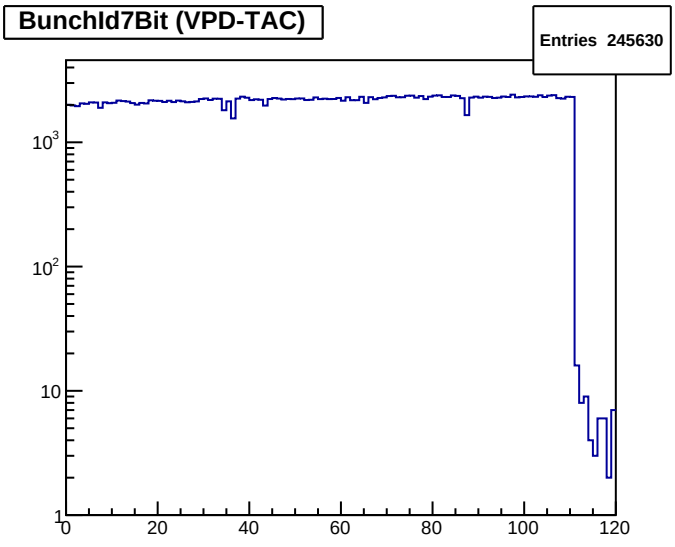
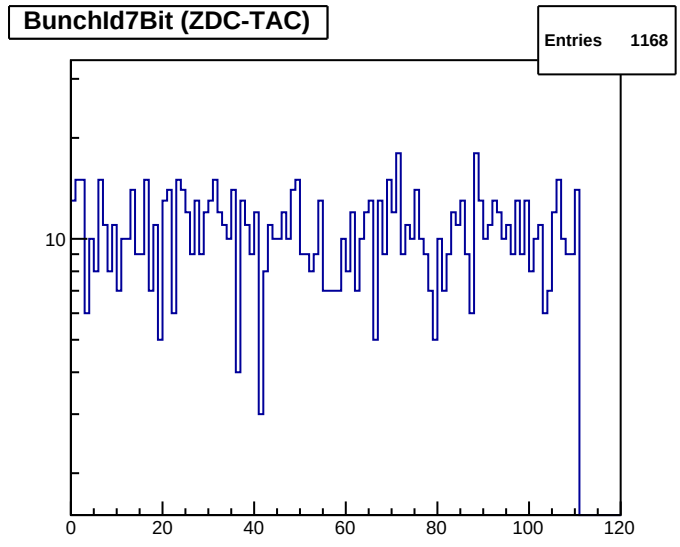
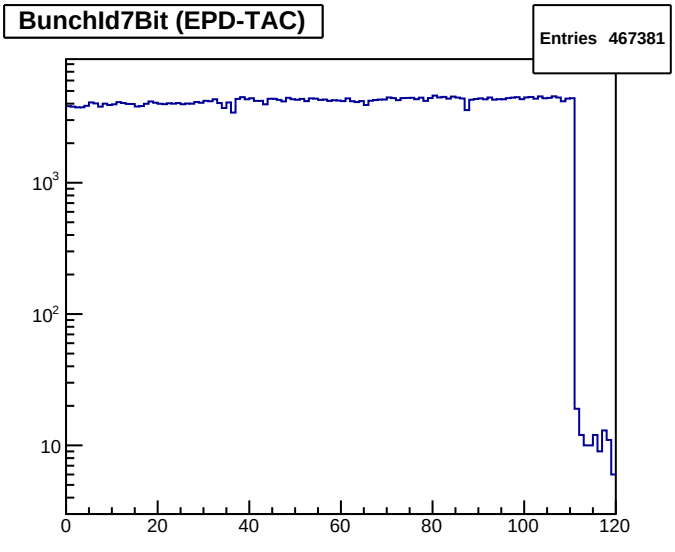
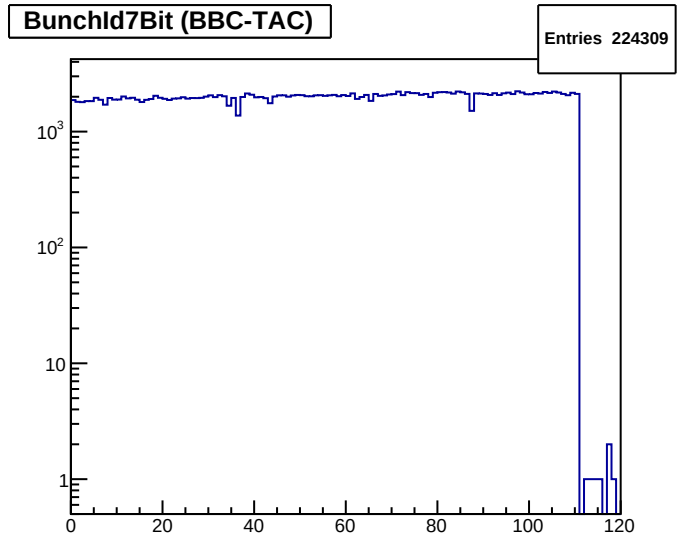
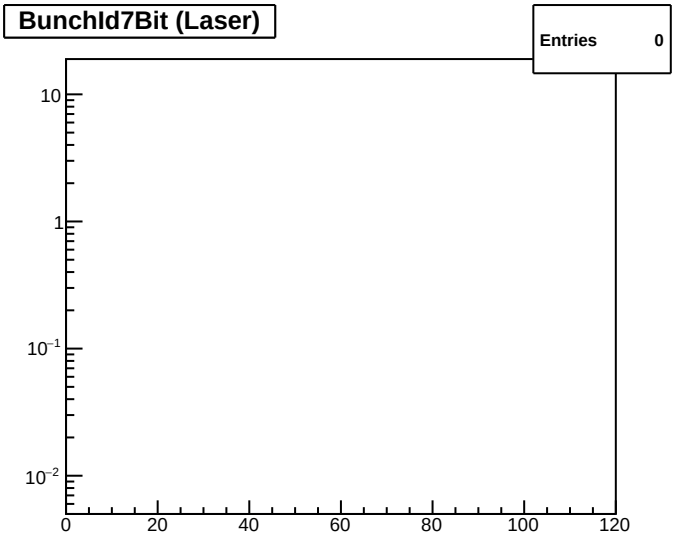
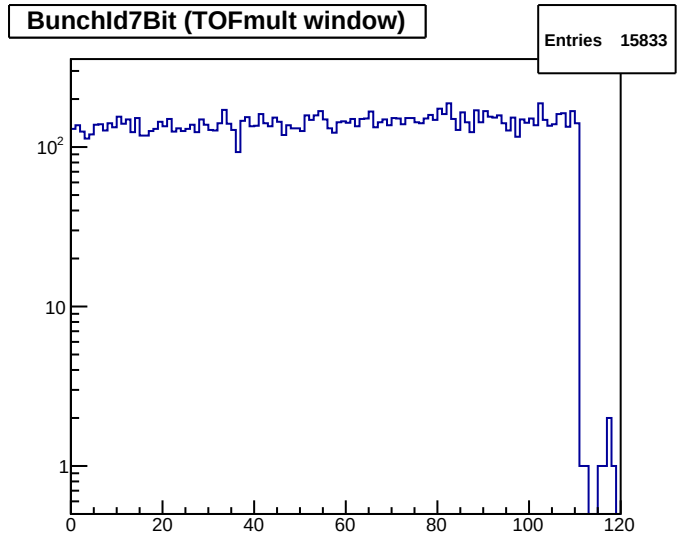

BunchId7Bit (VPD-TAC)
Entries 245630

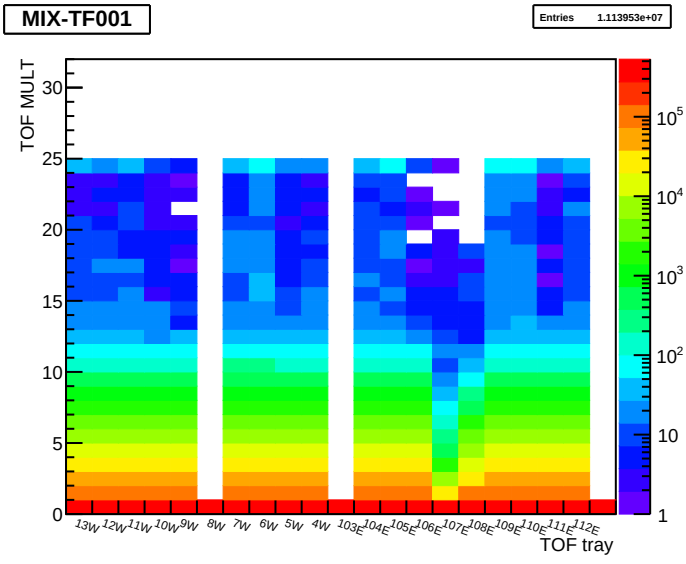

BunchId7Bit (ZDC-TAC)
Entries 1168

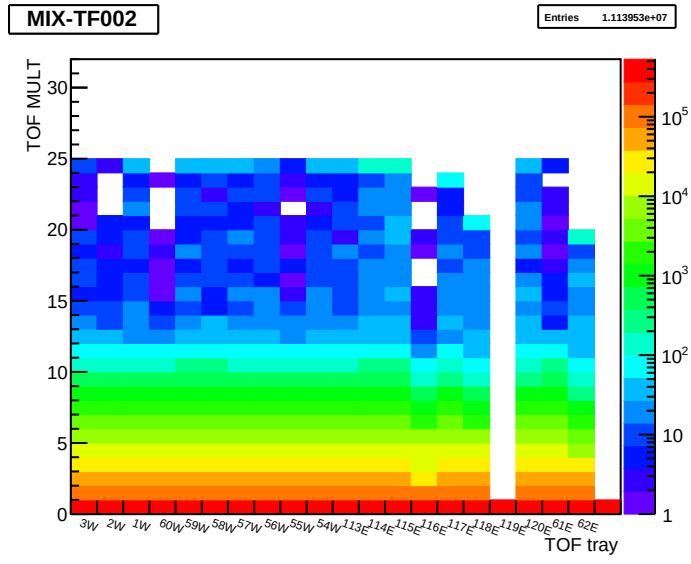

BunchId7Bit (EPD-TAC)
Entries 467381

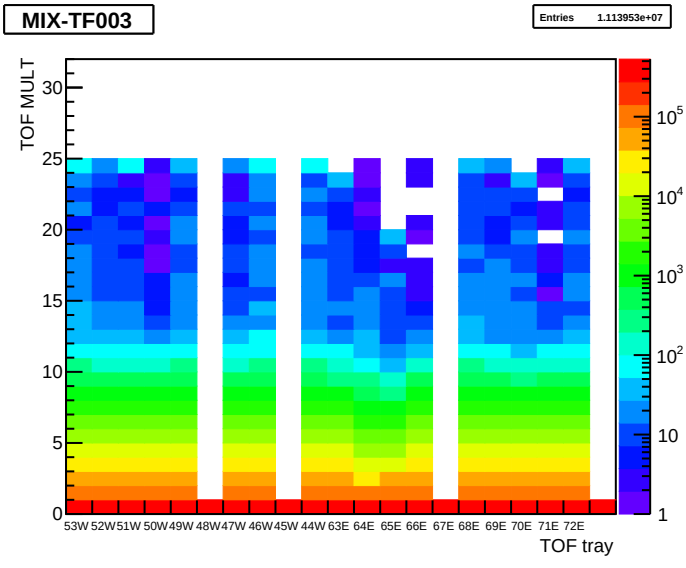

BunchId7Bit (BBC-TAC)
Entries 224309

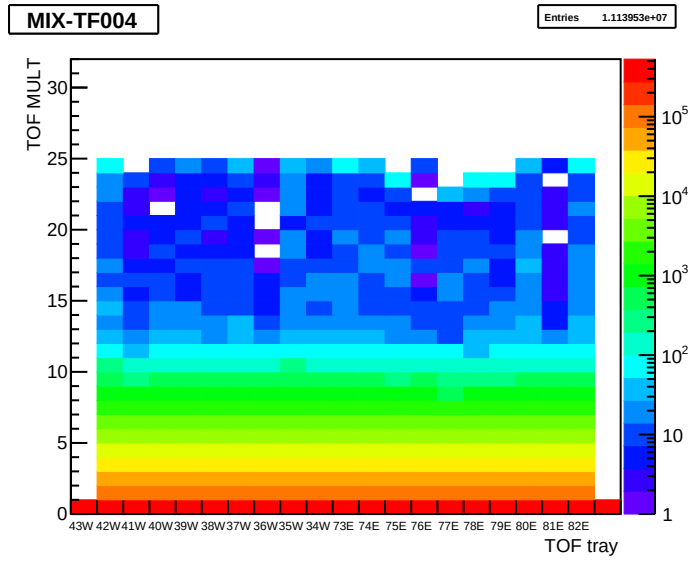

BunchId7Bit (Laser)
Entries 0

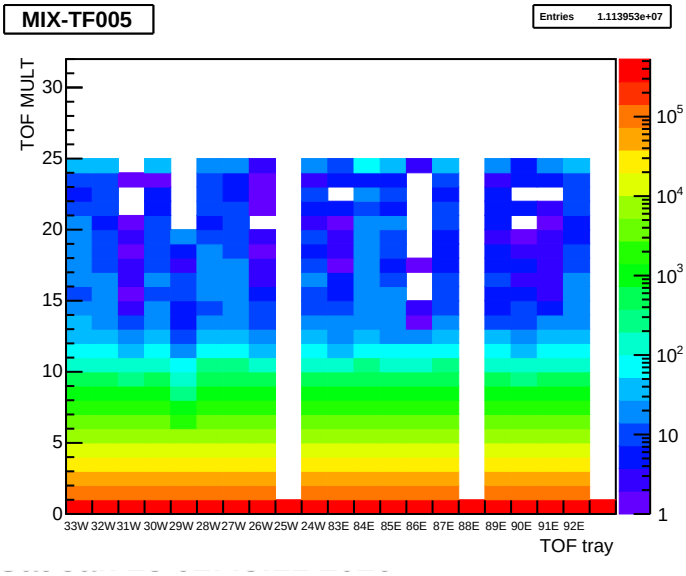

BunchId7Bit (TOFmult window)
Entries 15833

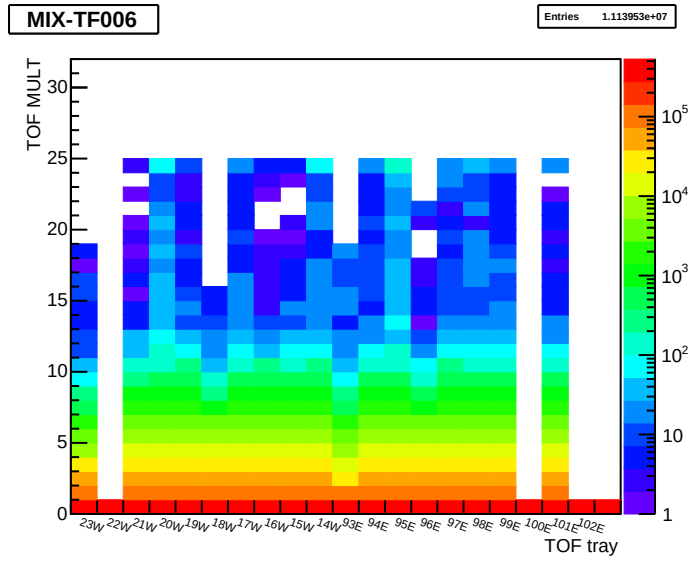

MIX-TF001
Entries 1.113953e+07
TOF MULT
TOF tray

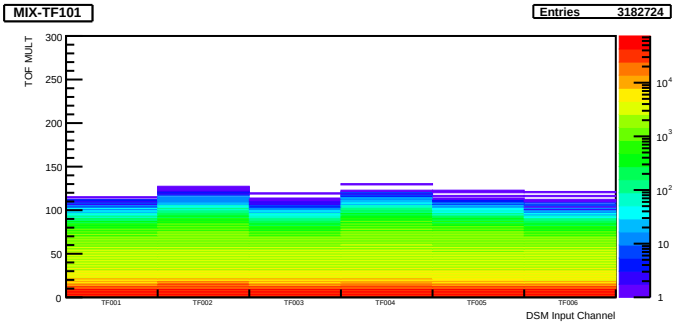

MIX-TF002
Entries 1.113953e+07
TOF MULT
TOF tray

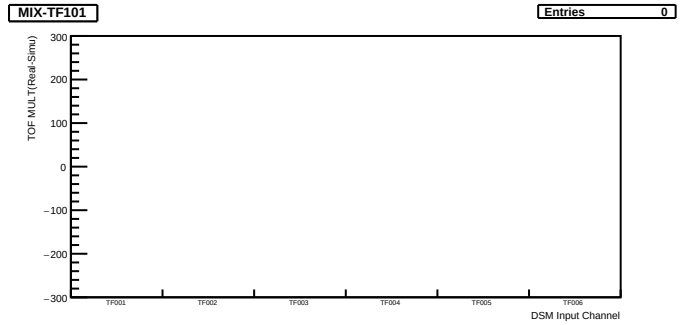

MIX-TF003
Entries 1.113953e+07
TOF MULT
TOF tray

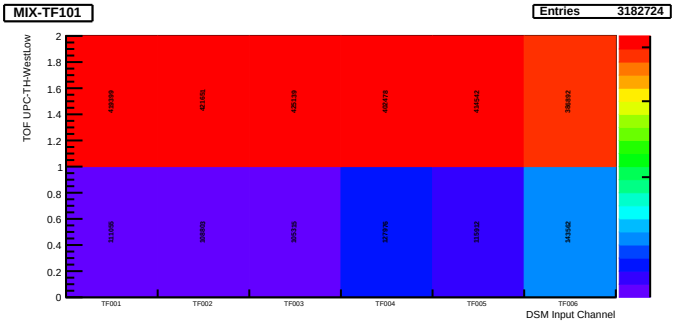

MIX-TF004
Entries 1.113953e+07
TOF MULT
TOF tray

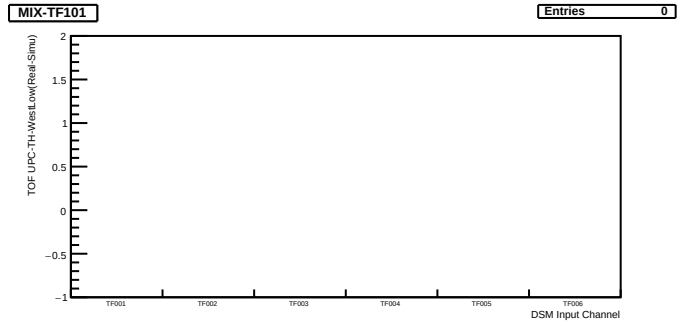

MIX-TF005
Entries 1.113953e+07
TOF MULT
TOF tray

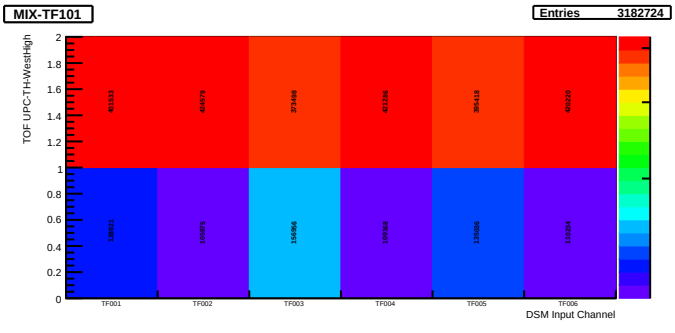

MIX-TF006
Entries 1.113953e+07
TOF MULT
TOF tray

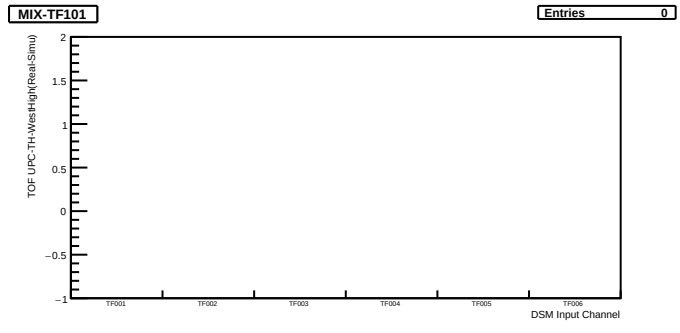

MIX-TF101
Entries 3182724
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

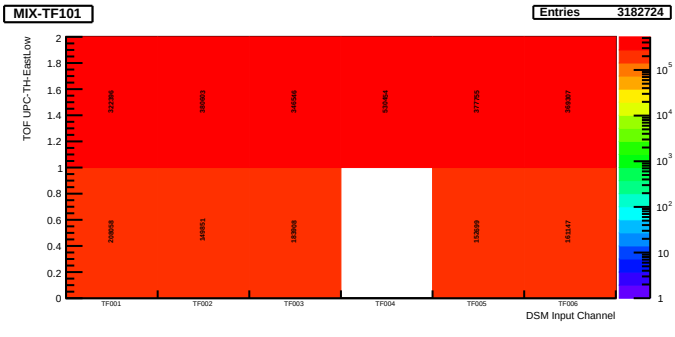

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

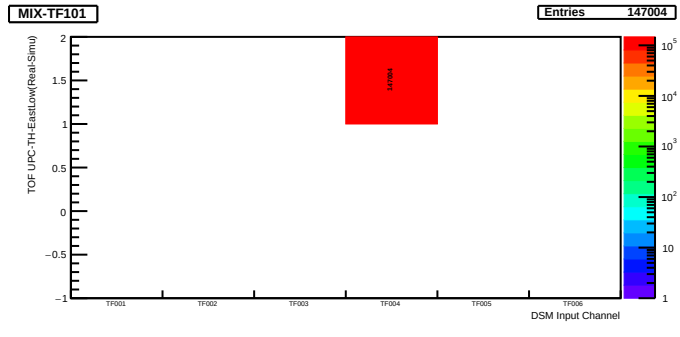

MIX-TF101
Entries 3182724
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

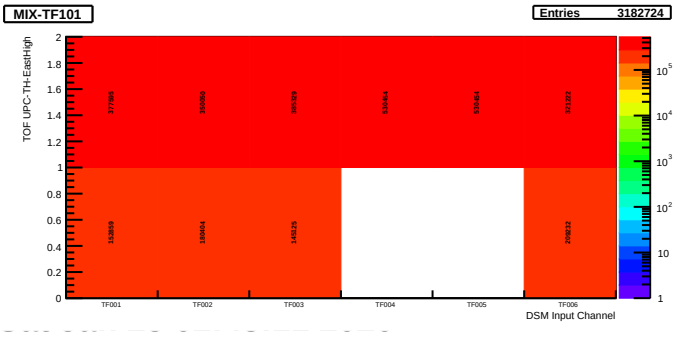

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

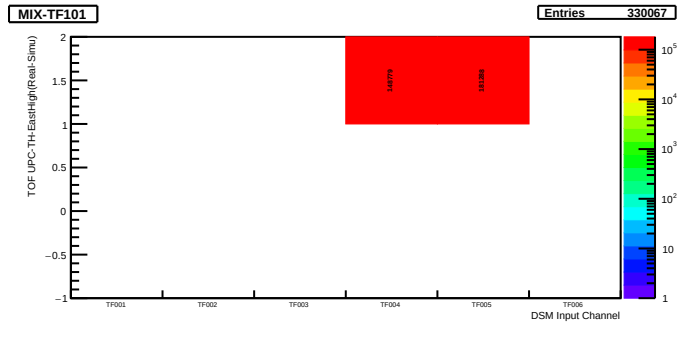

MIX-TF101
Entries 3182724
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

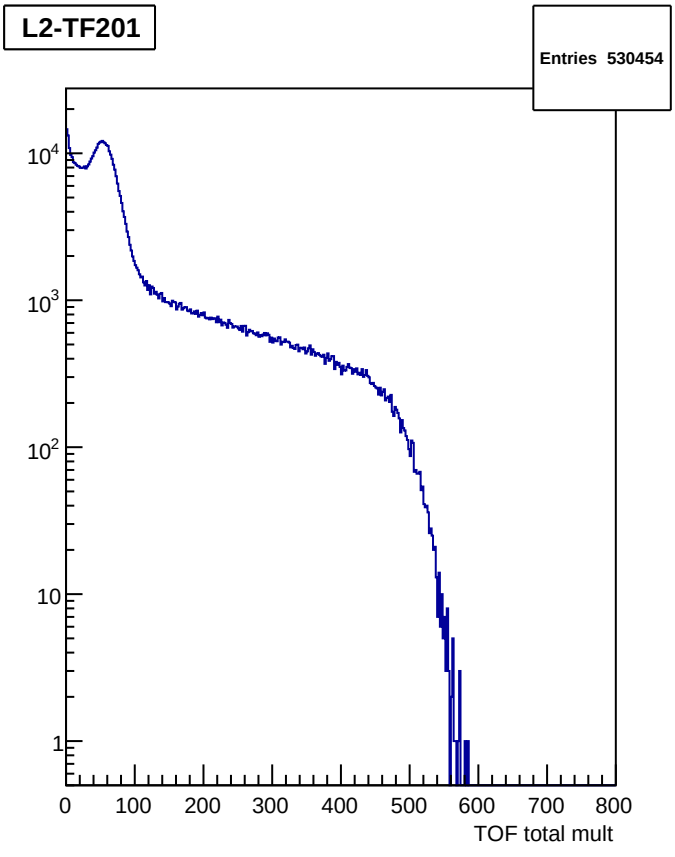

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

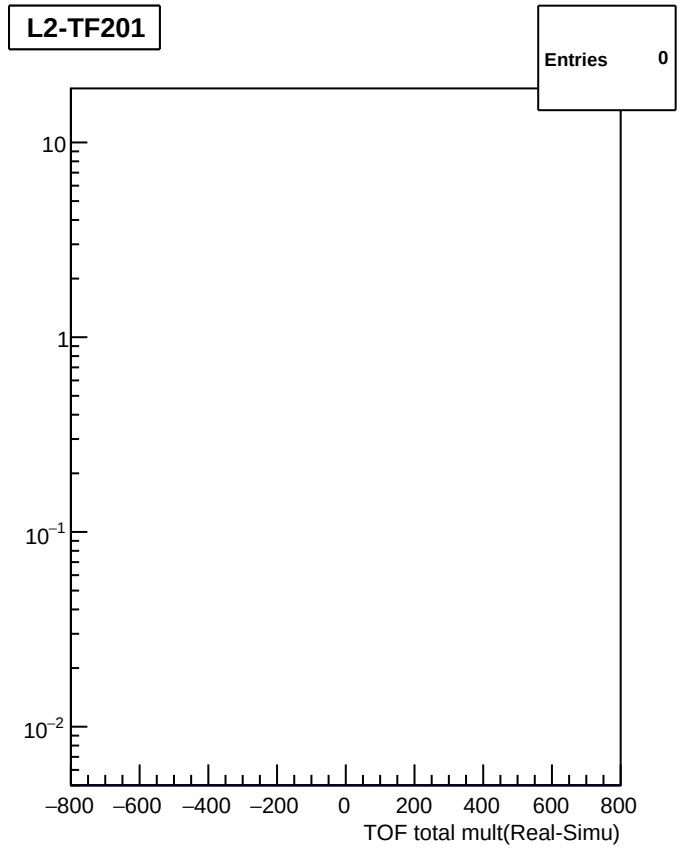

MIX-TF101
Entries 3182724
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

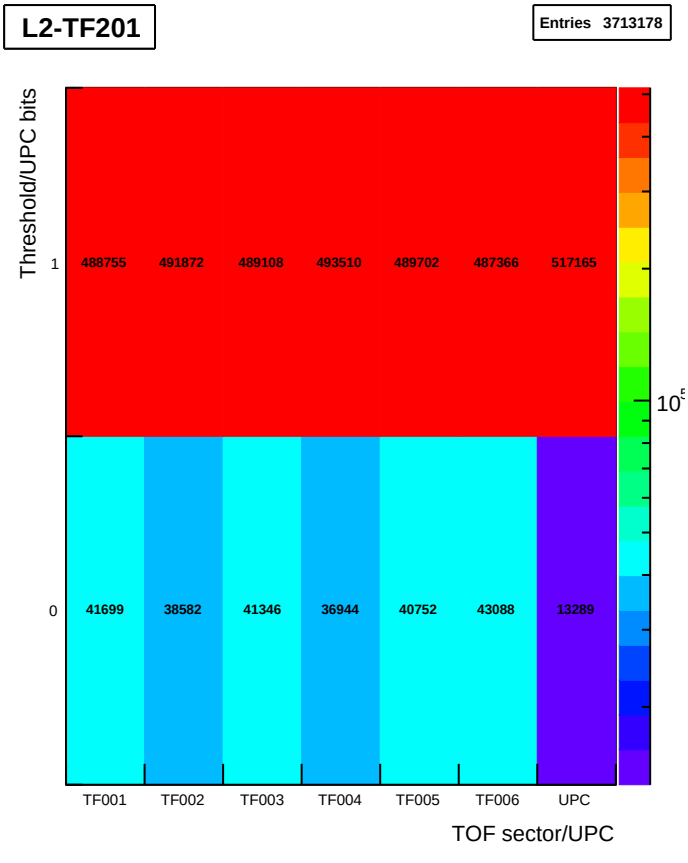

MIX-TF101
Entries 147004
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

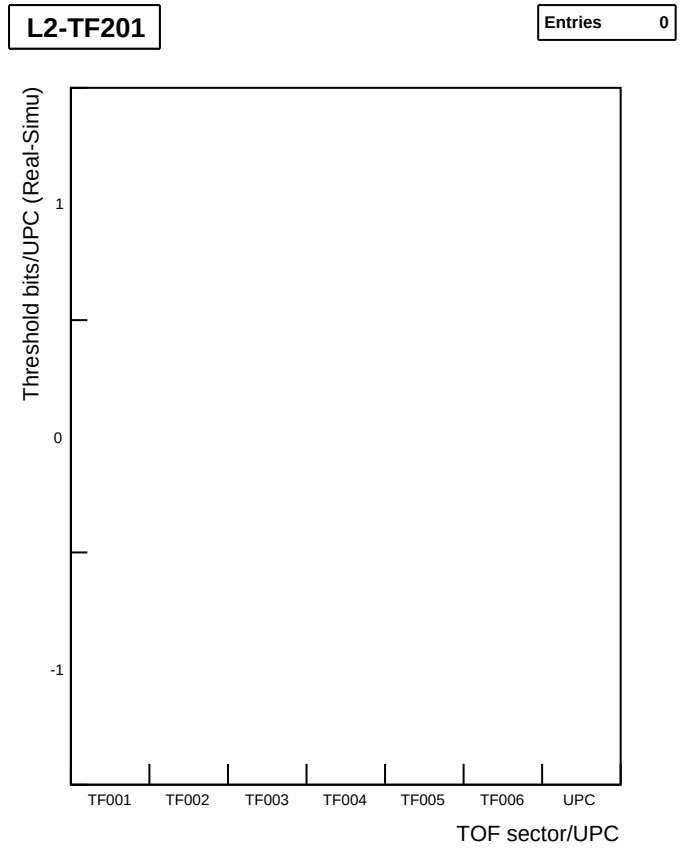

MIX-TF101
Entries 3182724
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

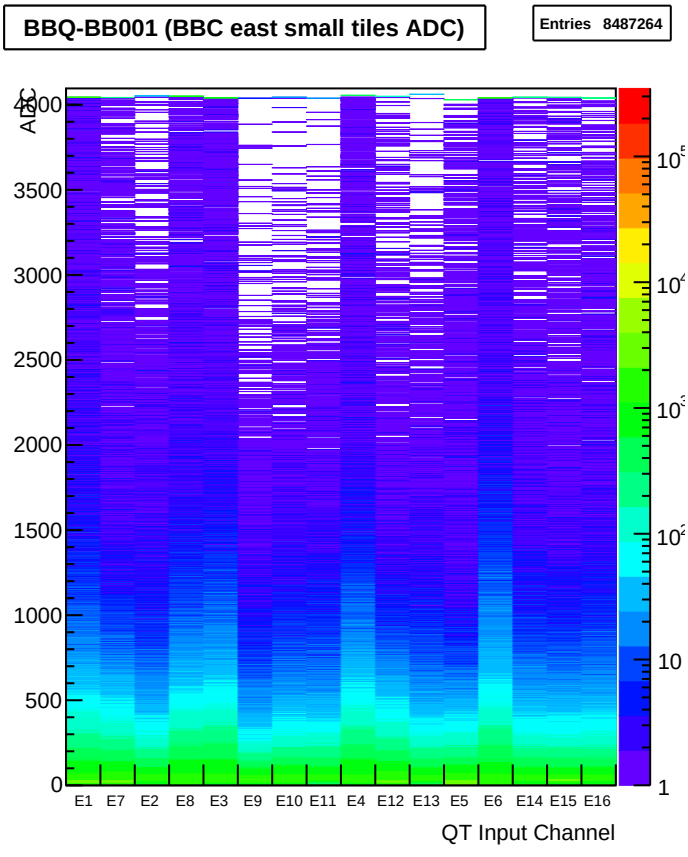

MIX-TF101
Entries 330067
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

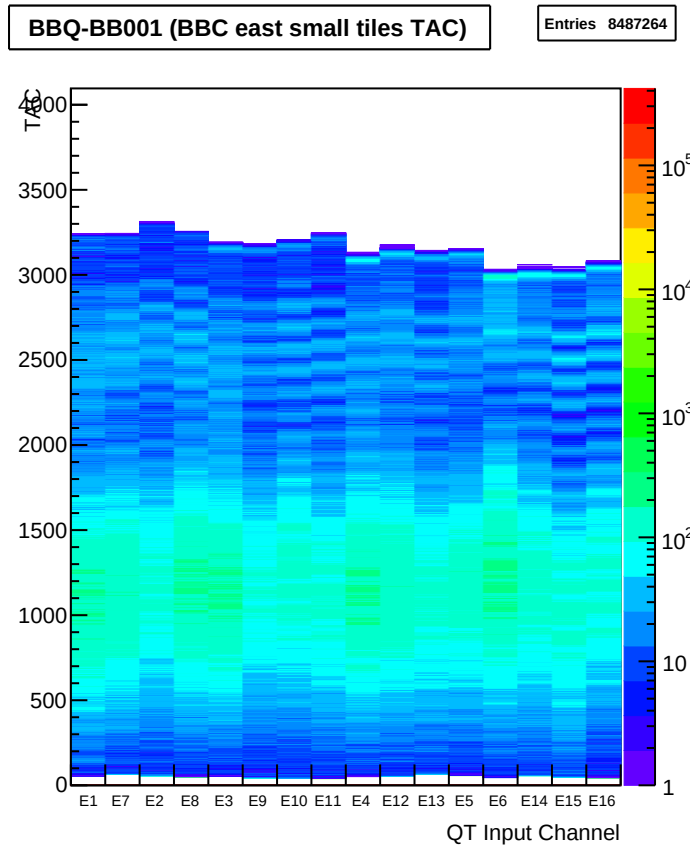

L2-TF201
Entries 530454
TOF total mult

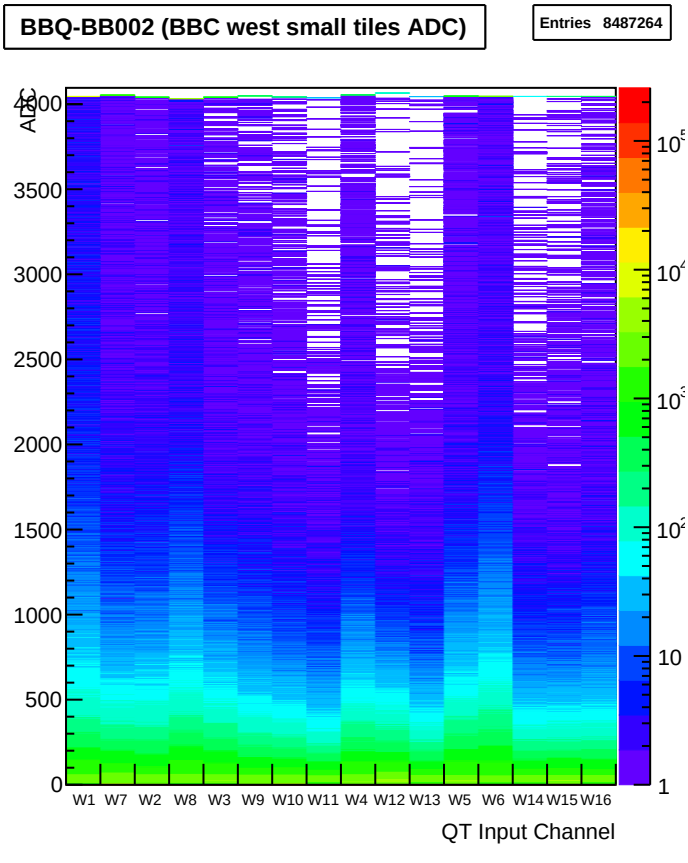

L2-TF201
Entries 0
TOF total mult(Real-Simu)

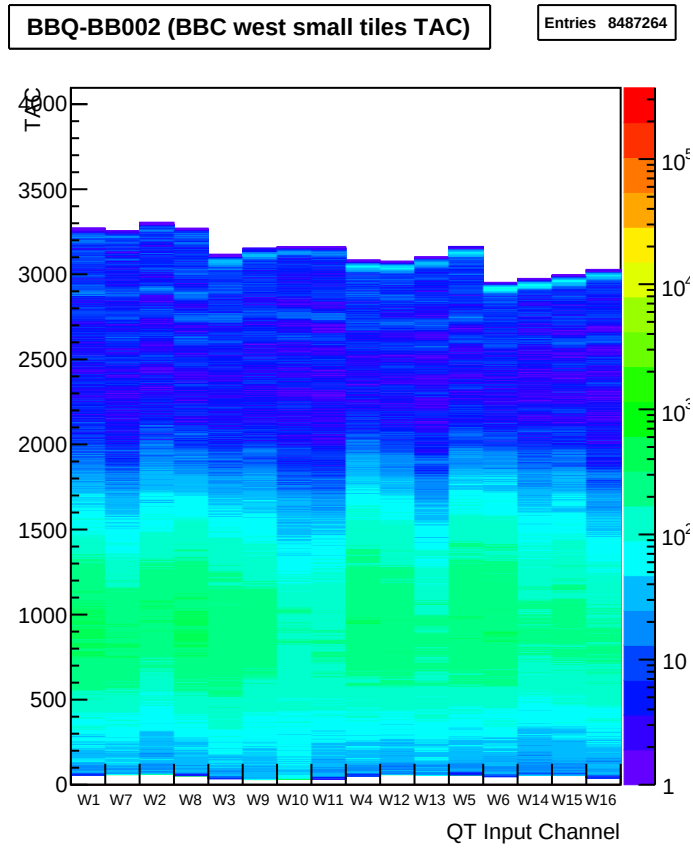

L2-TF201
Entries 3713178
Threshold/UPC bits
488755
491872
489108
493510
489702
487366
517165
41699
38582
41346
36944
40752
43088
13289
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

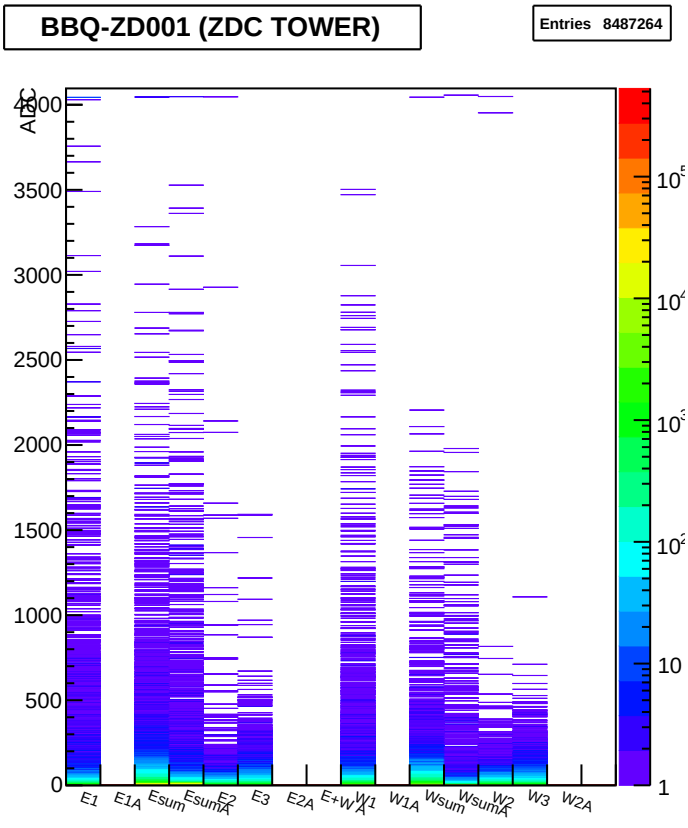

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

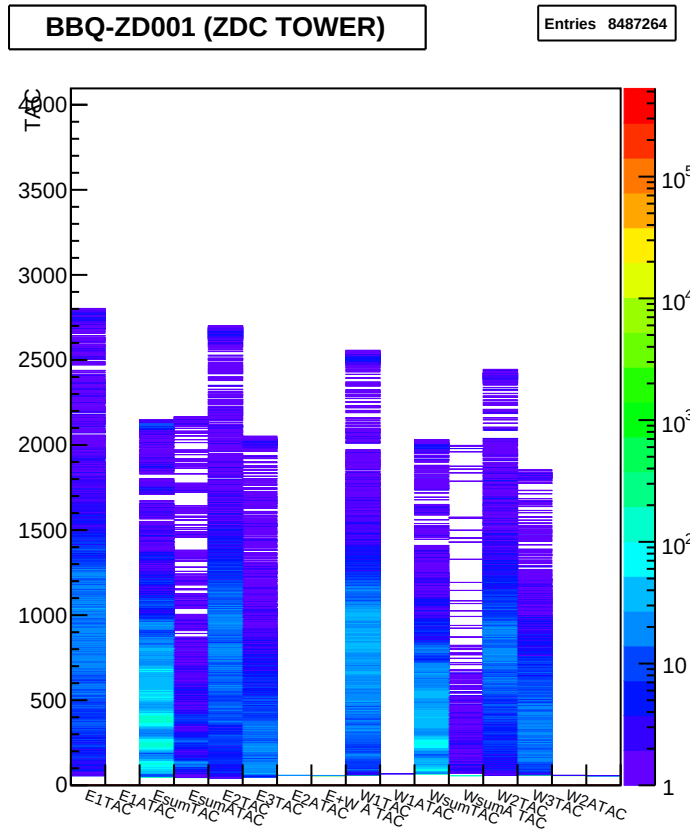

BBQ-BB001 (BBC east small tiles ADC)
Entries 8487264
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

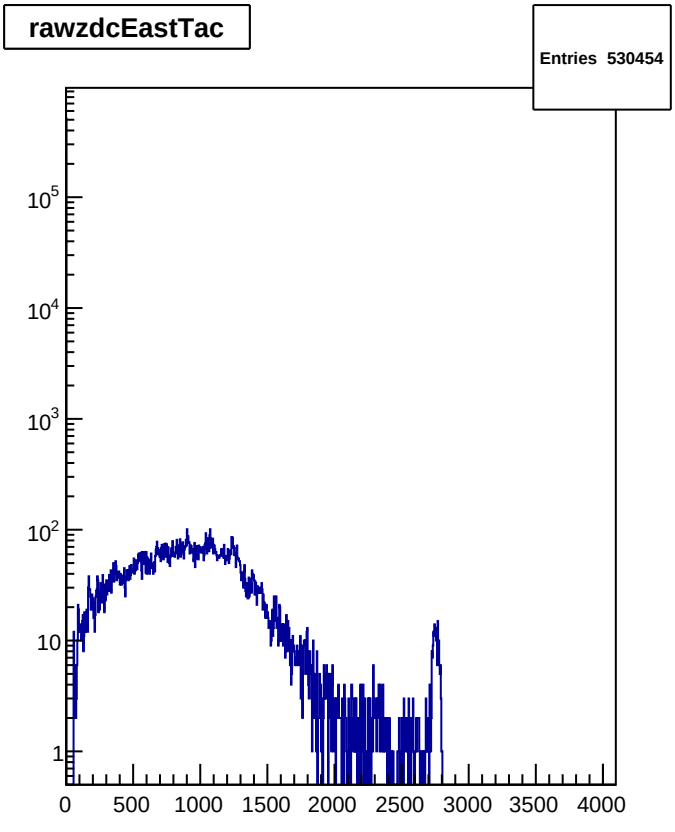

BBQ-BB001 (BBC east small tiles TAC)
Entries 8487264
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

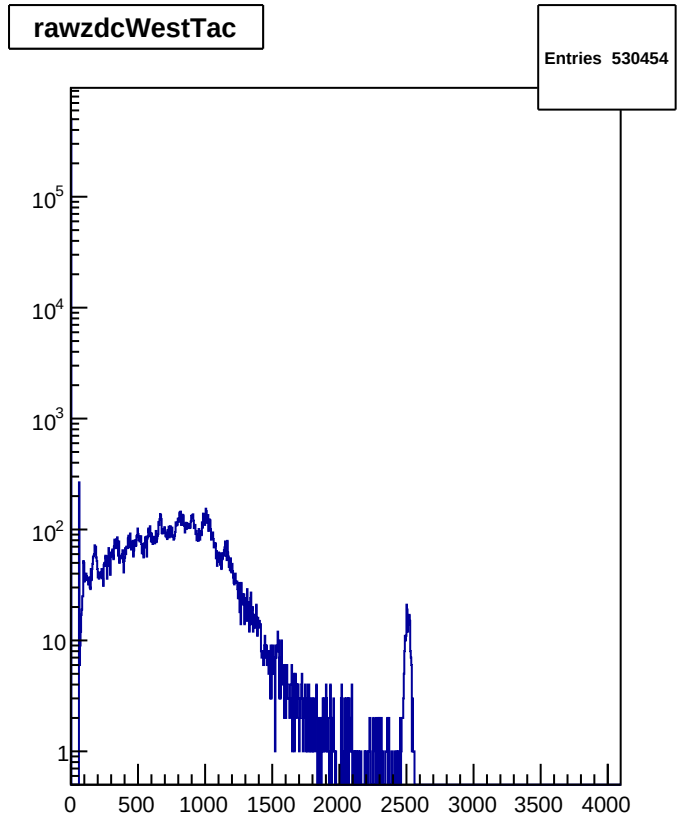

BBQ-BB002 (BBC west small tiles ADC)
Entries 8487264
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

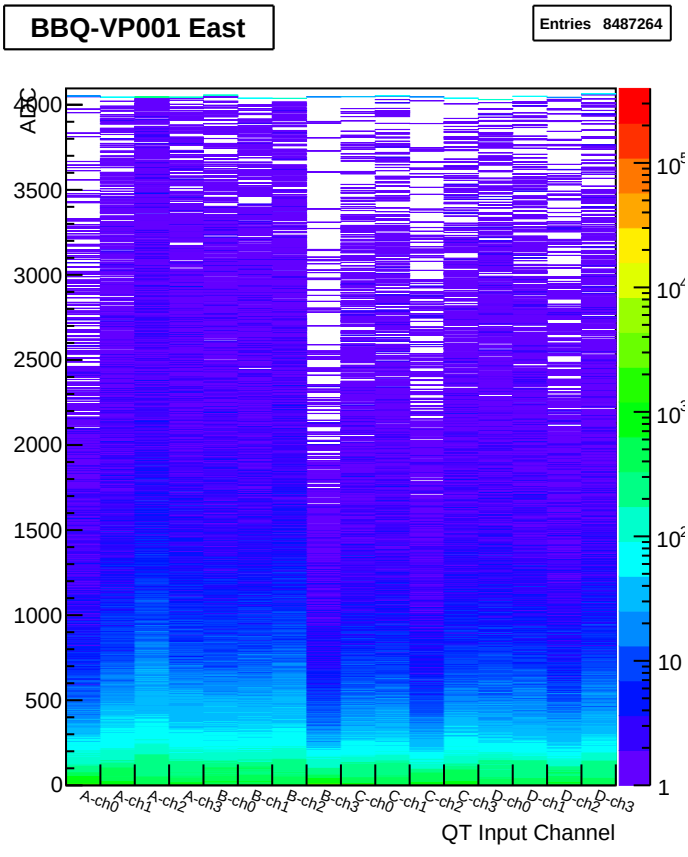

BBQ-BB002 (BBC west small tiles TAC)
Entries 8487264
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

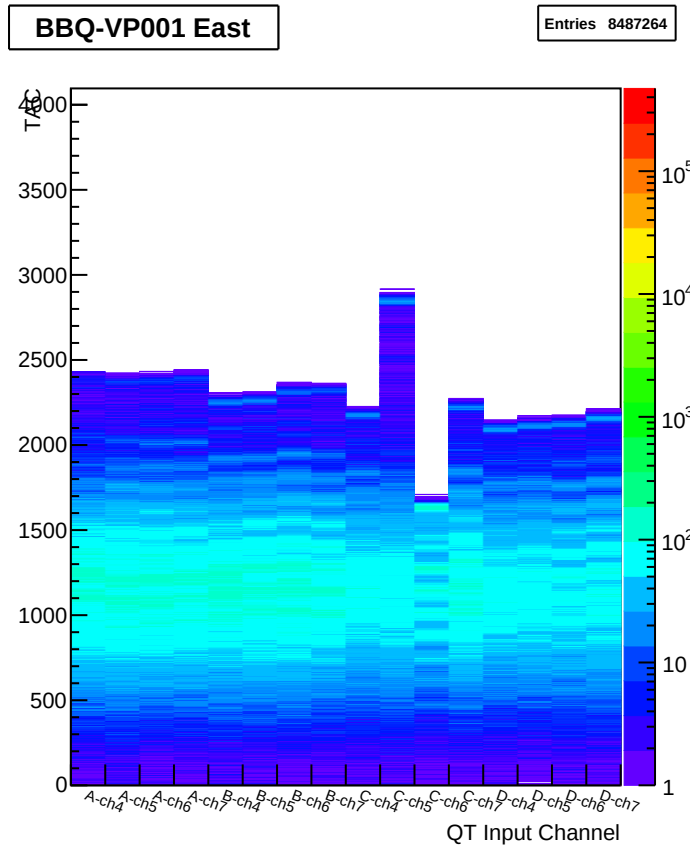

BBQ-ZD001 (ZDC TOWER)
Entries 8487264
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W A
W1
W1A
Wsum
WsumA
W2
W3
W2A

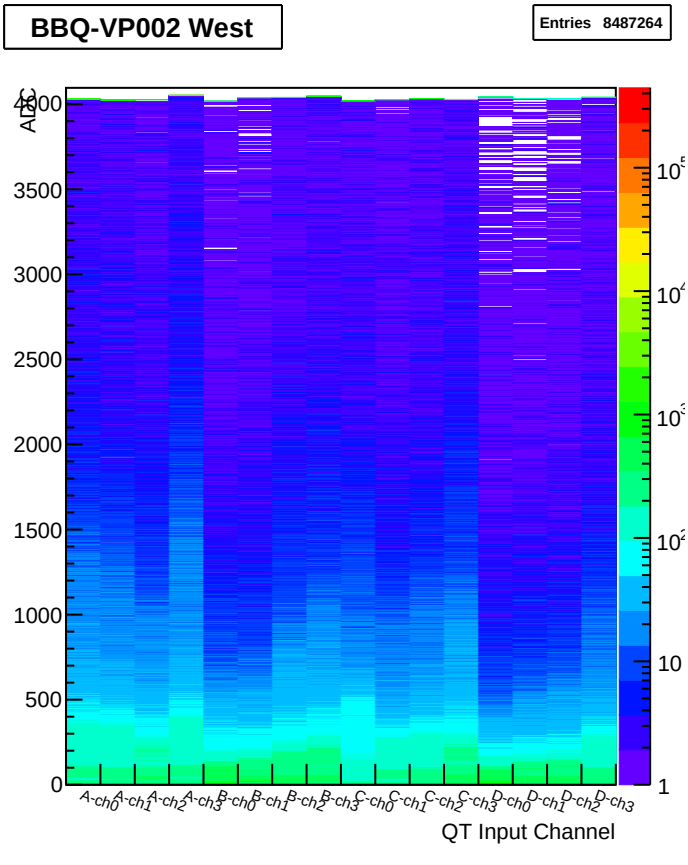

BBQ-ZD001 (ZDC TOWER)
Entries 8487264
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

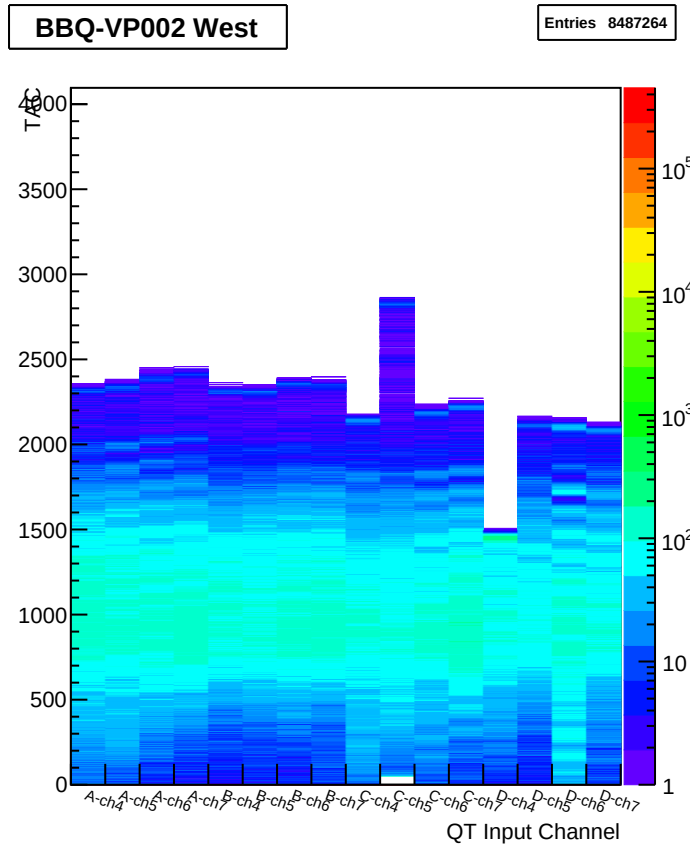

rawzdcEastTac
Entries 530454

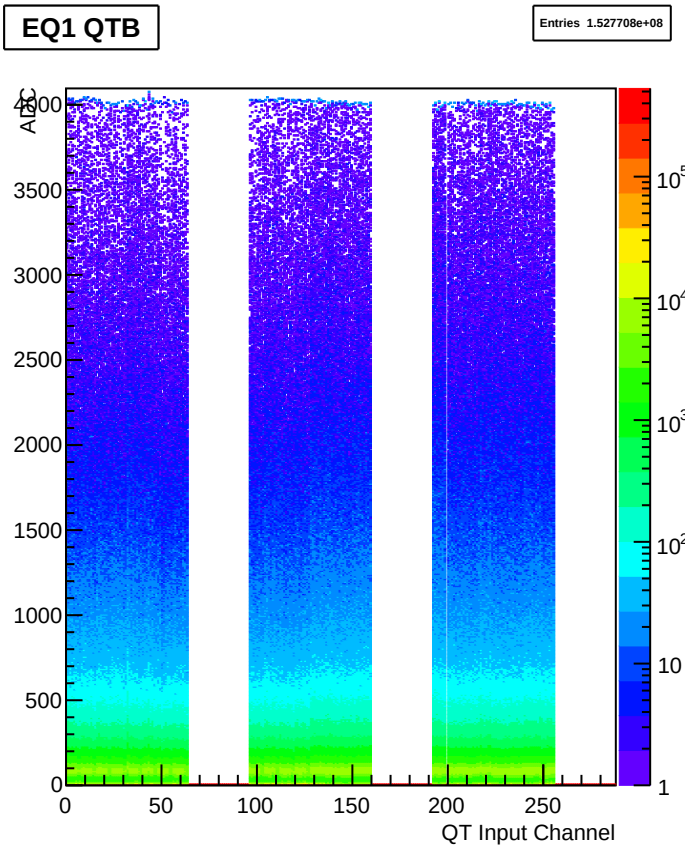

rawzdcWestTac
Entries 530454

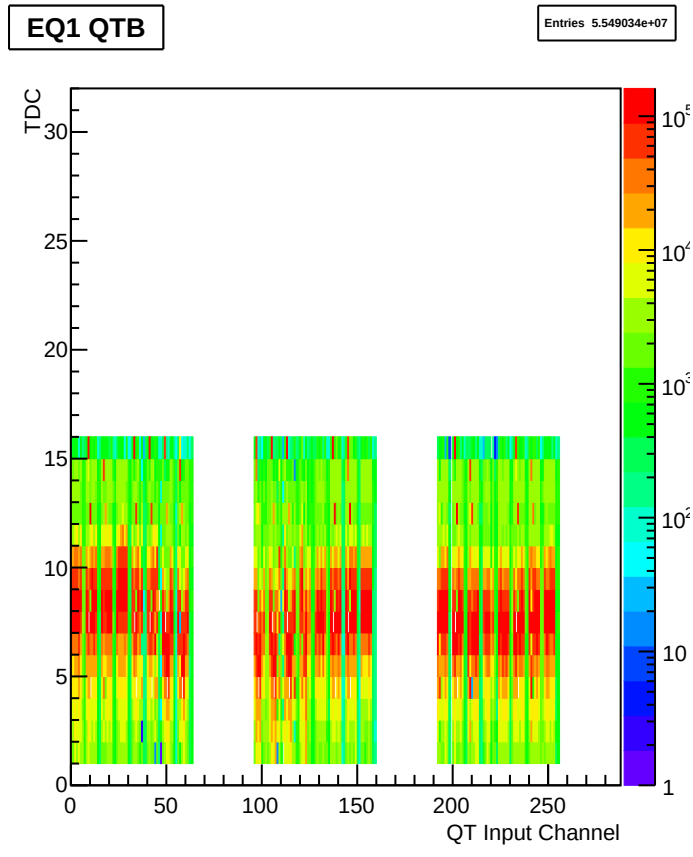

BBQ-VP001 East
Entries 8487264
ADC
QT Input Channel

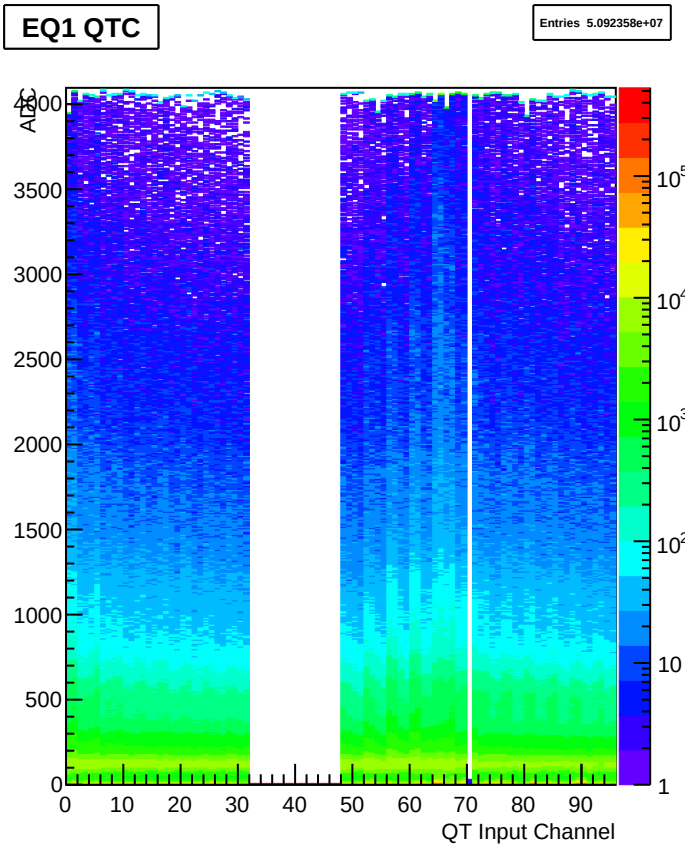

BBQ-VP001 East
Entries 8487264
TADC
QT Input Channel

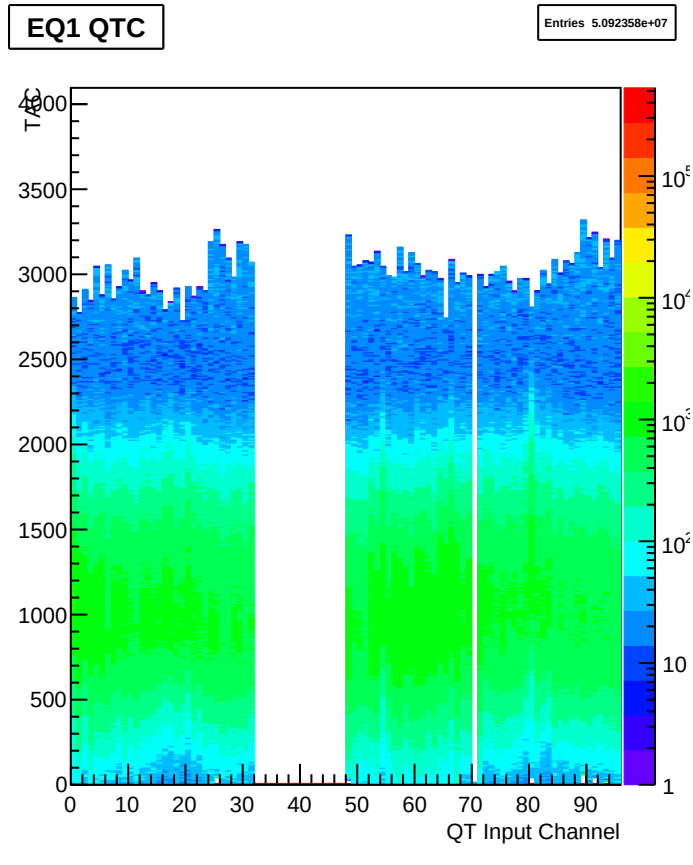

BBQ-VP002 West
Entries 8487264
ADC
QT Input Channel

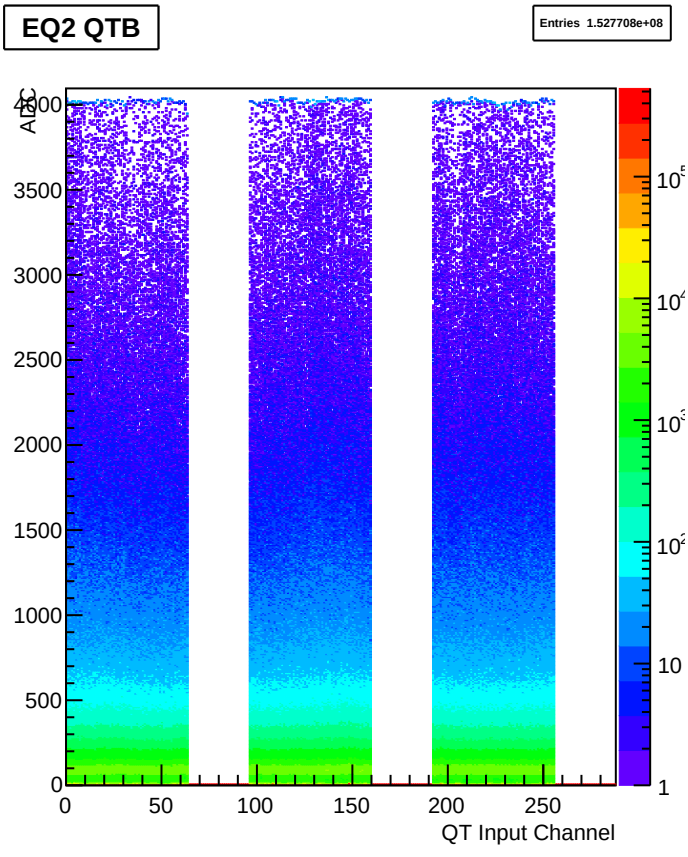

BBQ-VP002 West
Entries 8487264
TADC
QT Input Channel

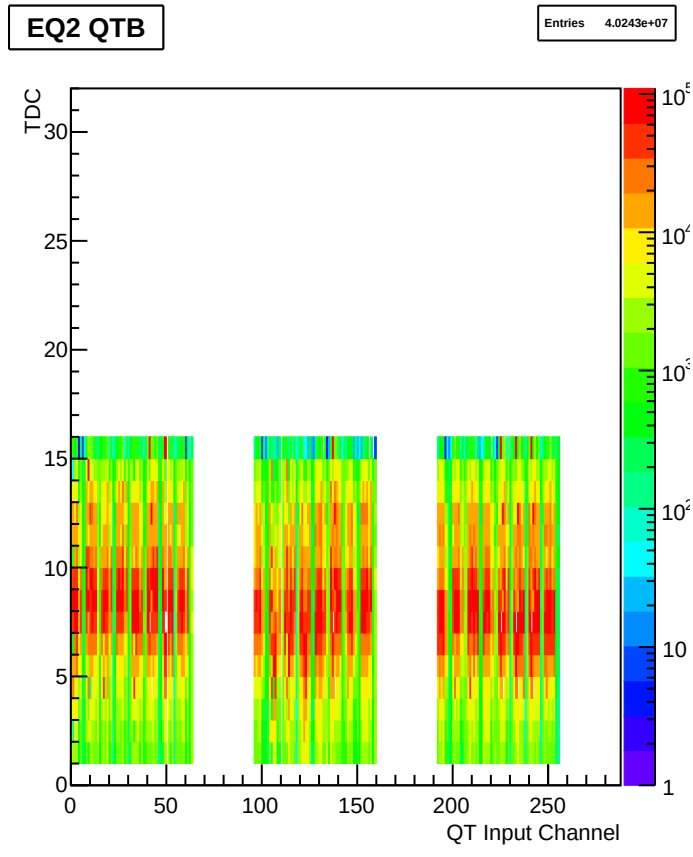

EQ1 QTB
Entries 1.527708e+08
ADC
QT Input Channel

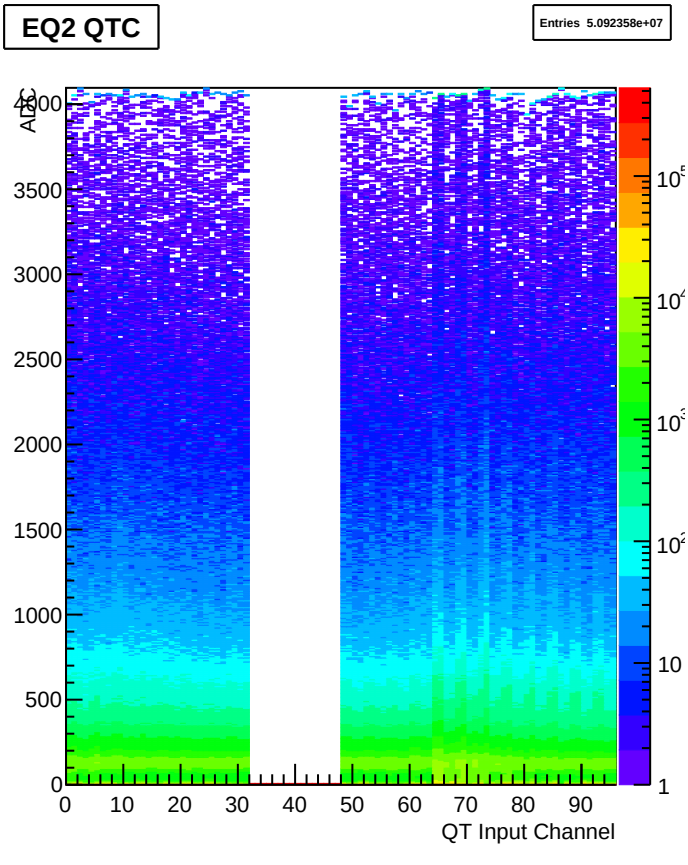

EQ1 QTB
Entries 5.549034e+07
TDC
QT Input Channel

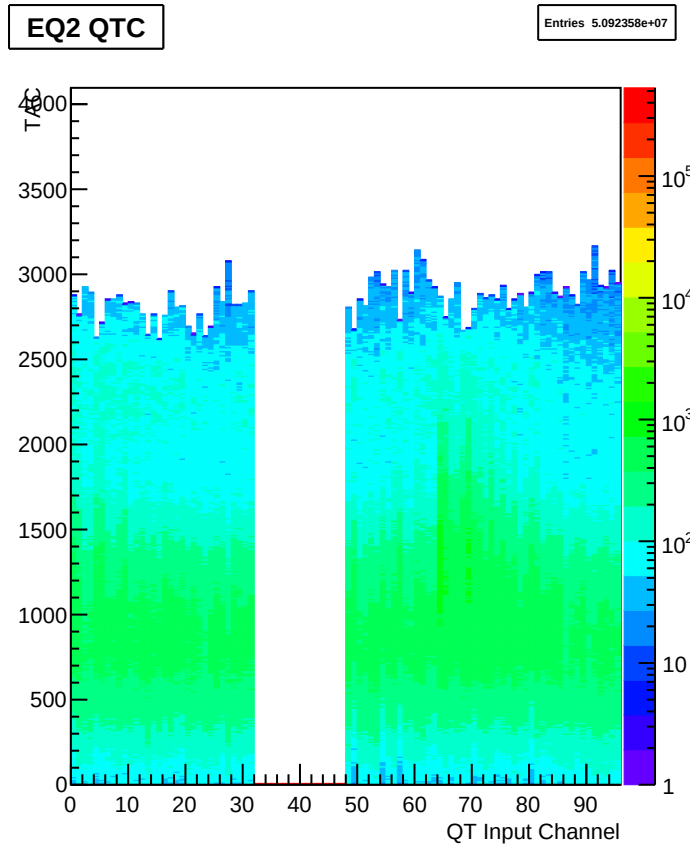

EQ1 QTC
Entries 5.092358e+07
ADC
QT Input Channel

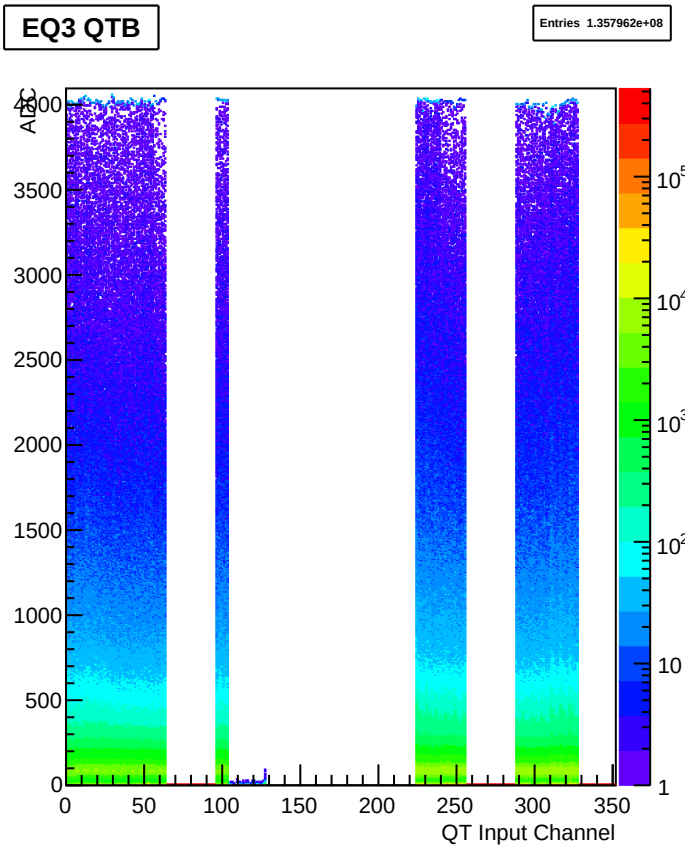

EQ1 QTC
Entries 5.092358e+07
TADC
QT Input Channel

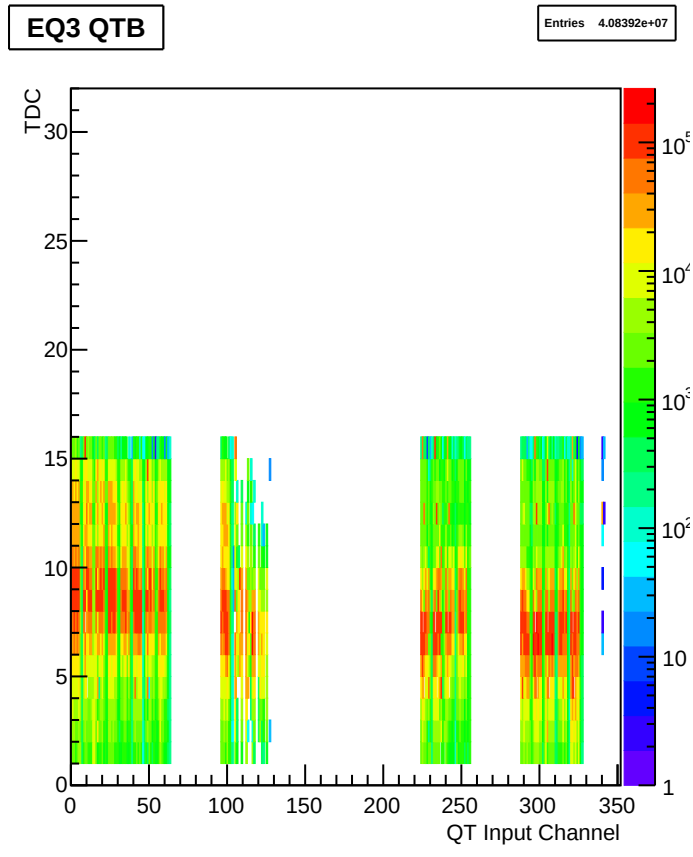

EQ2 QTB
Entries 1.527708e+08
ADC
QT Input Channel

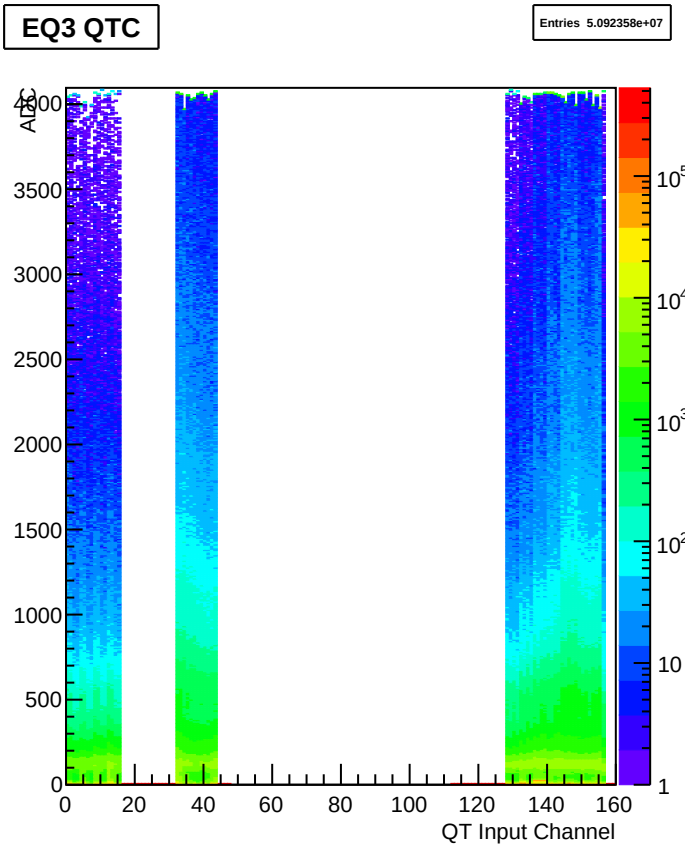

EQ2 QTB
Entries 4.0243e+07
TDC
QT Input Channel

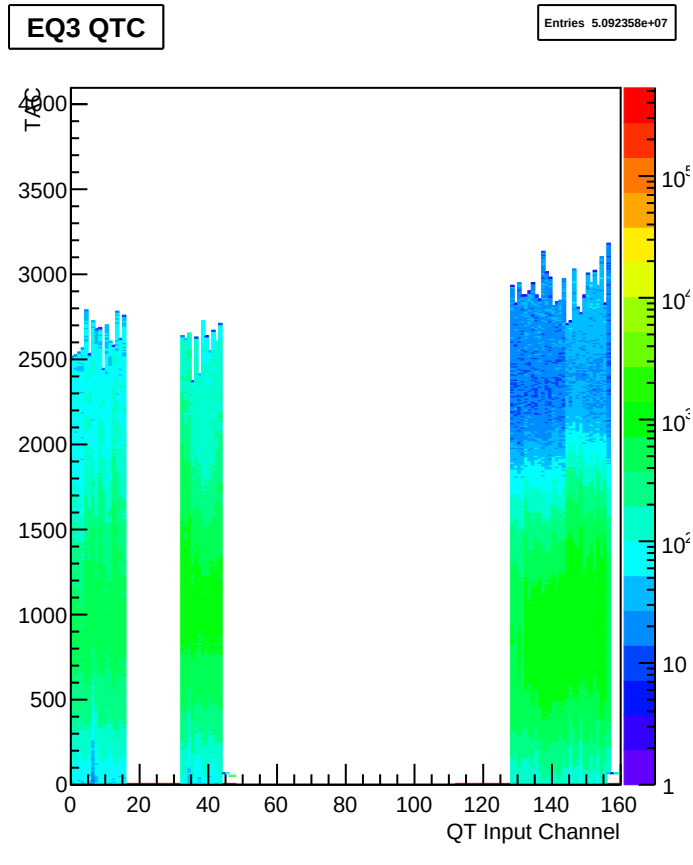

EQ2 QTC
Entries 5.092358e+07
ADC
QT Input Channel

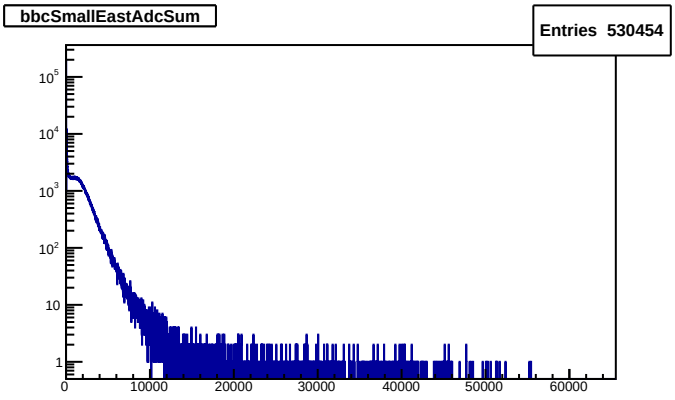

EQ2 QTC
Entries 5.092358e+07
TADC
QT Input Channel

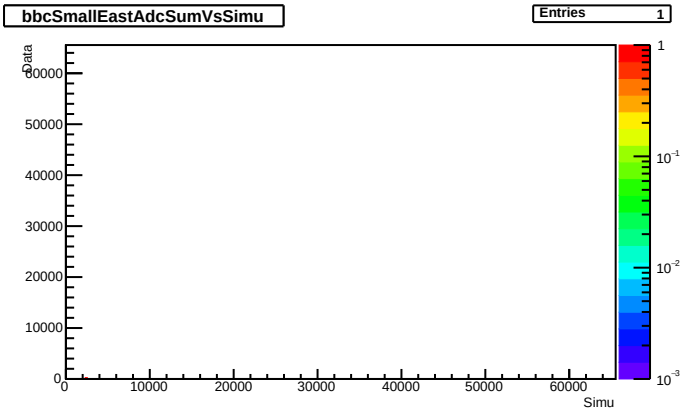

EQ3 QTB
Entries 1.357962e+08
ADC
QT Input Channel

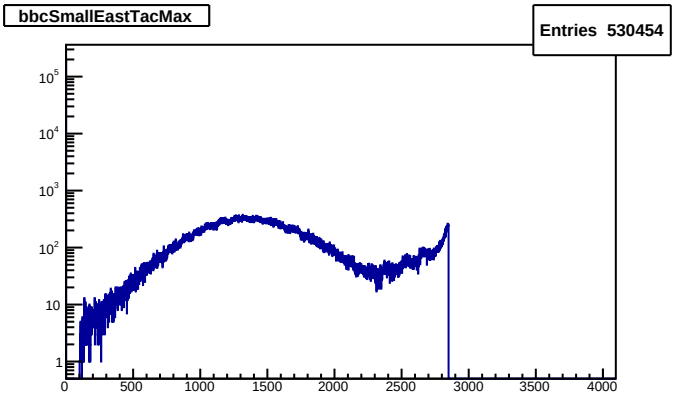

EQ3 QTB
Entries 4.08392e+07
TDC
QT Input Channel

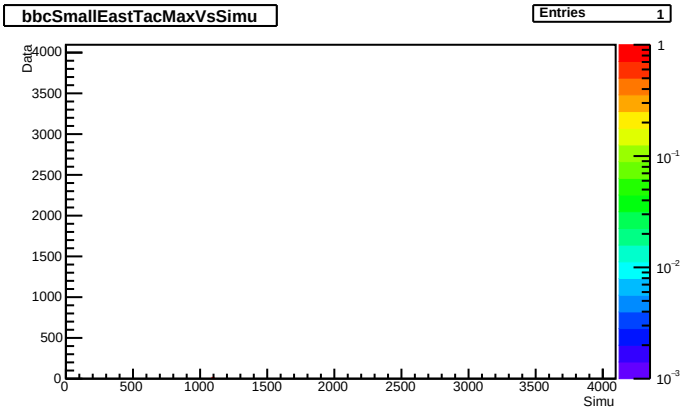

EQ3 QTC
Entries 5.092358e+07
ADC
QT Input Channel

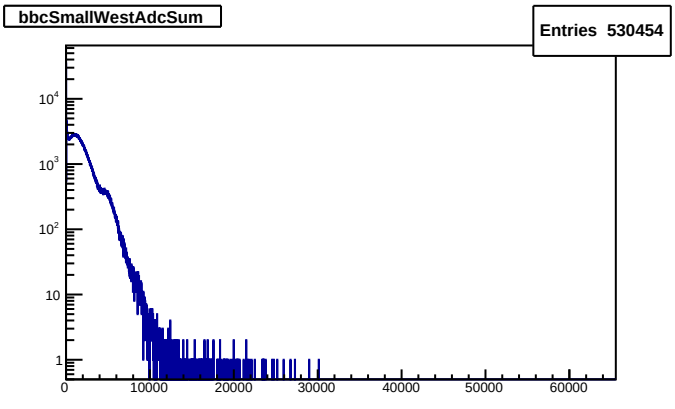

EQ3 QTC
Entries 5.092358e+07
TADC
QT Input Channel

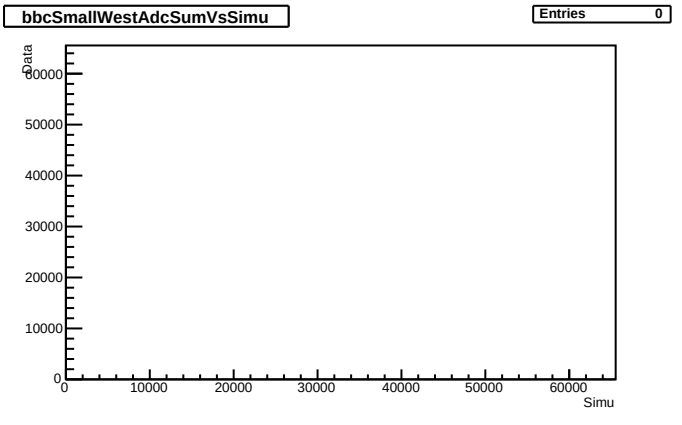

bbcSmallEastAdcSum
Entries 530454

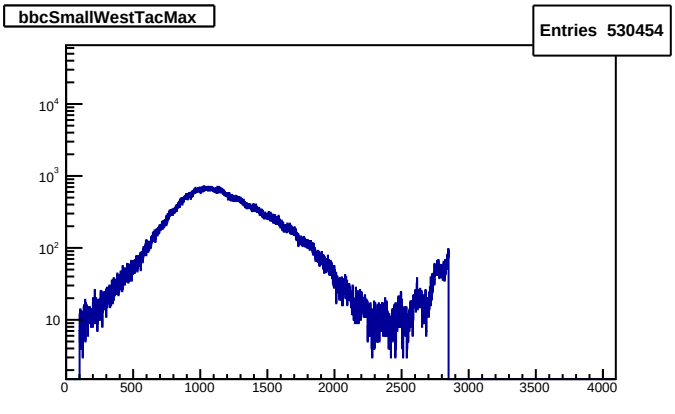

bbcSmallEastAdcSumVsSimu
Entries 1
Data
Simu

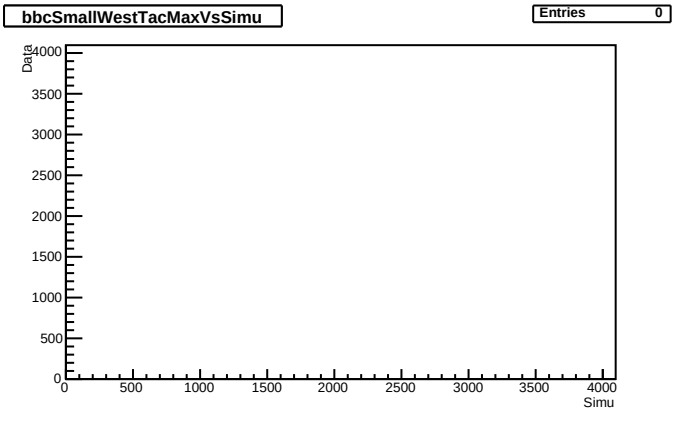

bbcSmallEastTacMax
Entries 530454

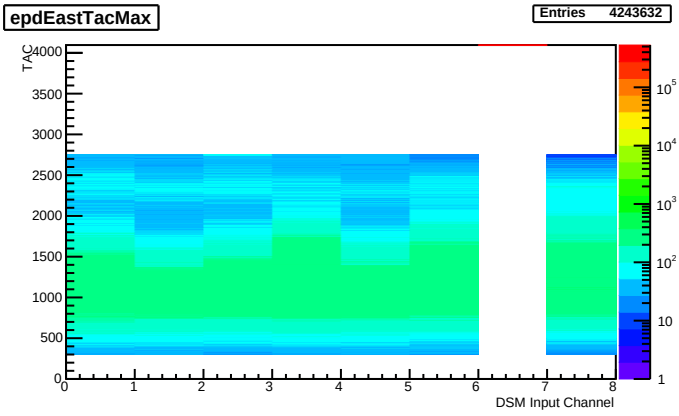

bbcSmallEastTacMaxVsSimu
Entries 1
Data
Simu

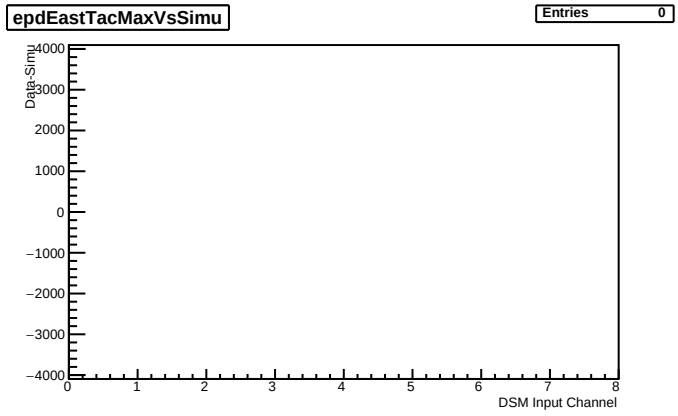

bbcSmallWestAdcSum
Entries 530454

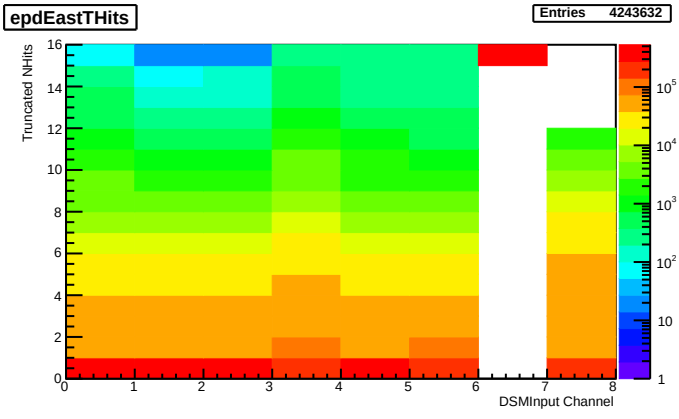

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

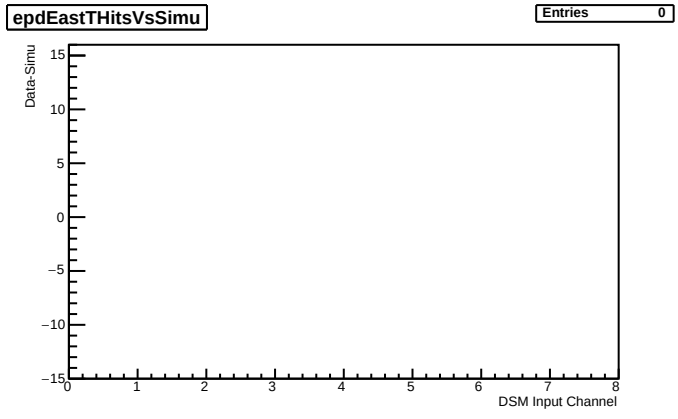

bbcSmallWestTacMax
Entries 530454

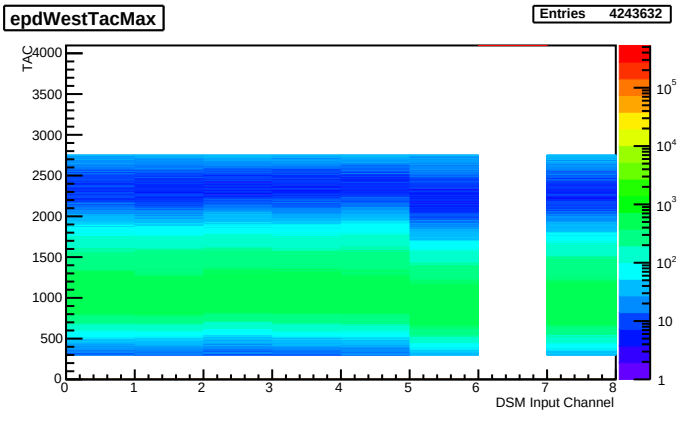

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

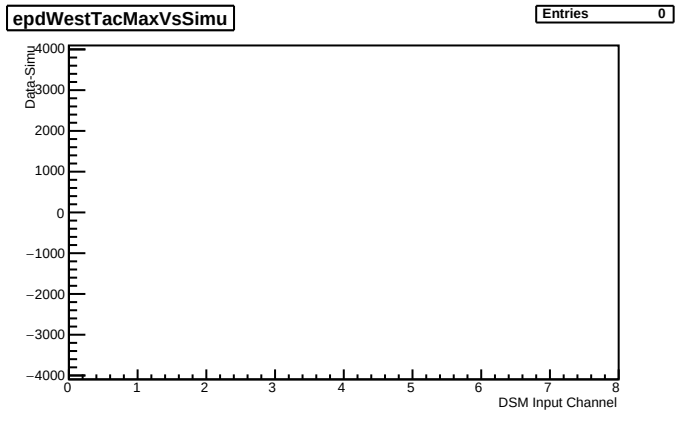

epdEastTacMax
Entries 4243632
TAC
DSM Input Channel

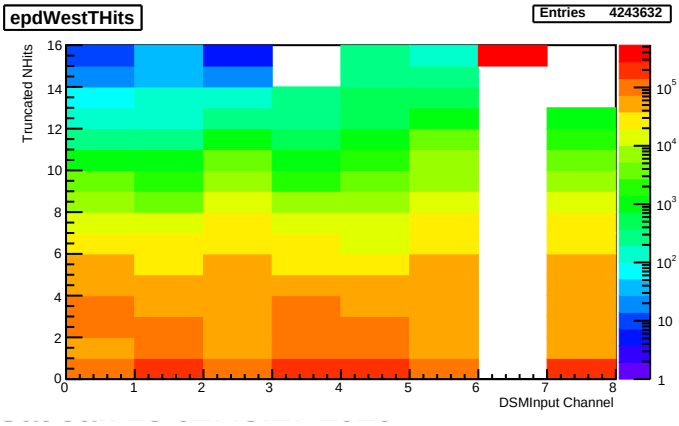

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

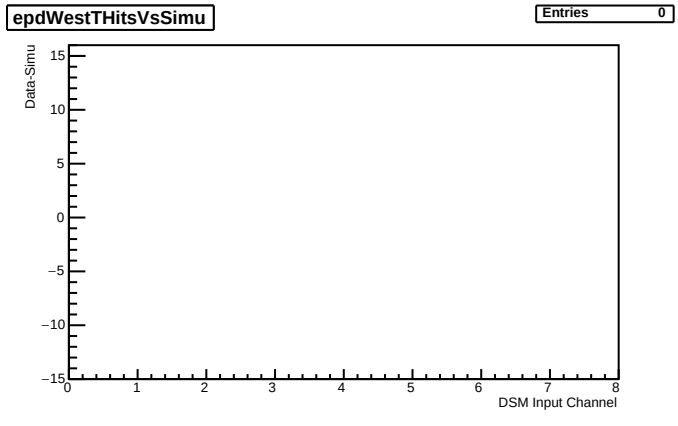

epdEastTHits
Entries 4243632
Truncated NHits
DSMInput Channel

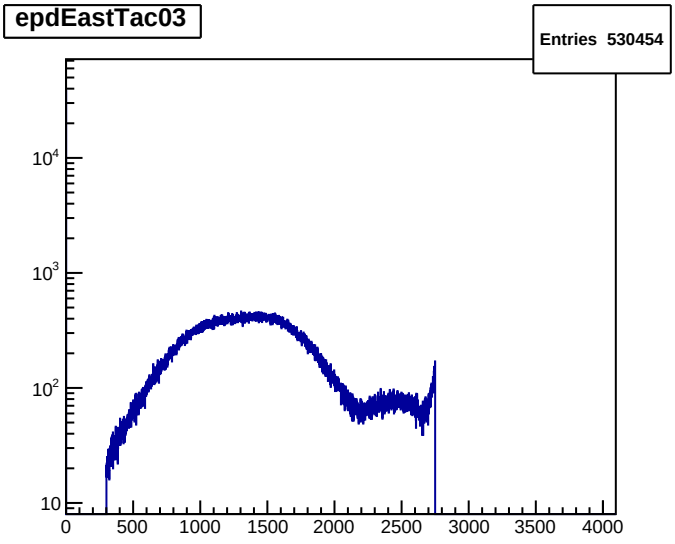

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

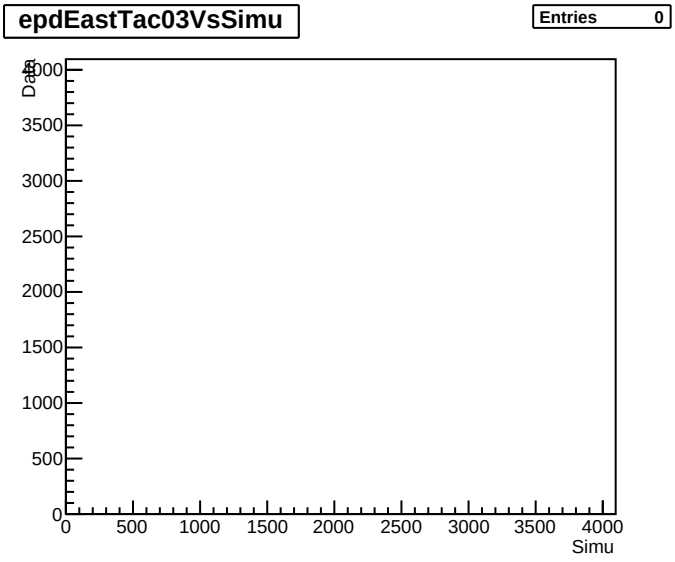

epdWestTacMax
Entries 4243632
TAC
DSM Input Channel

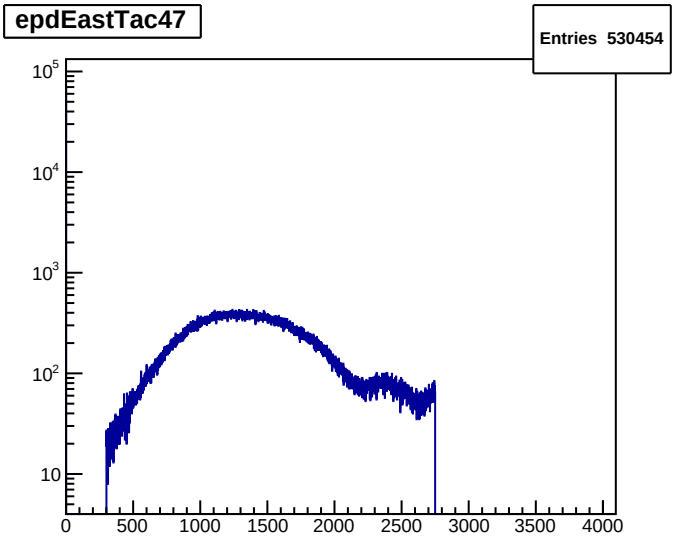

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

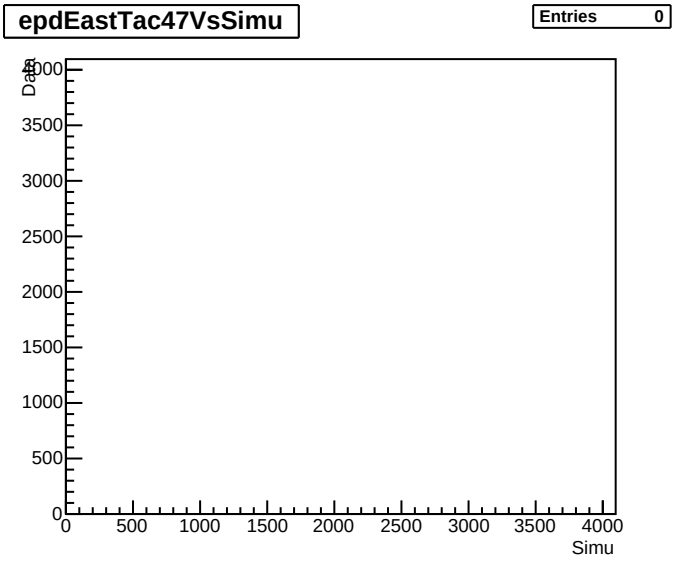

epdWestTHits
Entries 4243632
Truncated NHits
DSMInput Channel

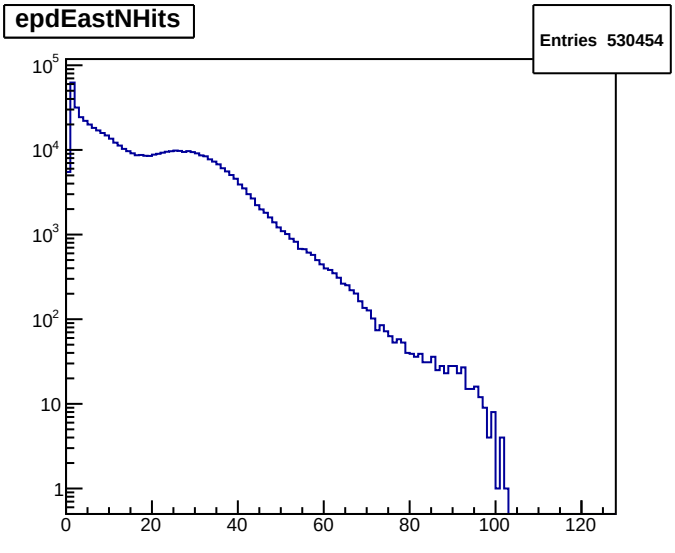

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

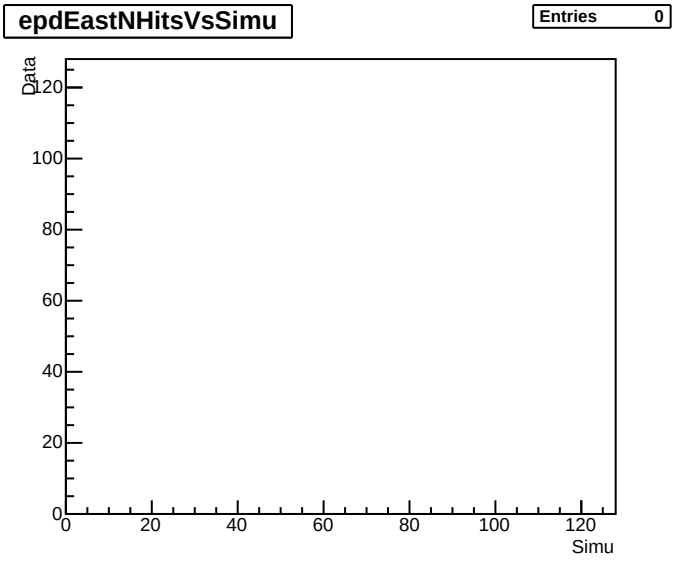

epdEastTac03
Entries 530454

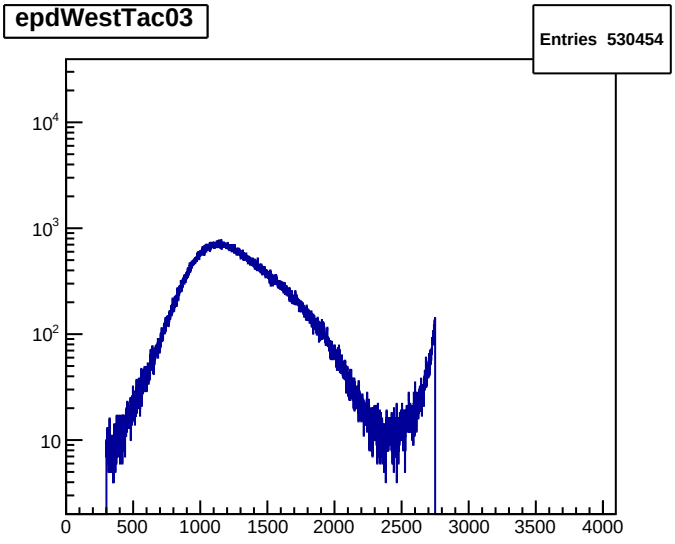

epdEastTac03VsSimu
Entries 0
Data
Simu

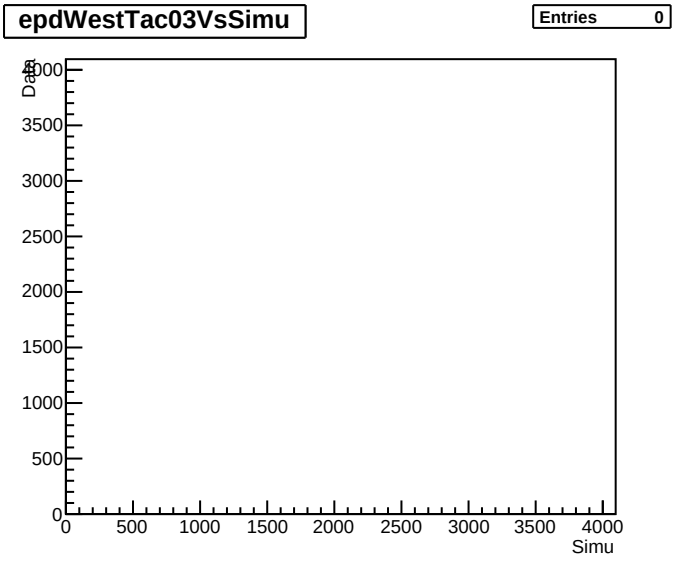

epdEastTac47
Entries 530454

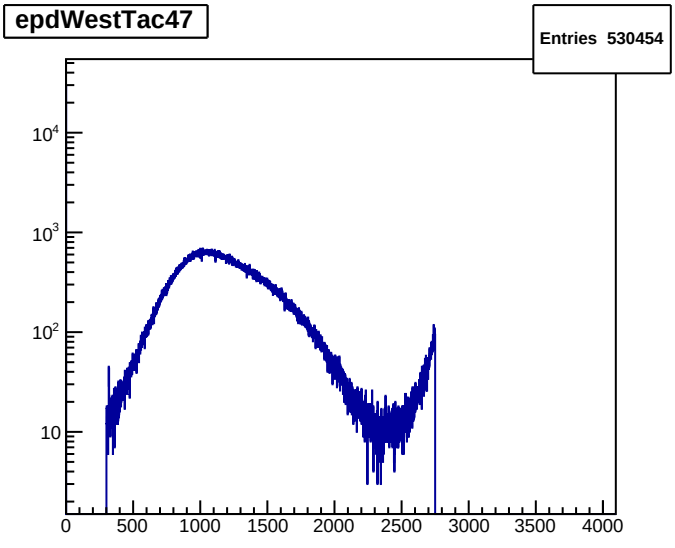

epdEastTac47VsSimu
Entries 0
Data
Simu

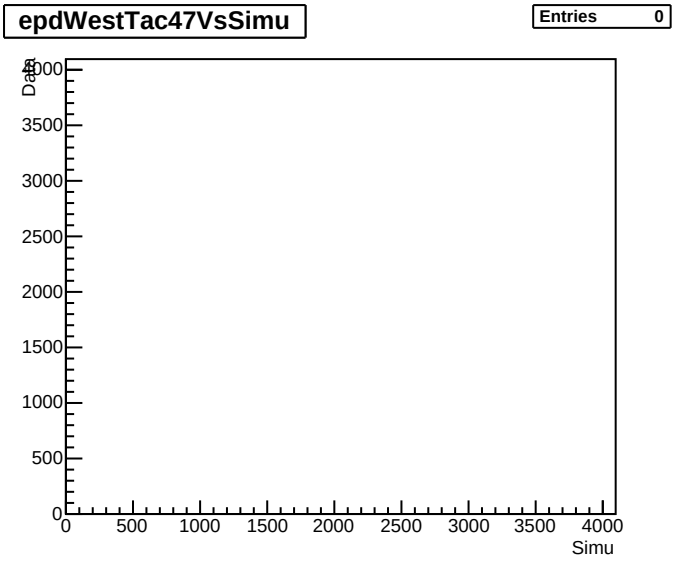

epdEastNHits
Entries 530454

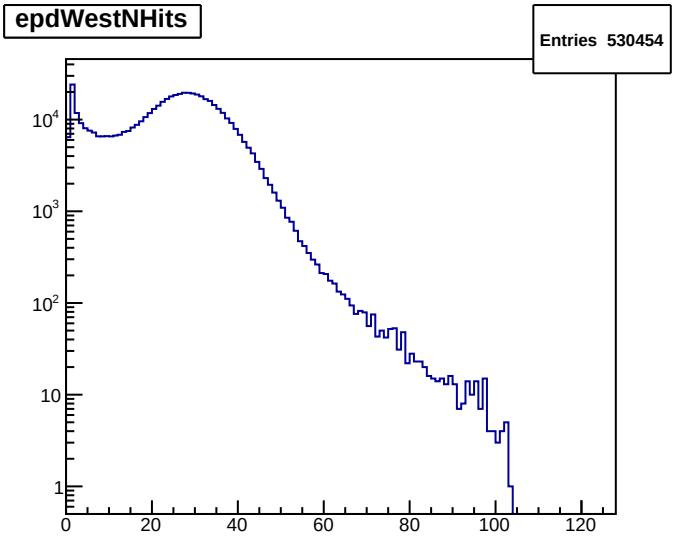

epdEastNHitsVsSimu
Entries 0
Data
Simu

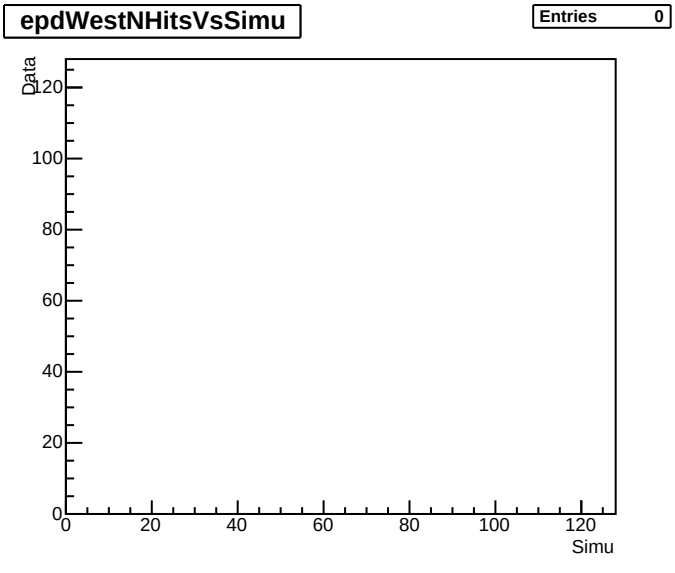

epdWestTac03
Entries 530454

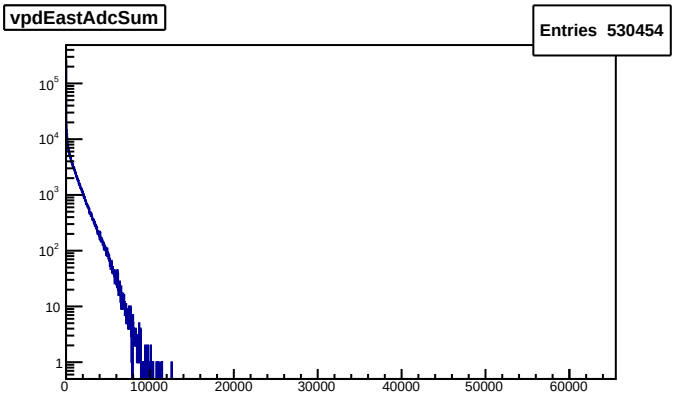

epdWestTac03VsSimu
Entries 0
Data
Simu

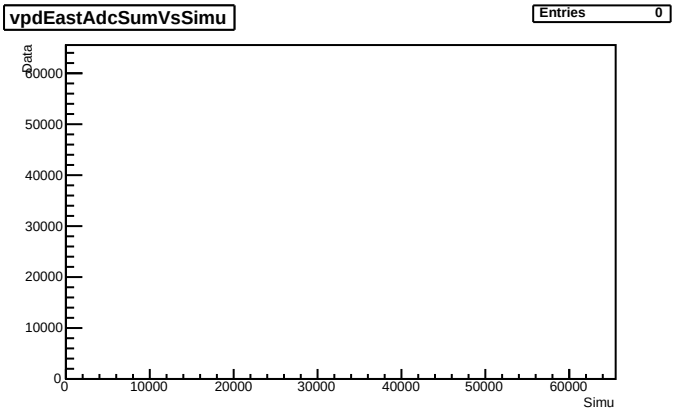

epdWestTac47
Entries 530454

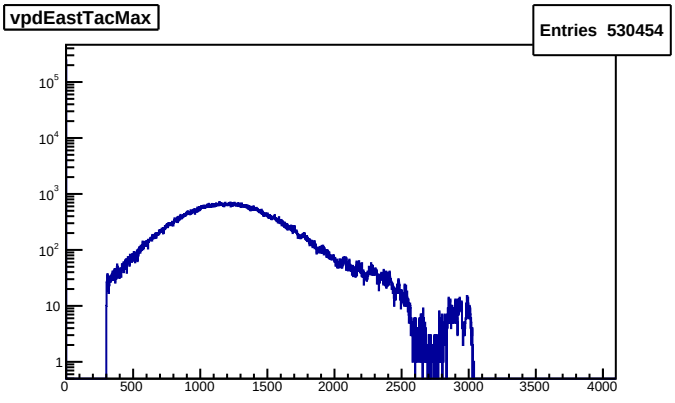

epdWestTac47VsSimu
Entries 0
Data
Simu

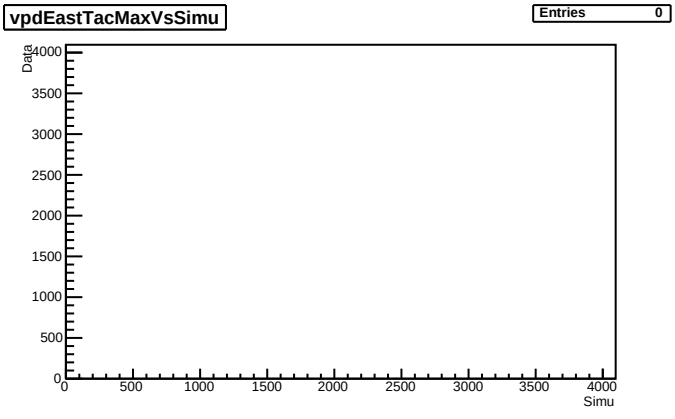

epdWestNHits
Entries 530454

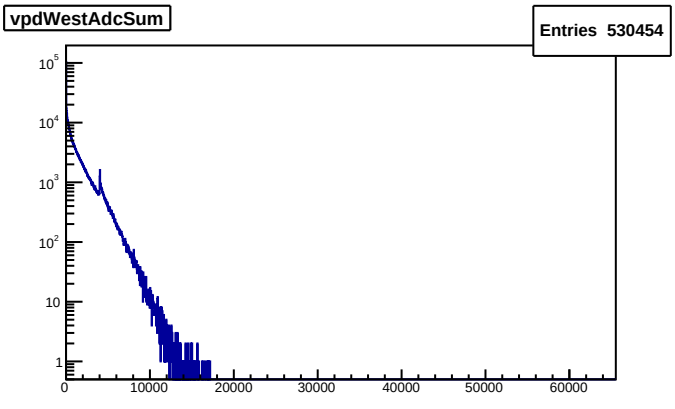

epdWestNHitsVsSimu
Entries 0
Data
Simu

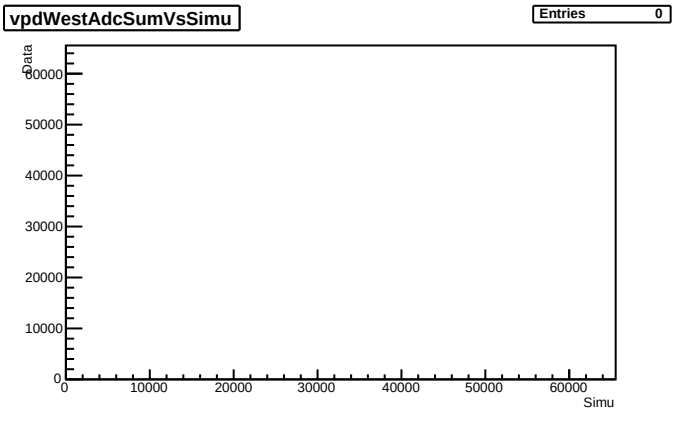

vpdEastAdcSum
Entries 530454

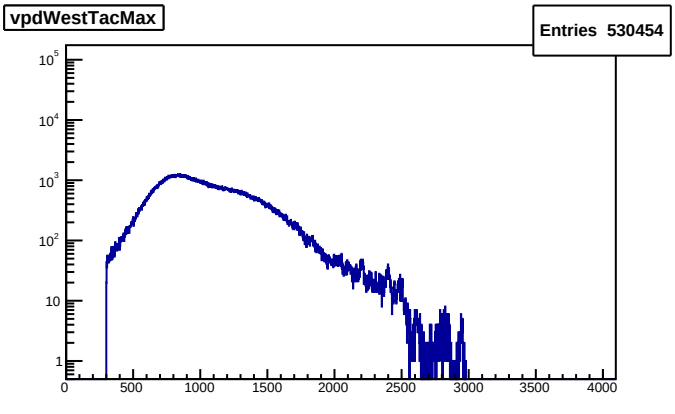

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

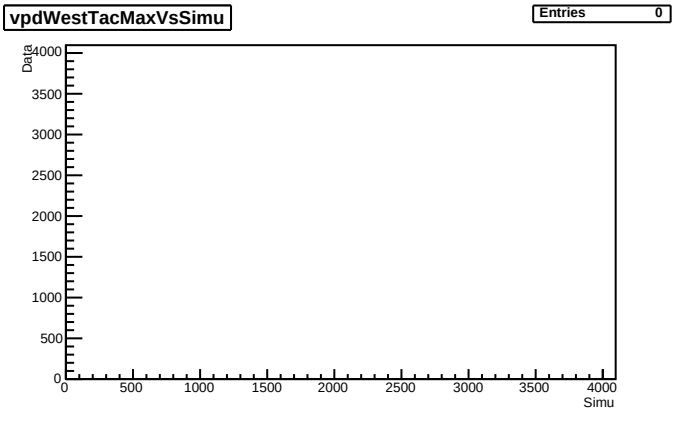

vpdEastTacMax
Entries 530454

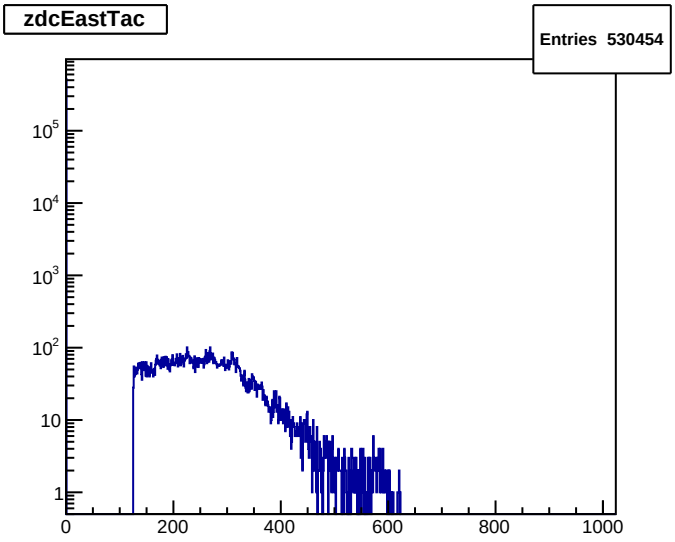

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

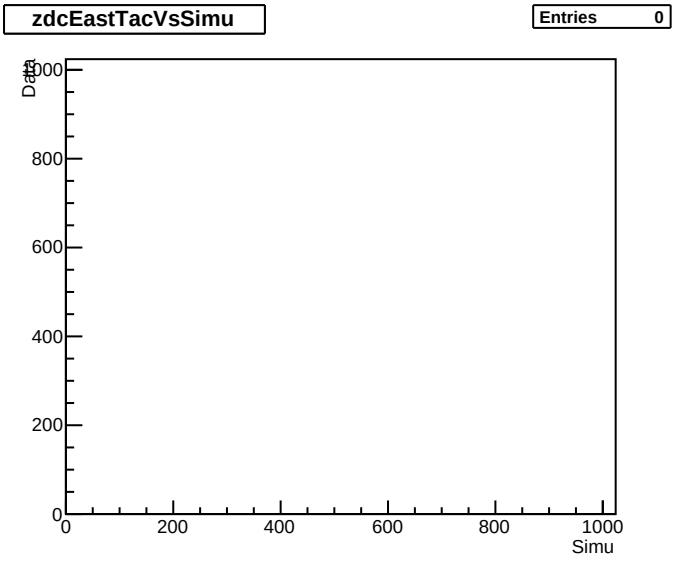

vpdWestAdcSum
Entries 530454

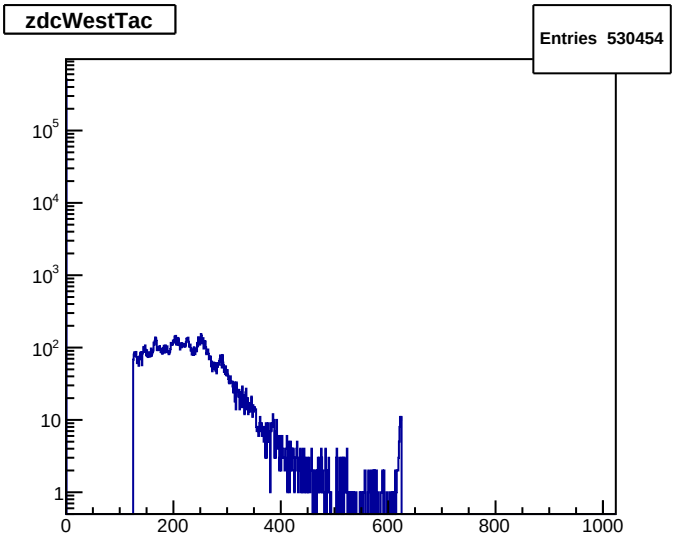

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

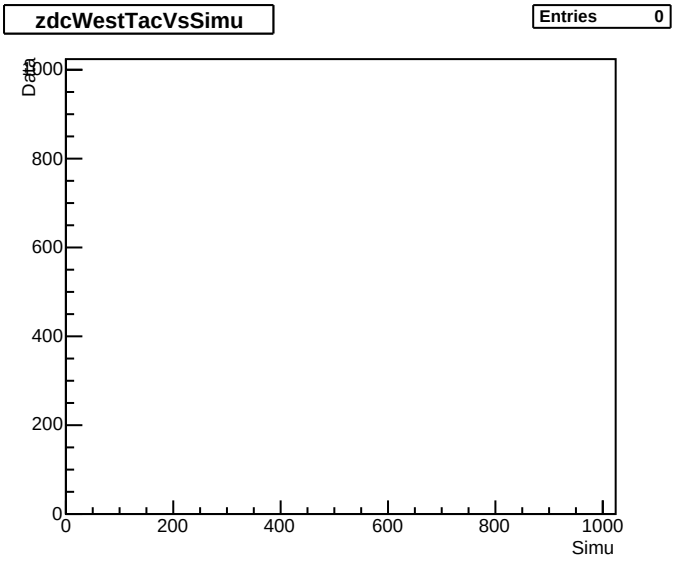

vpdWestTacMax
Entries 530454

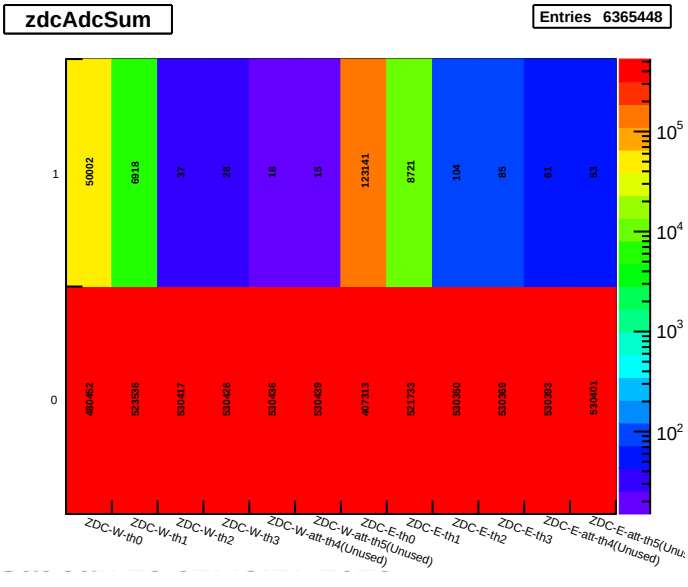

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

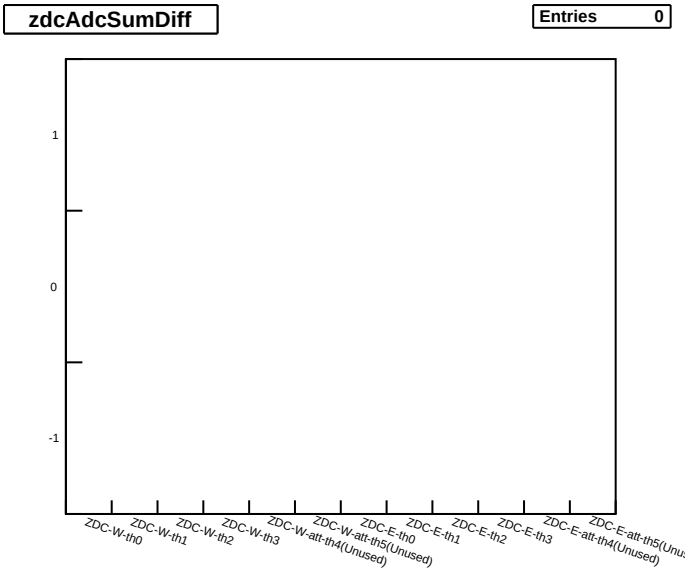

zdcEastTac
Entries 530454
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

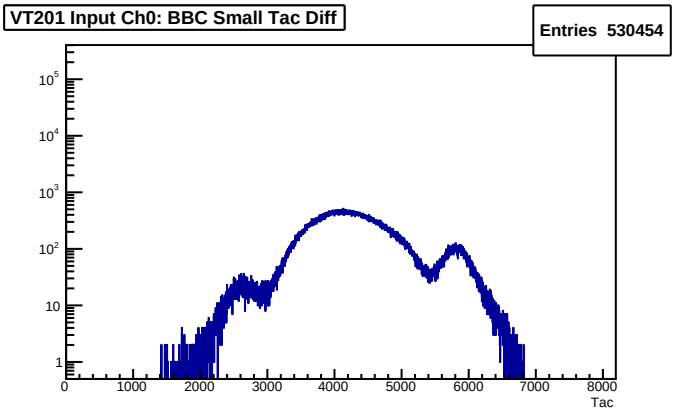

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

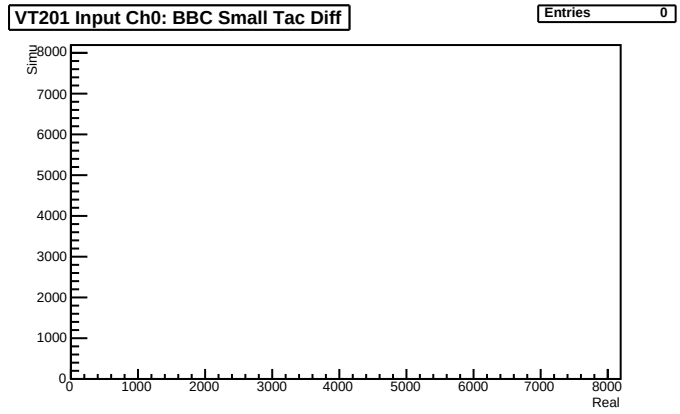

zdcWestTac
Entries 530454
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

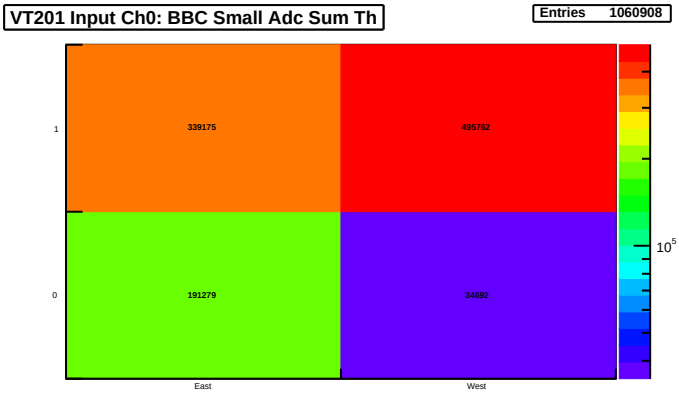

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

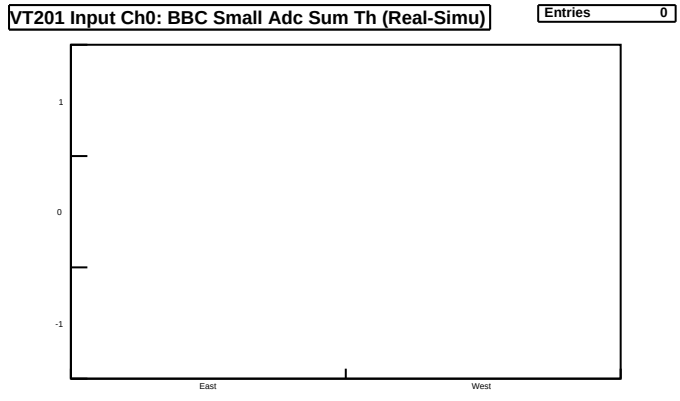

zdcAdcSum
Entries 6365448
1
0
50002
6818
37
28
18
15
123141
8721
104
85
61
53
480452
523536
530417
530426
530436
530439
407313
521733
530350
530369
530393
530401
10^5
10^4
10^3
10^2
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

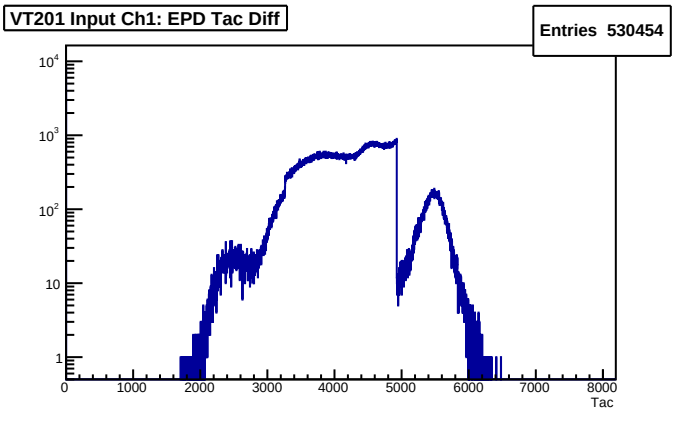

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

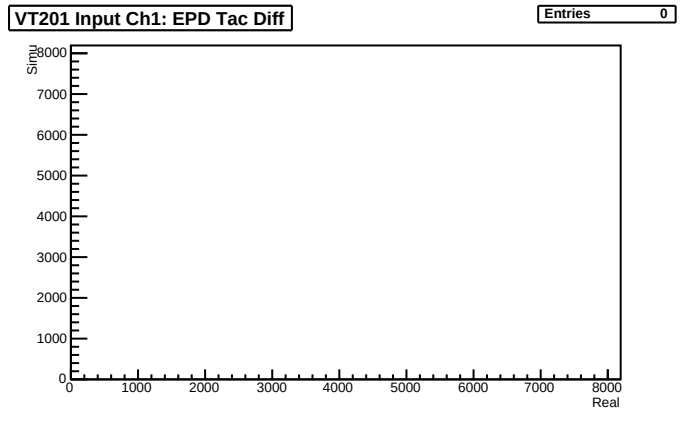

VT201 Input Ch0: BBC Small Tac Diff
Entries 530454
Tac

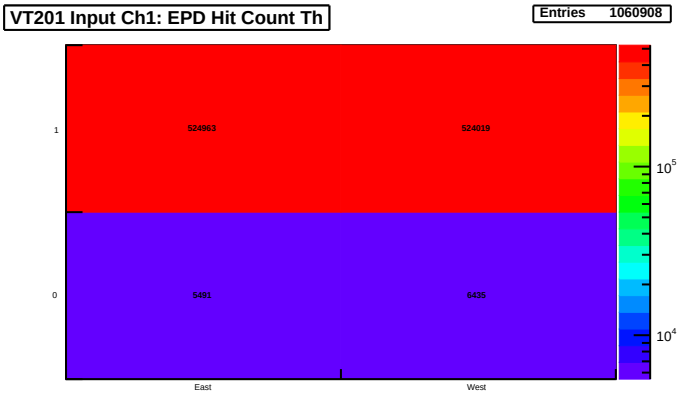

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

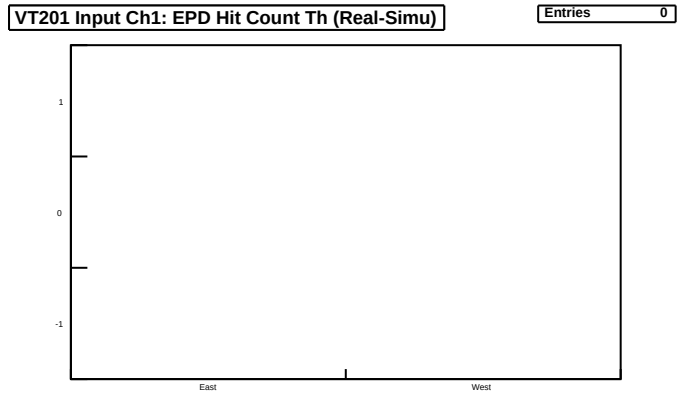

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1060908
339175
495762
191279
34692
East
West

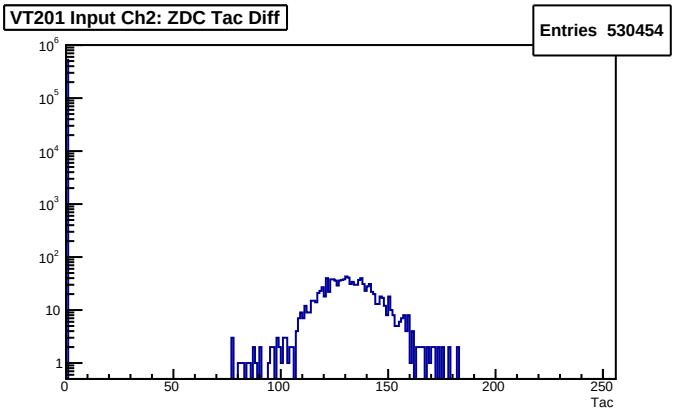

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

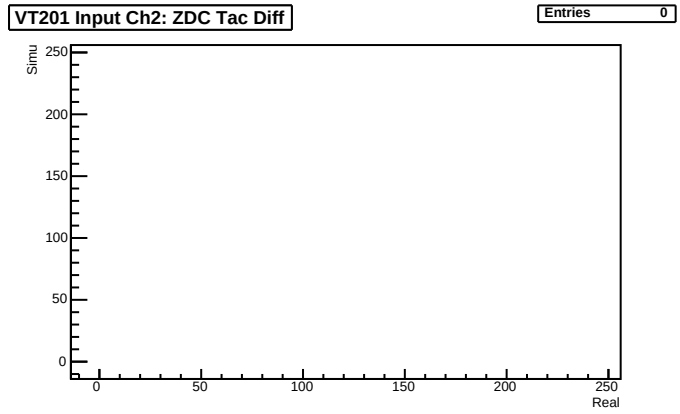

VT201 Input Ch1: EPD Tac Diff
Entries 530454
Tac

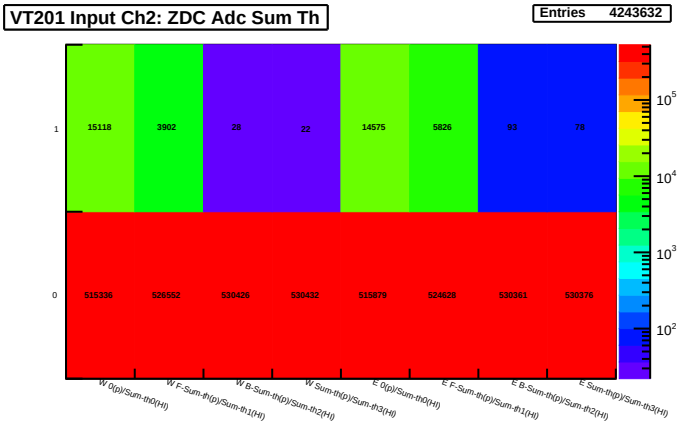

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

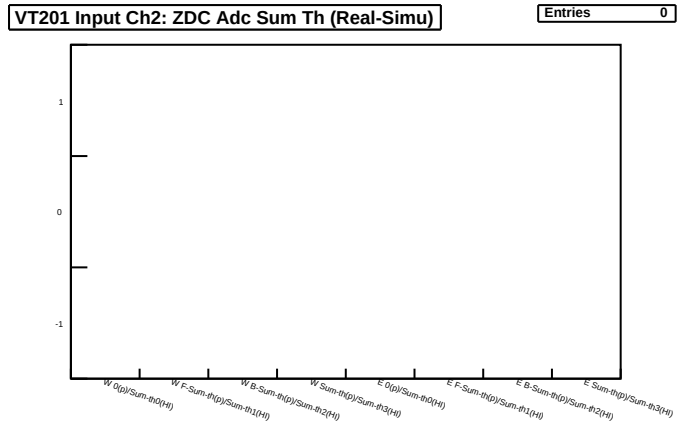

VT201 Input Ch1: EPD Hit Count Th
Entries 1060908
524963
524019
5491
6435
East
West

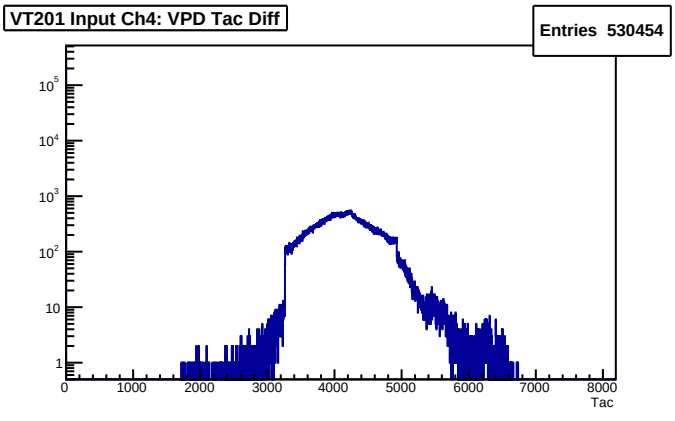

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

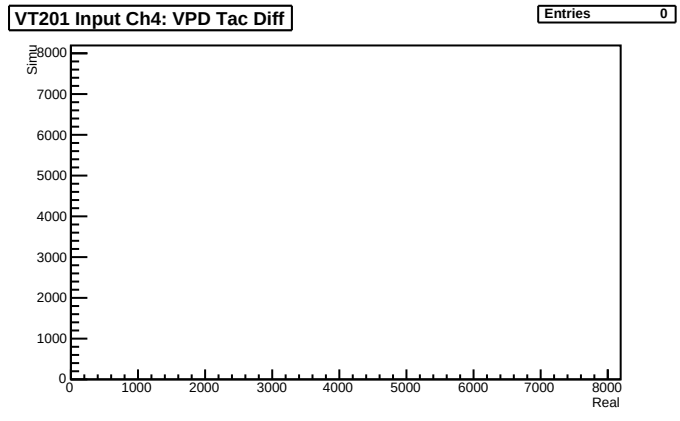

VT201 Input Ch2: ZDC Tac Diff
Entries 530454
Tac

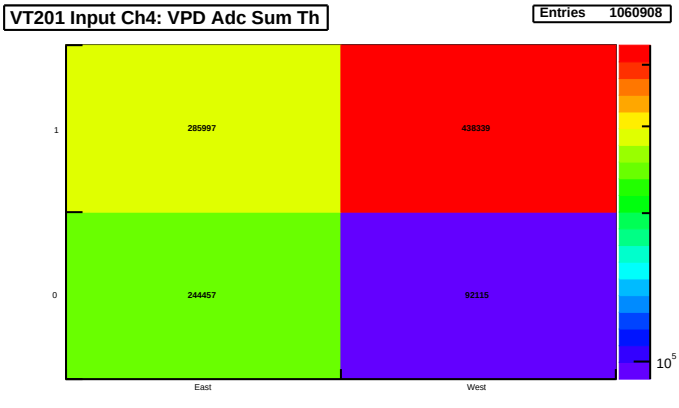

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

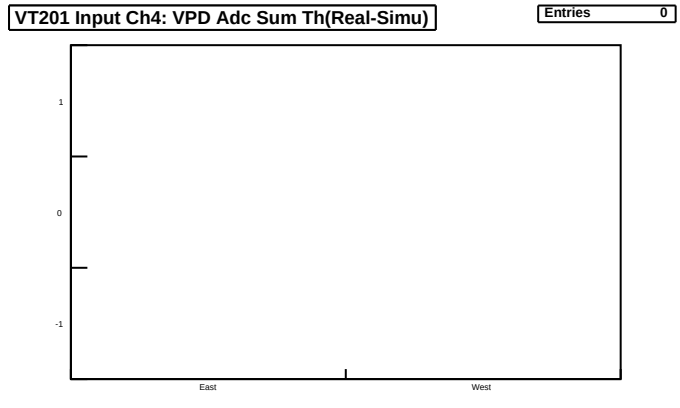

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4243632
15118
3902
28
22
14575
5826
93
78
515336
526552
530426
530432
515879
524628
530361
530376
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

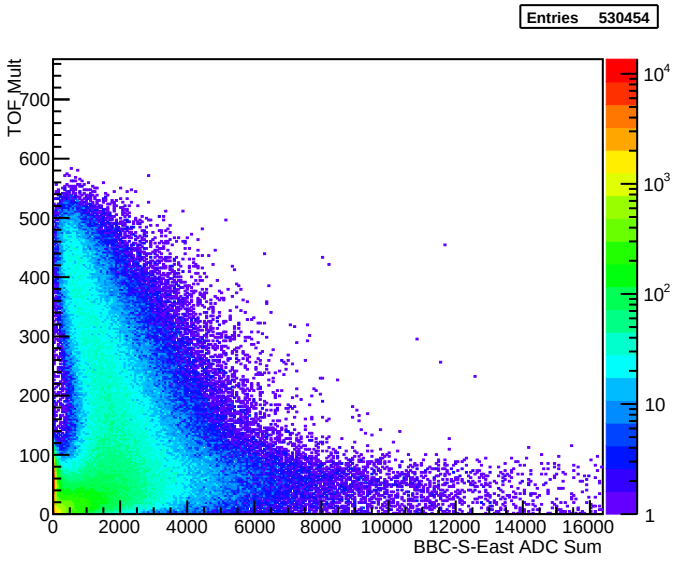

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

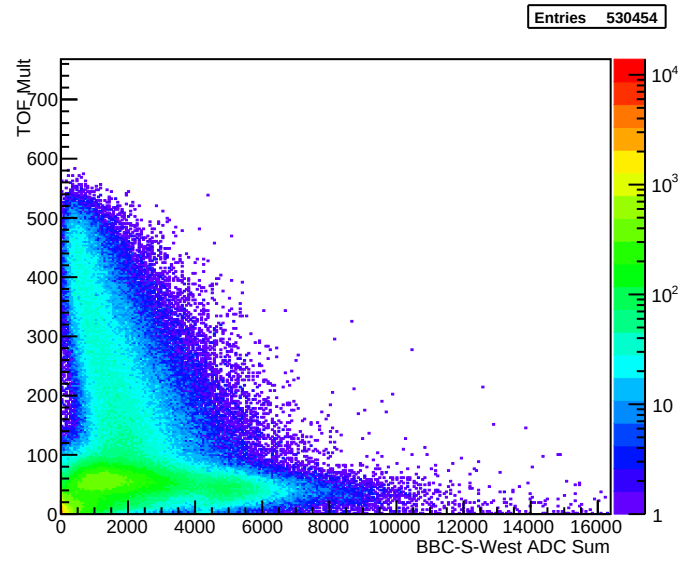

VT201 Input Ch4: VPD Tac Diff
Entries 530454
Tac

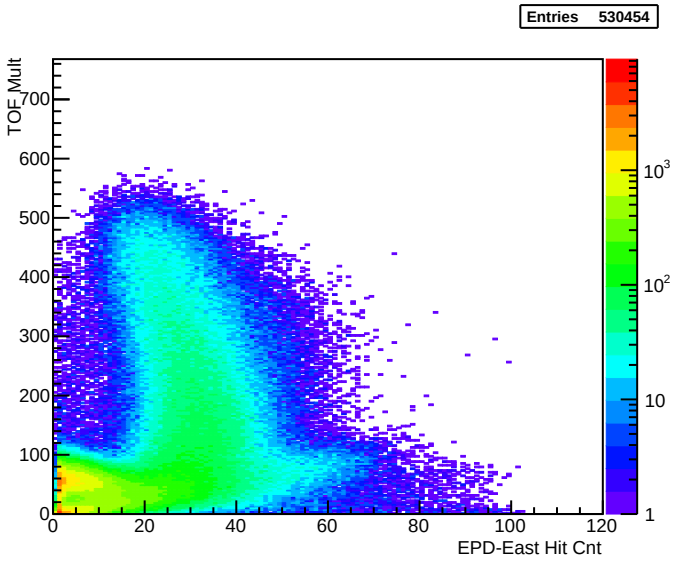

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

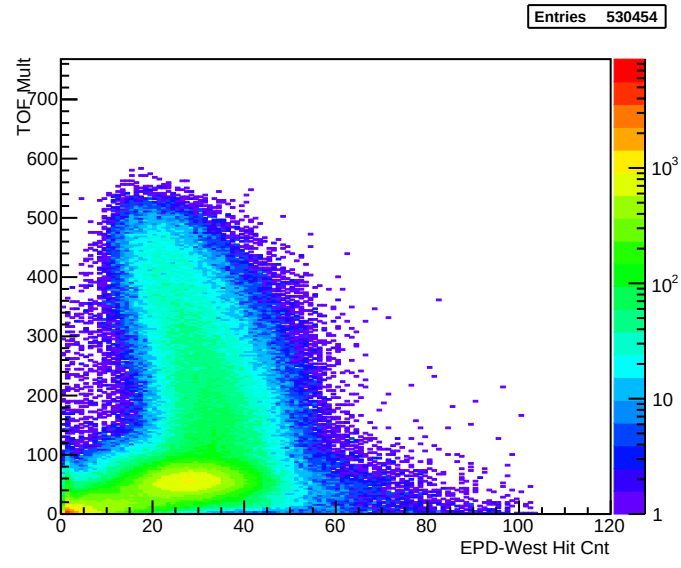

VT201 Input Ch4: VPD Adc Sum Th
Entries 1060908
285997
438339
244457
92115
East
West

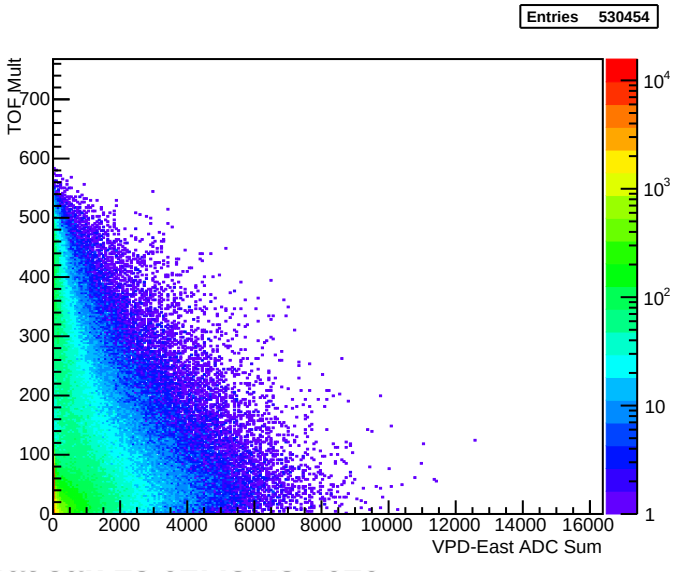

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

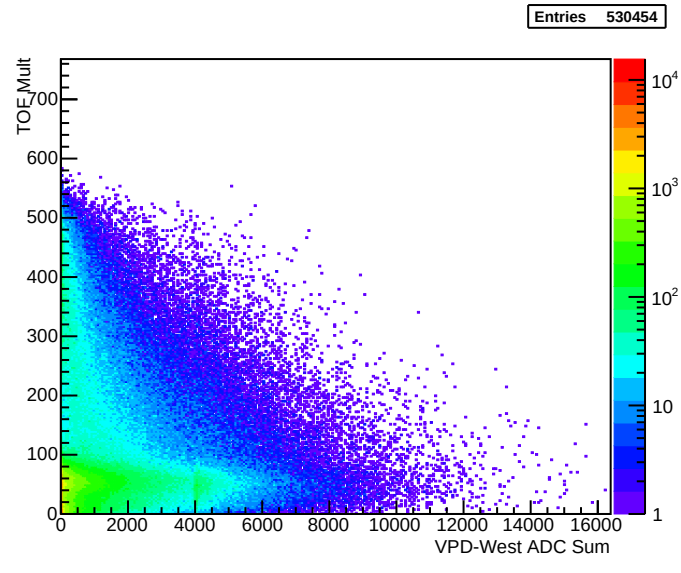

Entries 530454
TOF_Mult
BBC-S-East ADC Sum

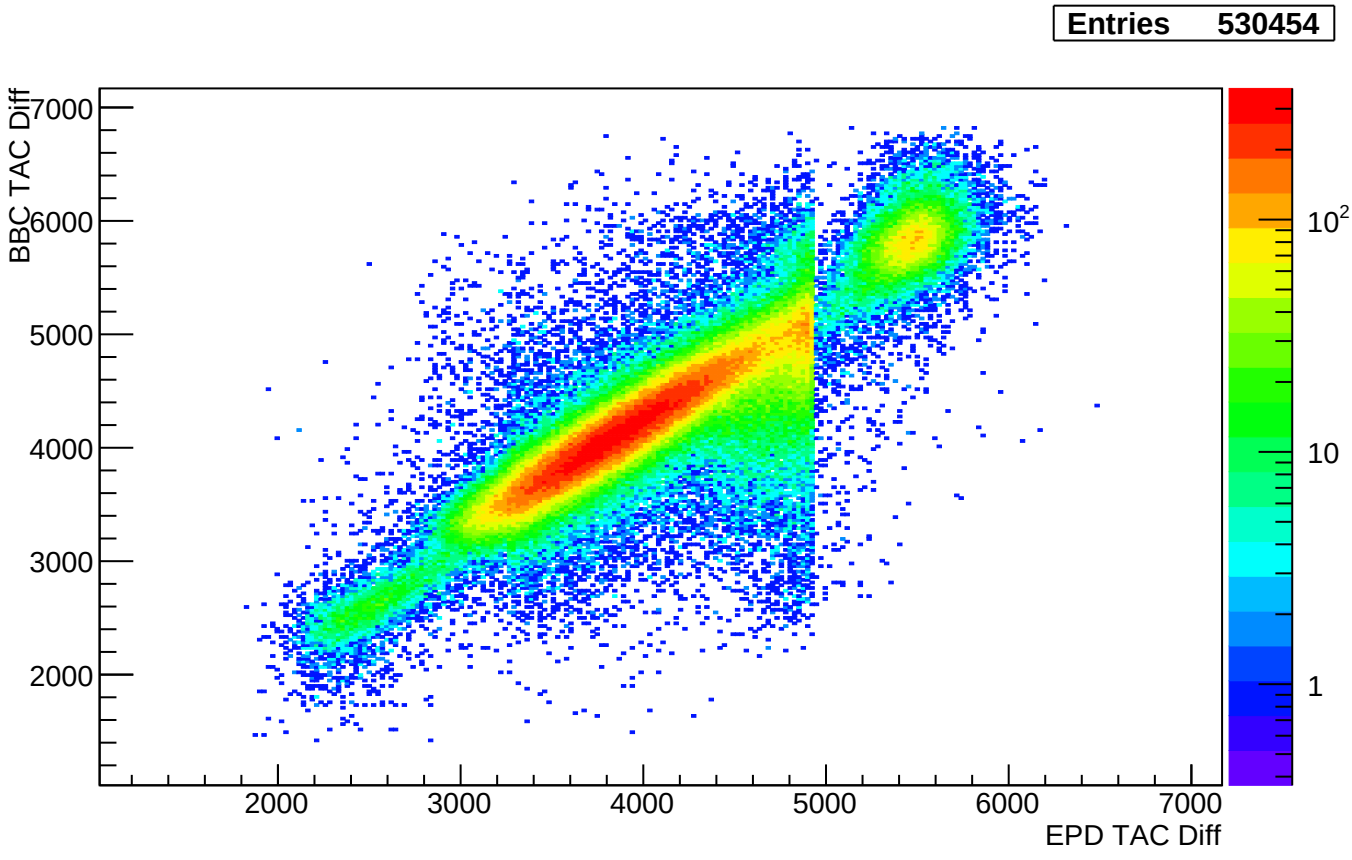

Entries 530454
TOF_Mult
BBC-S-West ADC Sum

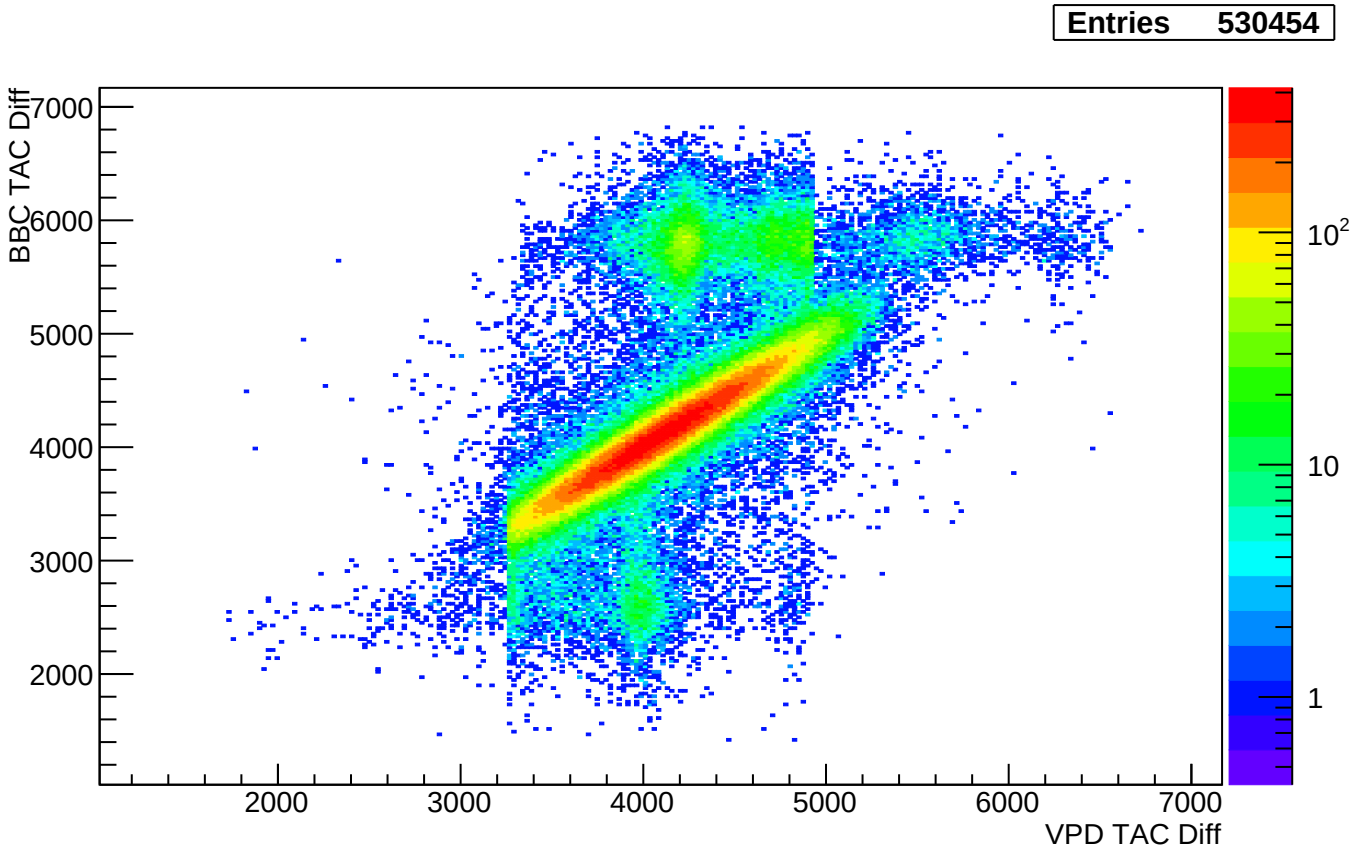

Entries 530454
TOF_Mult
EPD-East Hit Cnt

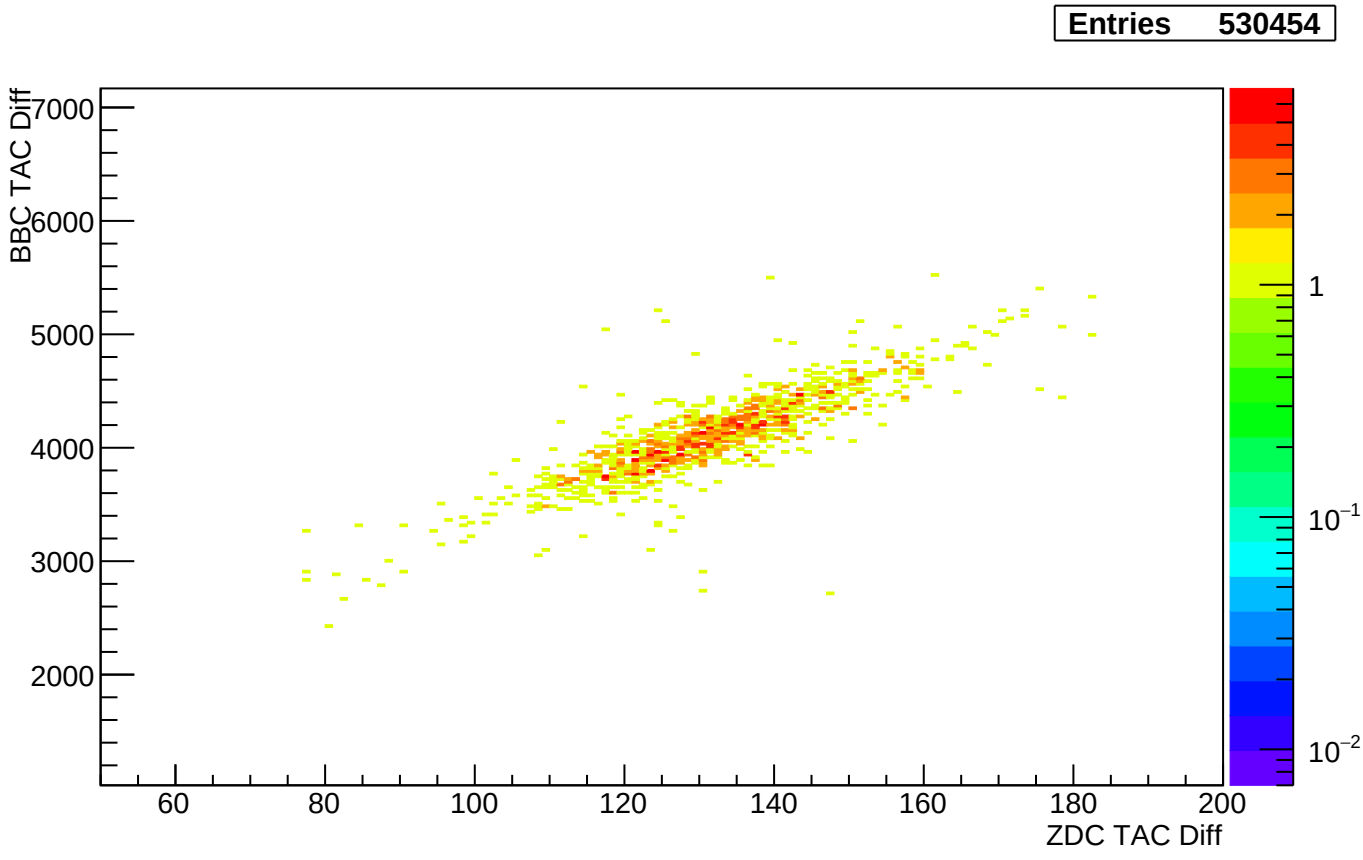

Entries 530454
TOF_Mult
EPD-West Hit Cnt

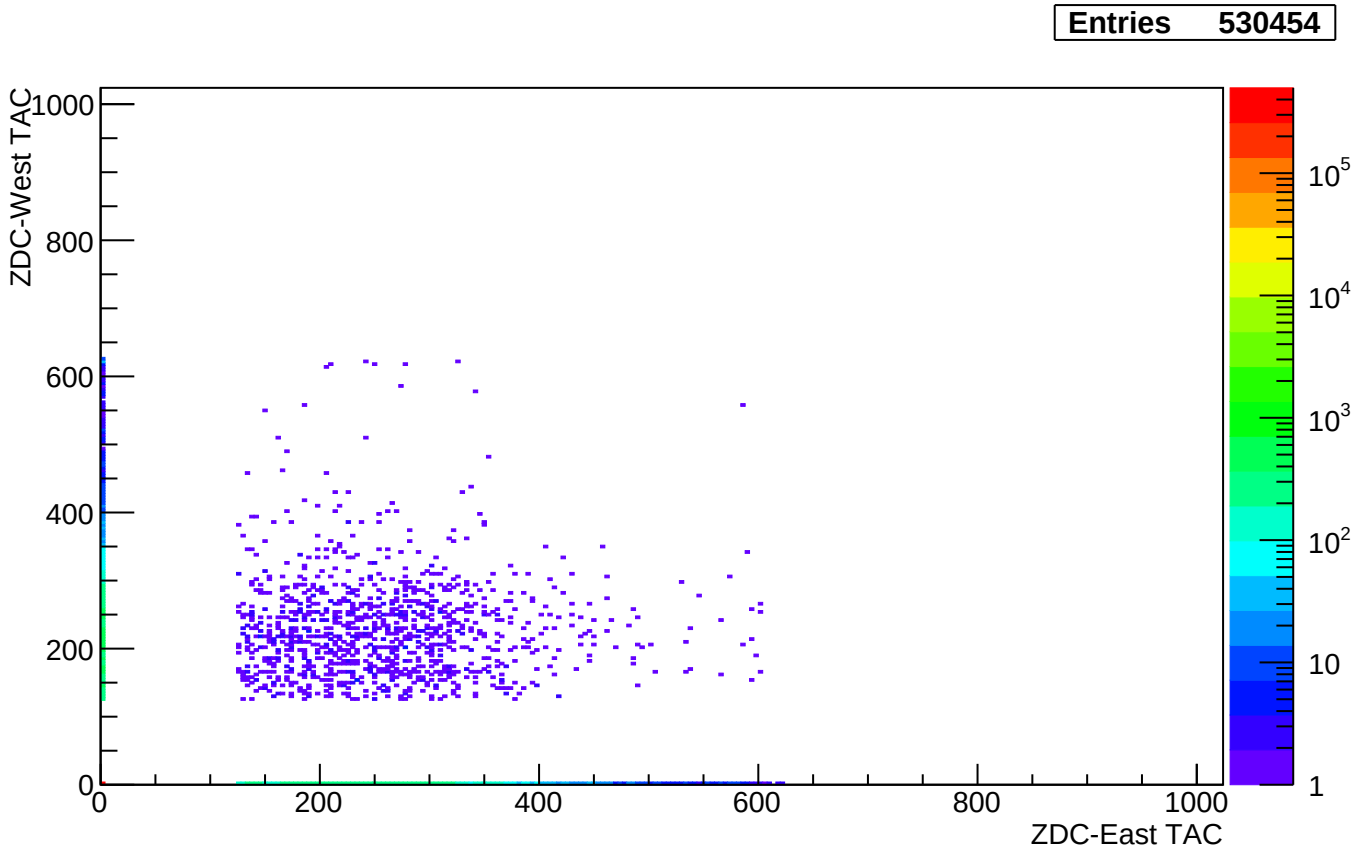

Entries 530454
TOF_Mult
VPD-East ADC Sum

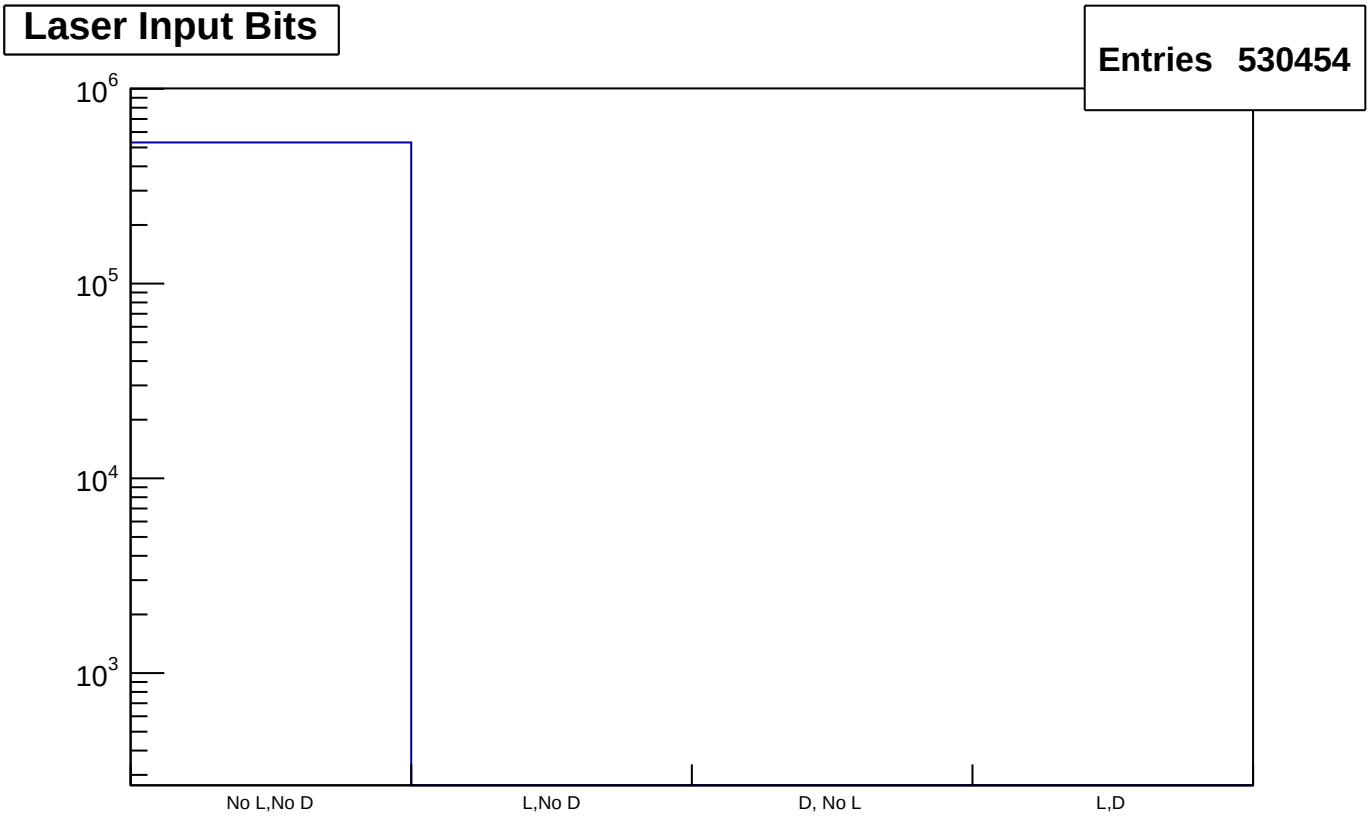

Entries 530454
TOF_Mult
VPD-West ADC Sum

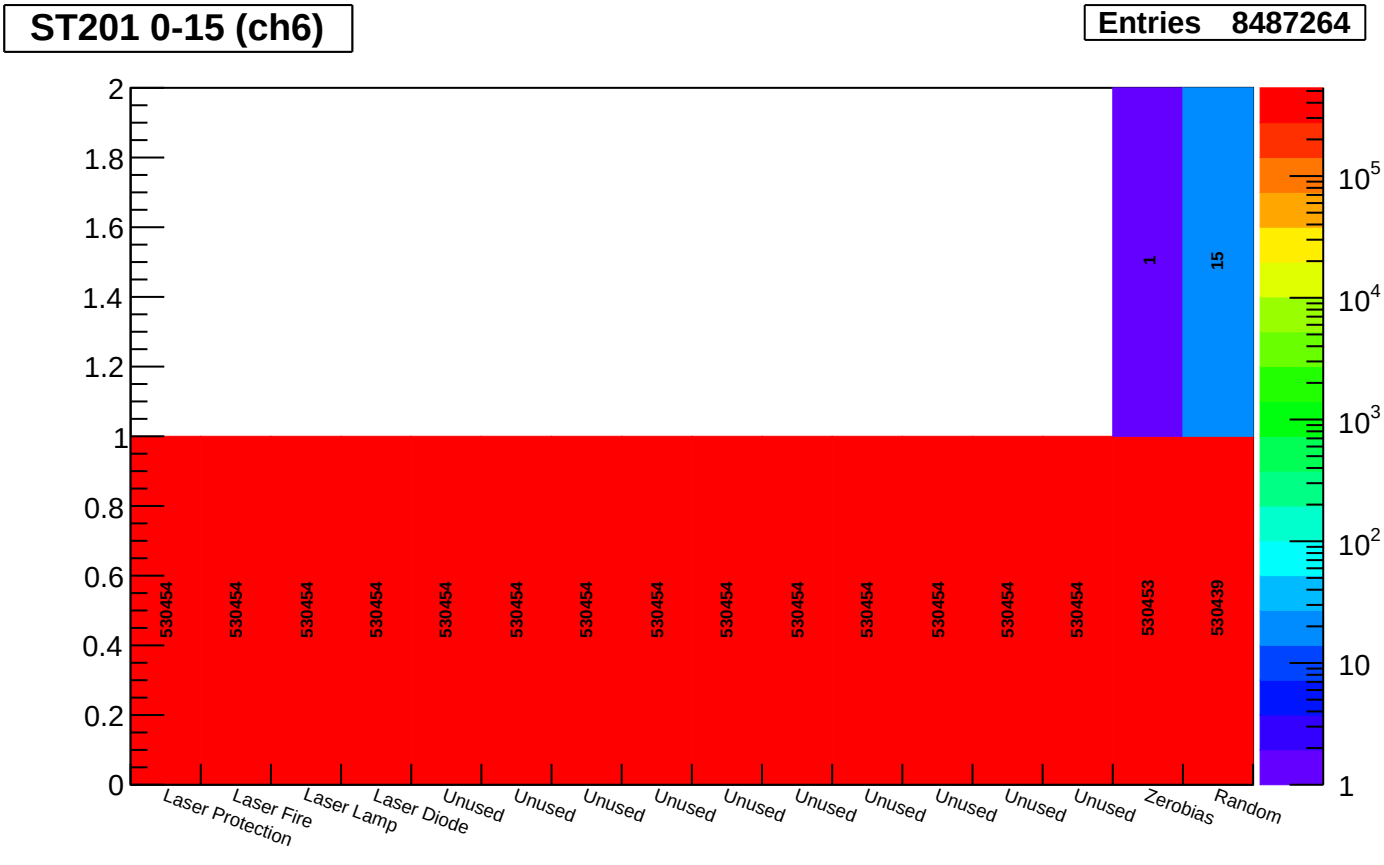

Entries 530454
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

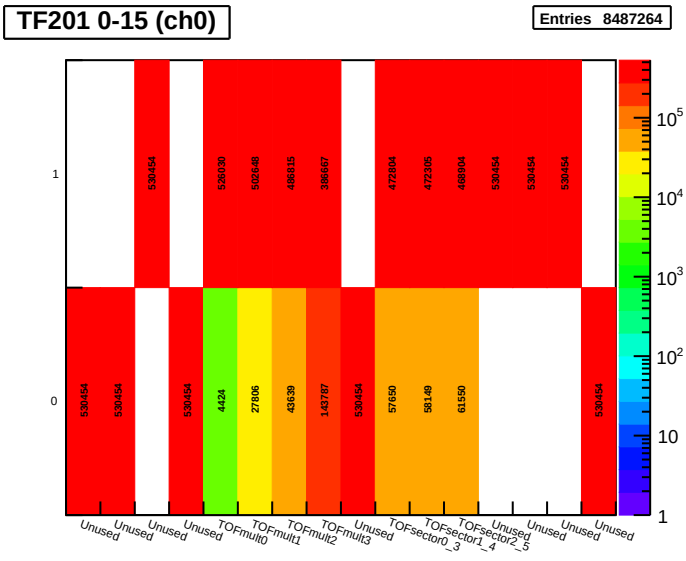

Entries 530454
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

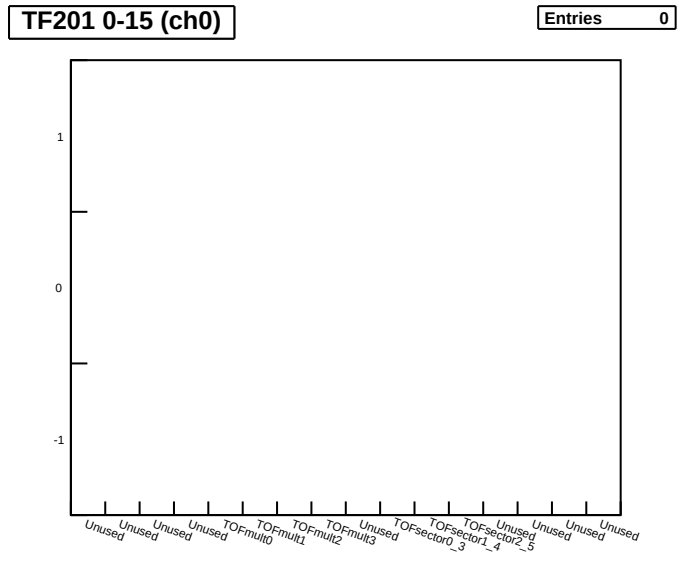

Entries 530454
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

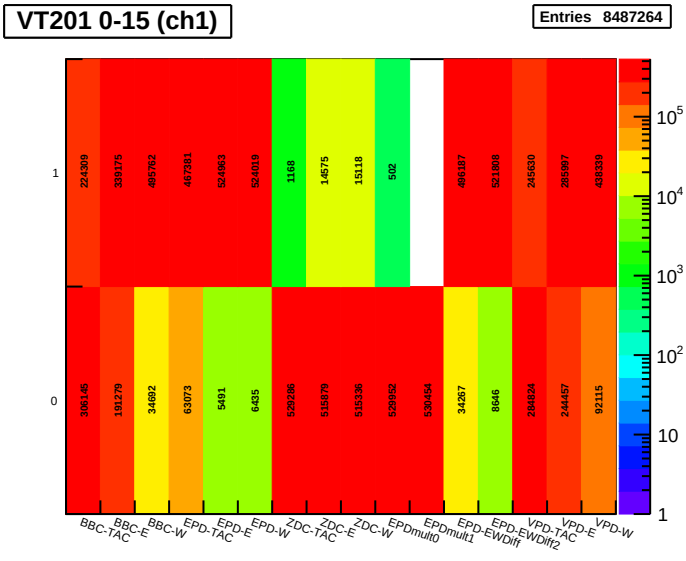

Entries 530454
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

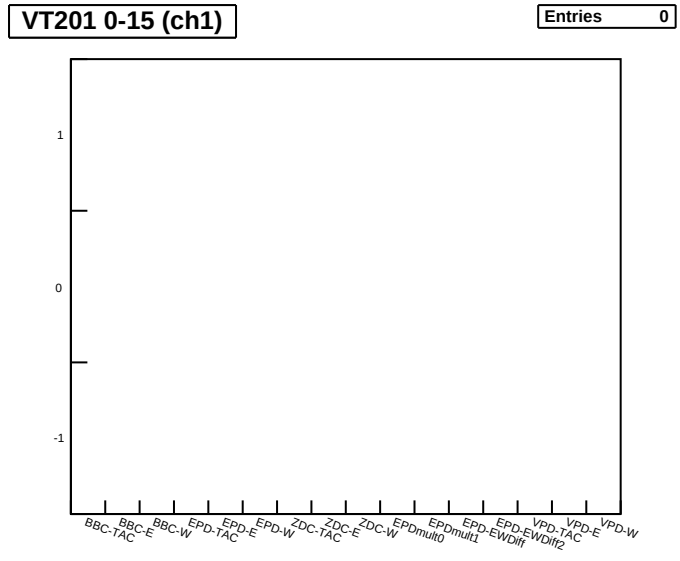

Laser Input Bits
Entries 530454
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

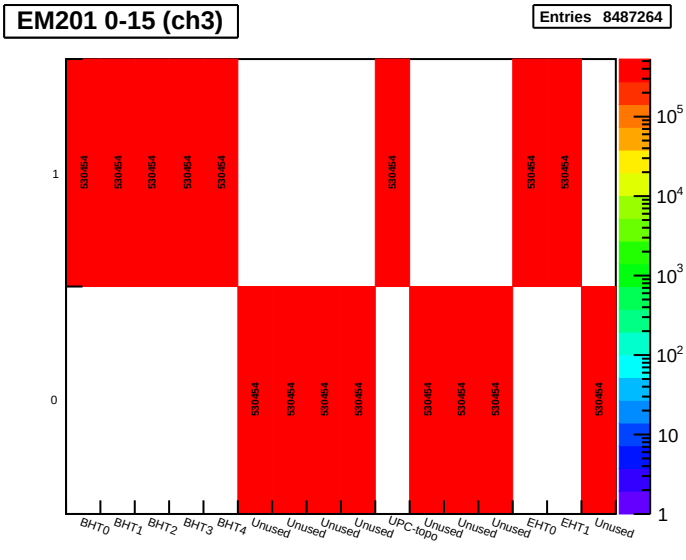

ST201 0-15 (ch6)
Entries 8487264
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
530454
530453
530439
1
15
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

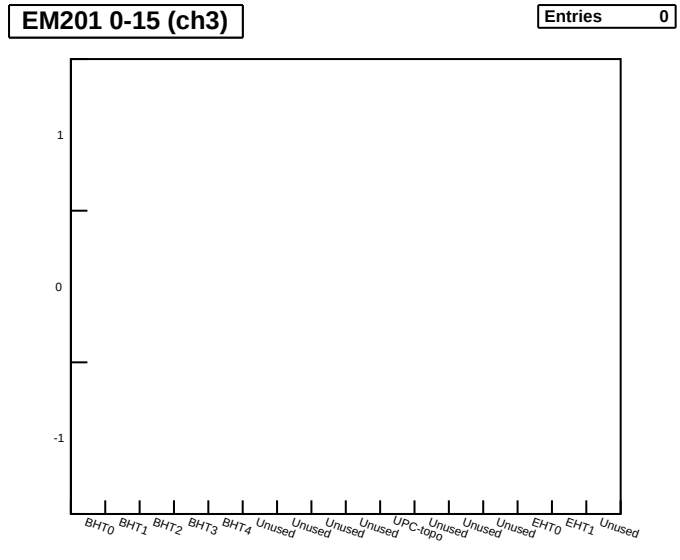

TF201 0-15 (ch0)
Entries 8487264
1
0
530454
526030
502648
486815
386667
472804
472305
468904
530454
530454
530454
530454
530454
530454
4424
27806
43639
143787
530454
57650
58149
61550
530454
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 8487264
1
0
224309
339175
495762
497381
524963
524019
1168
14575
15118
502
486187
521808
245630
285997
438339
306145
191279
34692
63073
5491
6435
529236
515879
515336
529952
530454
34267
8646
284824
244457
92115
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 8487264
1
0
530454
530454
530454
530454
530454
530454
530454
530454
530454
530454
530454
530454
530454
530454
530454
530454
530454
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1