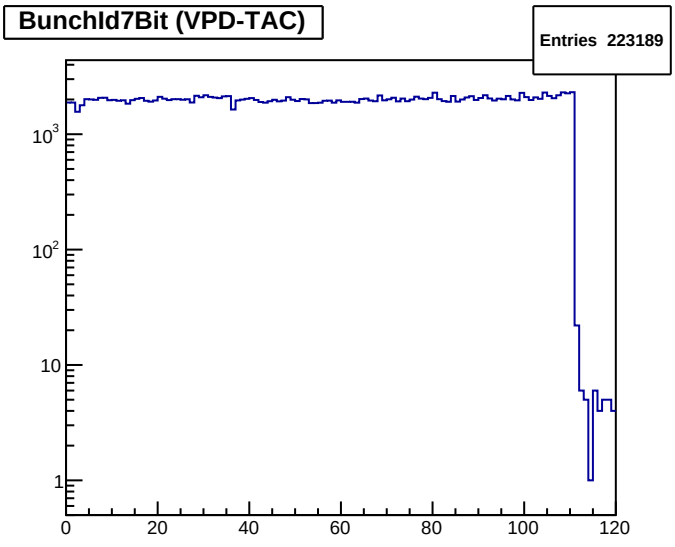
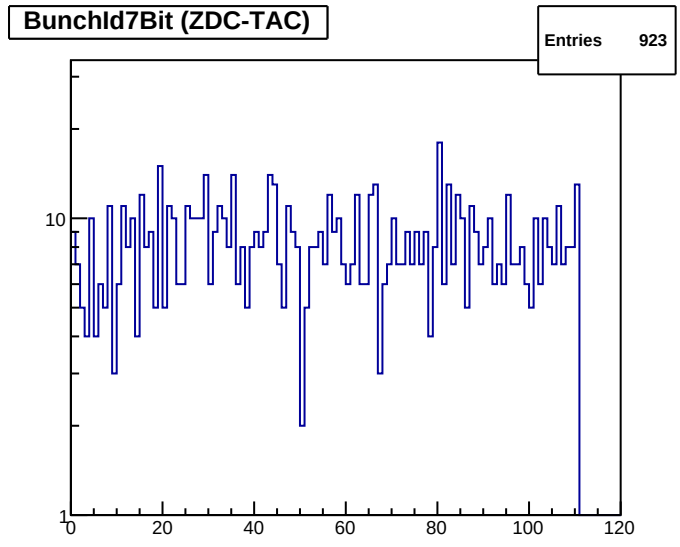
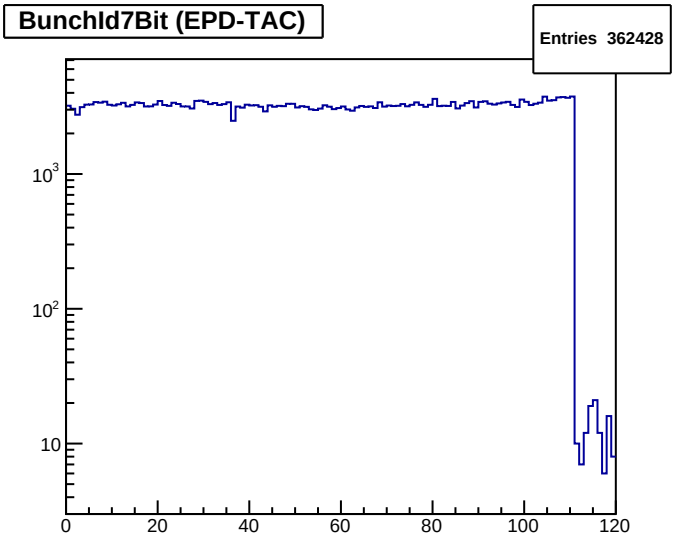
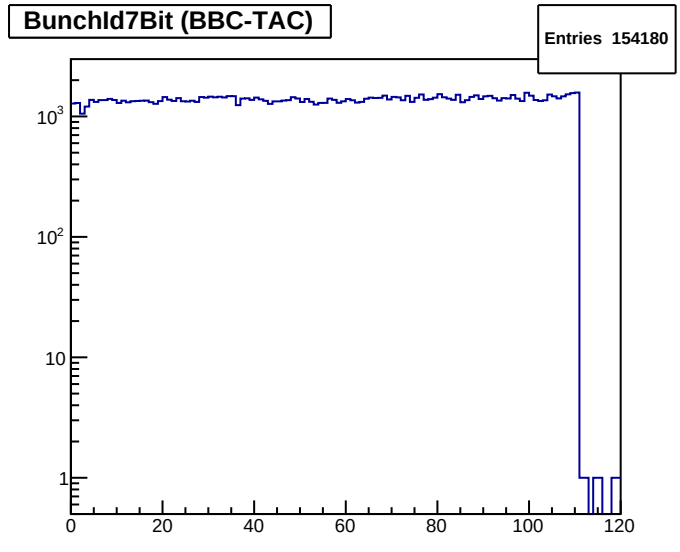
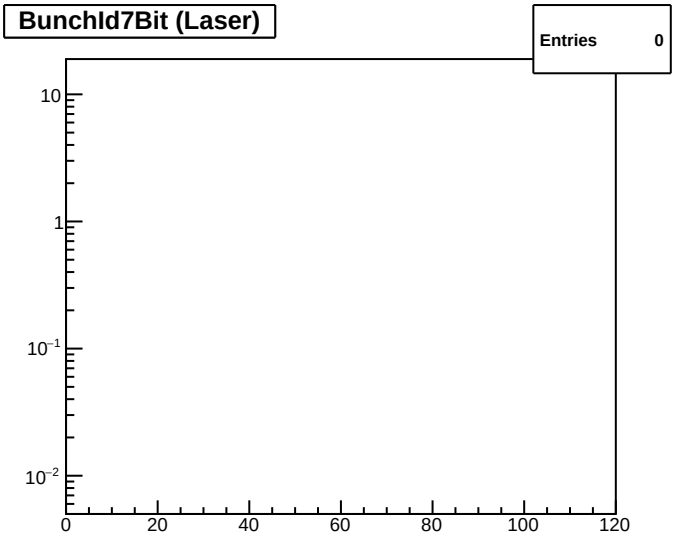
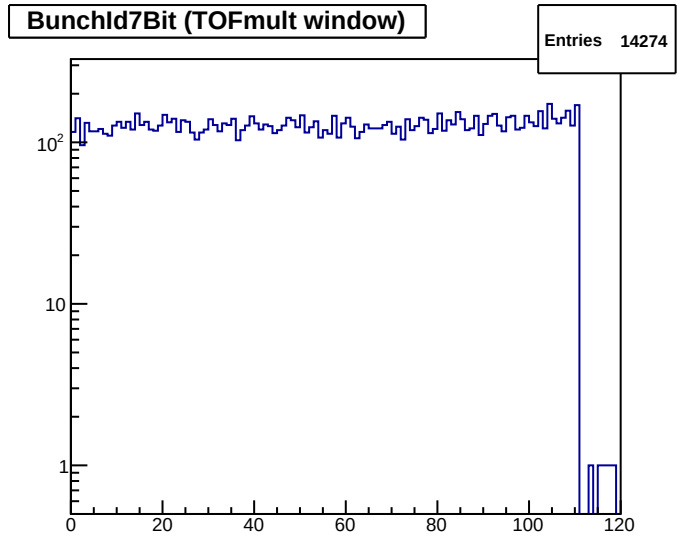

BunchId7Bit (VPD-TAC)
Entries 223189

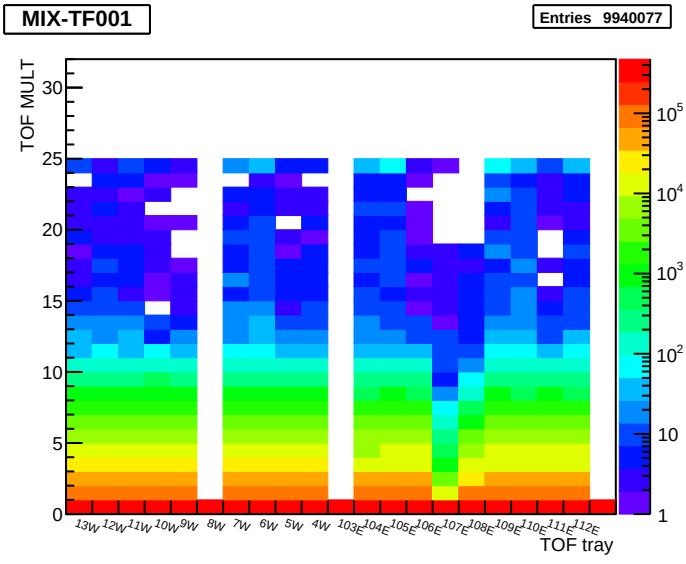

BunchId7Bit (ZDC-TAC)
Entries 923

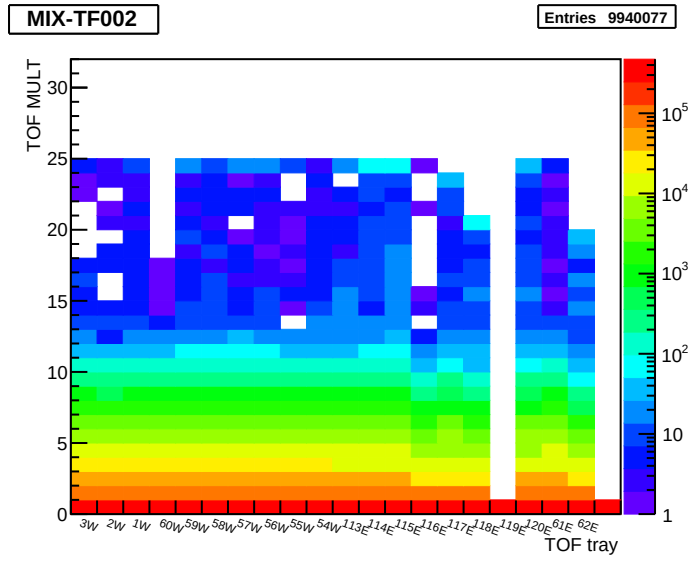

BunchId7Bit (EPD-TAC)
Entries 362428

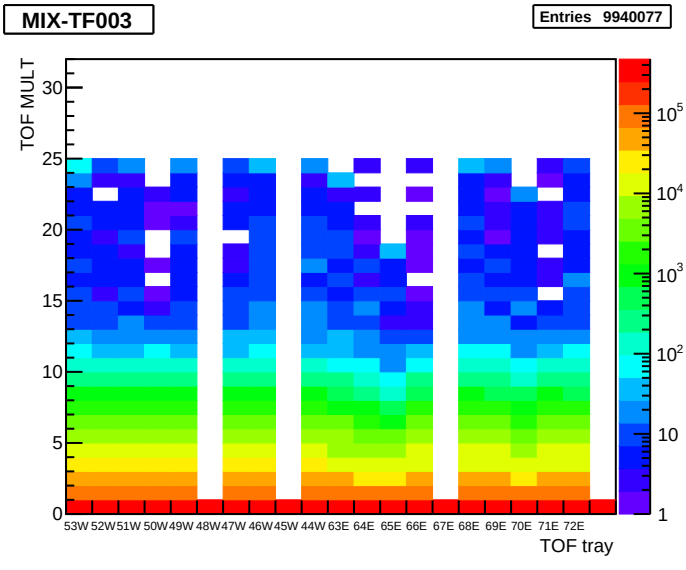

BunchId7Bit (BBC-TAC)
Entries 154180

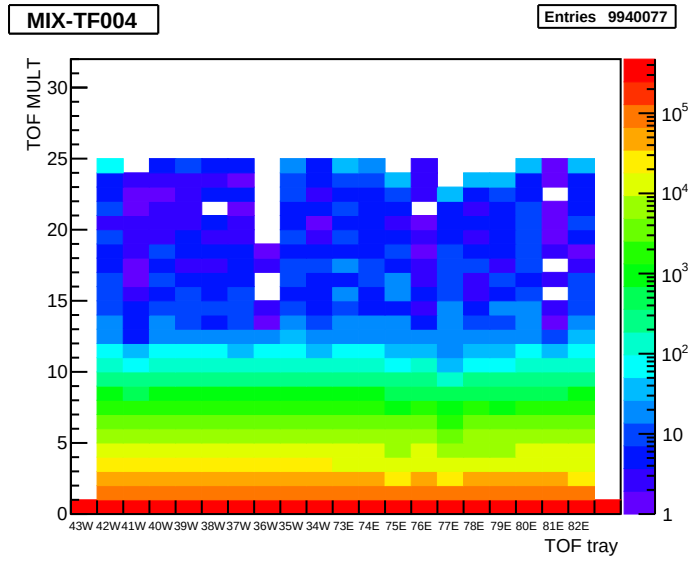

BunchId7Bit (Laser)
Entries 0

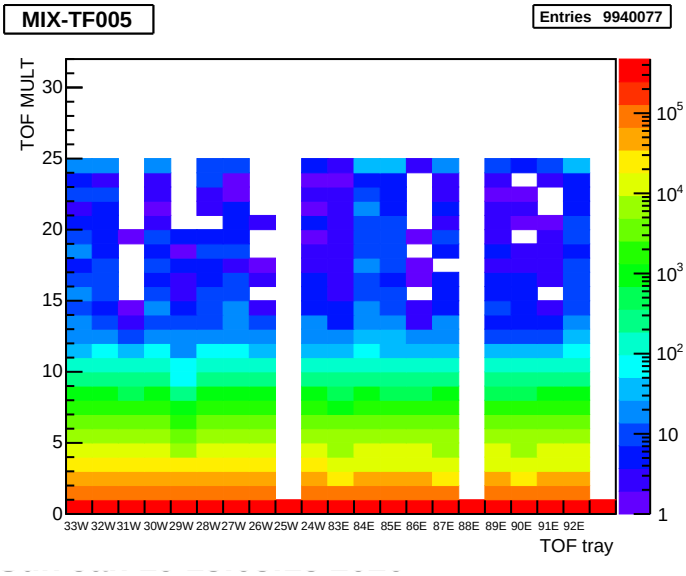

BunchId7Bit (TOFmult window)
Entries 14274

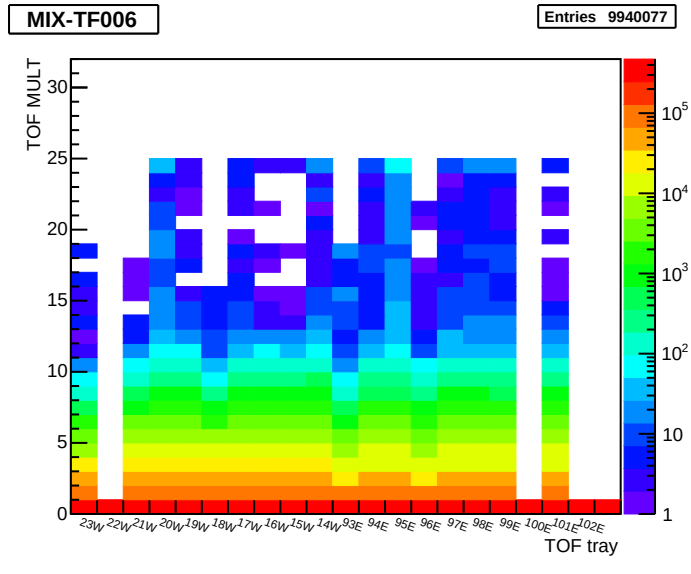

MIX-TF001
Entries 9940077
TOF MULT
TOF tray

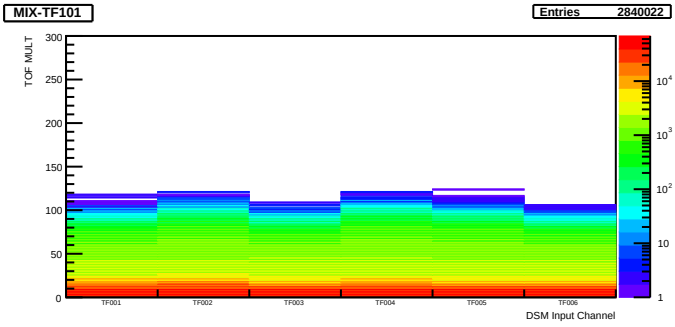

MIX-TF002
Entries 9940077
TOF MULT
TOF tray

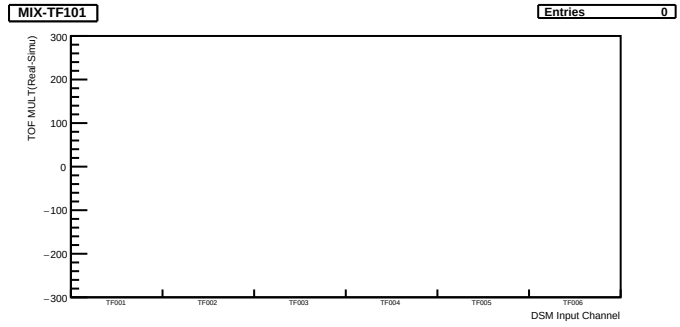

MIX-TF003
Entries 9940077
TOF MULT
TOF tray

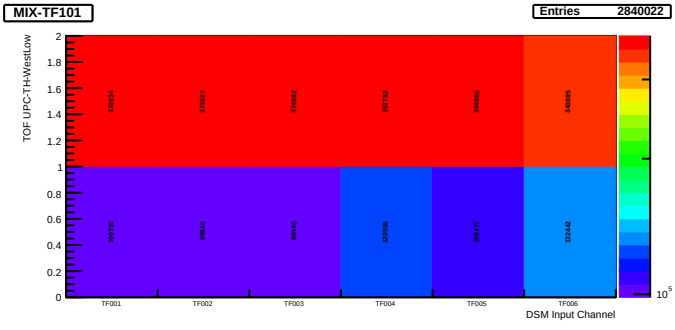

MIX-TF004
Entries 9940077
TOF MULT
TOF tray

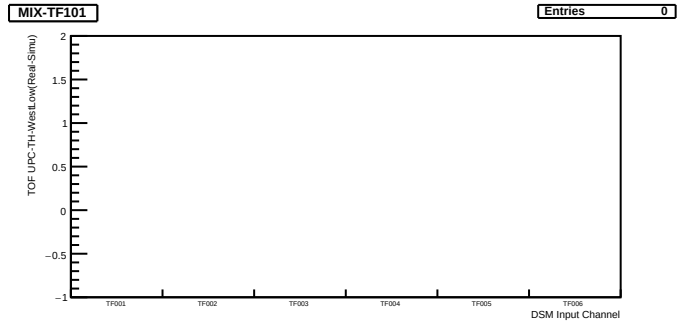

MIX-TF005
Entries 9940077
TOF MULT
TOF tray

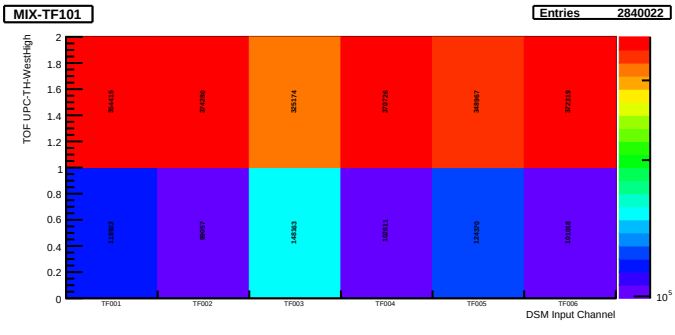

MIX-TF006
Entries 9940077
TOF MULT
TOF tray

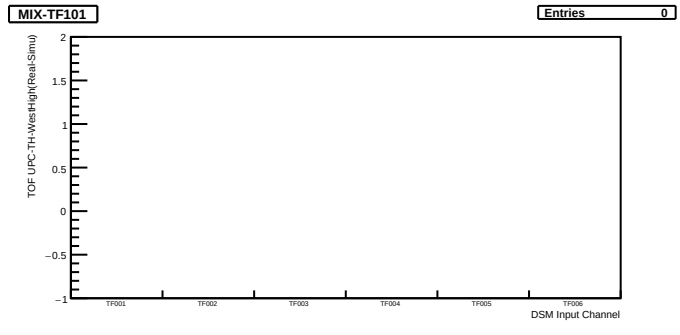

MIX-TF101
Entries 2840022
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

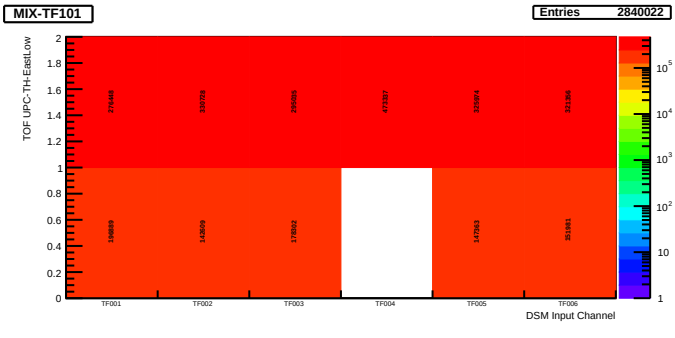

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

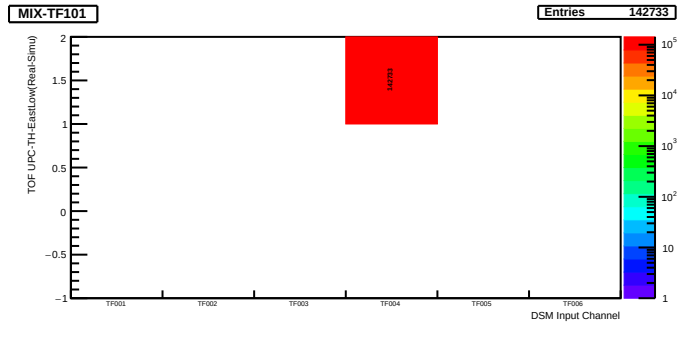

MIX-TF101
Entries 2840022
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

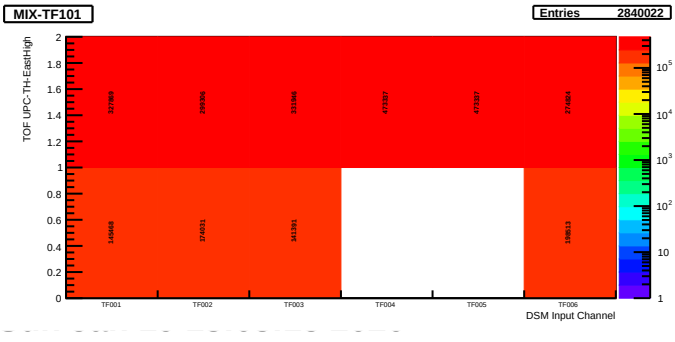

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

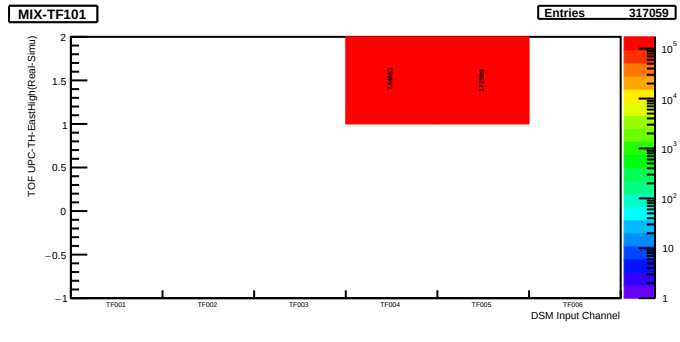

MIX-TF101
Entries 2840022
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

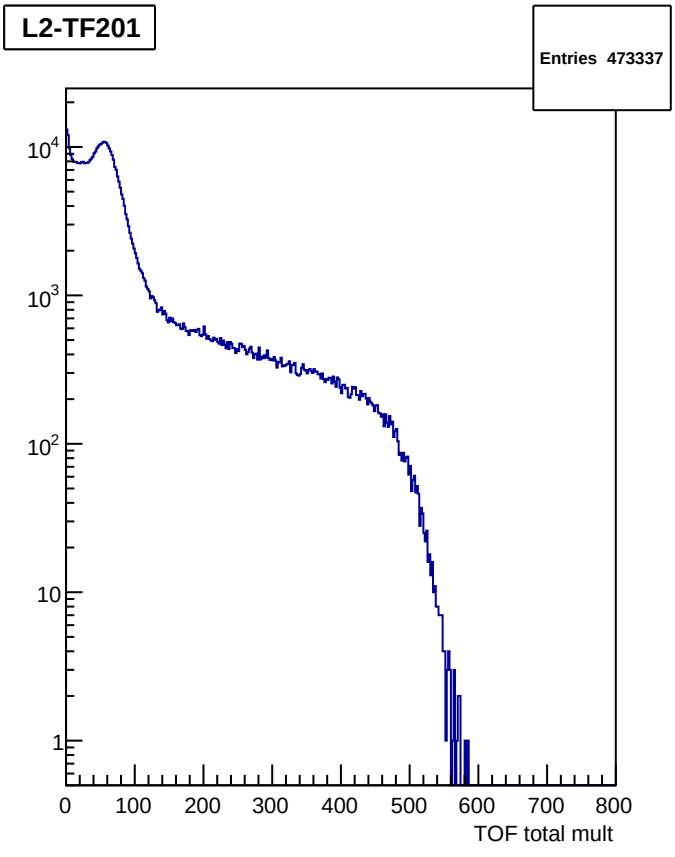

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

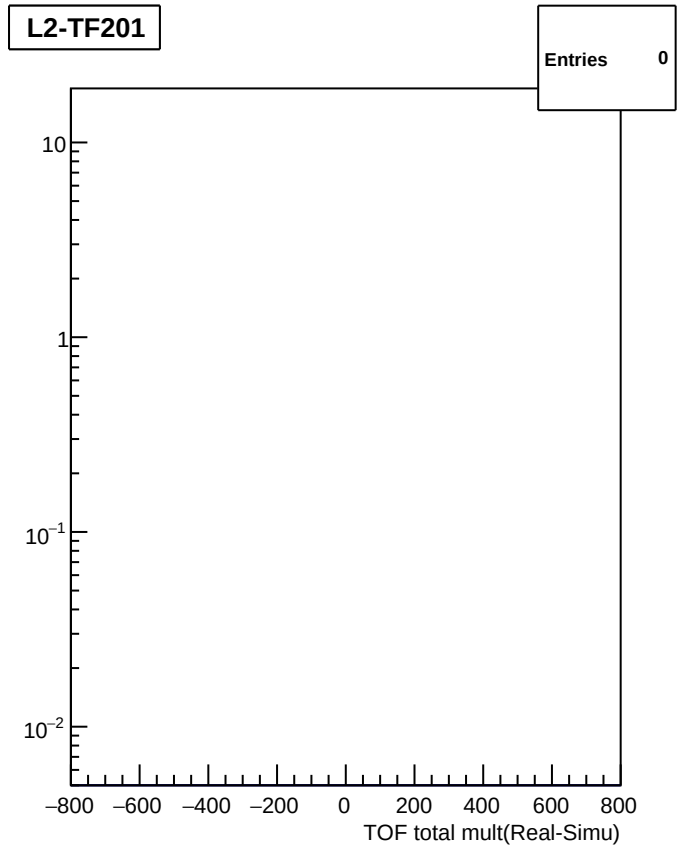

MIX-TF101
Entries 2840022
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

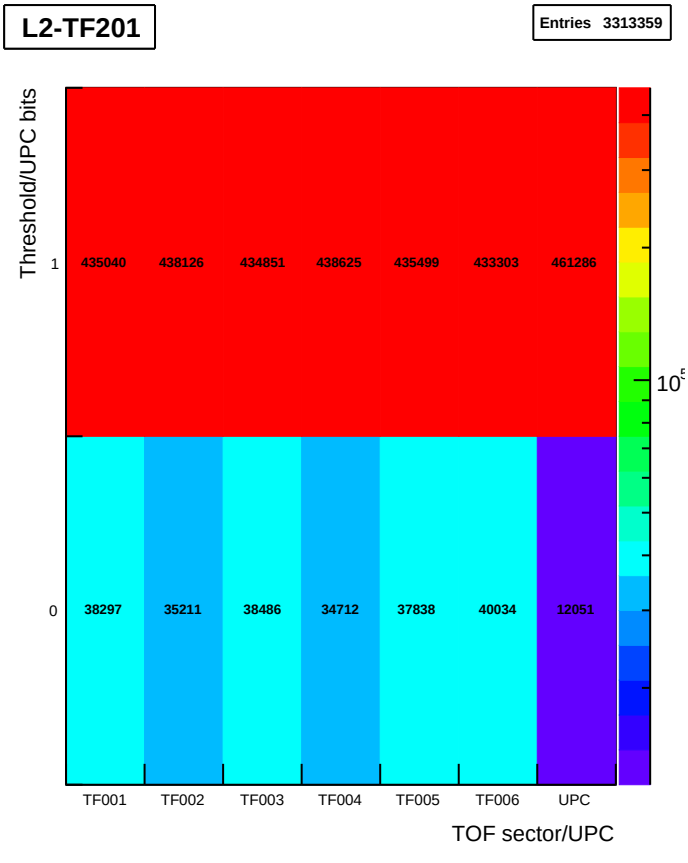

MIX-TF101
Entries 142733
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

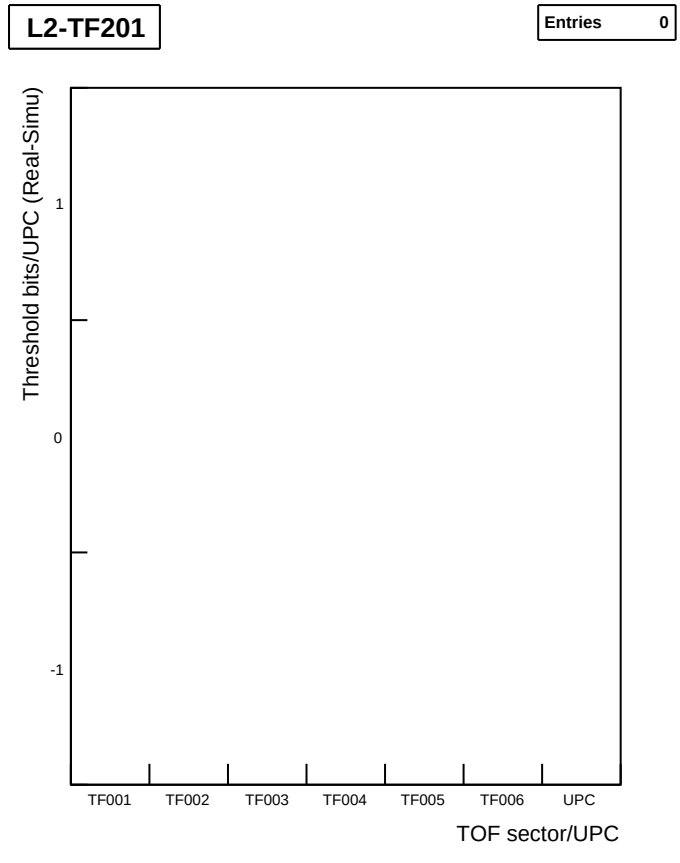

MIX-TF101
Entries 2840022
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

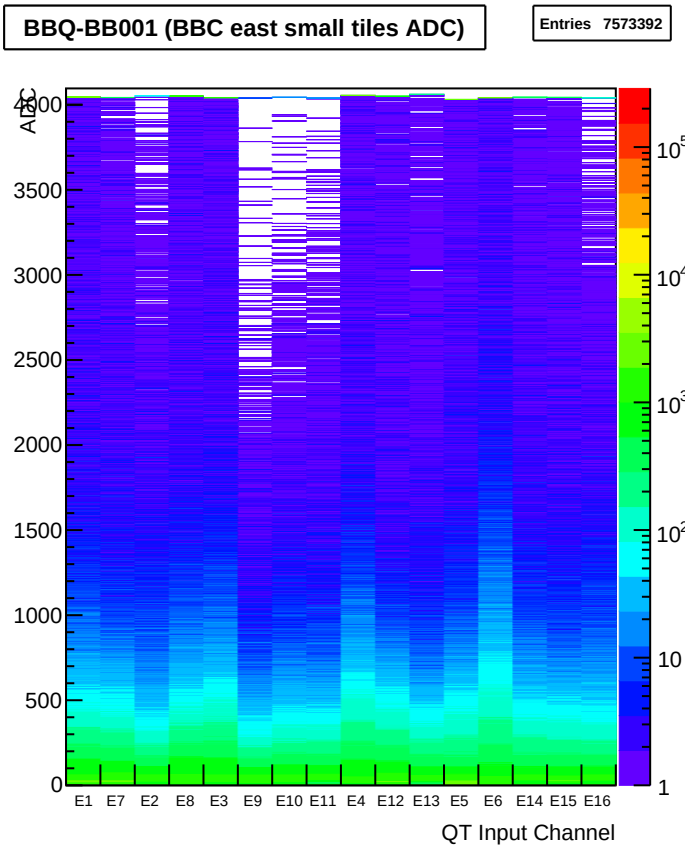

MIX-TF101
Entries 317059
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

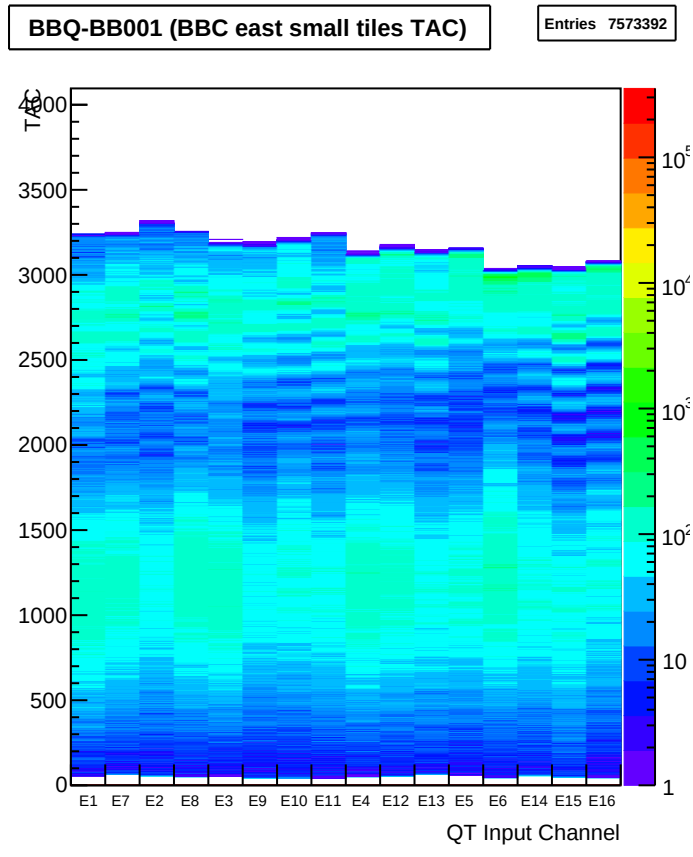

L2-TF201
Entries 473337
TOF total mult

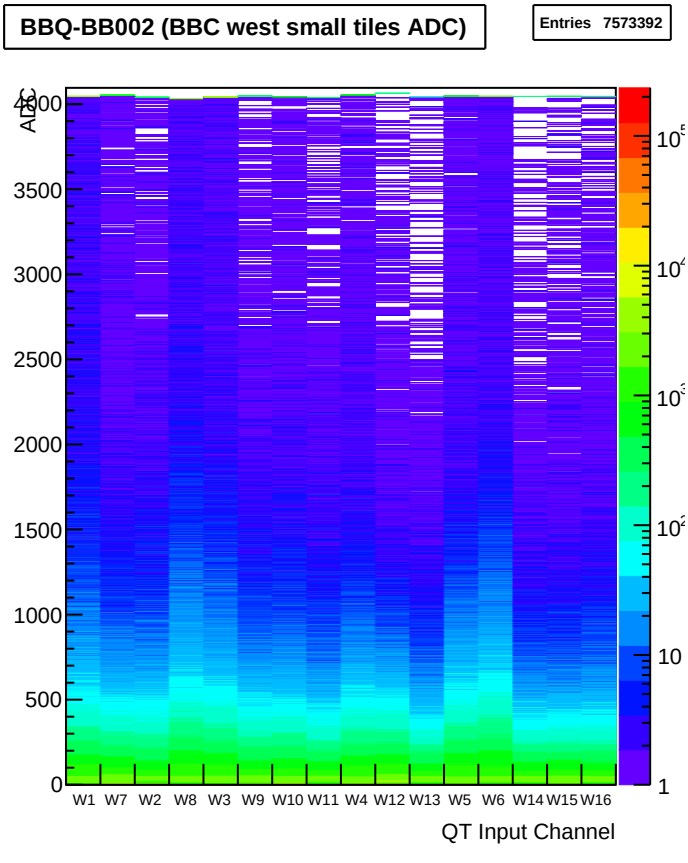

L2-TF201
Entries 0
TOF total mult(Real-Simu)

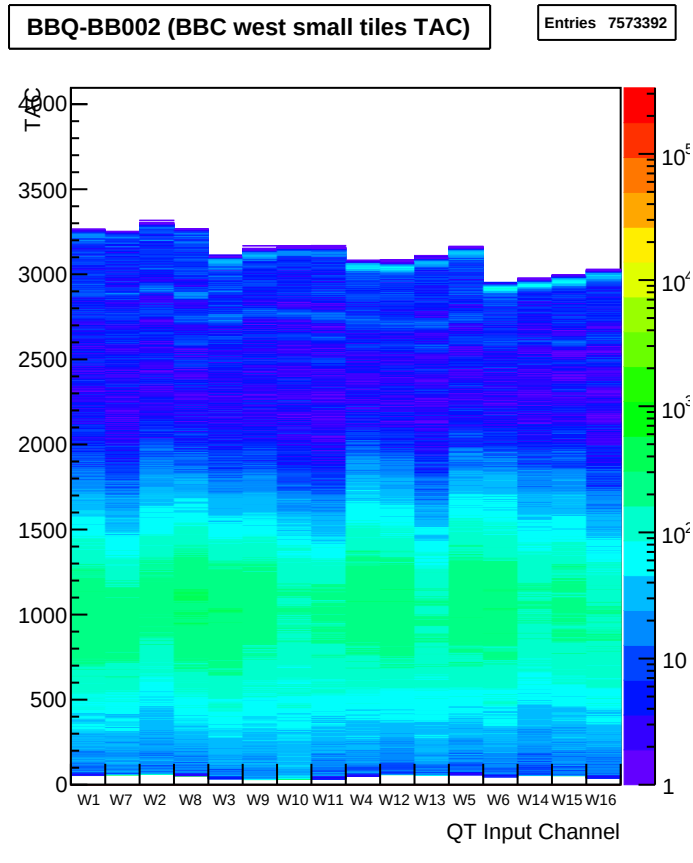

L2-TF201
Entries 3313359
Threshold/UPC bits
435040
438126
434851
438625
435499
433303
461286
38297
35211
38486
34712
37838
40034
12051
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

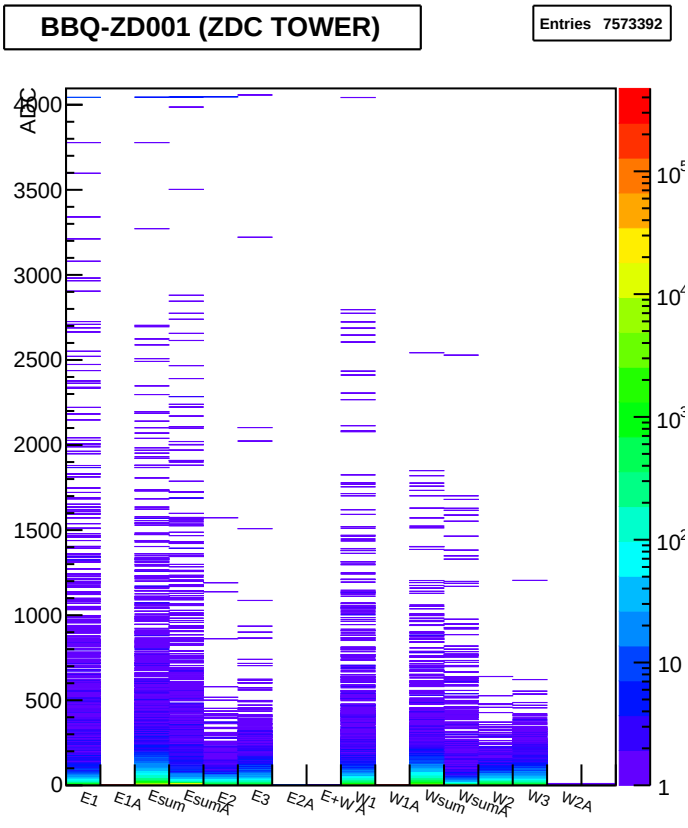

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

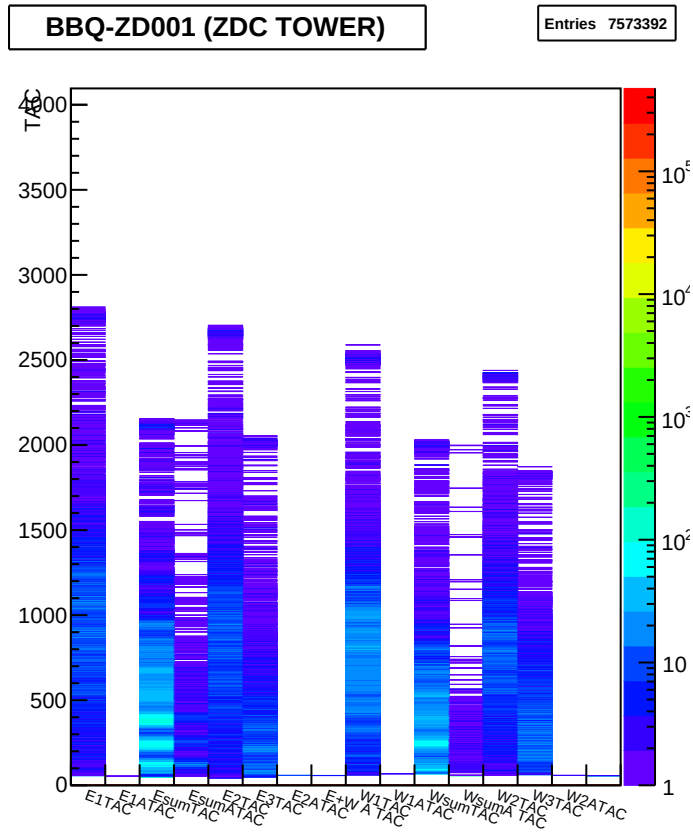

BBQ-BB001 (BBC east small tiles ADC)
Entries 7573392
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

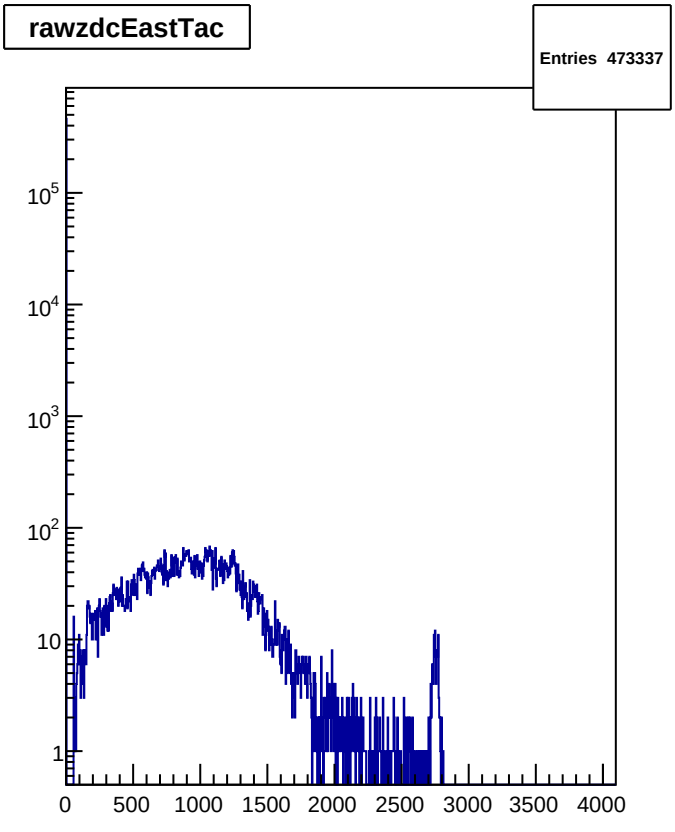

BBQ-BB001 (BBC east small tiles TAC)
Entries 7573392
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

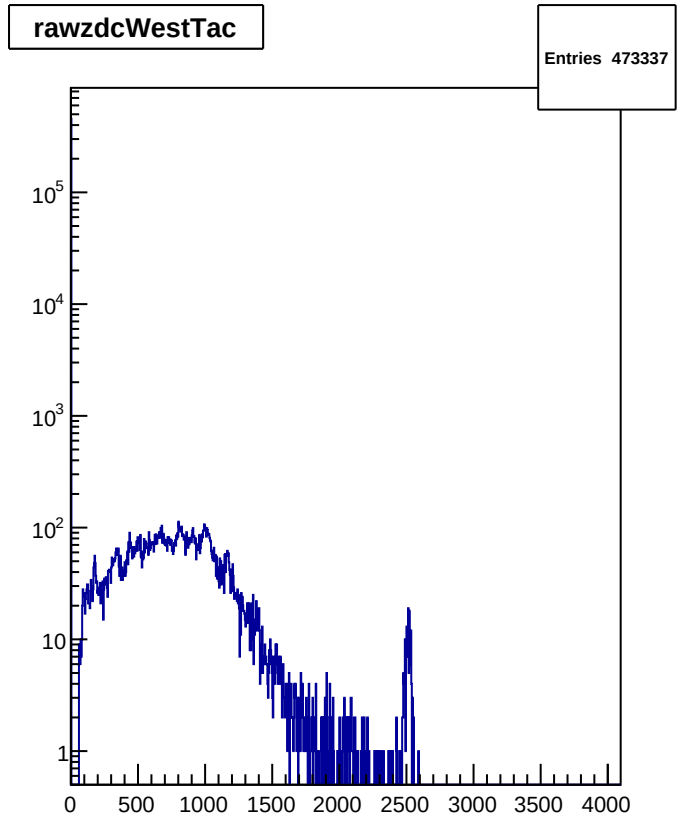

BBQ-BB002 (BBC west small tiles ADC)
Entries 7573392
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

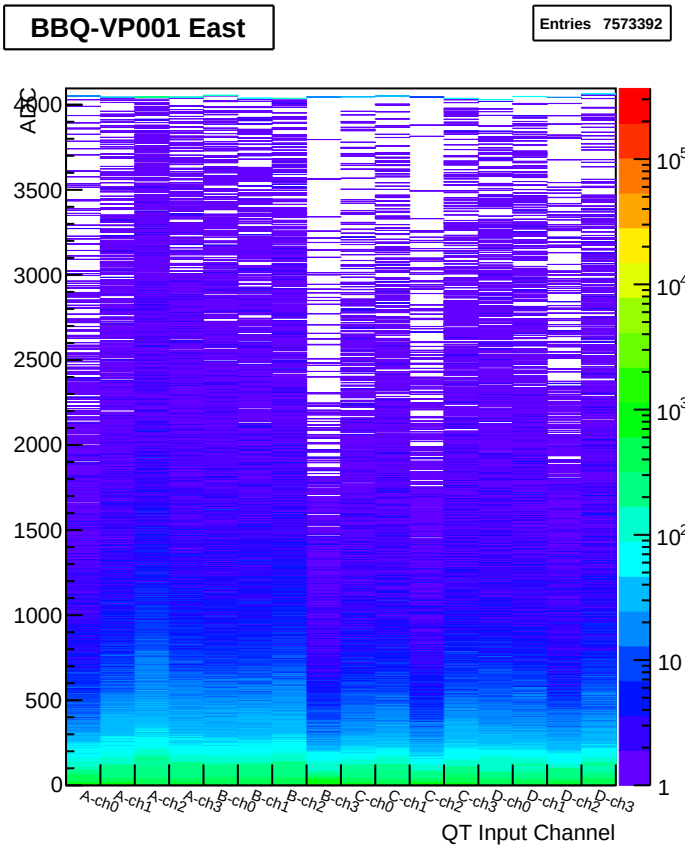

BBQ-BB002 (BBC west small tiles TAC)
Entries 7573392
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

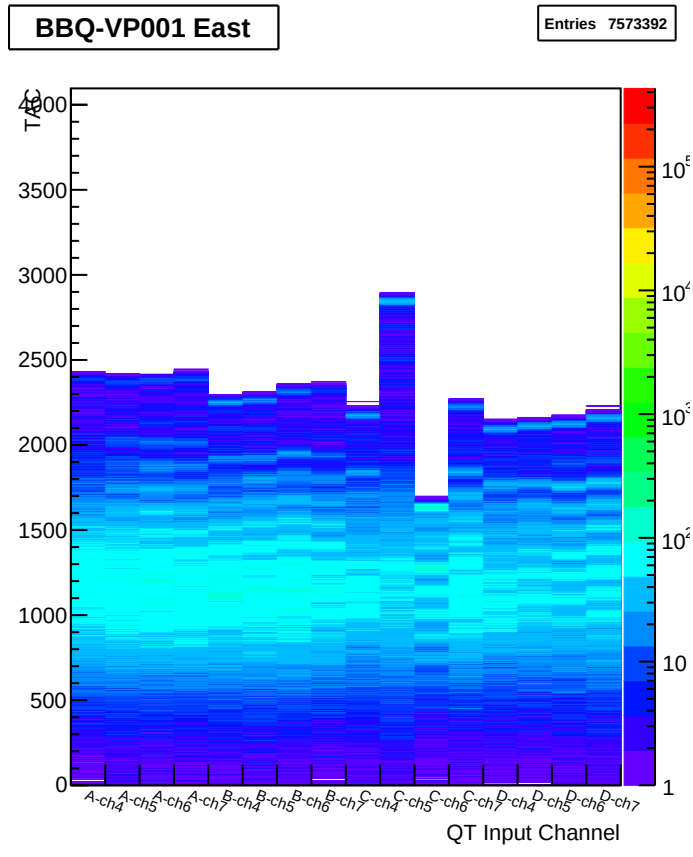

BBQ-ZD001 (ZDC TOWER)
Entries 7573392
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

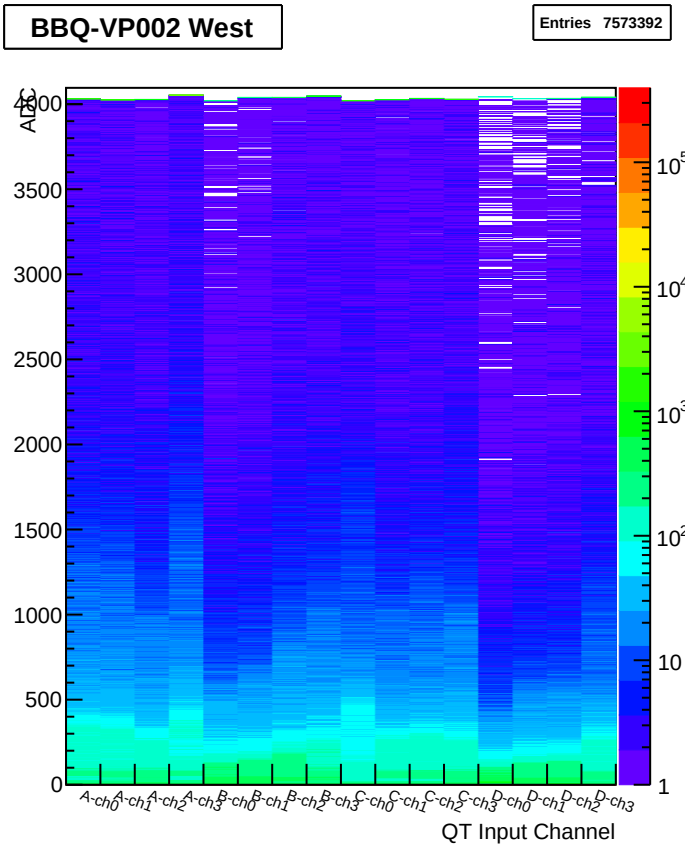

BBQ-ZD001 (ZDC TOWER)
Entries 7573392
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

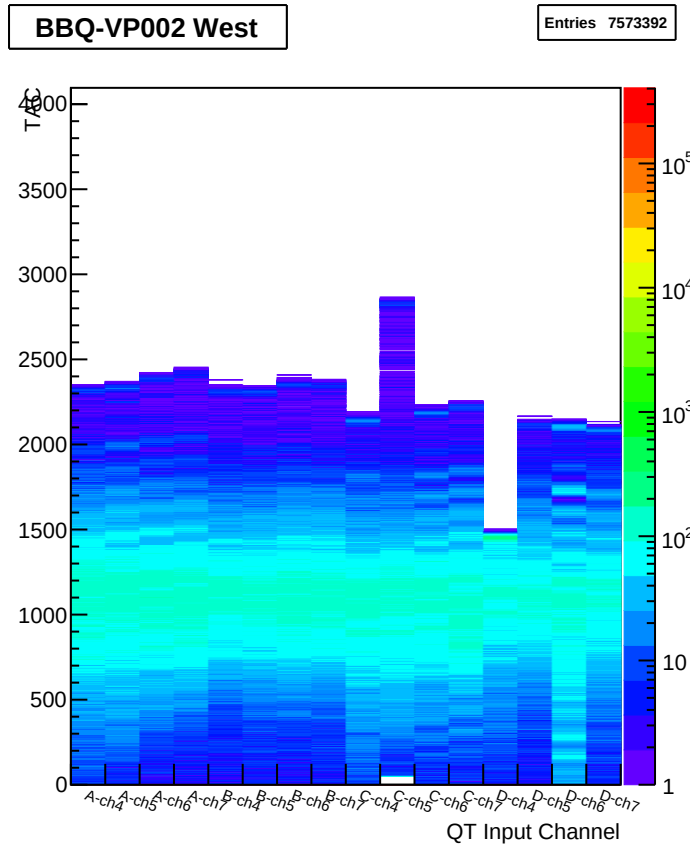

rawzdcEastTac
Entries 473337

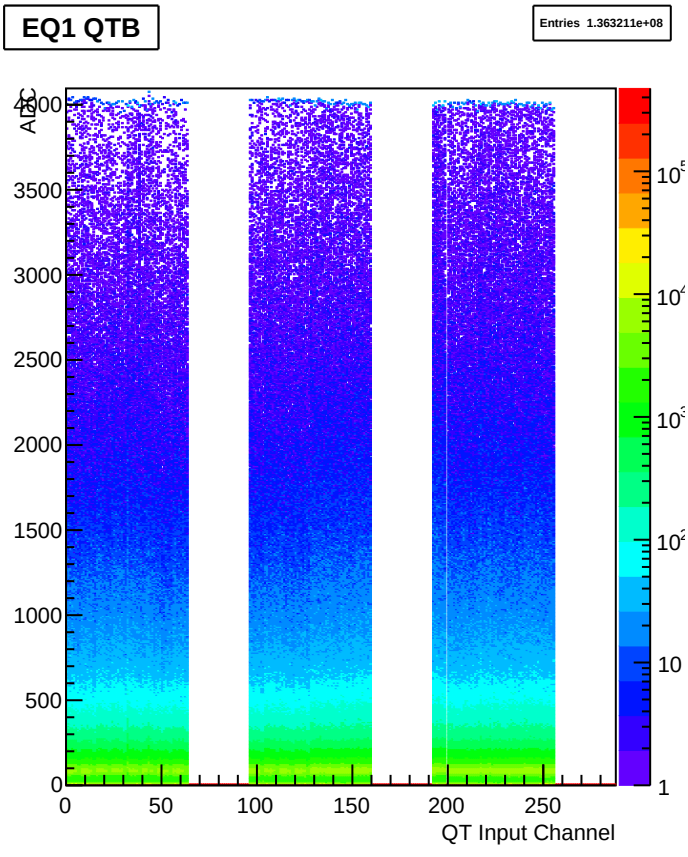

rawzdcWestTac
Entries 473337

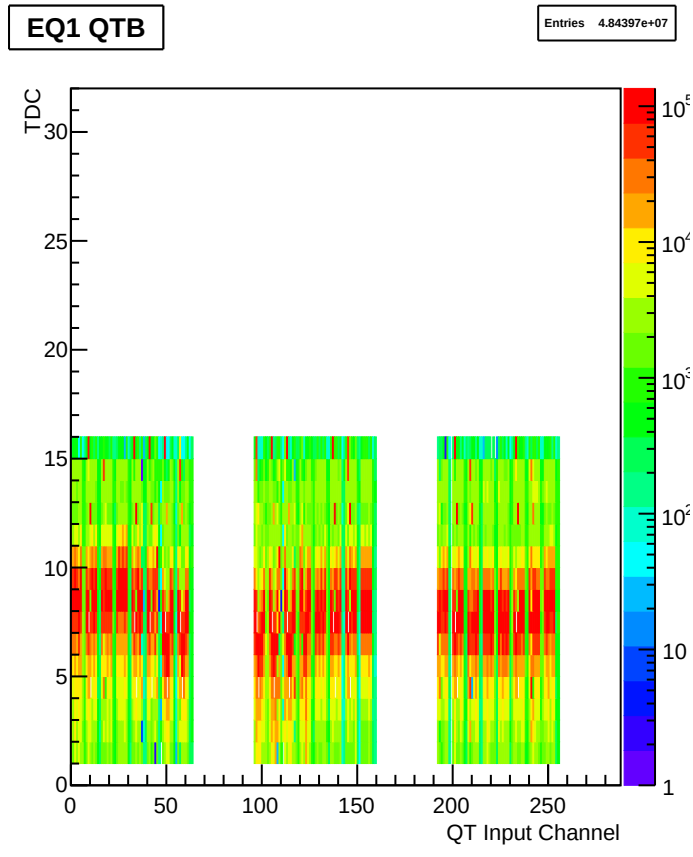

BBQ-VP001 East
Entries 7573392
ADC
QT Input Channel

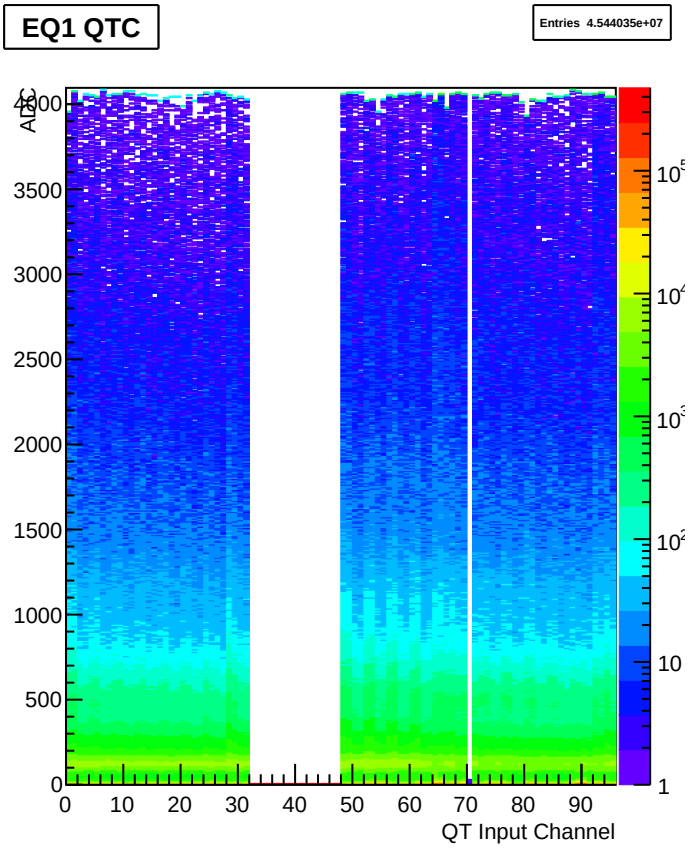

BBQ-VP001 East
Entries 7573392
ADC
QT Input Channel

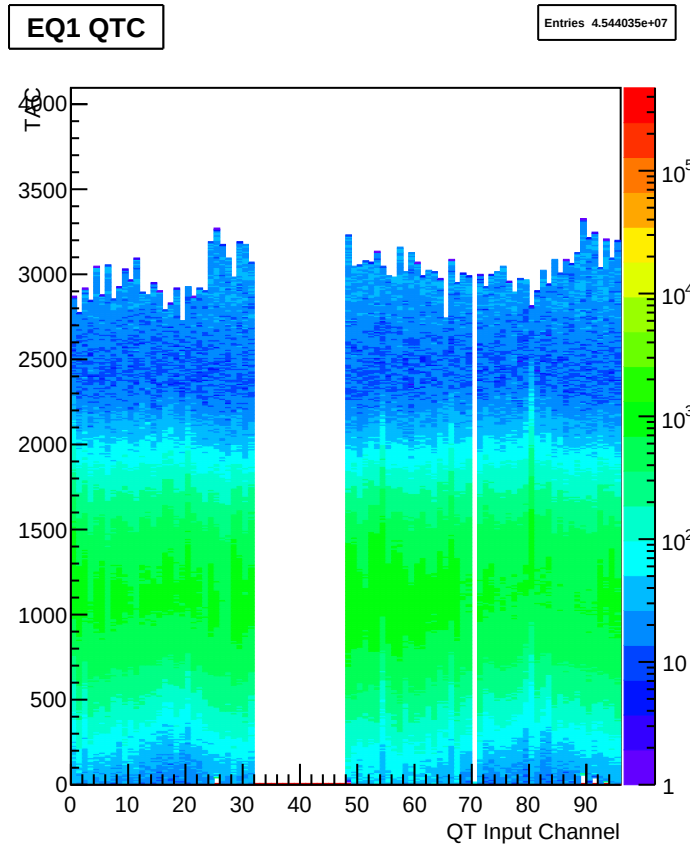

BBQ-VP002 West
Entries 7573392
ADC
QT Input Channel

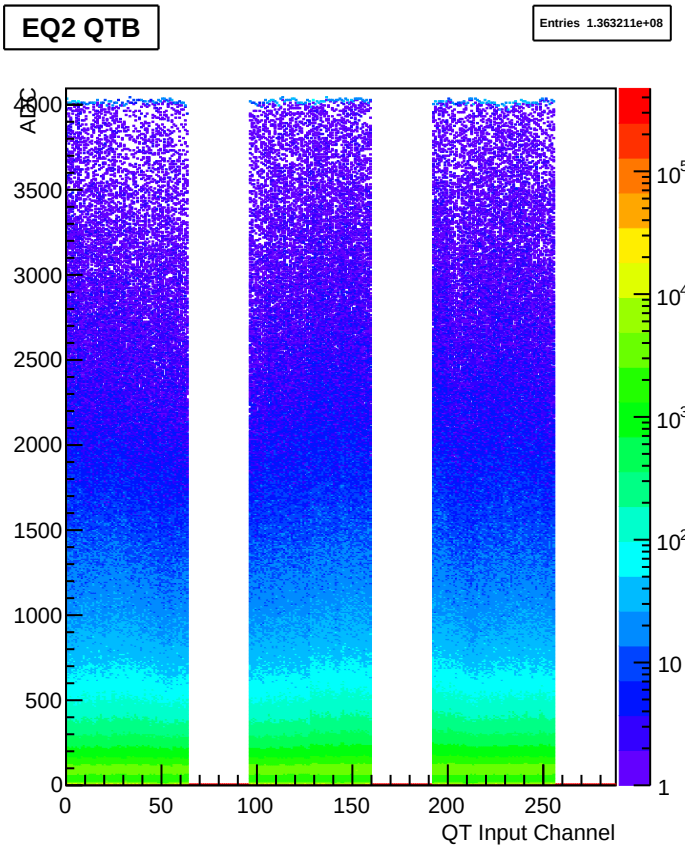

BBQ-VP002 West
Entries 7573392
ADC
QT Input Channel

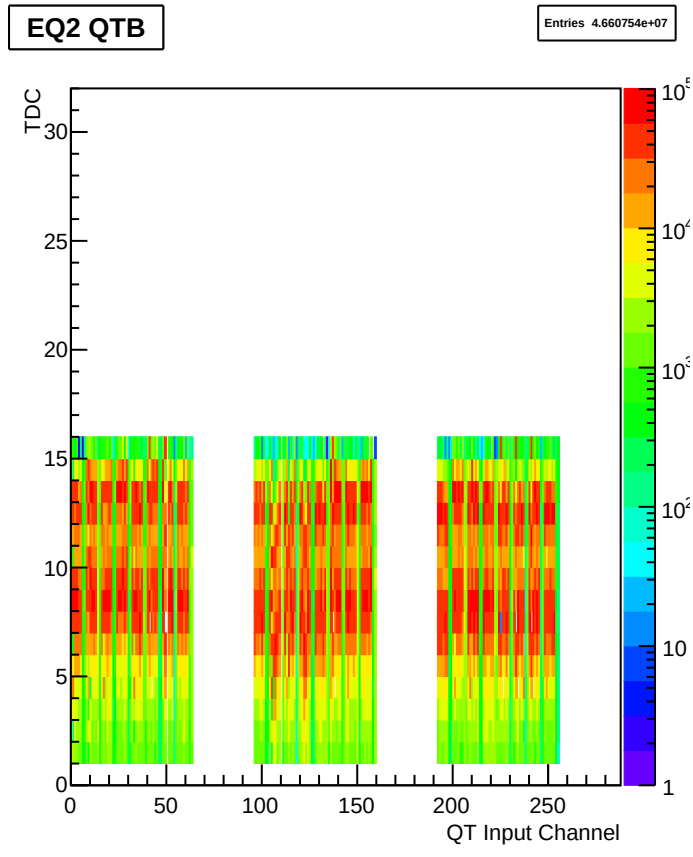

EQ1 QTB
Entries 1.363211e+08
ADC
QT Input Channel

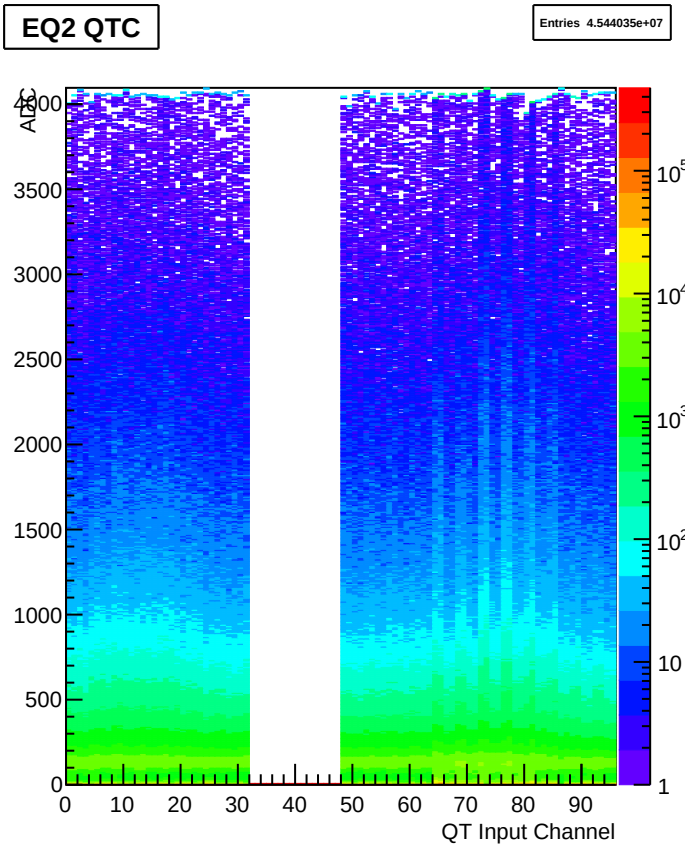

EQ1 QTB
Entries 4.84397e+07
TDC
QT Input Channel

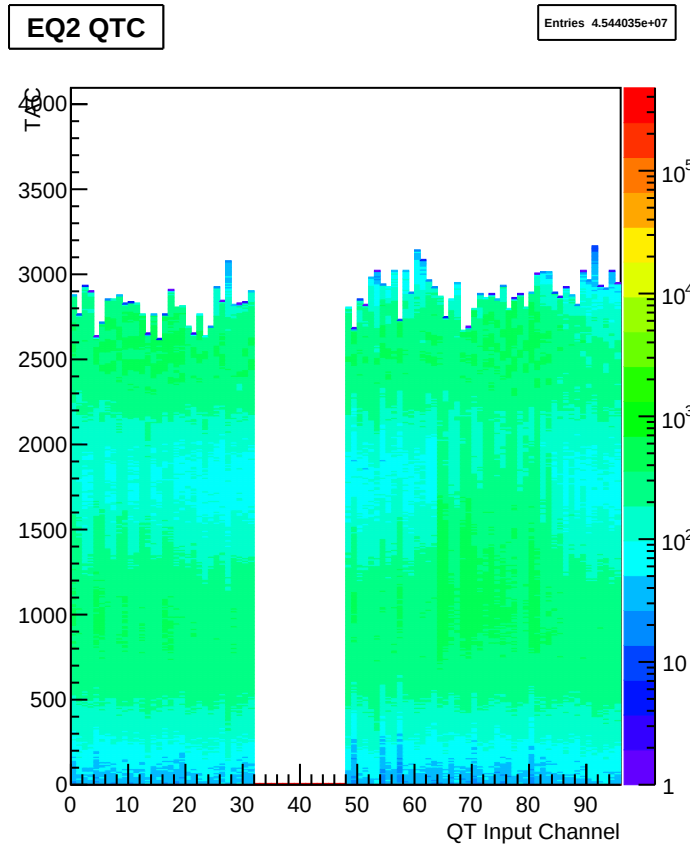

EQ1 QTC
Entries 4.544035e+07
ADC
QT Input Channel

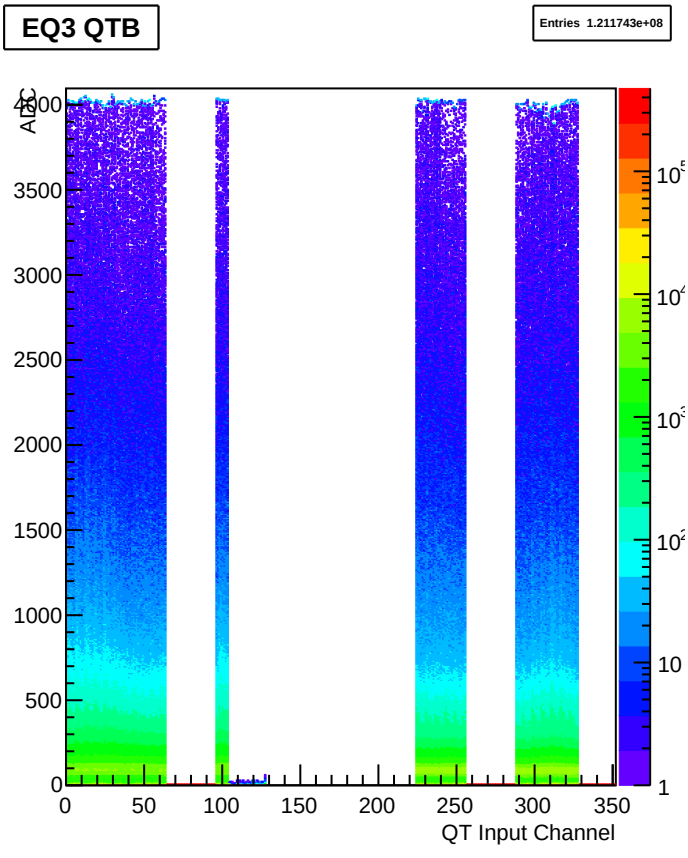

EQ1 QTC
Entries 4.544035e+07
TADC
QT Input Channel

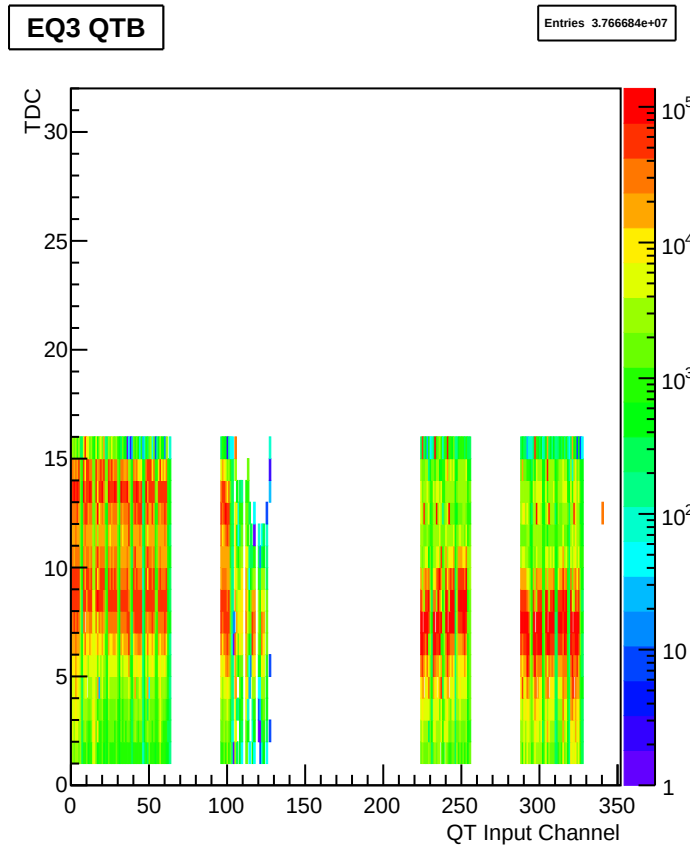

EQ2 QTB
Entries 1.363211e+08
ADC
QT Input Channel

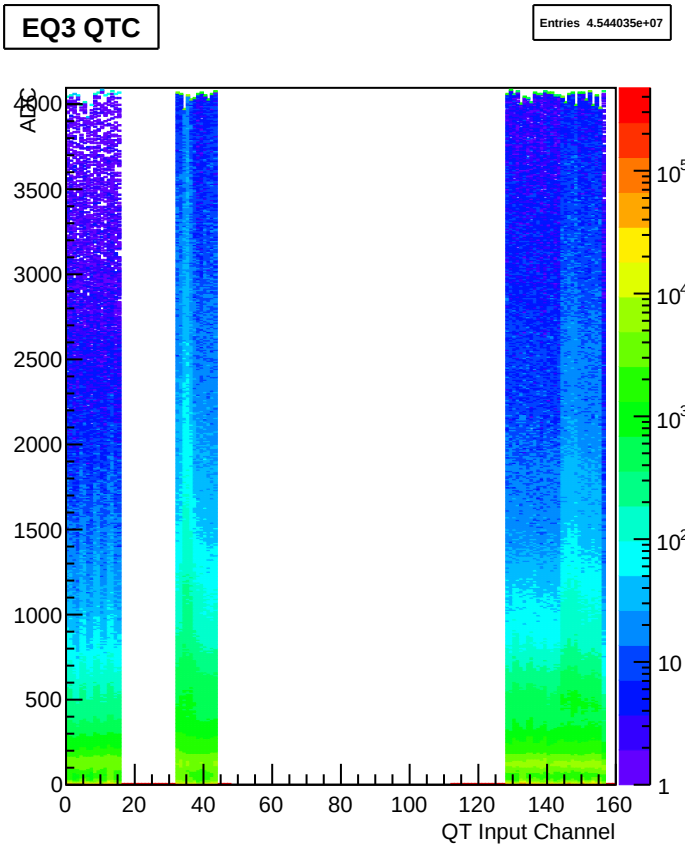

EQ2 QTB
Entries 4.660754e+07
TDC
QT Input Channel

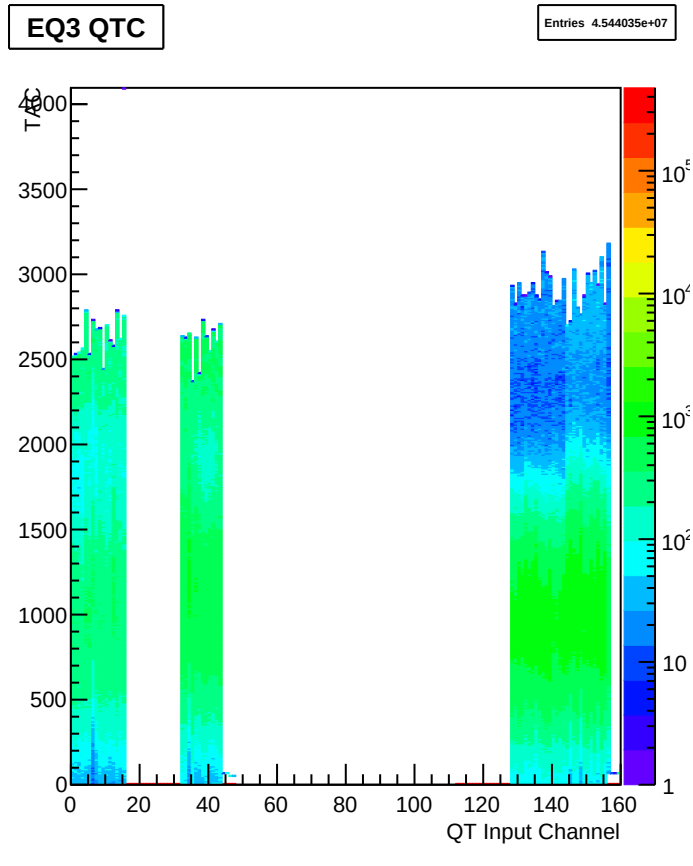

EQ2 QTC
Entries 4.544035e+07
ADC
QT Input Channel

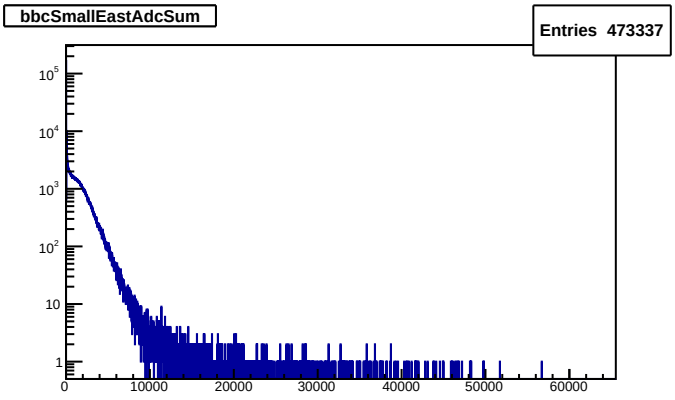

EQ2 QTC
Entries 4.544035e+07
TADC
QT Input Channel

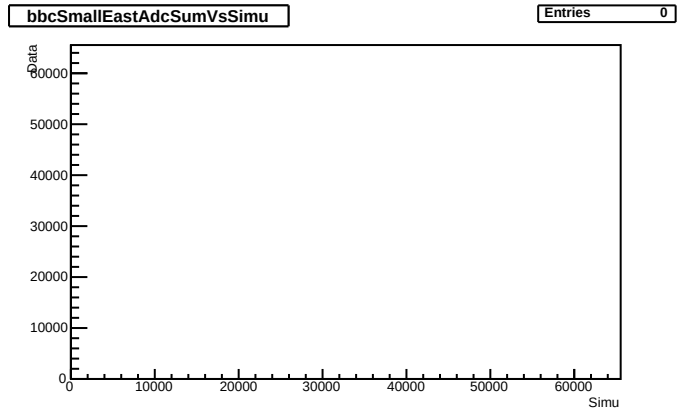

EQ3 QTB
Entries 1.211743e+08
ADC
QT Input Channel

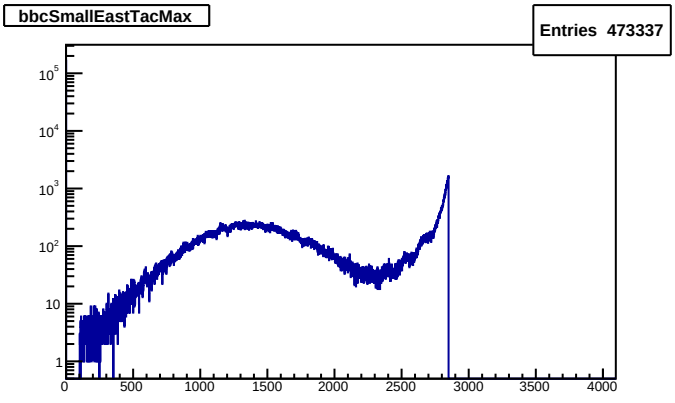

EQ3 QTB
Entries 3.766684e+07
TDC
QT Input Channel

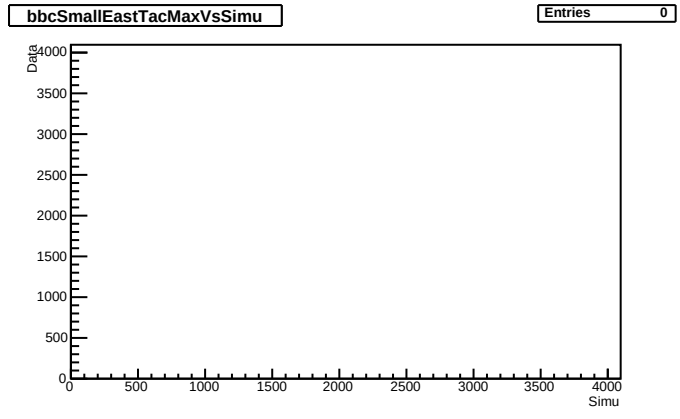

EQ3 QTC
Entries 4.544035e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.544035e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 473337


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 473337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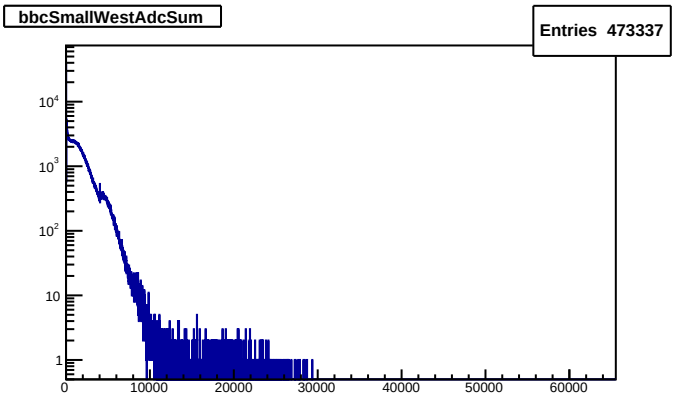
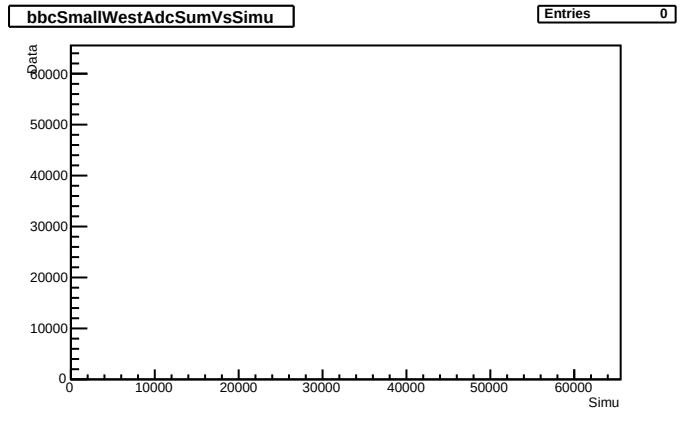
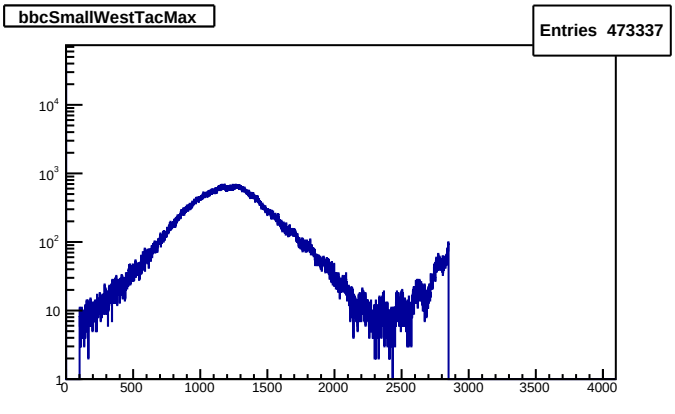

bbcSmallWestAdcSum
Entries 473337


bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu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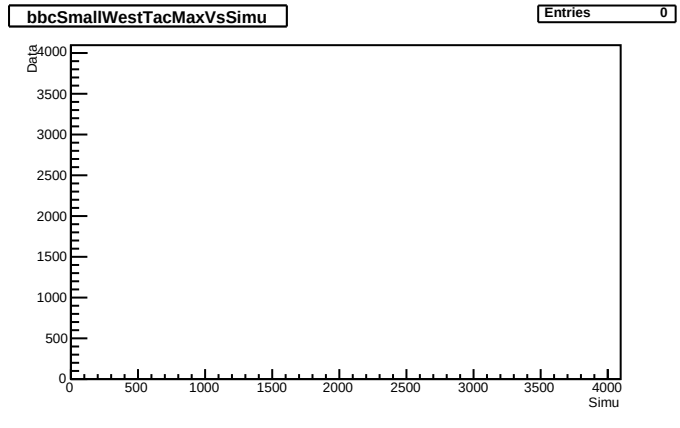
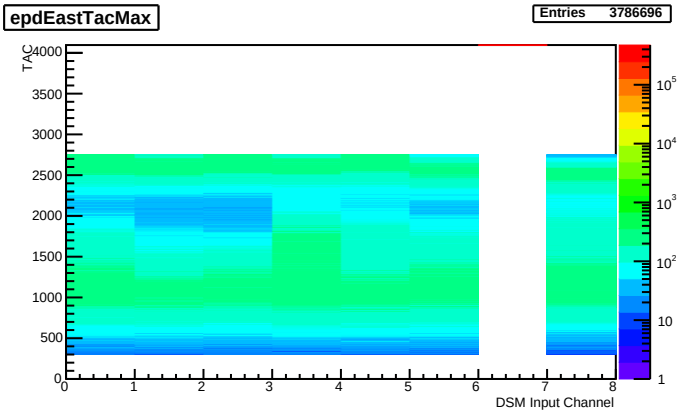
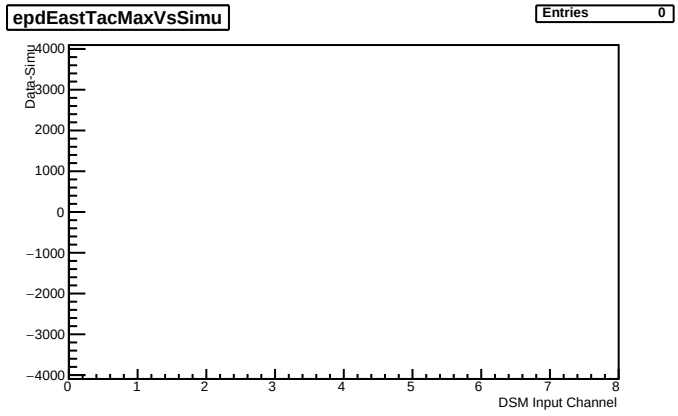
Entries 473337


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 3786696
TAC
DSM Input Channel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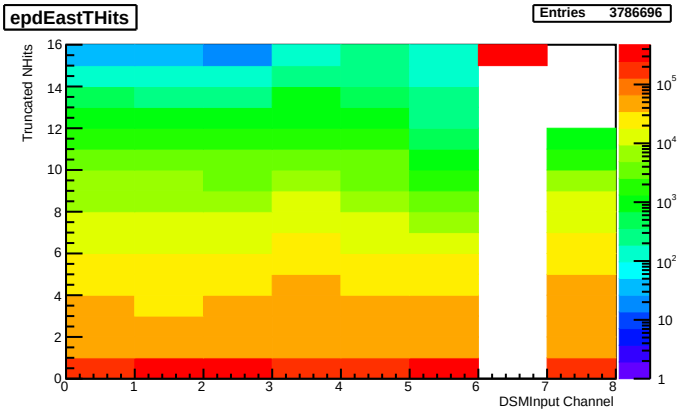
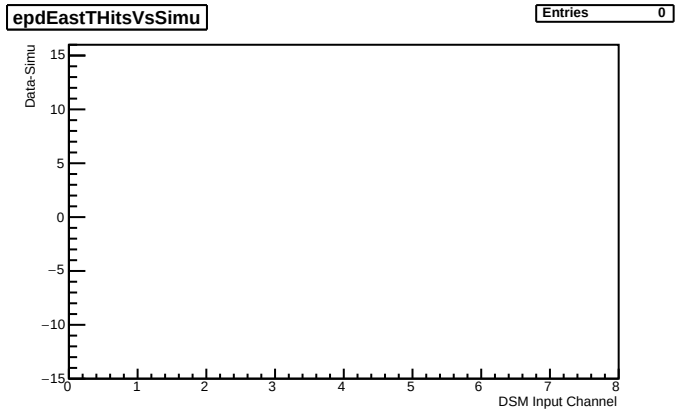
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3786696
Truncated NHits
DSMInput Channel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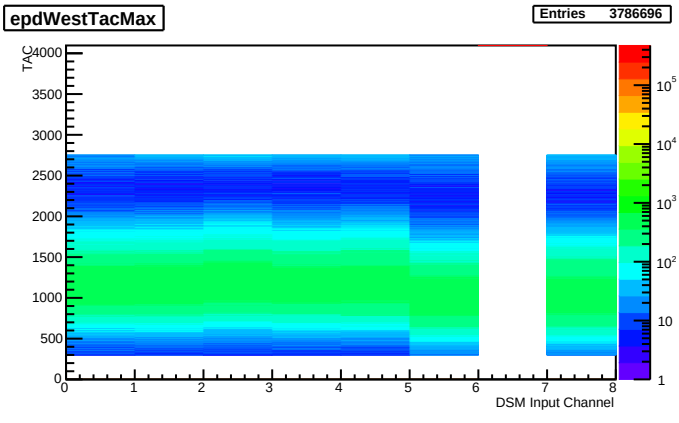
DSM Input Channel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Entries 3786696
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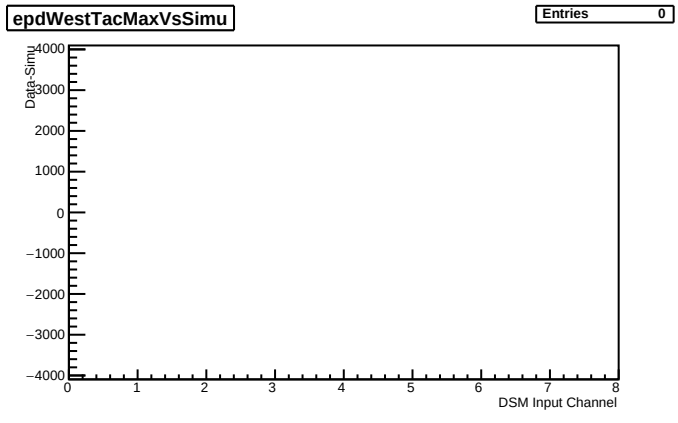
DSM Input Channel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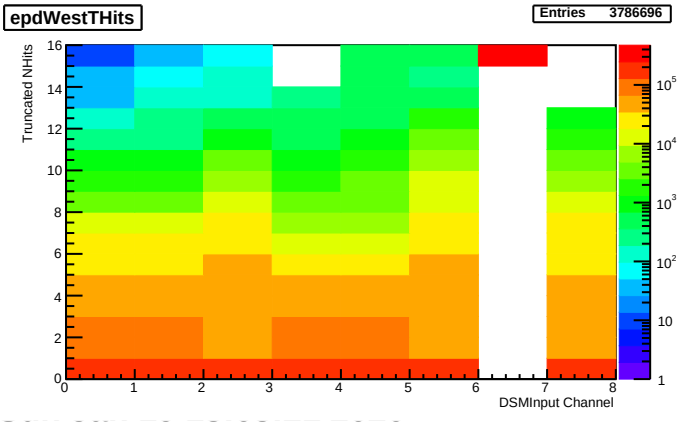
Entries 0
Data-Simu
DSM Input Channel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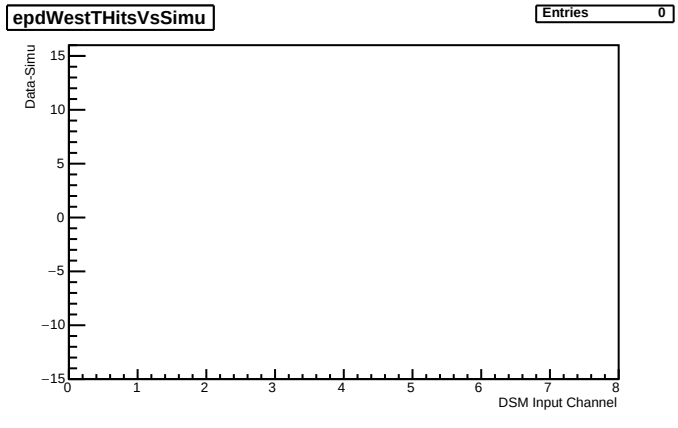
Entries 3786696
Truncated NHits
DSMInput Channel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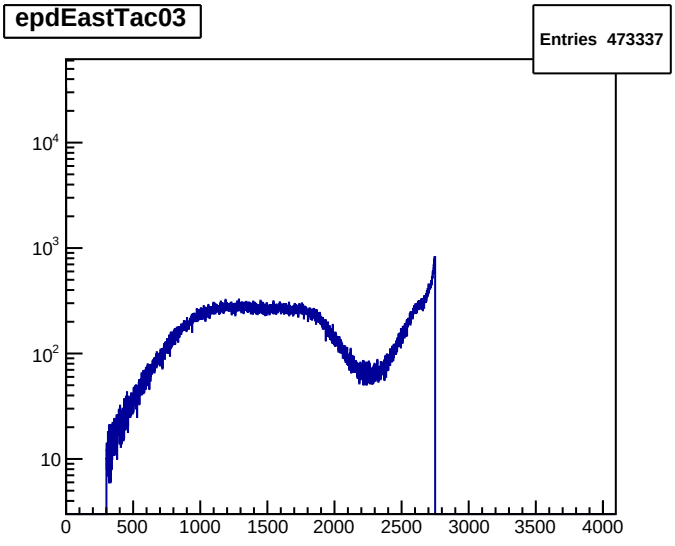
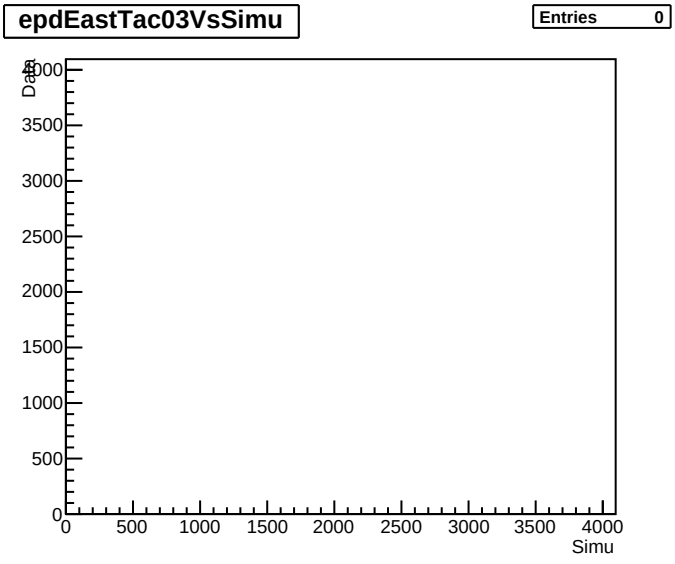
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 473337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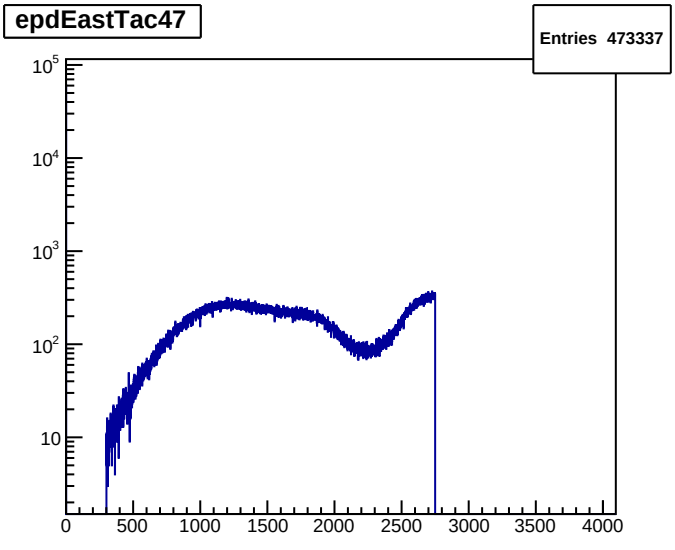
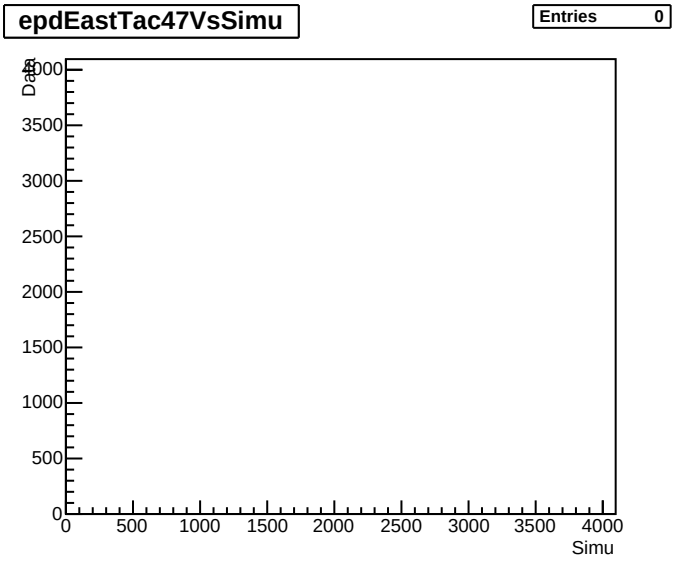
Entries 0
Data
Simu


epdEastTac47
Entries 473337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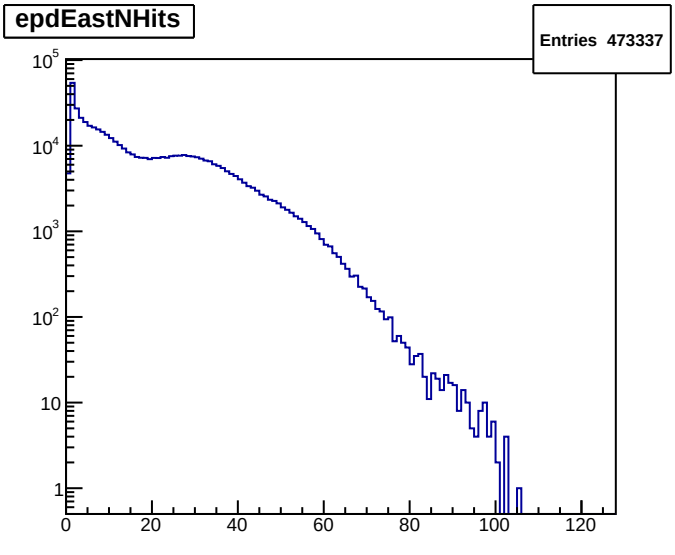
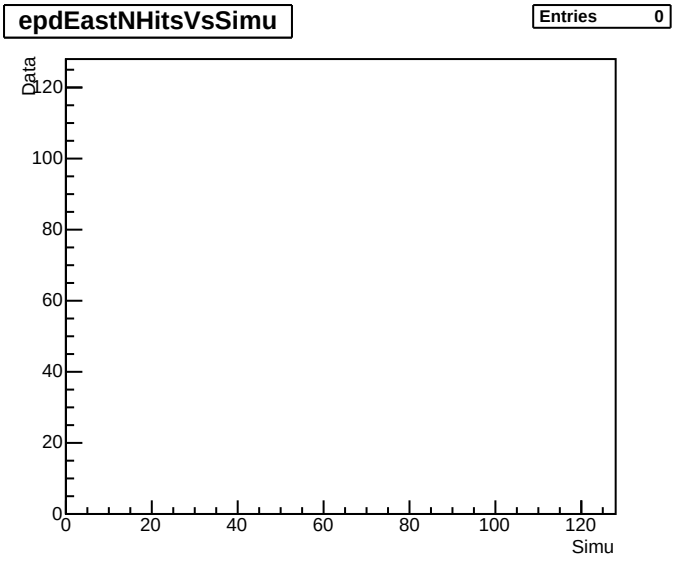
Entries 0
Data
Simu


epdEastNHits
Entries 473337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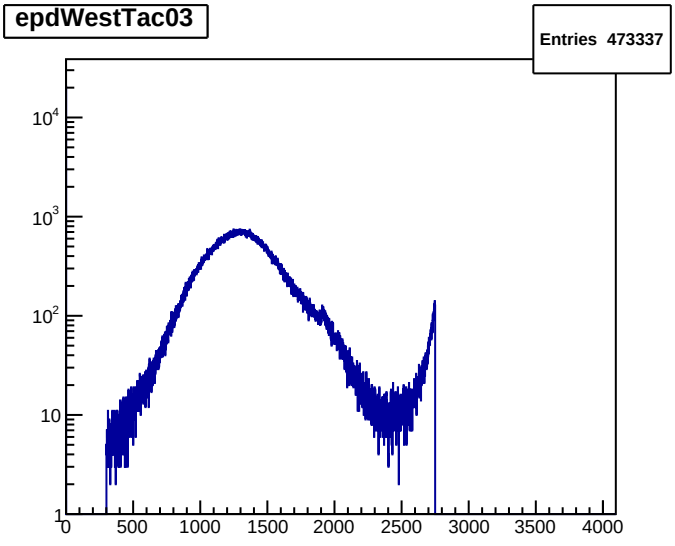
Entries 0
Data
Simu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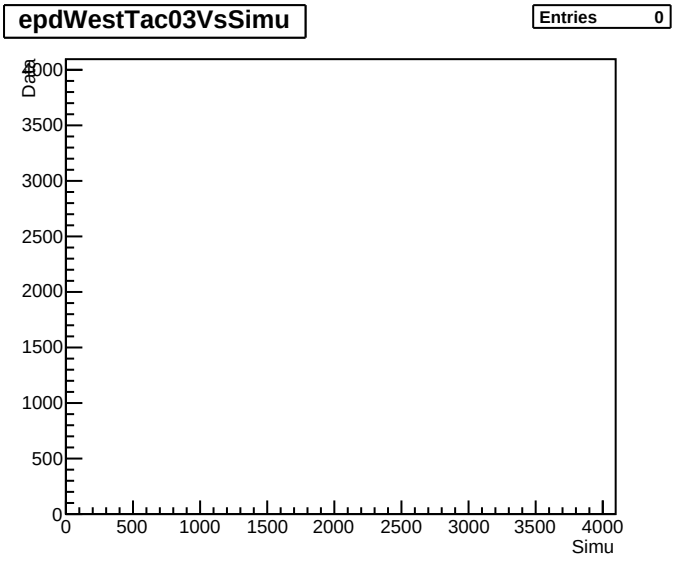
Entries 473337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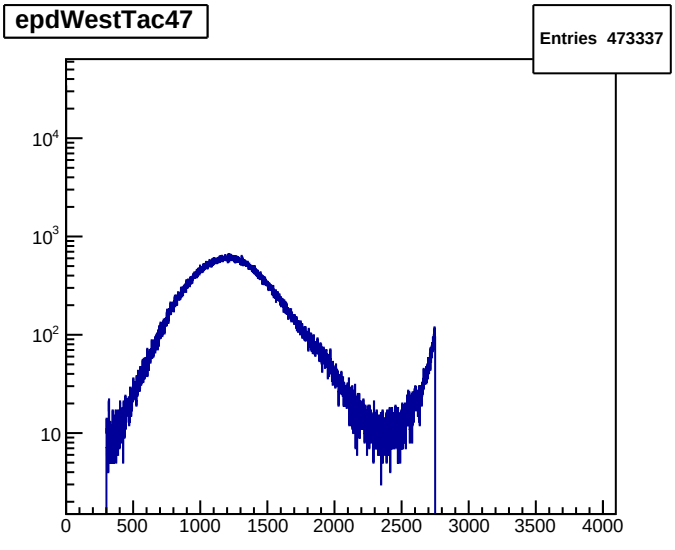
Entries 0
Data
Simu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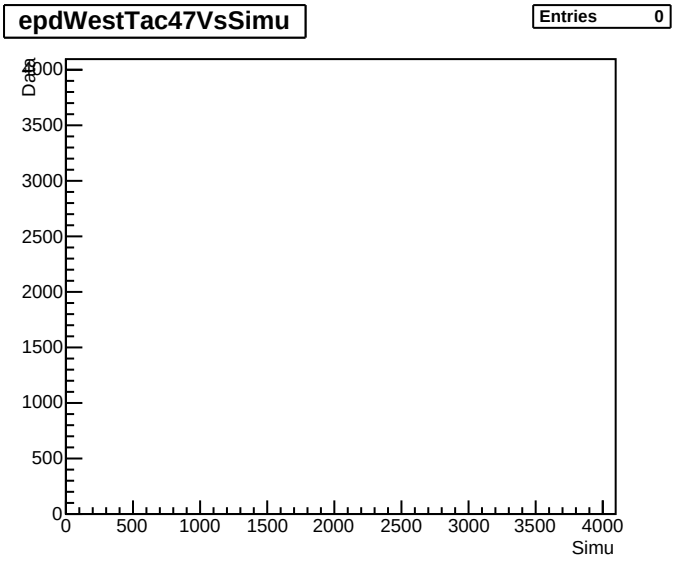
Entries 473337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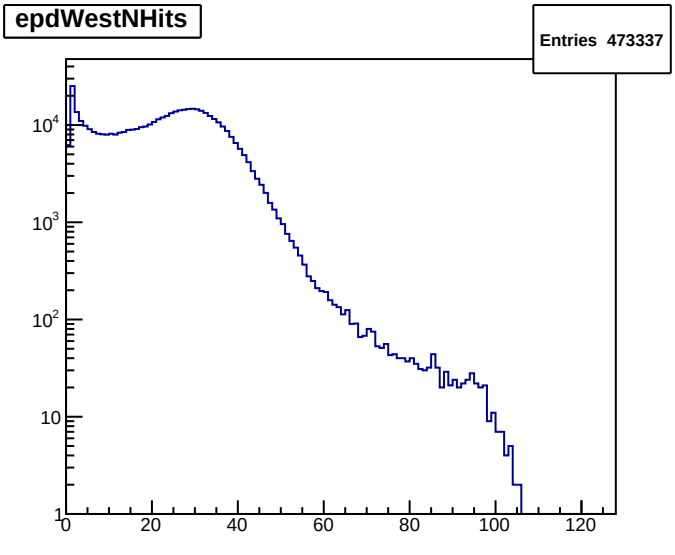
Entries 0
Data
Simu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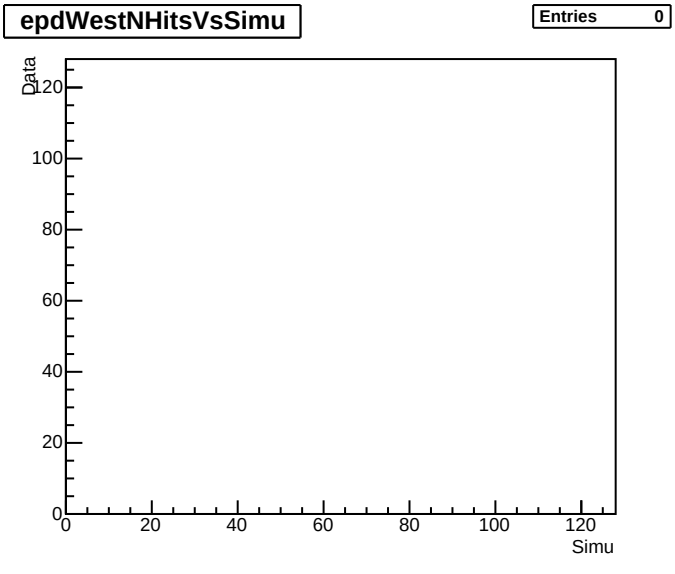
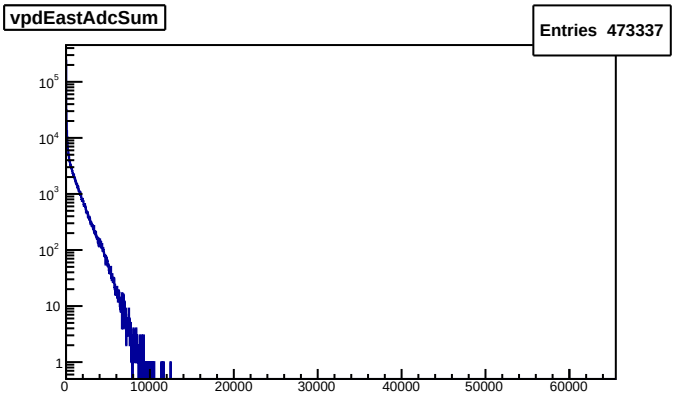
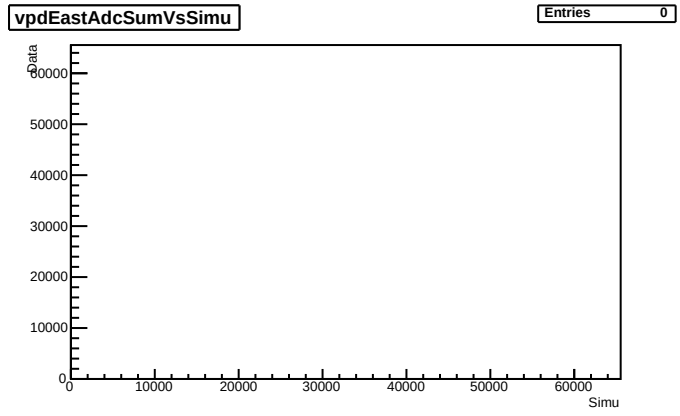
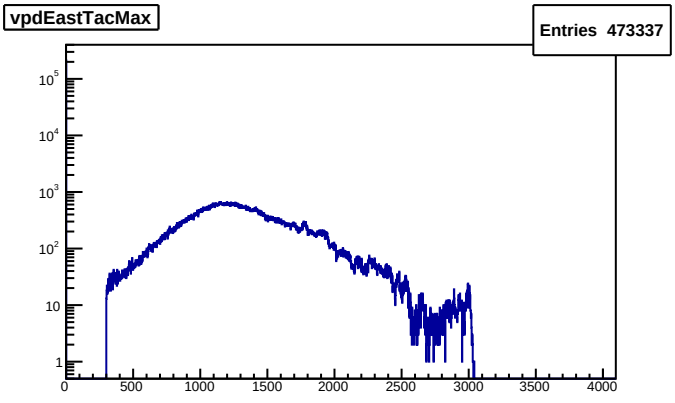
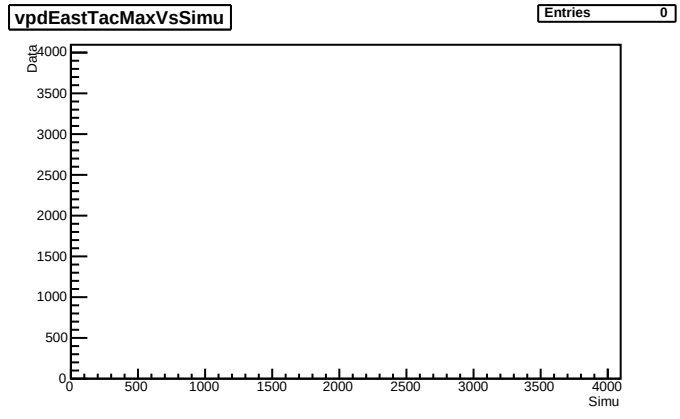
Entries 473337


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 473337


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 473337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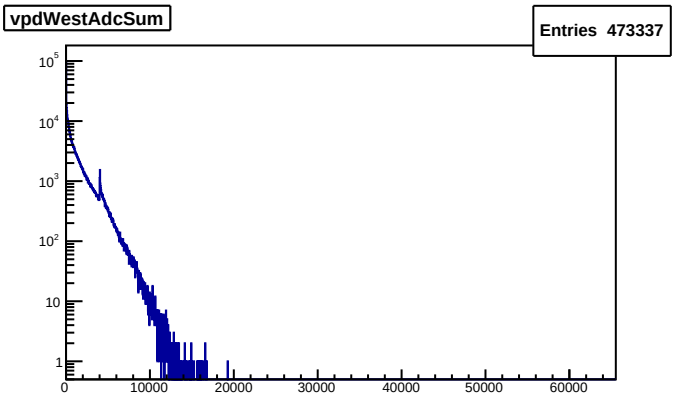
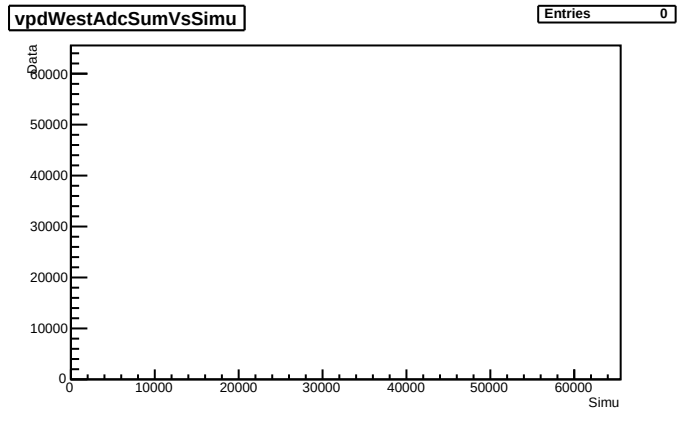
Entries 0
Data
Simu


vpdWestAdcSum
Entries 473337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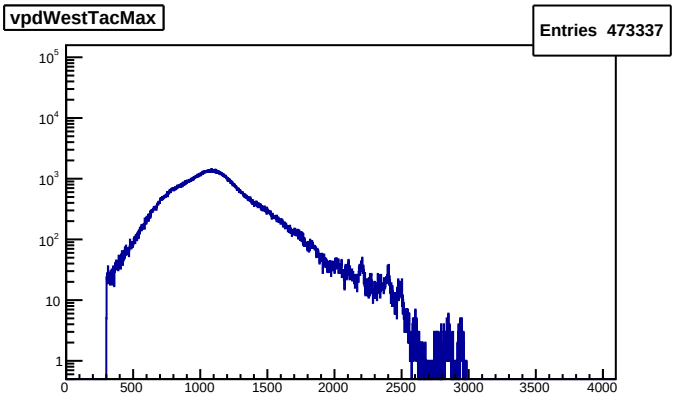
Entries 0
Data
Simu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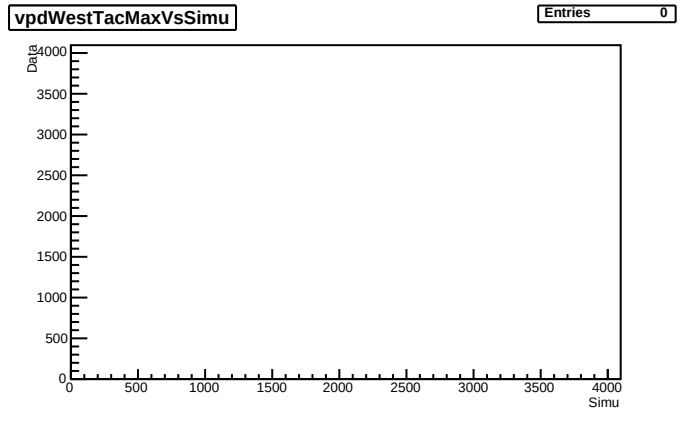
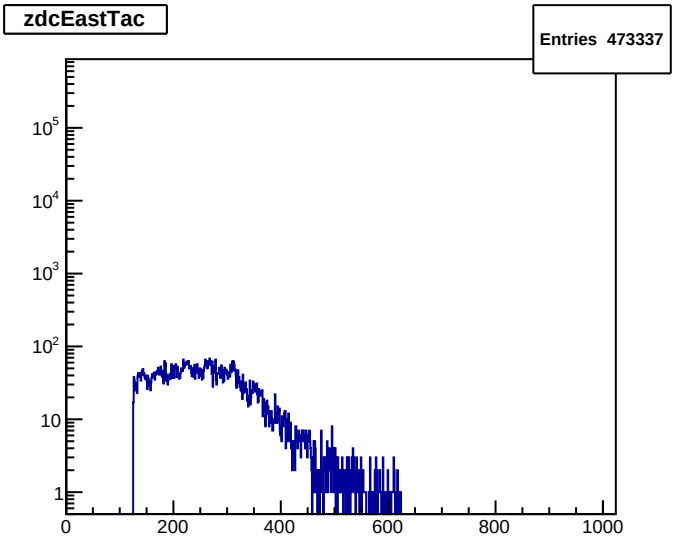
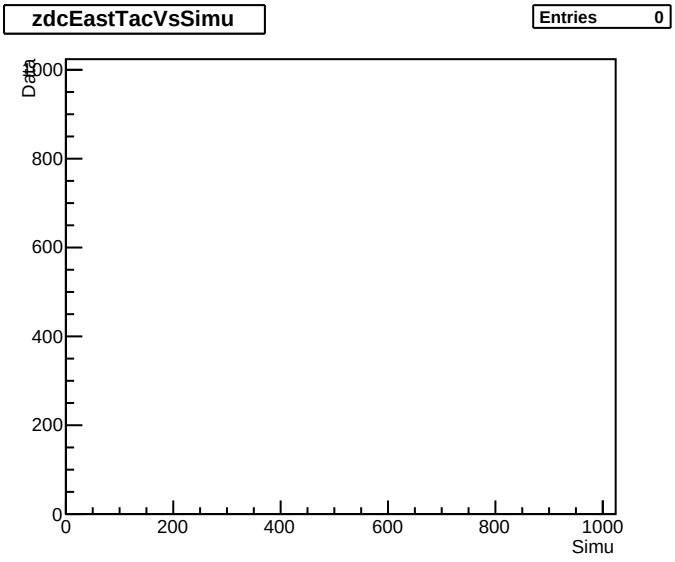
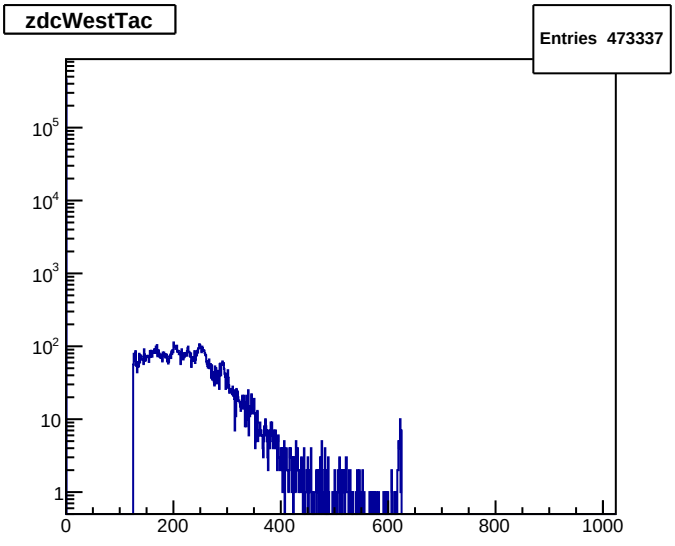
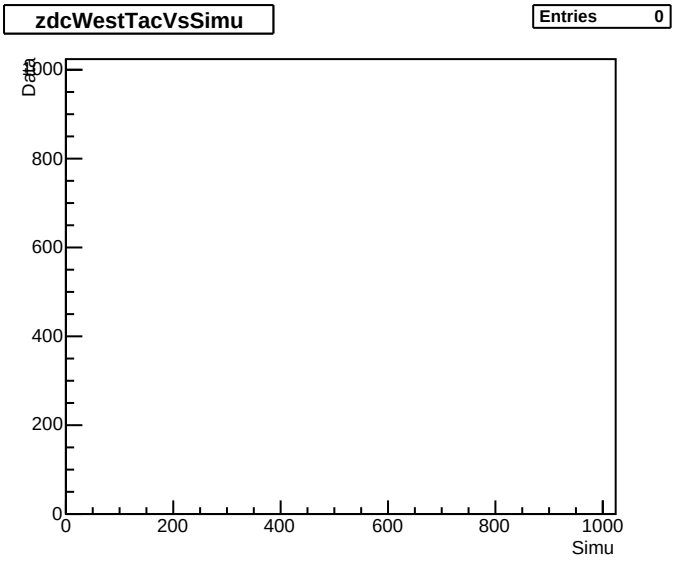
Entries 473337

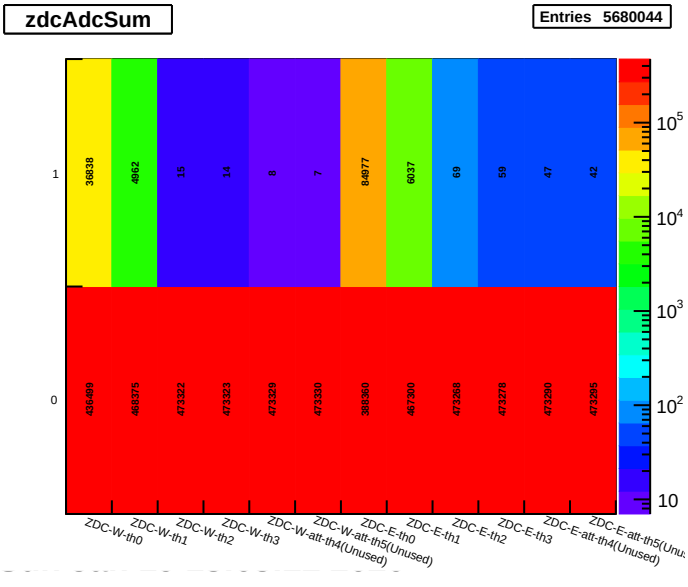

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 473337
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcWestTac
Entries 473337
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcAdcSum
Entries 5680044
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36838
4962
15
14
8
7
84977
6037
69
59
47
42
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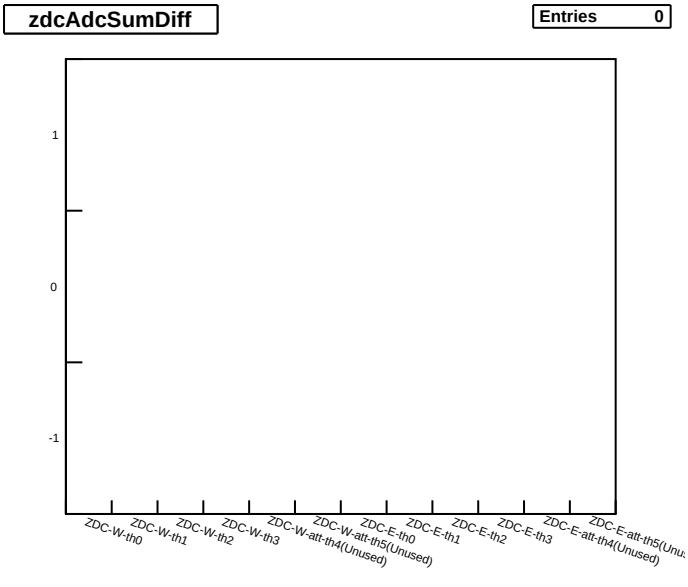
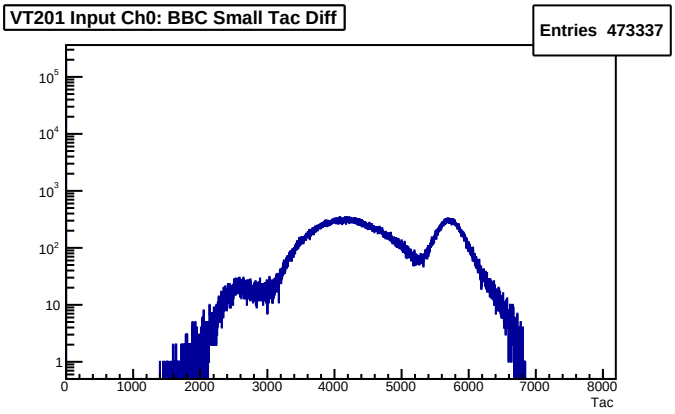
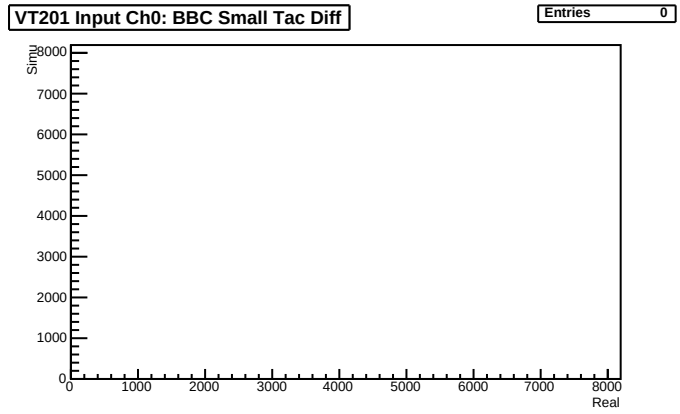
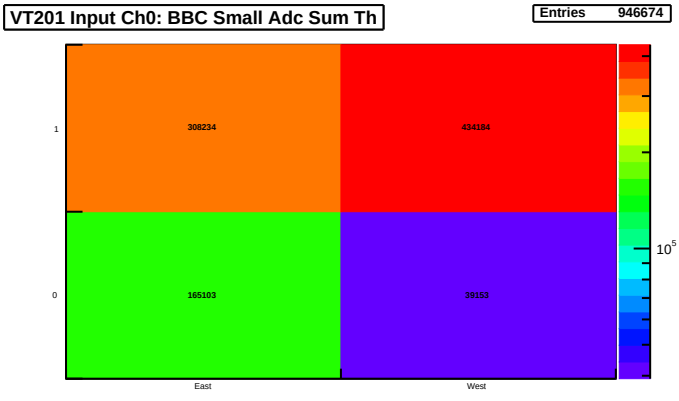
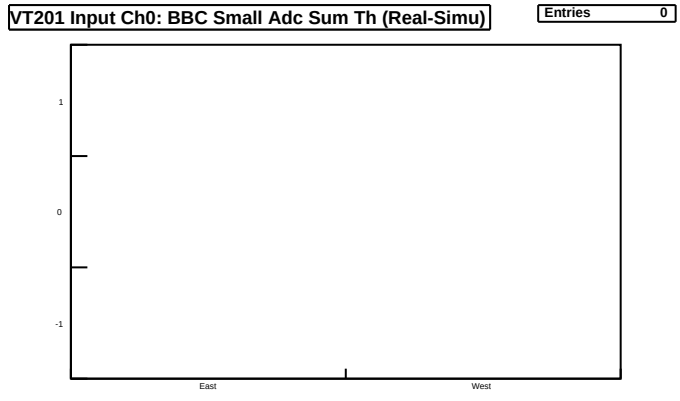
468375
473322
473323
473329
473330
388360
467300
473268
473278
473290
473295
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

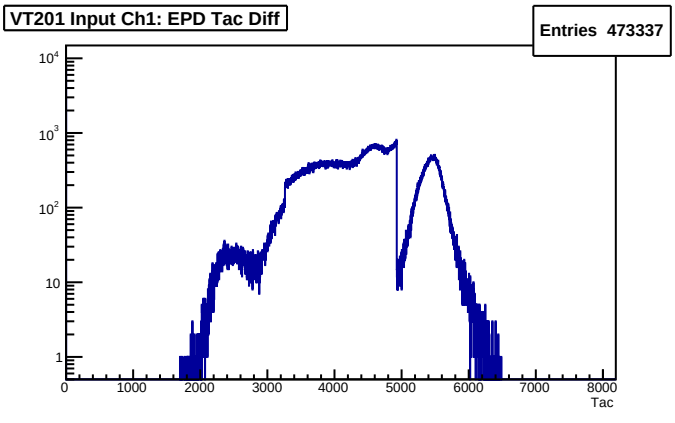

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

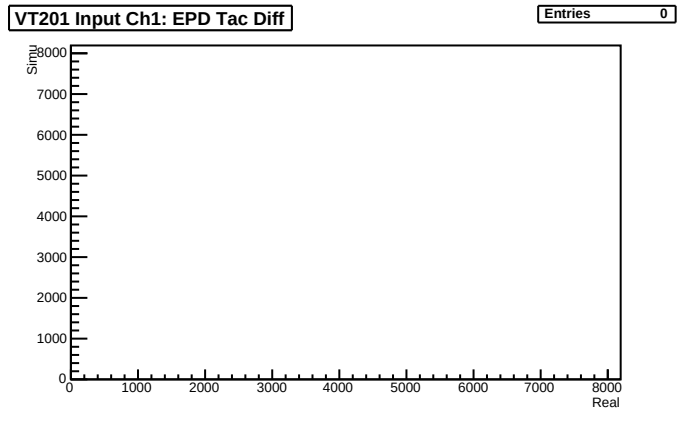

VT201 Input Ch0: BBC Small Tac Diff
Entries 473337
Tac

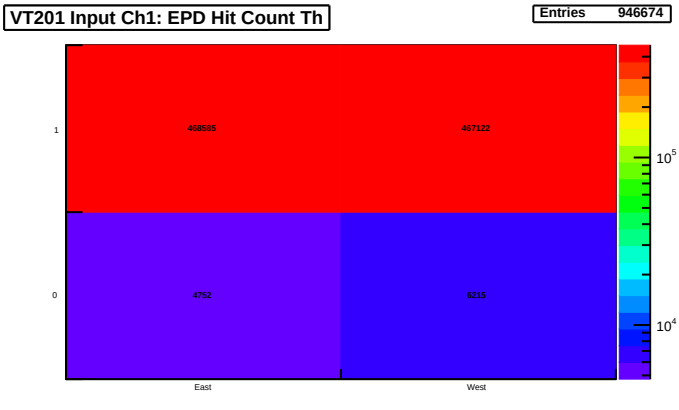

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

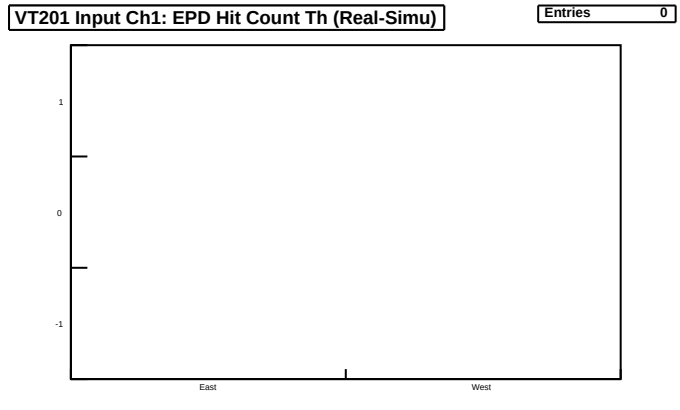

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 946674
308234
434184
165103
39153
East
West

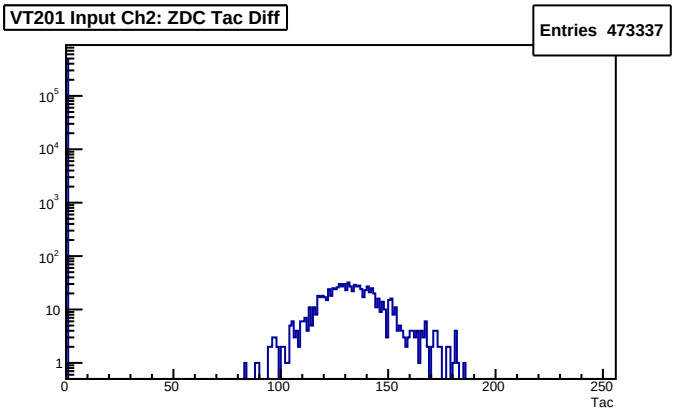

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

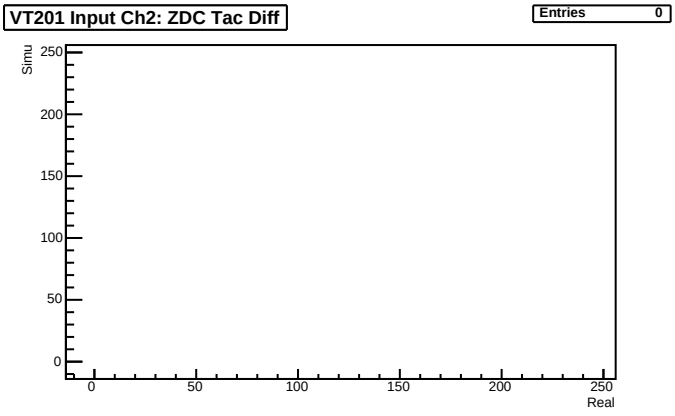

VT201 Input Ch1: EPD Tac Diff
Entries 473337
Tac

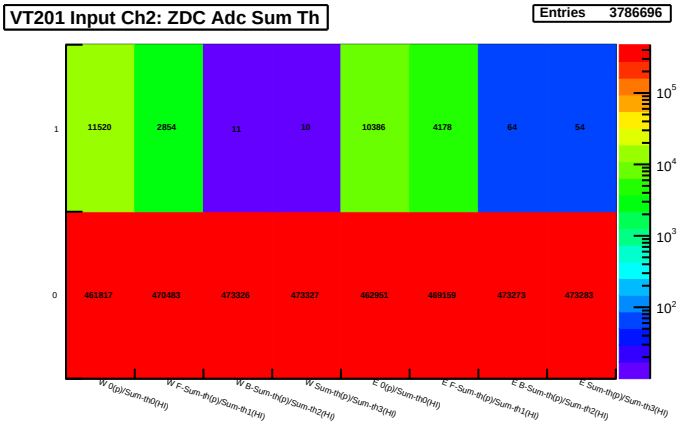

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

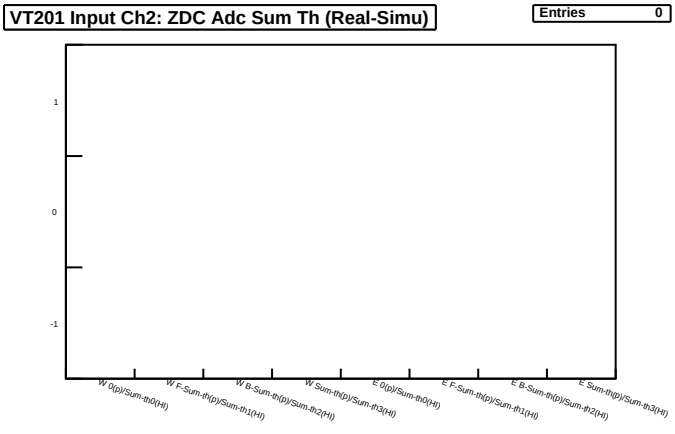

VT201 Input Ch1: EPD Hit Count Th
Entries 946674
468585
467122
4752
6215
East
West

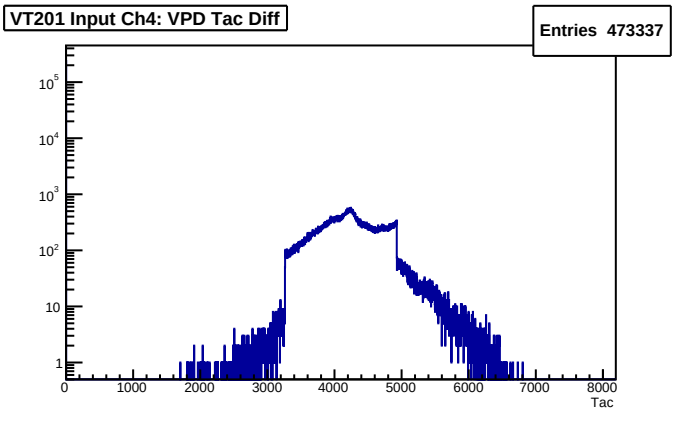

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

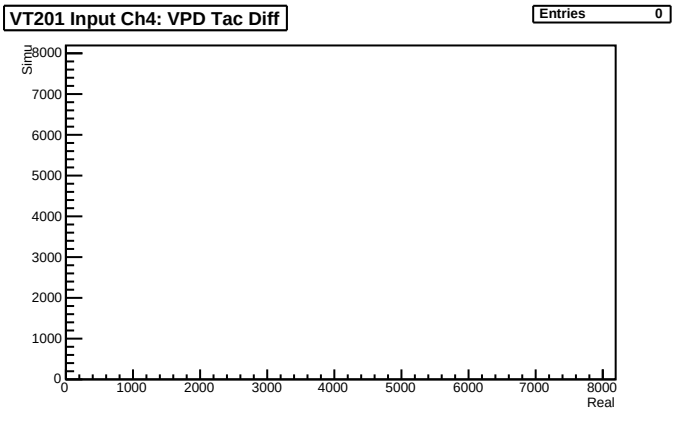

VT201 Input Ch2: ZDC Tac Diff
Entries 473337
Tac

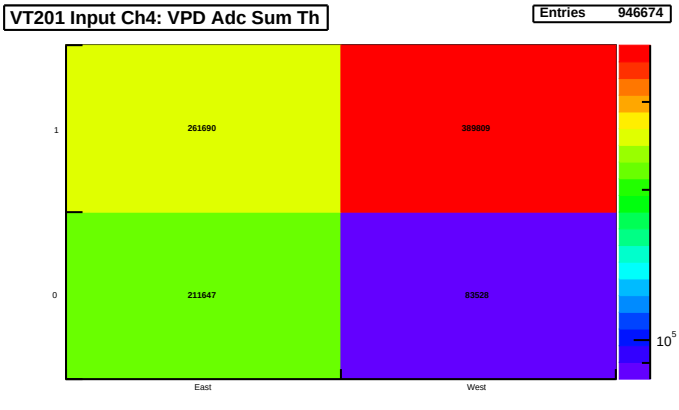

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

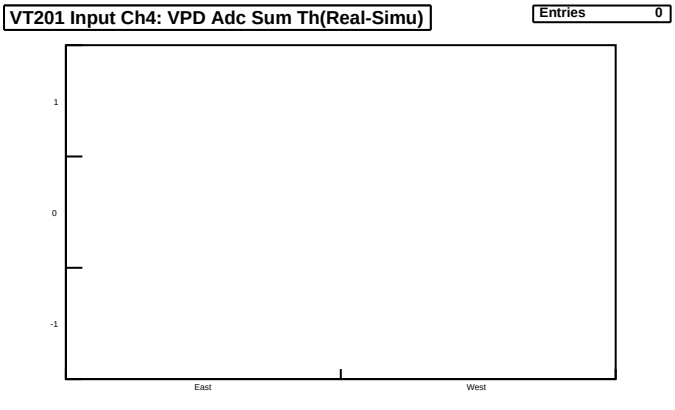

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3786696
11520
2854
11
10
10386
4178
64
54
461817
470483
473326
473327
462951
469159
473273
473283
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

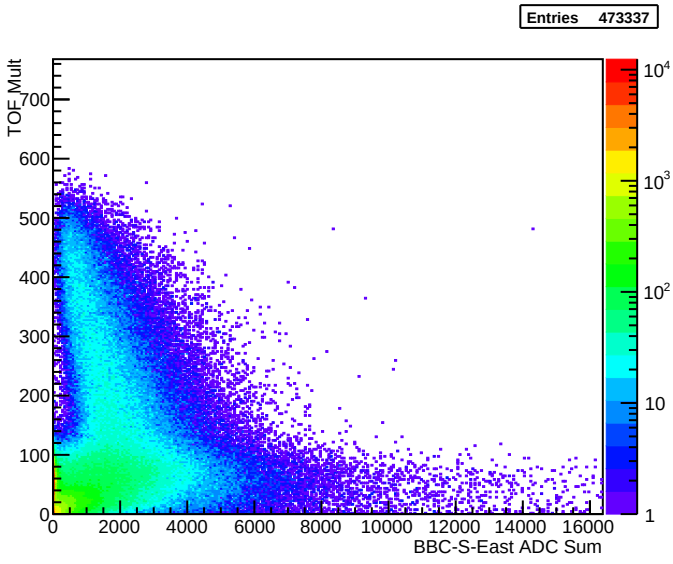

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

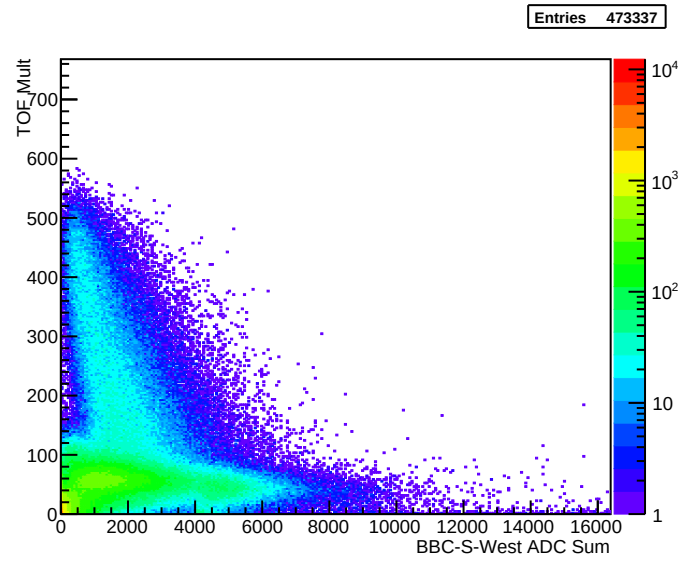

VT201 Input Ch4: VPD Tac Diff
Entries 473337
Tac

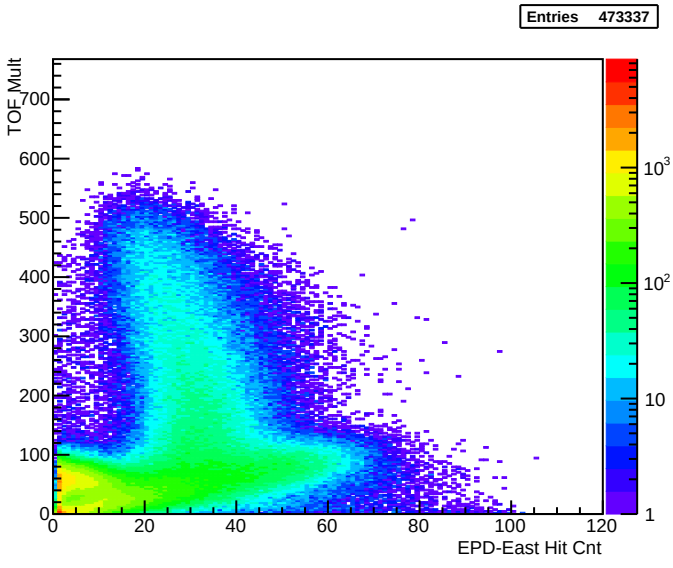

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

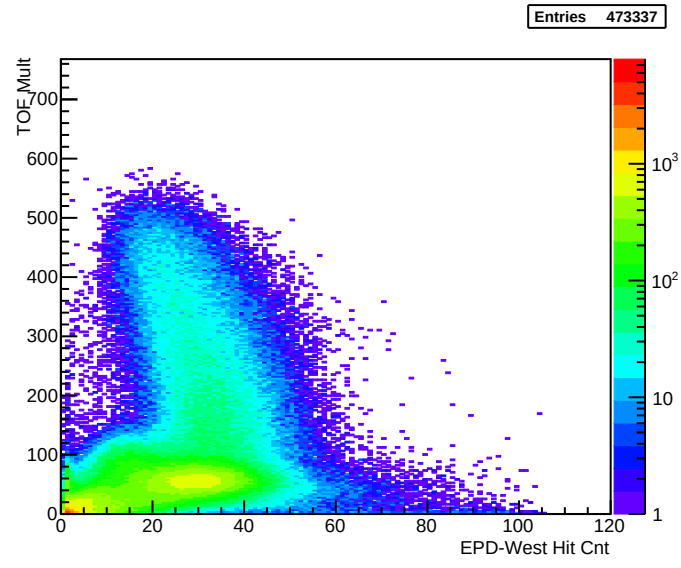

VT201 Input Ch4: VPD Adc Sum Th
Entries 946674
261690
389809
211647
83528
East
West

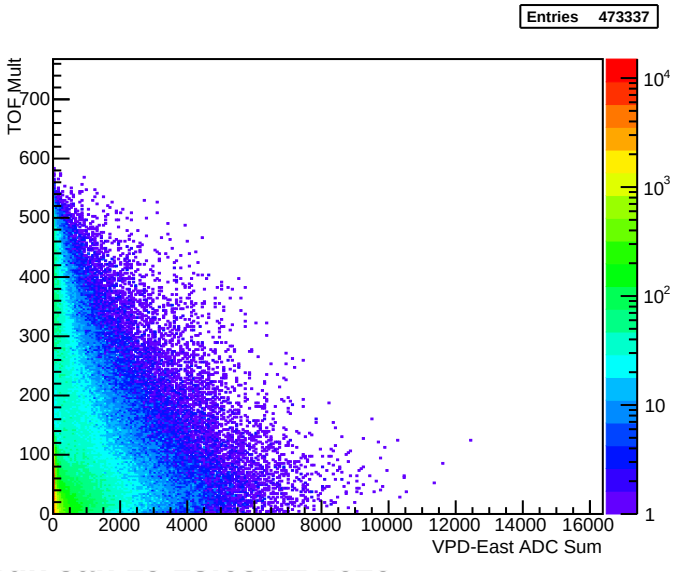

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

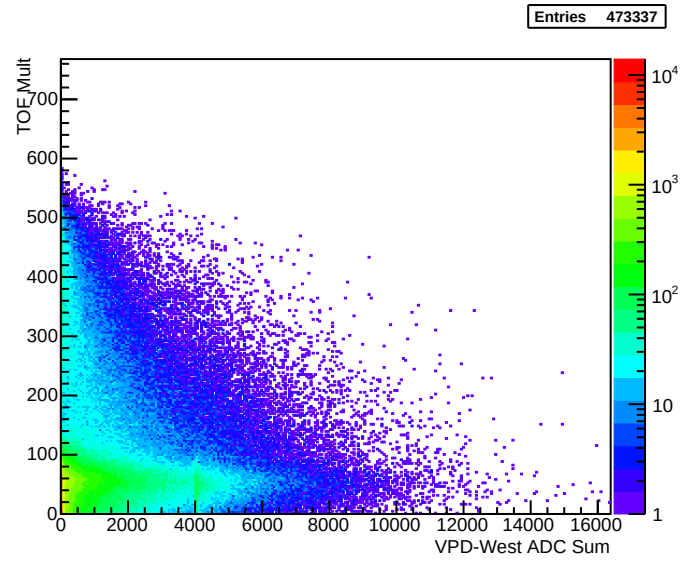

Entries 473337
TOF_Mult
BBC-S-East ADC Sum

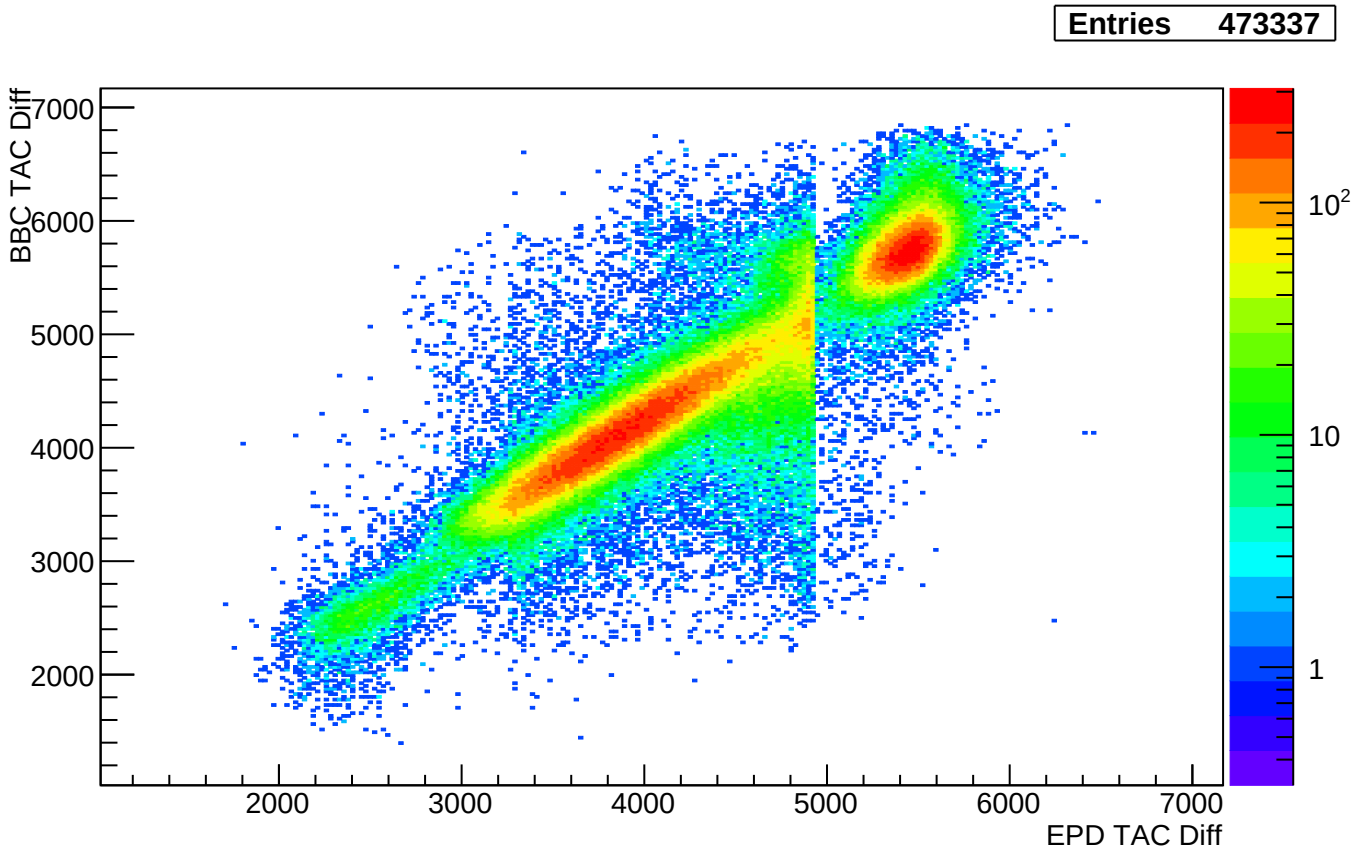

Entries 473337
TOF_Mult
BBC-S-West ADC Sum

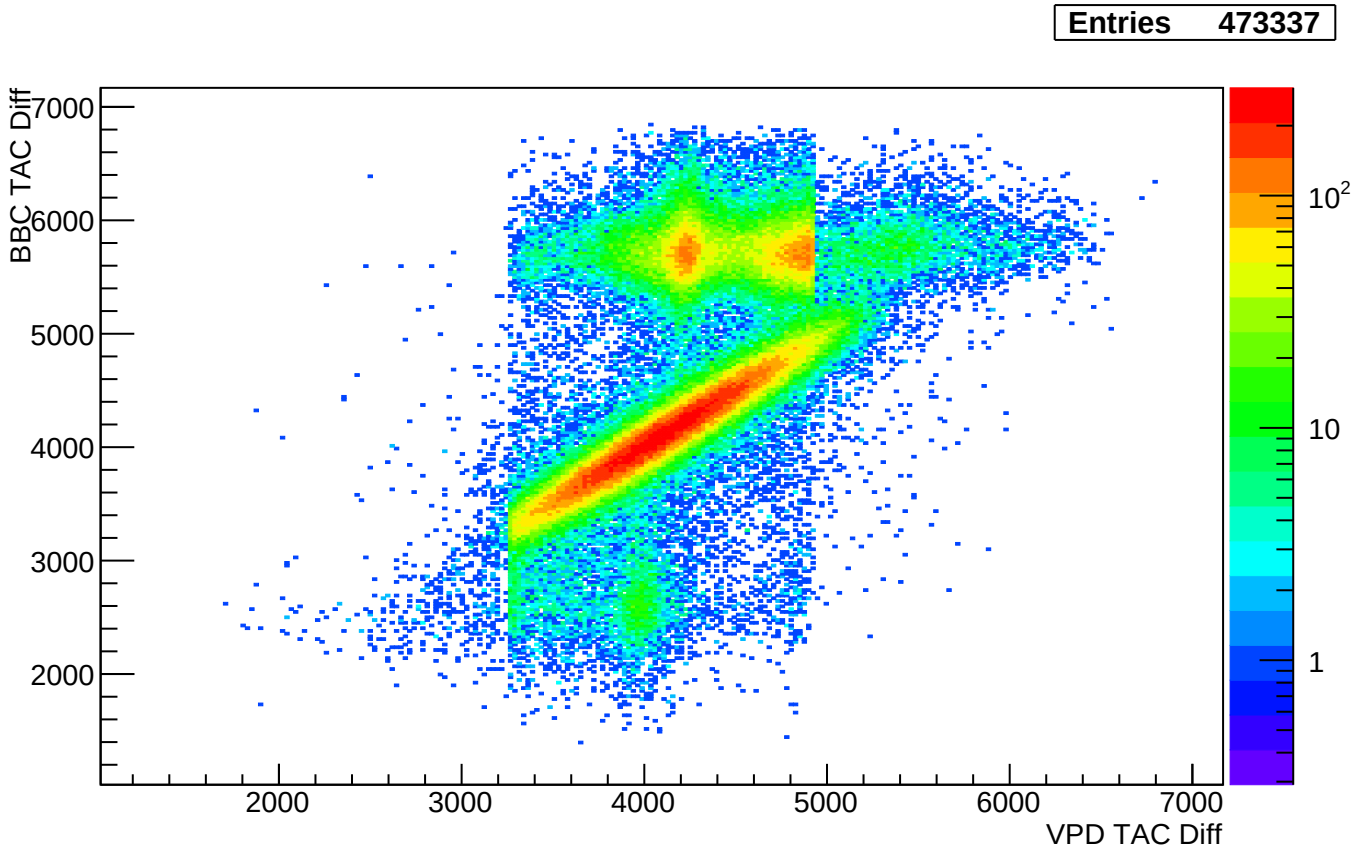

Entries 473337
TOF_Mult
EPD-East Hit Cnt

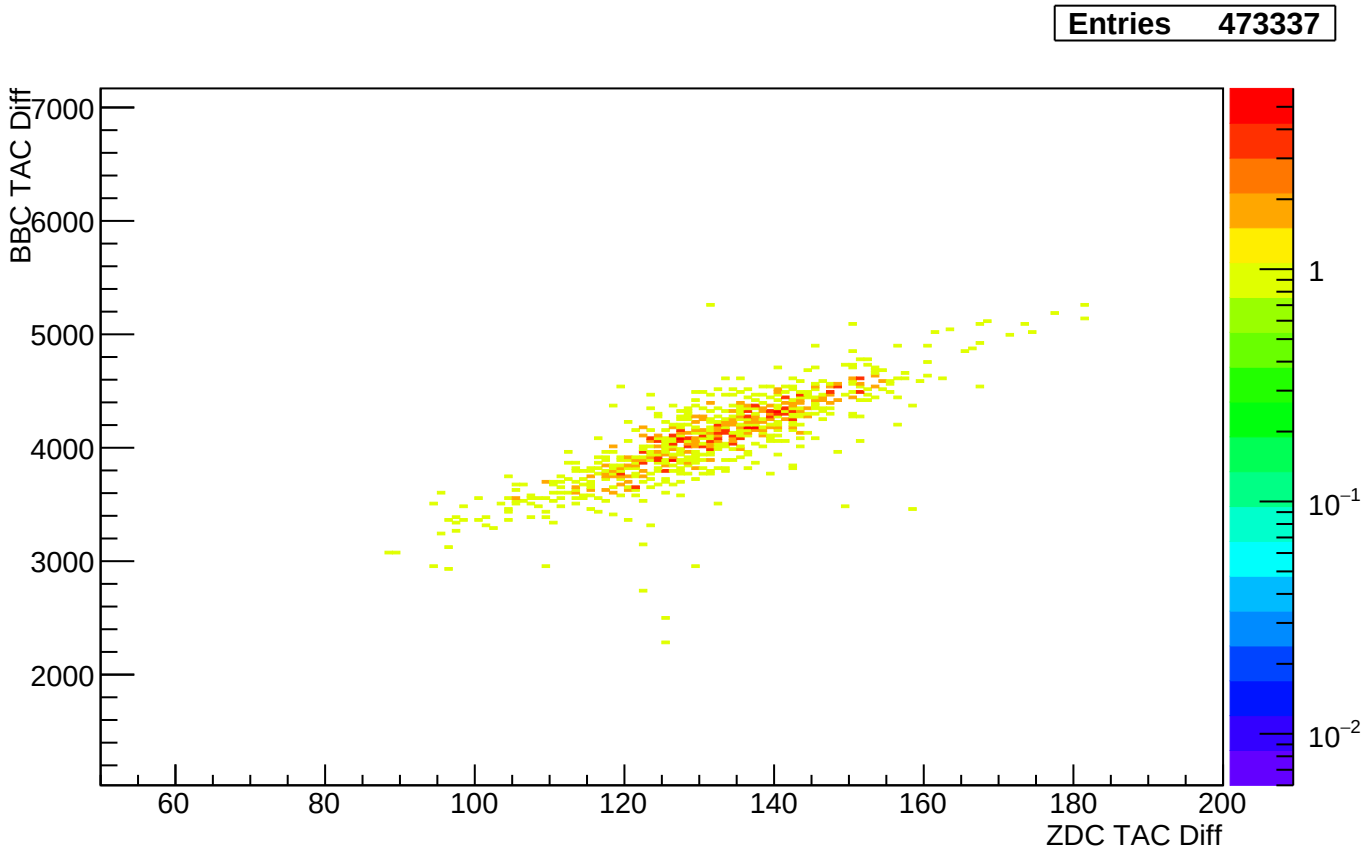

Entries 473337
TOF_Mult
EPD-West Hit Cnt

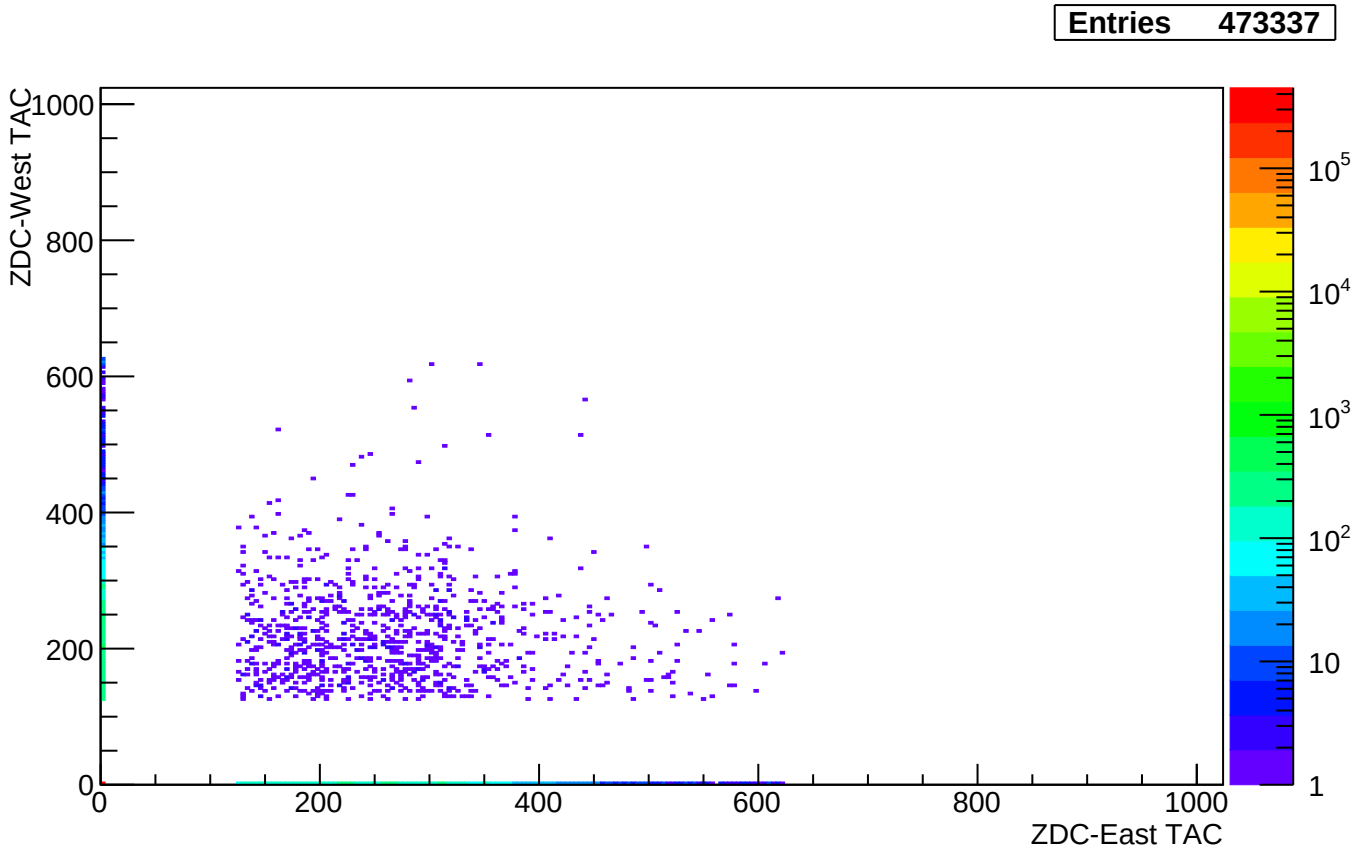

Entries 473337
TOF_Mult
VPD-East ADC Sum

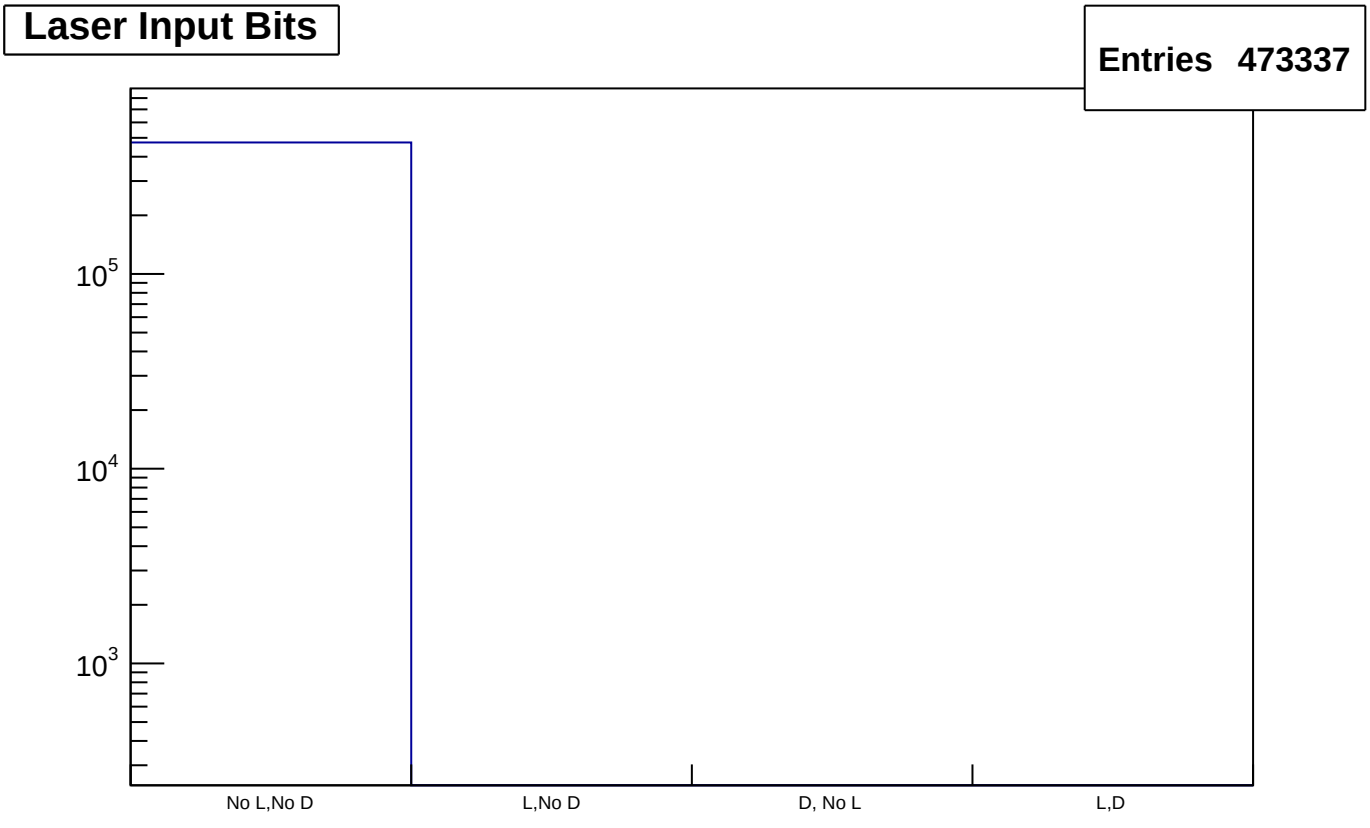

Entries 473337
TOF_Mult
VPD-West ADC Sum

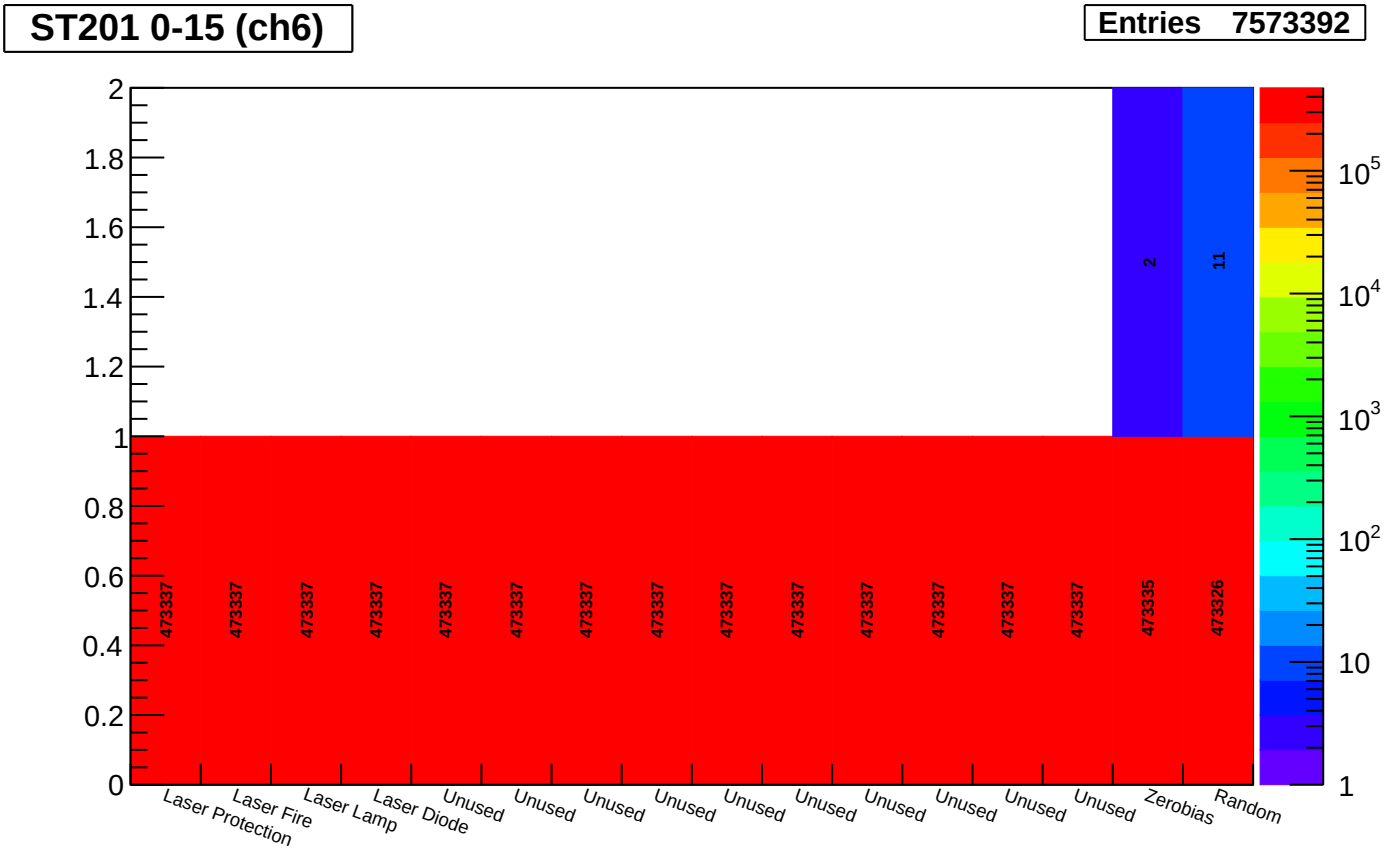

Entries 473337
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

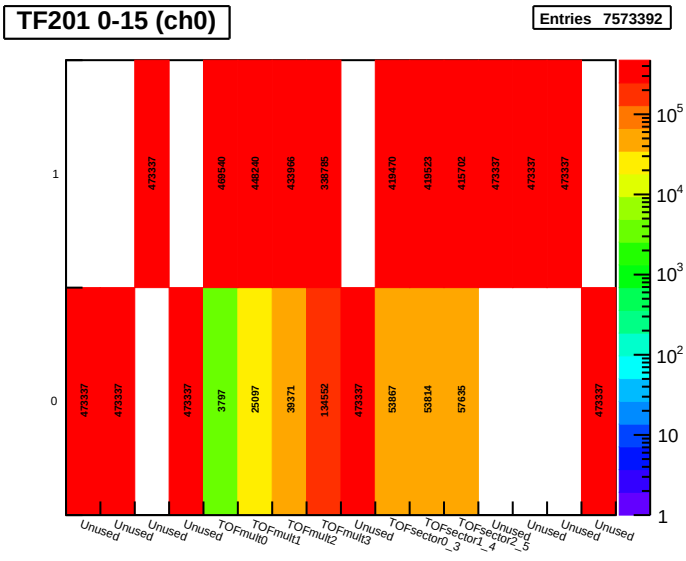

Entries 473337
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

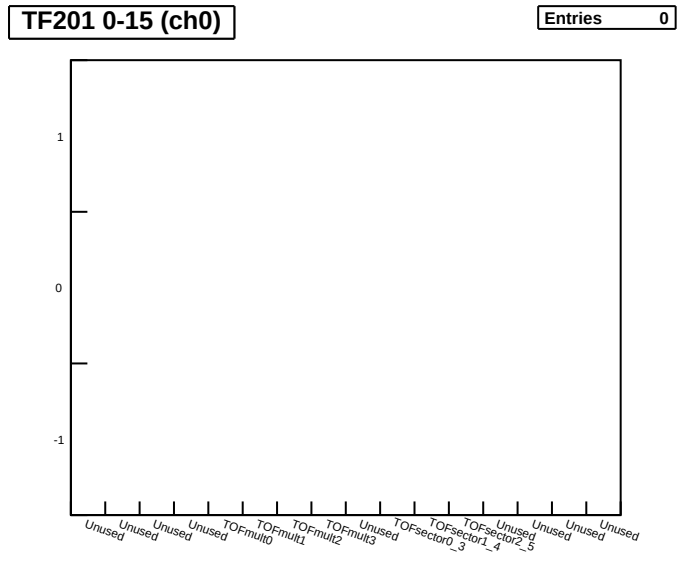

Entries 473337
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

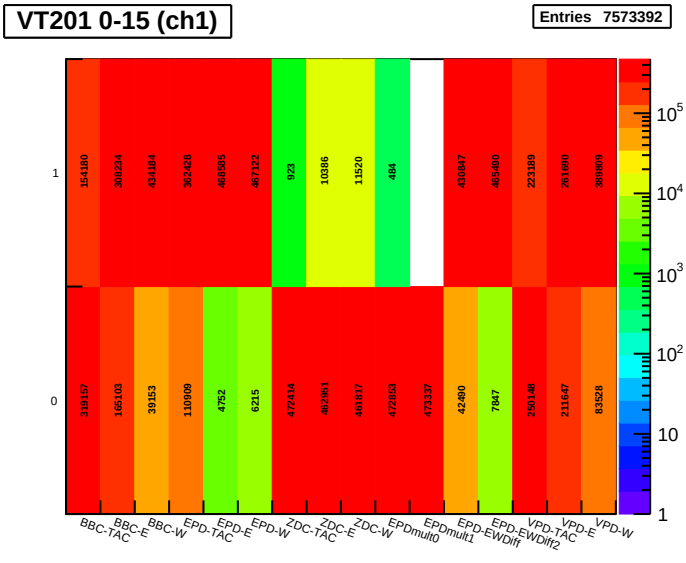

Entries 473337
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

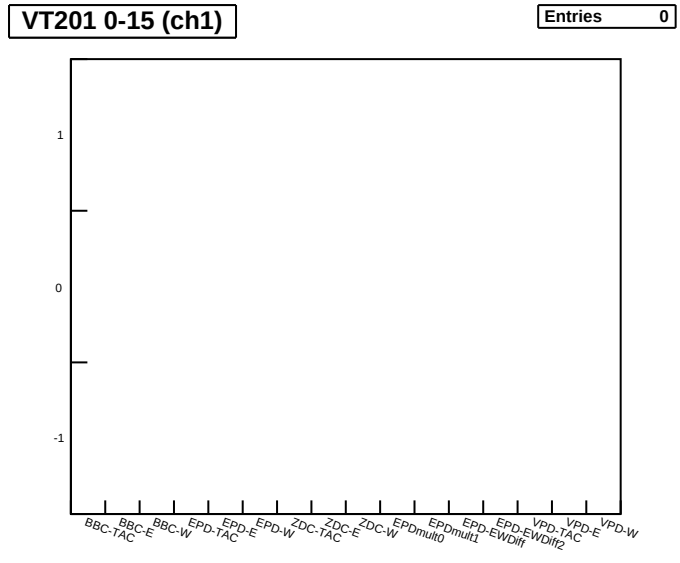

Laser Input Bits
Entries 473337
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

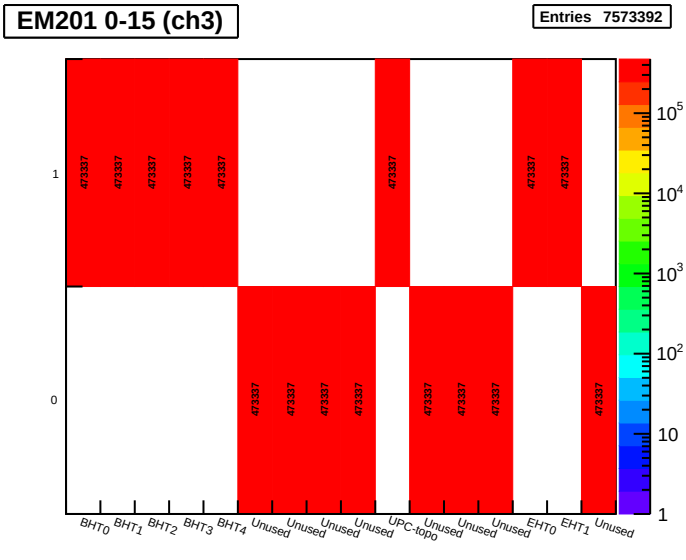

ST201 0-15 (ch6)
Entries 7573392
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
473337
473337
473337
473337
473337
473337
473337
473337
473337
473337
473337
473337
473337
473337
473335
473326
2
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

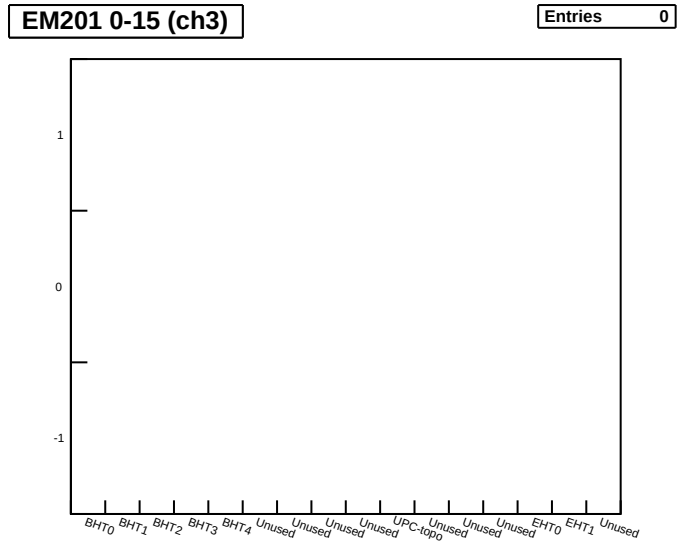

TF201 0-15 (ch0)
Entries 7573392
1
0
473337
409540
448240
433966
338785
419470
419523
415702
473337
473337
473337
473337
473337
473337
3797
25097
39371
134552
473337
53867
53814
57635
473337
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 7573392
1
0
154180
308234
434184
362428
468585
467122
923
10386
11520
484
430847
465480
223189
261690
389809
319157
165103
39153
110909
4752
6215
472414
462961
461817
472863
473337
42490
7847
250146
211647
83528
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 7573392
1
0
473337
473337
473337
473337
473337
473337
473337
473337
473337
473337
473337
473337
473337
473337
473337
473337
473337
473337
473337
473337
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