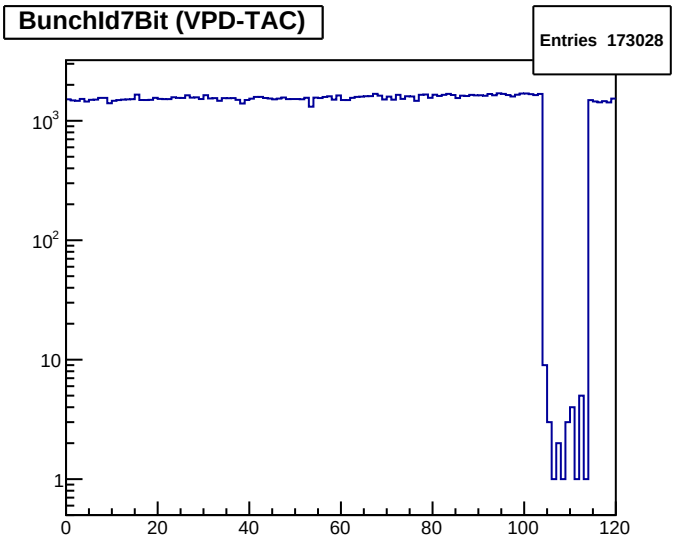
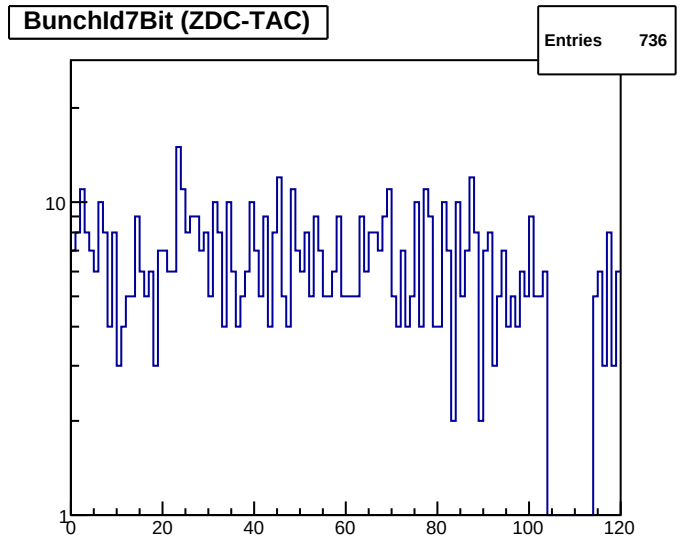
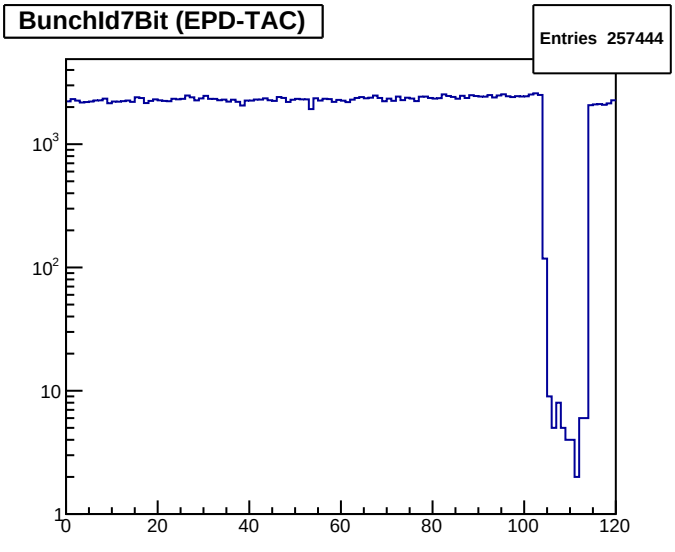
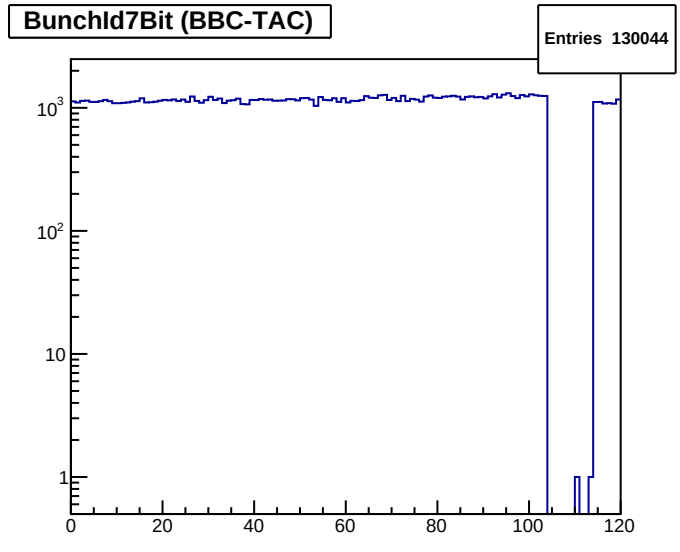
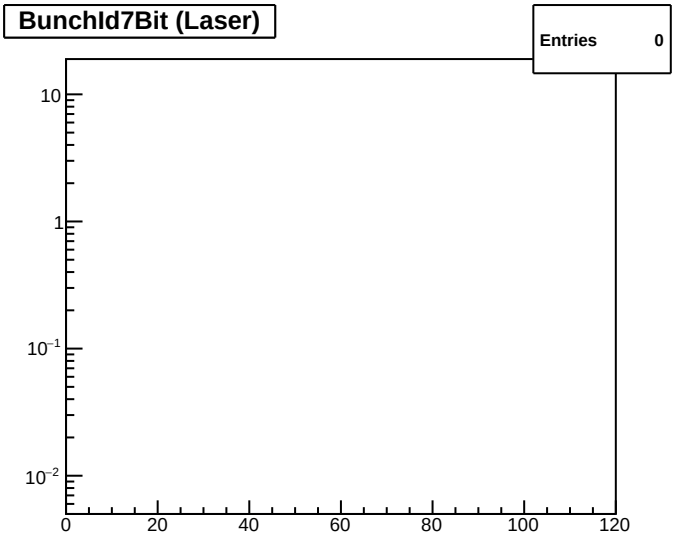
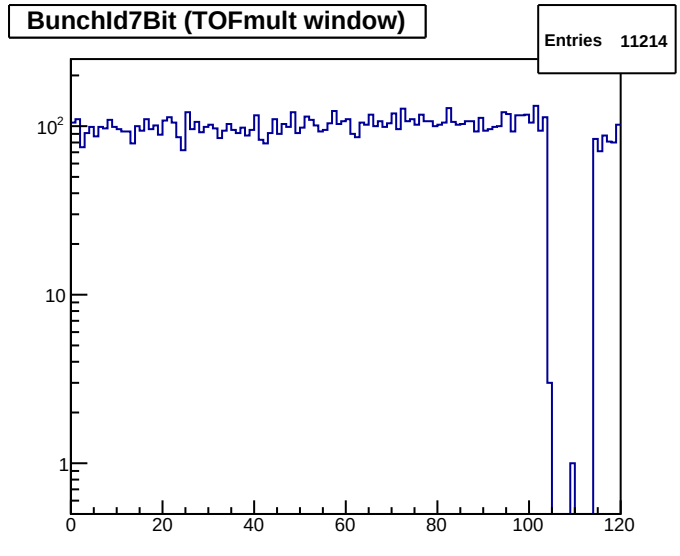

BunchId7Bit (VPD-TAC)
Entries 173028

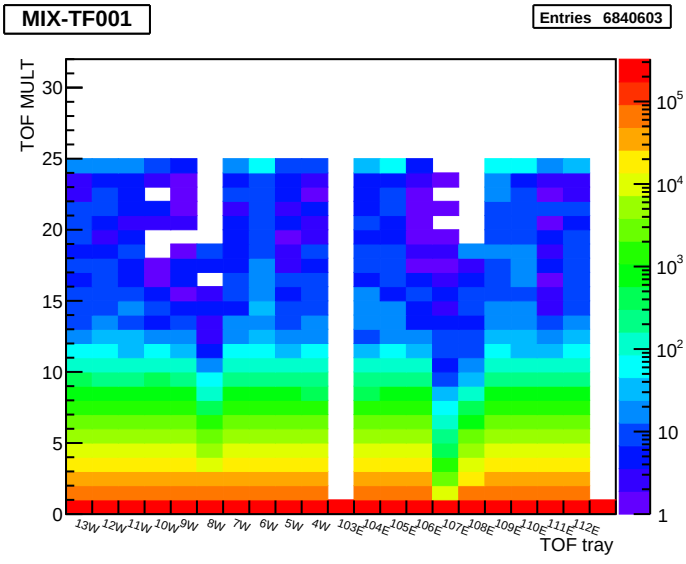

BunchId7Bit (ZDC-TAC)
Entries 736

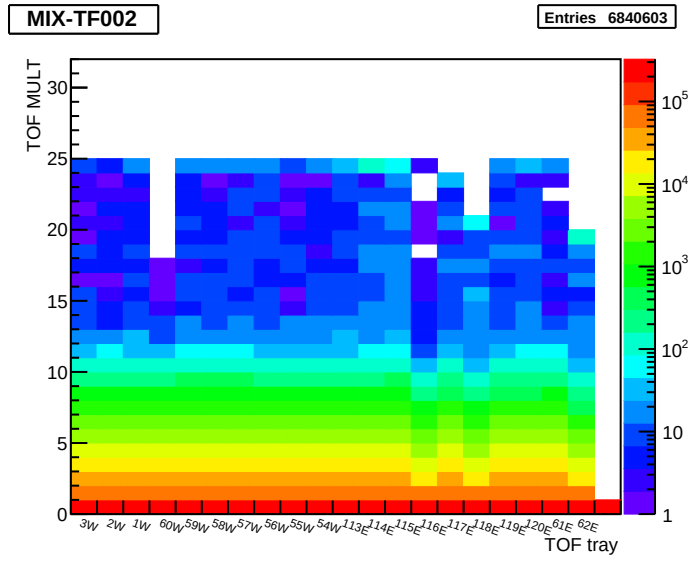

BunchId7Bit (EPD-TAC)
Entries 257444

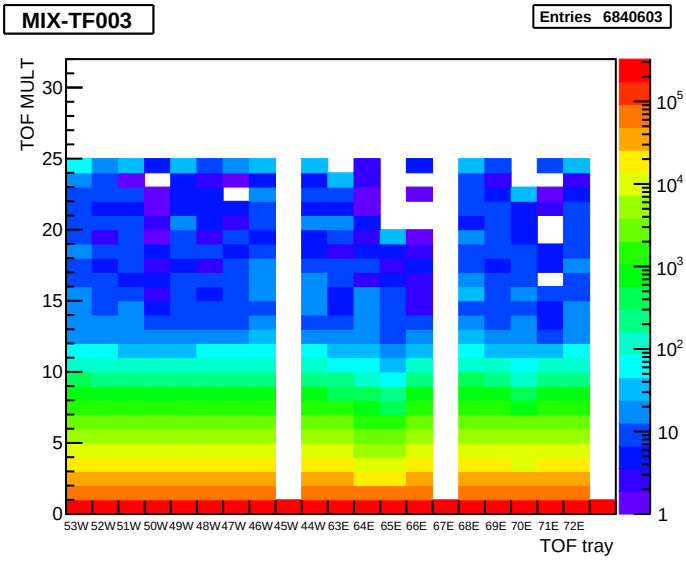

BunchId7Bit (BBC-TAC)
Entries 130044

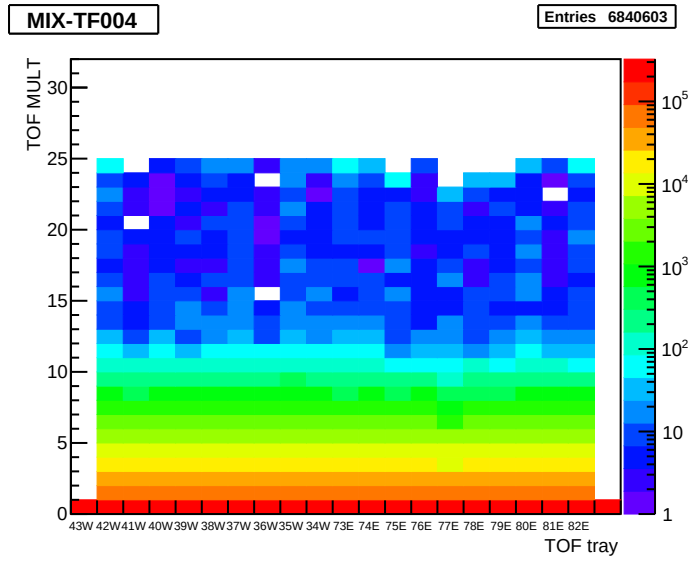

BunchId7Bit (Laser)
Entries 0

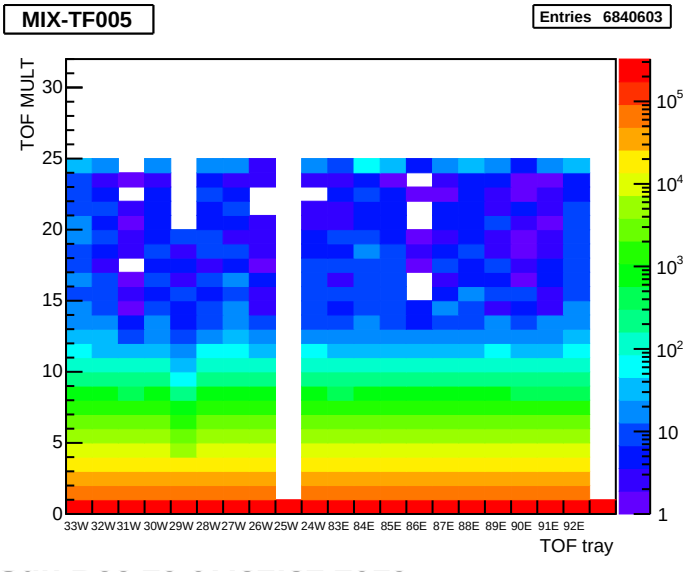

BunchId7Bit (TOFmult window)
Entries 11214

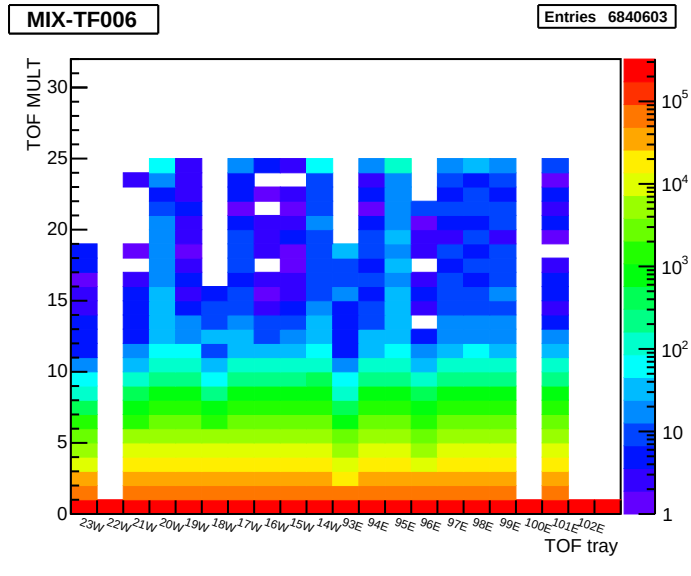

MIX-TF001
Entries 6840603
TOF MULT
TOF tray

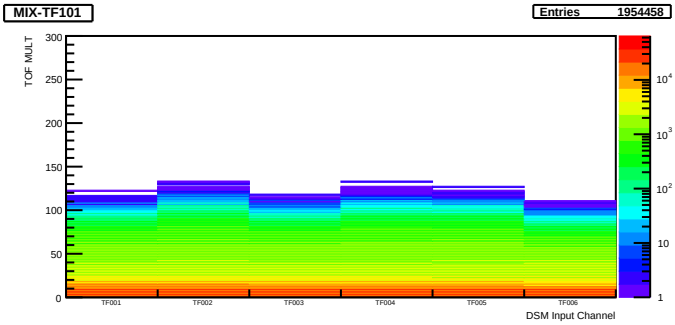

MIX-TF002
Entries 6840603
TOF MULT
TOF tray

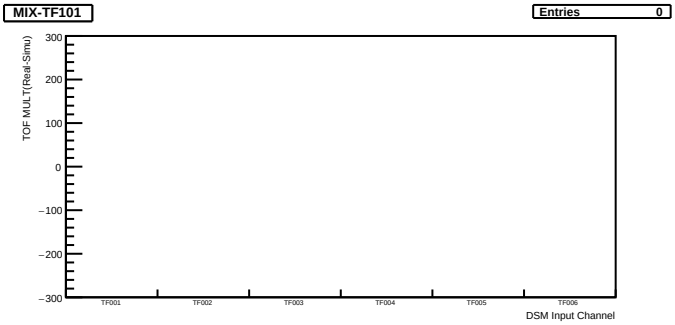

MIX-TF003
Entries 6840603
TOF MULT
TOF tray

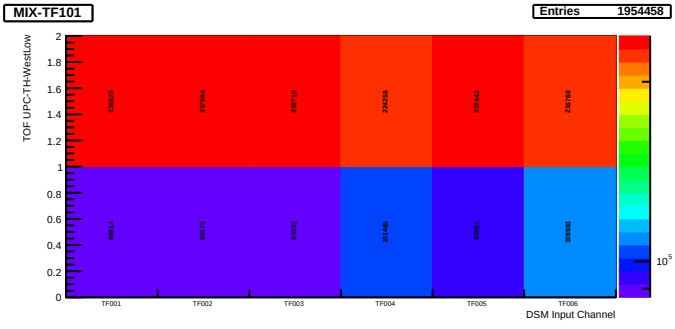

MIX-TF004
Entries 6840603
TOF MULT
TOF tray

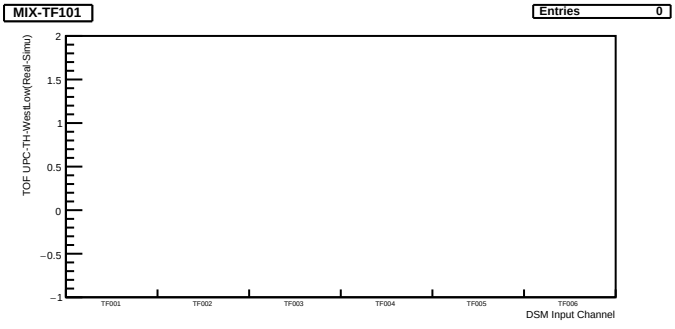

MIX-TF005
Entries 6840603
TOF MULT
TOF tray

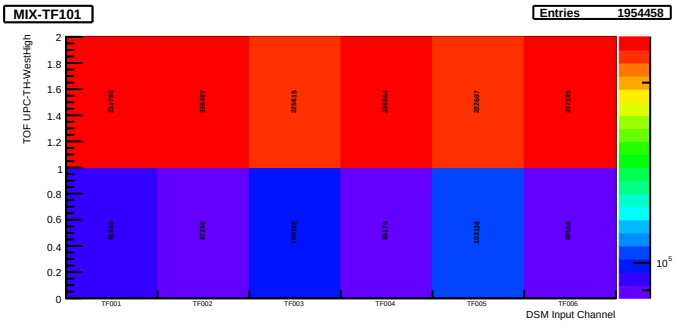

MIX-TF006
Entries 6840603
TOF MULT
TOF tray

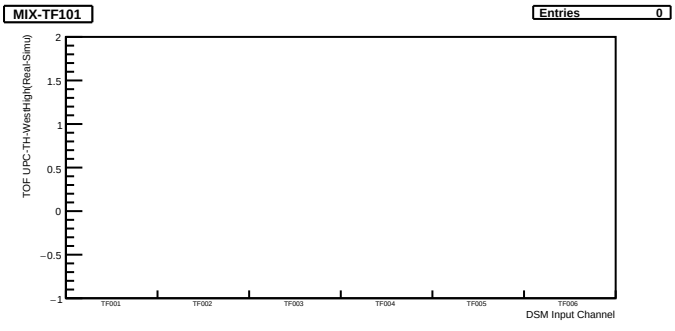

MIX-TF101
Entries 1954458
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

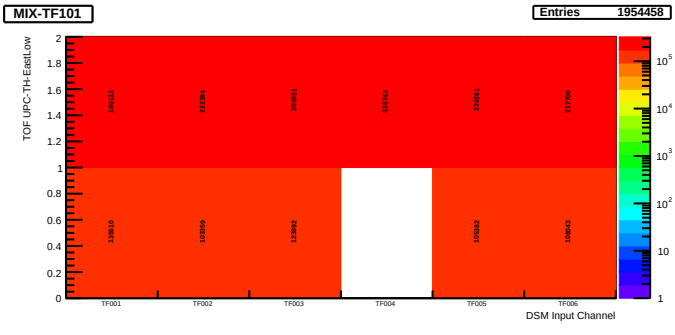

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

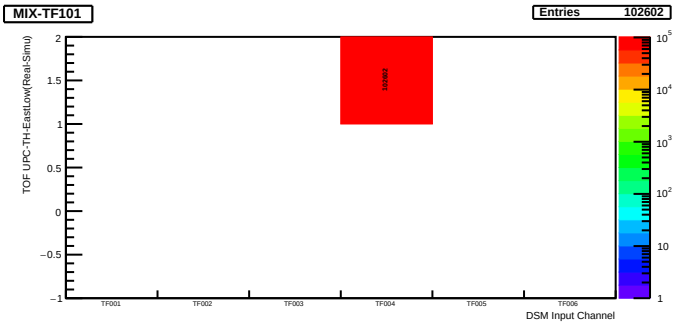

MIX-TF101
Entries 1954458
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

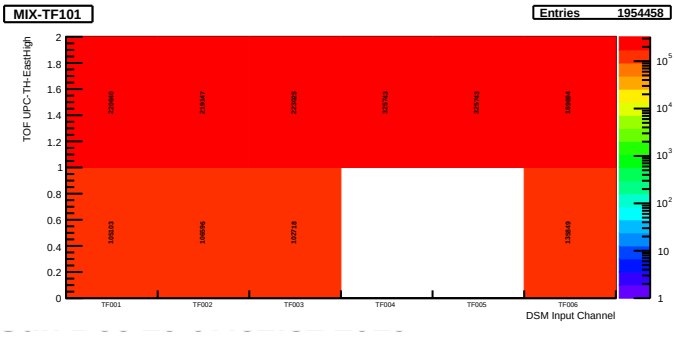

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

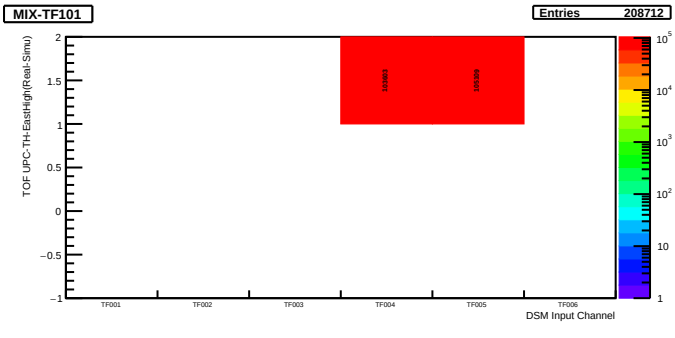

MIX-TF101
Entries 1954458
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

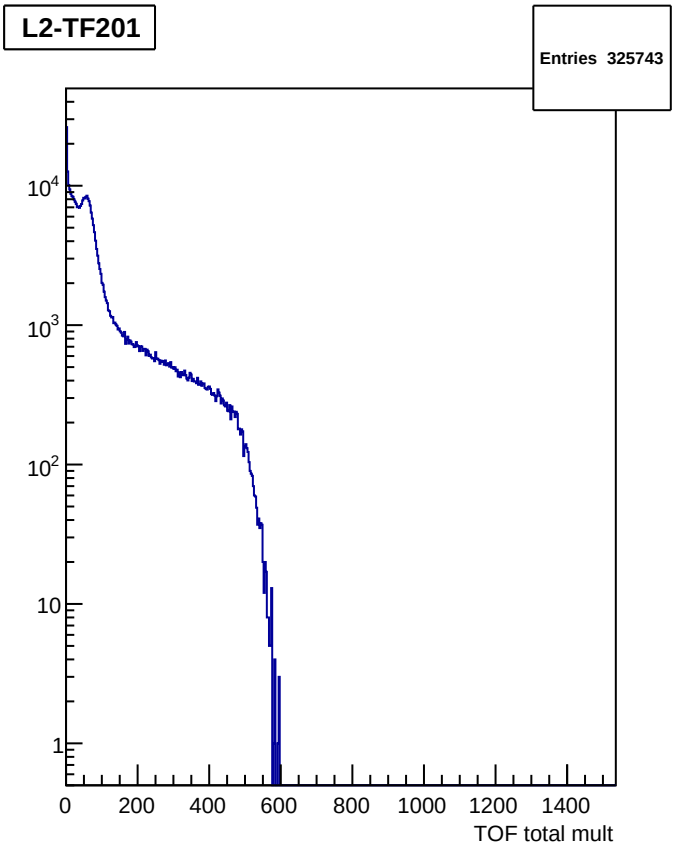

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

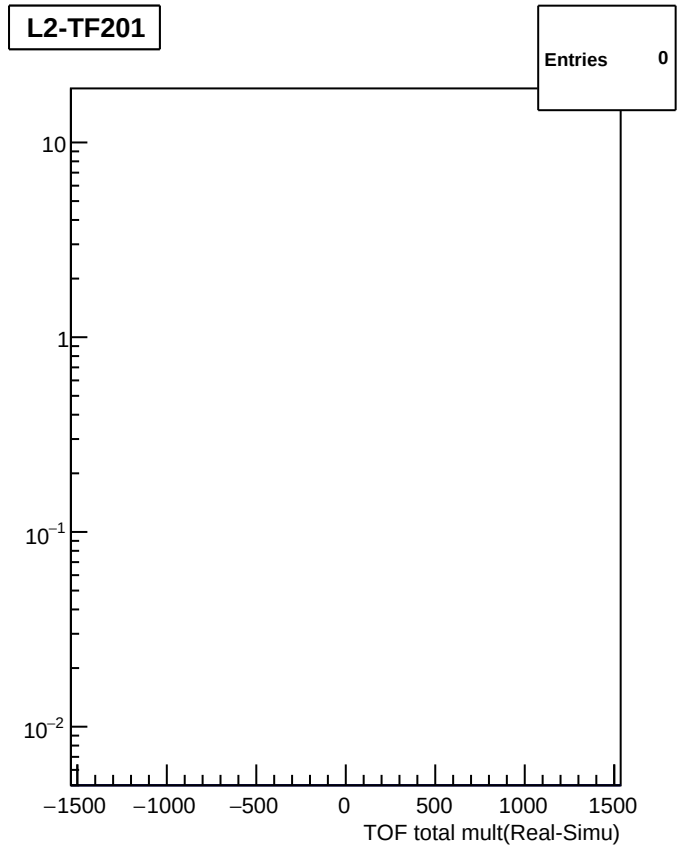

MIX-TF101
Entries 1954458
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

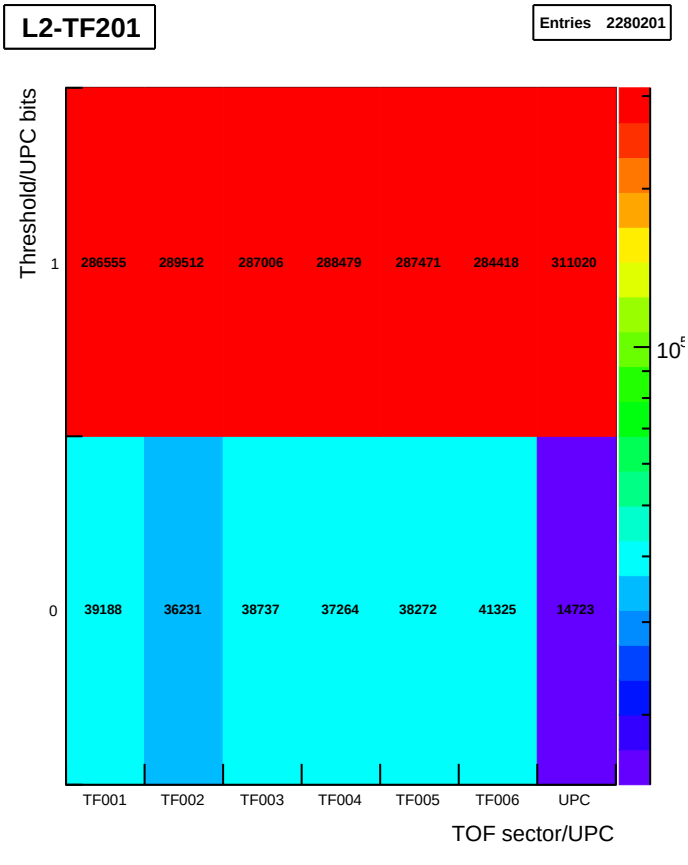

MIX-TF101
Entries 102602
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

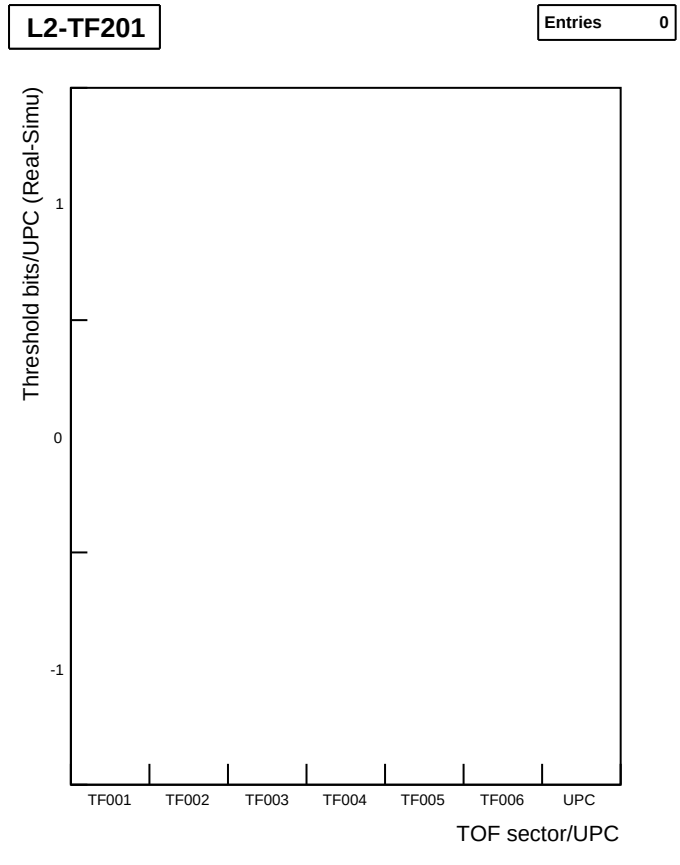

MIX-TF101
Entries 1954458
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

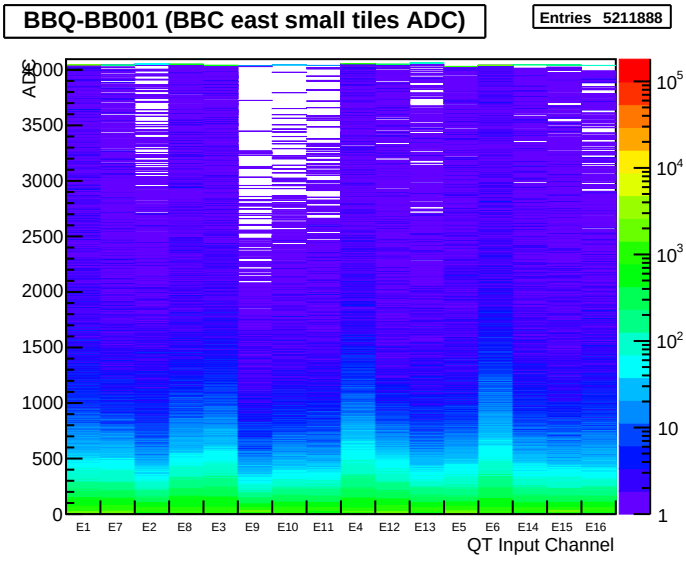

MIX-TF101
Entries 208712
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

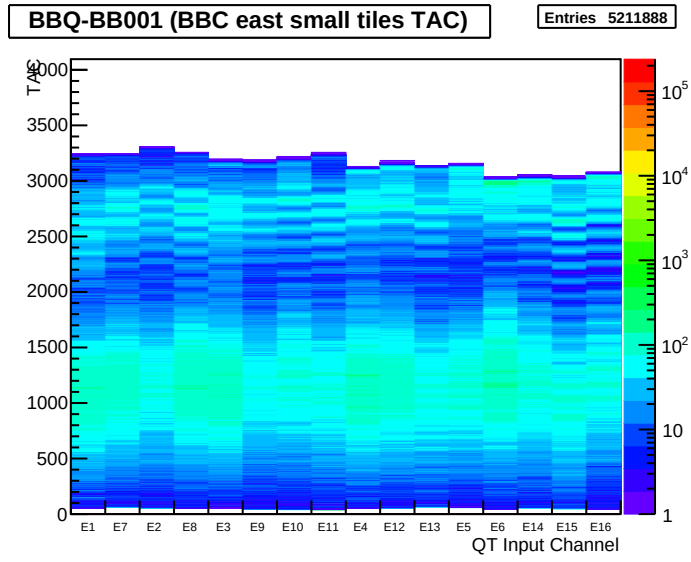

L2-TF201
Entries 325743
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

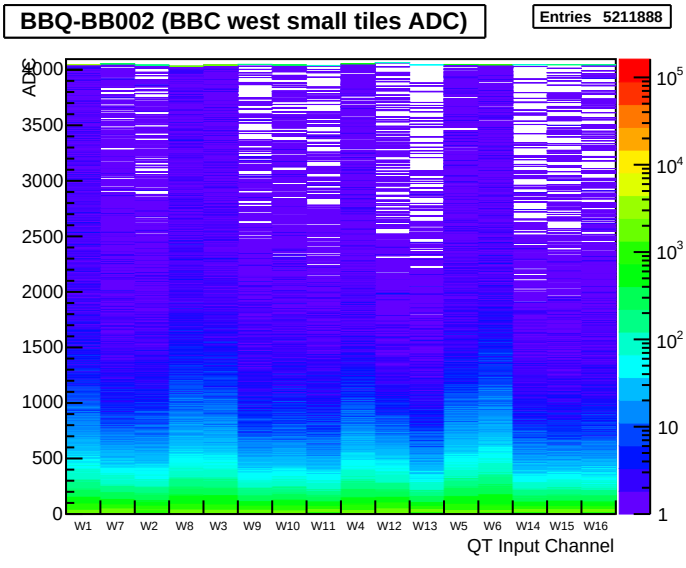

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

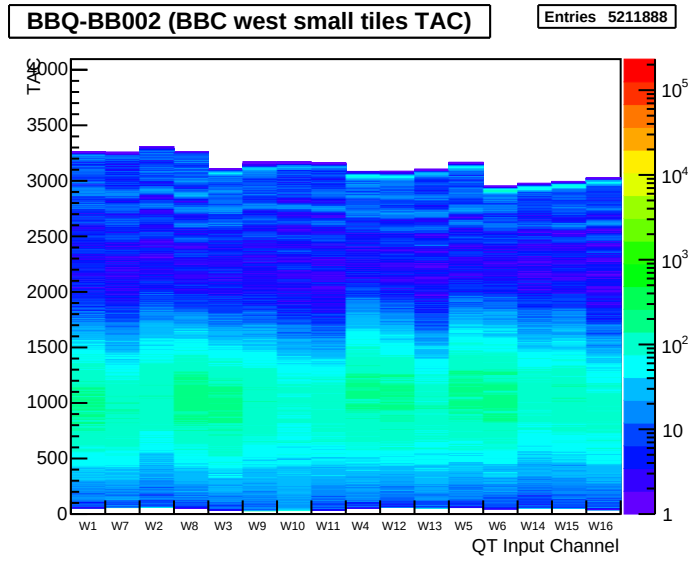

L2-TF201
Entries 2280201
Threshold/UPC bits
1
0
286555
289512
287006
288479
287471
284418
311020
39188
36231
38737
37264
38272
41325
14723
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

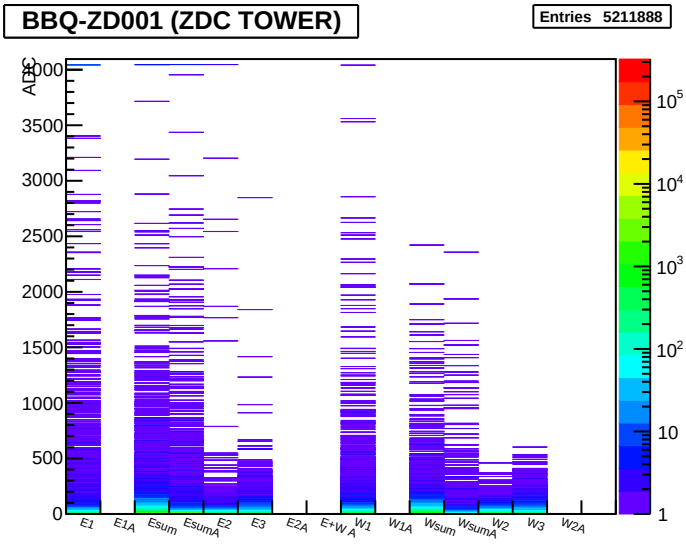

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

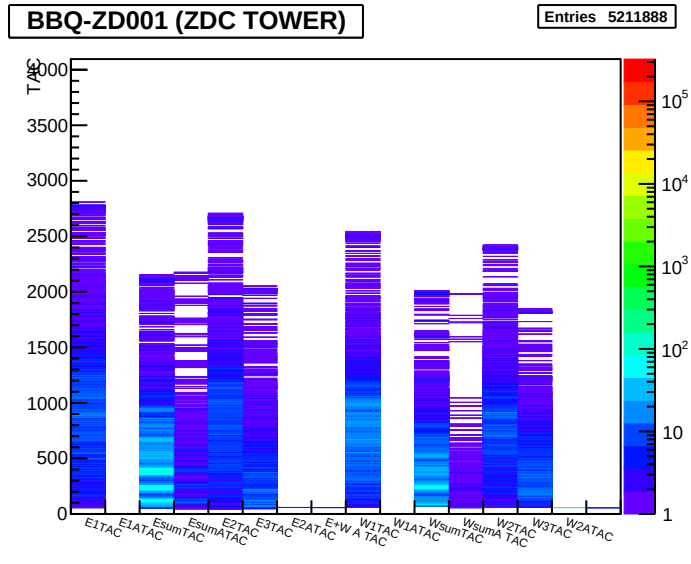

BBQ-BB001 (BBC east small tiles ADC)
Entries 5211888
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

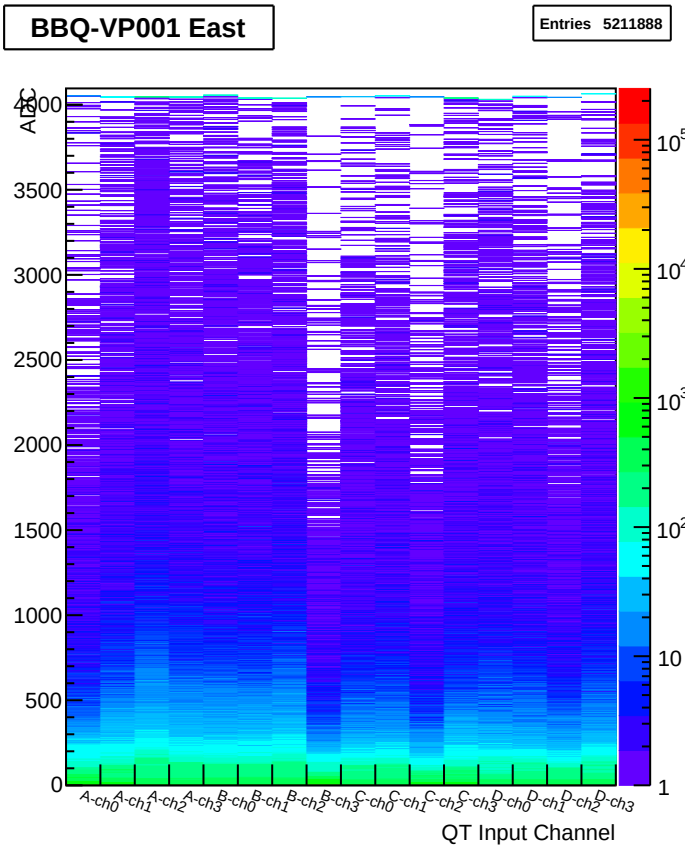

BBQ-BB001 (BBC east small tiles TAC)
Entries 5211888
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

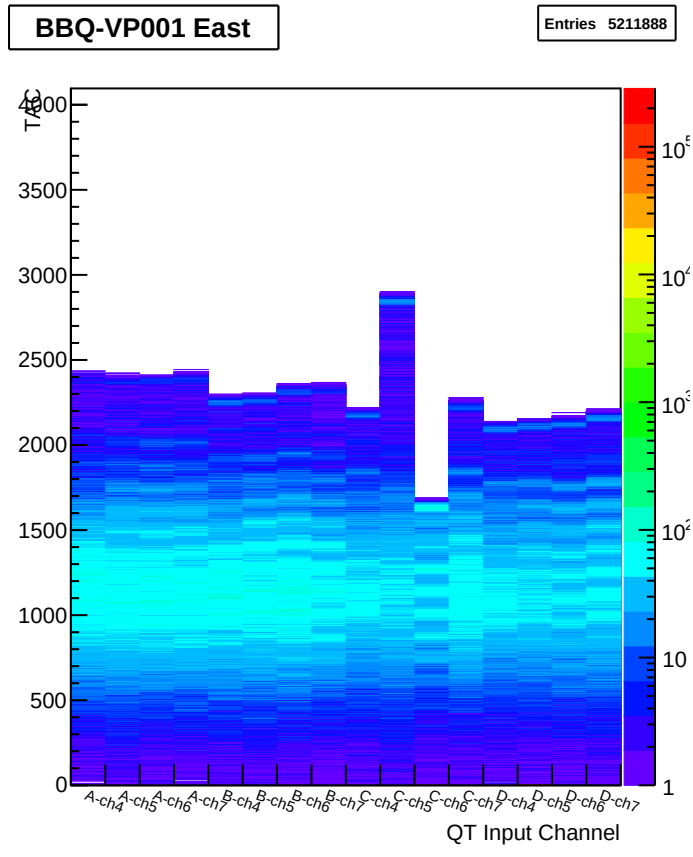

BBQ-BB002 (BBC west small tiles ADC)
Entries 5211888
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

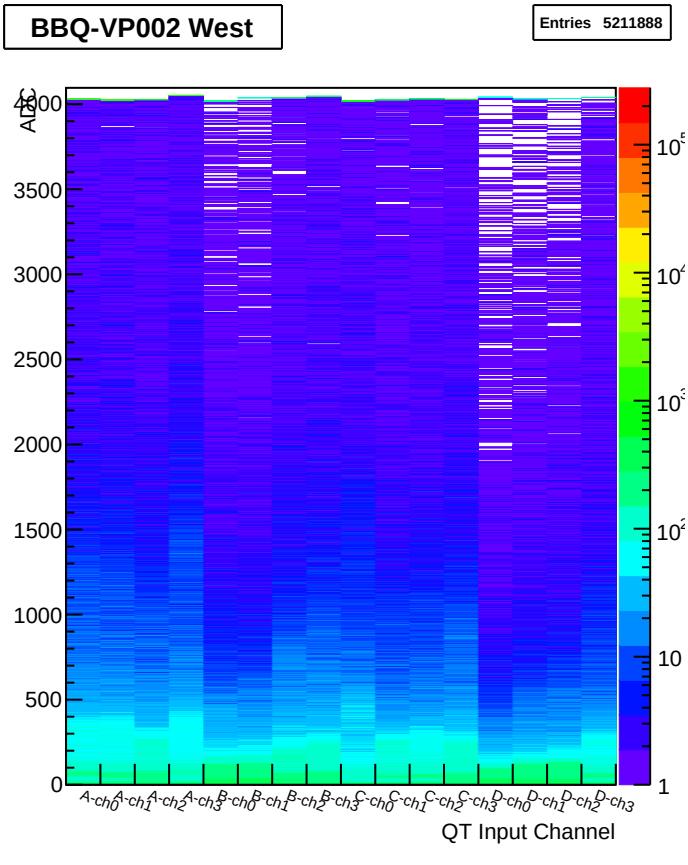

BBQ-BB002 (BBC west small tiles TAC)
Entries 5211888
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

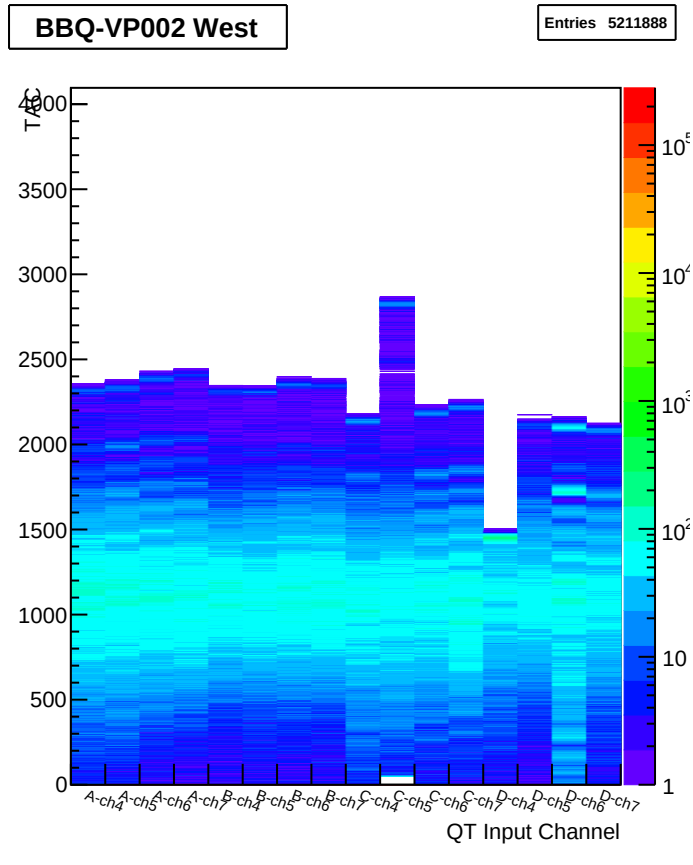

BBQ-ZD001 (ZDC TOWER)
Entries 5211888
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

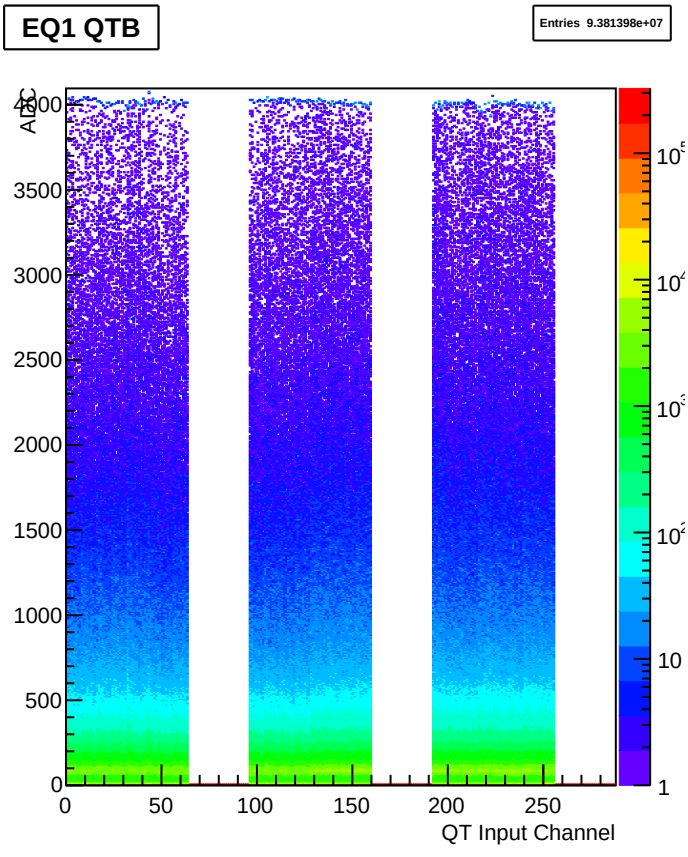

BBQ-ZD001 (ZDC TOWER)
Entries 5211888
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

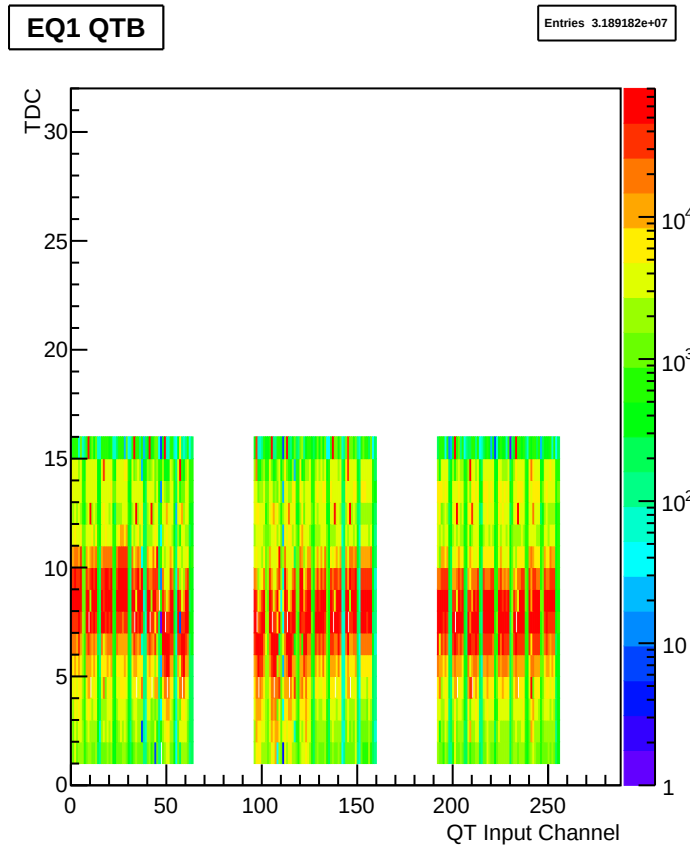

BBQ-VP001 East
Entries 5211888
ADC
QT Input Channel

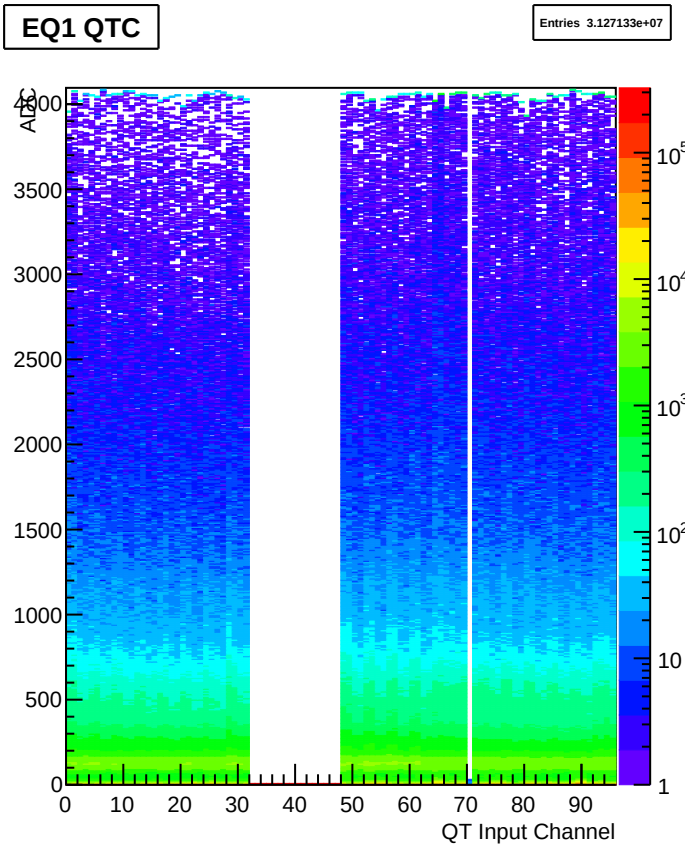

BBQ-VP001 East
Entries 5211888
TADC
QT Input Channel

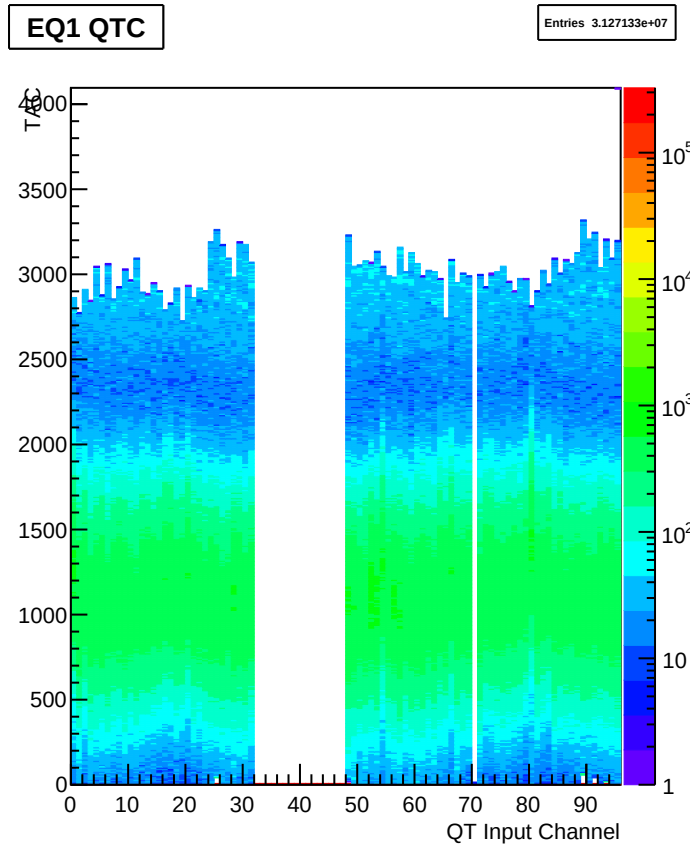

BBQ-VP002 West
Entries 5211888
ADC
QT Input Channel

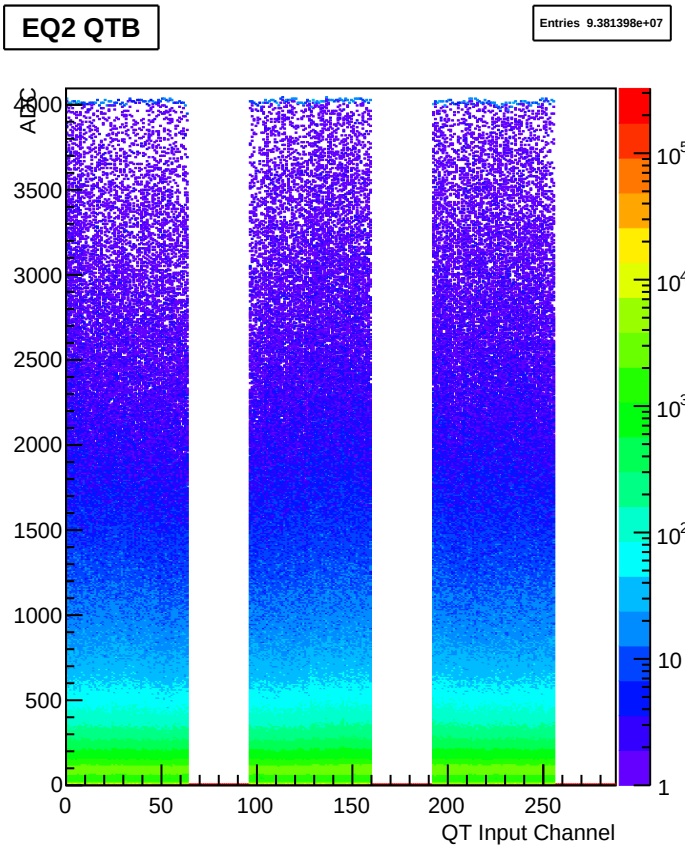

BBQ-VP002 West
Entries 5211888
TADC
QT Input Channel

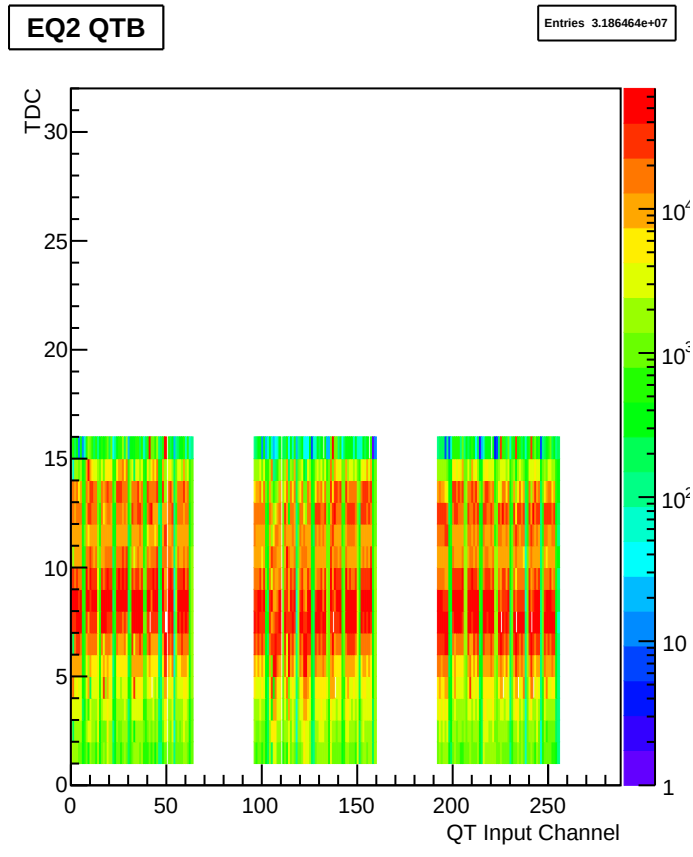

EQ1 QTB
Entries 9.381398e+07
ADC
QT Input Channel

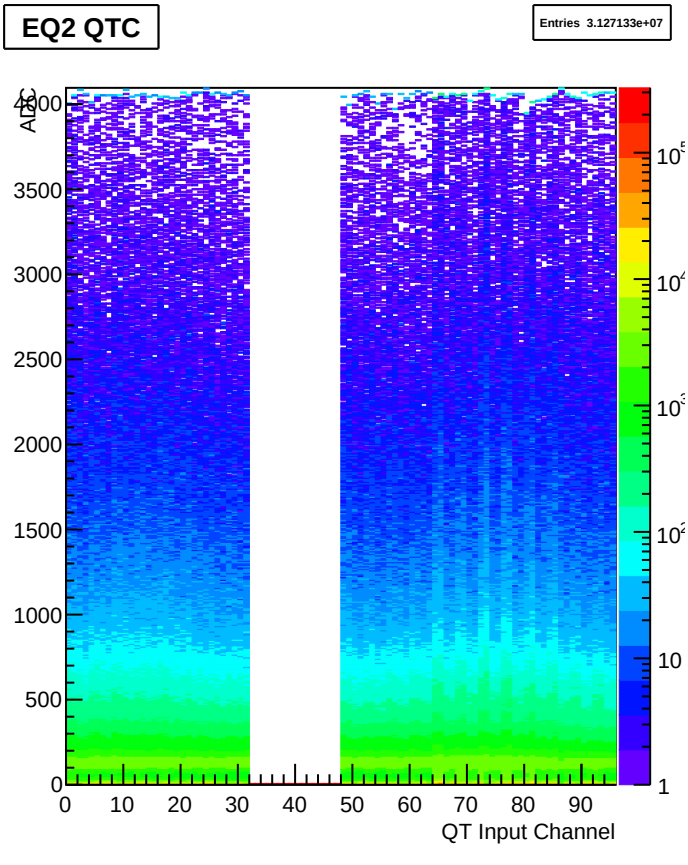

EQ1 QTB
Entries 3.189182e+07
TDC
QT Input Channel

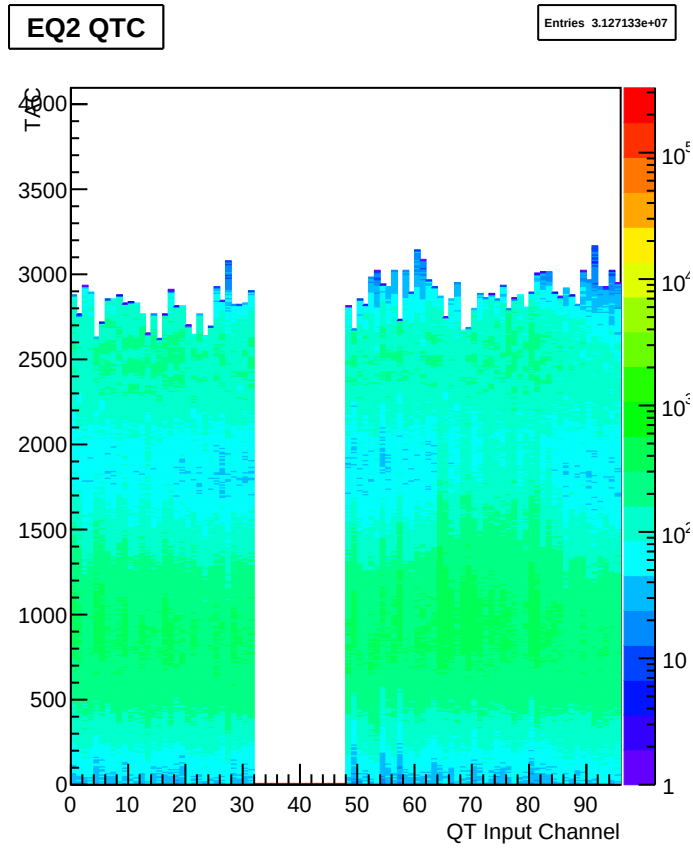

EQ1 QTC
Entries 3.127133e+07
ADC
QT Input Channel

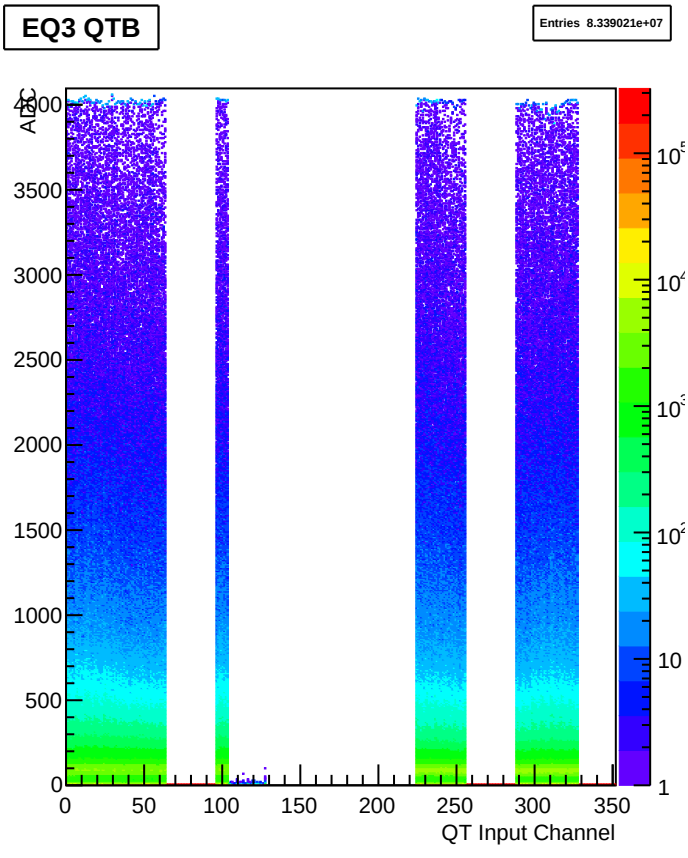

EQ1 QTC
Entries 3.127133e+07
TADC
QT Input Channel

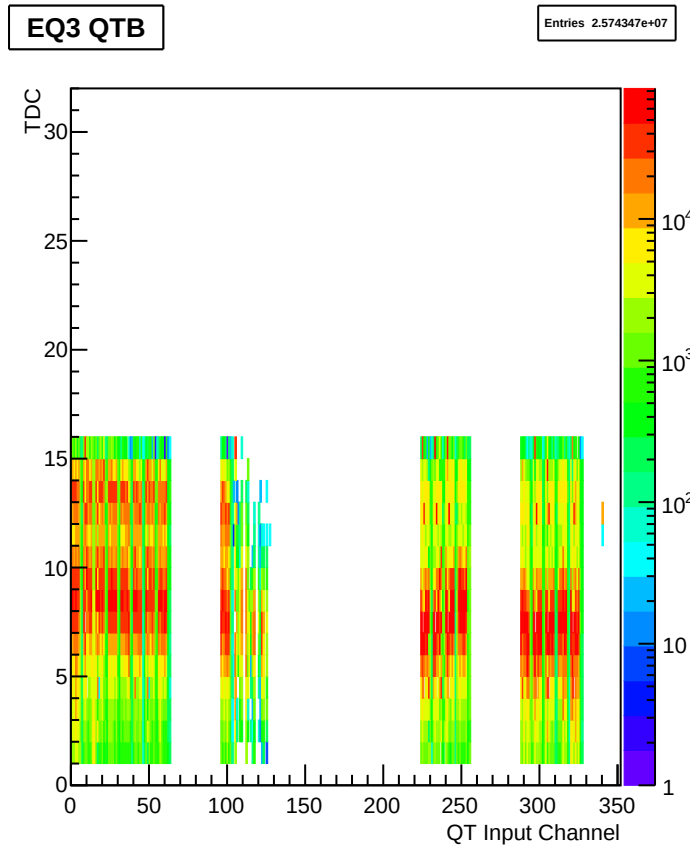

EQ2 QTB
Entries 9.381398e+07
ADC
QT Input Channel

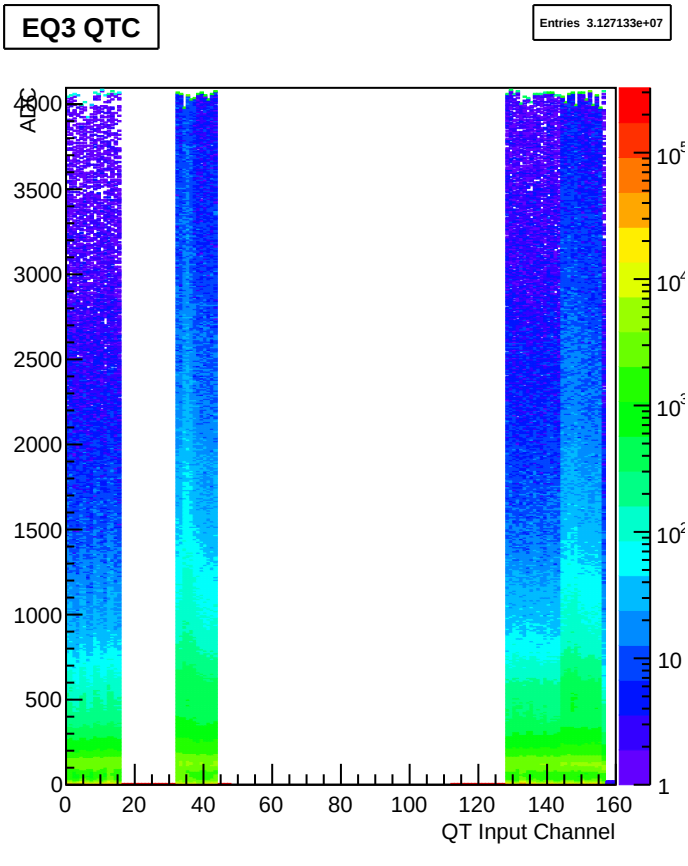

EQ2 QTB
Entries 3.186464e+07
TDC
QT Input Channel

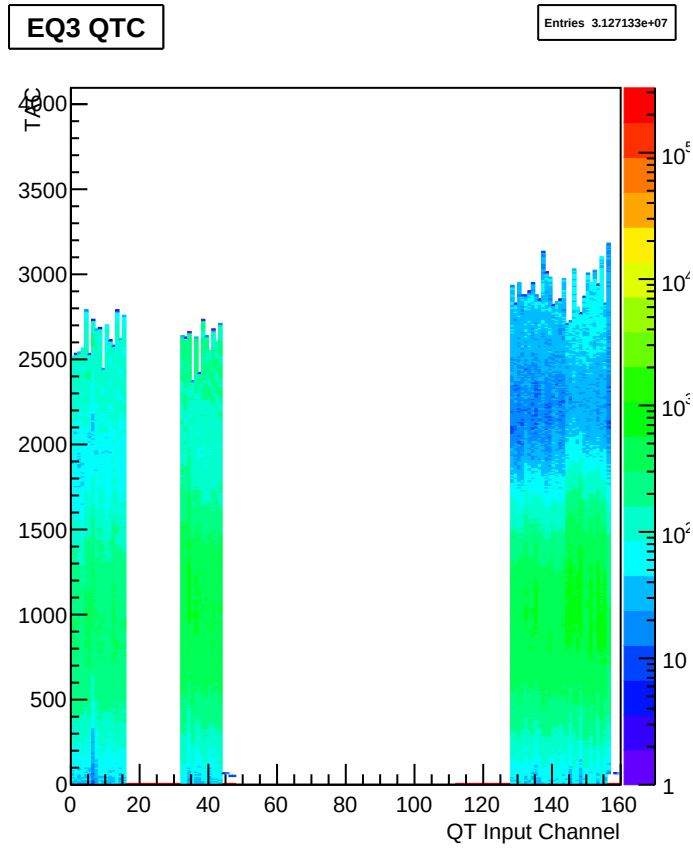

EQ2 QTC
Entries 3.127133e+07
ADC
QT Input Channel

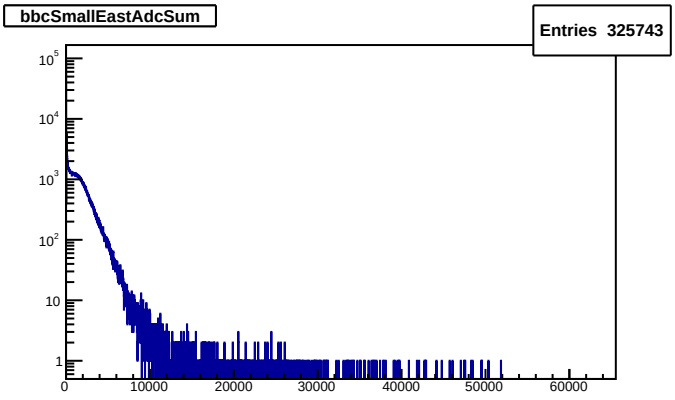

EQ2 QTC
Entries 3.127133e+07
TADC
QT Input Channel

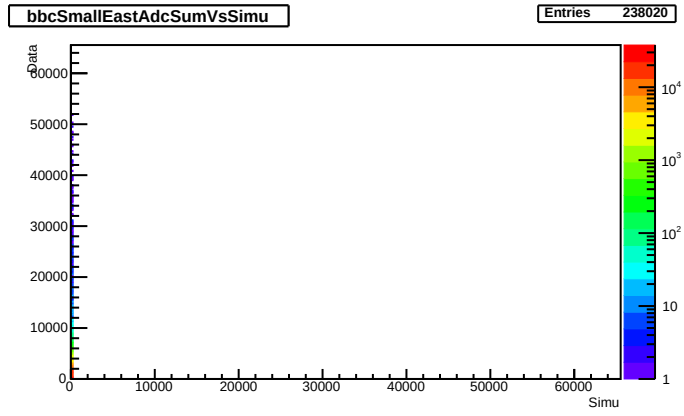

EQ3 QTB
Entries 8.339021e+07
ADC
QT Input Channel

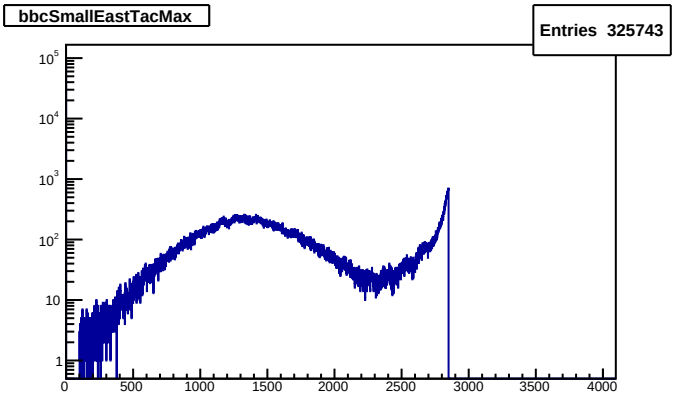

EQ3 QTB
Entries 2.574347e+07
TDC
QT Input Channel

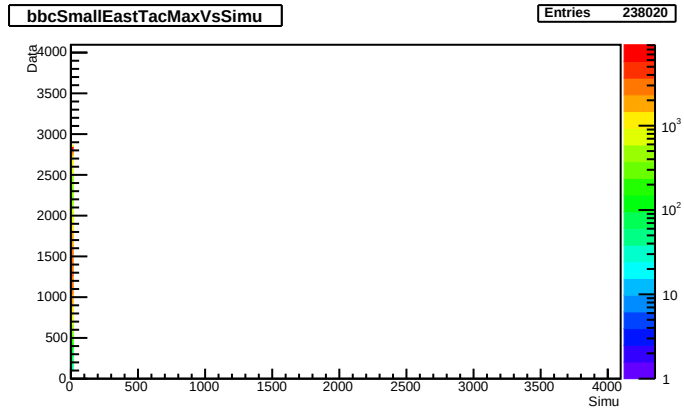

EQ3 QTC
Entries 3.127133e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.127133e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 325743


bbcSmallEastAdcSumVsSimu
Entries 238020
Data
Simu


bbcSmallEastTacMax
Entries 325743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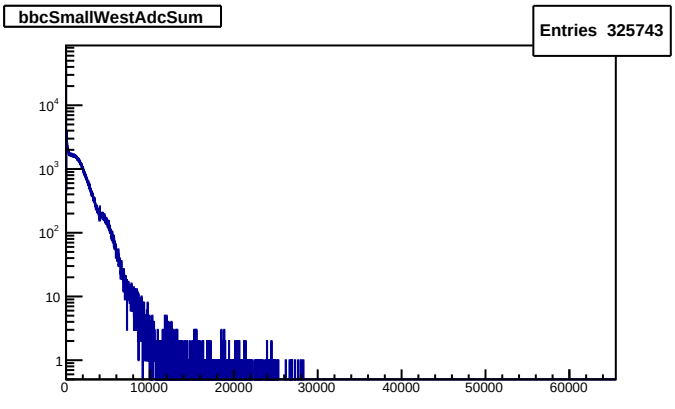
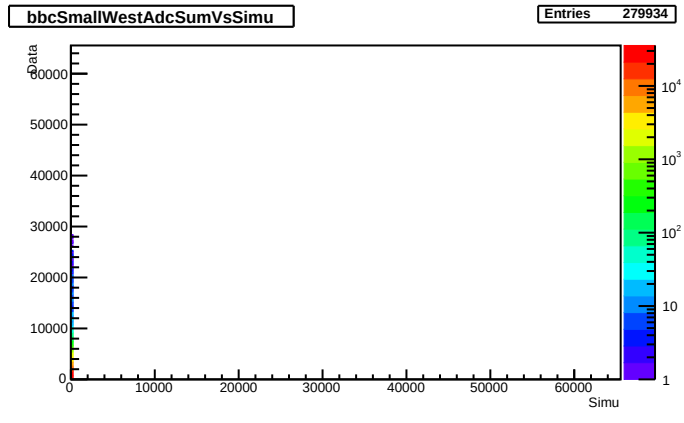
Entries 238020
Data
Simu


bbcSmallWestAdcSum
Entries 325743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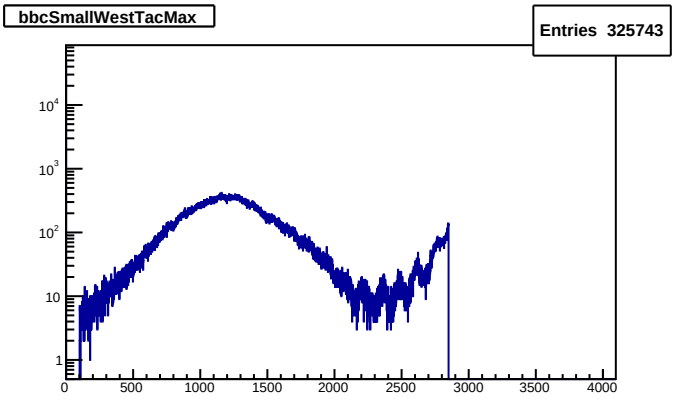
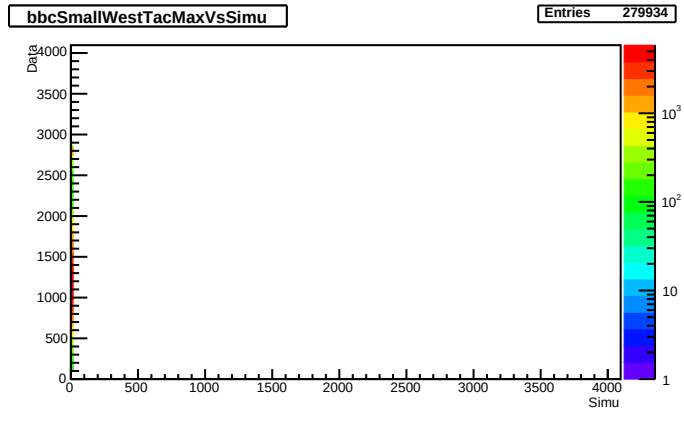
Entries 279934
Data
Simu


bbcSmallWestTacMax
Entries 325743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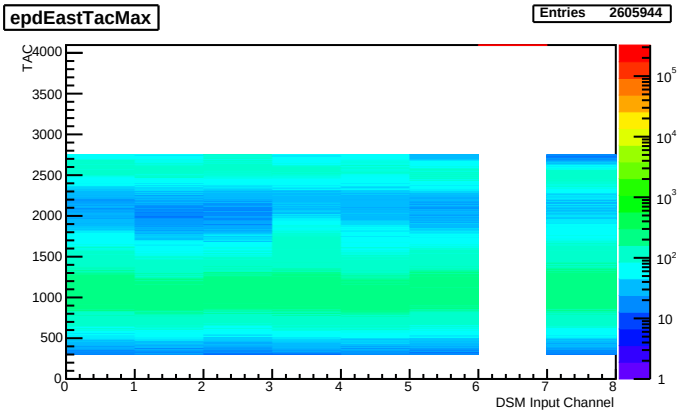
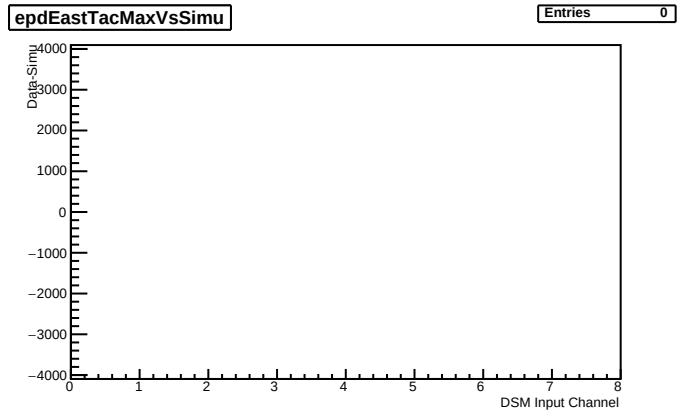
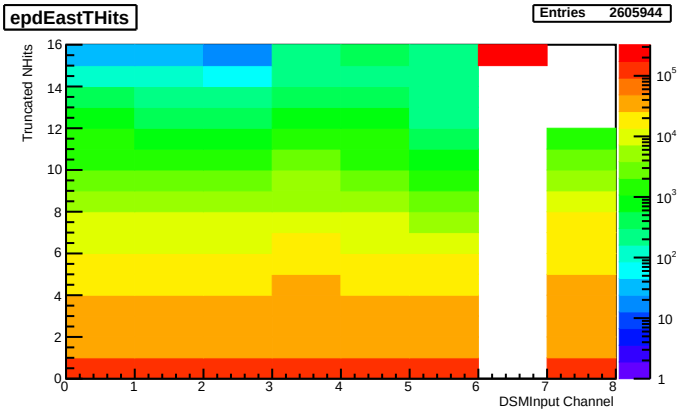
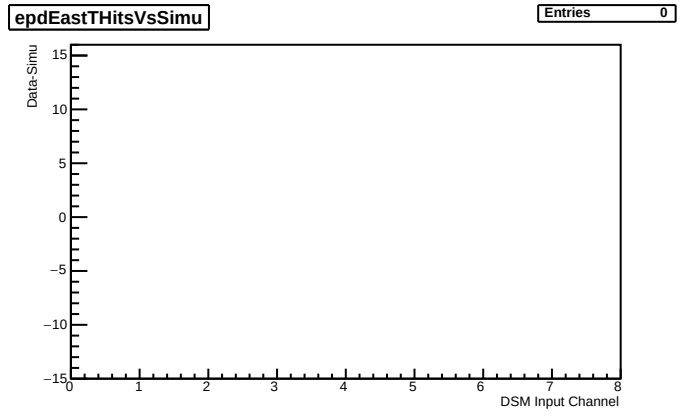
Entries 279934
Data
Simu


epdEastTacMax
Entries 2605944
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2605944
Truncated NHits
DSMInput Channel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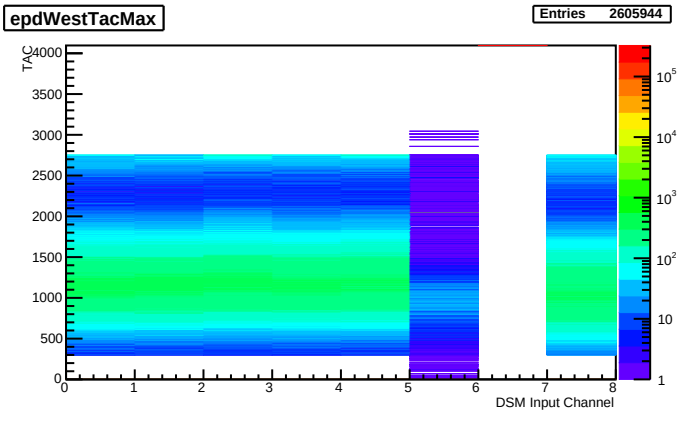
Data-Simu
DSM Input Channel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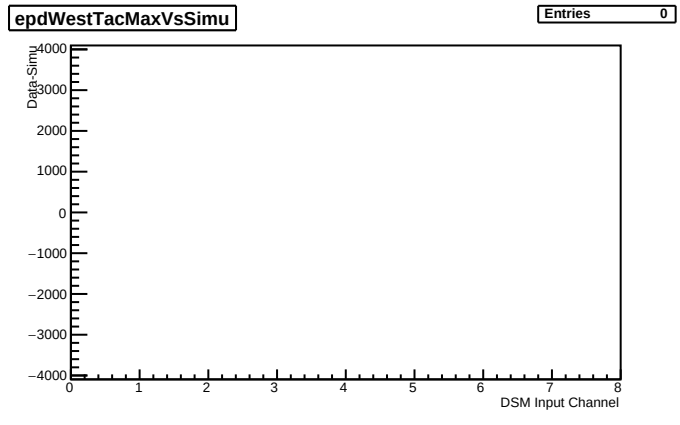
Entries 2605944
TAC
DSM Input Channel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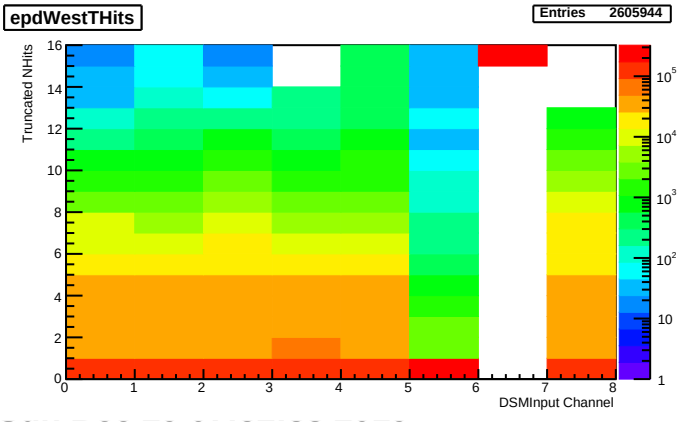
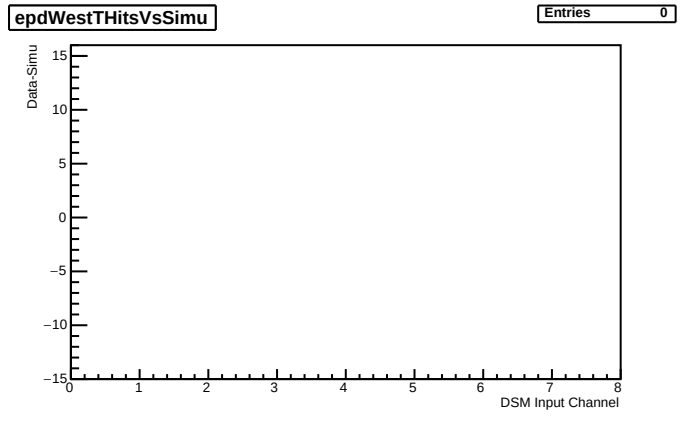
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2605944
Truncated NHits
DSMInput Channel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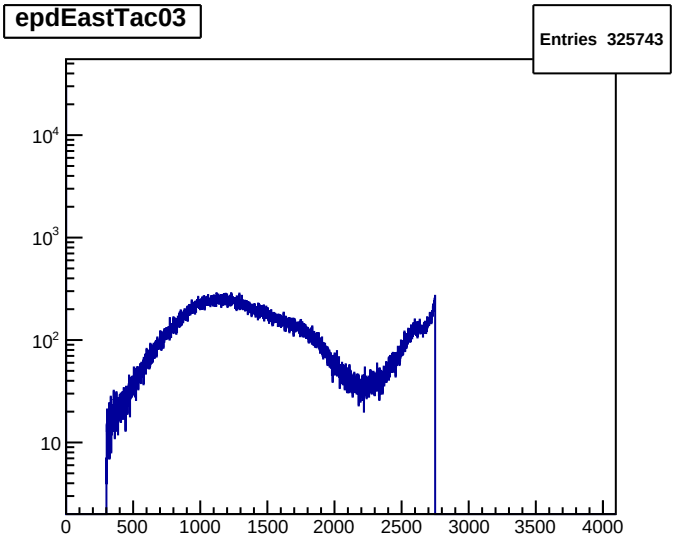
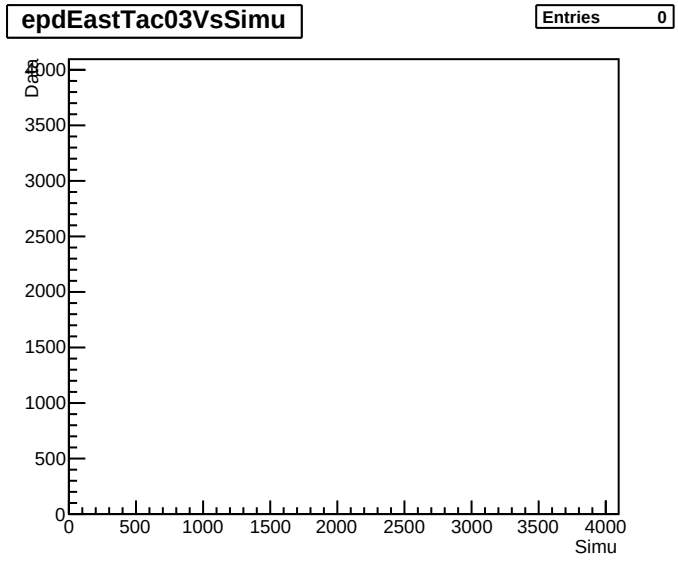
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 325743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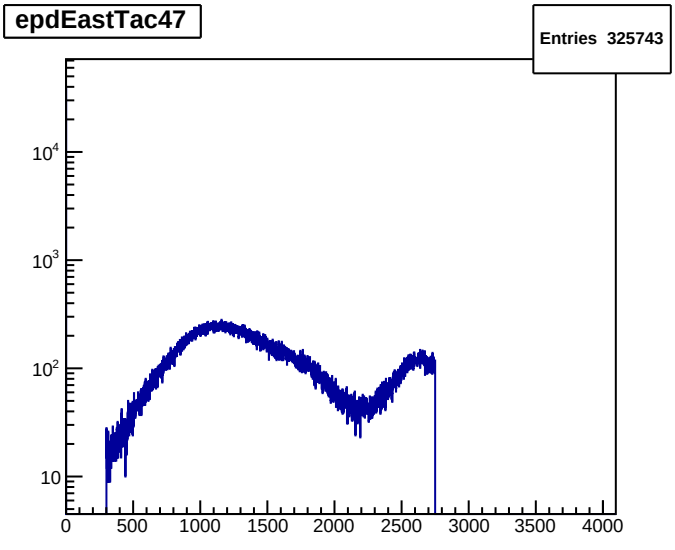
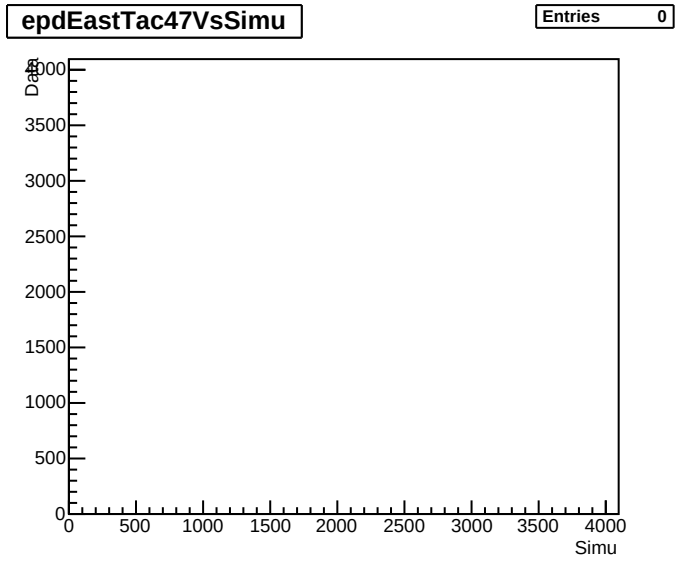
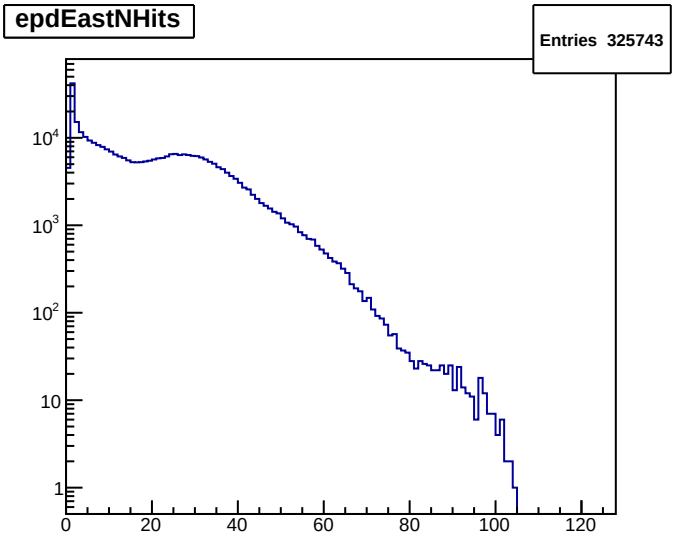
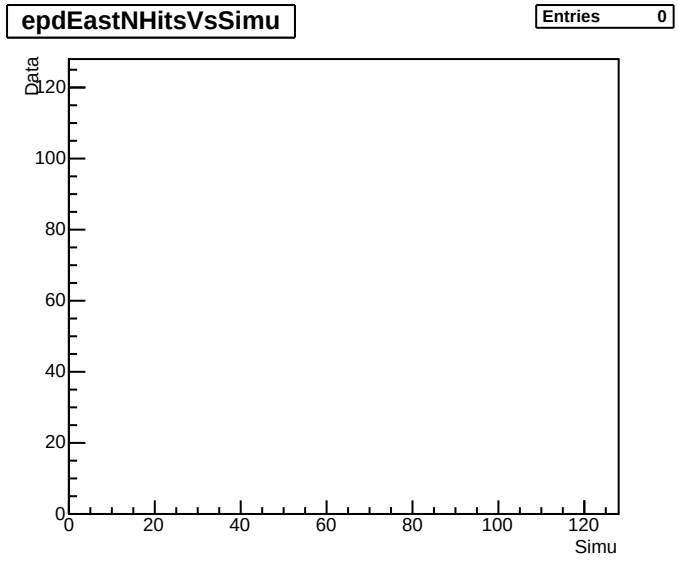
Entries 0
Data
Simu


epdEastTac47
Entries 325743


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 325743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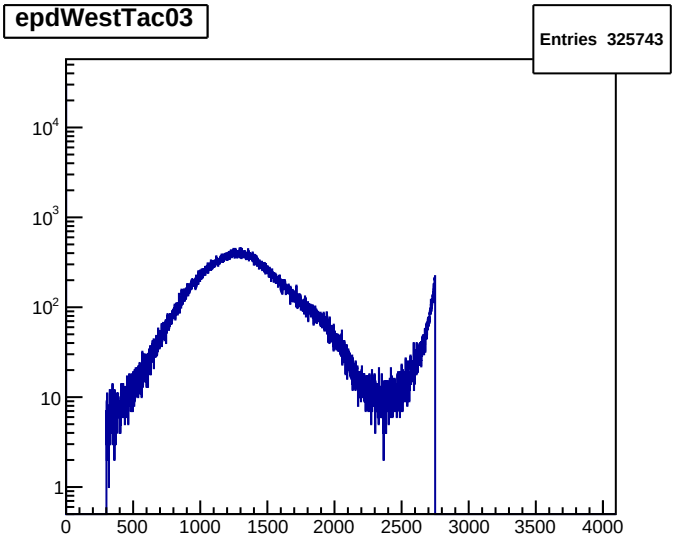
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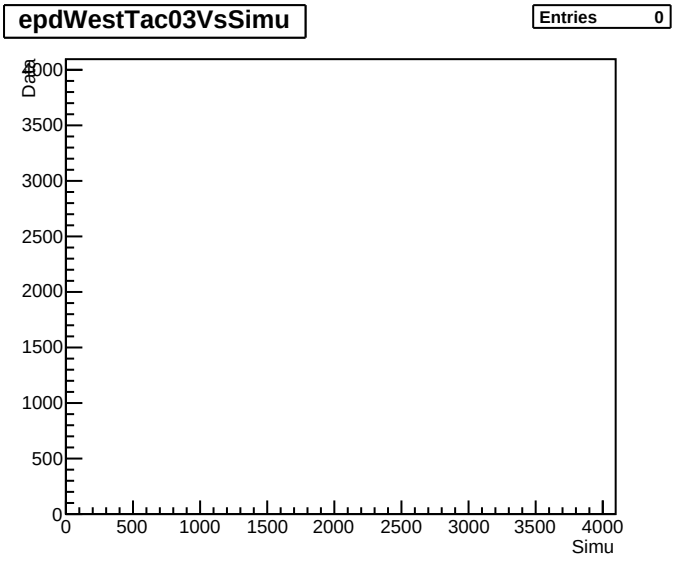
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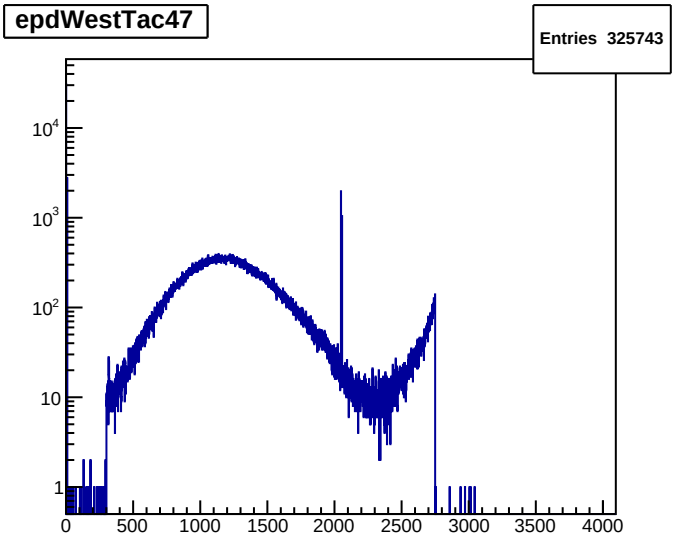
Entries 0
Data
Simu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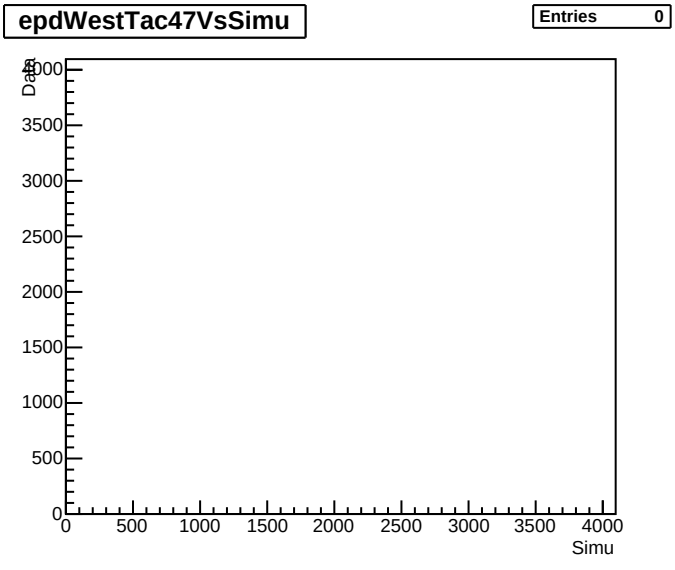
Entries 325743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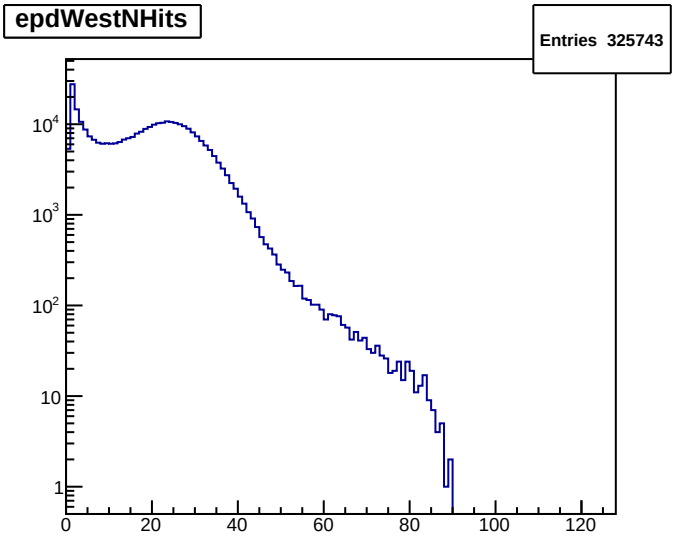
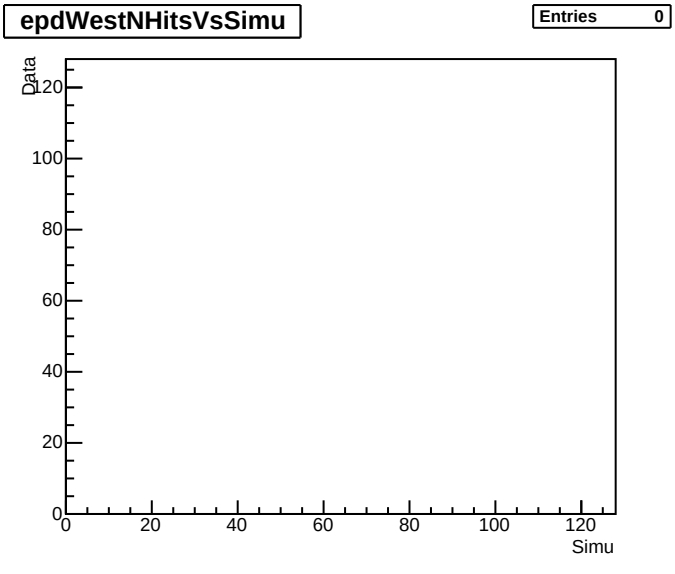
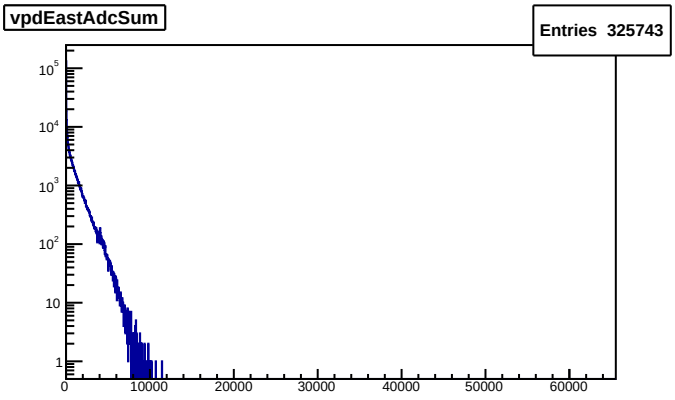
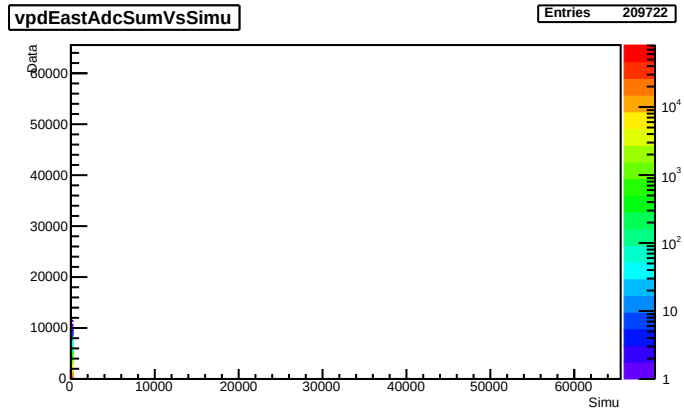
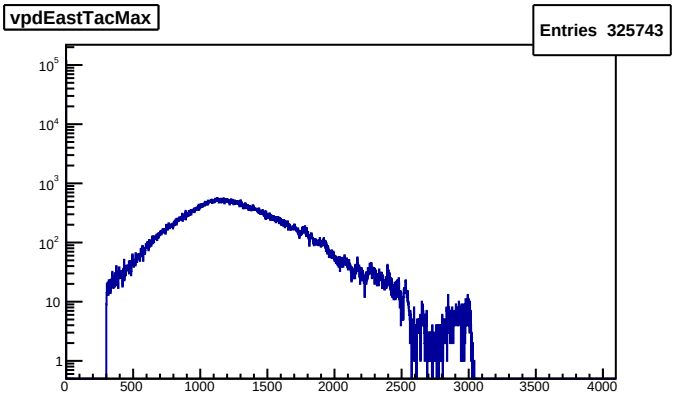
Entries 0
Data
Simu

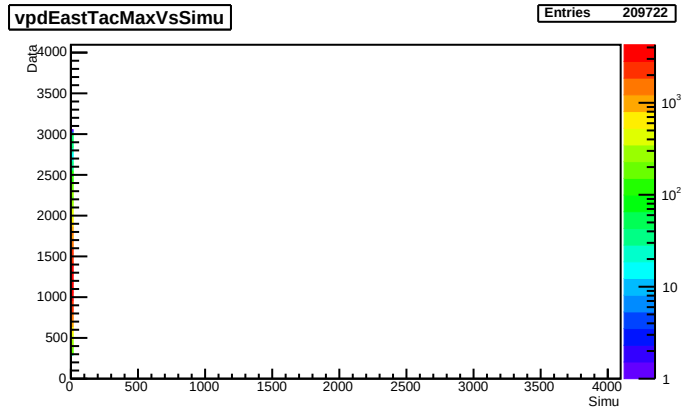

epdWestNHits
Entries 325743

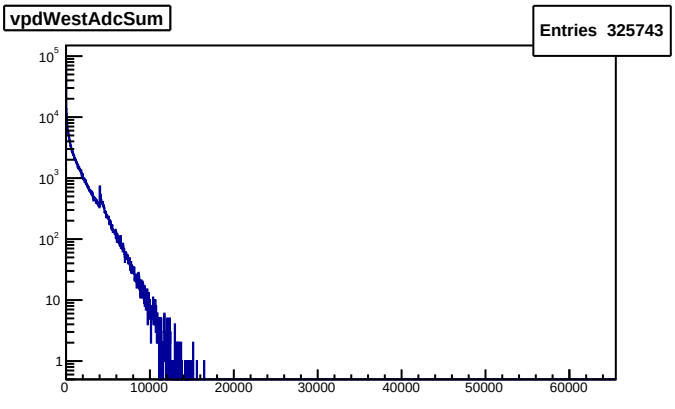

epdWestNHitsVsSimu
Entries 0
Data
Simu

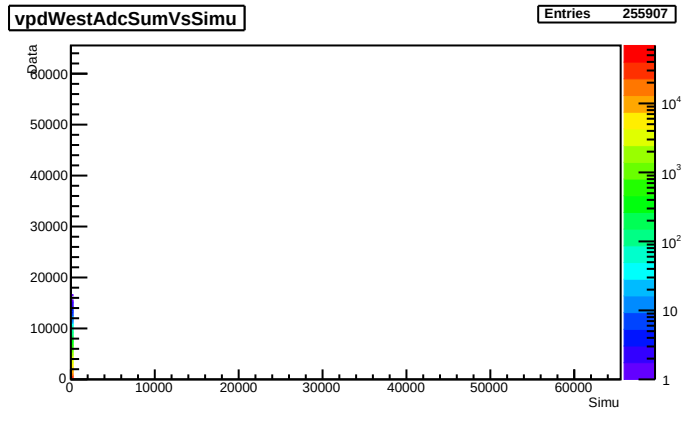

vpdEastAdcSum
Entries 325743

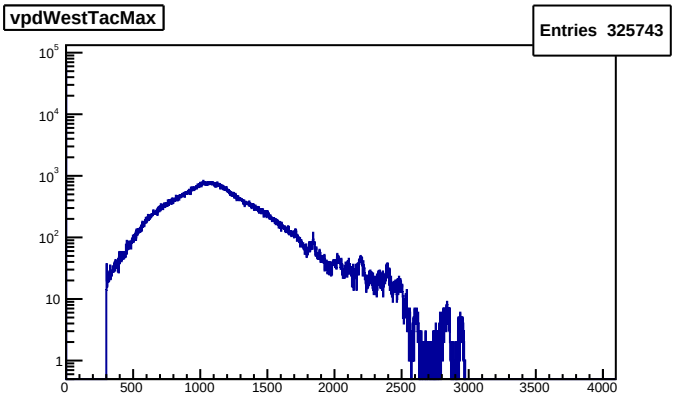

vpdEastAdcSumVsSimu
Entries 209722
Data
Simu

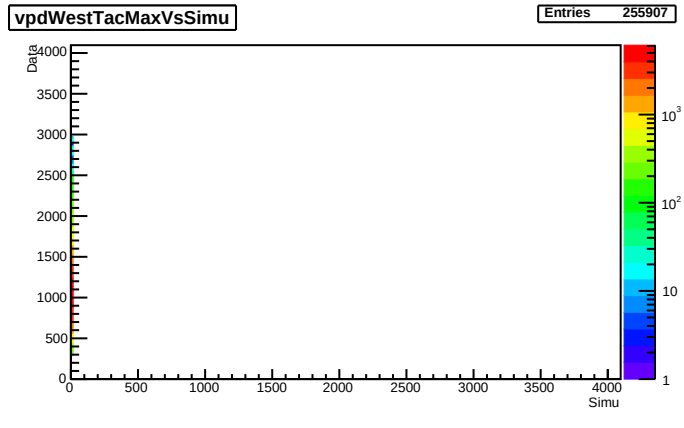

vpdEastTacMax
Entries 325743

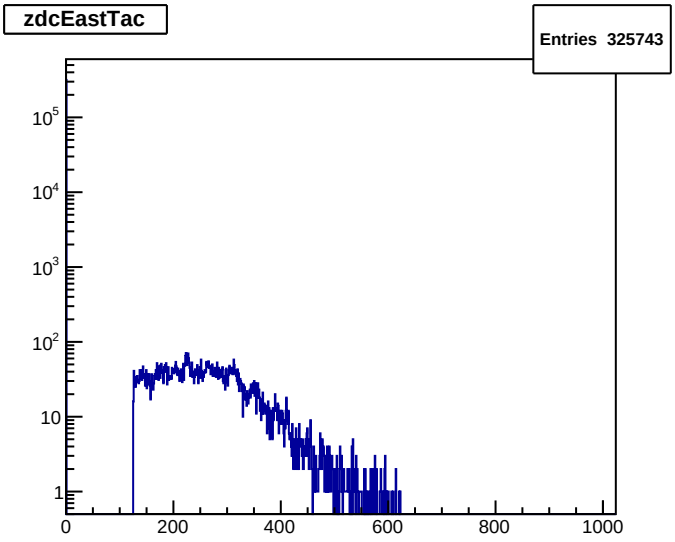

vpdEastTacMaxVsSimu
Entries 209722
Data
Simu

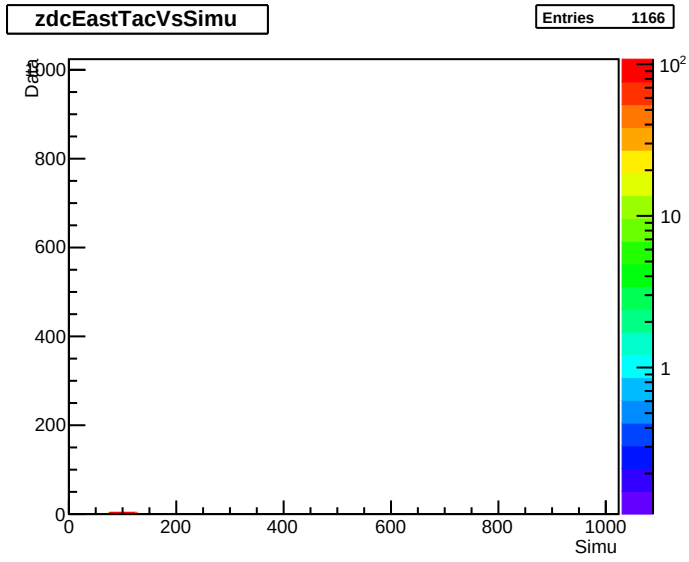

vpdWestAdcSum
Entries 325743

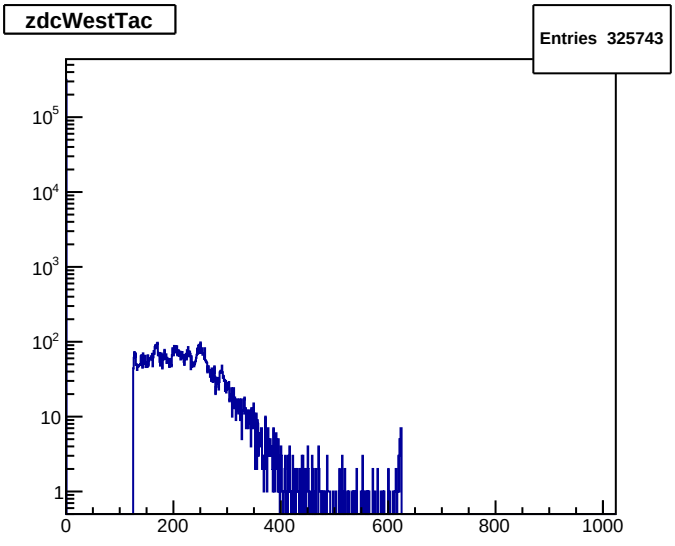

vpdWestAdcSumVsSimu
Entries 255907
Data
Simu

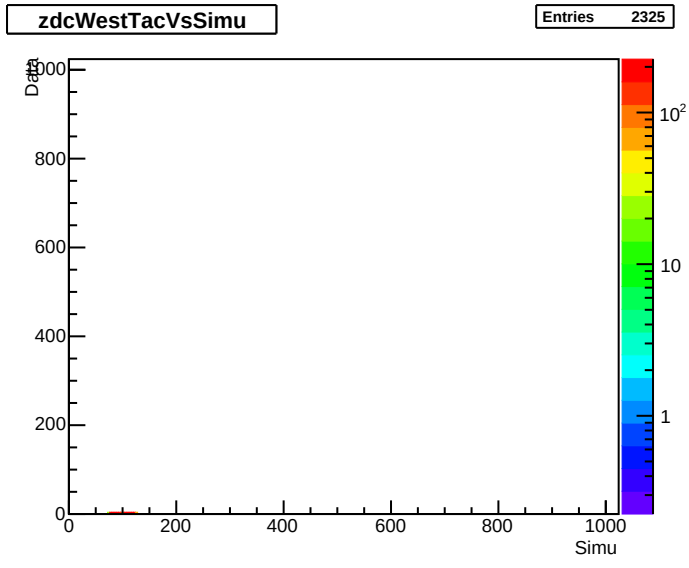

vpdWestTacMax
Entries 325743

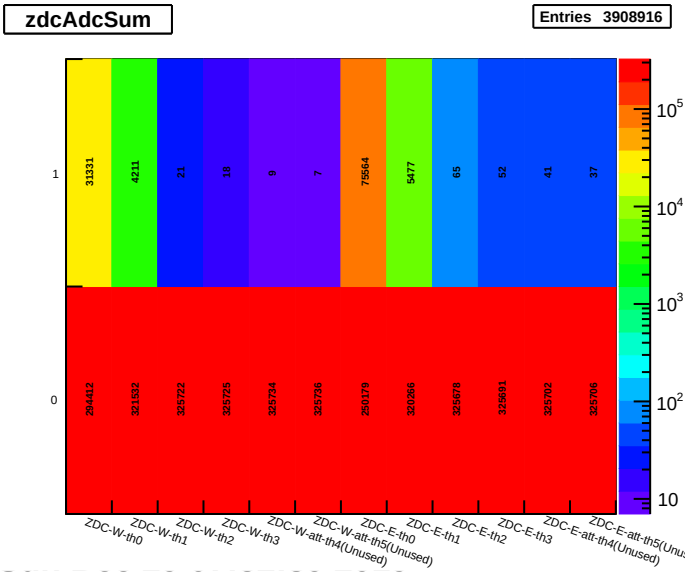

vpdWestTacMaxVsSimu
Entries 255907
Data
Simu

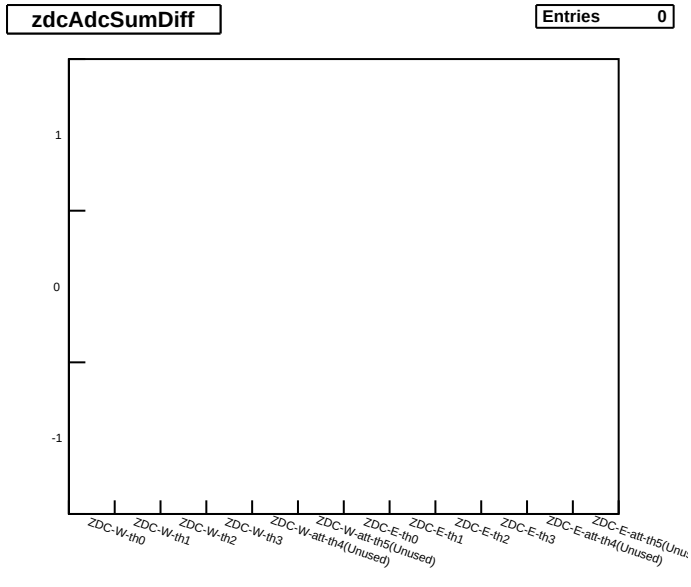

zdcEastTac
Entries 325743

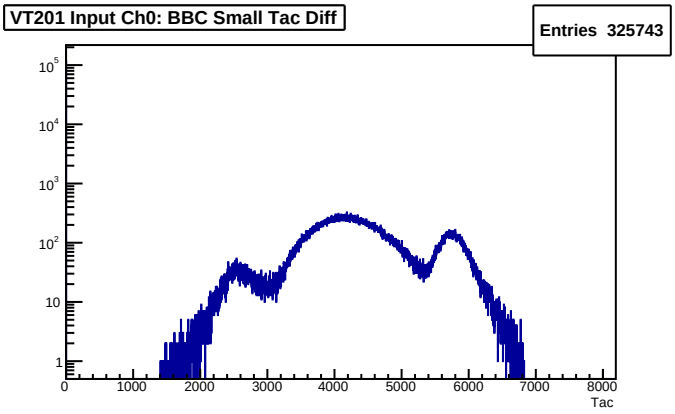

zdcEastTacVsSimu
Entries 1166
Data
Simu

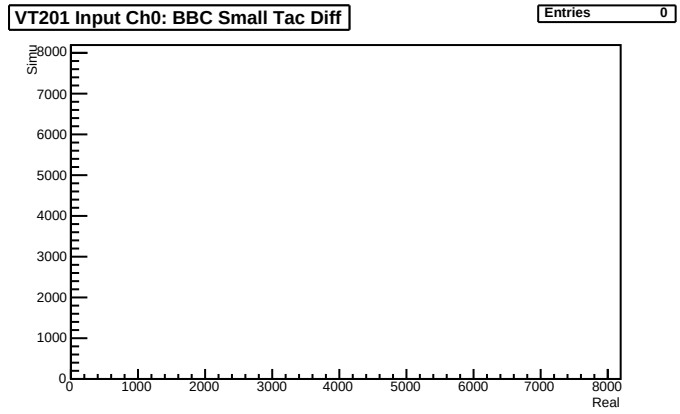

zdcWestTac
Entries 325743

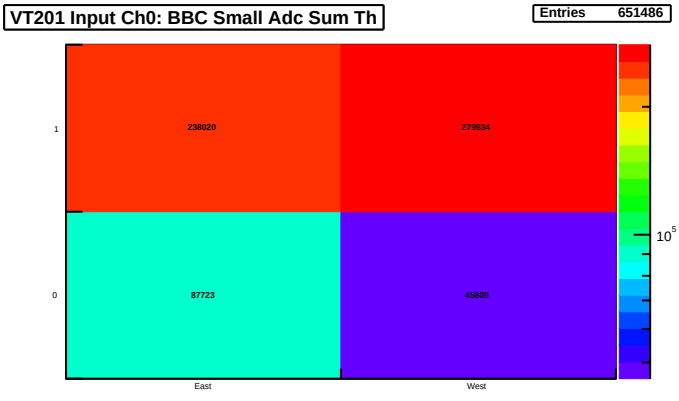

zdcWestTacVsSimu
Entries 2325
Data
Simu

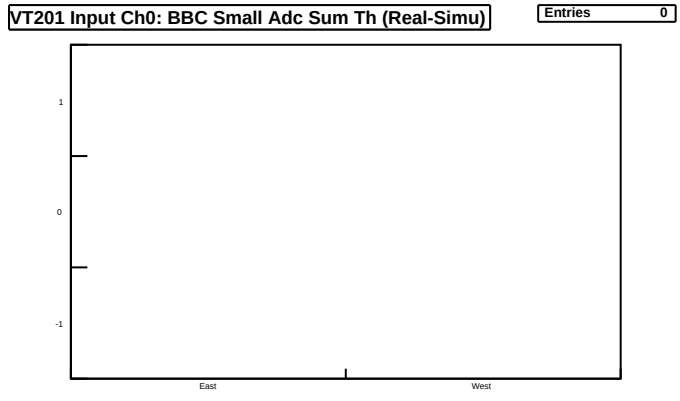

zdcAdcSum
Entries 3908916
31331
4211
21
18
9
7
75564
5477
65
52
41
37
294412
321532
325722
325725
325734
325736
250179
320266
325678
325691
325702
325706
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

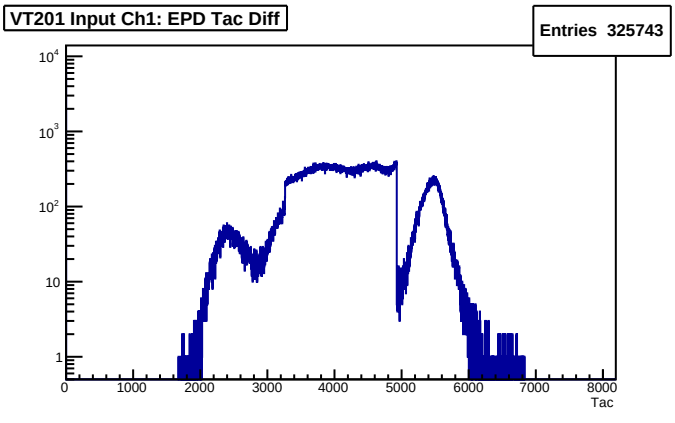

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

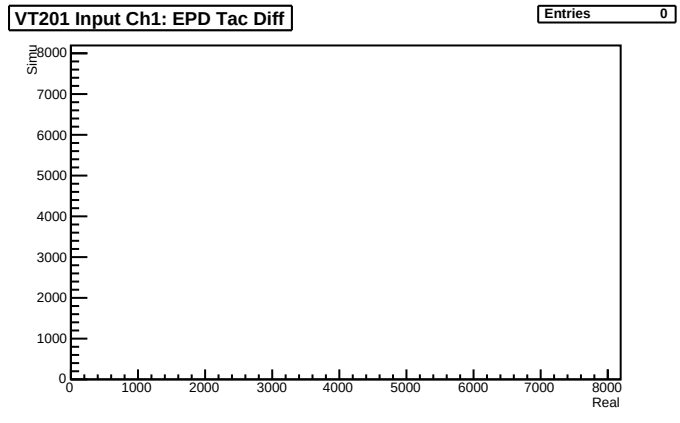

VT201 Input Ch0: BBC Small Tac Diff
Entries 325743
Tac

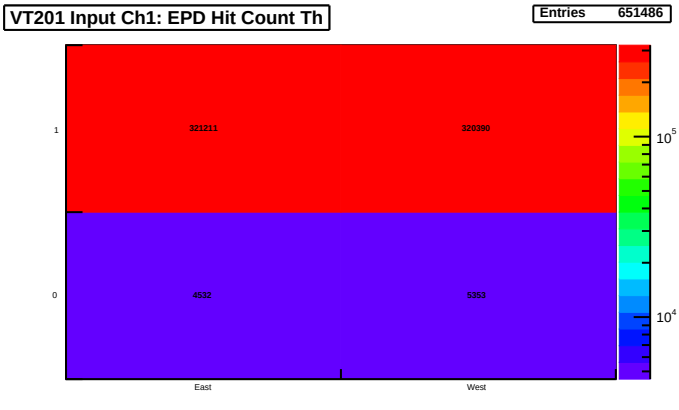

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

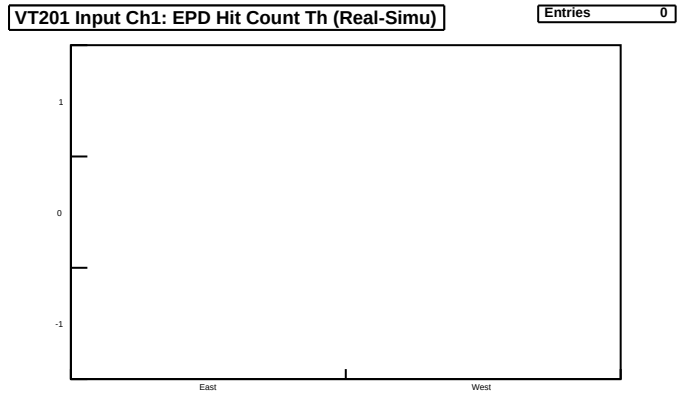

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 651486
238020
279934
87723
45809
East
West

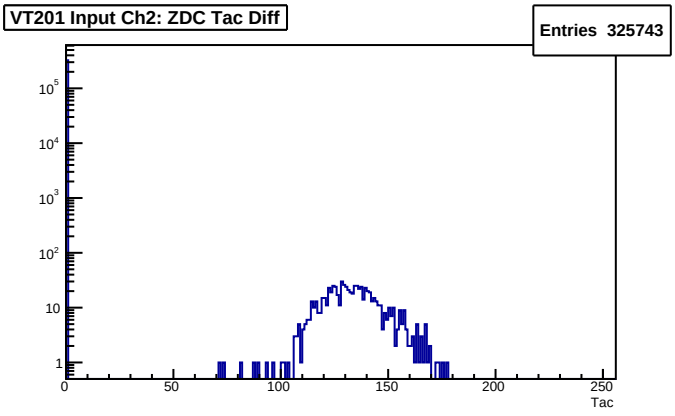

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

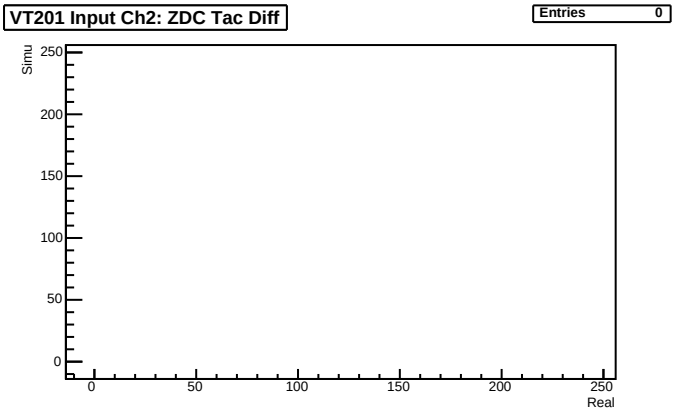

VT201 Input Ch1: EPD Tac Diff
Entries 325743
Tac

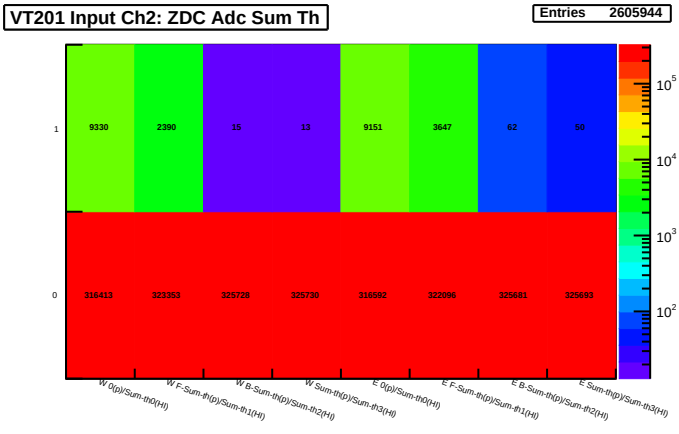

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

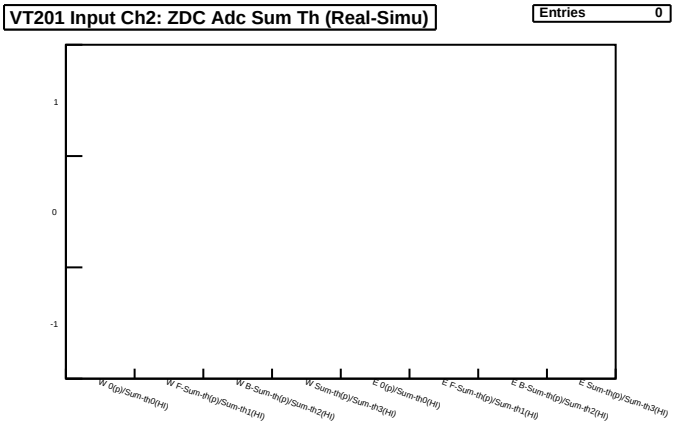

VT201 Input Ch1: EPD Hit Count Th
Entries 651486
321211
320390
4532
5353
East
West

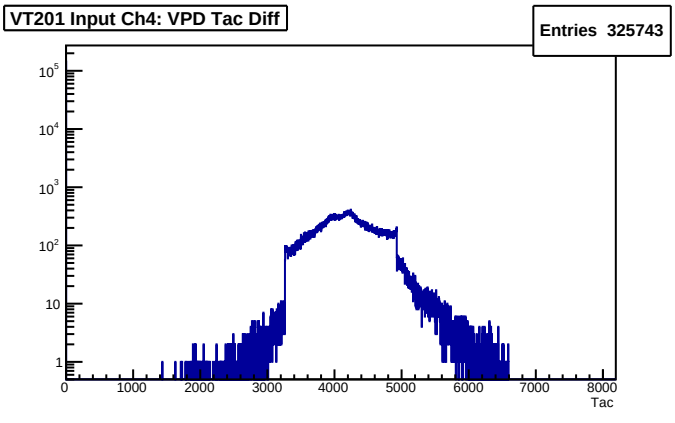

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

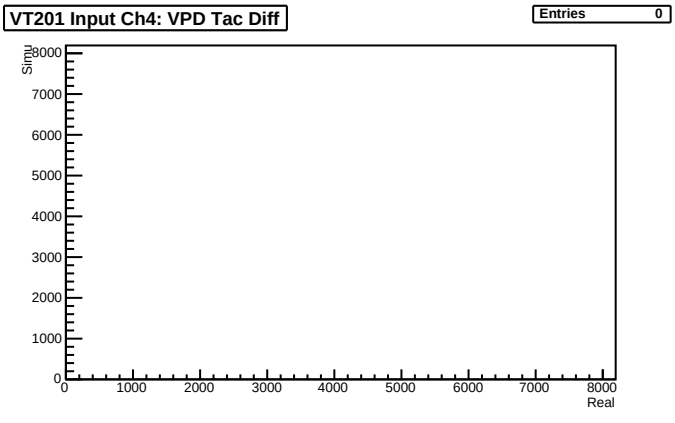

VT201 Input Ch2: ZDC Tac Diff
Entries 325743
Tac

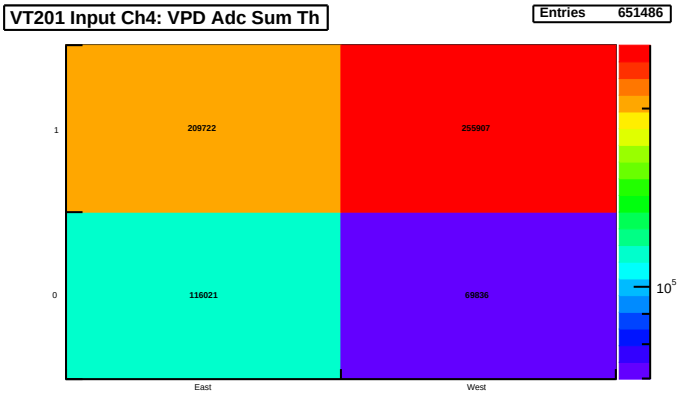

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

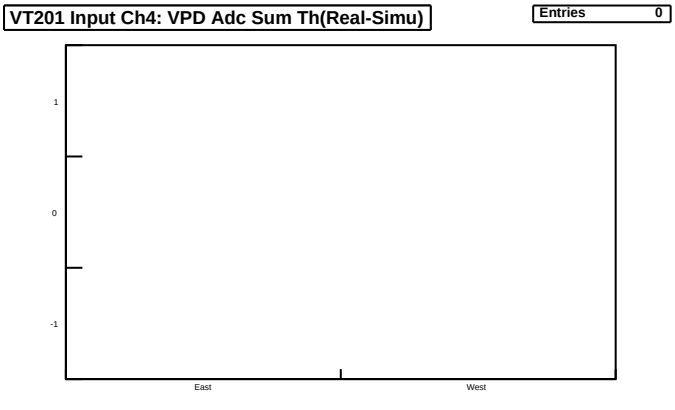

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2605944
9330
2390
15
13
9151
3647
62
50
316413
323353
325728
325730
316592
322096
325681
325693
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

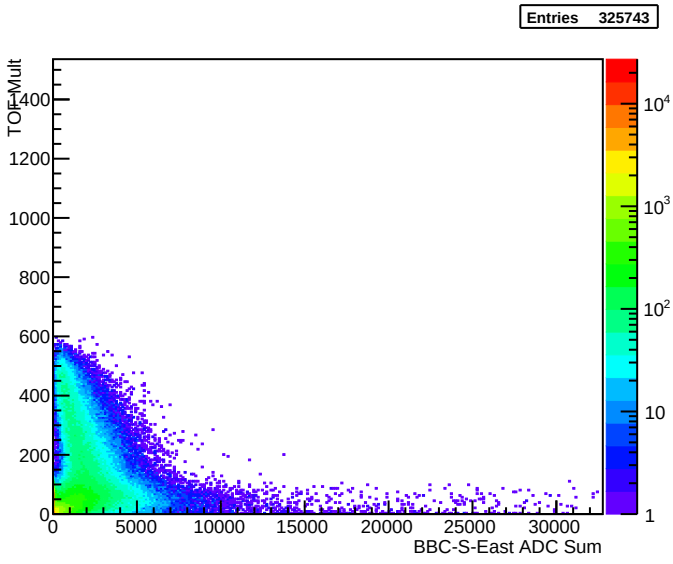

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

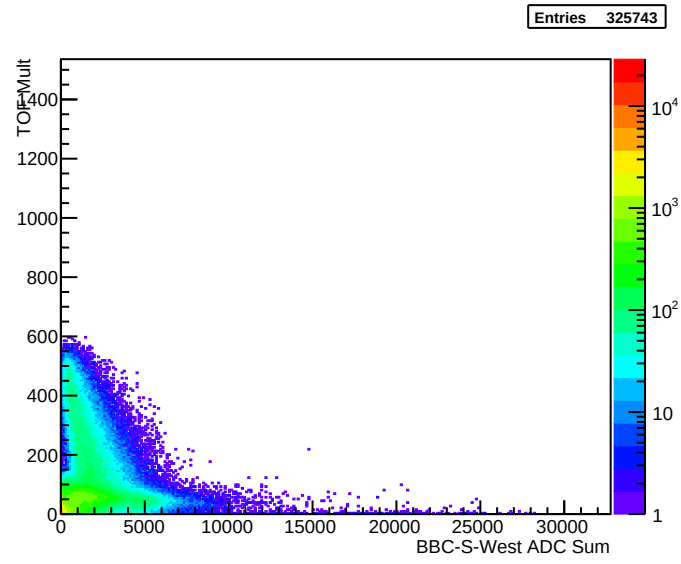

VT201 Input Ch4: VPD Tac Diff
Entries 325743
Tac

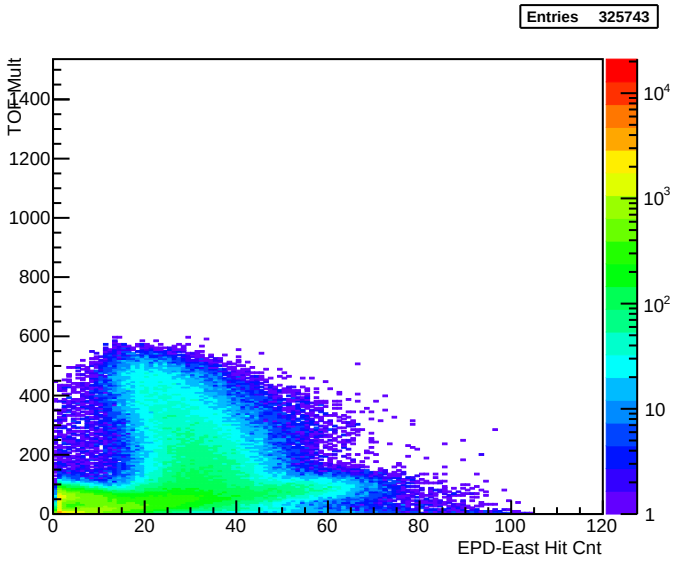

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

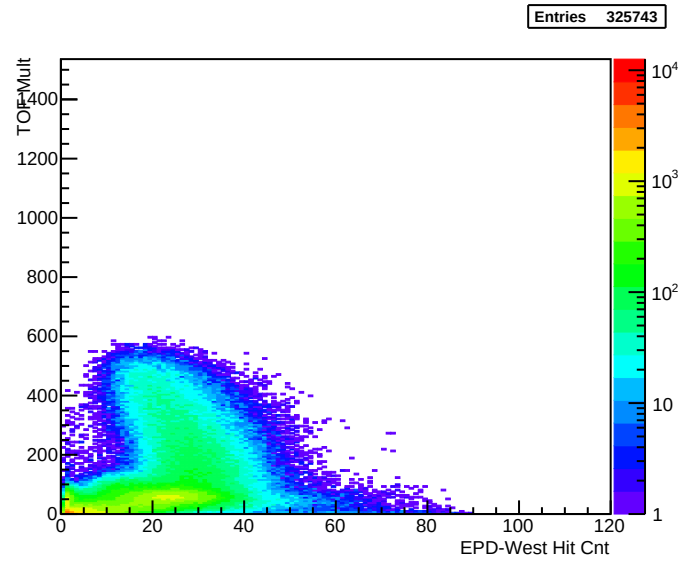

VT201 Input Ch4: VPD Adc Sum Th
Entries 651486
209722
255907
116021
69836
East
West

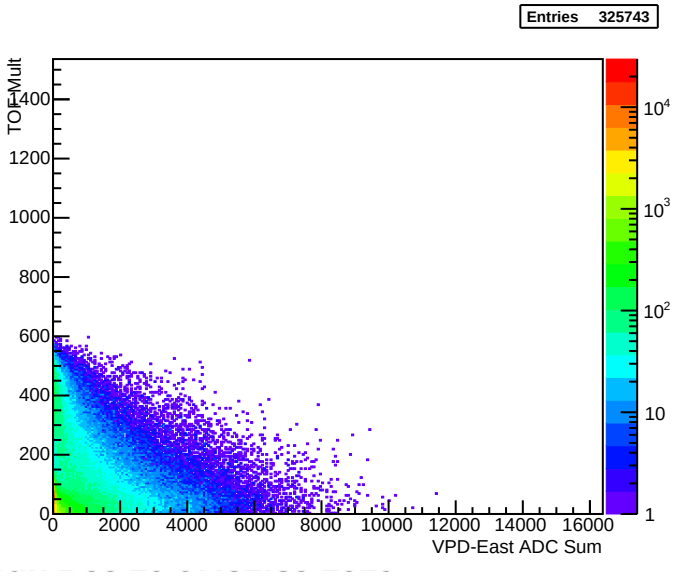

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

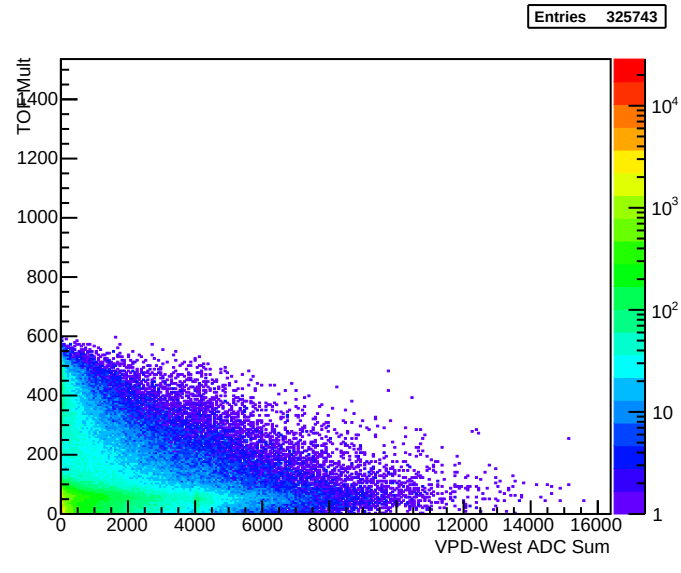

Entries 325743
TOF-Mult
BBC-S-East ADC Sum

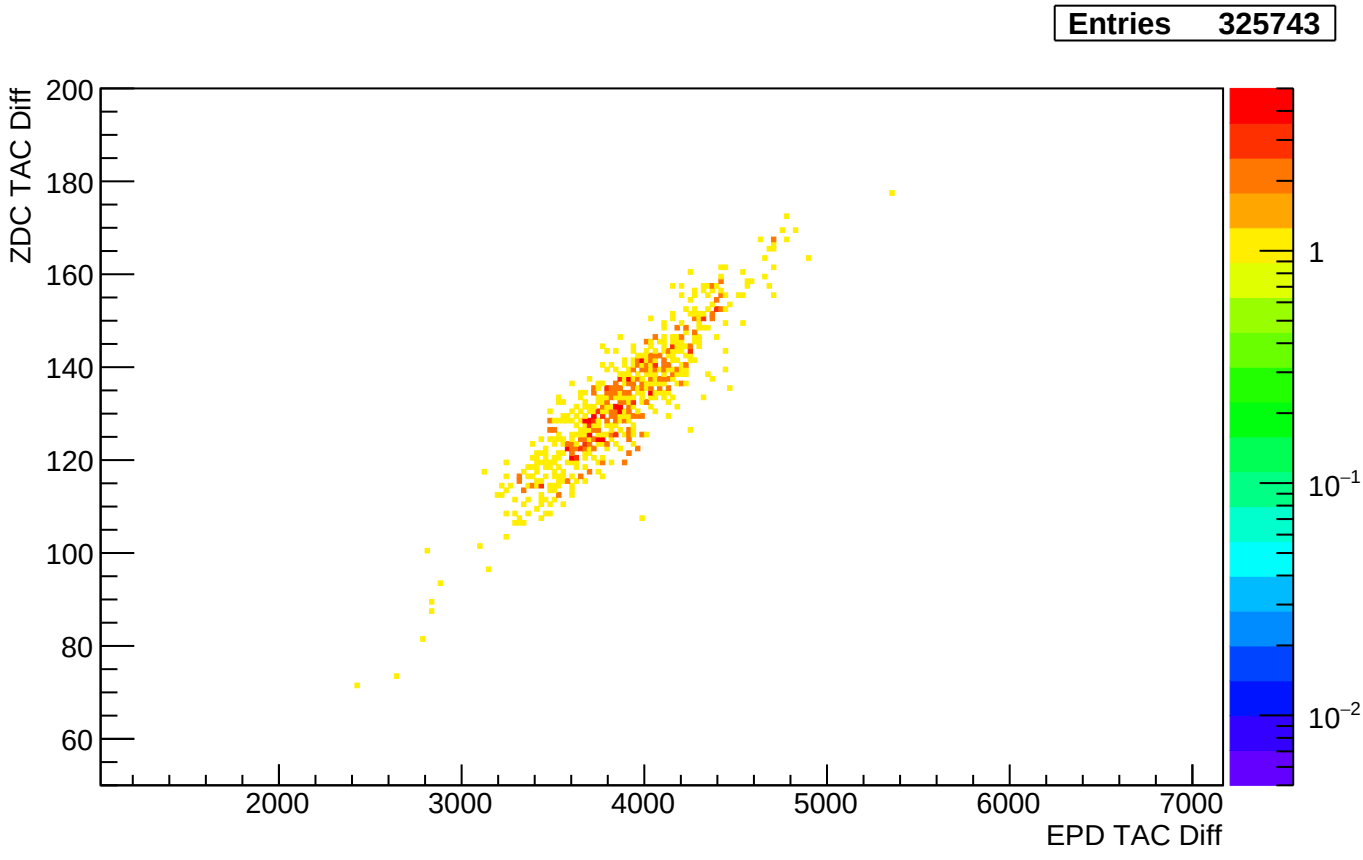

Entries 325743
TOF-Mult
BBC-S-West ADC Sum

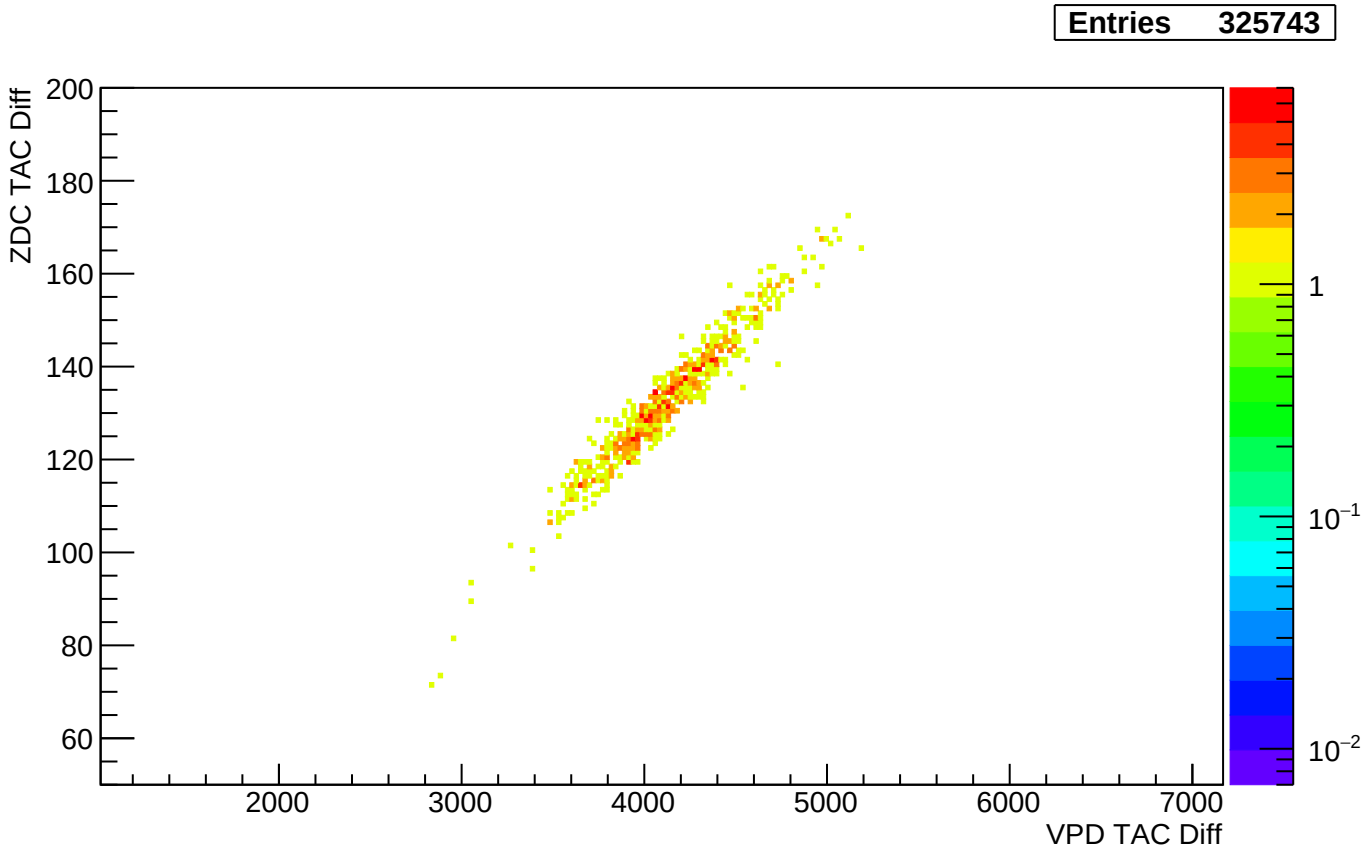

Entries 325743
TOF-Mult
EPD-East Hit Cnt

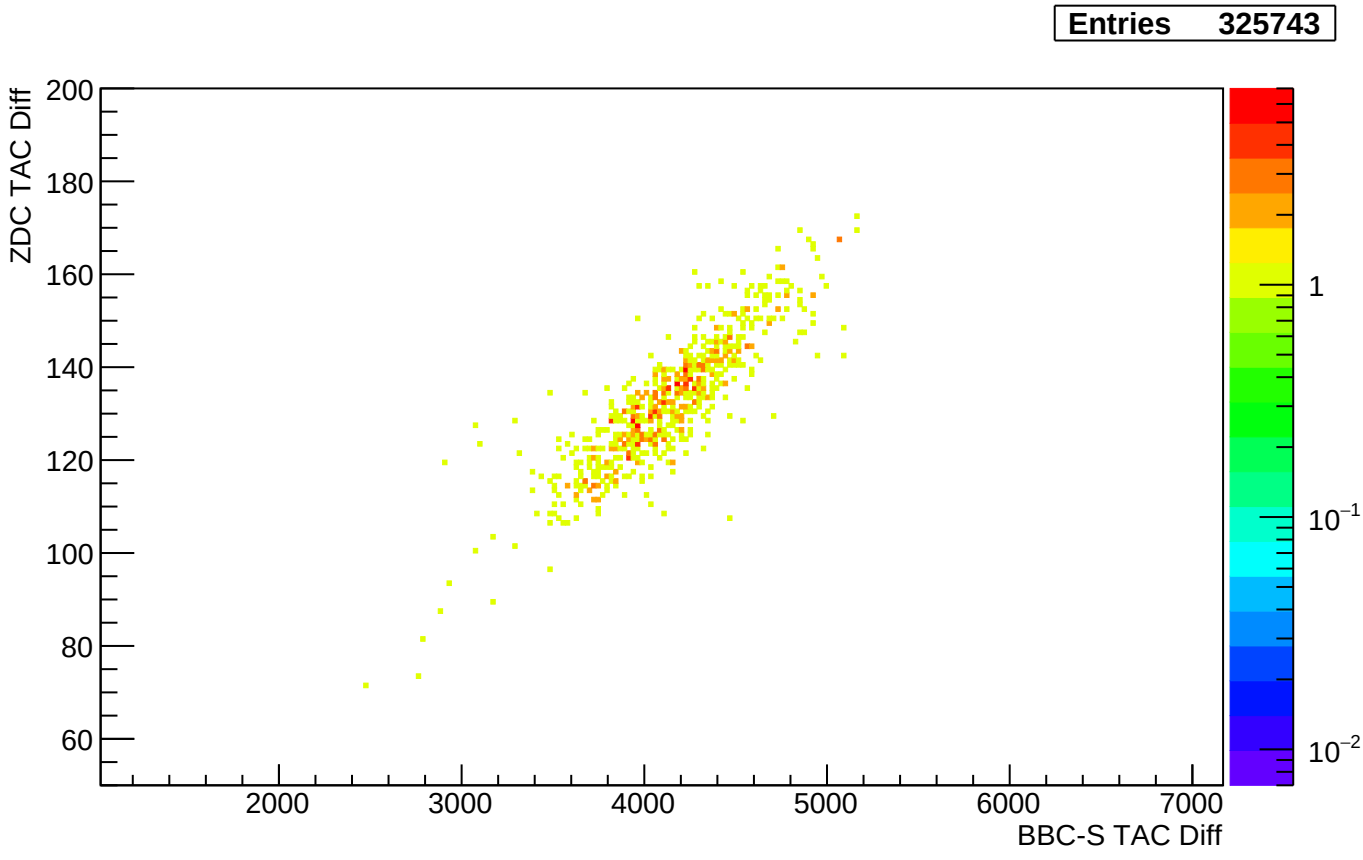

Entries 325743
TOF-Mult
EPD-West Hit Cnt

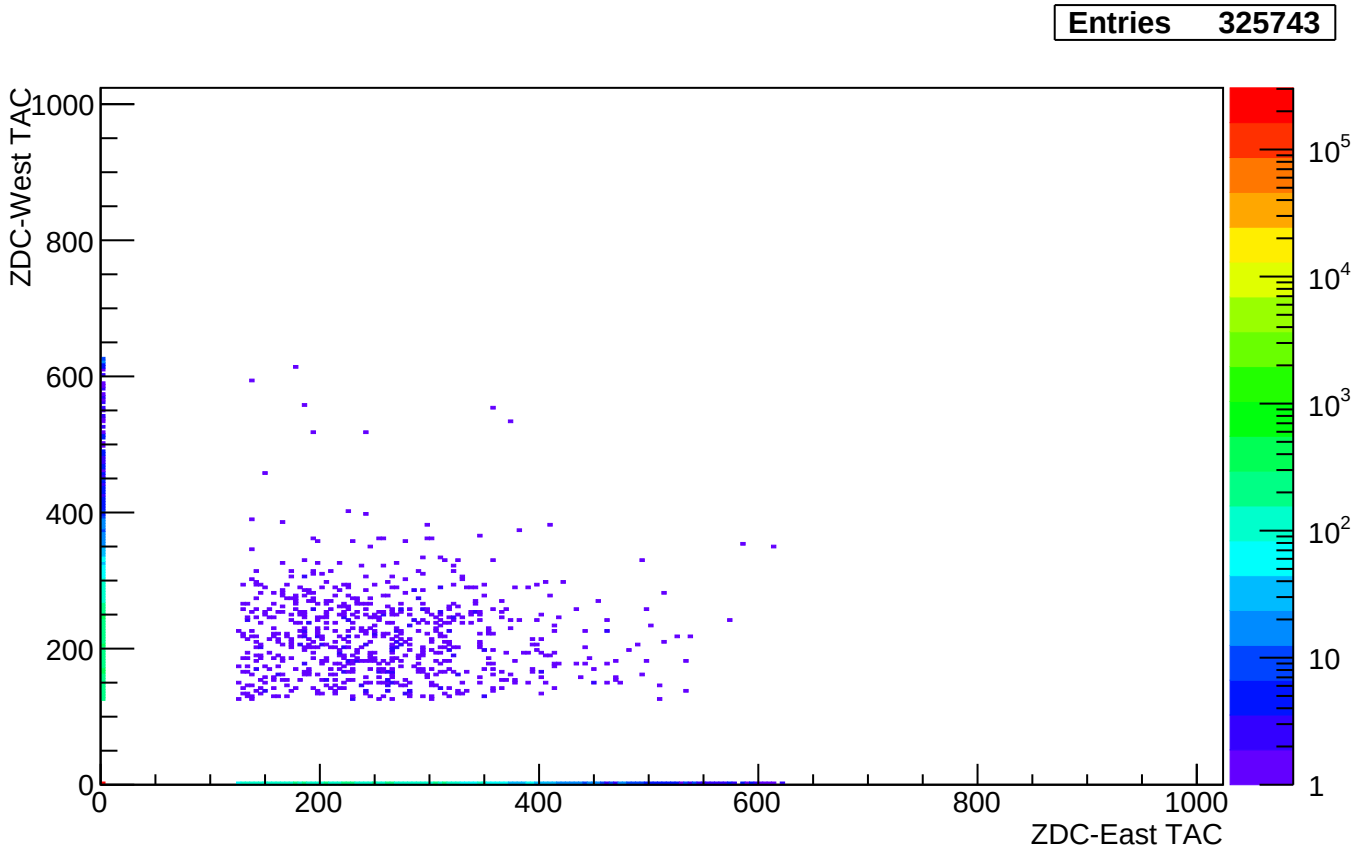

Entries 325743
TOF-Mult
VPD-East ADC Sum

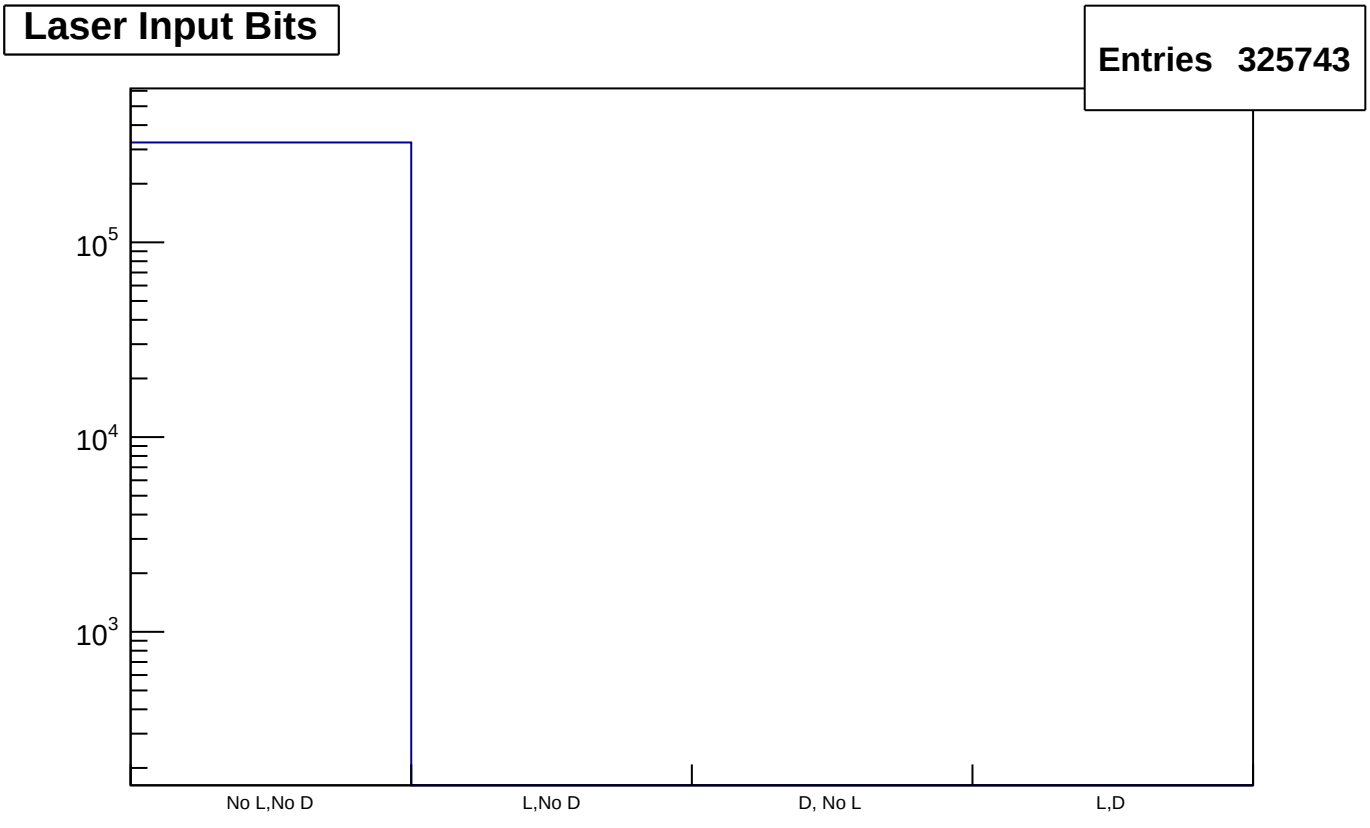

Entries 325743
TOF-Mult
VPD-West ADC Sum

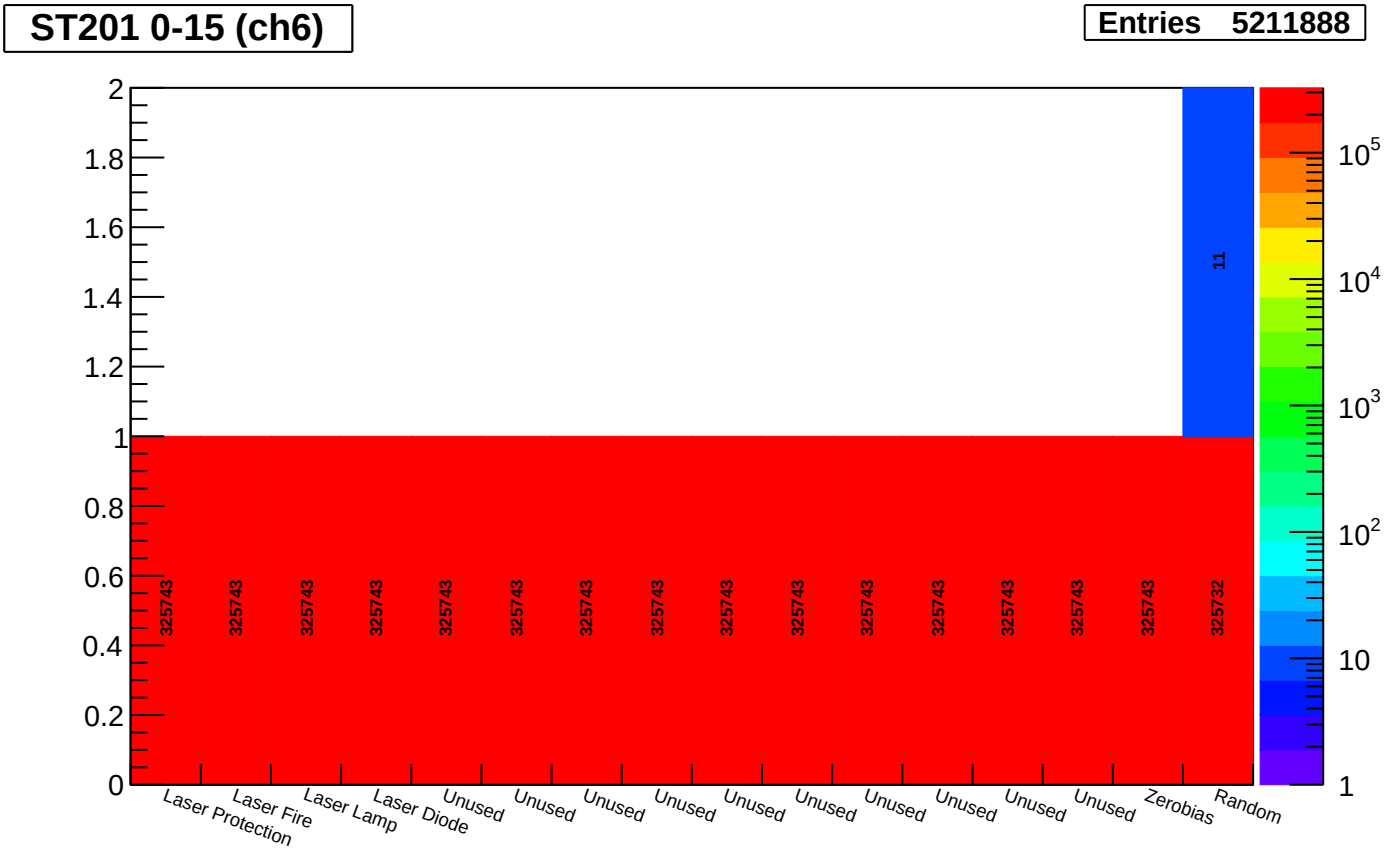

Entries 325743
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

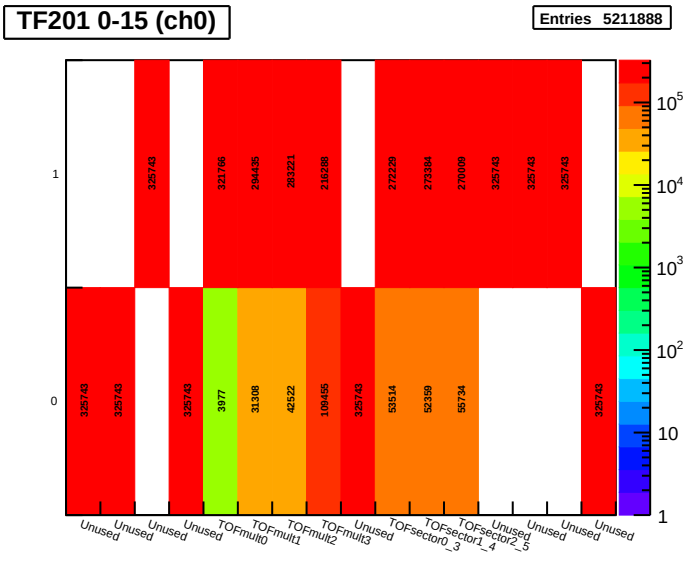

Entries 325743
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

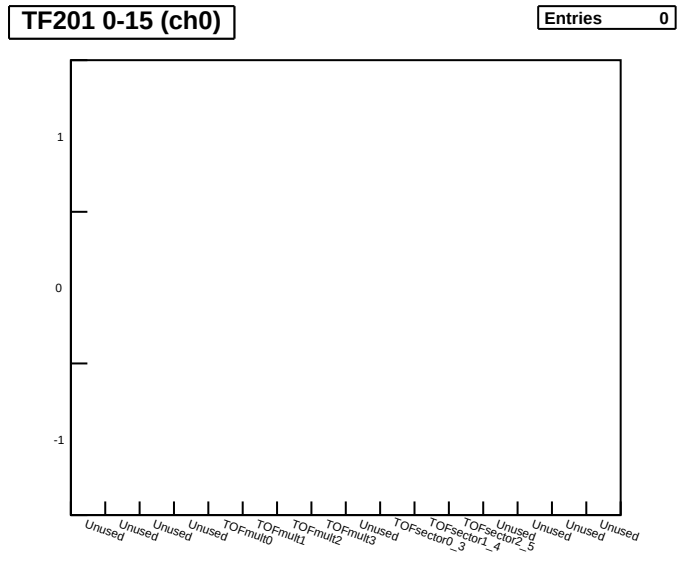

Entries 325743
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

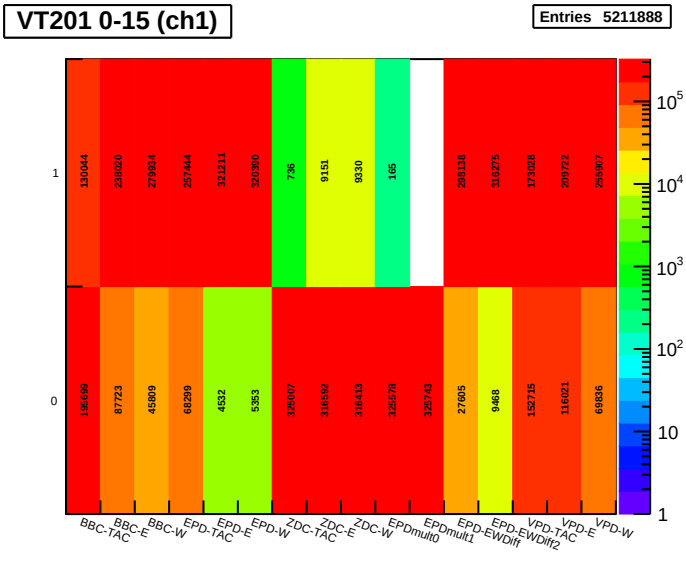

Entries 325743
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

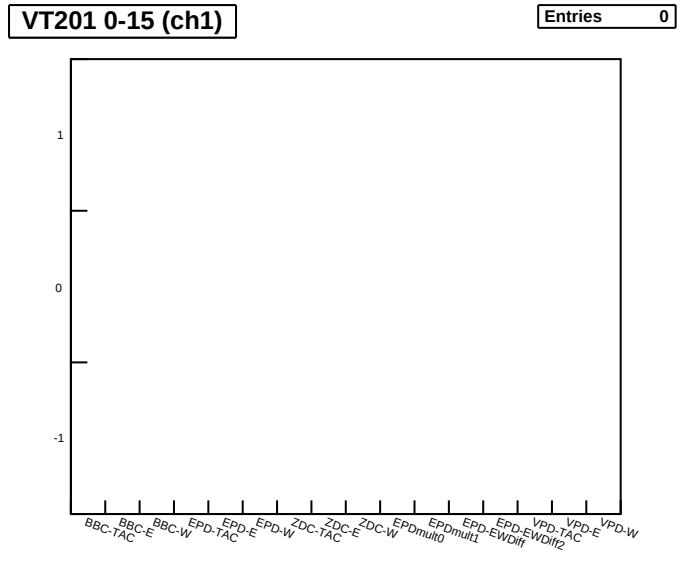

Laser Input Bits
Entries 325743
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

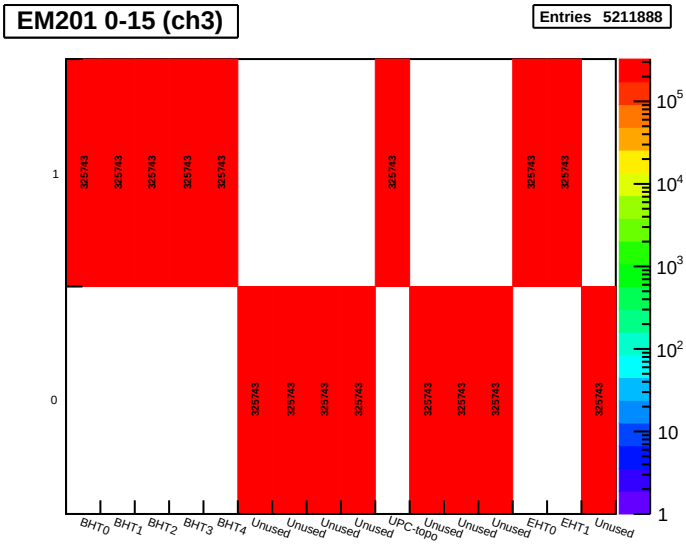

ST201 0-15 (ch6)
Entries 5211888
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
11
325743
325743
325743
325743
325743
325743
325743
325743
325743
325743
325743
325743
325743
325743
325743
325732
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

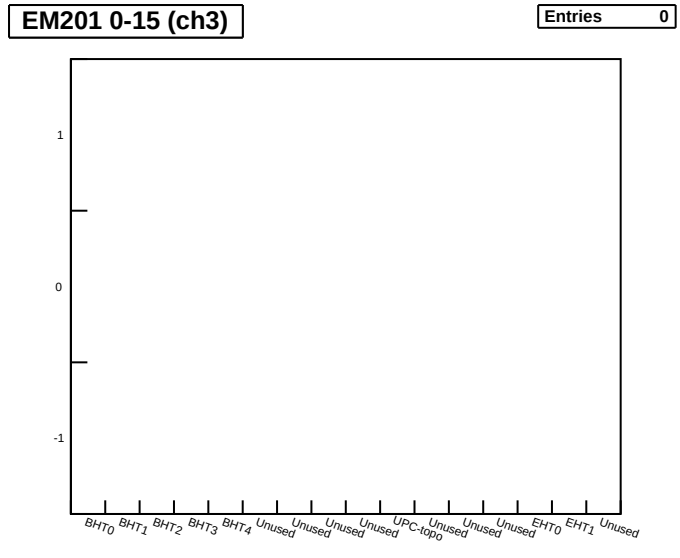

TF201 0-15 (ch0)
Entries 5211888
1
0
325743
321766
294435
283221
216288
272229
272384
270009
325743
325743
325743
325743
325743
3977
31308
42522
109455
325743
53514
52359
55734
325743
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 5211888
1
0
130044
238020
279934
257444
321211
320390
736
9151
9330
165
298158
316275
173028
209722
255907
156699
87723
45809
68299
4532
5353
325007
316592
316413
325578
325743
27605
9468
152715
116021
69836
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 5211888
1
0
325743
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