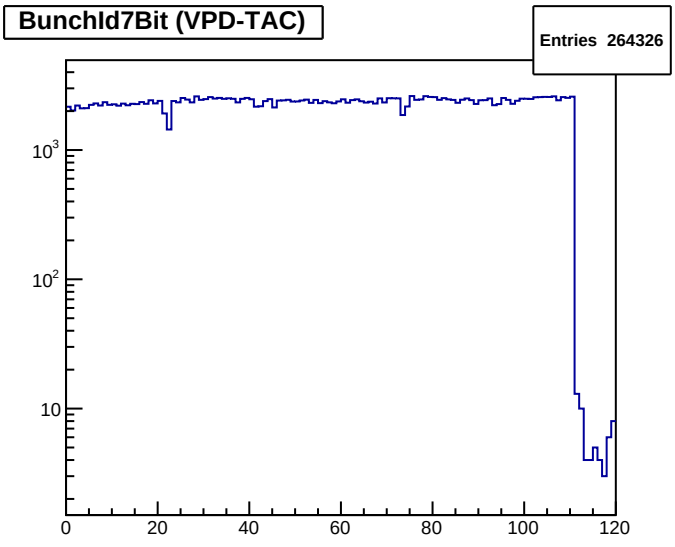
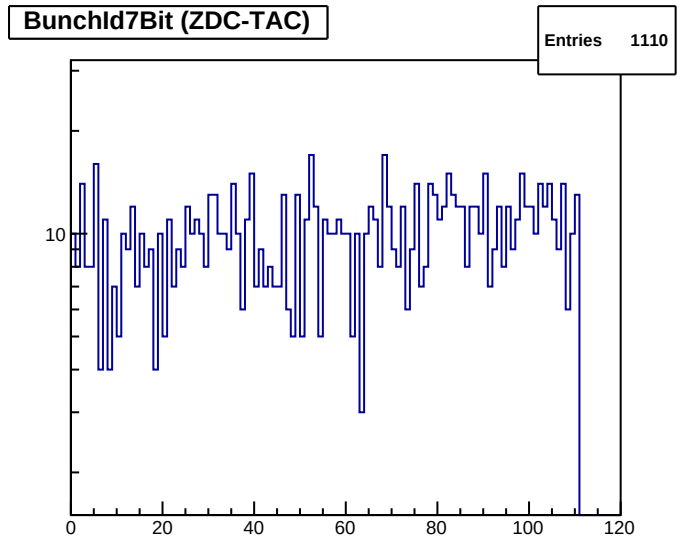
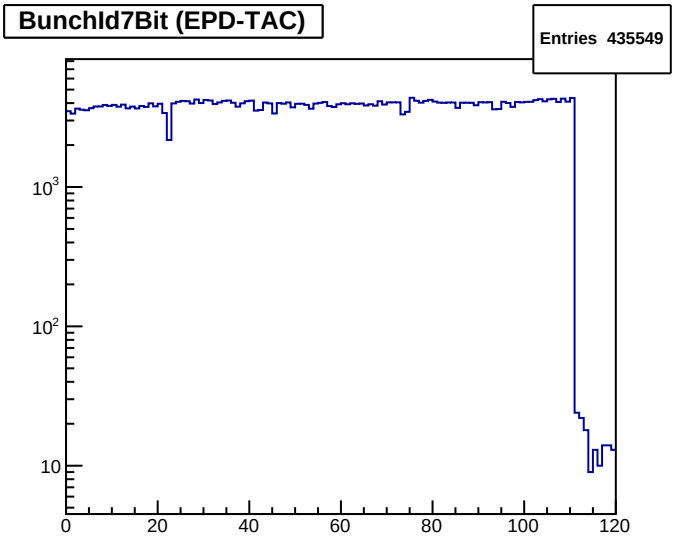
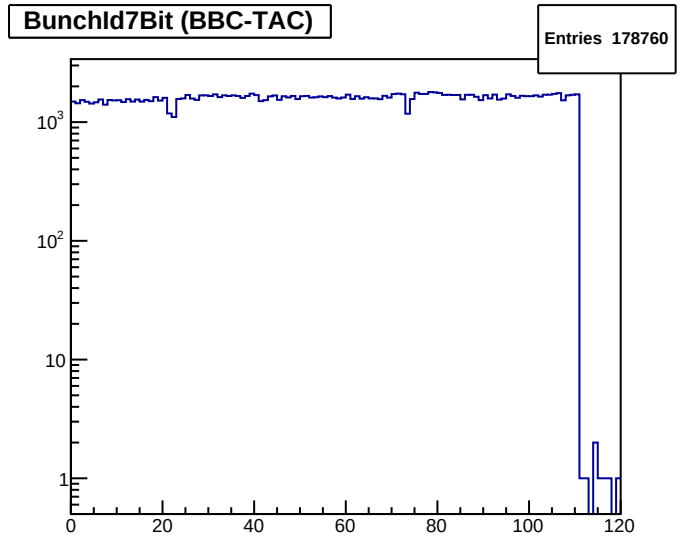
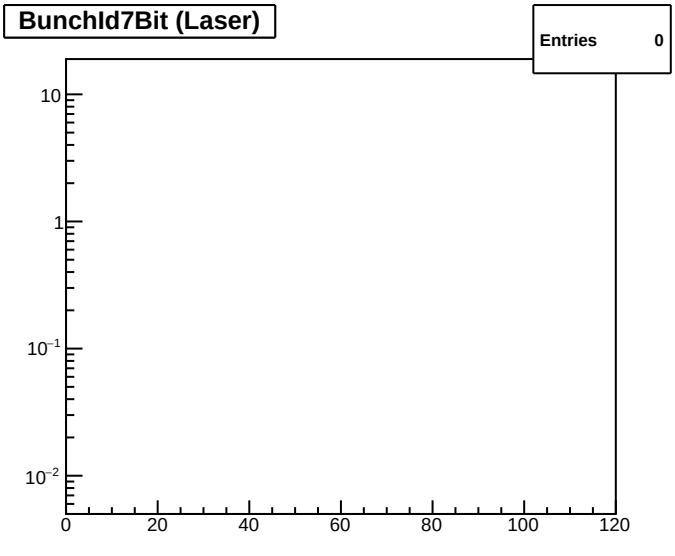
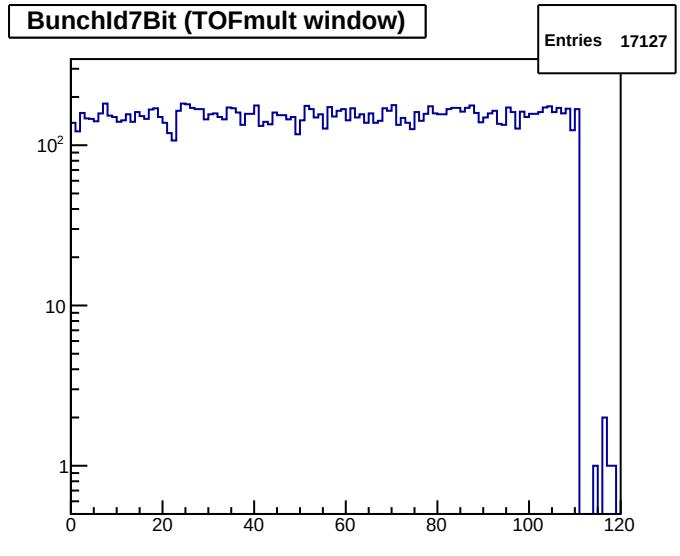

BunchId7Bit (VPD-TAC)
Entries 264326

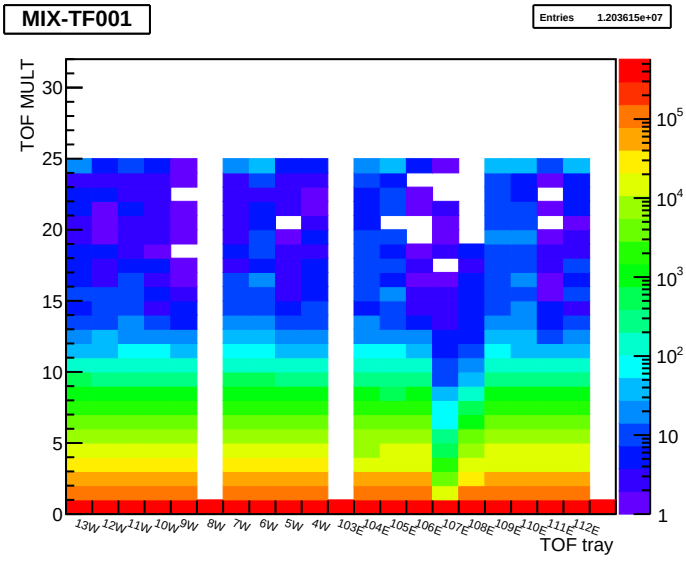

BunchId7Bit (ZDC-TAC)
Entries 1110

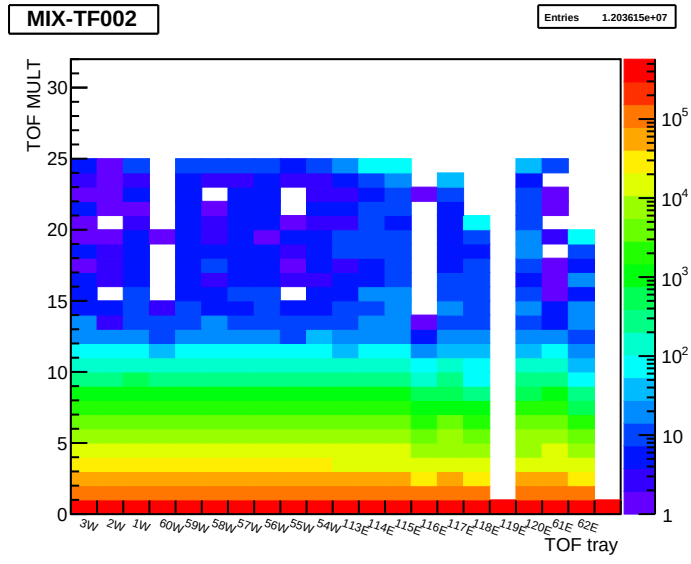

BunchId7Bit (EPD-TAC)
Entries 435549

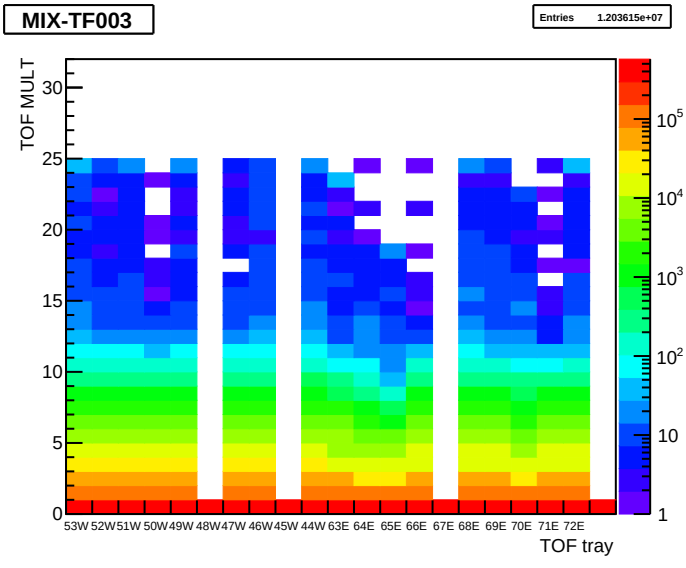

BunchId7Bit (BBC-TAC)
Entries 178760

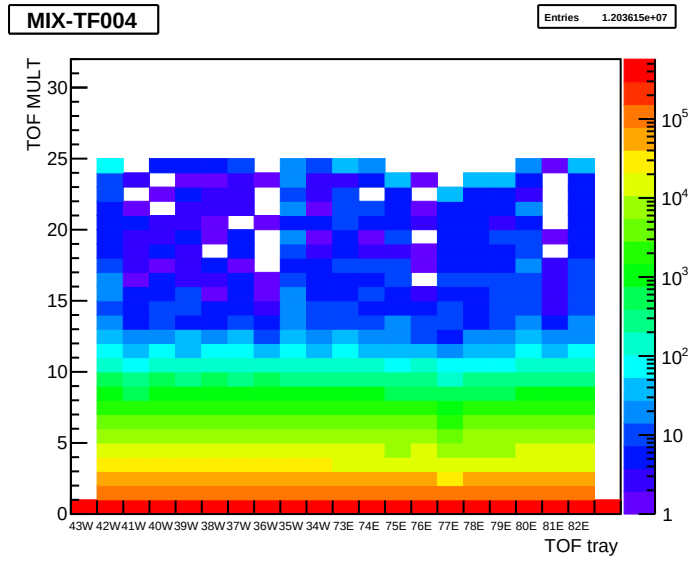

BunchId7Bit (Laser)
Entries 0

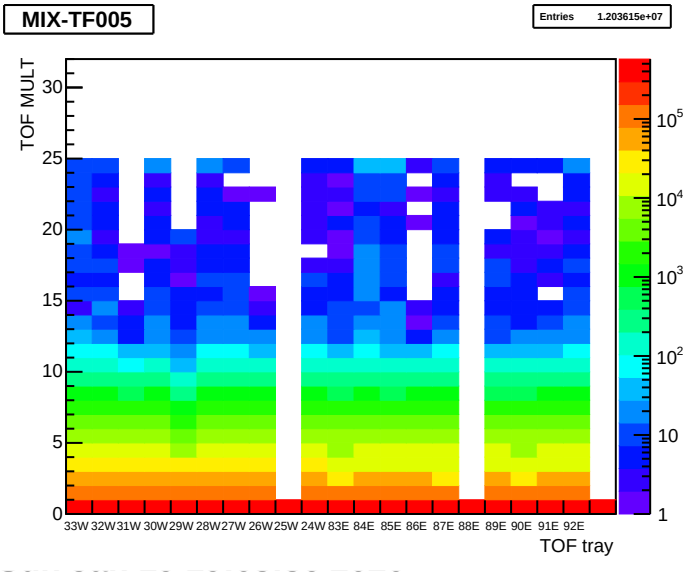

BunchId7Bit (TOFmult window)
Entries 17127

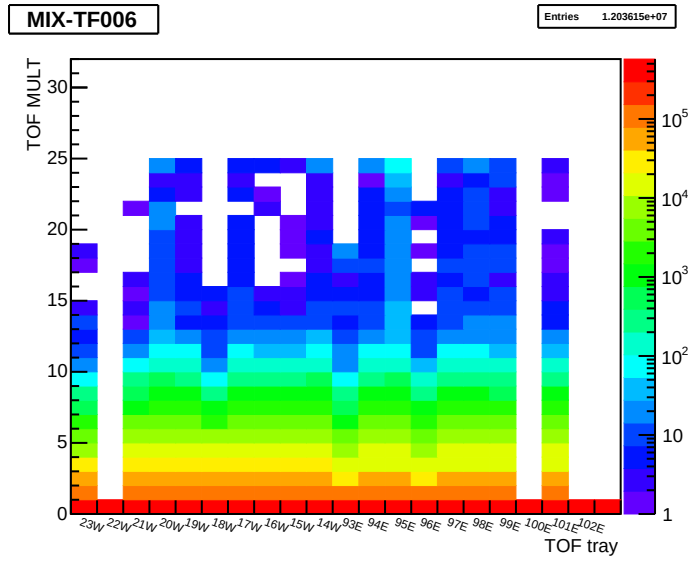

MIX-TF001
Entries 1.203615e+07
TOF MULT
TOF tray

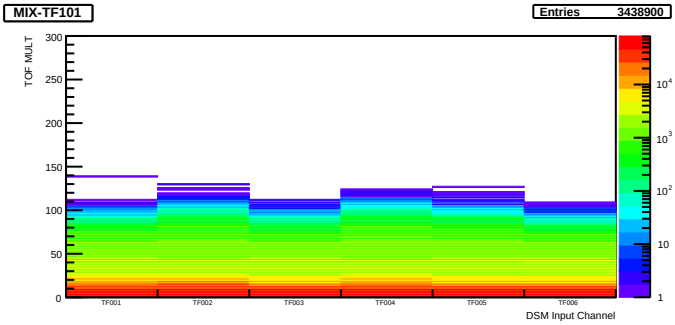

MIX-TF002
Entries 1.203615e+07
TOF MULT
TOF tray

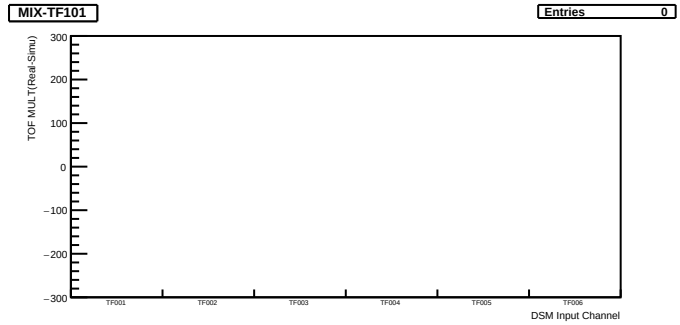

MIX-TF003
Entries 1.203615e+07
TOF MULT
TOF tray

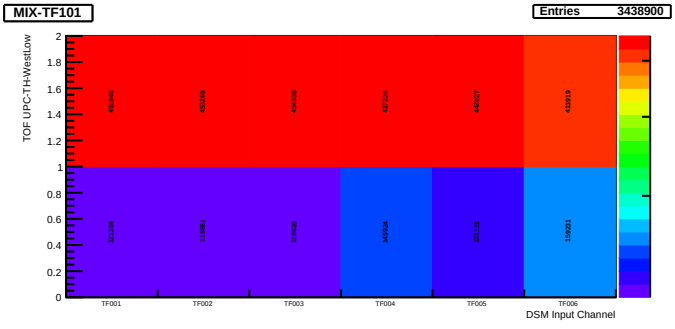

MIX-TF004
Entries 1.203615e+07
TOF MULT
TOF tray

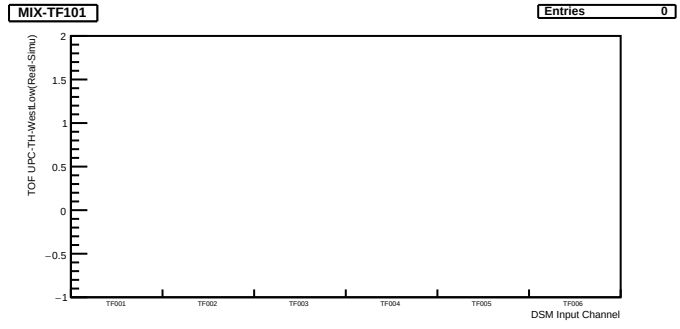

MIX-TF005
Entries 1.203615e+07
TOF MULT
TOF tray

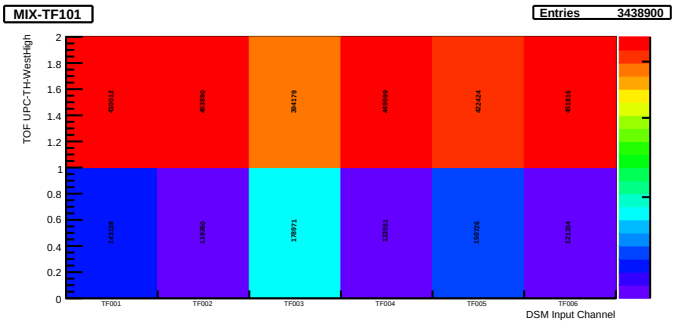

MIX-TF006
Entries 1.203615e+07
TOF MULT
TOF tray

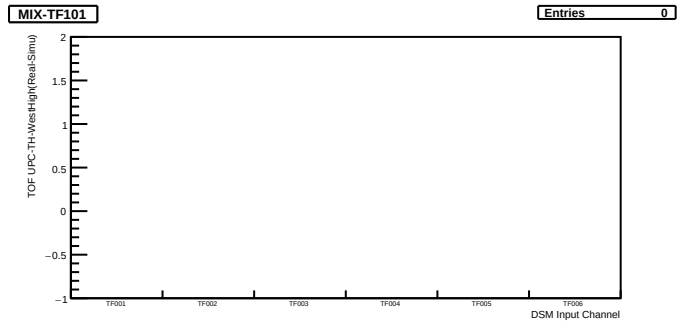

MIX-TF101
Entries 3438900
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

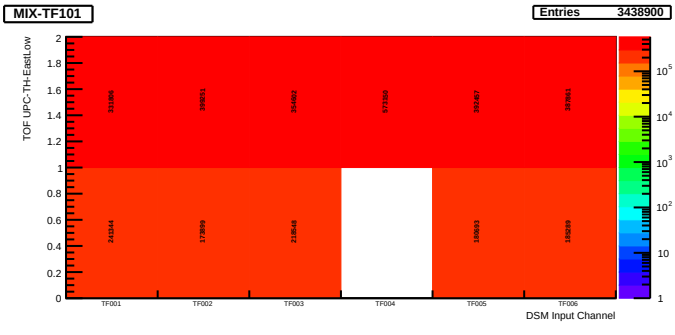

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

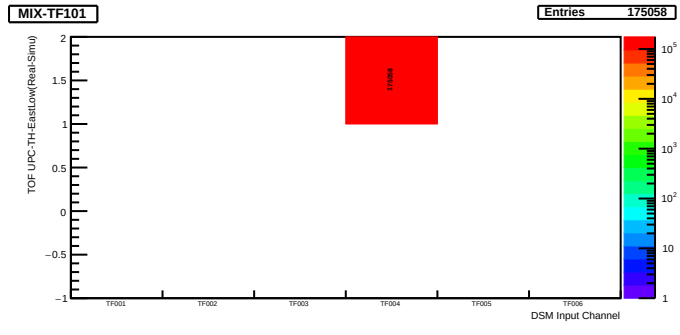

MIX-TF101
Entries 3438900
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

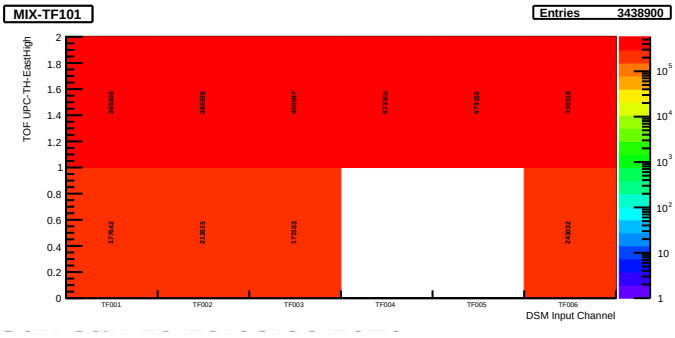

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

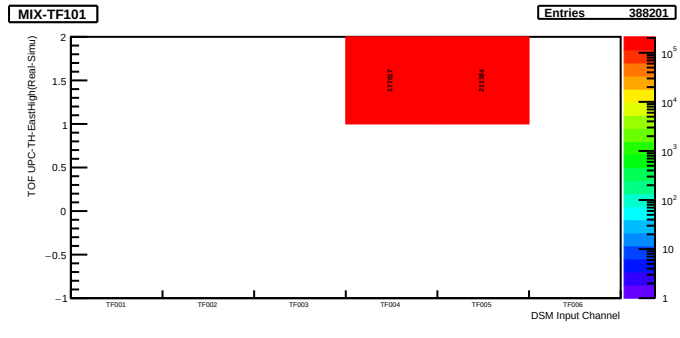

MIX-TF101
Entries 3438900
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

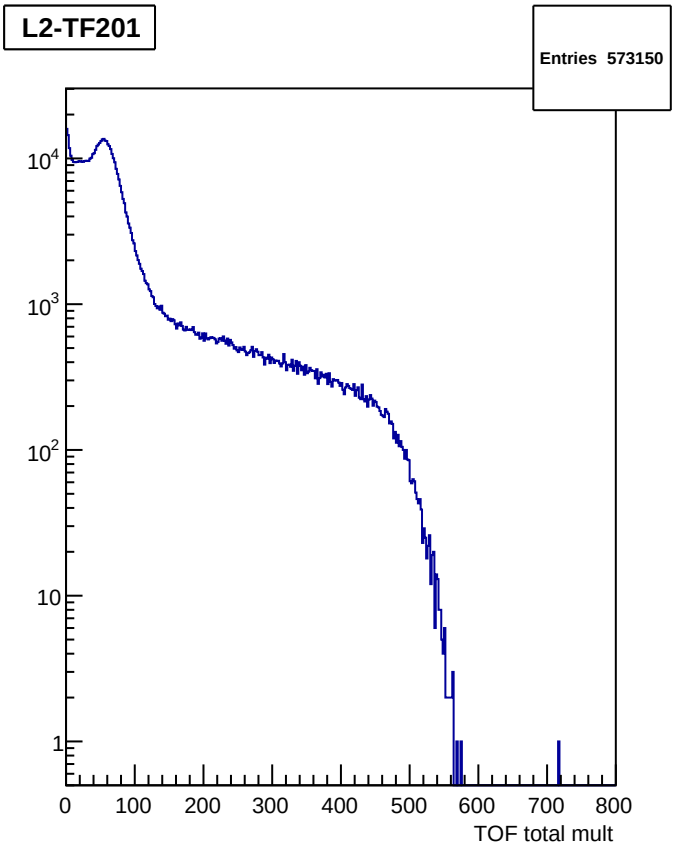

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

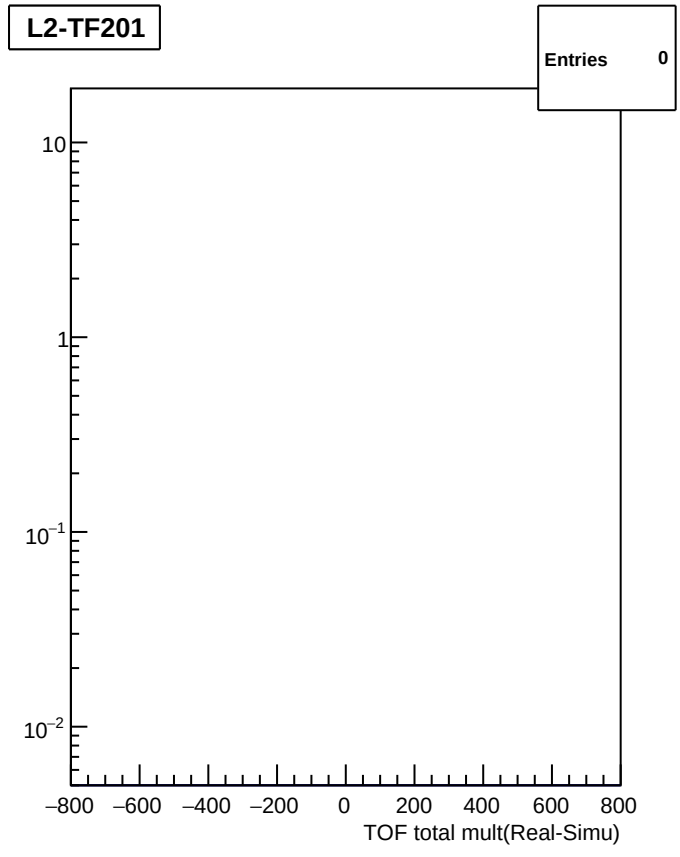

MIX-TF101
Entries 3438900
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

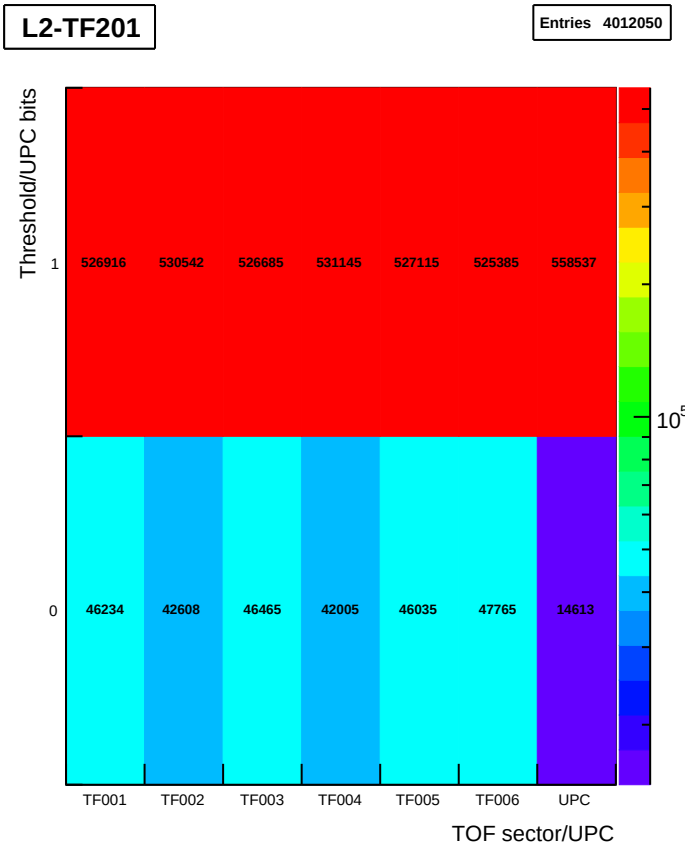

MIX-TF101
Entries 175058
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

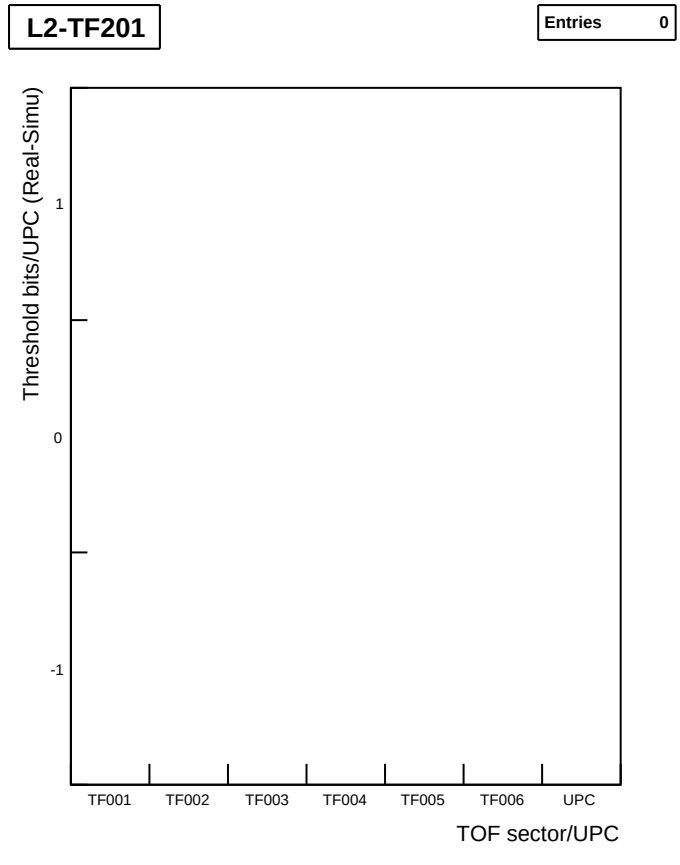

MIX-TF101
Entries 3438900
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

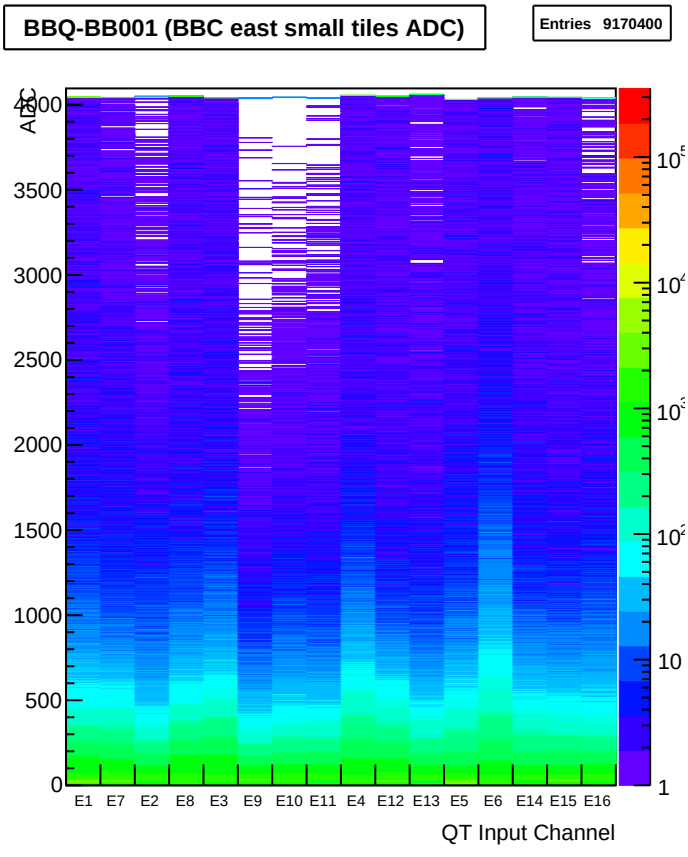

MIX-TF101
Entries 388201
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

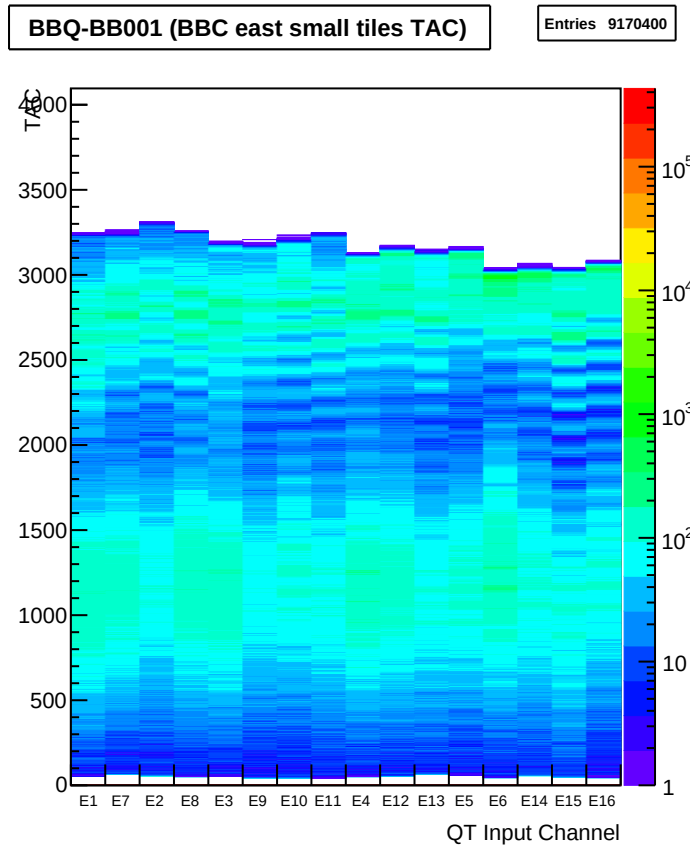

L2-TF201
Entries 573150
TOF total mult

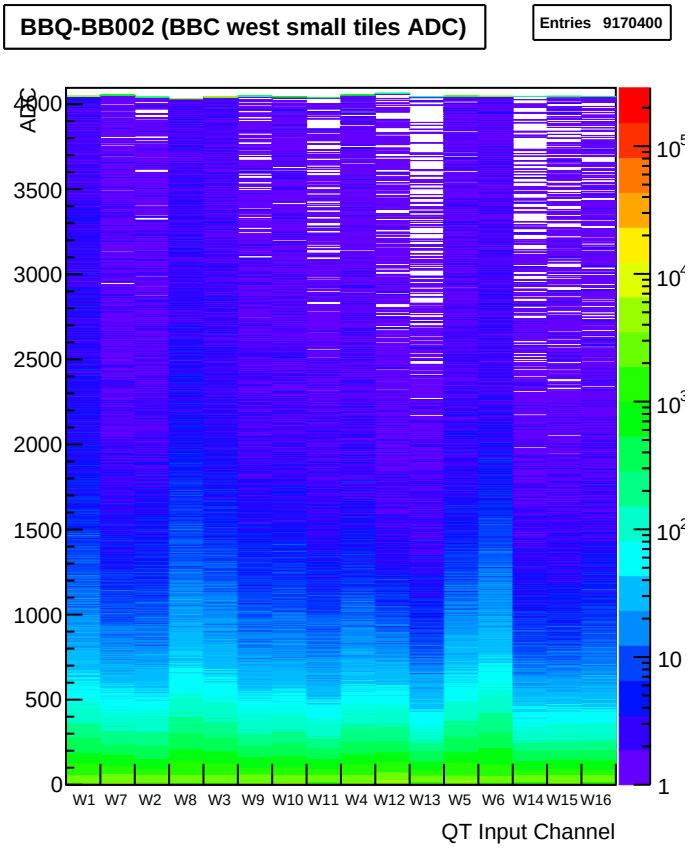

L2-TF201
Entries 0
TOF total mult(Real-Simu)

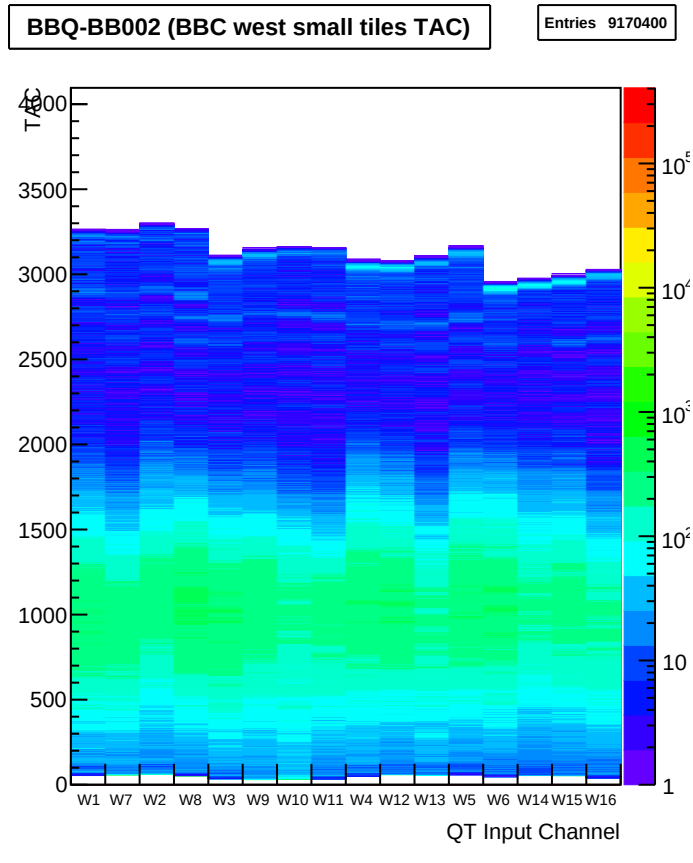

L2-TF201
Entries 4012050
Threshold/UPC bits
526916
530542
526685
531145
527115
525385
558537
46234
42608
46465
42005
46035
47765
14613
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

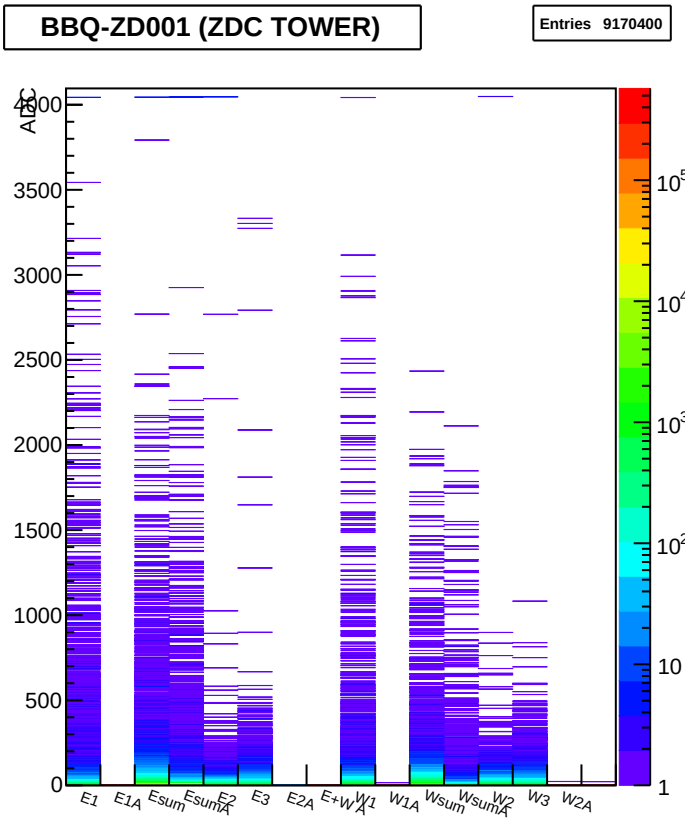

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

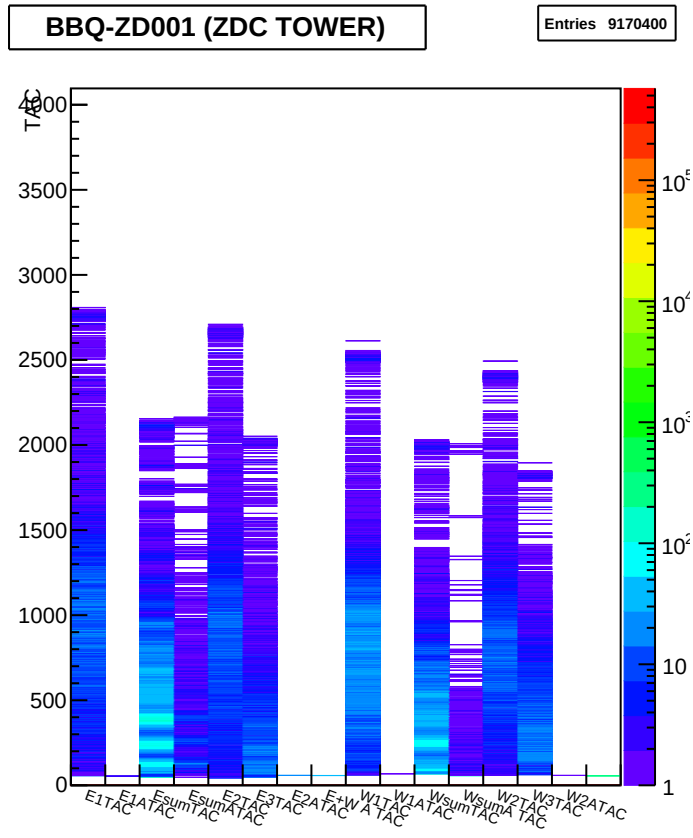

BBQ-BB001 (BBC east small tiles ADC)
Entries 9170400
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

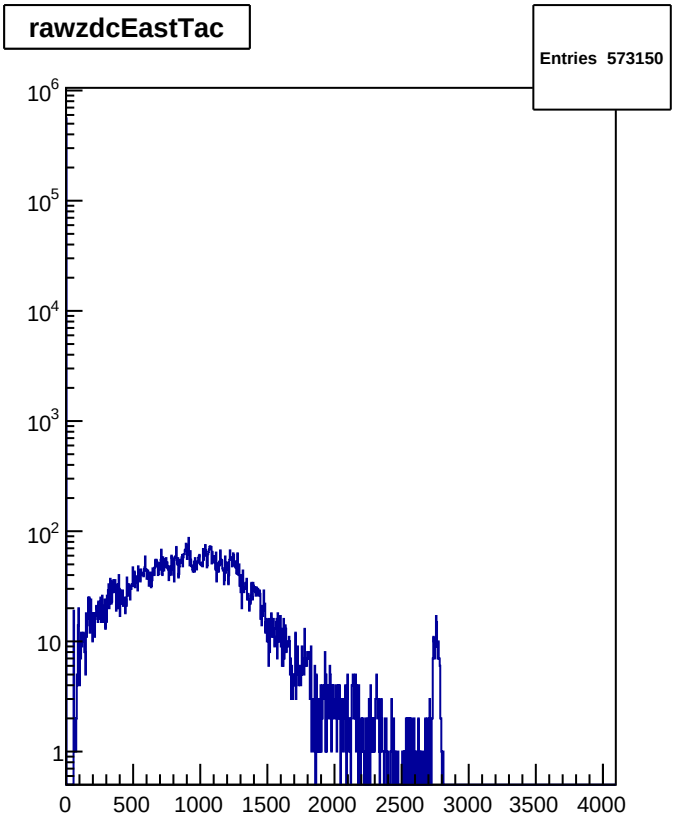

BBQ-BB001 (BBC east small tiles TAC)
Entries 9170400
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

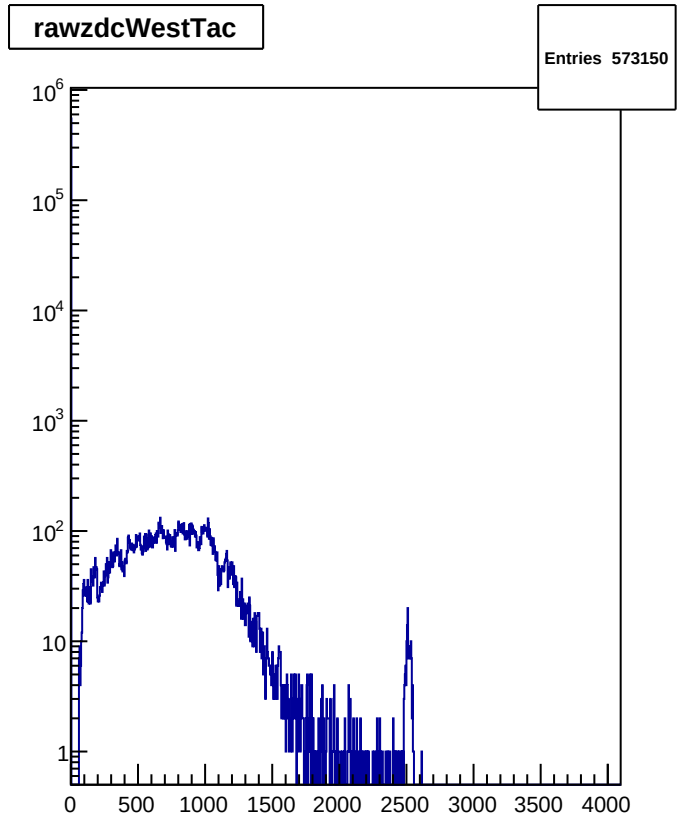

BBQ-BB002 (BBC west small tiles ADC)
Entries 9170400
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

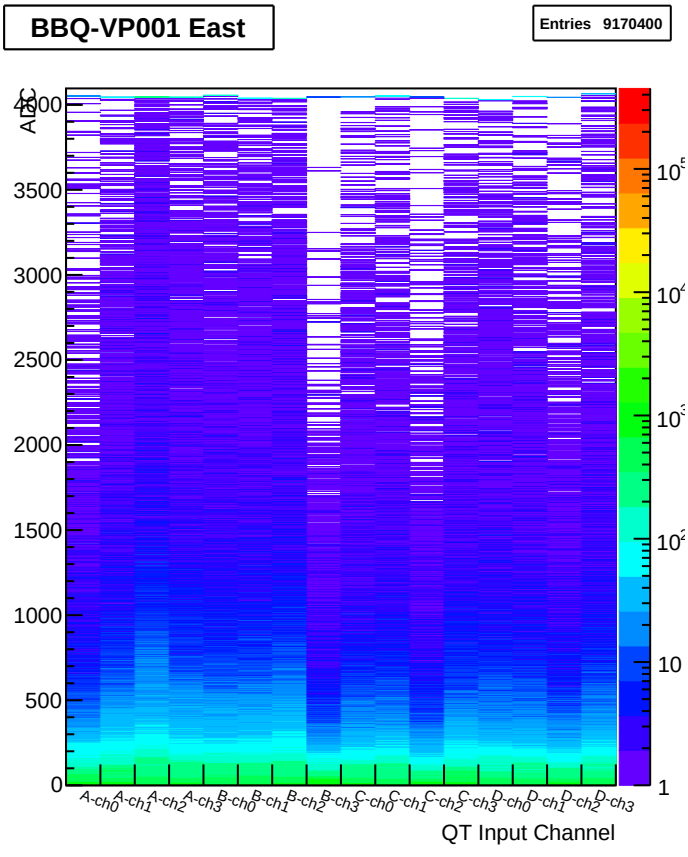

BBQ-BB002 (BBC west small tiles TAC)
Entries 9170400
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

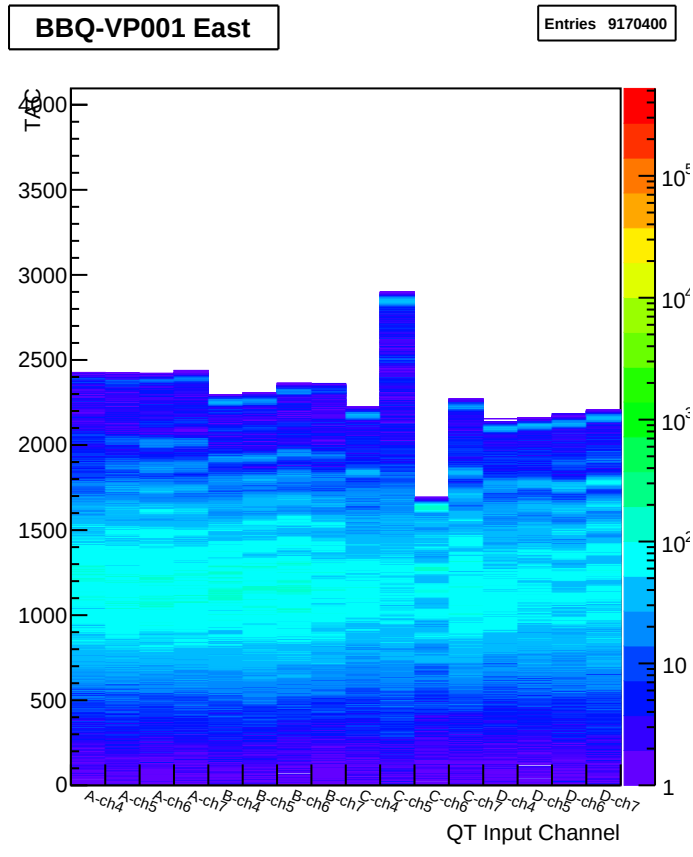

BBQ-ZD001 (ZDC TOWER)
Entries 9170400
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

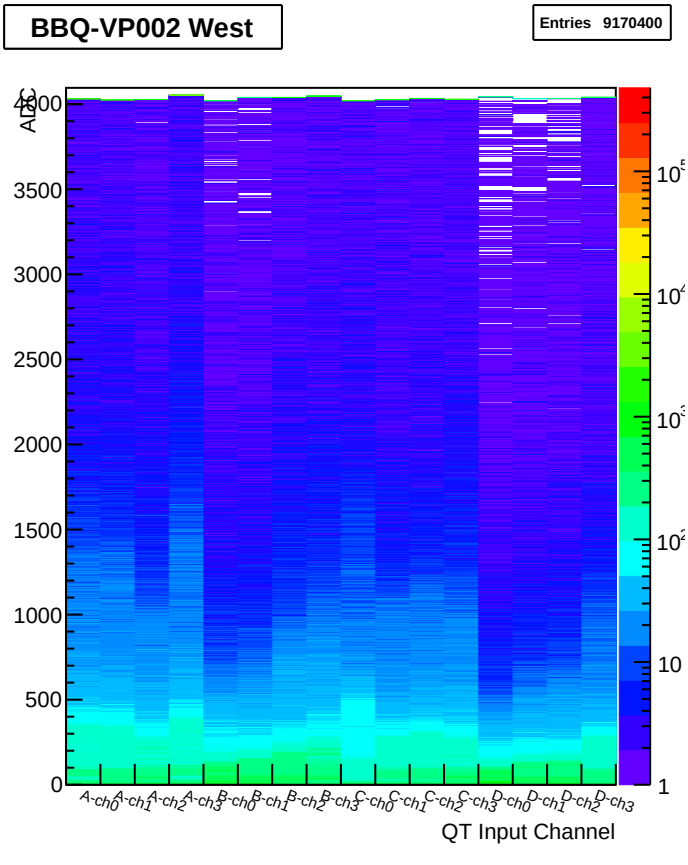

BBQ-ZD001 (ZDC TOWER)
Entries 9170400
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

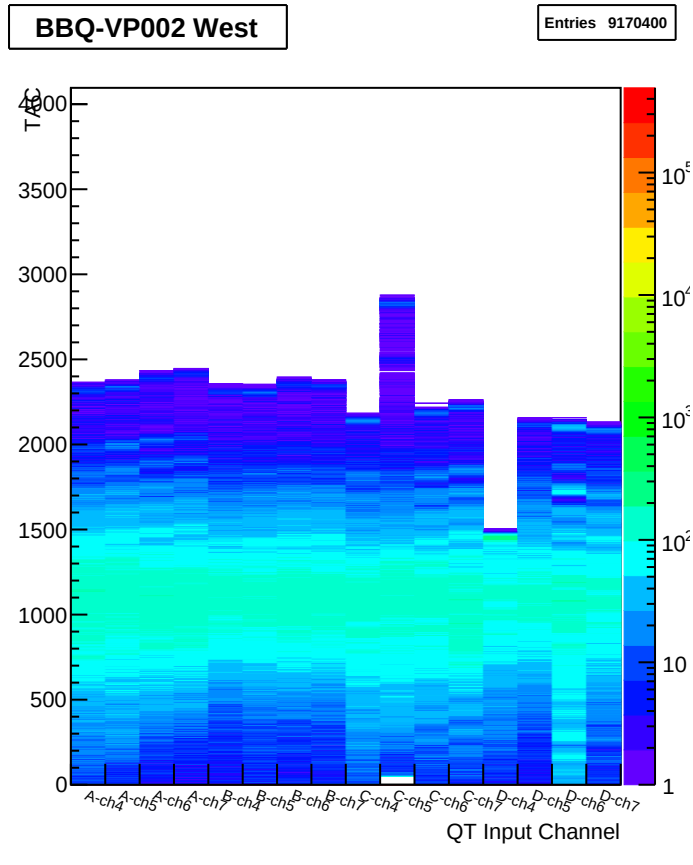

rawzdcEastTac
Entries 573150

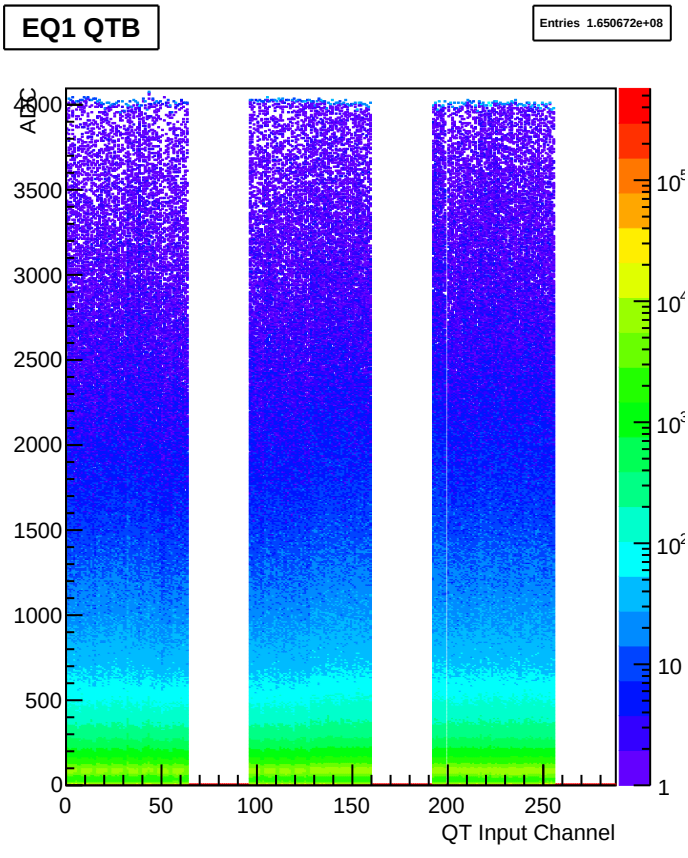

rawzdcWestTac
Entries 573150

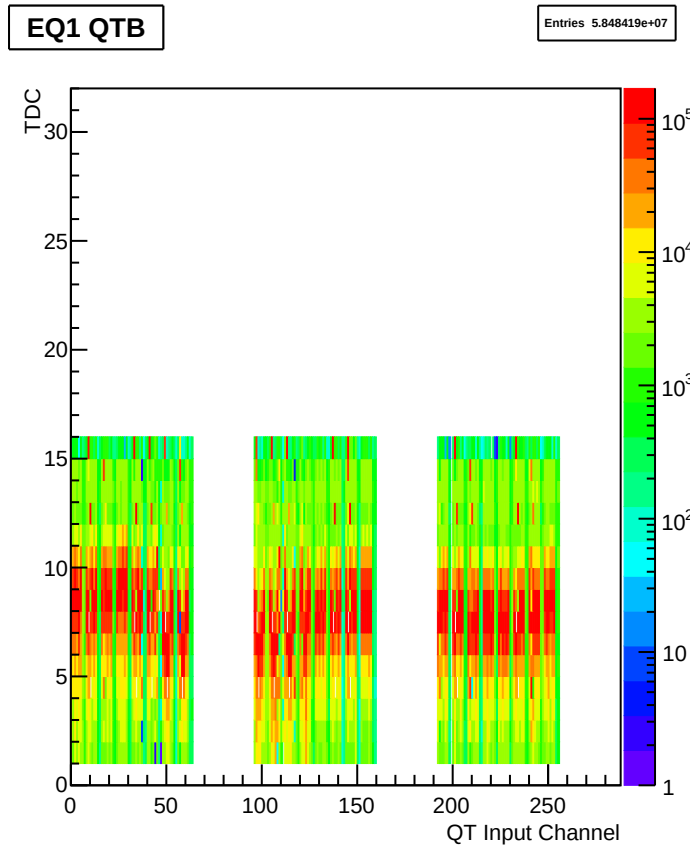

BBQ-VP001 East
Entries 9170400
ADC
QT Input Channel

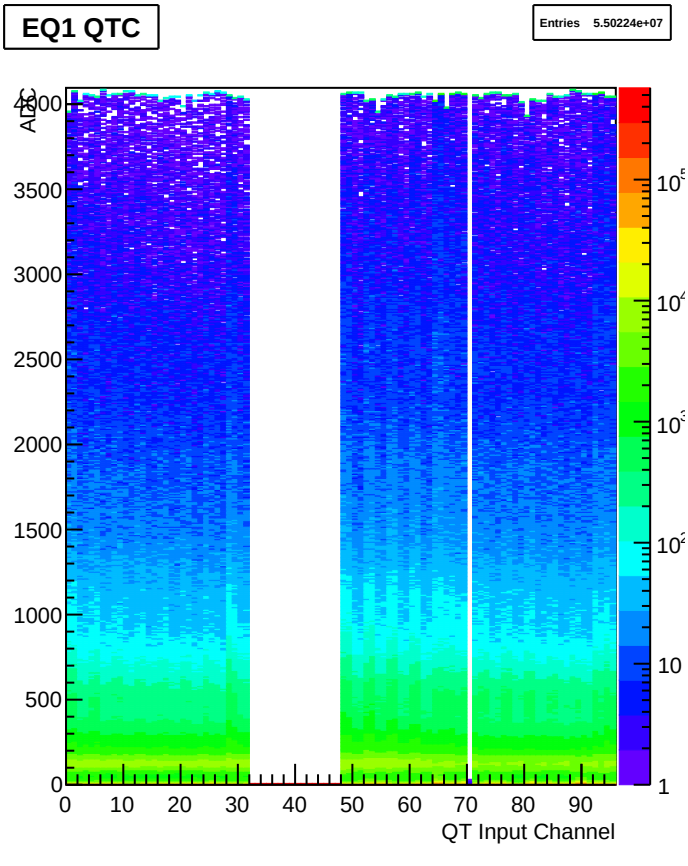

BBQ-VP001 East
Entries 9170400
TADC
QT Input Channel

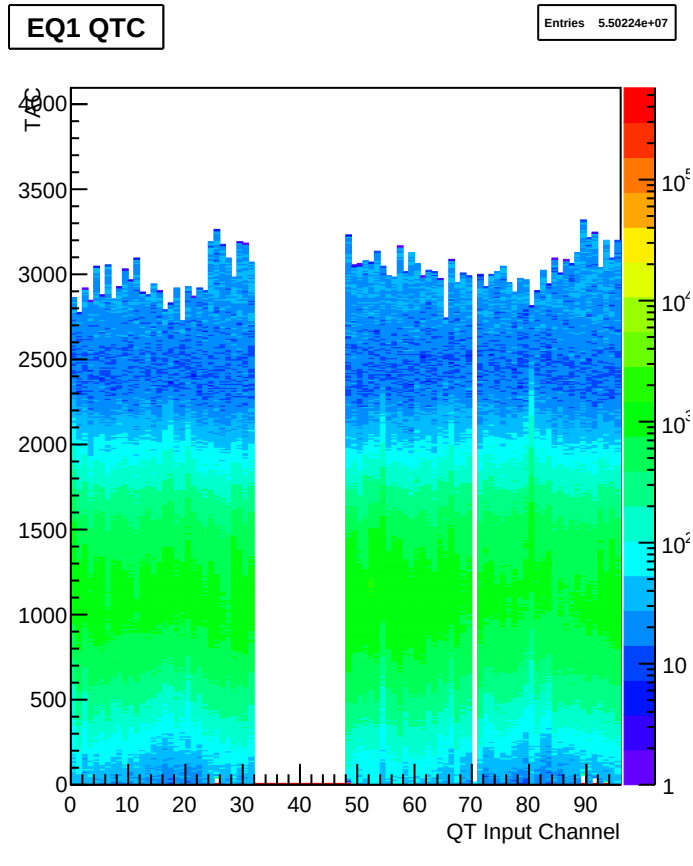

BBQ-VP002 West
Entries 9170400
ADC
QT Input Channel

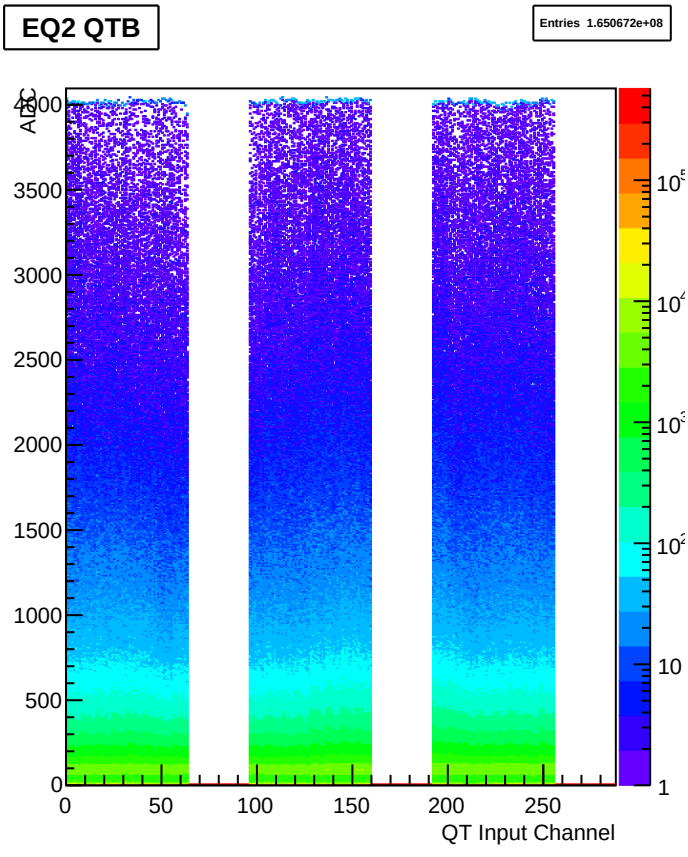

BBQ-VP002 West
Entries 9170400
TADC
QT Input Channel

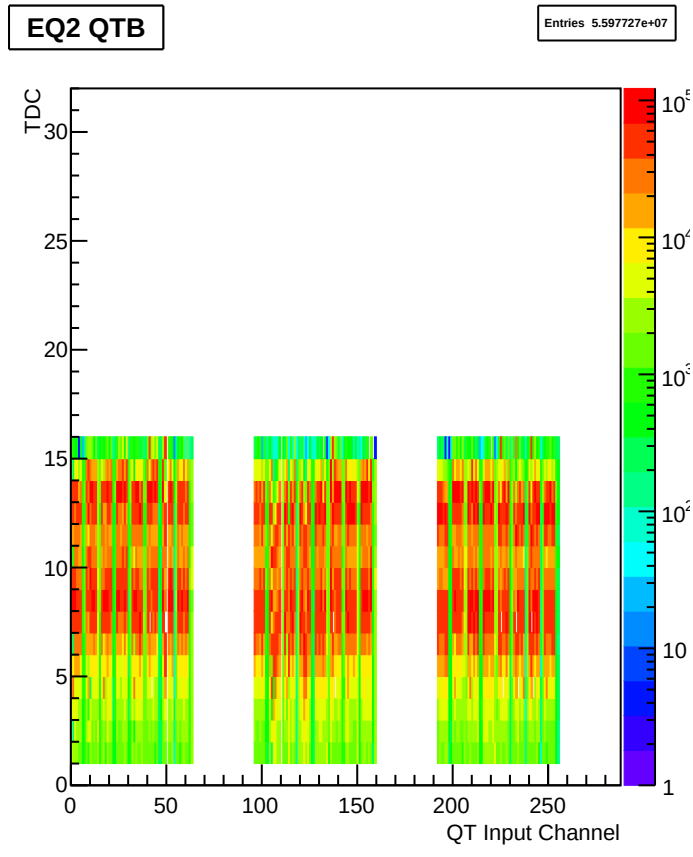

EQ1 QTB
Entries 1.650672e+08
ADC
QT Input Channel

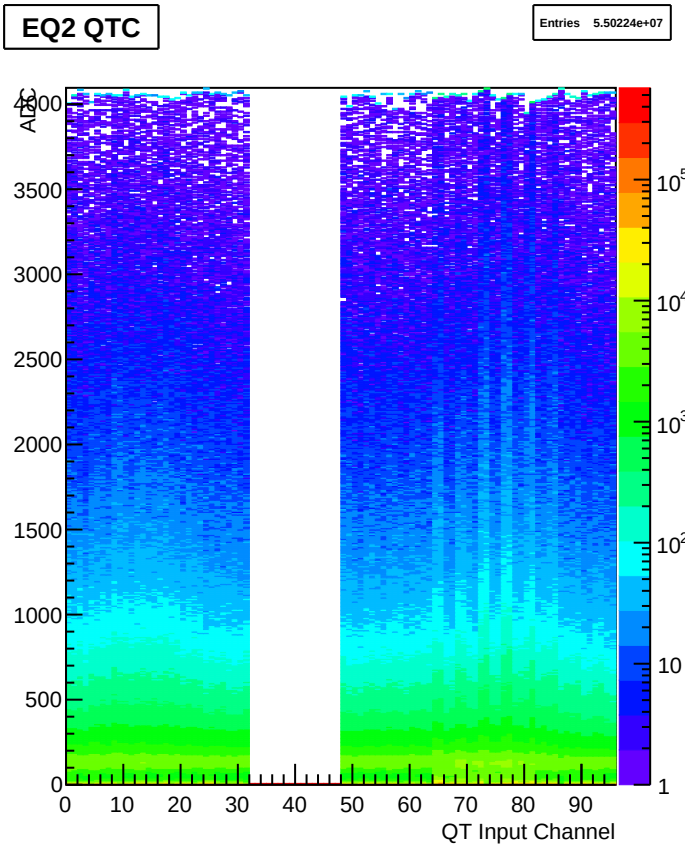

EQ1 QTB
Entries 5.848419e+07
TDC
QT Input Channel

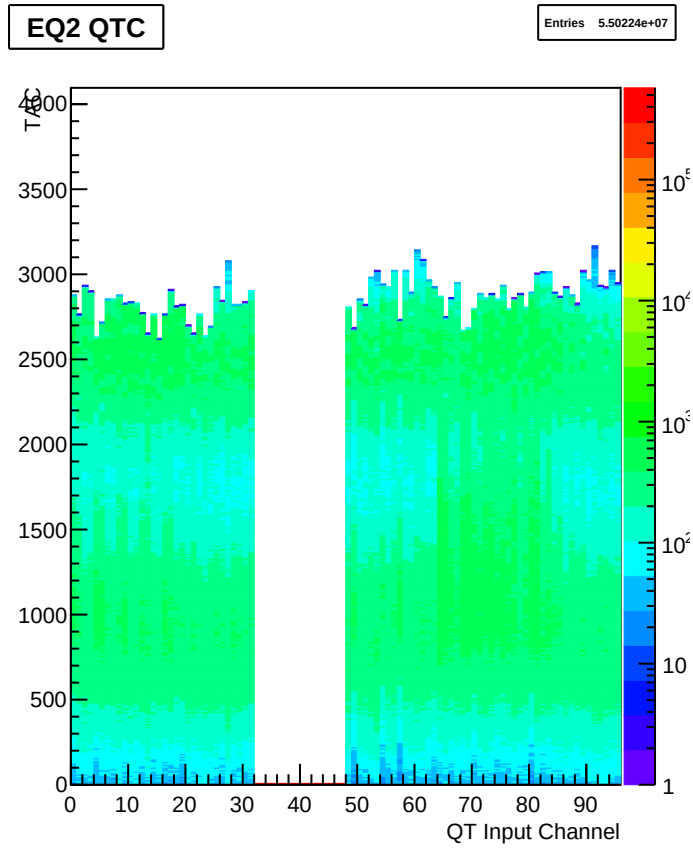

EQ1 QTC
Entries 5.50224e+07
ADC
QT Input Channel

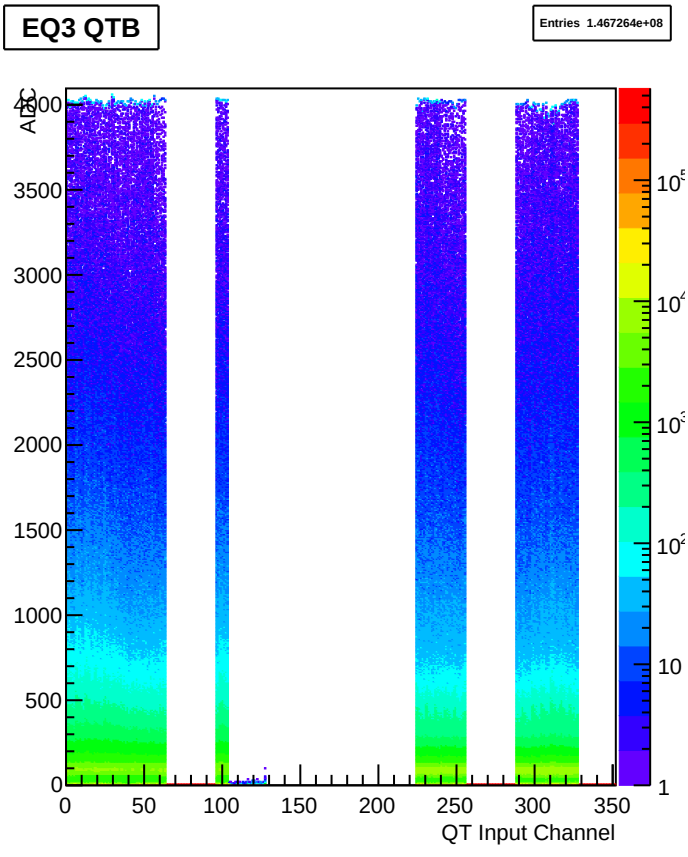

EQ1 QTC
Entries 5.50224e+07
TADC
QT Input Channel

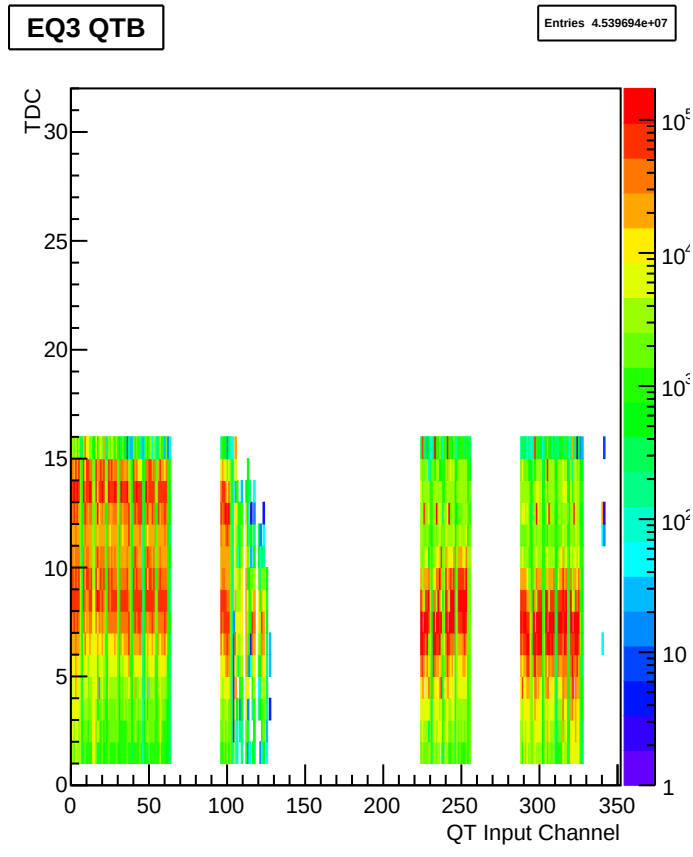

EQ2 QTB
Entries 1.650672e+08
ADC
QT Input Channel

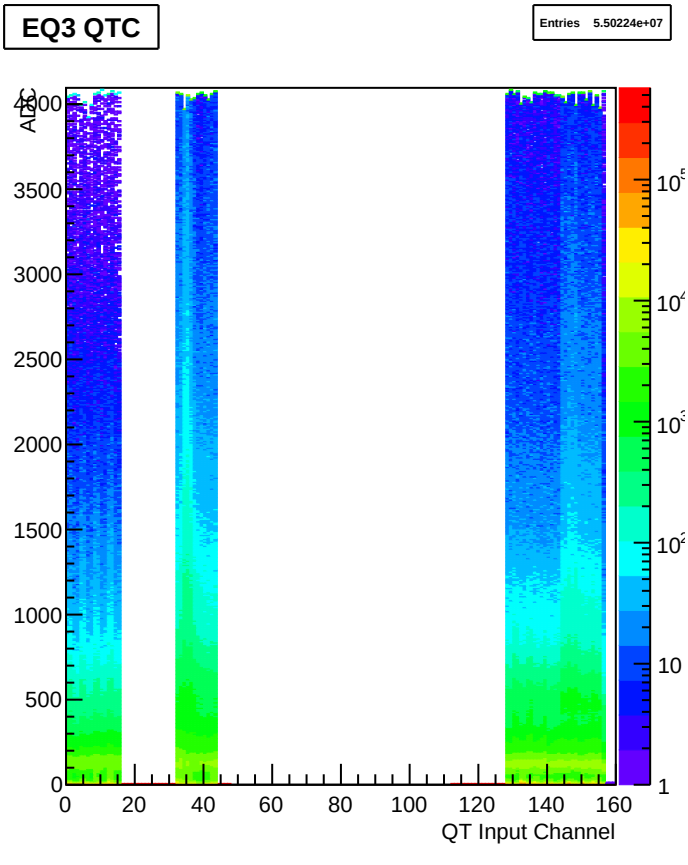

EQ2 QTB
Entries 5.597727e+07
TDC
QT Input Channel

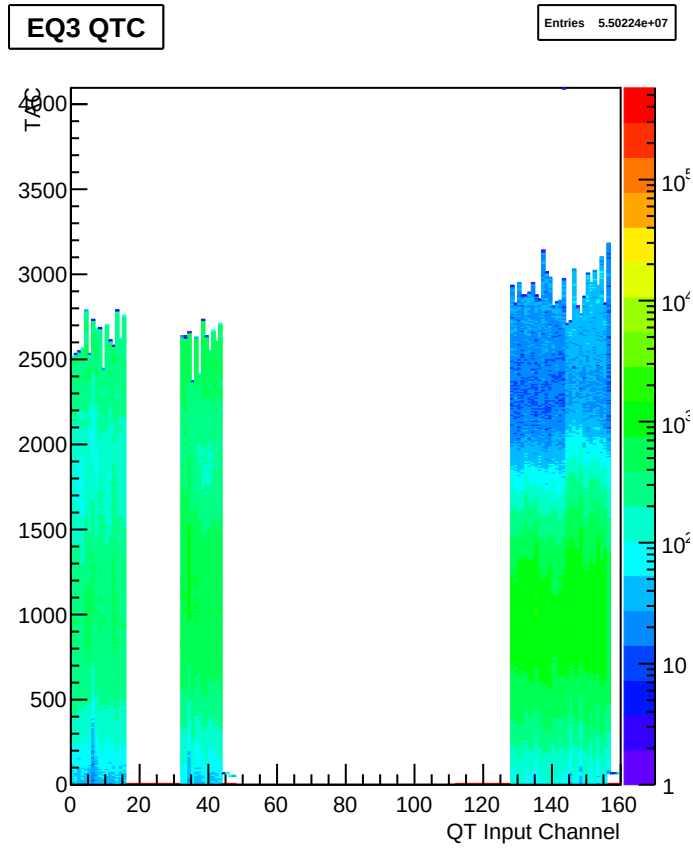

EQ2 QTC
Entries 5.50224e+07
ADC
QT Input Channel

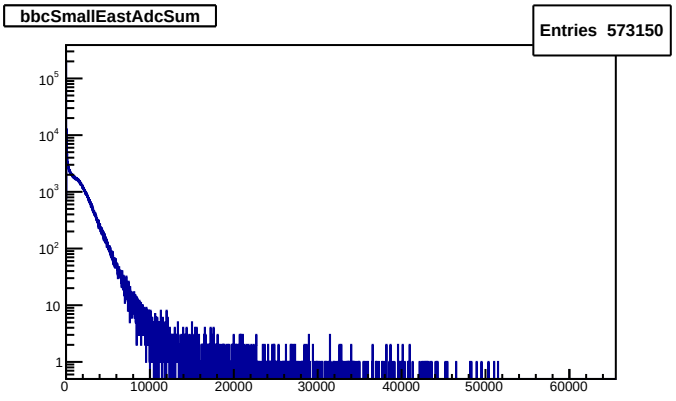

EQ2 QTC
Entries 5.50224e+07
TADC
QT Input Channel

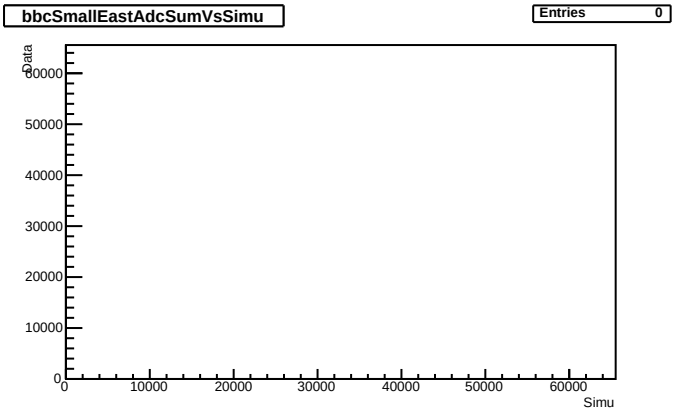

EQ3 QTB
Entries 1.467264e+08
ADC
QT Input Channel

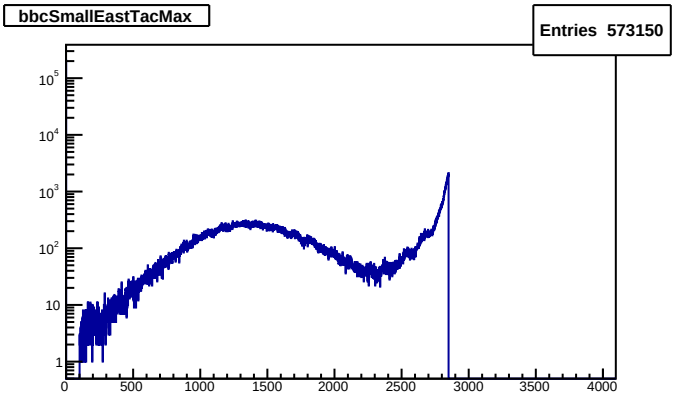

EQ3 QTB
Entries 4.539694e+07
TDC
QT Input Channel

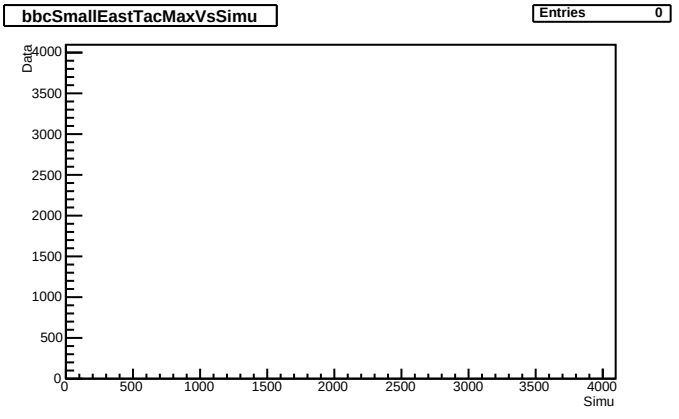

EQ3 QTC
Entries 5.50224e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.50224e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 573150


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 573150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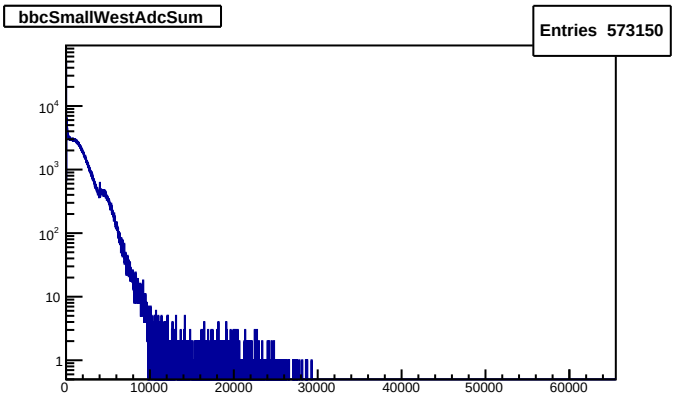
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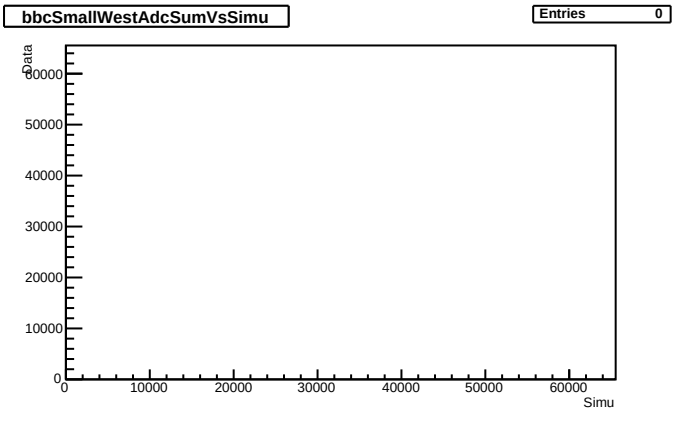
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Entries 0
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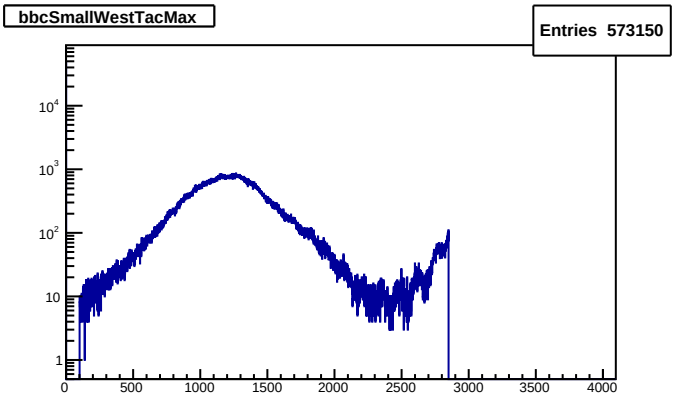
Simu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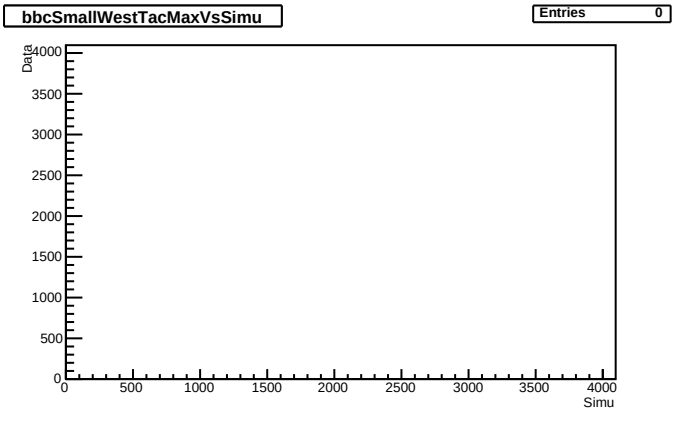
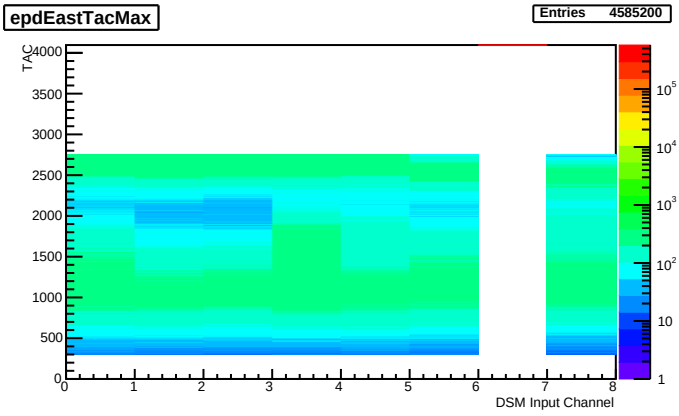
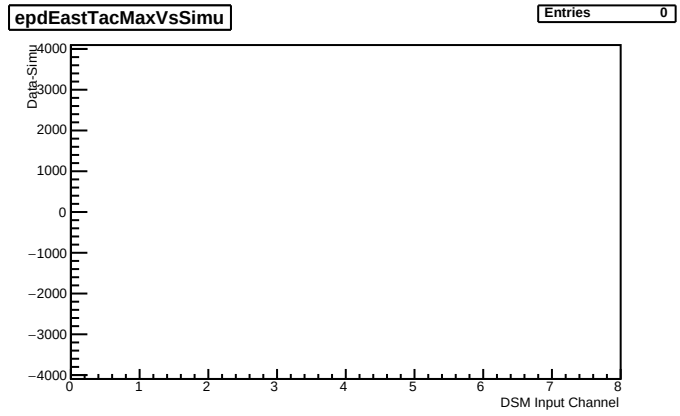
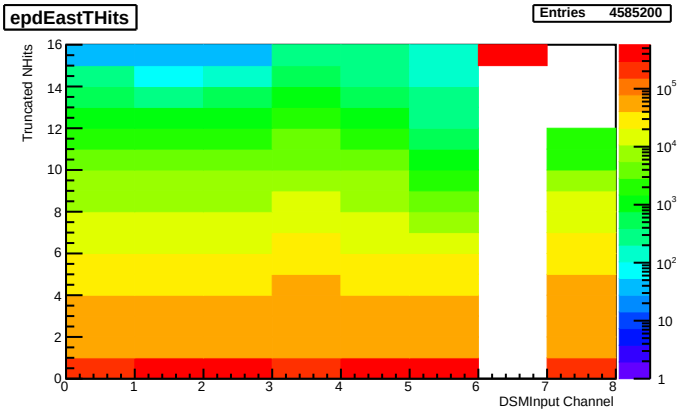

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 4585200
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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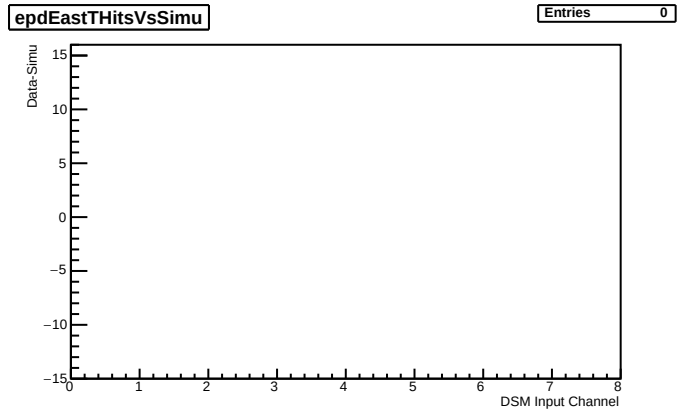
Entries 4585200
Truncated NHits
DSMInput Channel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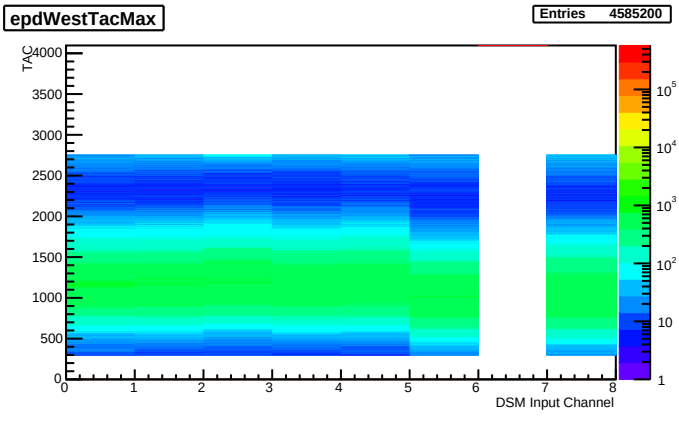
DSM Input Channel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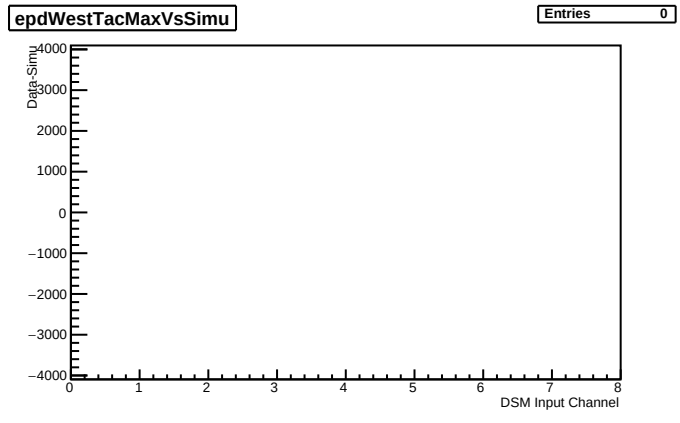
DSM Input Channel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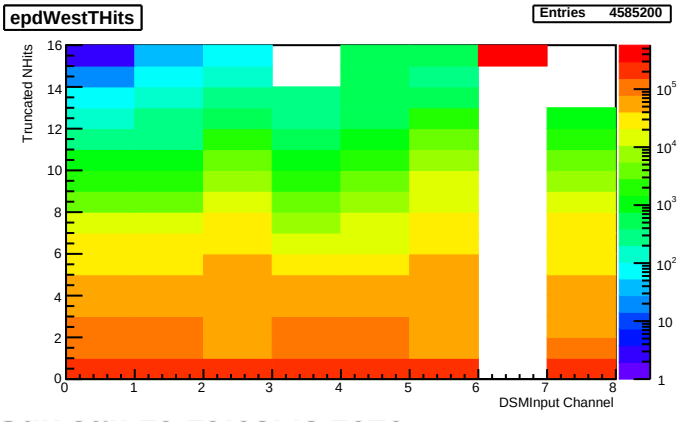
Entries 0
Data-Simu
DSM Input Channel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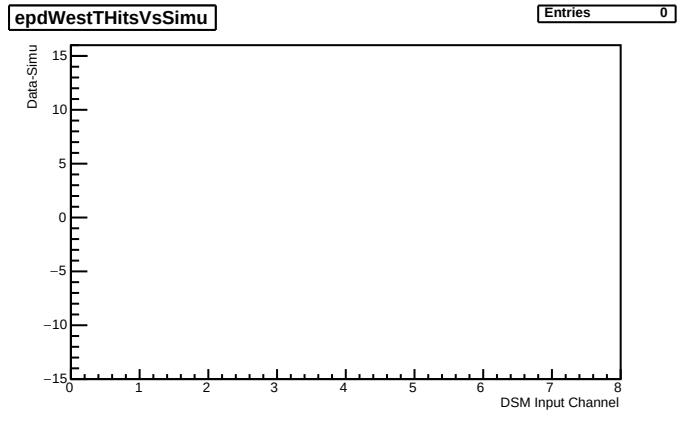
Entries 4585200
Truncated NHits
DSMInput Channel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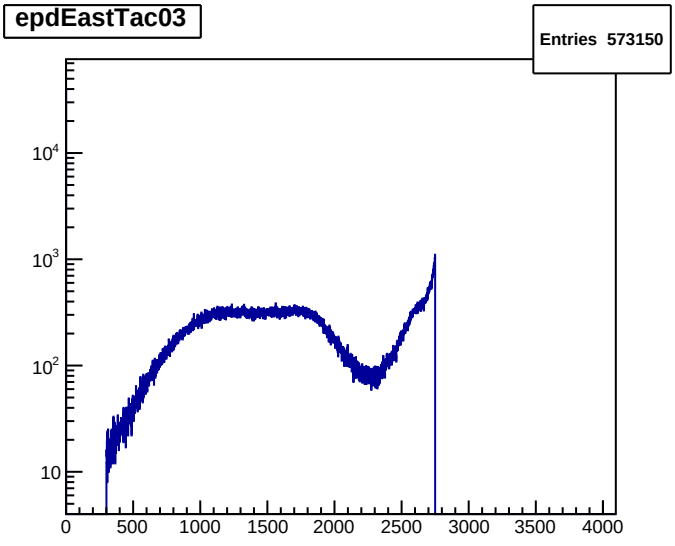
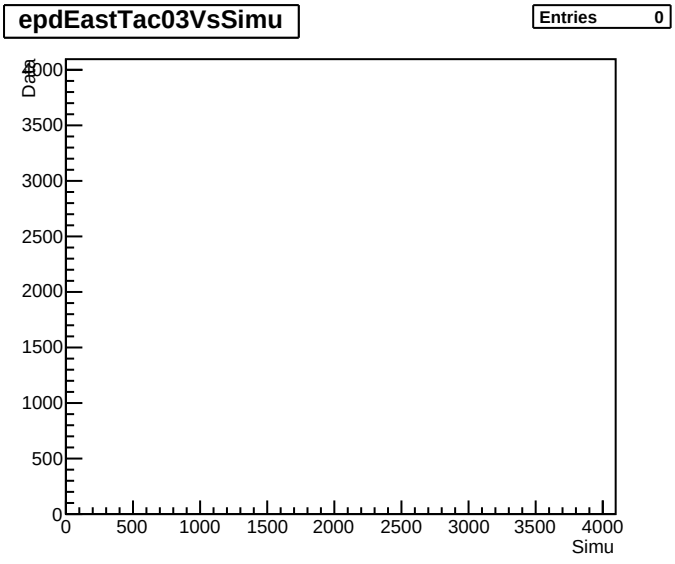
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 573150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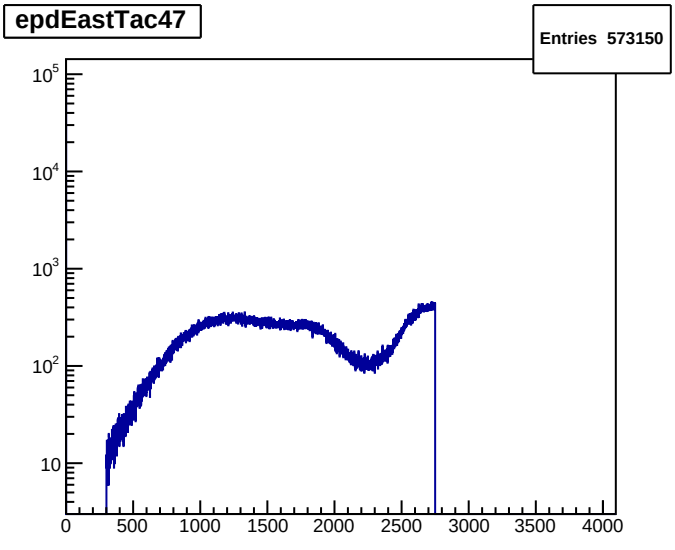
Entries 0
Data
Simu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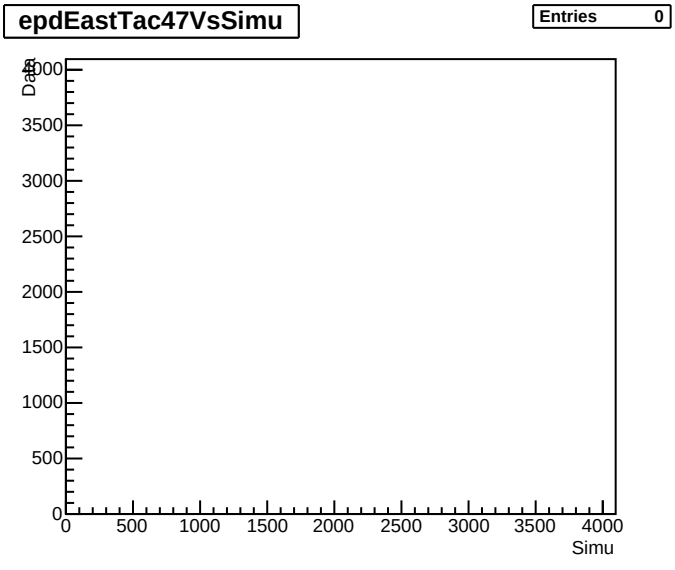
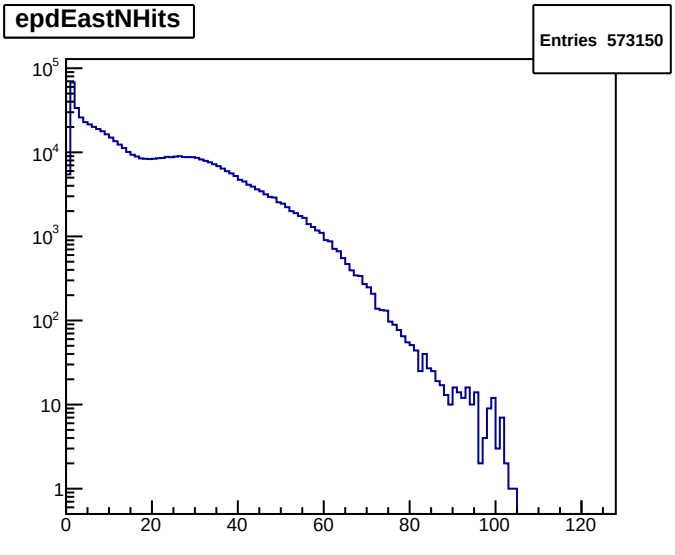

epdEastTac47VsSimu
Entries 0
Data
Simu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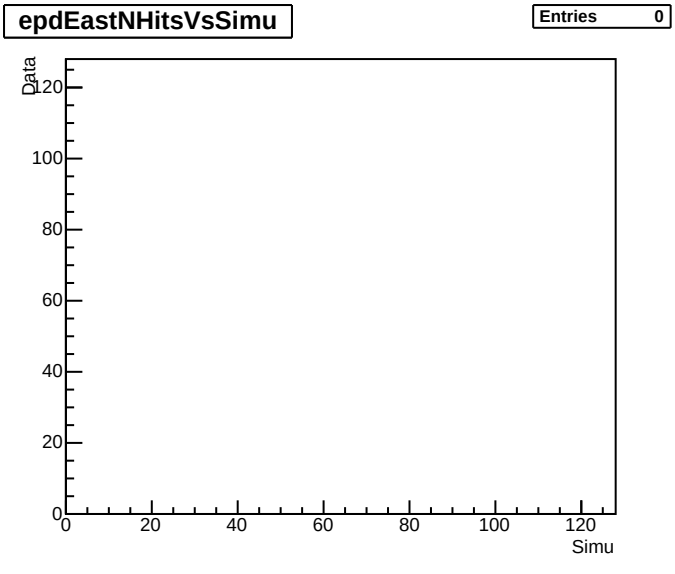
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Entries 0
Data
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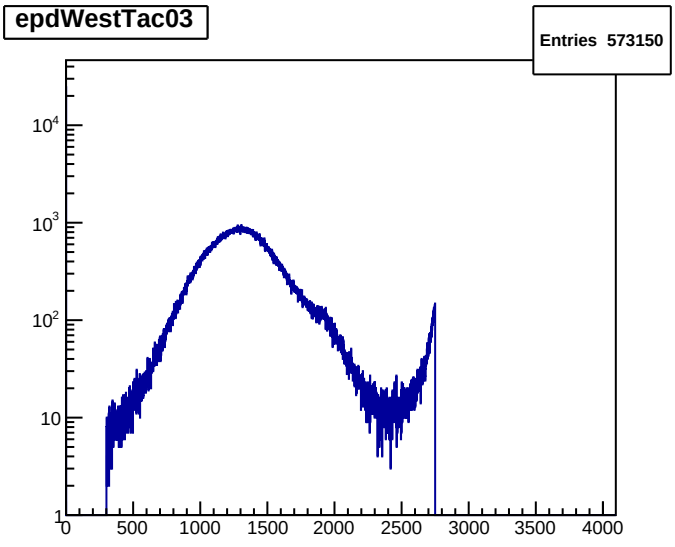
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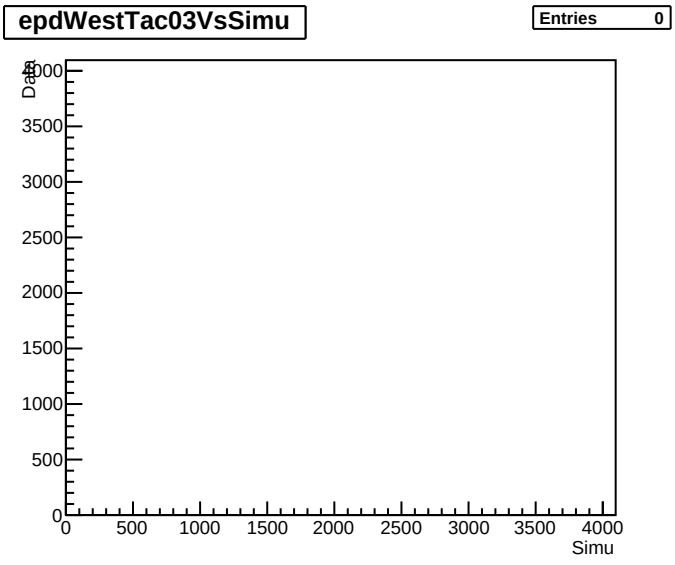
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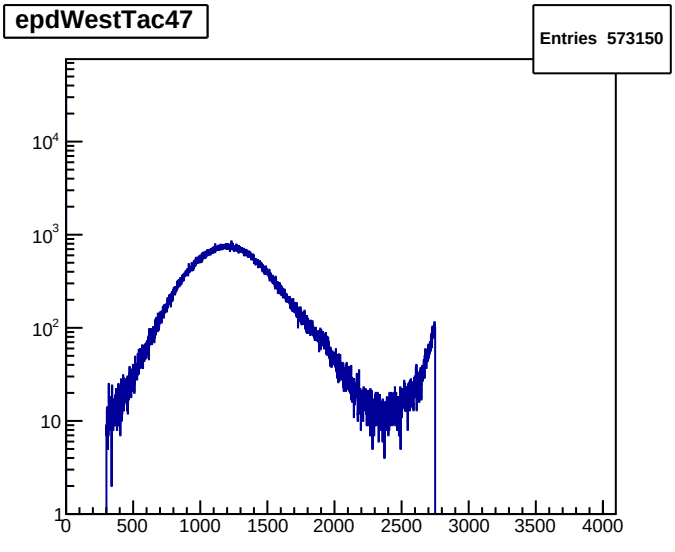
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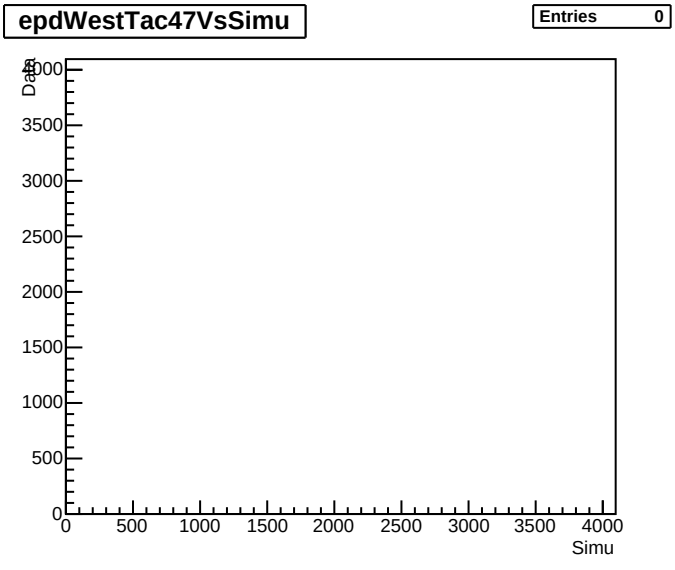
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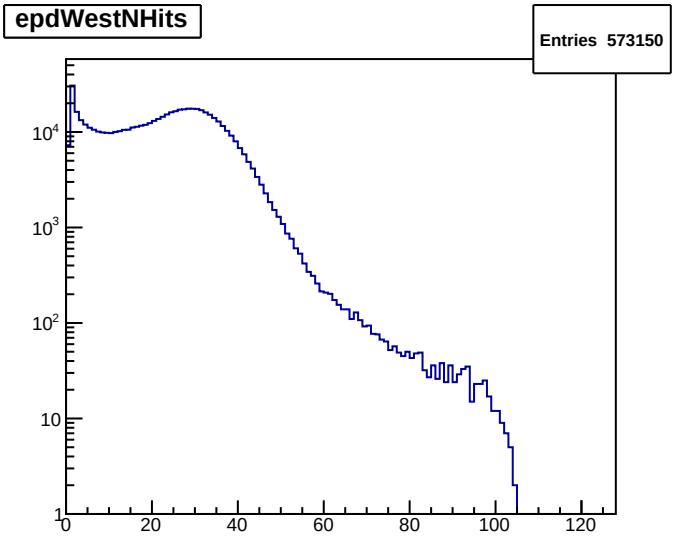
Entries 0
Data
Simu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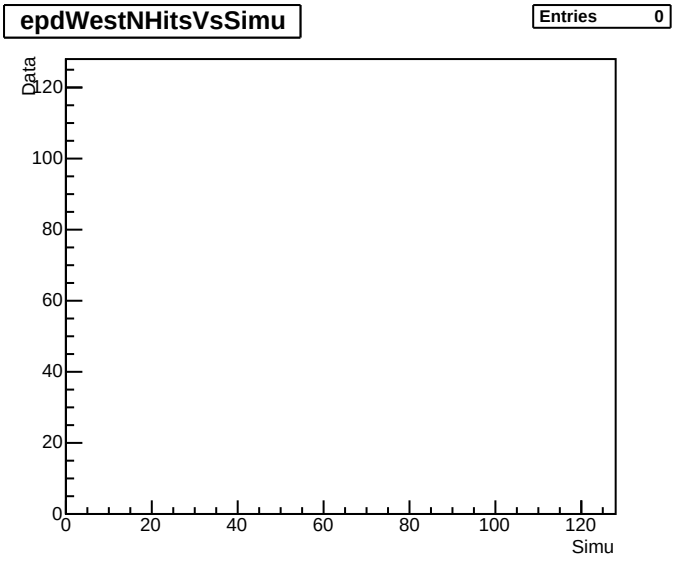
Entries 573150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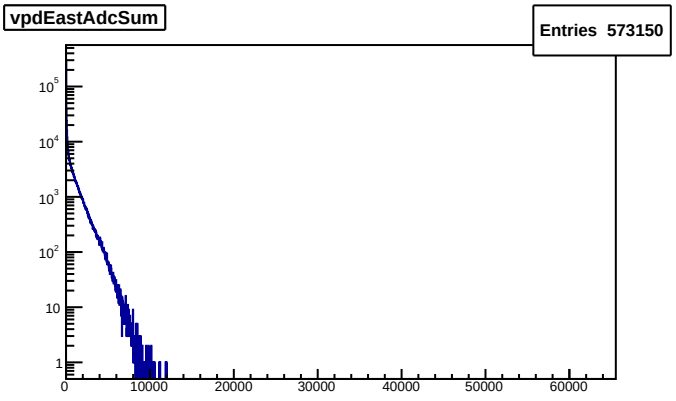
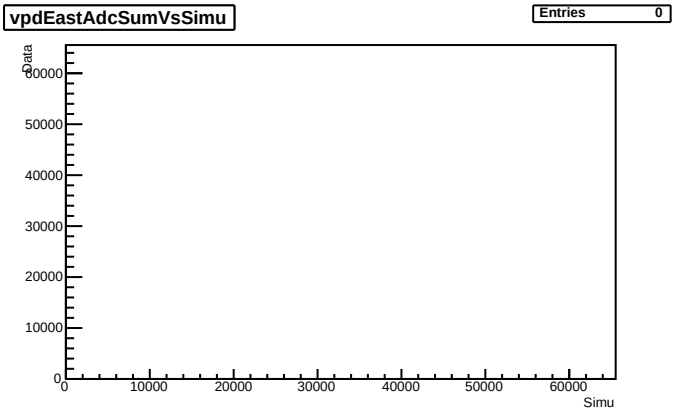
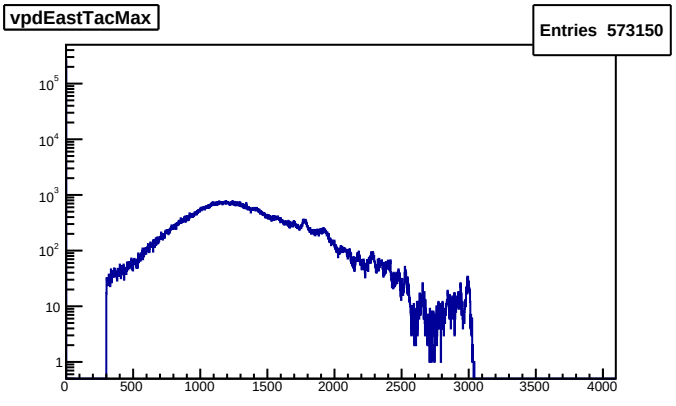
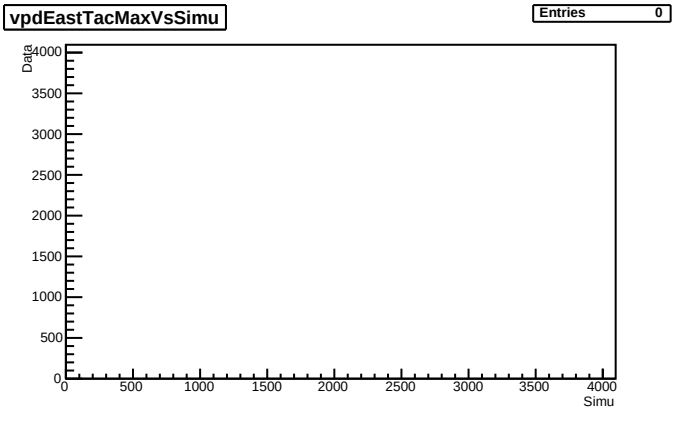
Entries 0
Data
Simu


vpdEastAdcSum
Entries 573150


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 573150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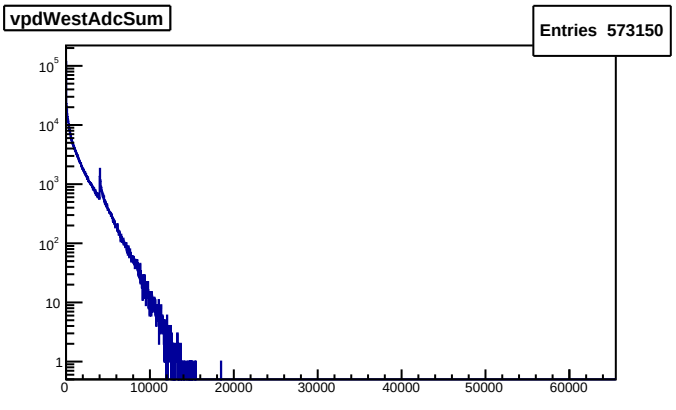
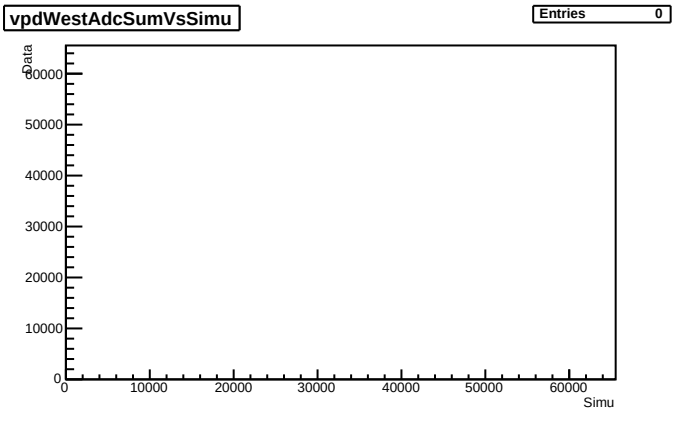
Entries 0
Data
Simu


vpdWestAdcSum
Entries 573150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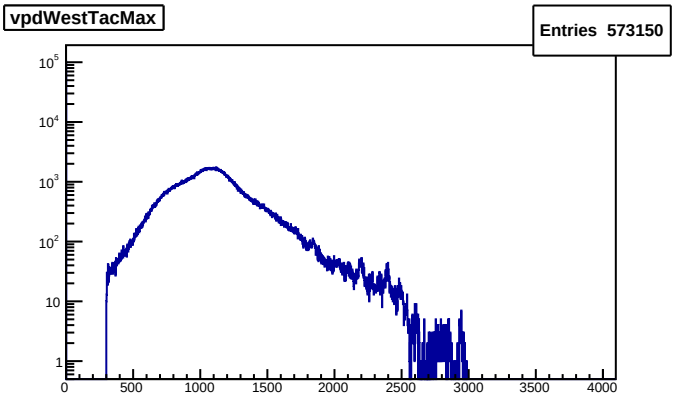
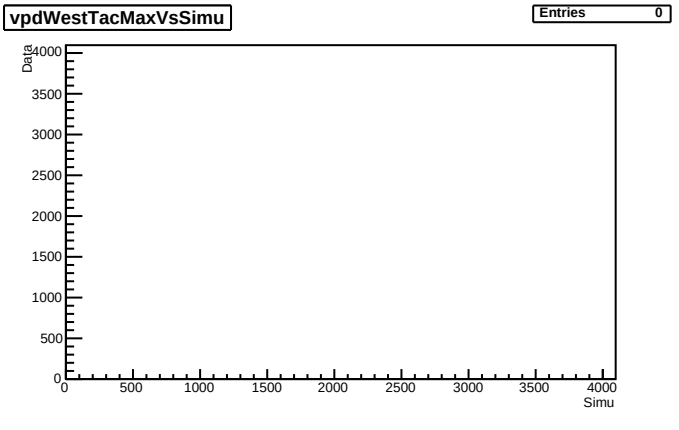
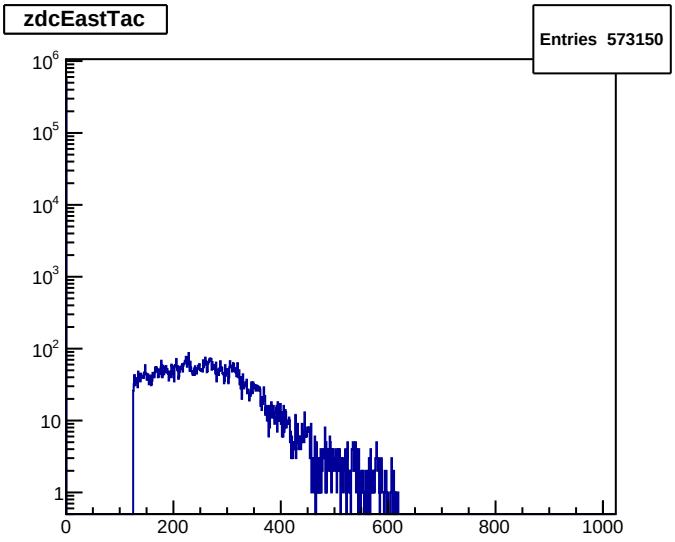
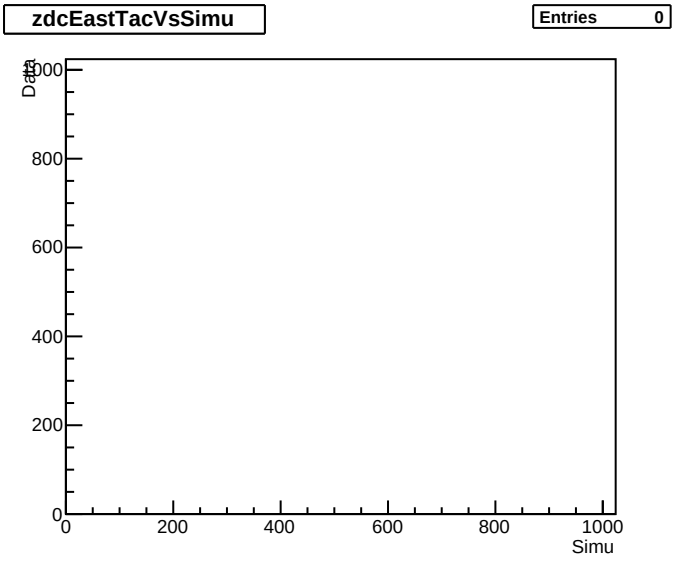
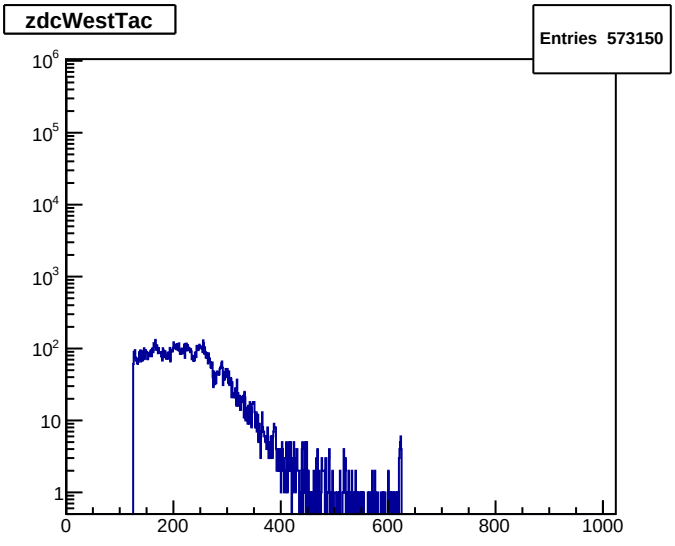
Entries 0
Data
Simu

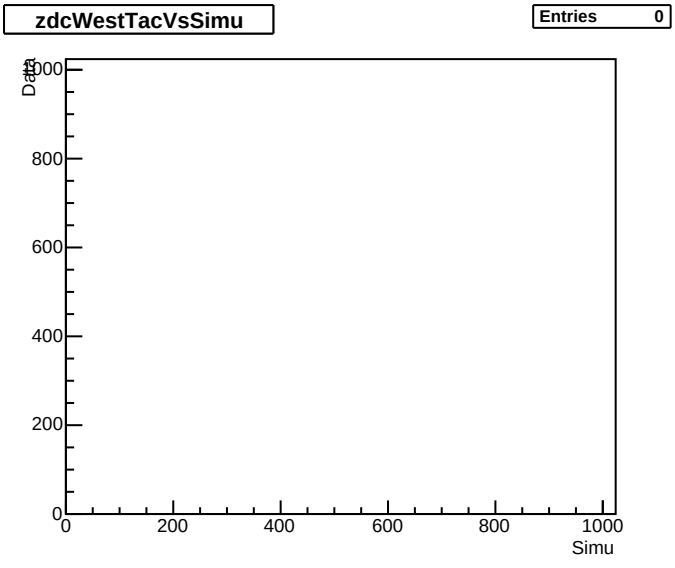

vpdWestTacMax
Entries 573150

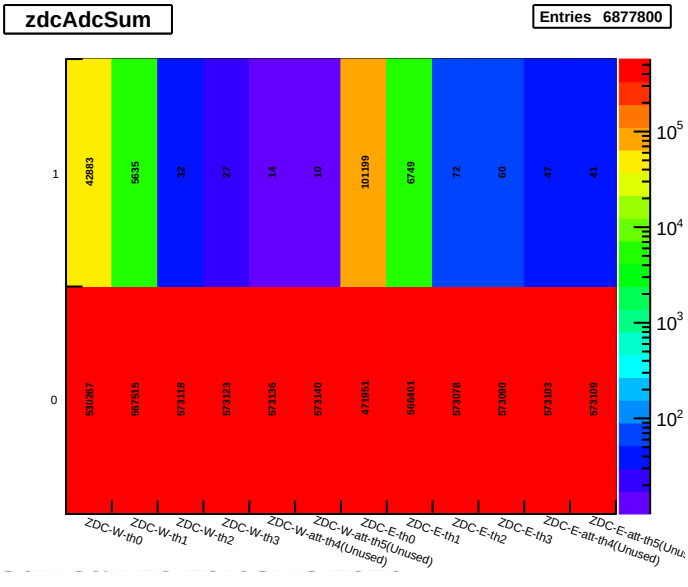

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 573150


zdcEastTacVsSimu
Entries 0
Data
Simu


zdcWestTac
Entries 573150


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 6877800
42883
5635
32
27
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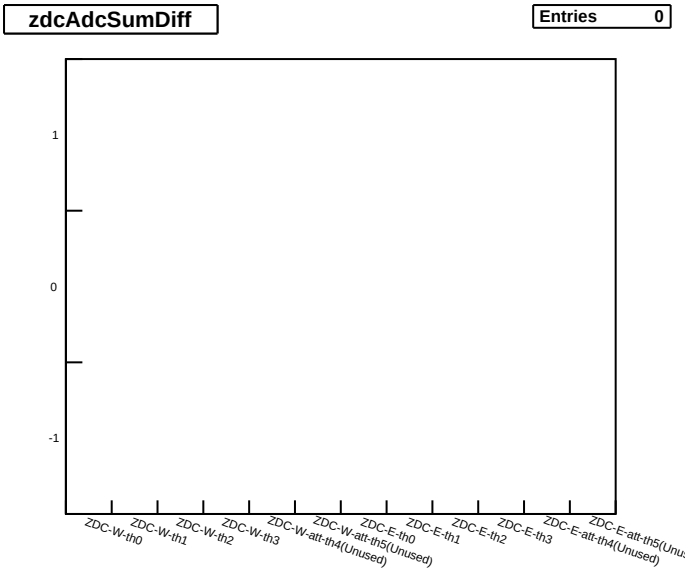
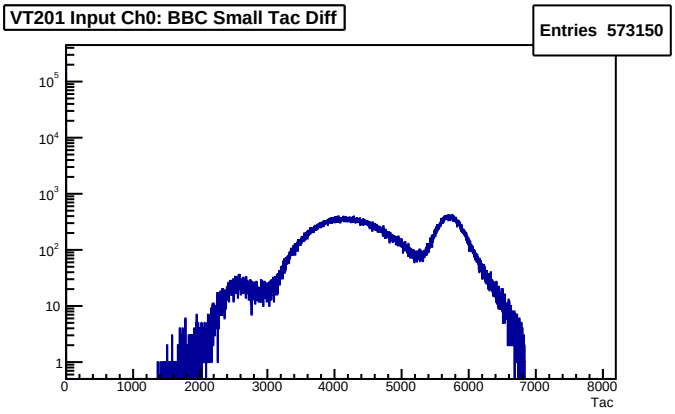
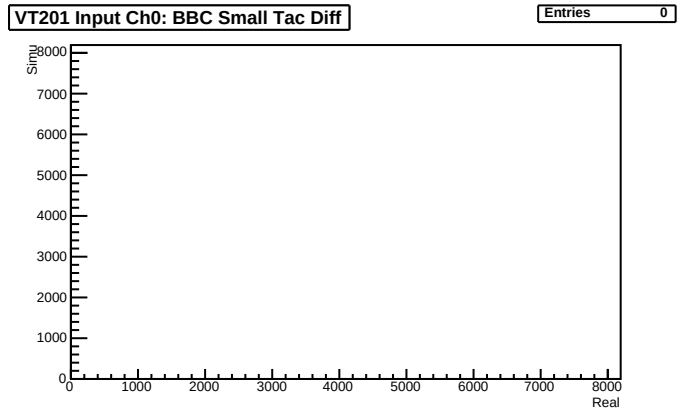
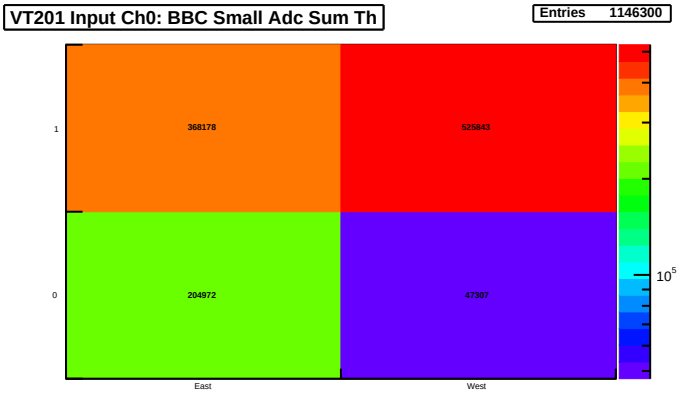
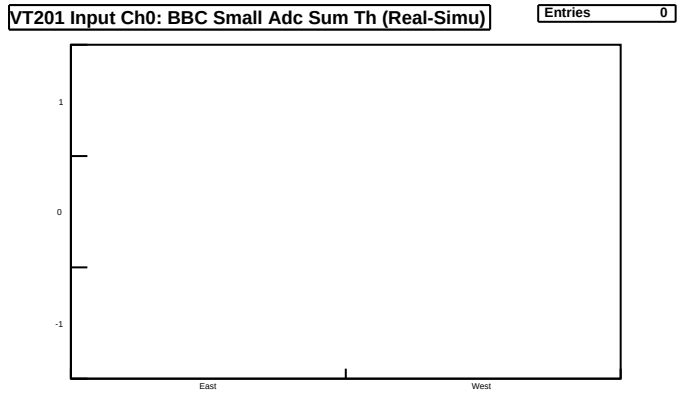
10
101199
6749
72
60
47
41
530287
567515
573118
573123
573136
573140
471951
566401
573078
573090
573103
573109
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

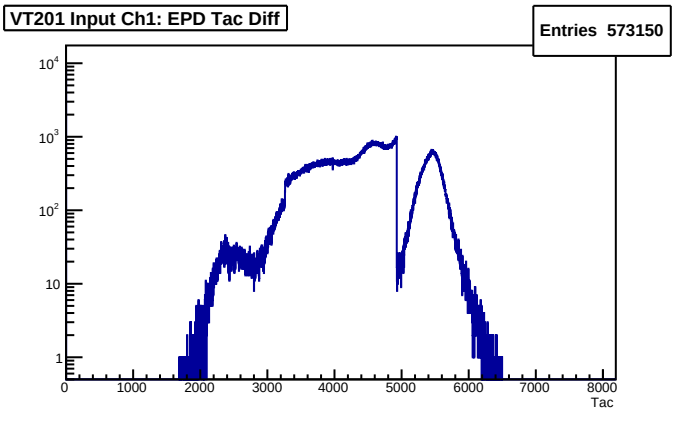

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

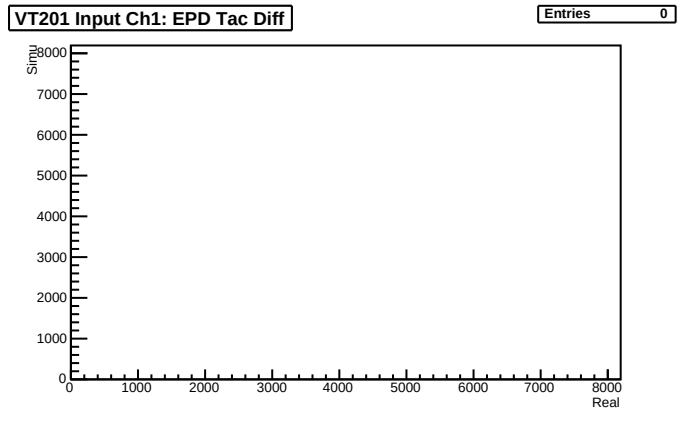

VT201 Input Ch0: BBC Small Tac Diff
Entries 573150
Tac

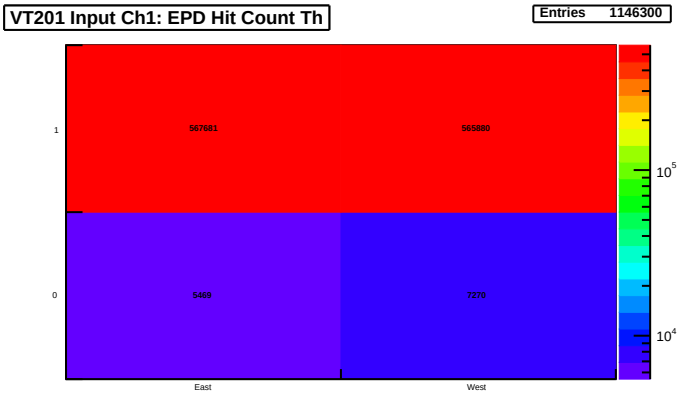

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

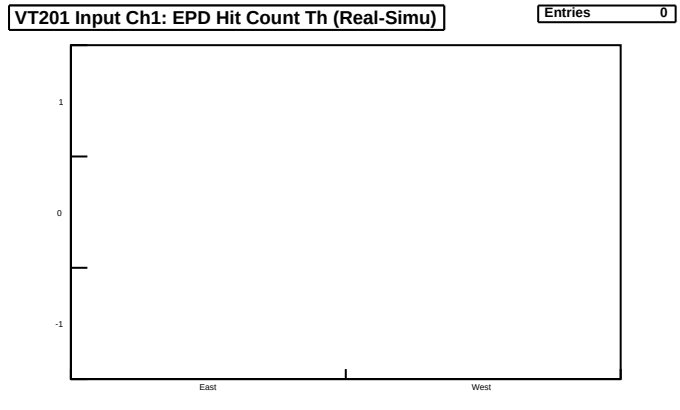

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1146300
368178
525843
204972
47307
East
West

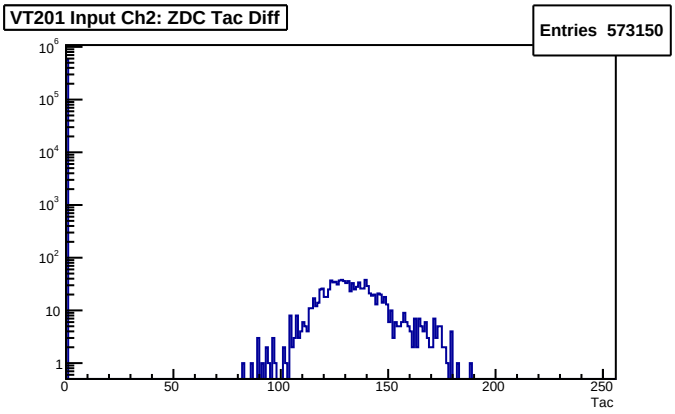

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

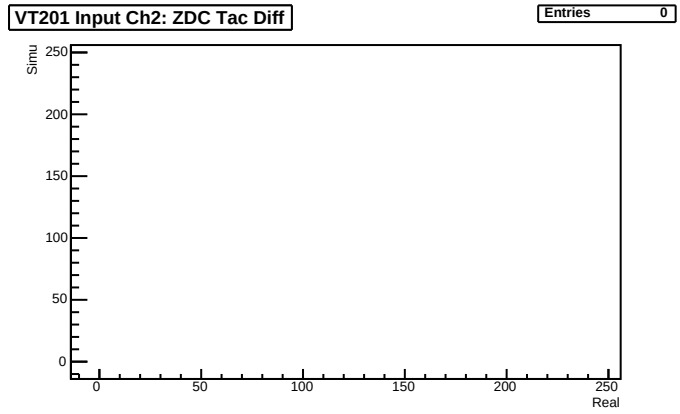

VT201 Input Ch1: EPD Tac Diff
Entries 573150
Tac

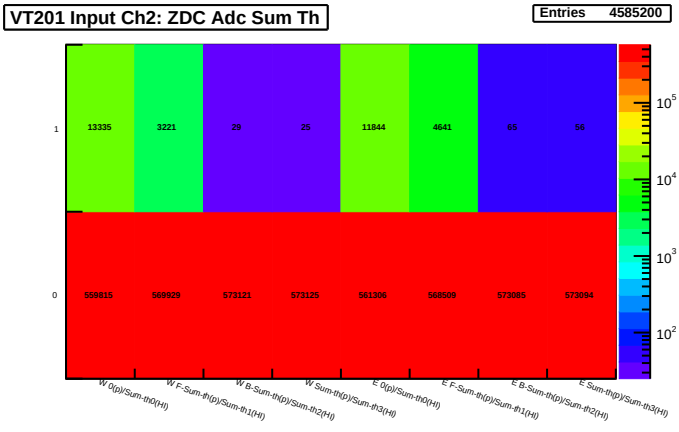

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

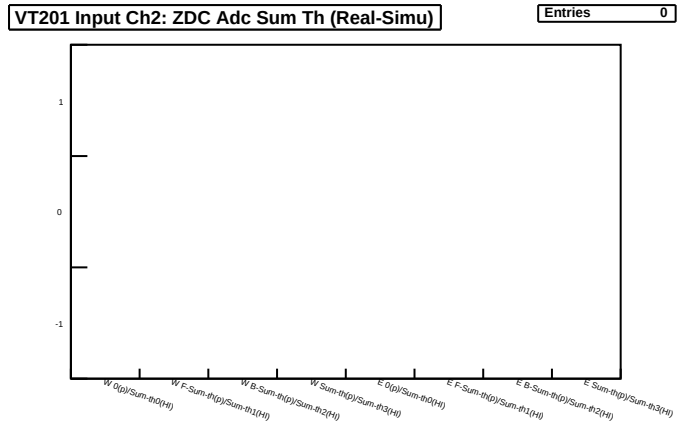

VT201 Input Ch1: EPD Hit Count Th
Entries 1146300
567681
565880
5469
7270
East
West

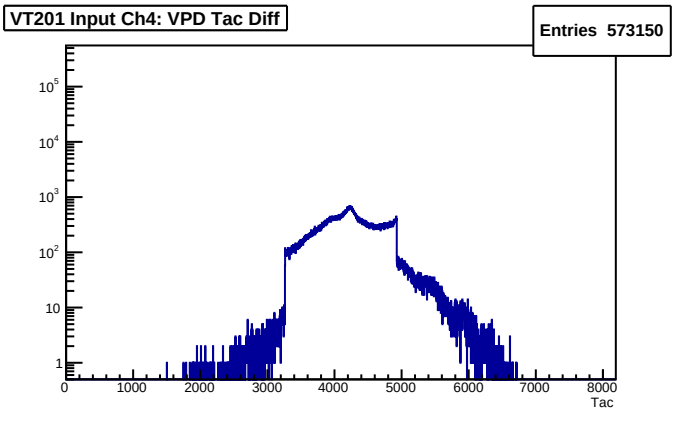

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

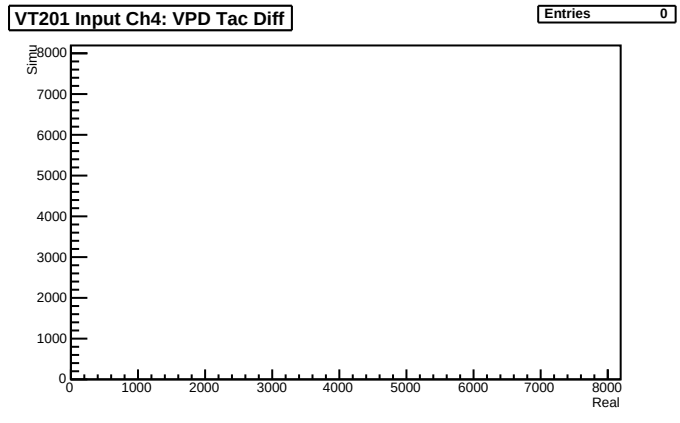

VT201 Input Ch2: ZDC Tac Diff
Entries 573150
Tac

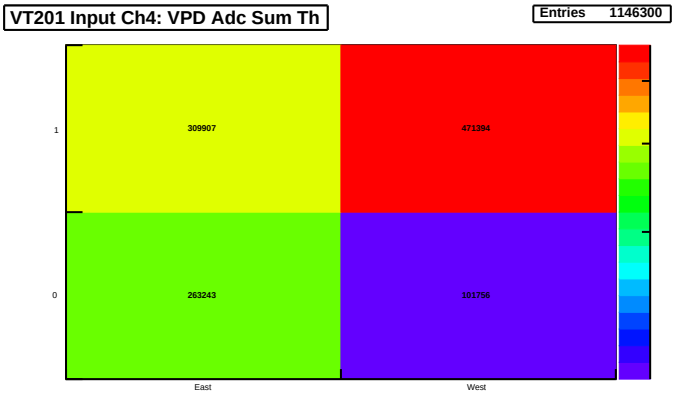

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

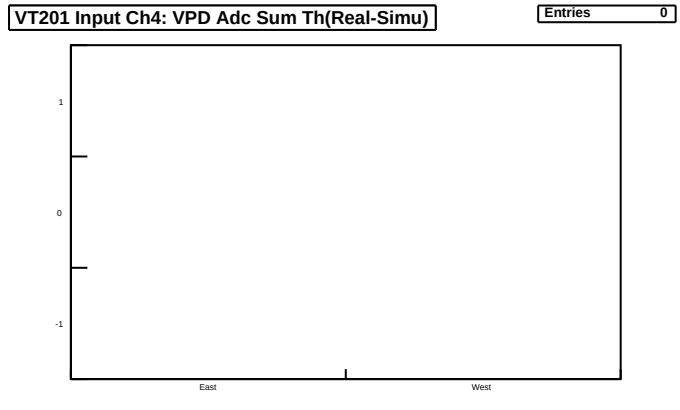

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4585200
13335
3221
29
25
11844
4641
65
56
559815
569929
573121
573125
561306
568509
573085
573094
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

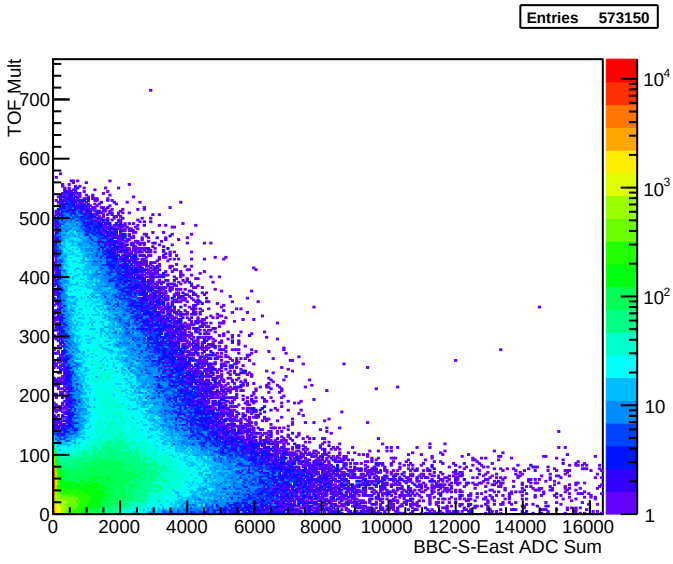

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

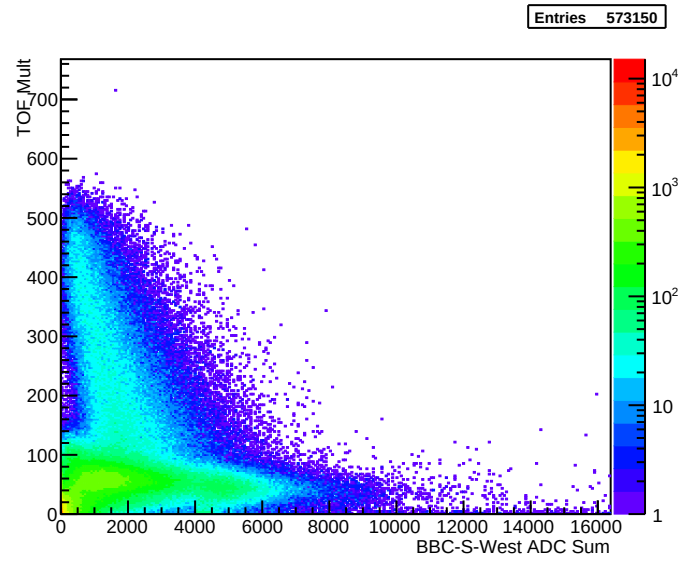

VT201 Input Ch4: VPD Tac Diff
Entries 573150
Tac

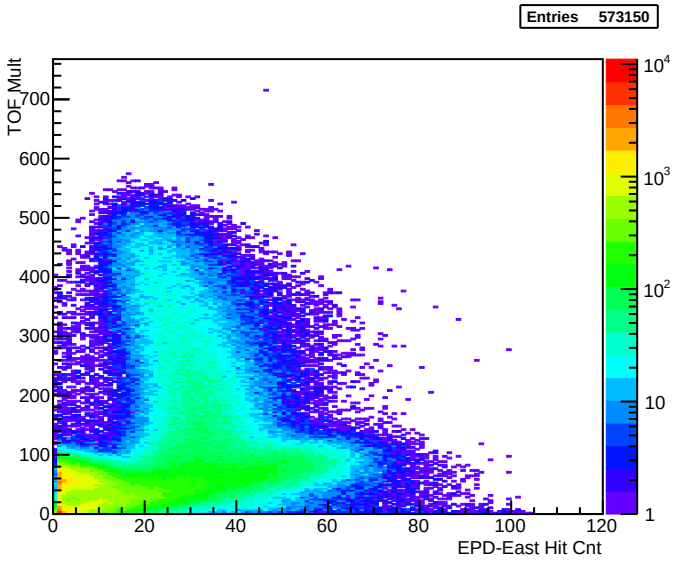

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

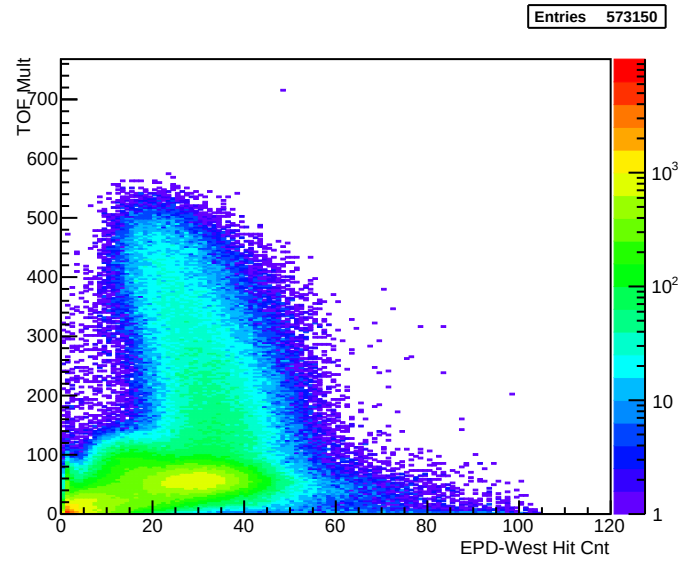

VT201 Input Ch4: VPD Adc Sum Th
Entries 1146300
309907
471394
263243
101756
East
West

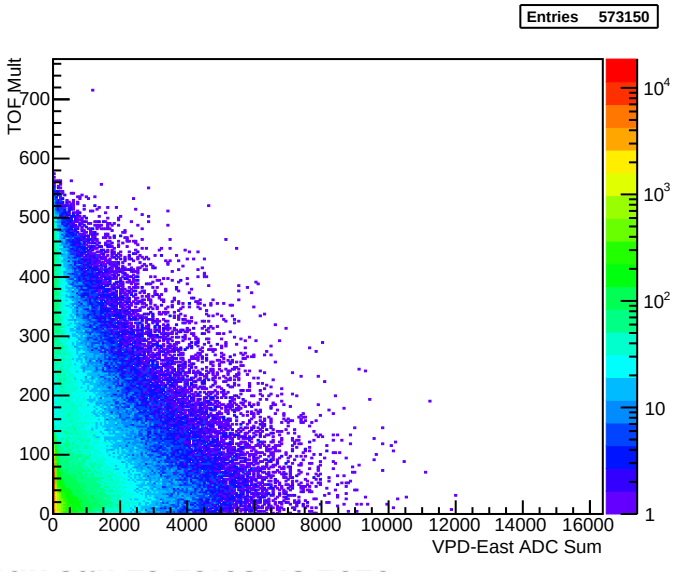

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

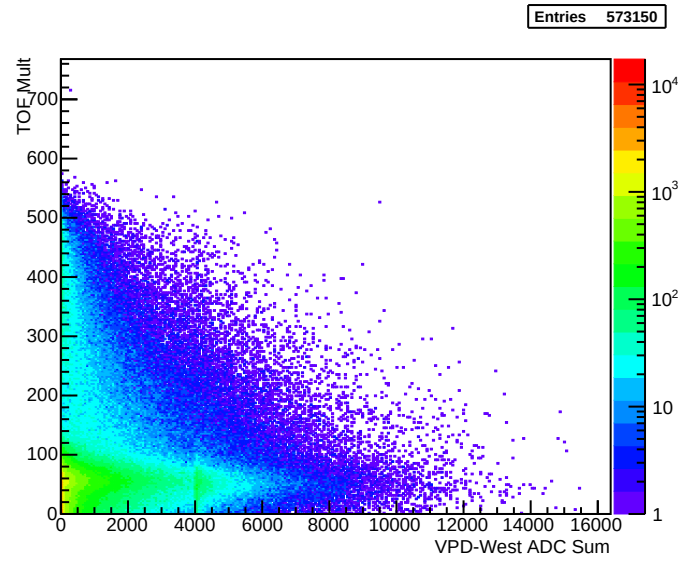

Entries 573150
TOF_Mult
BBC-S-East ADC Sum

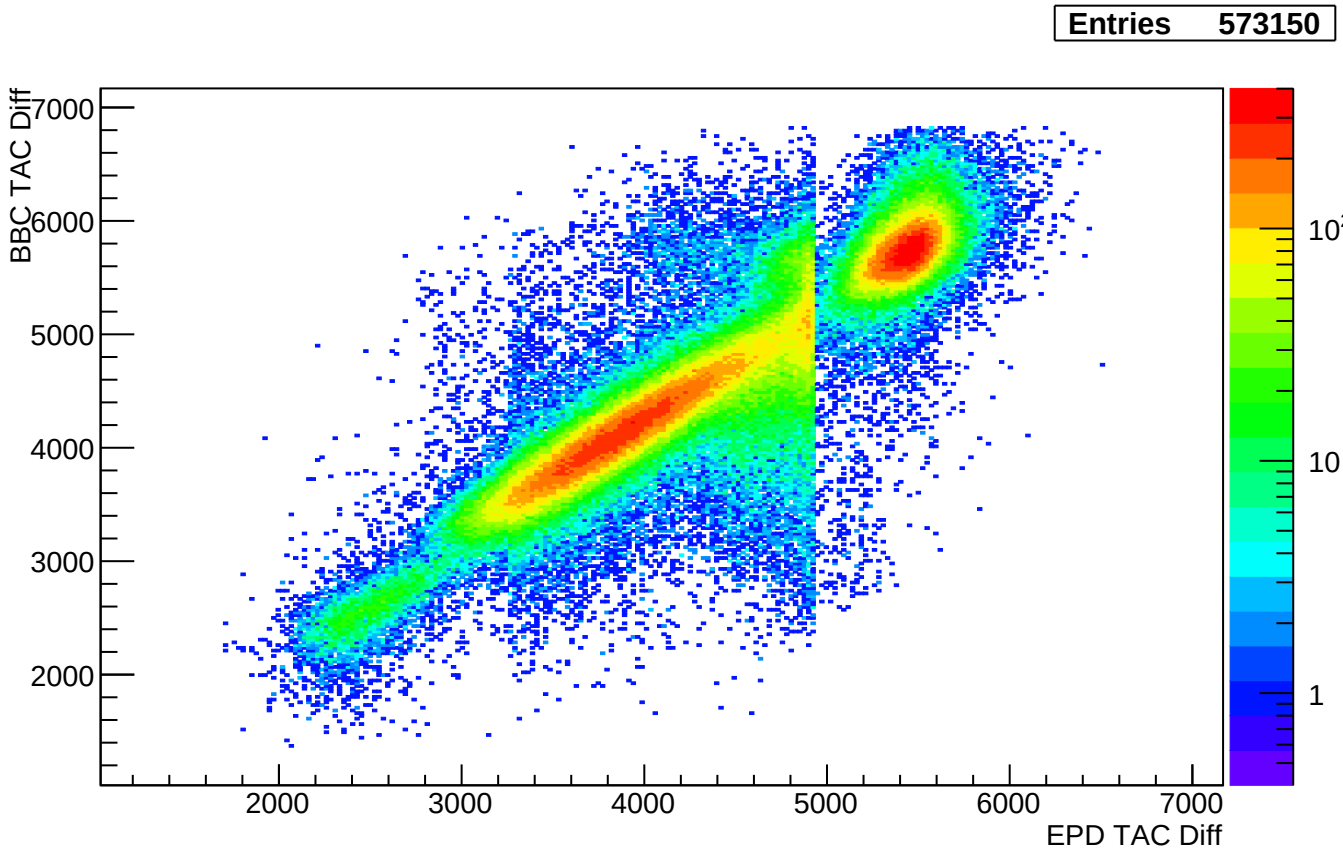

Entries 573150
TOF_Mult
BBC-S-West ADC Sum

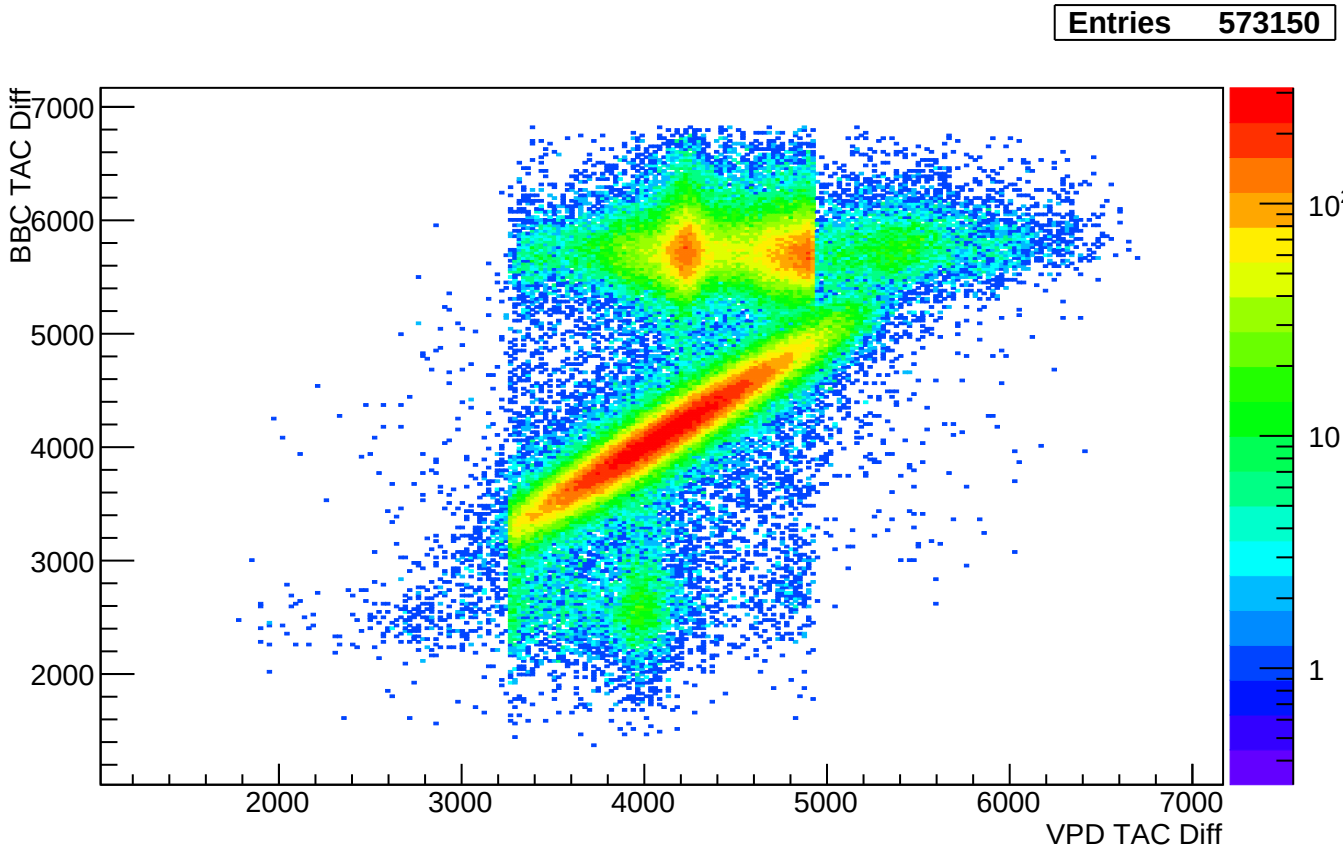

Entries 573150
TOF_Mult
EPD-East Hit Cnt

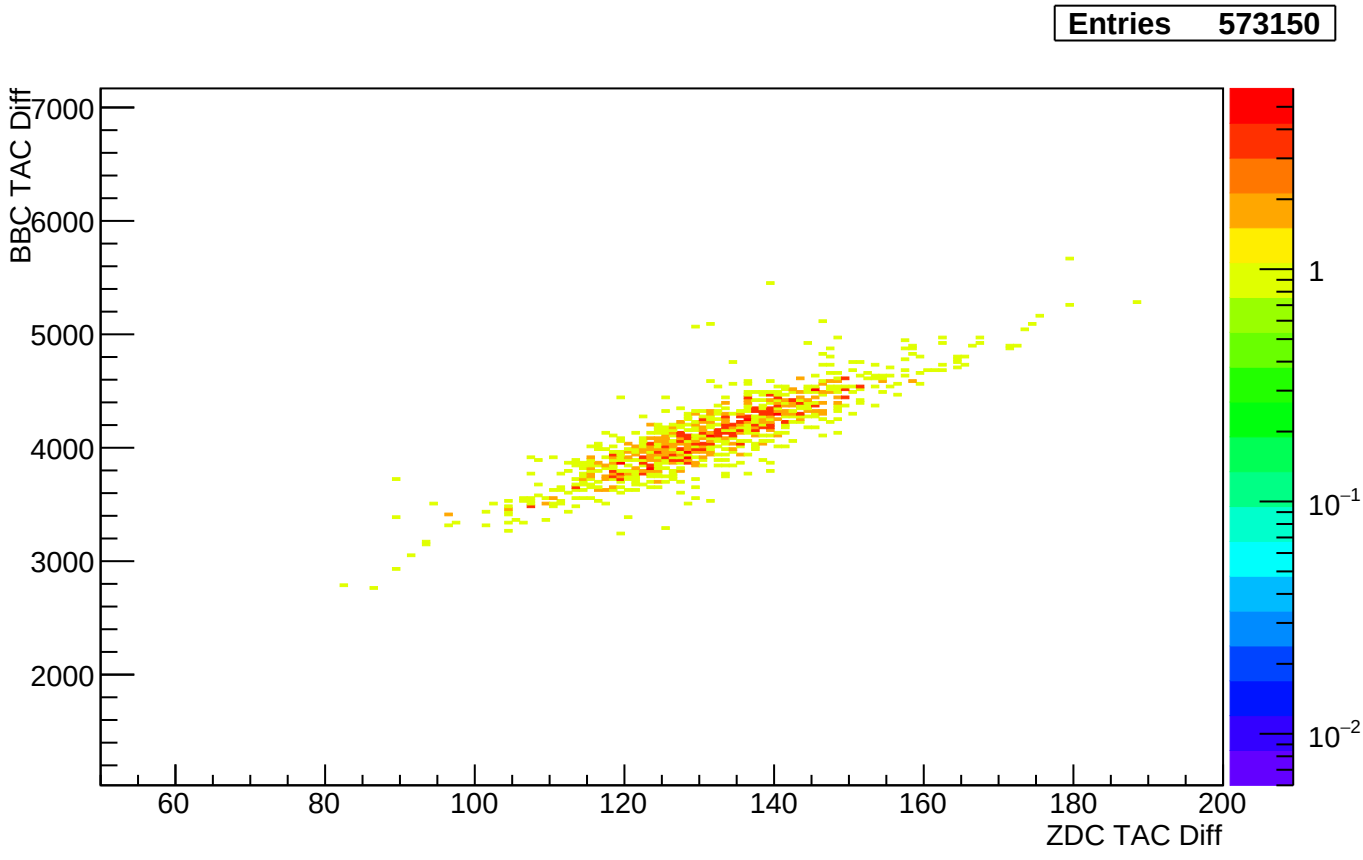

Entries 573150
TOF_Mult
EPD-West Hit Cnt

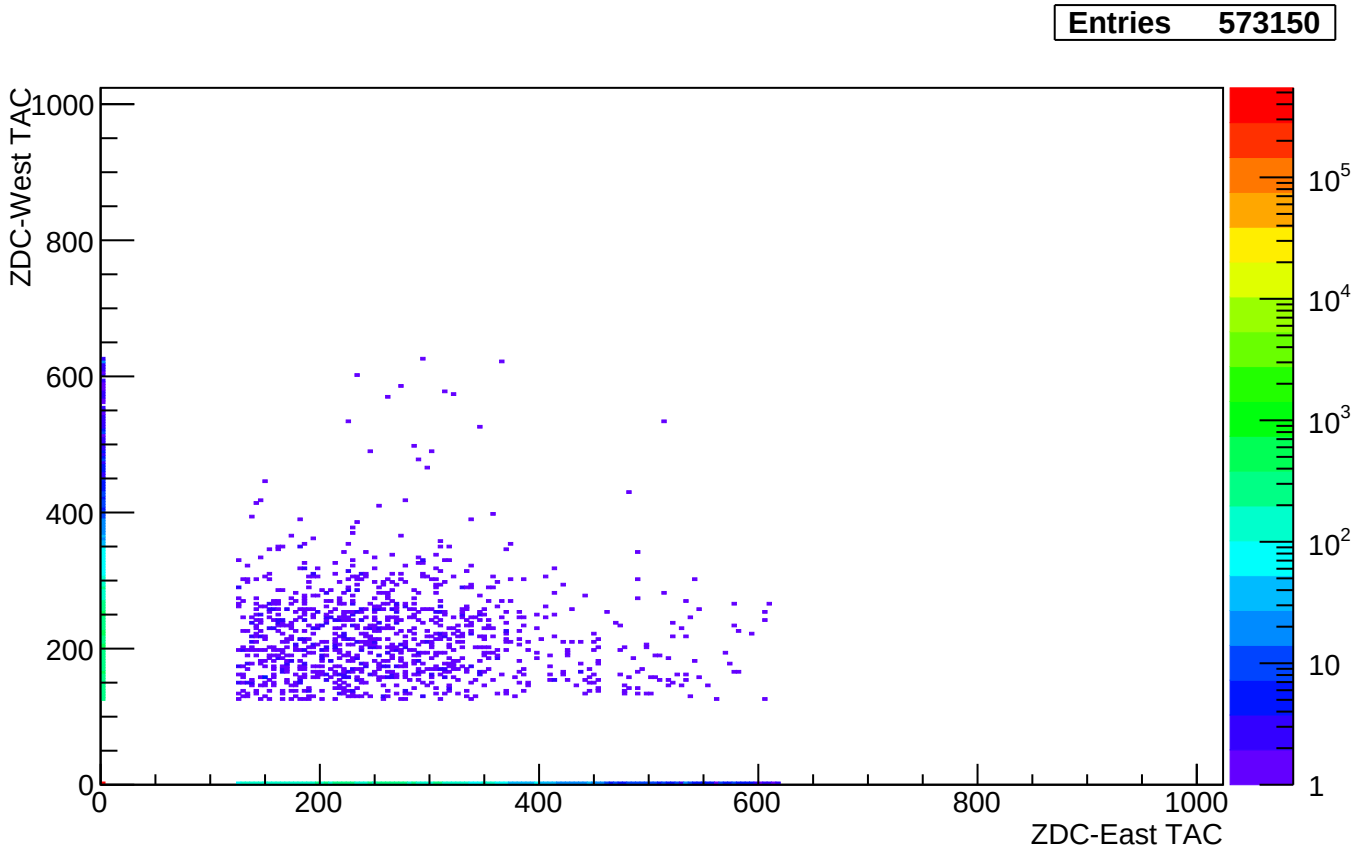

Entries 573150
TOF_Mult
VPD-East ADC Sum

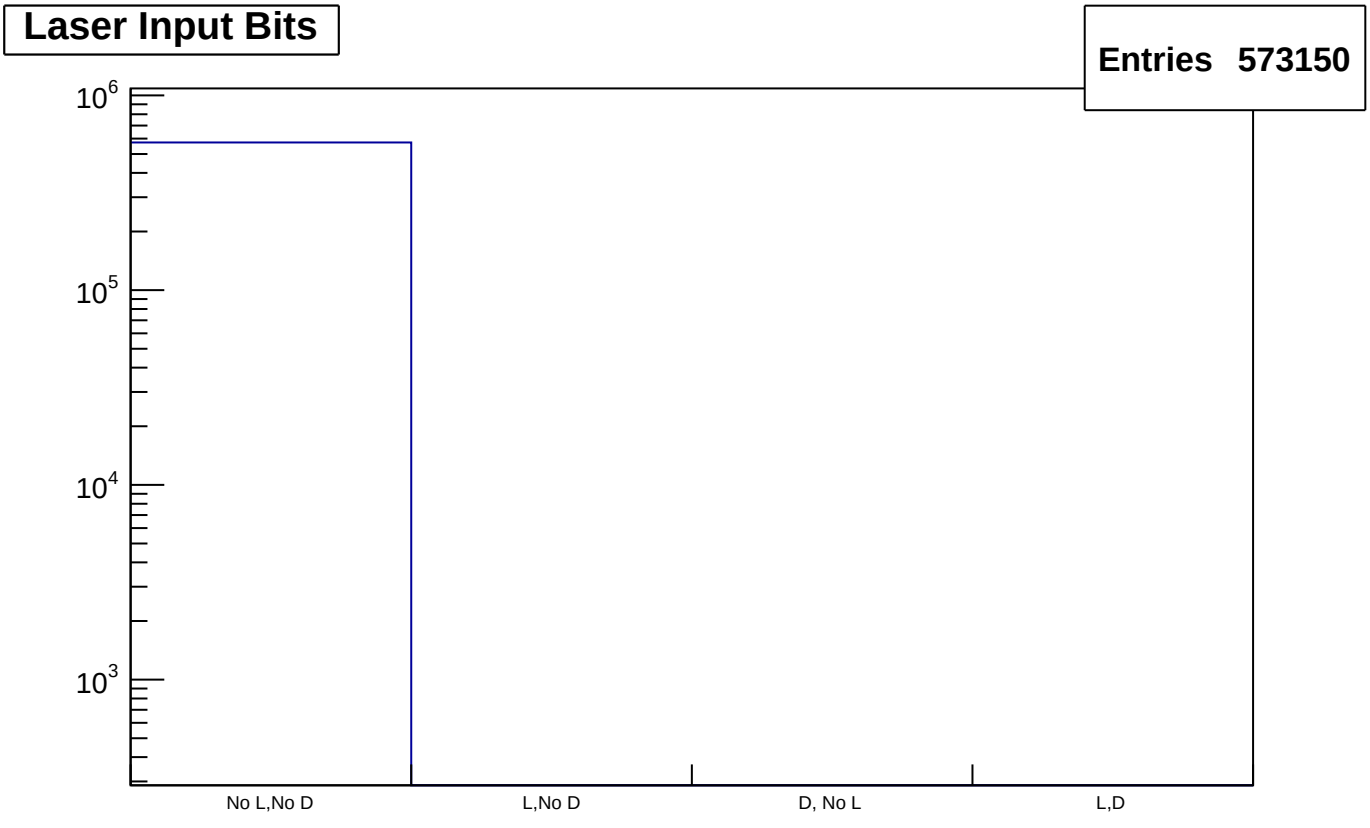

Entries 573150
TOF_Mult
VPD-West ADC Sum

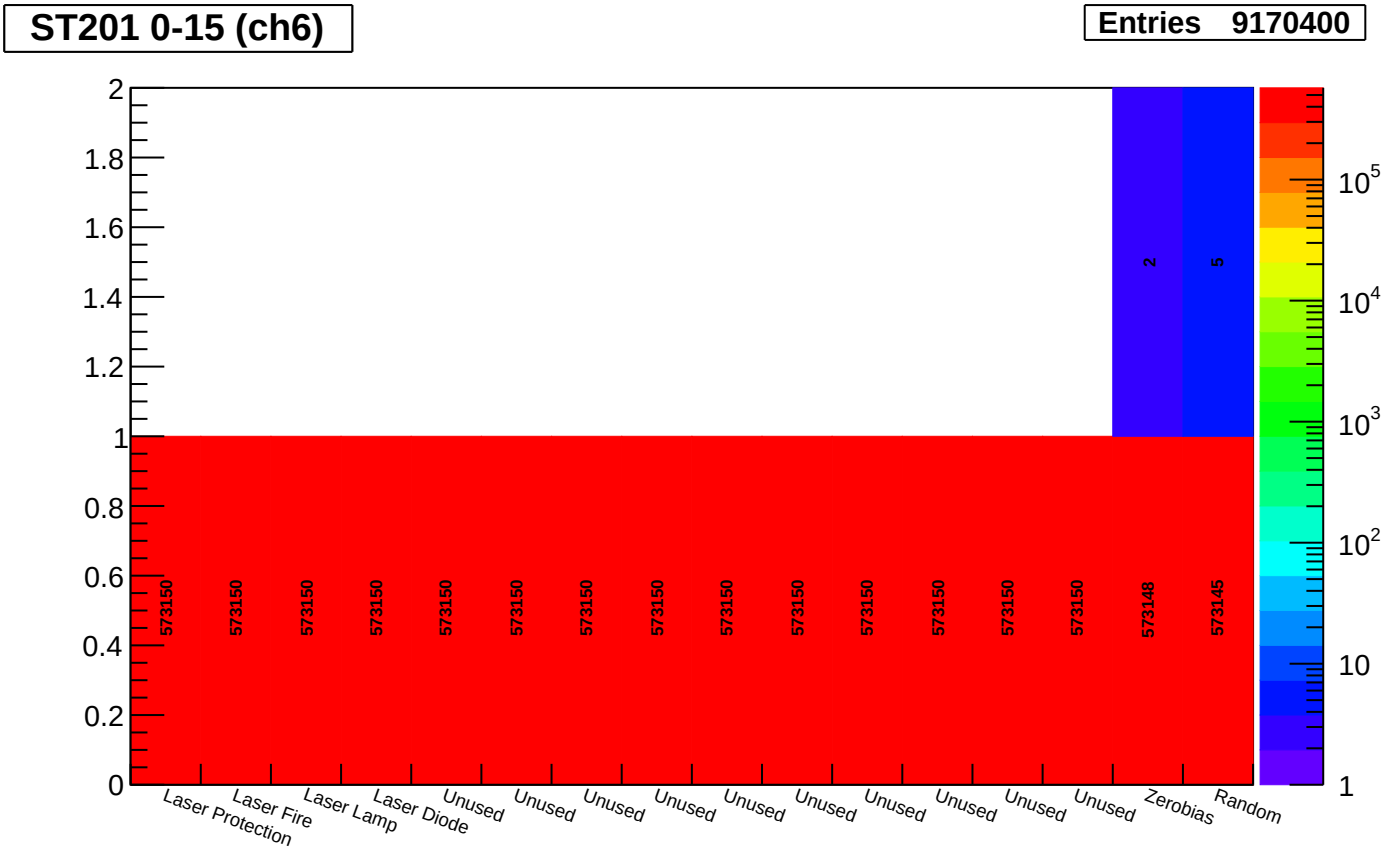

Entries 573150
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

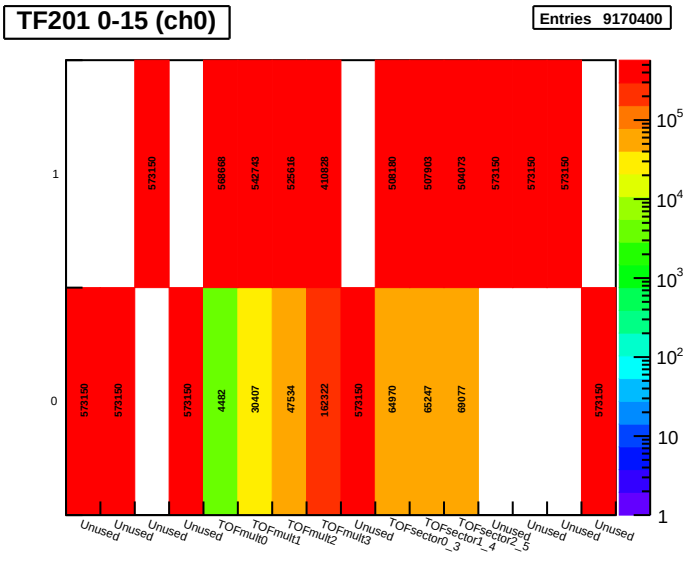

Entries 573150
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

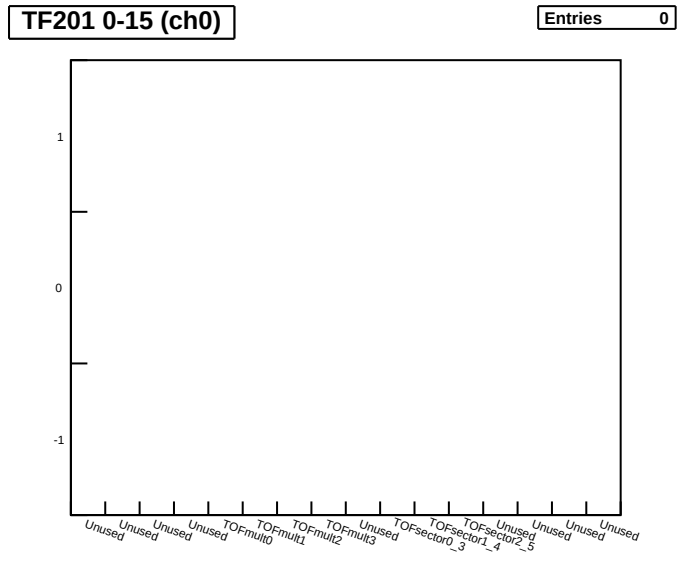

Entries 573150
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

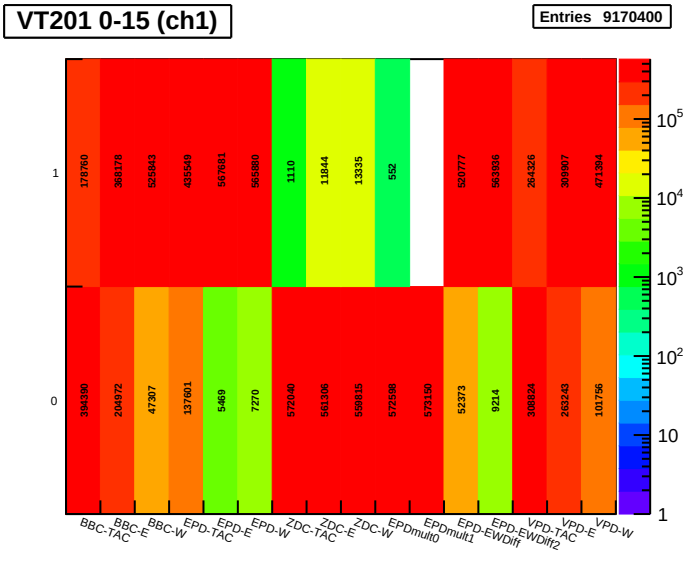

Entries 573150
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

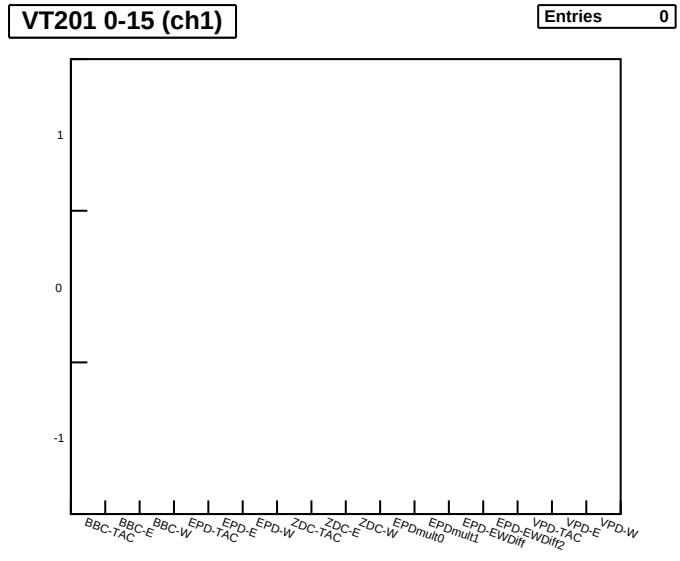

Laser Input Bits
Entries 573150
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

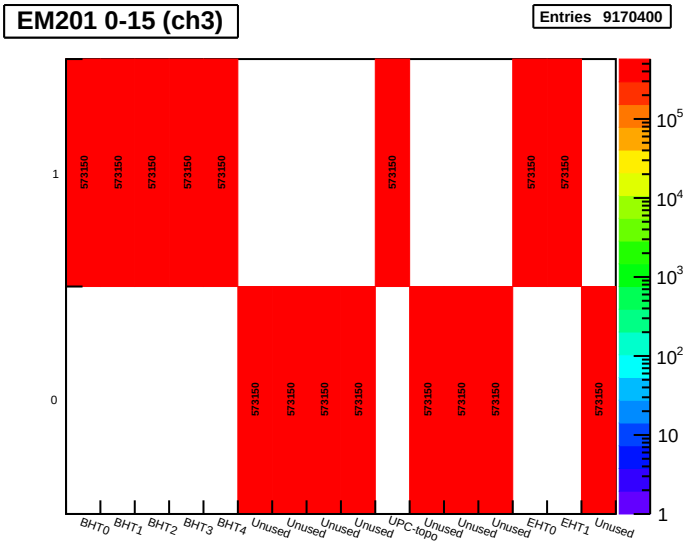

ST201 0-15 (ch6)
Entries 9170400
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
573150
573150
573150
573150
573150
573150
573150
573150
573150
573150
573150
573150
573150
573150
573148
573145
2
5
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

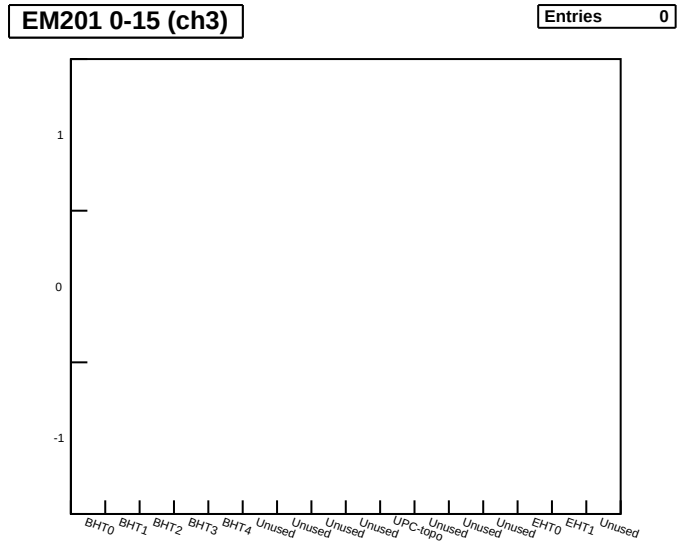

TF201 0-15 (ch0)
Entries 9170400
1
0
573150
508668
542743
525616
410828
508180
507903
504073
573150
573150
573150
573150
573150
4482
30407
47534
162322
573150
64970
65247
69077
573150
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 9170400
1
0
178760
368178
525843
435549
567681
565880
1110
11844
13335
552
520777
563956
264326
309907
471384
394390
204972
47307
137601
5469
7270
572040
561306
559815
572598
573150
52373
9214
308824
263243
101756
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 9170400
1
0
573150
573150
573150
573150
573150
573150
573150
573150
573150
573150
573150
573150
573150
573150
573150
573150
573150
573150
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
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
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused