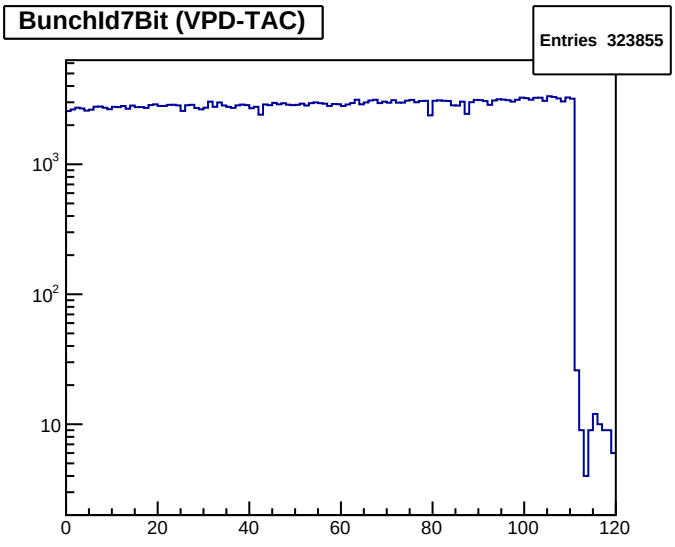
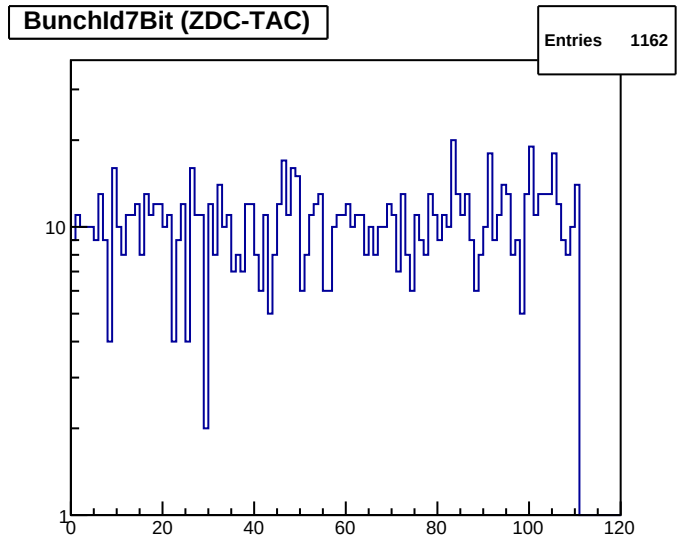
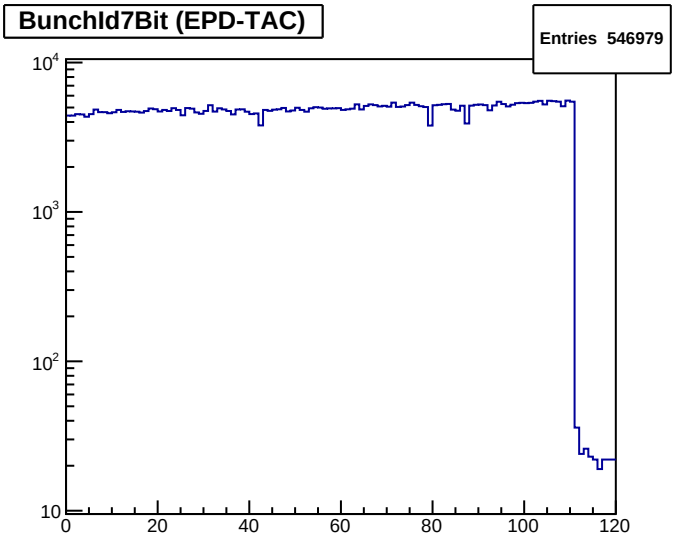
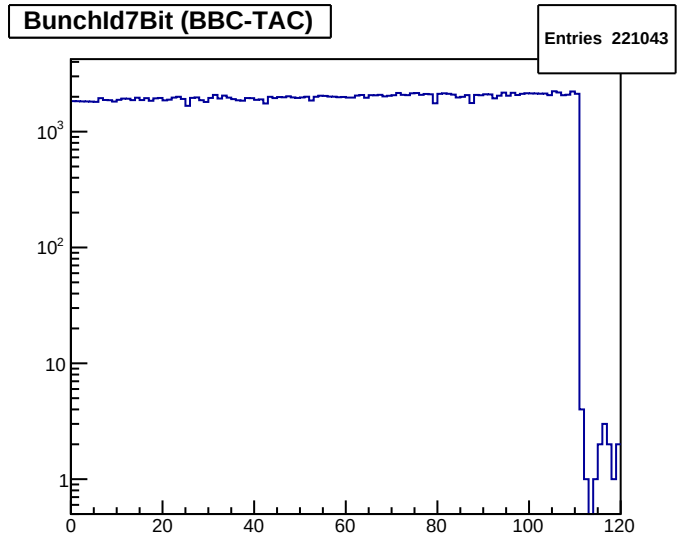
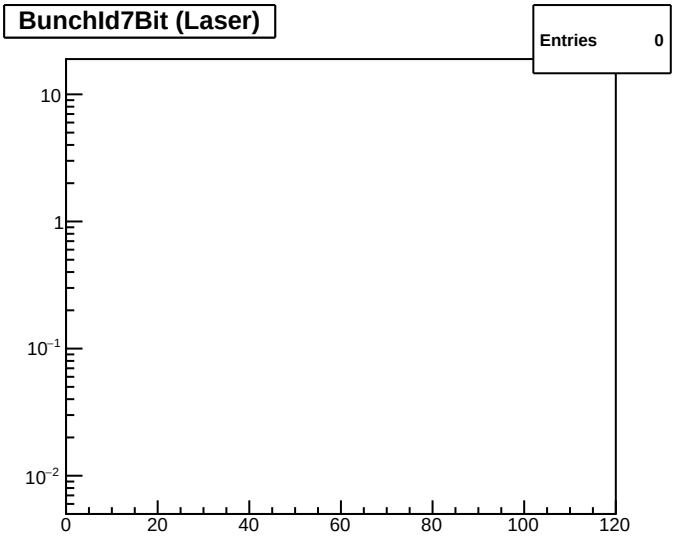
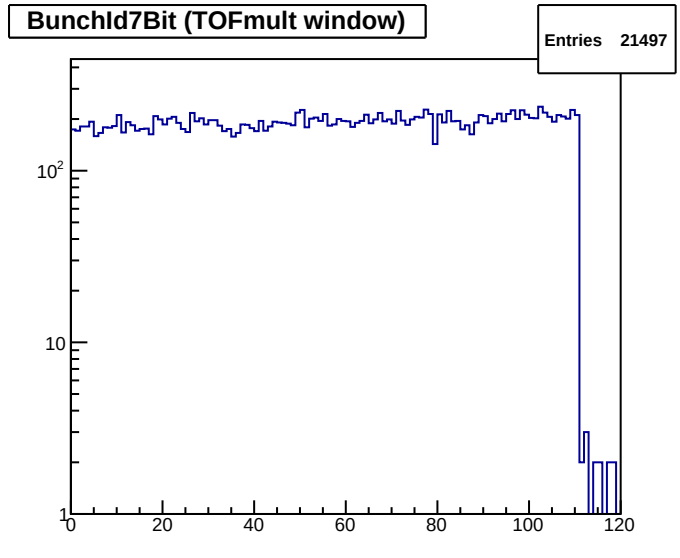

BunchId7Bit (VPD-TAC)
Entries 323855

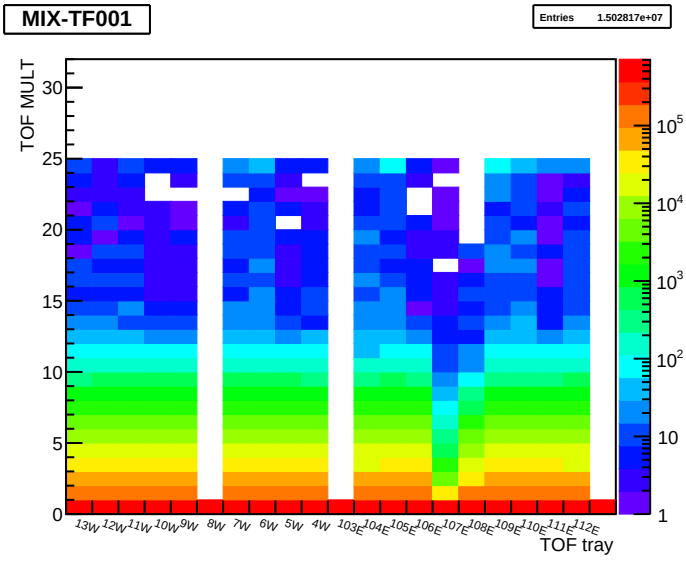

BunchId7Bit (ZDC-TAC)
Entries 1162

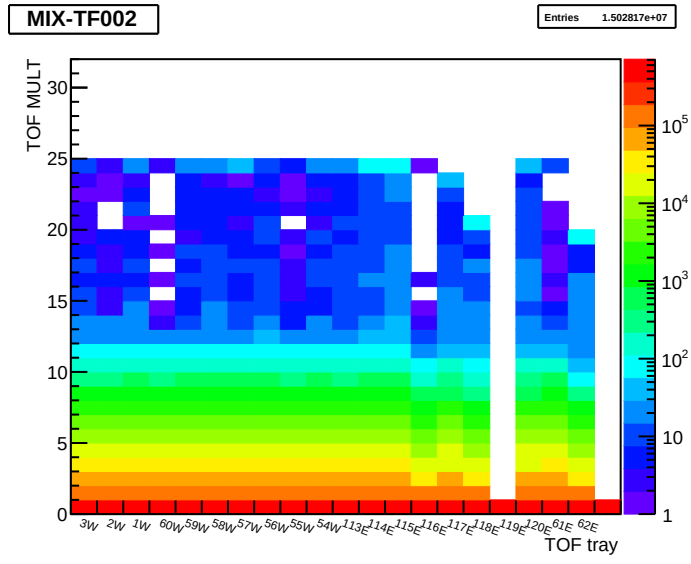

BunchId7Bit (EPD-TAC)
Entries 546979

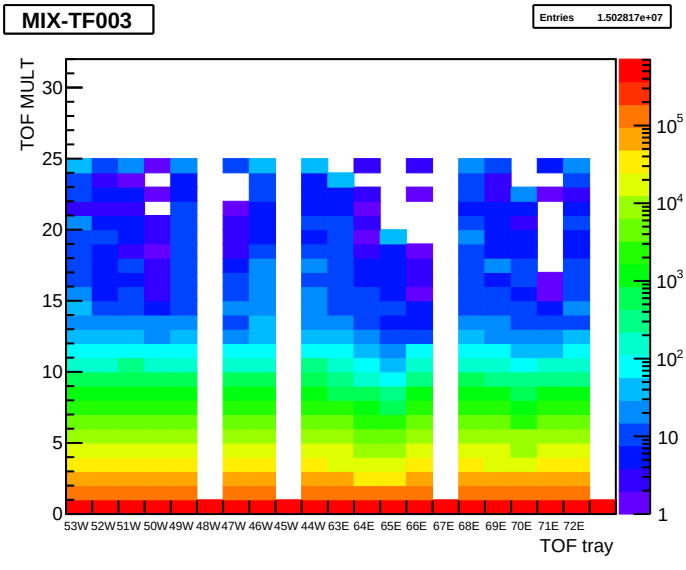

BunchId7Bit (BBC-TAC)
Entries 221043

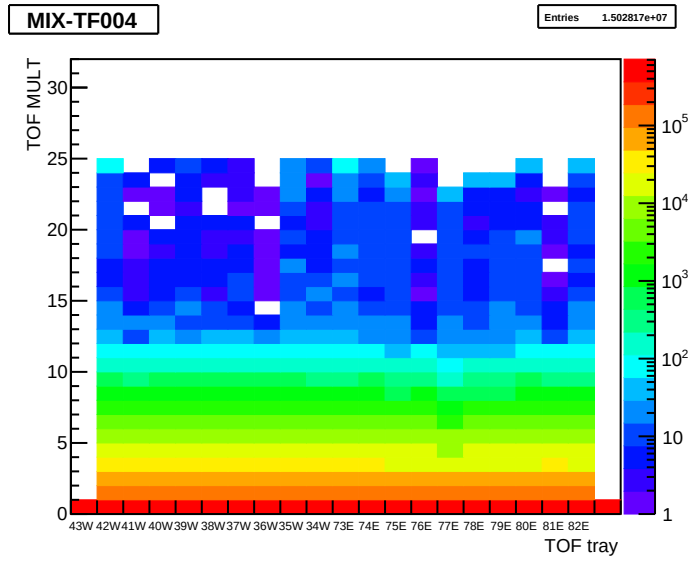

BunchId7Bit (Laser)
Entries 0

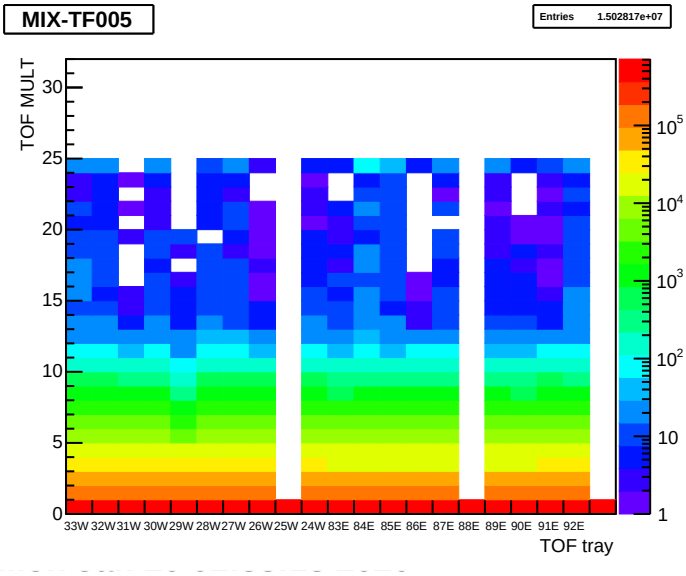

BunchId7Bit (TOFmult window)
Entries 21497

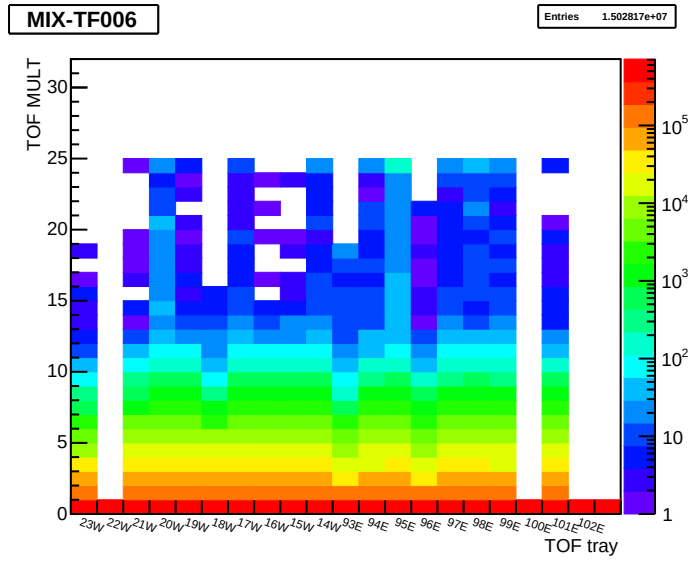

MIX-TF001
Entries 1.502817e+07
TOF MULT
TOF tray

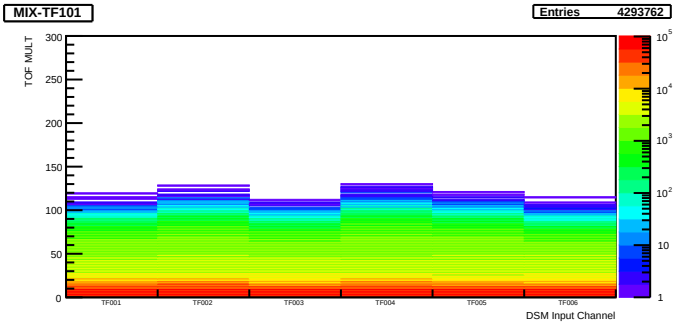

MIX-TF002
Entries 1.502817e+07
TOF MULT
TOF tray

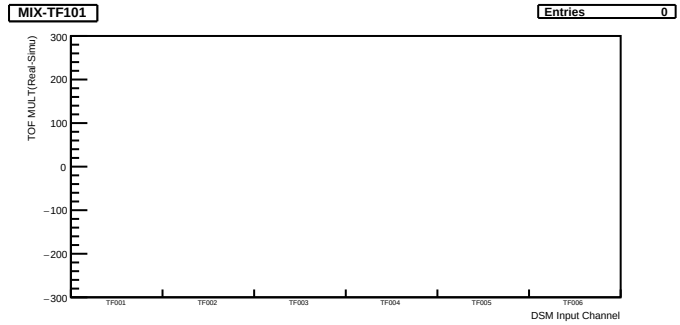

MIX-TF003
Entries 1.502817e+07
TOF MULT
TOF tray

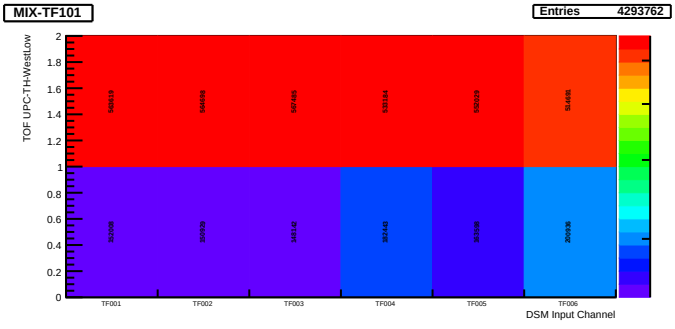

MIX-TF004
Entries 1.502817e+07
TOF MULT
TOF tray

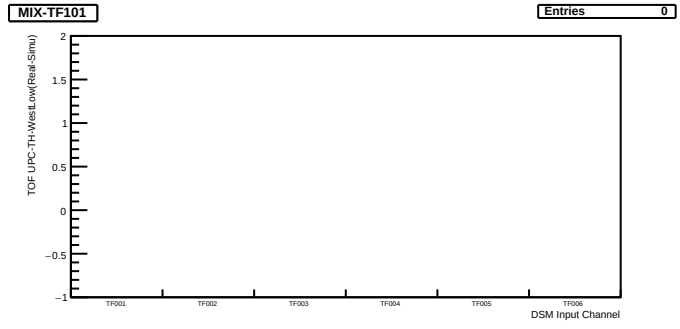

MIX-TF005
Entries 1.502817e+07
TOF MULT
TOF tray

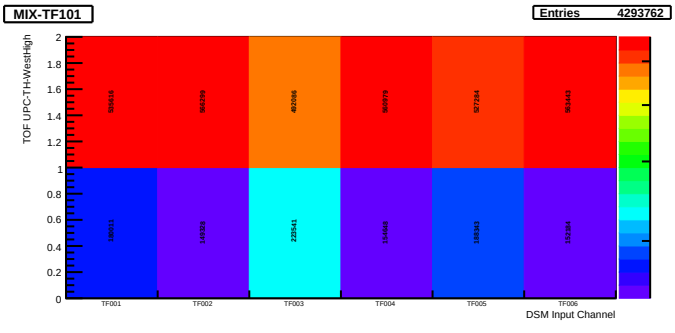

MIX-TF006
Entries 1.502817e+07
TOF MULT
TOF tray

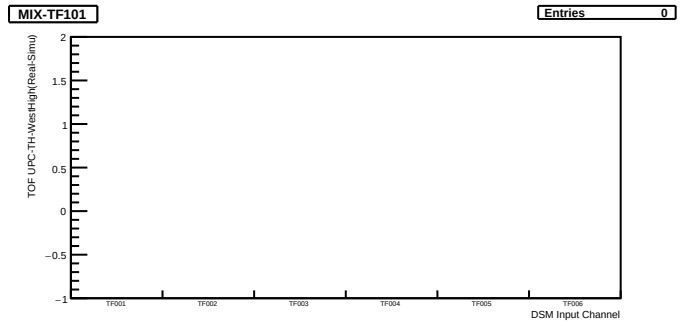

MIX-TF101
Entries 4293762
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

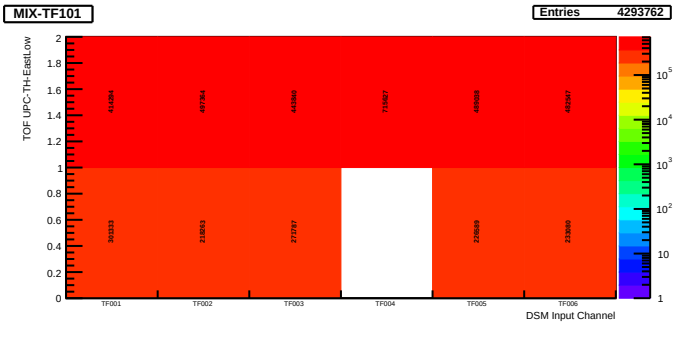

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

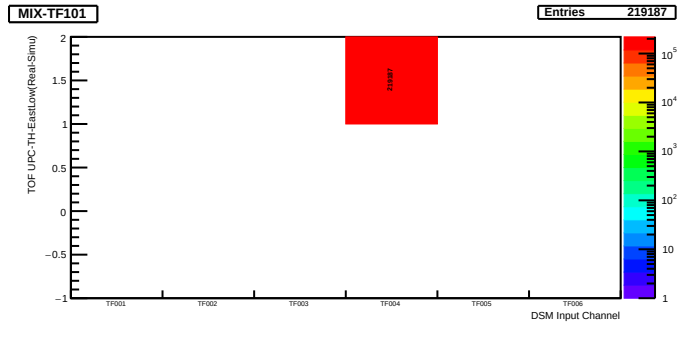

MIX-TF101
Entries 4293762
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

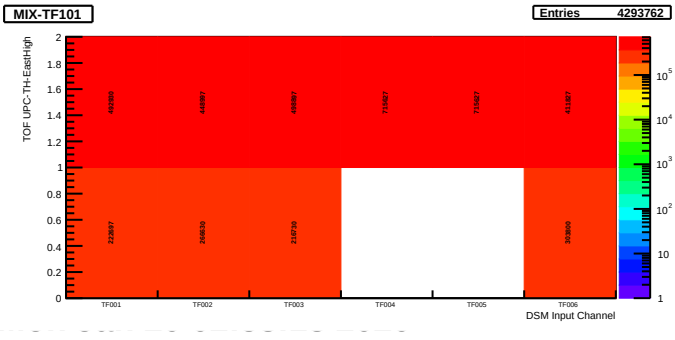

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

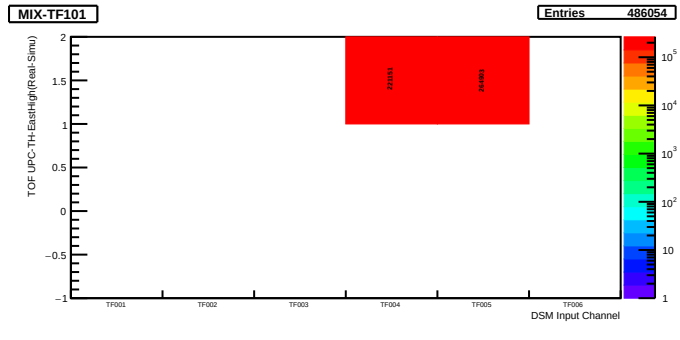

MIX-TF101
Entries 4293762
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

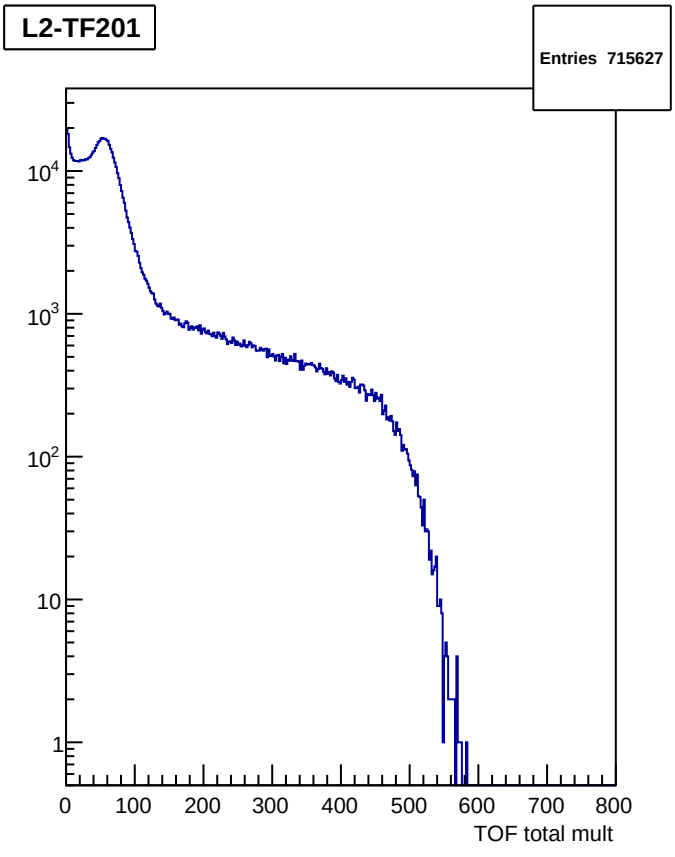

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

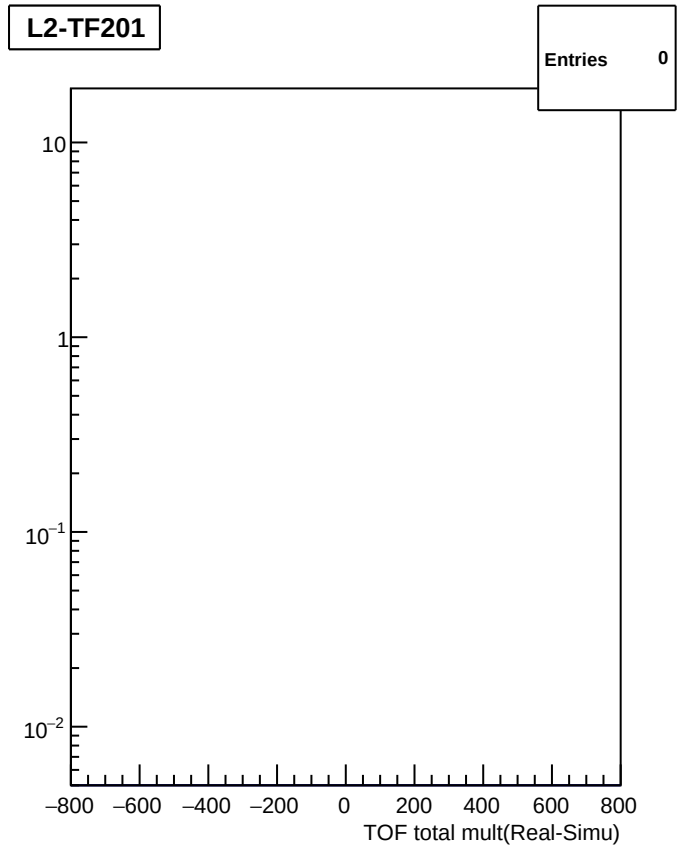

MIX-TF101
Entries 4293762
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

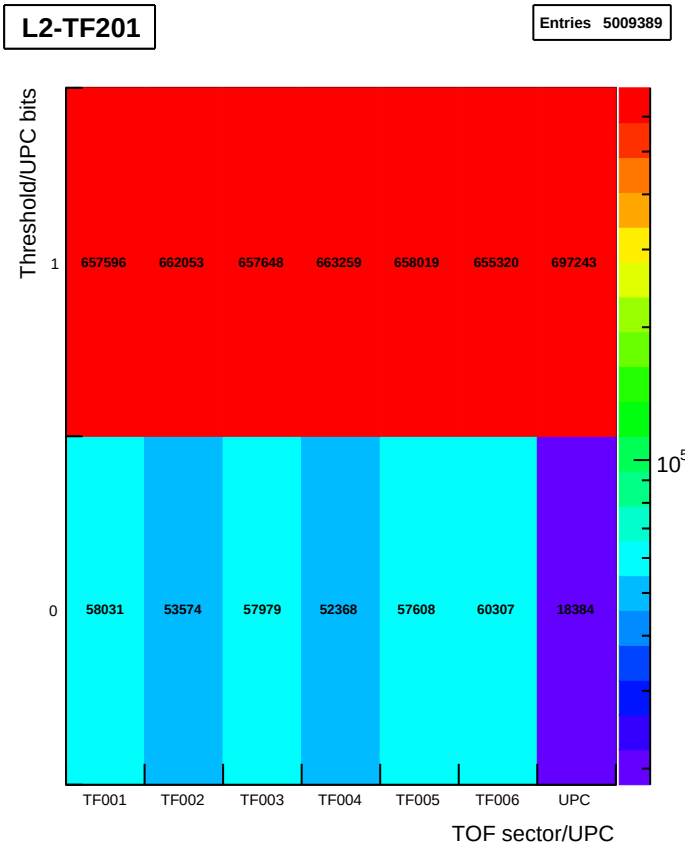

MIX-TF101
Entries 219187
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

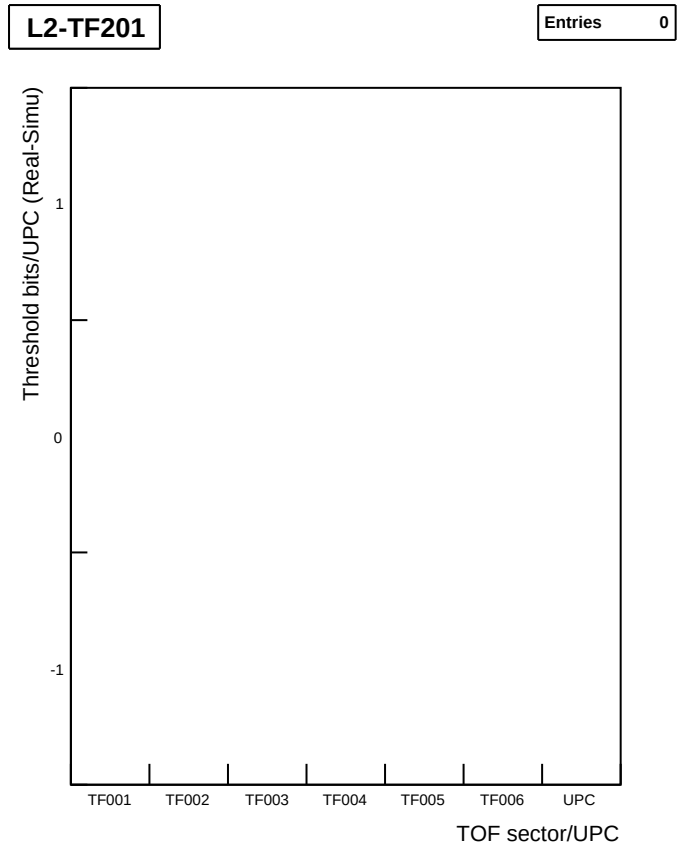

MIX-TF101
Entries 4293762
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

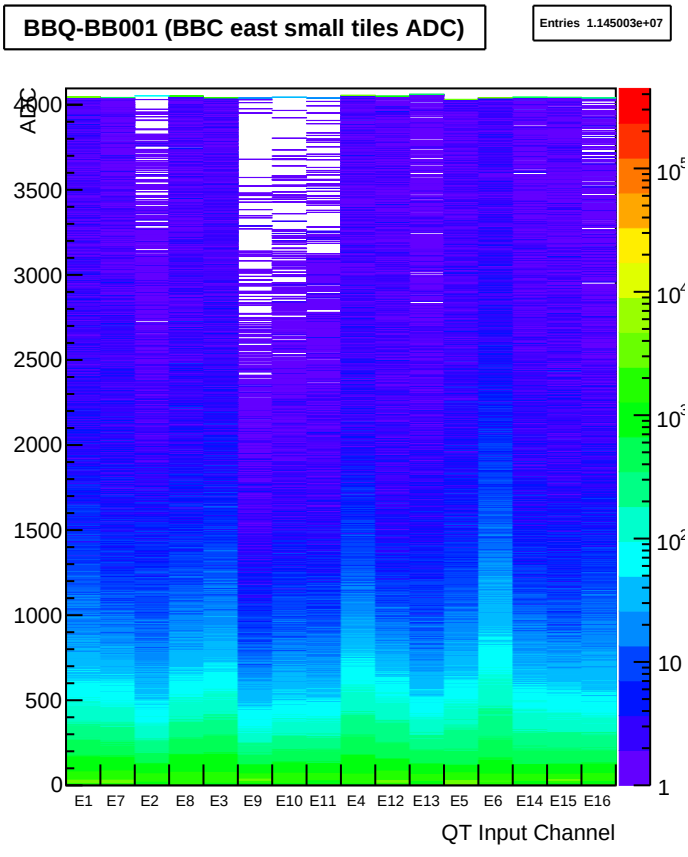

MIX-TF101
Entries 486054
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

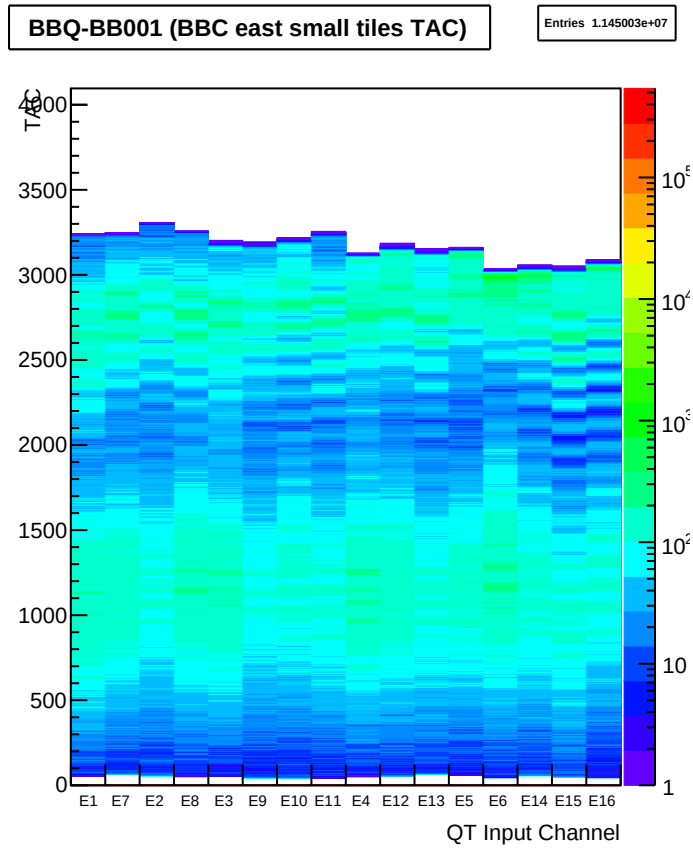

L2-TF201
Entries 715627
TOF total mult

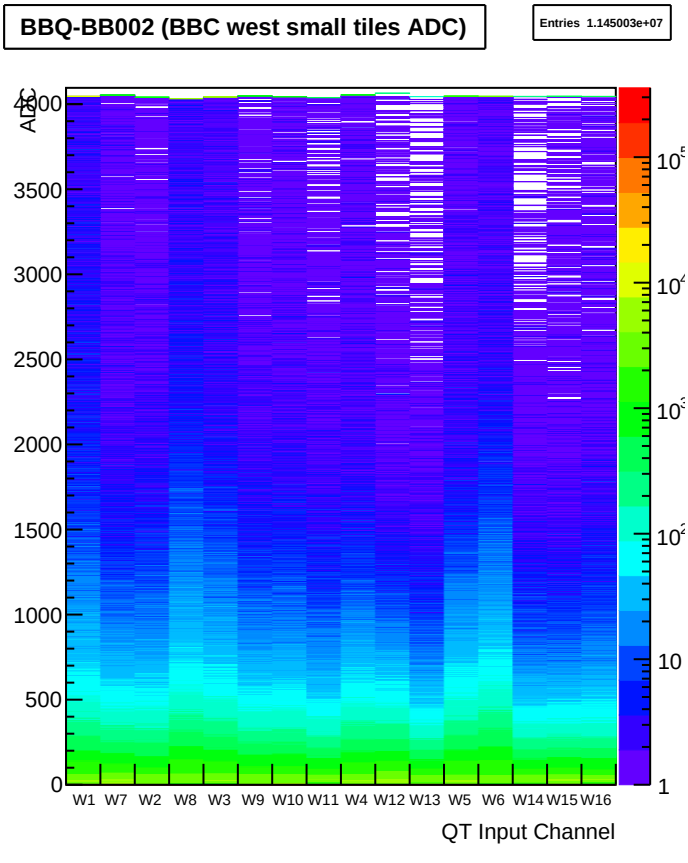

L2-TF201
Entries 0
TOF total mult(Real-Simu)

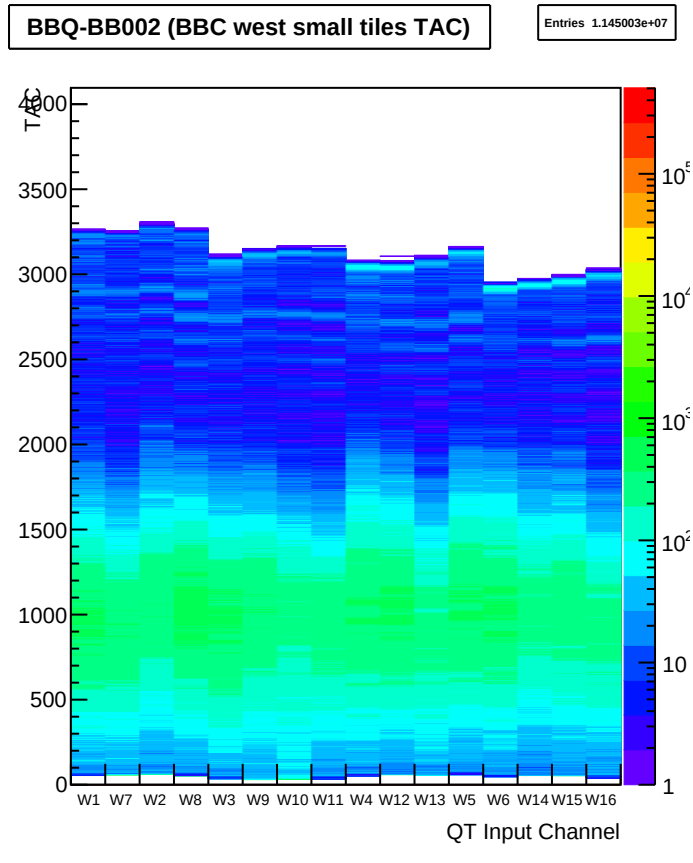

L2-TF201
Entries 5009389
Threshold/UPC bits
657596
662053
657648
663259
658019
655320
697243
58031
53574
57979
52368
57608
60307
18384
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

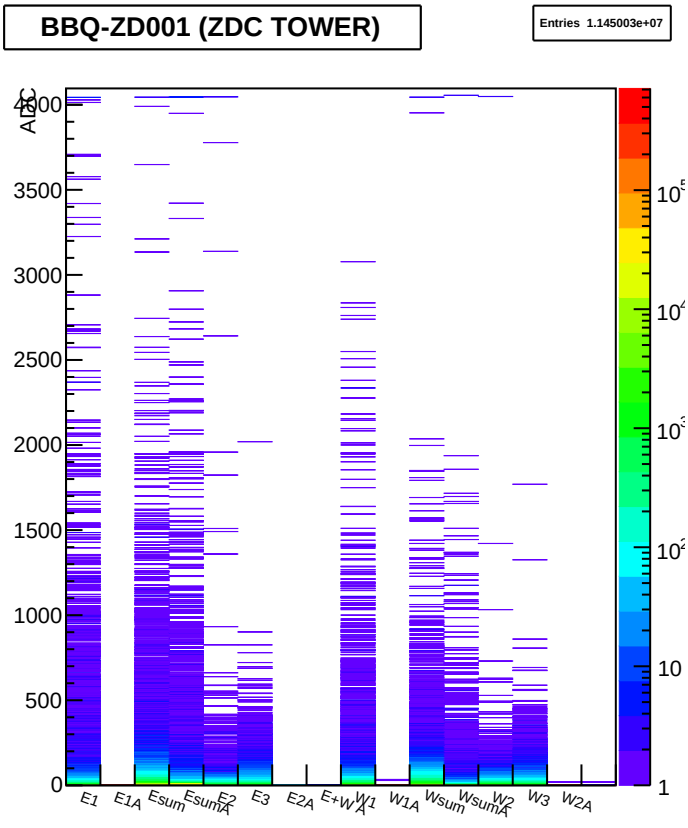

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

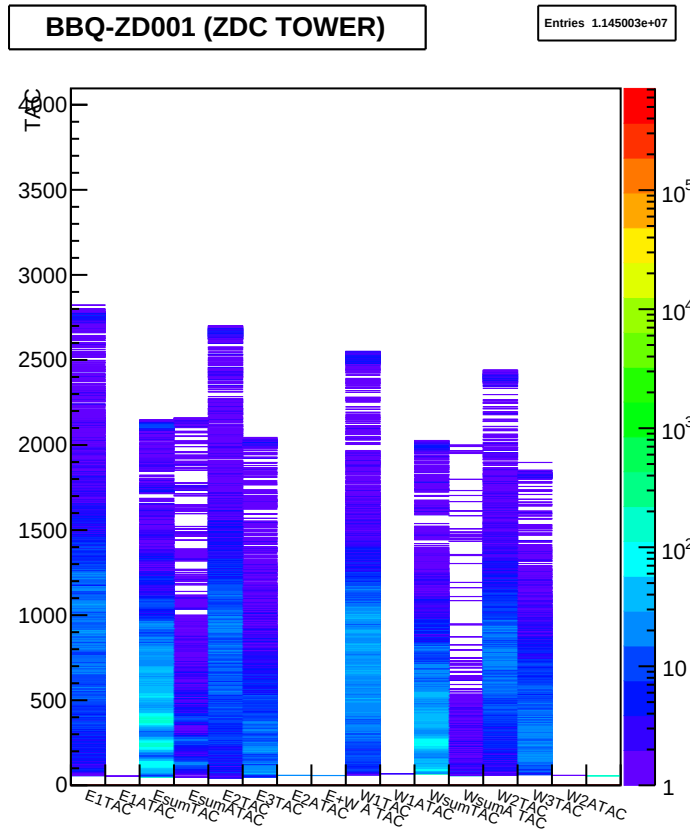

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.145003e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

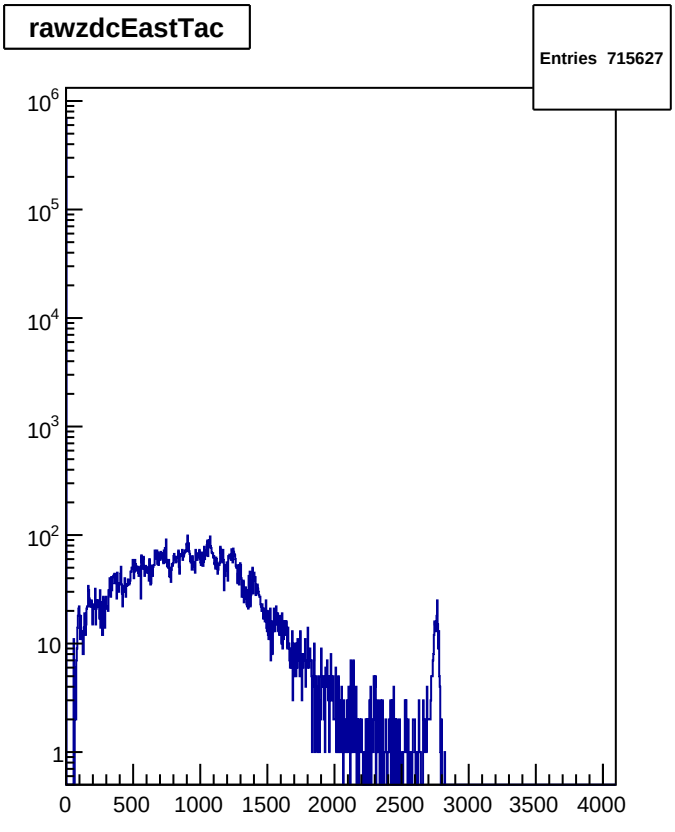

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.145003e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

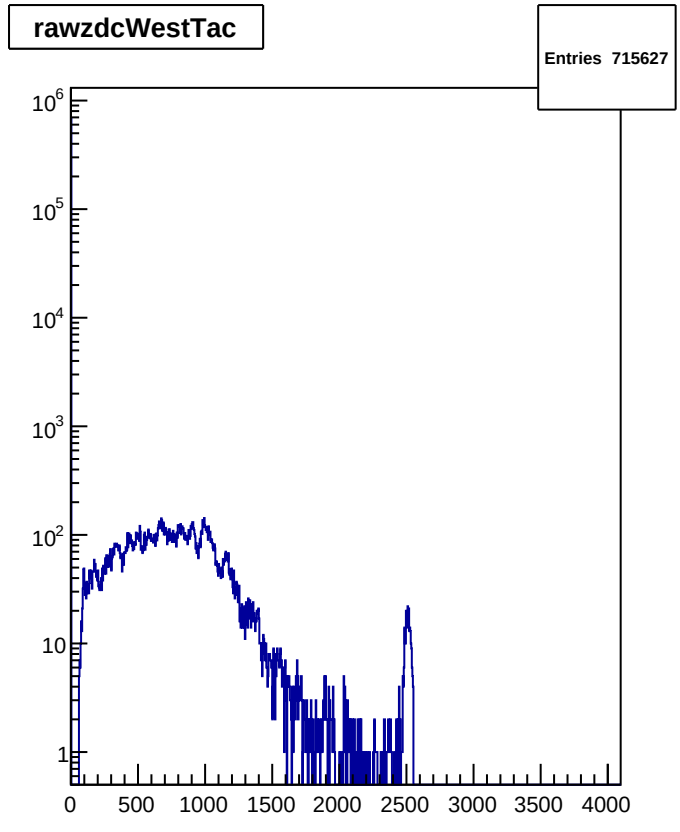

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.145003e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

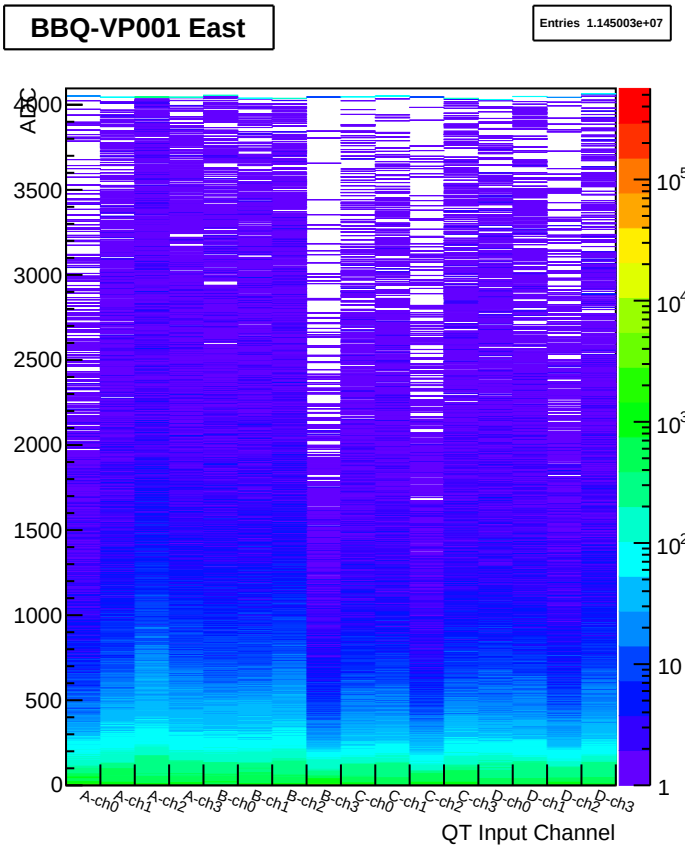

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.145003e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

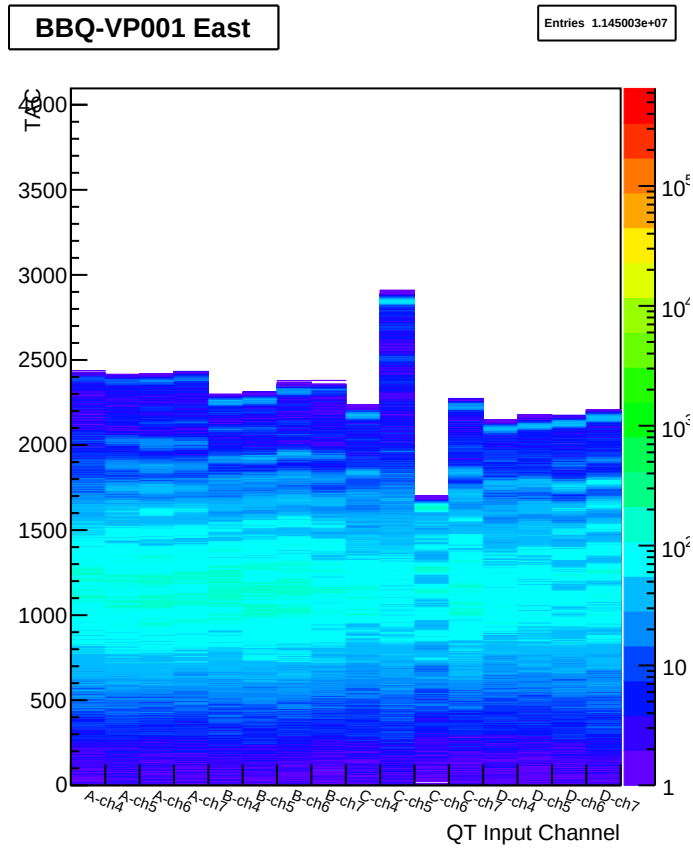

BBQ-ZD001 (ZDC TOWER)
Entries 1.145003e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

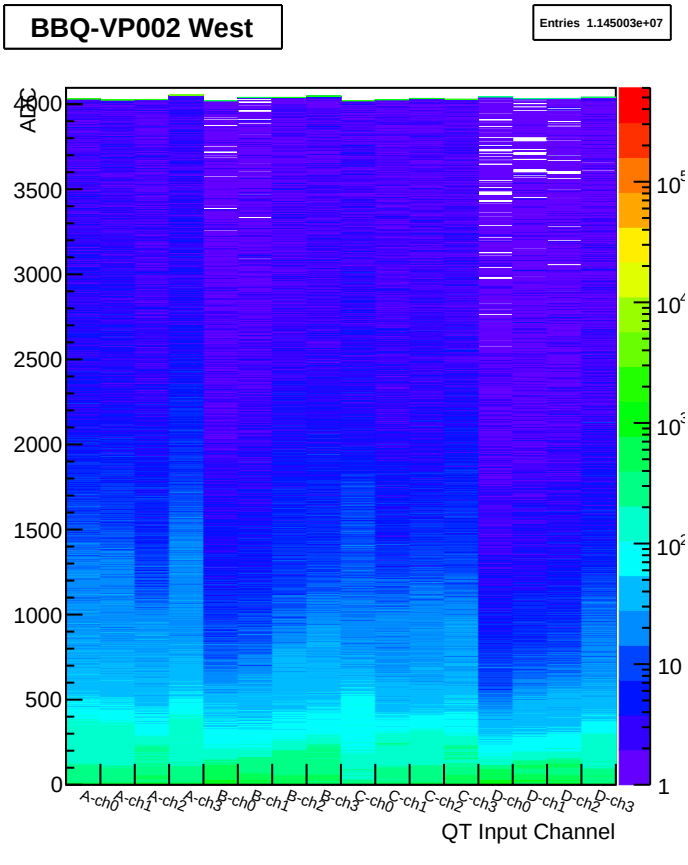

BBQ-ZD001 (ZDC TOWER)
Entries 1.145003e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

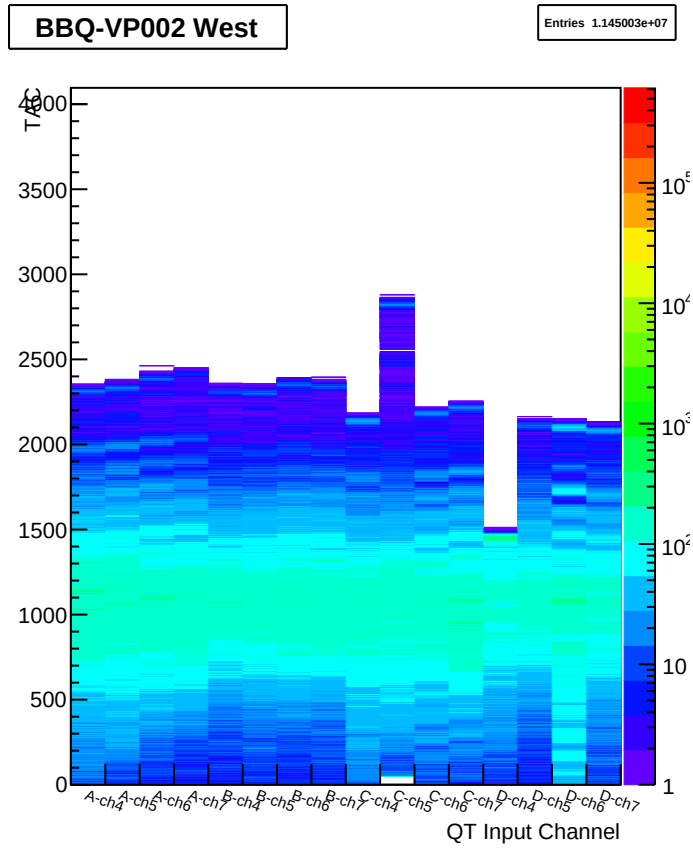

rawzdcEastTac
Entries 715627

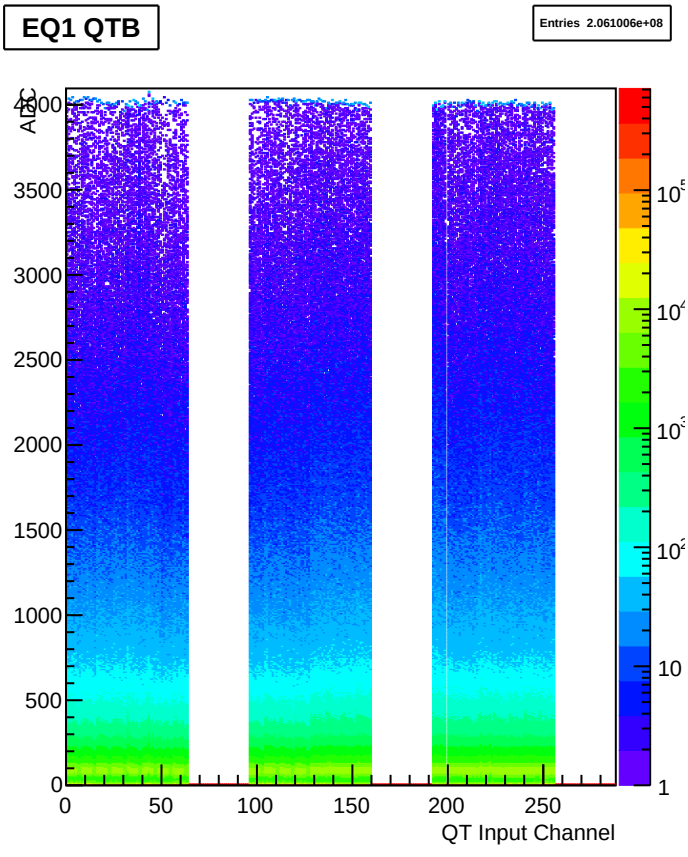

rawzdcWestTac
Entries 715627

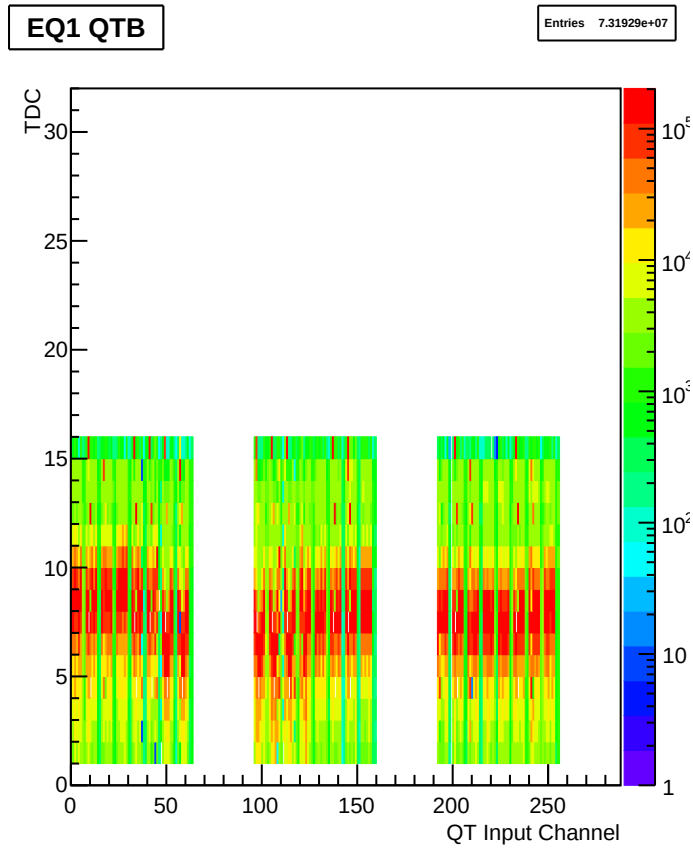

BBQ-VP001 East
Entries 1.145003e+07
ADC
QT Input Channel

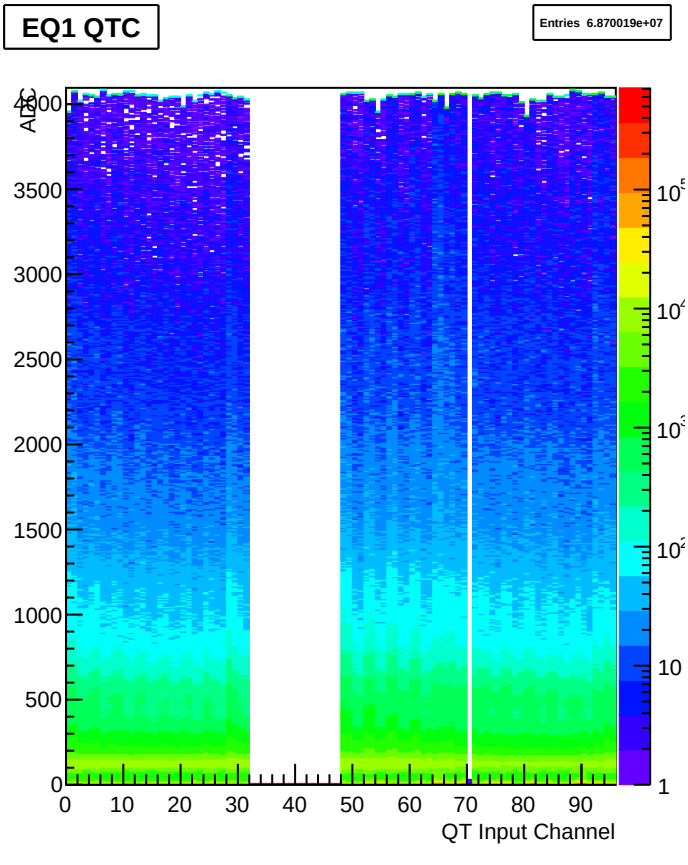

BBQ-VP001 East
Entries 1.145003e+07
TADC
QT Input Channel

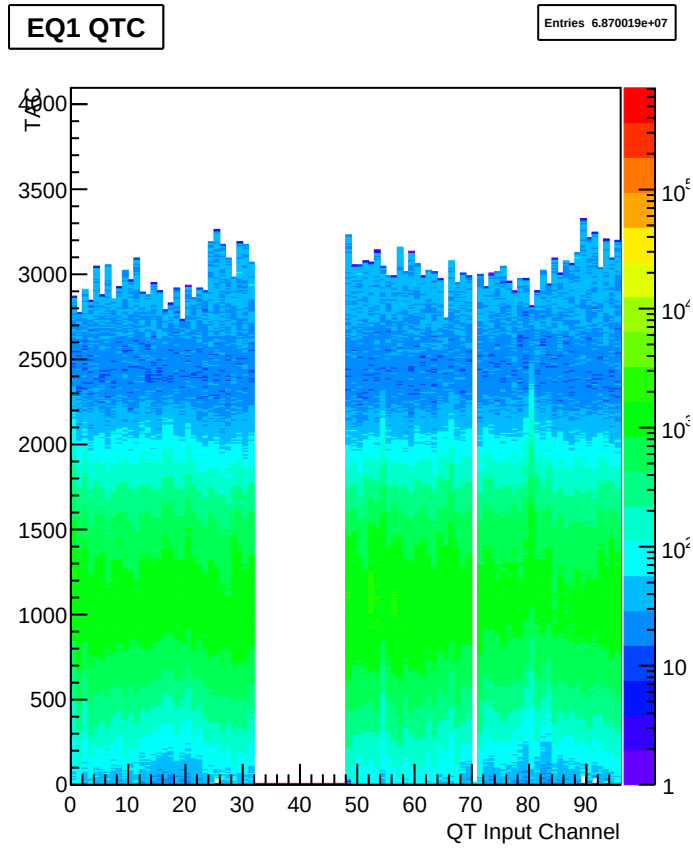

BBQ-VP002 West
Entries 1.145003e+07
ADC
QT Input Channel

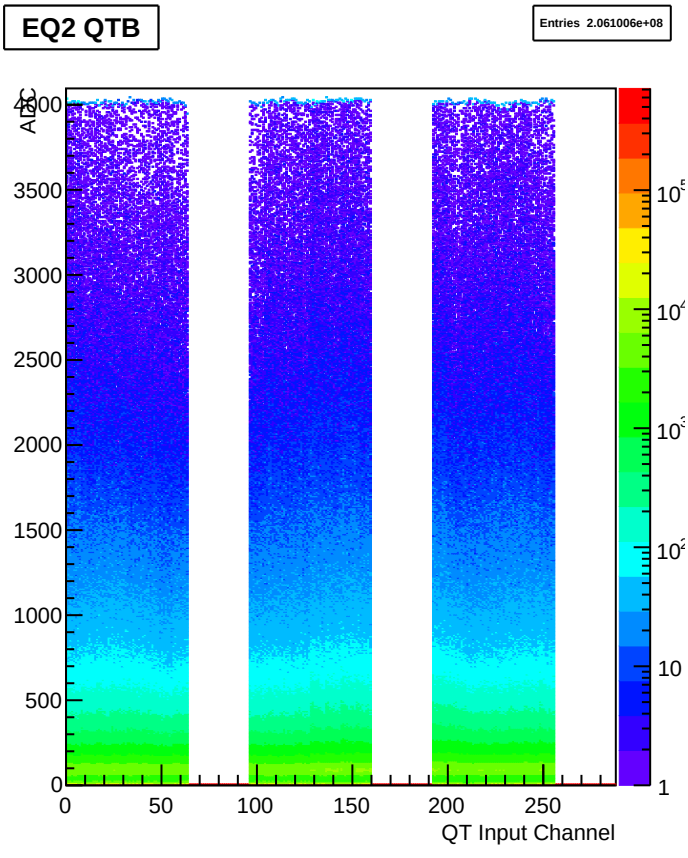

BBQ-VP002 West
Entries 1.145003e+07
TADC
QT Input Channel

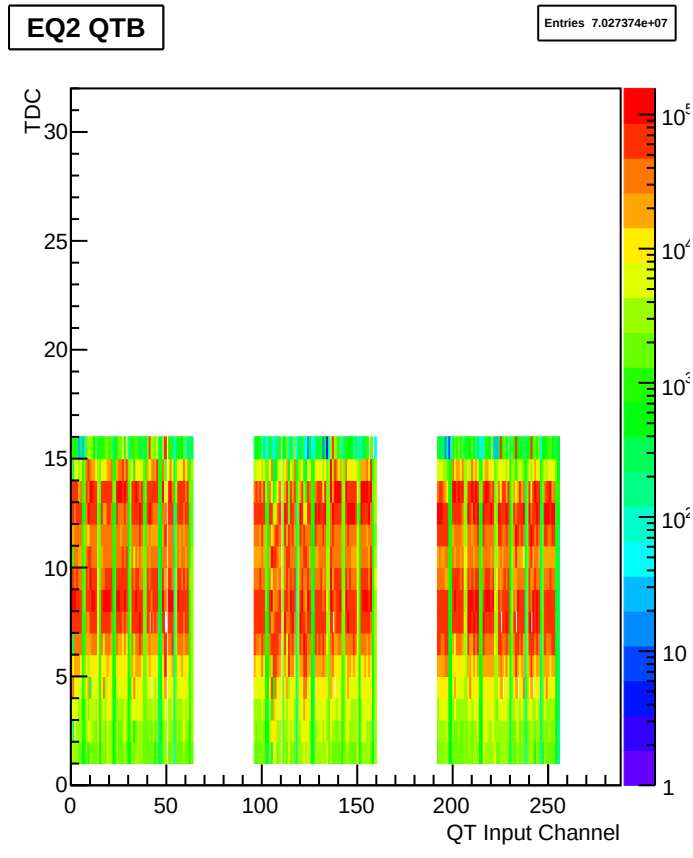

EQ1 QTB
Entries 2.061006e+08
ADC
QT Input Channel

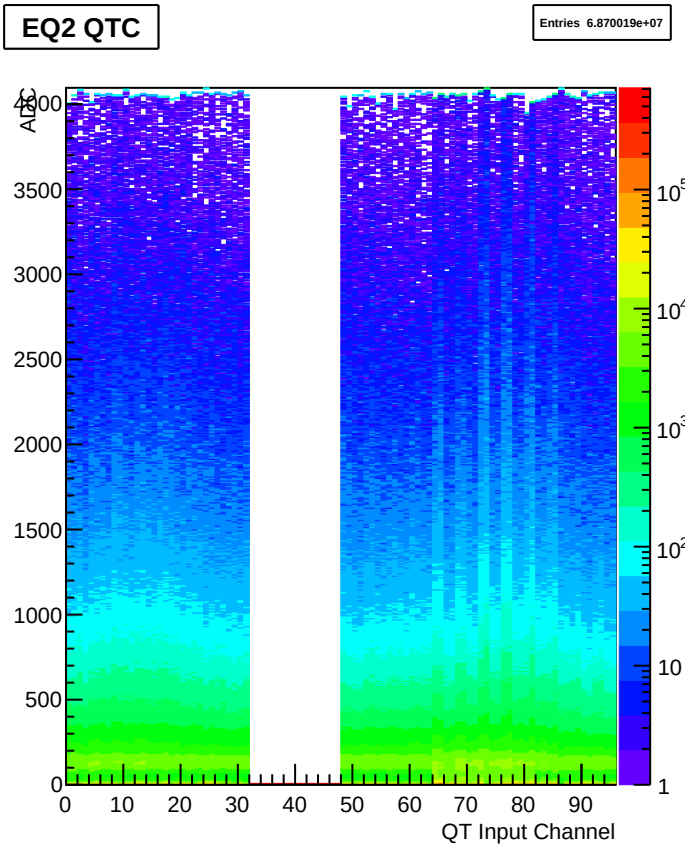

EQ1 QTB
Entries 7.31929e+07
TDC
QT Input Channel

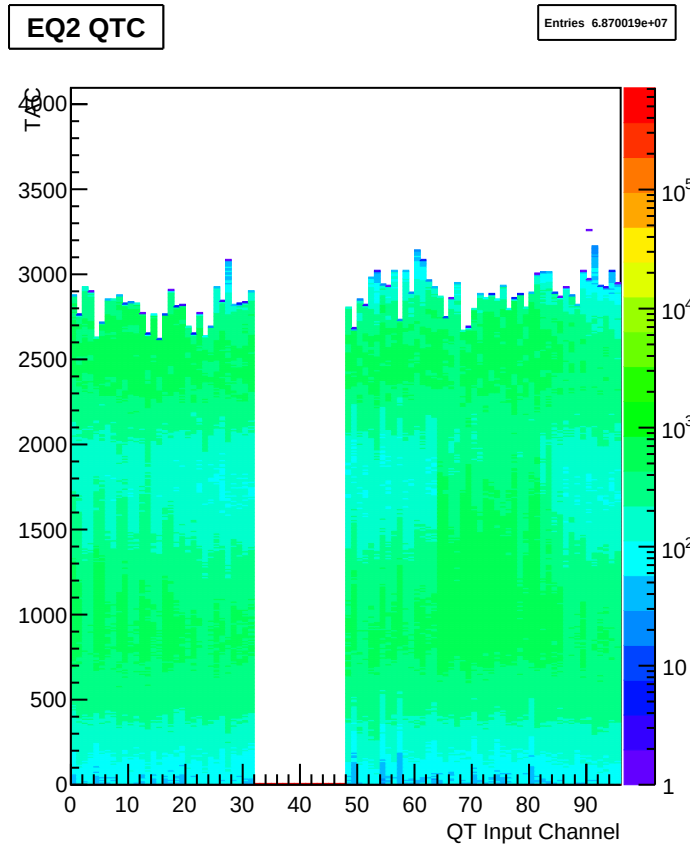

EQ1 QTC
Entries 6.870019e+07
ADC
QT Input Channel

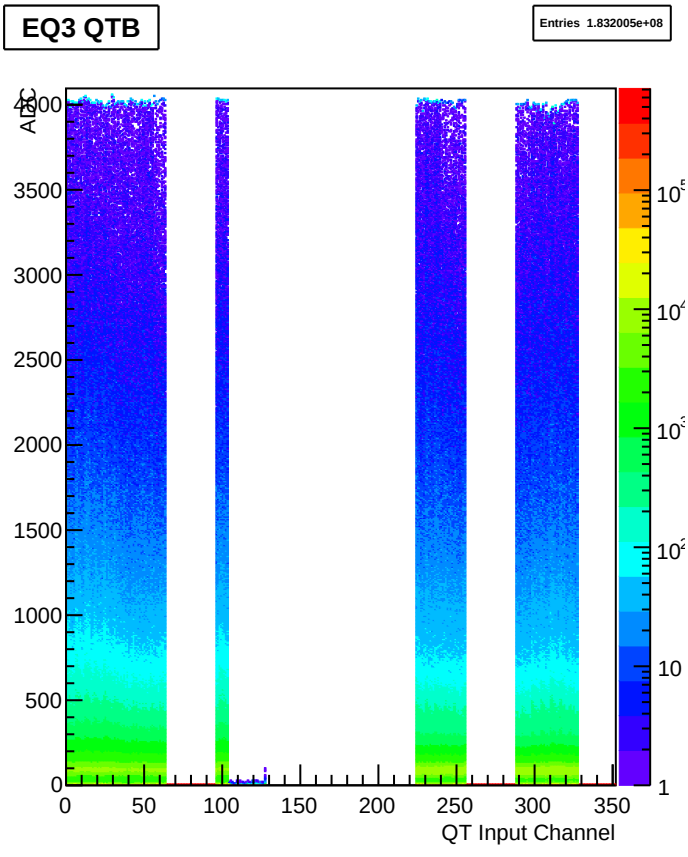

EQ1 QTC
Entries 6.870019e+07
TADC
QT Input Channel

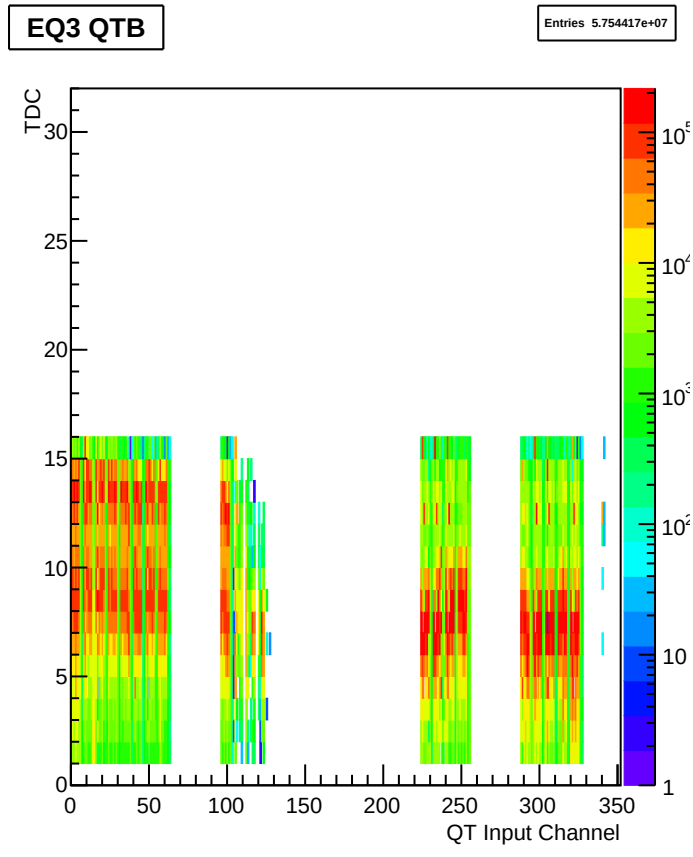

EQ2 QTB
Entries 2.061006e+08
ADC
QT Input Channel

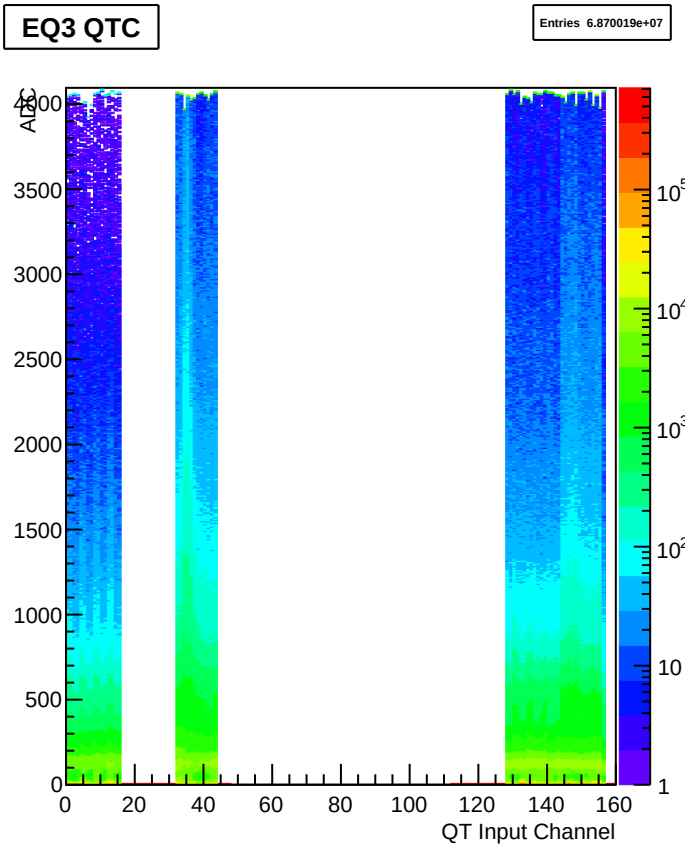

EQ2 QTB
Entries 7.027374e+07
TDC
QT Input Channel

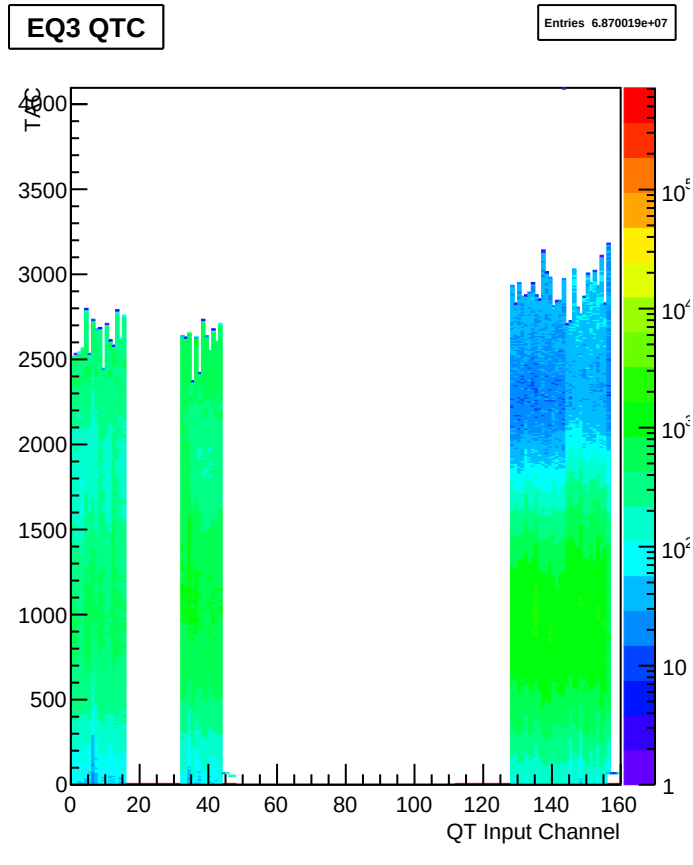

EQ2 QTC
Entries 6.870019e+07
ADC
QT Input Channel

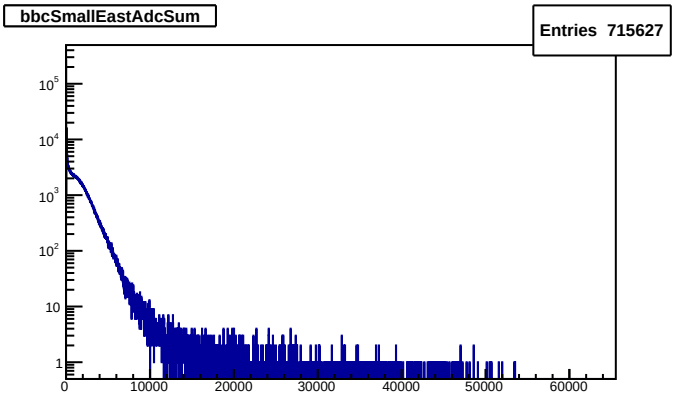

EQ2 QTC
Entries 6.870019e+07
TADC
QT Input Channel

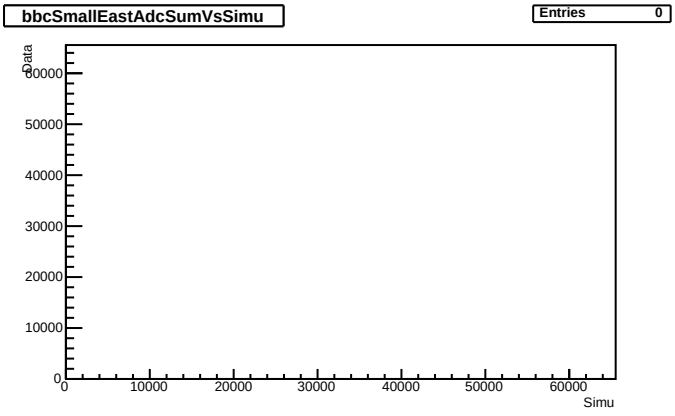

EQ3 QTB
Entries 1.832005e+08
ADC
QT Input Channel

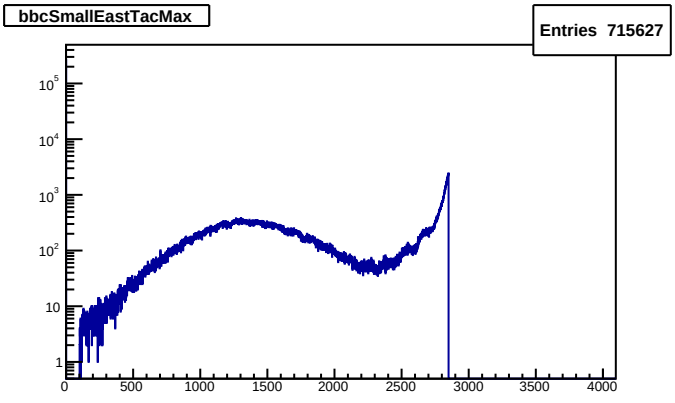

EQ3 QTB
Entries 5.754417e+07
TDC
QT Input Channel

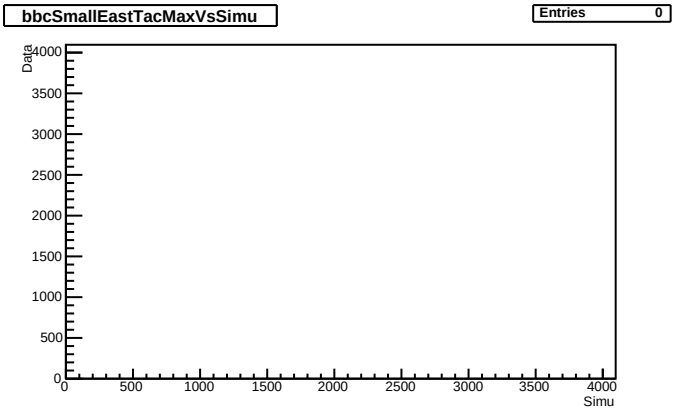

EQ3 QTC
Entries 6.870019e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.870019e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 715627


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 715627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Entries 0
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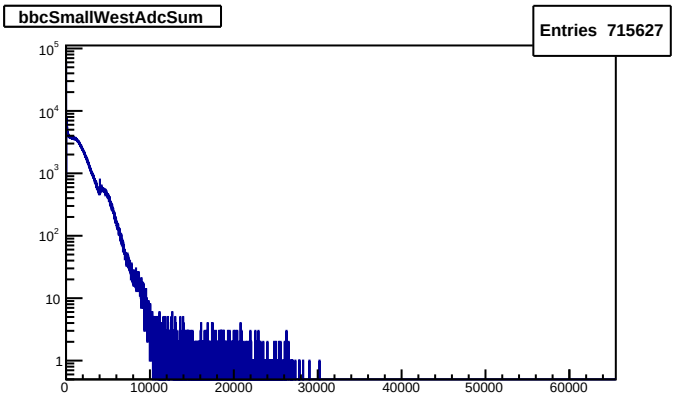
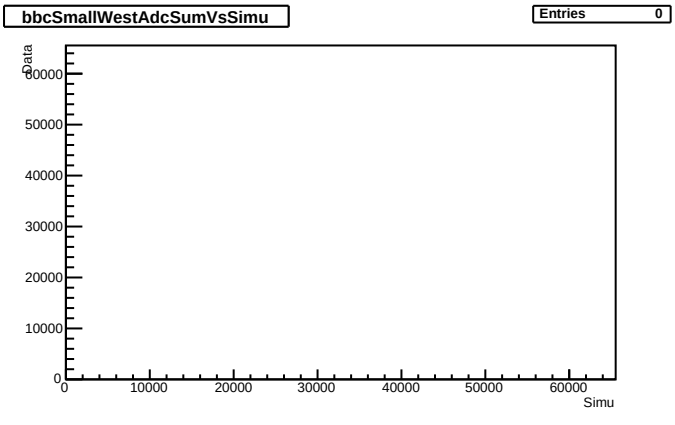

bbcSmallWestAdcSum
Entries 715627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Entries 0
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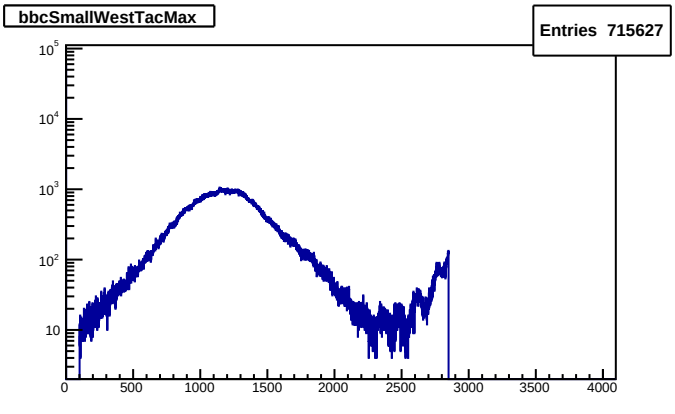
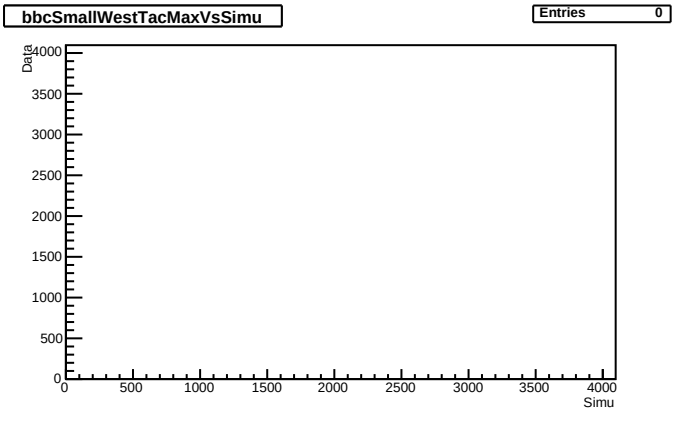
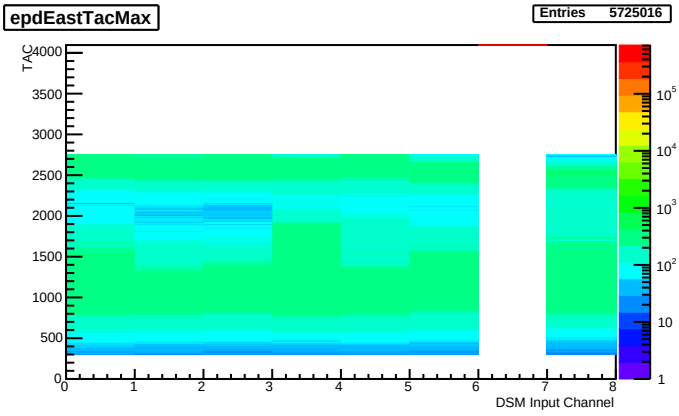
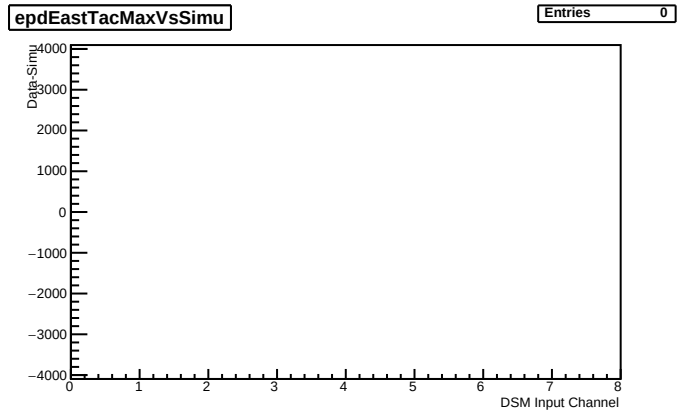
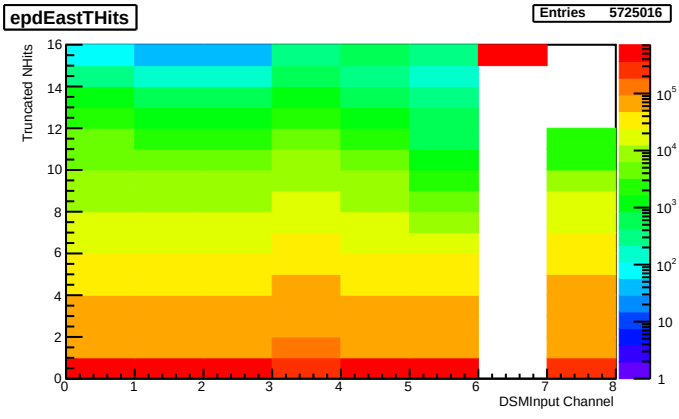
Simu

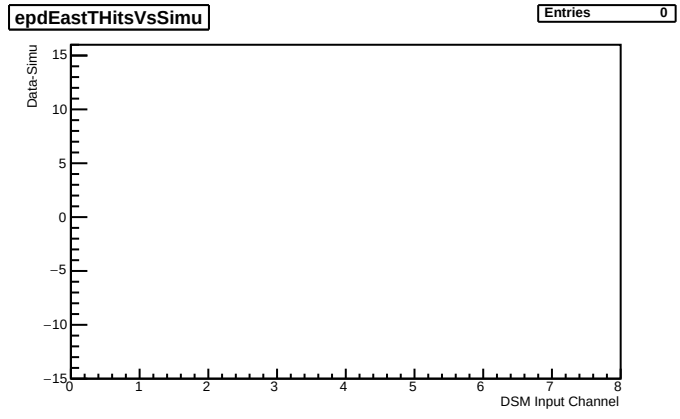

bbcSmallWestTacMax
Entries 715627


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5725016
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5725016
Truncated NHits
DSMInput Channel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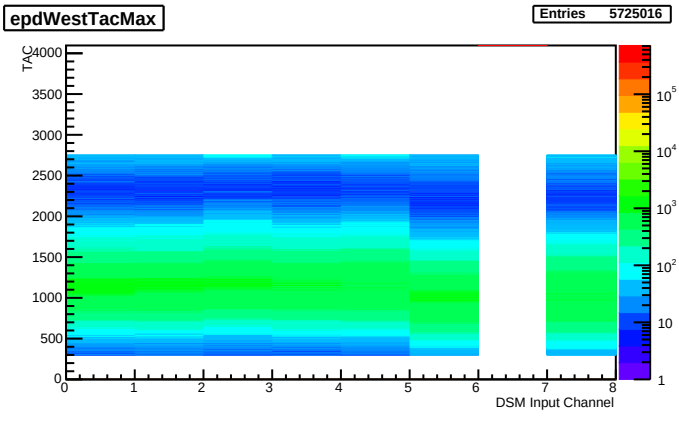
Data-Simu
DSM Input Channel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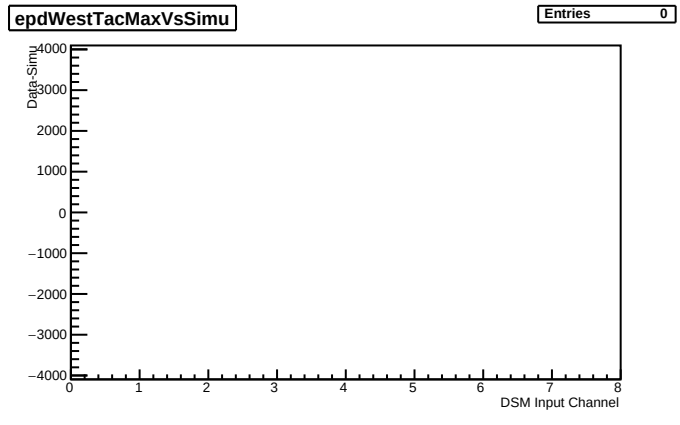
Entries 5725016
TAC
DSM Input Channel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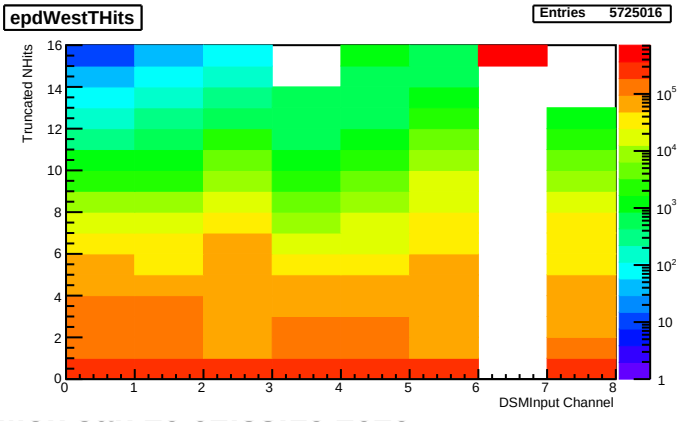
Entries 0
Data-Simu
DSM Input Channel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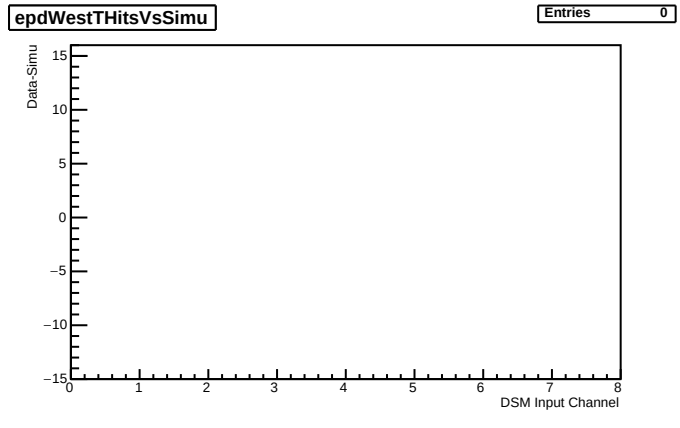
Entries 5725016
Truncated NHits
DSMInput Channel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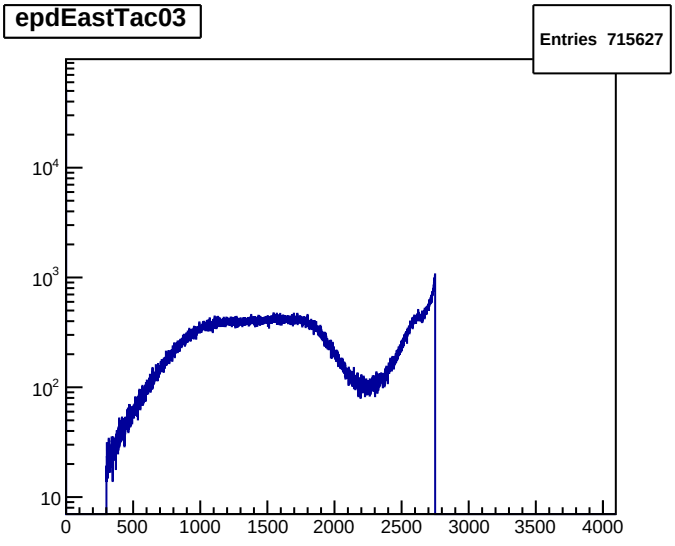
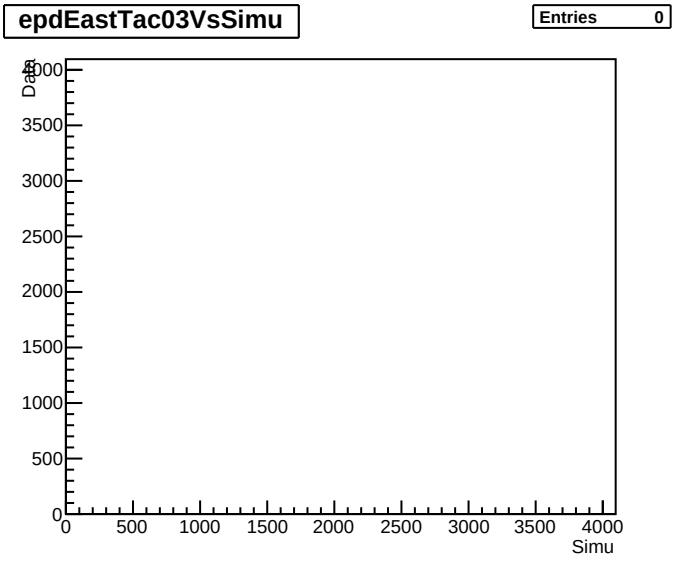
Data-Simu
DSM Input Channel


epdEastTac03
Entries 715627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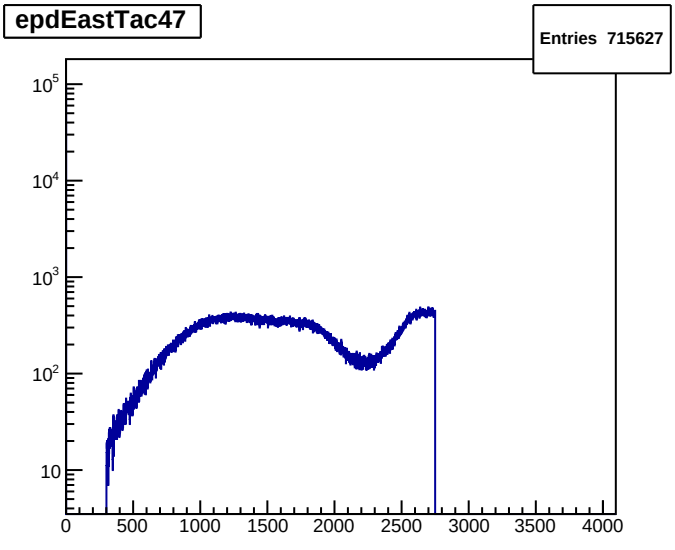
Entries 0
Data
Simu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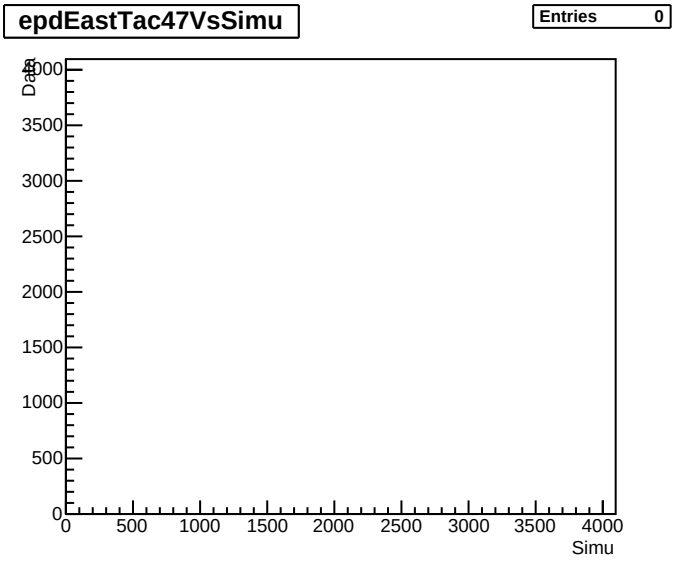
Entries 715627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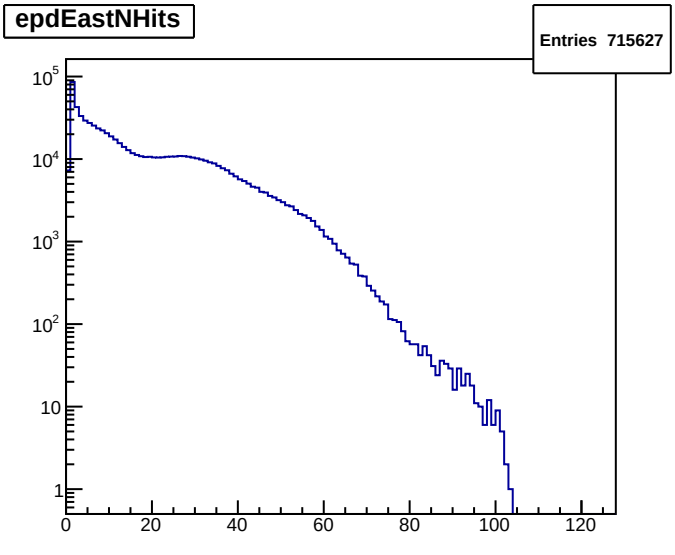
Entries 0
Data
Simu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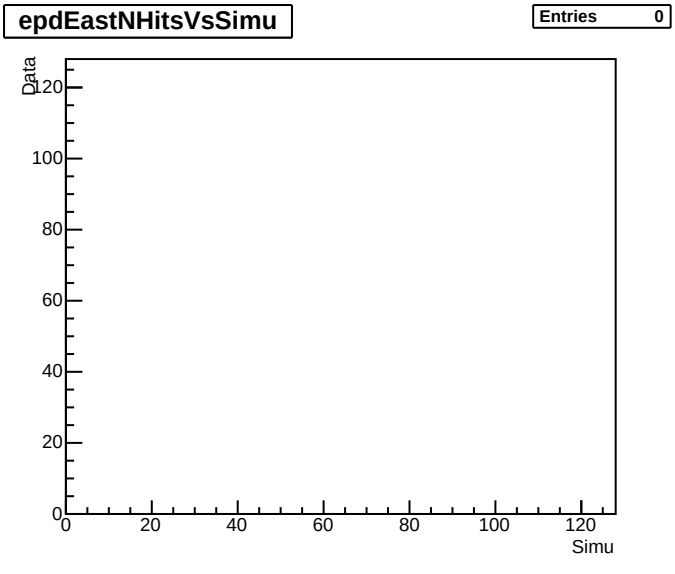
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Data
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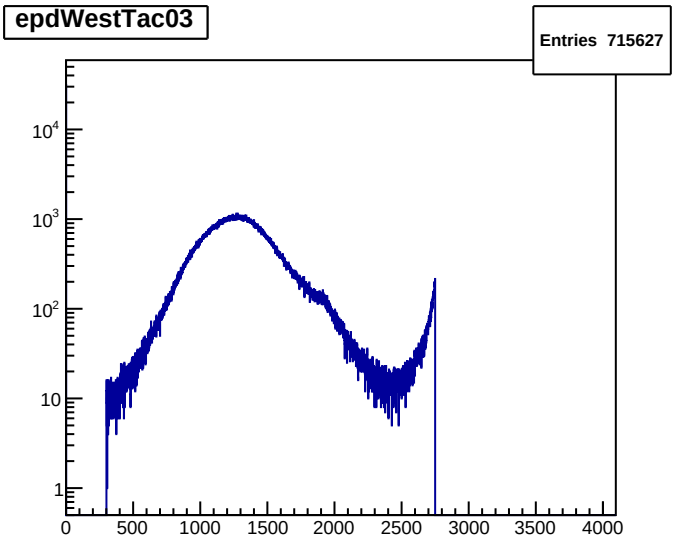
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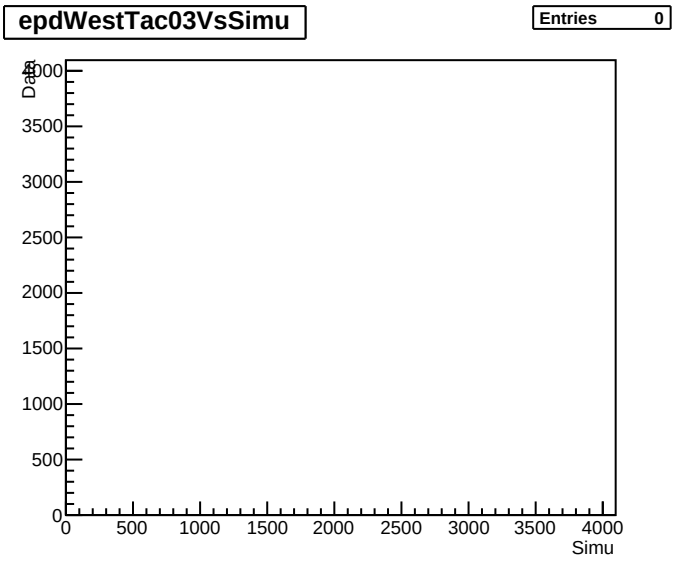
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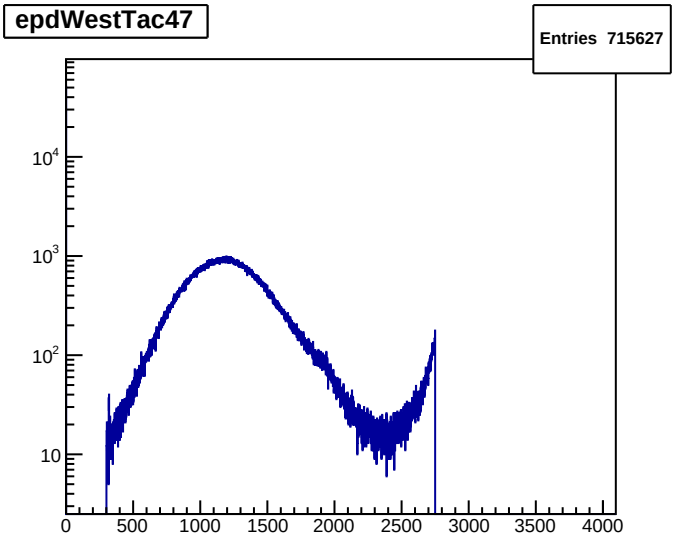
Simu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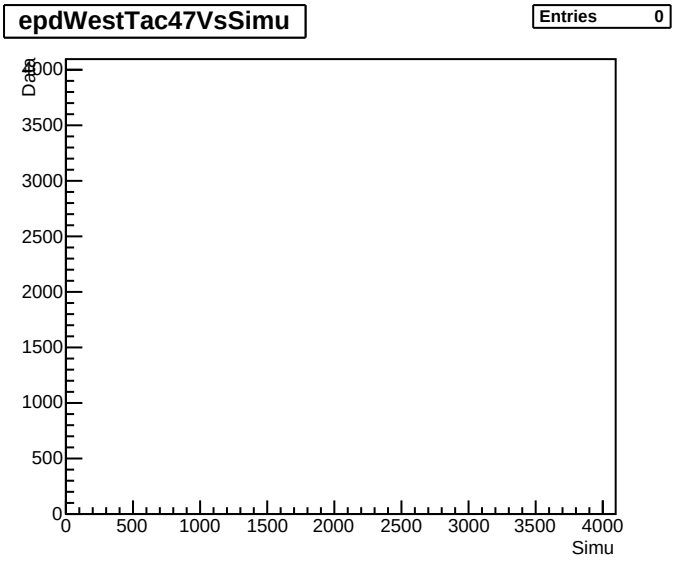
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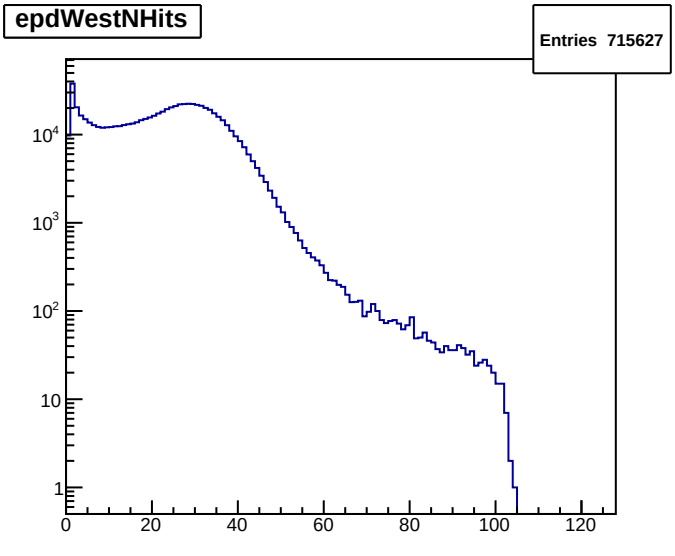
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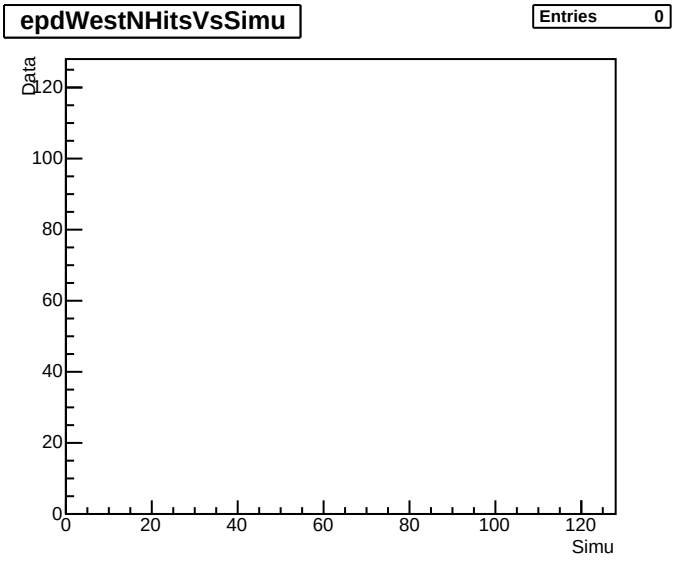
Entries 715627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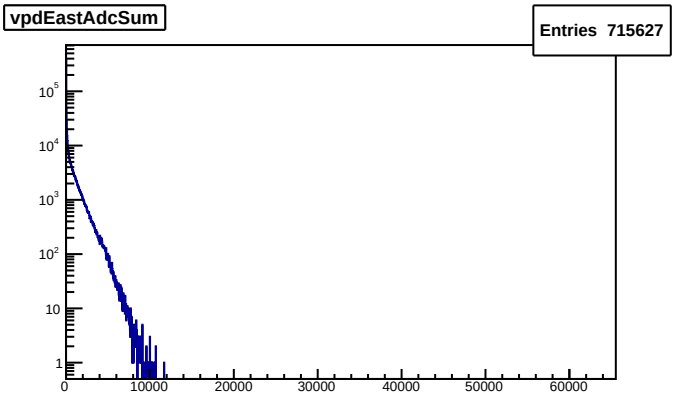
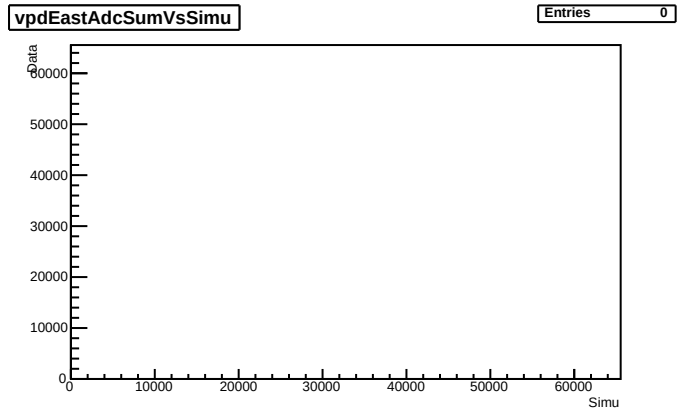
Entries 0
Data
Simu


vpdEastAdcSum
Entries 715627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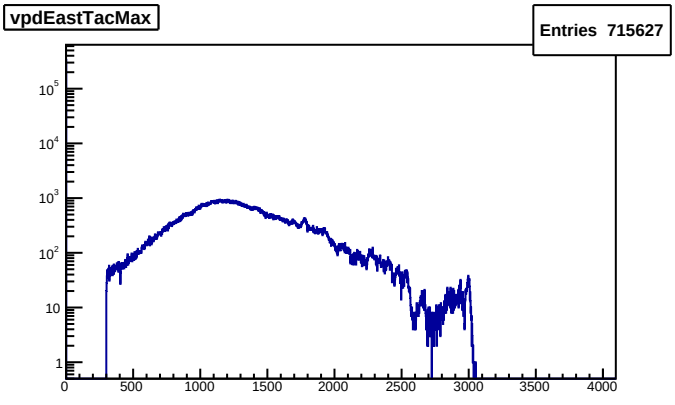
Entries 0
Data
Simu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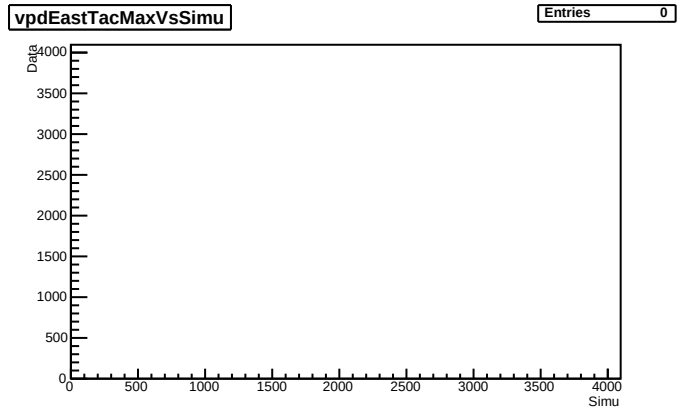
Entries 715627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Entries 0
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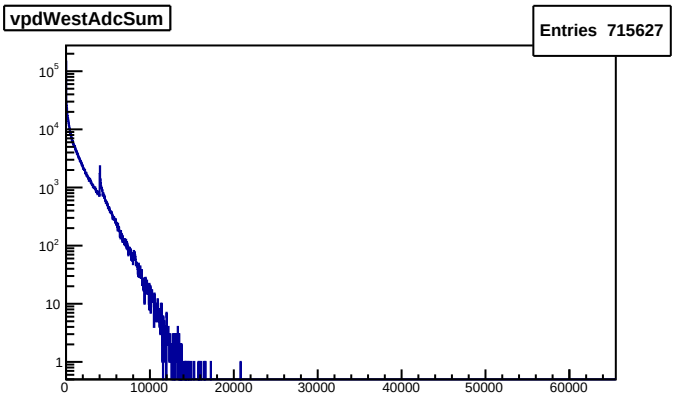
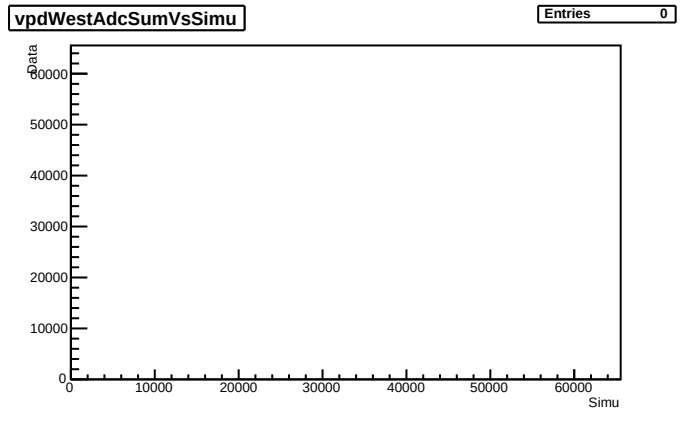
Simu


vpdWestAdcSum
Entries 715627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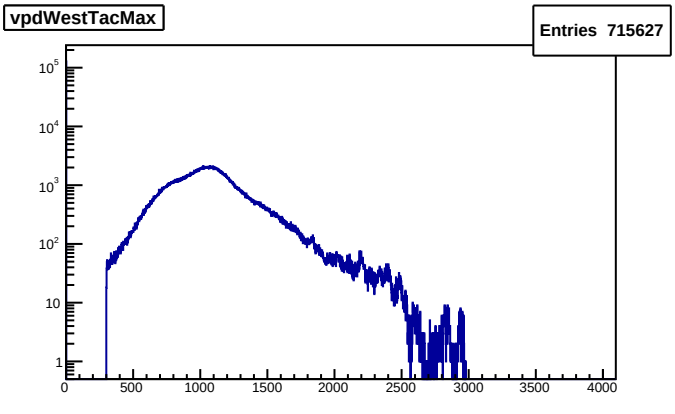
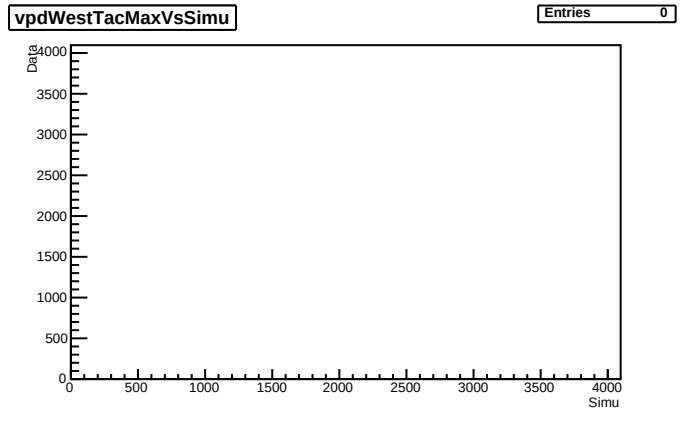
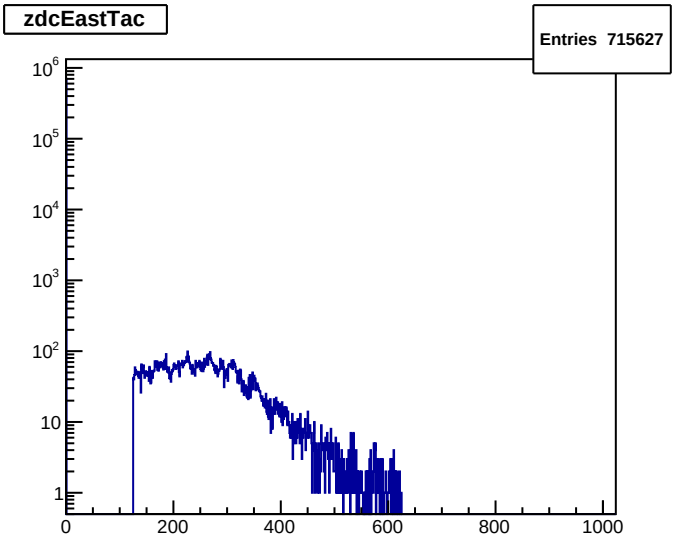
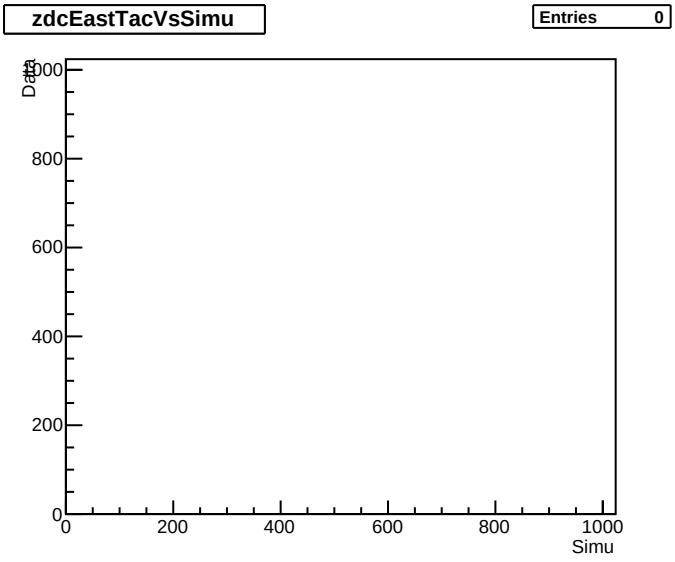
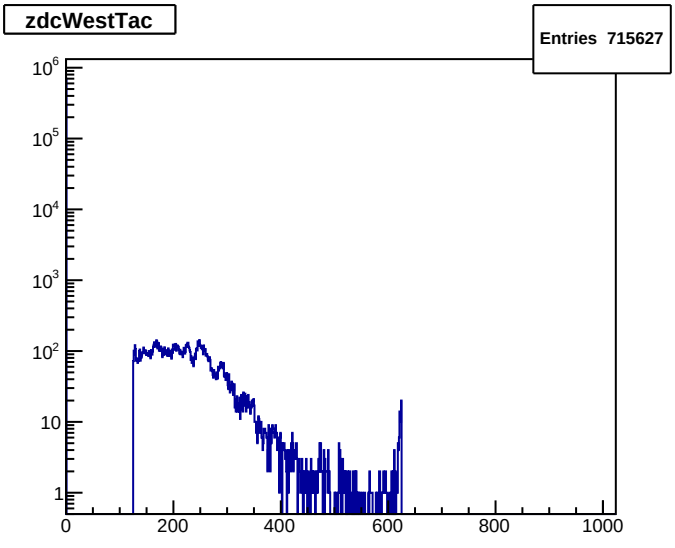
Entries 0
Data
Simu

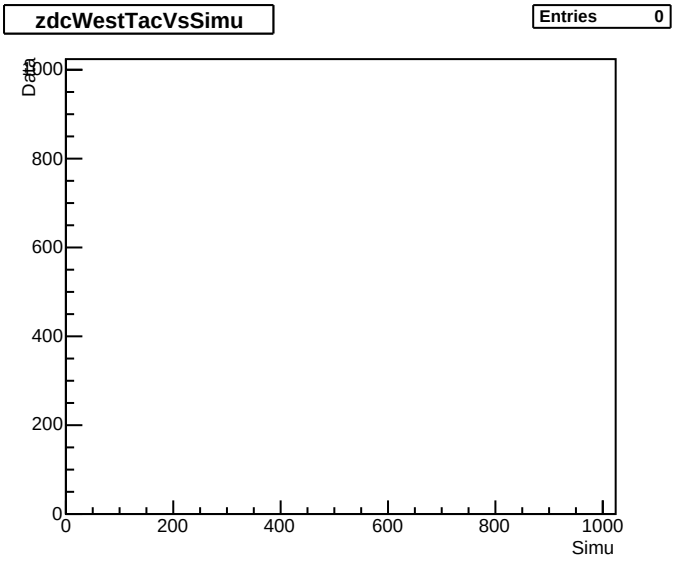

vpdWestTacMax
Entries 715627

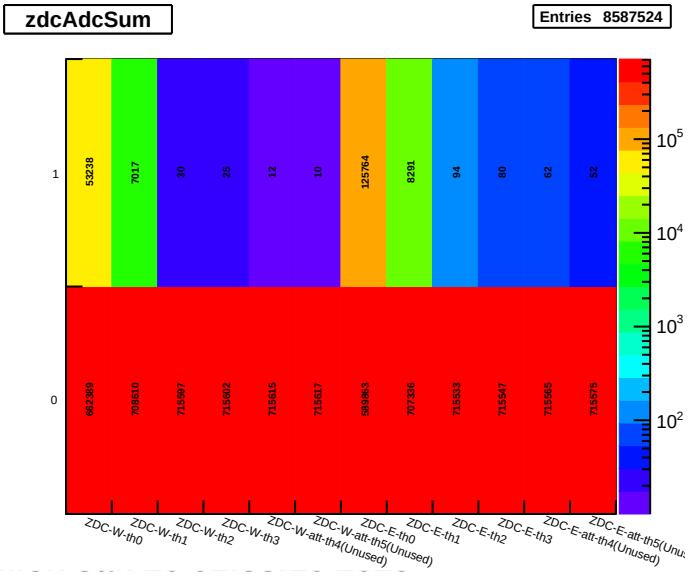

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 715627


zdcEastTacVsSimu
Entries 0
Data
Simu


zdcWestTac
Entries 715627


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 8587524
53238
7017
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25
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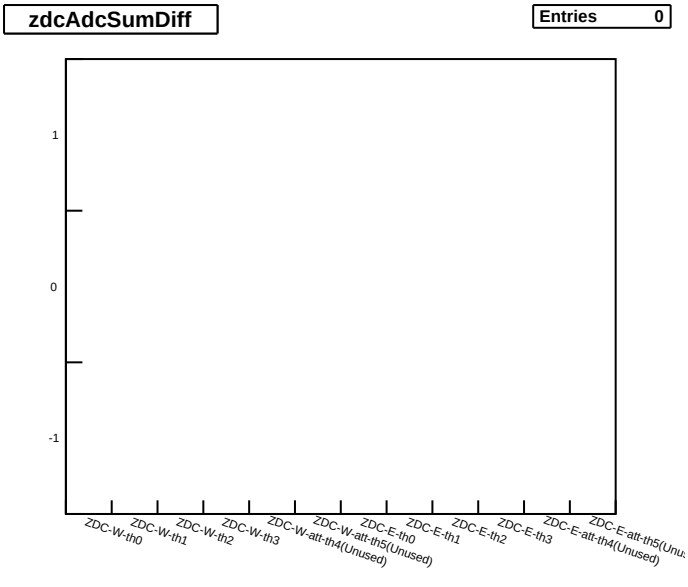
125764
8291
94
80
62
52
662389
708610
715597
715602
715615
715617
589663
707336
715533
715547
715565
715575
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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
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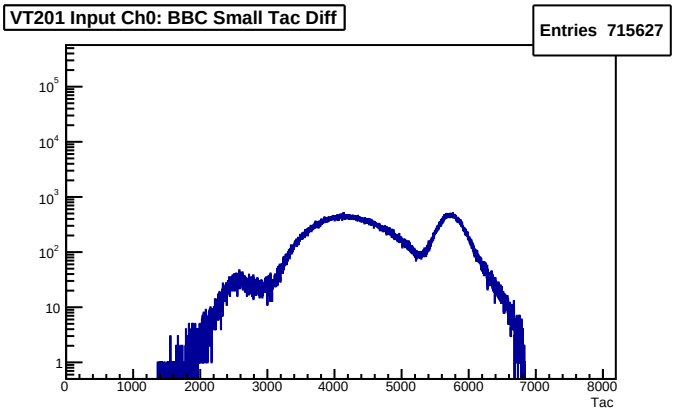
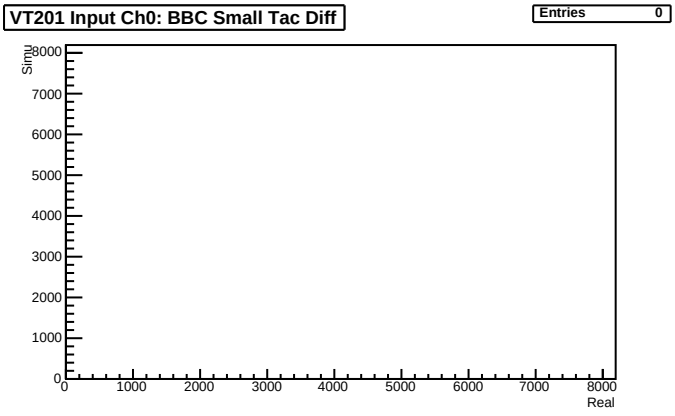
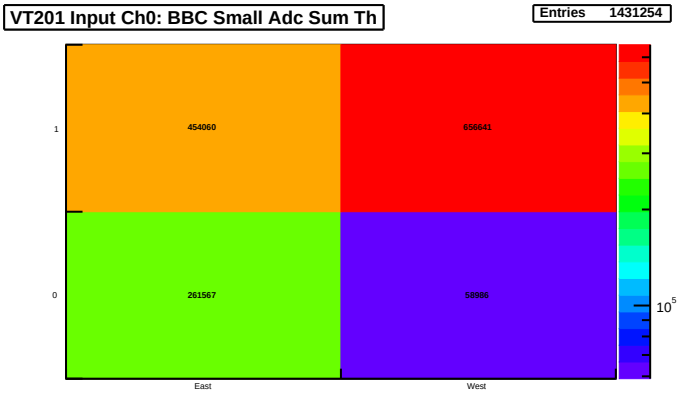
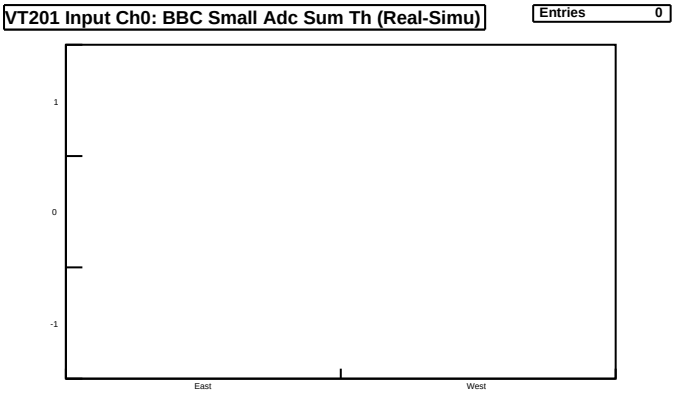
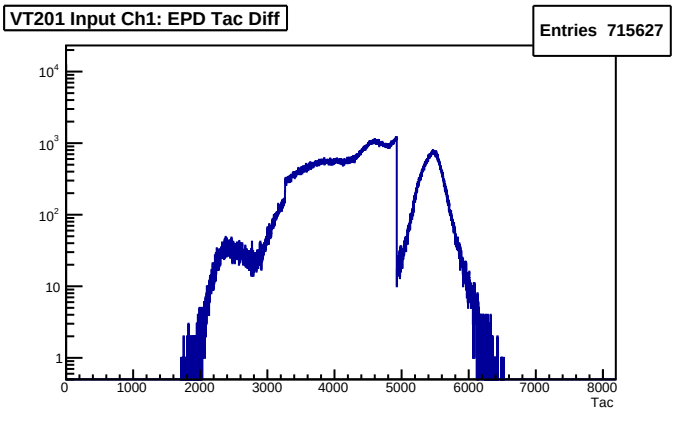
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

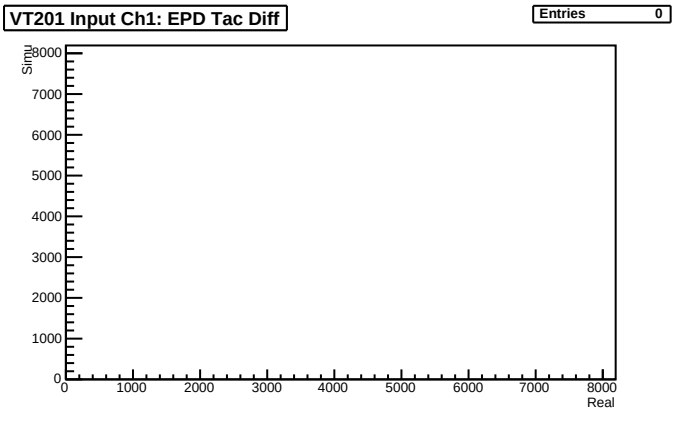

VT201 Input Ch0: BBC Small Tac Diff
Entries 715627
Tac

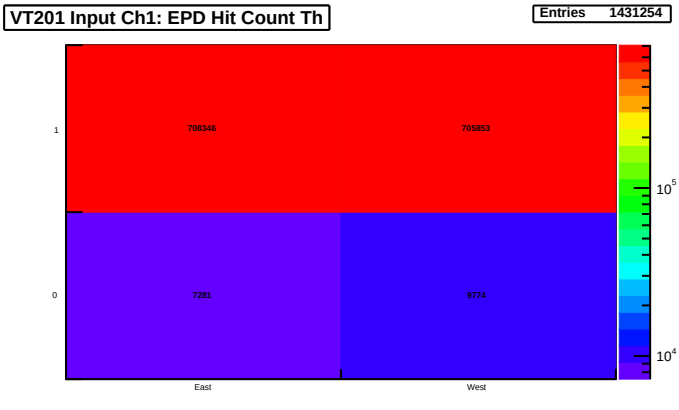

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

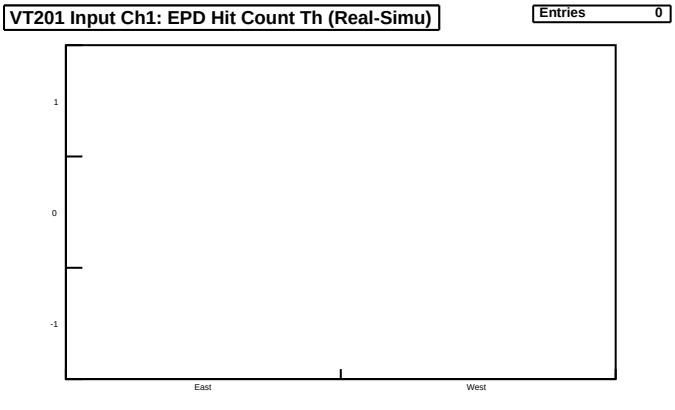

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1431254
454060
656641
261567
58986
East
West

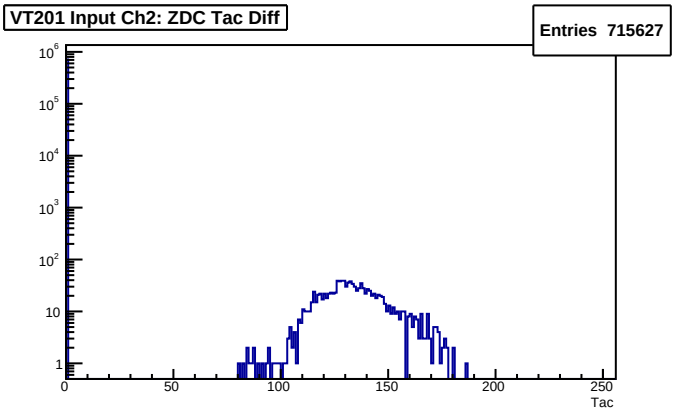

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

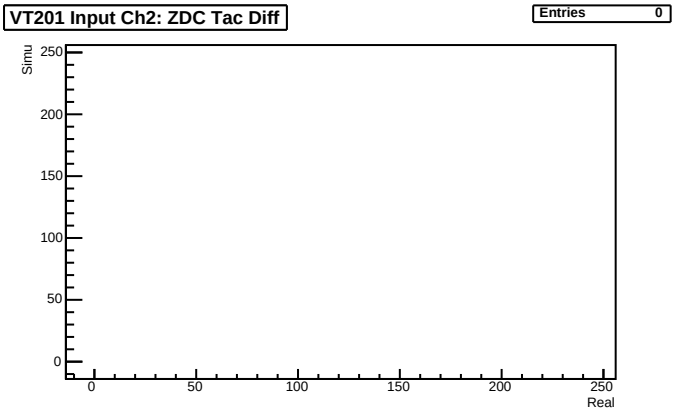

VT201 Input Ch1: EPD Tac Diff
Entries 715627
Tac

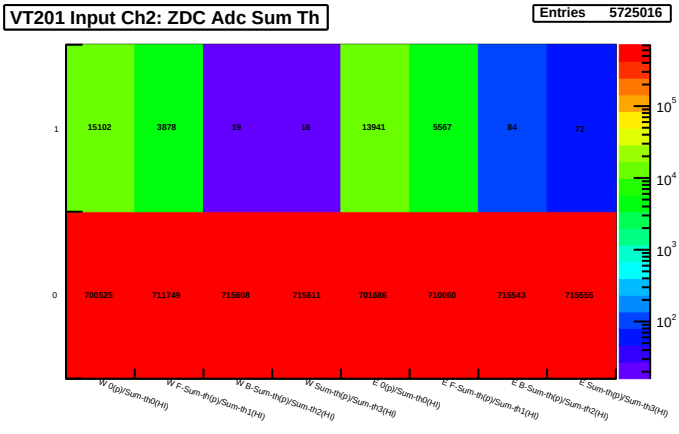

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

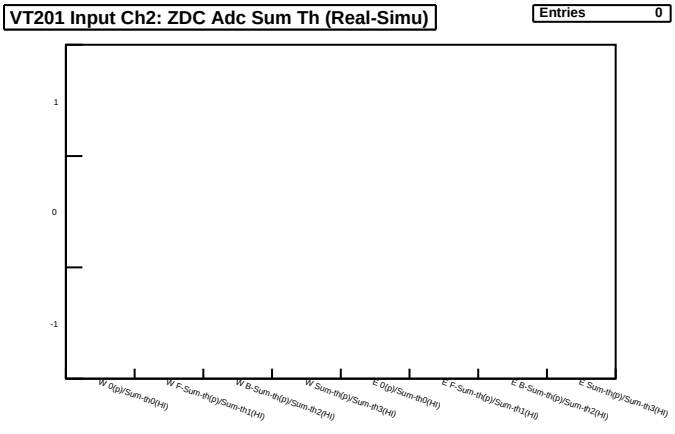

VT201 Input Ch1: EPD Hit Count Th
Entries 1431254
708346
705853
7281
9774
East
West

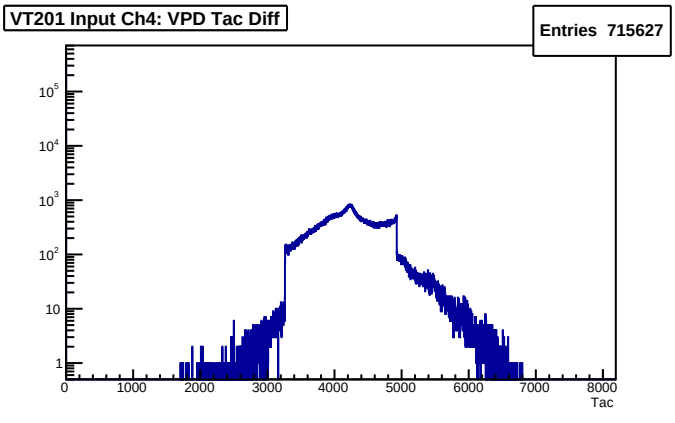

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

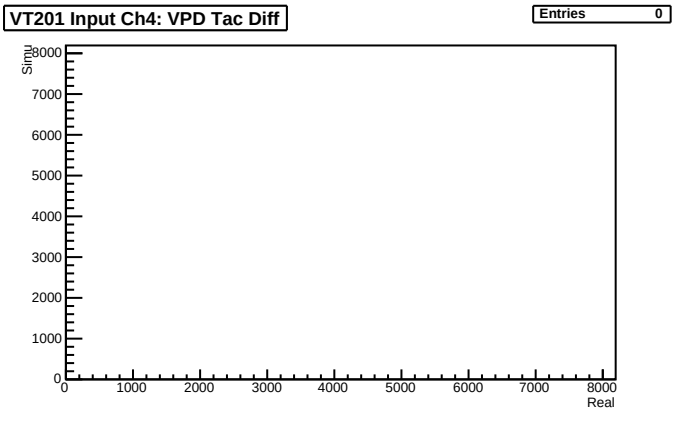

VT201 Input Ch2: ZDC Tac Diff
Entries 715627
Tac

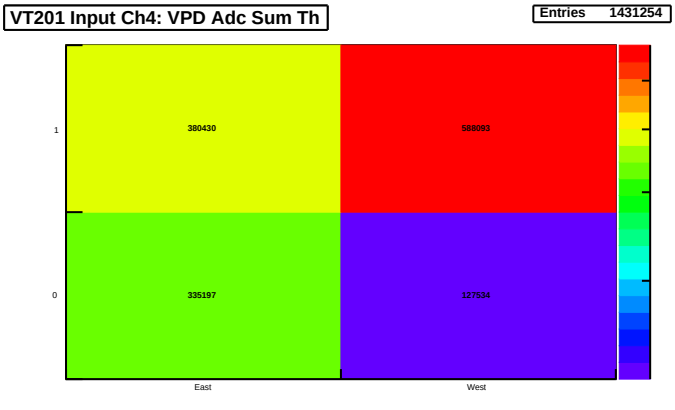

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

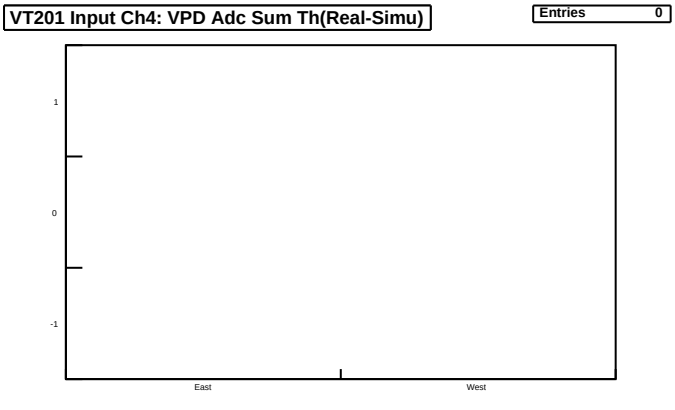

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5725016
15102
3878
19
16
13941
5567
84
72
700525
711749
715608
715611
701686
710060
715543
715555
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

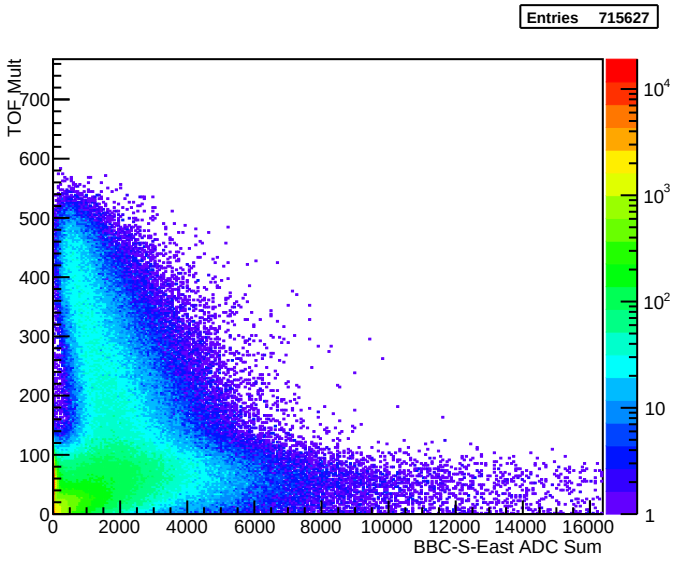

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

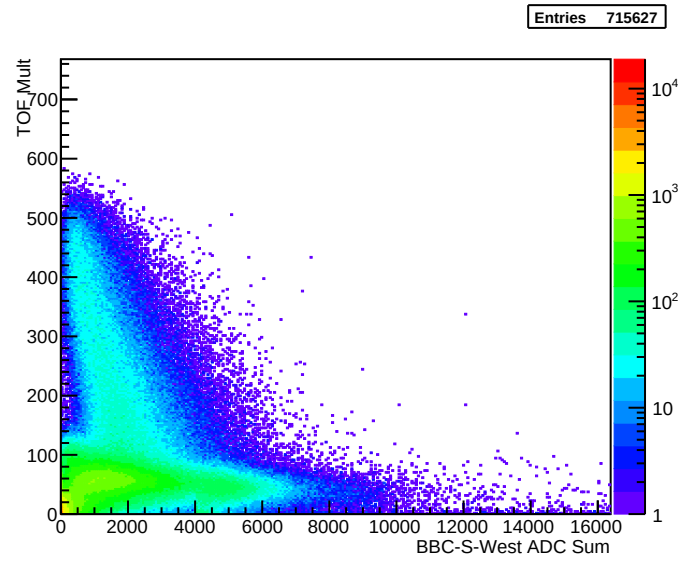

VT201 Input Ch4: VPD Tac Diff
Entries 715627
Tac

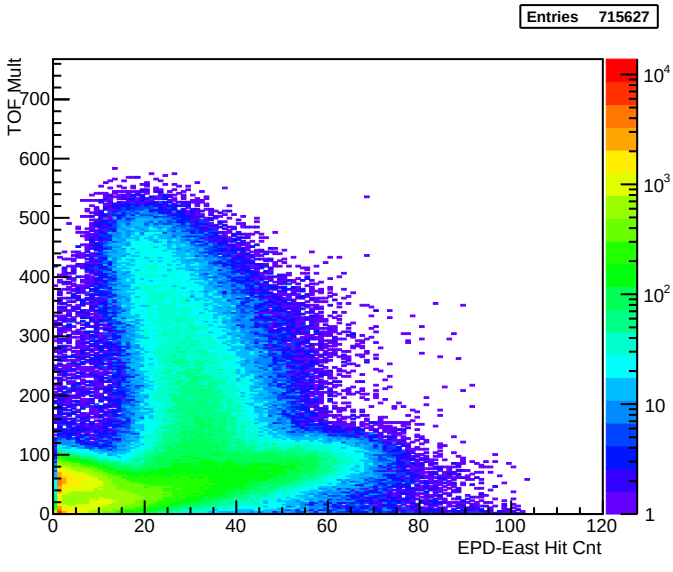

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

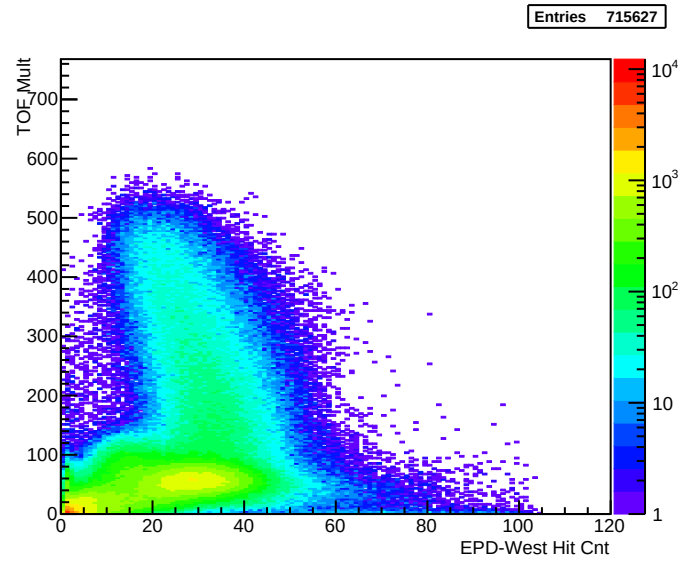

VT201 Input Ch4: VPD Adc Sum Th
Entries 1431254
380430
588093
335197
127534
East
West

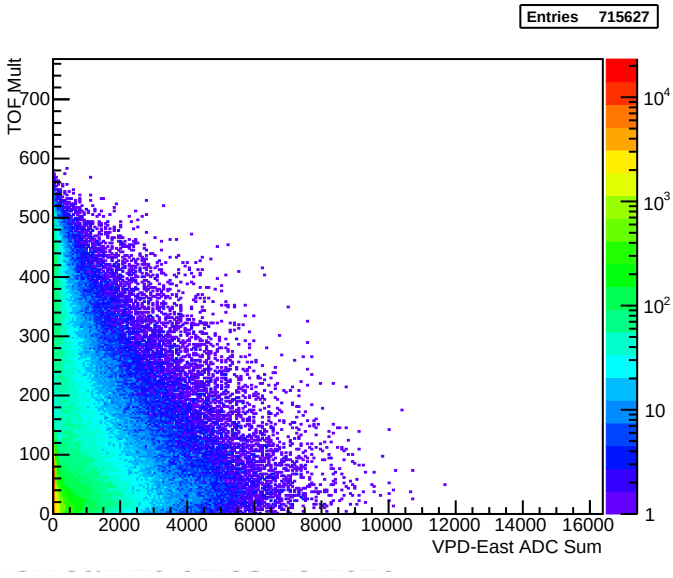

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

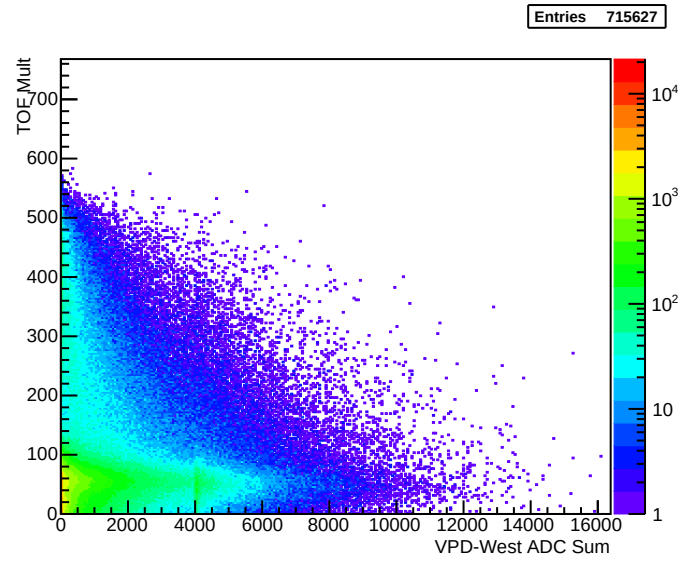

Entries 715627
TOF_Mult
BBC-S-East ADC Sum

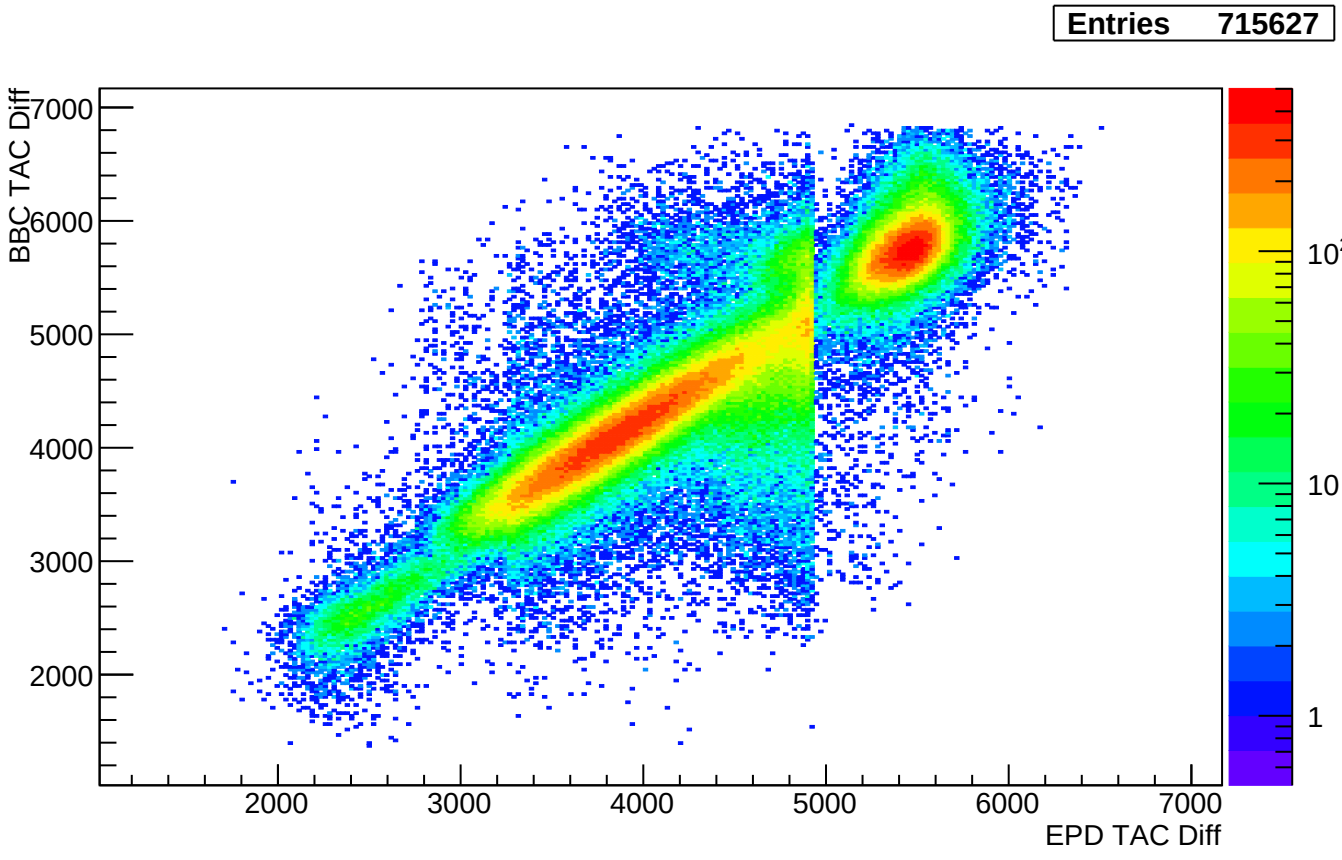

Entries 715627
TOF_Mult
BBC-S-West ADC Sum

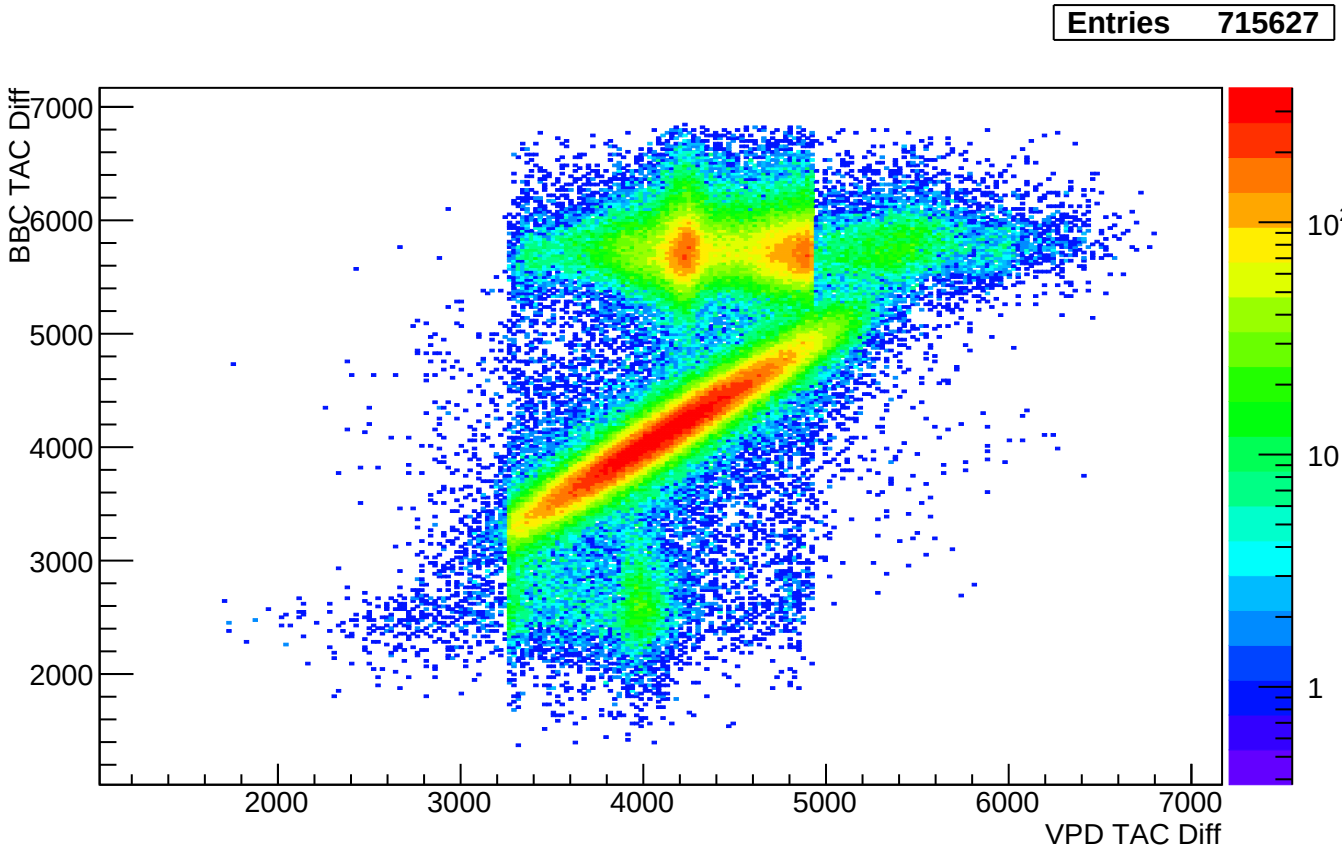

Entries 715627
TOF_Mult
EPD-East Hit Cnt

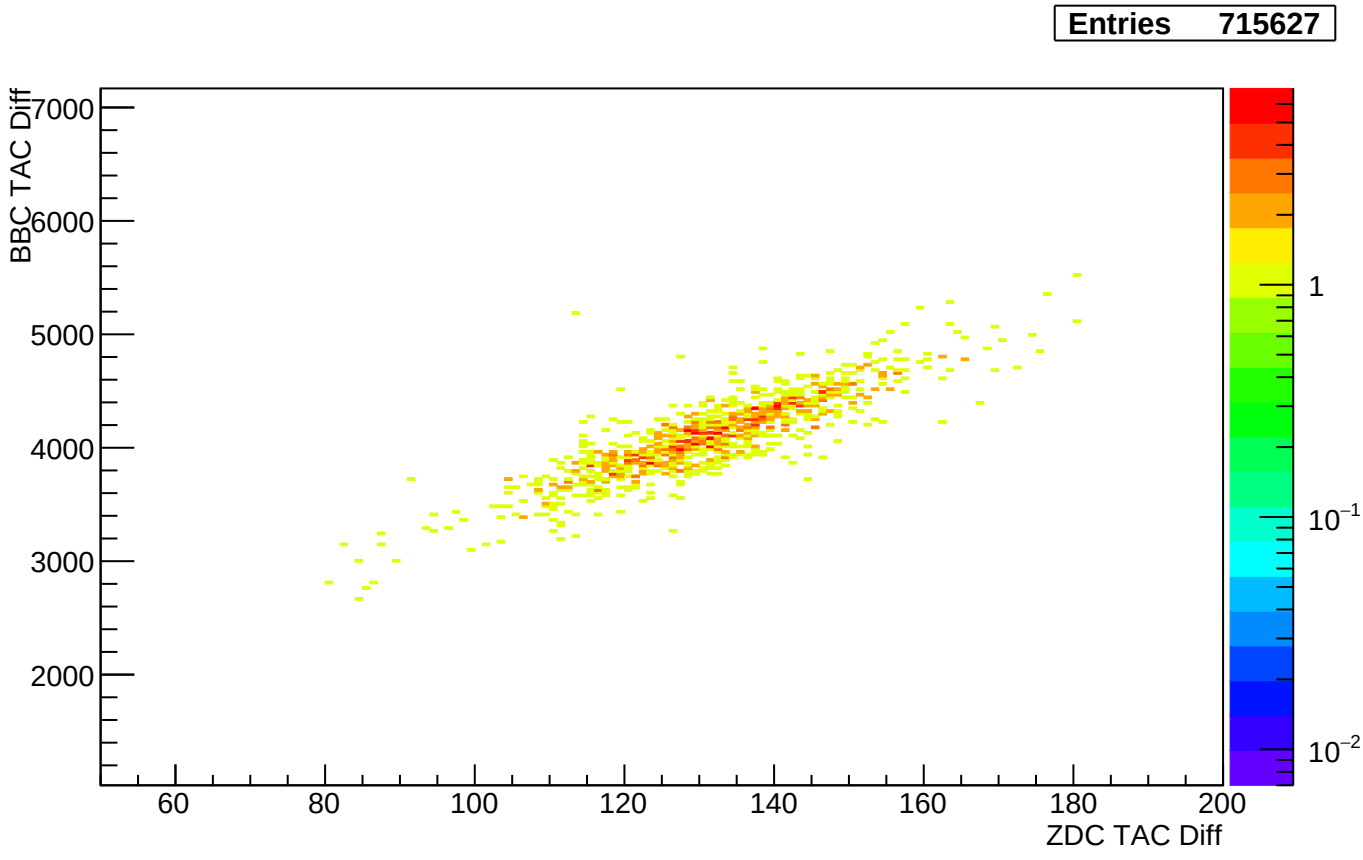

Entries 715627
TOF_Mult
EPD-West Hit Cnt

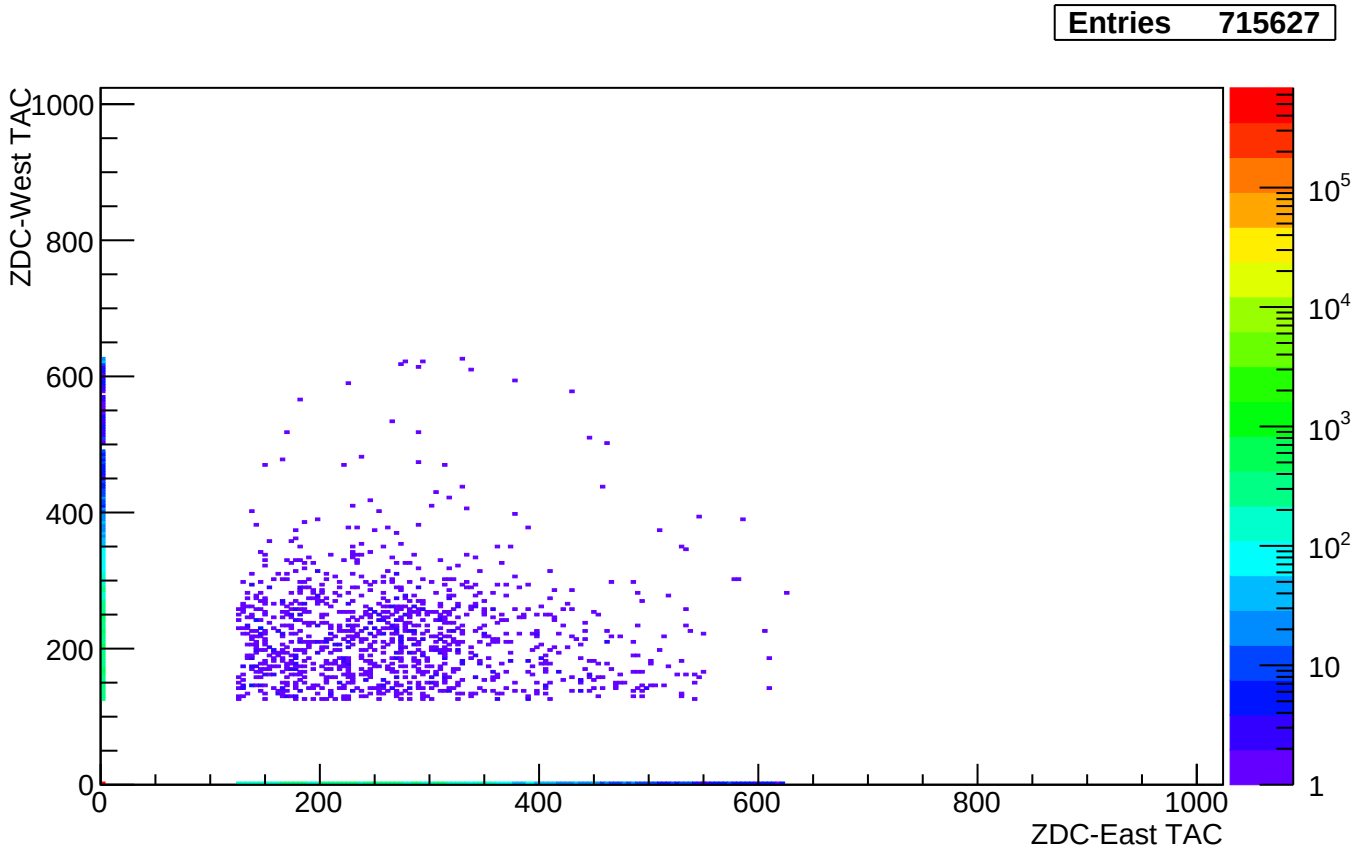

Entries 715627
TOF_Mult
VPD-East ADC Sum

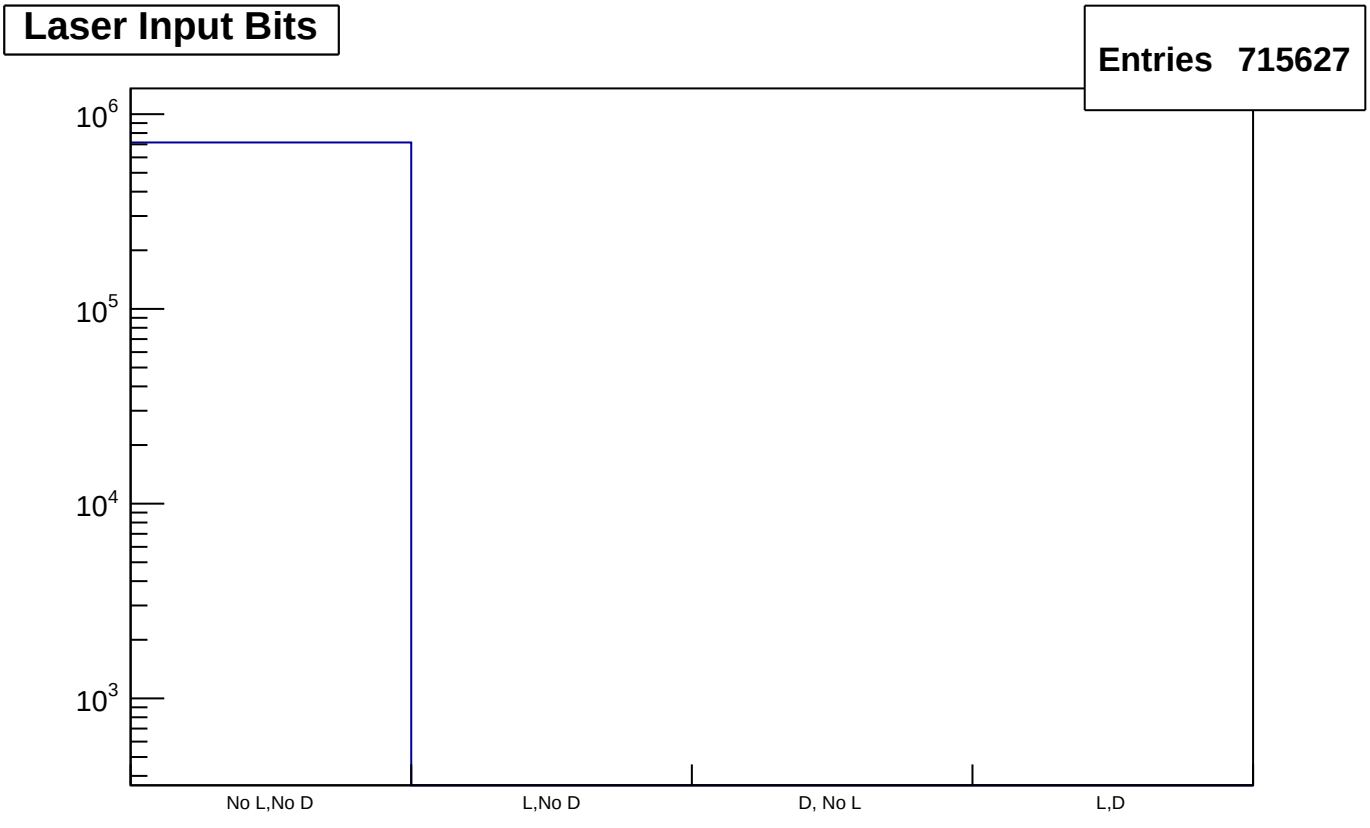

Entries 715627
TOF_Mult
VPD-West ADC Sum

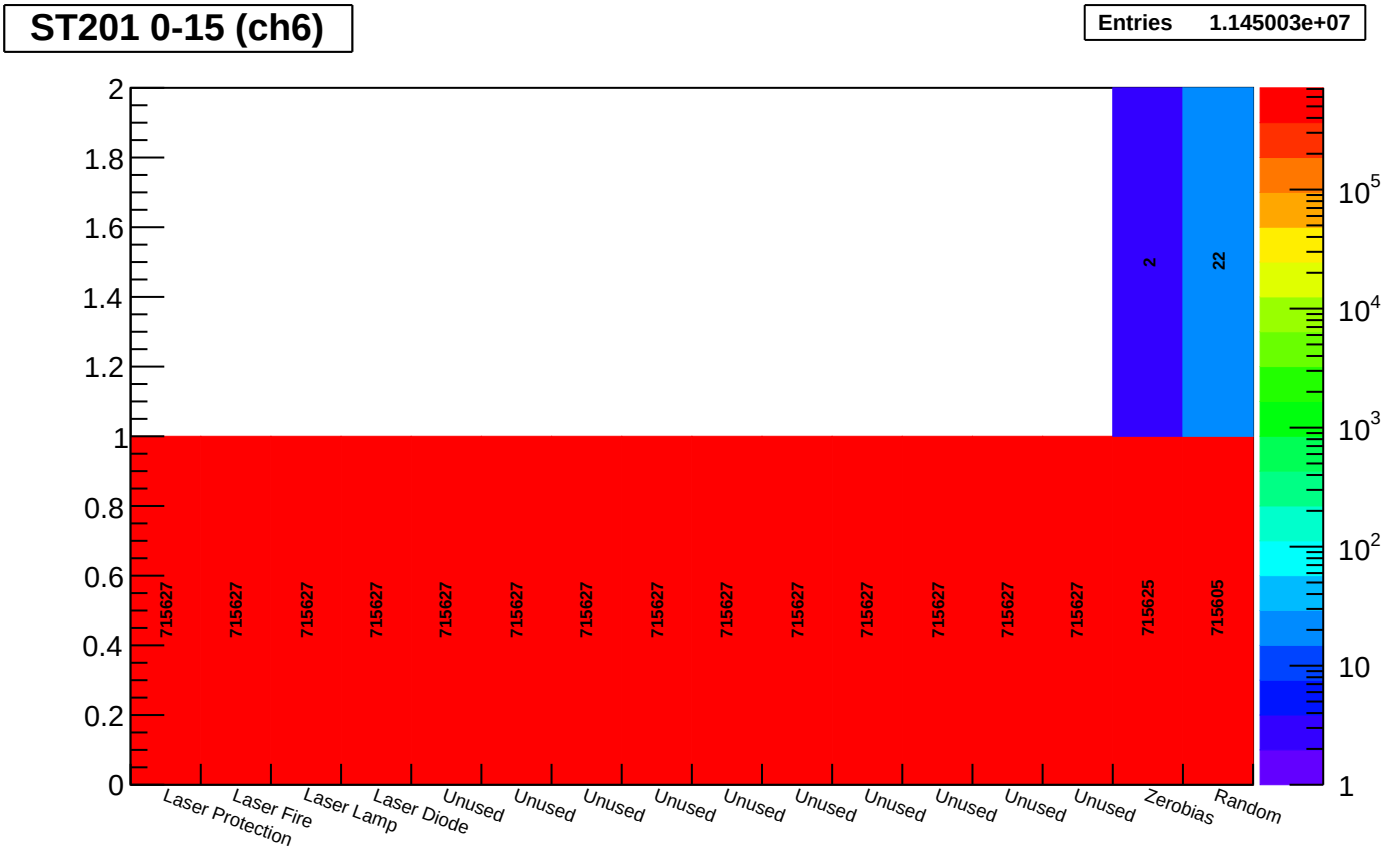

Entries 715627
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

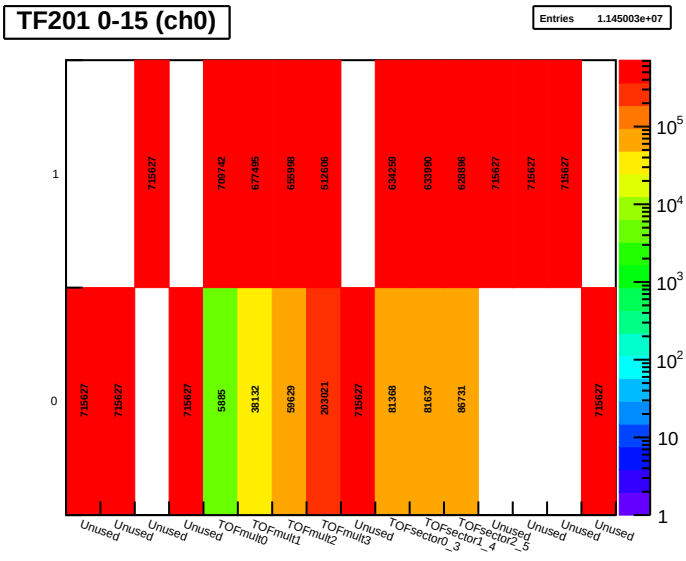

Entries 715627
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

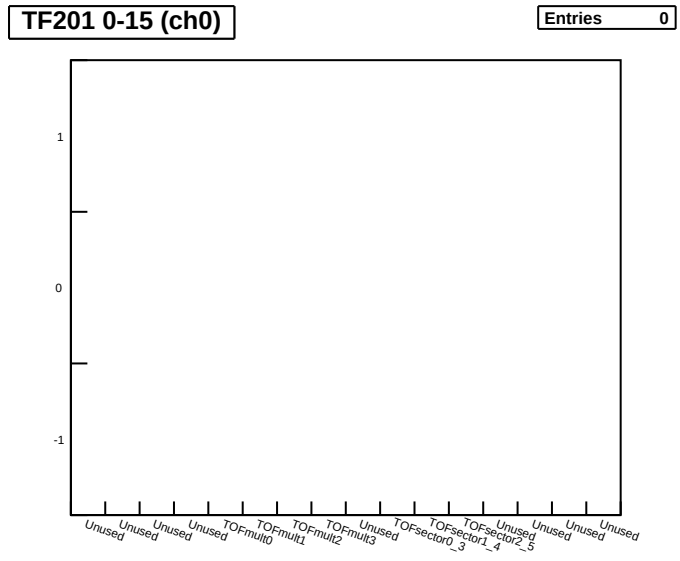

Entries 715627
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

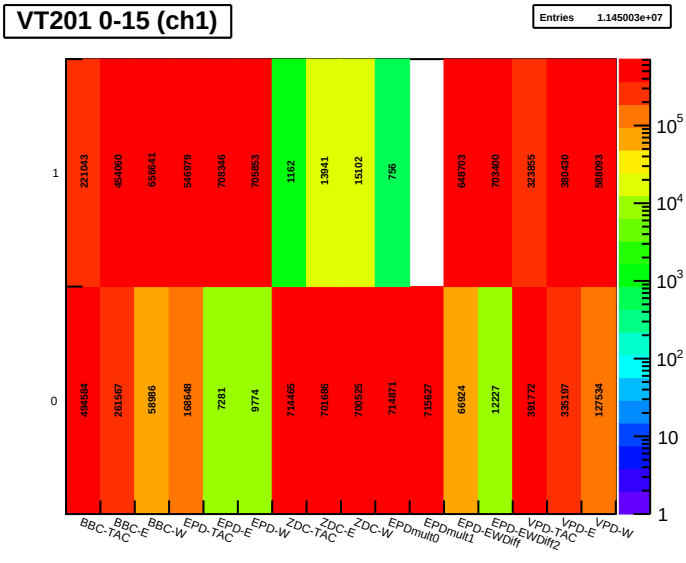

Entries 715627
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

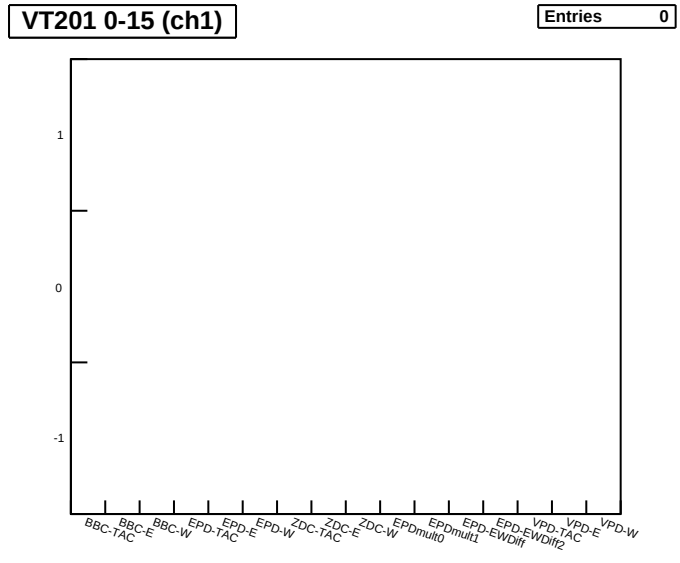

Laser Input Bits
Entries 715627
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

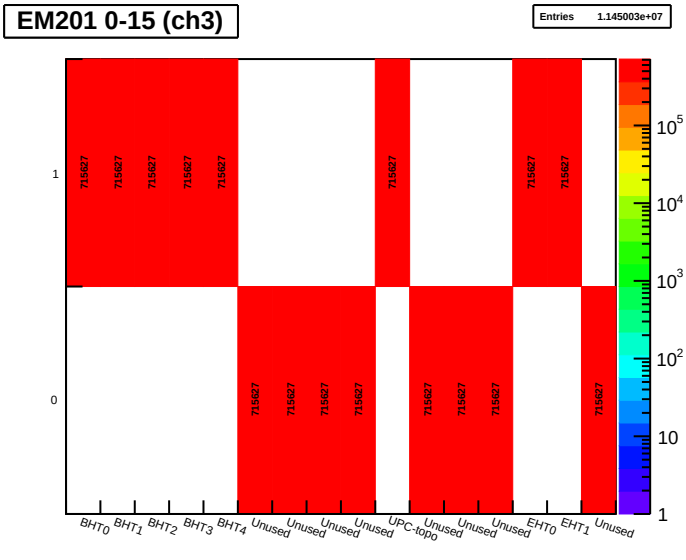

ST201 0-15 (ch6)
Entries 1.145003e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
715627
715627
715627
715627
715627
715627
715627
715627
715627
715627
715627
715627
715627
715627
715625
715605
2
22
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

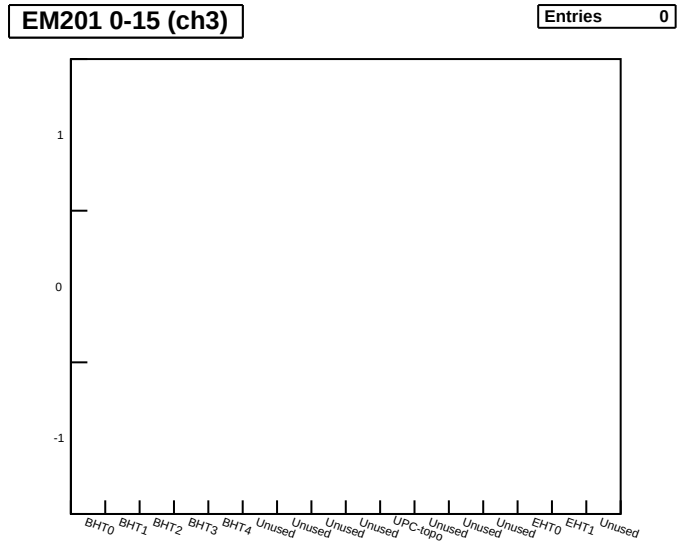

TF201 0-15 (ch0)
Entries 1.145003e+07
1
0
715627
700742
677495
655998
512606
634259
633990
628896
715627
715627
715627
715627
715627
715627
715627
5085
38132
59629
203021
715627
81368
81637
86731
715627
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
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 1.145003e+07
1
0
221043
454060
656641
546979
708346
705853
1162
13941
15102
756
648703
703400
323855
380430
588083
494584
261567
58986
168648
7281
9774
714465
701686
700525
714871
715627
66924
12227
391772
335197
127534
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 1.145003e+07
1
0
715627
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