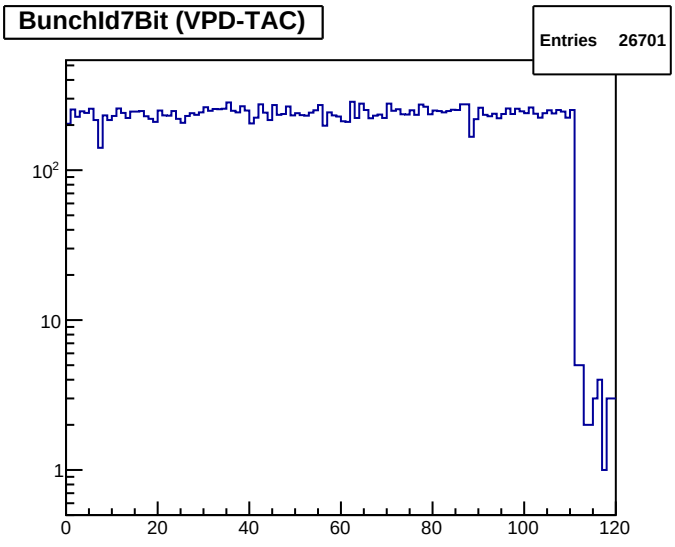
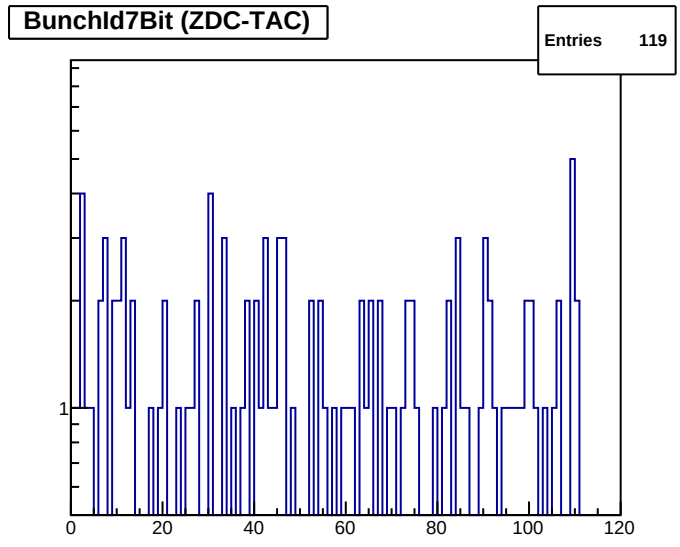
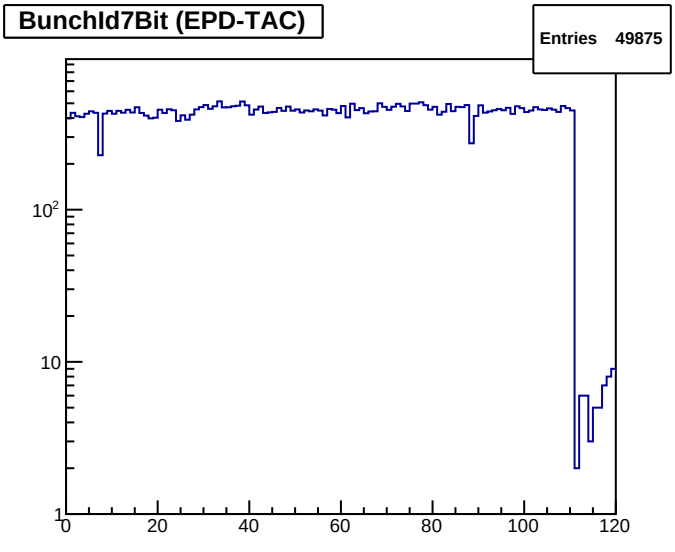
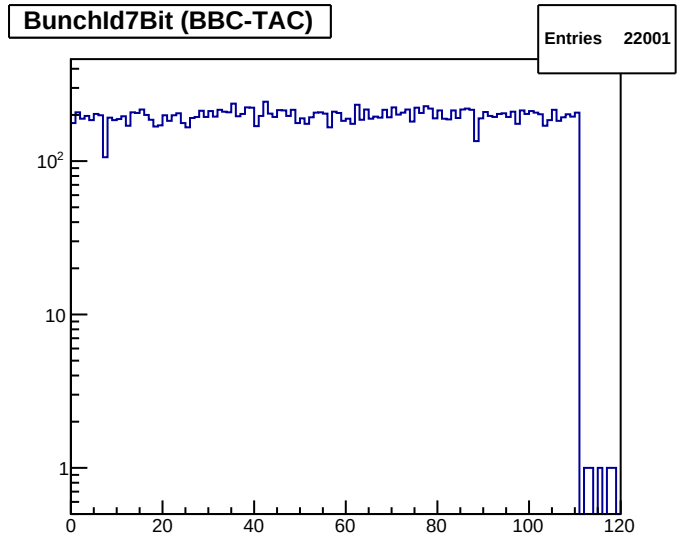
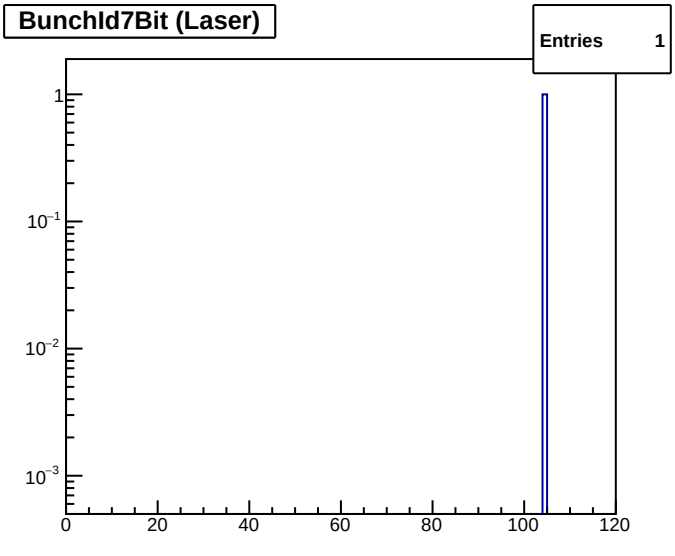
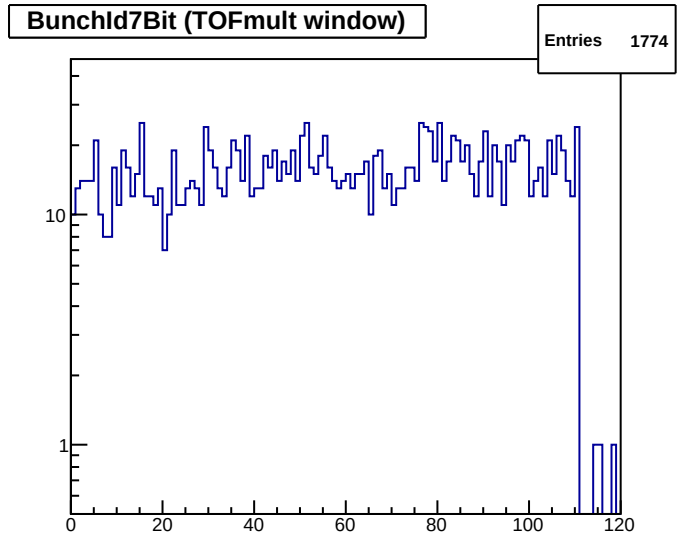

BunchId7Bit (VPD-TAC)
Entries 26701

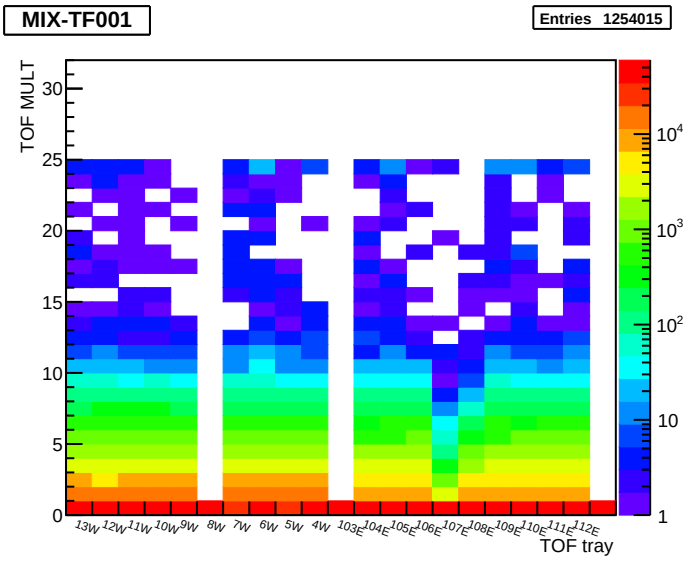

BunchId7Bit (ZDC-TAC)
Entries 119

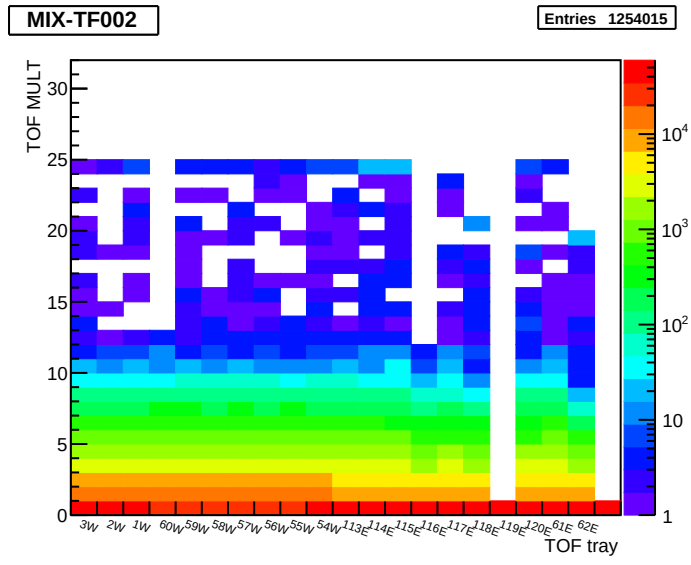

BunchId7Bit (EPD-TAC)
Entries 49875

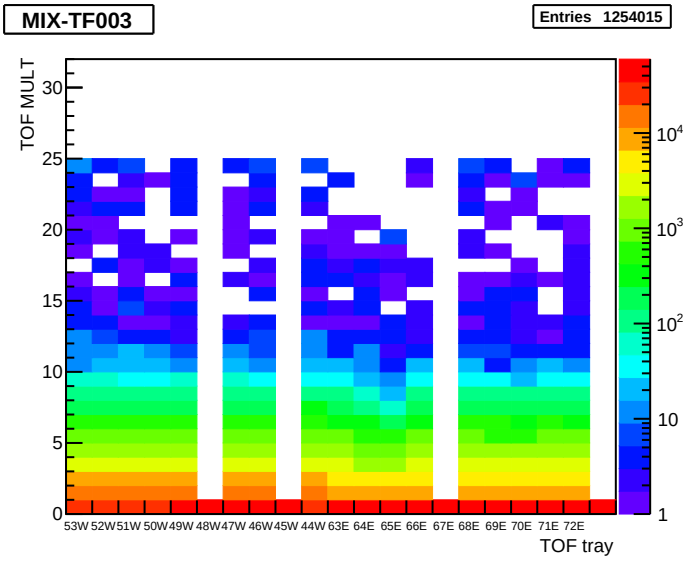

BunchId7Bit (BBC-TAC)
Entries 22001

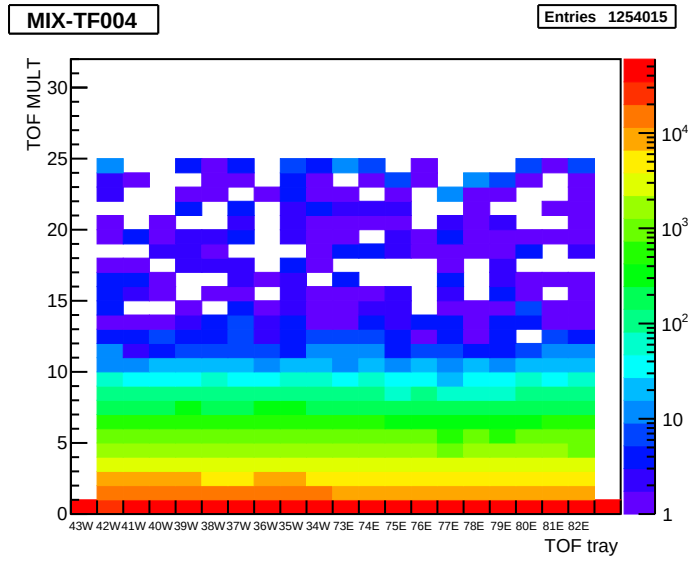

BunchId7Bit (Laser)
Entries 1

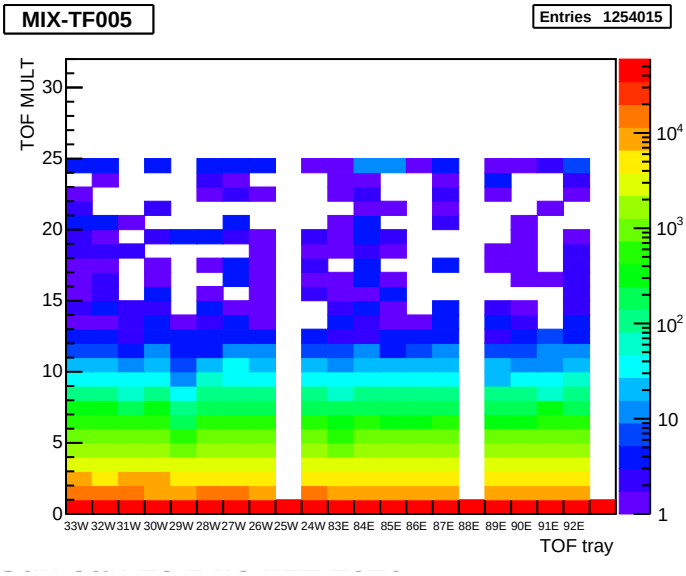

BunchId7Bit (TOFmult window)
Entries 1774

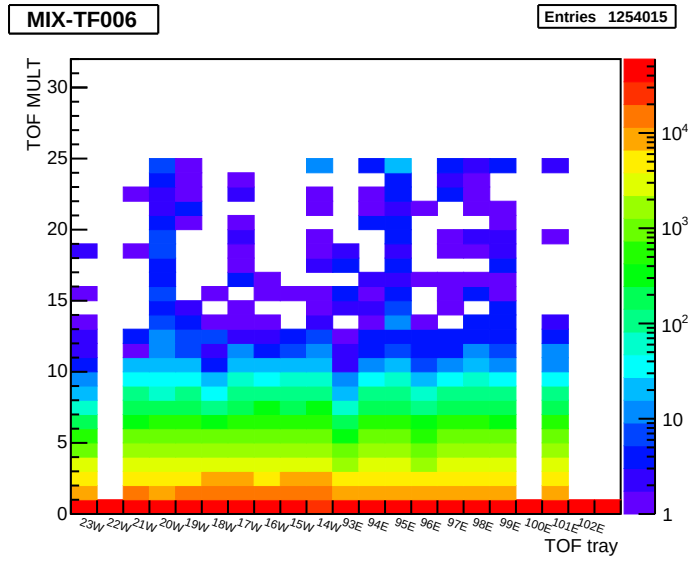

MIX-TF001
Entries 1254015
TOF MULT
TOF tray

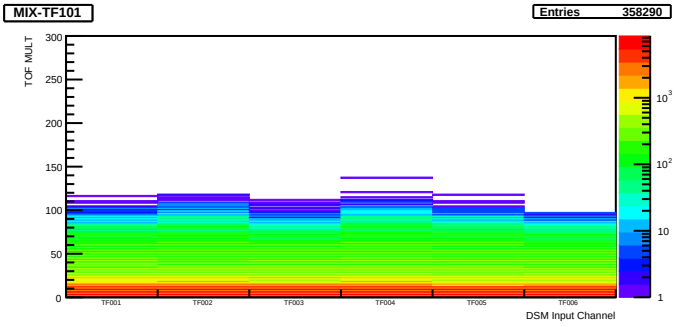

MIX-TF002
Entries 1254015
TOF MULT
TOF tray

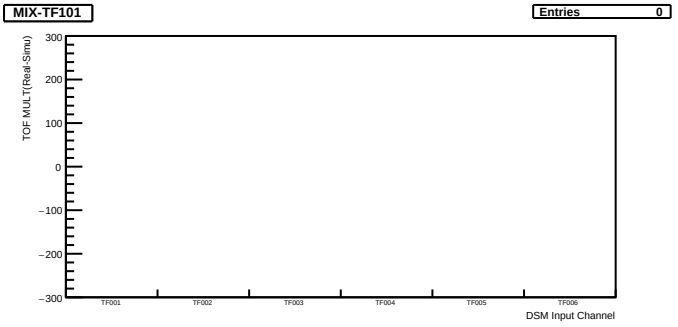

MIX-TF003
Entries 1254015
TOF MULT
TOF tray

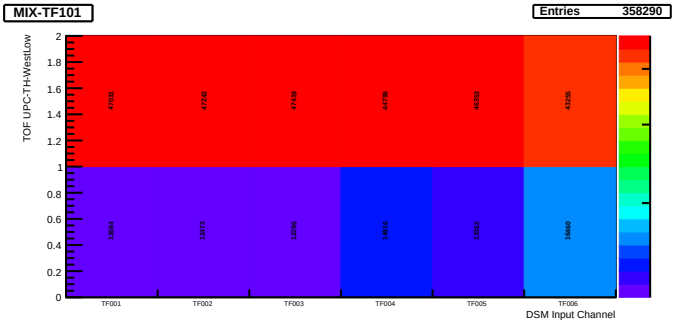

MIX-TF004
Entries 1254015
TOF MULT
TOF tray

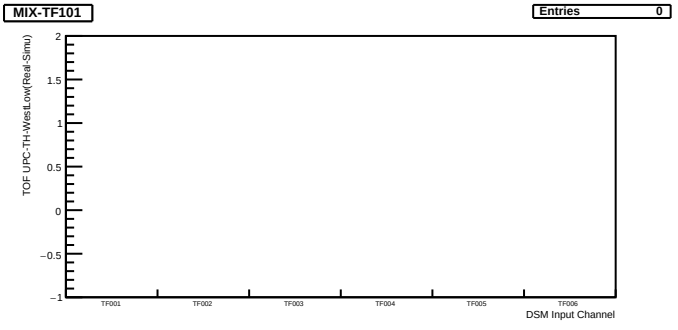

MIX-TF005
Entries 1254015
TOF MULT
TOF tray

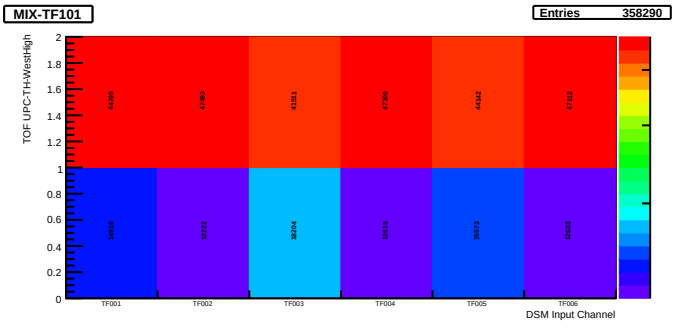

MIX-TF006
Entries 1254015
TOF MULT
TOF tray

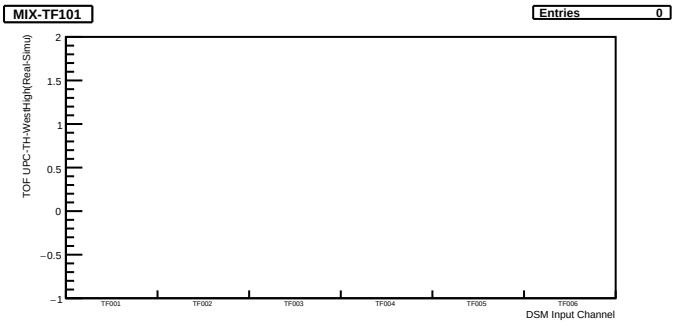

MIX-TF101
Entries 358290
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

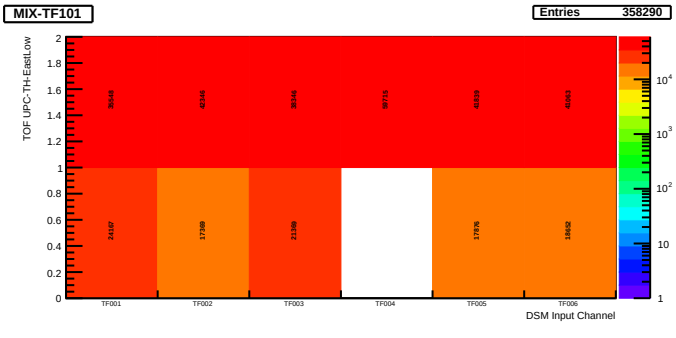

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

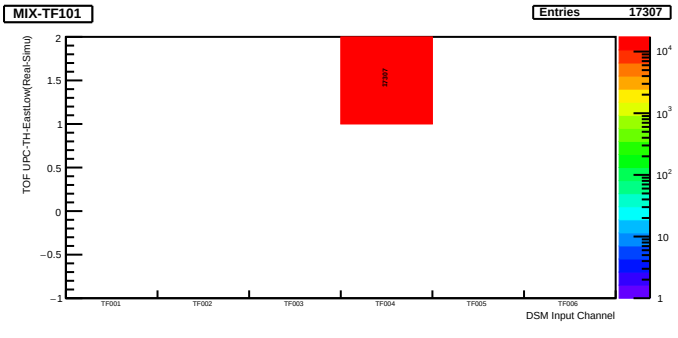

MIX-TF101
Entries 358290
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

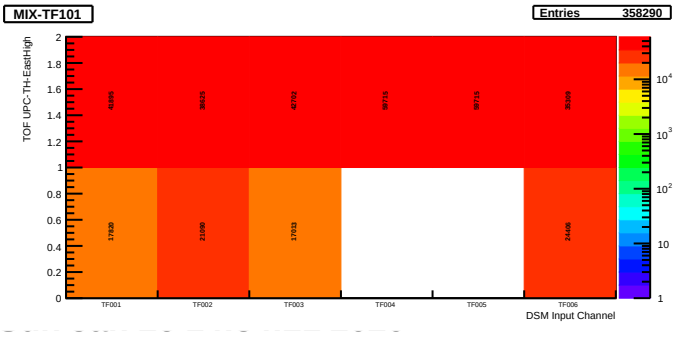

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

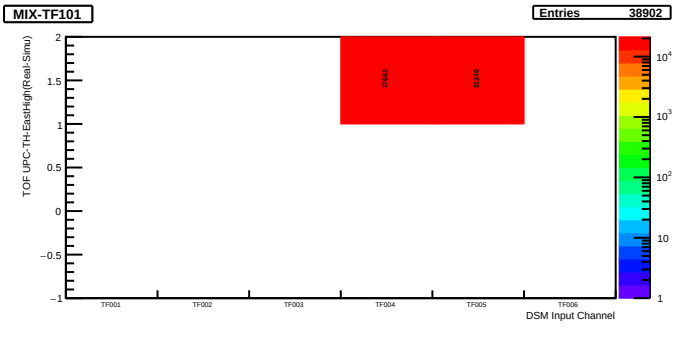

MIX-TF101
Entries 358290
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

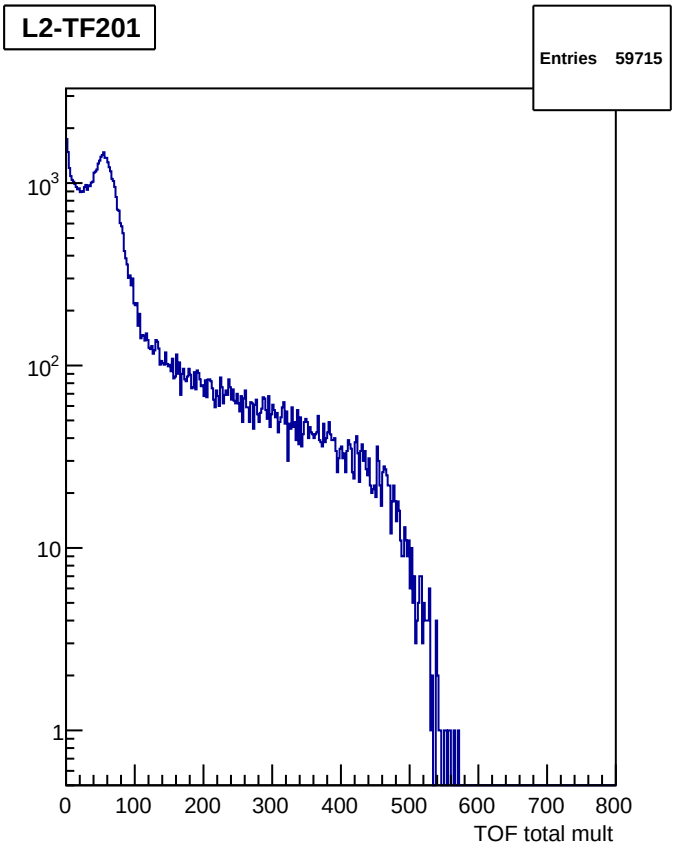

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

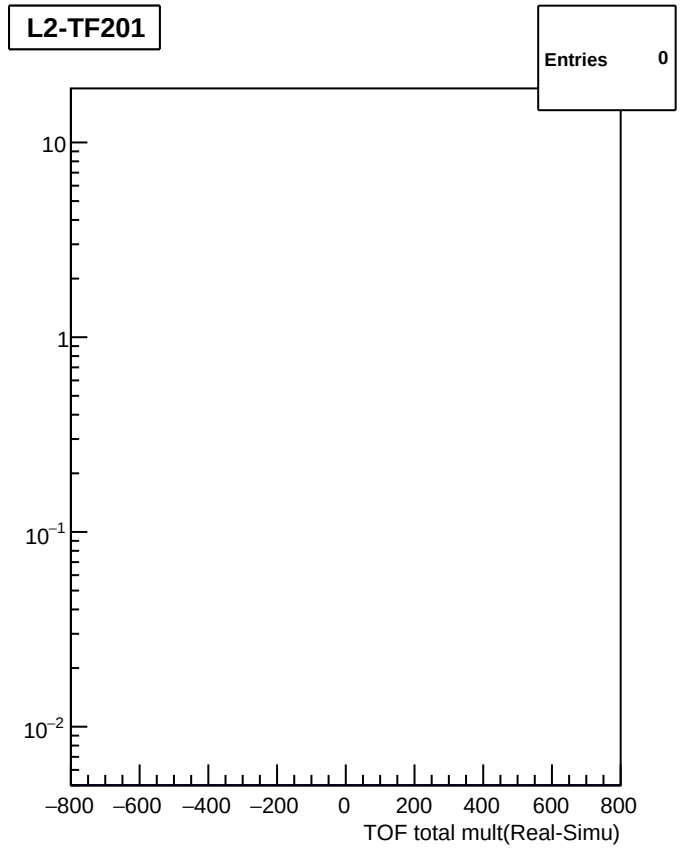

MIX-TF101
Entries 358290
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

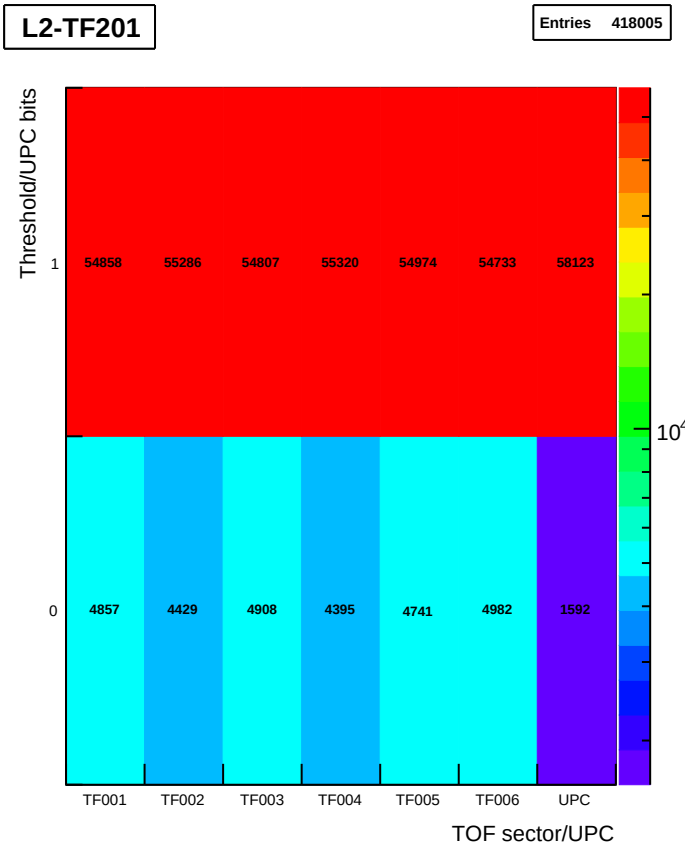

MIX-TF101
Entries 17307
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

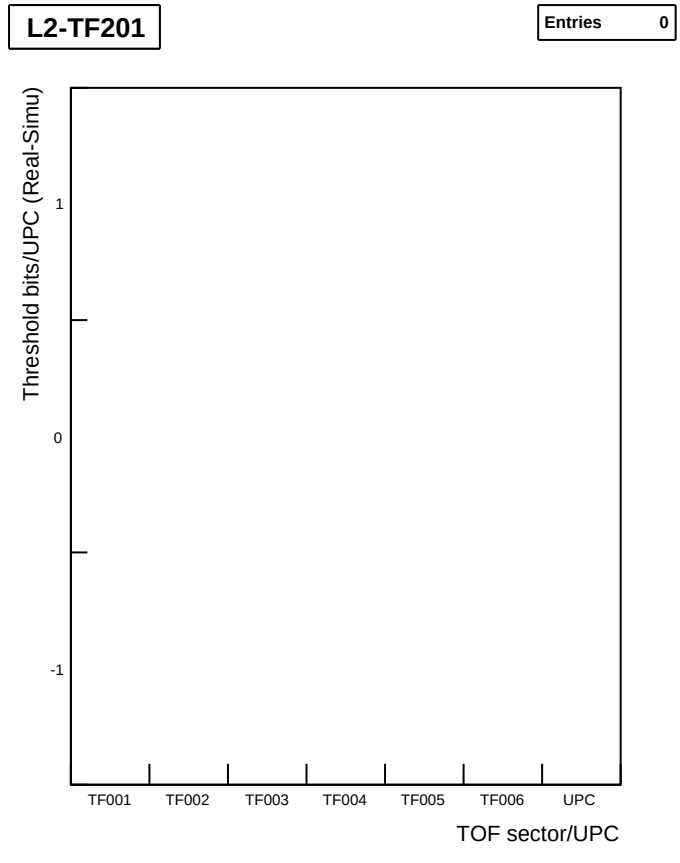

MIX-TF101
Entries 358290
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

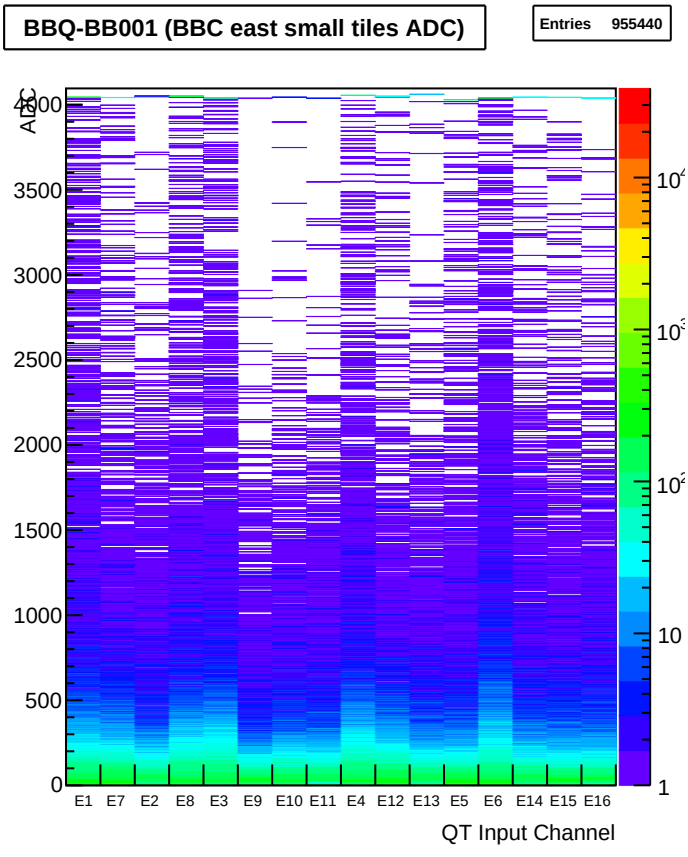

MIX-TF101
Entries 38902
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

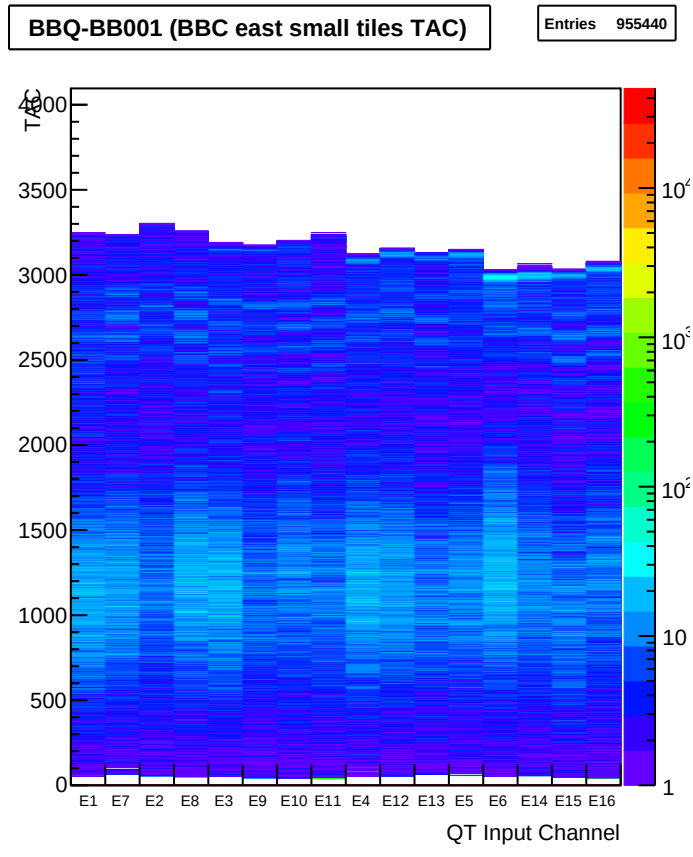

L2-TF201
Entries 59715
TOF total mult

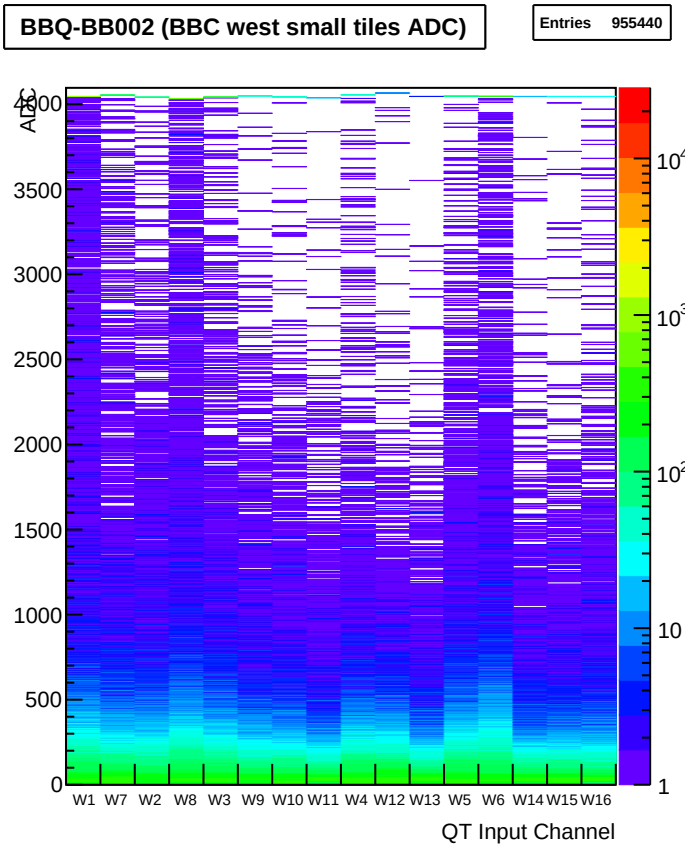

L2-TF201
Entries 0
TOF total mult(Real-Simu)

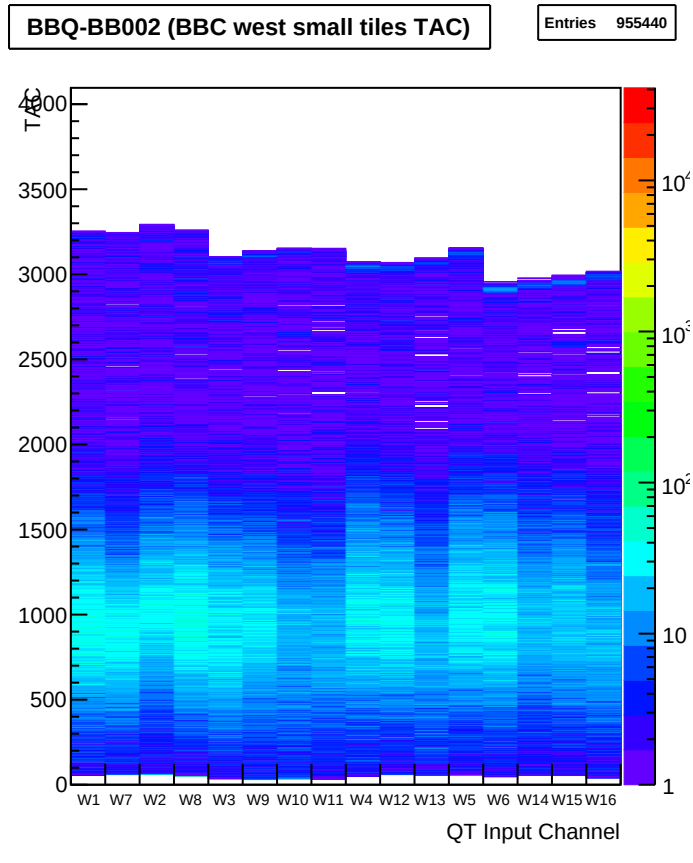

L2-TF201
Entries 418005
Threshold/UPC bits
54858
55286
54807
55320
54974
54733
58123
4857
4429
4908
4395
4741
4982
1592
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

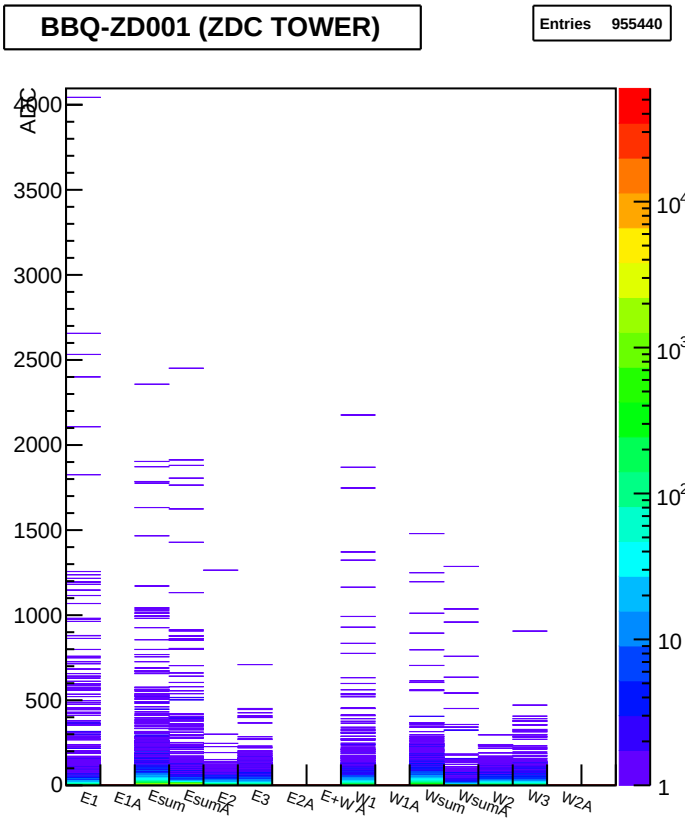

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

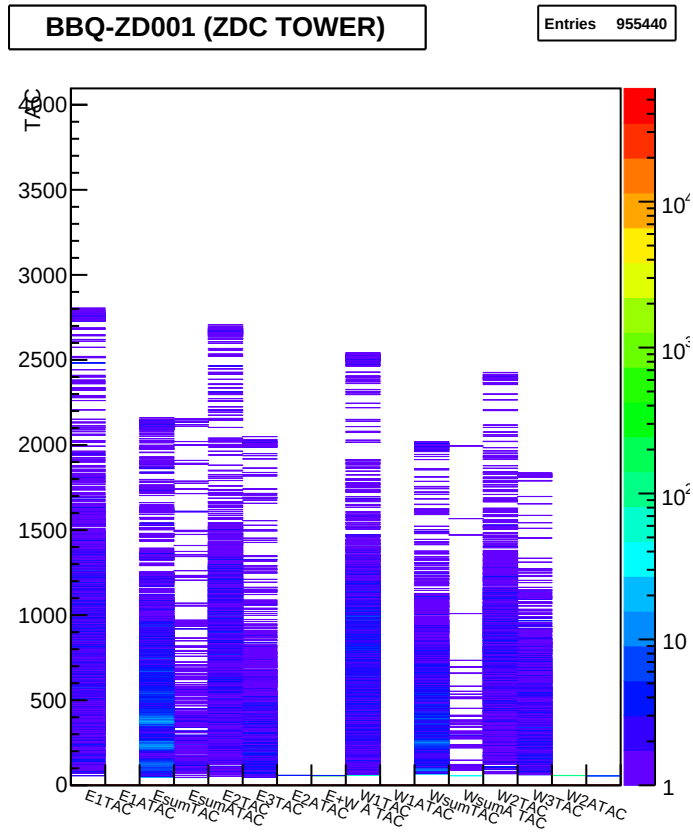

BBQ-BB001 (BBC east small tiles ADC)
Entries 955440
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

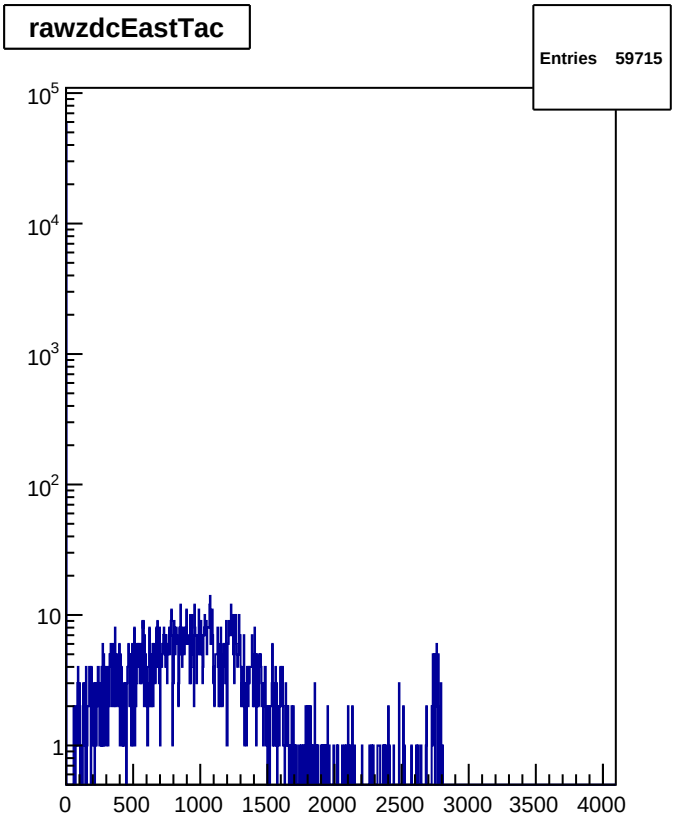

BBQ-BB001 (BBC east small tiles TAC)
Entries 955440
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

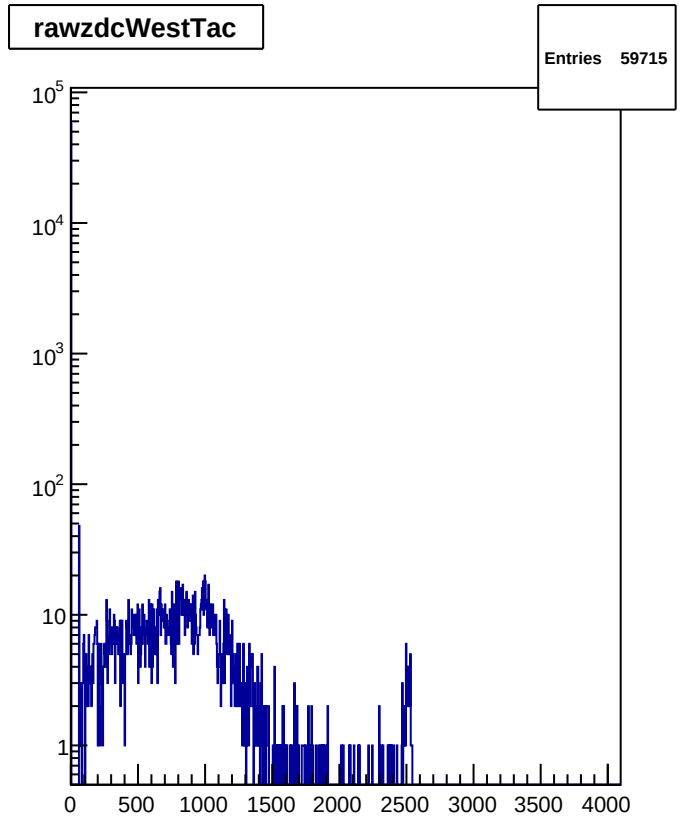

BBQ-BB002 (BBC west small tiles ADC)
Entries 955440
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

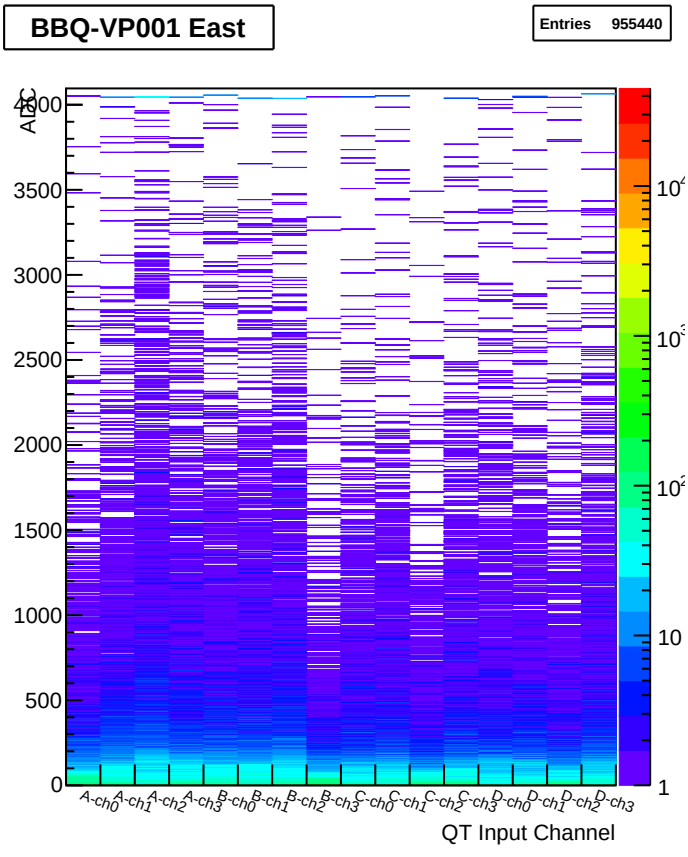

BBQ-BB002 (BBC west small tiles TAC)
Entries 955440
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

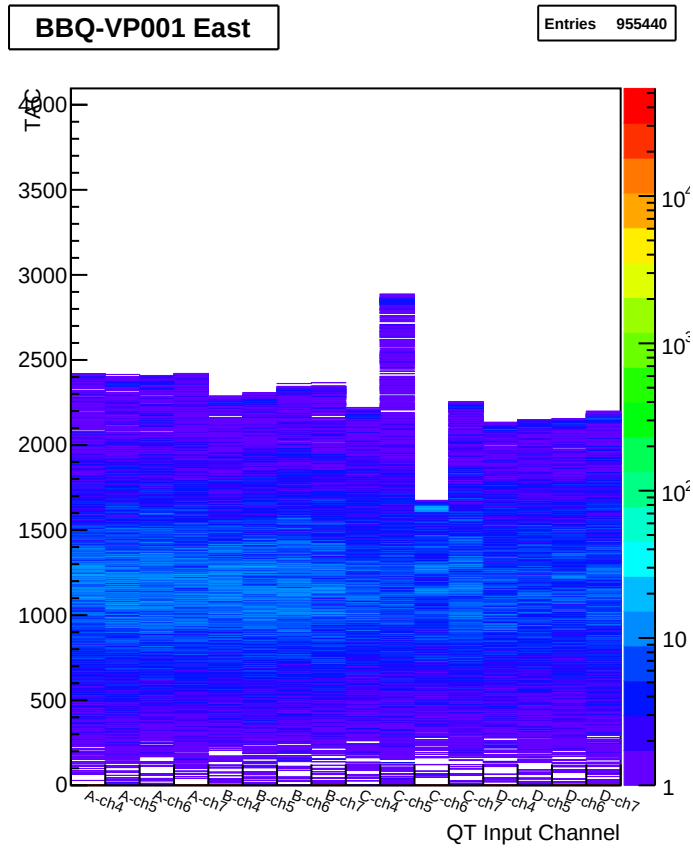

BBQ-ZD001 (ZDC TOWER)
Entries 955440
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

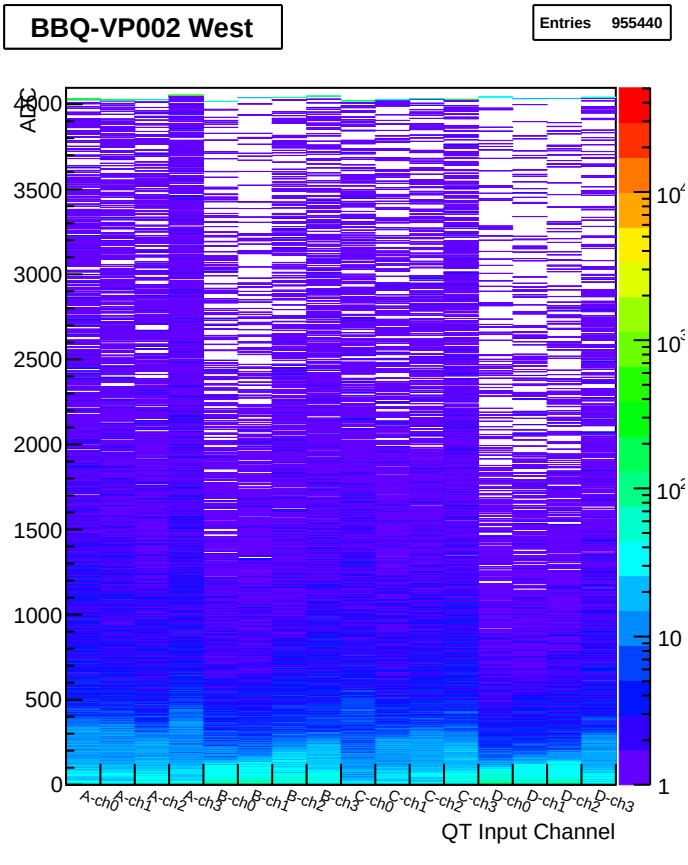

BBQ-ZD001 (ZDC TOWER)
Entries 955440
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumATAC
W2TAC
W3TAC
W2ATAC

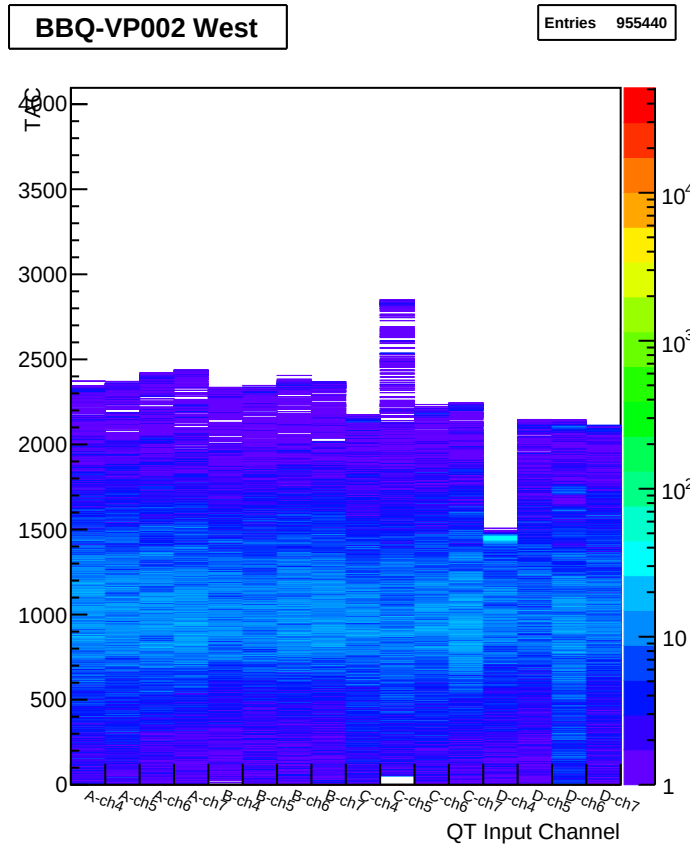

rawzdcEastTac
Entries 59715

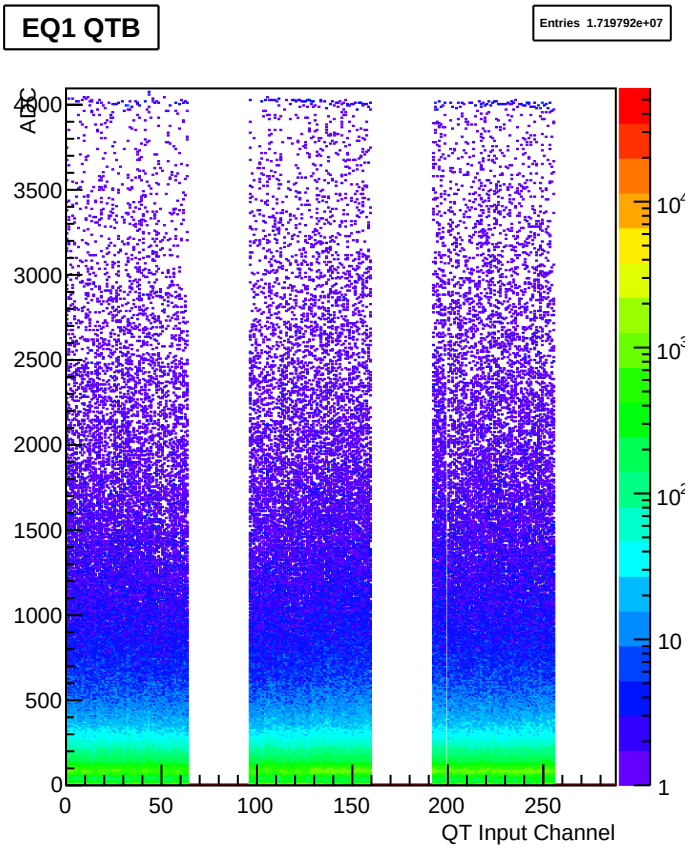

rawzdcWestTac
Entries 59715

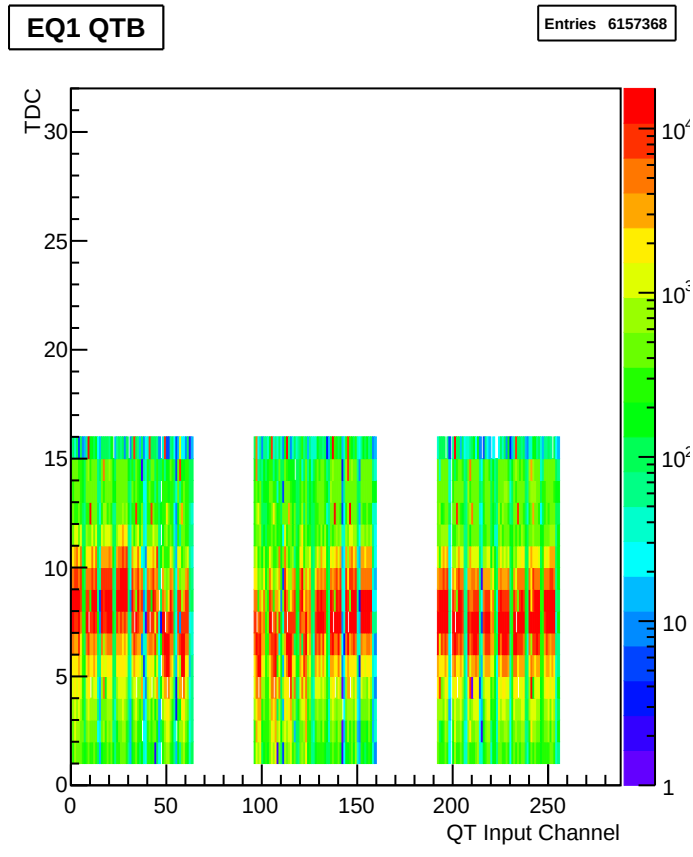

BBQ-VP001 East
Entries 955440
ADC
QT Input Channel

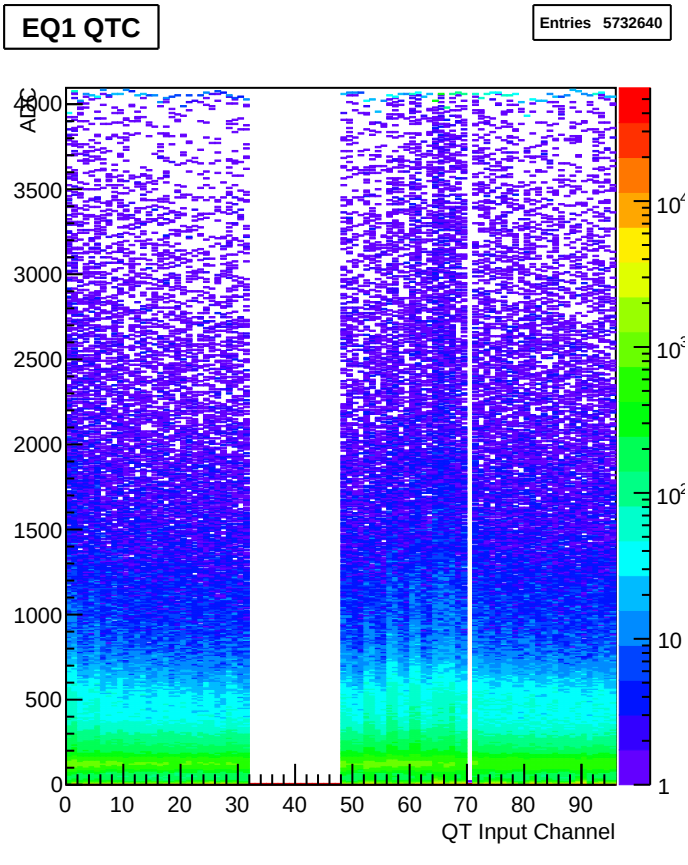

BBQ-VP001 East
Entries 955440
TADC
QT Input Channel

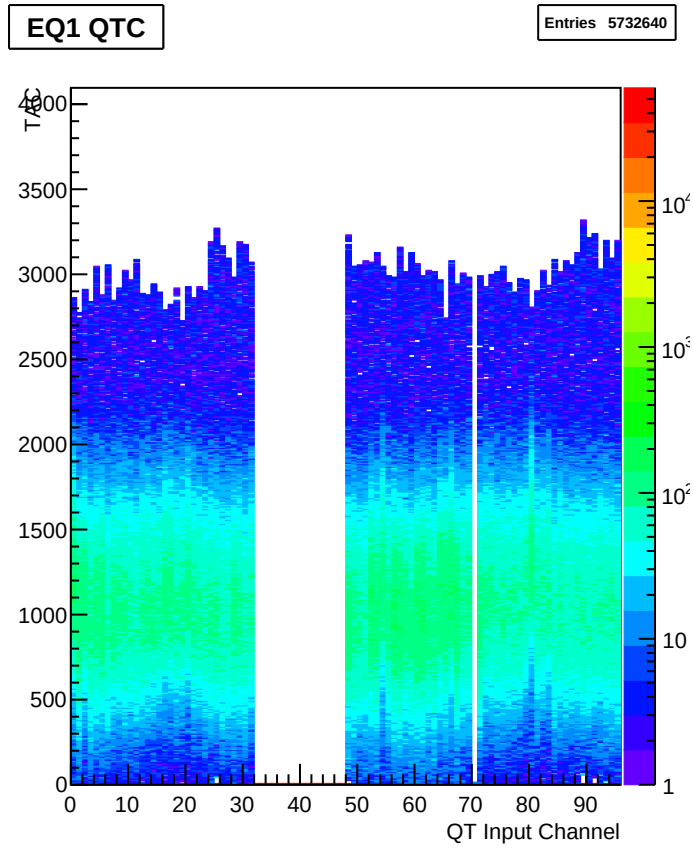

BBQ-VP002 West
Entries 955440
ADC
QT Input Channel

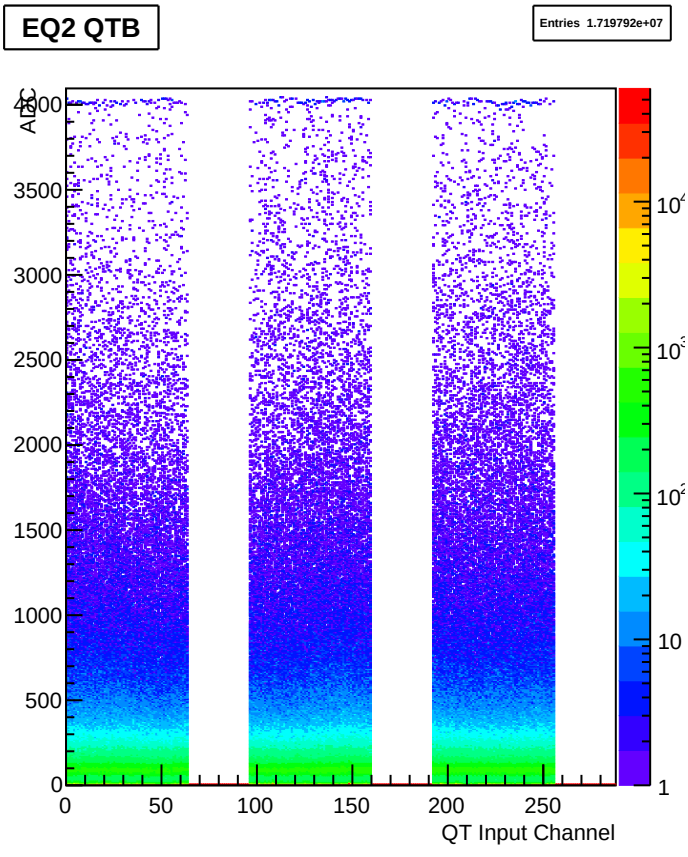

BBQ-VP002 West
Entries 955440
TADC
QT Input Channel

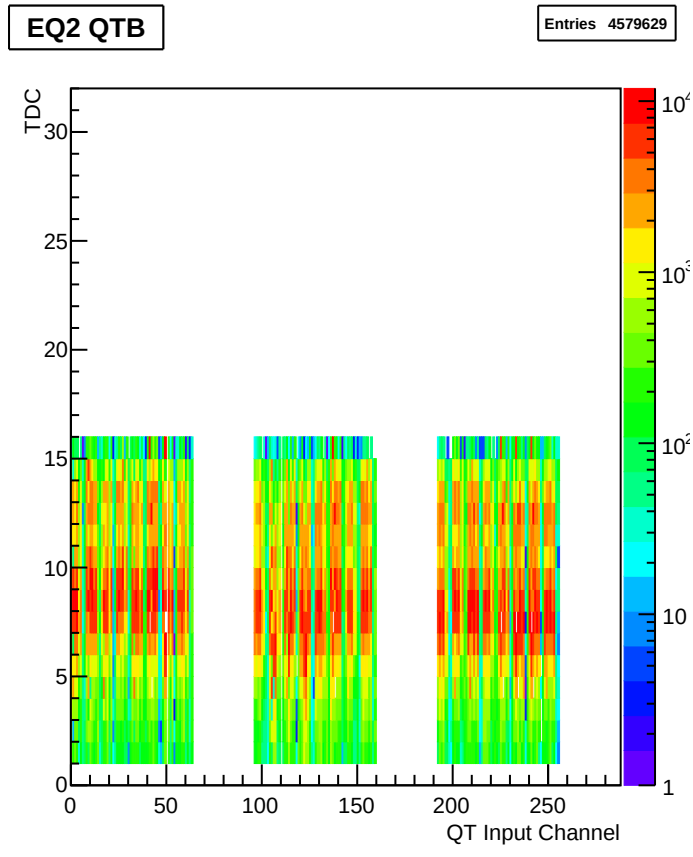

EQ1 QTB
Entries 1.719792e+07
ADC
QT Input Channel

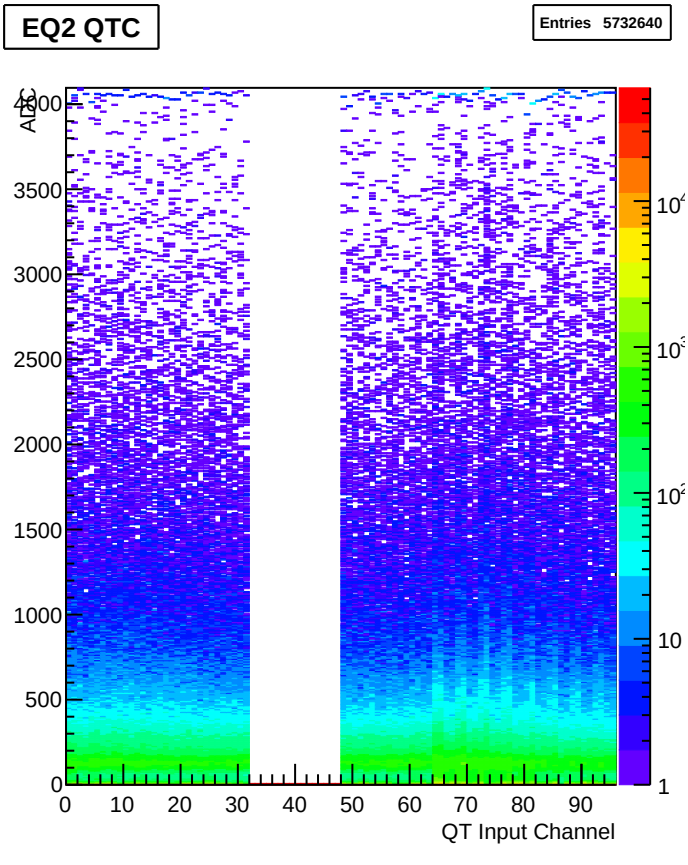

EQ1 QTB
Entries 6157368
TDC
QT Input Channel

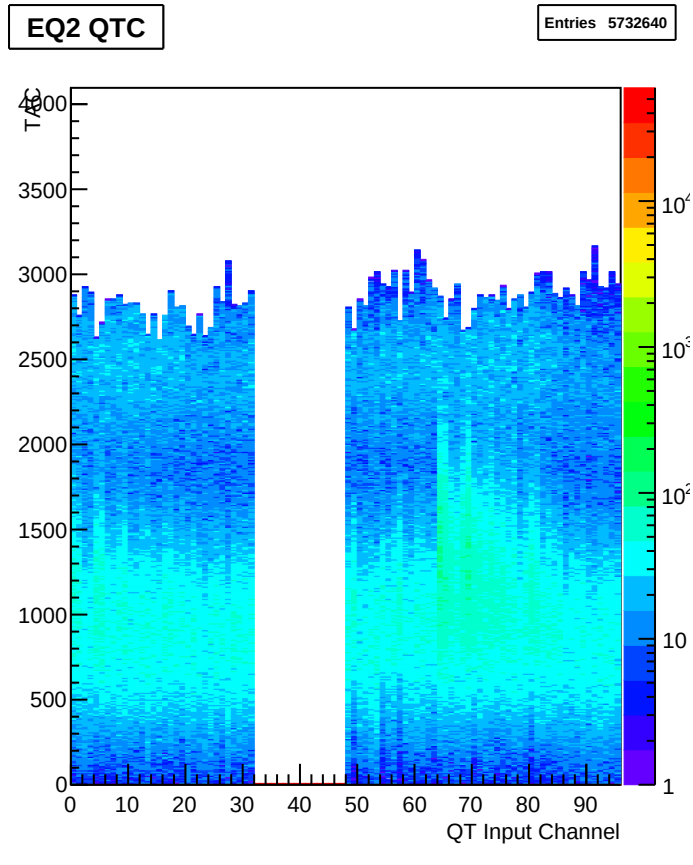

EQ1 QTC
Entries 5732640
ADC
QT Input Channel

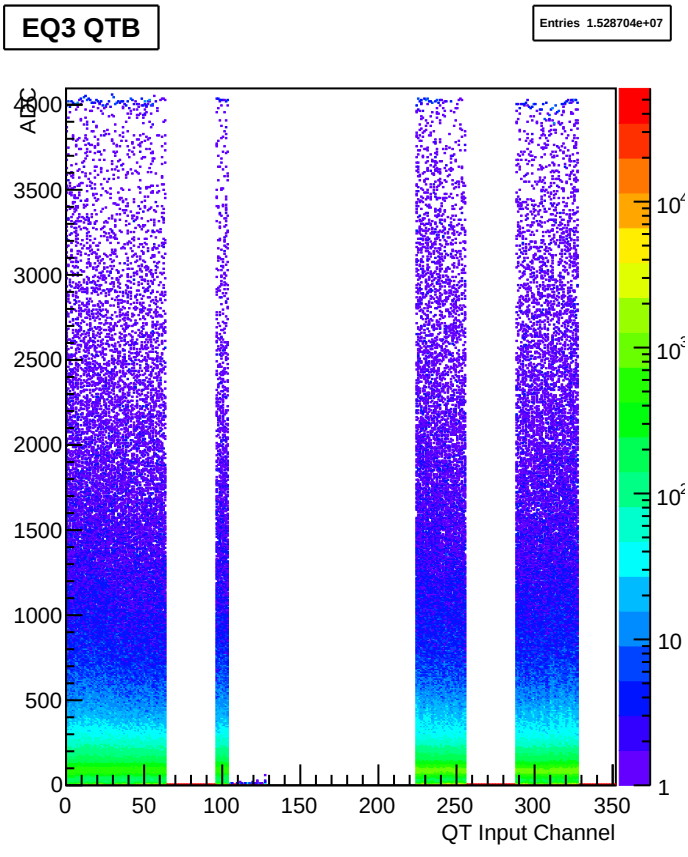

EQ1 QTC
Entries 5732640
TADC
QT Input Channel

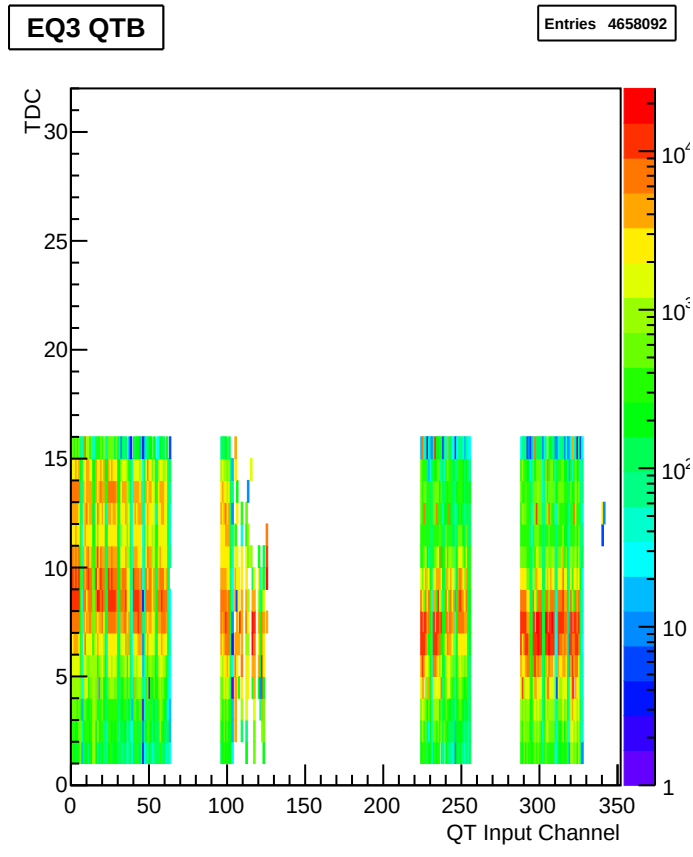

EQ2 QTB
Entries 1.719792e+07
ADC
QT Input Channel

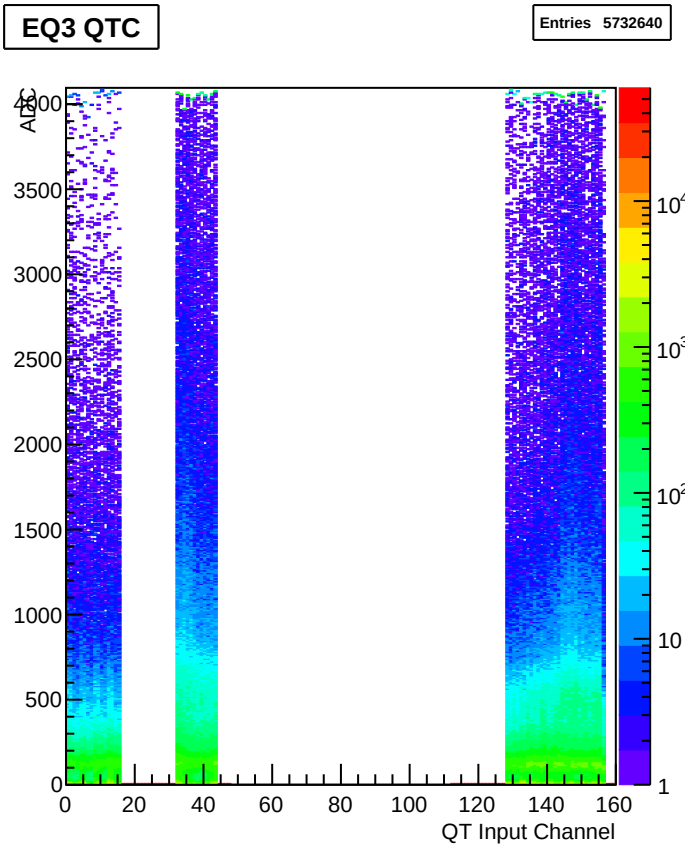

EQ2 QTB
Entries 4579629
TDC
QT Input Channel

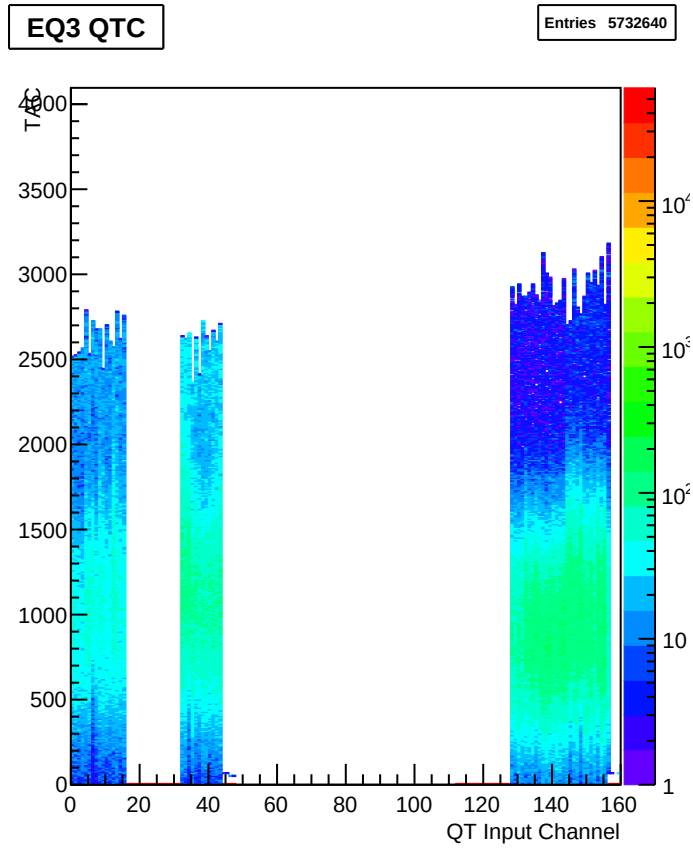

EQ2 QTC
Entries 5732640
ADC
QT Input Channel

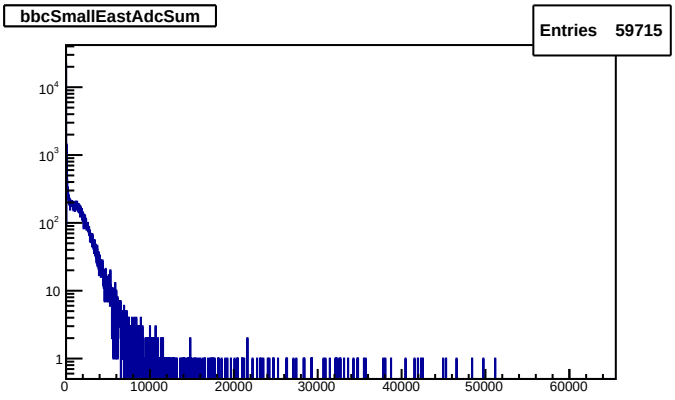

EQ2 QTC
Entries 5732640
TADC
QT Input Channel

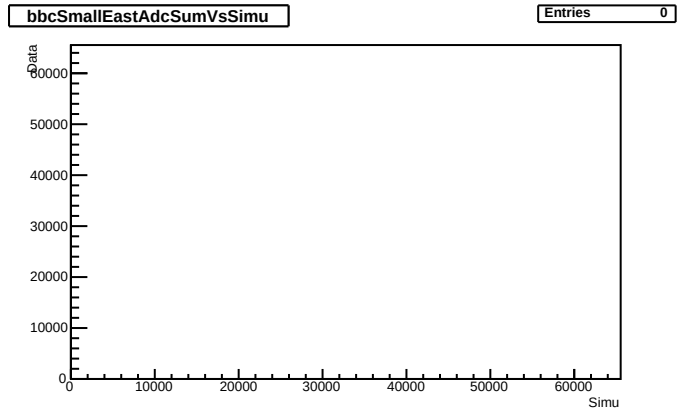

EQ3 QTB
Entries 1.528704e+07
ADC
QT Input Channel

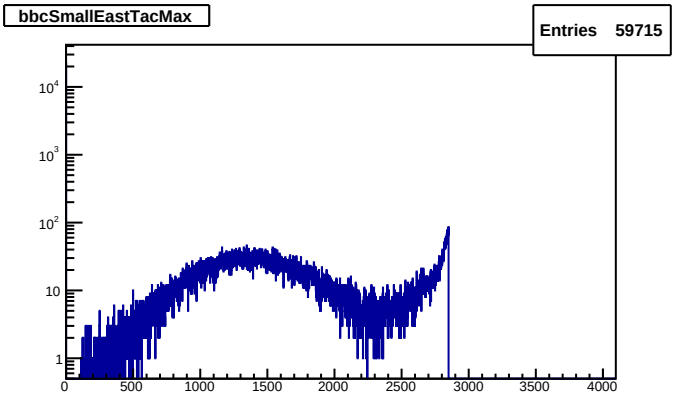

EQ3 QTB
Entries 4658092
TDC
QT Input Channel

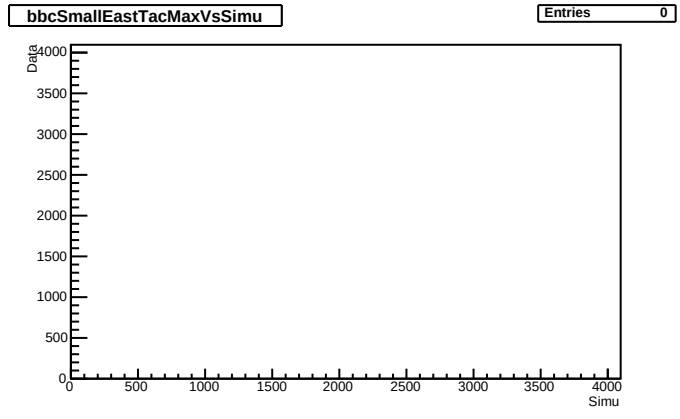

EQ3 QTC
Entries 5732640
ADC
QT Input Channel


EQ3 QTC
Entries 5732640
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 59715


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 59715


bbcSmallEastTacMaxVsSimu
Entries 0
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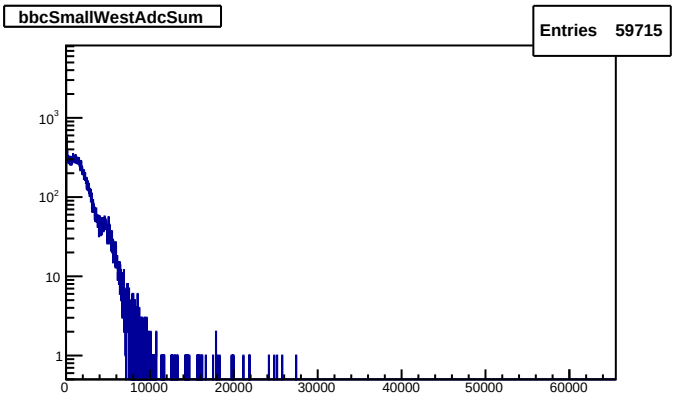
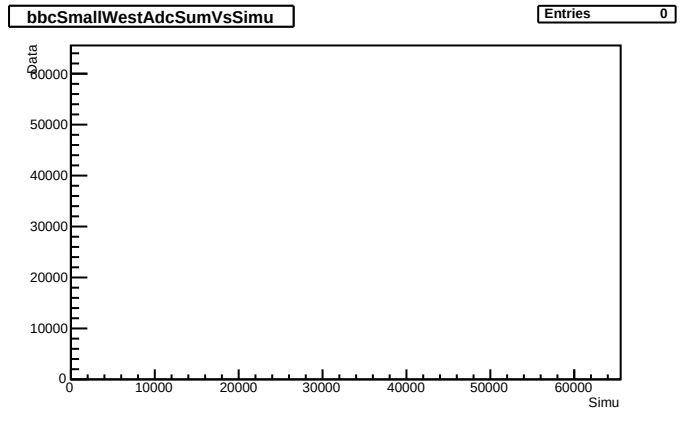
Simu


bbcSmallWestAdcSum
Entries 59715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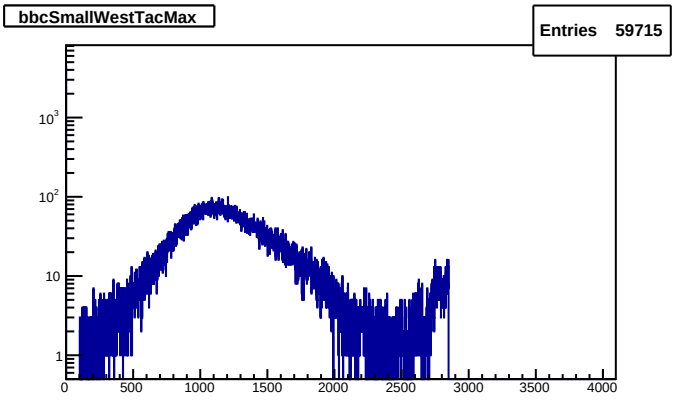
Entries 0
Data
Simu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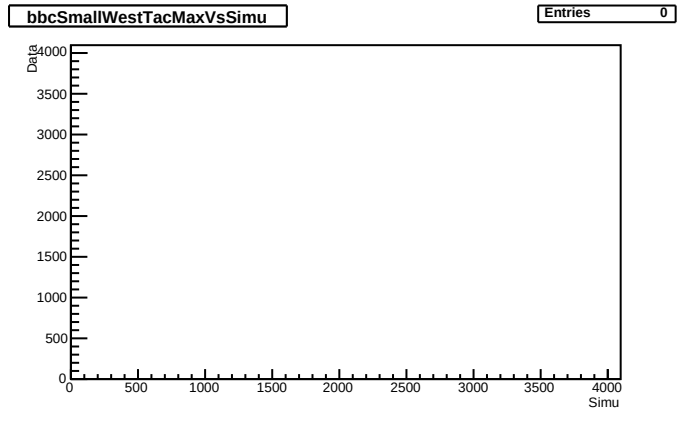
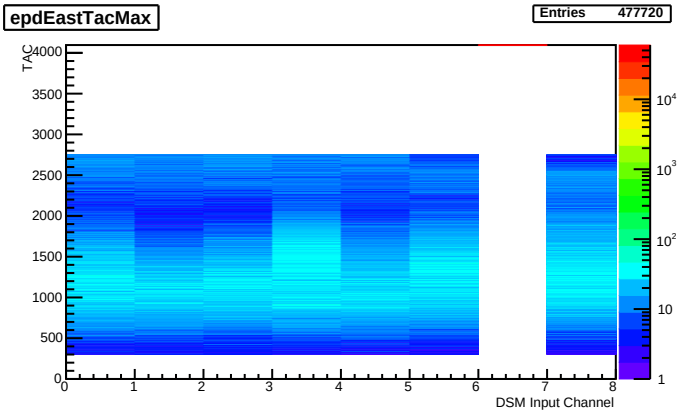
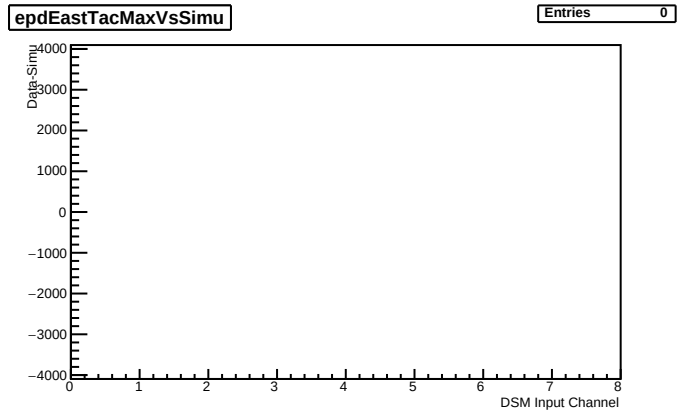
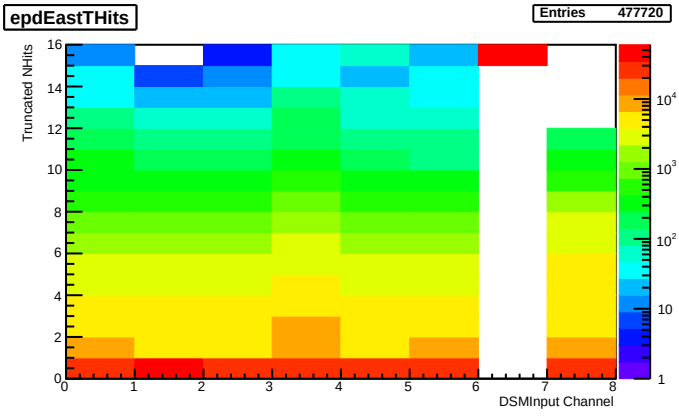
Entries 59715


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 477720
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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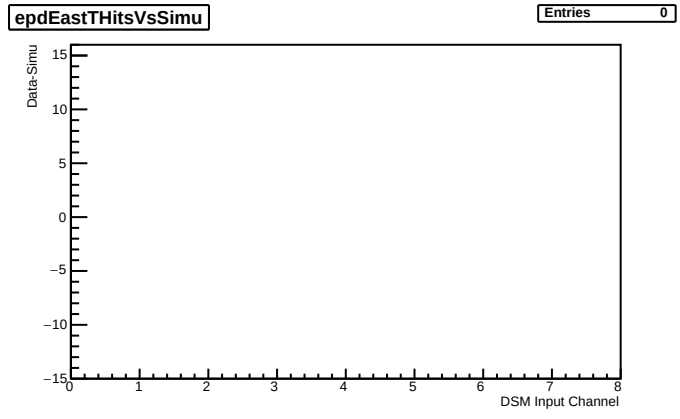
Entries 477720
Truncated NHits
DSMInput Channel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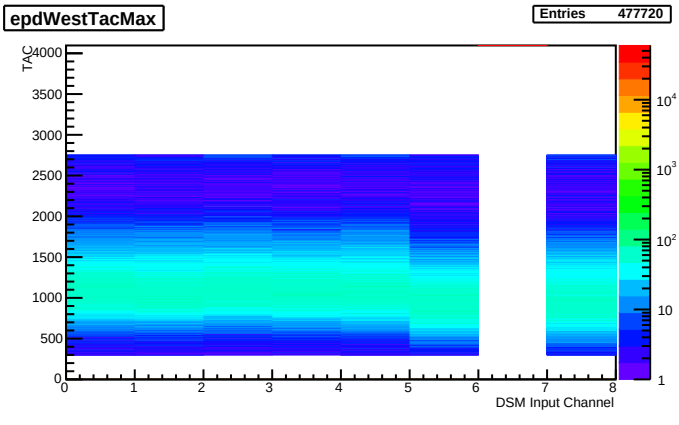
DSM Input Channel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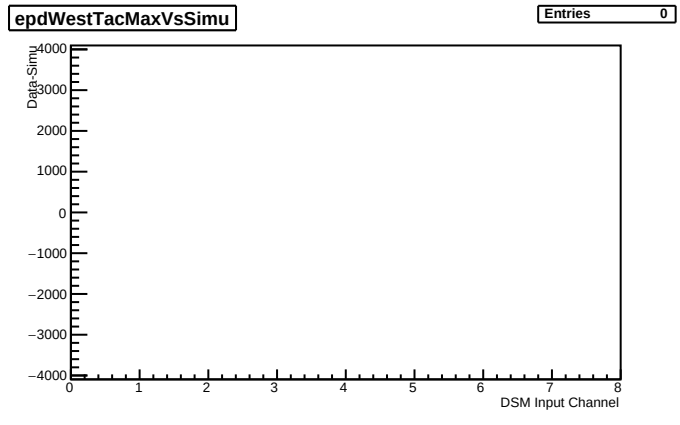
Entries 477720
TAC
DSM Input Channel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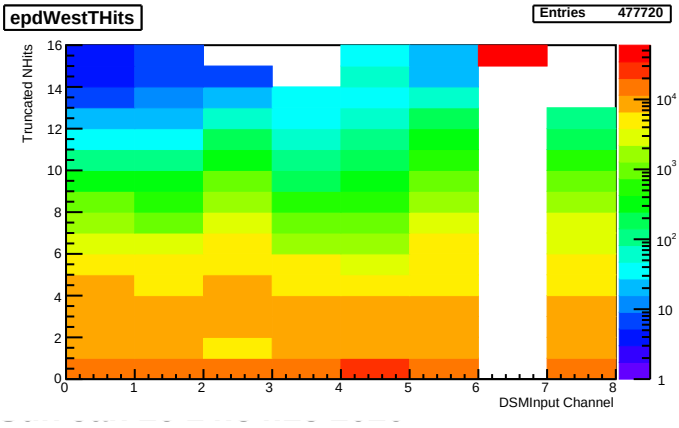
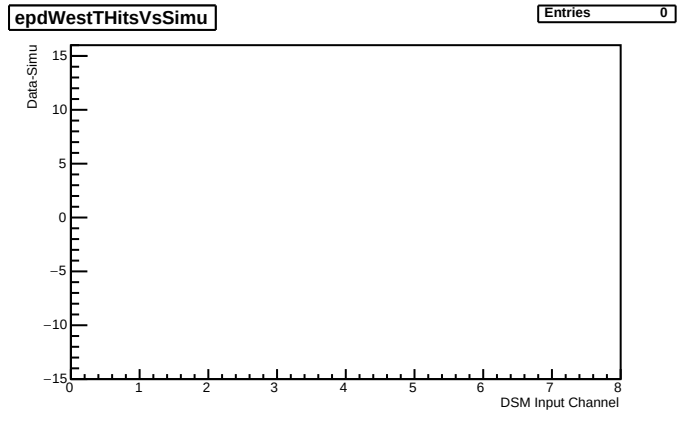
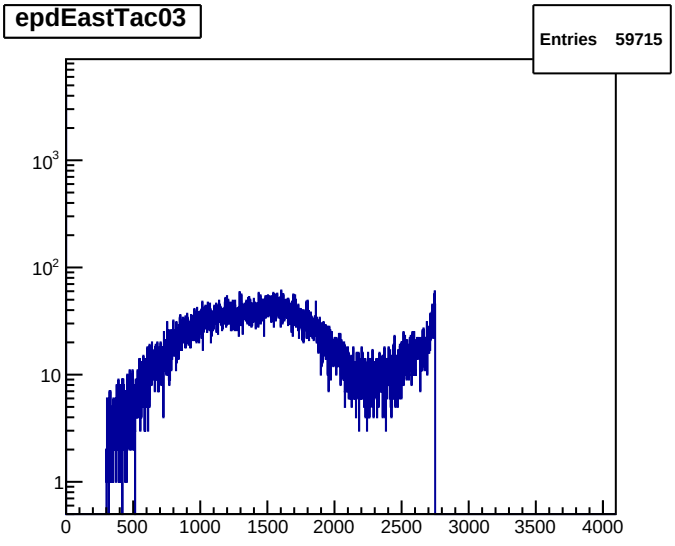
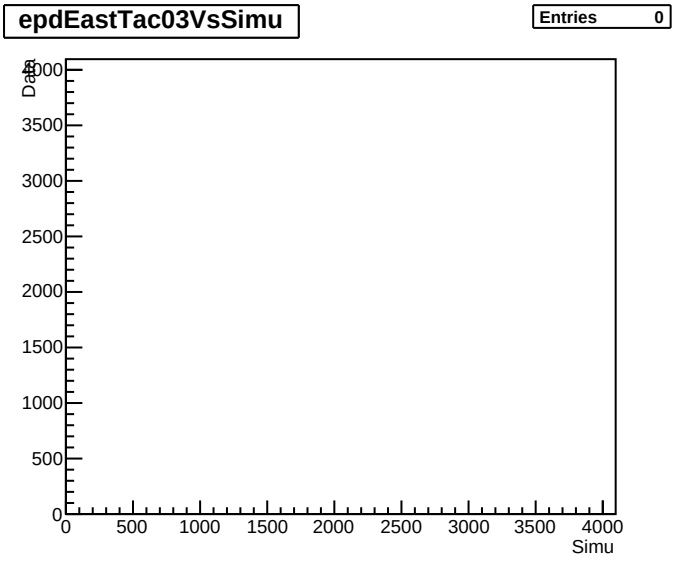
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 477720
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 59715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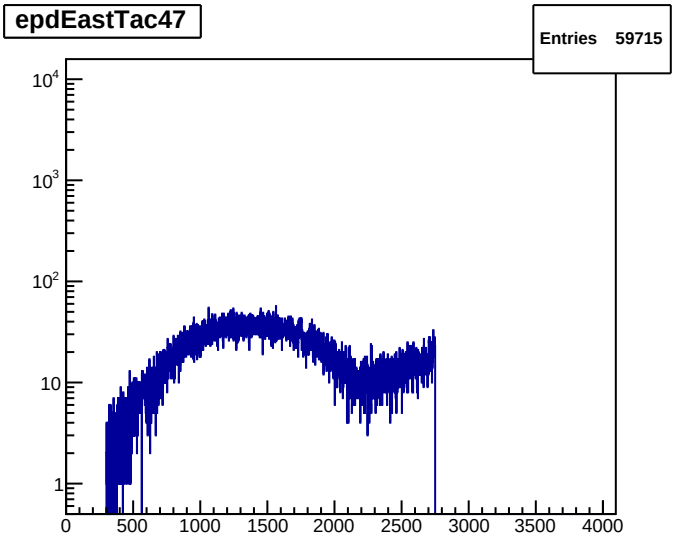
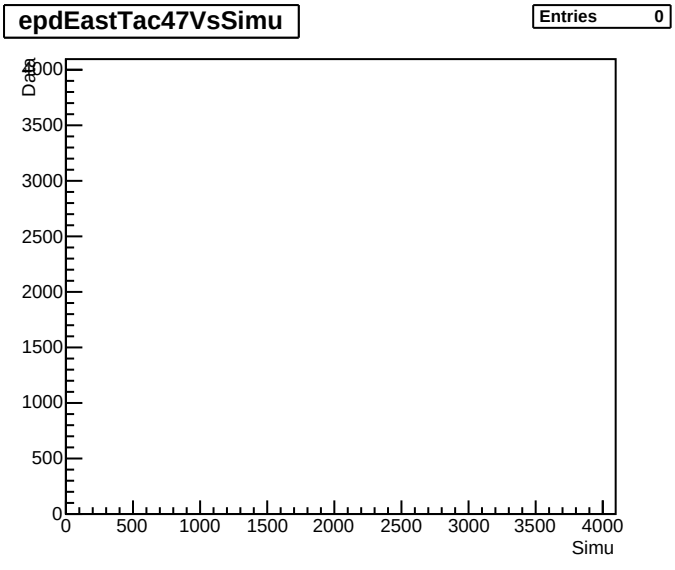
Entries 0
Data
Simu


epdEastTac47
Entries 59715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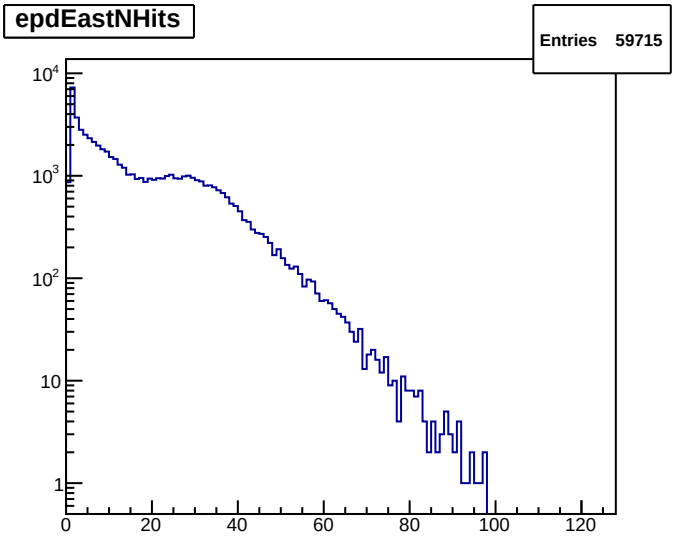
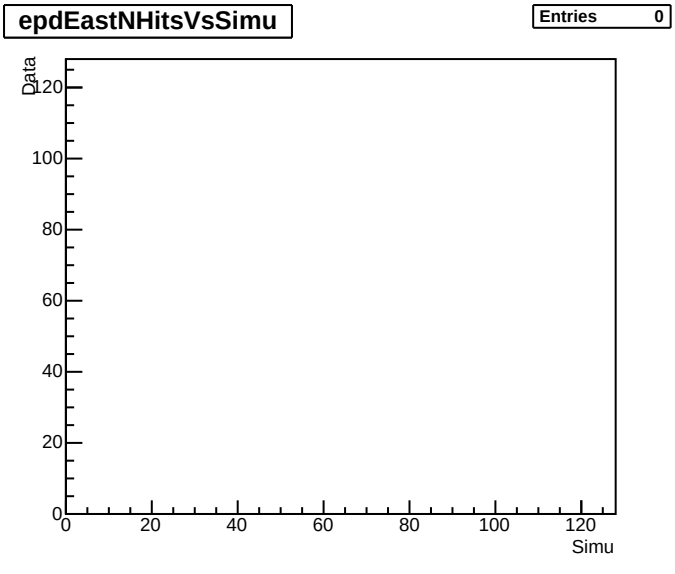
Entries 0
Data
Simu


epdEastNHits
Entries 59715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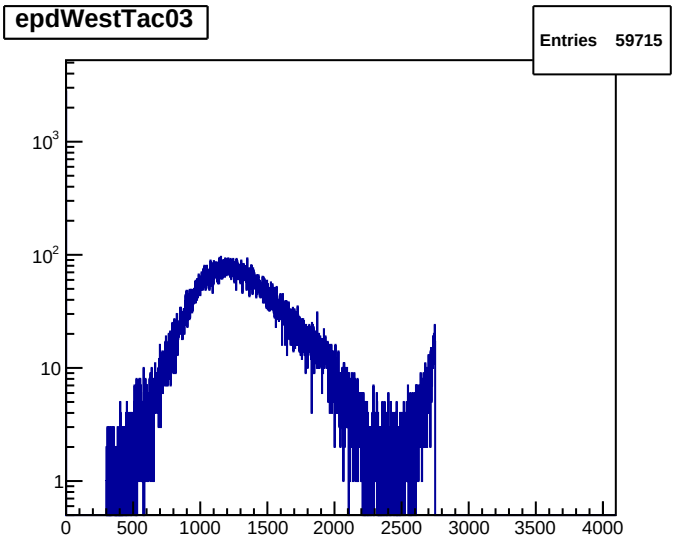
Entries 0
Data
Simu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Entries 59715
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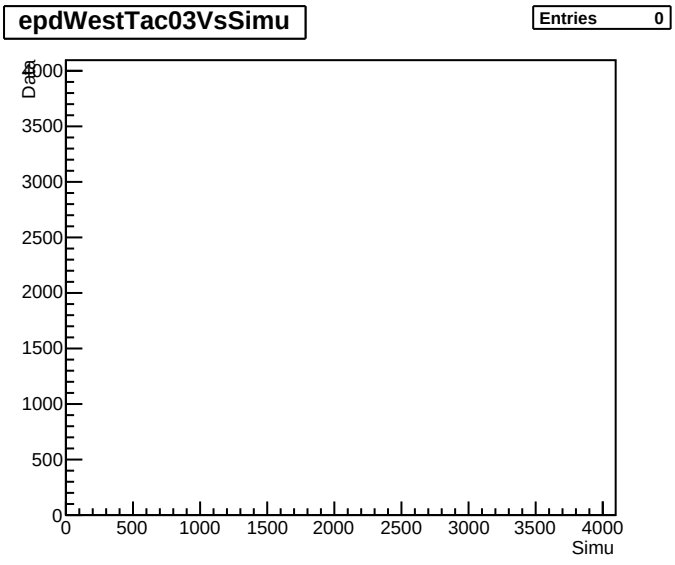
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000


epdWestTac03VsSimu
Entries 0
Data
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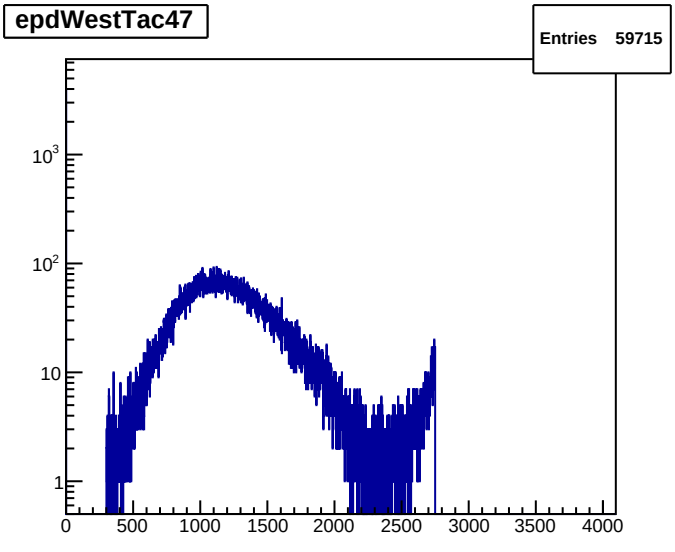
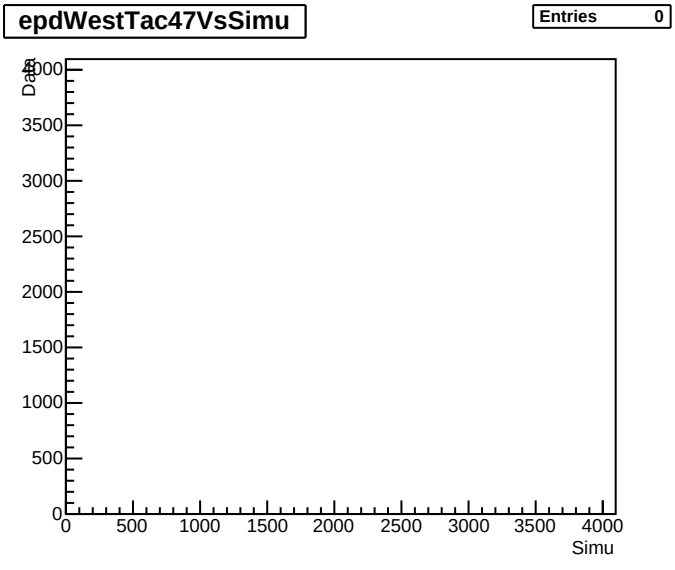
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdWestTac47
Entries 59715
10^3
10^2
10
1
0 500 1000 1500 2000 2500 3000 3500 4000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Entries 0
Data
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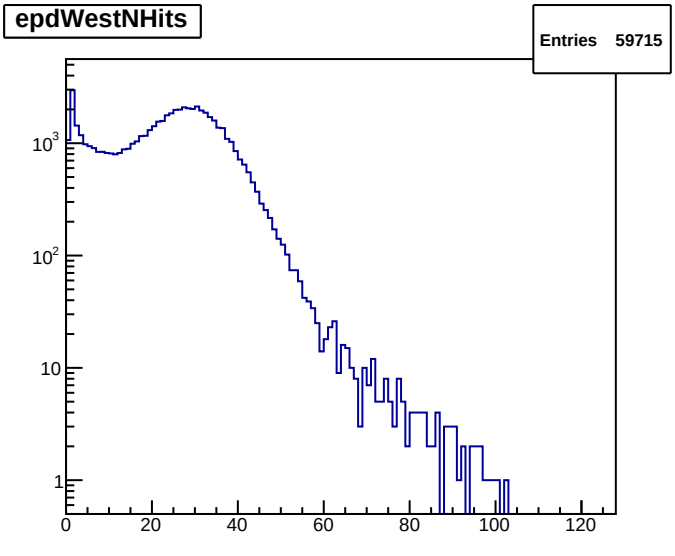
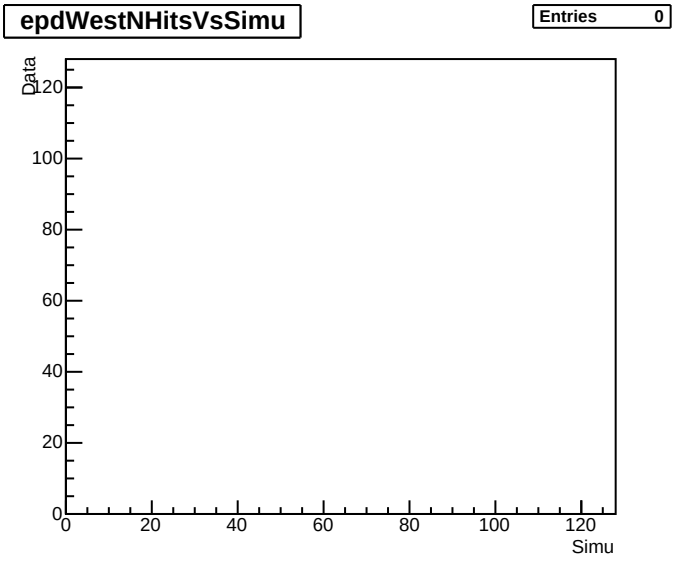
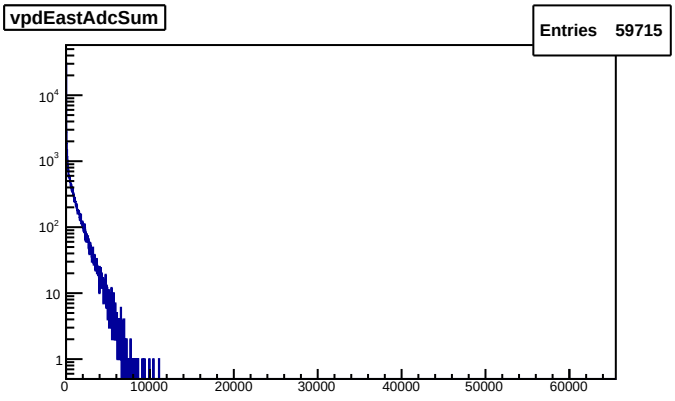
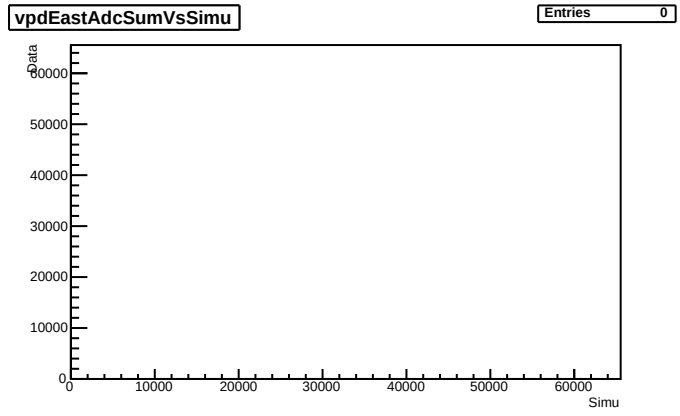
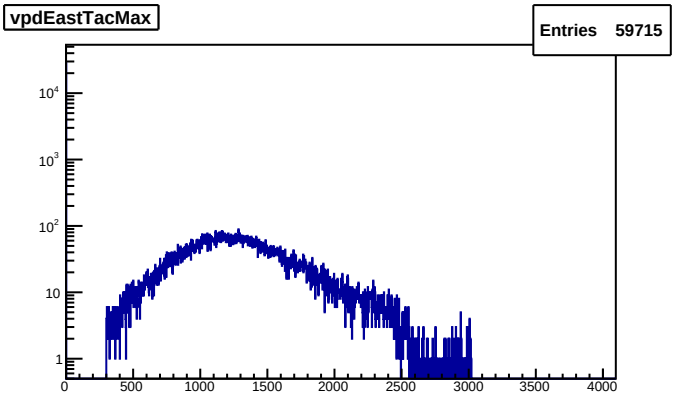
3500
3000
2500
2000
1500
1000
500
0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu

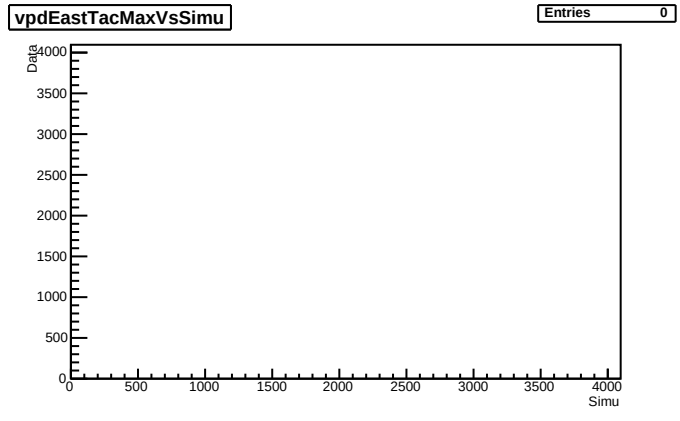

epdWestNHits
Entries 59715
10^3
10^2
10
1
0 20 40 60 80 100 120

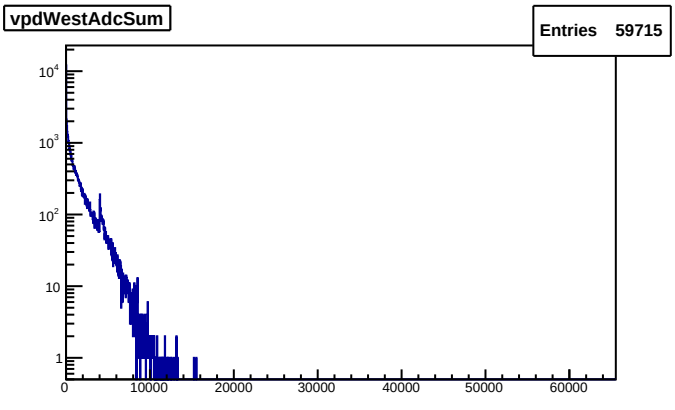

epdWestNHitsVsSimu
Entries 0
Data
120
100
80
60
40
20
0
0 20 40 60 80 100 120
Simu

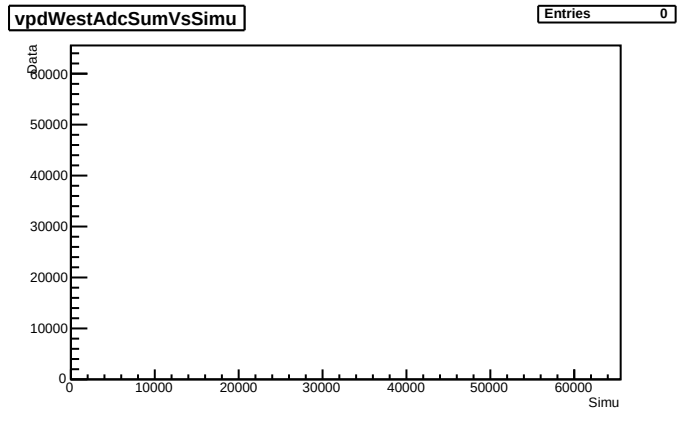

vpdEastAdcSum
Entries 59715

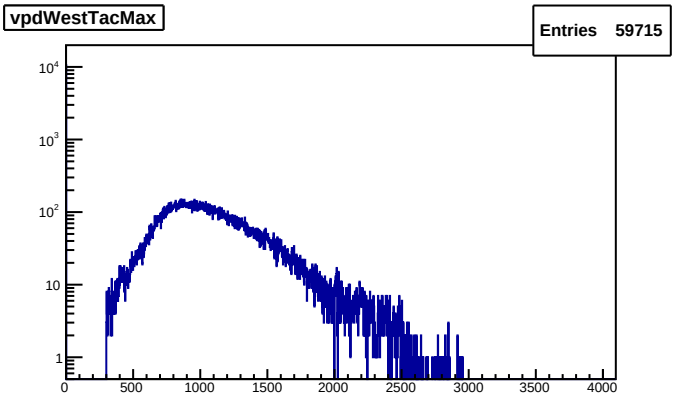

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

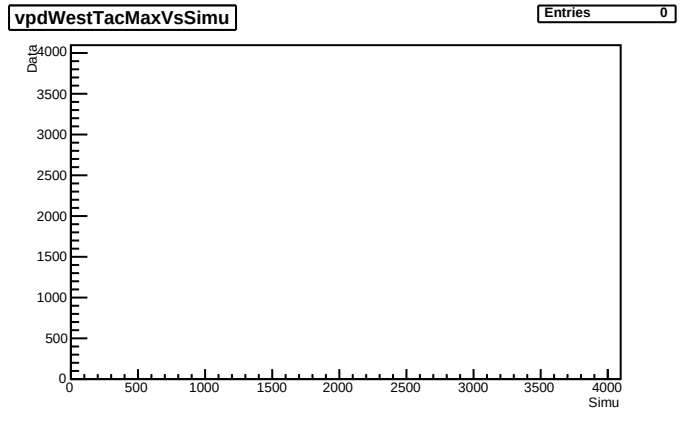

vpdEastTacMax
Entries 59715

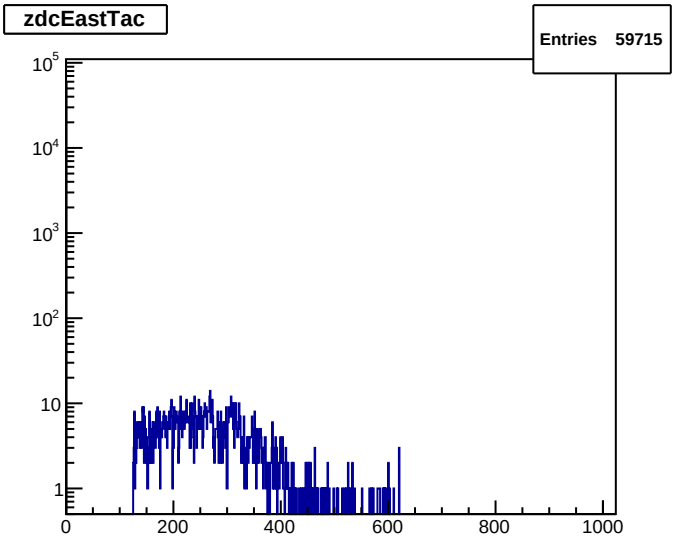

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

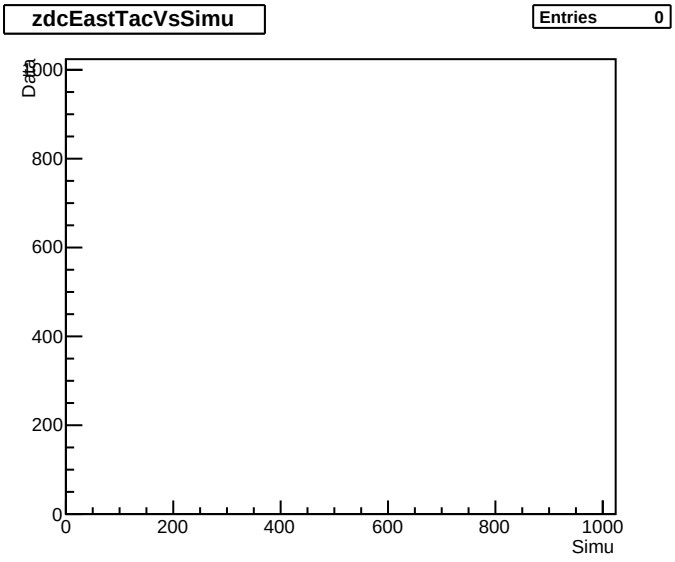

vpdWestAdcSum
Entries 59715

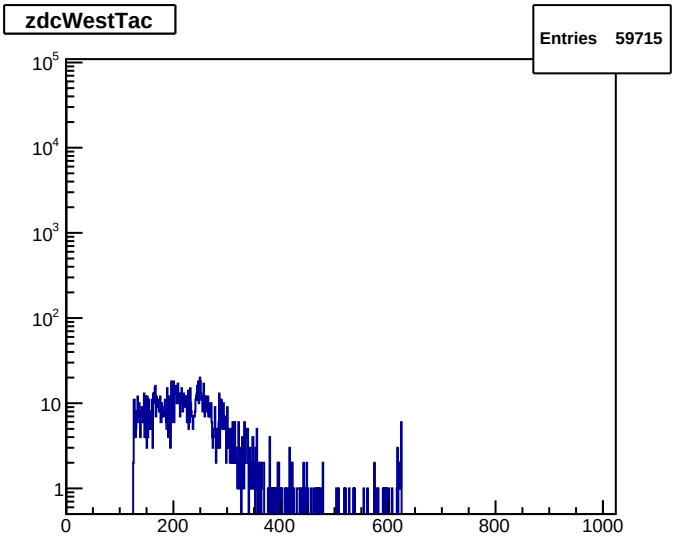

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

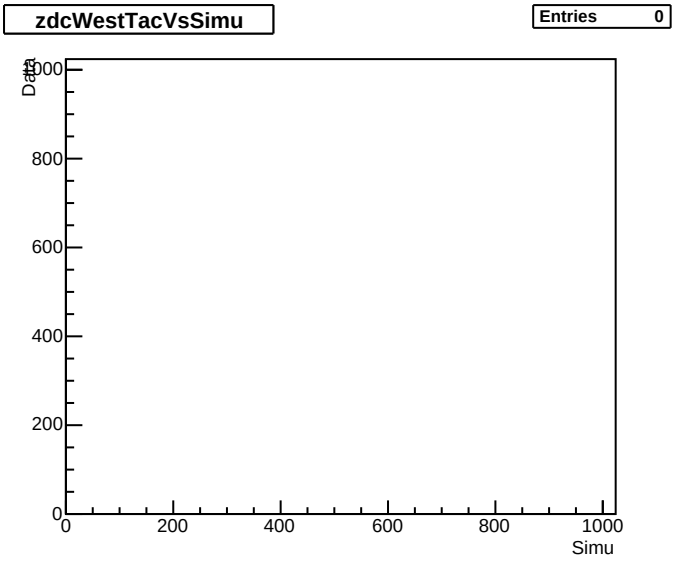

vpdWestTacMax
Entries 59715

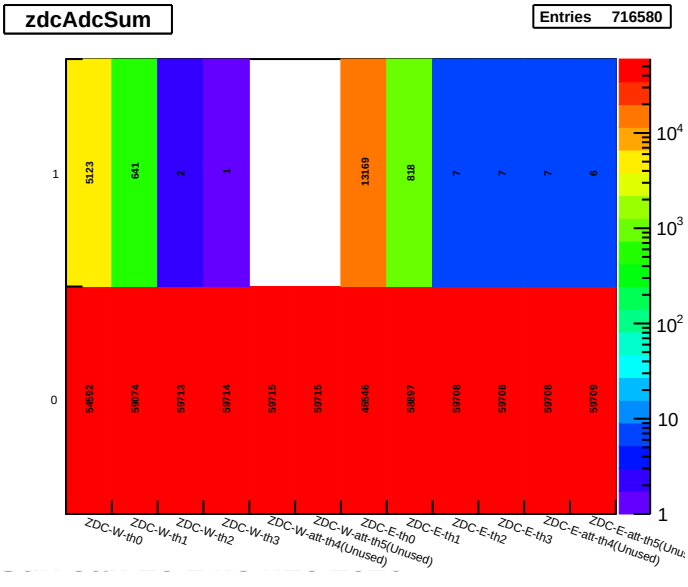

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

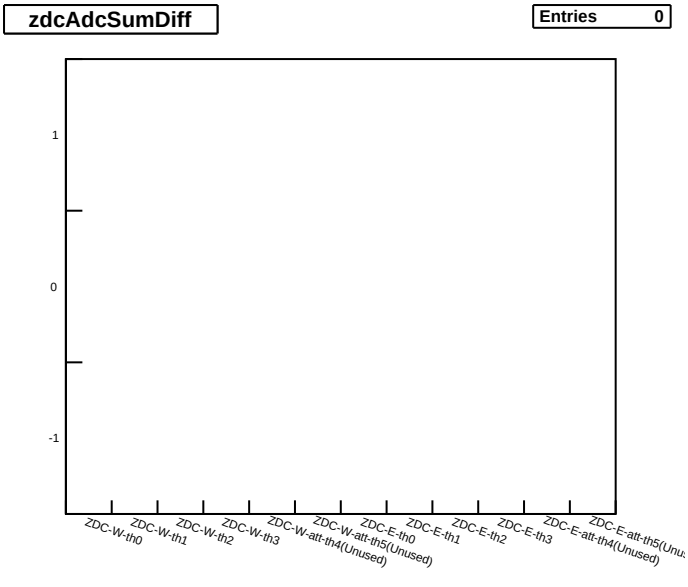

zdcEastTac
Entries 59715

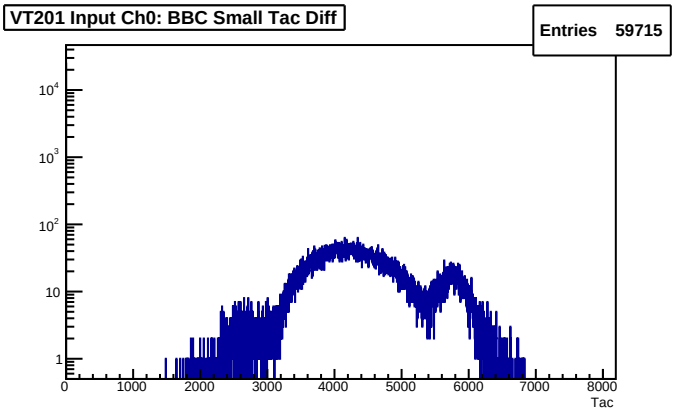

zdcEastTacVsSimu
Entries 0
Data
Simu

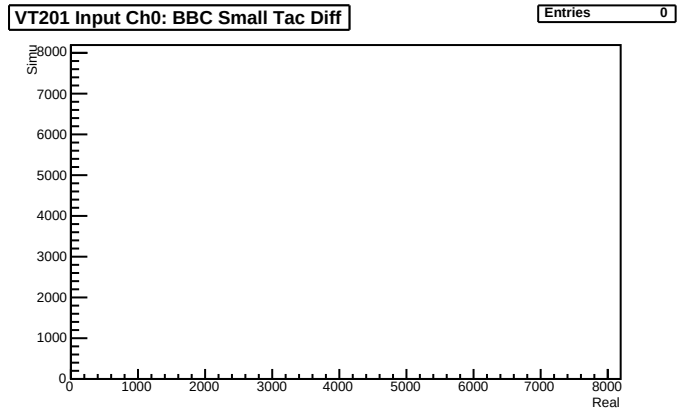

zdcWestTac
Entries 59715

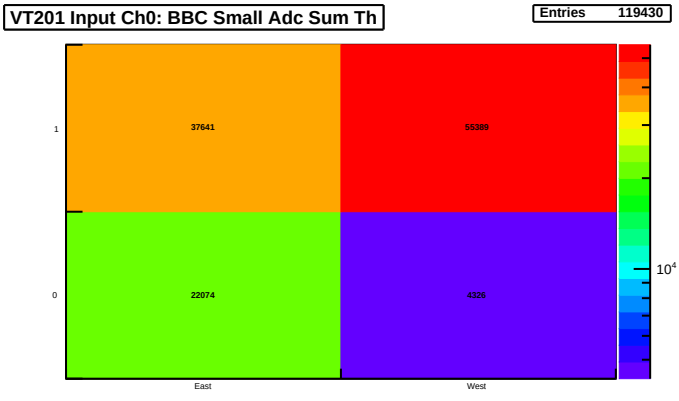

zdcWestTacVsSimu
Entries 0
Data
Simu

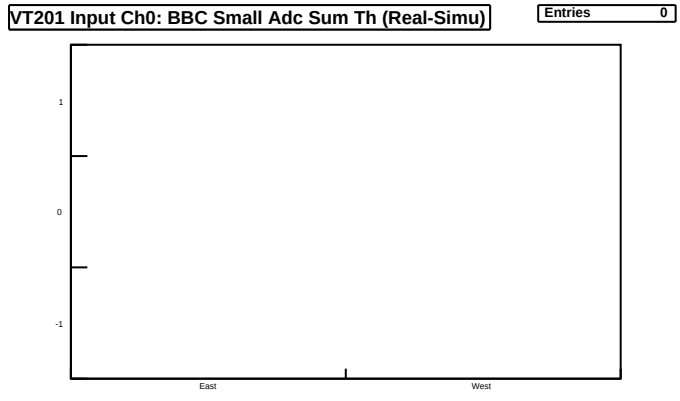

zdcAdcSum
Entries 716580
5123
641
2
1
13169
818
7
7
7
6
54592
58074
59713
59714
59715
59715
46546
58897
59708
59708
59708
59709
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

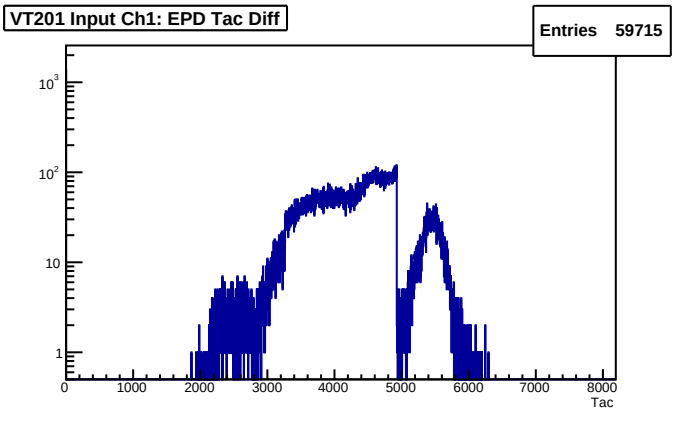

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

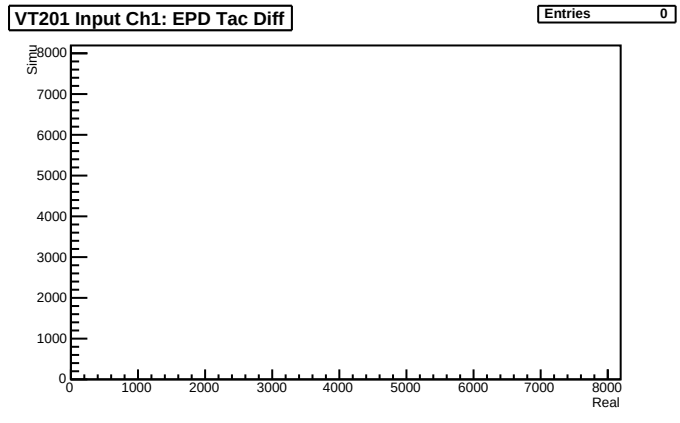

VT201 Input Ch0: BBC Small Tac Diff
Entries 59715
Tac

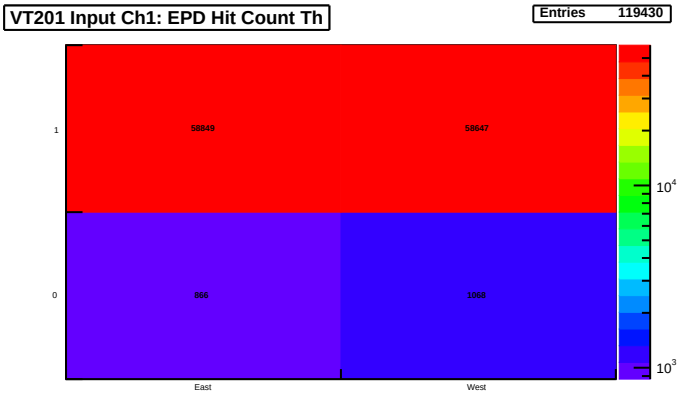

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

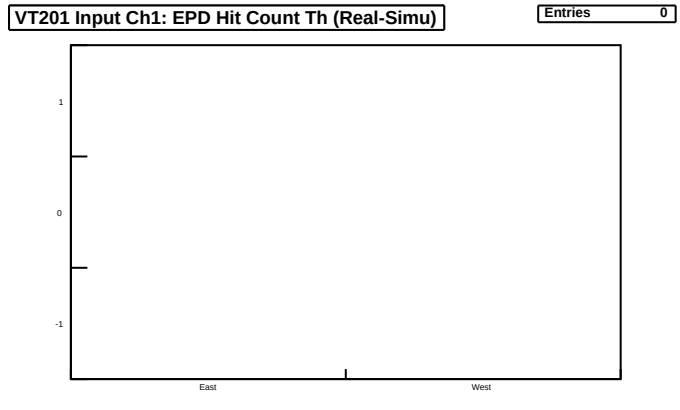

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 119430
37641
55389
22074
4326
East
West

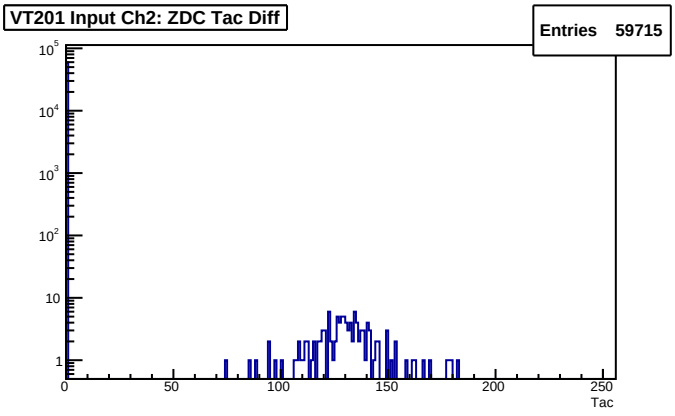

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

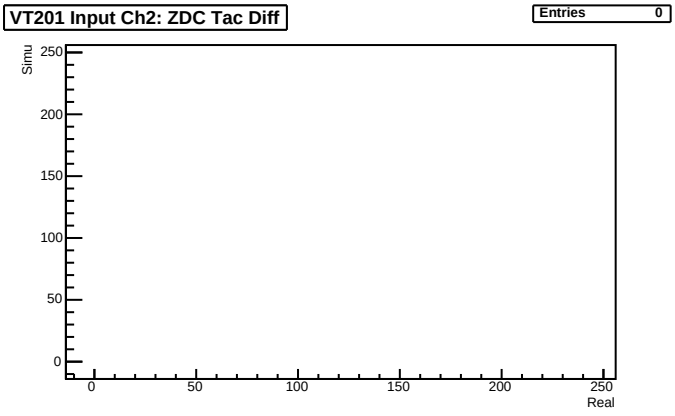

VT201 Input Ch1: EPD Tac Diff
Entries 59715
Tac

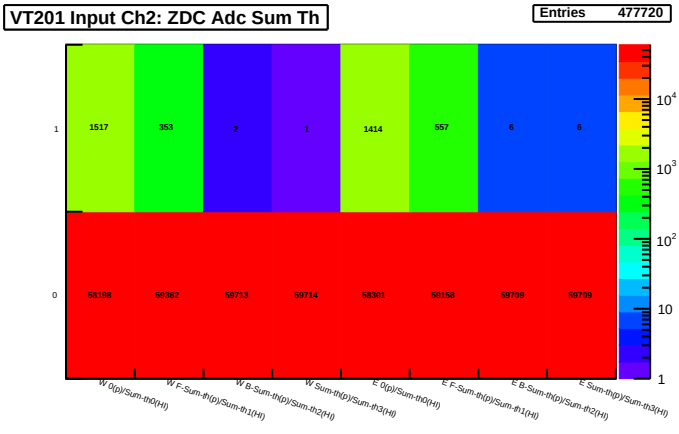

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

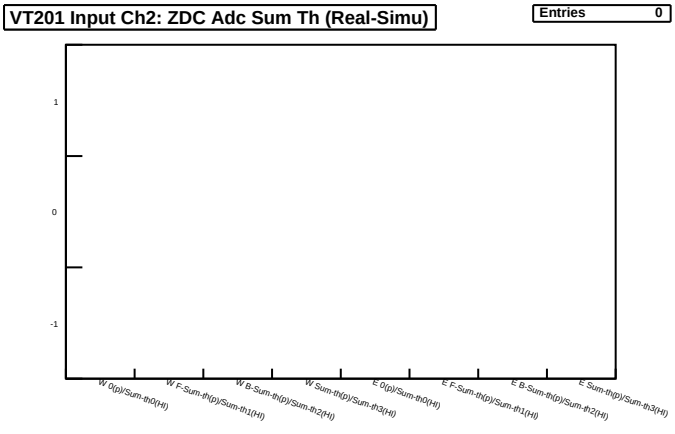

VT201 Input Ch1: EPD Hit Count Th
Entries 119430
58849
58647
866
1068
East
West

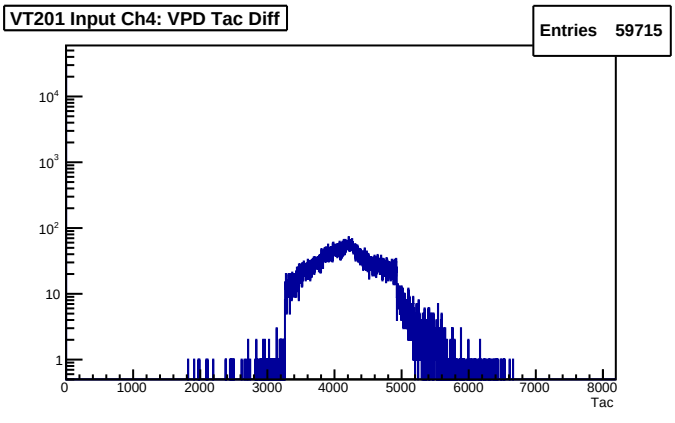

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

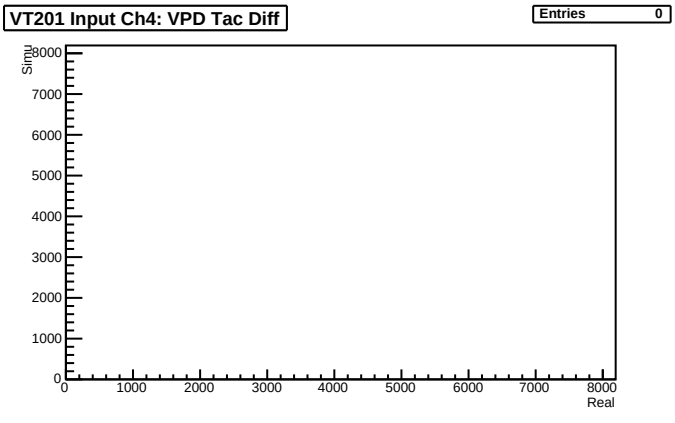

VT201 Input Ch2: ZDC Tac Diff
Entries 59715
Tac

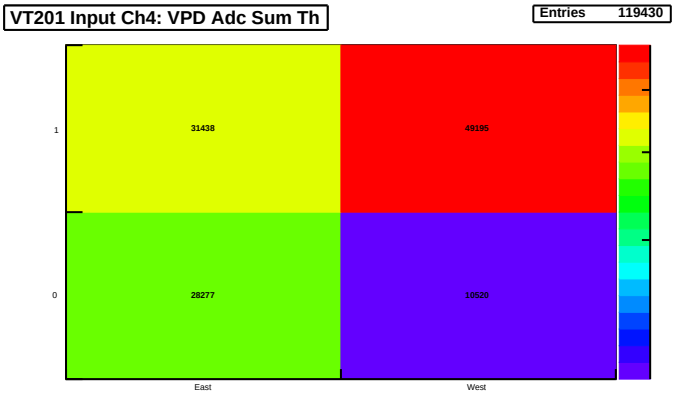

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

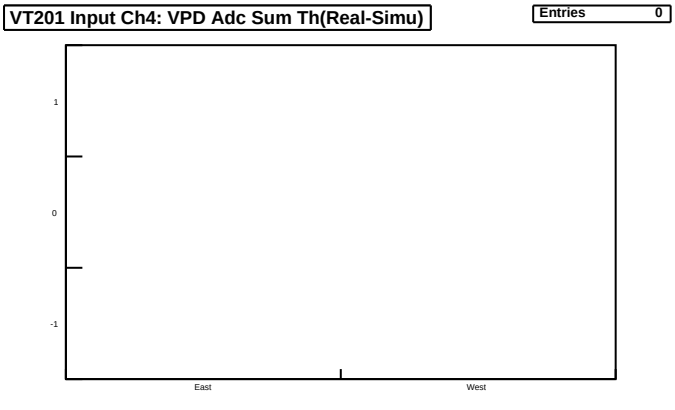

VT201 Input Ch2: ZDC Adc Sum Th
Entries 477720
1517
353
2
1
1414
557
6
6
58198
59362
59713
59714
58301
59158
59709
59709
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

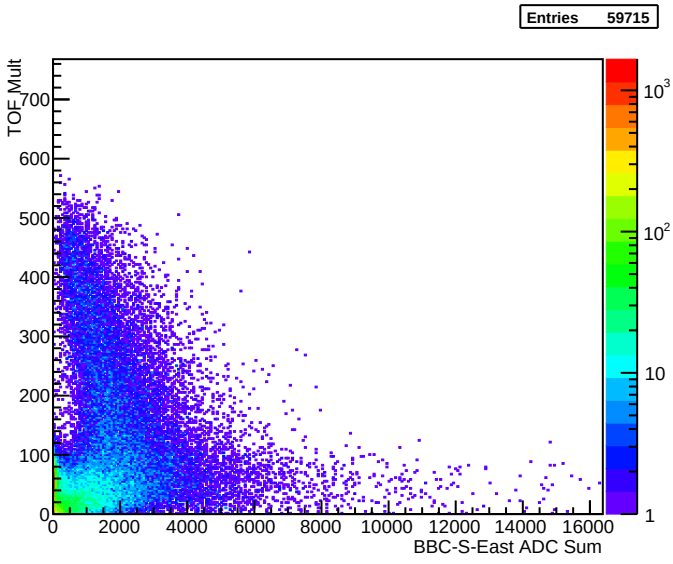

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

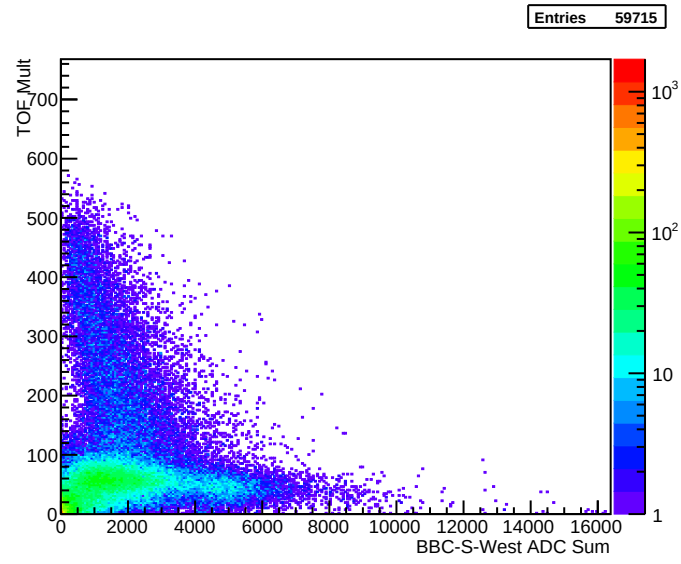

VT201 Input Ch4: VPD Tac Diff
Entries 59715
Tac

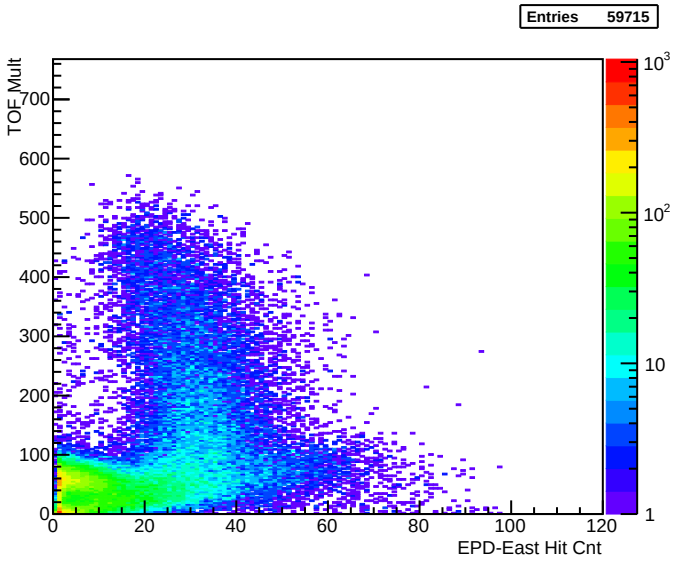

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

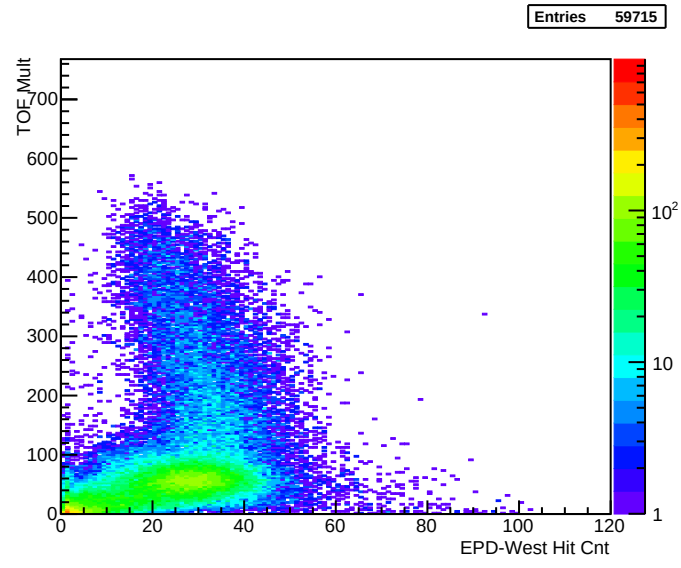

VT201 Input Ch4: VPD Adc Sum Th
Entries 119430
31438
49195
28277
10520
East
West

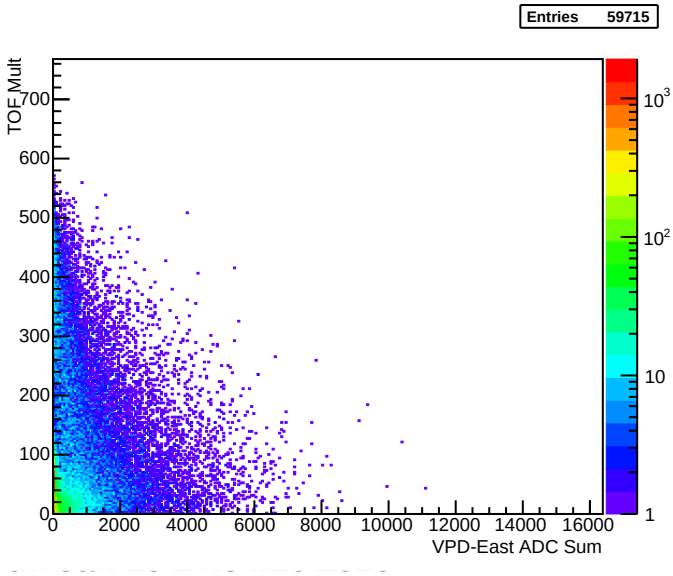

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

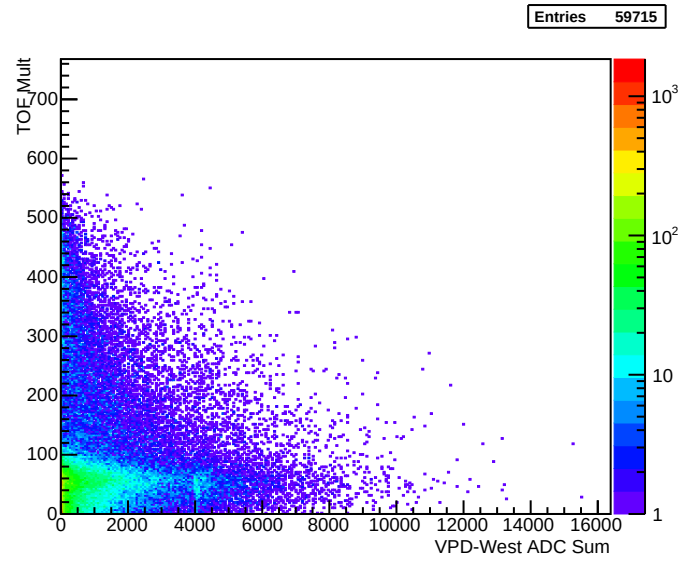

Entries 59715
TOF_Mult
BBC-S-East ADC Sum

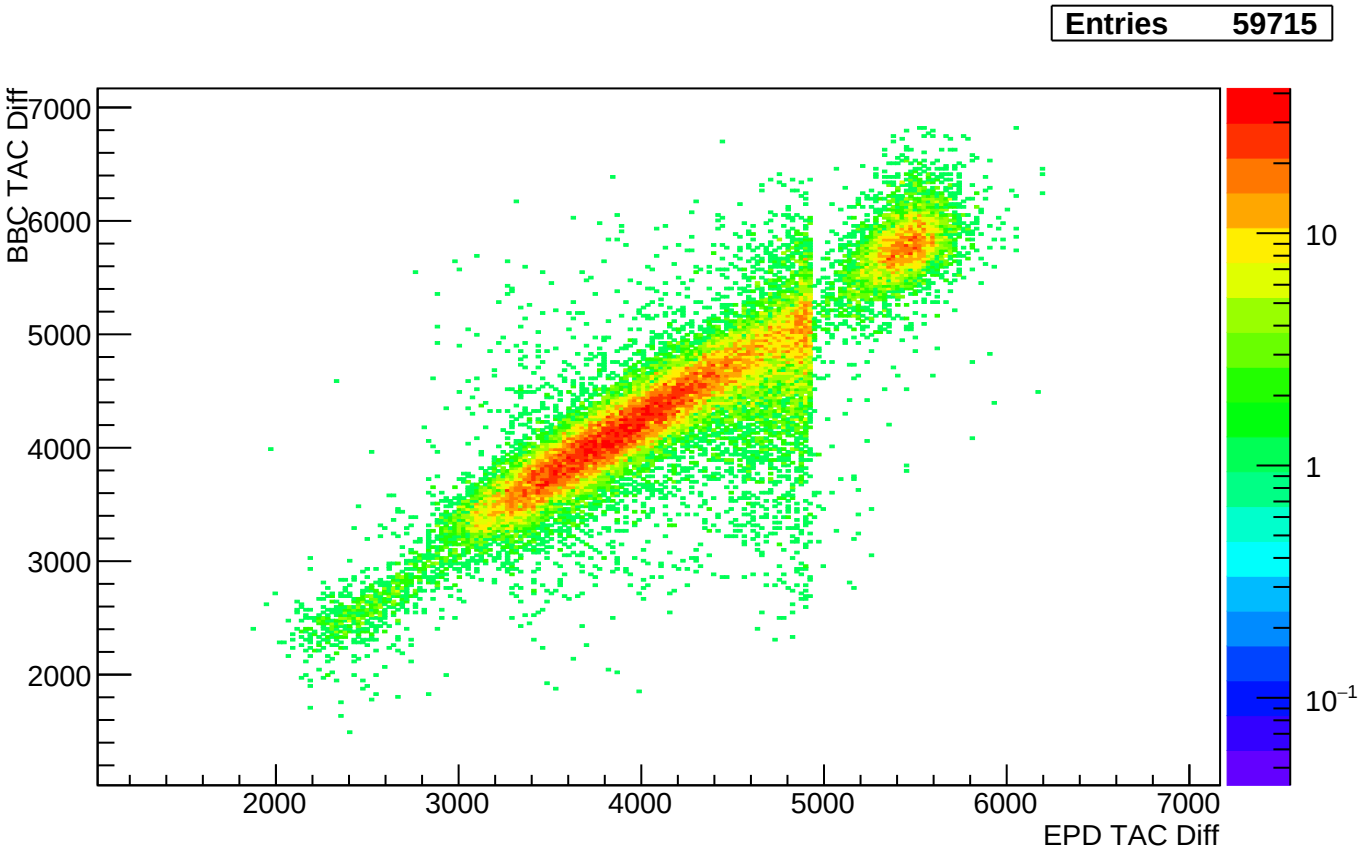

Entries 59715
TOF_Mult
BBC-S-West ADC Sum

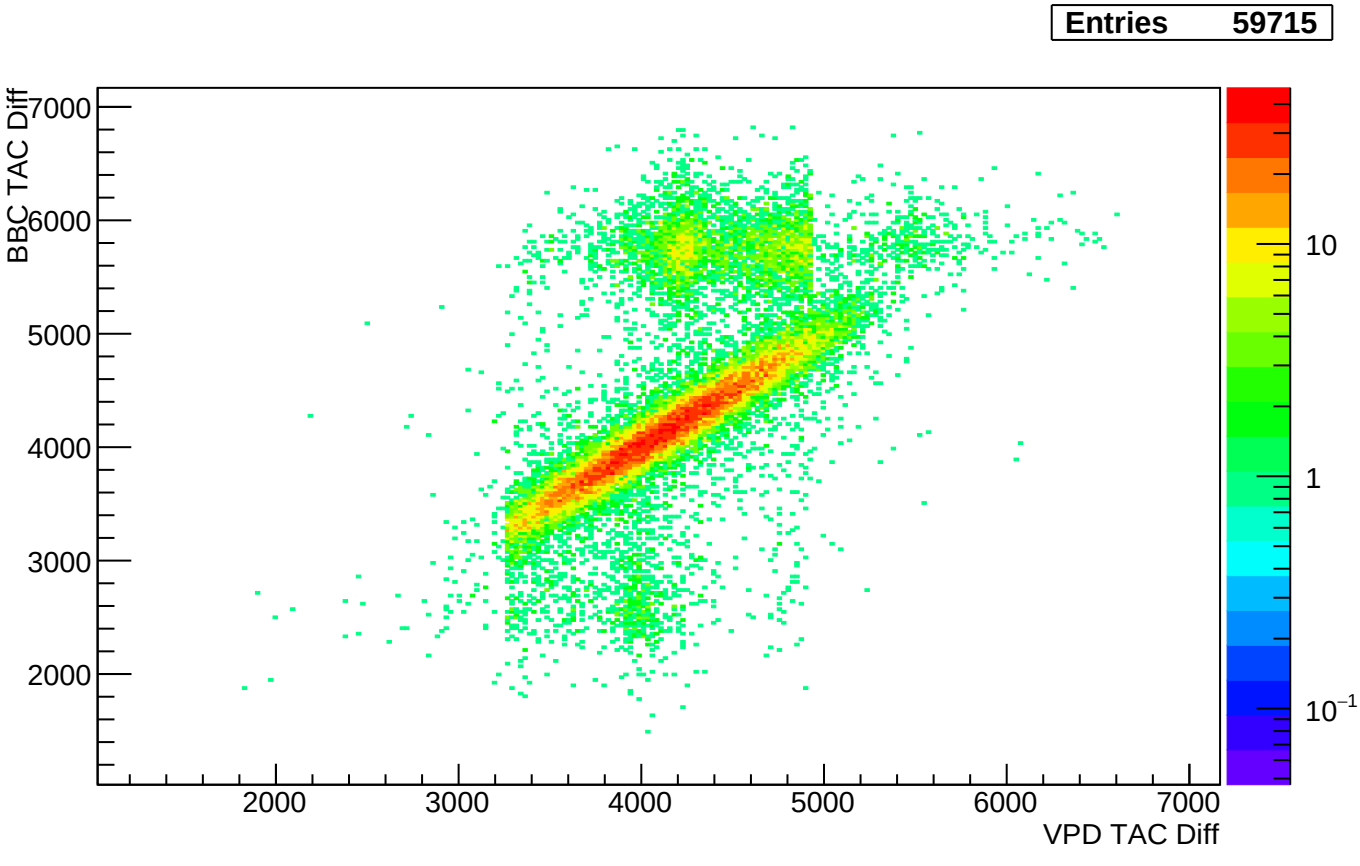

Entries 59715
TOF_Mult
EPD-East Hit Cnt

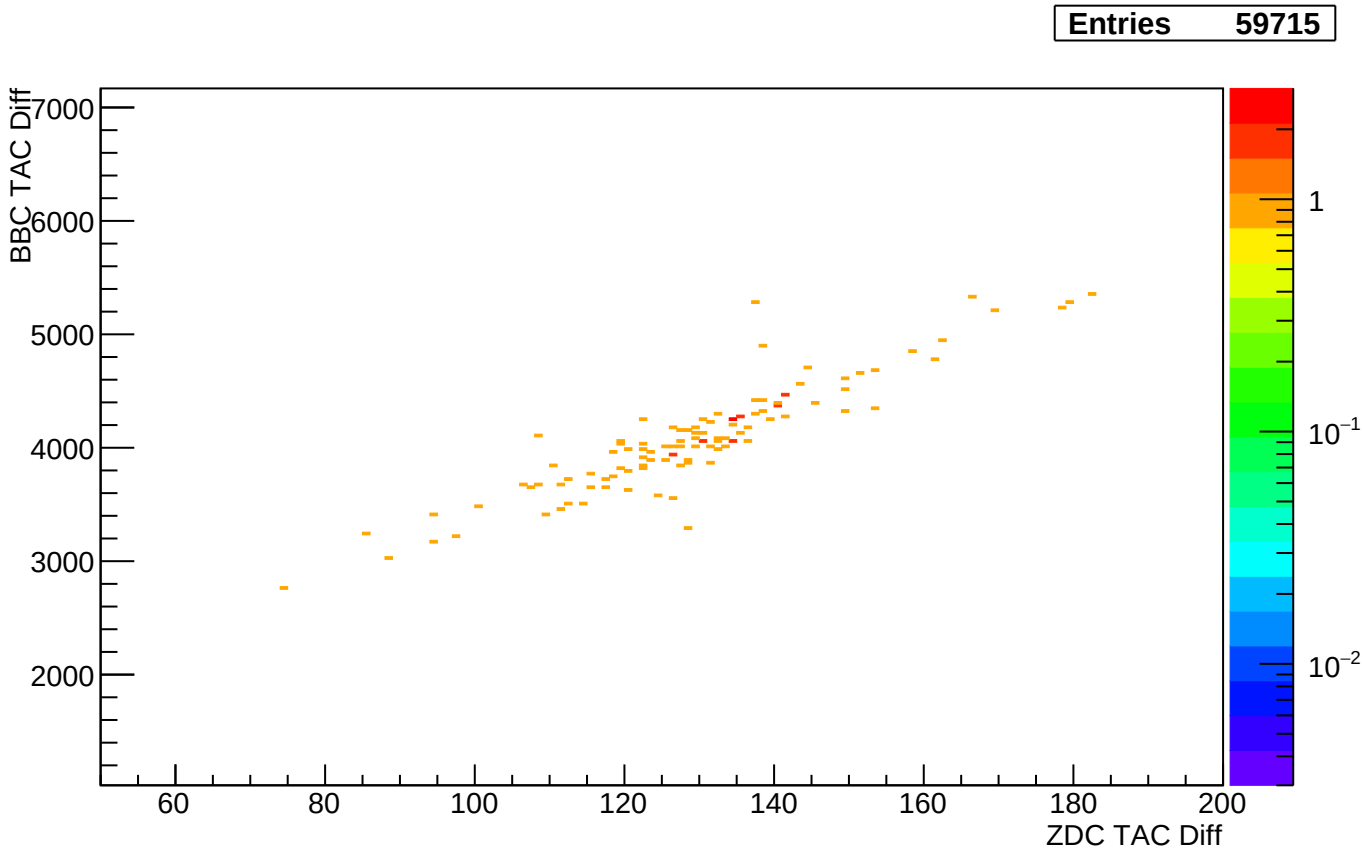

Entries 59715
TOF_Mult
EPD-West Hit Cnt

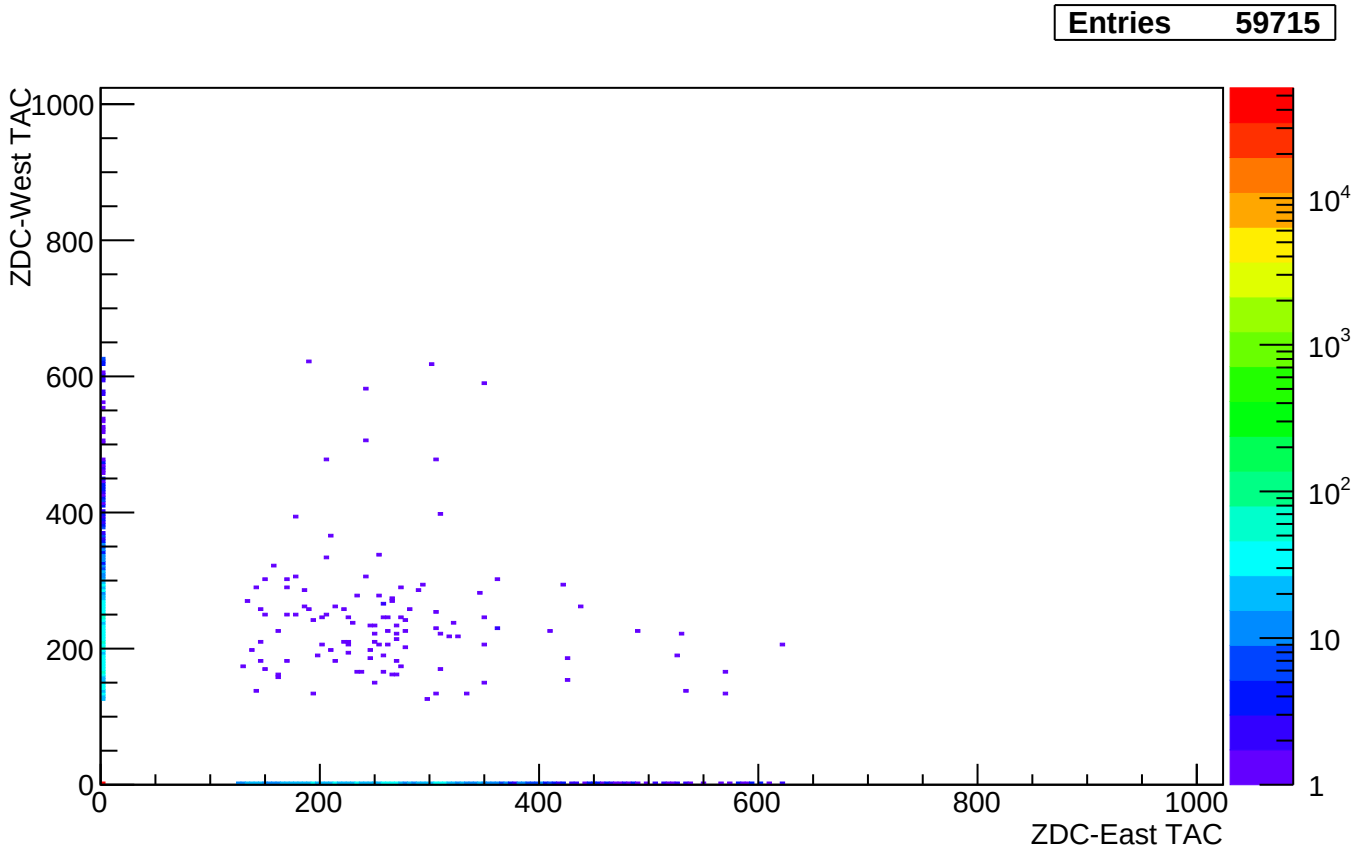

Entries 59715
TOF_Mult
VPD-East ADC Sum

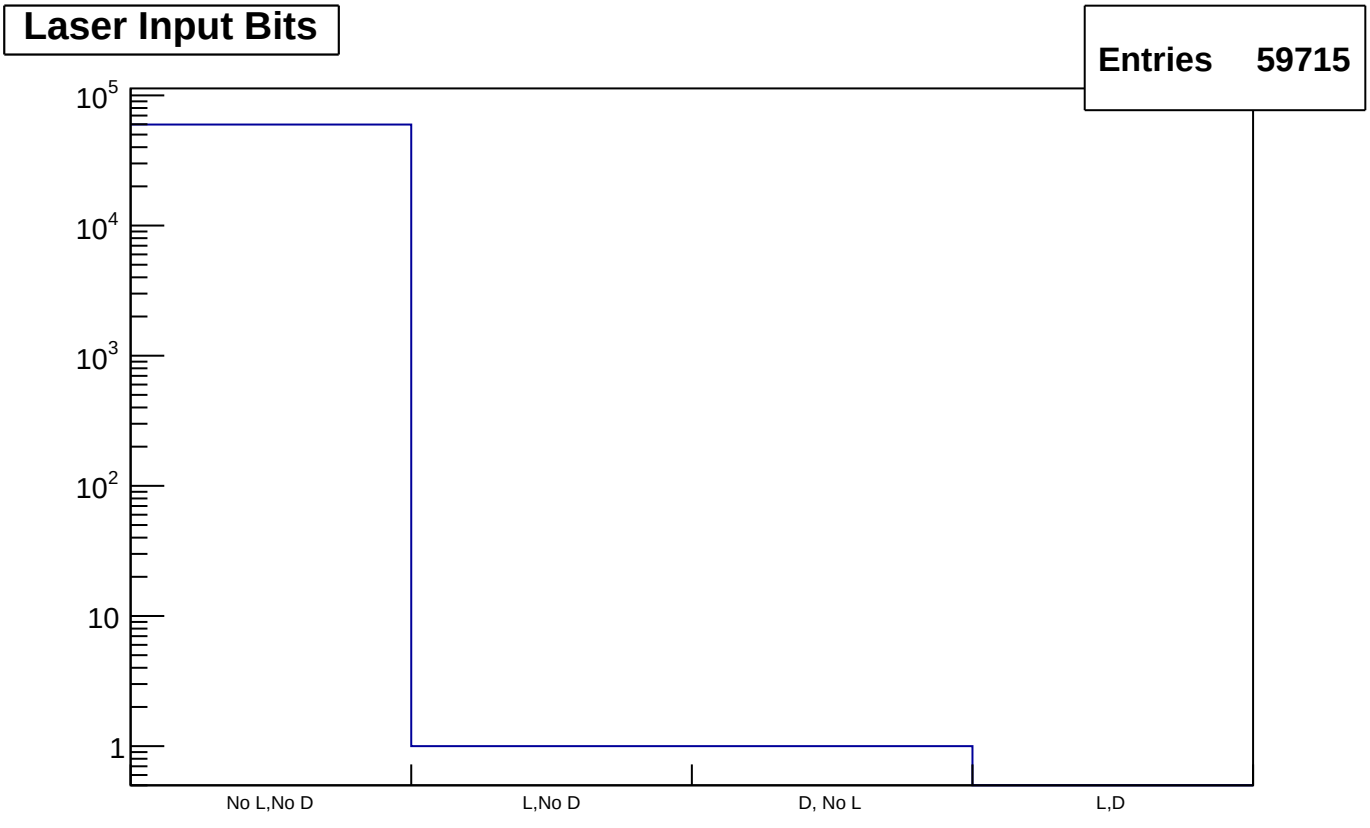

Entries 59715
TOF_Mult
VPD-West ADC Sum

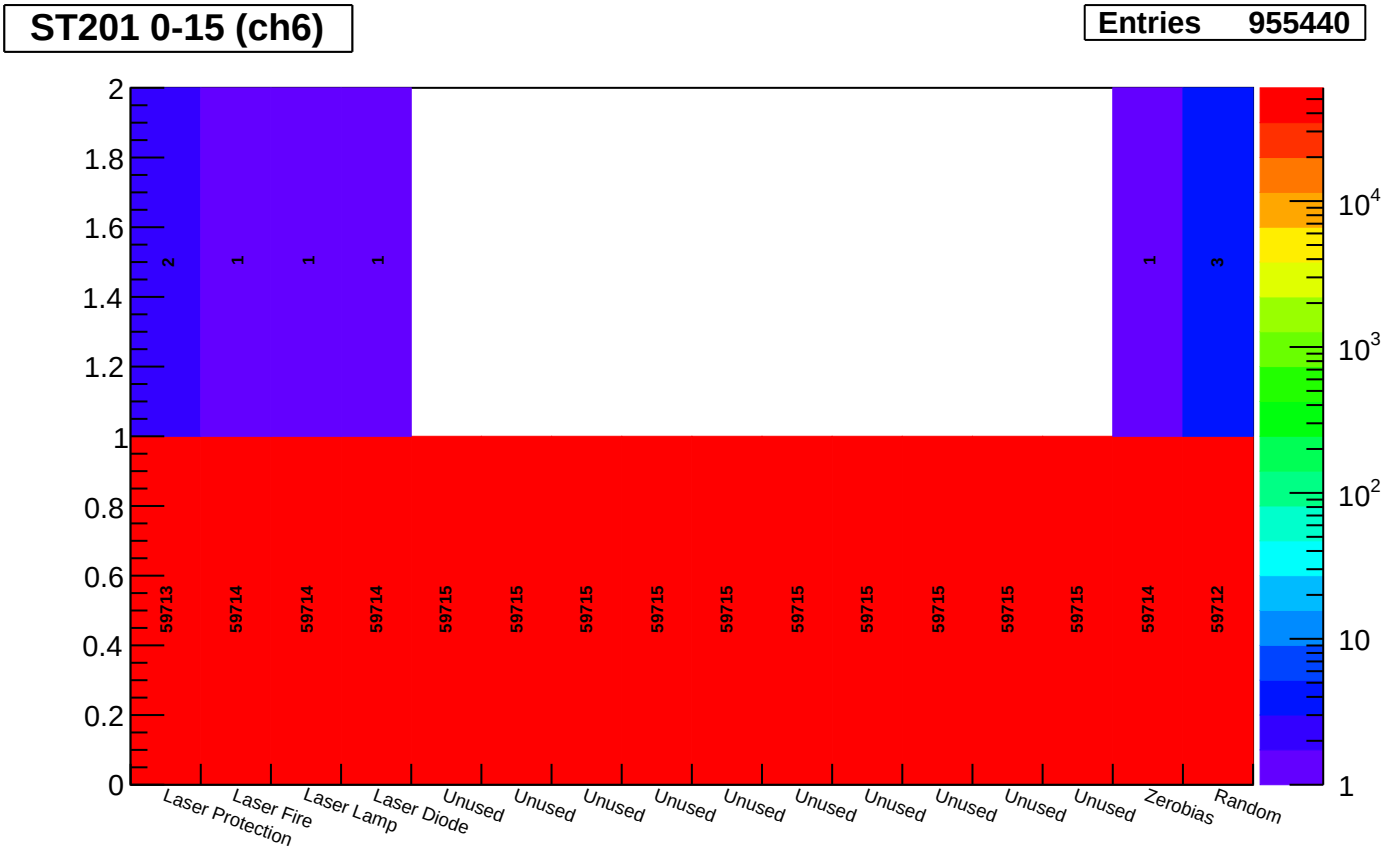

Entries 59715
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10
1
10^{-1}

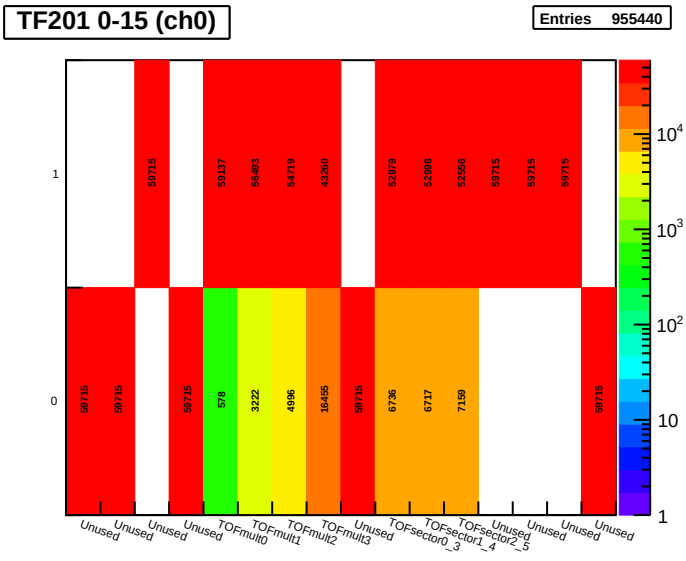

Entries 59715
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}

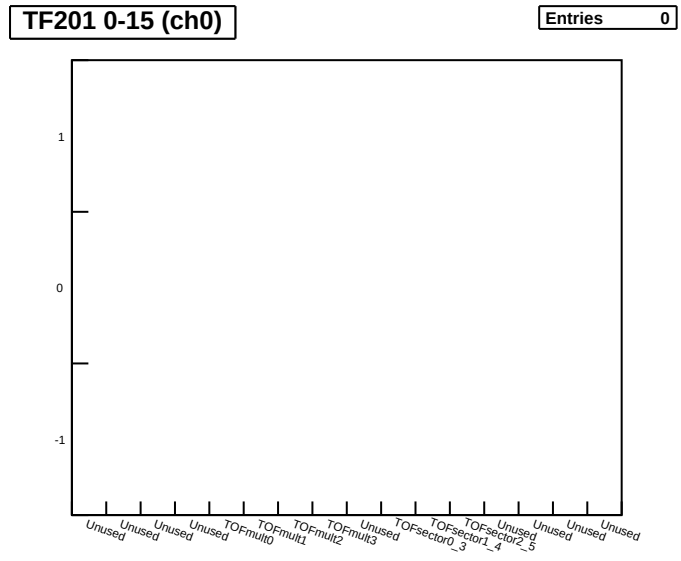

Entries 59715
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

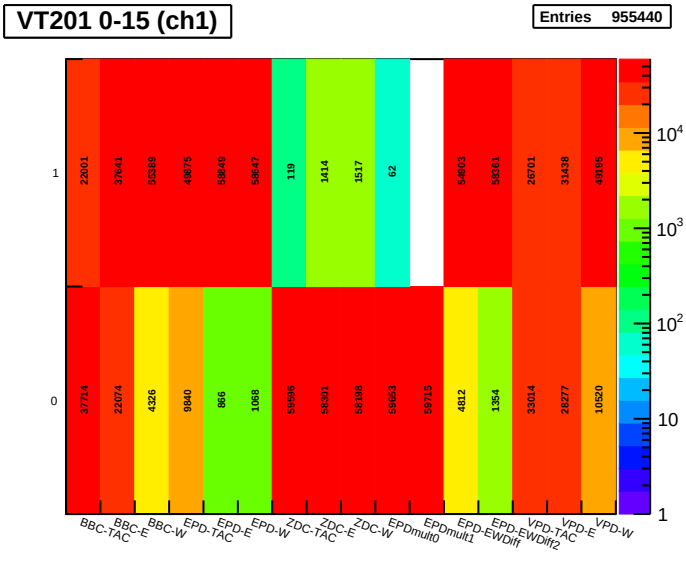

Entries 59715
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

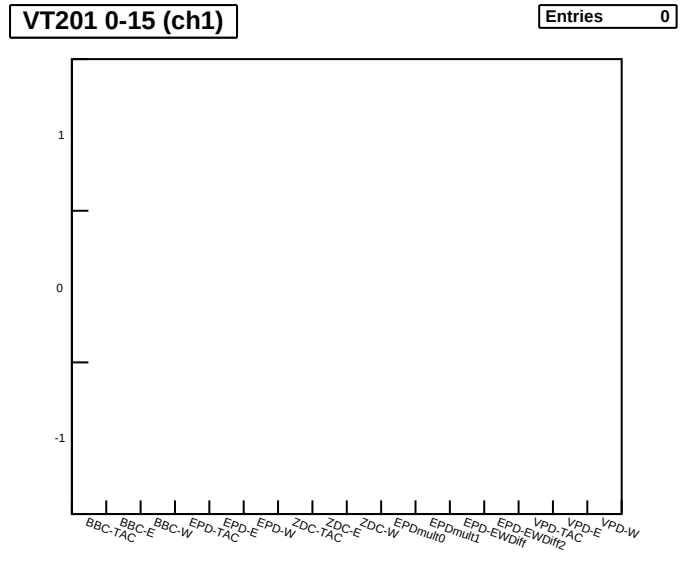

Laser Input Bits
Entries 59715
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

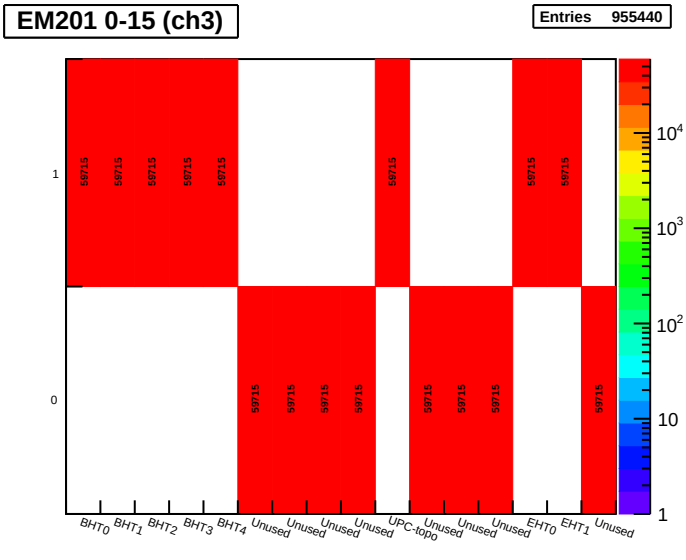

ST201 0-15 (ch6)
Entries 955440
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2
1
1
1
1
3
59713
59714
59714
59714
59715
59715
59715
59715
59715
59715
59715
59715
59715
59715
59714
59712
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^4
10^3
10^2
10
1

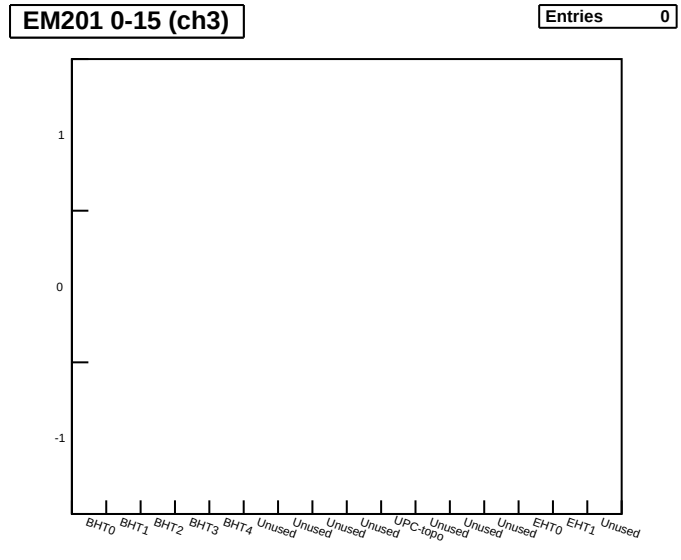

TF201 0-15 (ch0)
Entries 955440
1
0
59715
59137
56493
54719
43260
52979
52998
52556
59715
59715
59715
59715
59715
578
3222
4996
16455
59715
6736
6717
7159
59715
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 955440
1
0
22001
37641
55389
49875
58649
58647
119
1414
1517
62
54903
53361
26701
31438
49195
37714
22074
4326
9840
866
1068
59596
58301
58198
59653
59715
4812
1354
33014
28277
10520
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 955440
1
0
59715
59715
59715
59715
59715
59715
59715
59715
59715
59715
59715
59715
59715
59715
59715
59715
59715
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1