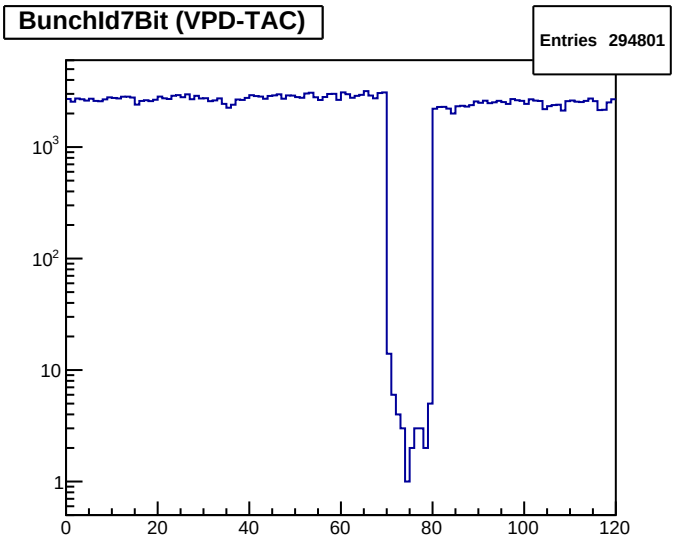
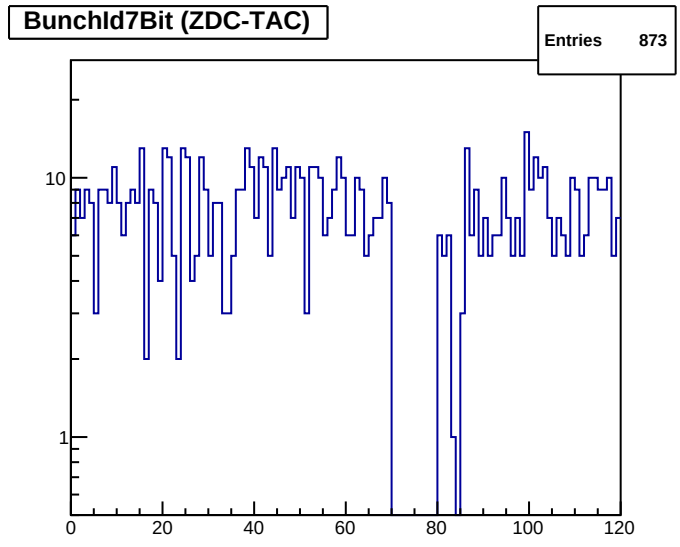
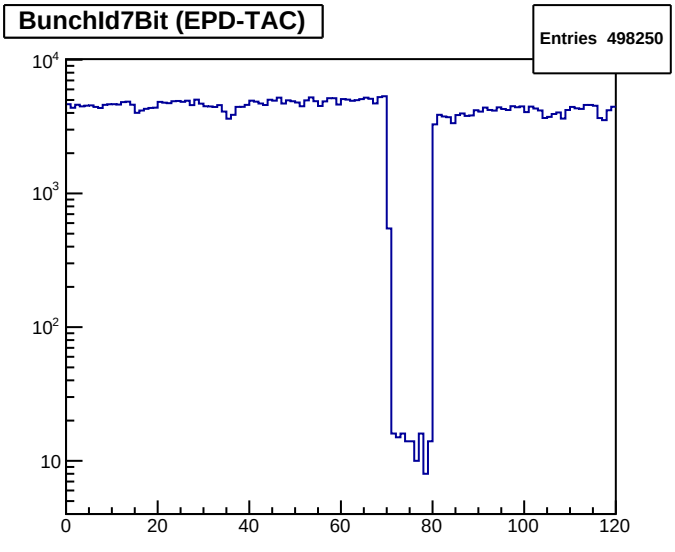
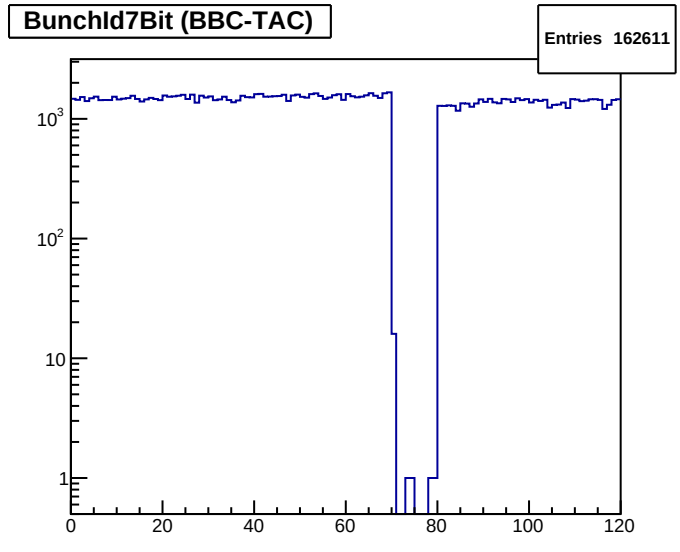
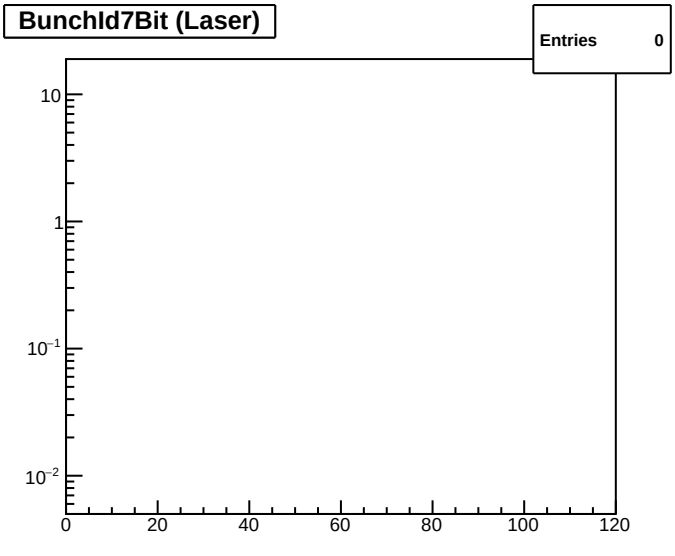
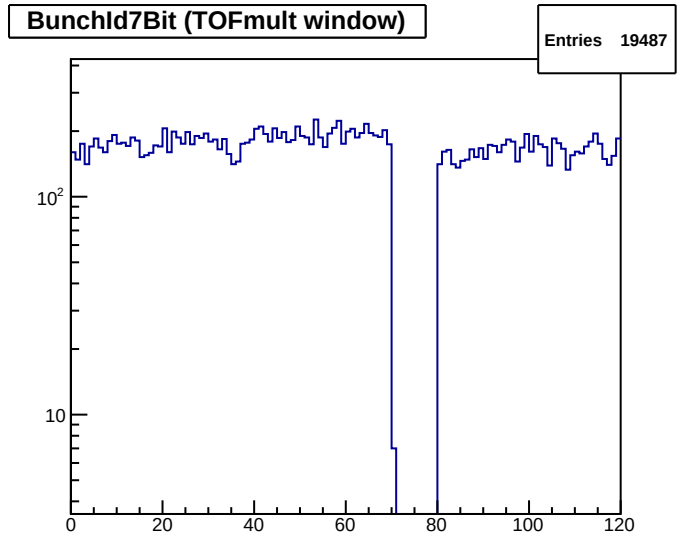

BunchId7Bit (VPD-TAC)
Entries 294801

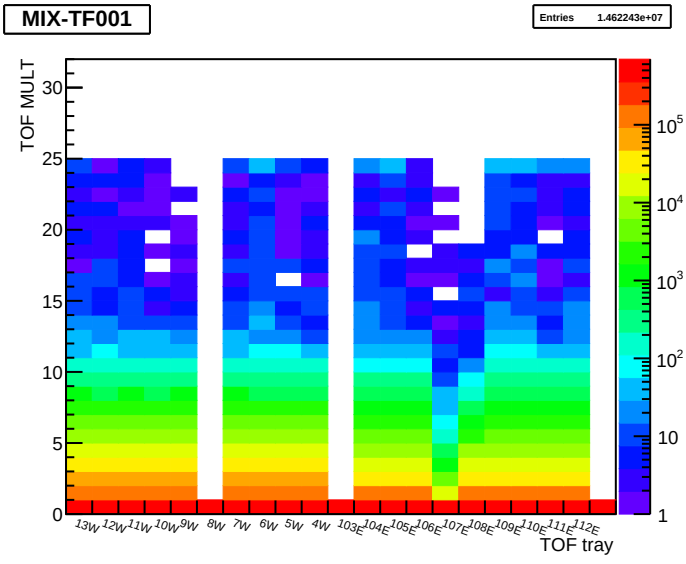

BunchId7Bit (ZDC-TAC)
Entries 873

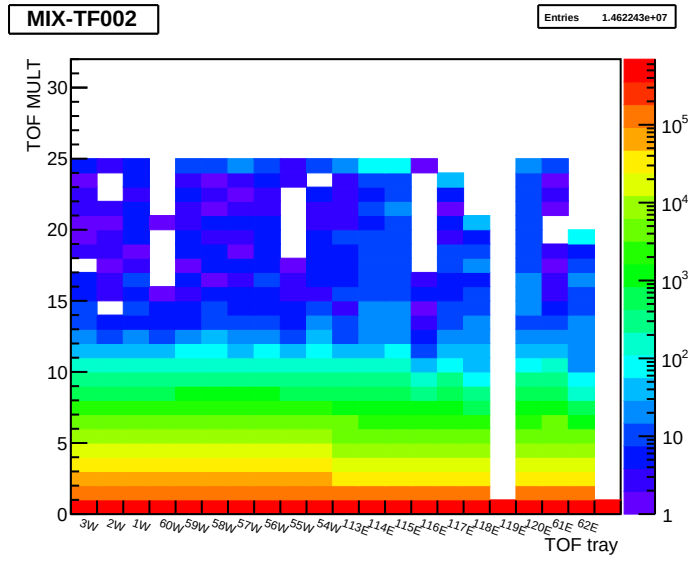

BunchId7Bit (EPD-TAC)
Entries 498250

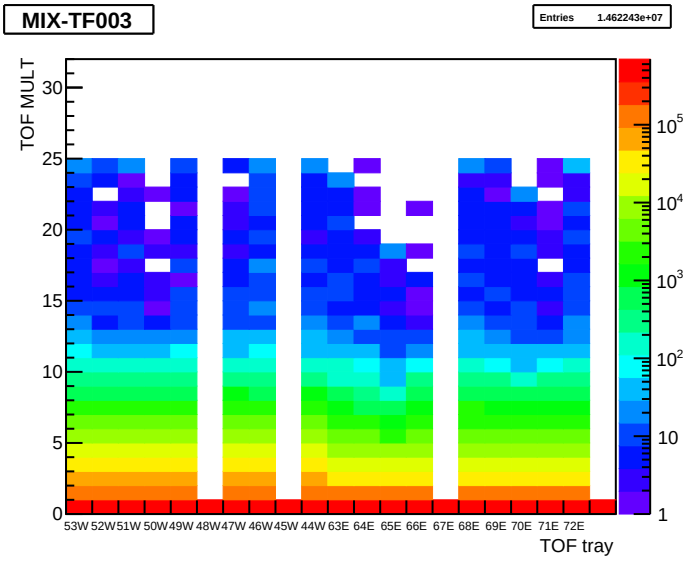

BunchId7Bit (BBC-TAC)
Entries 162611

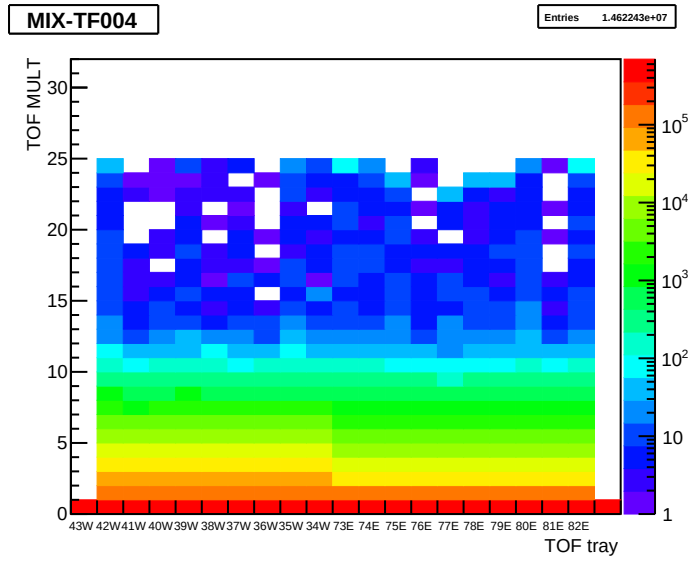

BunchId7Bit (Laser)
Entries 0

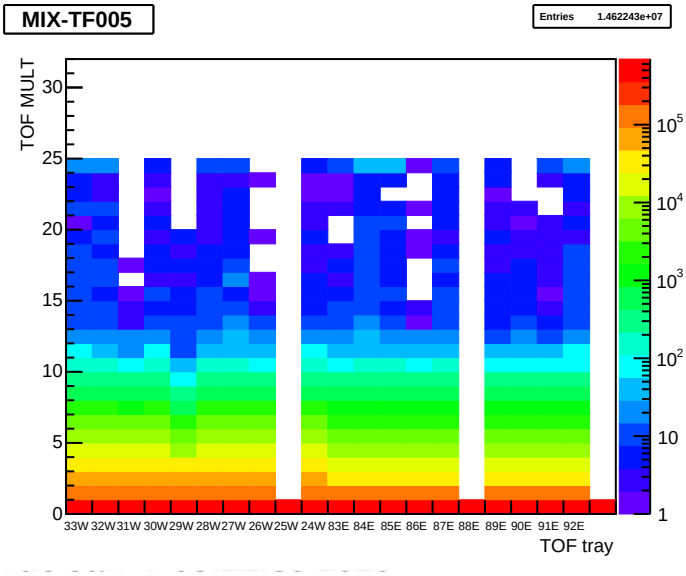

BunchId7Bit (TOFmult window)
Entries 19487

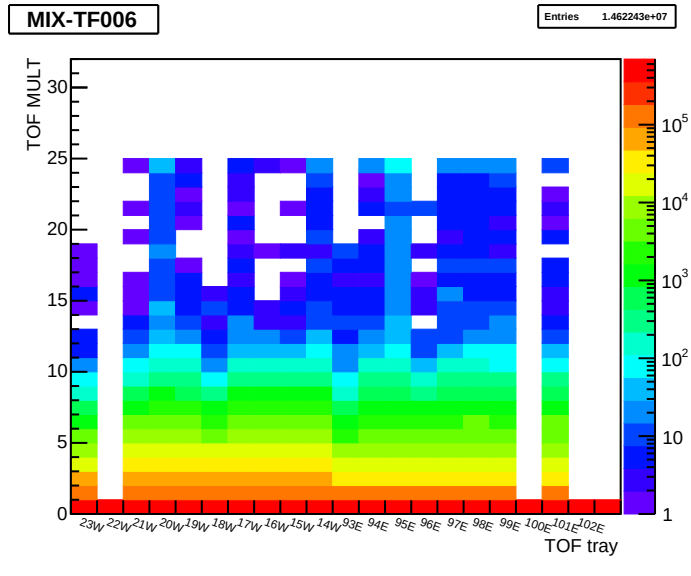

MIX-TF001
Entries 1.462243e+07
TOF MULT
TOF tray

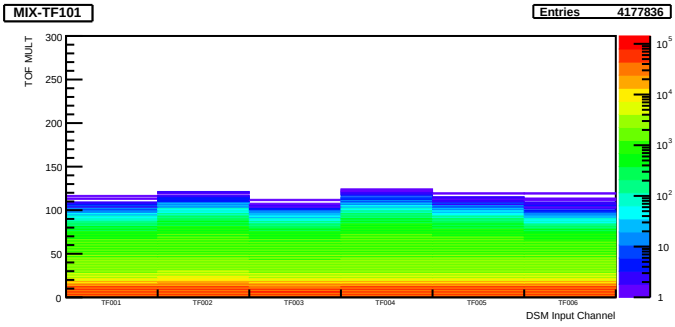

MIX-TF002
Entries 1.462243e+07
TOF MULT
TOF tray

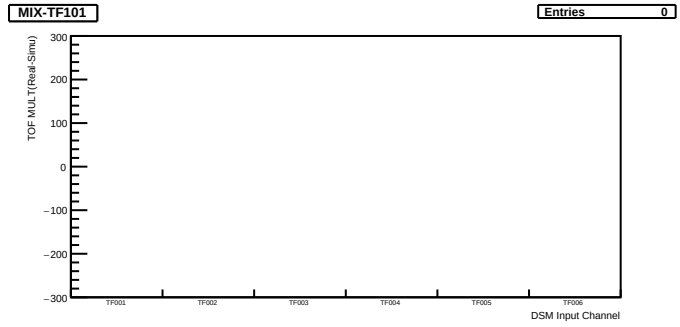

MIX-TF003
Entries 1.462243e+07
TOF MULT
TOF tray

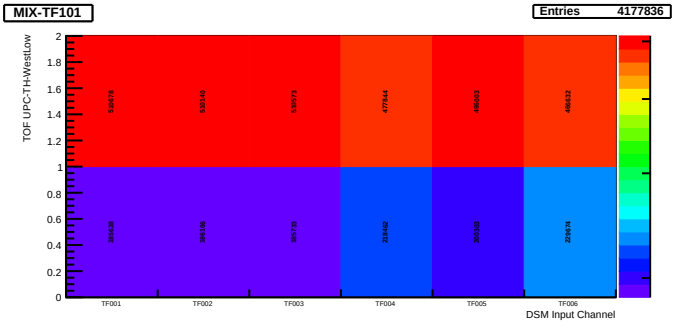

MIX-TF004
Entries 1.462243e+07
TOF MULT
TOF tray

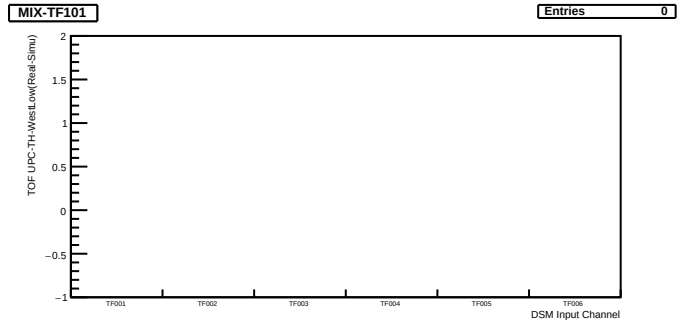

MIX-TF005
Entries 1.462243e+07
TOF MULT
TOF tray

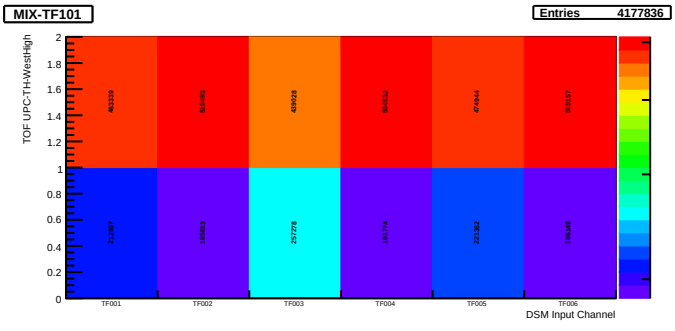

MIX-TF006
Entries 1.462243e+07
TOF MULT
TOF tray

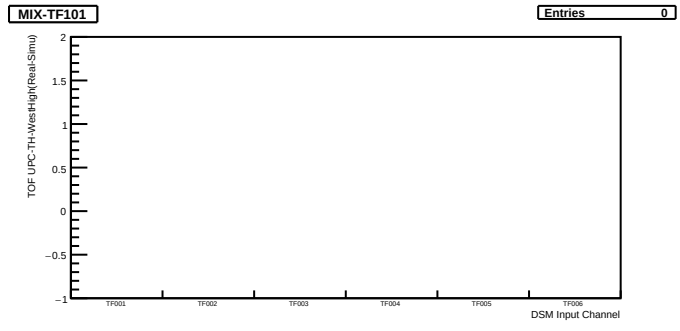

MIX-TF101
Entries 4177836
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

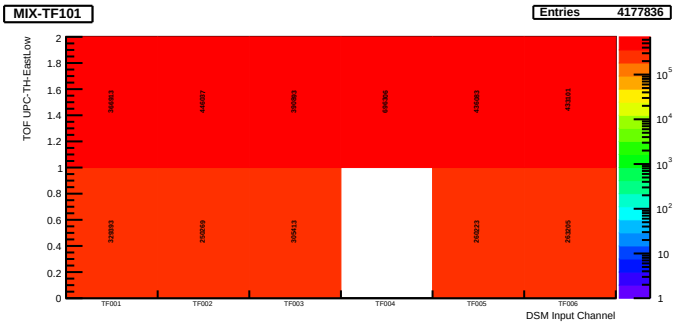

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

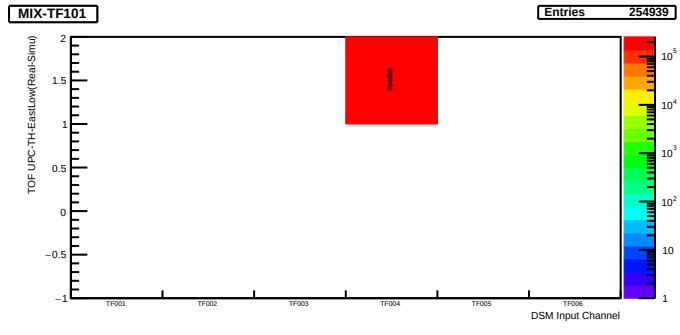

MIX-TF101
Entries 4177836
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

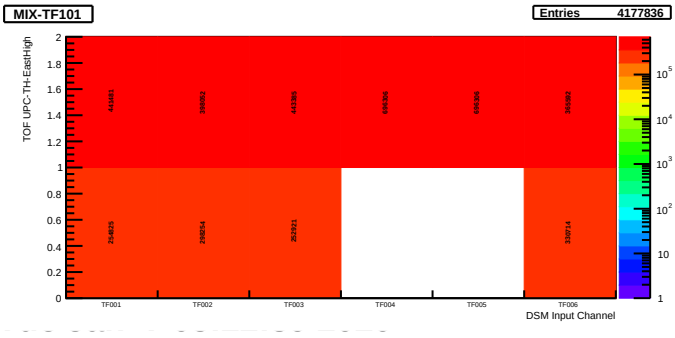

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

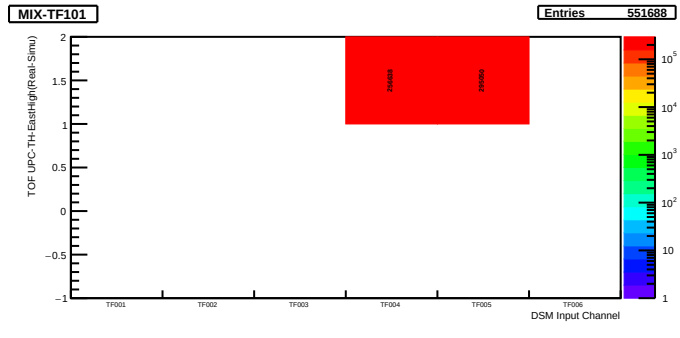

MIX-TF101
Entries 4177836
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

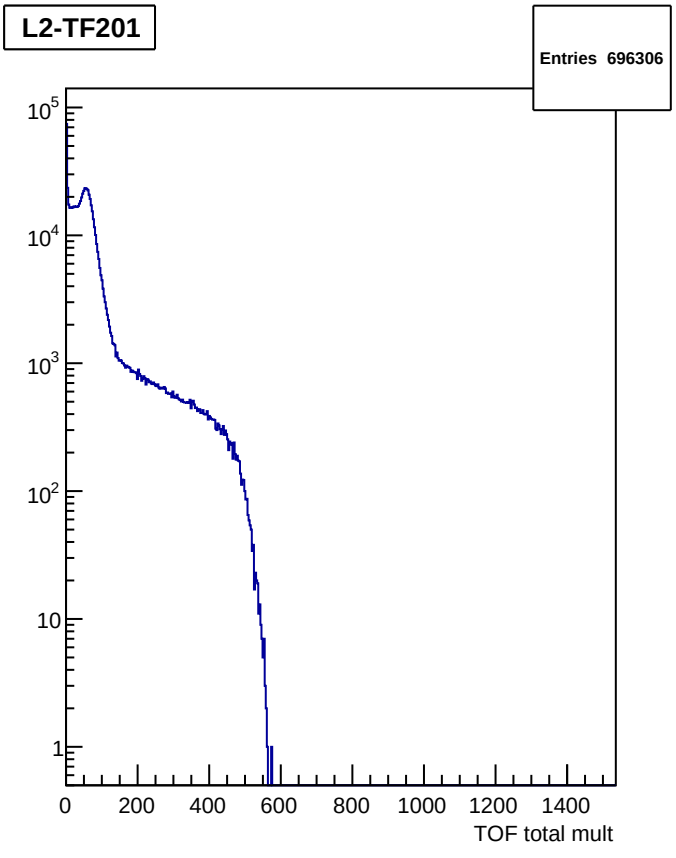

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

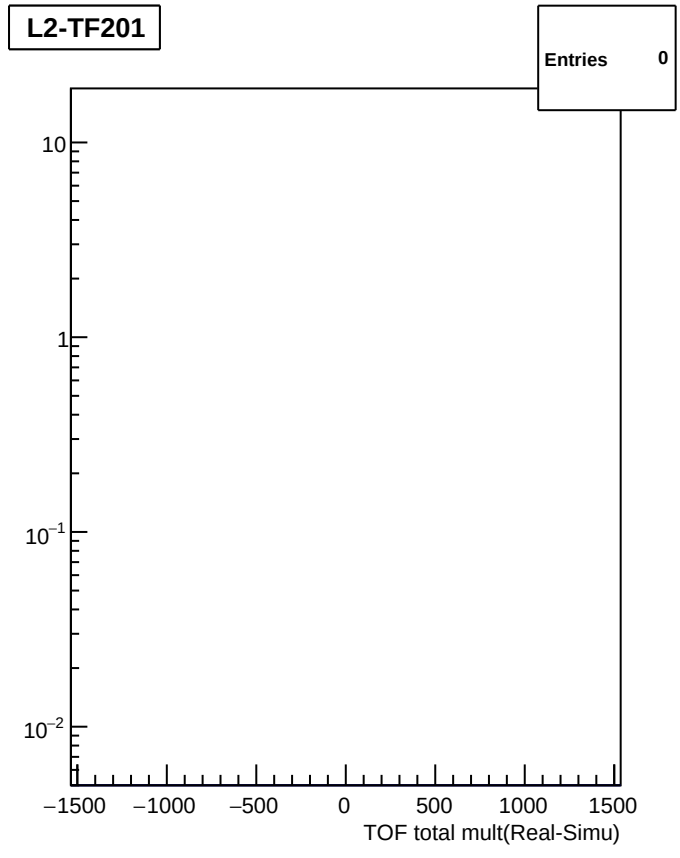

MIX-TF101
Entries 4177836
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

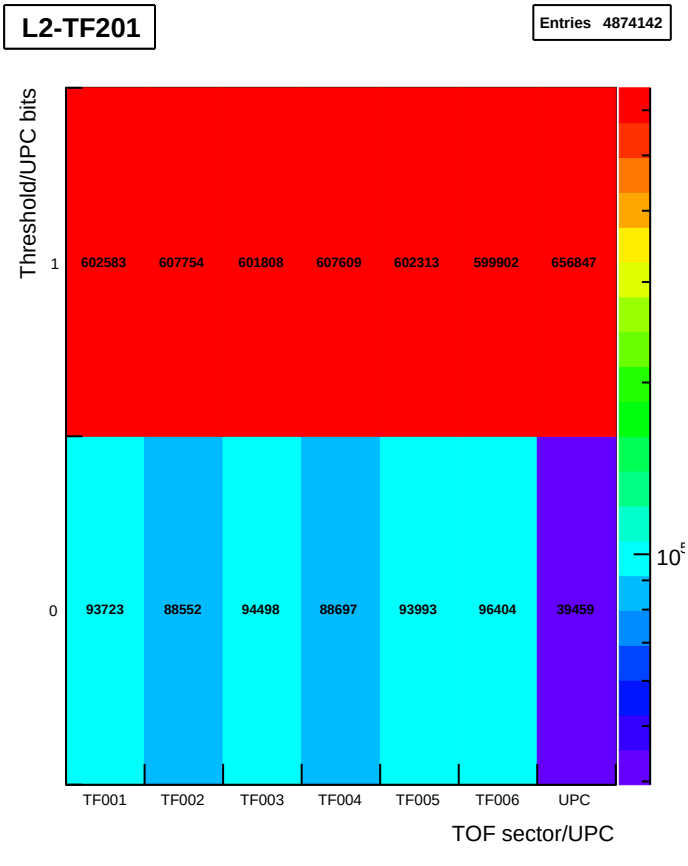

MIX-TF101
Entries 254939
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

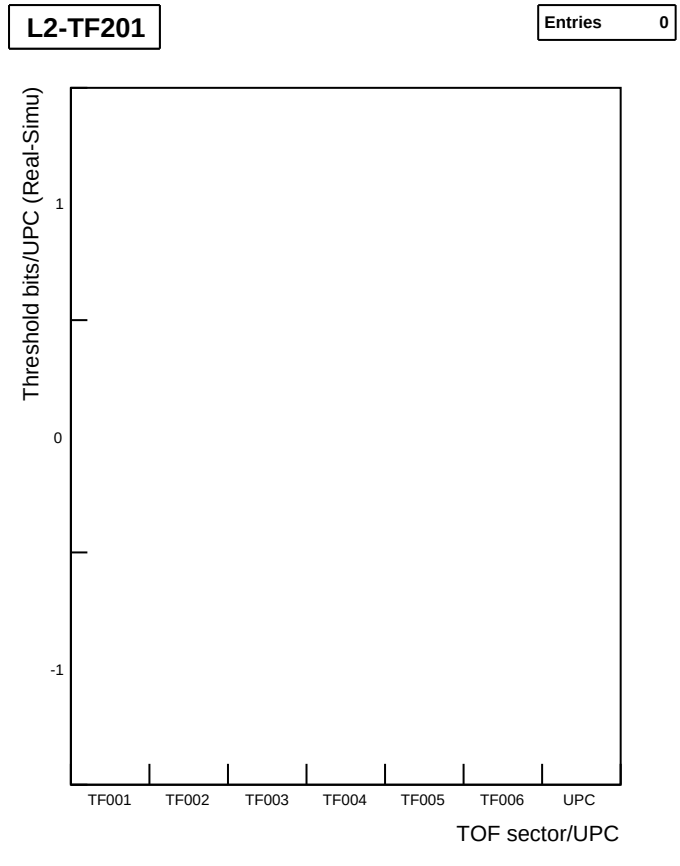

MIX-TF101
Entries 4177836
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

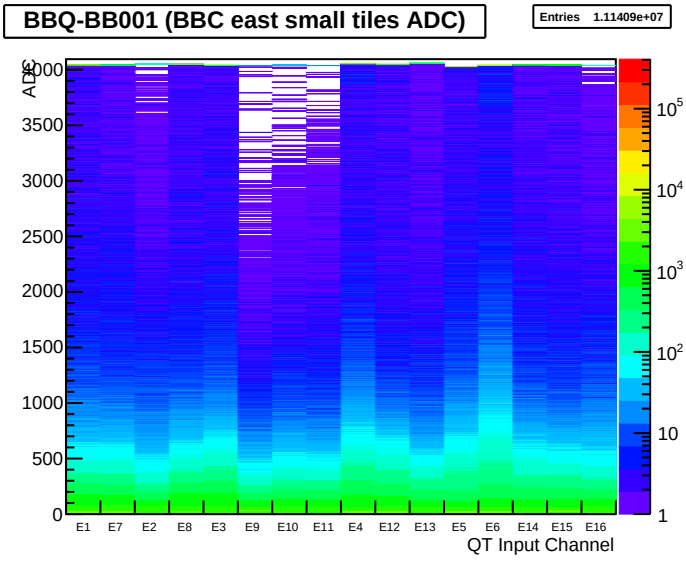

MIX-TF101
Entries 551688
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

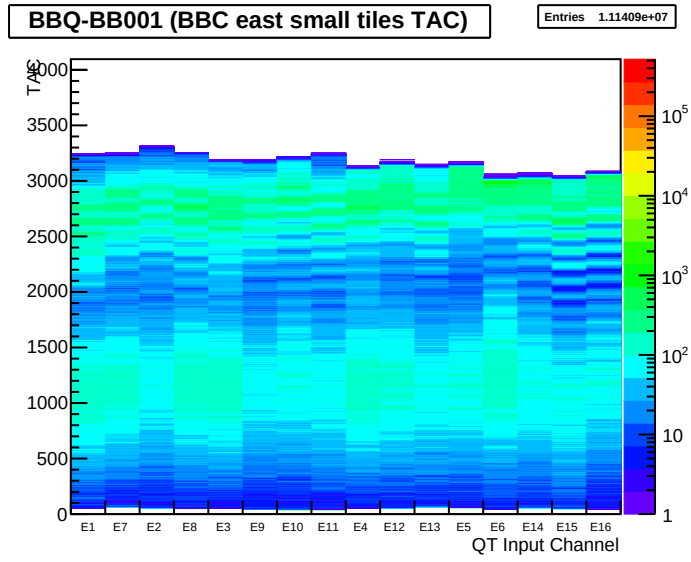

L2-TF201
Entries 696306
TOF total mult

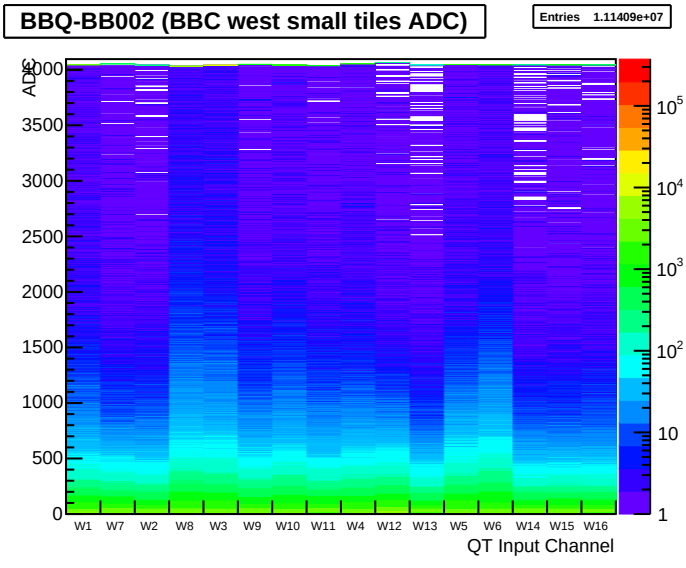

L2-TF201
Entries 0
TOF total mult(Real-Simu)

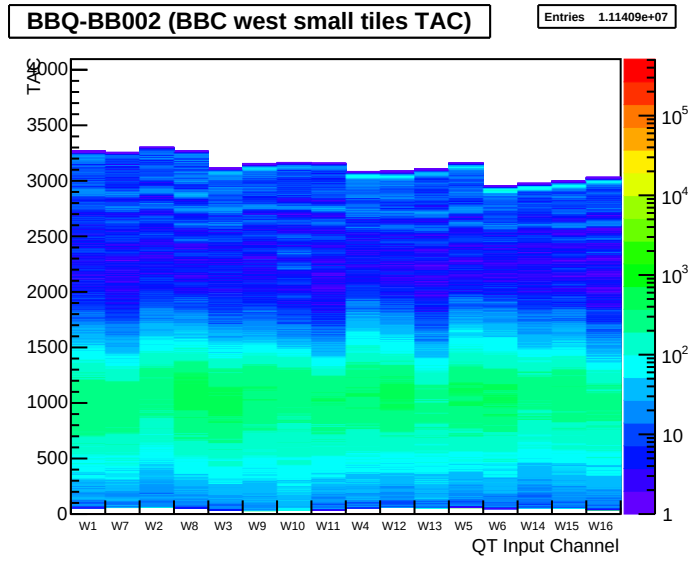

L2-TF201
Entries 4874142
Threshold/UPC bits
602583
607754
601808
607609
602313
599902
656847
93723
88552
94498
88697
93993
96404
39459
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

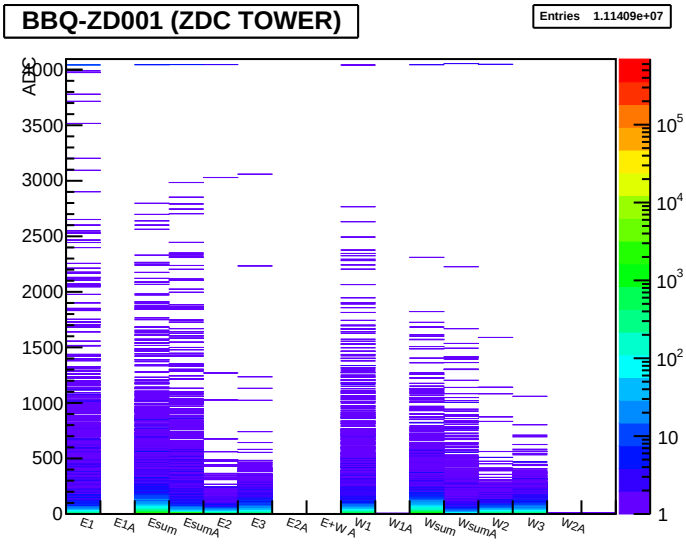

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

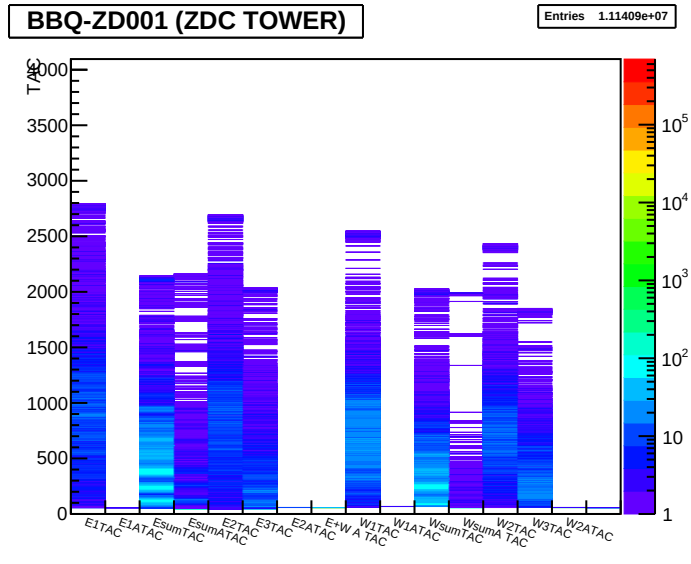

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.11409e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

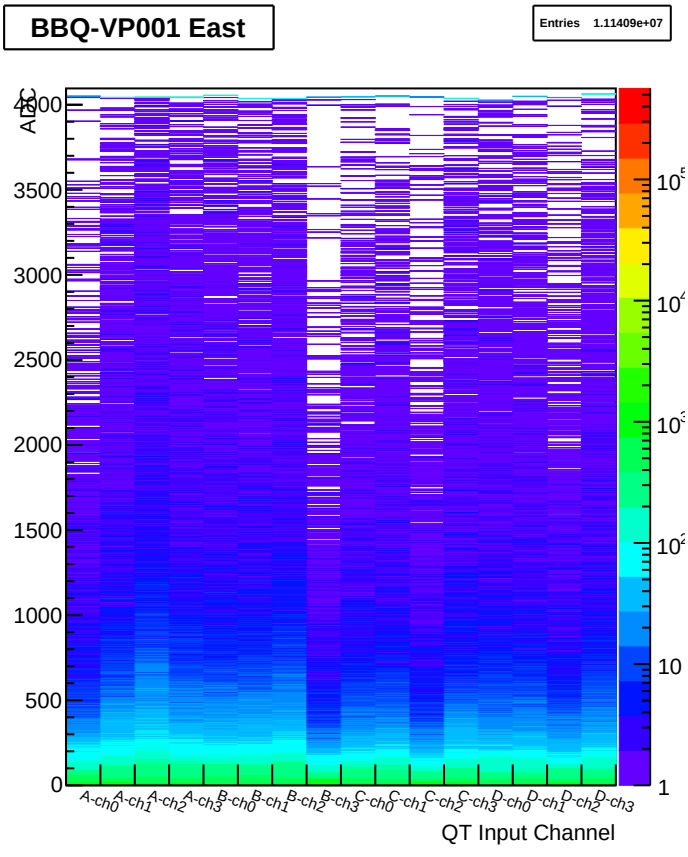

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.11409e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

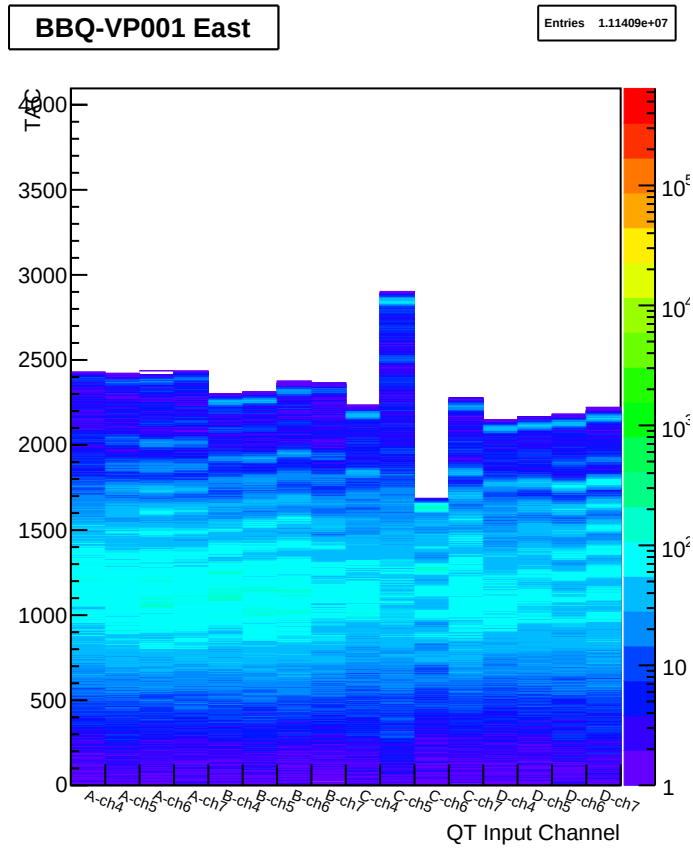

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.11409e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

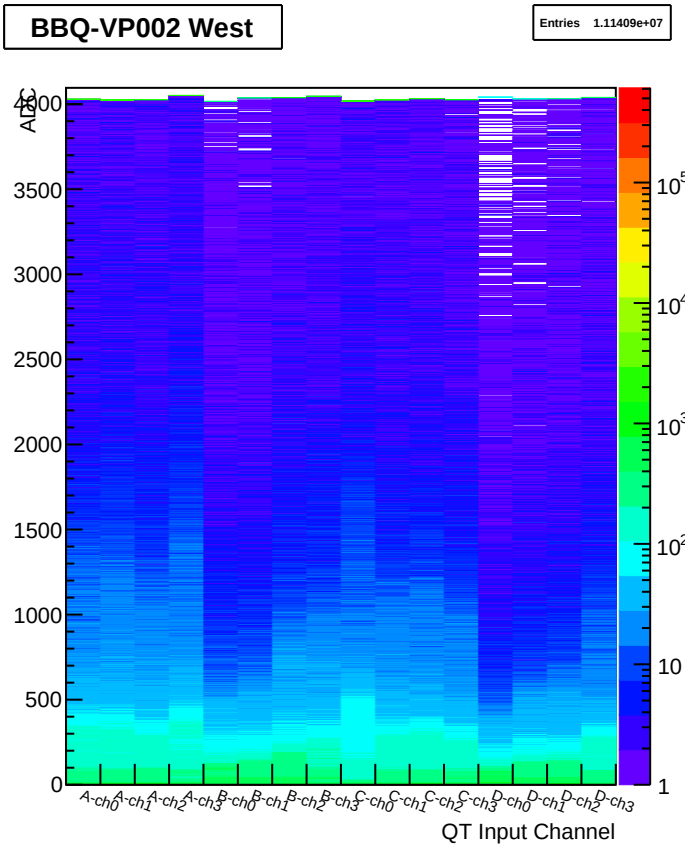

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.11409e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

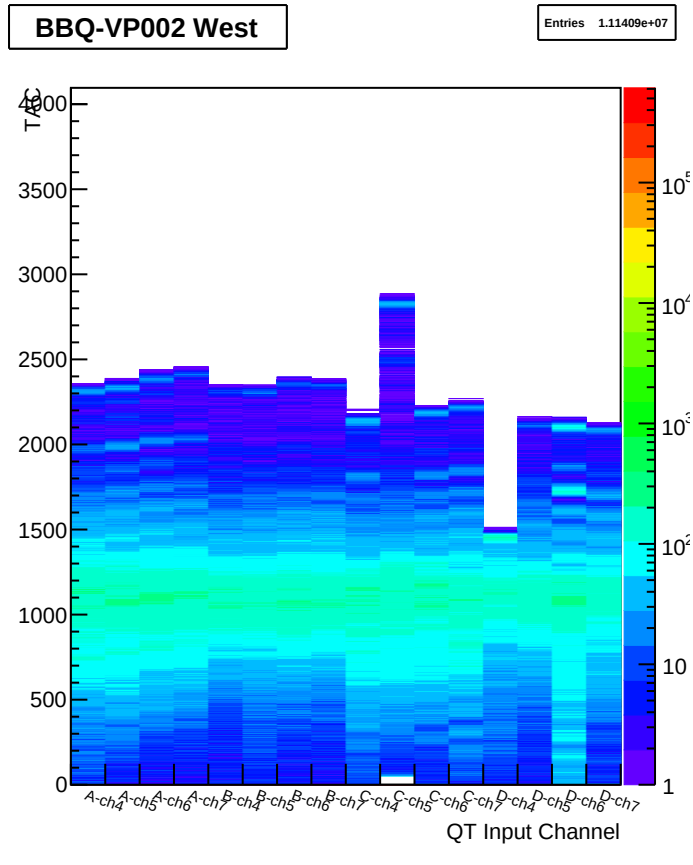

BBQ-ZD001 (ZDC TOWER)
Entries 1.11409e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

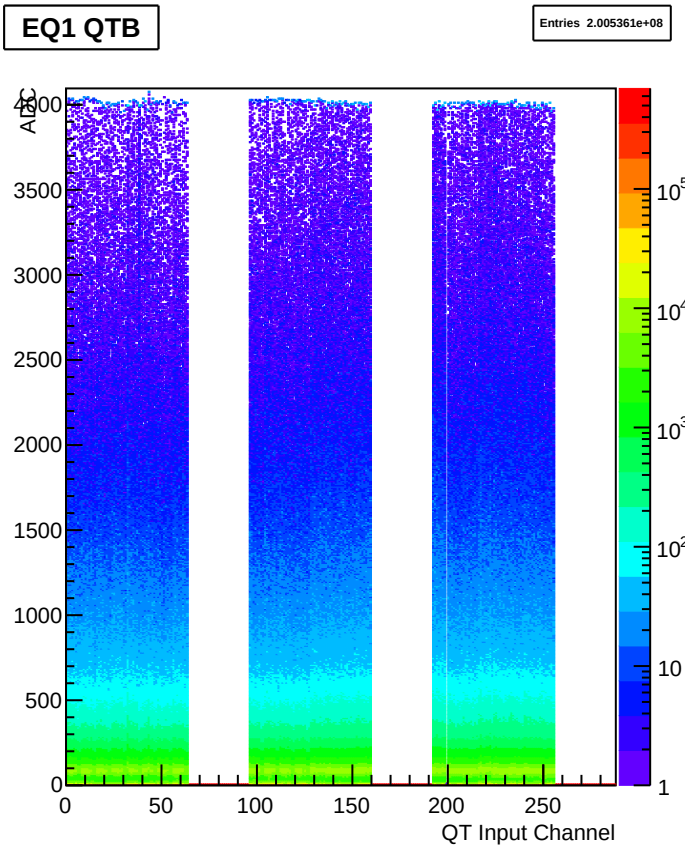

BBQ-ZD001 (ZDC TOWER)
Entries 1.11409e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

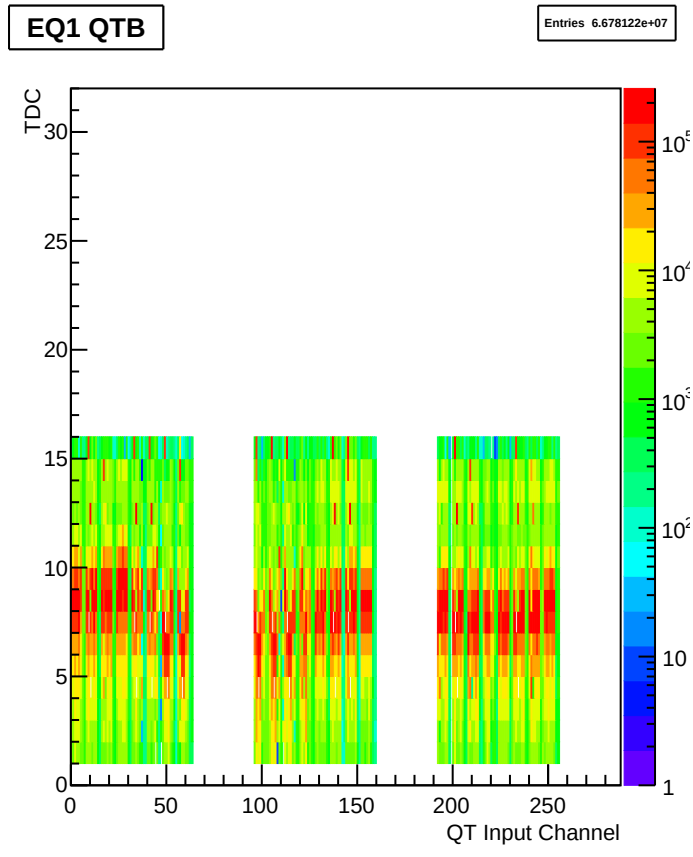

BBQ-VP001 East
Entries 1.11409e+07
ADC
QT Input Channel

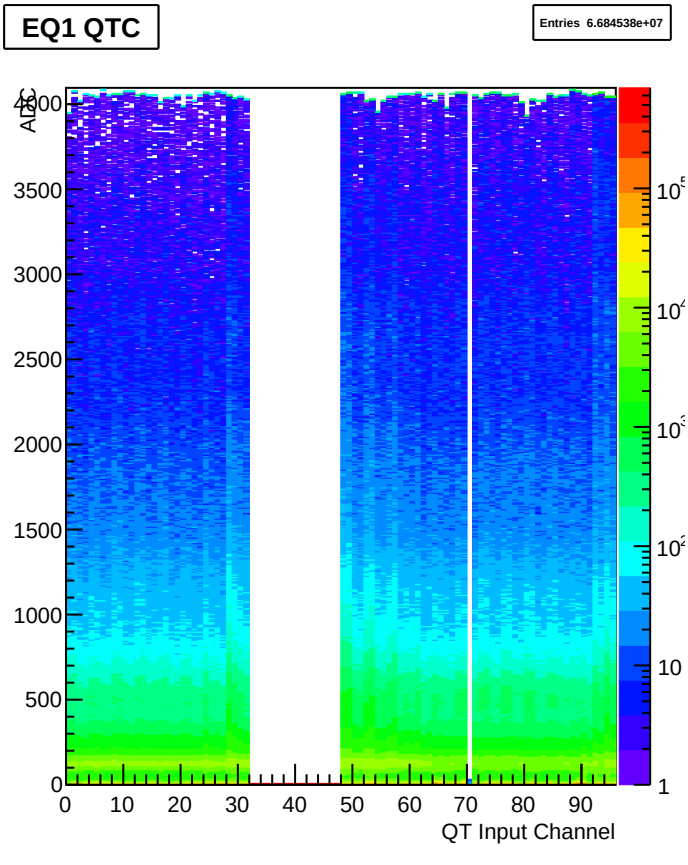

BBQ-VP001 East
Entries 1.11409e+07
TADC
QT Input Channel

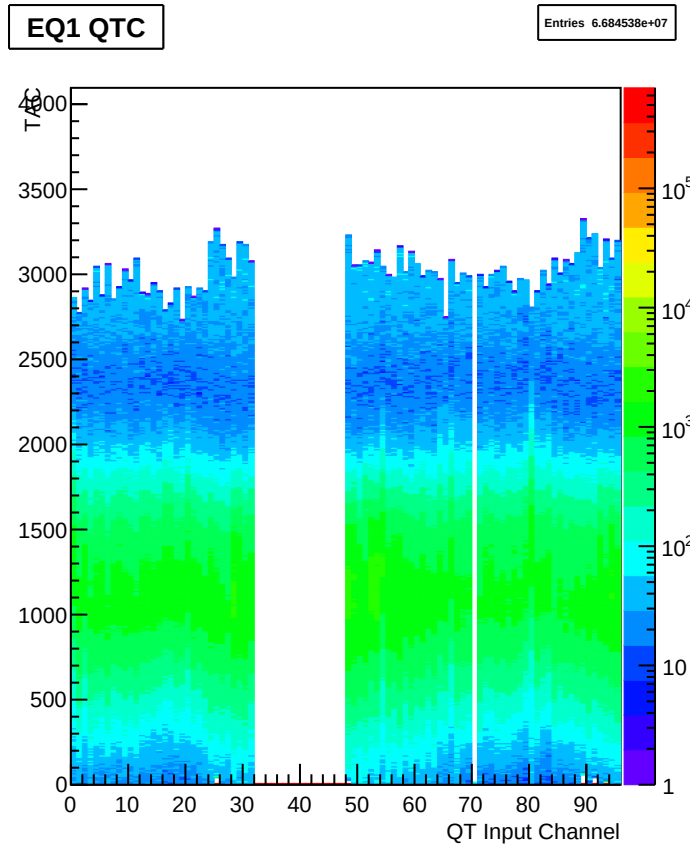

BBQ-VP002 West
Entries 1.11409e+07
ADC
QT Input Channel

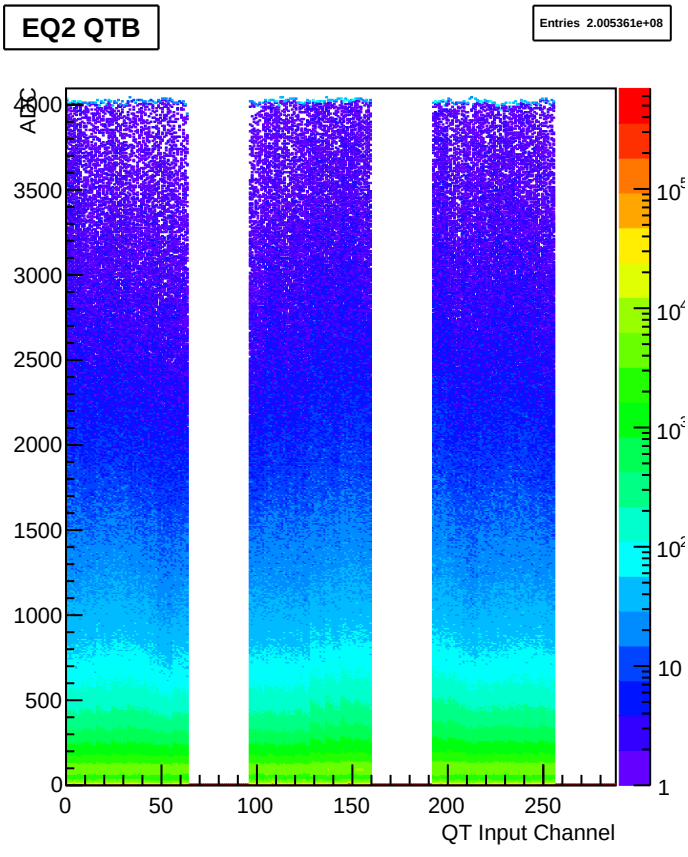

BBQ-VP002 West
Entries 1.11409e+07
TADC
QT Input Channel

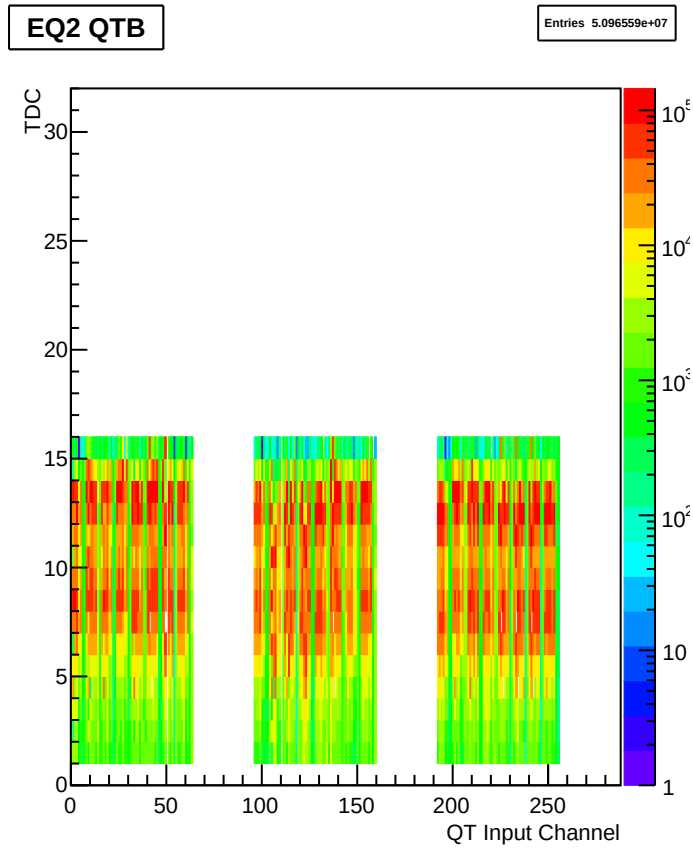

EQ1 QTB
Entries 2.005361e+08
ADC
QT Input Channel

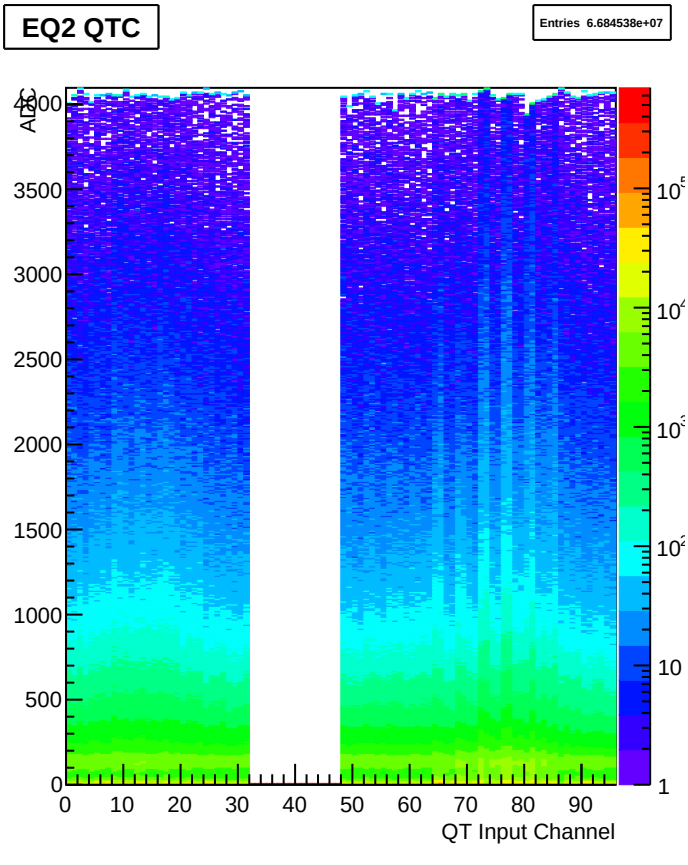

EQ1 QTB
Entries 6.678122e+07
TDC
QT Input Channel

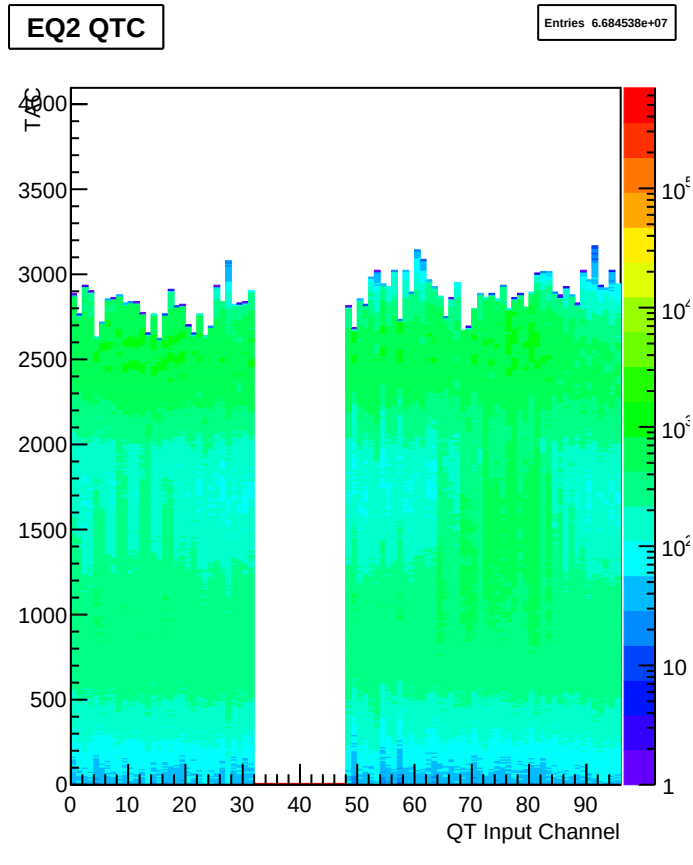

EQ1 QTC
Entries 6.684538e+07
ADC
QT Input Channel

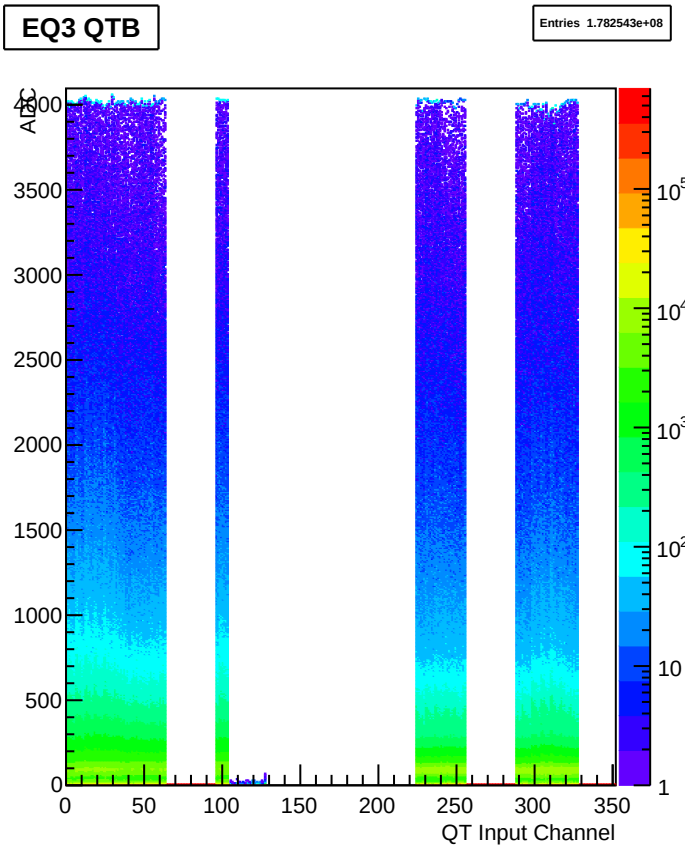

EQ1 QTC
Entries 6.684538e+07
TADC
QT Input Channel

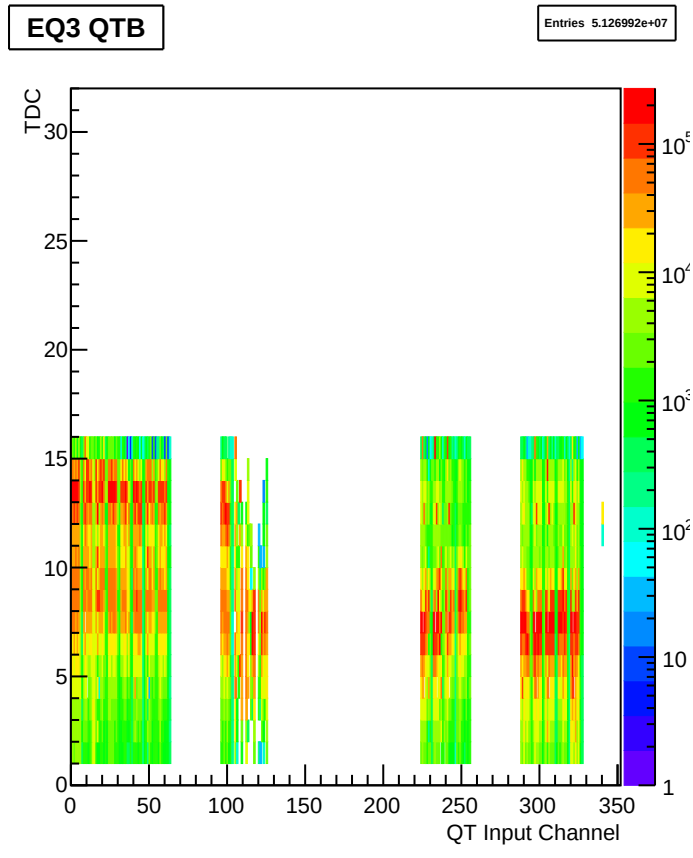

EQ2 QTB
Entries 2.005361e+08
ADC
QT Input Channel

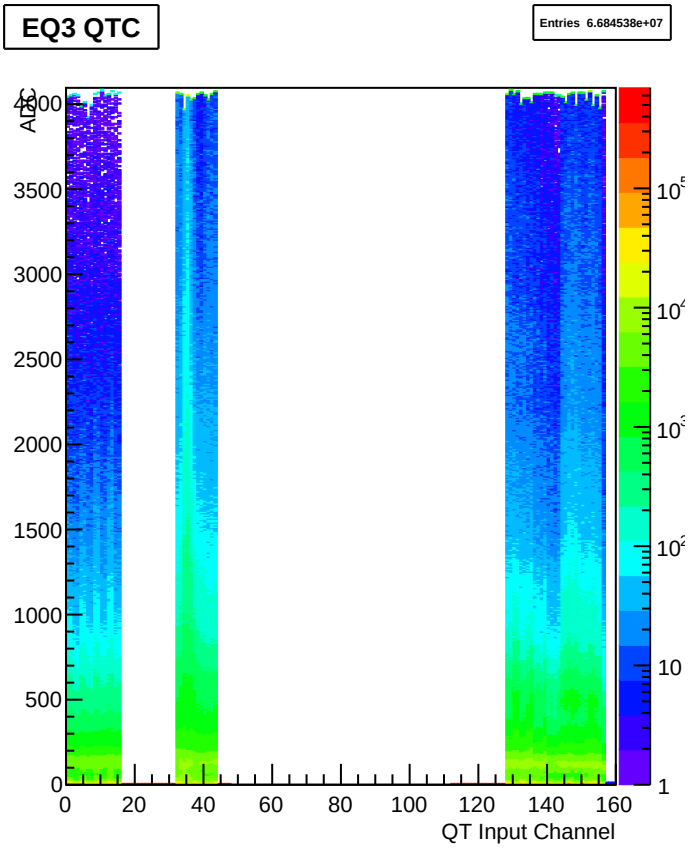

EQ2 QTB
Entries 5.096559e+07
TDC
QT Input Channel

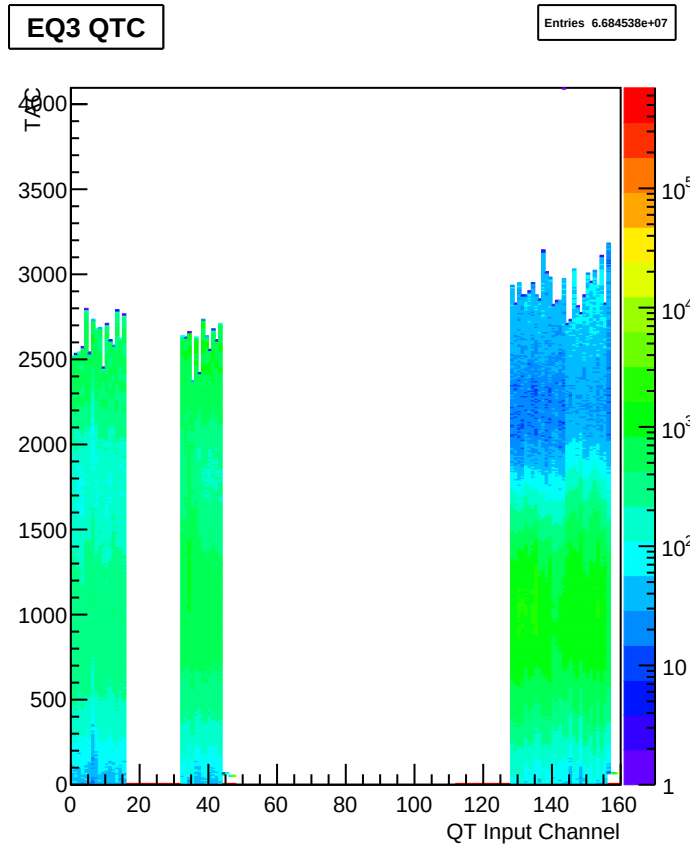

EQ2 QTC
Entries 6.684538e+07
ADC
QT Input Channel

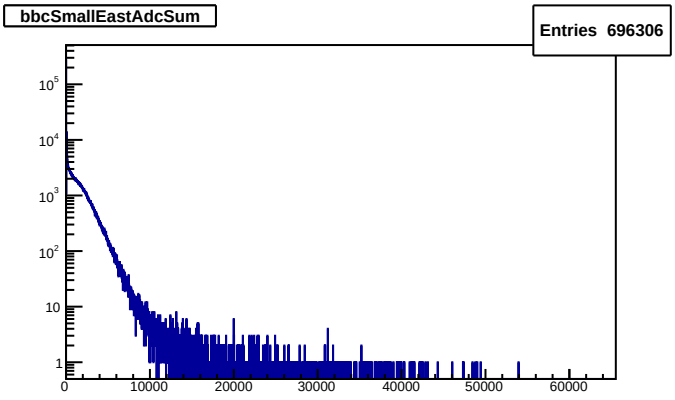

EQ2 QTC
Entries 6.684538e+07
TADC
QT Input Channel

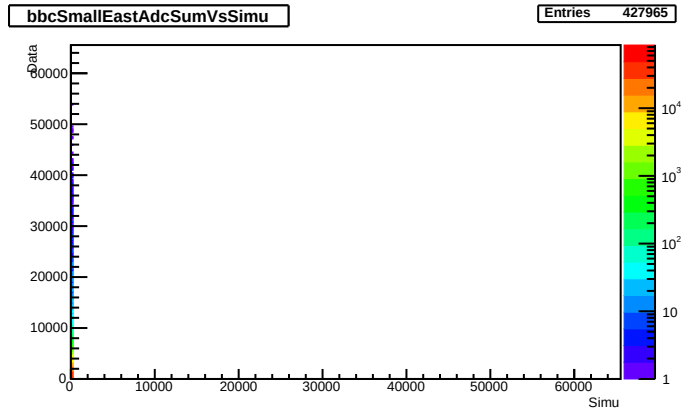

EQ3 QTB
Entries 1.782543e+08
ADC
QT Input Channel

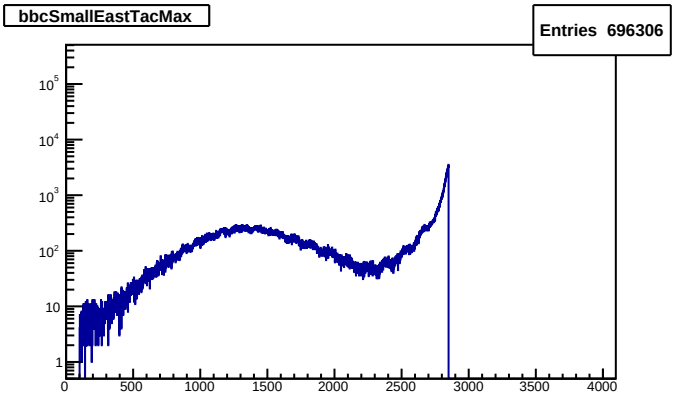

EQ3 QTB
Entries 5.126992e+07
TDC
QT Input Channel

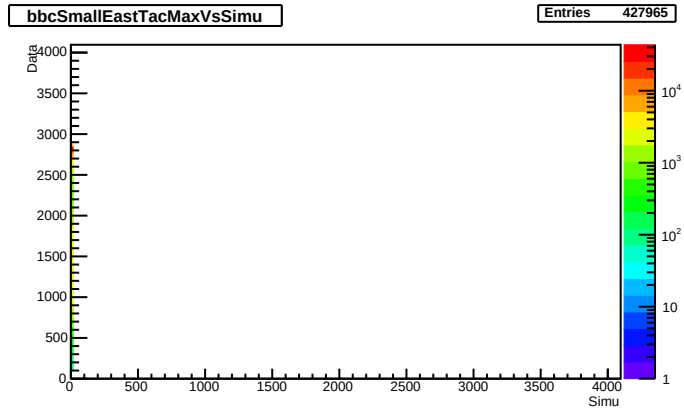

EQ3 QTC
Entries 6.684538e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.684538e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 696306


bbcSmallEastAdcSumVsSimu
Entries 427965
Data
Simu


bbcSmallEastTacMax
Entries 696306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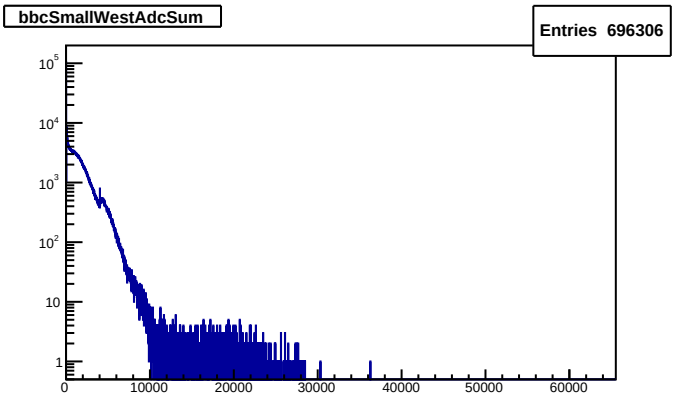
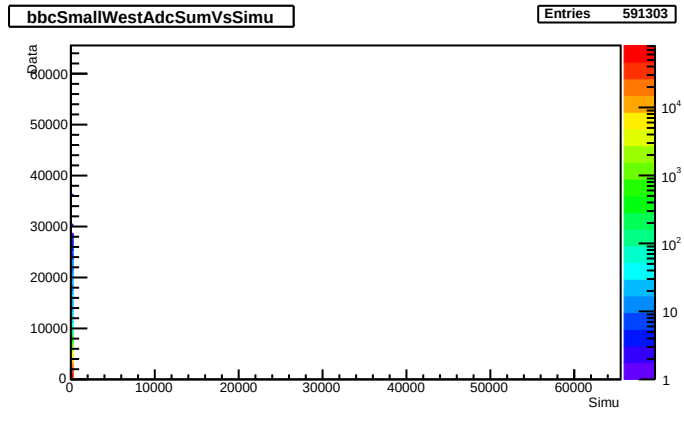
Entries 427965
Data
Simu


bbcSmallWestAdcSum
Entries 696306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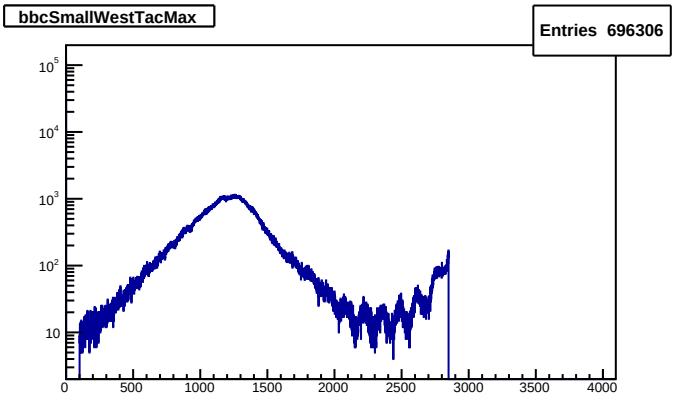
Entries 591303
Data
Simu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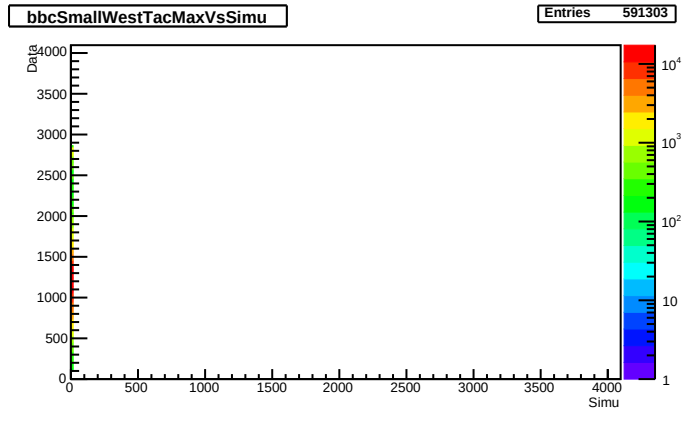
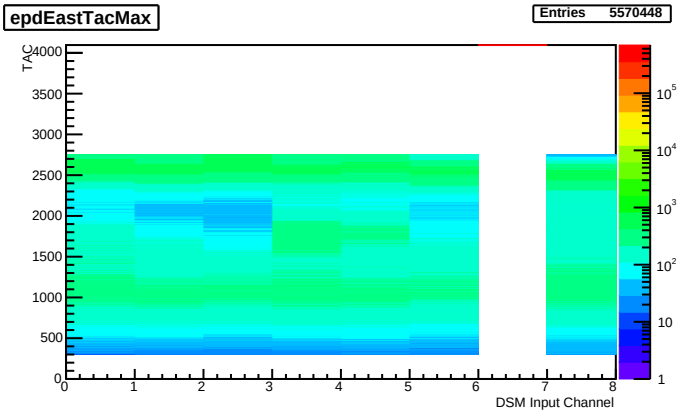
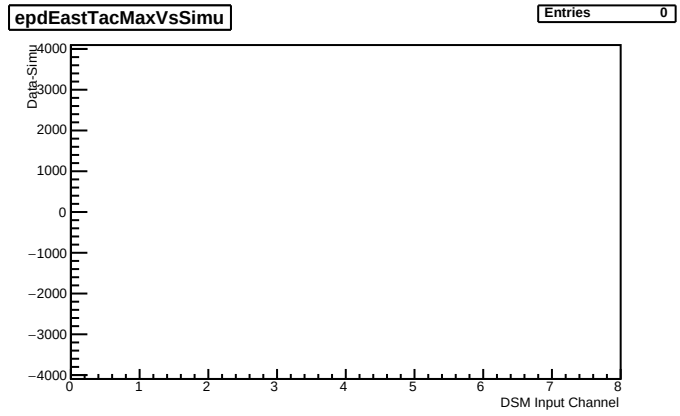
Entries 696306


bbcSmallWestTacMaxVsSimu
Entries 591303
Data
Simu


epdEastTacMax
Entries 5570448
TAC
DSM Input Channel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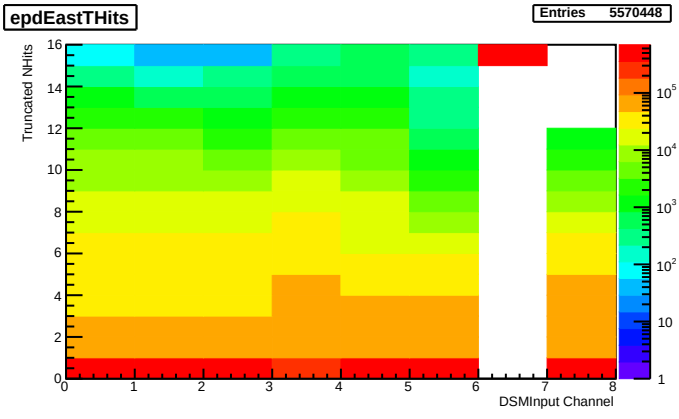
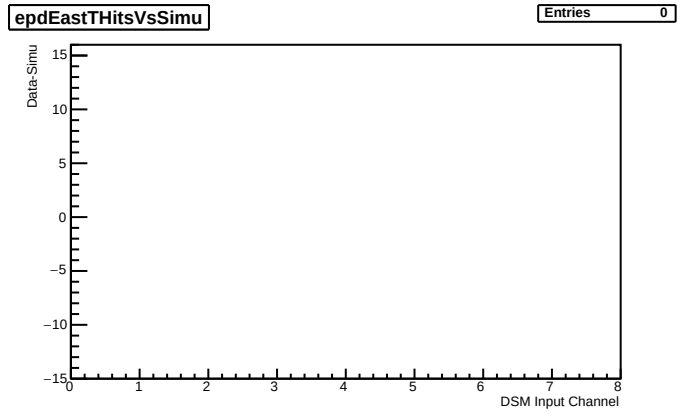
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5570448
Truncated NHits
DSMInput Channel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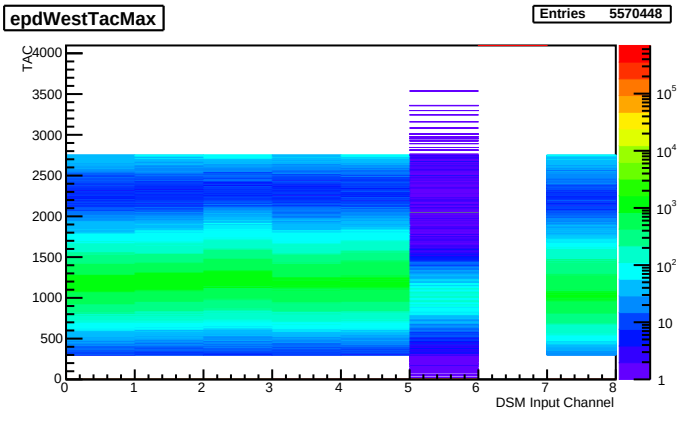
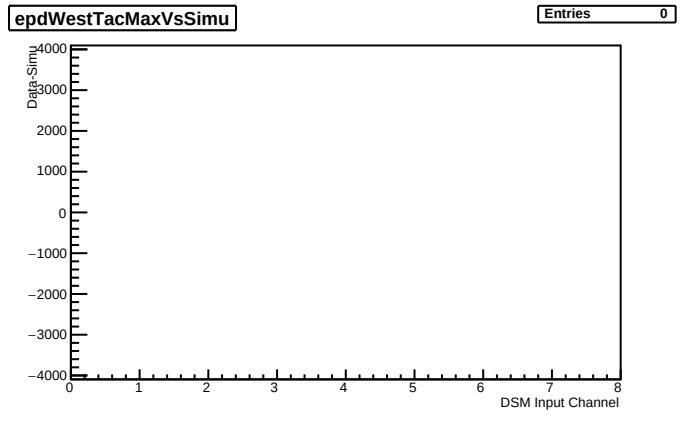
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 5570448
TAC
DSM Input Channel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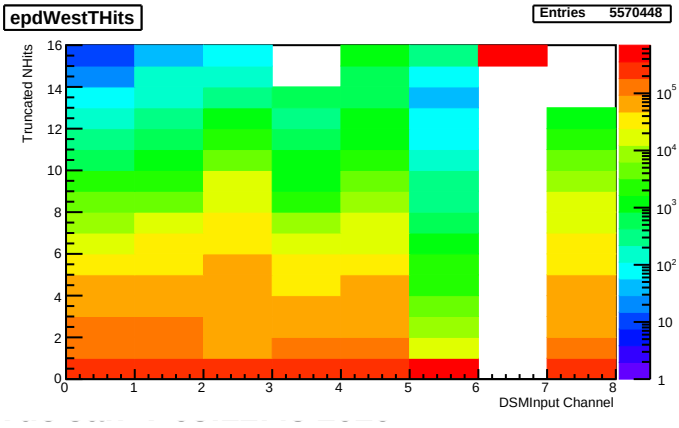
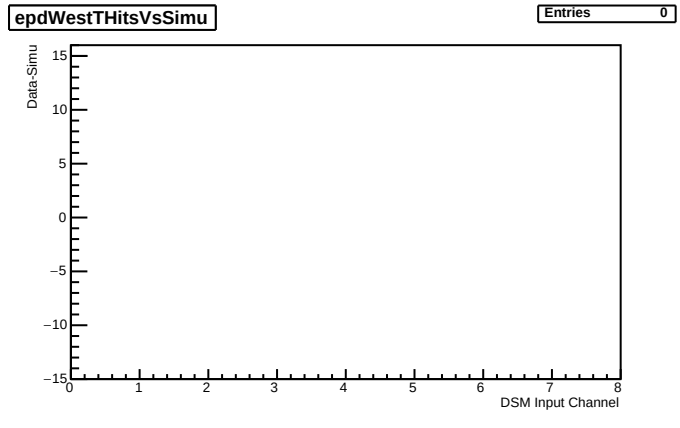
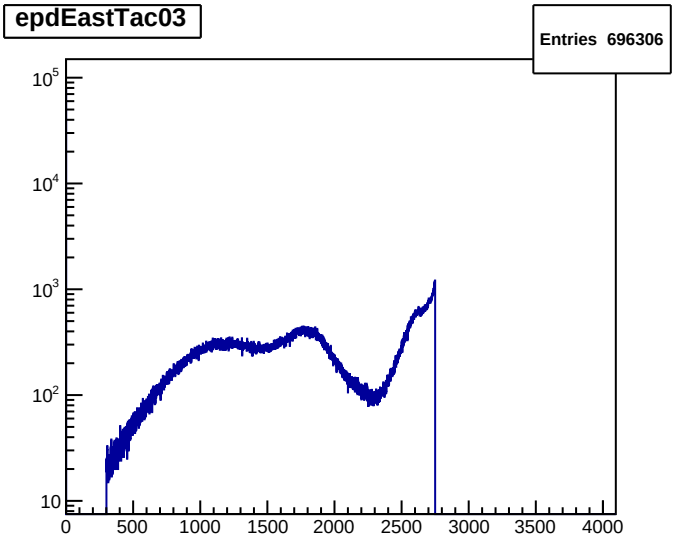
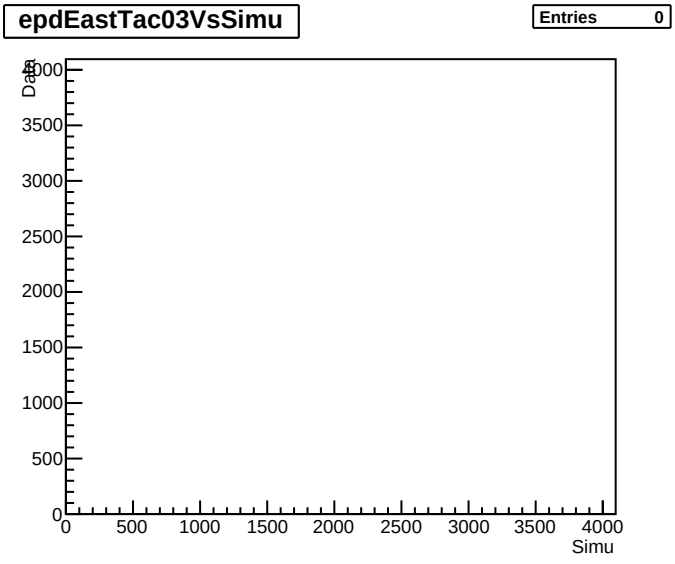
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5570448
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 696306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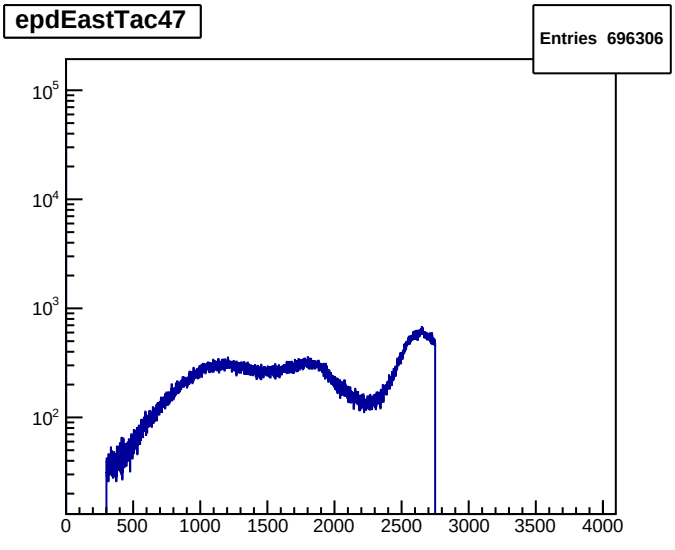
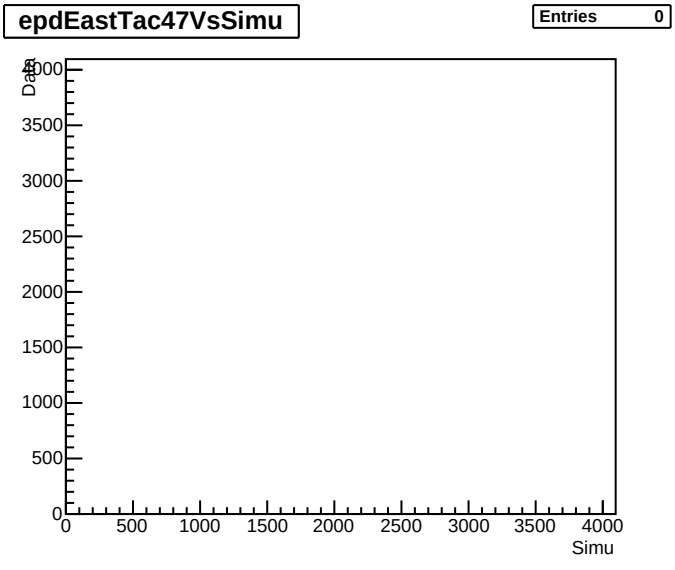
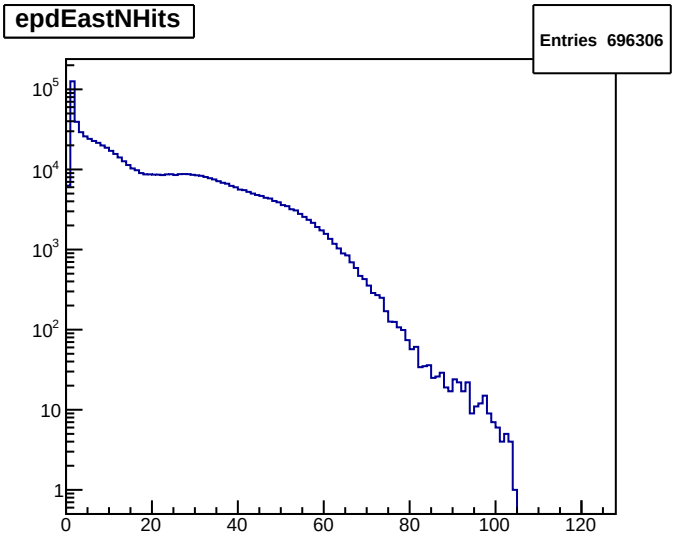
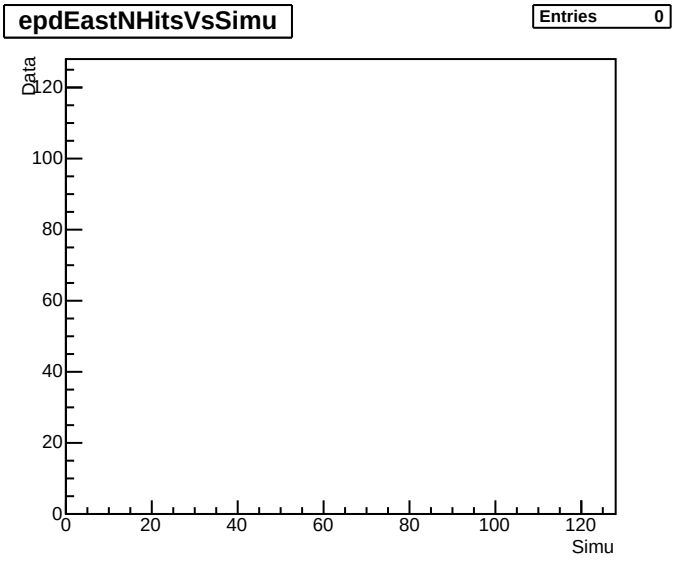
Entries 0
Data
Simu


epdEastTac47
Entries 696306


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 696306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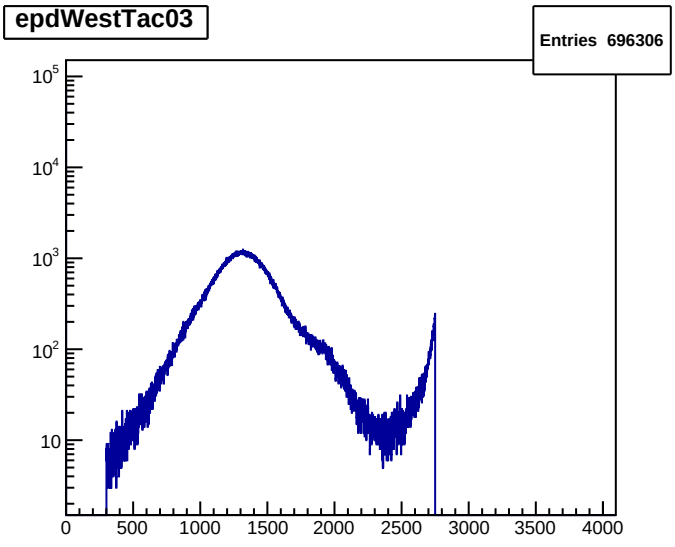
Entries 0
Data
Simu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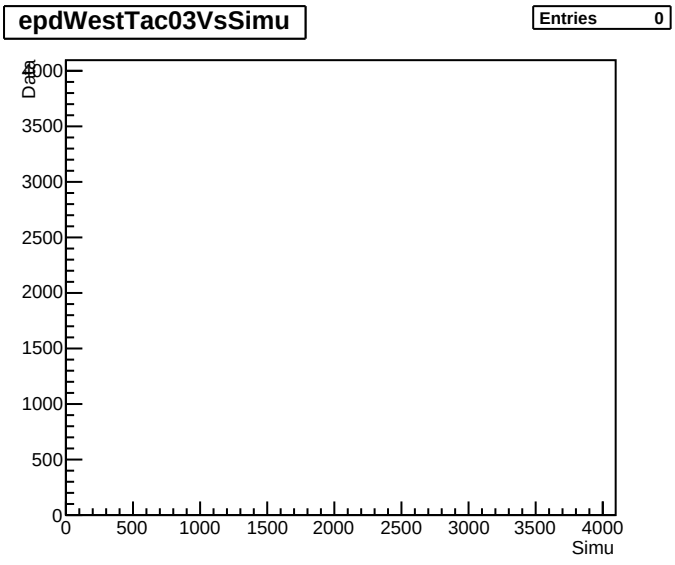
Entries 696306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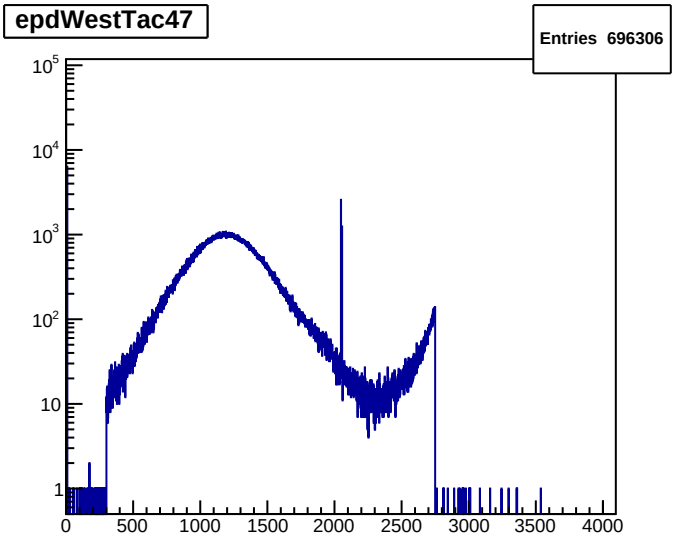
Entries 0
Data
Simu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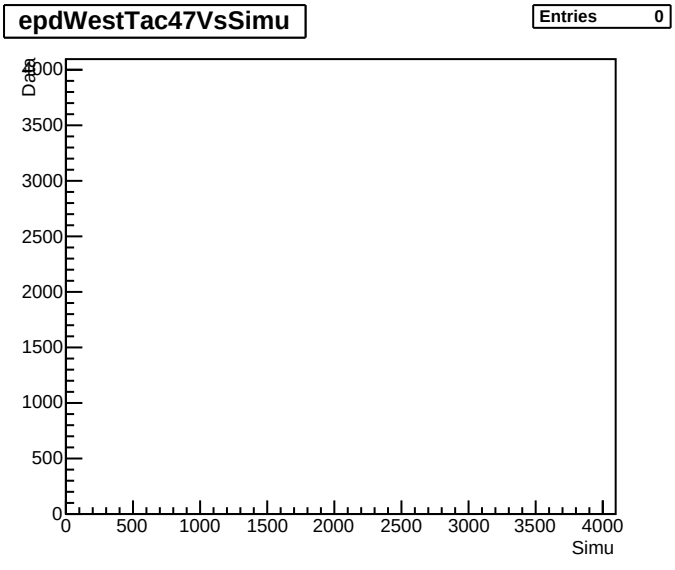
Entries 696306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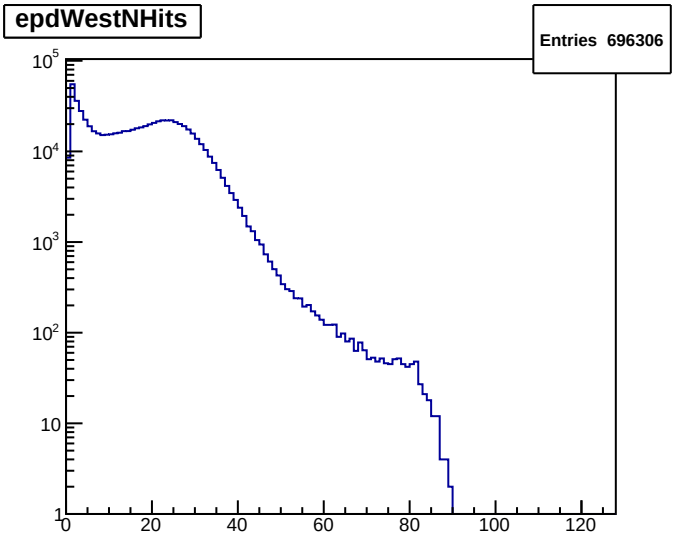
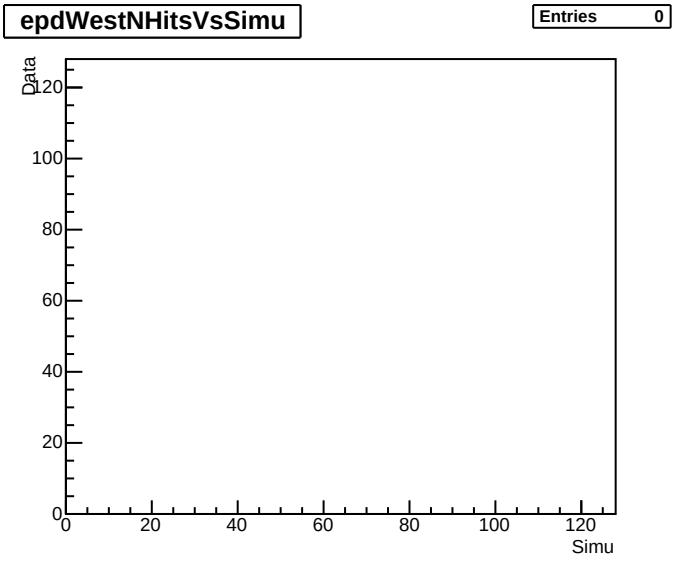
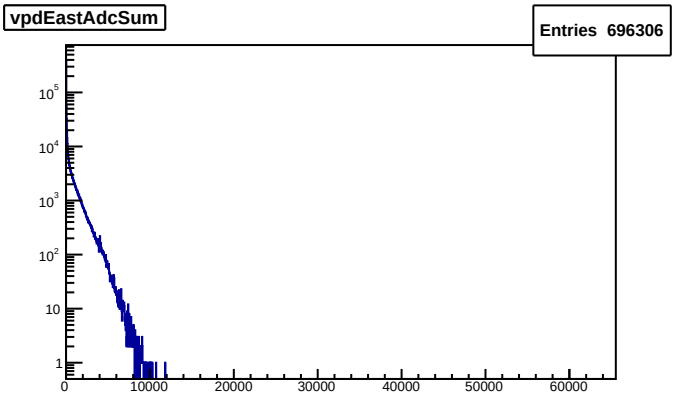
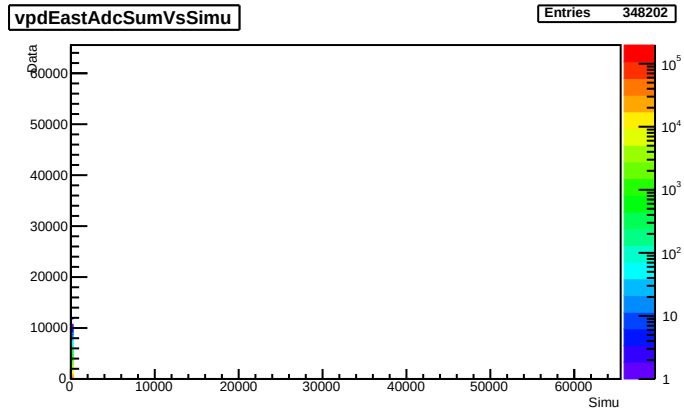
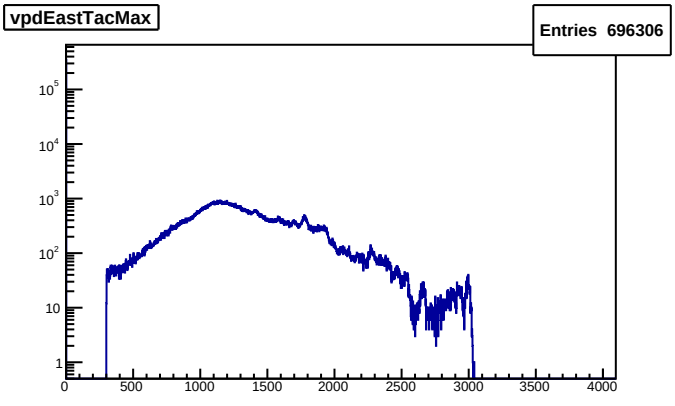
Entries 0
Data
Simu

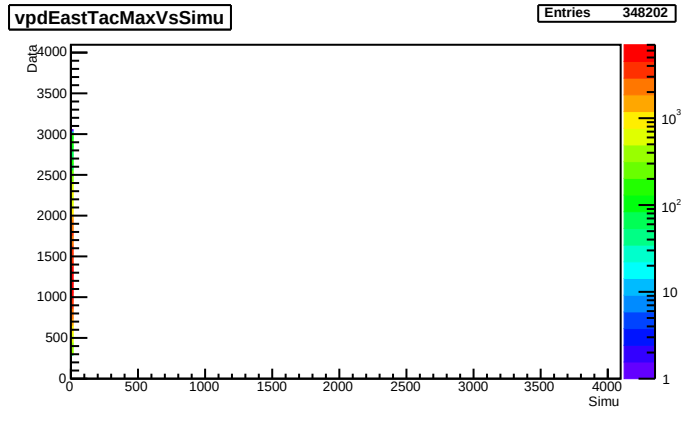

epdWestNHits
Entries 696306

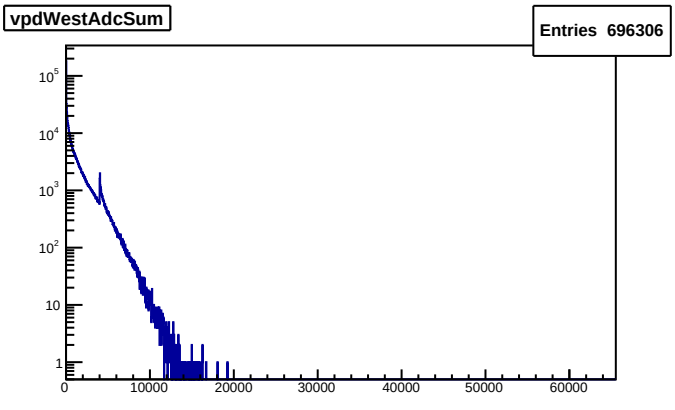

epdWestNHitsVsSimu
Entries 0
Data
Simu

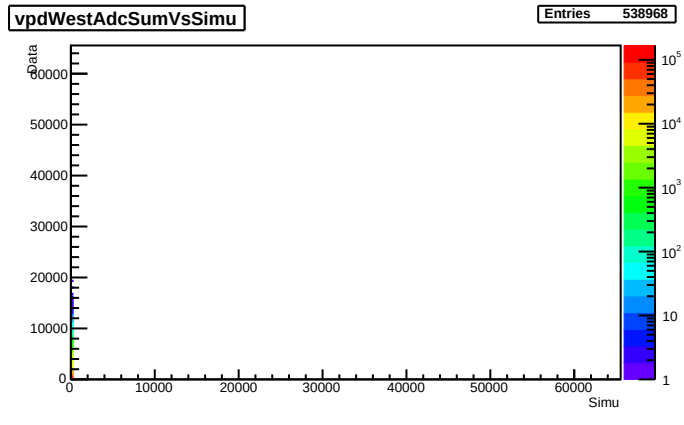

vpdEastAdcSum
Entries 696306

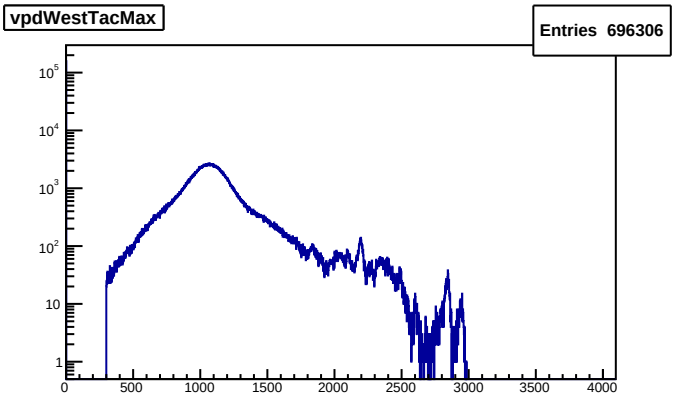

vpdEastAdcSumVsSimu
Entries 348202
Data
Simu

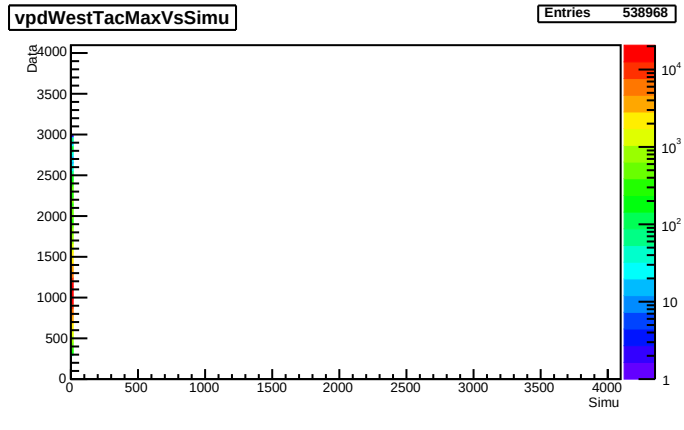

vpdEastTacMax
Entries 696306

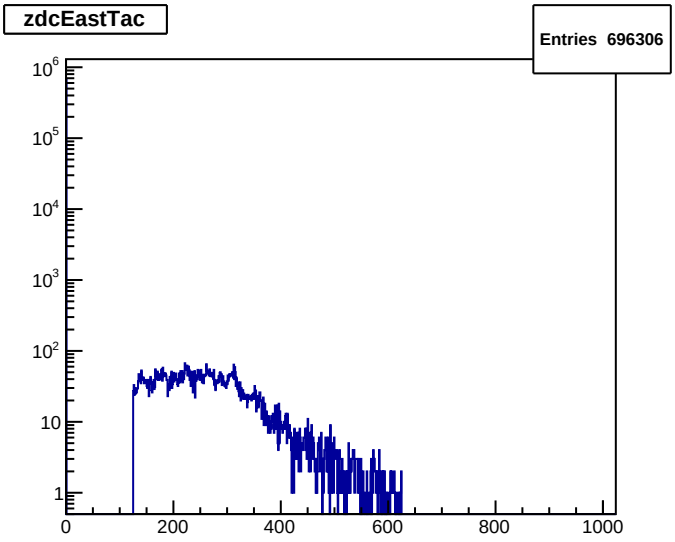

vpdEastTacMaxVsSimu
Entries 348202
Data
Simu

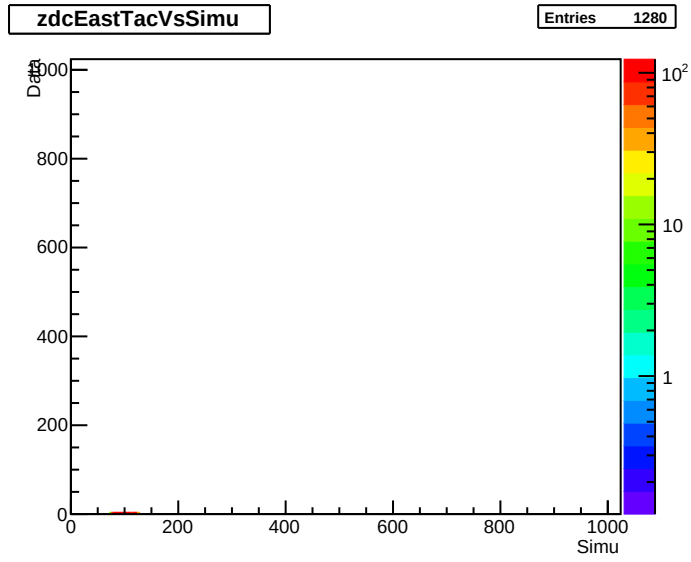

vpdWestAdcSum
Entries 696306

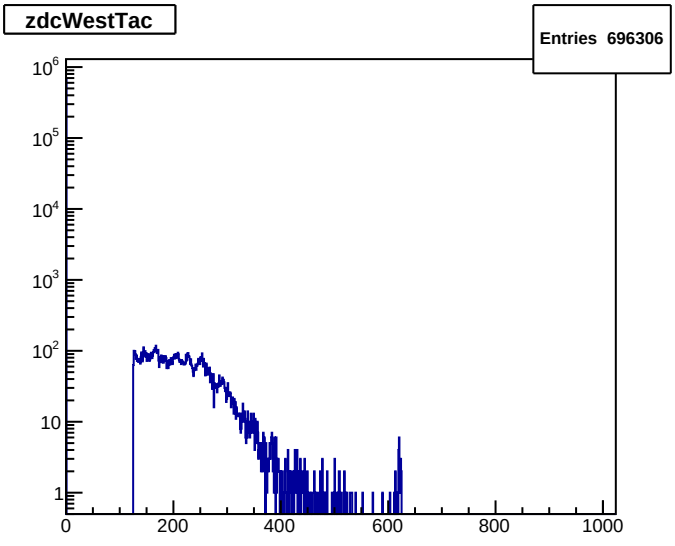

vpdWestAdcSumVsSimu
Entries 538968
Data
Simu

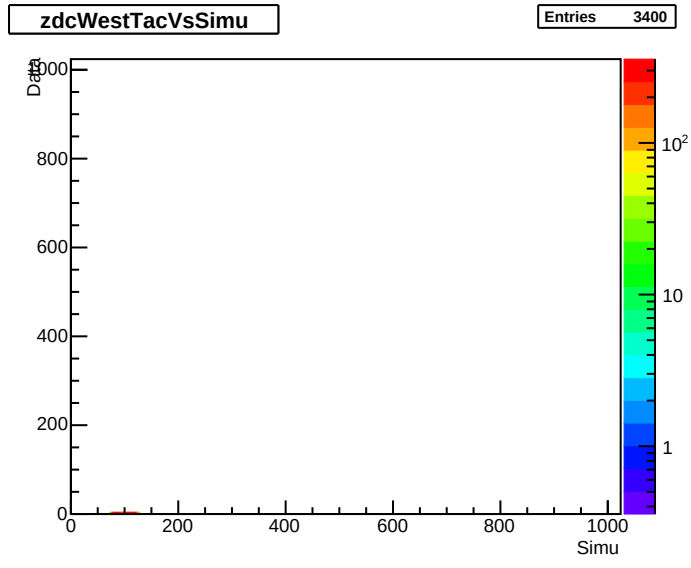

vpdWestTacMax
Entries 696306

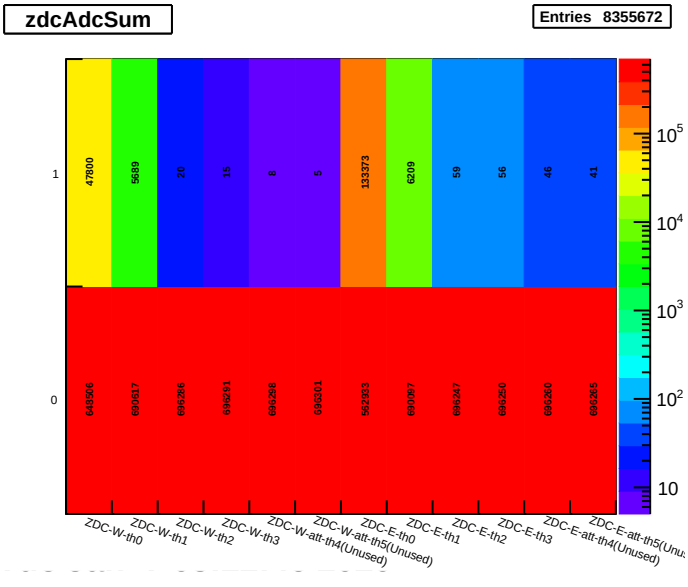

vpdWestTacMaxVsSimu
Entries 538968
Data
Simu

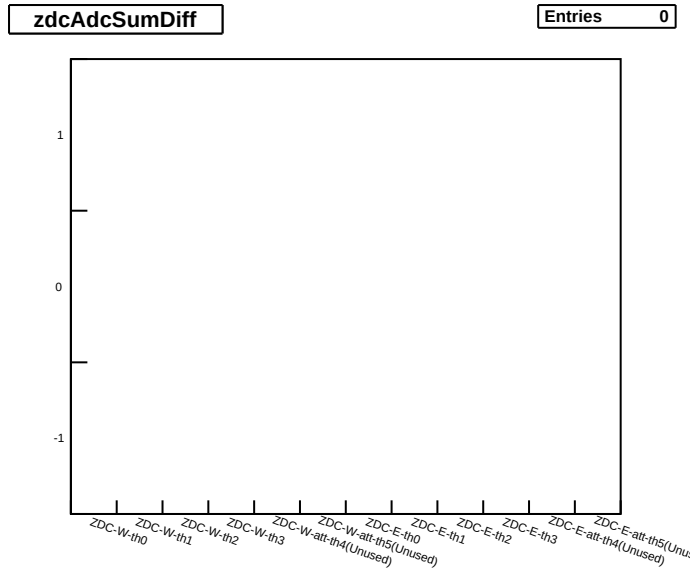

zdcEastTac
Entries 696306

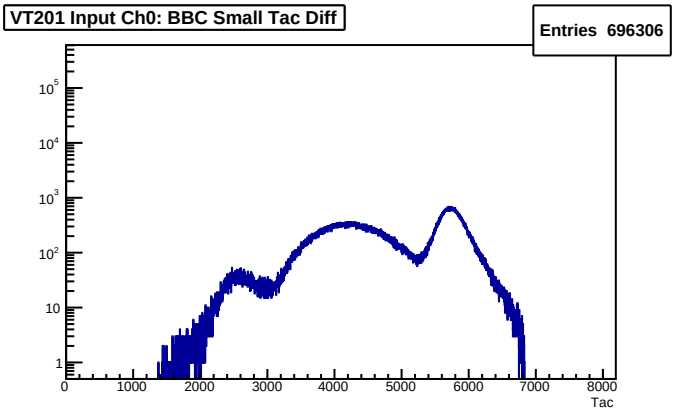

zdcEastTacVsSimu
Entries 1280
Data
Simu

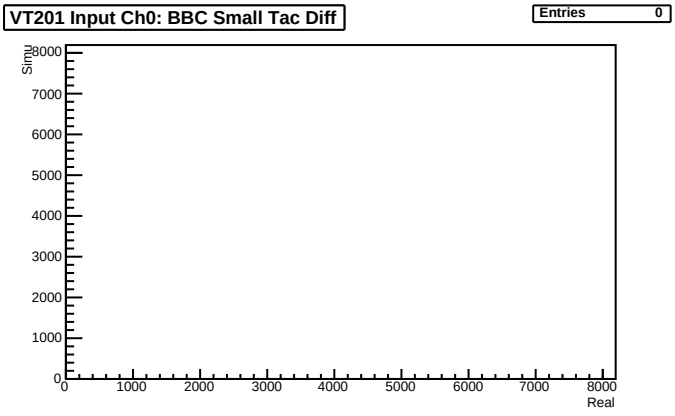

zdcWestTac
Entries 696306

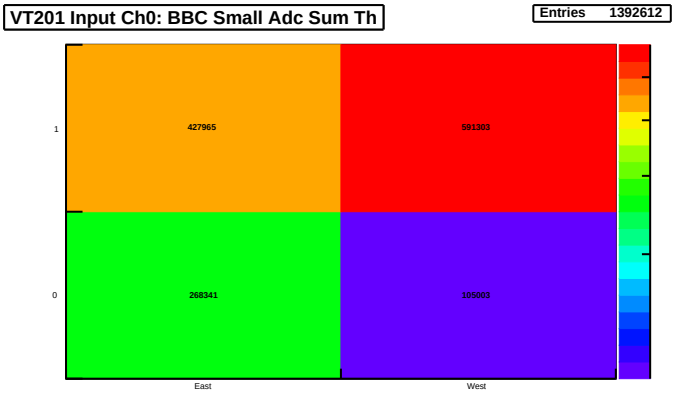

zdcWestTacVsSimu
Entries 3400
Data
Simu

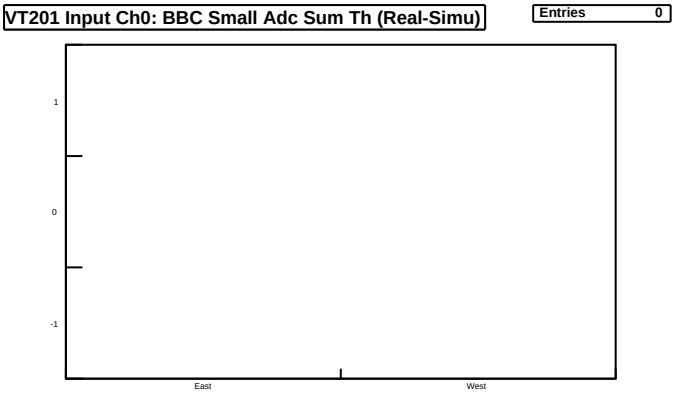

zdcAdcSum
Entries 8355672
47800
5689
20
15
8
5
133373
6209
59
56
46
41
648506
690617
696286
696291
696298
696301
562933
690097
696247
696250
696260
696265
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

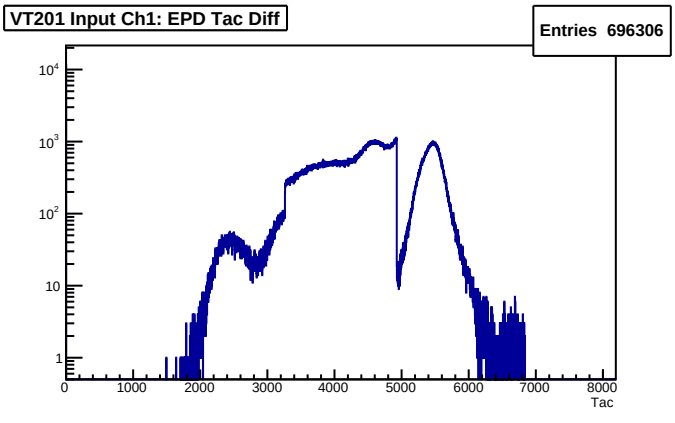

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

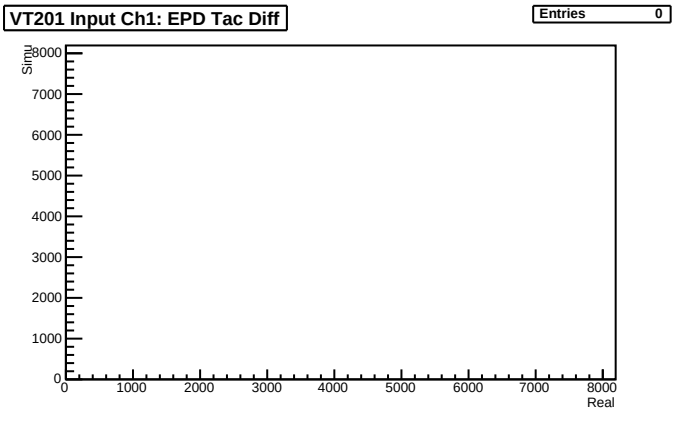

VT201 Input Ch0: BBC Small Tac Diff
Entries 696306
Tac

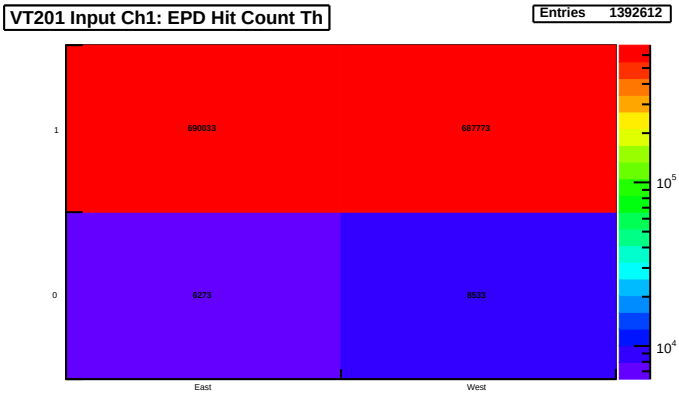

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

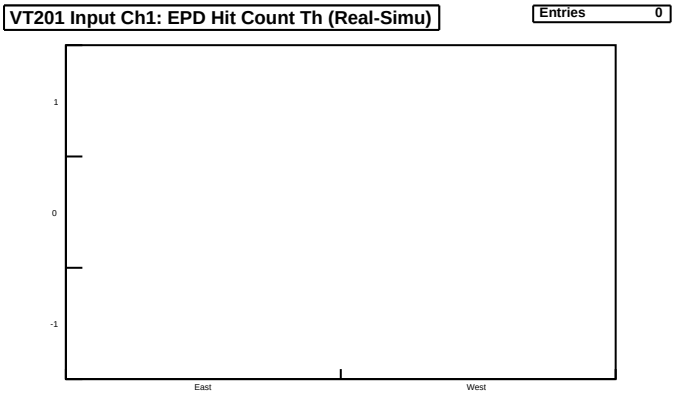

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1392612
427965
591303
268341
105003
East
West

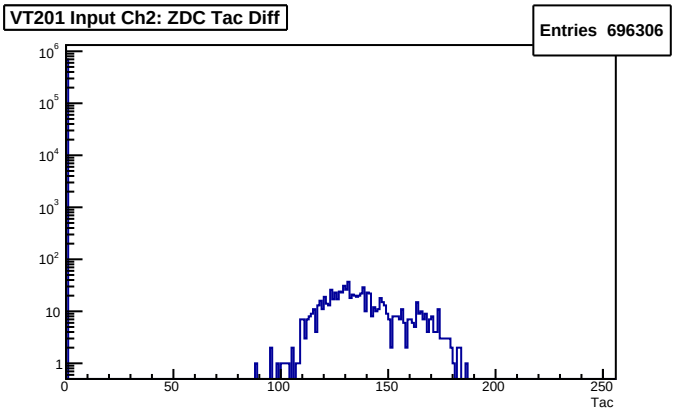

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

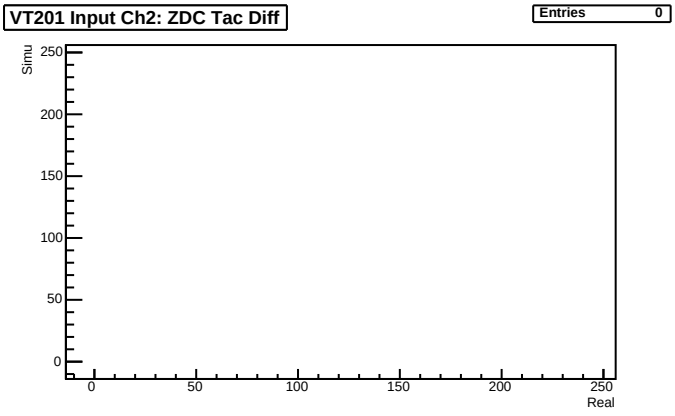

VT201 Input Ch1: EPD Tac Diff
Entries 696306
Tac

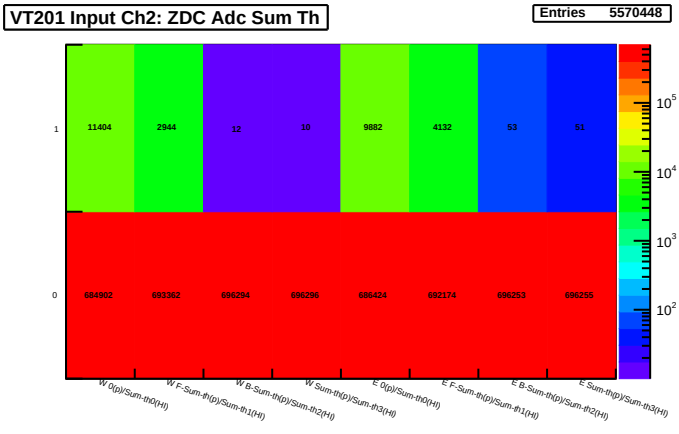

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

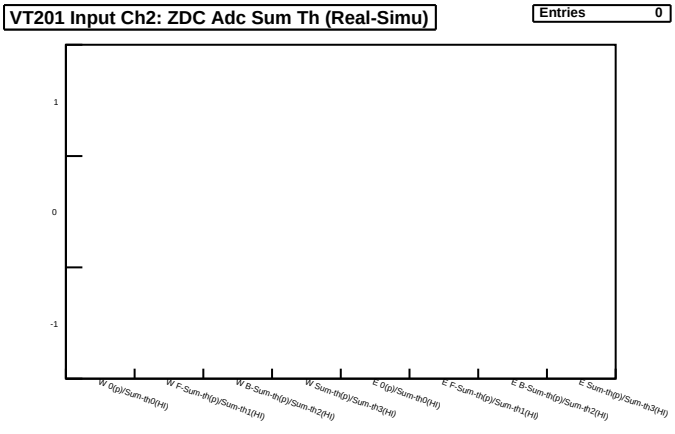

VT201 Input Ch1: EPD Hit Count Th
Entries 1392612
690033
687773
6273
8533
East
West

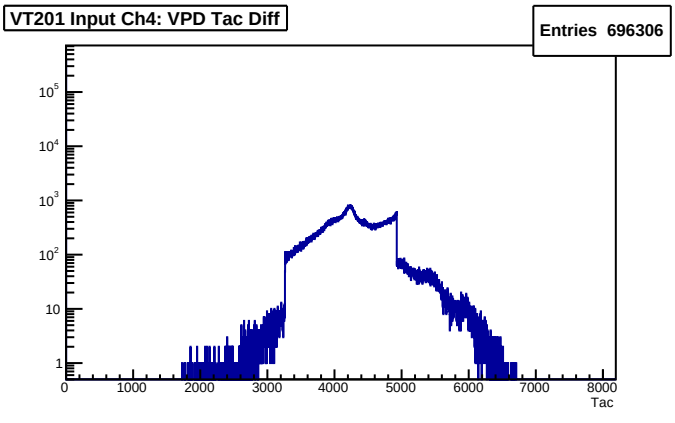

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

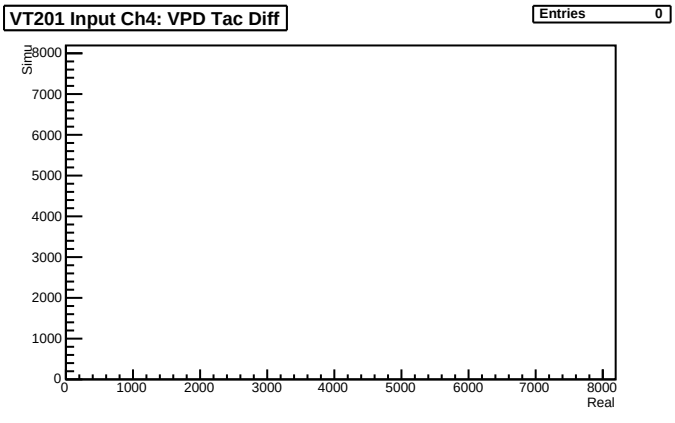

VT201 Input Ch2: ZDC Tac Diff
Entries 696306
Tac

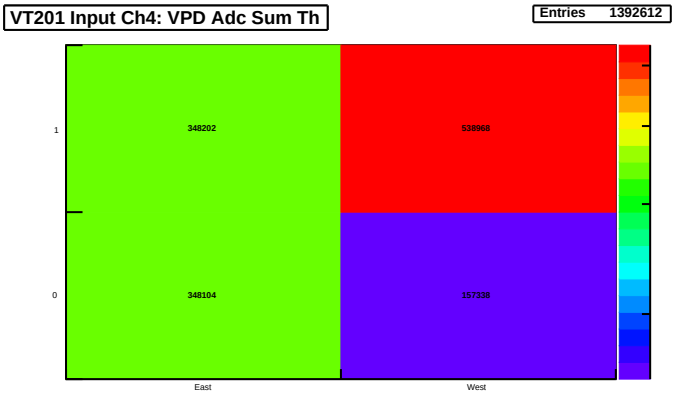

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

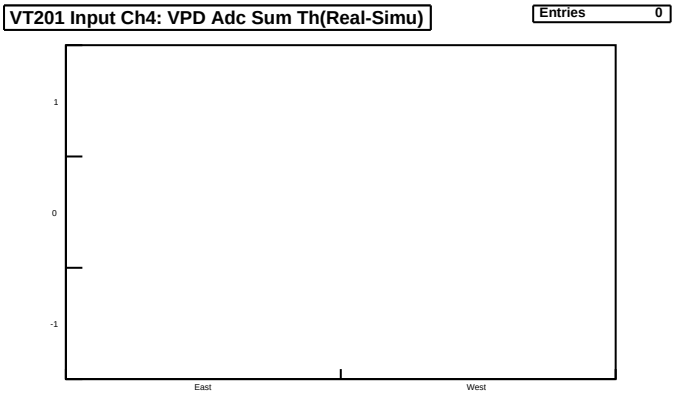

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5570448
11404
2944
12
10
9882
4132
53
51
684902
693362
696294
696296
686424
692174
696253
696255
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

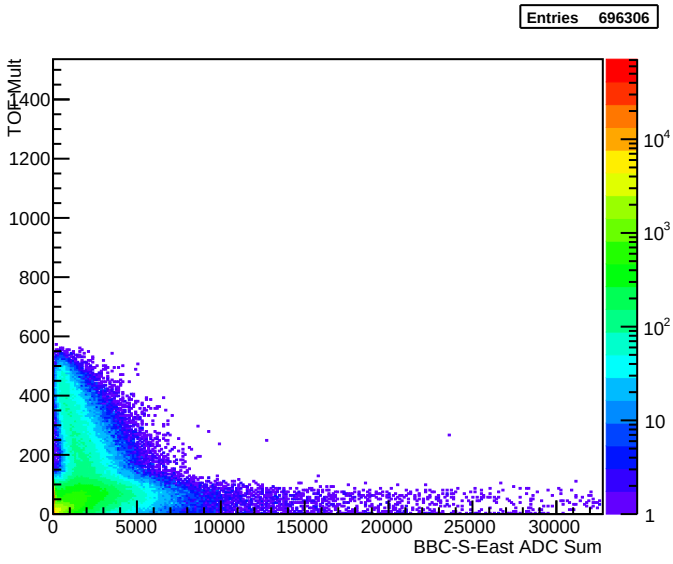

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

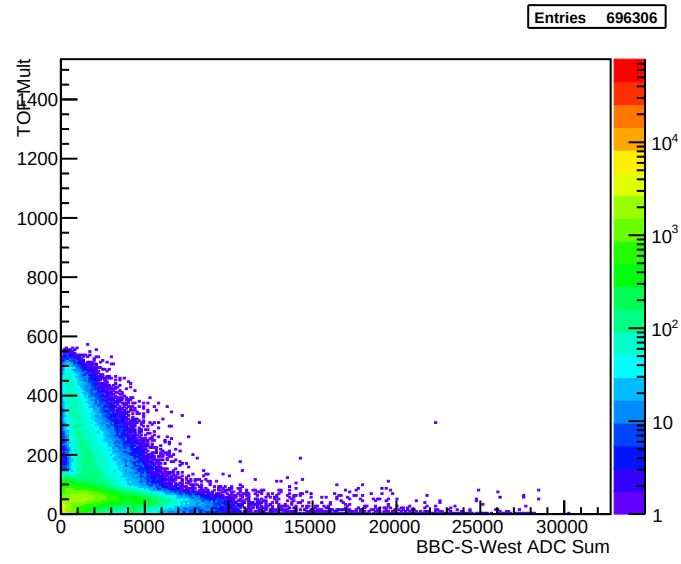

VT201 Input Ch4: VPD Tac Diff
Entries 696306
Tac

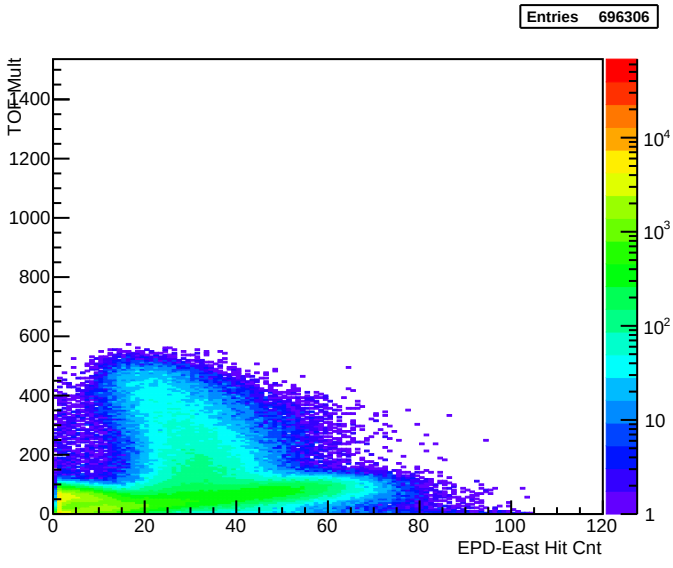

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

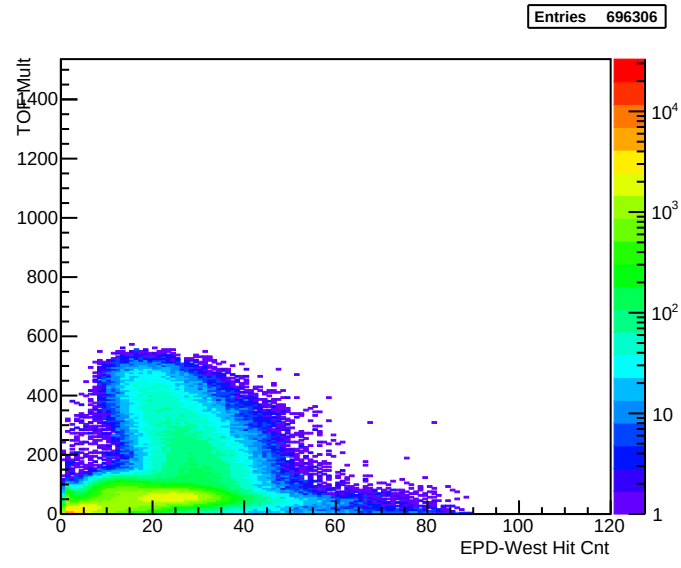

VT201 Input Ch4: VPD Adc Sum Th
Entries 1392612
348202
538968
348104
157338
East
West

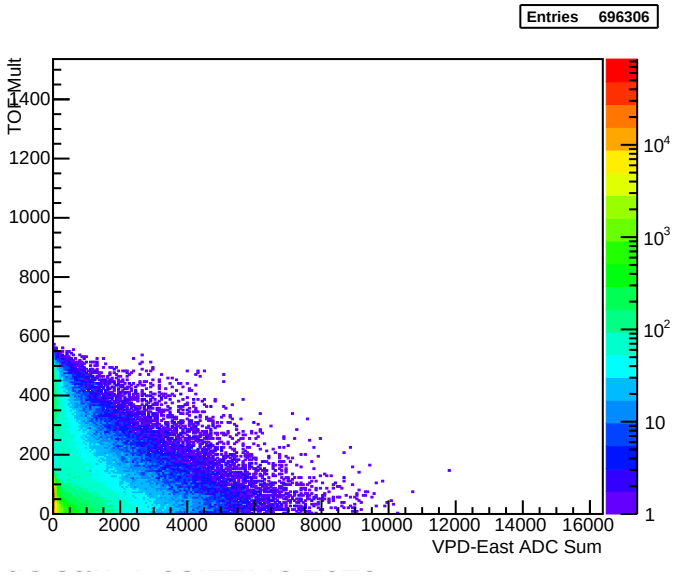

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

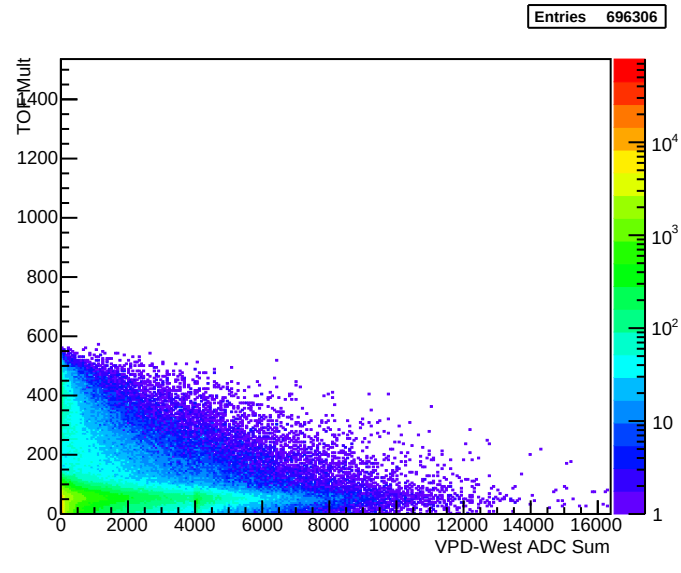

Entries 696306
TOF-Mult
BBC-S-East ADC Sum

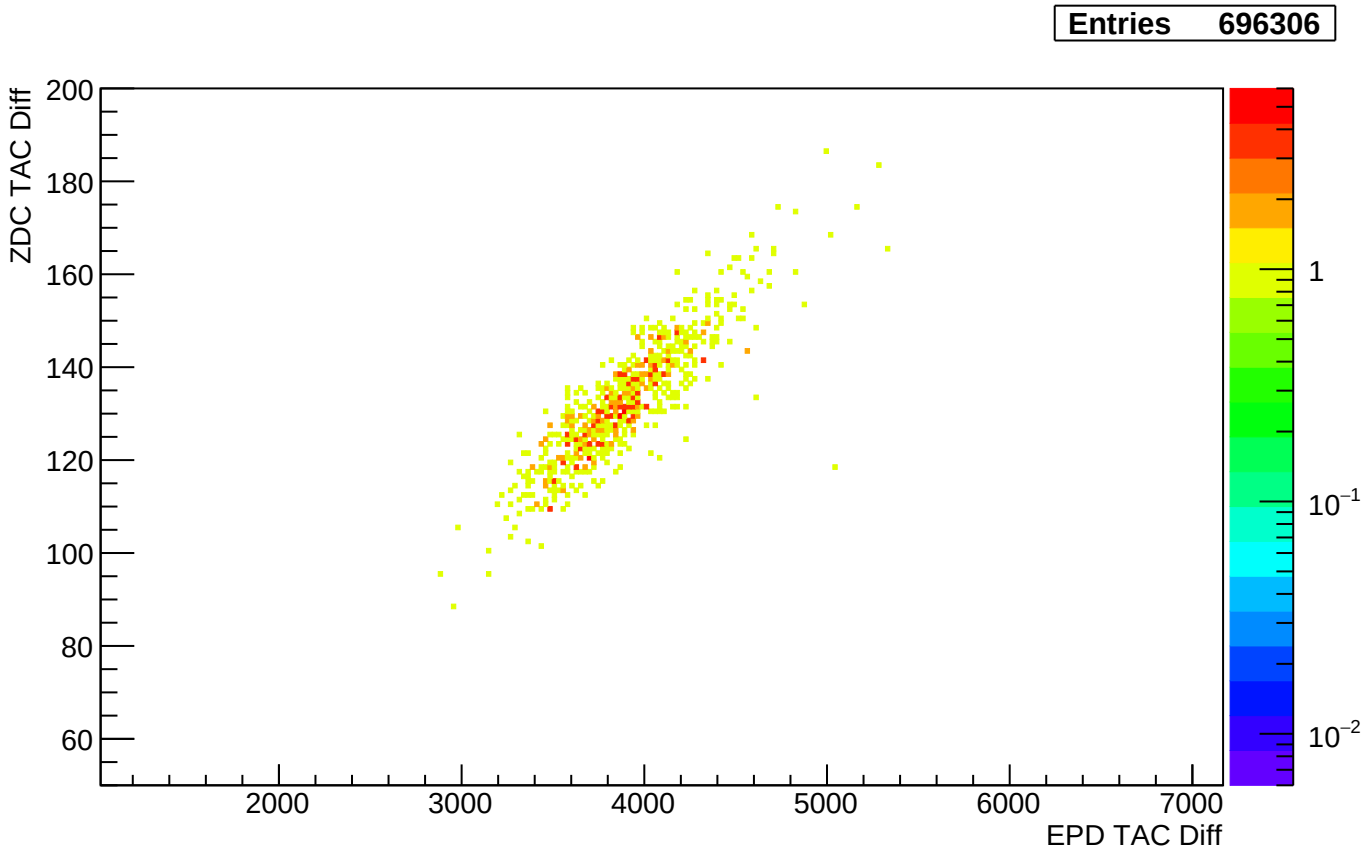

Entries 696306
TOF-Mult
BBC-S-West ADC Sum

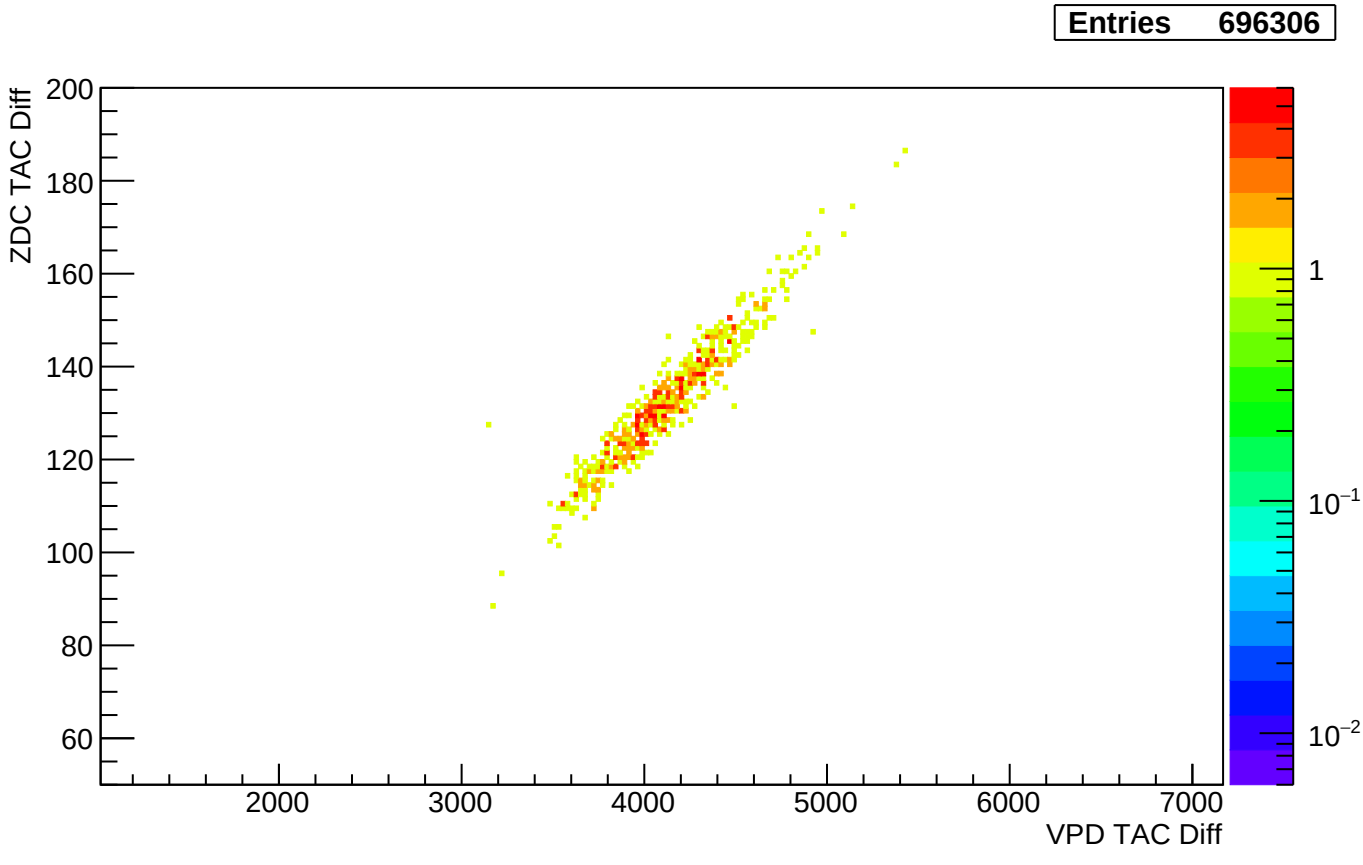

Entries 696306
TOF-Mult
EPD-East Hit Cnt

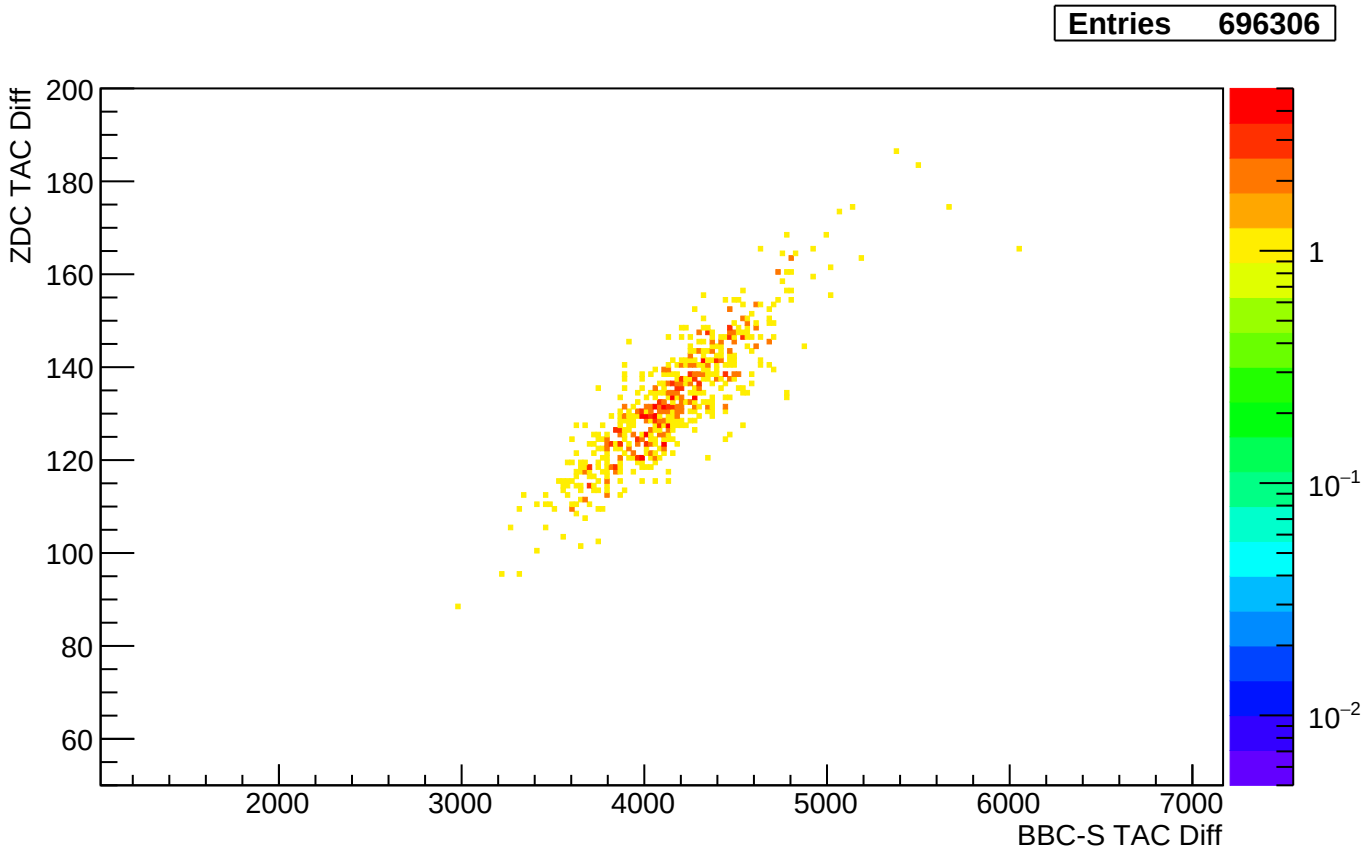

Entries 696306
TOF-Mult
EPD-West Hit Cnt

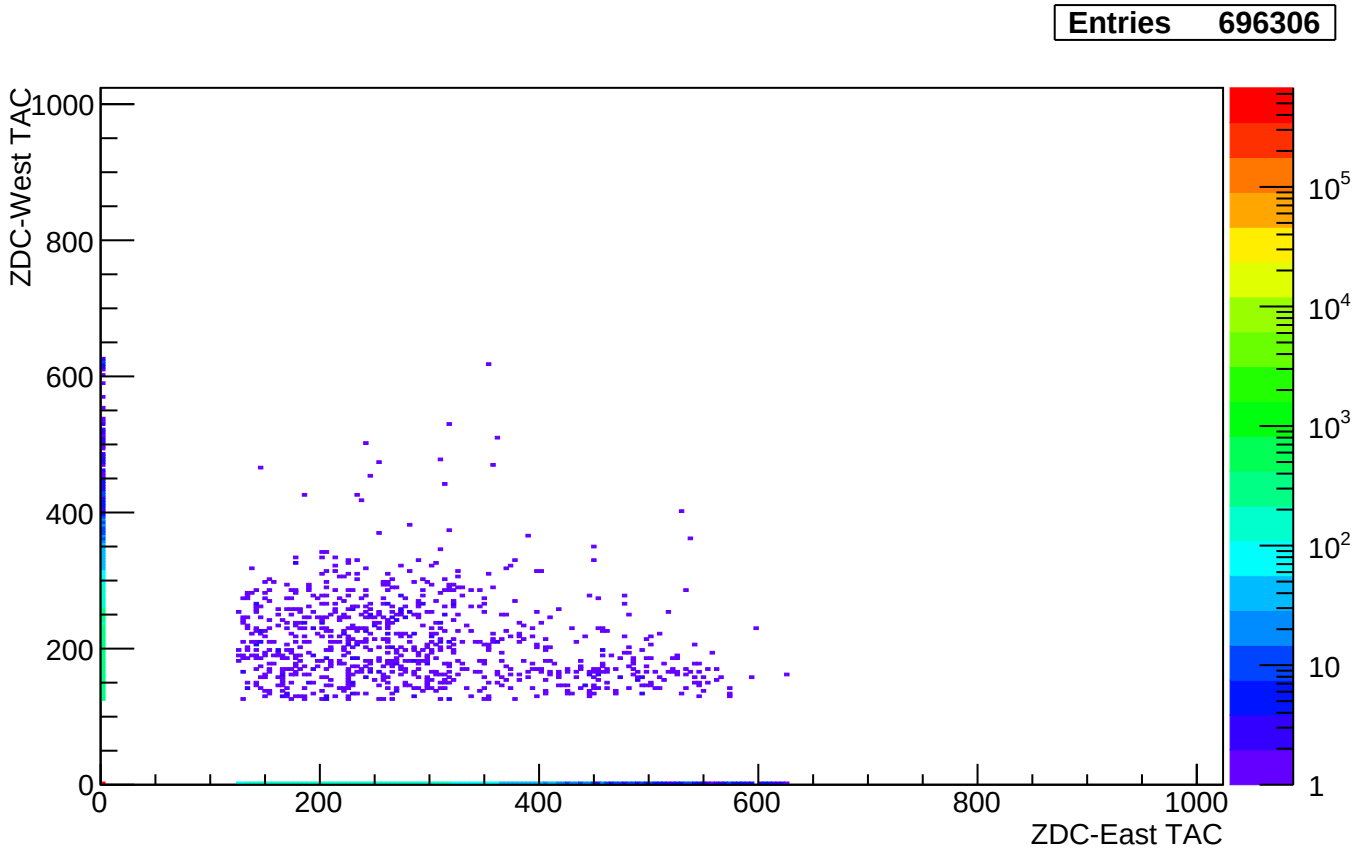

Entries 696306
TOF-Mult
VPD-East ADC Sum

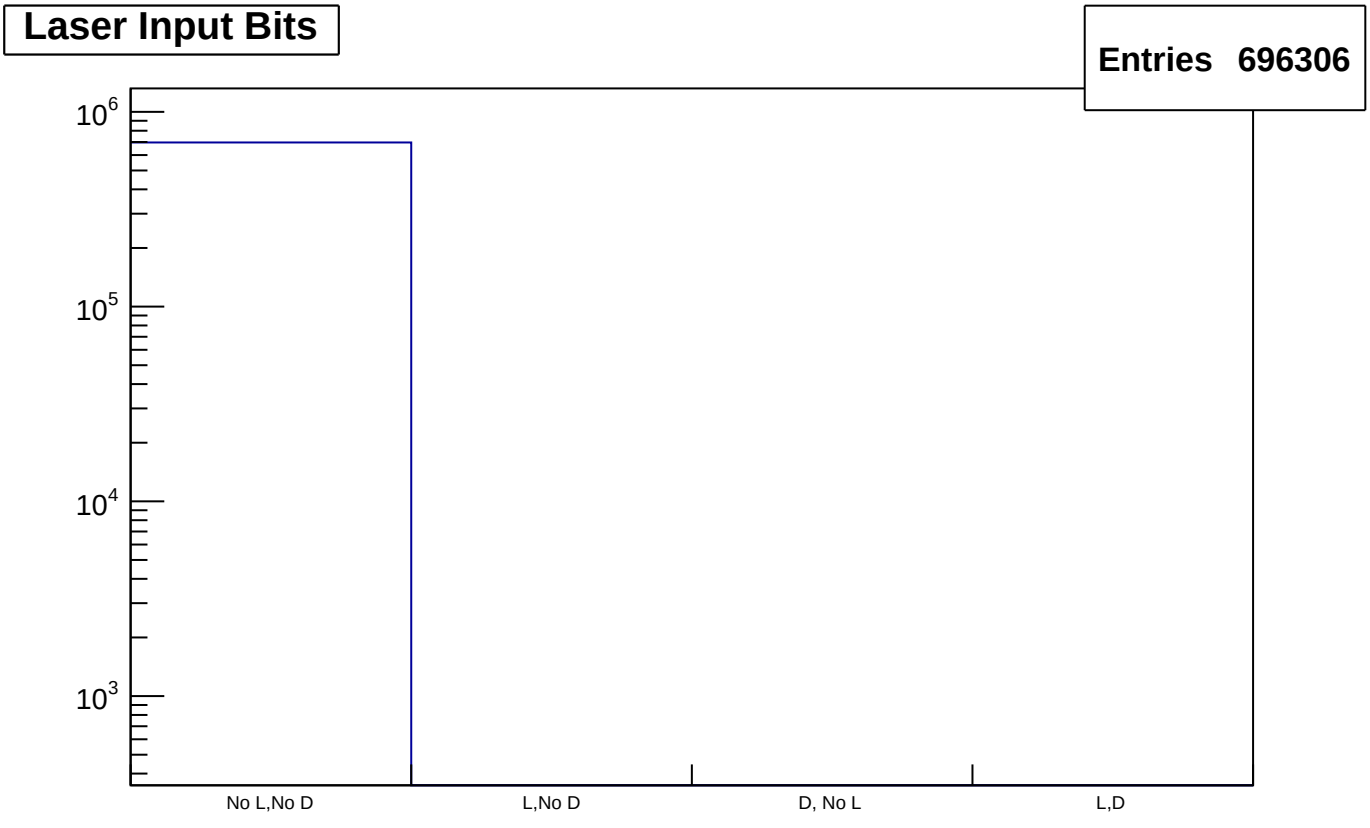

Entries 696306
TOF-Mult
VPD-West ADC Sum

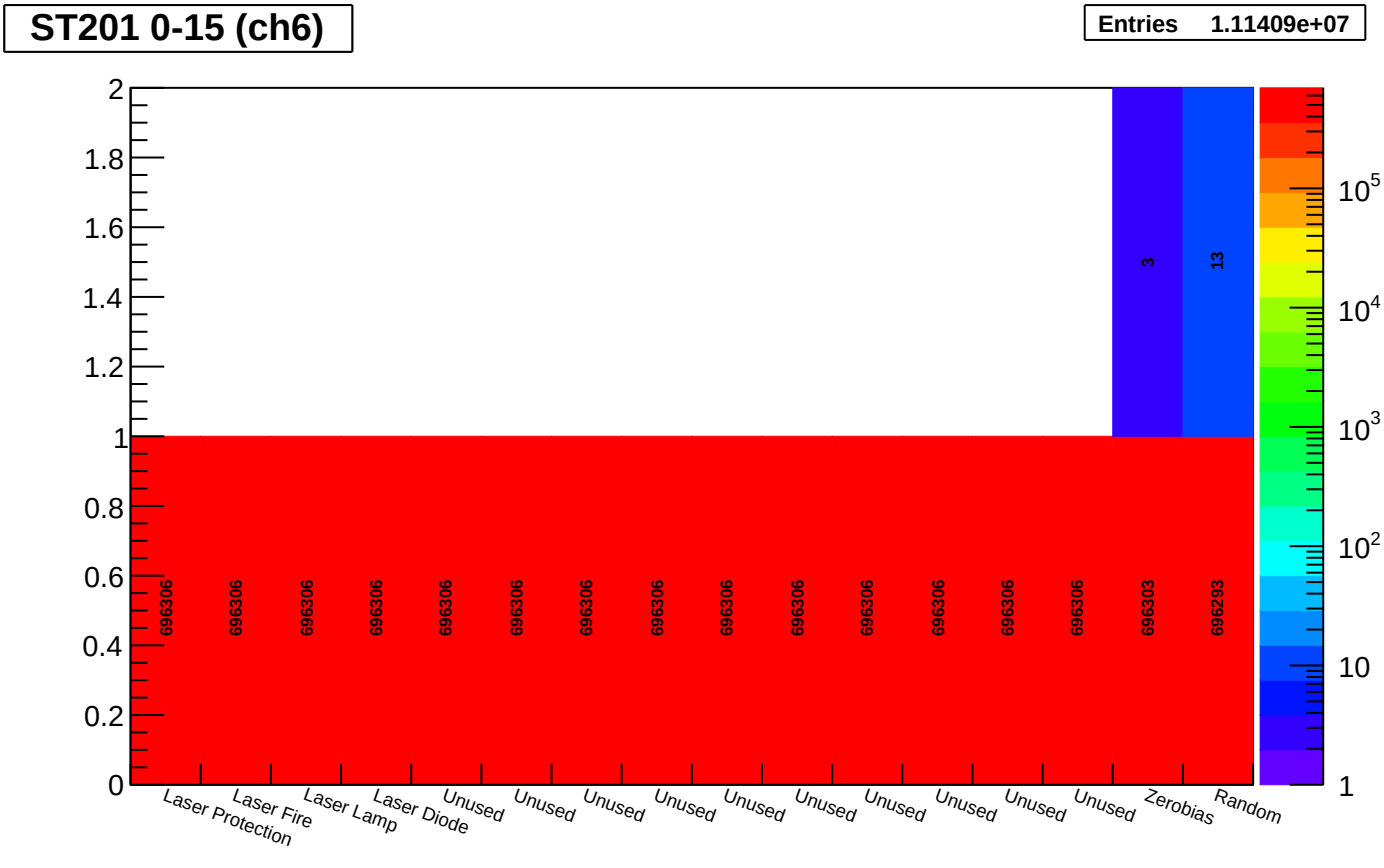

Entries 696306
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

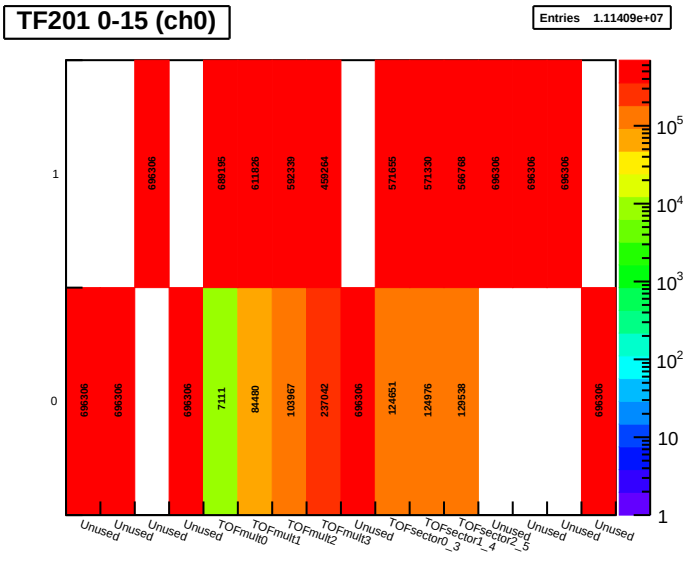

Entries 696306
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

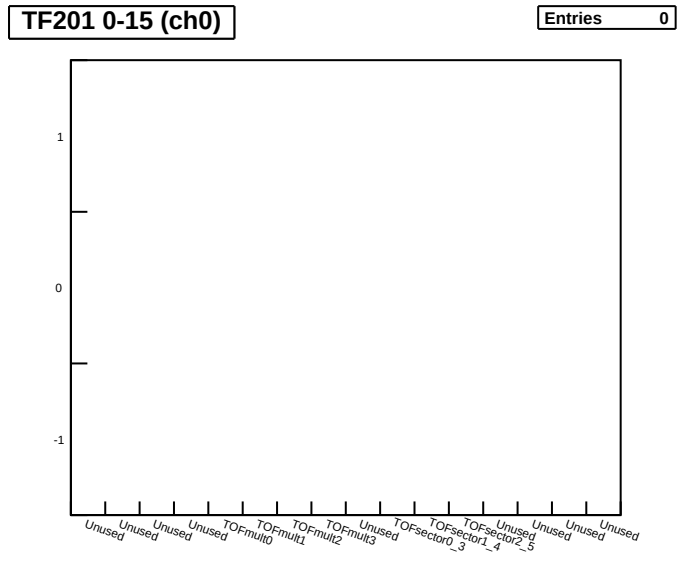

Entries 696306
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

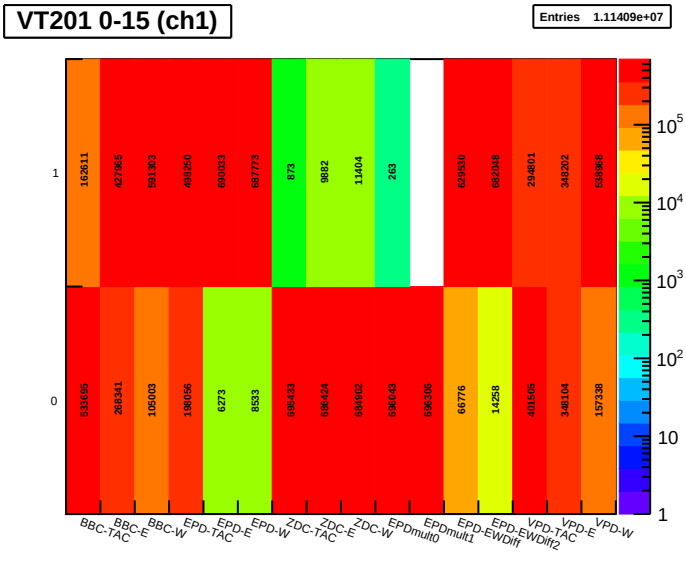

Entries 696306
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

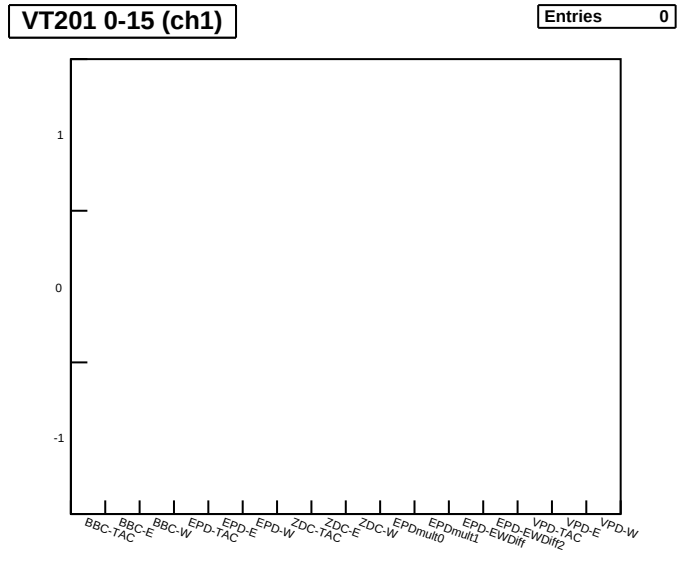

Laser Input Bits
Entries 696306
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

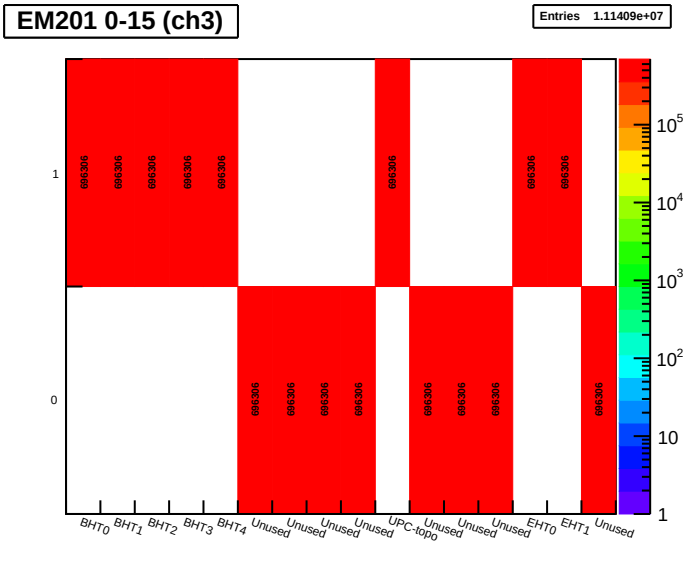

ST201 0-15 (ch6)
Entries 1.11409e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
696306
696306
696306
696306
696306
696306
696306
696306
696306
696306
696306
696306
696306
696306
696303
696293
3
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

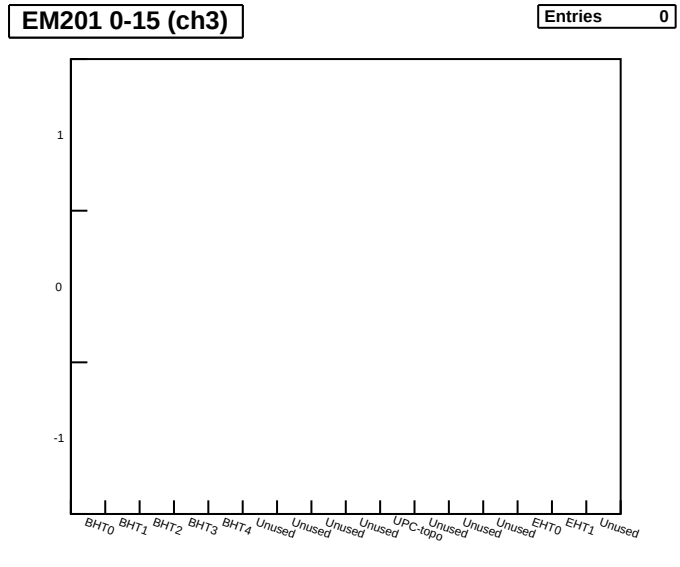

TF201 0-15 (ch0)
Entries 1.11409e+07
1
0
696306
689195
611826
582339
459264
571655
571330
566768
696306
696306
696306
696306
696306
7111
84480
103967
237042
696306
124651
124976
129538
696306
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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


VT201 0-15 (ch1)
Entries 1.11409e+07
1
0
162611
427955
591303
498250
690033
687773
873
9882
11404
263
629530
682048
294801
348202
538968
533695
268341
105003
198056
6273
8533
686433
688424
684902
686043
696306
66776
14258
401505
348104
157338
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W
1
10
10^2
10^3
10^4
10^5


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 1.11409e+07
1
0
696306
696306
696306
696306
696306
696306
696306
696306
696306
696306
696306
696306
696306
696306
696306
696306
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1