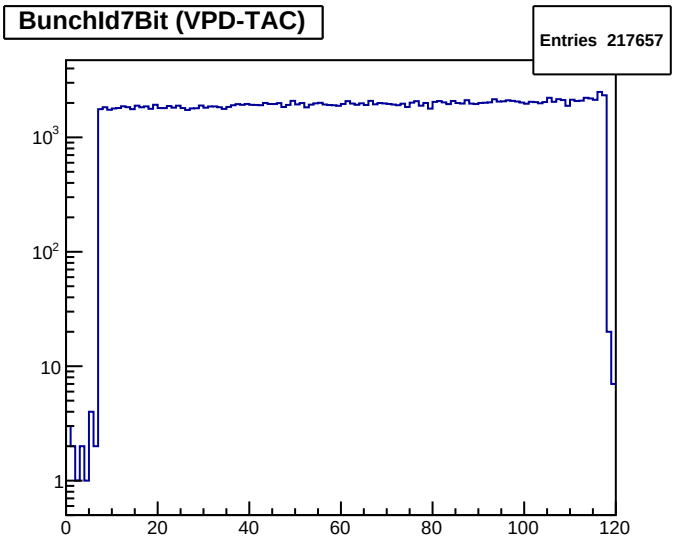
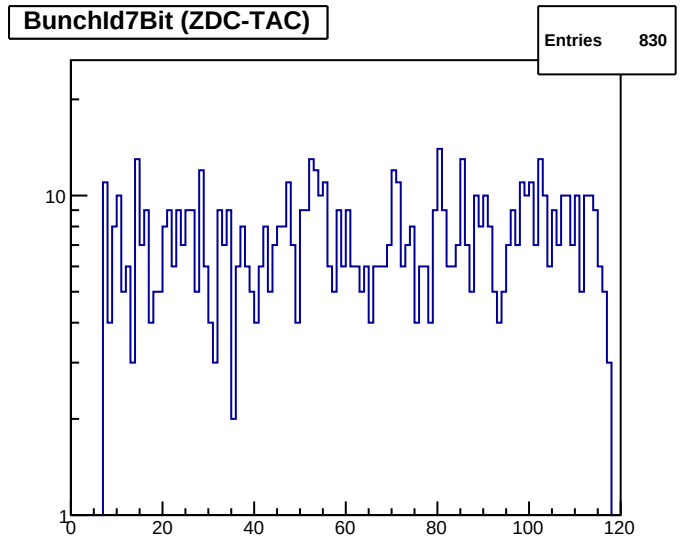
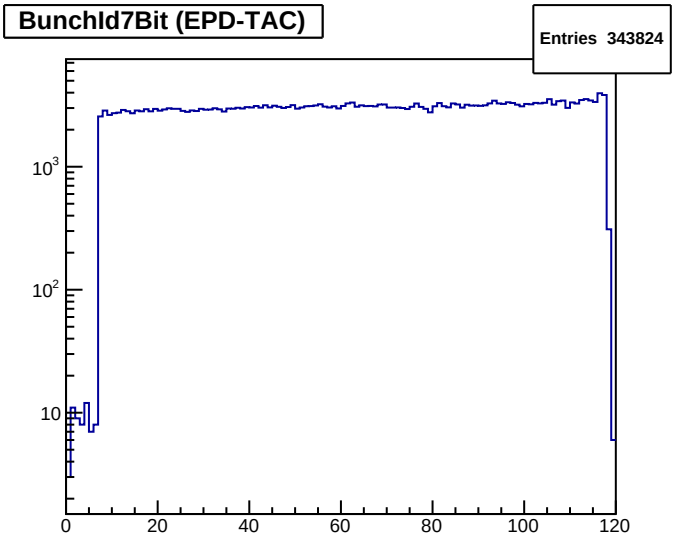
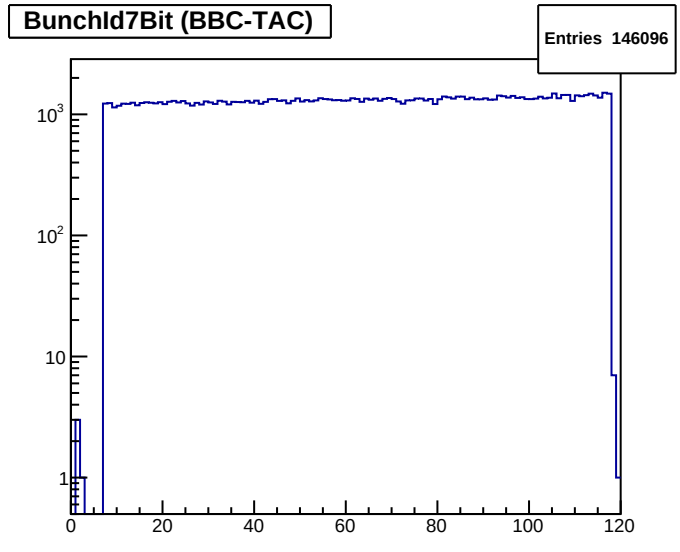
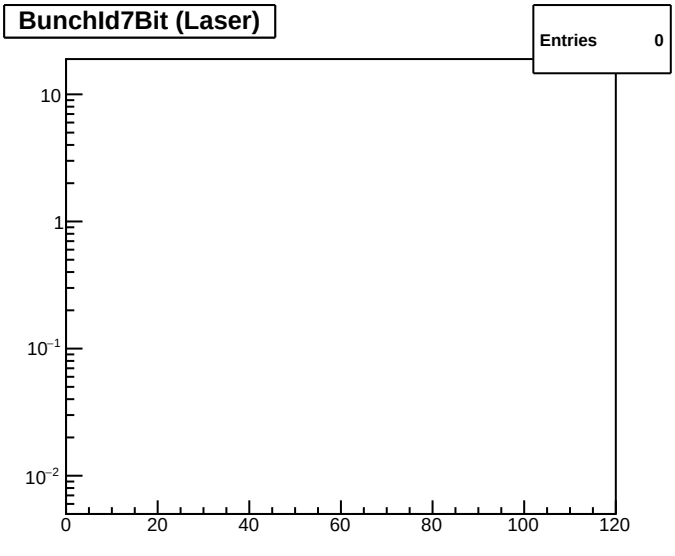
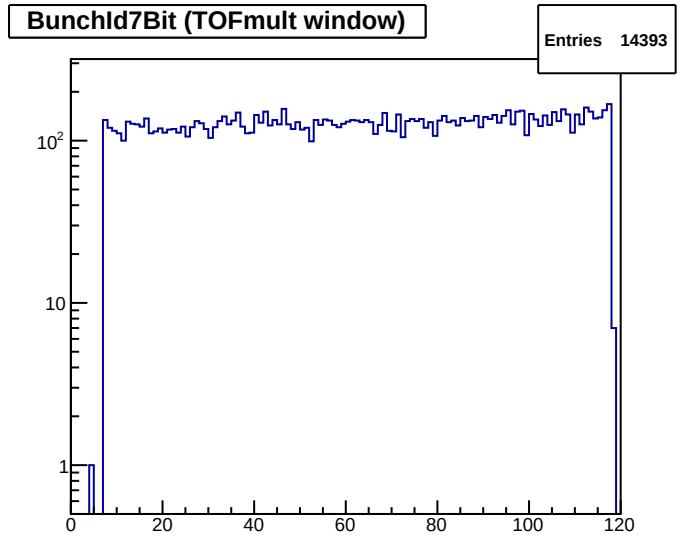

BunchId7Bit (VPD-TAC)
Entries 217657

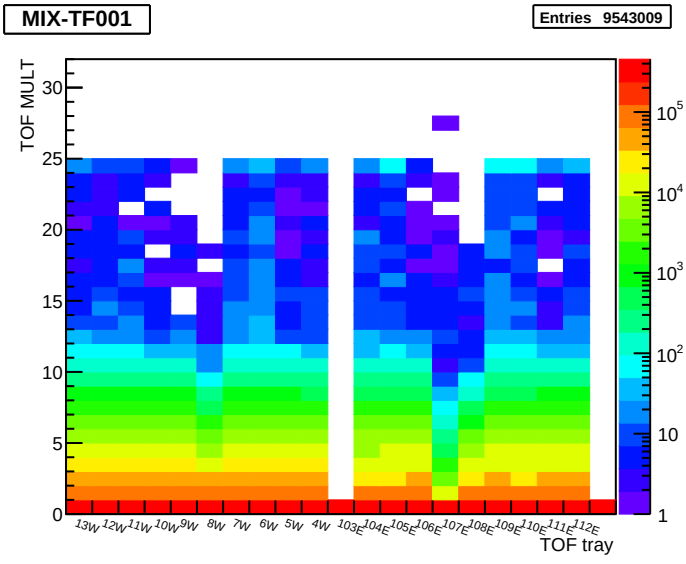

BunchId7Bit (ZDC-TAC)
Entries 830

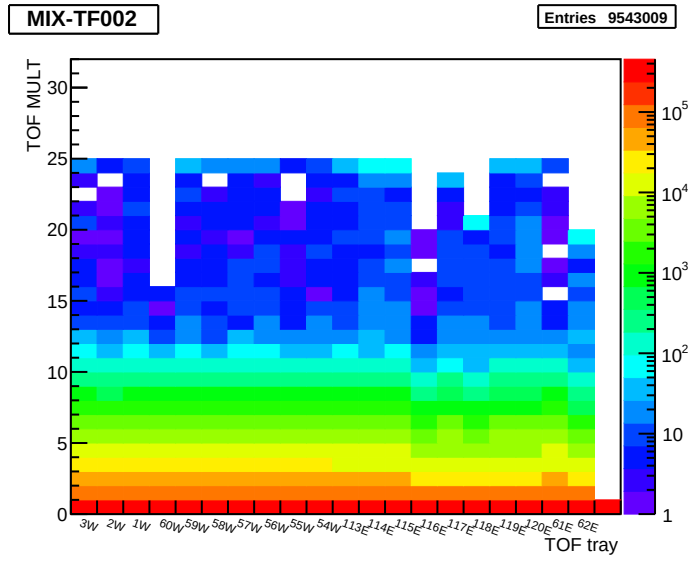

BunchId7Bit (EPD-TAC)
Entries 343824

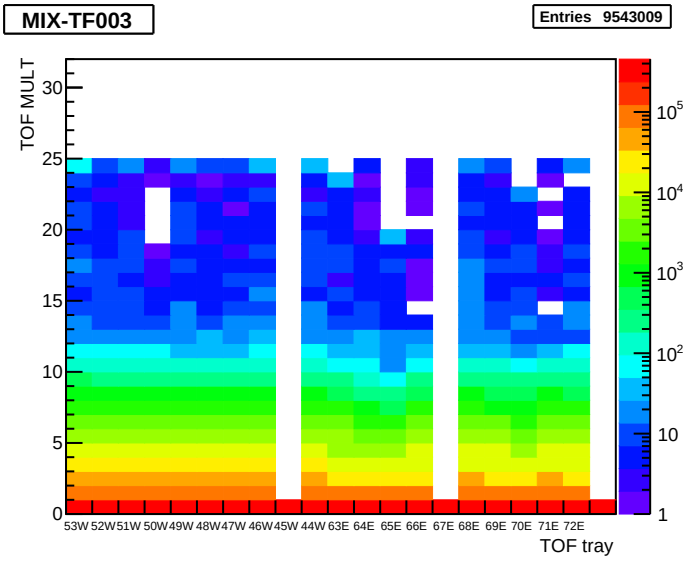

BunchId7Bit (BBC-TAC)
Entries 146096

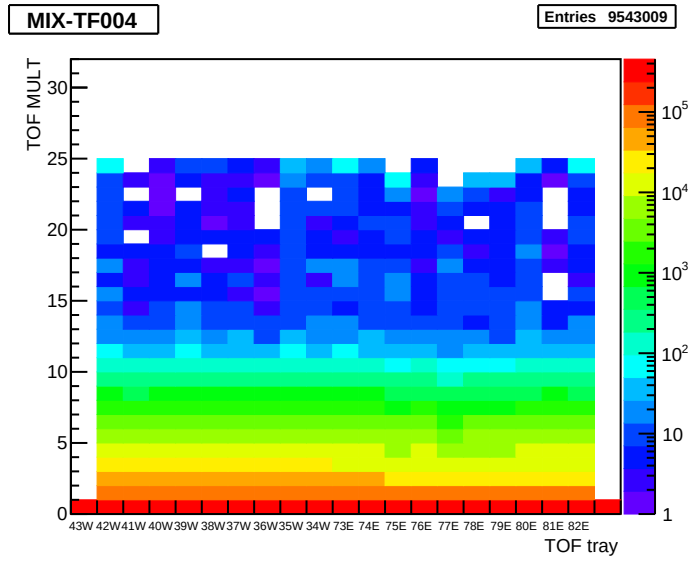

BunchId7Bit (Laser)
Entries 0

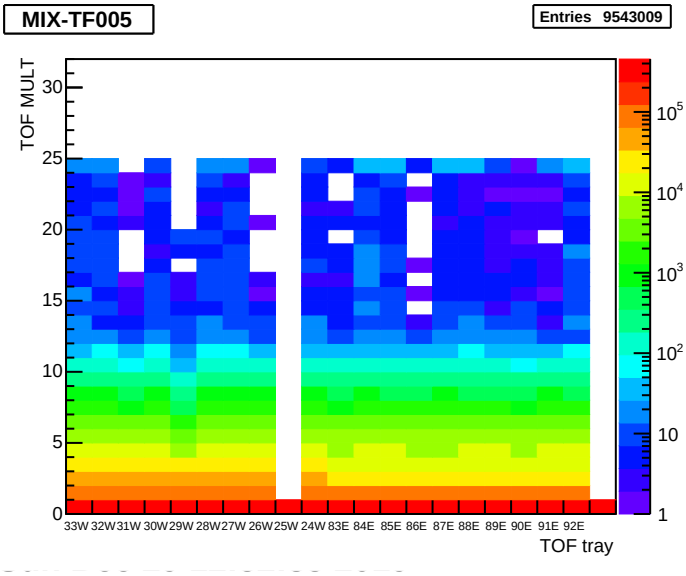

BunchId7Bit (TOFmult window)
Entries 14393

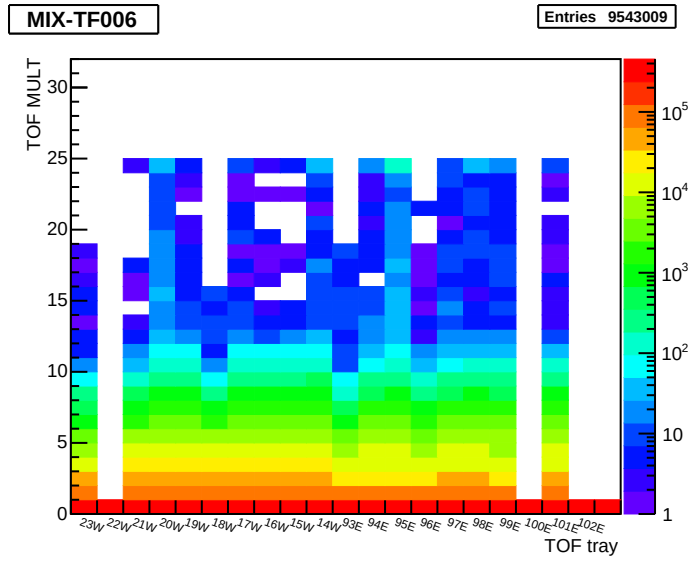

MIX-TF001
Entries 9543009
TOF MULT
TOF tray

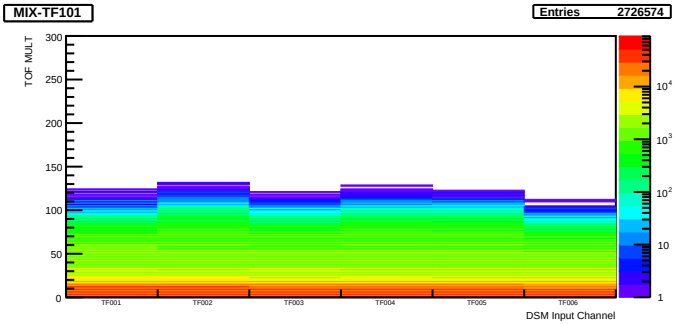

MIX-TF002
Entries 9543009
TOF MULT
TOF tray

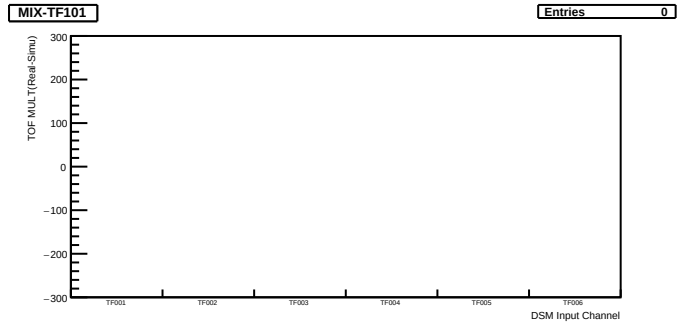

MIX-TF003
Entries 9543009
TOF MULT
TOF tray

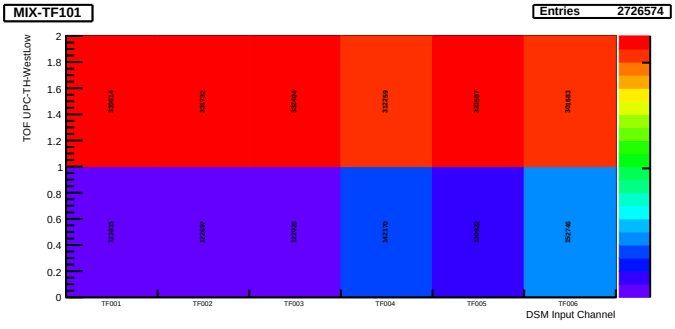

MIX-TF004
Entries 9543009
TOF MULT
TOF tray

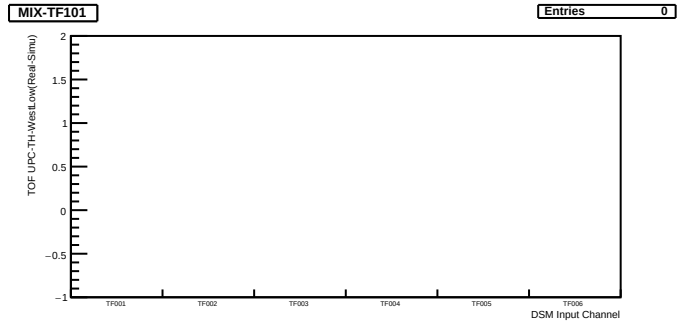

MIX-TF005
Entries 9543009
TOF MULT
TOF tray

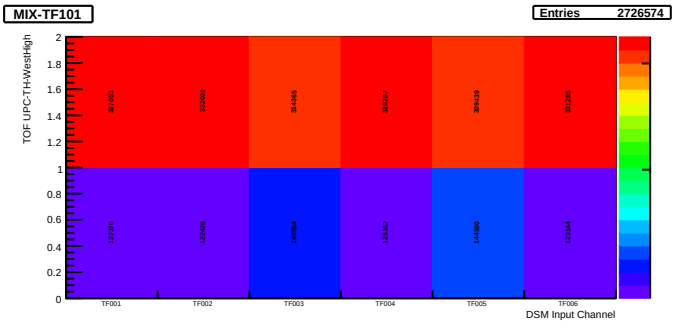

MIX-TF006
Entries 9543009
TOF MULT
TOF tray

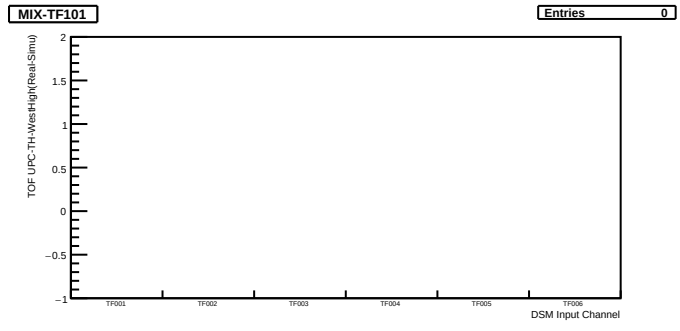

MIX-TF101
Entries 2726574
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

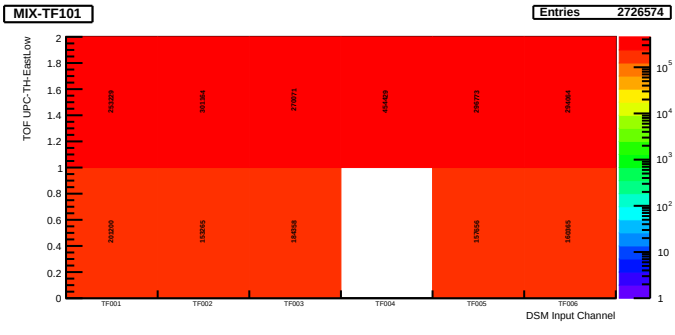

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

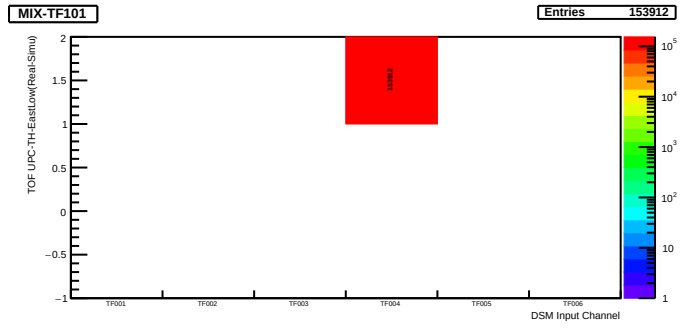

MIX-TF101
Entries 2726574
TOF UPC-TH-WestLow
330614
331732
328404
332259
328527
326483
323835
322657
322025
143170
150922
152746
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

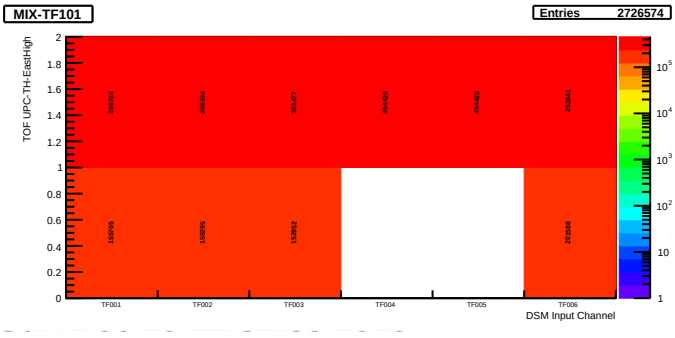

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

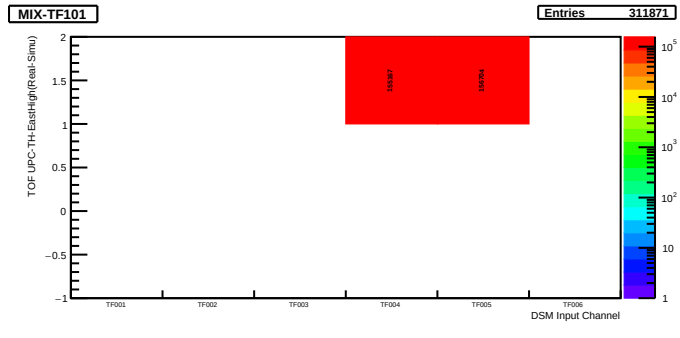

MIX-TF101
Entries 2726574
TOF UPC-TH-WestHigh
327533
332301
314365
329527
329439
331285
327276
324428
140064
125832
144980
123164
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

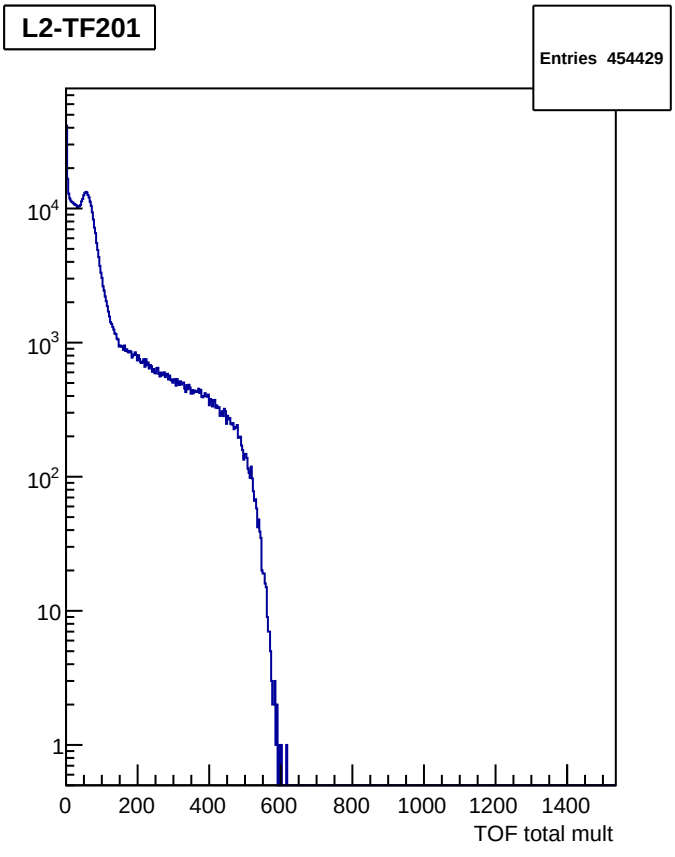

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

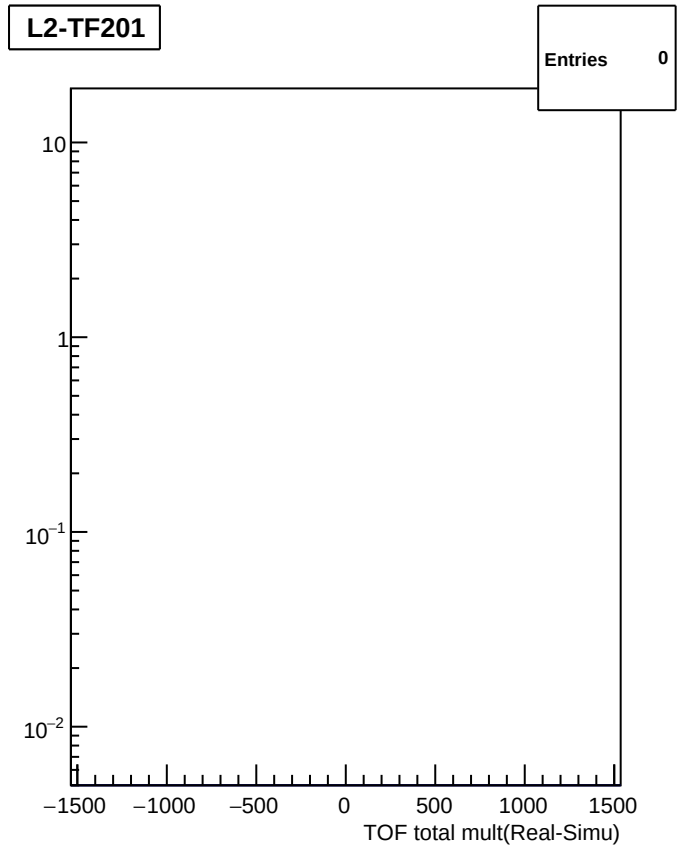

MIX-TF101
Entries 2726574
TOF UPC-TH-EastLow
253229
301364
279971
414429
298773
294064
231200
153265
154358
117656
140165
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

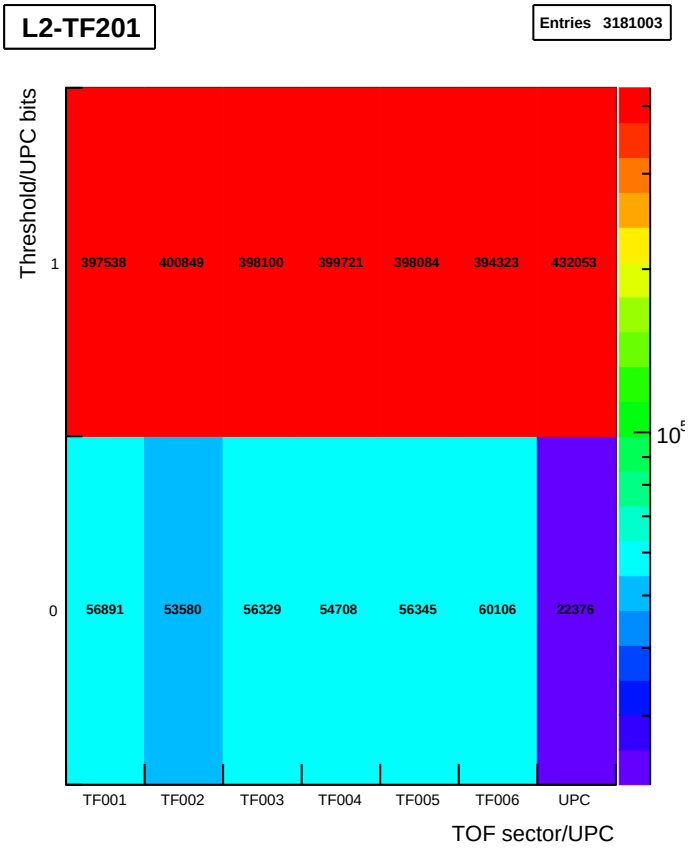

MIX-TF101
Entries 153912
TOF UPC-TH-EastLow(Real-Simu)
153912
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

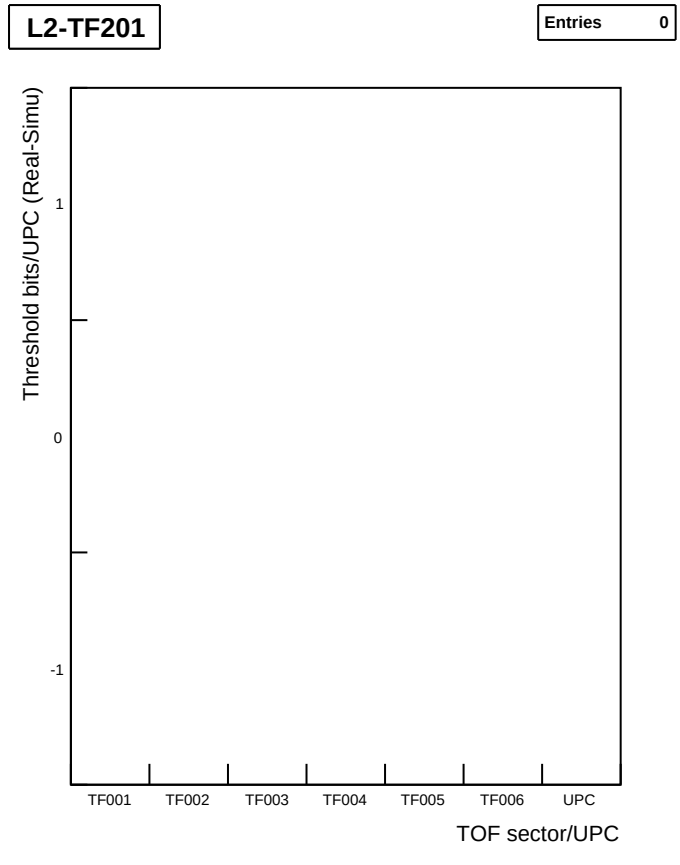

MIX-TF101
Entries 2726574
TOF UPC-TH-EastHigh
298724
298134
301477
414429
414429
253441
115705
158295
153752
270588
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

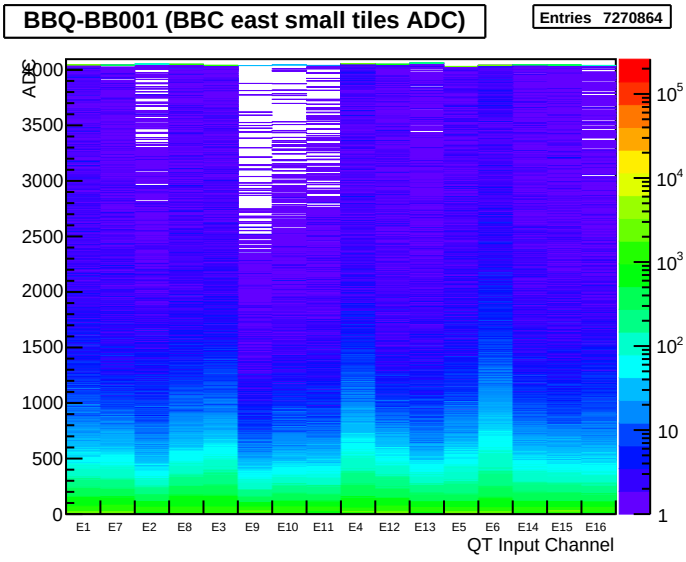

MIX-TF101
Entries 311871
TOF UPC-TH-EastHigh(Real-Simu)
155387
156764
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

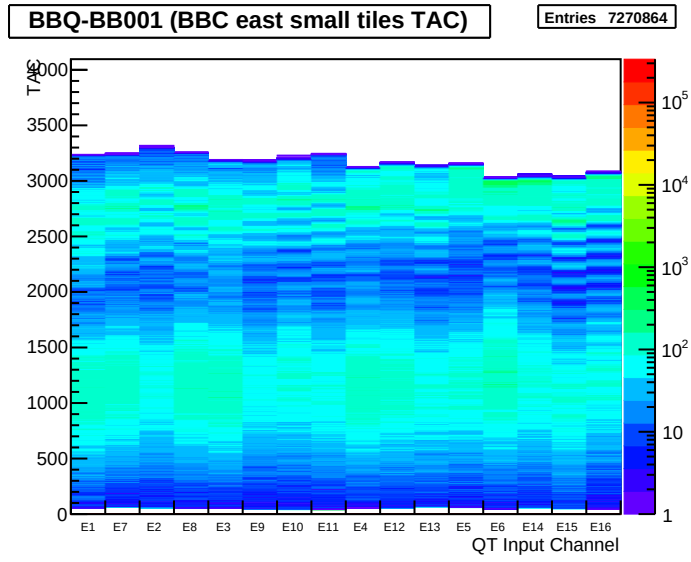

L2-TF201
Entries 454429
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

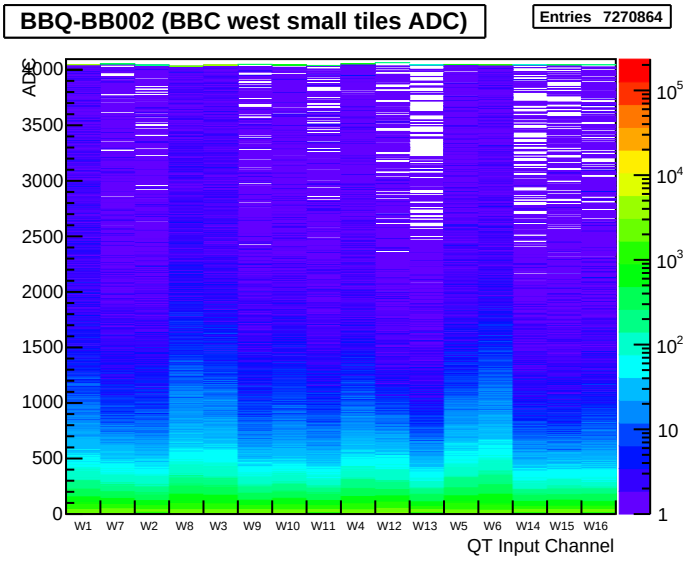

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

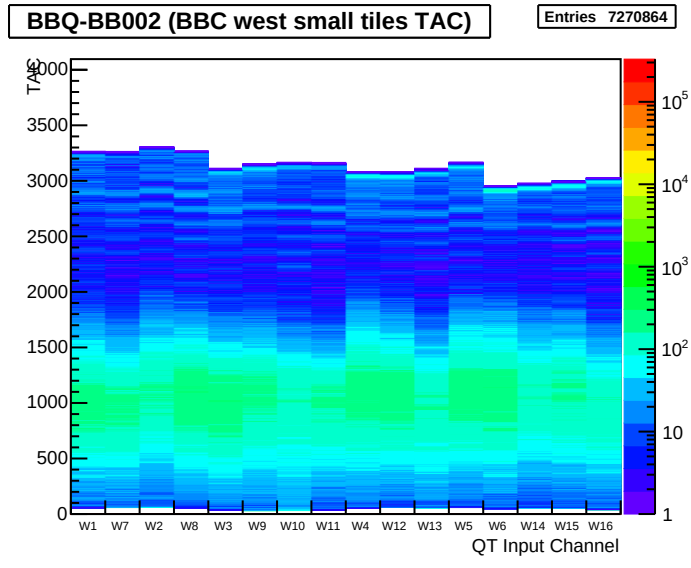

L2-TF201
Entries 3181003
Threshold/UPC bits
1
0
397538
400849
398100
399721
398084
394323
432053
56891
53580
56329
54708
56345
60106
22376
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

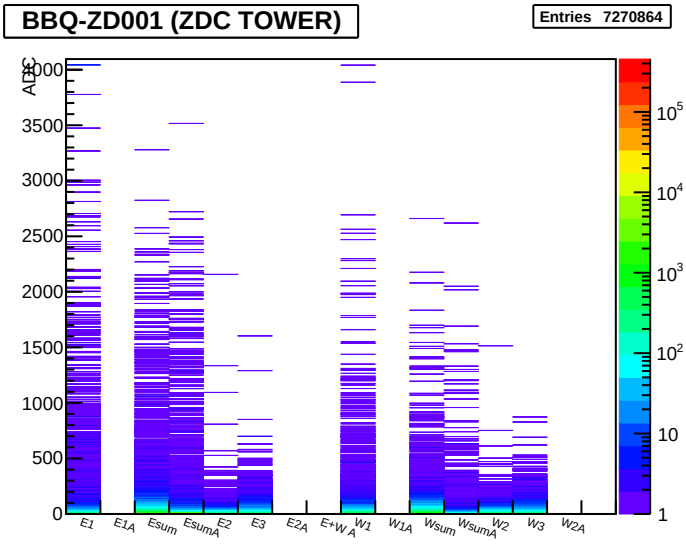

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

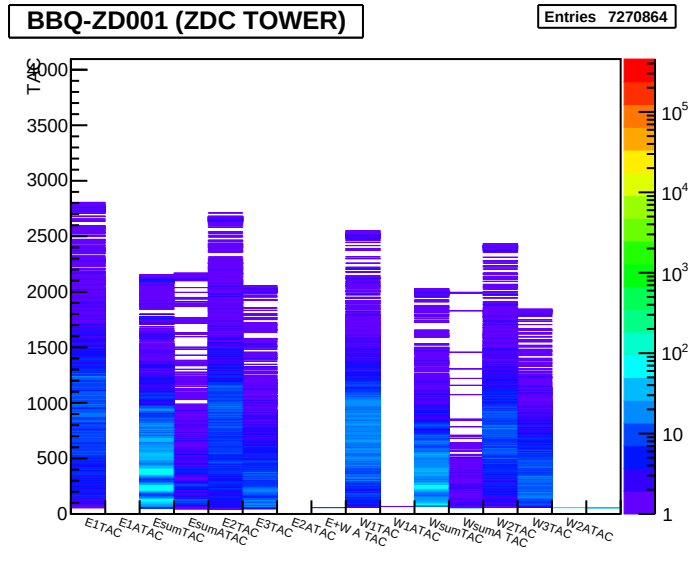

BBQ-BB001 (BBC east small tiles ADC)
Entries 7270864
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

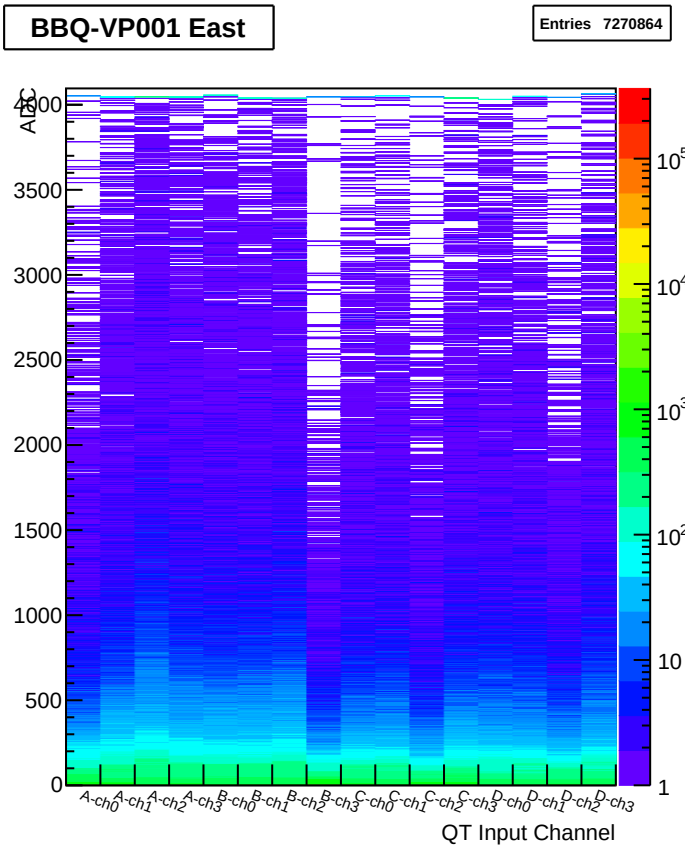

BBQ-BB001 (BBC east small tiles TAC)
Entries 7270864
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

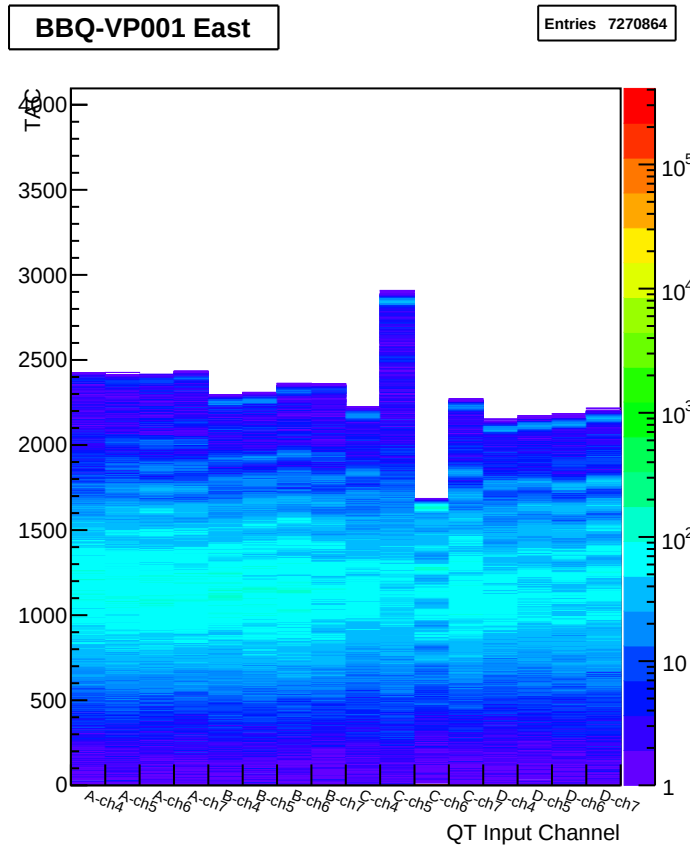

BBQ-BB002 (BBC west small tiles ADC)
Entries 7270864
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

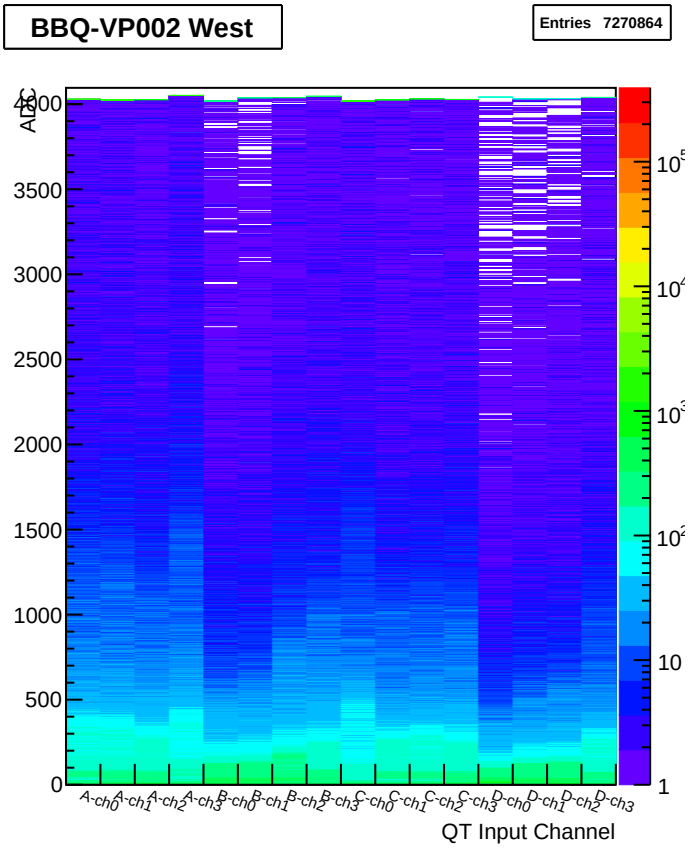

BBQ-BB002 (BBC west small tiles TAC)
Entries 7270864
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

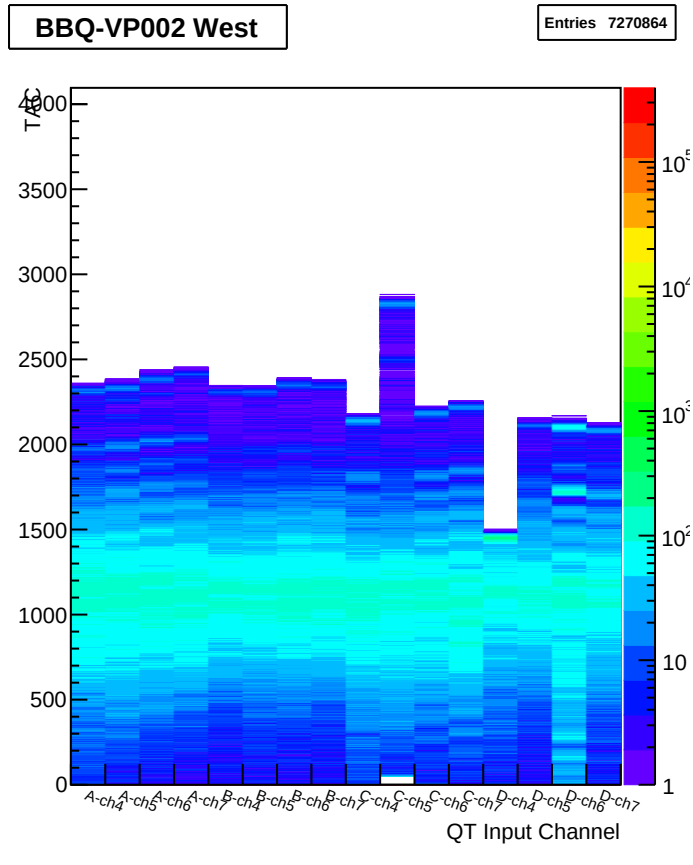

BBQ-ZD001 (ZDC TOWER)
Entries 7270864
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

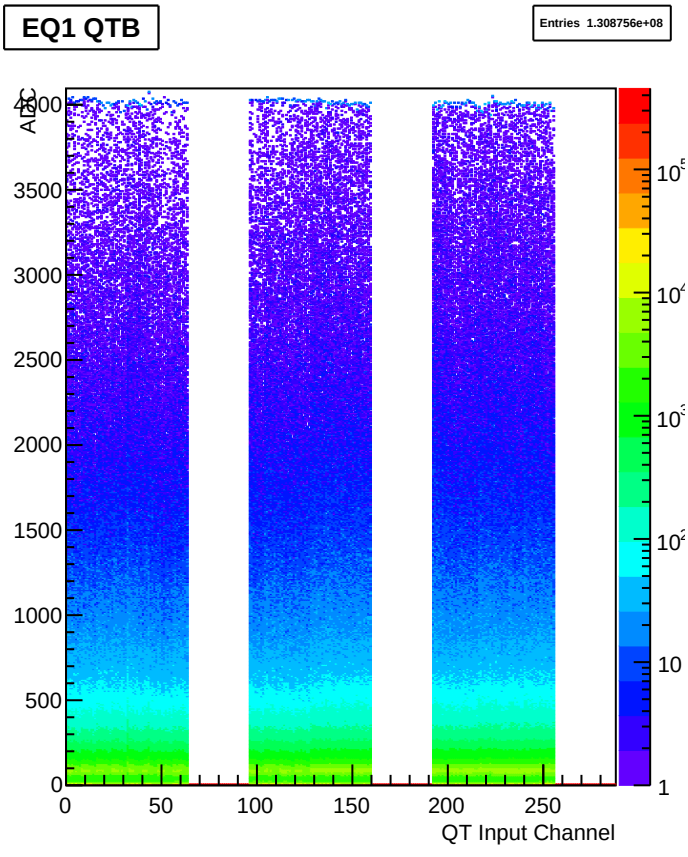

BBQ-ZD001 (ZDC TOWER)
Entries 7270864
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

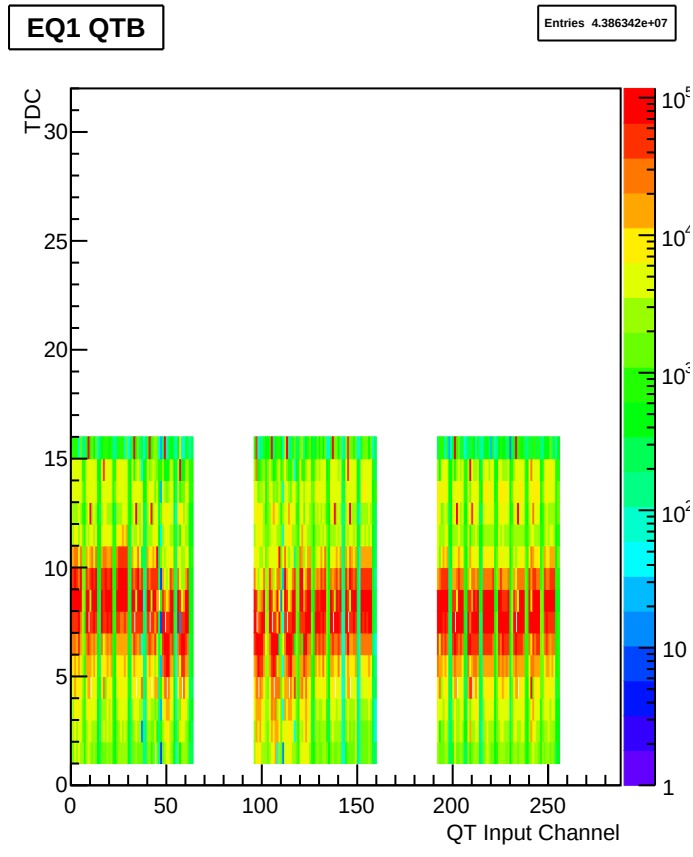

BBQ-VP001 East
Entries 7270864
ADC
QT Input Channel

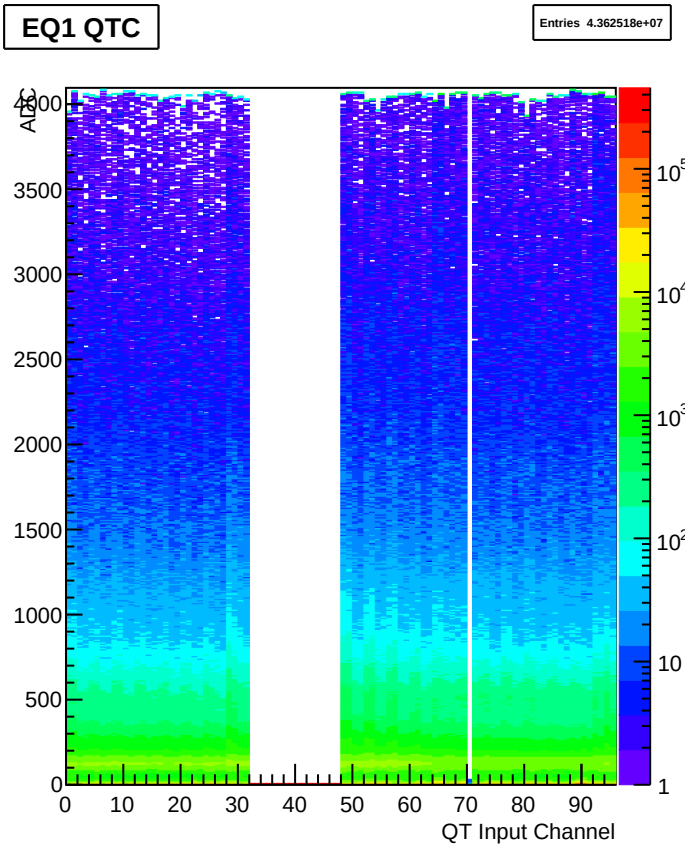

BBQ-VP001 East
Entries 7270864
ADC
QT Input Channel

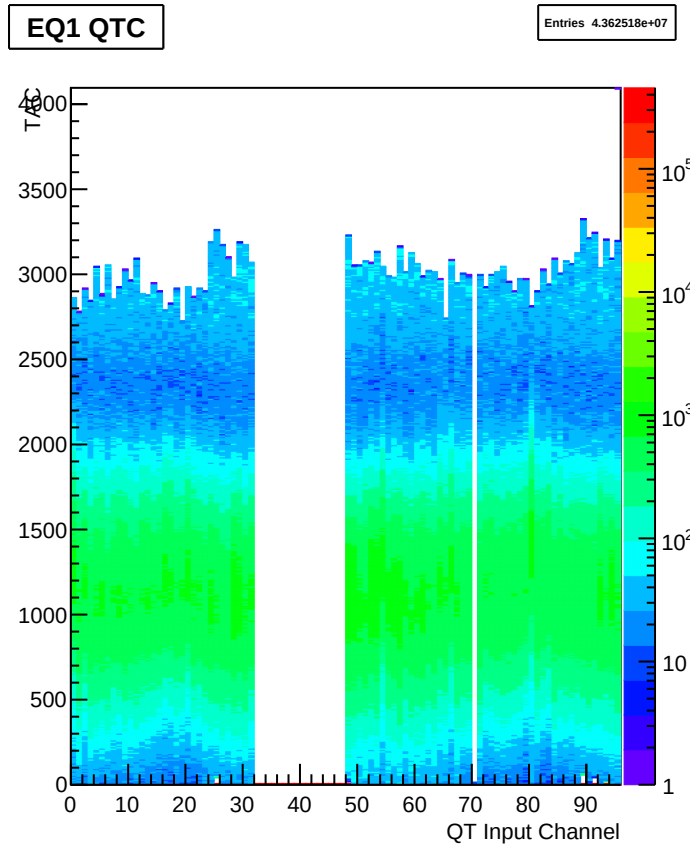

BBQ-VP002 West
Entries 7270864
ADC
QT Input Channel

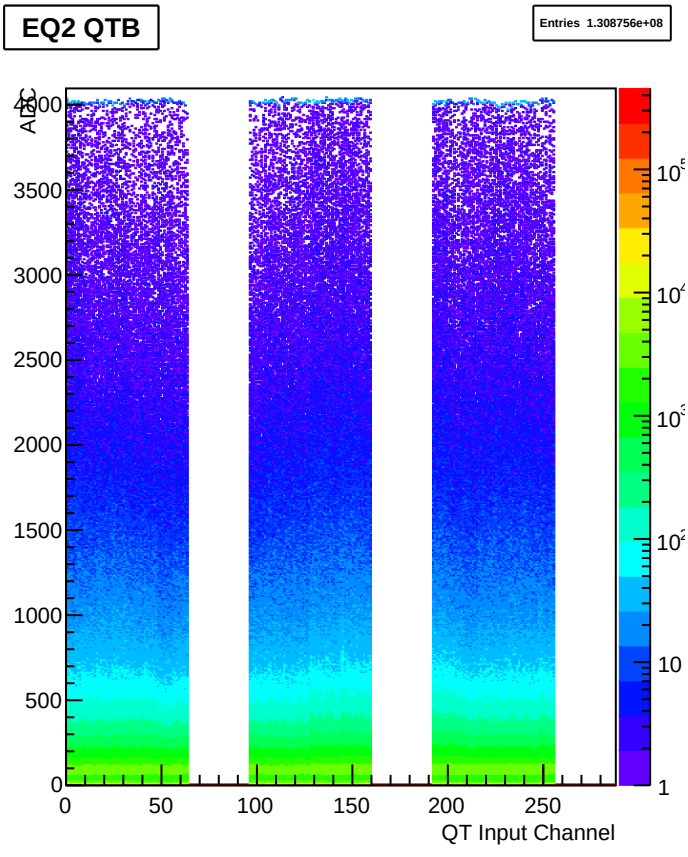

BBQ-VP002 West
Entries 7270864
ADC
QT Input Channel

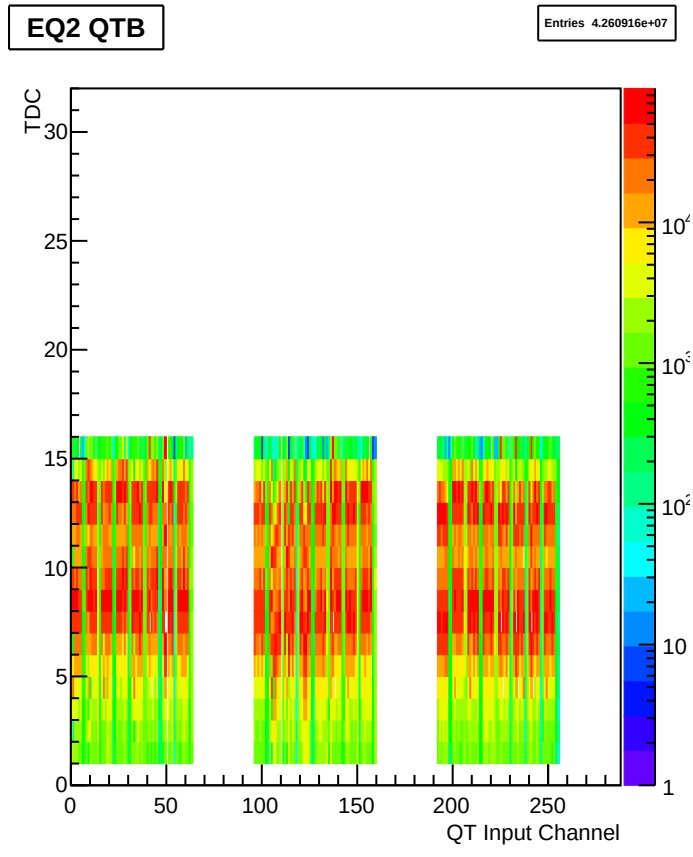

EQ1 QTB
Entries 1.308756e+08
ADC
QT Input Channel

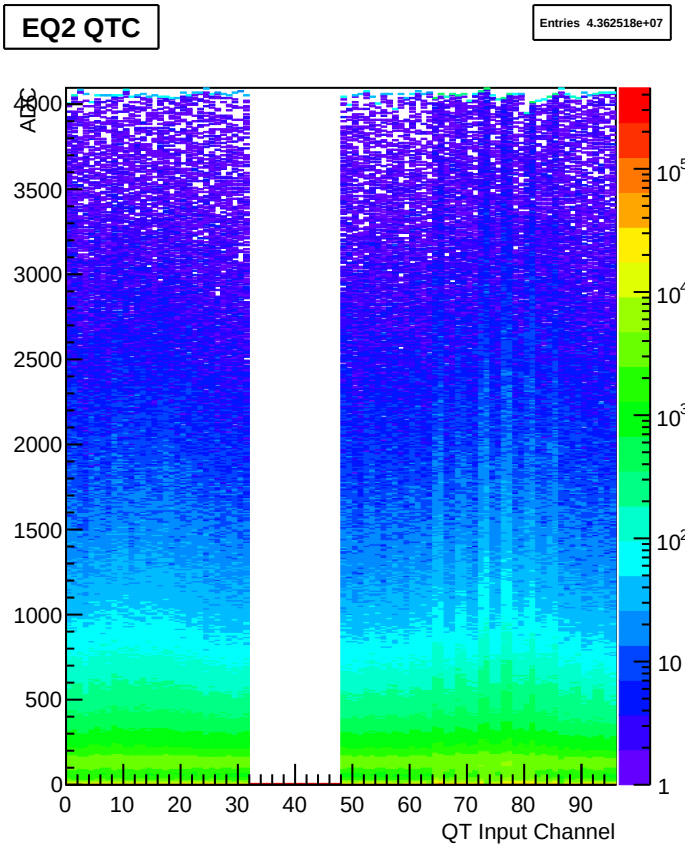

EQ1 QTB
Entries 4.386342e+07
TDC
QT Input Channel

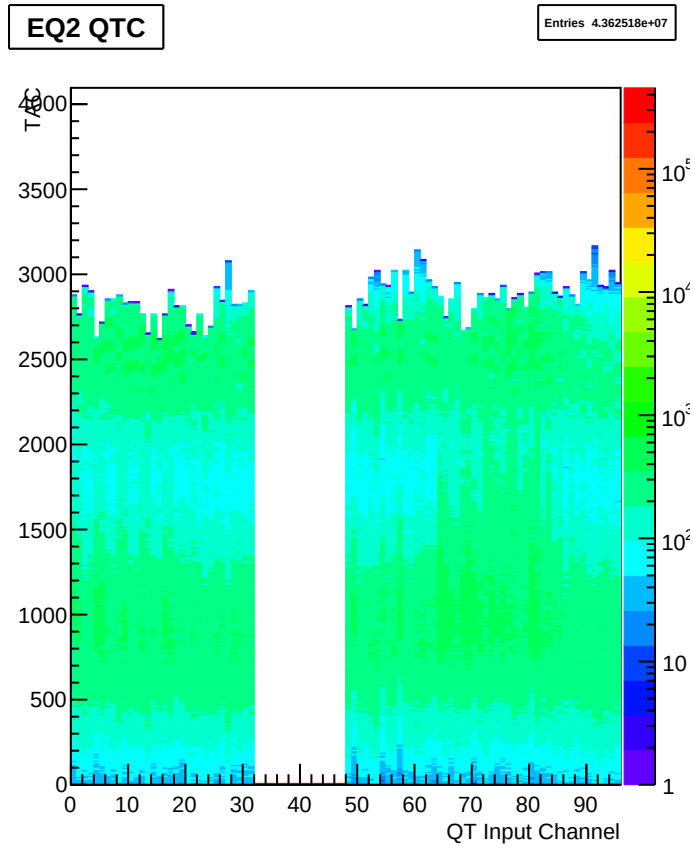

EQ1 QTC
Entries 4.362518e+07
ADC
QT Input Channel

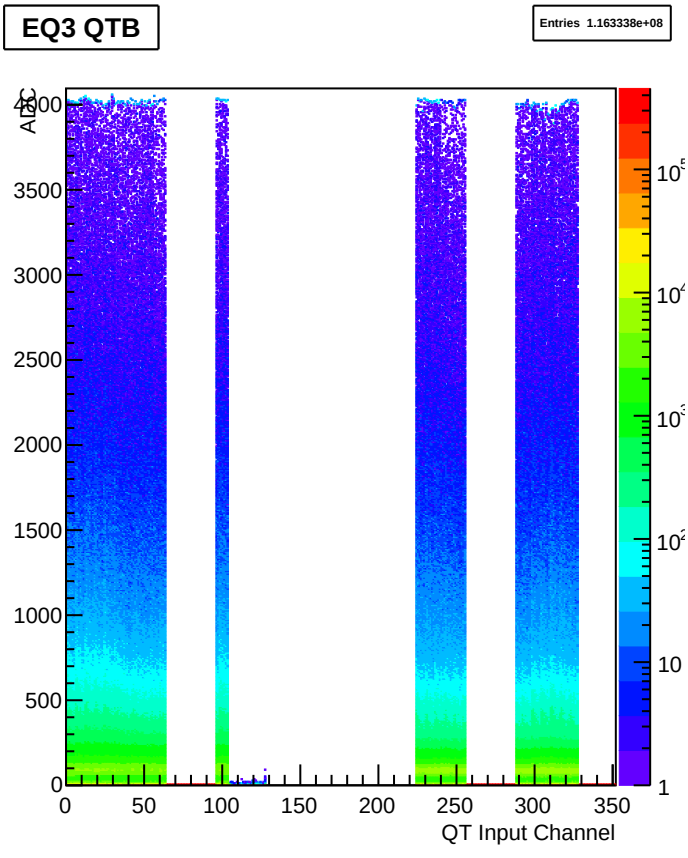

EQ1 QTC
Entries 4.362518e+07
TADC
QT Input Channel

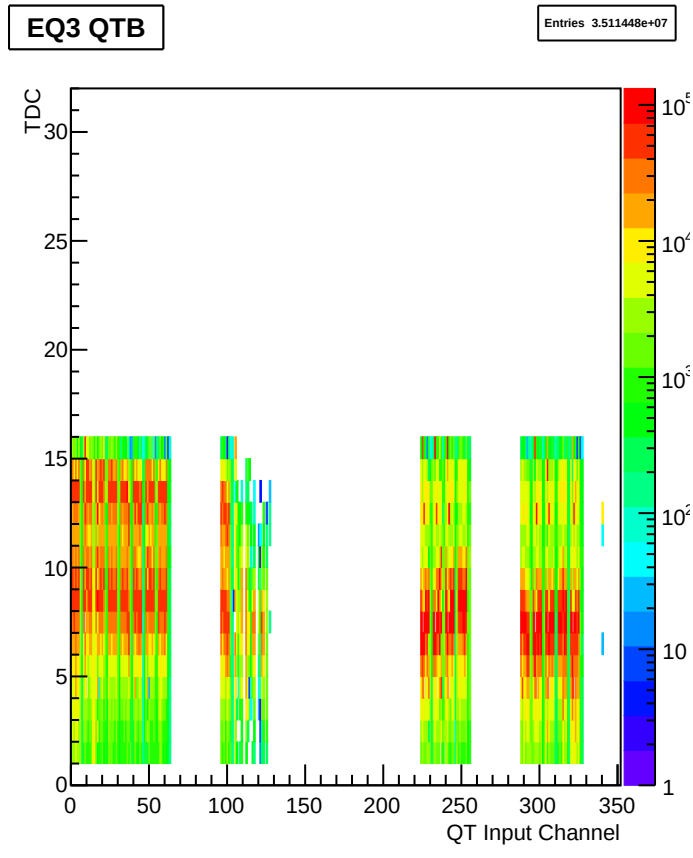

EQ2 QTB
Entries 1.308756e+08
ADC
QT Input Channel

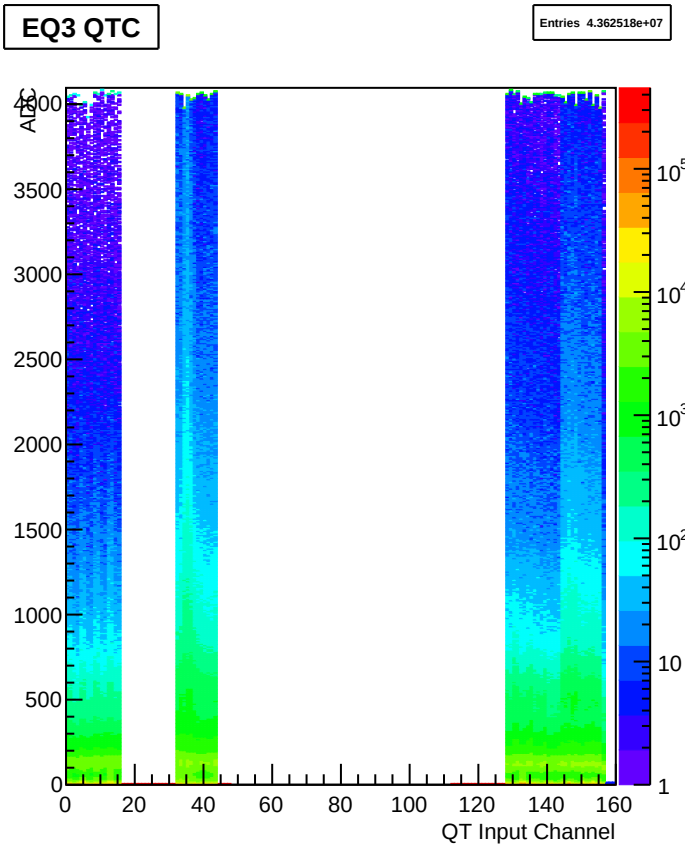

EQ2 QTB
Entries 4.260916e+07
TDC
QT Input Channel

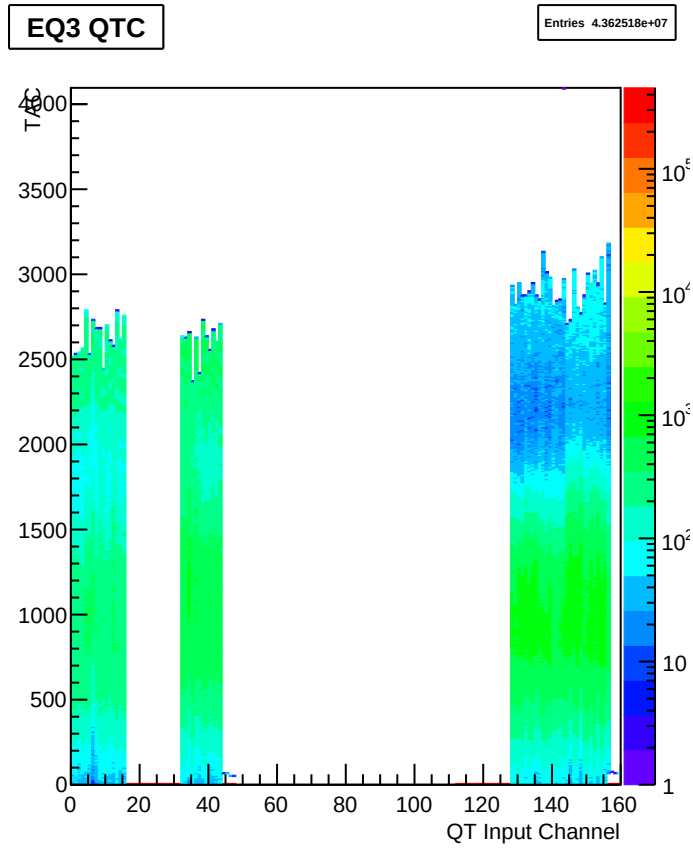

EQ2 QTC
Entries 4.362518e+07
ADC
QT Input Channel

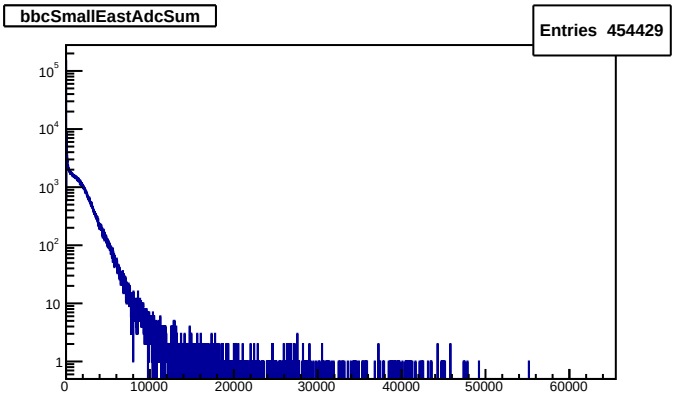

EQ2 QTC
Entries 4.362518e+07
TADC
QT Input Channel

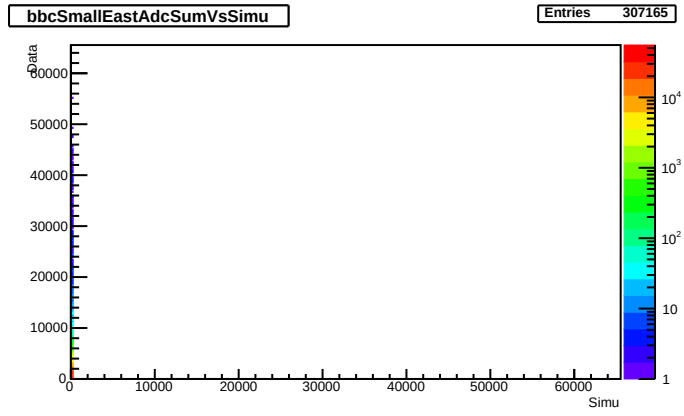

EQ3 QTB
Entries 1.163338e+08
ADC
QT Input Channel

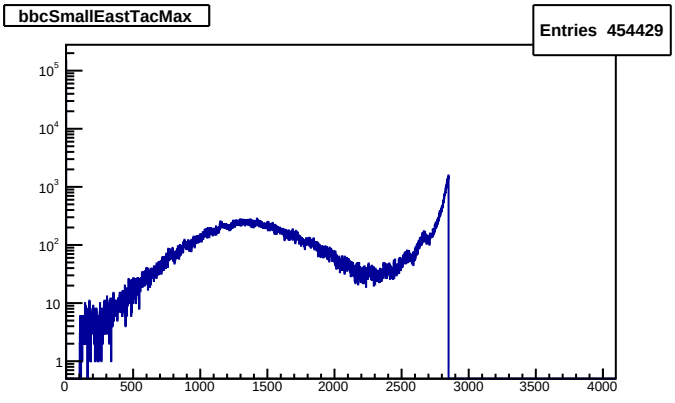

EQ3 QTB
Entries 3.511448e+07
TDC
QT Input Channel


EQ3 QTC
Entries 4.362518e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.362518e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 454429


bbcSmallEastAdcSumVsSimu
Entries 307165
Data
Simu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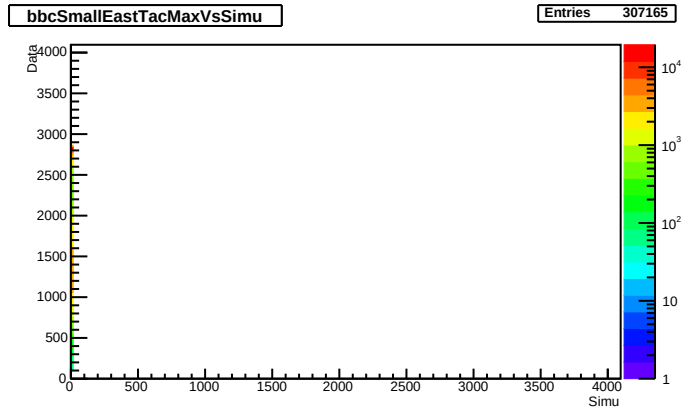
Entries 454429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Entries 307165
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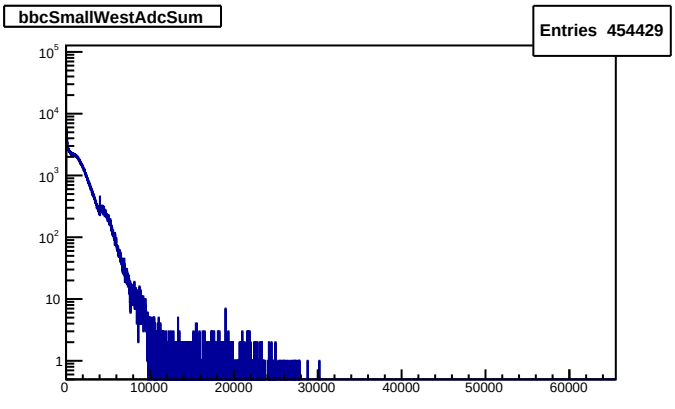
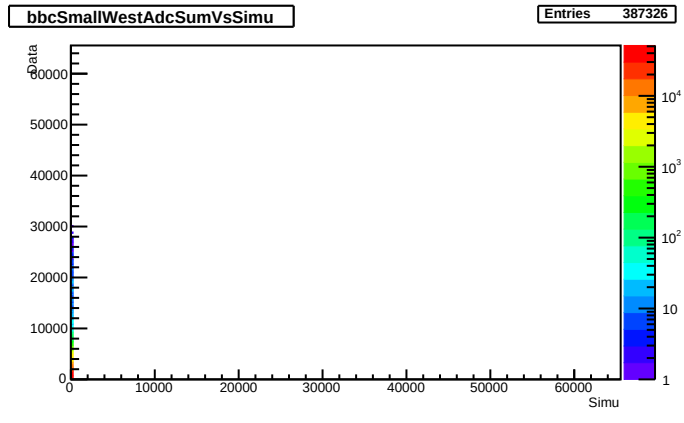
Simu


bbcSmallWestAdcSum
Entries 454429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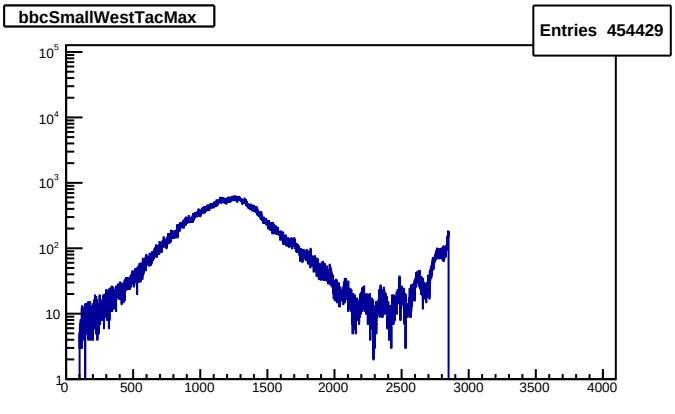
Entries 387326
Data
Simu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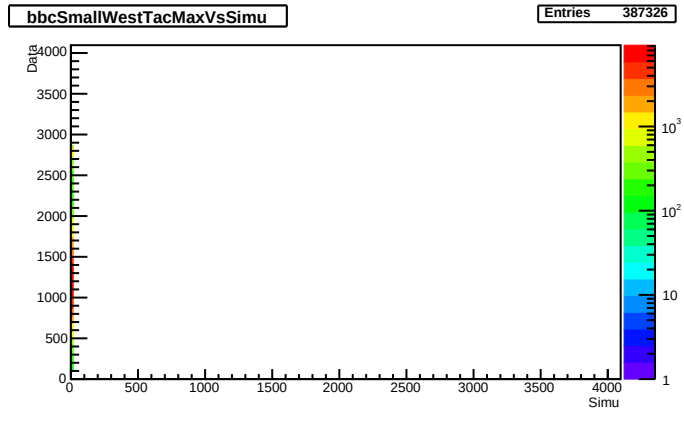
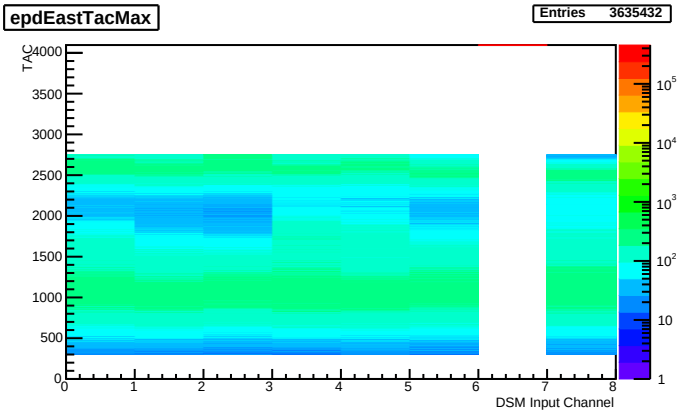

bbcSmallWestTacMaxVsSimu
Entries 387326
Data
Simu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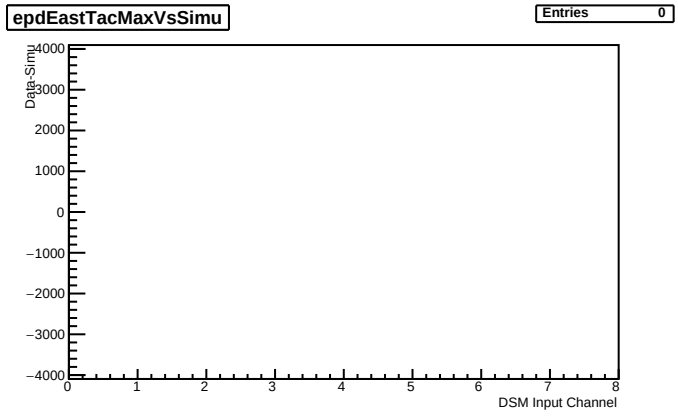
Entries 3635432
TAC
DSM Input Channel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Entries 0
Data-Simu
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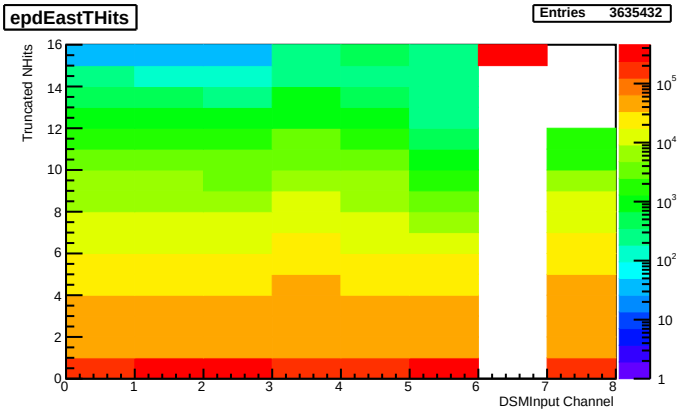
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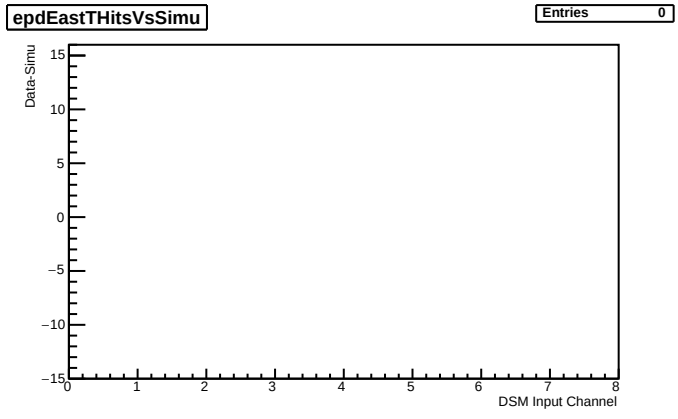
Entries 3635432
Truncated NHits
DSMInput Channel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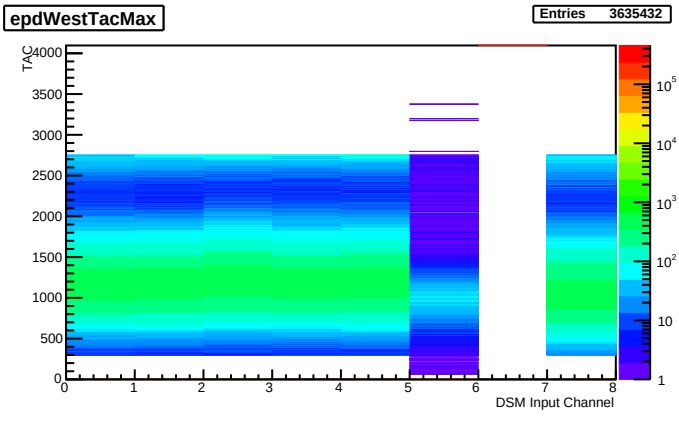
Data-Simu
DSM Input Channel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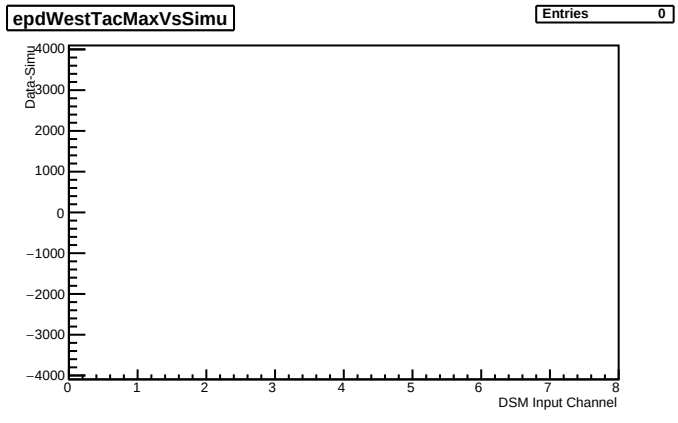
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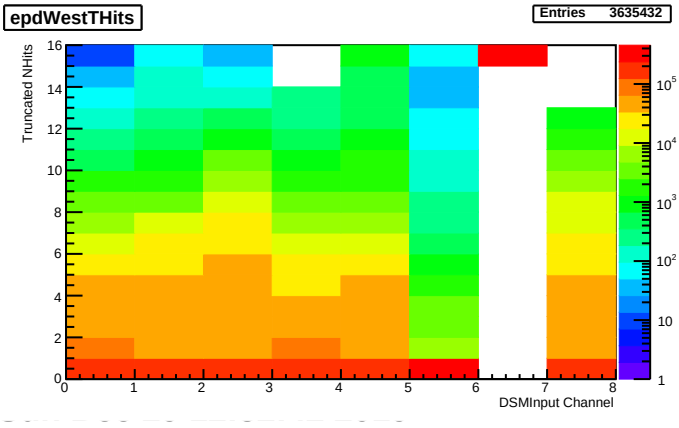
Data-Simu
DSM Input Channel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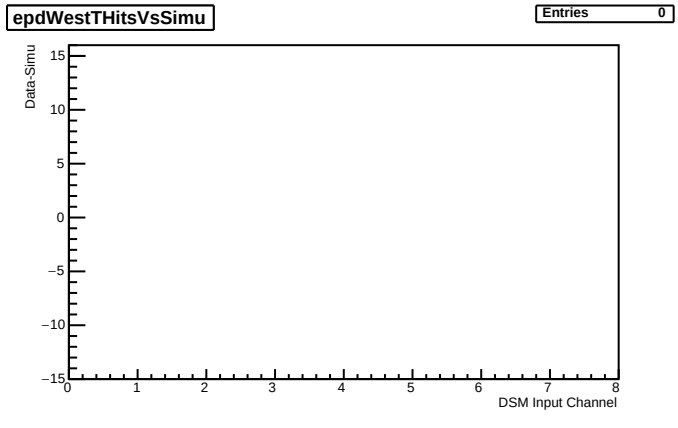
Entries 3635432
Truncated NHits
DSMInput Channel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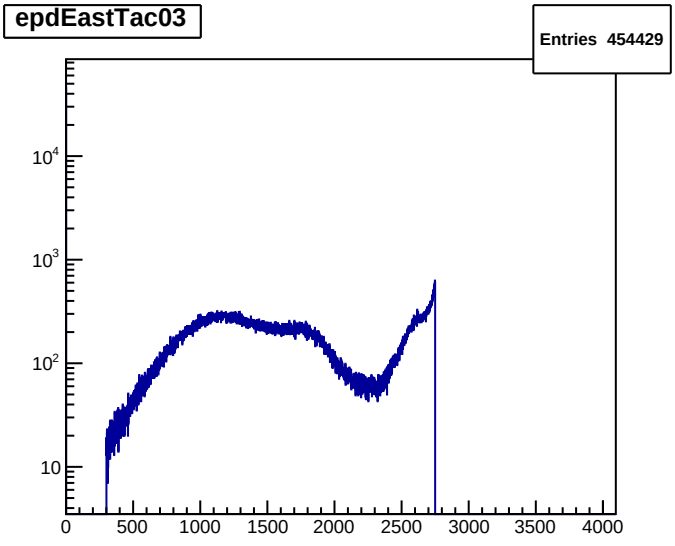
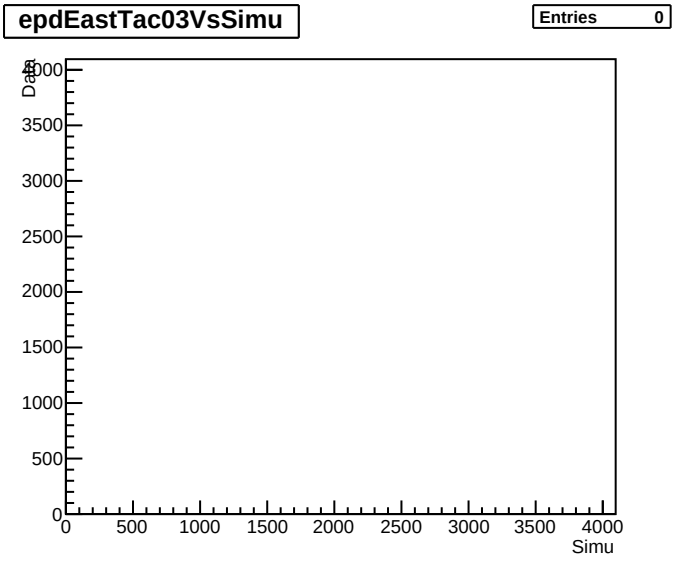
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 454429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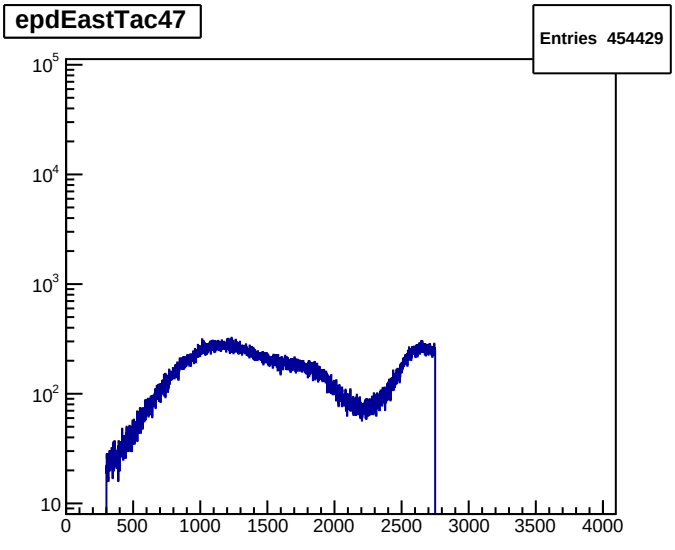
Entries 0
Data
Simu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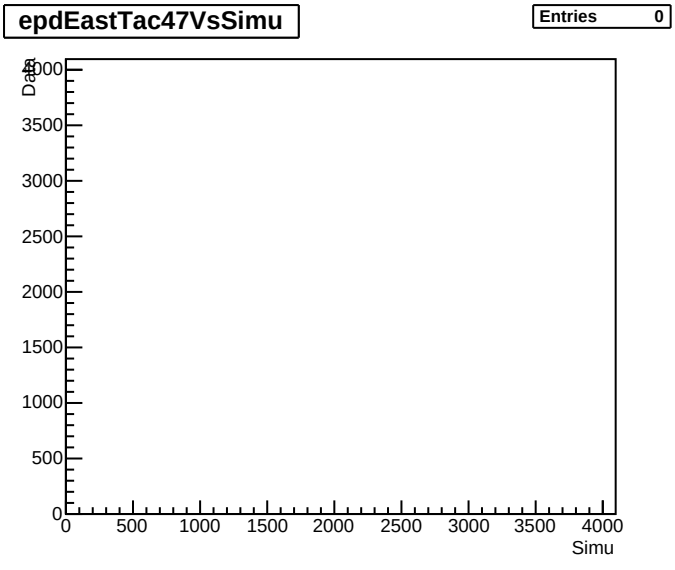
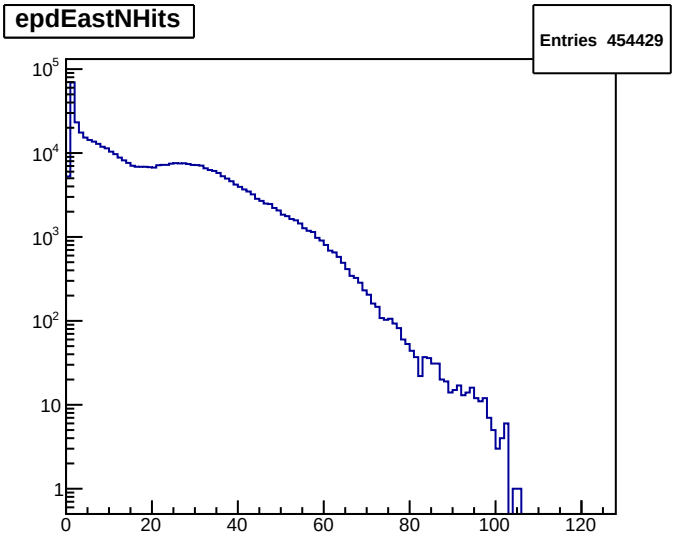
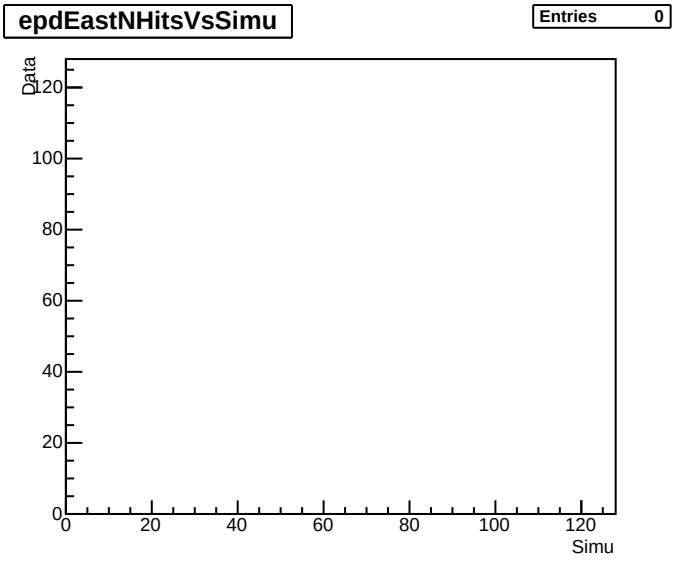
Entries 454429


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 454429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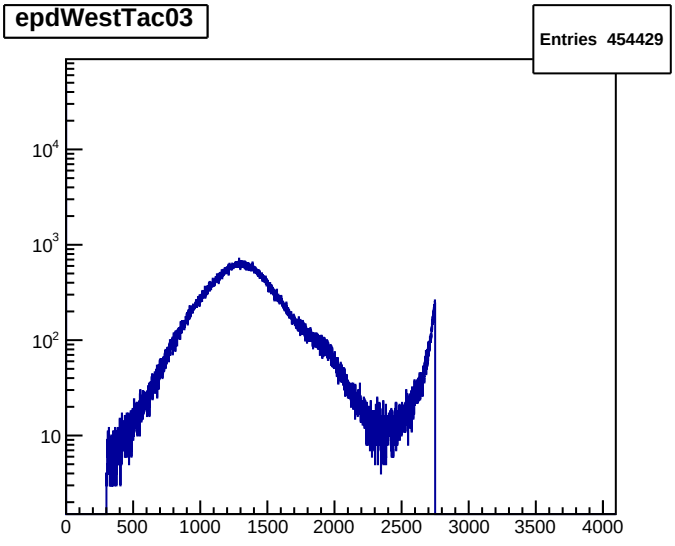
Entries 0
Data
Simu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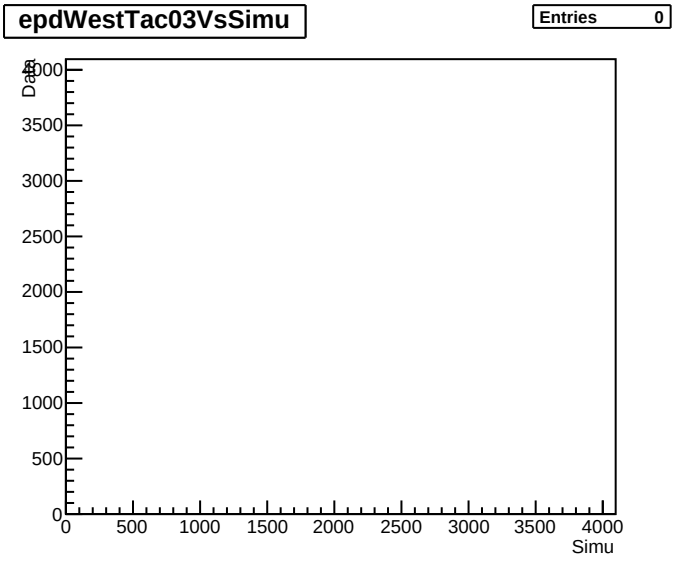
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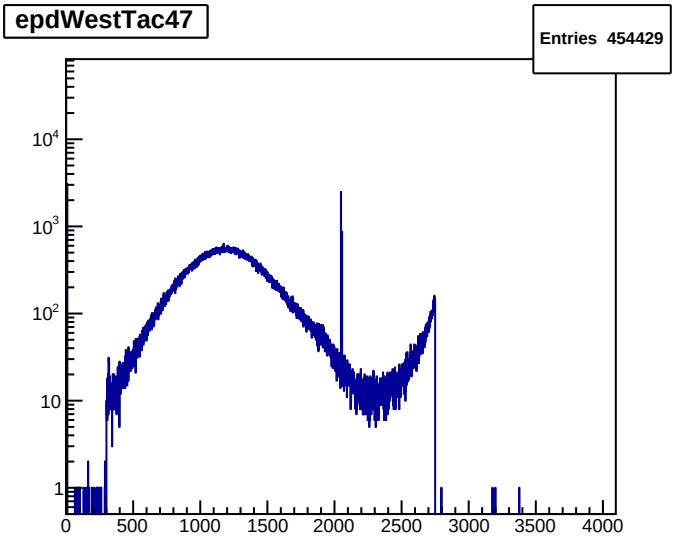
Entries 0
Data
Simu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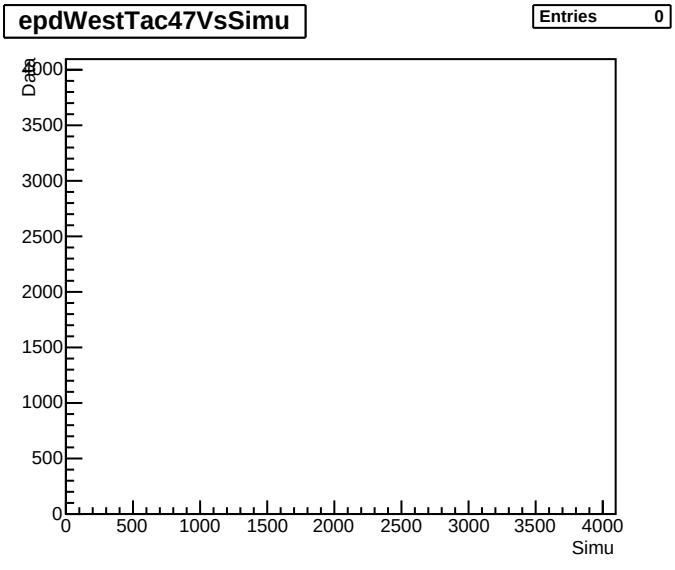
Entries 454429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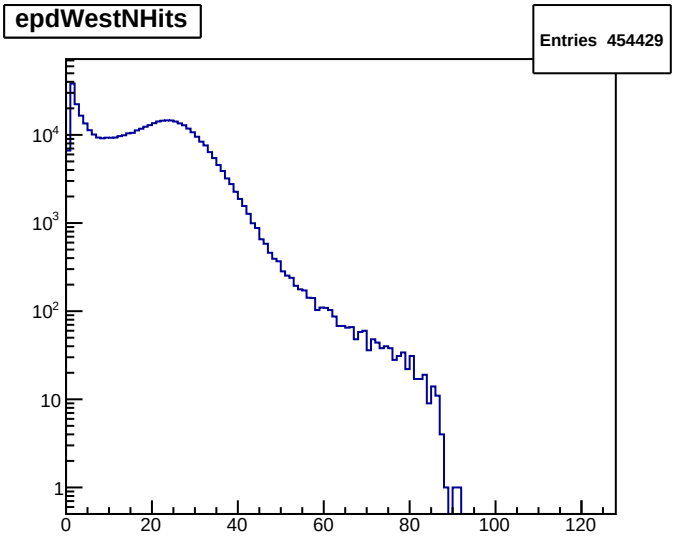
Entries 0
Data
Simu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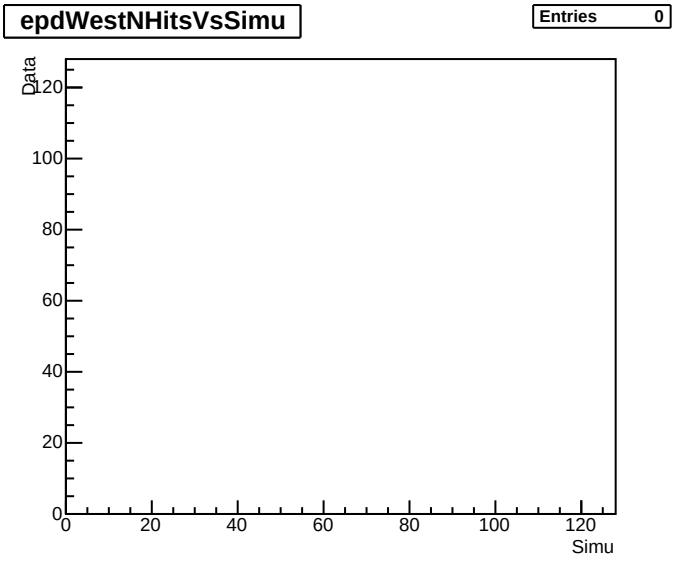
Entries 454429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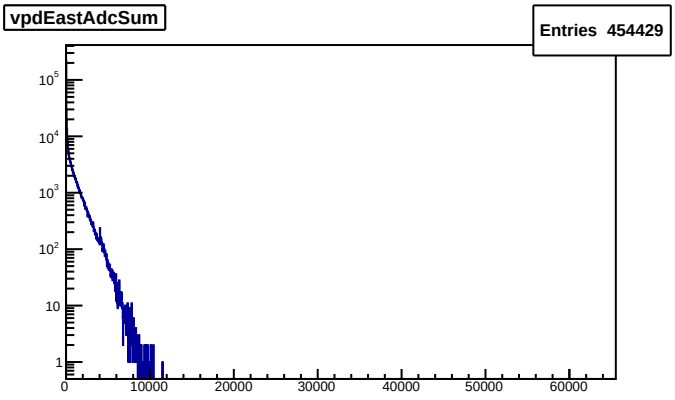
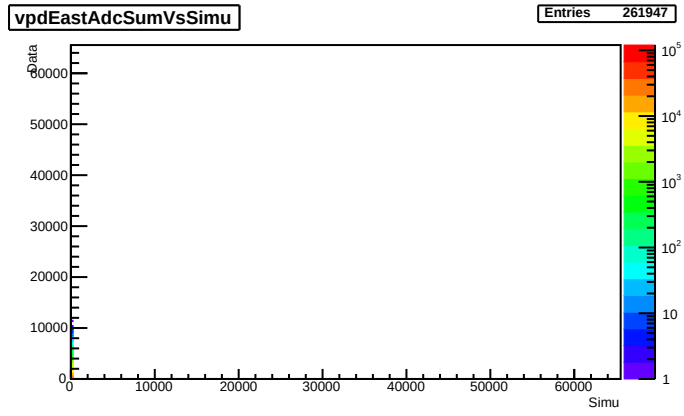
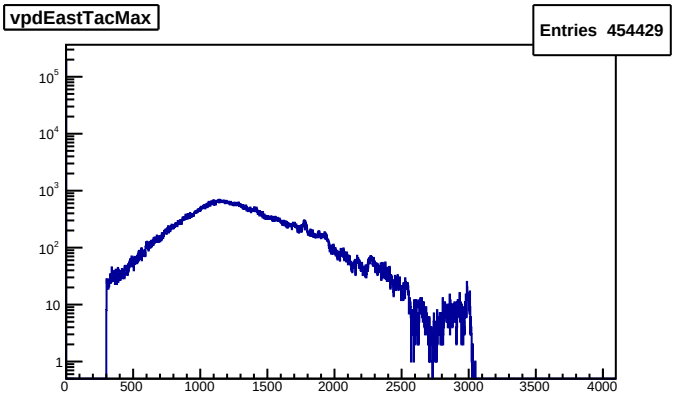
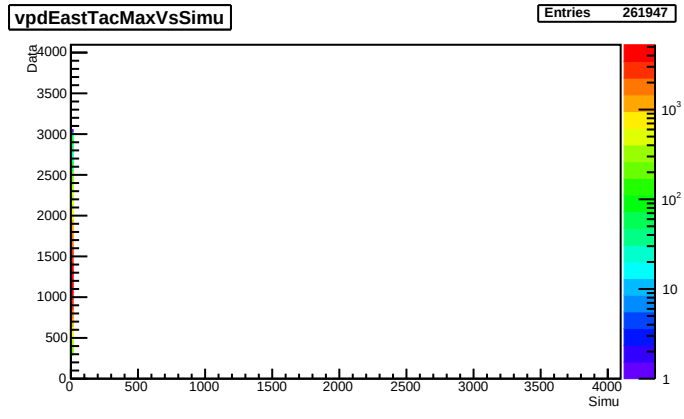
Entries 0
Data
Simu


vpdEastAdcSum
Entries 454429


vpdEastAdcSumVsSimu
Entries 261947
Data
Simu


vpdEastTacMax
Entries 454429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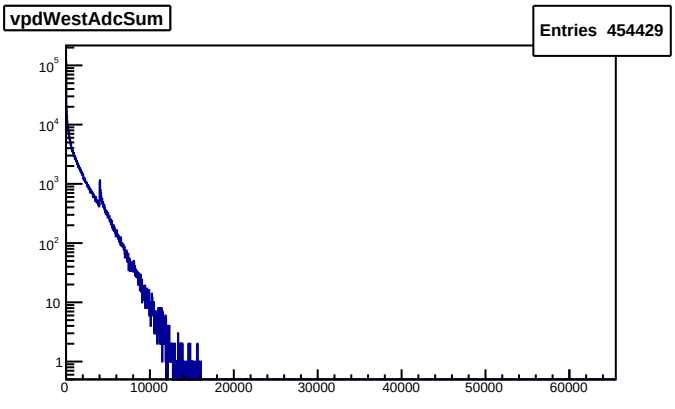
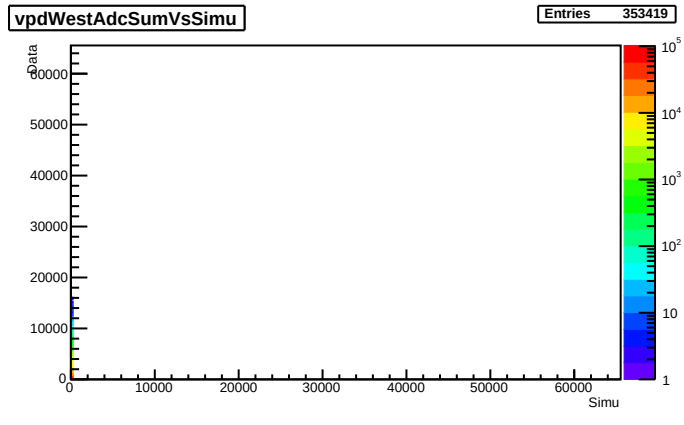
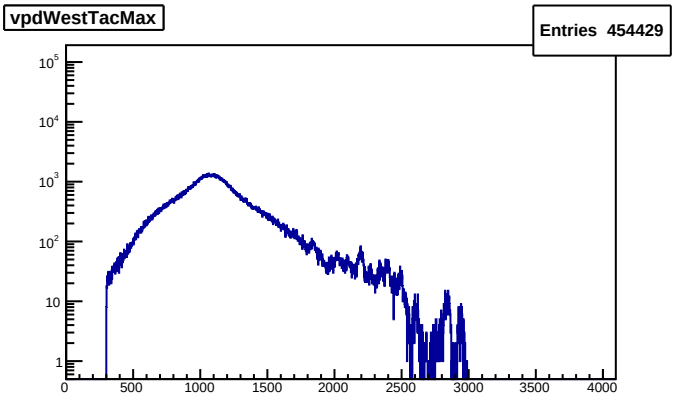
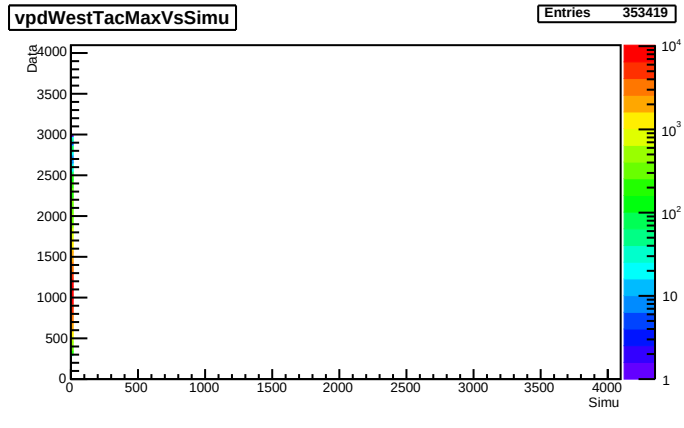
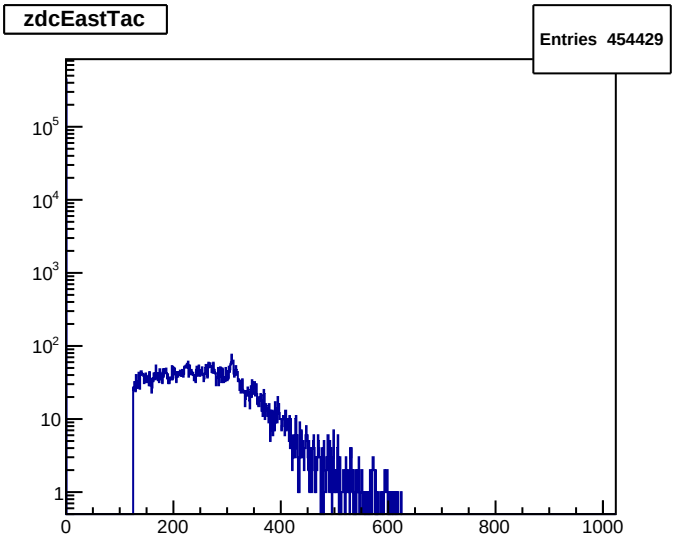
Entries 261947
Data
Simu

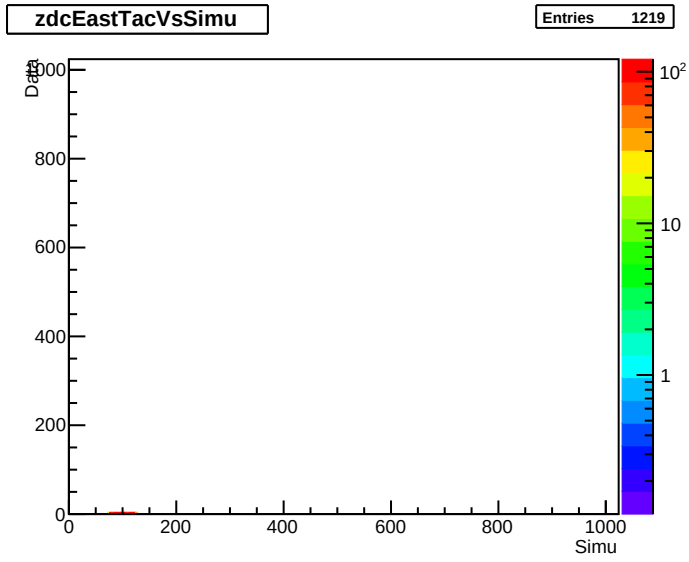

vpdWestAdcSum
Entries 454429

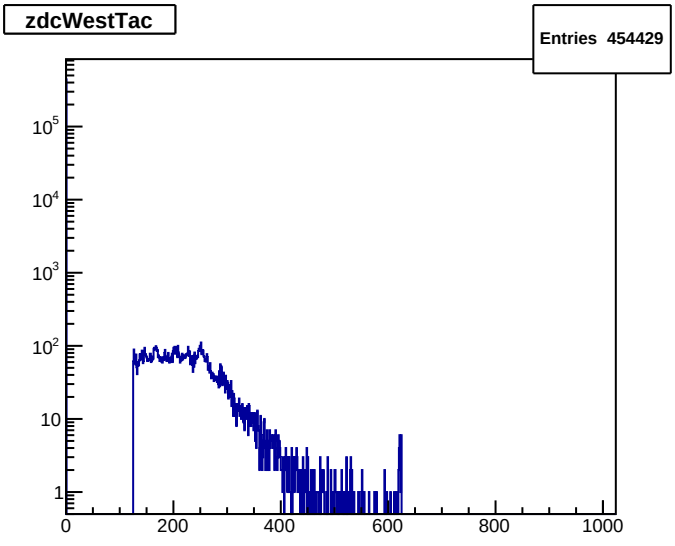

vpdWestAdcSumVsSimu
Entries 353419
Data
Simu

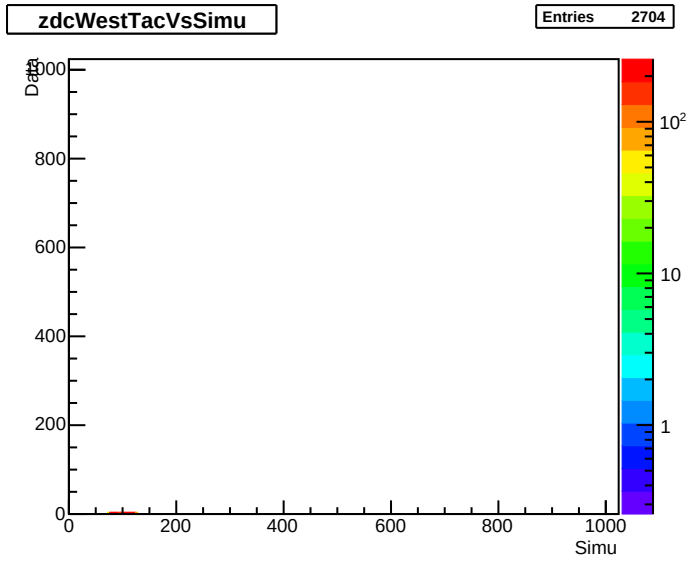

vpdWestTacMax
Entries 454429

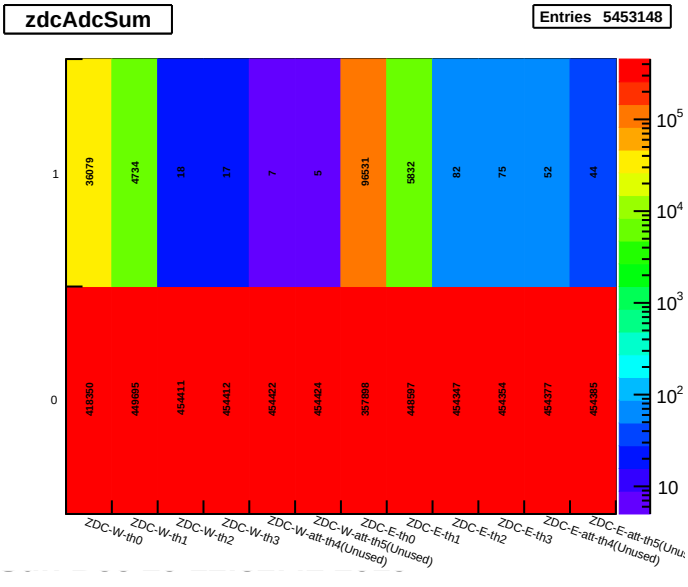

vpdWestTacMaxVsSimu
Entries 353419
Data
Simu

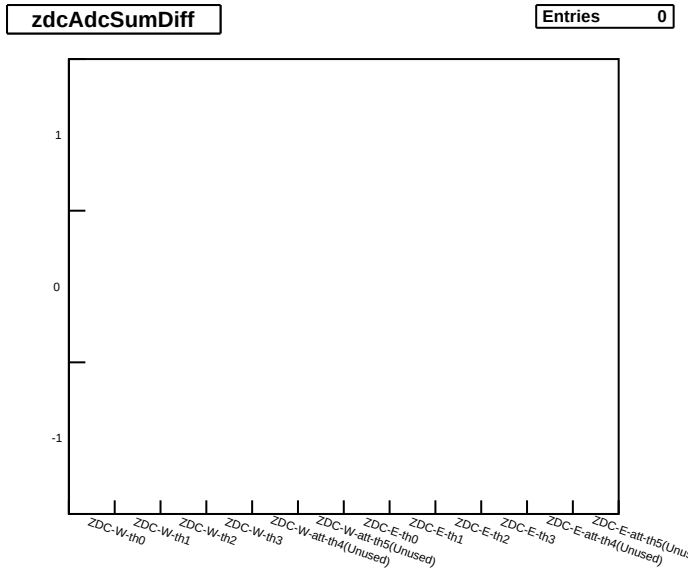

zdcEastTac
Entries 454429

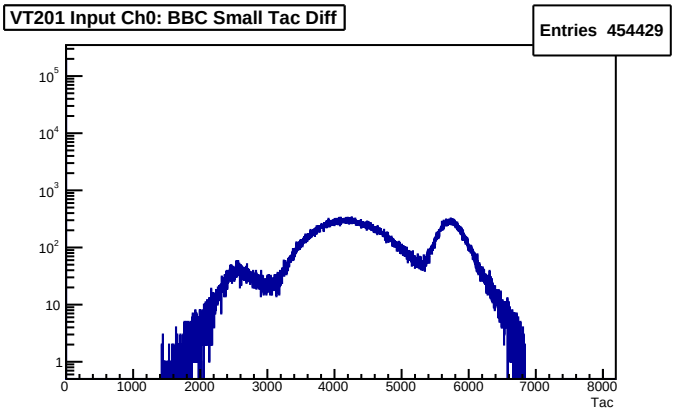

zdcEastTacVsSimu
Entries 1219
Data
Simu

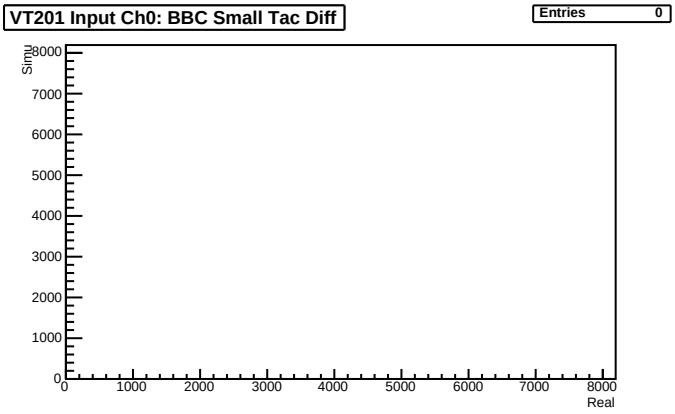

zdcWestTac
Entries 454429

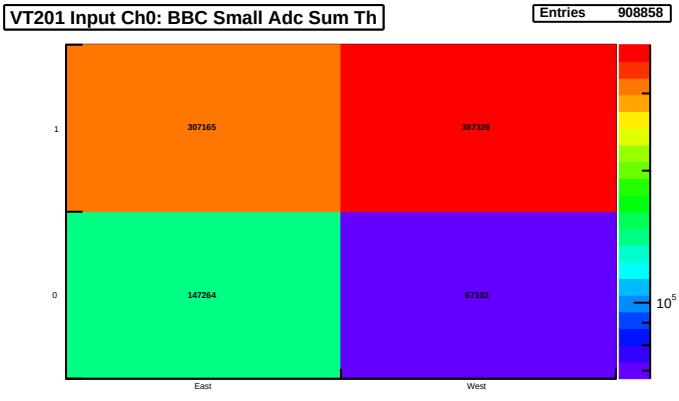

zdcWestTacVsSimu
Entries 2704
Data
Simu

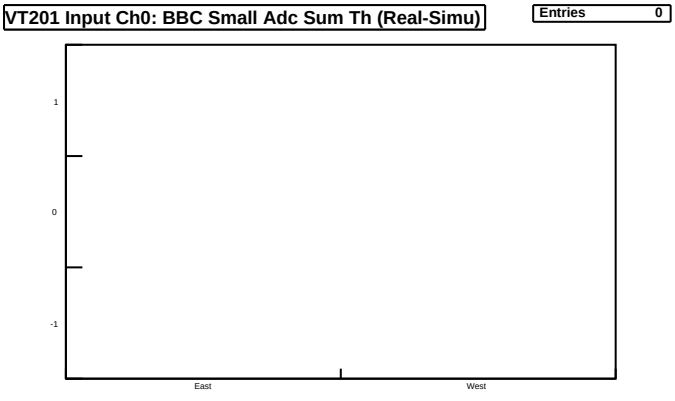

zdcAdcSum
Entries 5453148
36079
4734
18
17
7
5
96531
5832
82
75
52
44
418350
449695
454411
454412
454422
454424
357898
448597
454347
454354
454377
454385
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

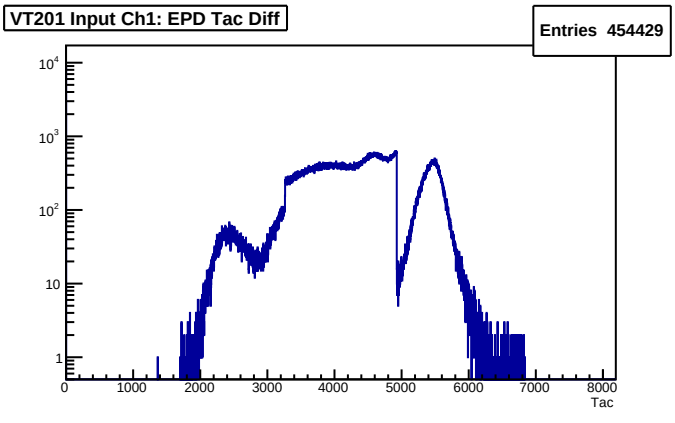

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

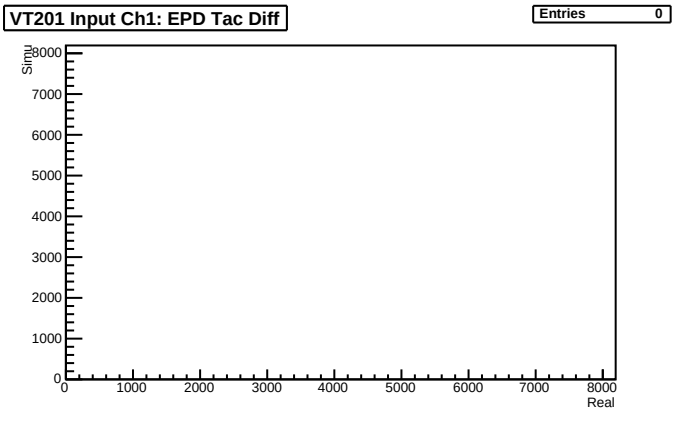

VT201 Input Ch0: BBC Small Tac Diff
Entries 454429
Tac

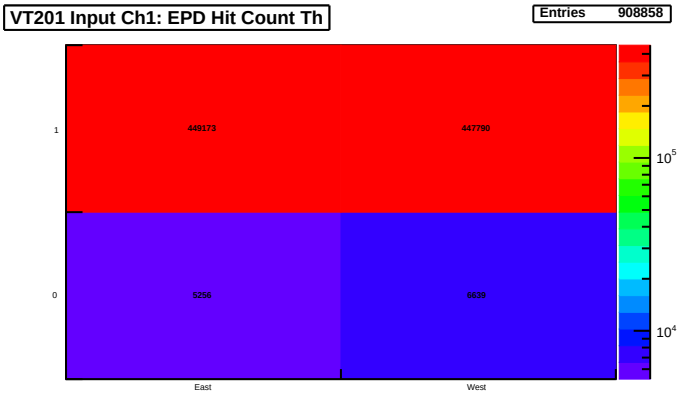

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

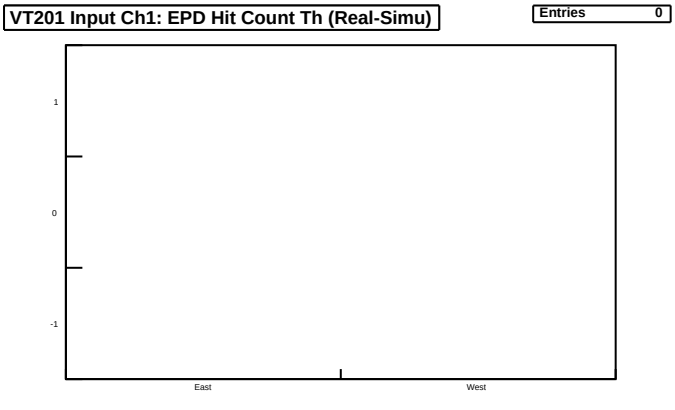

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 908858
307165
387326
147264
67103
East
West

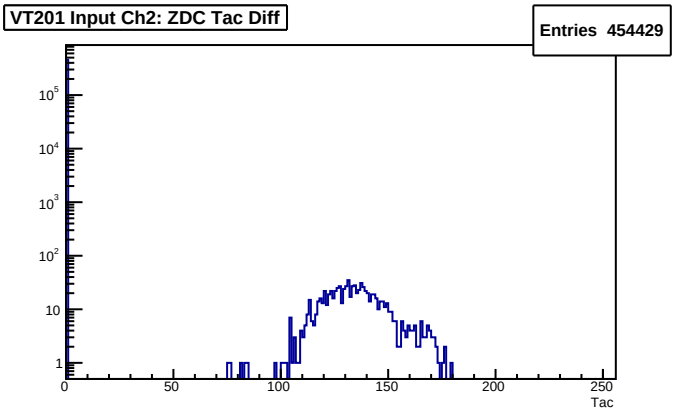

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

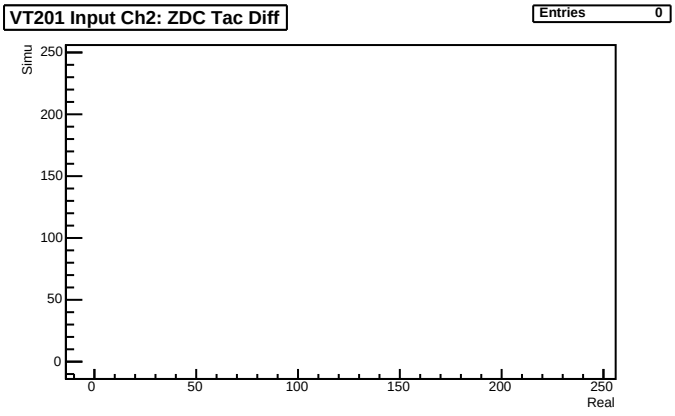

VT201 Input Ch1: EPD Tac Diff
Entries 454429
Tac

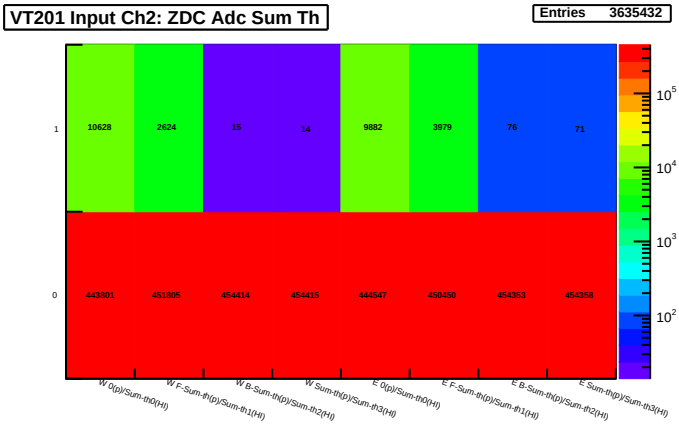

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

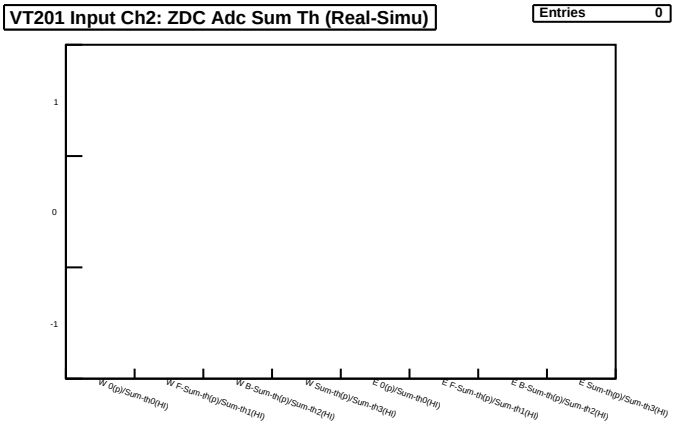

VT201 Input Ch1: EPD Hit Count Th
Entries 908858
449173
447790
5256
6639
East
West

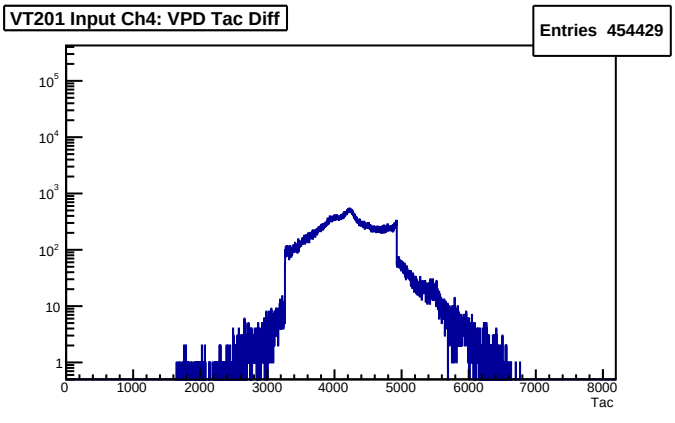

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

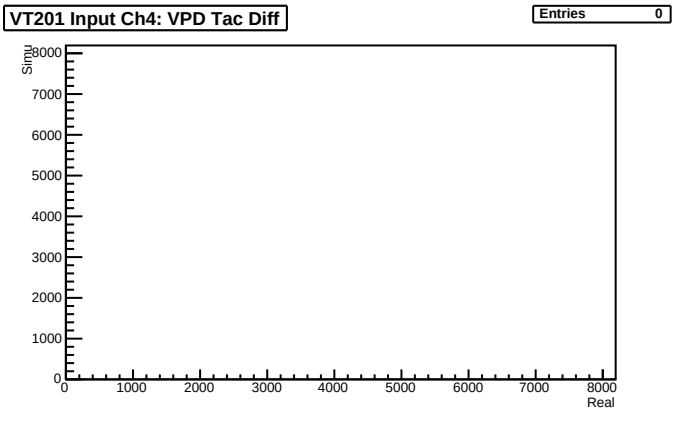

VT201 Input Ch2: ZDC Tac Diff
Entries 454429
Tac

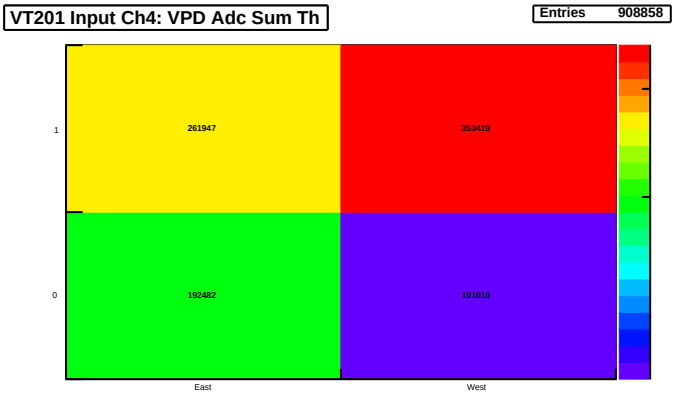

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

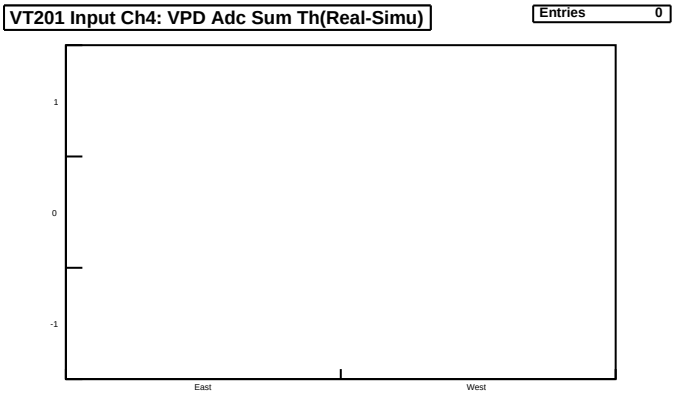

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3635432
10628
2624
15
14
9882
3979
76
71
443801
451805
454414
454415
444547
450450
454353
454358
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

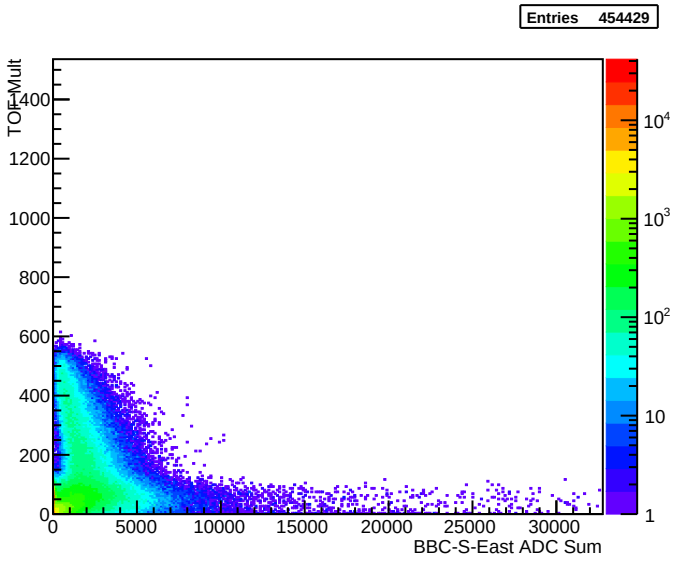

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

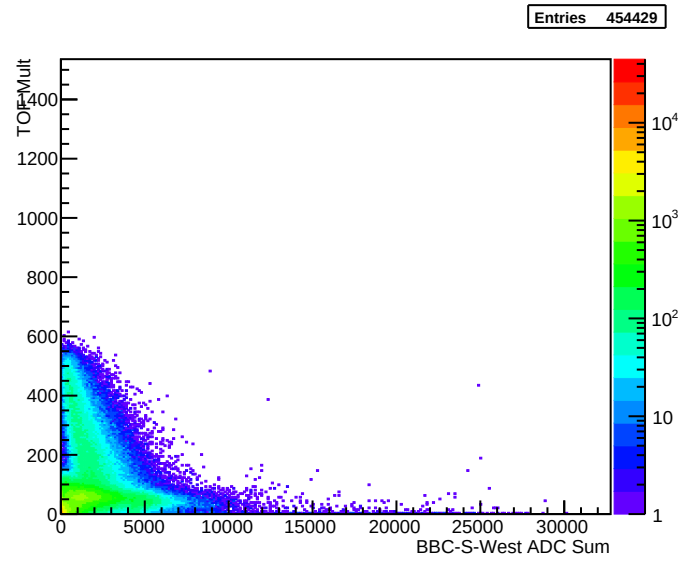

VT201 Input Ch4: VPD Tac Diff
Entries 454429
Tac

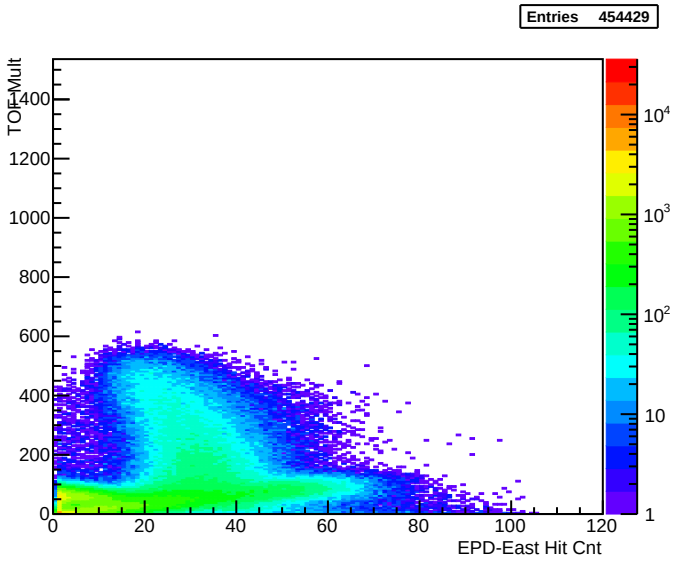

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

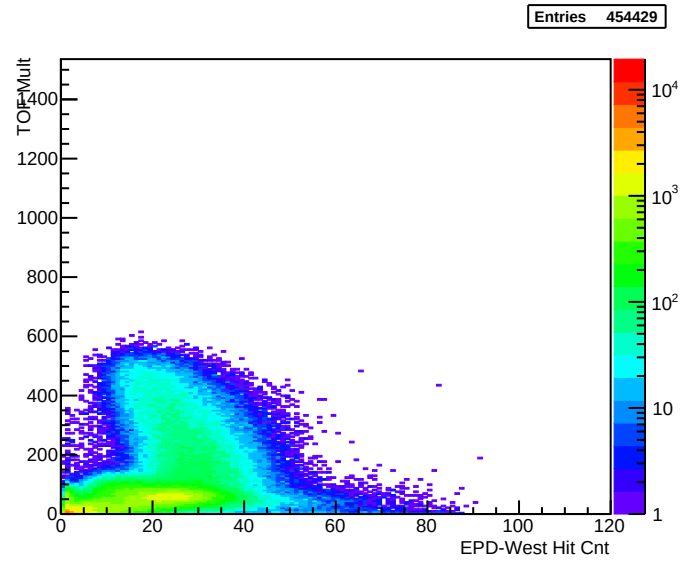

VT201 Input Ch4: VPD Adc Sum Th
Entries 908858
261947
353419
192482
101010
East
West

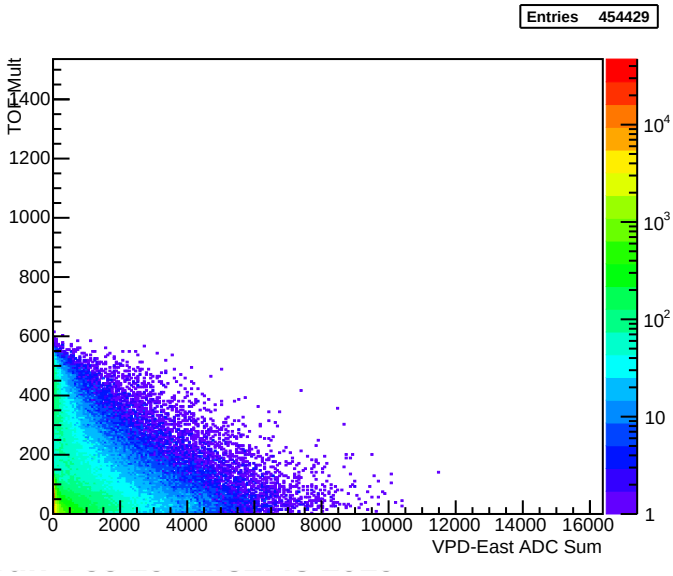

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

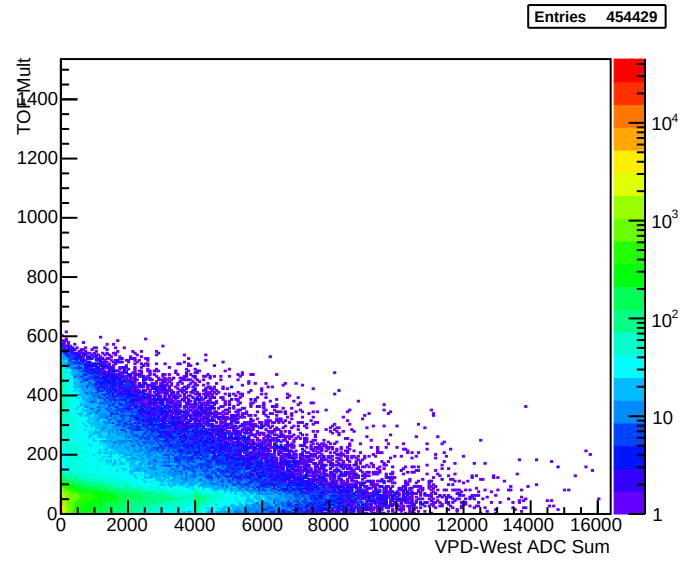

Entries 454429
TOF-Mult
BBC-S-East ADC Sum

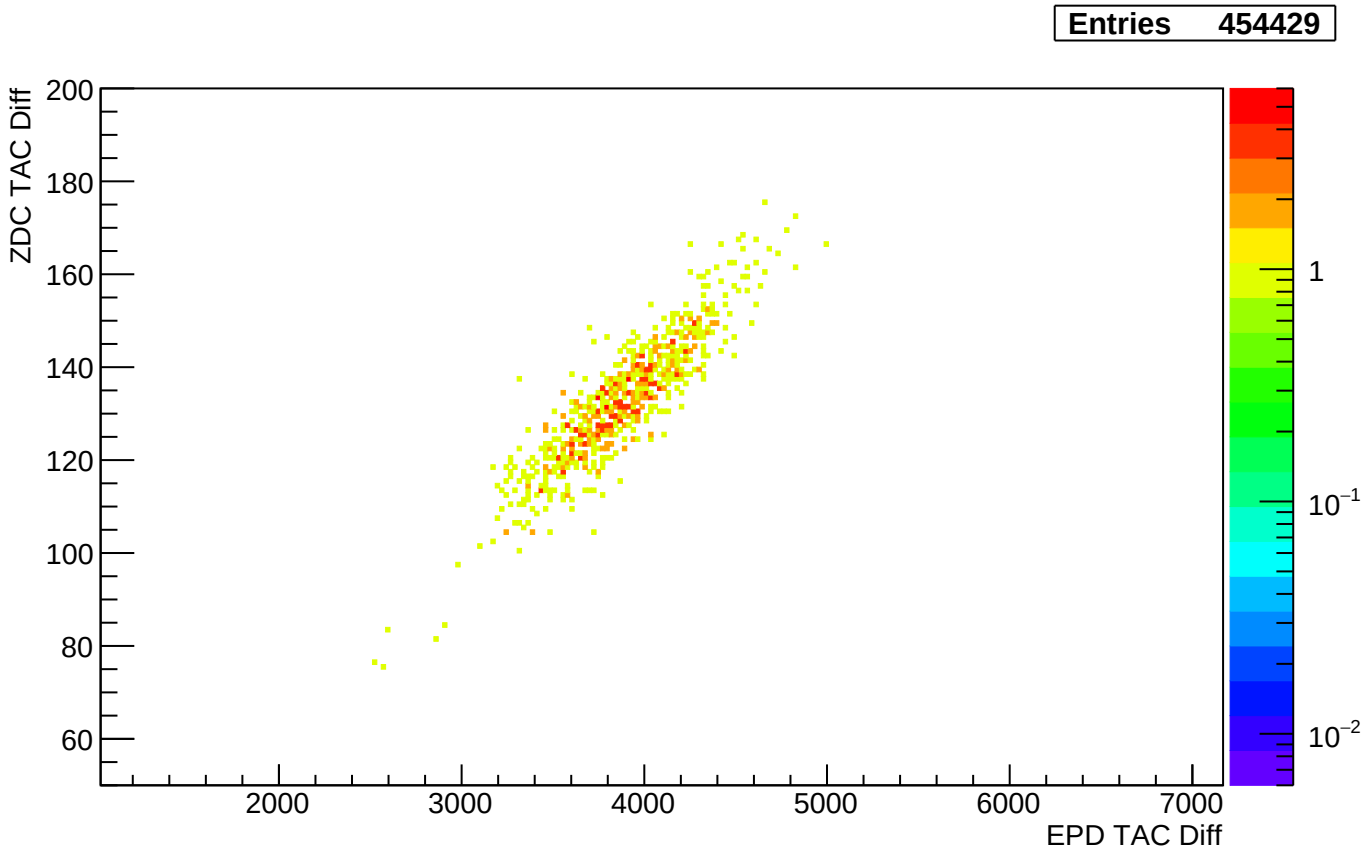

Entries 454429
TOF-Mult
BBC-S-West ADC Sum

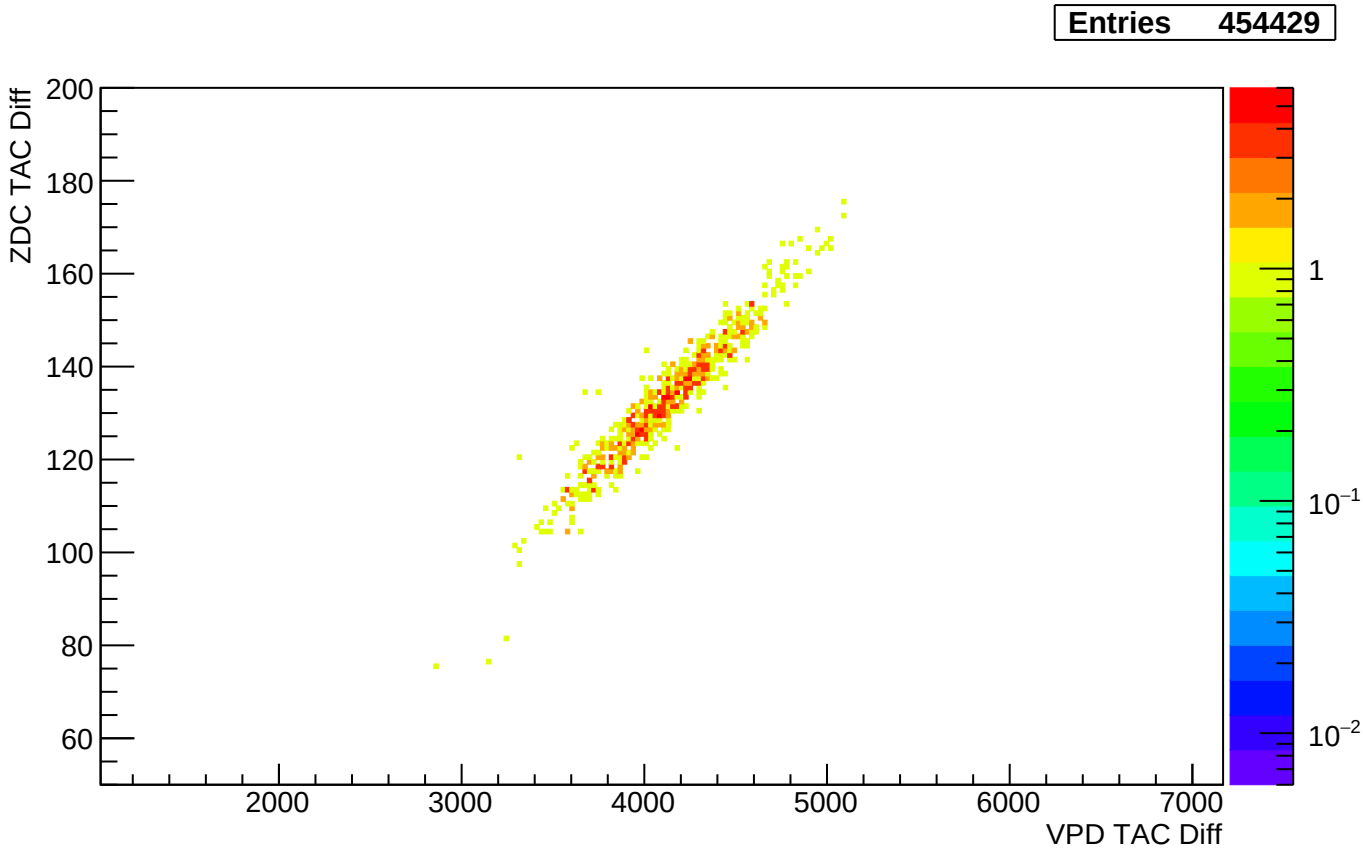

Entries 454429
TOF-Mult
EPD-East Hit Cnt

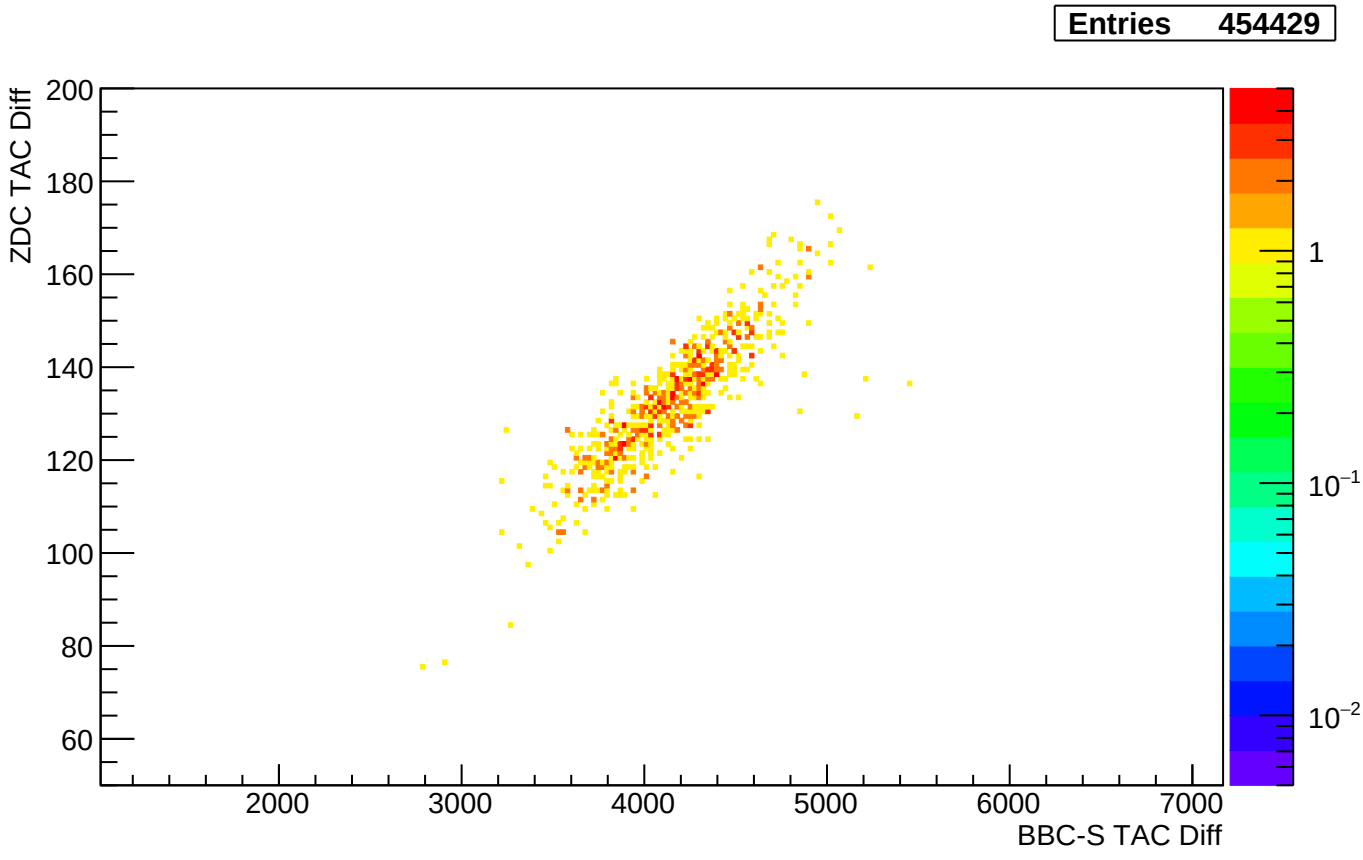

Entries 454429
TOF-Mult
EPD-West Hit Cnt

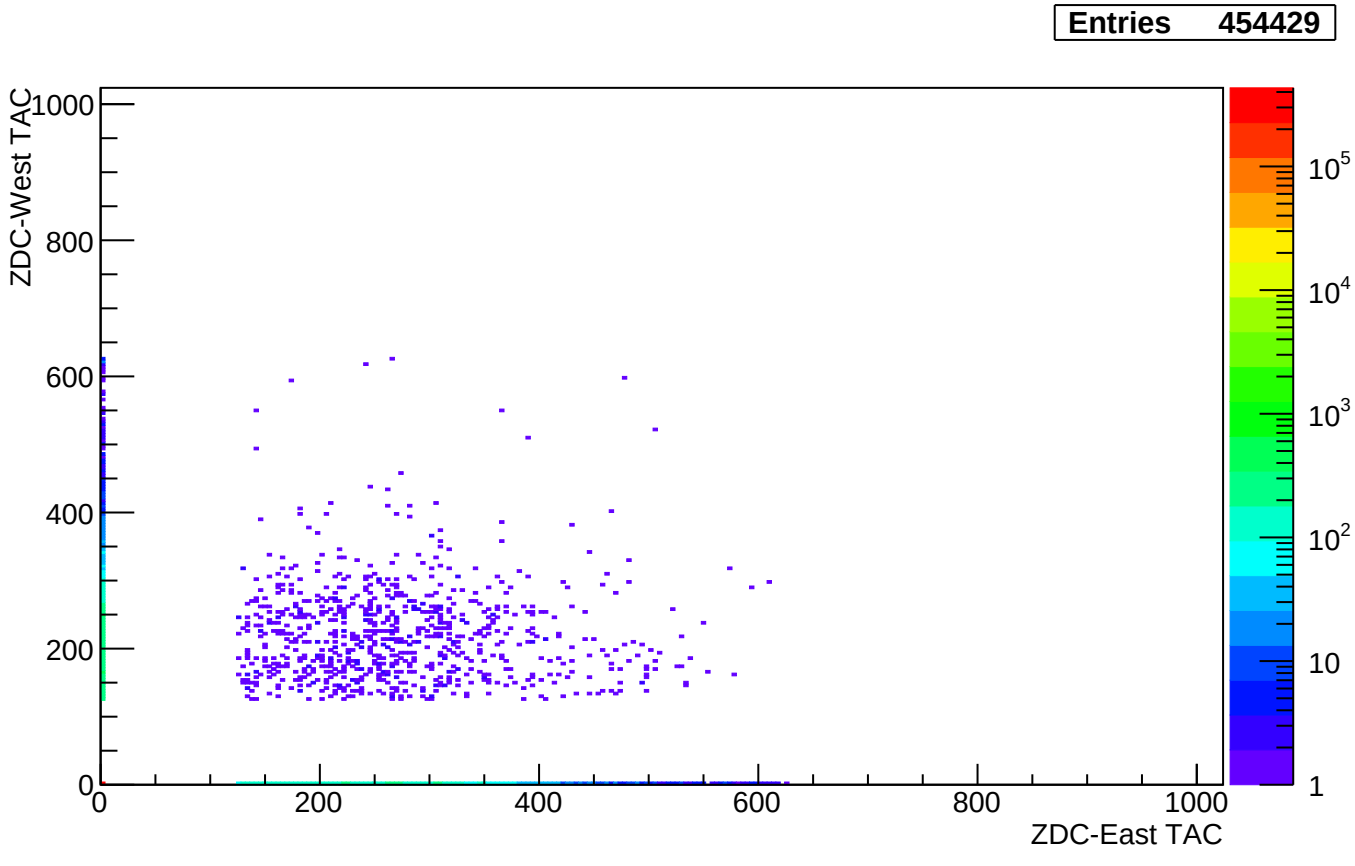

Entries 454429
TOF-Mult
VPD-East ADC Sum

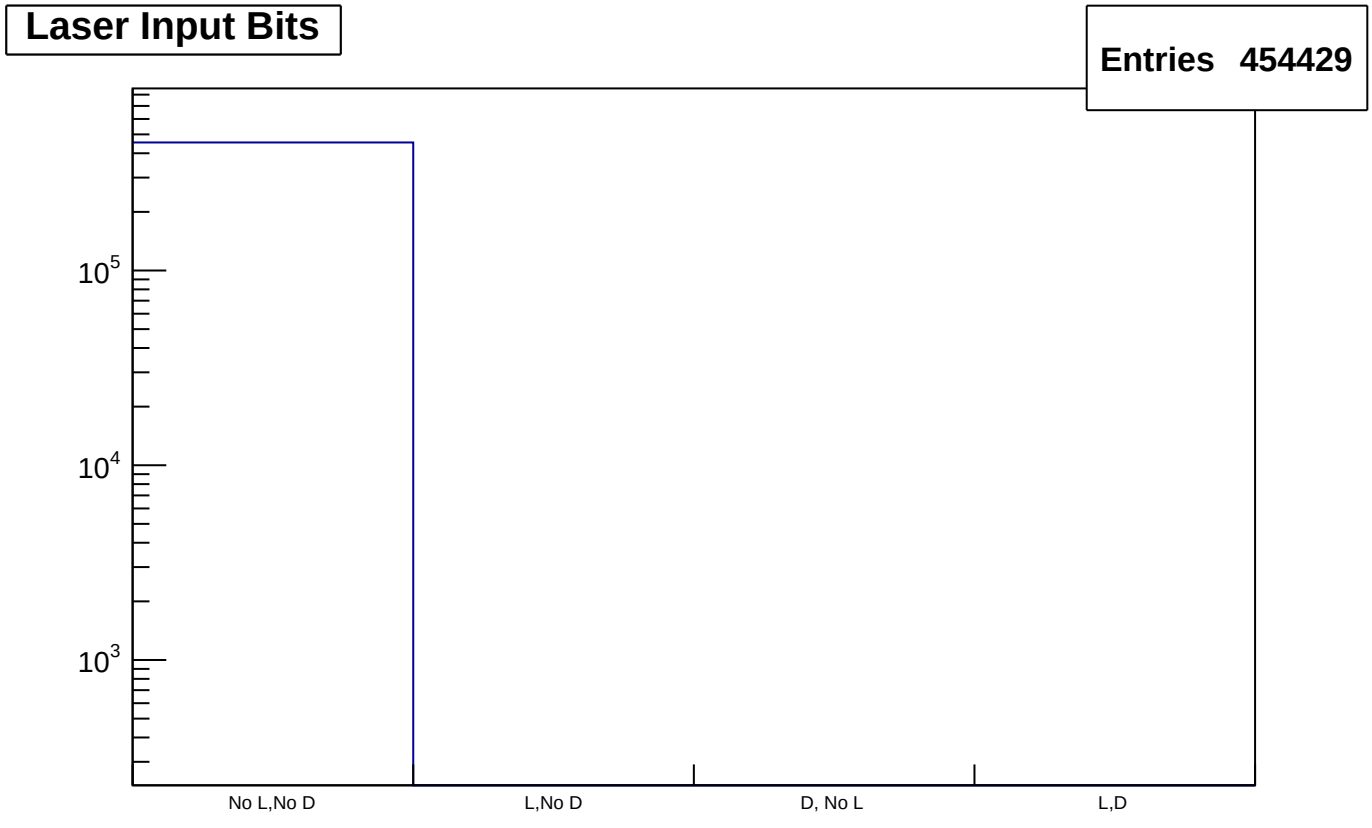

Entries 454429
TOF-Mult
VPD-West ADC Sum

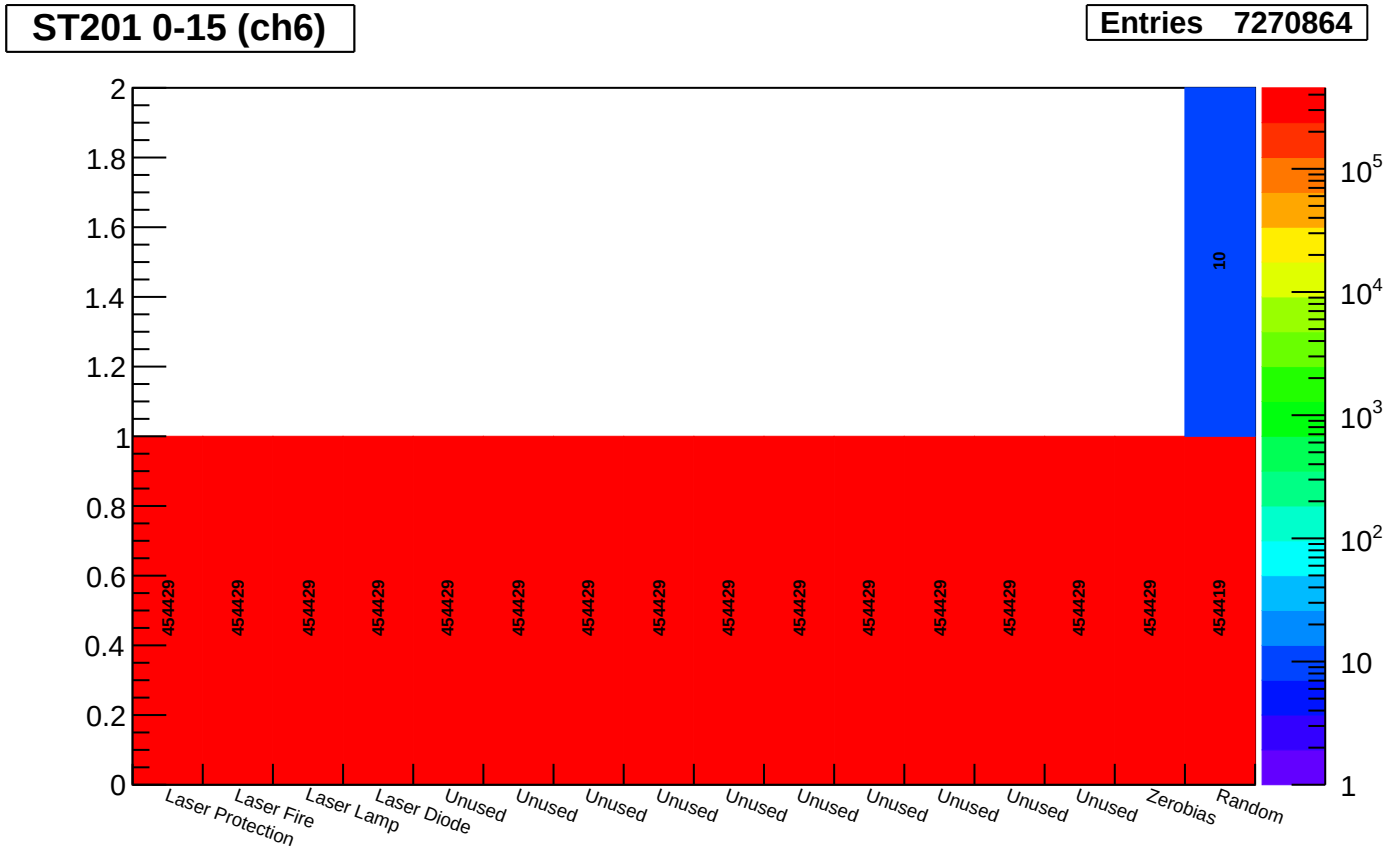

Entries 454429
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

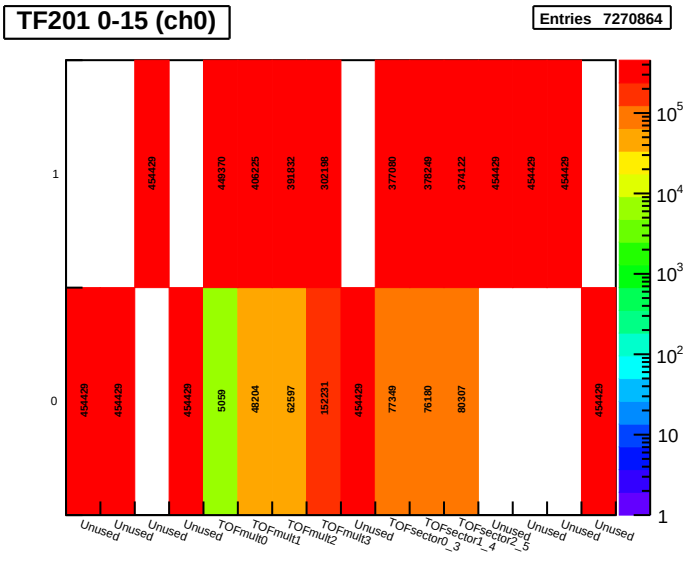

Entries 454429
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

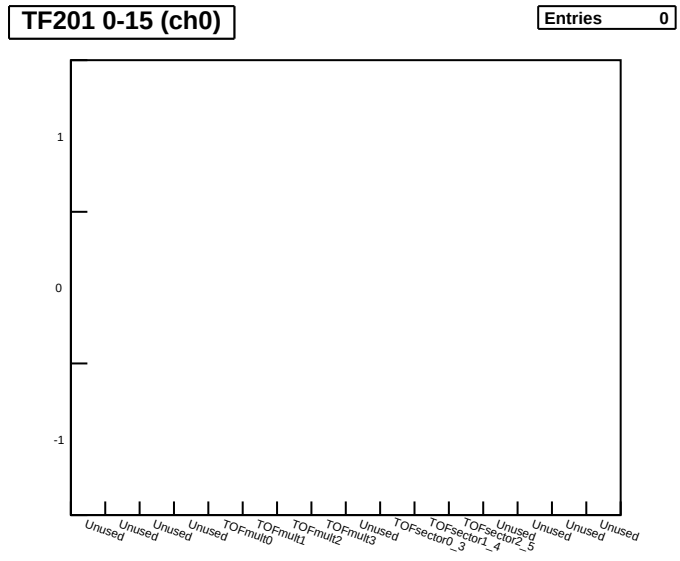

Entries 454429
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

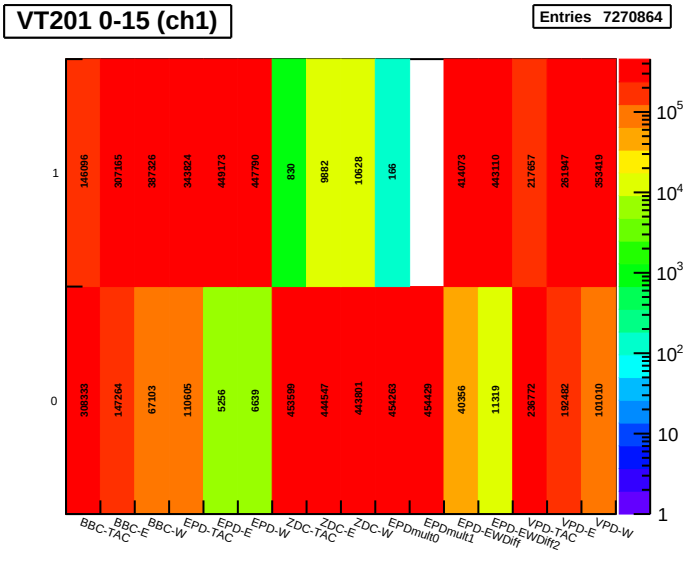

Entries 454429
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

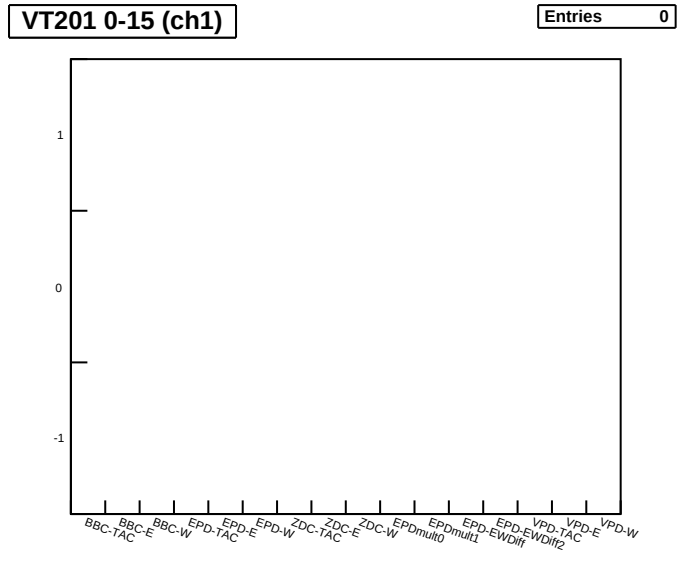

Laser Input Bits
Entries 454429
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

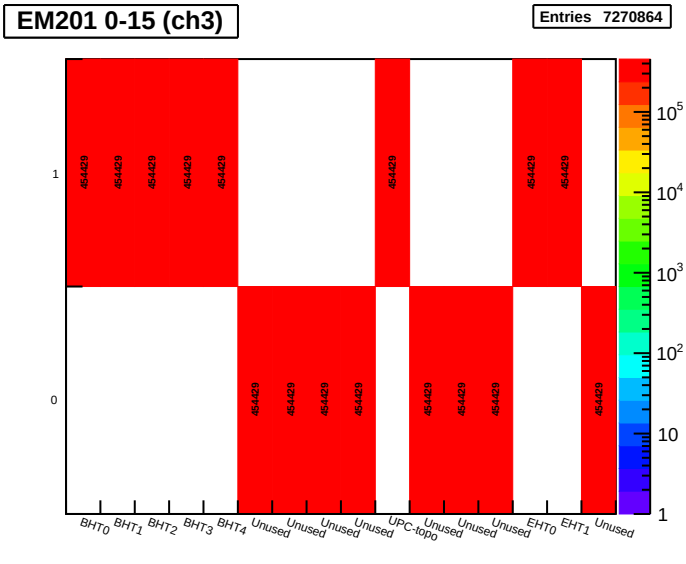

ST201 0-15 (ch6)
Entries 7270864
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
454429
454419
10
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

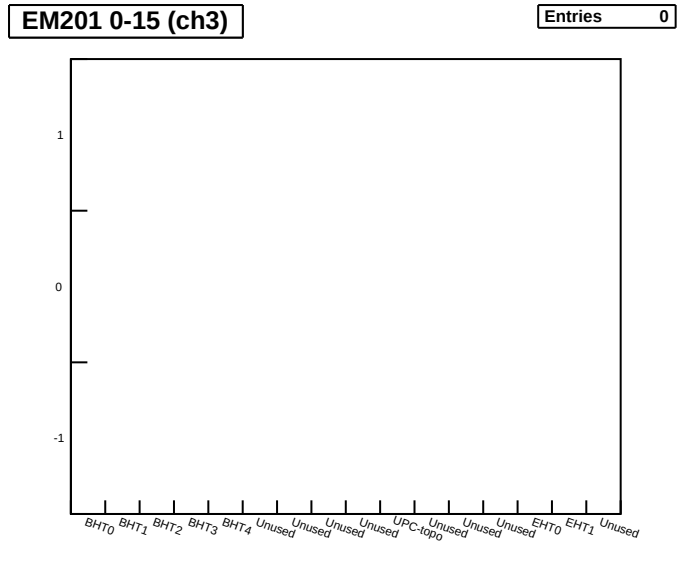

TF201 0-15 (ch0)
Entries 7270864
1
0
454429
449370
406225
381832
302198
377080
378249
374122
454429
454429
454429
454429
454429
454429
5059
49204
62597
152231
454429
77349
76180
80307
454429
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 7270864
1
0
146096
307165
367326
343824
449173
447790
830
9882
10628
166
414073
443110
217657
261947
353419
308333
147264
67103
110605
5256
6639
453589
444547
443801
454263
454429
40356
11319
236772
192482
101010
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 7270864
1
0
454429
454429
454429
454429
454429
454429
454429
454429
454429
454429
454429
454429
454429
454429
454429
454429
454429
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