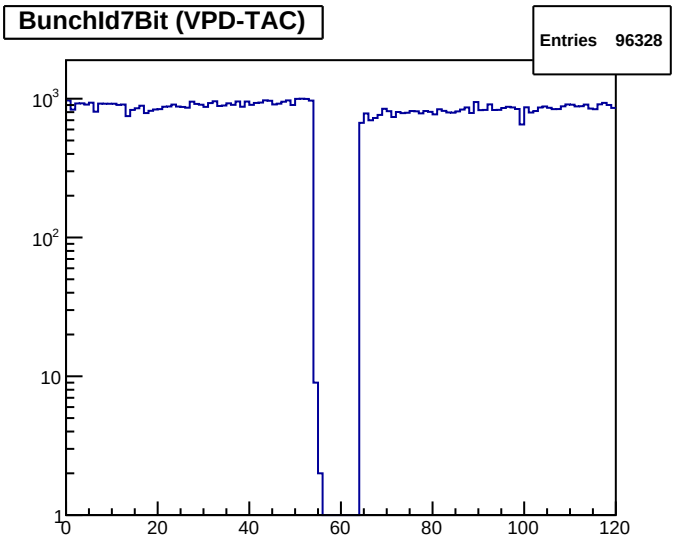
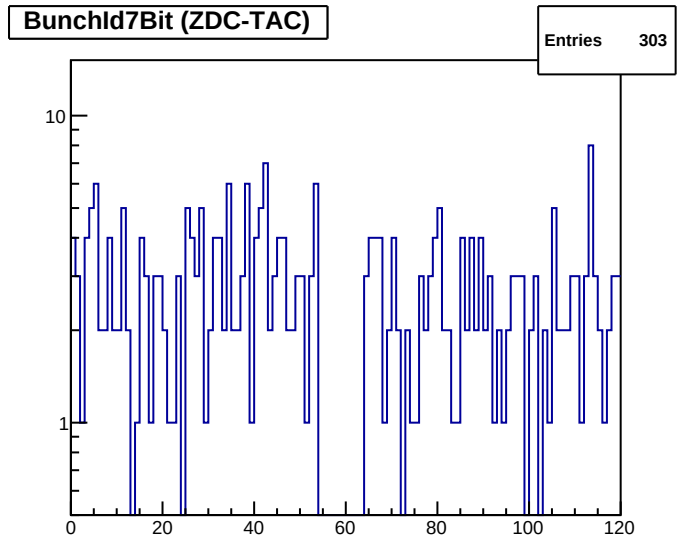
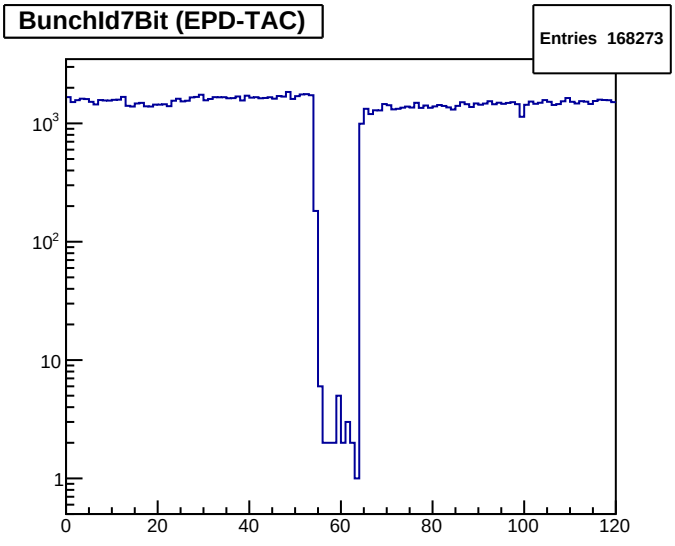
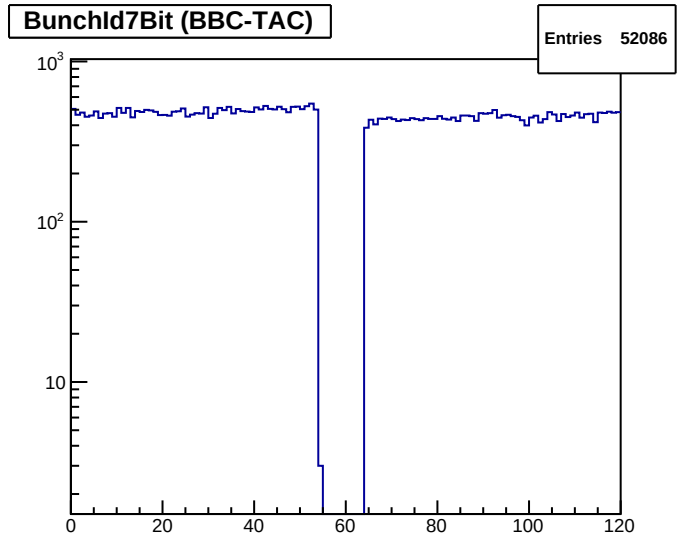
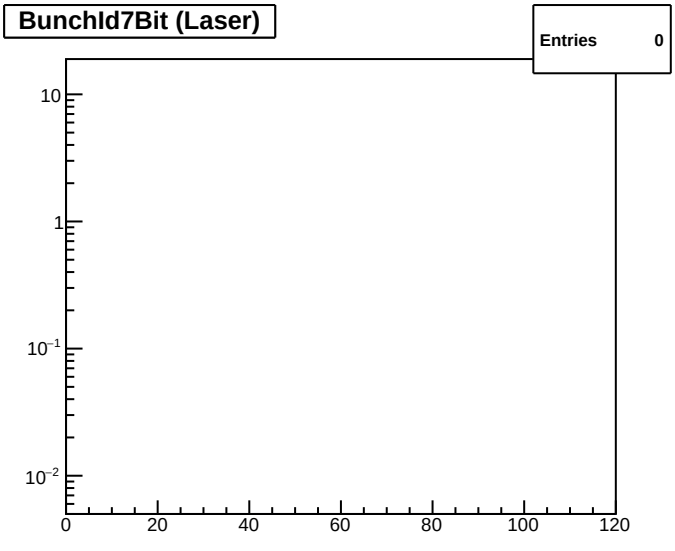
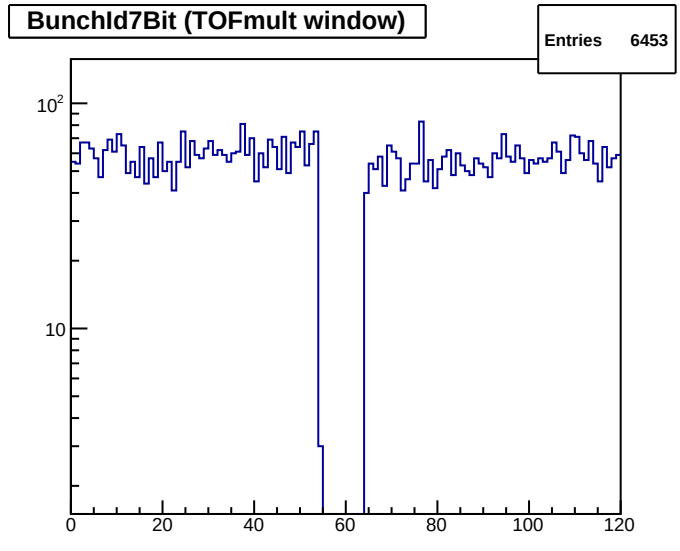

BunchId7Bit (VPD-TAC)
Entries 96328

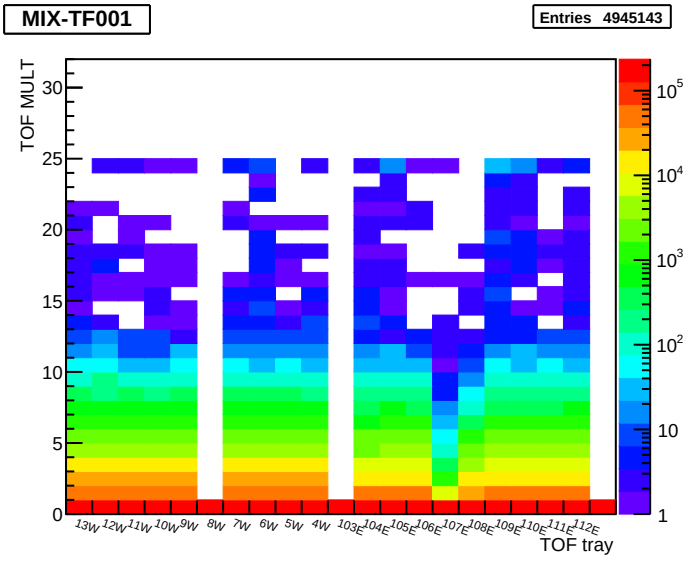

BunchId7Bit (ZDC-TAC)
Entries 303

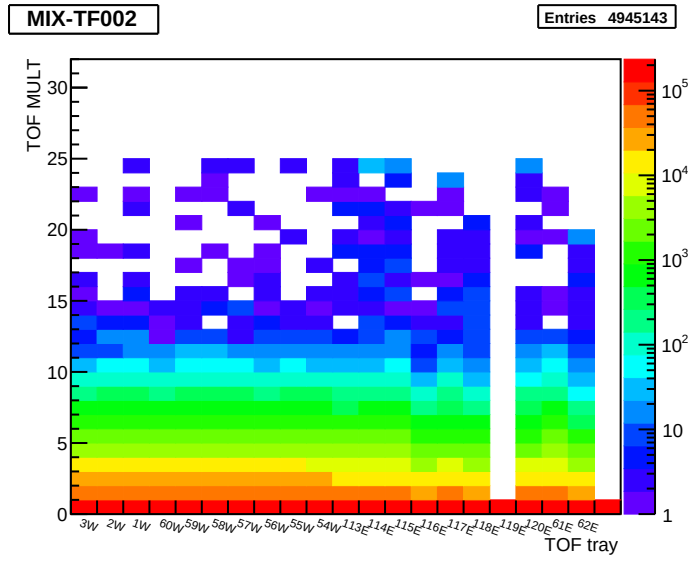

BunchId7Bit (EPD-TAC)
Entries 168273

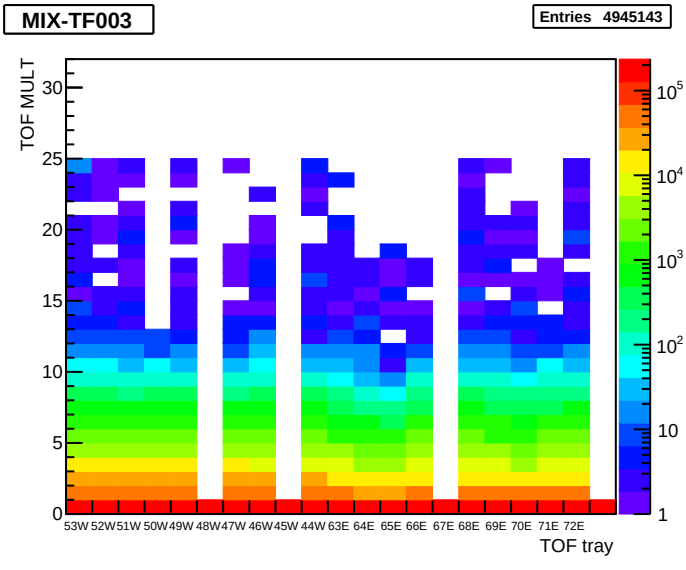

BunchId7Bit (BBC-TAC)
Entries 52086

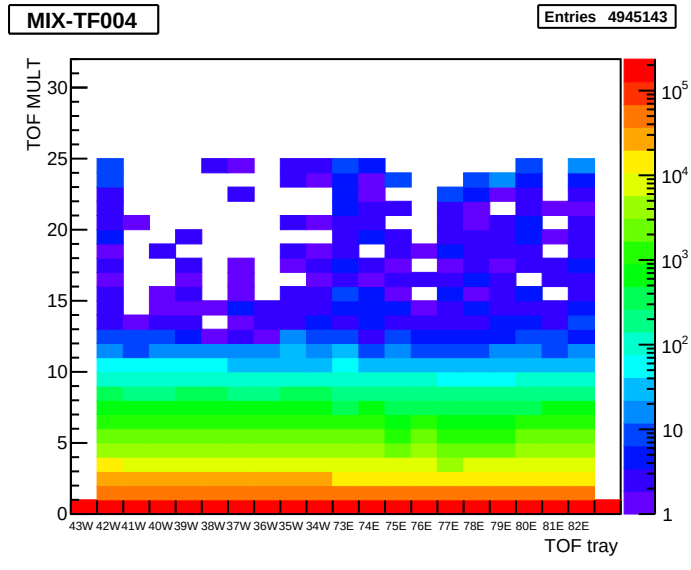

BunchId7Bit (Laser)
Entries 0

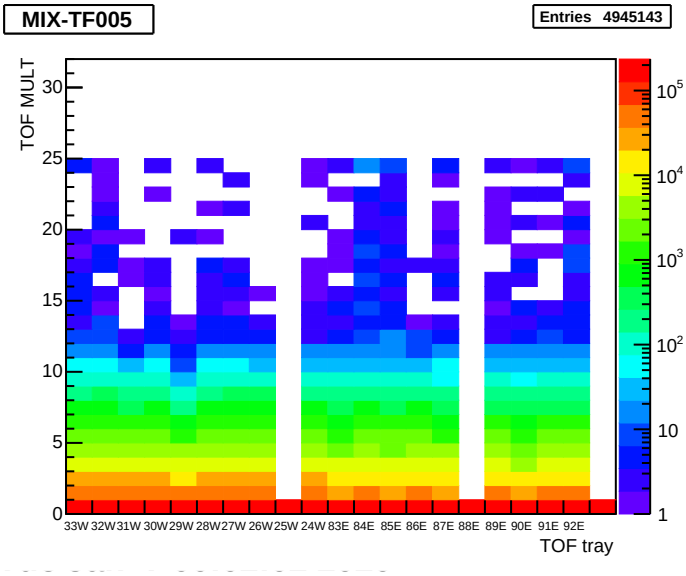

BunchId7Bit (TOFmult window)
Entries 6453

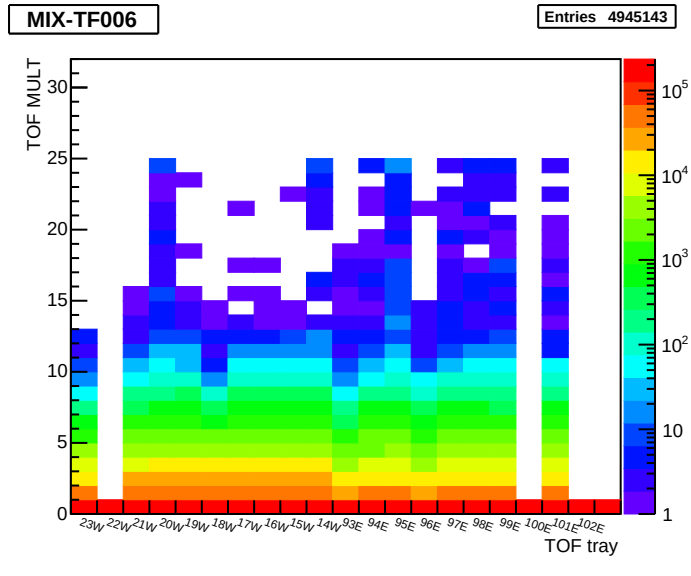

MIX-TF001
Entries 4945143
TOF MULT
TOF tray

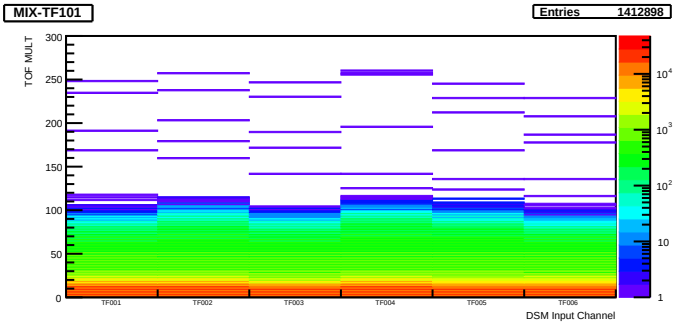

MIX-TF002
Entries 4945143
TOF MULT
TOF tray

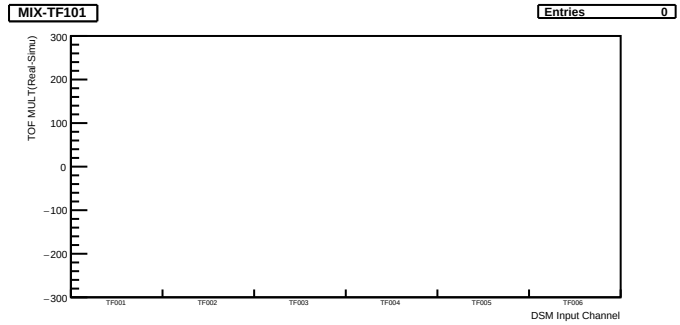

MIX-TF003
Entries 4945143
TOF MULT
TOF tray

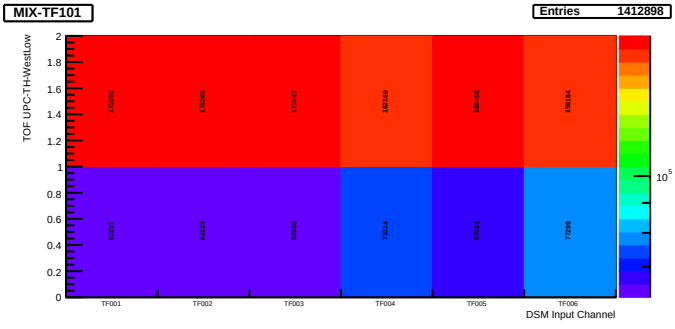

MIX-TF004
Entries 4945143
TOF MULT
TOF tray

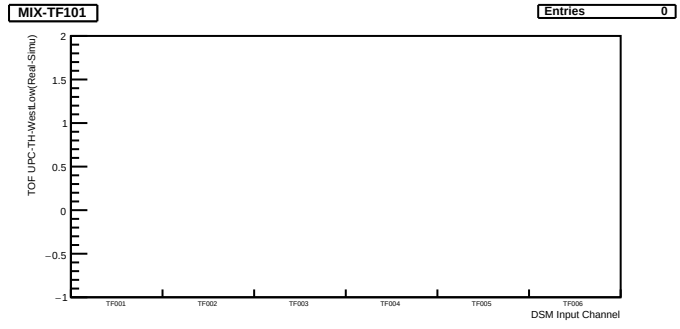

MIX-TF005
Entries 4945143
TOF MULT
TOF tray

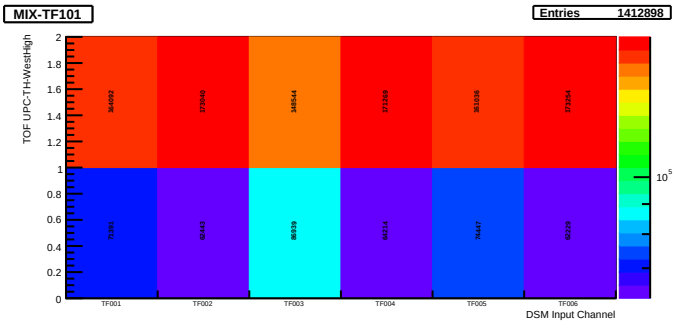

MIX-TF006
Entries 4945143
TOF MULT
TOF tray

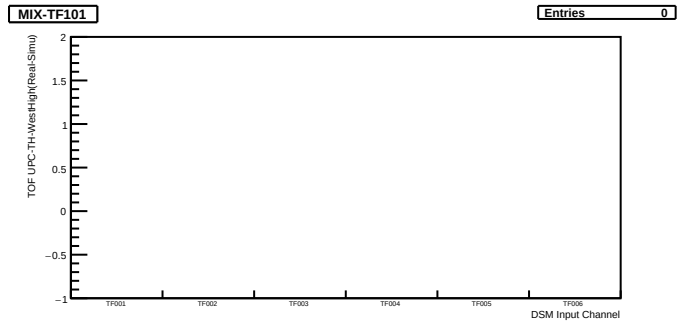

MIX-TF101
Entries 1412898
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

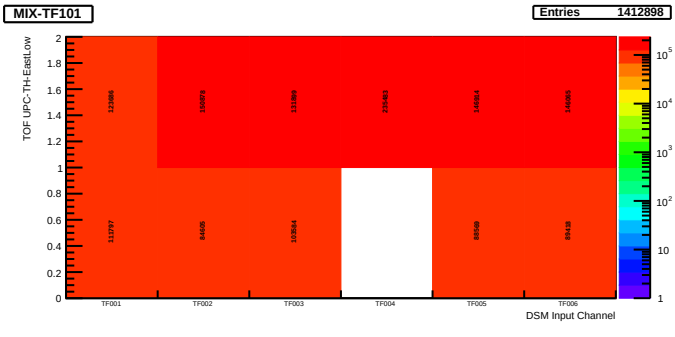

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

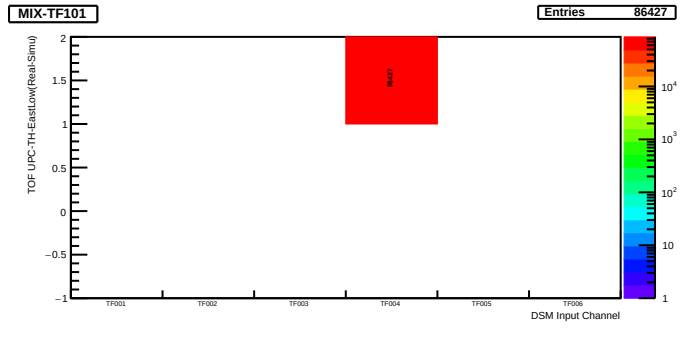

MIX-TF101
Entries 1412898
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

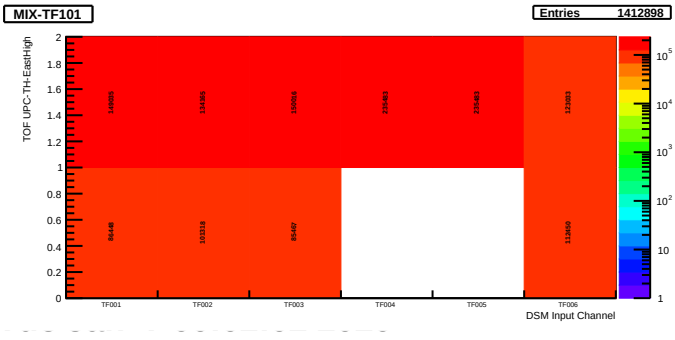

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

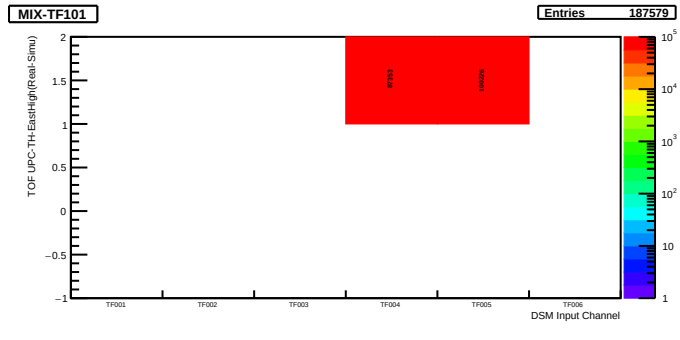

MIX-TF101
Entries 1412898
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

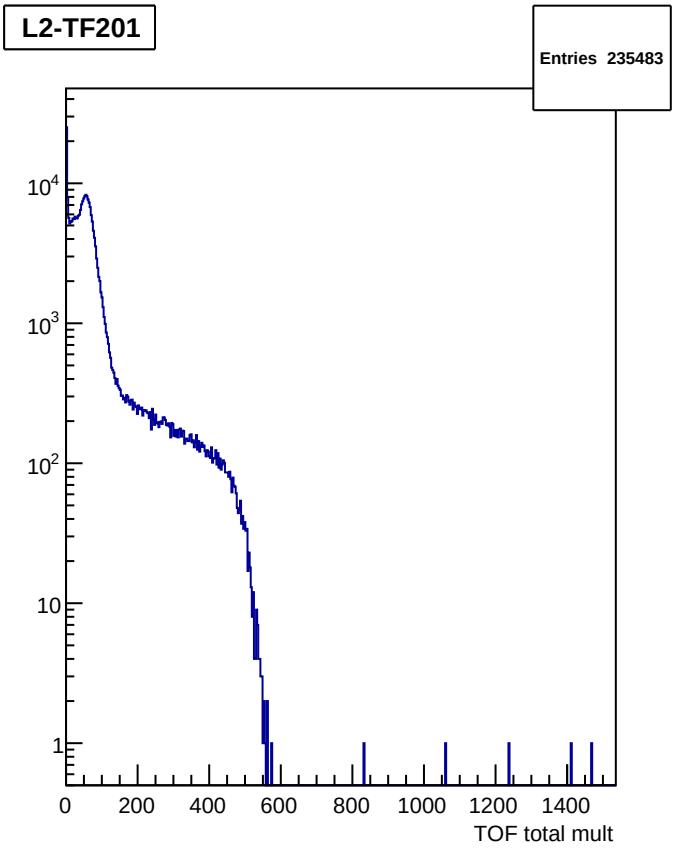

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

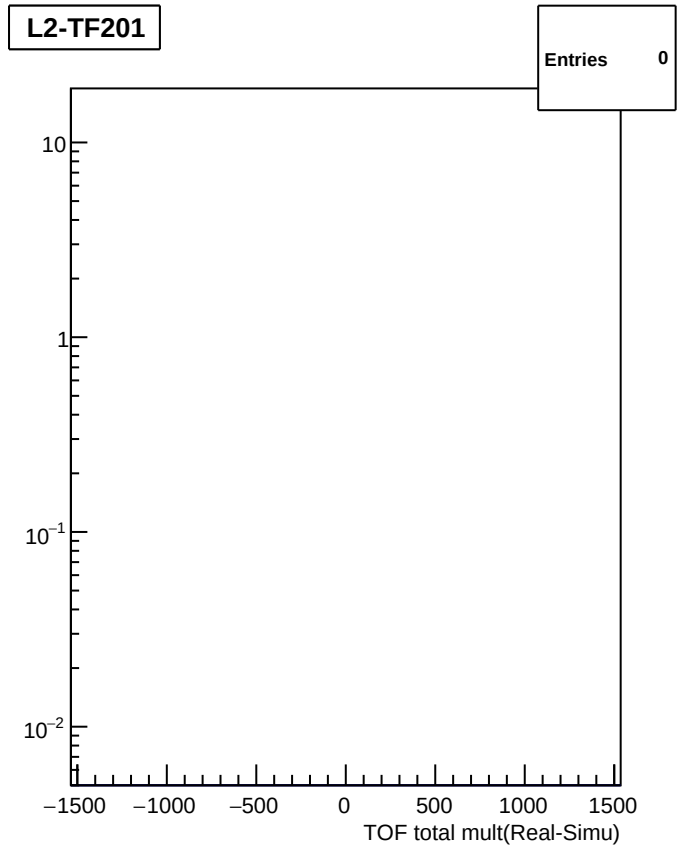

MIX-TF101
Entries 1412898
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

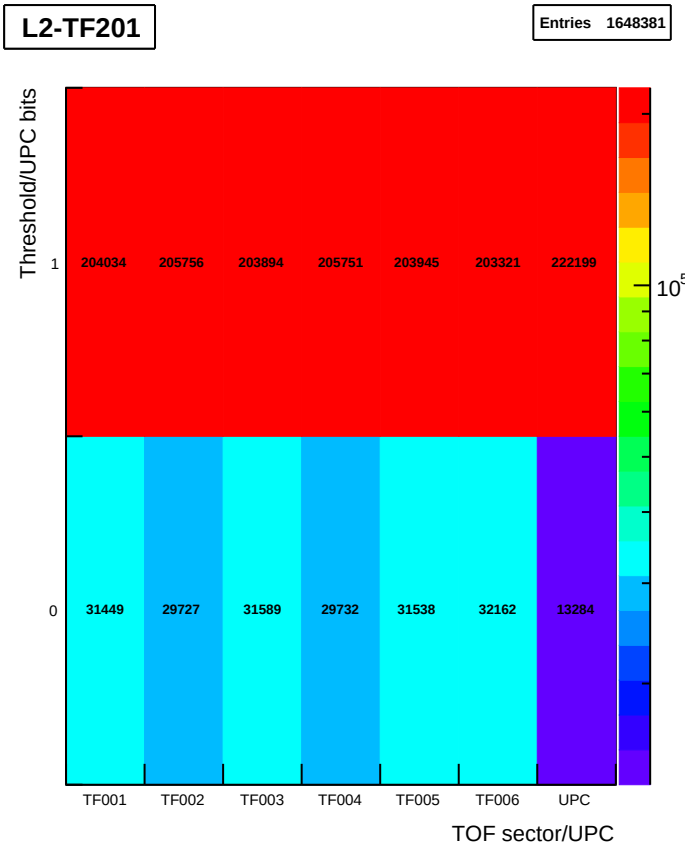

MIX-TF101
Entries 86427
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

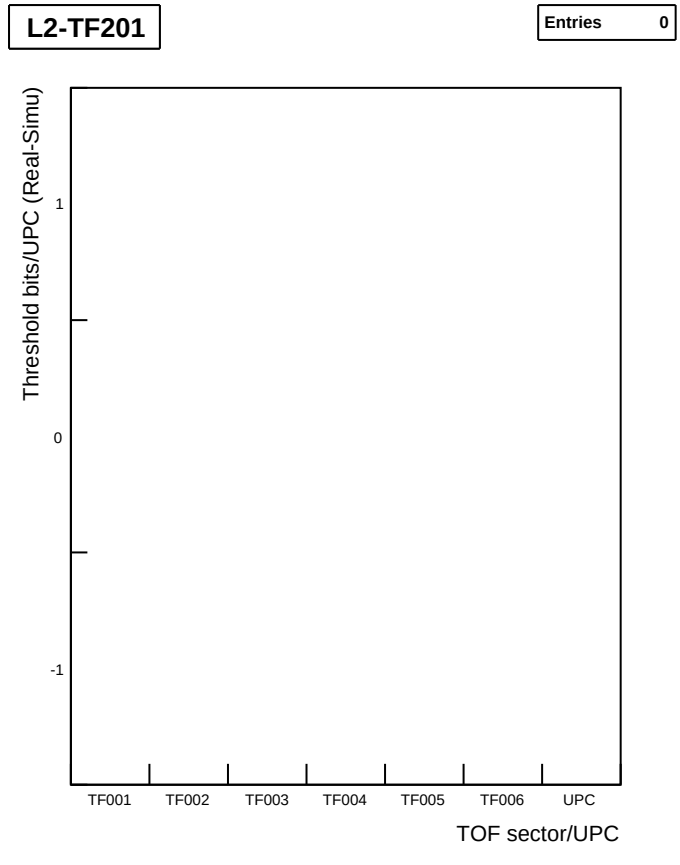

MIX-TF101
Entries 1412898
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

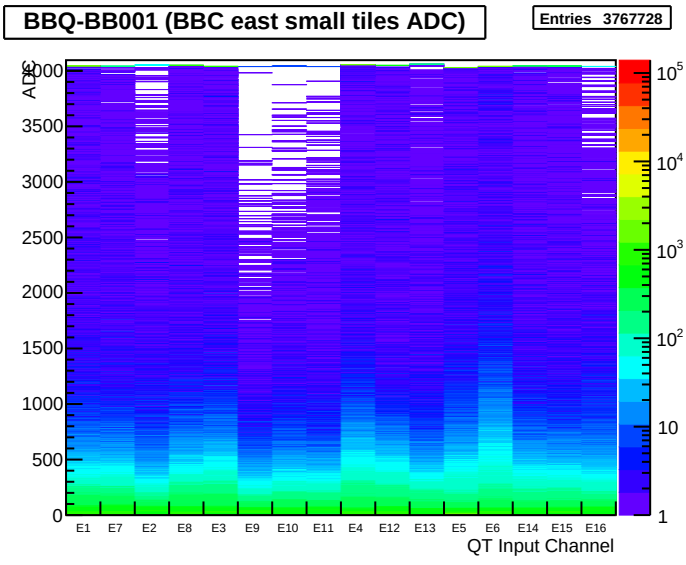

MIX-TF101
Entries 187579
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

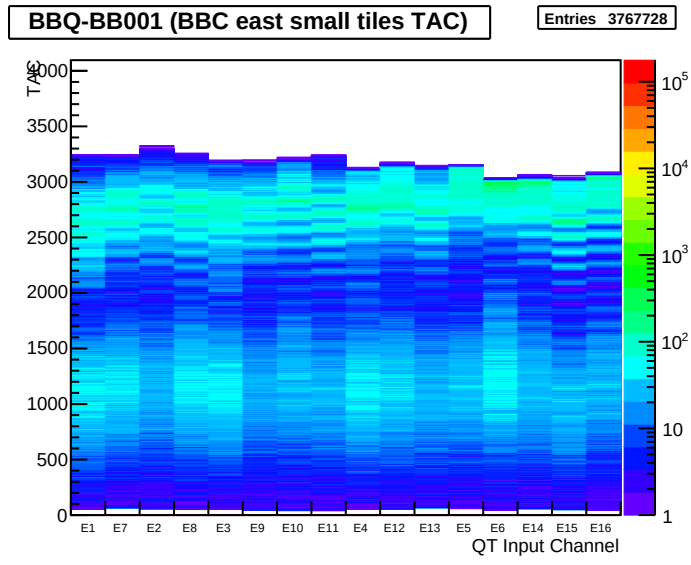

L2-TF201
Entries 235483
TOF total mult

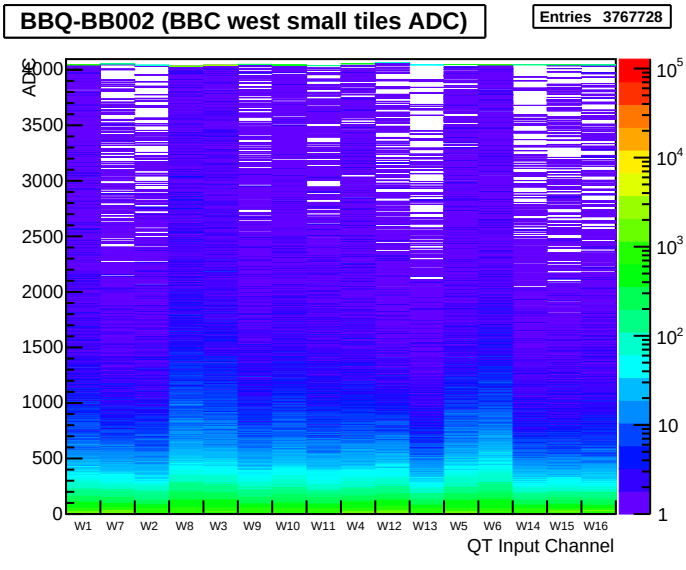

L2-TF201
Entries 0
TOF total mult(Real-Simu)

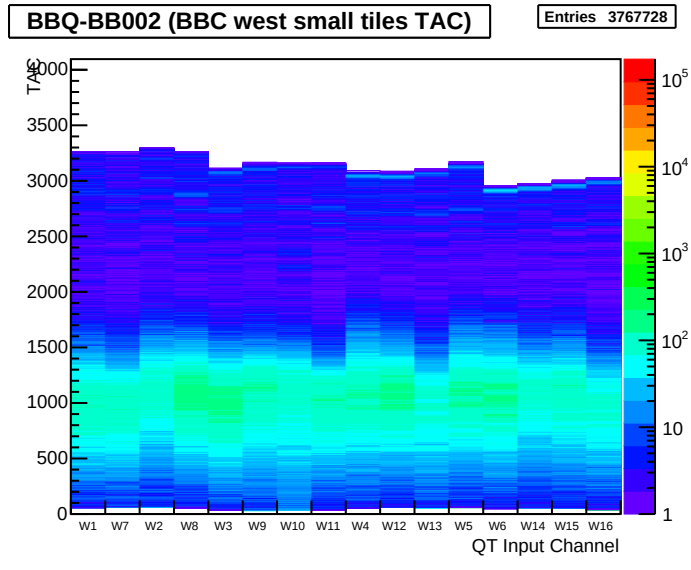

L2-TF201
Entries 1648381
Threshold/UPC bits
204034
205756
203894
205751
203945
203321
222199
31449
29727
31589
29732
31538
32162
13284
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

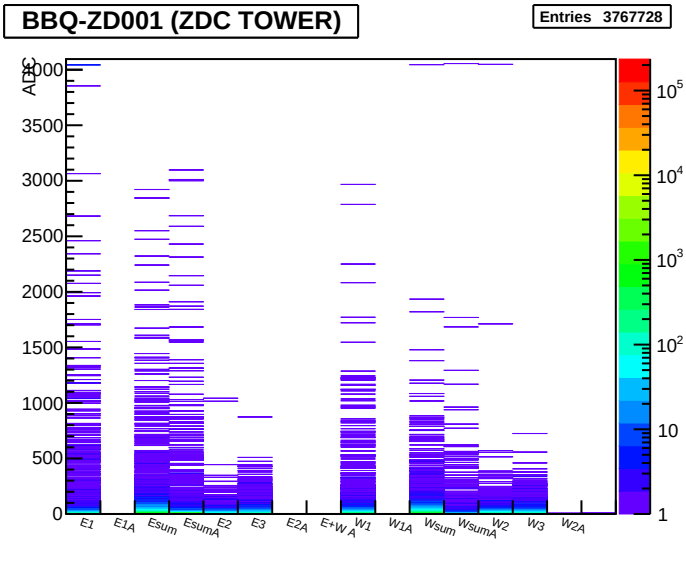

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

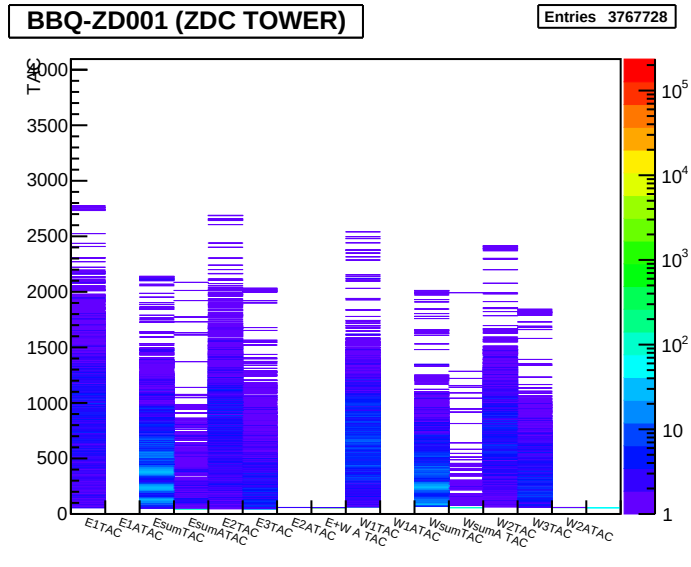

BBQ-BB001 (BBC east small tiles ADC)
Entries 3767728
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

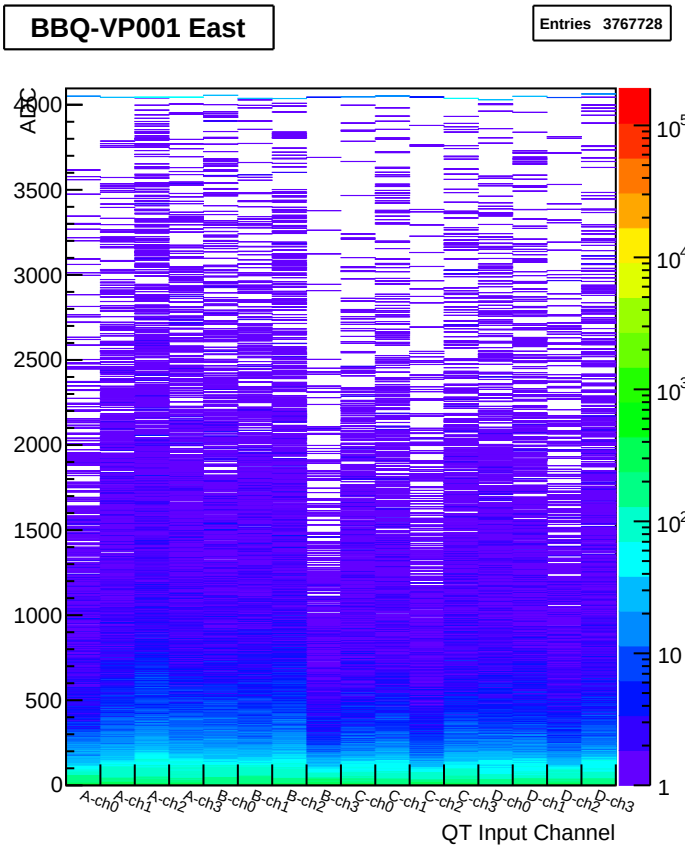

BBQ-BB001 (BBC east small tiles TAC)
Entries 3767728
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

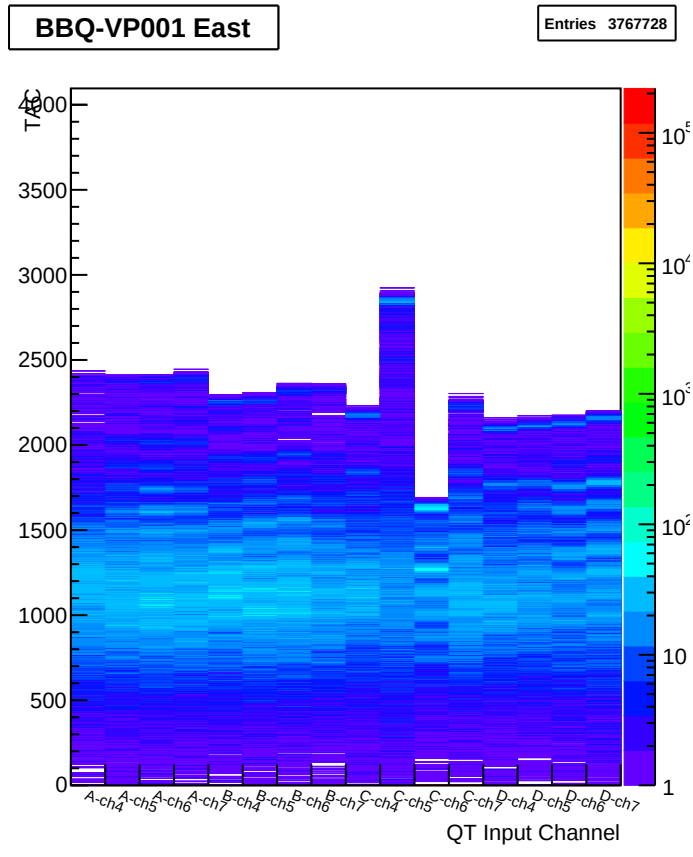

BBQ-BB002 (BBC west small tiles ADC)
Entries 3767728
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

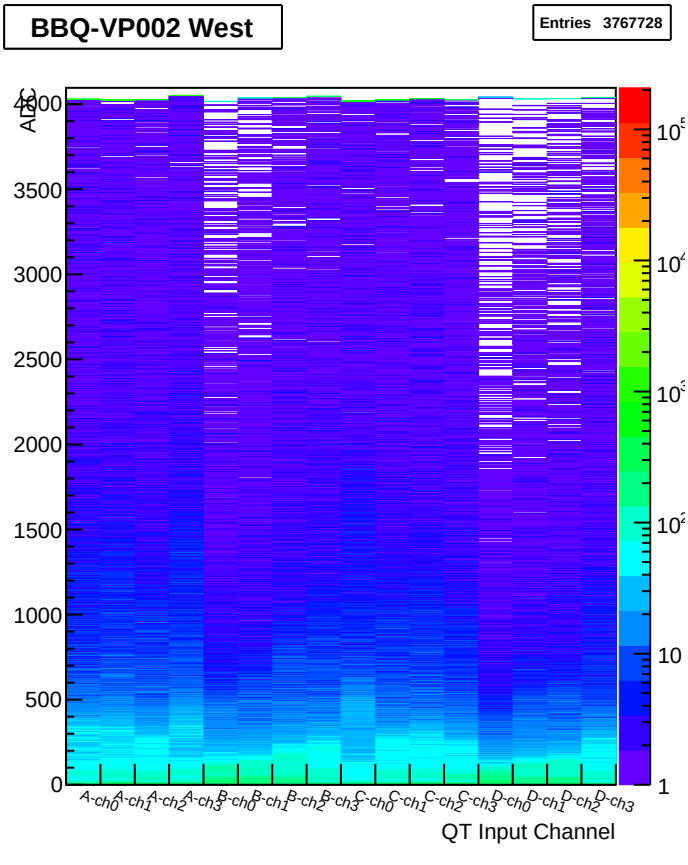

BBQ-BB002 (BBC west small tiles TAC)
Entries 3767728
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

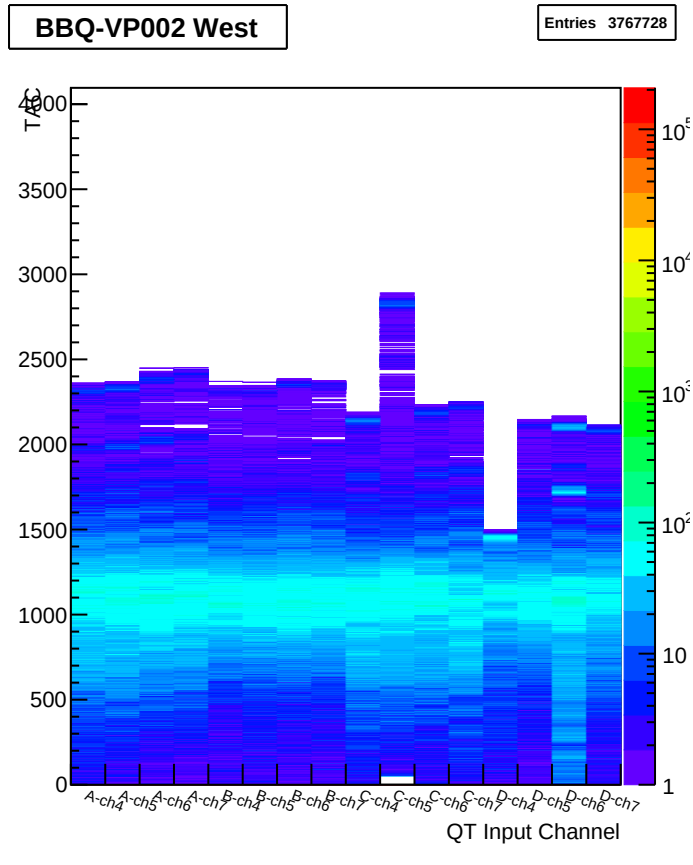

BBQ-ZD001 (ZDC TOWER)
Entries 3767728
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

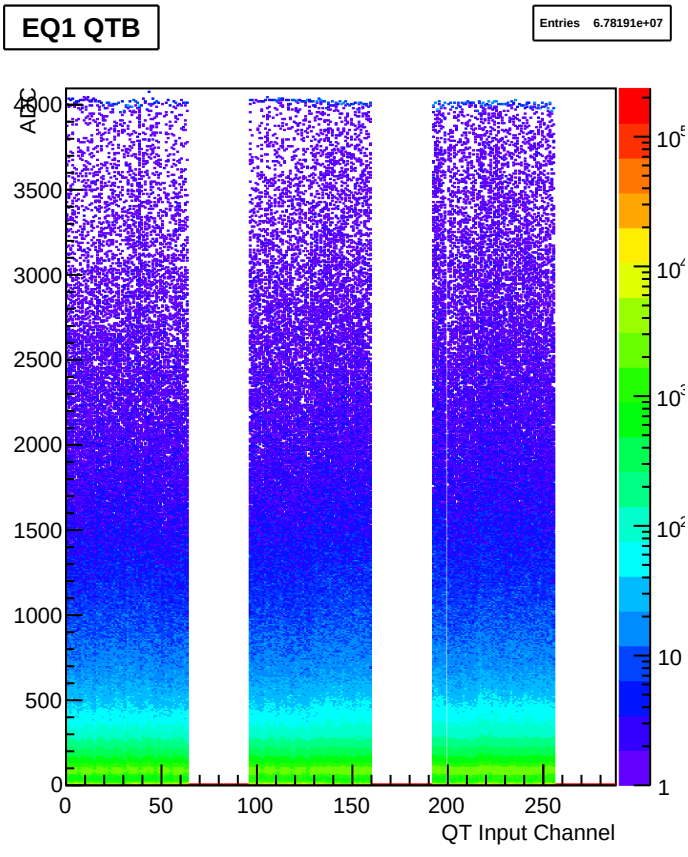

BBQ-ZD001 (ZDC TOWER)
Entries 3767728
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

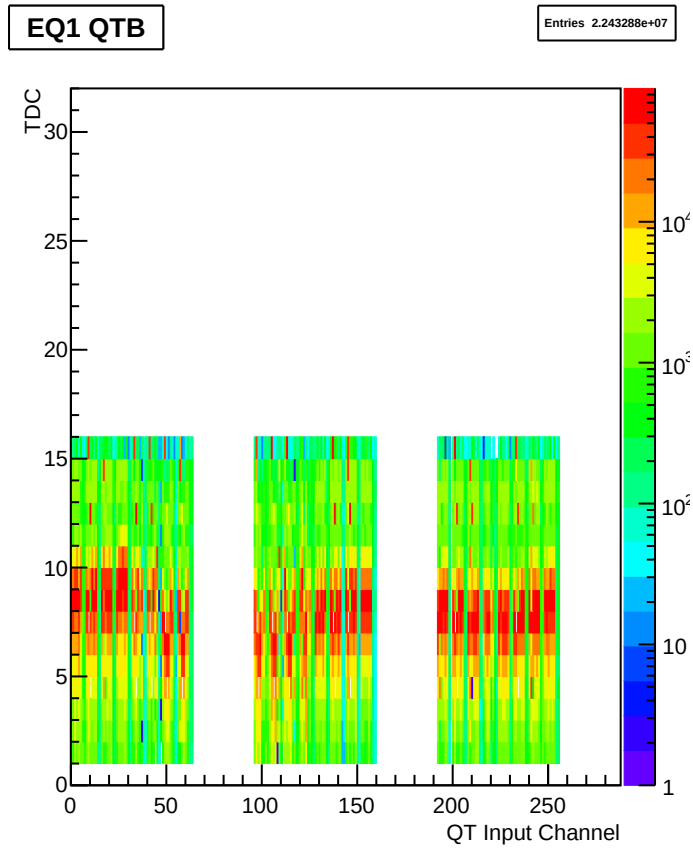

BBQ-VP001 East
Entries 3767728
ADC
QT Input Channel

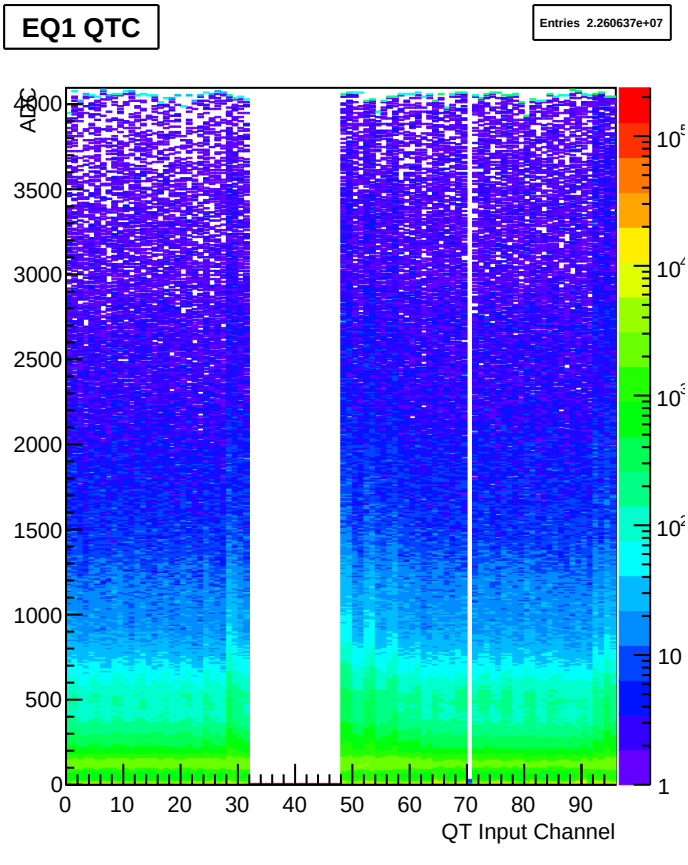

BBQ-VP001 East
Entries 3767728
TADC
QT Input Channel

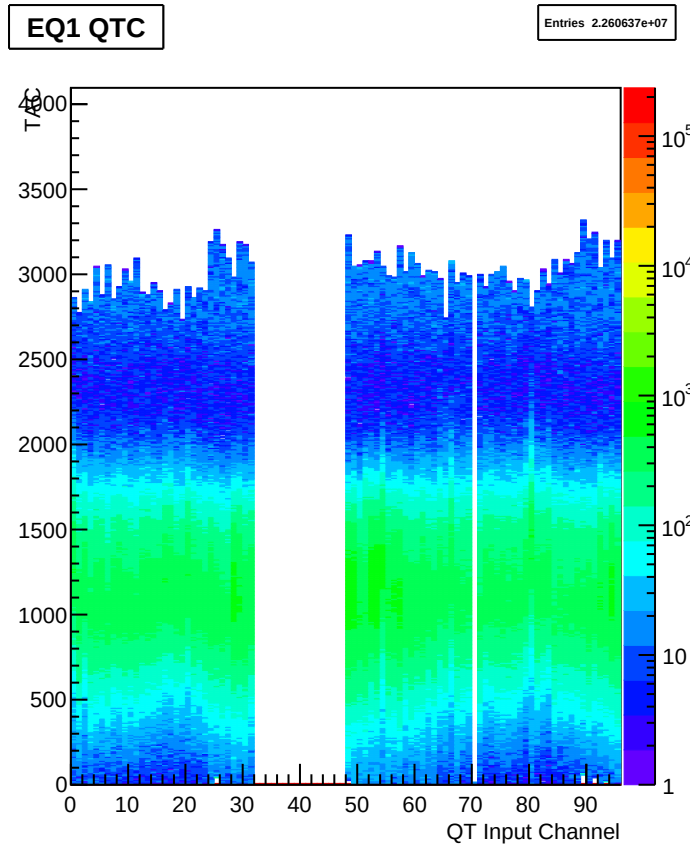

BBQ-VP002 West
Entries 3767728
ADC
QT Input Channel

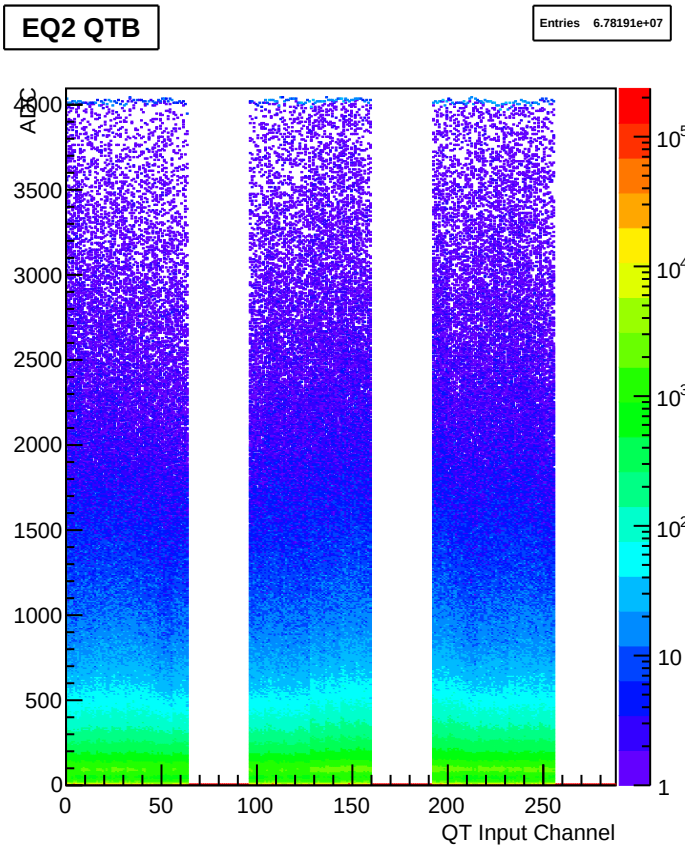

BBQ-VP002 West
Entries 3767728
TADC
QT Input Channel

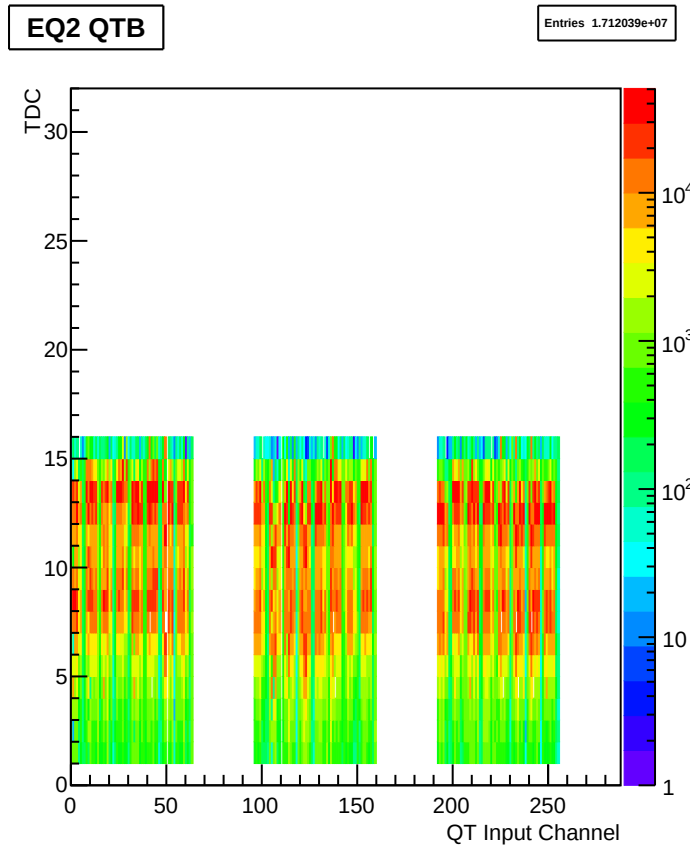

EQ1 QTB
Entries 6.78191e+07
ADC
QT Input Channel

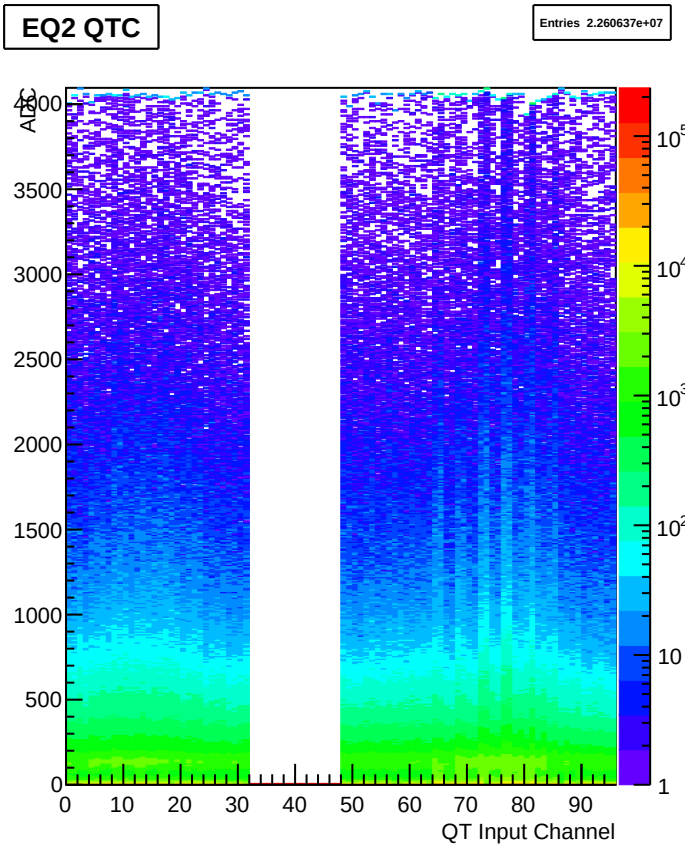

EQ1 QTB
Entries 2.243288e+07
TDC
QT Input Channel

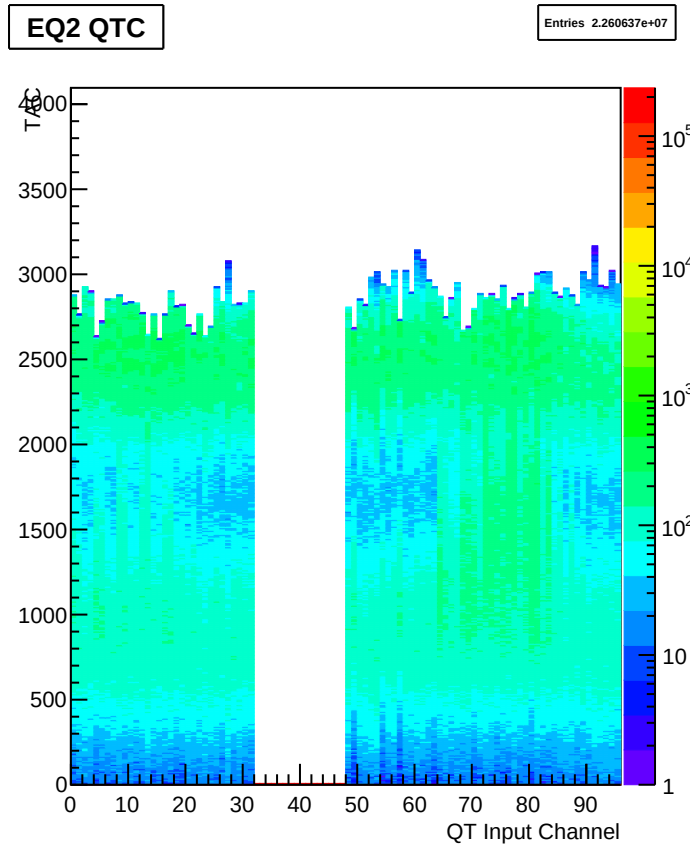

EQ1 QTC
Entries 2.260637e+07
ADC
QT Input Channel

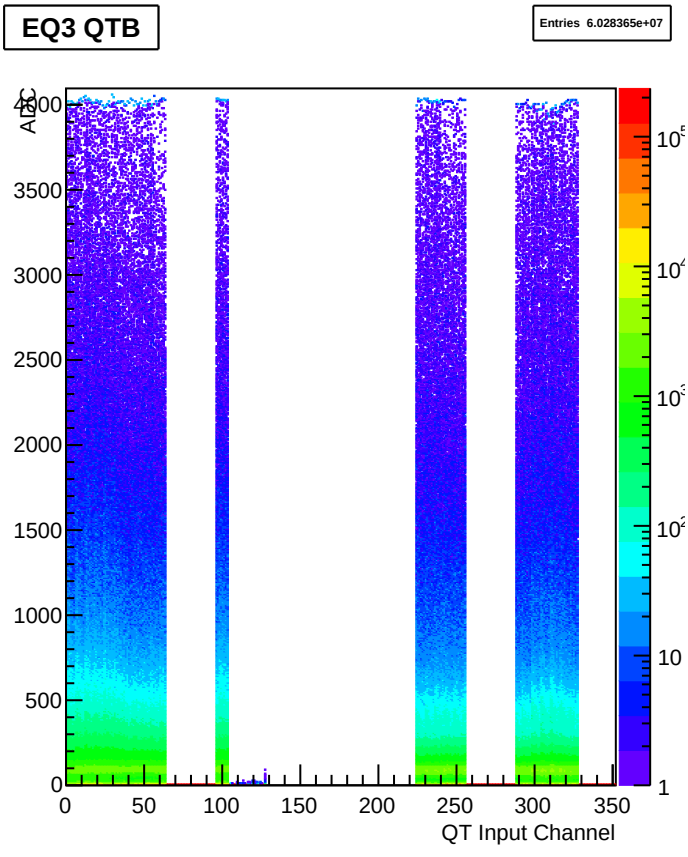

EQ1 QTC
Entries 2.260637e+07
TADC
QT Input Channel

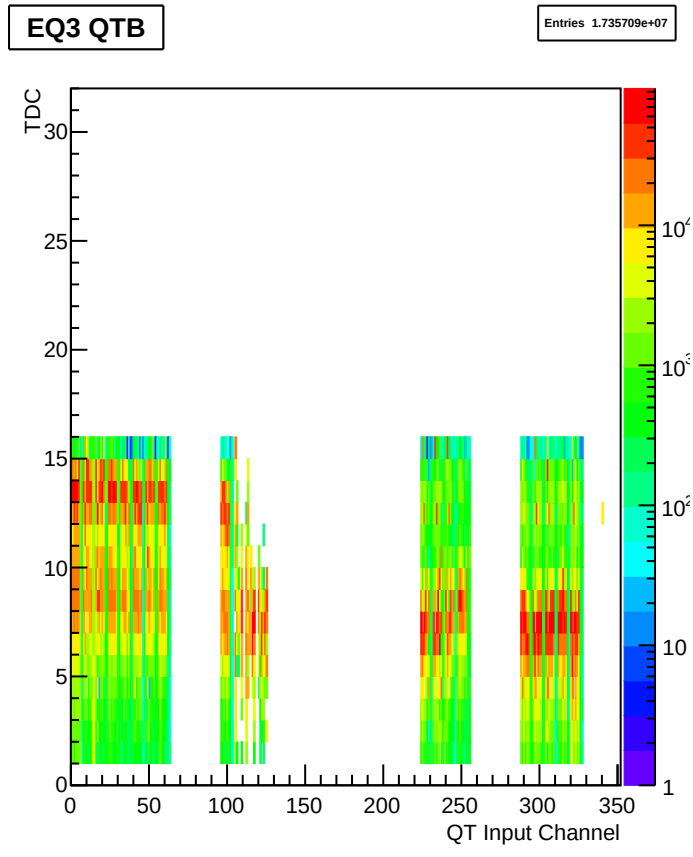

EQ2 QTB
Entries 6.78191e+07
ADC
QT Input Channel

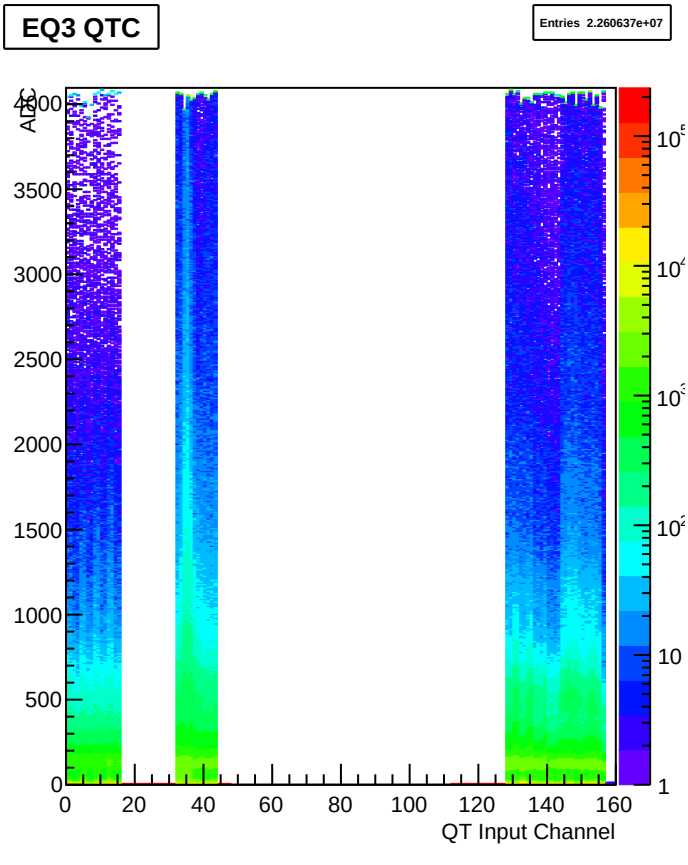

EQ2 QTB
Entries 1.712039e+07
TDC
QT Input Channel

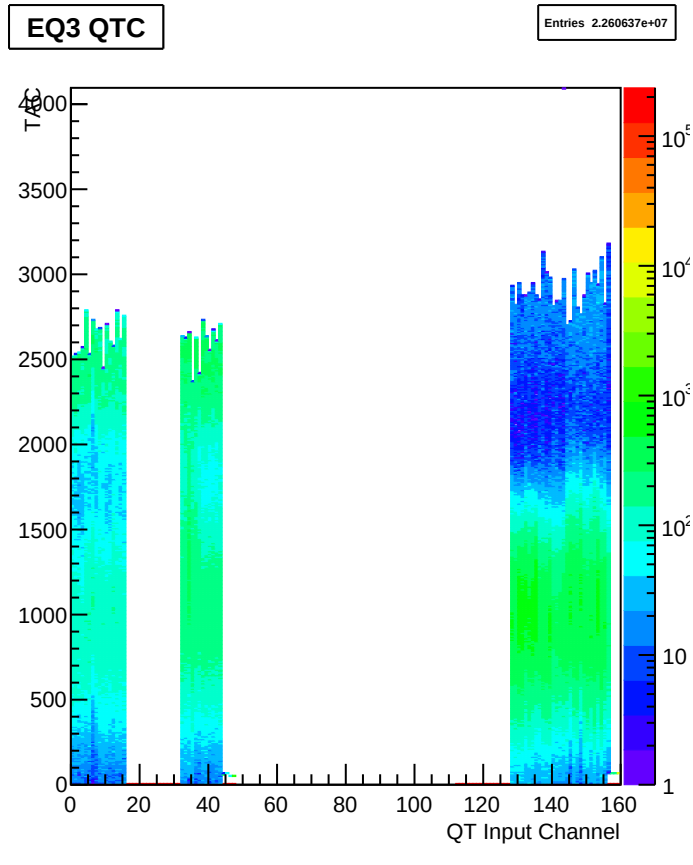

EQ2 QTC
Entries 2.260637e+07
ADC
QT Input Channel

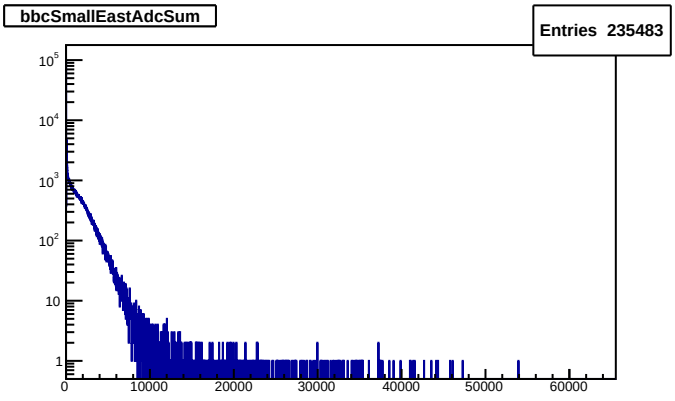

EQ2 QTC
Entries 2.260637e+07
TADC
QT Input Channel

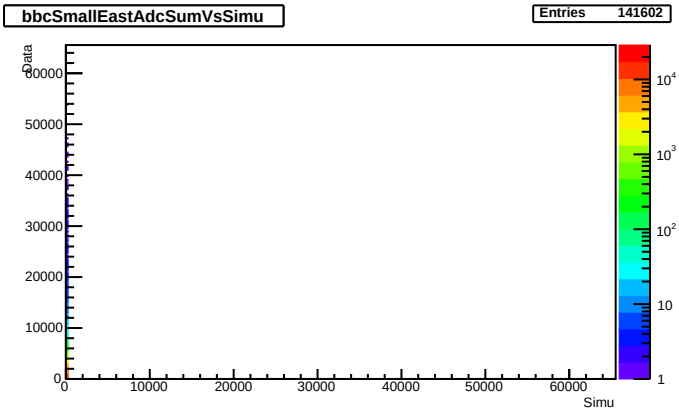

EQ3 QTB
Entries 6.028365e+07
ADC
QT Input Channel

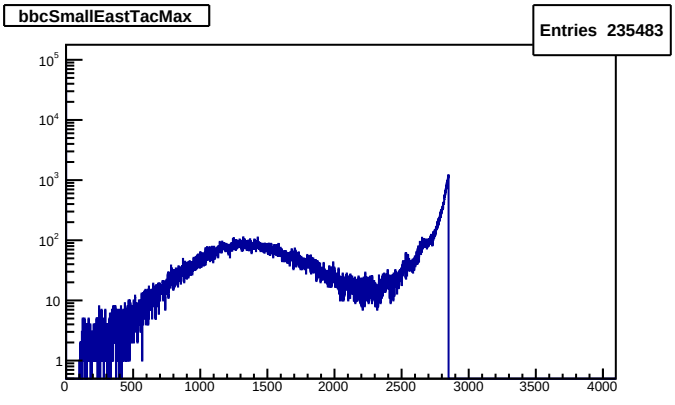

EQ3 QTB
Entries 1.735709e+07
TDC
QT Input Channel

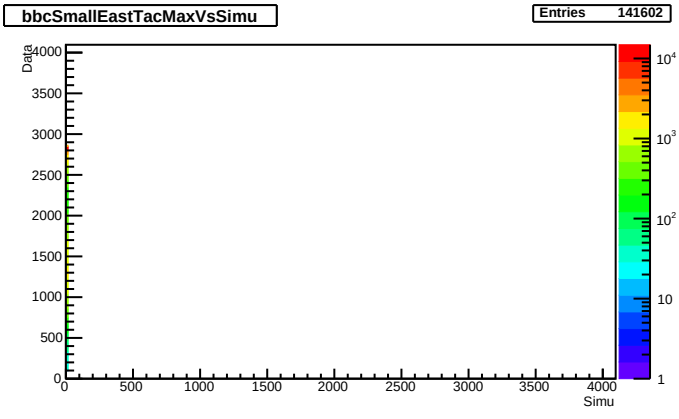

EQ3 QTC
Entries 2.260637e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.260637e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 235483


bbcSmallEastAdcSumVsSimu
Entries 141602
Data
Simu


bbcSmallEastTacMax
Entries 235483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Entries 141602
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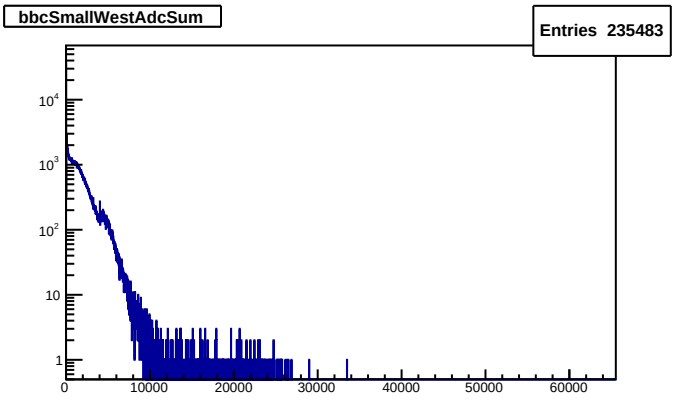
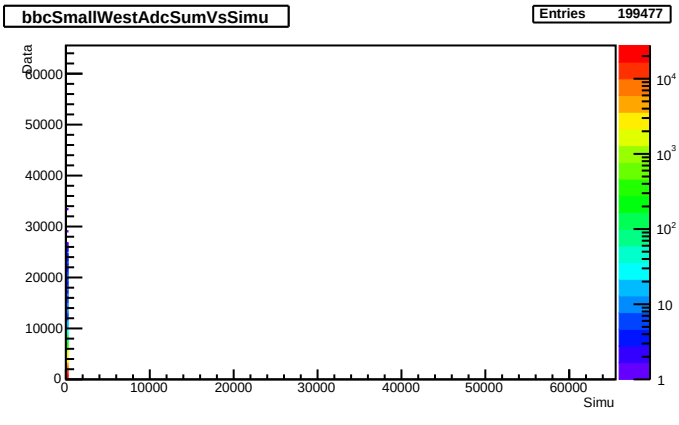

bbcSmallWestAdcSum
Entries 235483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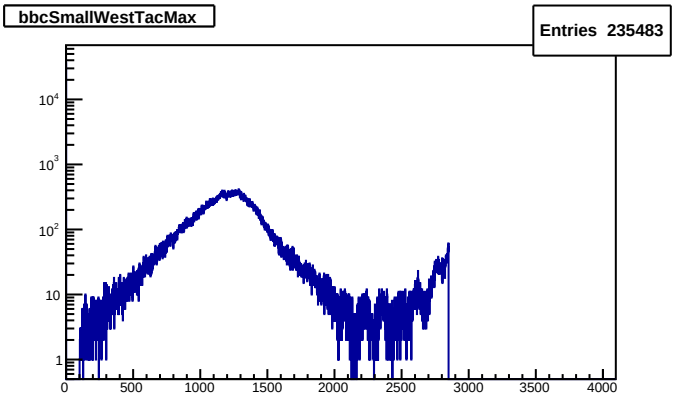
Entries 199477
Data
Simu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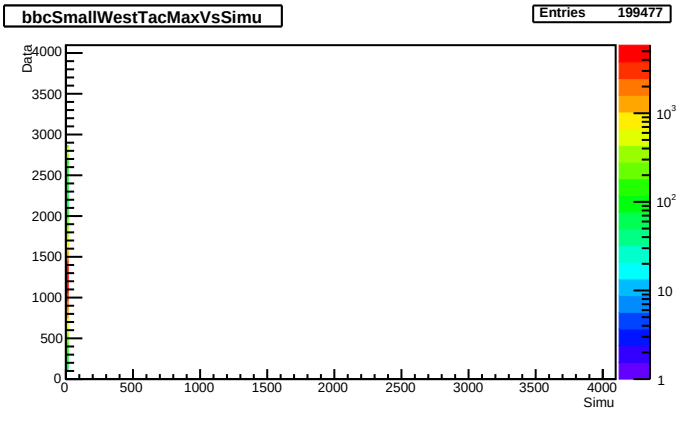
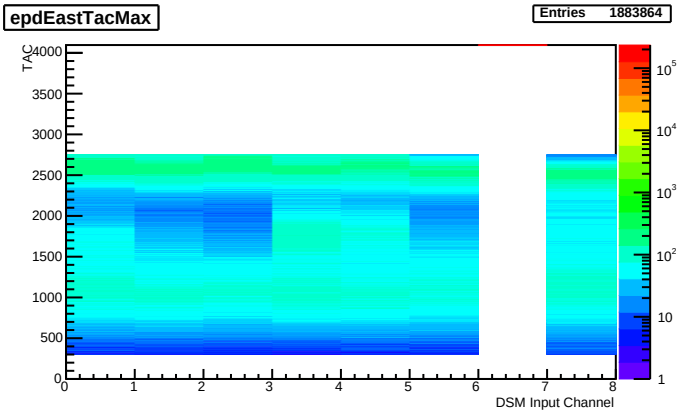
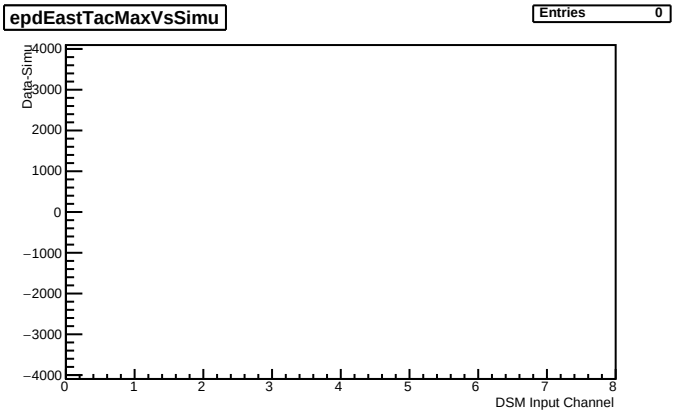
Entries 235483


bbcSmallWestTacMaxVsSimu
Entries 199477
Data
Simu


epdEastTacMax
Entries 1883864
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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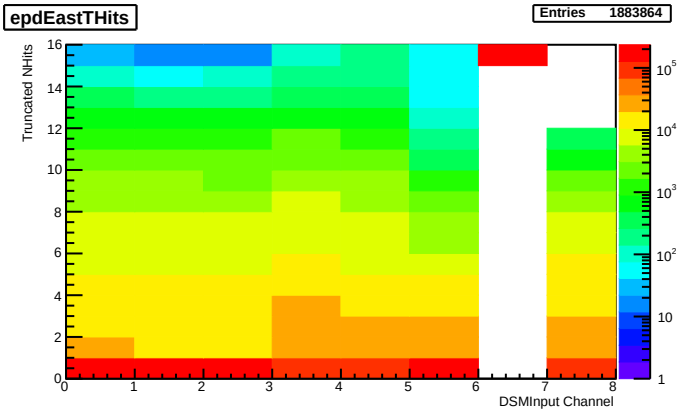
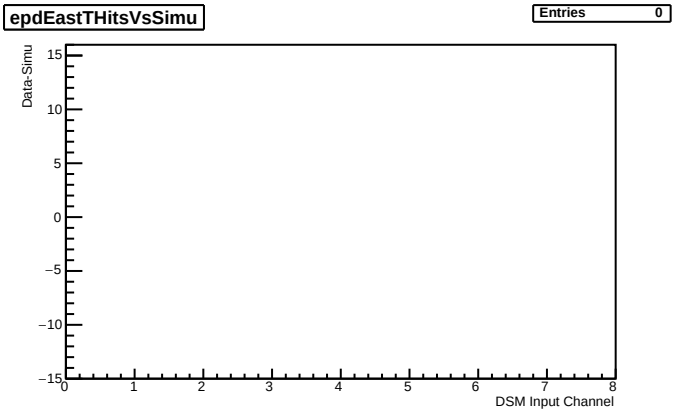

epdEastTHits
Entries 1883864
Truncated NHits
DSMInput Channel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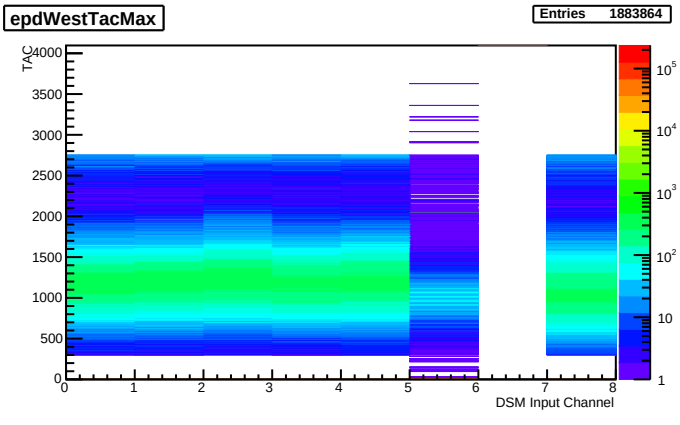
Data-Simu
DSM Input Channel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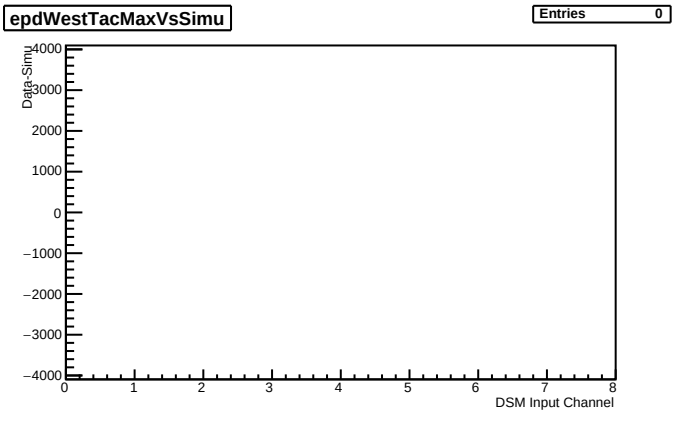
Entries 1883864
TAC
DSM Input Channel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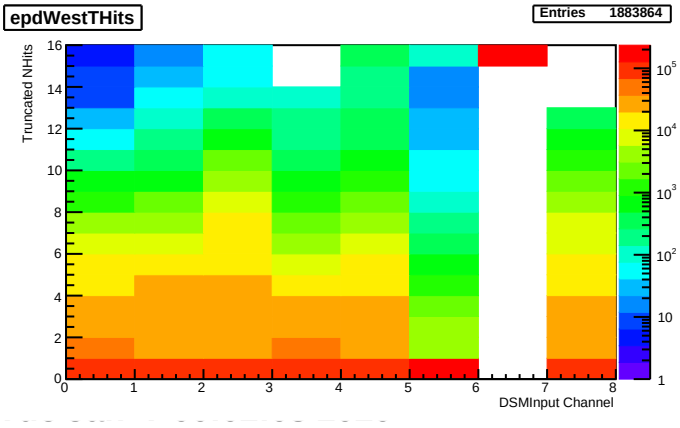
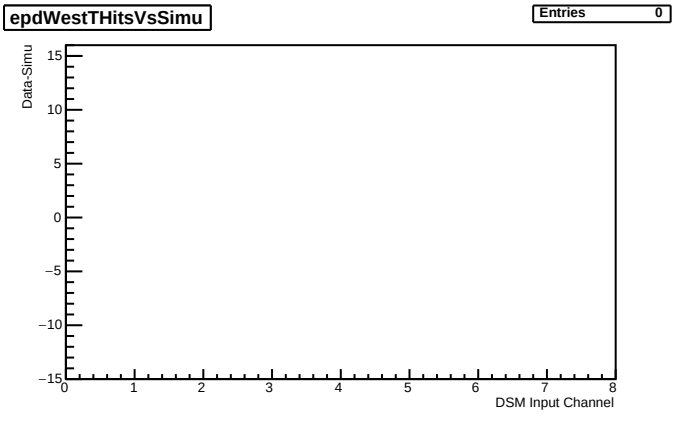
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1883864
Truncated NHits
DSMInput Channel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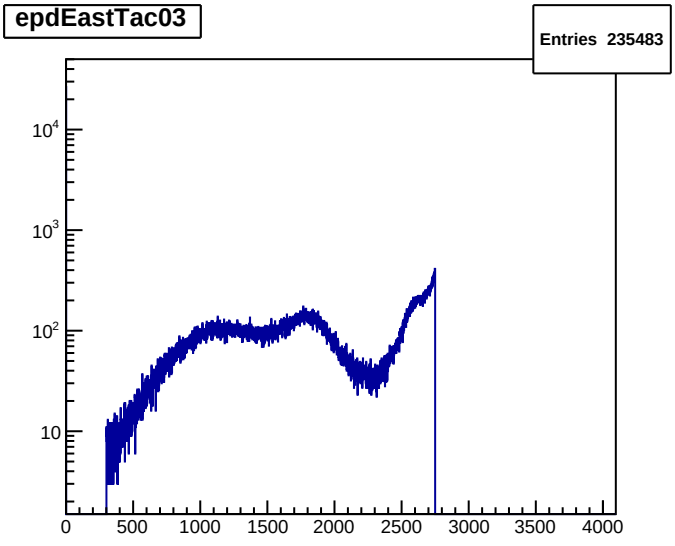
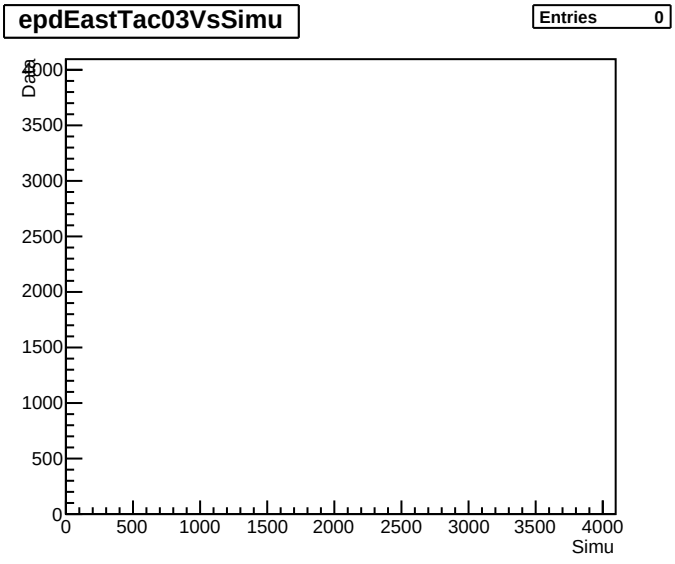
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 235483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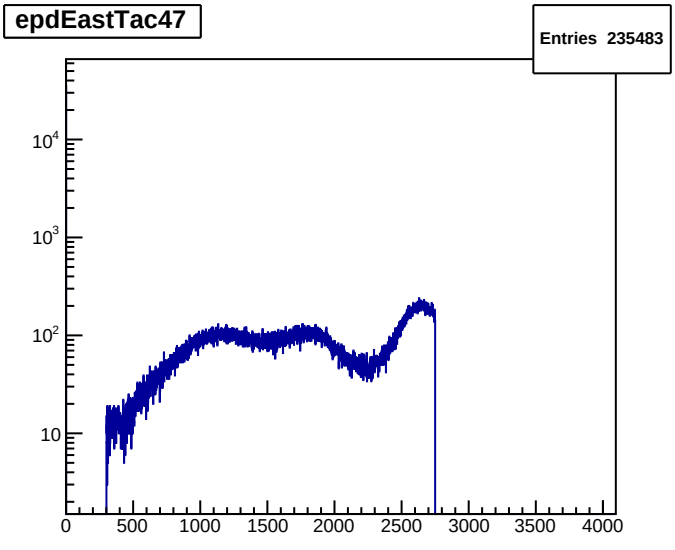
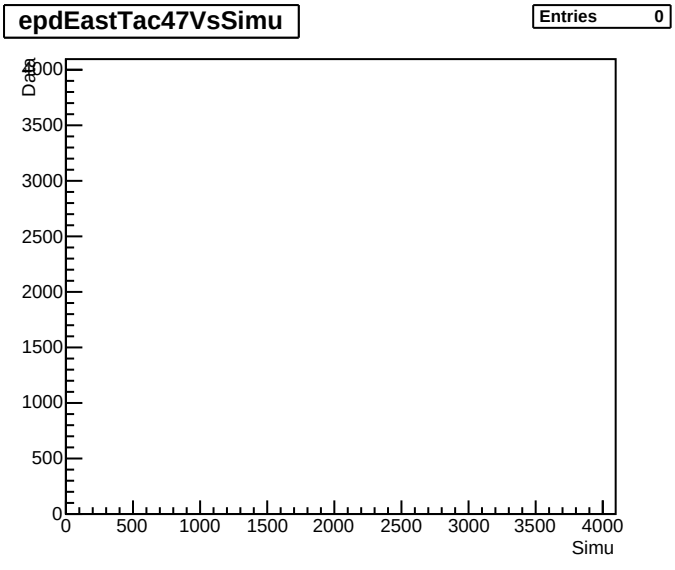
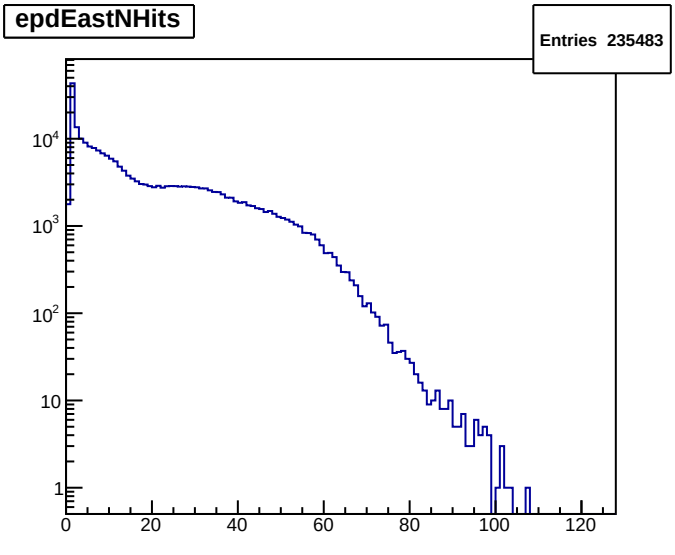
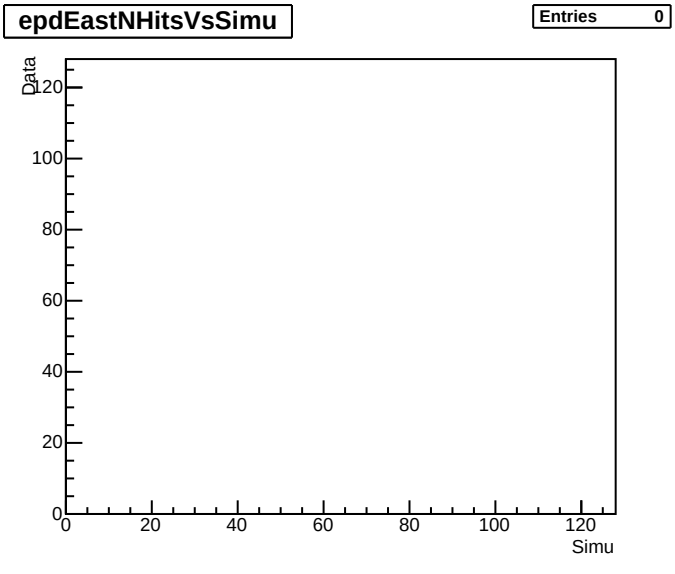
Entries 0
Data
Simu


epdEastTac47
Entries 235483


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 235483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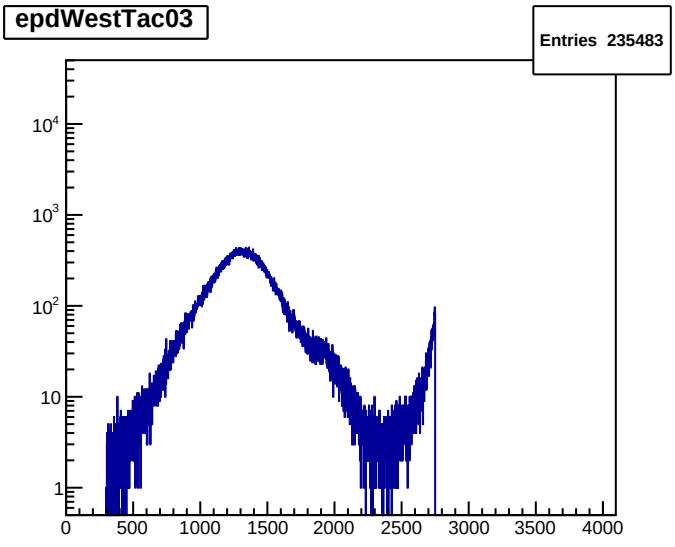
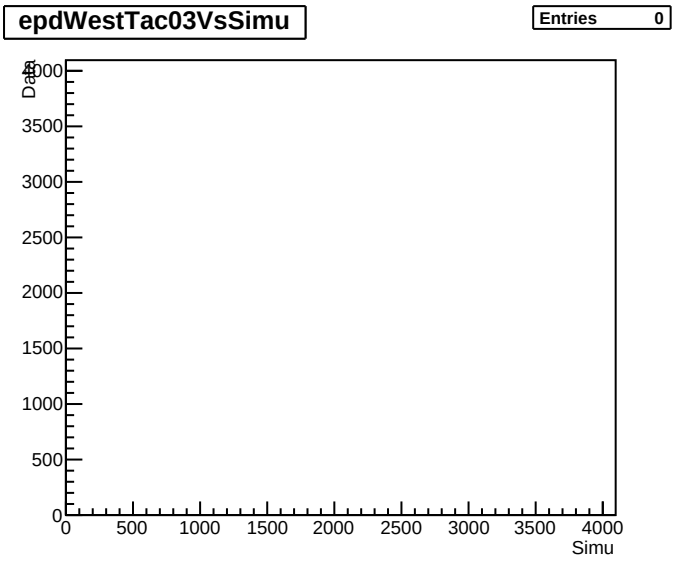
Entries 0
Data
Simu


epdWestTac03
Entries 235483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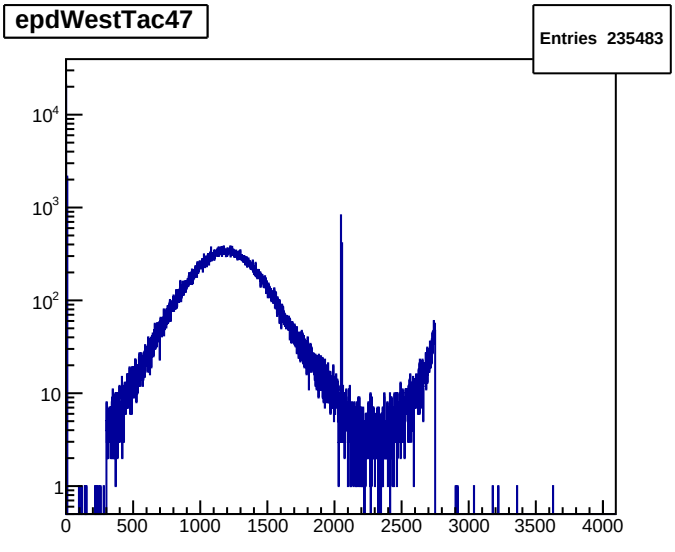
Entries 0
Data
Simu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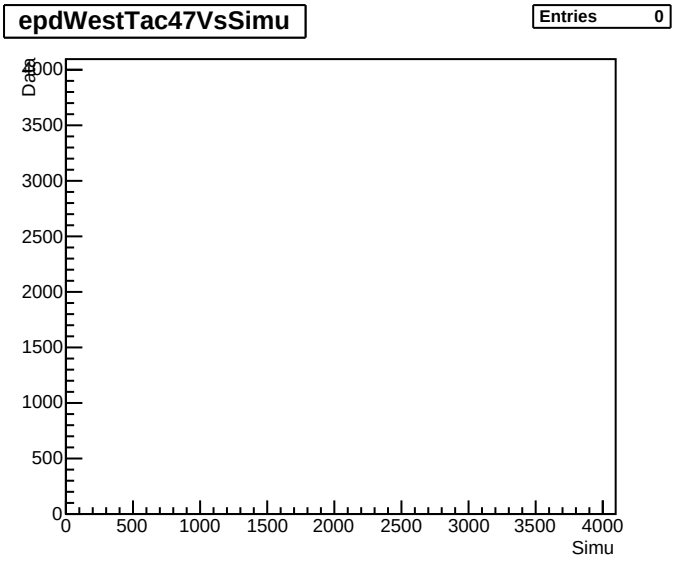
Entries 235483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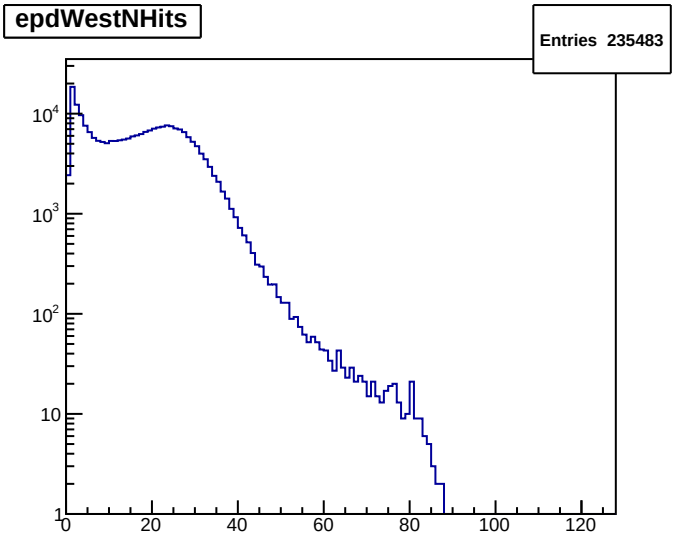
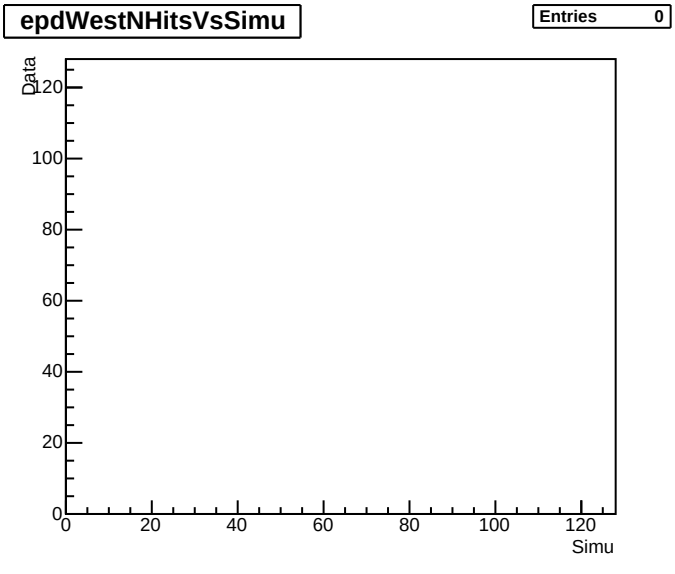
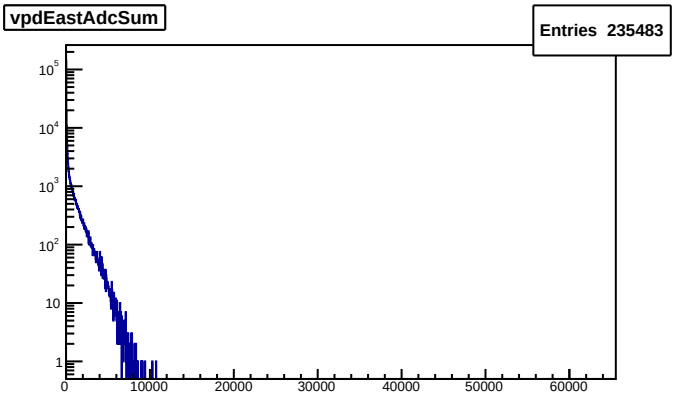
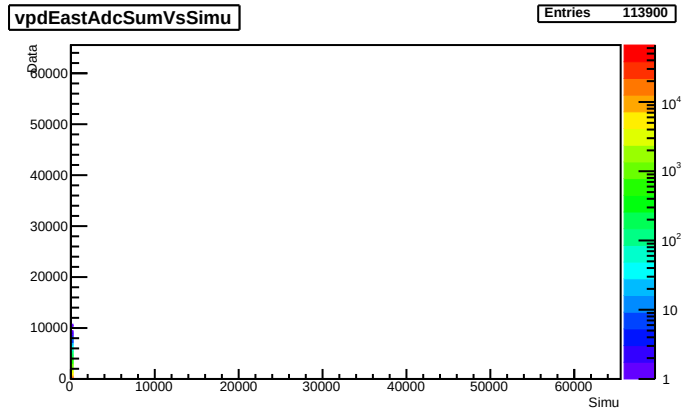
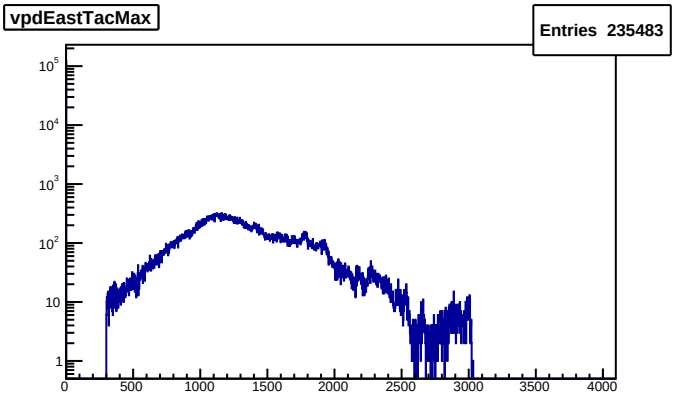
Entries 0
Data
Simu

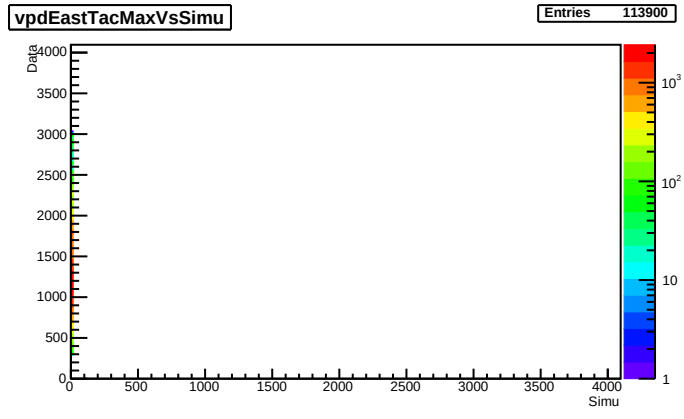

epdWestNHits
Entries 235483

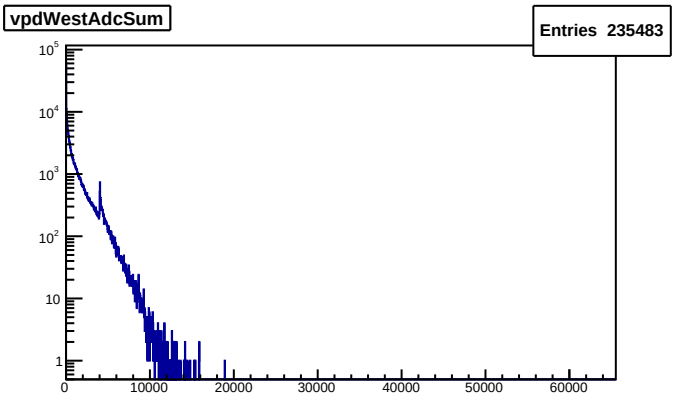

epdWestNHitsVsSimu
Entries 0
Data
Simu

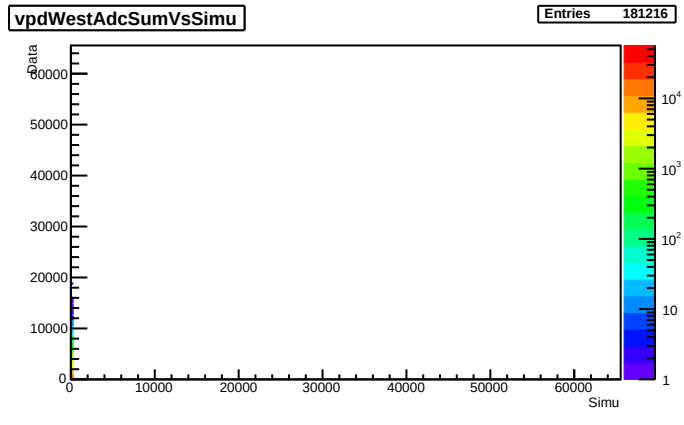

vpdEastAdcSum
Entries 235483

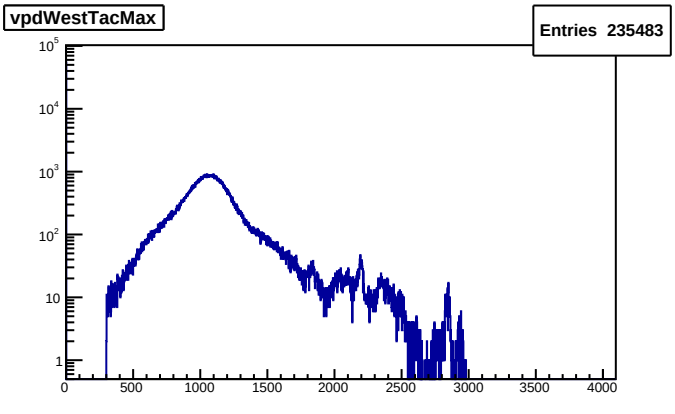

vpdEastAdcSumVsSimu
Entries 113900
Data
Simu

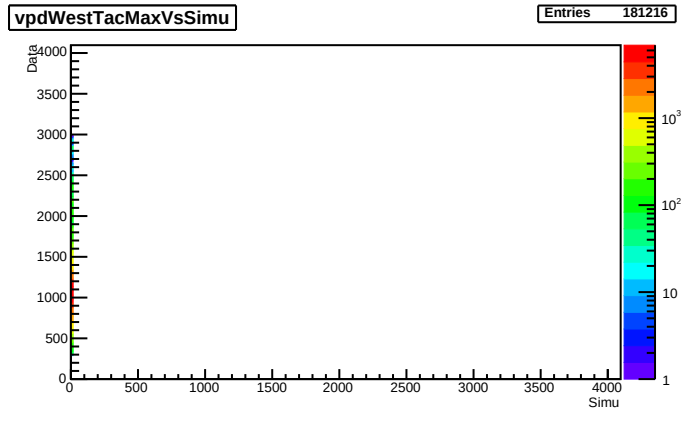

vpdEastTacMax
Entries 235483

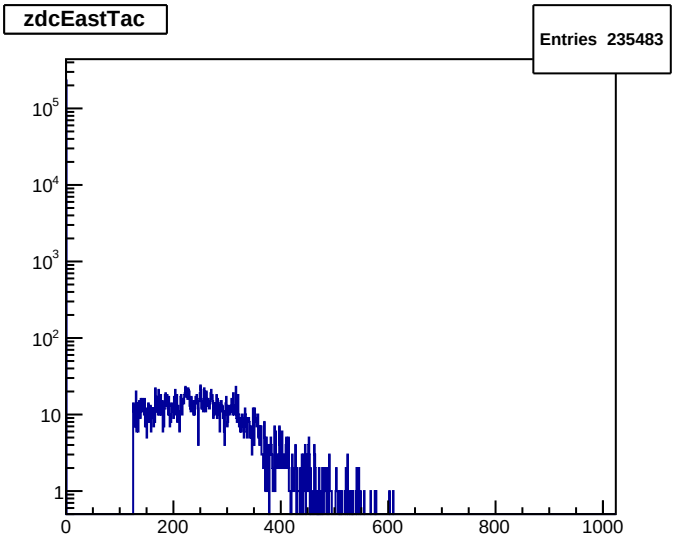

vpdEastTacMaxVsSimu
Entries 113900
Data
Simu

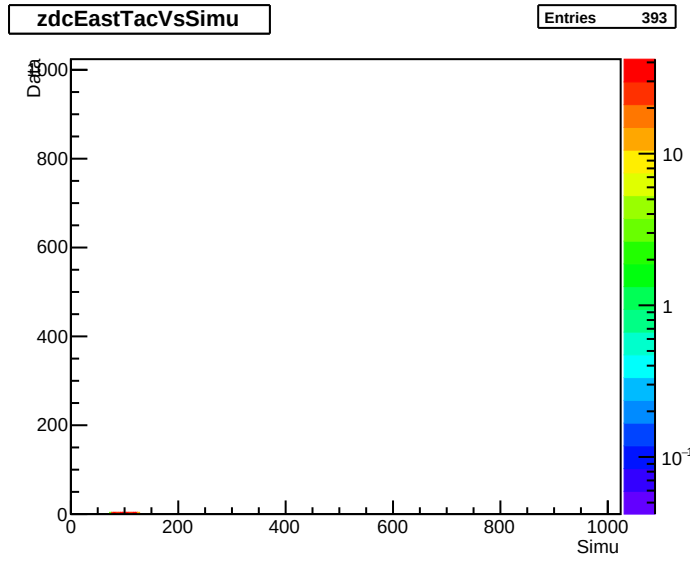

vpdWestAdcSum
Entries 235483

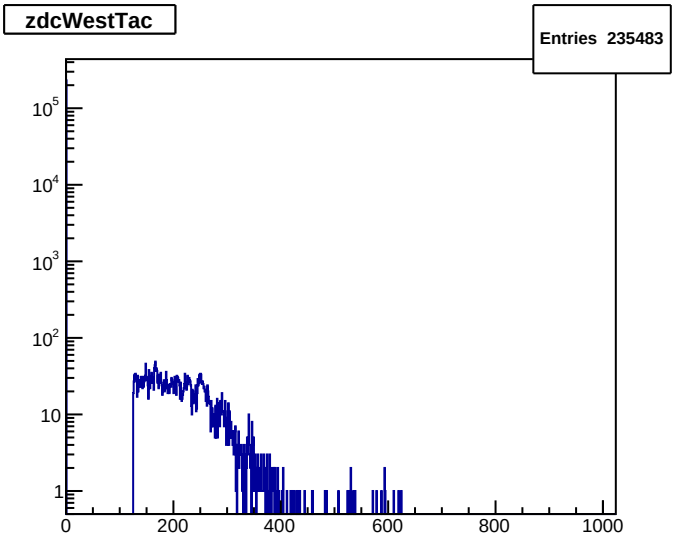

vpdWestAdcSumVsSimu
Entries 181216
Data
Simu

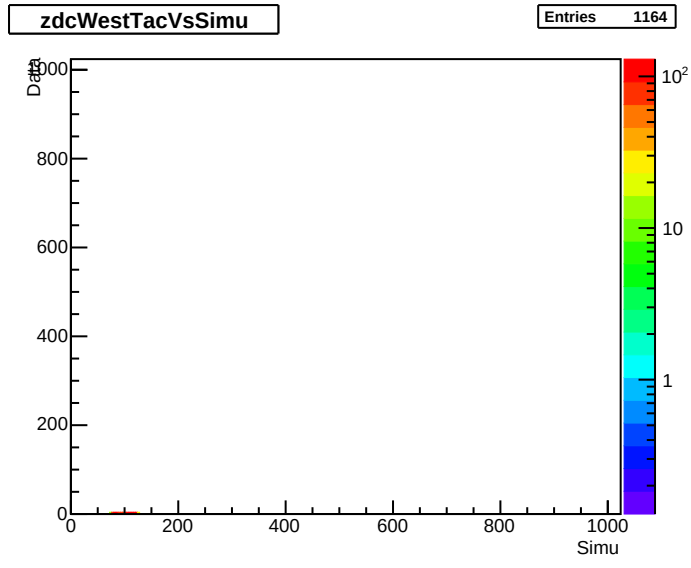

vpdWestTacMax
Entries 235483

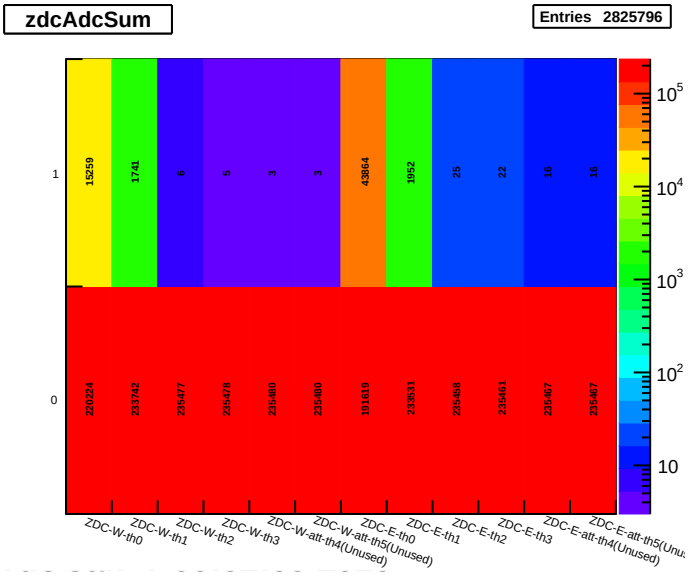

vpdWestTacMaxVsSimu
Entries 181216
Data
Simu

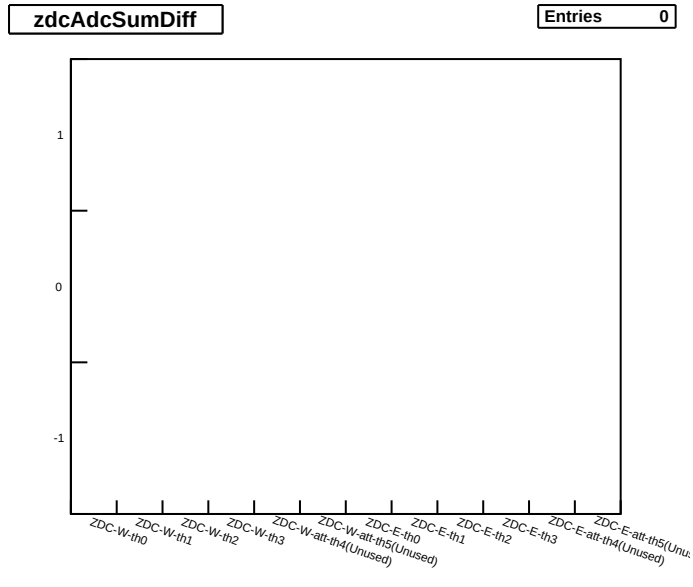

zdcEastTac
Entries 235483

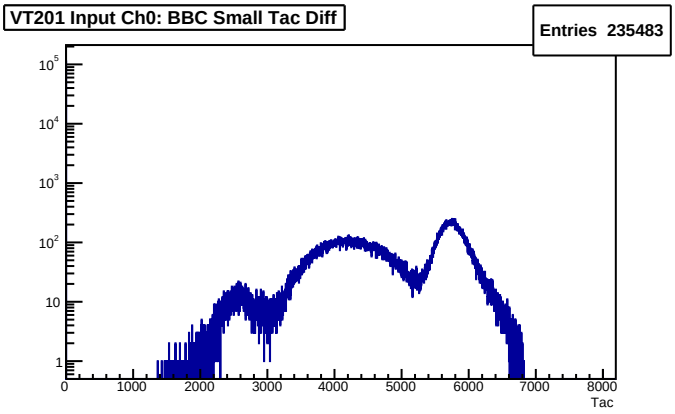

zdcEastTacVsSimu
Entries 393
Data
Simu

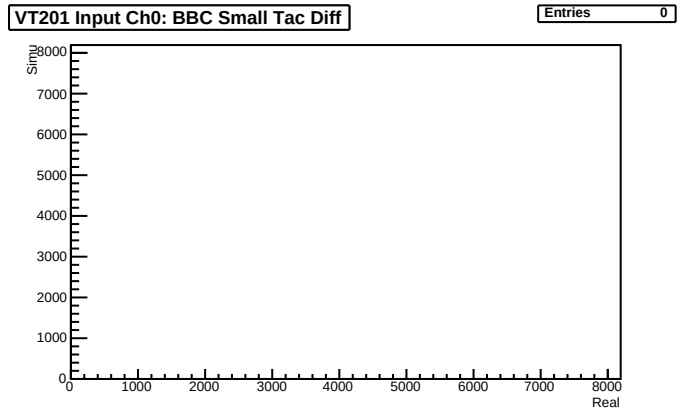

zdcWestTac
Entries 235483

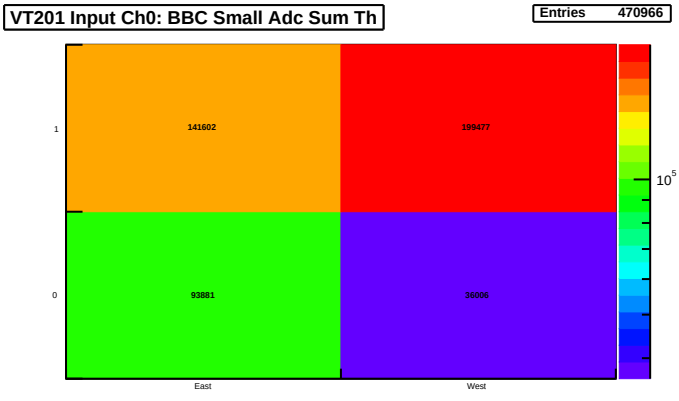

zdcWestTacVsSimu
Entries 1164
Data
Simu

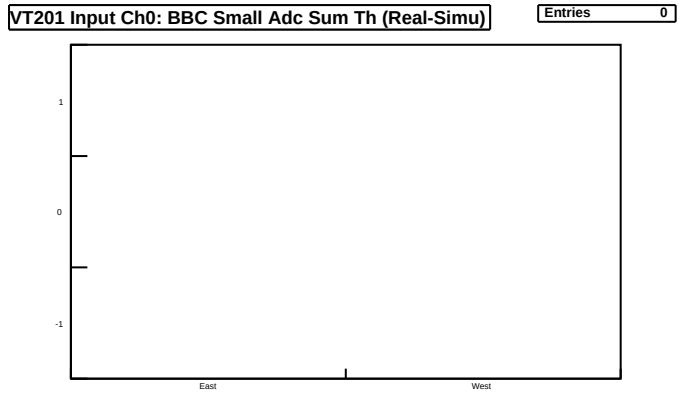

zdcAdcSum
Entries 2825796
15259
1741
6
5
3
3
43864
1952
25
22
16
16
220224
233742
235477
235478
235480
235480
191619
233531
235458
235461
235467
235467
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

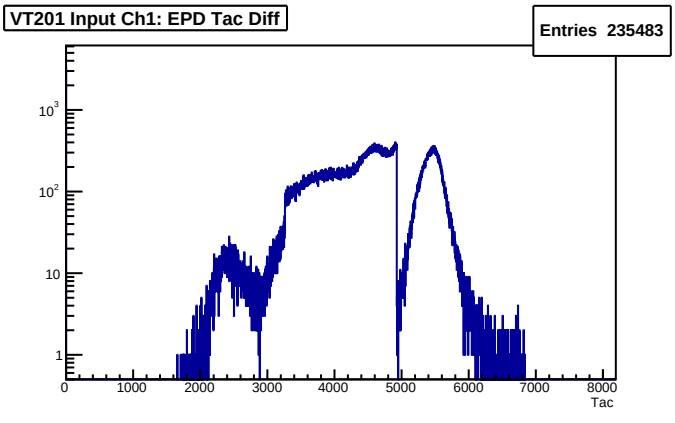

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

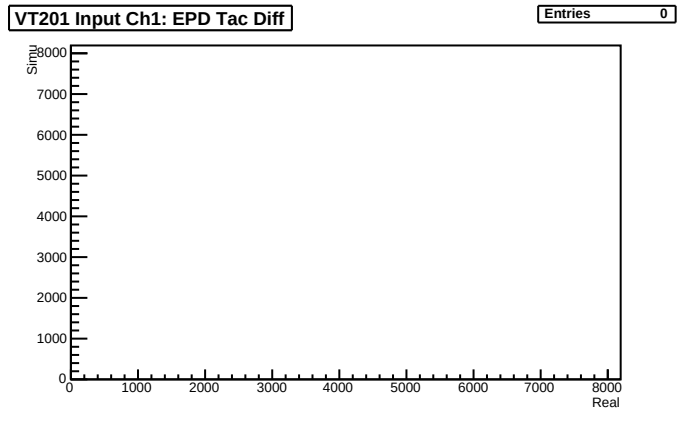

VT201 Input Ch0: BBC Small Tac Diff
Entries 235483
Tac

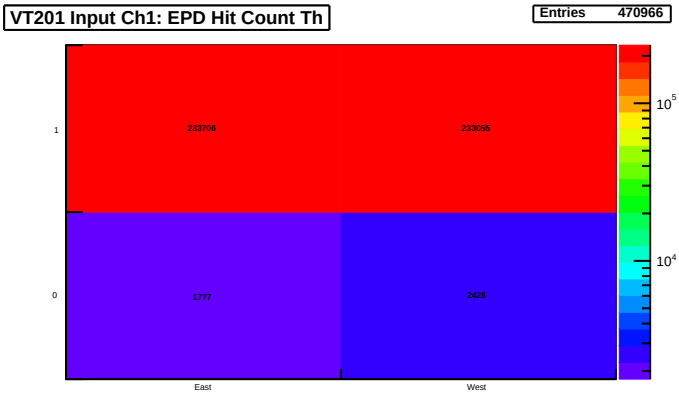

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

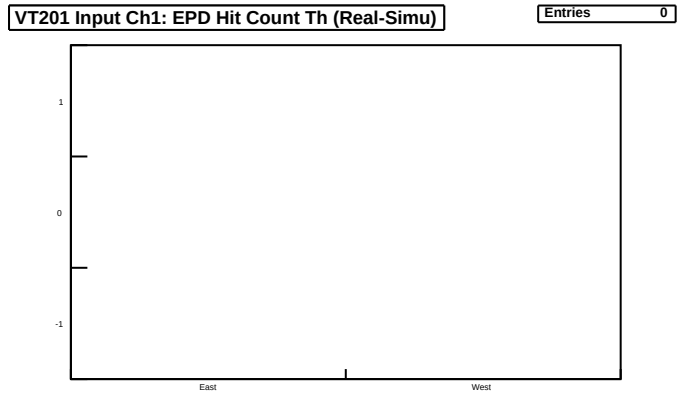

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 470966
141602
199477
93881
36006
East
West

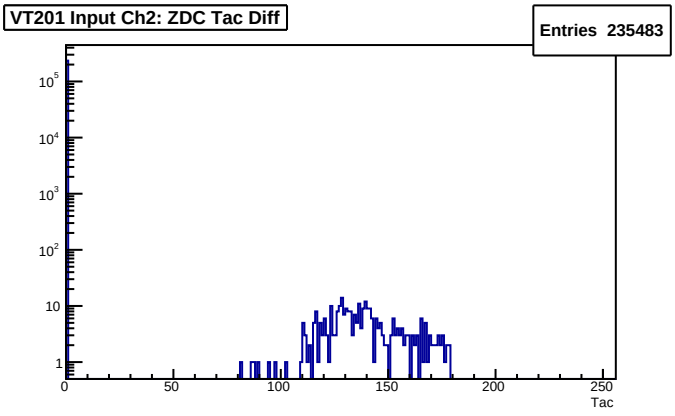

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

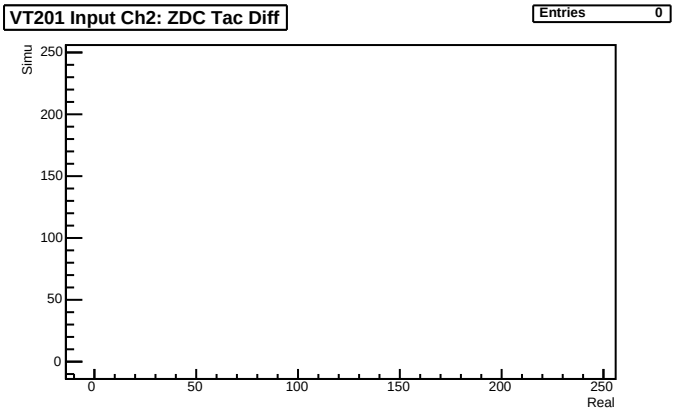

VT201 Input Ch1: EPD Tac Diff
Entries 235483
Tac

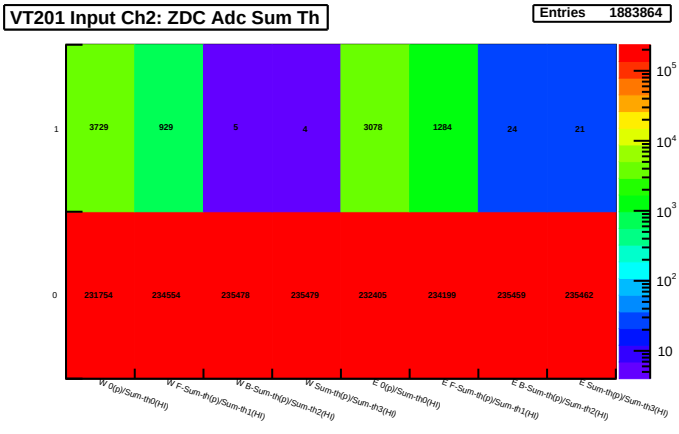

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

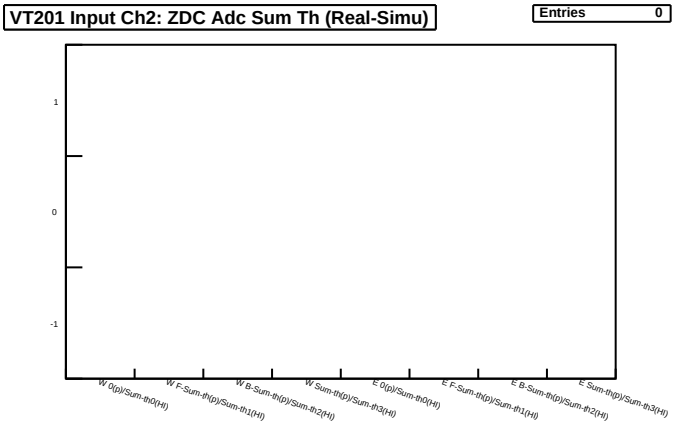

VT201 Input Ch1: EPD Hit Count Th
Entries 470966
233706
233055
1777
2428
East
West

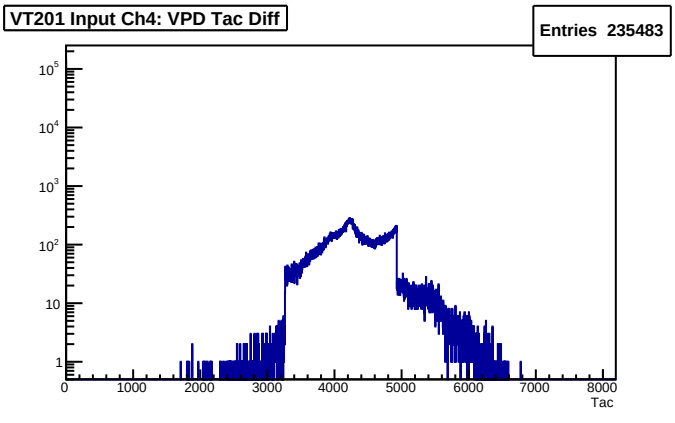

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

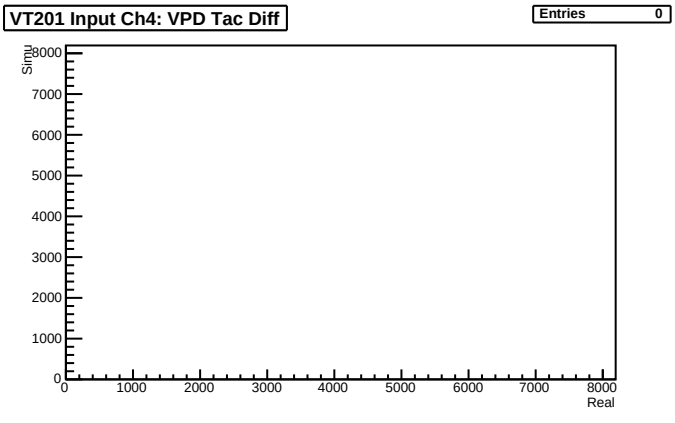

VT201 Input Ch2: ZDC Tac Diff
Entries 235483
Tac

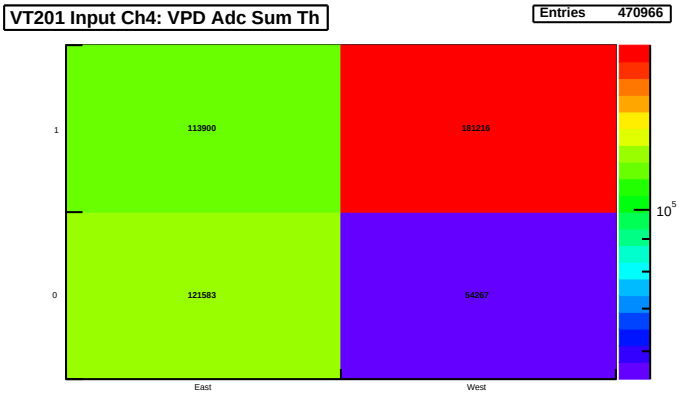

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

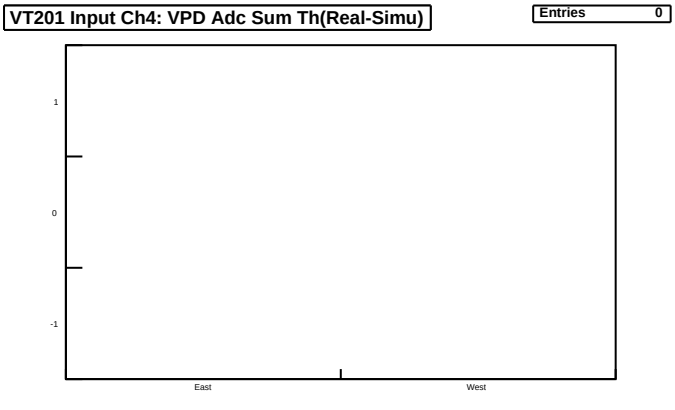

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1883864
3729
929
5
4
3078
1284
24
21
231754
234554
235478
235479
232405
234199
235459
235462
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

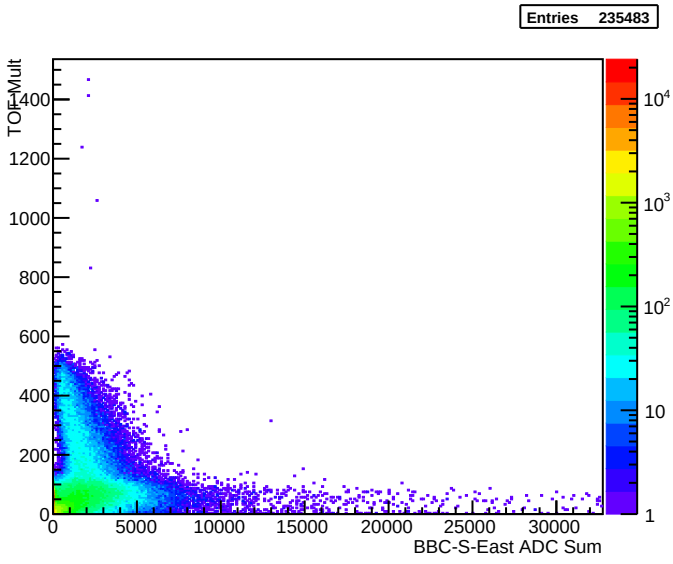

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

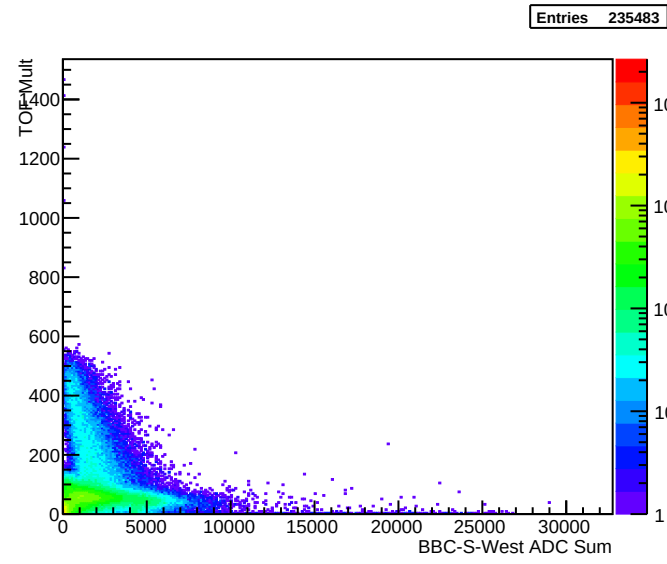

VT201 Input Ch4: VPD Tac Diff
Entries 235483
Tac

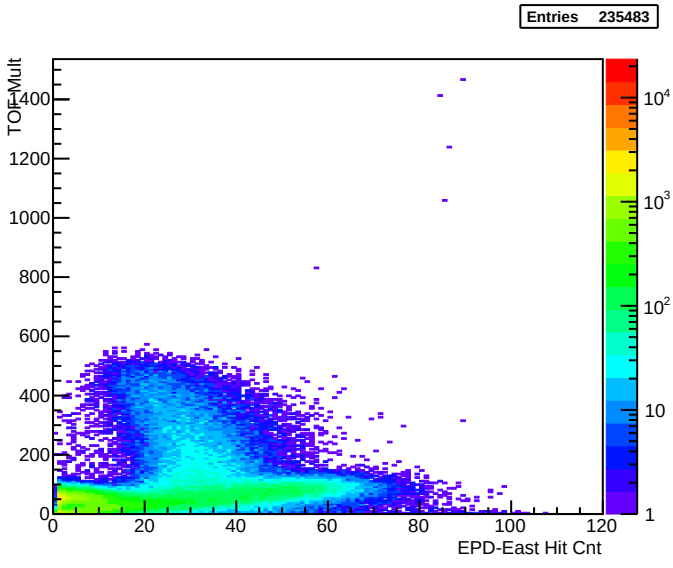

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

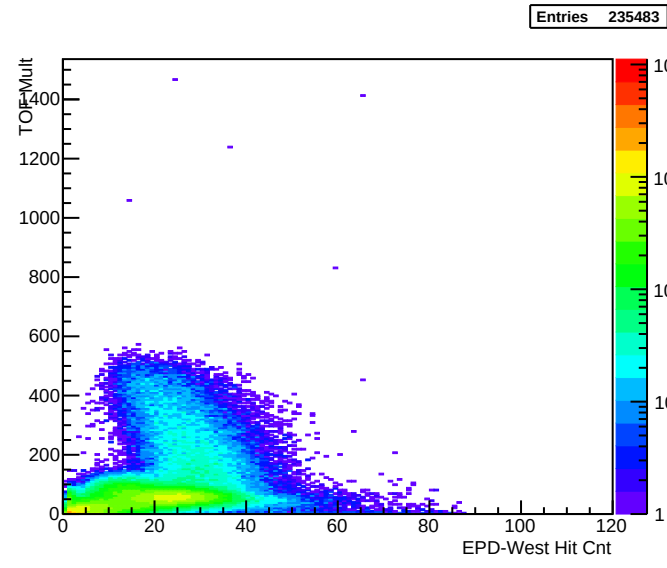

VT201 Input Ch4: VPD Adc Sum Th
Entries 470966
113900
181216
121583
54267
East
West

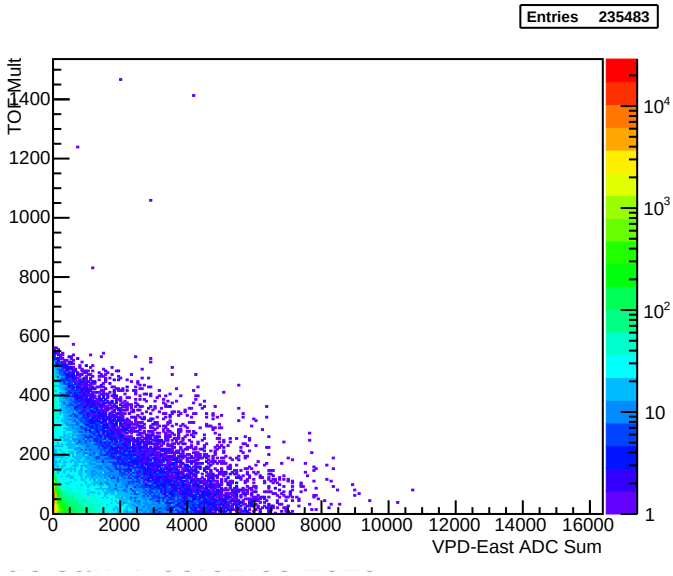

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

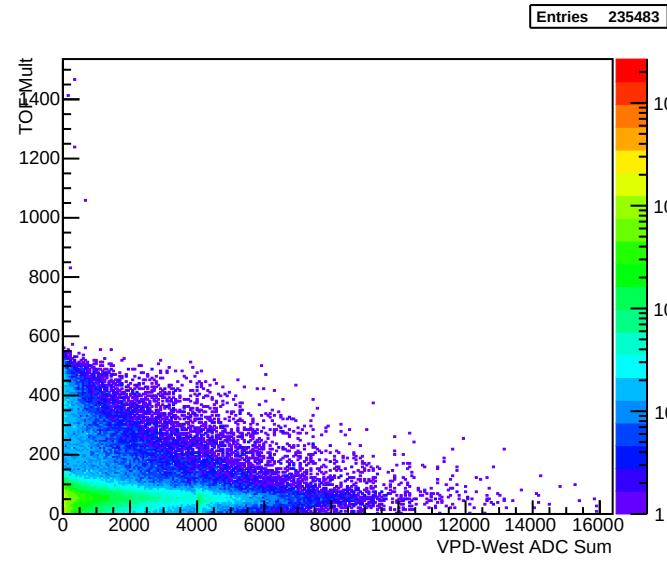

Entries 235483
TOF-Mult
BBC-S-East ADC Sum

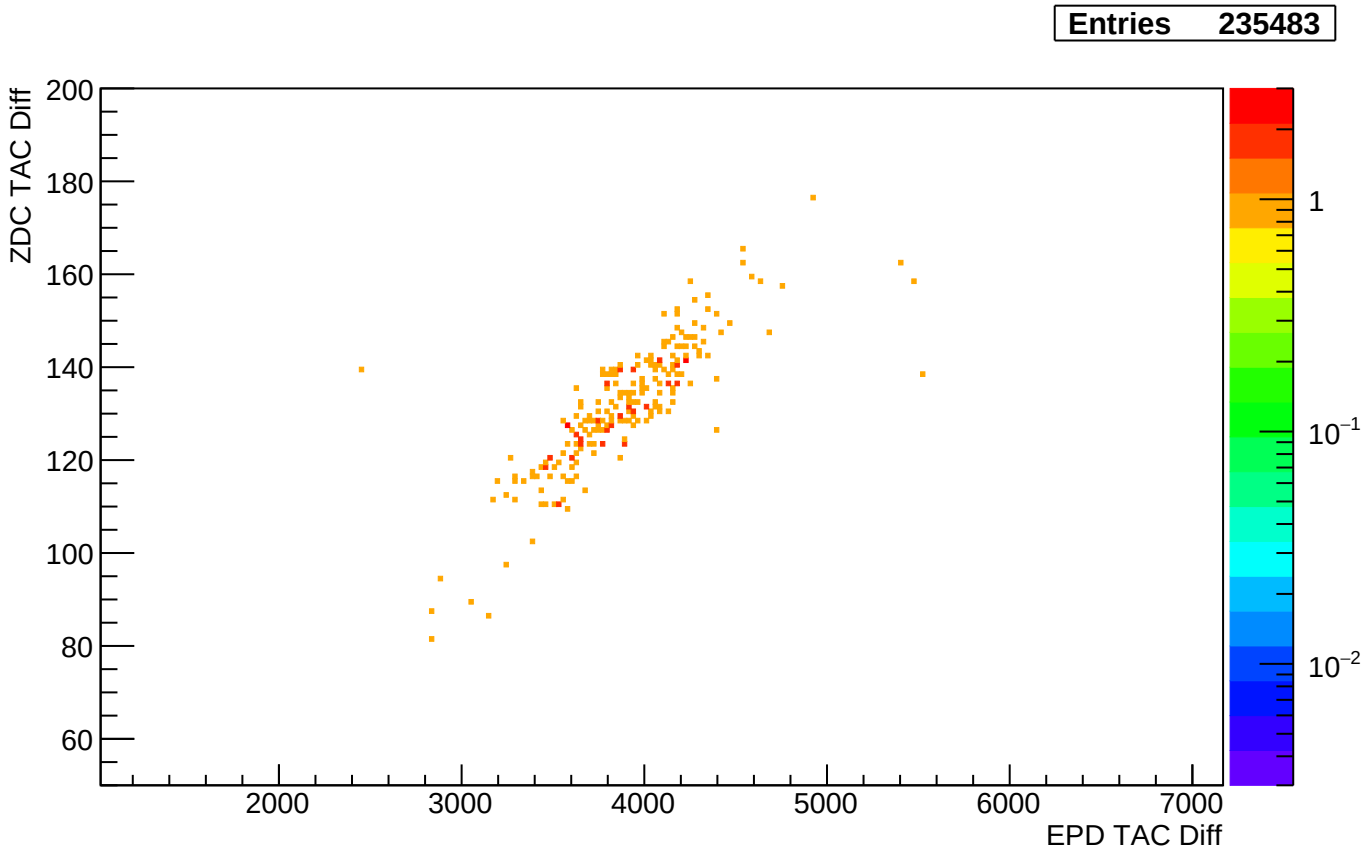

Entries 235483
TOF-Mult
BBC-S-West ADC Sum

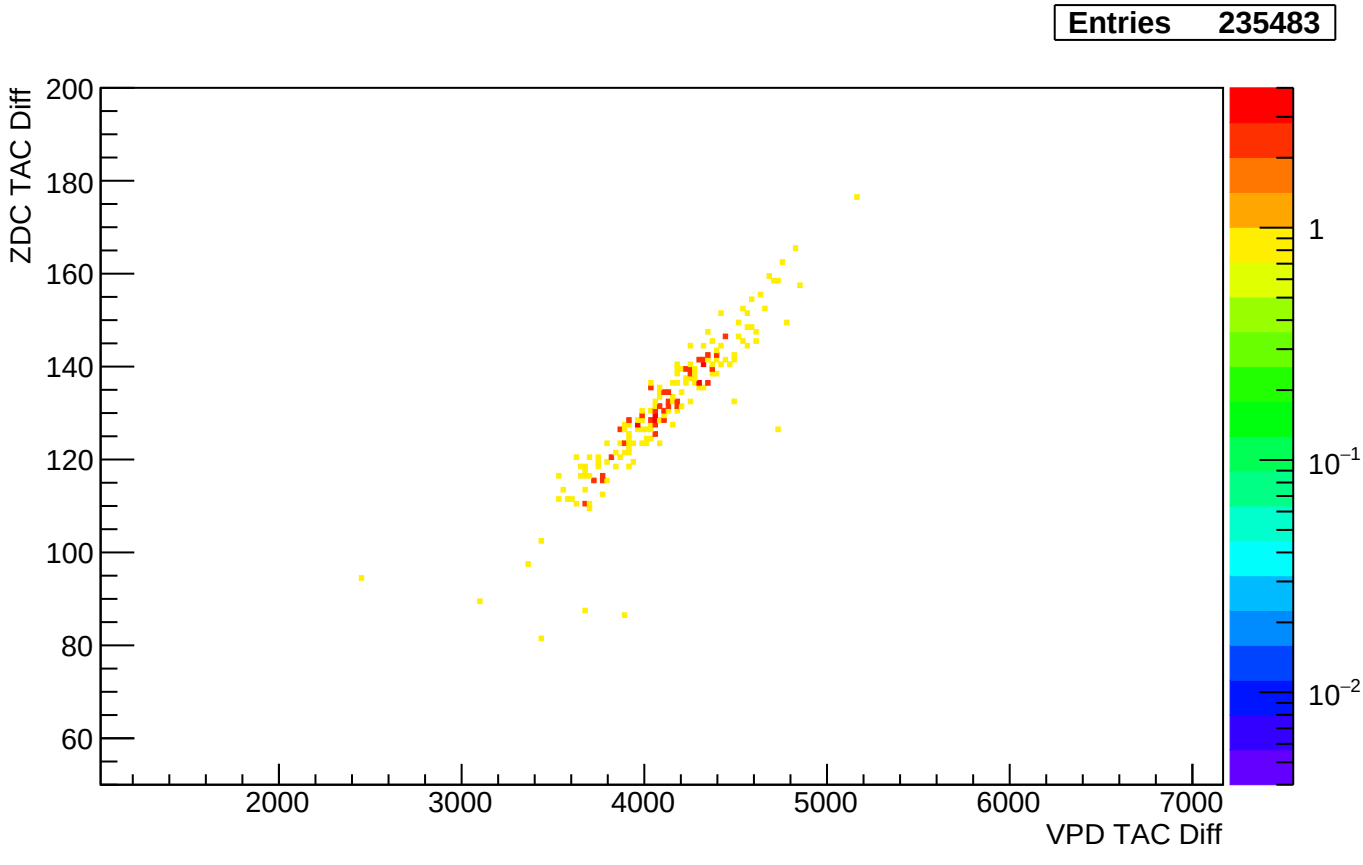

Entries 235483
TOF-Mult
EPD-East Hit Cnt

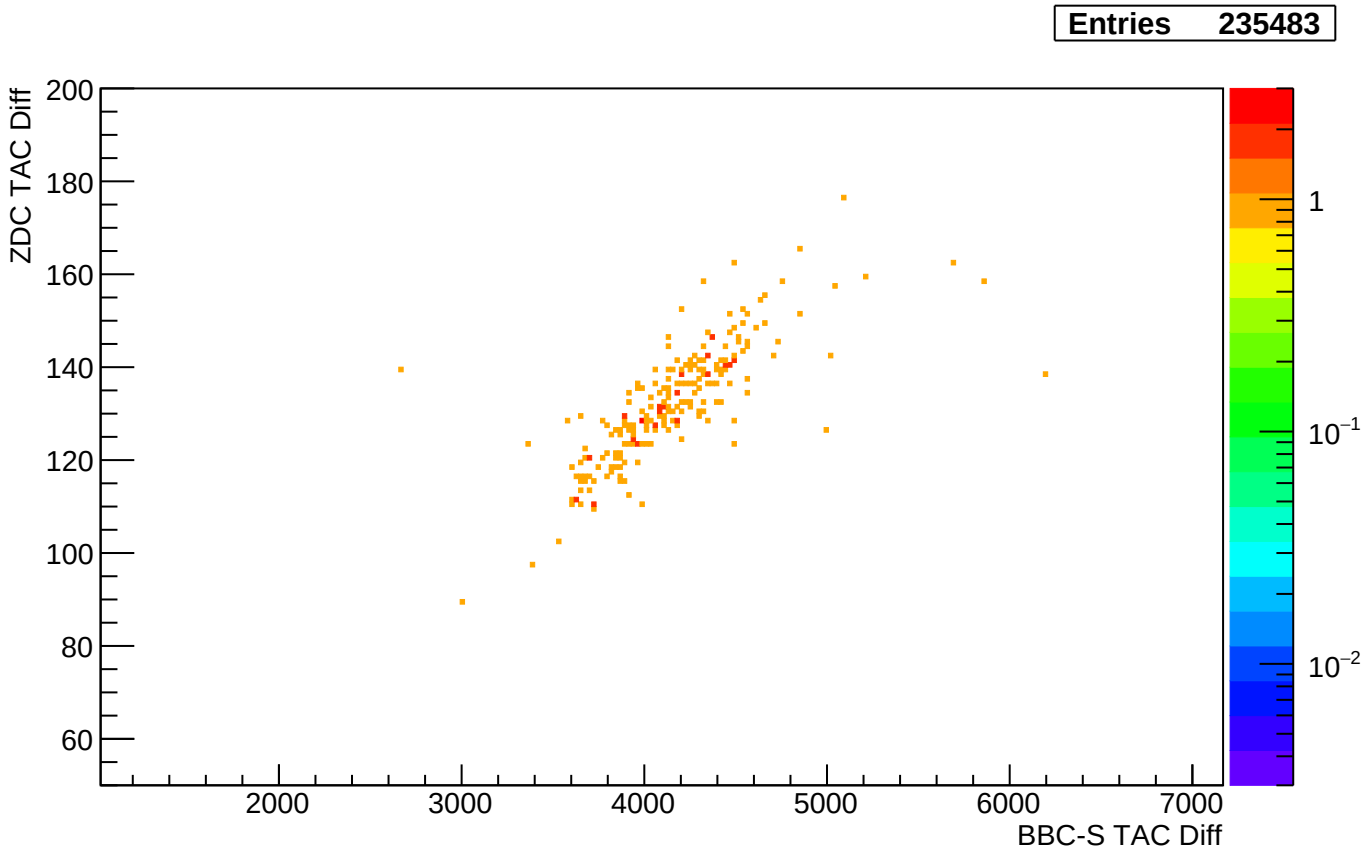

Entries 235483
TOF-Mult
EPD-West Hit Cnt

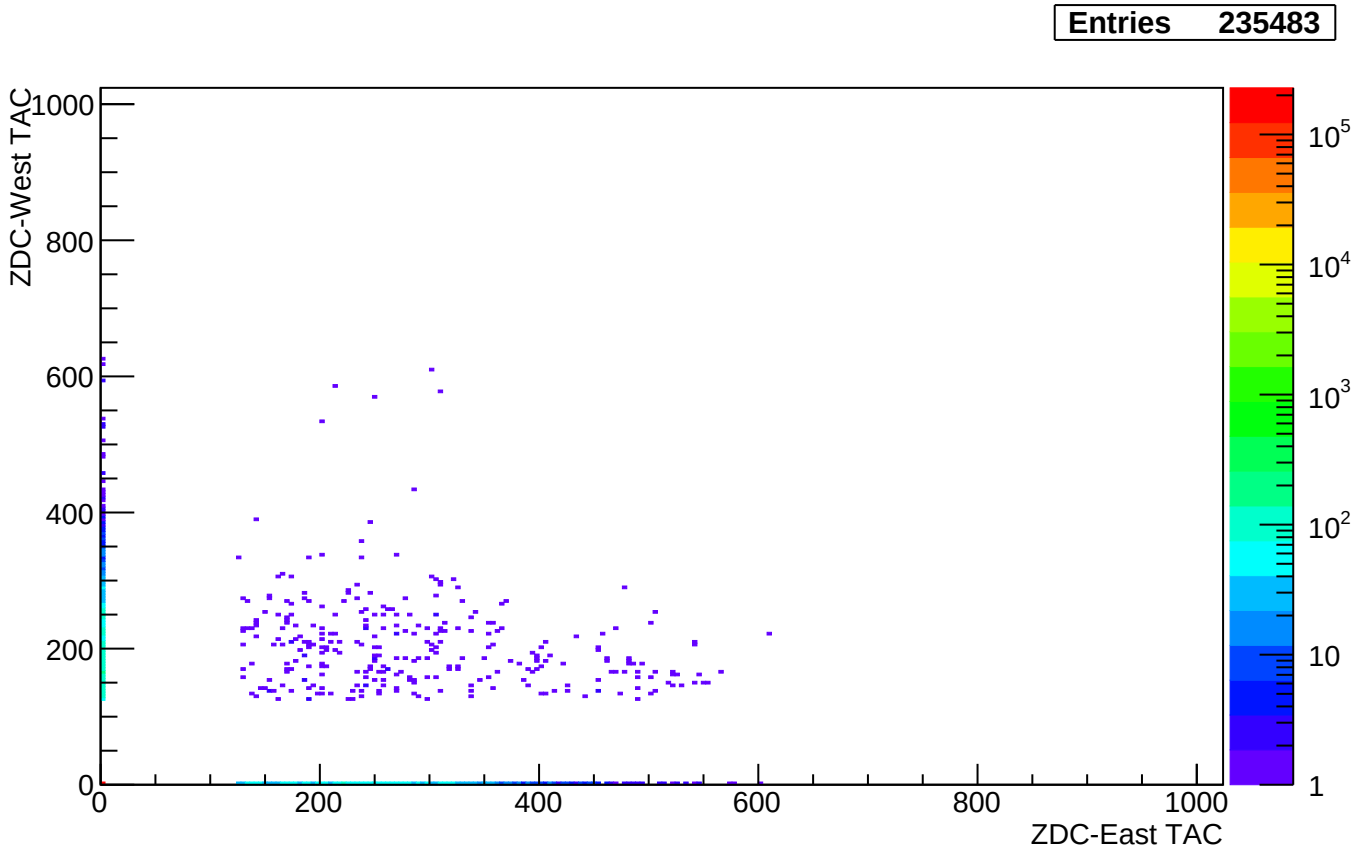

Entries 235483
TOF-Mult
VPD-East ADC Sum

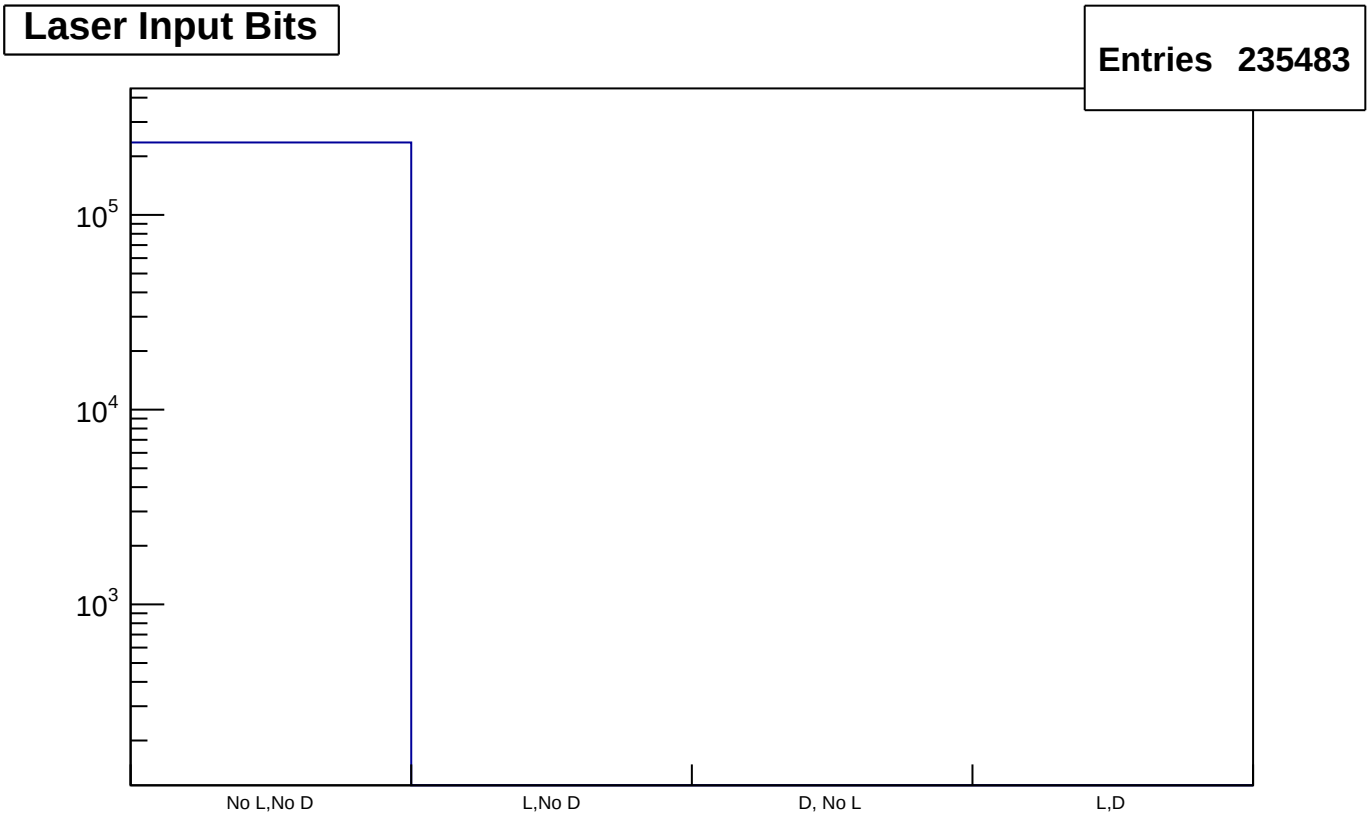

Entries 235483
TOF-Mult
VPD-West ADC Sum

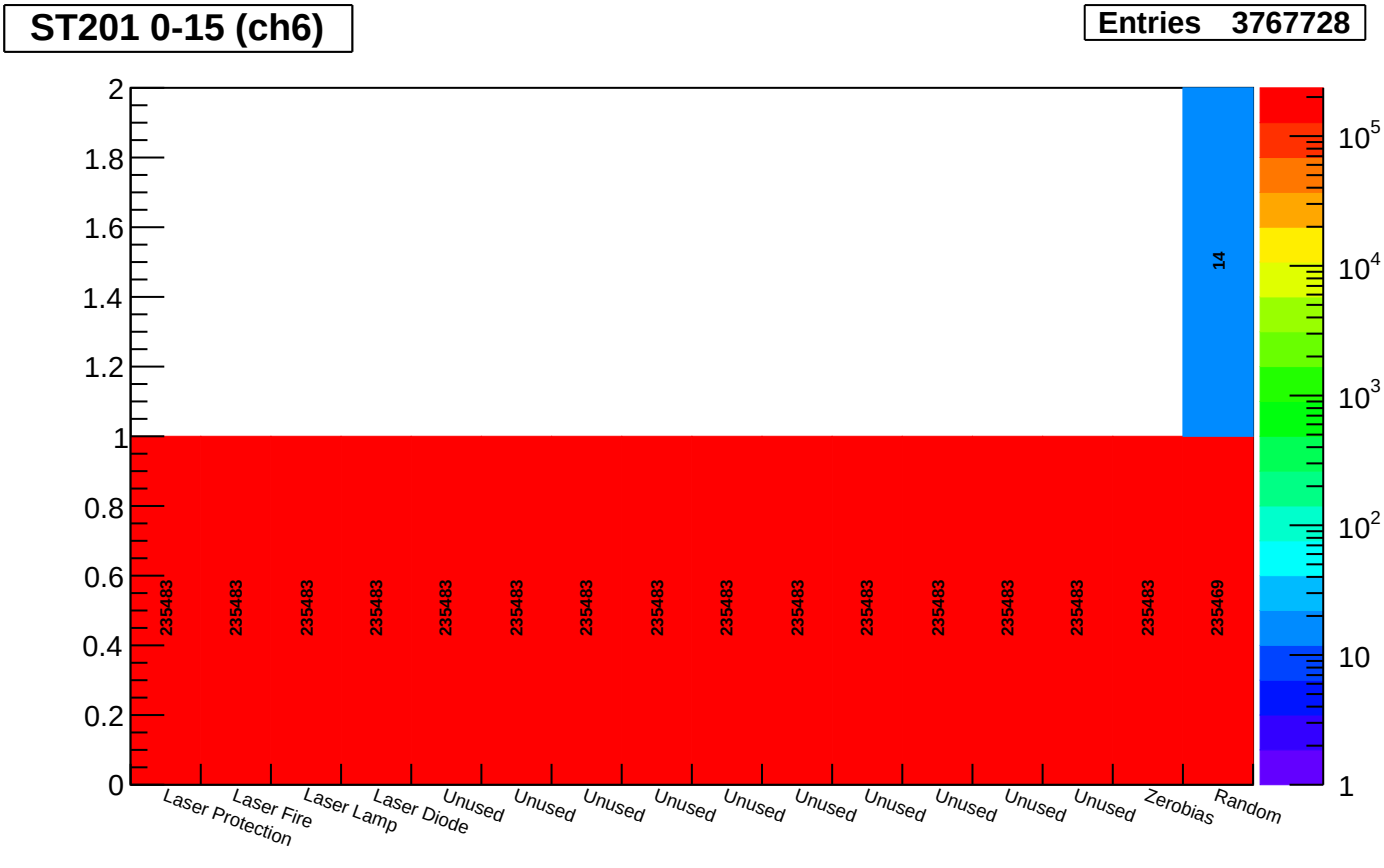

Entries 235483
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

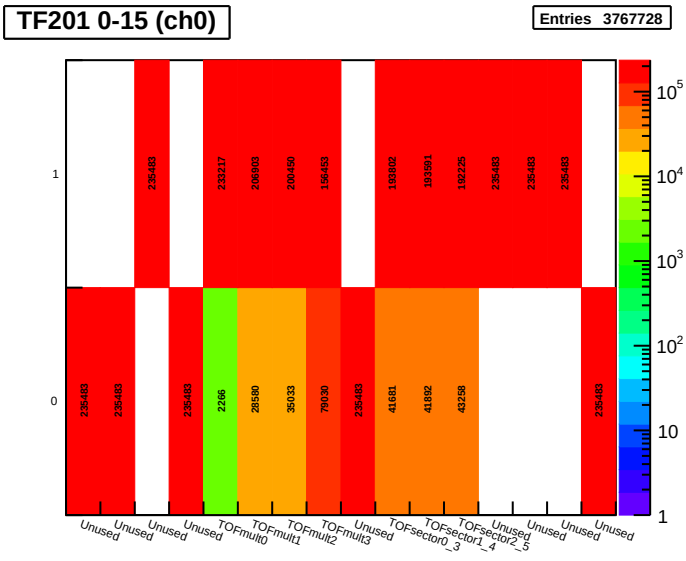

Entries 235483
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

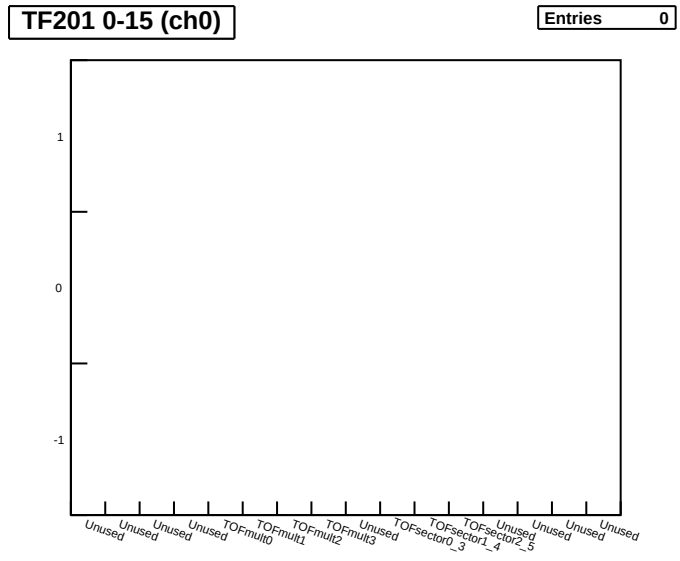

Entries 235483
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

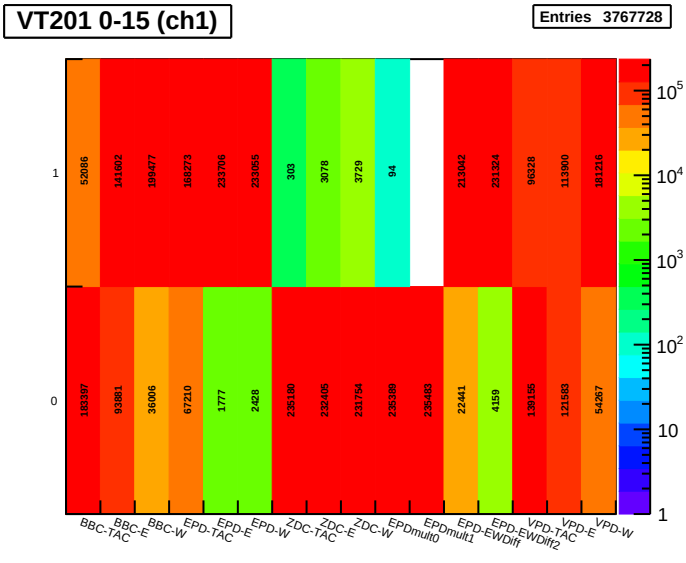

Entries 235483
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

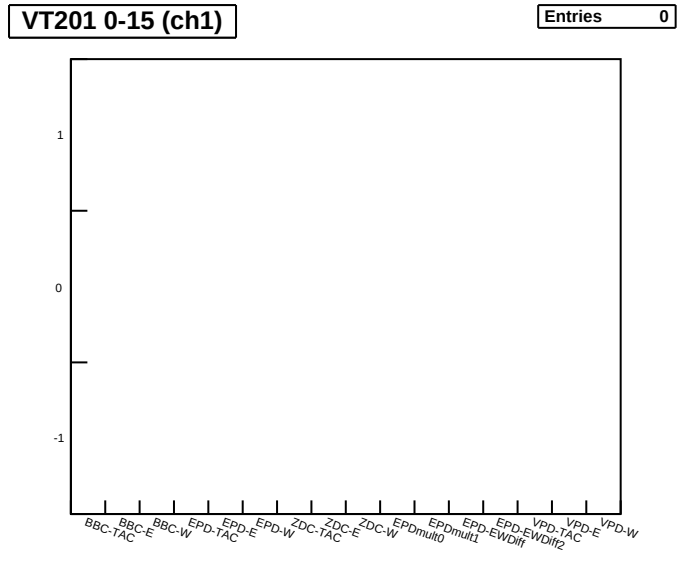

Laser Input Bits
Entries 235483
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

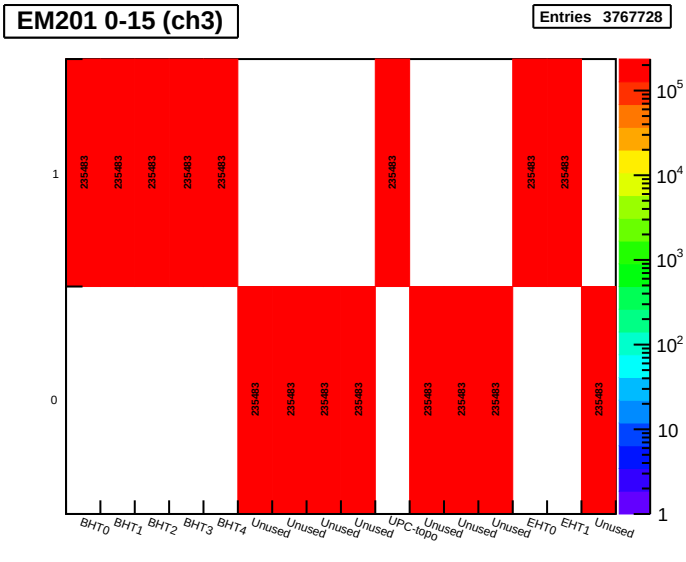

ST201 0-15 (ch6)
Entries 3767728
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
14
235483
235469
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

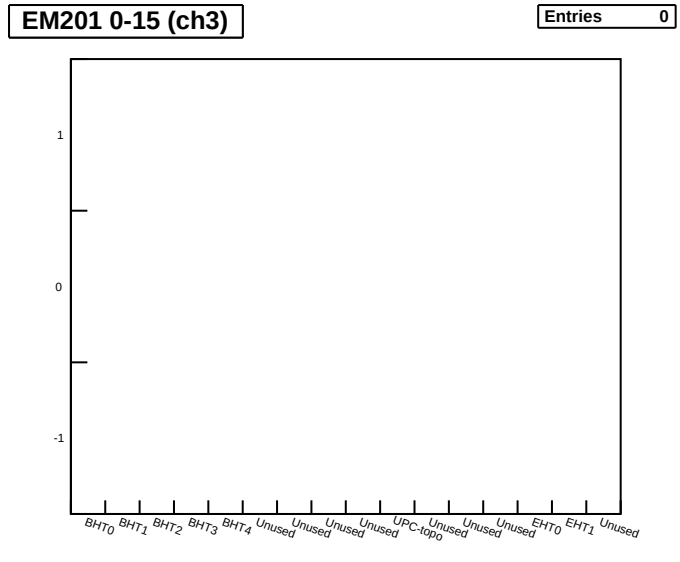

TF201 0-15 (ch0)
Entries 3767728
1
0
235483 235483 235483 235483 233217 206903 200450 156453 193802 193591 192225 235483 235483 235483
235483 235483 235483 2266 28580 35033 79030 235483 41681 41892 43298 235483
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused


VT201 0-15 (ch1)
Entries 3767728
1
0
52086 141602 199477 168273 233706 233055 303 3078 3729 94 213042 231324 96328 113900 181216
118397 93881 36006 67210 1777 2428 235180 232405 231754 235389 235483 22441 4159 139155 121583 54267
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 3767728
1
0
235483 235483 235483 235483 235483 235483 235483 235483 235483
235483 235483 235483 235483 235483 235483 235483 235483
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