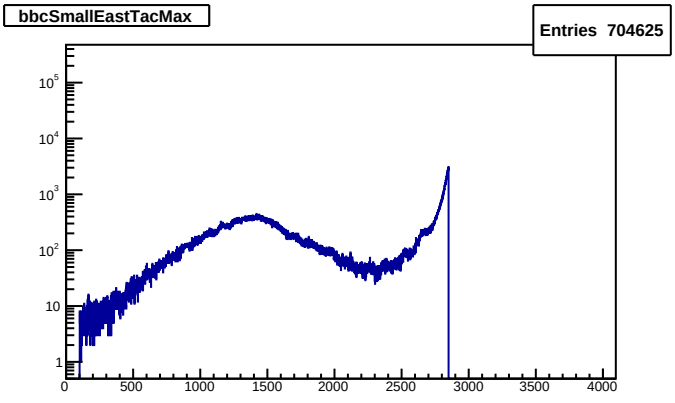

EQ3 QTB
Entries 5.20547e+07
TDC
QT Input Channel

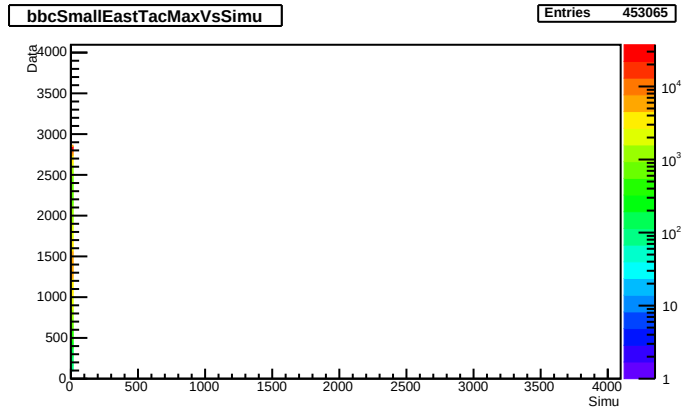

EQ3 QTC
Entries 6.7644e+07
ADC
QT Input Channel

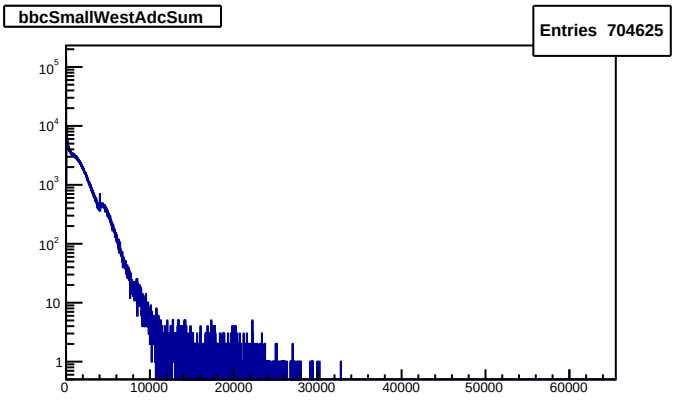

EQ3 QTC
Entries 6.7644e+07
TADC
QT Input Channel

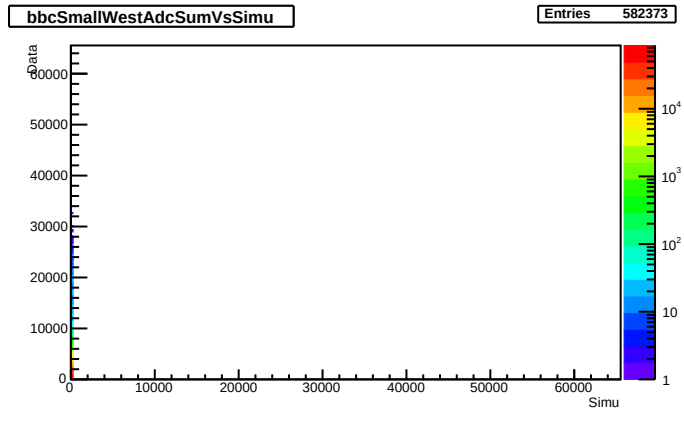

bbcSmallEastAdcSum
Entries 704625

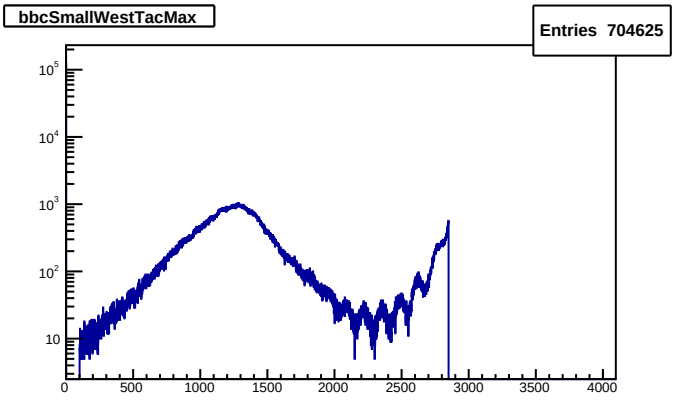

bbcSmallEastAdcSumVsSimu
Entries 453065
Data
Simu

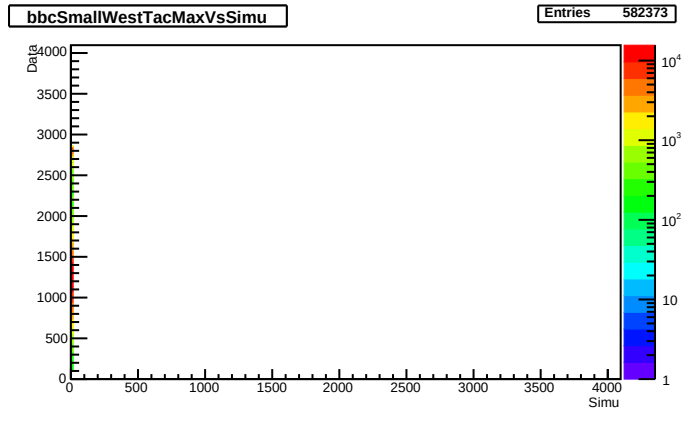

bbcSmallEastTacMax
Entries 704625

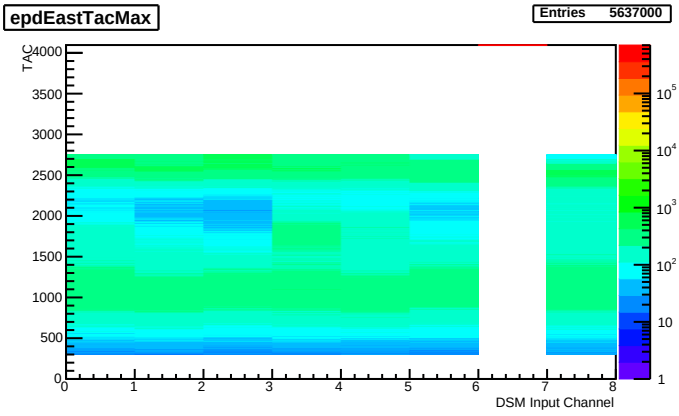

bbcSmallEastTacMaxVsSimu
Entries 453065
Data
Simu

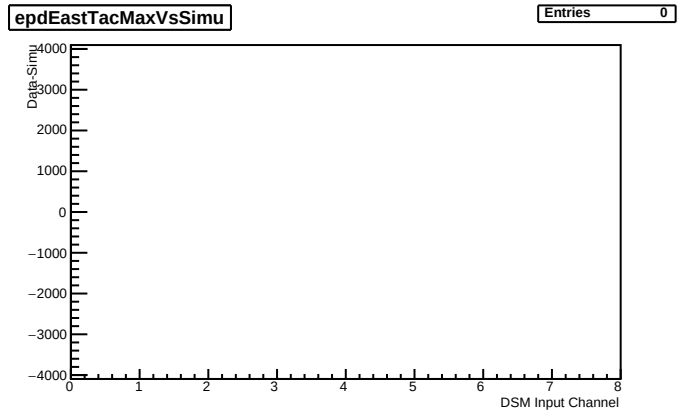

bbcSmallWestAdcSum
Entries 704625

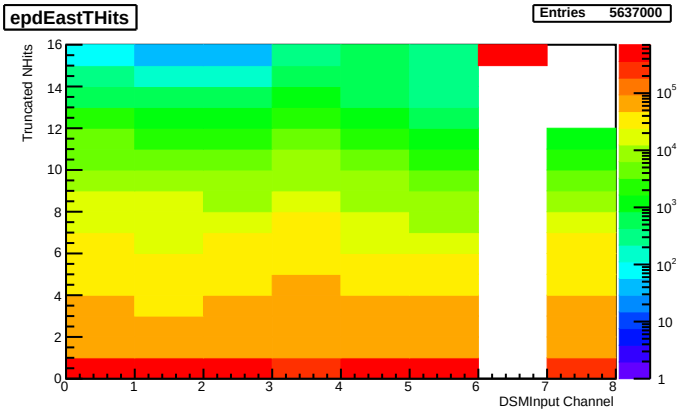

bbcSmallWestAdcSumVsSimu
Entries 582373
Data
Simu

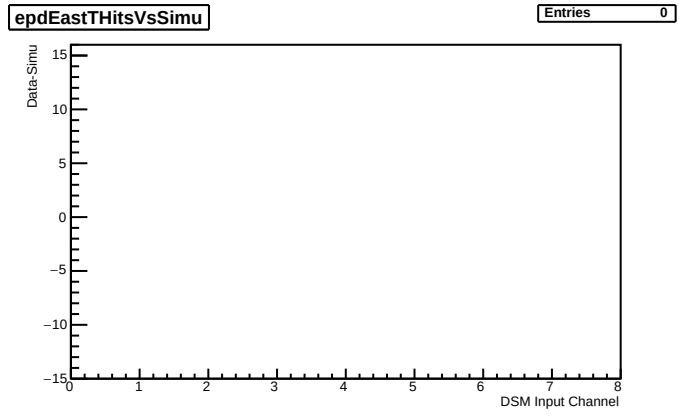

bbcSmallWestTacMax
Entries 704625

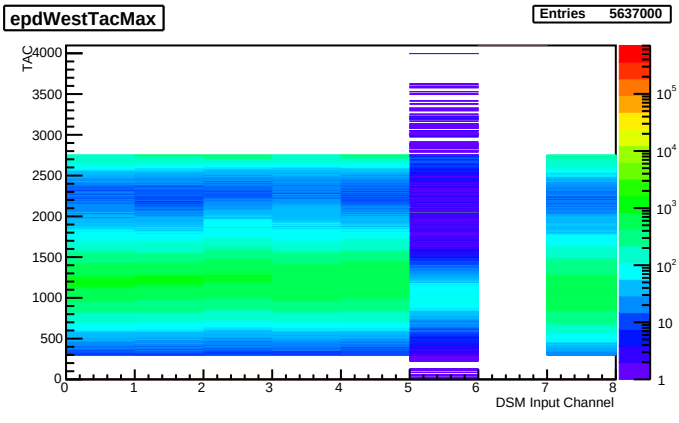

bbcSmallWestTacMaxVsSimu
Entries 582373
Data
Simu

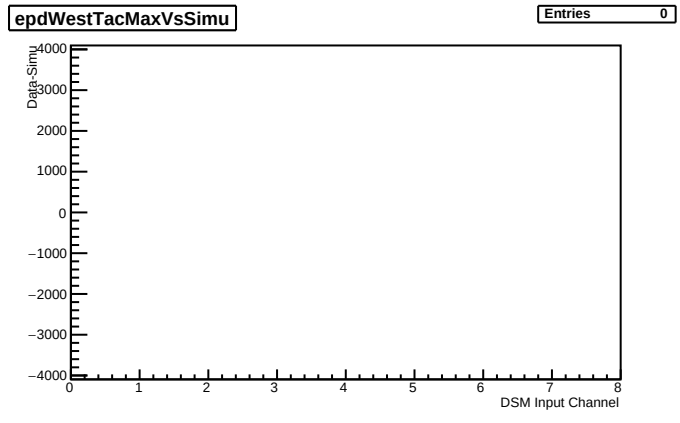

epdEastTacMax
Entries 5637000
TAC
DSM Input Channel

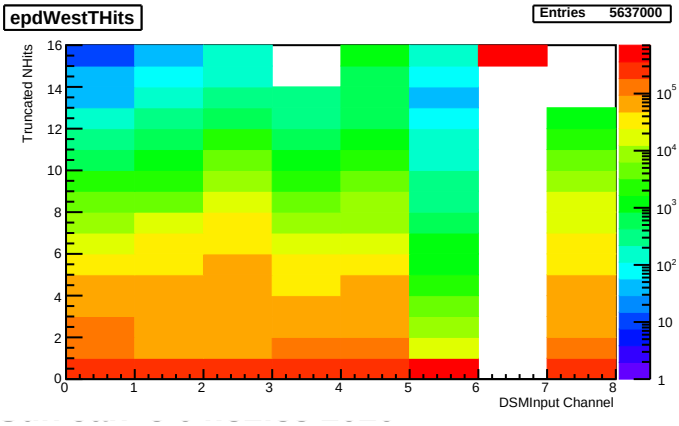

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

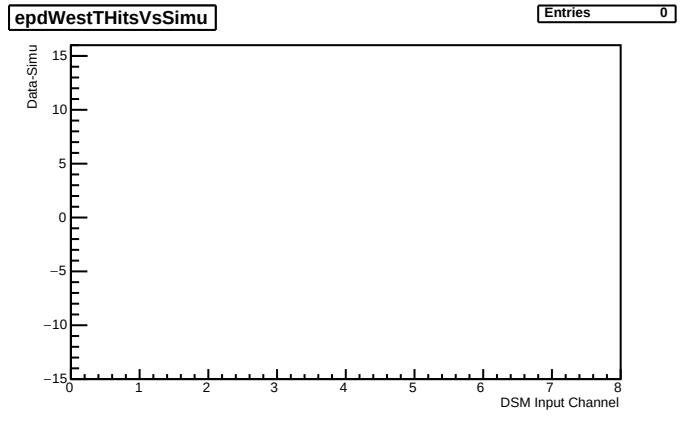

epdEastTHits
Entries 5637000
Truncated NHits
DSMInput Channel

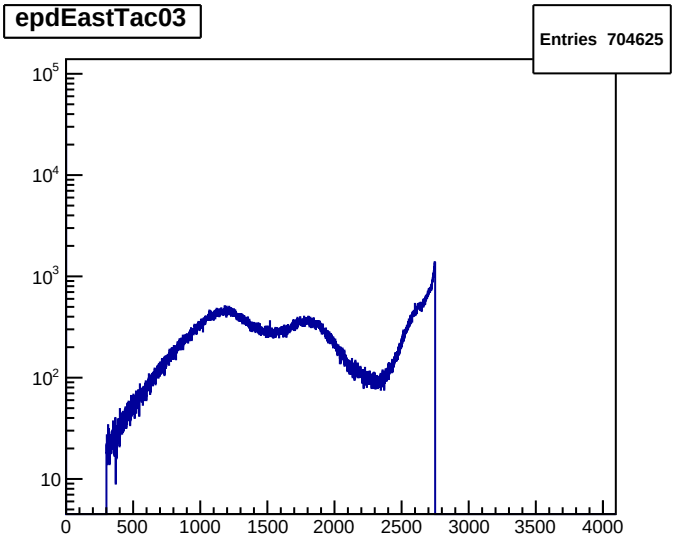

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

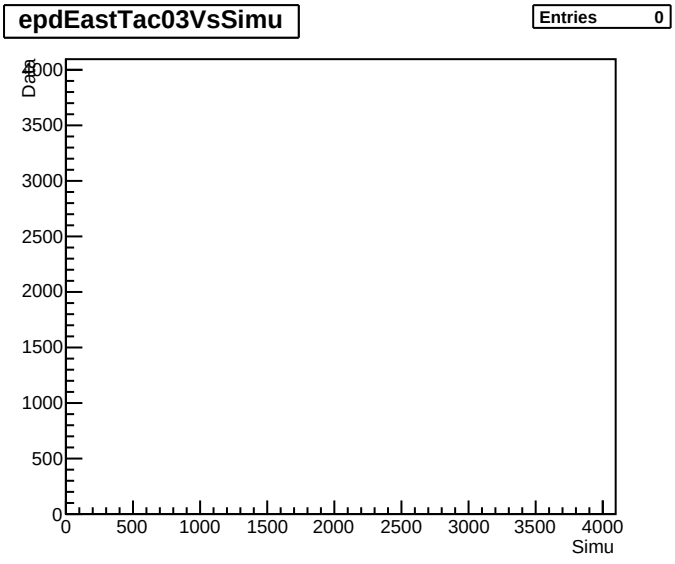

epdWestTacMax
Entries 5637000
TAC
DSM Input Channel

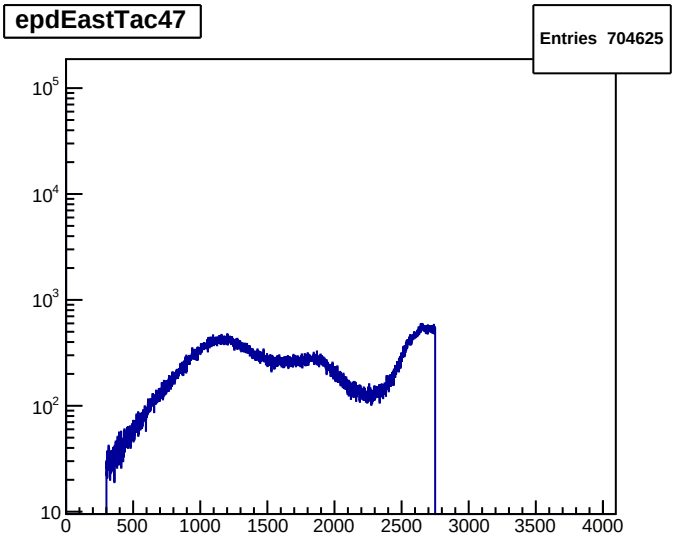

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

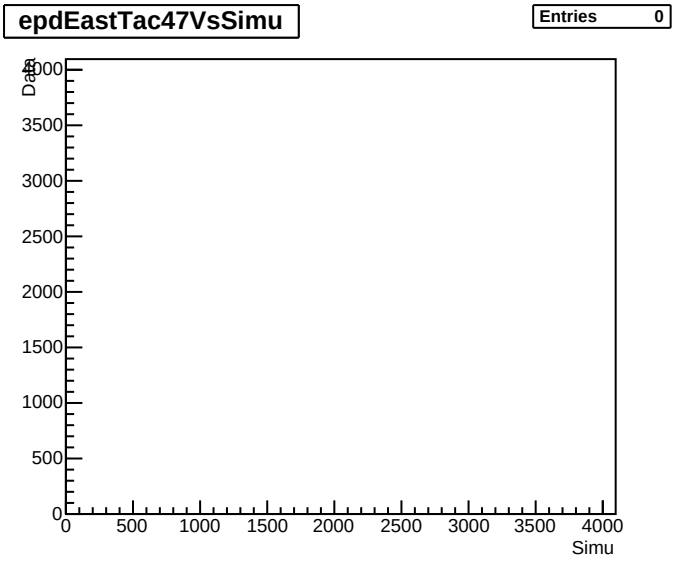

epdWestTHits
Entries 5637000
Truncated NHits
DSMInput Channel

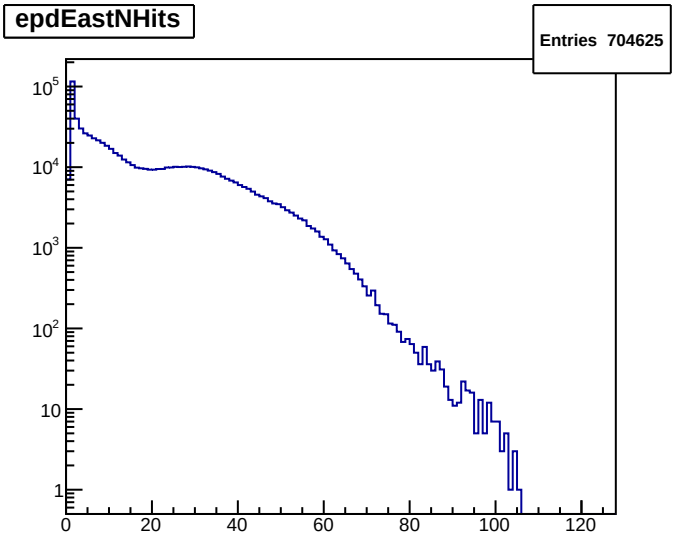

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

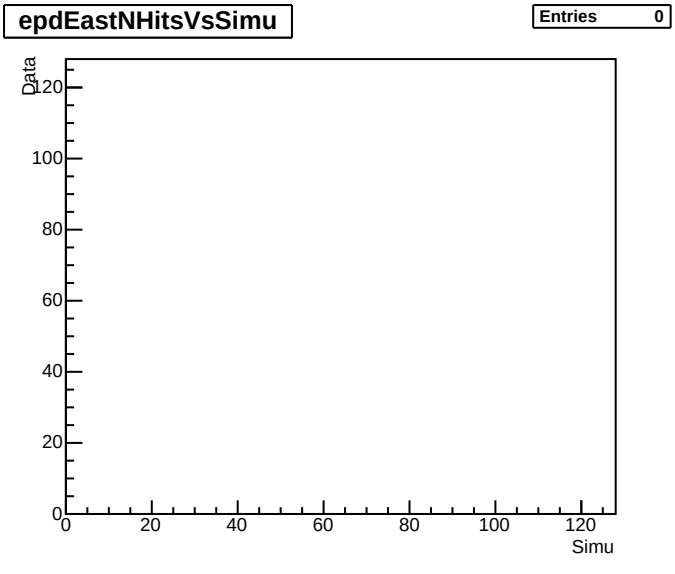

epdEastTac03
Entries 704625

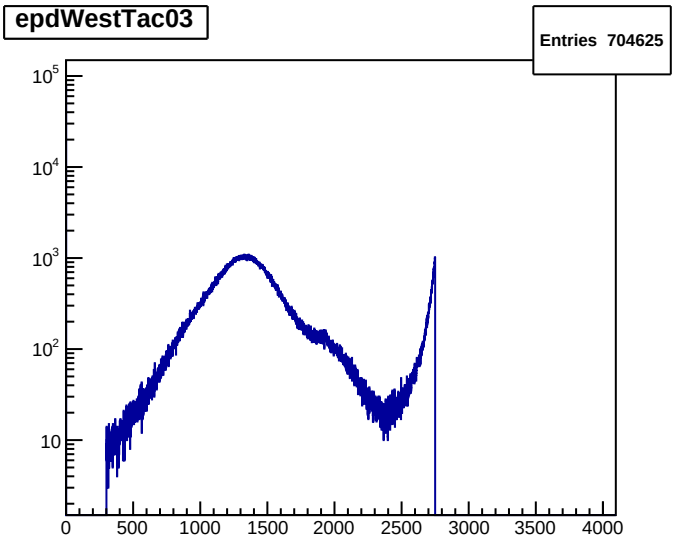

epdEastTac03VsSimu
Entries 0
Data
Simu

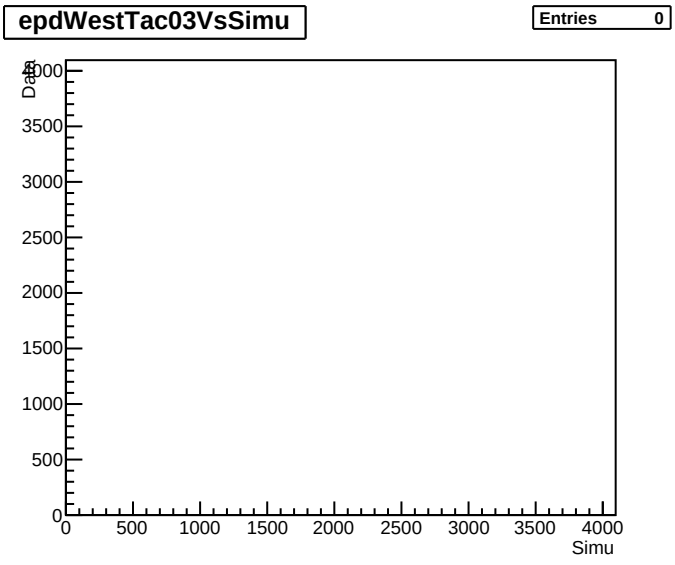

epdEastTac47
Entries 704625

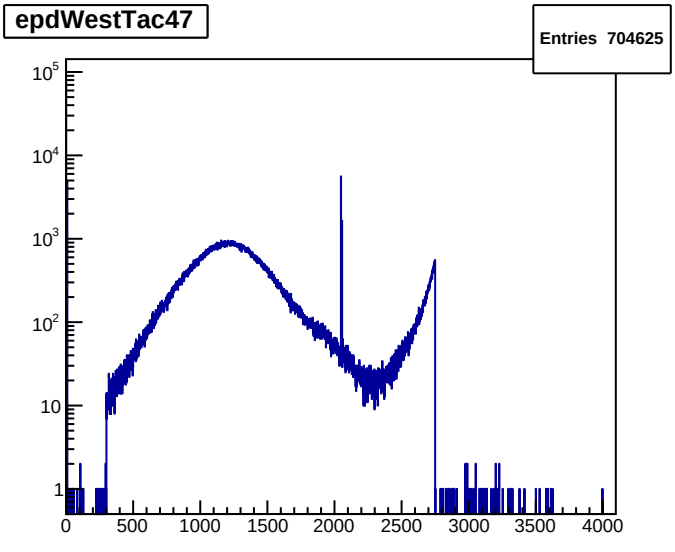

epdEastTac47VsSimu
Entries 0
Data
Simu

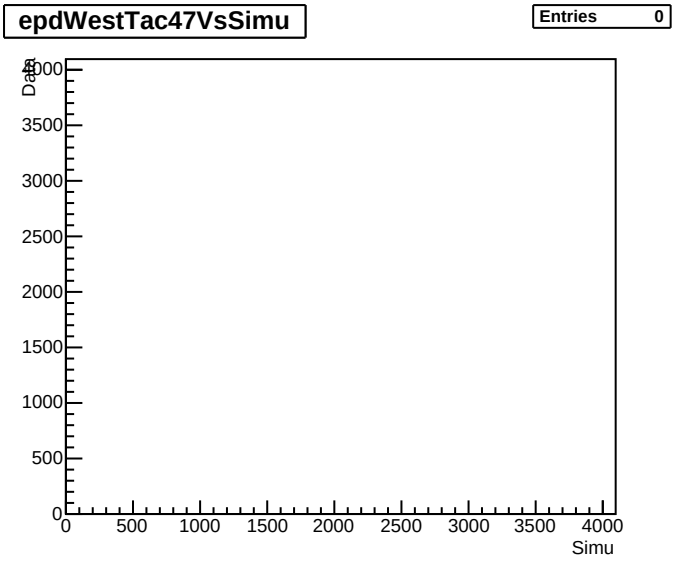

epdEastNHits
Entries 704625

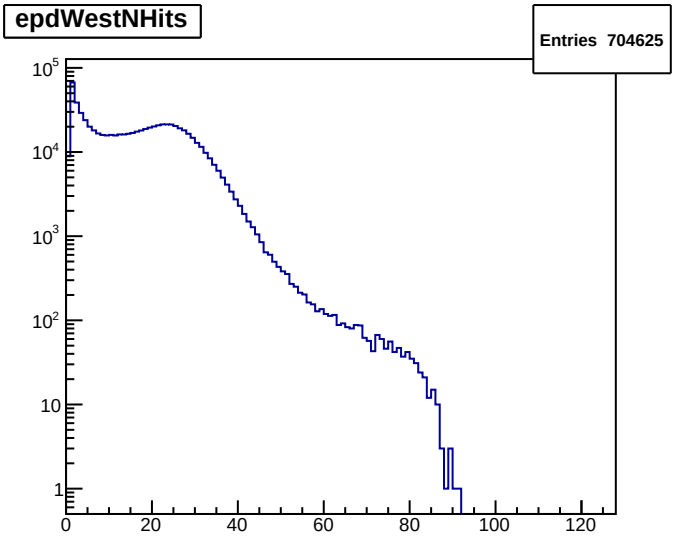

epdEastNHitsVsSimu
Entries 0
Data
Simu

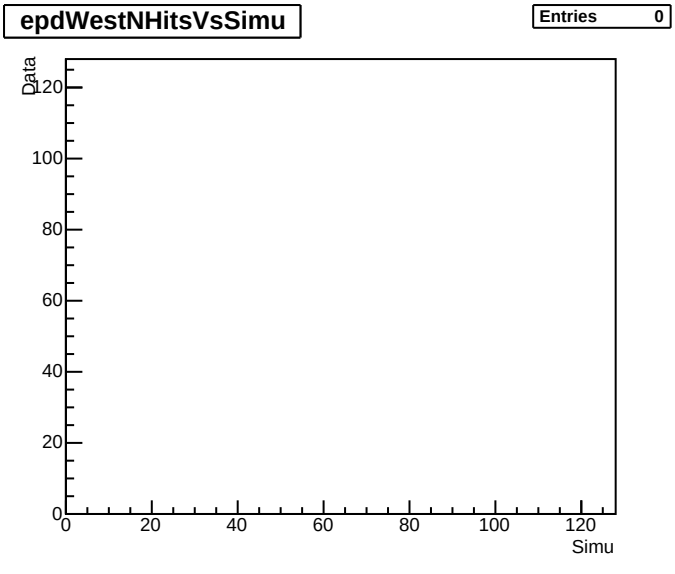

epdWestTac03
Entries 704625

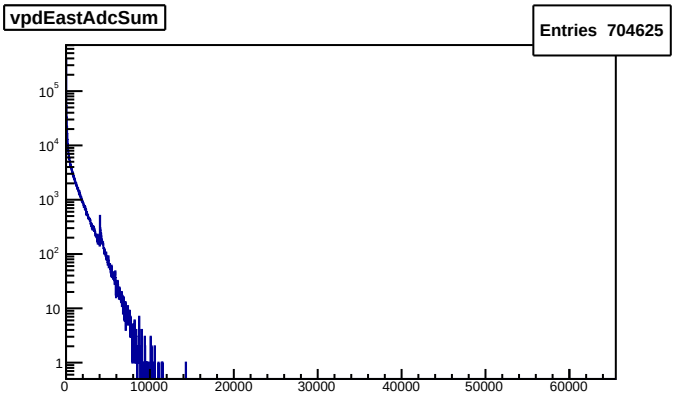

epdWestTac03VsSimu
Entries 0
Data
Simu

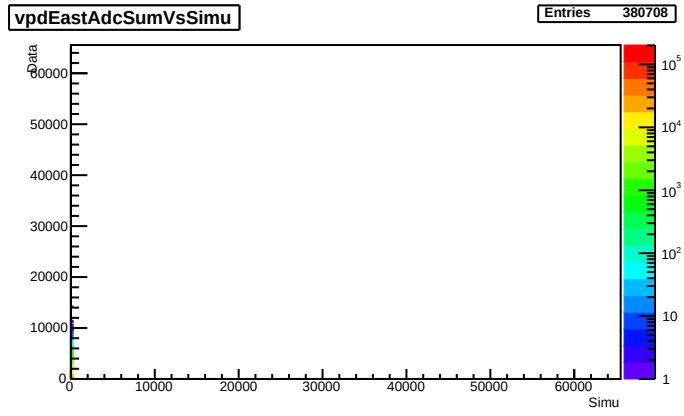

epdWestTac47
Entries 704625

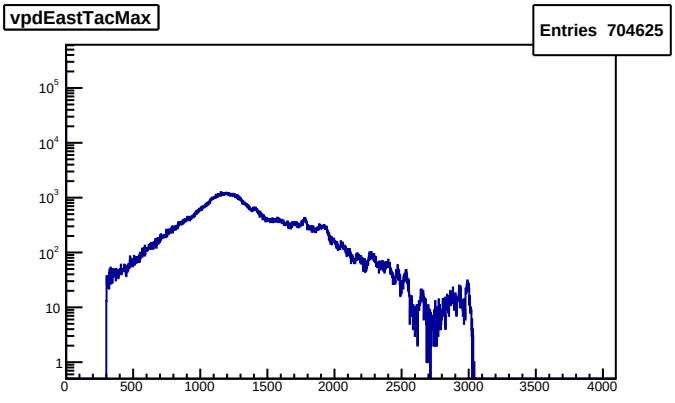

epdWestTac47VsSimu
Entries 0
Data
Simu

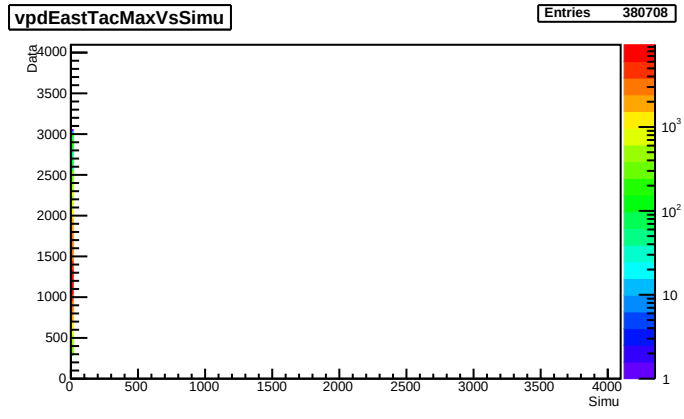

epdWestNHits
Entries 704625

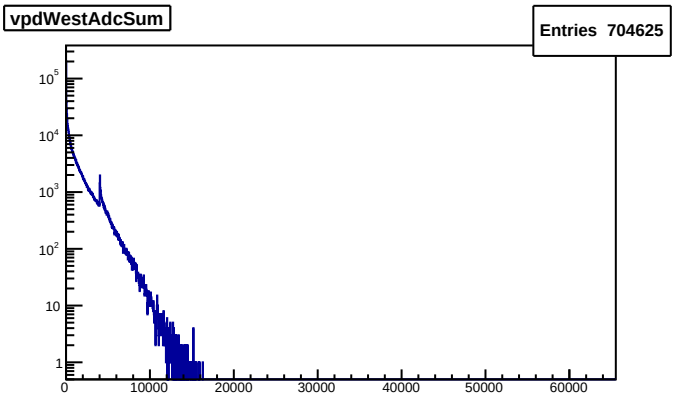

epdWestNHitsVsSimu
Entries 0
Data
Simu

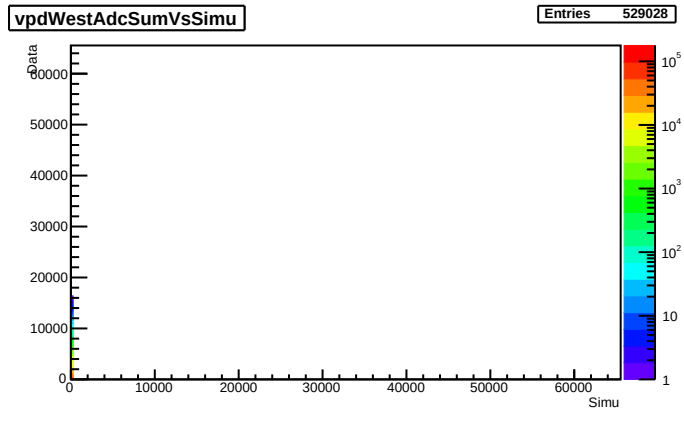

vpdEastAdcSum
Entries 704625

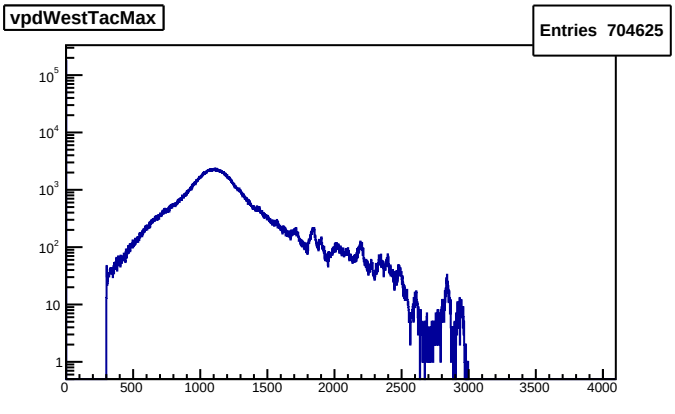

vpdEastAdcSumVsSimu
Entries 380708
Data
Simu

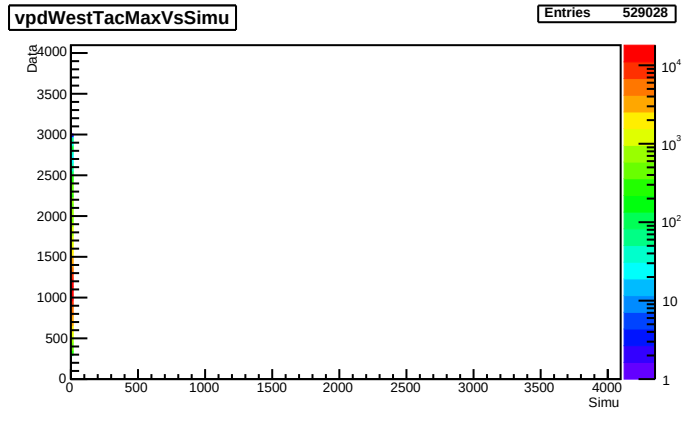

vpdEastTacMax
Entries 704625

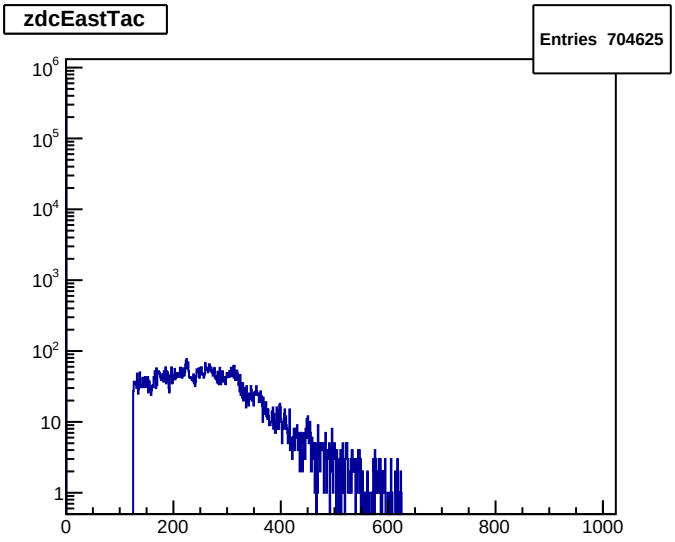

vpdEastTacMaxVsSimu
Entries 380708
Data
Simu

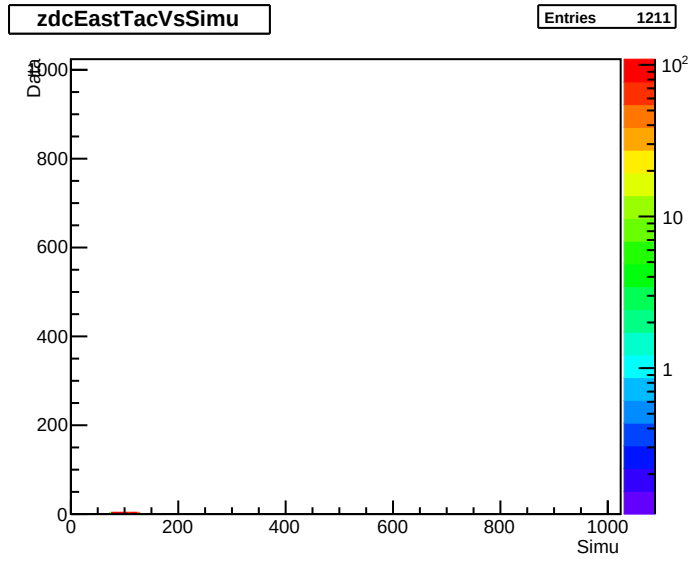

vpdWestAdcSum
Entries 704625

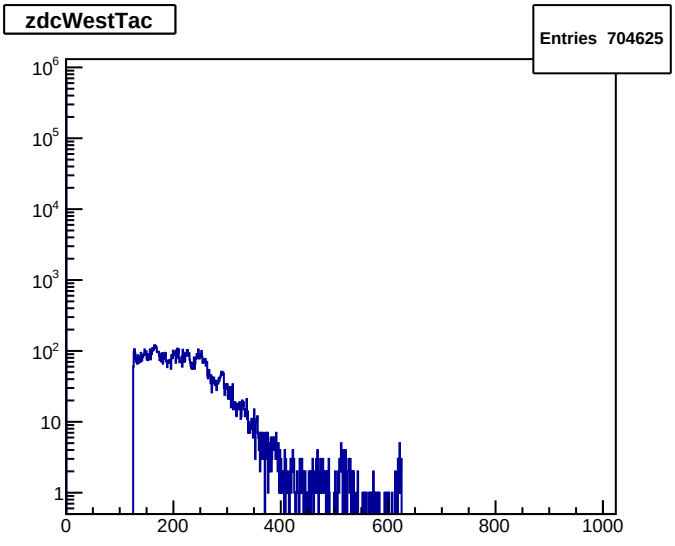

vpdWestAdcSumVsSimu
Entries 529028
Data
Simu

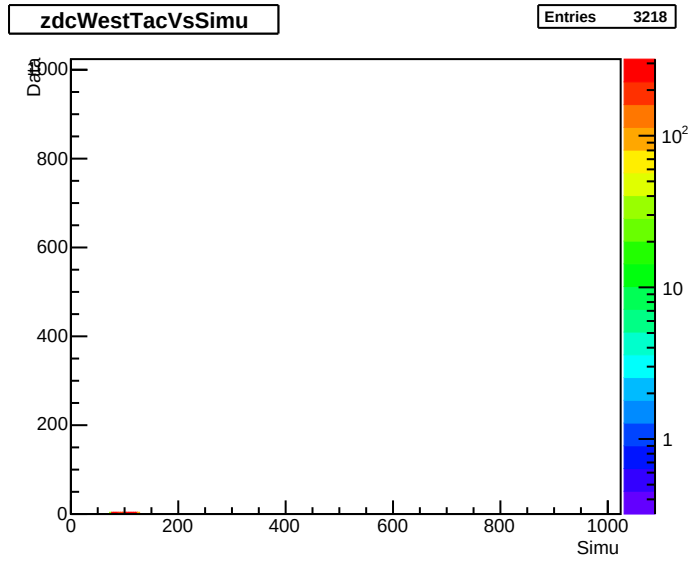

vpdWestTacMax
Entries 704625

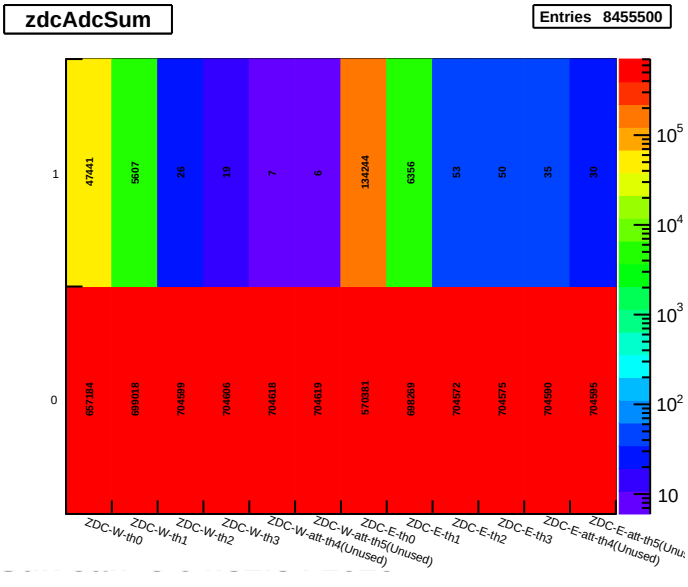

vpdWestTacMaxVsSimu
Entries 529028
Data
Simu

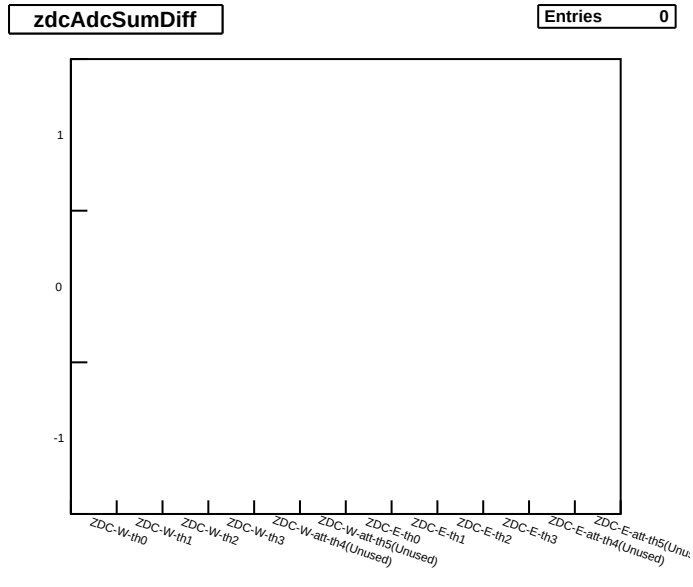

zdcEastTac
Entries 704625

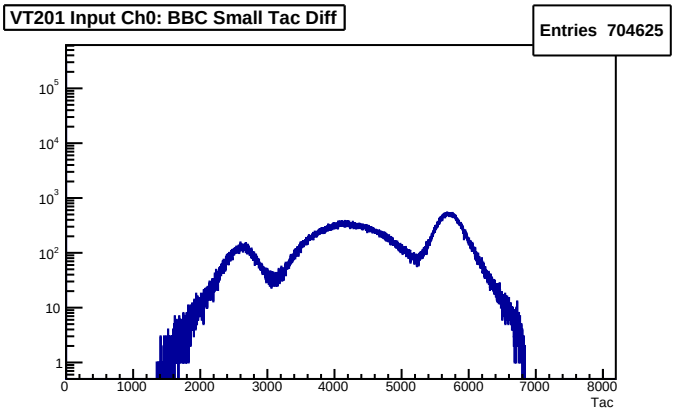

zdcEastTacVsSimu
Entries 1211
Data
Simu

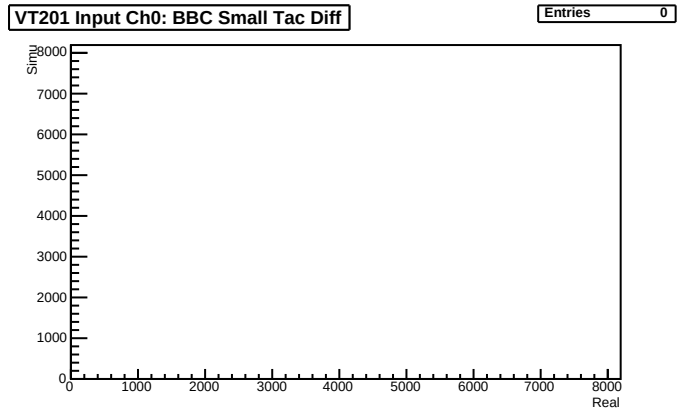

zdcWestTac
Entries 704625

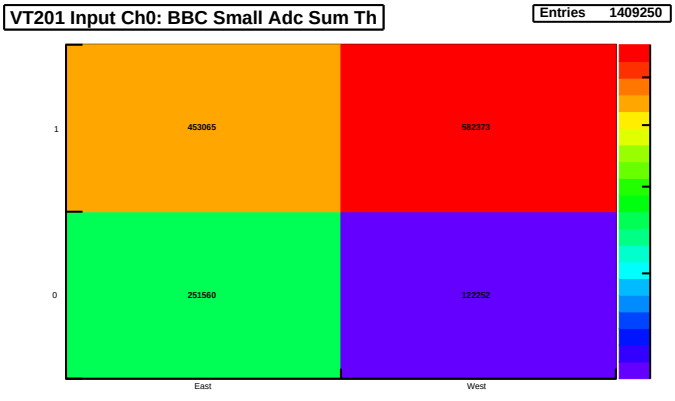

zdcWestTacVsSimu
Entries 3218
Data
Simu

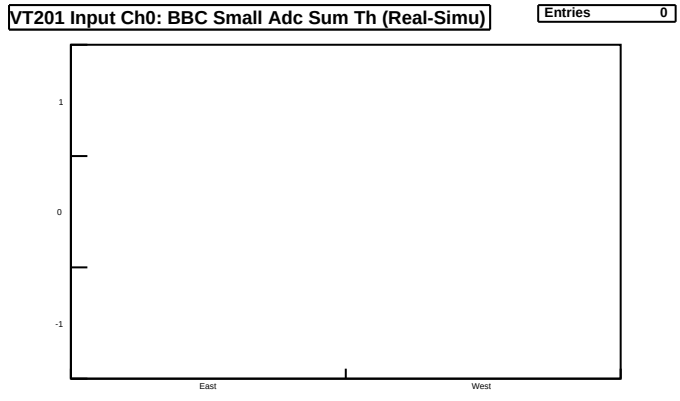

zdcAdcSum
Entries 8455500
47441
5607
26
19
7
6
134244
6356
53
50
35
30
657184
699018
704599
704606
704618
704619
570381
698289
704572
704575
704590
704595
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

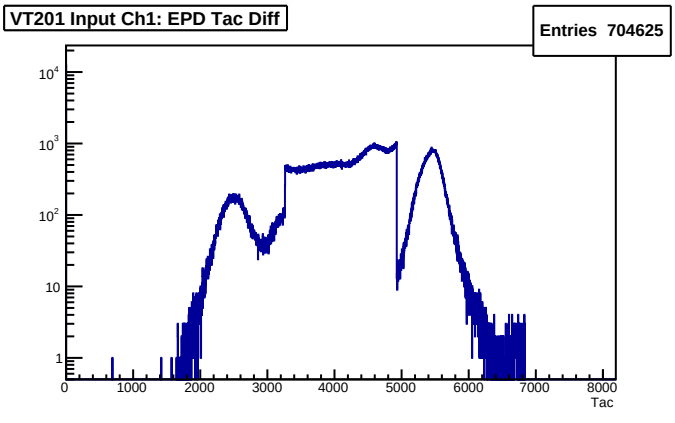

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

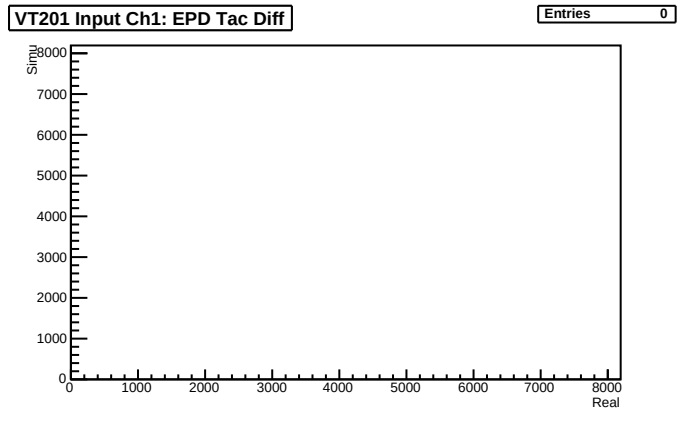

VT201 Input Ch0: BBC Small Tac Diff
Entries 704625
Tac

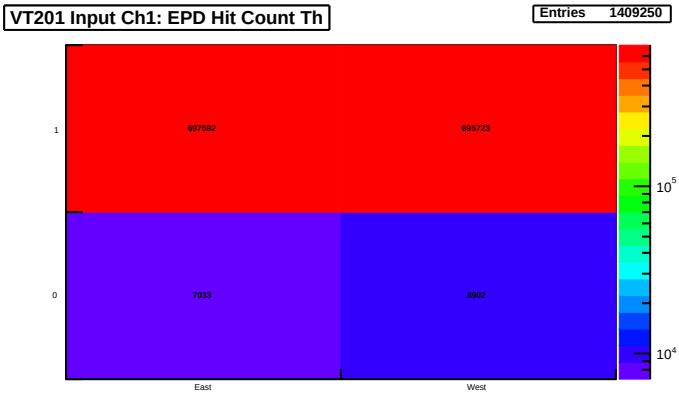

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

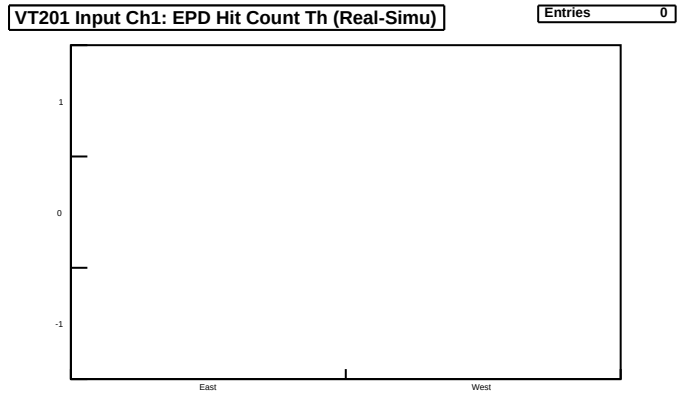

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1409250
453065
582373
251560
122252
East
West

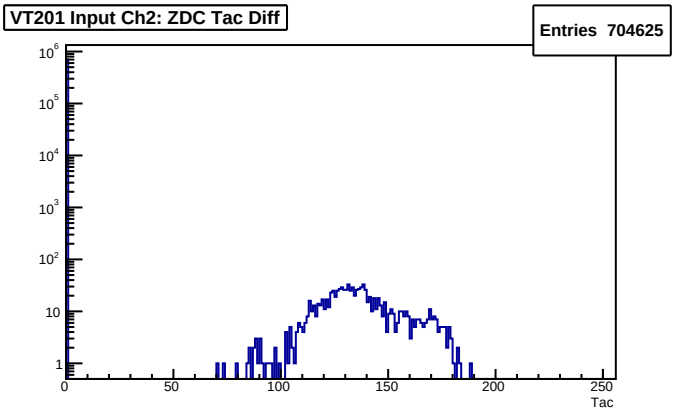

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

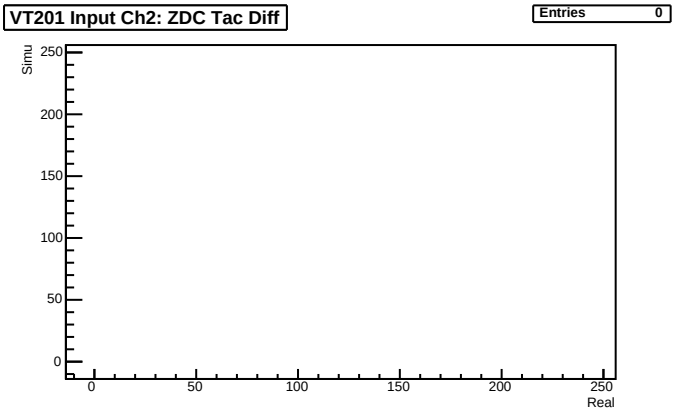

VT201 Input Ch1: EPD Tac Diff
Entries 704625
Tac

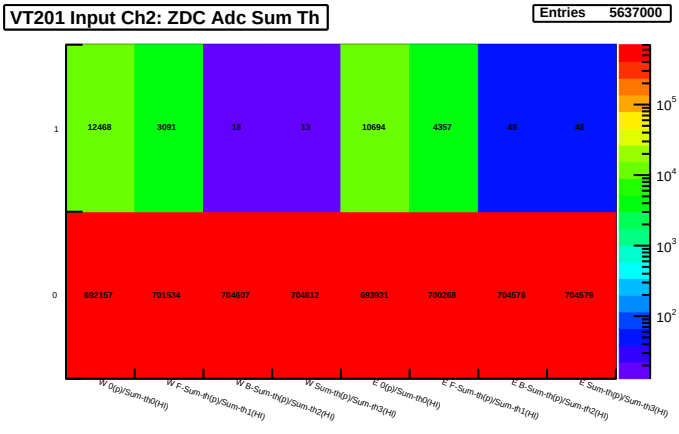

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

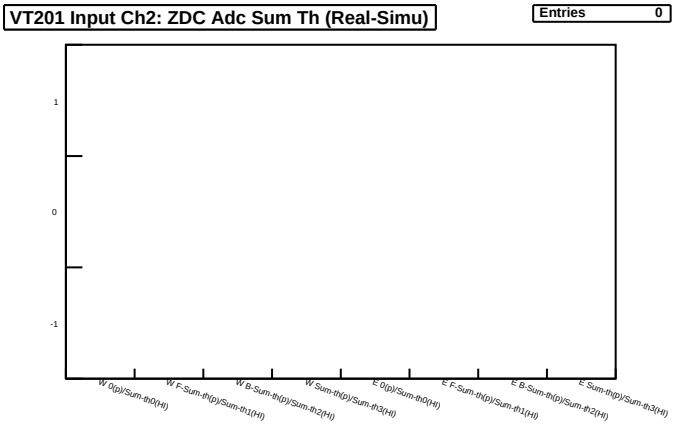

VT201 Input Ch1: EPD Hit Count Th
Entries 1409250
697592
695723
7033
8902
East
West

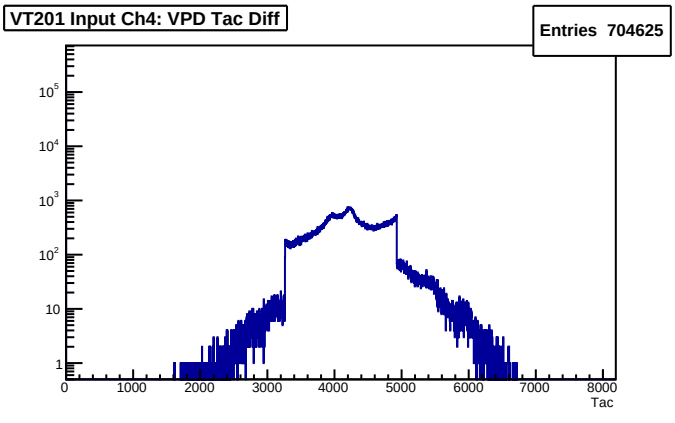

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

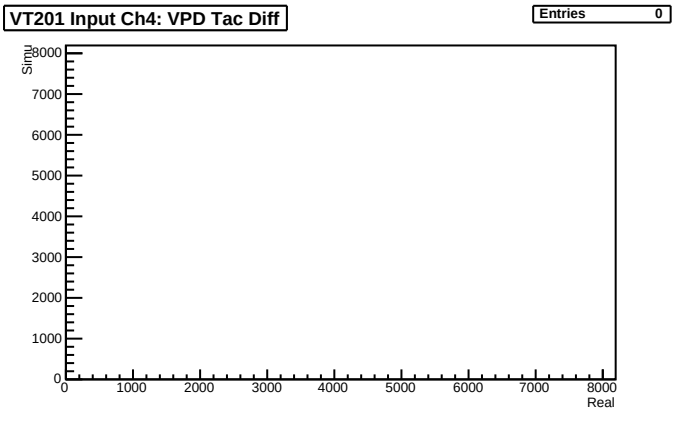

VT201 Input Ch2: ZDC Tac Diff
Entries 704625
Tac

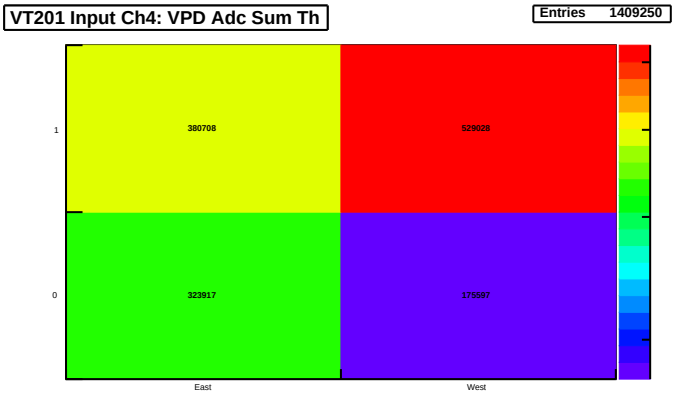

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

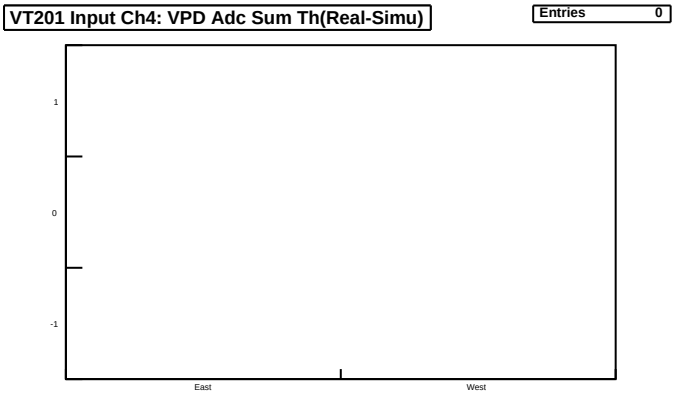

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5637000
12468
3091
18
13
10694
4357
49
46
692157
701534
704607
704612
693931
700268
704576
704579
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

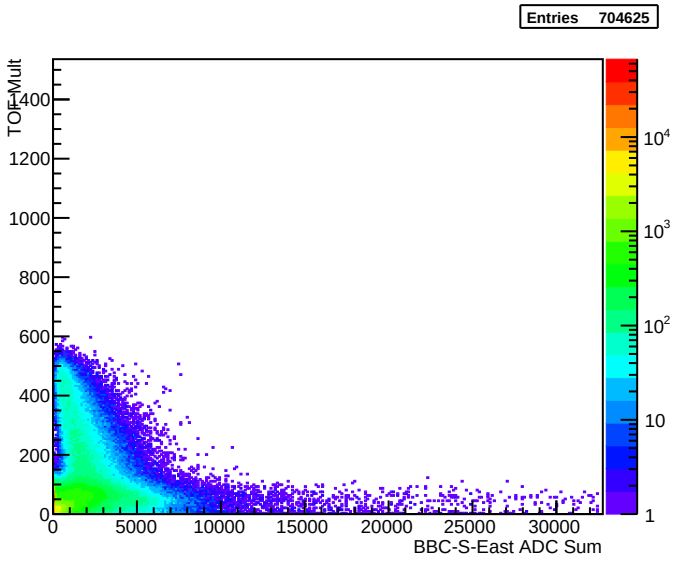

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

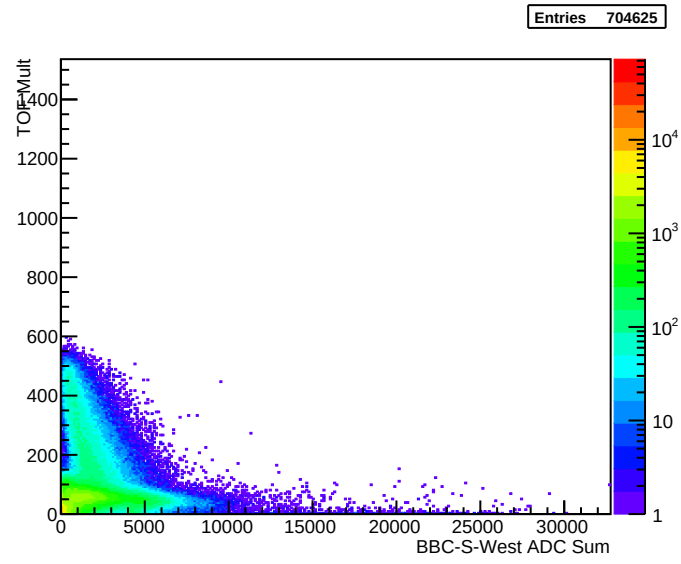

VT201 Input Ch4: VPD Tac Diff
Entries 704625
Tac

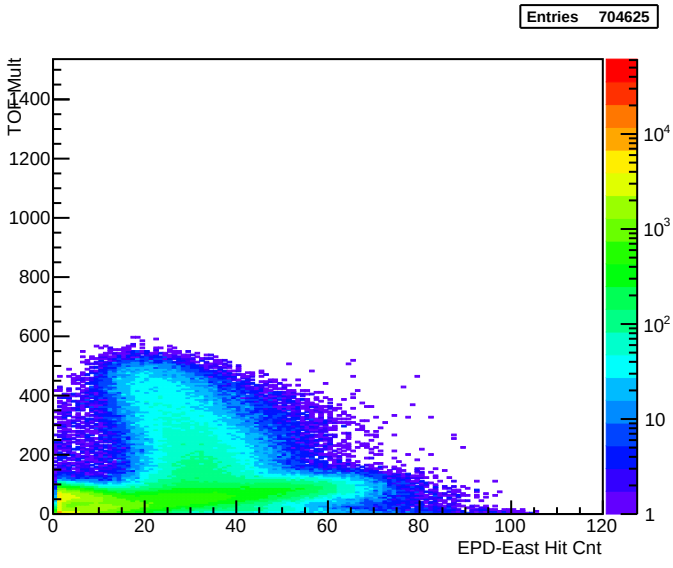

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

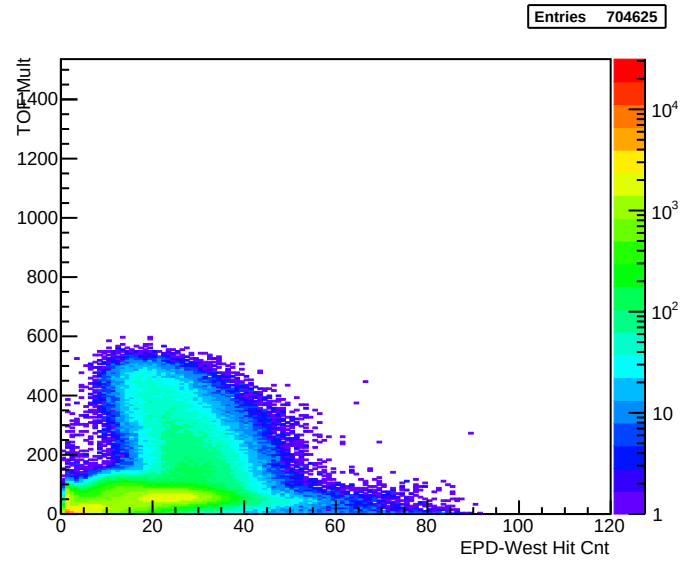

VT201 Input Ch4: VPD Adc Sum Th
Entries 1409250
380708
529028
323917
175597
East
West

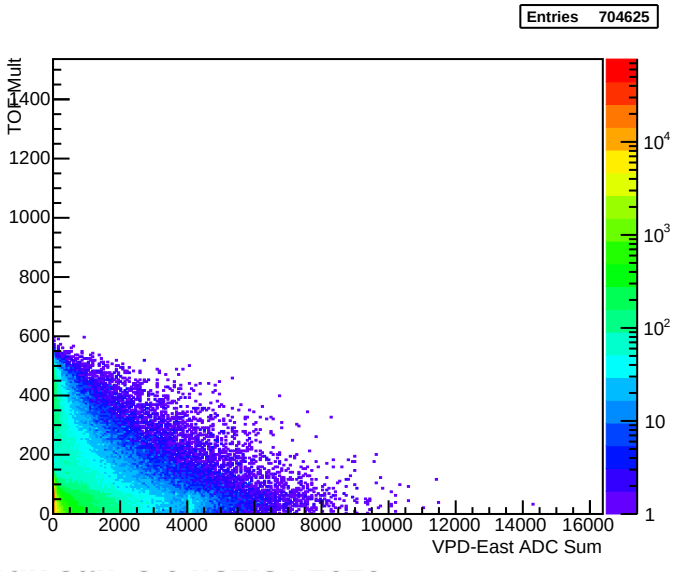

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

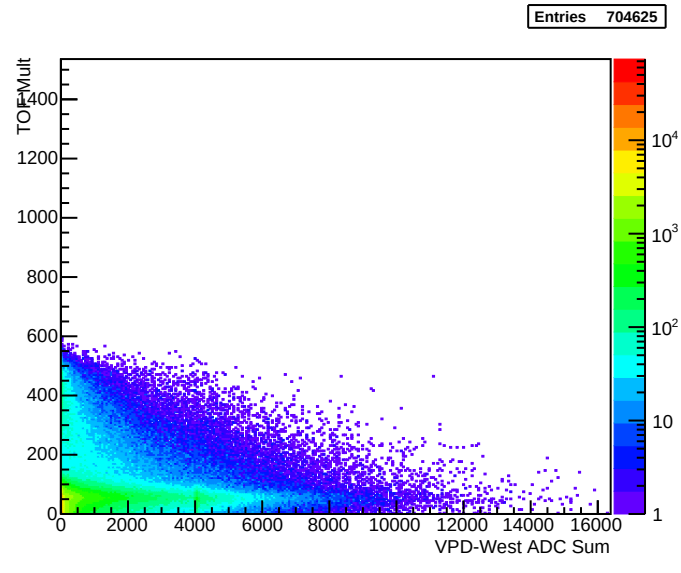

Entries 704625
TOF-Mult
BBC-S-East ADC Sum

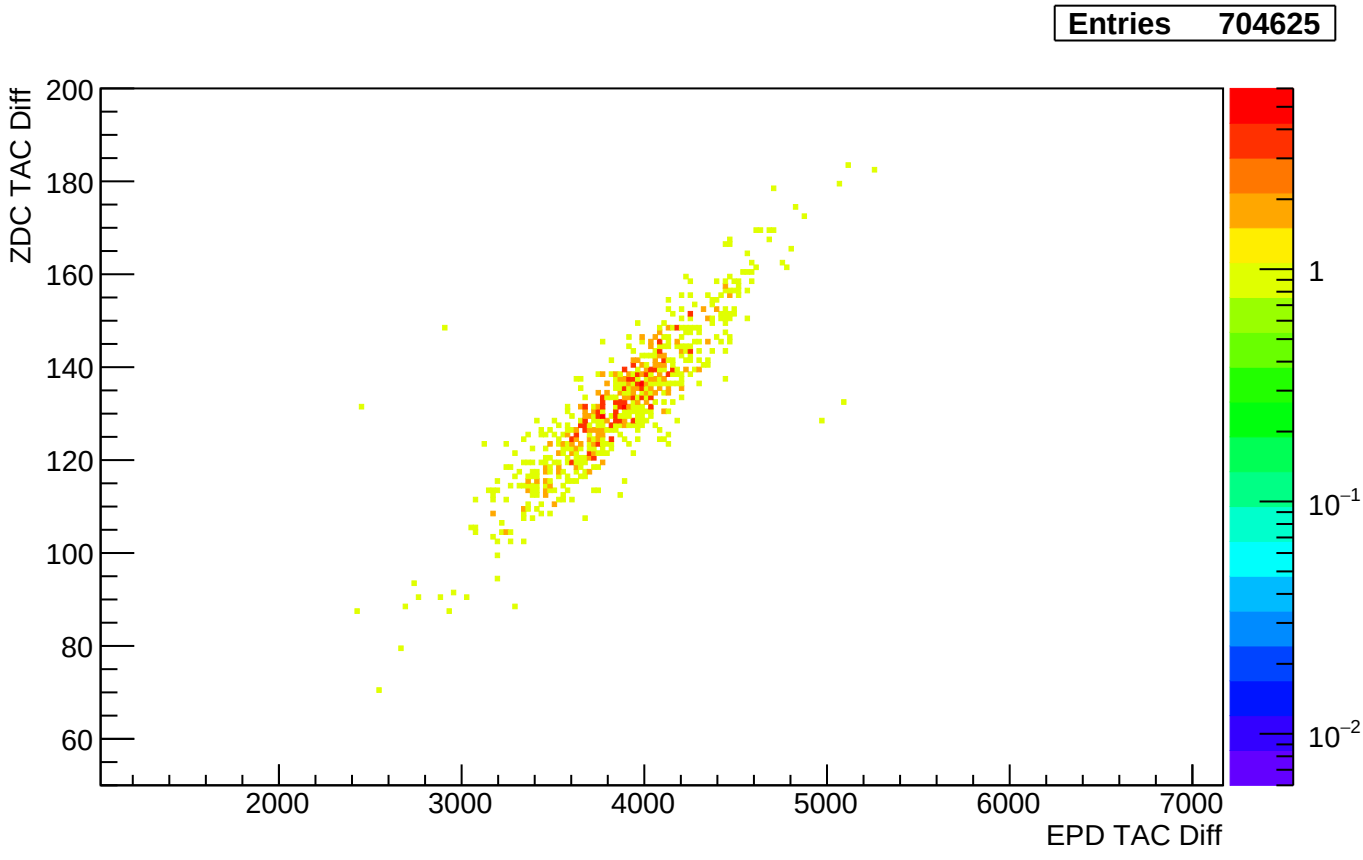

Entries 704625
TOF-Mult
BBC-S-West ADC Sum

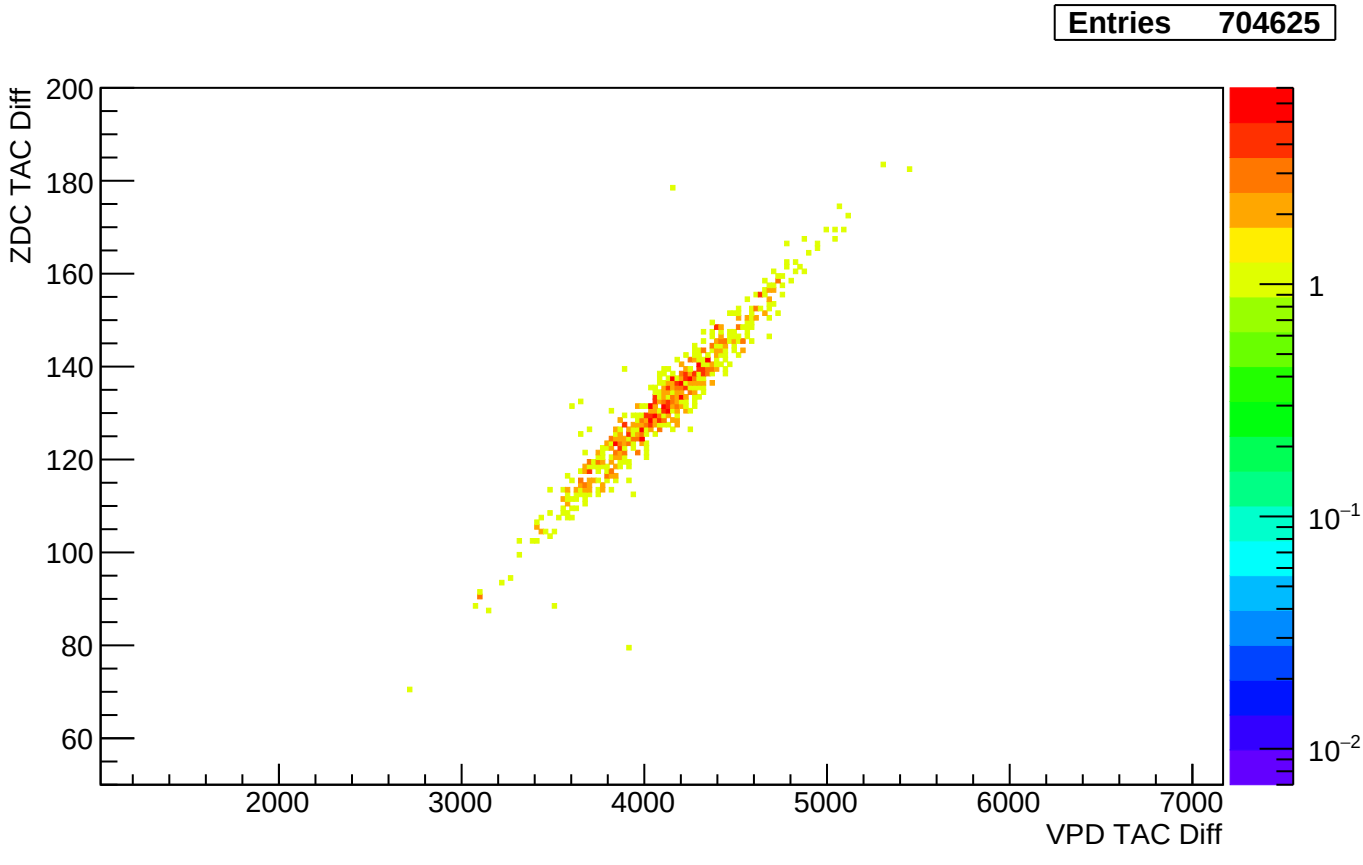

Entries 704625
TOF-Mult
EPD-East Hit Cnt

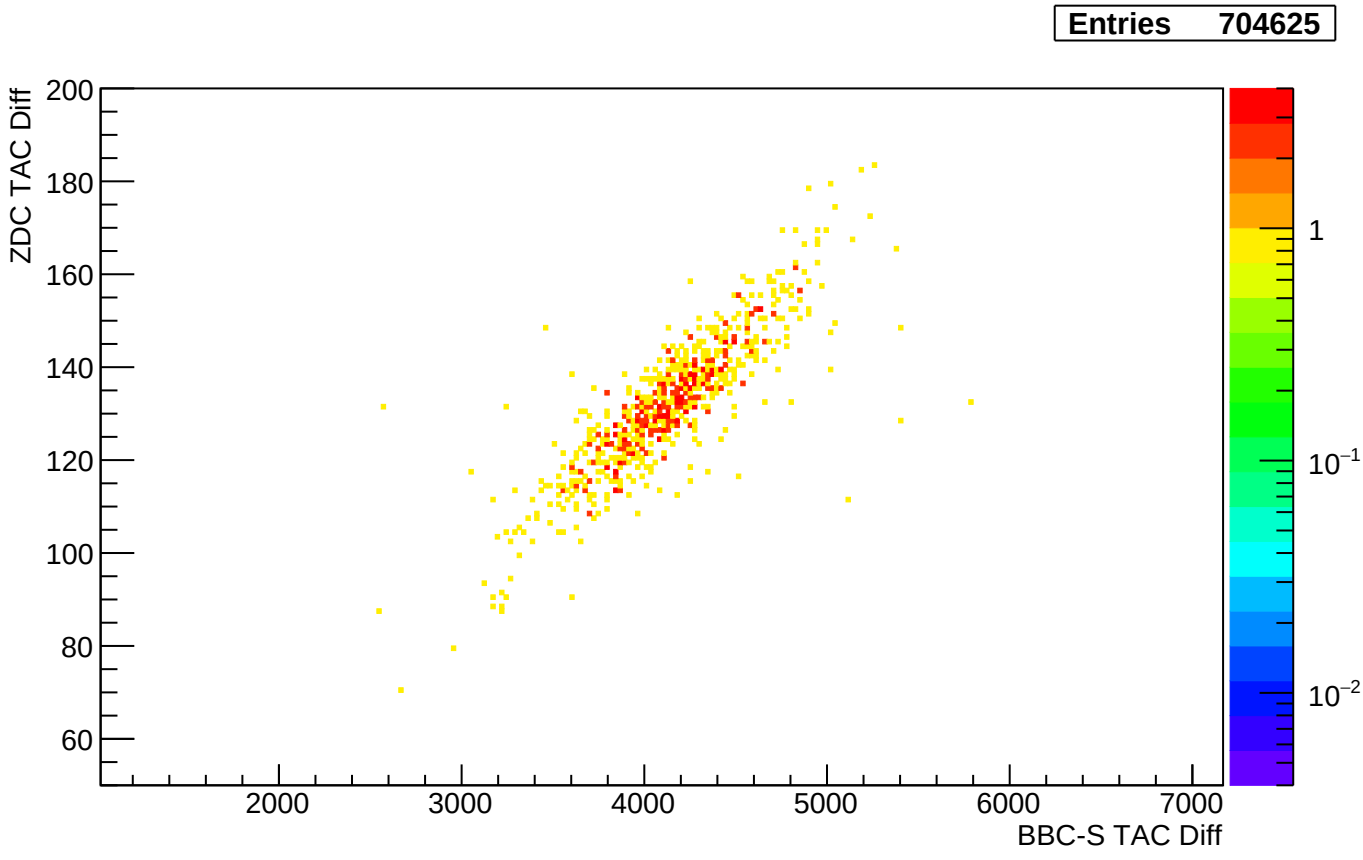

Entries 704625
TOF-Mult
EPD-West Hit Cnt

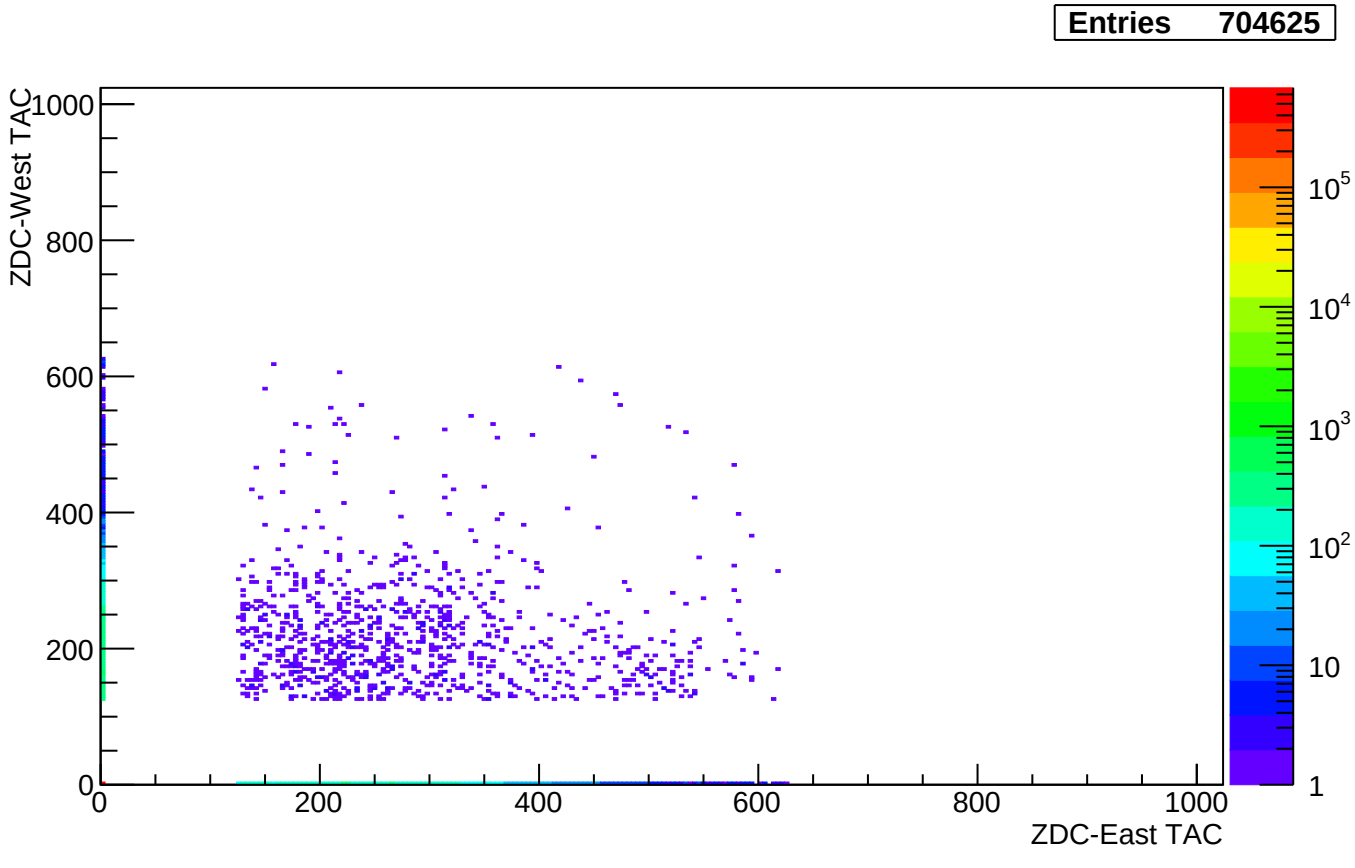

Entries 704625
TOF-Mult
VPD-East ADC Sum

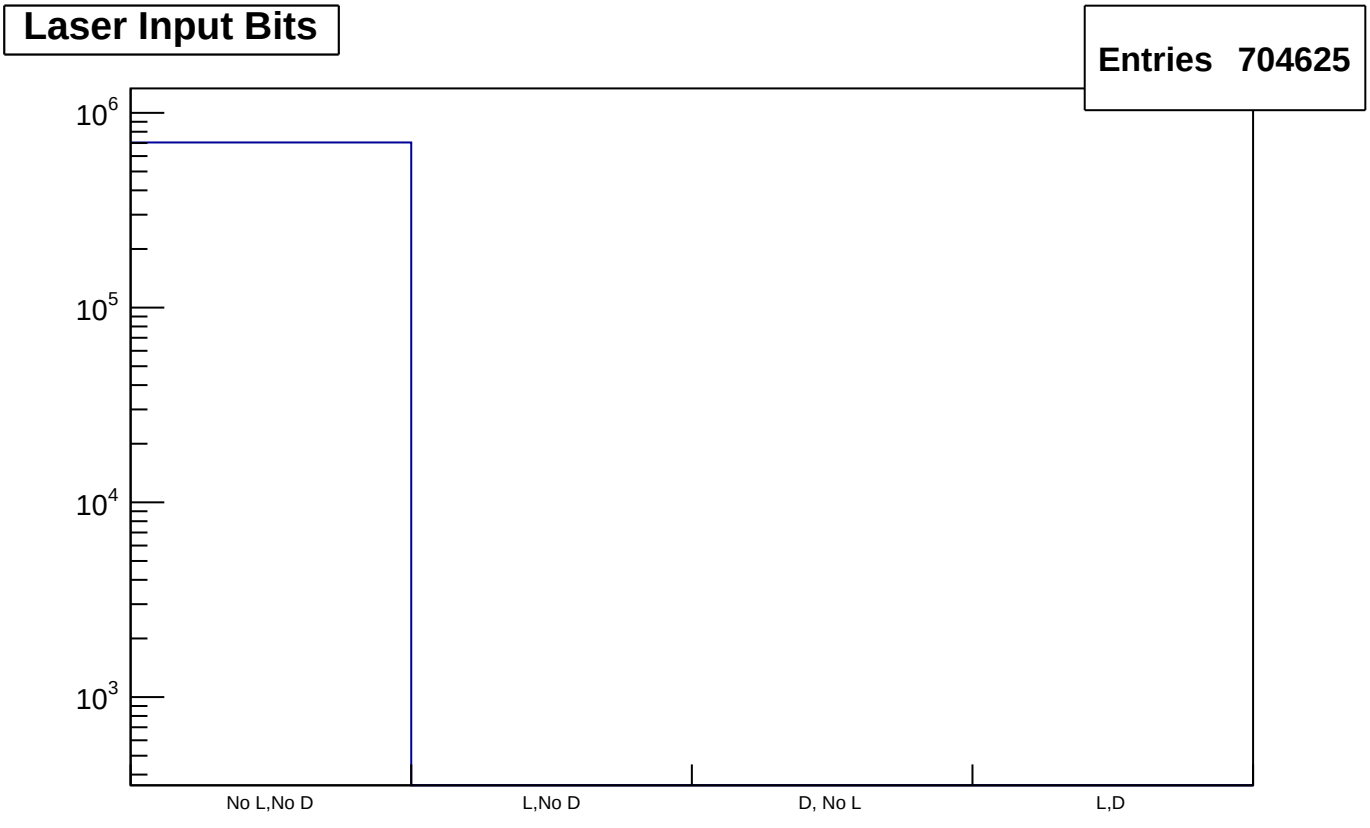

Entries 704625
TOF-Mult
VPD-West ADC Sum

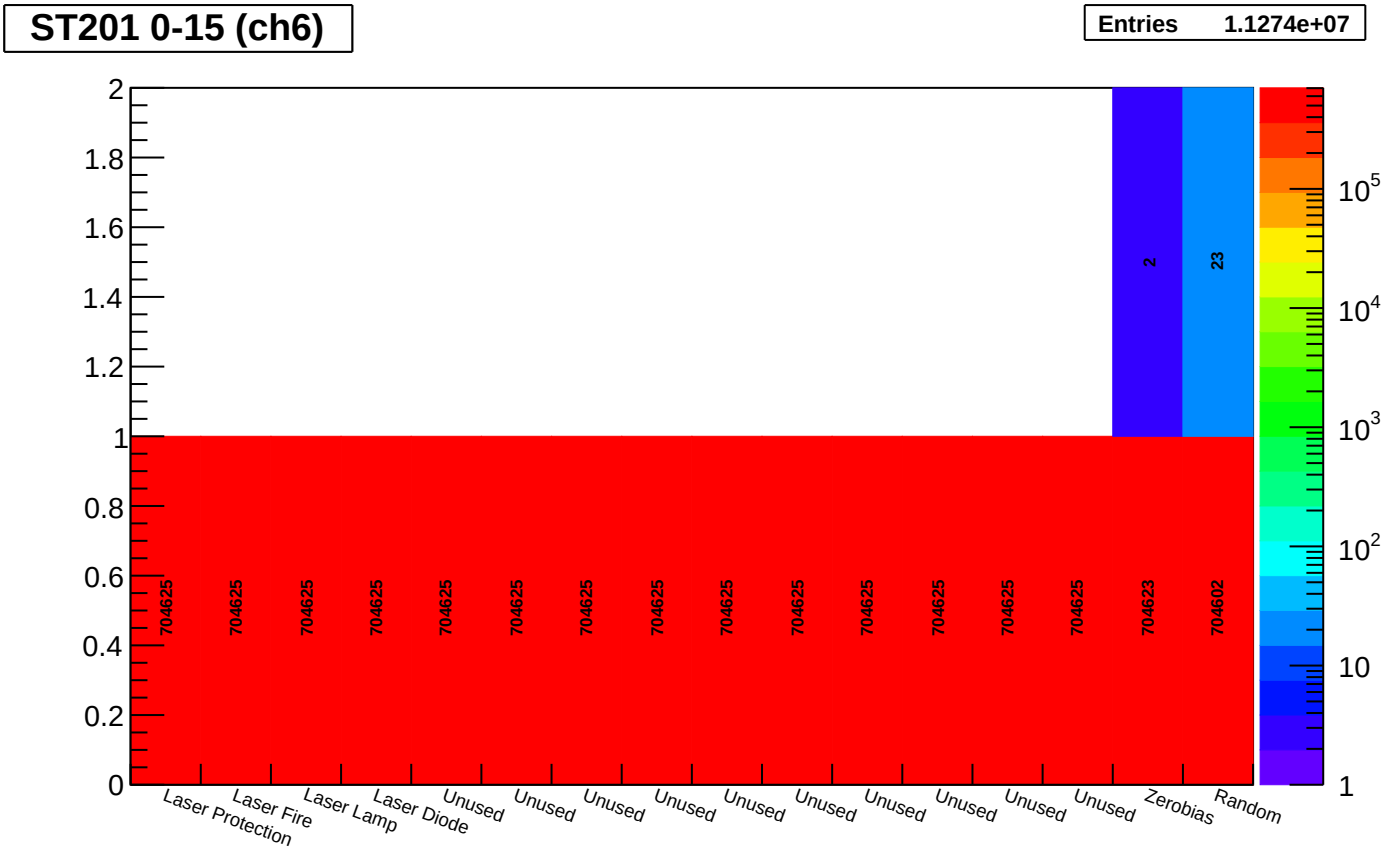

Entries 704625
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

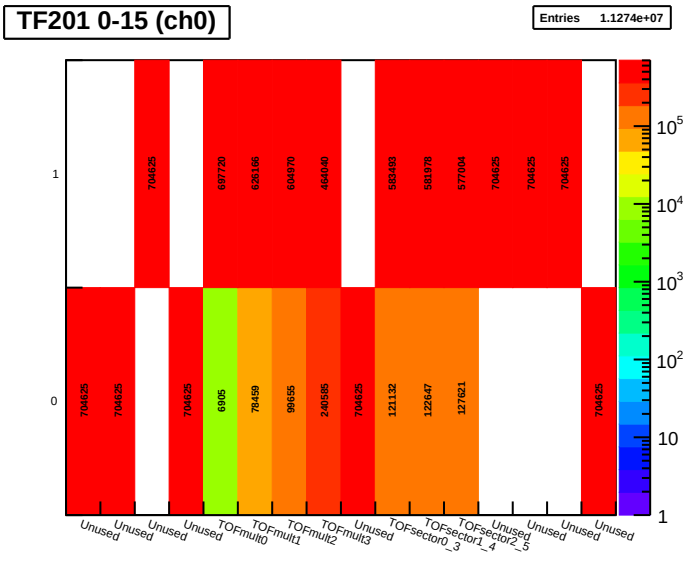

Entries 704625
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

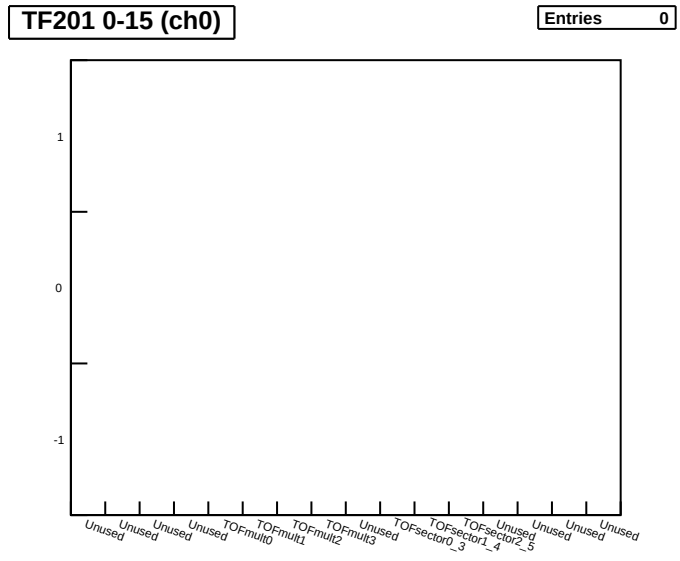

Entries 704625
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

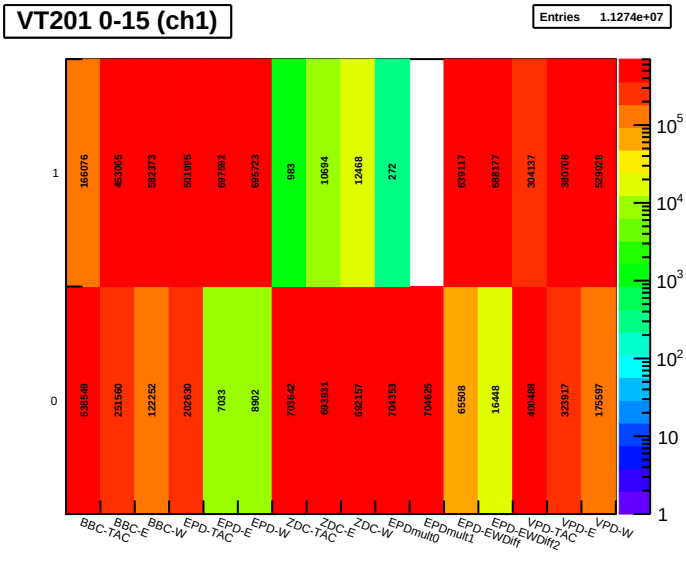

Entries 704625
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

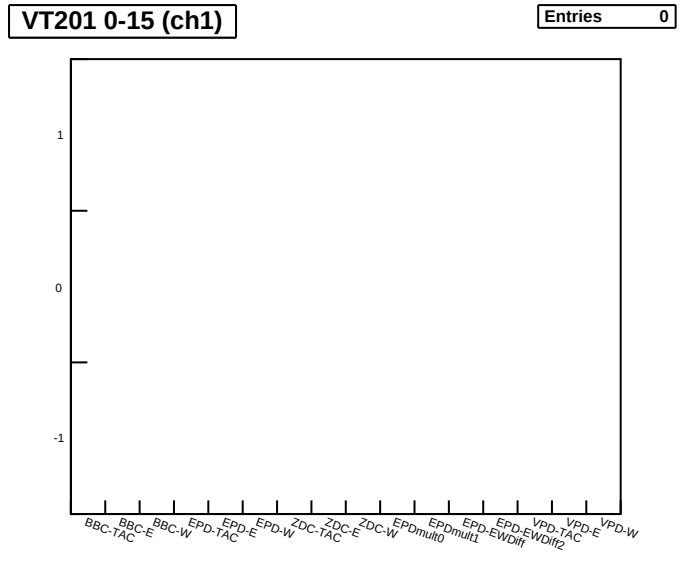

Laser Input Bits
Entries 704625
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

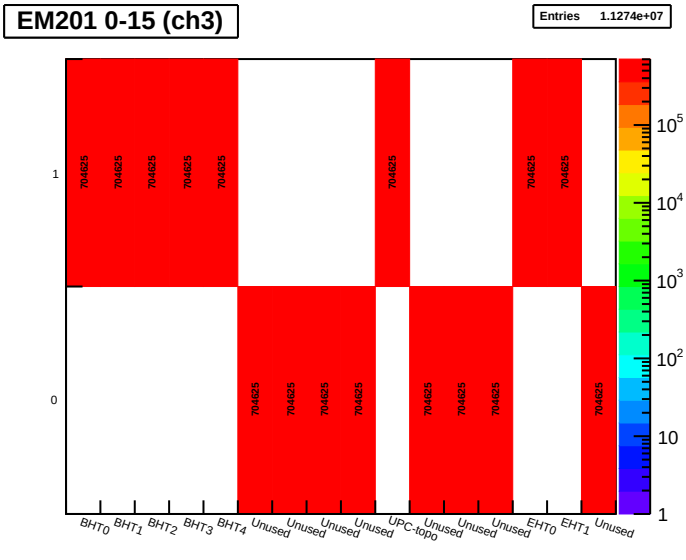

ST201 0-15 (ch6)
Entries 1.1274e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
704625
704625
704625
704625
704625
704625
704625
704625
704625
704625
704625
704625
704625
704623
704602
2
23
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

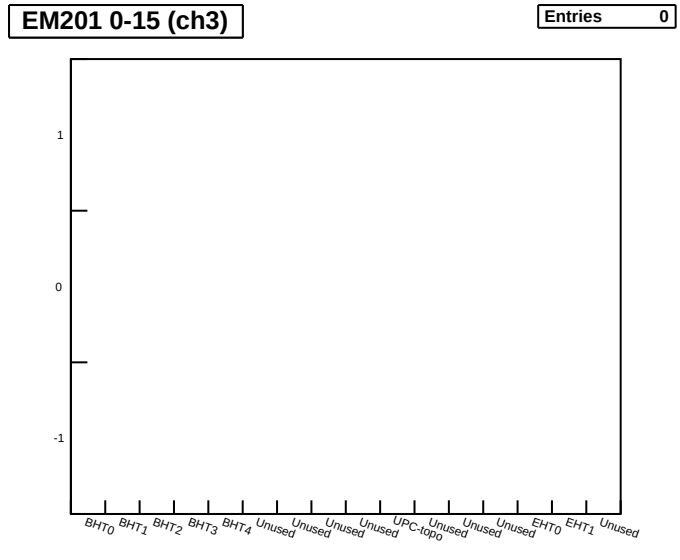

TF201 0-15 (ch0)
Entries 1.1274e+07
1
0
704625 704625 704625 697720 626166 604970 464040 583493 581978 577004 704625 704625 704625
704625 704625 704625 6905 78459 99655 240585 704625 121132 122647 127621 704625
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 Unused


VT201 0-15 (ch1)
Entries 1.1274e+07
1
0
166076 453065 582373 501995 697592 695723 983 10694 12468 272 639117 688177 304137 380708 529028
538549 251560 122252 202630 7033 8902 703642 693931 692157 704353 704625 65508 16448 400488 323917 175597
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 1.1274e+07
1
0
704625 704625 704625 704625 704625 704625 704625 704625 704625
704625 704625 704625 704625 704625 704625 704625 704625
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