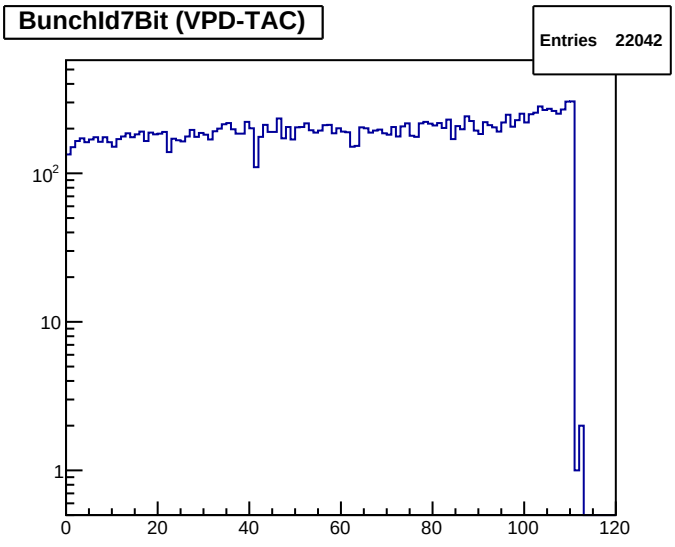
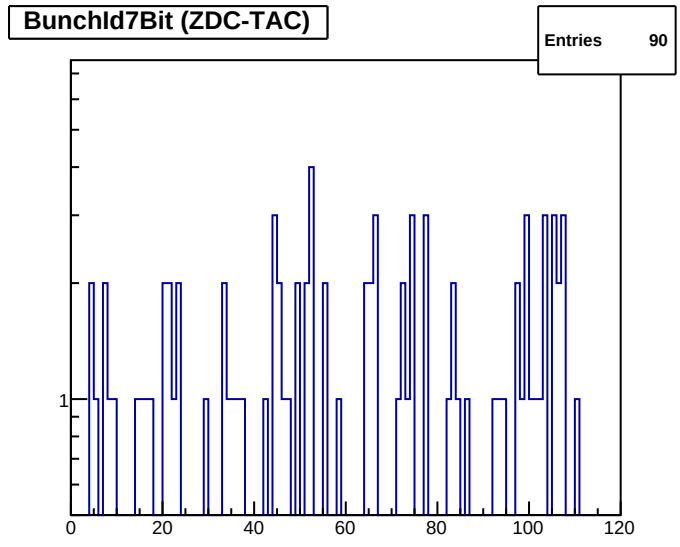
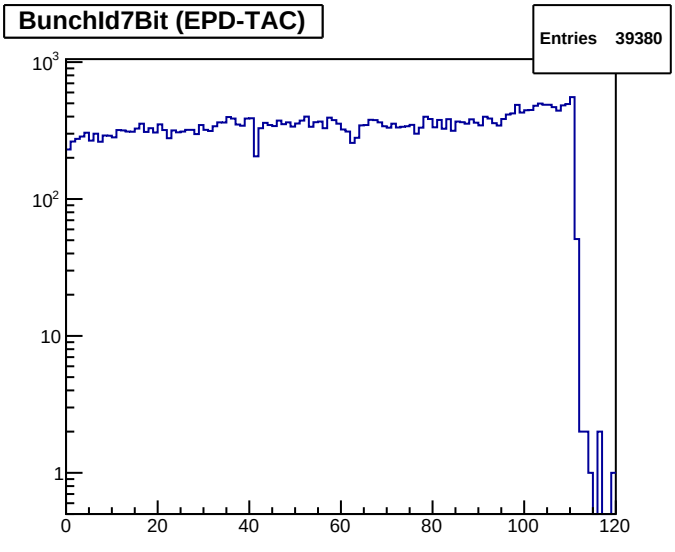
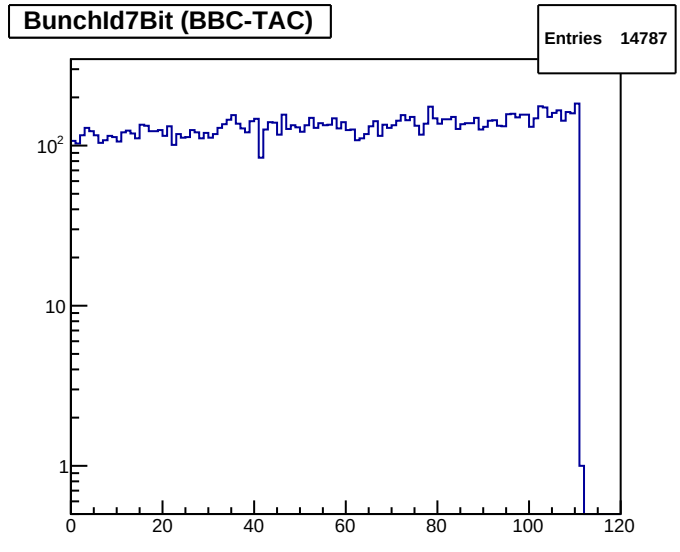
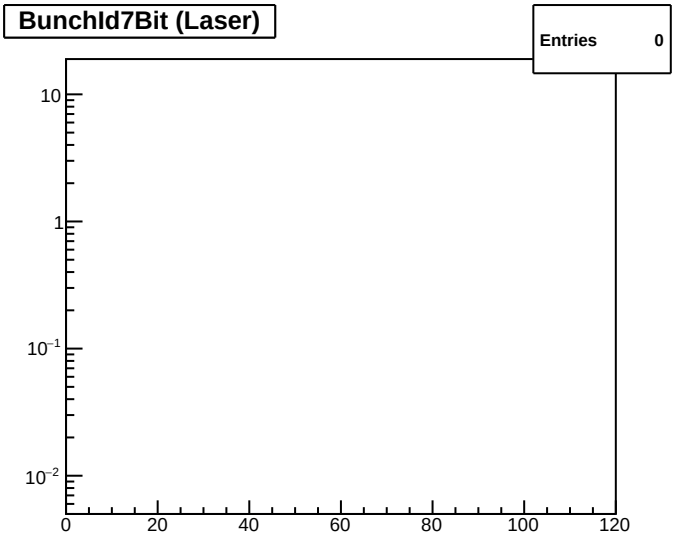
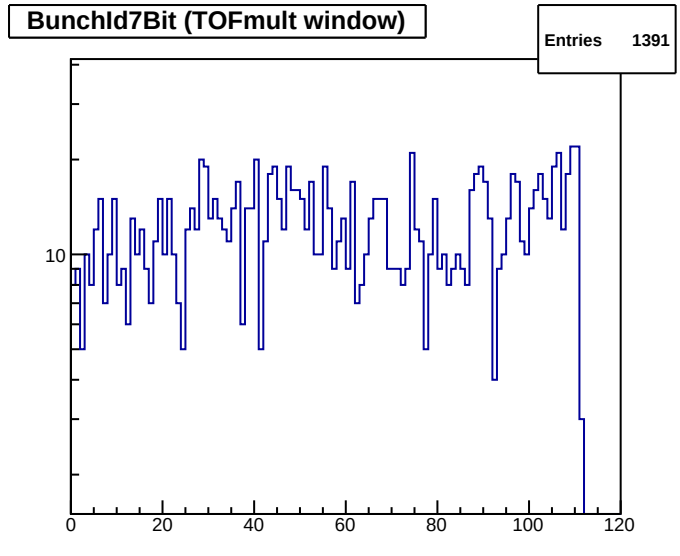

BunchId7Bit (VPD-TAC)
Entries 22042

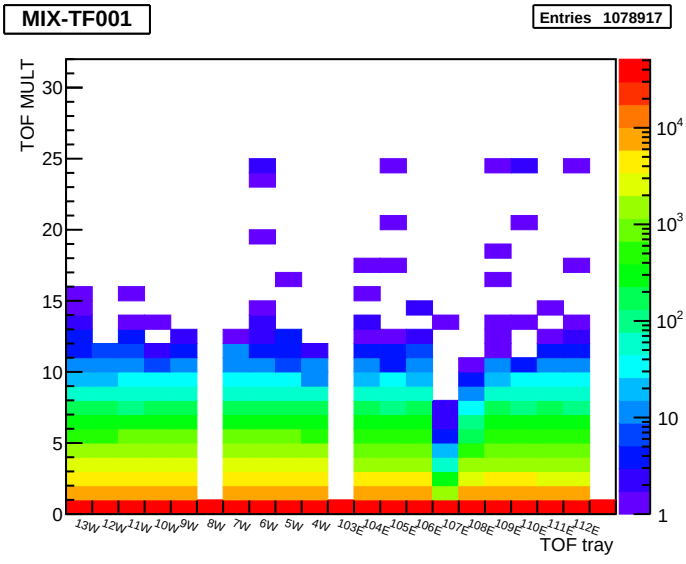

BunchId7Bit (ZDC-TAC)
Entries 90

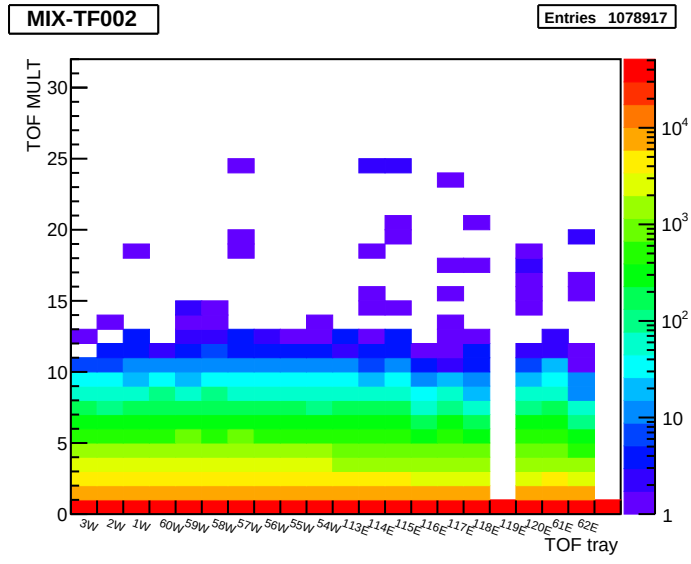

BunchId7Bit (EPD-TAC)
Entries 39380

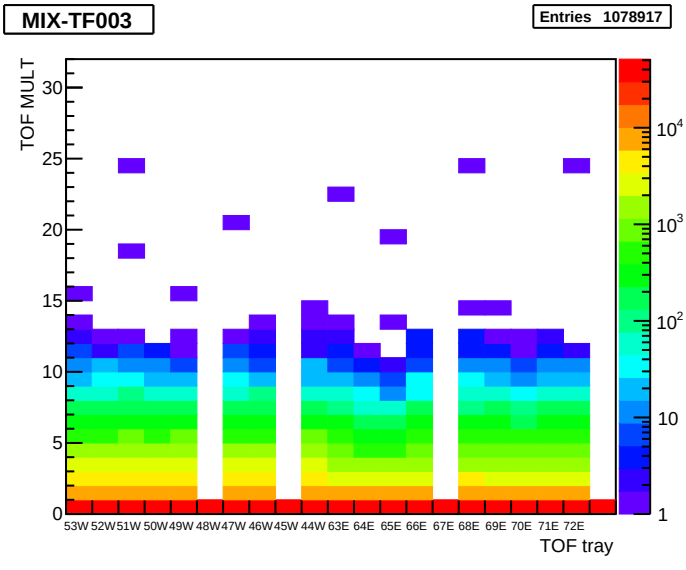

BunchId7Bit (BBC-TAC)
Entries 14787

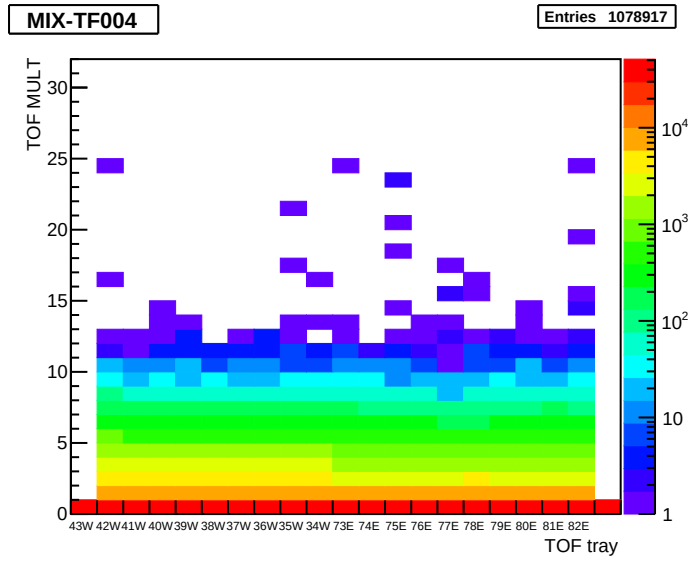

BunchId7Bit (Laser)
Entries 0

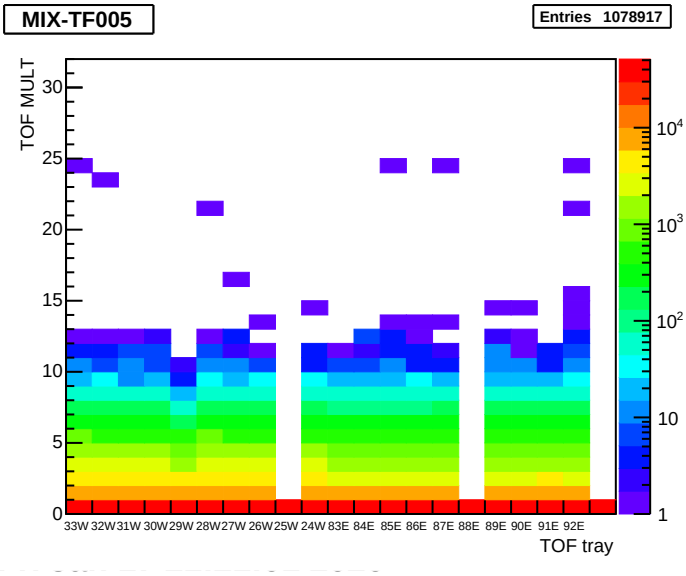

BunchId7Bit (TOFmult window)
Entries 1391

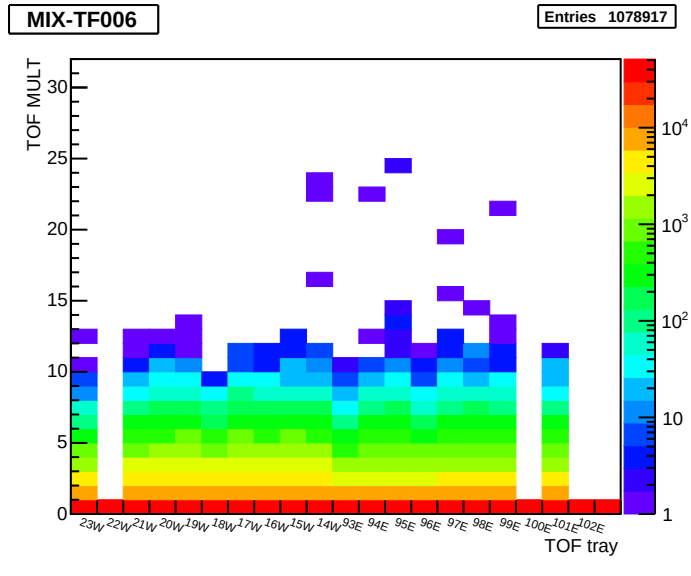

MIX-TF001
Entries 1078917
TOF MULT
TOF tray

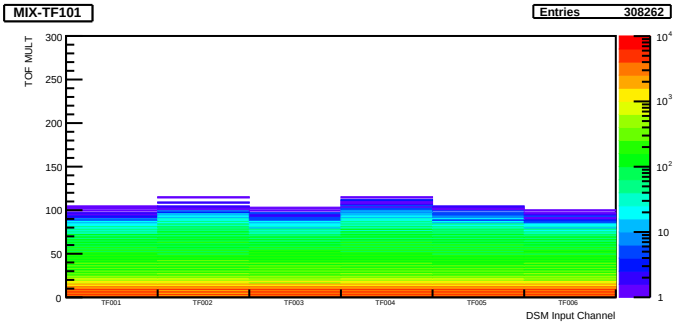

MIX-TF002
Entries 1078917
TOF MULT
TOF tray

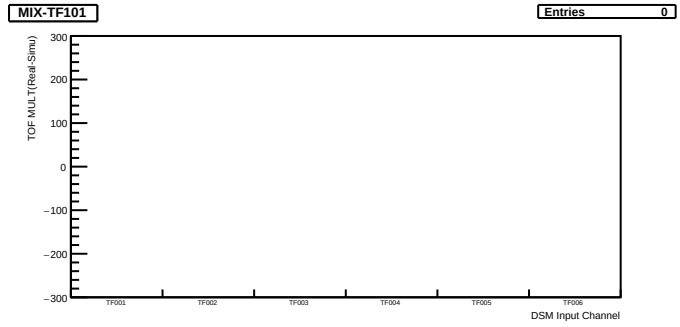

MIX-TF003
Entries 1078917
TOF MULT
TOF tray

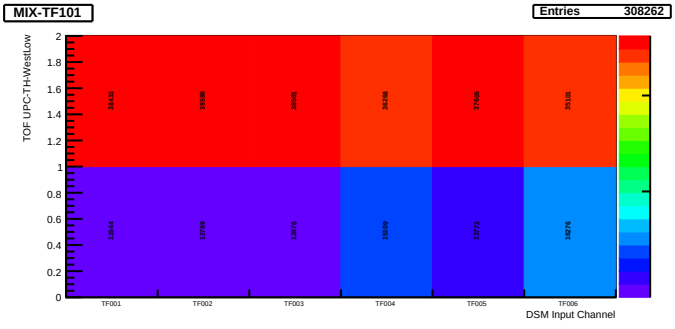

MIX-TF004
Entries 1078917
TOF MULT
TOF tray

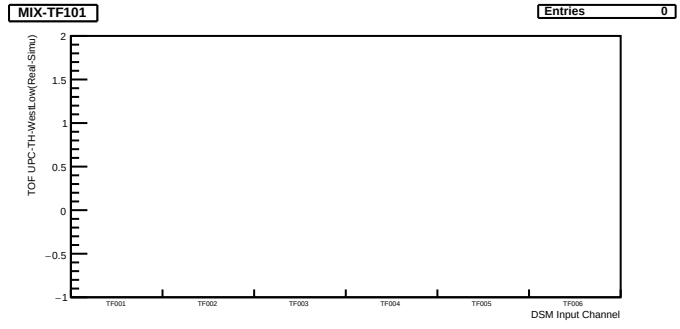

MIX-TF005
Entries 1078917
TOF MULT
TOF tray

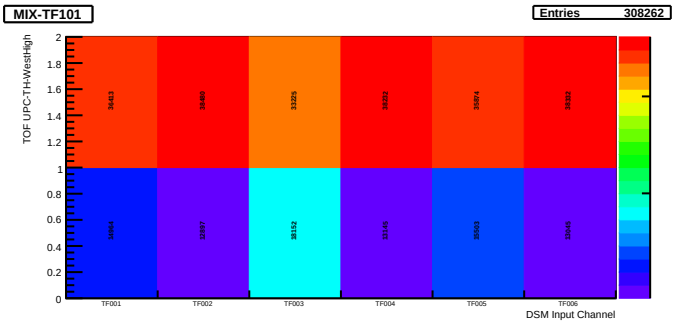

MIX-TF006
Entries 1078917
TOF MULT
TOF tray

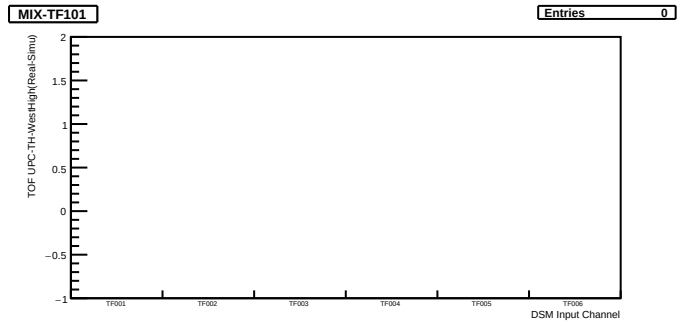

MIX-TF101
Entries 308262
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

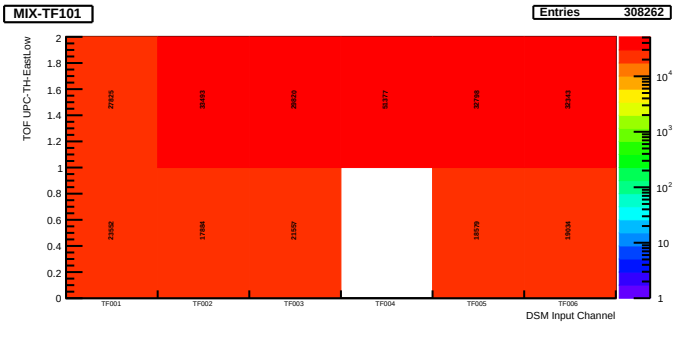

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

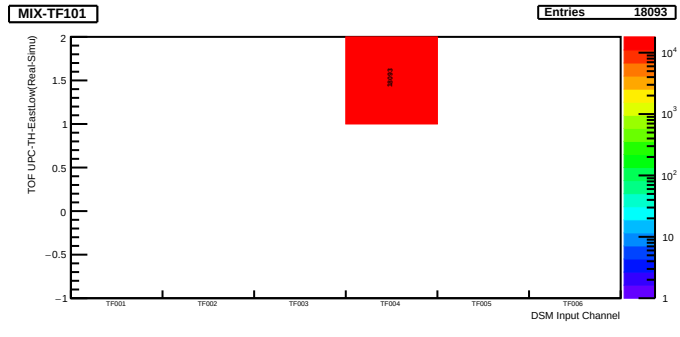

MIX-TF101
Entries 308262
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

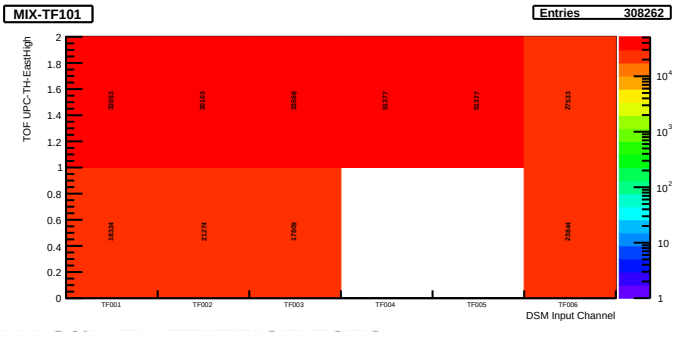

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

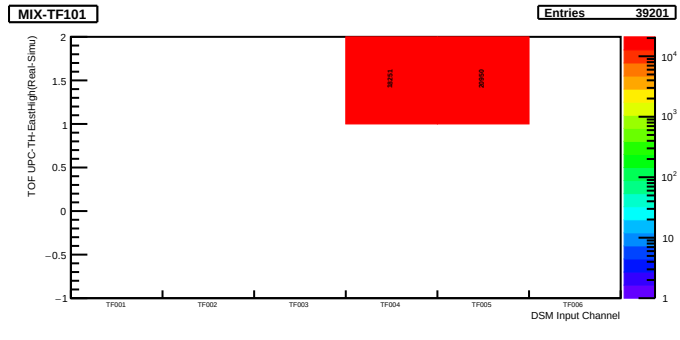

MIX-TF101
Entries 308262
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

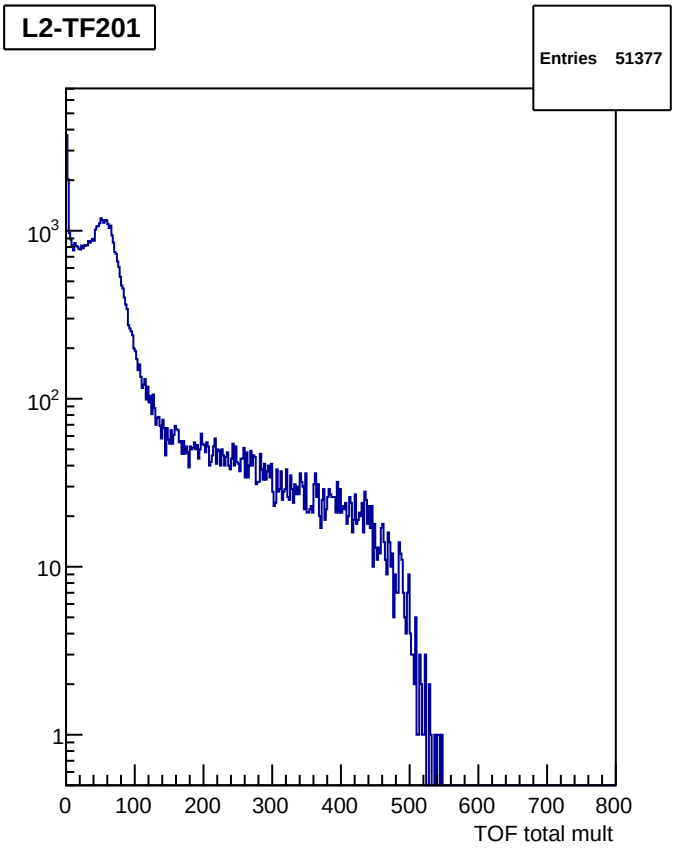

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

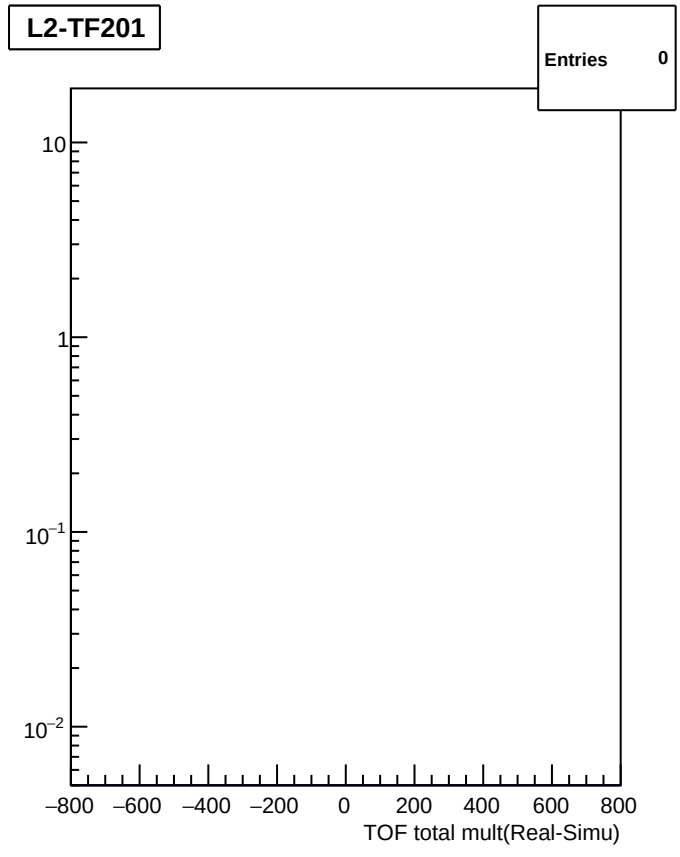

MIX-TF101
Entries 308262
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

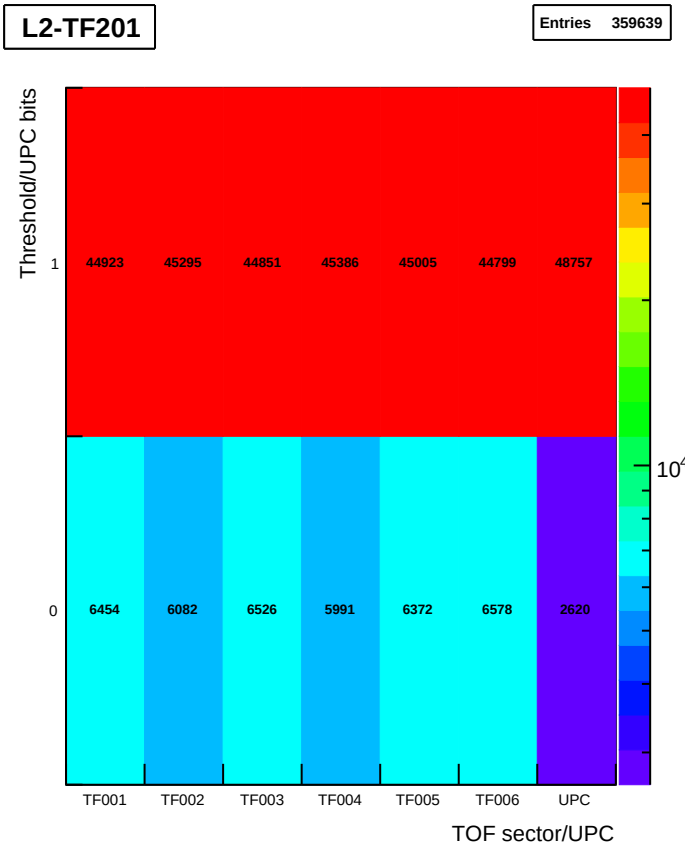

MIX-TF101
Entries 18093
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

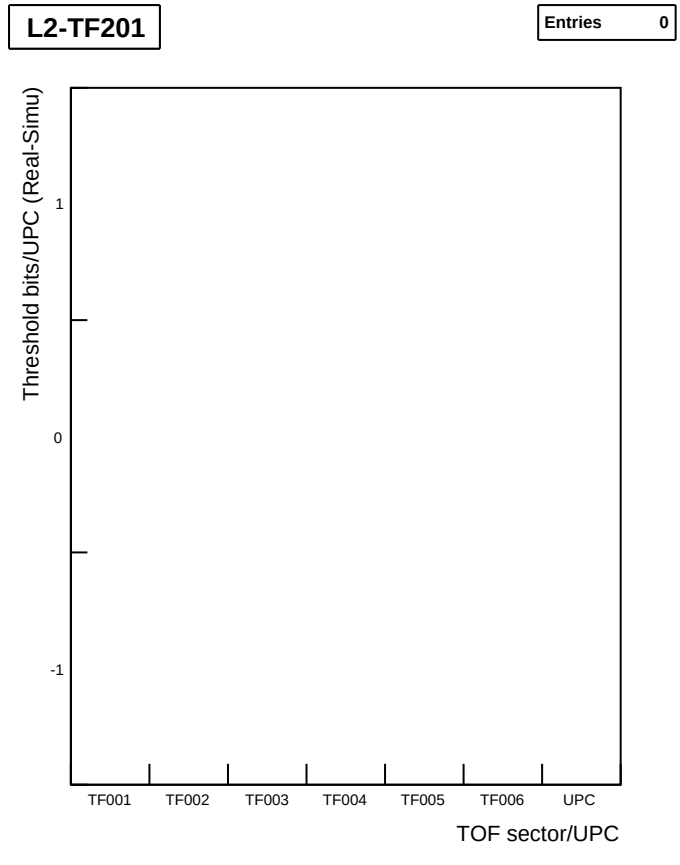

MIX-TF101
Entries 308262
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

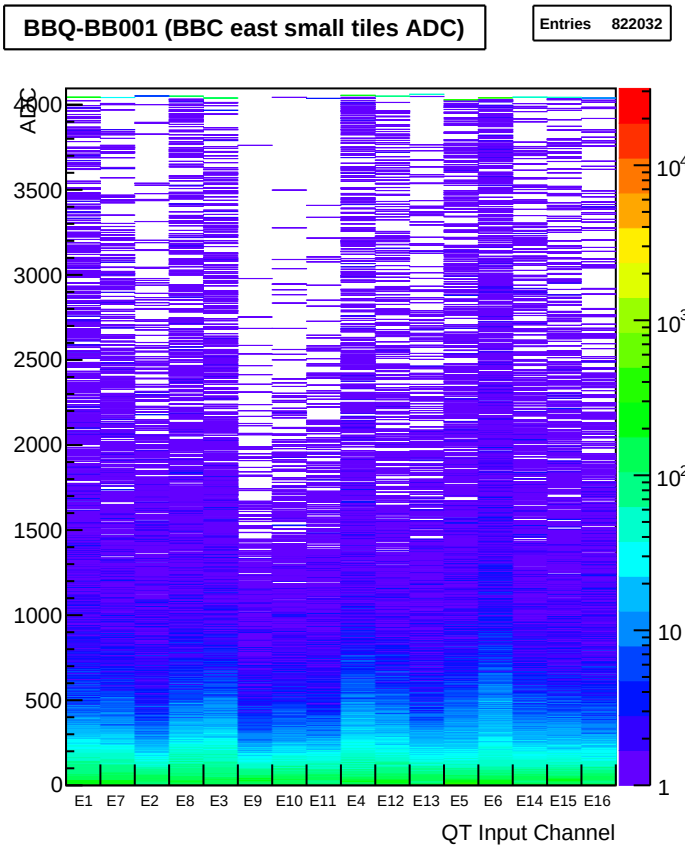

MIX-TF101
Entries 39201
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

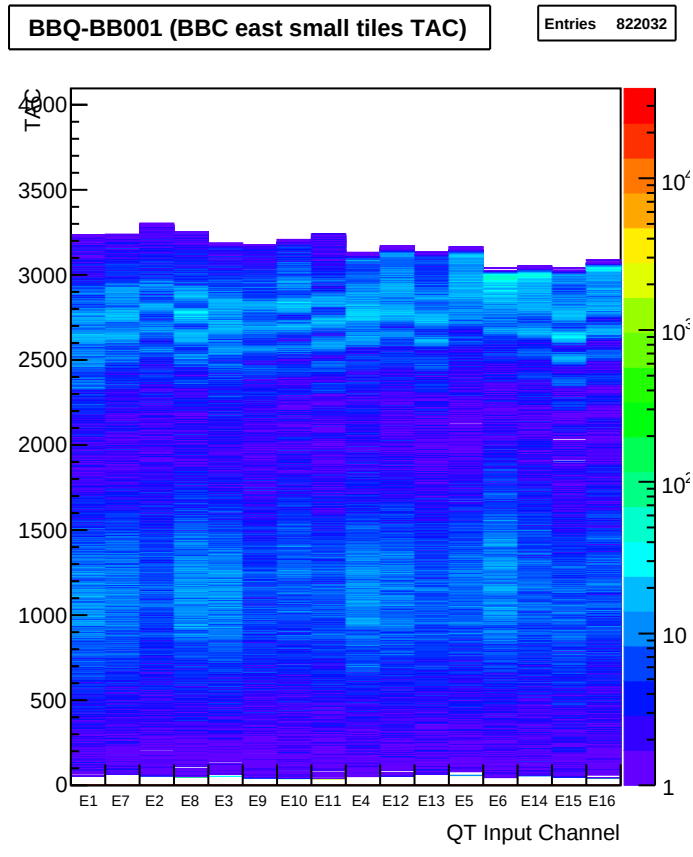

L2-TF201
Entries 51377
TOF total mult

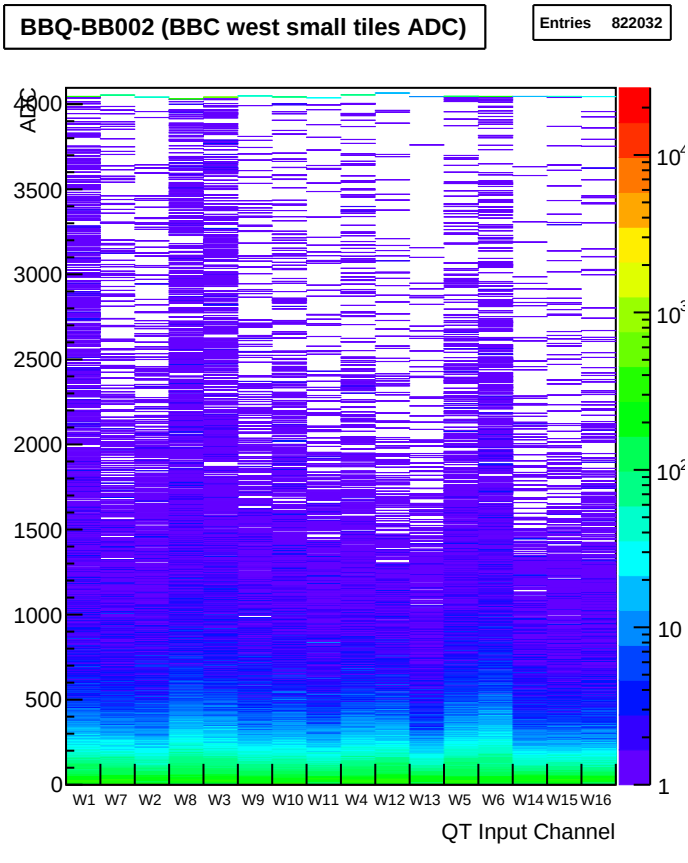

L2-TF201
Entries 0
TOF total mult(Real-Simu)

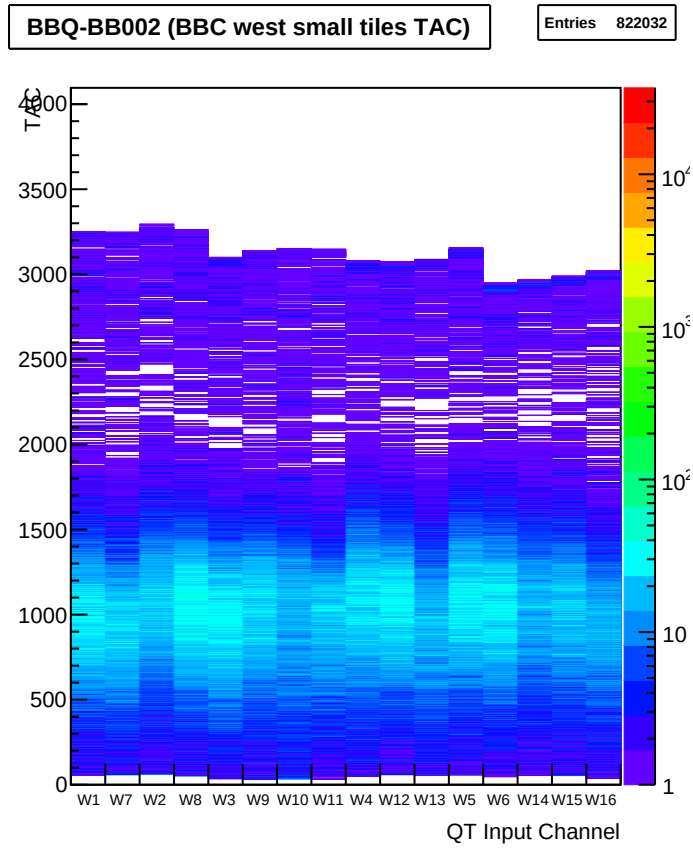

L2-TF201
Entries 359639
Threshold/UPC bits
44923
45295
44851
45386
45005
44799
48757
6454
6082
6526
5991
6372
6578
2620
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

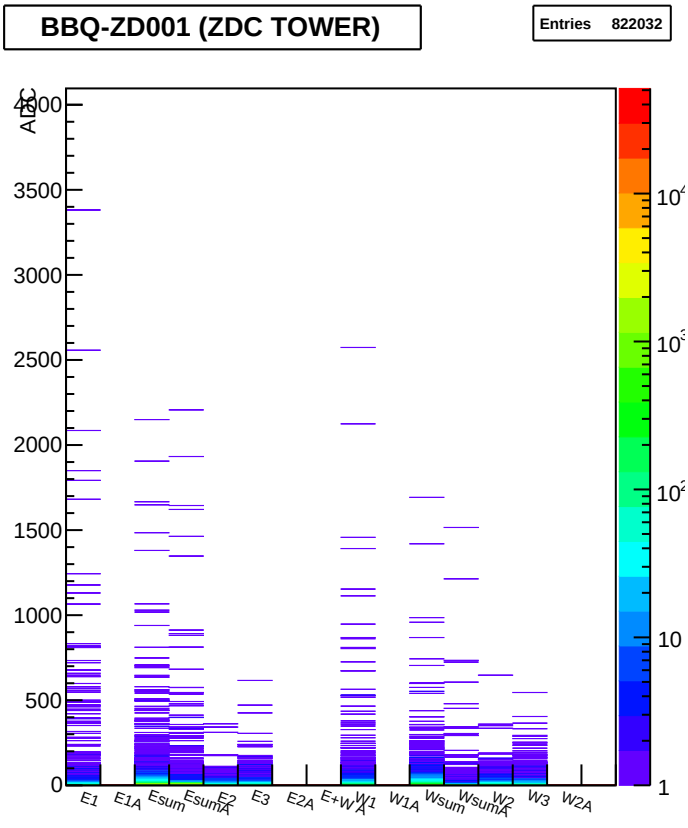

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

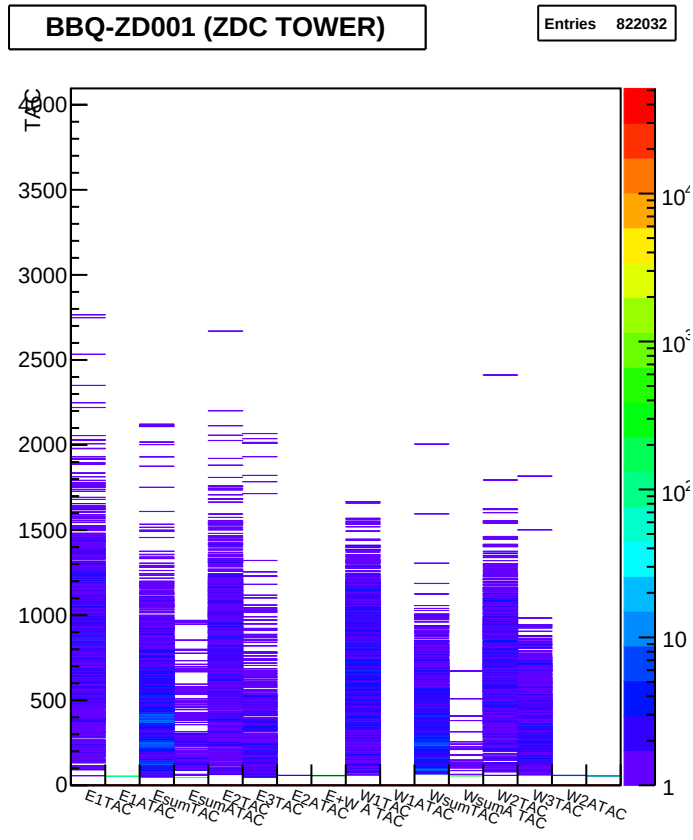

BBQ-BB001 (BBC east small tiles ADC)
Entries 822032
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

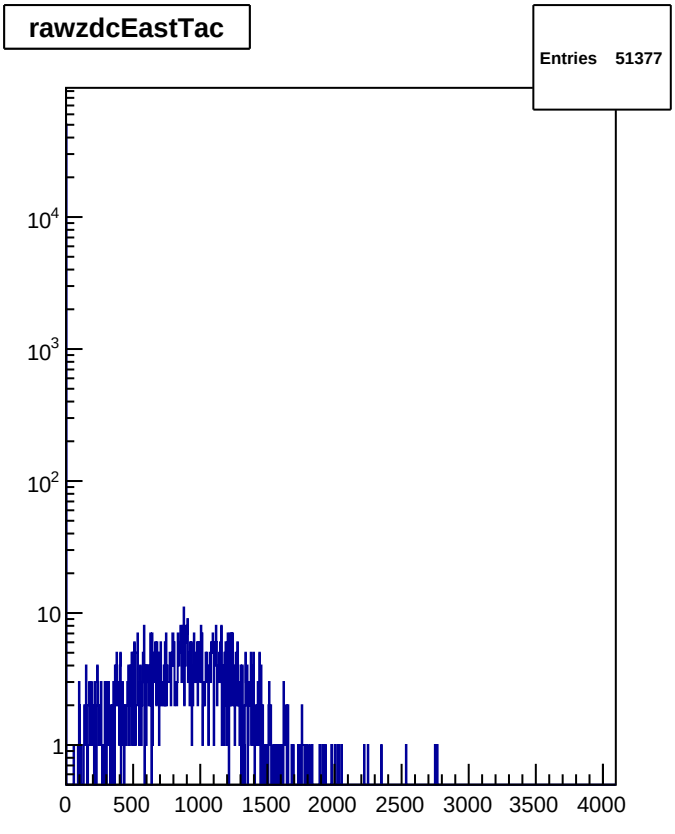

BBQ-BB001 (BBC east small tiles TAC)
Entries 822032
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

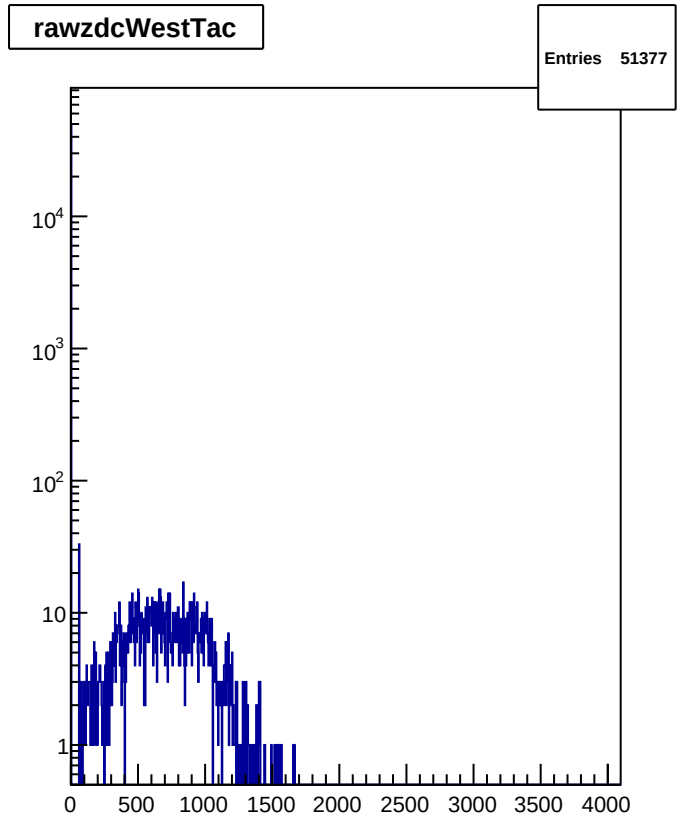

BBQ-BB002 (BBC west small tiles ADC)
Entries 822032
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

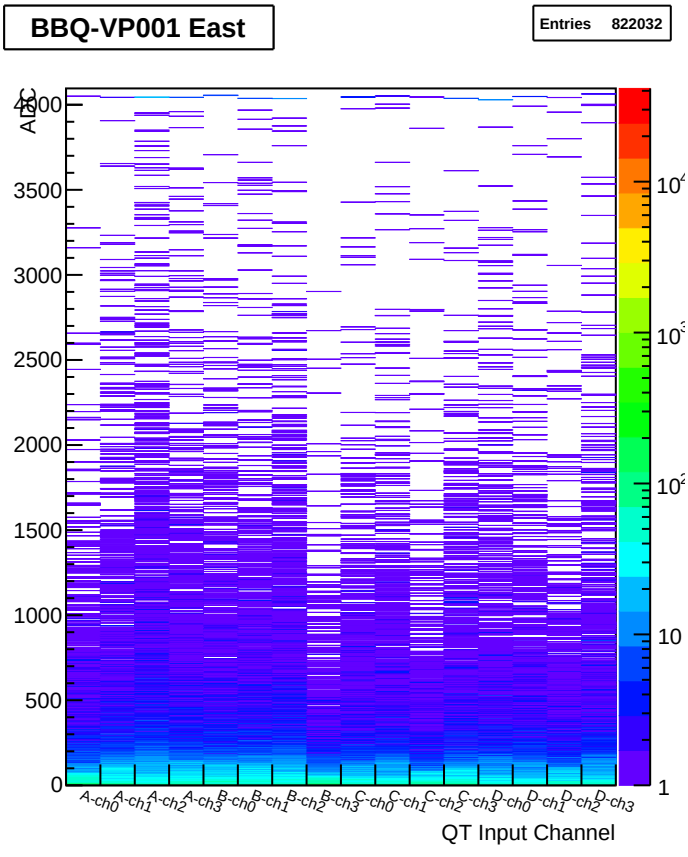

BBQ-BB002 (BBC west small tiles TAC)
Entries 822032
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

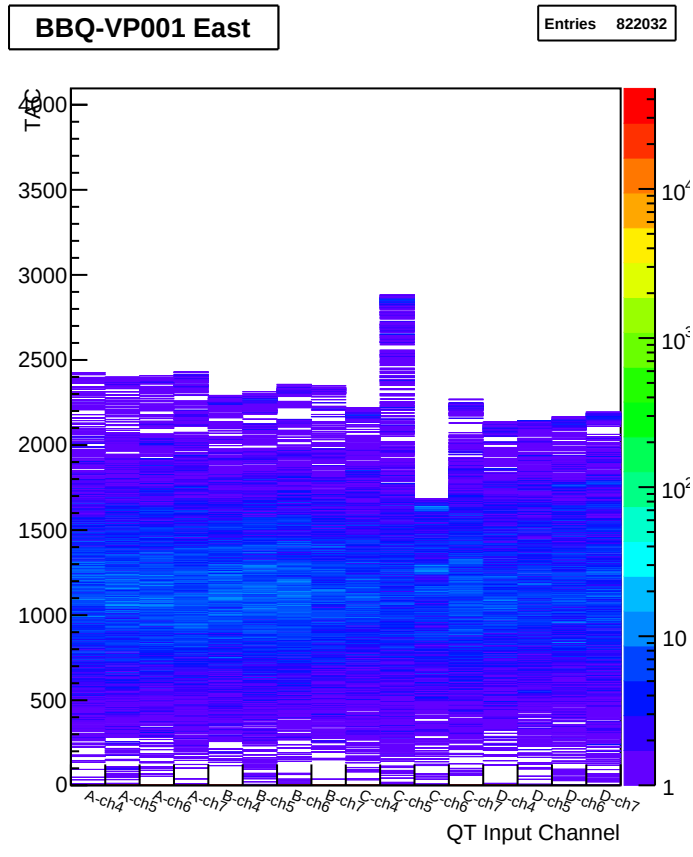

BBQ-ZD001 (ZDC TOWER)
Entries 822032
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W A
W1
W1A
Wsum
WsumA
W2
W3
W2A

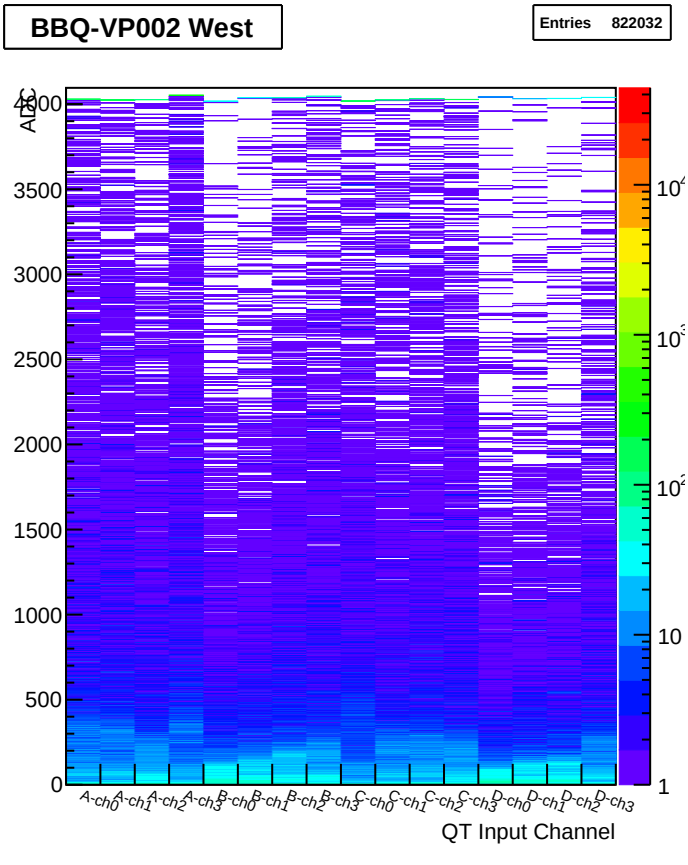

BBQ-ZD001 (ZDC TOWER)
Entries 822032
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

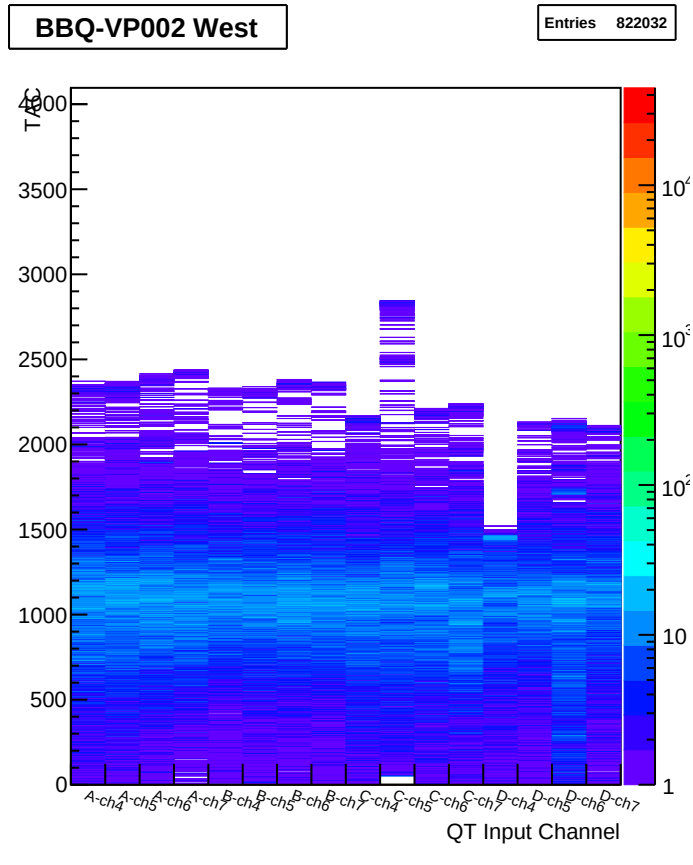

rawzdcEastTac
Entries 51377

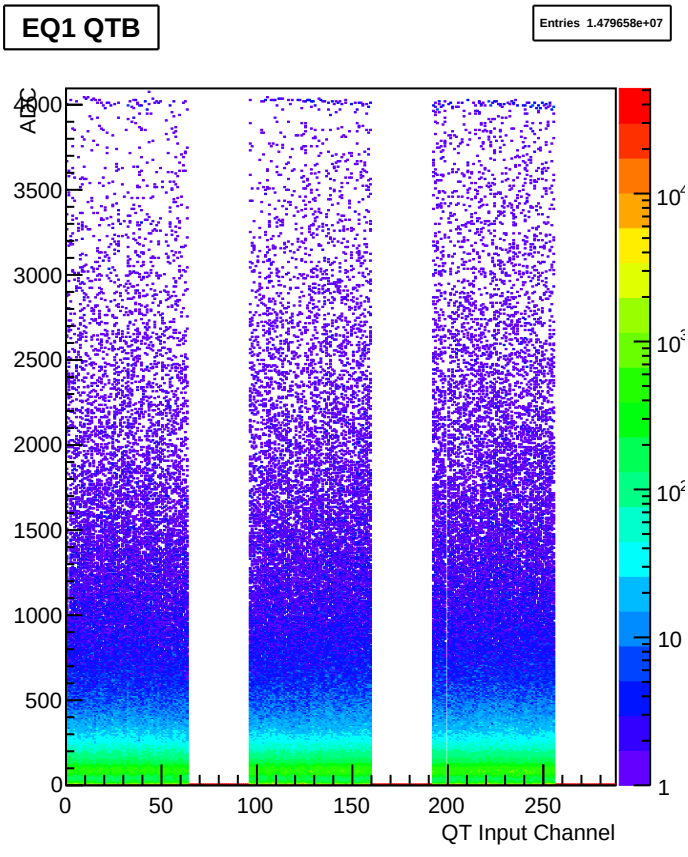

rawzdcWestTac
Entries 51377

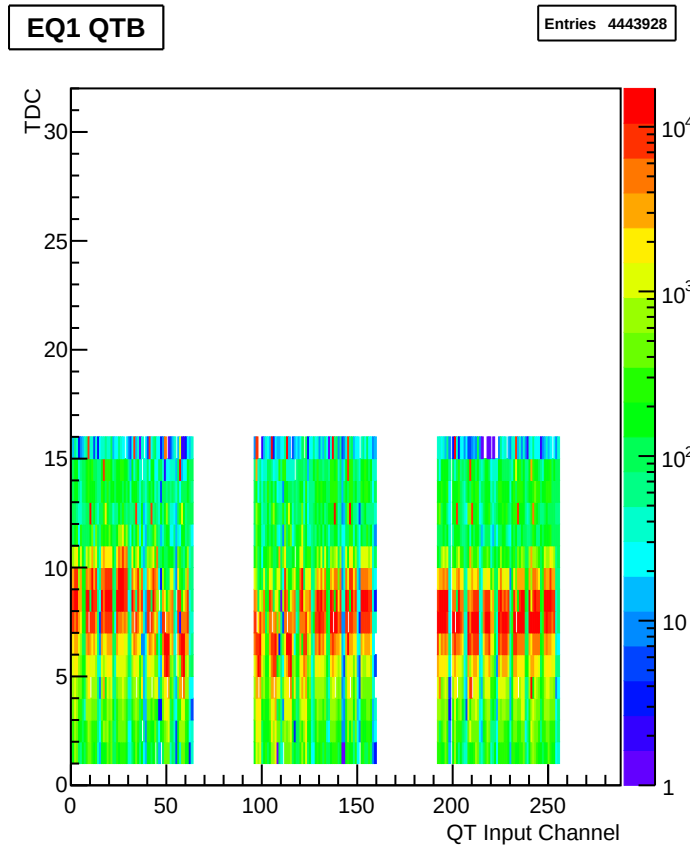

BBQ-VP001 East
Entries 822032
ADC
QT Input Channel

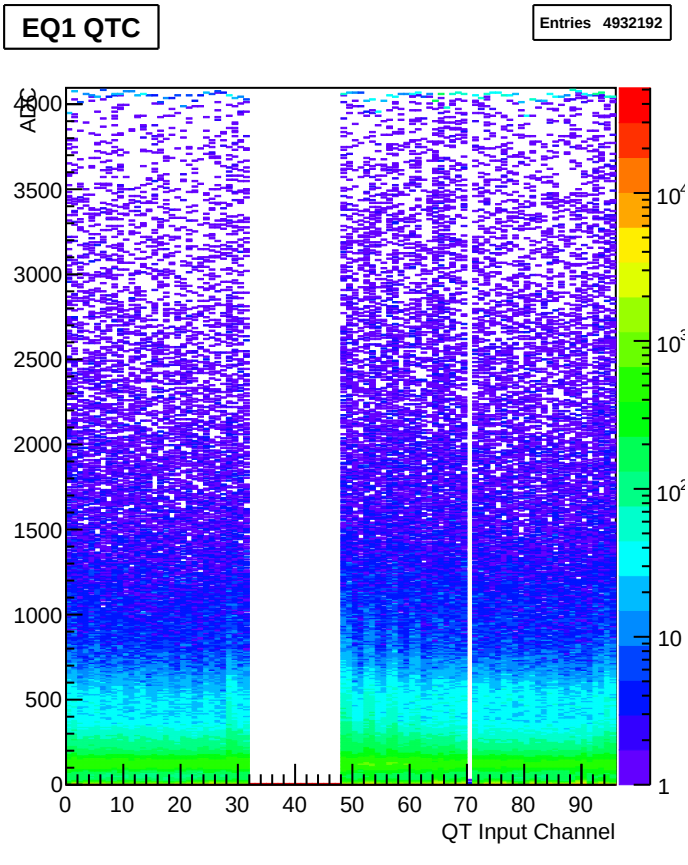

BBQ-VP001 East
Entries 822032
TADC
QT Input Channel

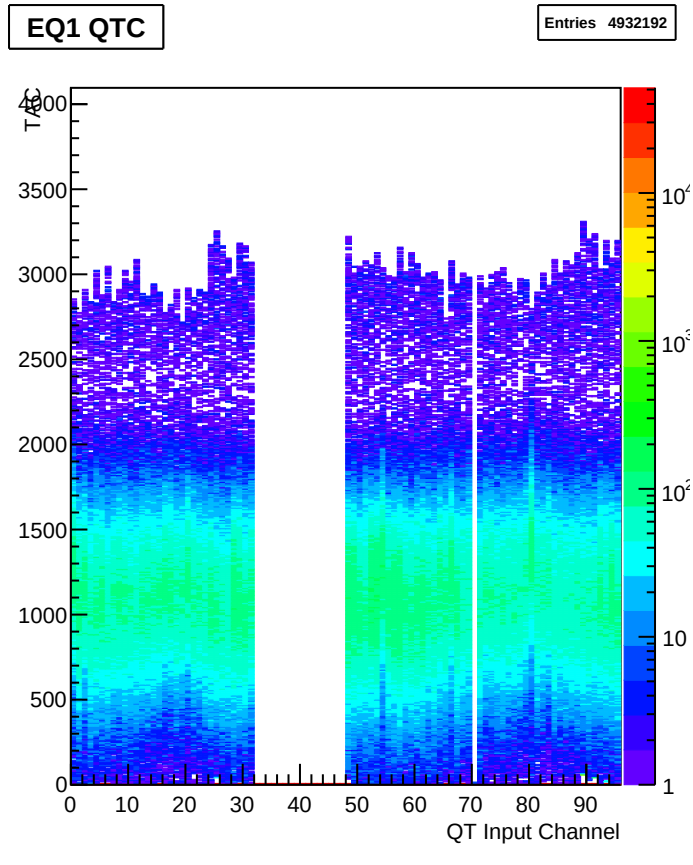

BBQ-VP002 West
Entries 822032
ADC
QT Input Channel

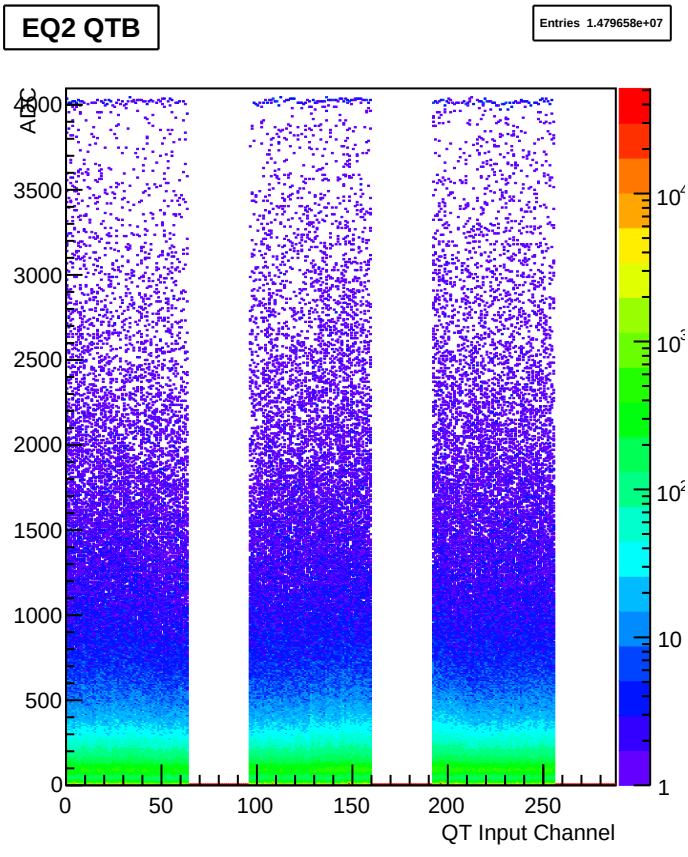

BBQ-VP002 West
Entries 822032
TADC
QT Input Channel

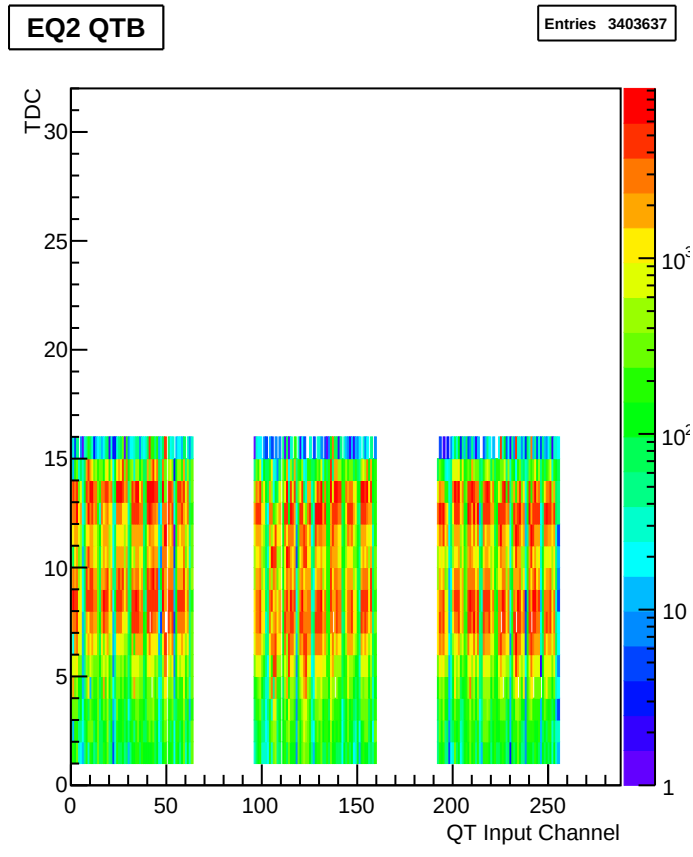

EQ1 QTB
Entries 1.479658e+07
ADC
QT Input Channel

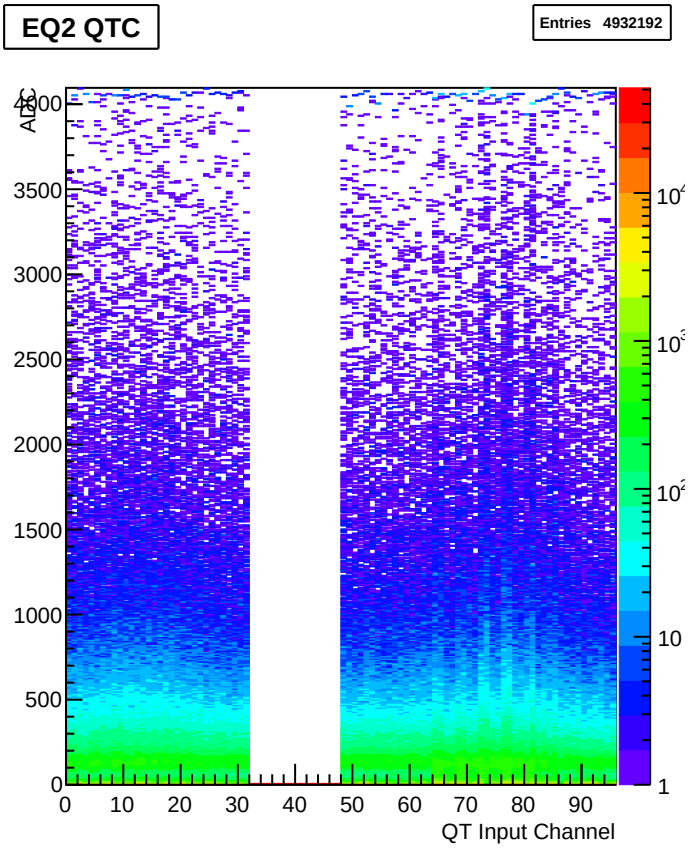

EQ1 QTB
Entries 4443928
TDC
QT Input Channel

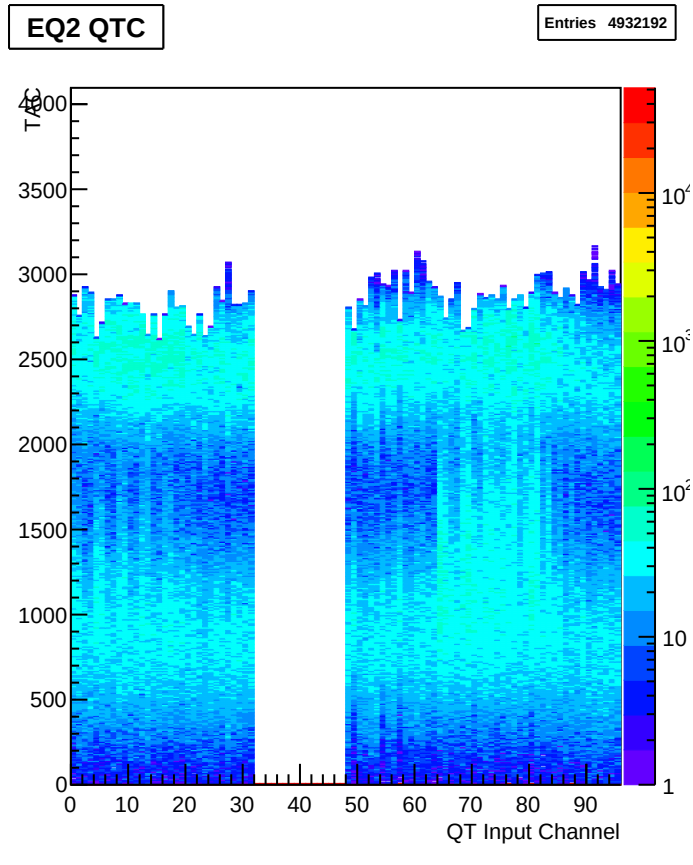

EQ1 QTC
Entries 4932192
ADC
QT Input Channel

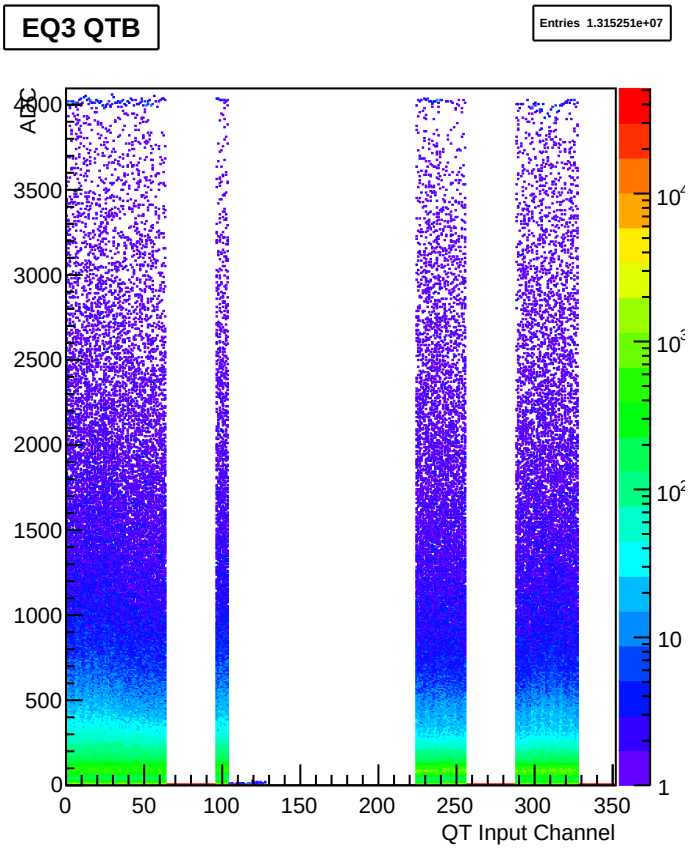

EQ1 QTC
Entries 4932192
TADC
QT Input Channel

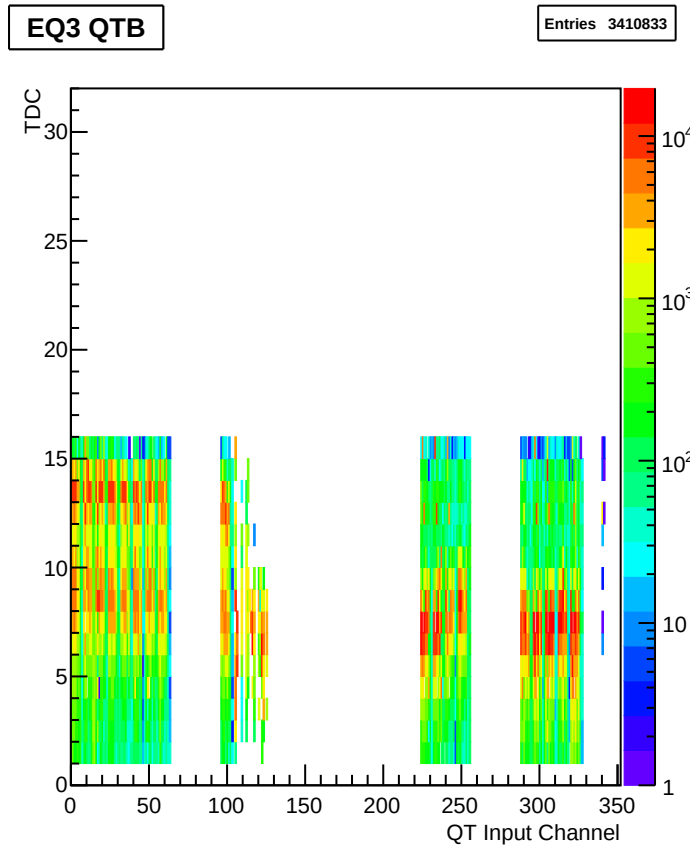

EQ2 QTB
Entries 1.479658e+07
ADC
QT Input Channel

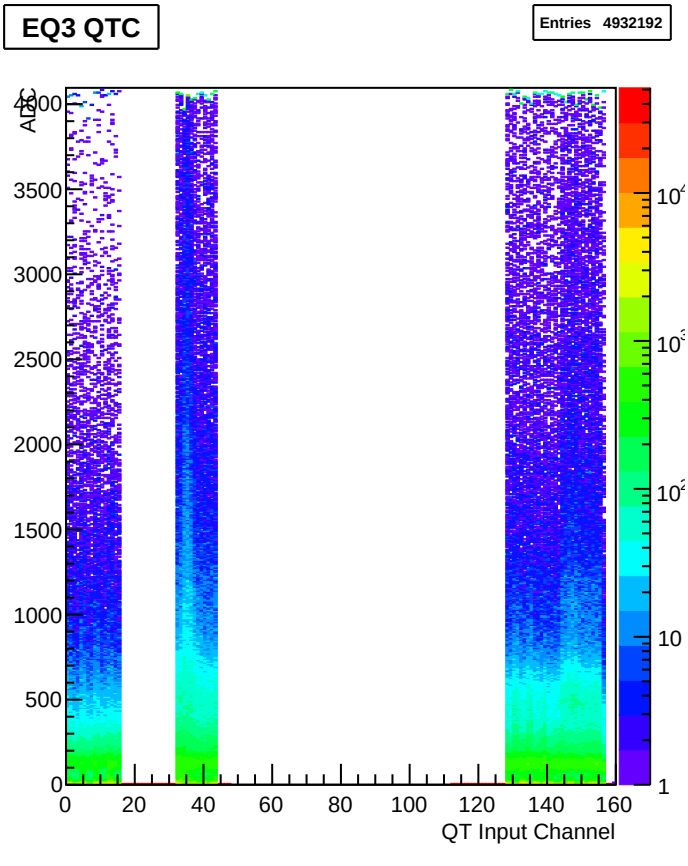

EQ2 QTB
Entries 3403637
TDC
QT Input Channel

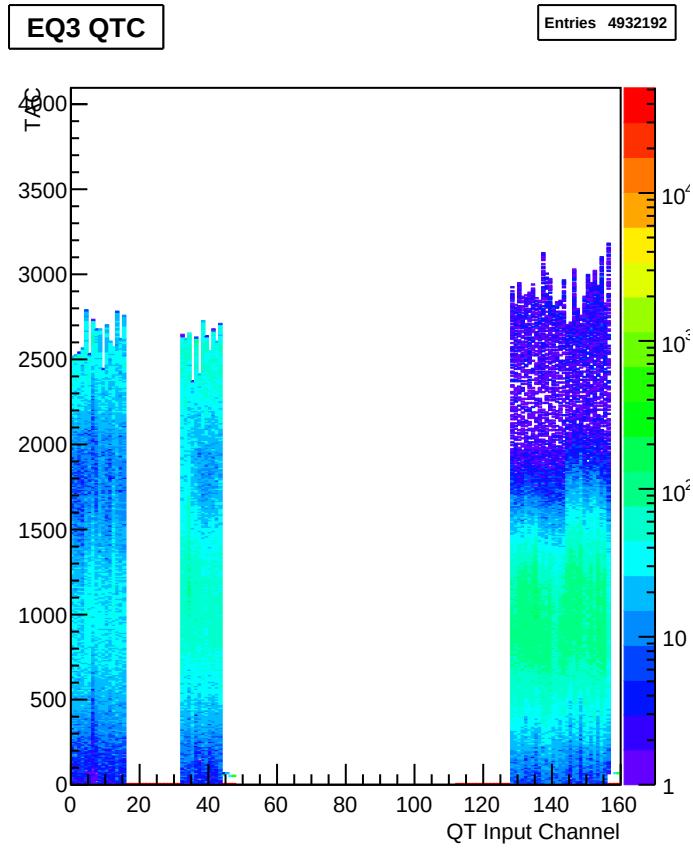

EQ2 QTC
Entries 4932192
ADC
QT Input Channel

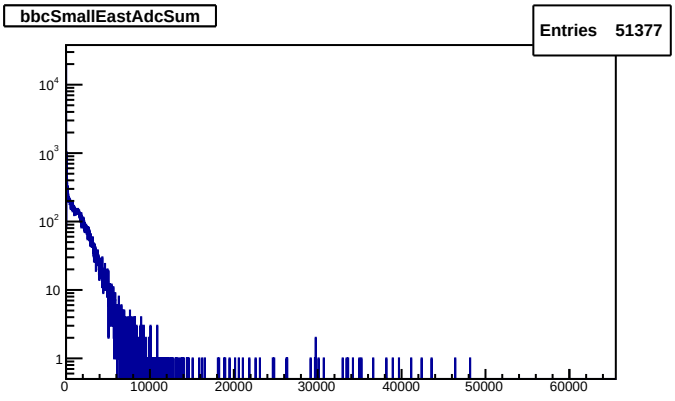

EQ2 QTC
Entries 4932192
TADC
QT Input Channel

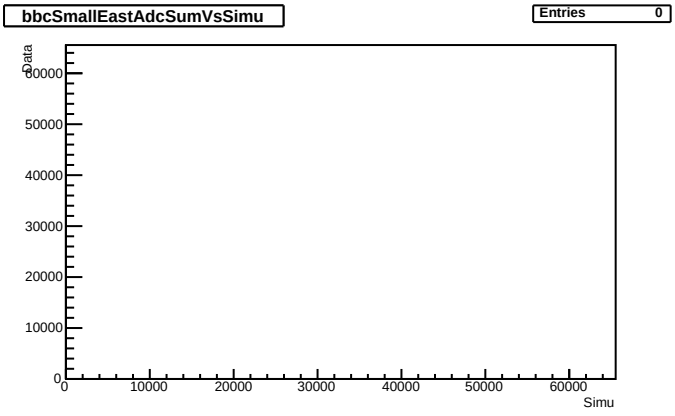

EQ3 QTB
Entries 1.315251e+07
ADC
QT Input Channel

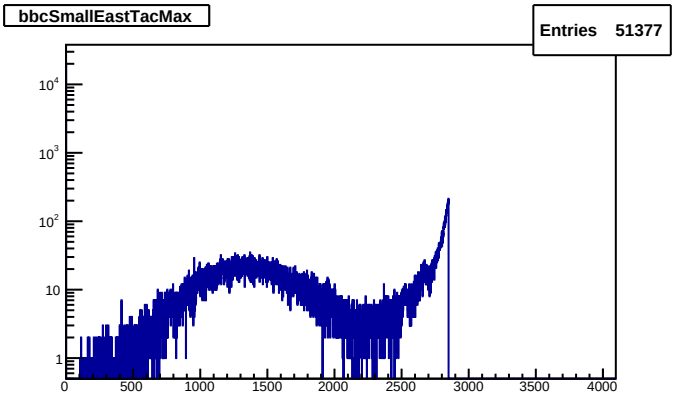

EQ3 QTB
Entries 3410833
TDC
QT Input Channel

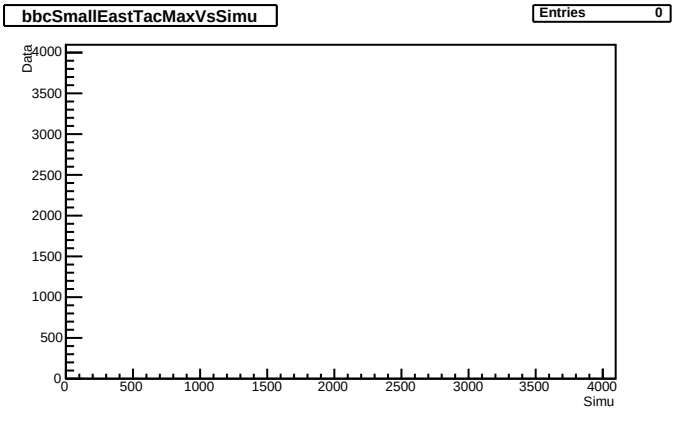

EQ3 QTC
Entries 4932192
ADC
QT Input Channel

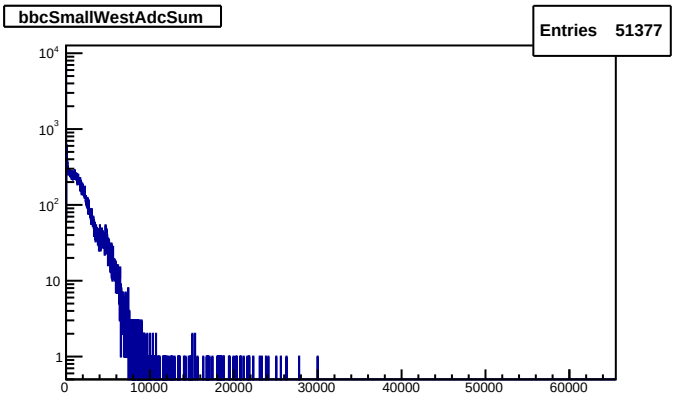

EQ3 QTC
Entries 4932192
TADC
QT Input Channel

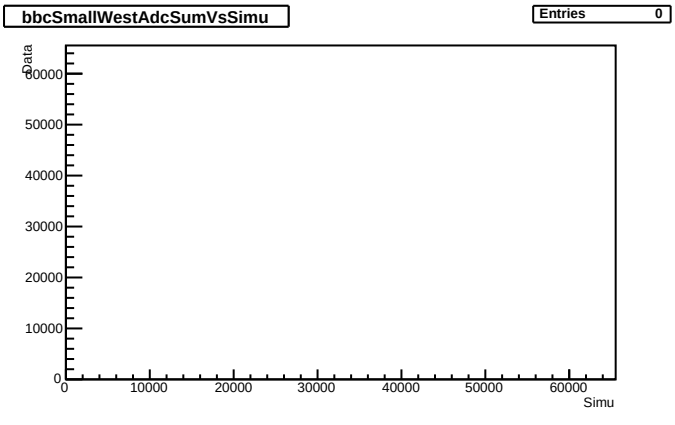

bbcSmallEastAdcSum
Entries 51377


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 51377


bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu


bbcSmallWestAdcSum
Entries 51377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Entries 0
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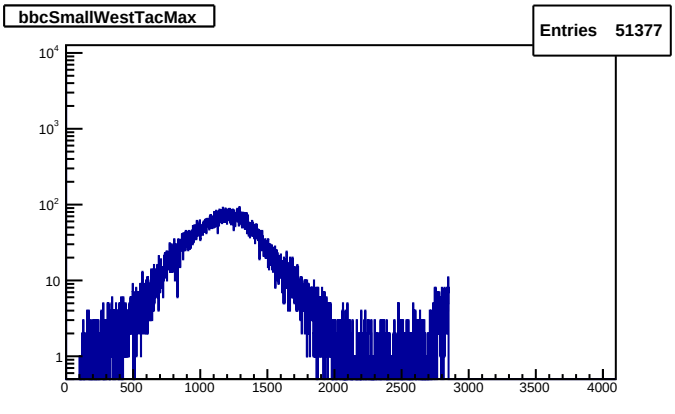
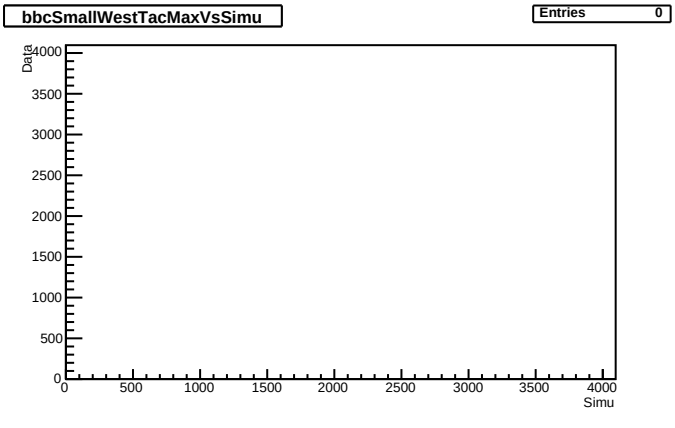
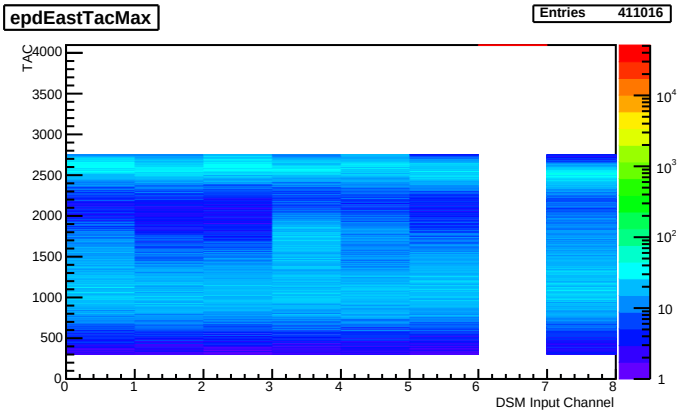
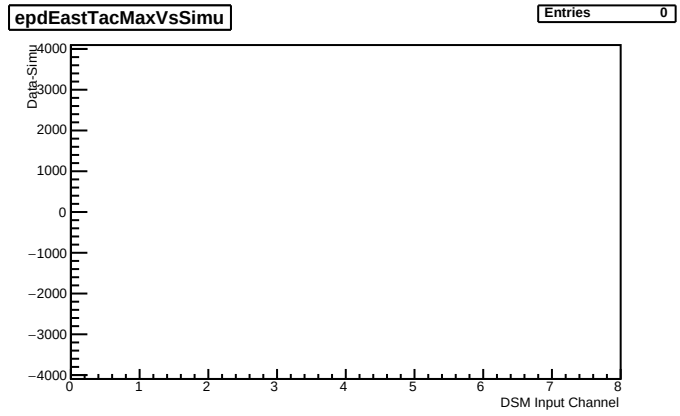
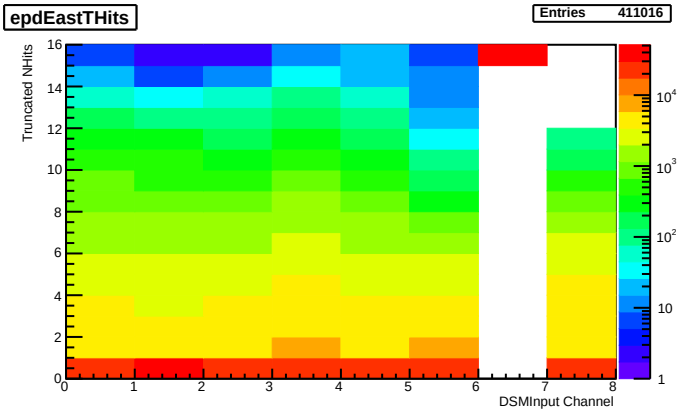
Simu

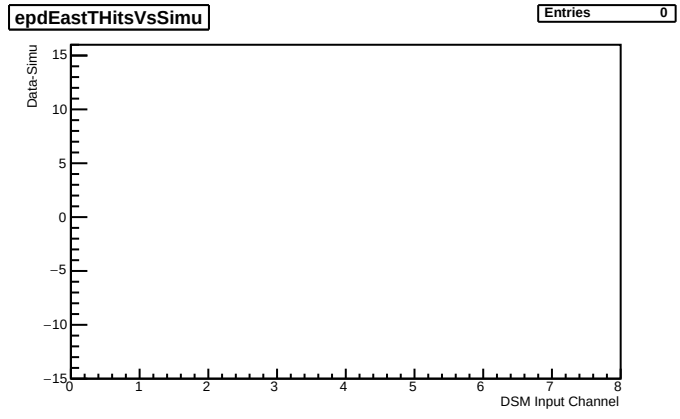

bbcSmallWestTacMax
Entries 51377


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 411016
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 411016
Truncated NHits
DSMInput Channel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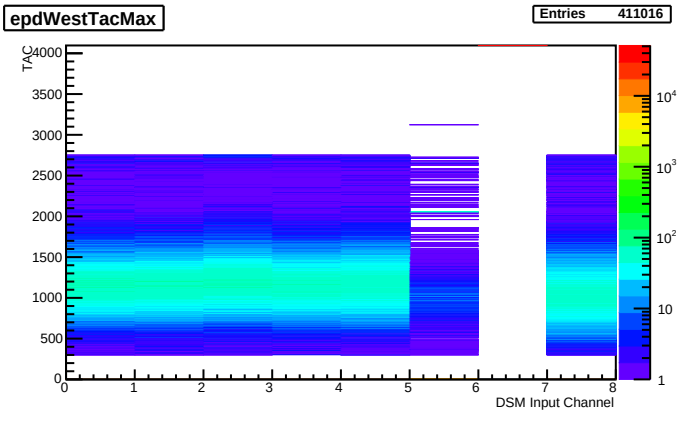
DSM Input Channel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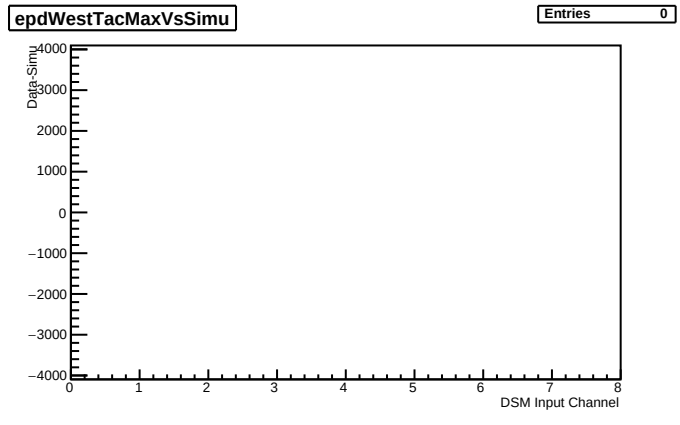
DSM Input Channel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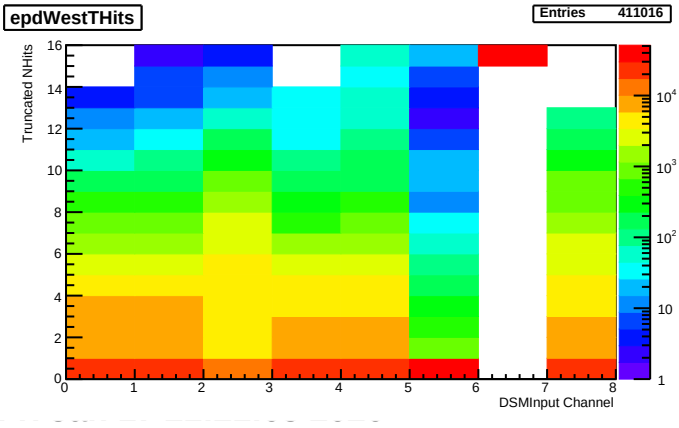
Entries 0
Data-Simu
DSM Input Channel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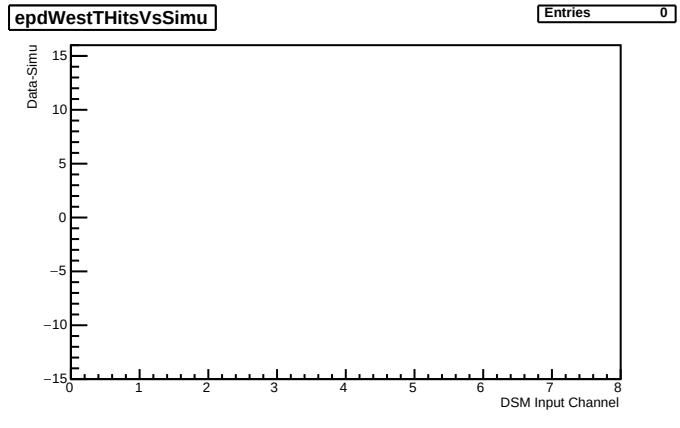
Entries 411016
Truncated NHits
DSMInput Channel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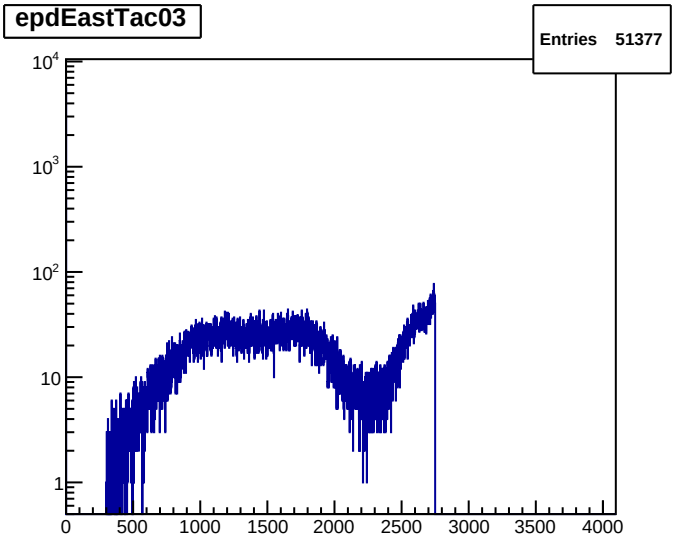
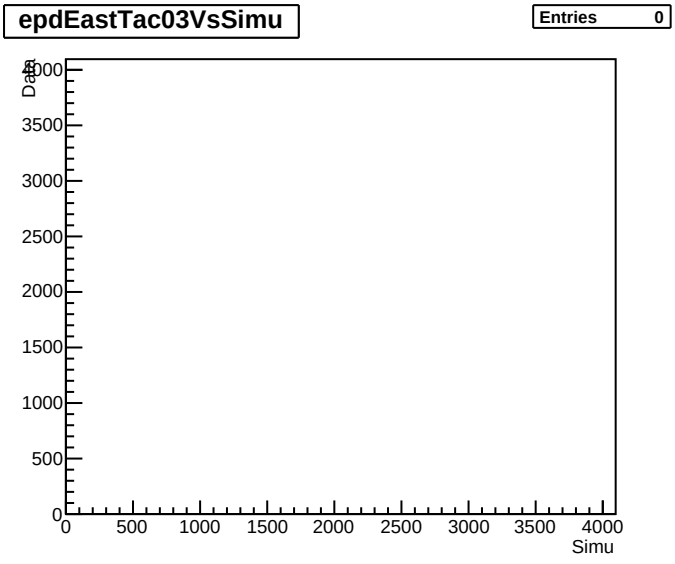
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 51377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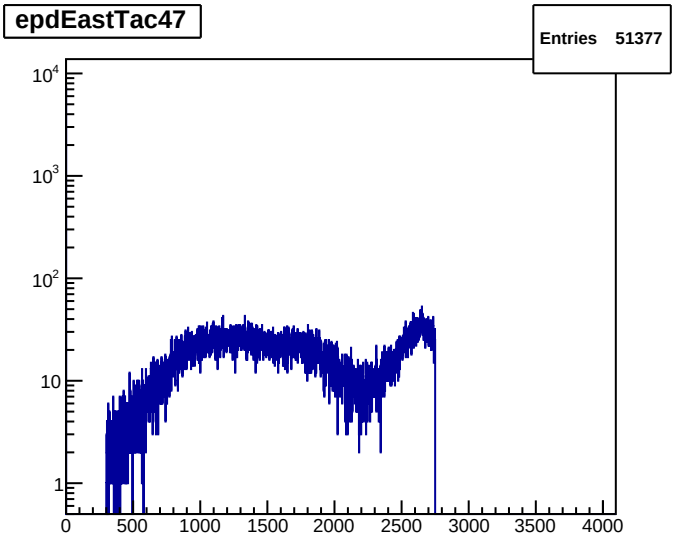
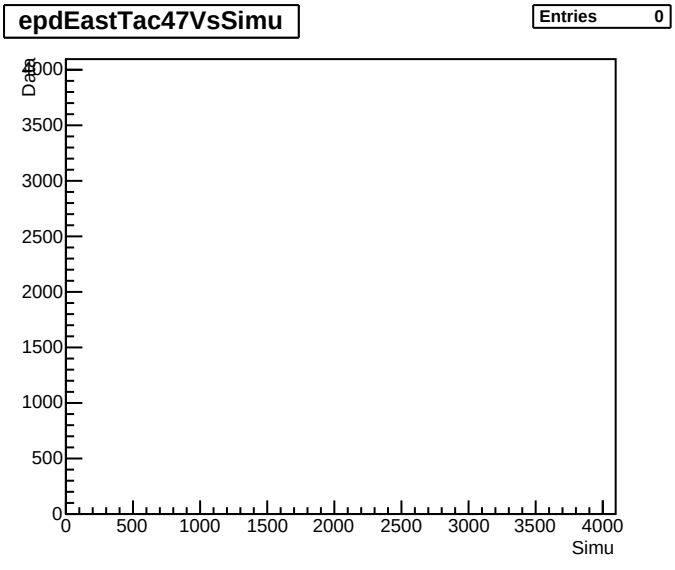
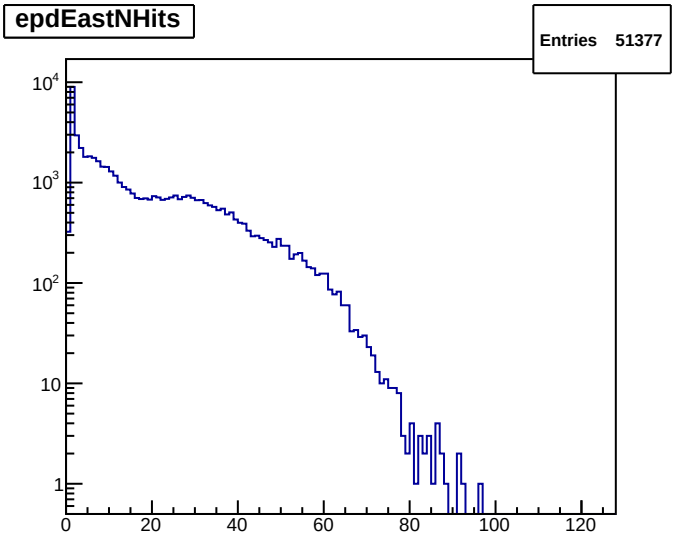
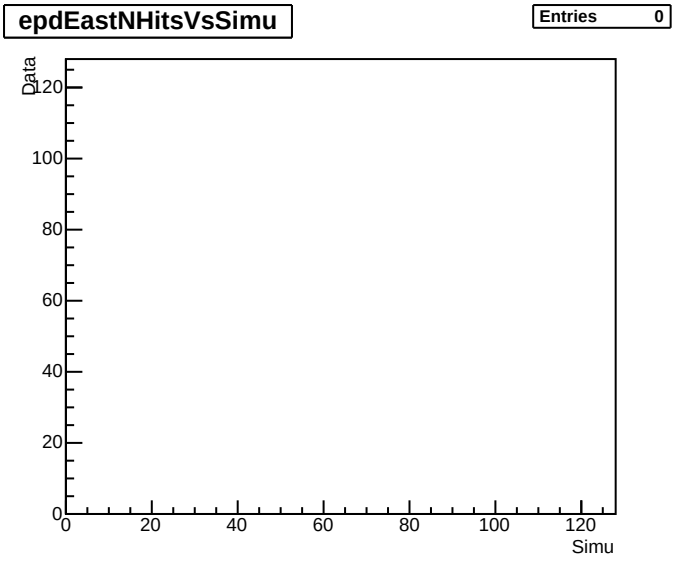
Entries 0
Data
Simu


epdEastTac47
Entries 51377


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 51377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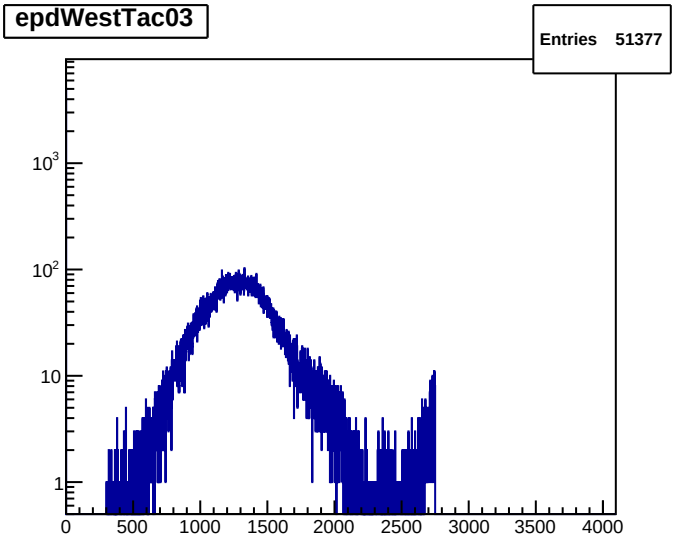
Entries 0
Data
Simu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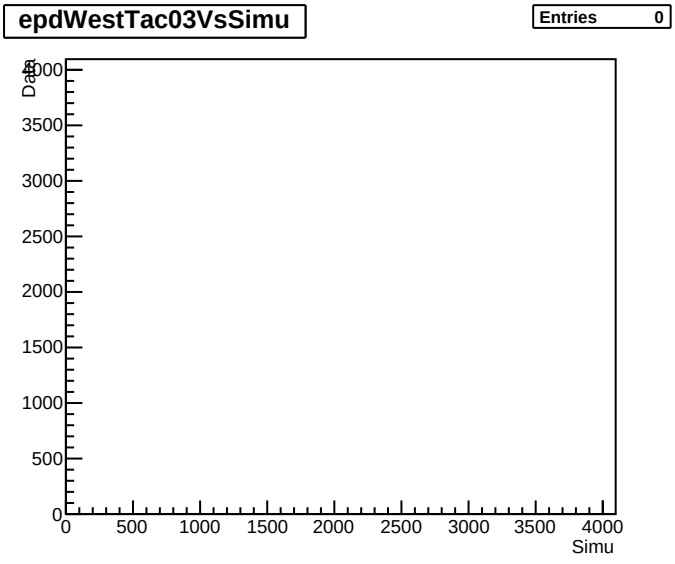
Entries 51377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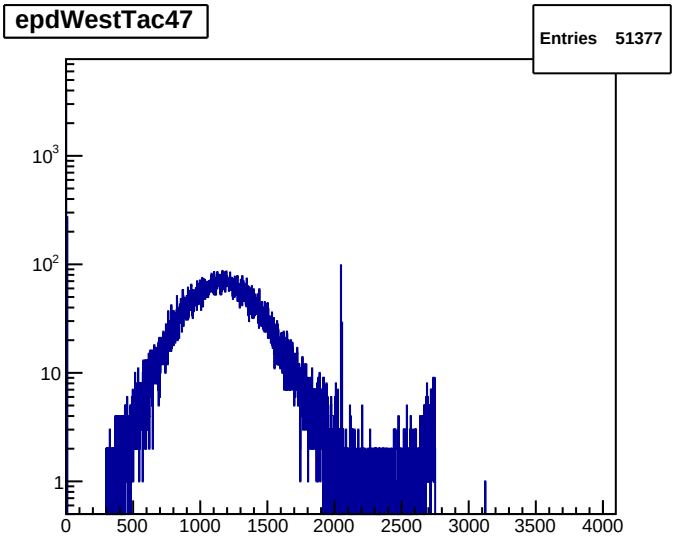
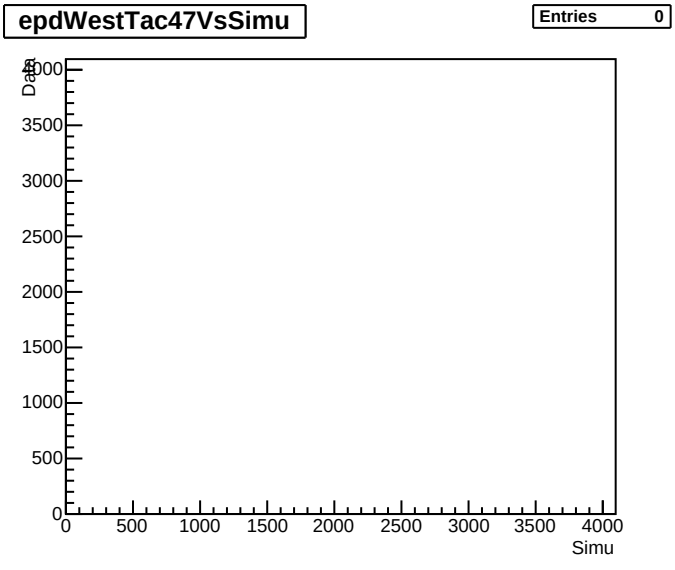
Simu


epdWestTac47
Entries 51377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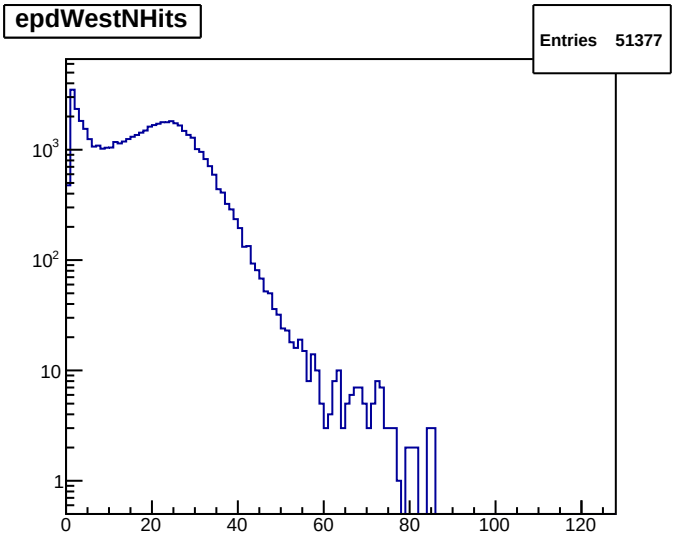
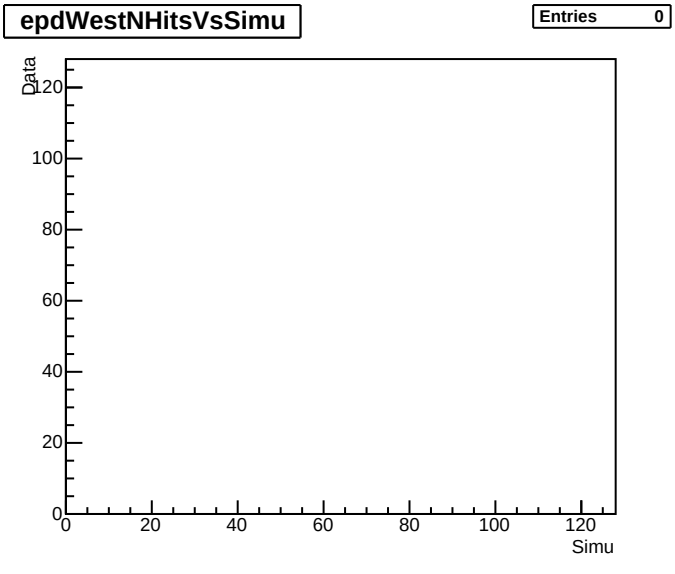
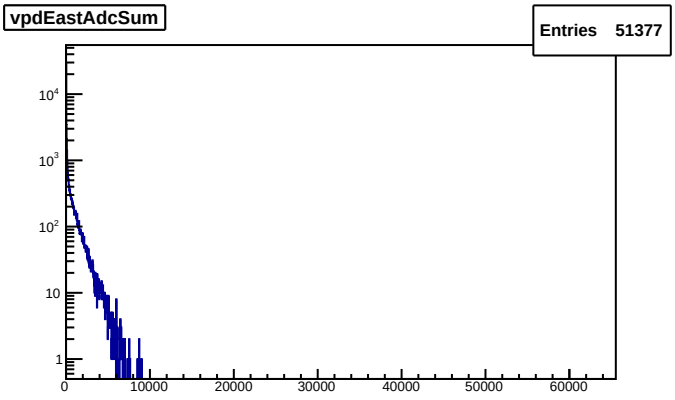
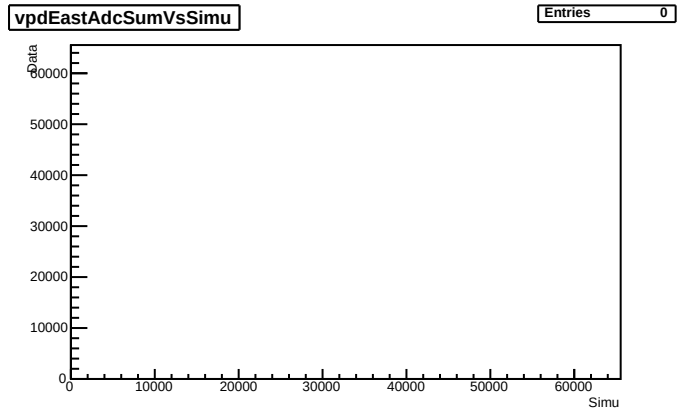
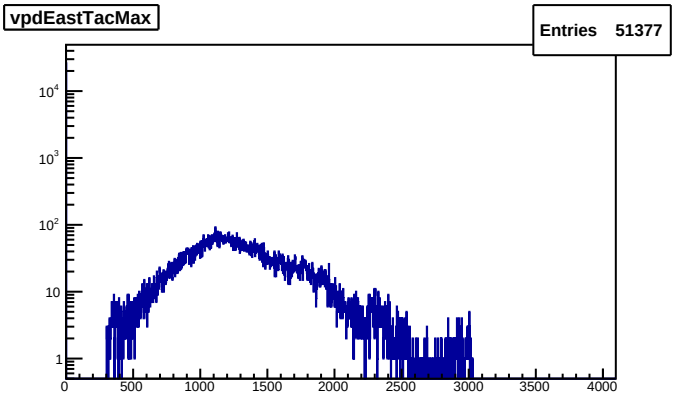
Entries 0
Data
Simu


epdWestNHits
Entries 51377


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 51377


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
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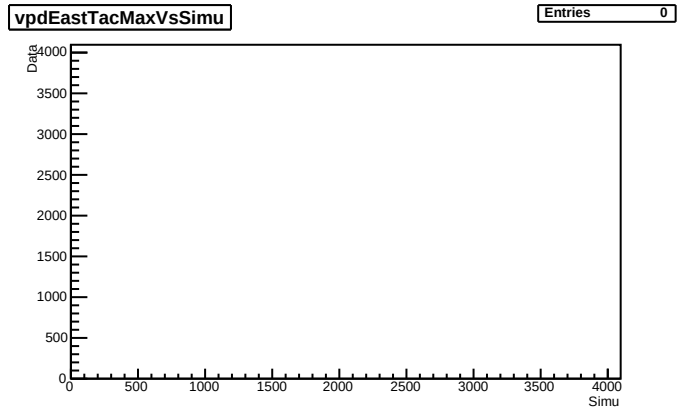
vpdEastTacMaxVsSimu
Entries 0
Data
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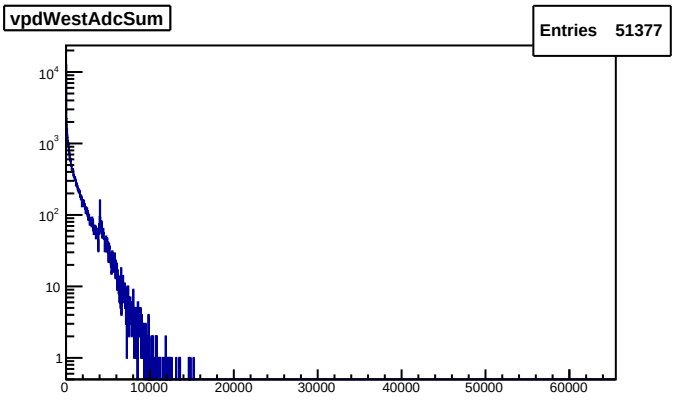
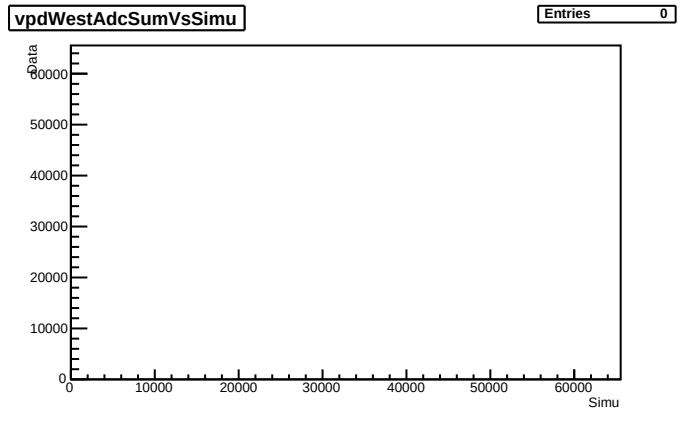

vpdWestAdcSum
Entries 51377


vpdWestAdcSumVsSimu
Entries 0
Data
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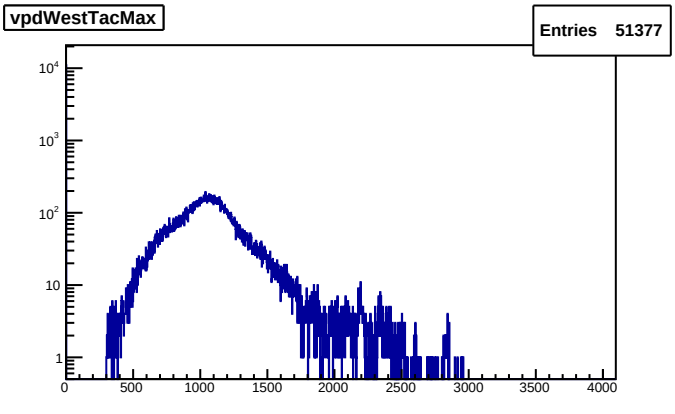
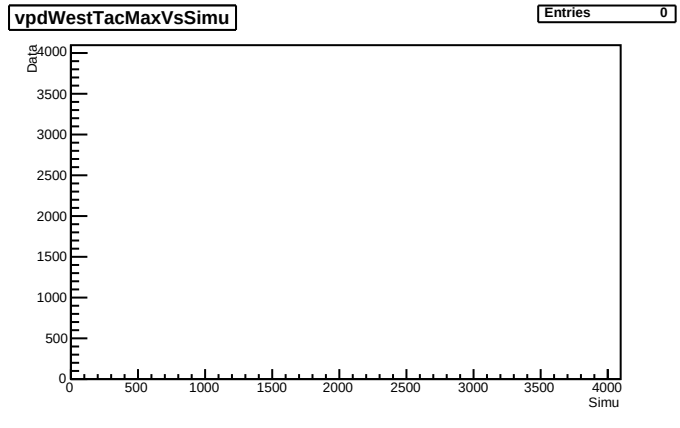
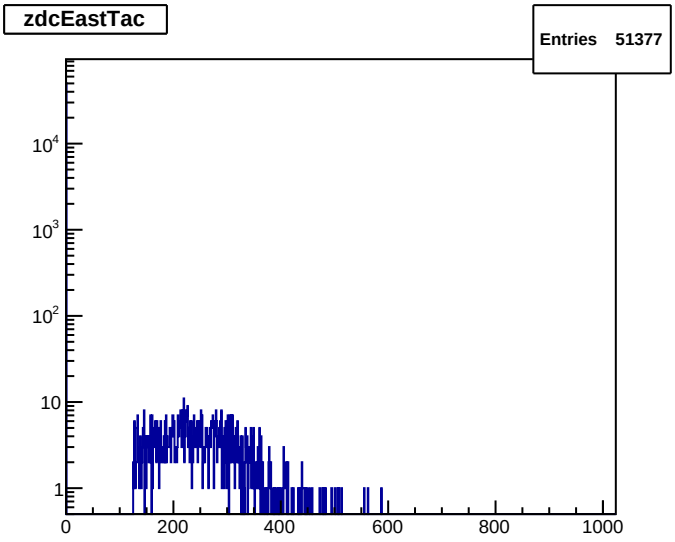
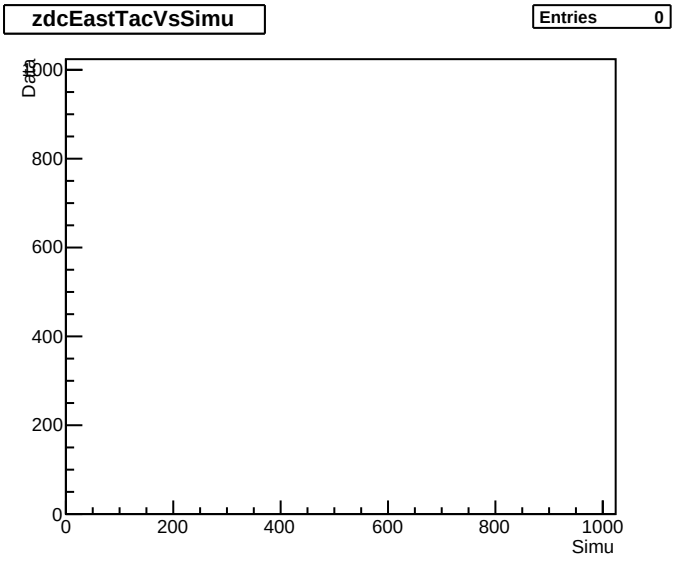
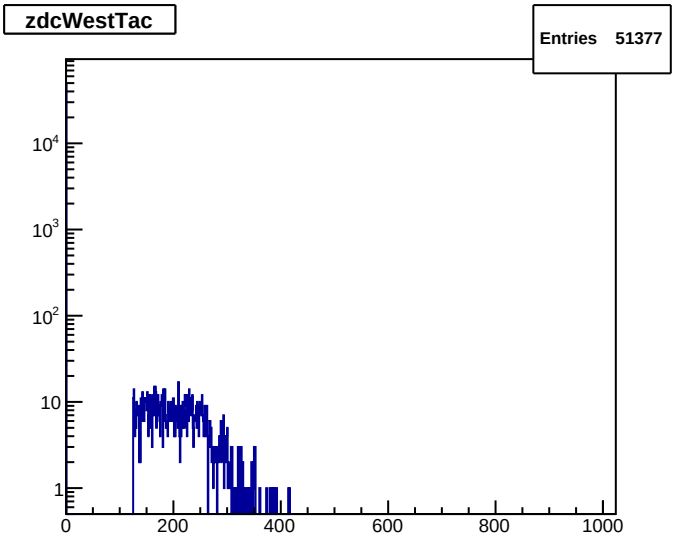
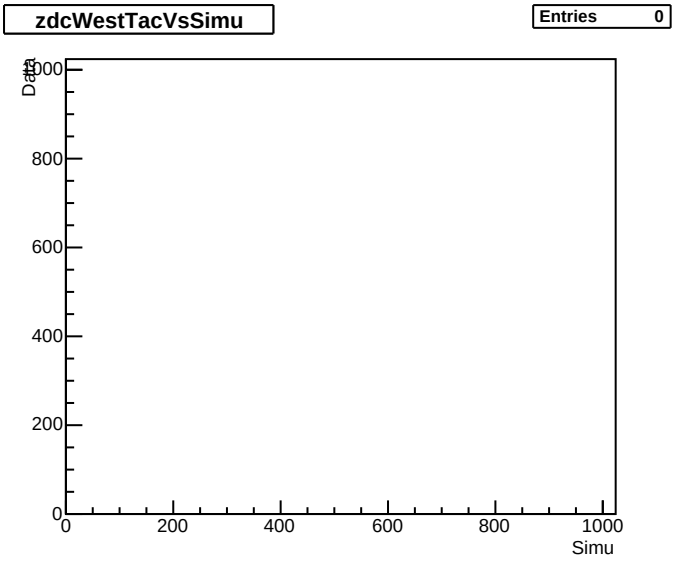

vpdWestTacMax
Entries 51377

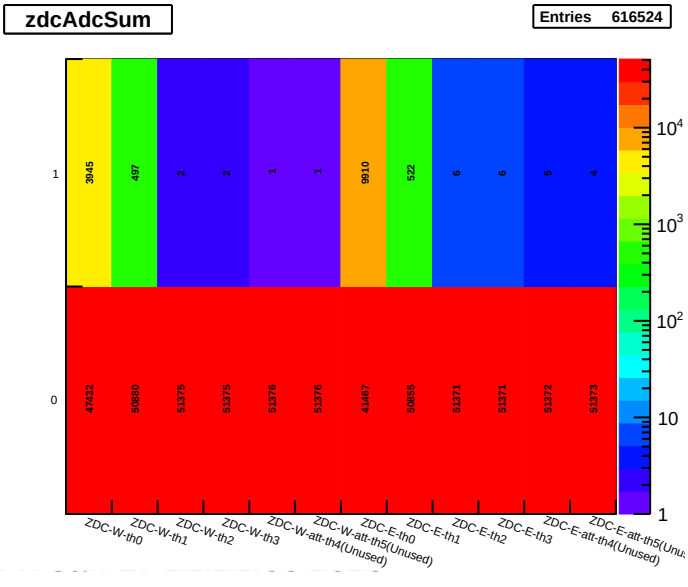

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

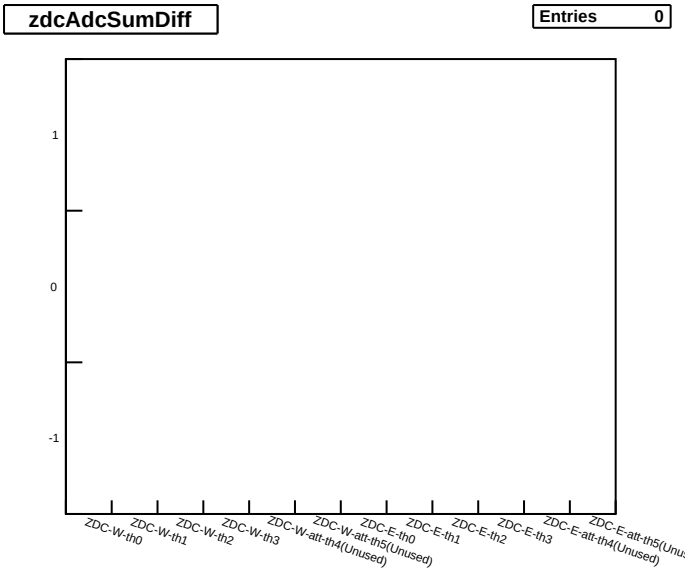

zdcEastTac
Entries 51377
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

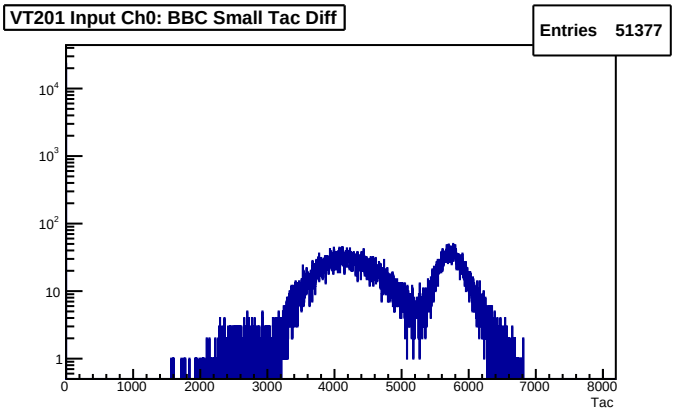

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

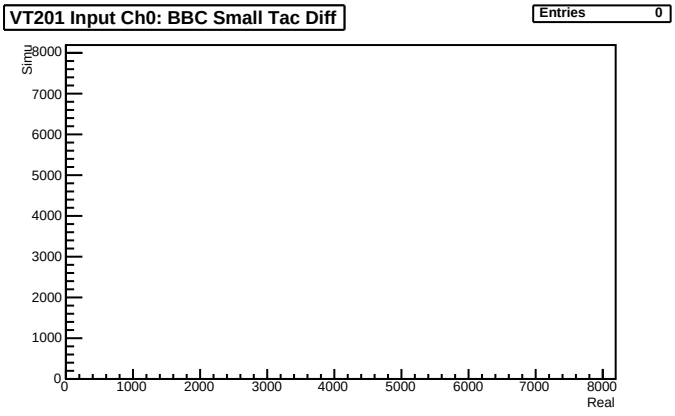

zdcWestTac
Entries 51377
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

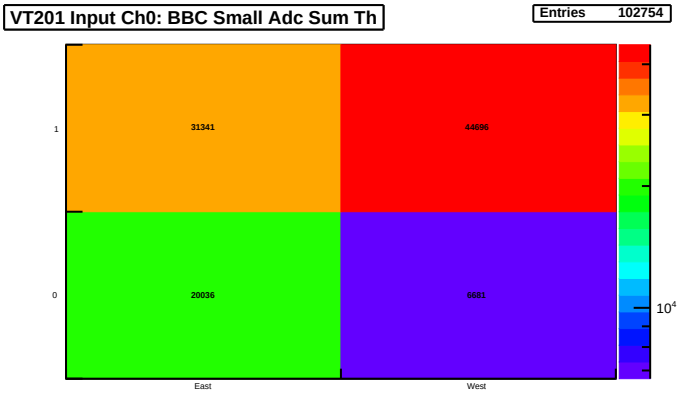

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

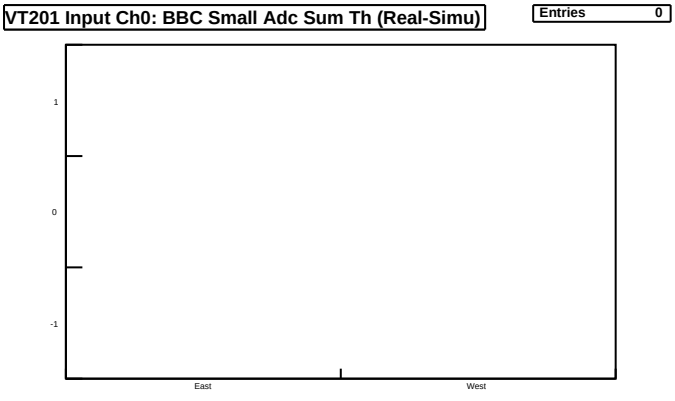

zdcAdcSum
Entries 616524
1
0
3945
497
2
2
1
1
9910
522
6
6
5
4
47632
50880
51375
51375
51376
51376
41467
50855
51371
51371
51372
51373
10^4
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

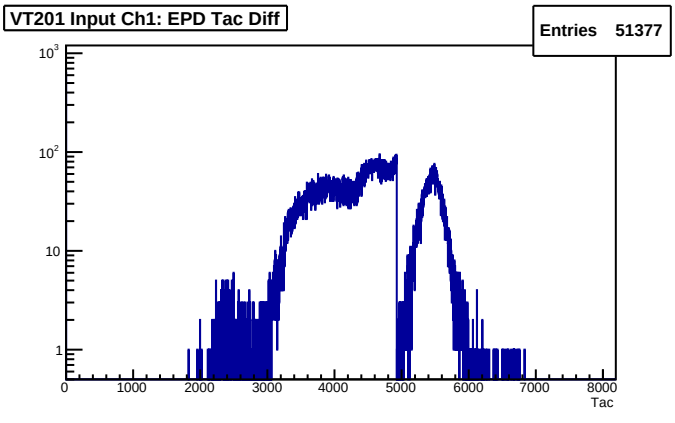

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

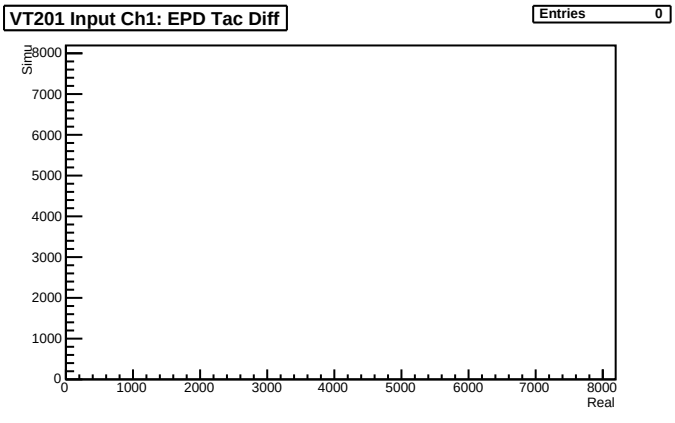

VT201 Input Ch0: BBC Small Tac Diff
Entries 51377
Tac

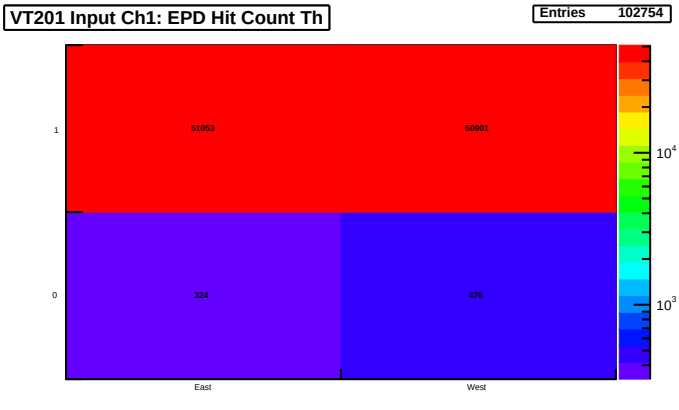

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

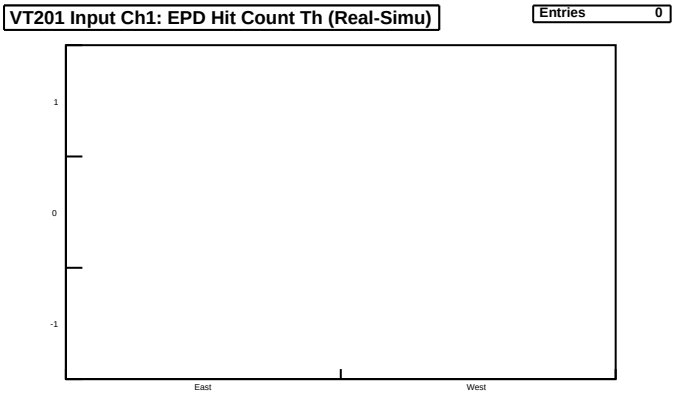

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 102754
31341
44696
20036
6681
East
West

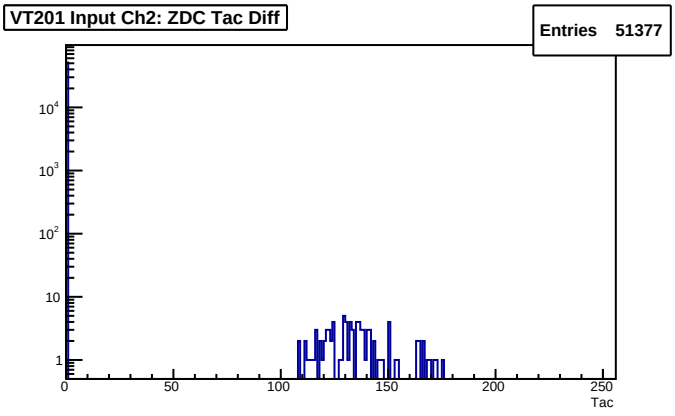

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

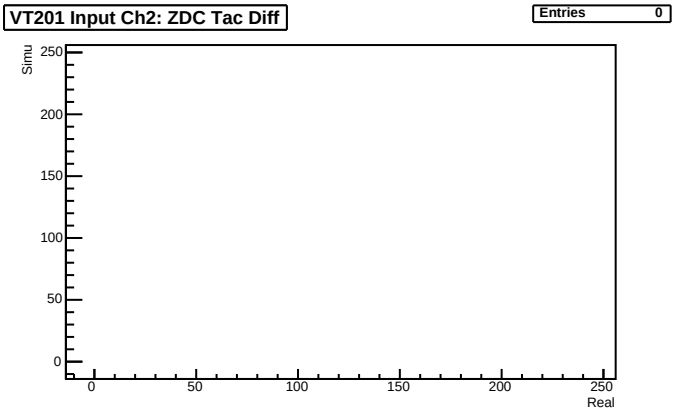

VT201 Input Ch1: EPD Tac Diff
Entries 51377
Tac

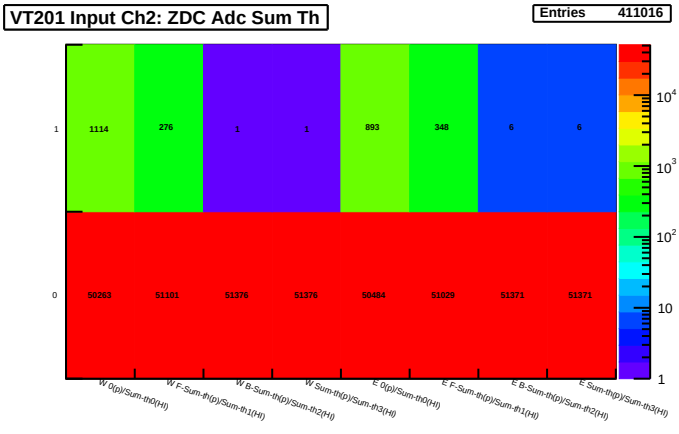

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

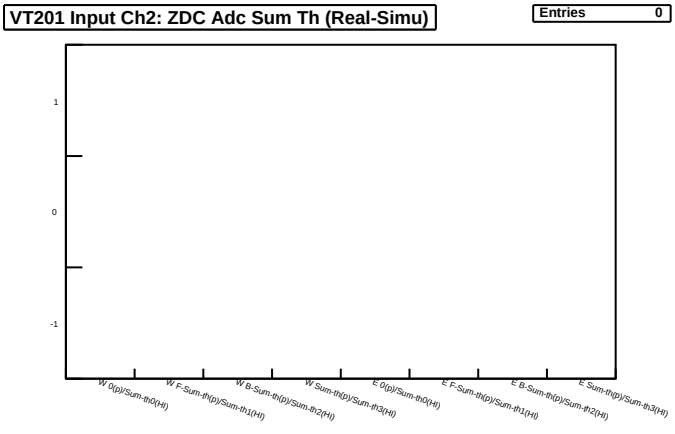

VT201 Input Ch1: EPD Hit Count Th
Entries 102754
51053
50901
324
476
East
West

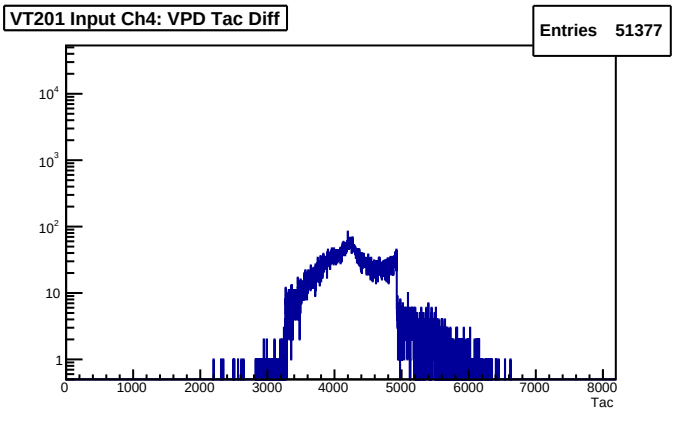

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

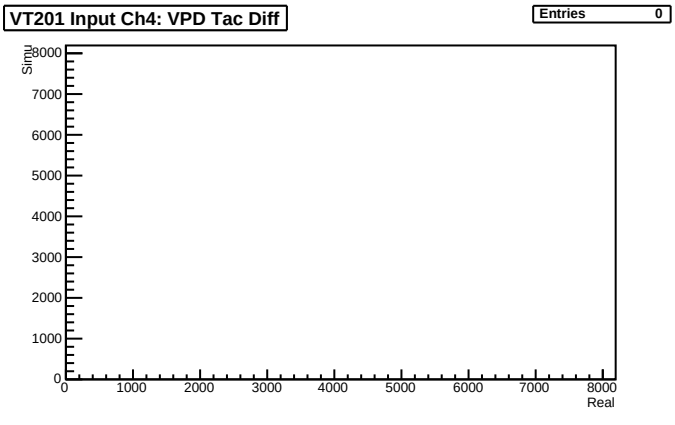

VT201 Input Ch2: ZDC Tac Diff
Entries 51377
Tac

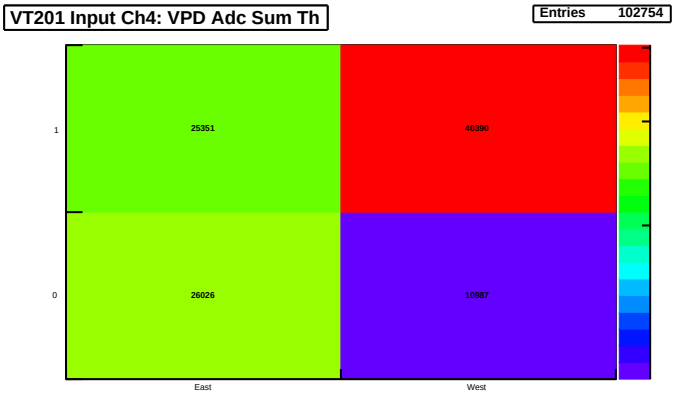

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

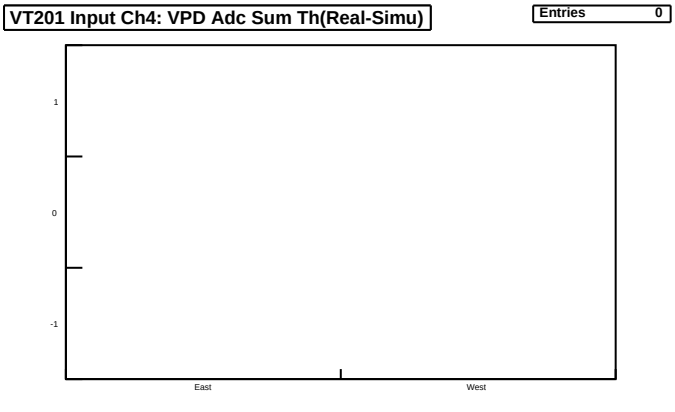

VT201 Input Ch2: ZDC Adc Sum Th
Entries 411016
1114
276
1
1
893
348
6
6
50263
51101
51376
51376
50484
51029
51371
51371
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

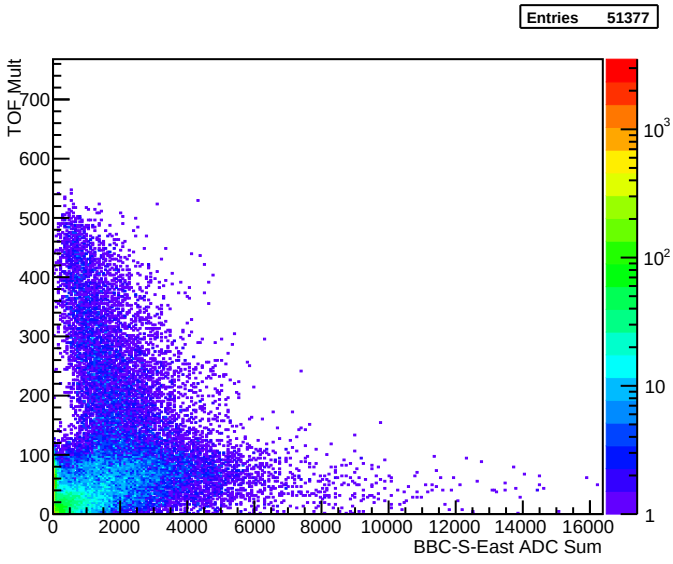

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

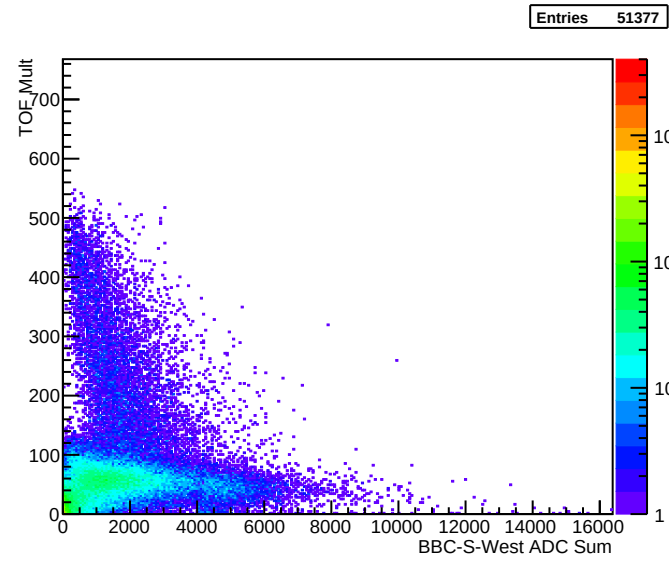

VT201 Input Ch4: VPD Tac Diff
Entries 51377
Tac

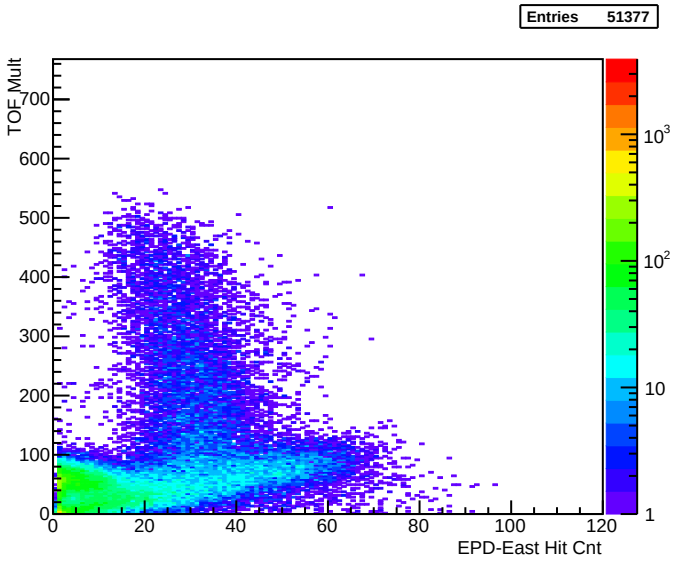

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

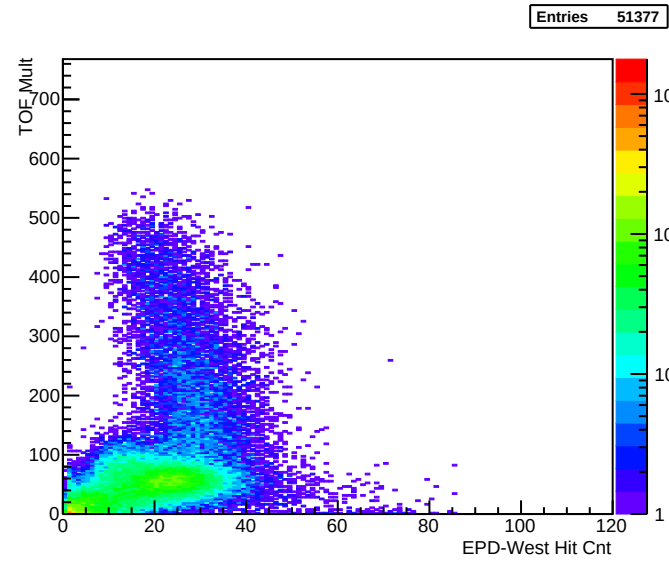

VT201 Input Ch4: VPD Adc Sum Th
Entries 102754
25351
40390
26026
10987
East
West

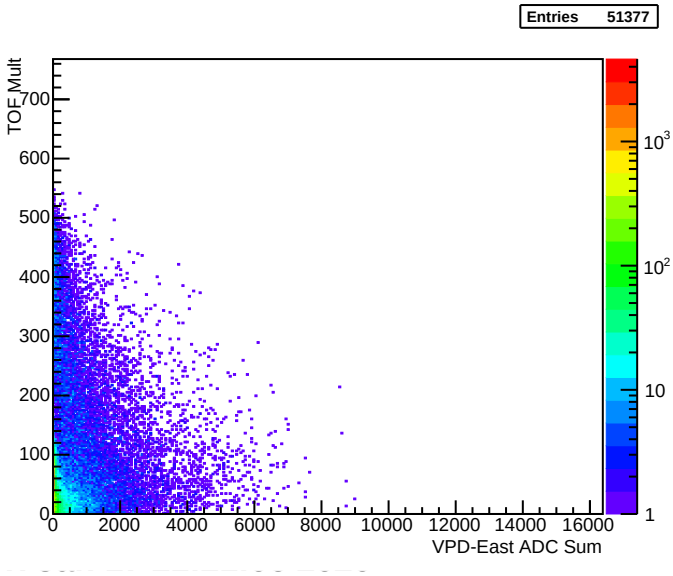

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

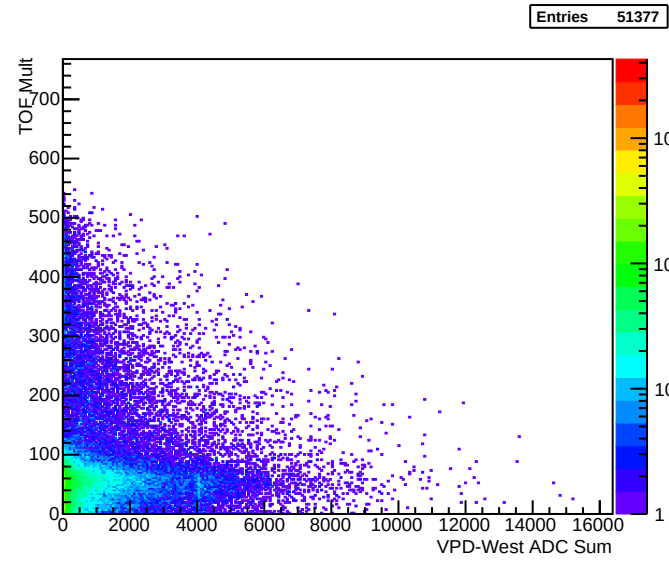

Entries 51377
TOF_Mult
BBC-S-East ADC Sum

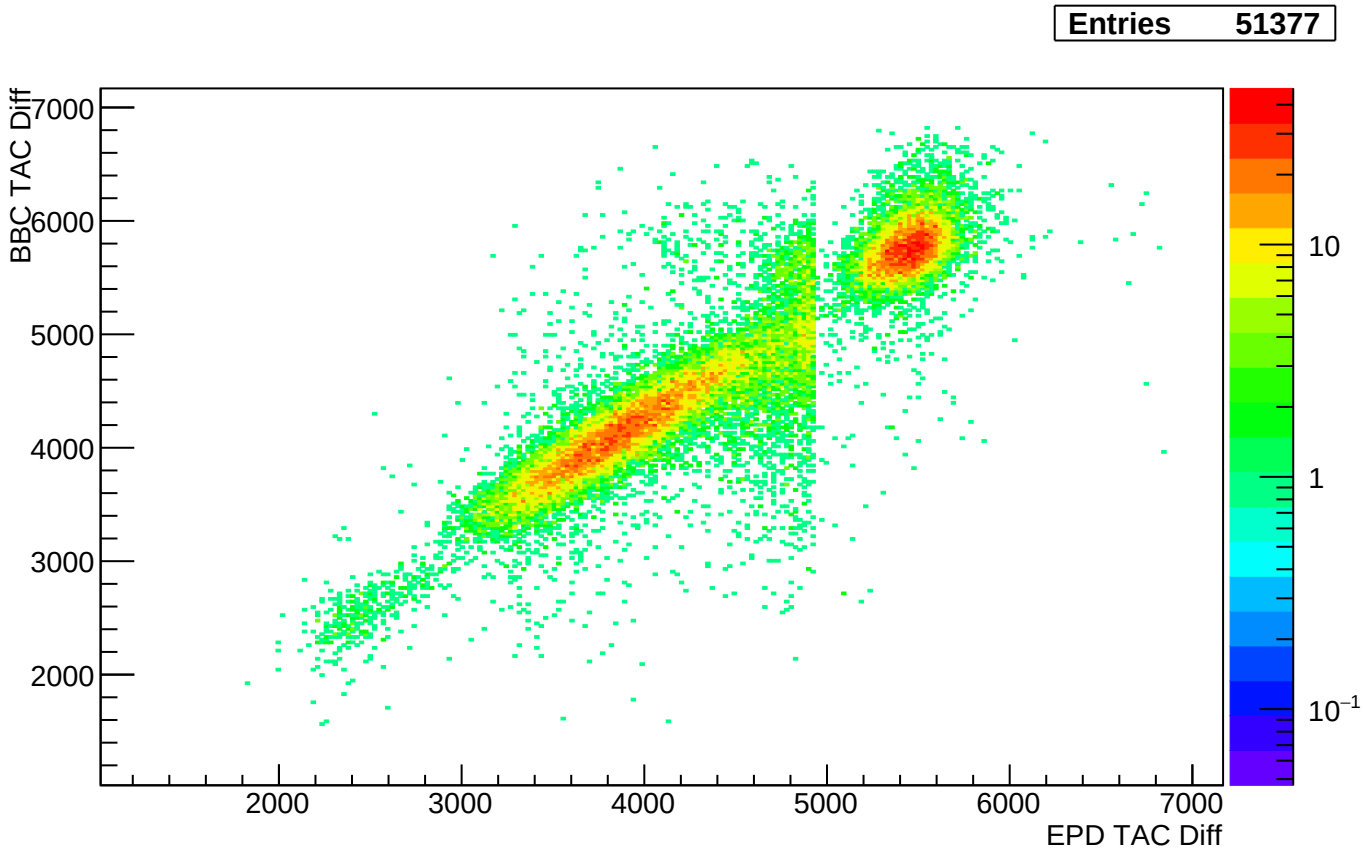

Entries 51377
TOF_Mult
BBC-S-West ADC Sum

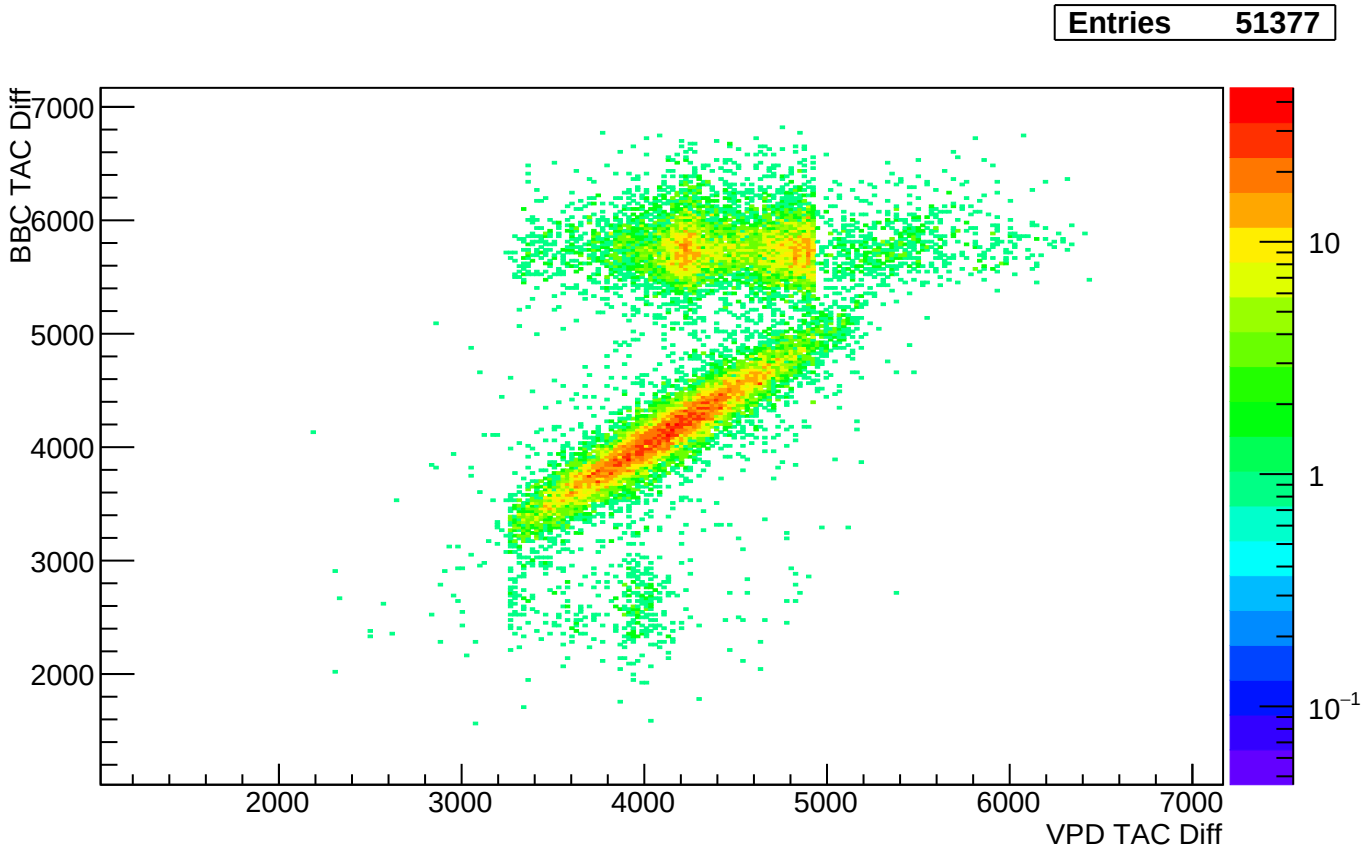

Entries 51377
TOF_Mult
EPD-East Hit Cnt

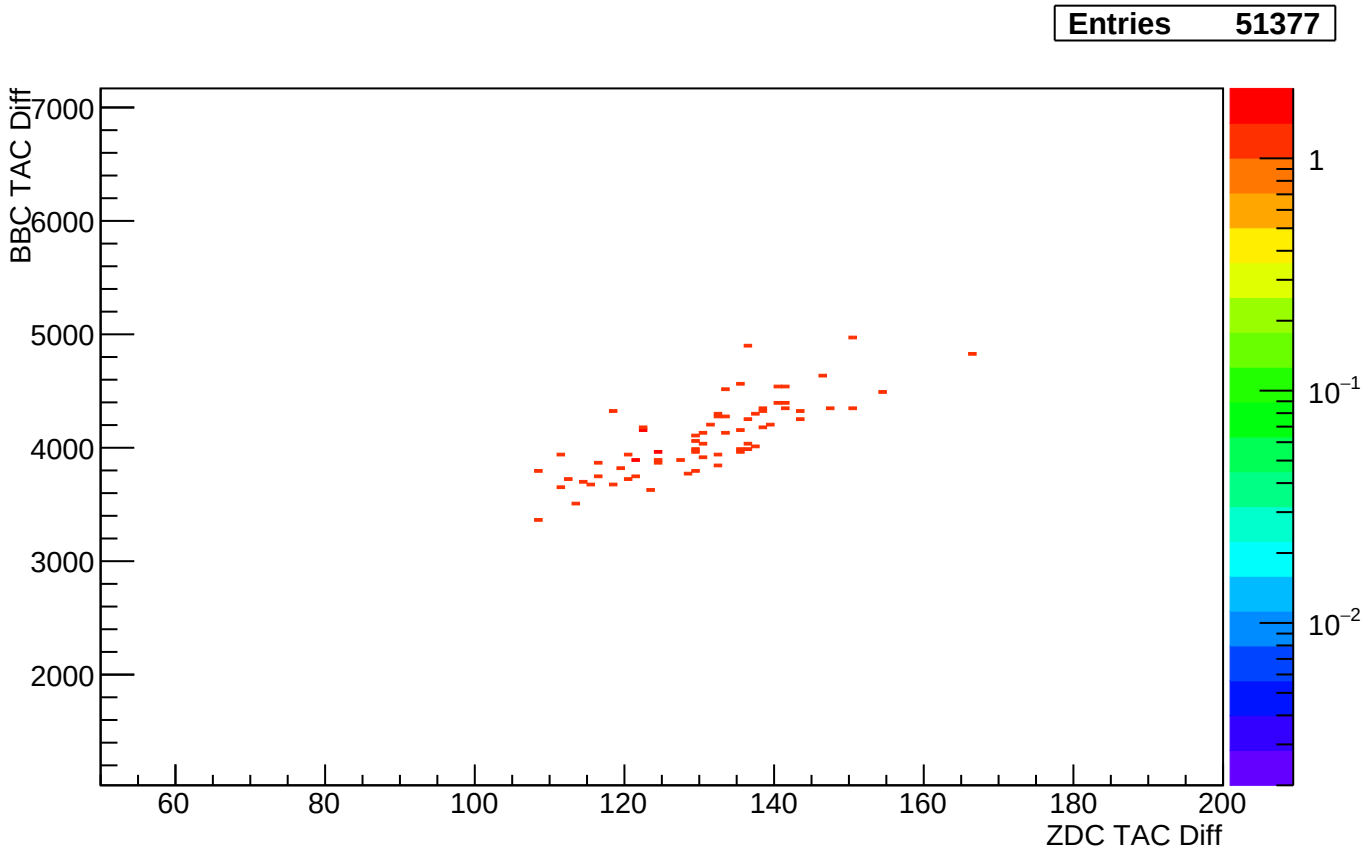

Entries 51377
TOF_Mult
EPD-West Hit Cnt

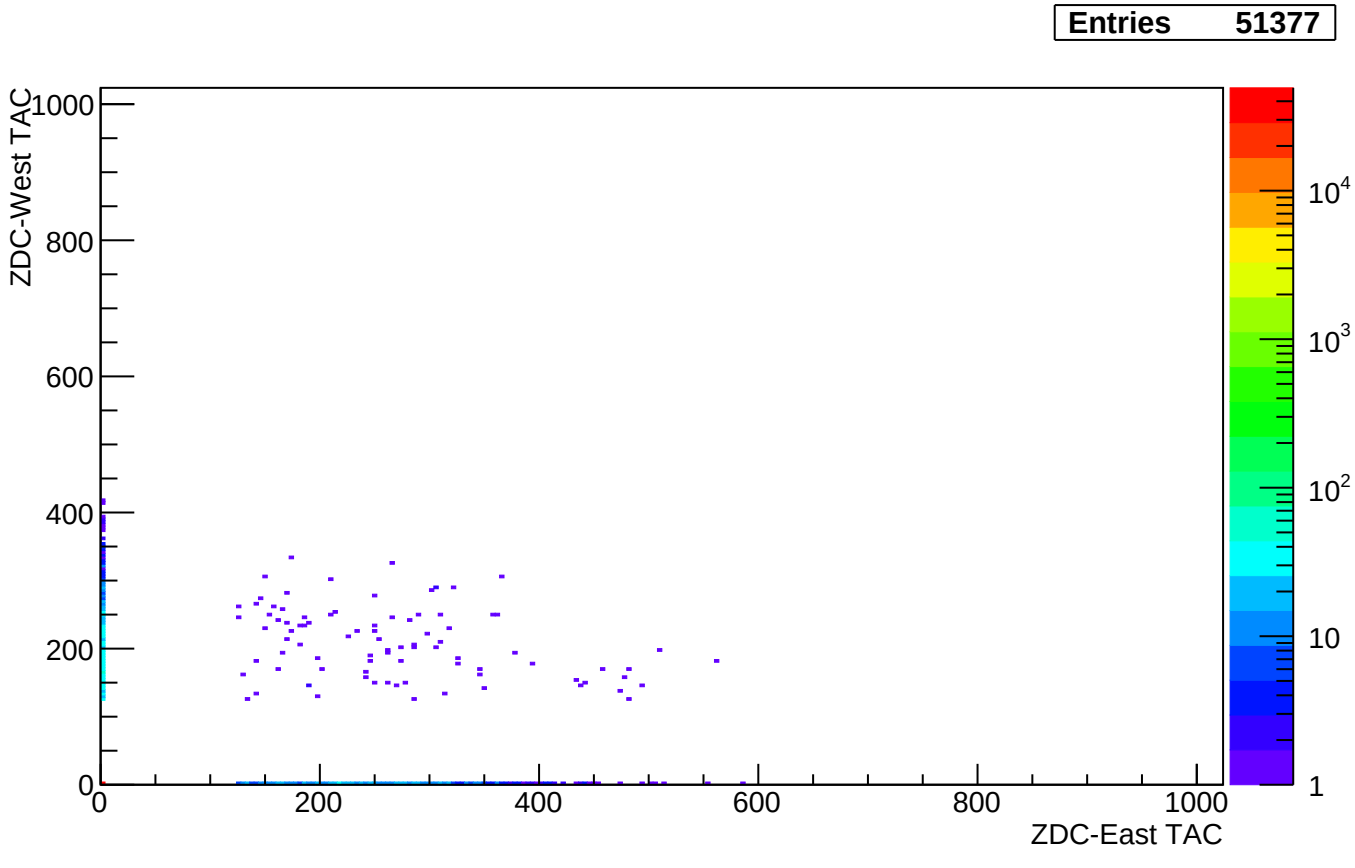

Entries 51377
TOF_Mult
VPD-East ADC Sum

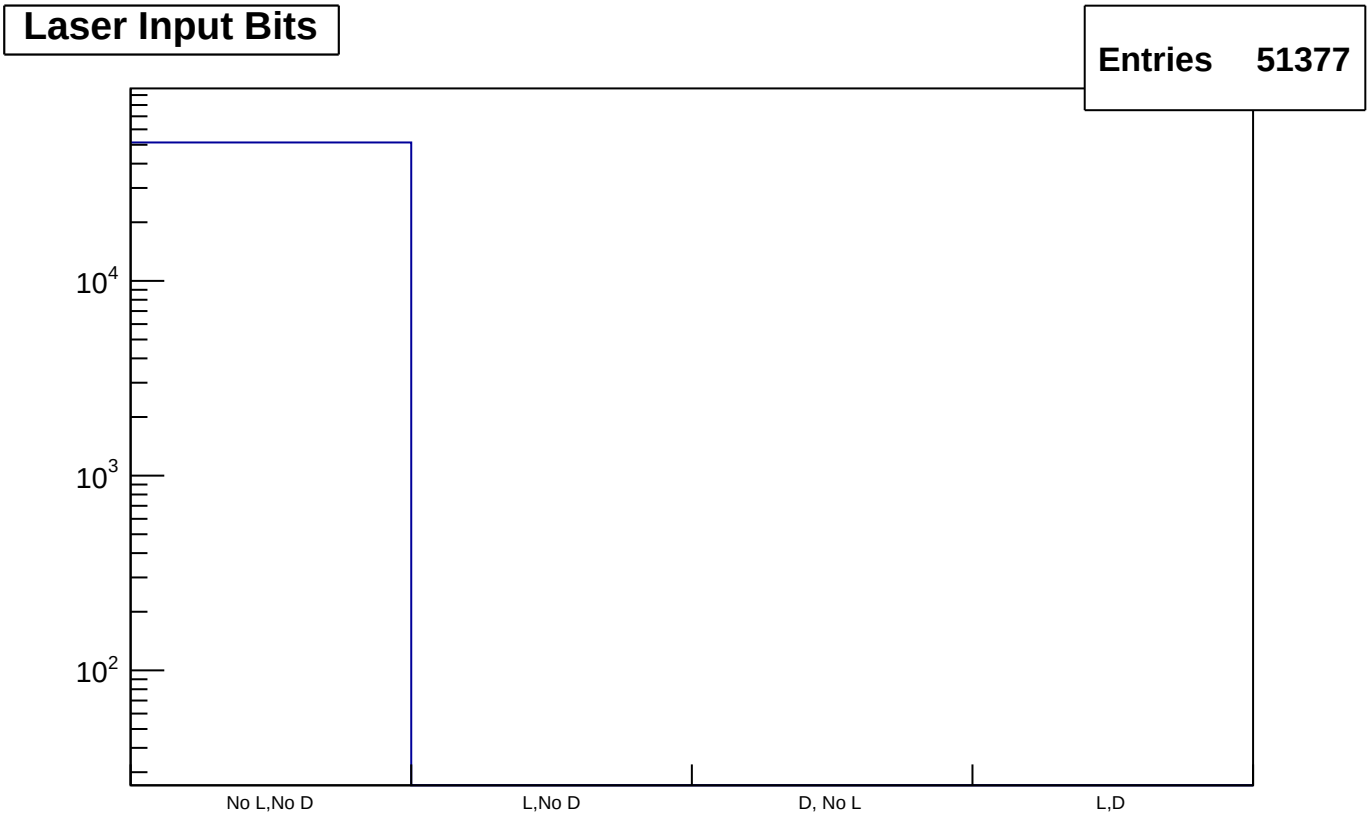

Entries 51377
TOF_Mult
VPD-West ADC Sum

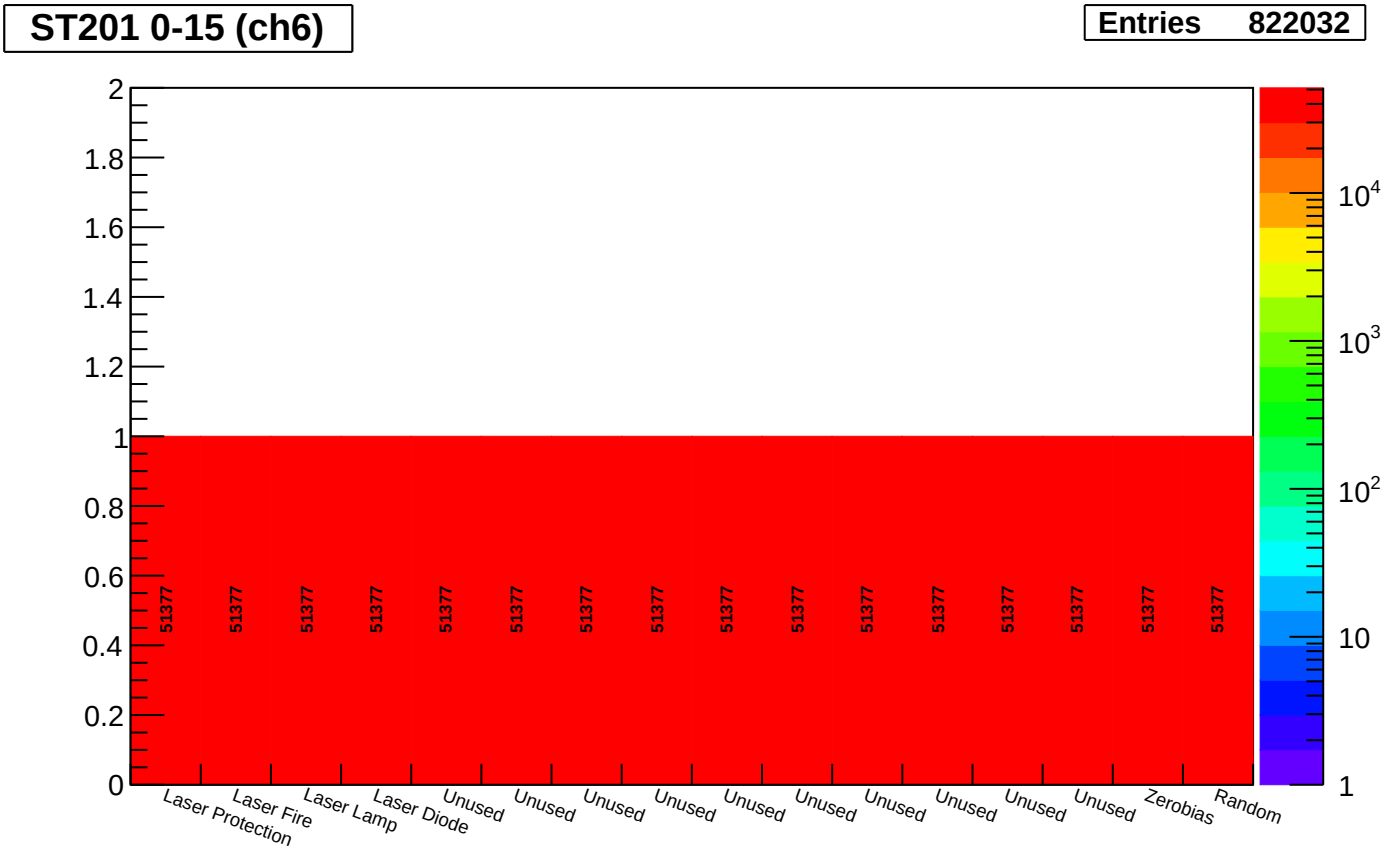

Entries 51377
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10
1
10^{-1}

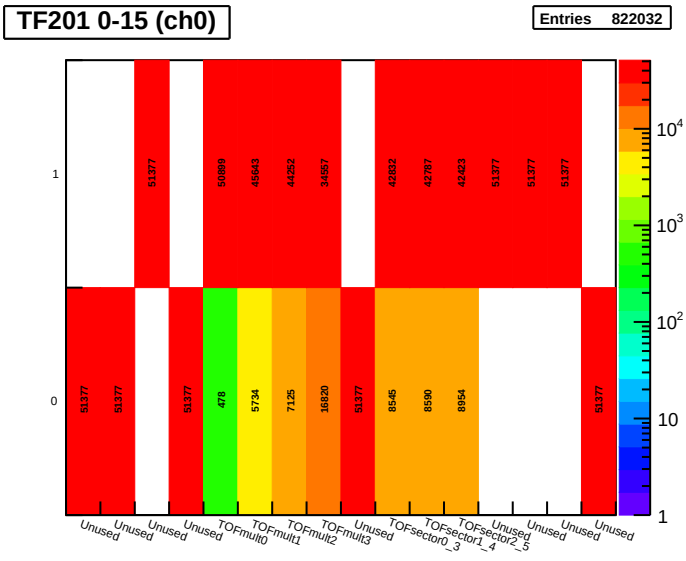

Entries 51377
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}

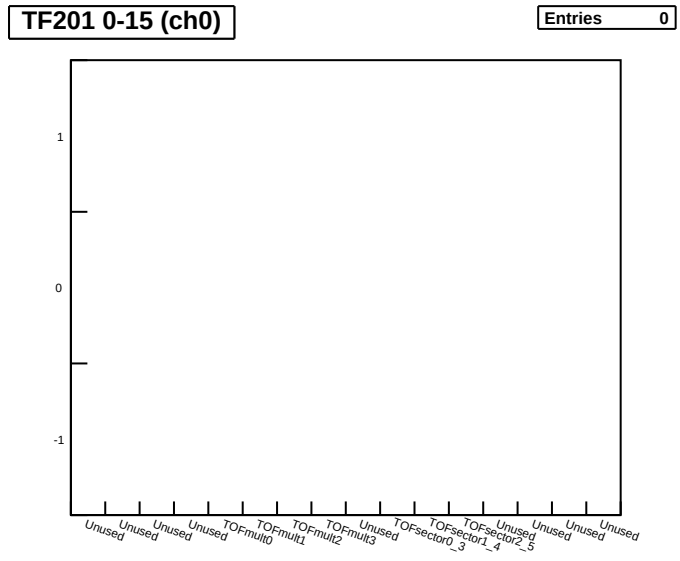

Entries 51377
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

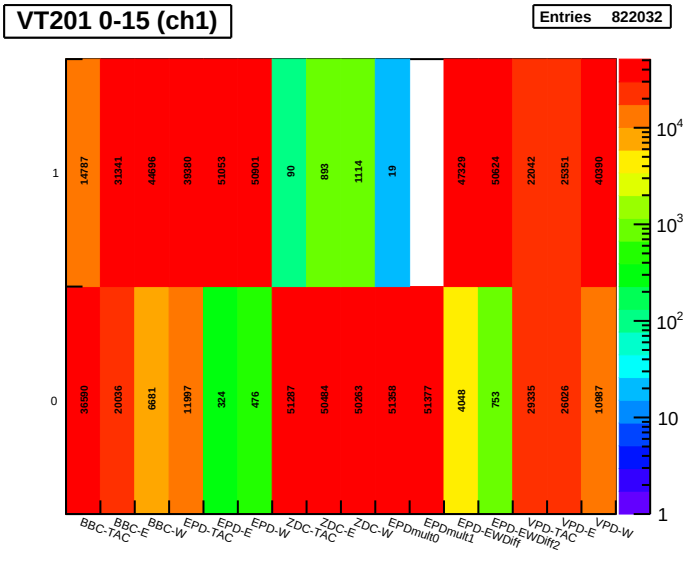

Entries 51377
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

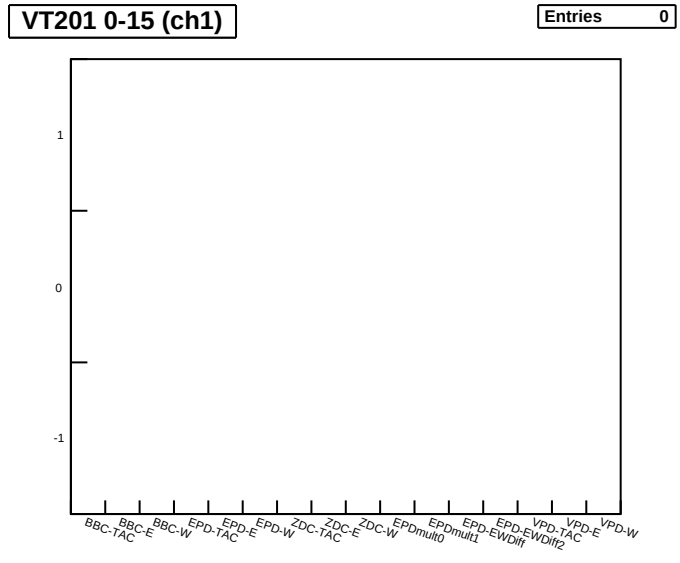

Laser Input Bits
Entries 51377
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

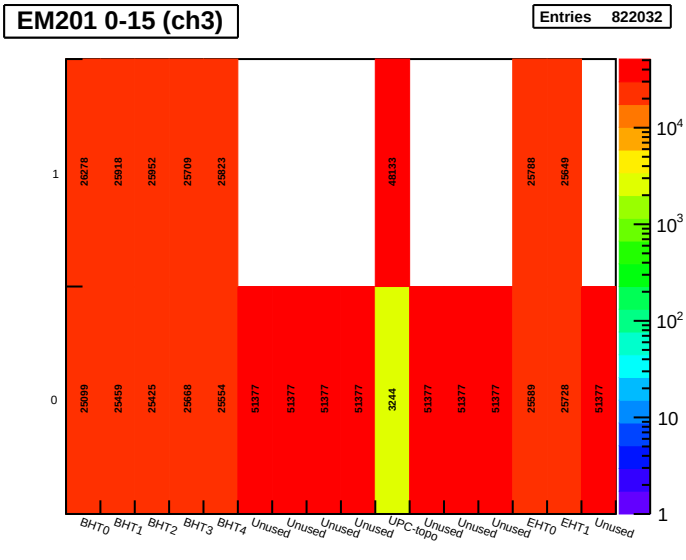

ST201 0-15 (ch6)
Entries 822032
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
51377
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^4
10^3
10^2
10
1

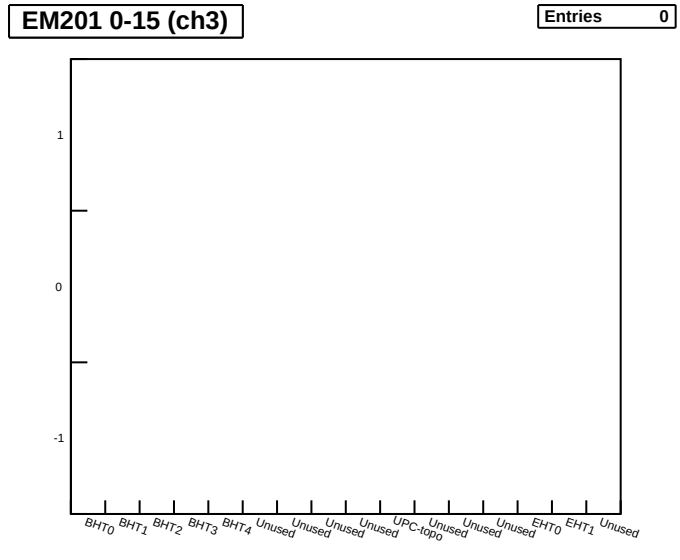

TF201 0-15 (ch0)
Entries 822032
1
0
51377
50899
45643
44252
34557
42832
42787
42423
51377
51377
51377
51377
51377
51377
478
5734
7125
16820
51377
8545
8590
8954
51377
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
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


VT201 0-15 (ch1)
Entries 822032
1
0
14787
31341
44696
39380
51053
50901
90
893
1114
19
47329
50624
22042
25351
40390
36590
20036
6681
11997
324
476
51287
50484
50263
51358
51377
4048
753
29335
26026
10987
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
10^4
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 822032
1
0
26278
25918
25952
25709
25823
48133
25788
25649
25099
25459
25425
25668
25554
51377
51377
51377
51377
3244
51377
51377
51377
25589
25728
51377
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
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