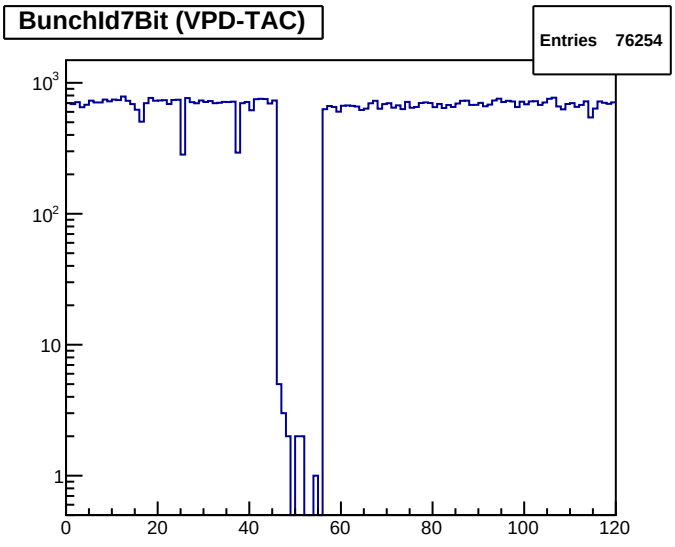
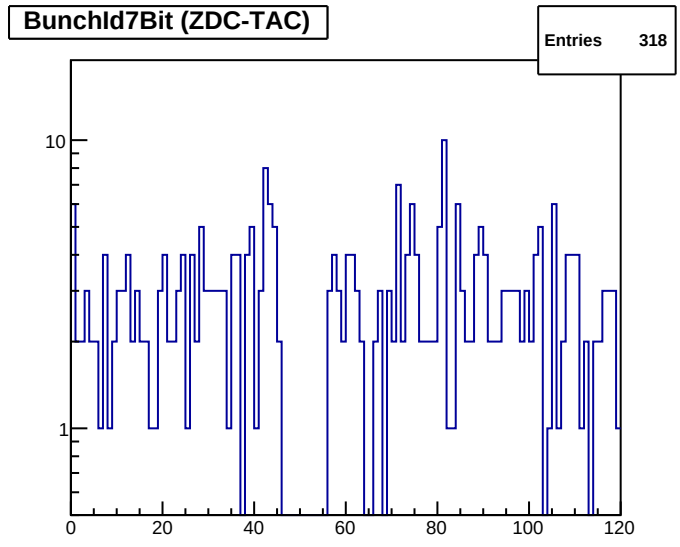
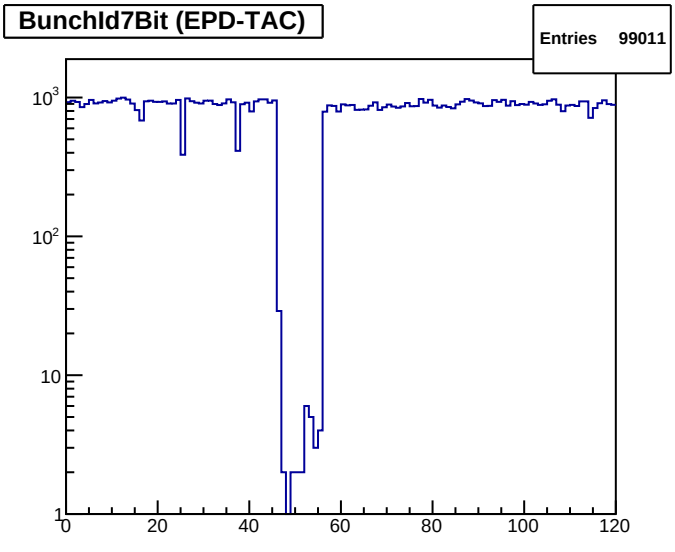
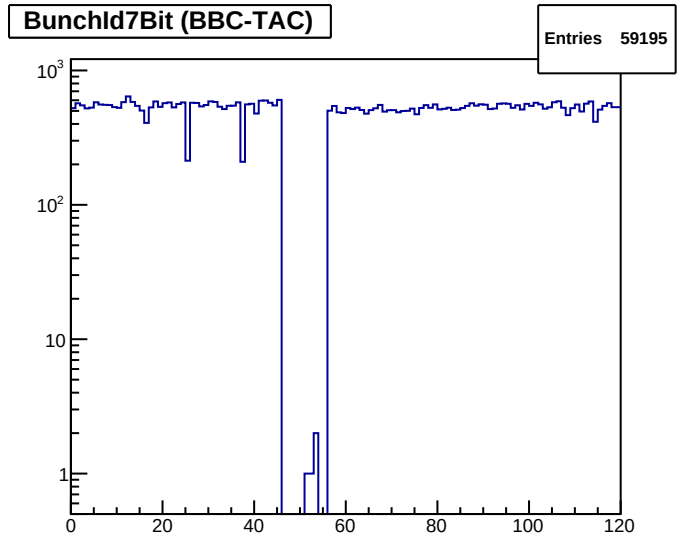
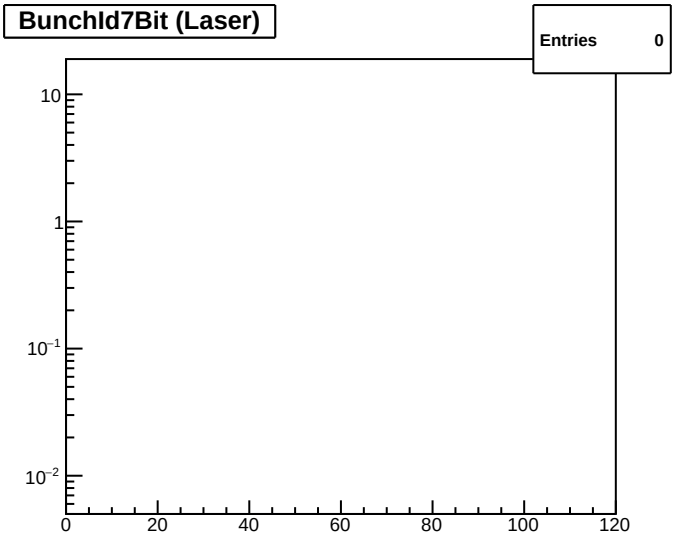
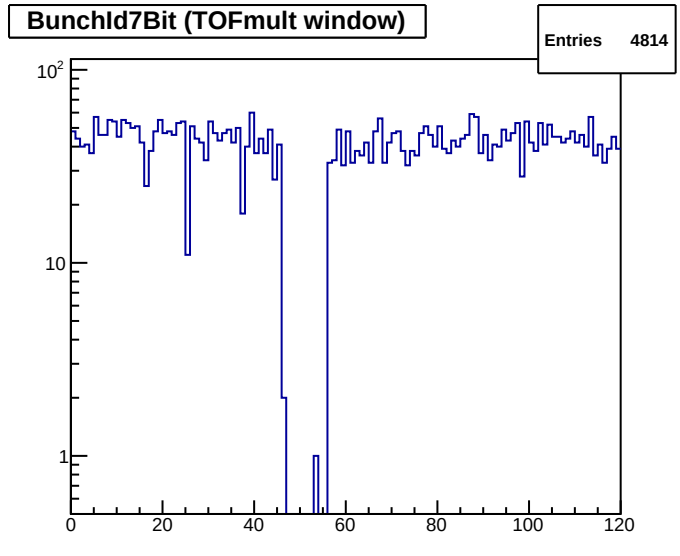

BunchId7Bit (VPD-TAC)
Entries 76254

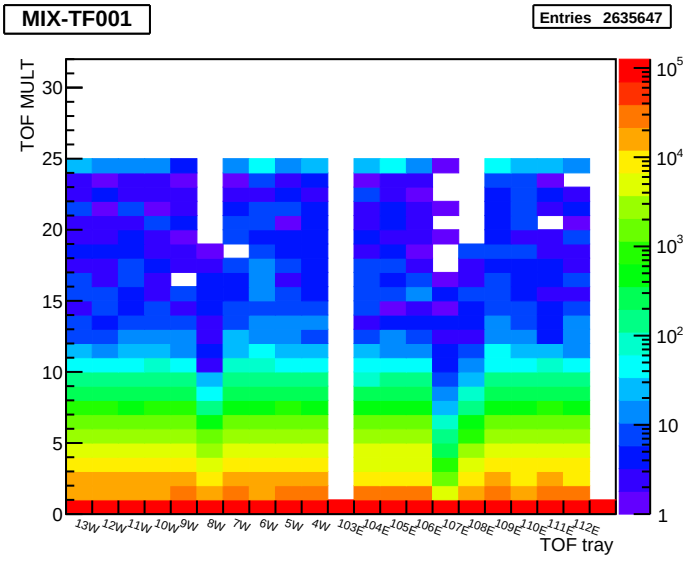

BunchId7Bit (ZDC-TAC)
Entries 318

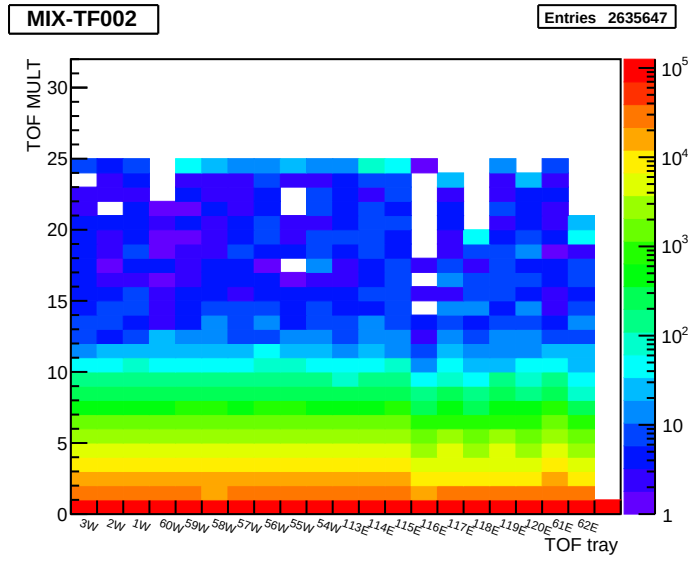

BunchId7Bit (EPD-TAC)
Entries 99011

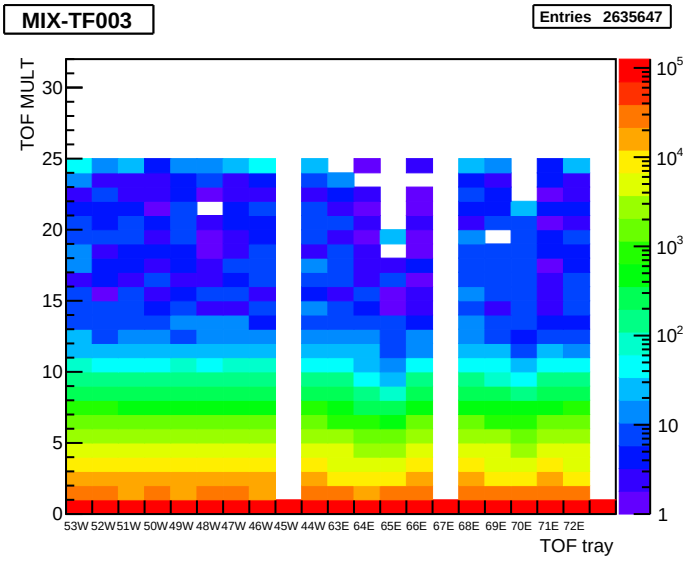

BunchId7Bit (BBC-TAC)
Entries 59195

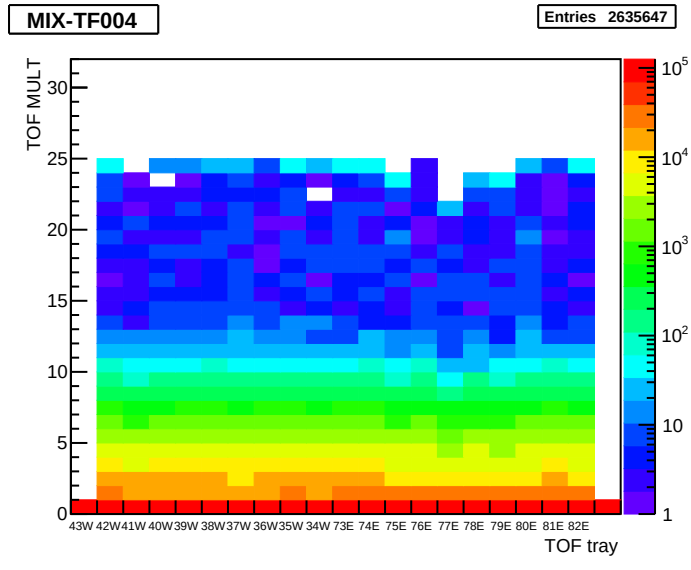

BunchId7Bit (Laser)
Entries 0

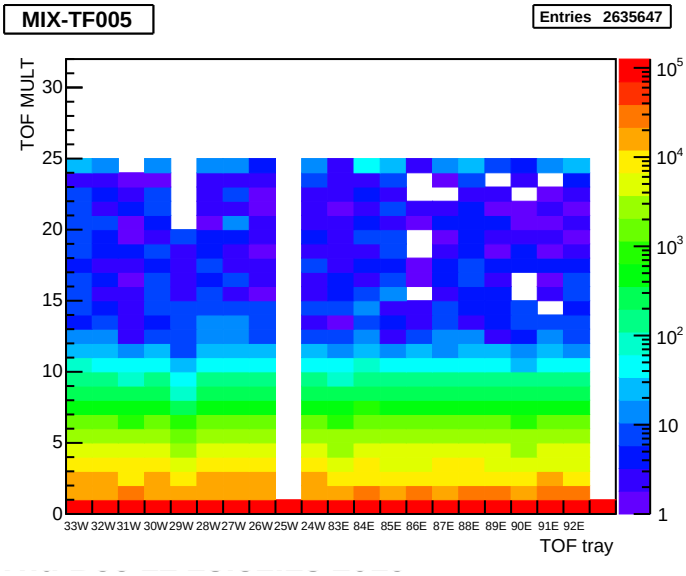

BunchId7Bit (TOFmult window)
Entries 4814

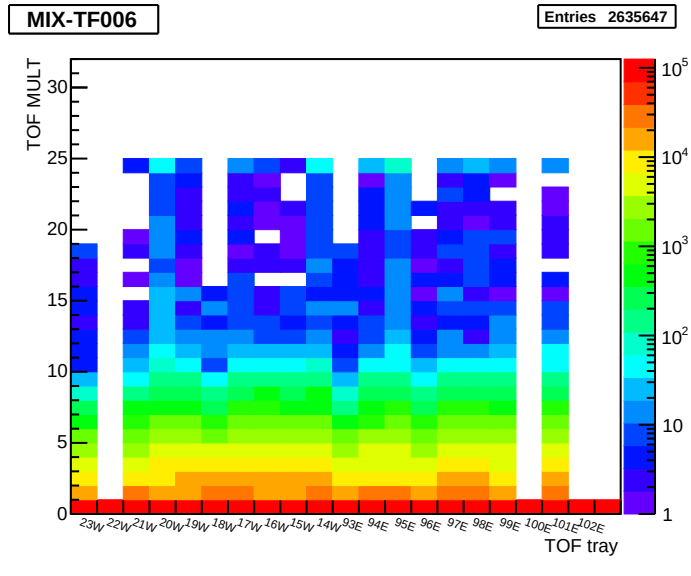

MIX-TF001
Entries 2635647
TOF MULT
TOF tray

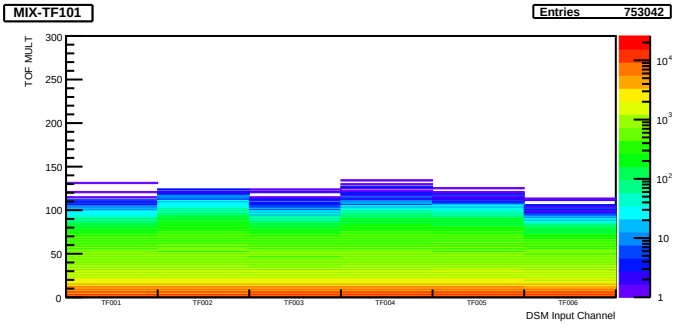

MIX-TF002
Entries 2635647
TOF MULT
TOF tray

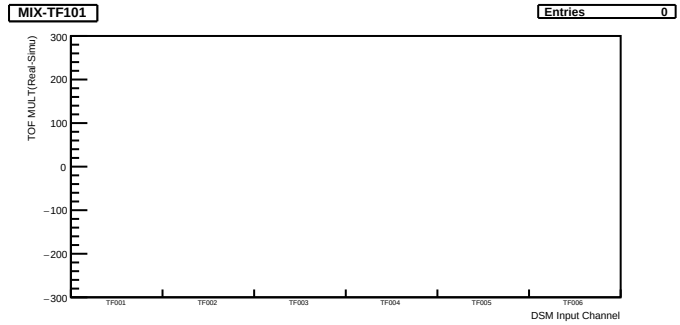

MIX-TF003
Entries 2635647
TOF MULT
TOF tray

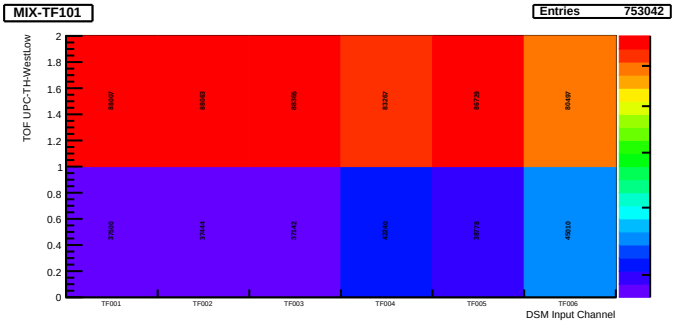

MIX-TF004
Entries 2635647
TOF MULT
TOF tray

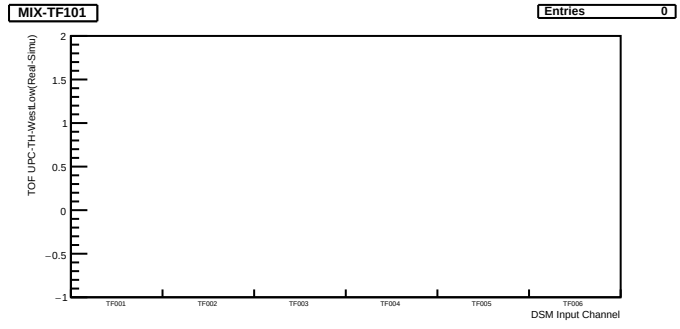

MIX-TF005
Entries 2635647
TOF MULT
TOF tray

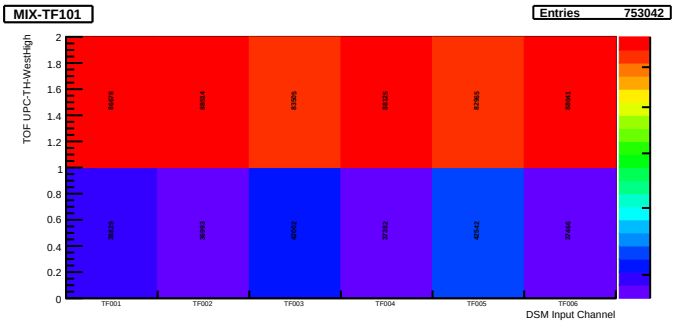

MIX-TF006
Entries 2635647
TOF MULT
TOF tray

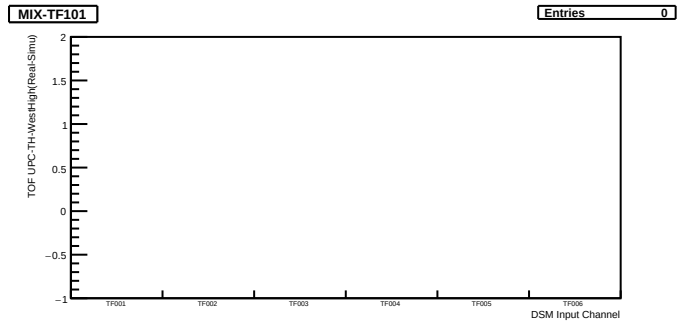

MIX-TF101
Entries 753042
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

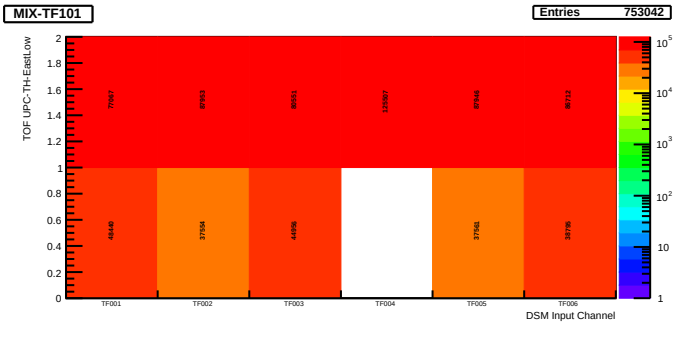

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

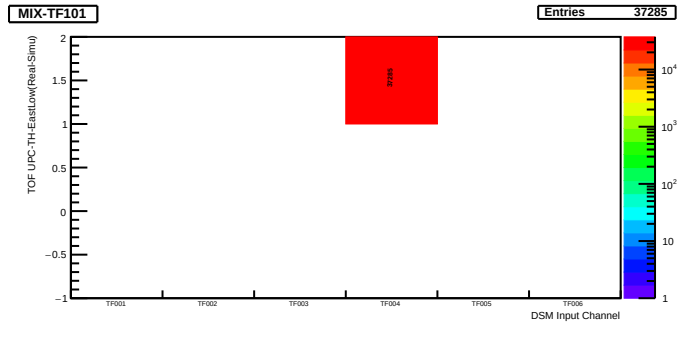

MIX-TF101
Entries 753042
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

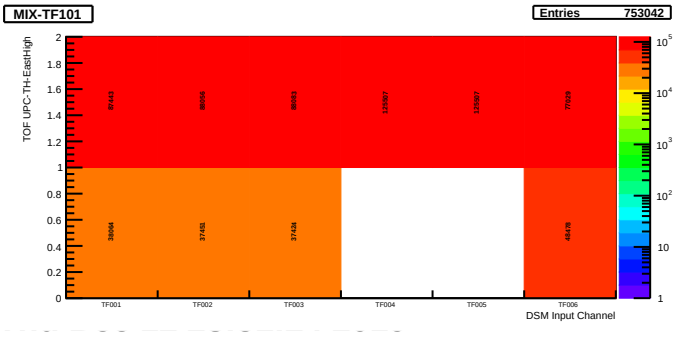

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

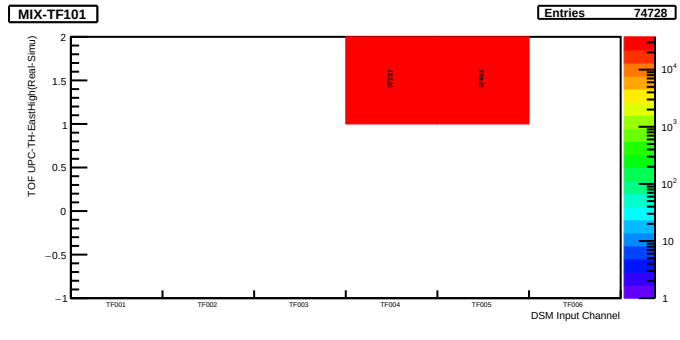

MIX-TF101
Entries 753042
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

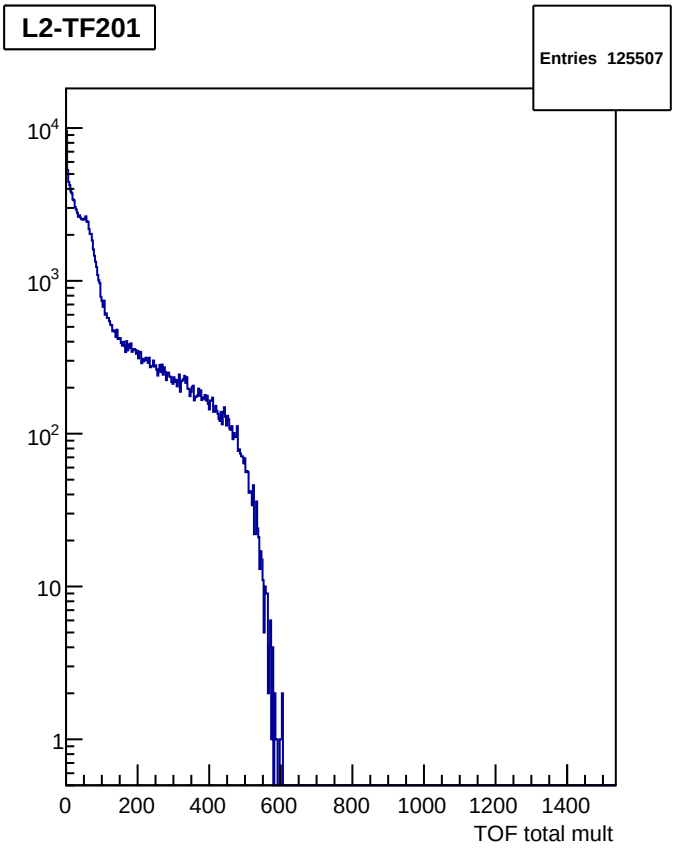

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

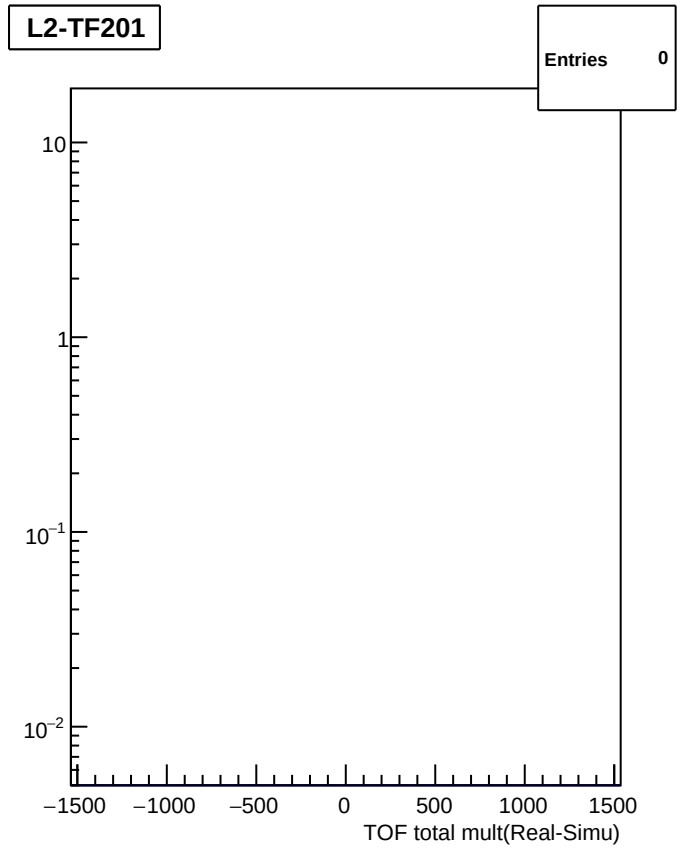

MIX-TF101
Entries 753042
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

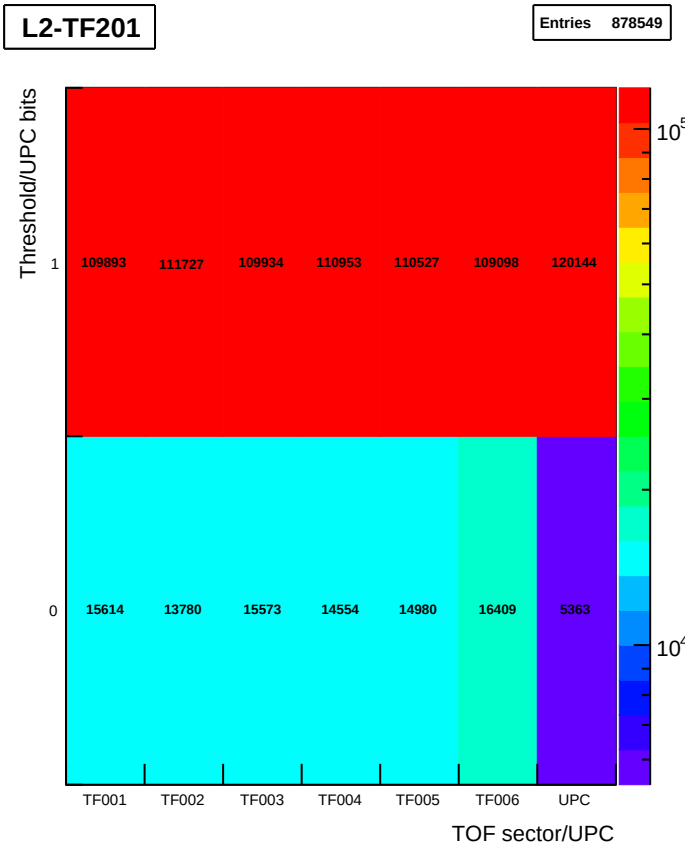

MIX-TF101
Entries 37285
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

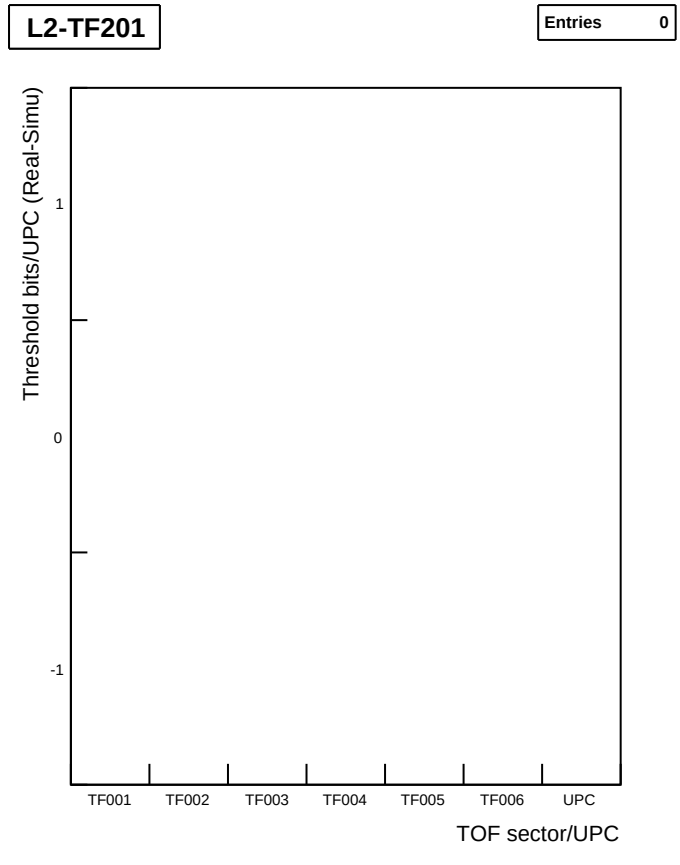

MIX-TF101
Entries 753042
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

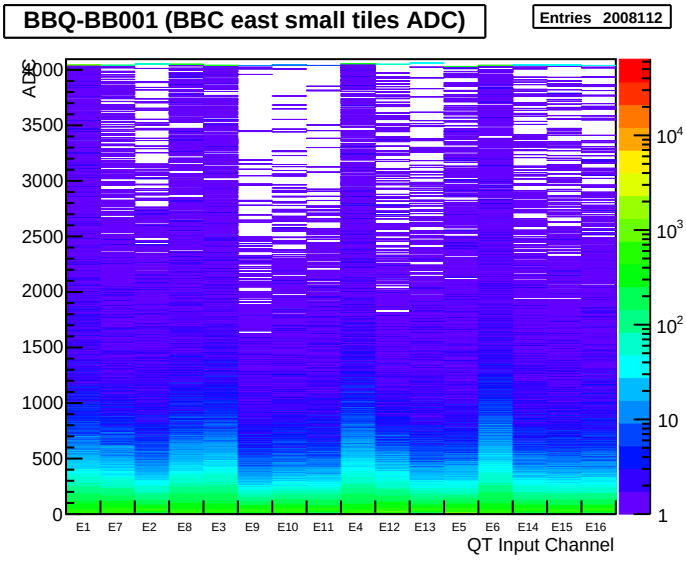

MIX-TF101
Entries 74728
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

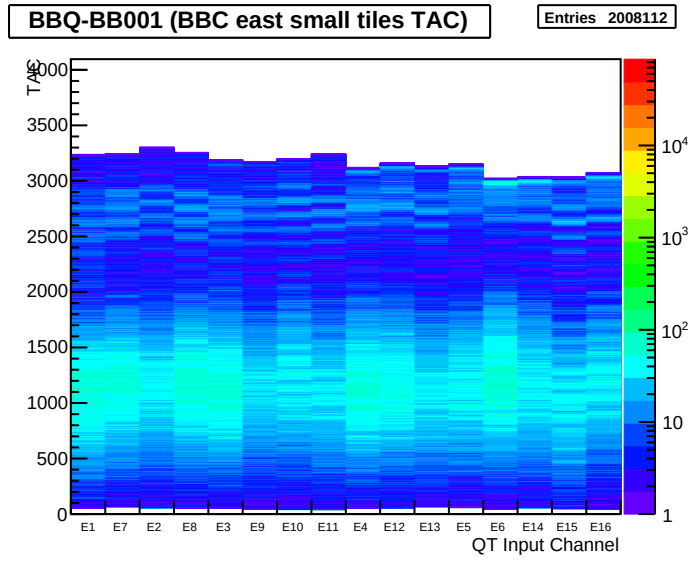

L2-TF201
Entries 125507
TOF total mult

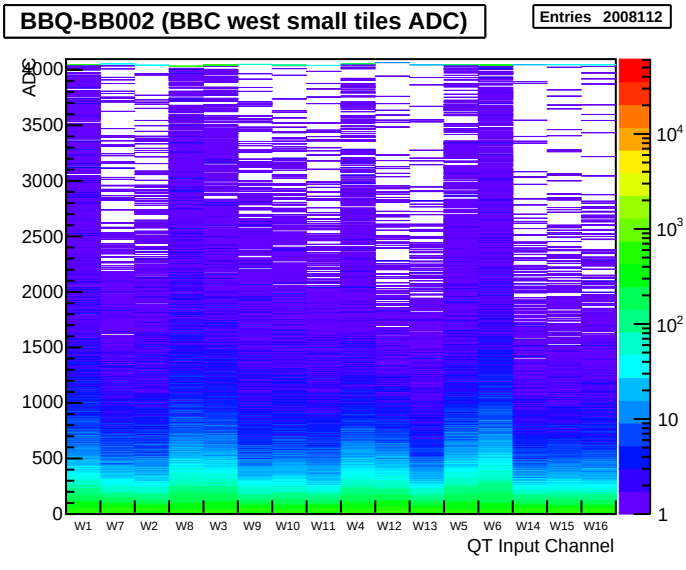

L2-TF201
Entries 0
TOF total mult(Real-Simu)

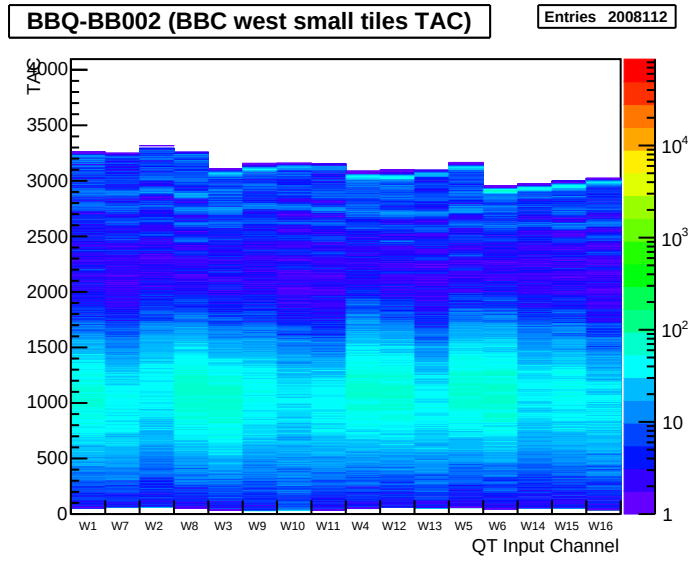

L2-TF201
Entries 878549
Threshold/UPC bits
109893
111727
109934
110953
110527
109098
120144
15614
13780
15573
14554
14980
16409
5363
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

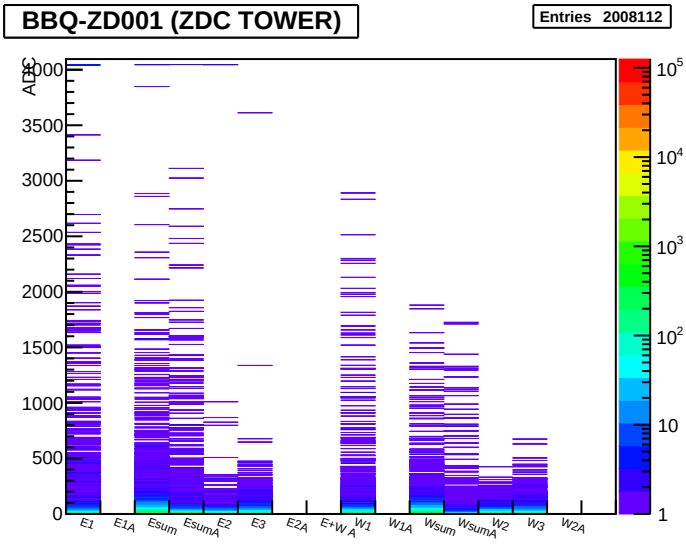

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

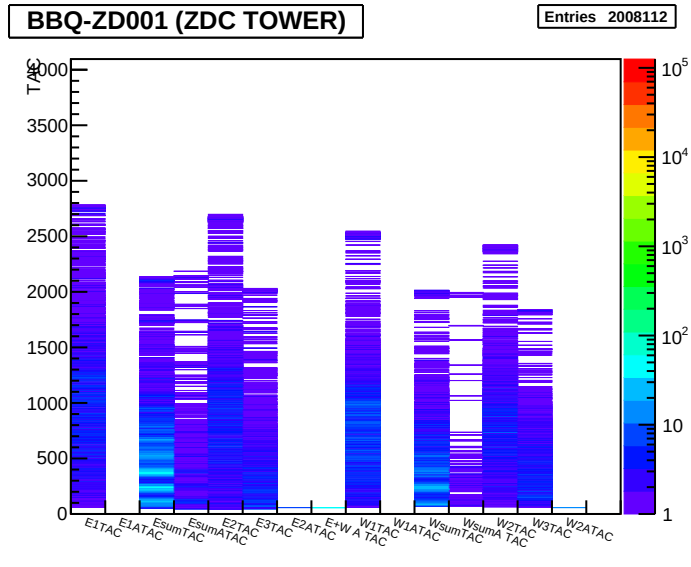

BBQ-BB001 (BBC east small tiles ADC)
Entries 2008112
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

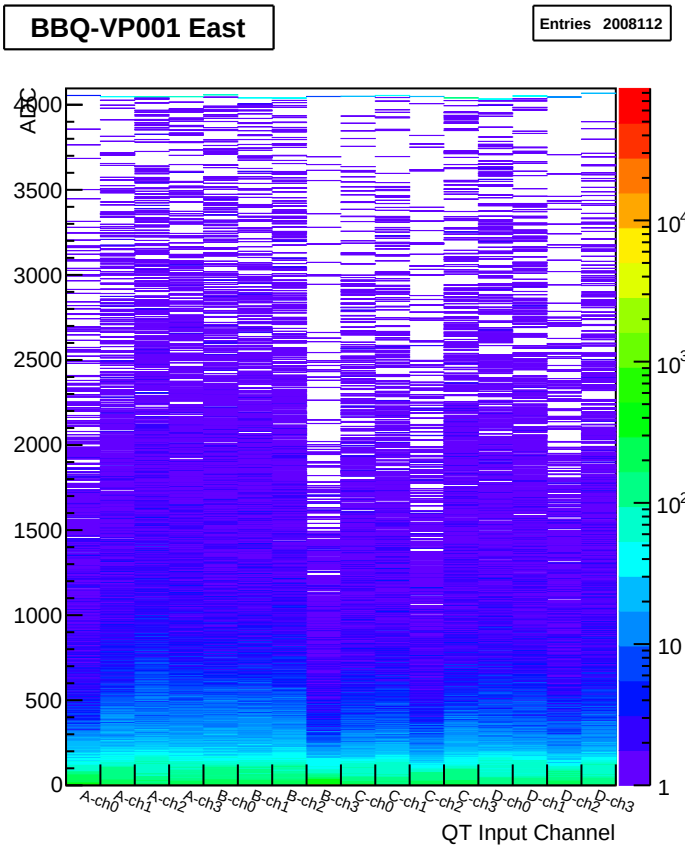

BBQ-BB001 (BBC east small tiles TAC)
Entries 2008112
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

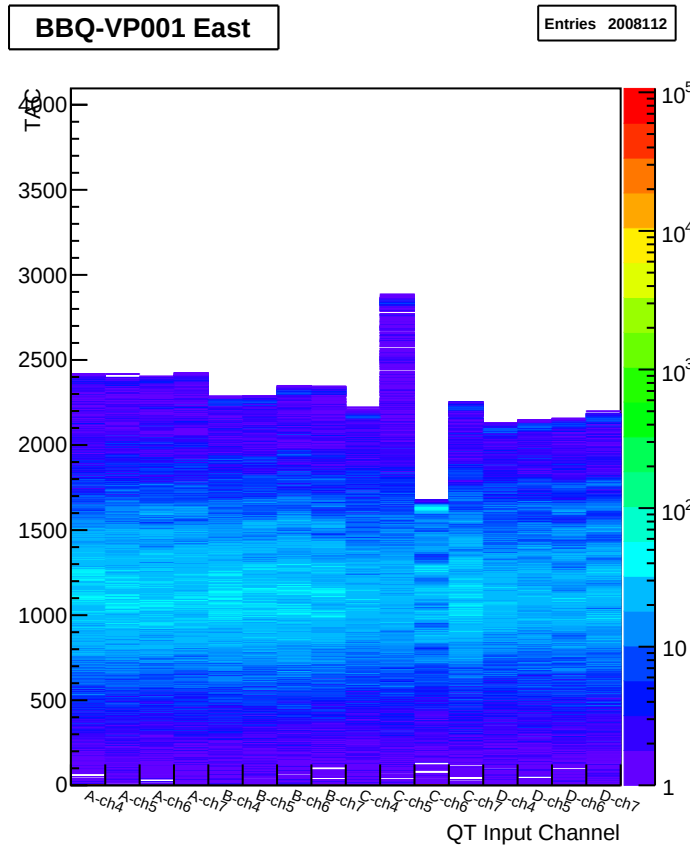

BBQ-BB002 (BBC west small tiles ADC)
Entries 2008112
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

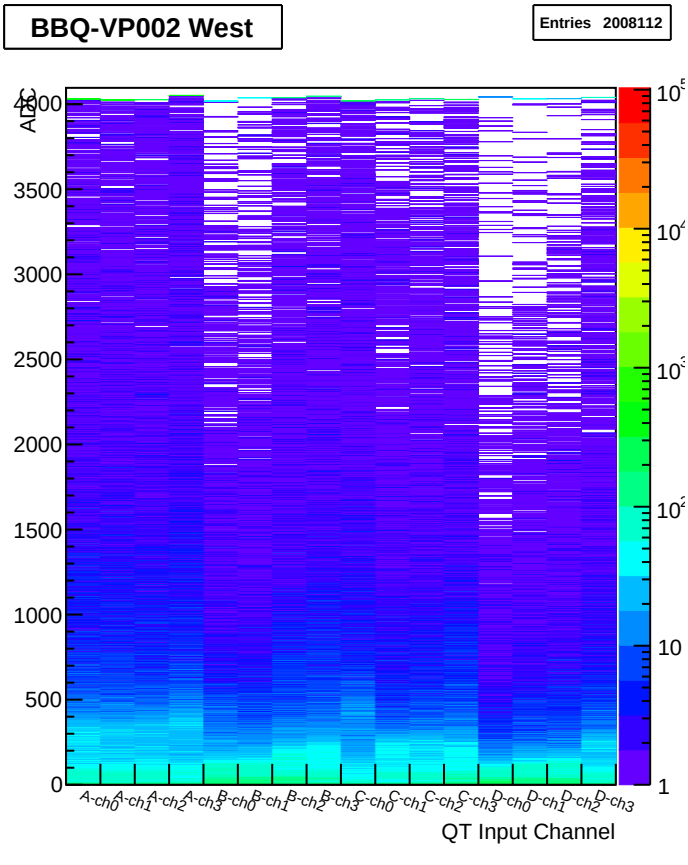

BBQ-BB002 (BBC west small tiles TAC)
Entries 2008112
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

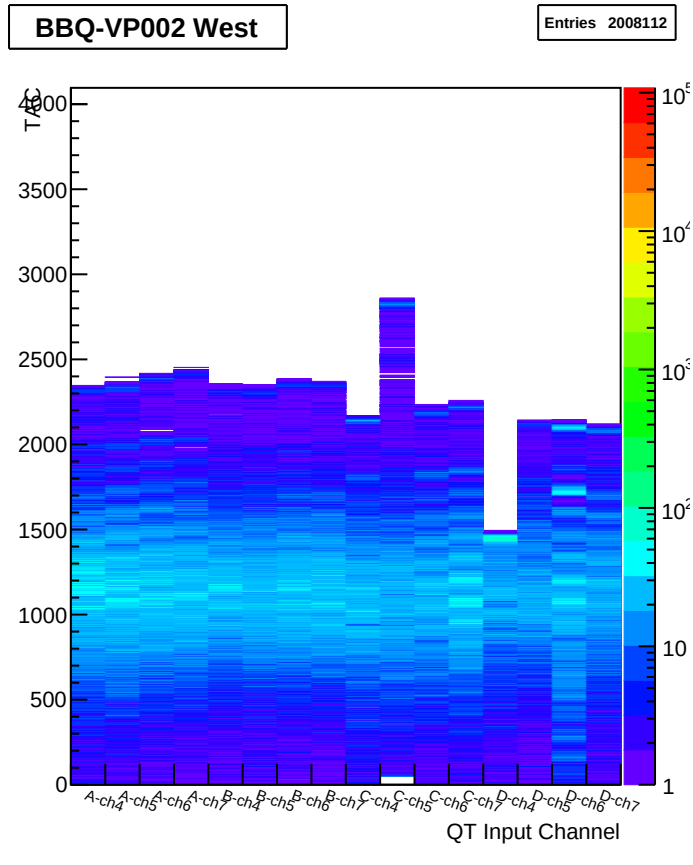

BBQ-ZD001 (ZDC TOWER)
Entries 2008112
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

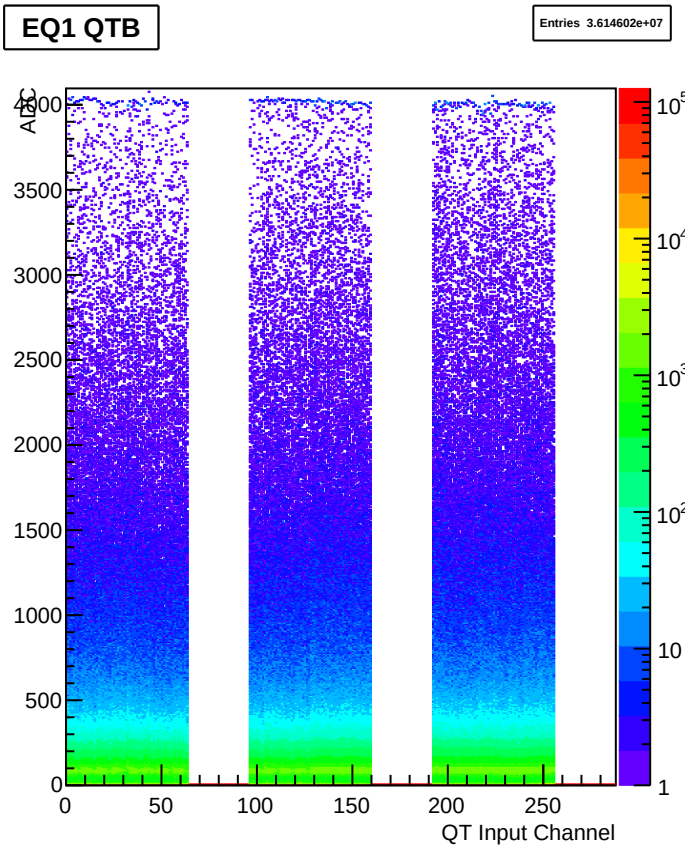

BBQ-ZD001 (ZDC TOWER)
Entries 2008112
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

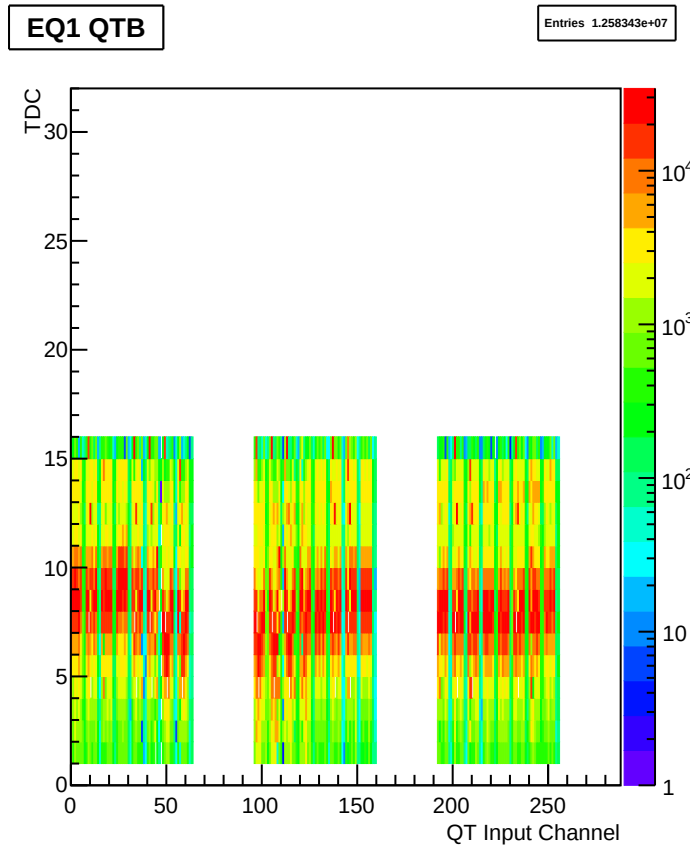

BBQ-VP001 East
Entries 2008112
ADC
QT Input Channel

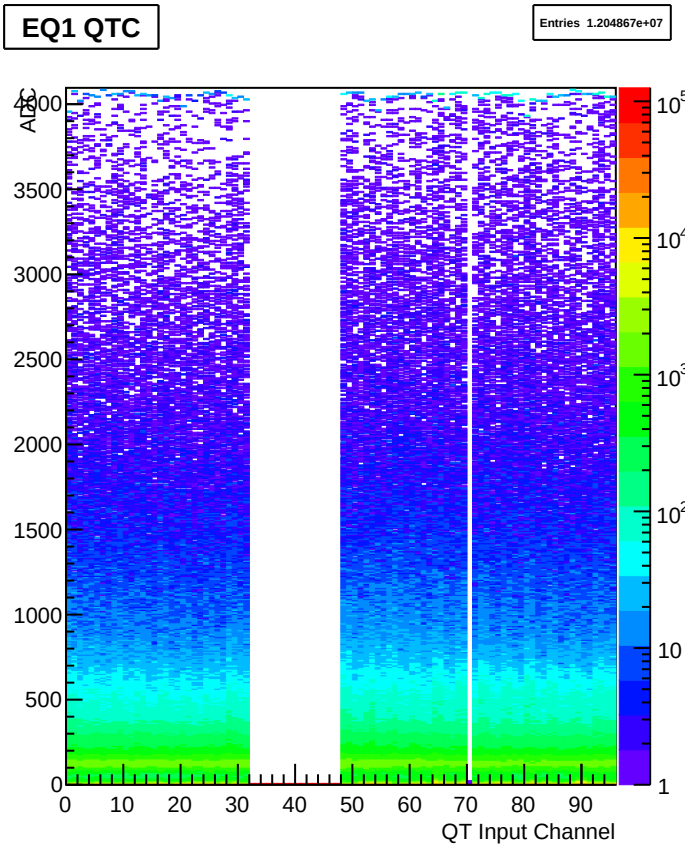

BBQ-VP001 East
Entries 2008112
TADC
QT Input Channel

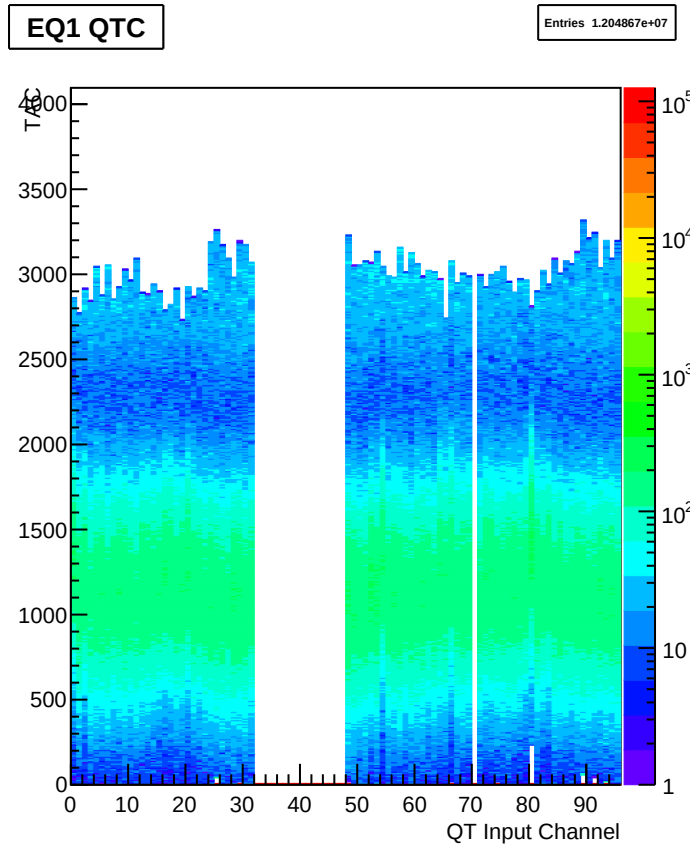

BBQ-VP002 West
Entries 2008112
ADC
QT Input Channel

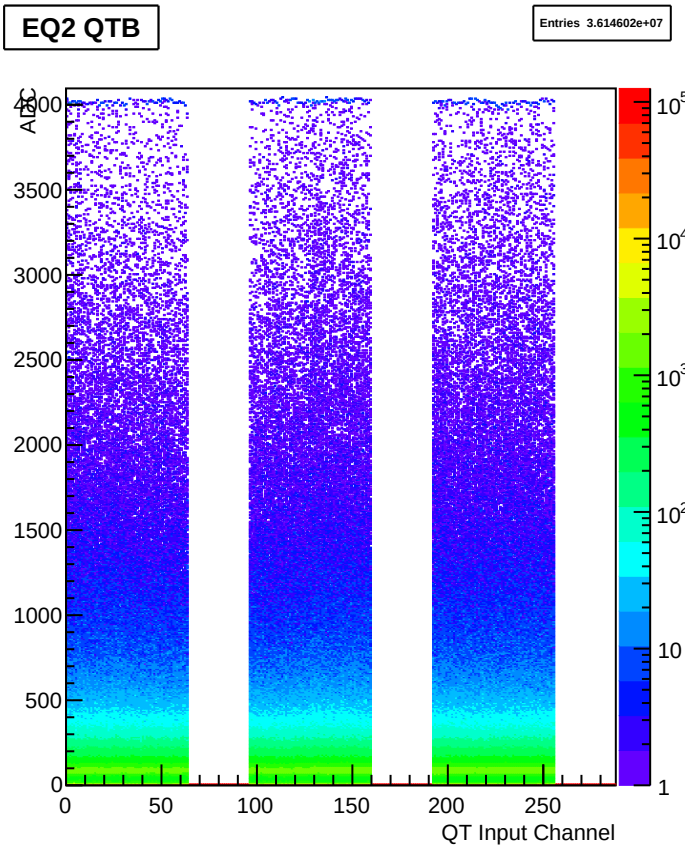

BBQ-VP002 West
Entries 2008112
TADC
QT Input Channel

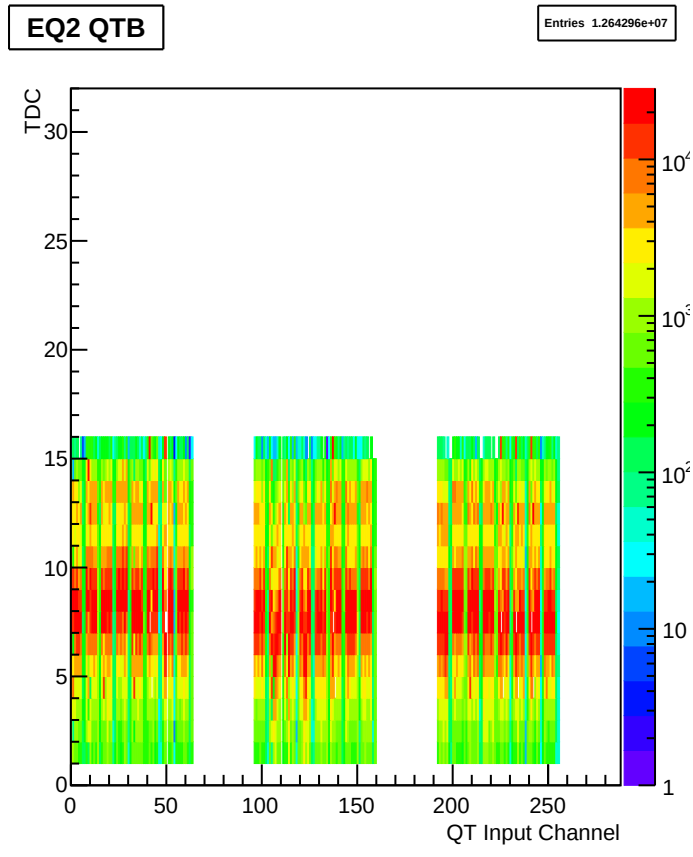

EQ1 QTB
Entries 3.614602e+07
ADC
QT Input Channel

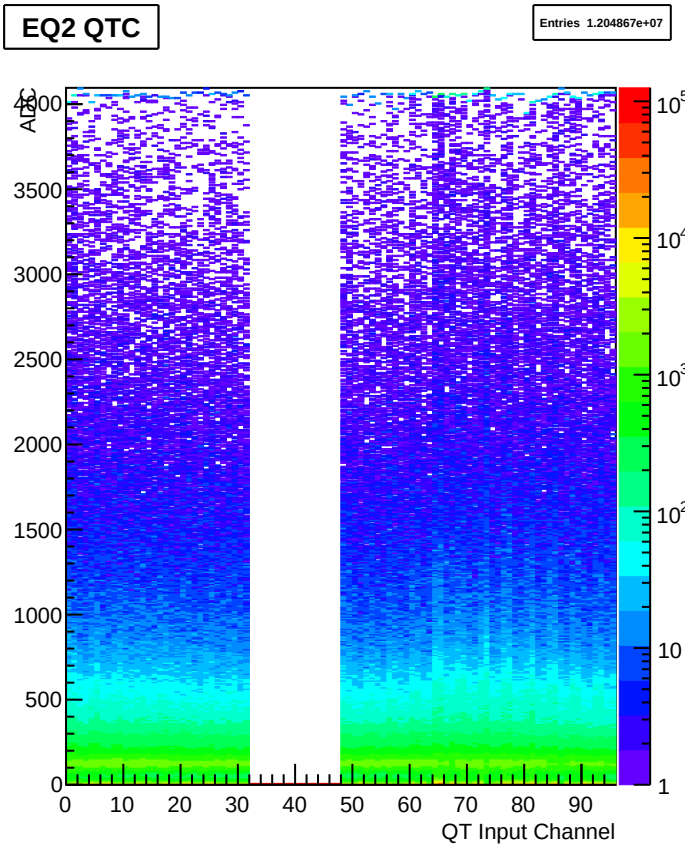

EQ1 QTB
Entries 1.258343e+07
TDC
QT Input Channel

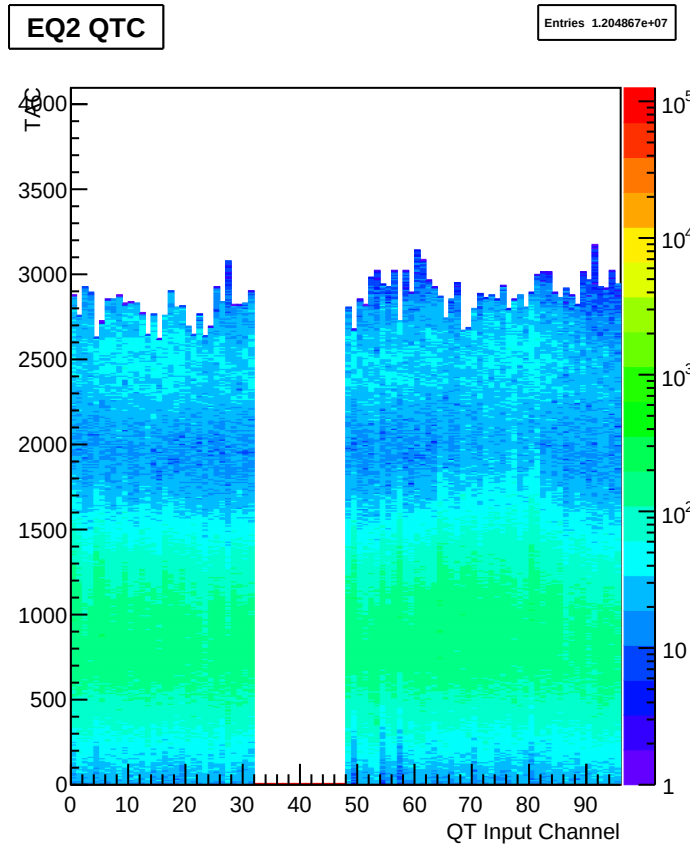

EQ1 QTC
Entries 1.204867e+07
ADC
QT Input Channel

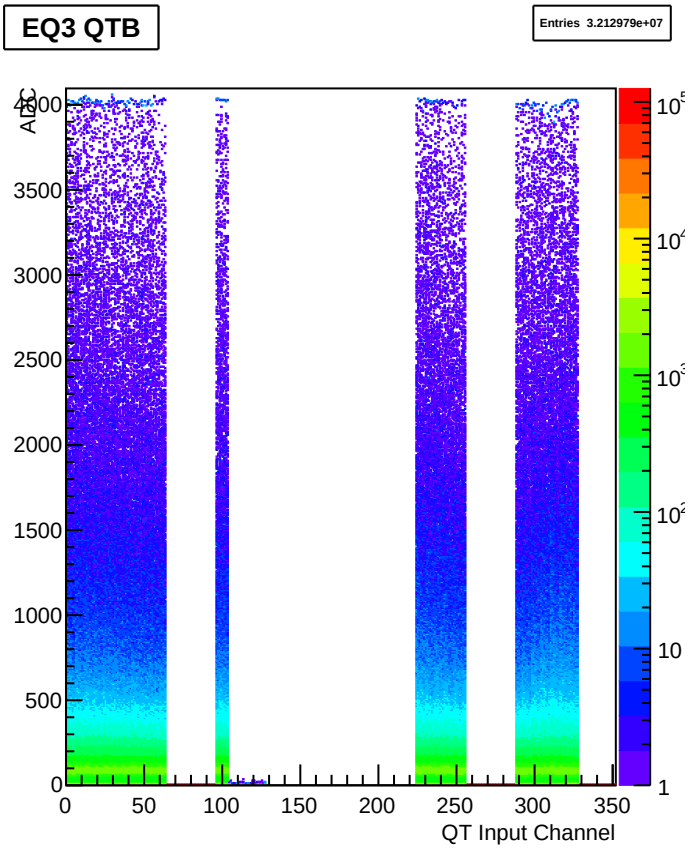

EQ1 QTC
Entries 1.204867e+07
TADC
QT Input Channel

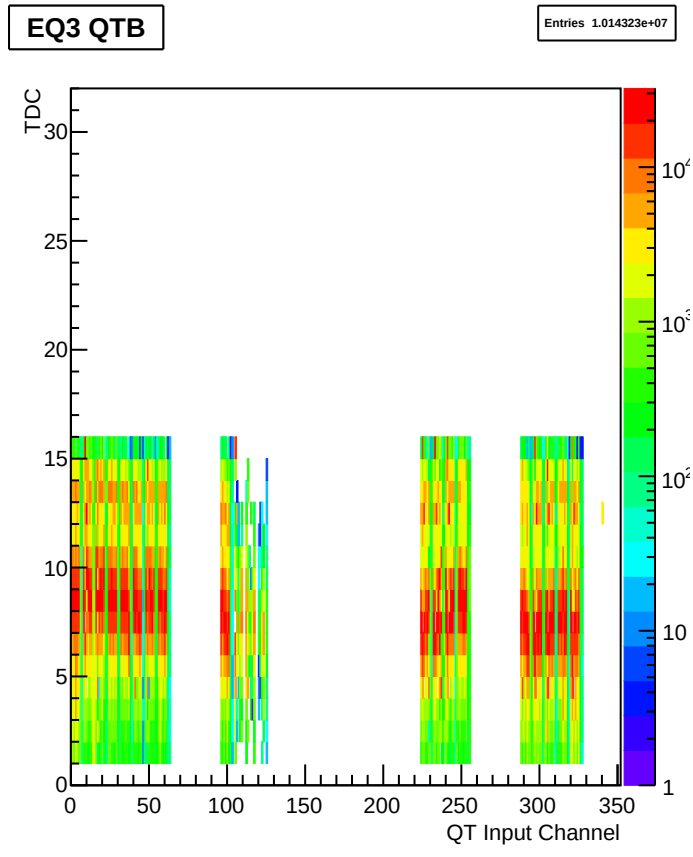

EQ2 QTB
Entries 3.614602e+07
ADC
QT Input Channel

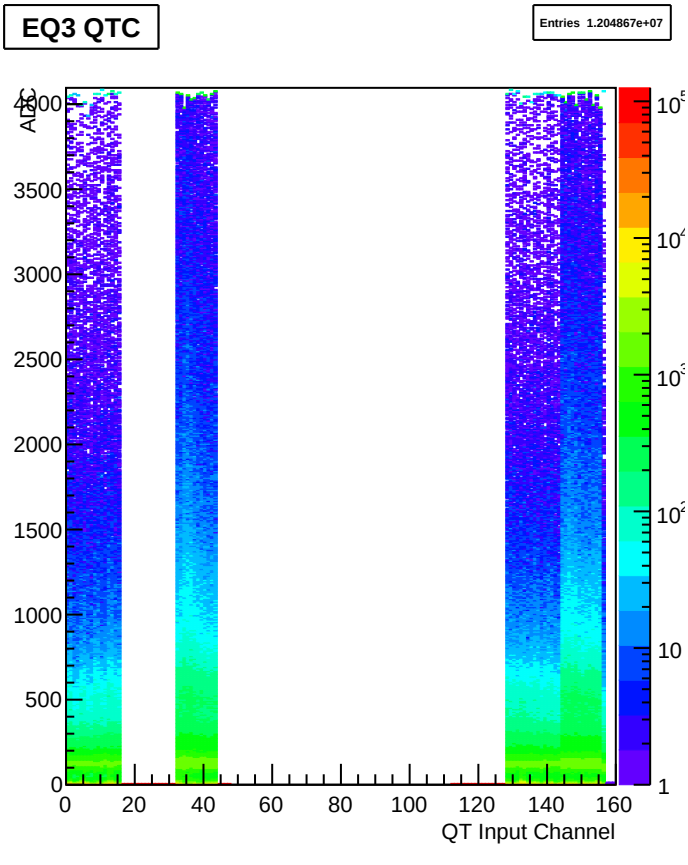

EQ2 QTB
Entries 1.264296e+07
TDC
QT Input Channel

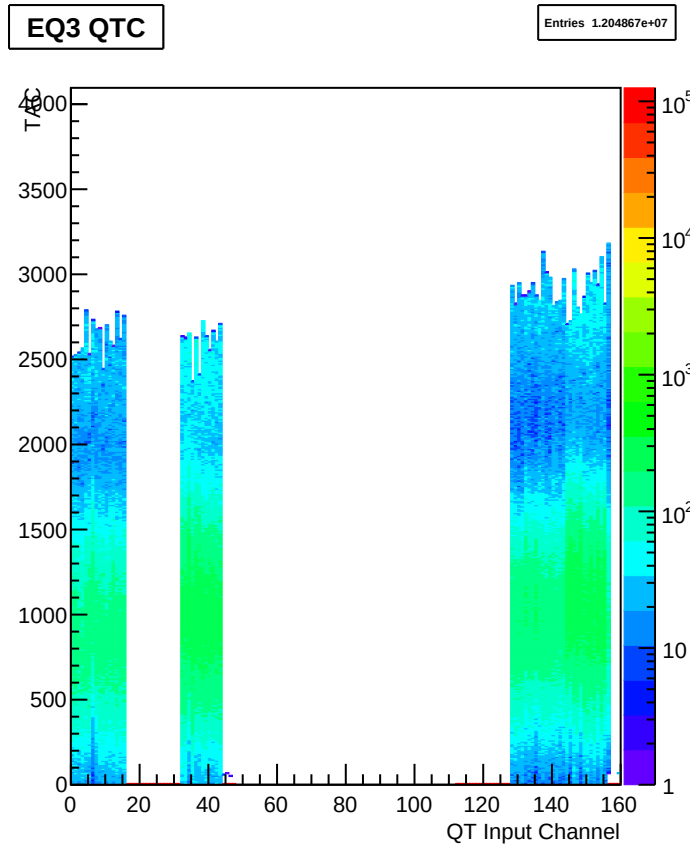

EQ2 QTC
Entries 1.204867e+07
ADC
QT Input Channel

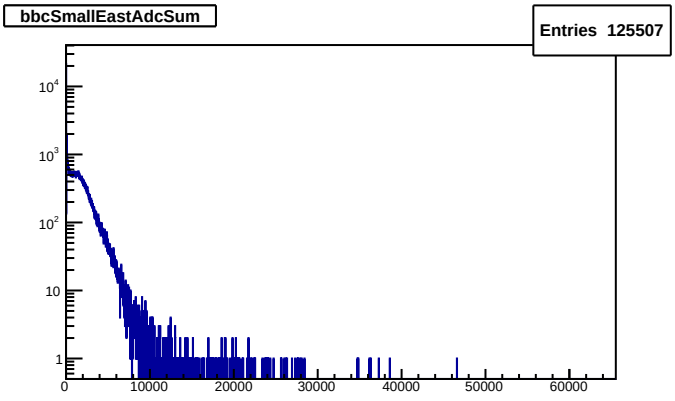

EQ2 QTC
Entries 1.204867e+07
TADC
QT Input Channel

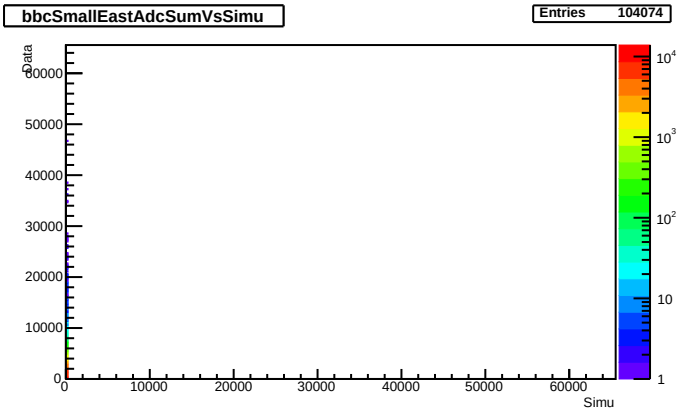

EQ3 QTB
Entries 3.212979e+07
ADC
QT Input Channel

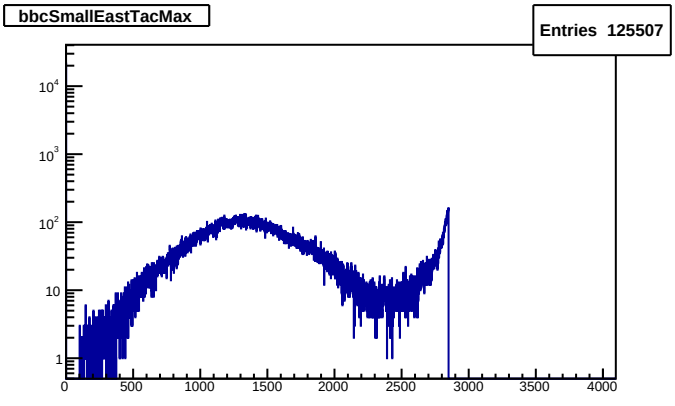

EQ3 QTB
Entries 1.014323e+07
TDC
QT Input Channel

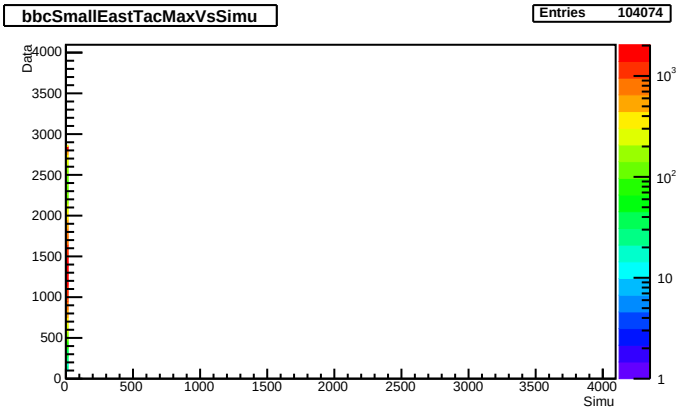

EQ3 QTC
Entries 1.204867e+07
ADC
QT Input Channel

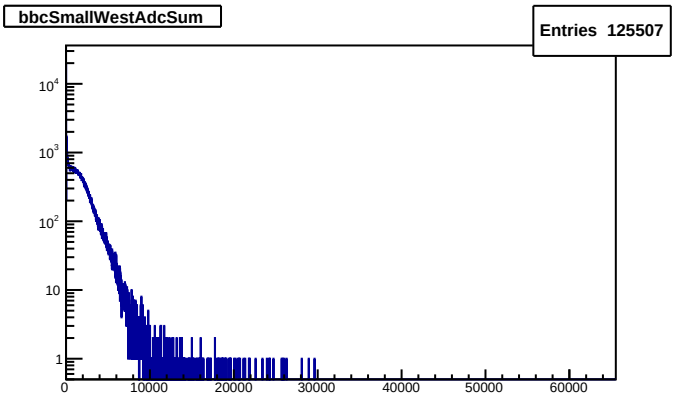

EQ3 QTC
Entries 1.204867e+07
TADC
QT Input Channel

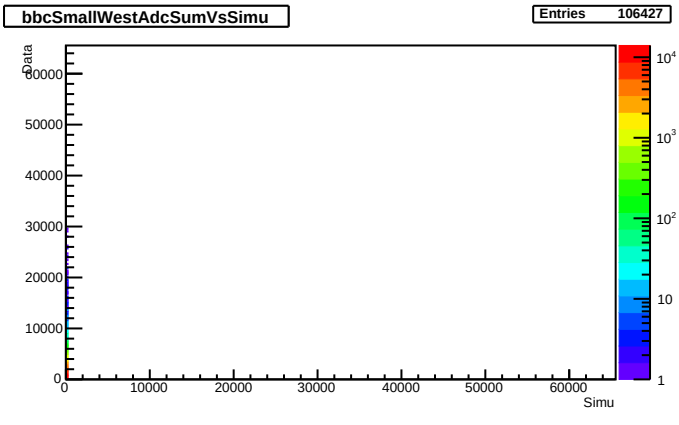

bbcSmallEastAdcSum
Entries 125507

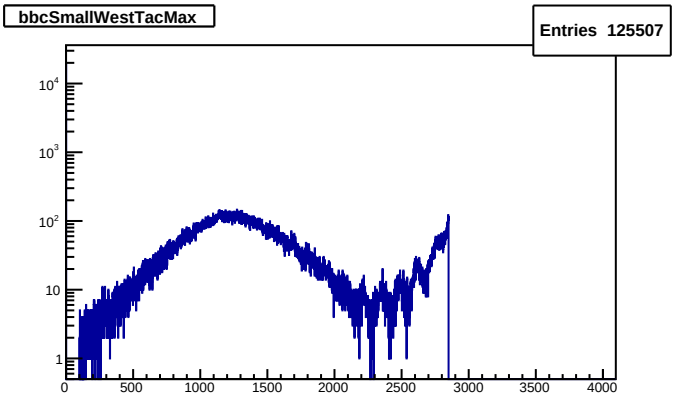

bbcSmallEastAdcSumVsSimu
Entries 104074
Data
Simu

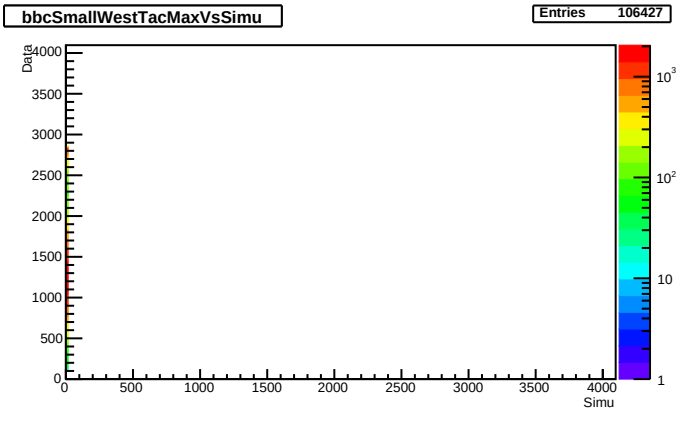

bbcSmallEastTacMax
Entries 125507

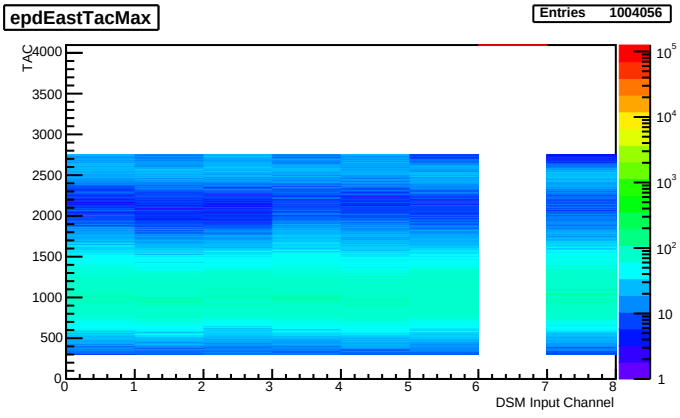

bbcSmallEastTacMaxVsSimu
Entries 104074
Data
Simu

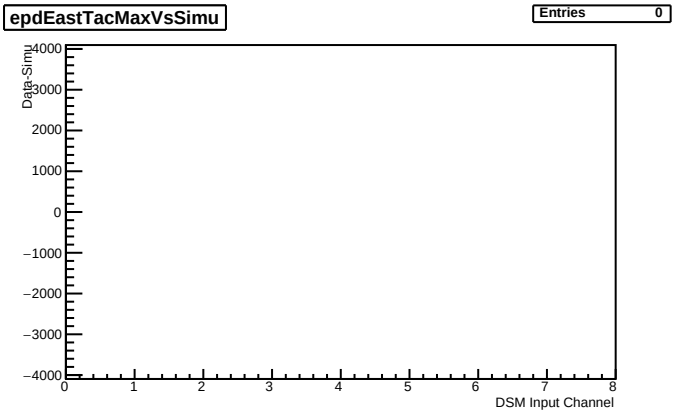

bbcSmallWestAdcSum
Entries 125507

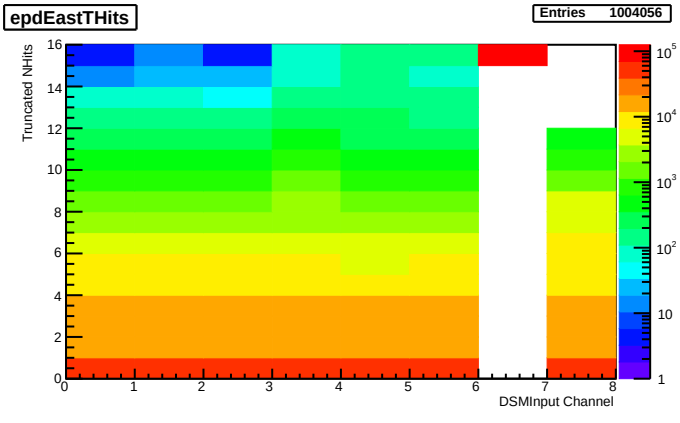

bbcSmallWestAdcSumVsSimu
Entries 106427
Data
Simu

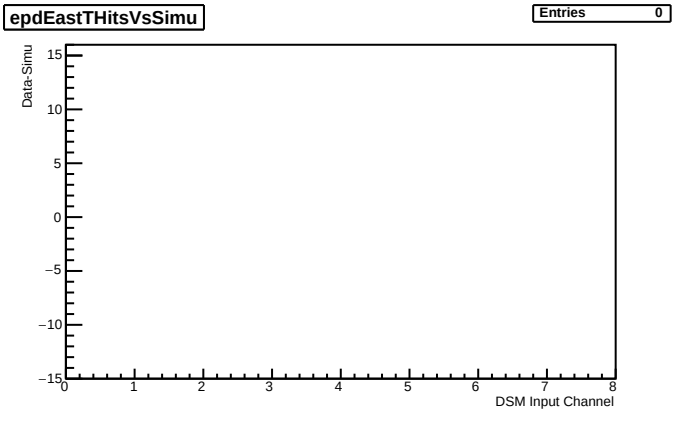

bbcSmallWestTacMax
Entries 125507

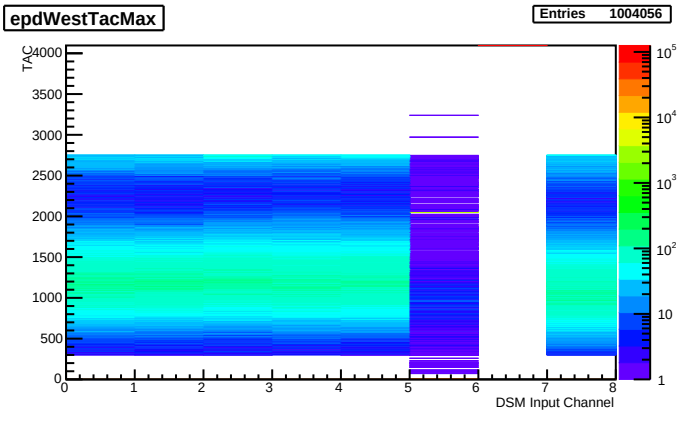

bbcSmallWestTacMaxVsSimu
Entries 106427
Data
Simu

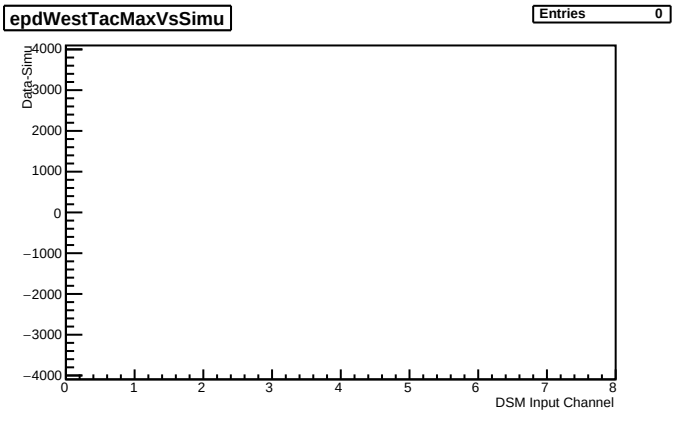

epdEastTacMax
Entries 1004056
TAC
DSM Input Channel

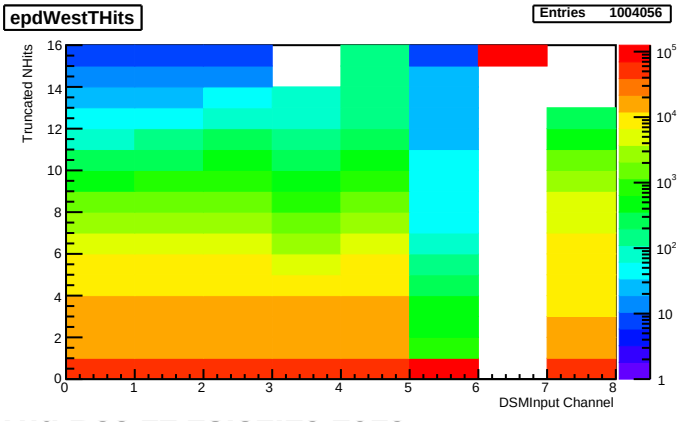

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

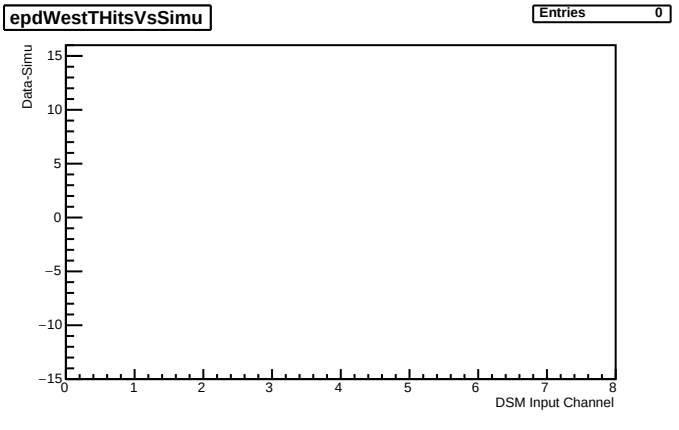

epdEastTHits
Entries 1004056
Truncated NHits
DSMInput Channel

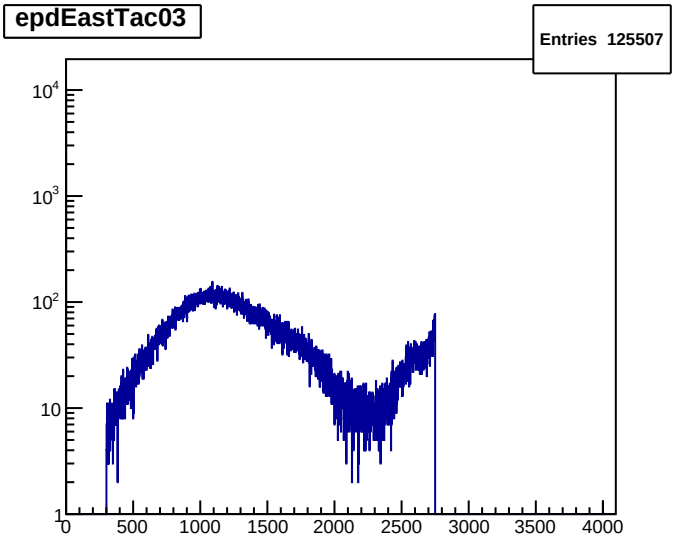

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

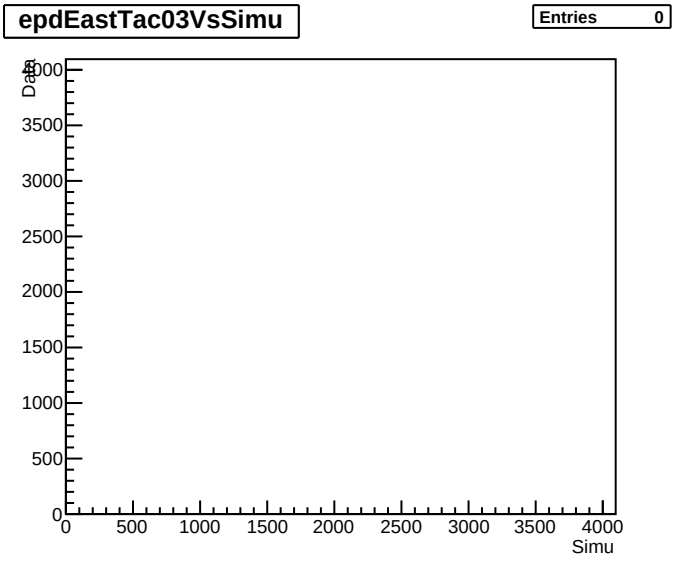

epdWestTacMax
Entries 1004056
TAC
DSM Input Channel

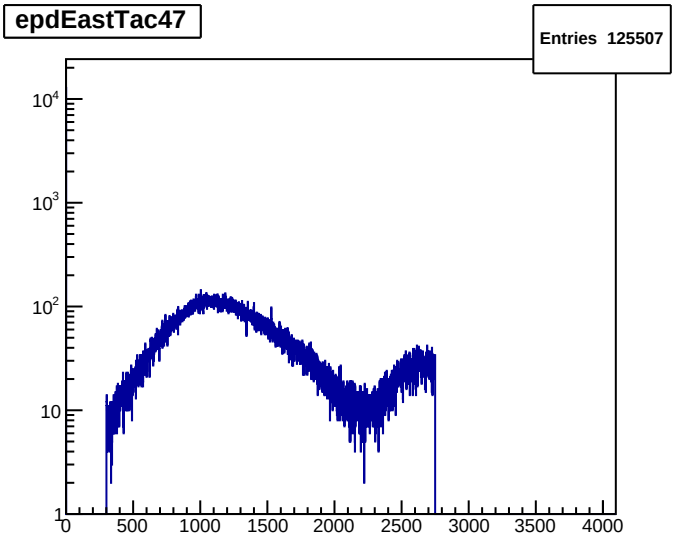

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

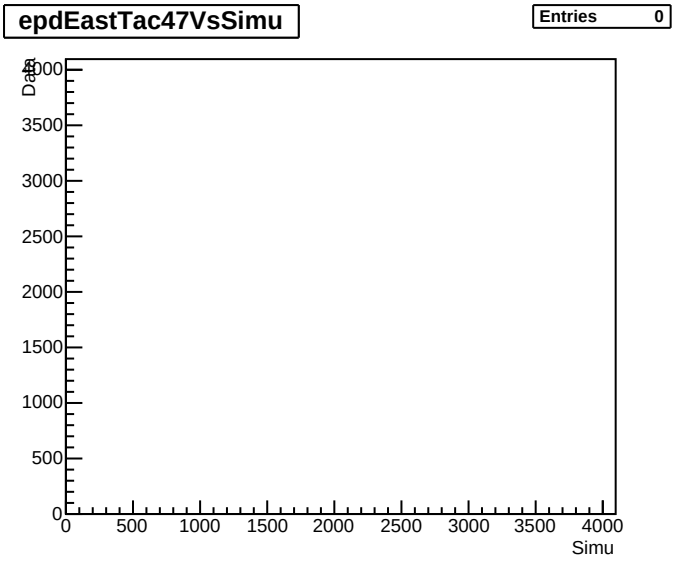

epdWestTHits
Entries 1004056
Truncated NHits
DSMInput Channel

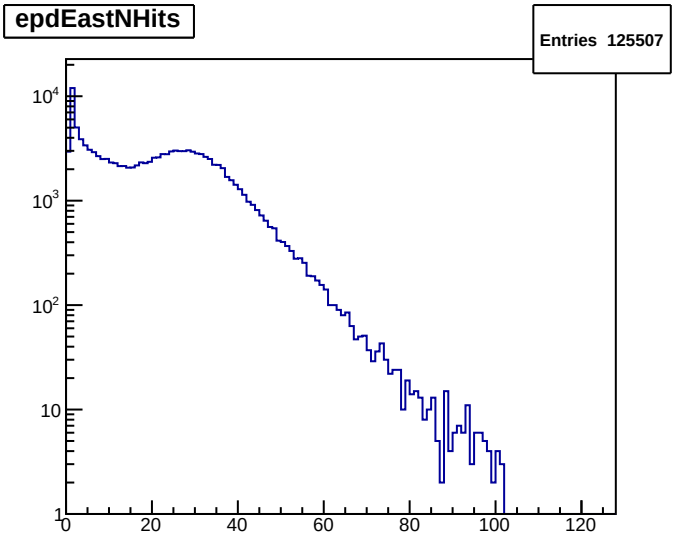

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

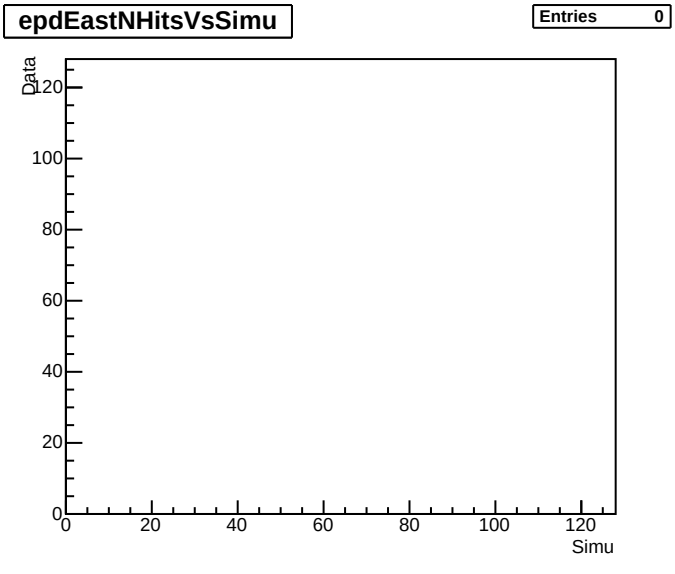

epdEastTac03
Entries 125507

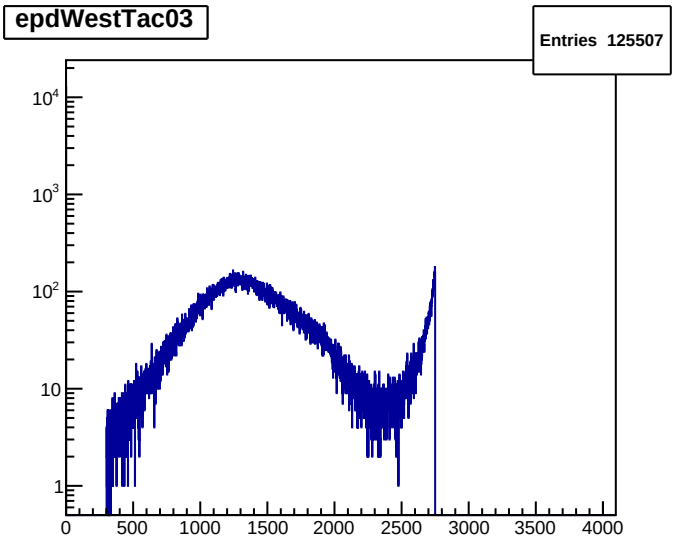

epdEastTac03VsSimu
Entries 0
Data
Simu

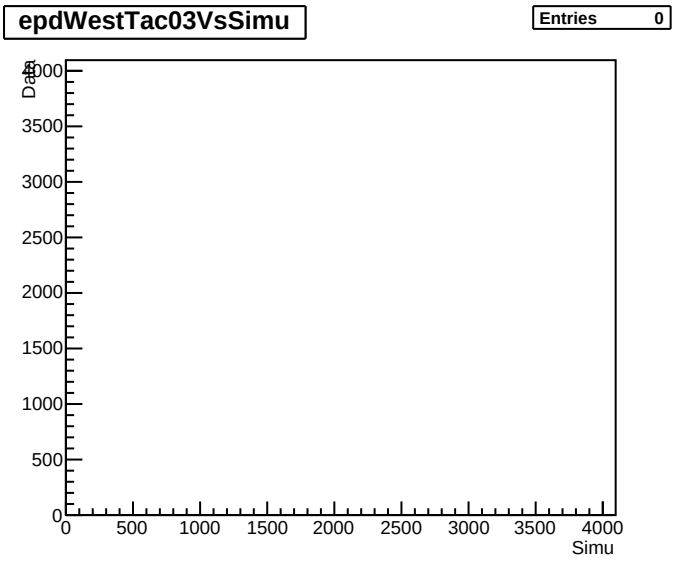

epdEastTac47
Entries 125507

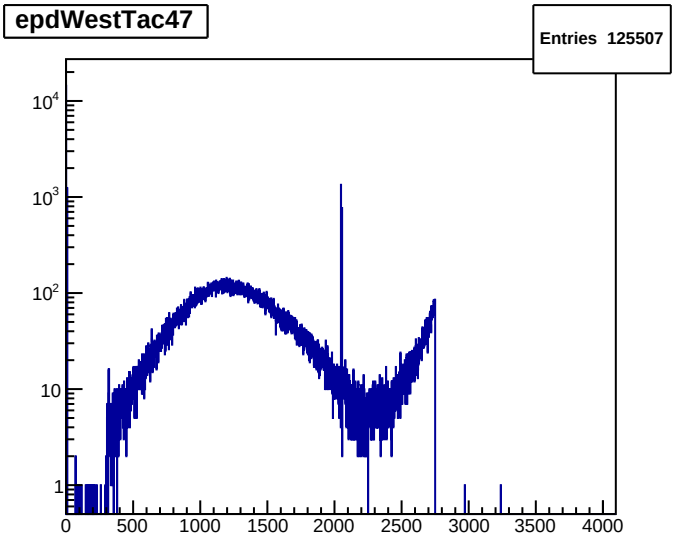

epdEastTac47VsSimu
Entries 0
Data
Simu

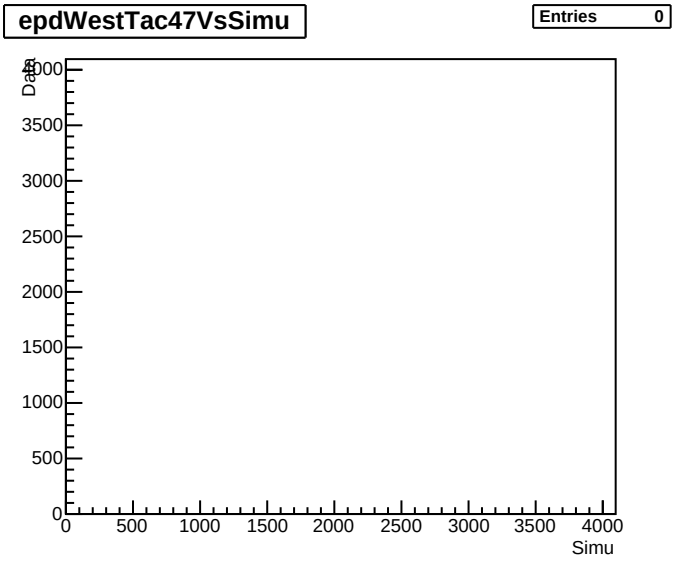

epdEastNHits
Entries 125507

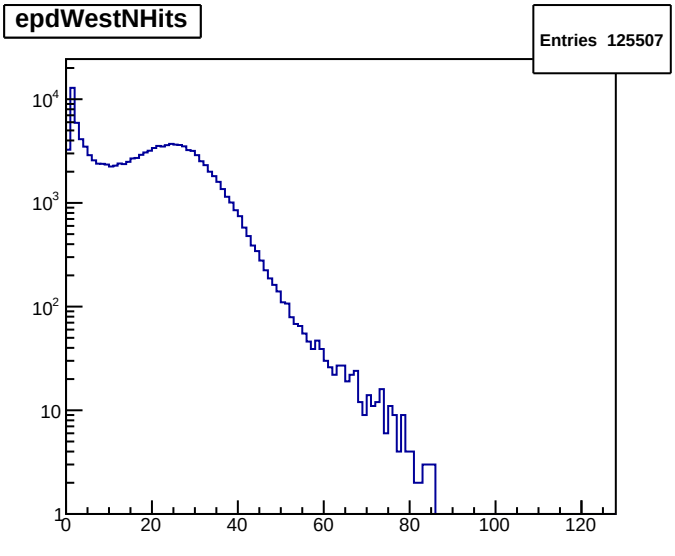

epdEastNHitsVsSimu
Entries 0
Data
Simu

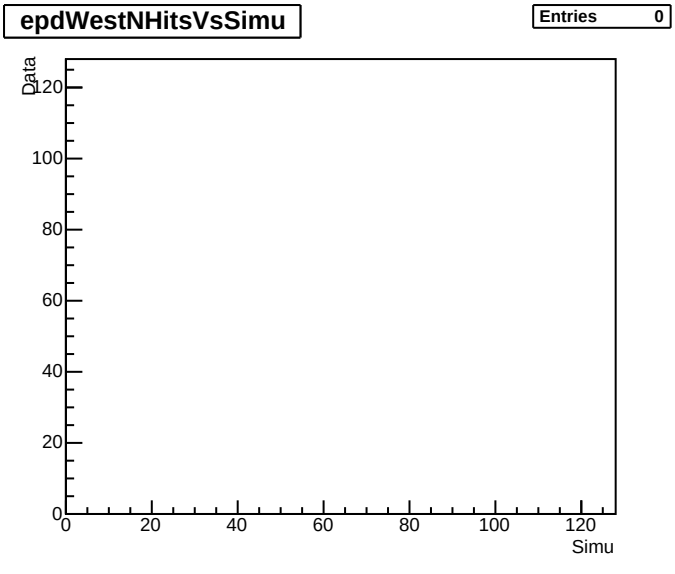

epdWestTac03
Entries 125507

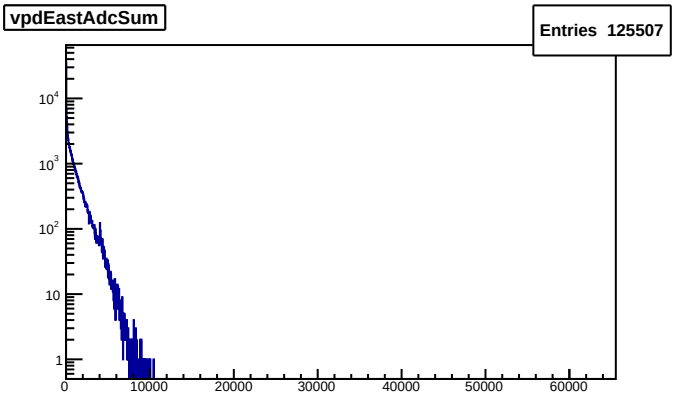

epdWestTac03VsSimu
Entries 0
Data
Simu

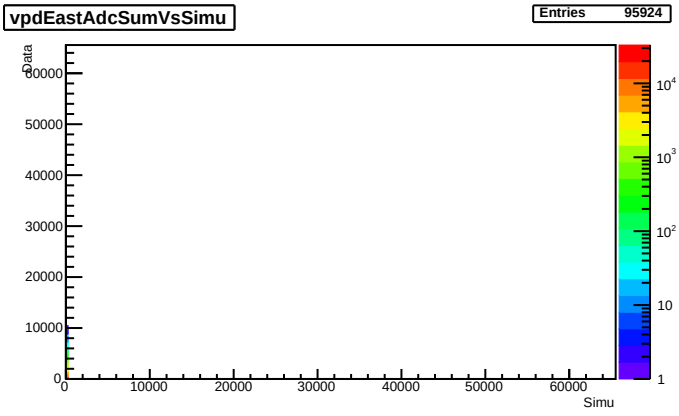

epdWestTac47
Entries 125507

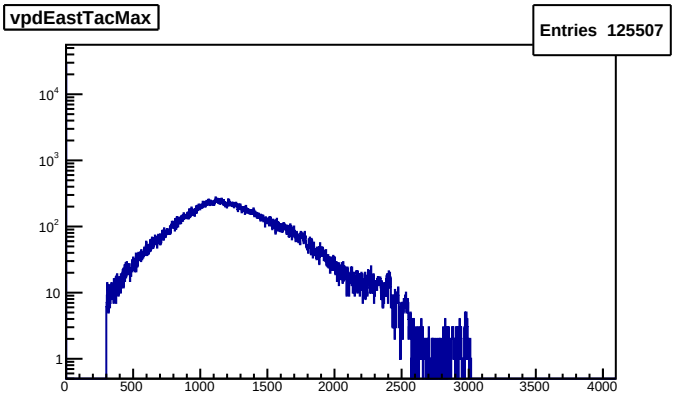

epdWestTac47VsSimu
Entries 0
Data
Simu

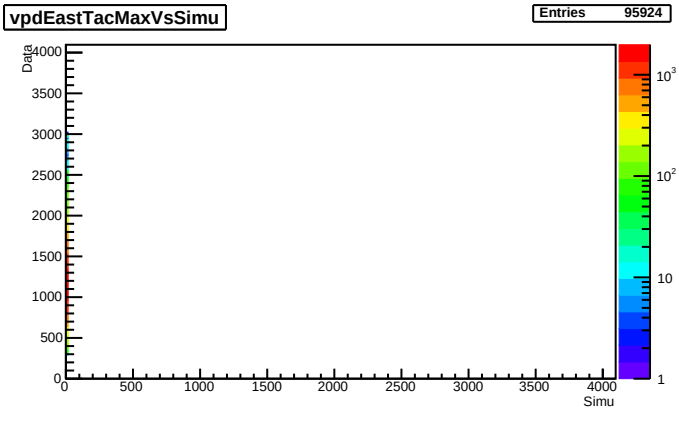

epdWestNHits
Entries 125507

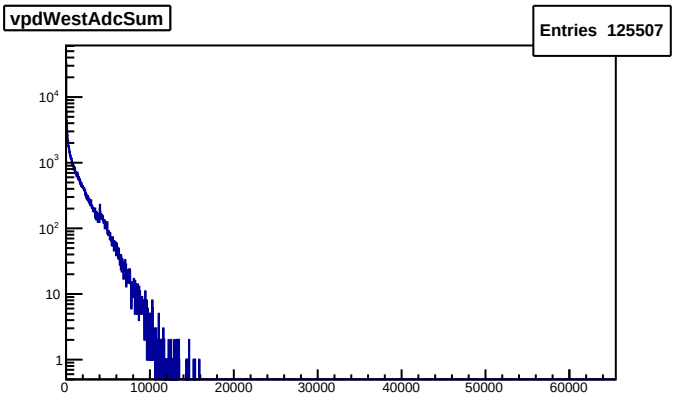

epdWestNHitsVsSimu
Entries 0
Data
Simu

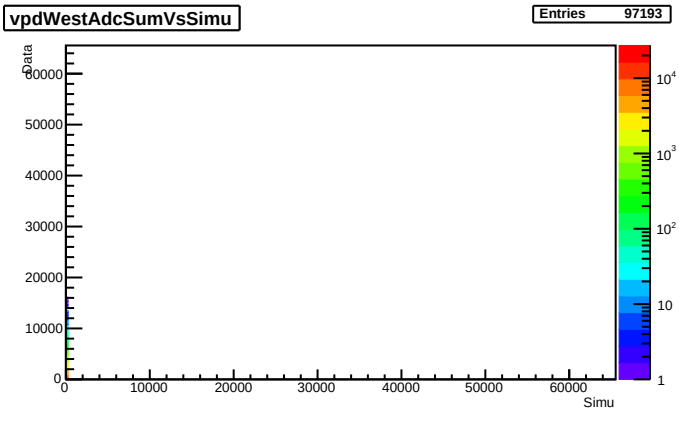

vpdEastAdcSum
Entries 125507

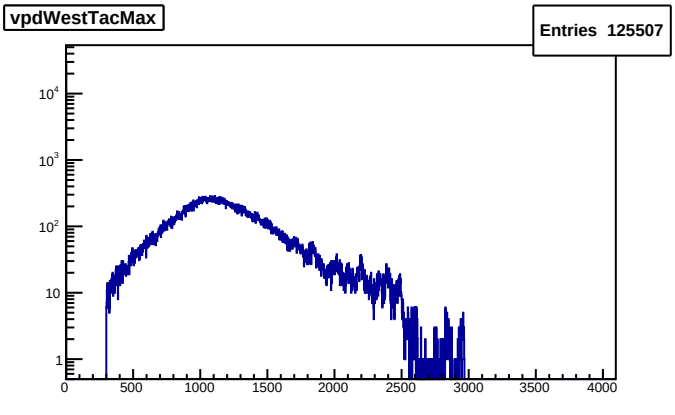

vpdEastAdcSumVsSimu
Entries 95924
Data
Simu

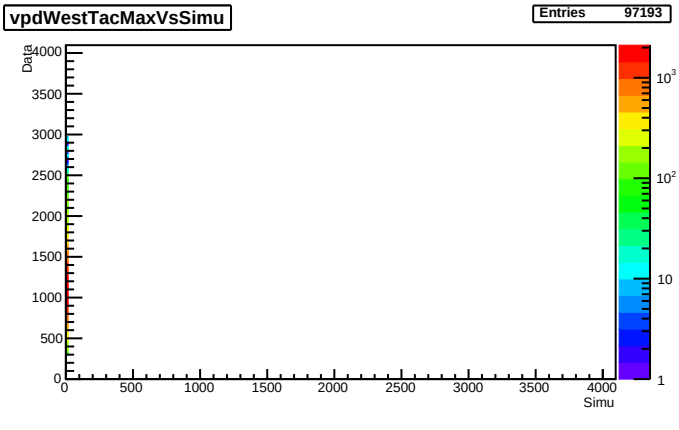

vpdEastTacMax
Entries 125507

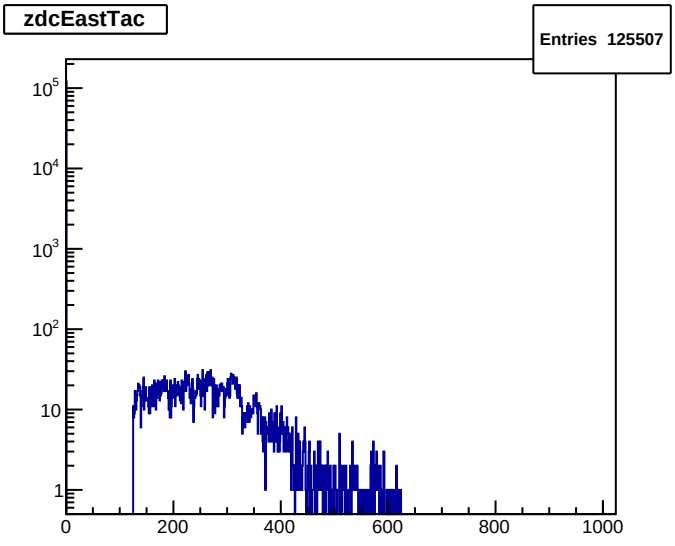

vpdEastTacMaxVsSimu
Entries 95924
Data
Simu

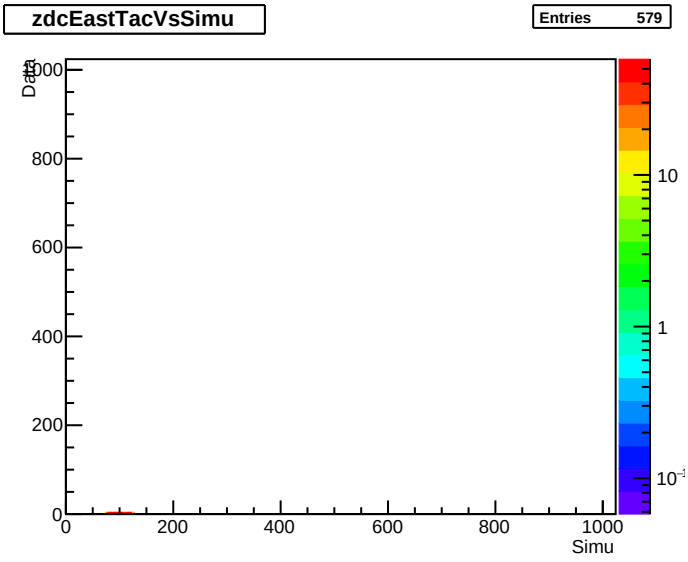

vpdWestAdcSum
Entries 125507

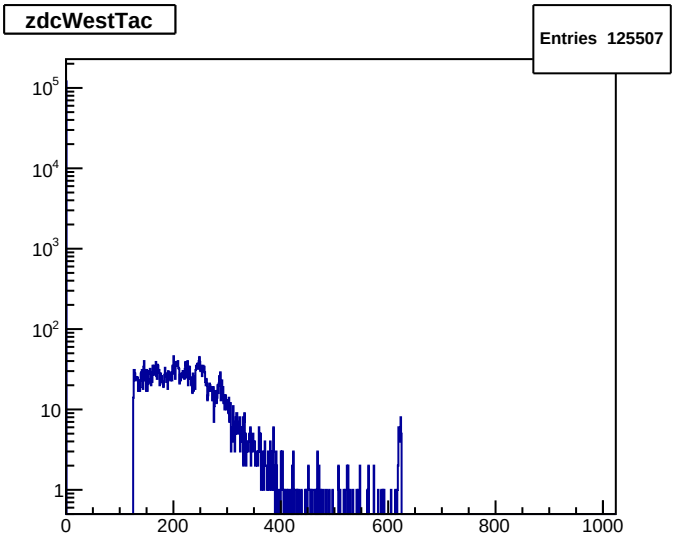

vpdWestAdcSumVsSimu
Entries 97193
Data
Simu

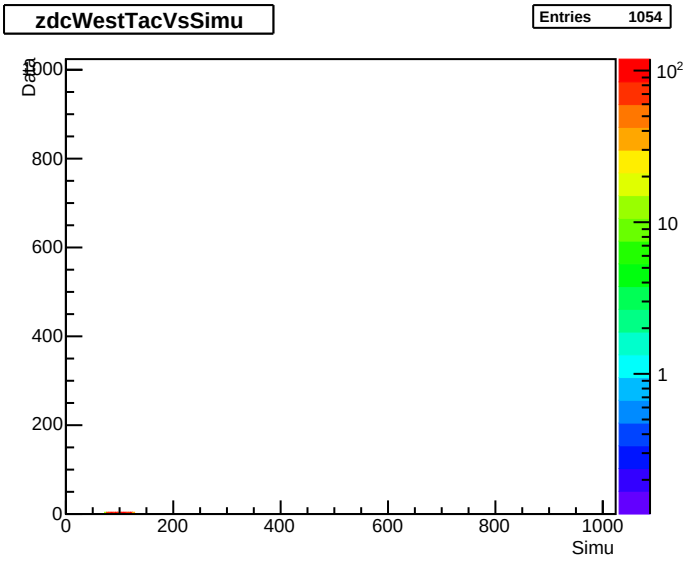

vpdWestTacMax
Entries 125507

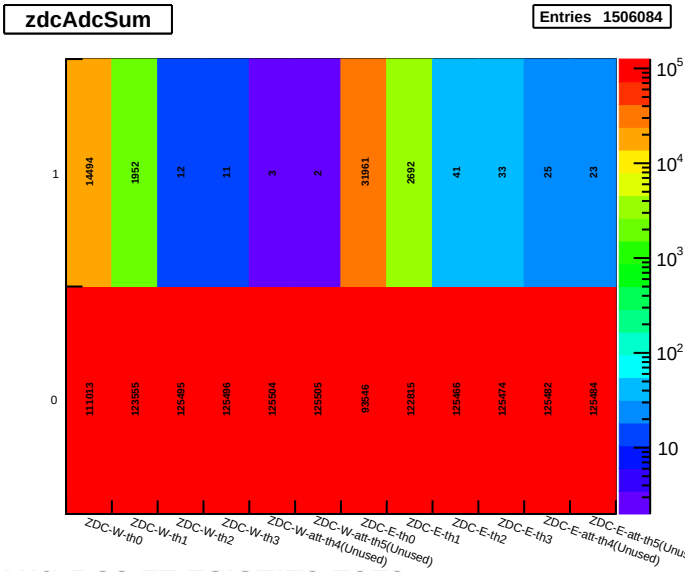

vpdWestTacMaxVsSimu
Entries 97193
Data
Simu

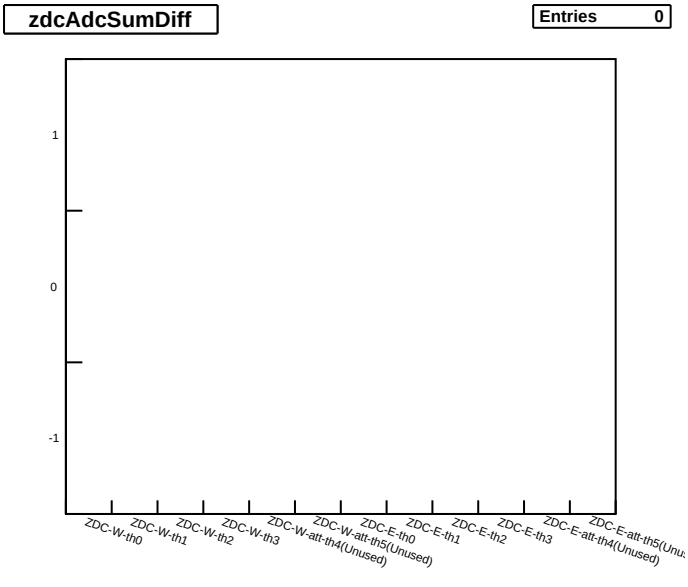

zdcEastTac
Entries 125507

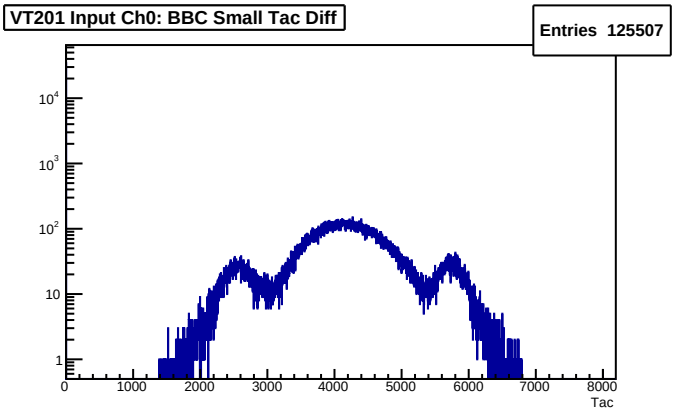

zdcEastTacVsSimu
Entries 579
Data
Simu

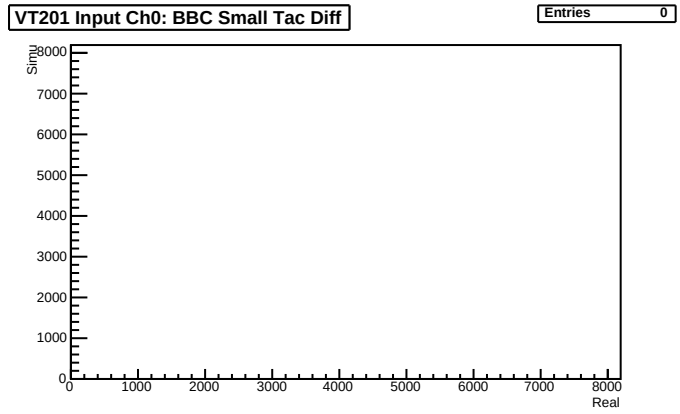

zdcWestTac
Entries 125507

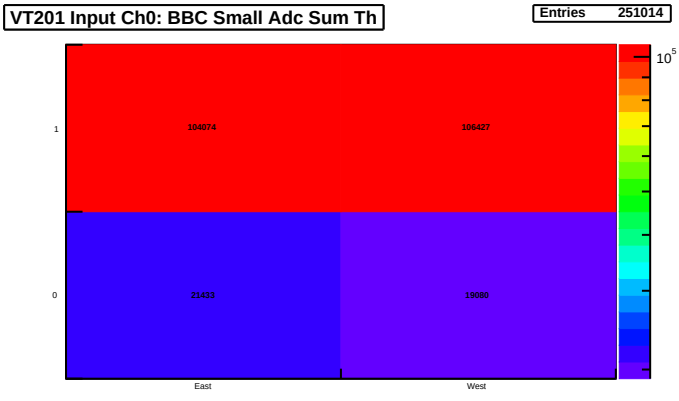

zdcWestTacVsSimu
Entries 1054
Data
Simu

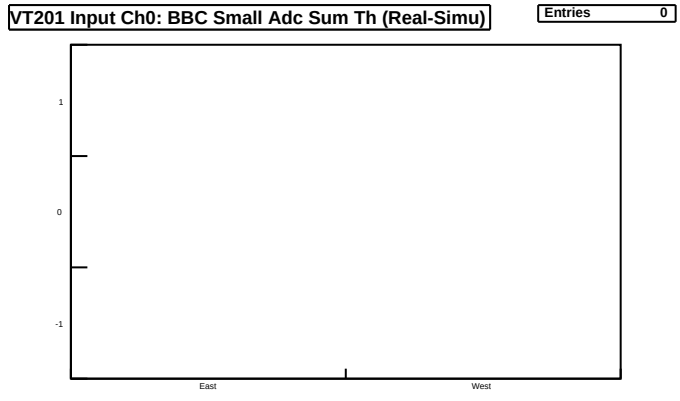

zdcAdcSum
Entries 1506084
14494
1952
12
11
3
2
31961
2692
41
33
25
23
111013
123555
125495
125496
125504
125505
93546
122815
125466
125474
125482
125484
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

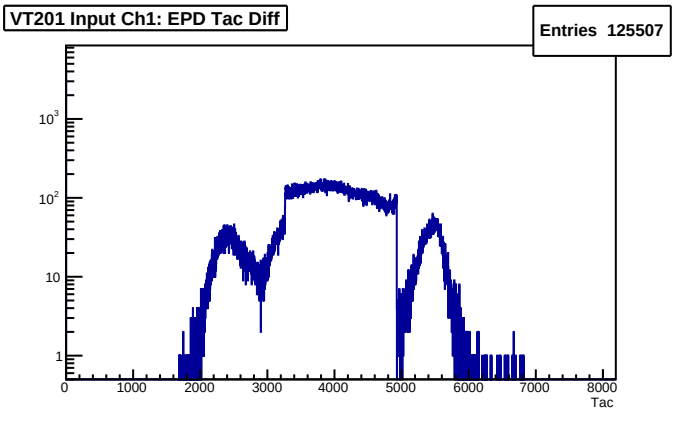

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

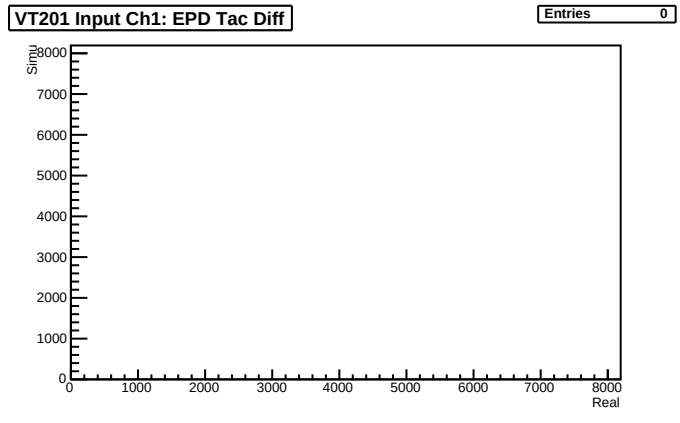

VT201 Input Ch0: BBC Small Tac Diff
Entries 125507
Tac

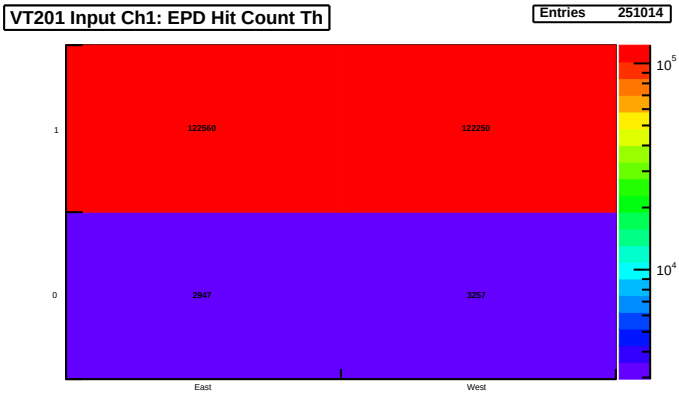

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

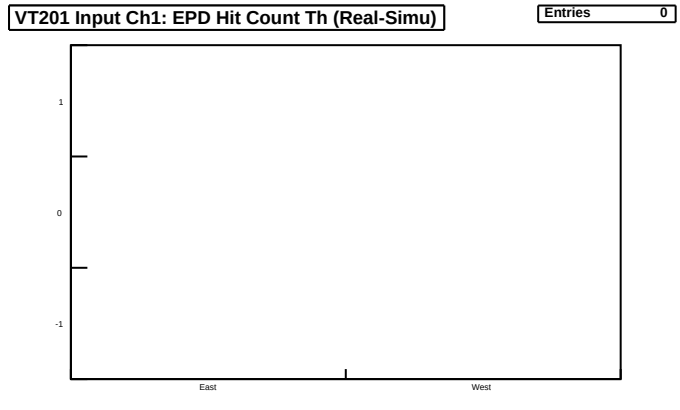

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 251014
104074
106427
21433
19080
East
West

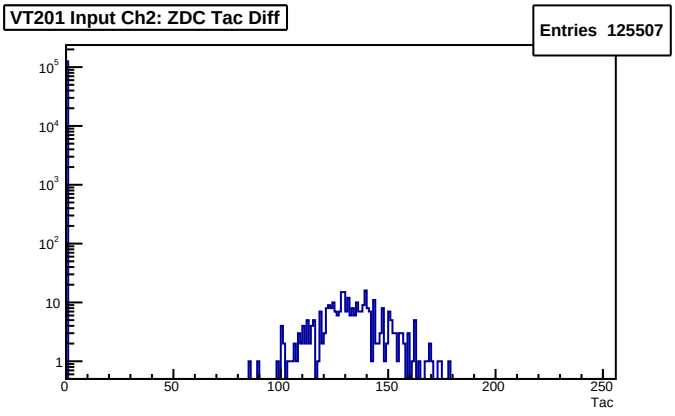

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

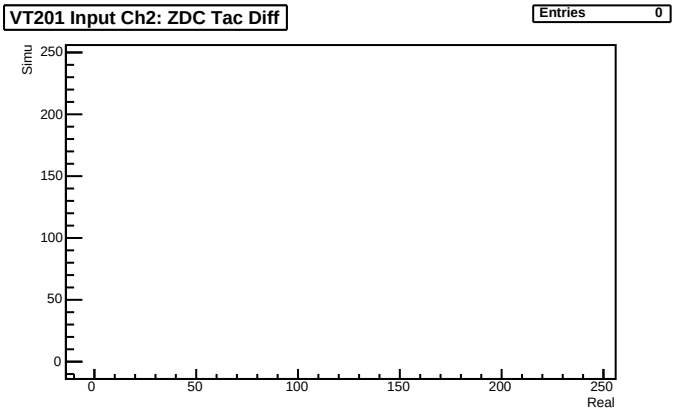

VT201 Input Ch1: EPD Tac Diff
Entries 125507
Tac

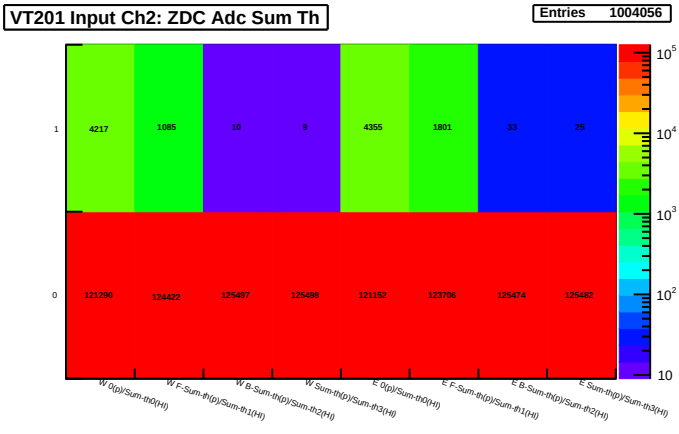

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

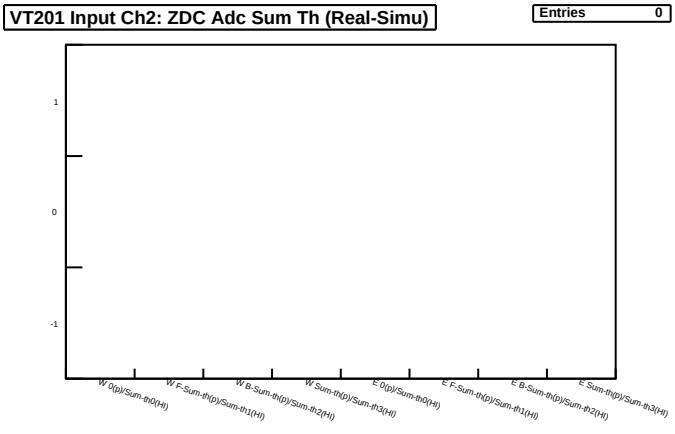

VT201 Input Ch1: EPD Hit Count Th
Entries 251014
122580
122250
2947
3257
East
West

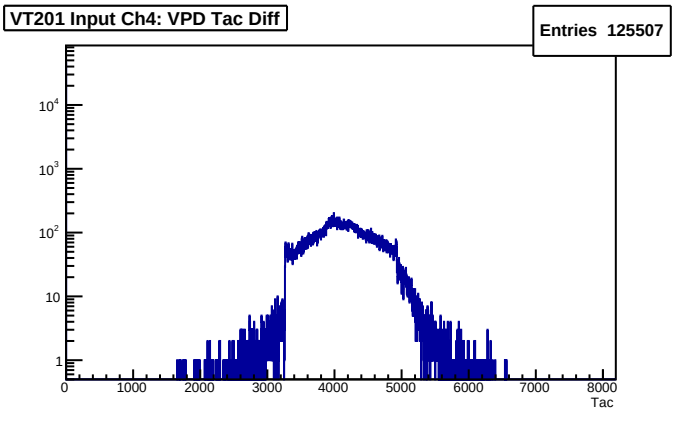

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

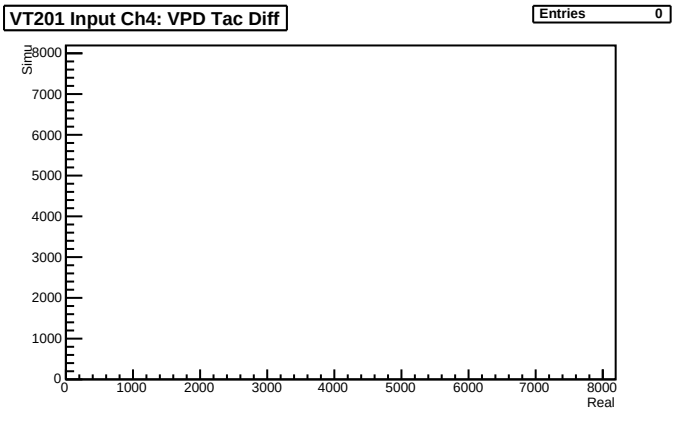

VT201 Input Ch2: ZDC Tac Diff
Entries 125507
Tac

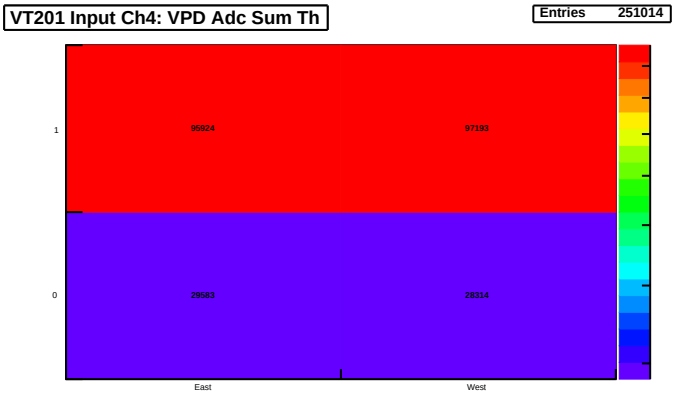

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

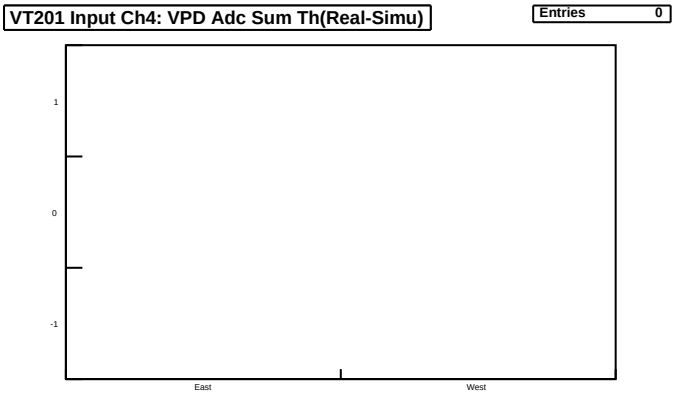

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1004056
4217
1085
10
9
4355
1801
33
25
121290
124422
125497
125498
121152
123706
125474
125482
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

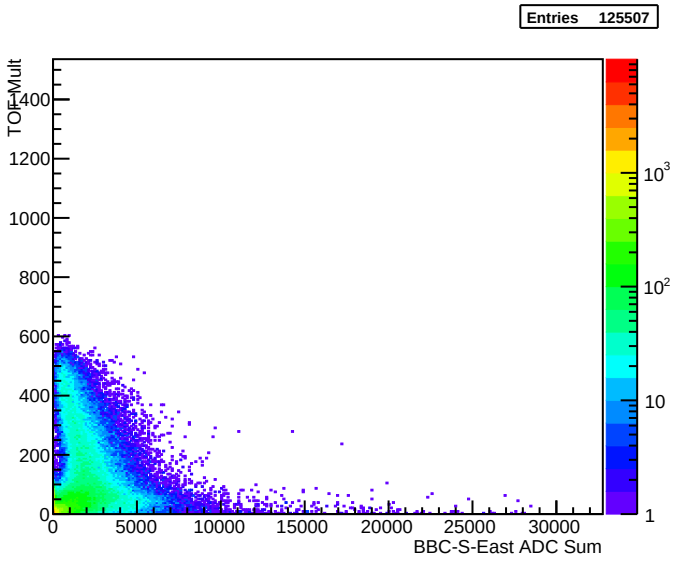

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

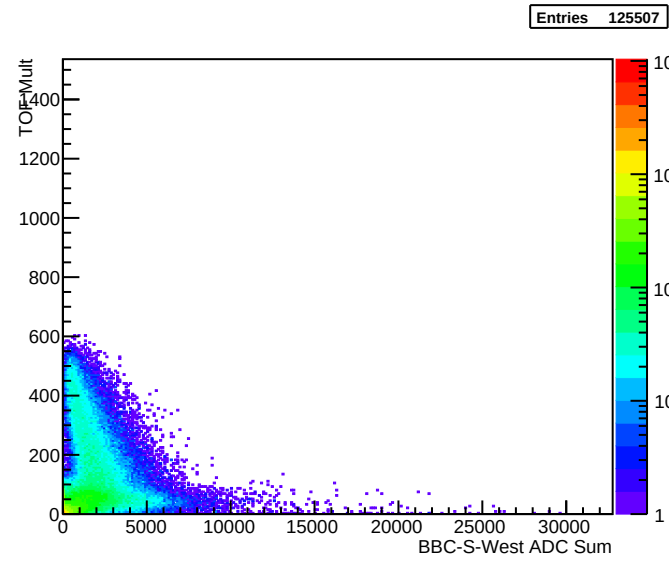

VT201 Input Ch4: VPD Tac Diff
Entries 125507
Tac

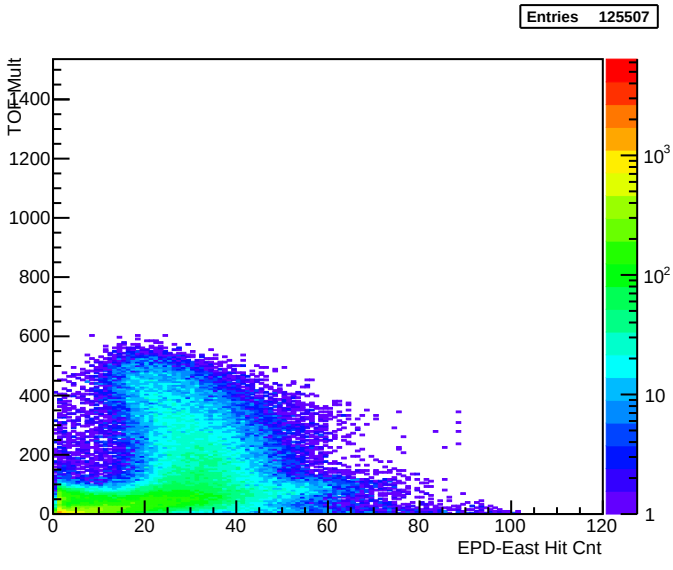

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

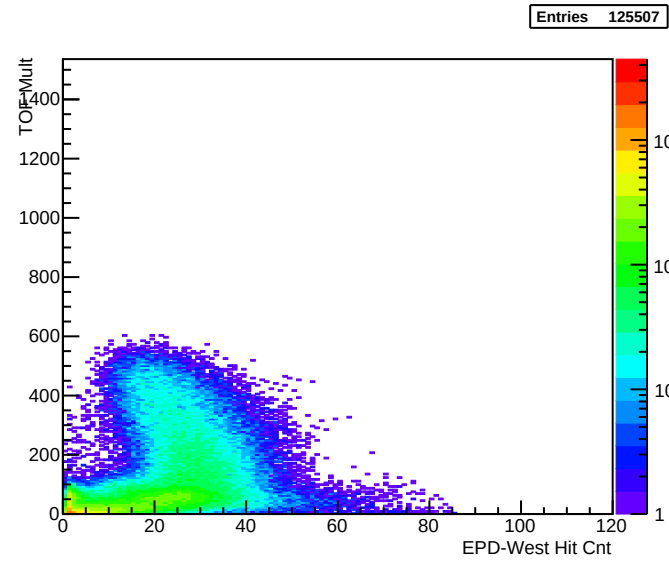

VT201 Input Ch4: VPD Adc Sum Th
Entries 251014
95924
97193
29583
28314
East
West

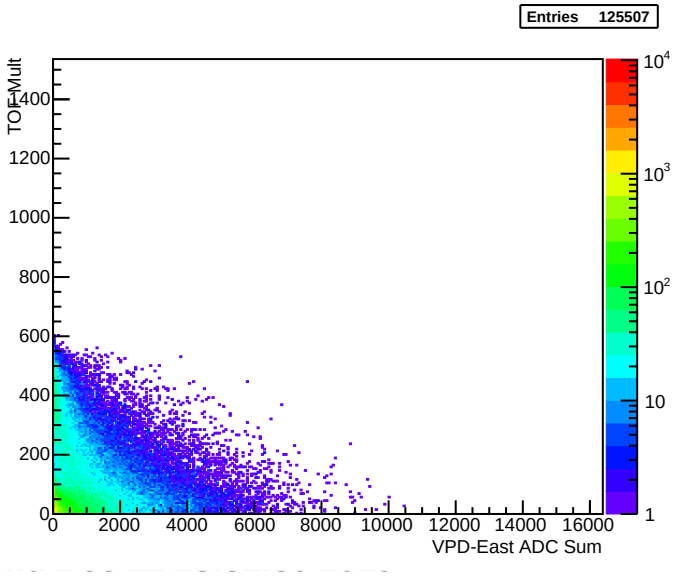

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

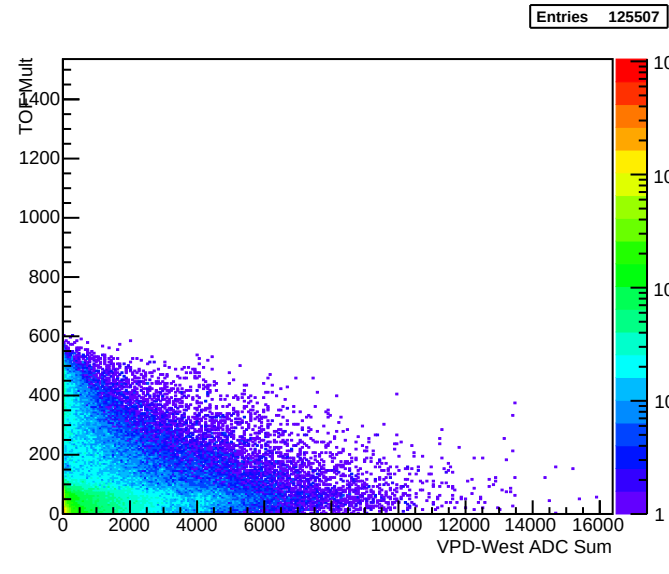

Entries 125507
TOF-Mult
BBC-S-East ADC Sum

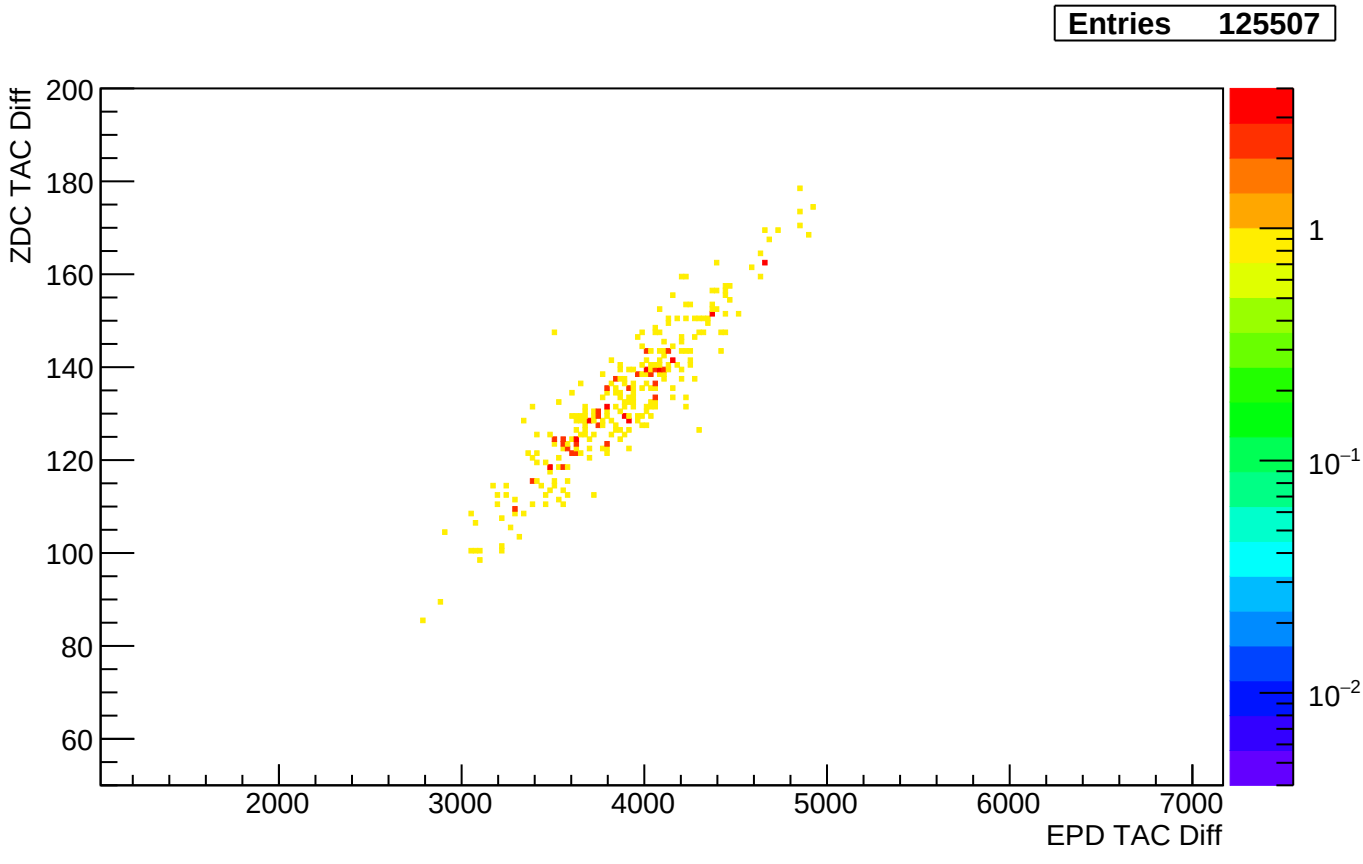

Entries 125507
TOF-Mult
BBC-S-West ADC Sum

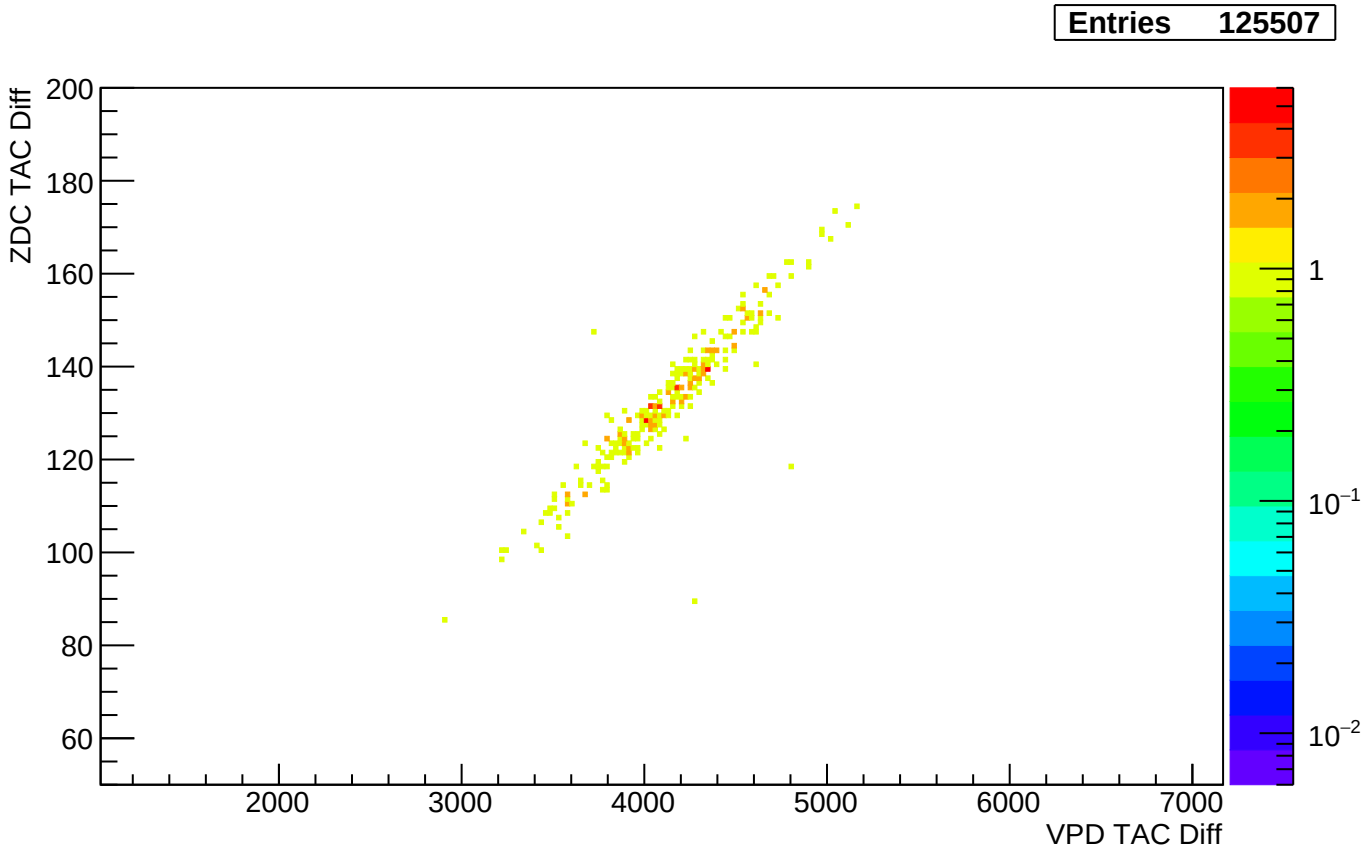

Entries 125507
TOF-Mult
EPD-East Hit Cnt

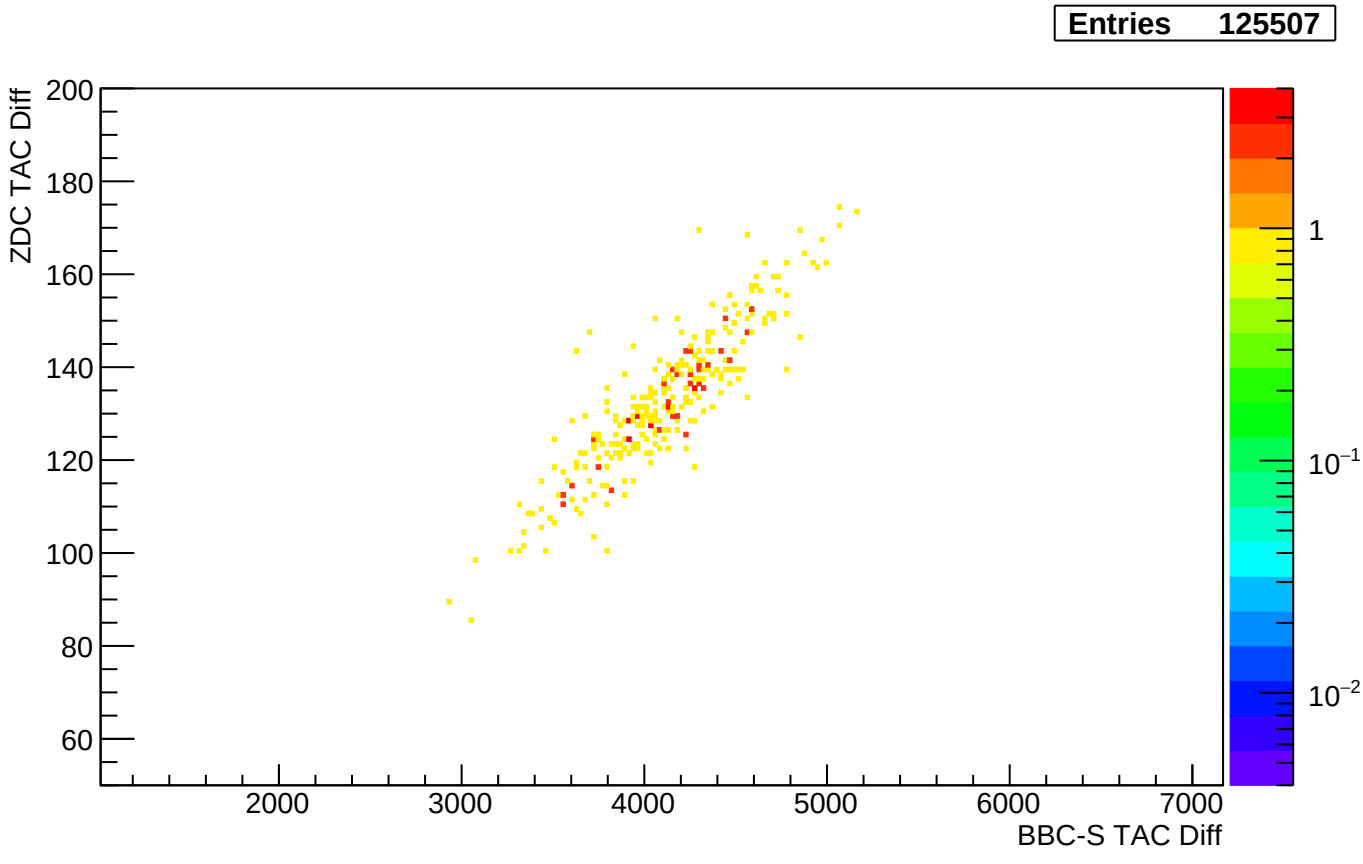

Entries 125507
TOF-Mult
EPD-West Hit Cnt

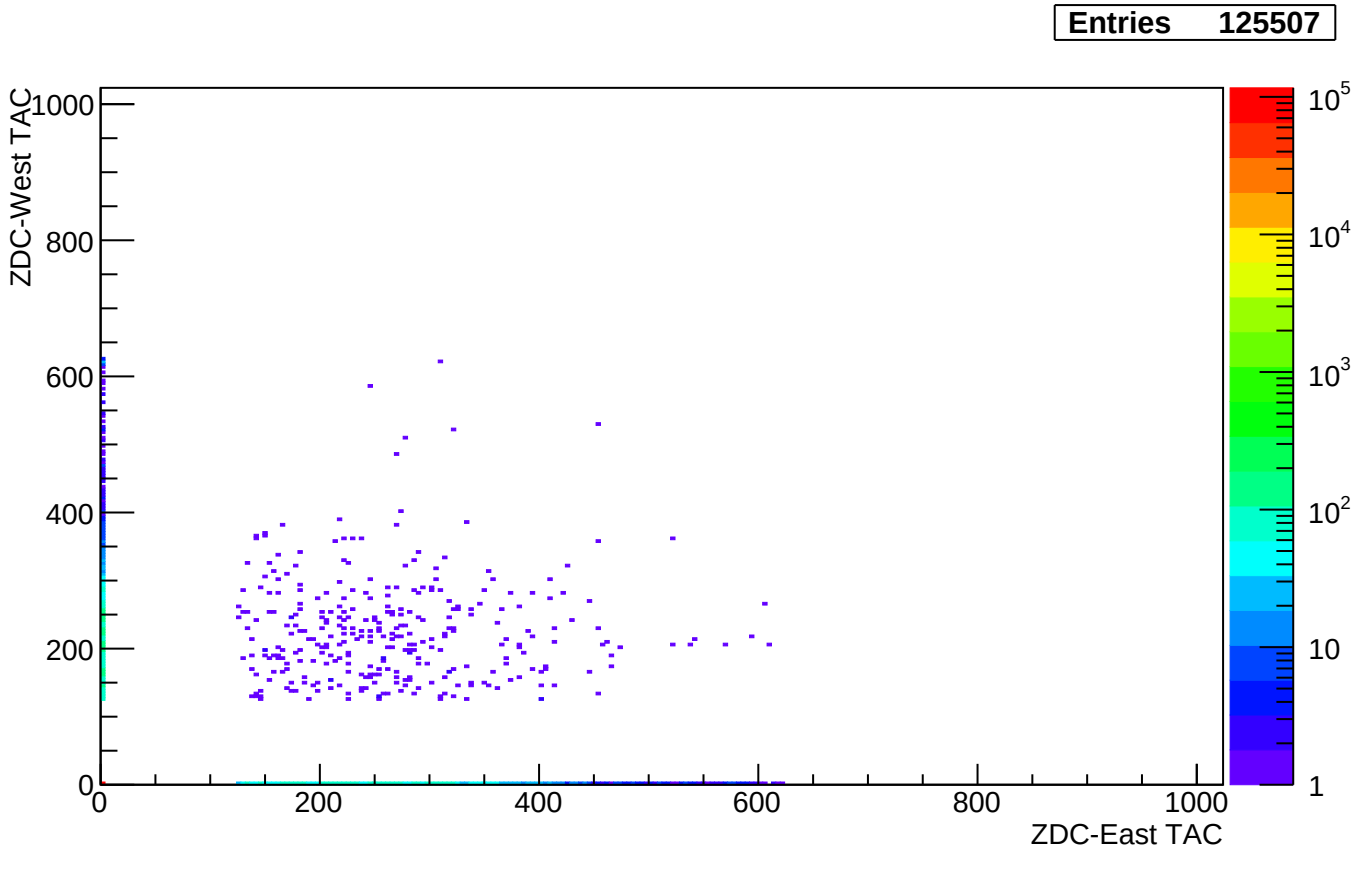

Entries 125507
TOF-Mult
VPD-East ADC Sum

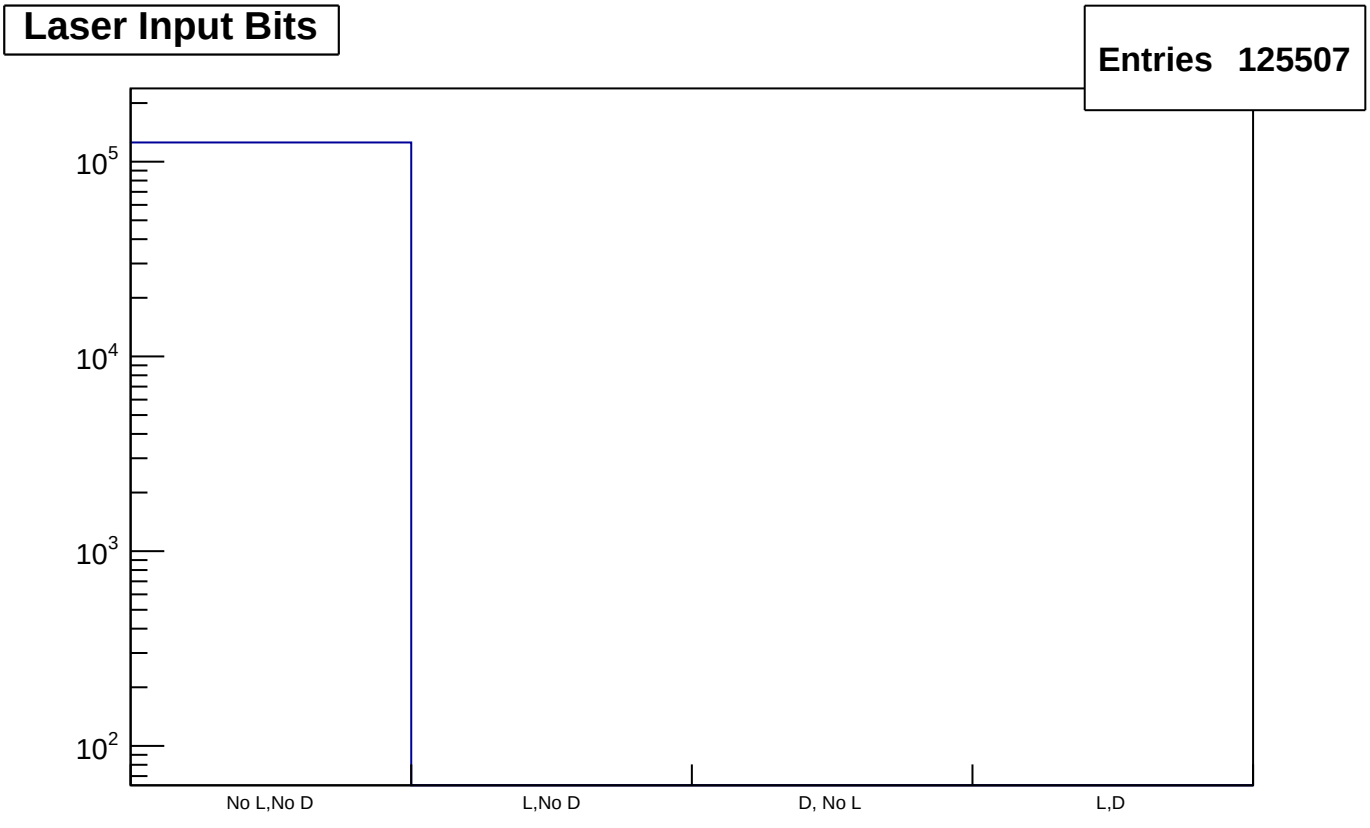

Entries 125507
TOF-Mult
VPD-West ADC Sum

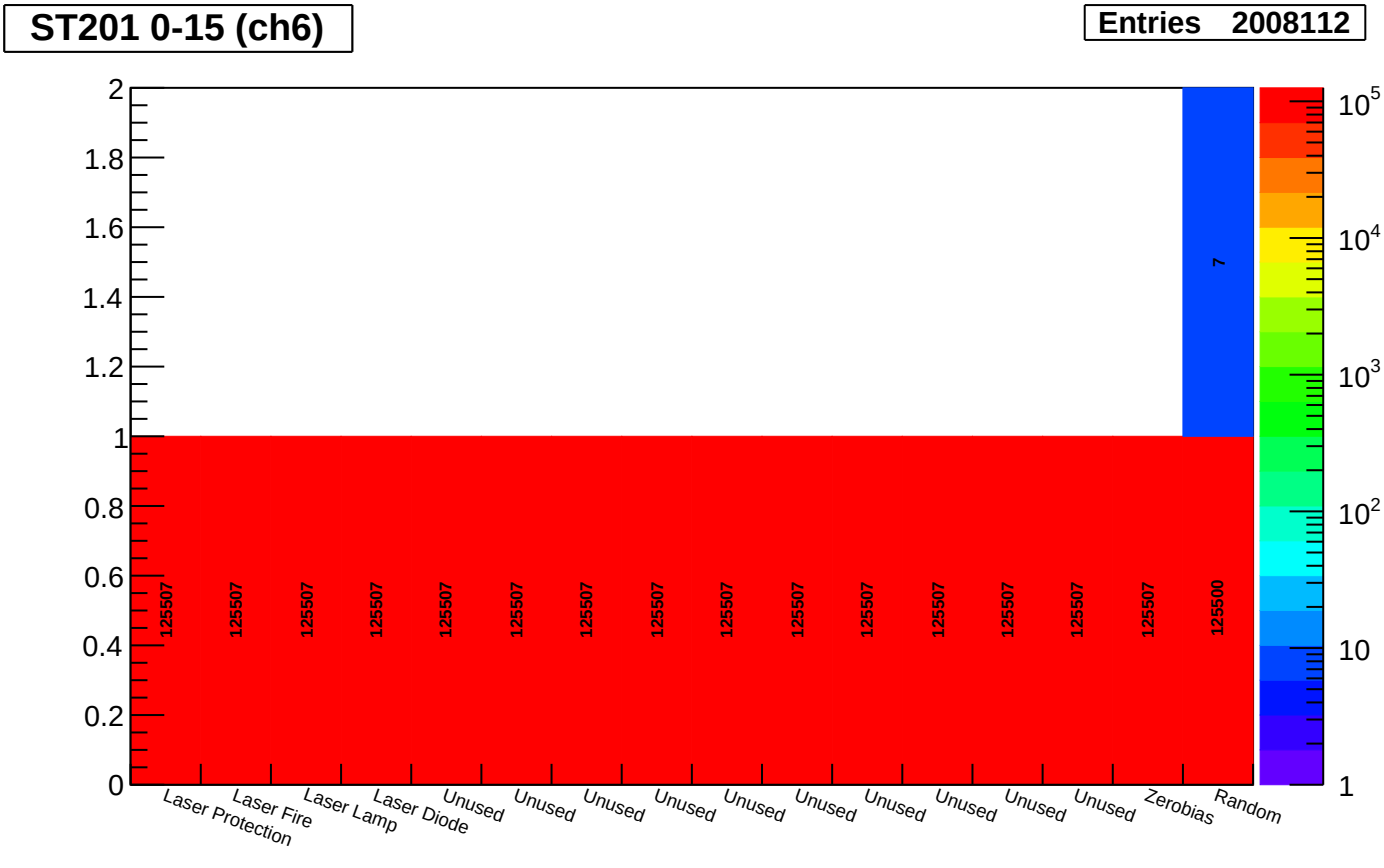

Entries 125507
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

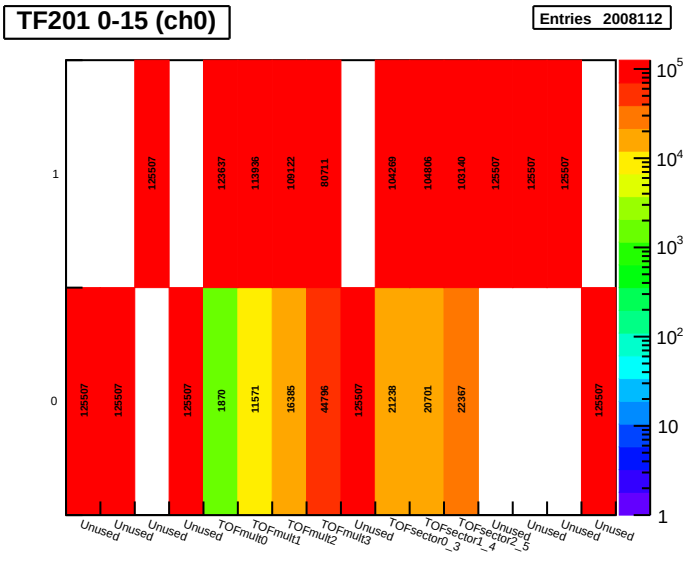

Entries 125507
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

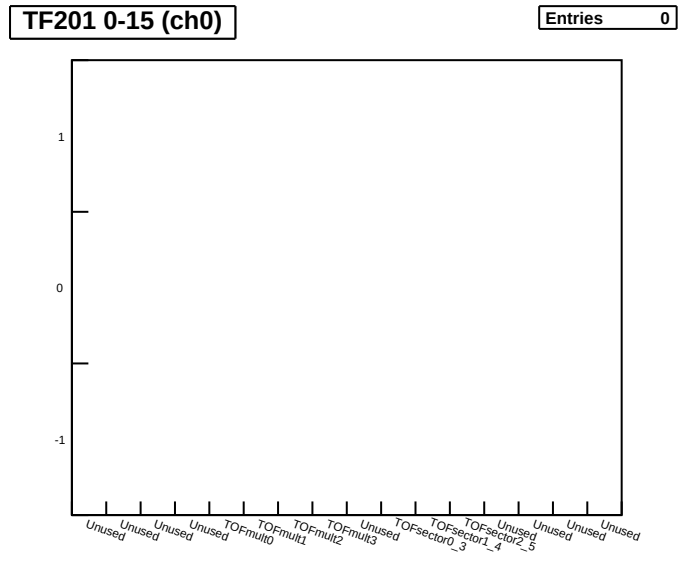

Entries 125507
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

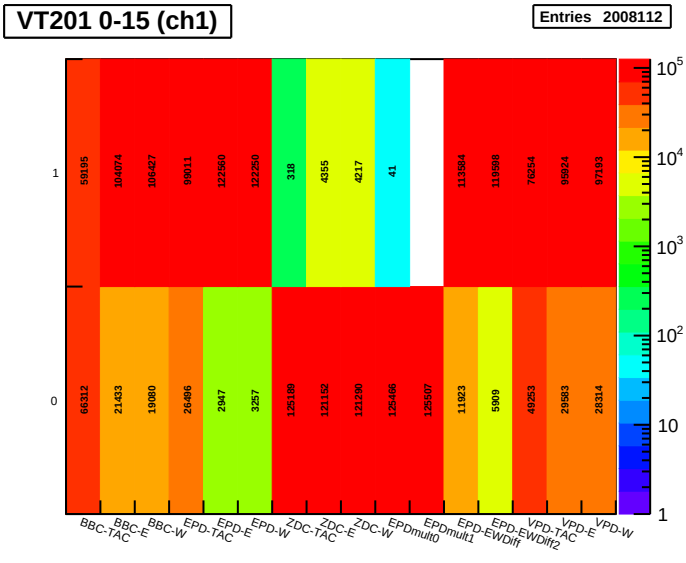

Entries 125507
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

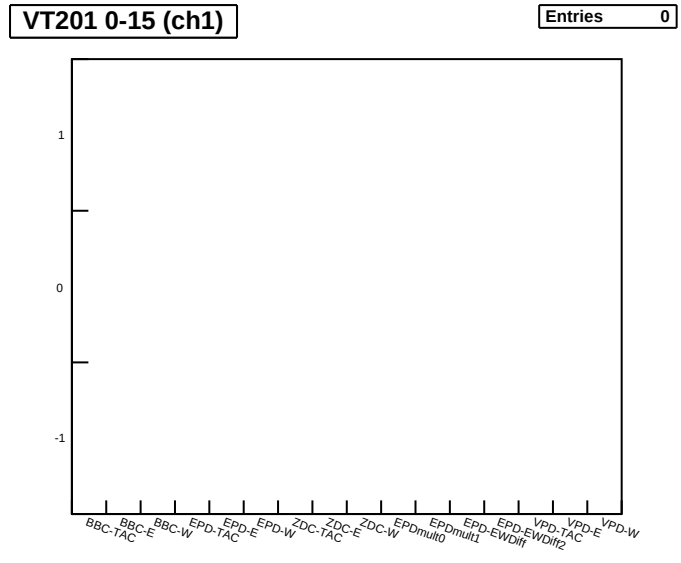

Laser Input Bits
Entries 125507
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

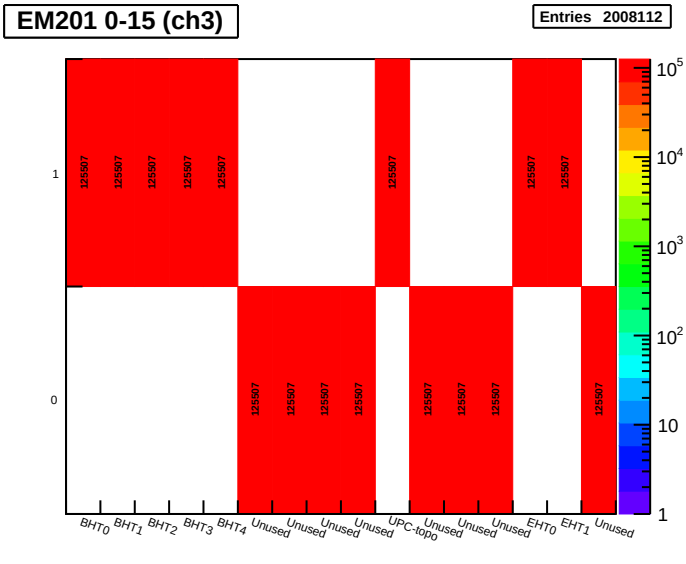

ST201 0-15 (ch6)
Entries 2008112
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
125507
125507
125507
125507
125507
125507
125507
125507
125507
125507
125507
125507
125507
125507
125500
7
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

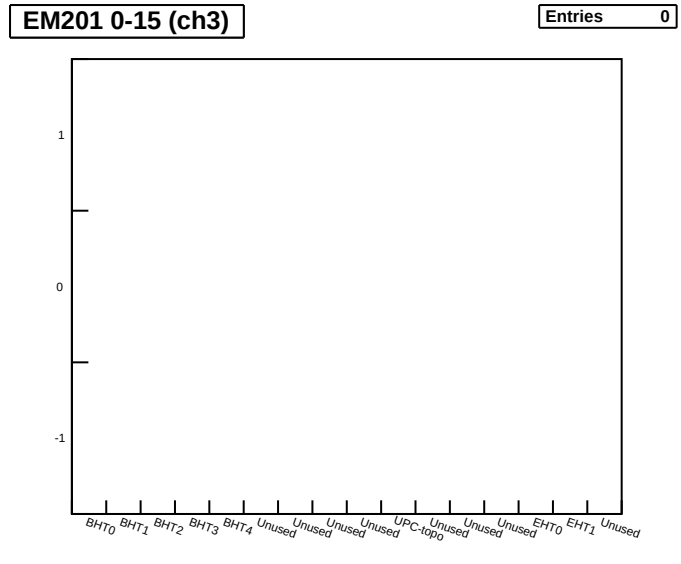

TF201 0-15 (ch0)
Entries 2008112
1
0
125507
123637
113936
109122
80711
104269
104806
103140
125507
125507
125507
125507
125507
1870
11571
16385
44796
125507
21238
20701
22367
125507
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 2008112
1
0
59195
104074
106427
99011
122560
122250
318
4355
4217
41
113984
119598
76254
95924
97193
66312
21433
19080
26406
2947
3257
125189
121152
121290
125466
125507
11923
5909
49253
29583
28314
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 2008112
1
0
125507
125507
125507
125507
125507
125507
125507
125507
125507
125507
125507
125507
125507
125507
125507
125507
125507
125507
125507
125507
125507
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