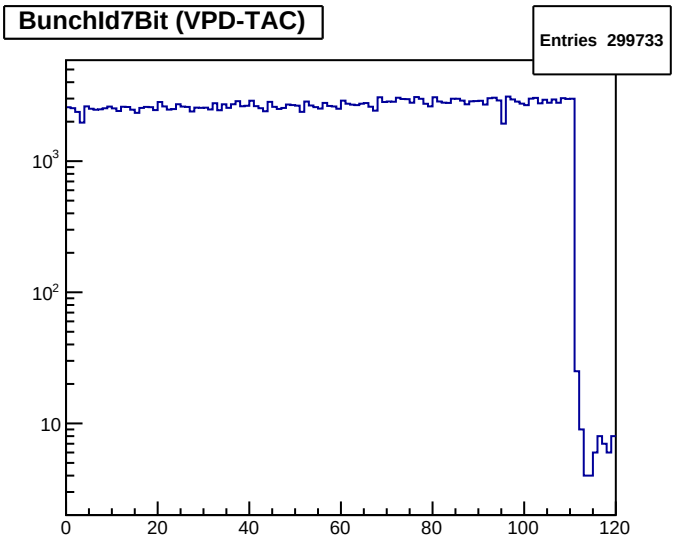
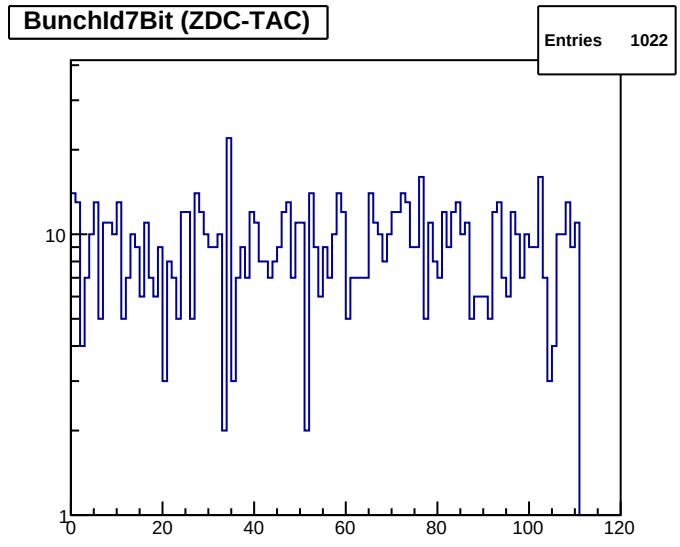
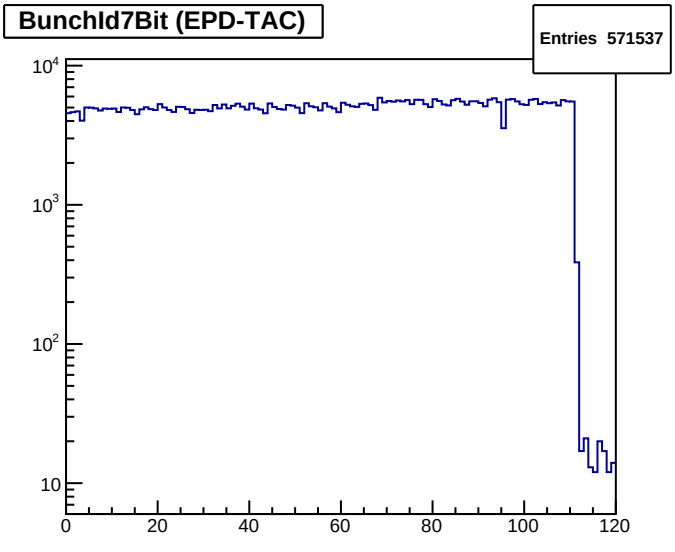
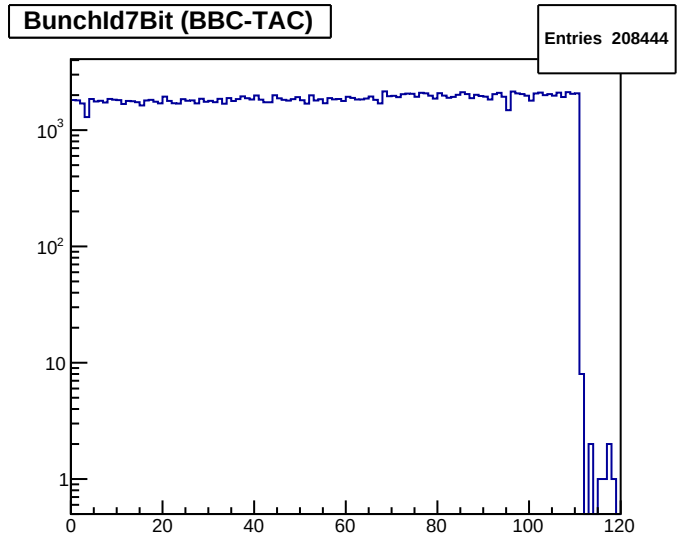
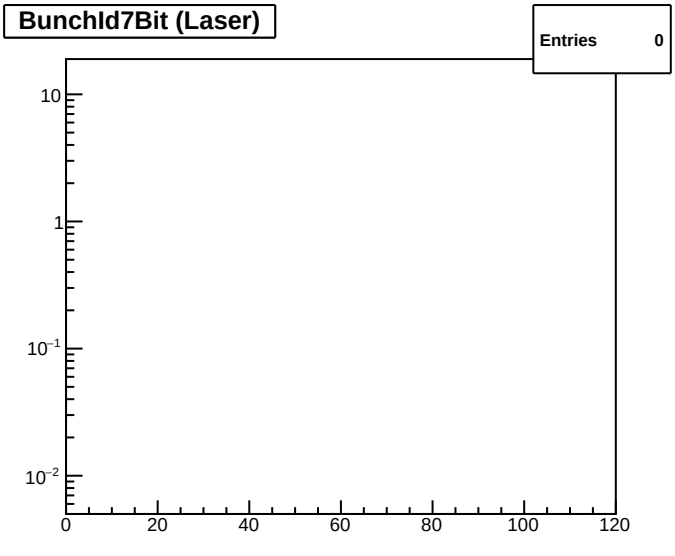
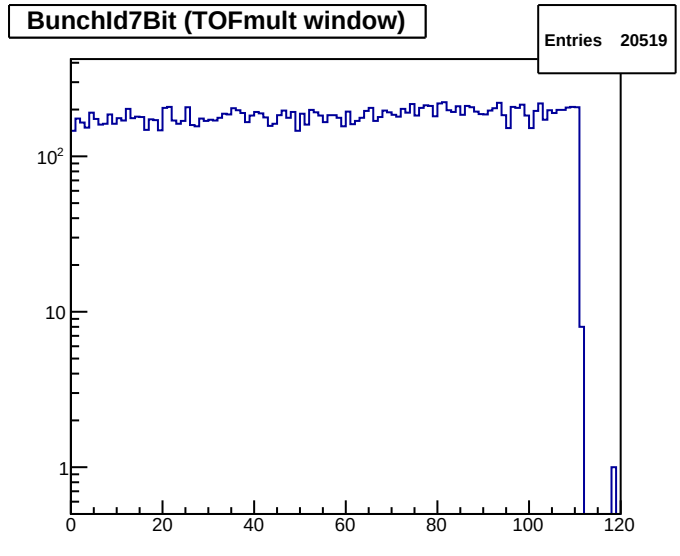

BunchId7Bit (VPD-TAC)
Entries 299733

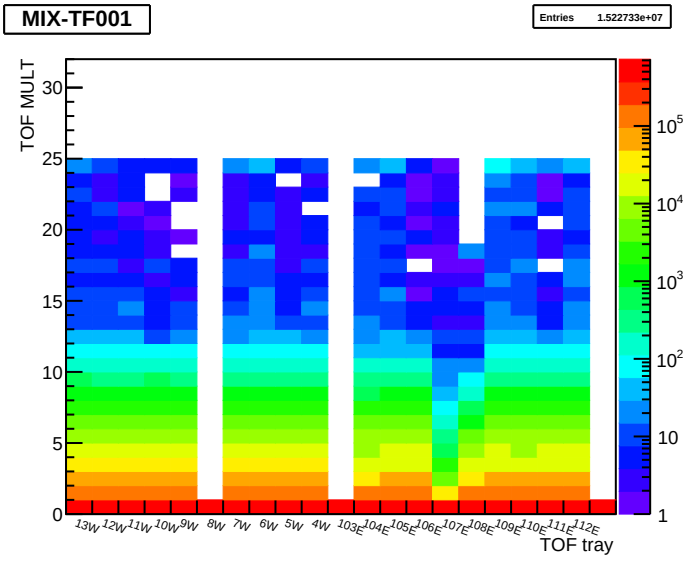

BunchId7Bit (ZDC-TAC)
Entries 1022

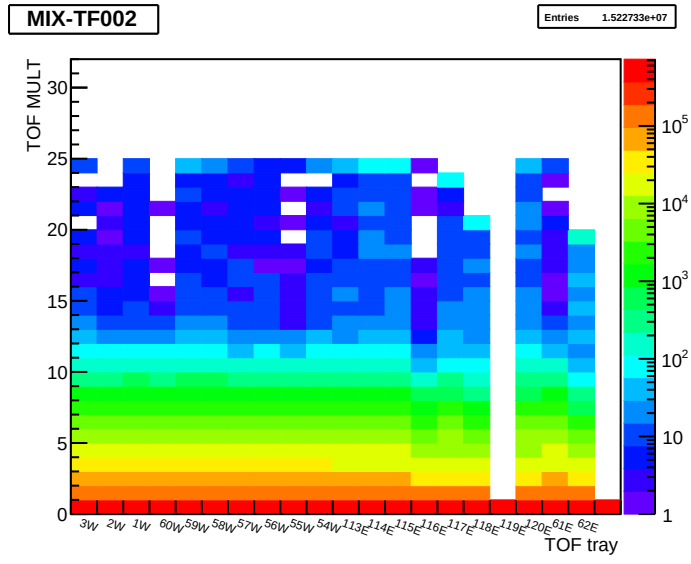

BunchId7Bit (EPD-TAC)
Entries 571537

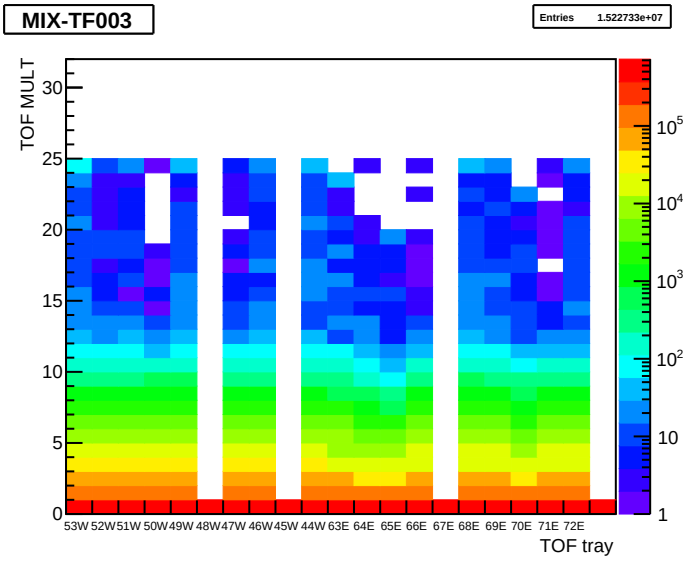

BunchId7Bit (BBC-TAC)
Entries 208444

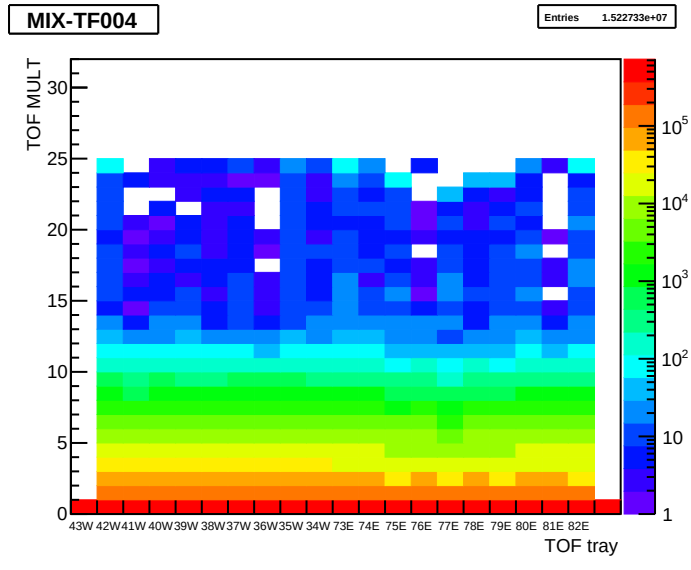

BunchId7Bit (Laser)
Entries 0

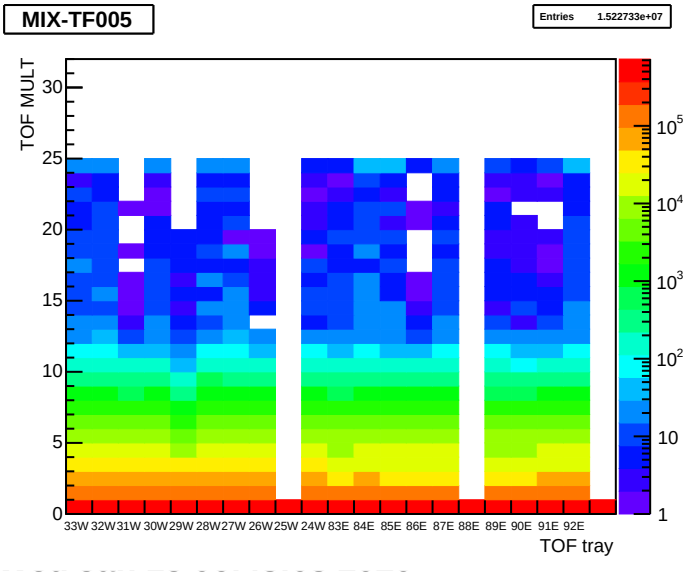

BunchId7Bit (TOFmult window)
Entries 20519

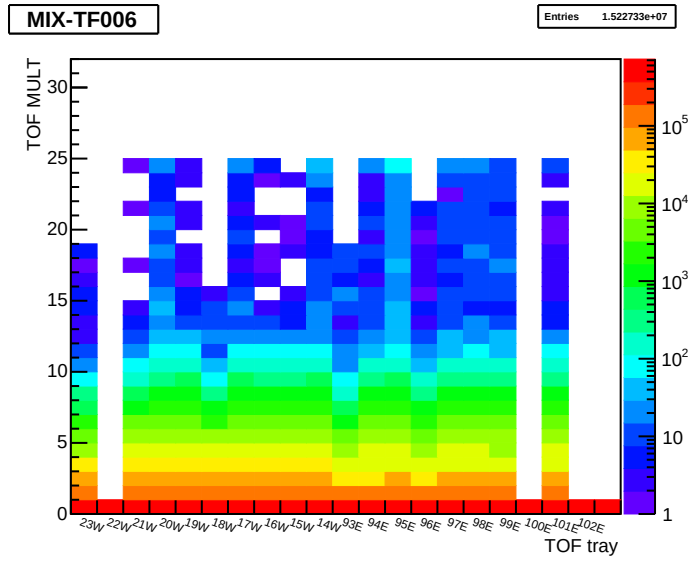

MIX-TF001
Entries 1.522733e+07
TOF MULT
TOF tray

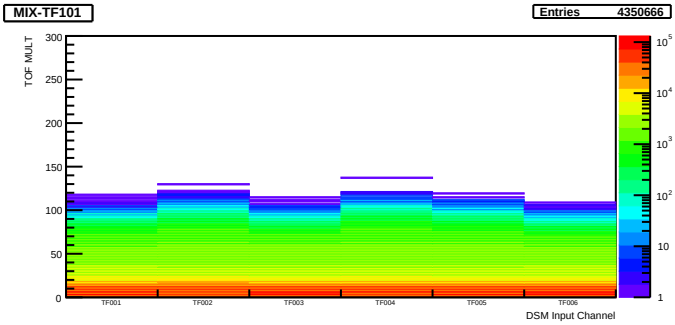

MIX-TF002
Entries 1.522733e+07
TOF MULT
TOF tray

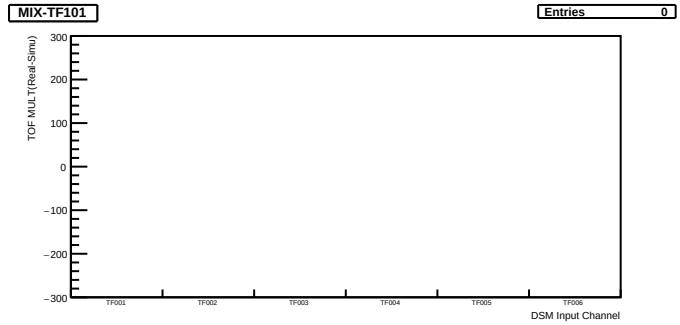

MIX-TF003
Entries 1.522733e+07
TOF MULT
TOF tray

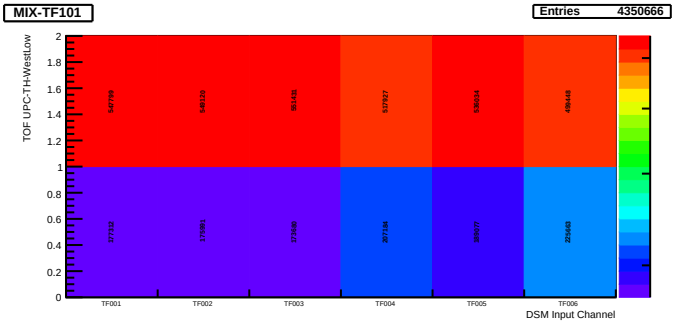

MIX-TF004
Entries 1.522733e+07
TOF MULT
TOF tray

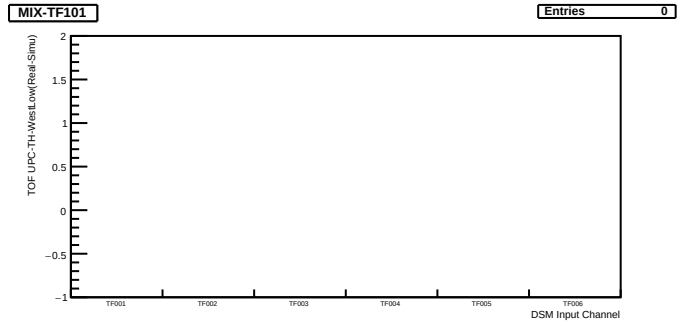

MIX-TF005
Entries 1.522733e+07
TOF MULT
TOF tray

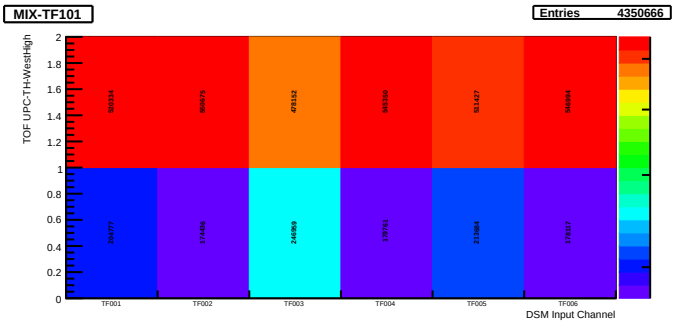

MIX-TF006
Entries 1.522733e+07
TOF MULT
TOF tray

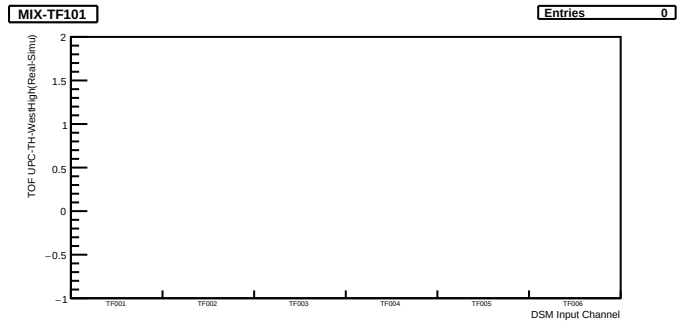

MIX-TF101
Entries 4350666
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

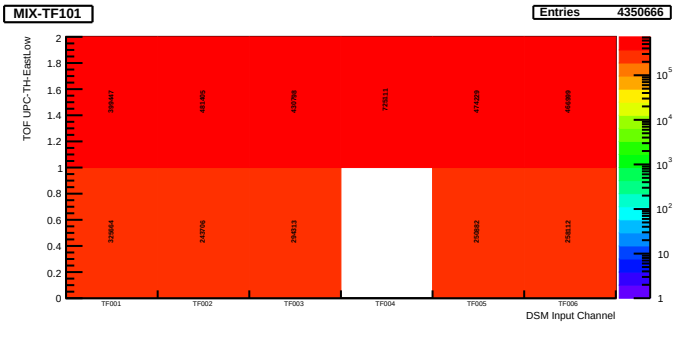

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

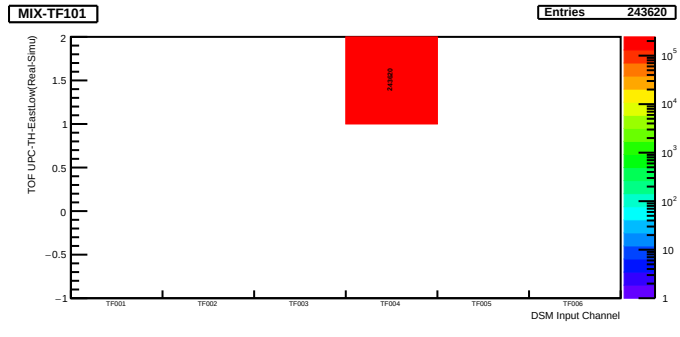

MIX-TF101
Entries 4350666
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

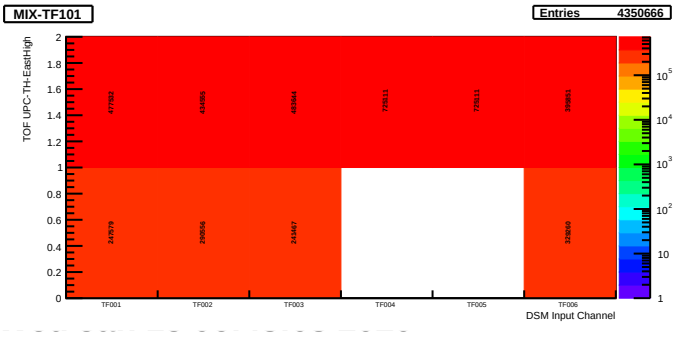

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

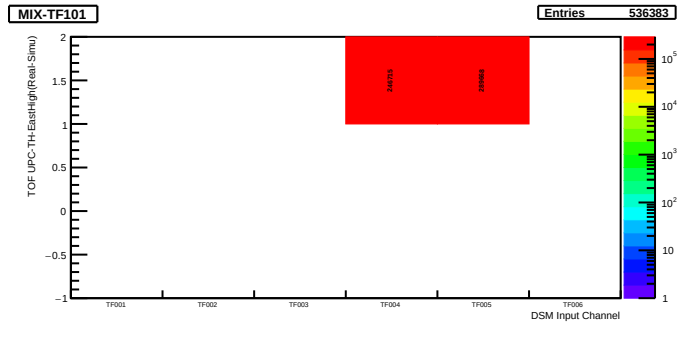

MIX-TF101
Entries 4350666
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

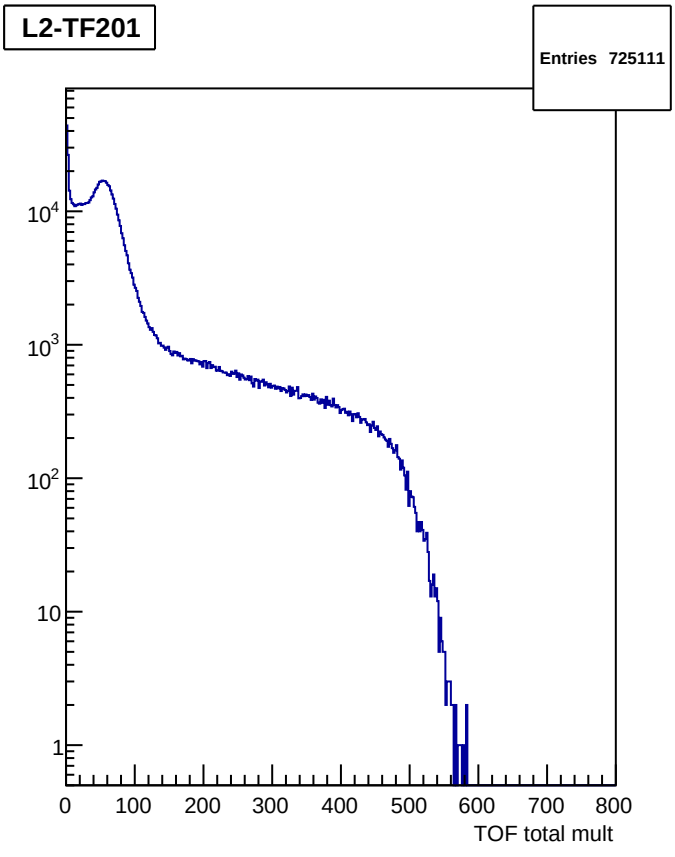

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

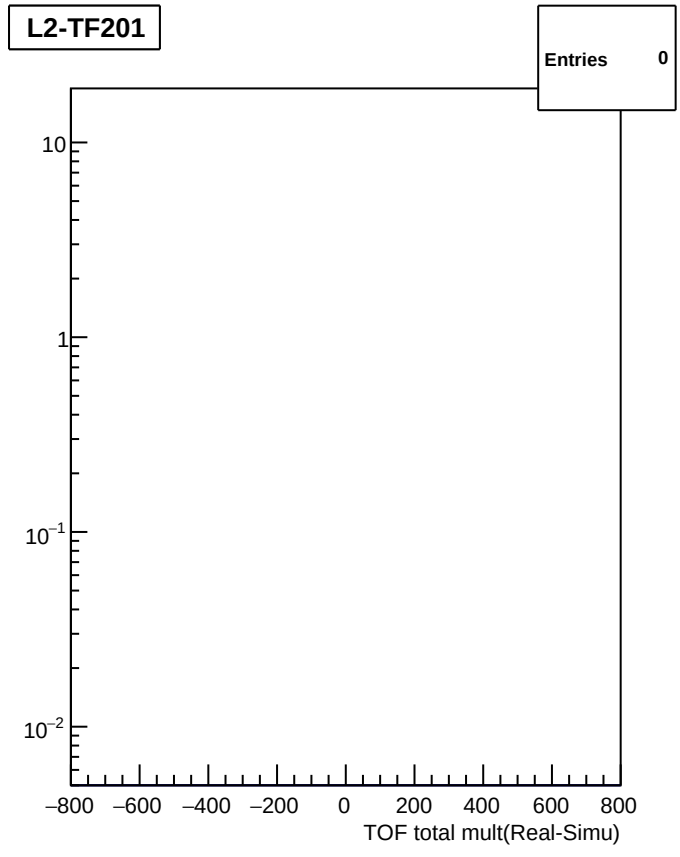

MIX-TF101
Entries 4350666
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

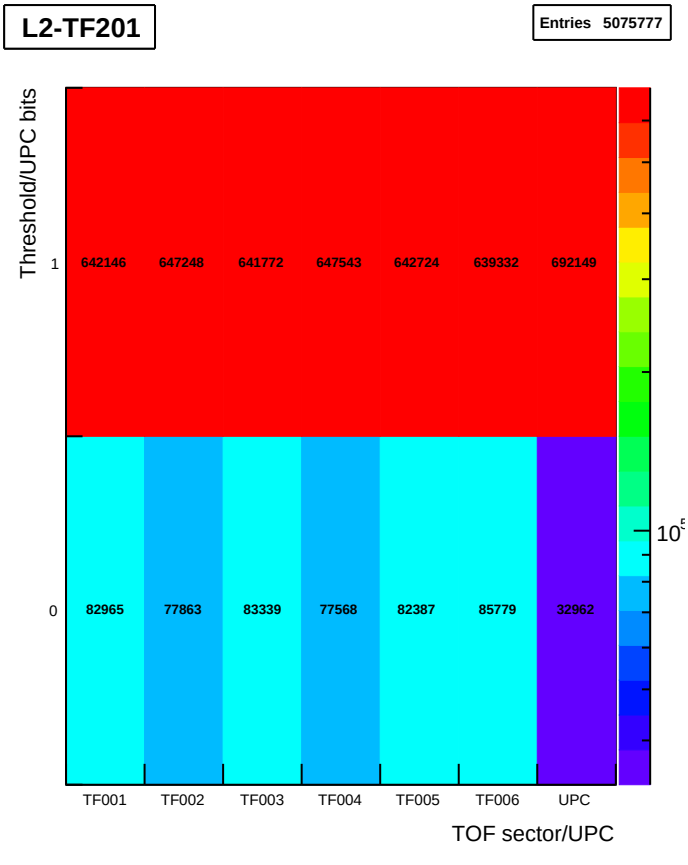

MIX-TF101
Entries 243620
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

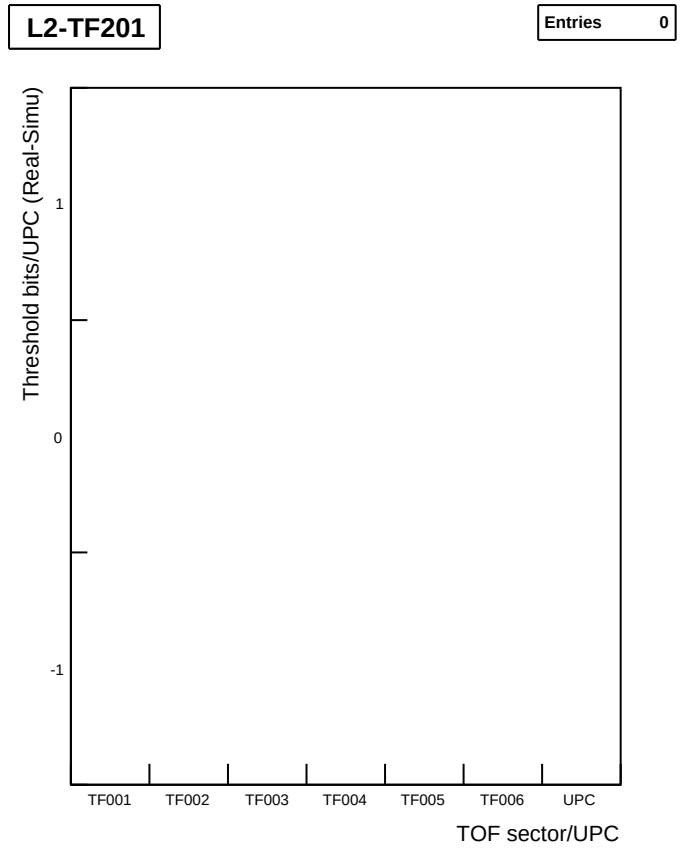

MIX-TF101
Entries 4350666
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

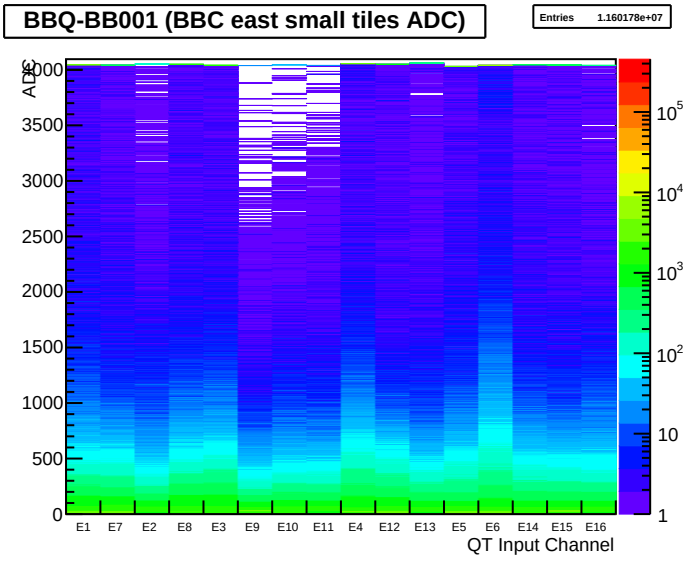

MIX-TF101
Entries 536383
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

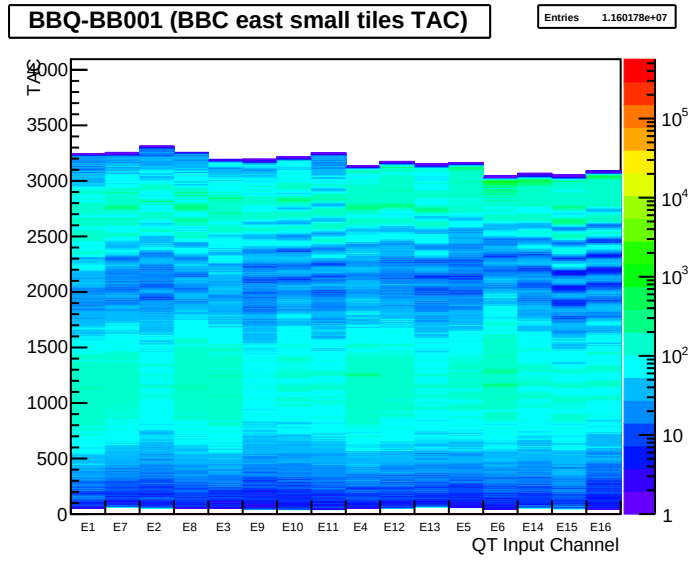

L2-TF201
Entries 725111
TOF total mult

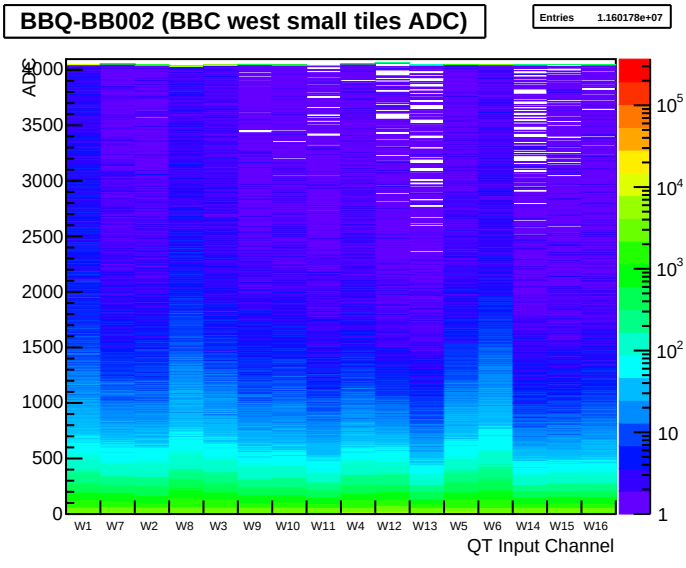

L2-TF201
Entries 0
TOF total mult(Real-Simu)

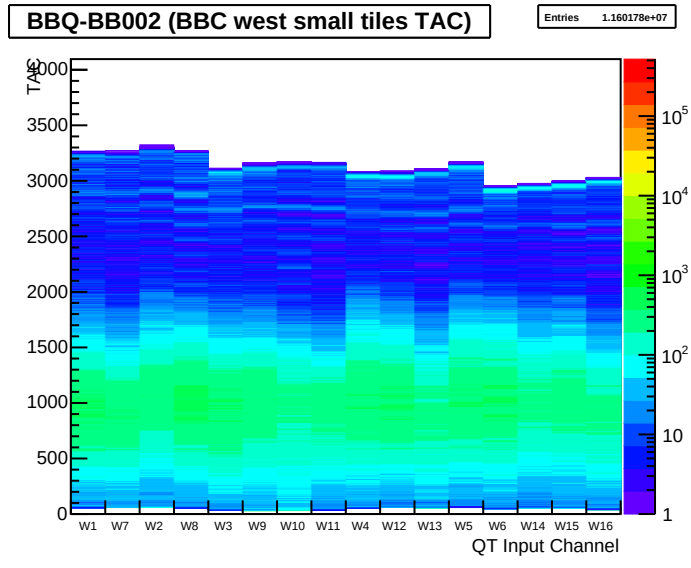

L2-TF201
Entries 5075777
Threshold/UPC bits
642146
647248
641772
647543
642724
639332
692149
82965
77863
83339
77568
82387
85779
32962
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

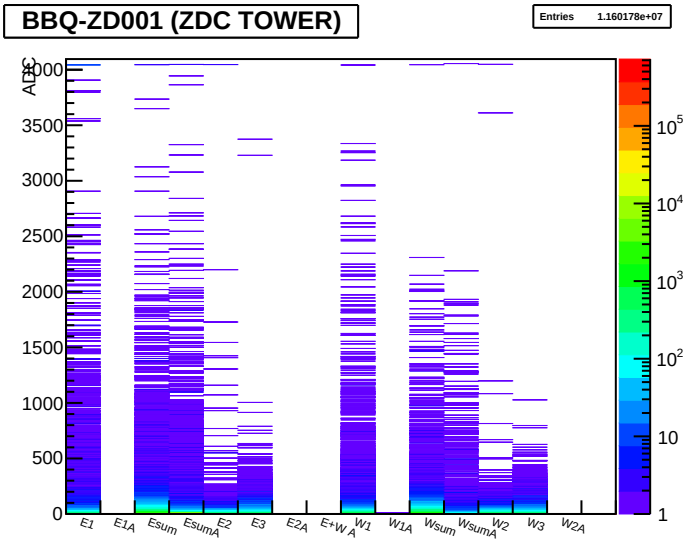

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

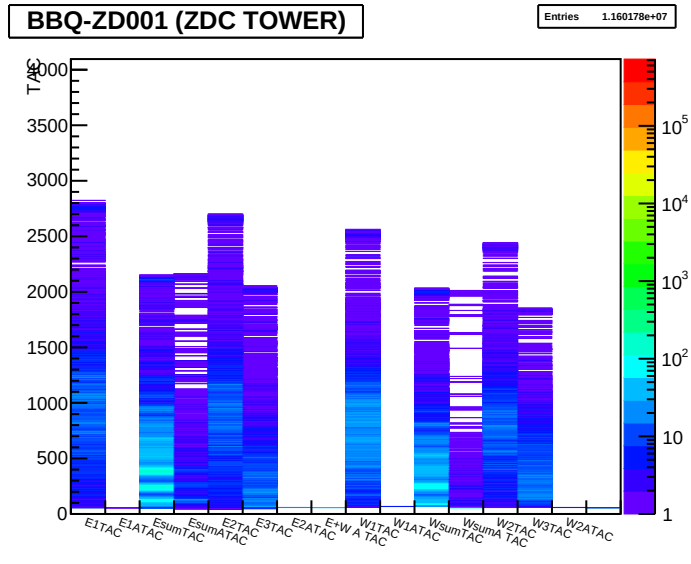

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.160178e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

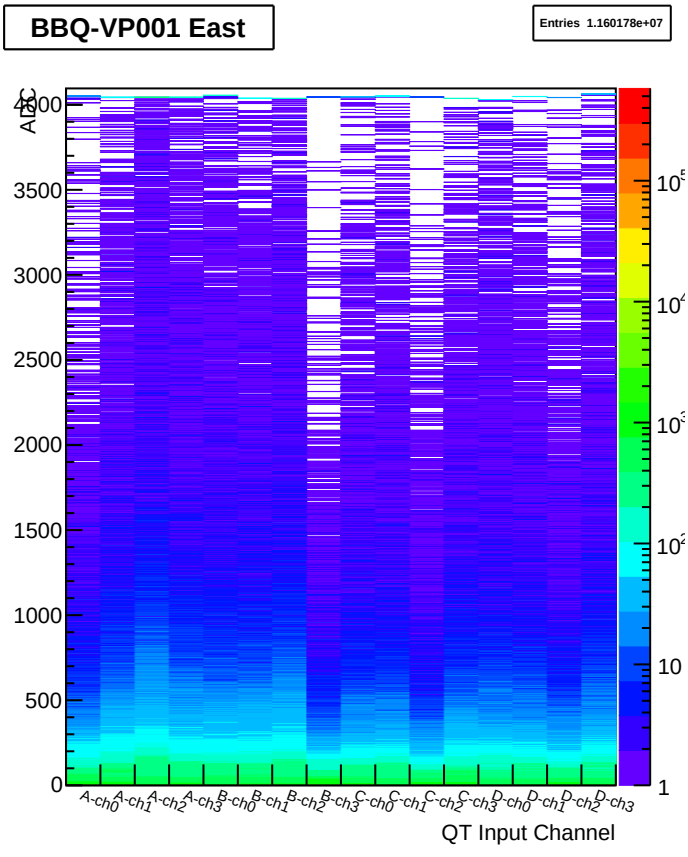

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.160178e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

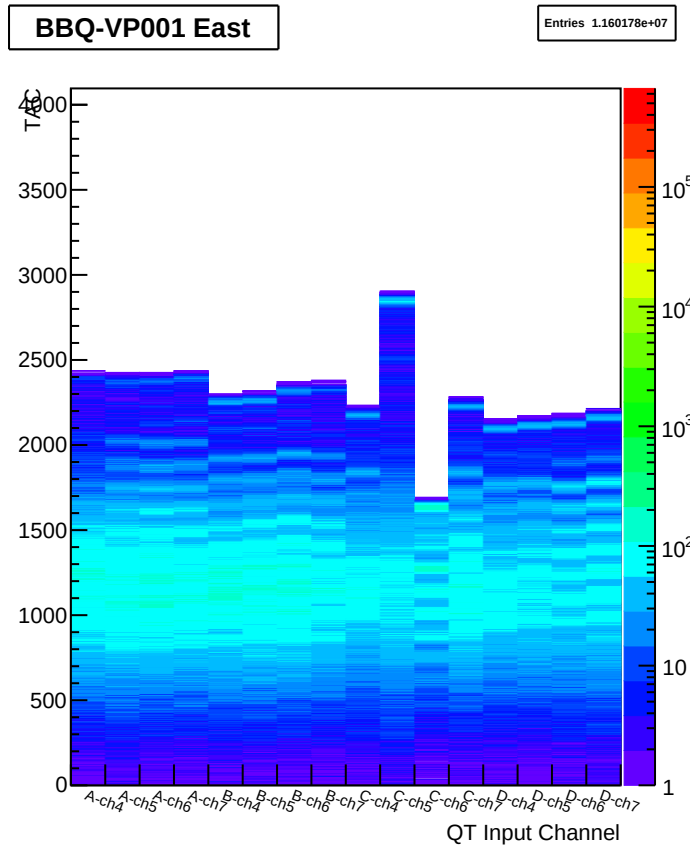

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.160178e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

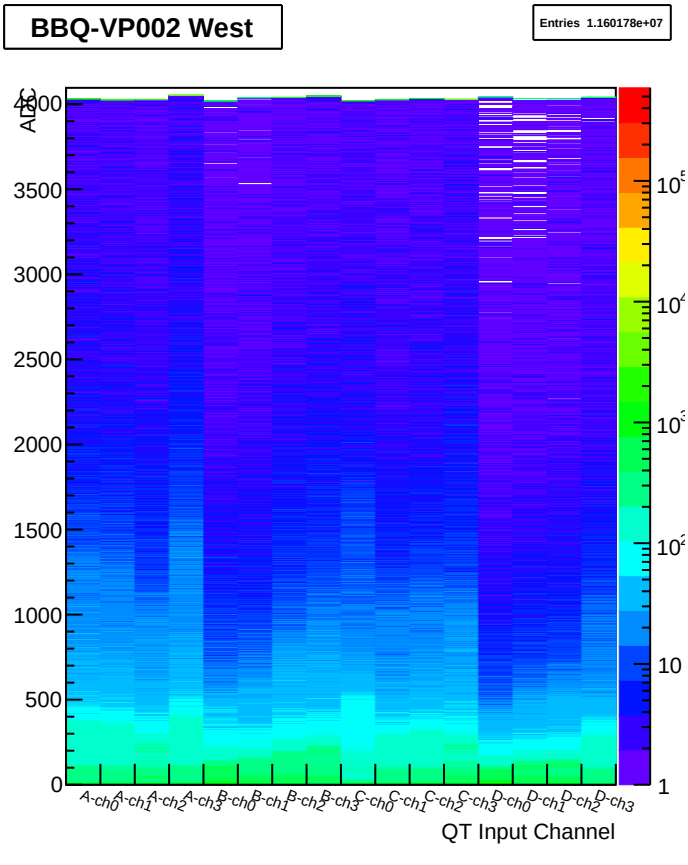

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.160178e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

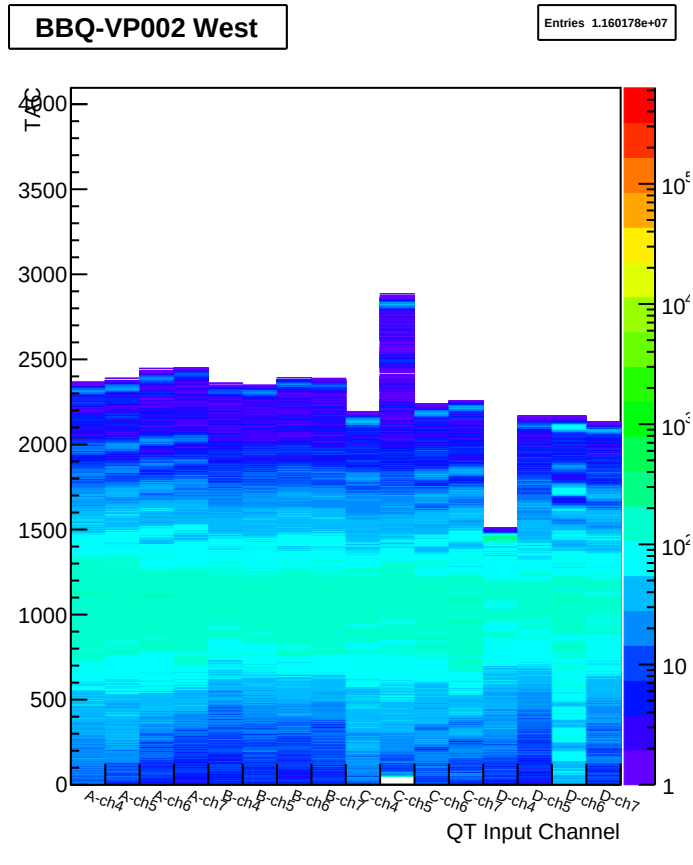

BBQ-ZD001 (ZDC TOWER)
Entries 1.160178e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

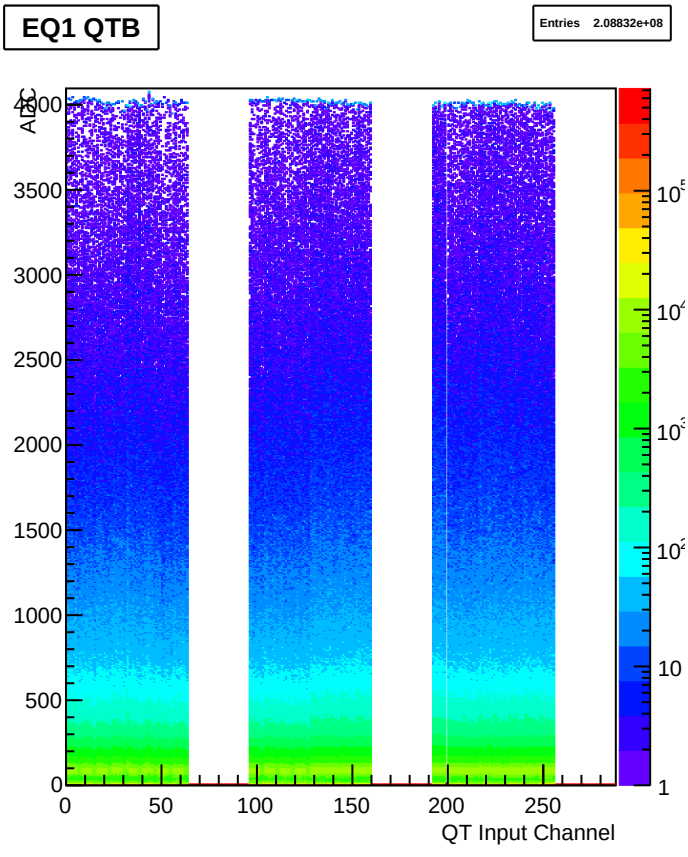

BBQ-ZD001 (ZDC TOWER)
Entries 1.160178e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

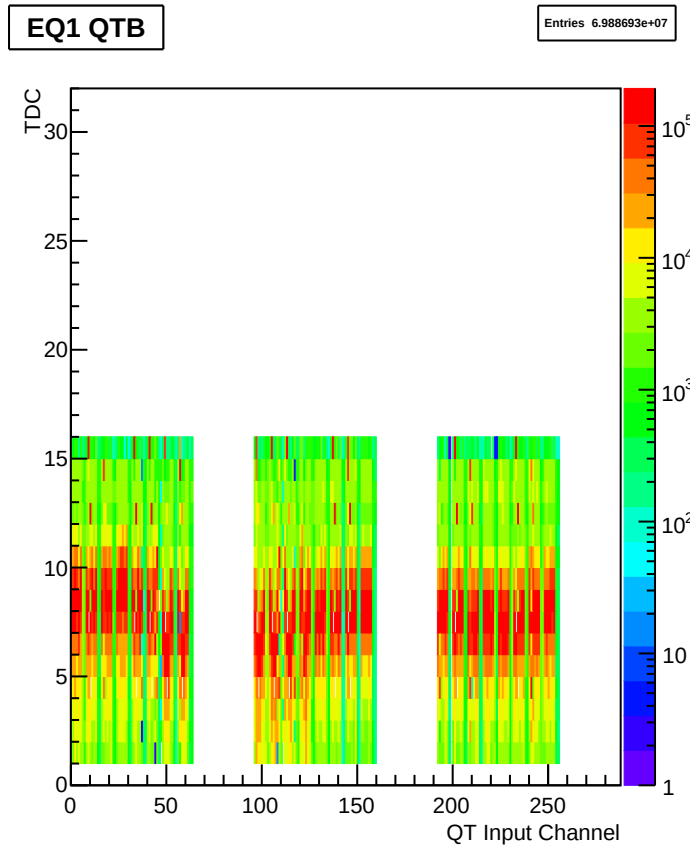

BBQ-VP001 East
Entries 1.160178e+07
ADC
QT Input Channel

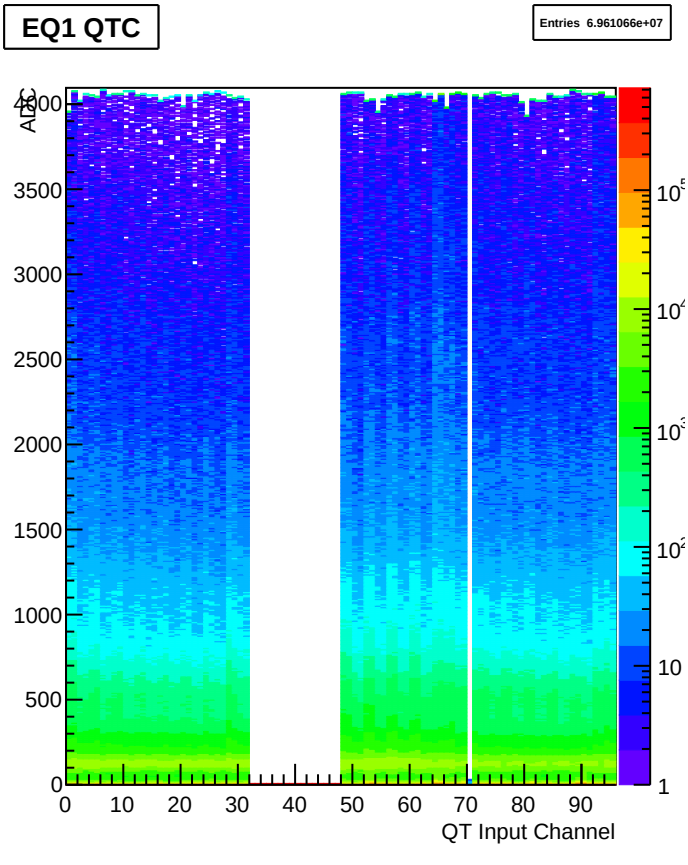

BBQ-VP001 East
Entries 1.160178e+07
TADC
QT Input Channel

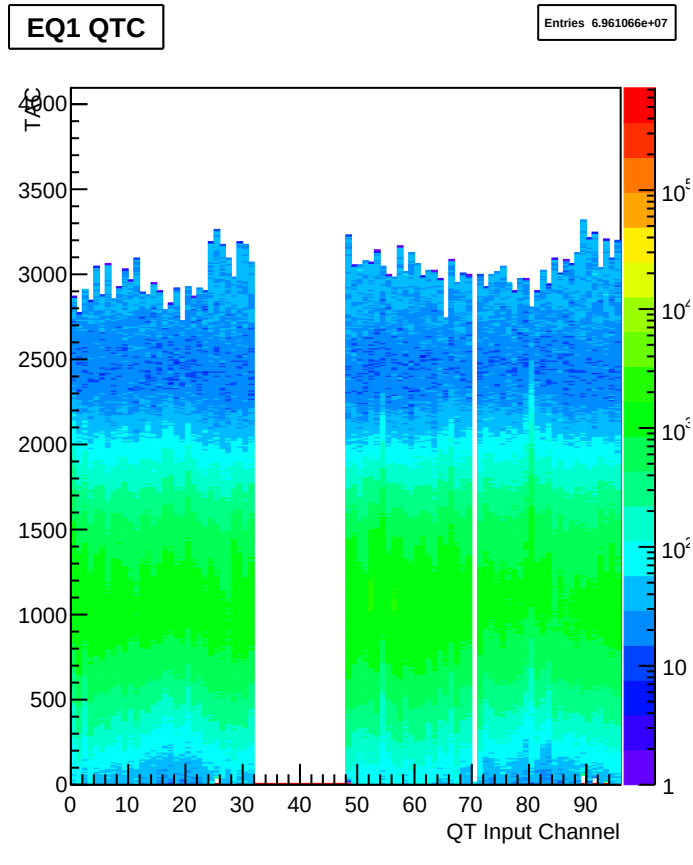

BBQ-VP002 West
Entries 1.160178e+07
ADC
QT Input Channel

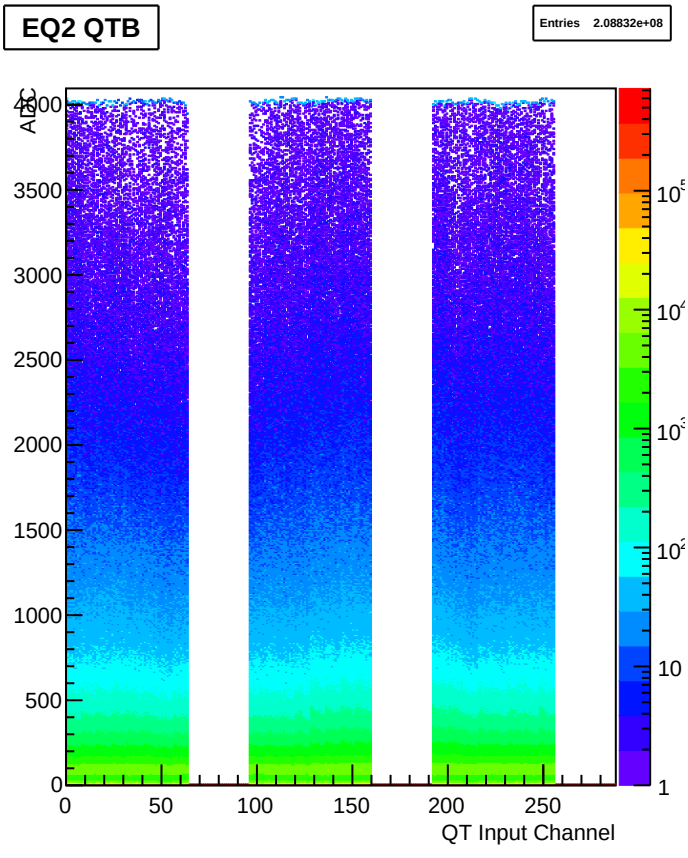

BBQ-VP002 West
Entries 1.160178e+07
TADC
QT Input Channel

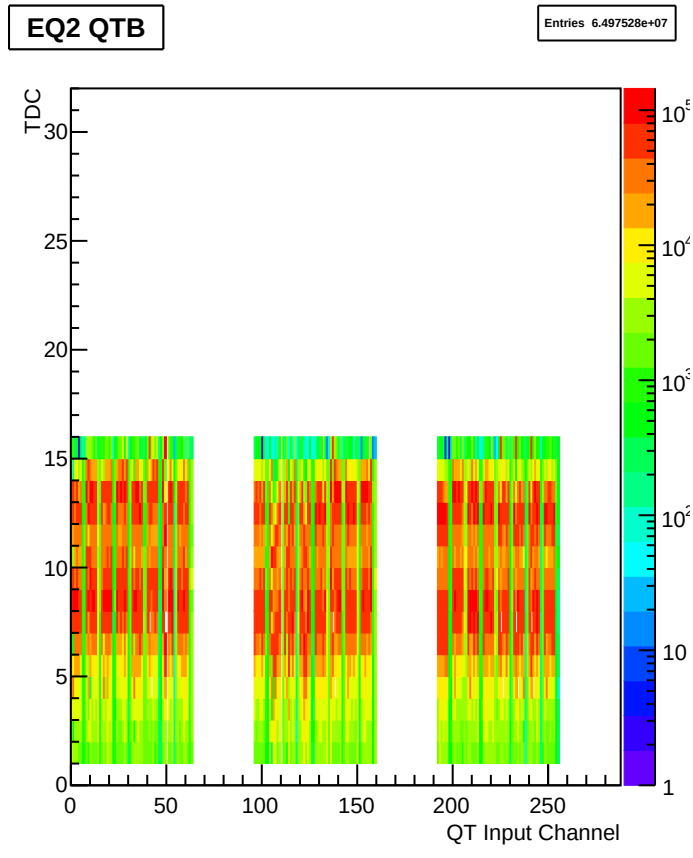

EQ1 QTB
Entries 2.08832e+08
ADC
QT Input Channel

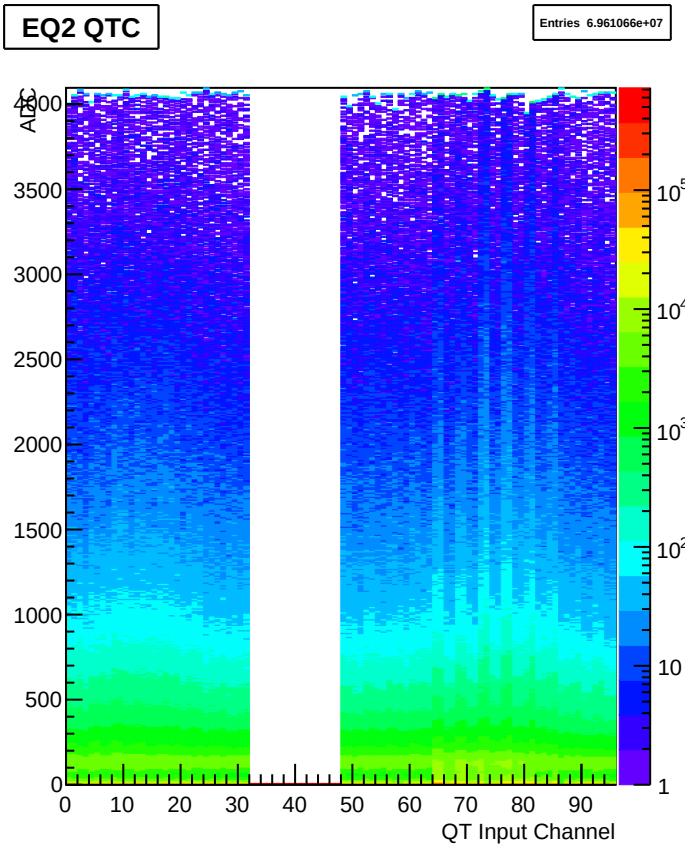

EQ1 QTB
Entries 6.988693e+07
TDC
QT Input Channel

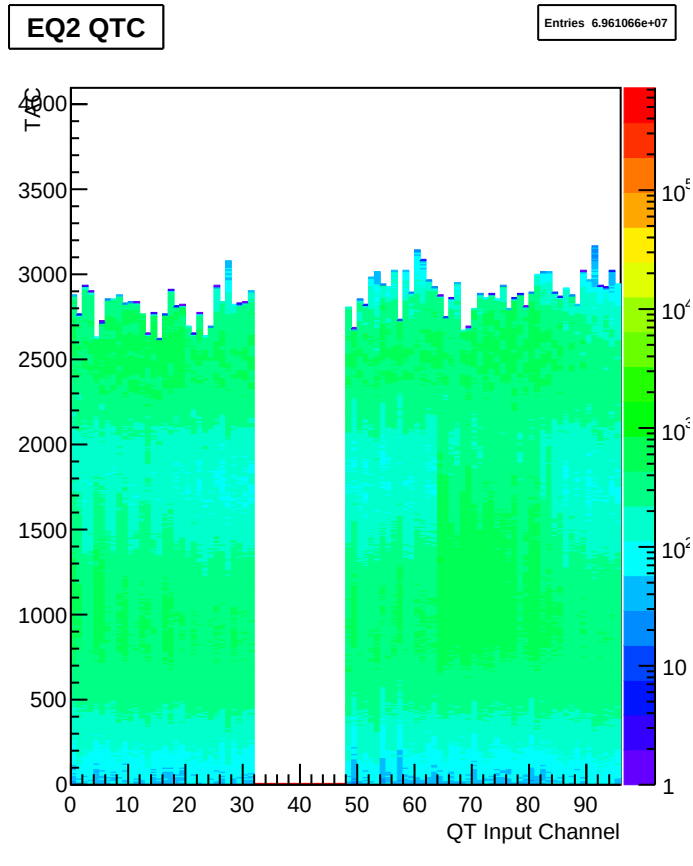

EQ1 QTC
Entries 6.961066e+07
ADC
QT Input Channel

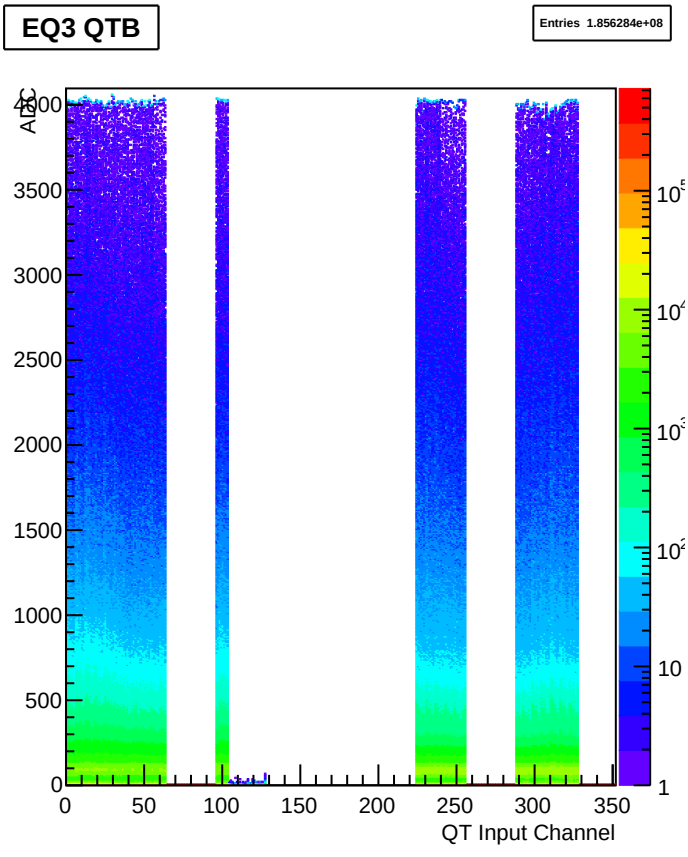

EQ1 QTC
Entries 6.961066e+07
TADC
QT Input Channel

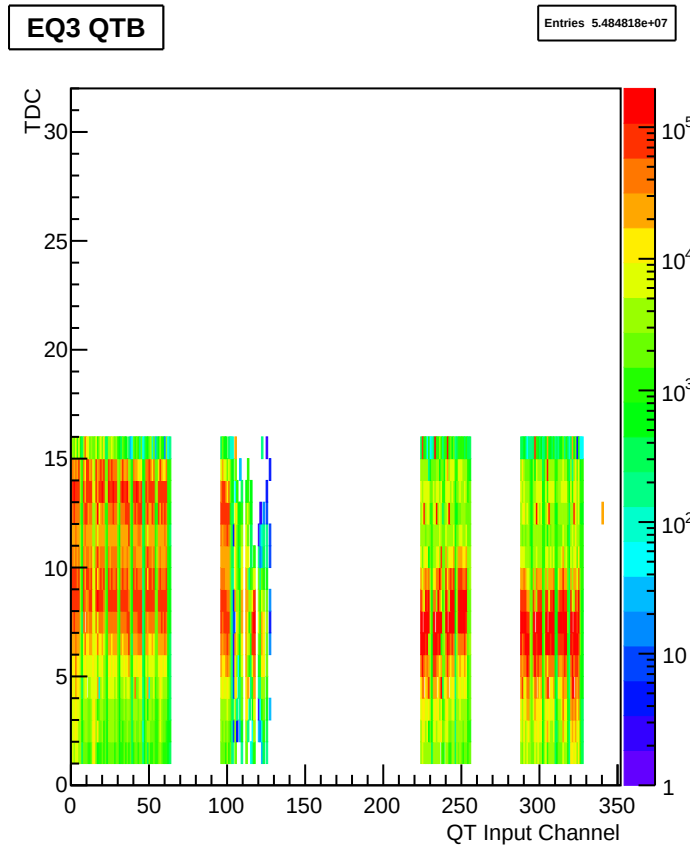

EQ2 QTB
Entries 2.08832e+08
ADC
QT Input Channel

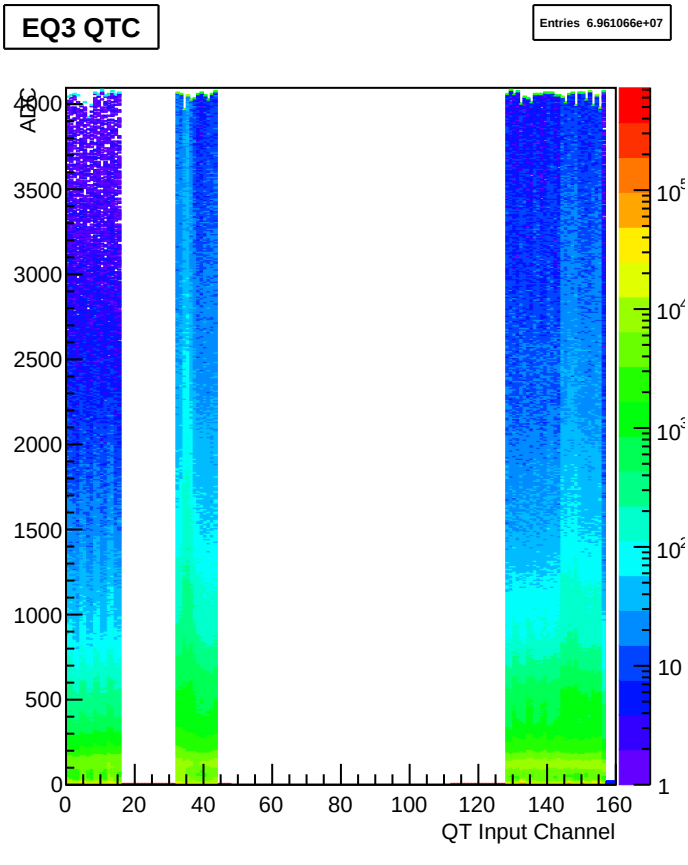

EQ2 QTB
Entries 6.497528e+07
TDC
QT Input Channel

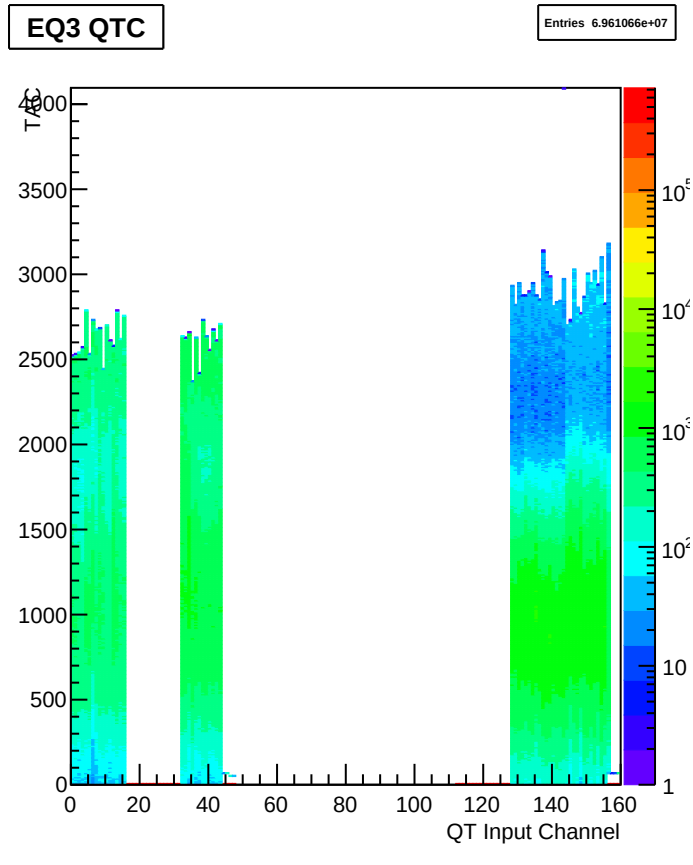

EQ2 QTC
Entries 6.961066e+07
ADC
QT Input Channel

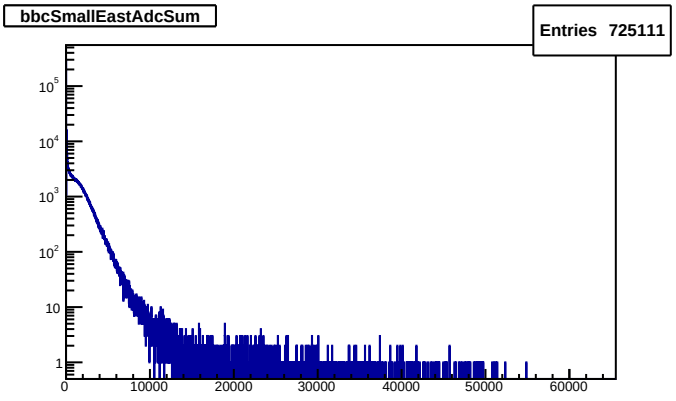

EQ2 QTC
Entries 6.961066e+07
TADC
QT Input Channel

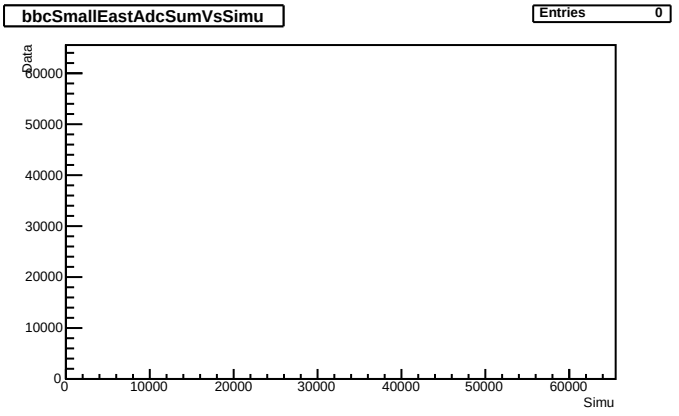

EQ3 QTB
Entries 1.856284e+08
ADC
QT Input Channel

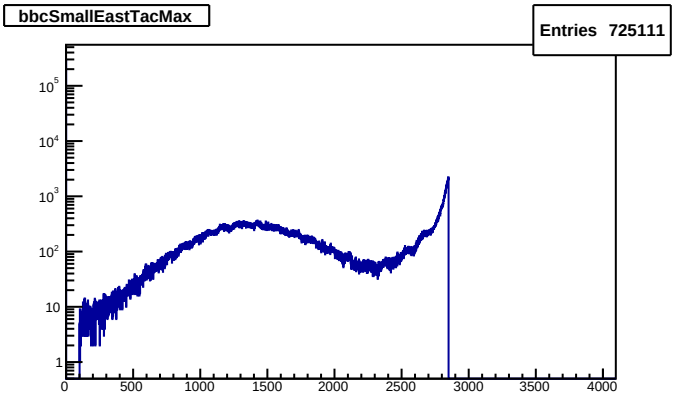

EQ3 QTB
Entries 5.484818e+07
TDC
QT Input Channel

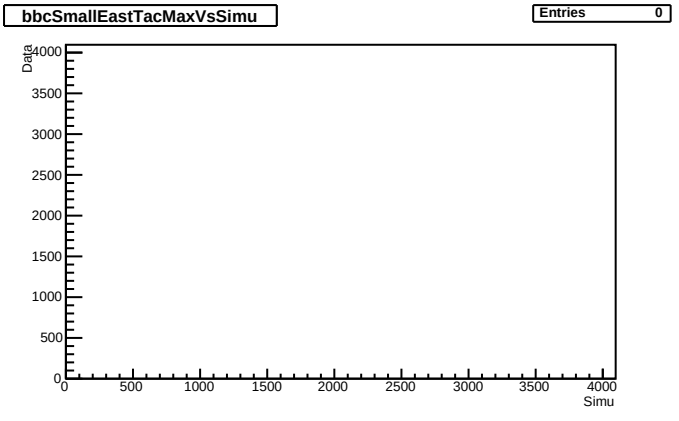

EQ3 QTC
Entries 6.961066e+07
ADC
QT Input Channel

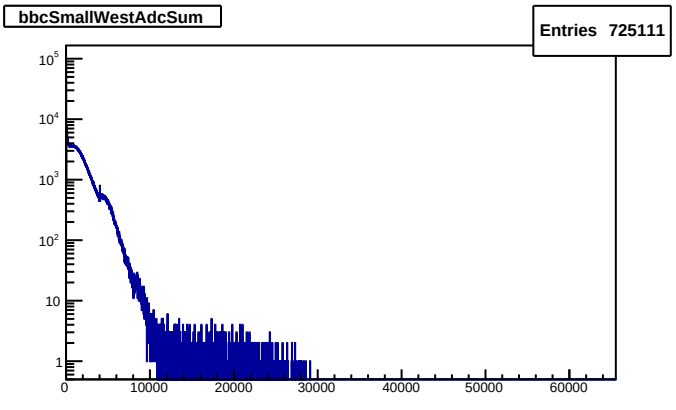

EQ3 QTC
Entries 6.961066e+07
TADC
QT Input Channel

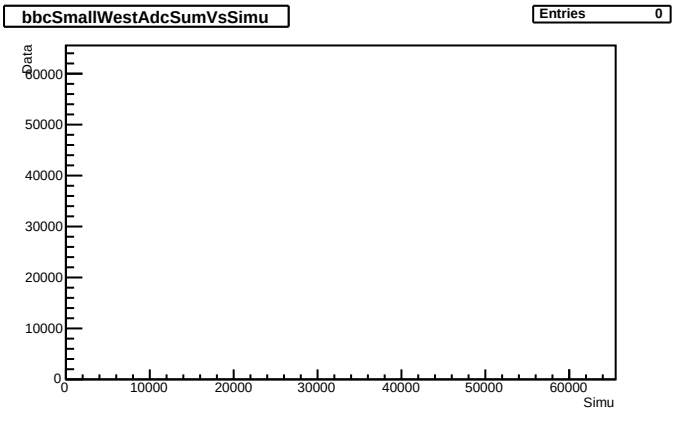

bbcSmallEastAdcSum
Entries 725111

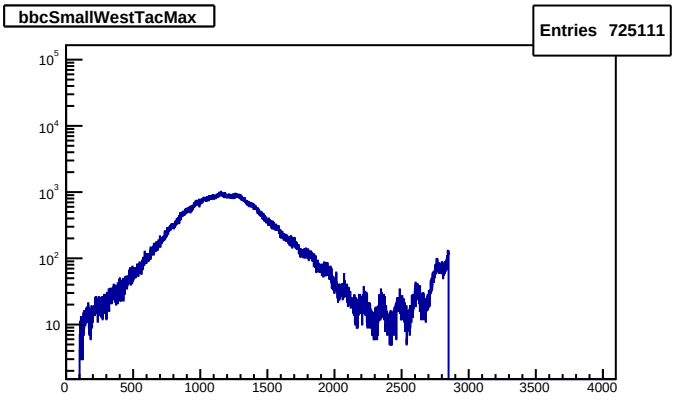

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

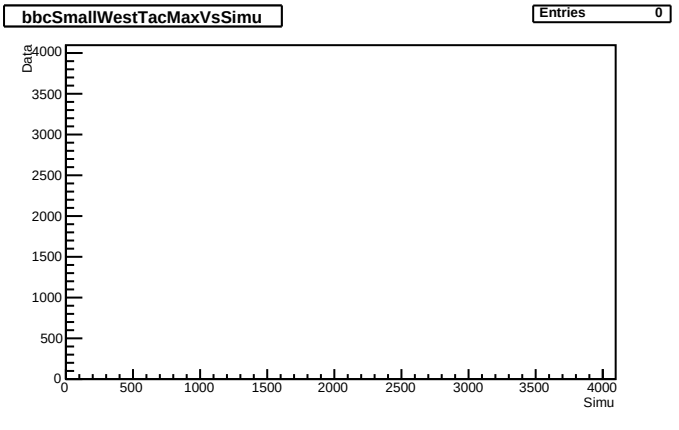

bbcSmallEastTacMax
Entries 725111

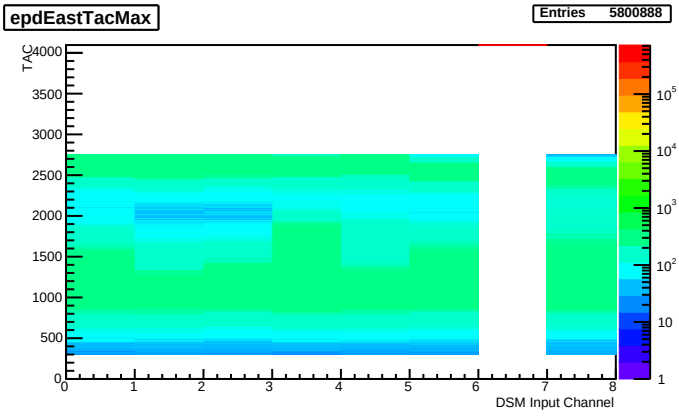

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

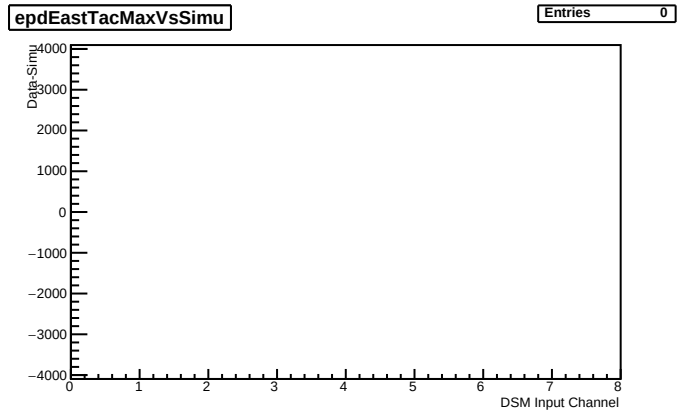

bbcSmallWestAdcSum
Entries 725111

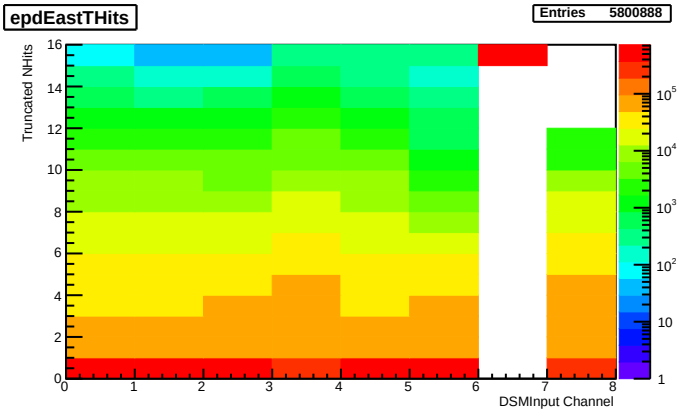

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

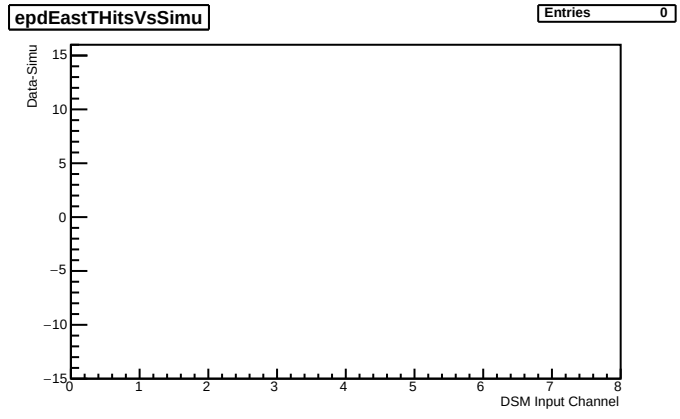

bbcSmallWestTacMax
Entries 725111


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5800888
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5800888
Truncated NHits
DSMInput Channel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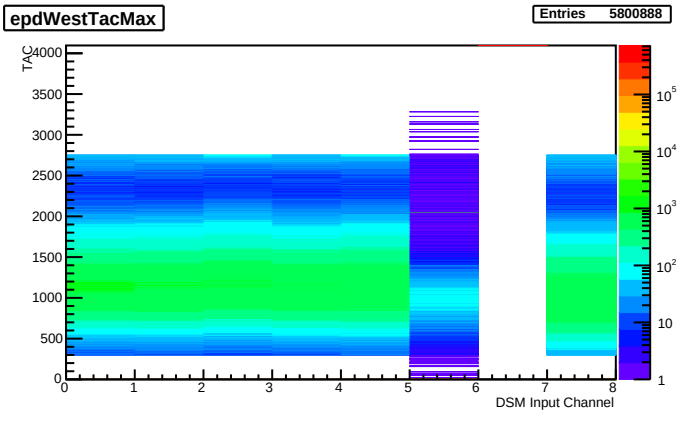
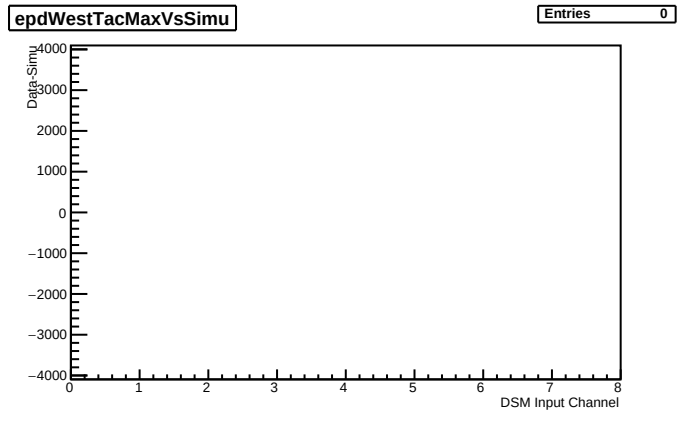
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 5800888
TAC
DSM Input Channel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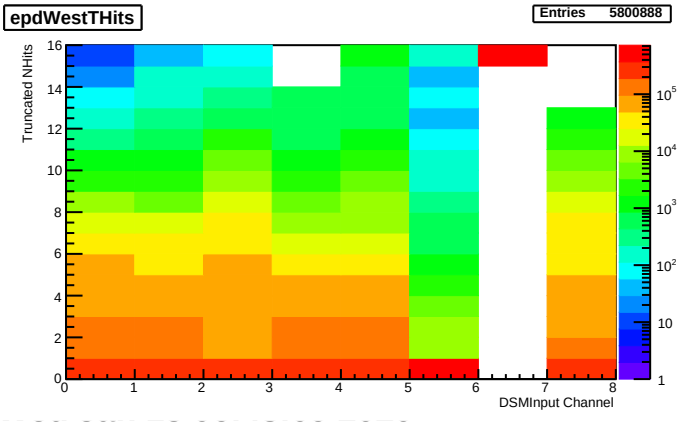
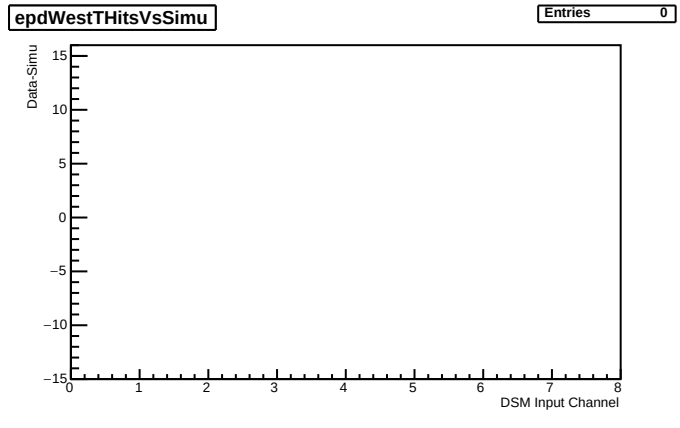
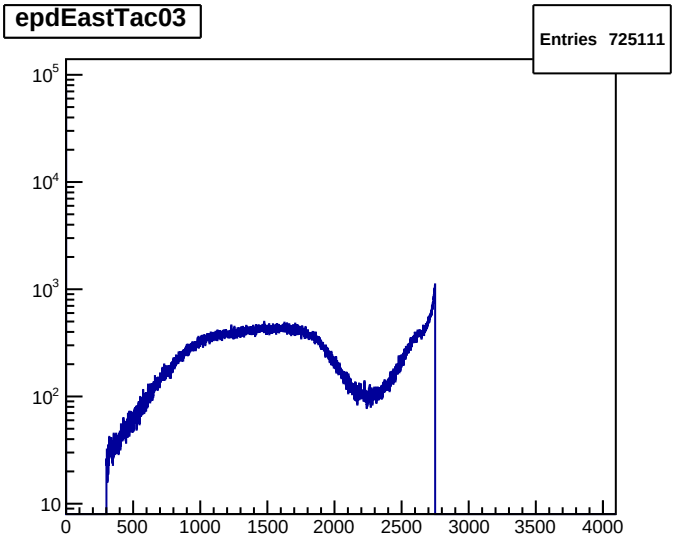
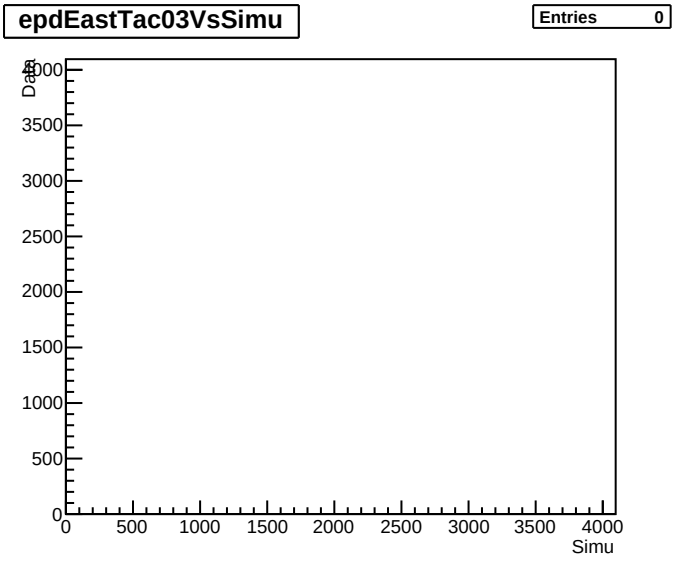
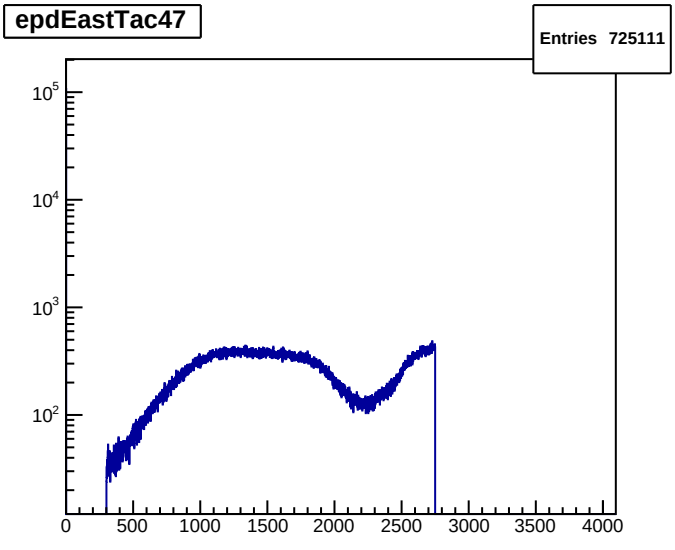
Entries 0
Data-Simu
DSM Input Channel

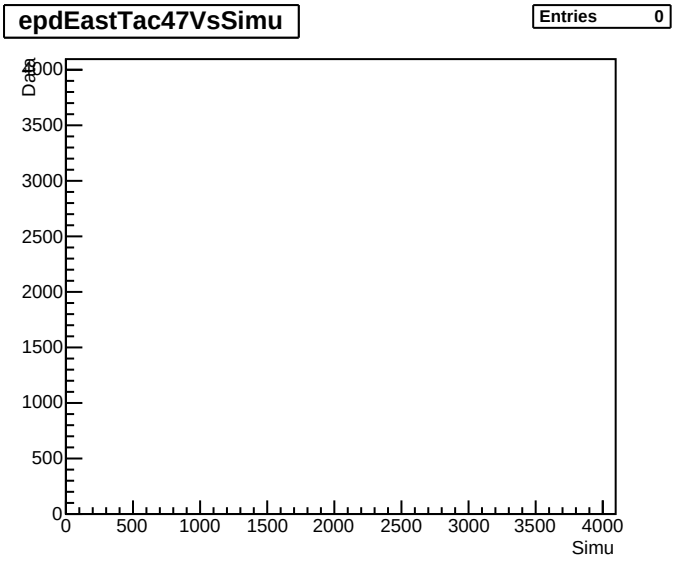

epdWestTHits
Entries 5800888
Truncated NHits
DSMInput Channel

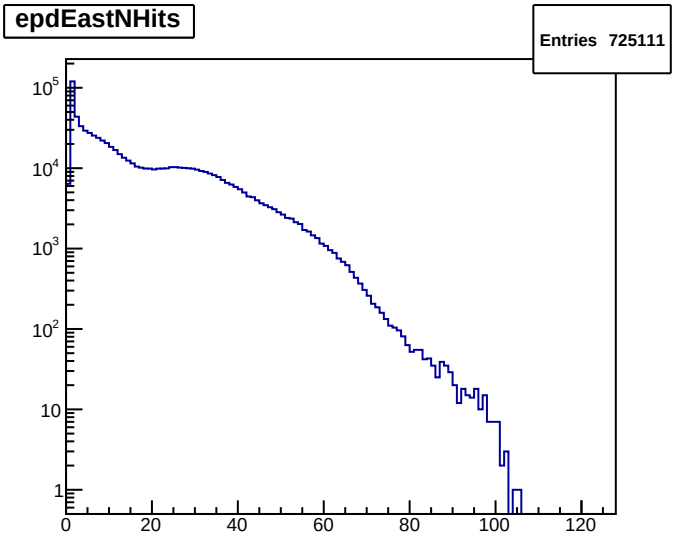

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

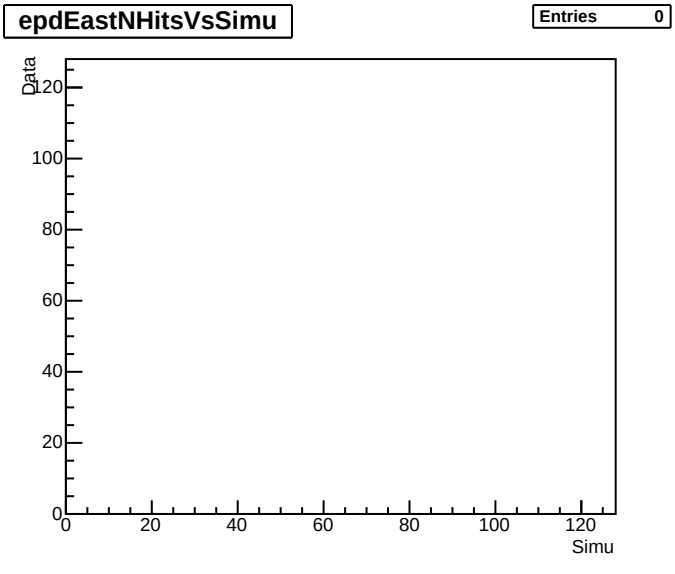

epdEastTac03
Entries 725111


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 725111


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 725111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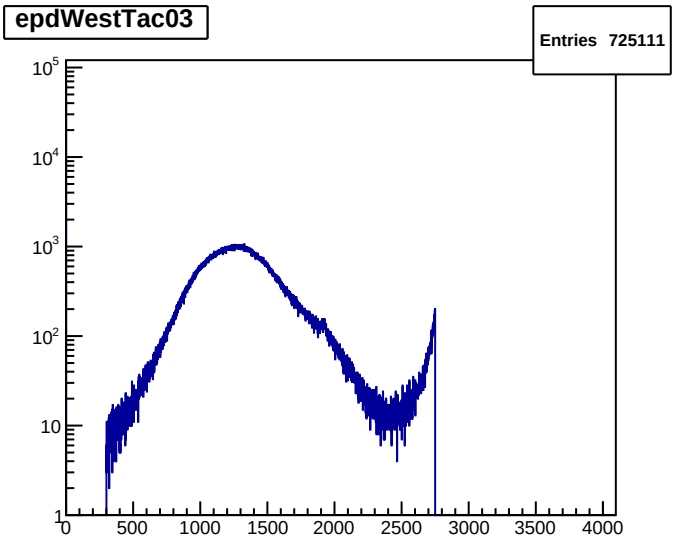
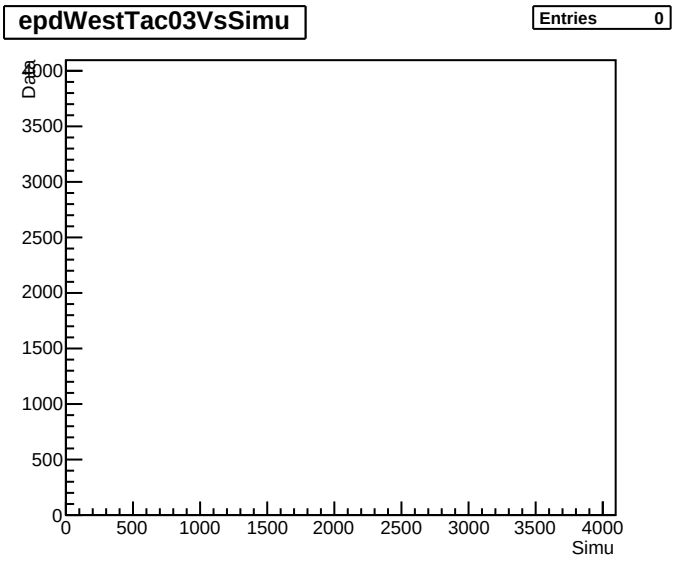
Entries 0
Data
Simu


epdWestTac03
Entries 725111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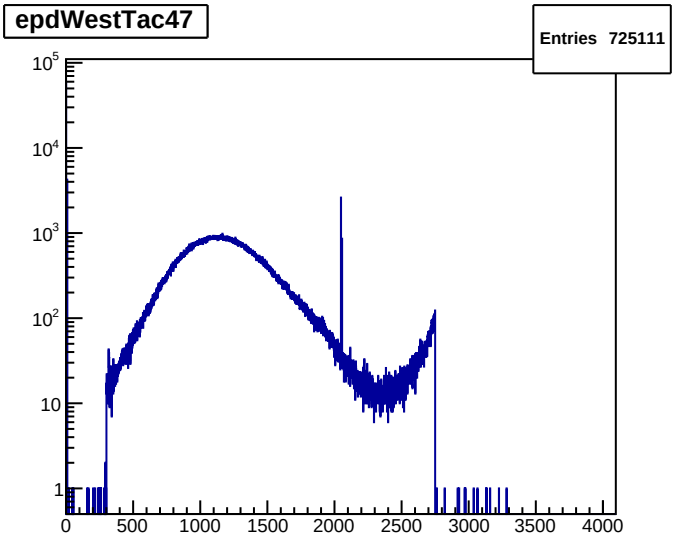
Entries 0
Data
Simu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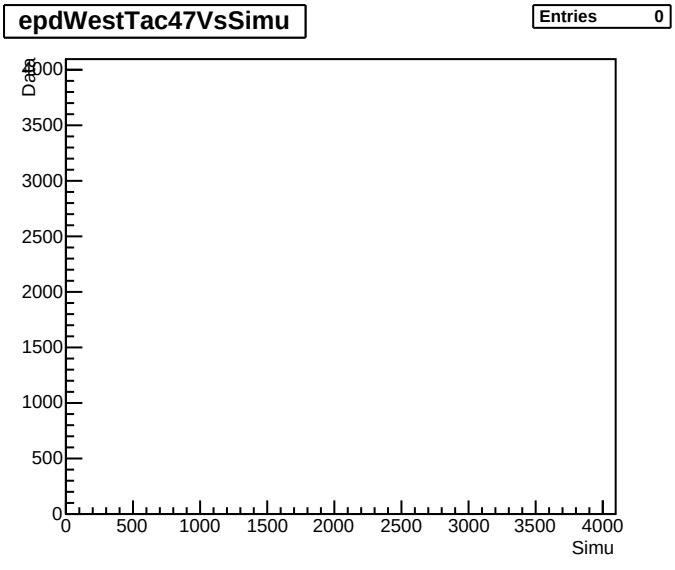
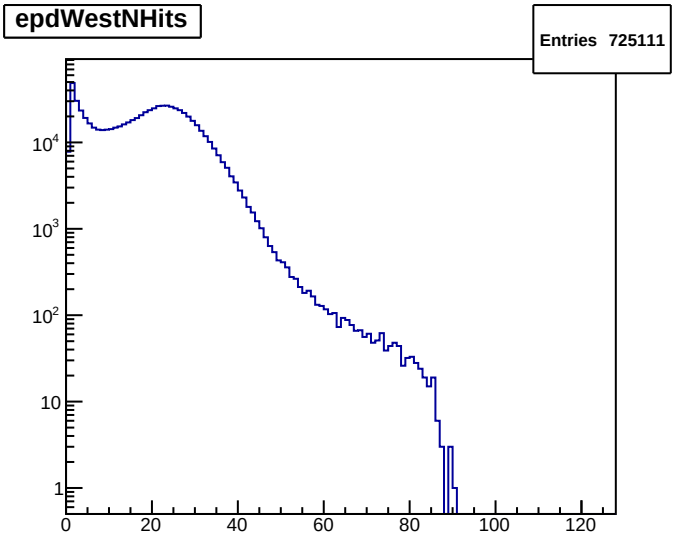
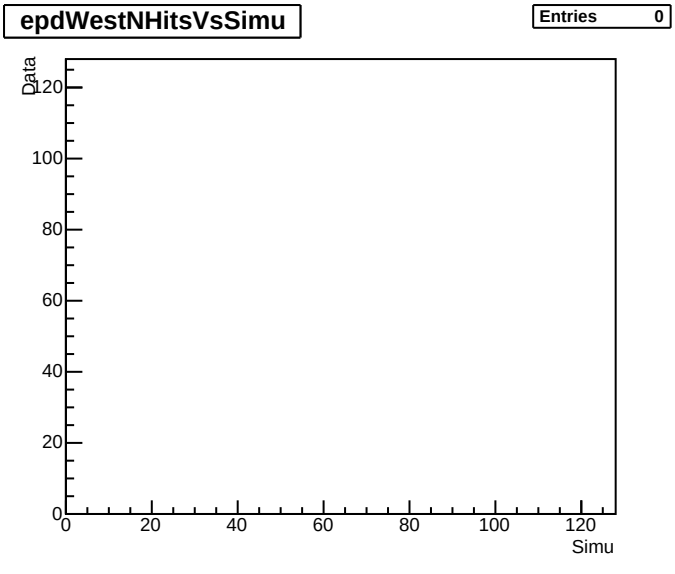
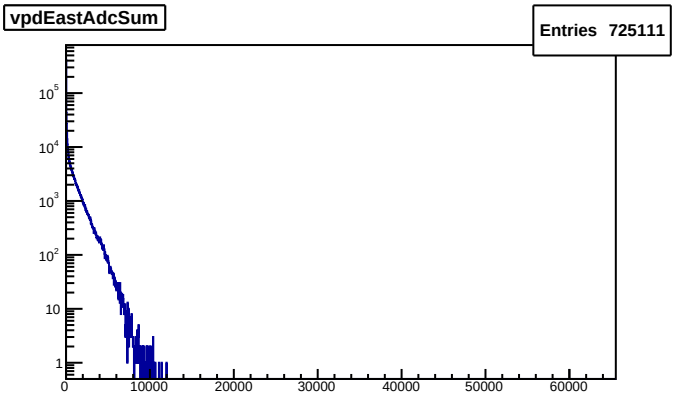
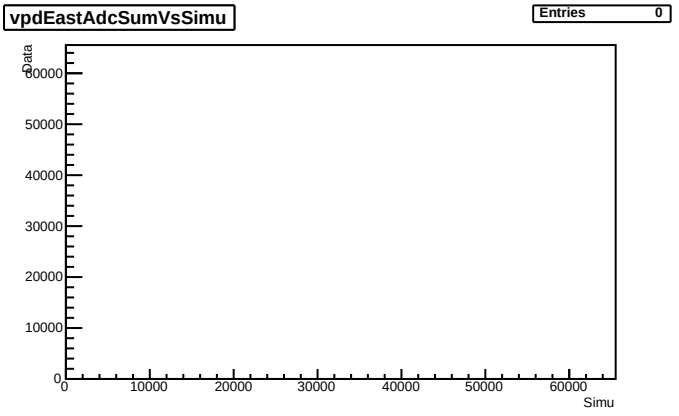
Entries 725111

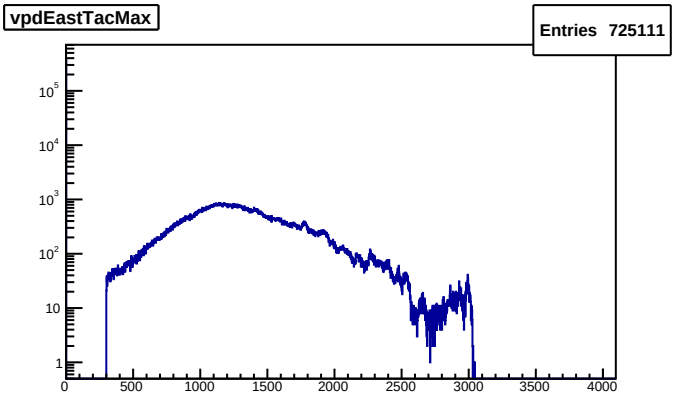

epdWestTac47VsSimu
Entries 0
Data
Simu

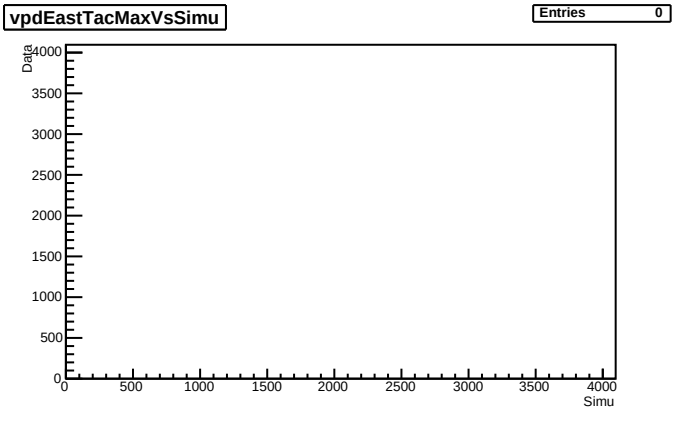

epdWestNHits
Entries 725111


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 725111


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 725111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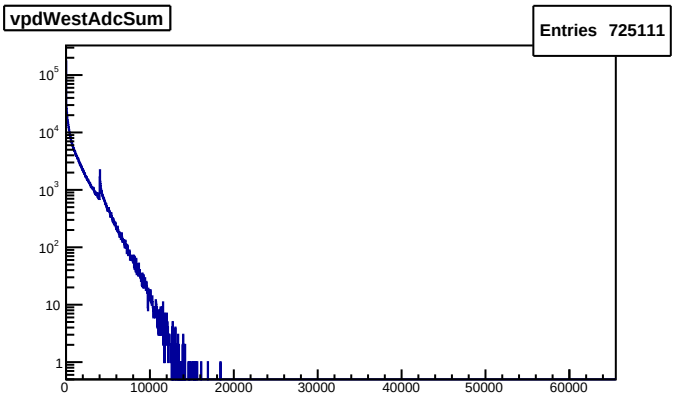
Entries 0
Data
Simu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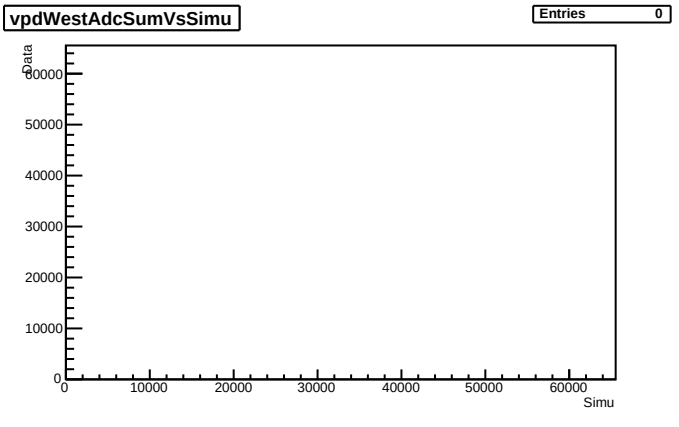
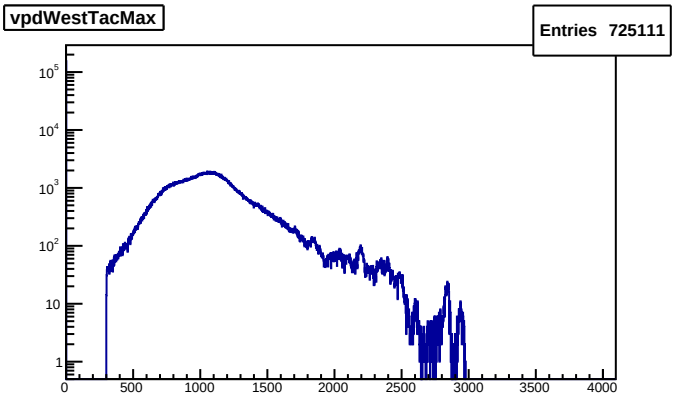
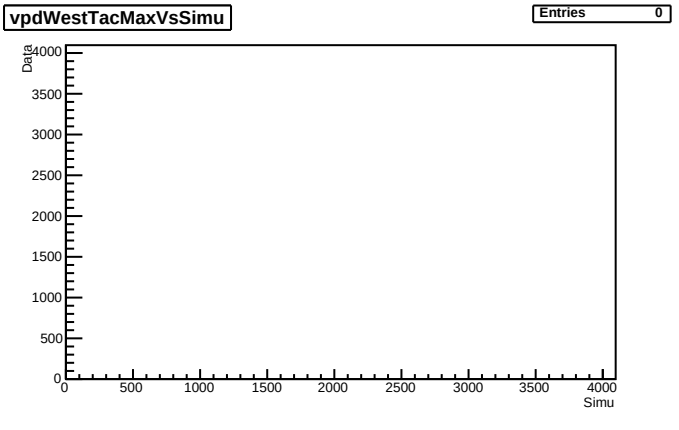
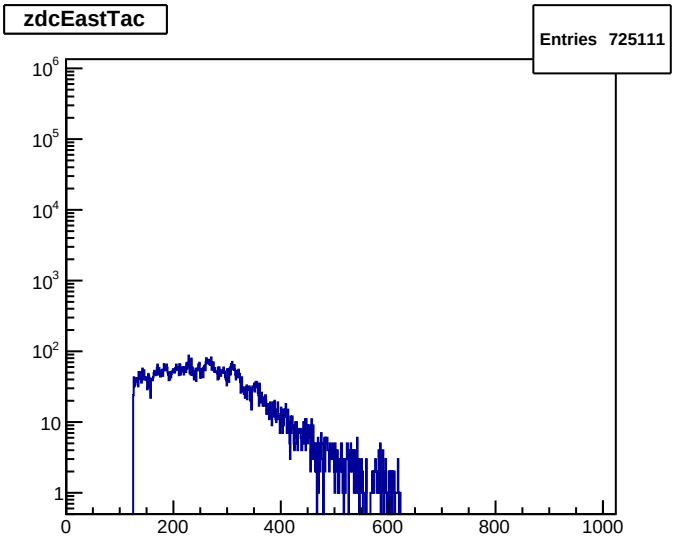
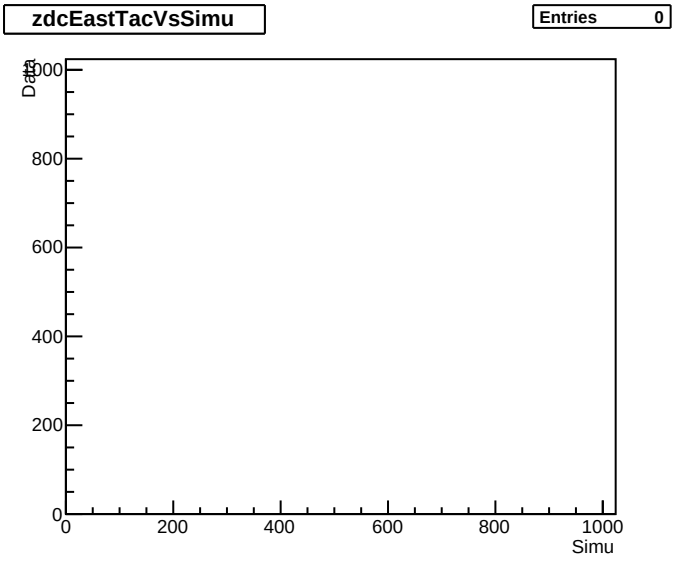
Entries 725111

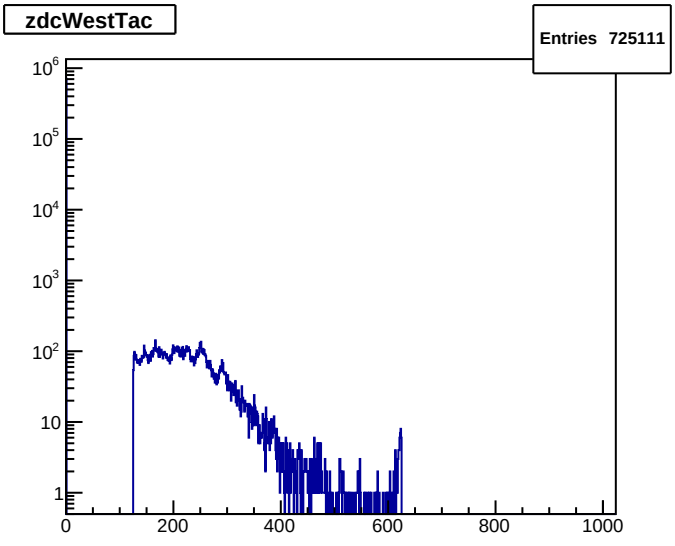

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

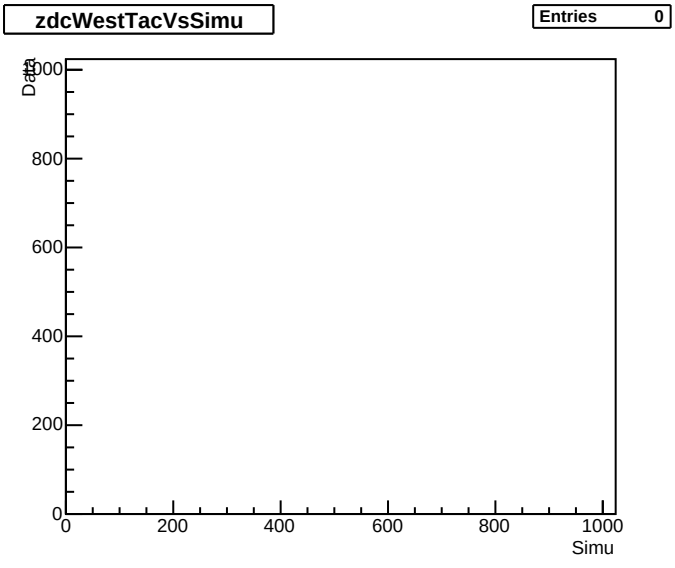

vpdWestTacMax
Entries 725111

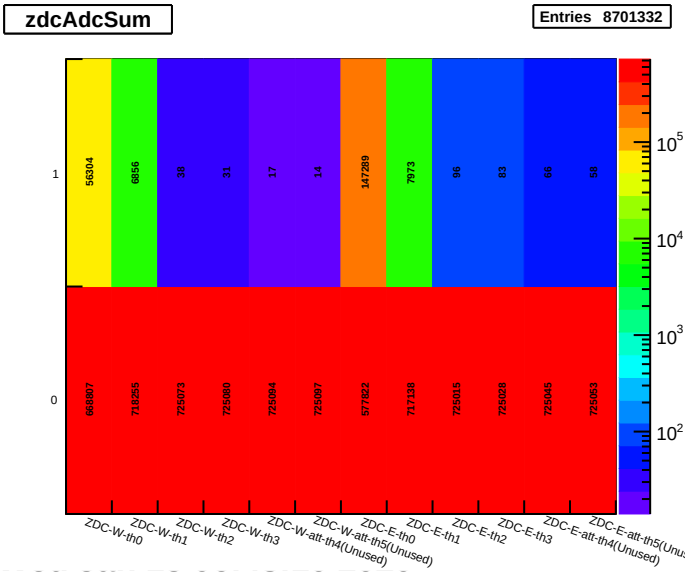

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

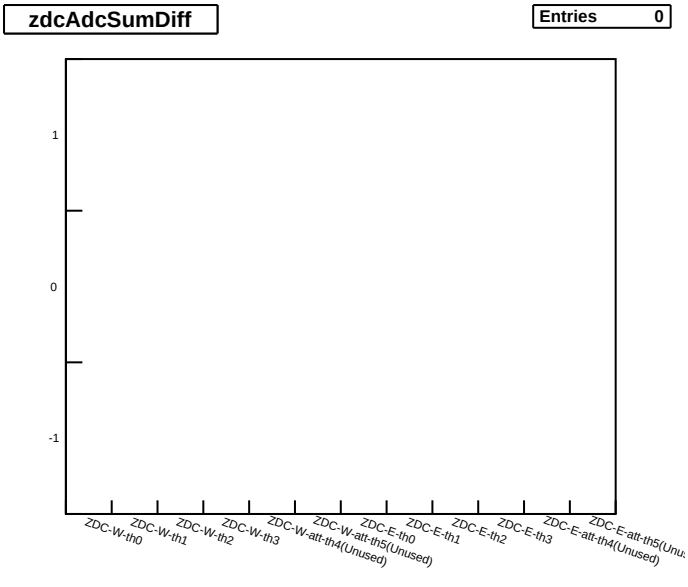

zdcEastTac
Entries 725111

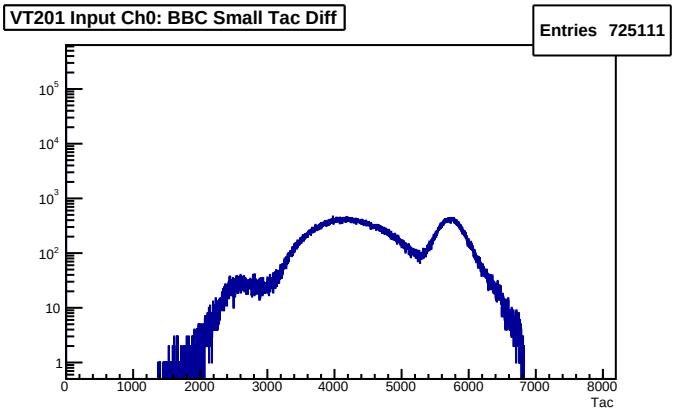

zdcEastTacVsSimu
Entries 0
Data
Simu

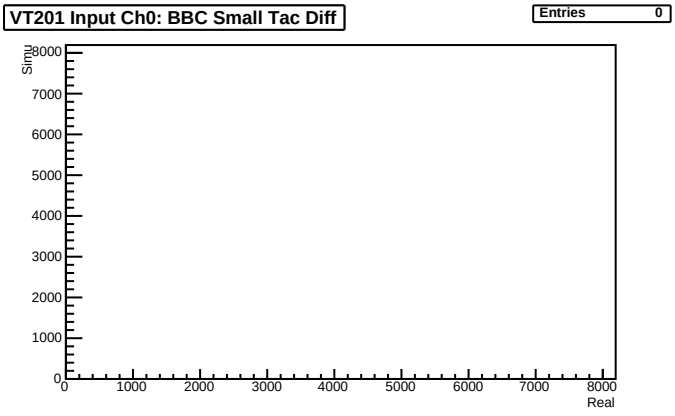

zdcWestTac
Entries 725111

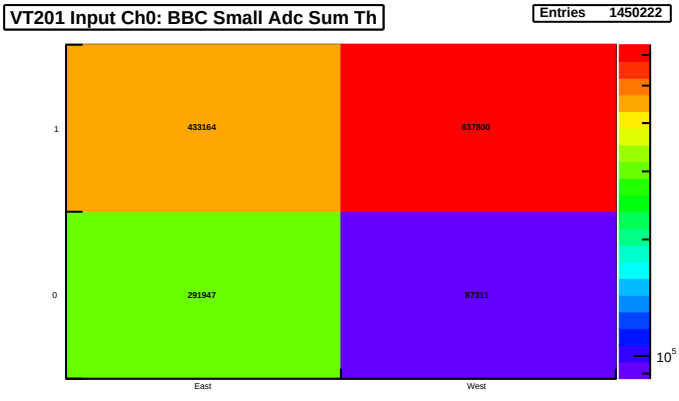

zdcWestTacVsSimu
Entries 0
Data
Simu

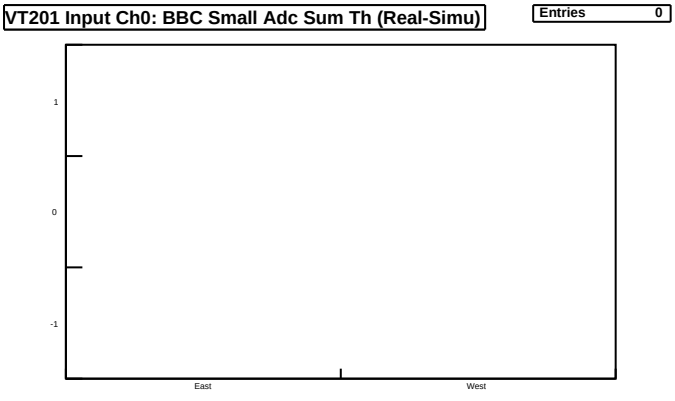

zdcAdcSum
Entries 8701332
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

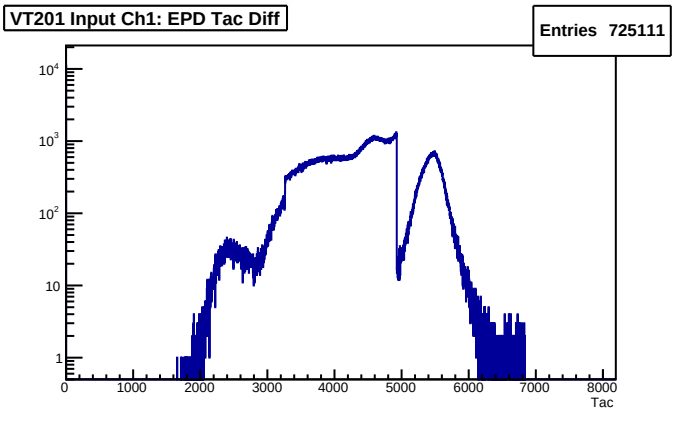

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

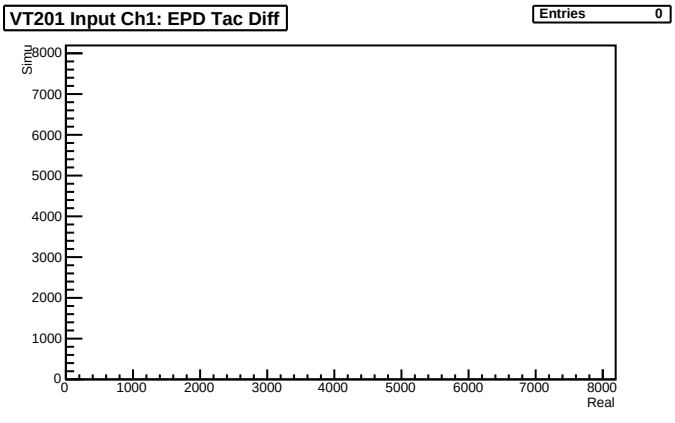

VT201 Input Ch0: BBC Small Tac Diff
Entries 725111
Tac

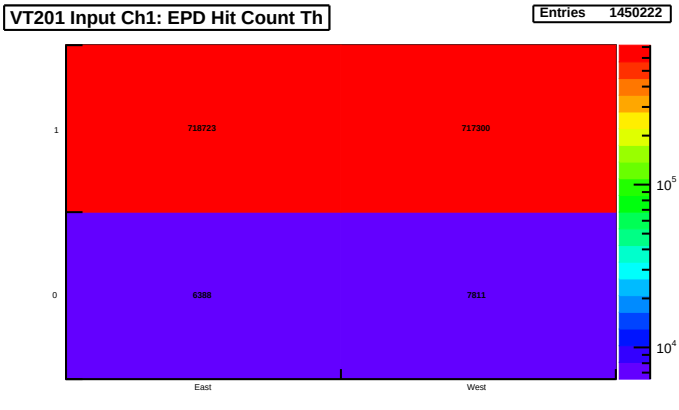

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

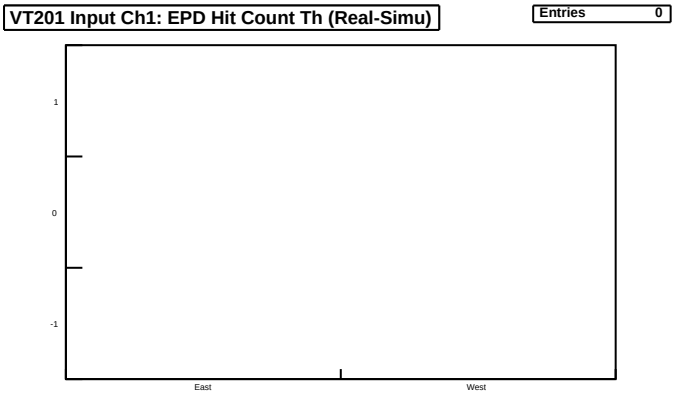

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1450222
433164
637800
291947
87311
East
West

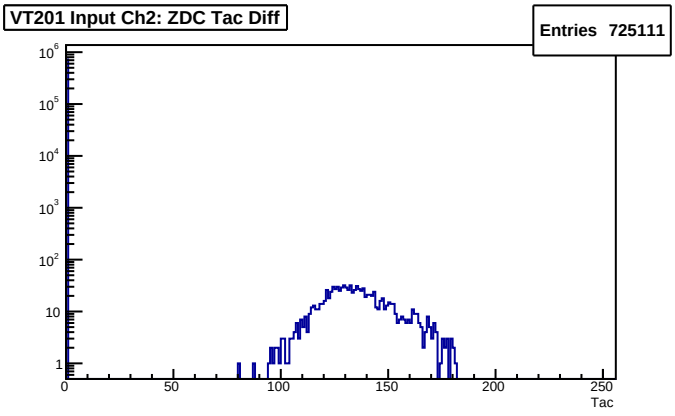

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

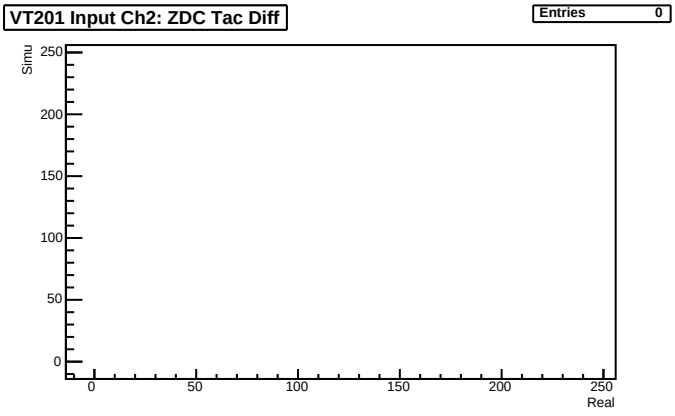

VT201 Input Ch1: EPD Tac Diff
Entries 725111
Tac

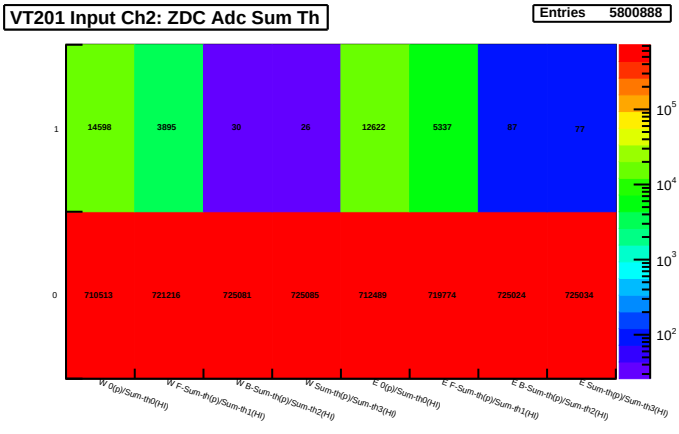

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

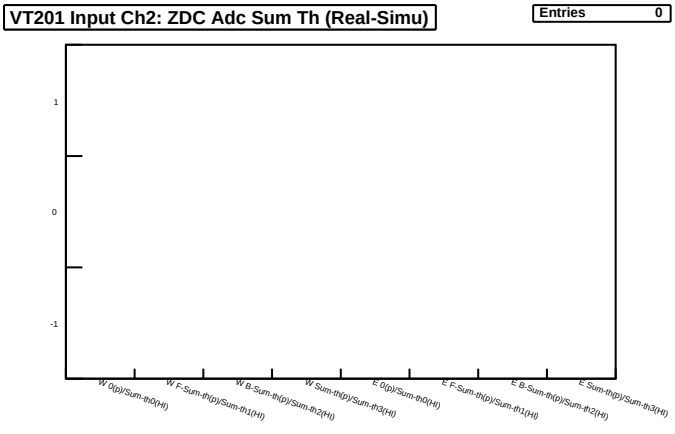

VT201 Input Ch1: EPD Hit Count Th
Entries 1450222
718723
717300
6388
7811
East
West

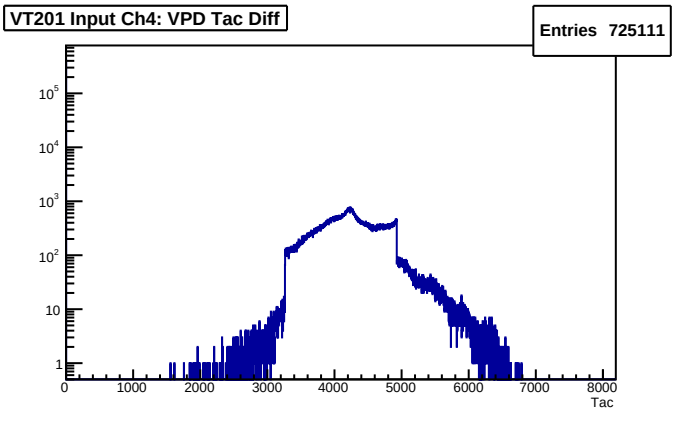

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

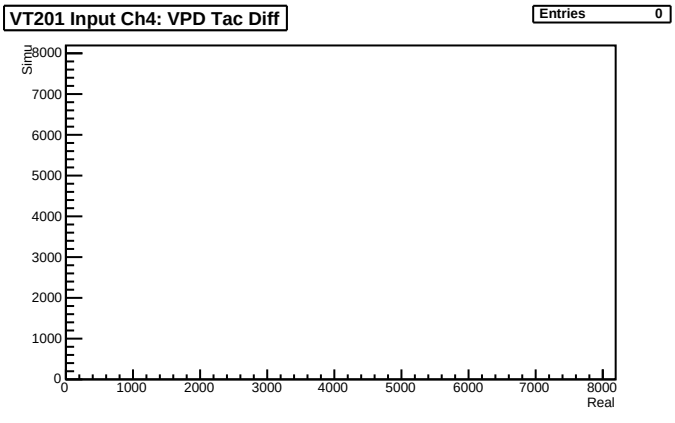

VT201 Input Ch2: ZDC Tac Diff
Entries 725111
Tac

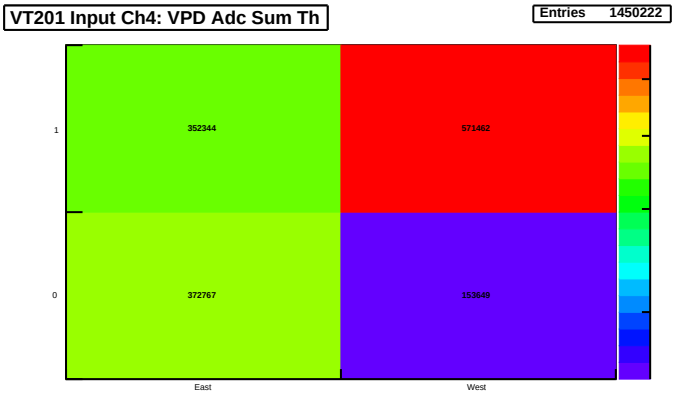

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

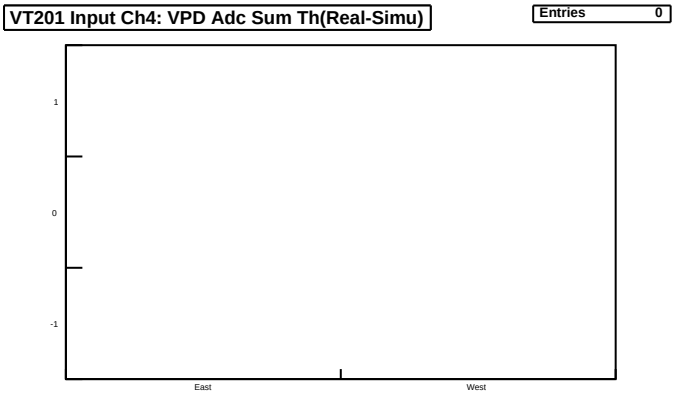

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5800888
14598
3895
30
26
12622
5337
87
77
710513
721216
725081
725085
712489
719774
725024
725034
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

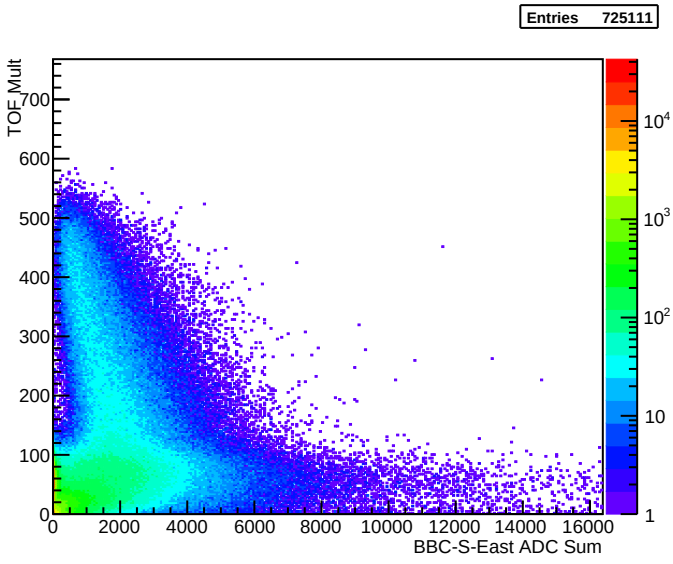

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

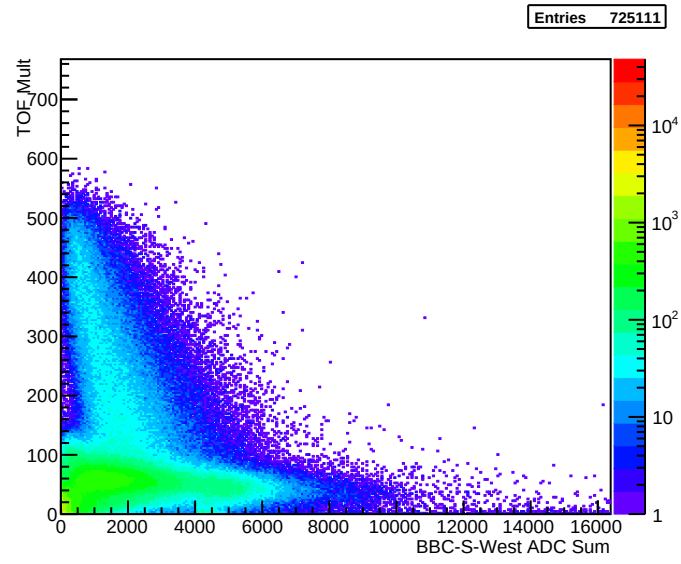

VT201 Input Ch4: VPD Tac Diff
Entries 725111
Tac

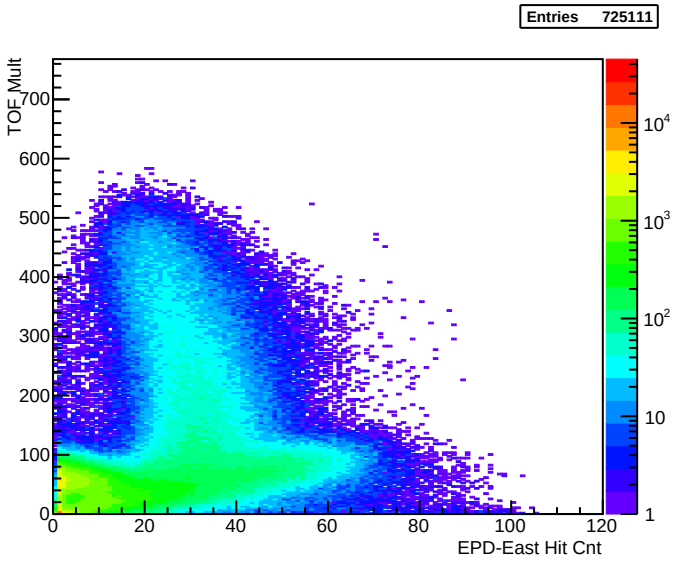

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

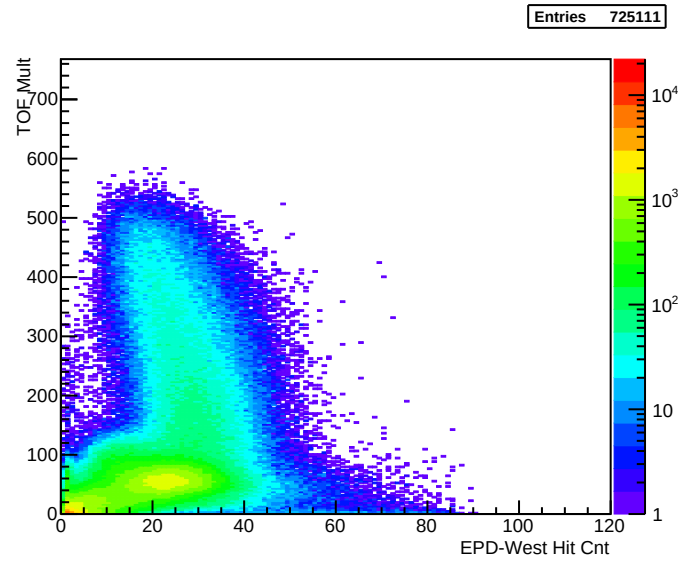

VT201 Input Ch4: VPD Adc Sum Th
Entries 1450222
352344
571462
372767
153649
East
West

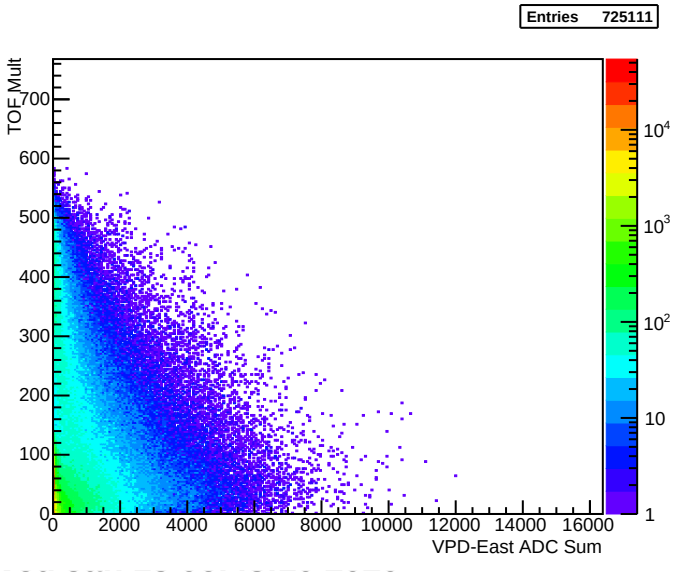

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

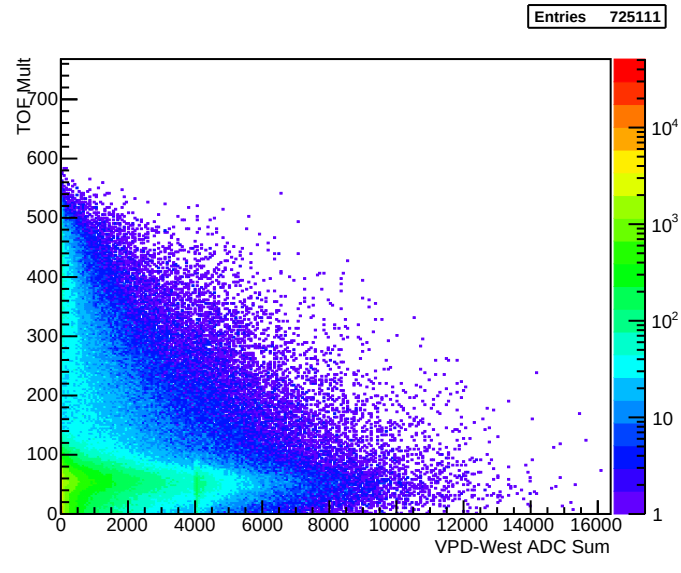

Entries 725111
TOF_Mult
BBC-S-East ADC Sum

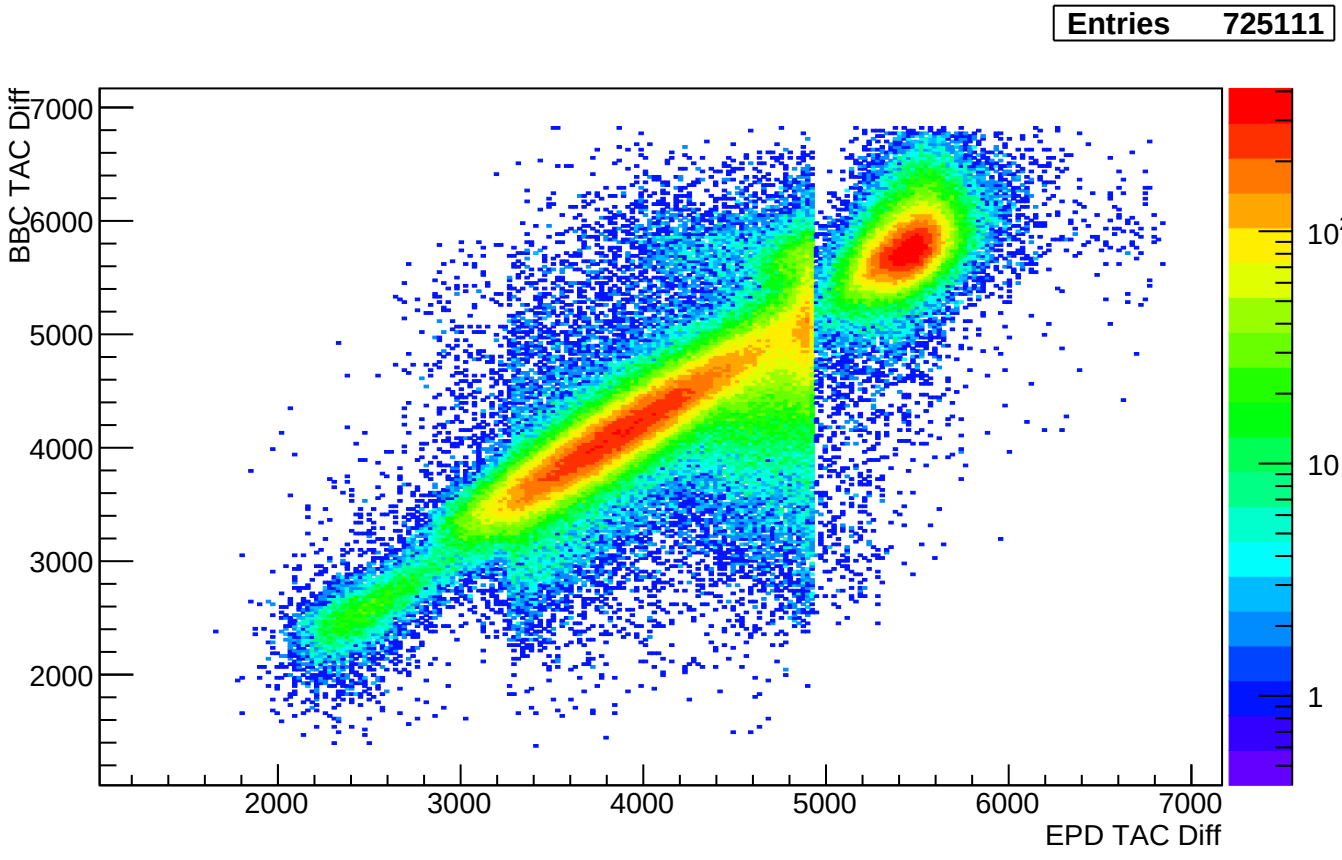

Entries 725111
TOF_Mult
BBC-S-West ADC Sum

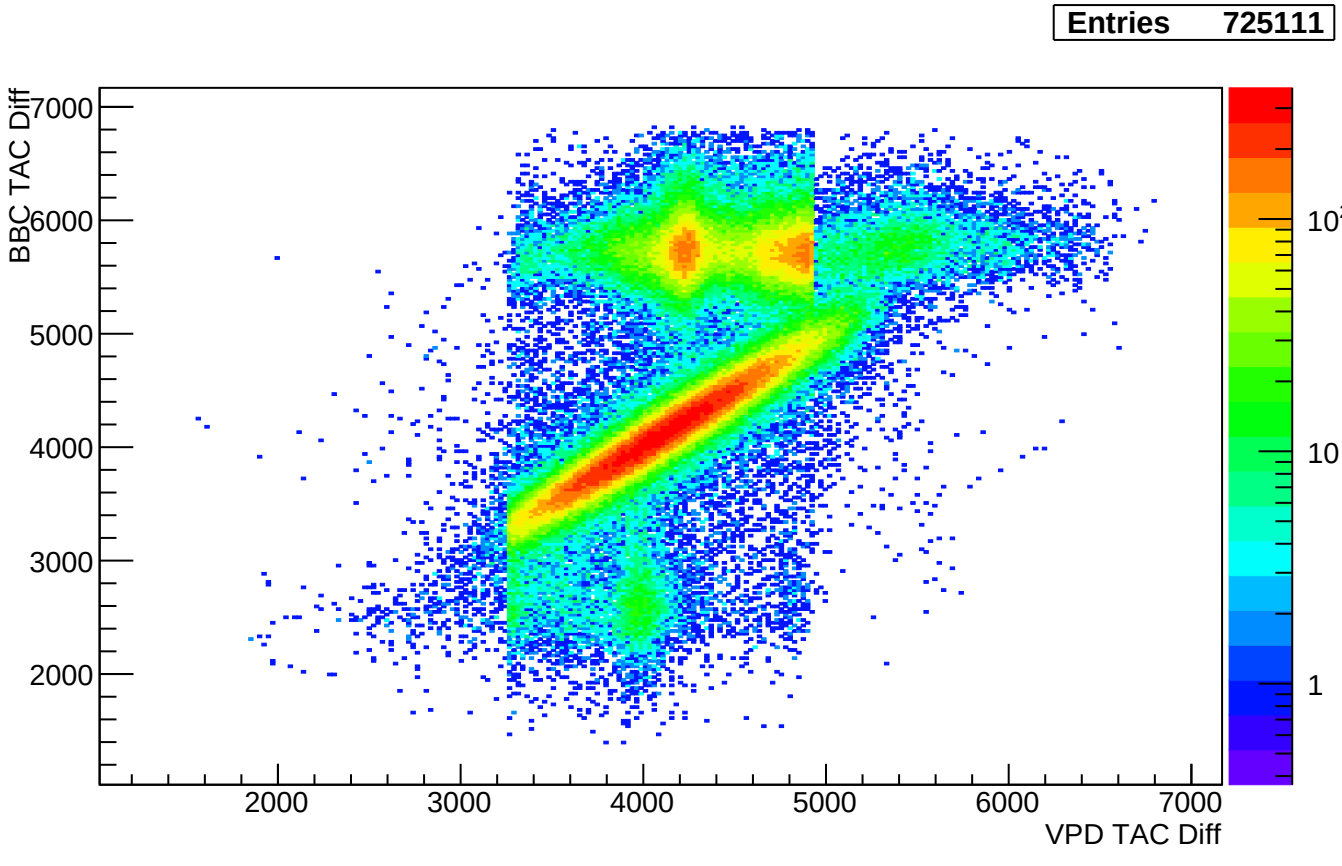

Entries 725111
TOF_Mult
EPD-East Hit Cnt

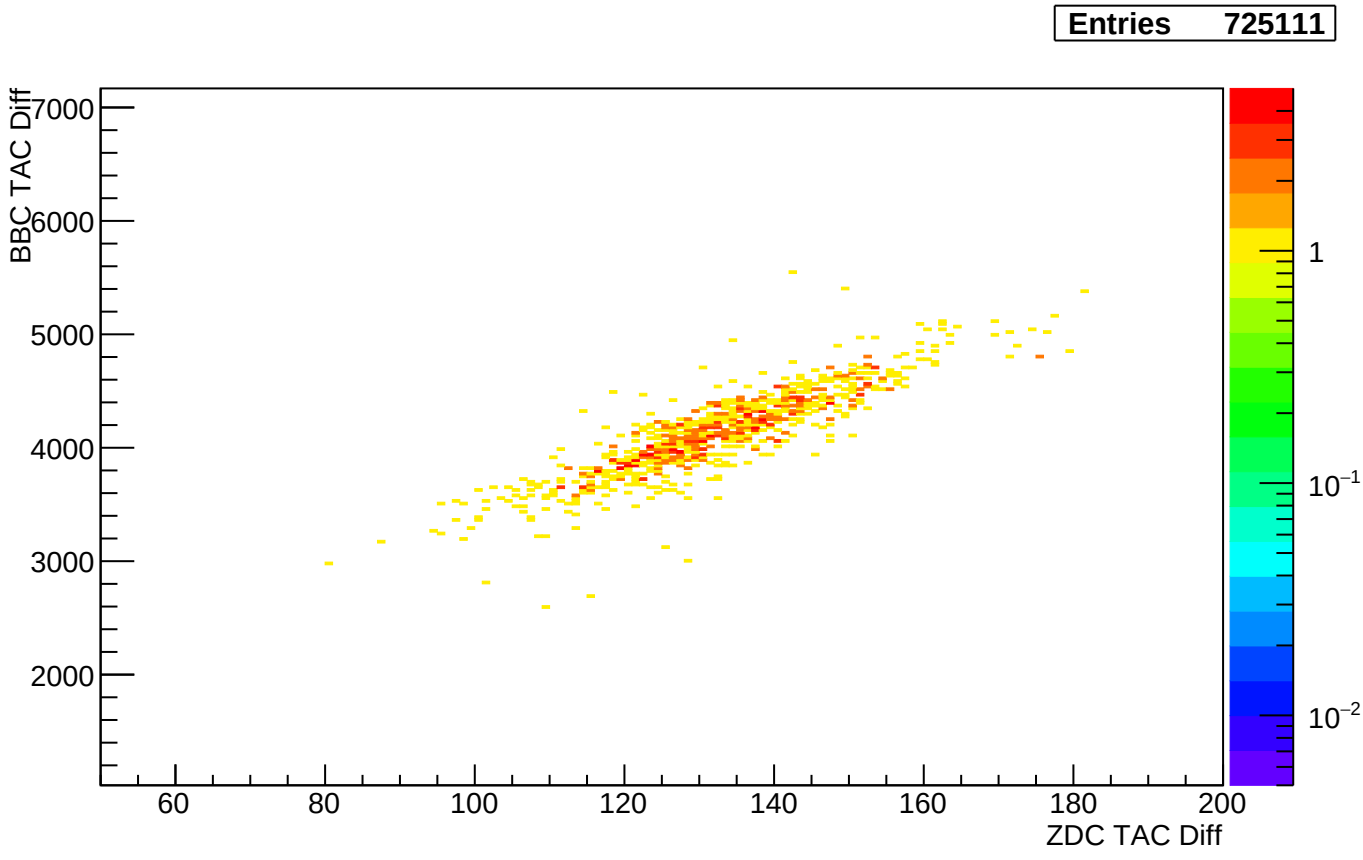

Entries 725111
TOF_Mult
EPD-West Hit Cnt

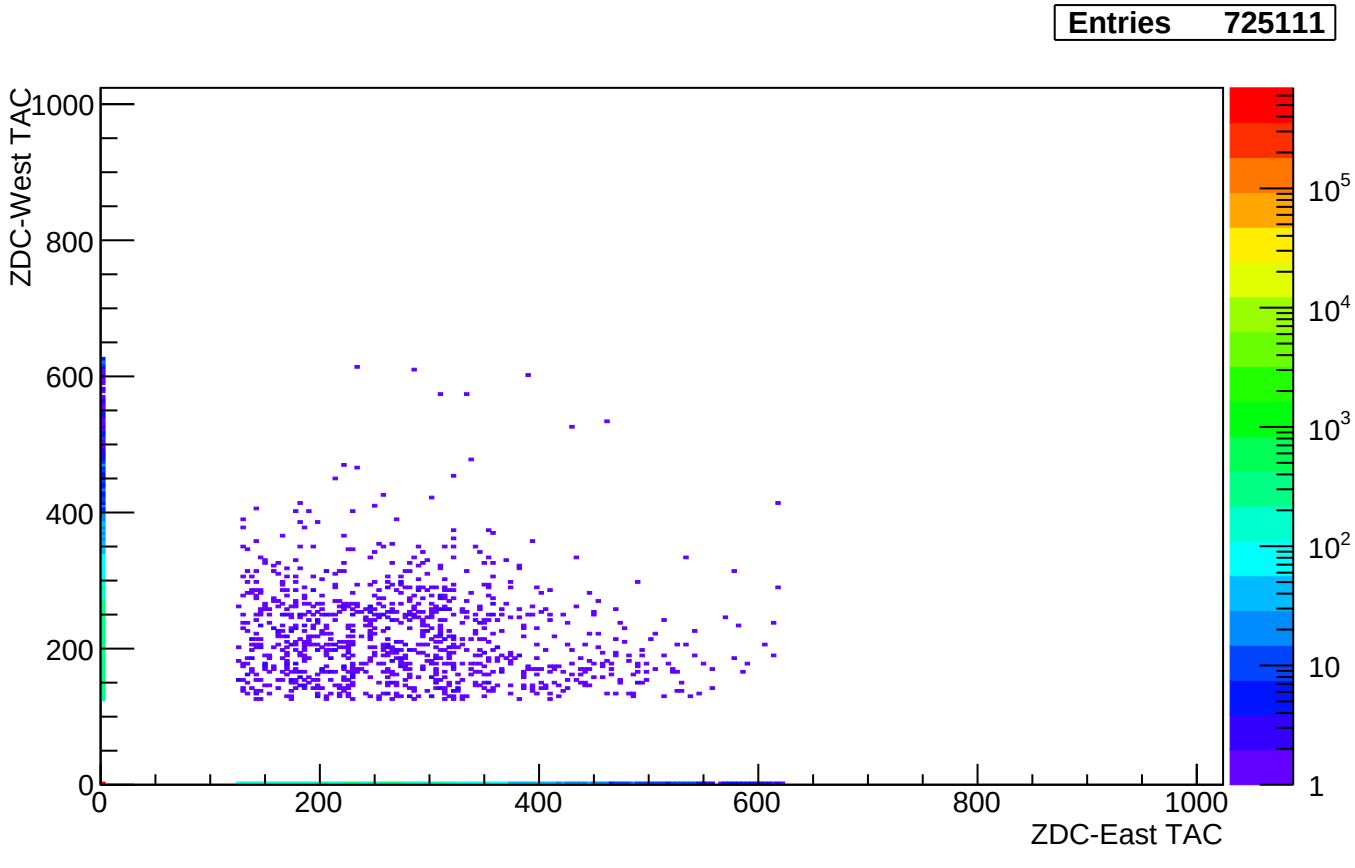

Entries 725111
TOF_Mult
VPD-East ADC Sum

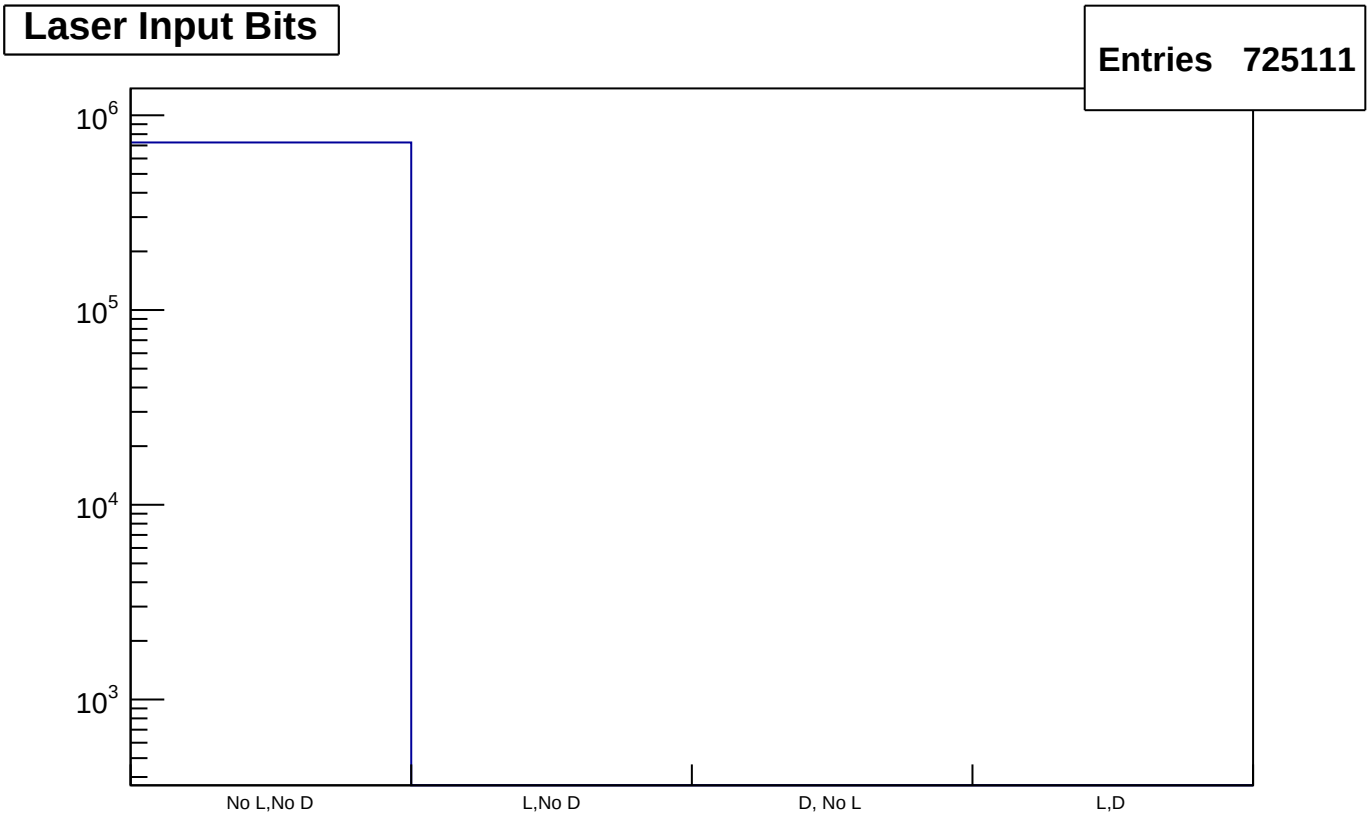

Entries 725111
TOF_Mult
VPD-West ADC Sum

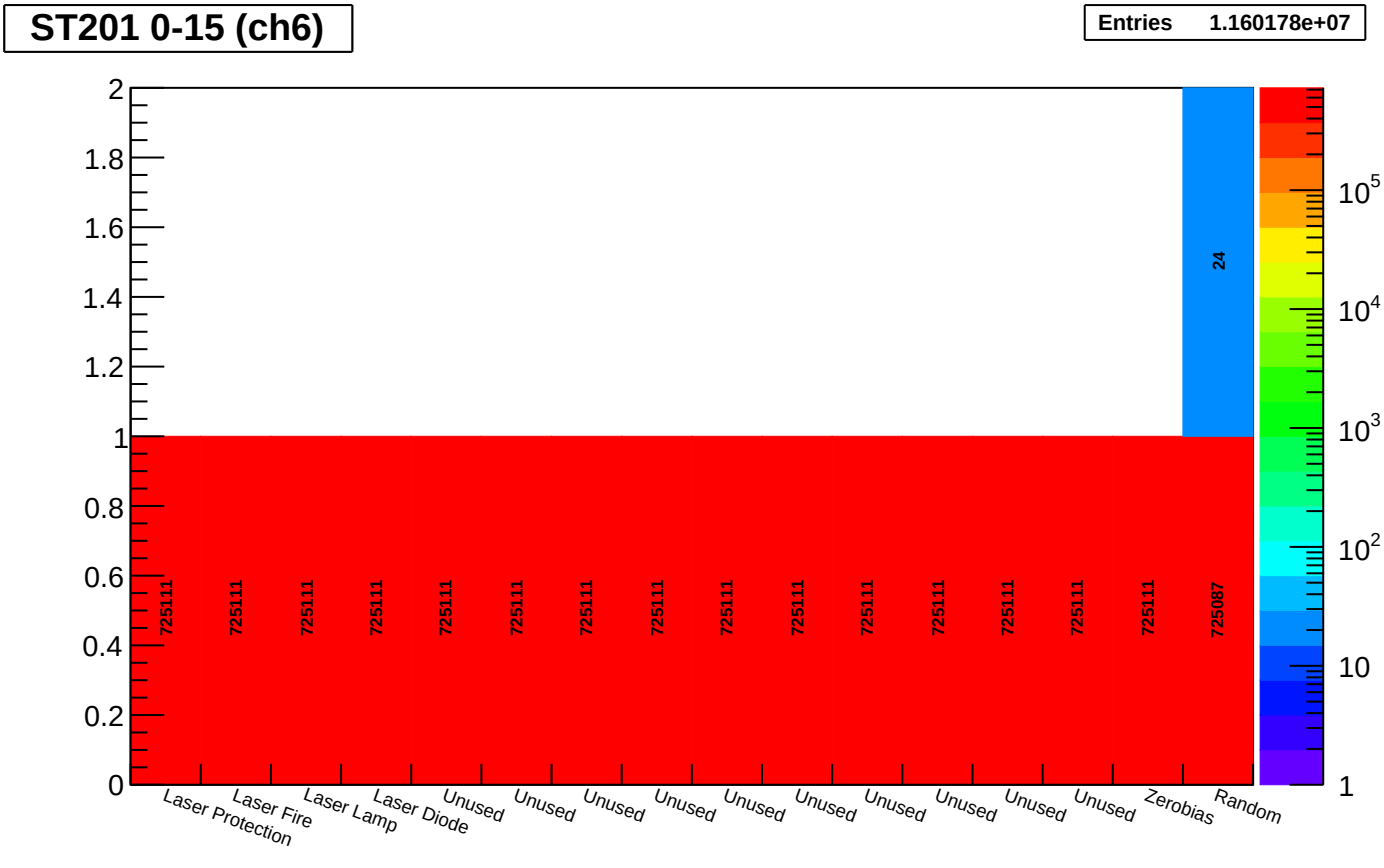

Entries 725111
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

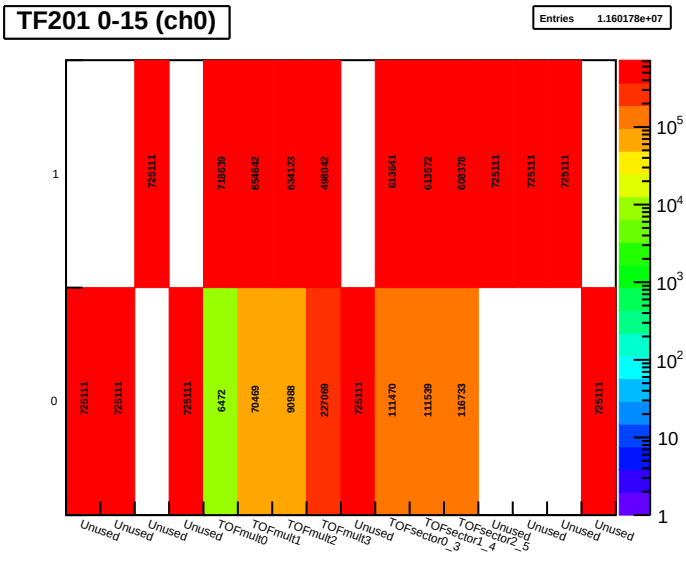

Entries 725111
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

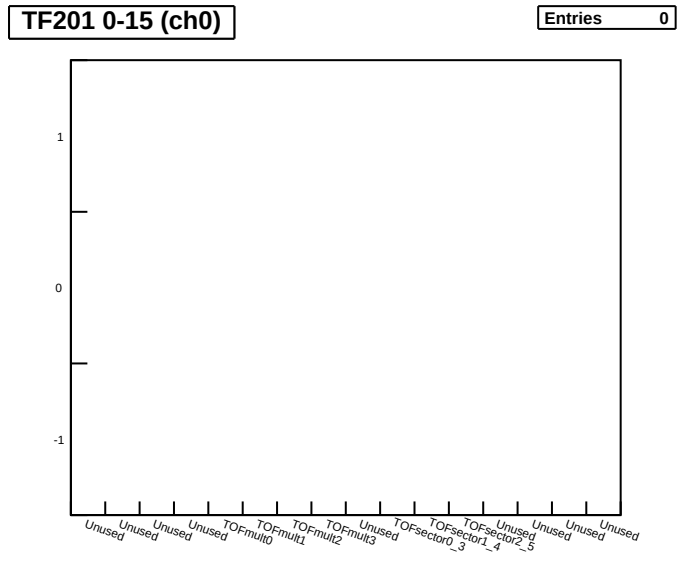

Entries 725111
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

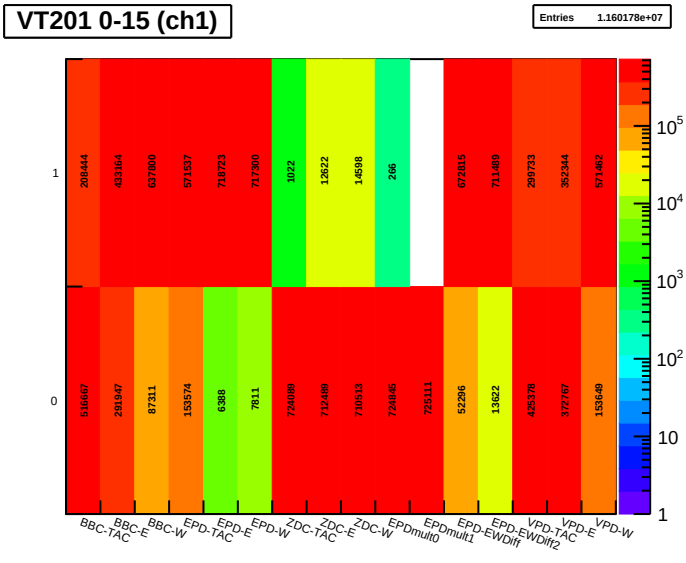

Entries 725111
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

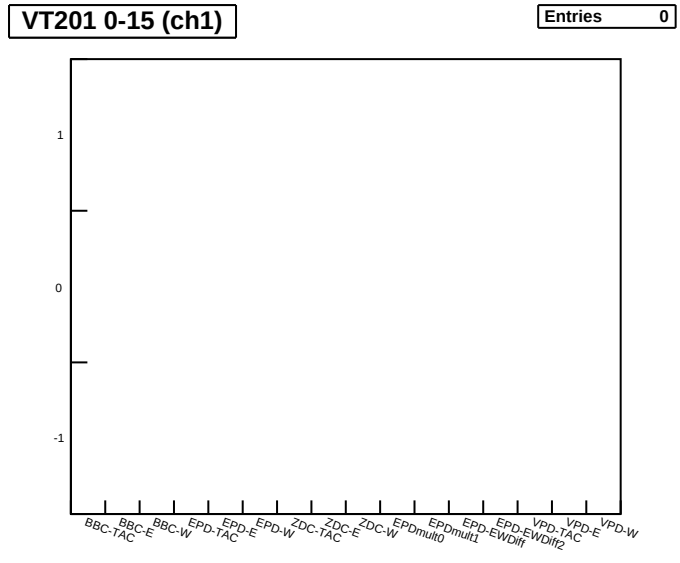

Laser Input Bits
Entries 725111
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

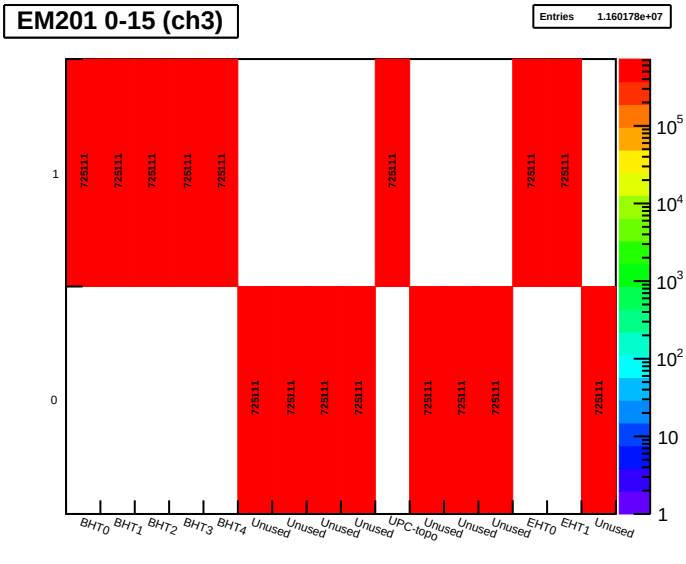

ST201 0-15 (ch6)
Entries 1.160178e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
725111
725087
24
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

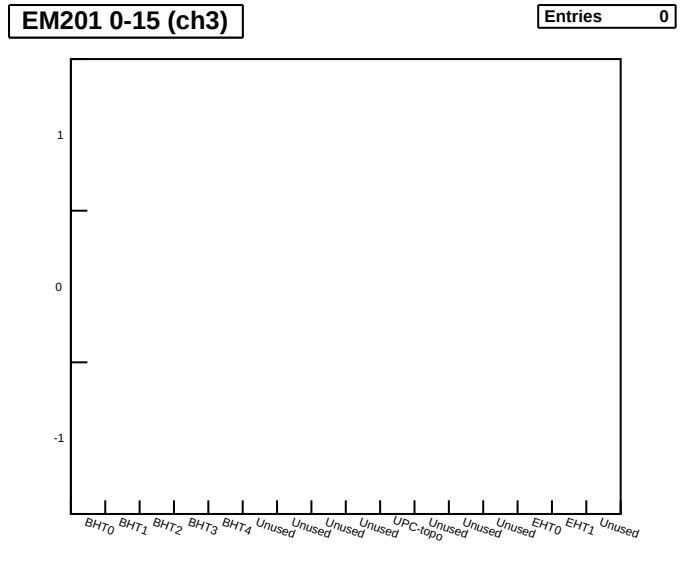

TF201 0-15 (ch0)
Entries 1.160178e+07
1
0
725111
718639
654642
634123
498042
613641
613572
608378
725111
725111
725111
725111
725111
725111
6472
70469
90988
227069
725111
111470
111539
116733
725111
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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


VT201 0-15 (ch1)
Entries 1.160178e+07
1
0
208444
433164
637800
571537
718723
717300
1022
12622
14598
266
672815
711489
299733
352344
571462
516667
291947
87311
153574
6388
7811
724039
712489
710513
724845
725111
52296
13622
425378
372767
153649
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 1.160178e+07
1
0
725111
725111
725111
725111
725111
725111
725111
725111
725111
725111
725111
725111
725111
725111
725111
725111
725111
725111
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