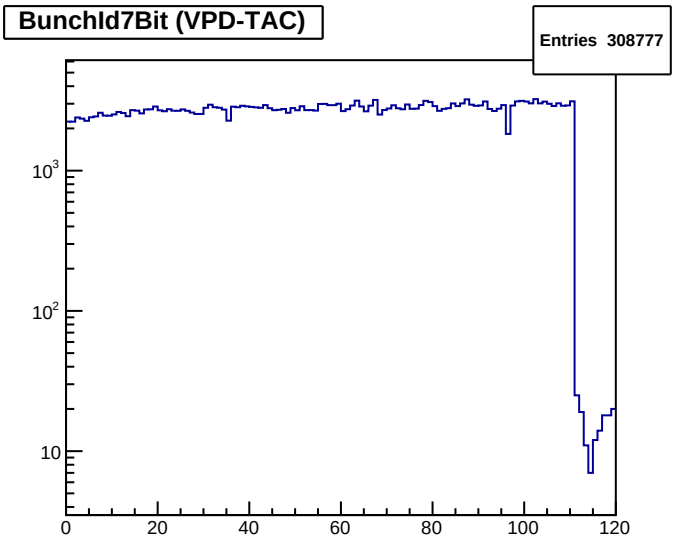
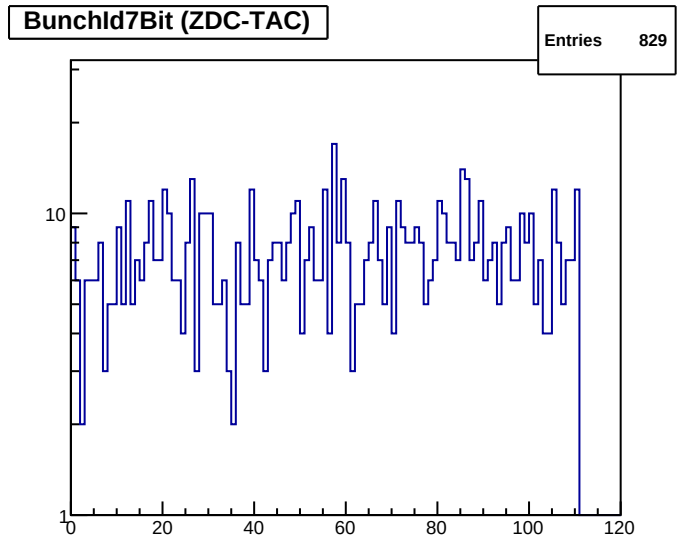
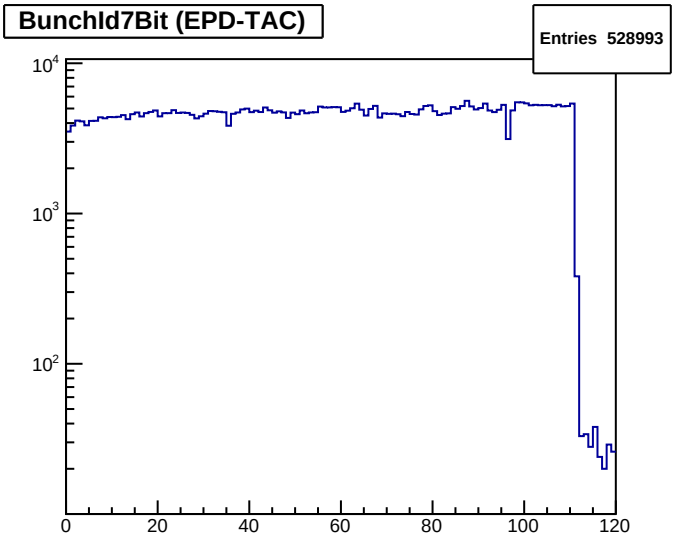
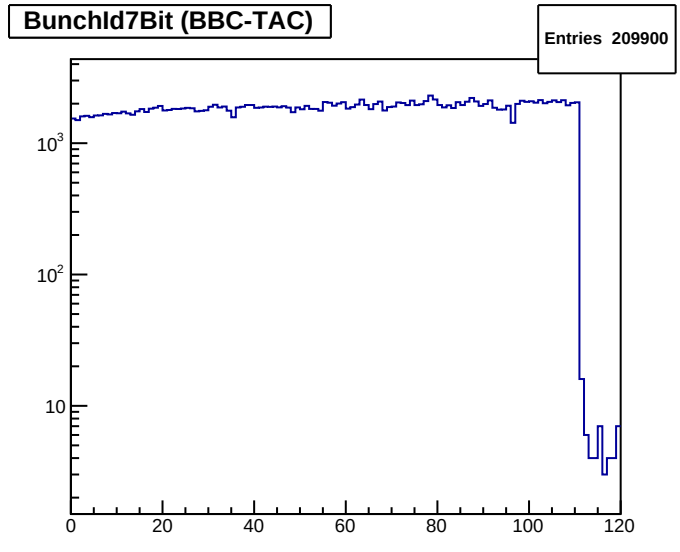
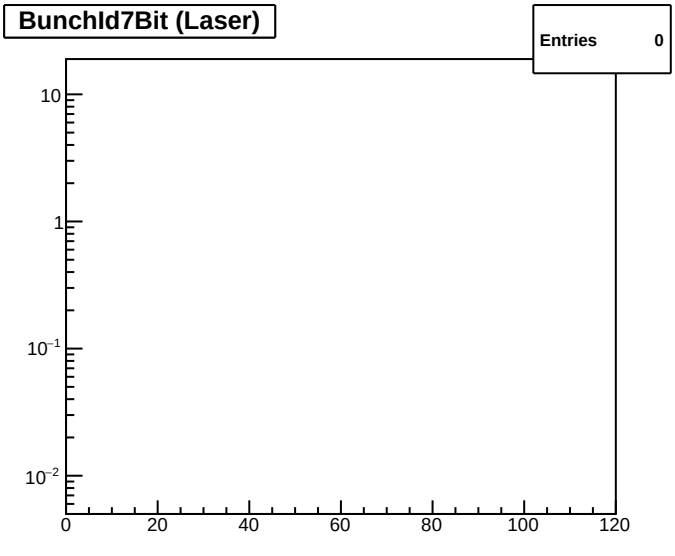
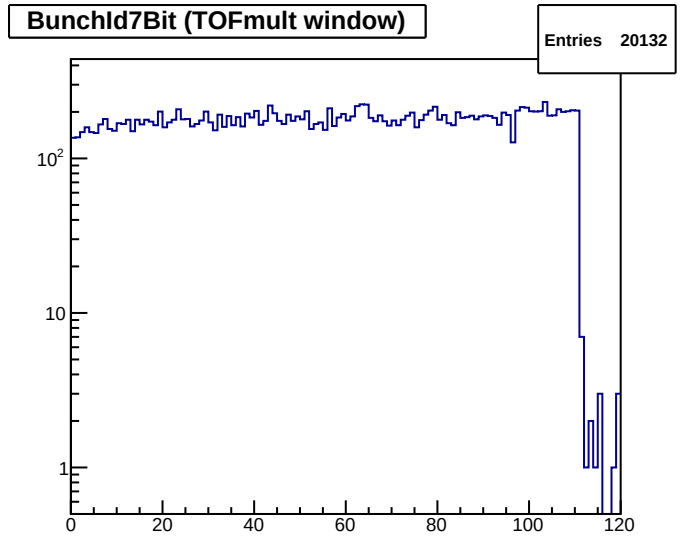

BunchId7Bit (VPD-TAC)
Entries 308777

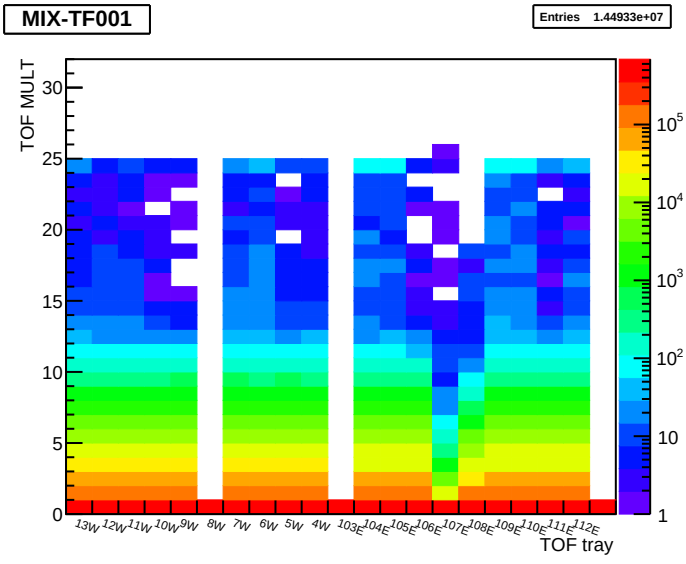

BunchId7Bit (ZDC-TAC)
Entries 829

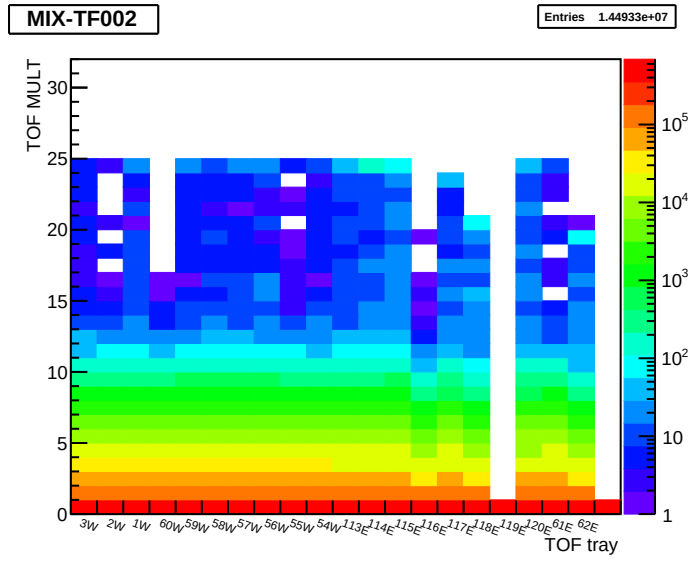

BunchId7Bit (EPD-TAC)
Entries 528993

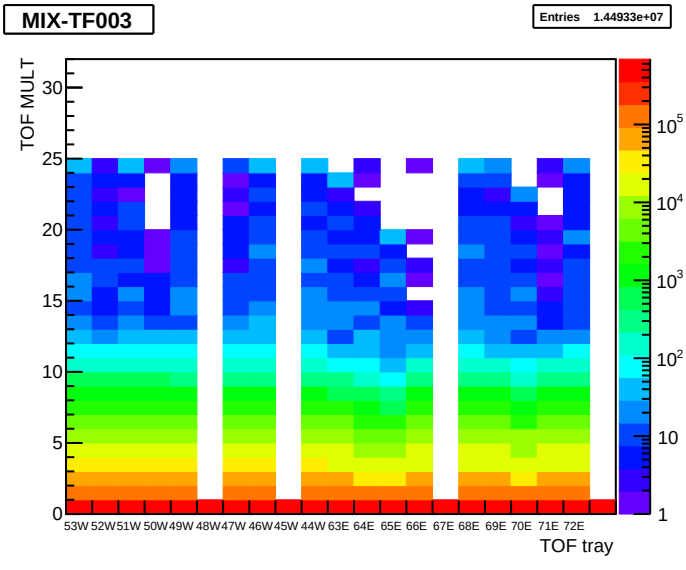

BunchId7Bit (BBC-TAC)
Entries 209900

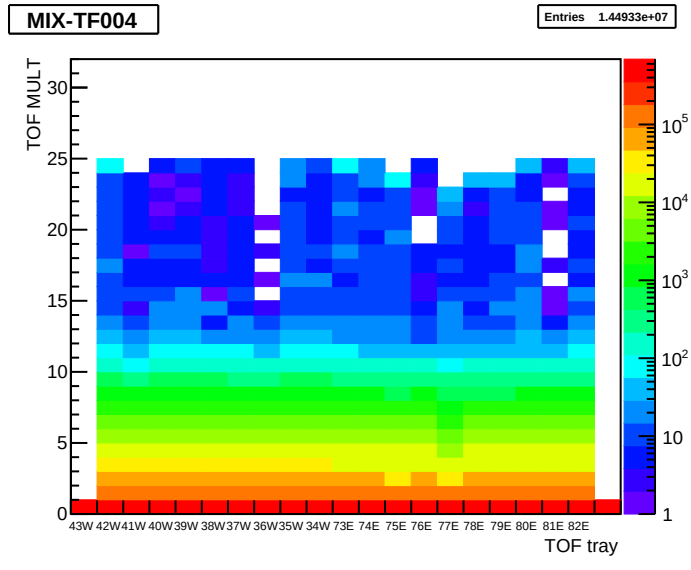

BunchId7Bit (Laser)
Entries 0

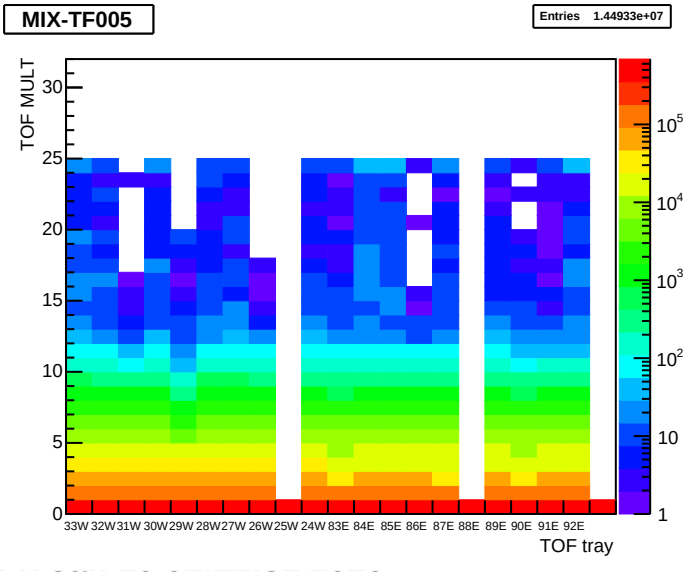

BunchId7Bit (TOFmult window)
Entries 20132

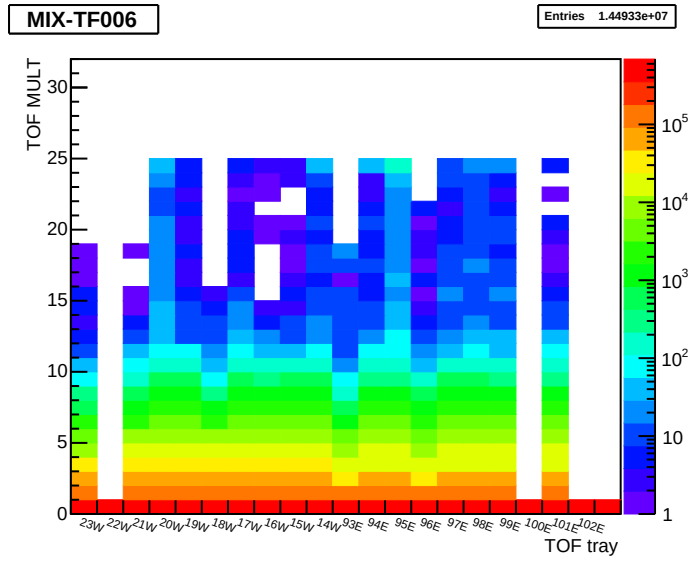

MIX-TF001
Entries 1.44933e+07
TOF MULT
TOF tray

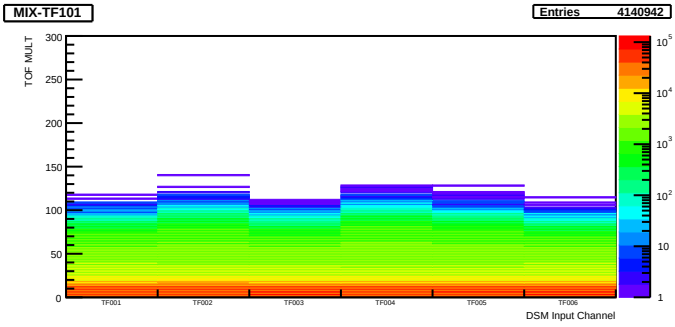

MIX-TF002
Entries 1.44933e+07
TOF MULT
TOF tray

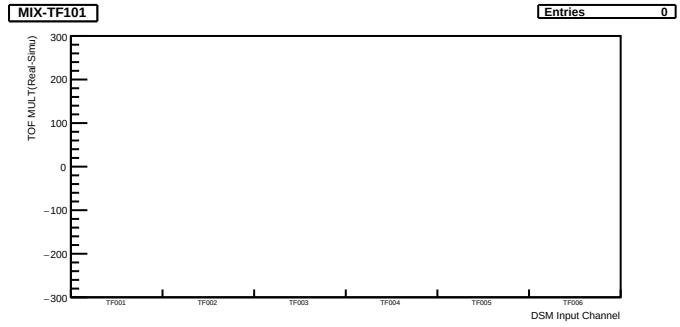

MIX-TF003
Entries 1.44933e+07
TOF MULT
TOF tray

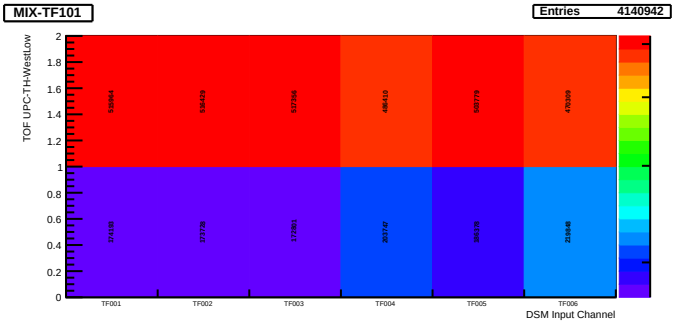

MIX-TF004
Entries 1.44933e+07
TOF MULT
TOF tray

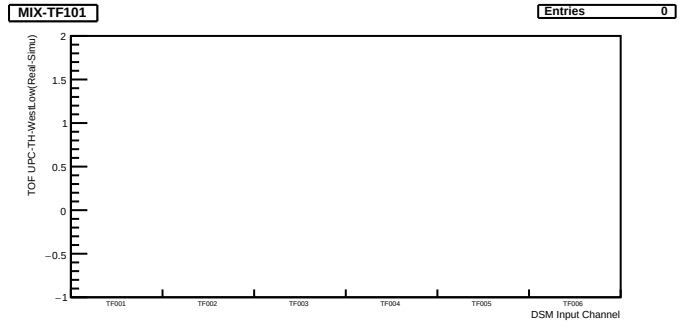

MIX-TF005
Entries 1.44933e+07
TOF MULT
TOF tray

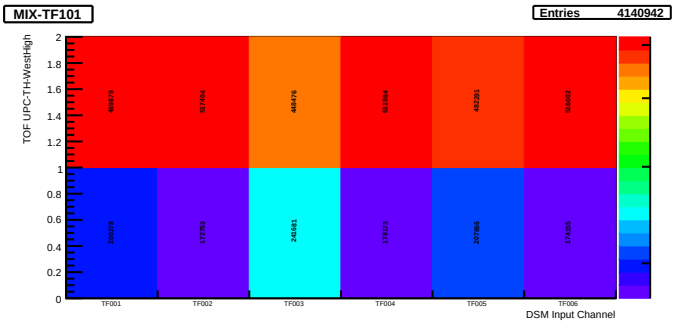

MIX-TF006
Entries 1.44933e+07
TOF MULT
TOF tray

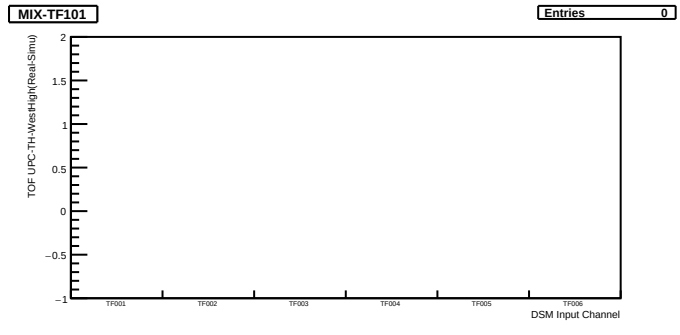

MIX-TF101
Entries 4140942
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

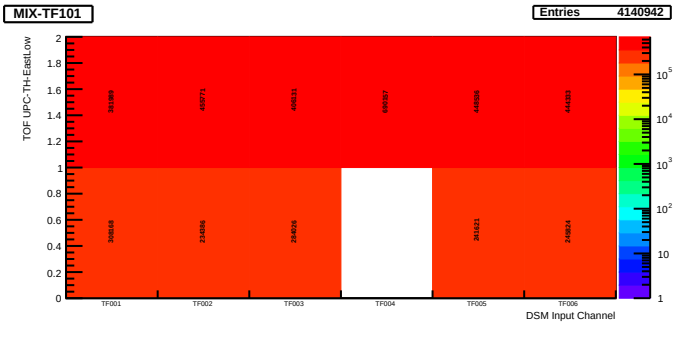

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

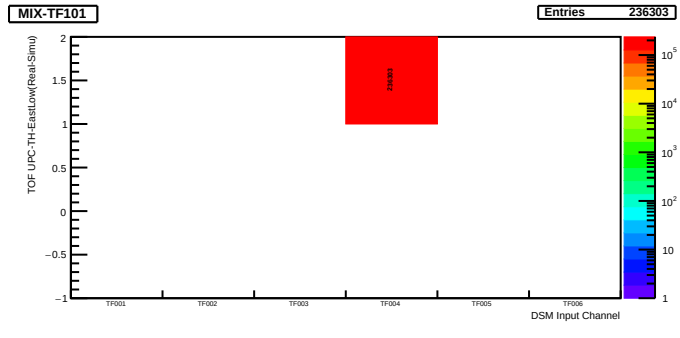

MIX-TF101
Entries 4140942
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

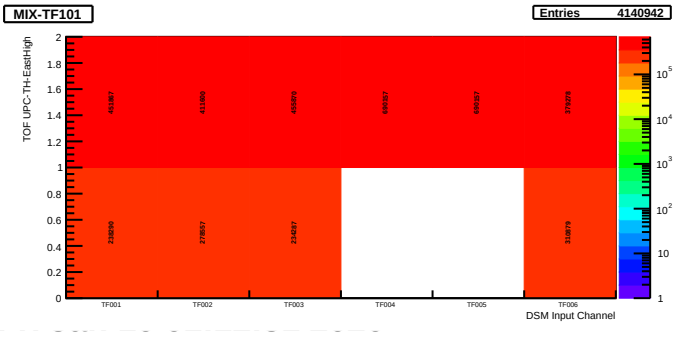

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

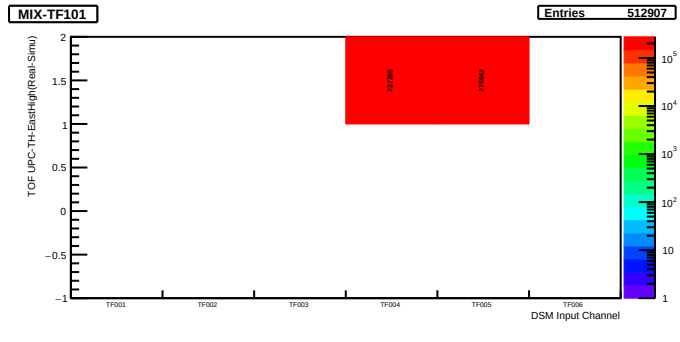

MIX-TF101
Entries 4140942
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

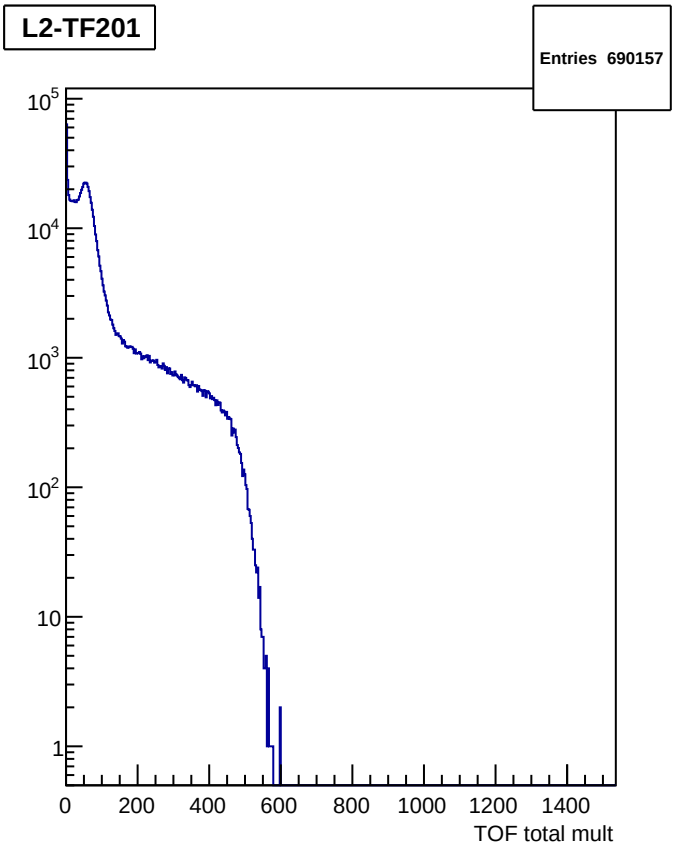

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

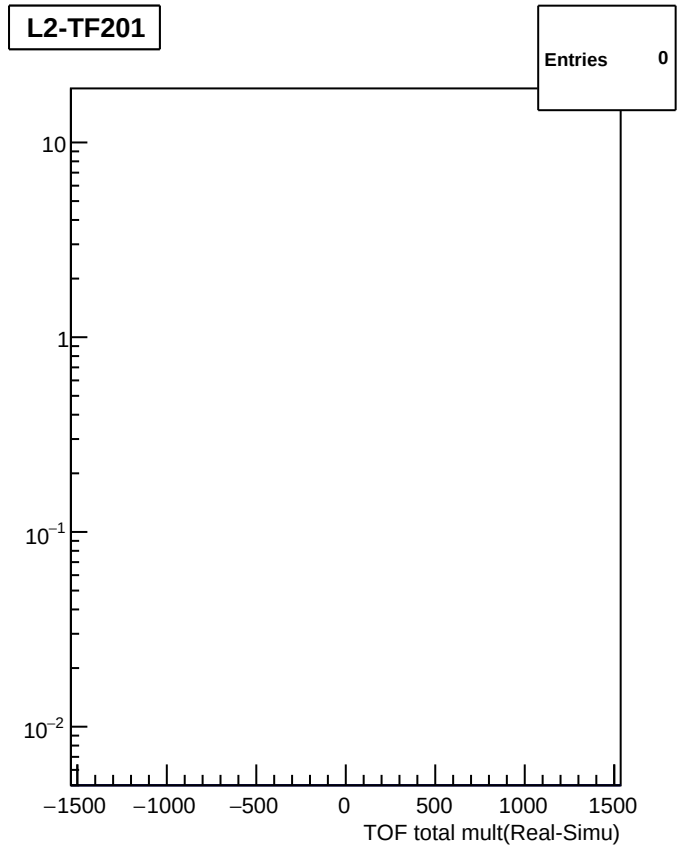

MIX-TF101
Entries 4140942
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

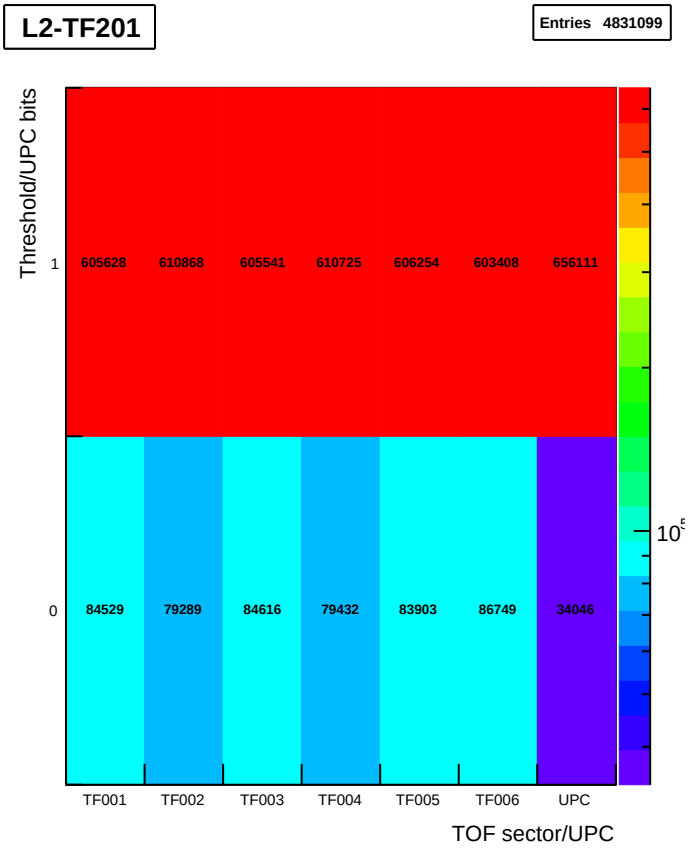

MIX-TF101
Entries 236303
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

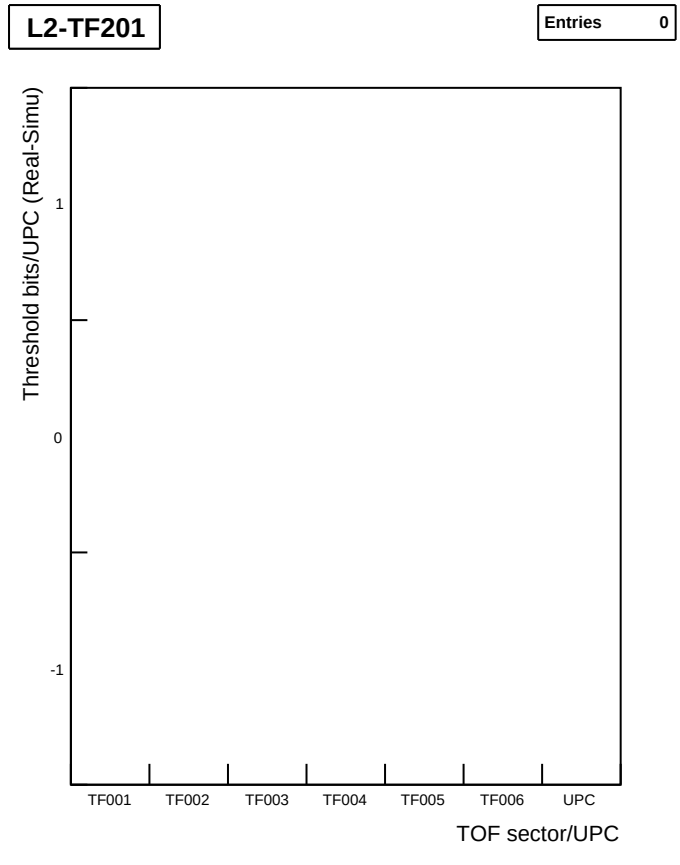

MIX-TF101
Entries 4140942
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

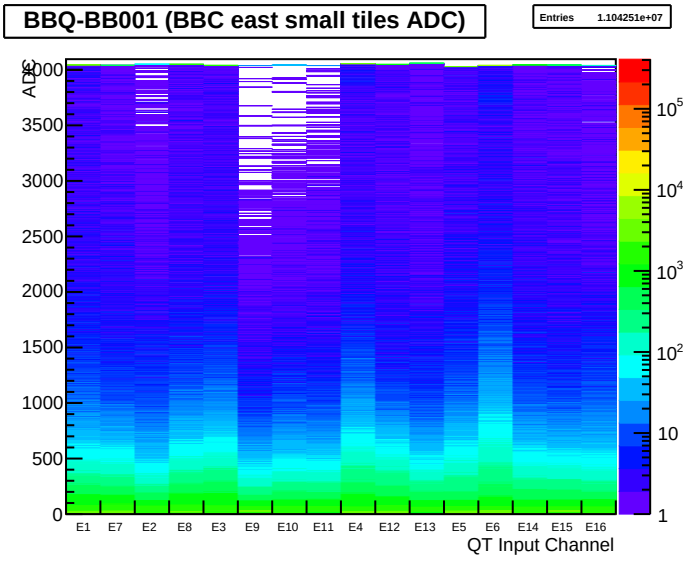

MIX-TF101
Entries 512907
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

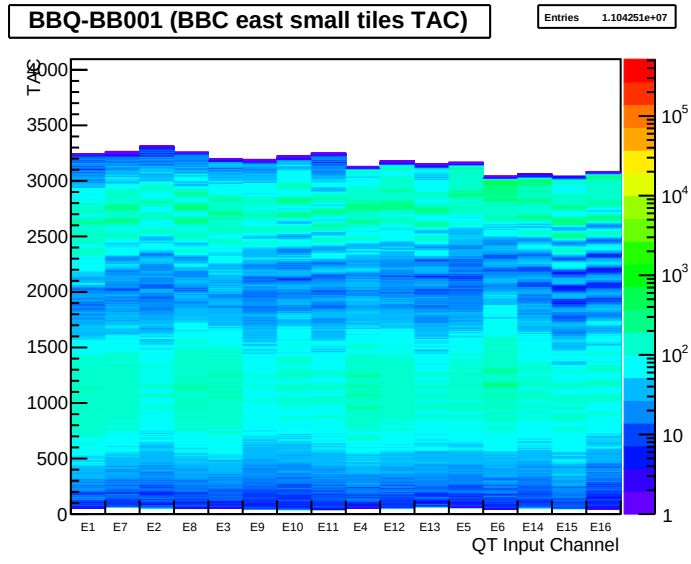

L2-TF201
Entries 690157
TOF total mult

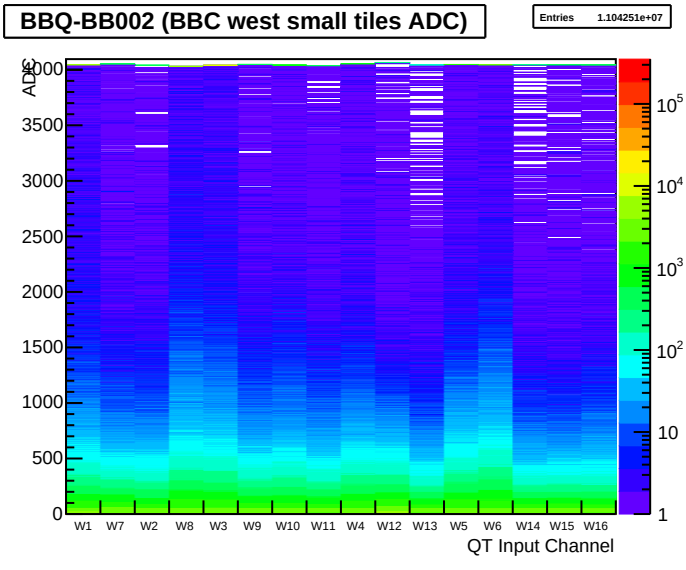

L2-TF201
Entries 0
TOF total mult(Real-Simu)

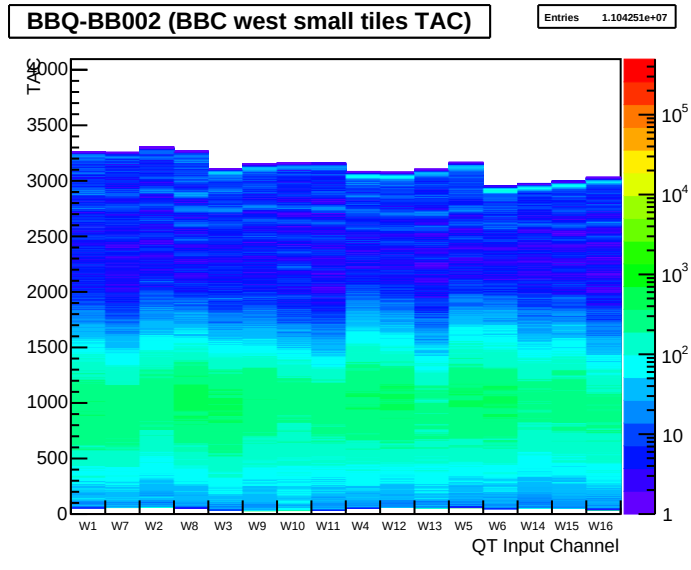

L2-TF201
Entries 4831099
Threshold/UPC bits
605628
610868
605541
610725
606254
603408
656111
84529
79289
84616
79432
83903
86749
34046
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

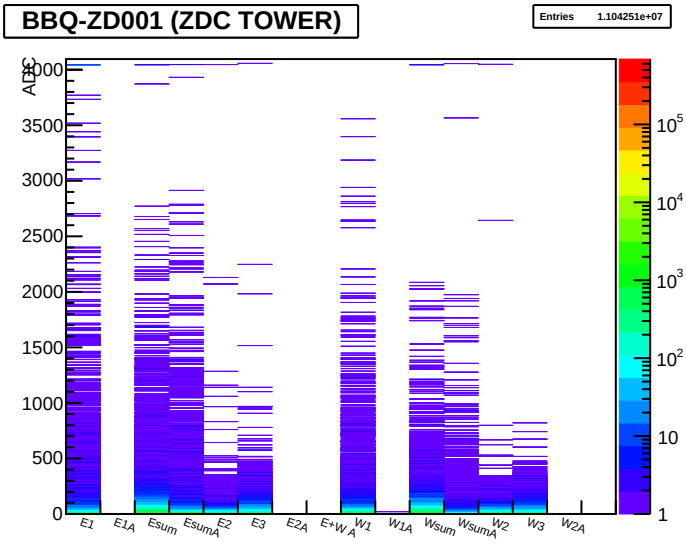

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

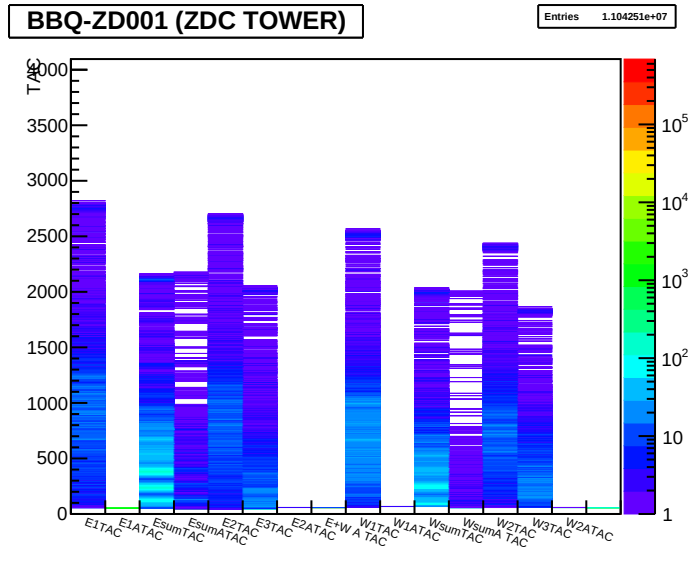

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.104251e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

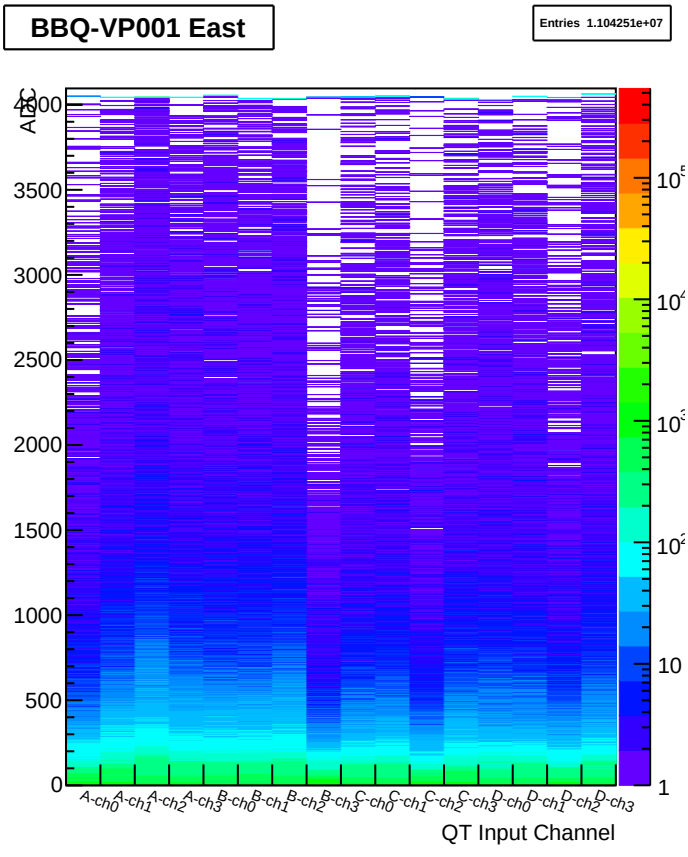

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.104251e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

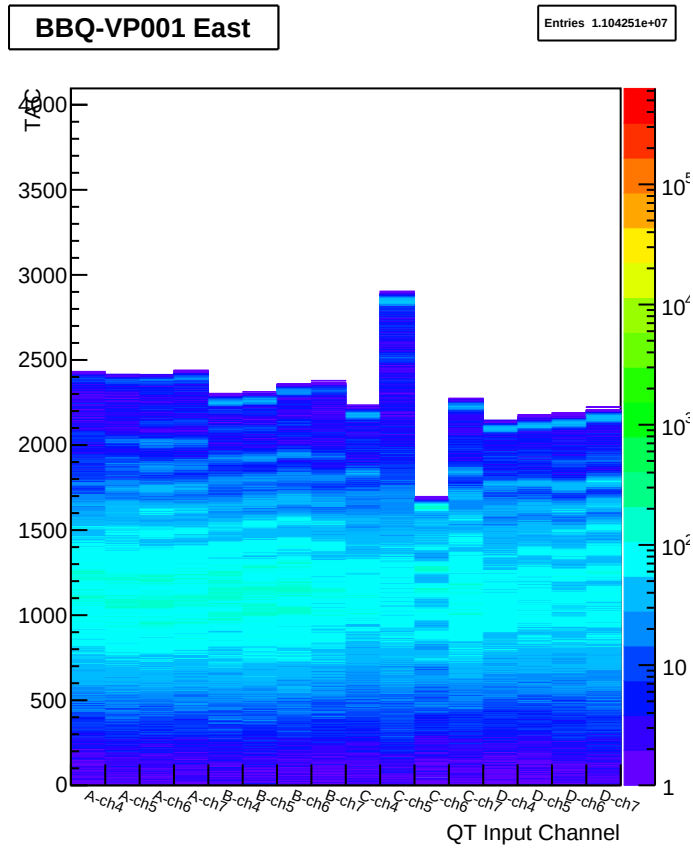

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.104251e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

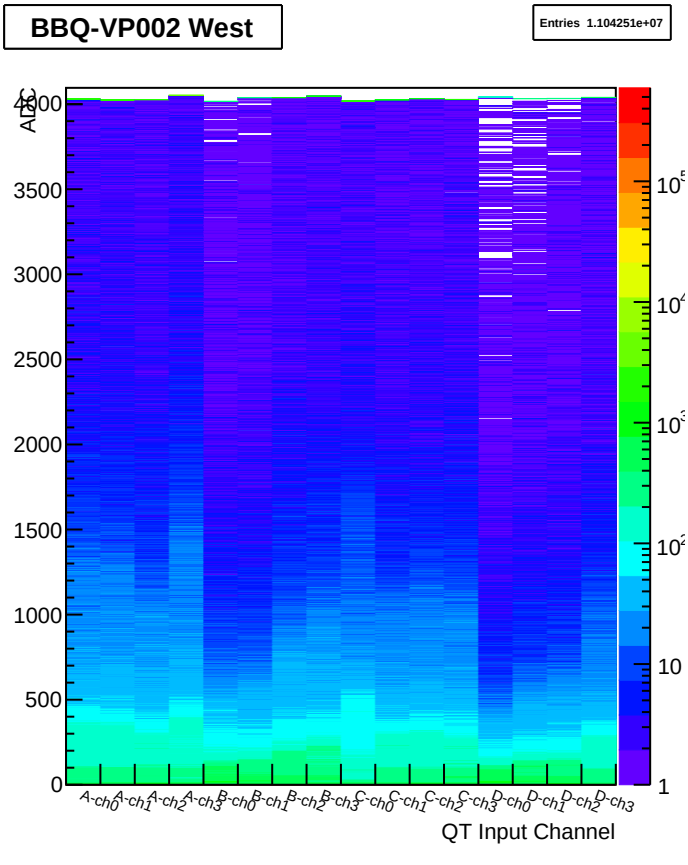

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.104251e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

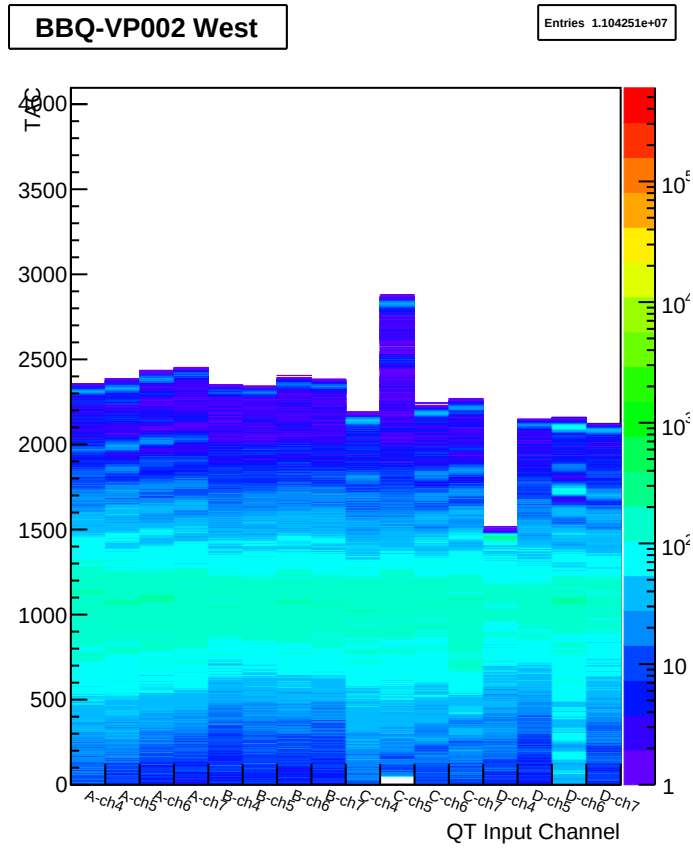

BBQ-ZD001 (ZDC TOWER)
Entries 1.104251e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

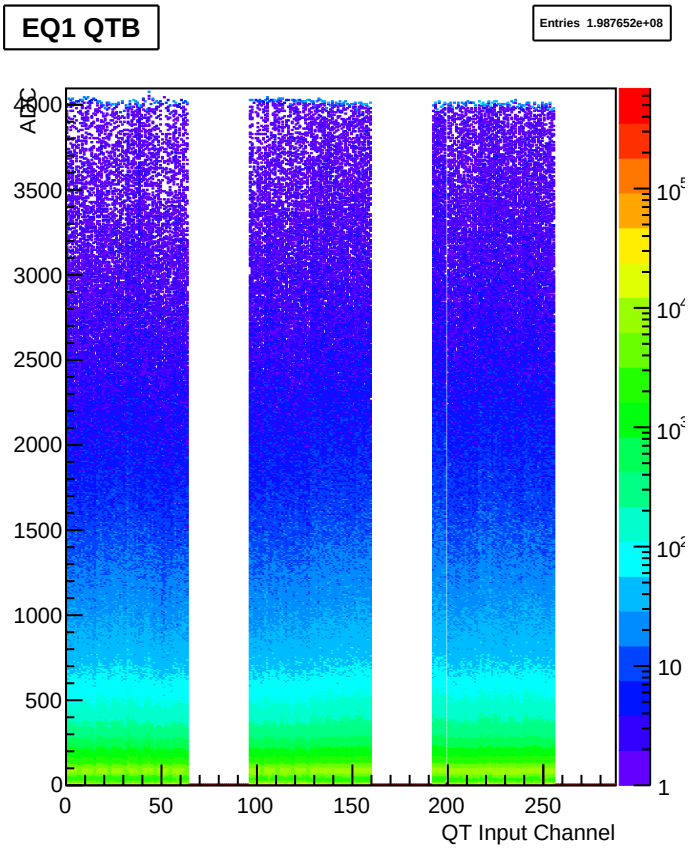

BBQ-ZD001 (ZDC TOWER)
Entries 1.104251e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

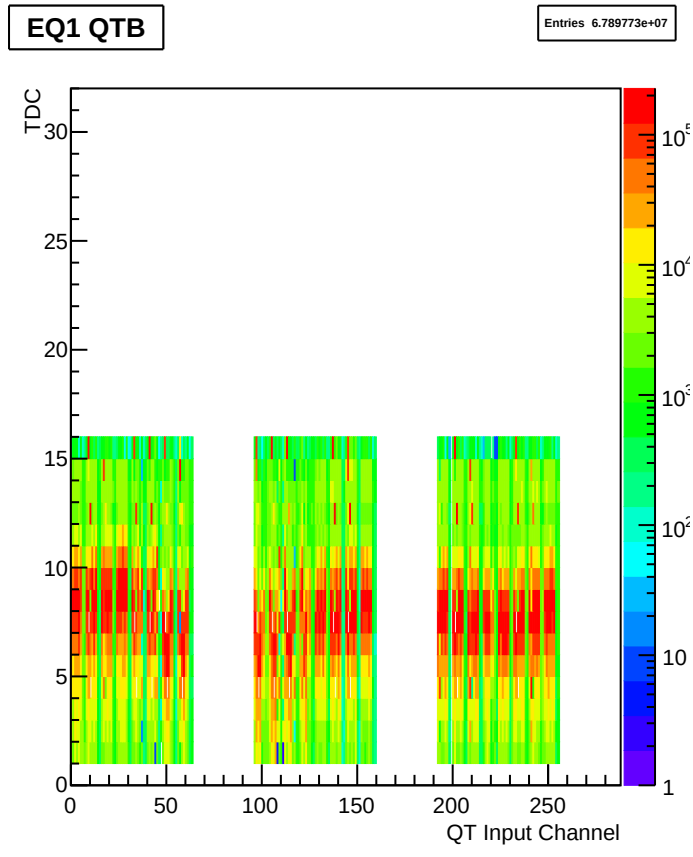

BBQ-VP001 East
Entries 1.104251e+07
ADC
QT Input Channel

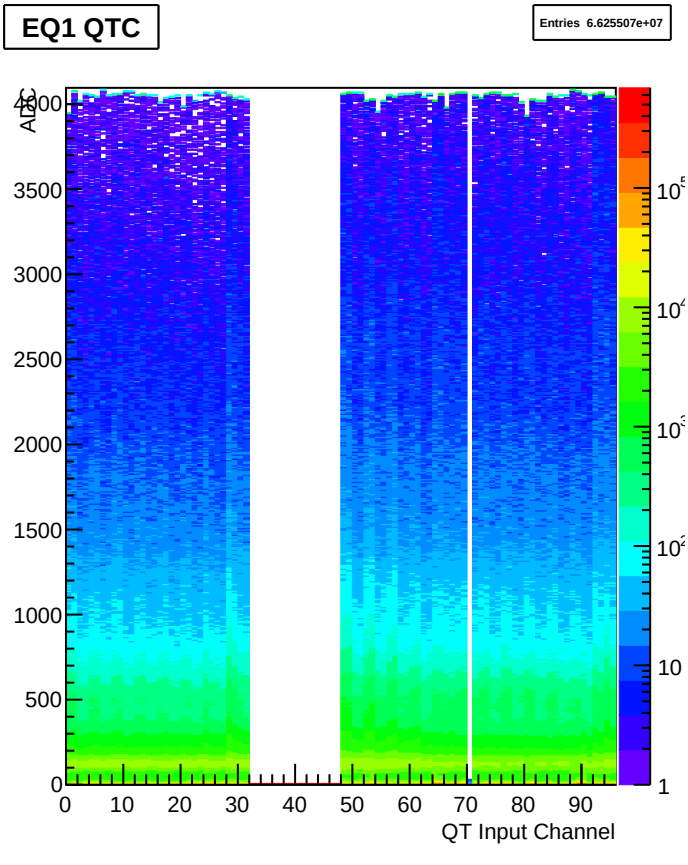

BBQ-VP001 East
Entries 1.104251e+07
TADC
QT Input Channel

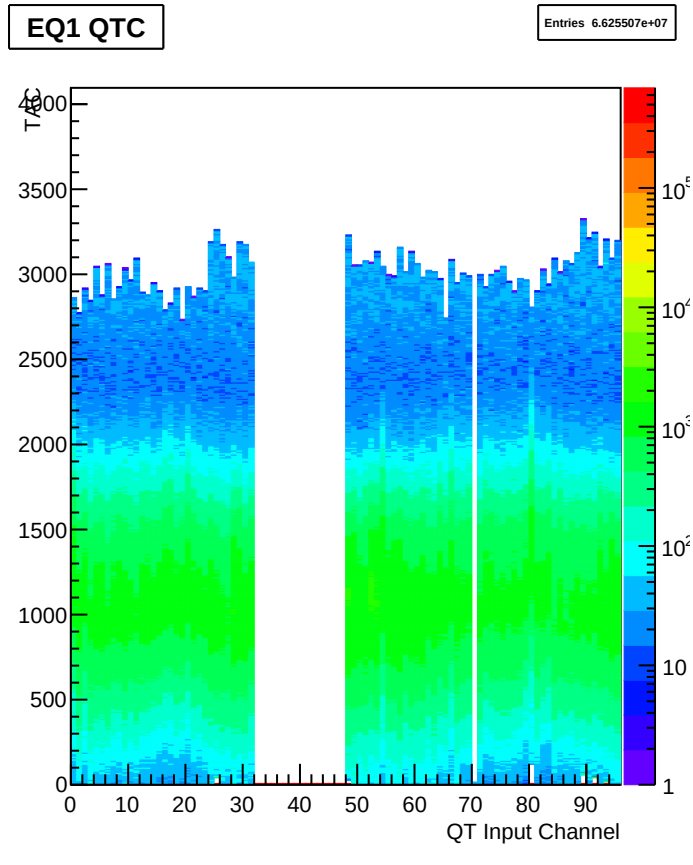

BBQ-VP002 West
Entries 1.104251e+07
ADC
QT Input Channel

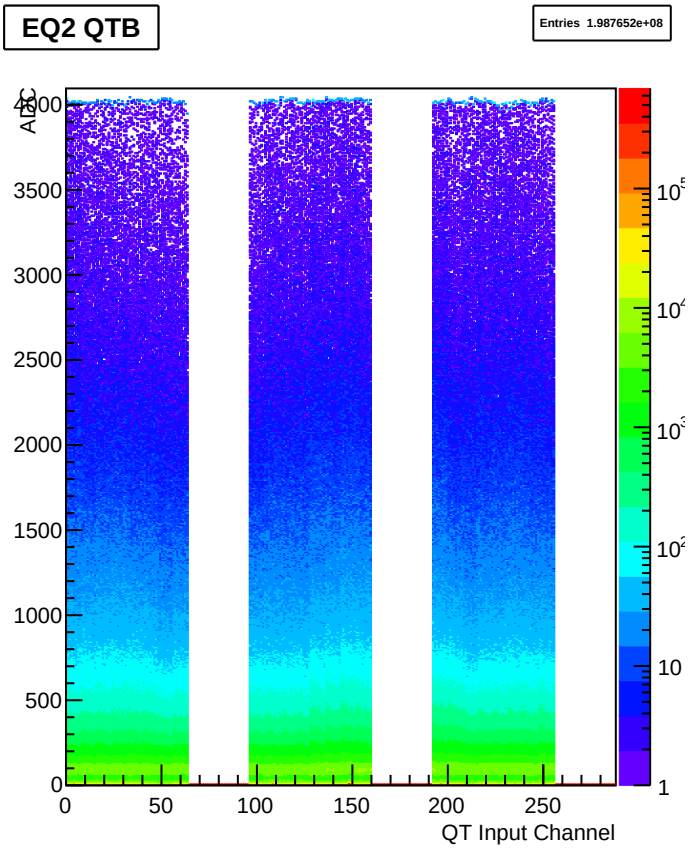

BBQ-VP002 West
Entries 1.104251e+07
TADC
QT Input Channel

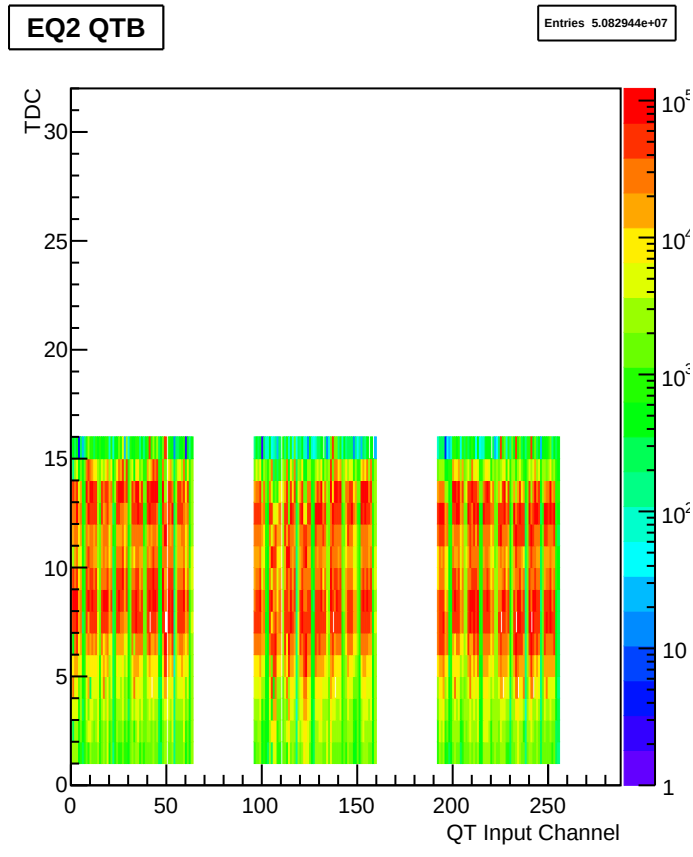

EQ1 QTB
Entries 1.987652e+08
ADC
QT Input Channel

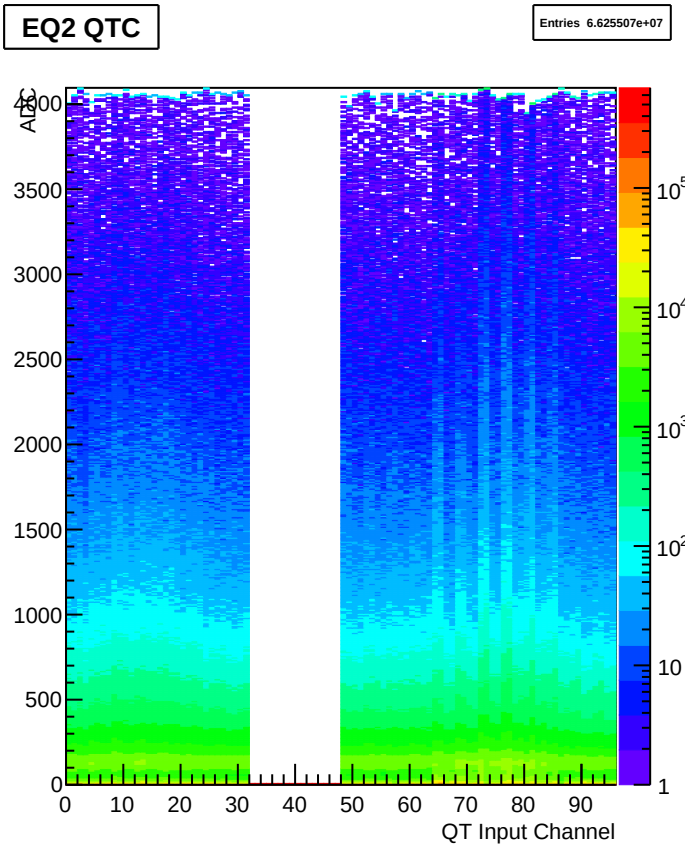

EQ1 QTB
Entries 6.789773e+07
TDC
QT Input Channel

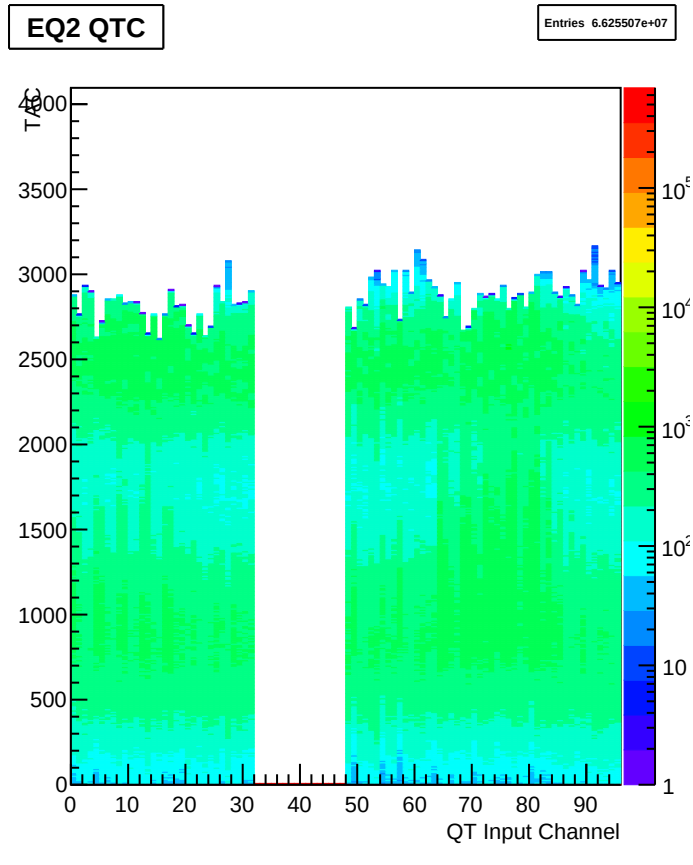

EQ1 QTC
Entries 6.625507e+07
ADC
QT Input Channel

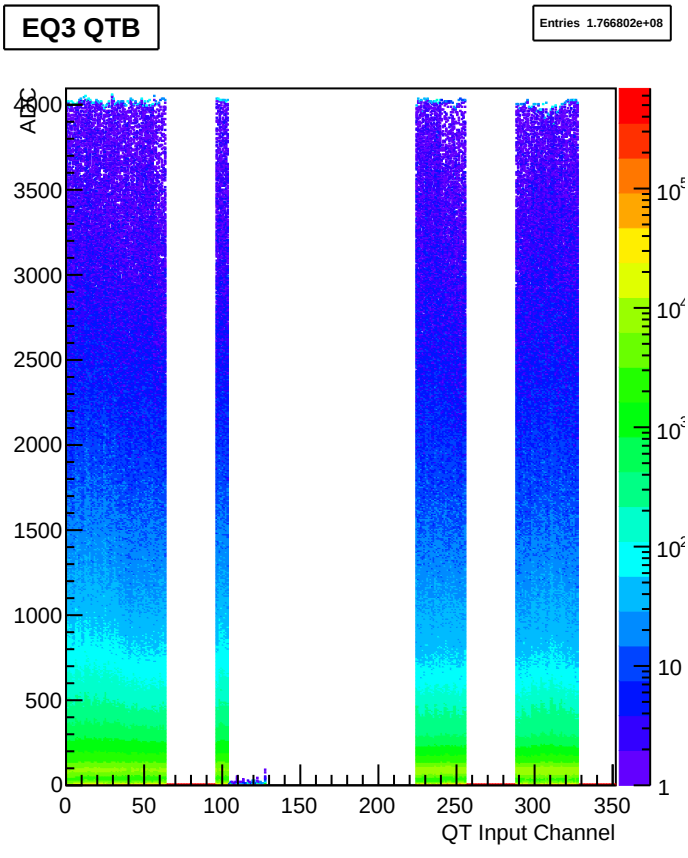

EQ1 QTC
Entries 6.625507e+07
TADC
QT Input Channel

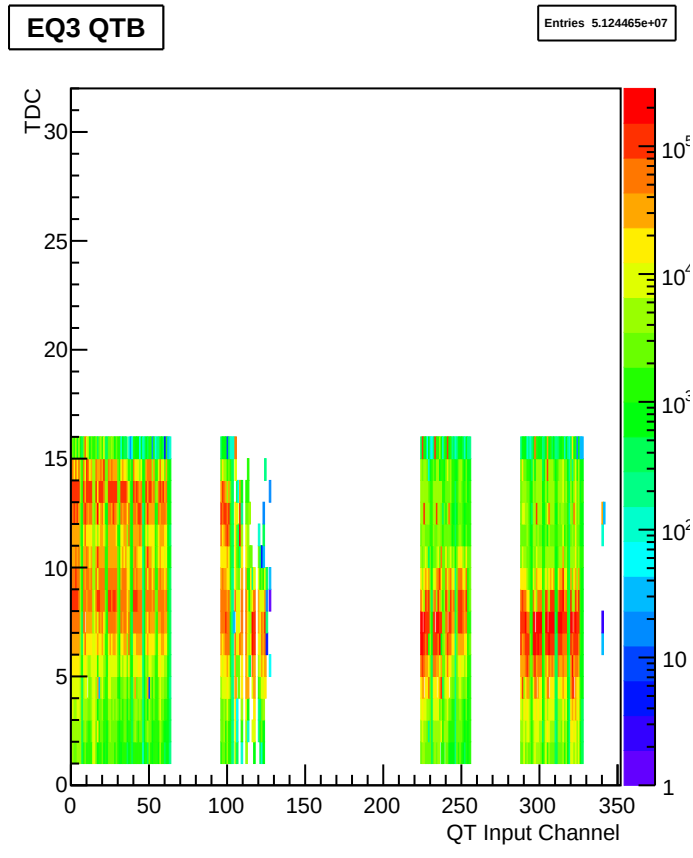

EQ2 QTB
Entries 1.987652e+08
ADC
QT Input Channel

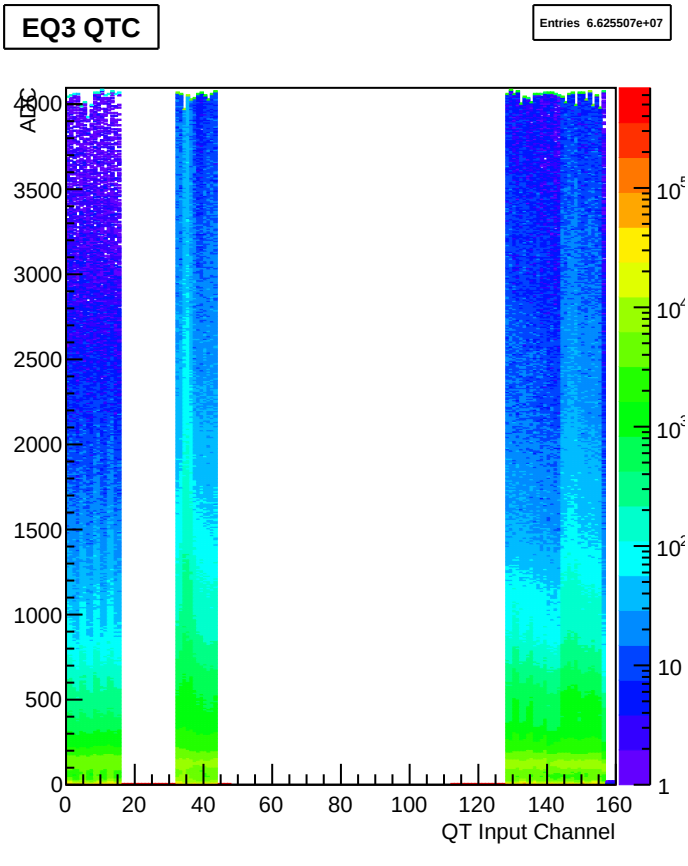

EQ2 QTB
Entries 5.082944e+07
TDC
QT Input Channel

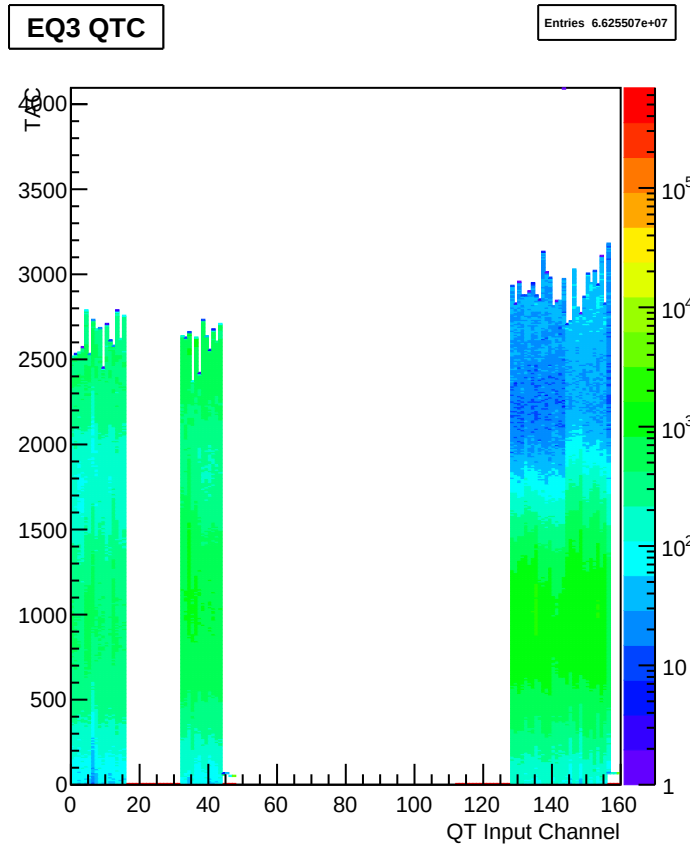

EQ2 QTC
Entries 6.625507e+07
ADC
QT Input Channel

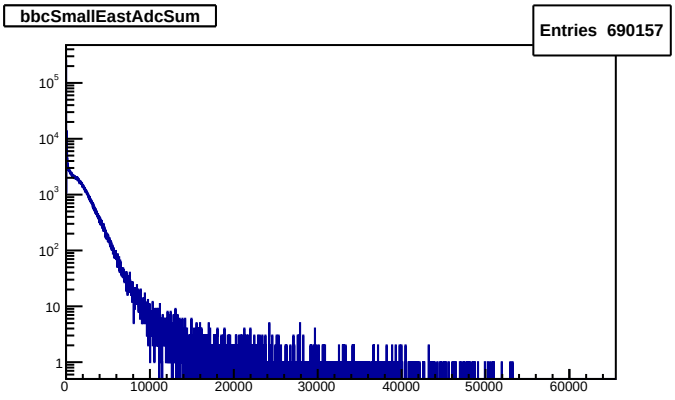

EQ2 QTC
Entries 6.625507e+07
TADC
QT Input Channel

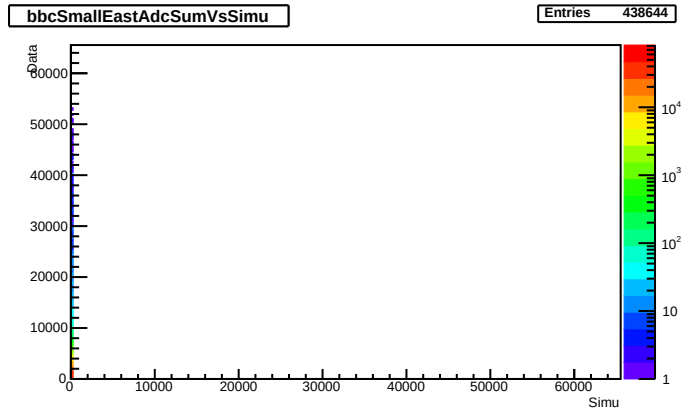

EQ3 QTB
Entries 1.766802e+08
ADC
QT Input Channel

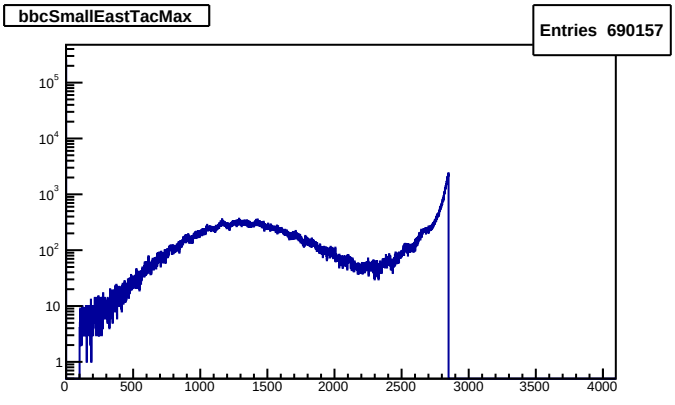

EQ3 QTB
Entries 5.124465e+07
TDC
QT Input Channel

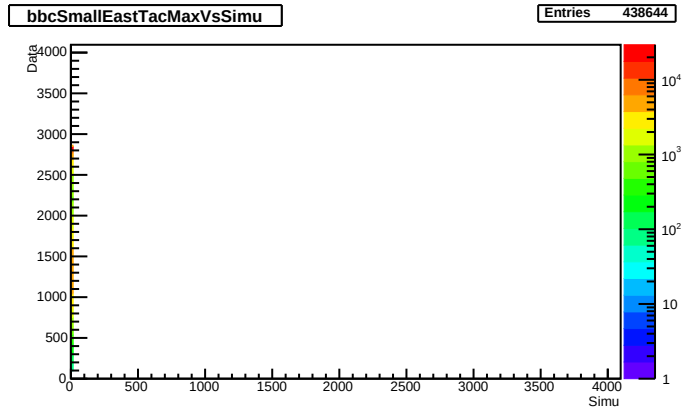

EQ3 QTC
Entries 6.625507e+07
ADC
QT Input Channel

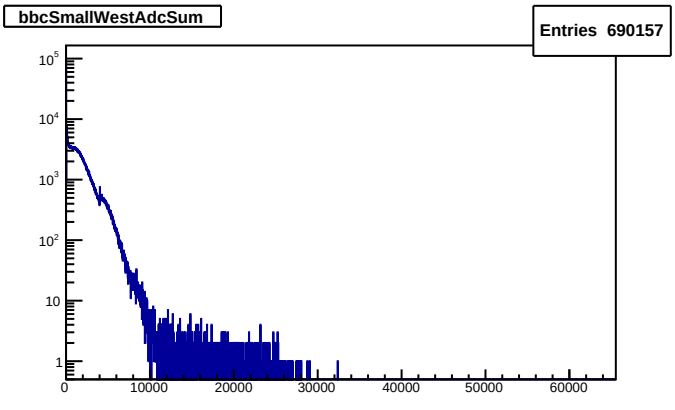

EQ3 QTC
Entries 6.625507e+07
TADC
QT Input Channel

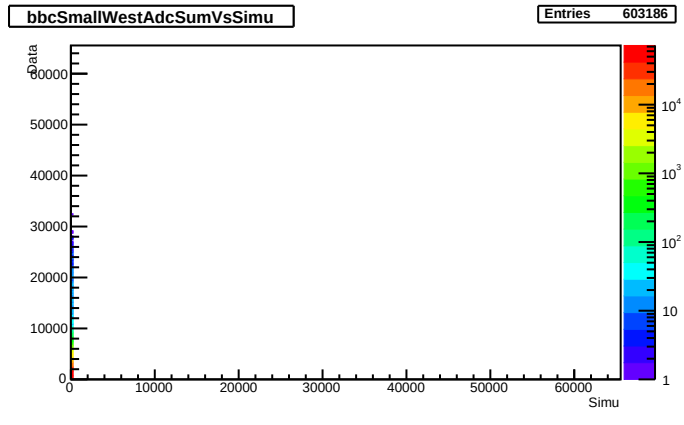

bbcSmallEastAdcSum
Entries 690157

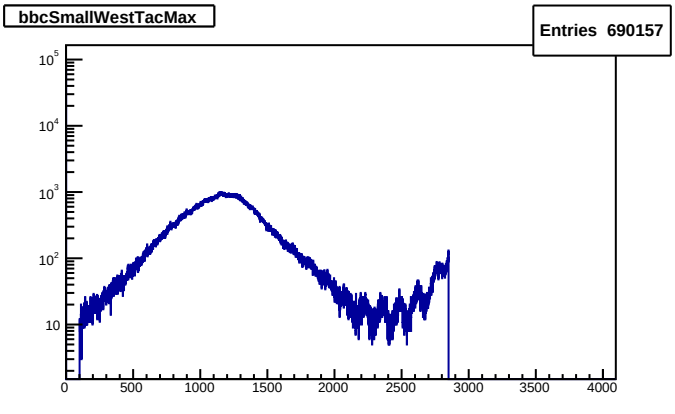

bbcSmallEastAdcSumVsSimu
Entries 438644
Data
Simu

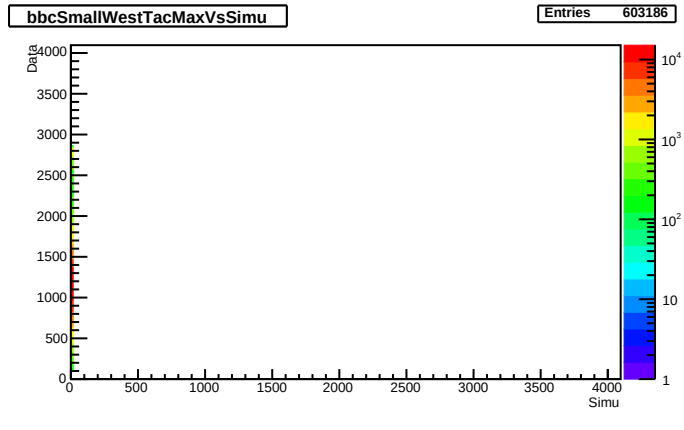

bbcSmallEastTacMax
Entries 690157

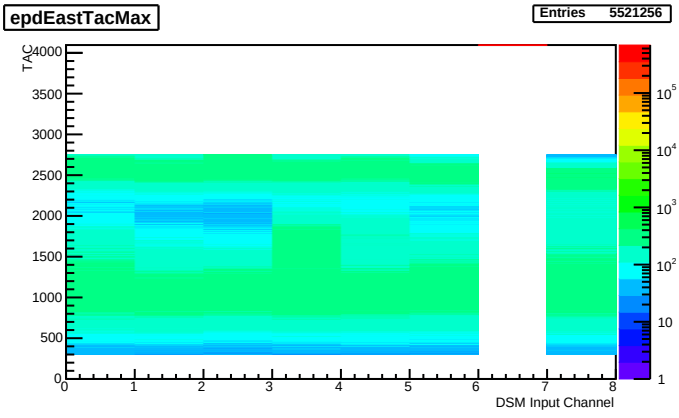

bbcSmallEastTacMaxVsSimu
Entries 438644
Data
Simu

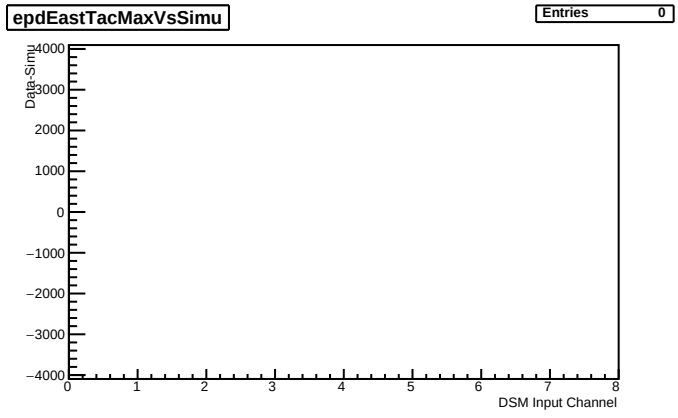

bbcSmallWestAdcSum
Entries 690157

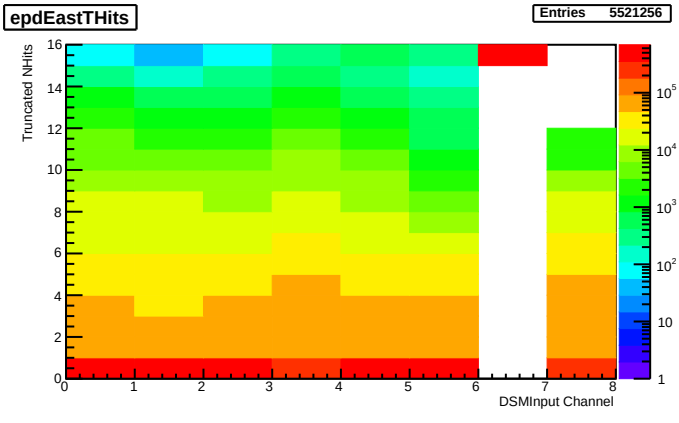

bbcSmallWestAdcSumVsSimu
Entries 603186
Data
Simu

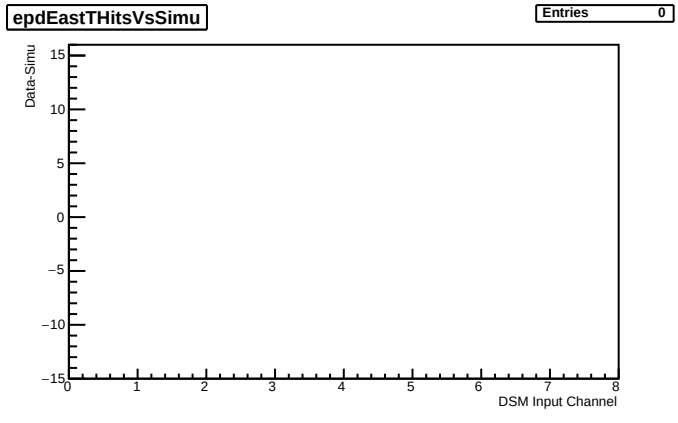

bbcSmallWestTacMax
Entries 690157


bbcSmallWestTacMaxVsSimu
Entries 603186
Data
Simu


epdEastTacMax
Entries 5521256
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5521256
Truncated NHits
DSMInput Channel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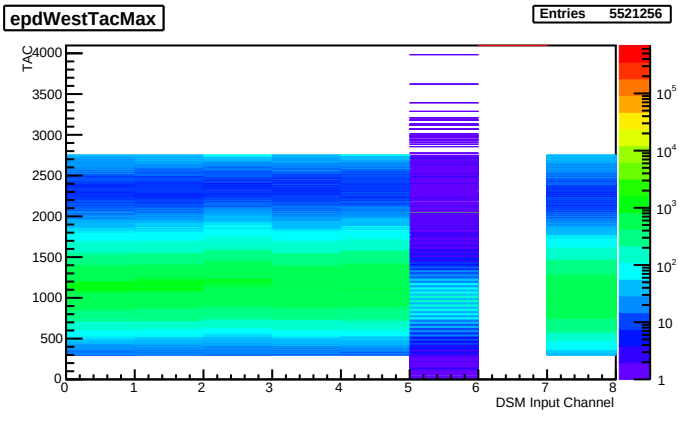
Data-Simu
DSM Input Channel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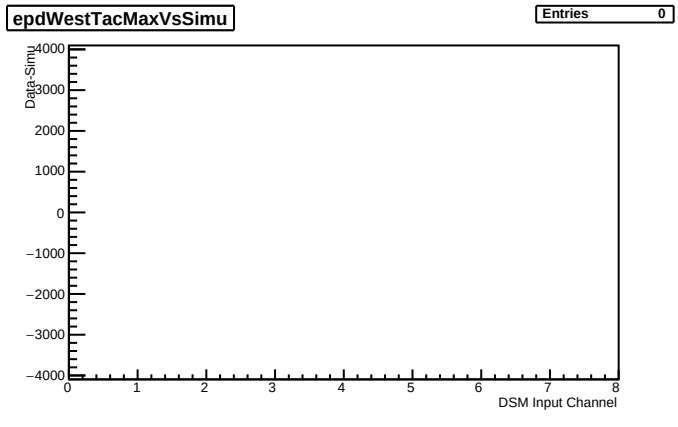
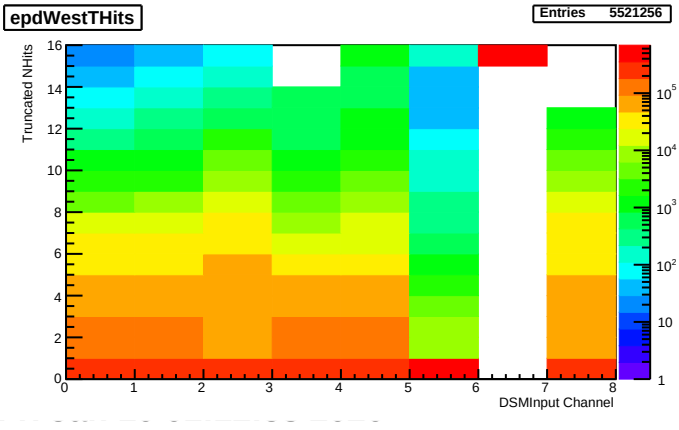
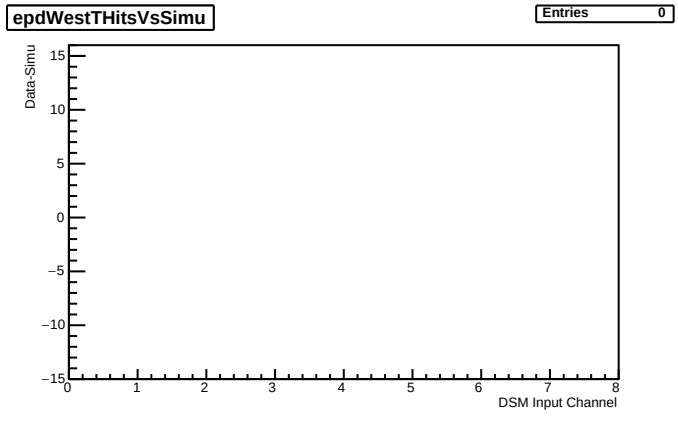
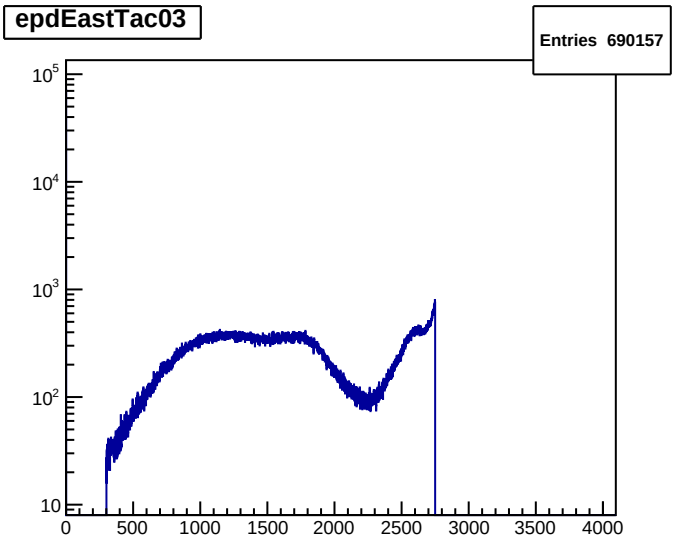
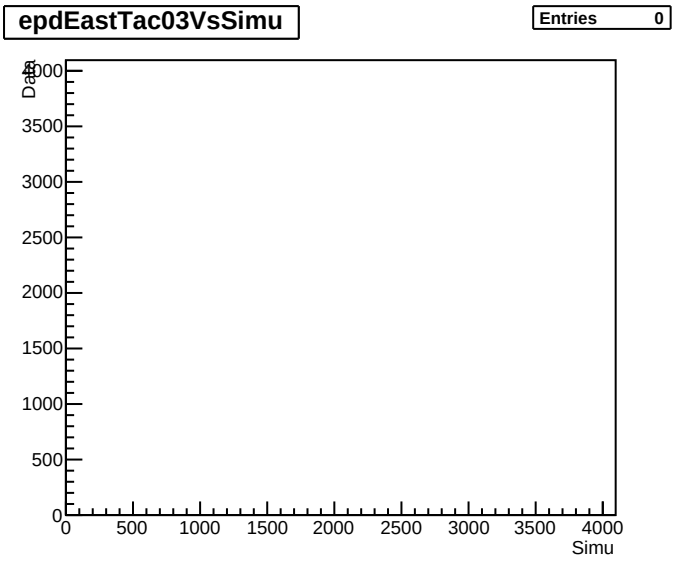
Entries 5521256
TAC
DSM Input Channel

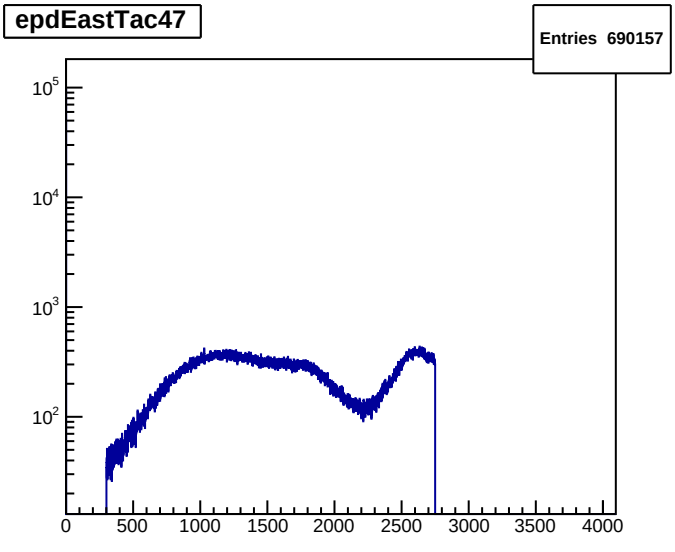

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

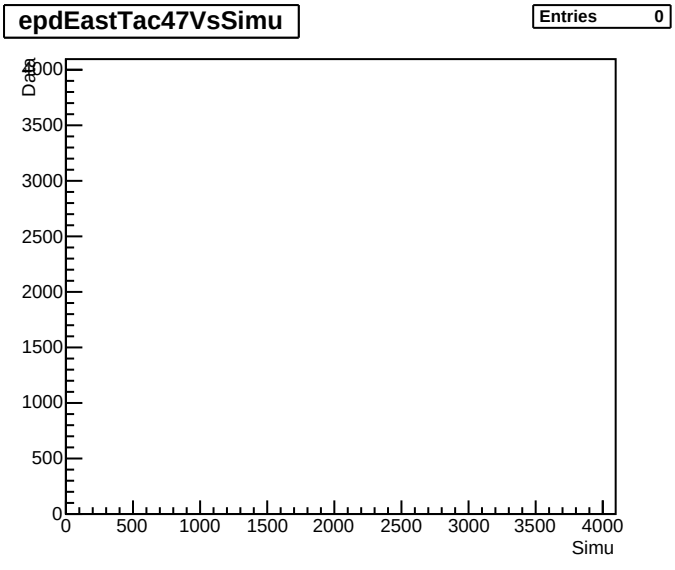

epdWestTHits
Entries 5521256
Truncated NHits
DSMInput Channel

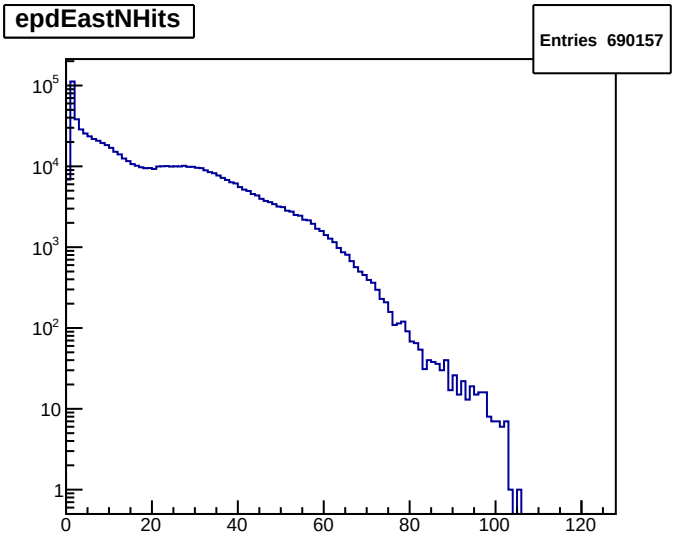

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

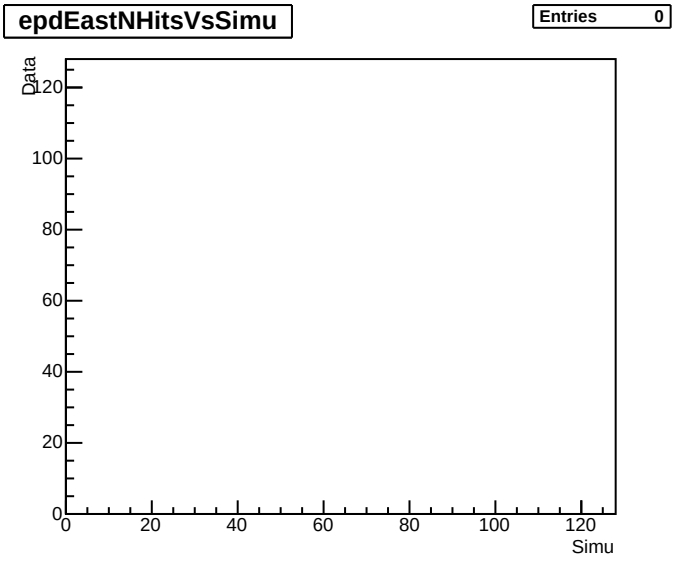

epdEastTac03
Entries 690157


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 690157


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 690157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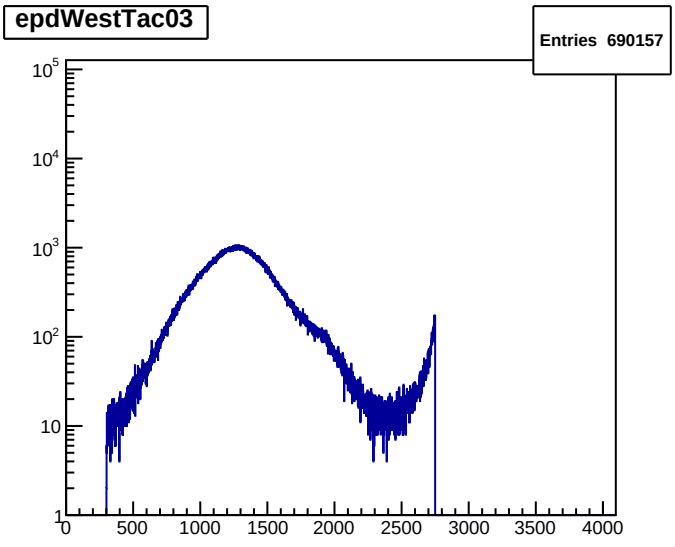
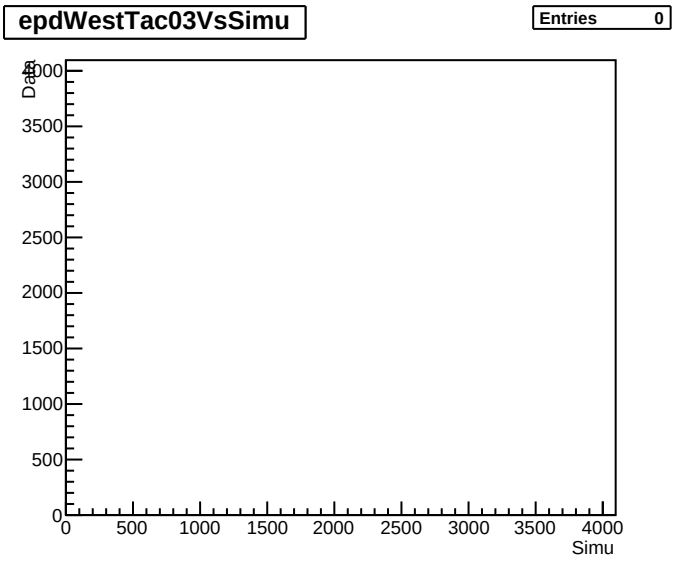
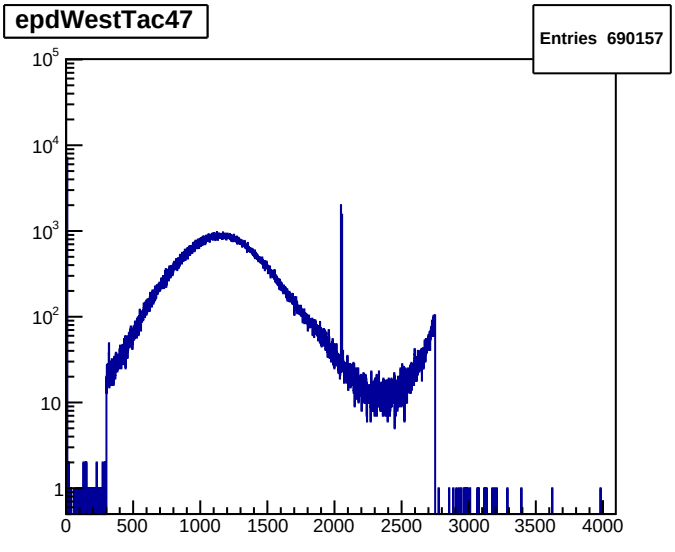
Entries 0
Data
Simu


epdWestTac03
Entries 690157


epdWestTac03VsSimu
Entries 0
Data
Simu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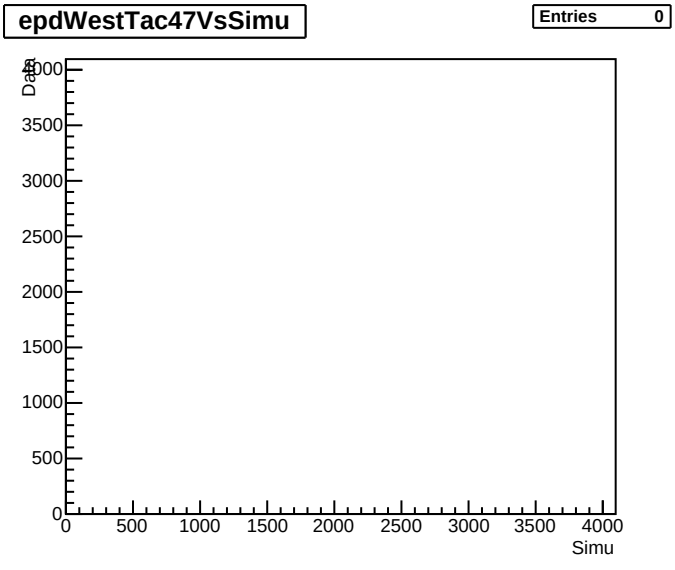
Entries 690157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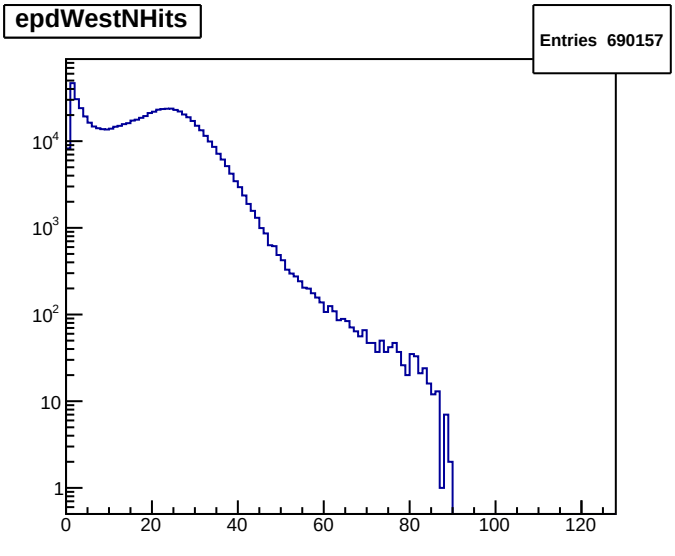
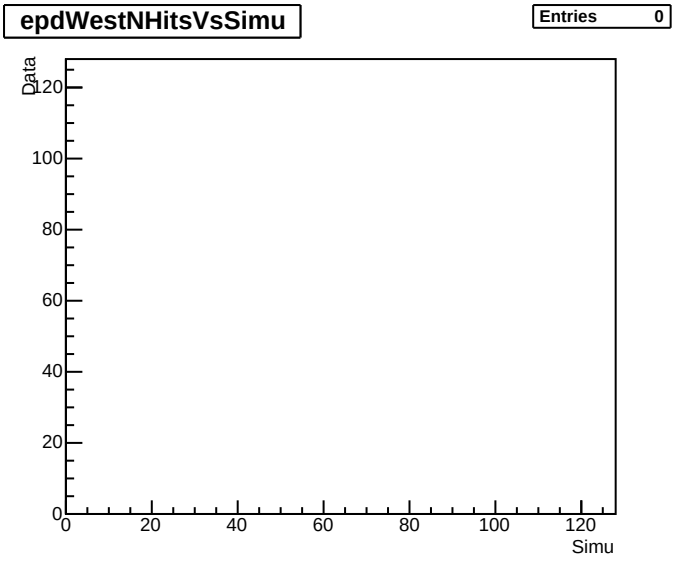
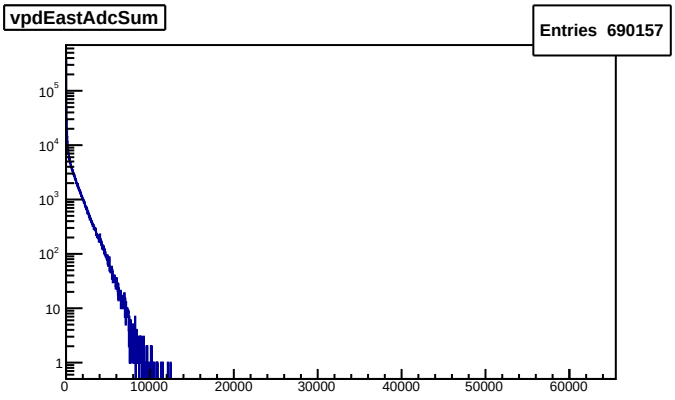
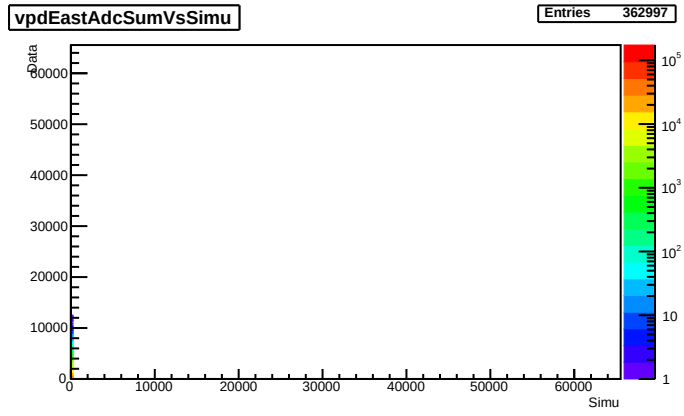
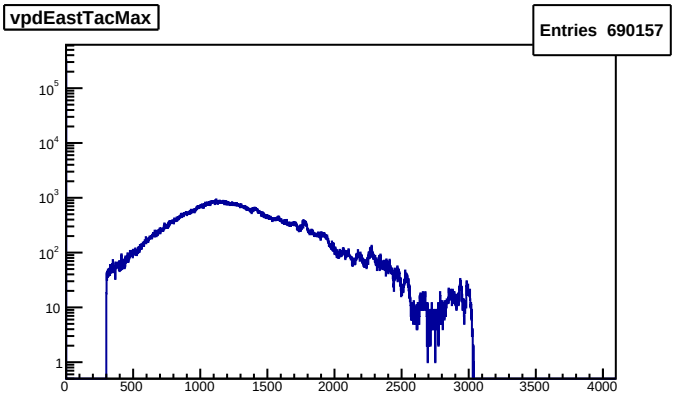
Entries 0
Data
Simu

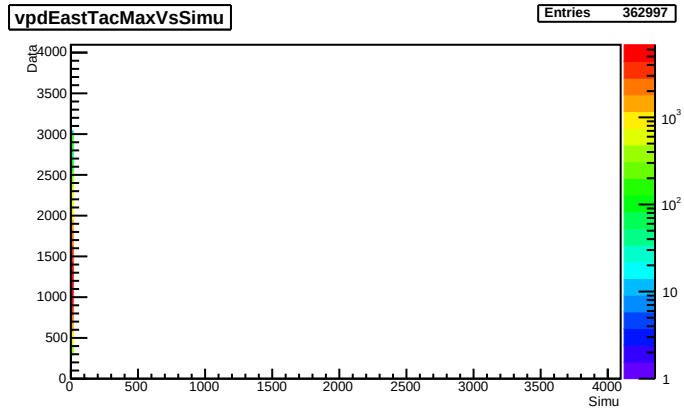

epdWestNHits
Entries 690157

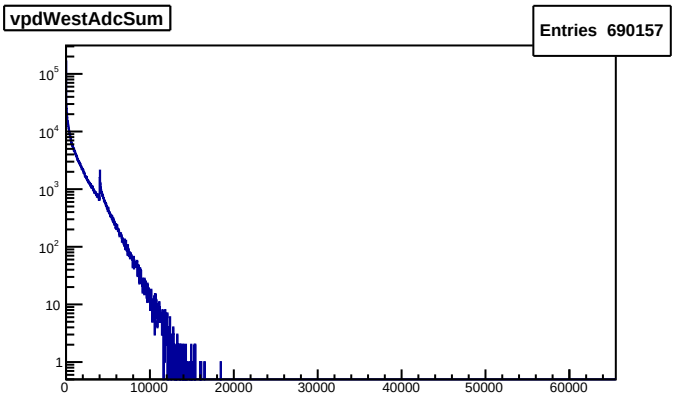

epdWestNHitsVsSimu
Entries 0
Data
Simu

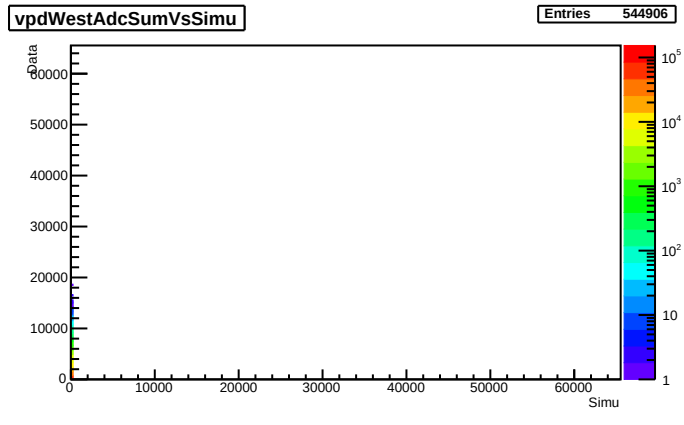

vpdEastAdcSum
Entries 690157

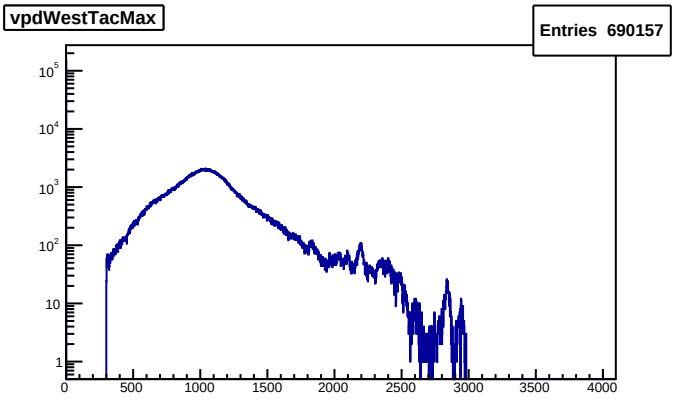

vpdEastAdcSumVsSimu
Entries 362997
Data
Simu

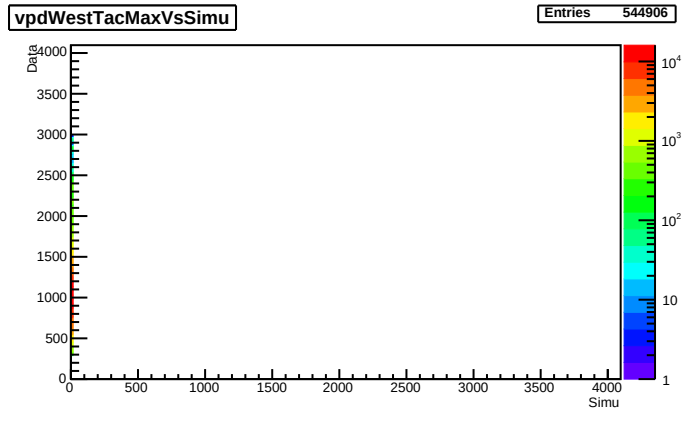

vpdEastTacMax
Entries 690157

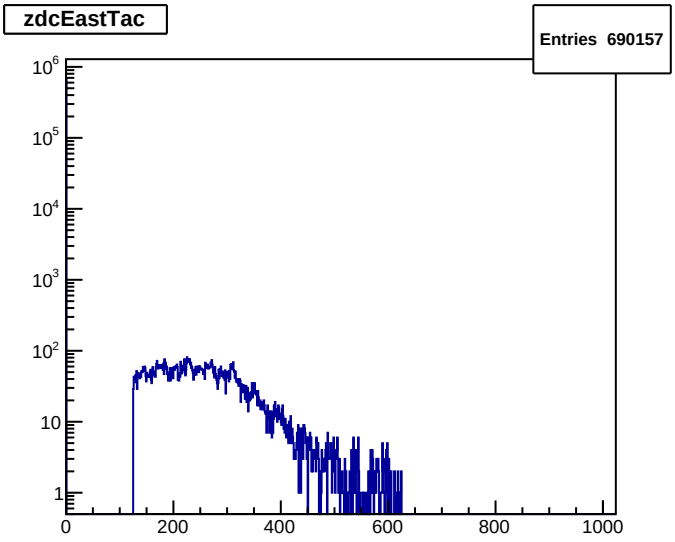

vpdEastTacMaxVsSimu
Entries 362997
Data
Simu

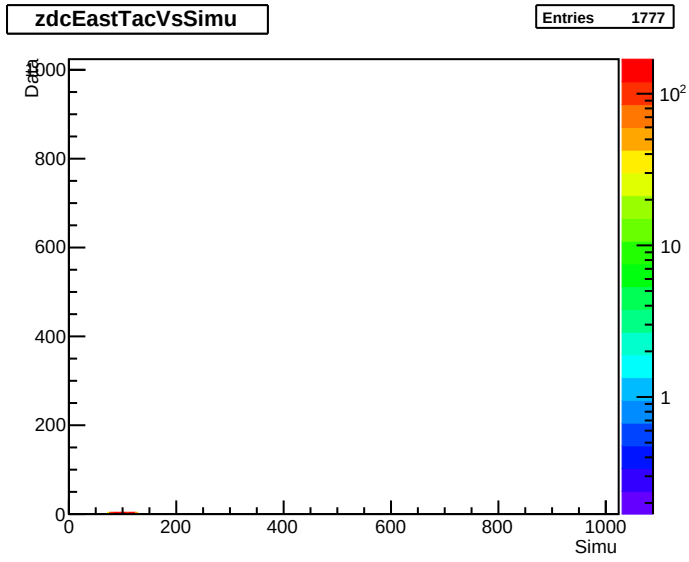

vpdWestAdcSum
Entries 690157

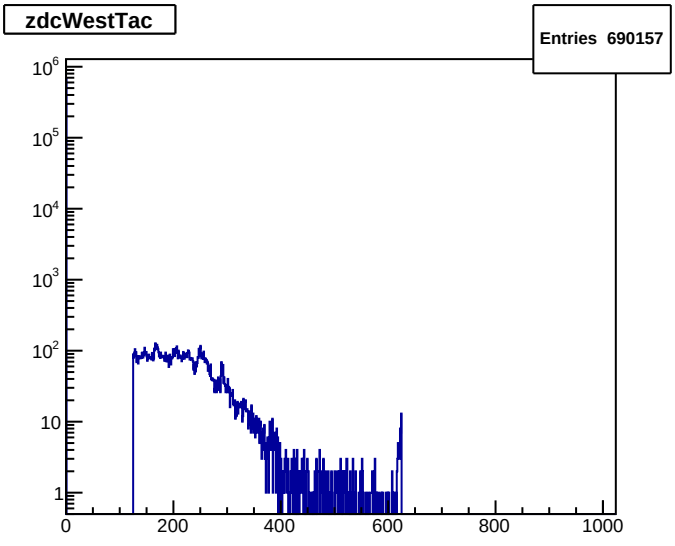

vpdWestAdcSumVsSimu
Entries 544906
Data
Simu

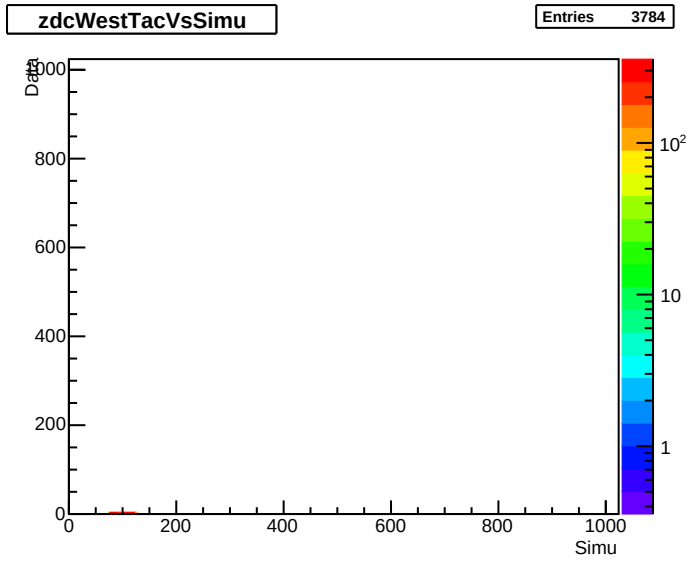

vpdWestTacMax
Entries 690157

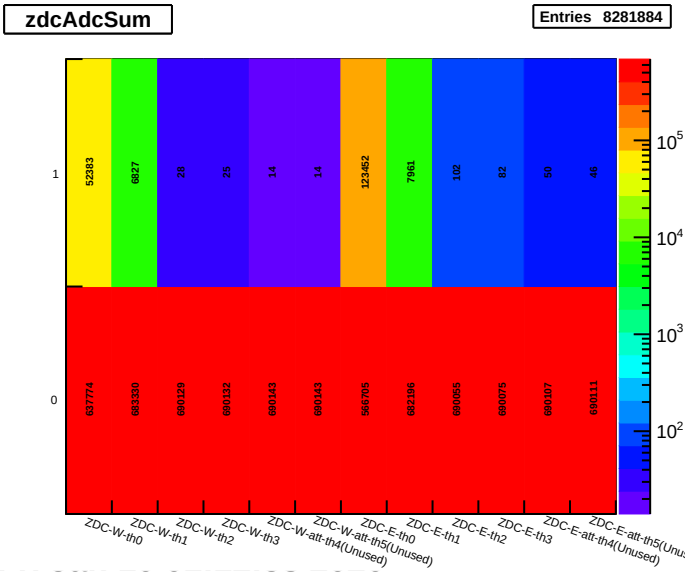

vpdWestTacMaxVsSimu
Entries 544906
Data
Simu

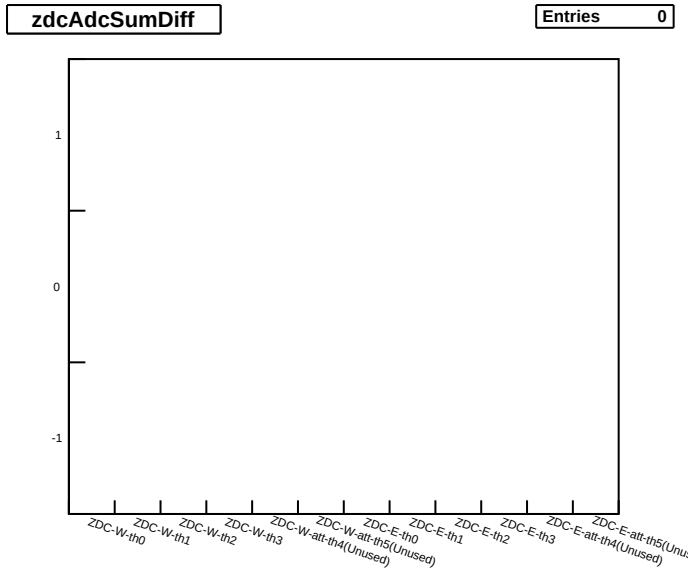

zdcEastTac
Entries 690157

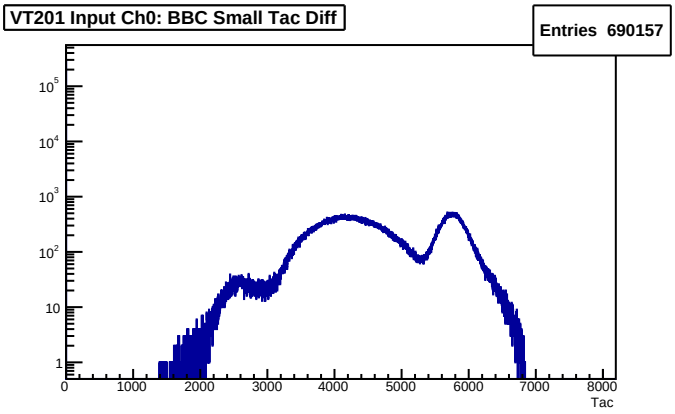

zdcEastTacVsSimu
Entries 1777
Data
Simu

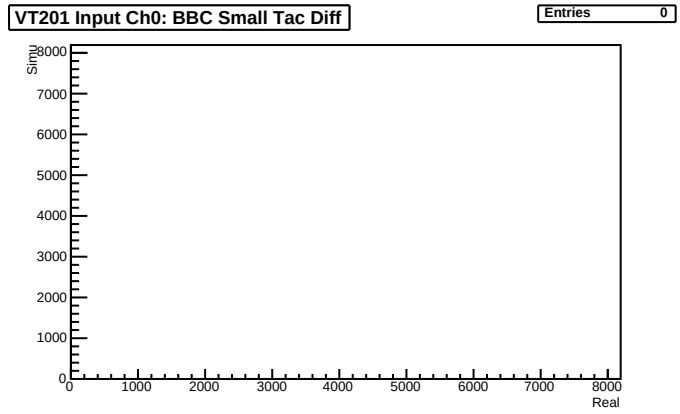

zdcWestTac
Entries 690157

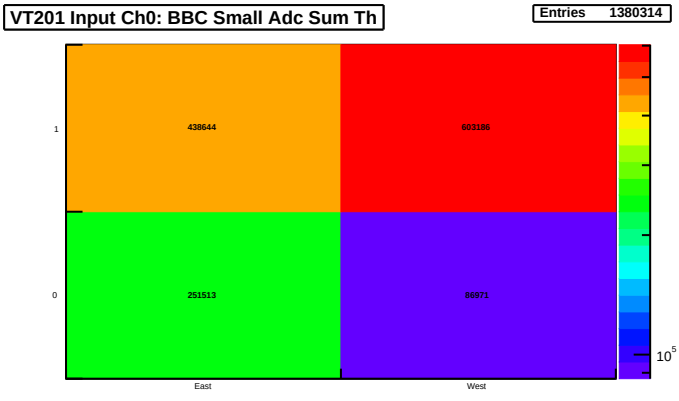

zdcWestTacVsSimu
Entries 3784
Data
Simu

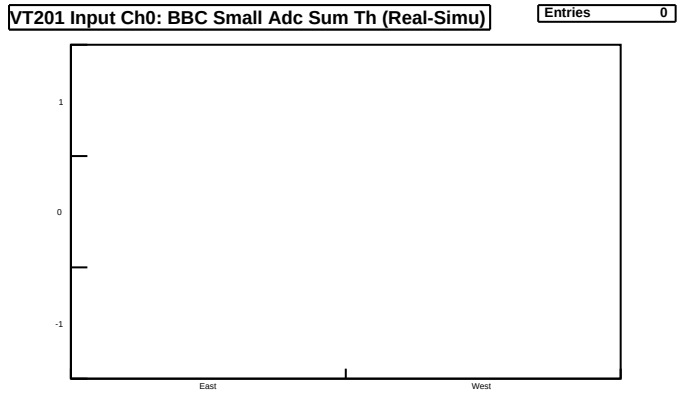

zdcAdcSum
Entries 8281884
52383
6827
28
25
14
14
123452
7961
102
82
50
46
637774
683330
690129
690132
690143
690143
566705
682196
690055
690075
690107
690111
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

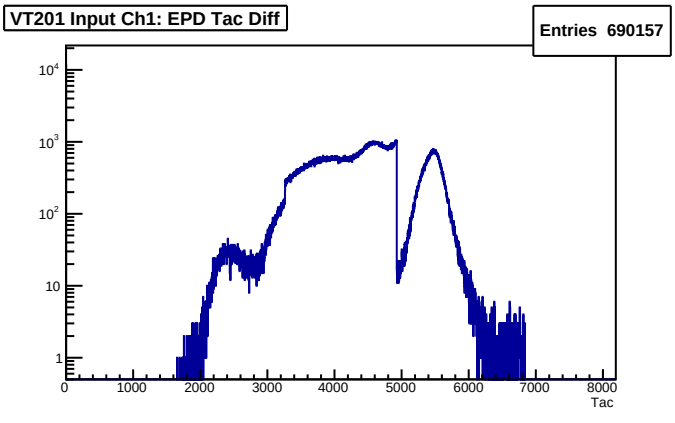

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

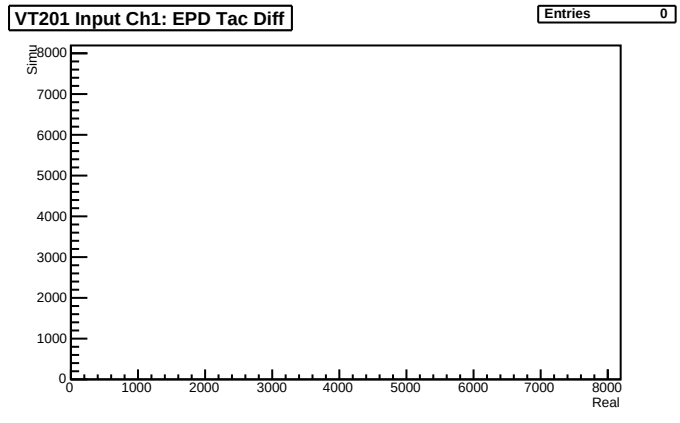

VT201 Input Ch0: BBC Small Tac Diff
Entries 690157
Tac

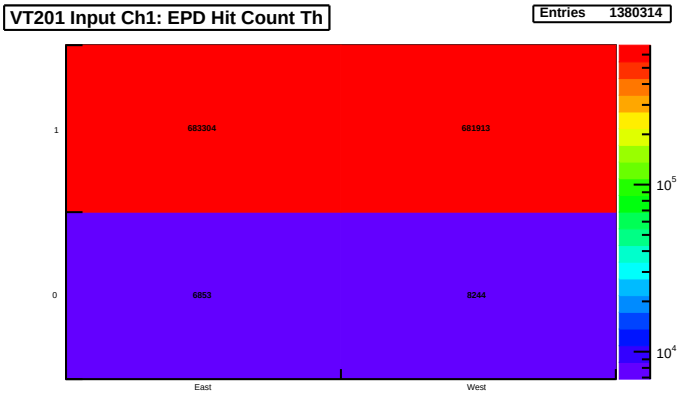

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

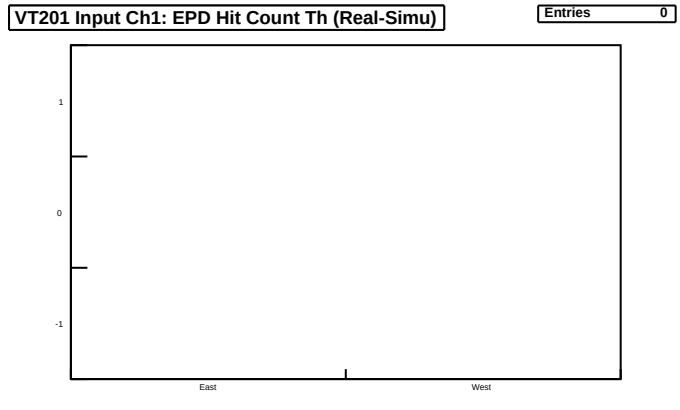

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1380314
438644
603186
251513
86971
East
West

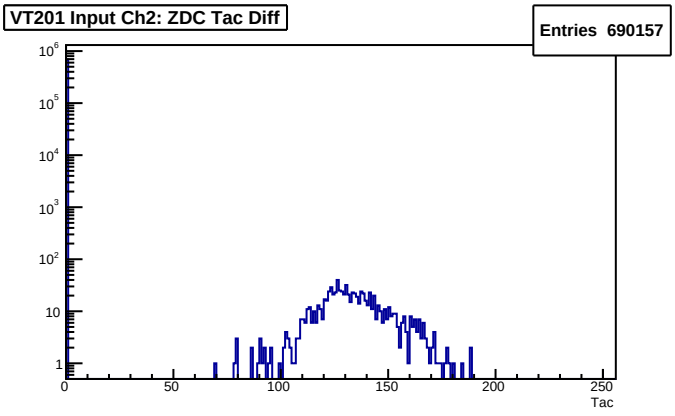

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

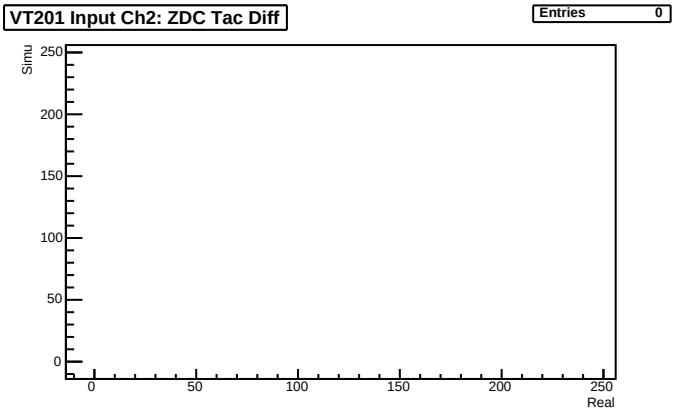

VT201 Input Ch1: EPD Tac Diff
Entries 690157
Tac

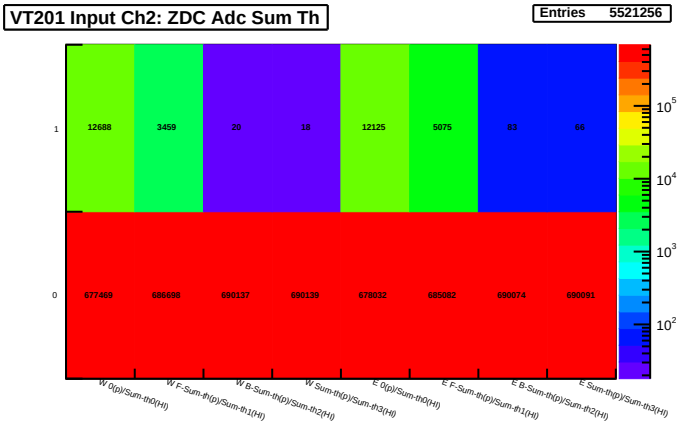

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

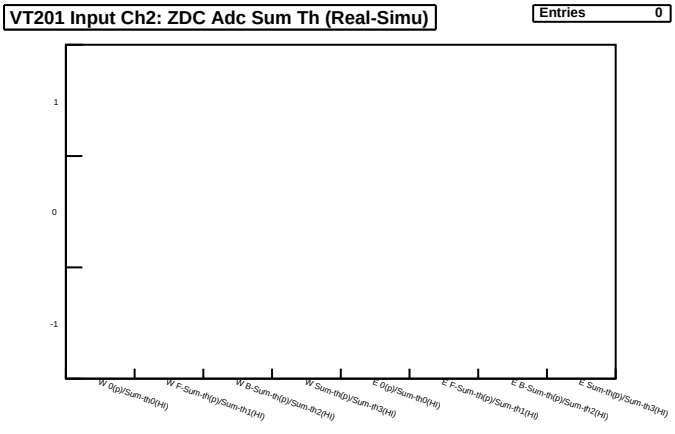

VT201 Input Ch1: EPD Hit Count Th
Entries 1380314
683304
681913
6853
8244
East
West

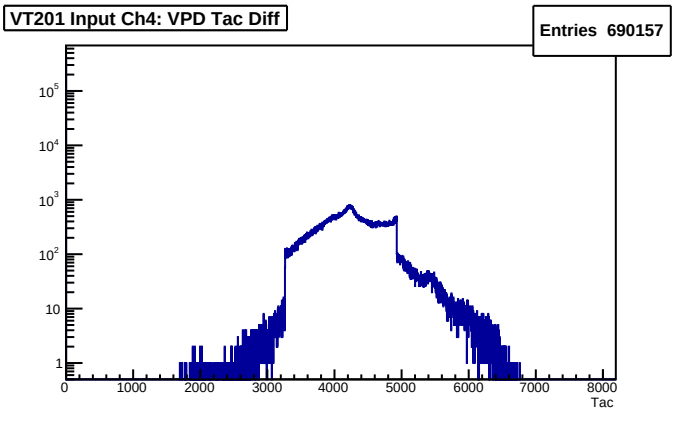

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

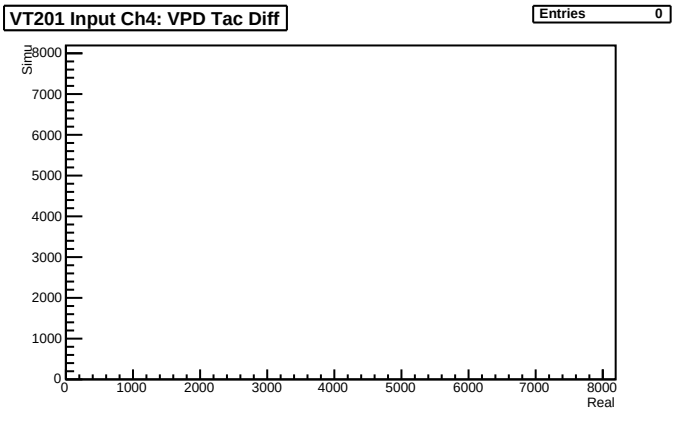

VT201 Input Ch2: ZDC Tac Diff
Entries 690157
Tac

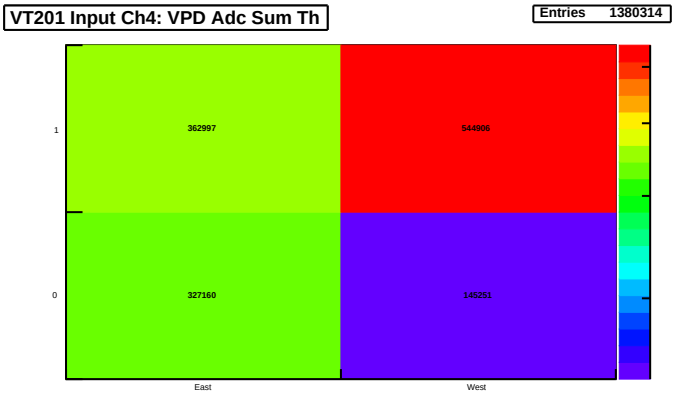

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

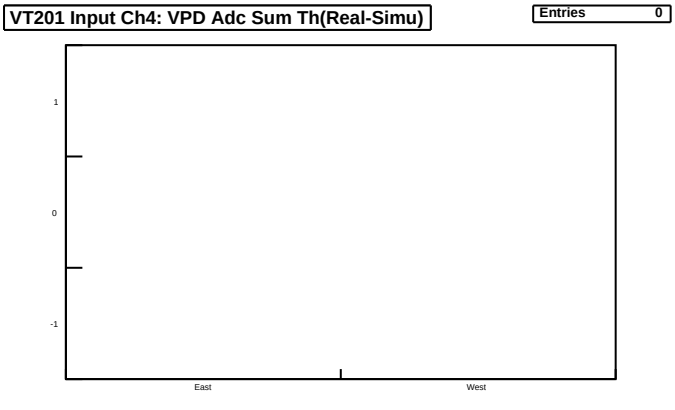

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5521256
12688
3459
20
18
12125
5075
83
66
677469
686698
690137
690139
678032
685082
690074
690091
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

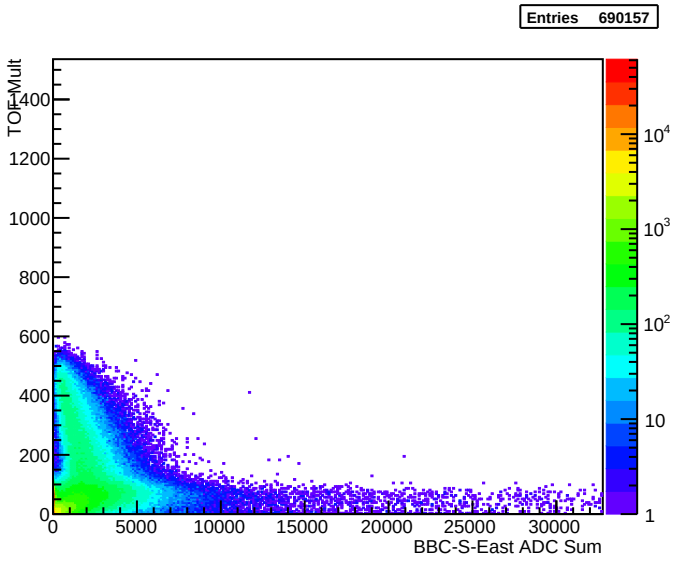

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

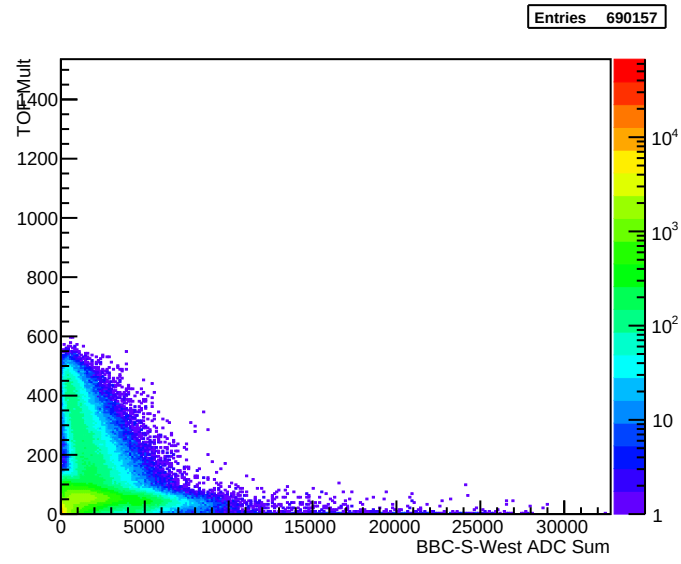

VT201 Input Ch4: VPD Tac Diff
Entries 690157
Tac

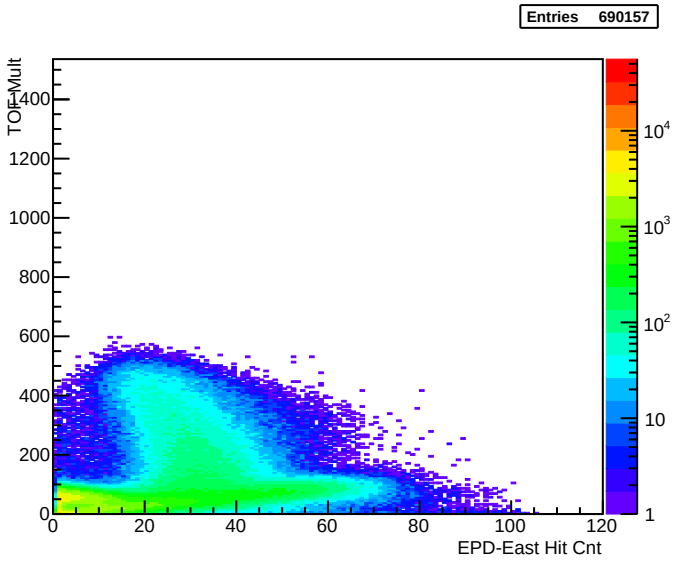

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

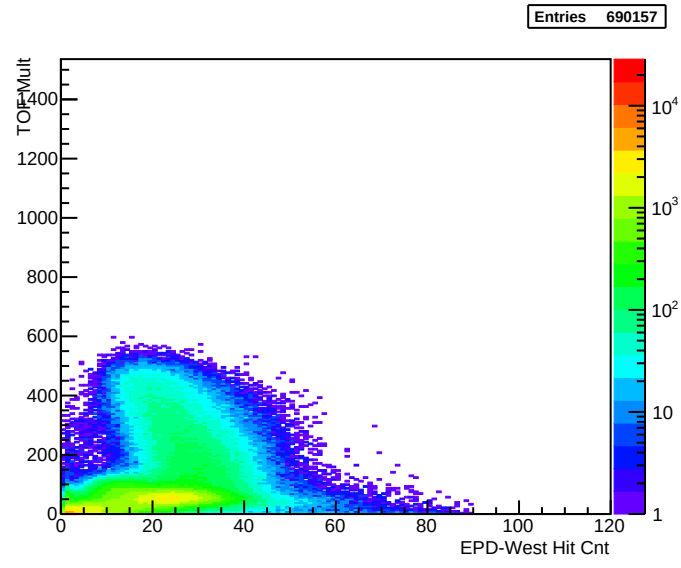

VT201 Input Ch4: VPD Adc Sum Th
Entries 1380314
362997
544906
327160
145251
East
West

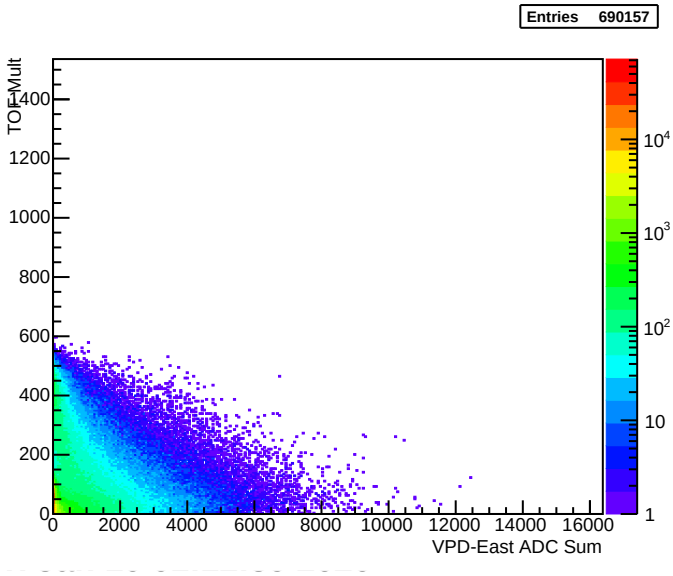

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

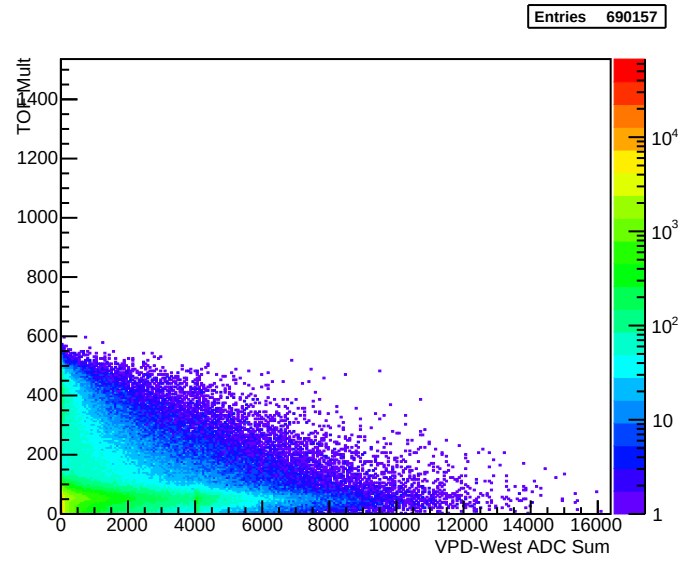

Entries 690157
TOF-Mult
BBC-S-East ADC Sum

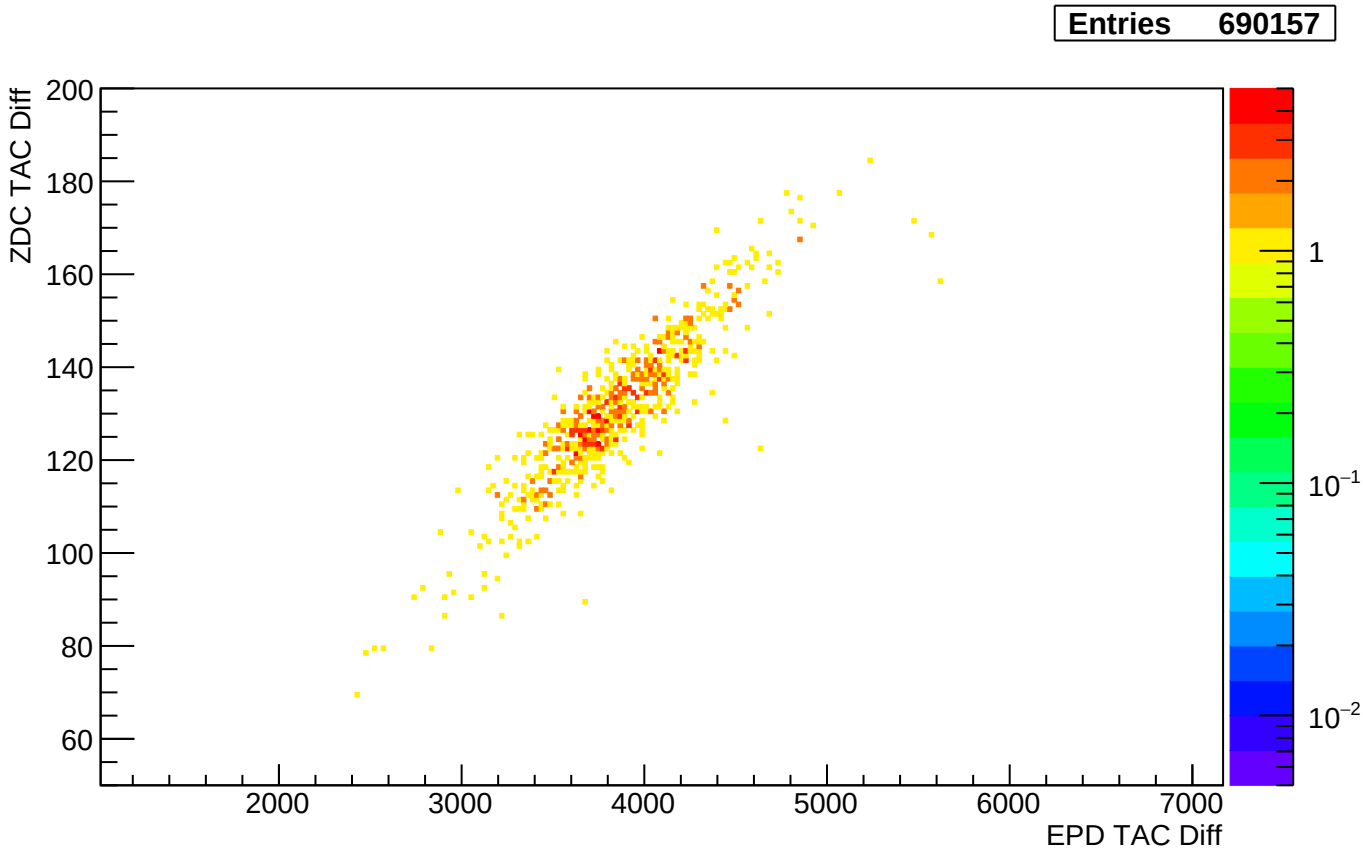

Entries 690157
TOF-Mult
BBC-S-West ADC Sum

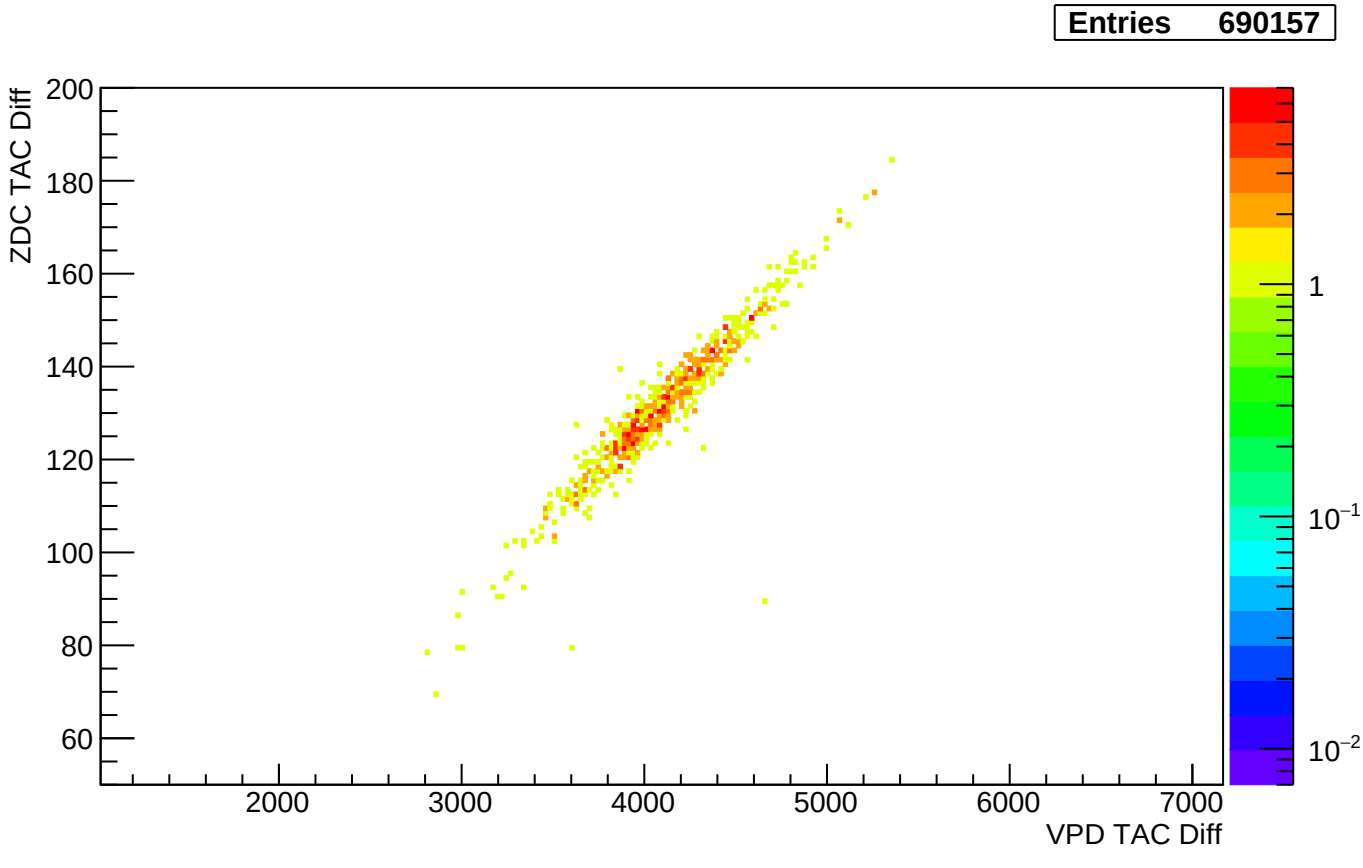

Entries 690157
TOF-Mult
EPD-East Hit Cnt

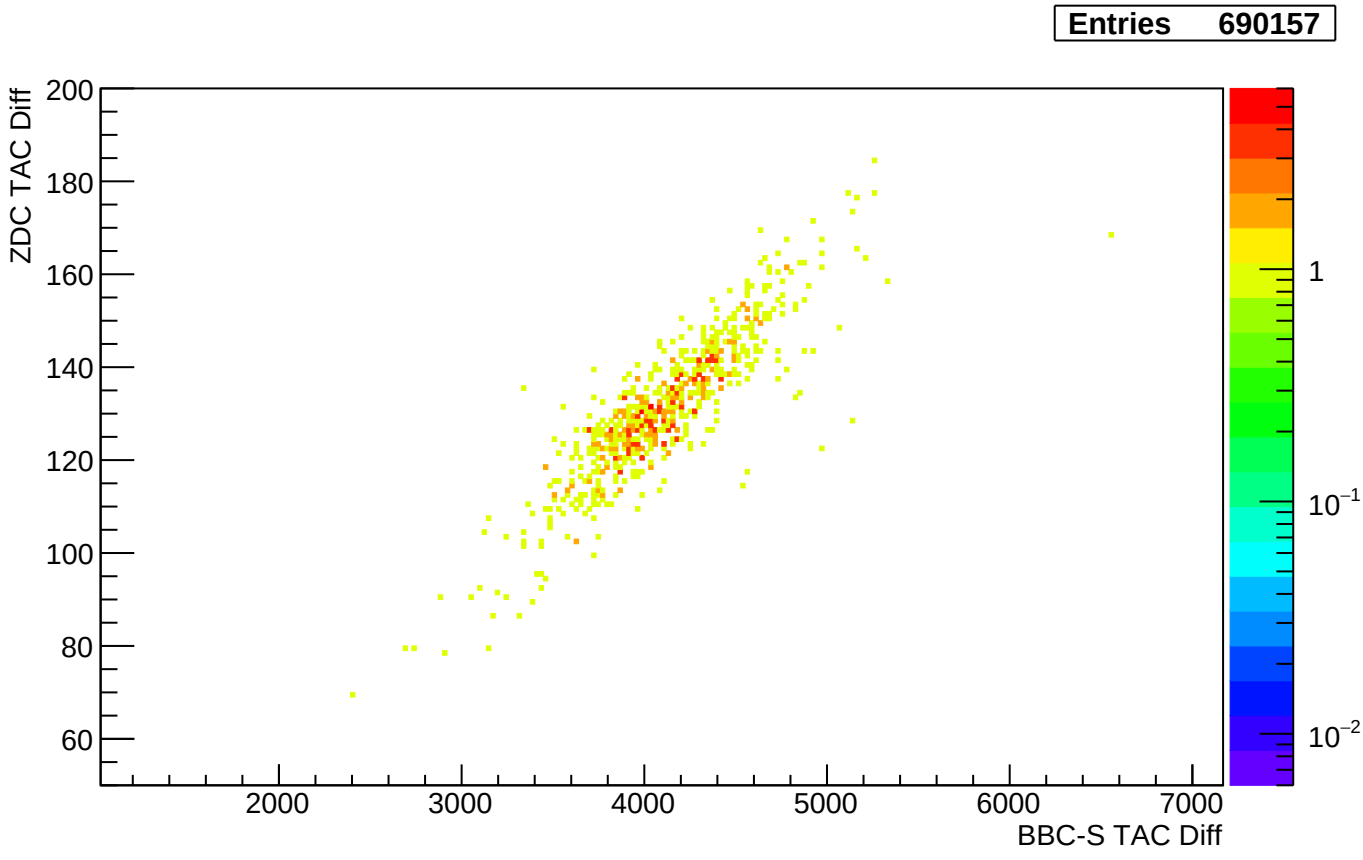

Entries 690157
TOF-Mult
EPD-West Hit Cnt

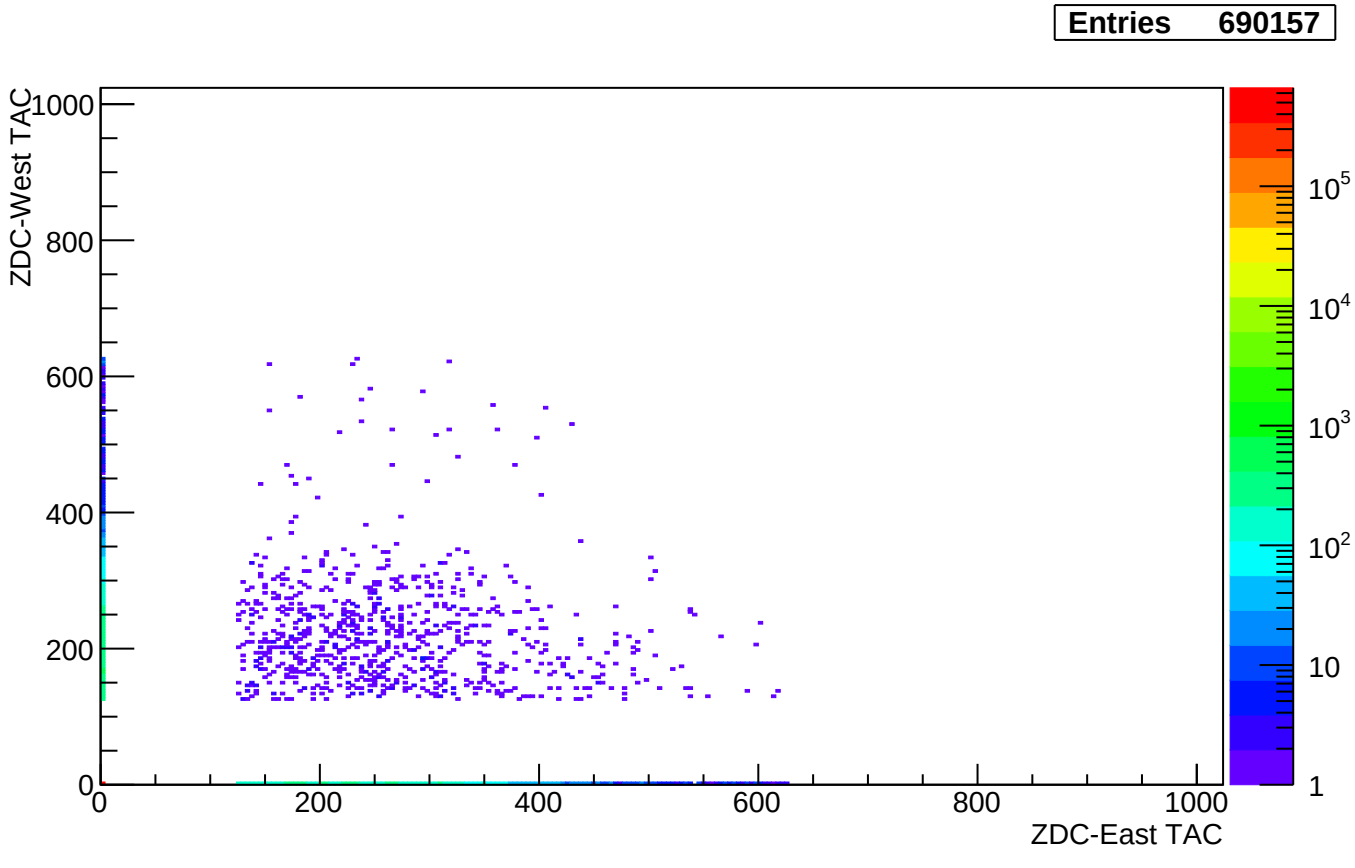

Entries 690157
TOF-Mult
VPD-East ADC Sum

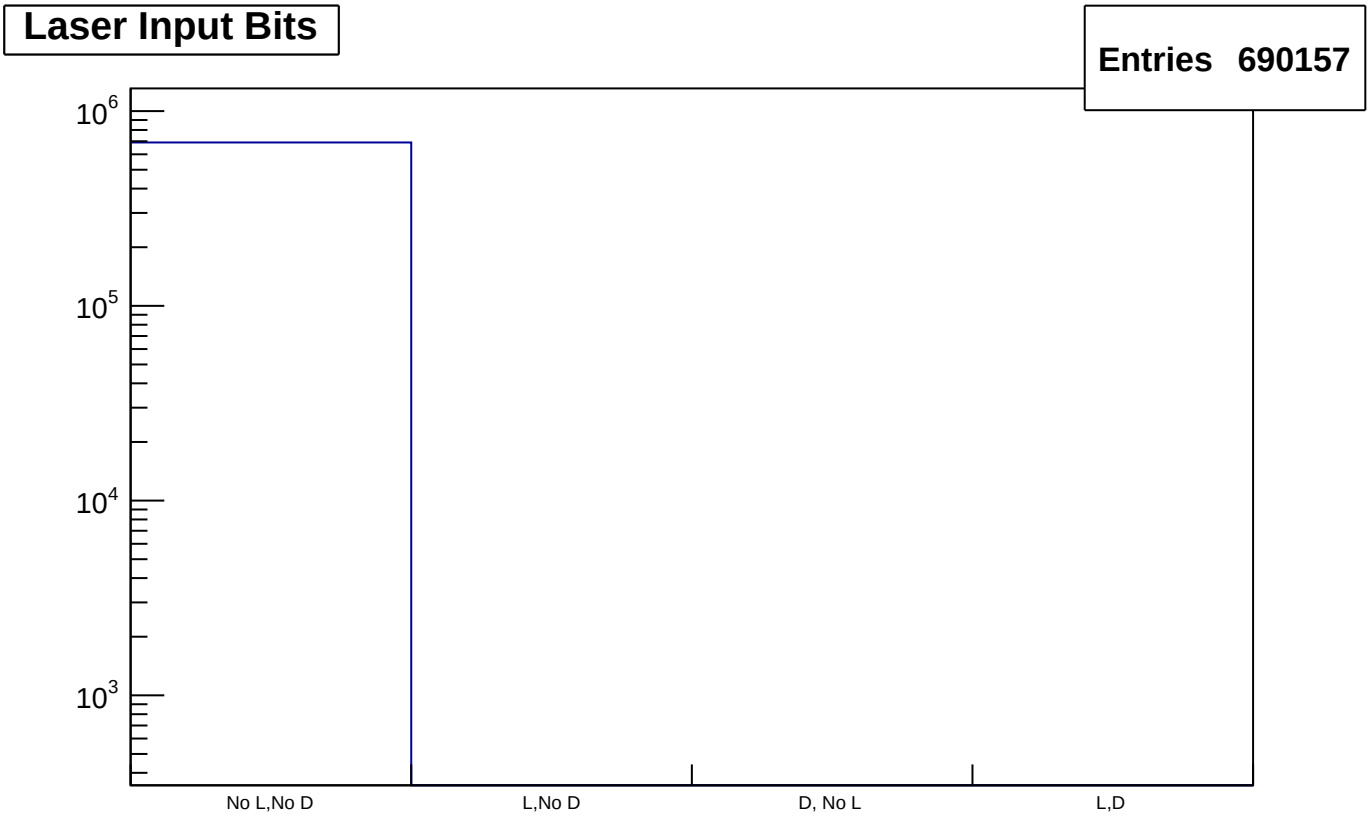

Entries 690157
TOF-Mult
VPD-West ADC Sum

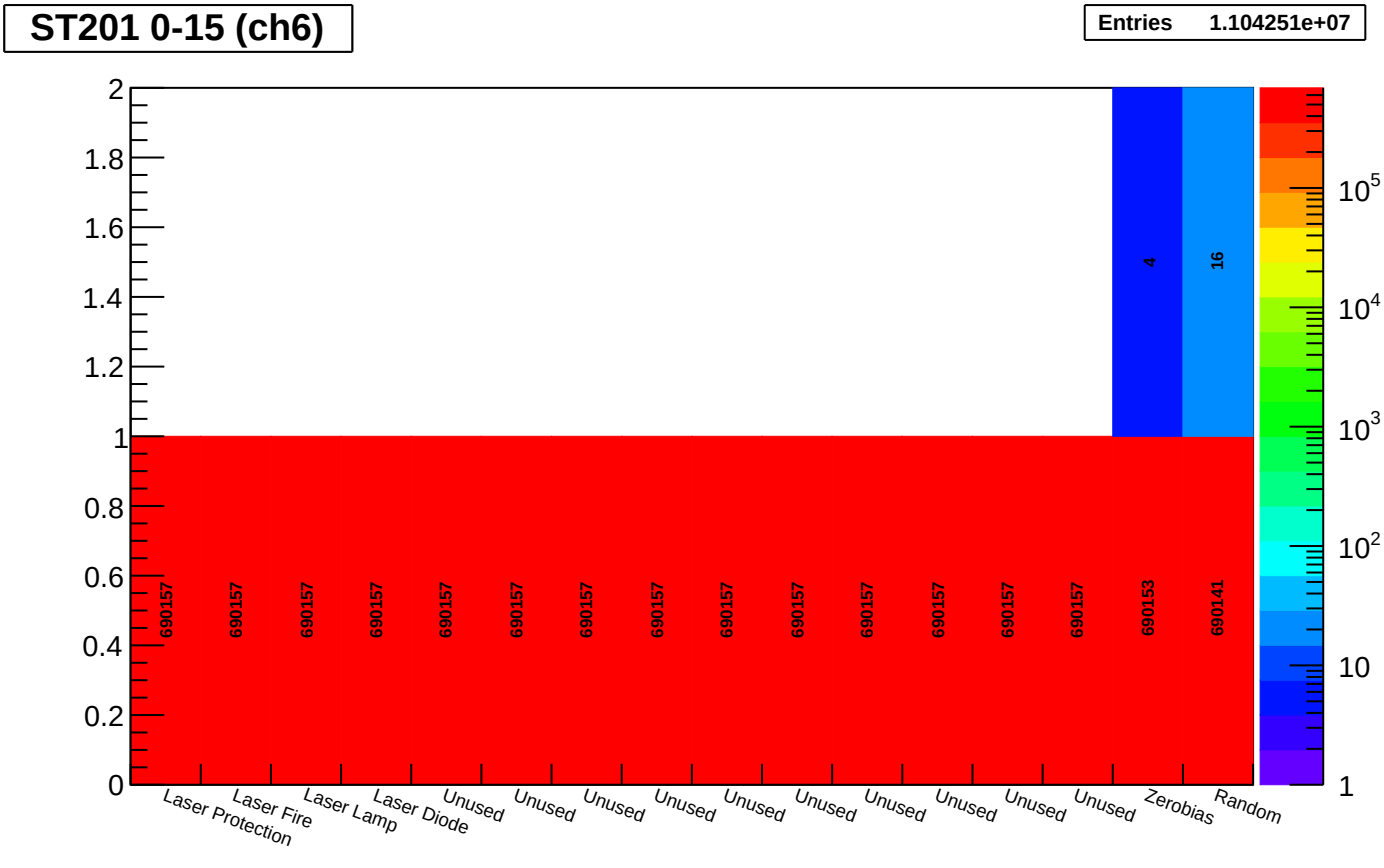

Entries 690157
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

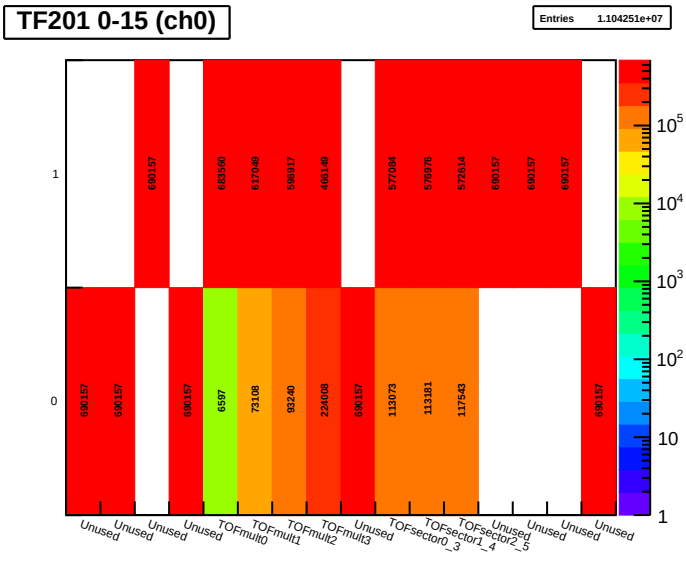

Entries 690157
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

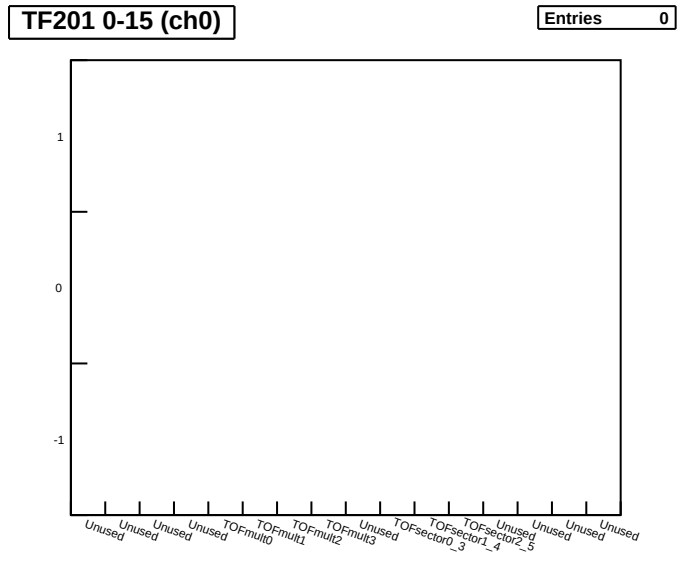

Entries 690157
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

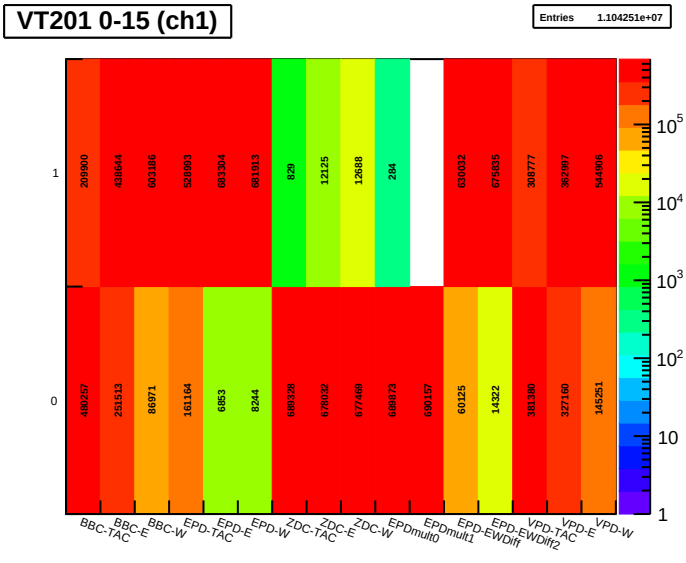

Entries 690157
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

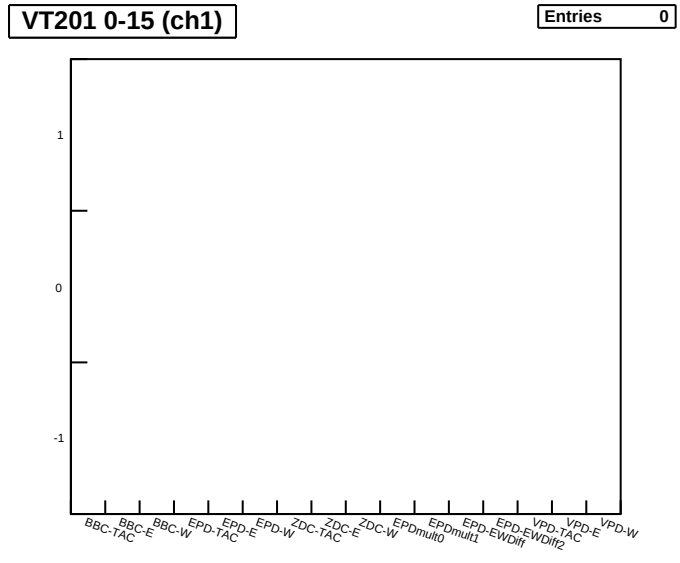

Laser Input Bits
Entries 690157
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

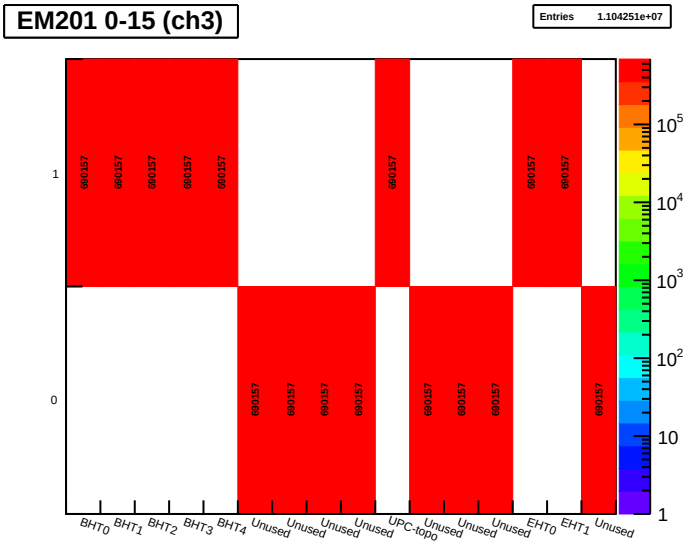

ST201 0-15 (ch6)
Entries 1.104251e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
690157
690157
690157
690157
690157
690157
690157
690157
690157
690157
690157
690157
690157
690153
690141
4
16
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

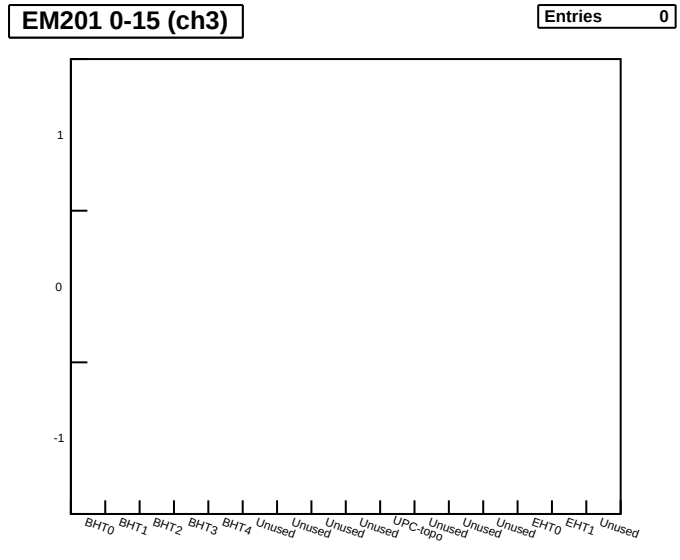

TF201 0-15 (ch0)
Entries 1.104251e+07
1
0
690157 690157 690157 690157 690157 690157 690157 690157 690157 690157 690157 690157 690157 690157 690157 690157
6597 73108 93240 224008 113073 113181 117543
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 1.104251e+07
1
0
209900 438644 603186 528993 663304 681913 829 12125 12868 284 630032 675835 308777 362997 544906
480257 251513 86971 161164 6653 8244 688328 678032 677469 688873 690157 60125 14322 381380 327160 145251
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
1 10 10^2 10^3 10^4 10^5


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 1.104251e+07
1
0
690157 690157 690157 690157 690157 690157 690157 690157 690157 690157 690157 690157 690157 690157 690157 690157
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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