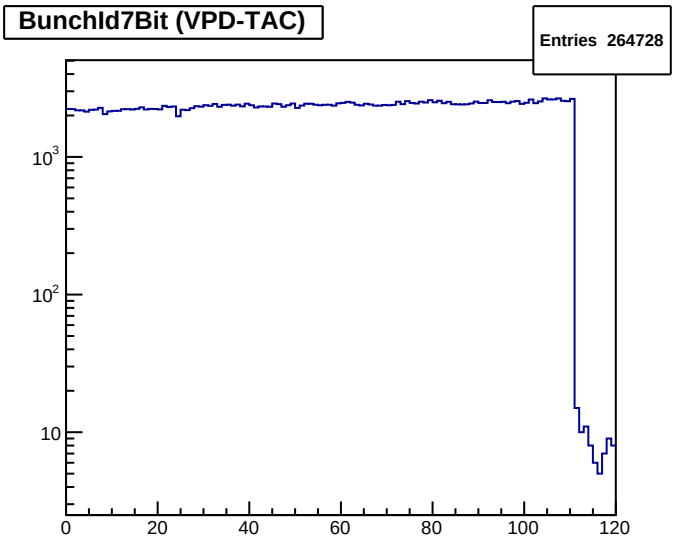
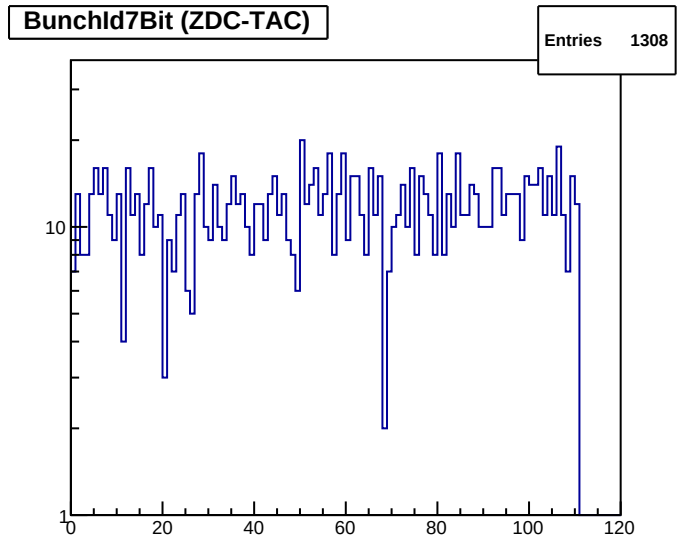
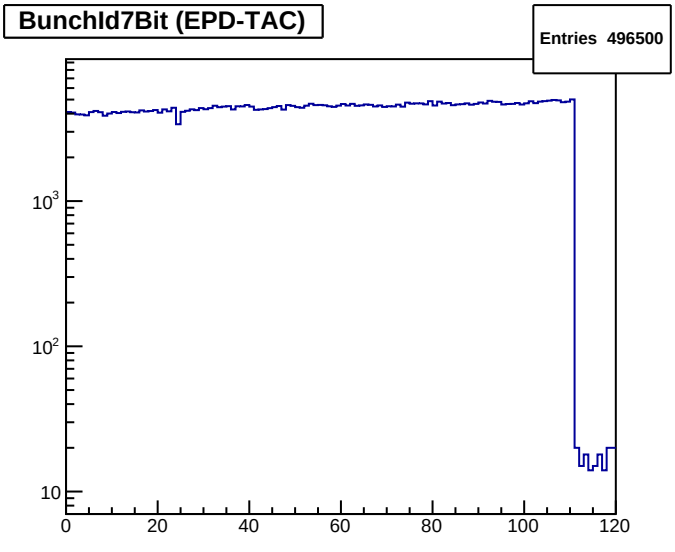
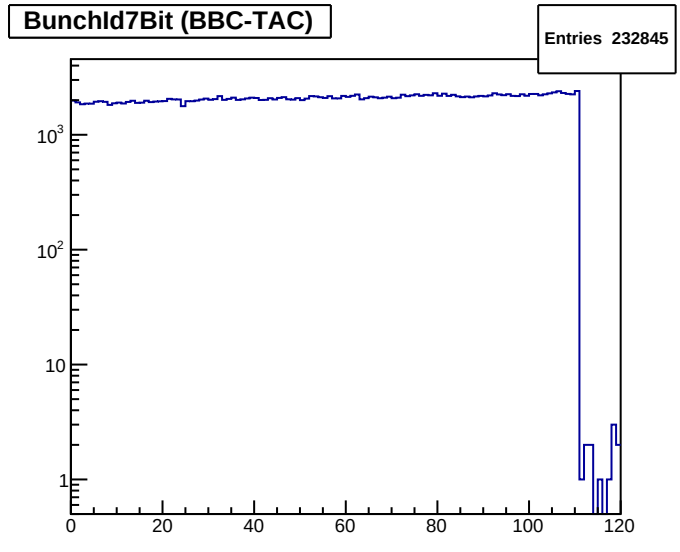
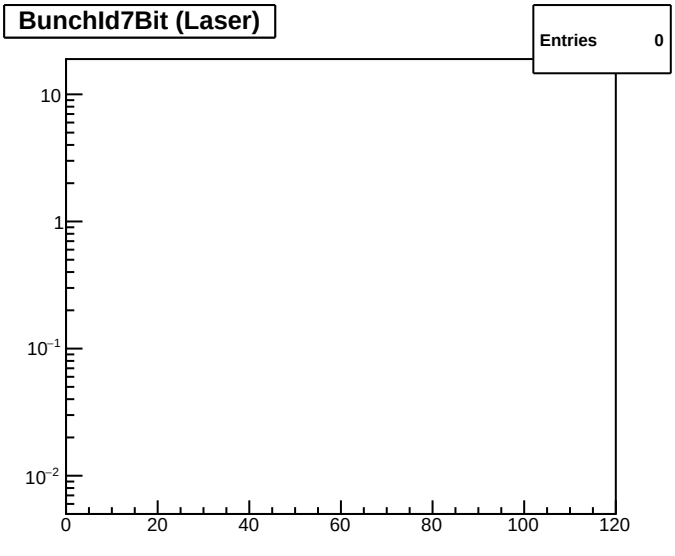
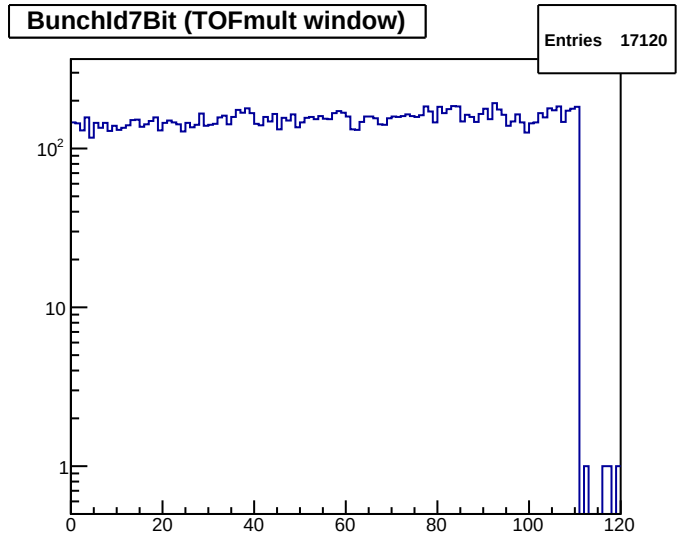

BunchId7Bit (VPD-TAC)
Entries 264728

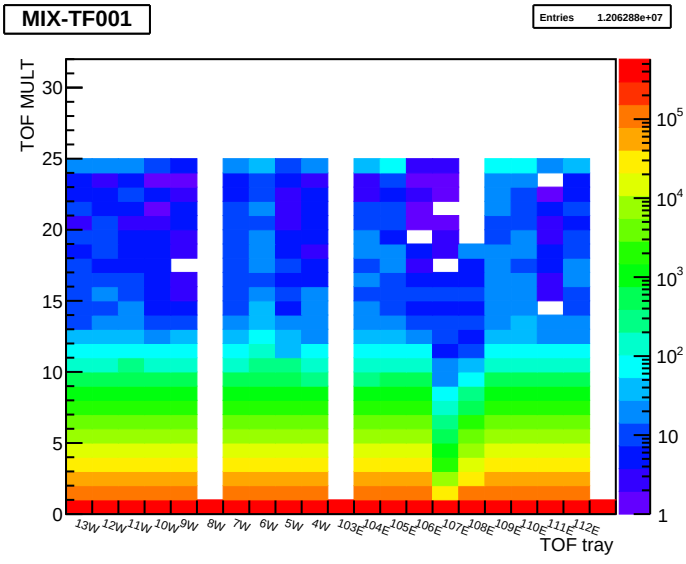

BunchId7Bit (ZDC-TAC)
Entries 1308

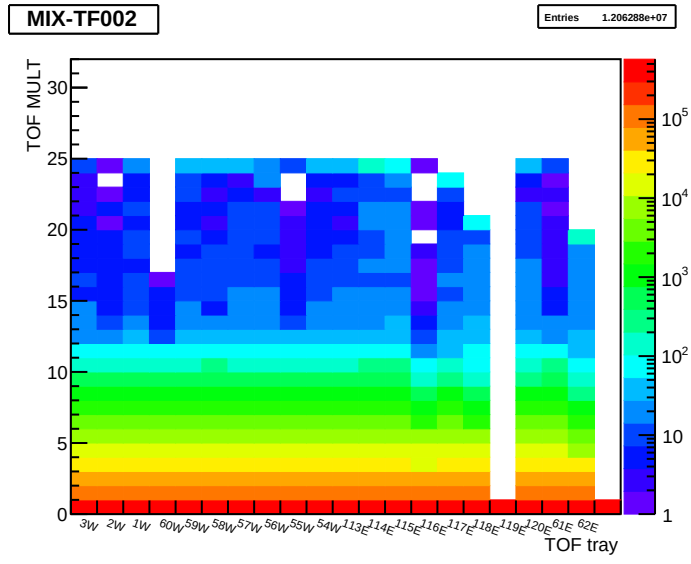

BunchId7Bit (EPD-TAC)
Entries 496500

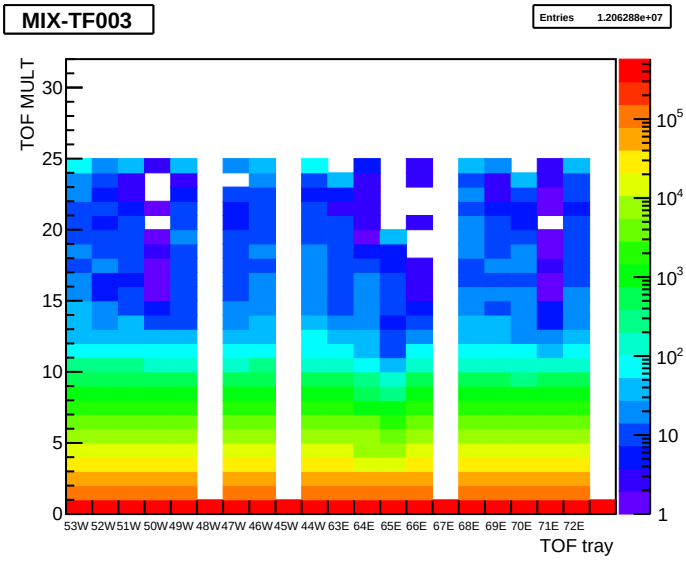

BunchId7Bit (BBC-TAC)
Entries 232845

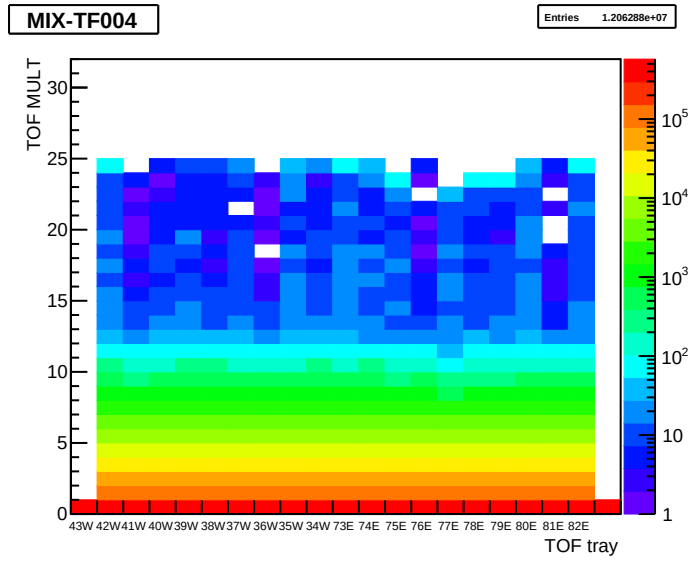

BunchId7Bit (Laser)
Entries 0

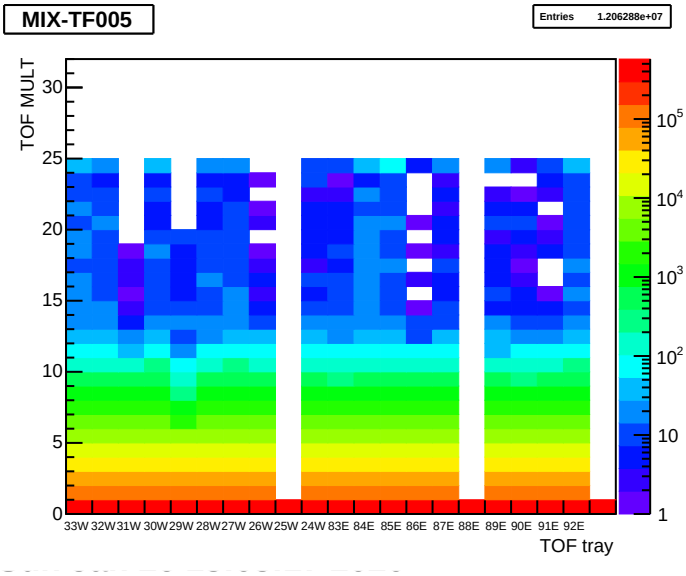

BunchId7Bit (TOFmult window)
Entries 17120

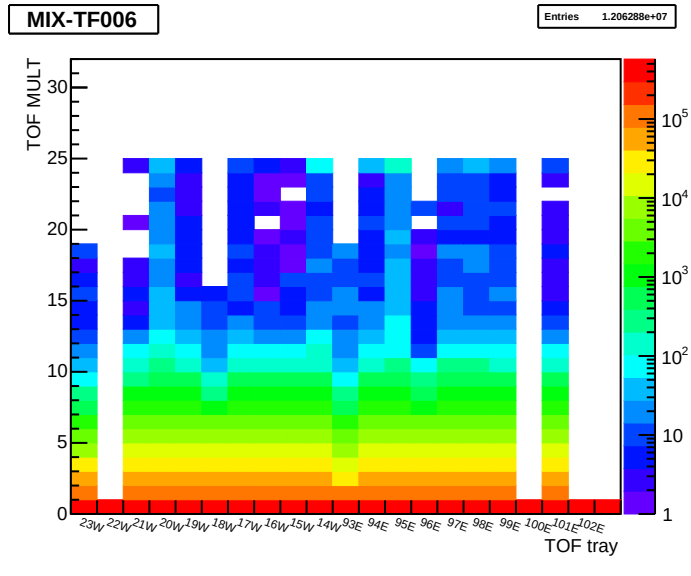

MIX-TF001
Entries 1.206288e+07
TOF MULT
TOF tray

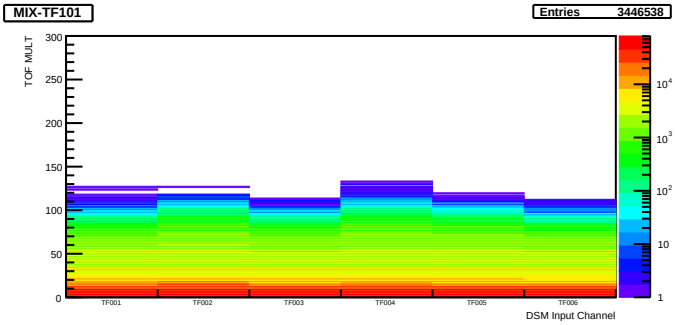

MIX-TF002
Entries 1.206288e+07
TOF MULT
TOF tray

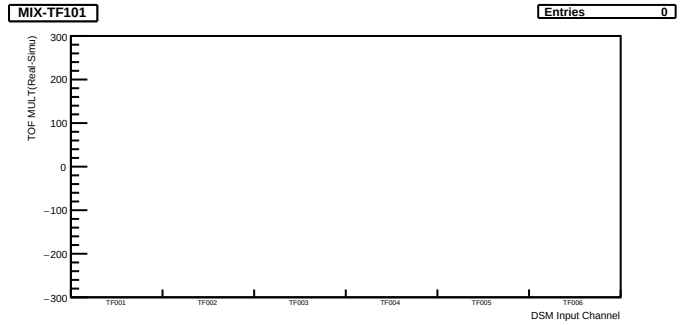

MIX-TF003
Entries 1.206288e+07
TOF MULT
TOF tray

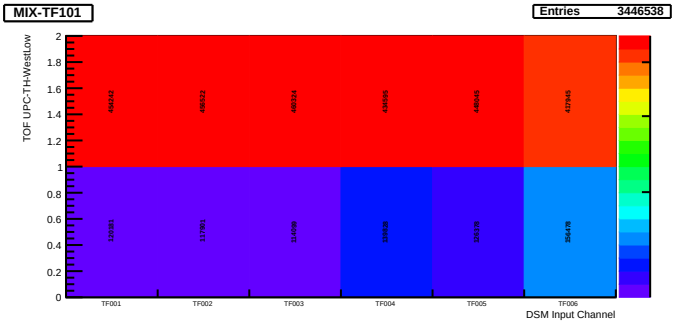

MIX-TF004
Entries 1.206288e+07
TOF MULT
TOF tray

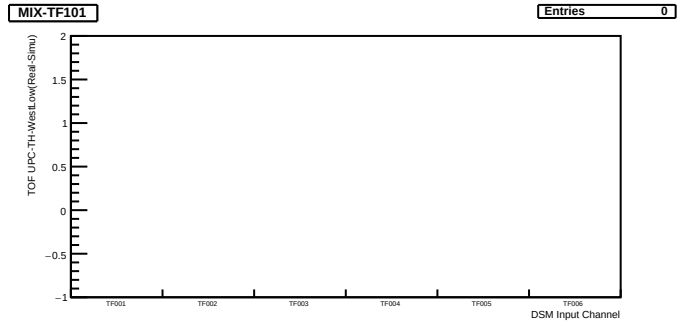

MIX-TF005
Entries 1.206288e+07
TOF MULT
TOF tray

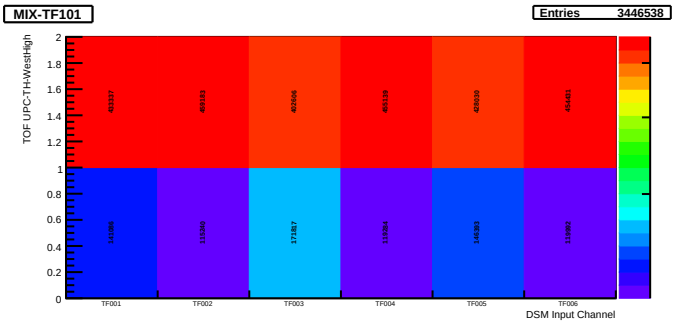

MIX-TF006
Entries 1.206288e+07
TOF MULT
TOF tray

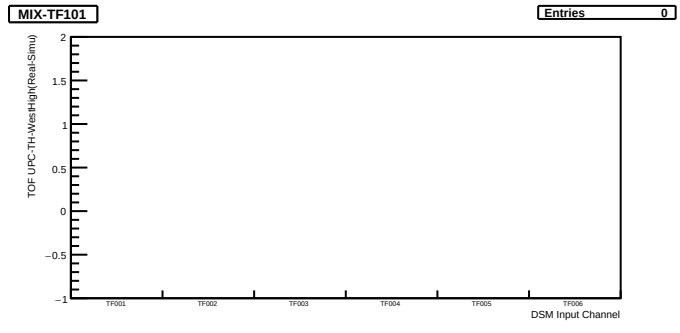

MIX-TF101
Entries 3446538
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

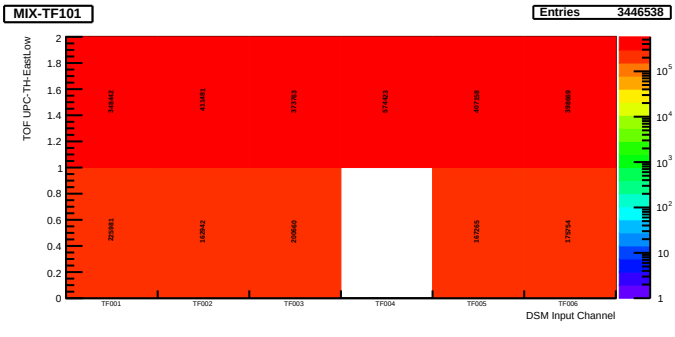

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

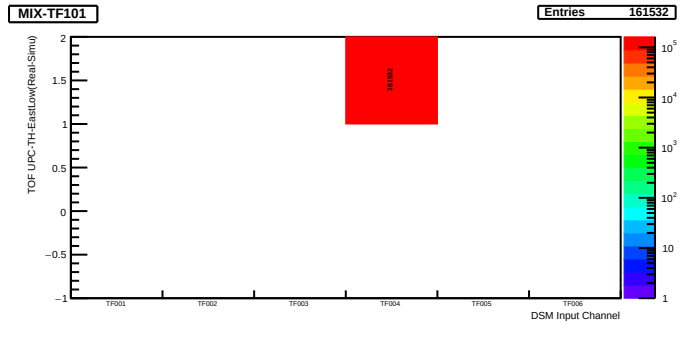

MIX-TF101
Entries 3446538
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

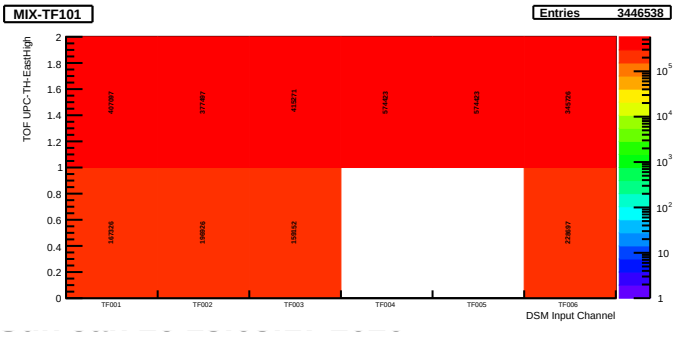

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

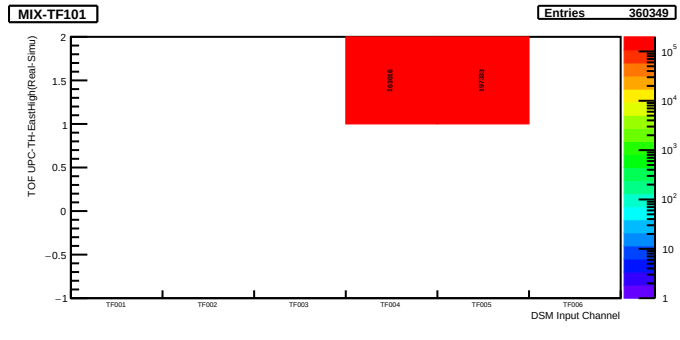

MIX-TF101
Entries 3446538
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

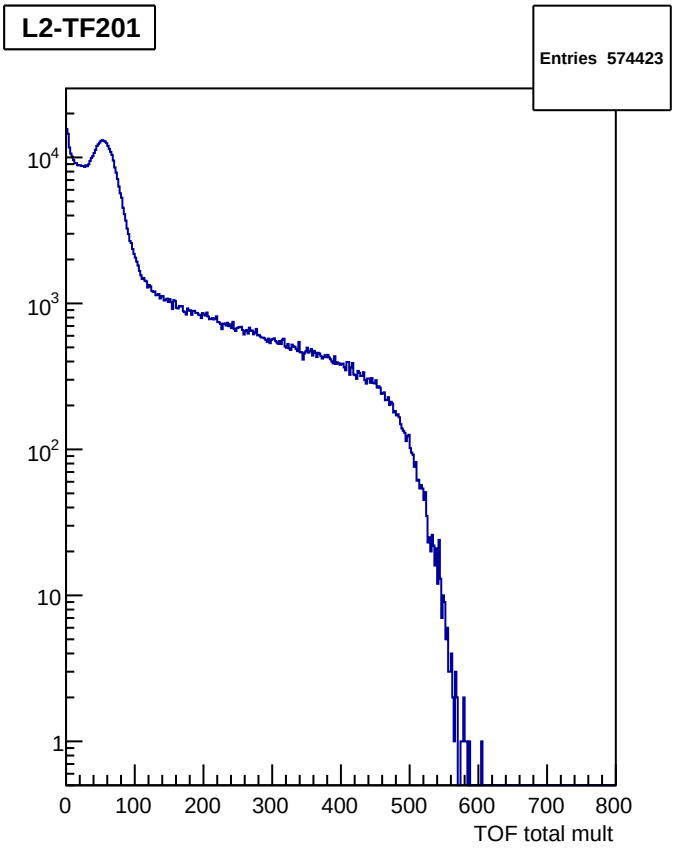

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

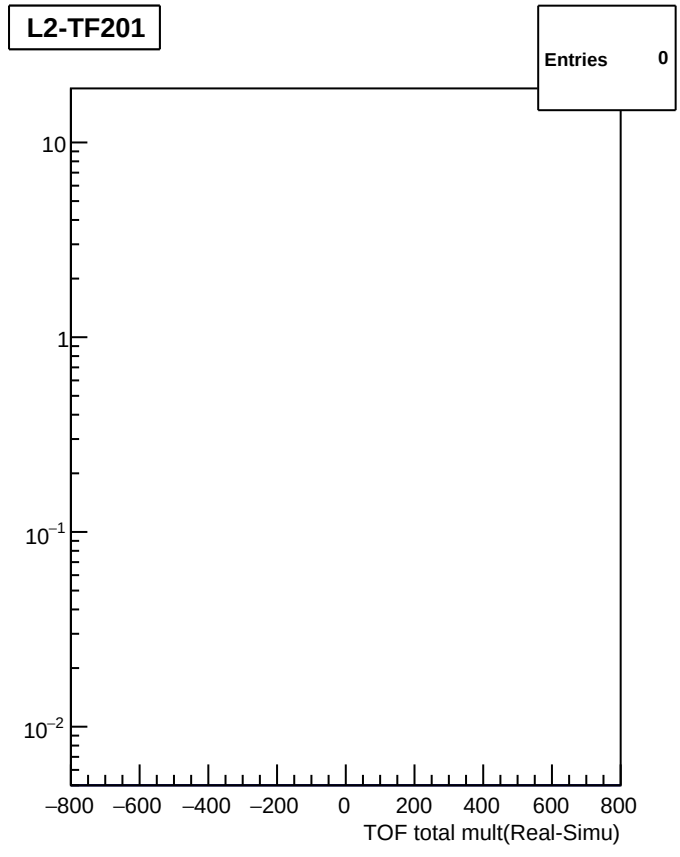

MIX-TF101
Entries 3446538
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

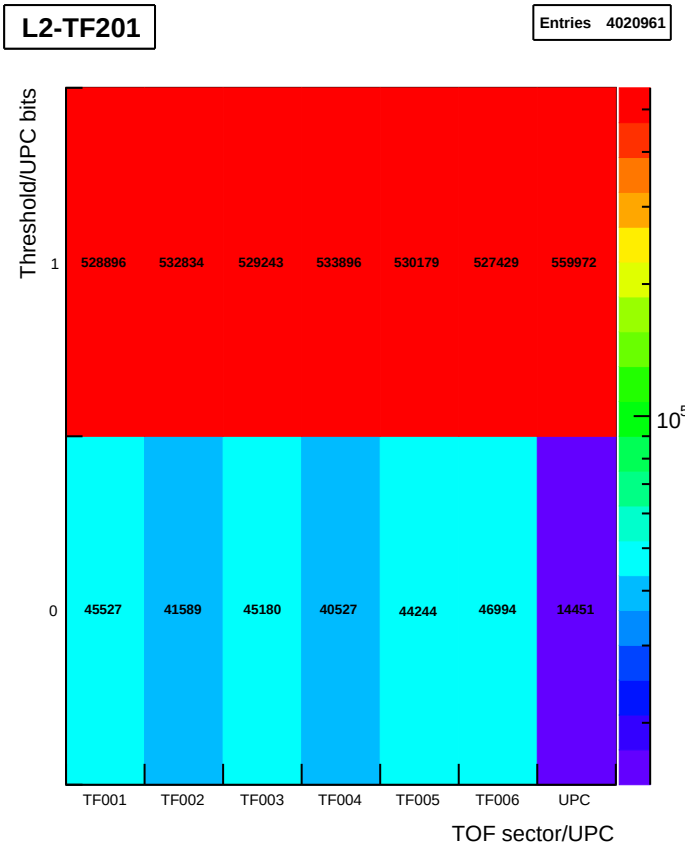

MIX-TF101
Entries 161532
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

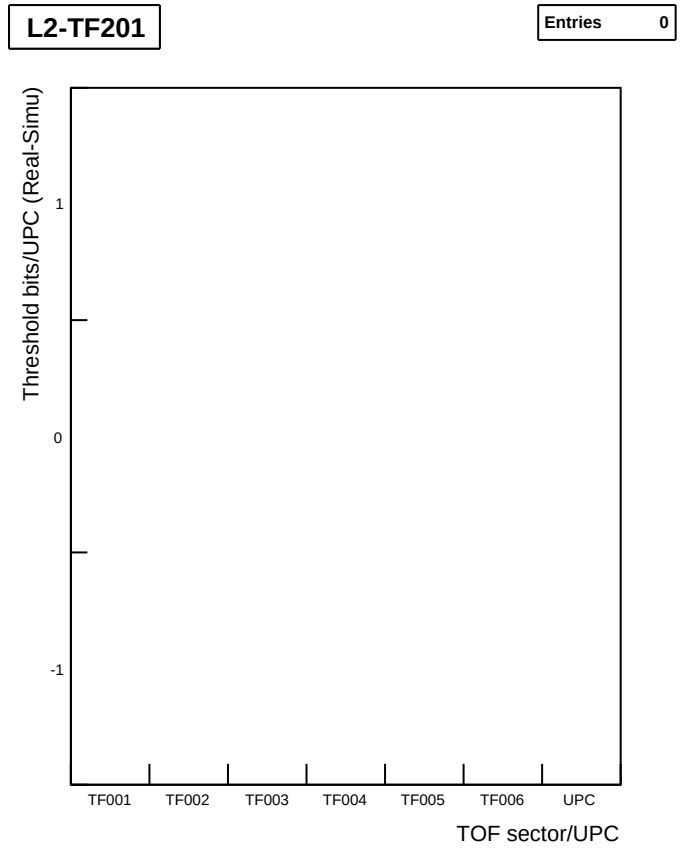

MIX-TF101
Entries 3446538
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

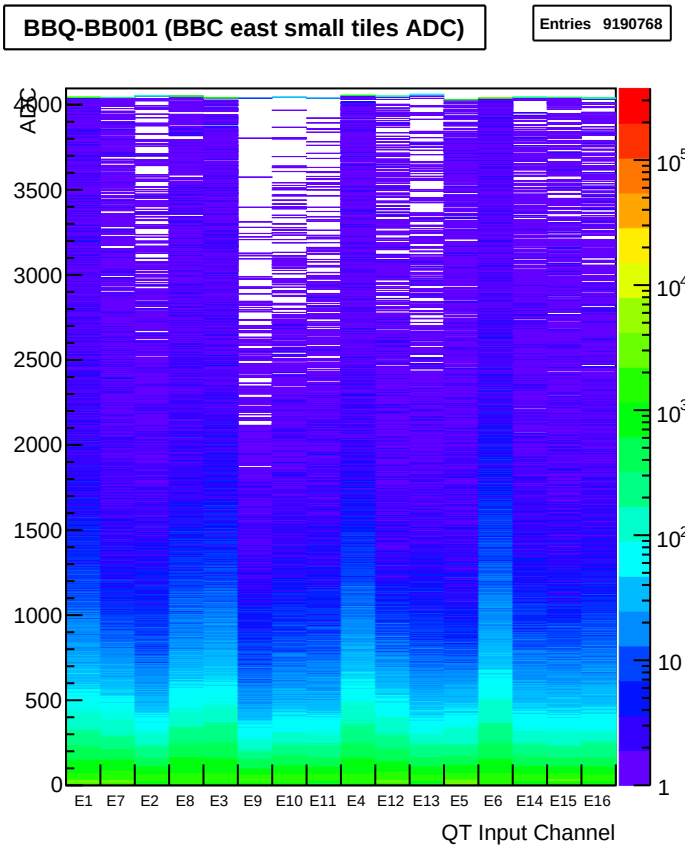

MIX-TF101
Entries 360349
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

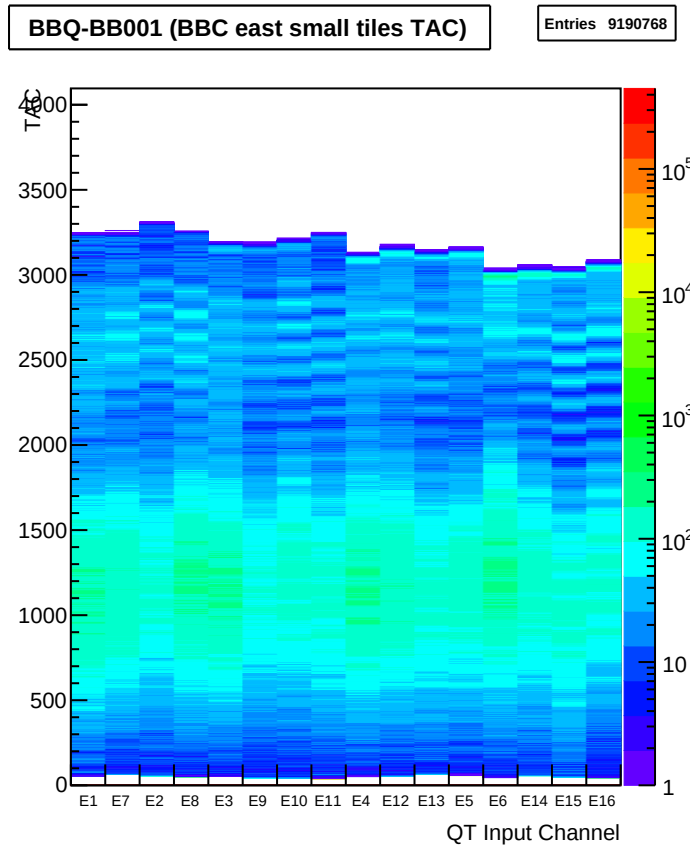

L2-TF201
Entries 574423
TOF total mult

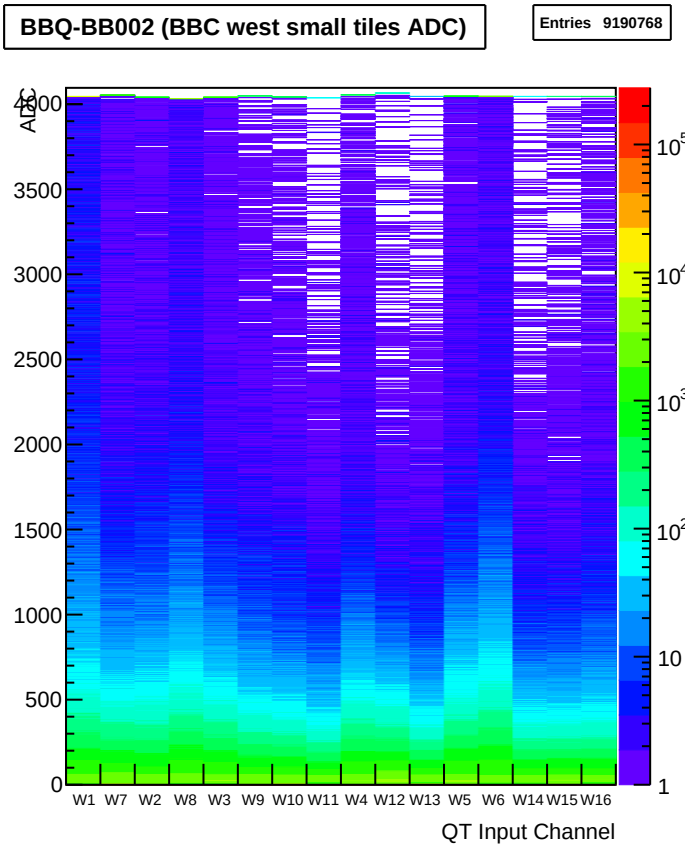

L2-TF201
Entries 0
TOF total mult(Real-Simu)

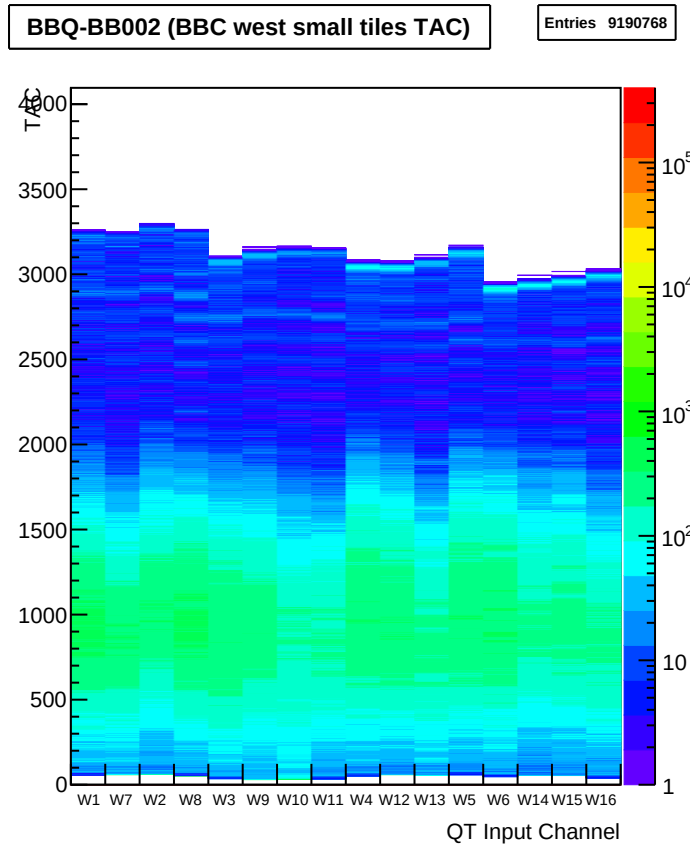

L2-TF201
Entries 4020961
Threshold/UPC bits
528896
532834
529243
533896
530179
527429
559972
45527
41589
45180
40527
44244
46994
14451
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

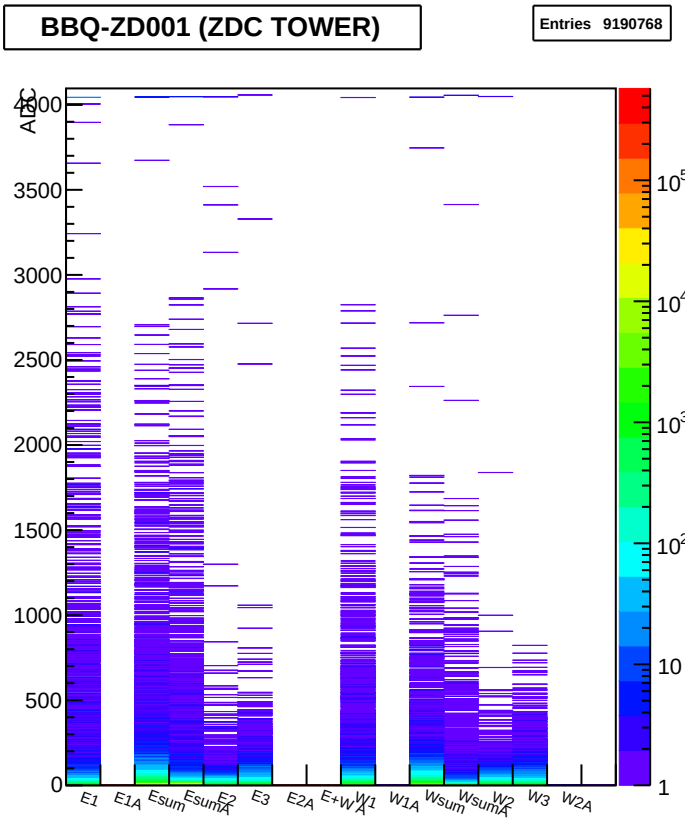

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

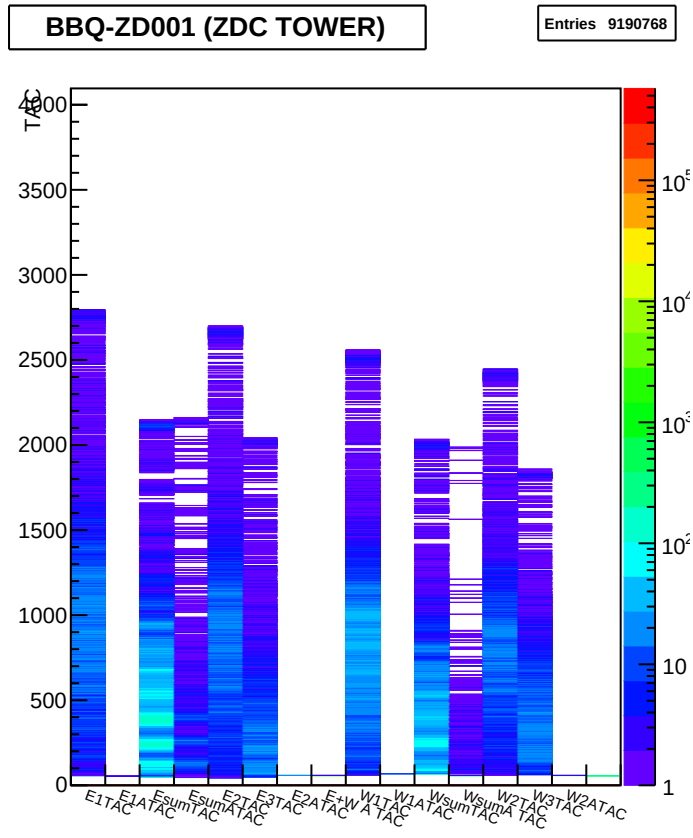

BBQ-BB001 (BBC east small tiles ADC)
Entries 9190768
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

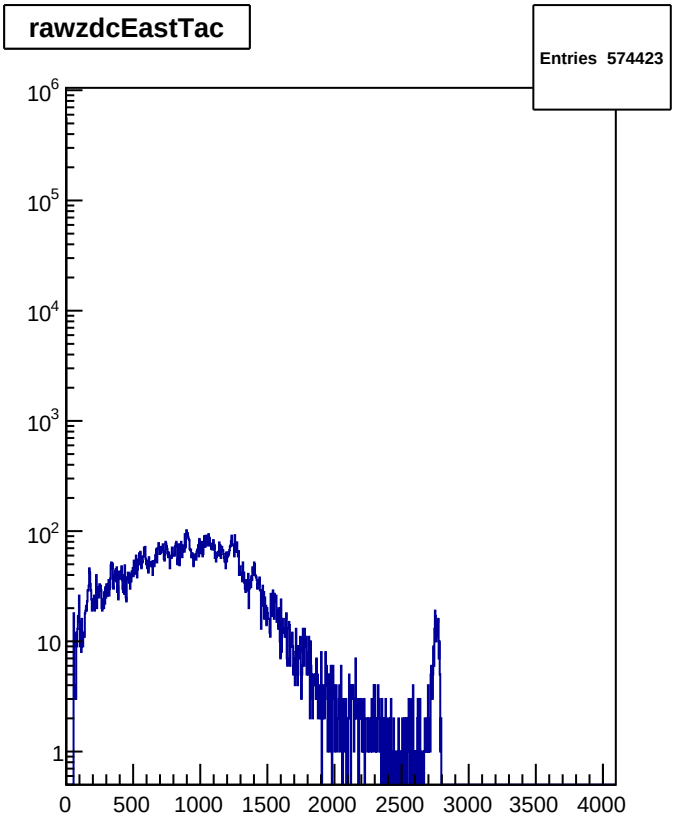

BBQ-BB001 (BBC east small tiles TAC)
Entries 9190768
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

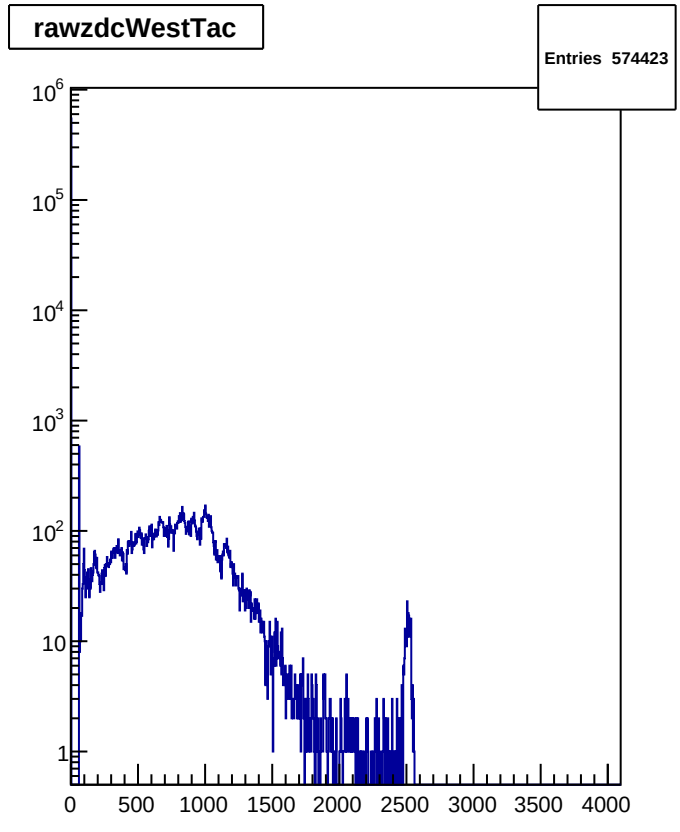

BBQ-BB002 (BBC west small tiles ADC)
Entries 9190768
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

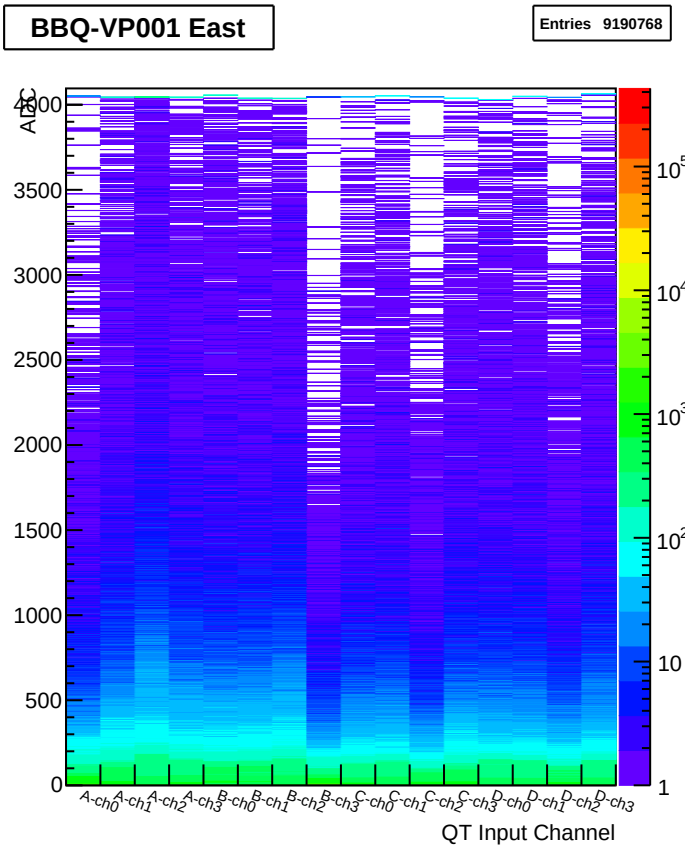

BBQ-BB002 (BBC west small tiles TAC)
Entries 9190768
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

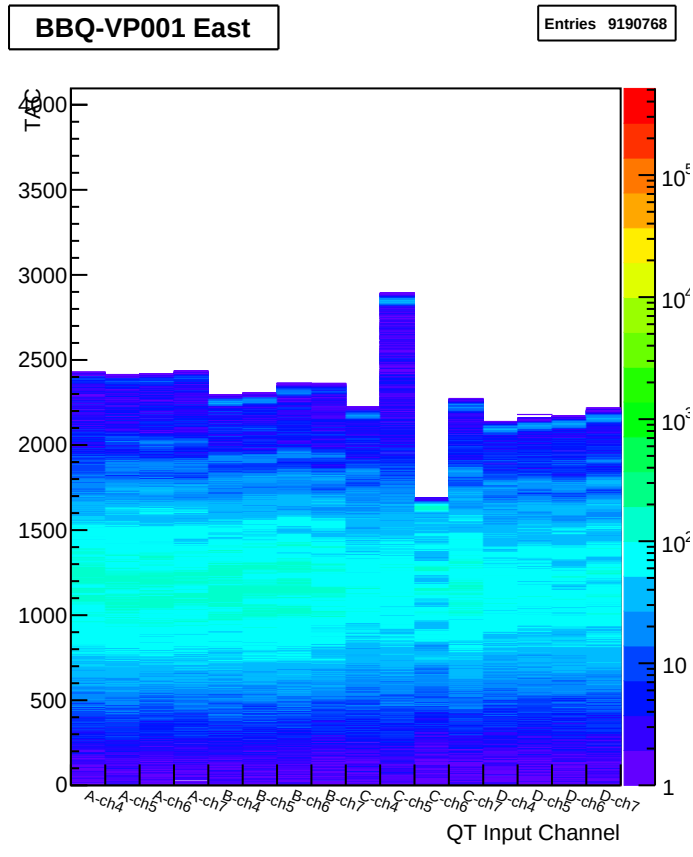

BBQ-ZD001 (ZDC TOWER)
Entries 9190768
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1
Wsum
WsumA
W2
W3
W2A

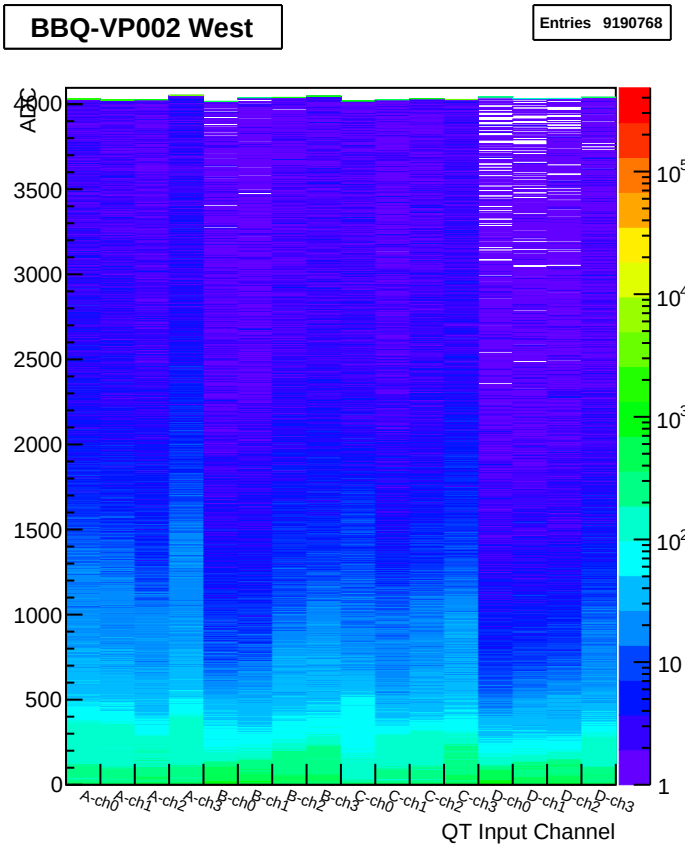

BBQ-ZD001 (ZDC TOWER)
Entries 9190768
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

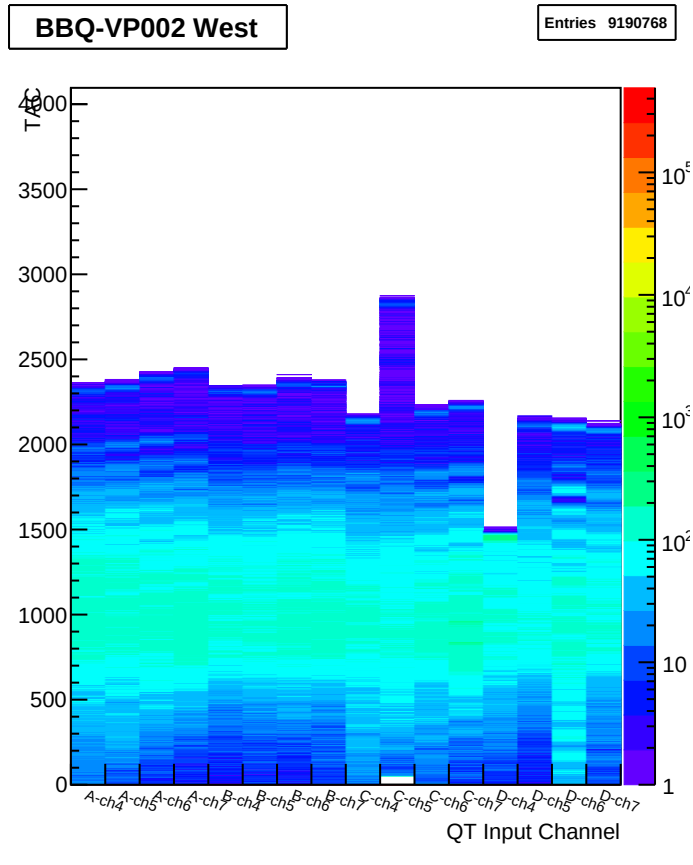

rawzdcEastTac
Entries 574423

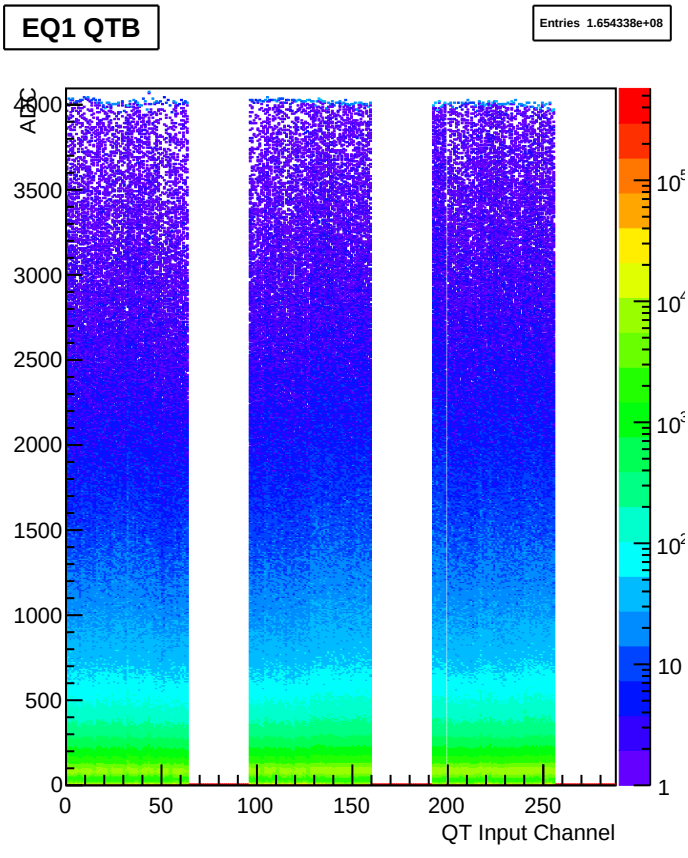

rawzdcWestTac
Entries 574423

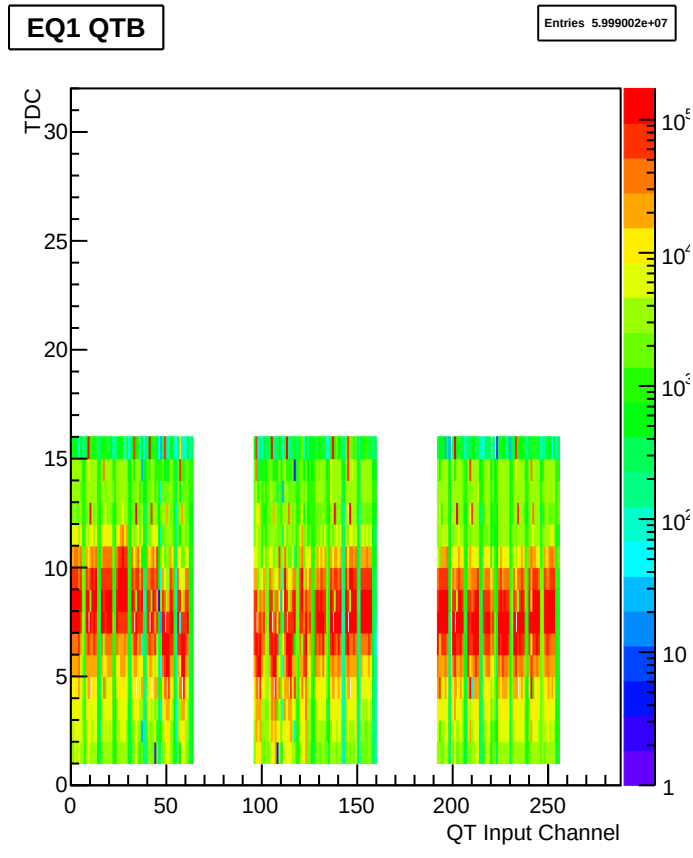

BBQ-VP001 East
Entries 9190768
ADC
QT Input Channel

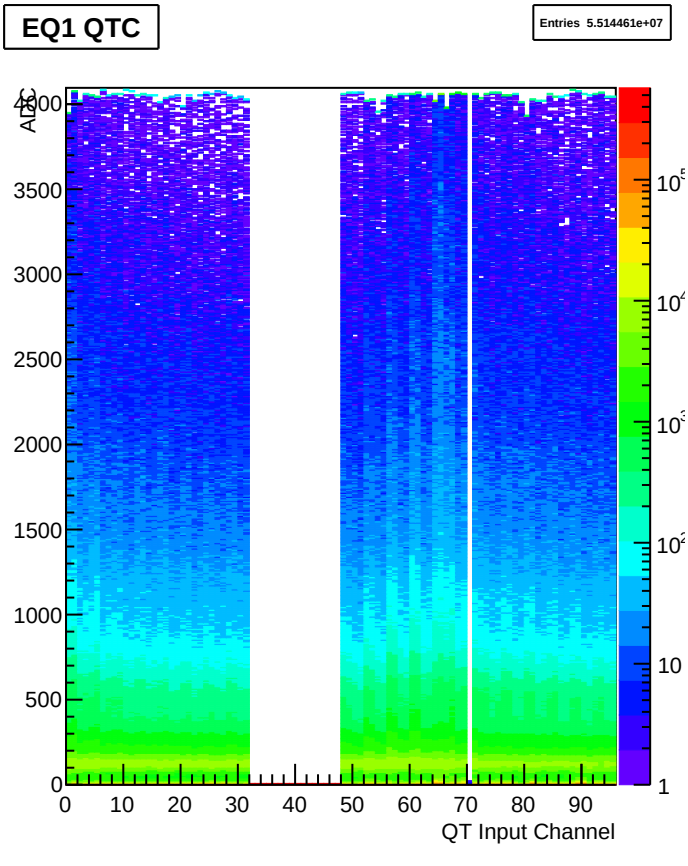

BBQ-VP001 East
Entries 9190768
ADC
QT Input Channel

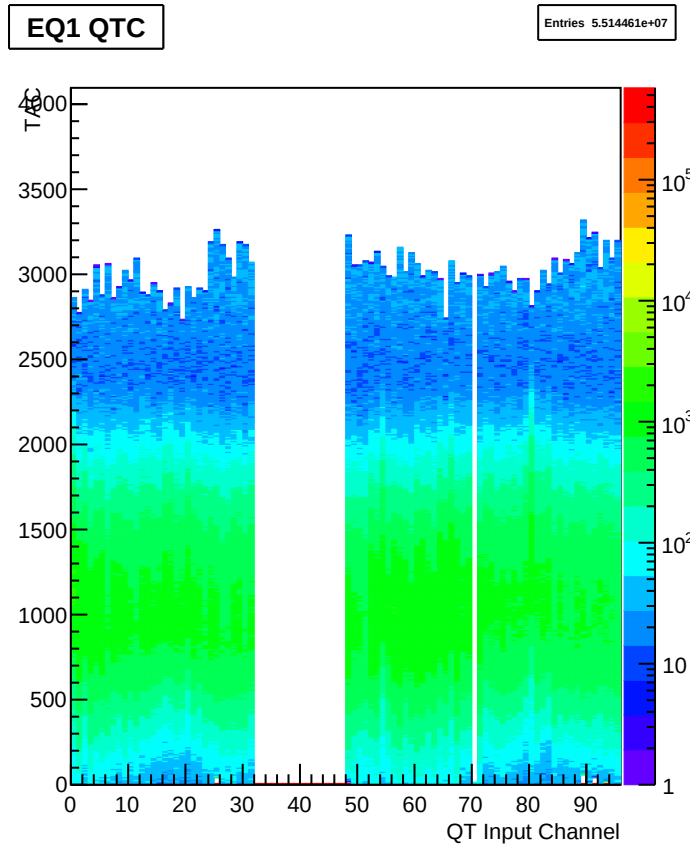

BBQ-VP002 West
Entries 9190768
ADC
QT Input Channel

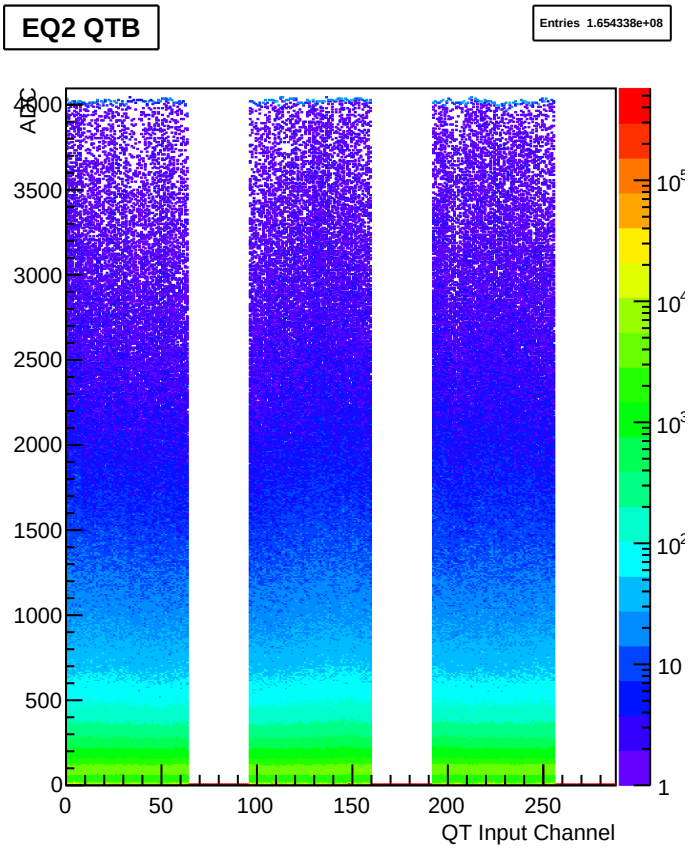

BBQ-VP002 West
Entries 9190768
ADC
QT Input Channel

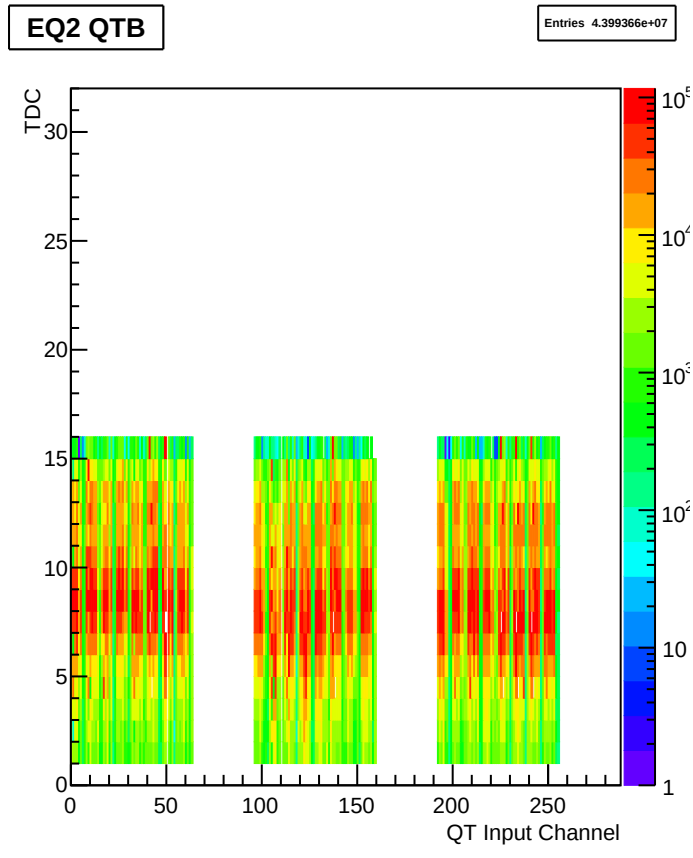

EQ1 QTB
Entries 1.654338e+08
ADC
QT Input Channel

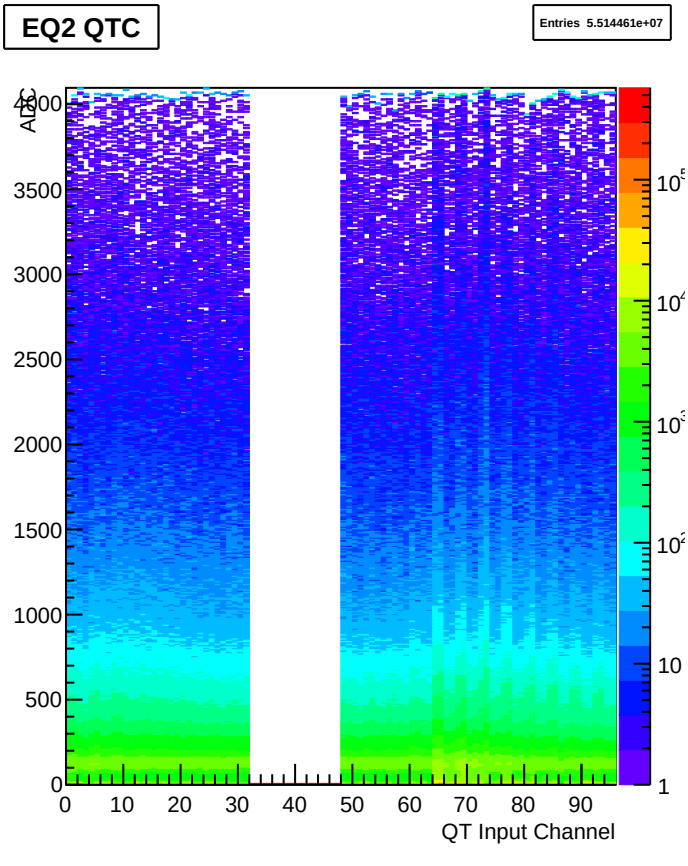

EQ1 QTB
Entries 5.999002e+07
TDC
QT Input Channel

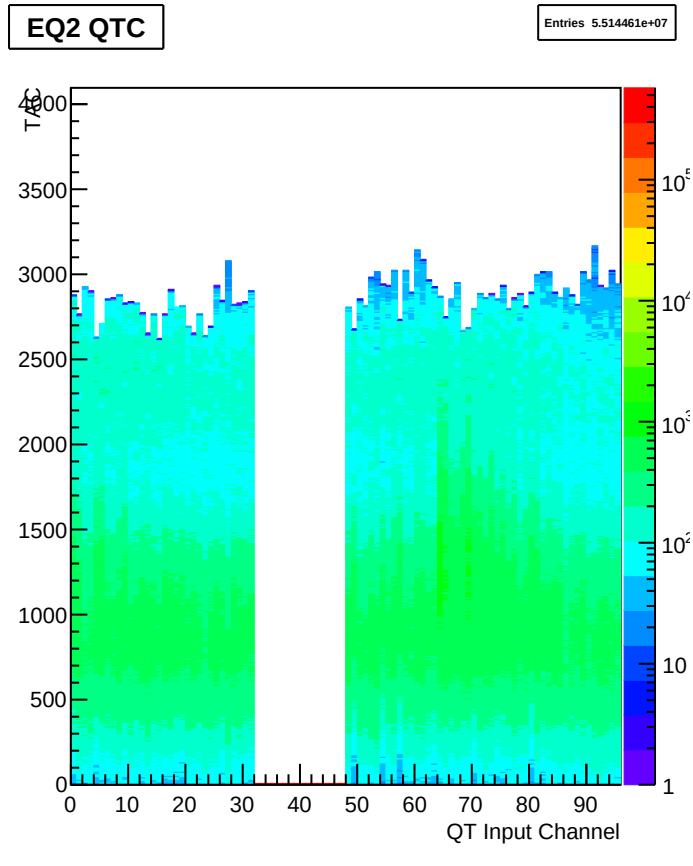

EQ1 QTC
Entries 5.514461e+07
ADC
QT Input Channel

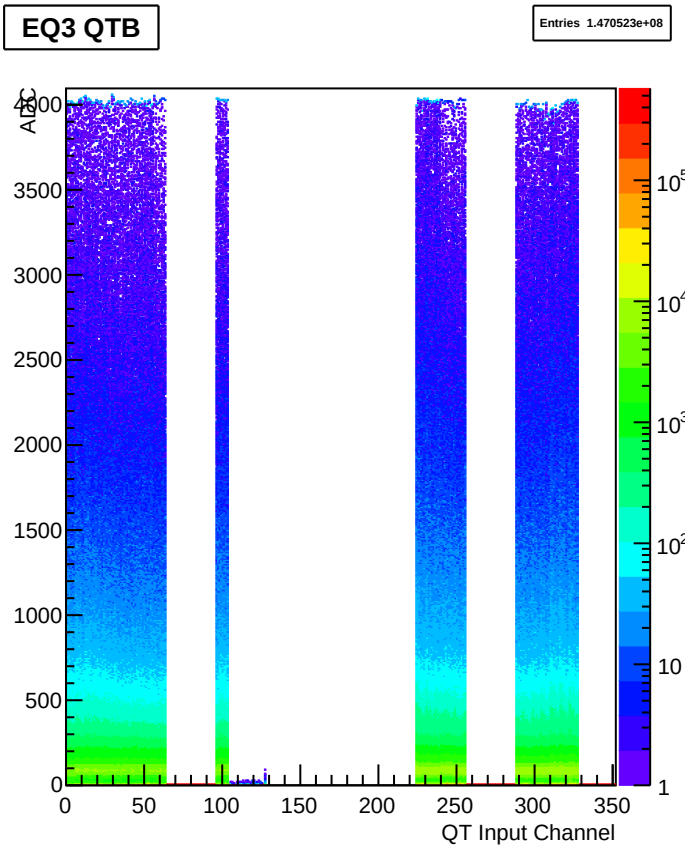

EQ1 QTC
Entries 5.514461e+07
TADC
QT Input Channel

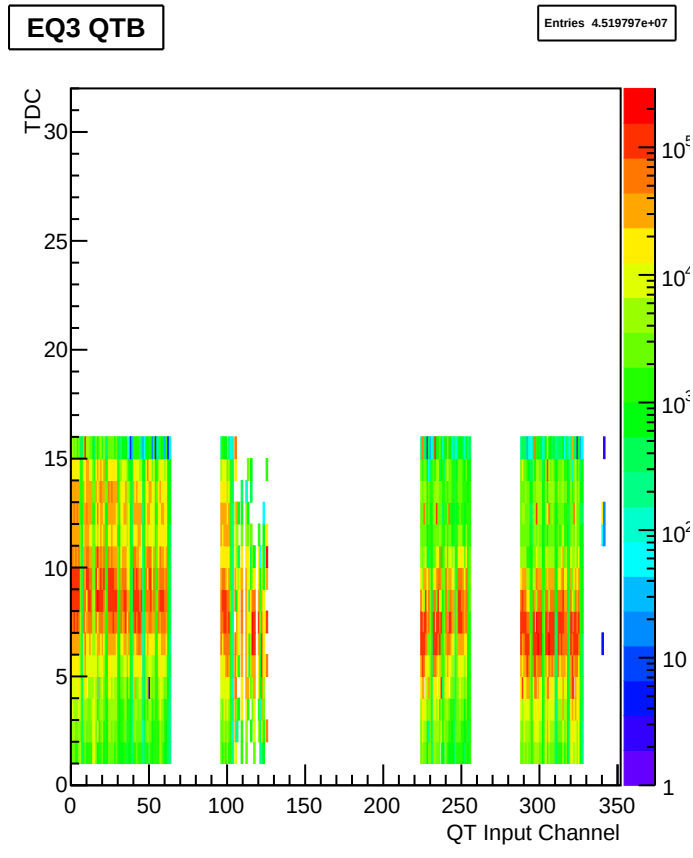

EQ2 QTB
Entries 1.654338e+08
ADC
QT Input Channel

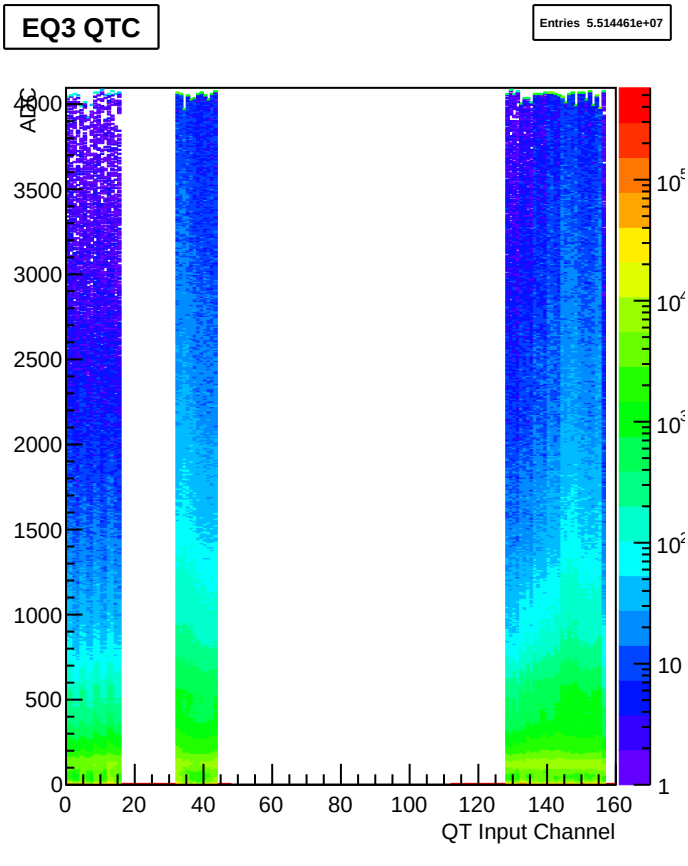

EQ2 QTB
Entries 4.399366e+07
TDC
QT Input Channel

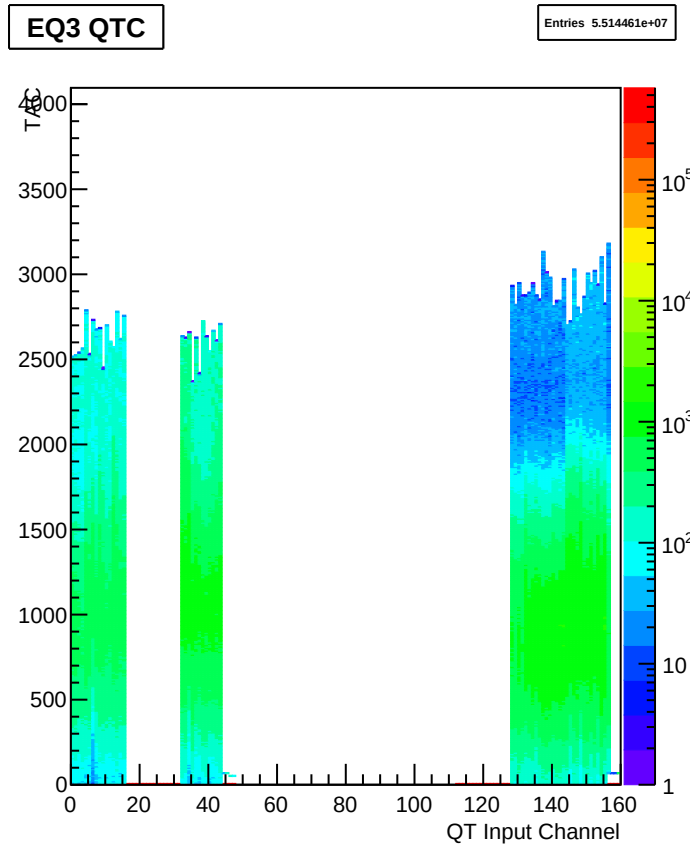

EQ2 QTC
Entries 5.514461e+07
ADC
QT Input Channel

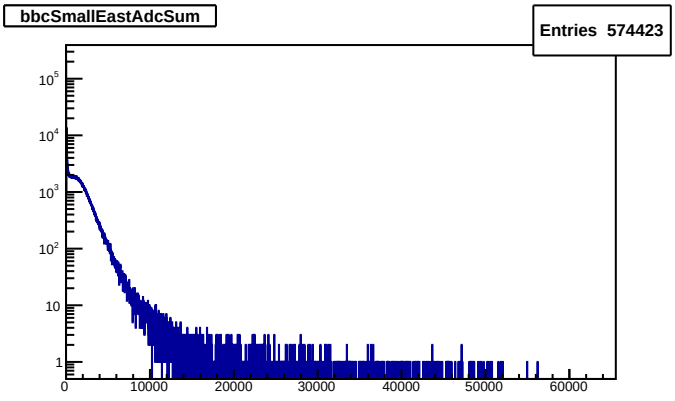

EQ2 QTC
Entries 5.514461e+07
TADC
QT Input Channel

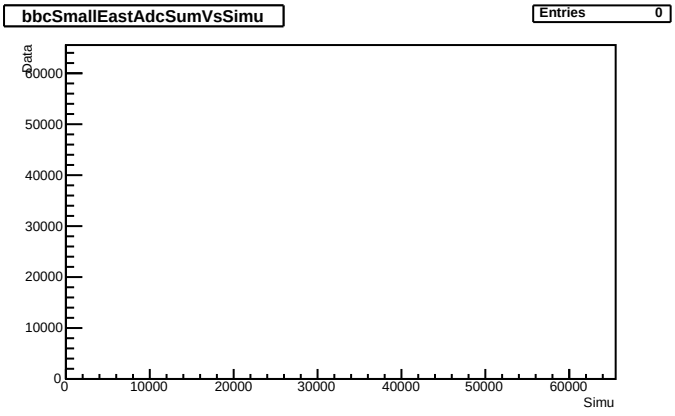

EQ3 QTB
Entries 1.470523e+08
ADC
QT Input Channel

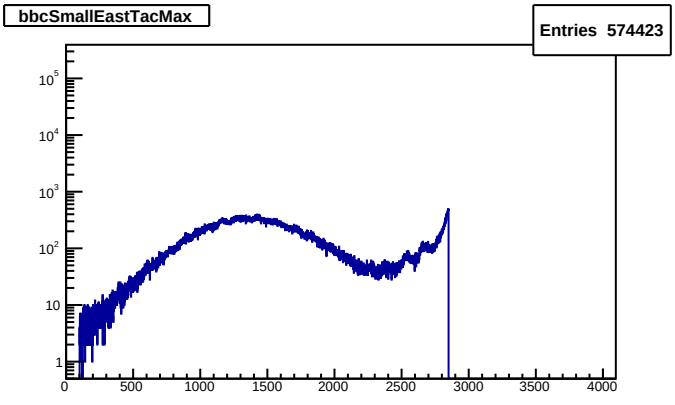

EQ3 QTB
Entries 4.519797e+07
TDC
QT Input Channel

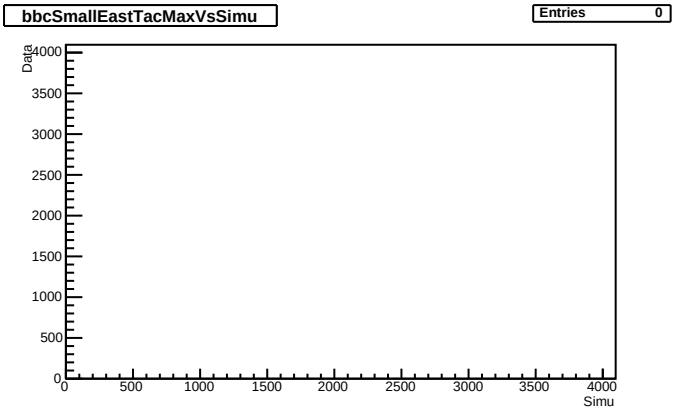

EQ3 QTC
Entries 5.514461e+07
ADC
QT Input Channel

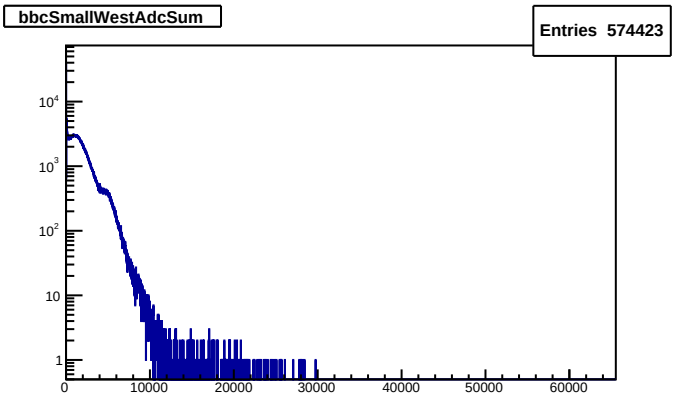

EQ3 QTC
Entries 5.514461e+07
TADC
QT Input Channel

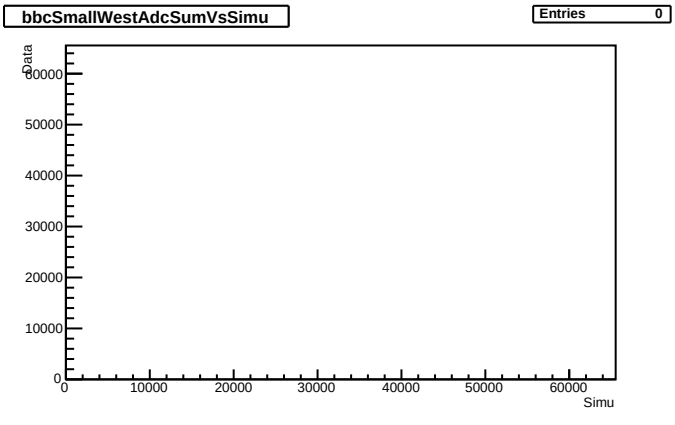

bbcSmallEastAdcSum
Entries 574423

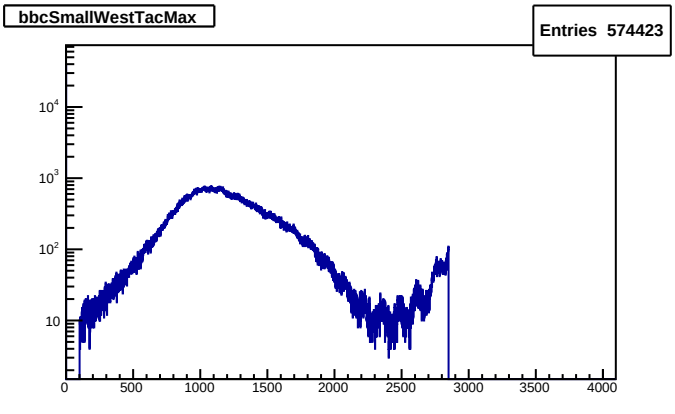

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

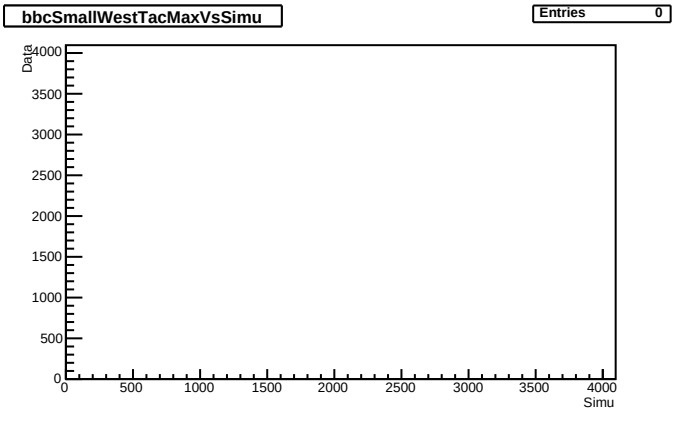

bbcSmallEastTacMax
Entries 574423

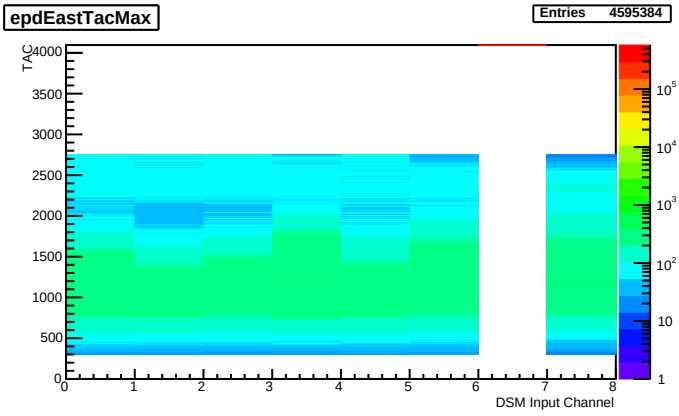

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

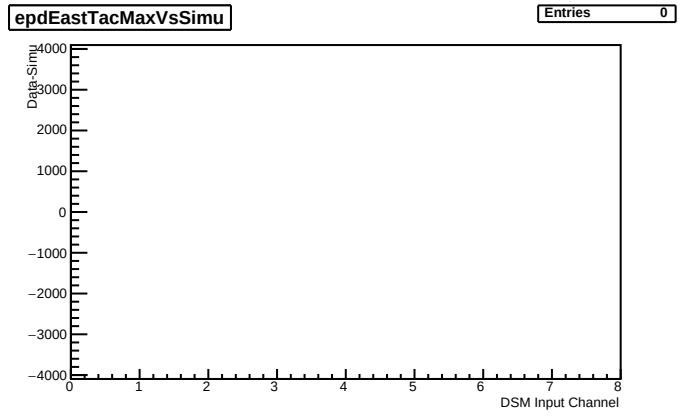

bbcSmallWestAdcSum
Entries 574423

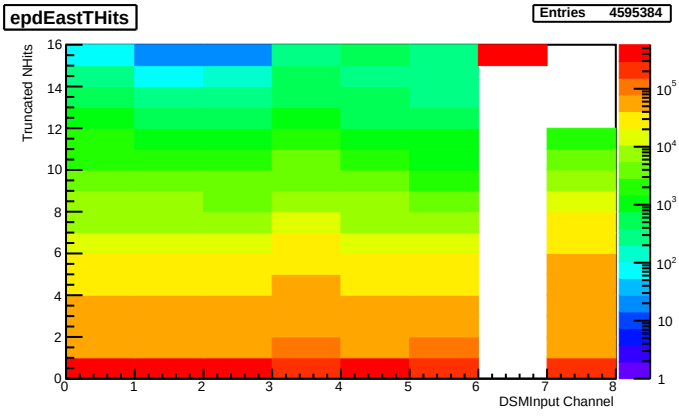

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

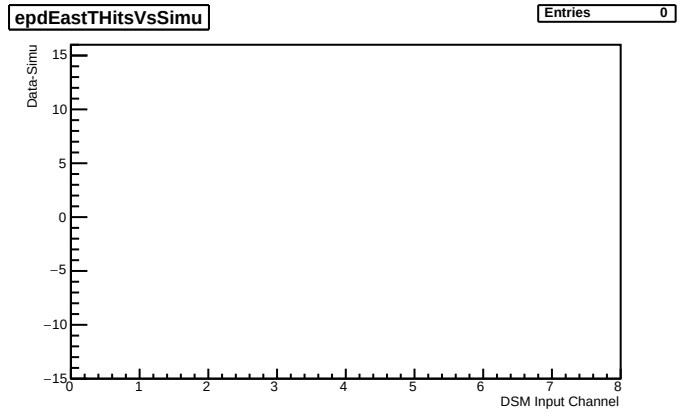

bbcSmallWestTacMax
Entries 574423

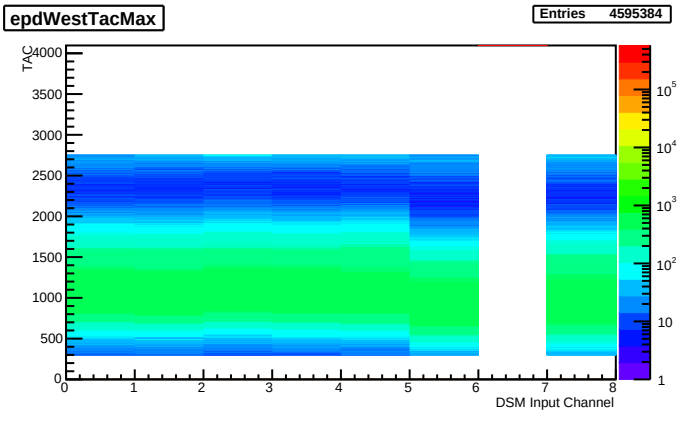

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

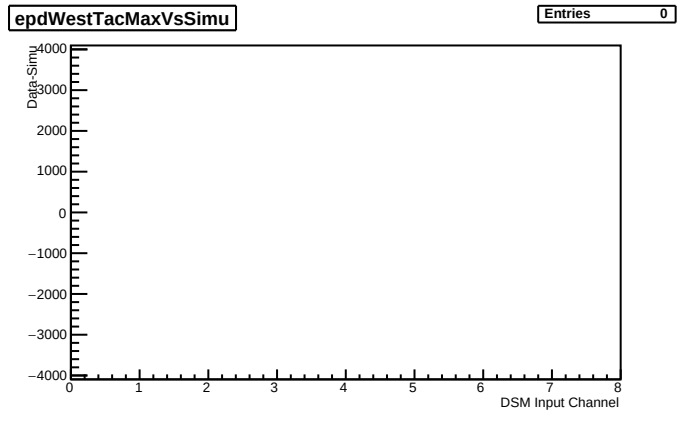

epdEastTacMax
Entries 4595384
TAC
DSM Input Channel

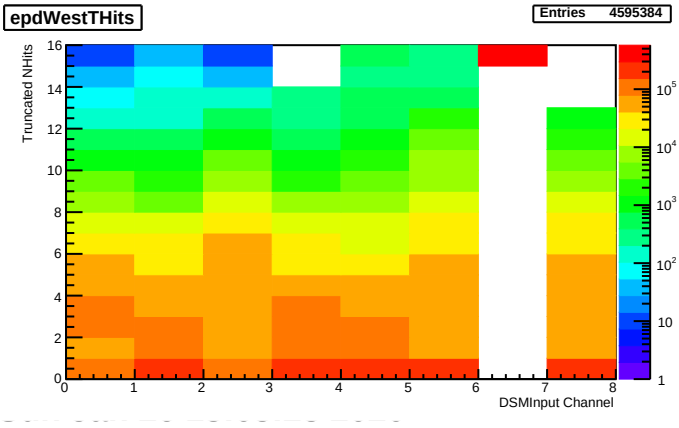

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

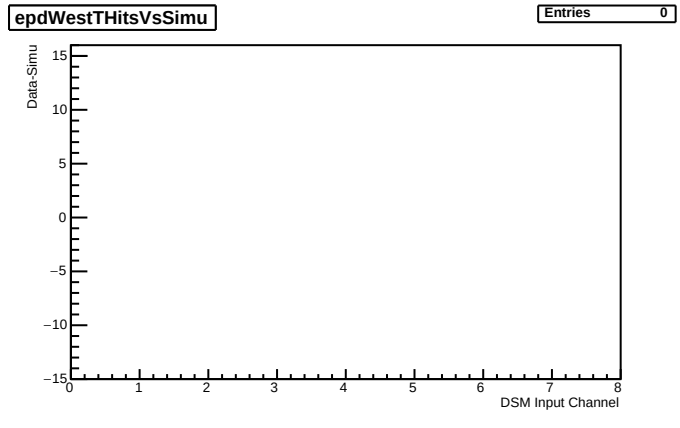

epdEastTHits
Entries 4595384
Truncated NHits
DSMInput Channel

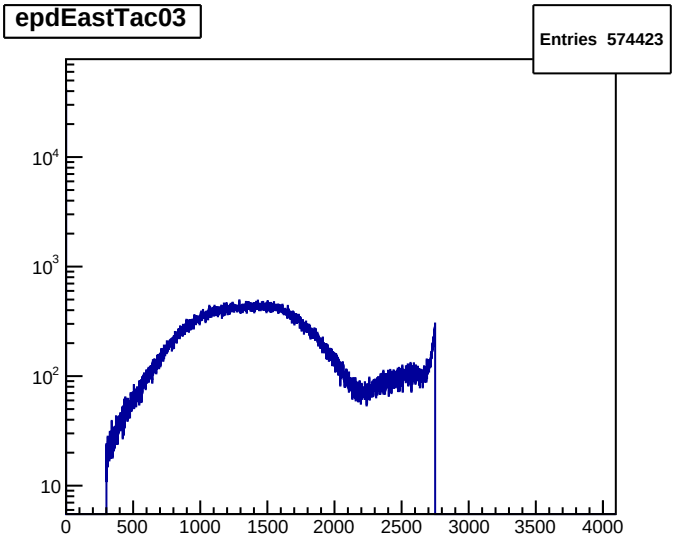

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

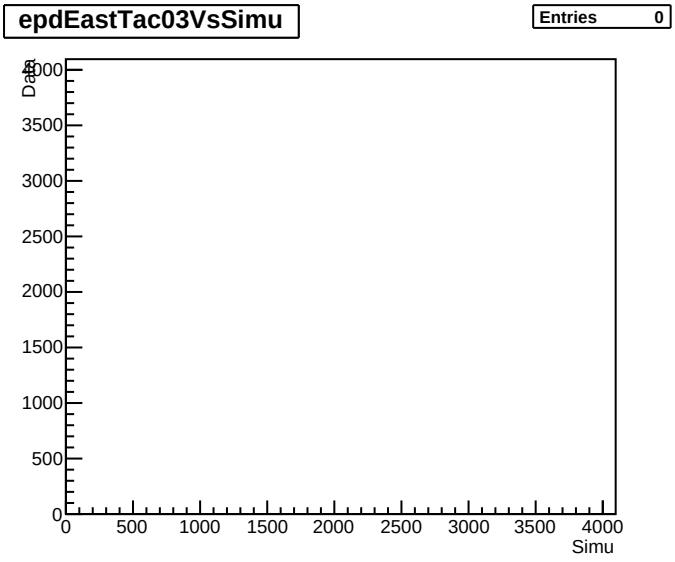

epdWestTacMax
Entries 4595384
TAC
DSM Input Channel

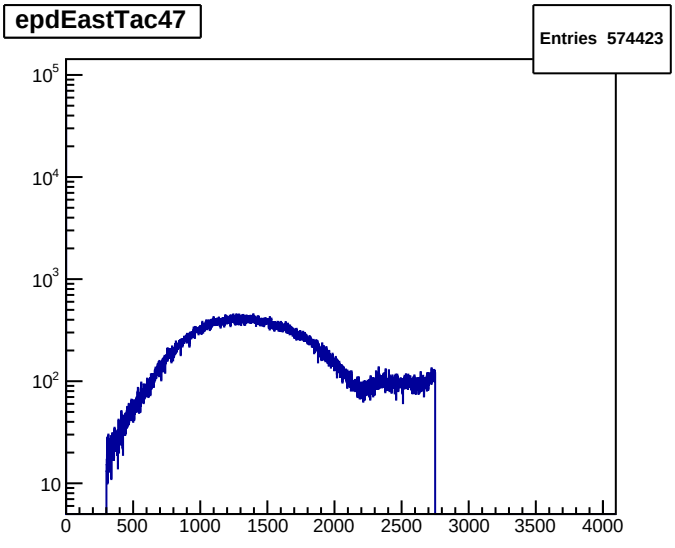

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

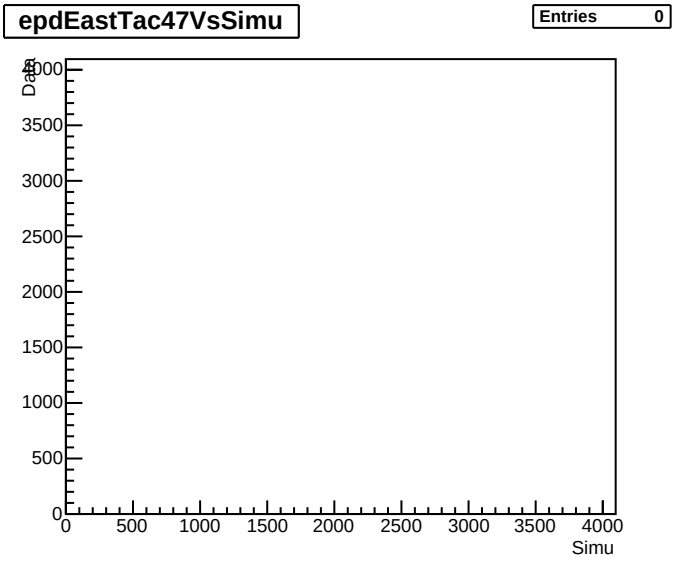

epdWestTHits
Entries 4595384
Truncated NHits
DSMInput Channel

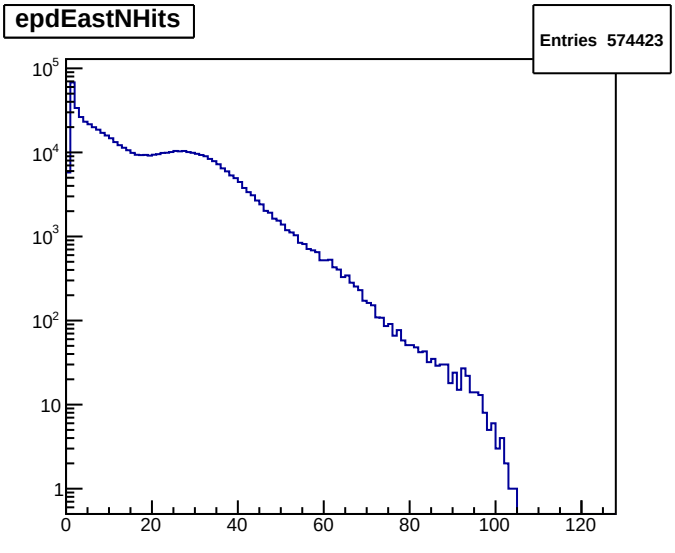

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

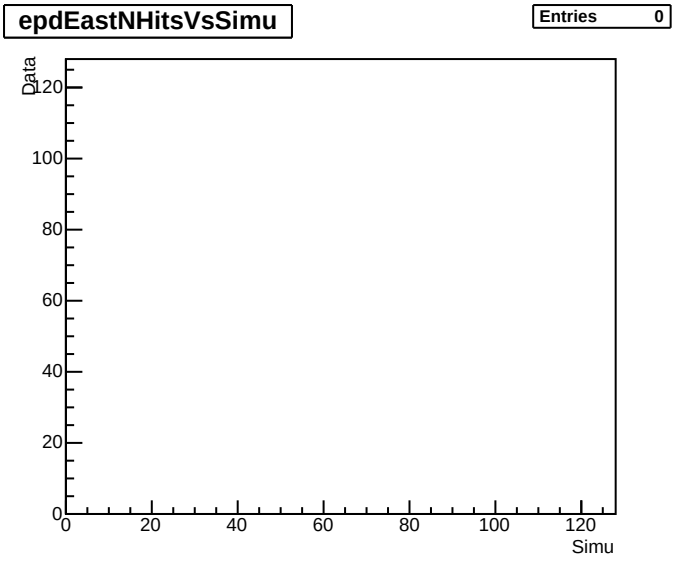

epdEastTac03
Entries 574423

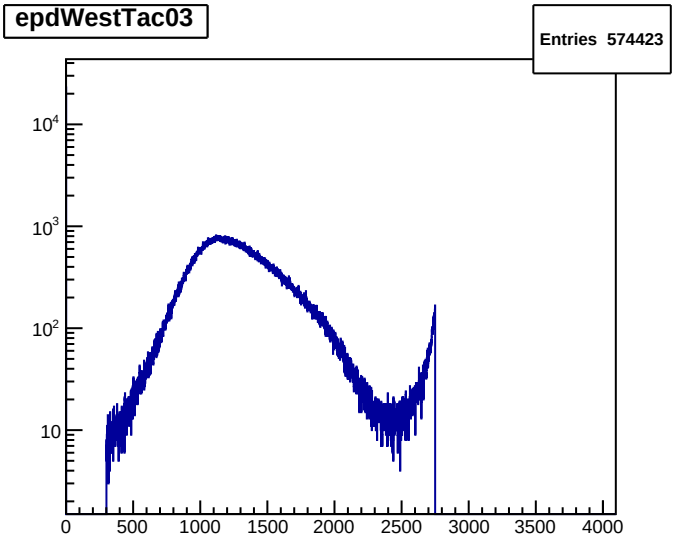

epdEastTac03VsSimu
Entries 0
Data
Simu

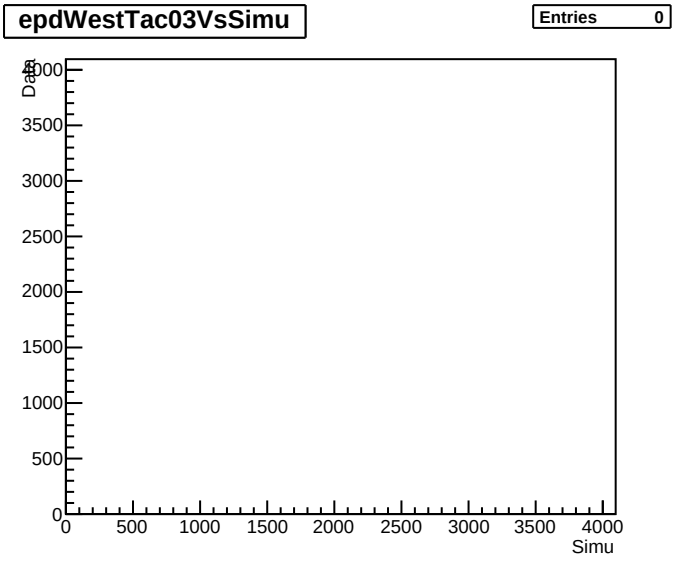

epdEastTac47
Entries 574423

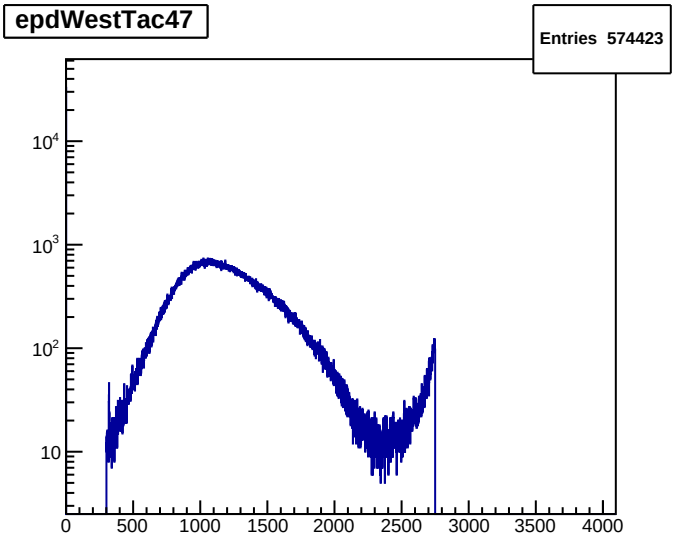

epdEastTac47VsSimu
Entries 0
Data
Simu

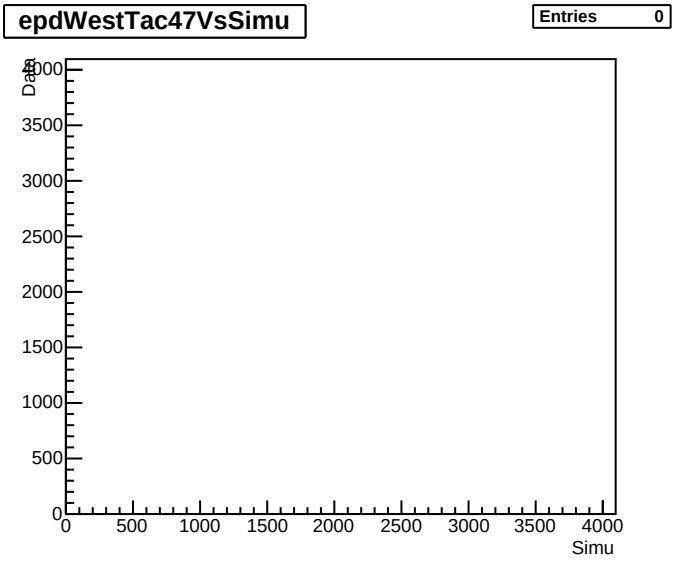

epdEastNHits
Entries 574423

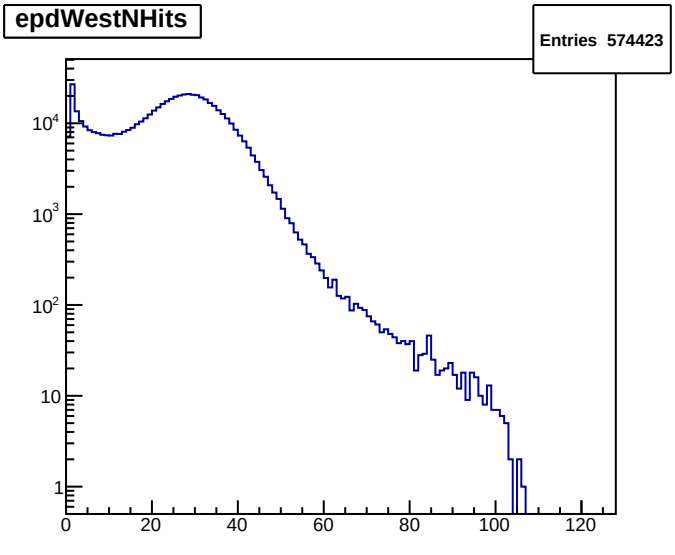

epdEastNHitsVsSimu
Entries 0
Data
Simu

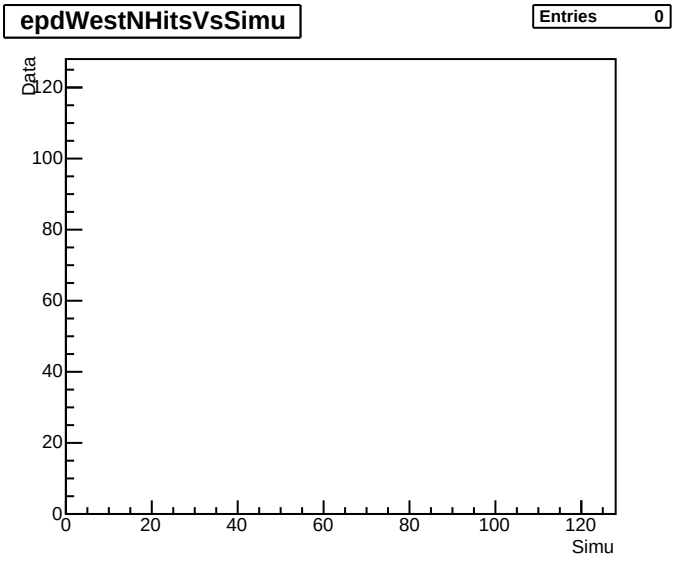

epdWestTac03
Entries 574423

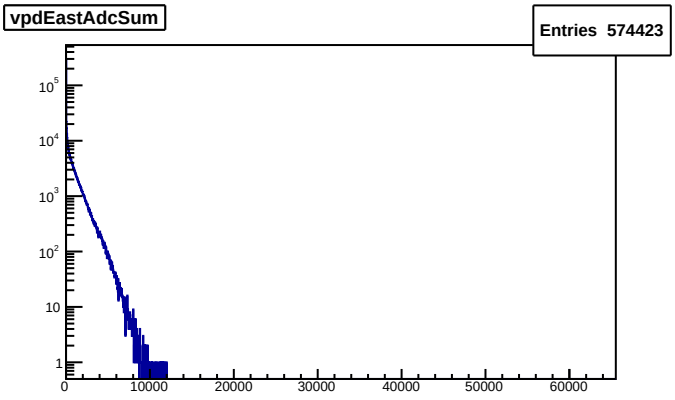

epdWestTac03VsSimu
Entries 0
Data
Simu

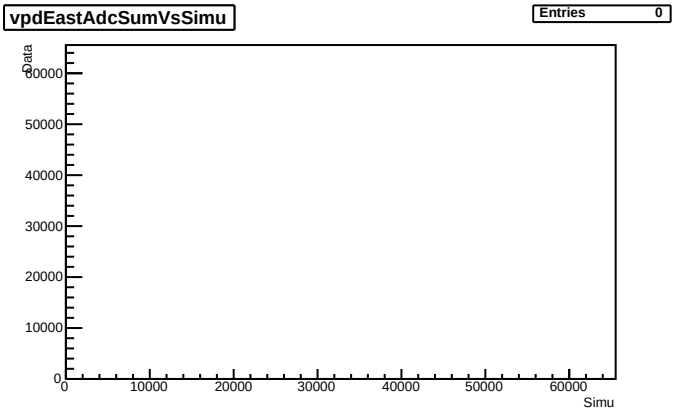

epdWestTac47
Entries 574423

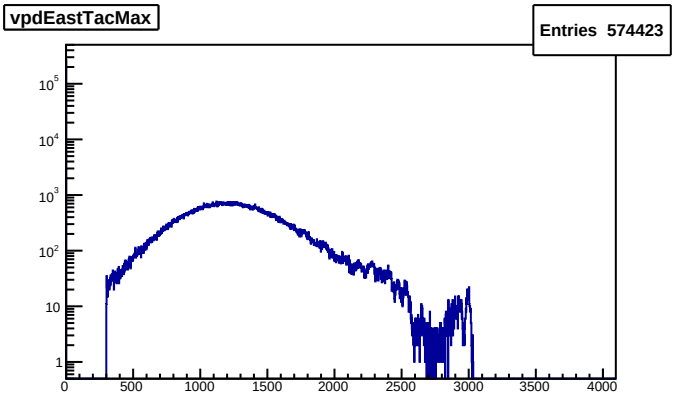

epdWestTac47VsSimu
Entries 0
Data
Simu

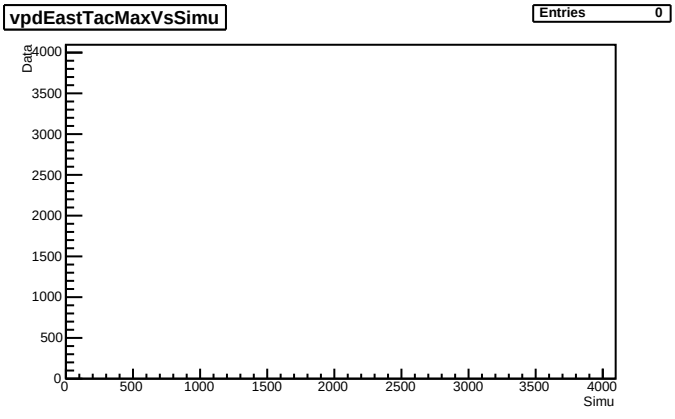

epdWestNHits
Entries 574423

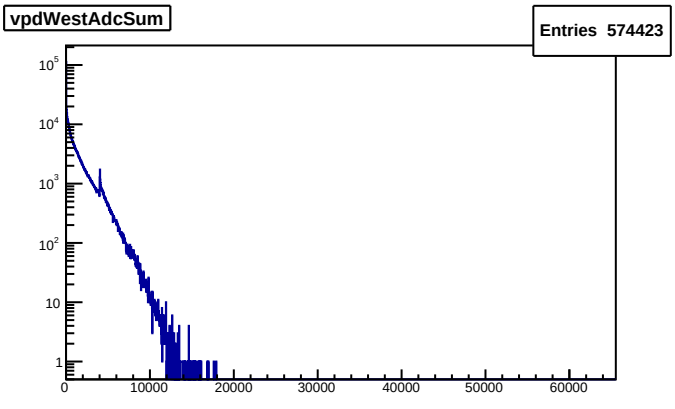

epdWestNHitsVsSimu
Entries 0
Data
Simu

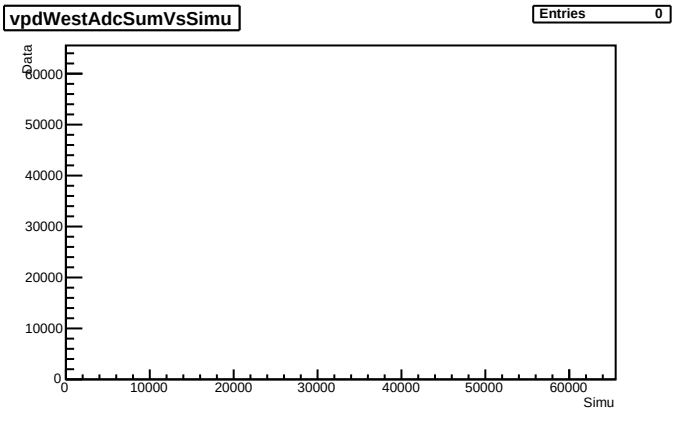

vpdEastAdcSum
Entries 574423

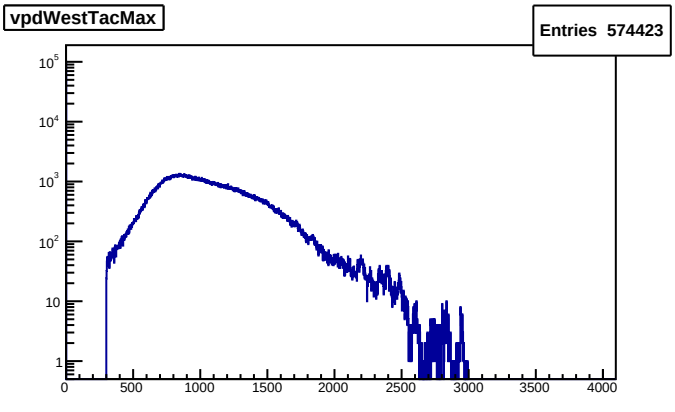

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

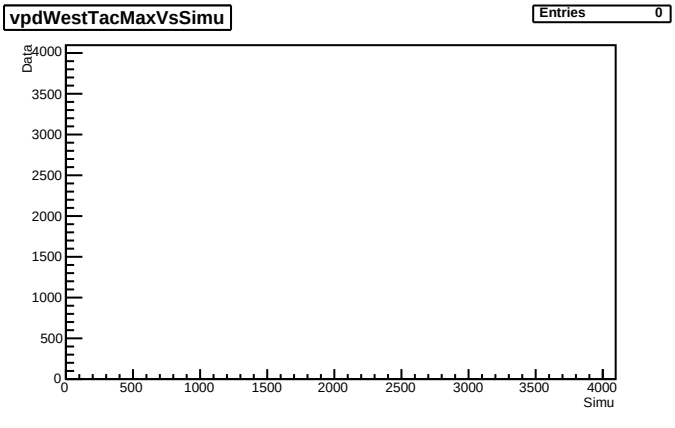

vpdEastTacMax
Entries 574423

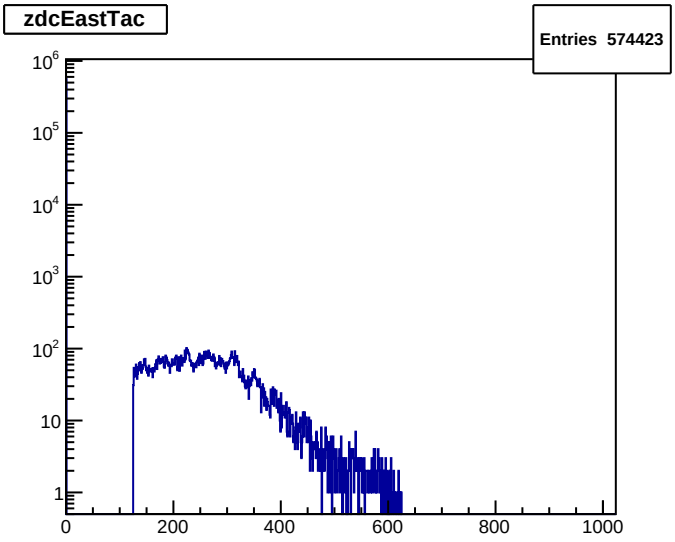

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

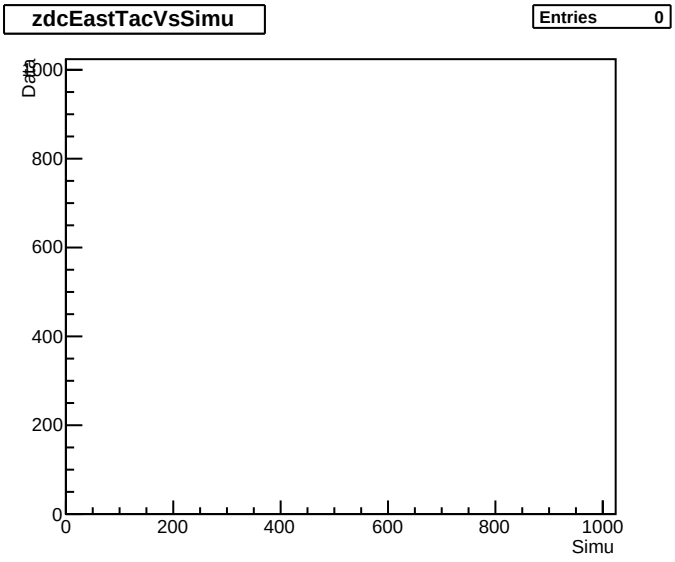

vpdWestAdcSum
Entries 574423

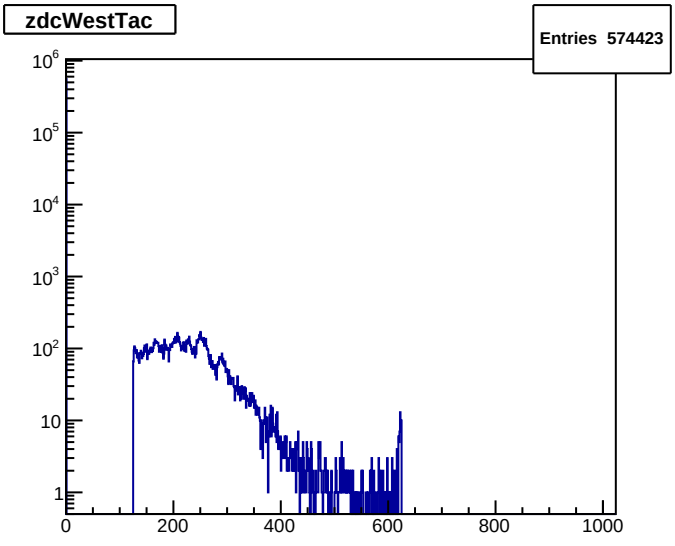

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

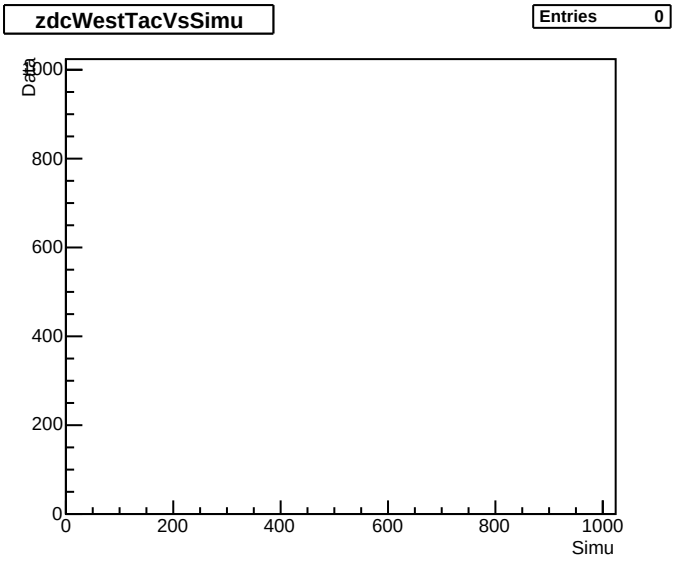

vpdWestTacMax
Entries 574423

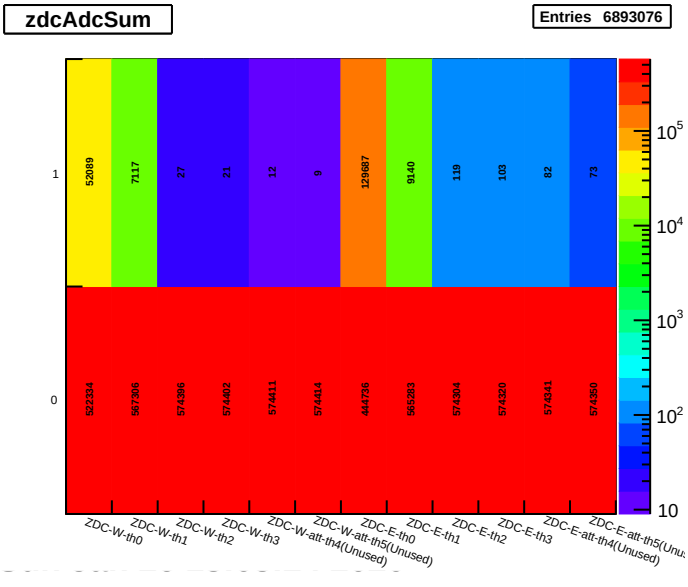

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

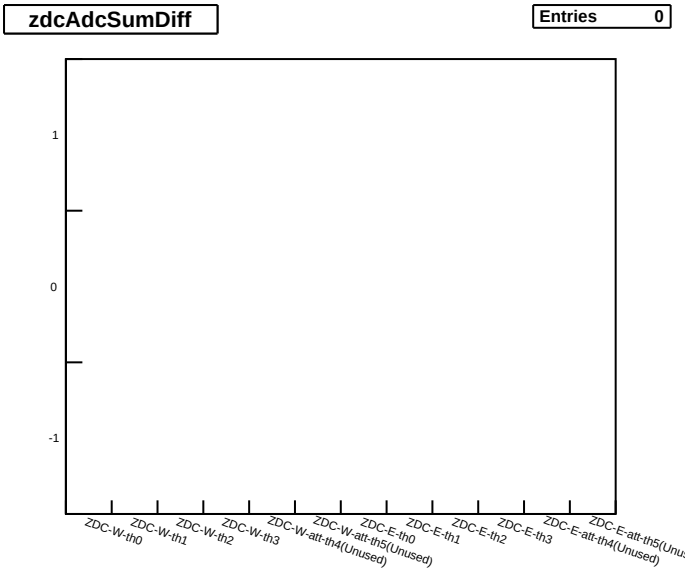

zdcEastTac
Entries 574423

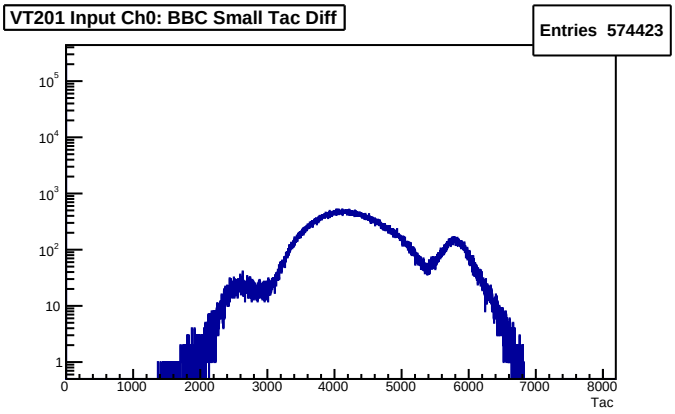

zdcEastTacVsSimu
Entries 0
Data
Simu

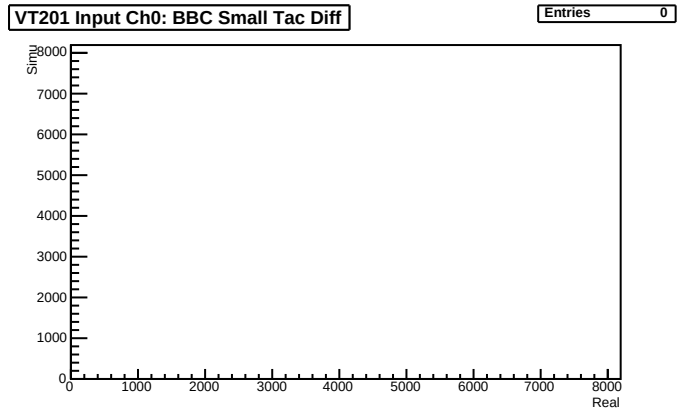

zdcWestTac
Entries 574423

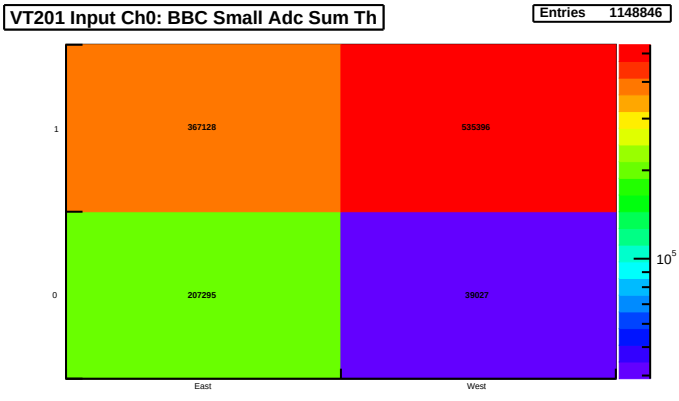

zdcWestTacVsSimu
Entries 0
Data
Simu

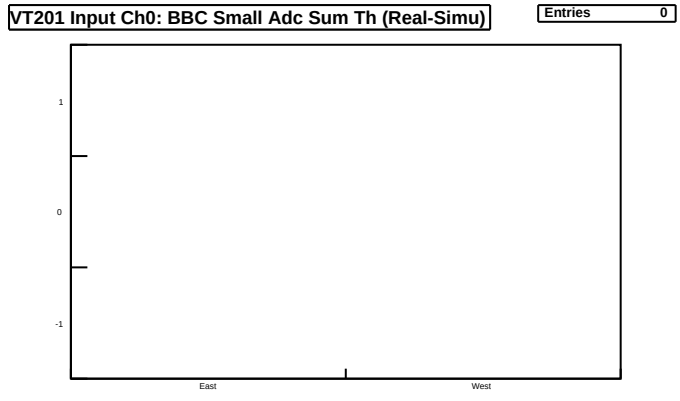

zdcAdcSum
Entries 6893076
52089
7117
27
21
12
9
129687
9140
119
103
82
73
522334
567306
574396
574402
574411
574414
444736
565283
574304
574320
574341
574350
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

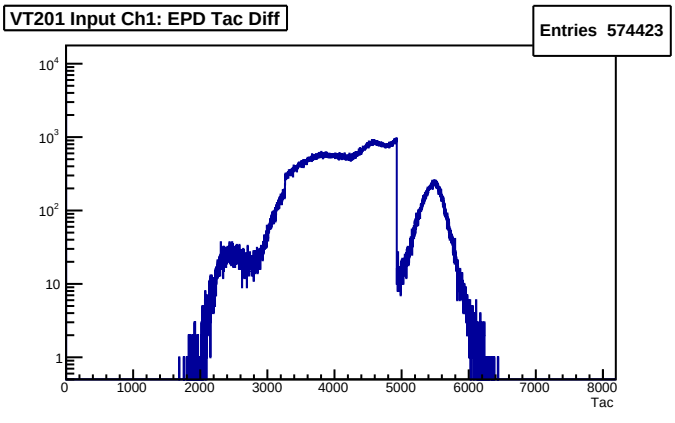

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

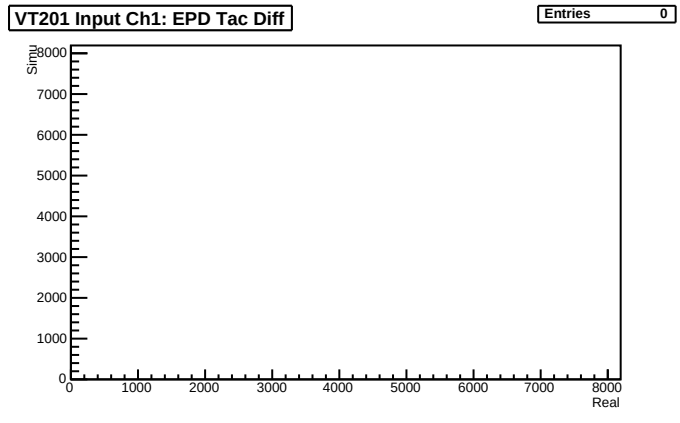

VT201 Input Ch0: BBC Small Tac Diff
Entries 574423
Tac

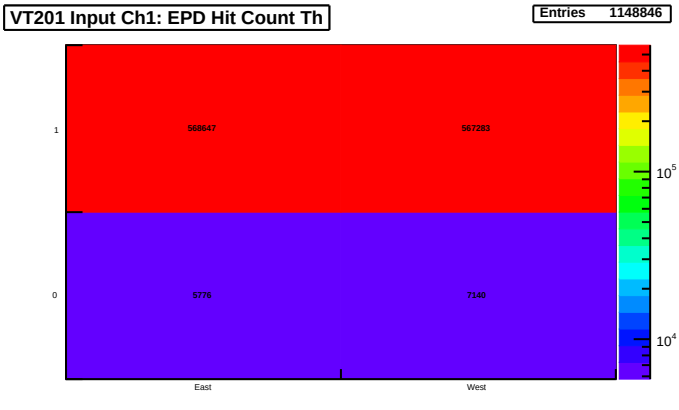

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

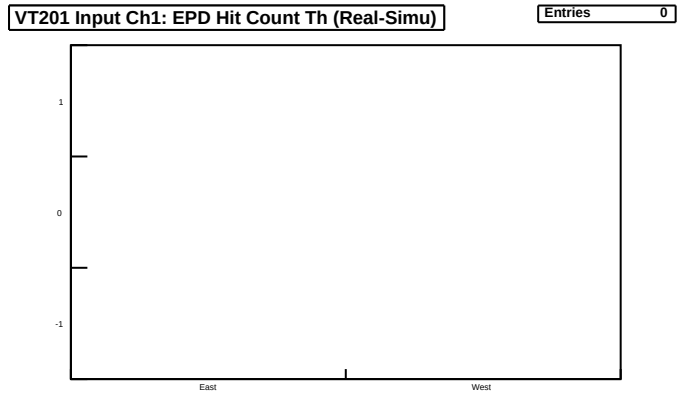

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1148846
367128
535396
207295
39027
East
West

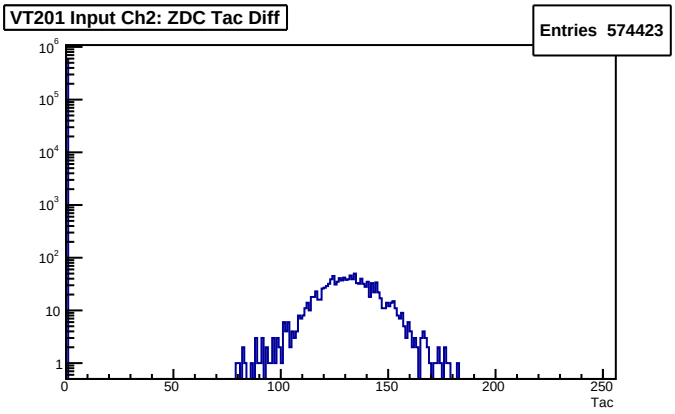

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

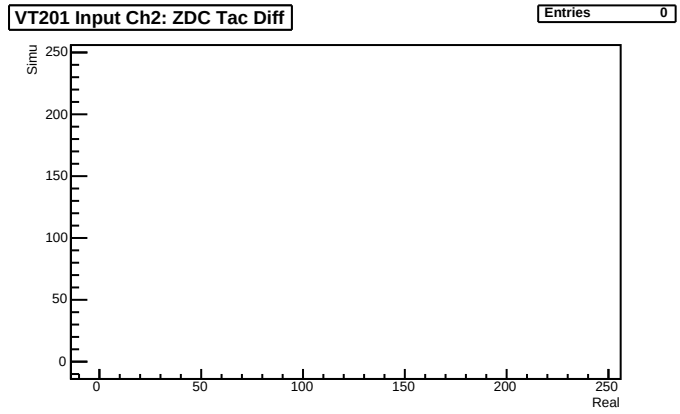

VT201 Input Ch1: EPD Tac Diff
Entries 574423
Tac

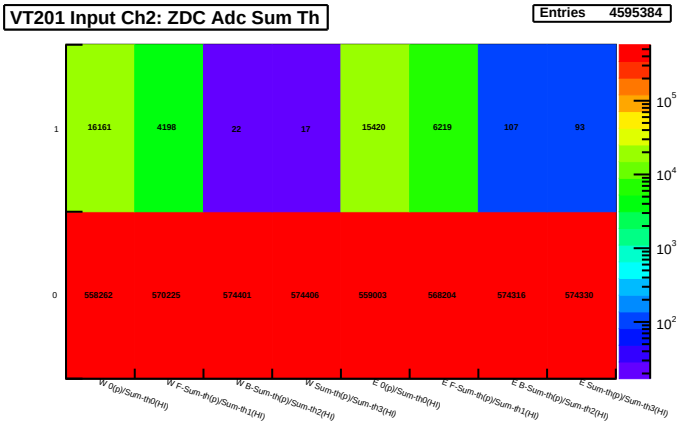

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

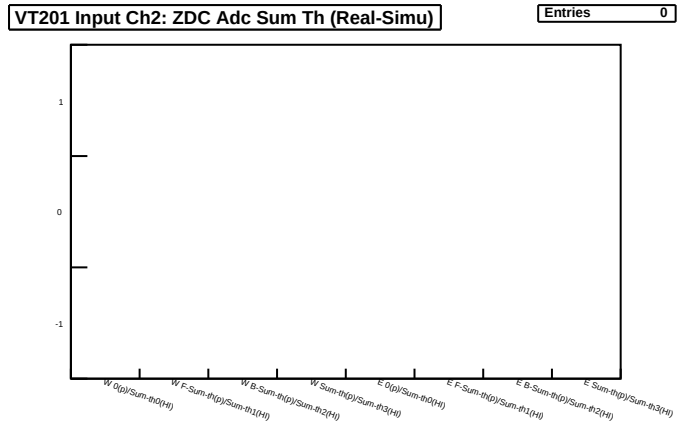

VT201 Input Ch1: EPD Hit Count Th
Entries 1148846
568647
567283
5776
7140
East
West

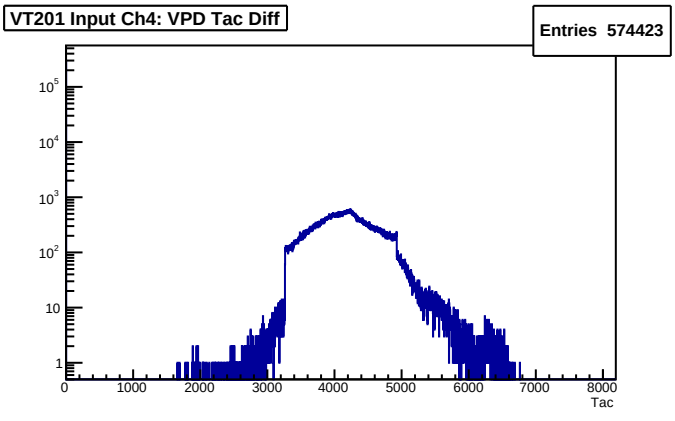

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

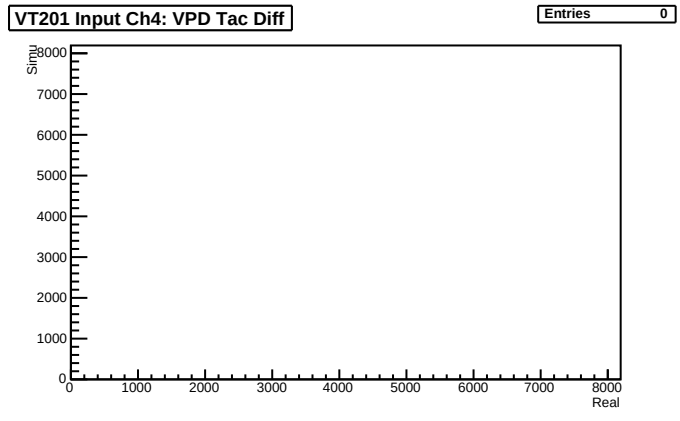

VT201 Input Ch2: ZDC Tac Diff
Entries 574423
Tac

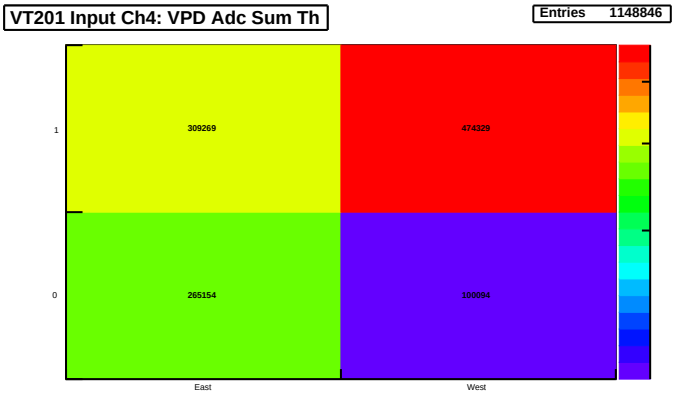

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

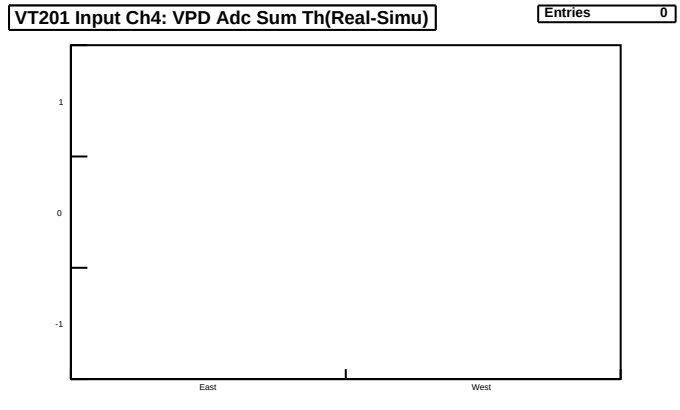

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4595384
16161
4198
22
17
15420
6219
107
93
558262
570225
574401
574406
559003
568204
574316
574330
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

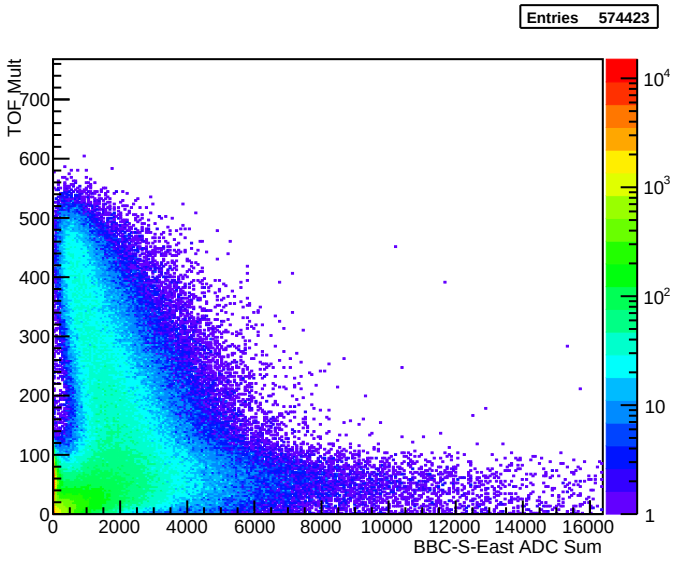

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

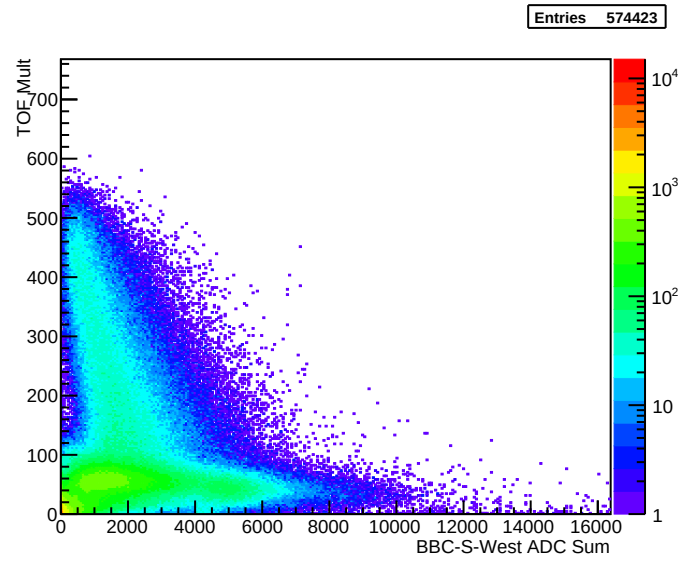

VT201 Input Ch4: VPD Tac Diff
Entries 574423
Tac

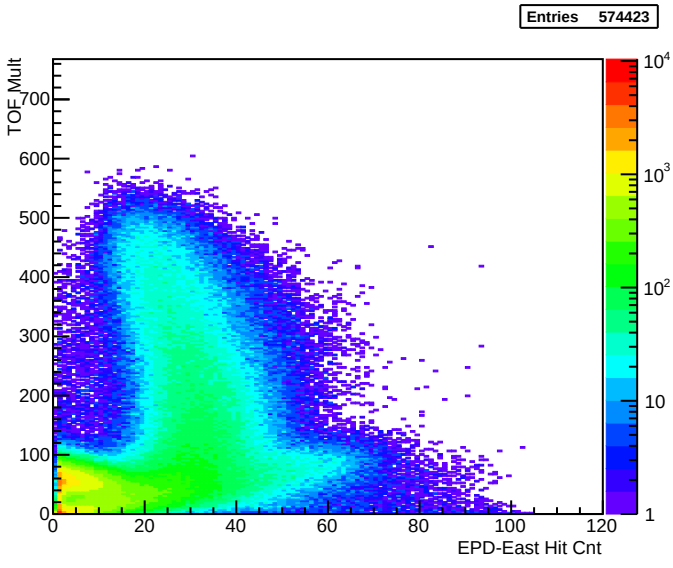

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

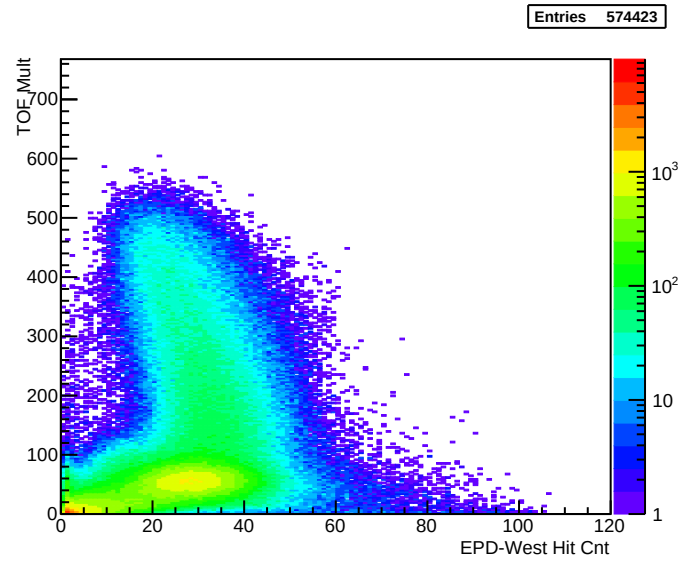

VT201 Input Ch4: VPD Adc Sum Th
Entries 1148846
309269
474329
265154
100094
East
West

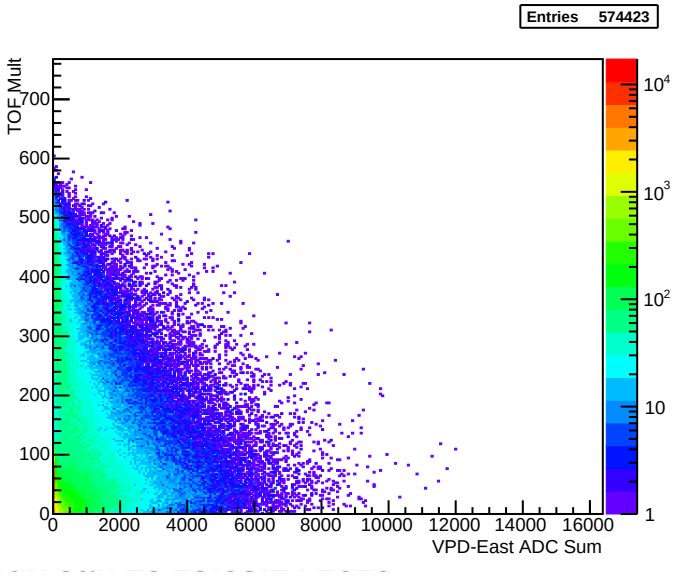

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

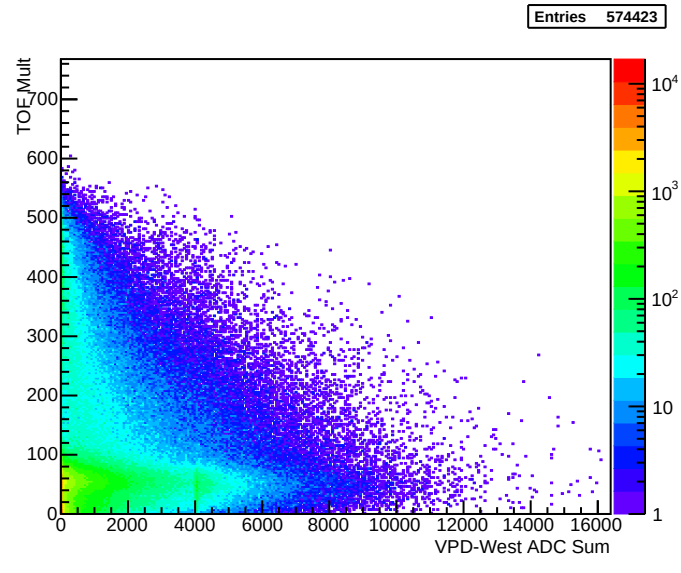

Entries 574423
TOF_Mult
BBC-S-East ADC Sum

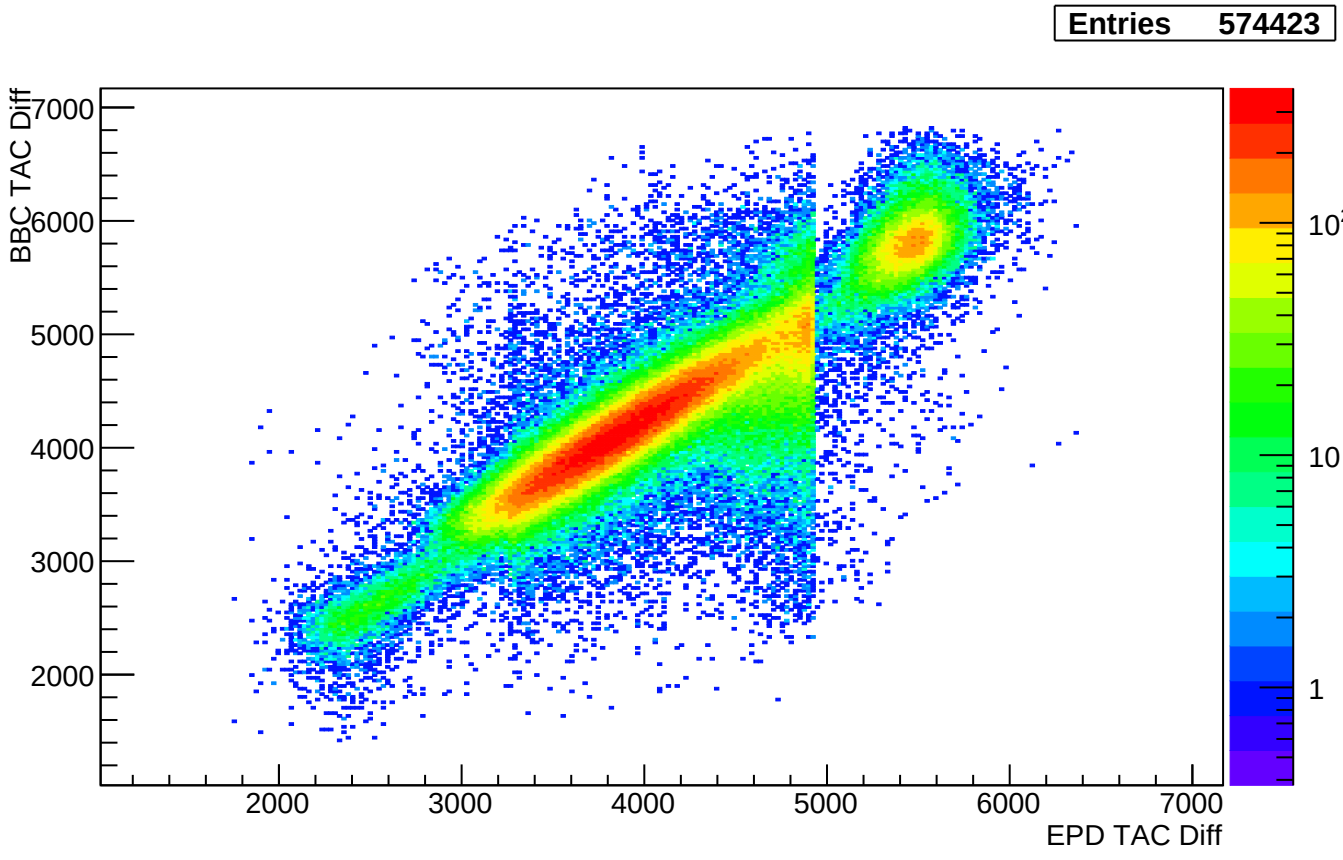

Entries 574423
TOF_Mult
BBC-S-West ADC Sum

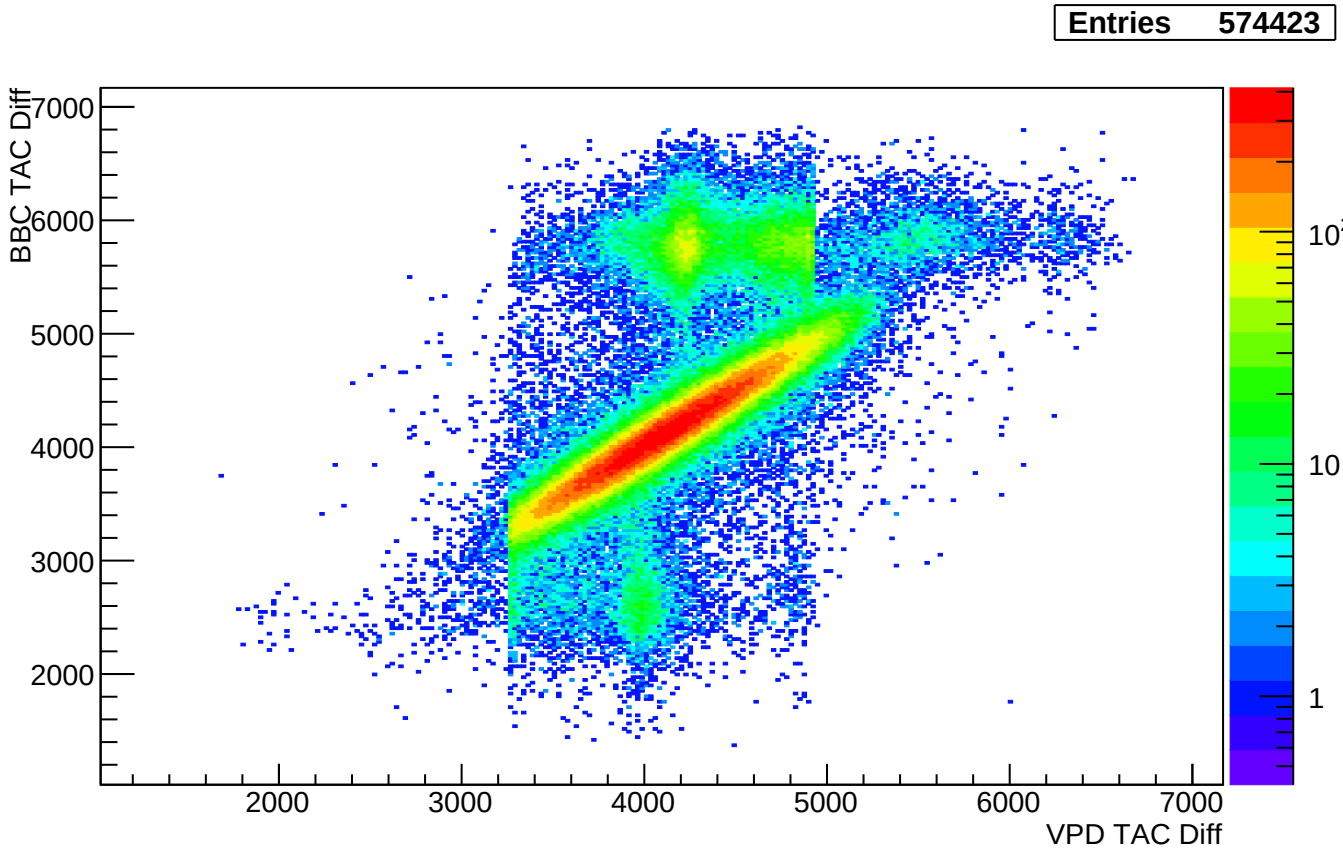

Entries 574423
TOF_Mult
EPD-East Hit Cnt

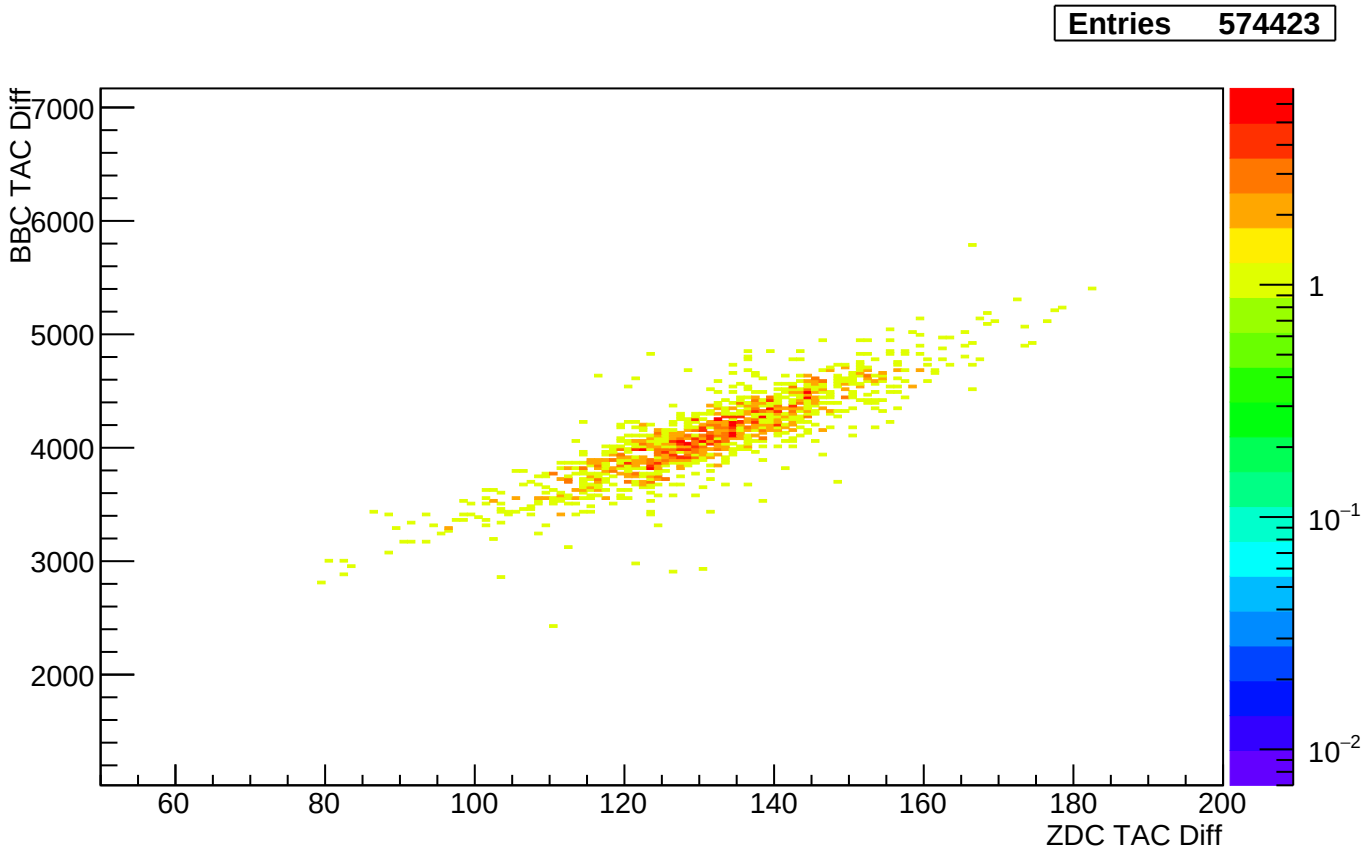

Entries 574423
TOF_Mult
EPD-West Hit Cnt

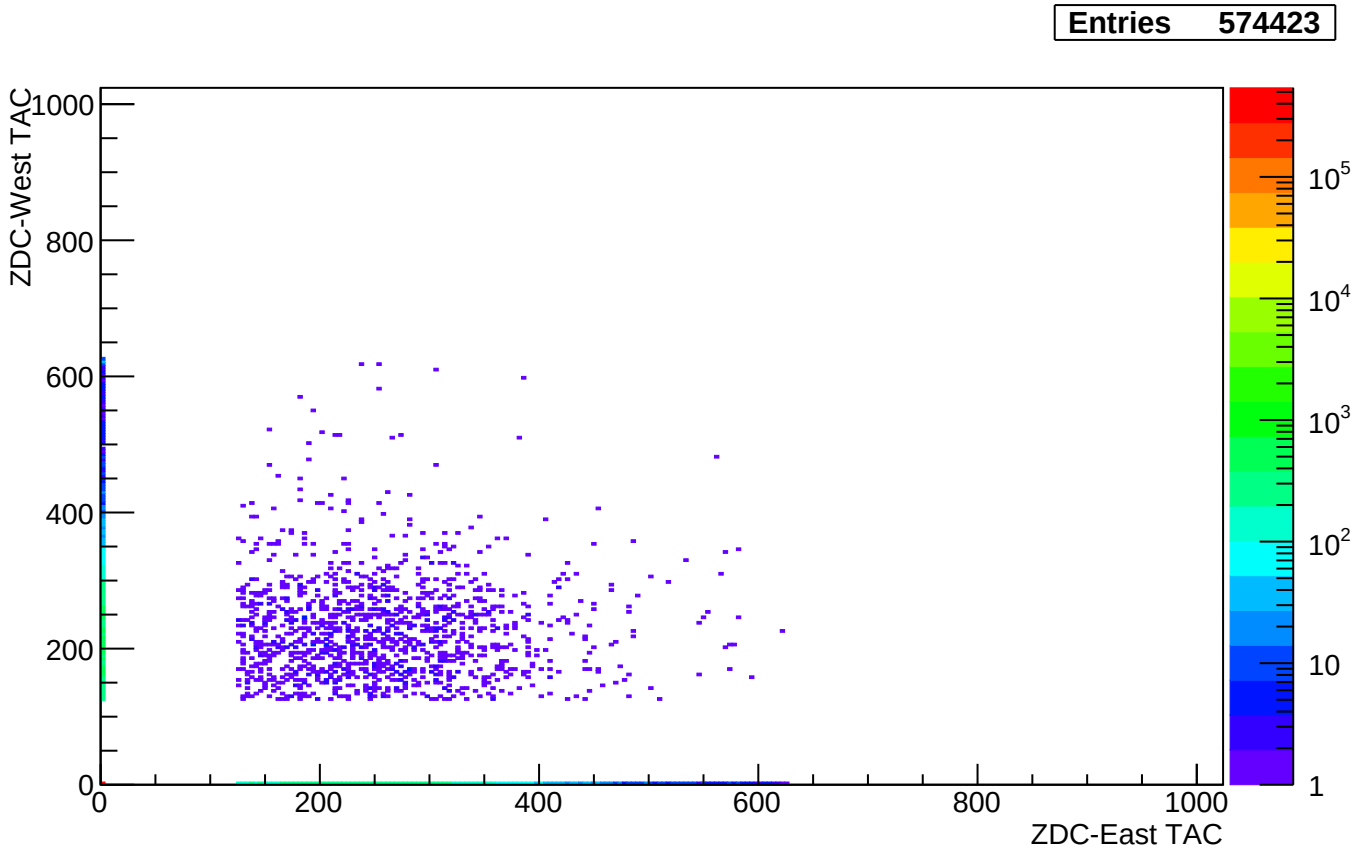

Entries 574423
TOF_Mult
VPD-East ADC Sum

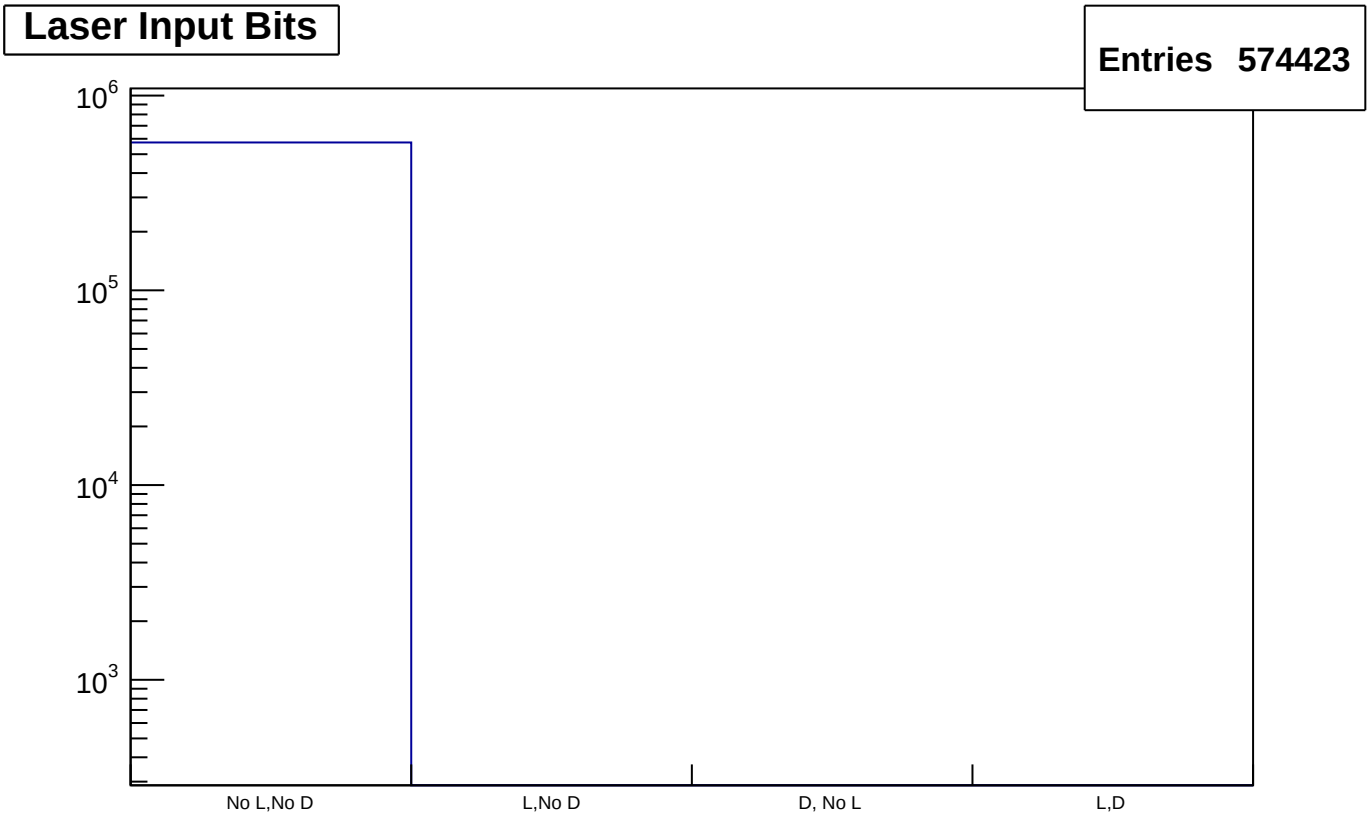

Entries 574423
TOF_Mult
VPD-West ADC Sum

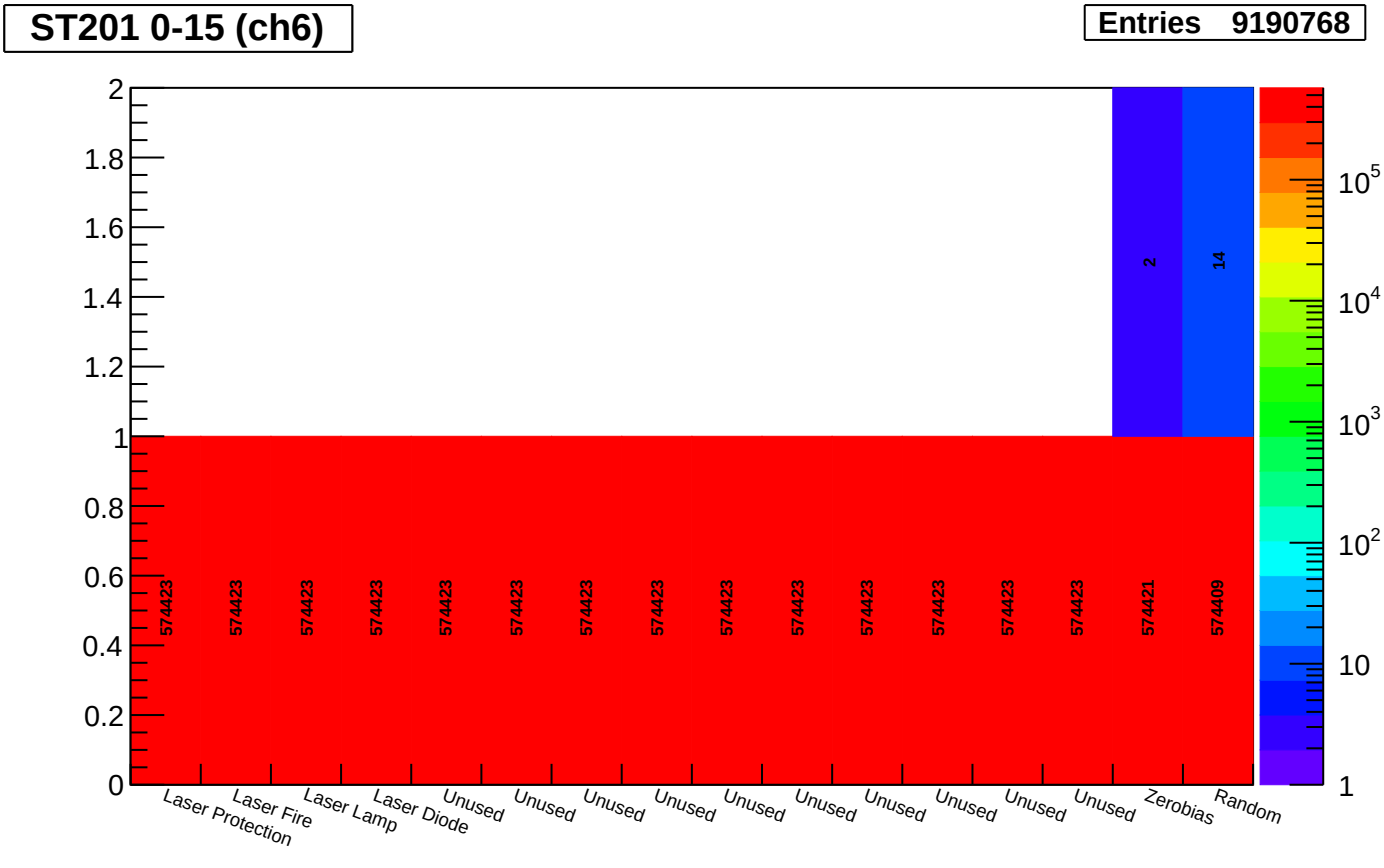

Entries 574423
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

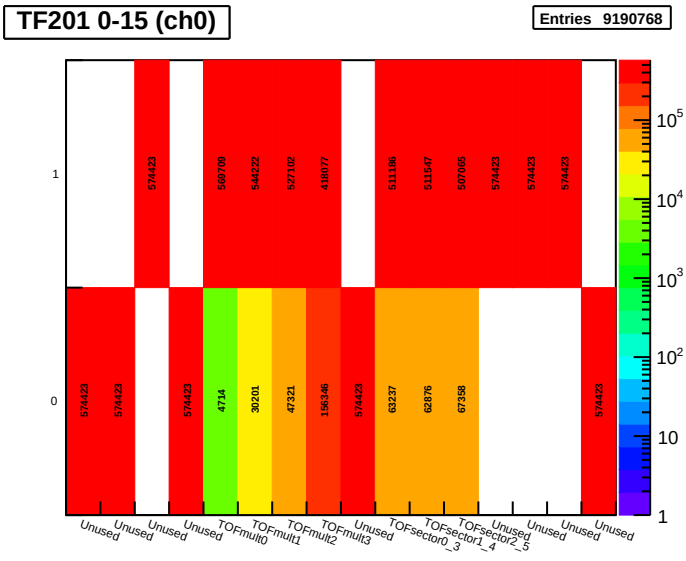

Entries 574423
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

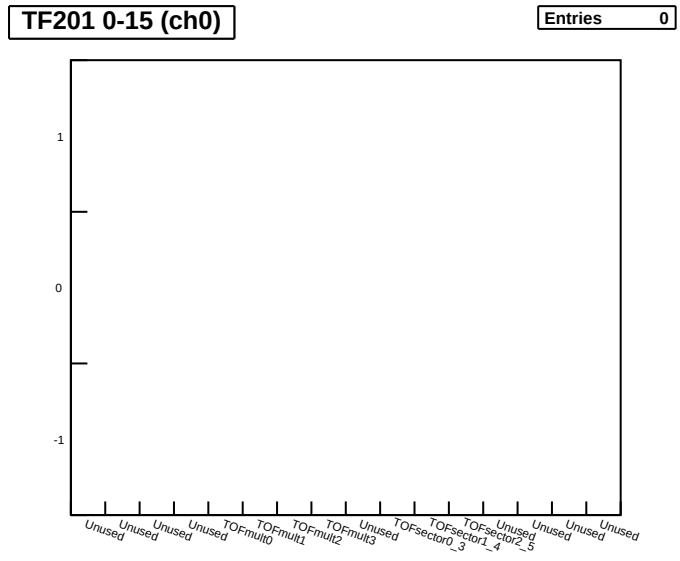

Entries 574423
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

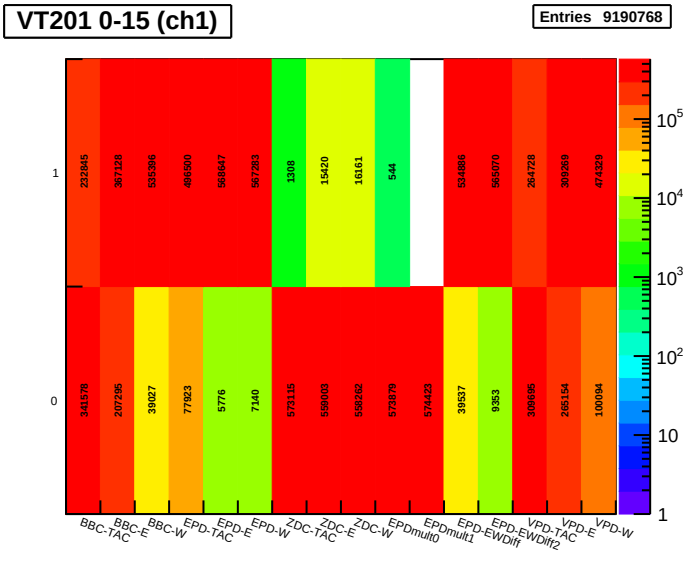

Entries 574423
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

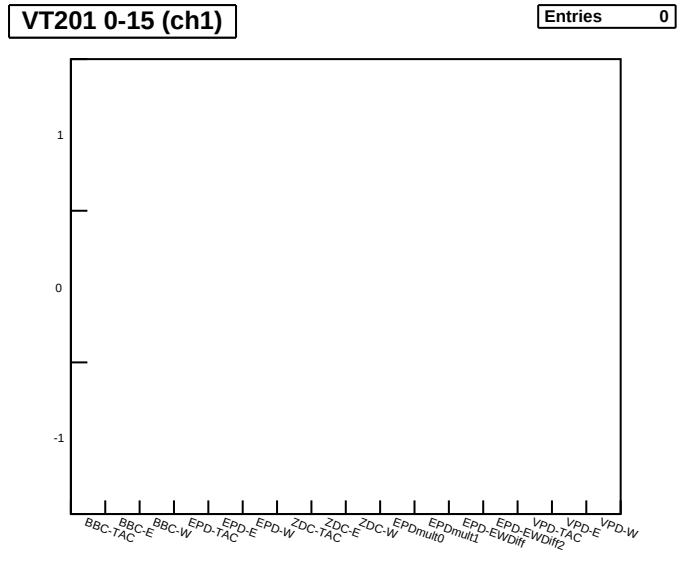

Laser Input Bits
Entries 574423
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

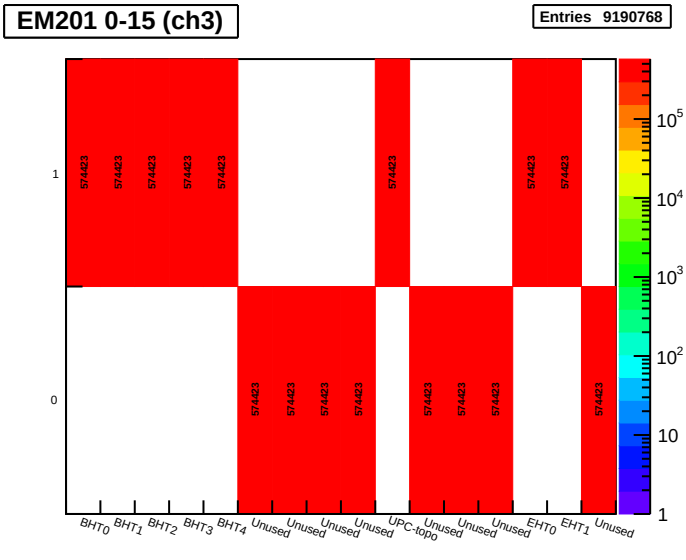

ST201 0-15 (ch6)
Entries 9190768
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
574423
574423
574423
574423
574423
574423
574423
574423
574423
574423
574423
574423
574423
574423
574421
574409
2
14
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

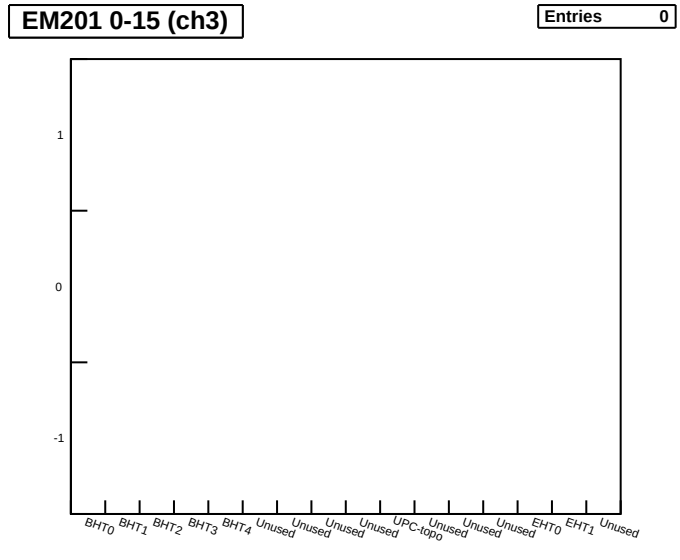

TF201 0-15 (ch0)
Entries 9190768
1
0
574423
569709
544222
527102
418077
511186
511547
507065
574423
574423
574423
574423
574423
574423
4714
30201
47321
156346
574423
63237
62876
67358
574423
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 9190768
1
0
232845
367128
535396
496500
568647
567283
1308
15420
16161
544
534866
565070
264728
309269
474329
341578
207295
39027
77923
5776
7140
573115
559003
558262
573879
574423
39537
9353
305695
265154
100094
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 9190768
1
0
574423
574423
574423
574423
574423
574423
574423
574423
574423
574423
574423
574423
574423
574423
574423
574423
574423
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


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