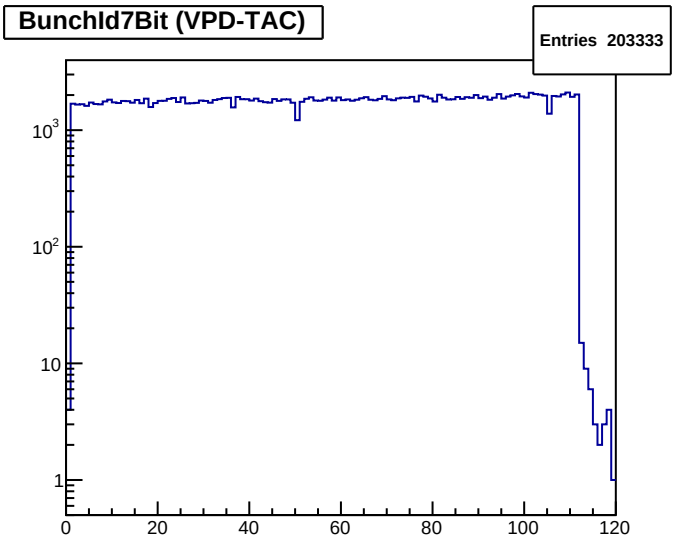
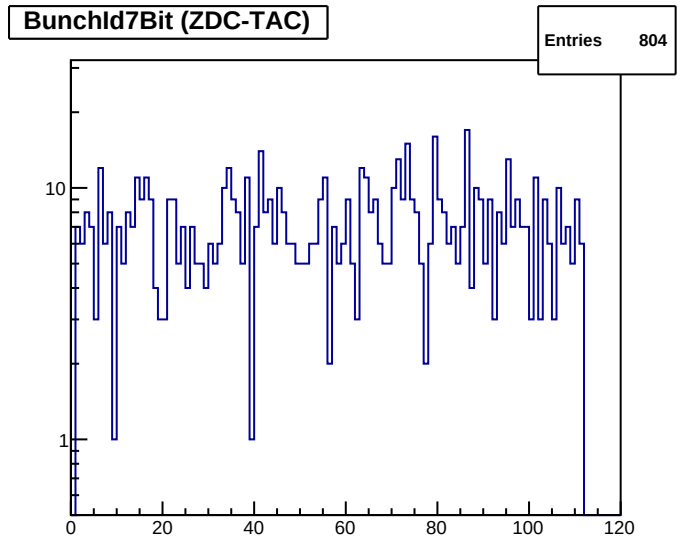
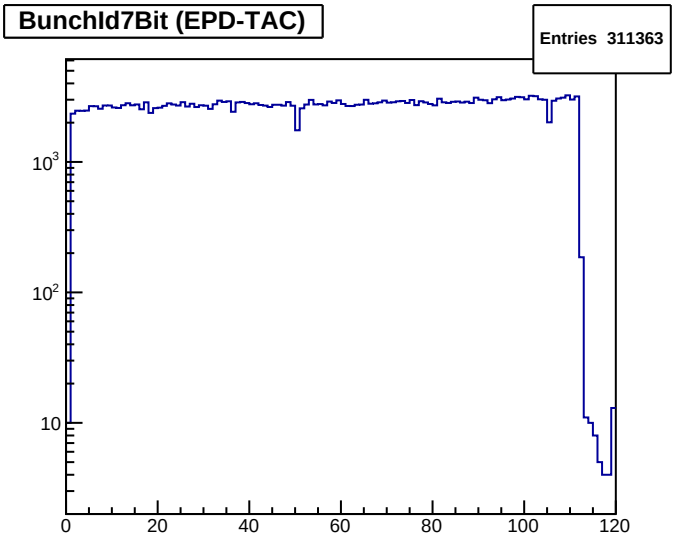
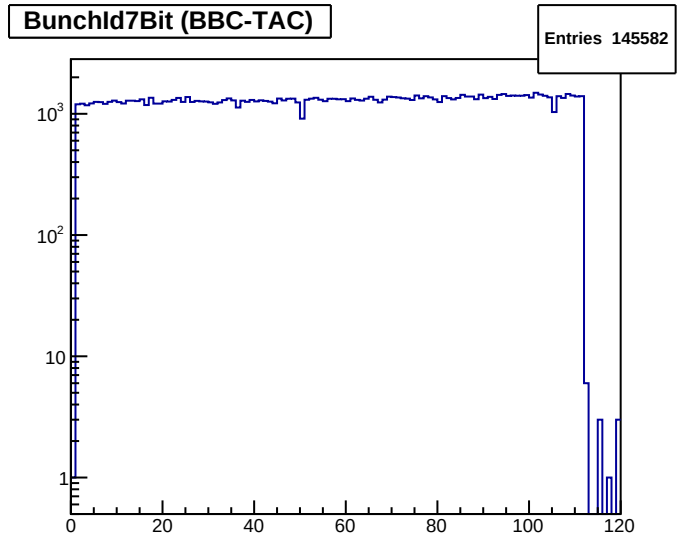
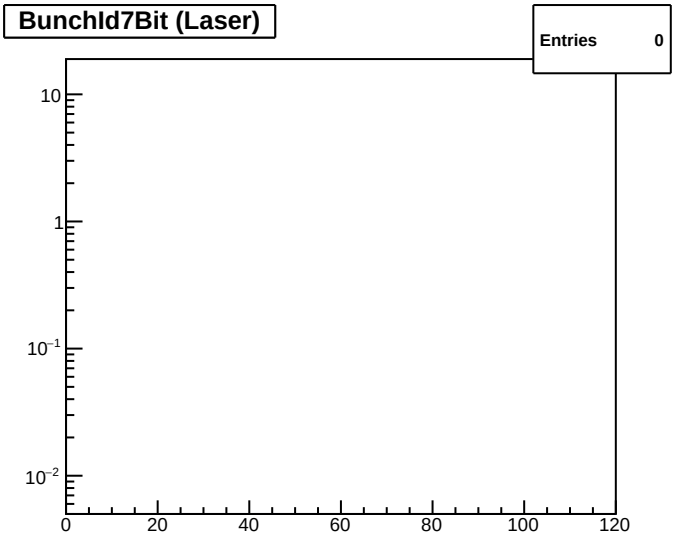
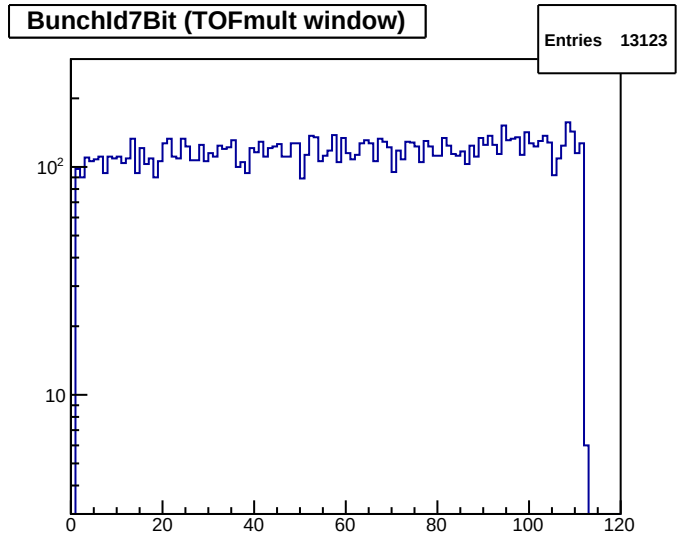

BunchId7Bit (VPD-TAC)
Entries 203333

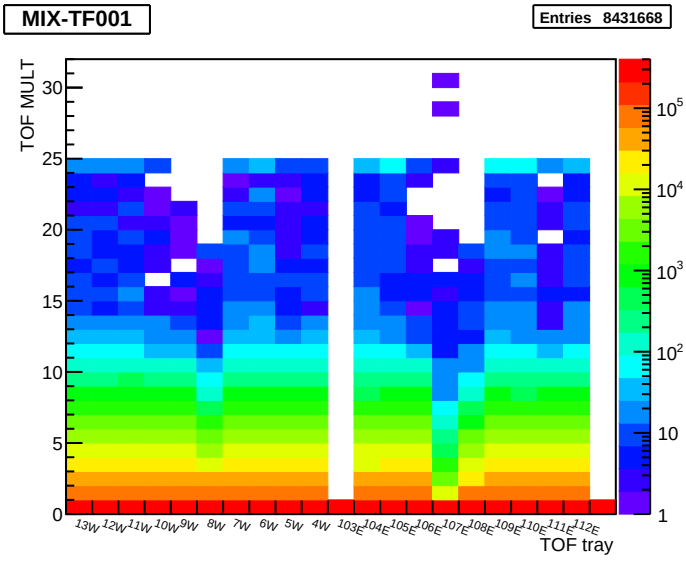

BunchId7Bit (ZDC-TAC)
Entries 804

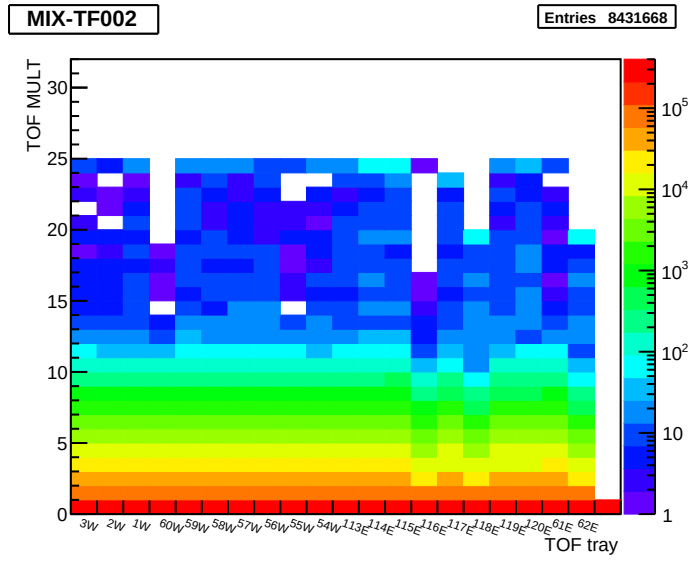

BunchId7Bit (EPD-TAC)
Entries 311363

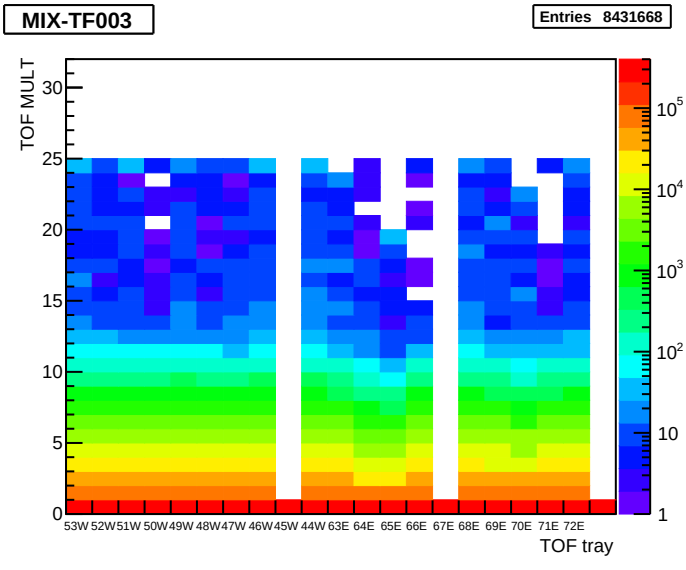

BunchId7Bit (BBC-TAC)
Entries 145582

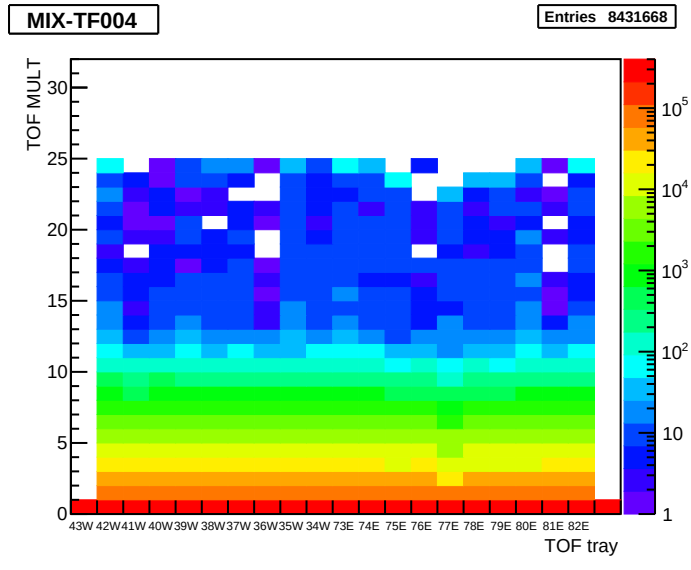

BunchId7Bit (Laser)
Entries 0

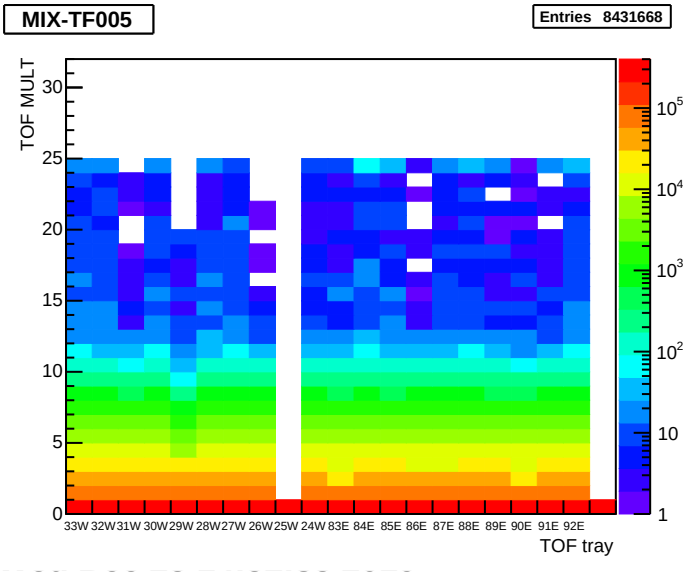

BunchId7Bit (TOFmult window)
Entries 13123

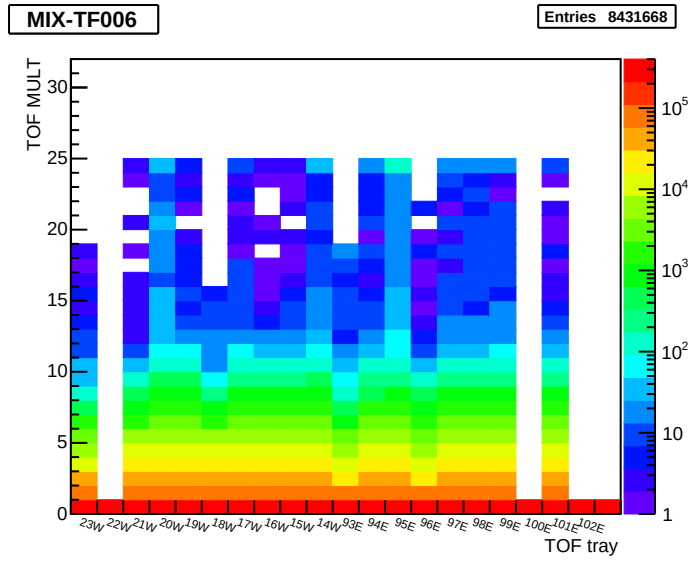

MIX-TF001
Entries 8431668
TOF MULT
TOF tray

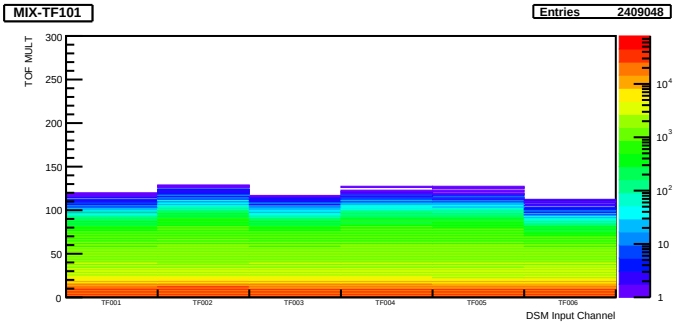

MIX-TF002
Entries 8431668
TOF MULT
TOF tray

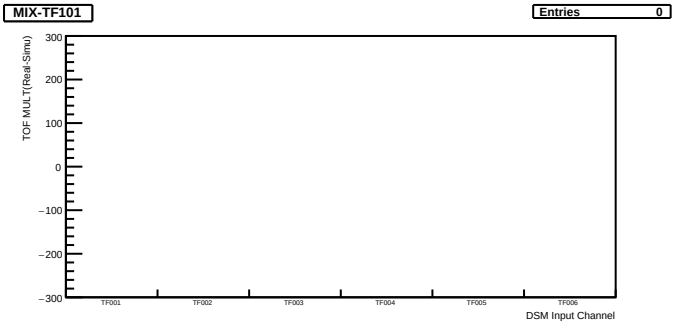

MIX-TF003
Entries 8431668
TOF MULT
TOF tray

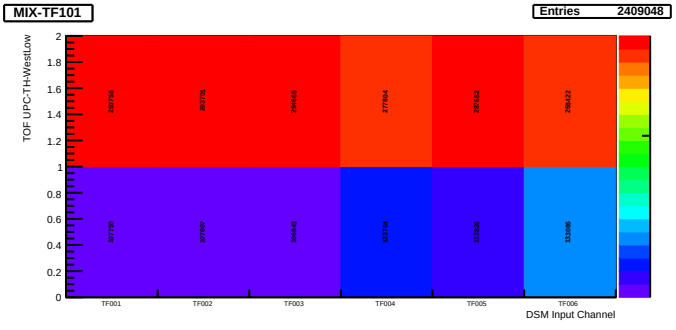

MIX-TF004
Entries 8431668
TOF MULT
TOF tray

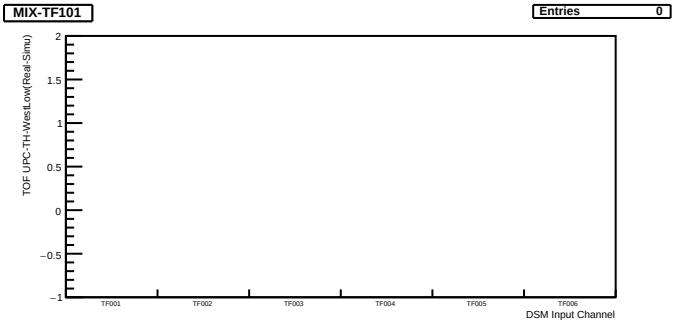

MIX-TF005
Entries 8431668
TOF MULT
TOF tray

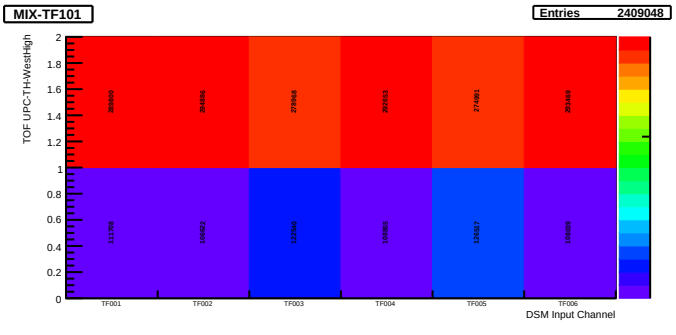

MIX-TF006
Entries 8431668
TOF MULT
TOF tray

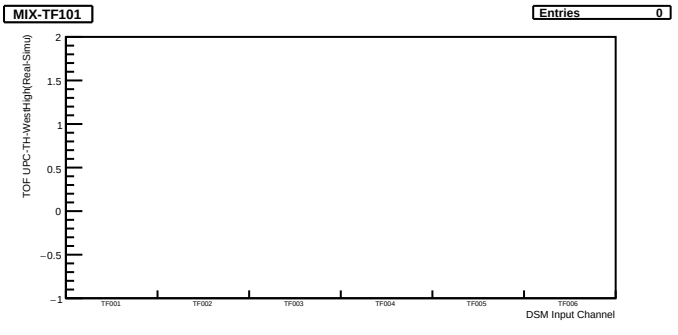

MIX-TF101
Entries 2409048
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

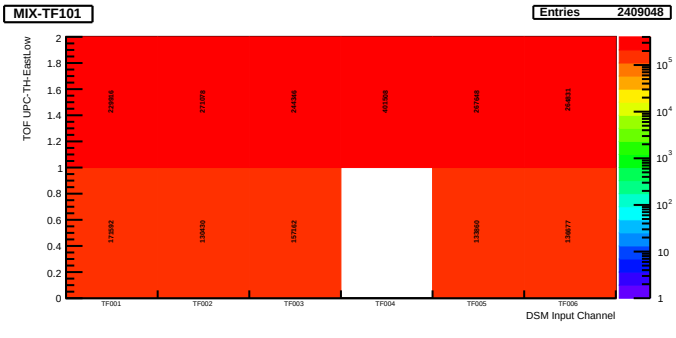

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

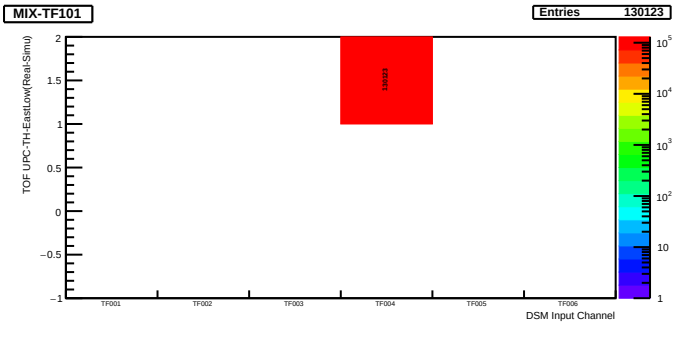

MIX-TF101
Entries 2409048
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

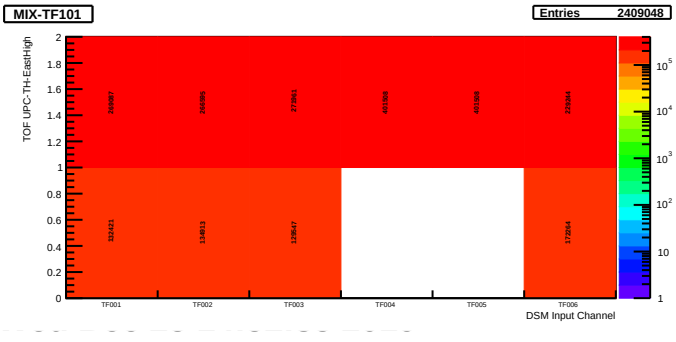

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

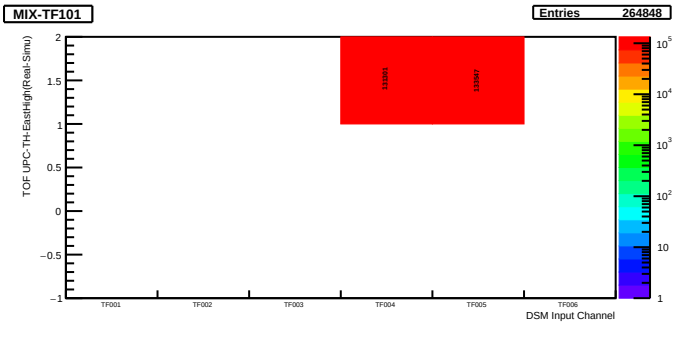

MIX-TF101
Entries 2409048
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

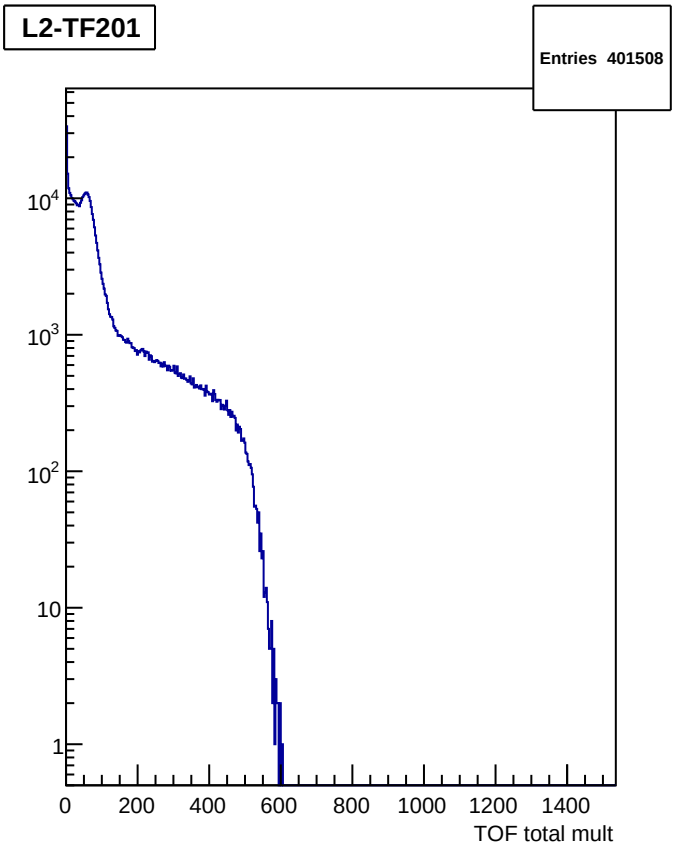

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

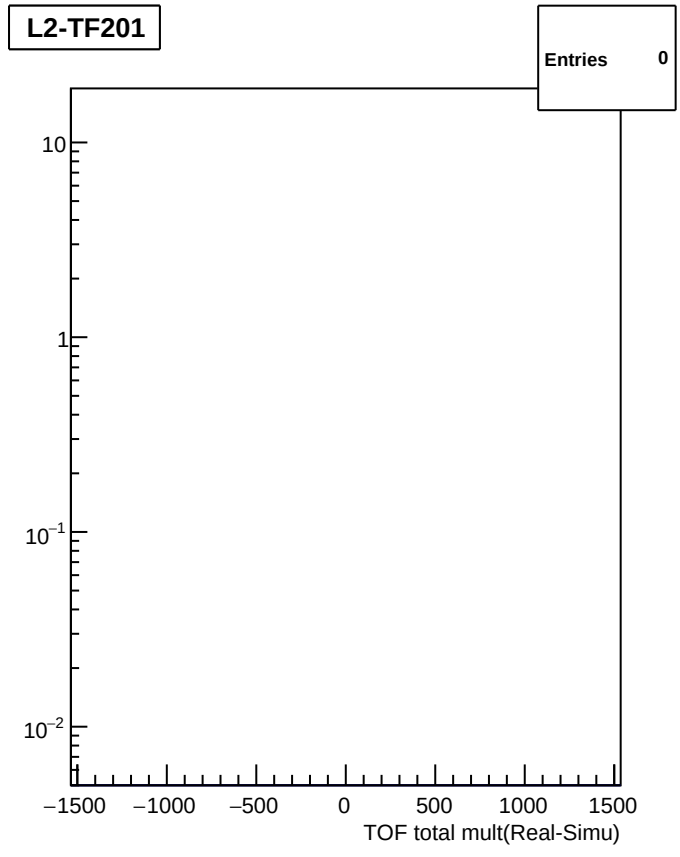

MIX-TF101
Entries 2409048
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

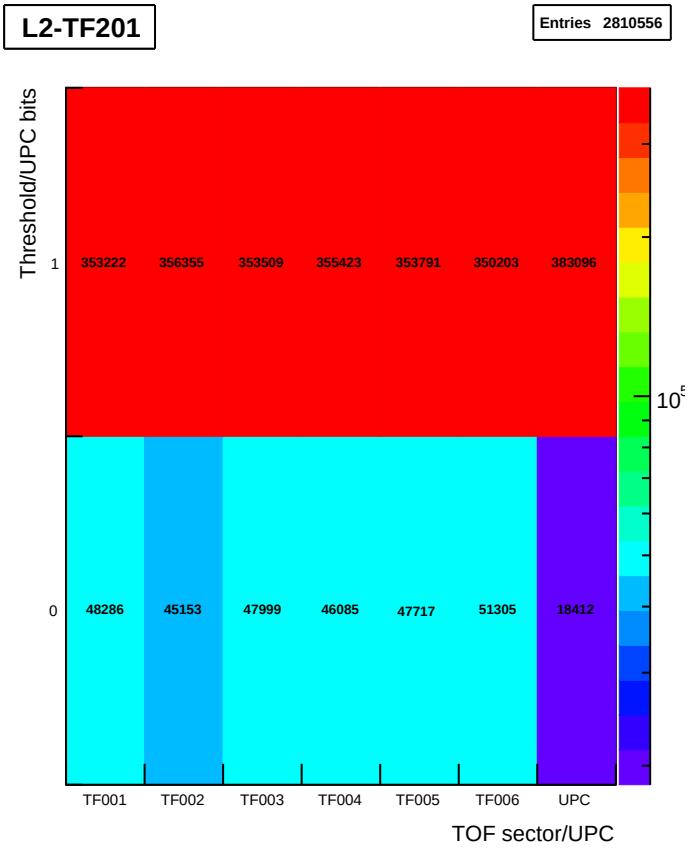

MIX-TF101
Entries 130123
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

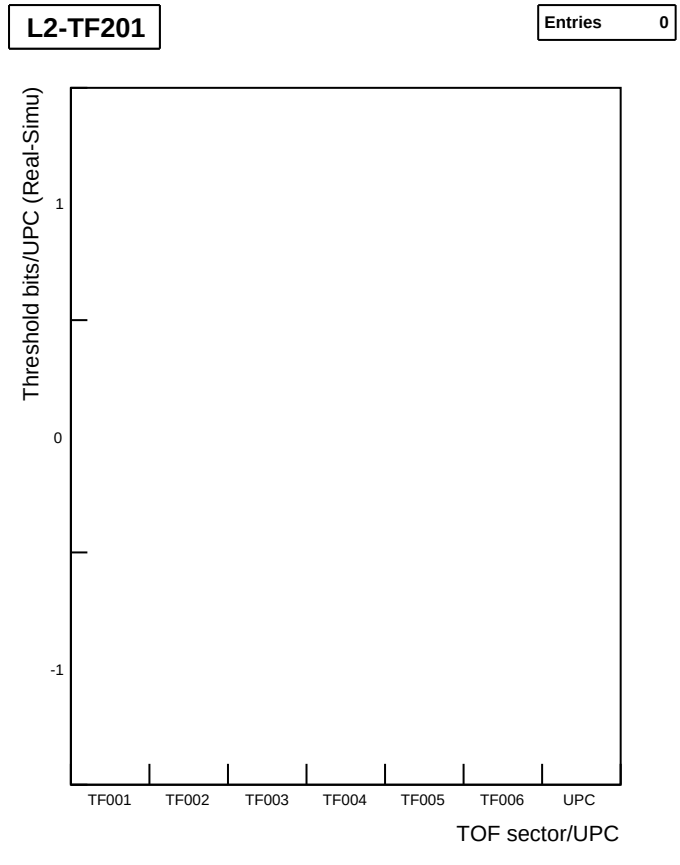

MIX-TF101
Entries 2409048
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

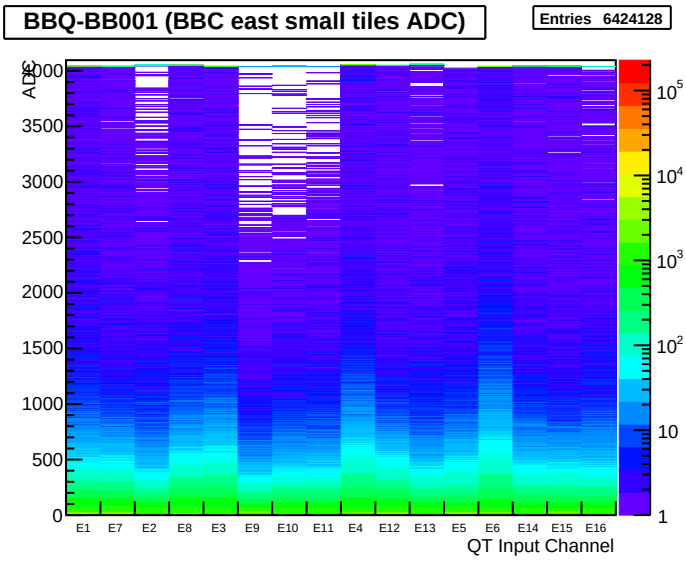

MIX-TF101
Entries 264848
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

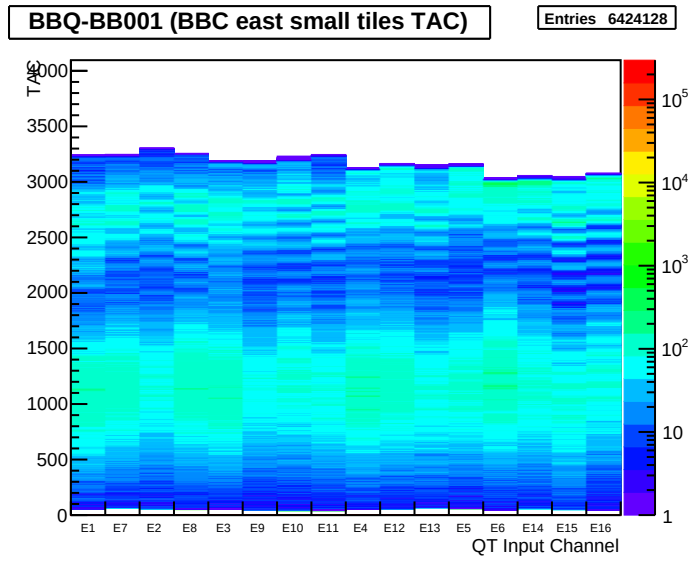

L2-TF201
Entries 401508
TOF total mult

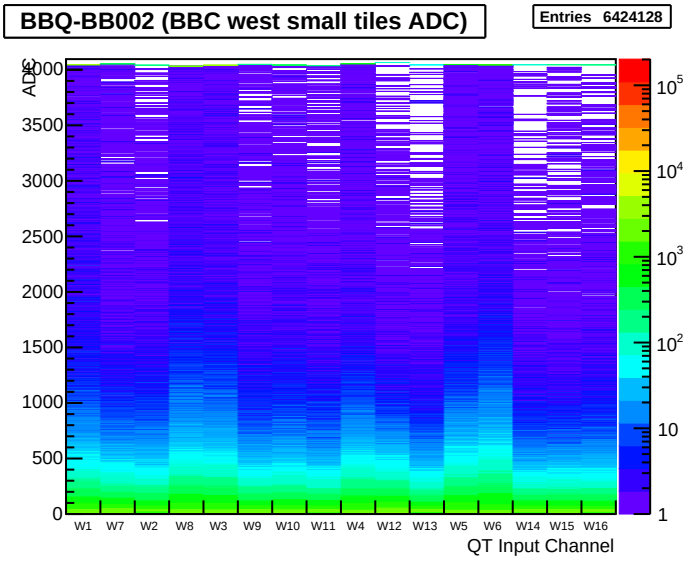

L2-TF201
Entries 0
TOF total mult(Real-Simu)

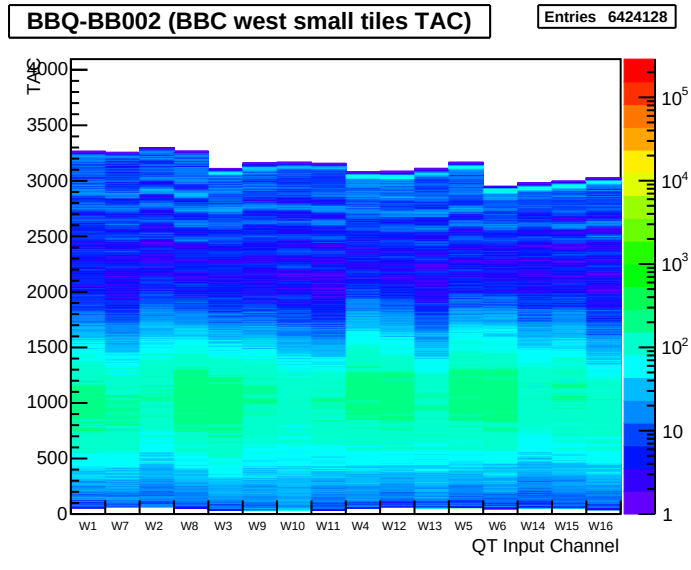

L2-TF201
Entries 2810556
Threshold/UPC bits
353222
356355
353509
355423
353791
350203
383096
48286
45153
47999
46085
47717
51305
18412
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

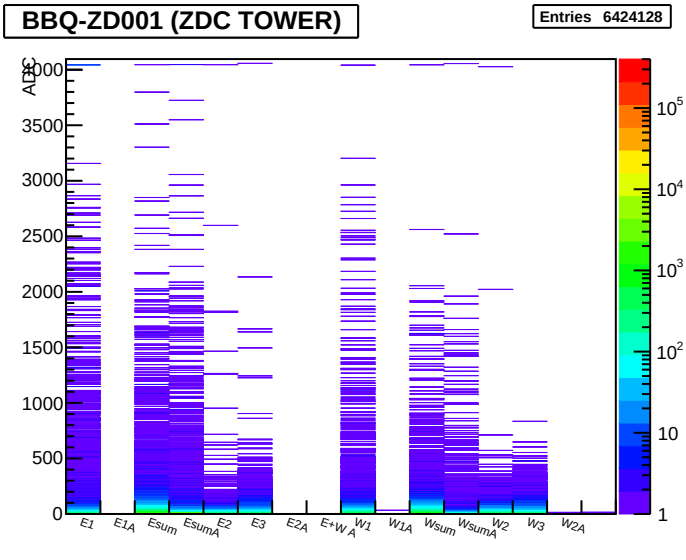

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

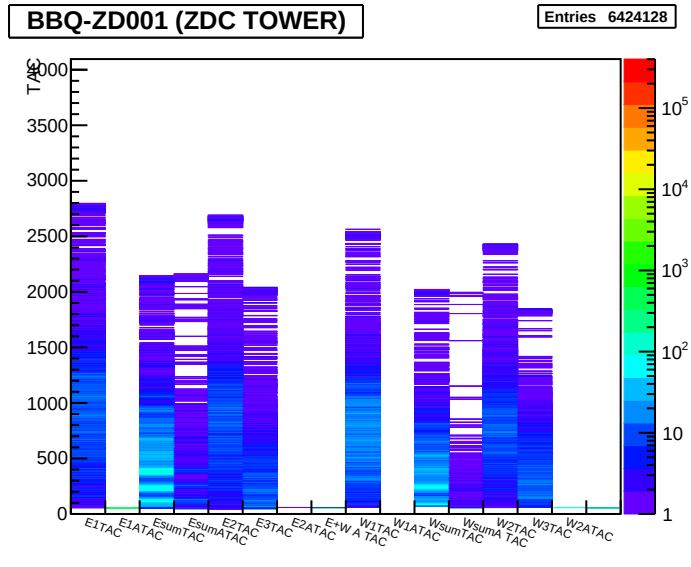

BBQ-BB001 (BBC east small tiles ADC)
Entries 6424128
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

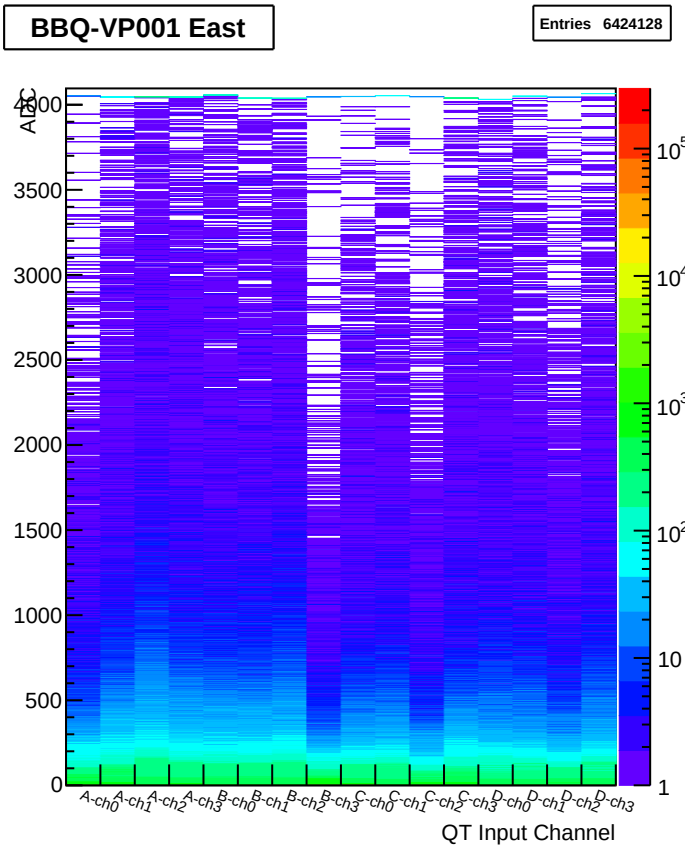

BBQ-BB001 (BBC east small tiles TAC)
Entries 6424128
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

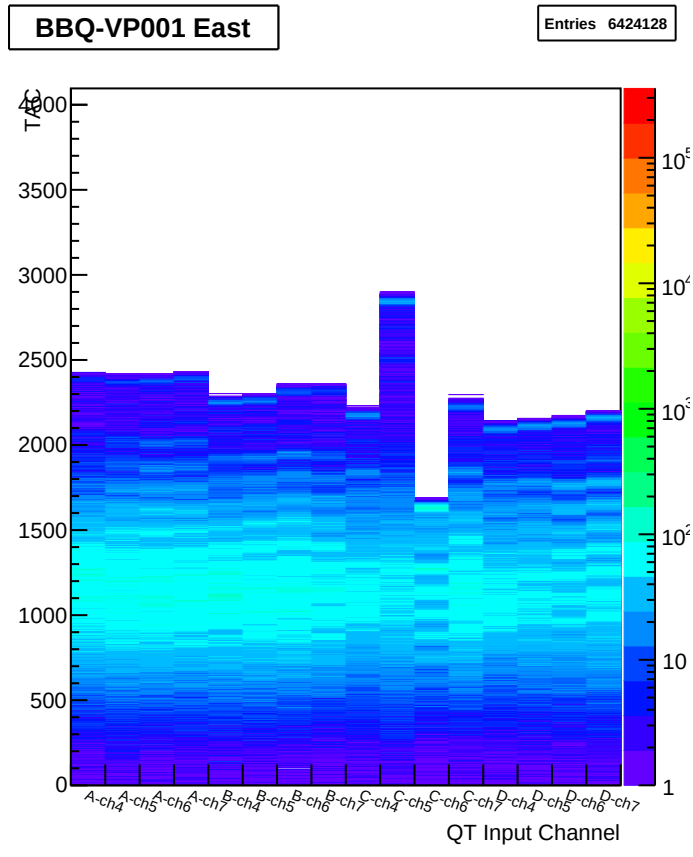

BBQ-BB002 (BBC west small tiles ADC)
Entries 6424128
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

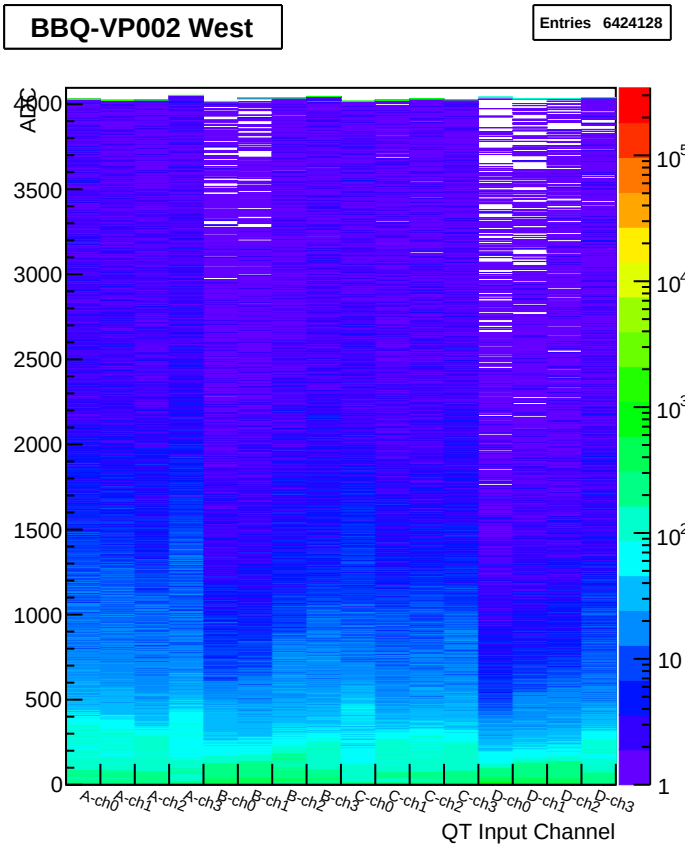

BBQ-BB002 (BBC west small tiles TAC)
Entries 6424128
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

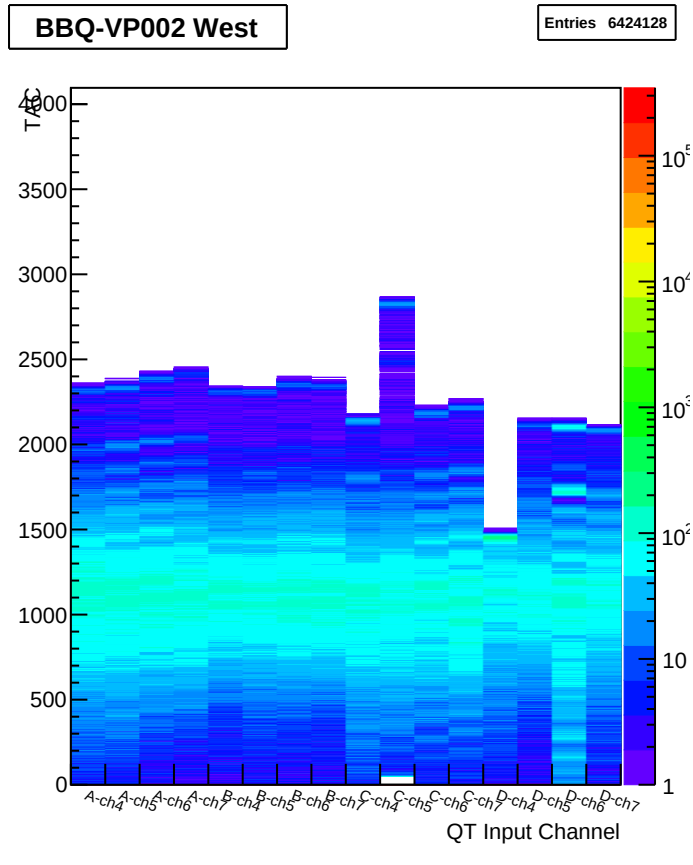

BBQ-ZD001 (ZDC TOWER)
Entries 6424128
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

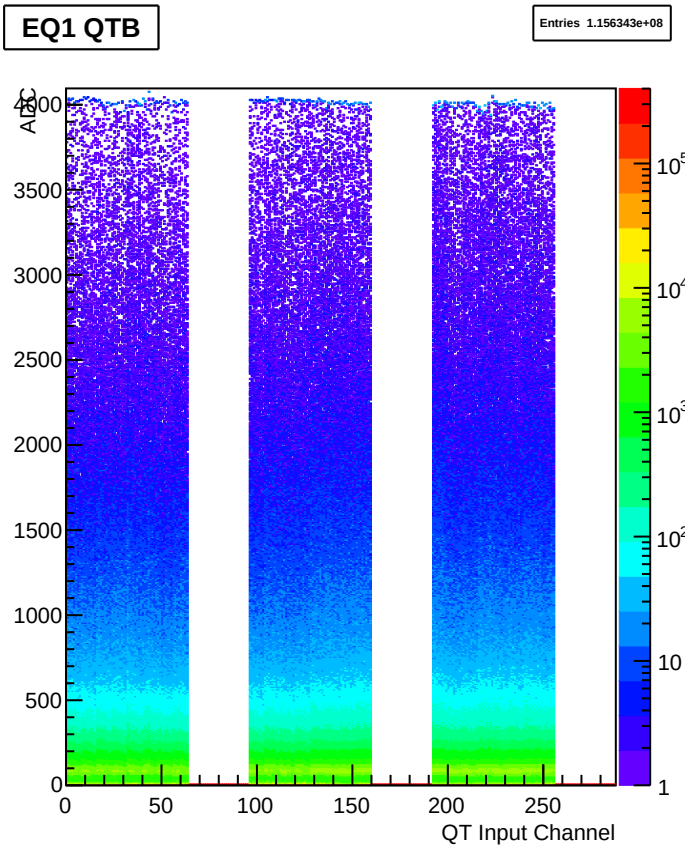

BBQ-ZD001 (ZDC TOWER)
Entries 6424128
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

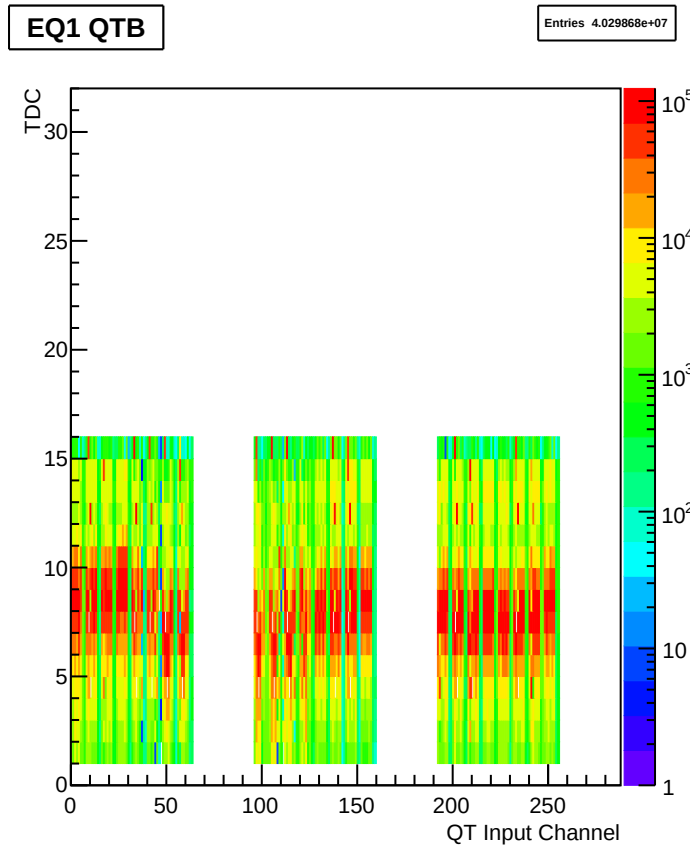

BBQ-VP001 East
Entries 6424128
ADC
QT Input Channel

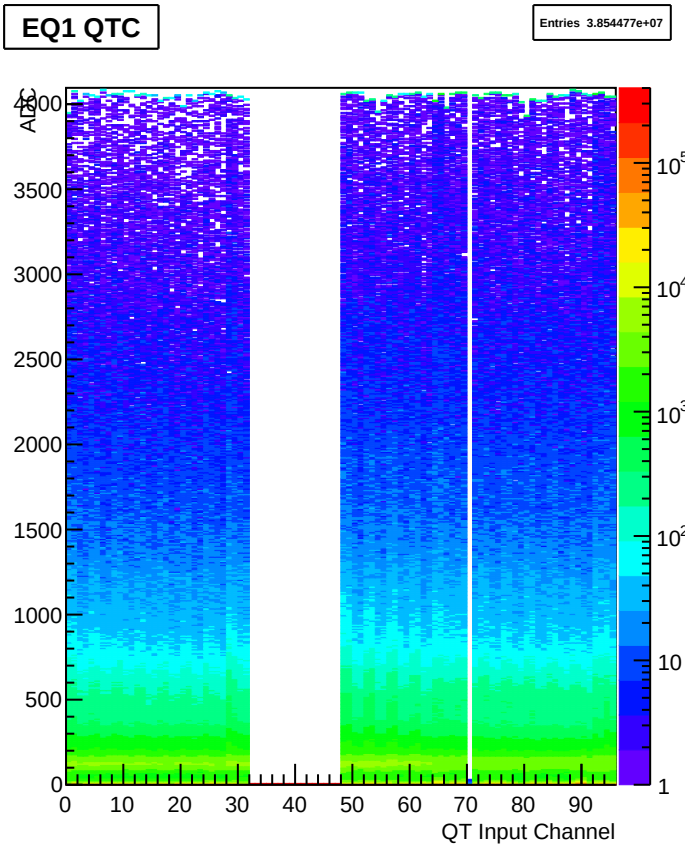

BBQ-VP001 East
Entries 6424128
ADC
QT Input Channel

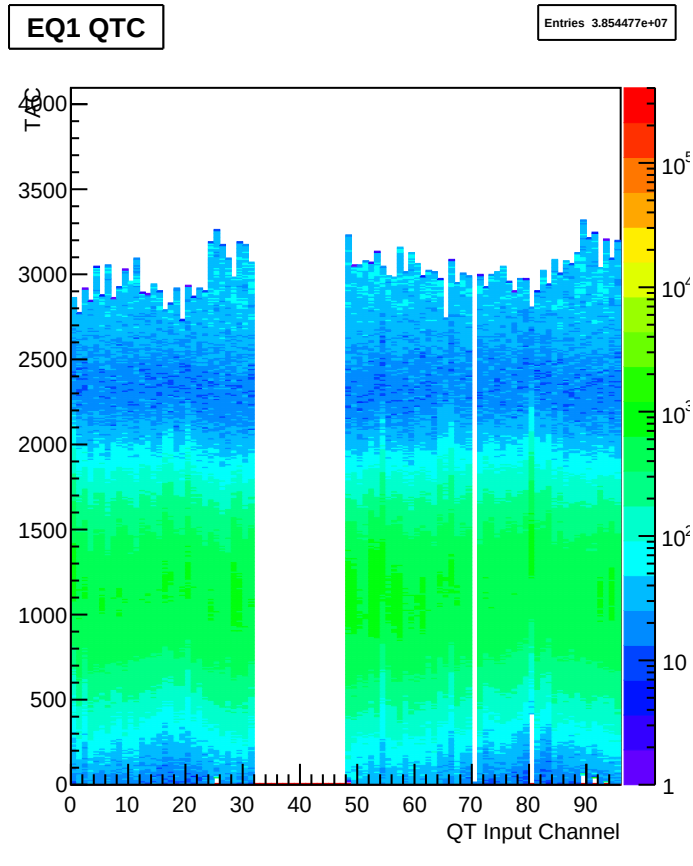

BBQ-VP002 West
Entries 6424128
ADC
QT Input Channel

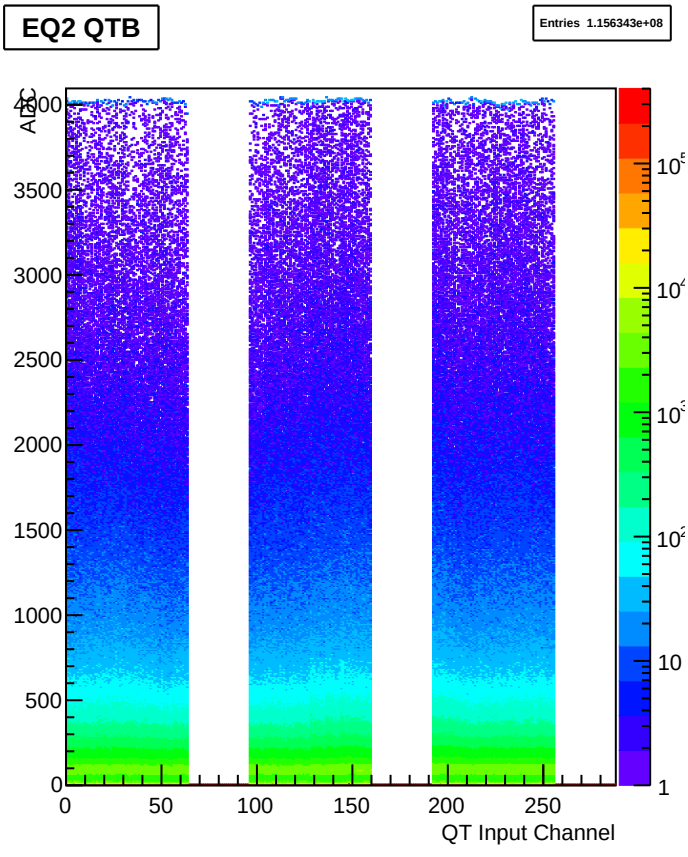

BBQ-VP002 West
Entries 6424128
ADC
QT Input Channel

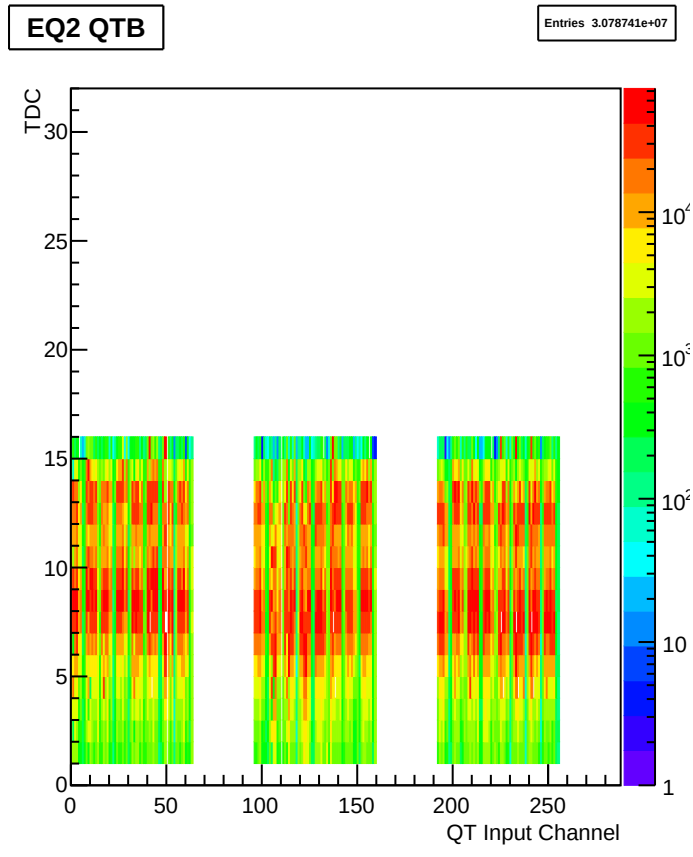

EQ1 QTB
Entries 1.156343e+08
ADC
QT Input Channel

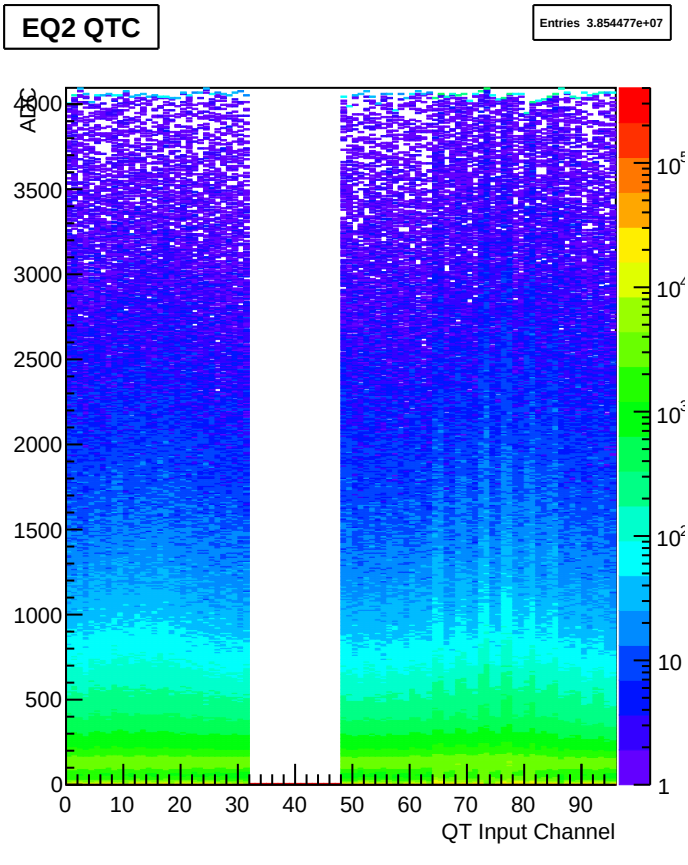

EQ1 QTB
Entries 4.029868e+07
TDC
QT Input Channel

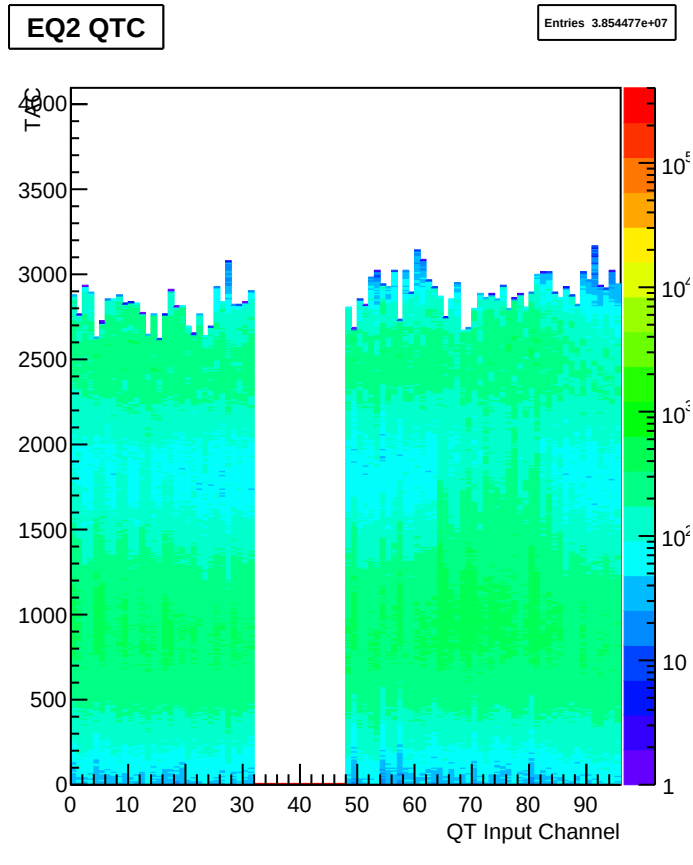

EQ1 QTC
Entries 3.854477e+07
ADC
QT Input Channel

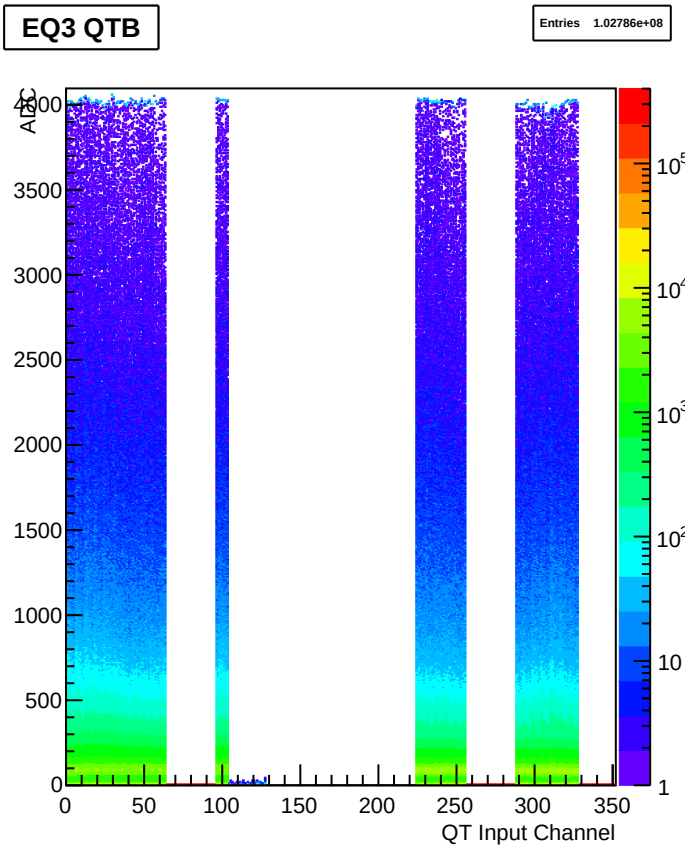

EQ1 QTC
Entries 3.854477e+07
TADC
QT Input Channel

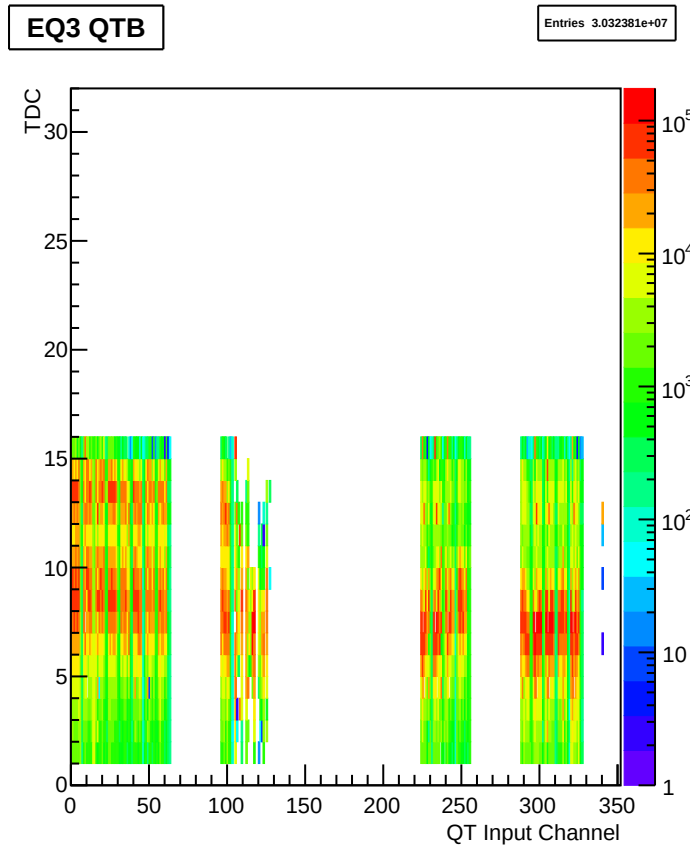

EQ2 QTB
Entries 1.156343e+08
ADC
QT Input Channel

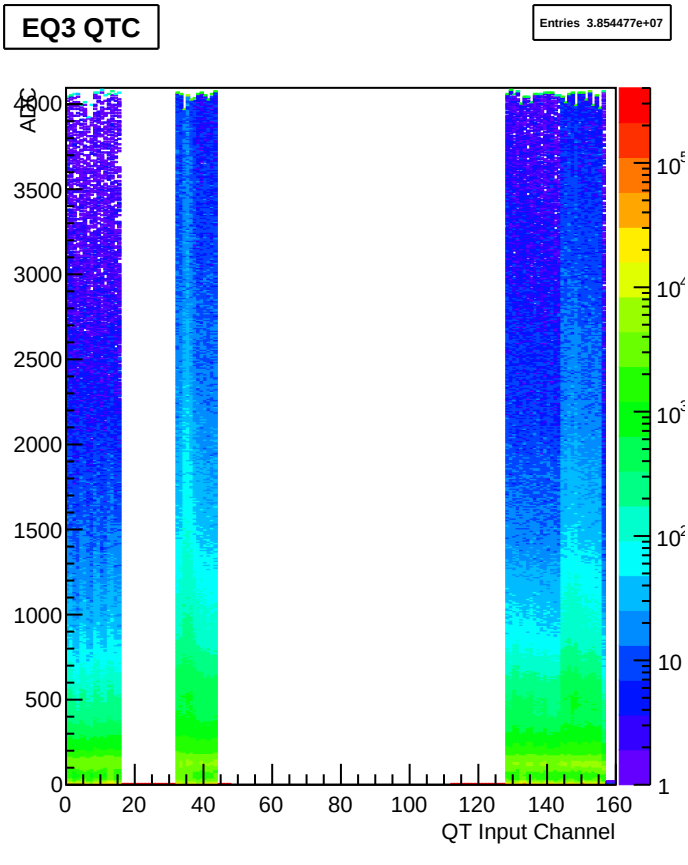

EQ2 QTB
Entries 3.078741e+07
TDC
QT Input Channel

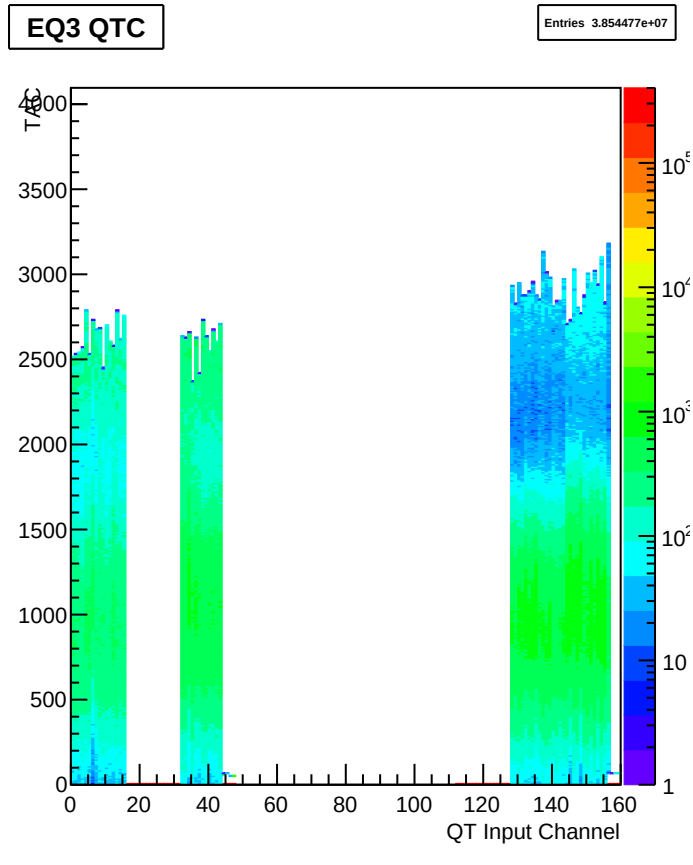

EQ2 QTC
Entries 3.854477e+07
ADC
QT Input Channel

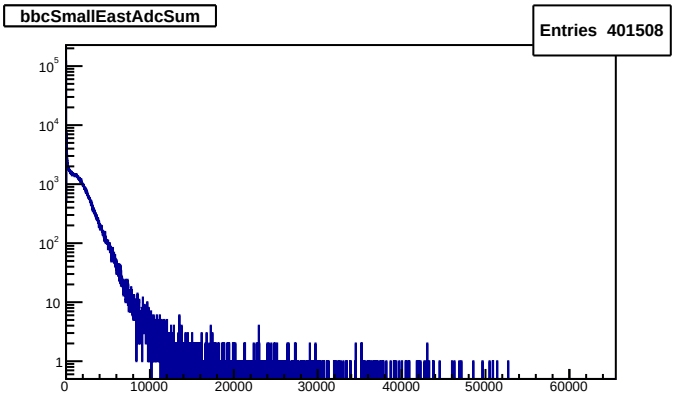

EQ2 QTC
Entries 3.854477e+07
TADC
QT Input Channel

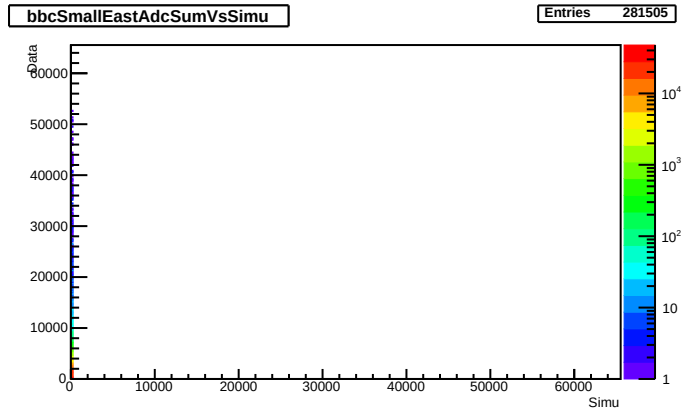

EQ3 QTB
Entries 1.02786e+08
ADC
QT Input Channel

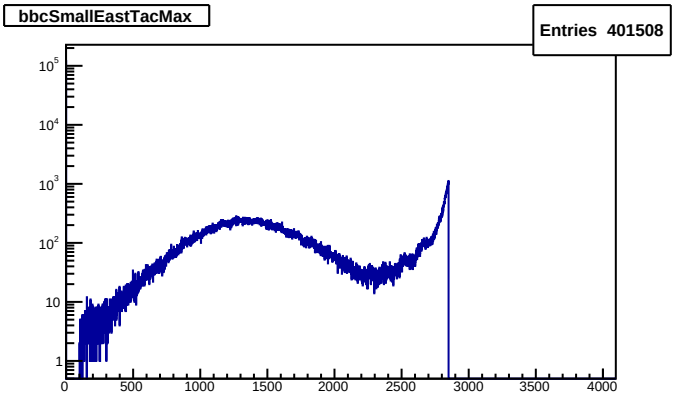

EQ3 QTB
Entries 3.032381e+07
TDC
QT Input Channel

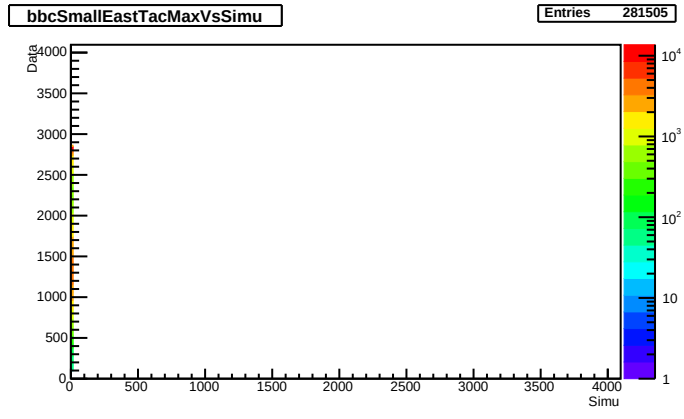

EQ3 QTC
Entries 3.854477e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.854477e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 401508


bbcSmallEastAdcSumVsSimu
Entries 281505
Data
Simu


bbcSmallEastTacMax
Entries 401508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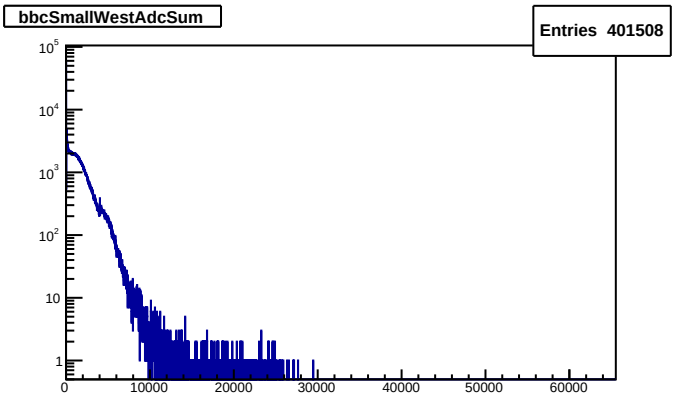
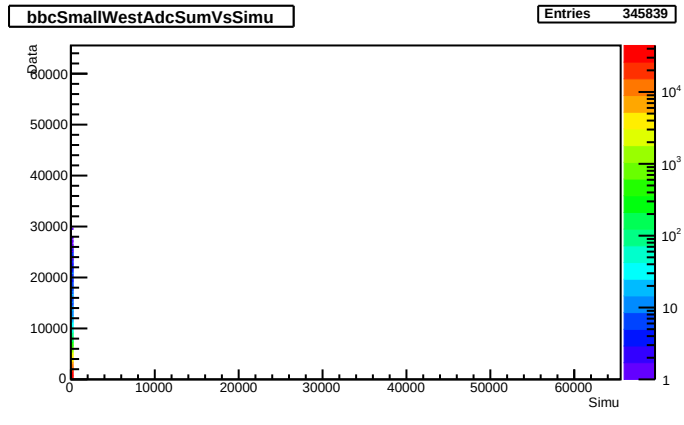
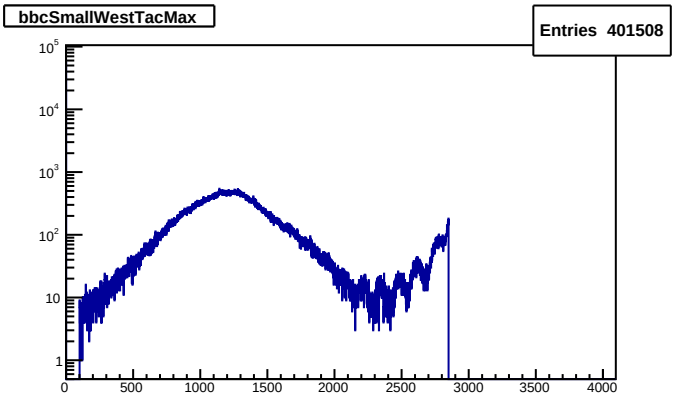
Entries 281505
Data
Simu


bbcSmallWestAdcSum
Entries 401508


bbcSmallWestAdcSumVsSimu
Entries 345839
Data
Simu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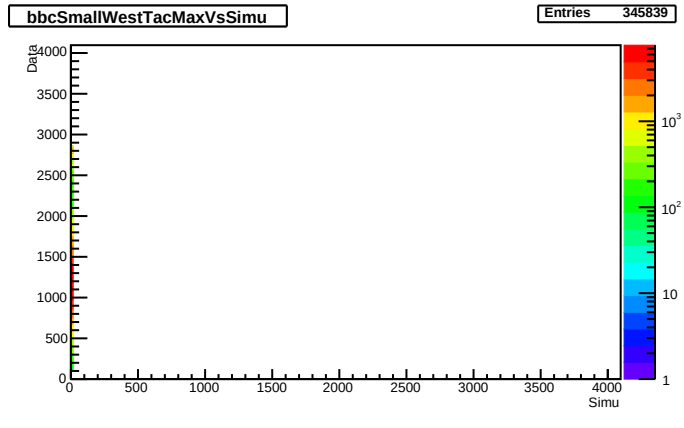
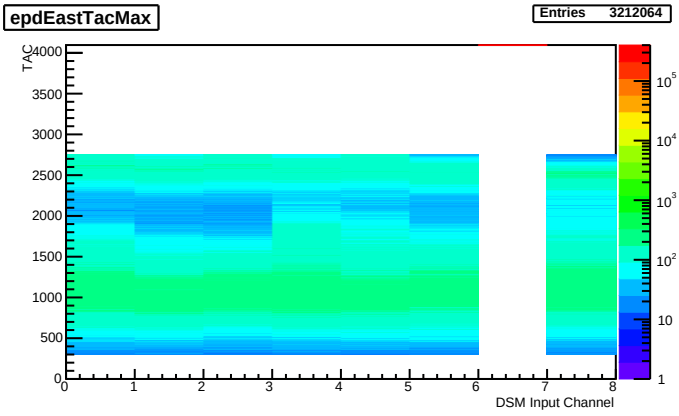
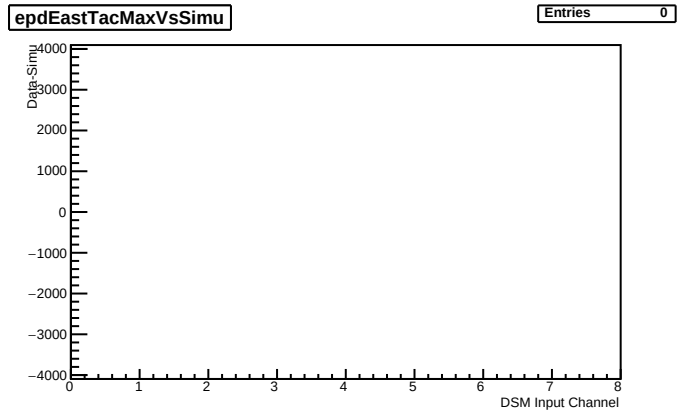
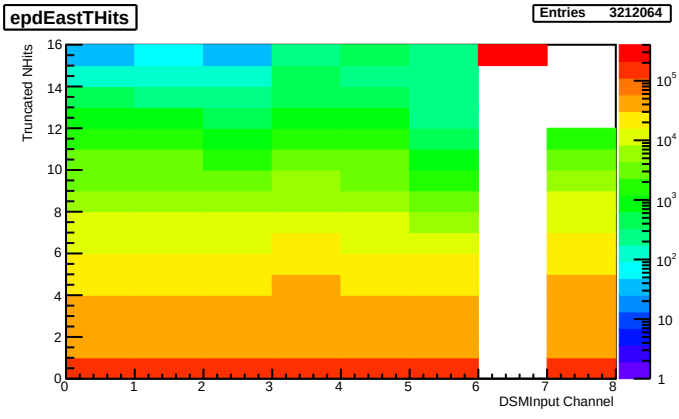
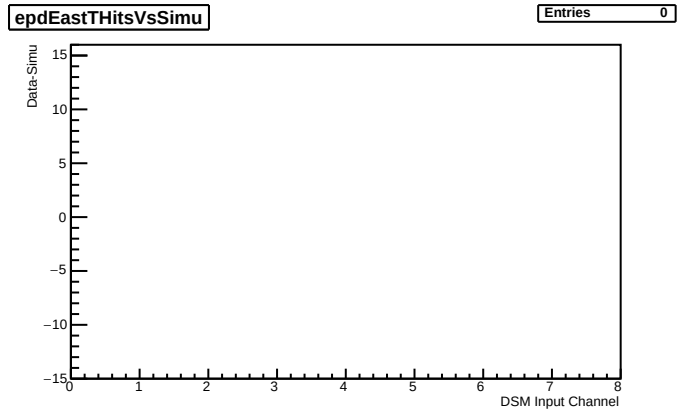
Entries 401508


bbcSmallWestTacMaxVsSimu
Entries 345839
Data
Simu


epdEastTacMax
Entries 3212064
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3212064
Truncated NHits
DSMInput Channel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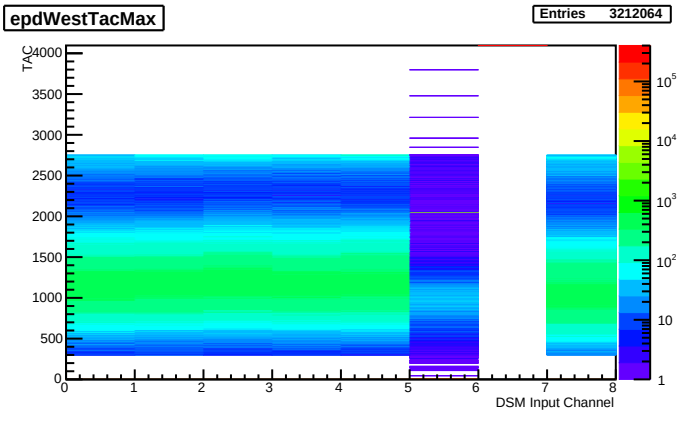
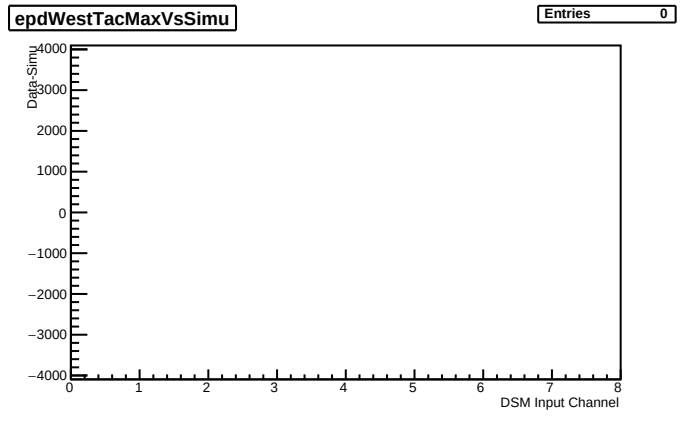
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3212064
TAC
DSM Input Channel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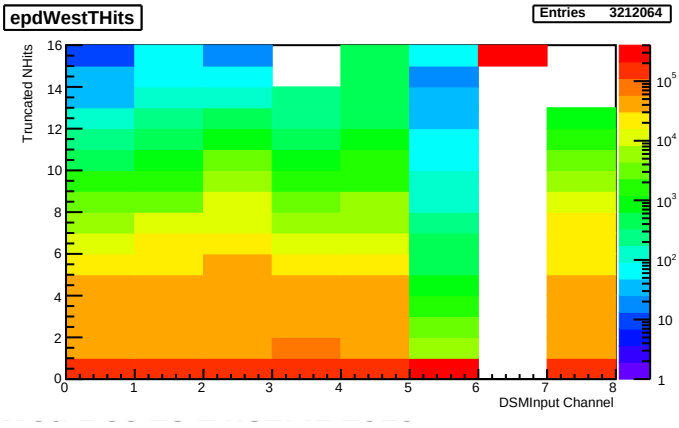
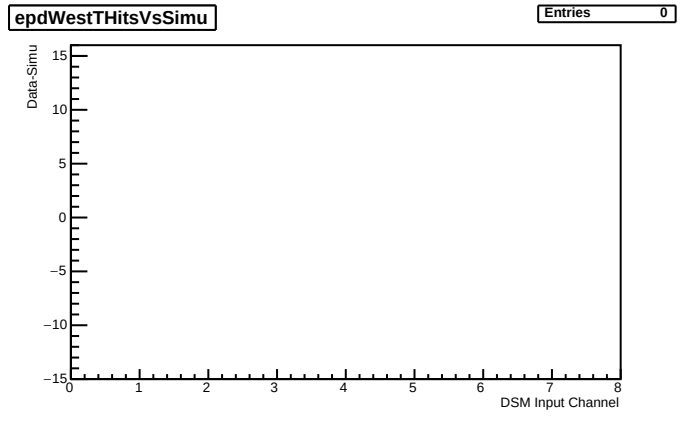
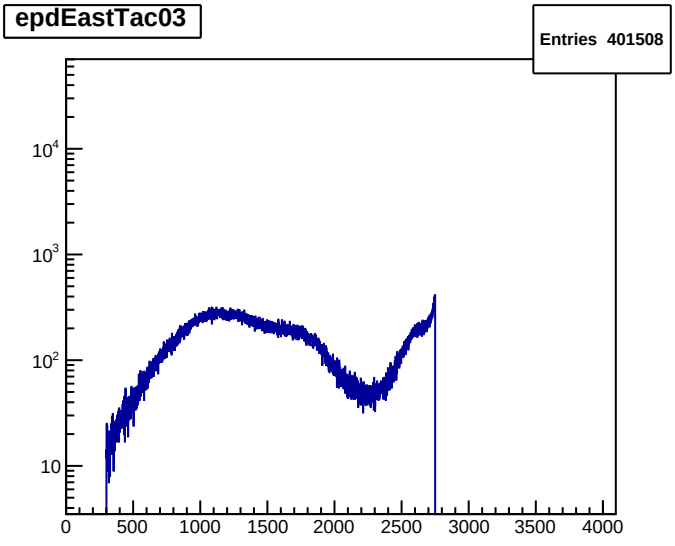
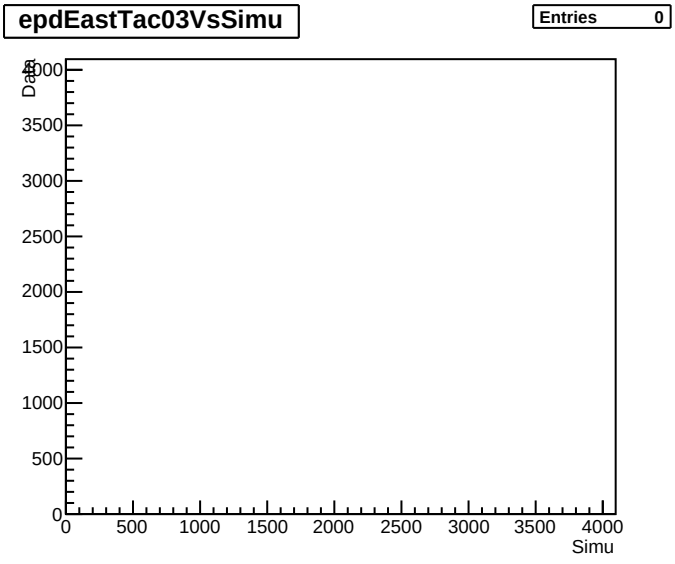
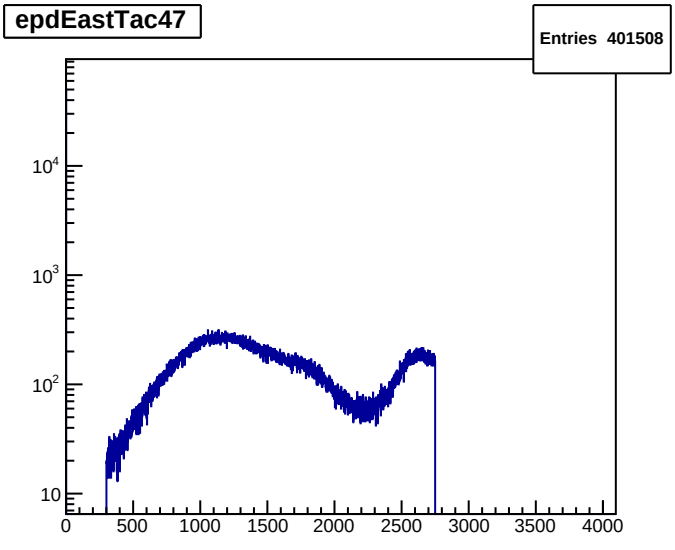
Entries 0
Data-Simu
DSM Input Channel

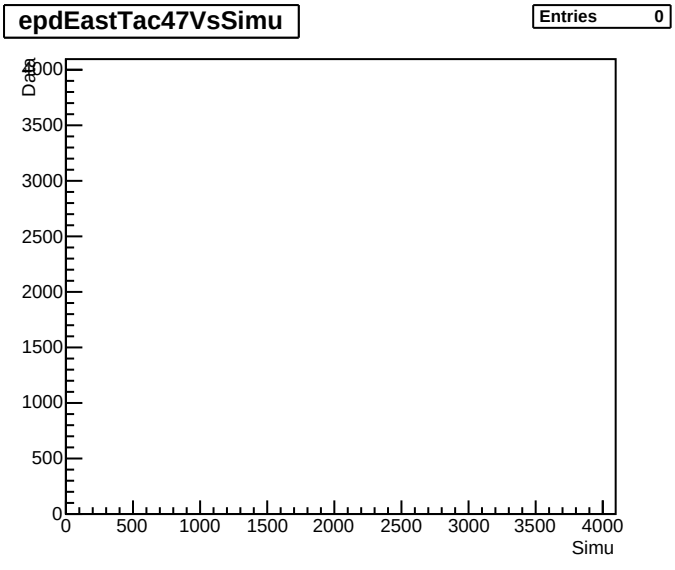

epdWestTHits
Entries 3212064
Truncated NHits
DSMInput Channel

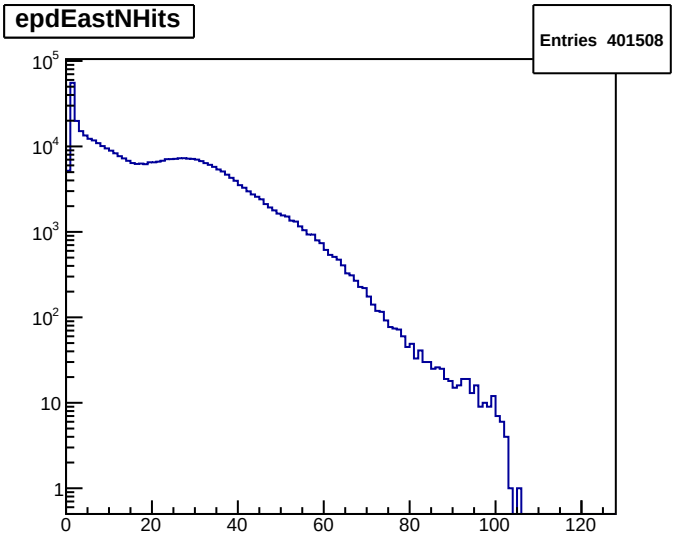

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

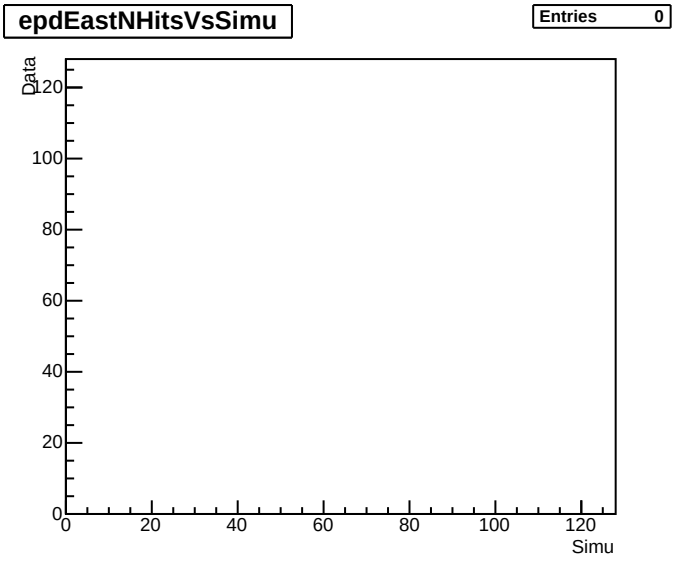

epdEastTac03
Entries 401508
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000

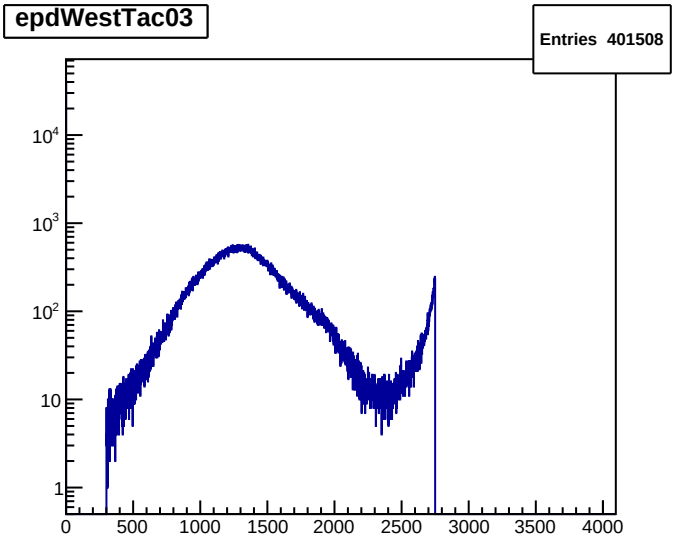

epdEastTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

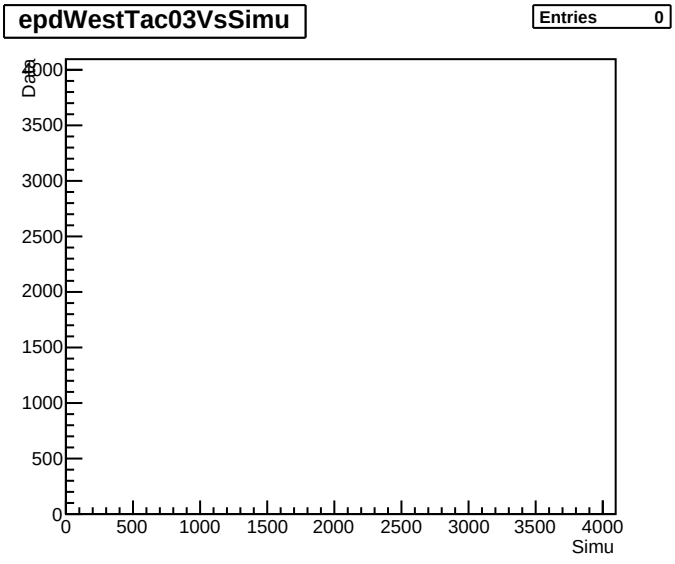

epdEastTac47
Entries 401508
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac47VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastNHits
Entries 401508
10^5
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120


epdEastNHitsVsSimu
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu


epdWestTac03
Entries 401508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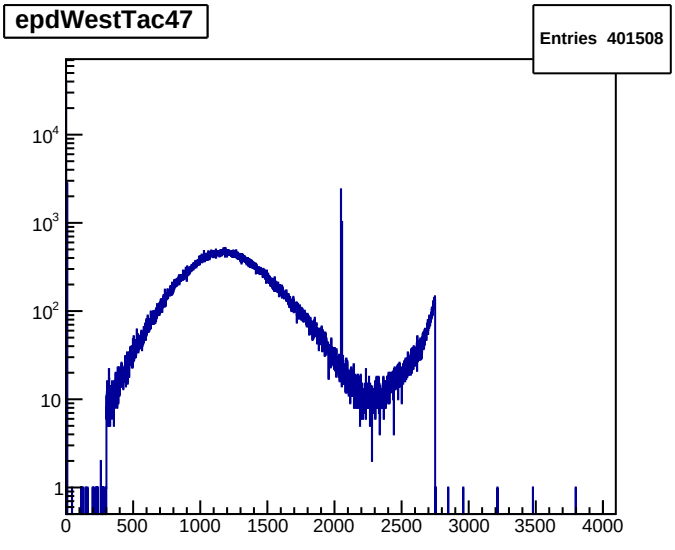
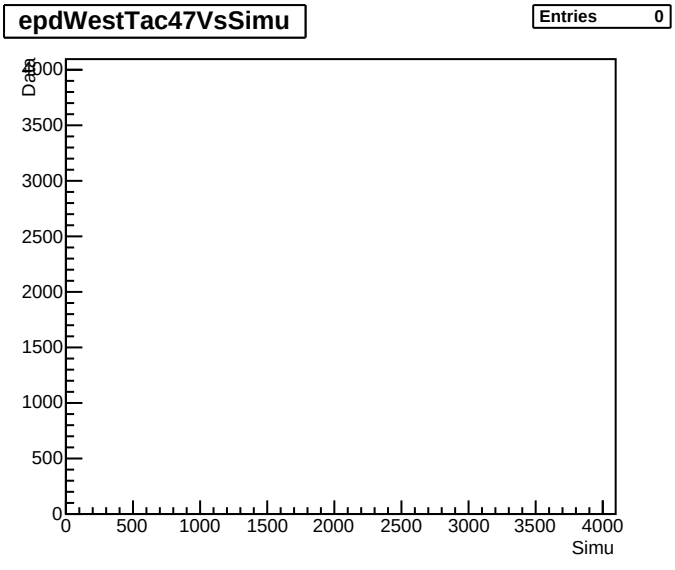
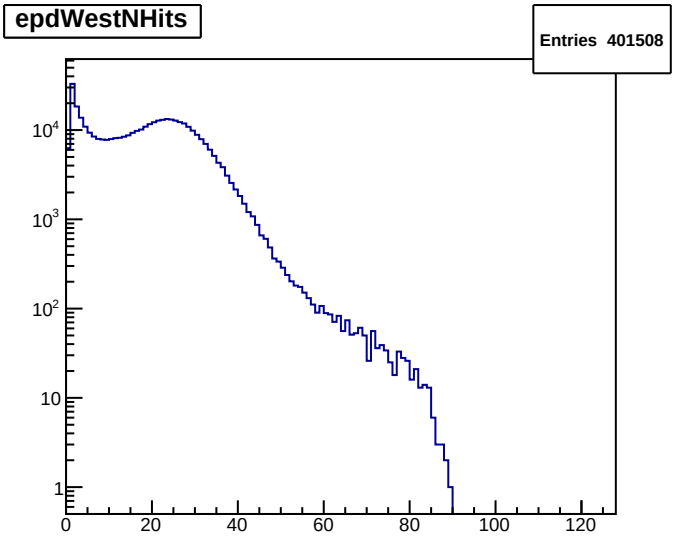
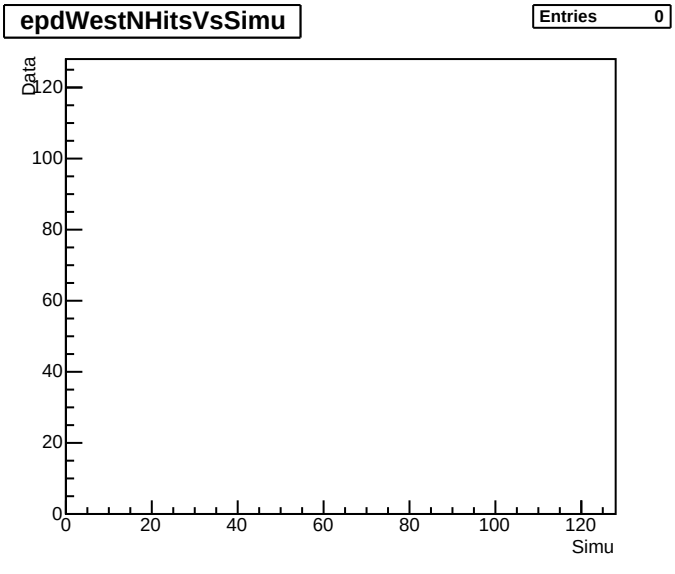
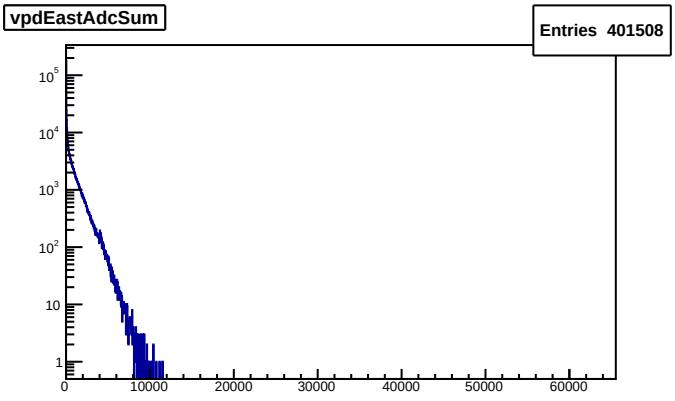
Entries 0
Data
Simu

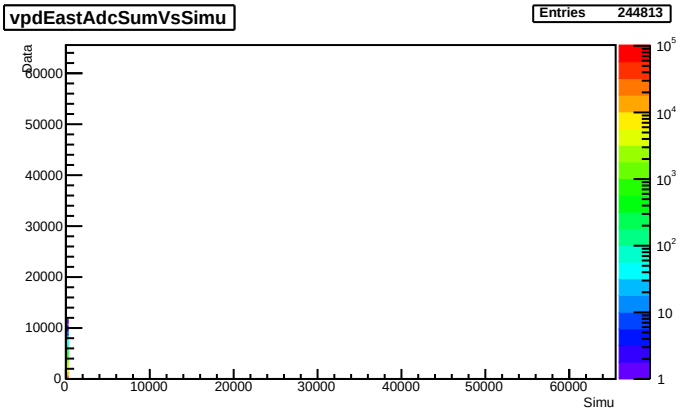

epdWestTac47
Entries 401508

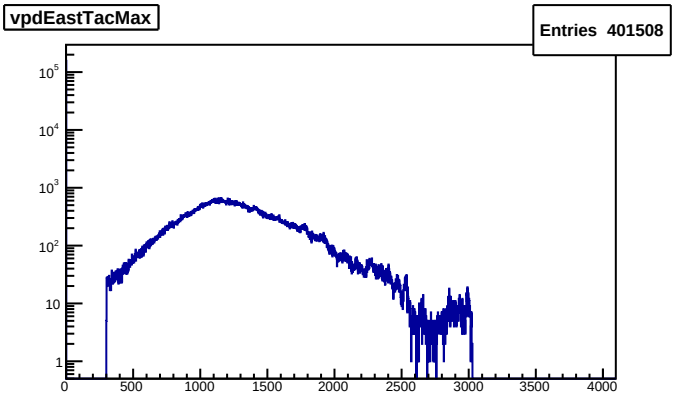

epdWestTac47VsSimu
Entries 0
Data
Simu

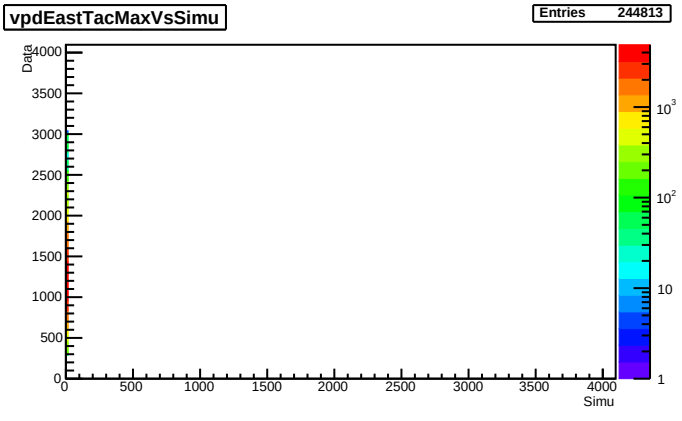

epdWestNHits
Entries 401508

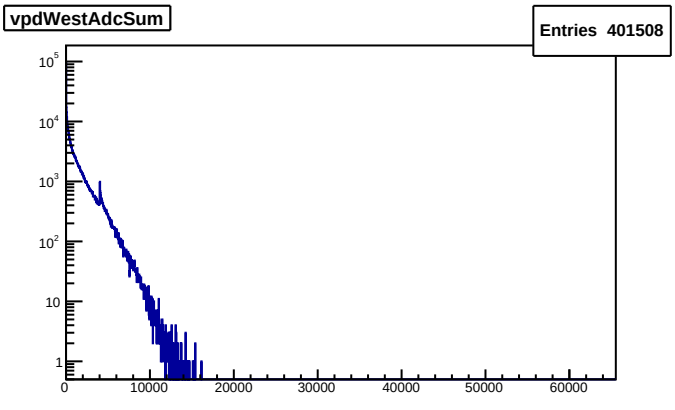

epdWestNHitsVsSimu
Entries 0
Data
Simu

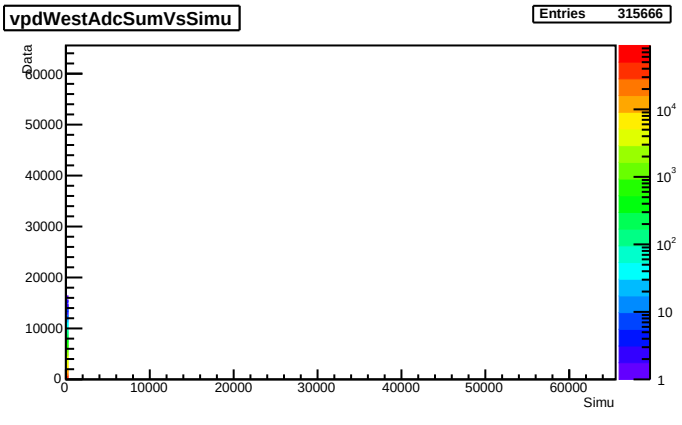

vpdEastAdcSum
Entries 401508

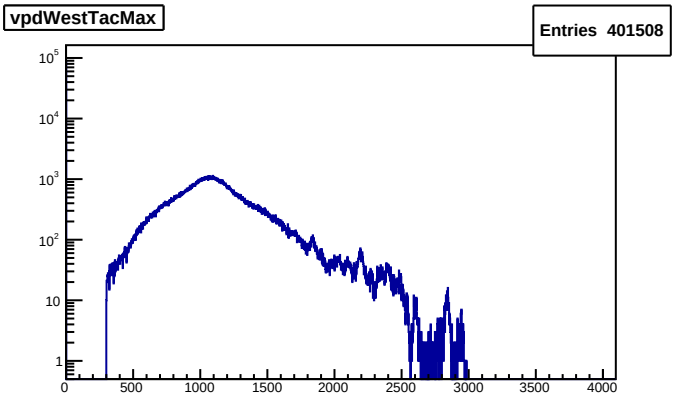

vpdEastAdcSumVsSimu
Entries 244813
Data
Simu

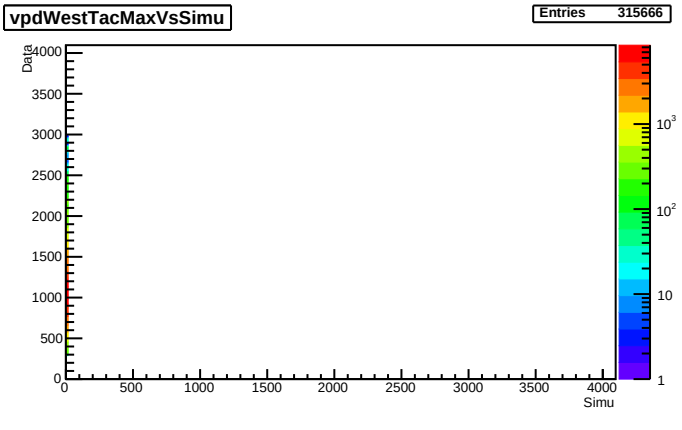

vpdEastTacMax
Entries 401508

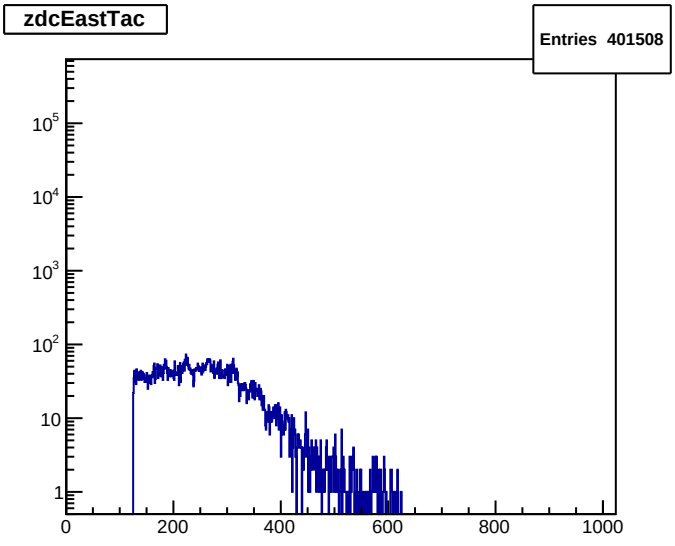

vpdEastTacMaxVsSimu
Entries 244813
Data
Simu

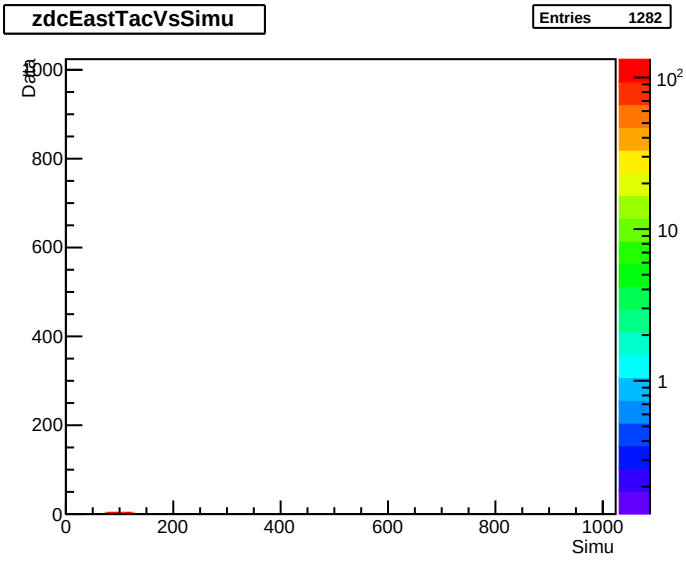

vpdWestAdcSum
Entries 401508

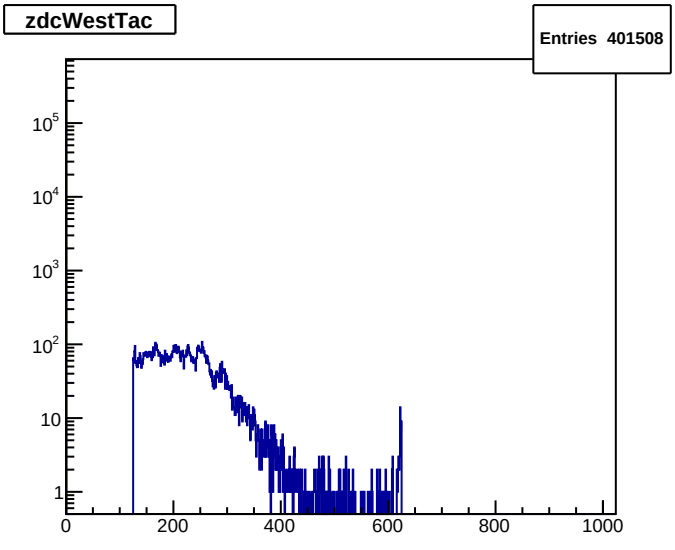

vpdWestAdcSumVsSimu
Entries 315666
Data
Simu

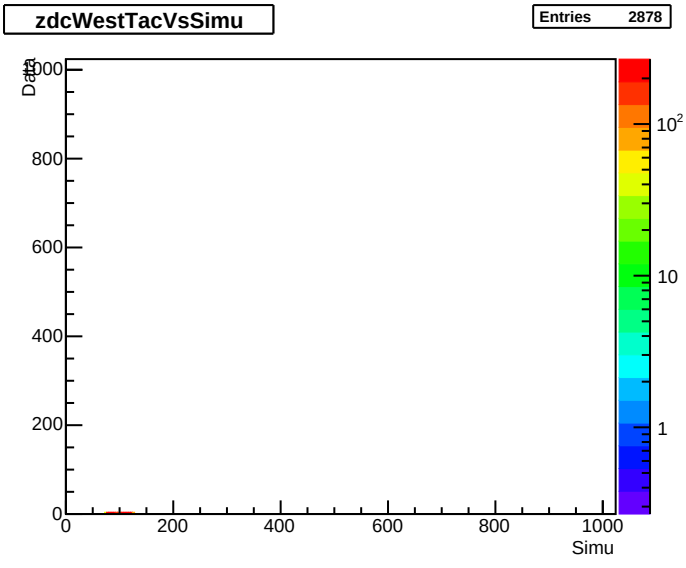

vpdWestTacMax
Entries 401508

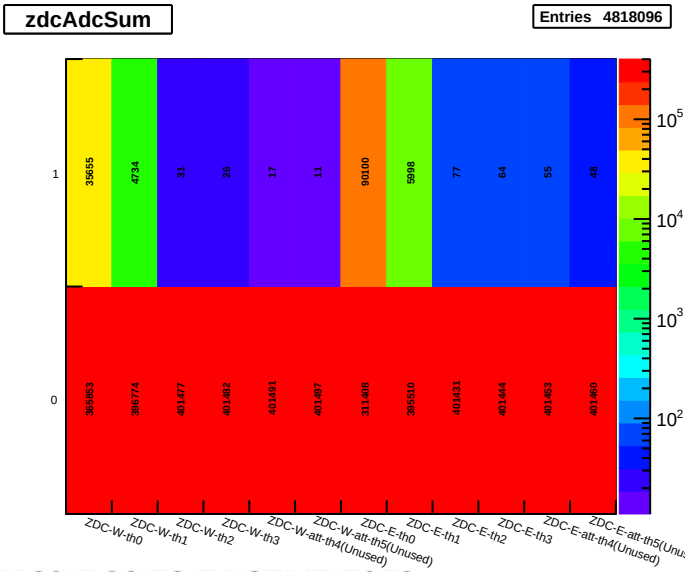

vpdWestTacMaxVsSimu
Entries 315666
Data
Simu

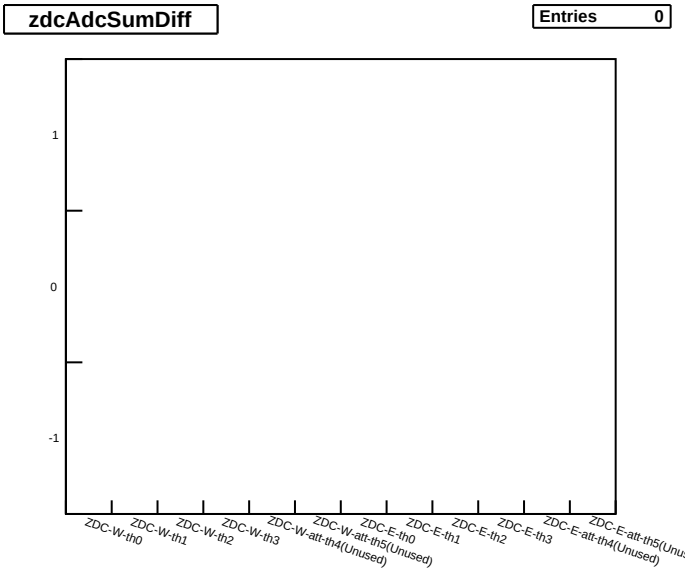

zdcEastTac
Entries 401508

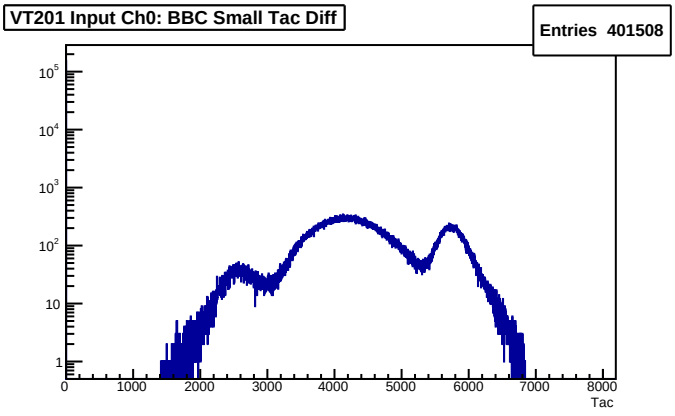

zdcEastTacVsSimu
Entries 1282
Data
Simu

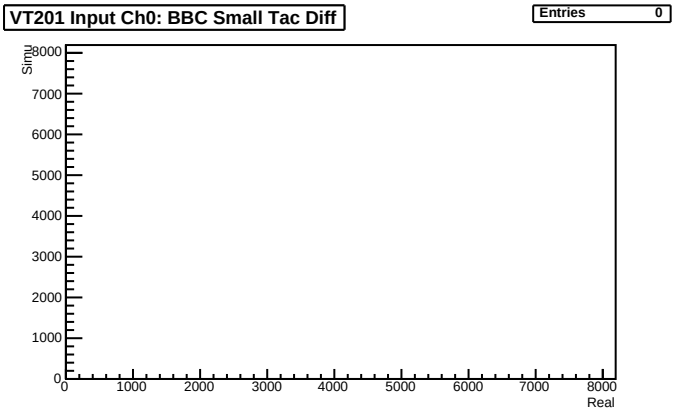

zdcWestTac
Entries 401508

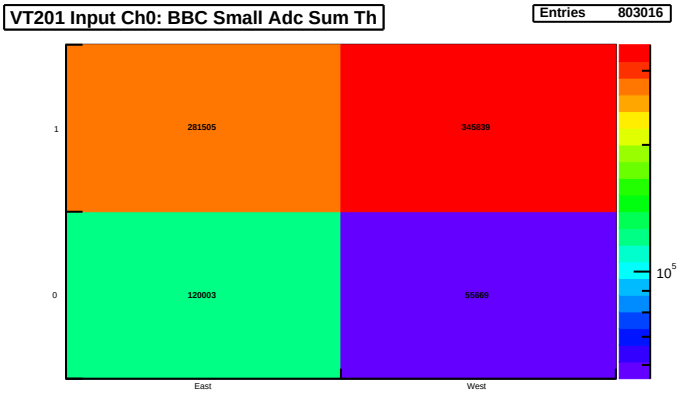

zdcWestTacVsSimu
Entries 2878
Data
Simu

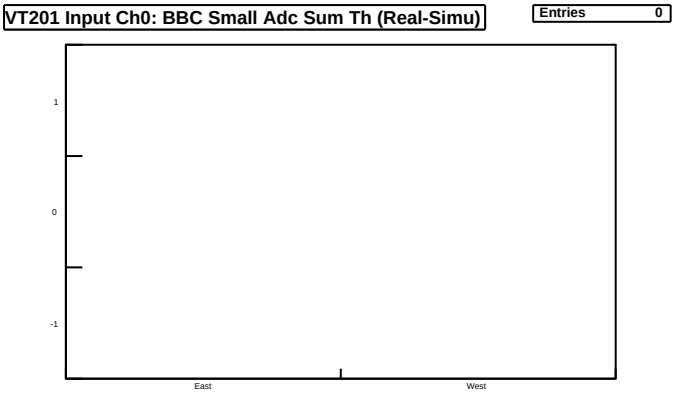

zdcAdcSum
Entries 4818096
35655
4734
31
26
17
11
90100
5998
77
64
55
48
365853
396774
401477
401482
401491
401497
311408
395510
401431
401444
401453
401460
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

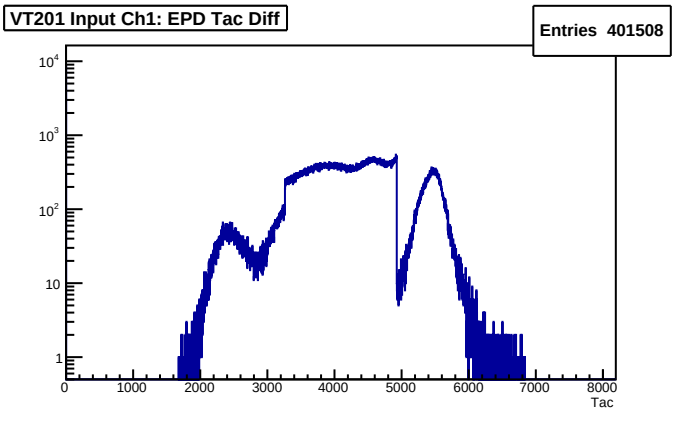

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

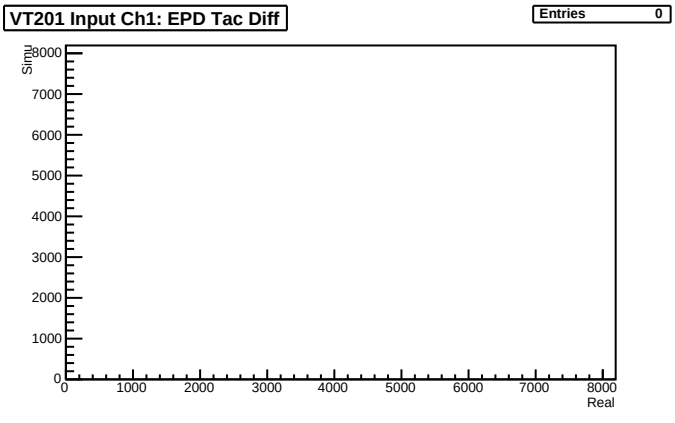

VT201 Input Ch0: BBC Small Tac Diff
Entries 401508
Tac

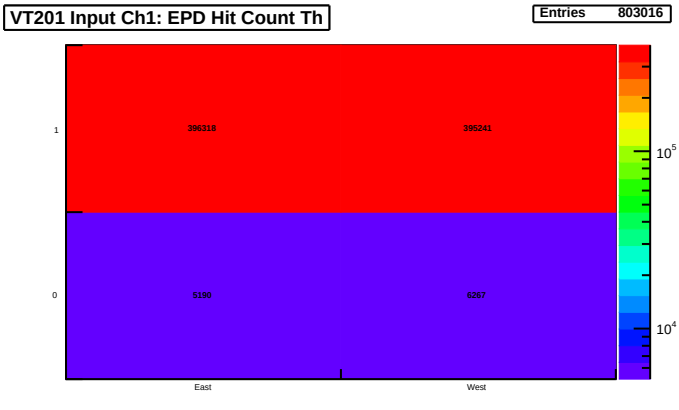

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

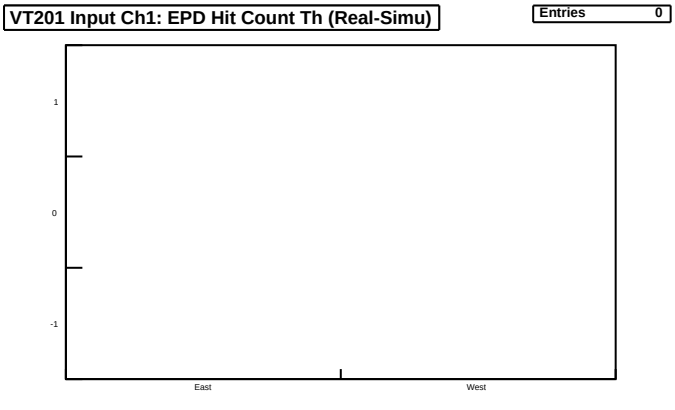

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 803016
281505
345839
120003
55669
East
West

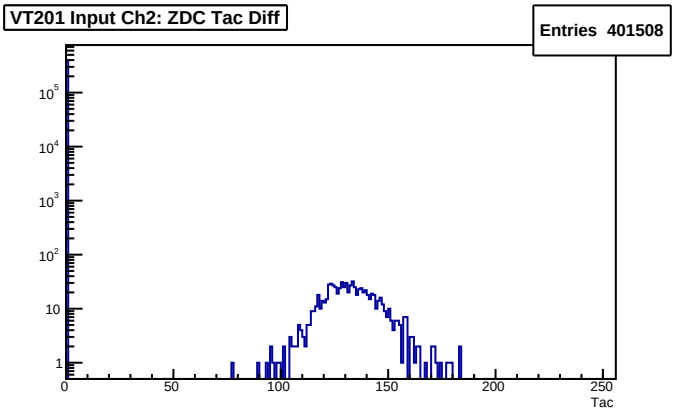

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

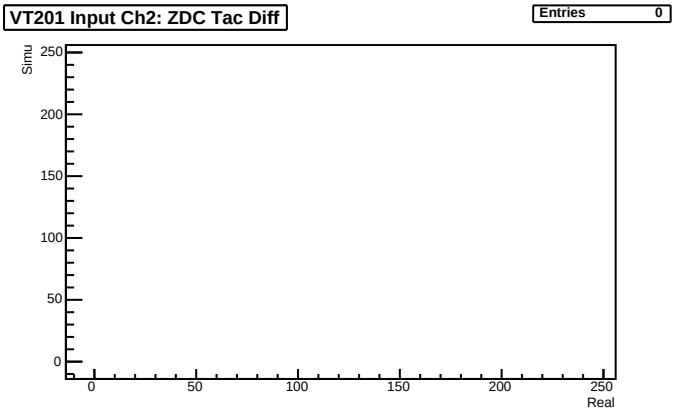

VT201 Input Ch1: EPD Tac Diff
Entries 401508
Tac

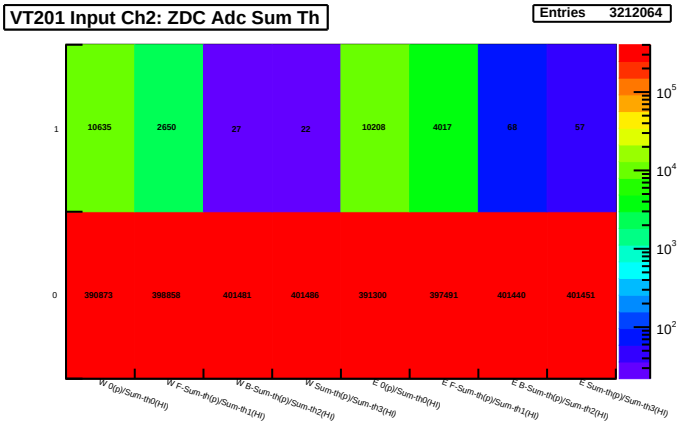

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

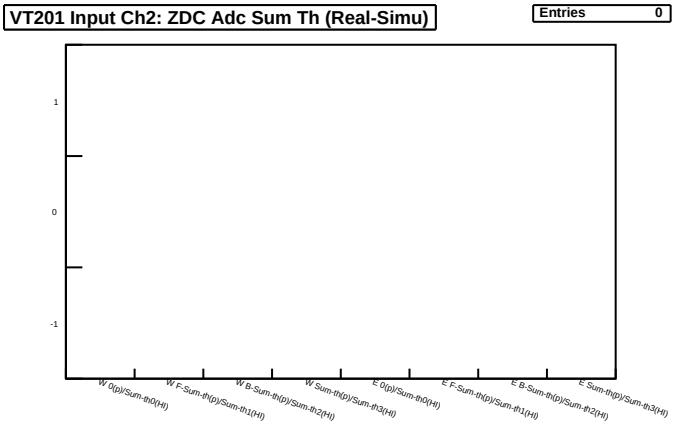

VT201 Input Ch1: EPD Hit Count Th
Entries 803016
396318
395241
5190
6267
East
West

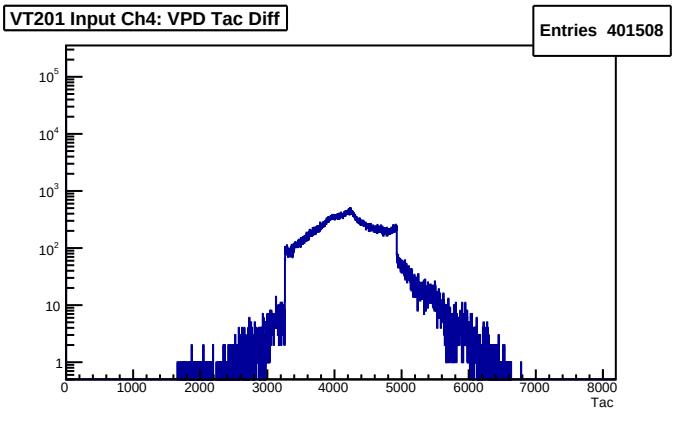

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

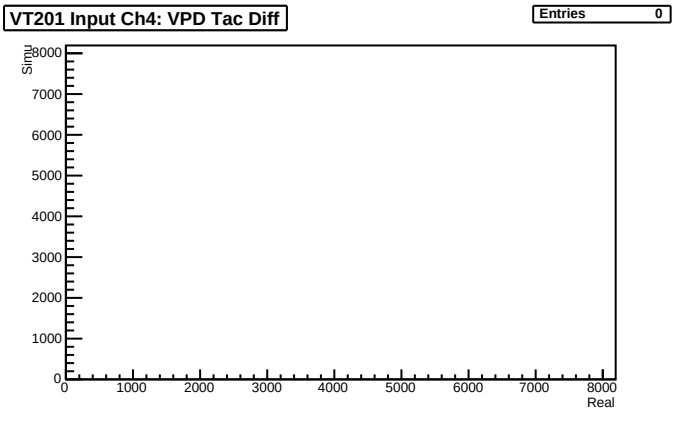

VT201 Input Ch2: ZDC Tac Diff
Entries 401508
Tac

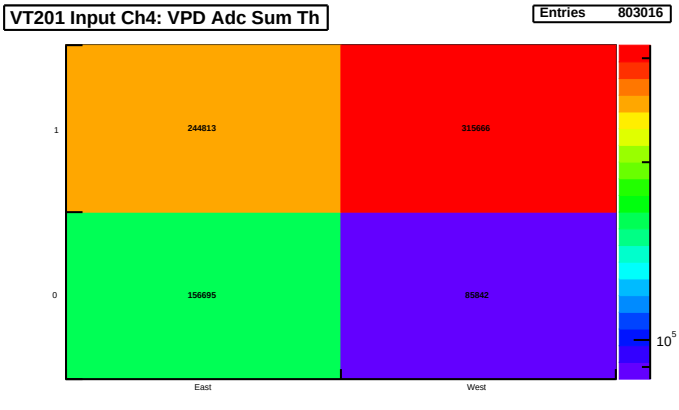

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

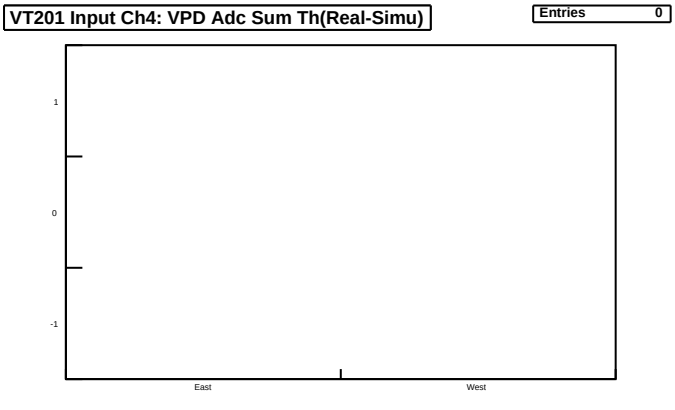

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3212064
10635
2650
27
22
10208
4017
68
57
390873
398858
401481
401486
391300
397491
401440
401451
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

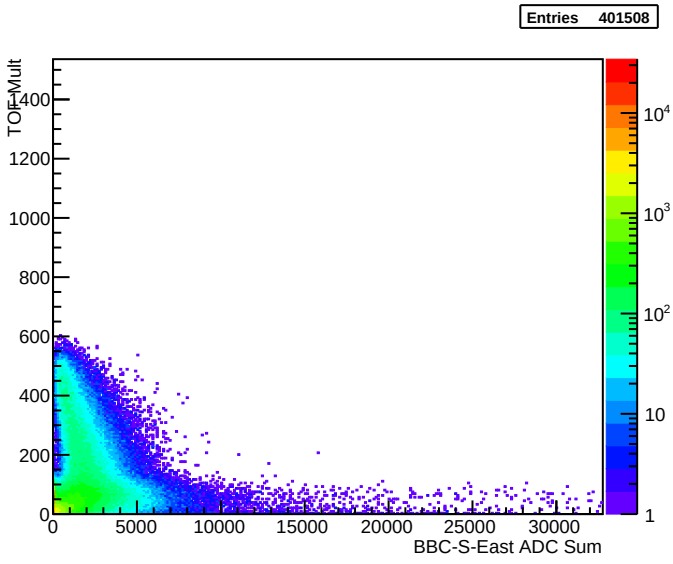

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

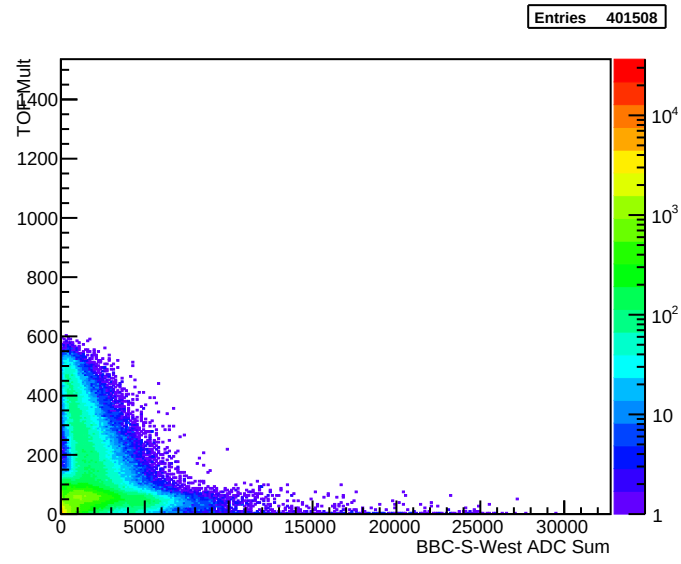

VT201 Input Ch4: VPD Tac Diff
Entries 401508
Tac

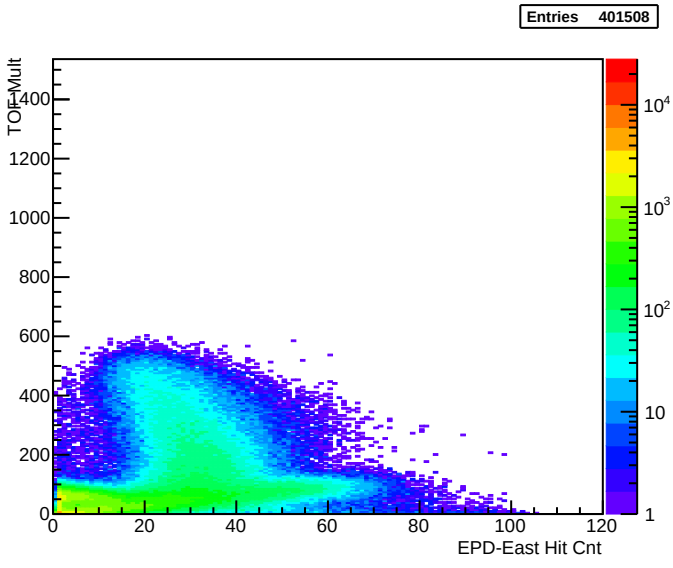

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

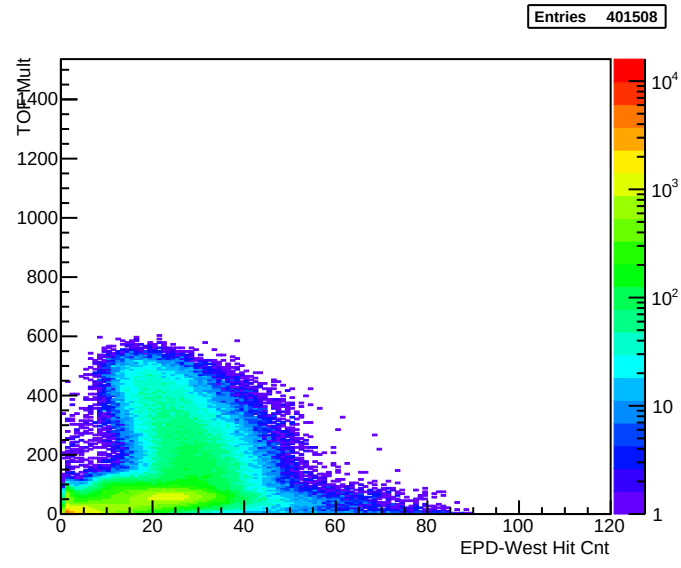

VT201 Input Ch4: VPD Adc Sum Th
Entries 803016
244813
315666
156695
85842
East
West

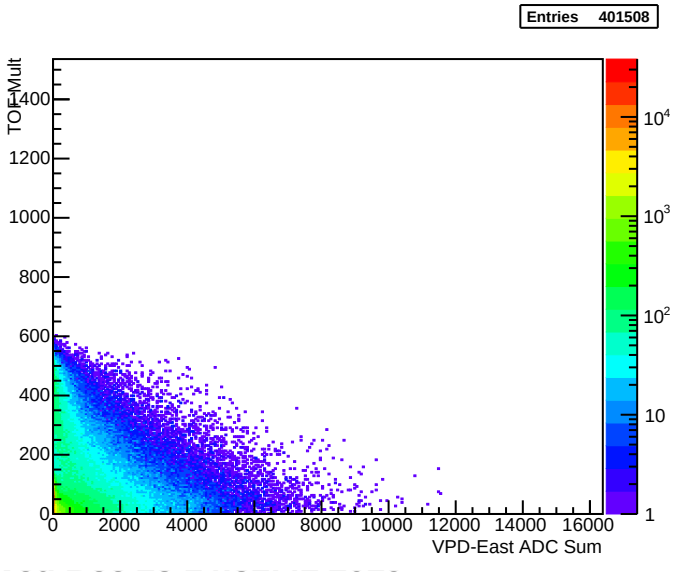

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

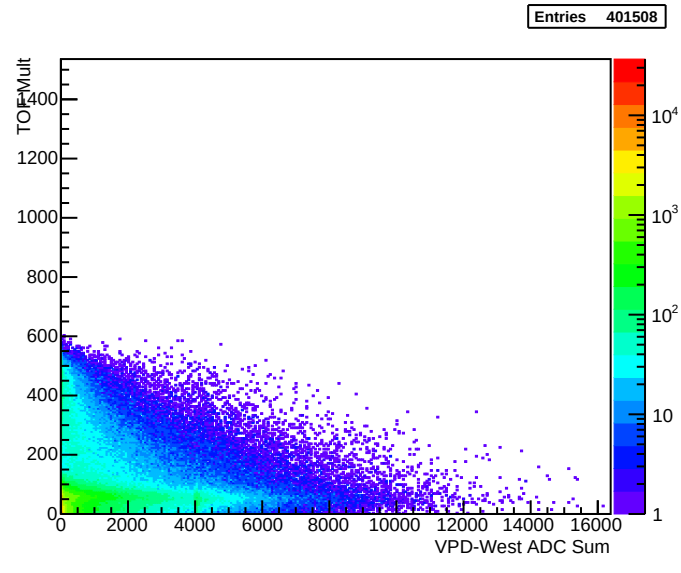

Entries 401508
TOF-Mult
BBC-S-East ADC Sum

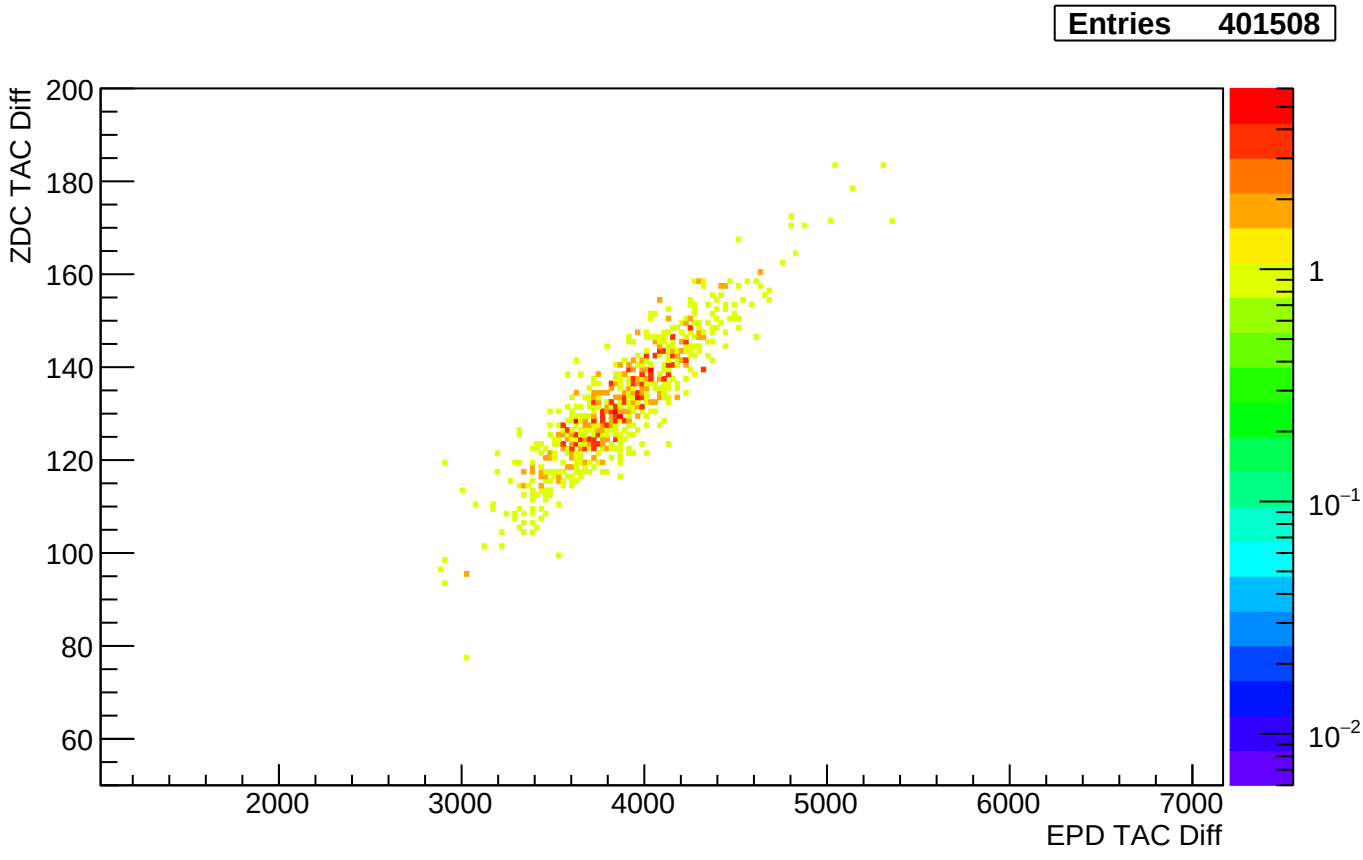

Entries 401508
TOF-Mult
BBC-S-West ADC Sum

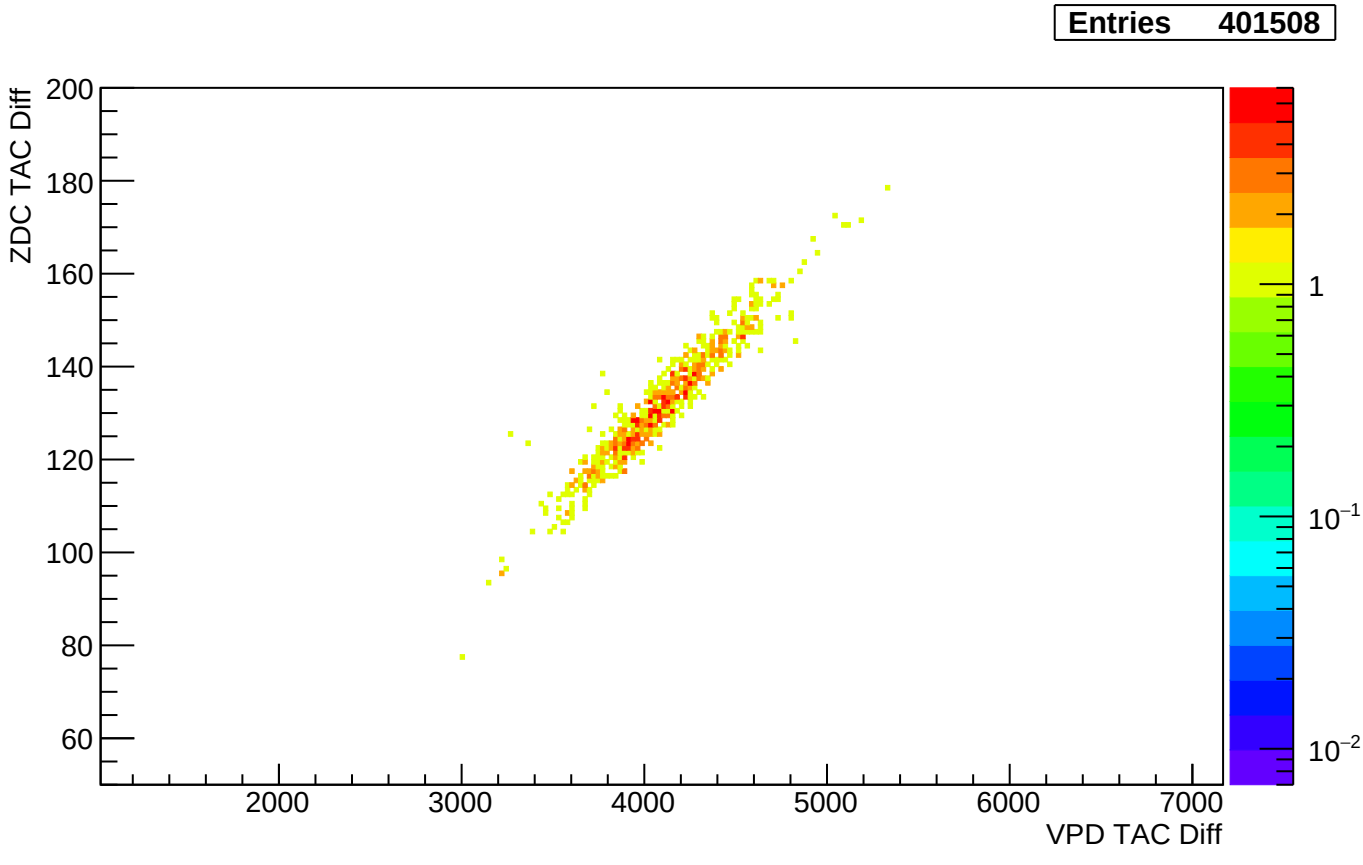

Entries 401508
TOF-Mult
EPD-East Hit Cnt

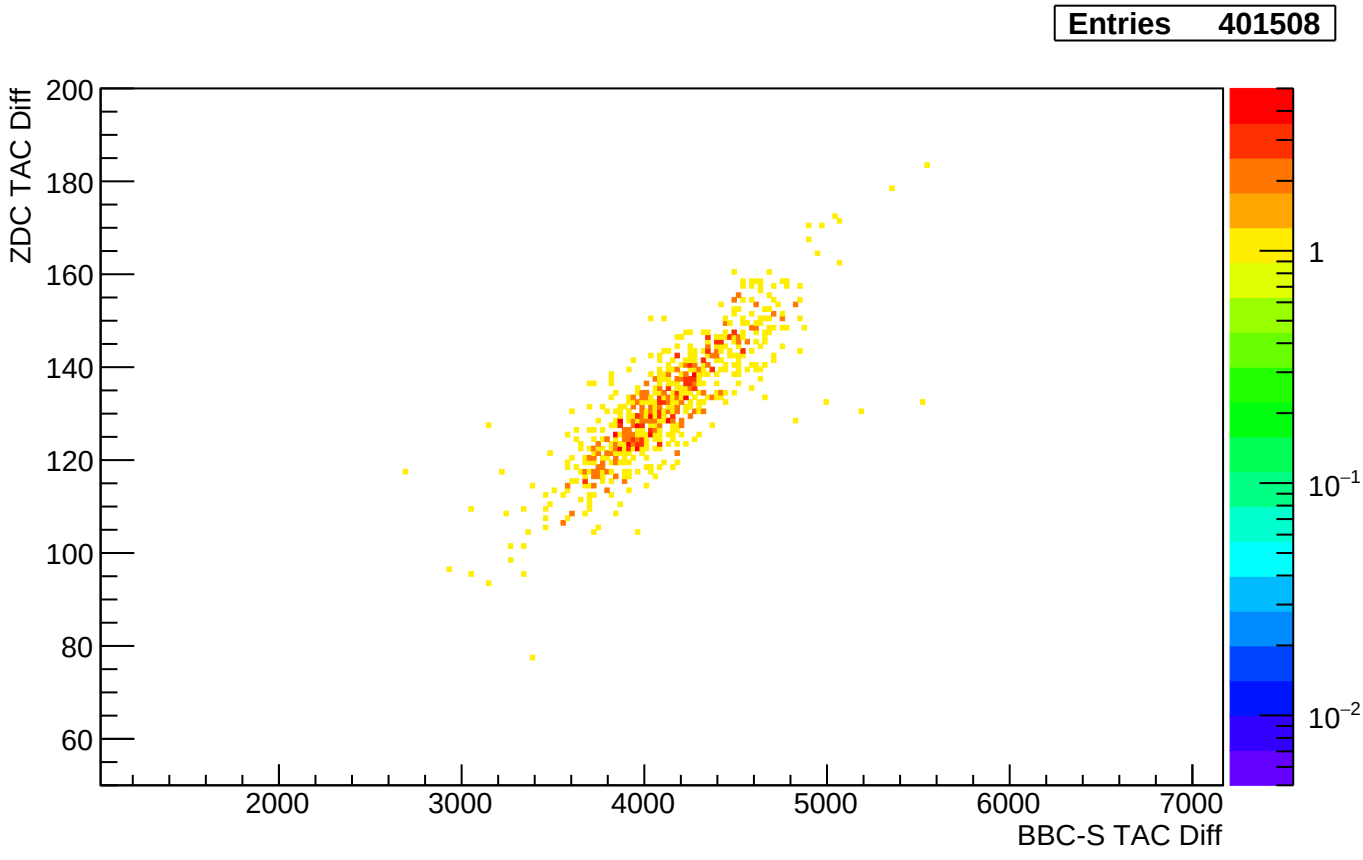

Entries 401508
TOF-Mult
EPD-West Hit Cnt

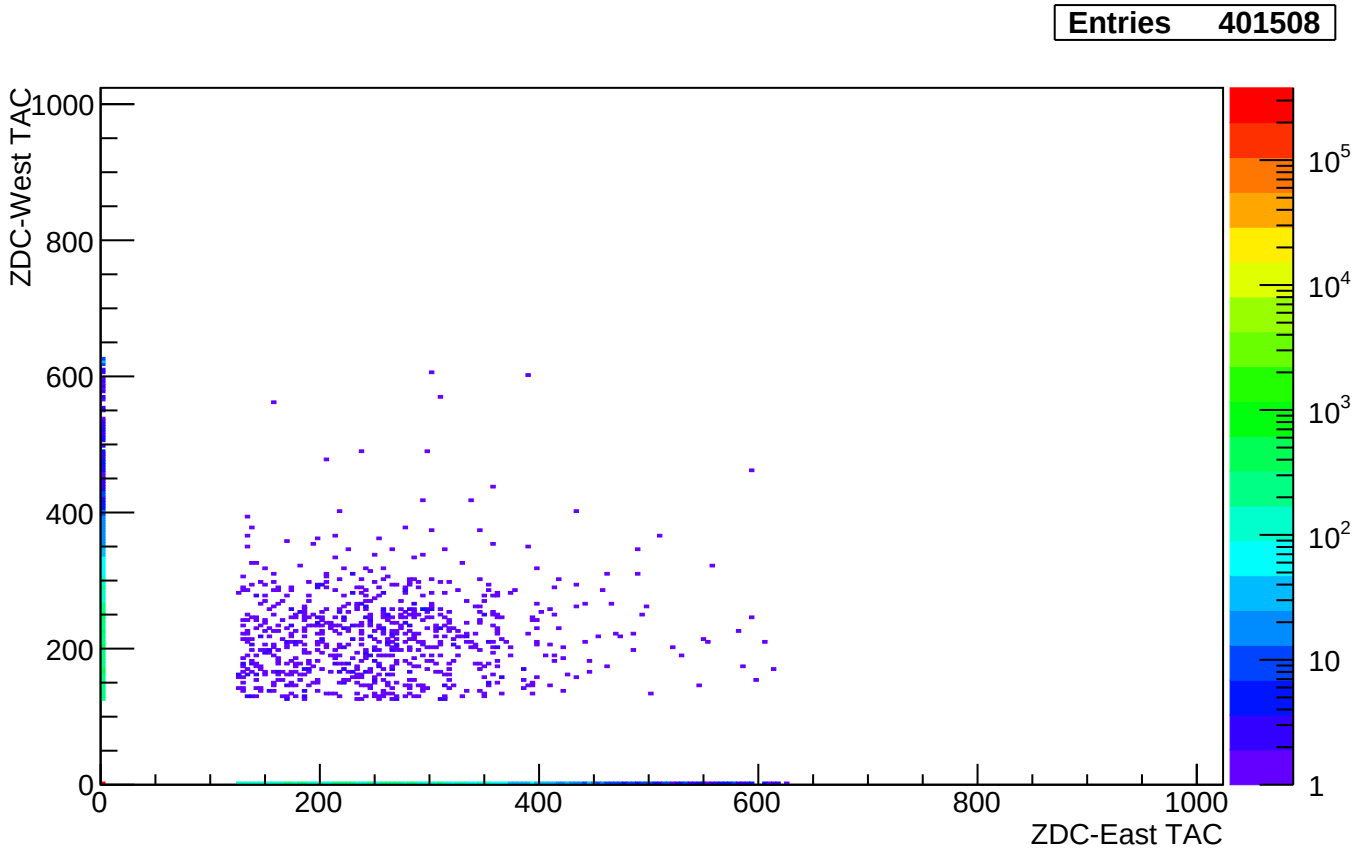

Entries 401508
TOF-Mult
VPD-East ADC Sum

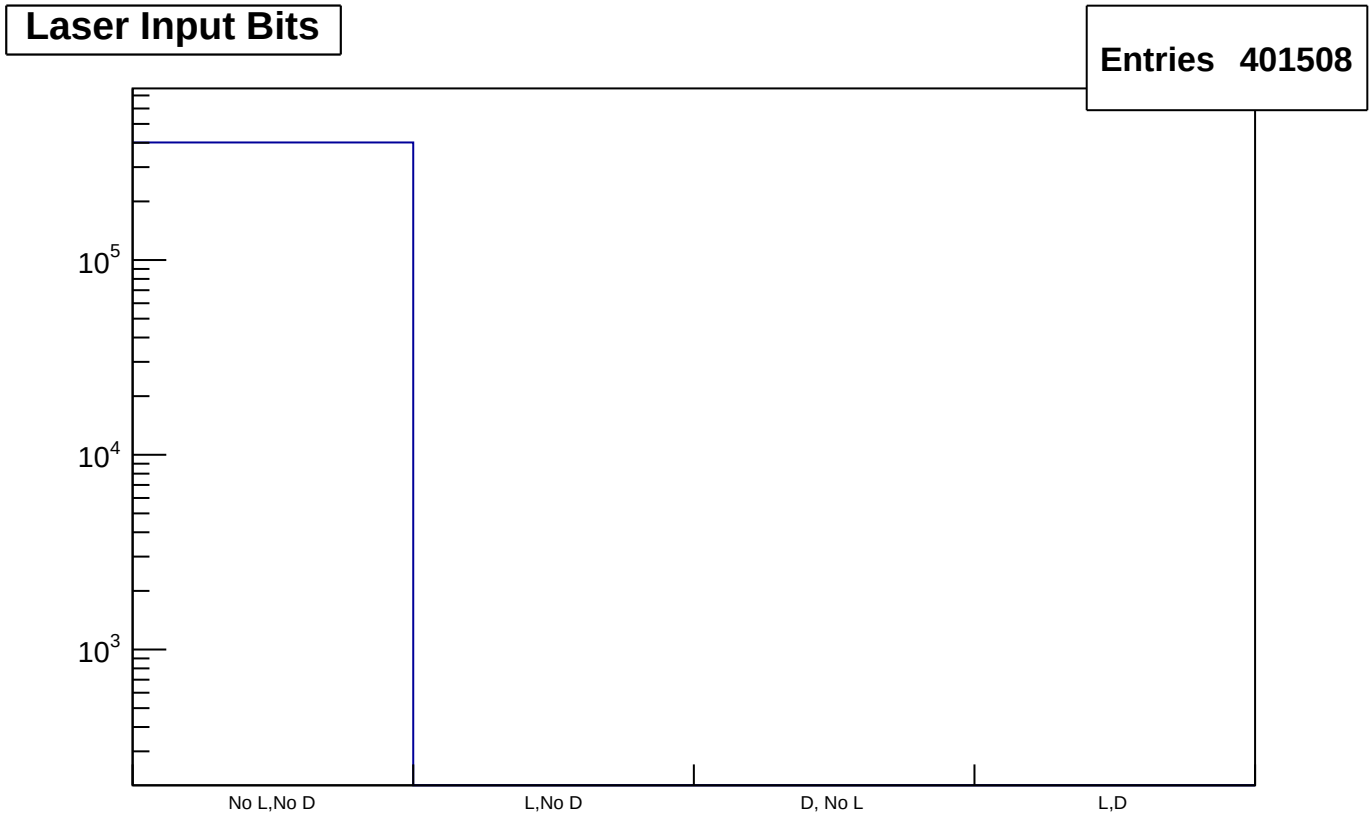

Entries 401508
TOF-Mult
VPD-West ADC Sum

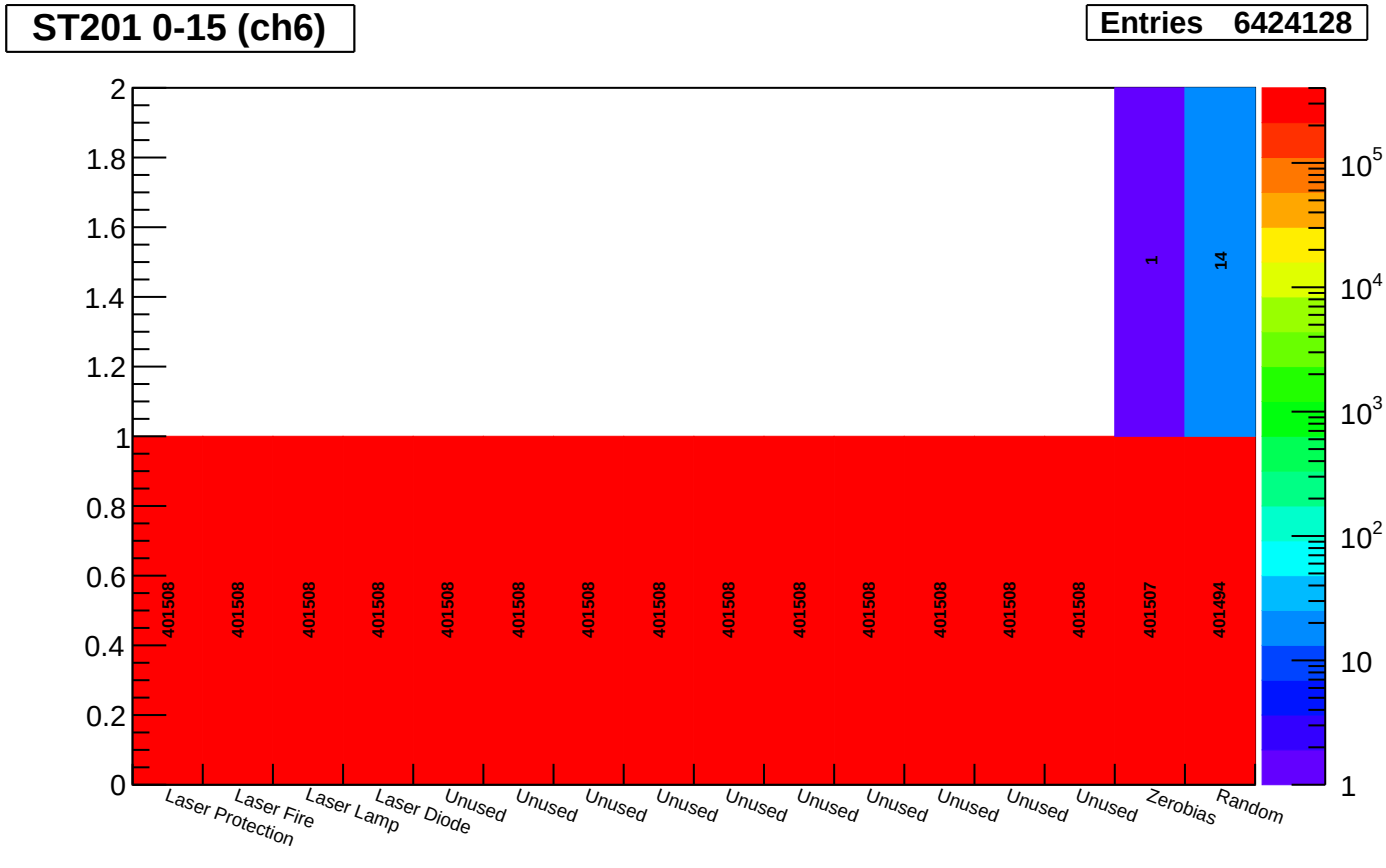

Entries 401508
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

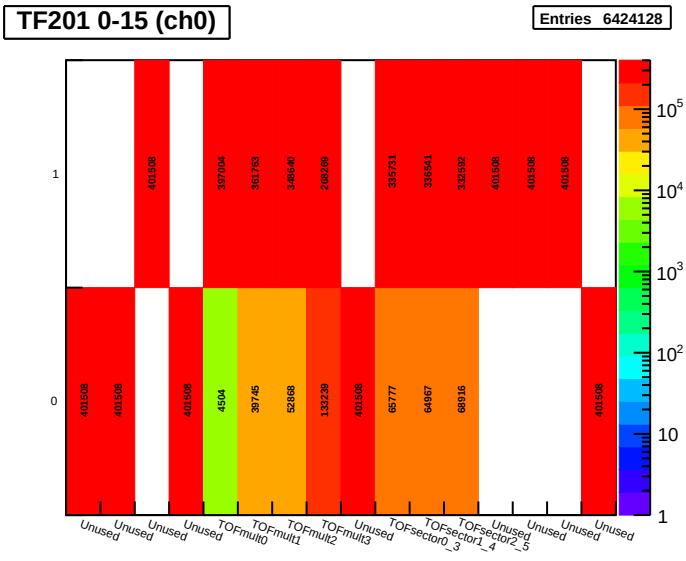

Entries 401508
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

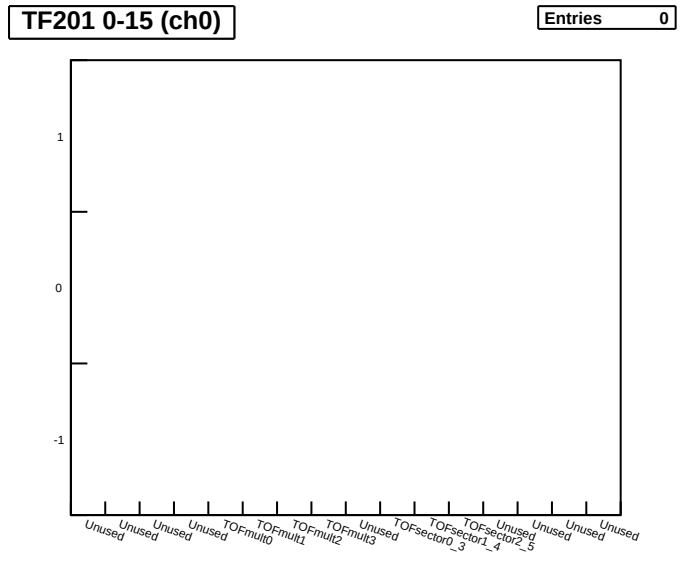

Entries 401508
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

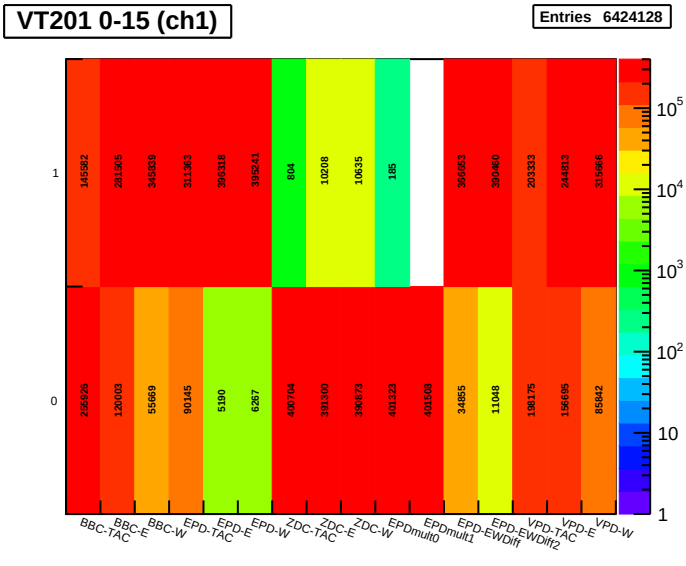

Entries 401508
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

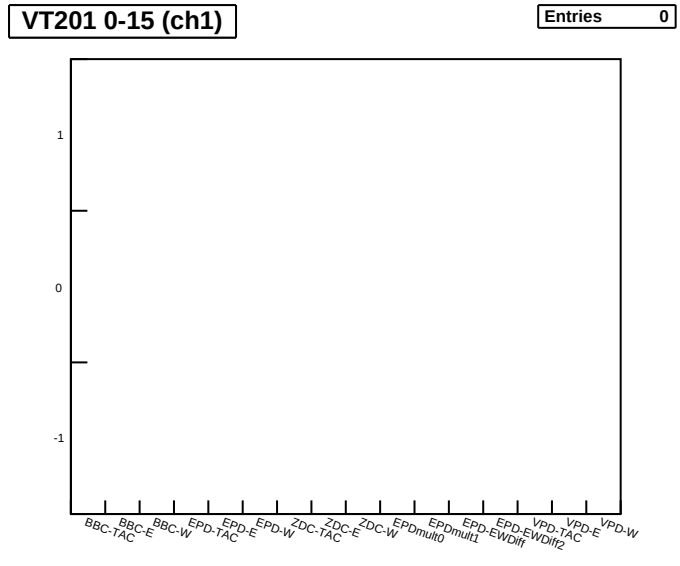

Laser Input Bits
Entries 401508
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

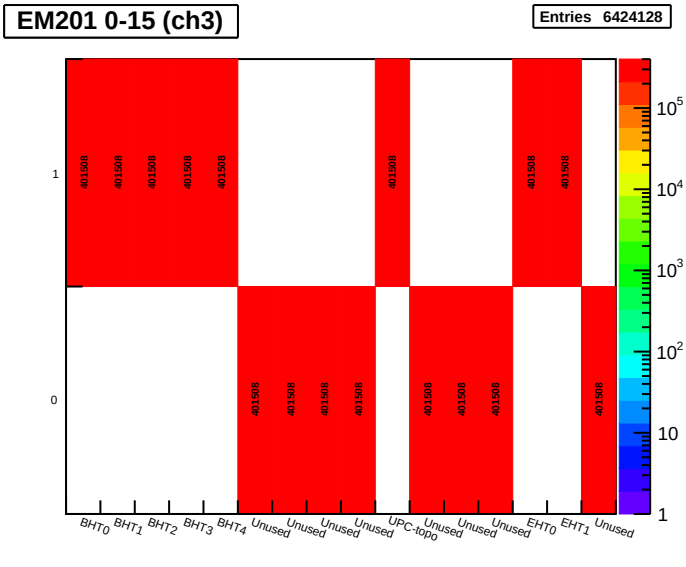

ST201 0-15 (ch6)
Entries 6424128
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
401508
401508
401508
401508
401508
401508
401508
401508
401508
401508
401508
401508
401508
401508
401507
401494
1
14
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

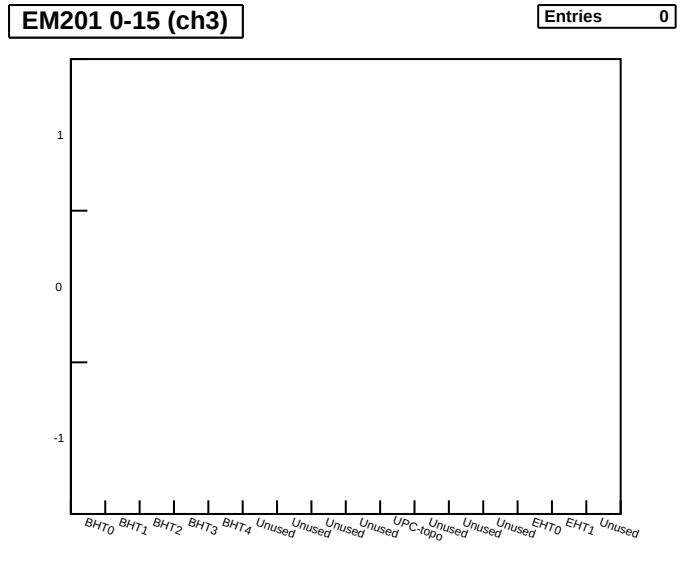

TF201 0-15 (ch0)
Entries 6424128
401508 397004 361763 346640 298269 335731 336541 332592 401508 401508 401508
401508 401508 401508 4504 39745 52868 133239 401508 65777 64967 68916 401508
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


TF201 0-15 (ch0)
Entries 0
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


VT201 0-15 (ch1)
Entries 6424128
145582 281505 345839 311363 396318 395241 804 10208 10635 185 366653 390460 203333 244813 315666
255926 120003 55669 90145 5190 6267 400704 391300 390873 401323 401508 34655 11048 198175 156695 85842
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


VT201 0-15 (ch1)
Entries 0
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 6424128
401508 401508 401508 401508 401508 401508 401508 401508
401508 401508 401508 401508 401508 401508 401508 401508
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused