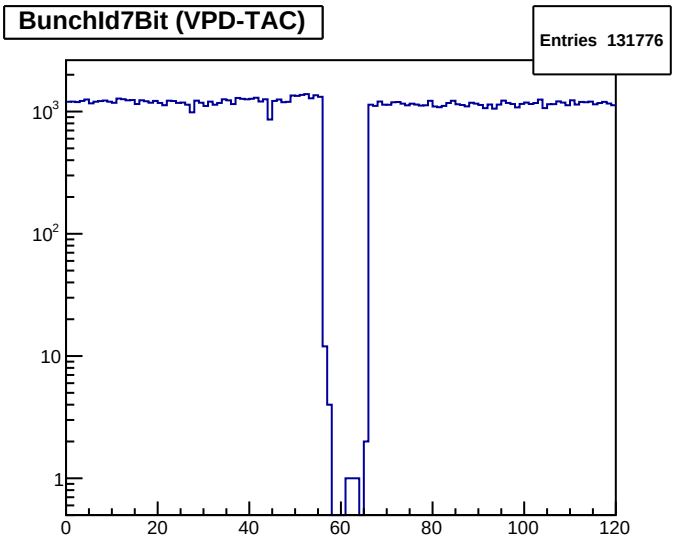
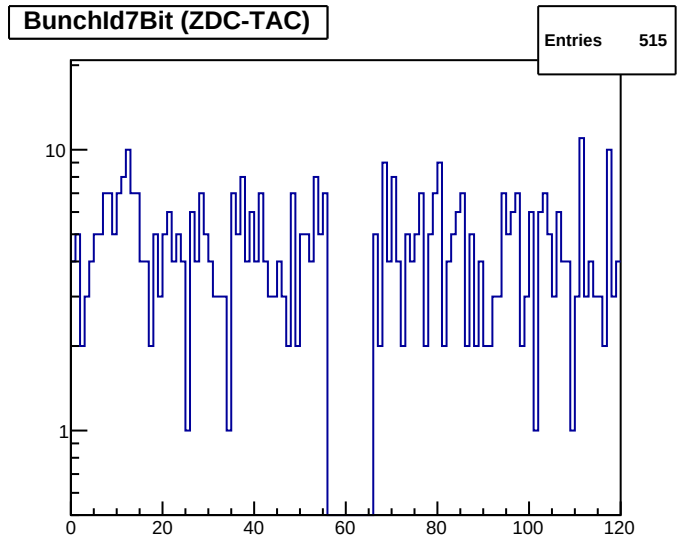
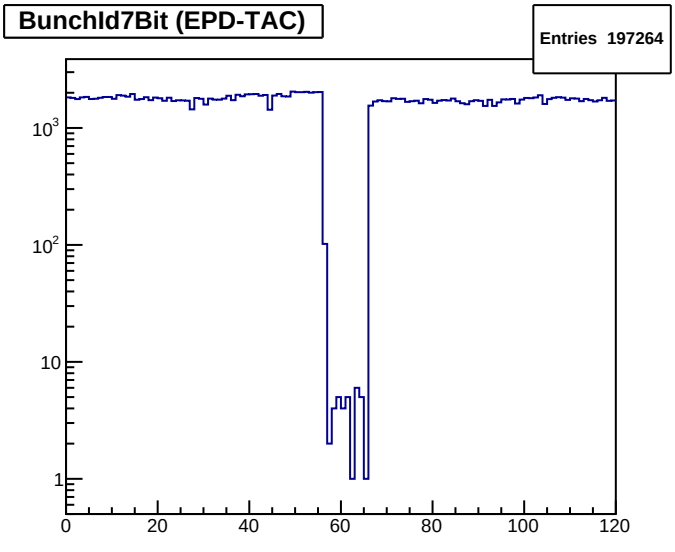
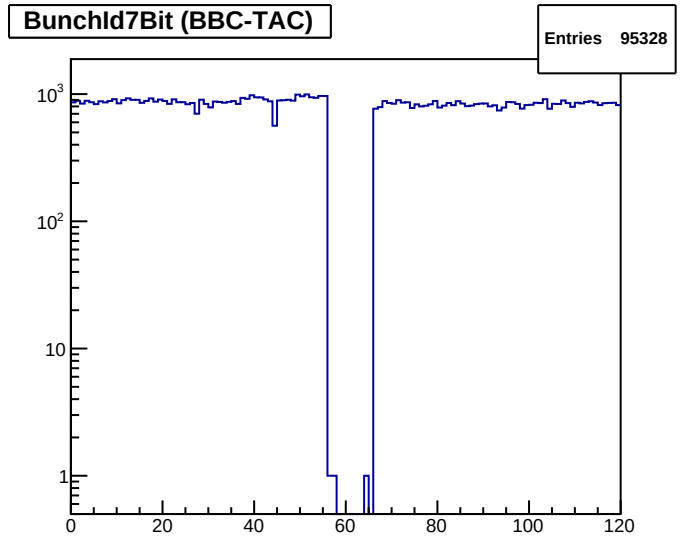
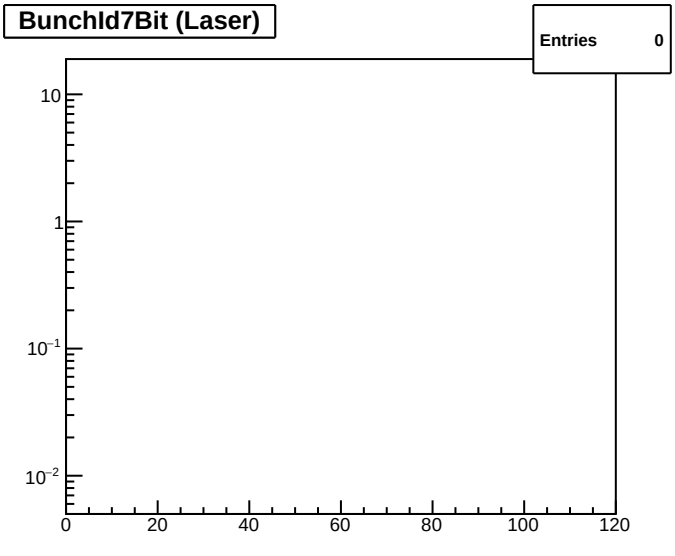
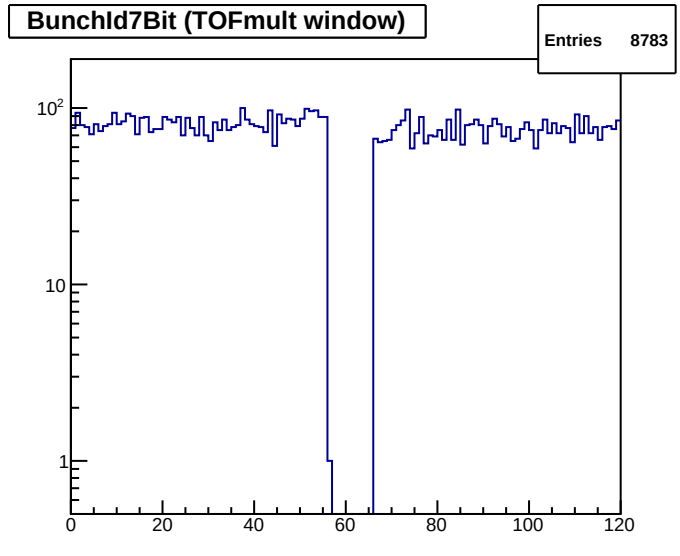

BunchId7Bit (VPD-TAC)
Entries 131776

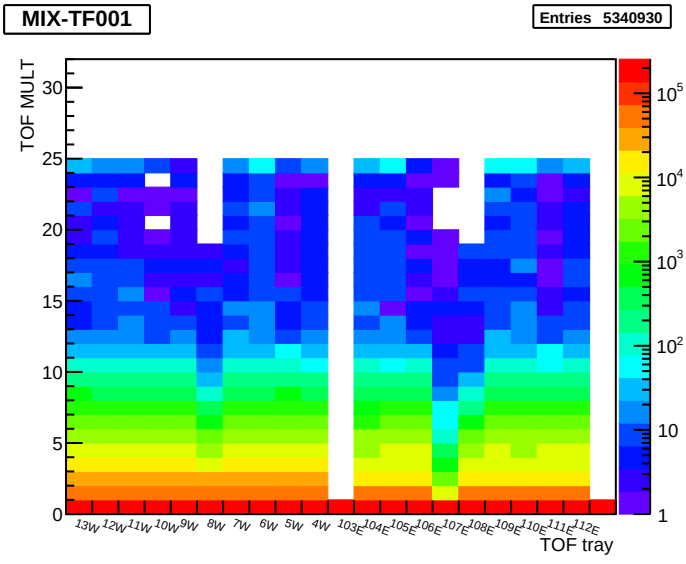

BunchId7Bit (ZDC-TAC)
Entries 515

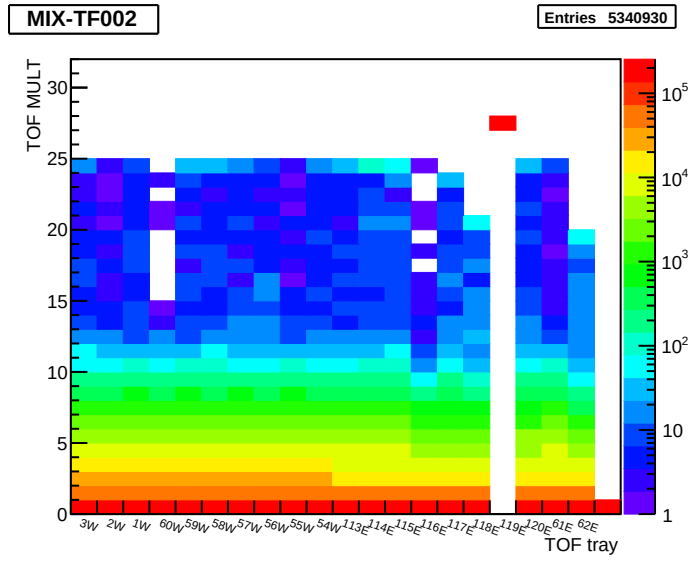

BunchId7Bit (EPD-TAC)
Entries 197264

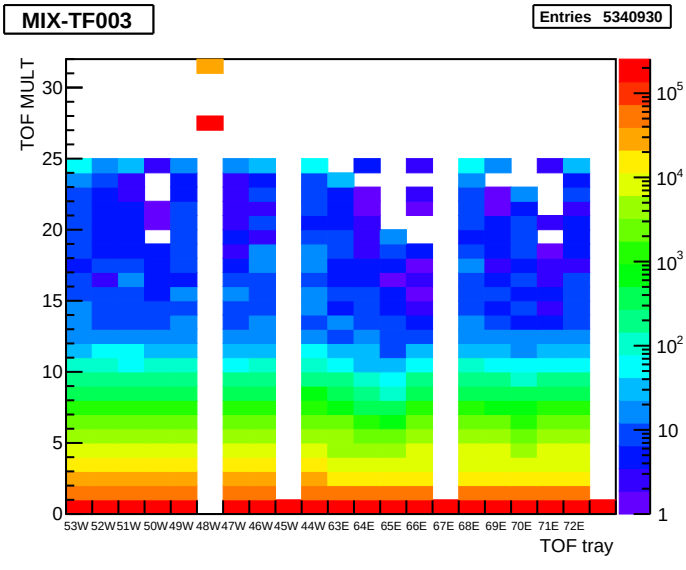

BunchId7Bit (BBC-TAC)
Entries 95328

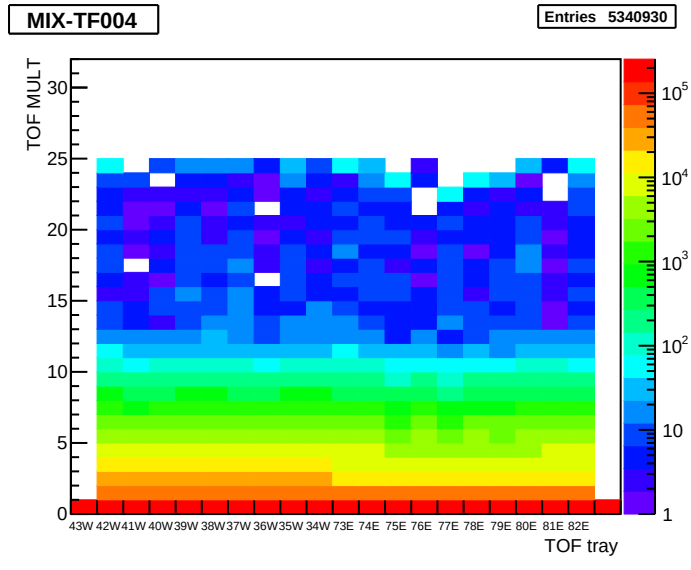

BunchId7Bit (Laser)
Entries 0

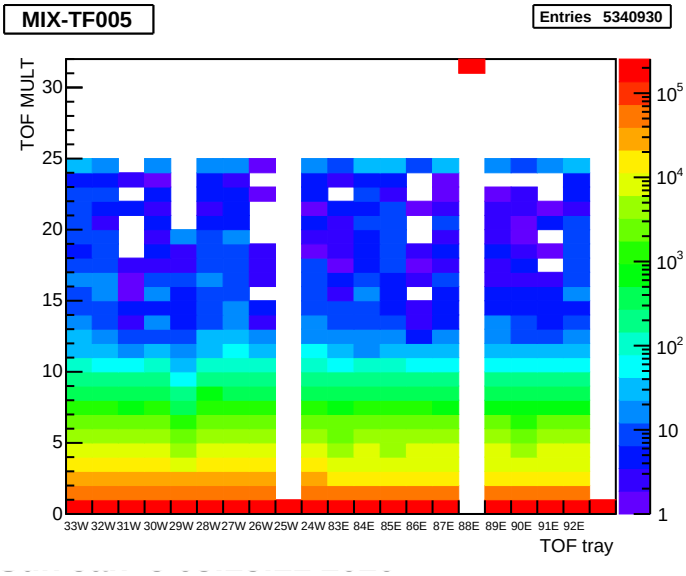

BunchId7Bit (TOFmult window)
Entries 8783

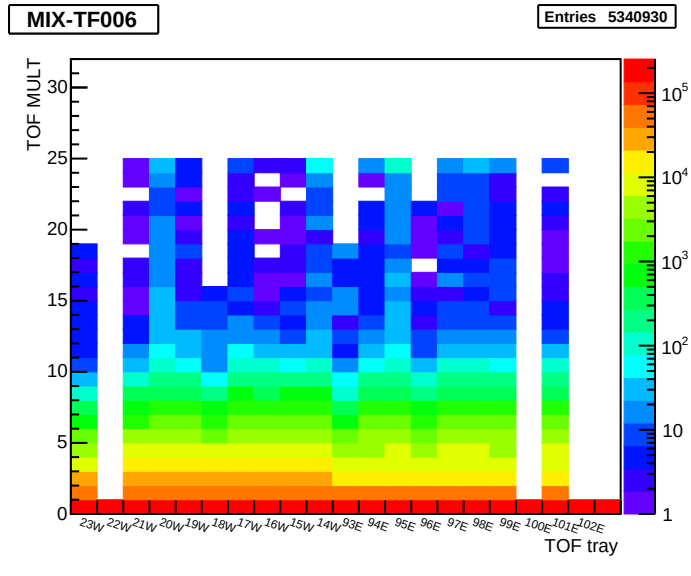

MIX-TF001
Entries 5340930
TOF MULT
TOF tray

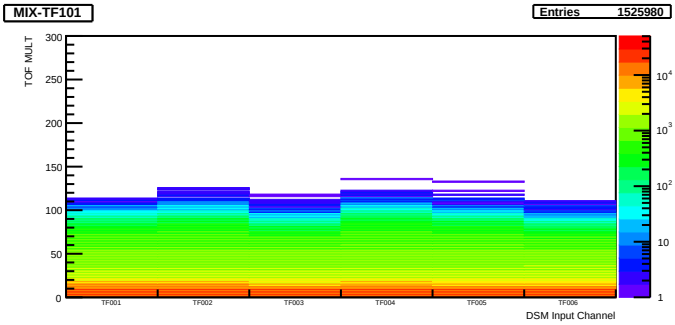

MIX-TF002
Entries 5340930
TOF MULT
TOF tray

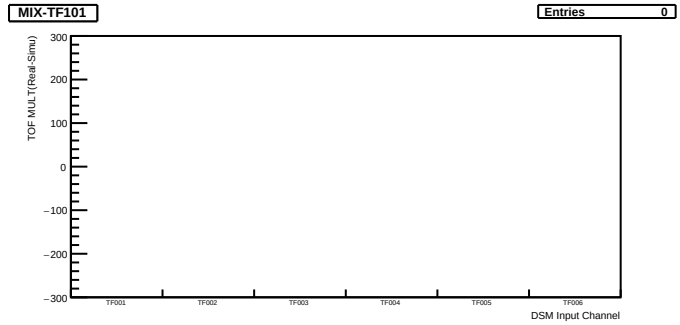

MIX-TF003
Entries 5340930
TOF MULT
TOF tray

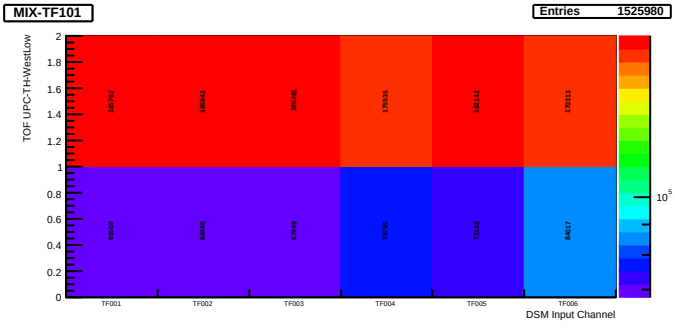

MIX-TF004
Entries 5340930
TOF MULT
TOF tray

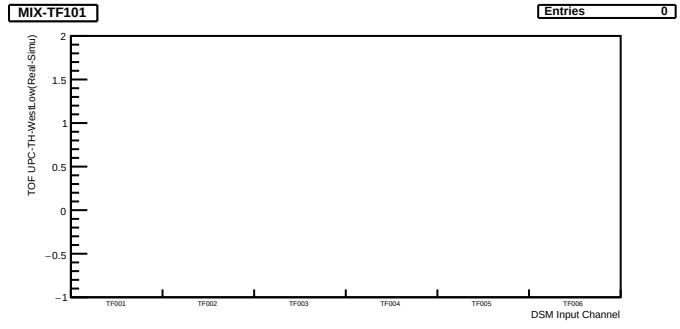

MIX-TF005
Entries 5340930
TOF MULT
TOF tray

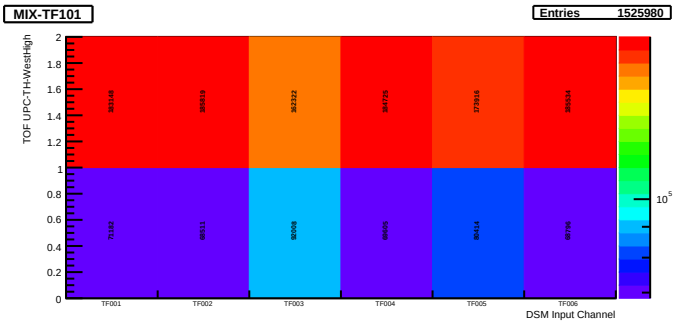

MIX-TF006
Entries 5340930
TOF MULT
TOF tray

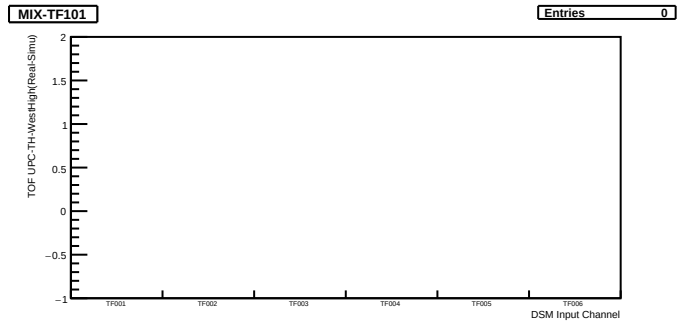

MIX-TF101
Entries 1525980
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

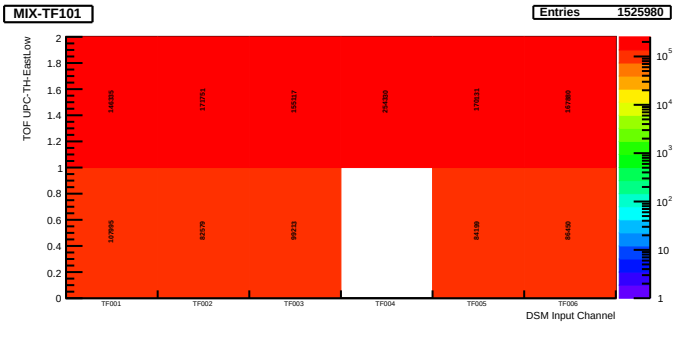

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

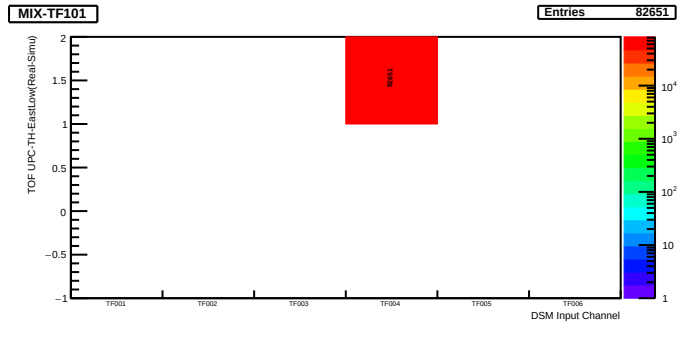

MIX-TF101
Entries 1525980
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

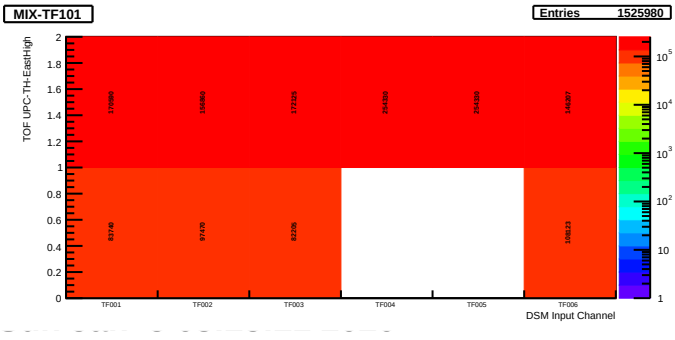

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

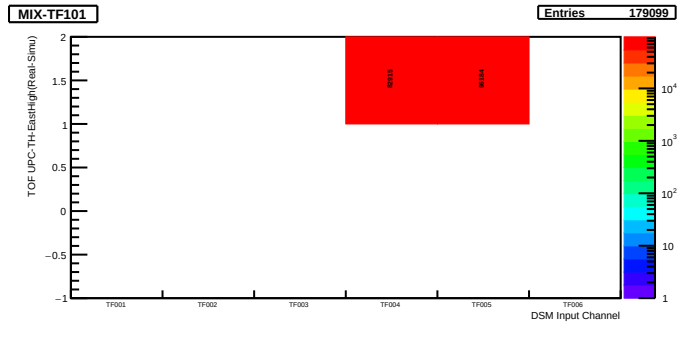

MIX-TF101
Entries 1525980
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

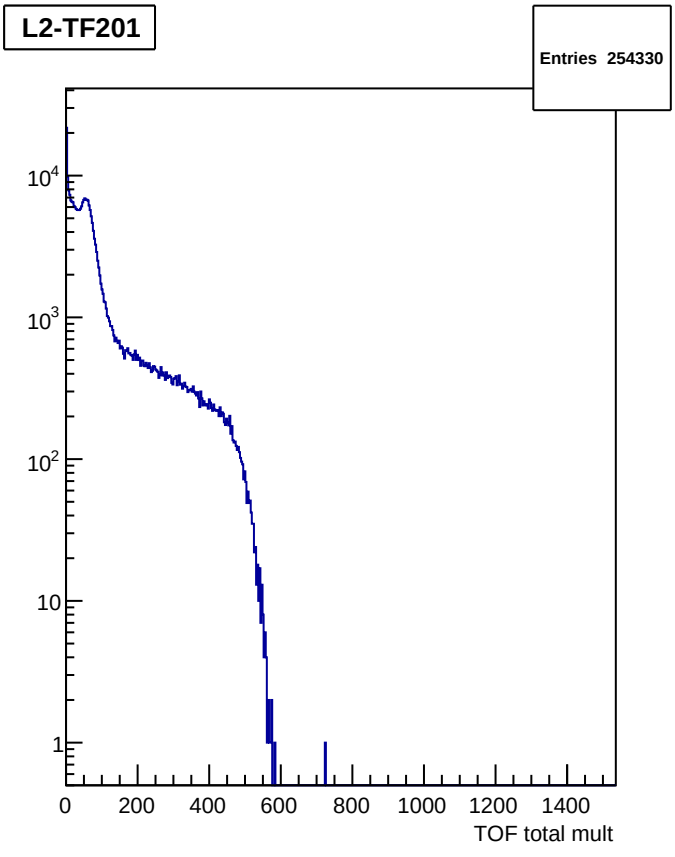

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

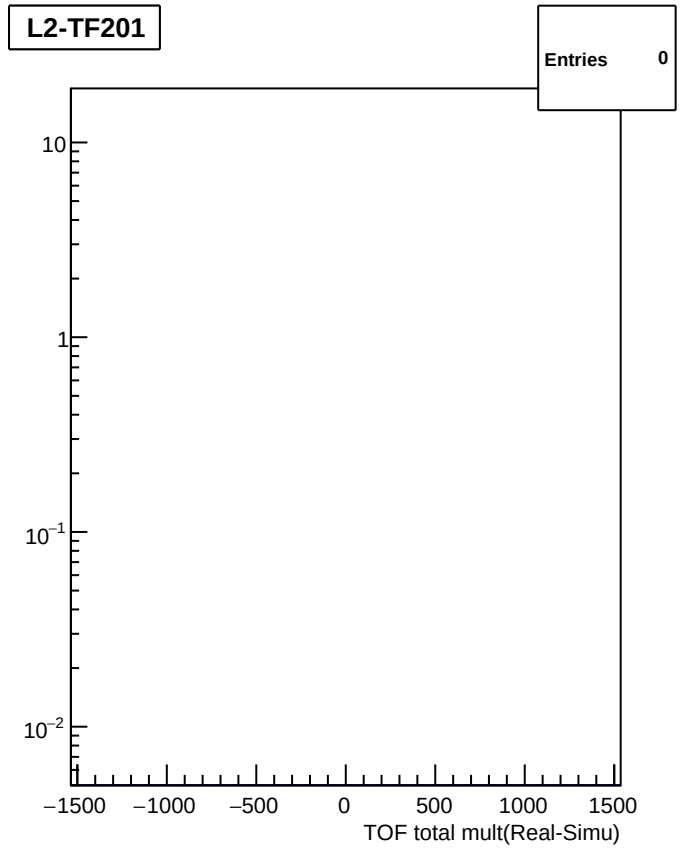

MIX-TF101
Entries 1525980
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

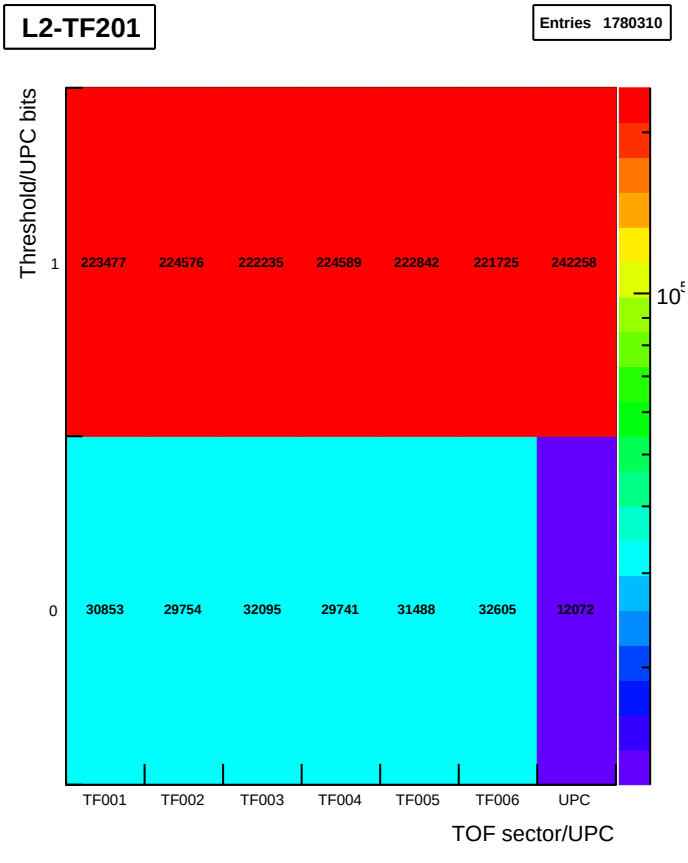

MIX-TF101
Entries 82651
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

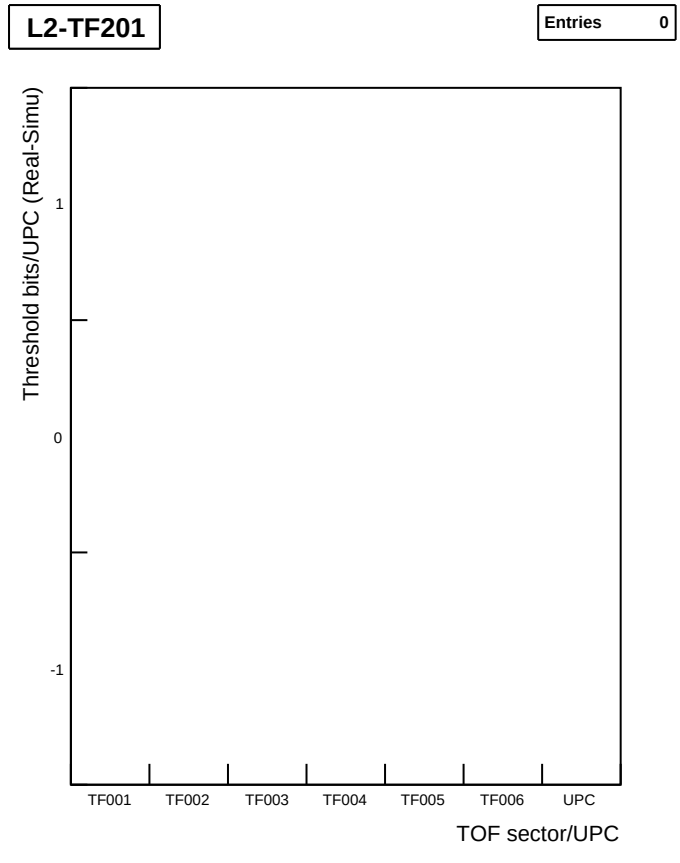

MIX-TF101
Entries 1525980
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

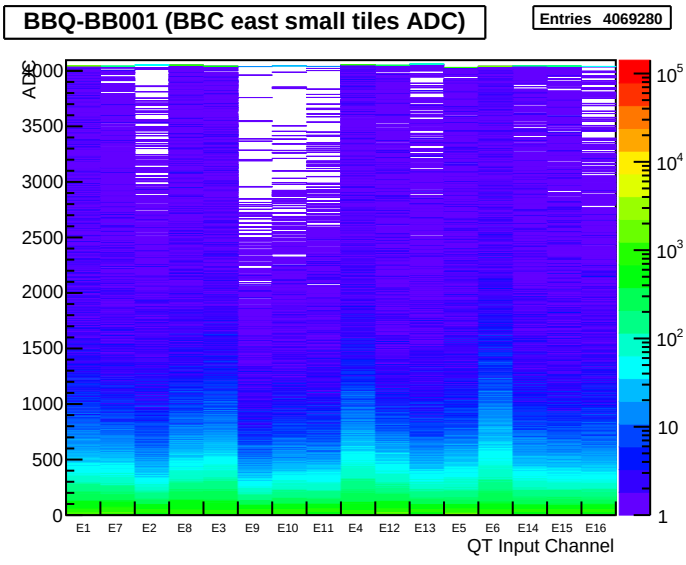

MIX-TF101
Entries 179099
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

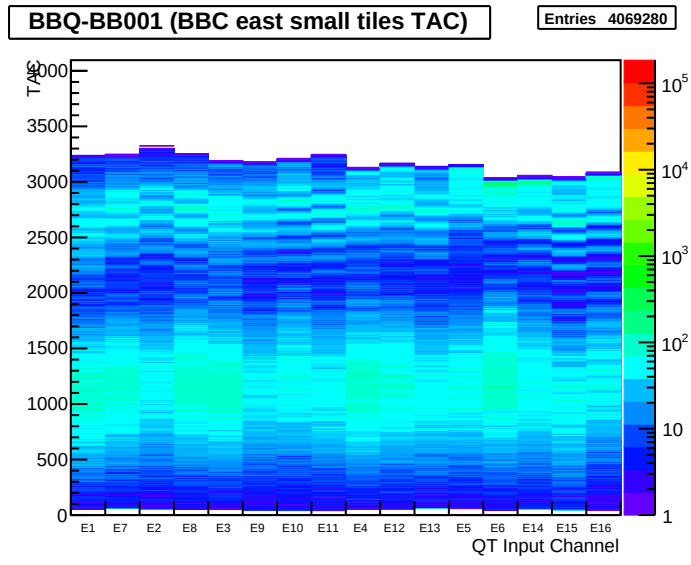

L2-TF201
Entries 254330
TOF total mult

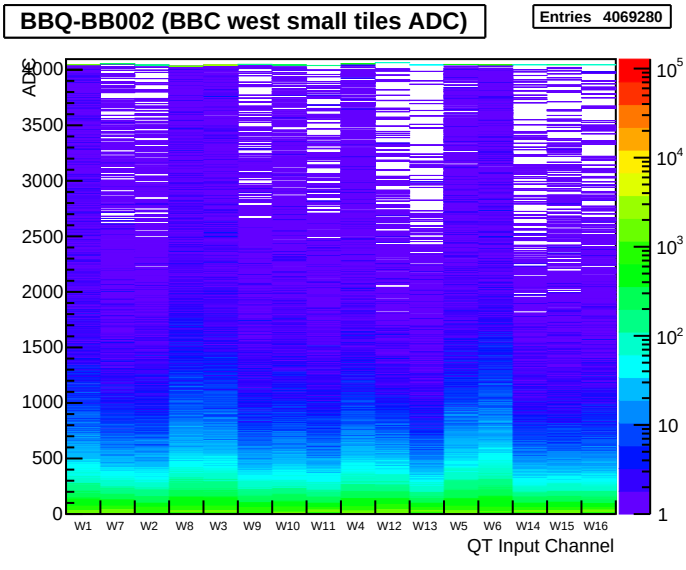

L2-TF201
Entries 0
TOF total mult(Real-Simu)

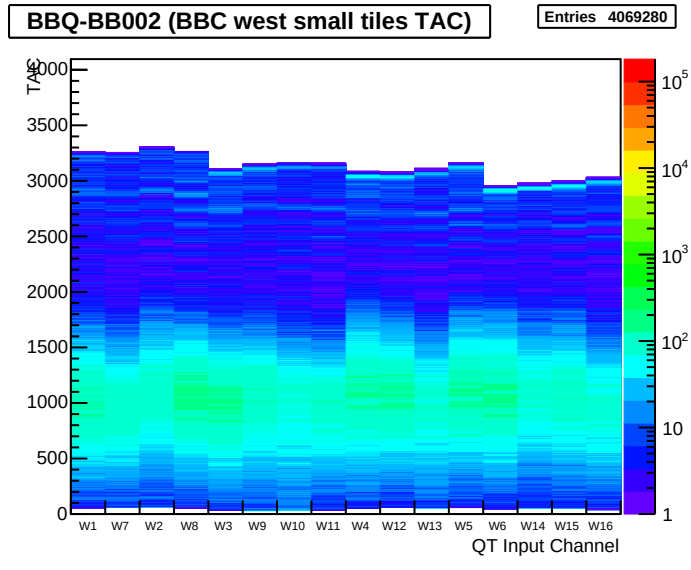

L2-TF201
Entries 1780310
Threshold/UPC bits
223477
224576
222235
224589
222842
221725
242258
30853
29754
32095
29741
31488
32605
12072
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

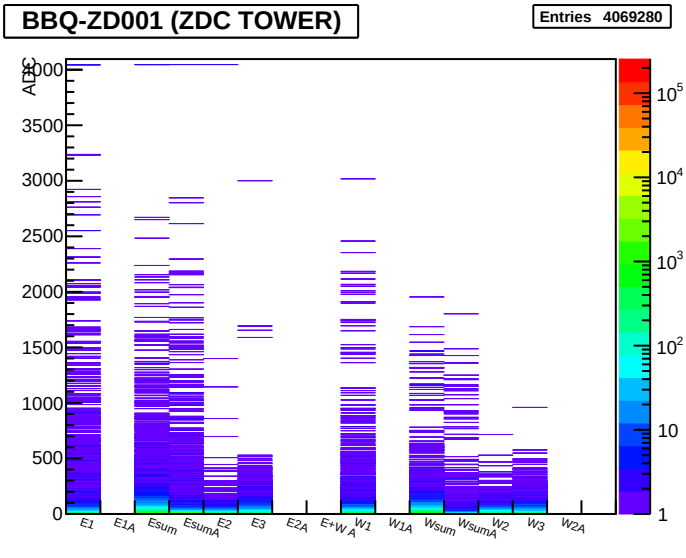

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

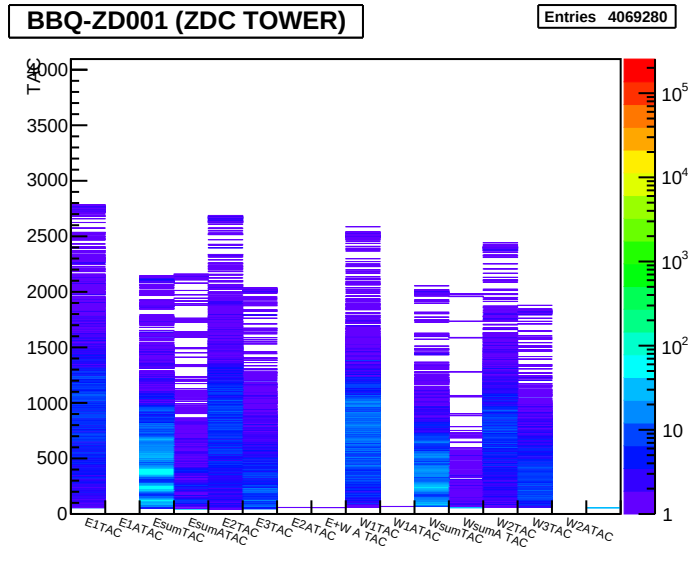

BBQ-BB001 (BBC east small tiles ADC)
Entries 4069280
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

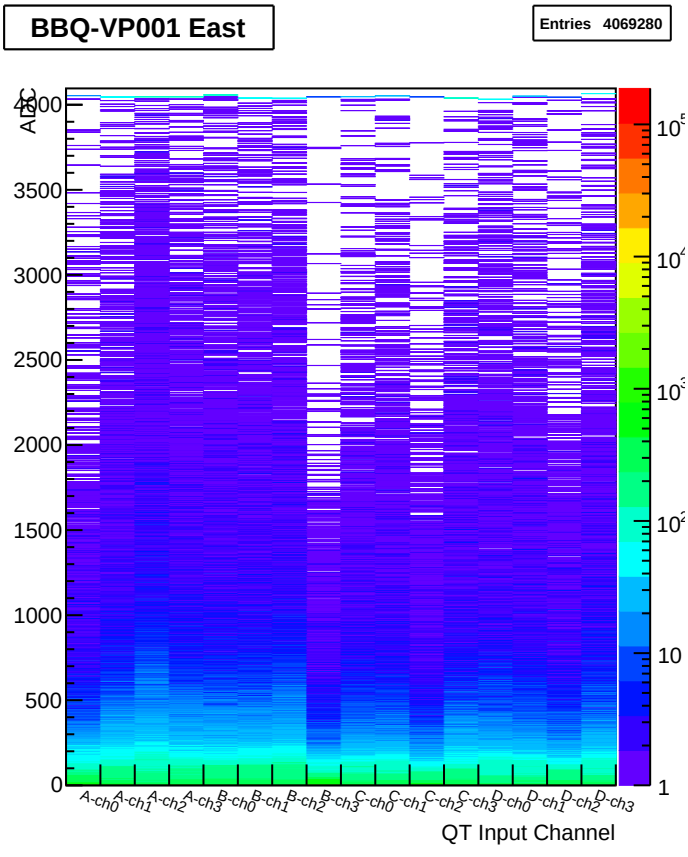

BBQ-BB001 (BBC east small tiles TAC)
Entries 4069280
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

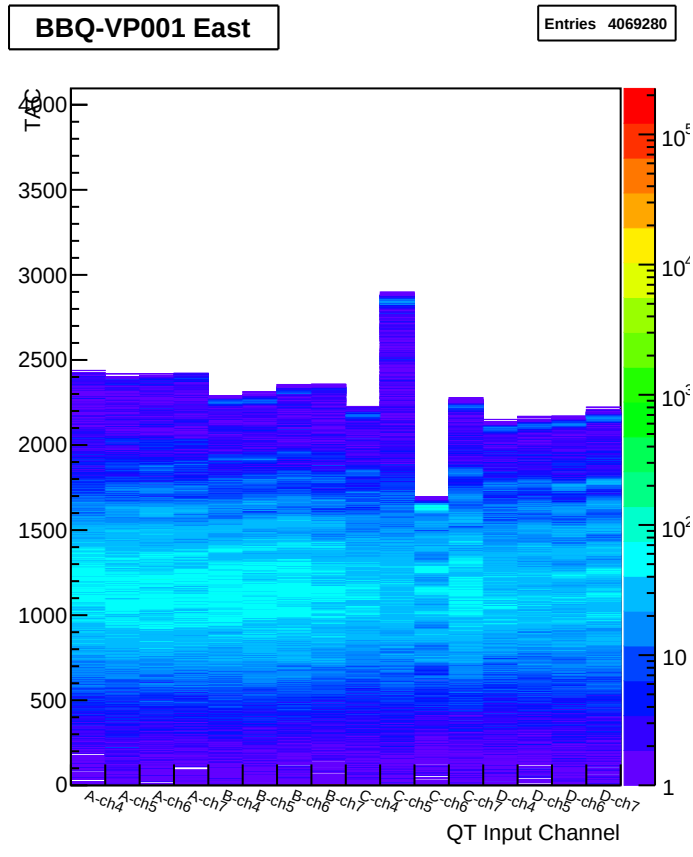

BBQ-BB002 (BBC west small tiles ADC)
Entries 4069280
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

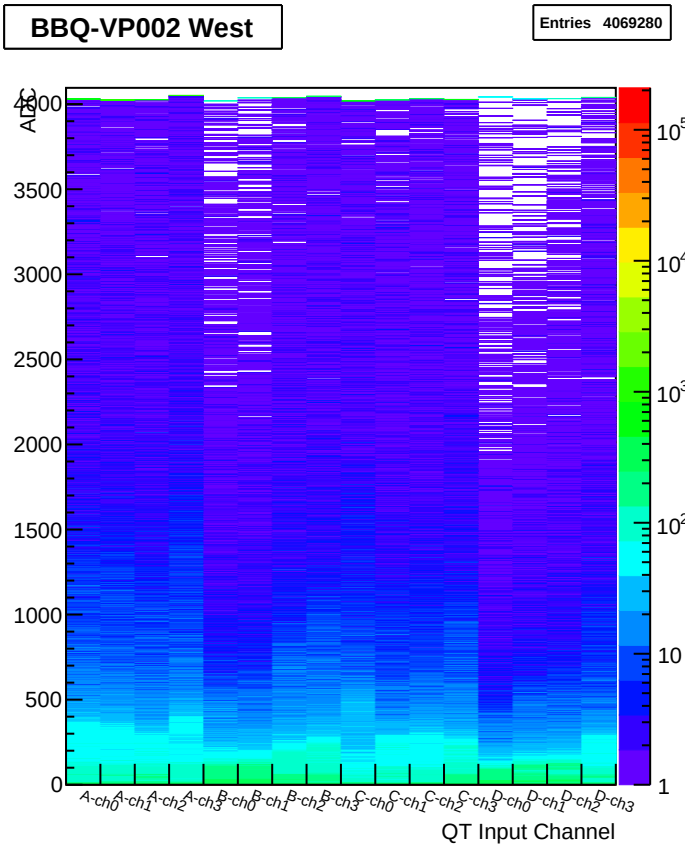

BBQ-BB002 (BBC west small tiles TAC)
Entries 4069280
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

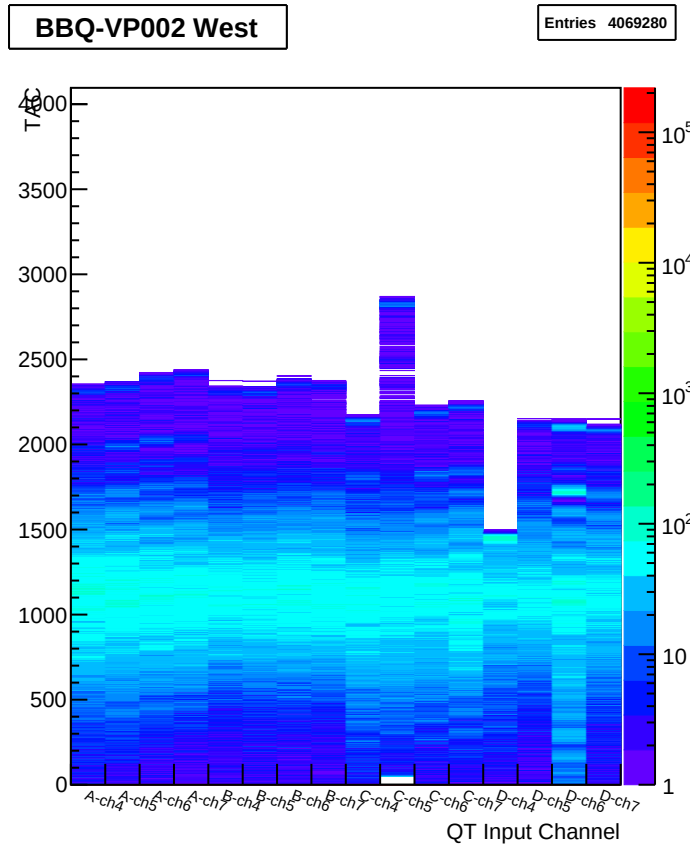

BBQ-ZD001 (ZDC TOWER)
Entries 4069280
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

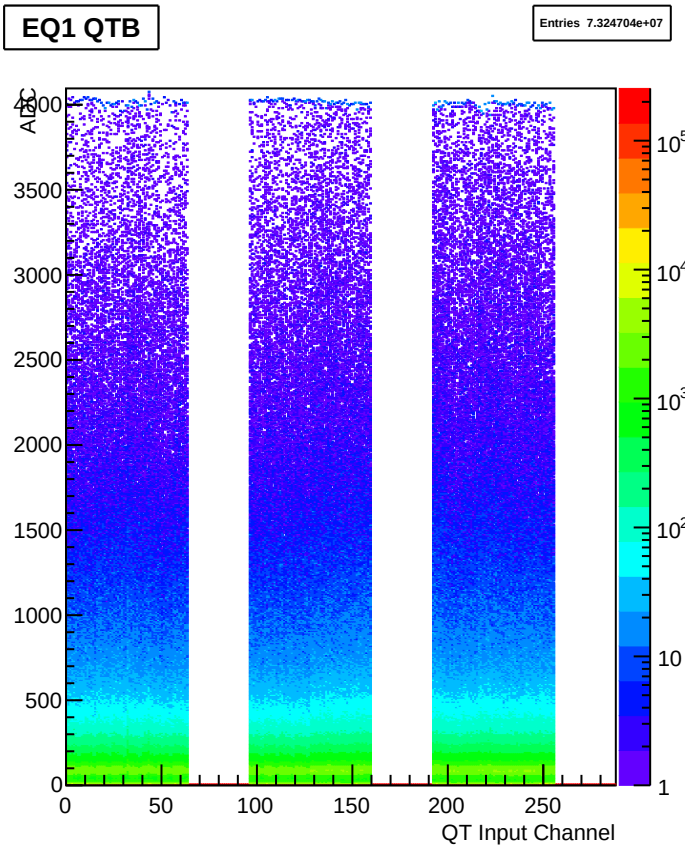

BBQ-ZD001 (ZDC TOWER)
Entries 4069280
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

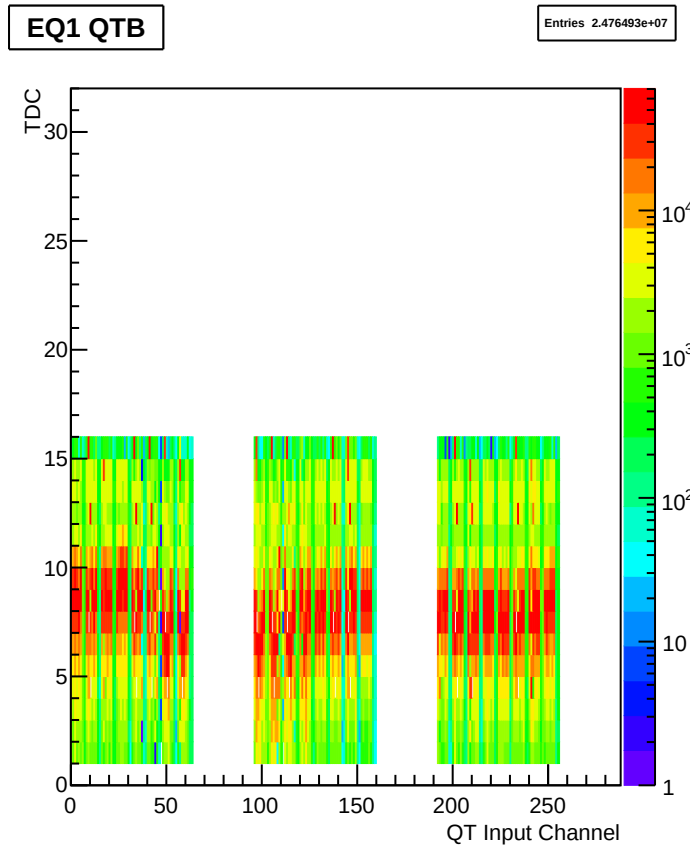

BBQ-VP001 East
Entries 4069280
ADC
QT Input Channel

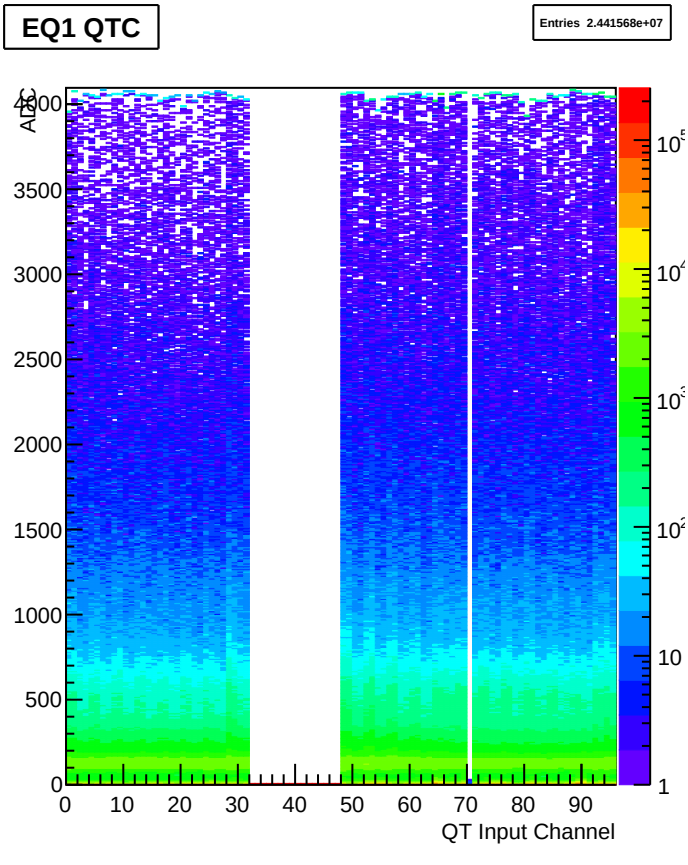

BBQ-VP001 East
Entries 4069280
TADC
QT Input Channel

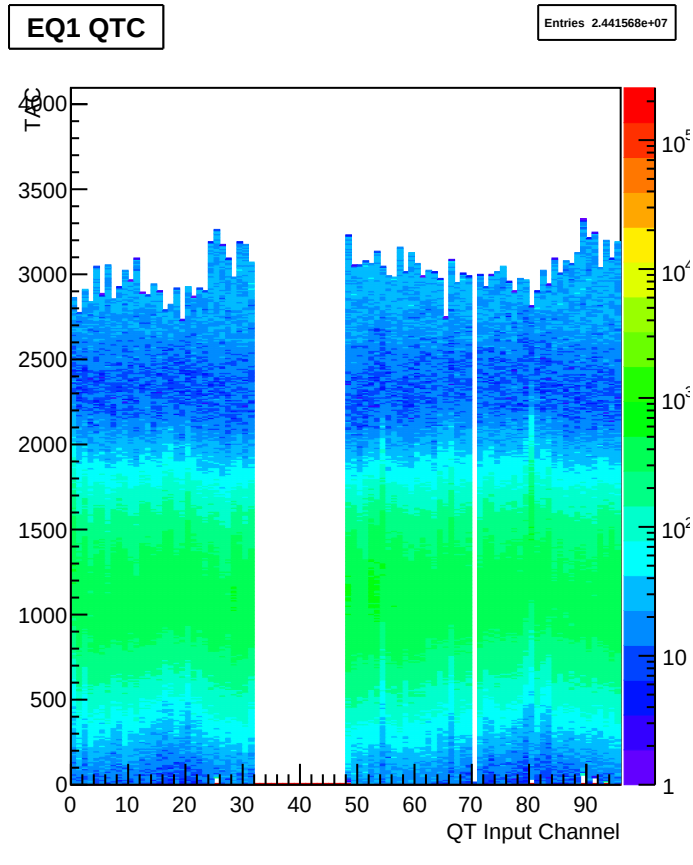

BBQ-VP002 West
Entries 4069280
ADC
QT Input Channel

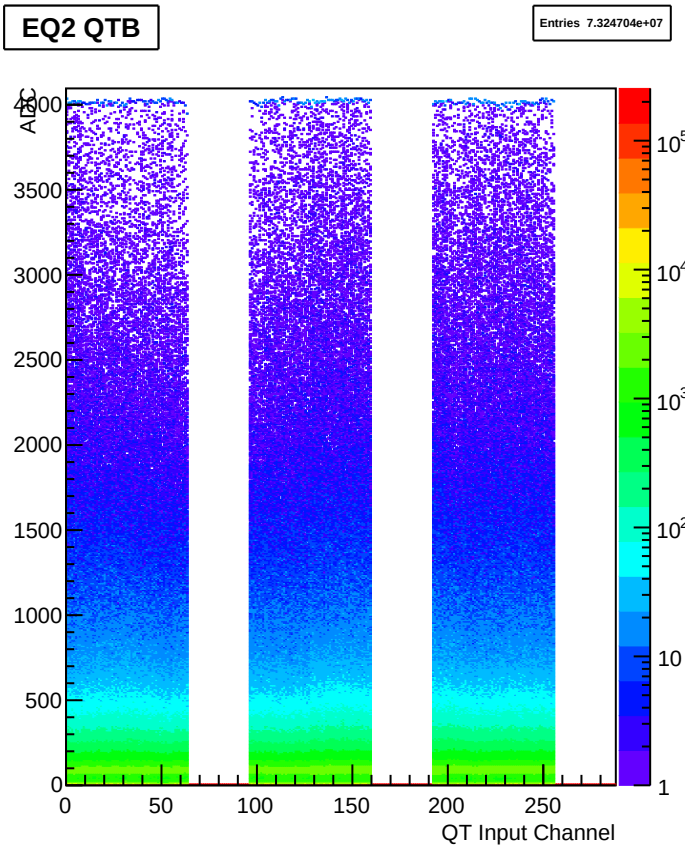

BBQ-VP002 West
Entries 4069280
TADC
QT Input Channel

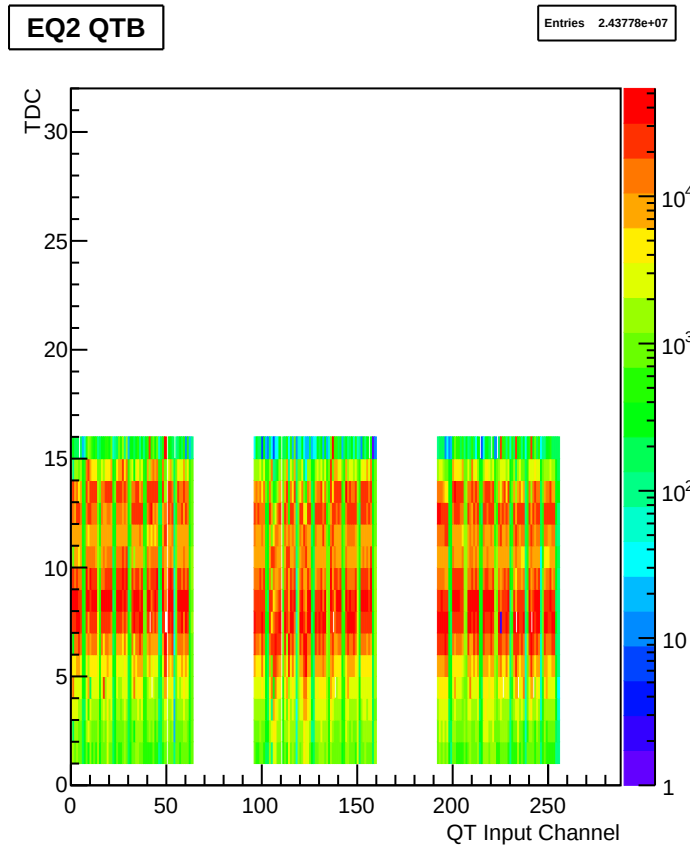

EQ1 QTB
Entries 7.324704e+07
ADC
QT Input Channel

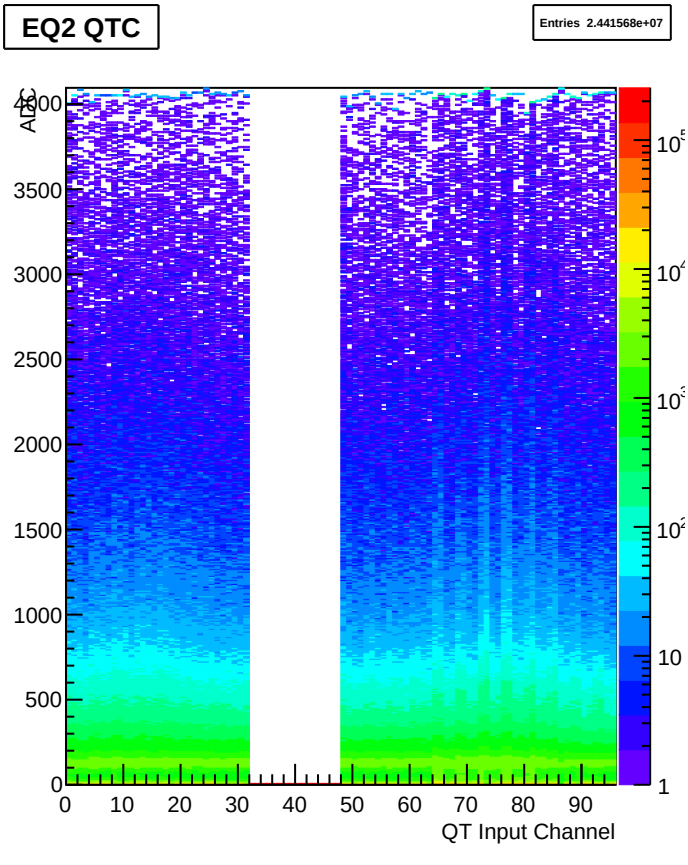

EQ1 QTB
Entries 2.476493e+07
TDC
QT Input Channel

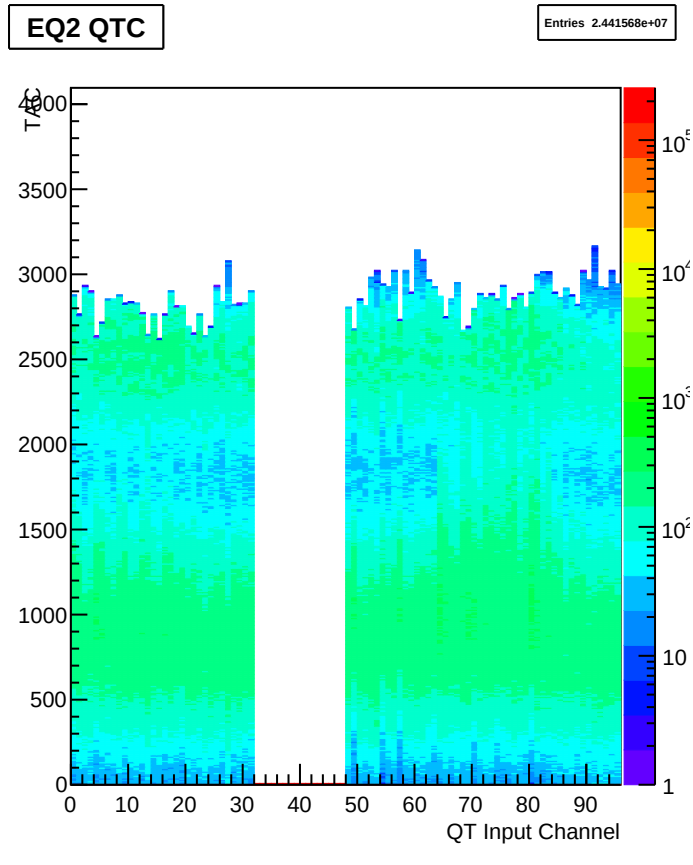

EQ1 QTC
Entries 2.441568e+07
ADC
QT Input Channel

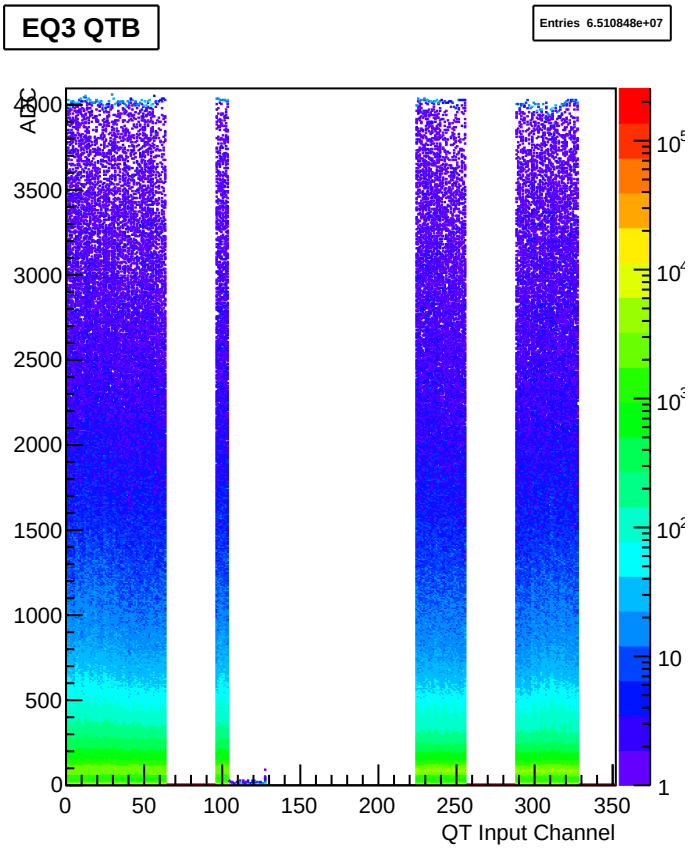

EQ1 QTC
Entries 2.441568e+07
TADC
QT Input Channel

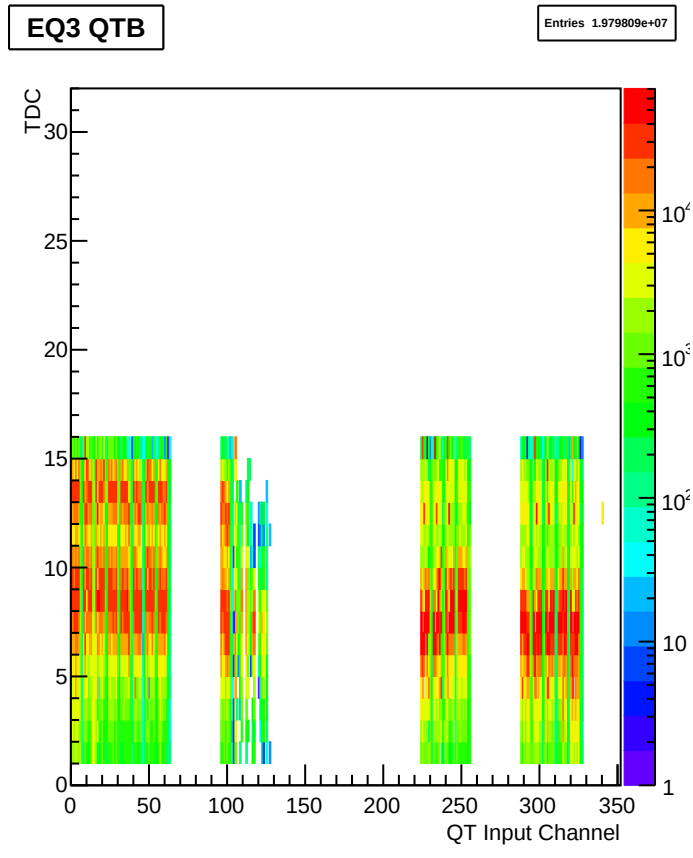

EQ2 QTB
Entries 7.324704e+07
ADC
QT Input Channel

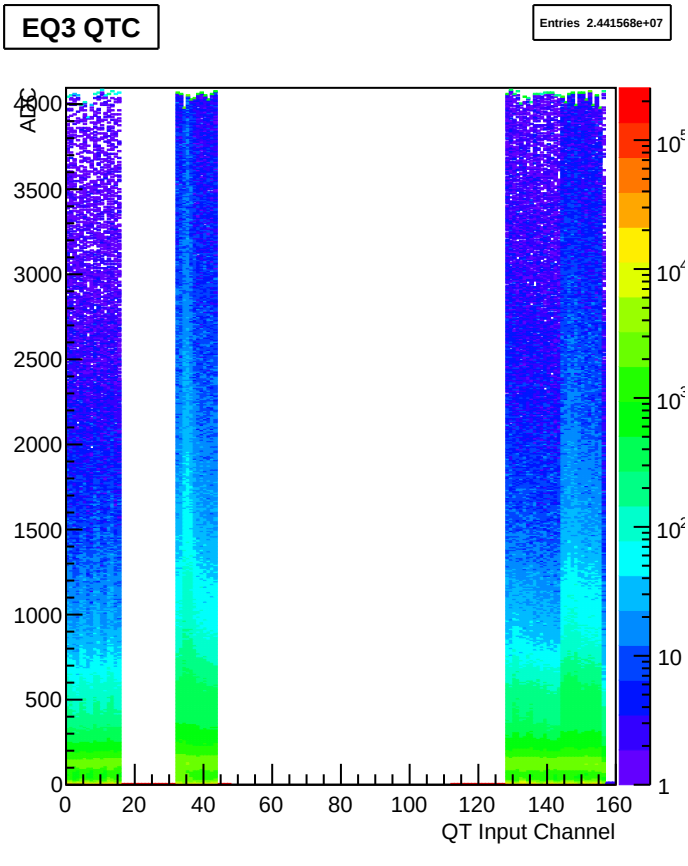

EQ2 QTB
Entries 2.43778e+07
TDC
QT Input Channel

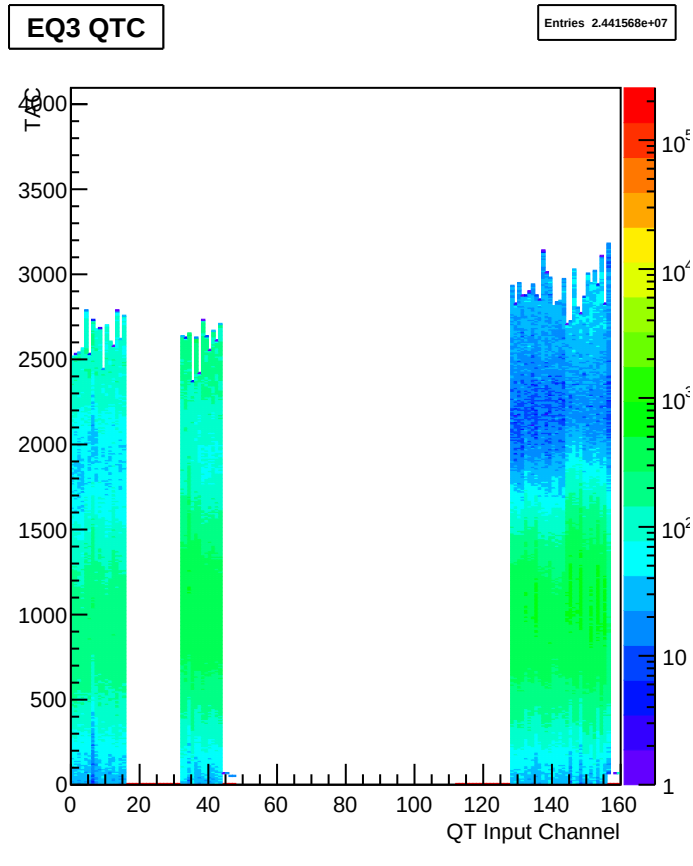

EQ2 QTC
Entries 2.441568e+07
ADC
QT Input Channel

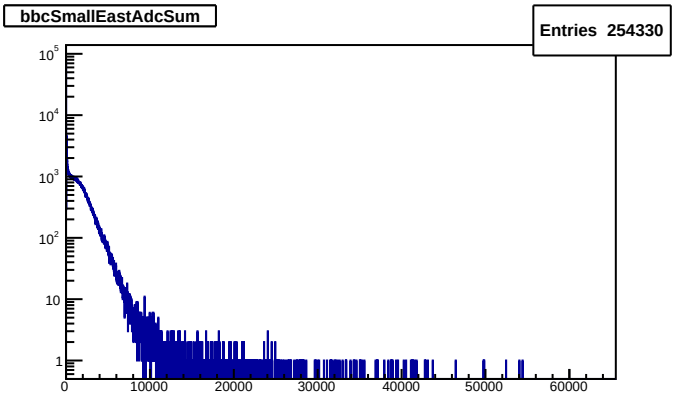

EQ2 QTC
Entries 2.441568e+07
TADC
QT Input Channel

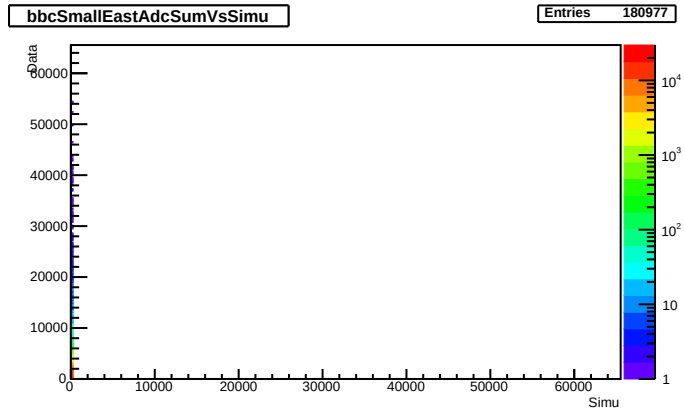

EQ3 QTB
Entries 6.510848e+07
ADC
QT Input Channel

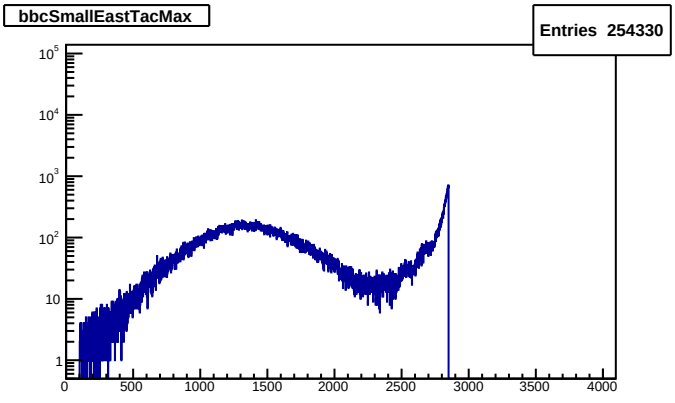

EQ3 QTB
Entries 1.979809e+07
TDC
QT Input Channel

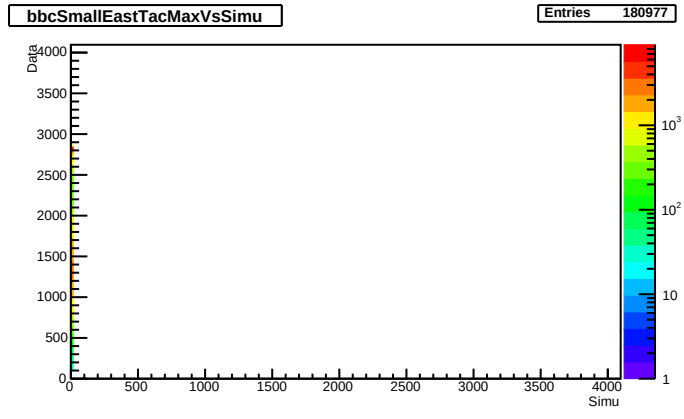

EQ3 QTC
Entries 2.441568e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.441568e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 254330


bbcSmallEastAdcSumVsSimu
Entries 180977
Data
Simu


bbcSmallEastTacMax
Entries 254330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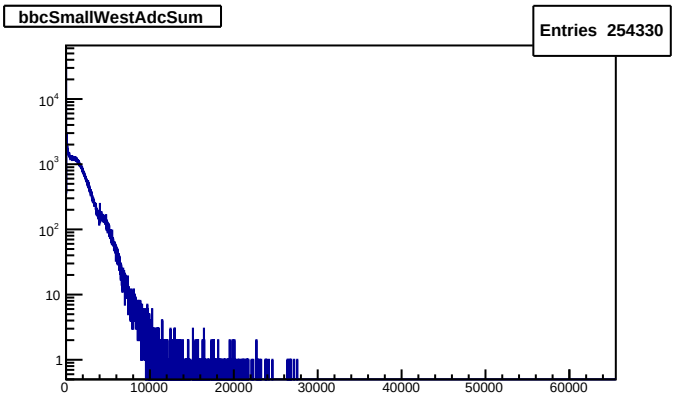
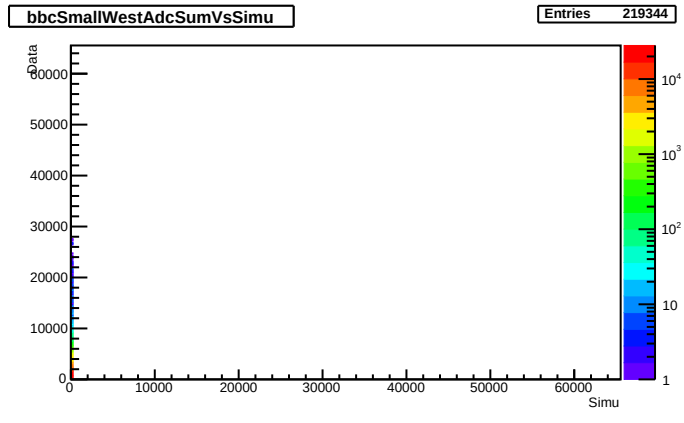
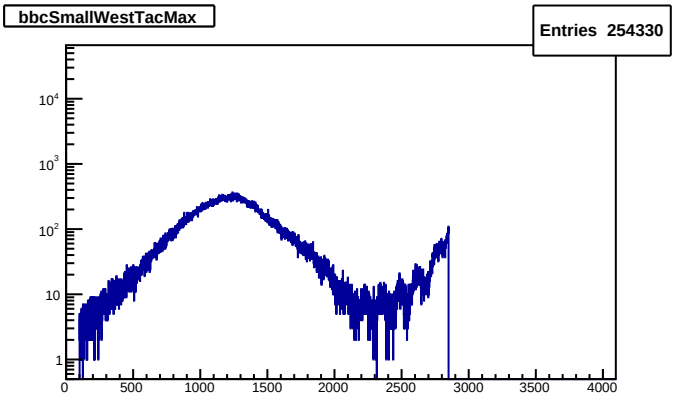
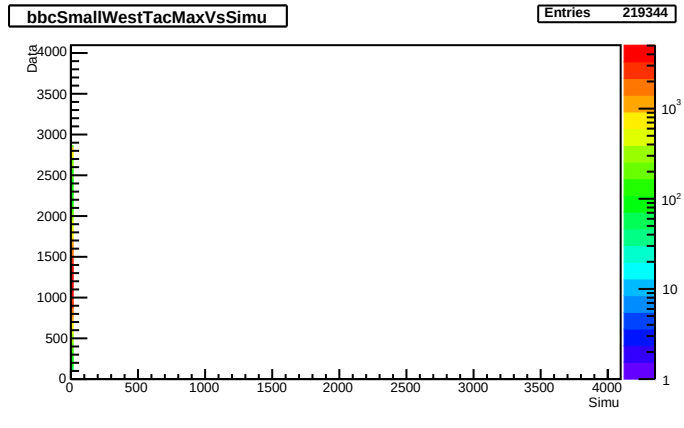
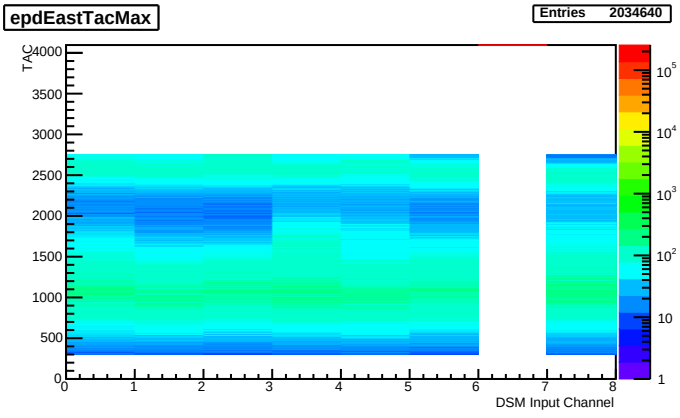
Entries 180977
Data
Simu

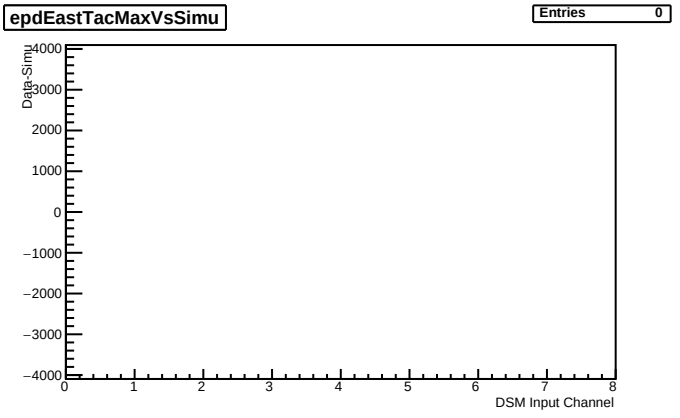

bbcSmallWestAdcSum
Entries 254330

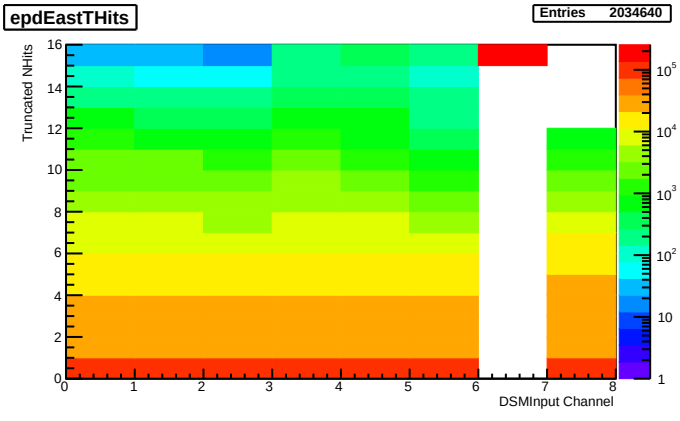

bbcSmallWestAdcSumVsSimu
Entries 219344
Data
Simu

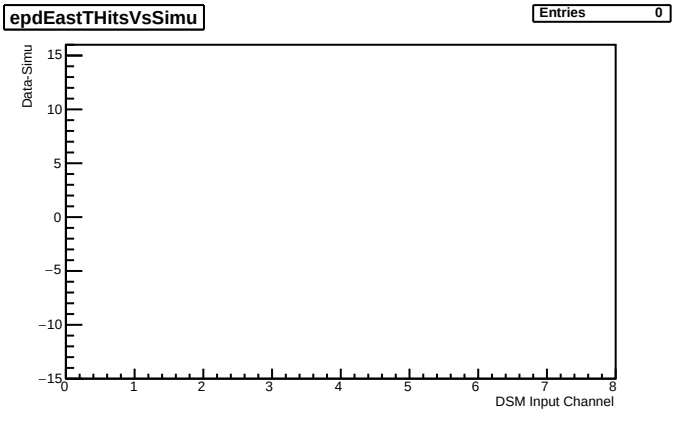

bbcSmallWestTacMax
Entries 254330


bbcSmallWestTacMaxVsSimu
Entries 219344
Data
Simu


epdEastTacMax
Entries 2034640
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2034640
Truncated NHits
DSMInput Channel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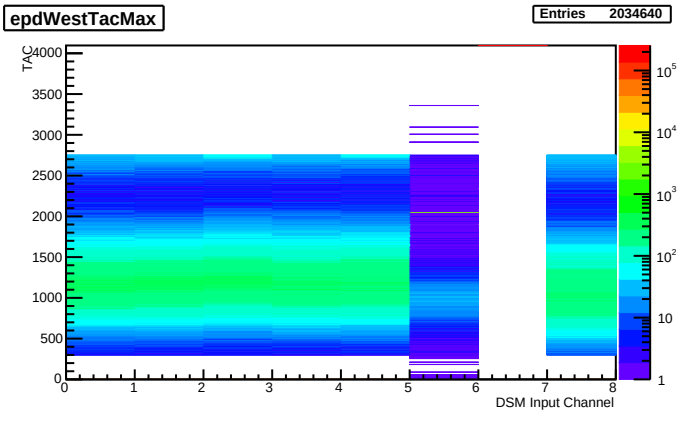
Data-Simu
DSM Input Channel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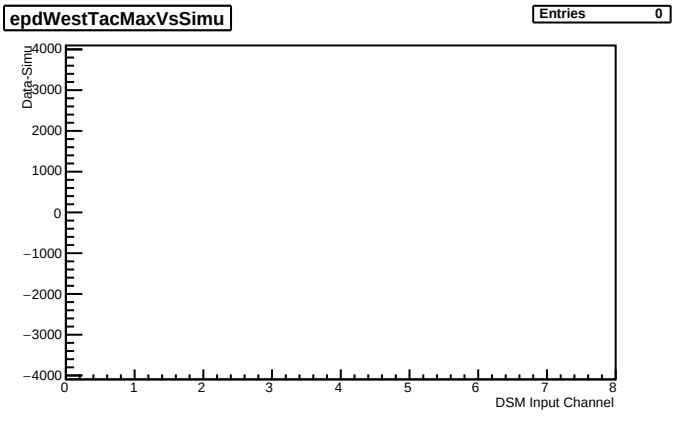
Entries 2034640
TAC
DSM Input Channel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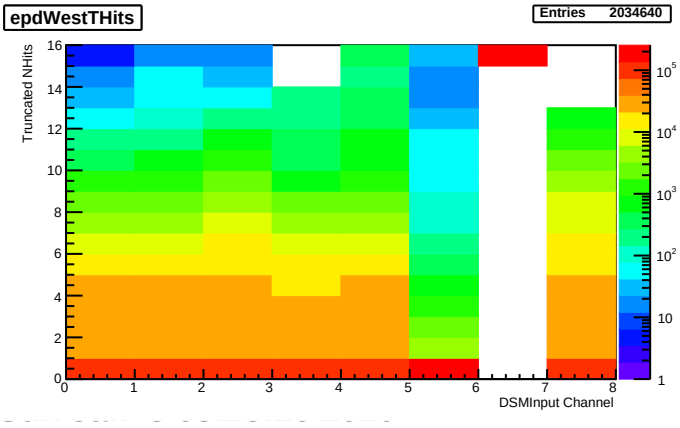
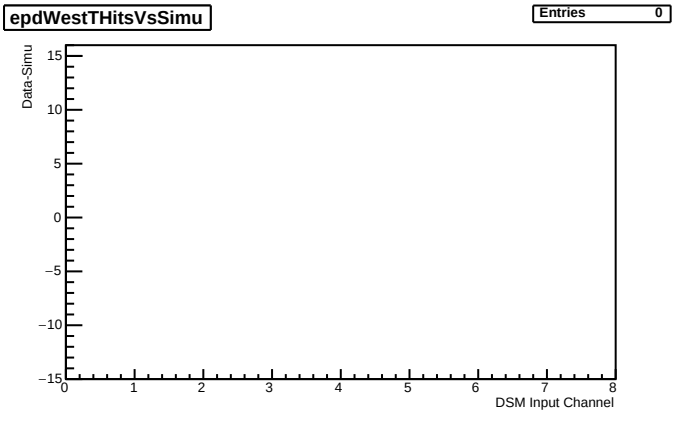
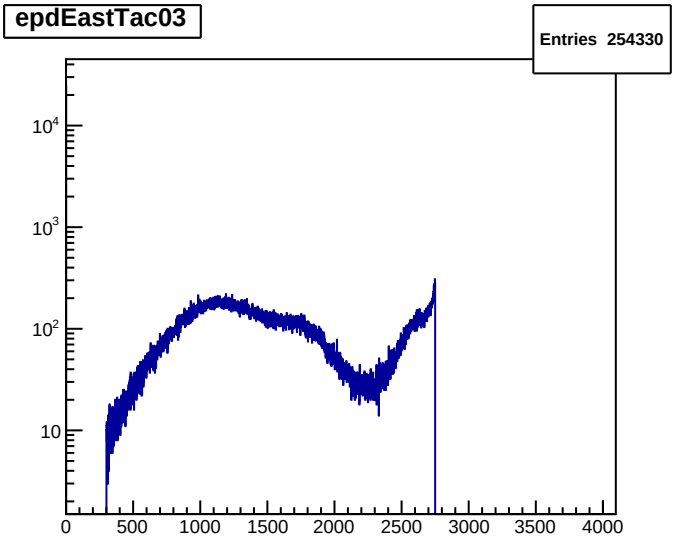
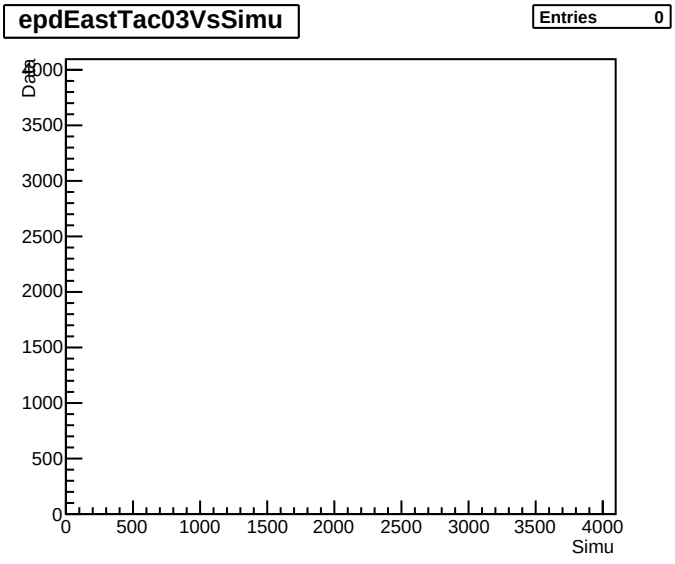
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2034640
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 254330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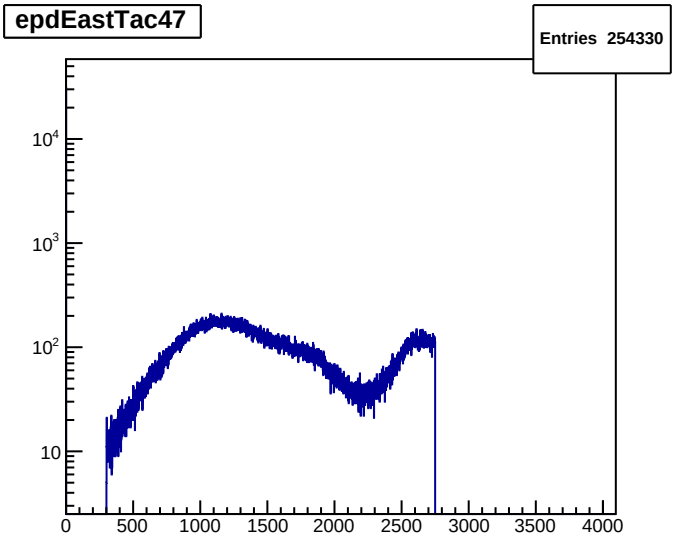
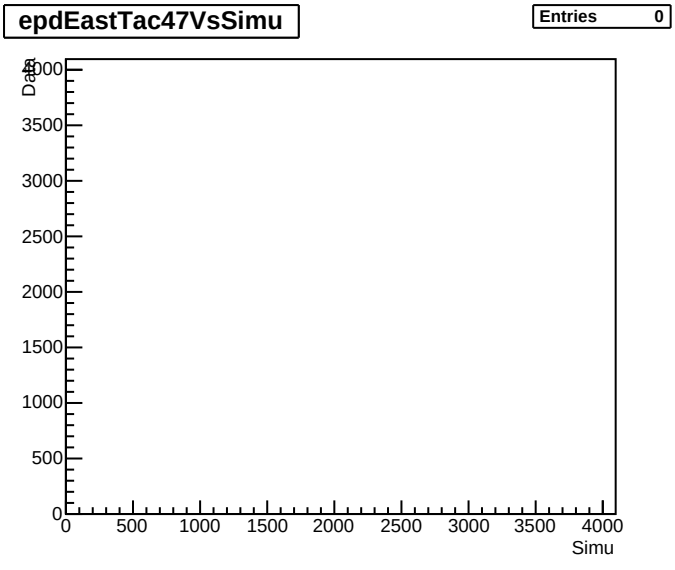
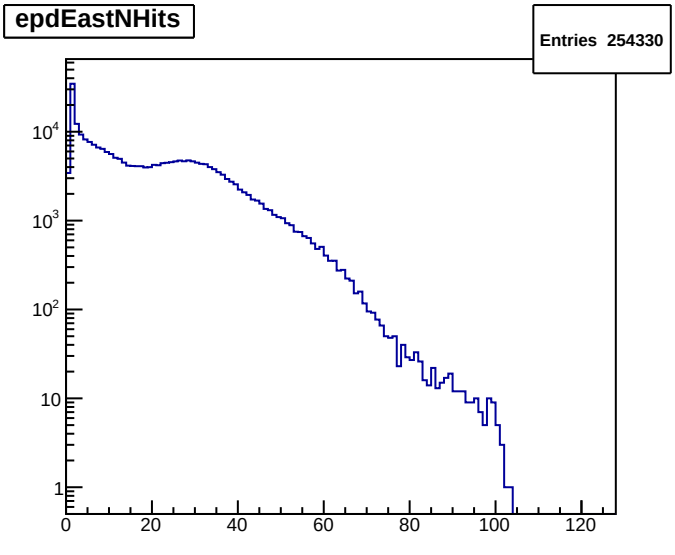
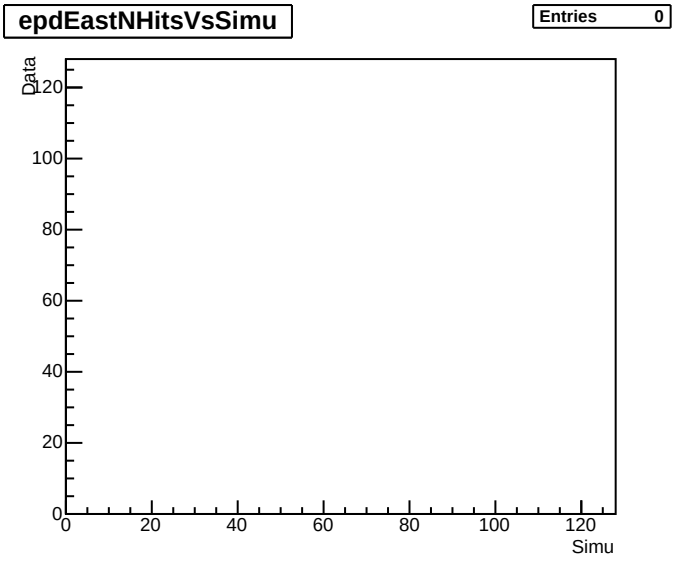
Entries 0
Data
Simu


epdEastTac47
Entries 254330


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 254330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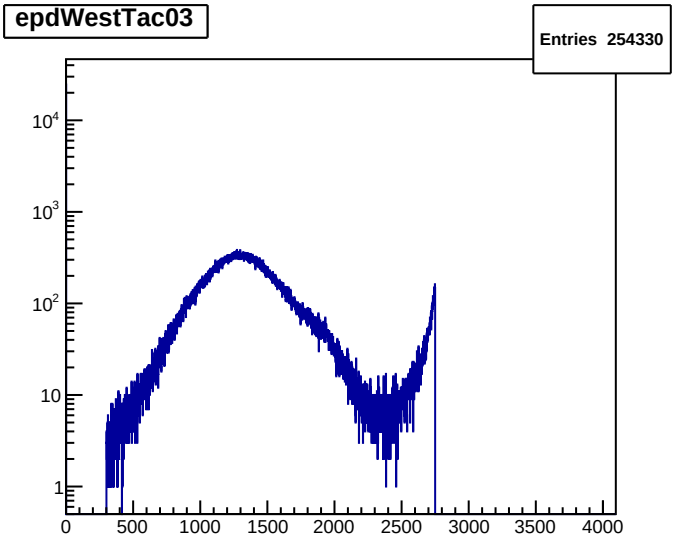
Entries 0
Data
Simu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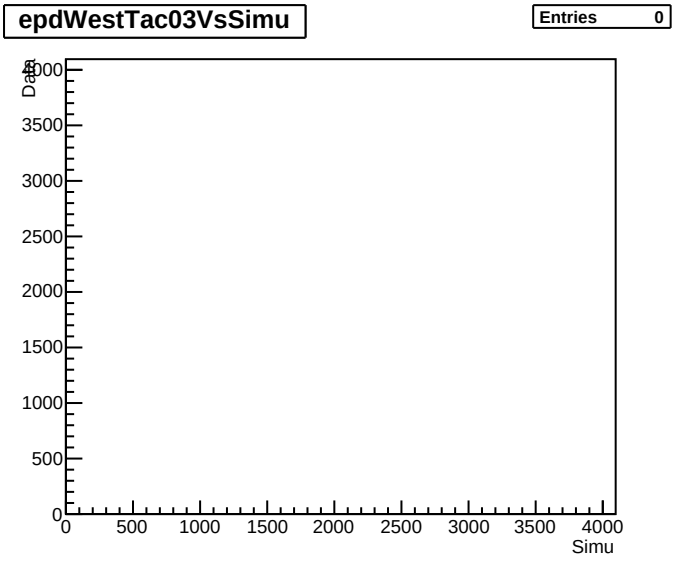
Entries 254330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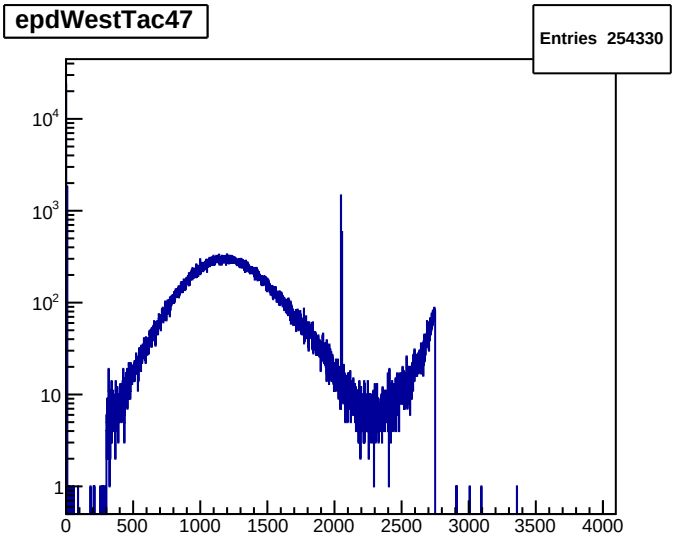
Entries 0
Data
Simu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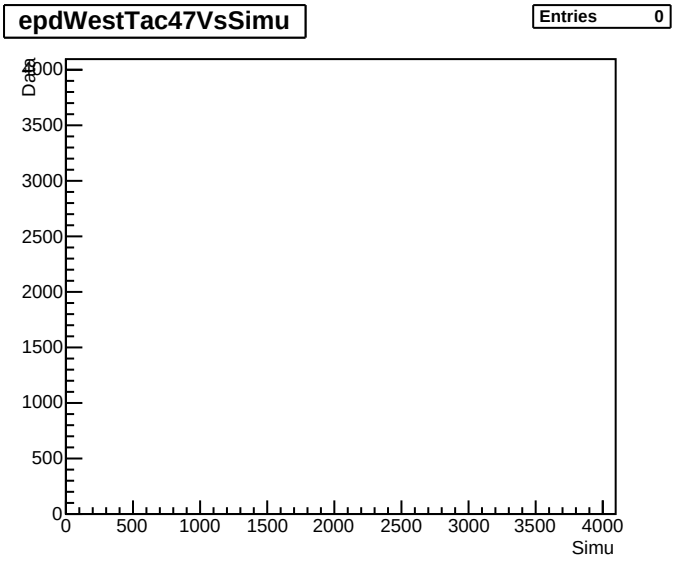
Entries 254330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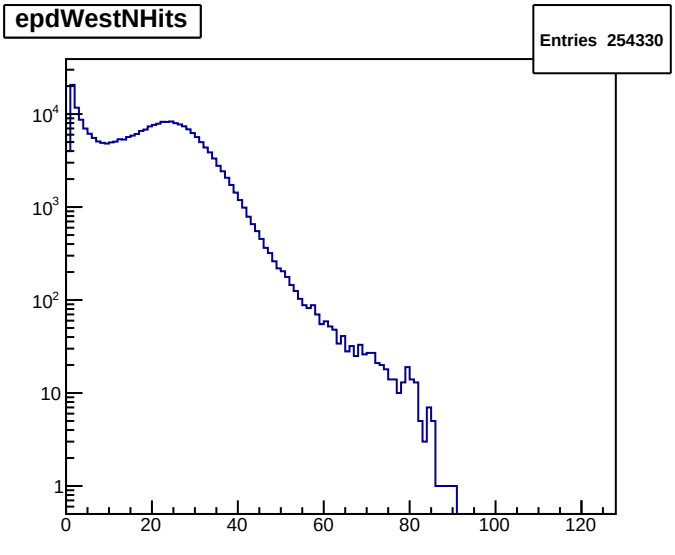
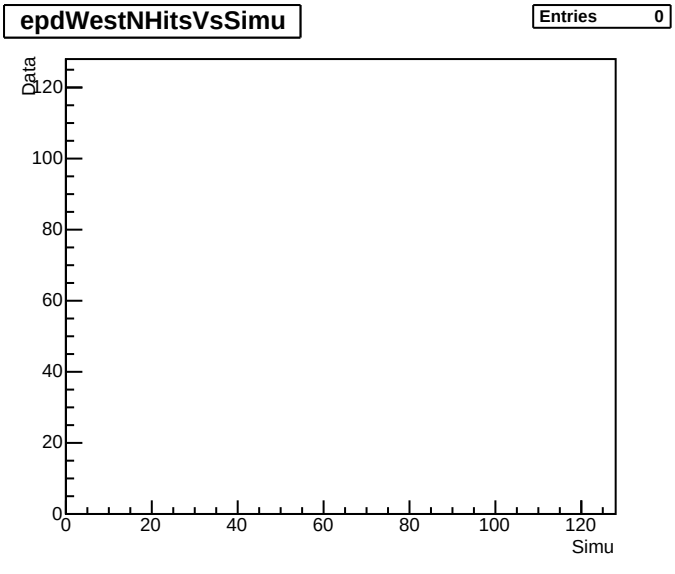
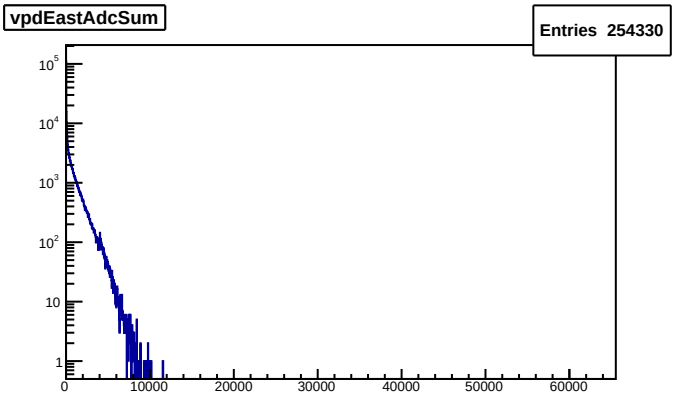
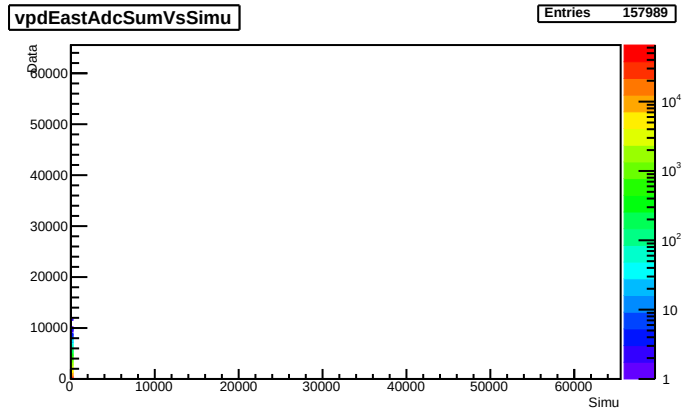
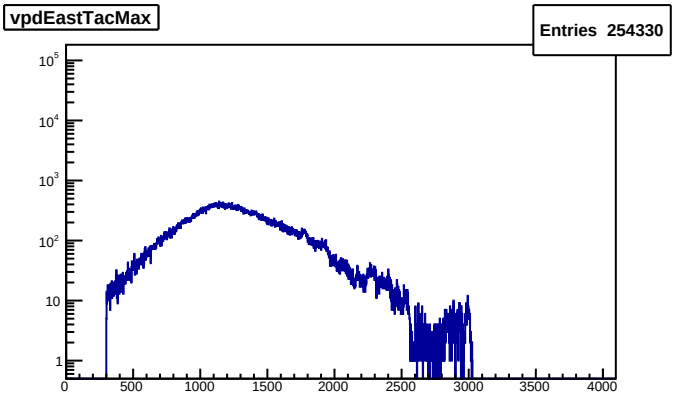
Entries 0
Data
Simu

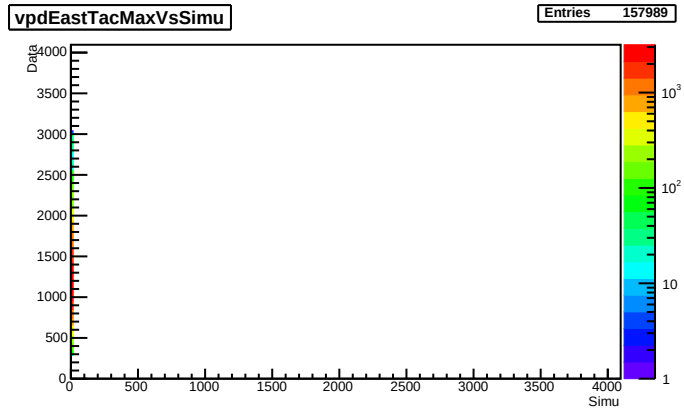

epdWestNHits
Entries 254330

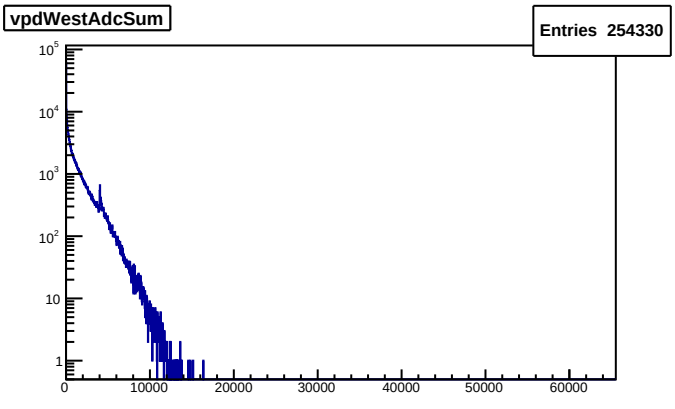

epdWestNHitsVsSimu
Entries 0
Data
Simu

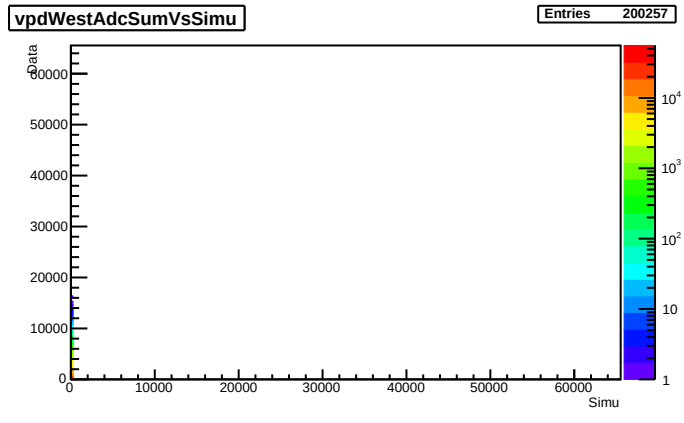

vpdEastAdcSum
Entries 254330

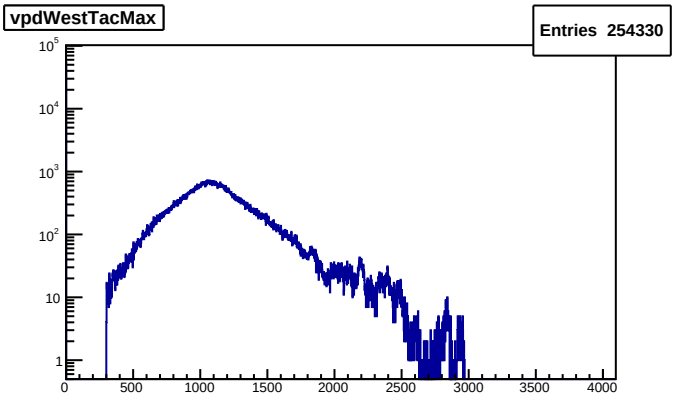

vpdEastAdcSumVsSimu
Entries 157989
Data
Simu

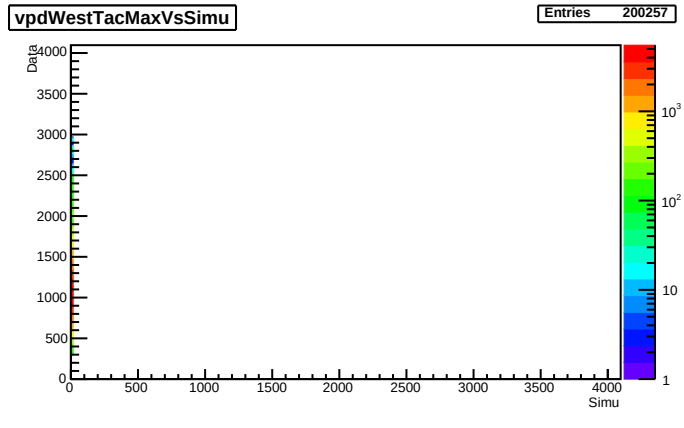

vpdEastTacMax
Entries 254330

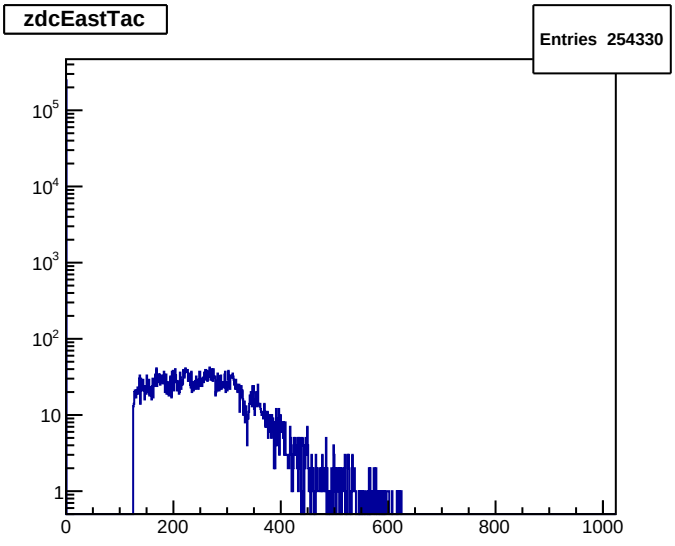

vpdEastTacMaxVsSimu
Entries 157989
Data
Simu

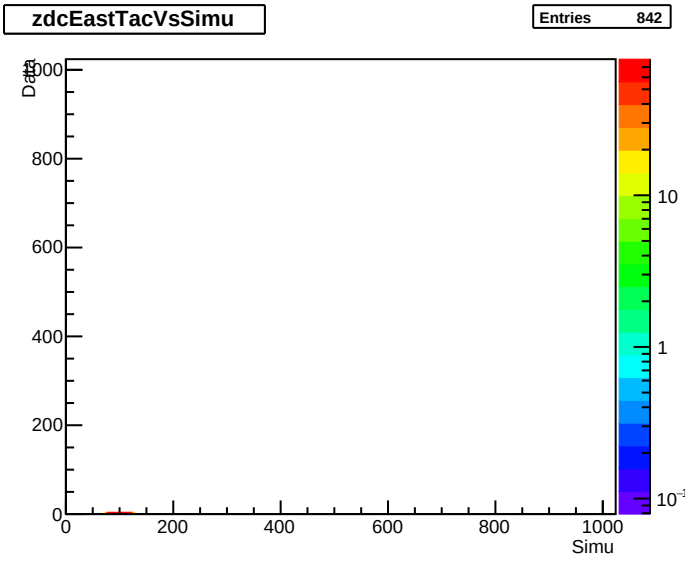

vpdWestAdcSum
Entries 254330

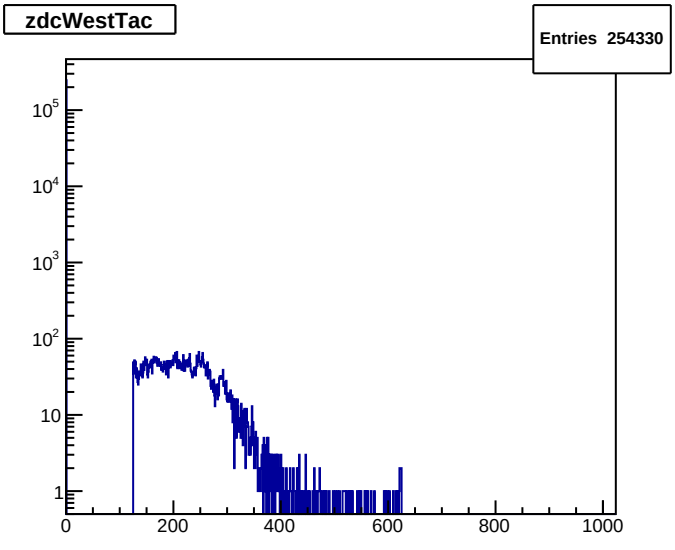

vpdWestAdcSumVsSimu
Entries 200257
Data
Simu

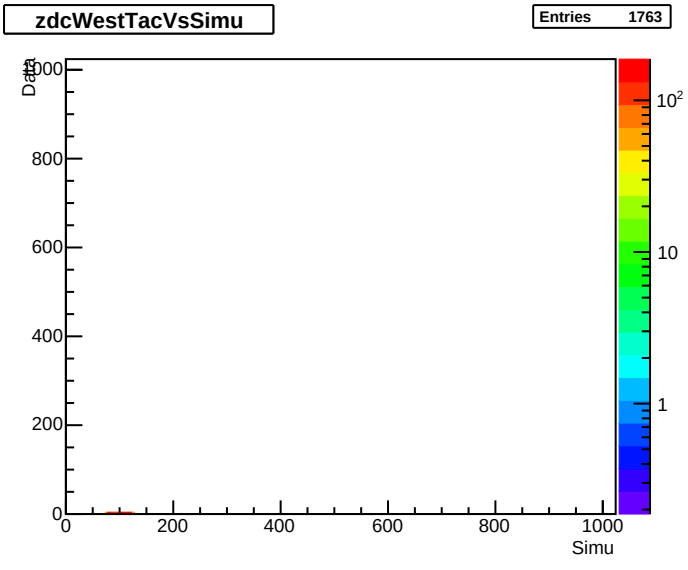

vpdWestTacMax
Entries 254330

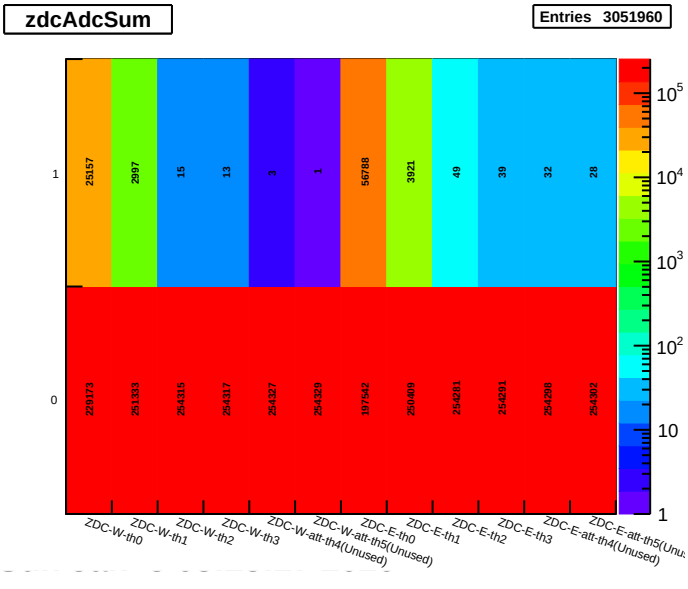

vpdWestTacMaxVsSimu
Entries 200257
Data
Simu

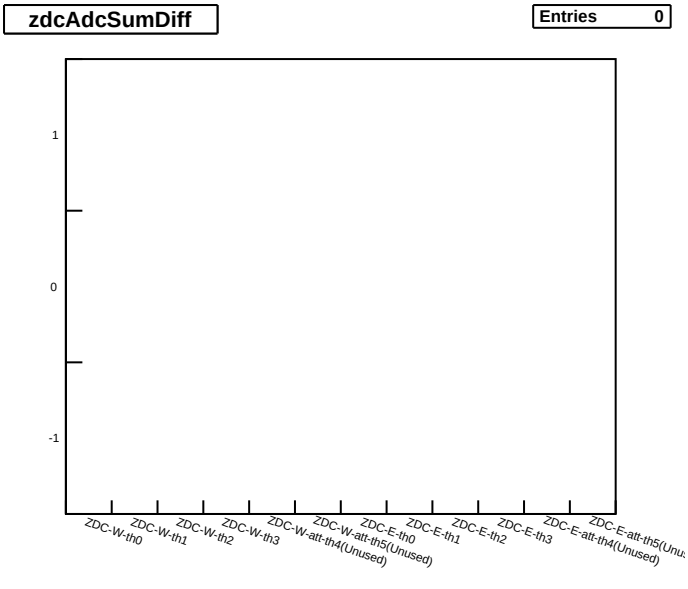

zdcEastTac
Entries 254330

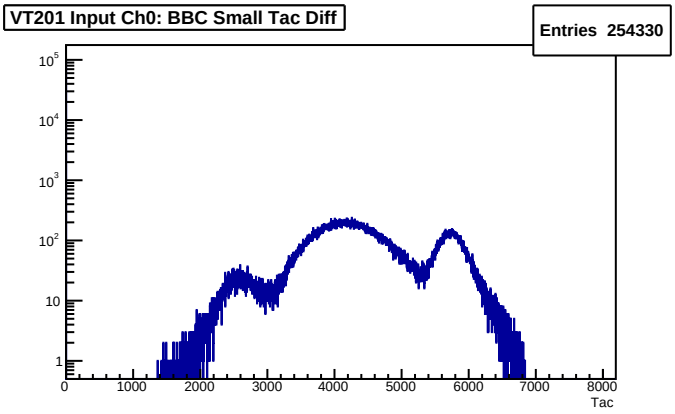

zdcEastTacVsSimu
Entries 842
Data
Simu

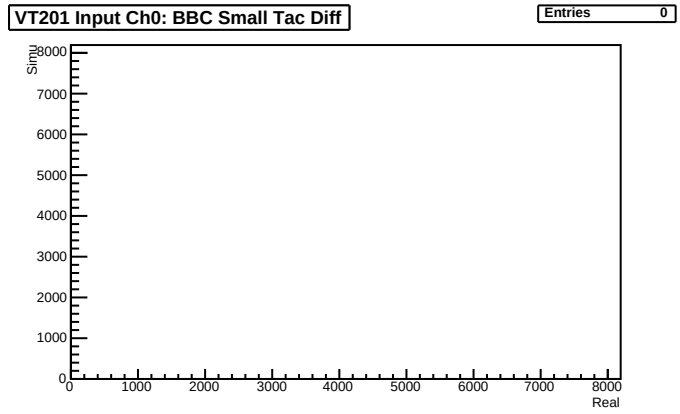

zdcWestTac
Entries 254330

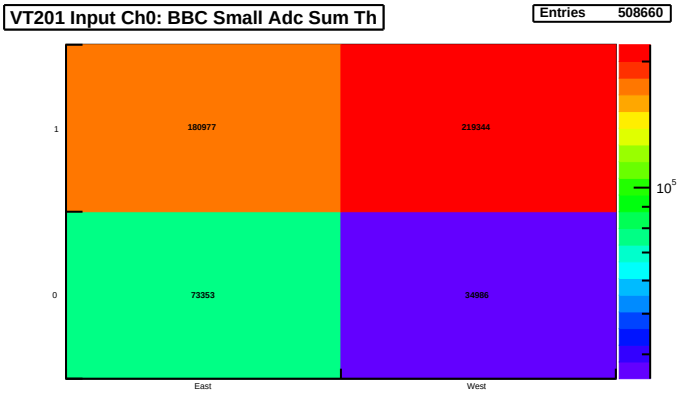

zdcWestTacVsSimu
Entries 1763
Data
Simu

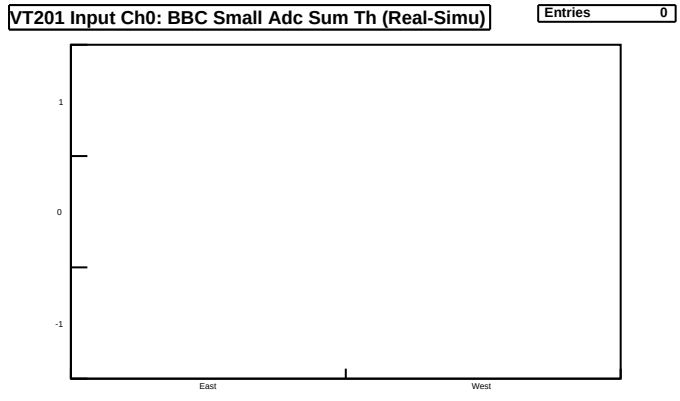

zdcAdcSum
Entries 3051960
25157
2997
15
13
3
1
56788
3921
49
39
32
28
229173
251333
254315
254317
254327
254329
197542
250409
252281
254291
254298
254302
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

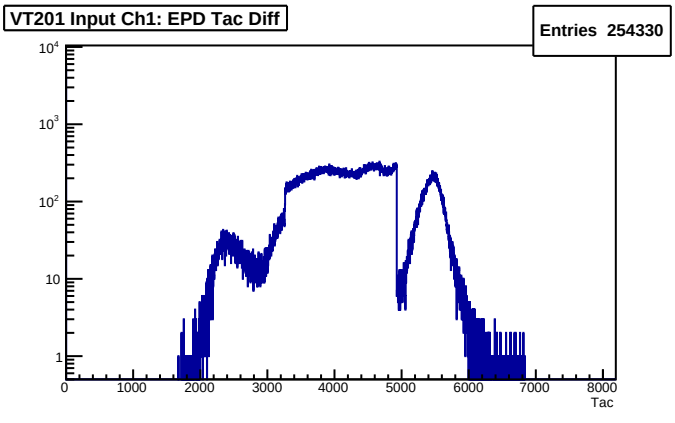

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

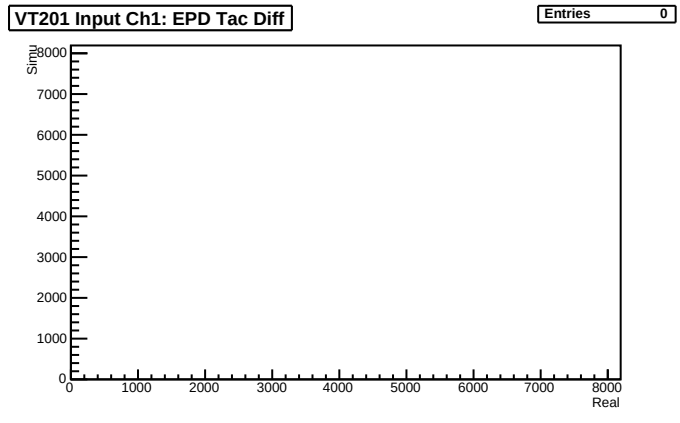

VT201 Input Ch0: BBC Small Tac Diff
Entries 254330
Tac

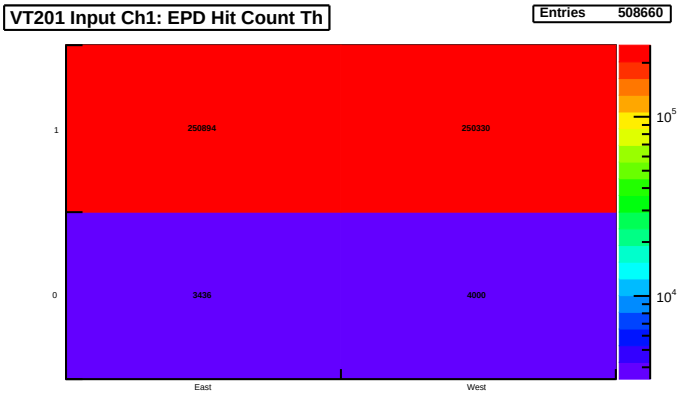

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

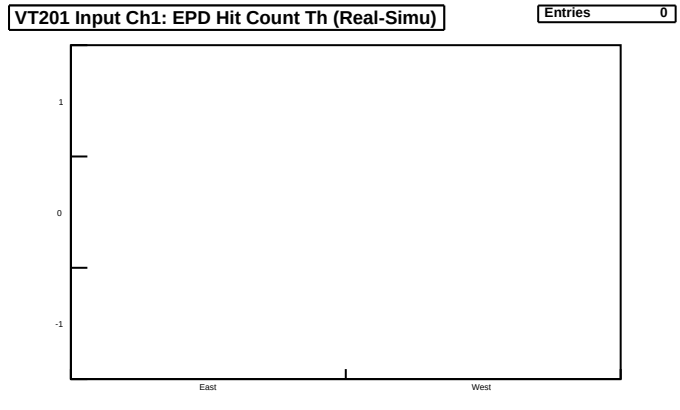

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 508660
180977
219344
73353
34986
East
West

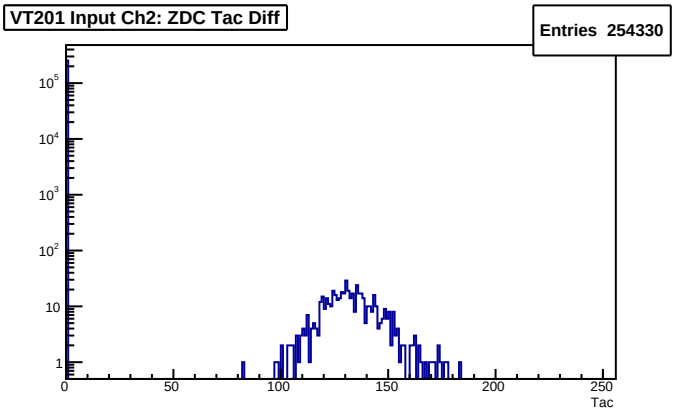

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

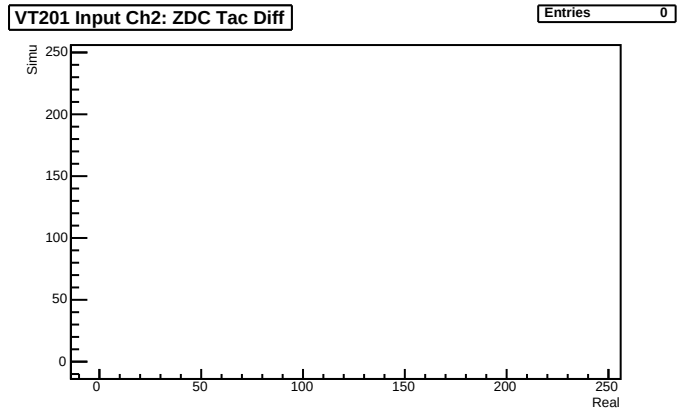

VT201 Input Ch1: EPD Tac Diff
Entries 254330
Tac

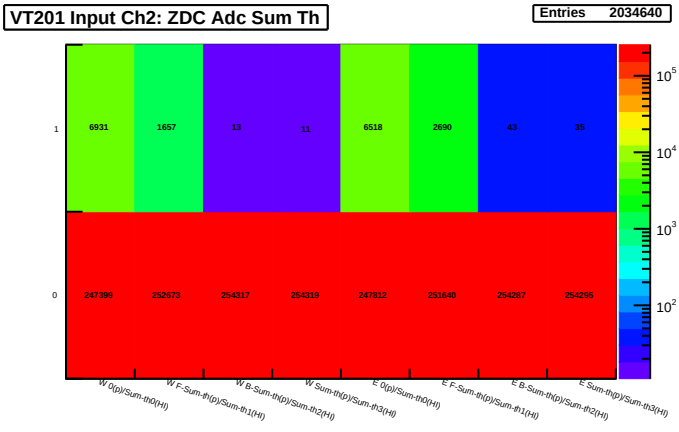

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

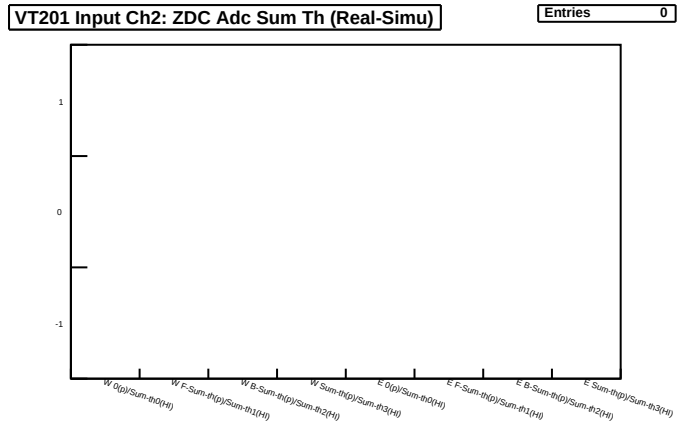

VT201 Input Ch1: EPD Hit Count Th
Entries 508660
250894
250330
3436
4000
East
West

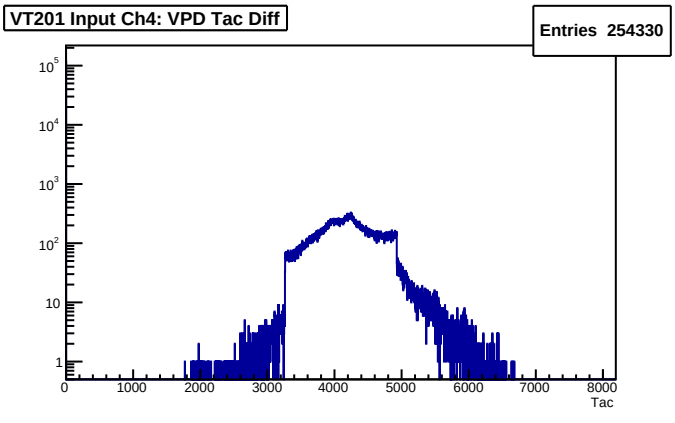

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

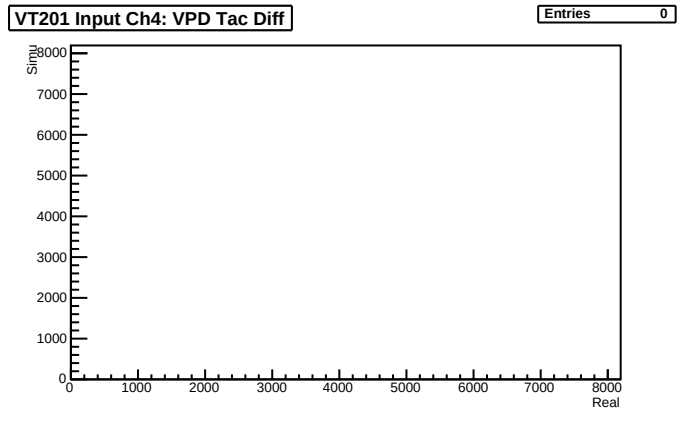

VT201 Input Ch2: ZDC Tac Diff
Entries 254330
Tac

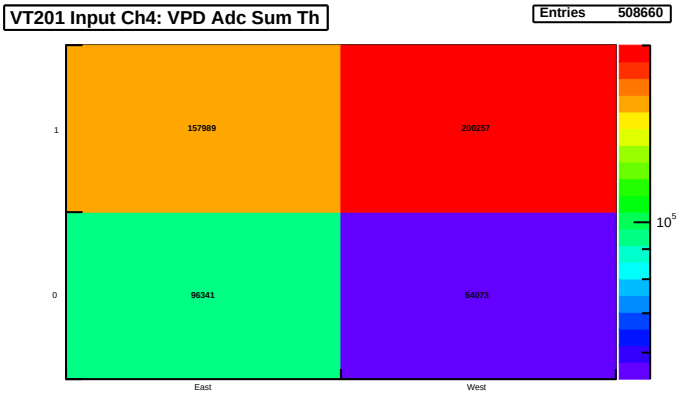

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

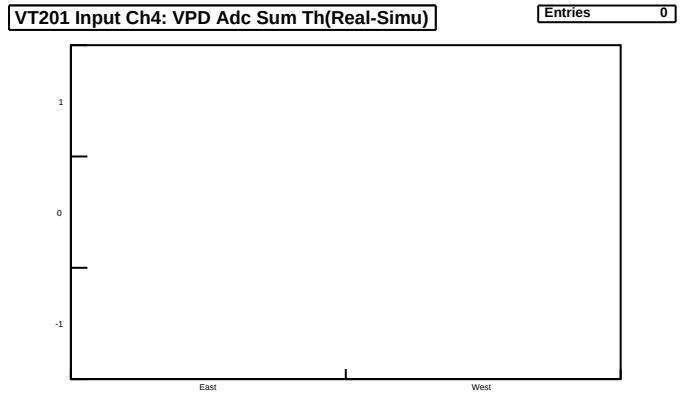

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2034640
6931
1657
13
11
6518
2690
43
35
247399
252673
254317
254319
247812
251640
254287
254295
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

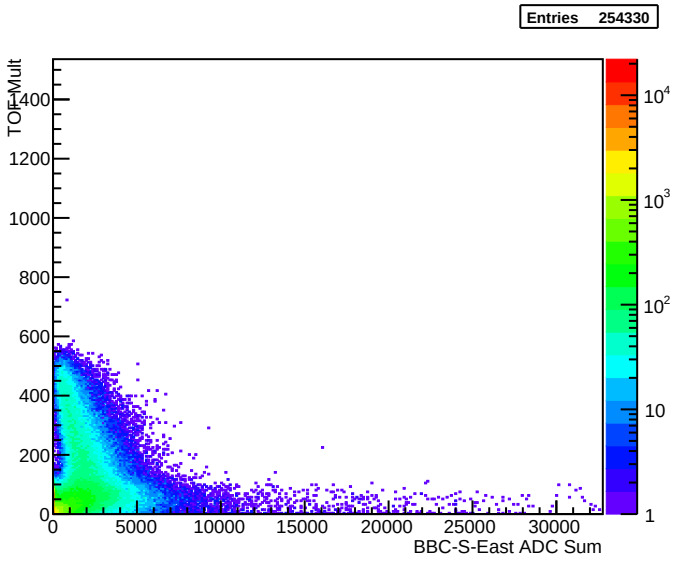

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

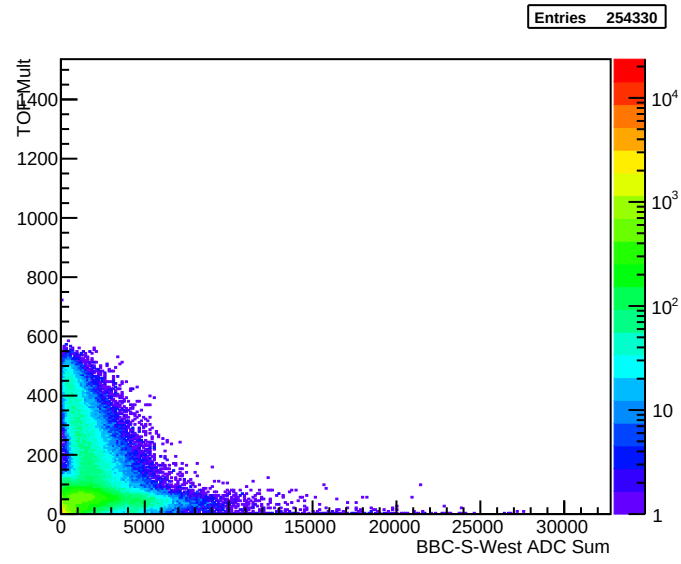

VT201 Input Ch4: VPD Tac Diff
Entries 254330
Tac

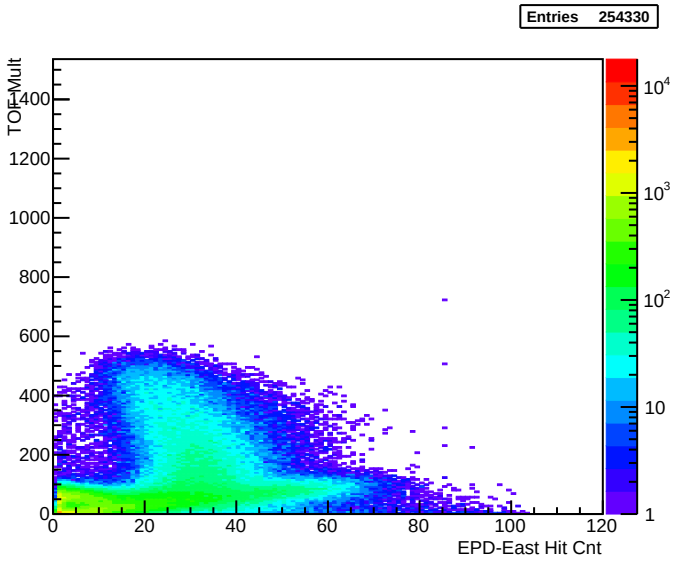

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

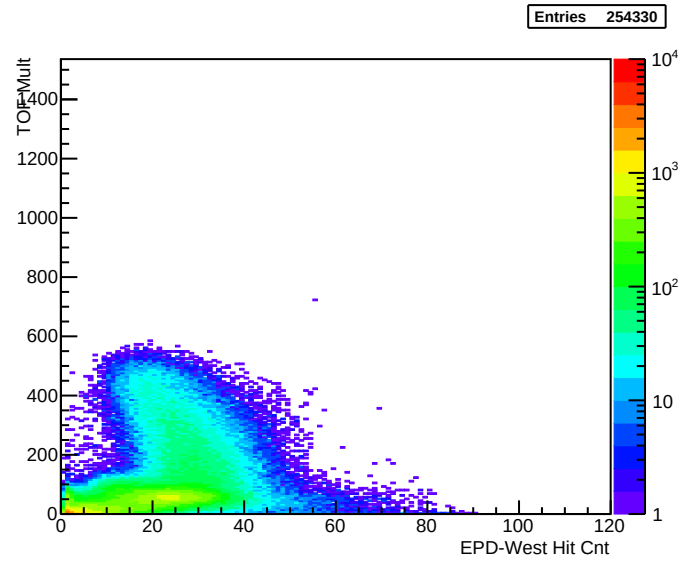

VT201 Input Ch4: VPD Adc Sum Th
Entries 508660
157989
200257
96341
54073
East
West

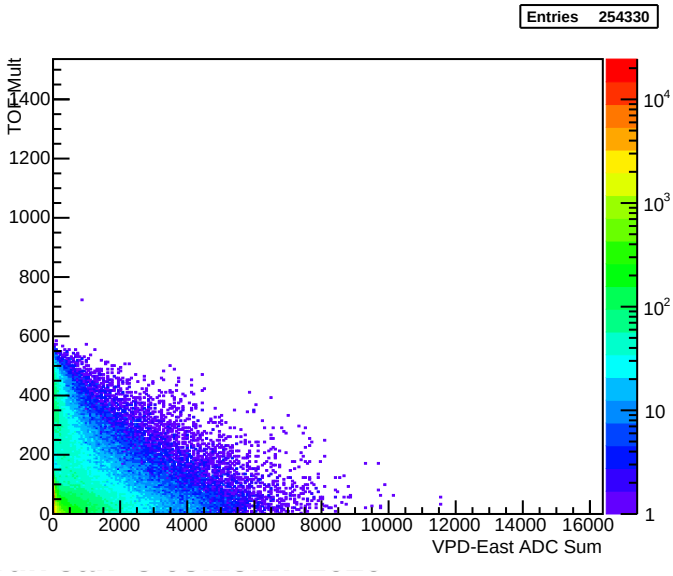

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

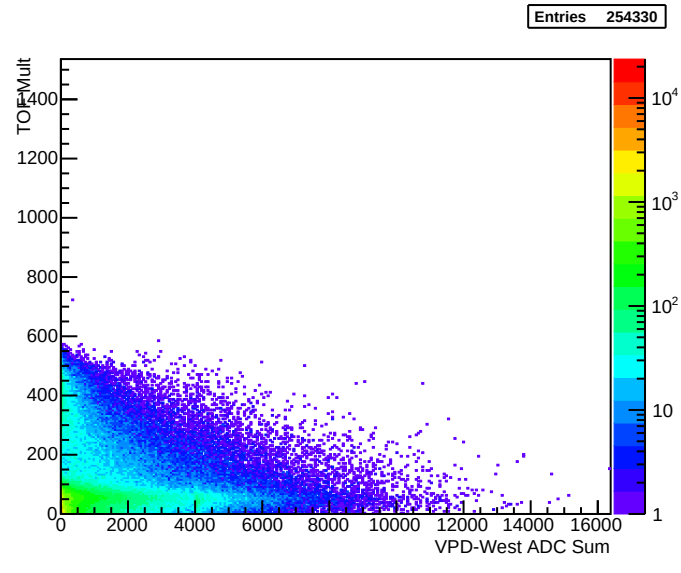

Entries 254330
TOF-Mult
BBC-S-East ADC Sum

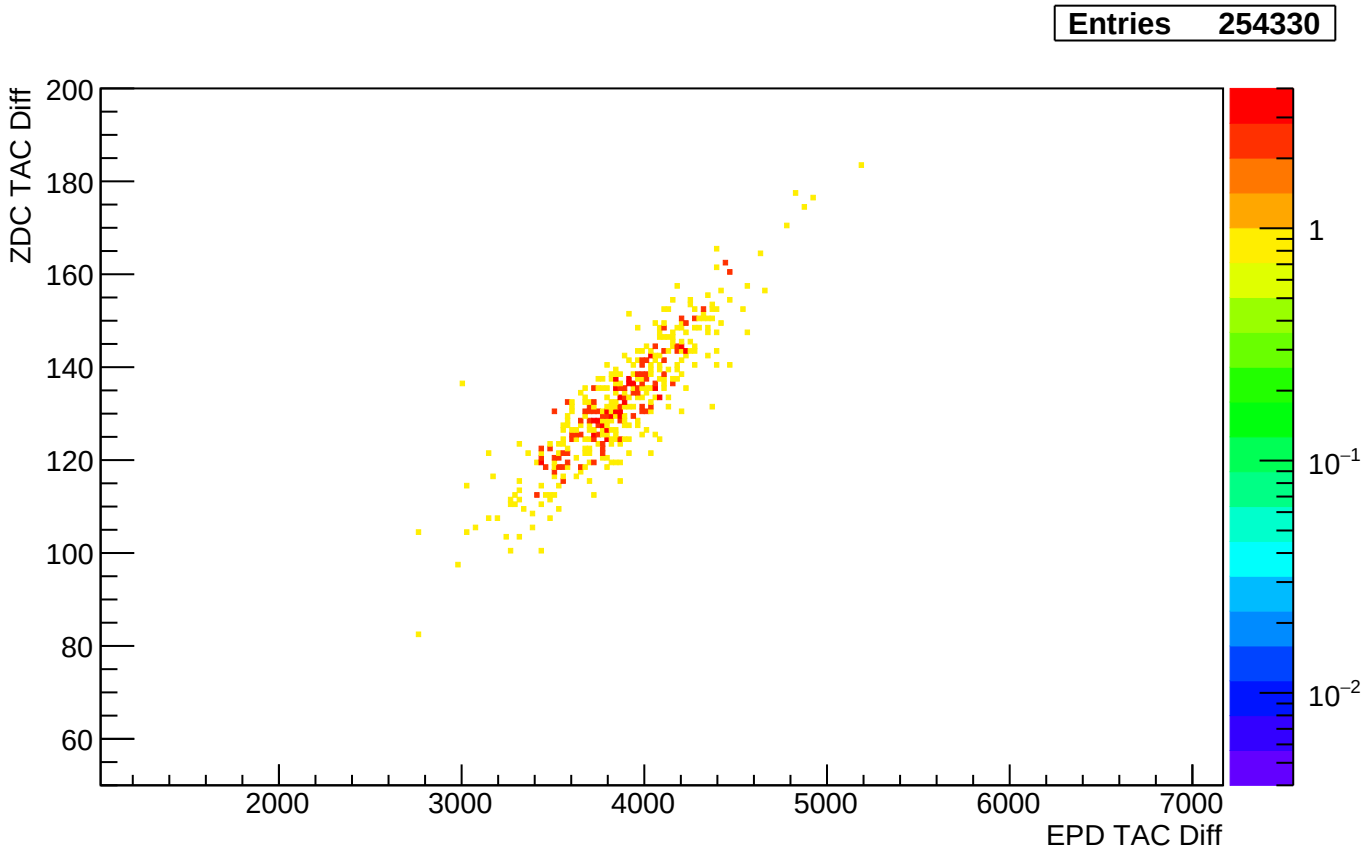

Entries 254330
TOF-Mult
BBC-S-West ADC Sum

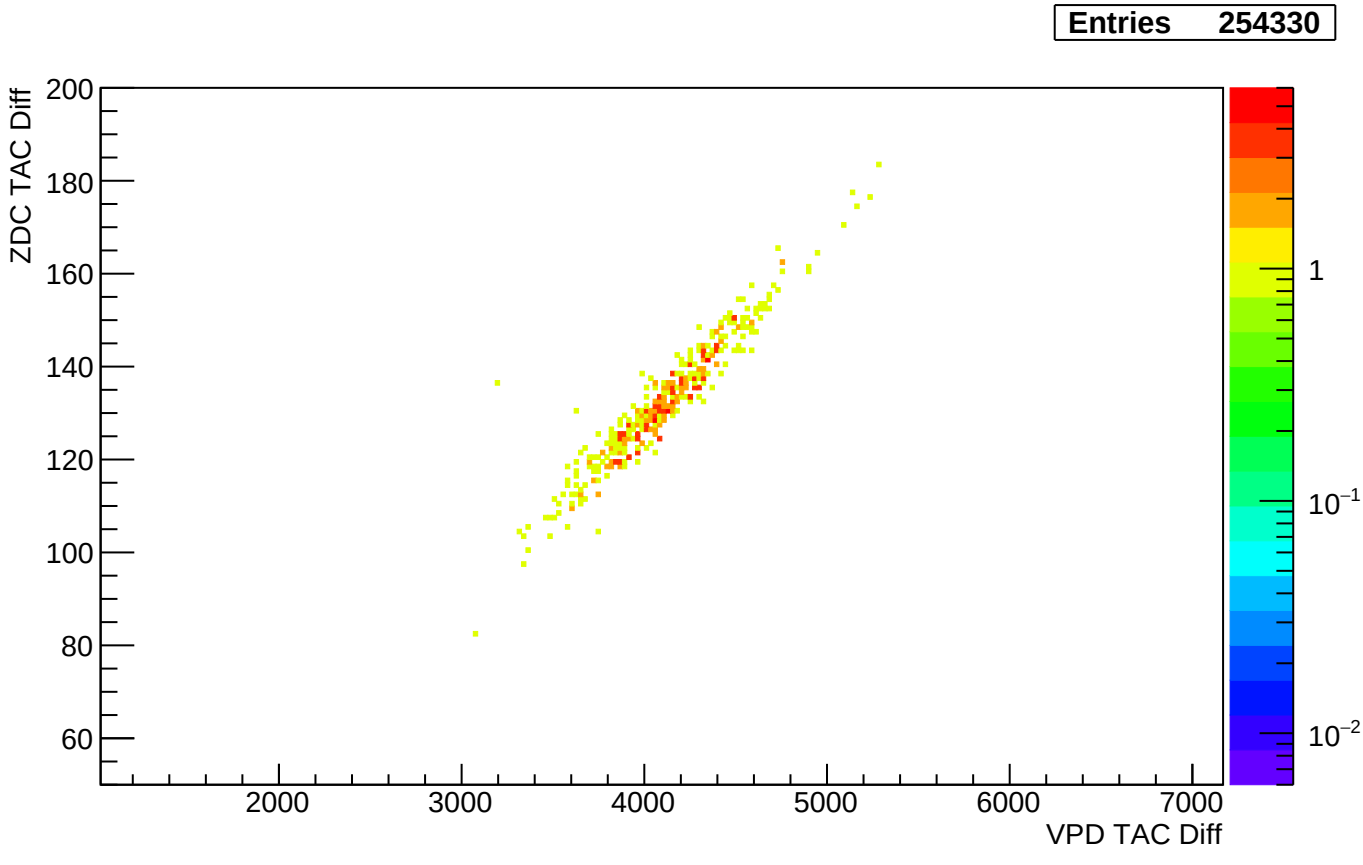

Entries 254330
TOF-Mult
EPD-East Hit Cnt

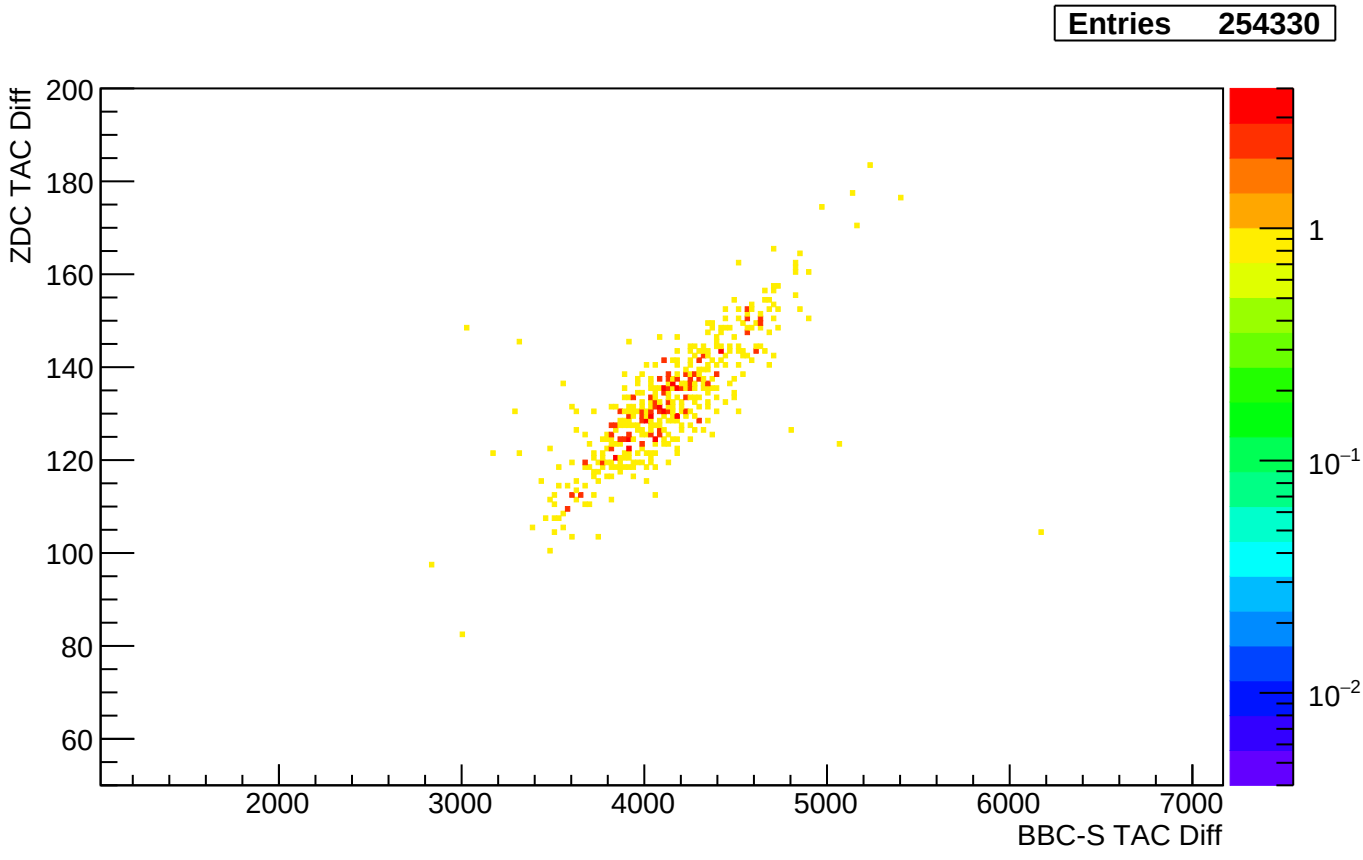

Entries 254330
TOF-Mult
EPD-West Hit Cnt

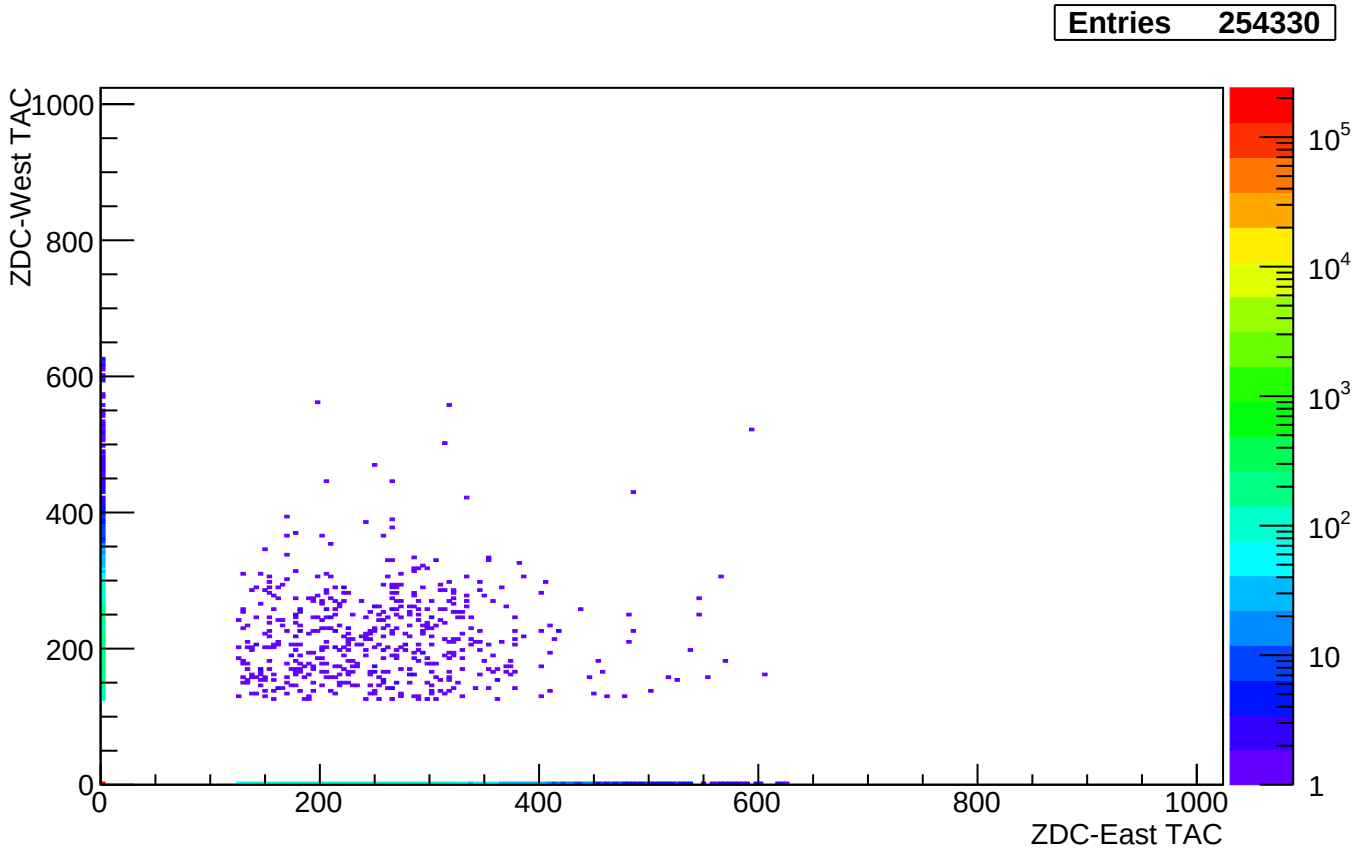

Entries 254330
TOF-Mult
VPD-East ADC Sum

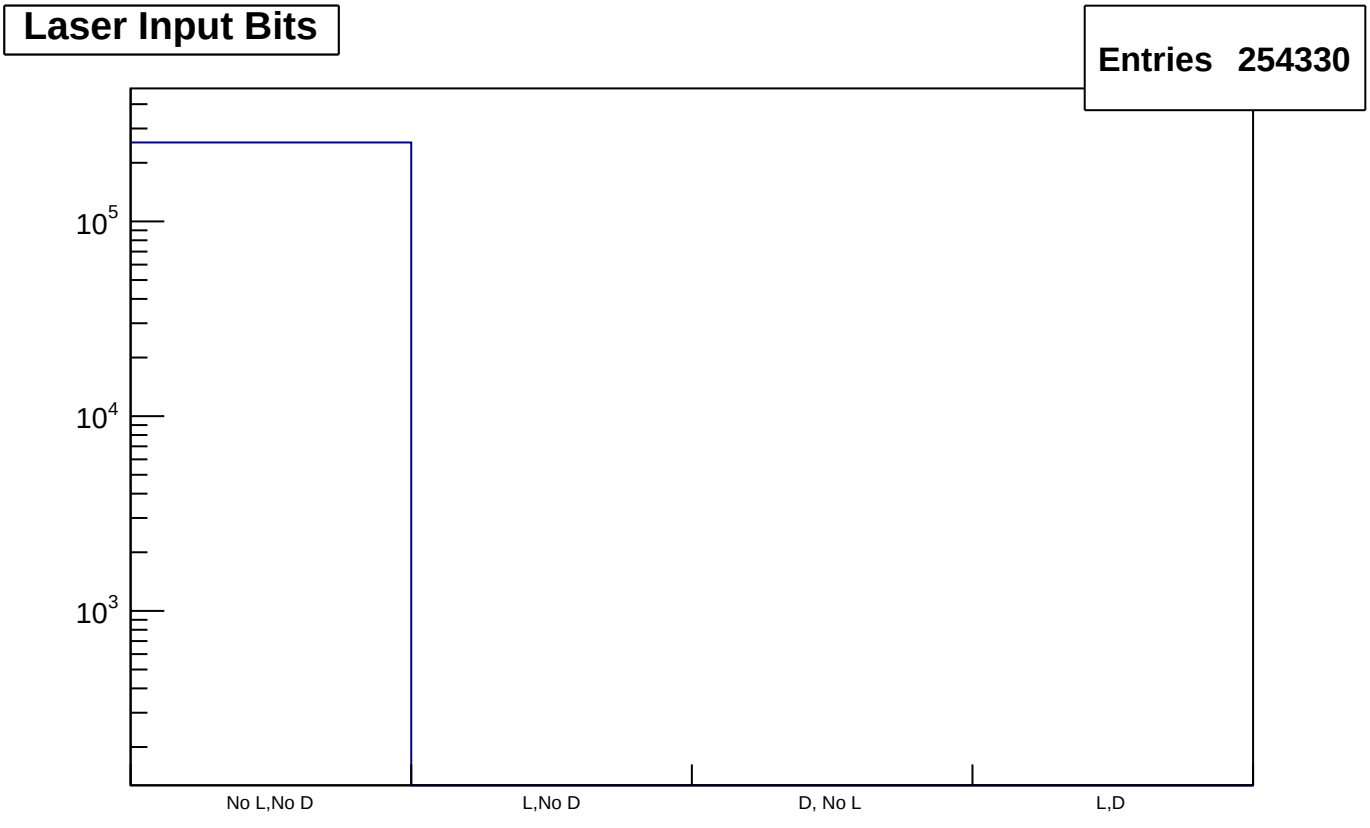

Entries 254330
TOF-Mult
VPD-West ADC Sum

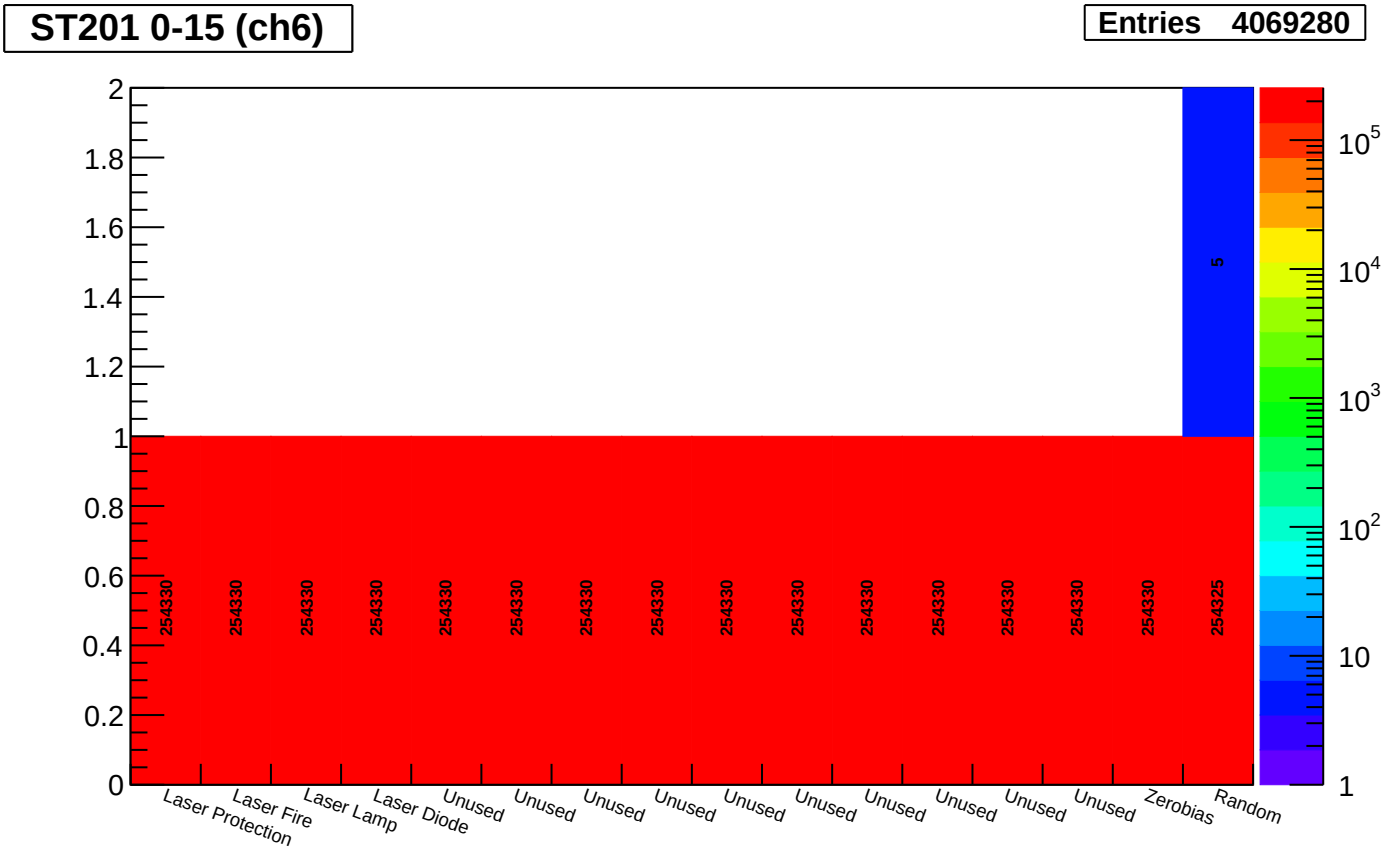

Entries 254330
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

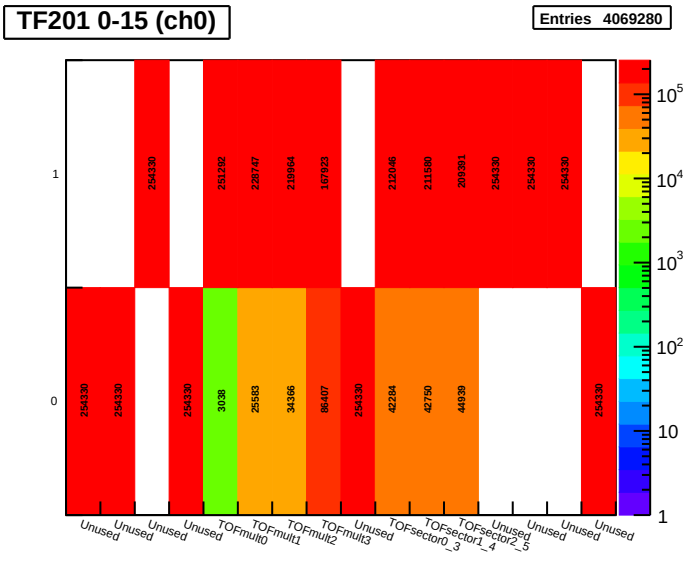

Entries 254330
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

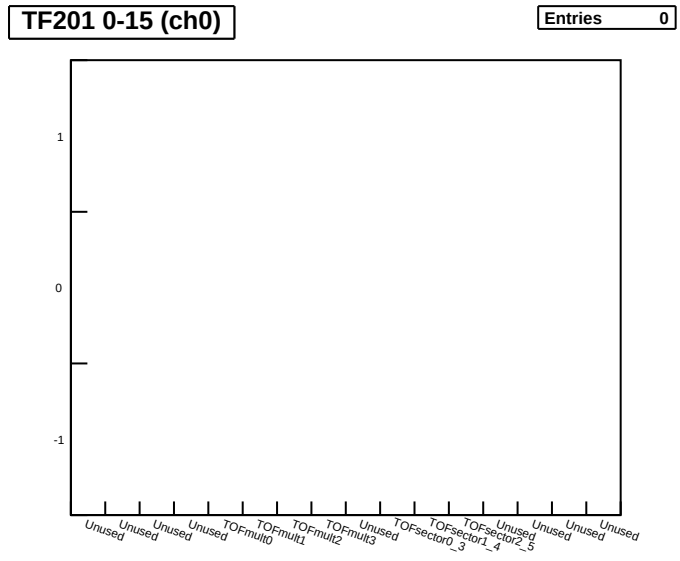

Entries 254330
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

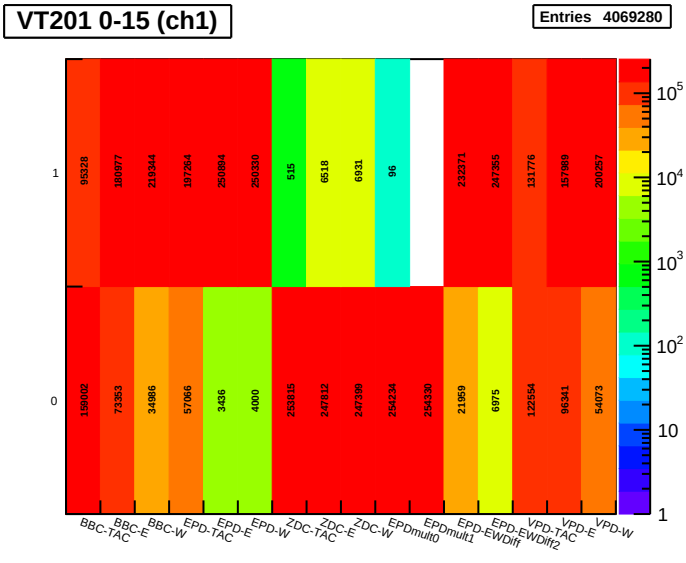

Entries 254330
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

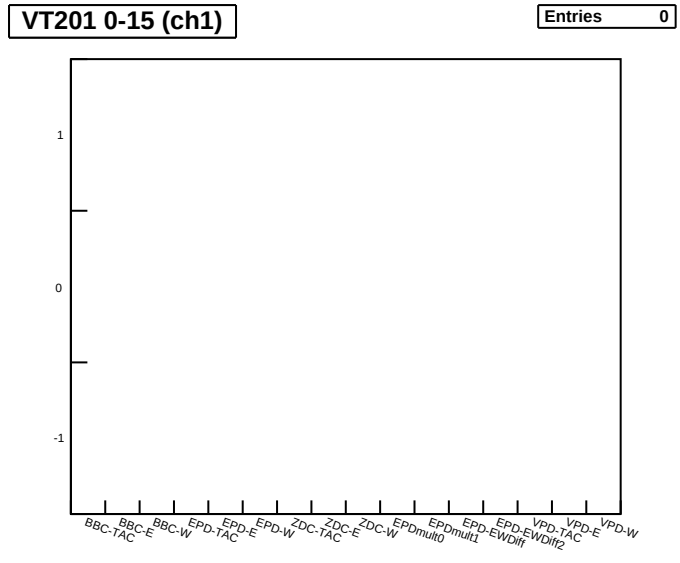

Laser Input Bits
Entries 254330
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

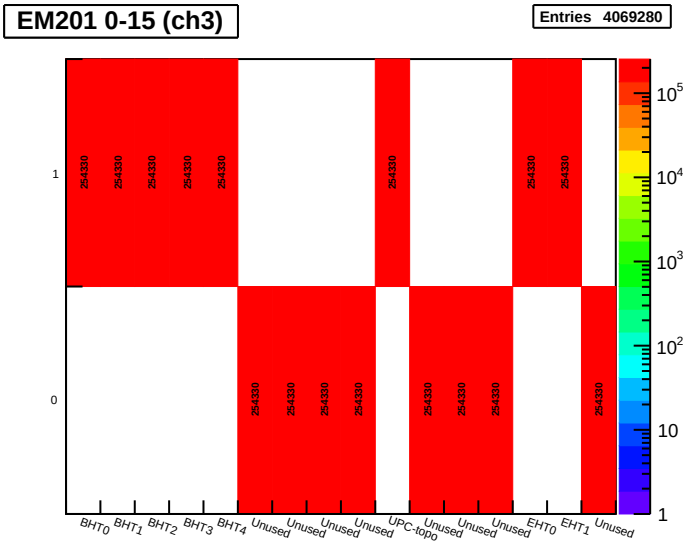

ST201 0-15 (ch6)
Entries 4069280
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
254330
254330
254330
254330
254330
254330
254330
254330
254330
254330
254330
254330
254330
254330
254330
254325
5
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

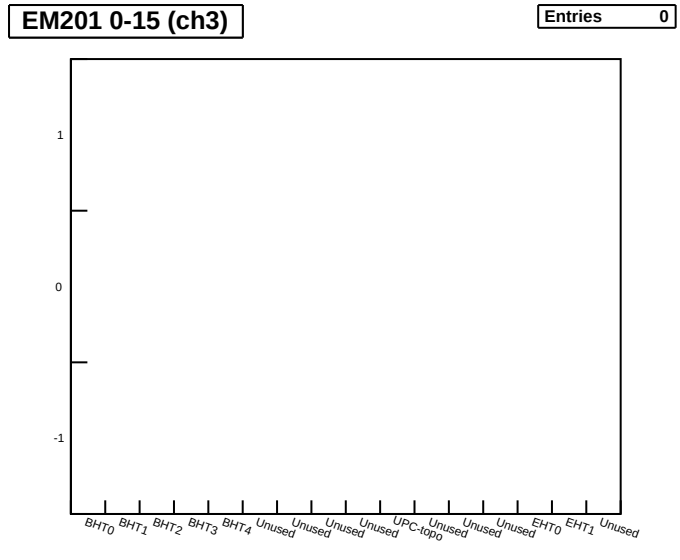

TF201 0-15 (ch0)
Entries 4069280
1
0
254330
251292
228747
210964
167923
212046
211580
209391
254330
254330
254330
254330
254330
3038
25583
34366
86407
42284
42750
44939
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 4069280
1
0
95328
180977
219344
197264
250894
250330
515
6518
6931
96
232371
247355
131776
157989
200257
159002
73353
34986
57066
3436
4000
263815
247812
247399
254234
254330
21959
6975
122554
96341
54073
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 4069280
1
0
254330
254330
254330
254330
254330
254330
254330
254330
254330
254330
254330
254330
254330
254330
254330
254330
254330
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1