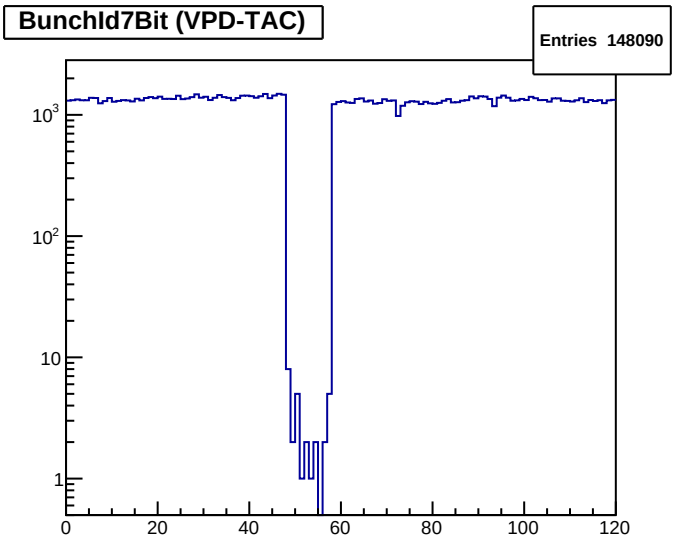
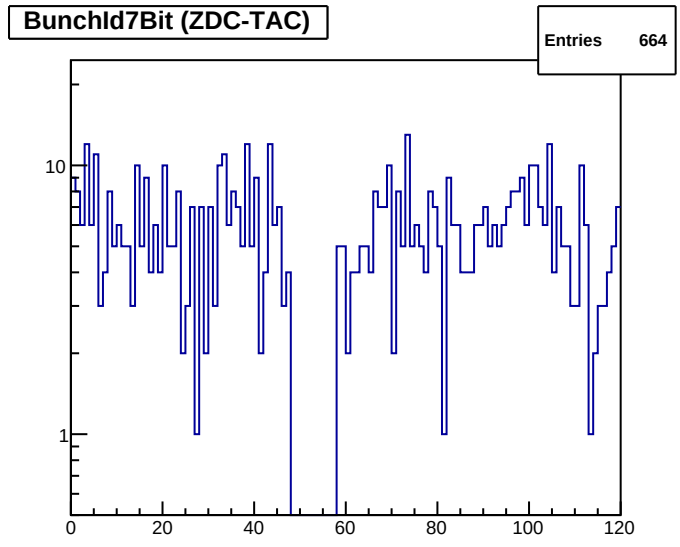
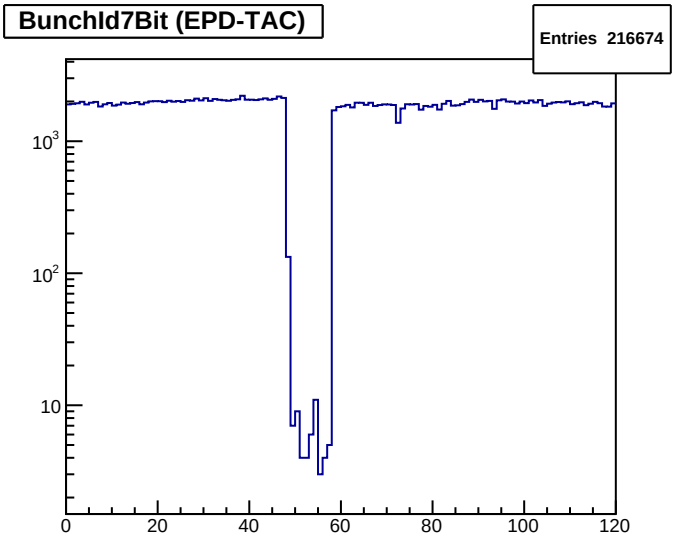
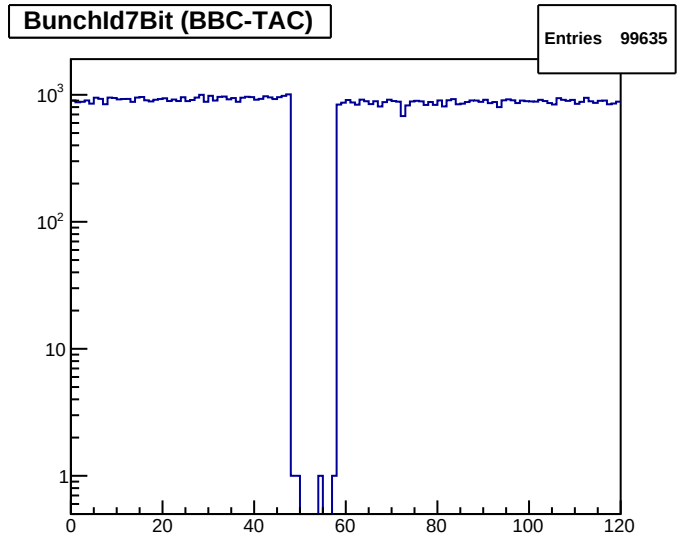
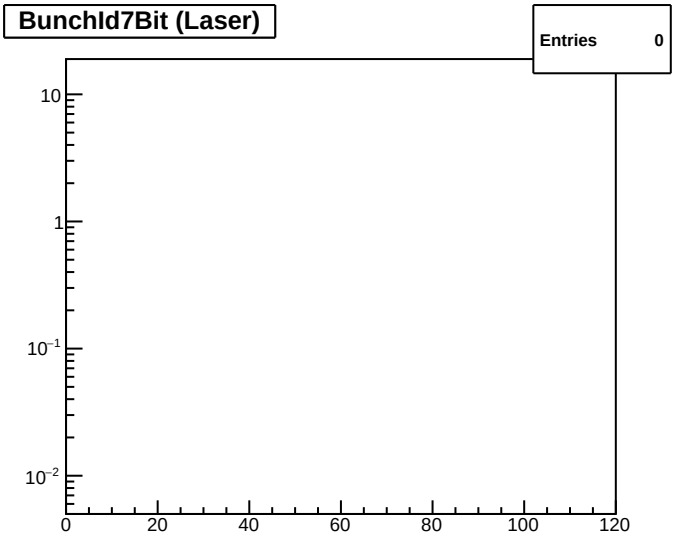
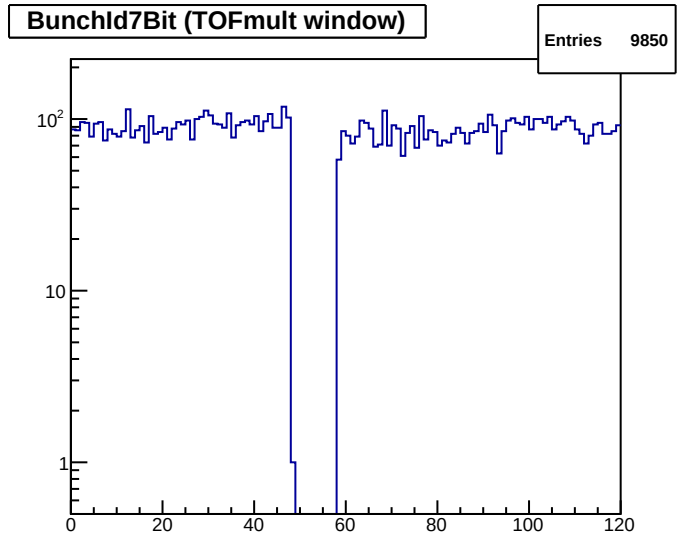

BunchId7Bit (VPD-TAC)
Entries 148090

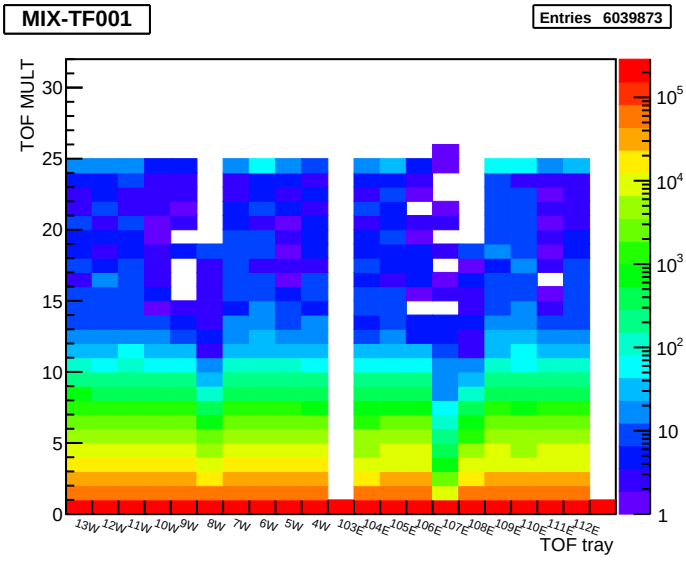

BunchId7Bit (ZDC-TAC)
Entries 664

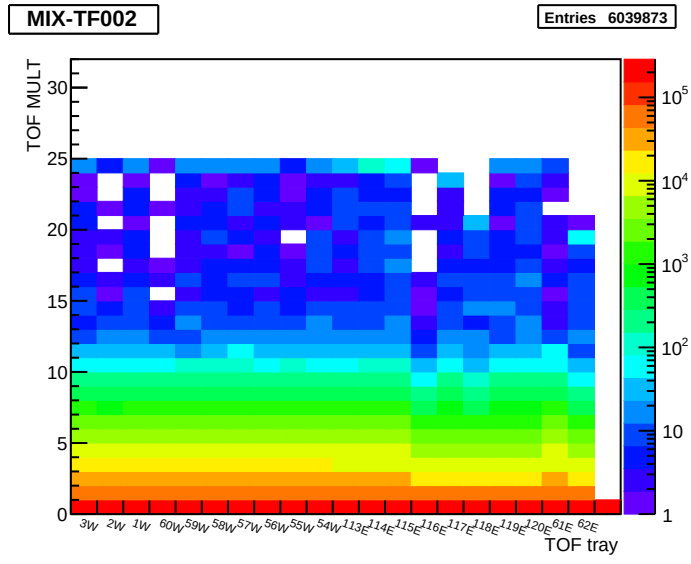

BunchId7Bit (EPD-TAC)
Entries 216674

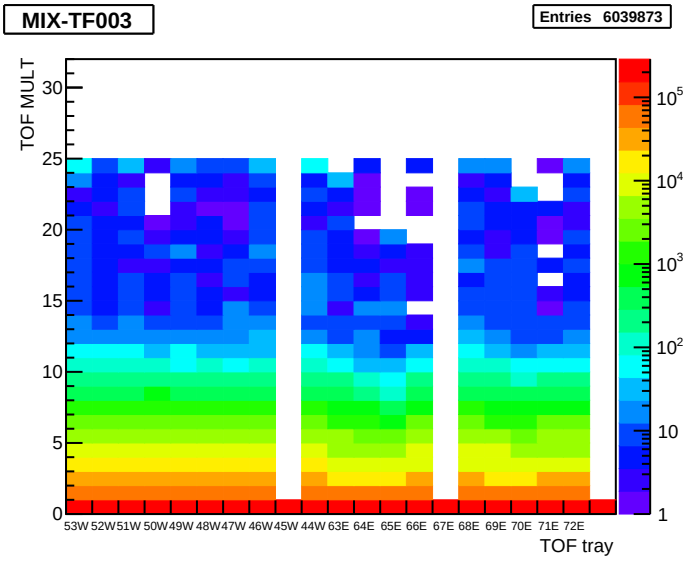

BunchId7Bit (BBC-TAC)
Entries 99635

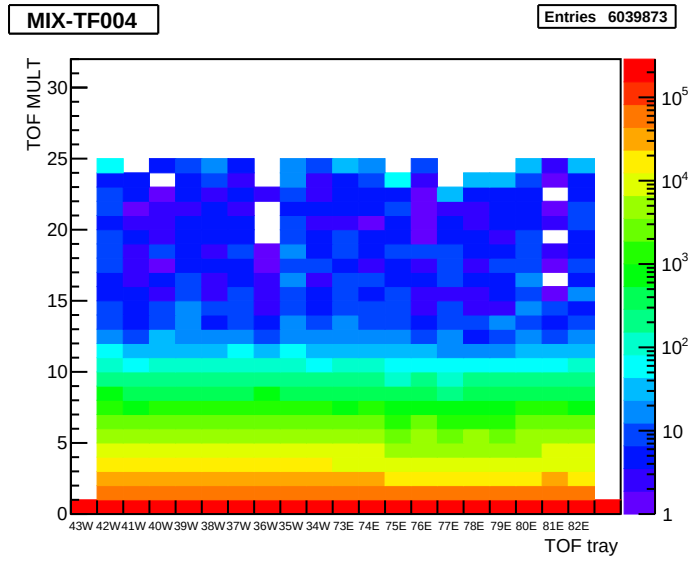

BunchId7Bit (Laser)
Entries 0

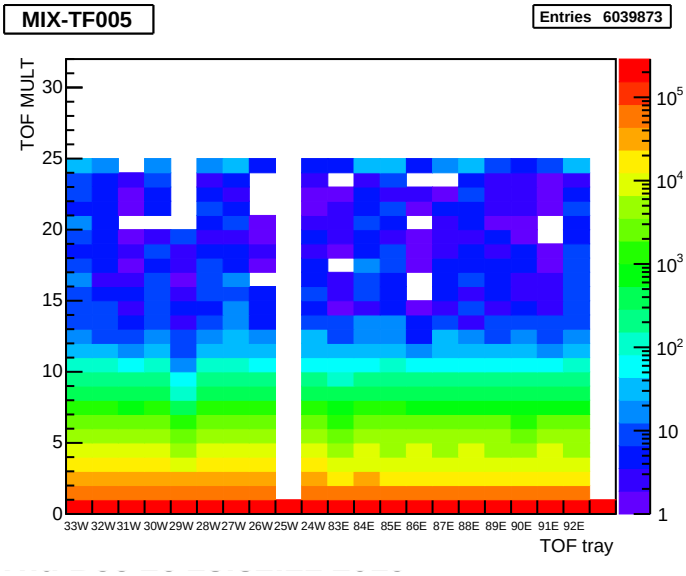

BunchId7Bit (TOFmult window)
Entries 9850

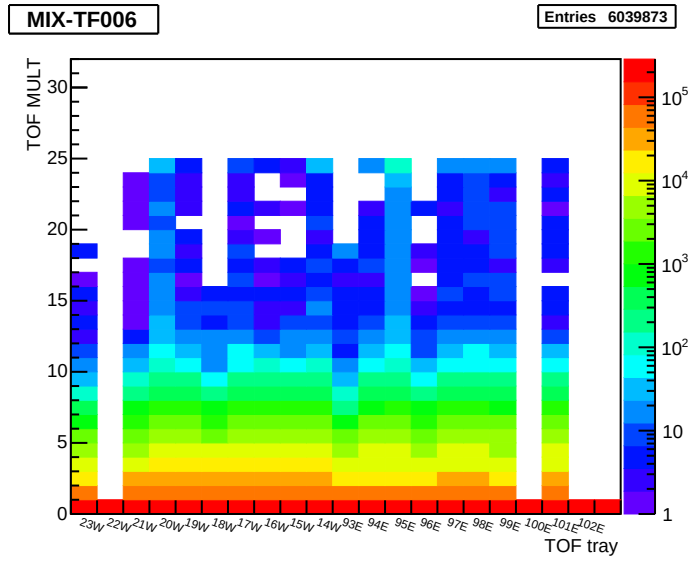

MIX-TF001
Entries 6039873
TOF MULT
TOF tray

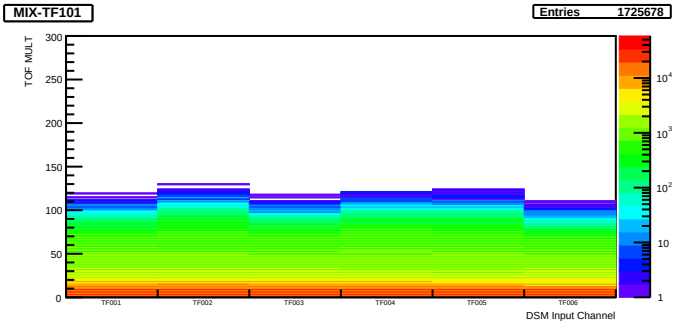

MIX-TF002
Entries 6039873
TOF MULT
TOF tray

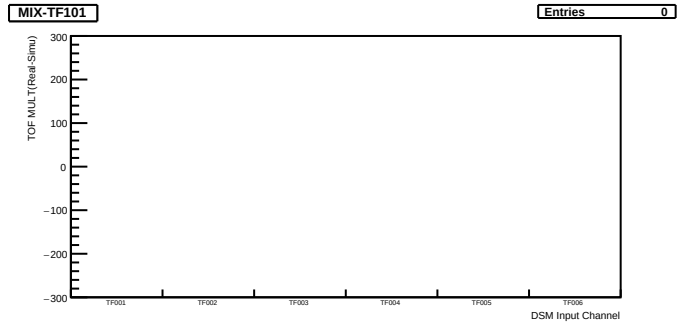

MIX-TF003
Entries 6039873
TOF MULT
TOF tray

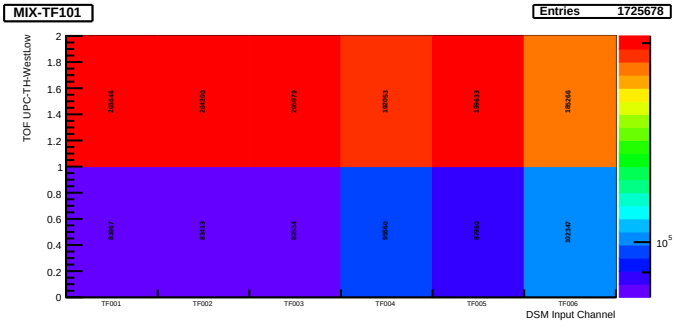

MIX-TF004
Entries 6039873
TOF MULT
TOF tray

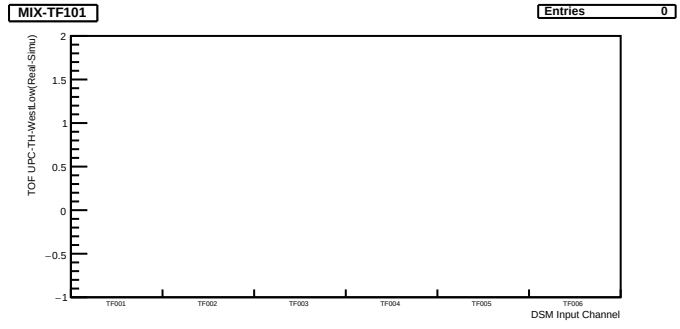

MIX-TF005
Entries 6039873
TOF MULT
TOF tray

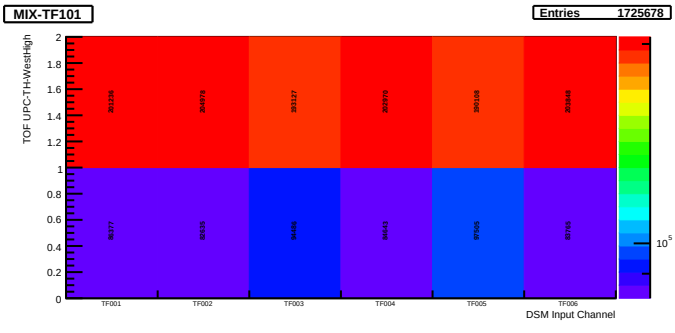

MIX-TF006
Entries 6039873
TOF MULT
TOF tray

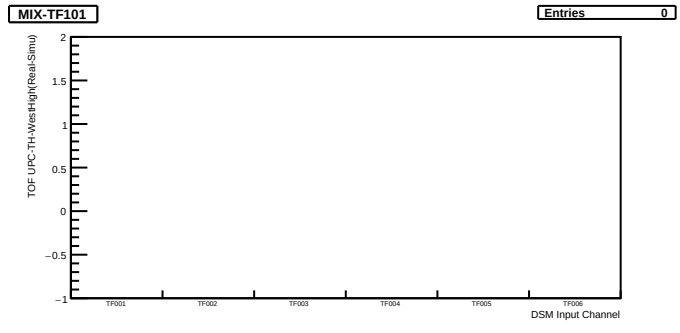

MIX-TF101
Entries 1725678
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

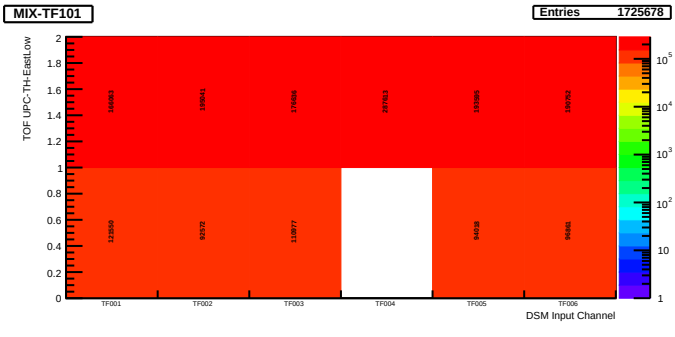

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

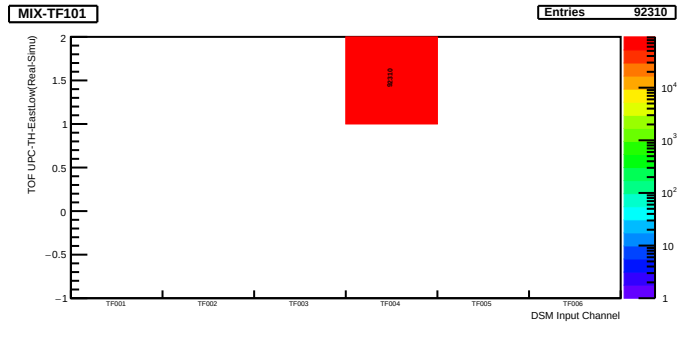

MIX-TF101
Entries 1725678
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

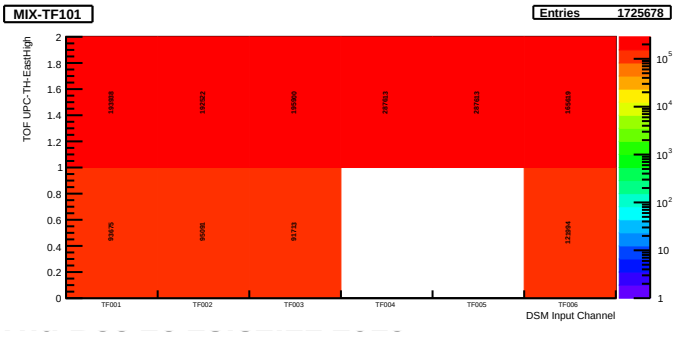

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

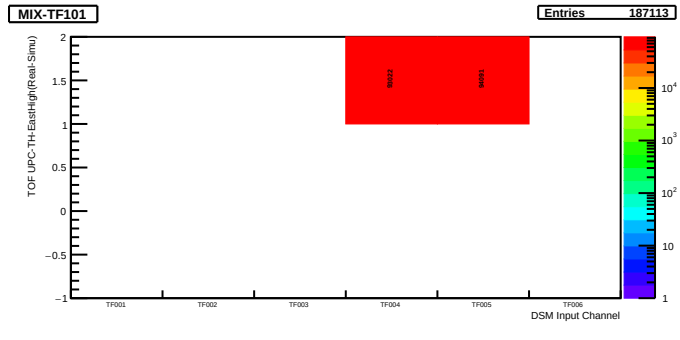

MIX-TF101
Entries 1725678
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

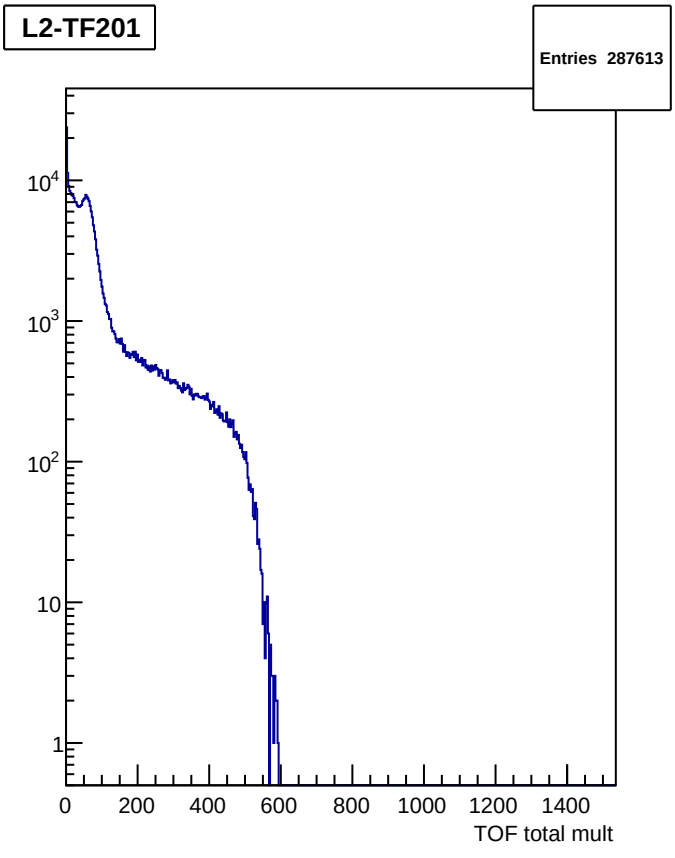

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

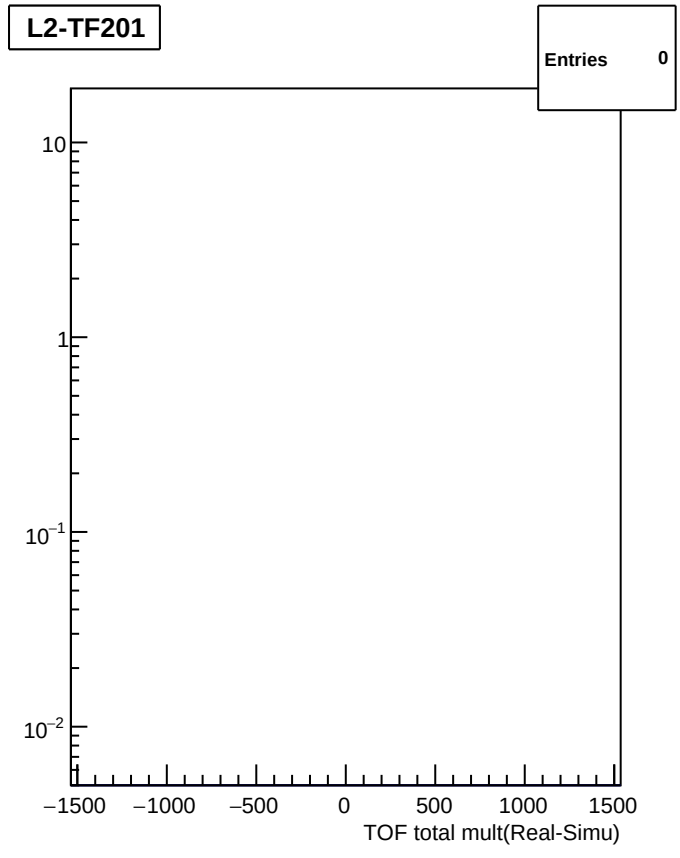

MIX-TF101
Entries 1725678
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

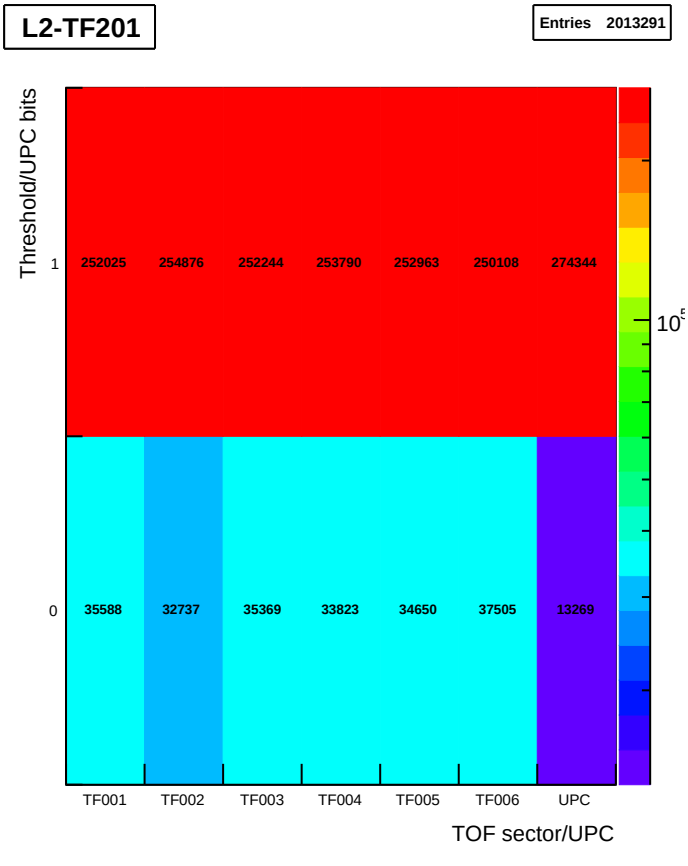

MIX-TF101
Entries 92310
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

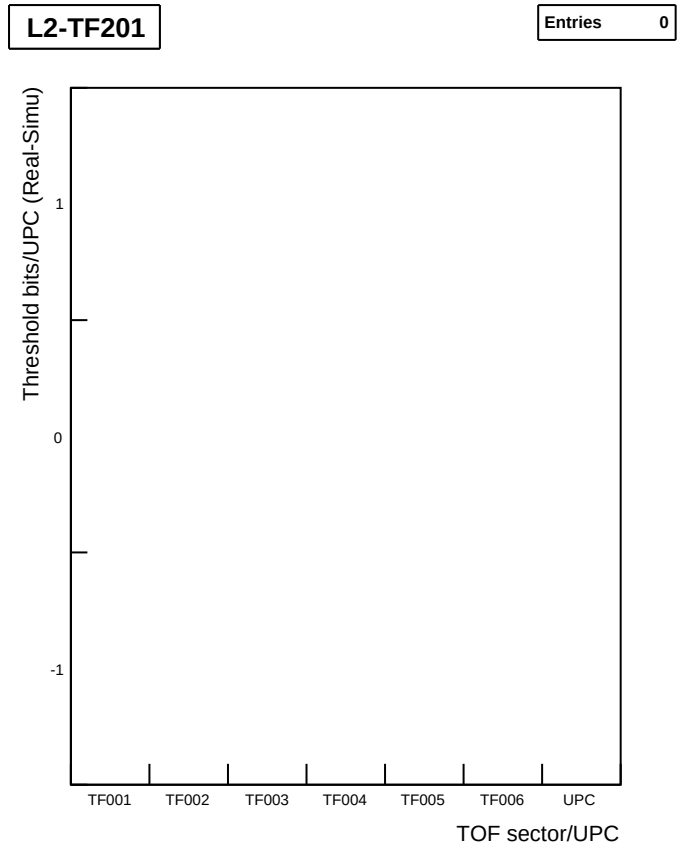

MIX-TF101
Entries 1725678
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

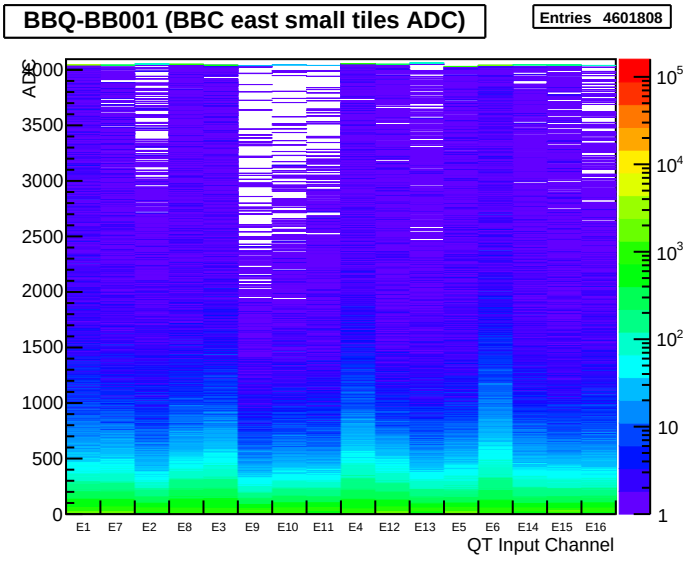

MIX-TF101
Entries 187113
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

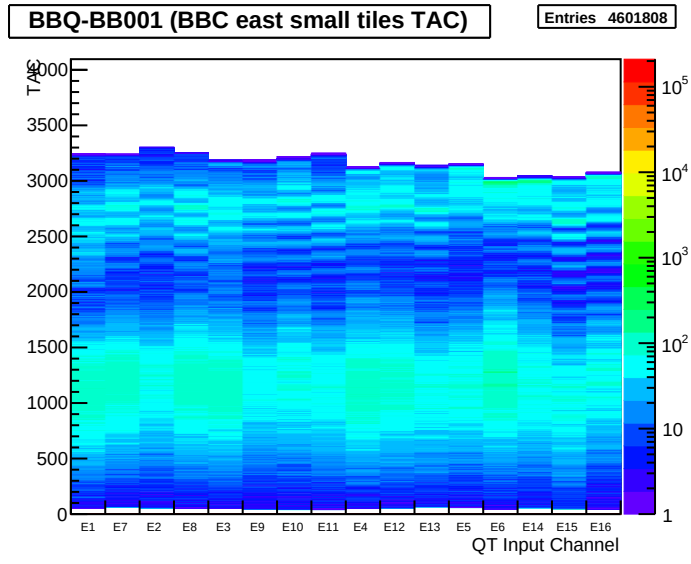

L2-TF201
Entries 287613
TOF total mult

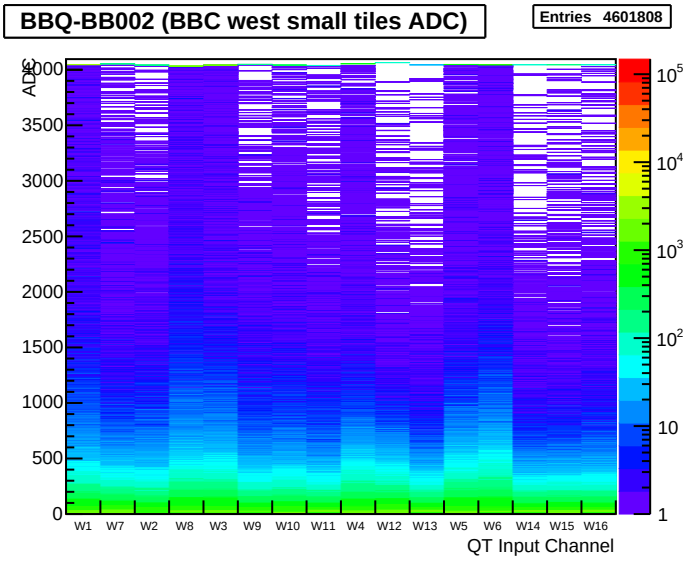

L2-TF201
Entries 0
TOF total mult(Real-Simu)

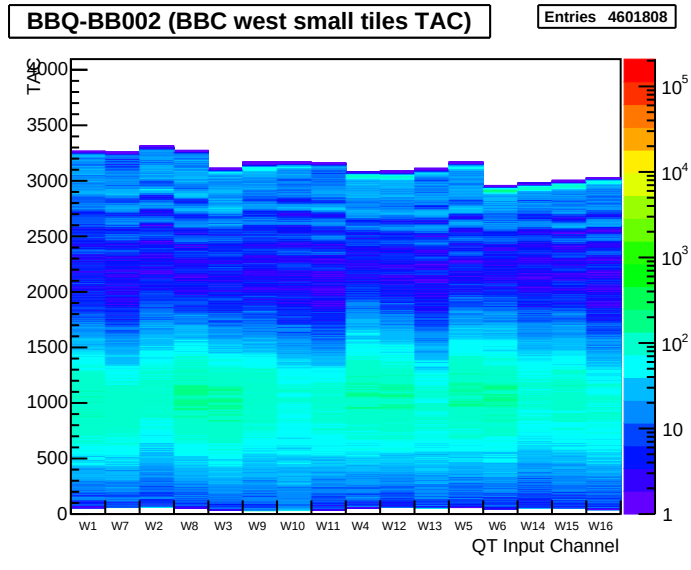

L2-TF201
Entries 2013291
Threshold/UPC bits
252025
254876
252244
253790
252963
250108
274344
35588
32737
35369
33823
34650
37505
13269
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

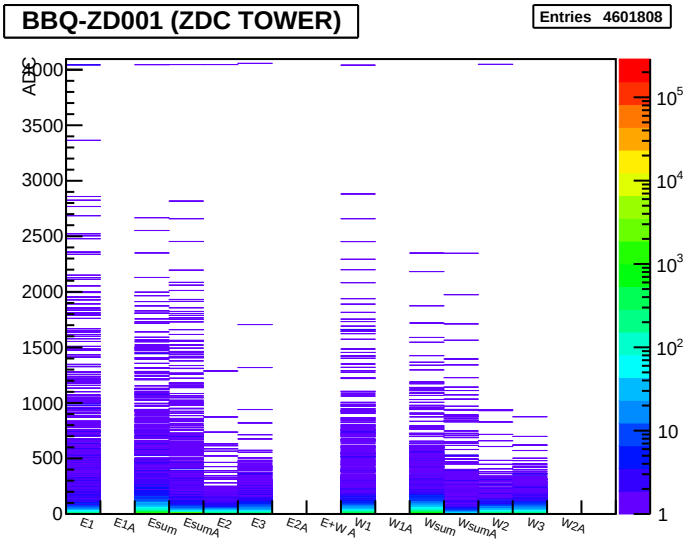

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

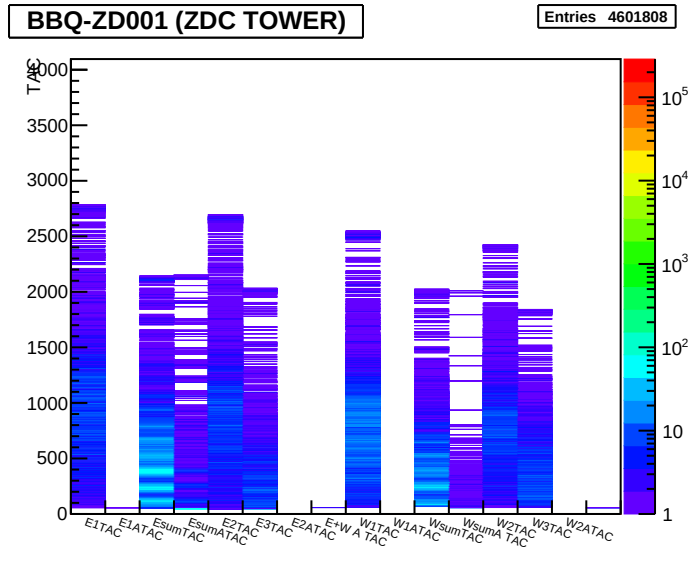

BBQ-BB001 (BBC east small tiles ADC)
Entries 4601808
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

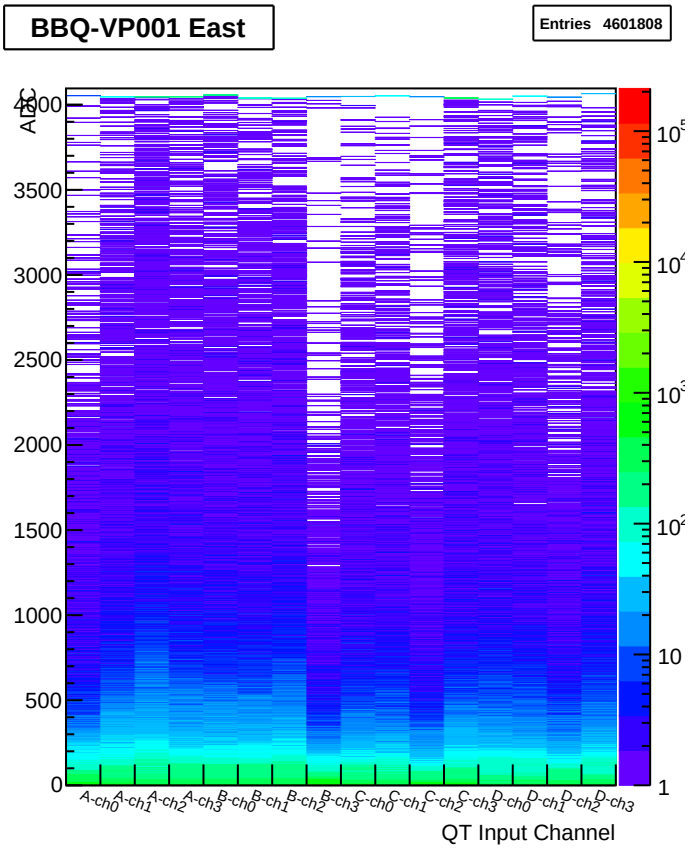

BBQ-BB001 (BBC east small tiles TAC)
Entries 4601808
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

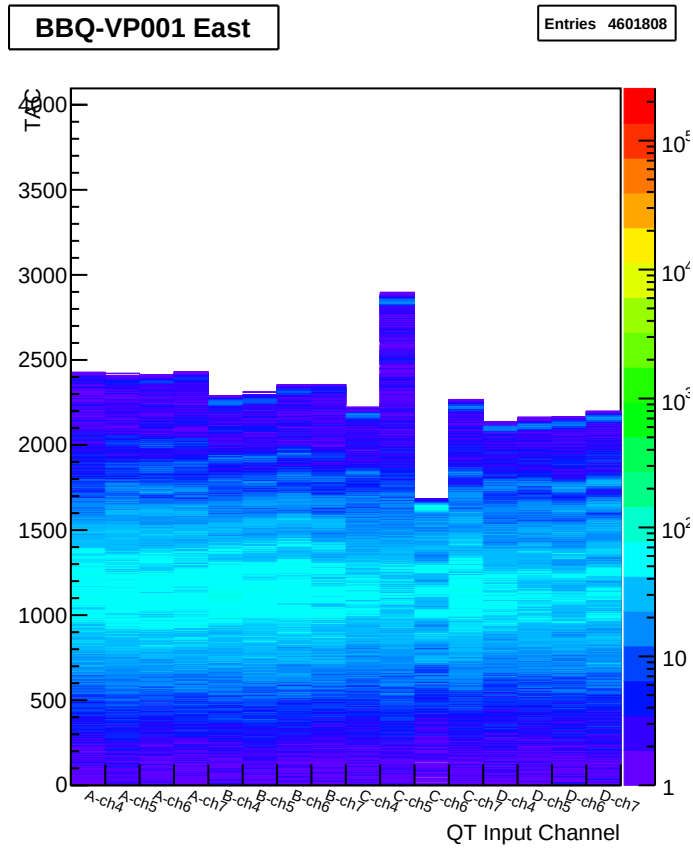

BBQ-BB002 (BBC west small tiles ADC)
Entries 4601808
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

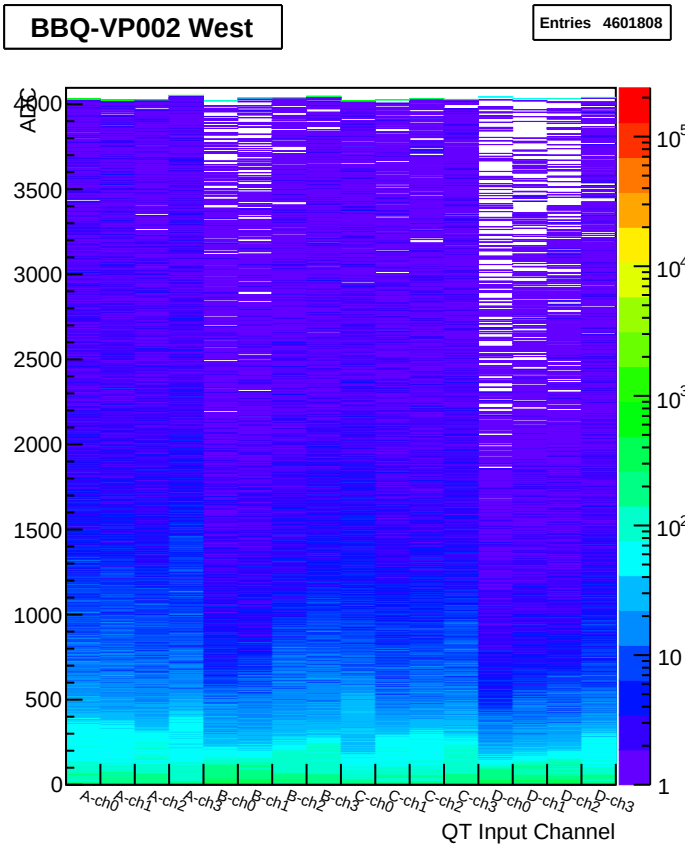

BBQ-BB002 (BBC west small tiles TAC)
Entries 4601808
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

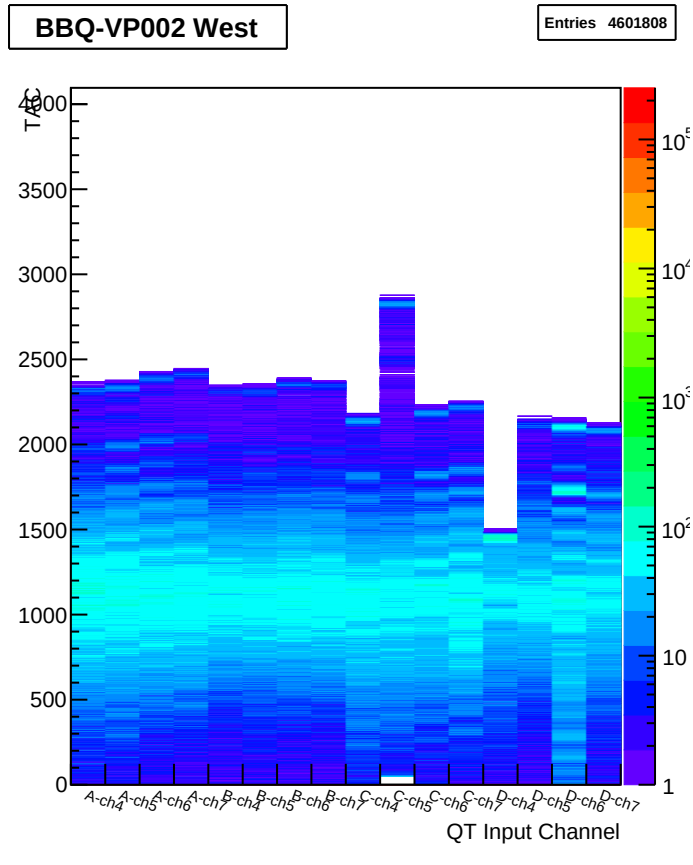

BBQ-ZD001 (ZDC TOWER)
Entries 4601808
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

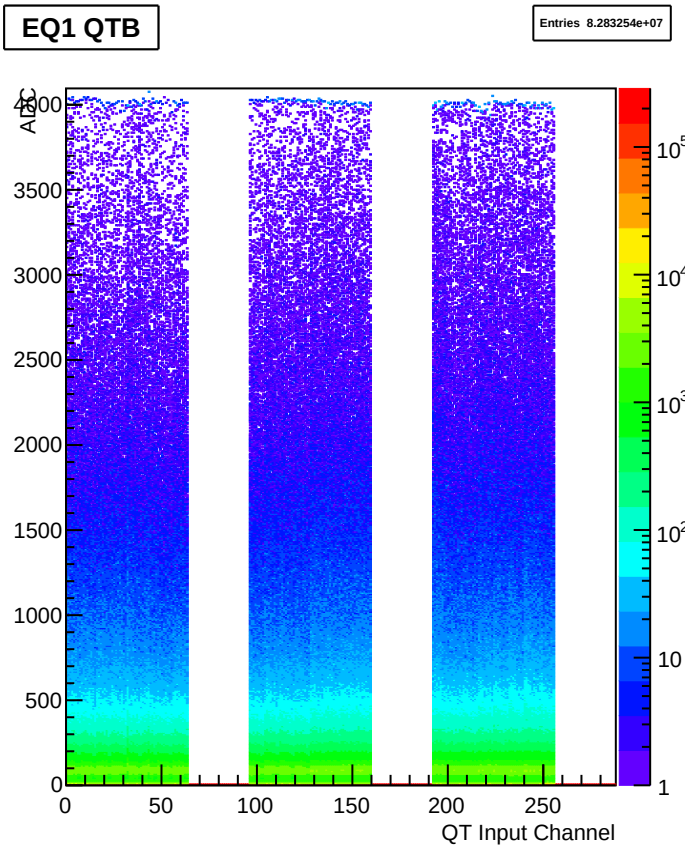

BBQ-ZD001 (ZDC TOWER)
Entries 4601808
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

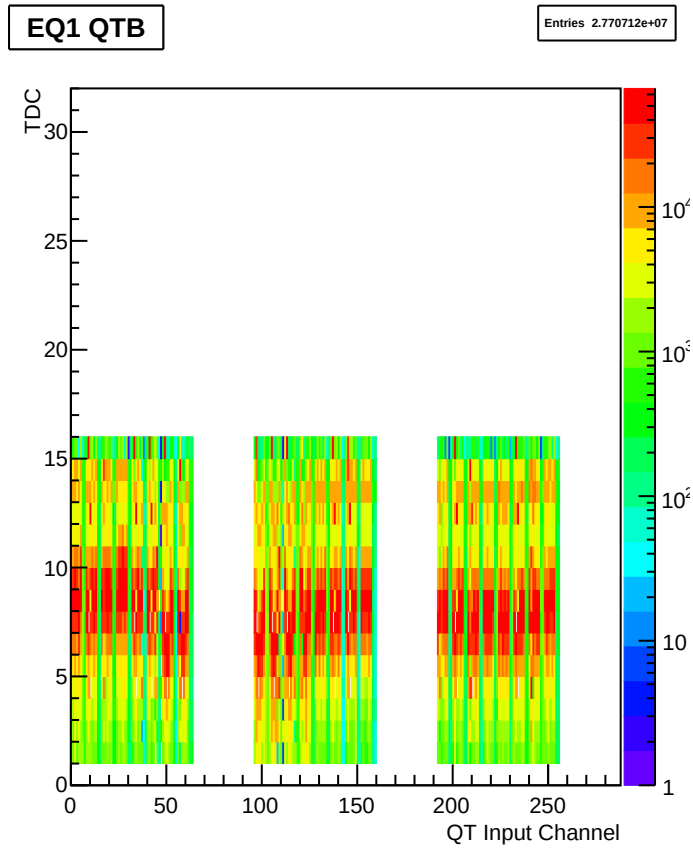

BBQ-VP001 East
Entries 4601808
ADC
QT Input Channel

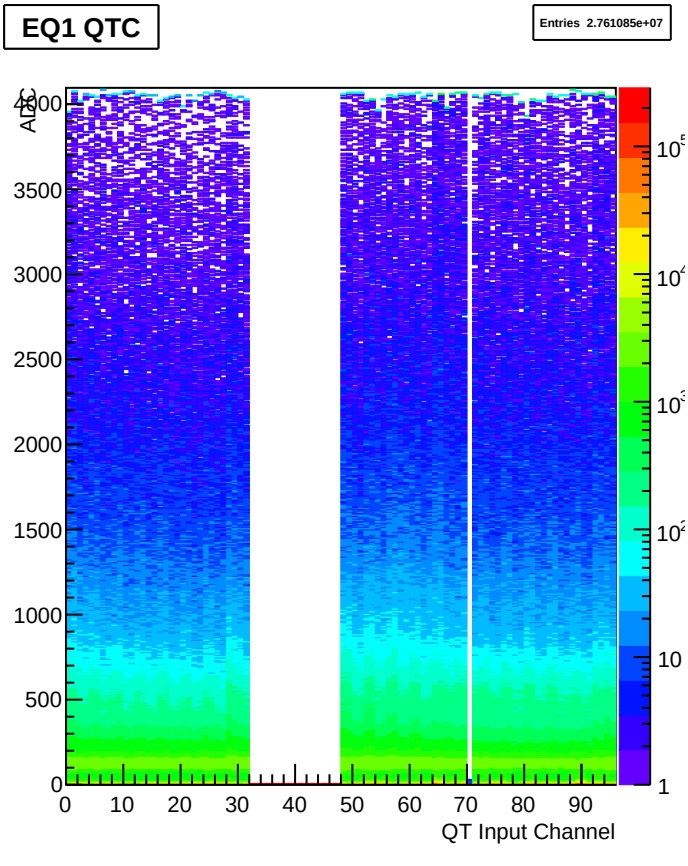

BBQ-VP001 East
Entries 4601808
TADC
QT Input Channel

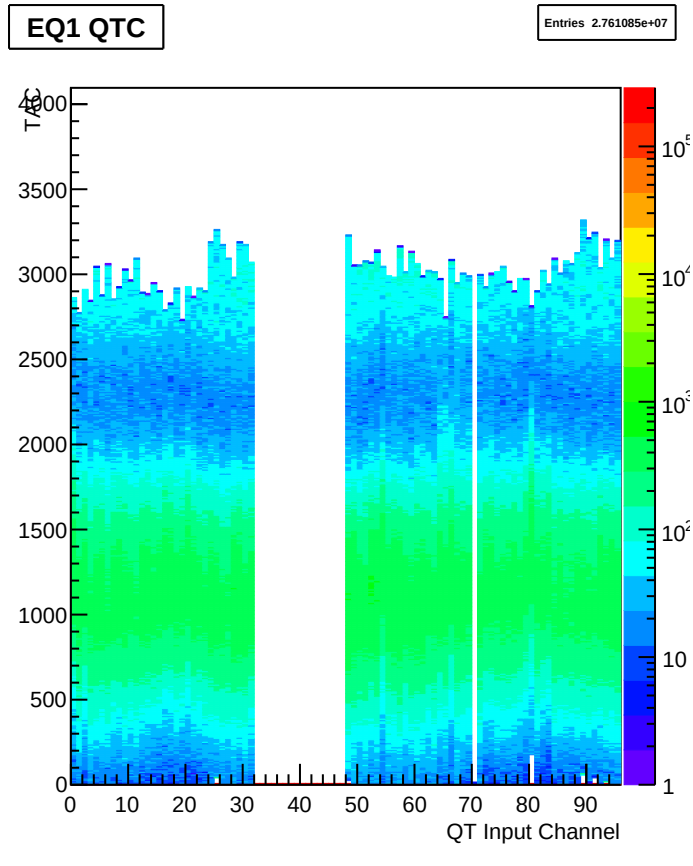

BBQ-VP002 West
Entries 4601808
ADC
QT Input Channel

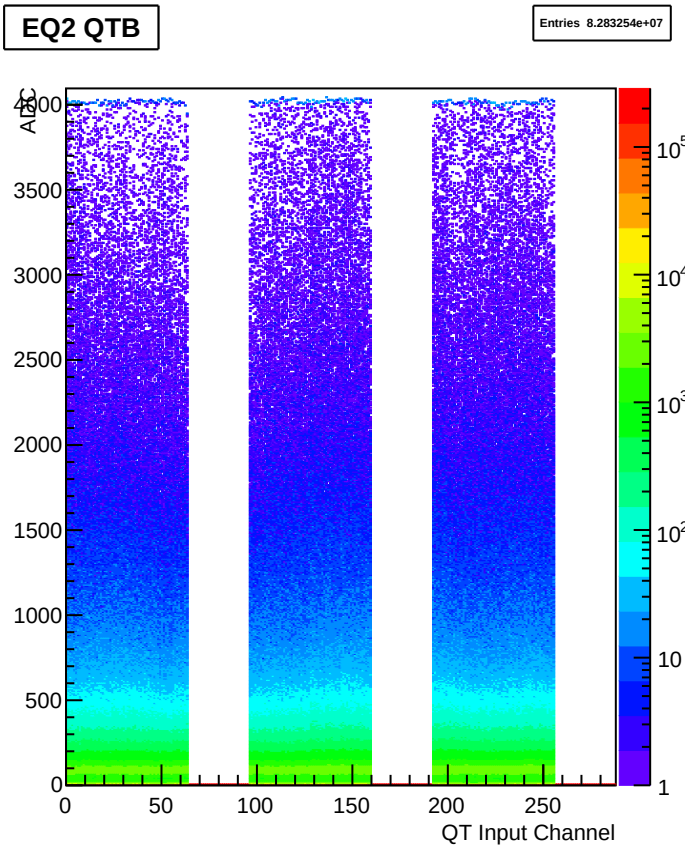

BBQ-VP002 West
Entries 4601808
TADC
QT Input Channel

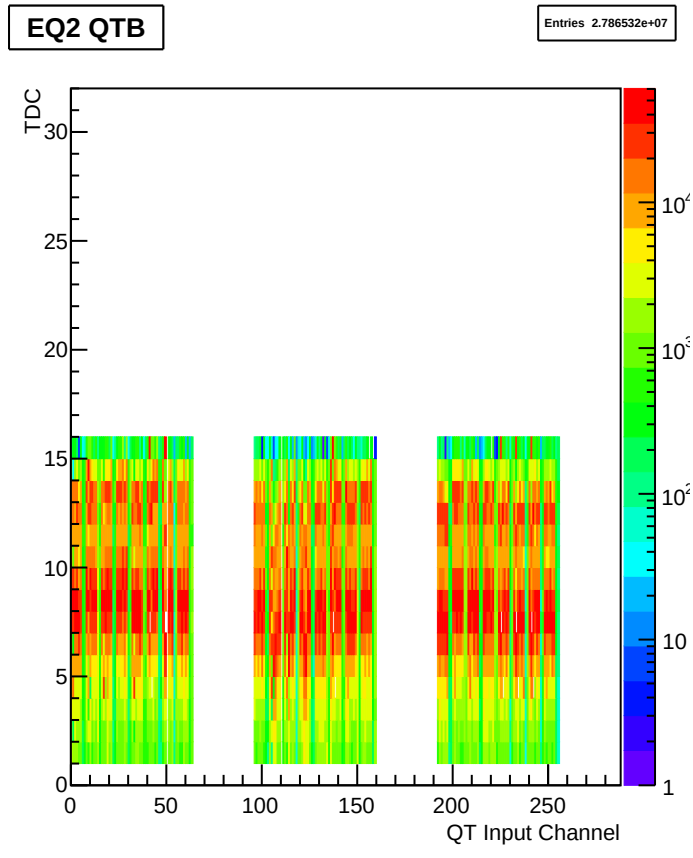

EQ1 QTB
Entries 8.283254e+07
ADC
QT Input Channel

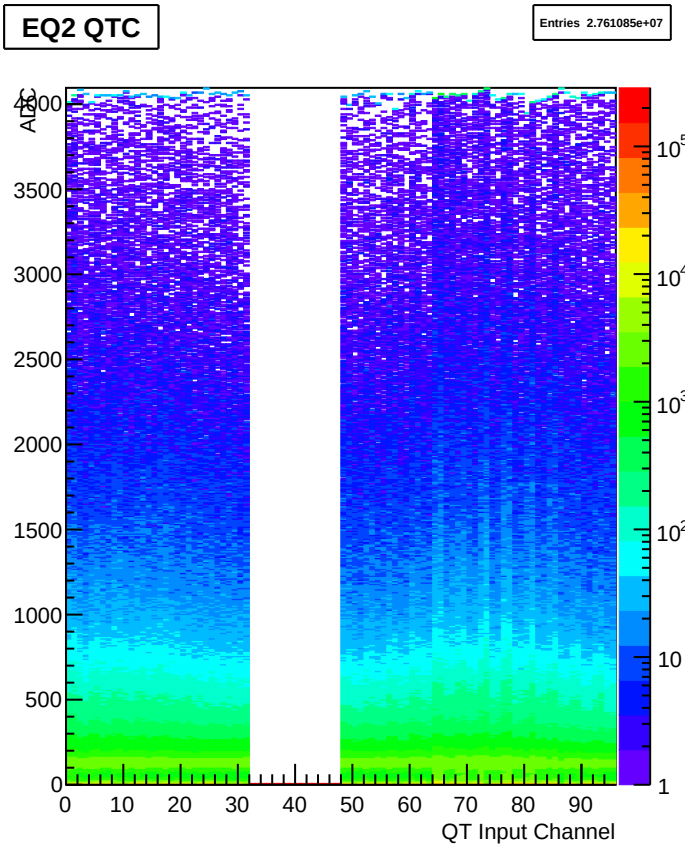

EQ1 QTB
Entries 2.770712e+07
TDC
QT Input Channel

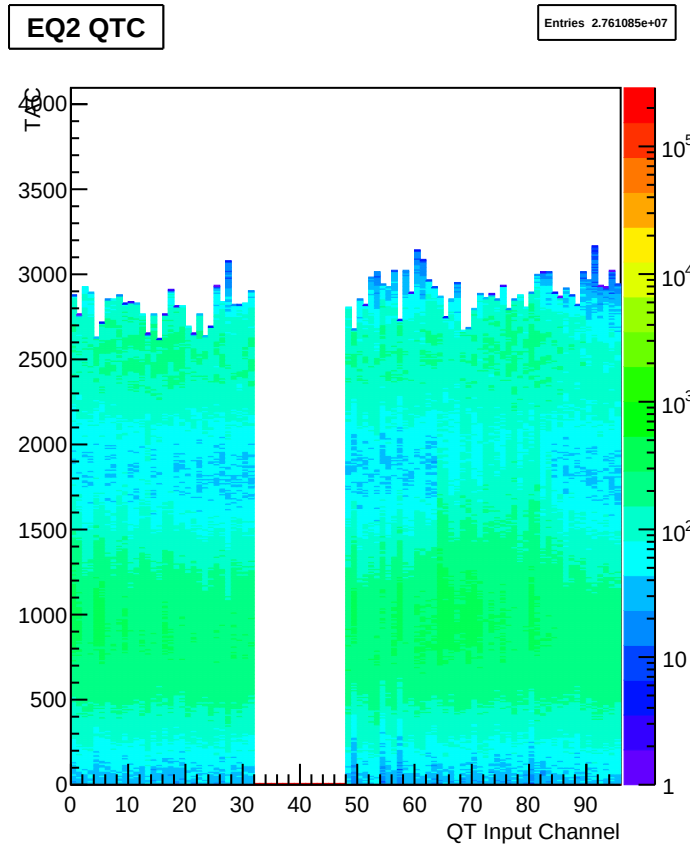

EQ1 QTC
Entries 2.761085e+07
ADC
QT Input Channel

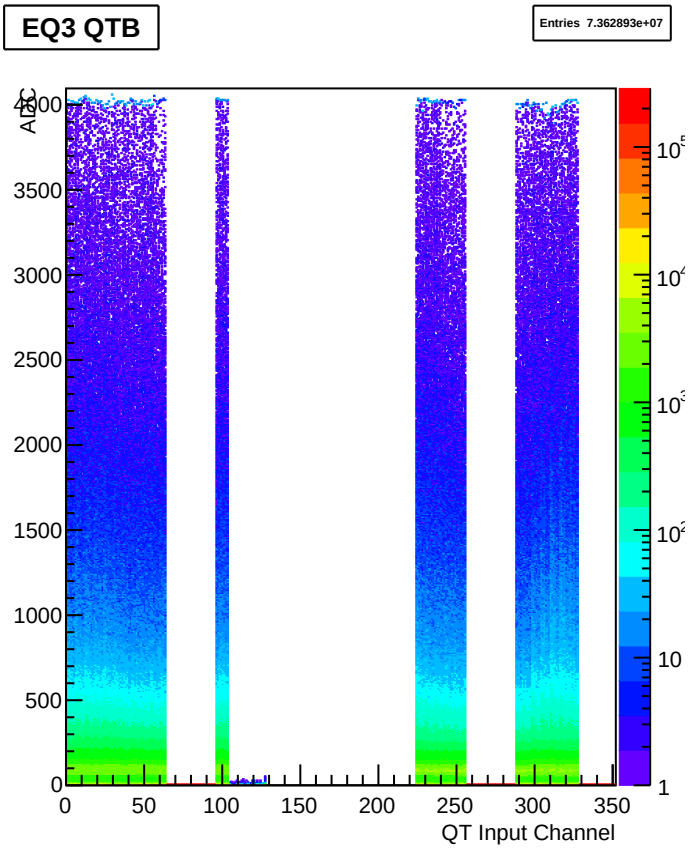

EQ1 QTC
Entries 2.761085e+07
TADC
QT Input Channel

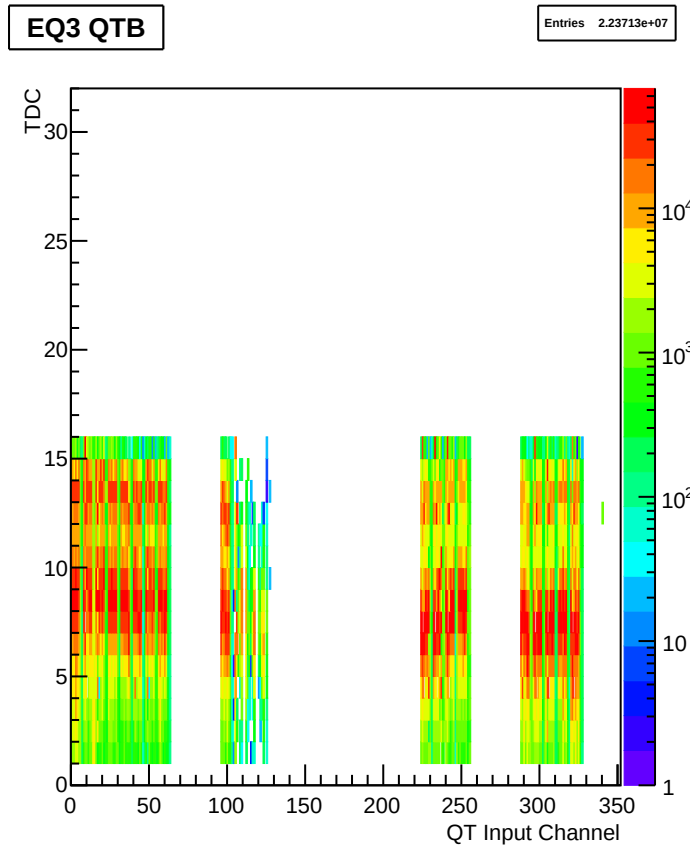

EQ2 QTB
Entries 8.283254e+07
ADC
QT Input Channel

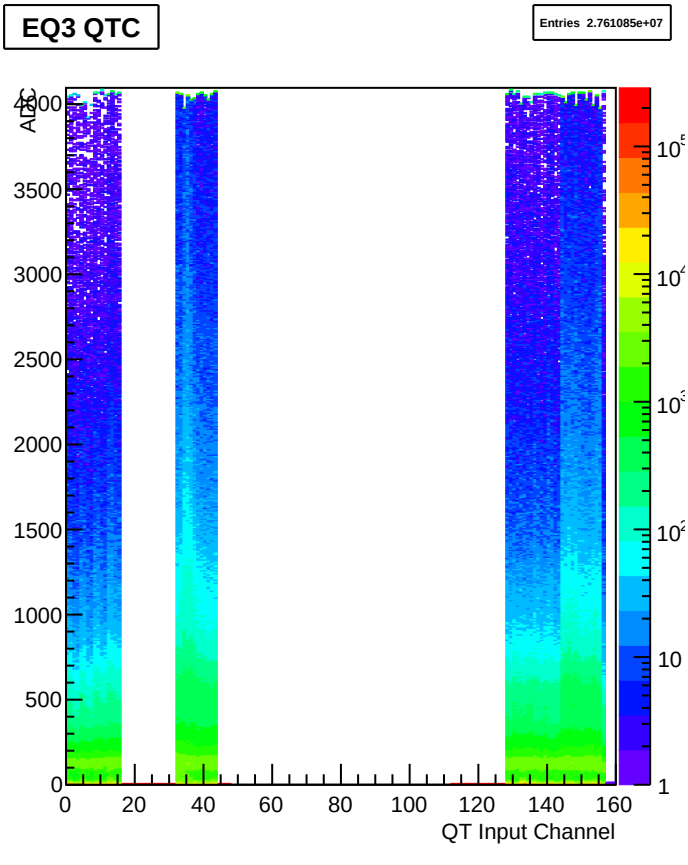

EQ2 QTB
Entries 2.786532e+07
TDC
QT Input Channel

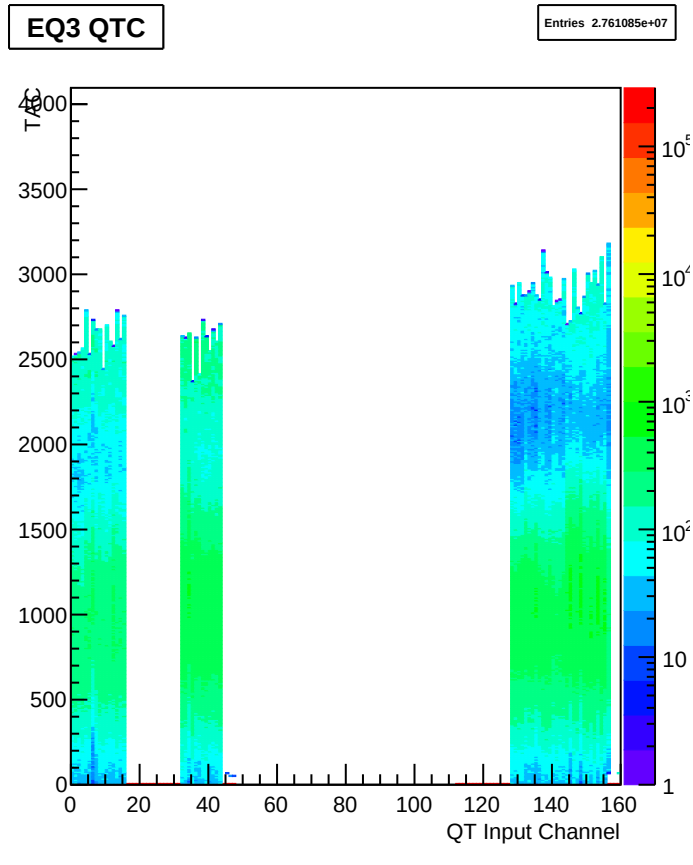

EQ2 QTC
Entries 2.761085e+07
ADC
QT Input Channel

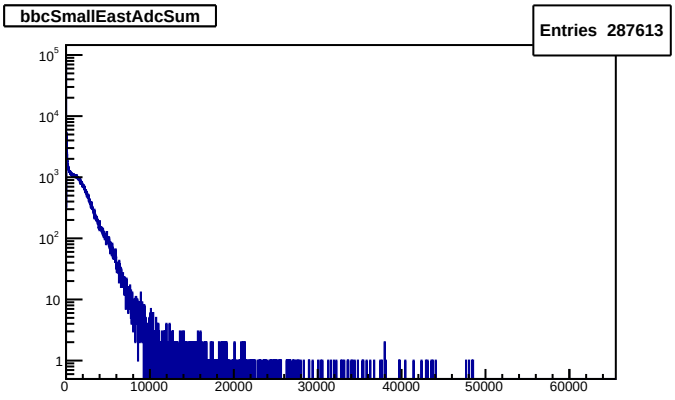

EQ2 QTC
Entries 2.761085e+07
TADC
QT Input Channel

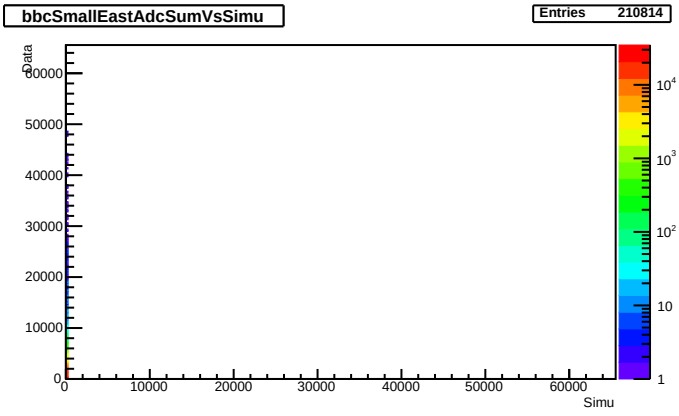

EQ3 QTB
Entries 7.362893e+07
ADC
QT Input Channel

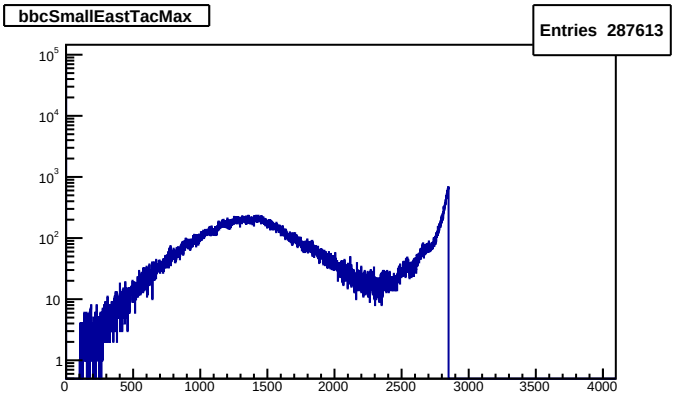

EQ3 QTB
Entries 2.23713e+07
TDC
QT Input Channel

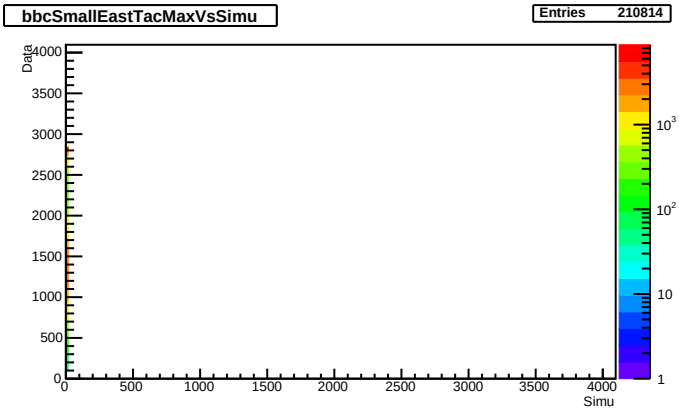

EQ3 QTC
Entries 2.761085e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.761085e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 287613


bbcSmallEastAdcSumVsSimu
Entries 210814
Data
Simu


bbcSmallEastTacMax
Entries 287613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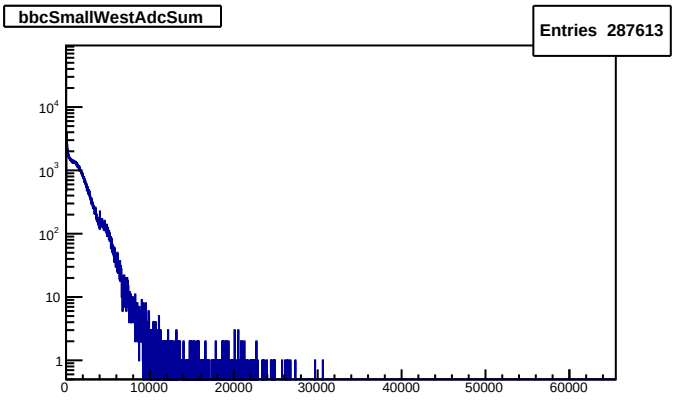
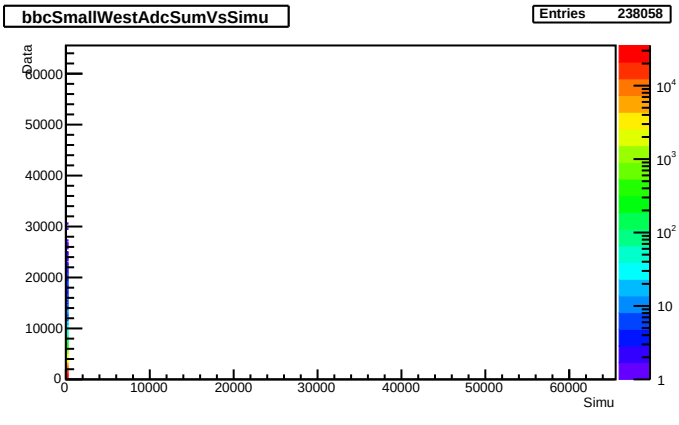
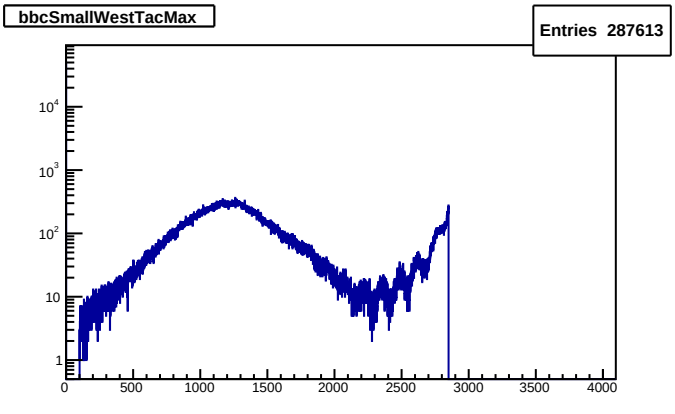
Entries 210814
Data
Simu


bbcSmallWestAdcSum
Entries 287613


bbcSmallWestAdcSumVsSimu
Entries 238058
Data
Simu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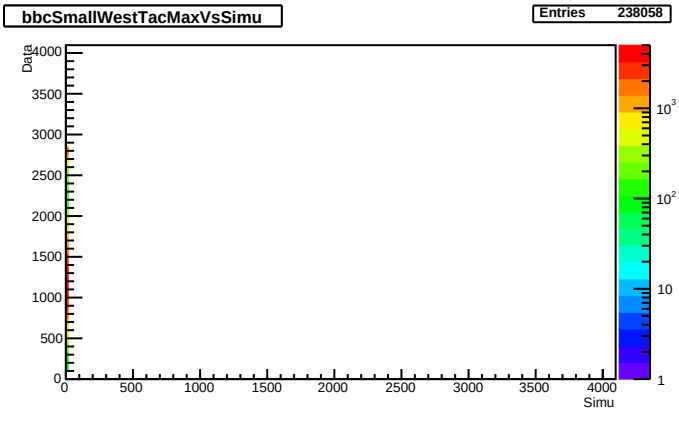
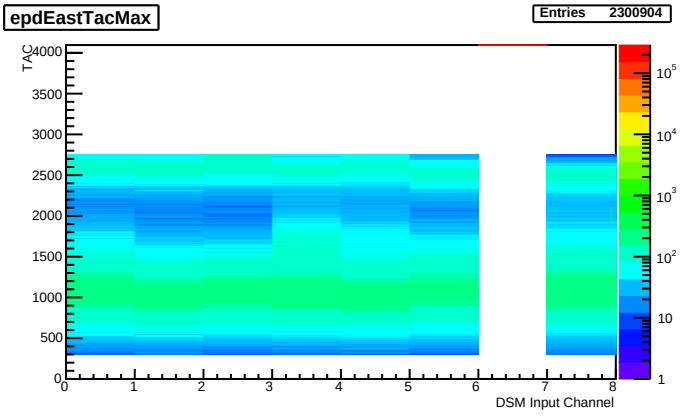
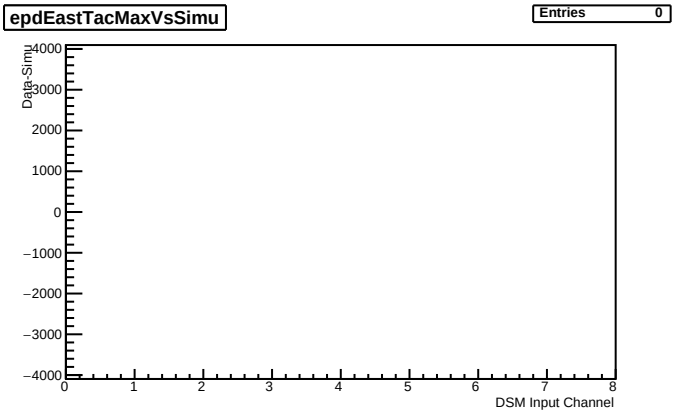
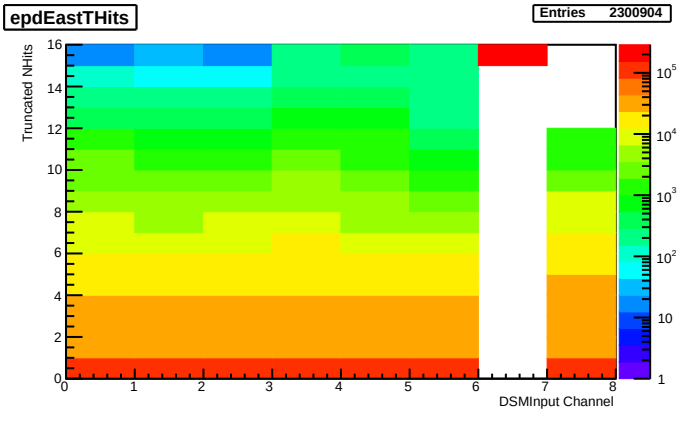
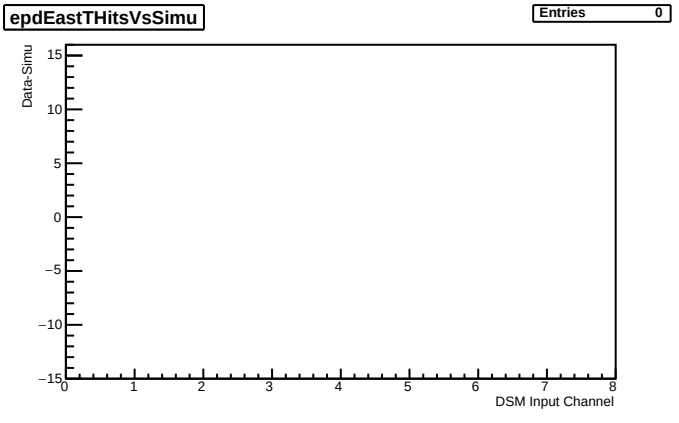
Entries 287613


bbcSmallWestTacMaxVsSimu
Entries 238058
Data
Simu


epdEastTacMax
Entries 2300904
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2300904
Truncated NHits
DSMInput Channel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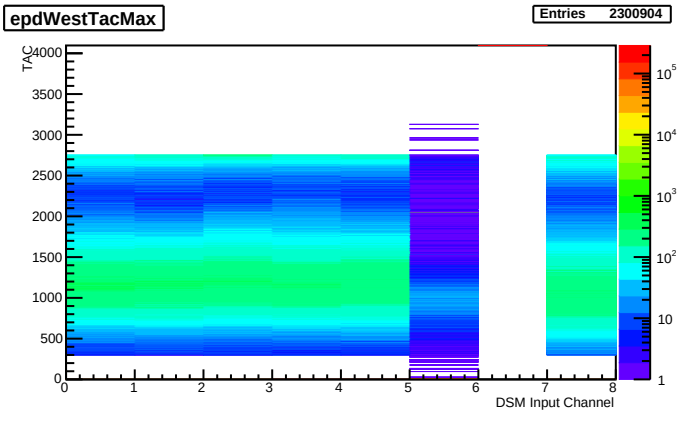
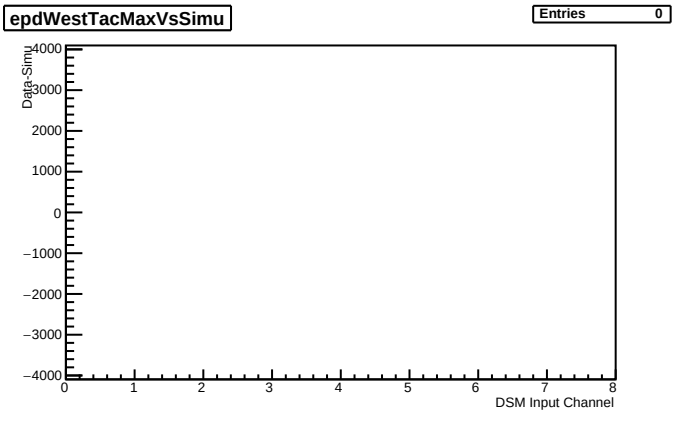
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2300904
TAC
DSM Input Channel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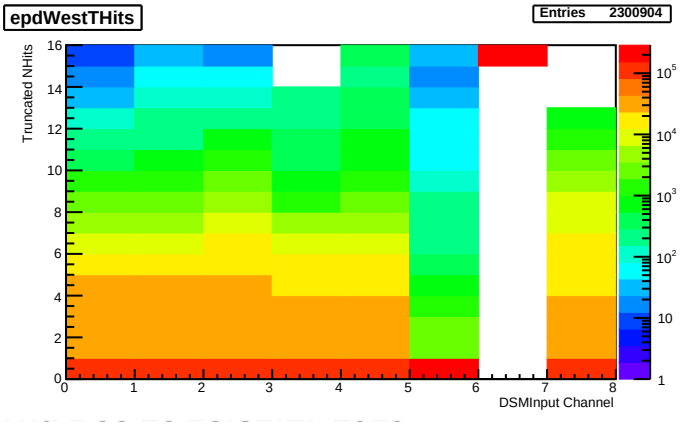
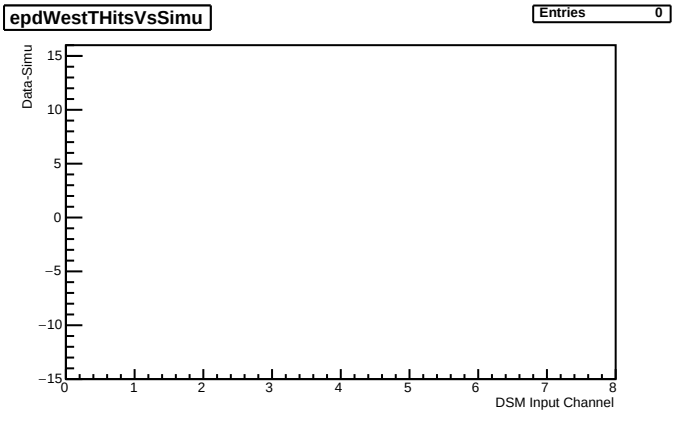
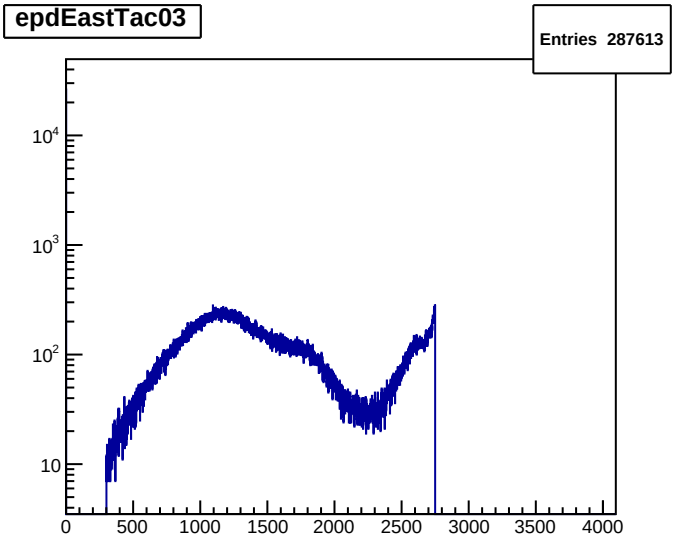
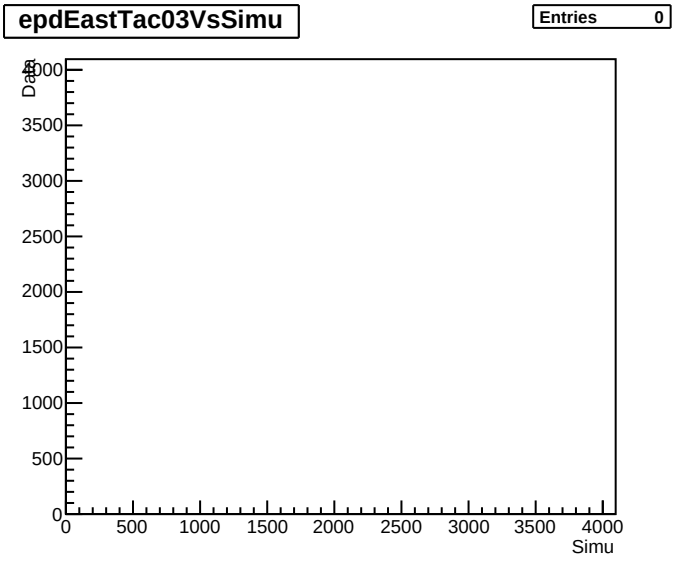
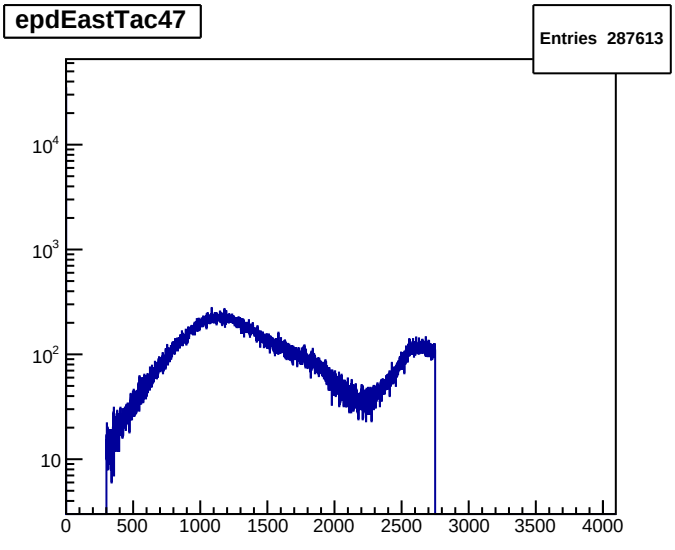
Entries 0
Data-Simu
DSM Input Channel

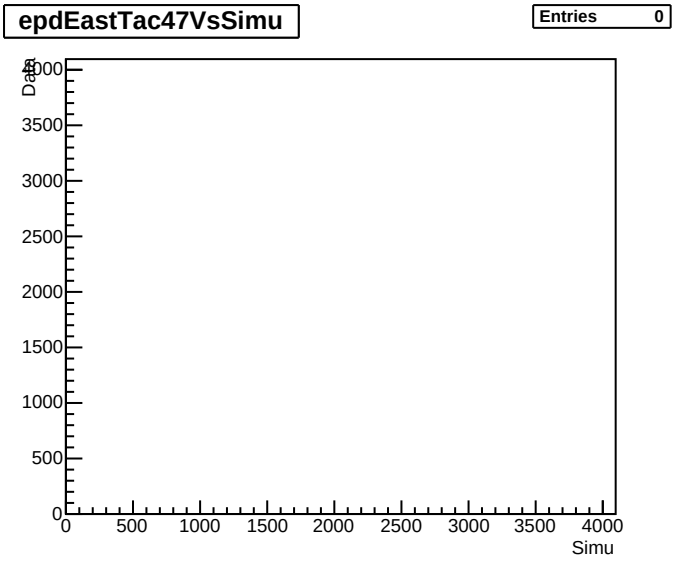

epdWestTHits
Entries 2300904
Truncated NHits
DSMInput Channel

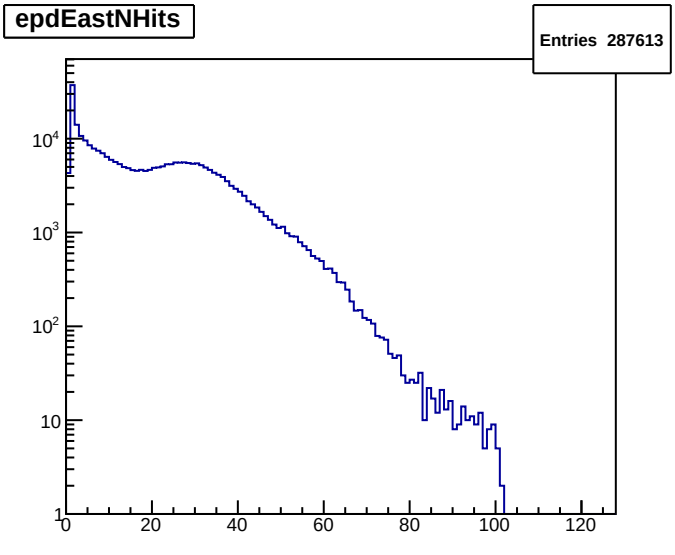

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

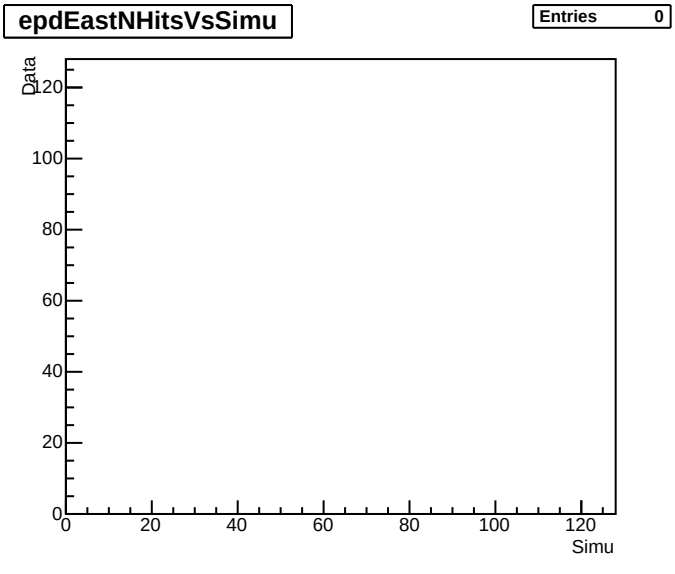

epdEastTac03
Entries 287613


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 287613


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 287613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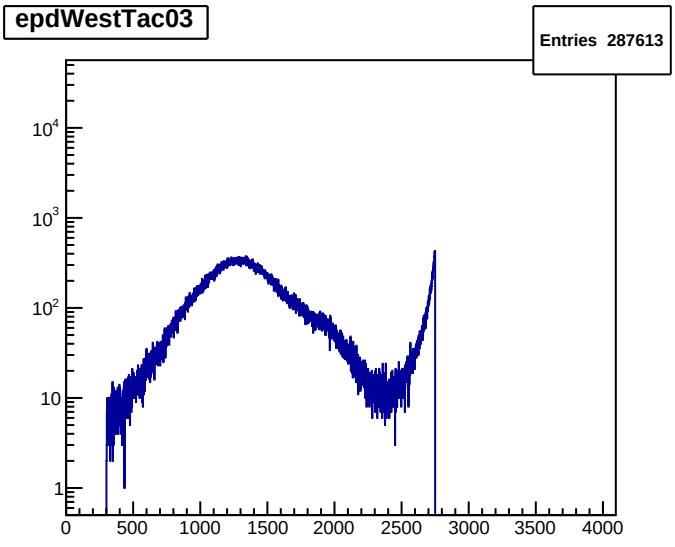
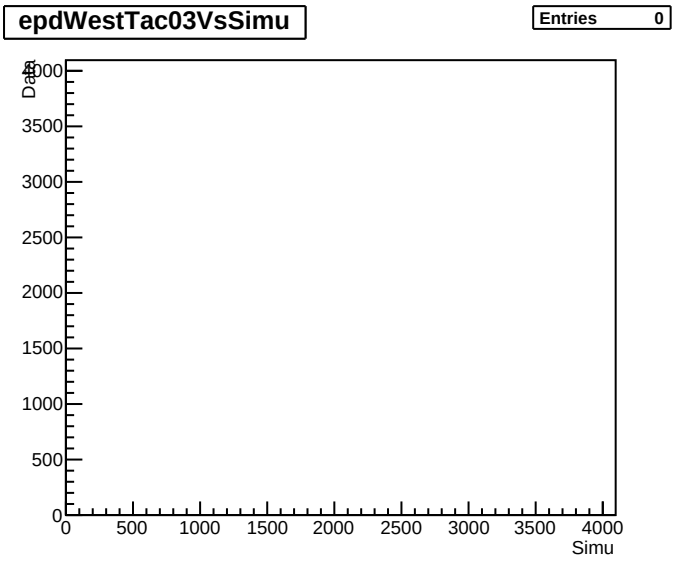
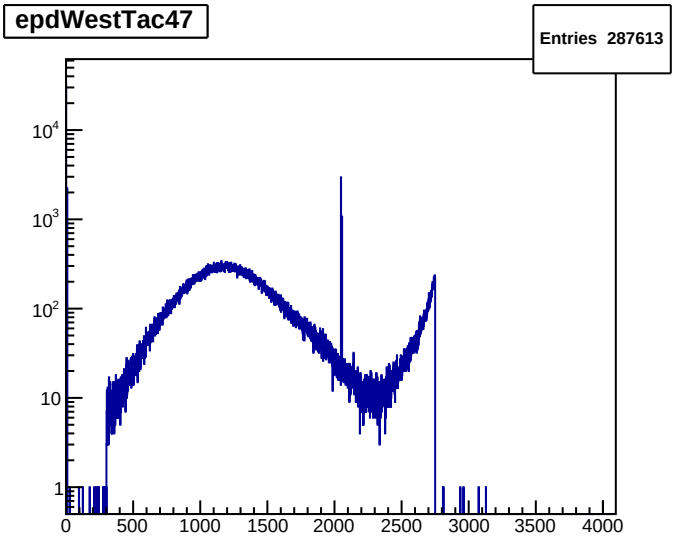
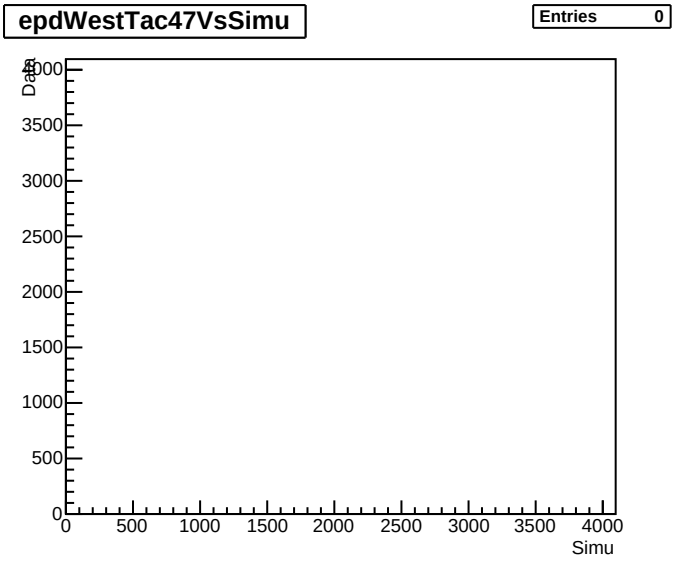
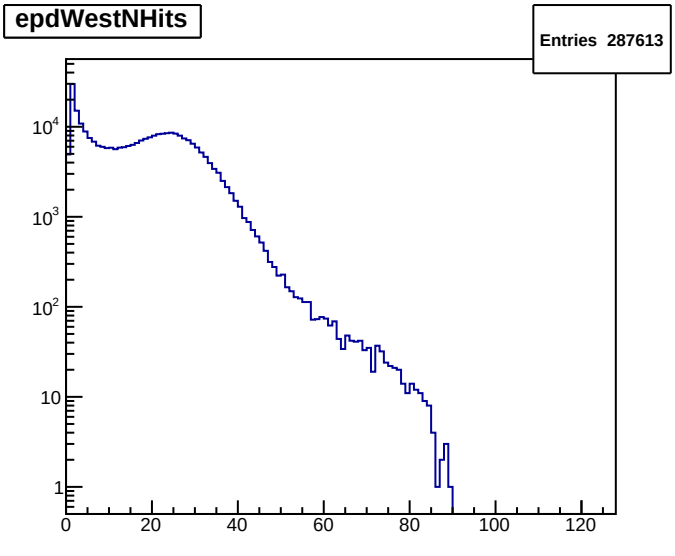
Entries 0
Data
Simu

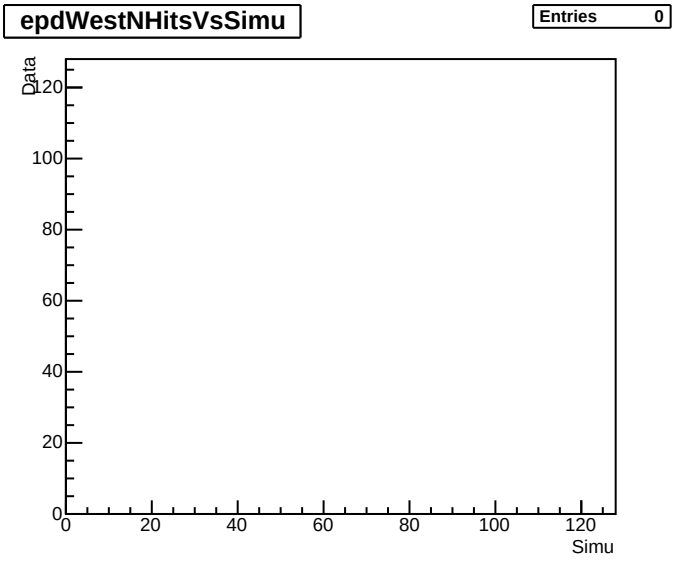

epdWestTac03
Entries 287613

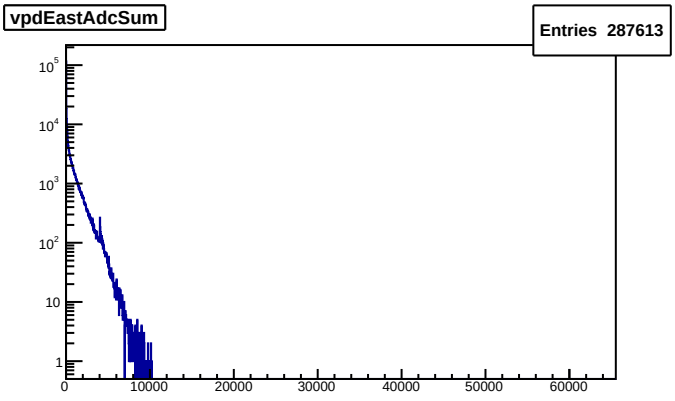

epdWestTac03VsSimu
Entries 0
Data
Simu

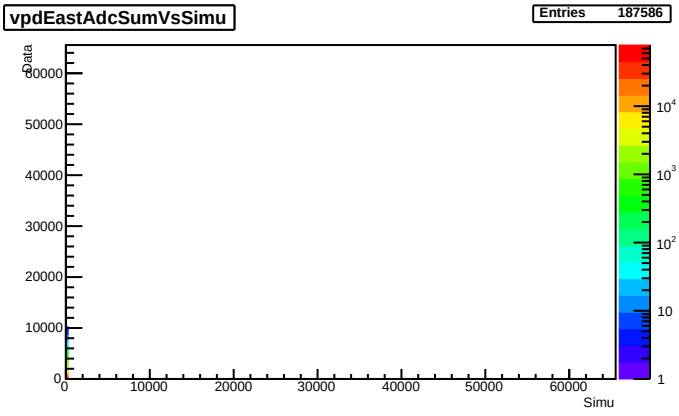

epdWestTac47
Entries 287613

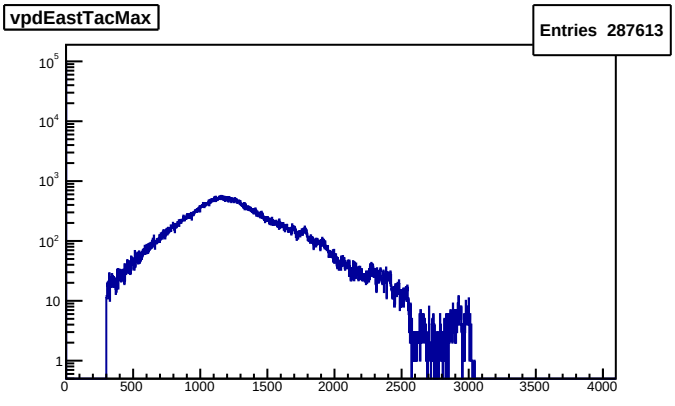

epdWestTac47VsSimu
Entries 0
Data
Simu

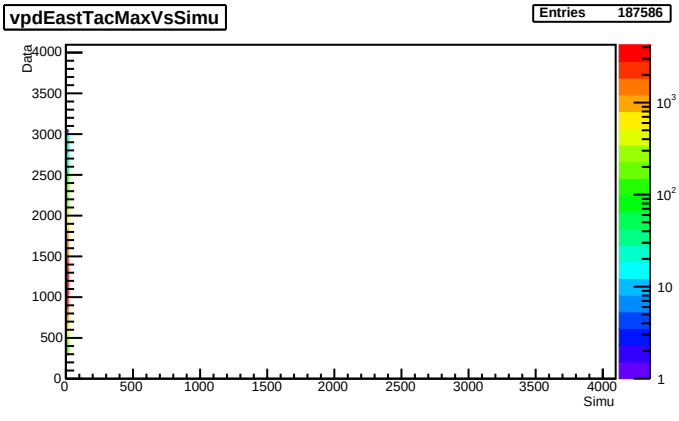

epdWestNHits
Entries 287613

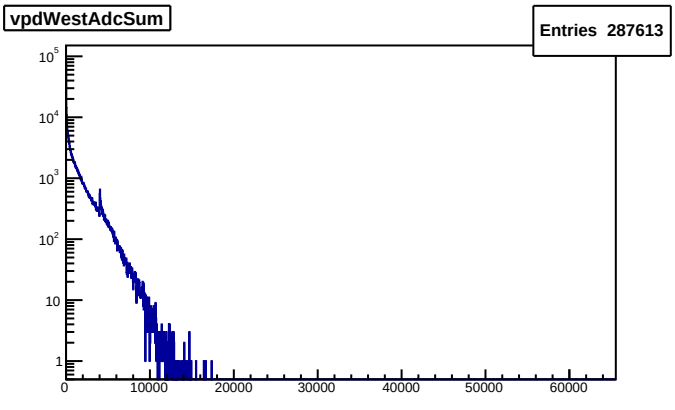

epdWestNHitsVsSimu
Entries 0
Data
Simu

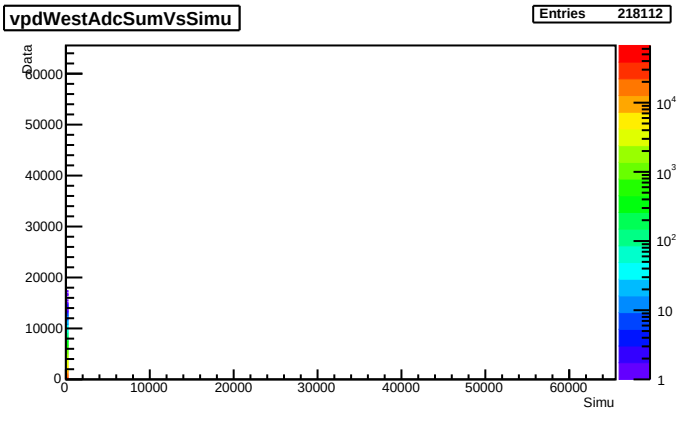

vpdEastAdcSum
Entries 287613

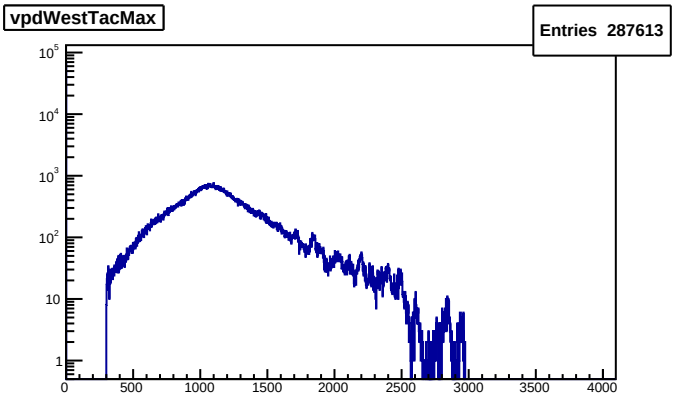

vpdEastAdcSumVsSimu
Entries 187586
Data
Simu

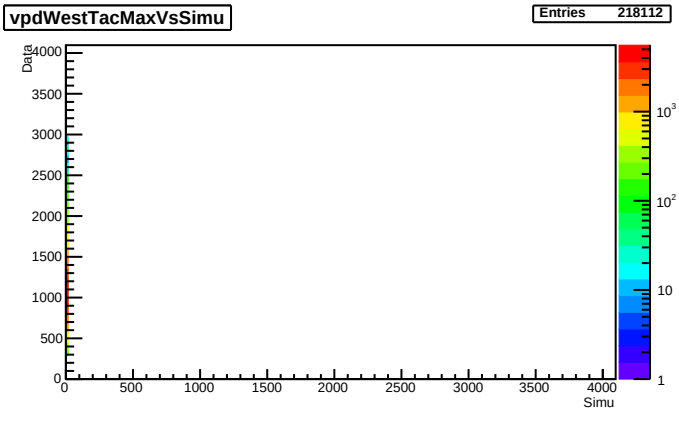

vpdEastTacMax
Entries 287613

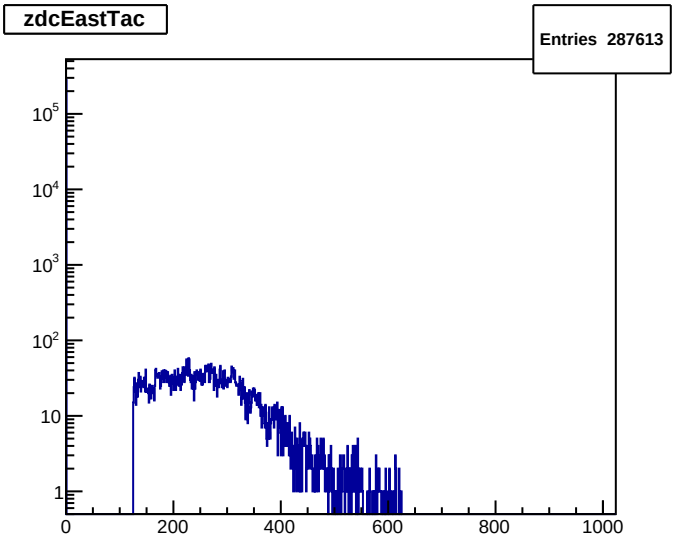

vpdEastTacMaxVsSimu
Entries 187586
Data
Simu

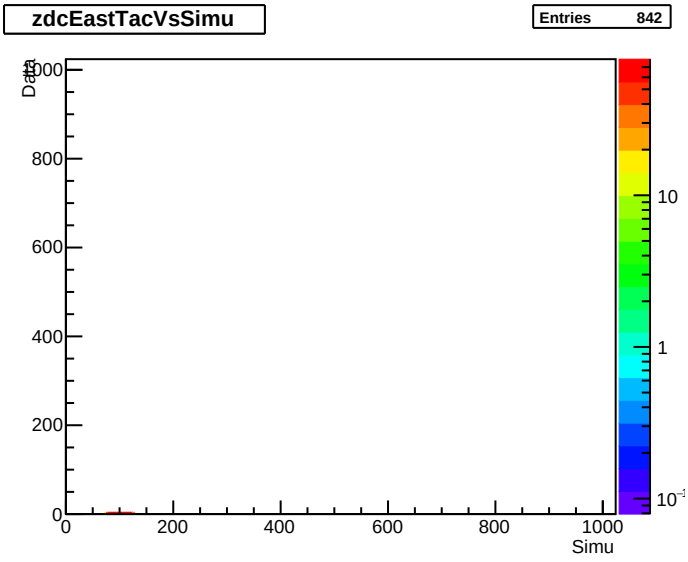

vpdWestAdcSum
Entries 287613

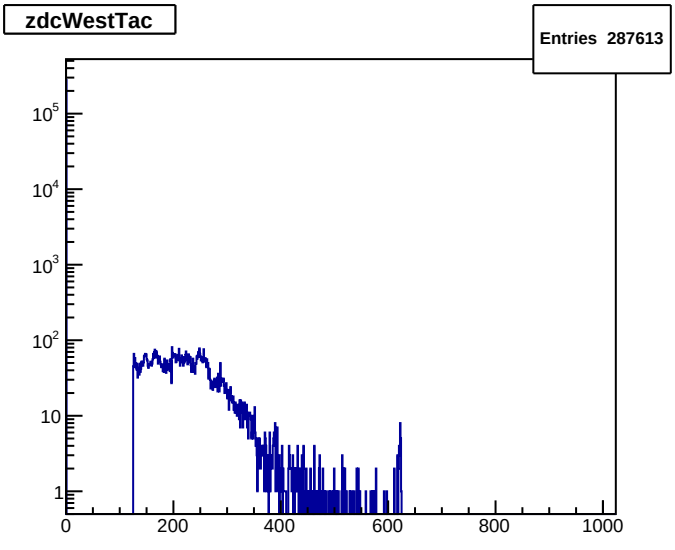

vpdWestAdcSumVsSimu
Entries 218112
Data
Simu

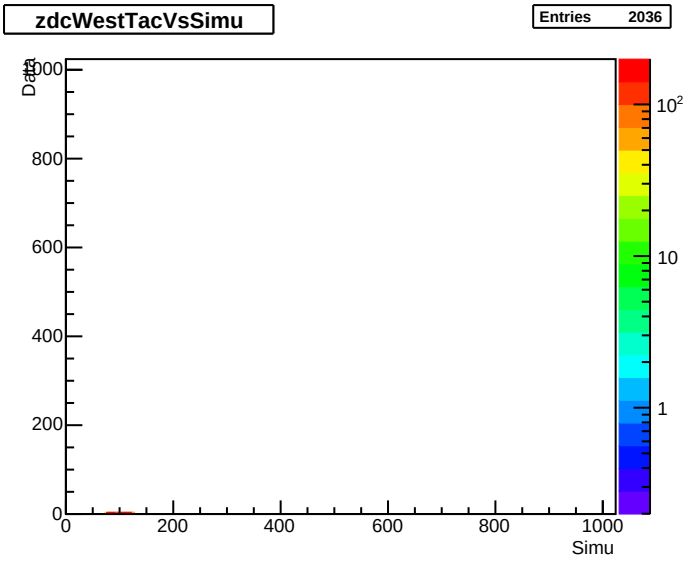

vpdWestTacMax
Entries 287613

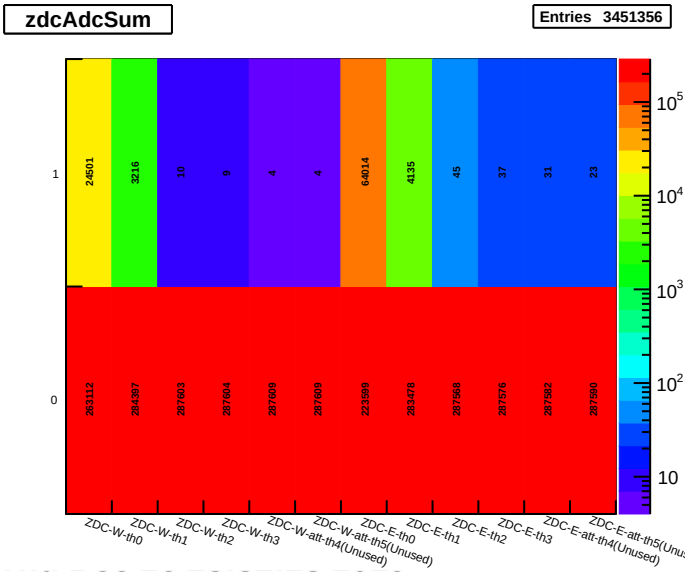

vpdWestTacMaxVsSimu
Entries 218112
Data
Simu

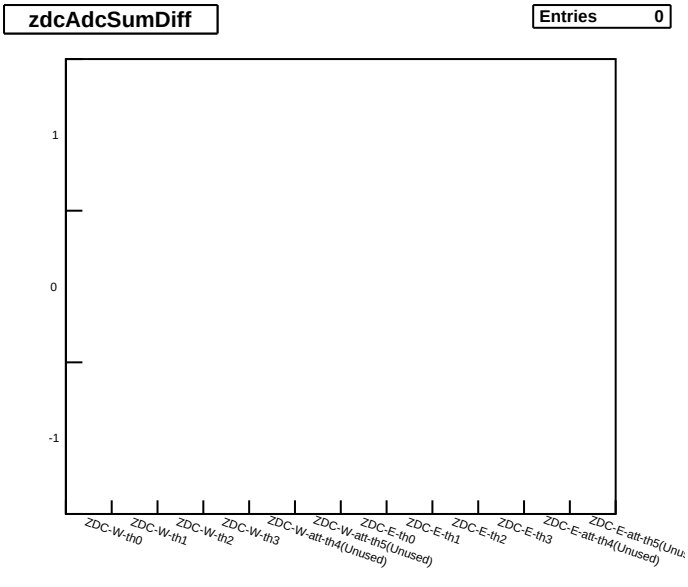

zdcEastTac
Entries 287613

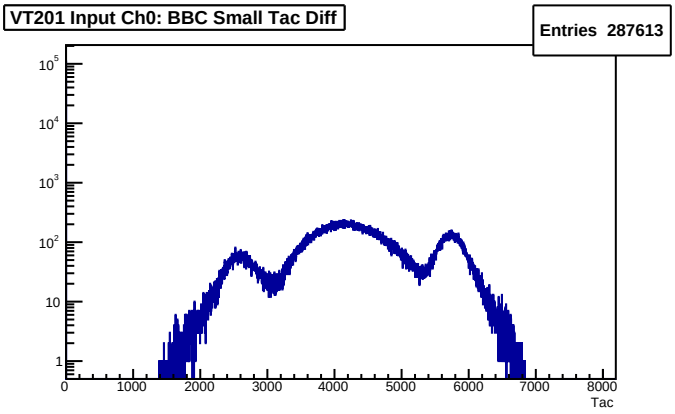

zdcEastTacVsSimu
Entries 842
Data
Simu

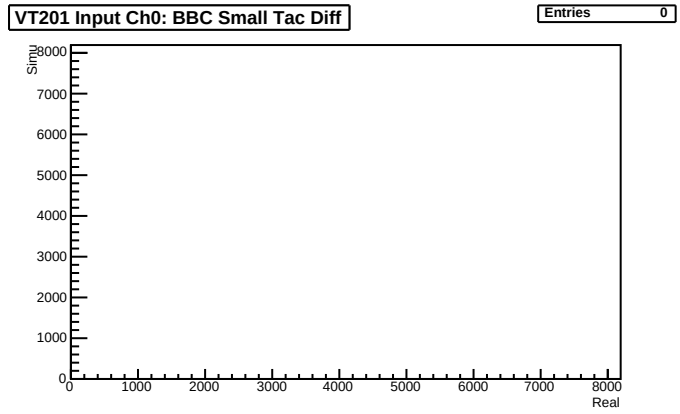

zdcWestTac
Entries 287613

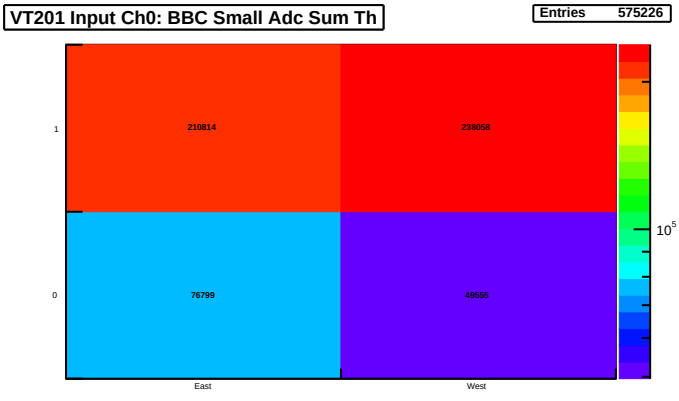

zdcWestTacVsSimu
Entries 2036
Data
Simu

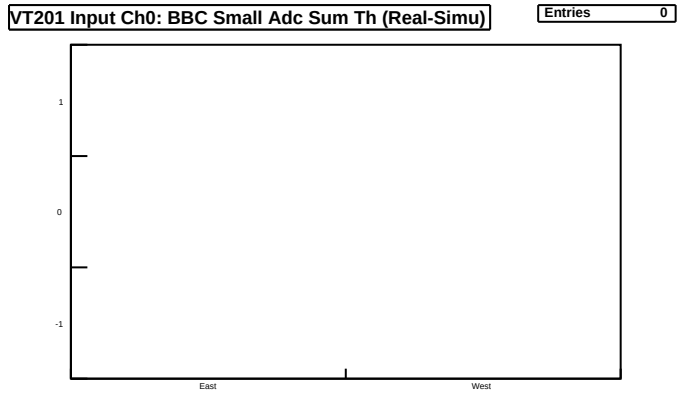

zdcAdcSum
Entries 3451356
24601
3216
10
9
4
4
64014
4135
45
37
31
23
263112
284397
287603
287604
287609
287609
223590
283476
287568
287576
287582
287590
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

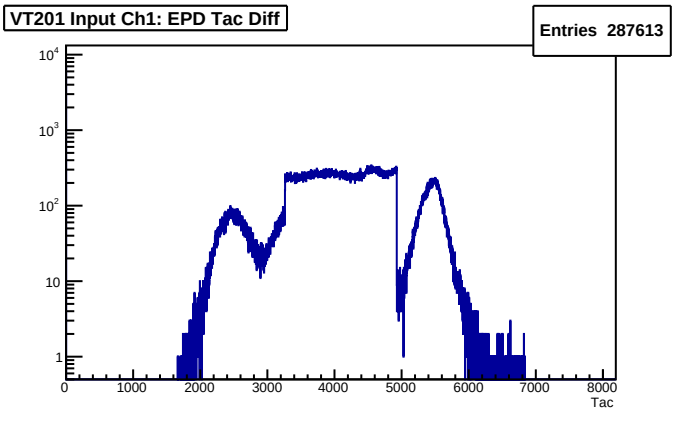

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

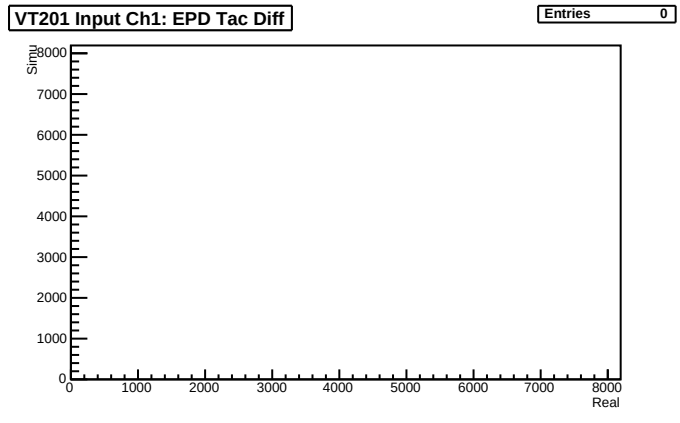

VT201 Input Ch0: BBC Small Tac Diff
Entries 287613
Tac

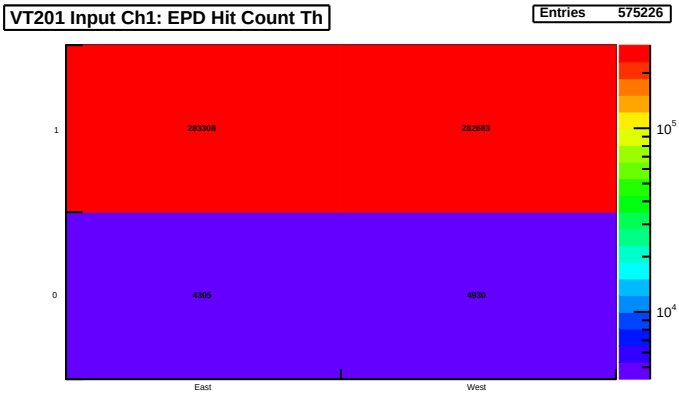

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

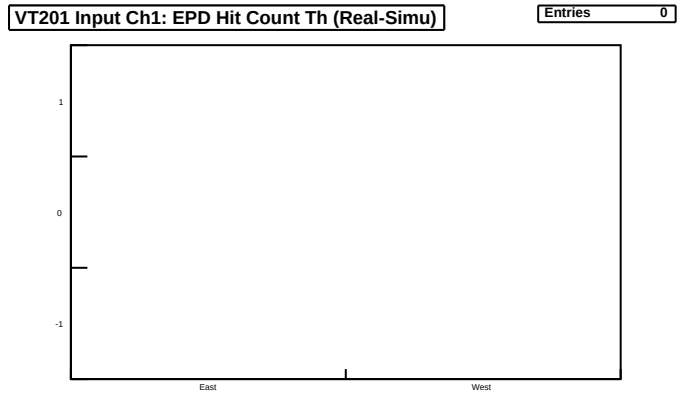

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 575226
210814
238058
76799
49555
East
West

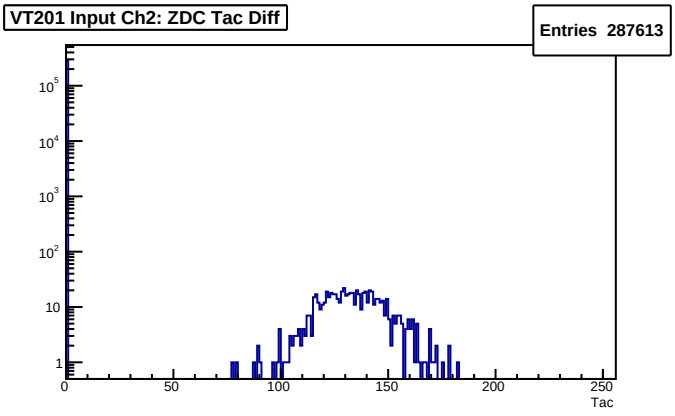

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

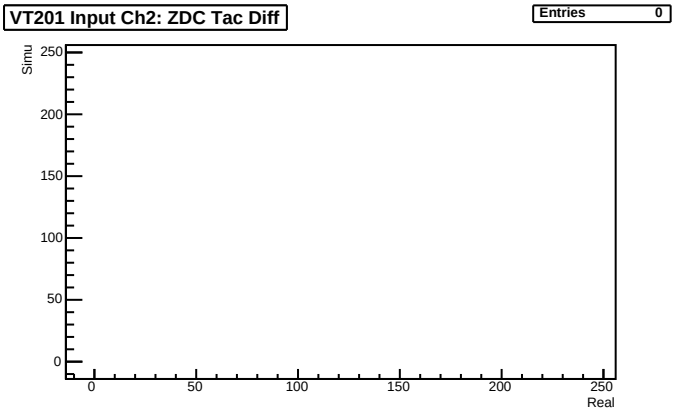

VT201 Input Ch1: EPD Tac Diff
Entries 287613
Tac

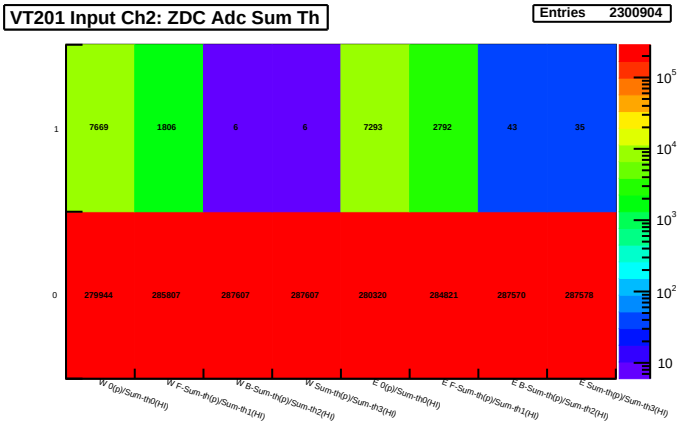

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

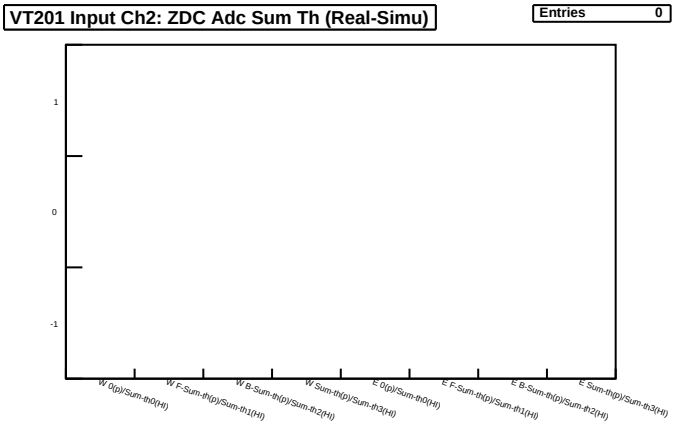

VT201 Input Ch1: EPD Hit Count Th
Entries 575226
283308
282683
4305
4930
East
West

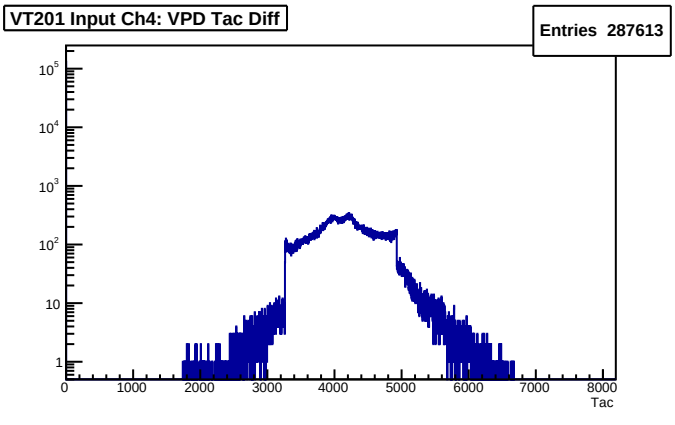

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

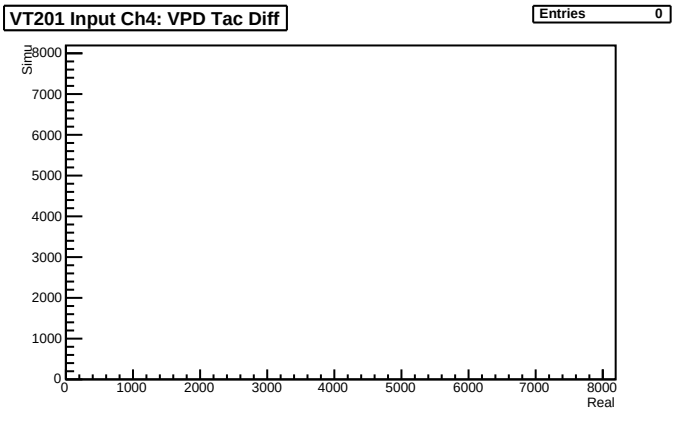

VT201 Input Ch2: ZDC Tac Diff
Entries 287613
Tac

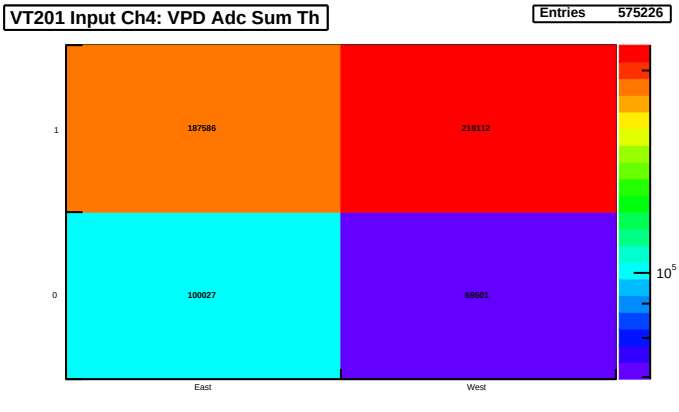

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

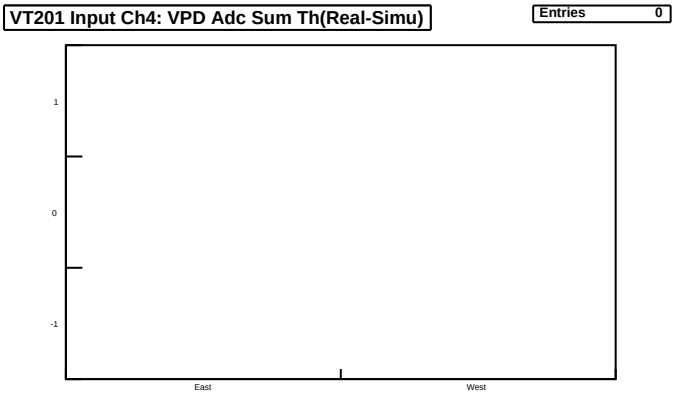

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2300904
7669
1806
6
6
7293
2792
43
35
279944
285807
287607
287607
280320
284821
287570
287578
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

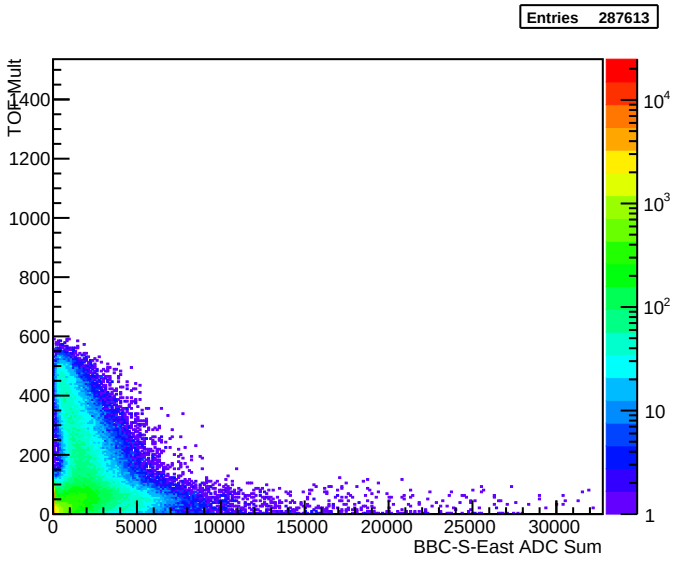

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

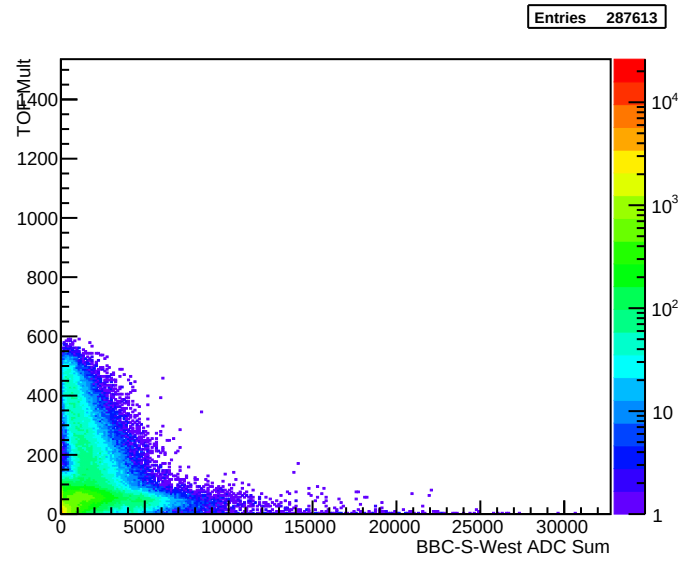

VT201 Input Ch4: VPD Tac Diff
Entries 287613
Tac

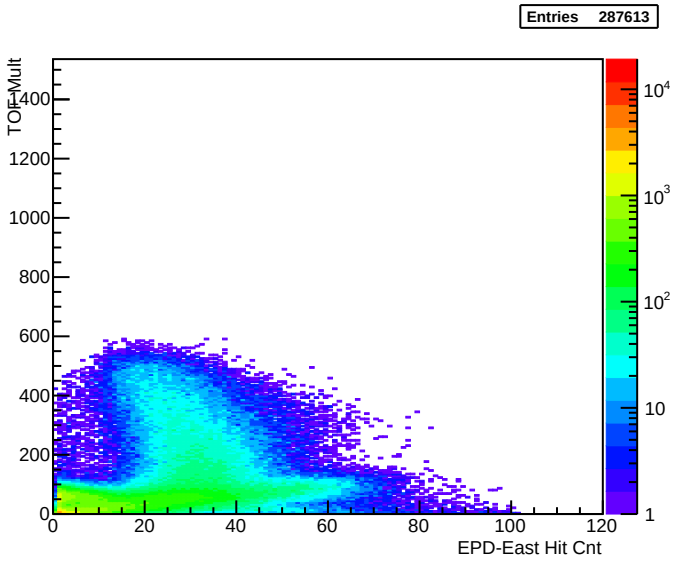

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

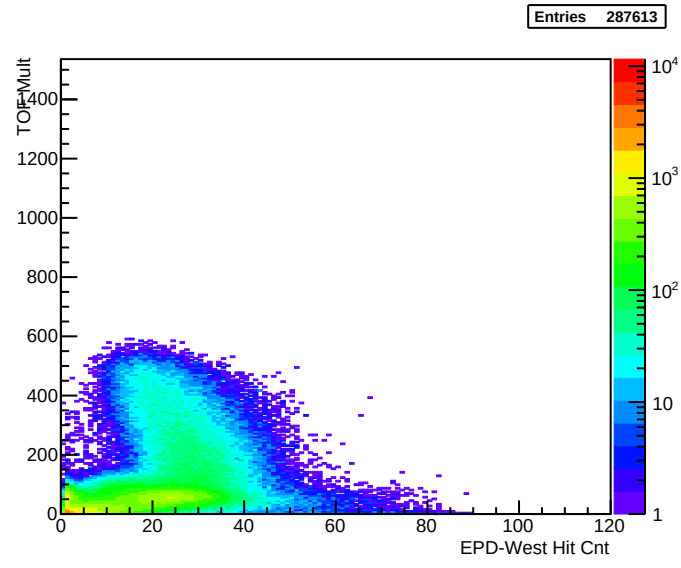

VT201 Input Ch4: VPD Adc Sum Th
Entries 575226
187586
218112
100027
69501
East
West

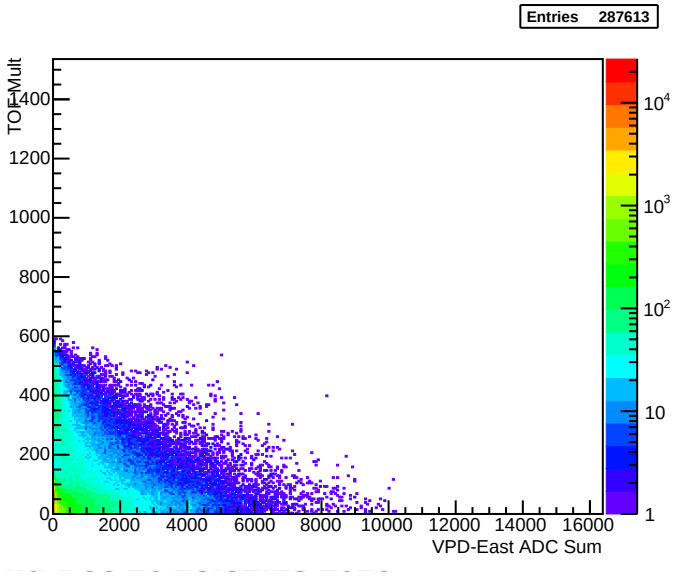

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

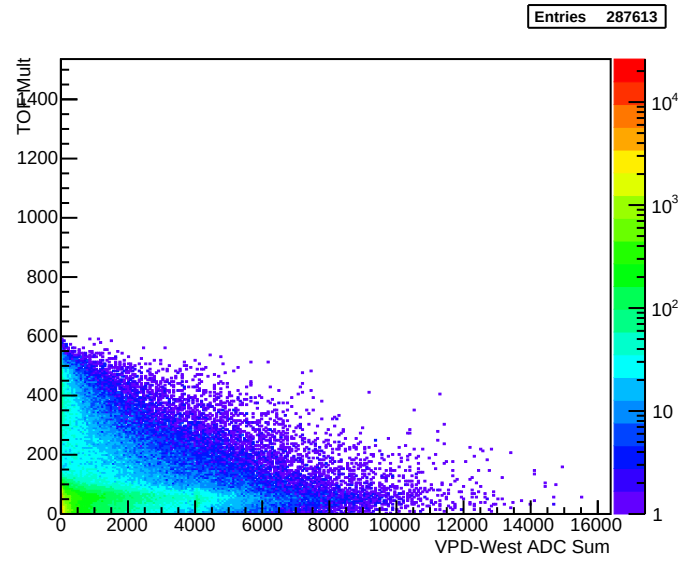

Entries 287613
TOF-Mult
BBC-S-East ADC Sum

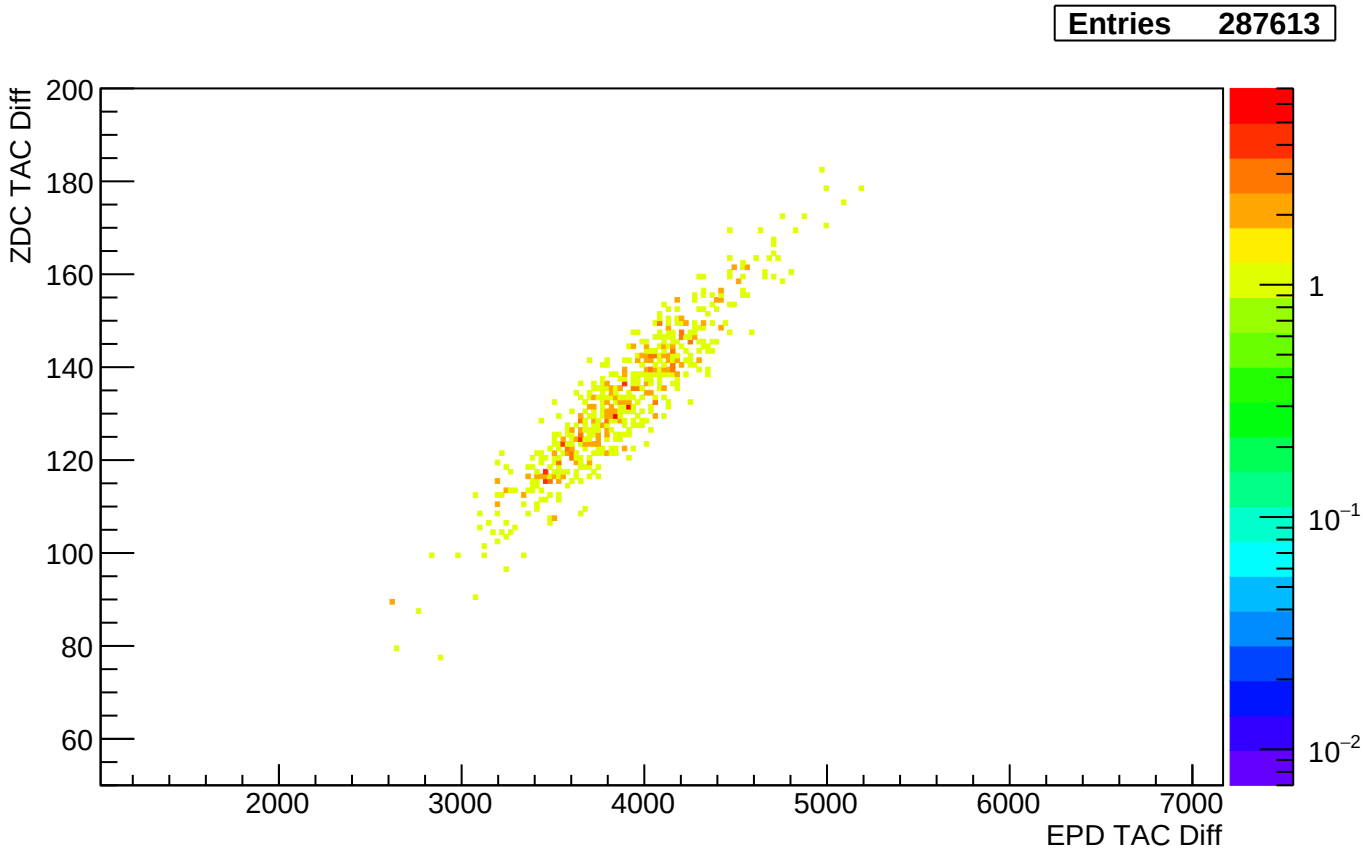

Entries 287613
TOF-Mult
BBC-S-West ADC Sum

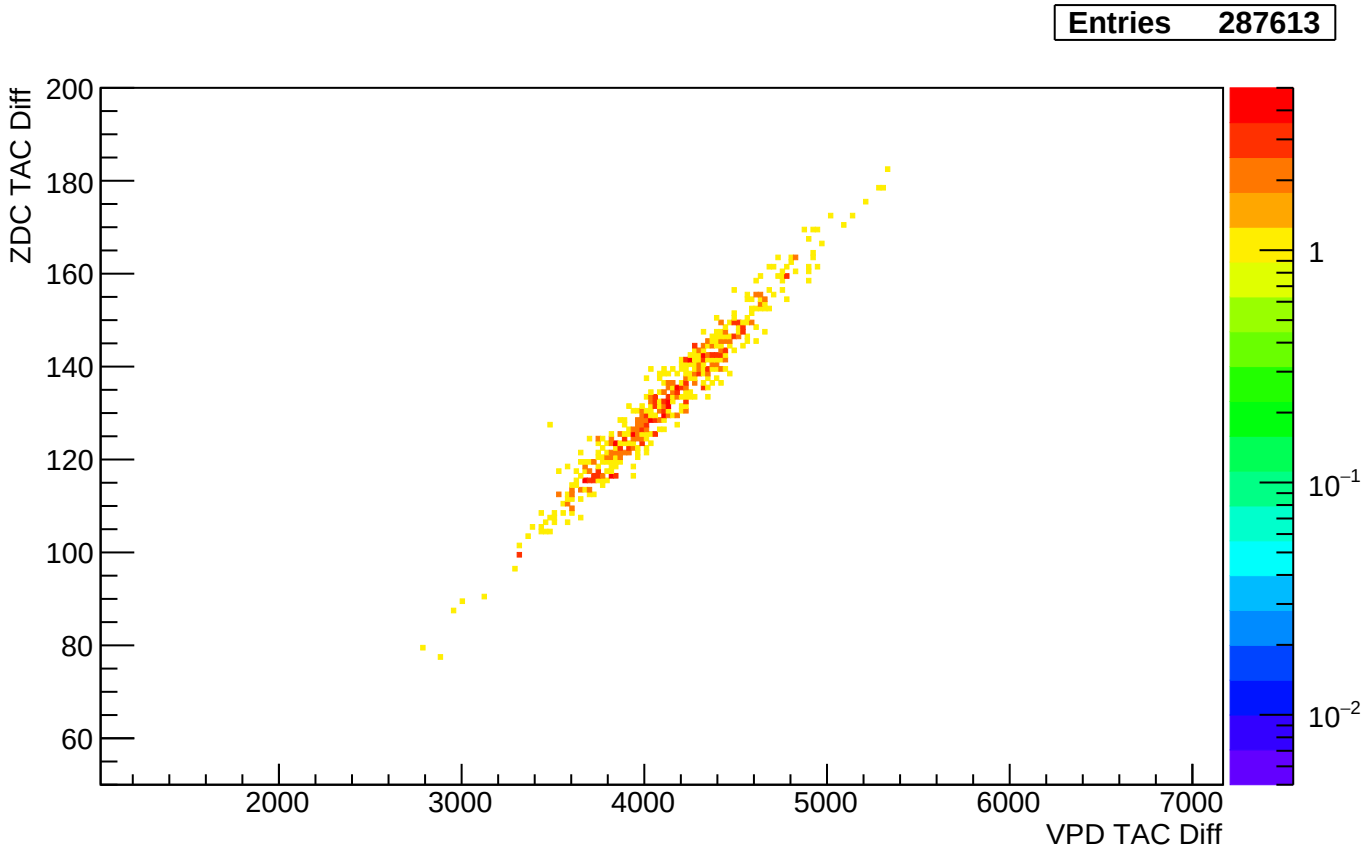

Entries 287613
TOF-Mult
EPD-East Hit Cnt

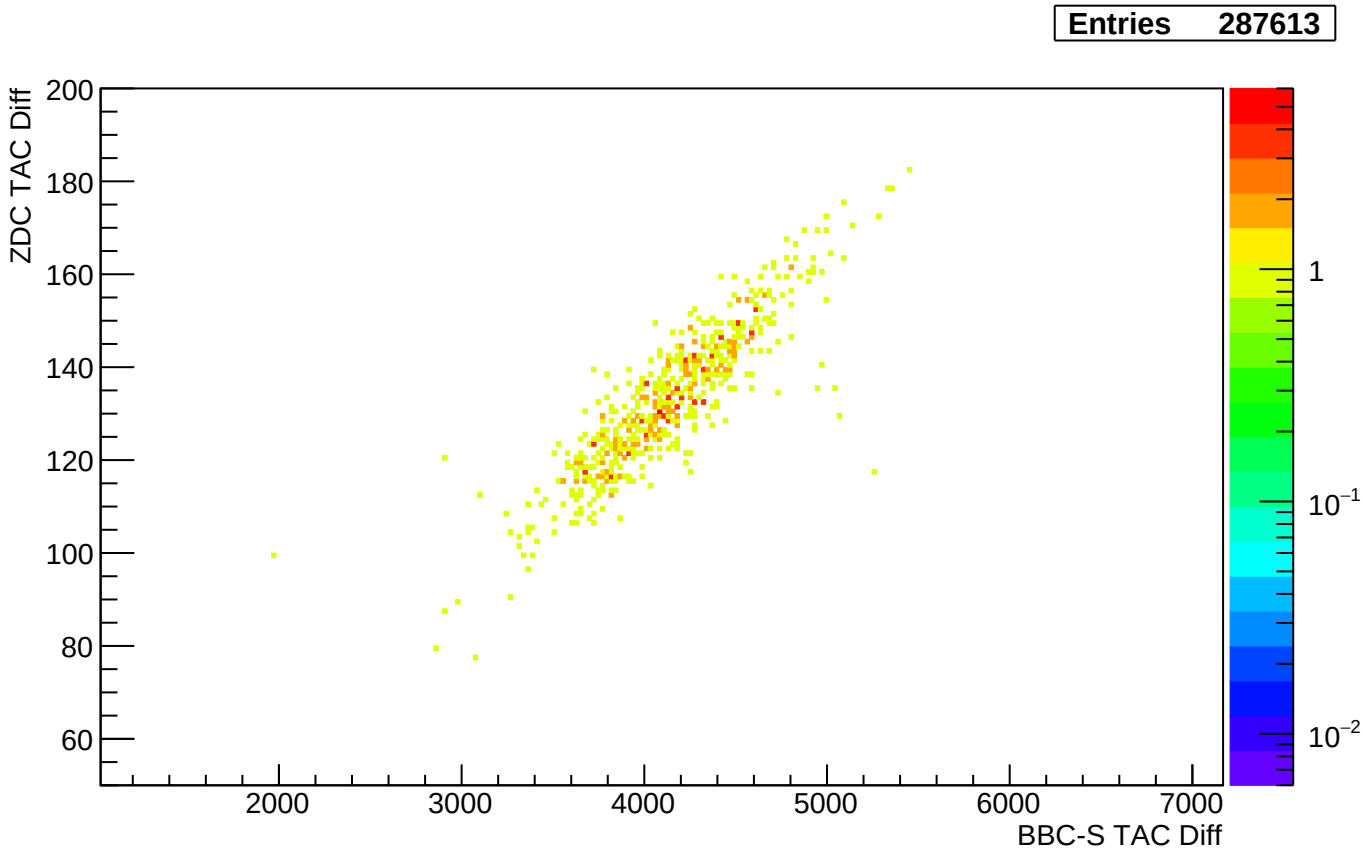

Entries 287613
TOF-Mult
EPD-West Hit Cnt

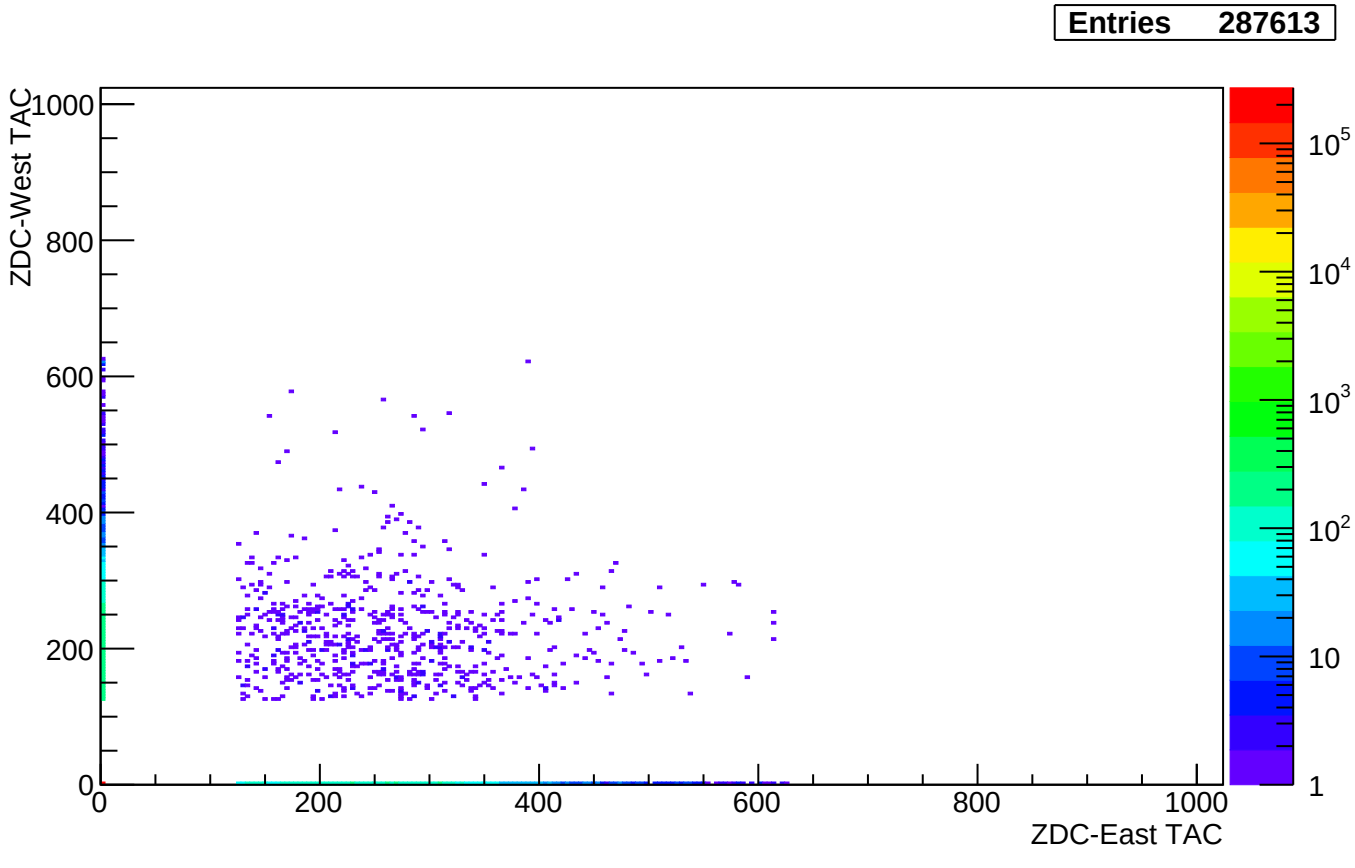

Entries 287613
TOF-Mult
VPD-East ADC Sum

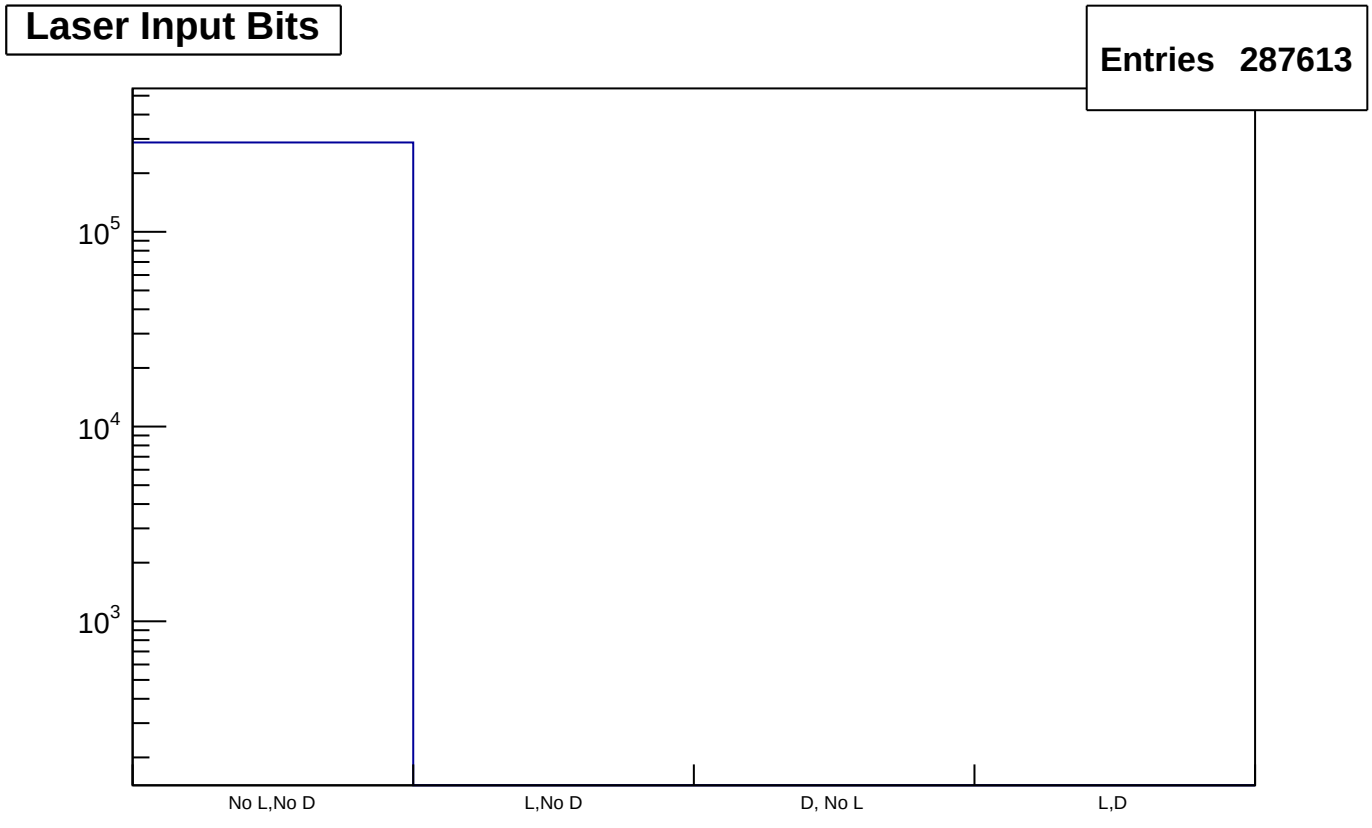

Entries 287613
TOF-Mult
VPD-West ADC Sum

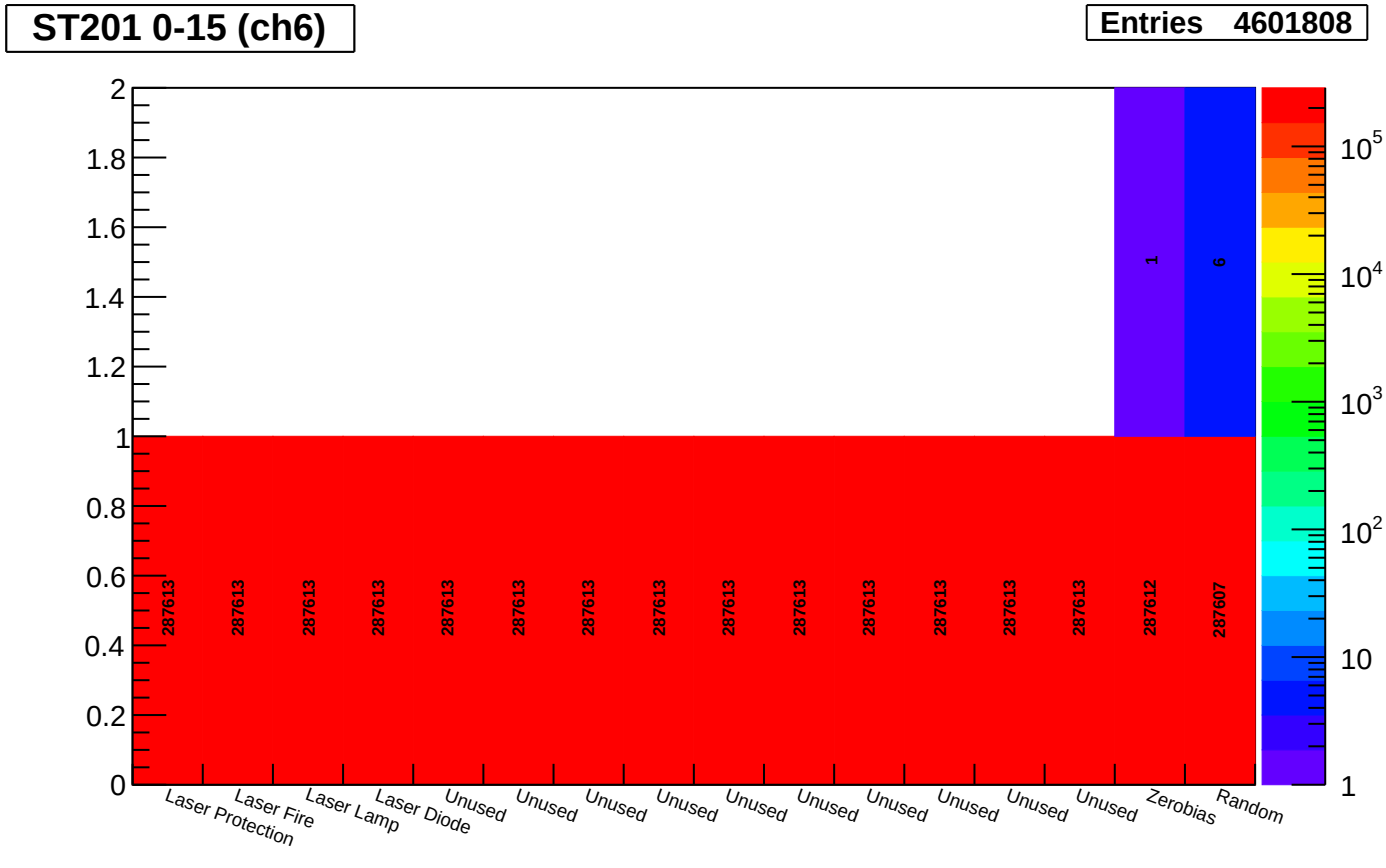

Entries 287613
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

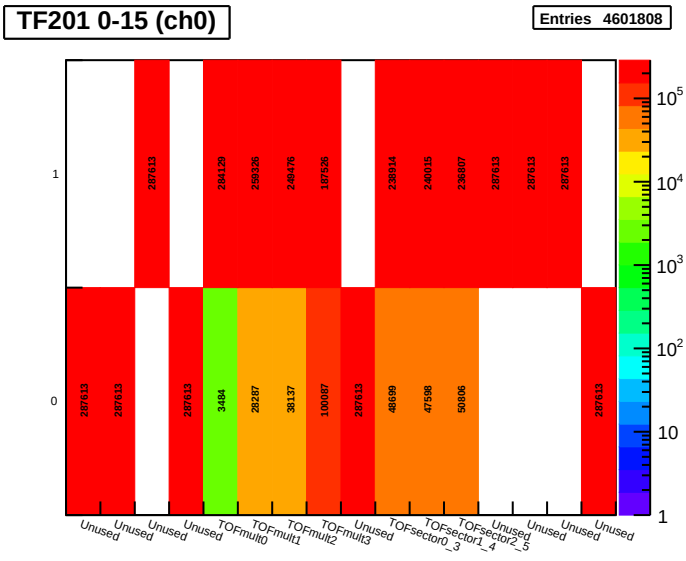

Entries 287613
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

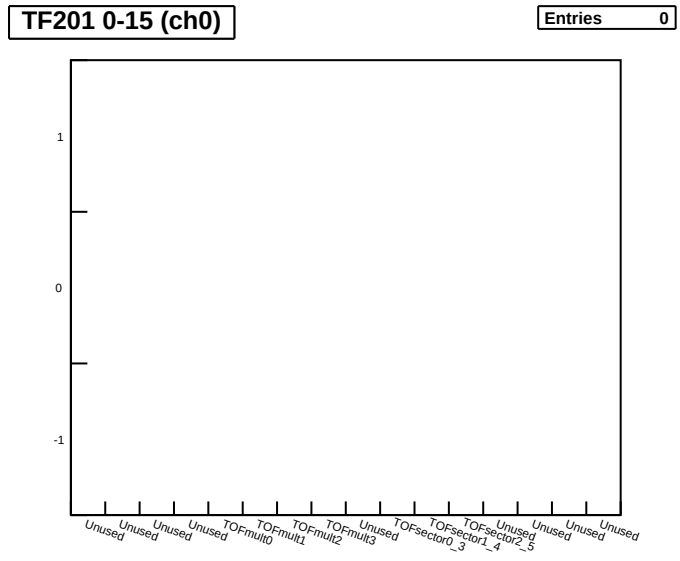

Entries 287613
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

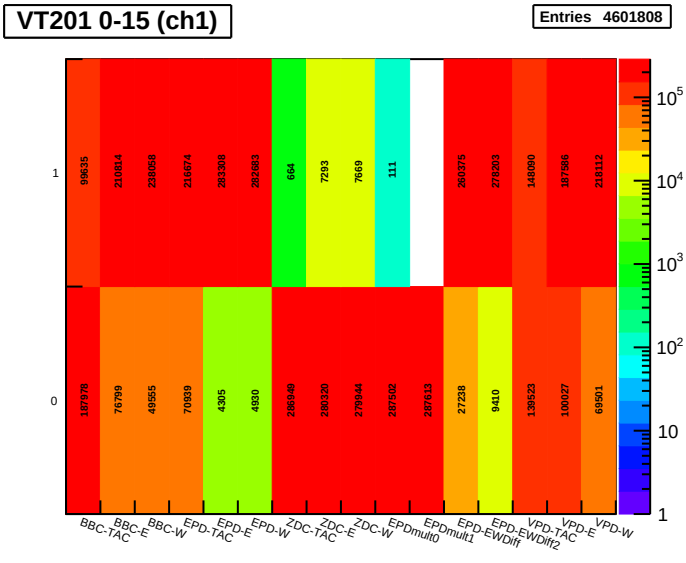

Entries 287613
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

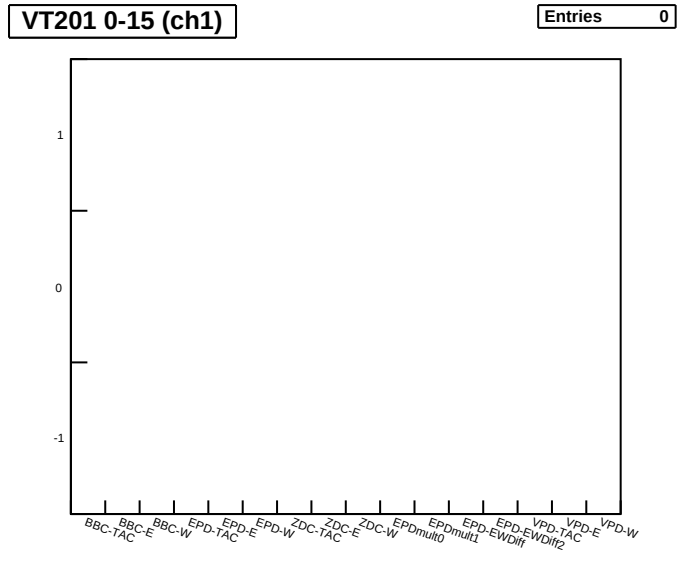

Laser Input Bits
Entries 287613
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

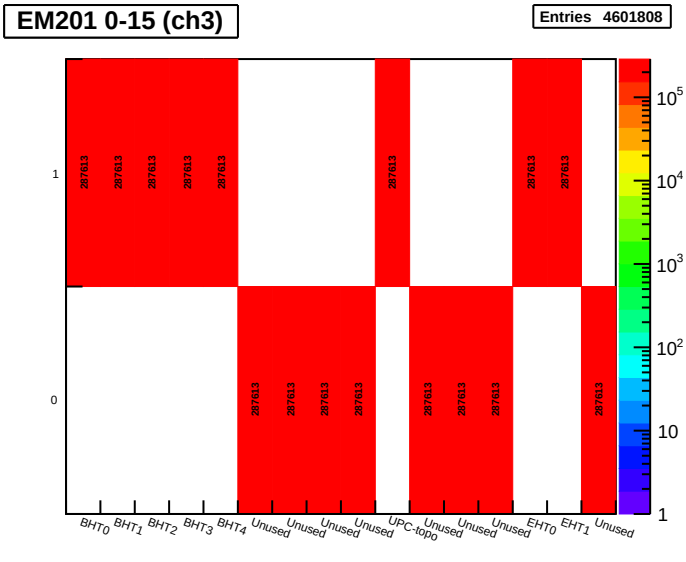

ST201 0-15 (ch6)
Entries 4601808
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
287613
287613
287613
287613
287613
287613
287613
287613
287613
287613
287613
287613
287613
287613
287612
287607
1
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

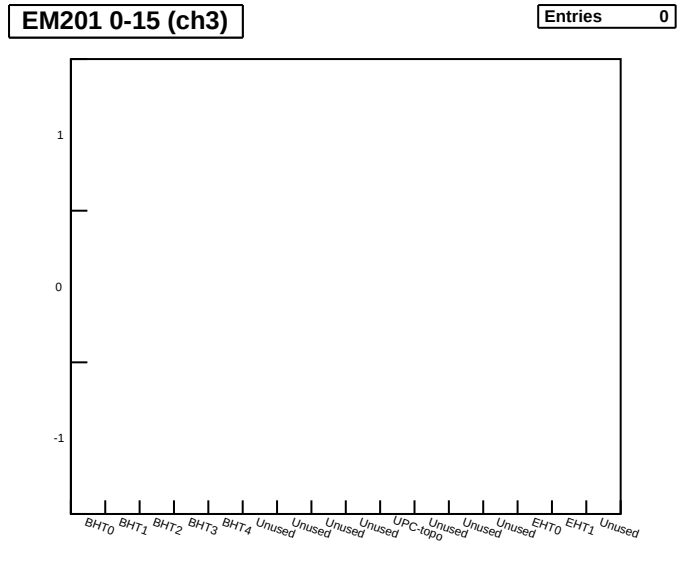

TF201 0-15 (ch0)
Entries 4601808
287613
284129
289326
248476
187526
238914
240015
238807
287613
287613
287613
287613
287613
287613
3484
29287
38137
100087
287613
48699
47598
50806
287613
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


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


VT201 0-15 (ch1)
Entries 4601808
99635
210814
230058
216674
283308
282683
664
7293
7669
111
260375
278203
148090
187586
218112
187978
76799
49555
70939
4305
4930
286949
280320
279944
287502
287613
27238
9410
139523
100027
69501
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


VT201 0-15 (ch1)
Entries 0
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 4601808
287613
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1


EM201 0-15 (ch3)
Entries 0
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1