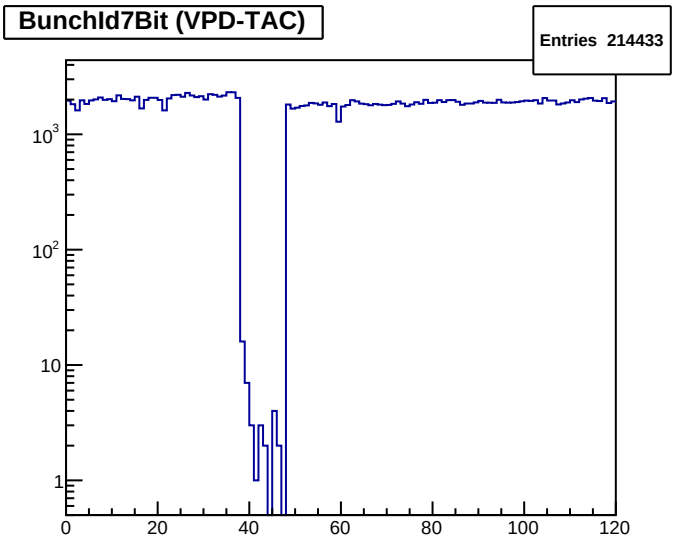
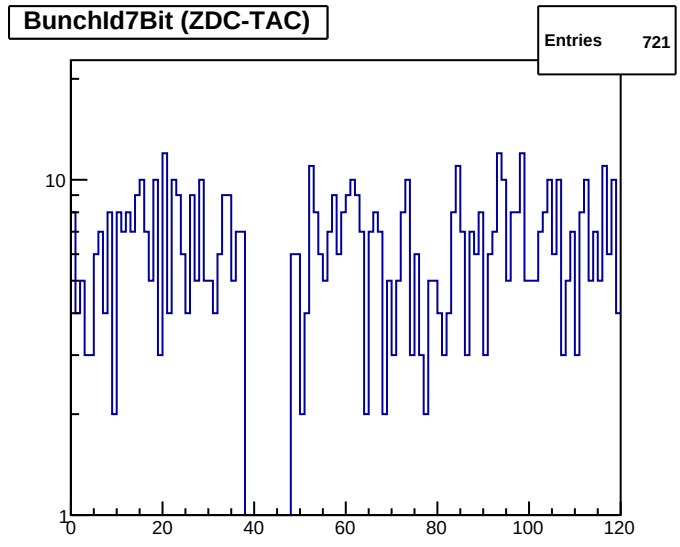
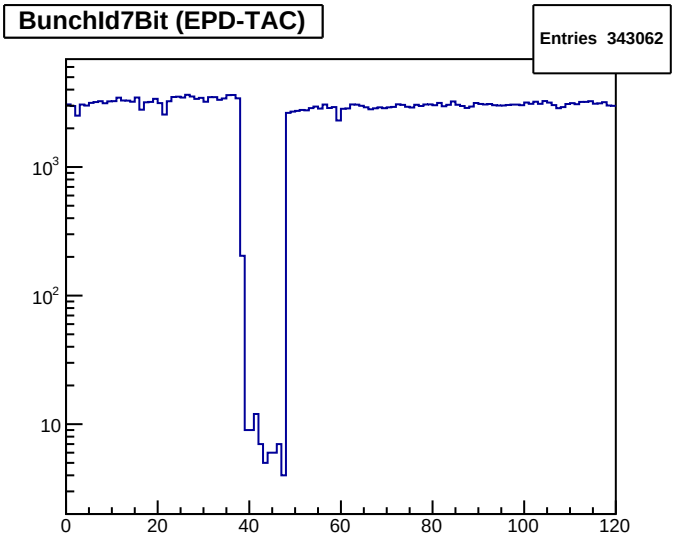
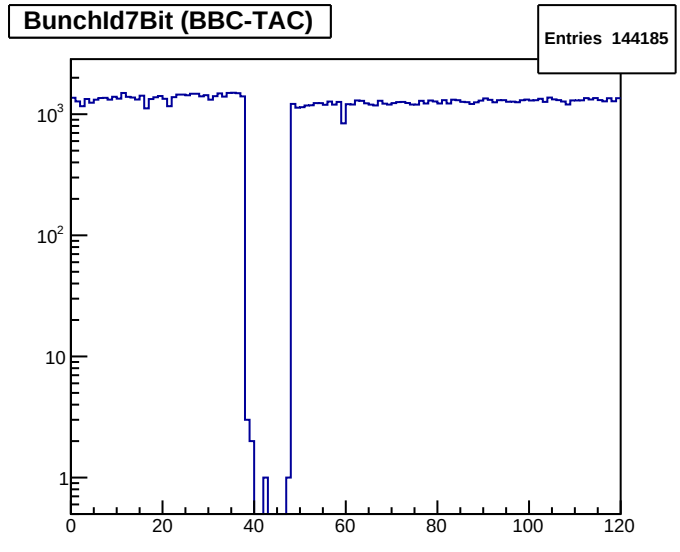
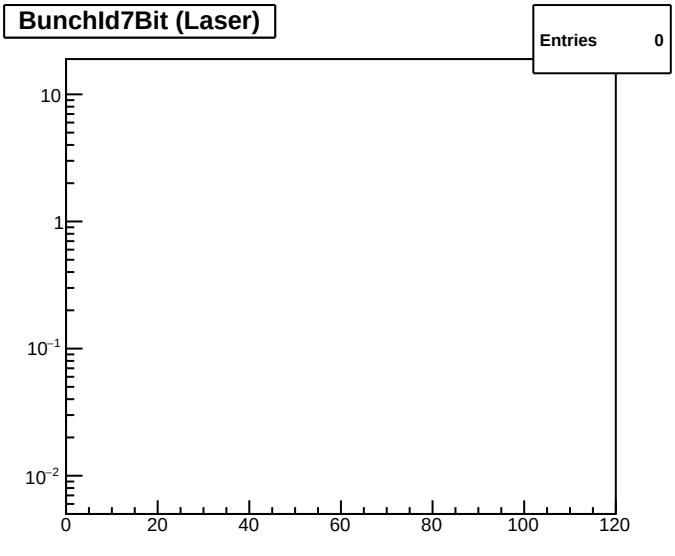
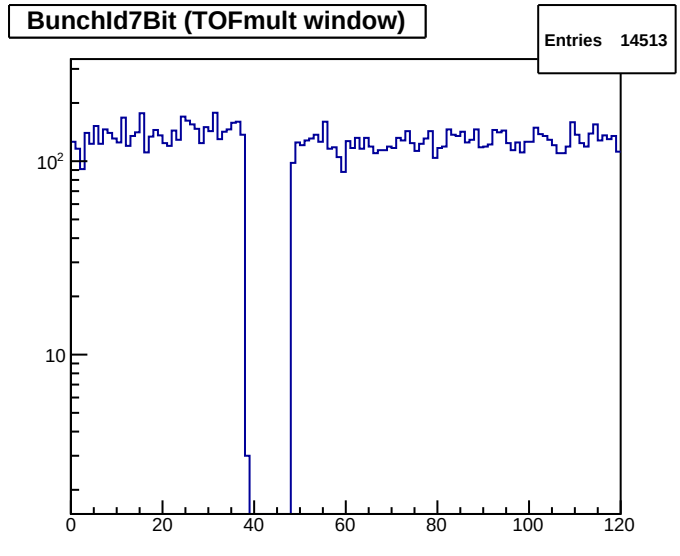

BunchId7Bit (VPD-TAC)
Entries 214433

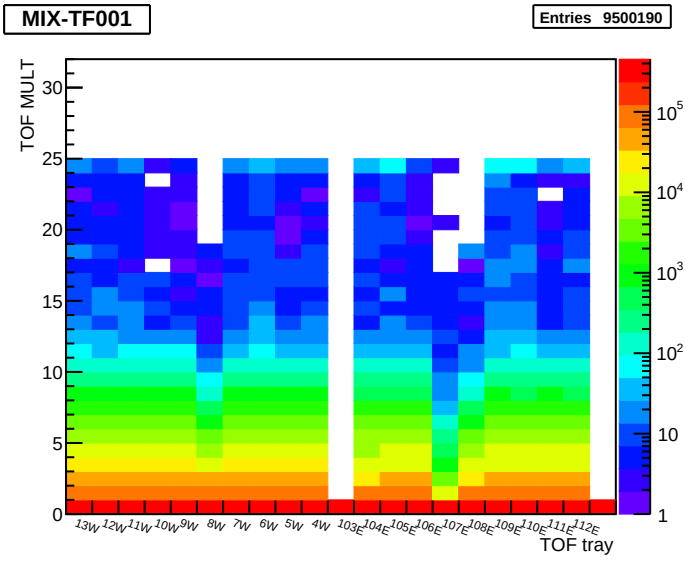

BunchId7Bit (ZDC-TAC)
Entries 721

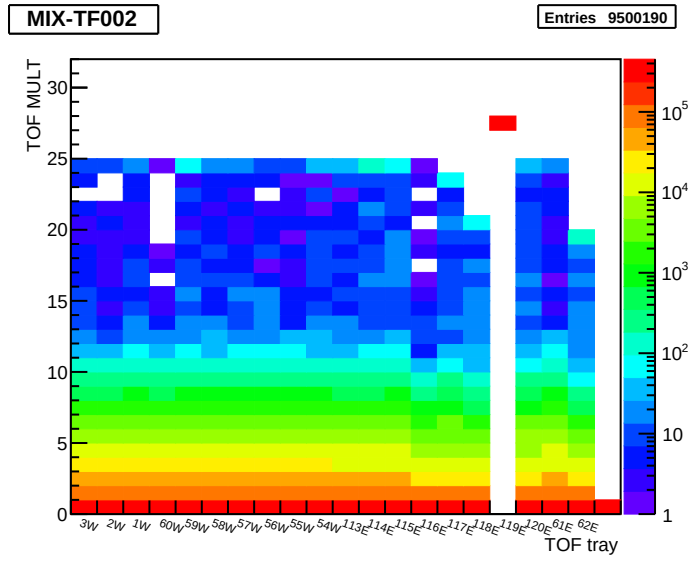

BunchId7Bit (EPD-TAC)
Entries 343062

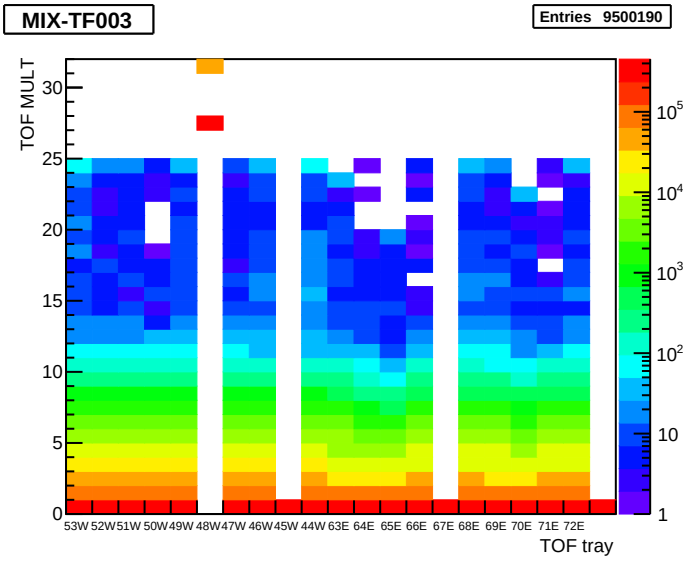

BunchId7Bit (BBC-TAC)
Entries 144185

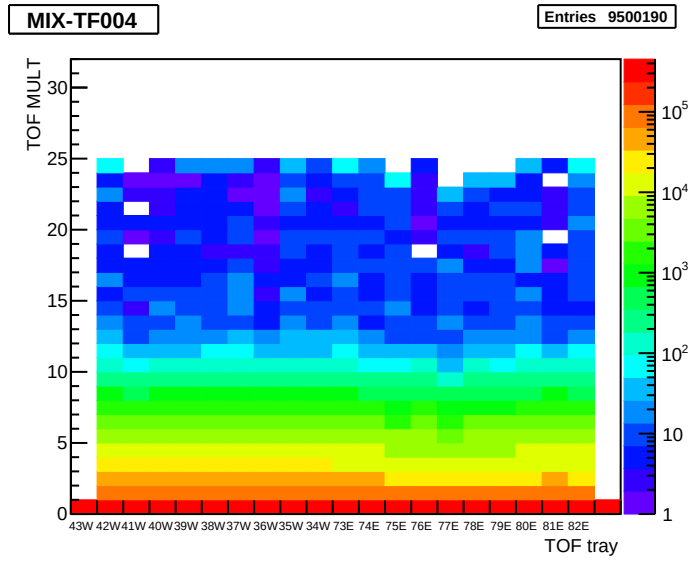

BunchId7Bit (Laser)
Entries 0

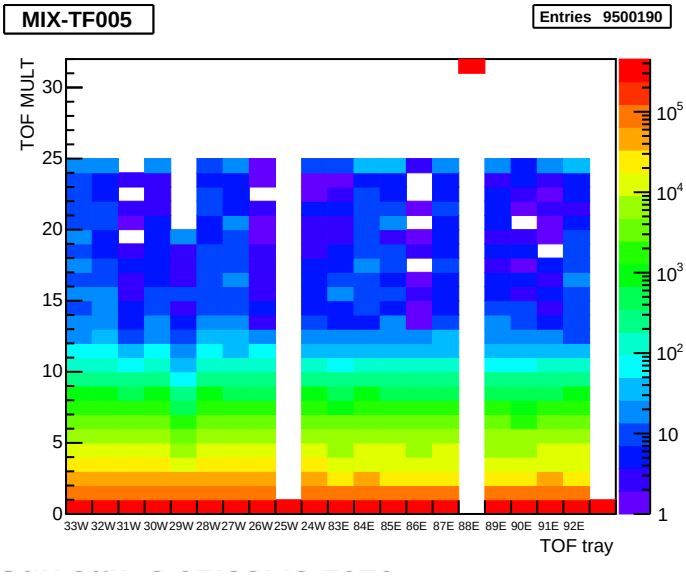

BunchId7Bit (TOFmult window)
Entries 14513

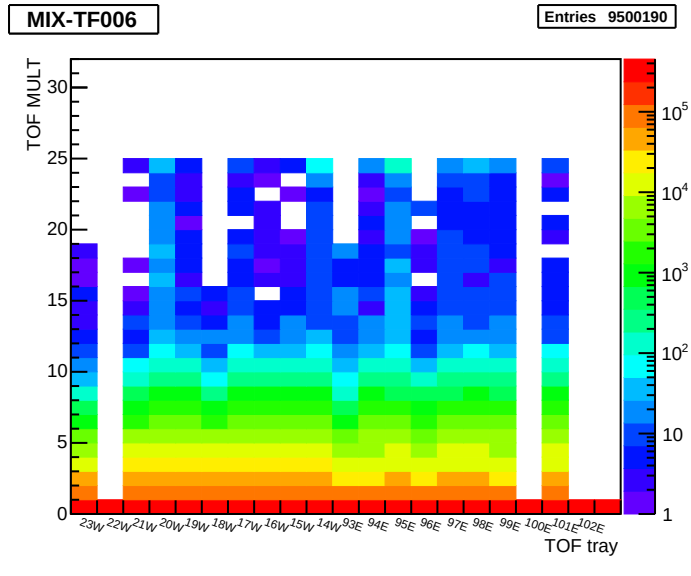

MIX-TF001
Entries 9500190
TOF MULT
TOF tray

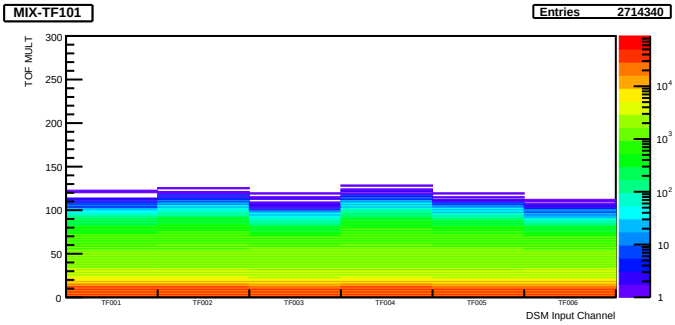

MIX-TF002
Entries 9500190
TOF MULT
TOF tray

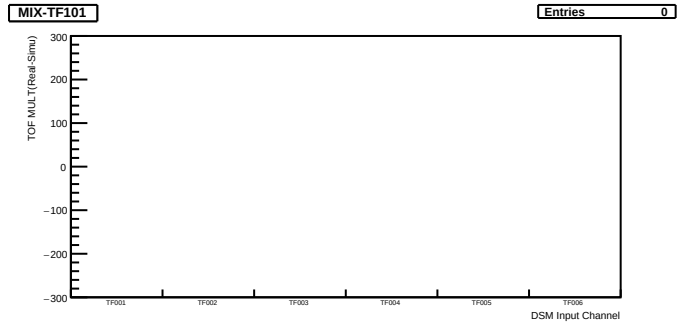

MIX-TF003
Entries 9500190
TOF MULT
TOF tray

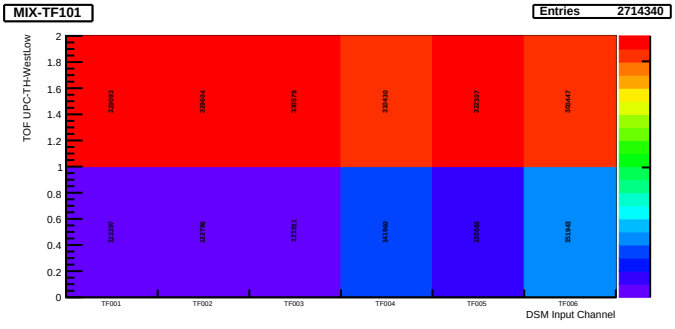

MIX-TF004
Entries 9500190
TOF MULT
TOF tray

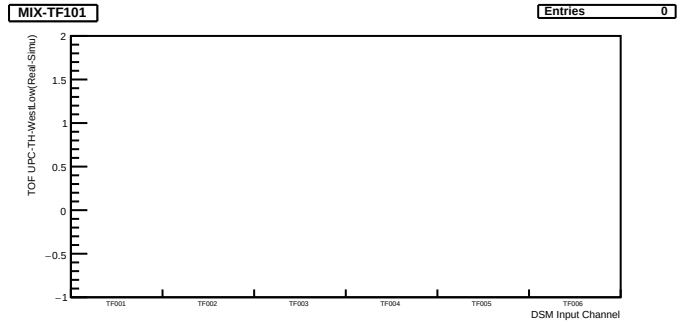

MIX-TF005
Entries 9500190
TOF MULT
TOF tray

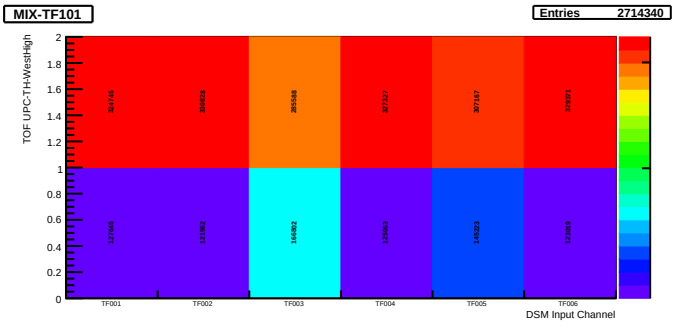

MIX-TF006
Entries 9500190
TOF MULT
TOF tray

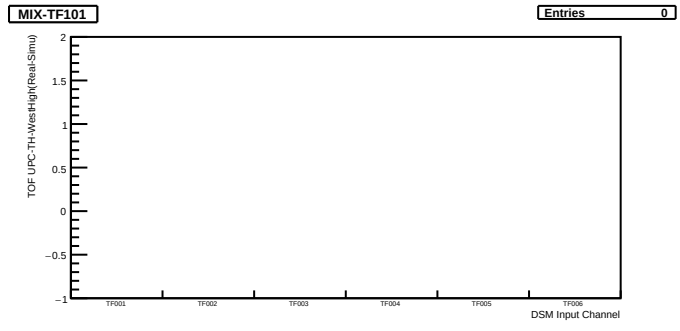

MIX-TF101
Entries 2714340
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

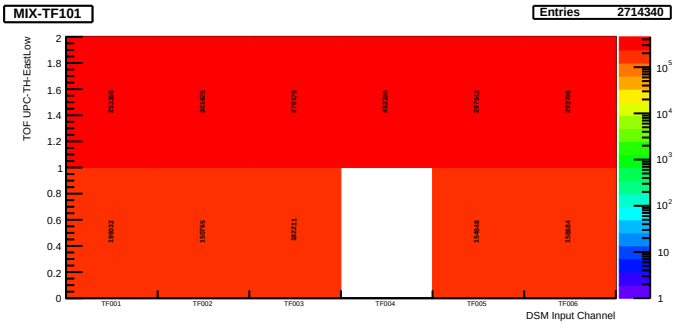

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

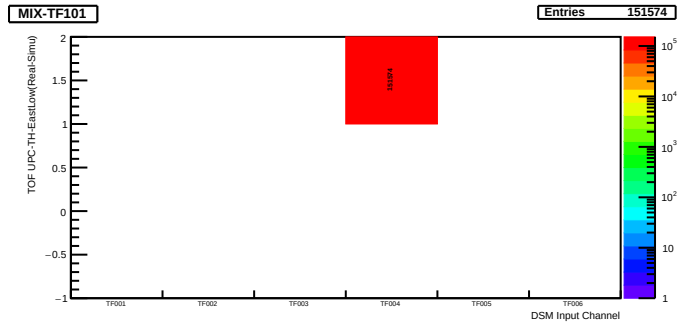

MIX-TF101
Entries 2714340
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

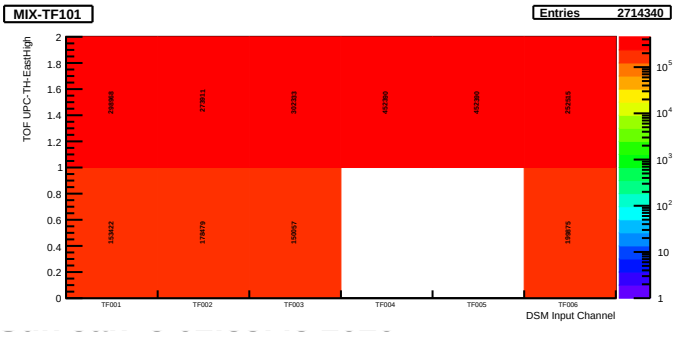

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

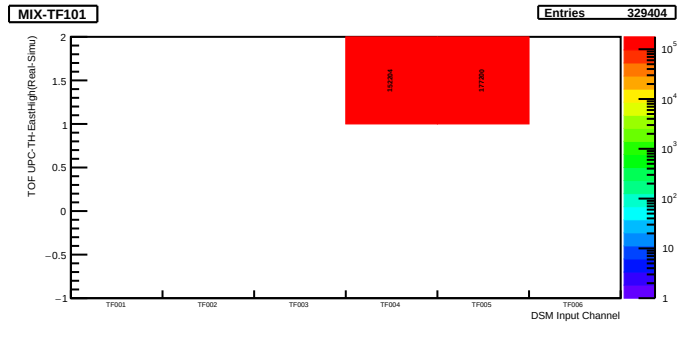

MIX-TF101
Entries 2714340
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

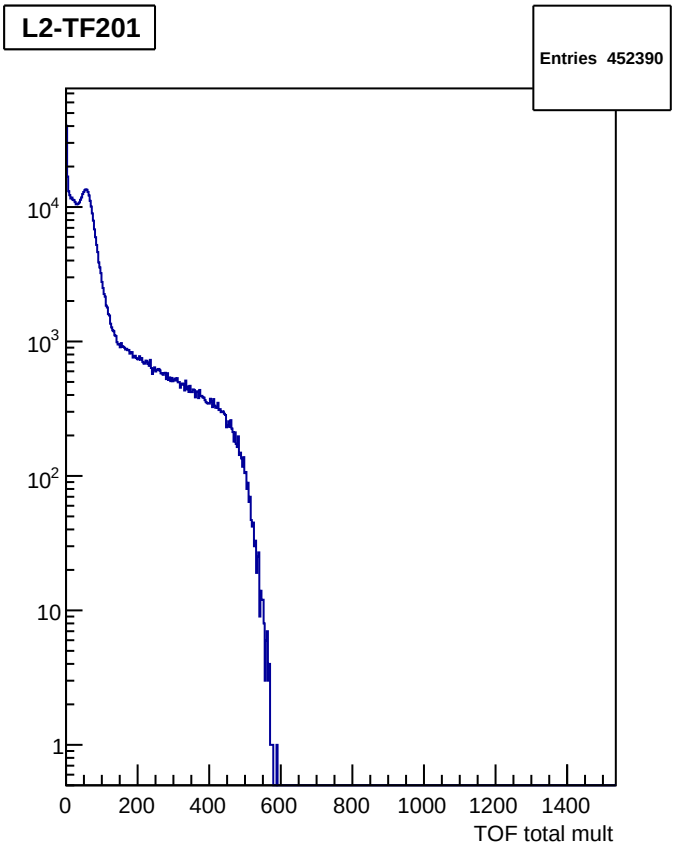

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

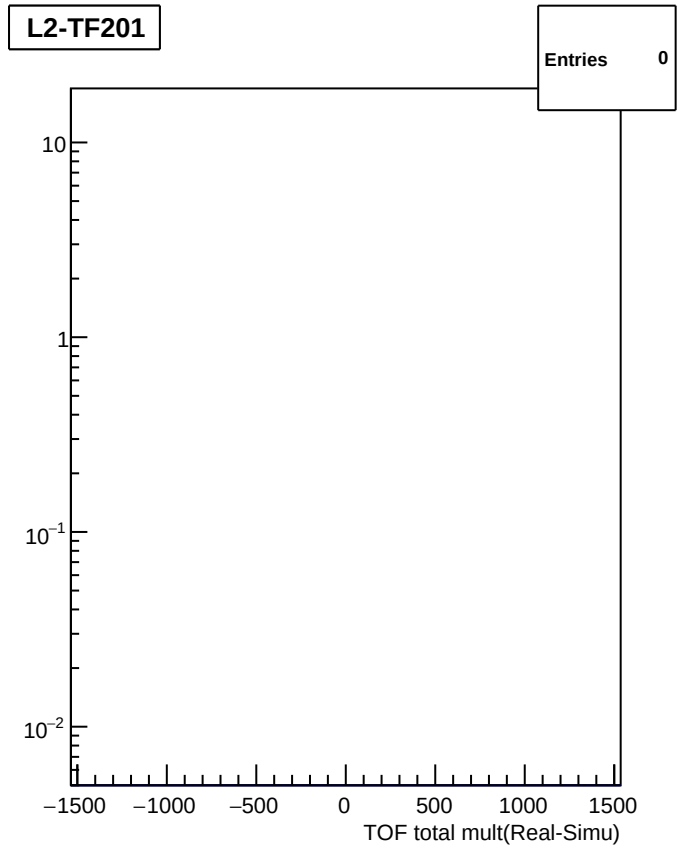

MIX-TF101
Entries 2714340
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

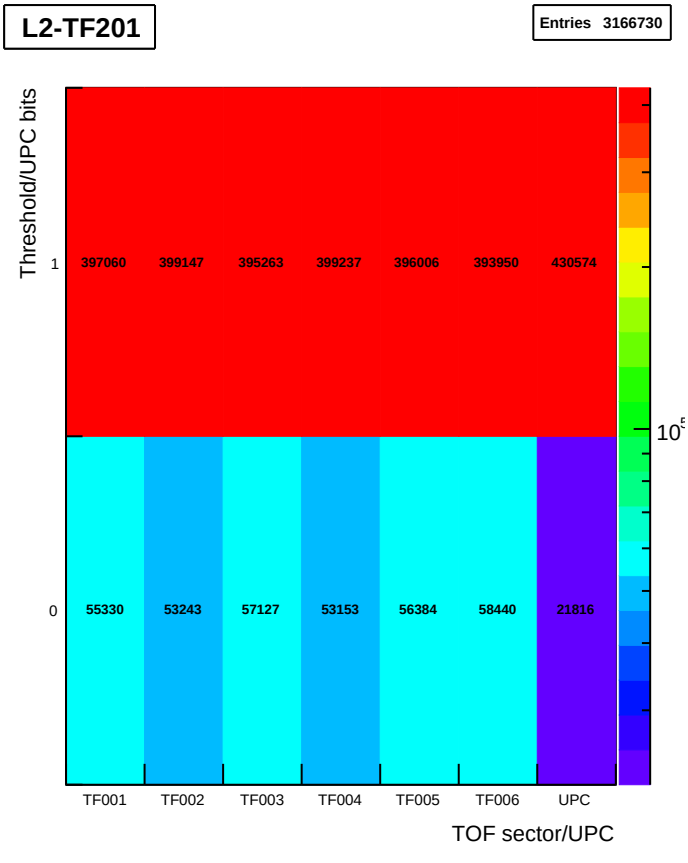

MIX-TF101
Entries 151574
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

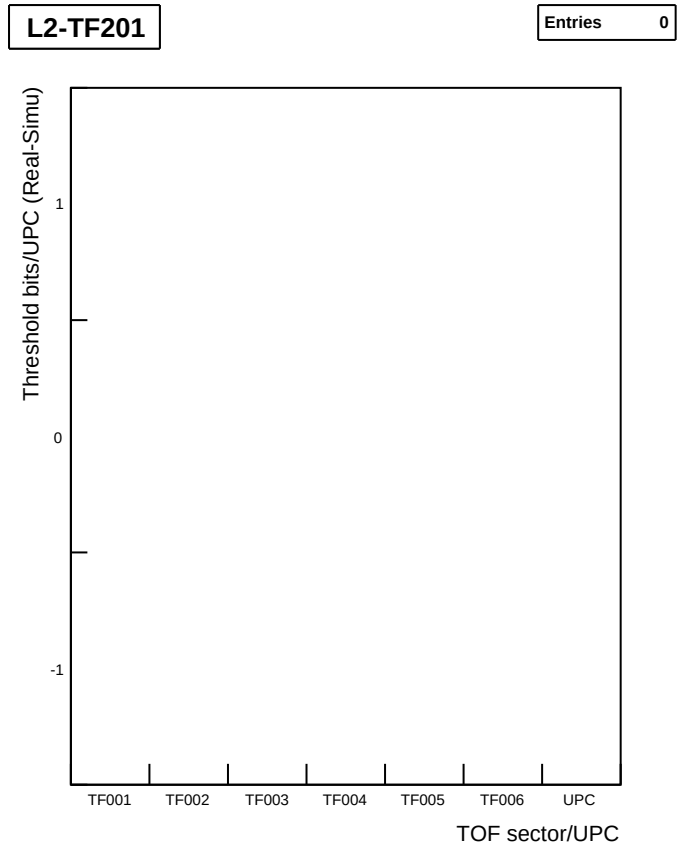

MIX-TF101
Entries 2714340
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

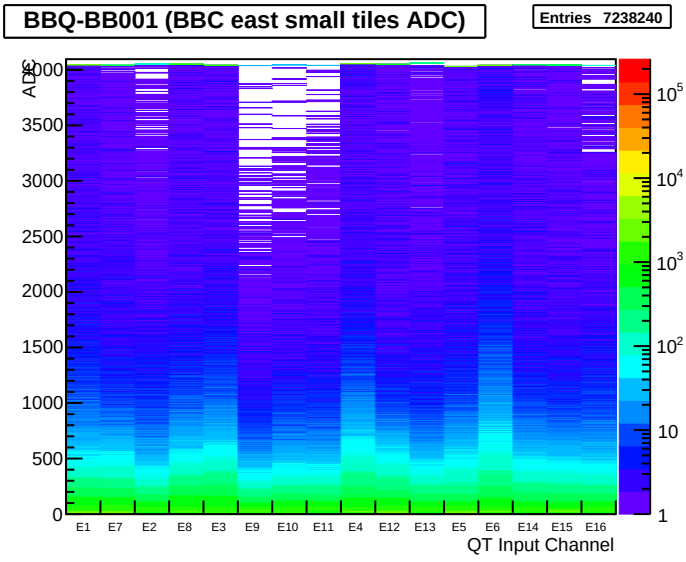

MIX-TF101
Entries 329404
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

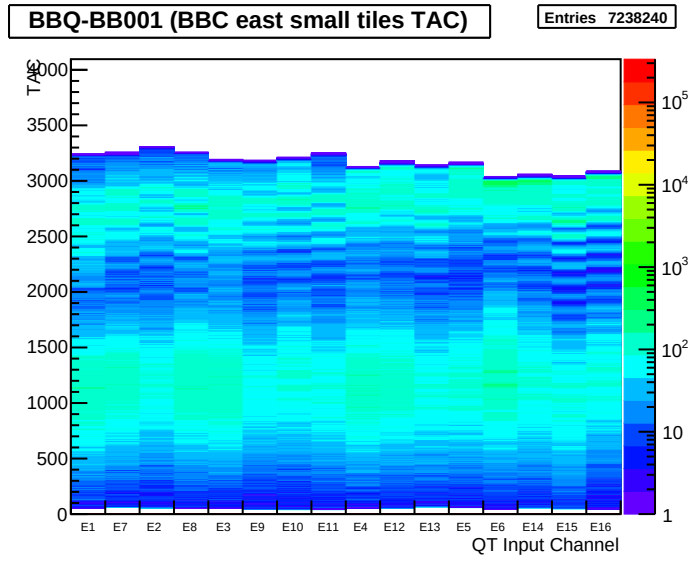

L2-TF201
Entries 452390
TOF total mult

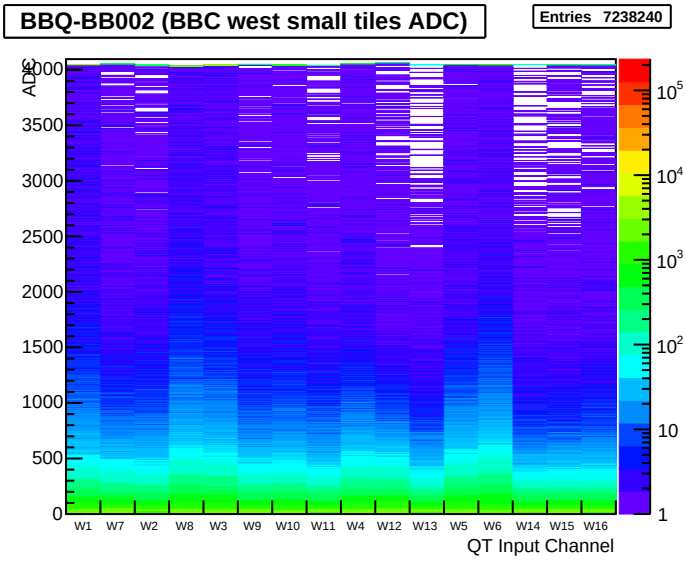

L2-TF201
Entries 0
TOF total mult(Real-Simu)

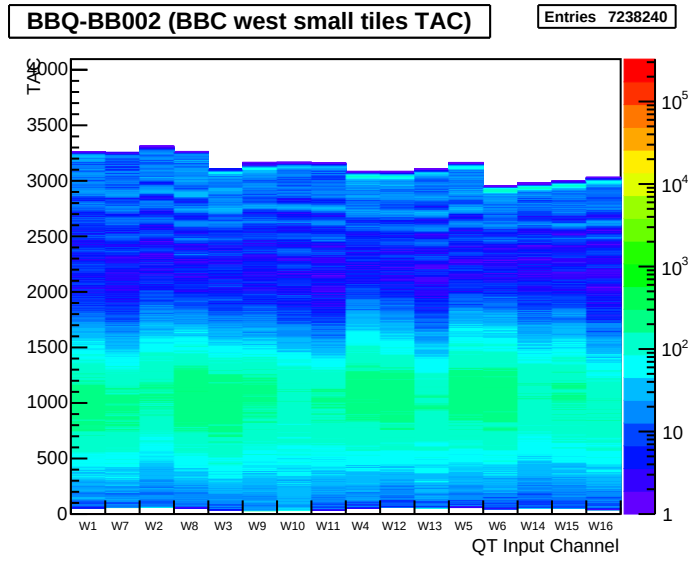

L2-TF201
Entries 3166730
Threshold/UPC bits
397060 399147 395263 399237 396006 393950 430574
55330 53243 57127 53153 56384 58440 21816
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

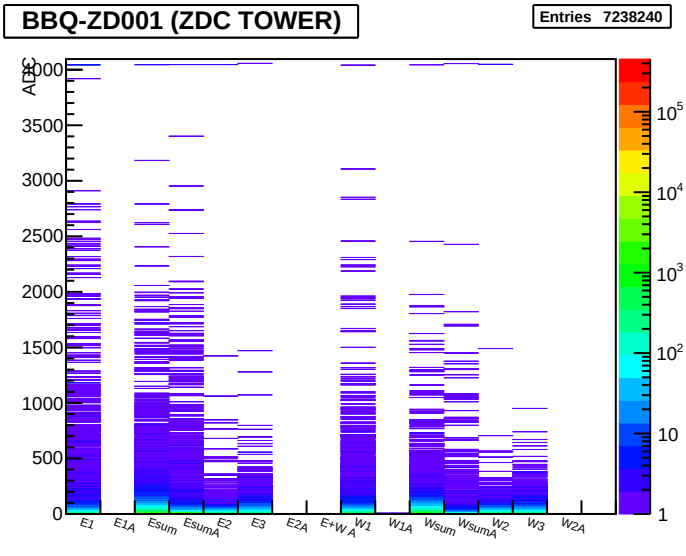

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

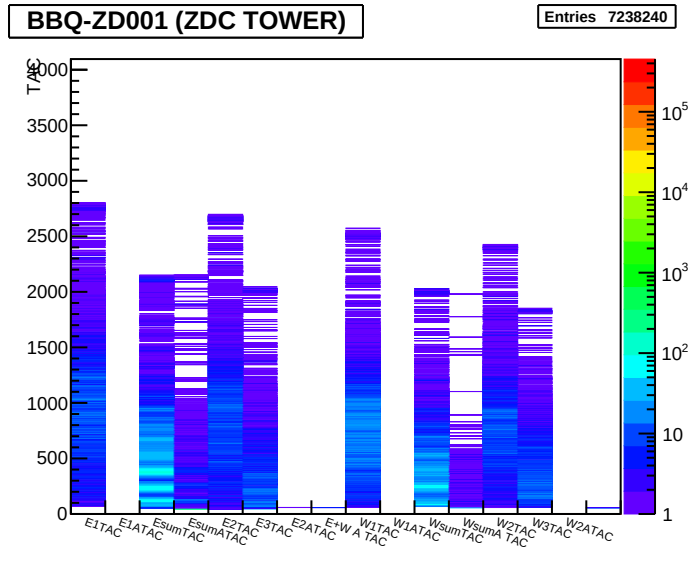

BBQ-BB001 (BBC east small tiles ADC)
Entries 7238240
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

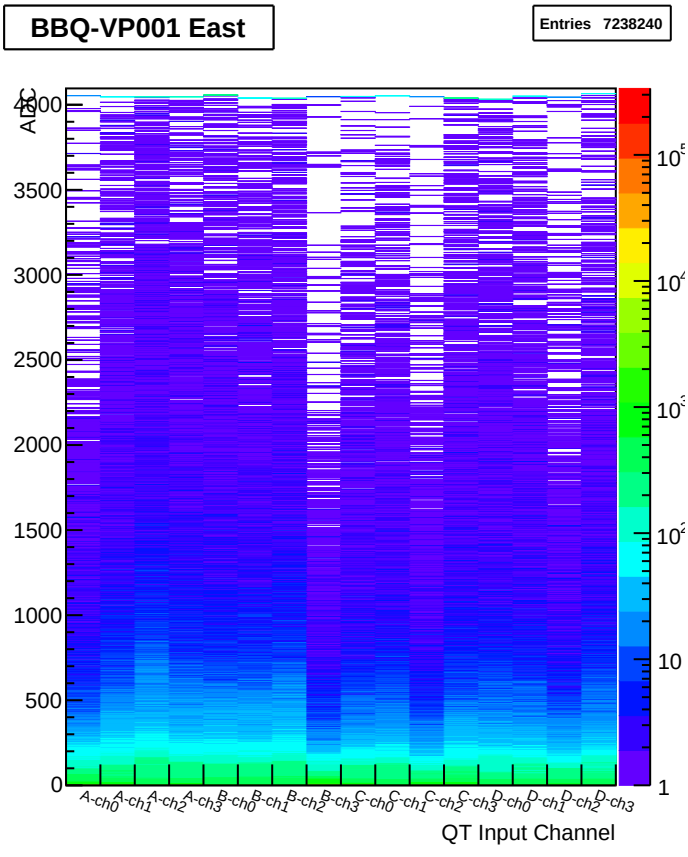

BBQ-BB001 (BBC east small tiles TAC)
Entries 7238240
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

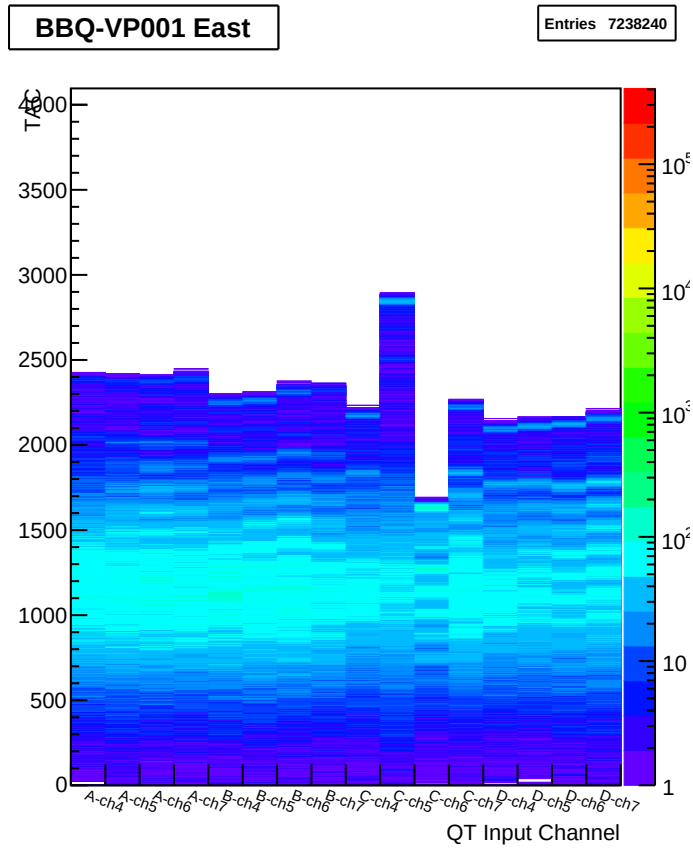

BBQ-BB002 (BBC west small tiles ADC)
Entries 7238240
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

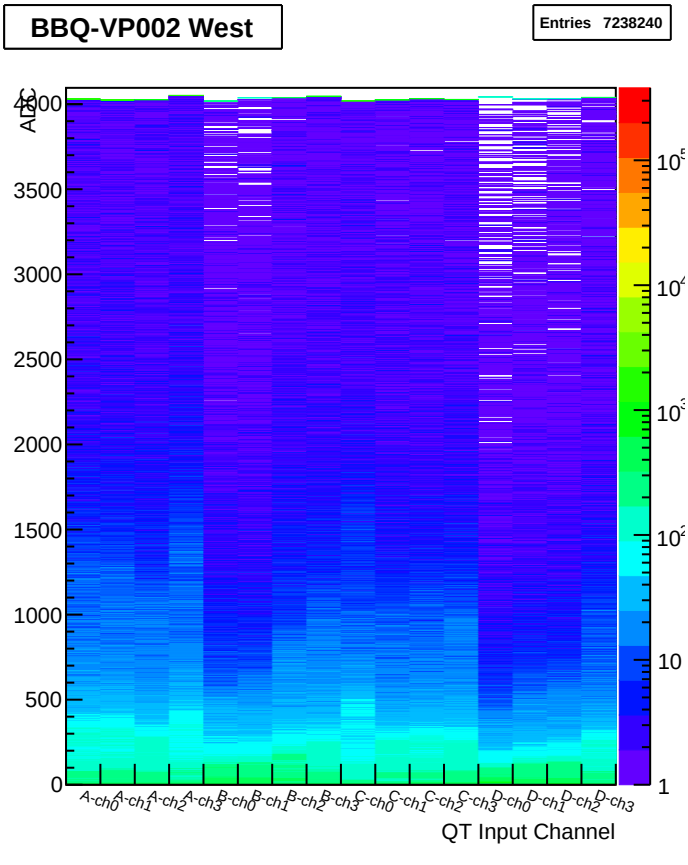

BBQ-BB002 (BBC west small tiles TAC)
Entries 7238240
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

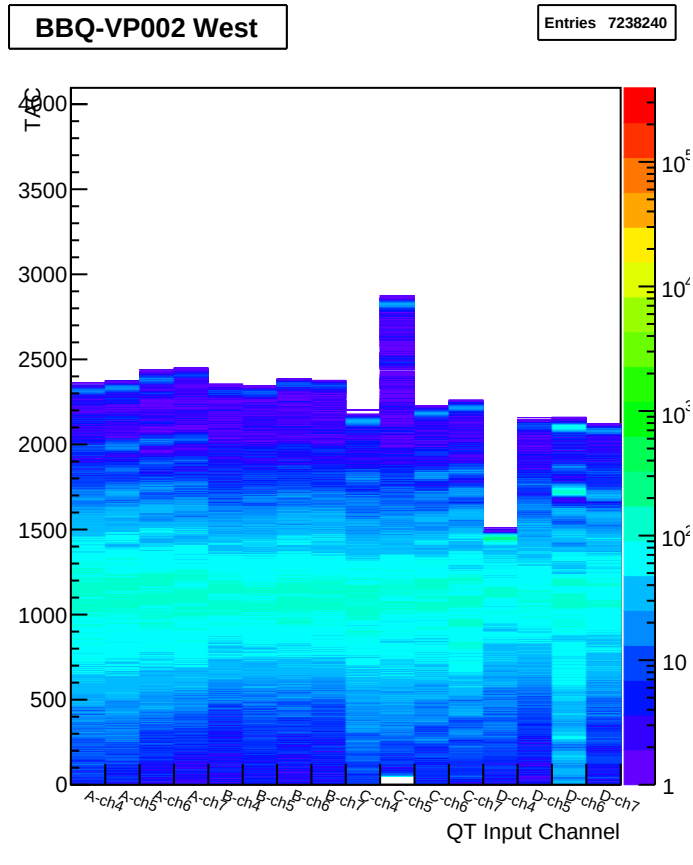

BBQ-ZD001 (ZDC TOWER)
Entries 7238240
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

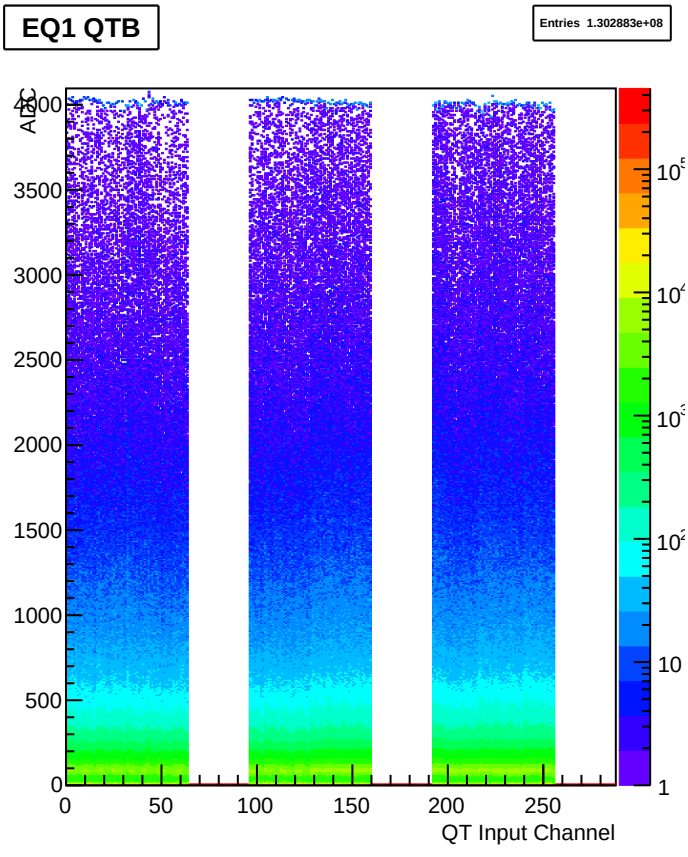

BBQ-ZD001 (ZDC TOWER)
Entries 7238240
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

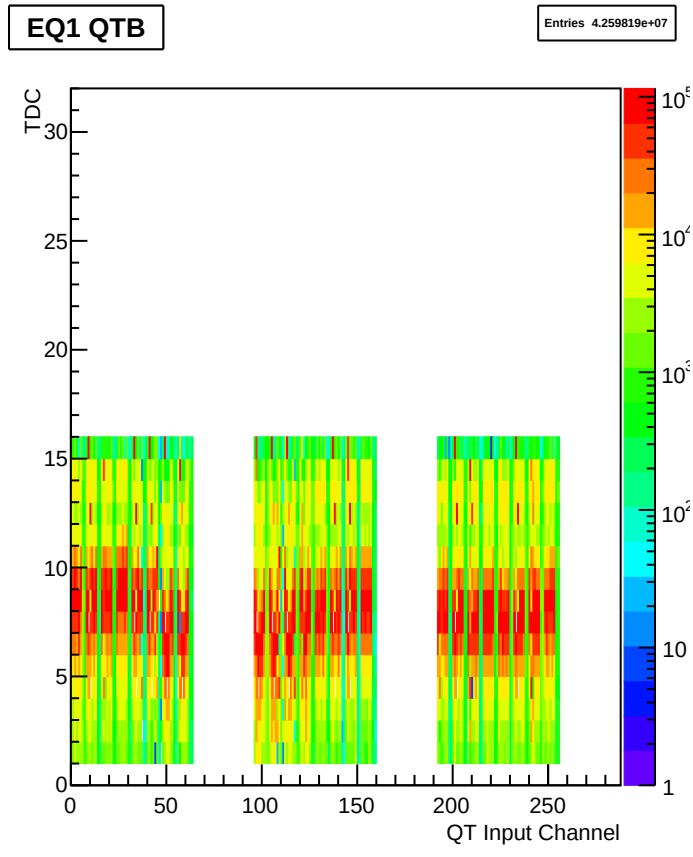

BBQ-VP001 East
Entries 7238240
ADC
QT Input Channel

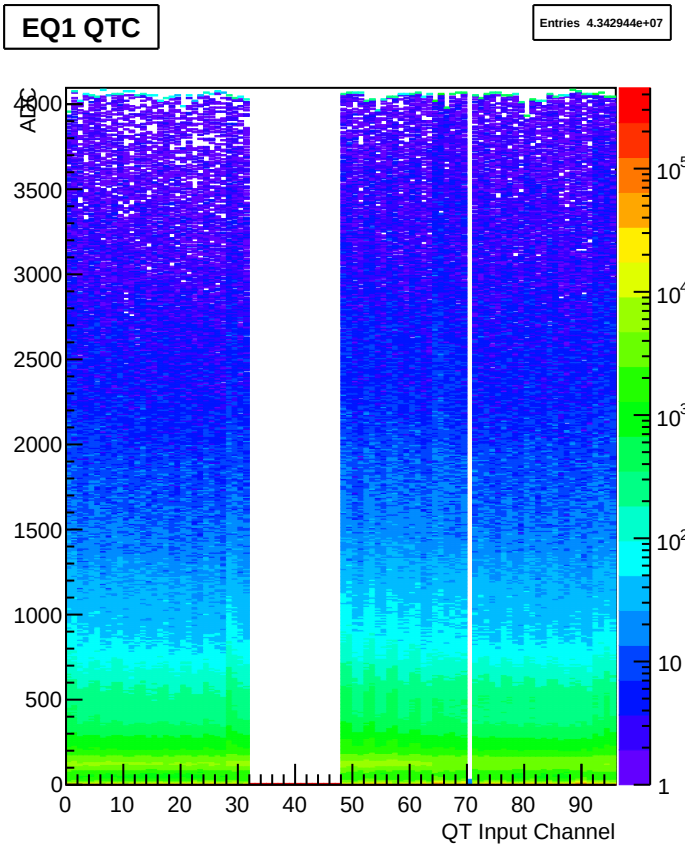

BBQ-VP001 East
Entries 7238240
TADC
QT Input Channel

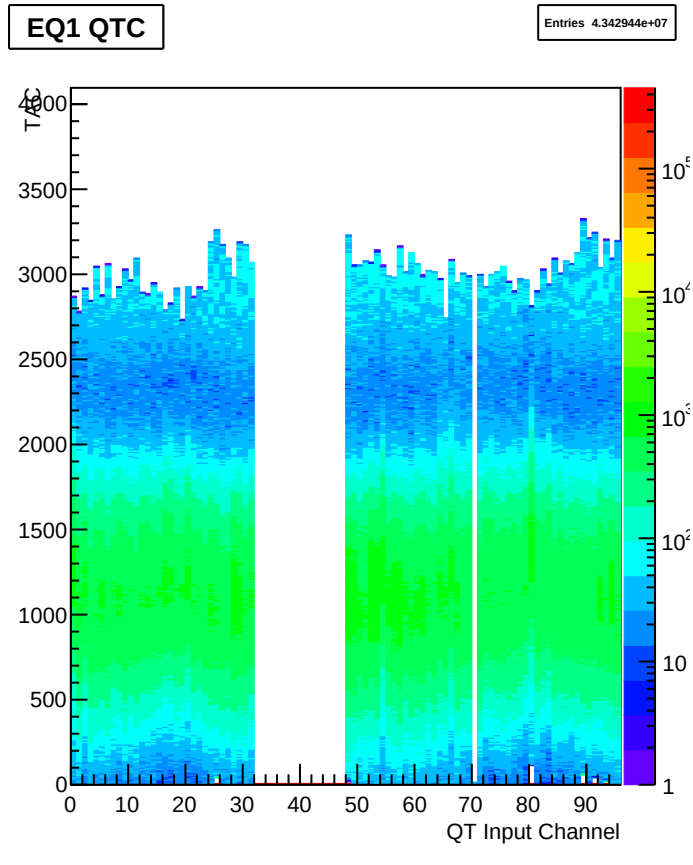

BBQ-VP002 West
Entries 7238240
ADC
QT Input Channel

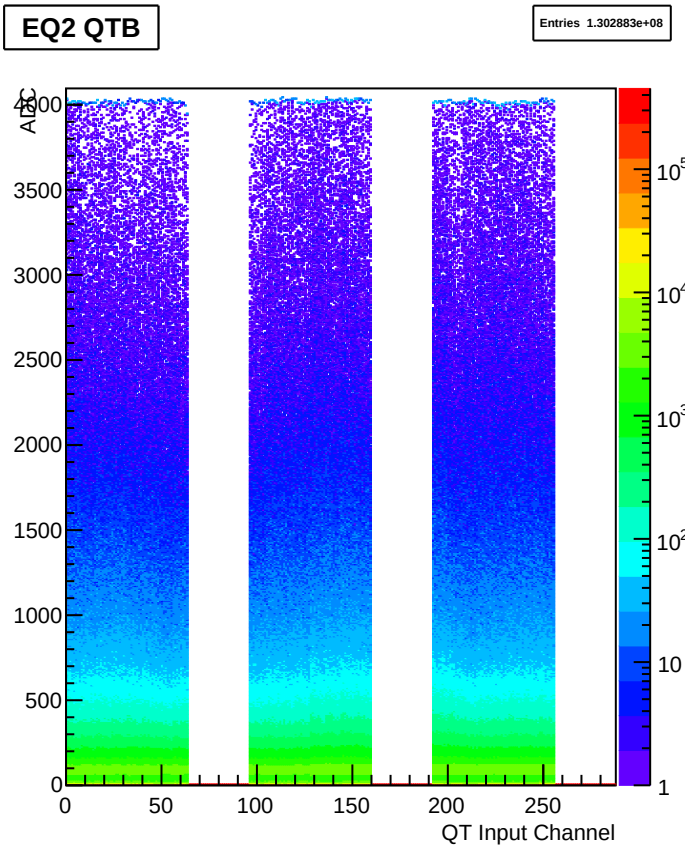

BBQ-VP002 West
Entries 7238240
TADC
QT Input Channel

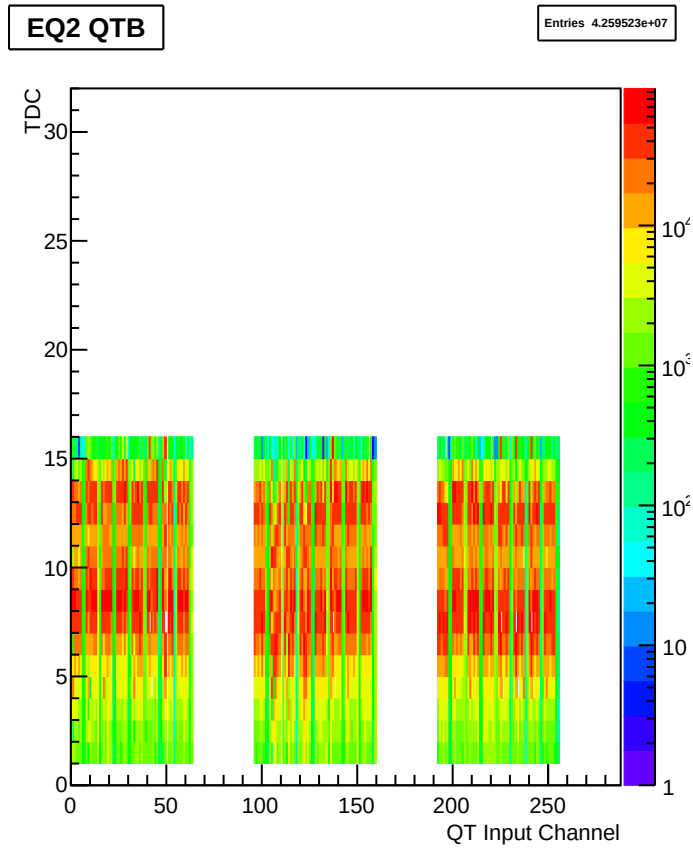

EQ1 QTB
Entries 1.302883e+08
ADC
QT Input Channel

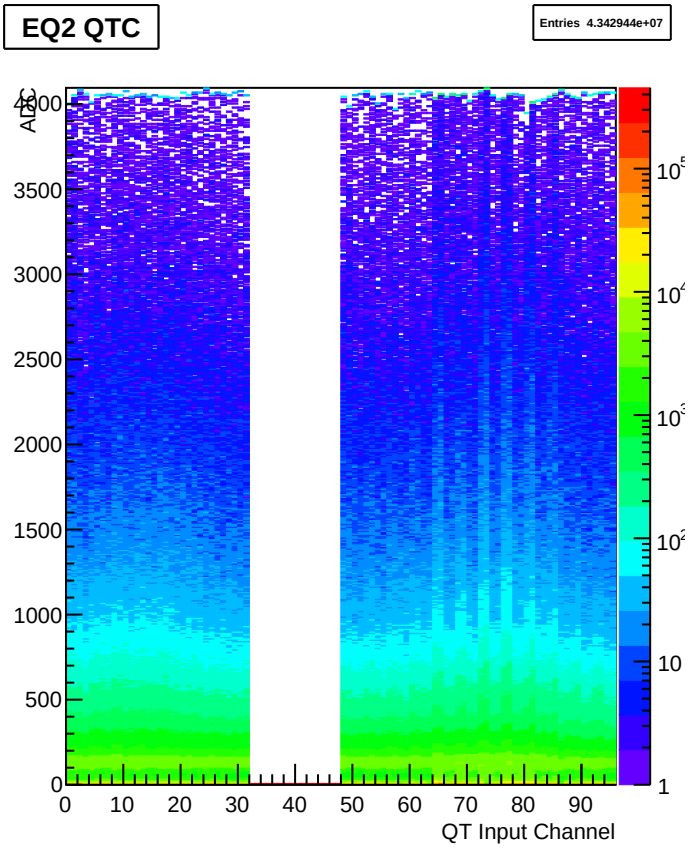

EQ1 QTB
Entries 4.259819e+07
TDC
QT Input Channel

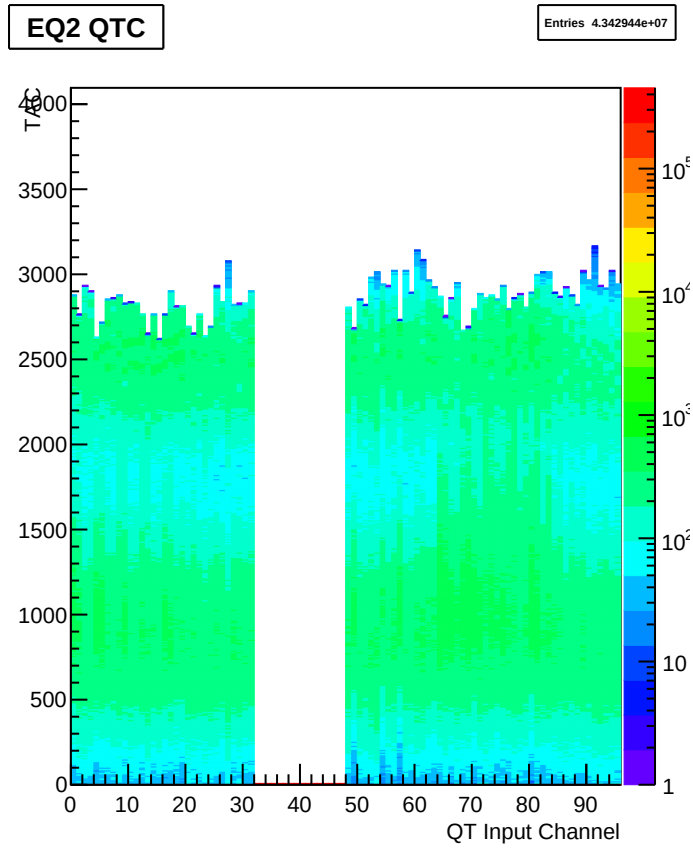

EQ1 QTC
Entries 4.342944e+07
ADC
QT Input Channel

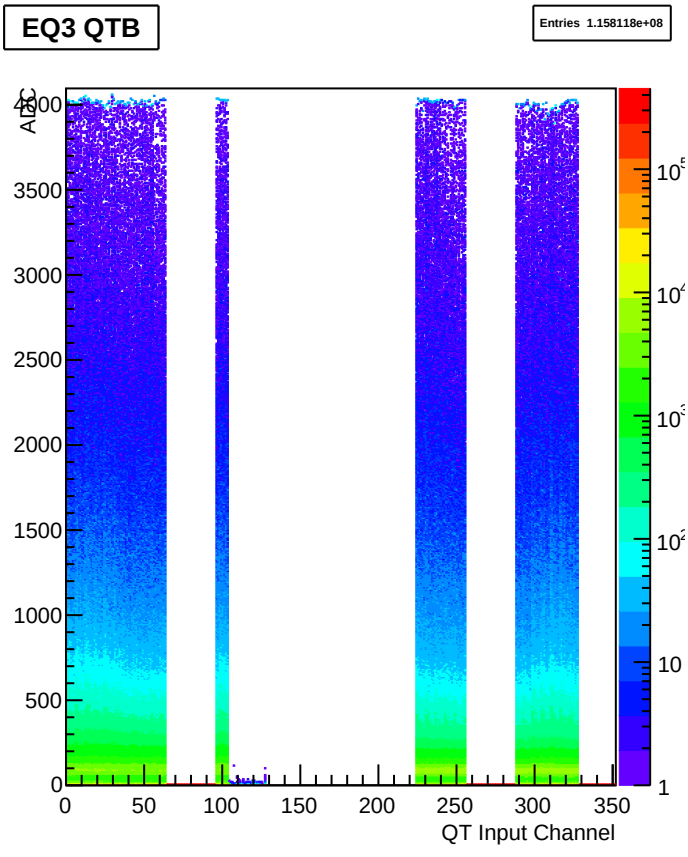

EQ1 QTC
Entries 4.342944e+07
TADC
QT Input Channel

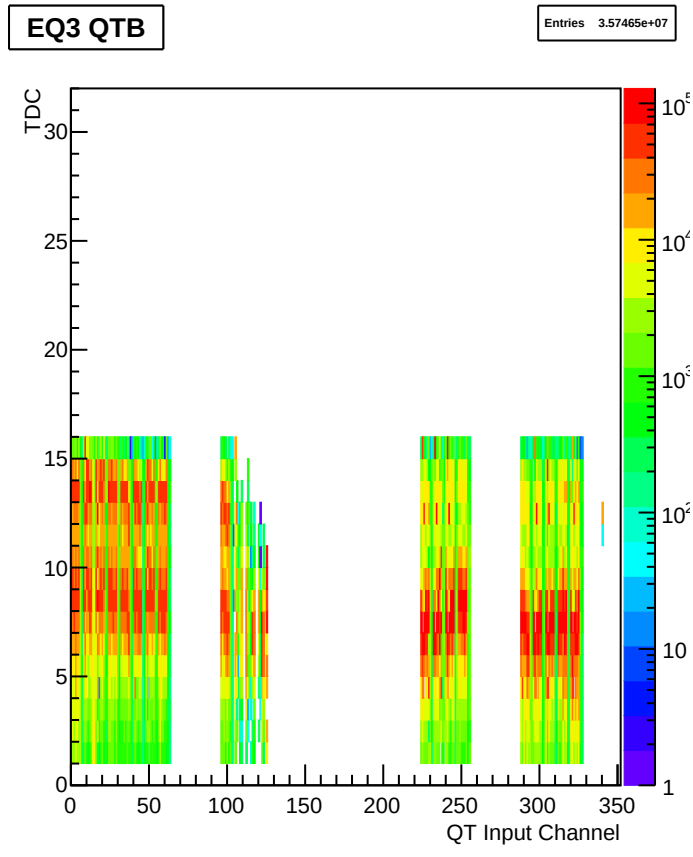

EQ2 QTB
Entries 1.302883e+08
ADC
QT Input Channel

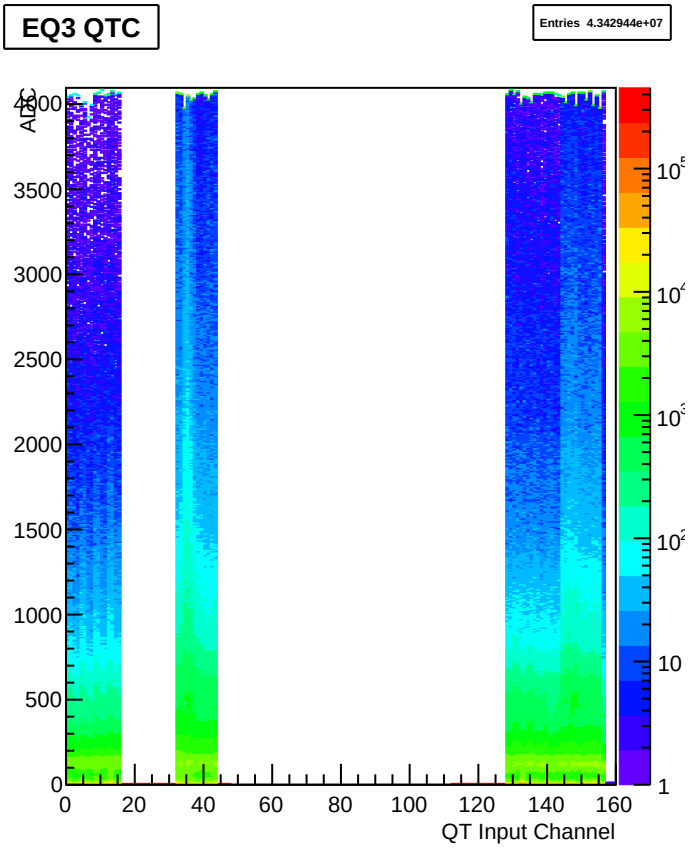

EQ2 QTB
Entries 4.259523e+07
TDC
QT Input Channel

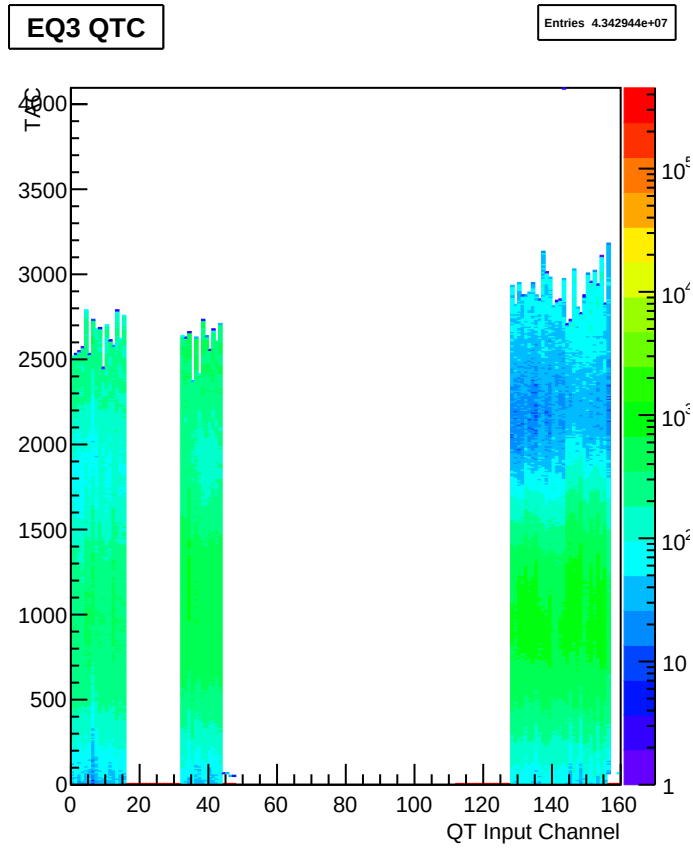

EQ2 QTC
Entries 4.342944e+07
ADC
QT Input Channel

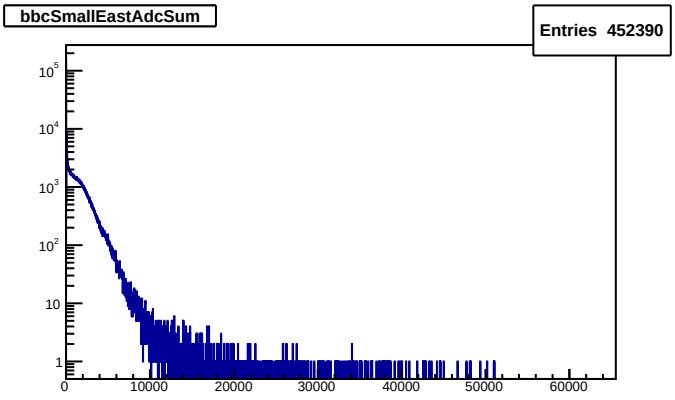

EQ2 QTC
Entries 4.342944e+07
TADC
QT Input Channel

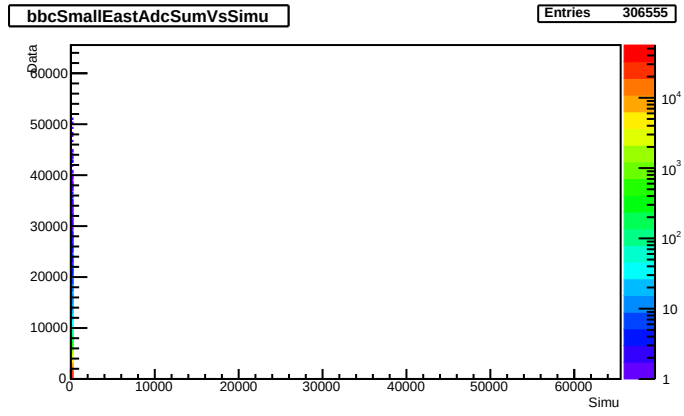

EQ3 QTB
Entries 1.158118e+08
ADC
QT Input Channel

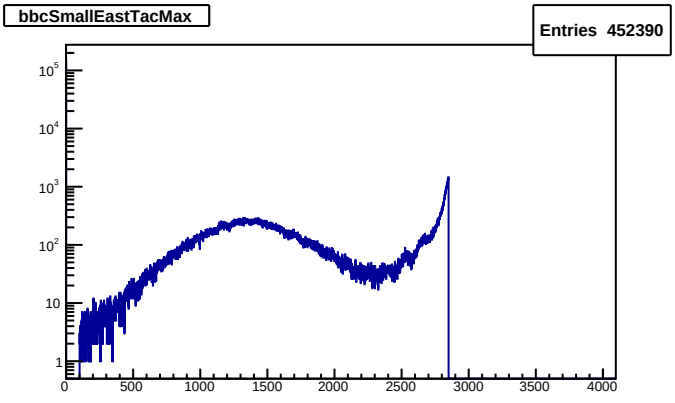

EQ3 QTB
Entries 3.57465e+07
TDC
QT Input Channel

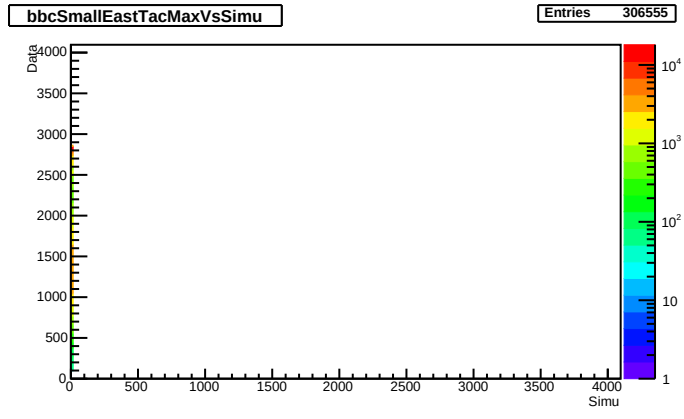

EQ3 QTC
Entries 4.342944e+07
ADC
QT Input Channel

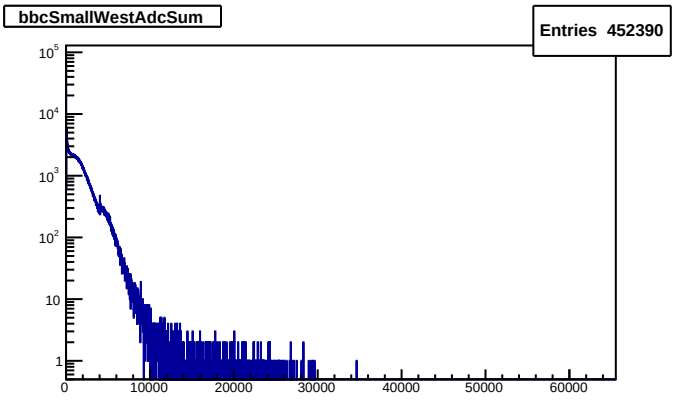

EQ3 QTC
Entries 4.342944e+07
TADC
QT Input Channel

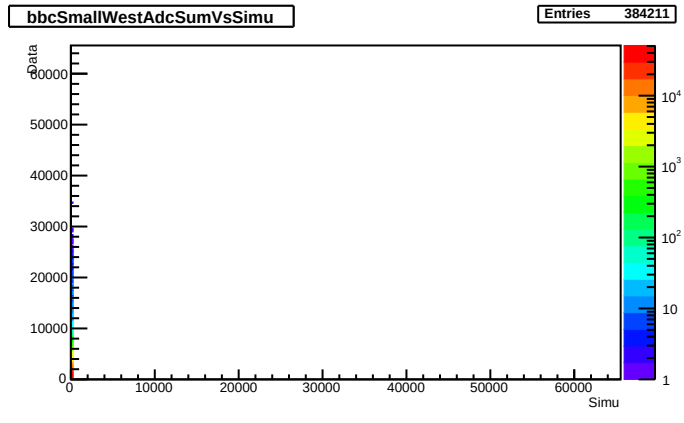

bbcSmallEastAdcSum
Entries 452390

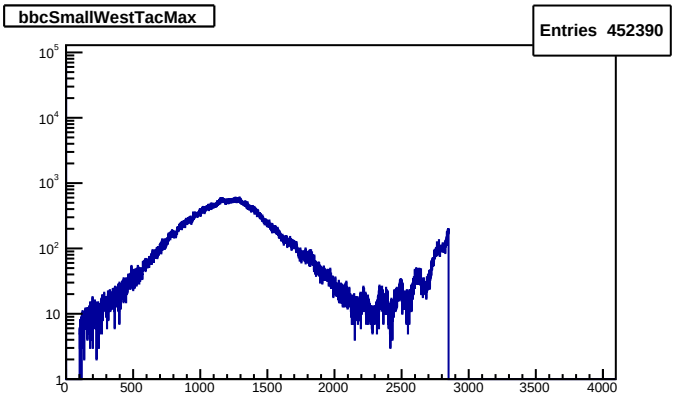

bbcSmallEastAdcSumVsSimu
Entries 306555
Data
Simu

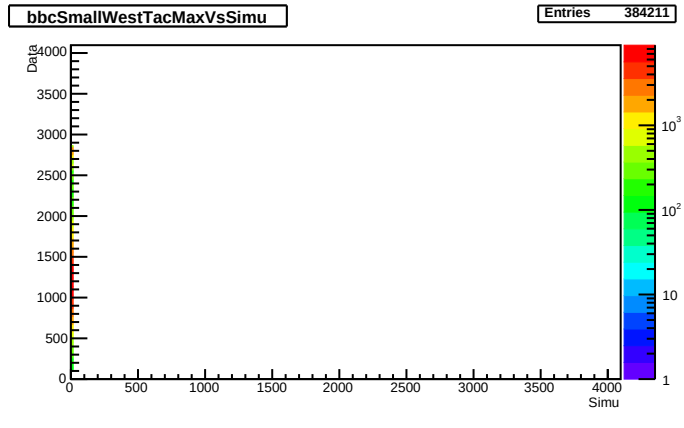

bbcSmallEastTacMax
Entries 452390

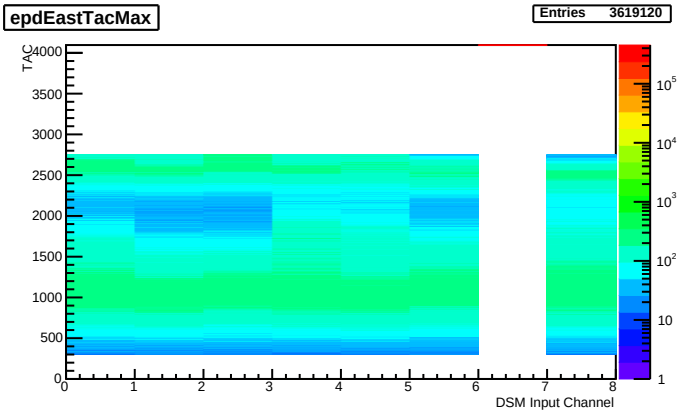

bbcSmallEastTacMaxVsSimu
Entries 306555
Data
Simu

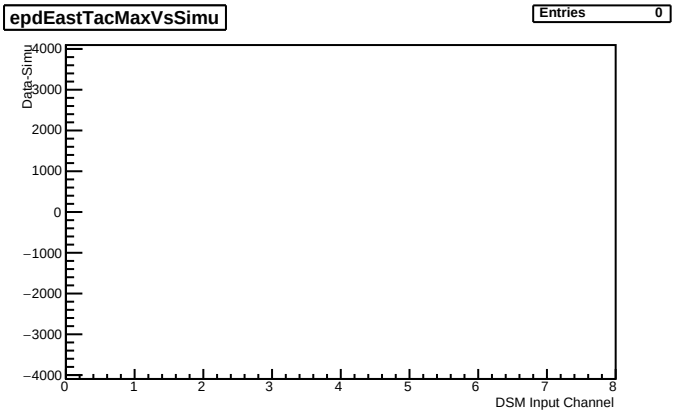

bbcSmallWestAdcSum
Entries 452390

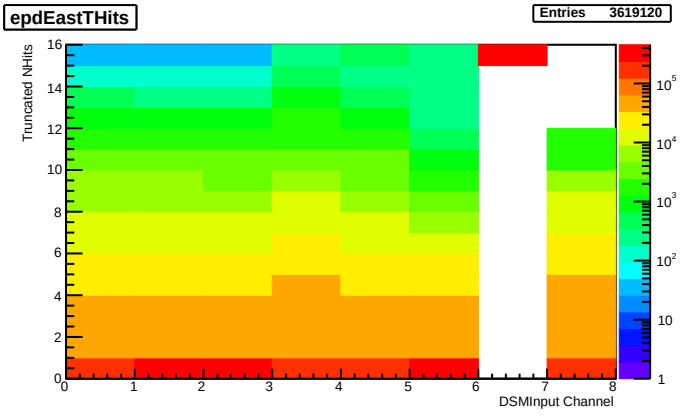

bbcSmallWestAdcSumVsSimu
Entries 384211
Data
Simu

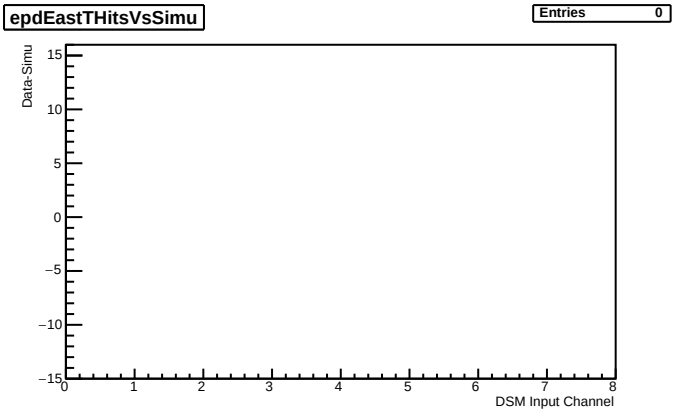

bbcSmallWestTacMax
Entries 452390


bbcSmallWestTacMaxVsSimu
Entries 384211
Data
Simu


epdEastTacMax
Entries 3619120
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3619120
Truncated NHits
DSMInput Channel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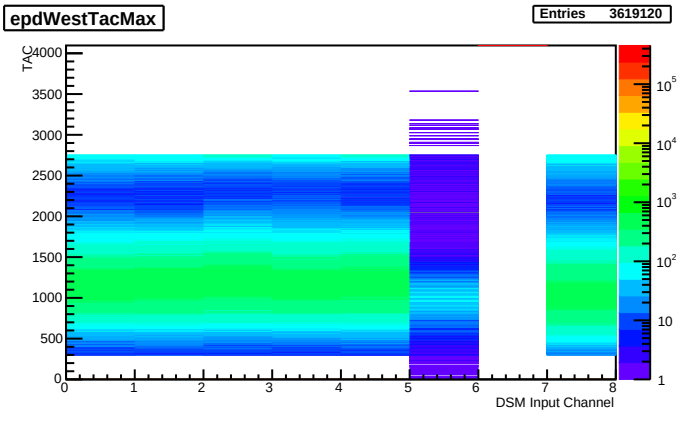
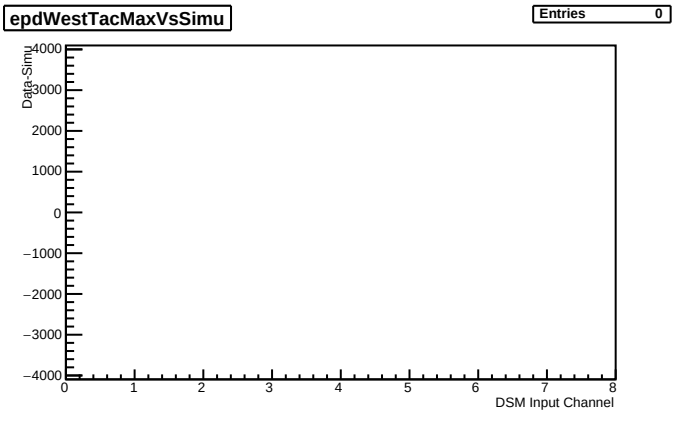
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3619120
TAC
DSM Input Channel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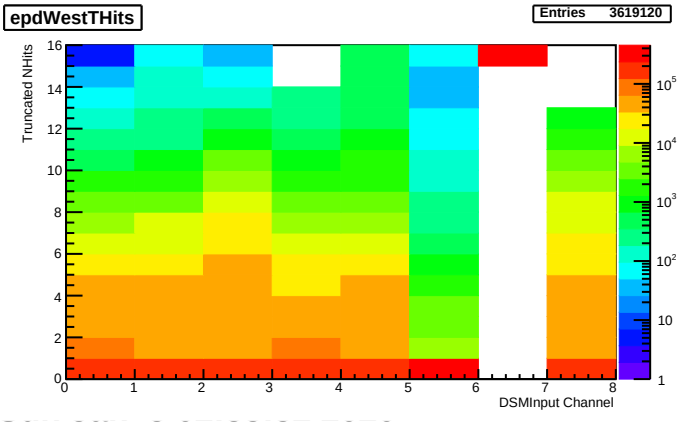
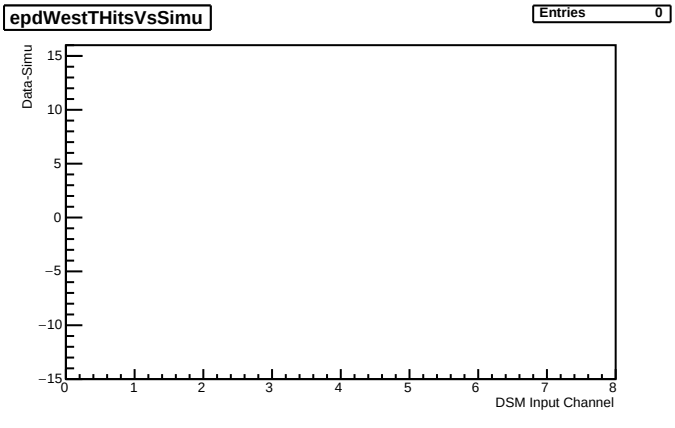
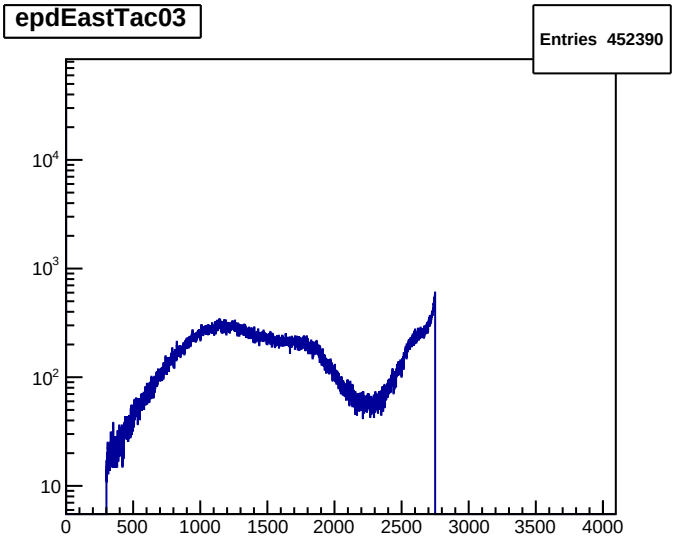
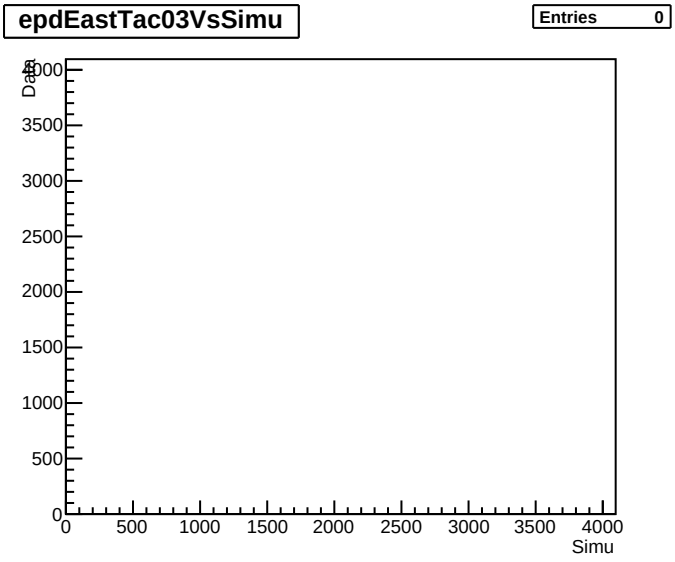
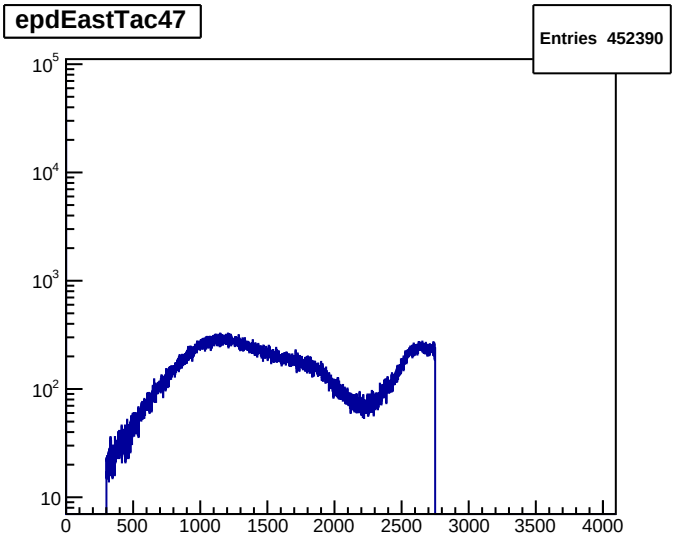
Entries 0
Data-Simu
DSM Input Channel

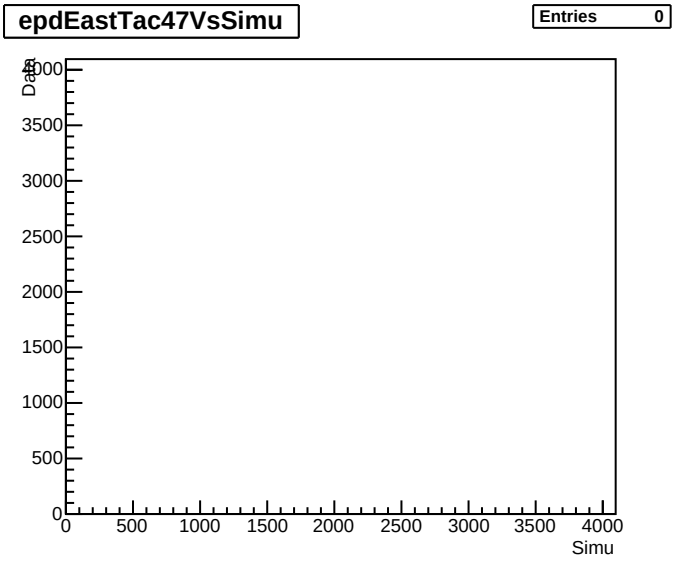

epdWestTHits
Entries 3619120
Truncated NHits
DSMInput Channel

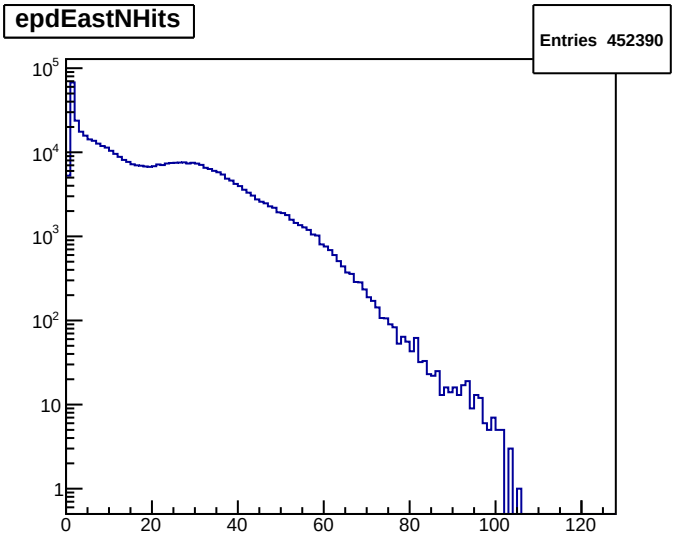

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

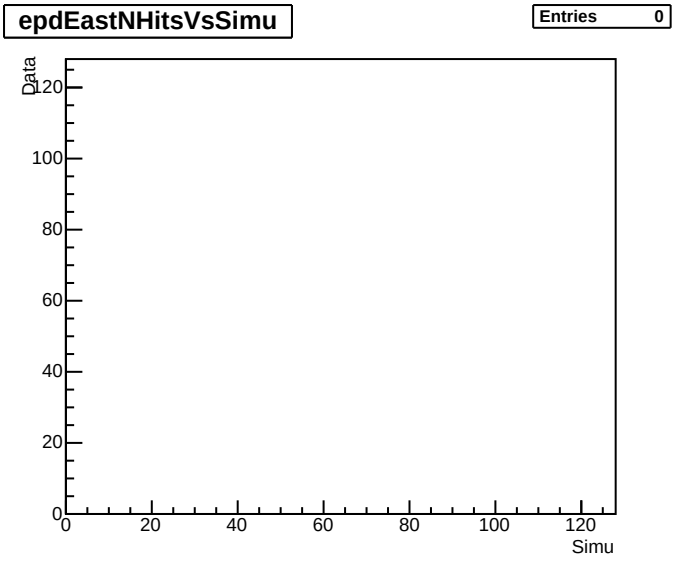

epdEastTac03
Entries 452390


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 452390


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 452390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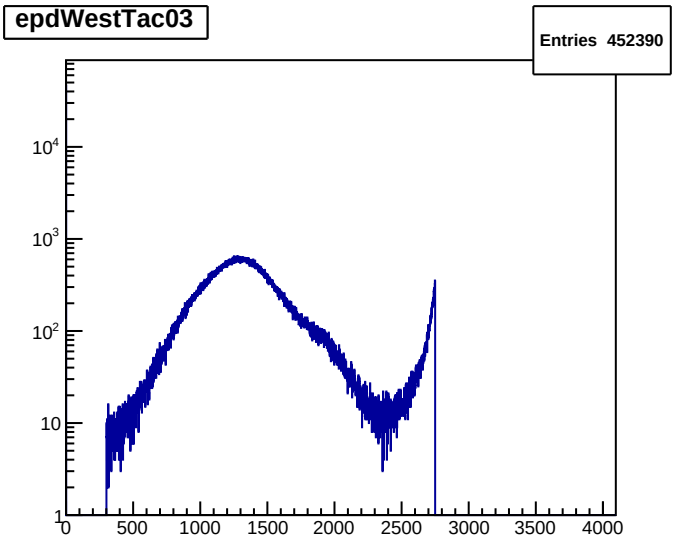
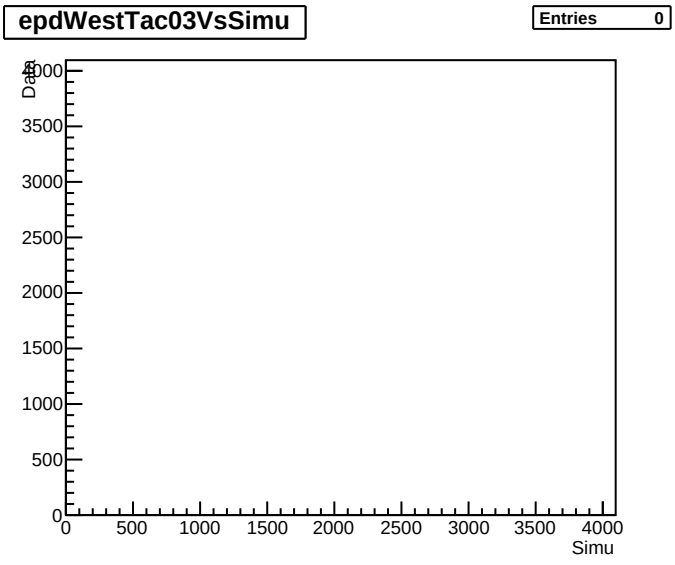
Entries 0
Data
Simu


epdWestTac03
Entries 452390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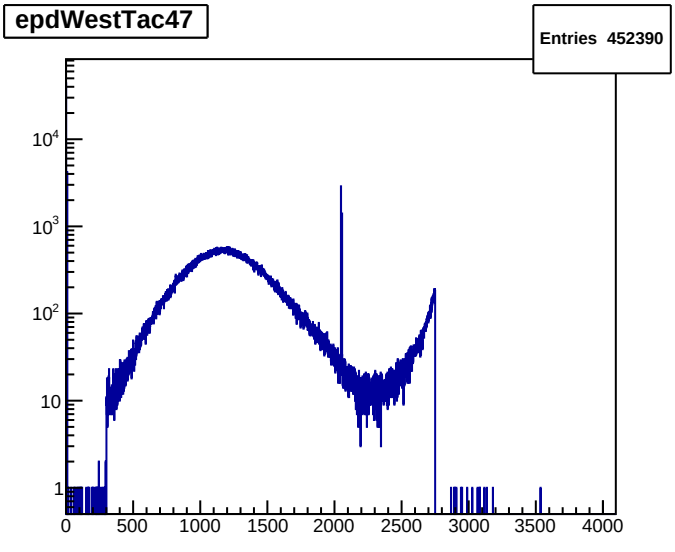
Entries 0
Data
Simu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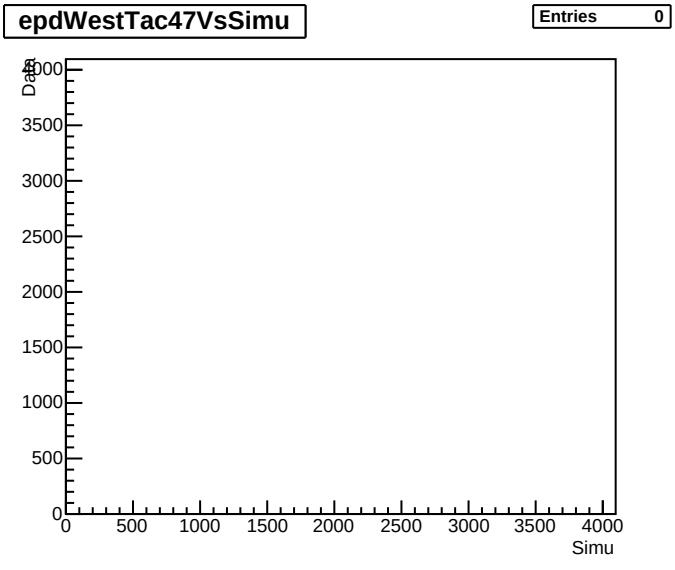
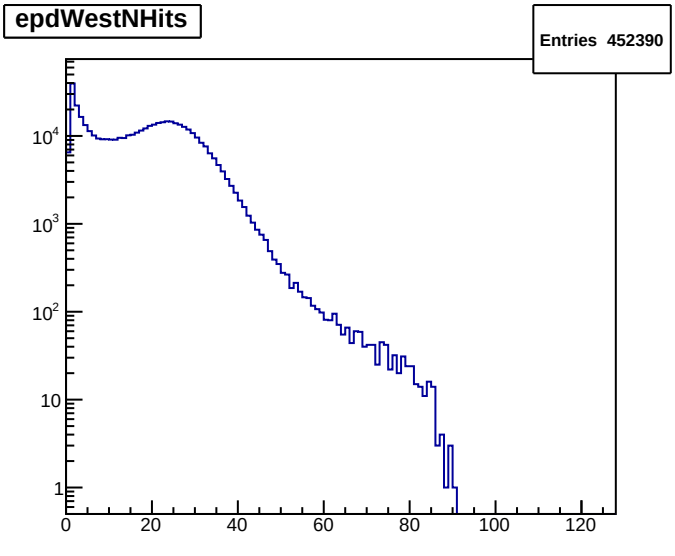
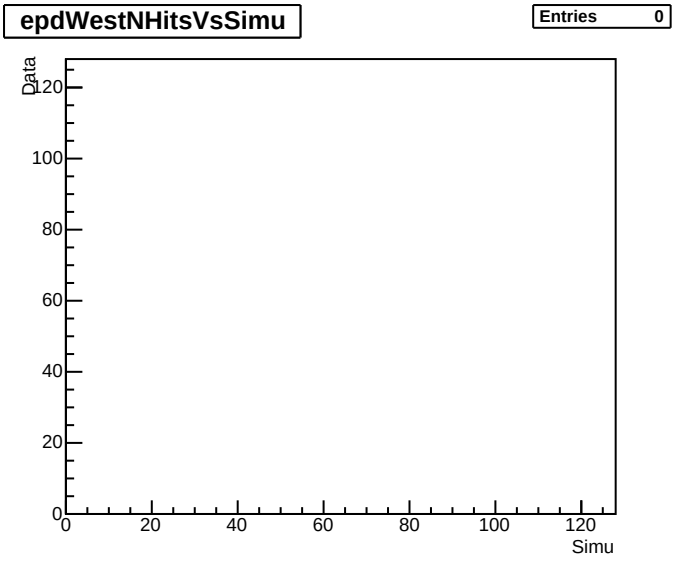
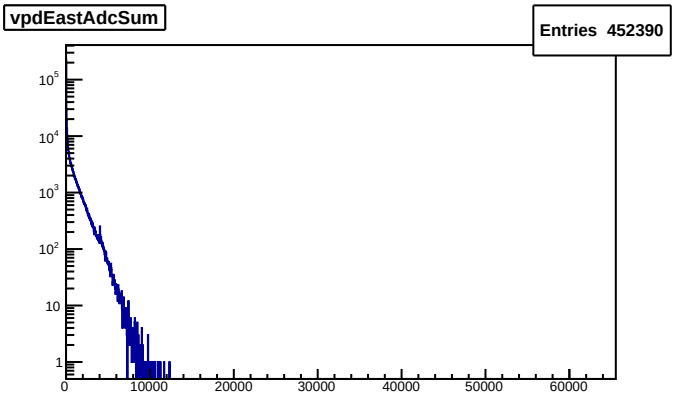
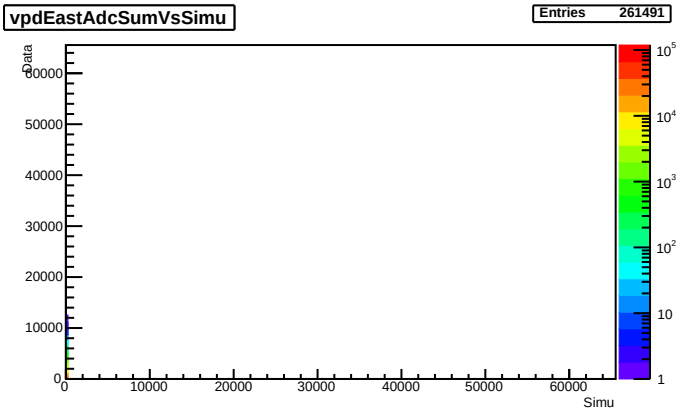
Entries 452390

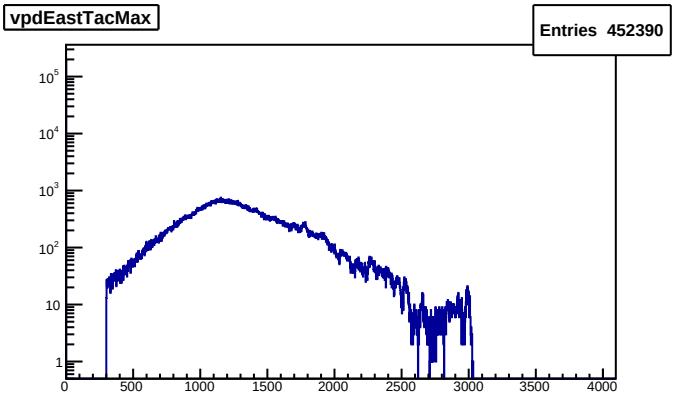

epdWestTac47VsSimu
Entries 0
Data
Simu

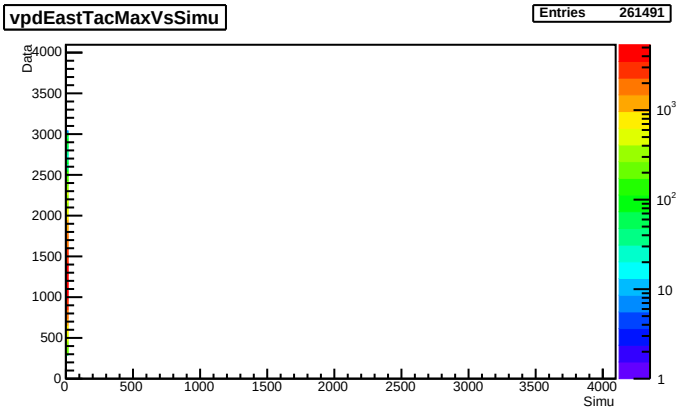

epdWestNHits
Entries 452390

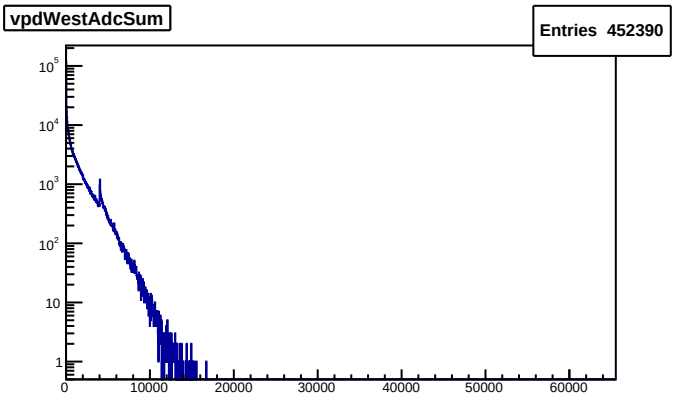

epdWestNHitsVsSimu
Entries 0
Data
Simu

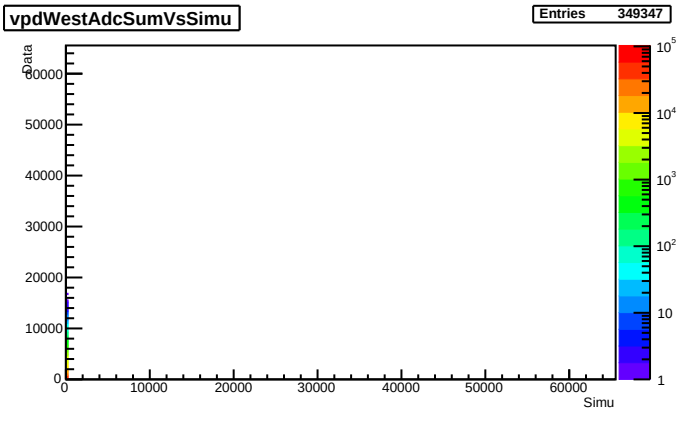

vpdEastAdcSum
Entries 452390

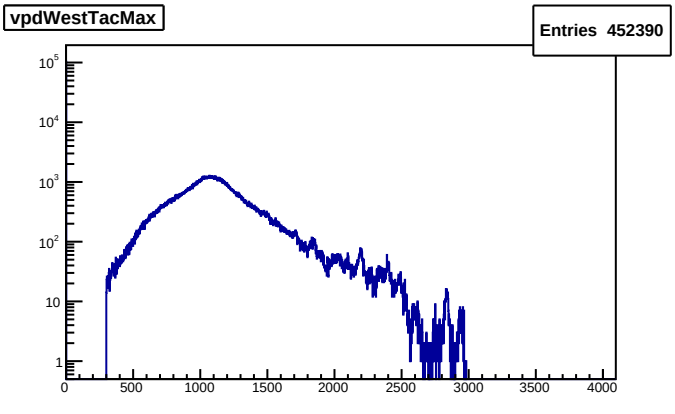

vpdEastAdcSumVsSimu
Entries 261491
Data
Simu

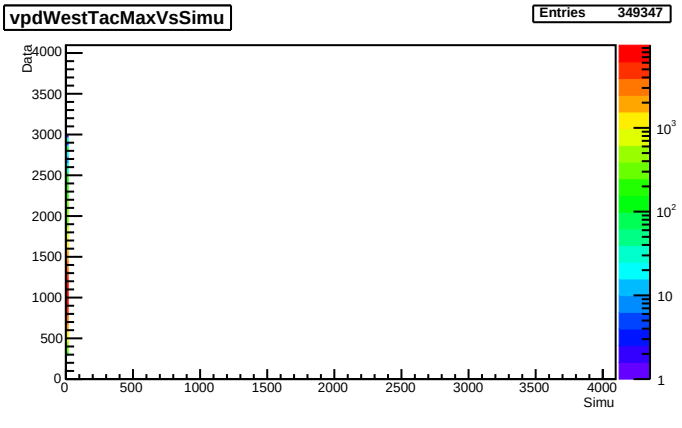

vpdEastTacMax
Entries 452390

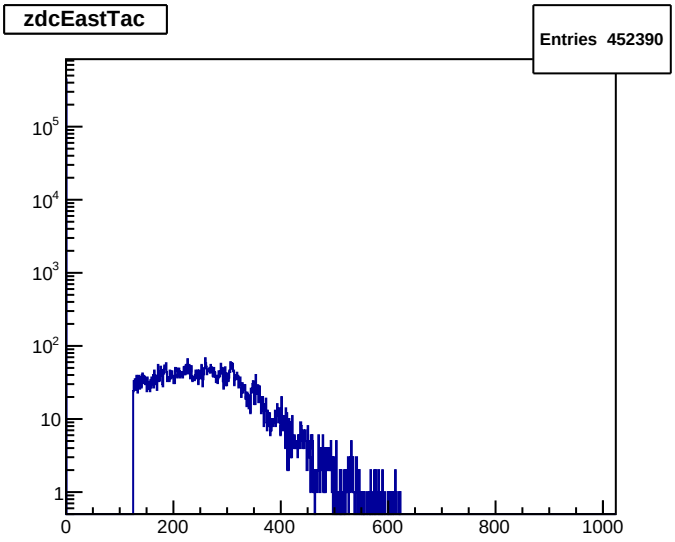

vpdEastTacMaxVsSimu
Entries 261491
Data
Simu

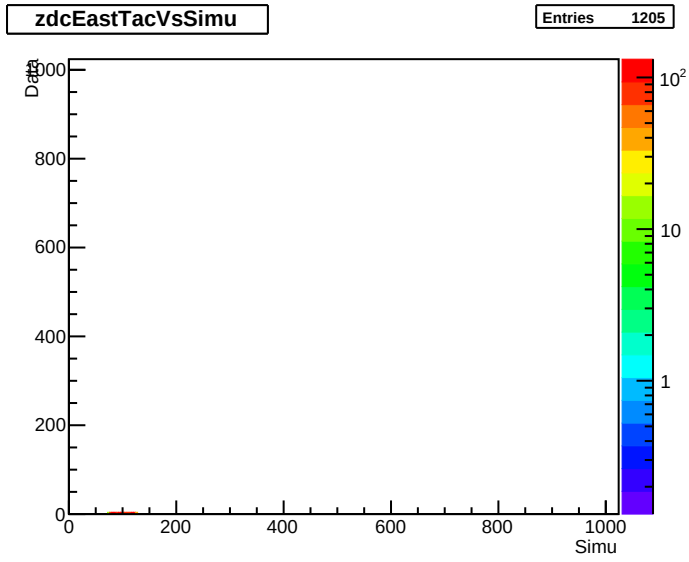

vpdWestAdcSum
Entries 452390

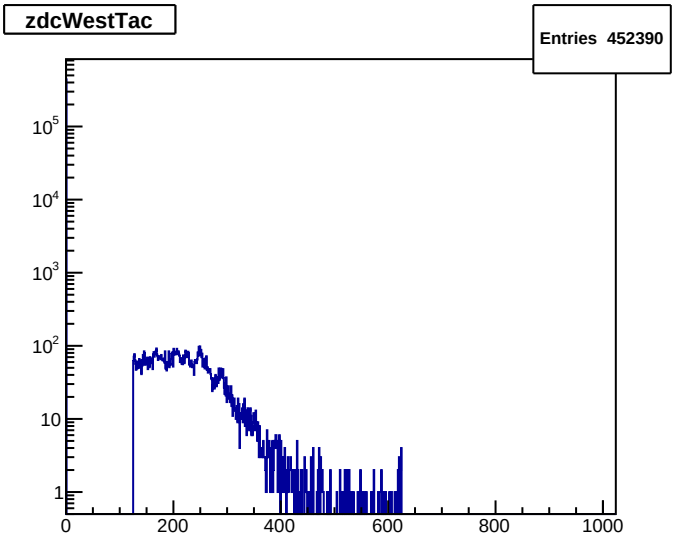

vpdWestAdcSumVsSimu
Entries 349347
Data
Simu

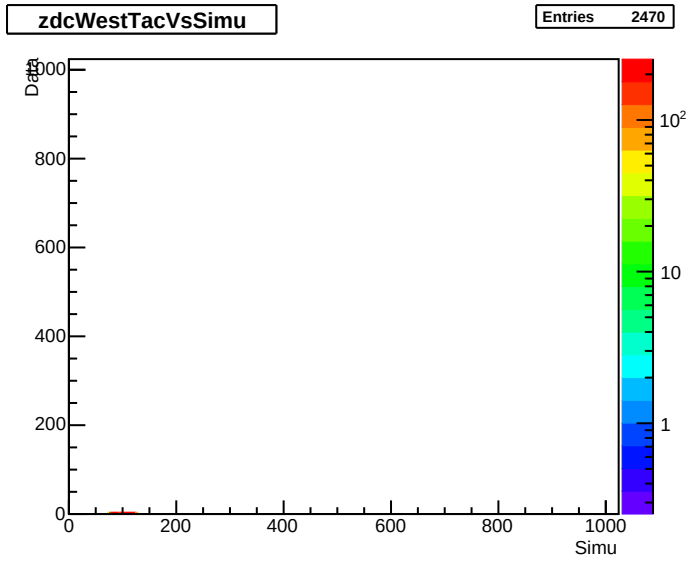

vpdWestTacMax
Entries 452390

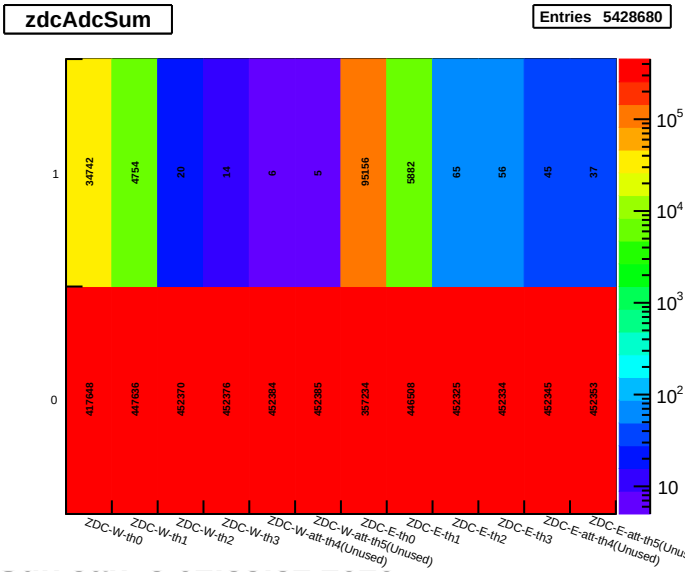

vpdWestTacMaxVsSimu
Entries 349347
Data
Simu

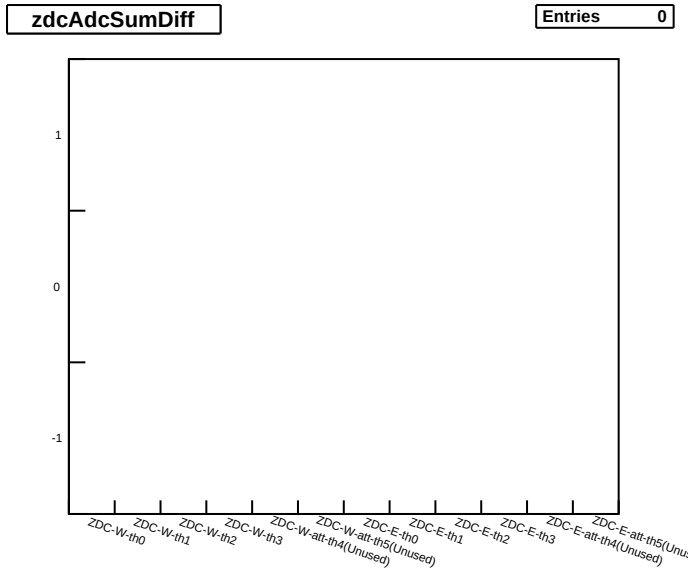

zdcEastTac
Entries 452390

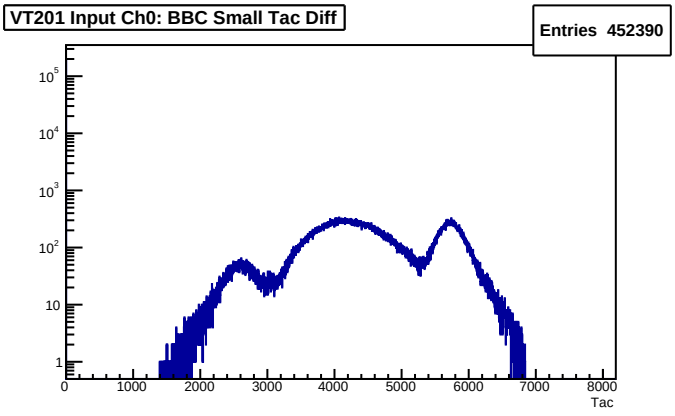

zdcEastTacVsSimu
Entries 1205
Data
Simu

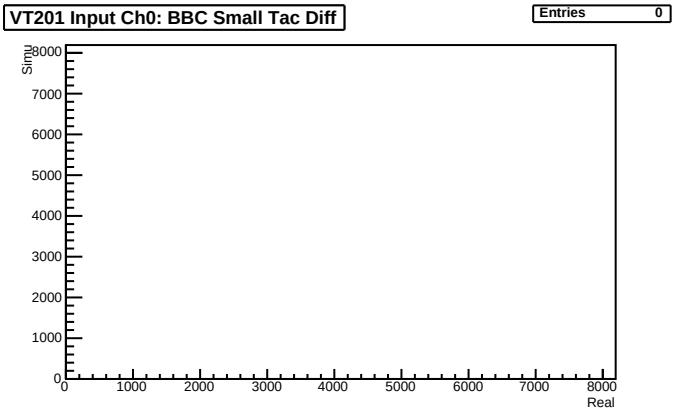

zdcWestTac
Entries 452390

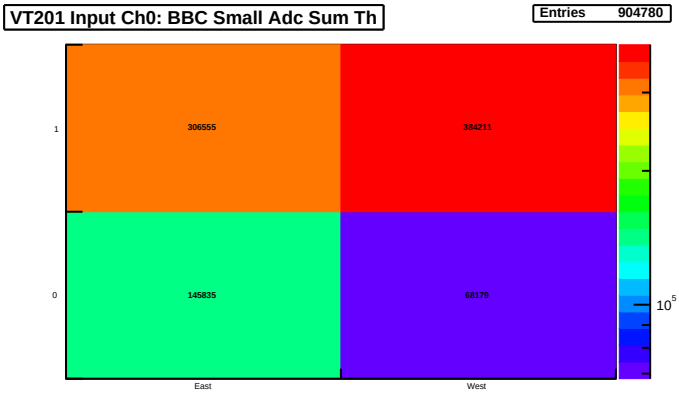

zdcWestTacVsSimu
Entries 2470
Data
Simu

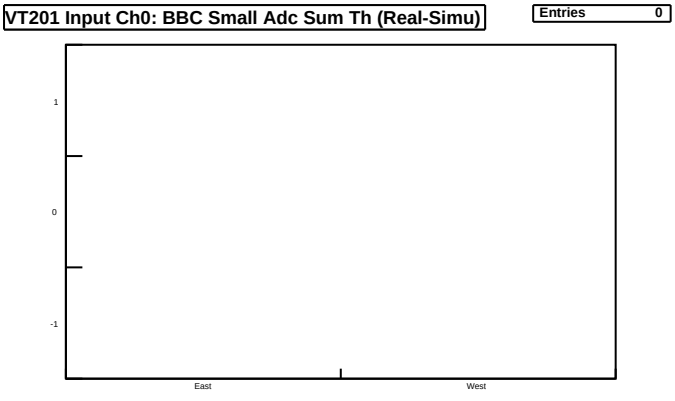

zdcAdcSum
Entries 5428680
34742
4754
20
14
6
5
95156
5882
65
56
45
37
417648
447636
452370
452376
452384
452385
357234
446508
452325
452334
452345
452353
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

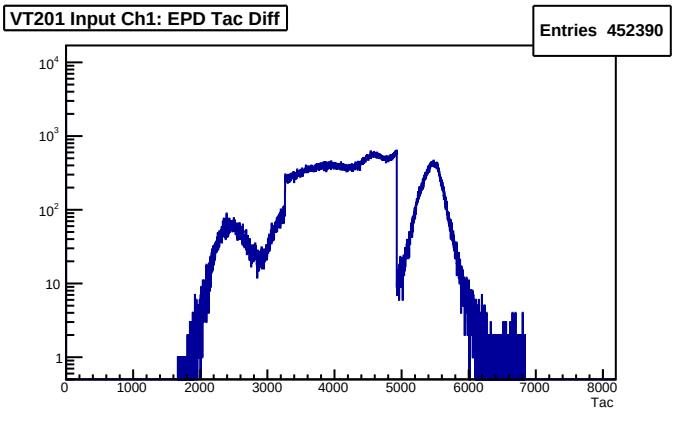

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

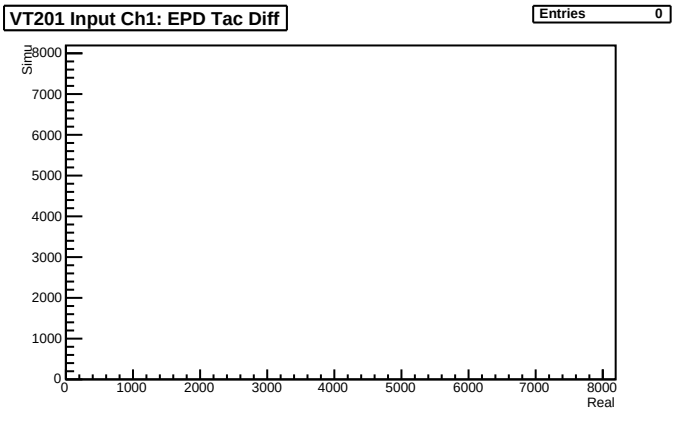

VT201 Input Ch0: BBC Small Tac Diff
Entries 452390
Tac

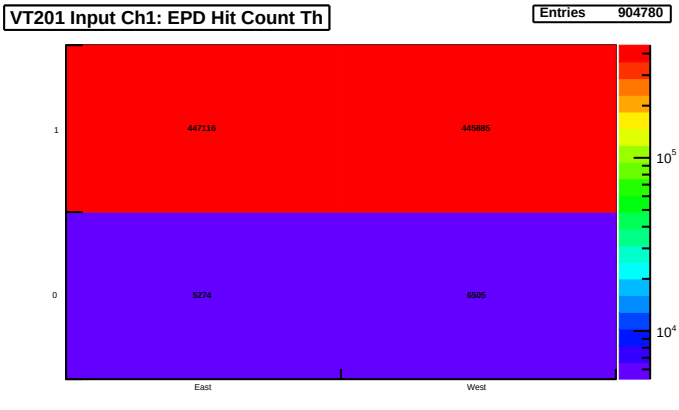

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

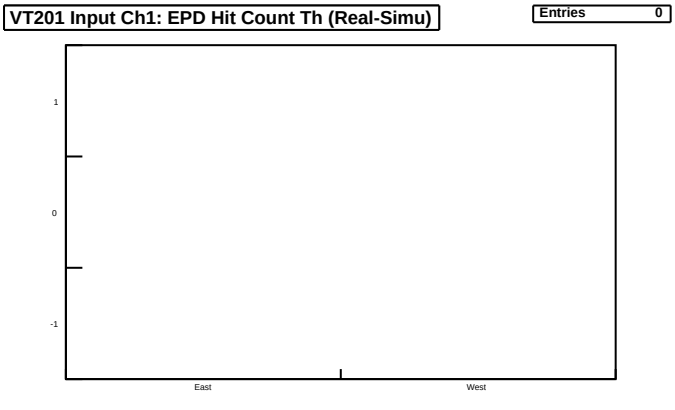

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 904780
306555
384211
145835
68179
East
West

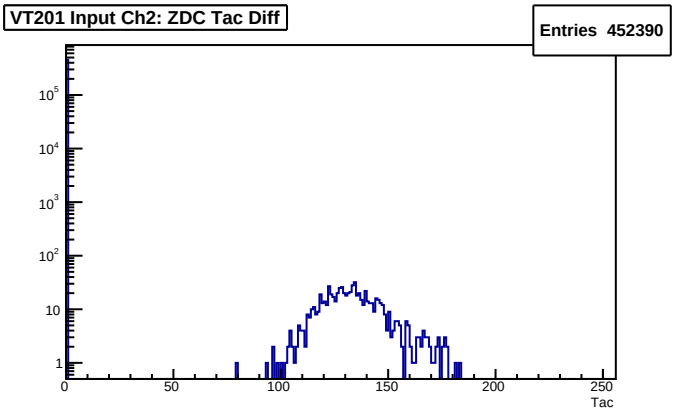

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

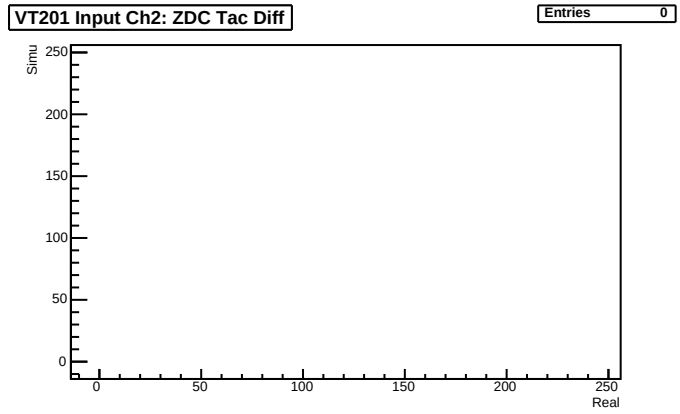

VT201 Input Ch1: EPD Tac Diff
Entries 452390
Tac

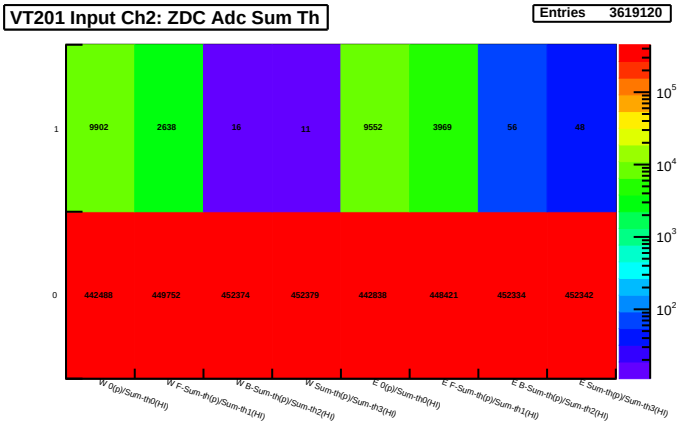

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

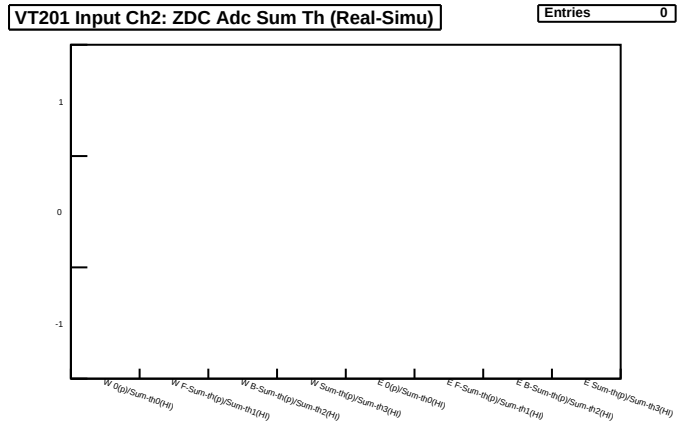

VT201 Input Ch1: EPD Hit Count Th
Entries 904780
447116
445885
5274
6505
East
West

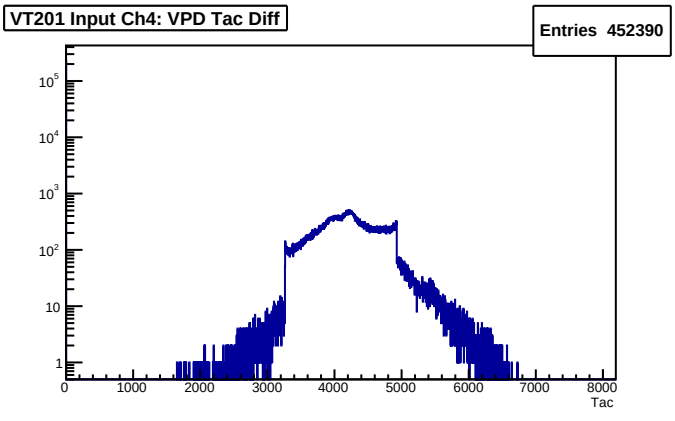

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

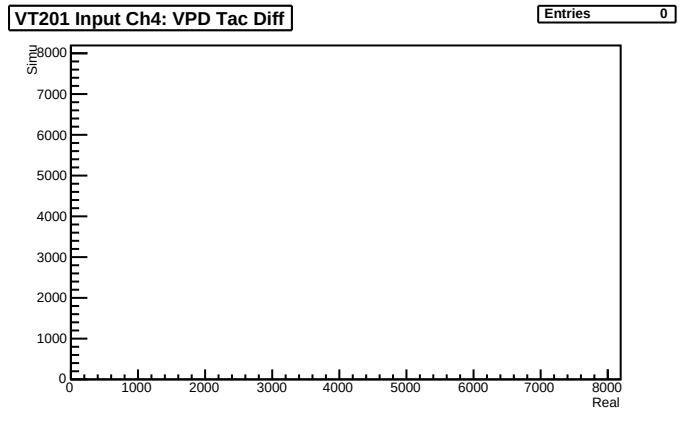

VT201 Input Ch2: ZDC Tac Diff
Entries 452390
Tac

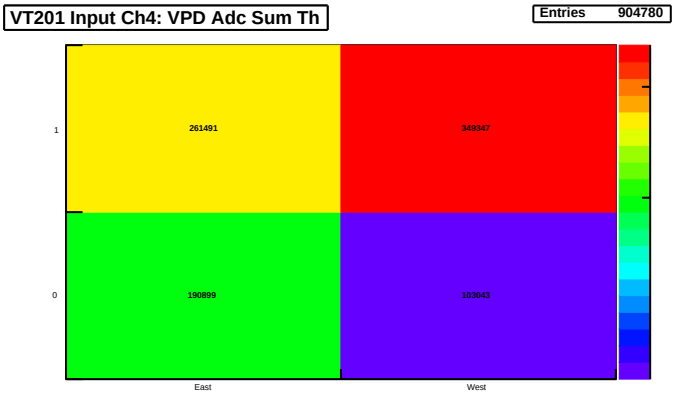

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

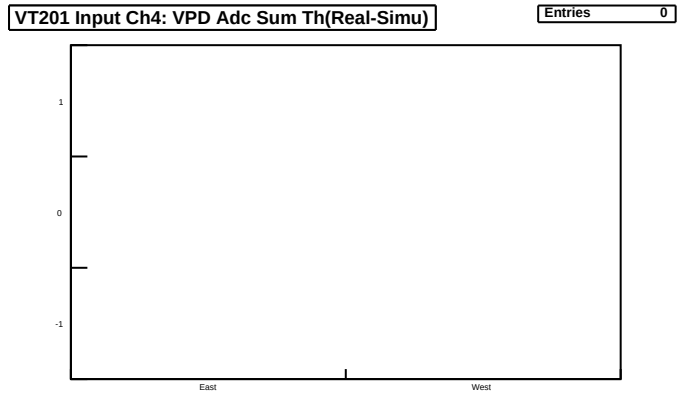

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3619120
9902
2638
16
11
9552
3969
56
48
442488
449752
452374
452379
442838
448421
452334
452342
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

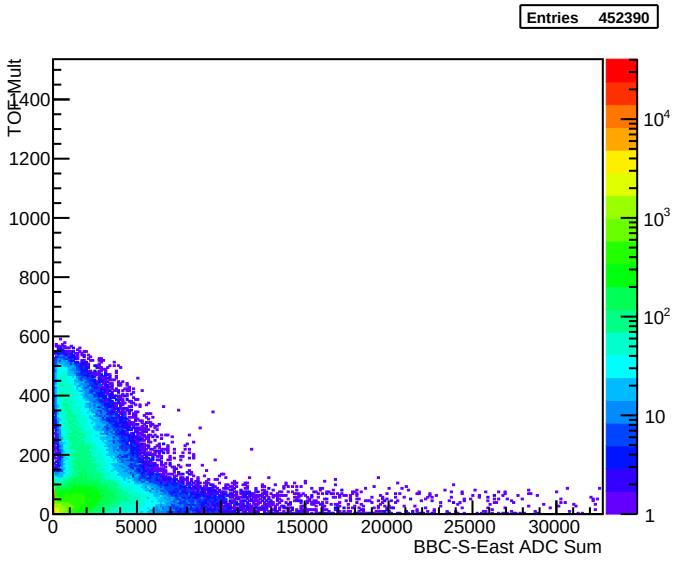

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

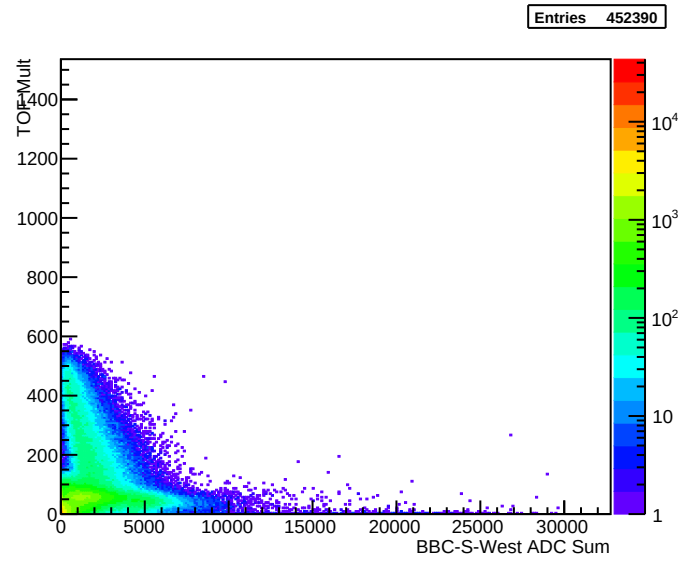

VT201 Input Ch4: VPD Tac Diff
Entries 452390
Tac

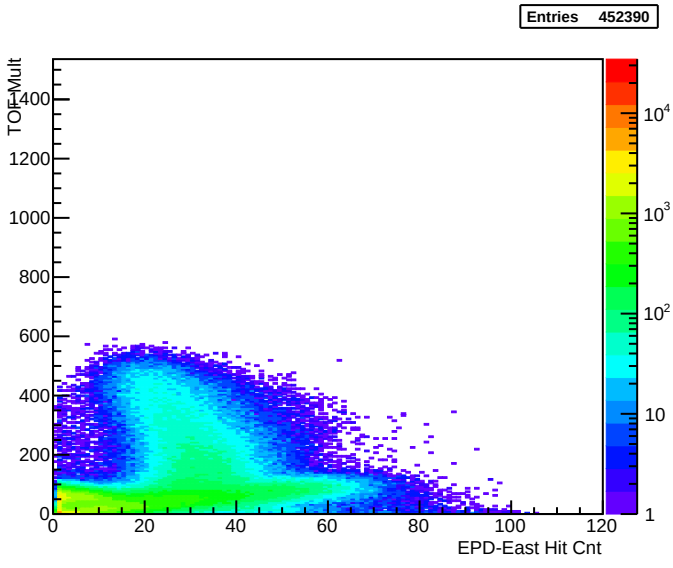

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

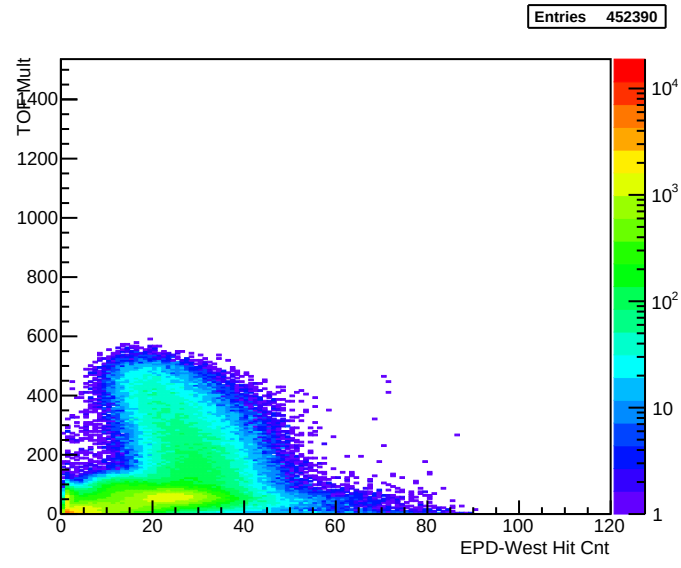

VT201 Input Ch4: VPD Adc Sum Th
Entries 904780
261491
349347
190899
103043
East
West

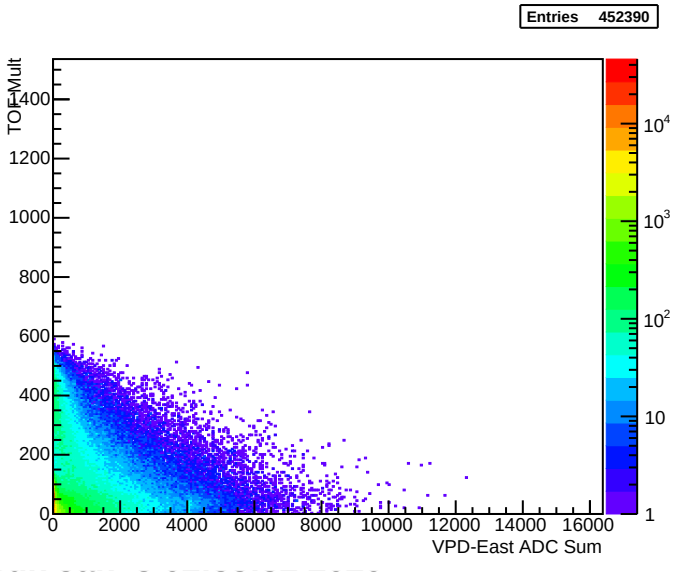

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

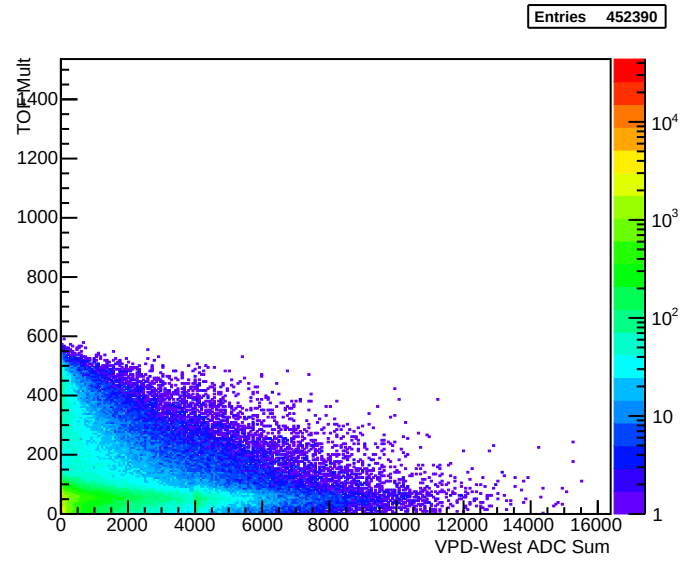

Entries 452390
TOF-Mult
BBC-S-East ADC Sum

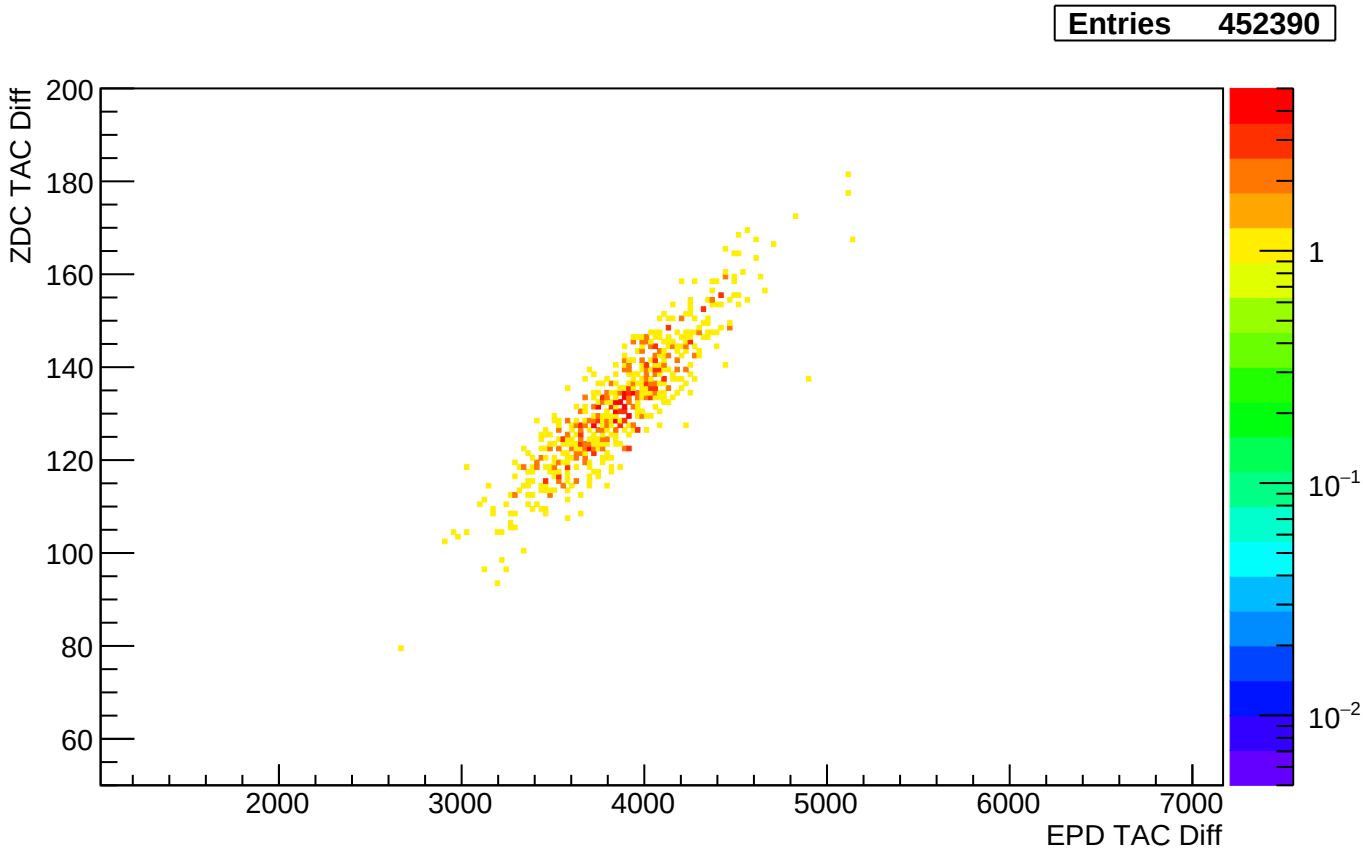

Entries 452390
TOF-Mult
BBC-S-West ADC Sum

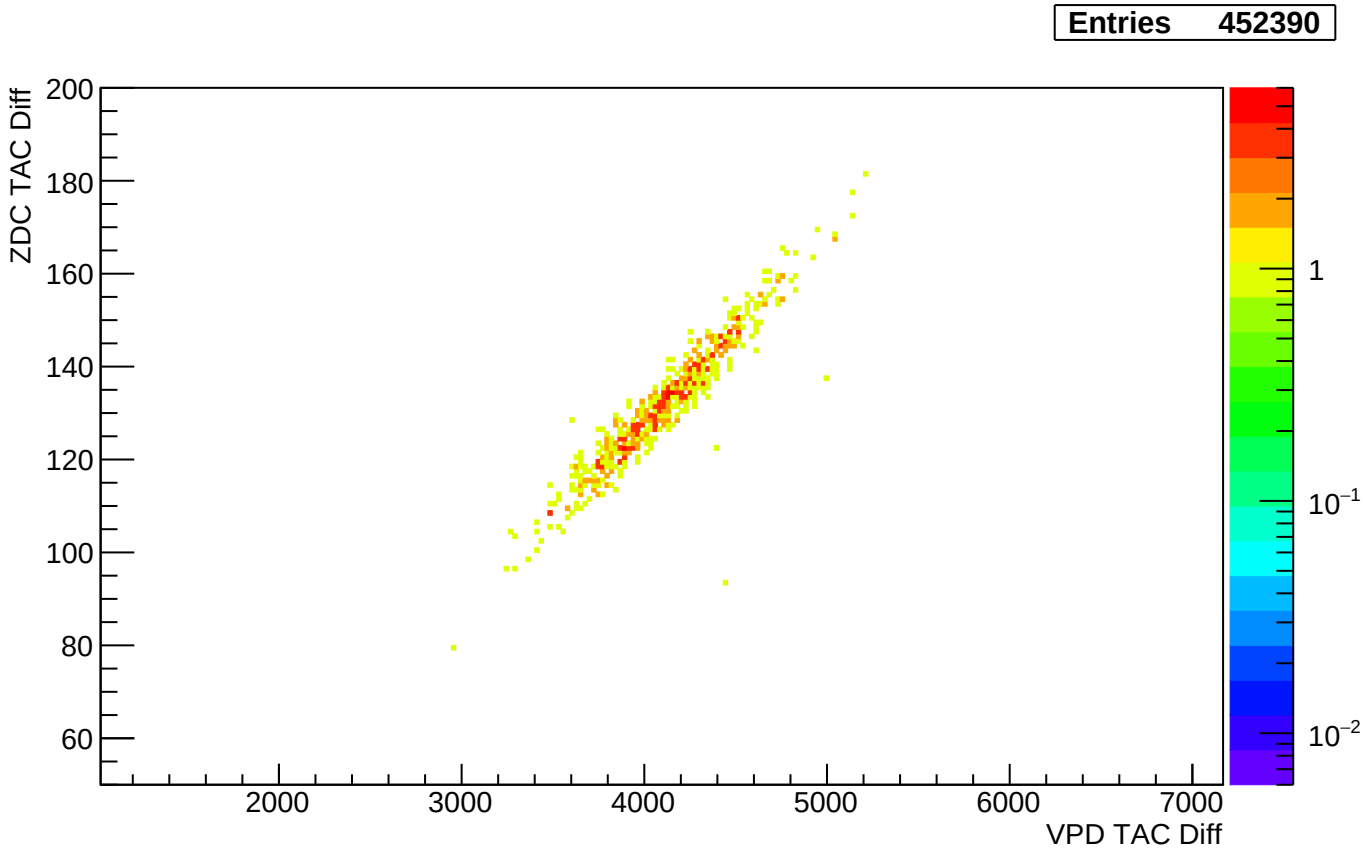

Entries 452390
TOF-Mult
EPD-East Hit Cnt

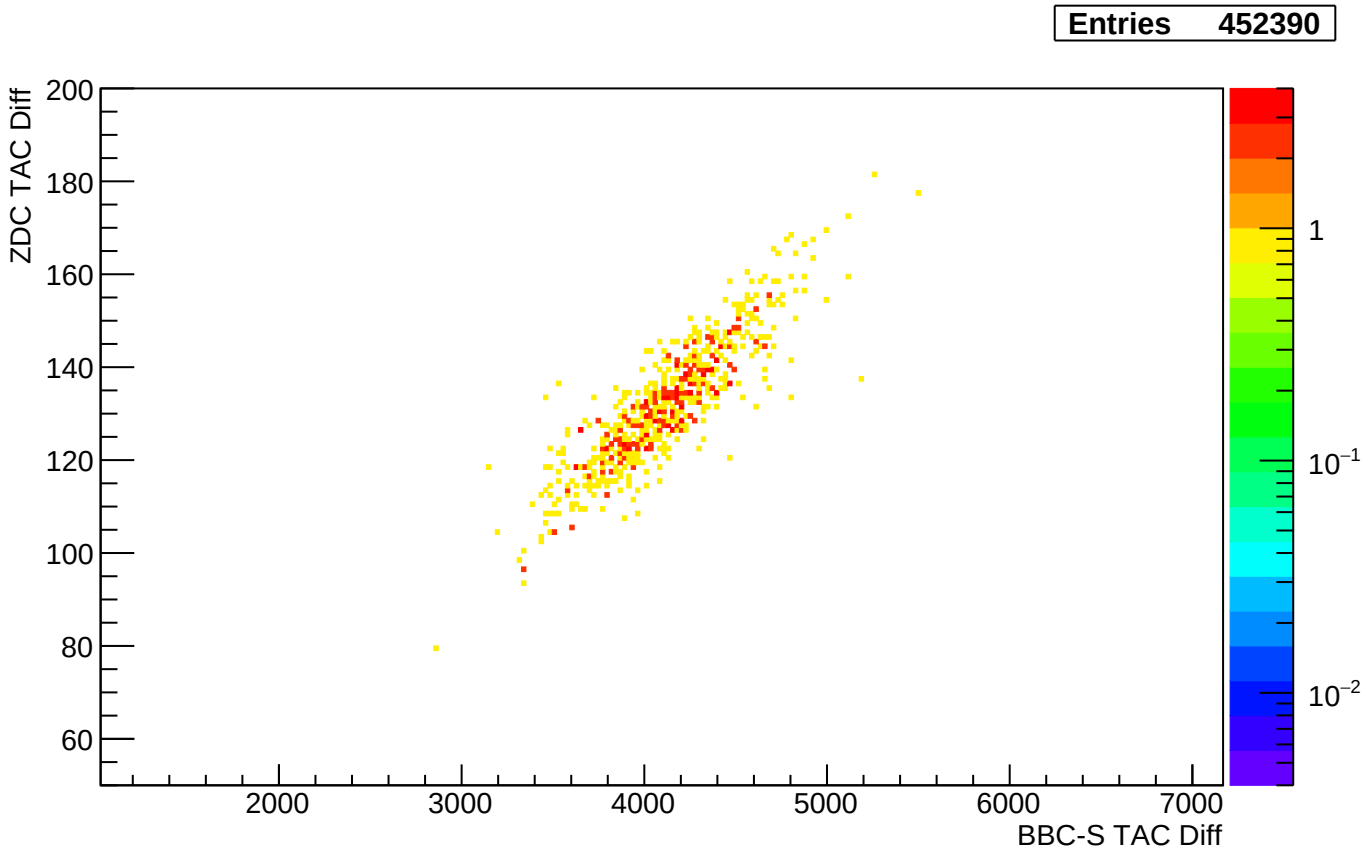

Entries 452390
TOF-Mult
EPD-West Hit Cnt

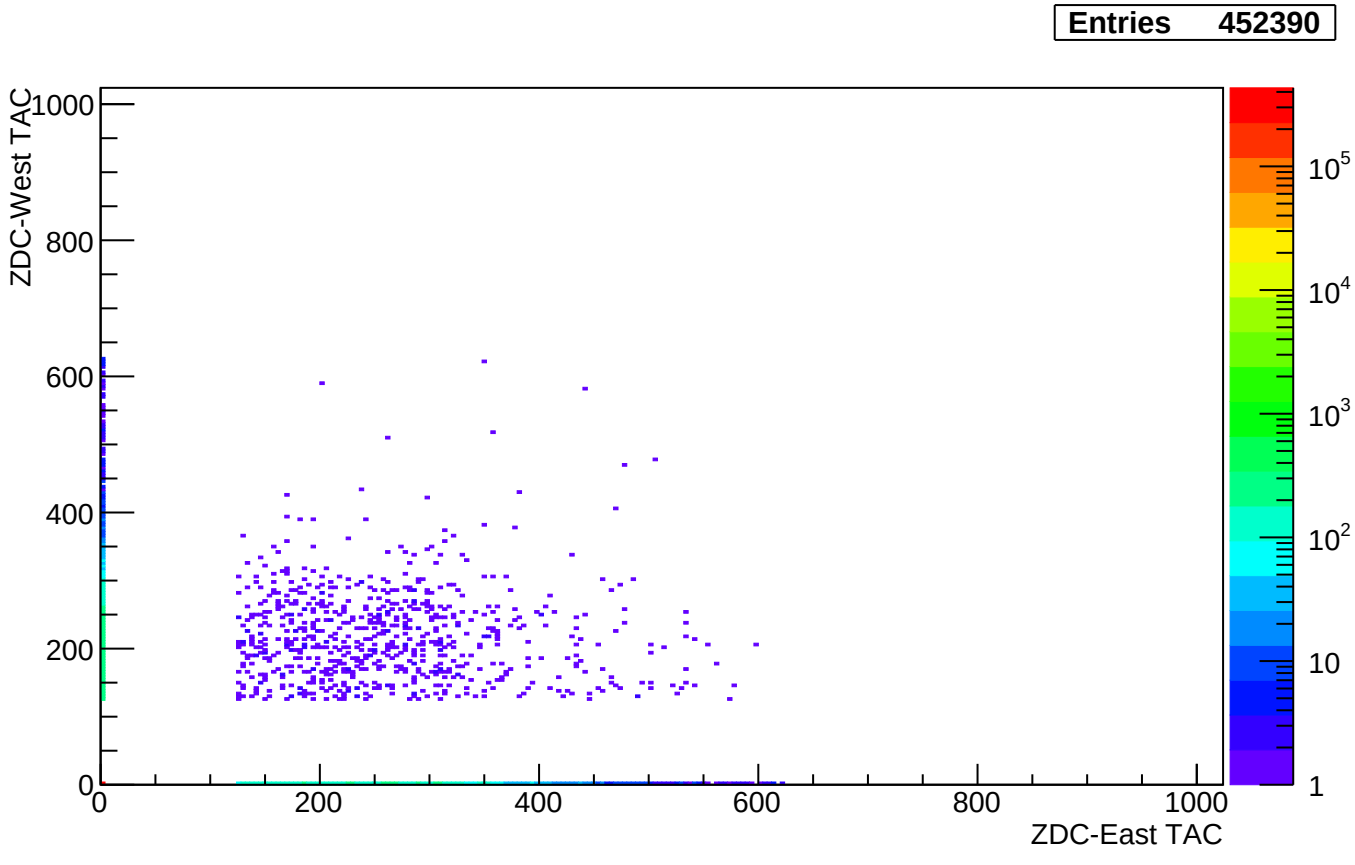

Entries 452390
TOF-Mult
VPD-East ADC Sum

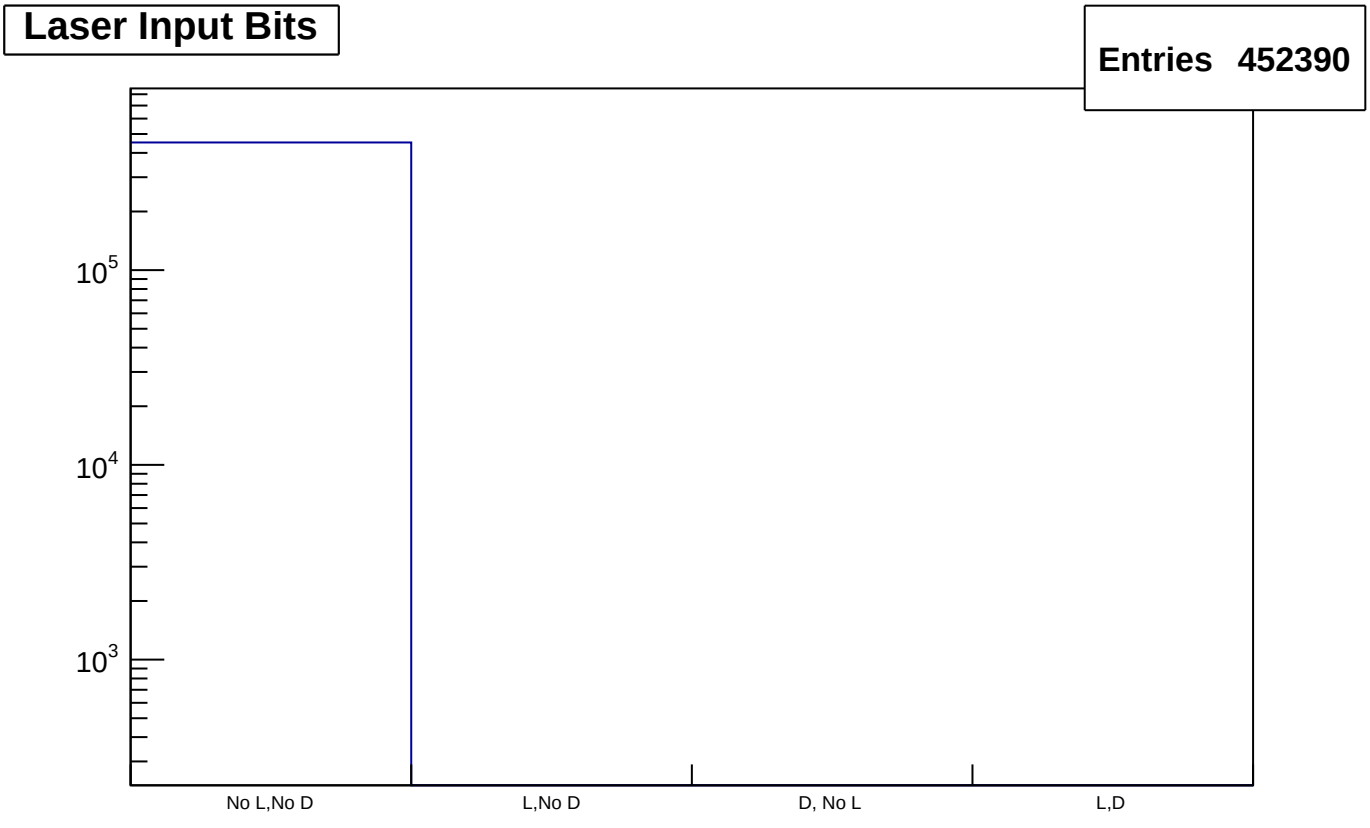

Entries 452390
TOF-Mult
VPD-West ADC Sum

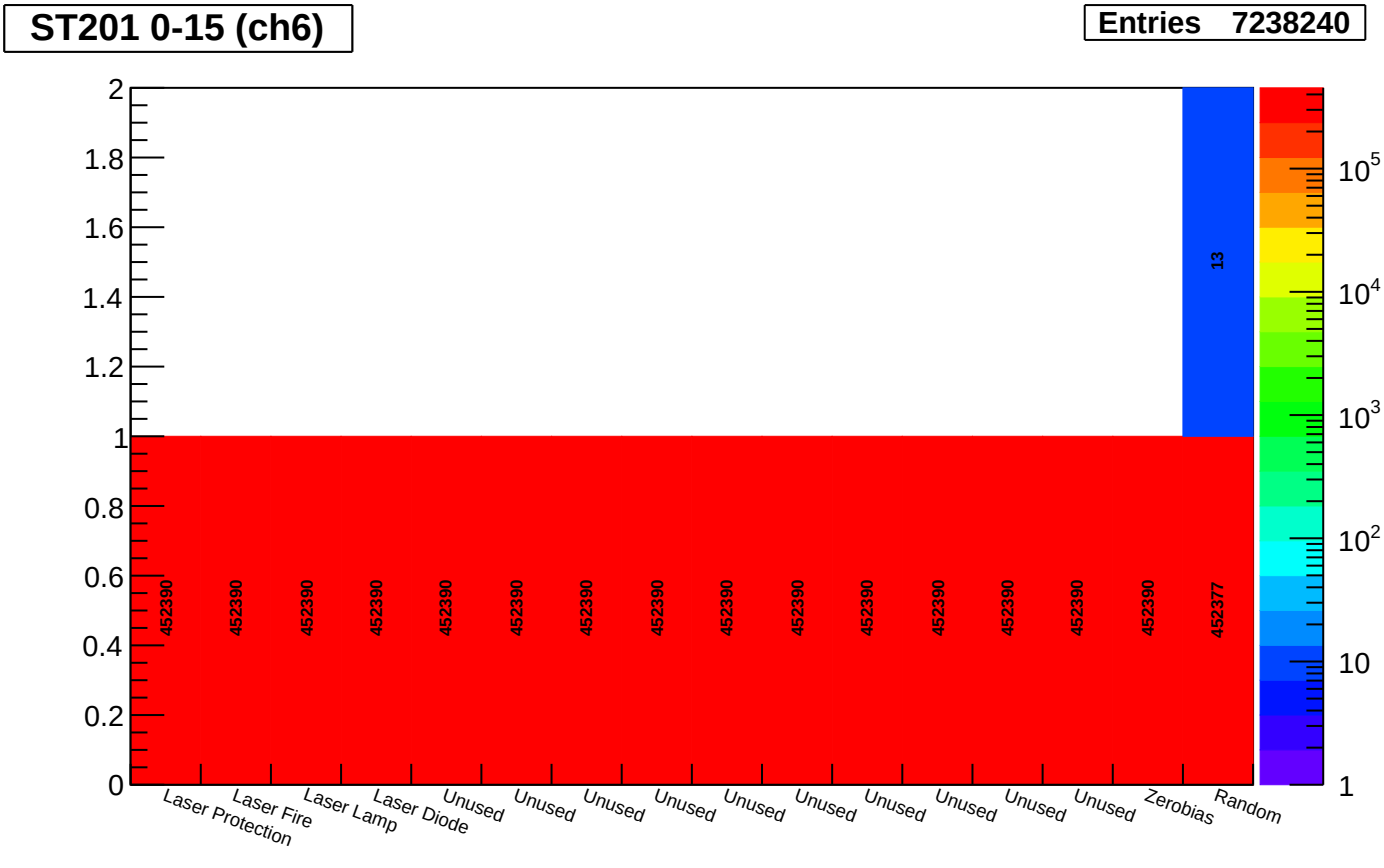

Entries 452390
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

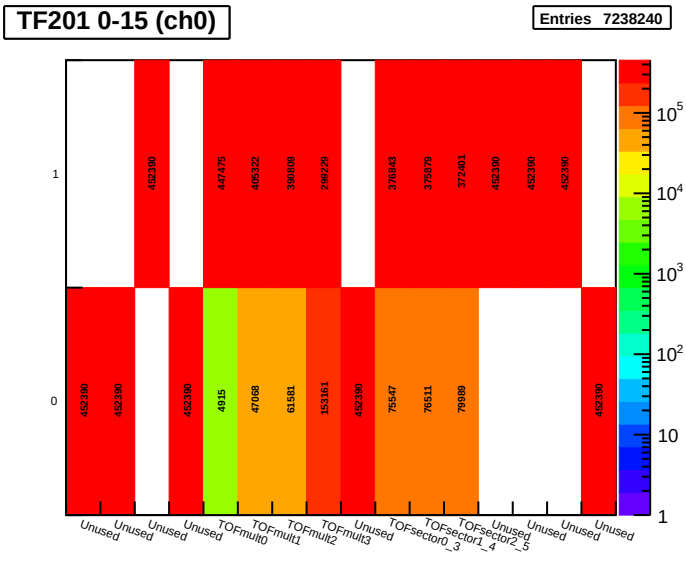

Entries 452390
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

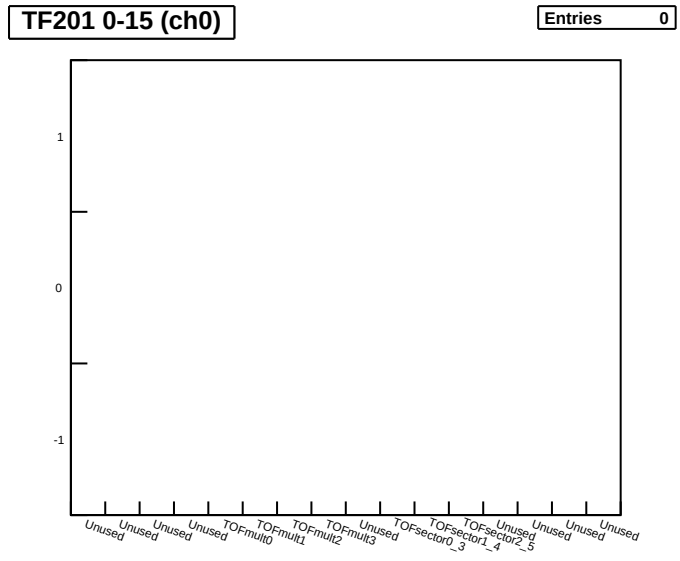

Entries 452390
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

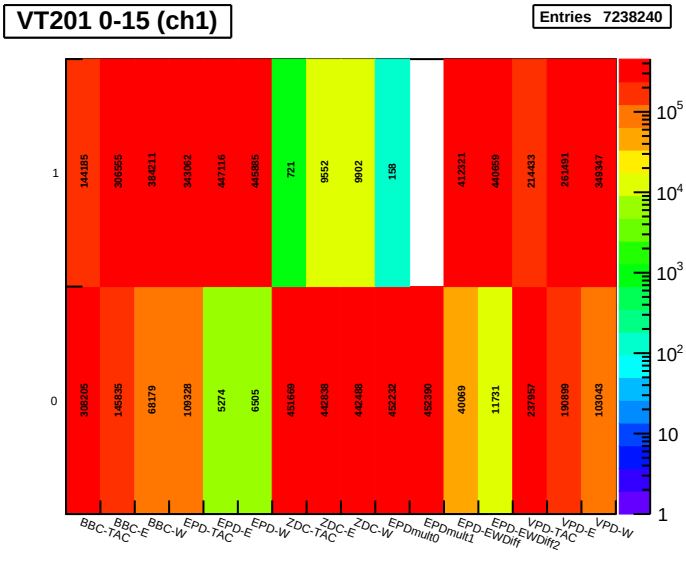

Entries 452390
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

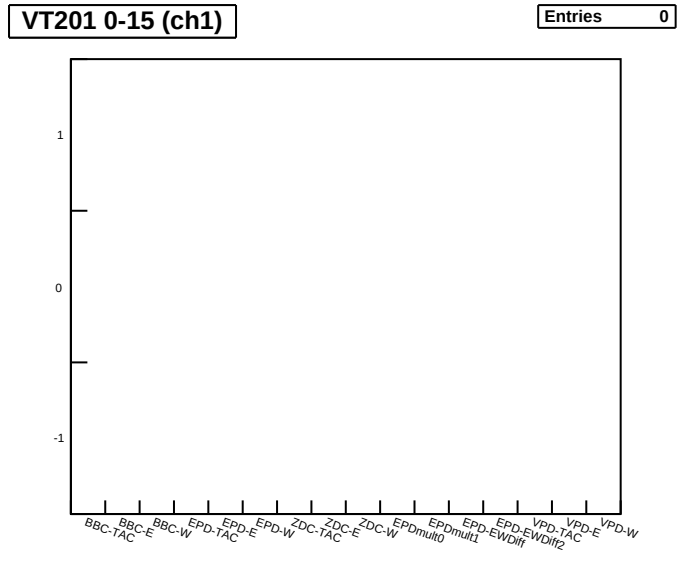

Laser Input Bits
Entries 452390
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

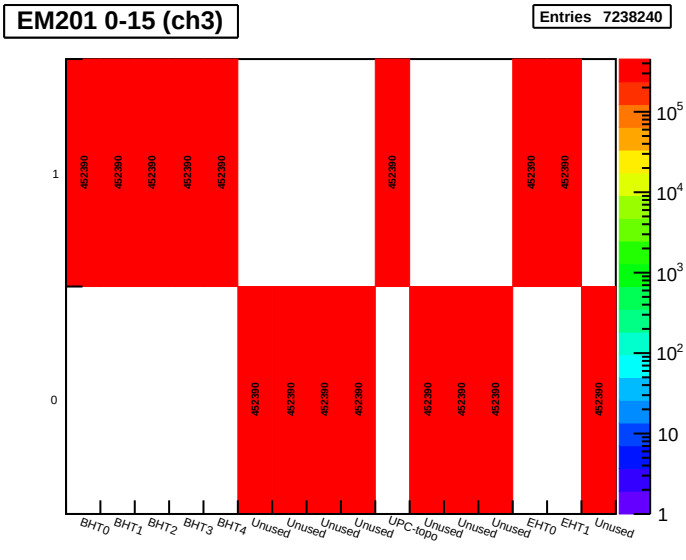

ST201 0-15 (ch6)
Entries 7238240
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
452390
452377
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

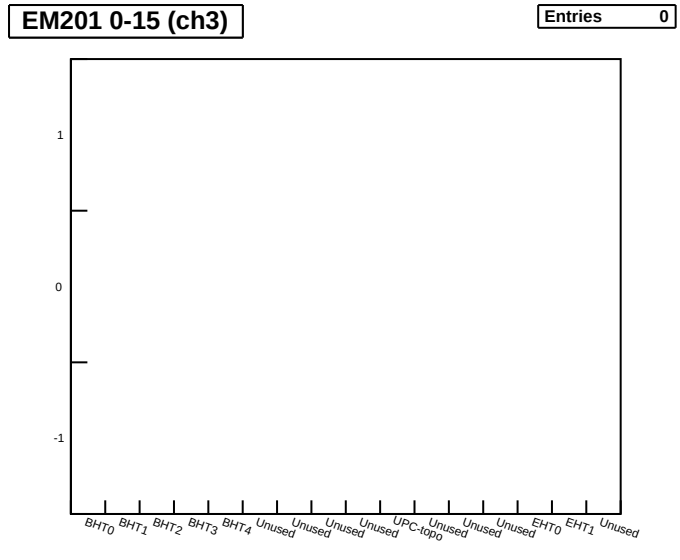

TF201 0-15 (ch0)
Entries 7238240
1
0
452390 447475 405322 390809 299229 376843 375979 372401 452390 452390 452390
452390 452390 452390 4915 47068 61581 153161 452390 75547 76511 79989 452390
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 7238240
1
0
144185 306555 384211 343062 447116 445885 721 9552 9902 158 412321 440659 214433 261491 349347
308205 145835 68179 109328 5274 6505 451669 442838 442488 452232 452390 40069 11731 237957 190899 103043
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 7238240
1
0
452390 452390 452390 452390 452390 452390 452390 452390
452390 452390 452390 452390 452390 452390 452390 452390
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