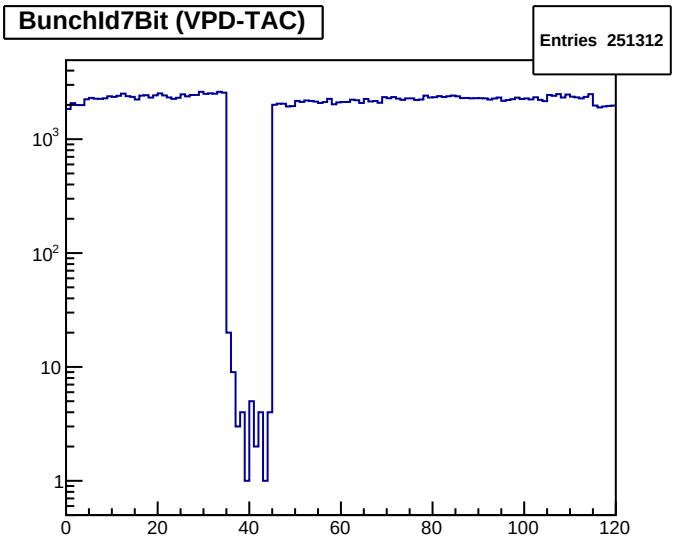
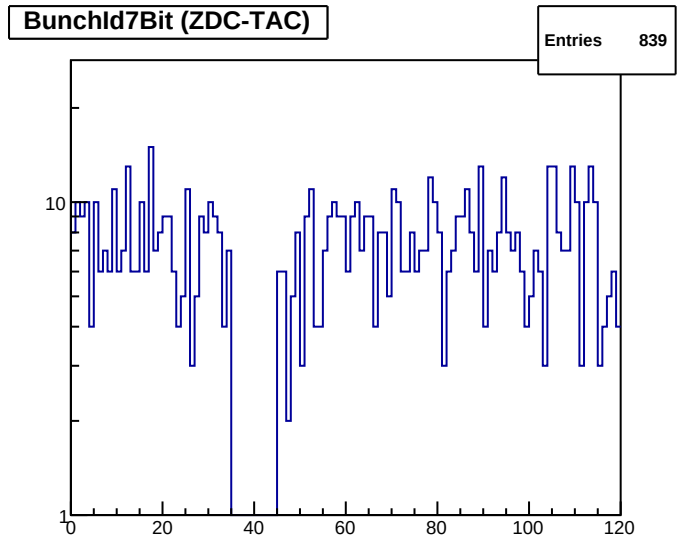
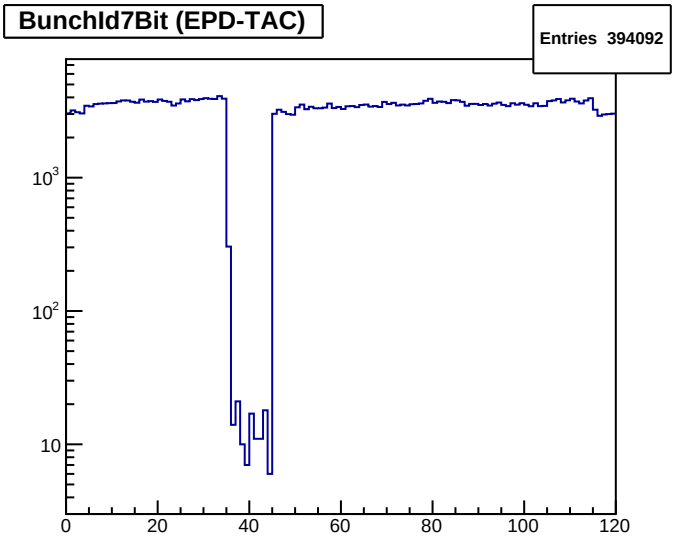
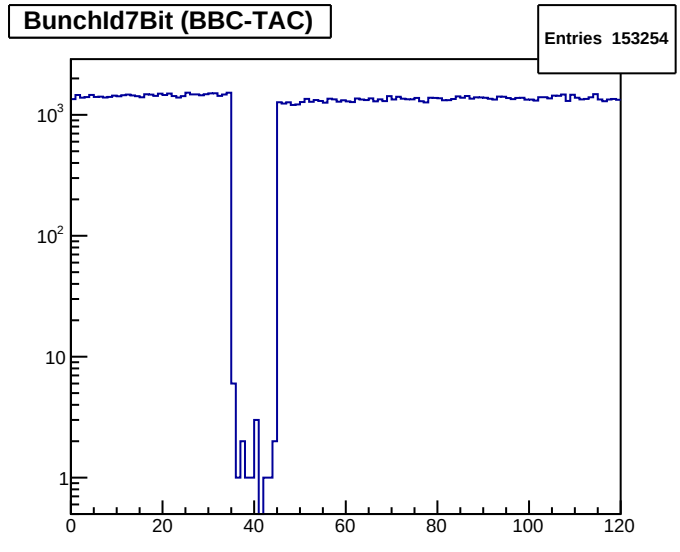
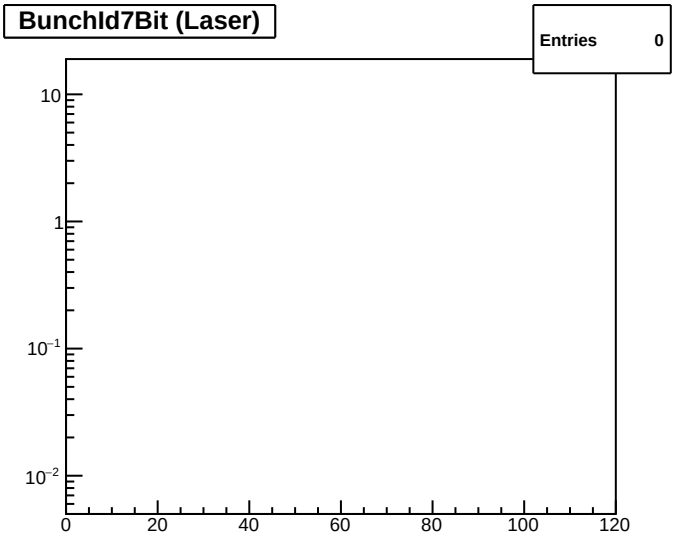
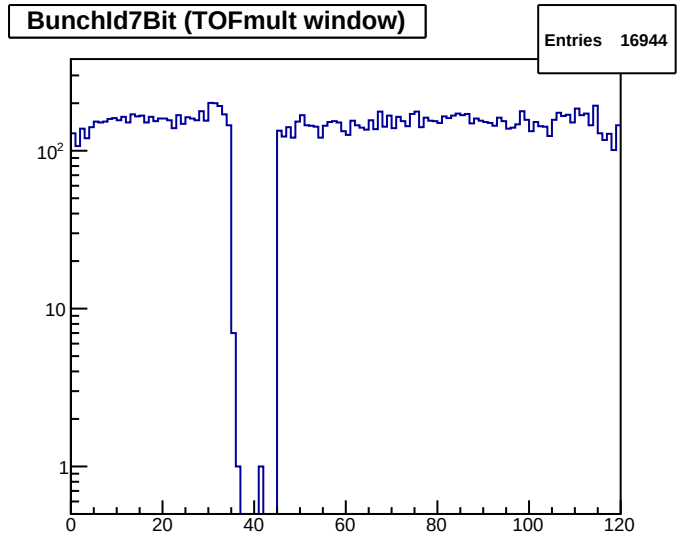

BunchId7Bit (VPD-TAC)
Entries 251312

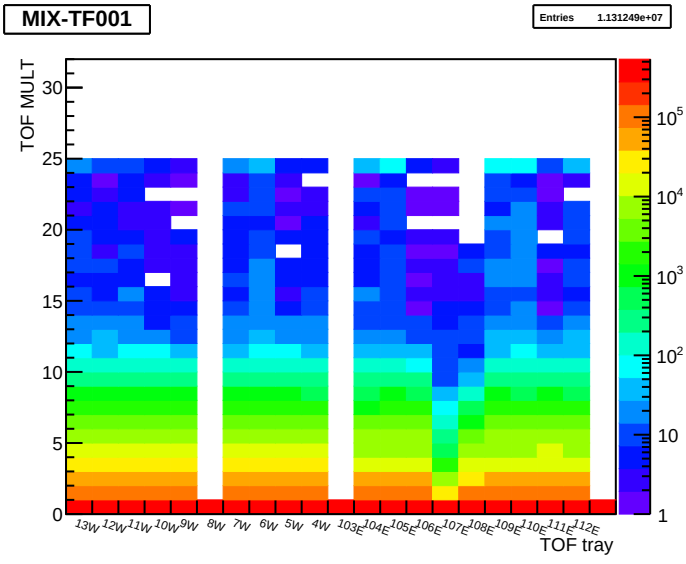

BunchId7Bit (ZDC-TAC)
Entries 839

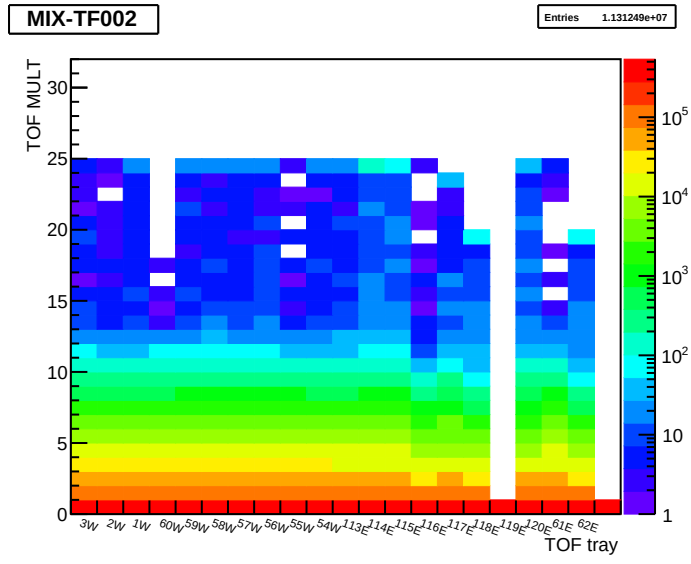

BunchId7Bit (EPD-TAC)
Entries 394092

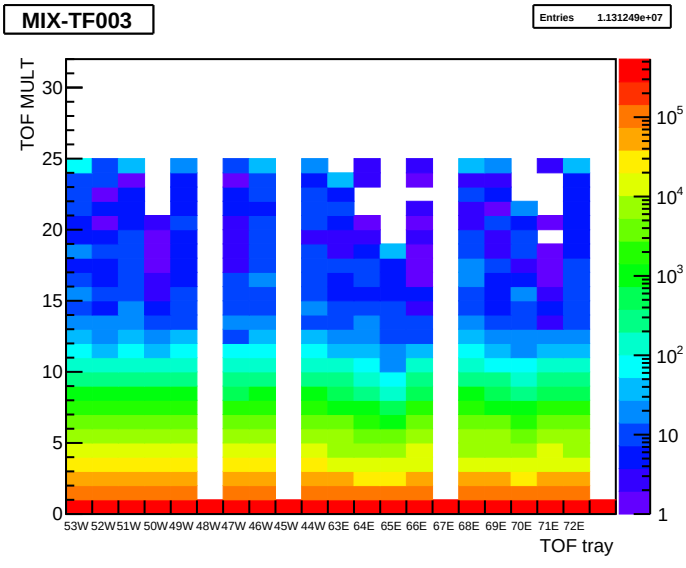

BunchId7Bit (BBC-TAC)
Entries 153254

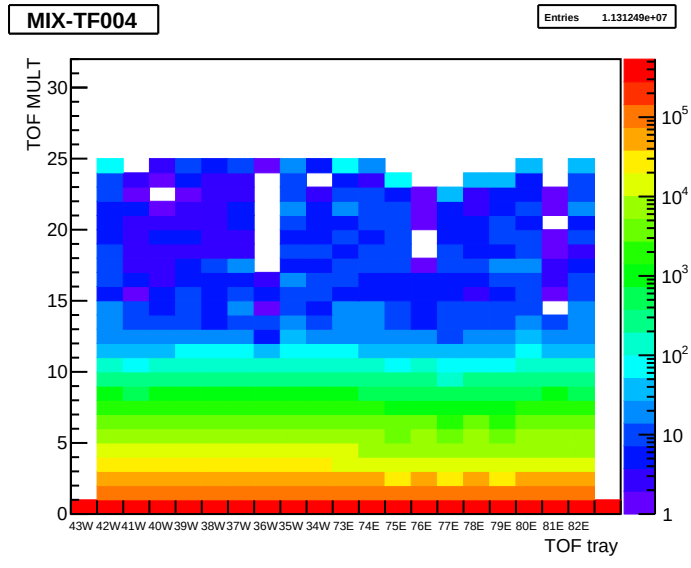

BunchId7Bit (Laser)
Entries 0

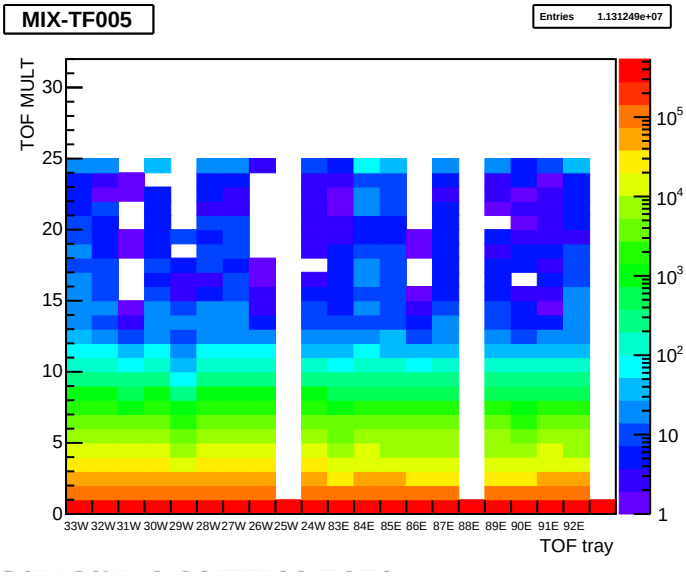

BunchId7Bit (TOFmult window)
Entries 16944

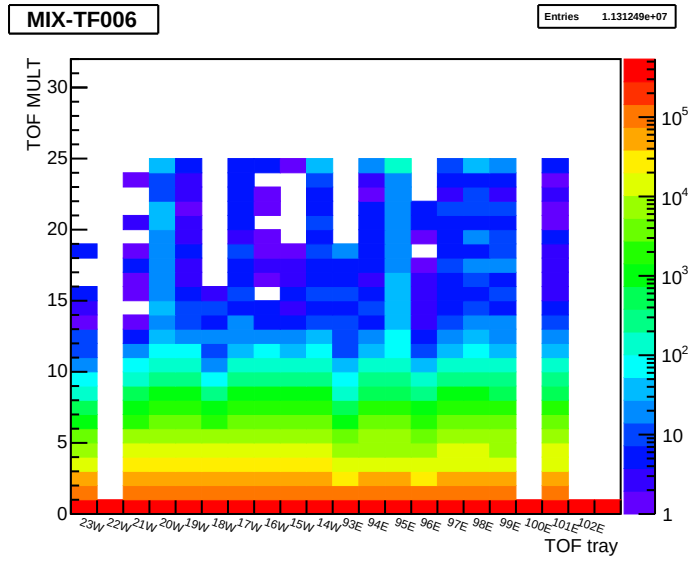

MIX-TF001
Entries 1.131249e+07
TOF MULT
TOF tray

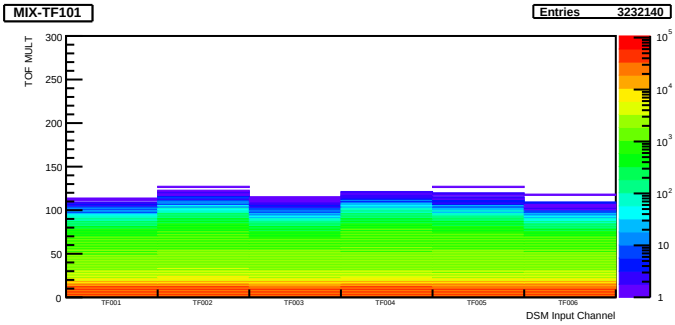

MIX-TF002
Entries 1.131249e+07
TOF MULT
TOF tray

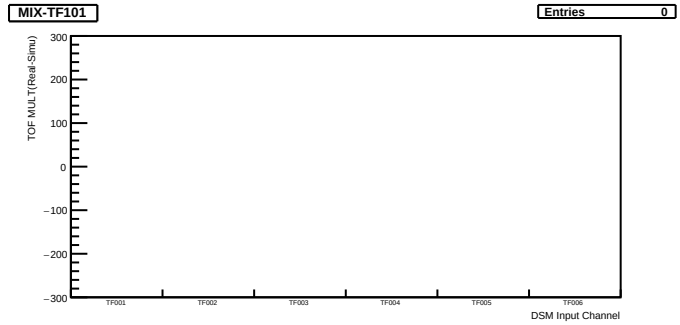

MIX-TF003
Entries 1.131249e+07
TOF MULT
TOF tray

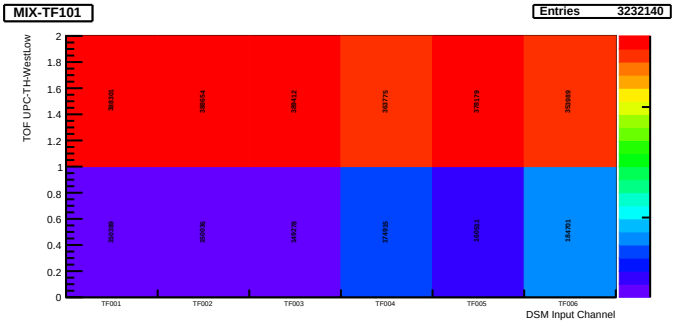

MIX-TF004
Entries 1.131249e+07
TOF MULT
TOF tray

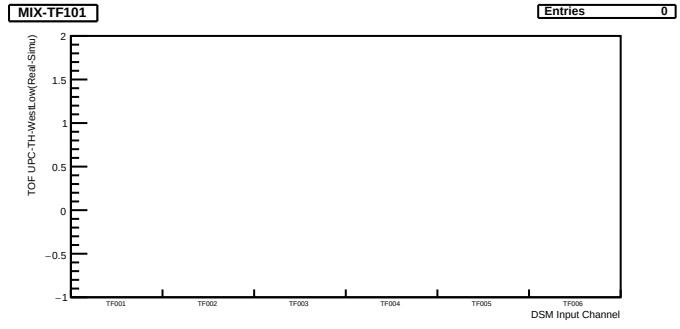

MIX-TF005
Entries 1.131249e+07
TOF MULT
TOF tray

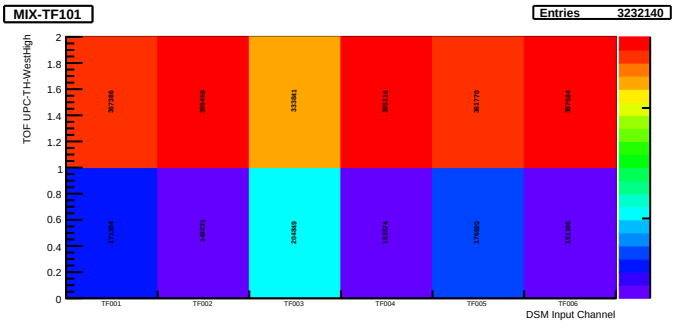

MIX-TF006
Entries 1.131249e+07
TOF MULT
TOF tray

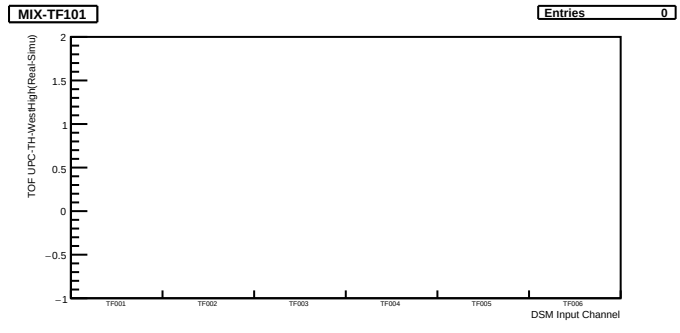

MIX-TF101
Entries 3232140
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

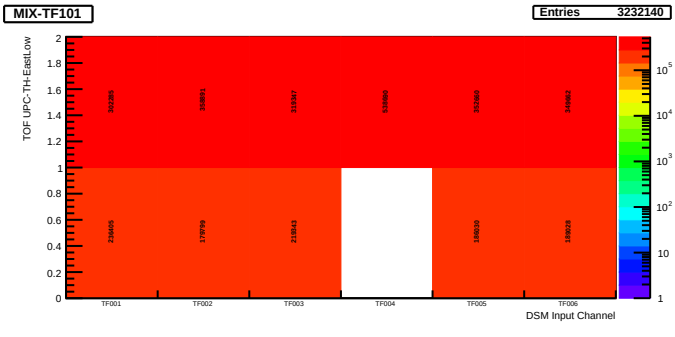

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

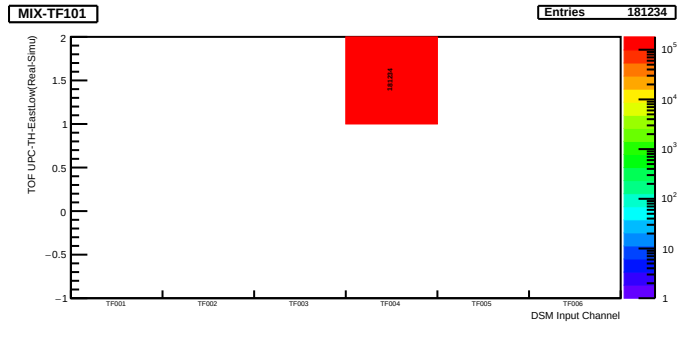

MIX-TF101
Entries 3232140
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

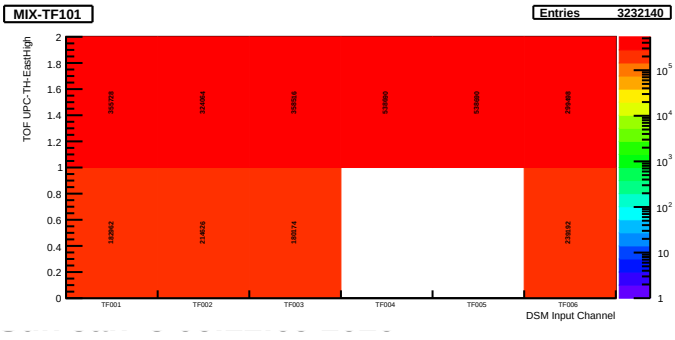

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

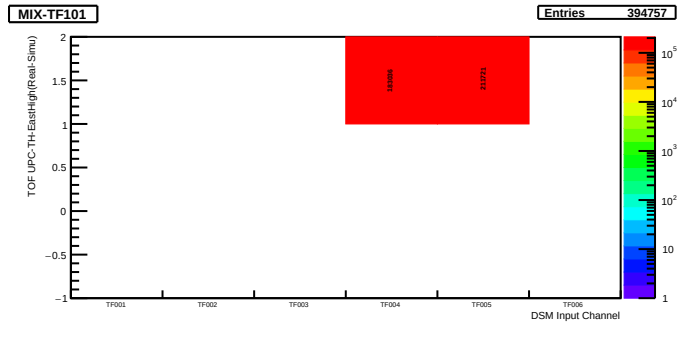

MIX-TF101
Entries 3232140
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

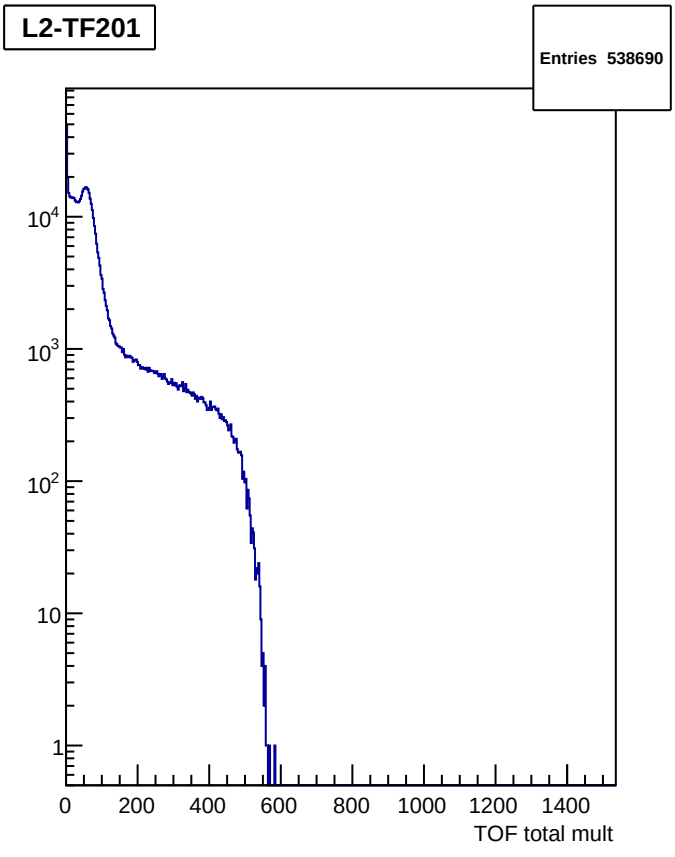

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

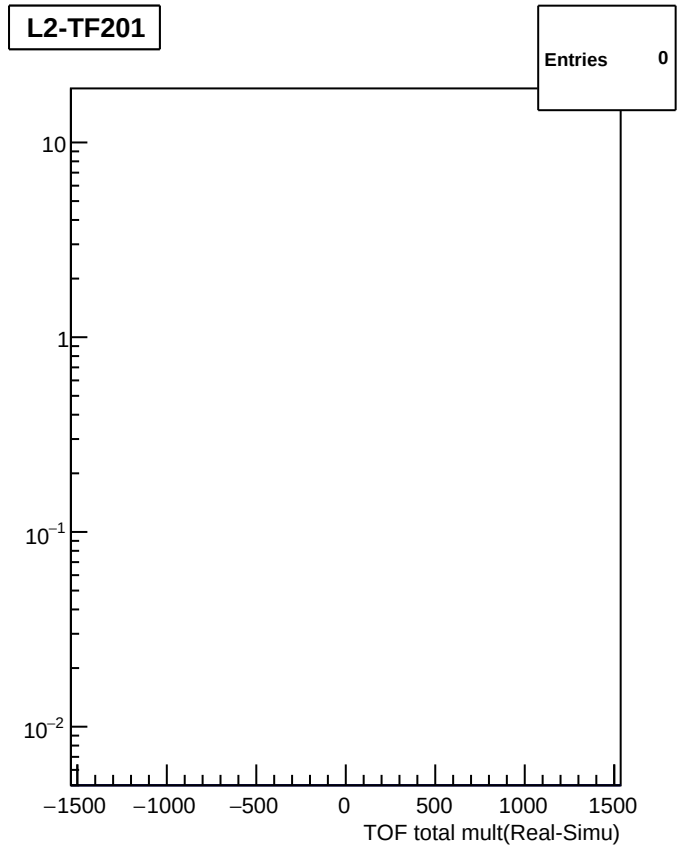

MIX-TF101
Entries 3232140
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

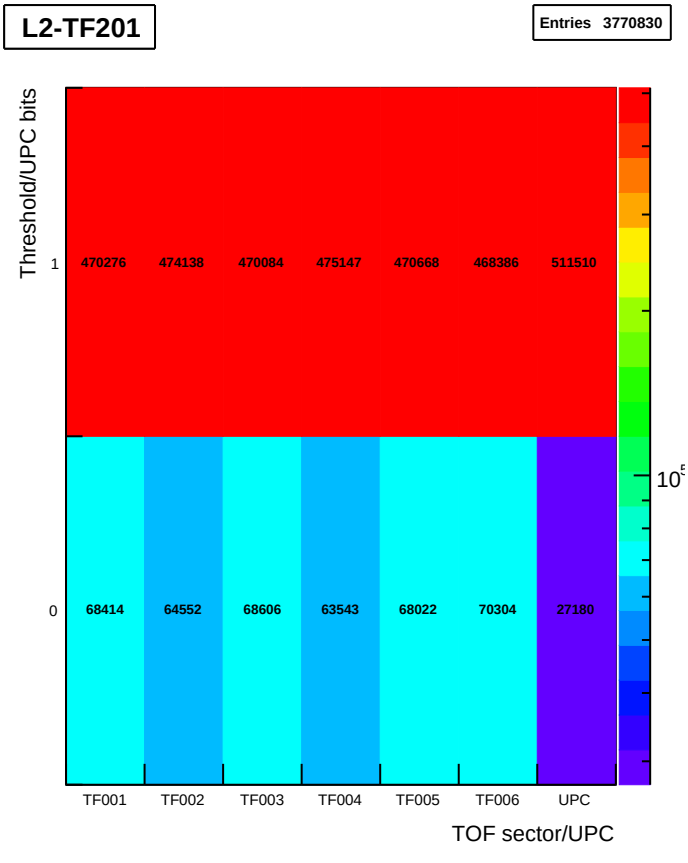

MIX-TF101
Entries 181234
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

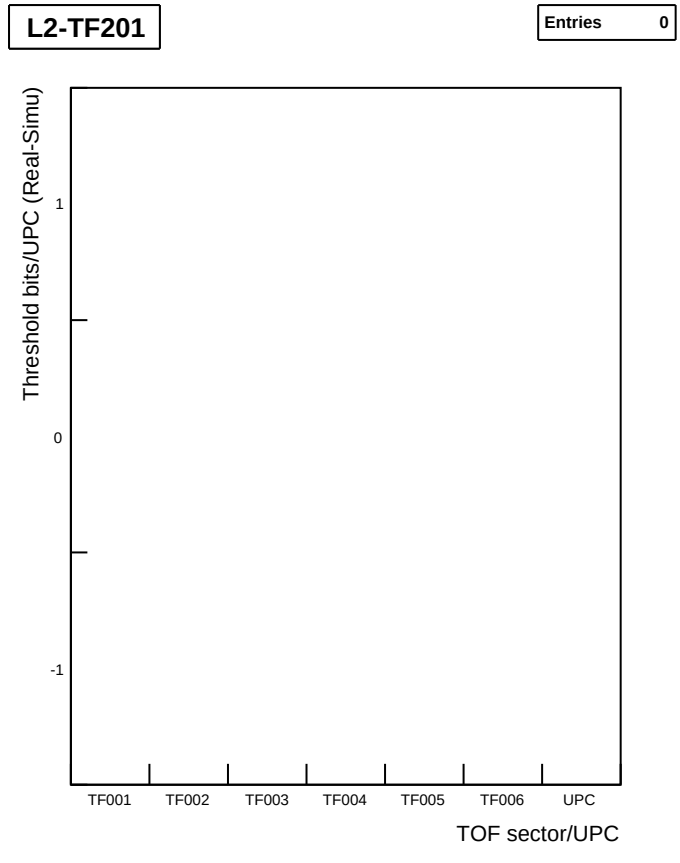

MIX-TF101
Entries 3232140
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

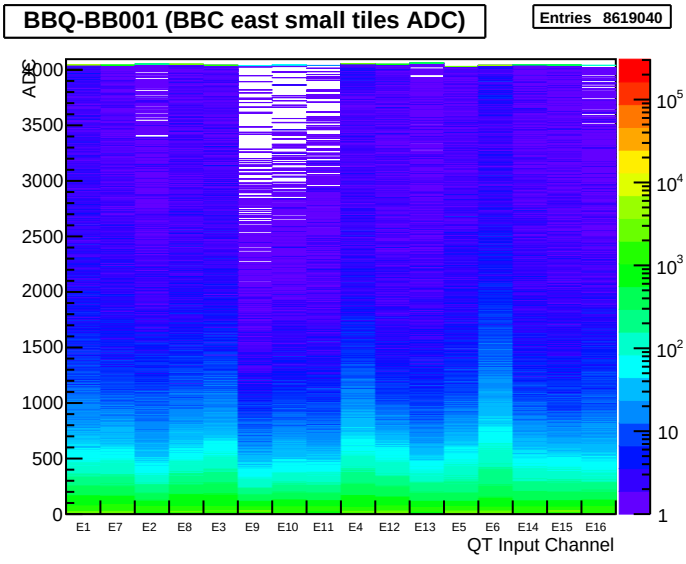

MIX-TF101
Entries 394757
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

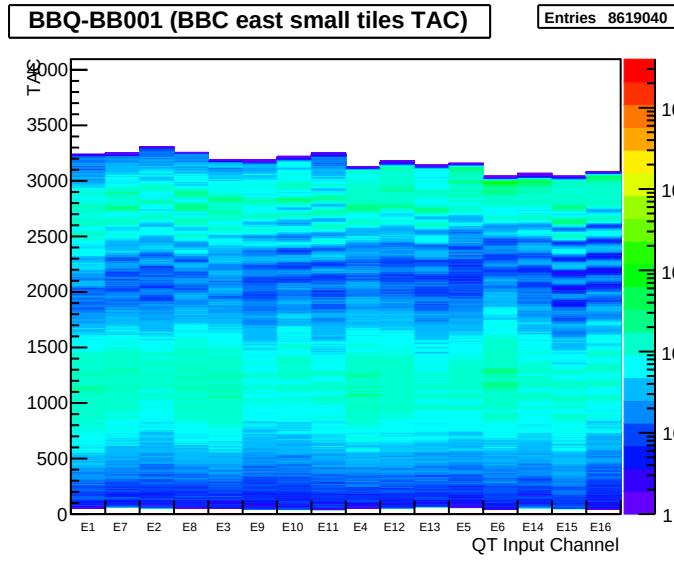

L2-TF201
Entries 538690
TOF total mult

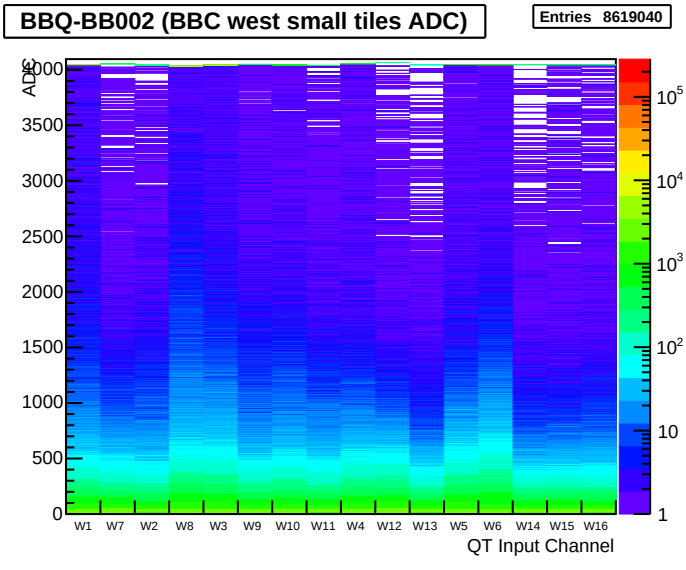

L2-TF201
Entries 0
TOF total mult(Real-Simu)

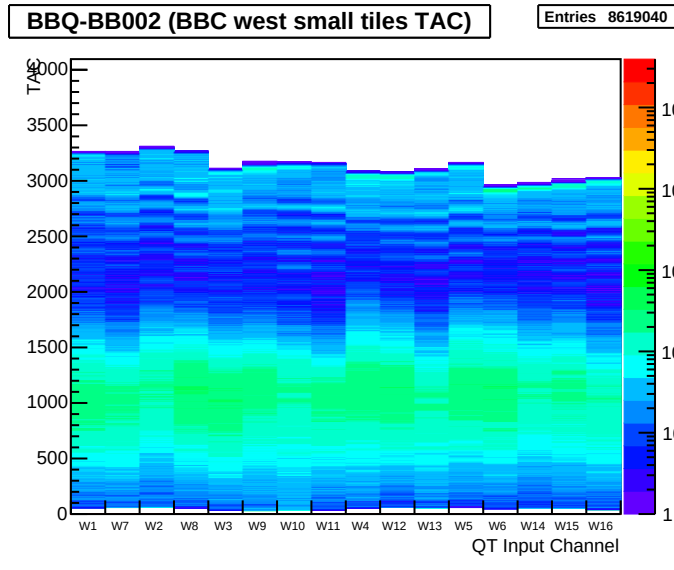

L2-TF201
Entries 3770830
Threshold/UPC bits
470276
474138
470084
475147
470668
468386
511510
68414
64552
68606
63543
68022
70304
27180
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

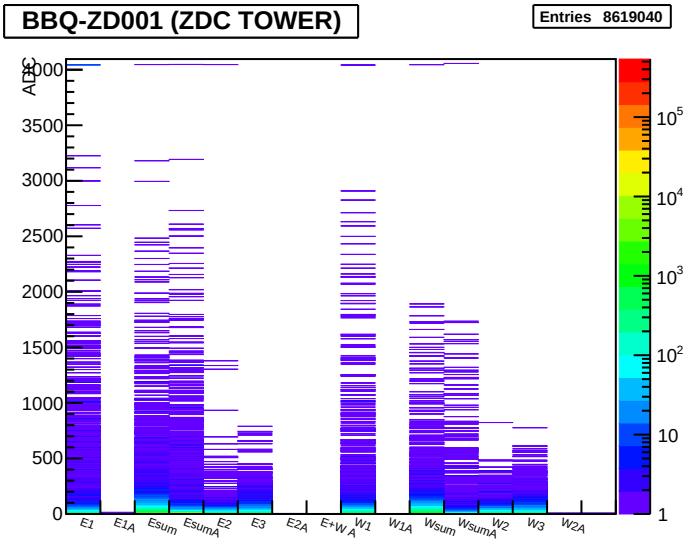

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

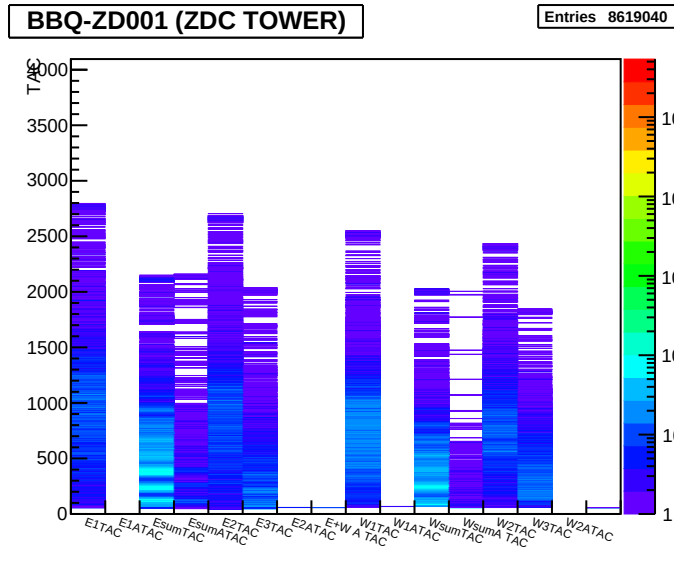

BBQ-BB001 (BBC east small tiles ADC)
Entries 8619040
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

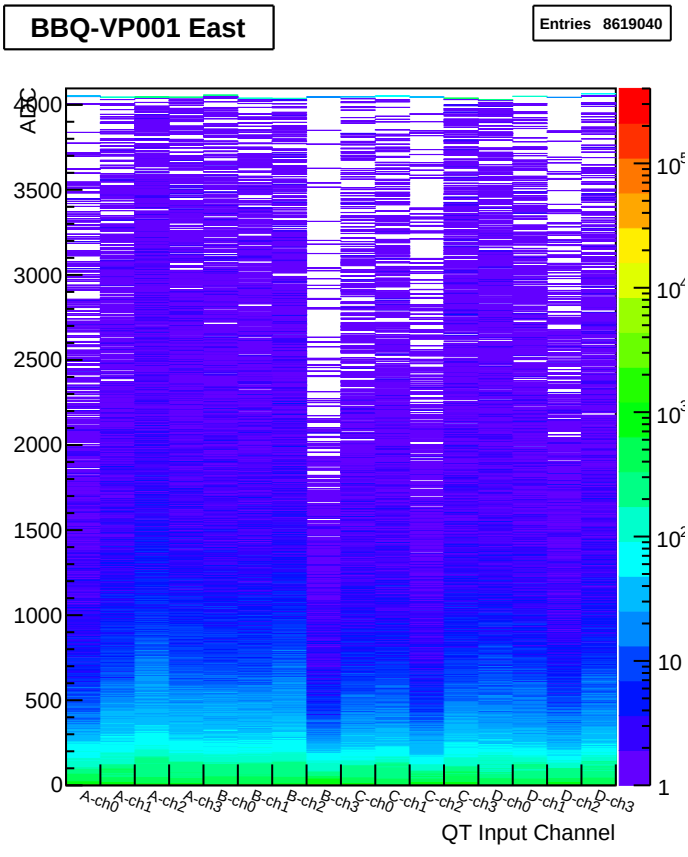

BBQ-BB001 (BBC east small tiles TAC)
Entries 8619040
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

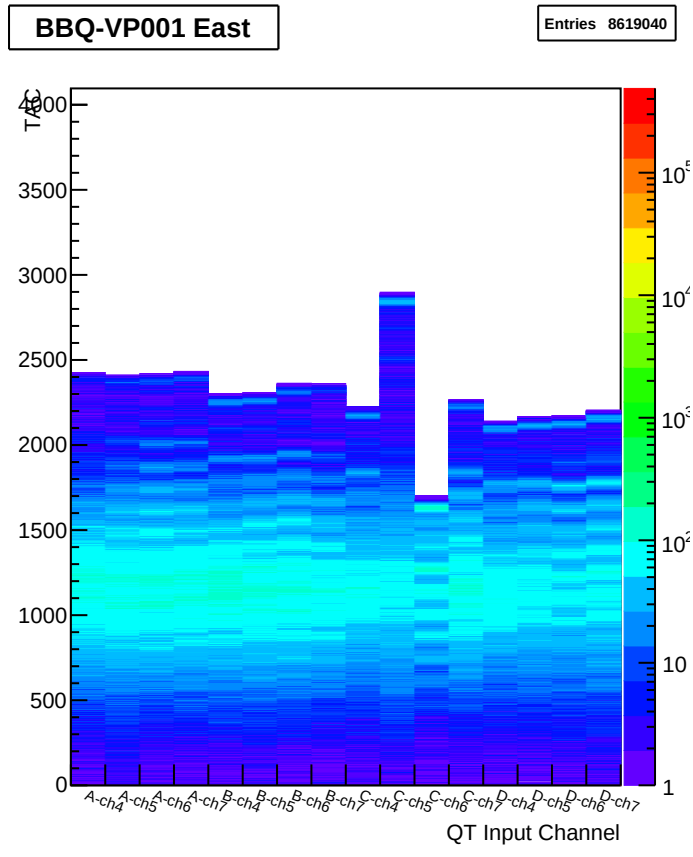

BBQ-BB002 (BBC west small tiles ADC)
Entries 8619040
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

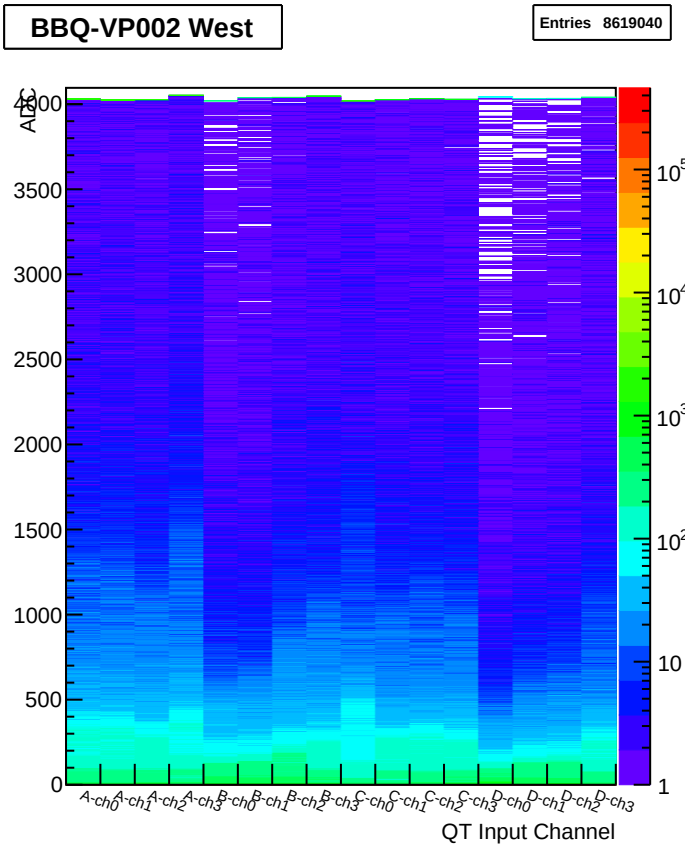

BBQ-BB002 (BBC west small tiles TAC)
Entries 8619040
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

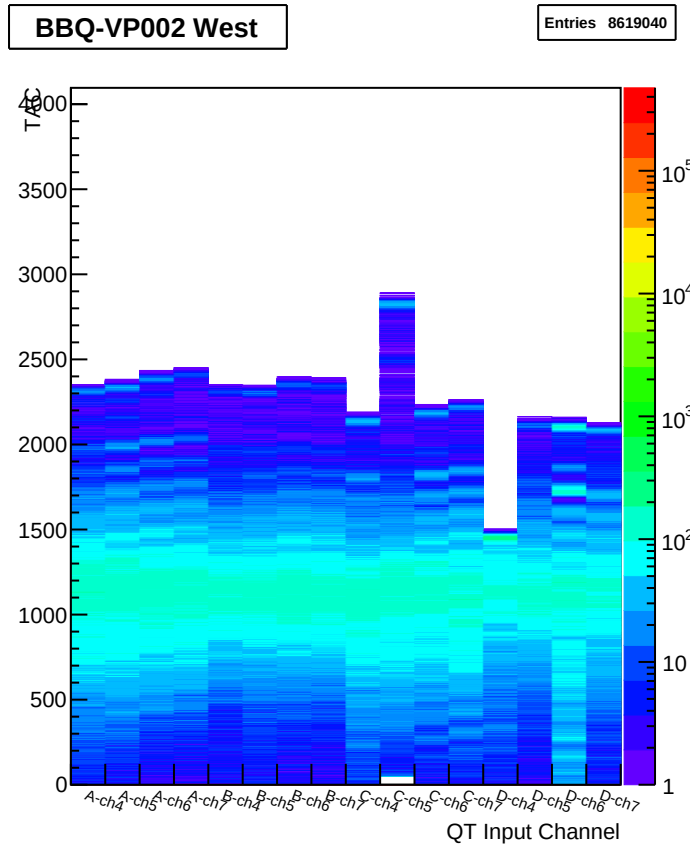

BBQ-ZD001 (ZDC TOWER)
Entries 8619040
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

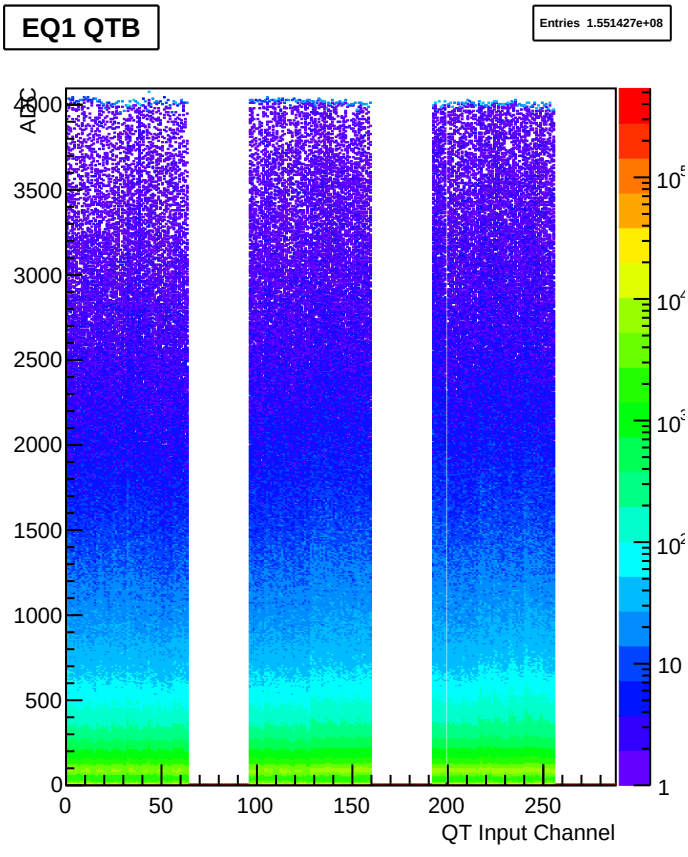

BBQ-ZD001 (ZDC TOWER)
Entries 8619040
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

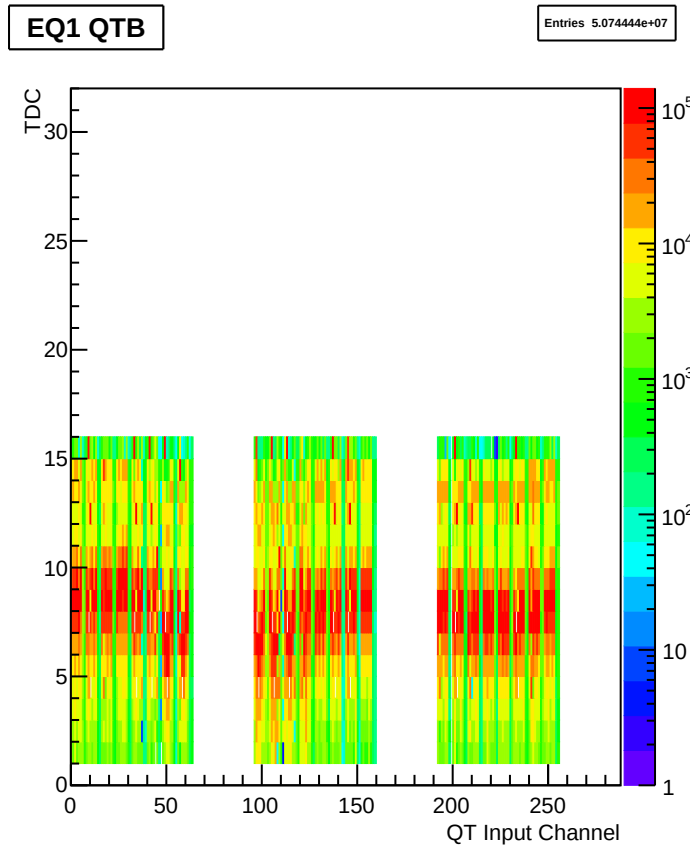

BBQ-VP001 East
Entries 8619040
ADC
QT Input Channel

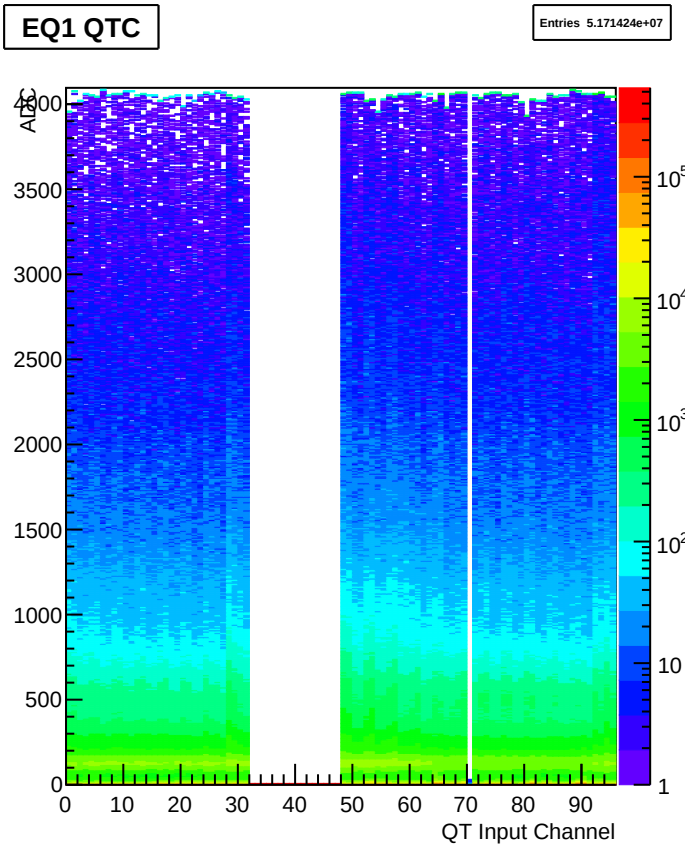

BBQ-VP001 East
Entries 8619040
ADC
QT Input Channel

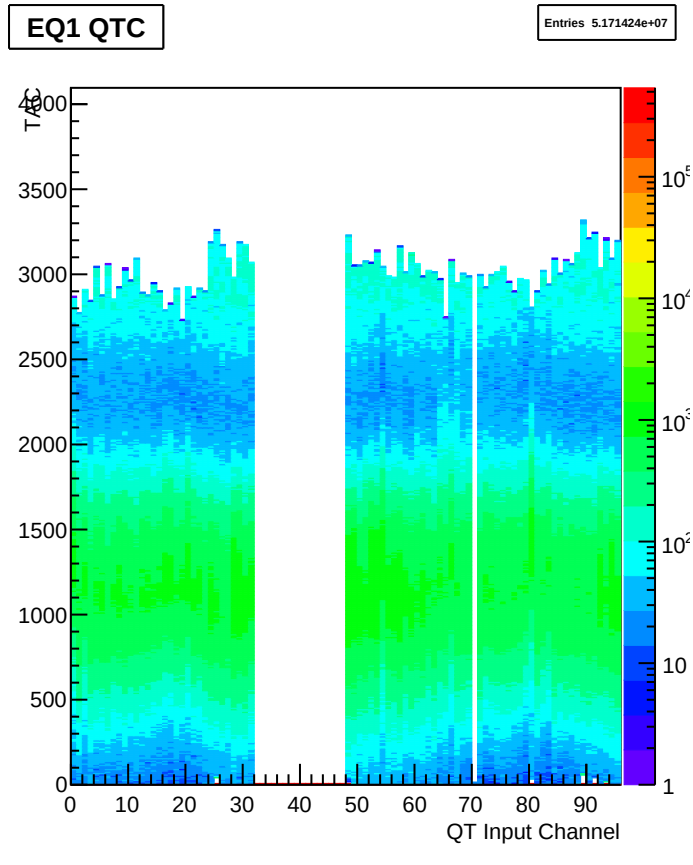

BBQ-VP002 West
Entries 8619040
ADC
QT Input Channel

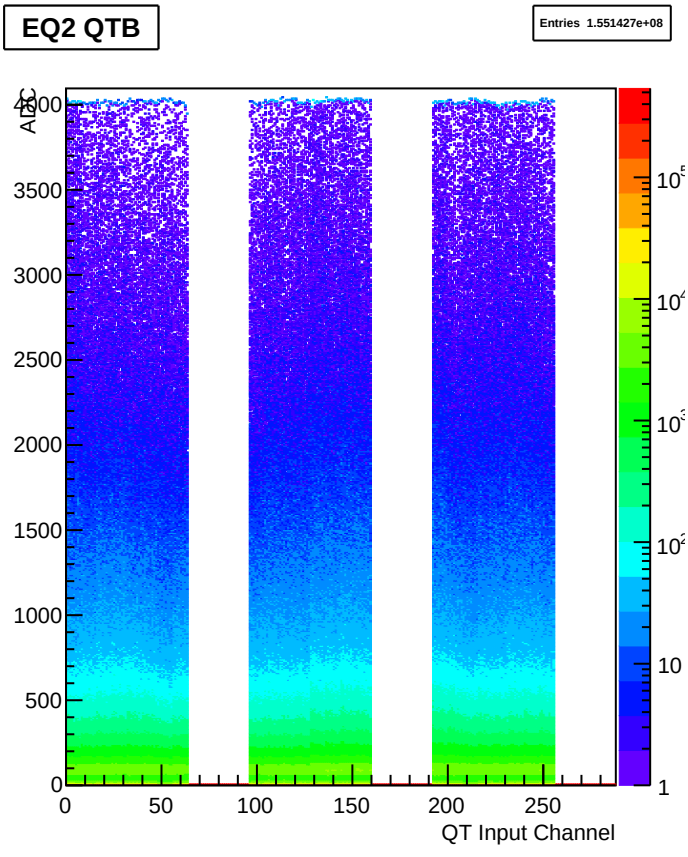

BBQ-VP002 West
Entries 8619040
ADC
QT Input Channel

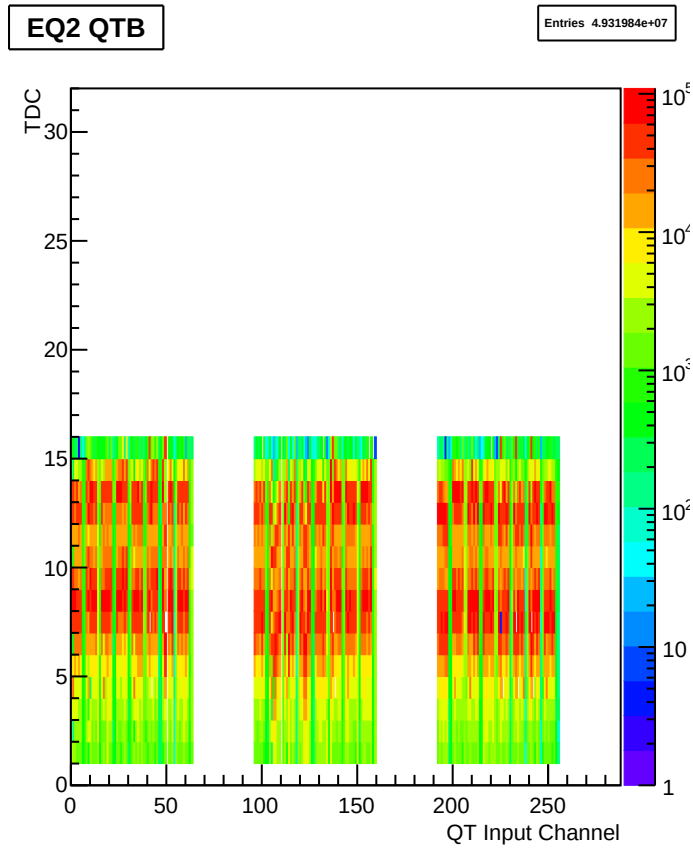

EQ1 QTB
Entries 1.551427e+08
ADC
QT Input Channel

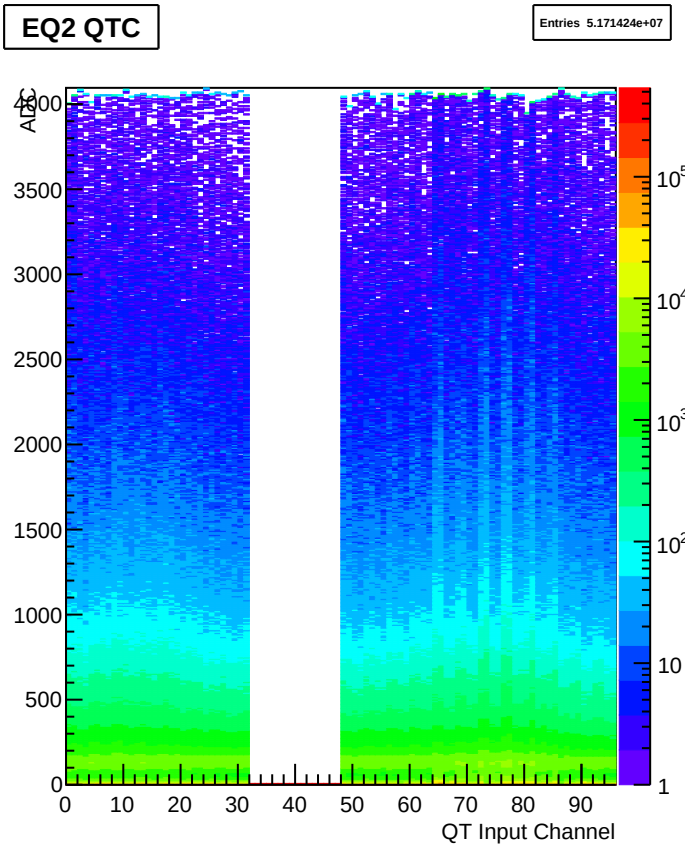

EQ1 QTB
Entries 5.074444e+07
TDC
QT Input Channel

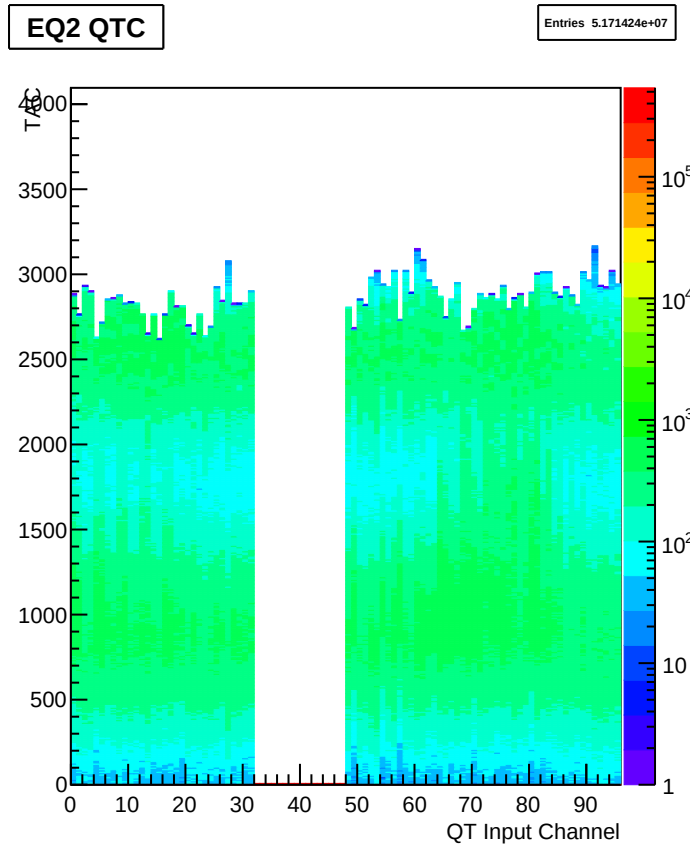

EQ1 QTC
Entries 5.171424e+07
ADC
QT Input Channel

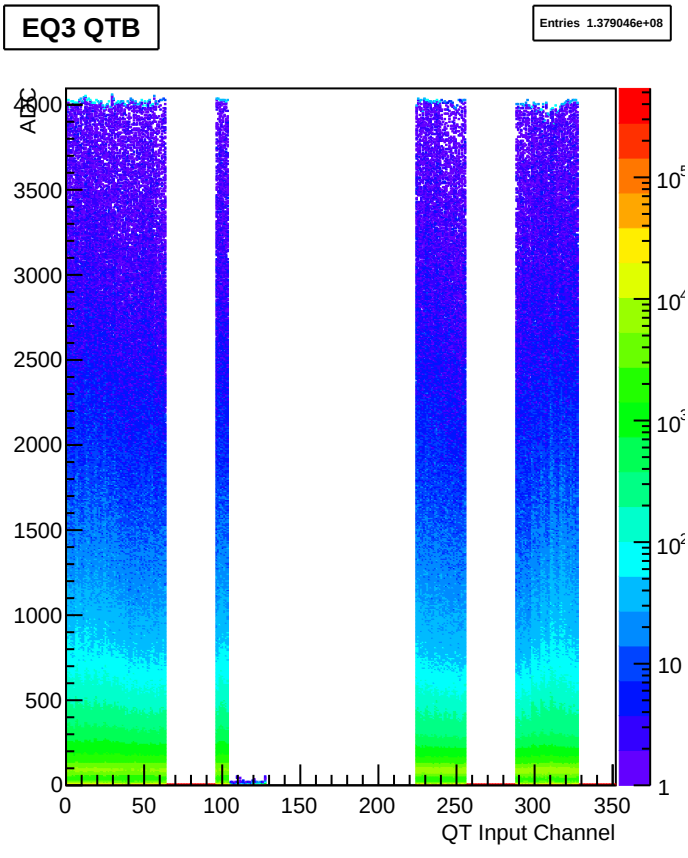

EQ1 QTC
Entries 5.171424e+07
TADC
QT Input Channel

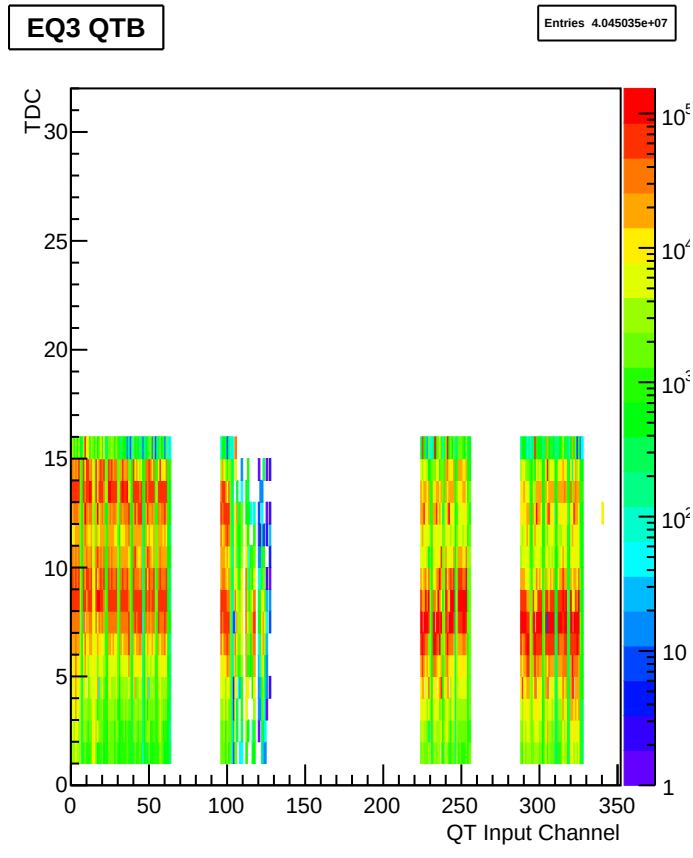

EQ2 QTB
Entries 1.551427e+08
ADC
QT Input Channel

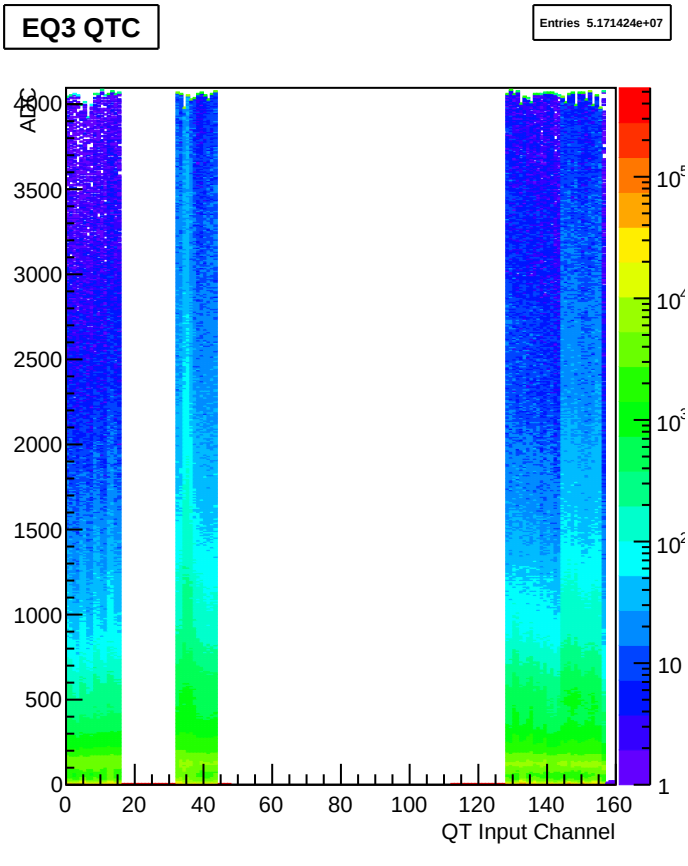

EQ2 QTB
Entries 4.931984e+07
TDC
QT Input Channel

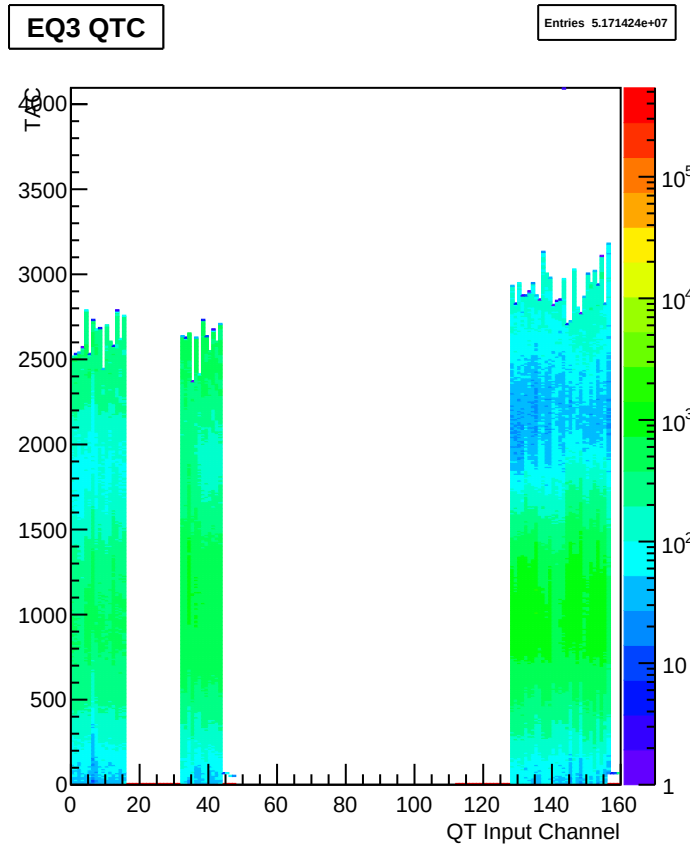

EQ2 QTC
Entries 5.171424e+07
ADC
QT Input Channel

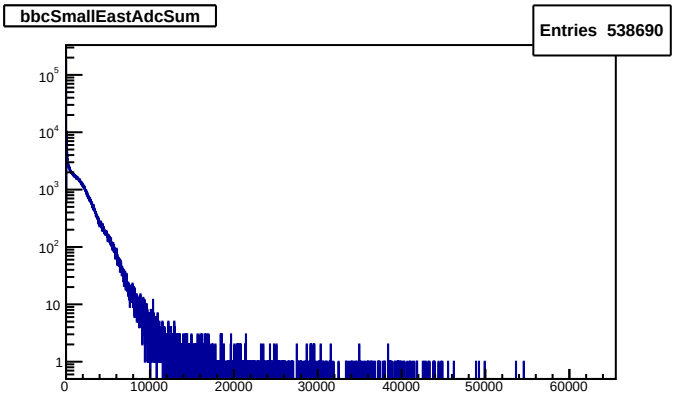

EQ2 QTC
Entries 5.171424e+07
TADC
QT Input Channel

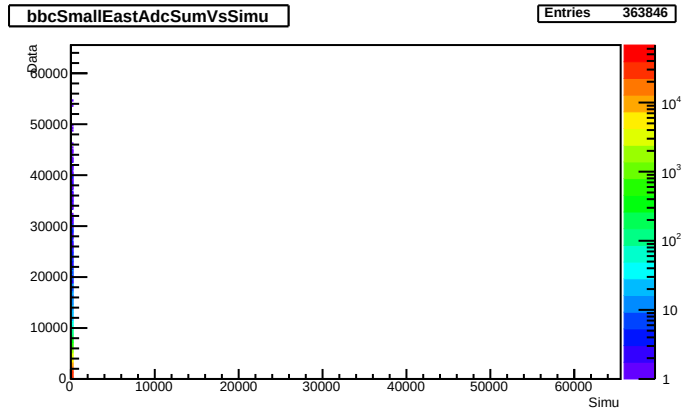

EQ3 QTB
Entries 1.379046e+08
ADC
QT Input Channel

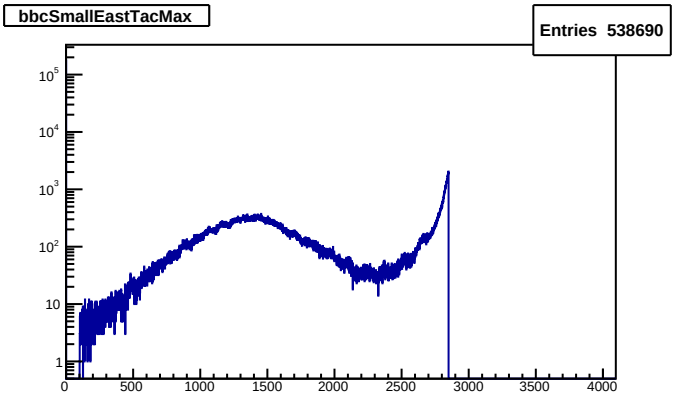

EQ3 QTB
Entries 4.045035e+07
TDC
QT Input Channel

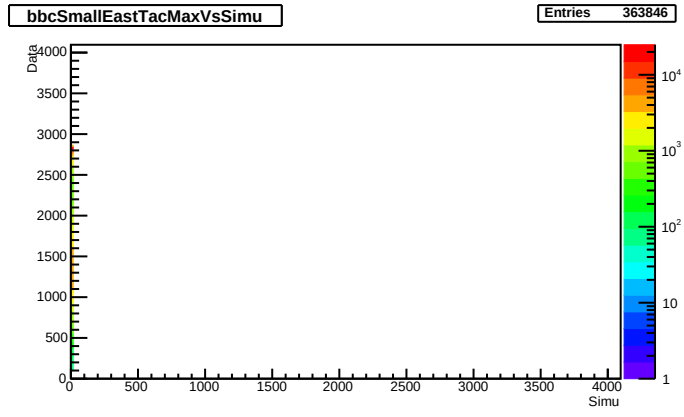

EQ3 QTC
Entries 5.171424e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.171424e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 538690


bbcSmallEastAdcSumVsSimu
Entries 363846
Data
Simu


bbcSmallEastTacMax
Entries 538690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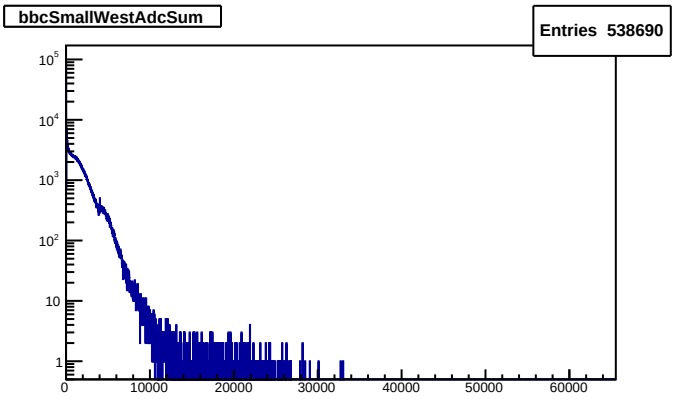
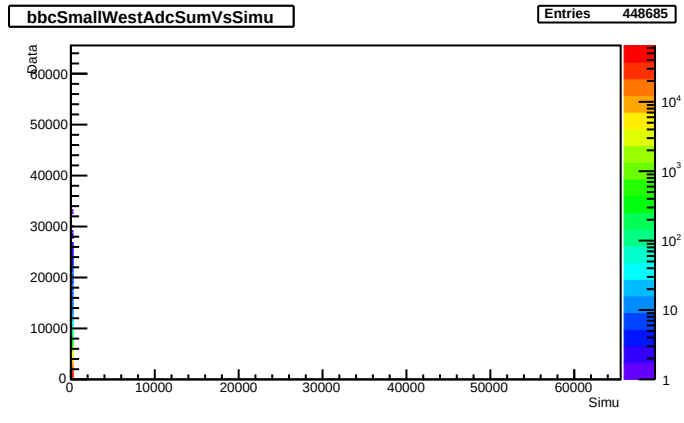
Entries 363846
Data
Simu


bbcSmallWestAdcSum
Entries 538690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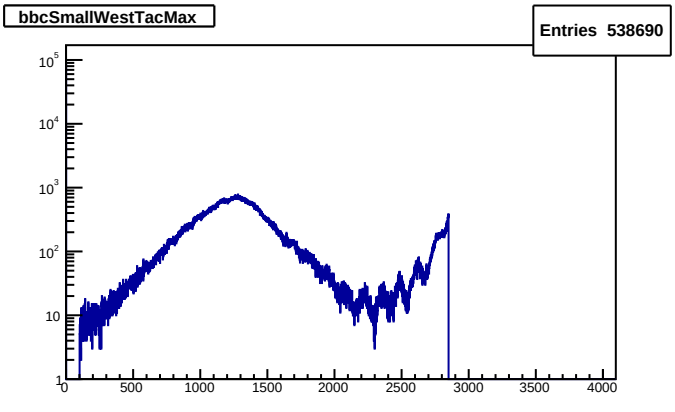
Entries 448685
Data
Simu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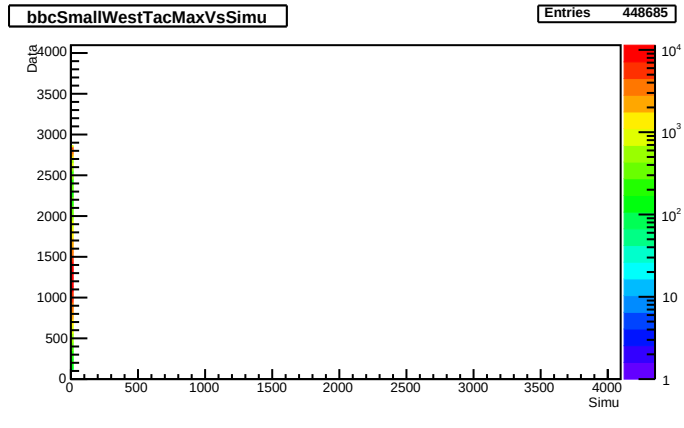
Entries 538690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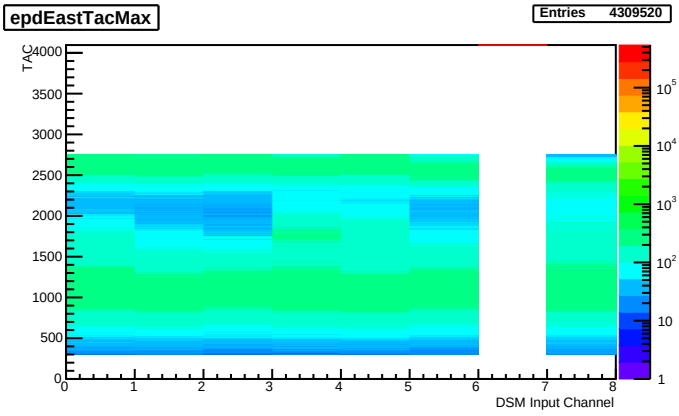
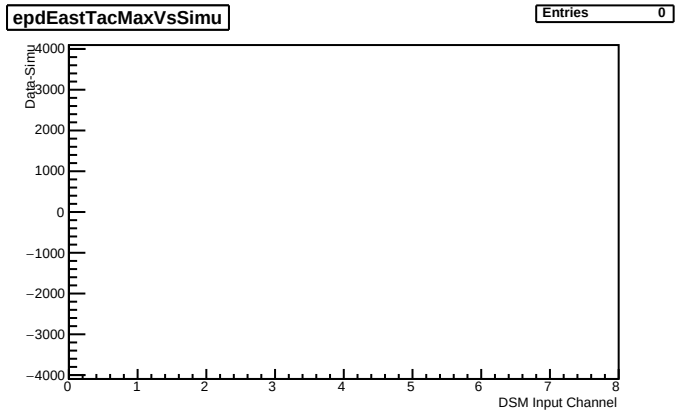
Entries 448685
Data
Simu


epdEastTacMax
Entries 4309520
TAC
DSM Input Channel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Data-Simu
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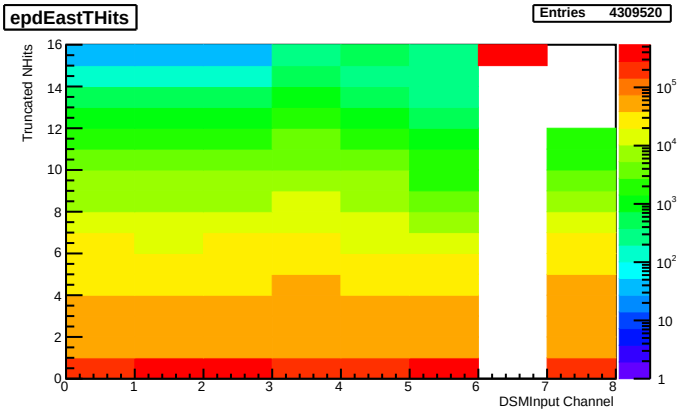
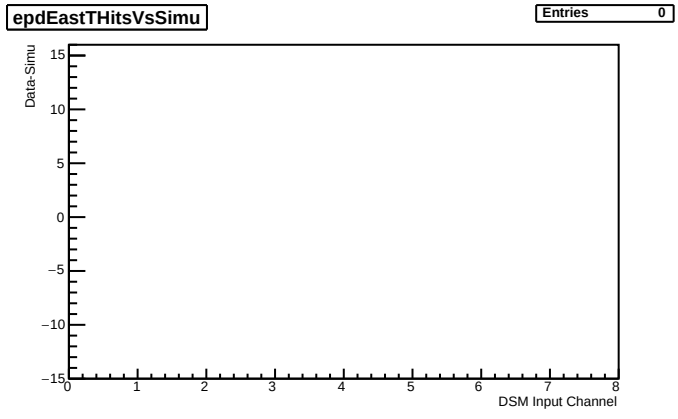

epdEastTHits
Entries 4309520
Truncated NHits
DSMInput Channel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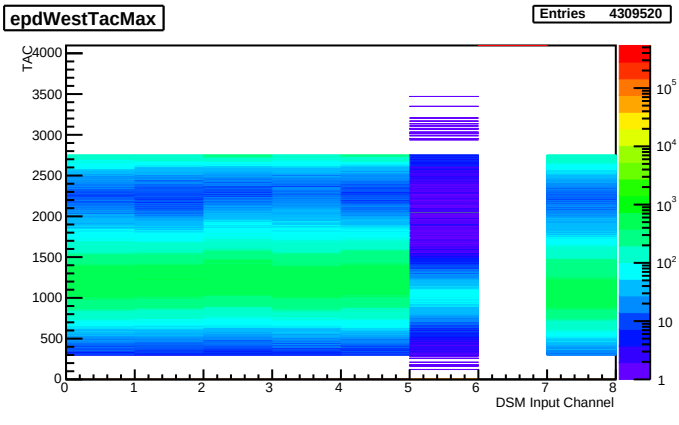
Entries 0
Data-Simu
DSM Input Channel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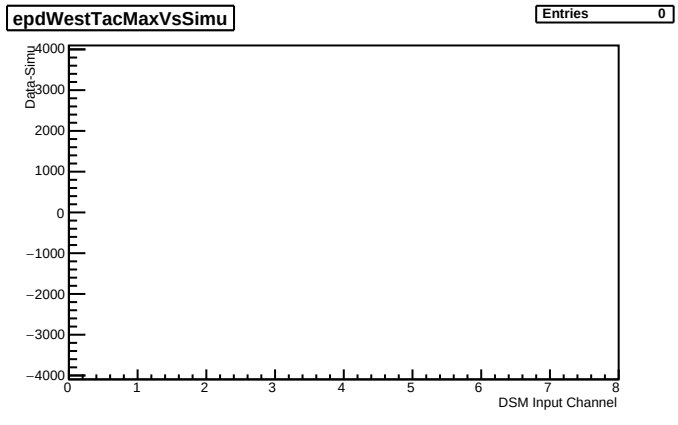
Entries 4309520
TAC
DSM Input Channel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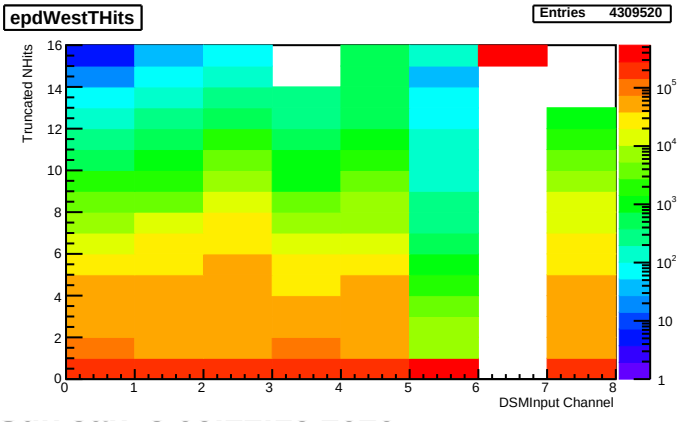
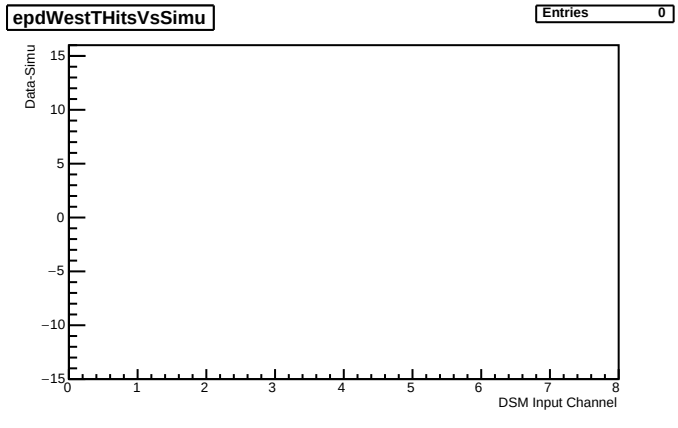
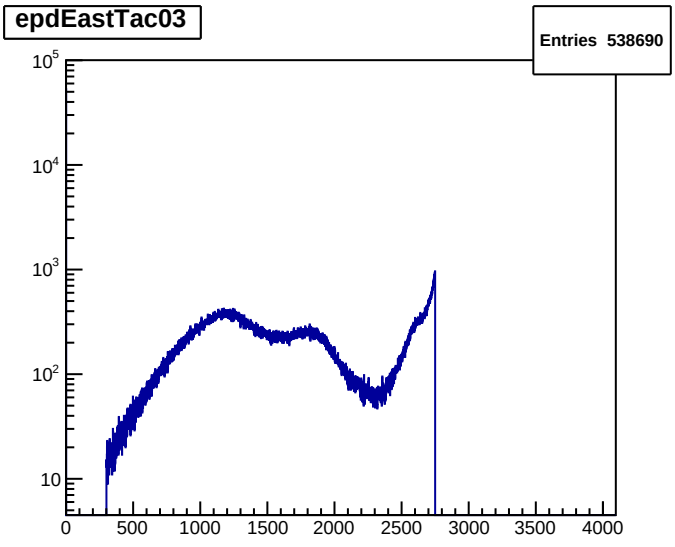
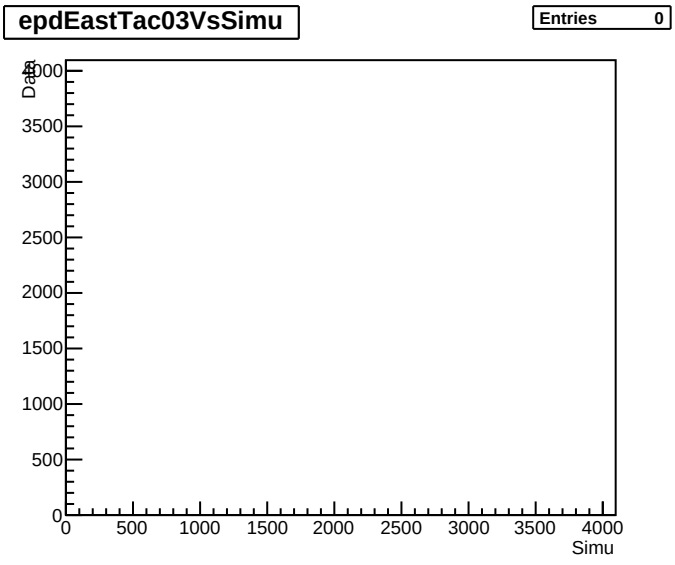
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4309520
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 538690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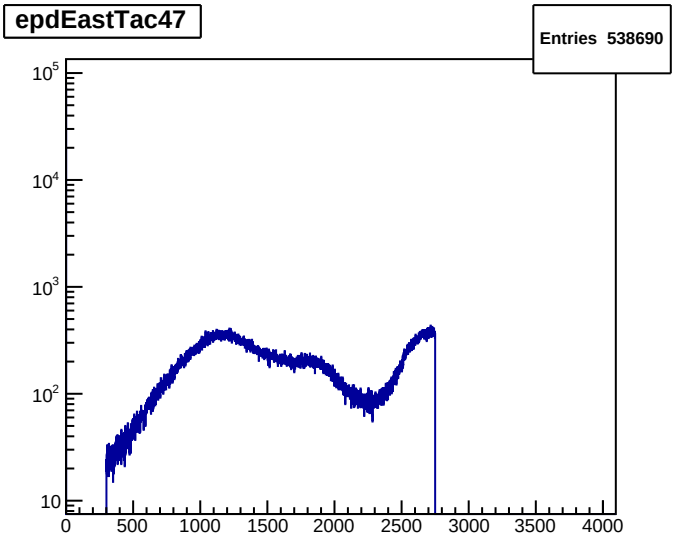
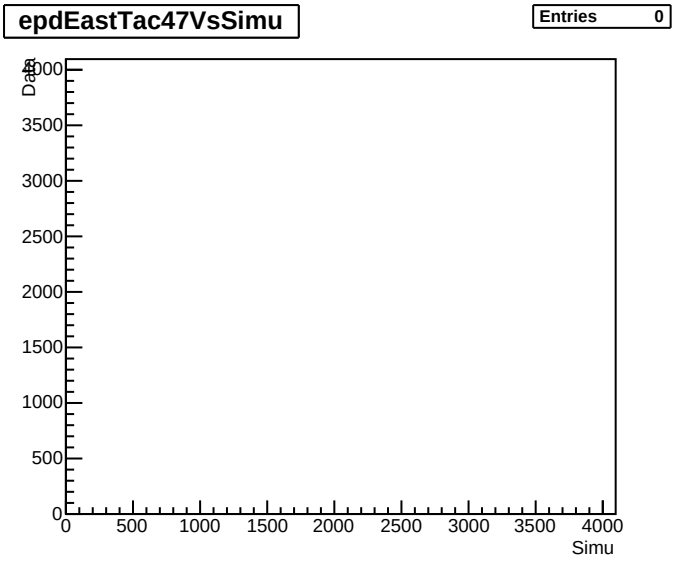
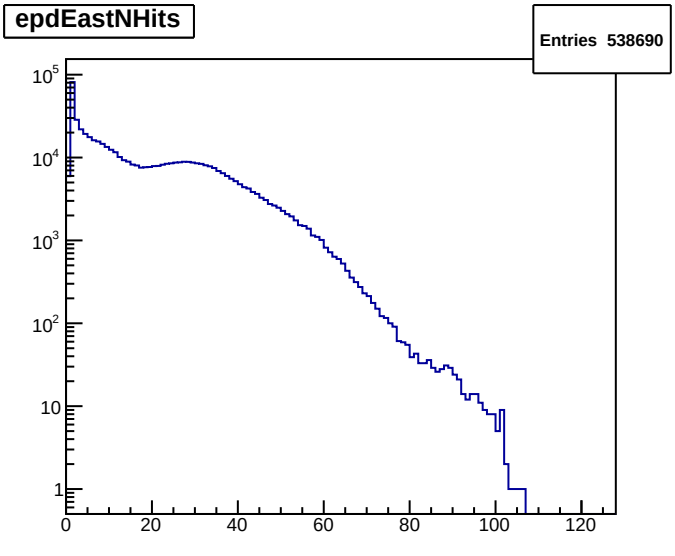
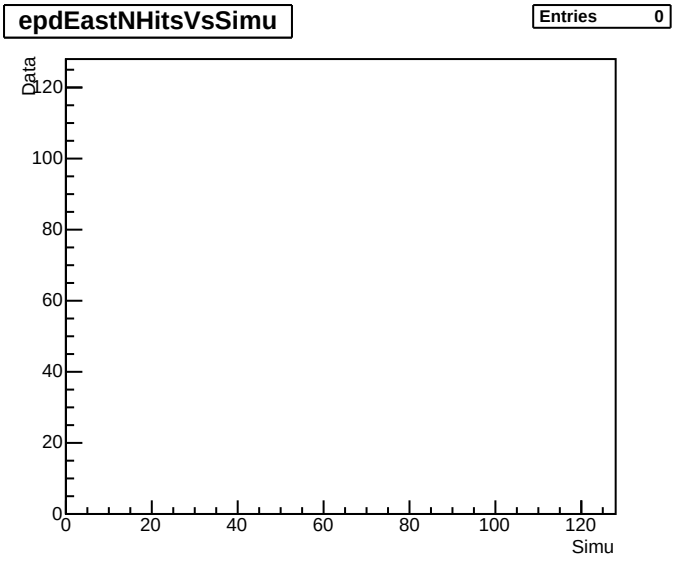
Entries 0
Data
Simu


epdEastTac47
Entries 538690


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 538690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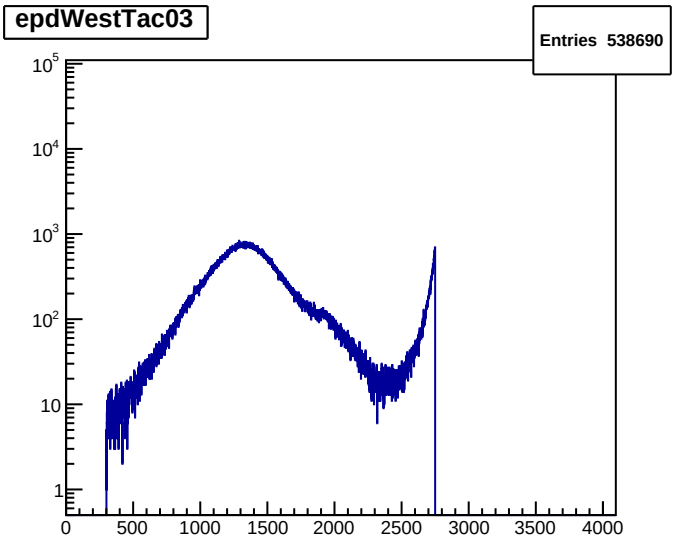
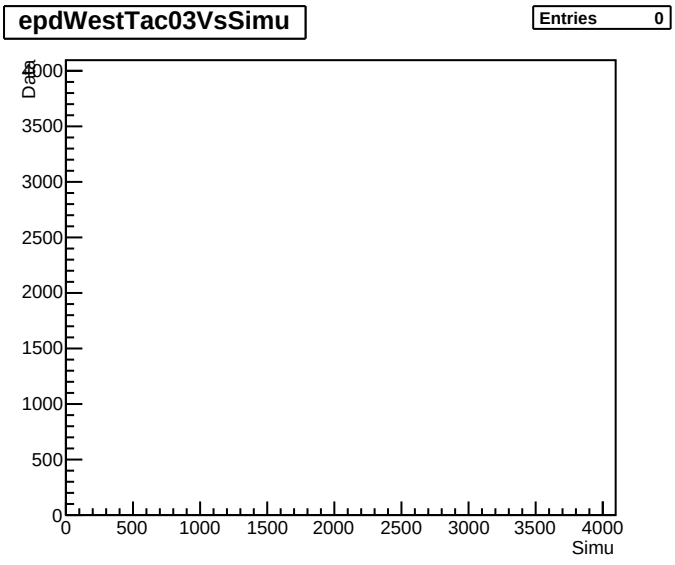
Entries 0
Data
Simu


epdWestTac03
Entries 538690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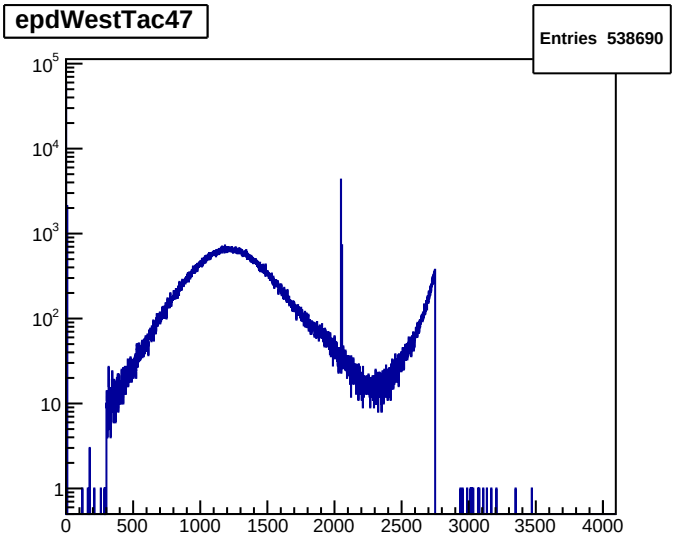
Entries 0
Data
Simu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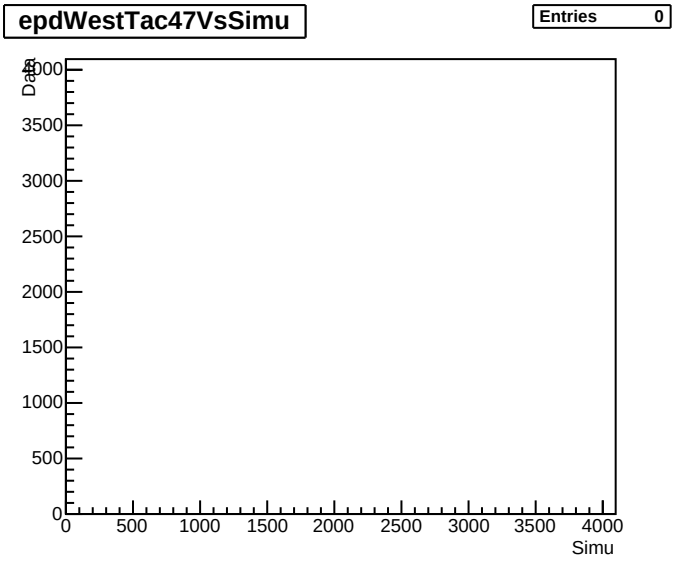
Entries 538690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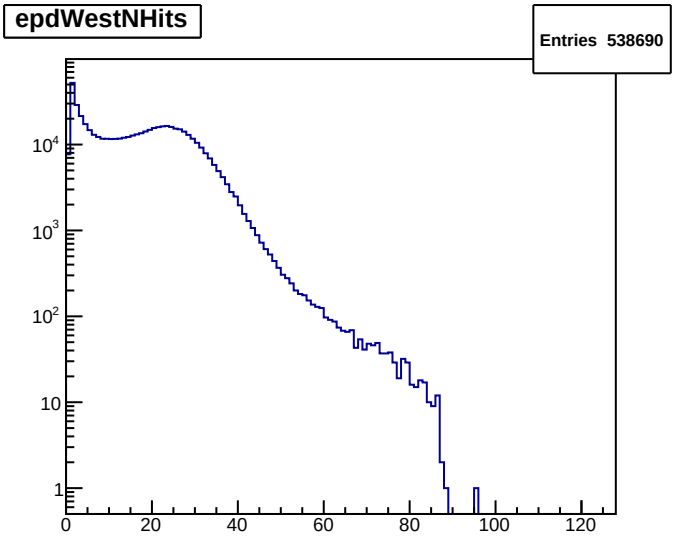
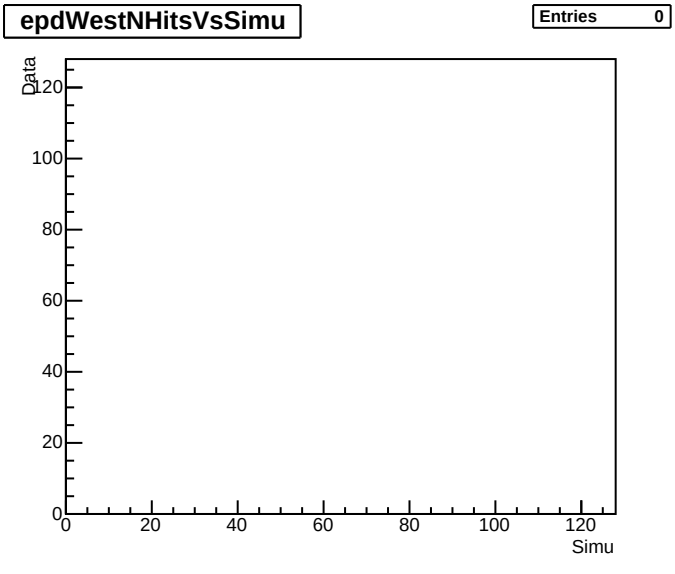
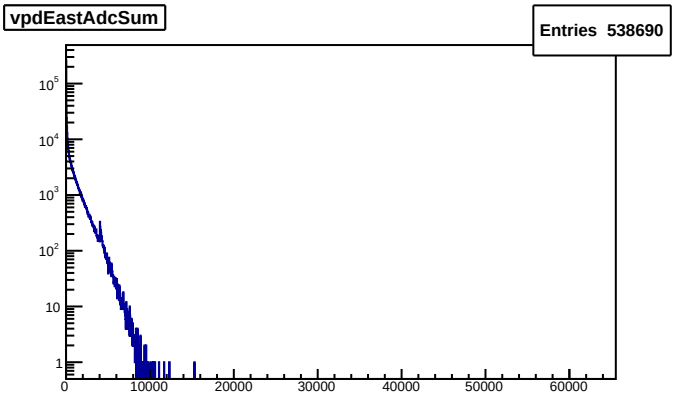
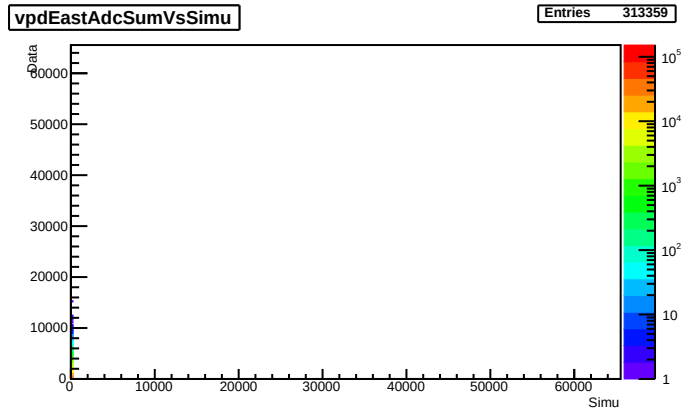
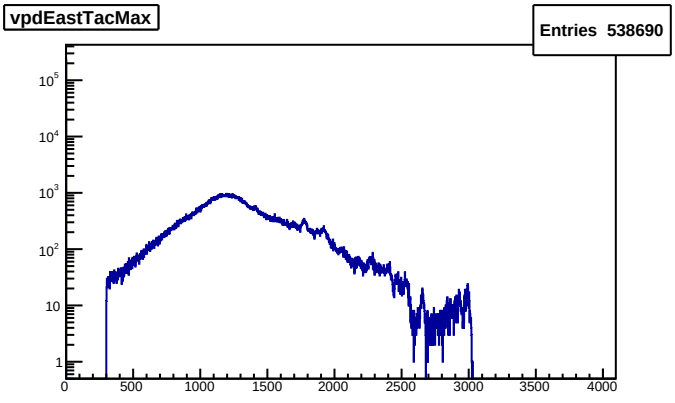
Entries 0
Data
Simu

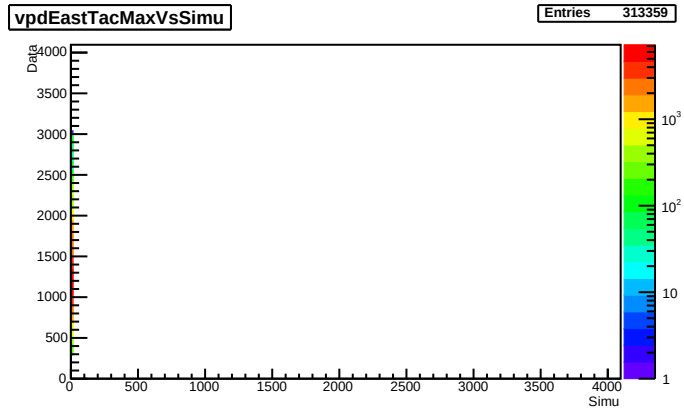

epdWestNHits
Entries 538690

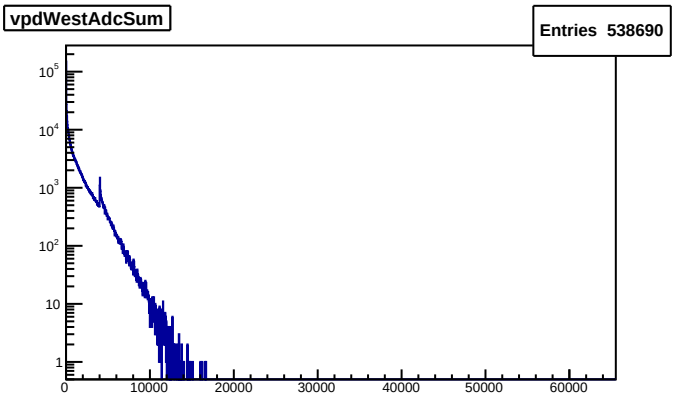

epdWestNHitsVsSimu
Entries 0
Data
Simu

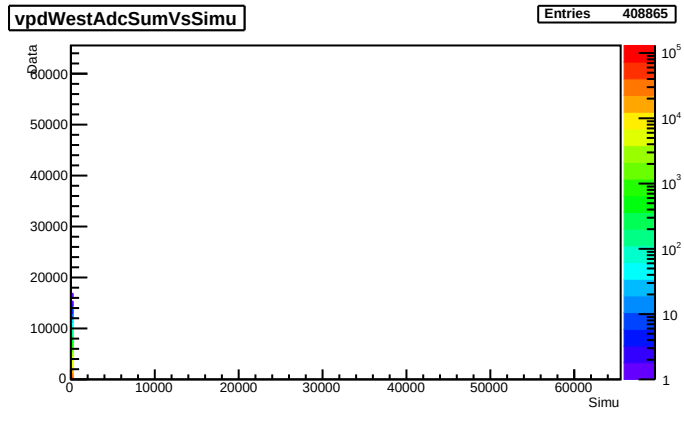

vpdEastAdcSum
Entries 538690

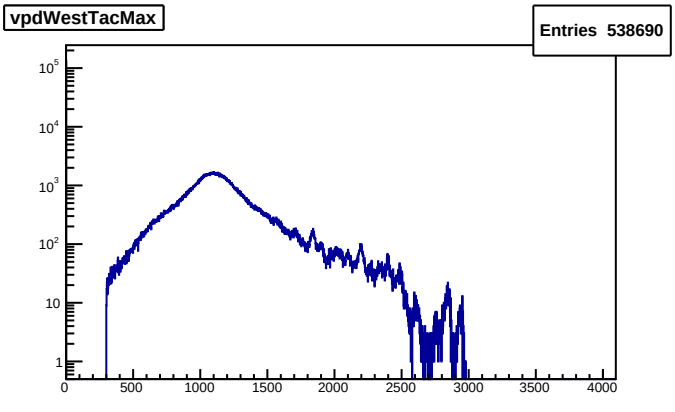

vpdEastAdcSumVsSimu
Entries 313359
Data
Simu

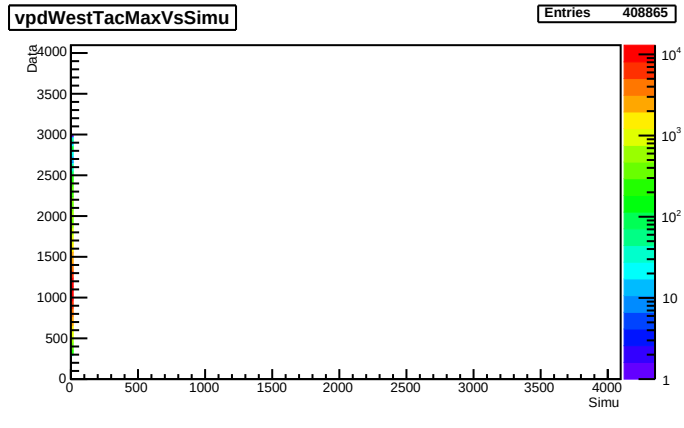

vpdEastTacMax
Entries 538690

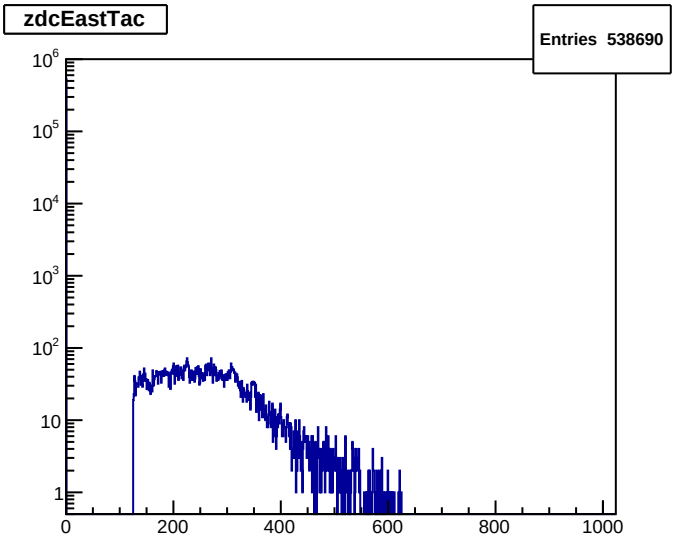

vpdEastTacMaxVsSimu
Entries 313359
Data
Simu

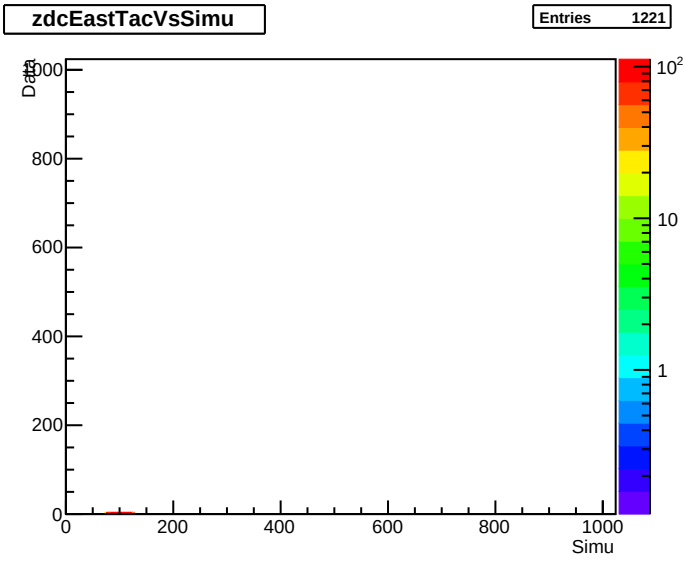

vpdWestAdcSum
Entries 538690

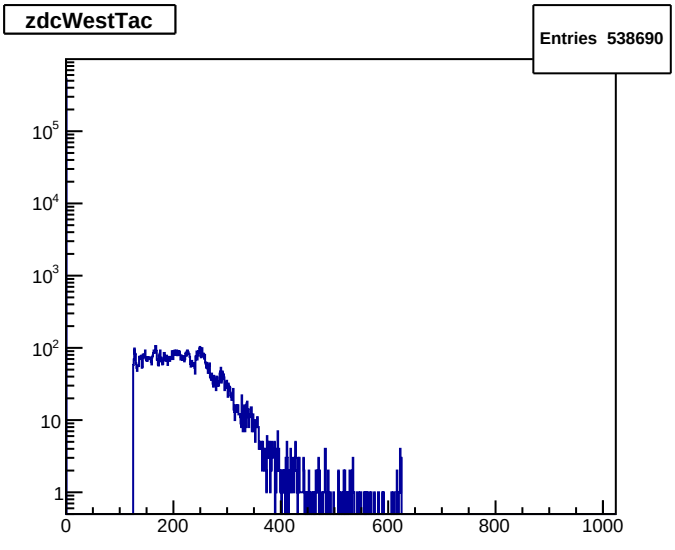

vpdWestAdcSumVsSimu
Entries 408865
Data
Simu

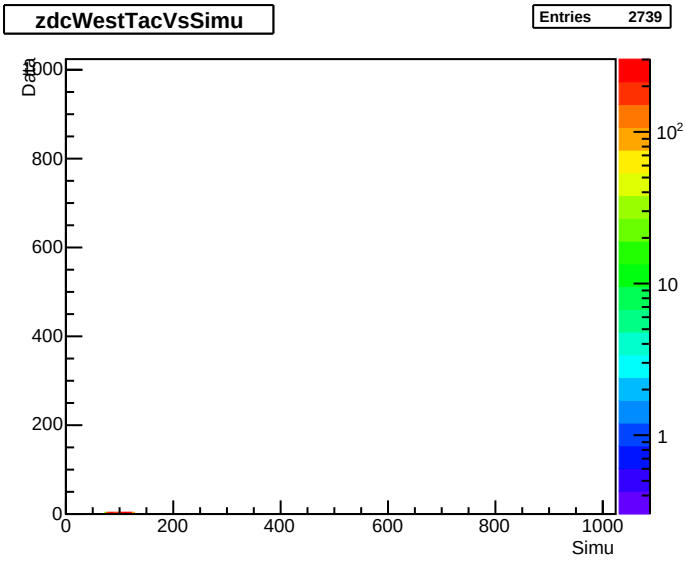

vpdWestTacMax
Entries 538690

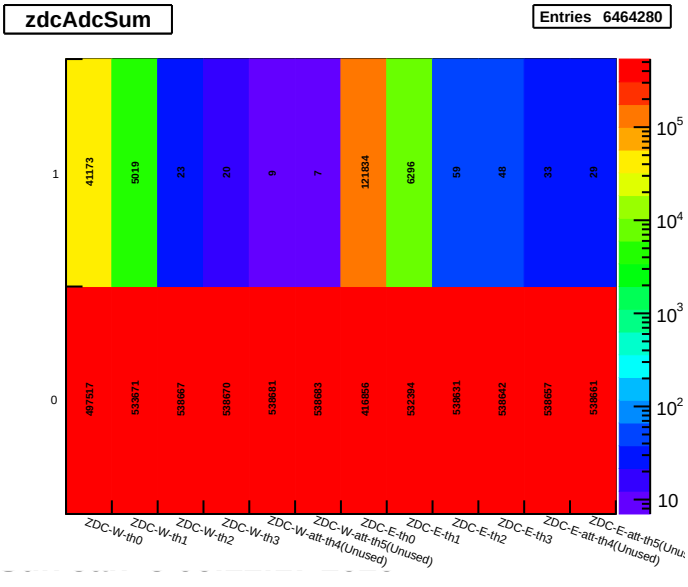

vpdWestTacMaxVsSimu
Entries 408865
Data
Simu

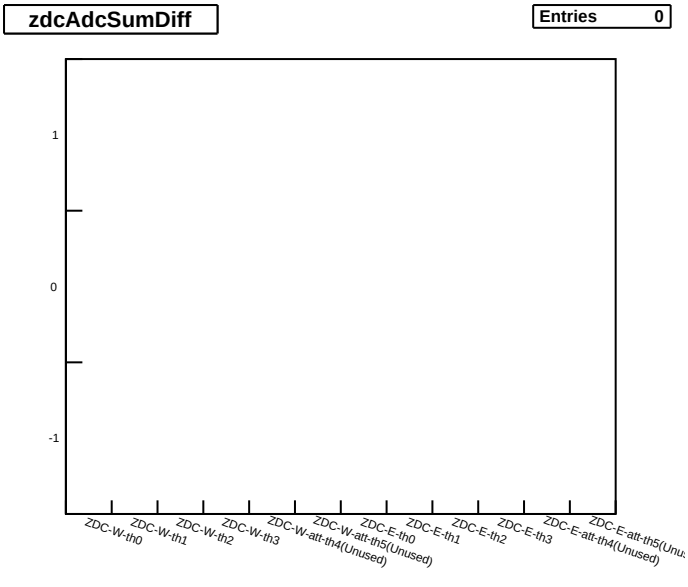

zdcEastTac
Entries 538690

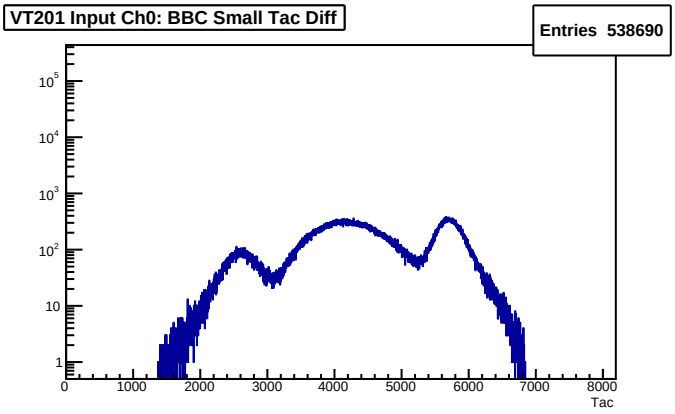

zdcEastTacVsSimu
Entries 1221
Data
Simu

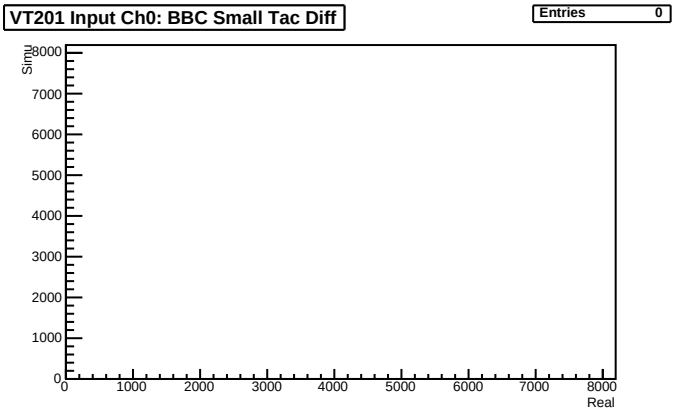

zdcWestTac
Entries 538690

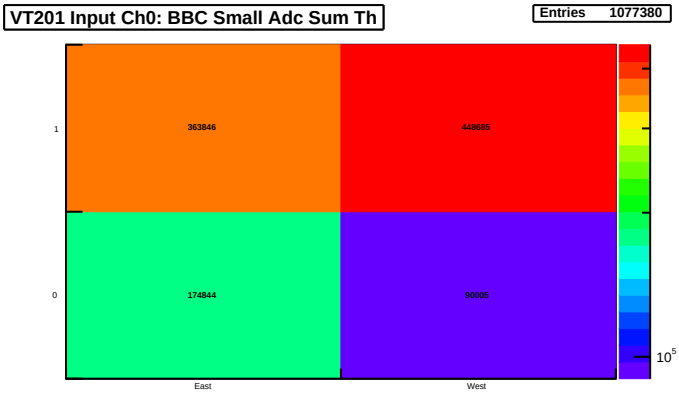

zdcWestTacVsSimu
Entries 2739
Data
Simu

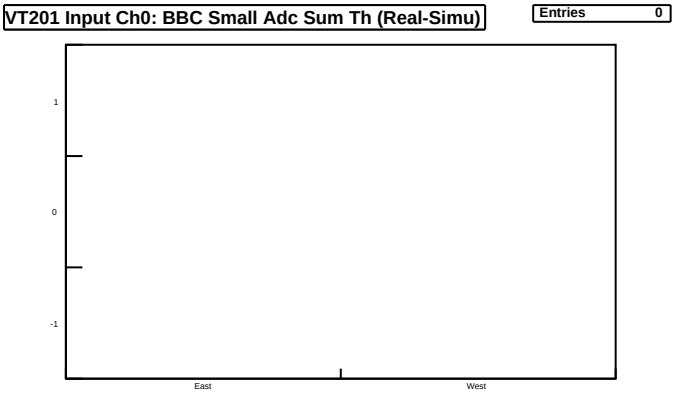

zdcAdcSum
Entries 6464280
41173
5019
23
20
9
7
121834
6296
59
48
33
29
497517
533671
538667
538670
538681
538683
416656
532394
538631
538642
538657
538661
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

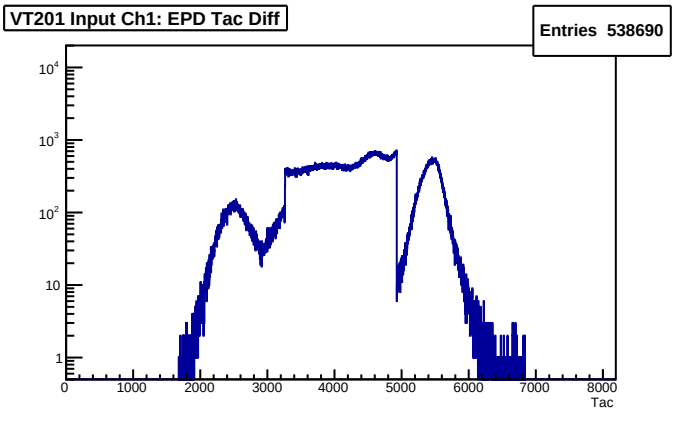

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

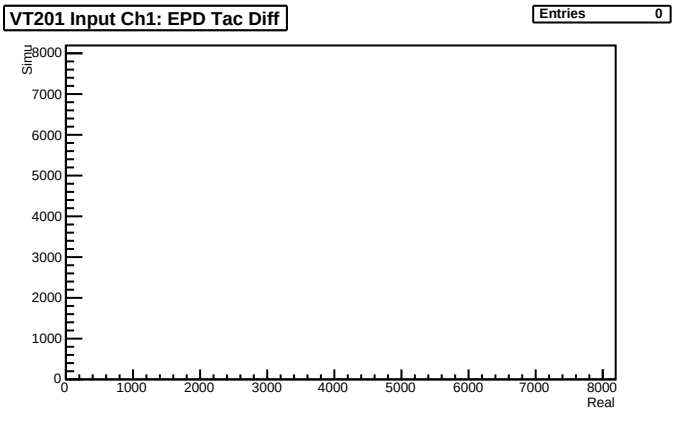

VT201 Input Ch0: BBC Small Tac Diff
Entries 538690
Tac

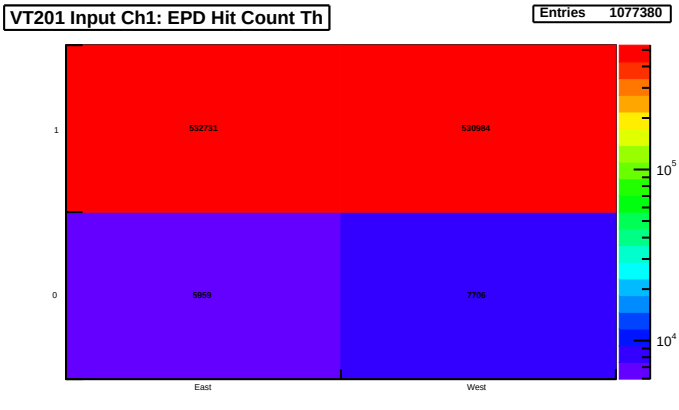

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

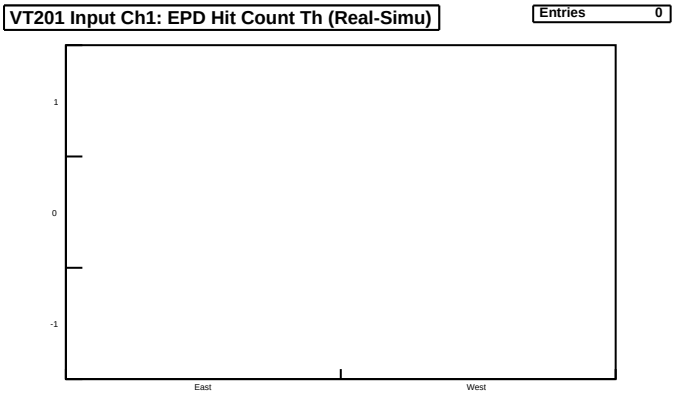

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1077380
363846
448685
174844
90005
East
West

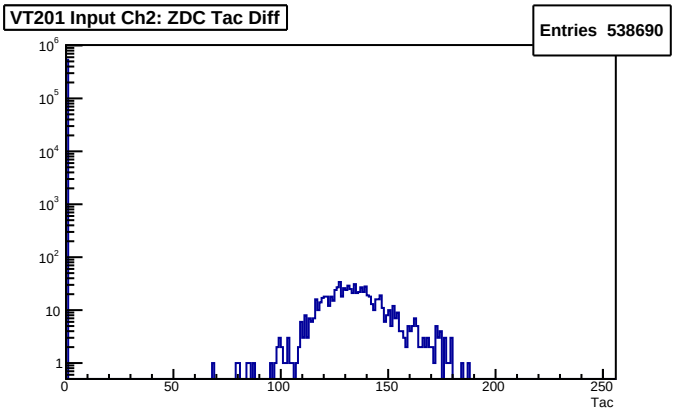

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

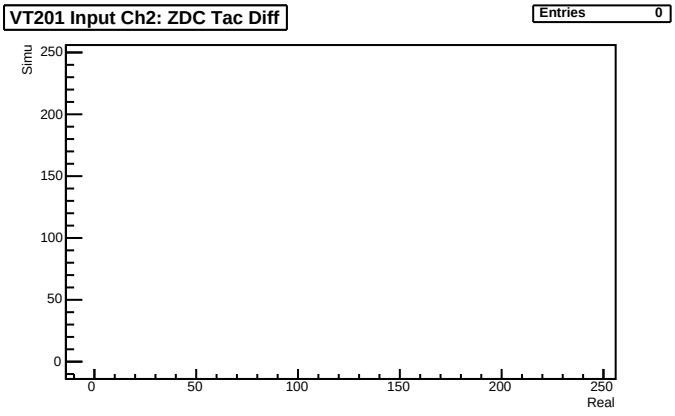

VT201 Input Ch1: EPD Tac Diff
Entries 538690
Tac

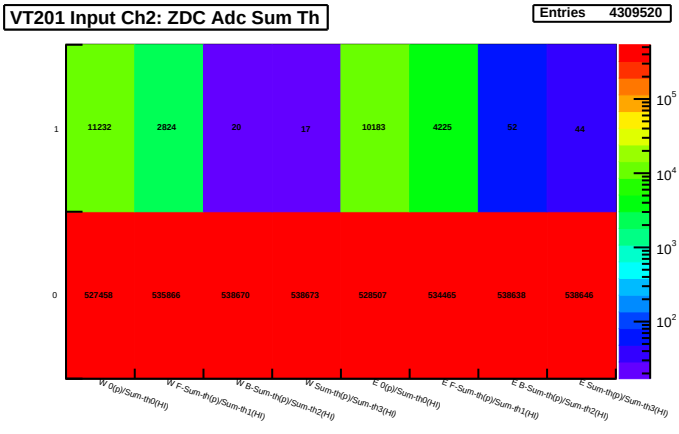

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

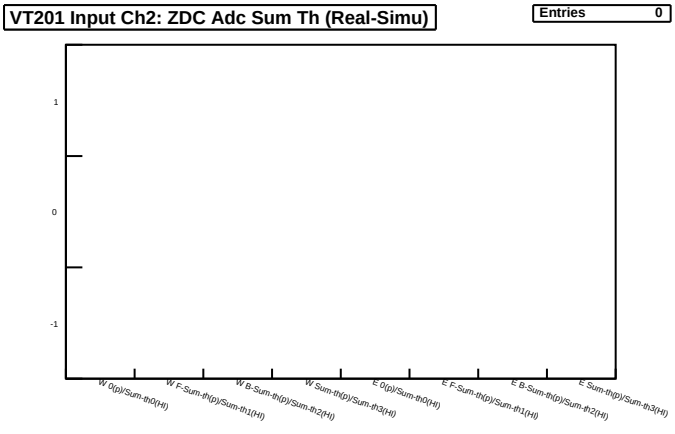

VT201 Input Ch1: EPD Hit Count Th
Entries 1077380
532731
530984
5959
7706
East
West

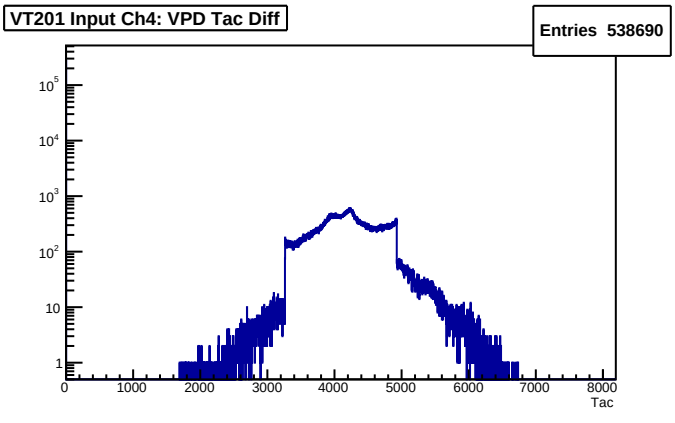

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

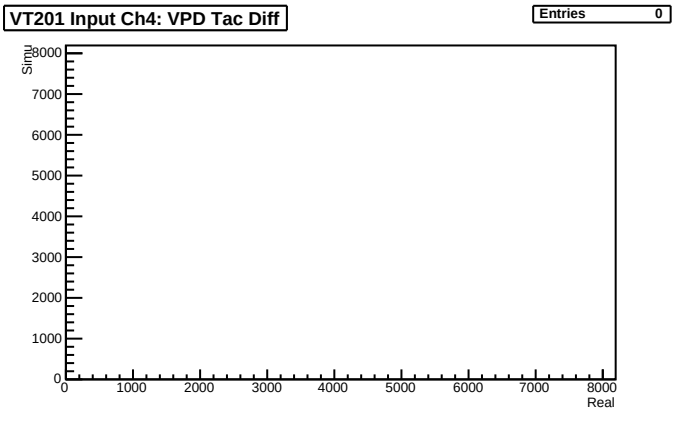

VT201 Input Ch2: ZDC Tac Diff
Entries 538690
Tac

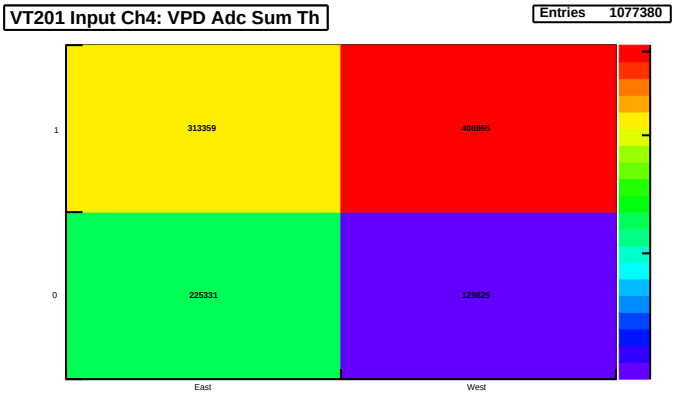

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

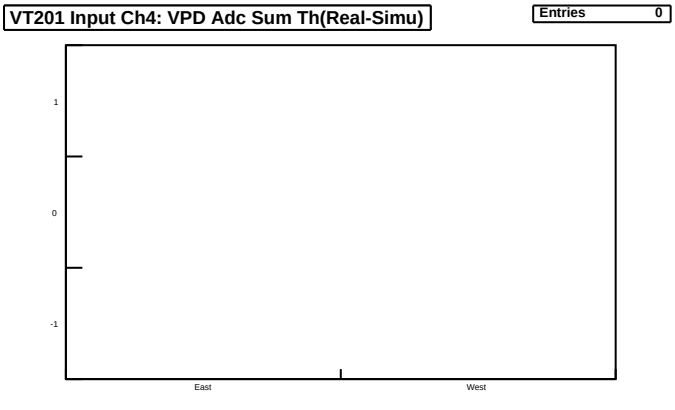

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4309520
11232
2824
20
17
10183
4225
52
44
527458
535866
538670
538673
528507
534465
538638
538646
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

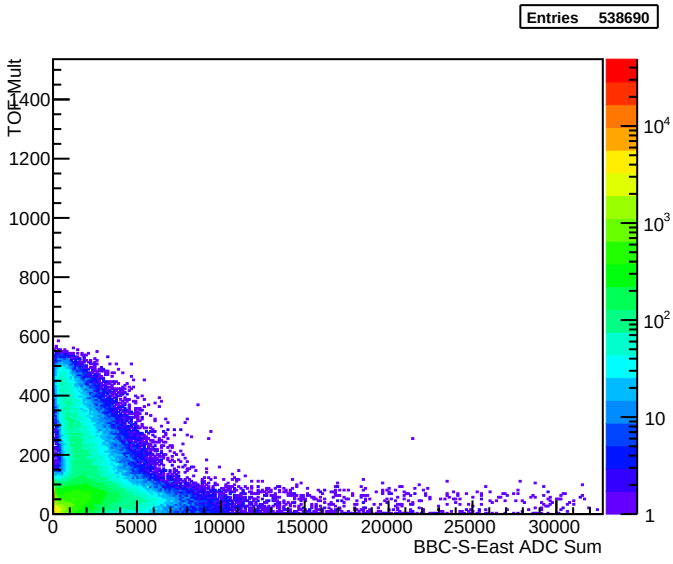

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

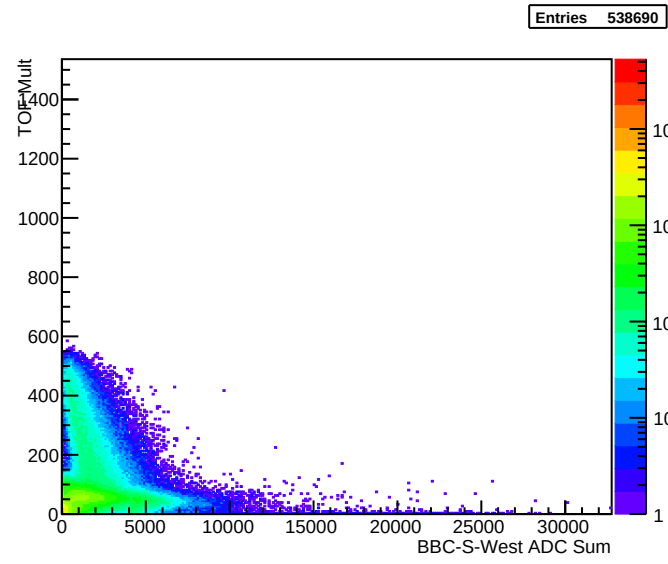

VT201 Input Ch4: VPD Tac Diff
Entries 538690
Tac

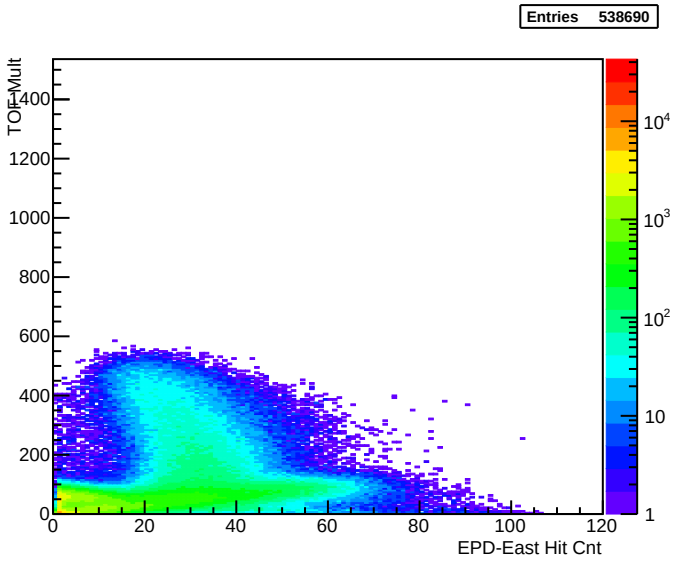

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

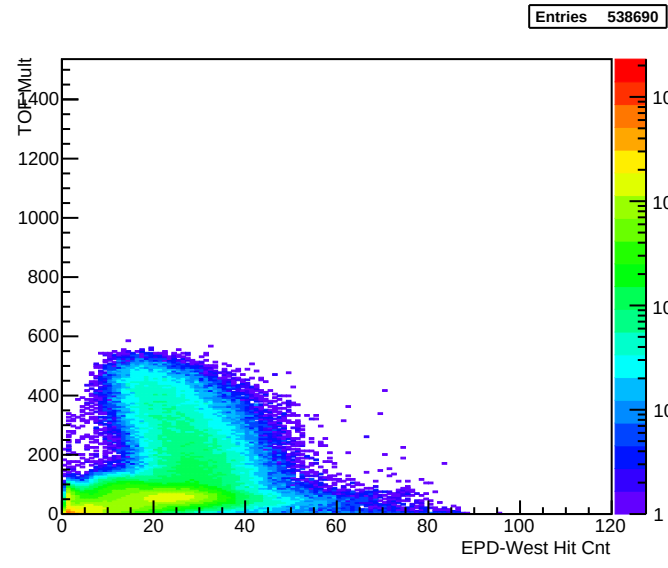

VT201 Input Ch4: VPD Adc Sum Th
Entries 1077380
313359
408865
225331
129825
East
West

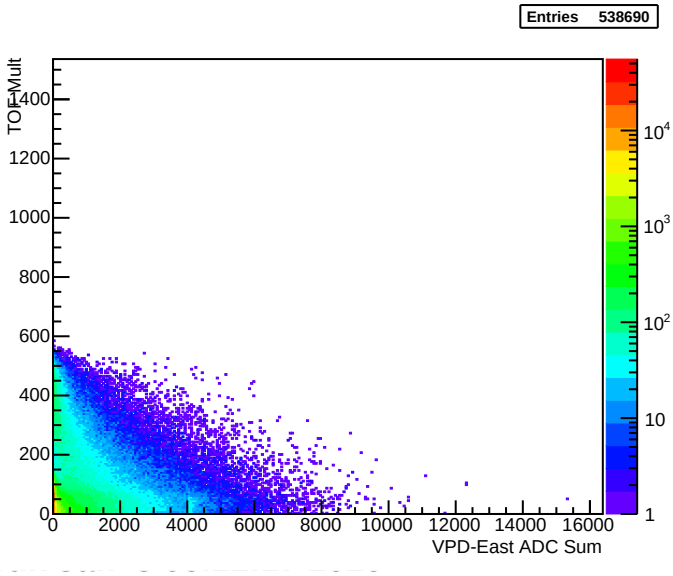

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

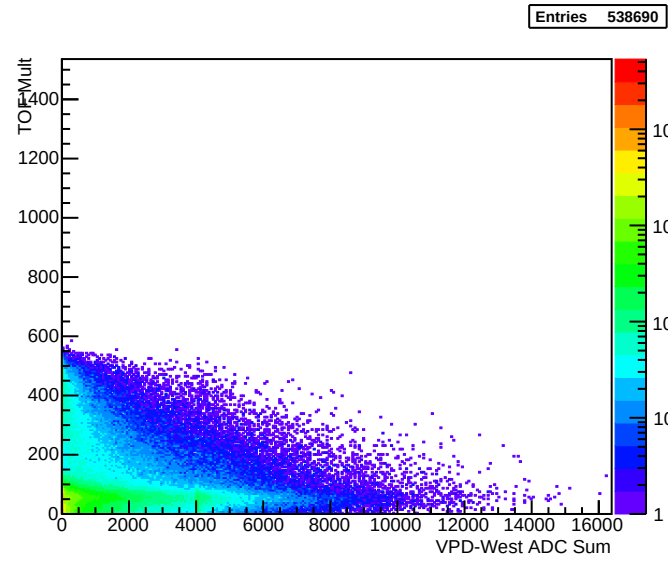

Entries 538690
TOF-Mult
BBC-S-East ADC Sum

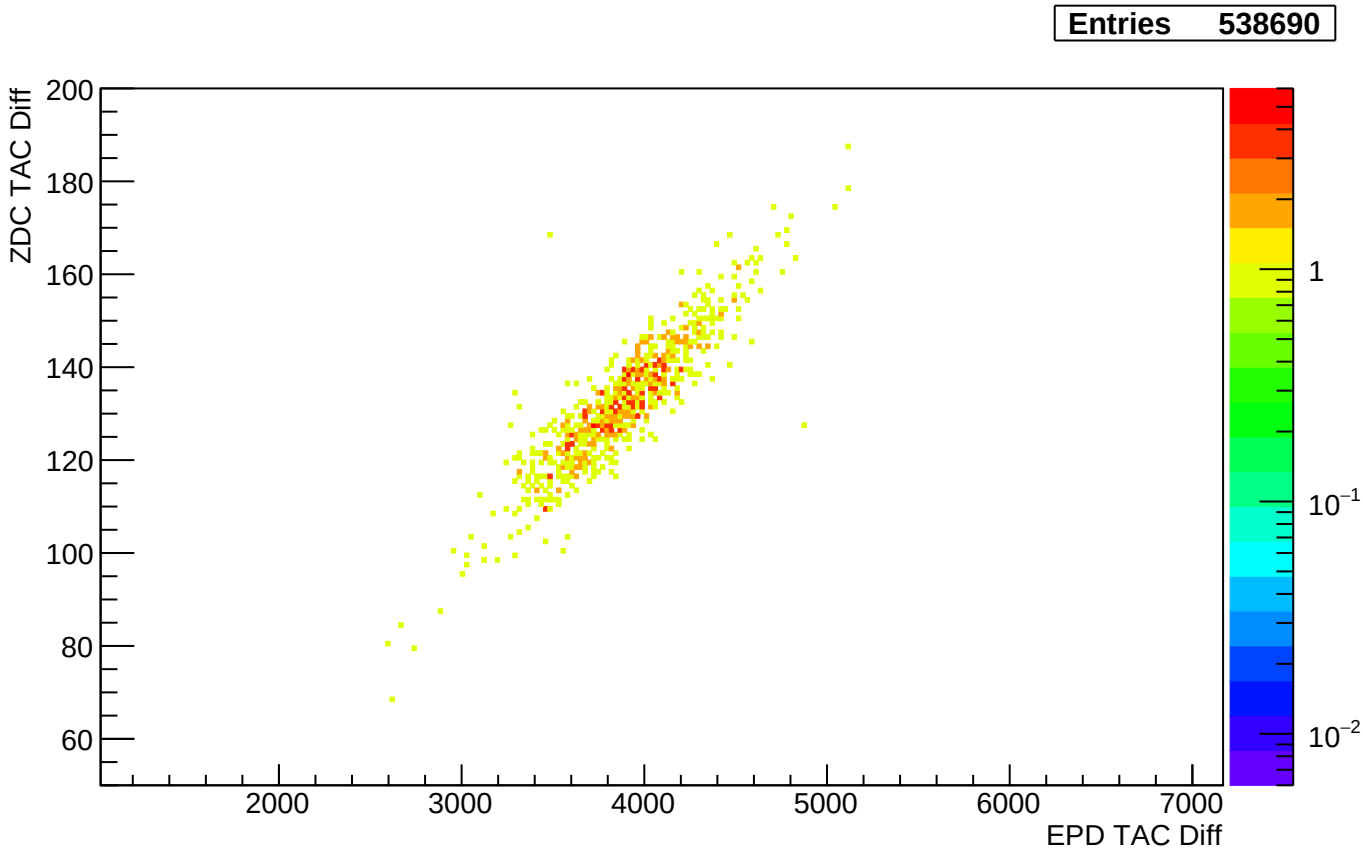

Entries 538690
TOF-Mult
BBC-S-West ADC Sum

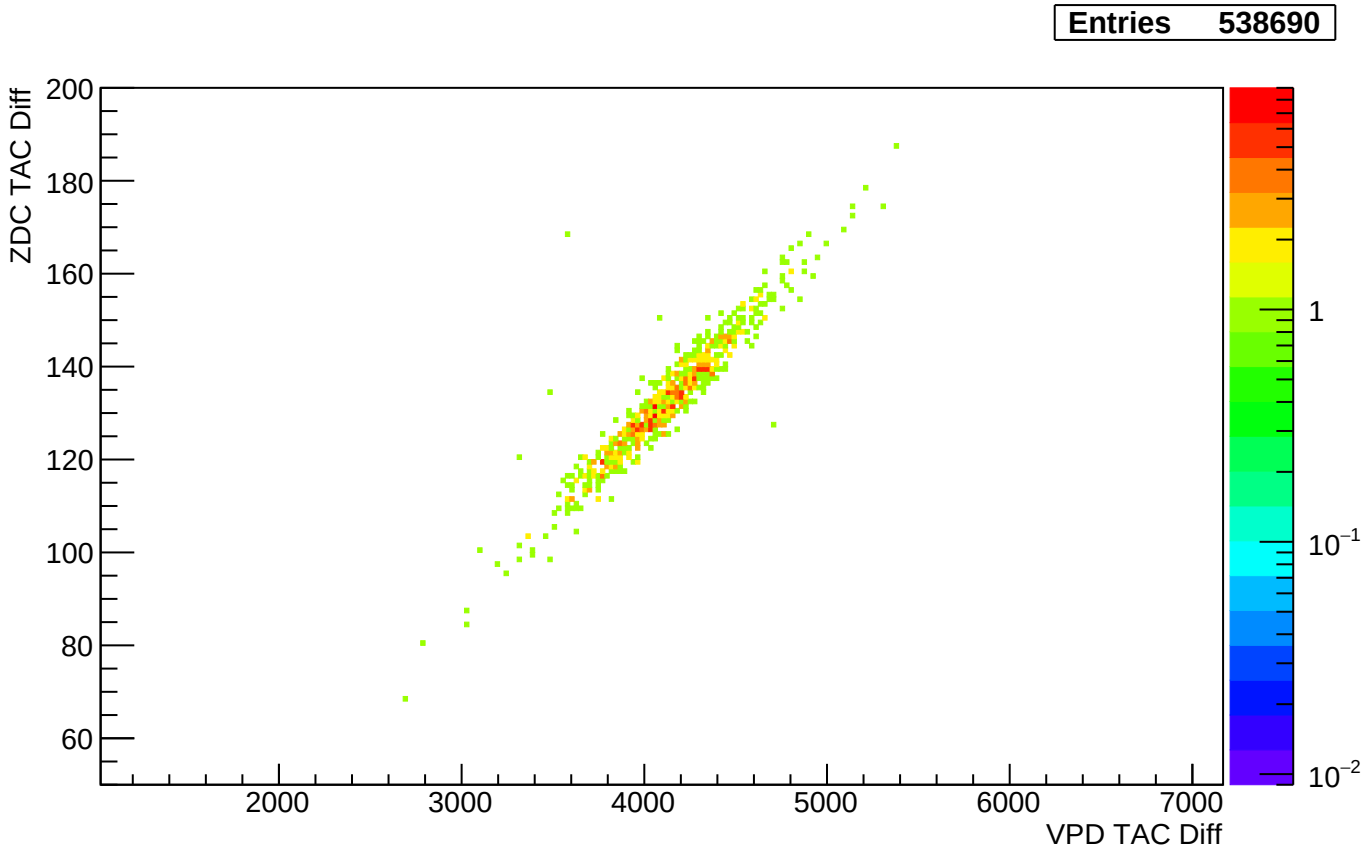

Entries 538690
TOF-Mult
EPD-East Hit Cnt

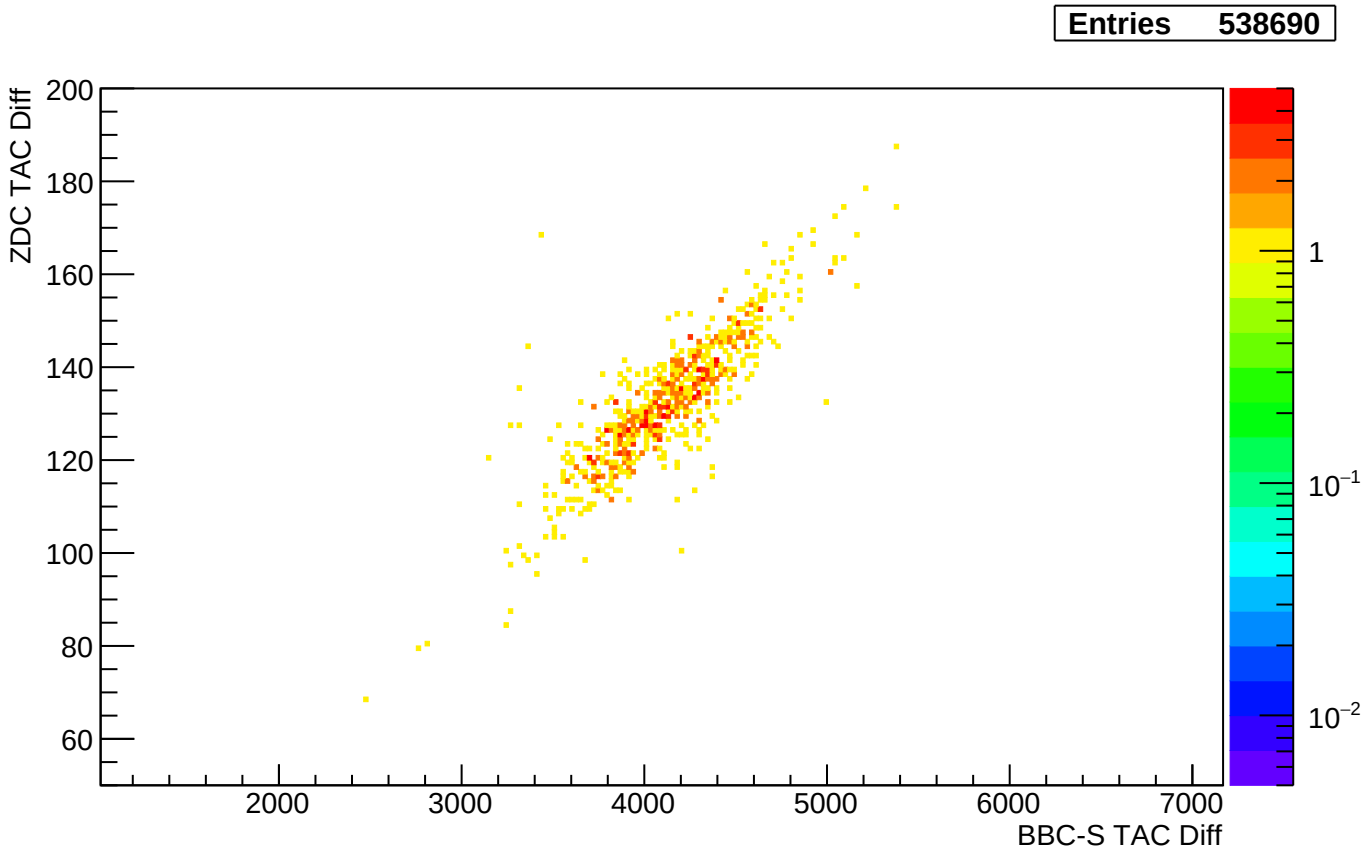

Entries 538690
TOF-Mult
EPD-West Hit Cnt

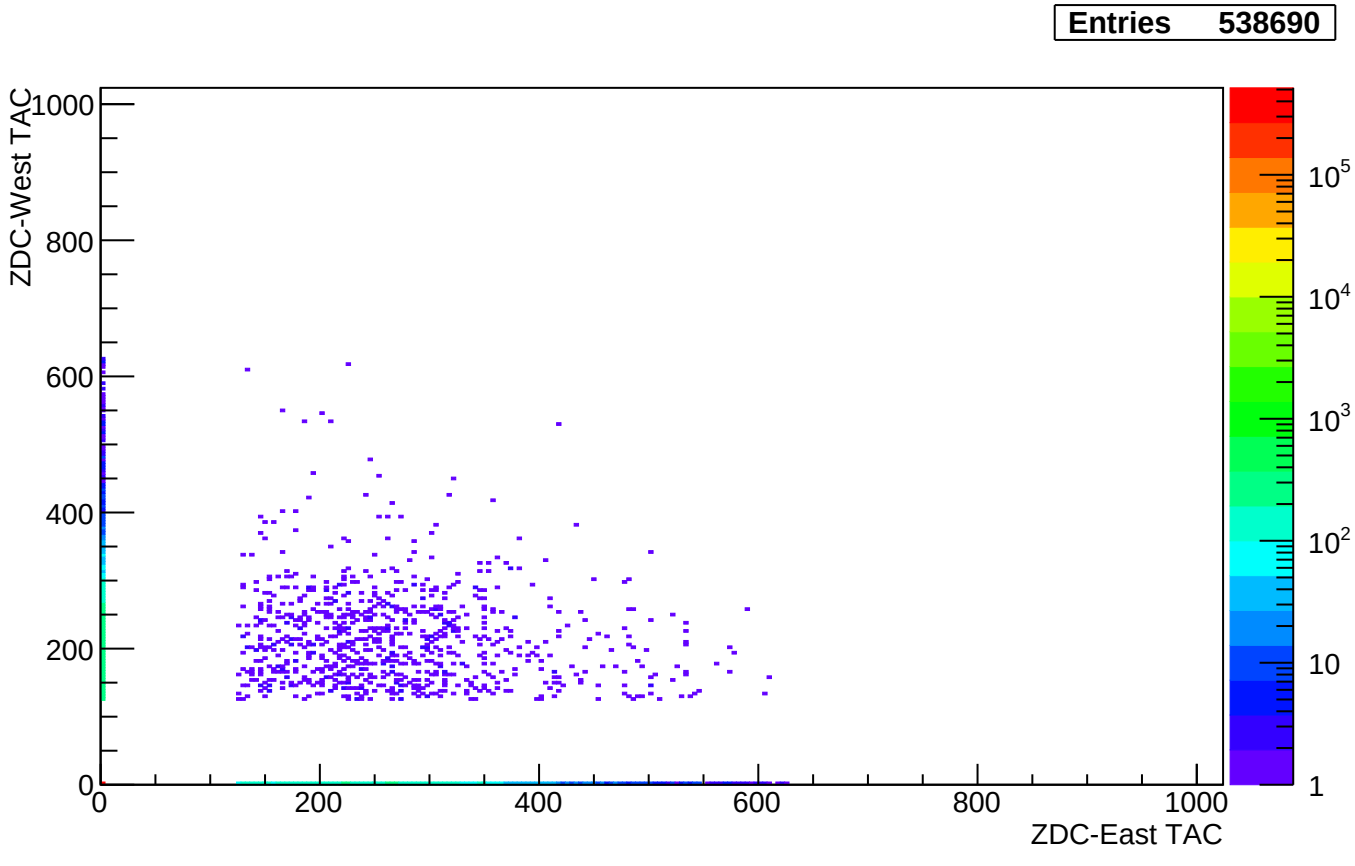

Entries 538690
TOF-Mult
VPD-East ADC Sum

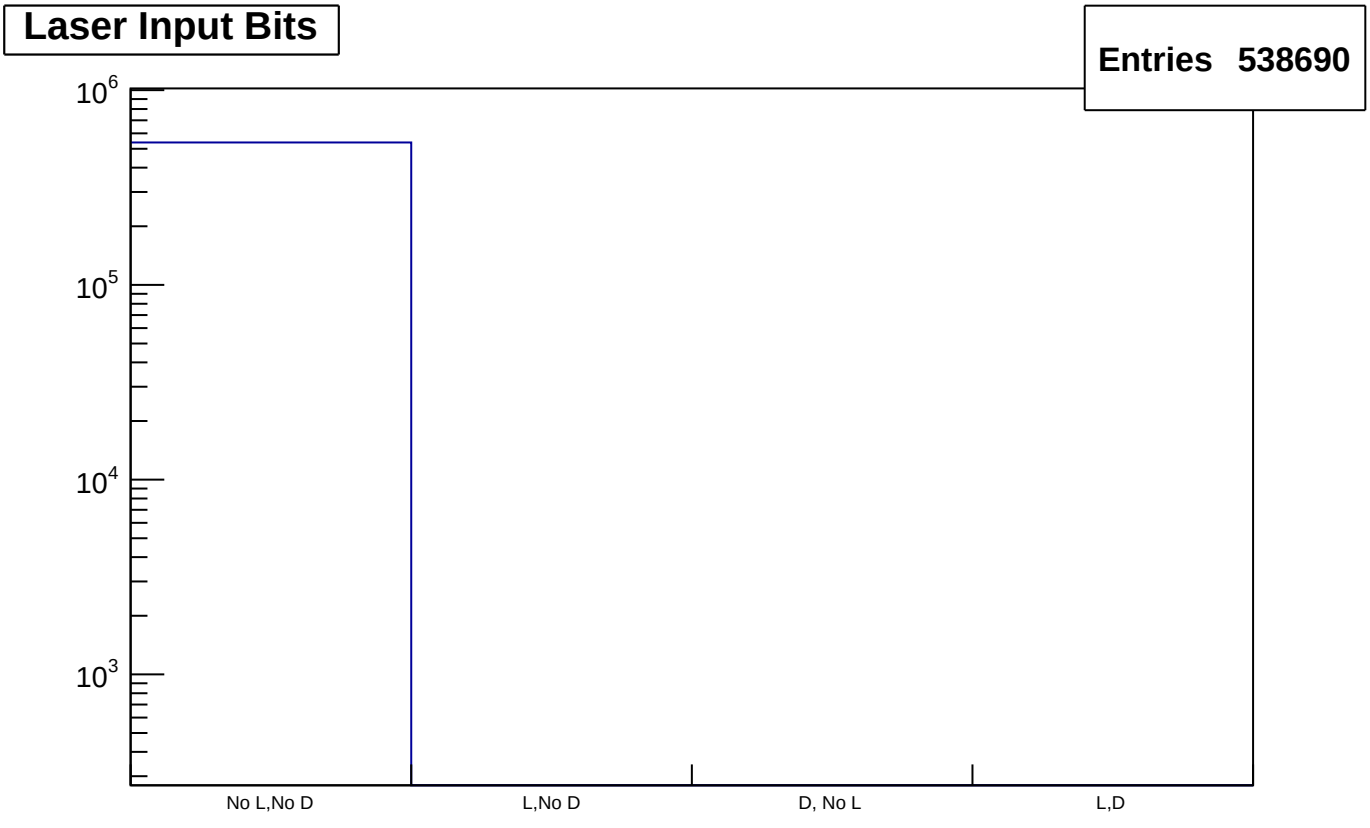

Entries 538690
TOF-Mult
VPD-West ADC Sum

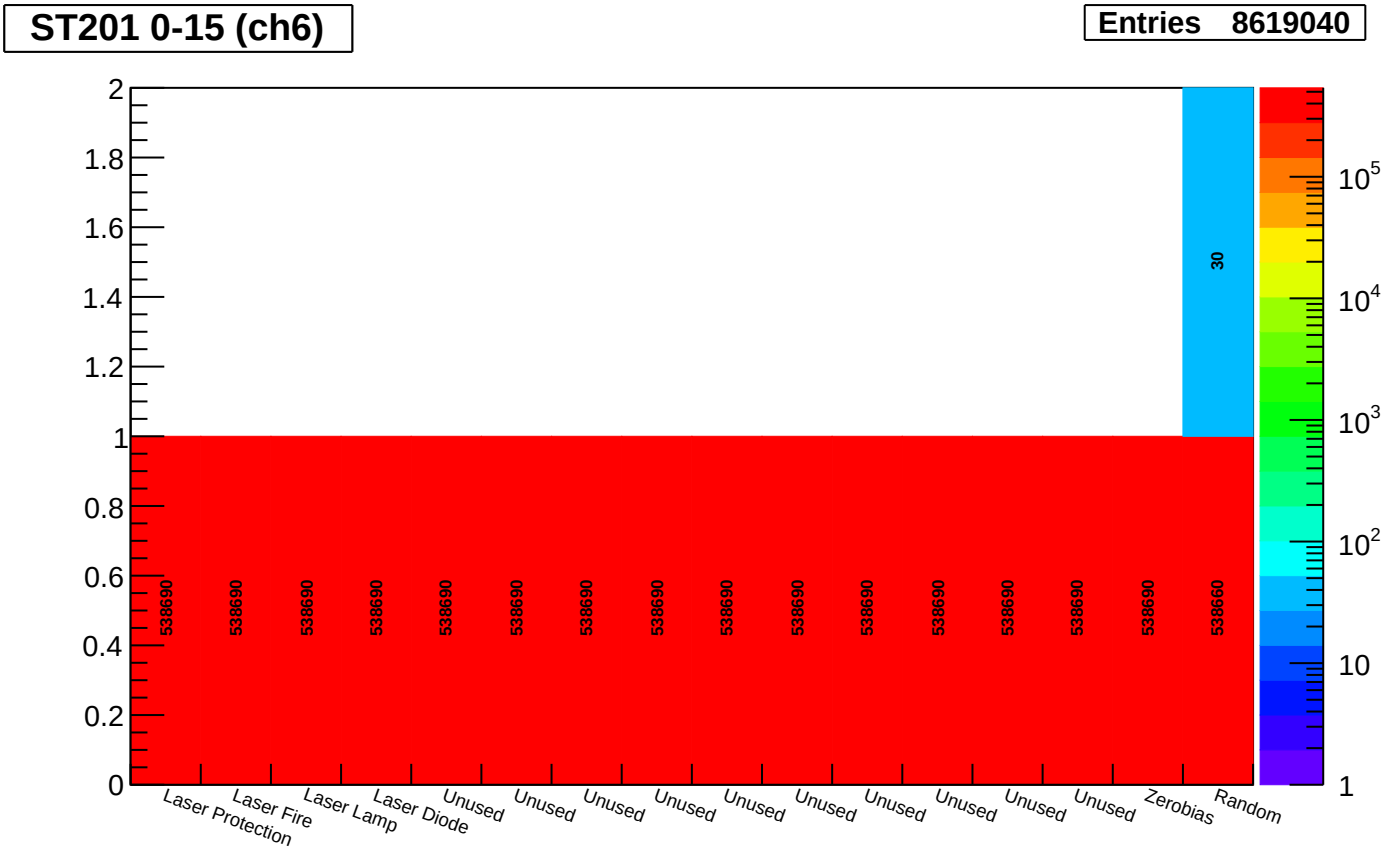

Entries 538690
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

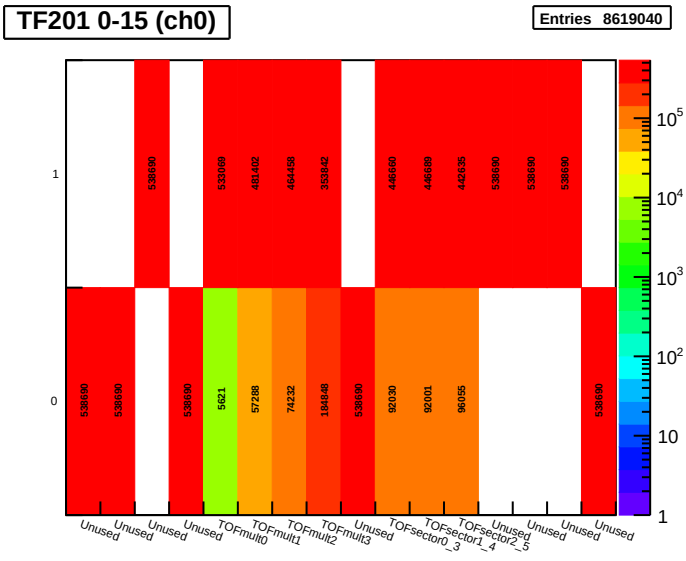

Entries 538690
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

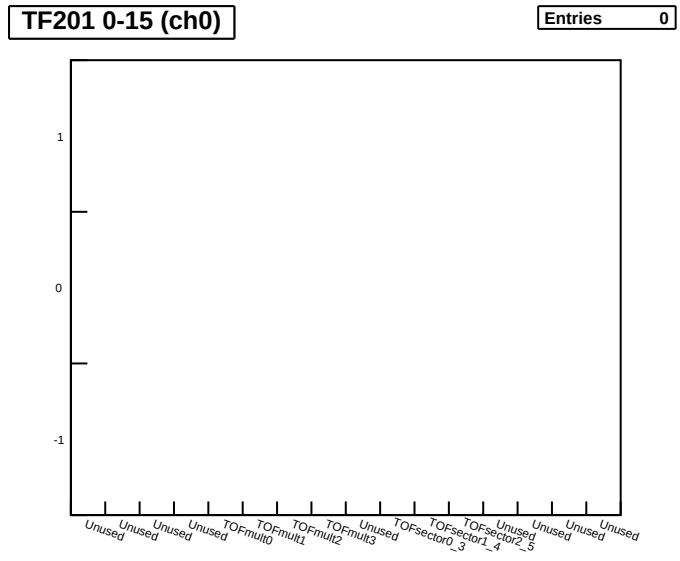

Entries 538690
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

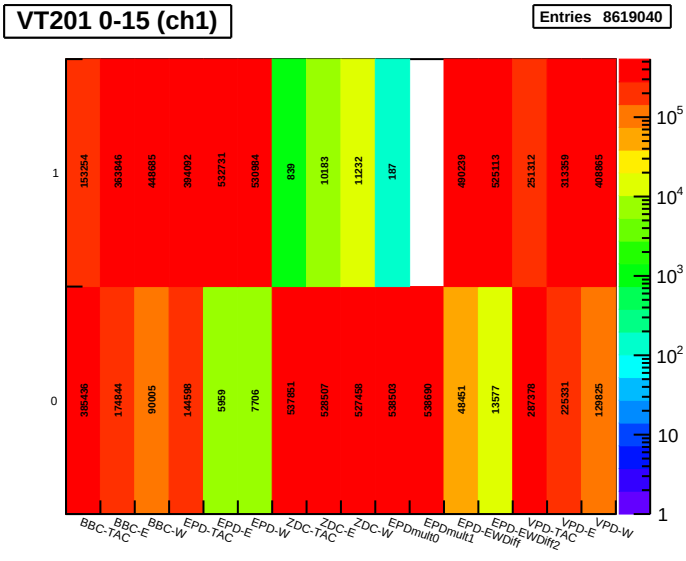

Entries 538690
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

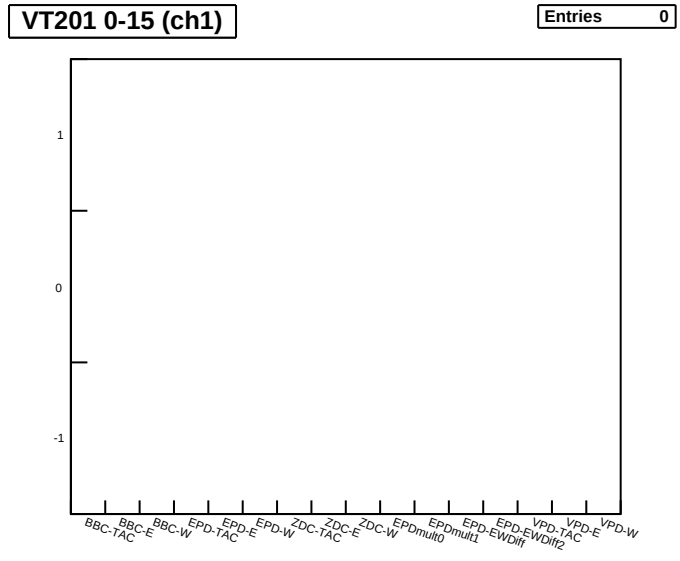

Laser Input Bits
Entries 538690
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

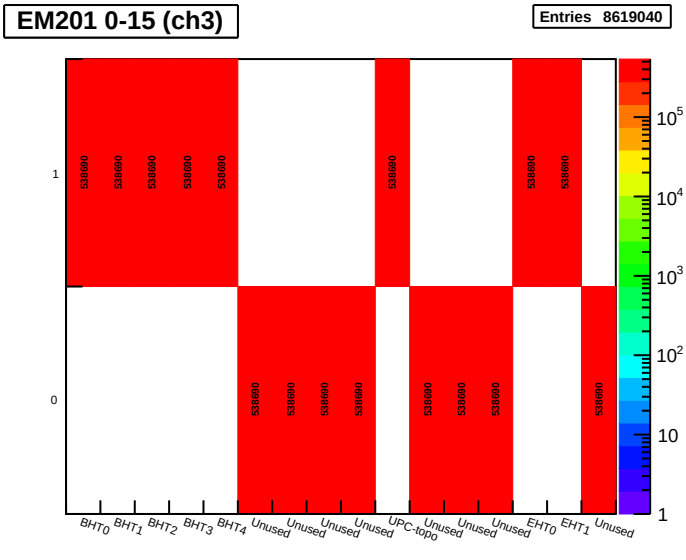

ST201 0-15 (ch6)
Entries 8619040
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
30
538690
538660
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

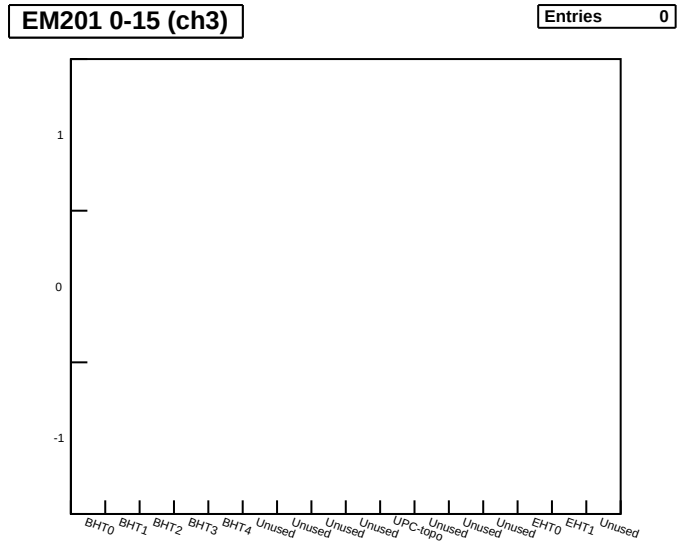

TF201 0-15 (ch0)
Entries 8619040
1
0
538690 538690 538690 538690 533069 481402 464458 353842 446660 446689 442635 538690 538690 538690
538690 538690 538690 5621 57288 74232 184848 538690 92030 92001 96095 538690
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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 8619040
1
0
153254 363846 449685 394092 532731 530984 839 10183 11232 187 490239 525113 251312 313359 408865
388436 174844 90005 144598 5959 7706 537651 528507 527458 538503 538690 48451 13577 287378 225331 129825
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 8619040
1
0
538690 538690 538690 538690 538690 538690 538690 538690 538690
538690 538690 538690 538690 538690 538690 538690 538690
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