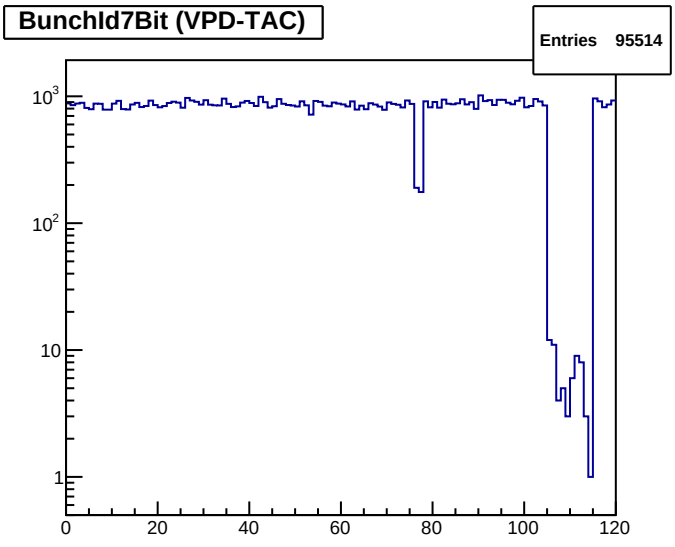
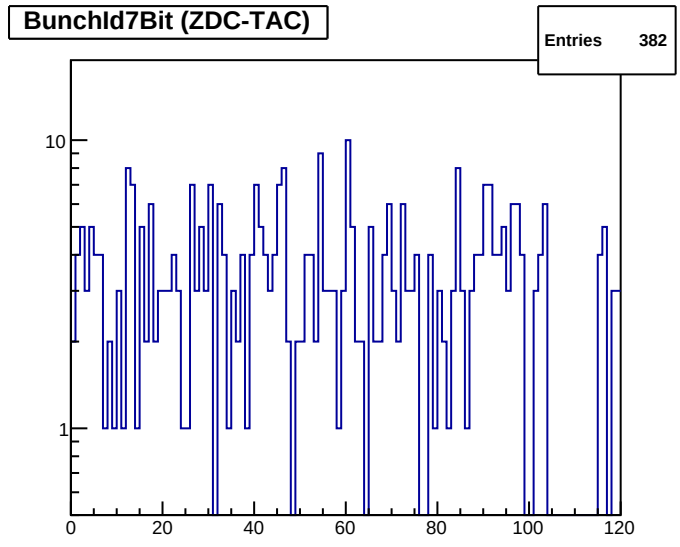
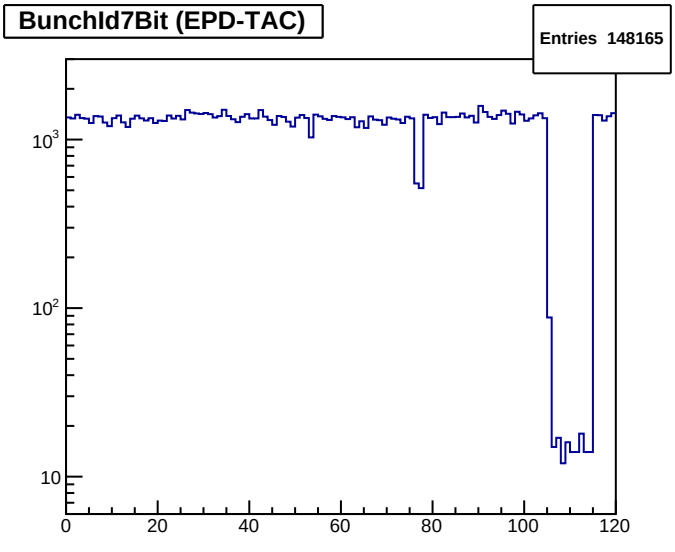
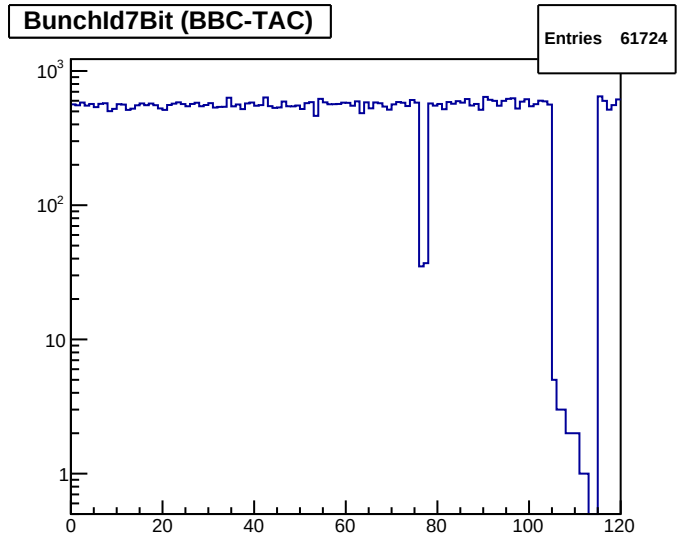
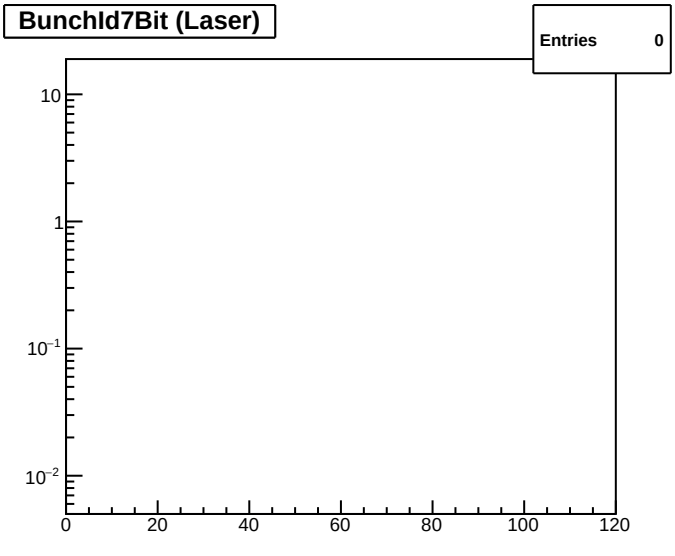
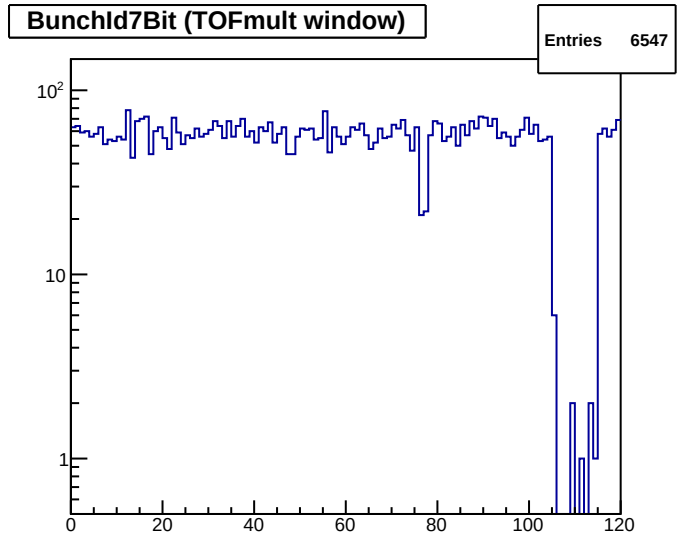

BunchId7Bit (VPD-TAC)
Entries 95514

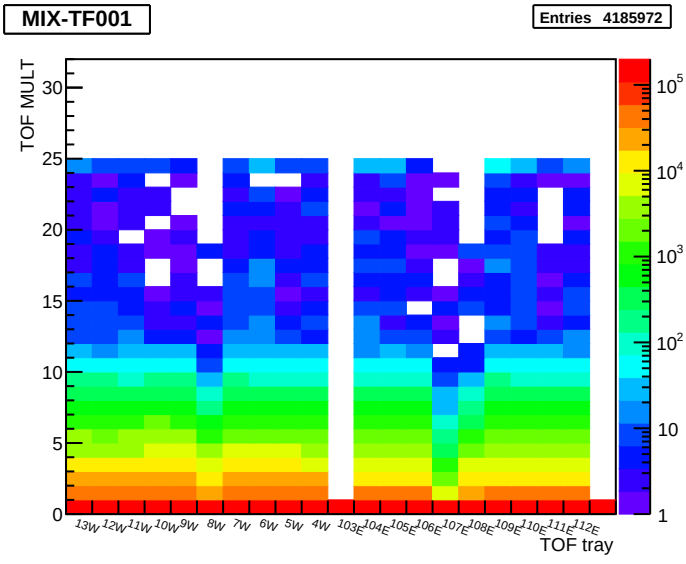

BunchId7Bit (ZDC-TAC)
Entries 382

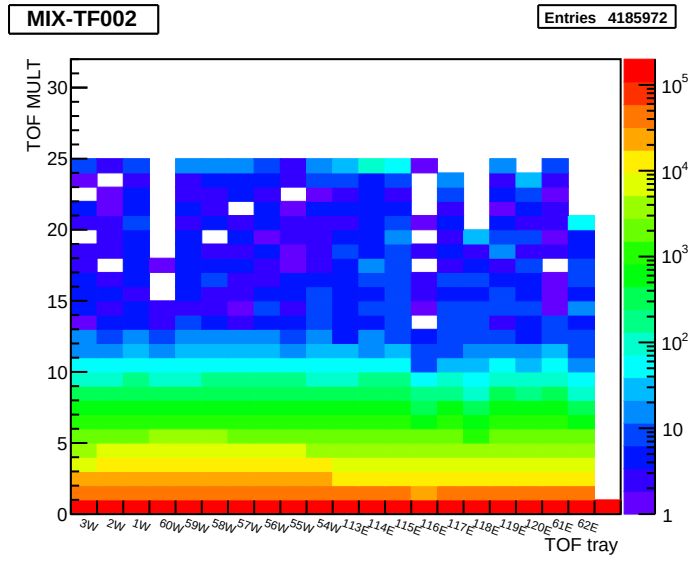

BunchId7Bit (EPD-TAC)
Entries 148165

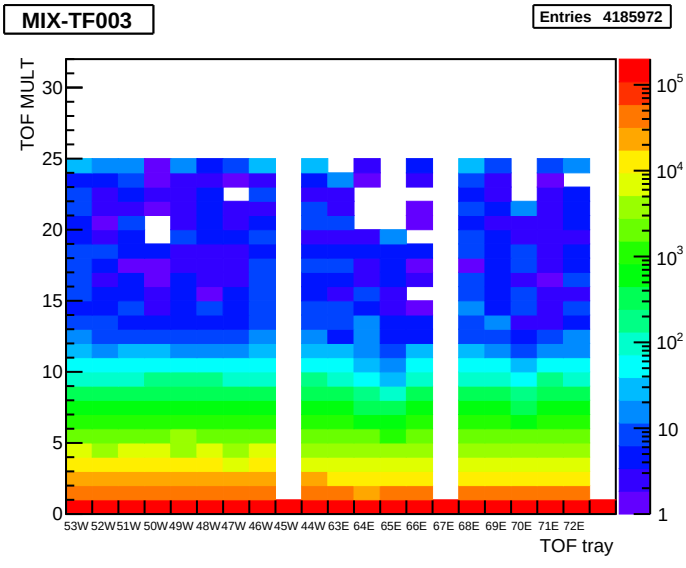

BunchId7Bit (BBC-TAC)
Entries 61724

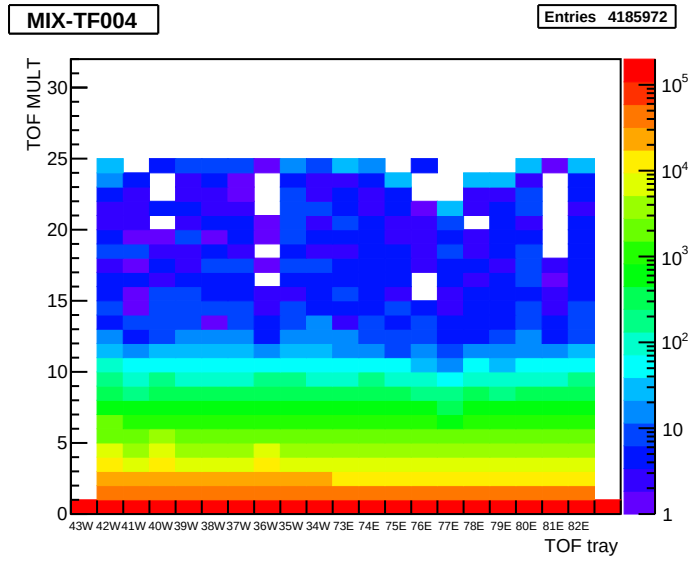

BunchId7Bit (Laser)
Entries 0

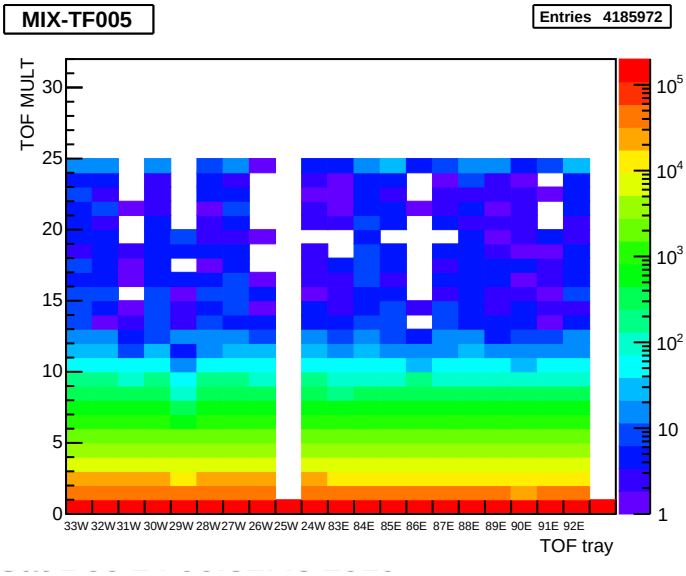

BunchId7Bit (TOFmult window)
Entries 6547

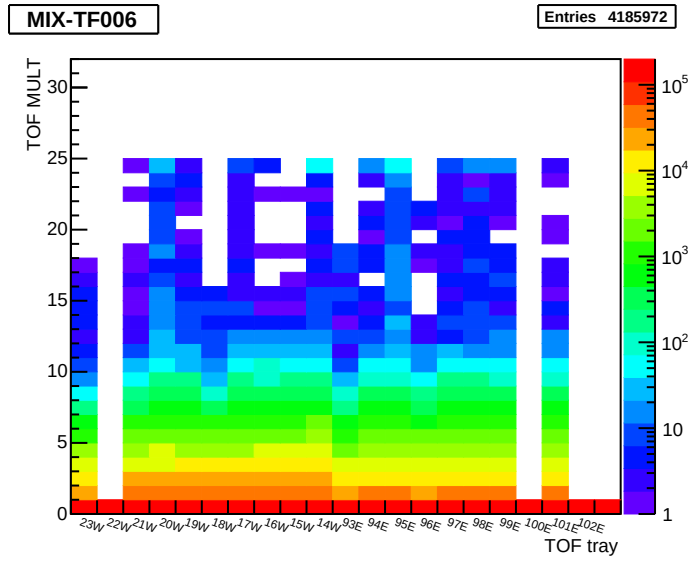

MIX-TF001
Entries 4185972
TOF MULT
TOF tray

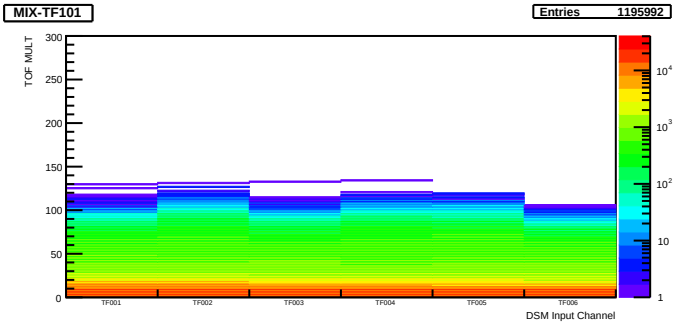

MIX-TF002
Entries 4185972
TOF MULT
TOF tray

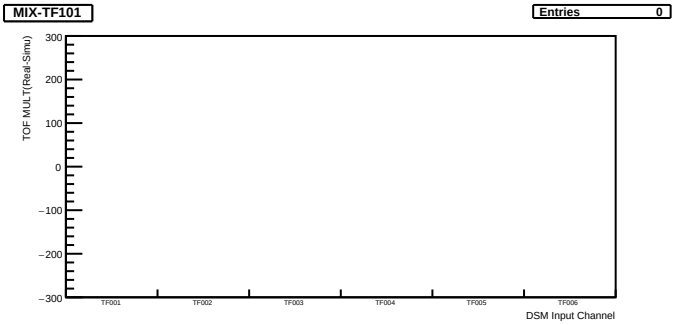

MIX-TF003
Entries 4185972
TOF MULT
TOF tray

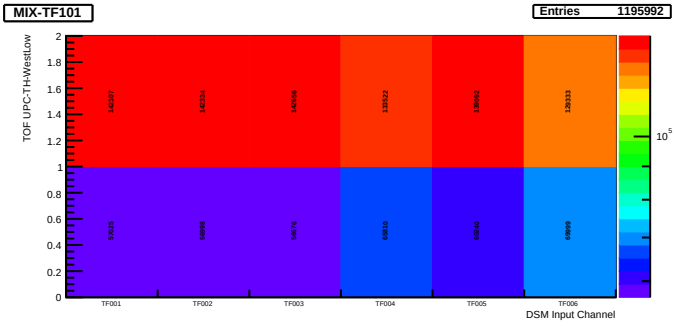

MIX-TF004
Entries 4185972
TOF MULT
TOF tray

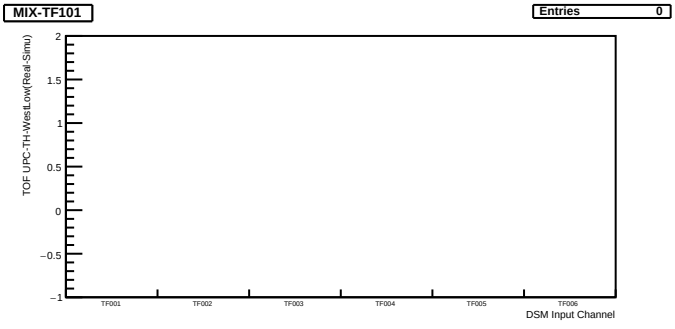

MIX-TF005
Entries 4185972
TOF MULT
TOF tray

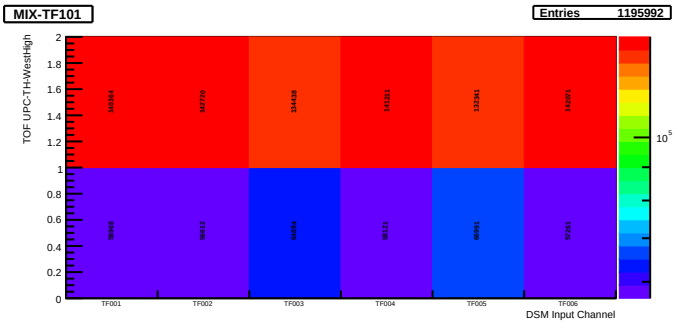

MIX-TF006
Entries 4185972
TOF MULT
TOF tray

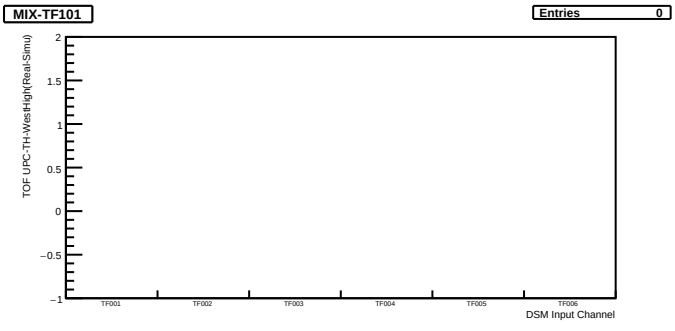

MIX-TF101
Entries 1195992
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

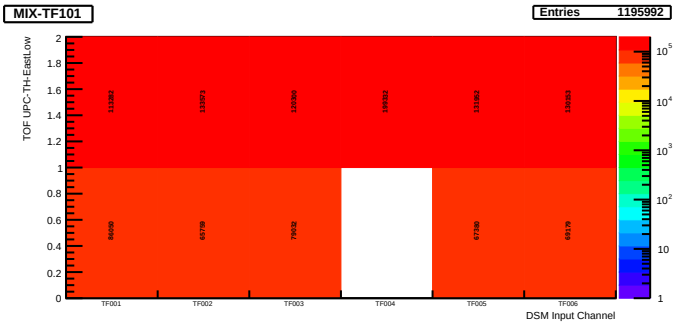

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

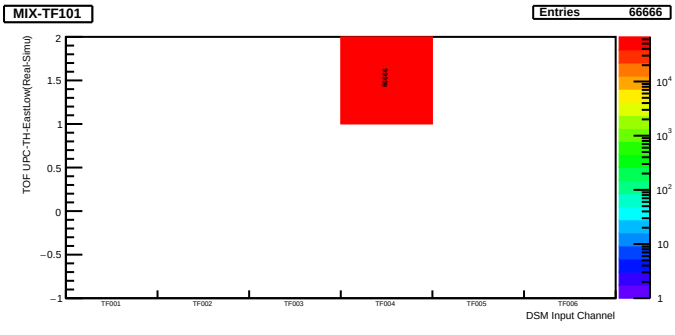

MIX-TF101
Entries 1195992
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

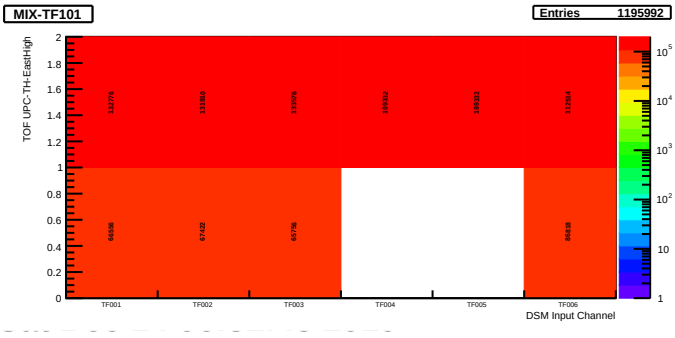

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

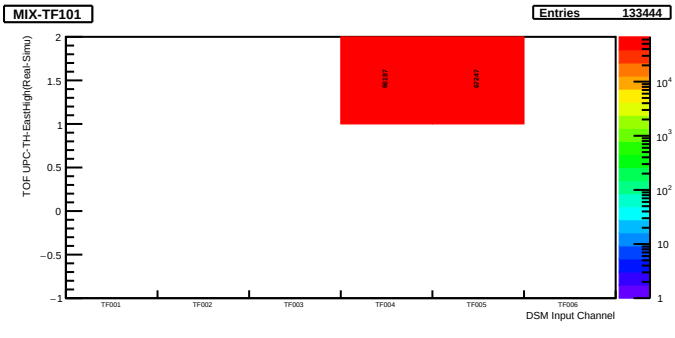

MIX-TF101
Entries 1195992
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

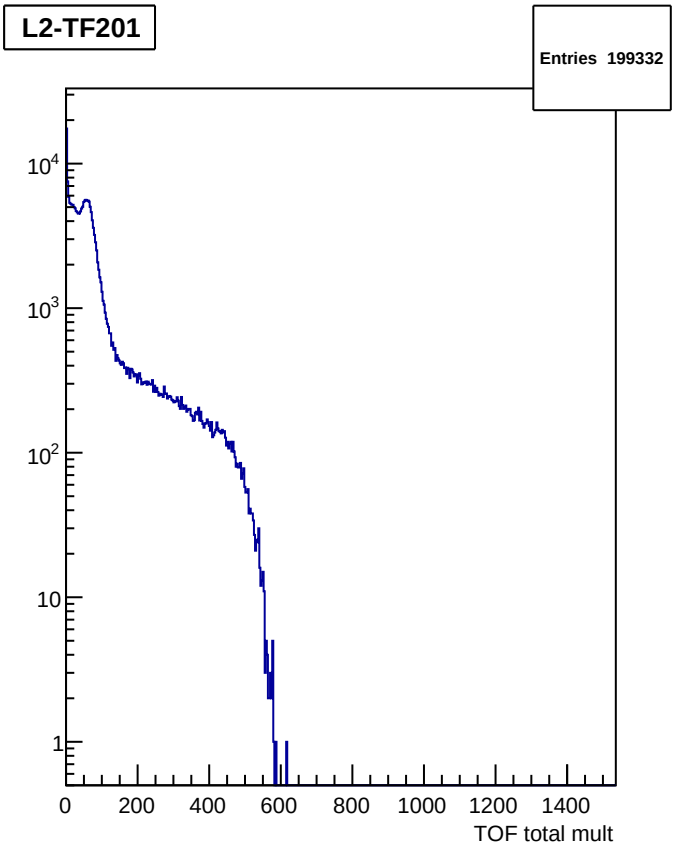

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

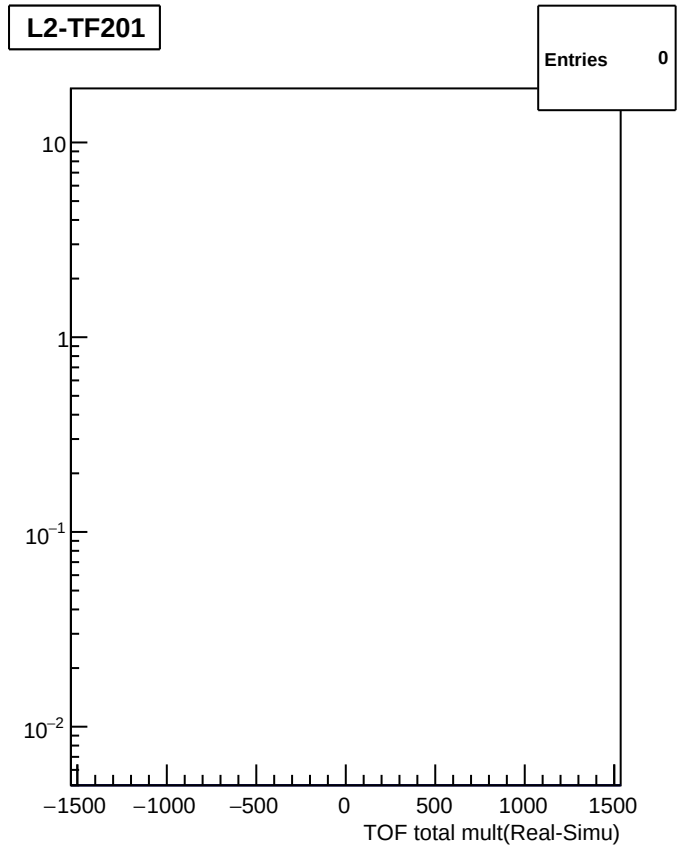

MIX-TF101
Entries 1195992
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

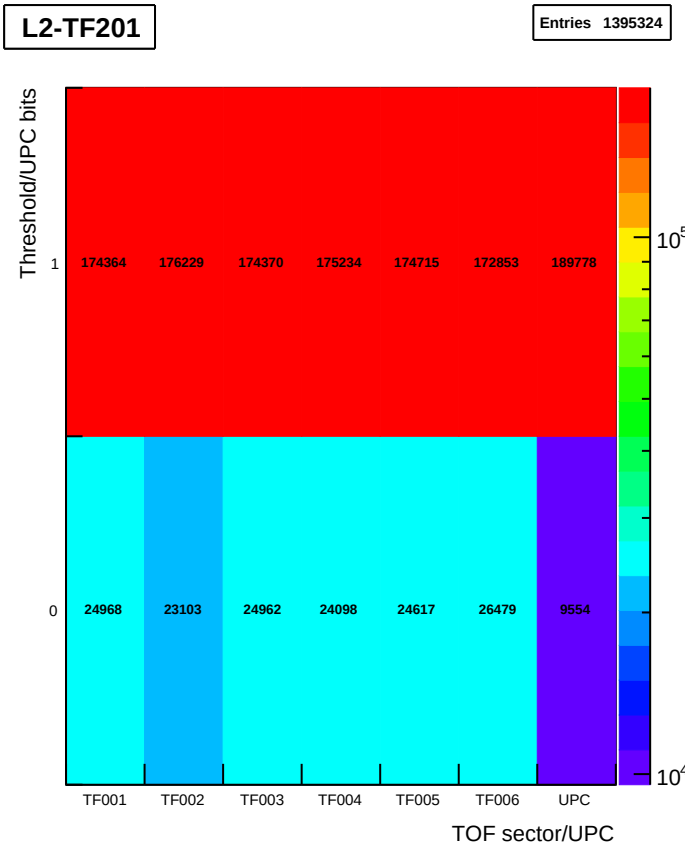

MIX-TF101
Entries 66666
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

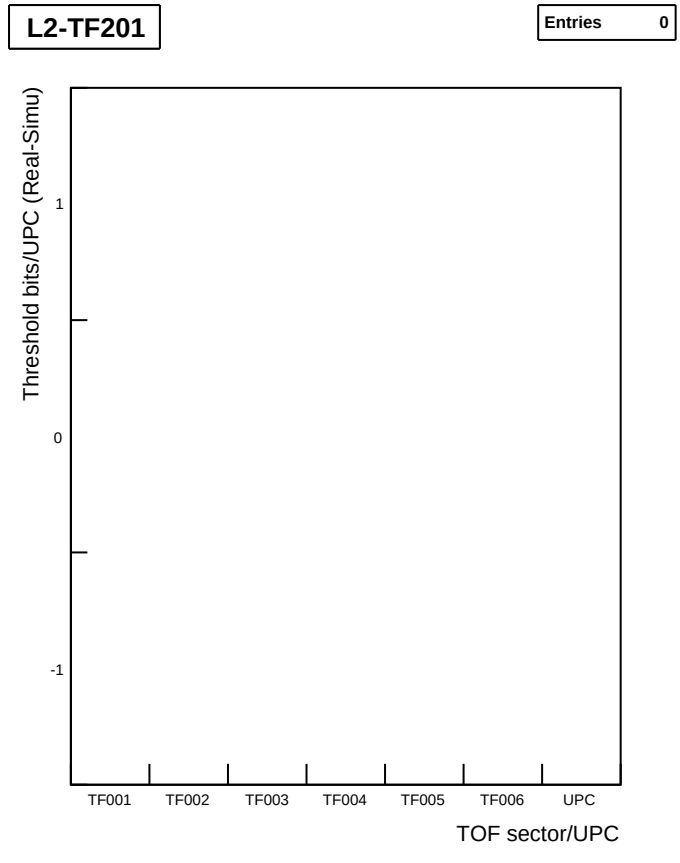

MIX-TF101
Entries 1195992
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

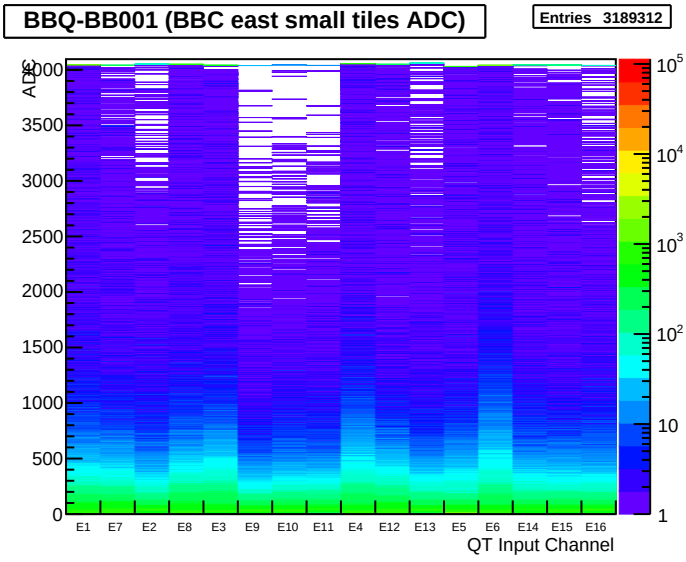

MIX-TF101
Entries 133444
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

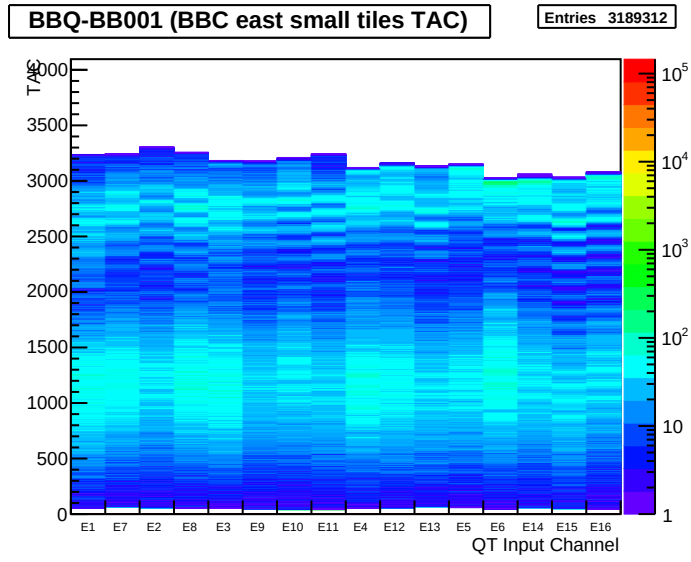

L2-TF201
Entries 199332
TOF total mult

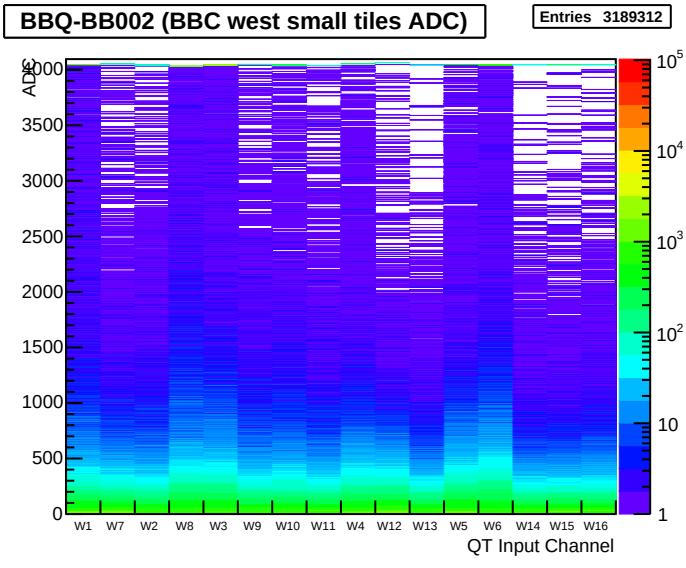

L2-TF201
Entries 0
TOF total mult(Real-Simu)

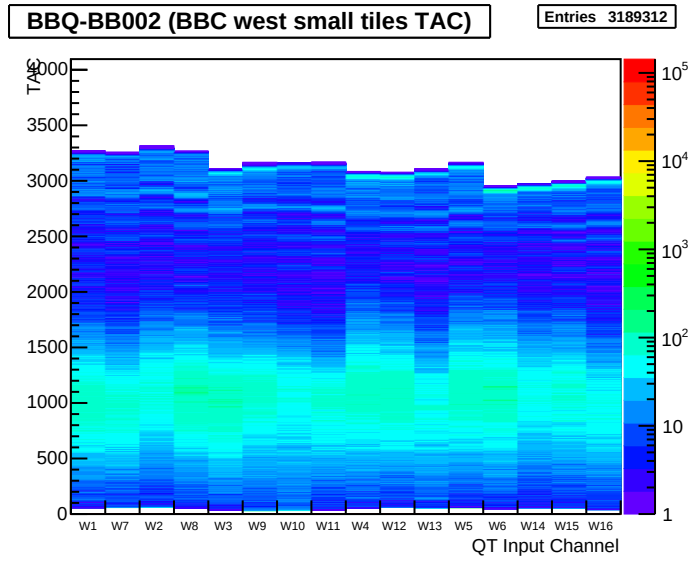

L2-TF201
Entries 1395324
Threshold/UPC bits
174364
176229
174370
175234
174715
172853
189778
24968
23103
24962
24098
24617
26479
9554
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

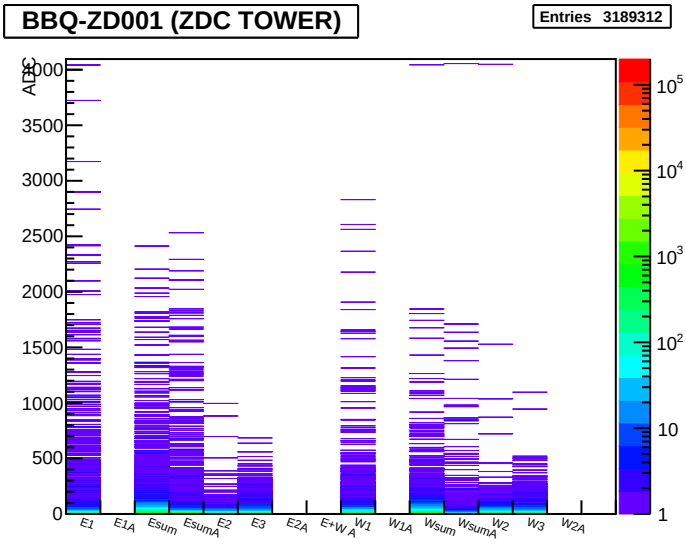

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

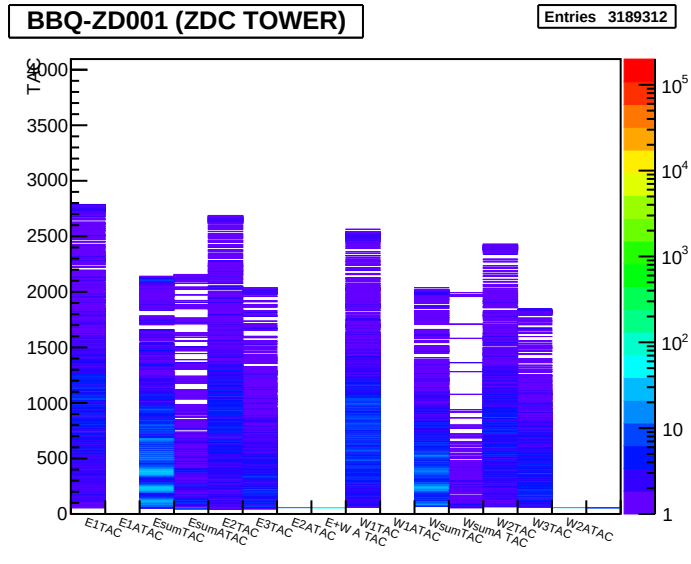

BBQ-BB001 (BBC east small tiles ADC)
Entries 3189312
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

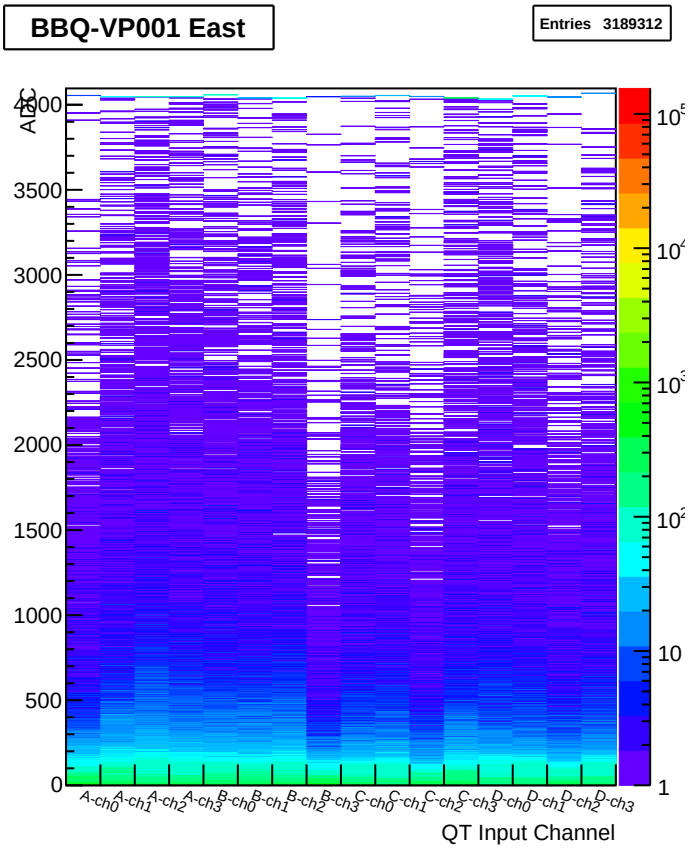

BBQ-BB001 (BBC east small tiles TAC)
Entries 3189312
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

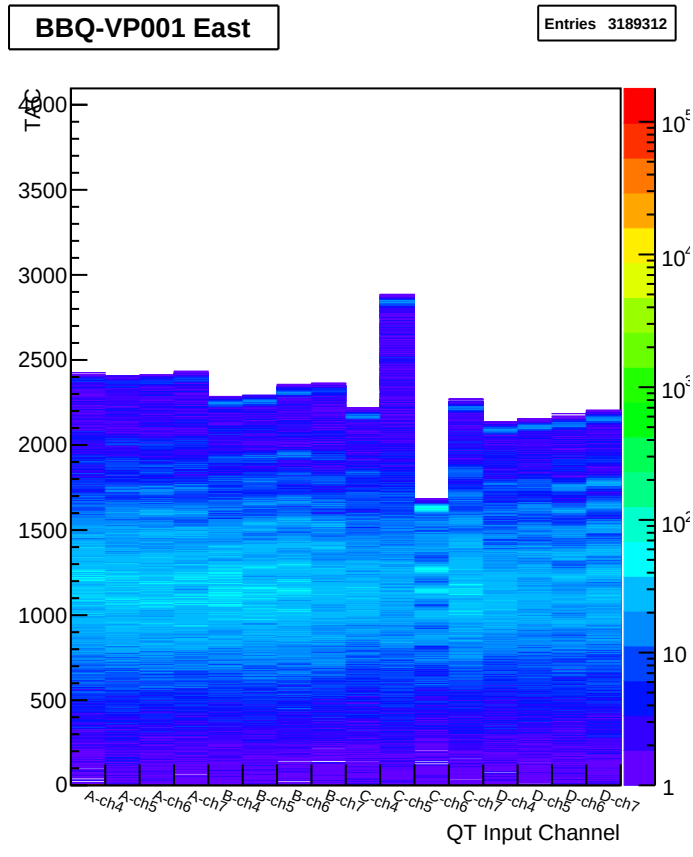

BBQ-BB002 (BBC west small tiles ADC)
Entries 3189312
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

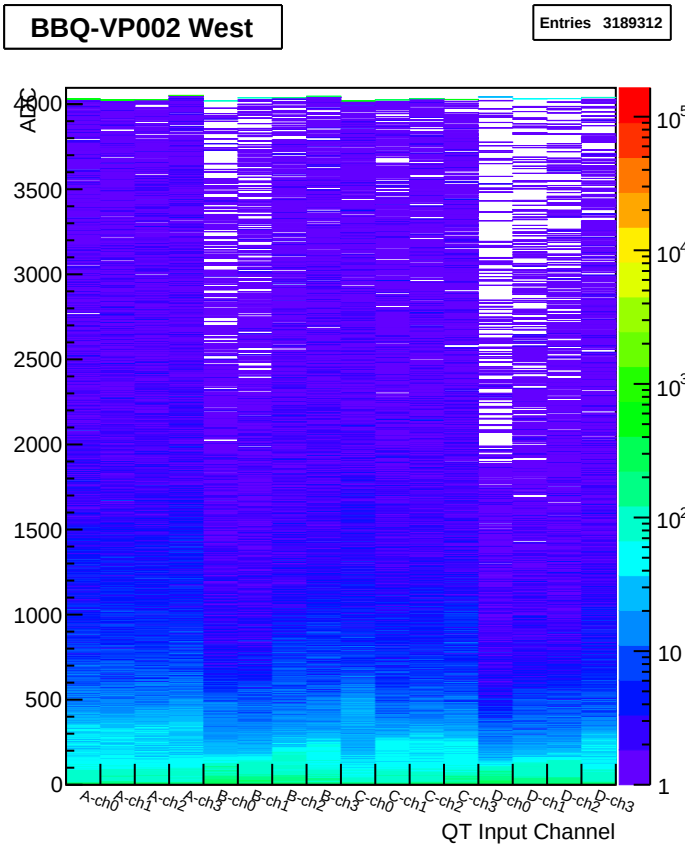

BBQ-BB002 (BBC west small tiles TAC)
Entries 3189312
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

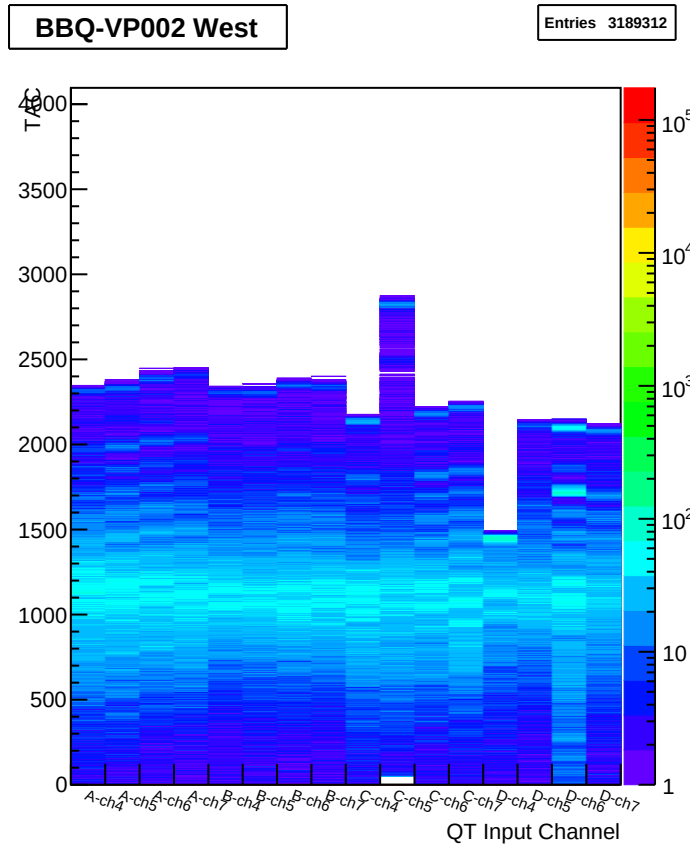

BBQ-ZD001 (ZDC TOWER)
Entries 3189312
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

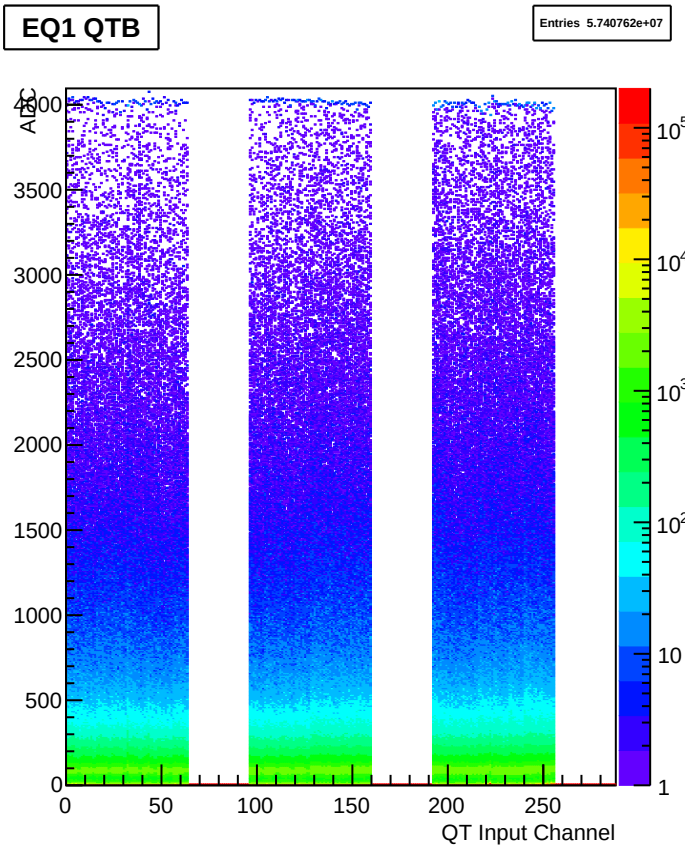

BBQ-ZD001 (ZDC TOWER)
Entries 3189312
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

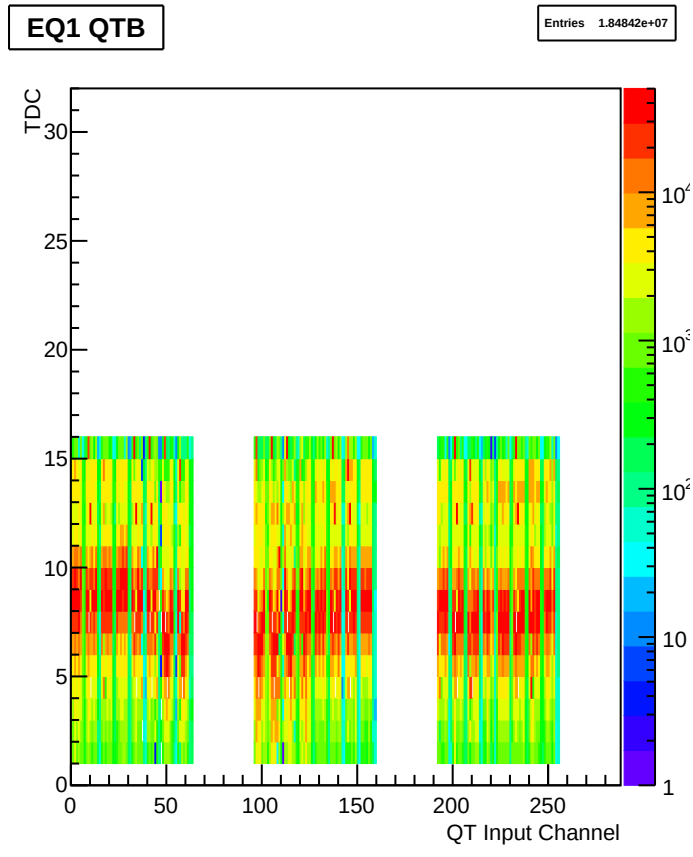

BBQ-VP001 East
Entries 3189312
ADC
QT Input Channel

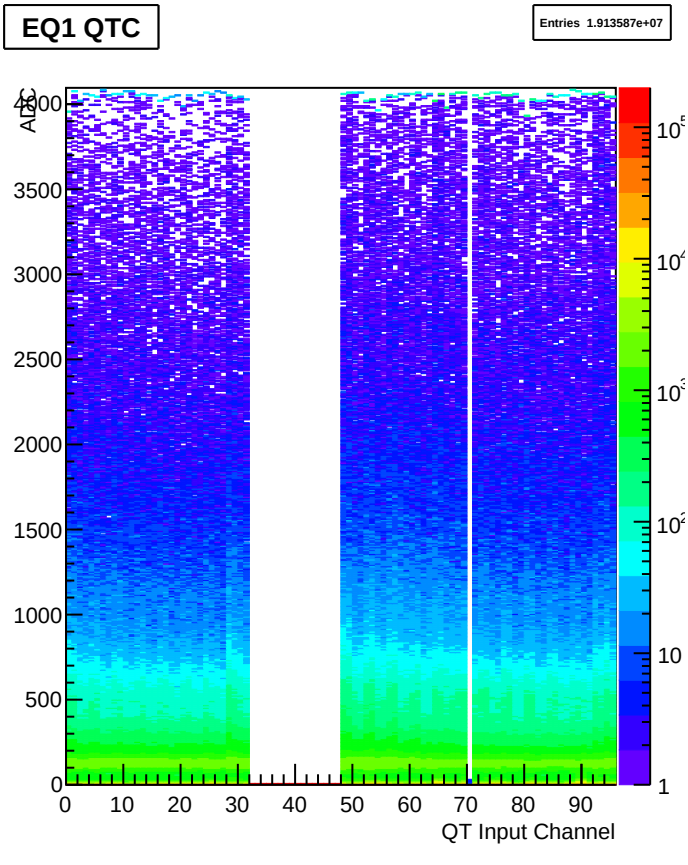

BBQ-VP001 East
Entries 3189312
ADC
QT Input Channel

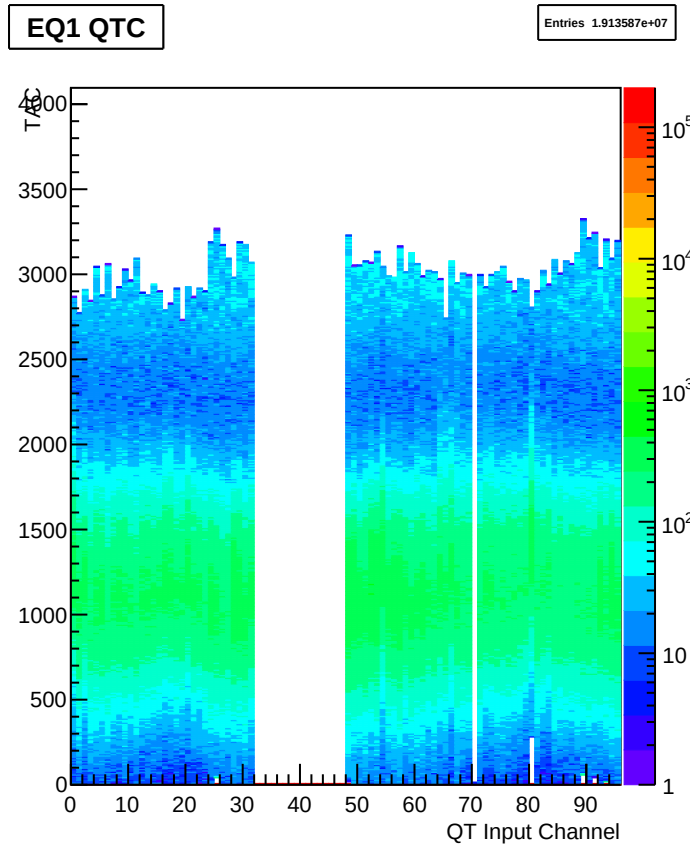

BBQ-VP002 West
Entries 3189312
ADC
QT Input Channel

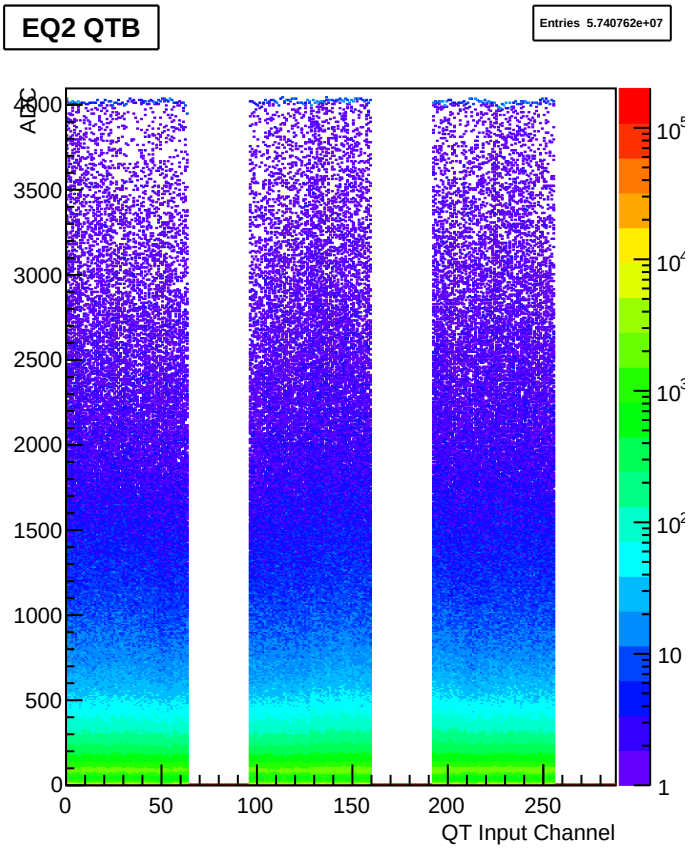

BBQ-VP002 West
Entries 3189312
ADC
QT Input Channel

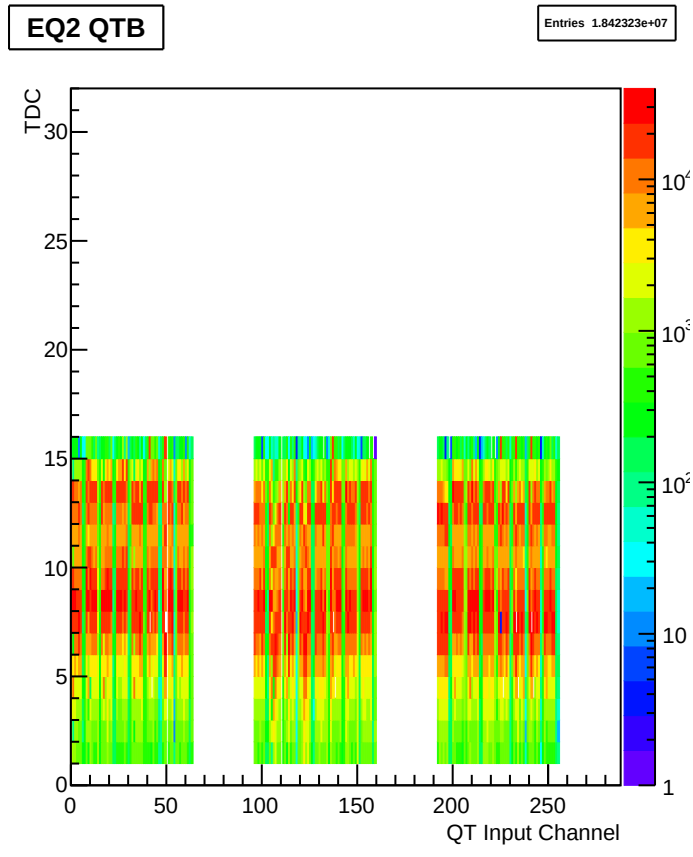

EQ1 QTB
Entries 5.740762e+07
ADC
QT Input Channel

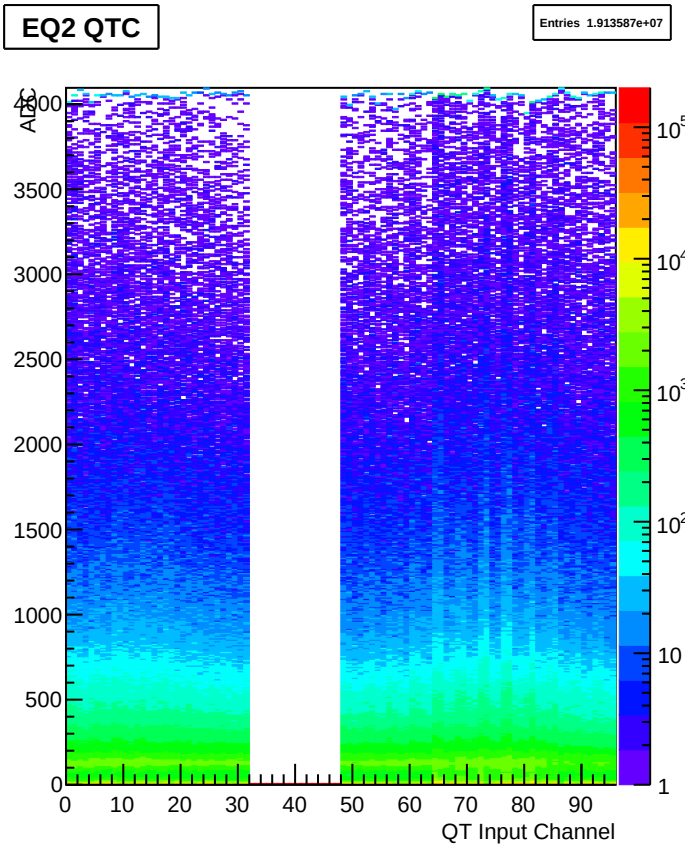

EQ1 QTB
Entries 1.84842e+07
TDC
QT Input Channel

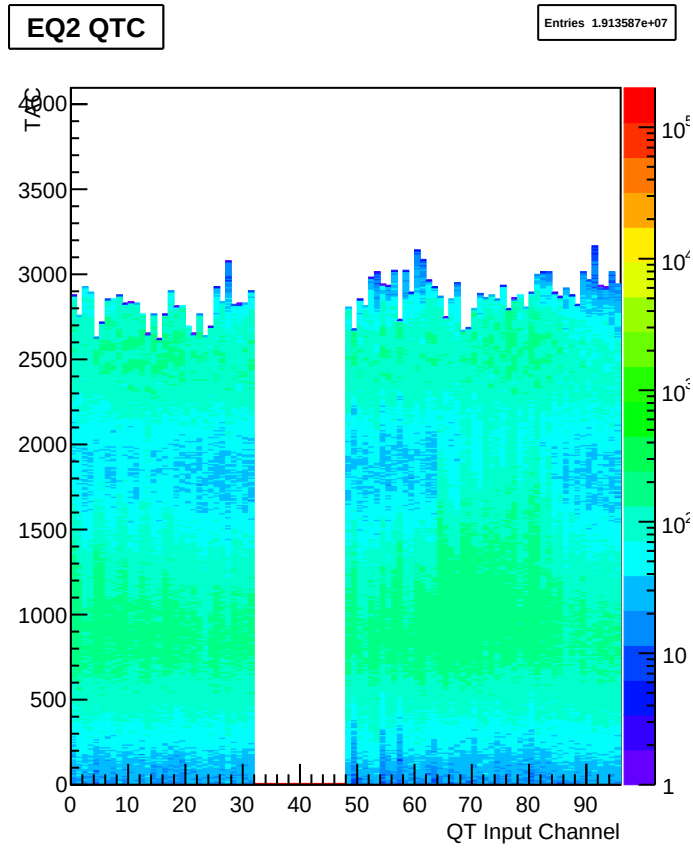

EQ1 QTC
Entries 1.913587e+07
ADC
QT Input Channel

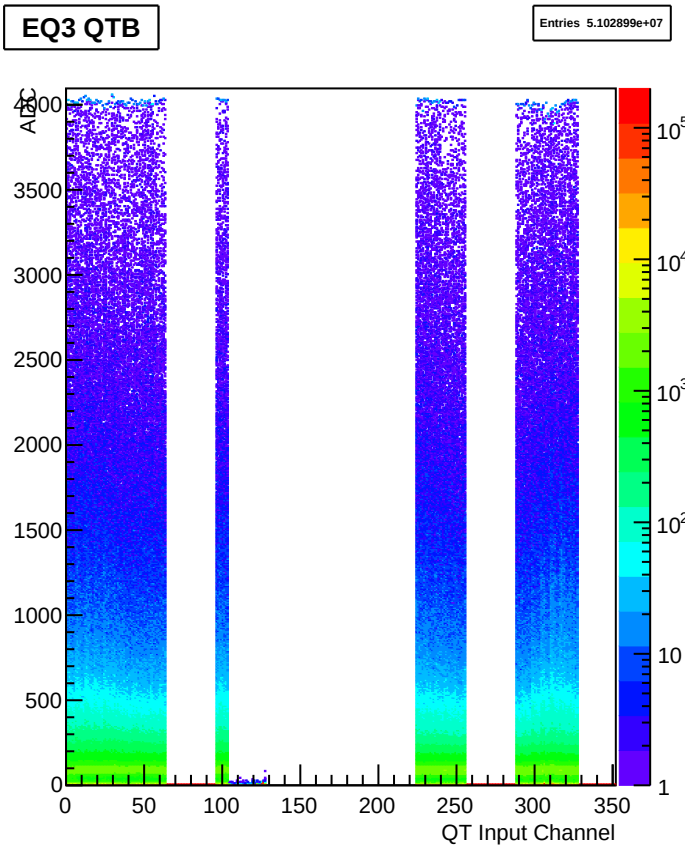

EQ1 QTC
Entries 1.913587e+07
TADC
QT Input Channel

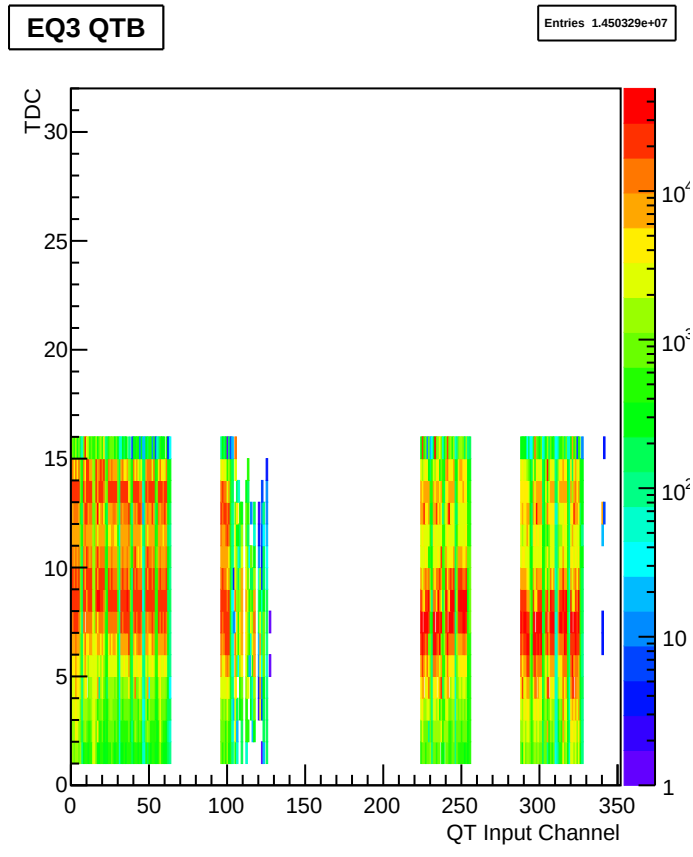

EQ2 QTB
Entries 5.740762e+07
ADC
QT Input Channel

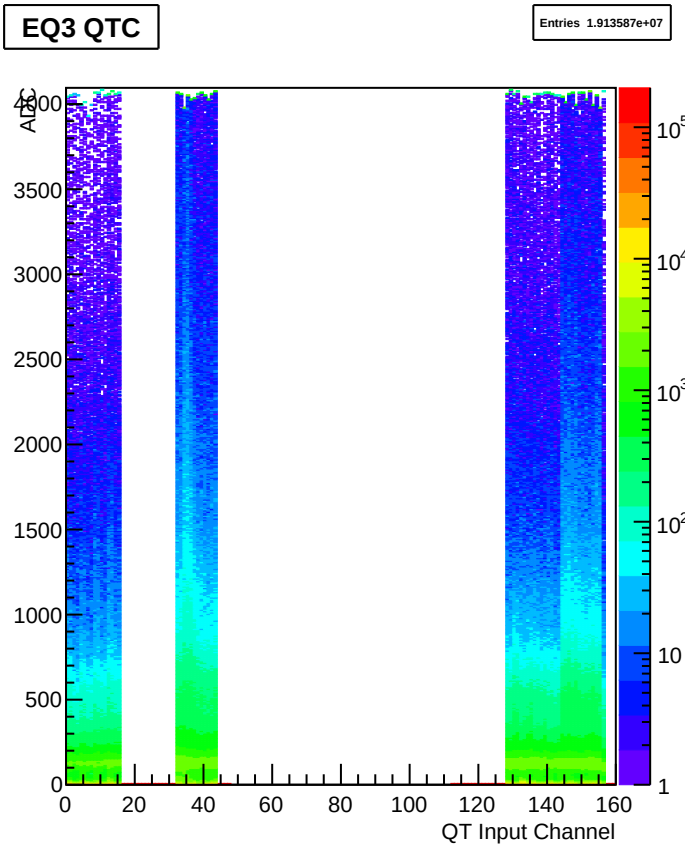

EQ2 QTB
Entries 1.842323e+07
TDC
QT Input Channel

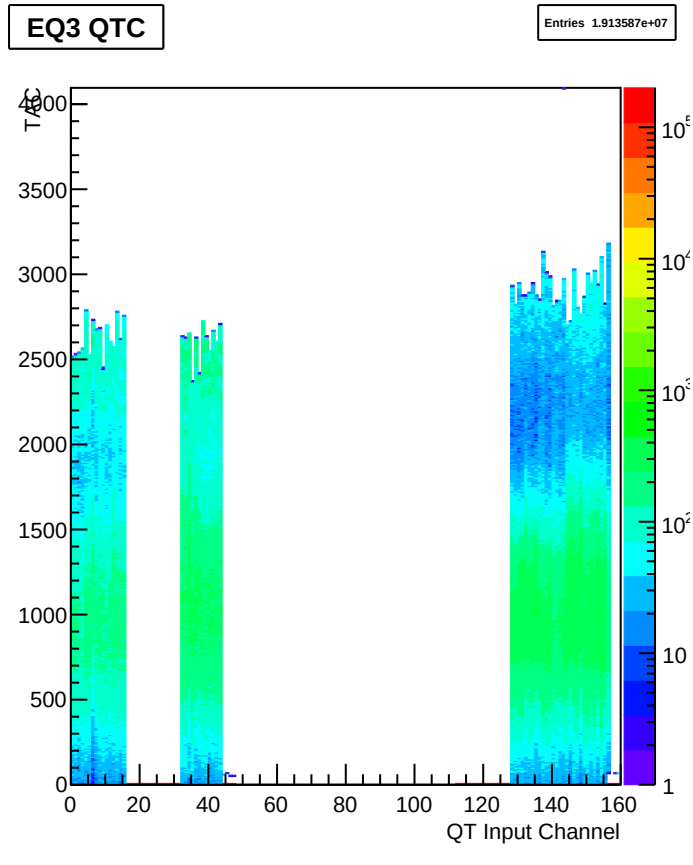

EQ2 QTC
Entries 1.913587e+07
ADC
QT Input Channel

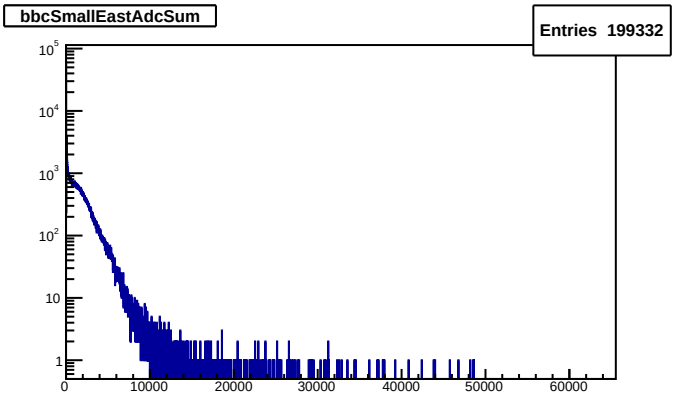

EQ2 QTC
Entries 1.913587e+07
TADC
QT Input Channel

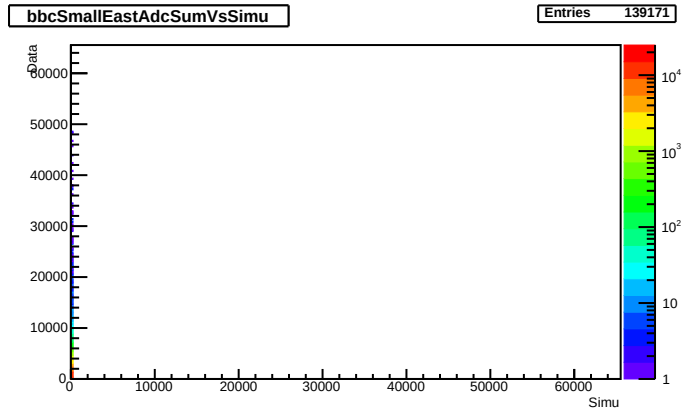

EQ3 QTB
Entries 5.102899e+07
ADC
QT Input Channel

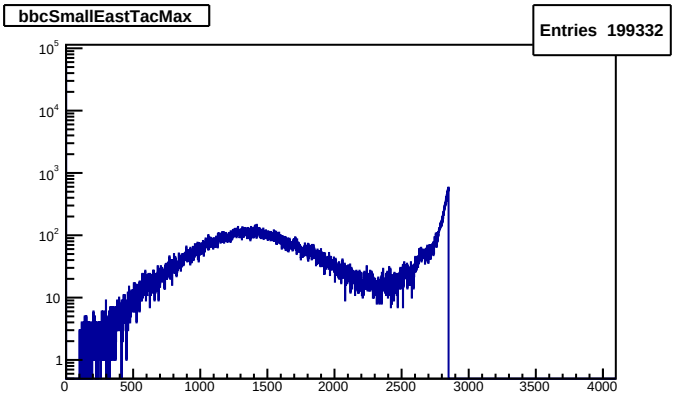

EQ3 QTB
Entries 1.450329e+07
TDC
QT Input Channel

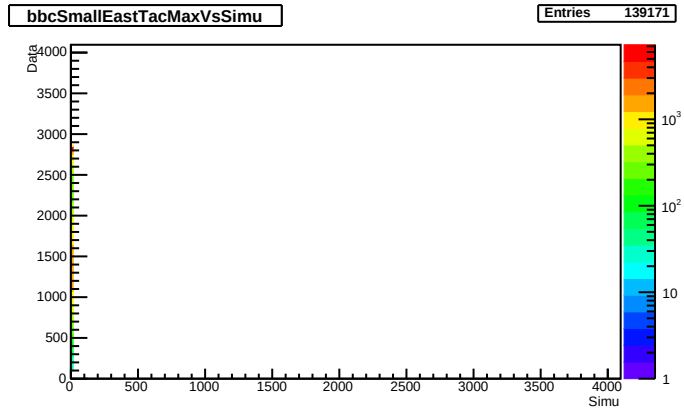

EQ3 QTC
Entries 1.913587e+07
ADC
QT Input Channel

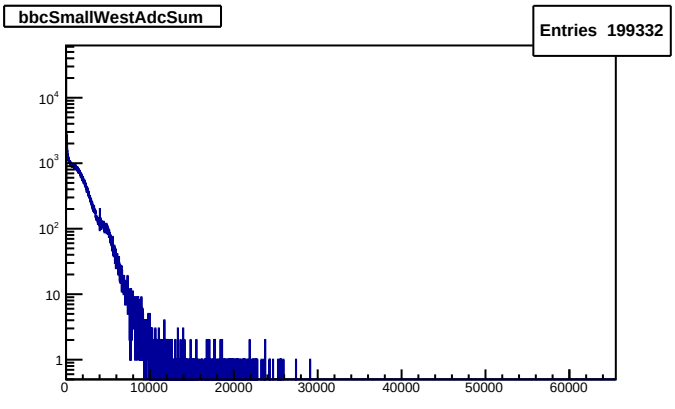

EQ3 QTC
Entries 1.913587e+07
TADC
QT Input Channel

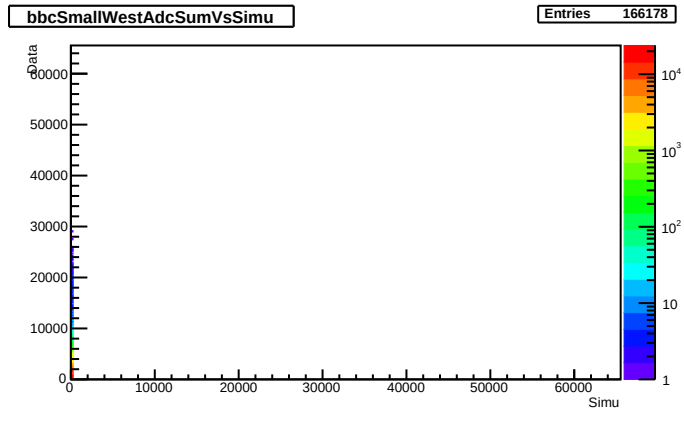

bbcSmallEastAdcSum
Entries 199332

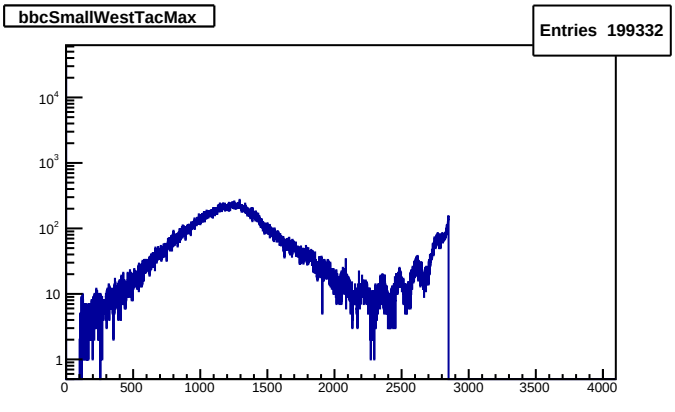

bbcSmallEastAdcSumVsSimu
Entries 139171
Data
Simu

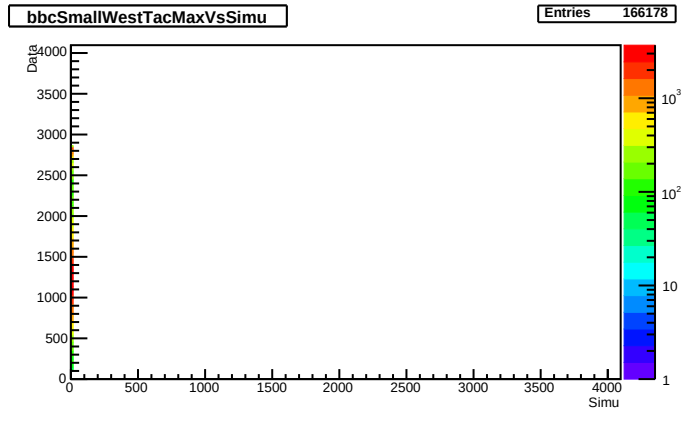

bbcSmallEastTacMax
Entries 199332

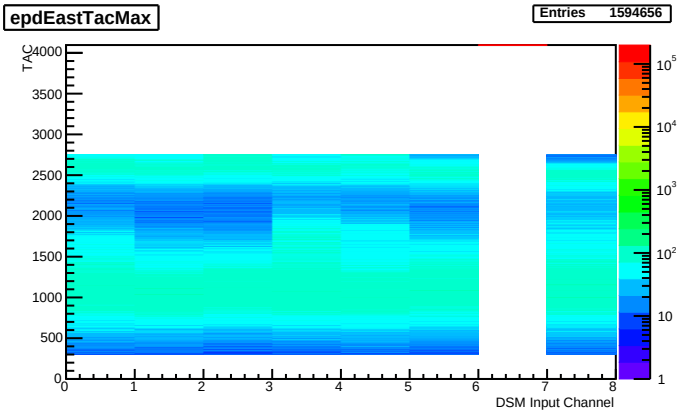

bbcSmallEastTacMaxVsSimu
Entries 139171
Data
Simu

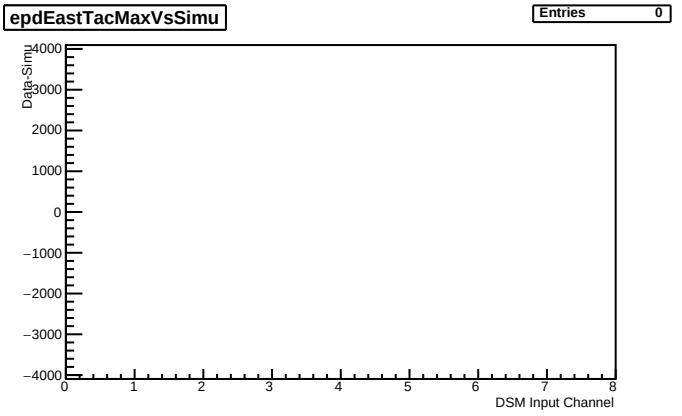

bbcSmallWestAdcSum
Entries 199332

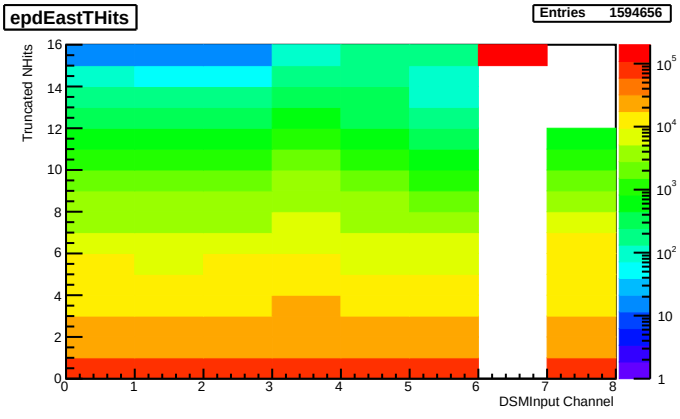

bbcSmallWestAdcSumVsSimu
Entries 166178
Data
Simu

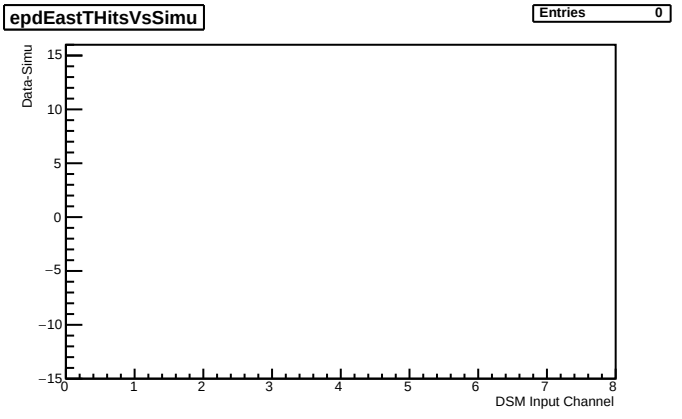

bbcSmallWestTacMax
Entries 199332

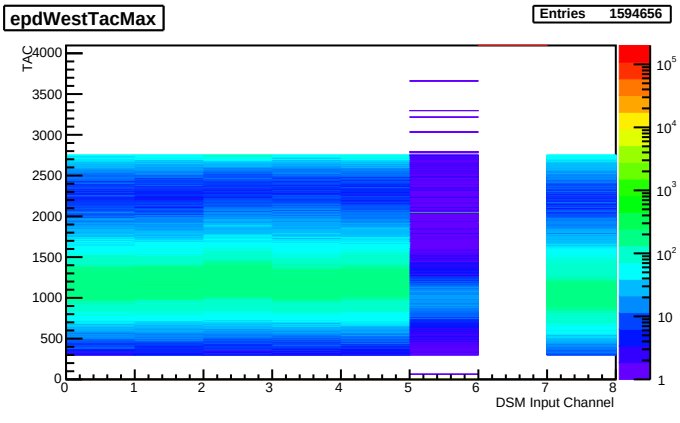

bbcSmallWestTacMaxVsSimu
Entries 166178
Data
Simu

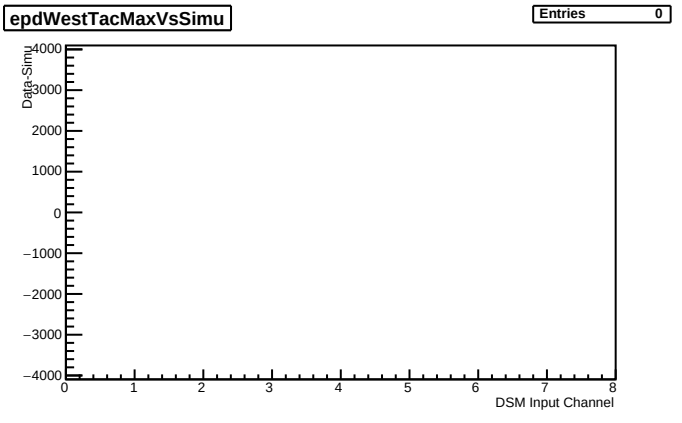

epdEastTacMax
Entries 1594656
TAC
DSM Input Channel

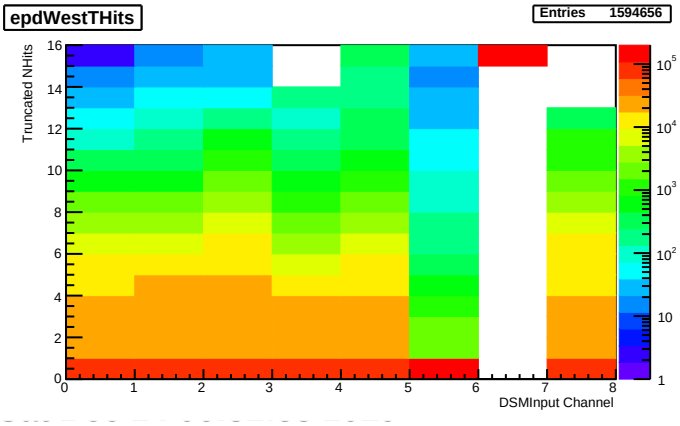

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

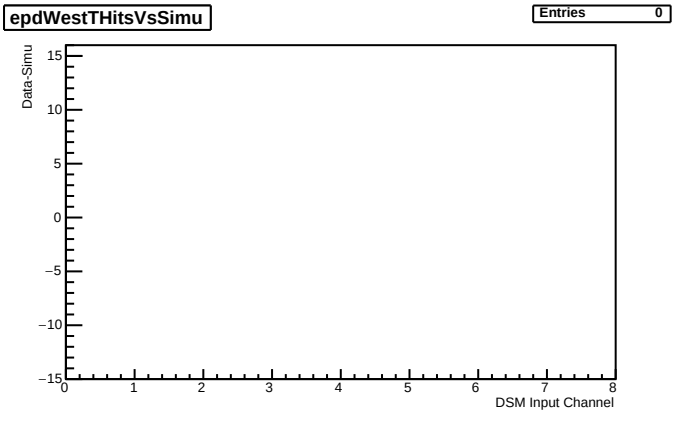

epdEastTHits
Entries 1594656
Truncated NHits
DSMInput Channel

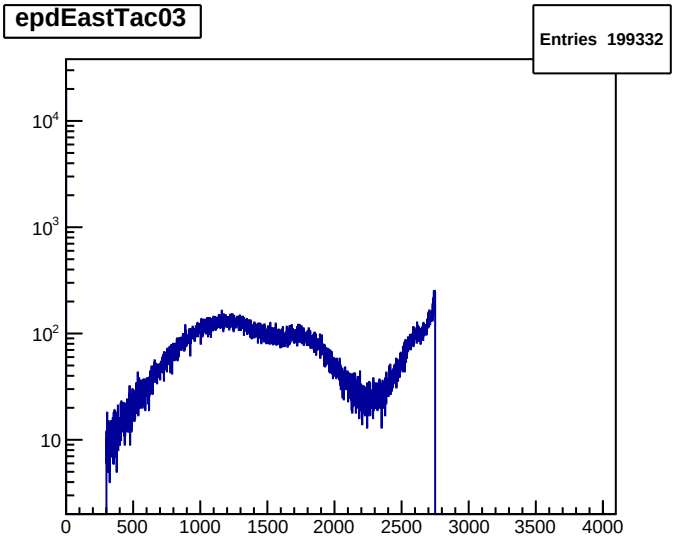

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

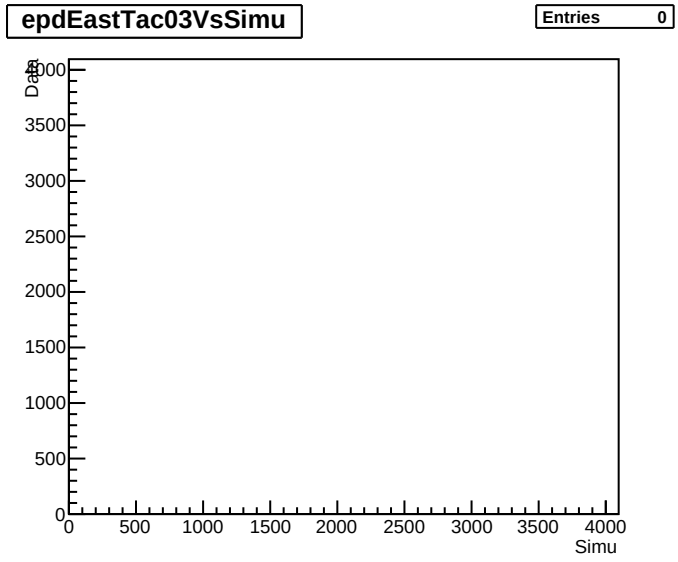

epdWestTacMax
Entries 1594656
TAC
DSM Input Channel

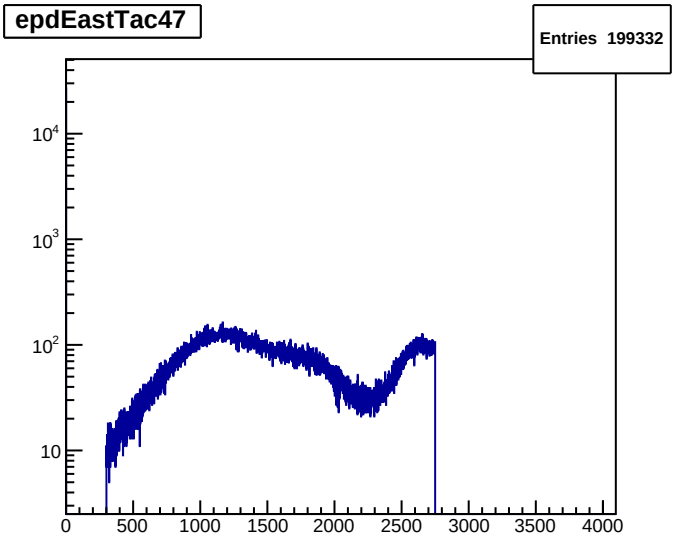

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

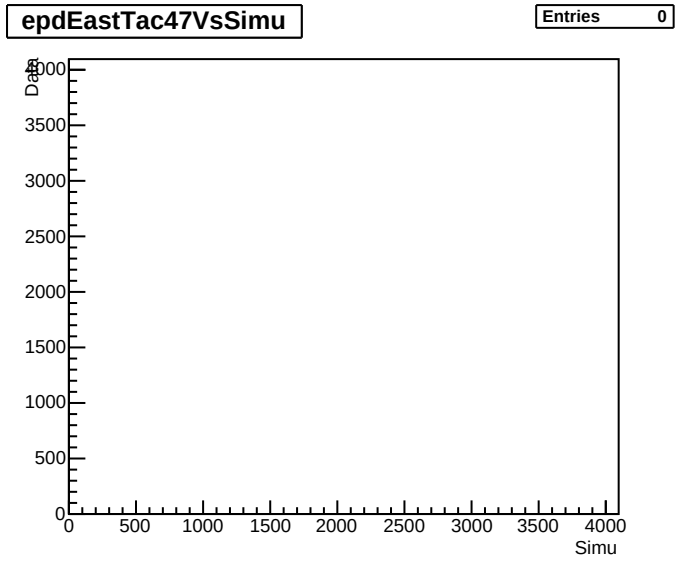

epdWestTHits
Entries 1594656
Truncated NHits
DSMInput Channel

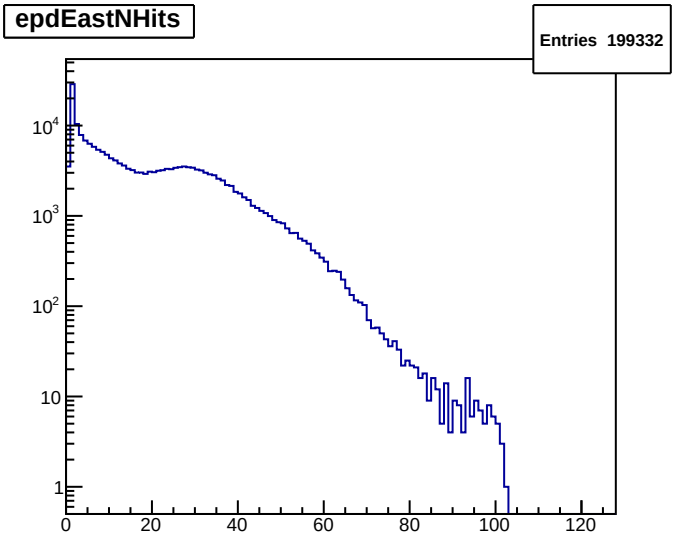

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

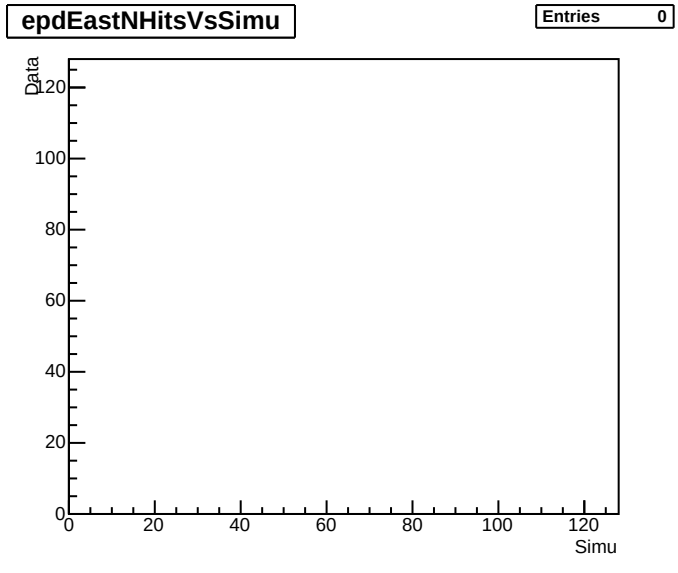

epdEastTac03
Entries 199332


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 199332


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 199332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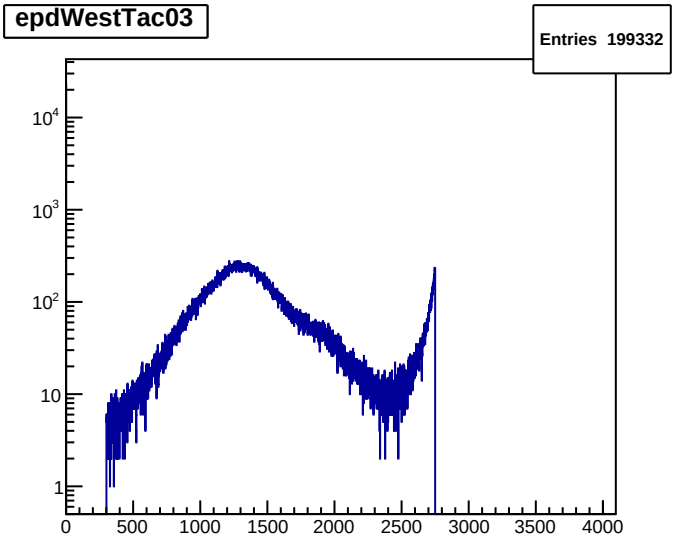
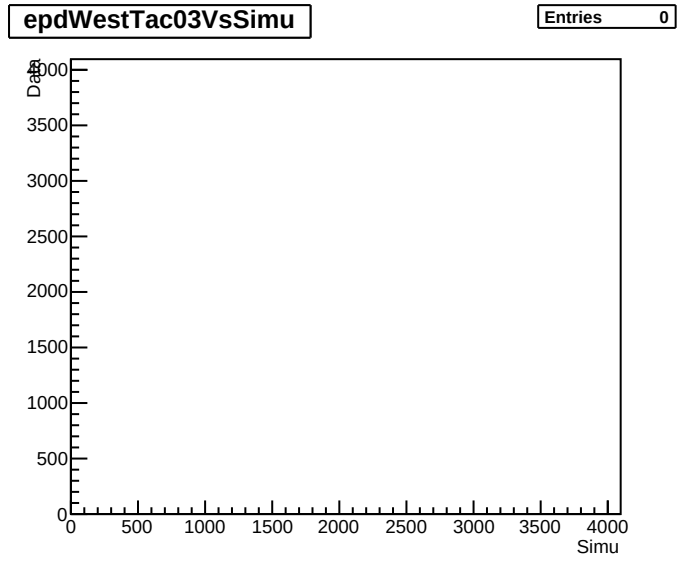
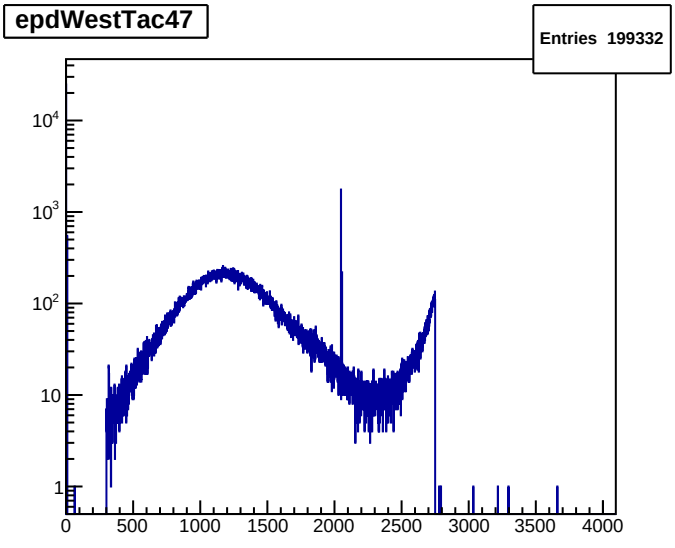
Entries 0
Data
Simu


epdWestTac03
Entries 199332


epdWestTac03VsSimu
Entries 0
Data
Simu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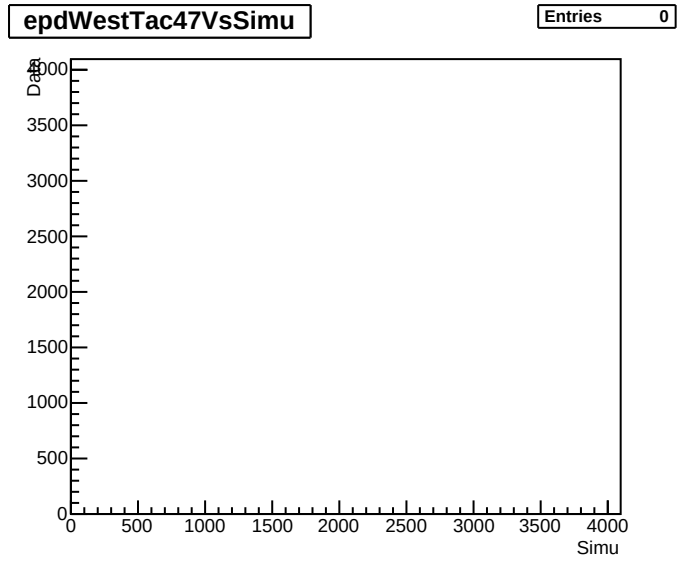
Entries 199332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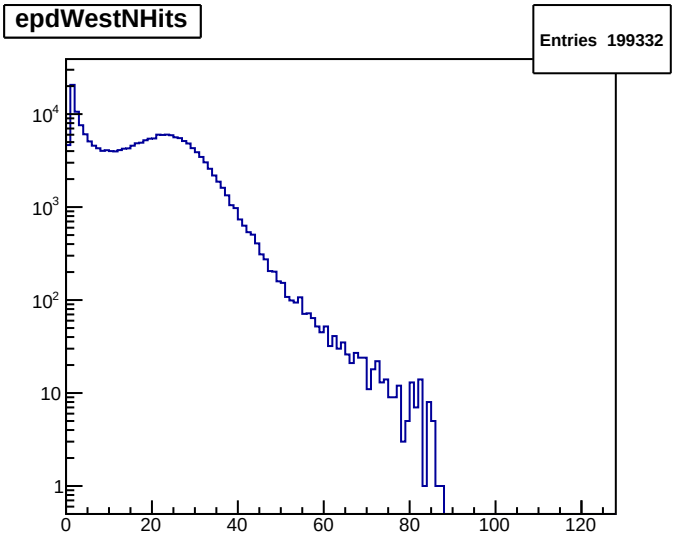
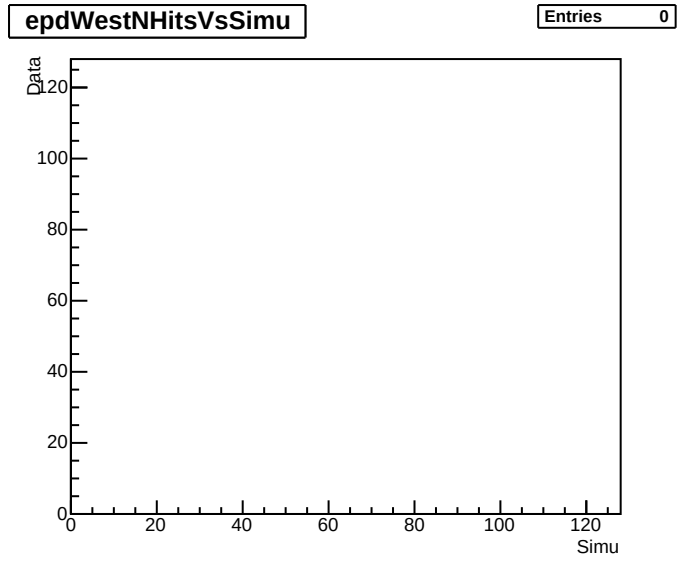
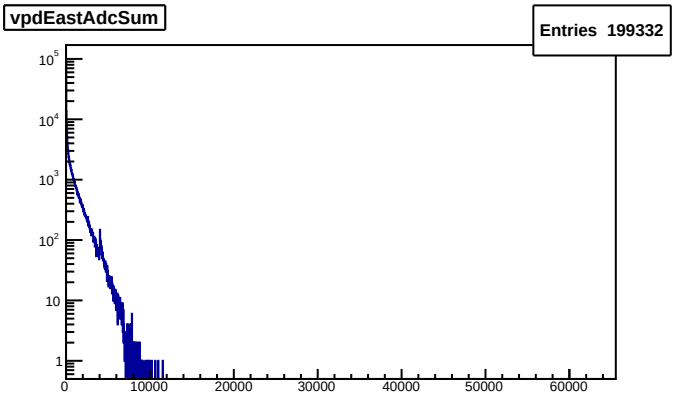
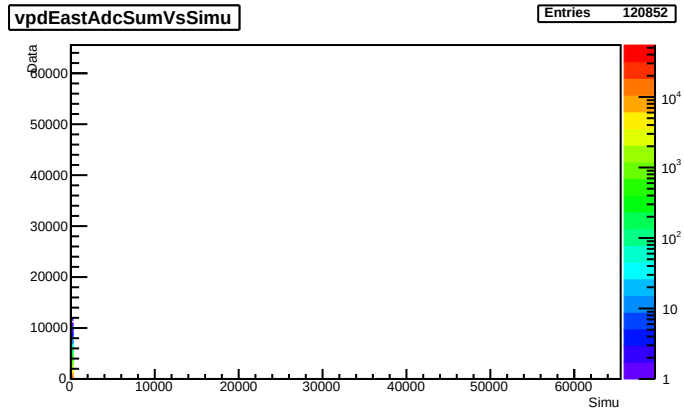
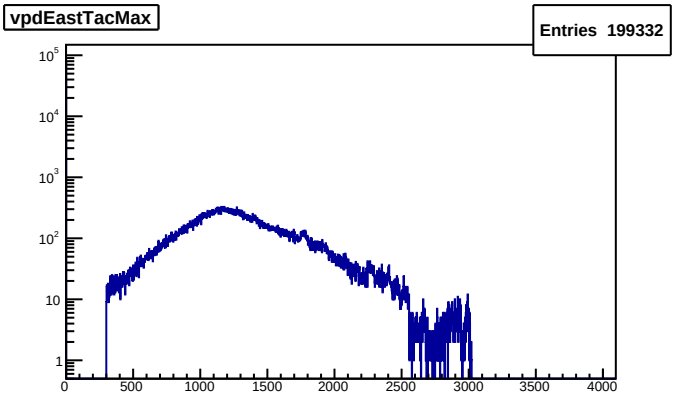
Entries 0
Data
Simu

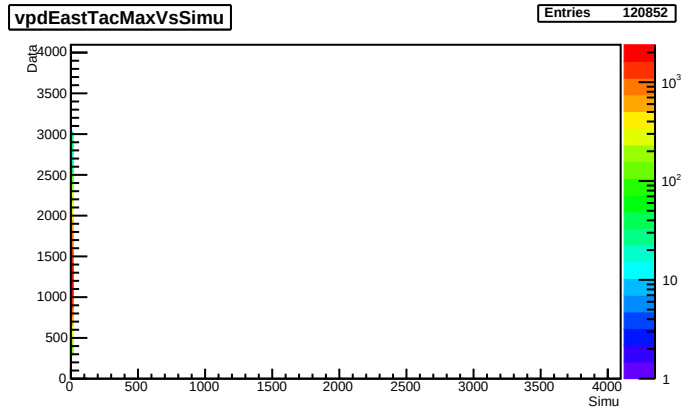

epdWestNHits
Entries 199332

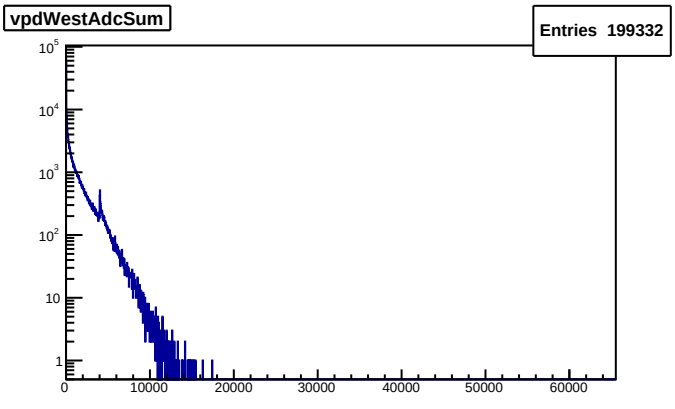

epdWestNHitsVsSimu
Entries 0
Data
Simu

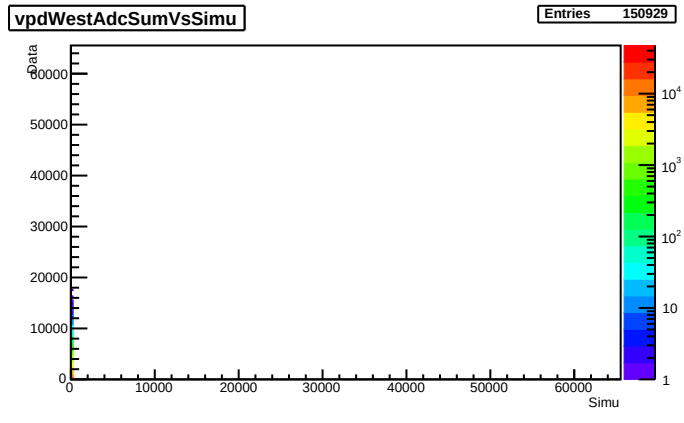

vpdEastAdcSum
Entries 199332

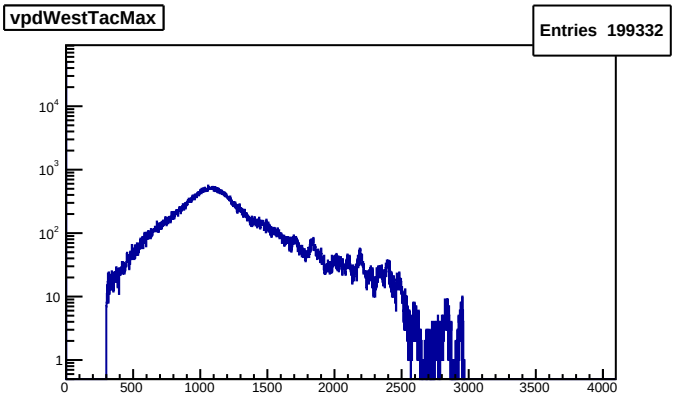

vpdEastAdcSumVsSimu
Entries 120852
Data
Simu

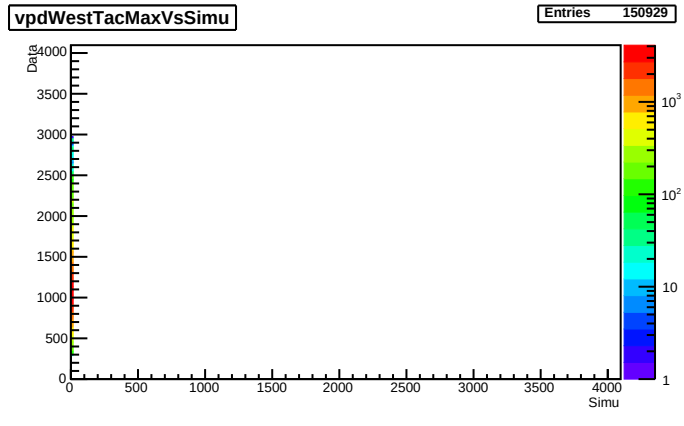

vpdEastTacMax
Entries 199332

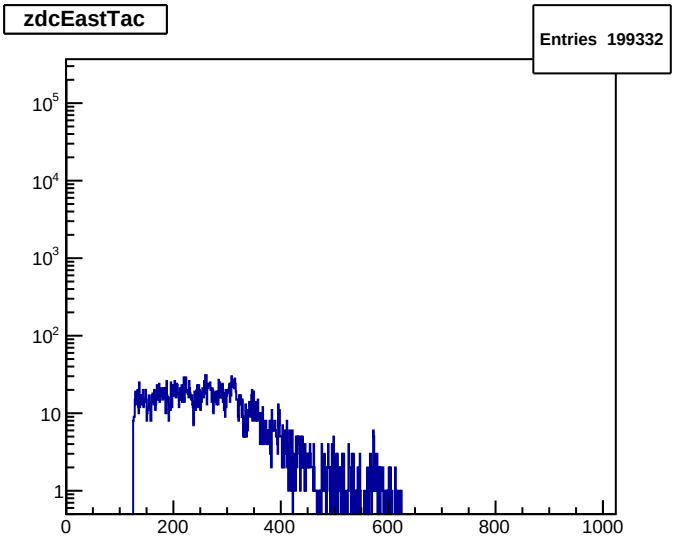

vpdEastTacMaxVsSimu
Entries 120852
Data
Simu

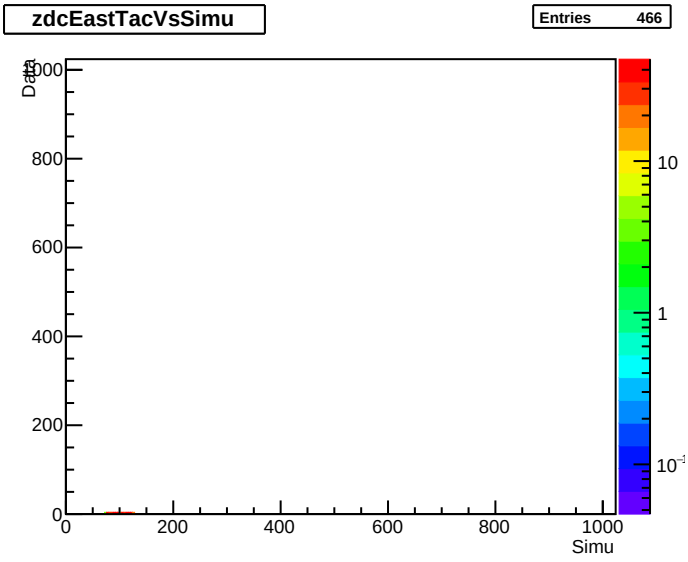

vpdWestAdcSum
Entries 199332

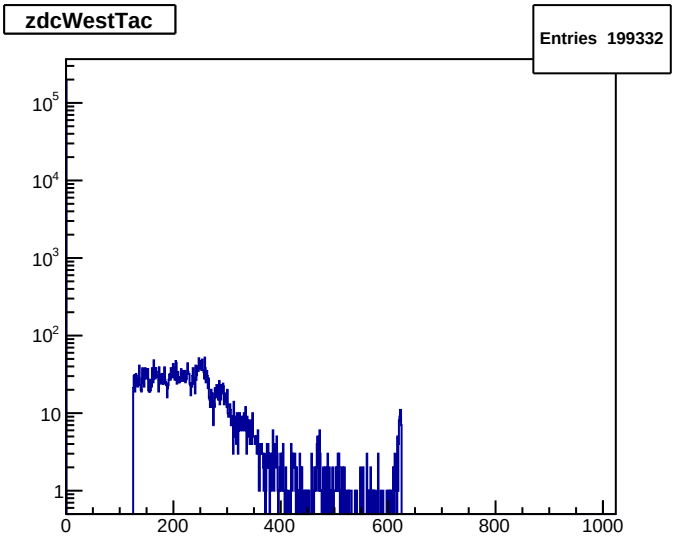

vpdWestAdcSumVsSimu
Entries 150929
Data
Simu

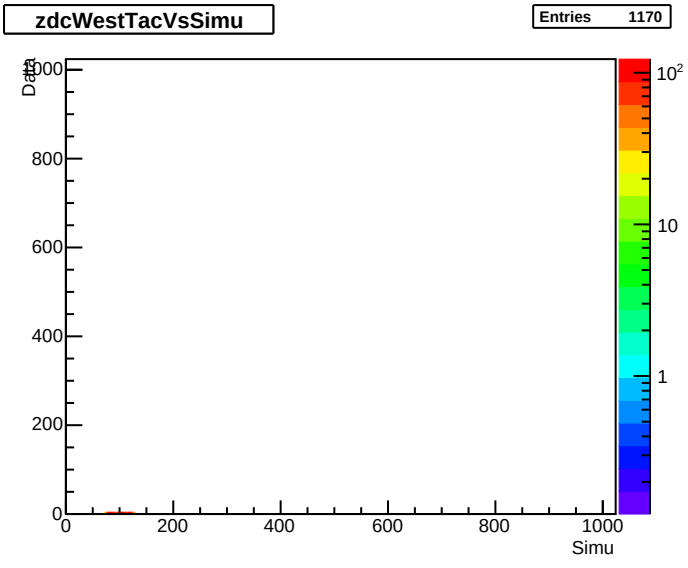

vpdWestTacMax
Entries 199332

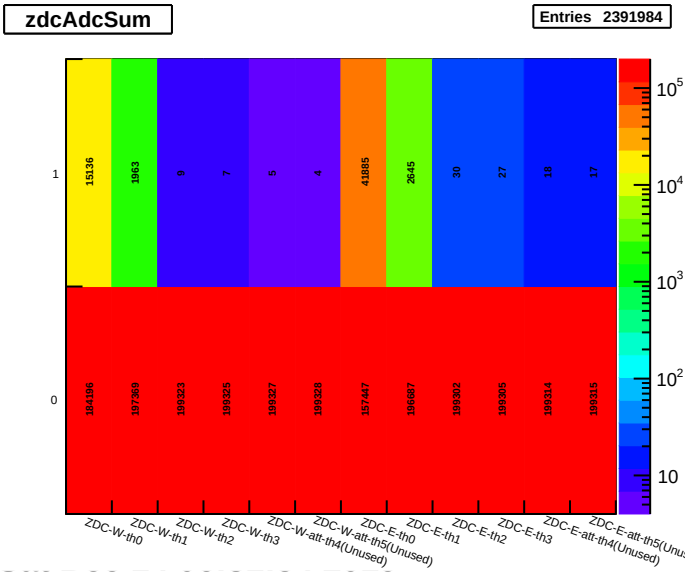

vpdWestTacMaxVsSimu
Entries 150929
Data
Simu

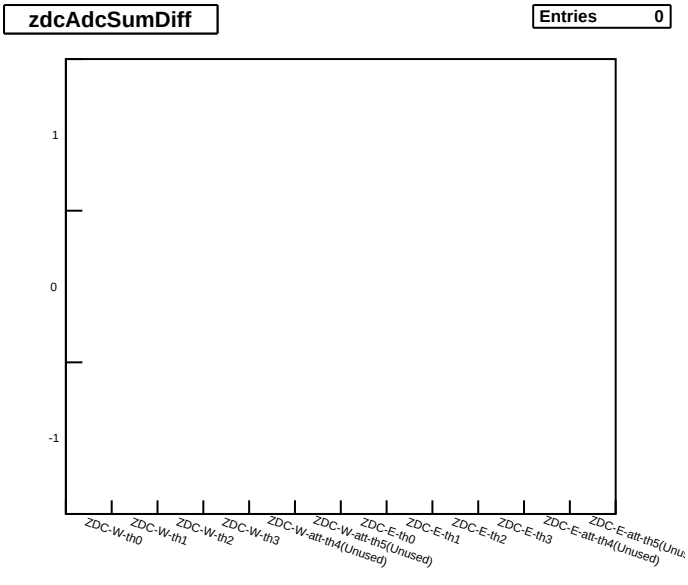

zdcEastTac
Entries 199332

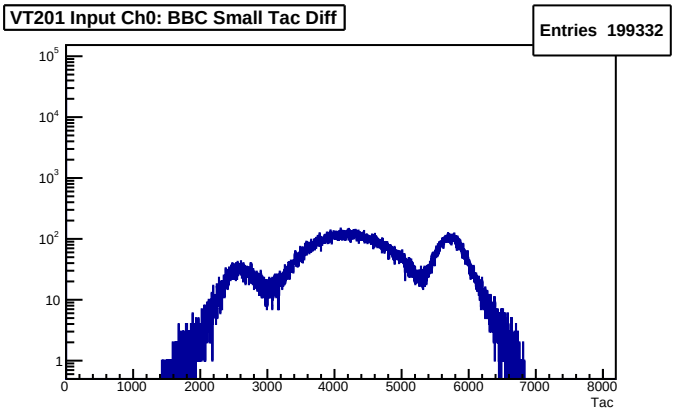

zdcEastTacVsSimu
Entries 466
Data
Simu

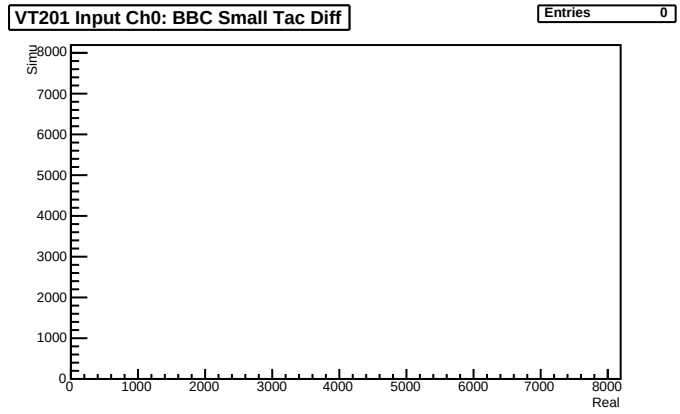

zdcWestTac
Entries 199332

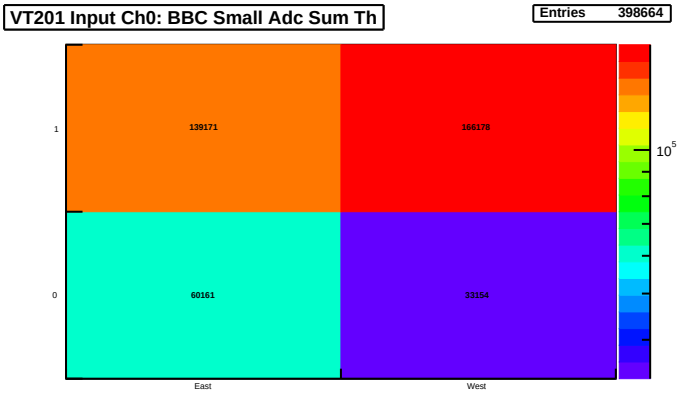

zdcWestTacVsSimu
Entries 1170
Data
Simu

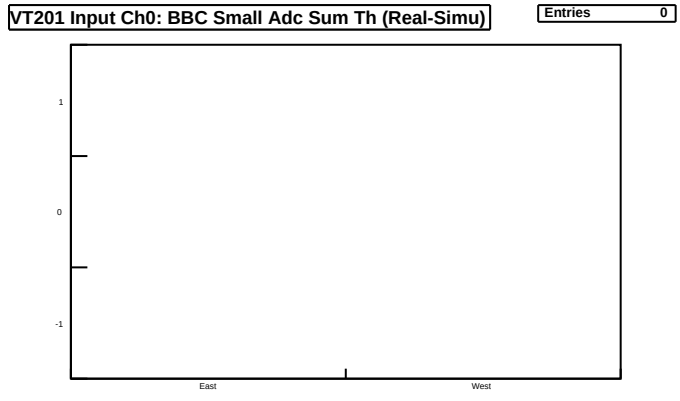

zdcAdcSum
Entries 2391984
15136
1963
9
7
5
4
41885
2645
30
27
18
17
184196
197369
199323
199325
199327
199328
157447
196687
199302
199305
199314
199315
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

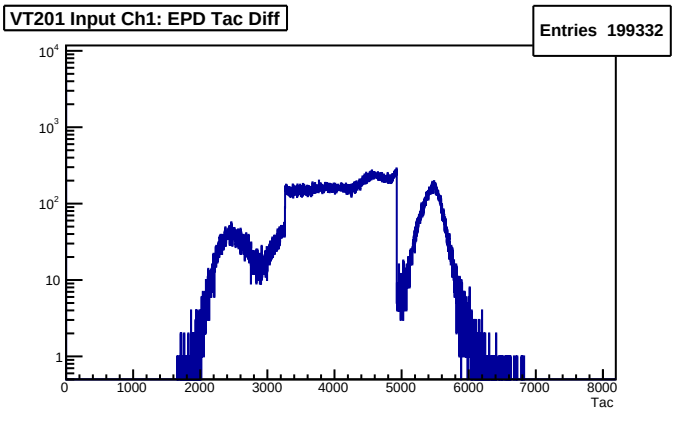

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

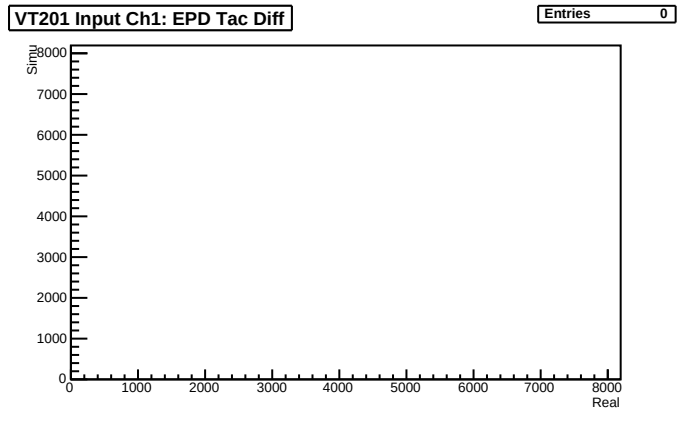

VT201 Input Ch0: BBC Small Tac Diff
Entries 199332
Tac

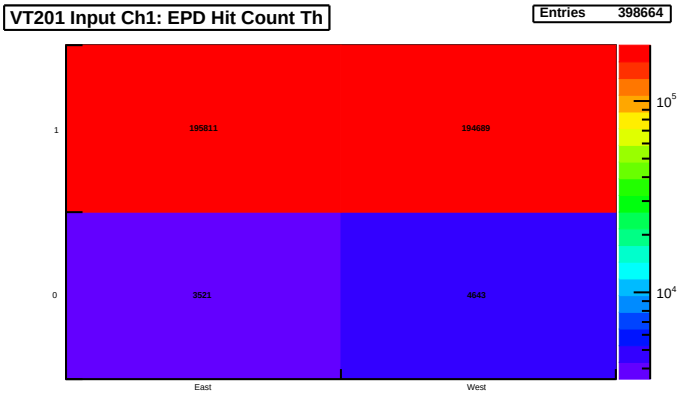

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

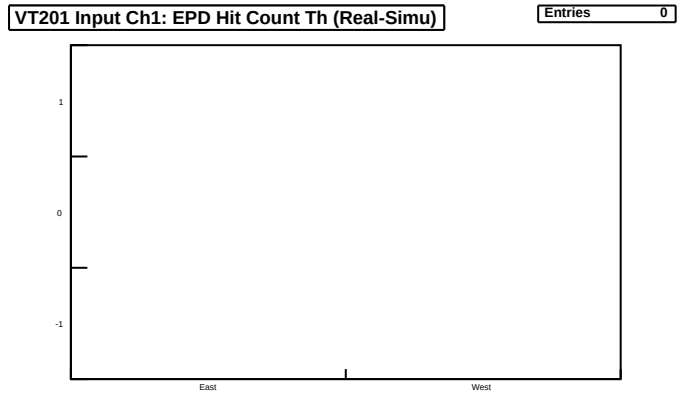

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 398664
139171
166178
60161
33154
East
West

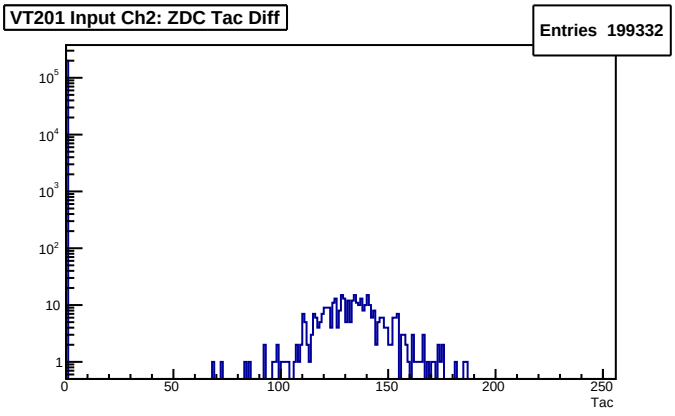

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

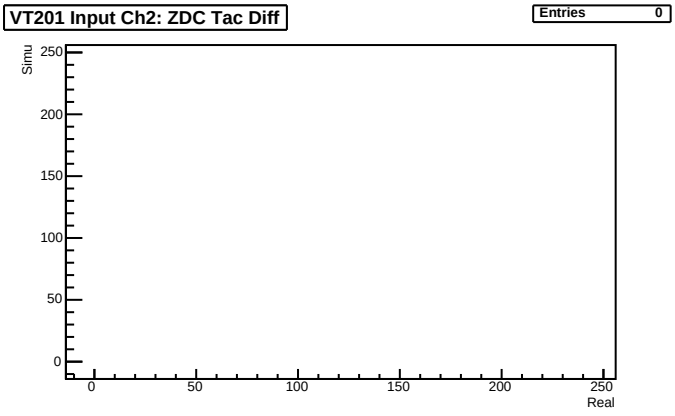

VT201 Input Ch1: EPD Tac Diff
Entries 199332
Tac

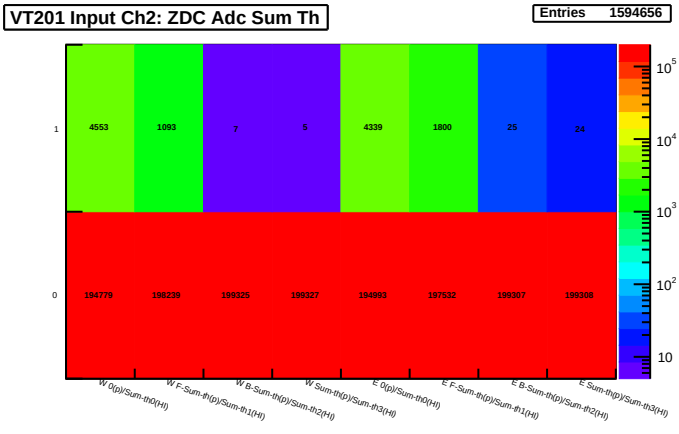

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

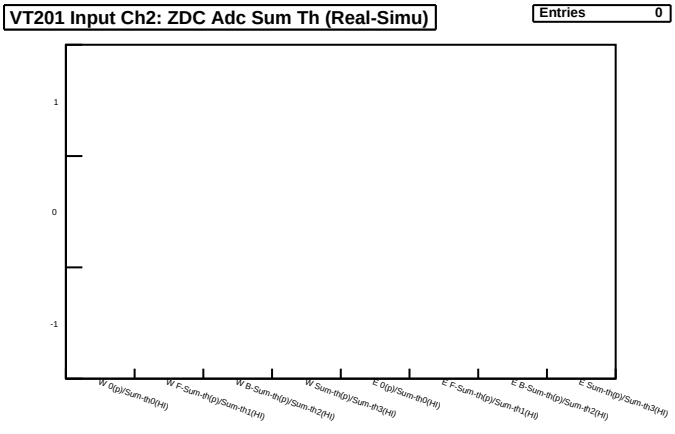

VT201 Input Ch1: EPD Hit Count Th
Entries 398664
195811
194689
3521
4643
East
West

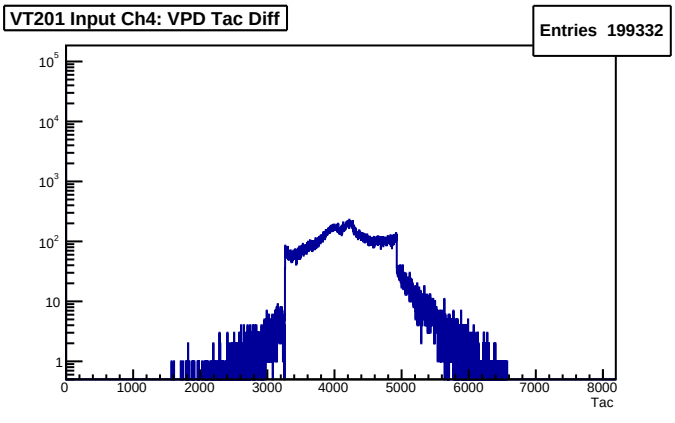

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

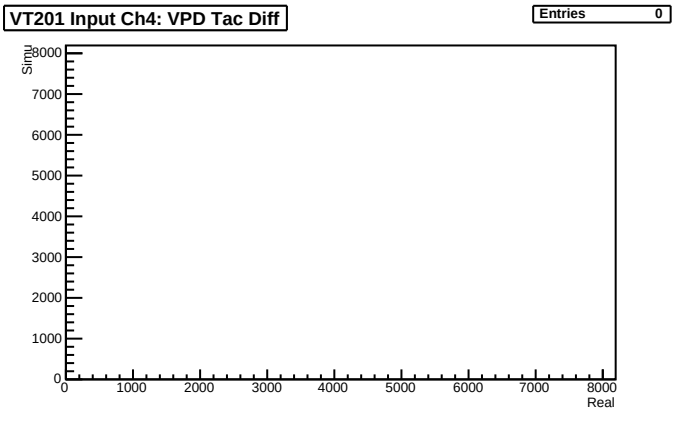

VT201 Input Ch2: ZDC Tac Diff
Entries 199332
Tac

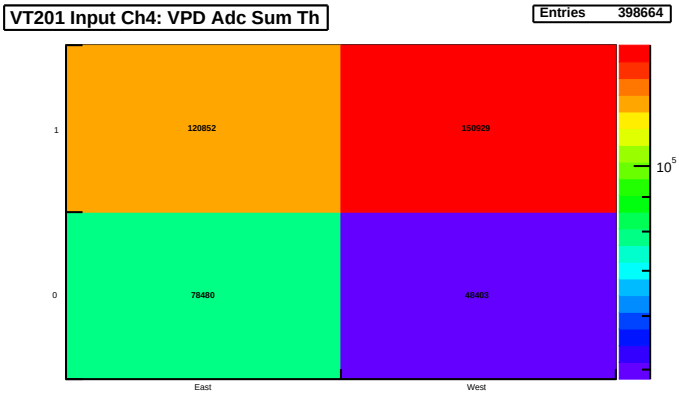

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

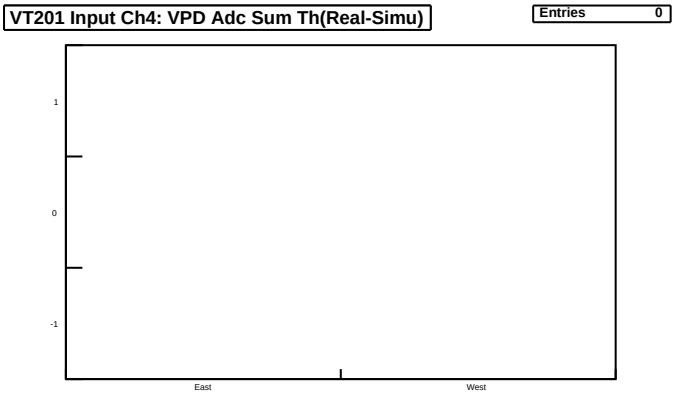

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1594656
4553
1093
7
5
4339
1800
25
24
194779
198239
199325
199327
194993
197532
199307
199308
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

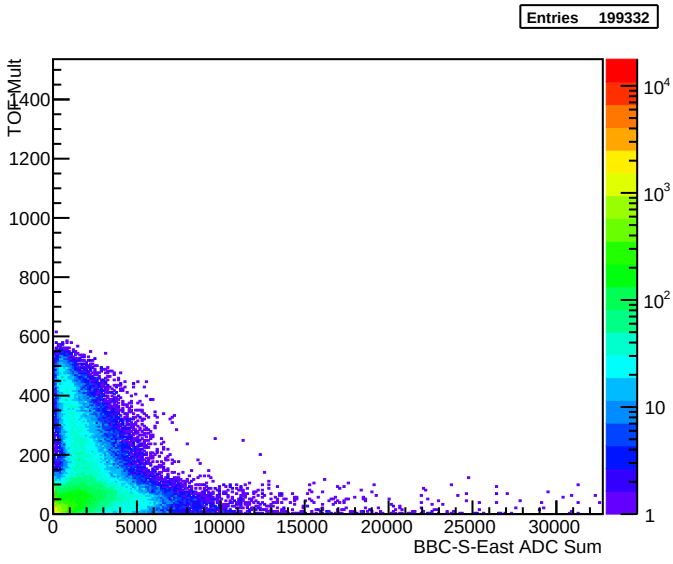

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

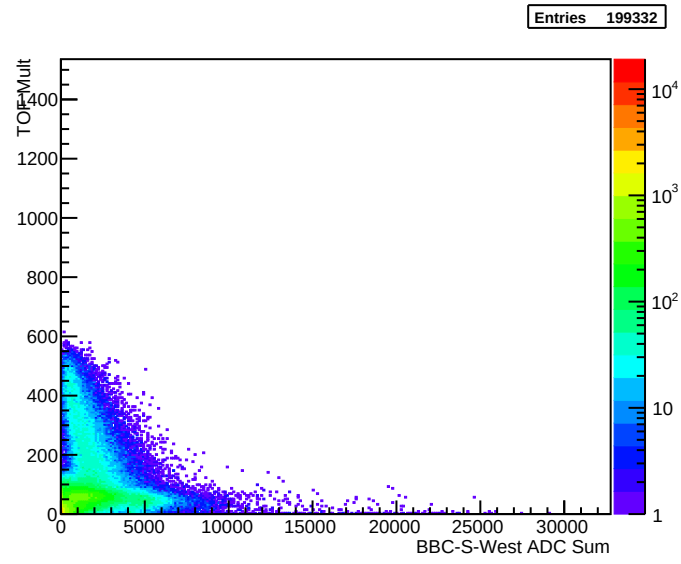

VT201 Input Ch4: VPD Tac Diff
Entries 199332
Tac

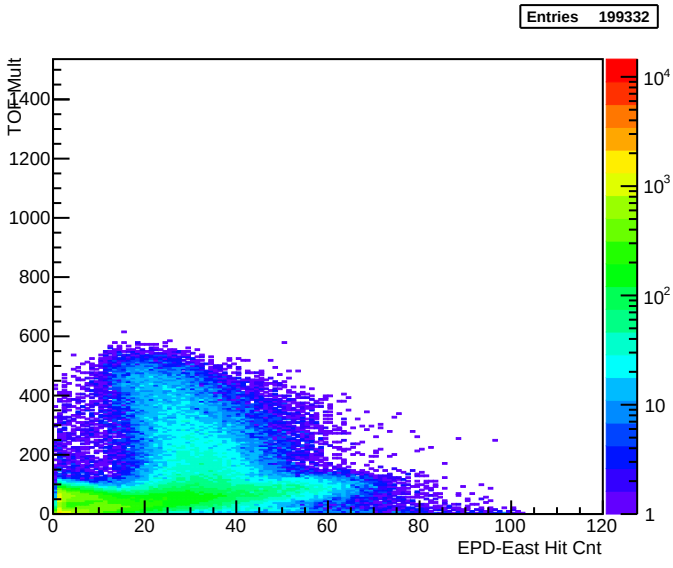

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

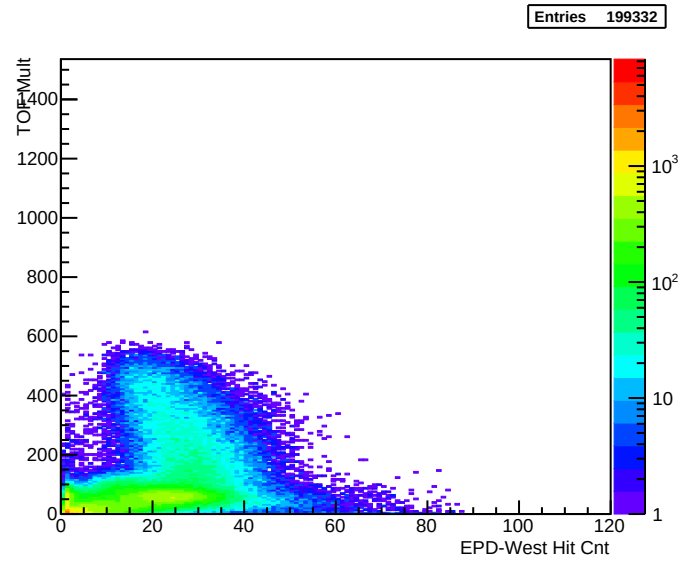

VT201 Input Ch4: VPD Adc Sum Th
Entries 398664
120852
150929
78480
48403
East
West

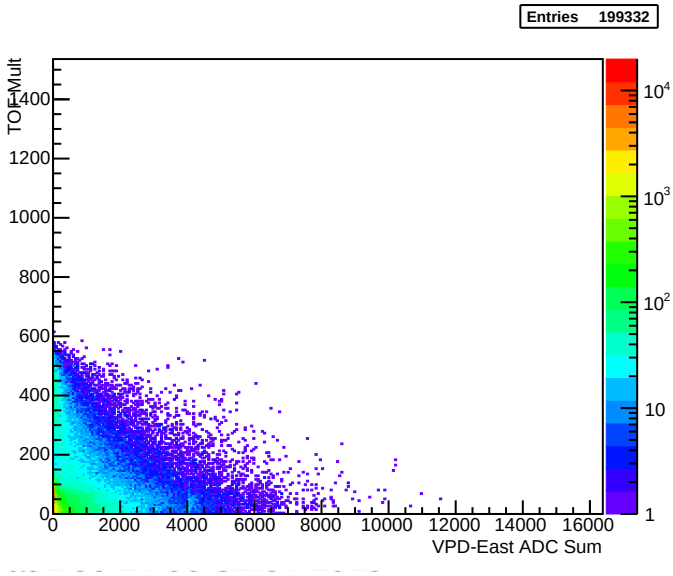

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

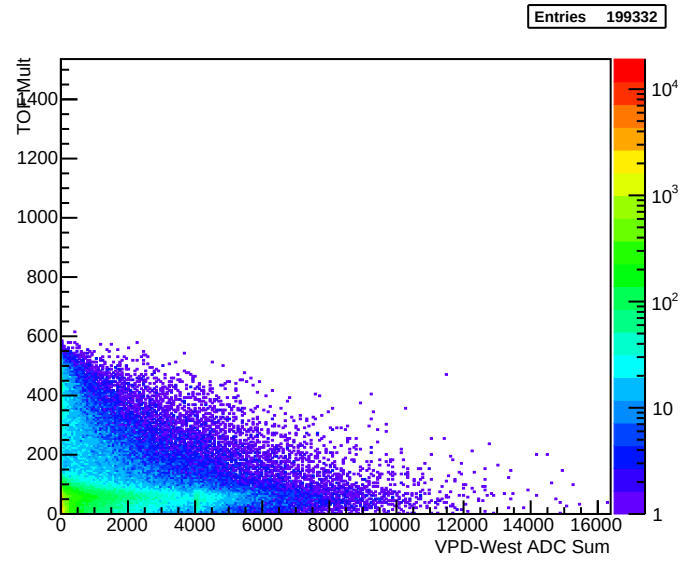

Entries 199332
TOF-Mult
BBC-S-East ADC Sum

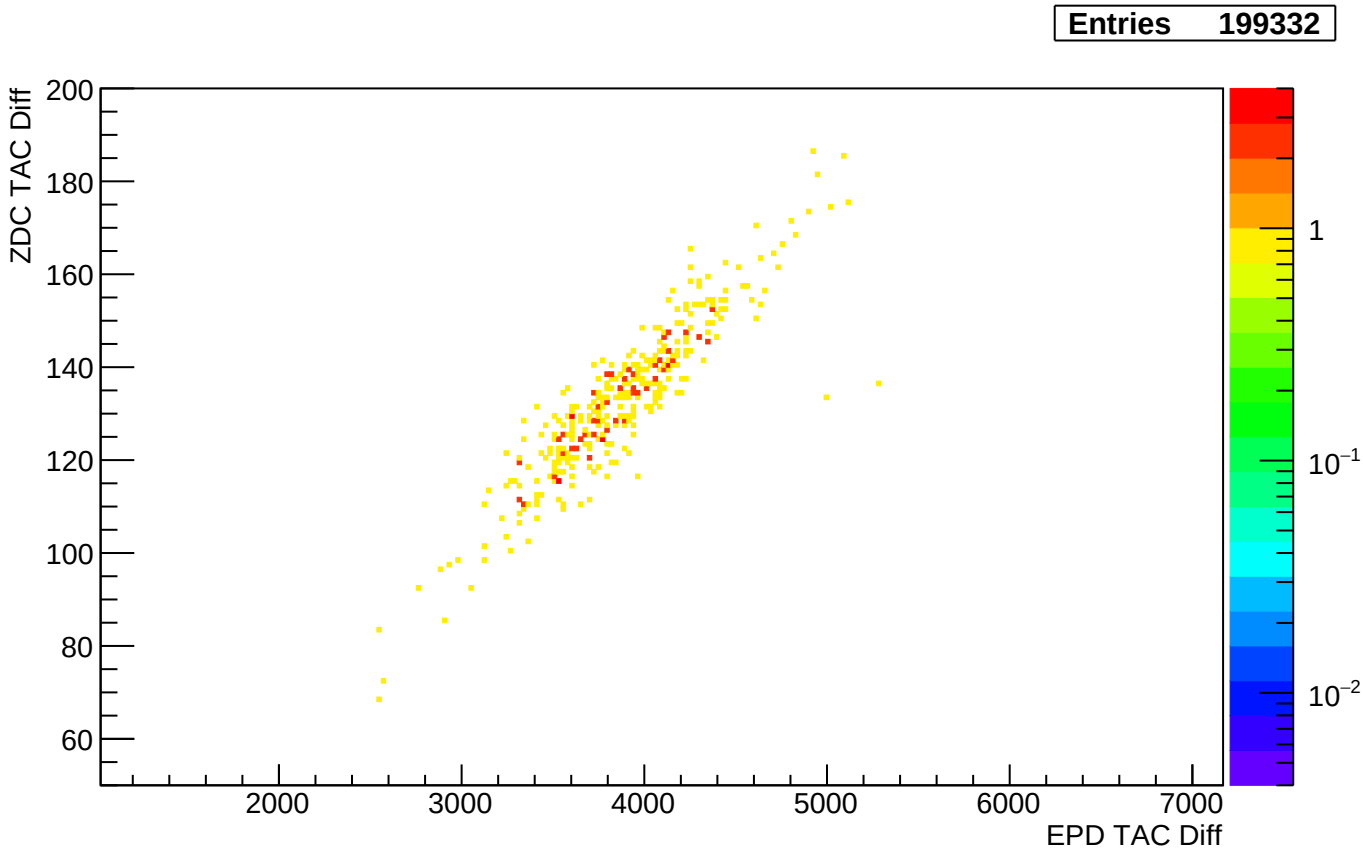

Entries 199332
TOF-Mult
BBC-S-West ADC Sum

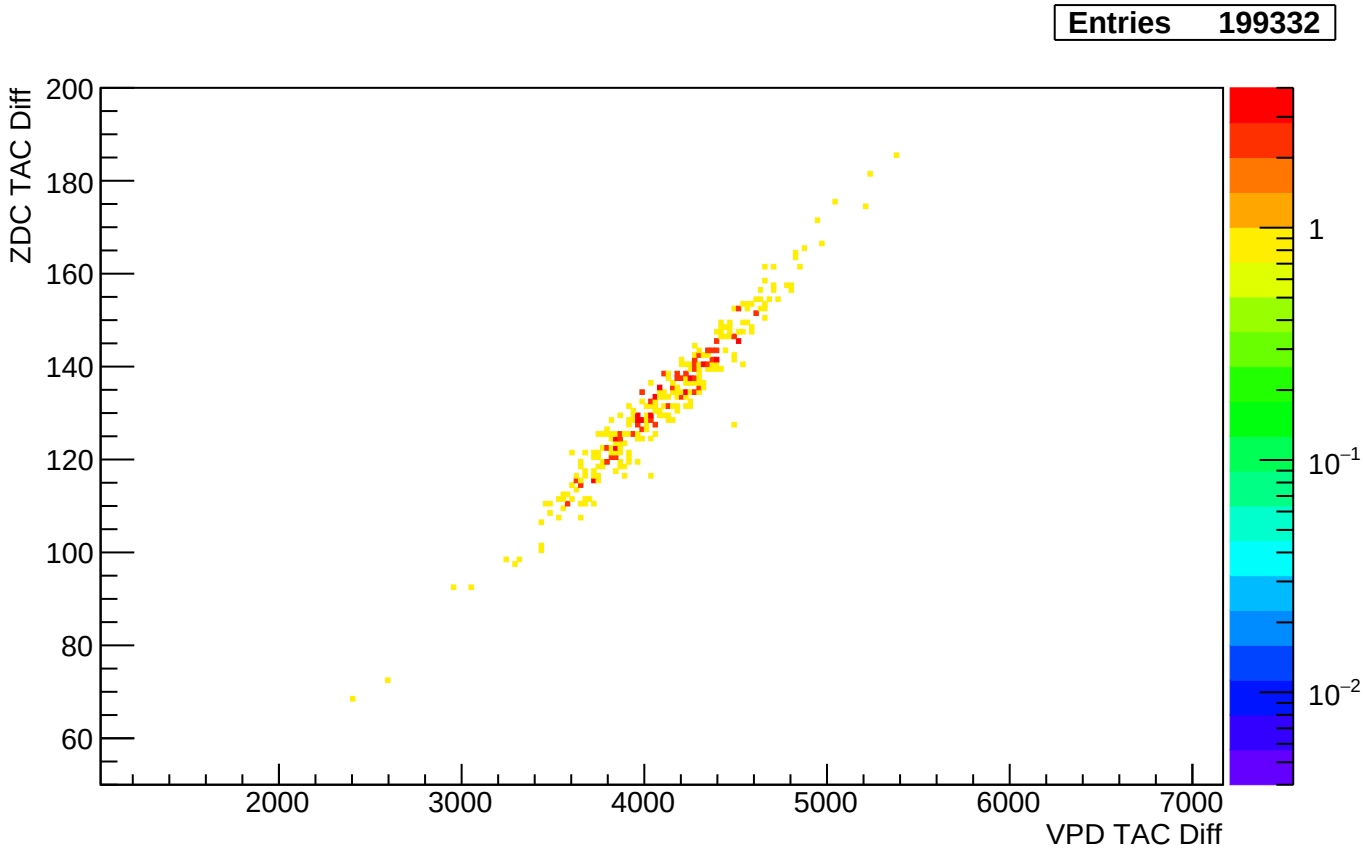

Entries 199332
TOF-Mult
EPD-East Hit Cnt

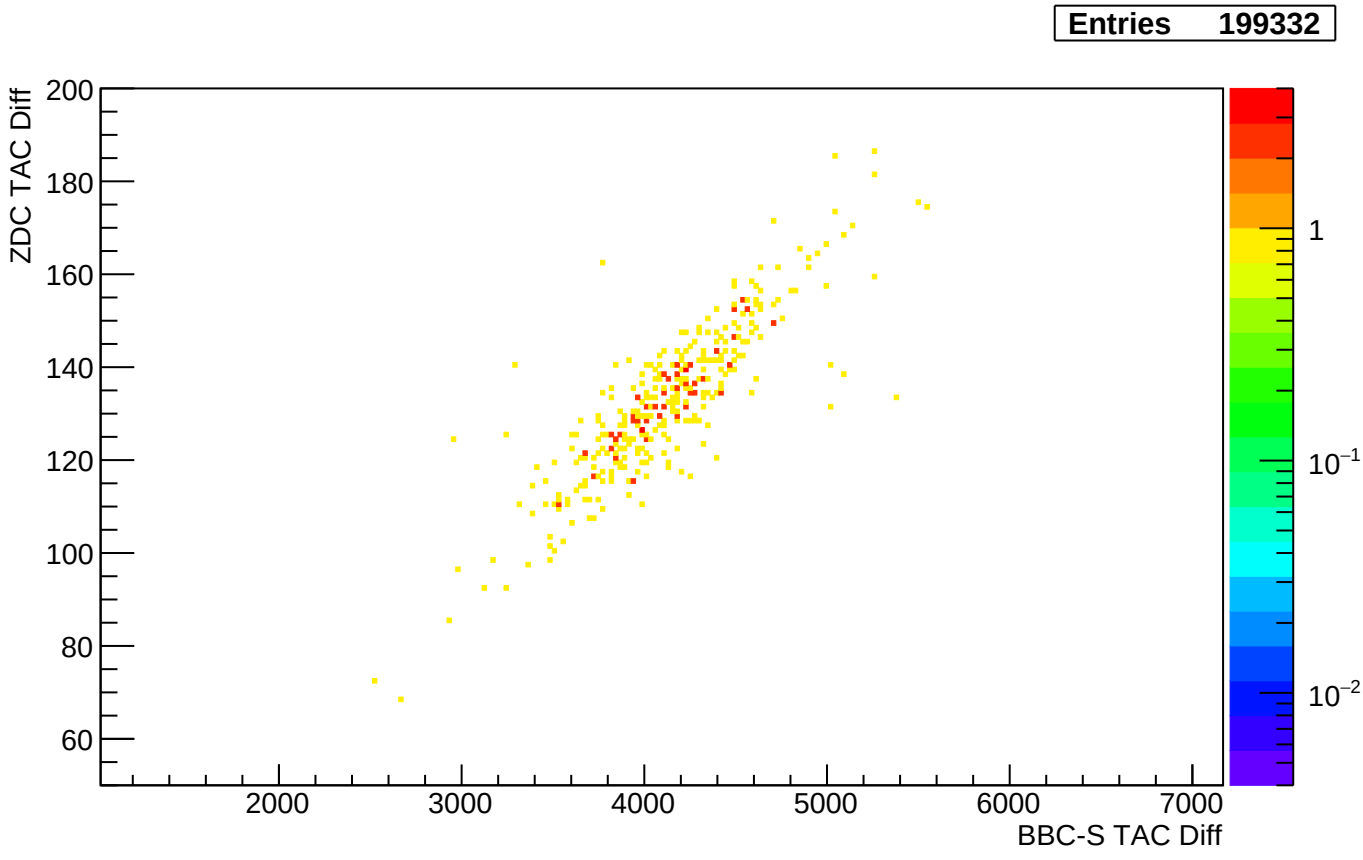

Entries 199332
TOF-Mult
EPD-West Hit Cnt

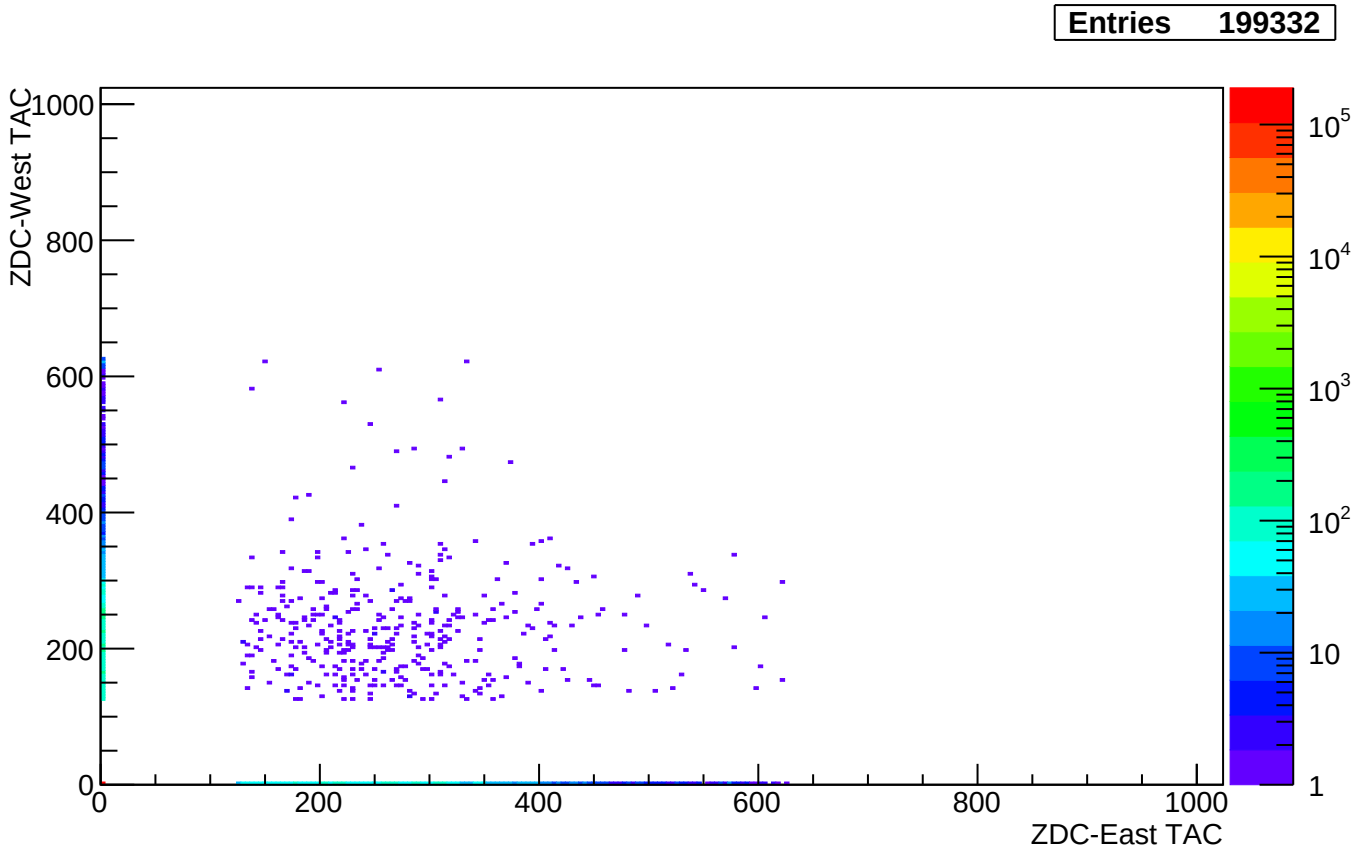

Entries 199332
TOF-Mult
VPD-East ADC Sum

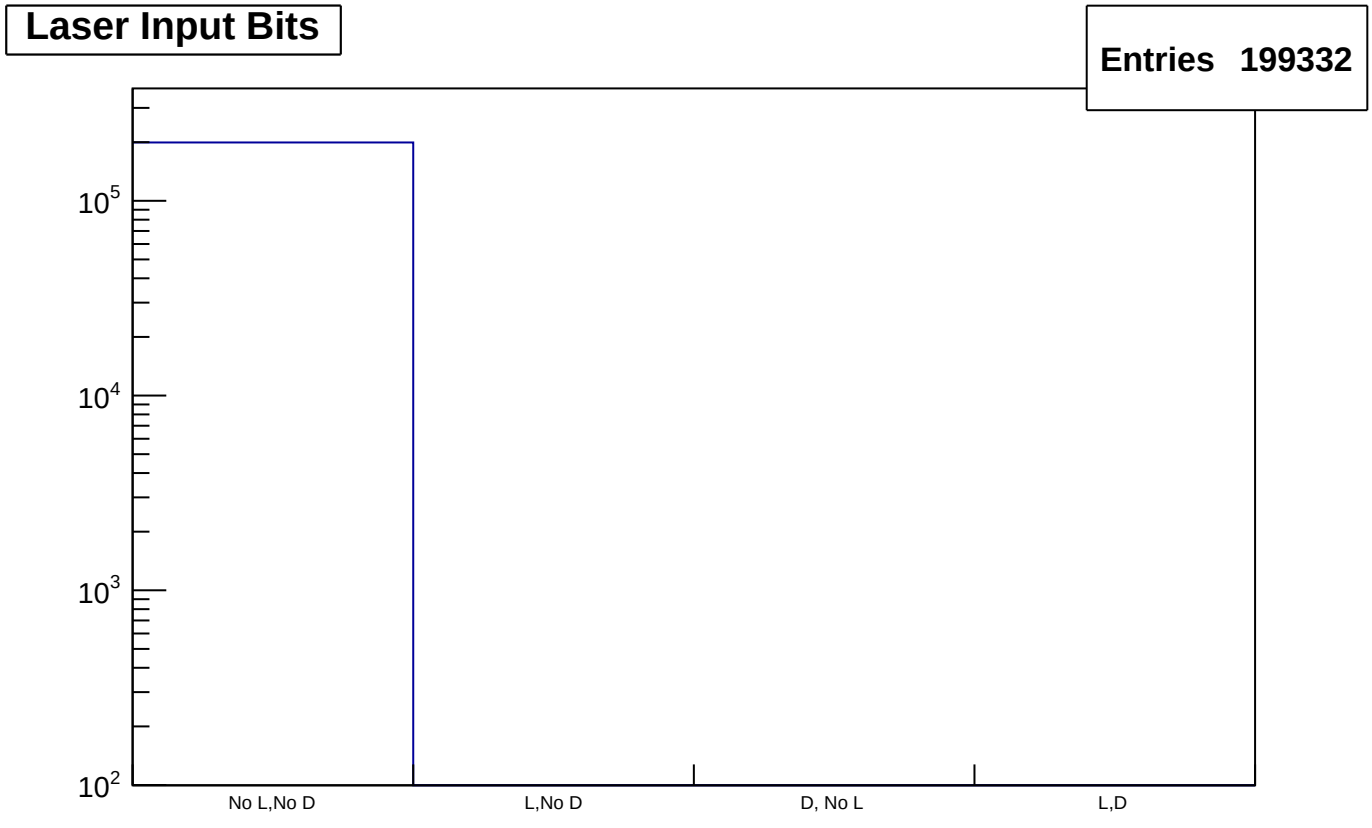

Entries 199332
TOF-Mult
VPD-West ADC Sum

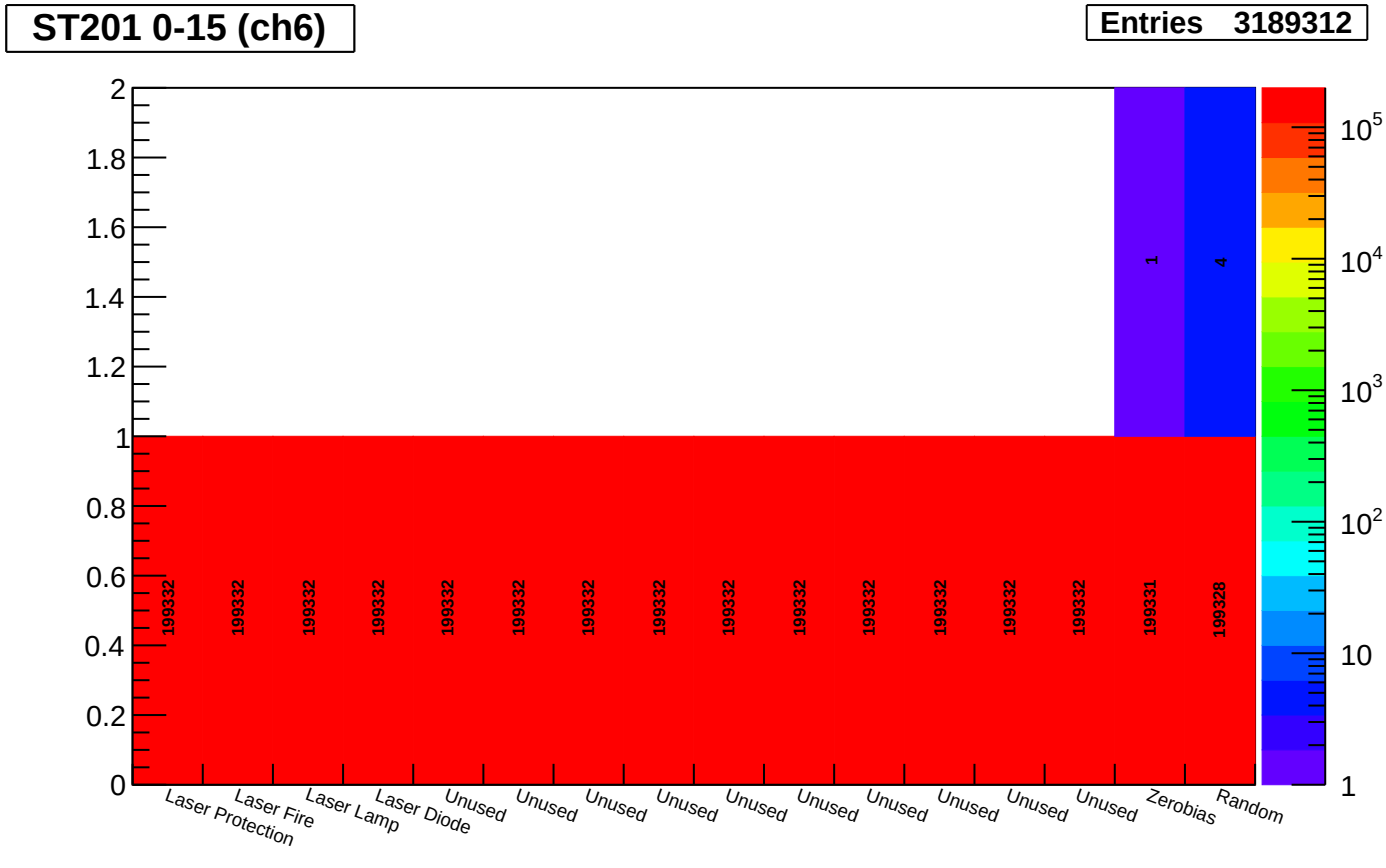

Entries 199332
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

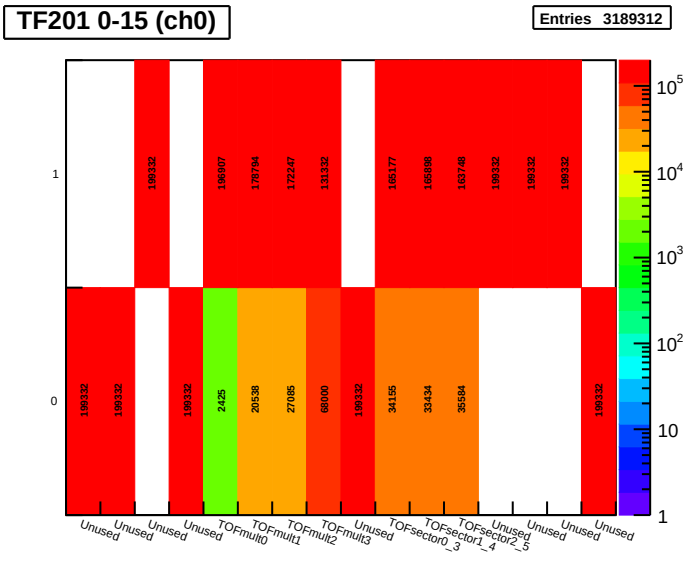

Entries 199332
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

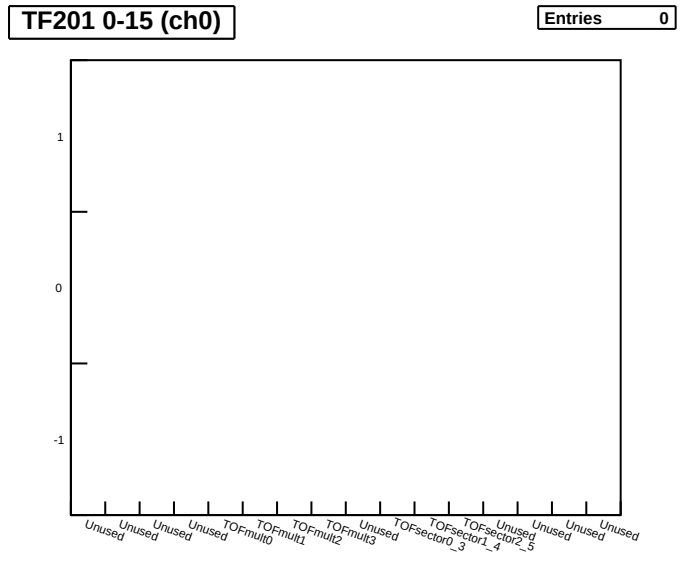

Entries 199332
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

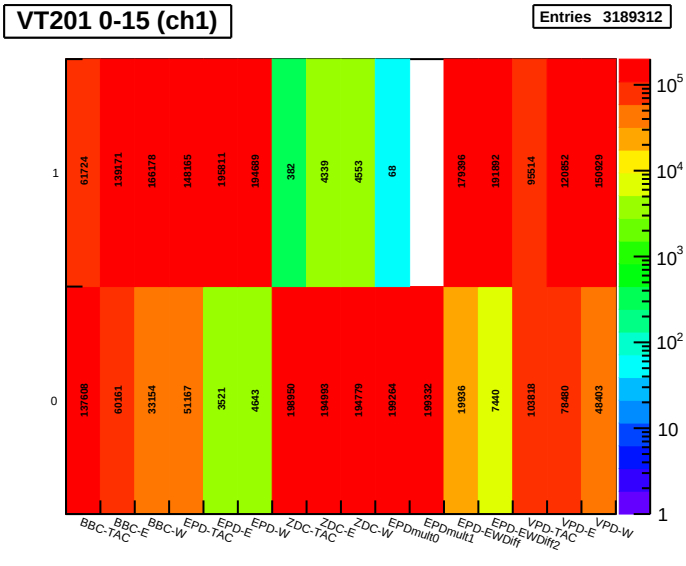

Entries 199332
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

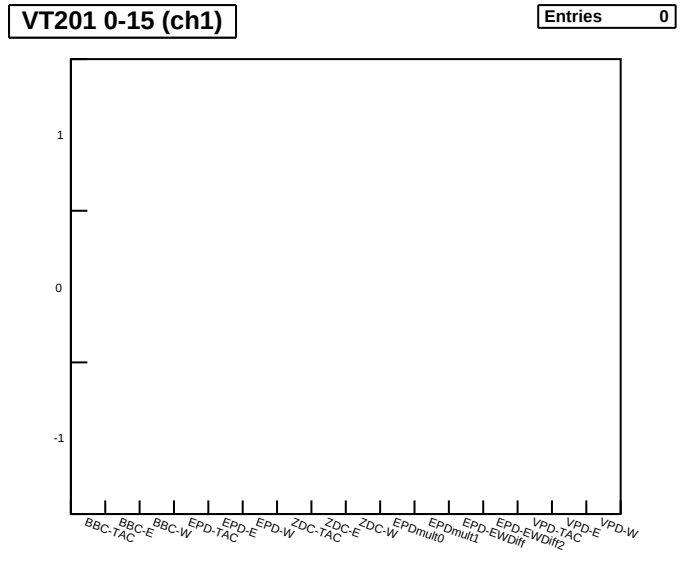

Laser Input Bits
Entries 199332
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

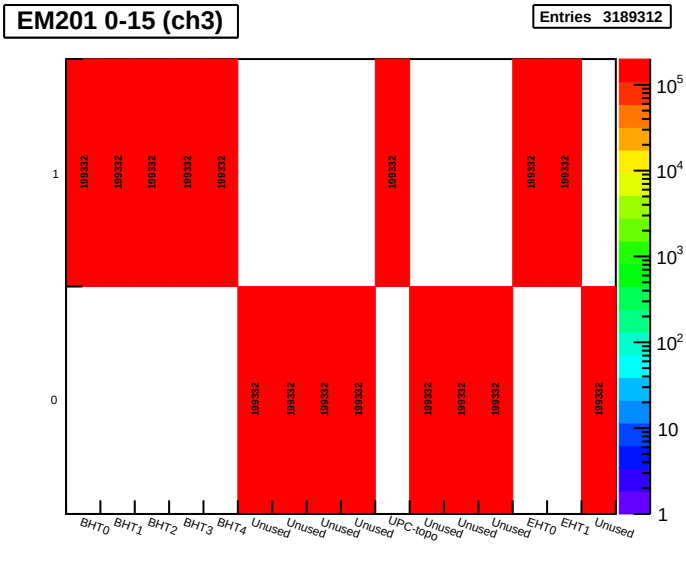

ST201 0-15 (ch6)
Entries 3189312
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
199332
199332
199332
199332
199332
199332
199332
199332
199332
199332
199332
199332
199332
199332
199331
199328
1
4
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

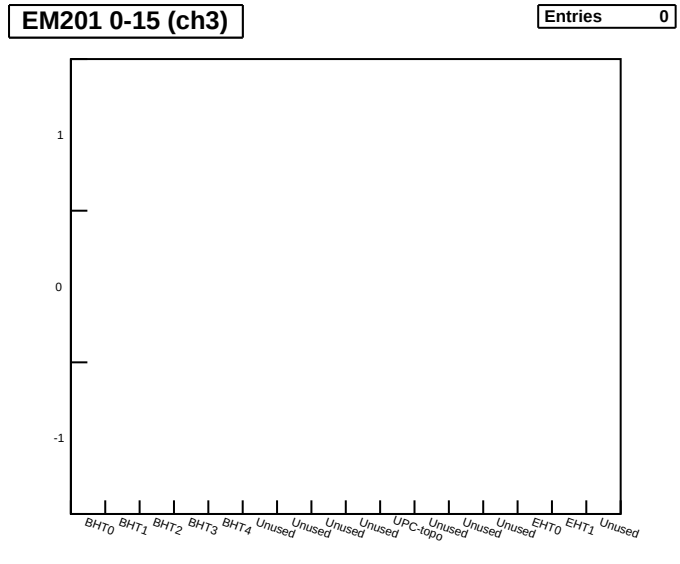

TF201 0-15 (ch0)
Entries 3189312
1
0
199332
199332
199332
199332
199332
186907
178794
172247
131332
165177
165898
163748
199332
199332
199332
2425
20538
27085
68000
34155
33434
35584
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 3189312
1
0
61724
139171
166178
148165
196811
194689
382
4339
4553
68
179396
191892
95514
120852
150929
137608
60161
33154
51167
3521
4643
198950
194993
194779
199264
199332
19936
7440
103818
78480
48403
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 3189312
1
0
199332
199332
199332
199332
199332
199332
199332
199332
199332
199332
199332
199332
199332
199332
199332
199332
199332
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