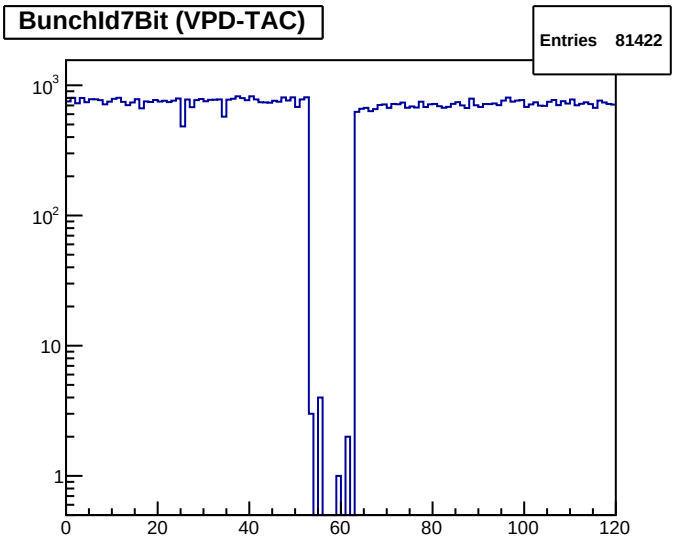
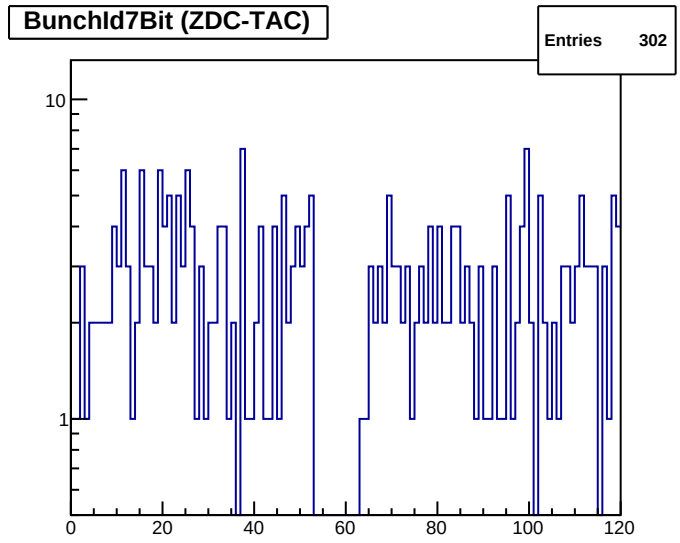
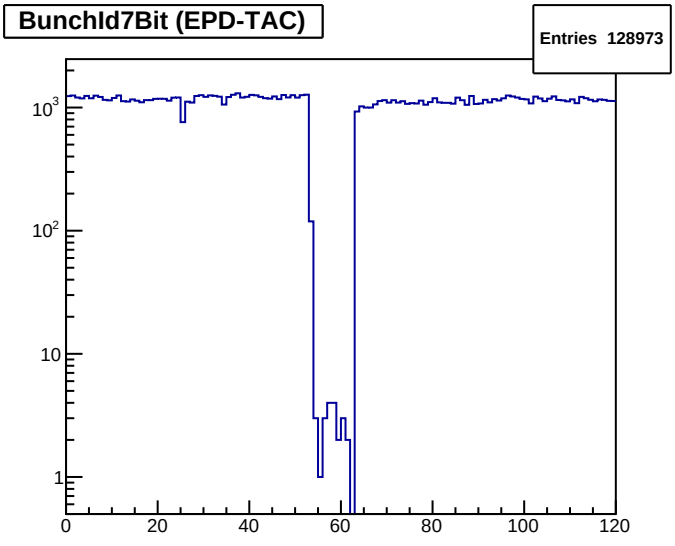
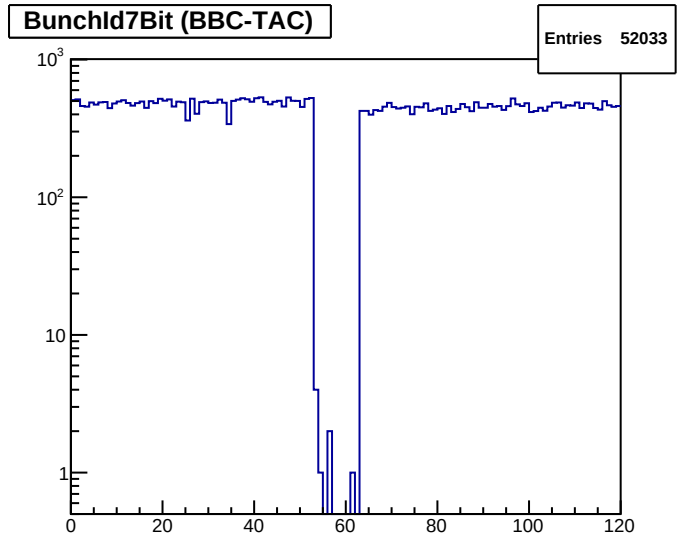
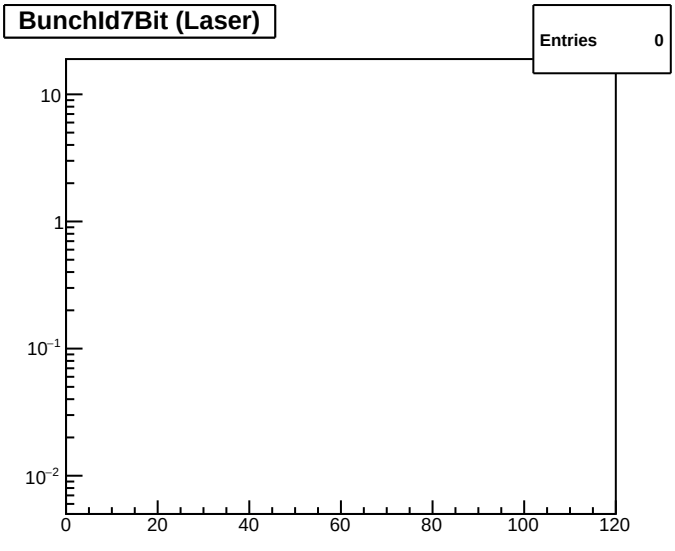
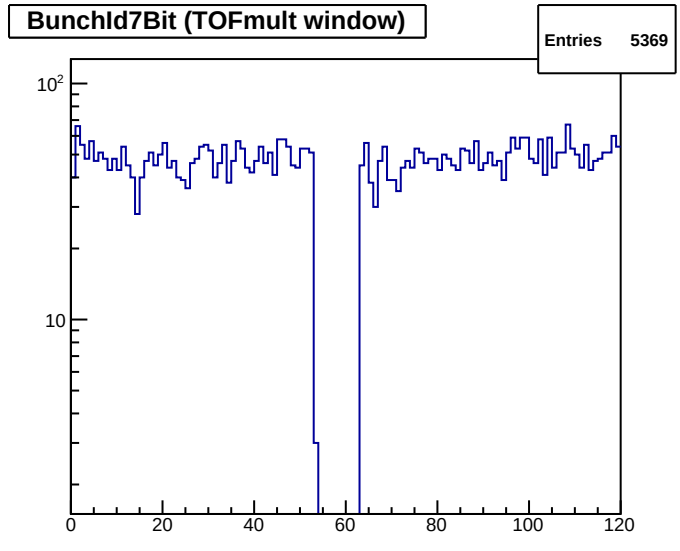

BunchId7Bit (VPD-TAC)
Entries 81422

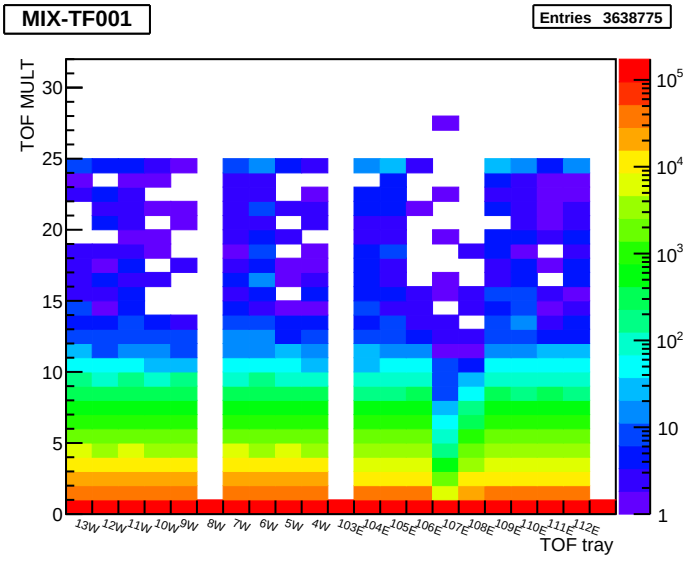

BunchId7Bit (ZDC-TAC)
Entries 302

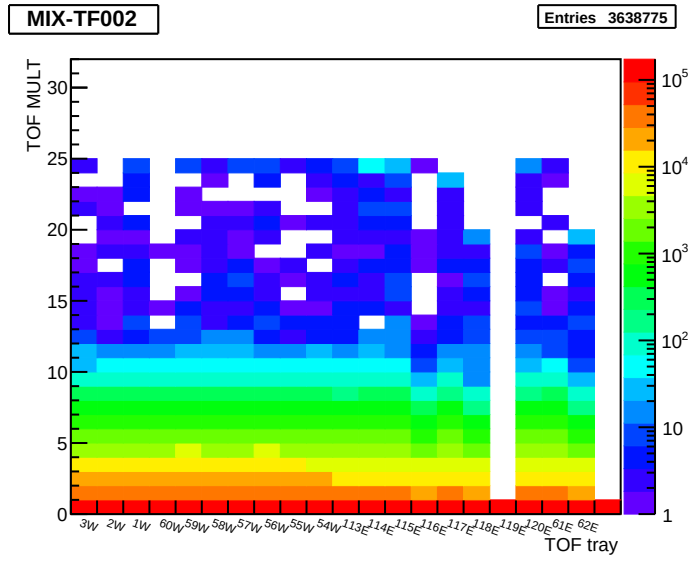

BunchId7Bit (EPD-TAC)
Entries 128973

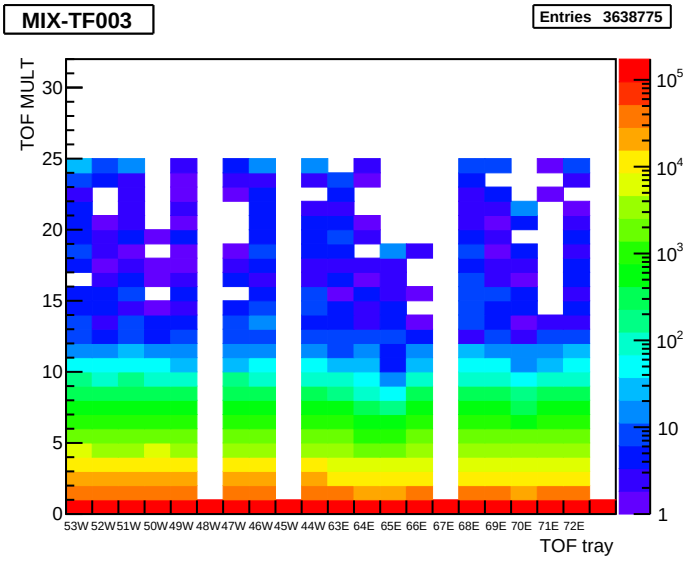

BunchId7Bit (BBC-TAC)
Entries 52033

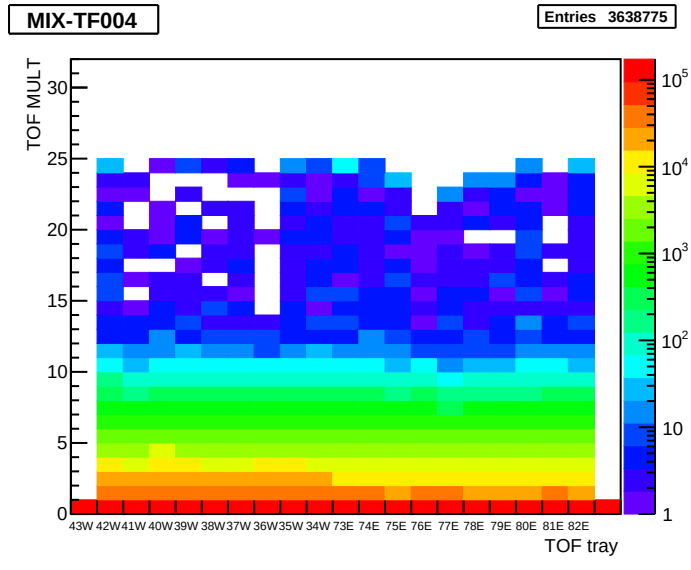

BunchId7Bit (Laser)
Entries 0

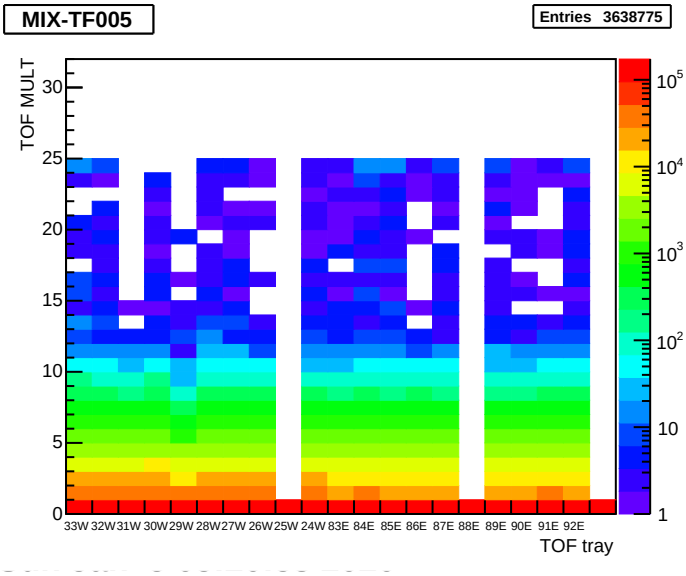

BunchId7Bit (TOFmult window)
Entries 5369

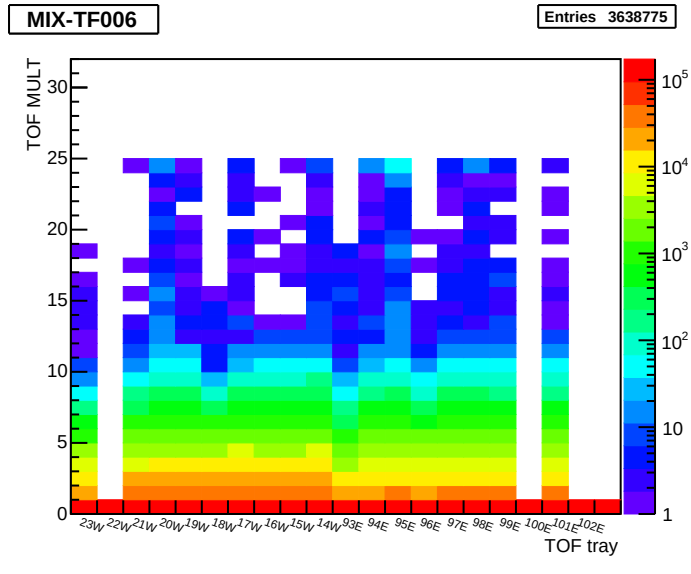

MIX-TF001
Entries 3638775
TOF MULT
TOF tray

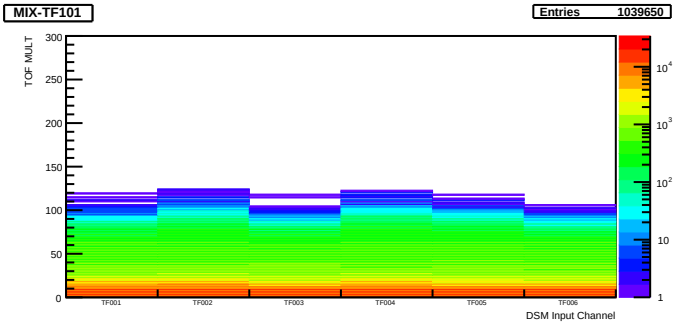

MIX-TF002
Entries 3638775
TOF MULT
TOF tray

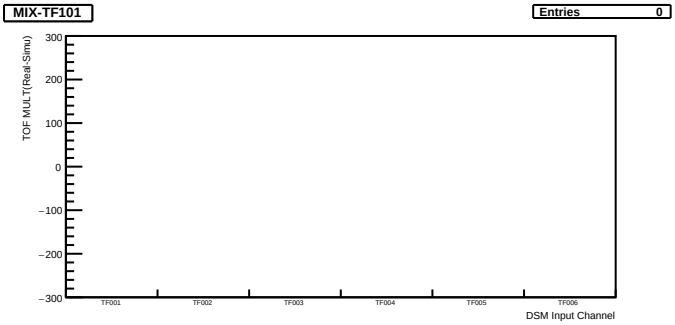

MIX-TF003
Entries 3638775
TOF MULT
TOF tray

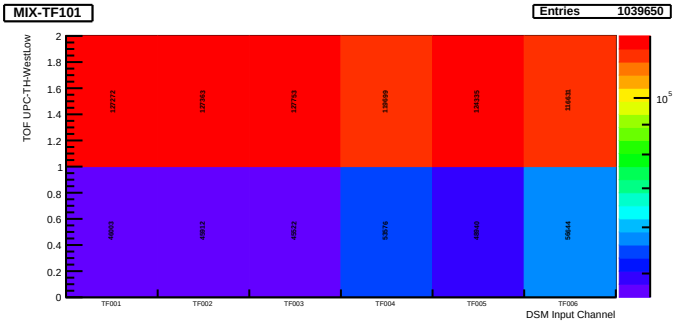

MIX-TF004
Entries 3638775
TOF MULT
TOF tray

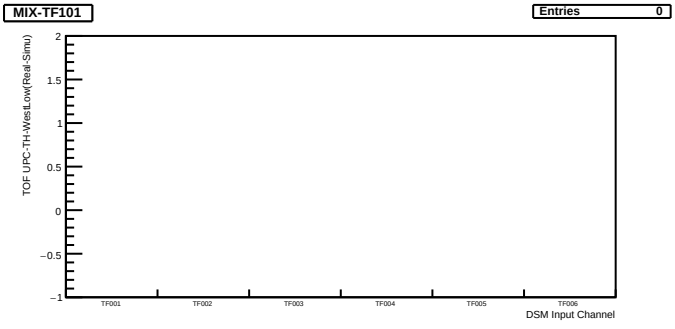

MIX-TF005
Entries 3638775
TOF MULT
TOF tray

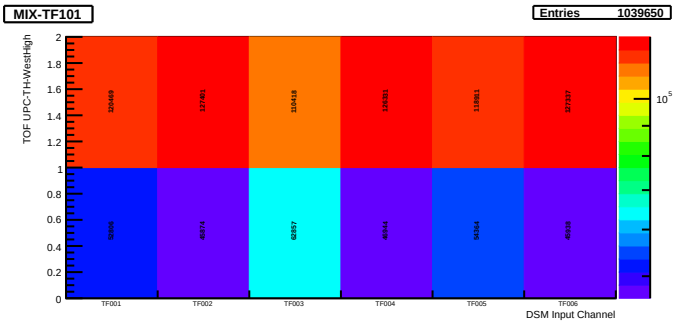

MIX-TF006
Entries 3638775
TOF MULT
TOF tray

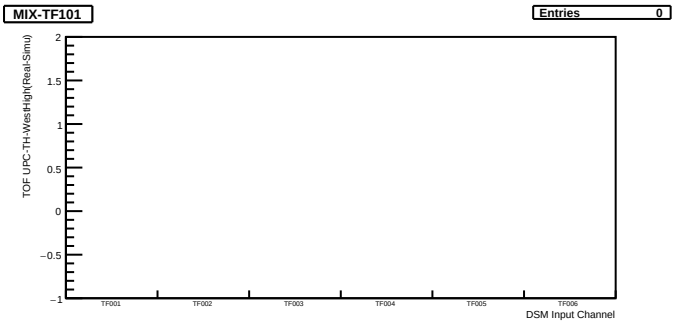

MIX-TF101
Entries 1039650
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

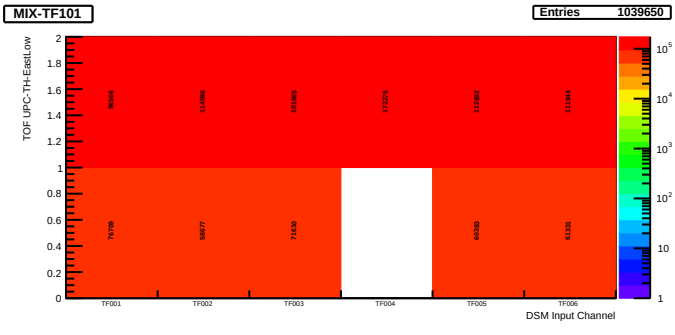

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

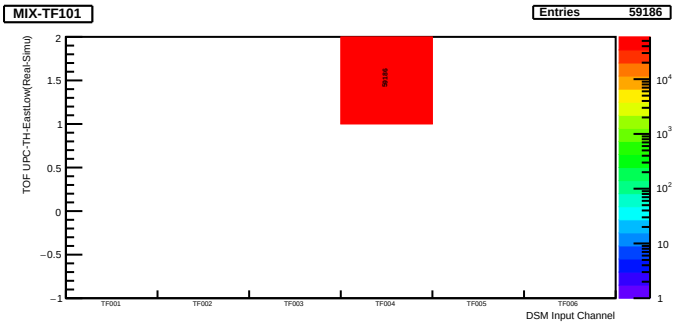

MIX-TF101
Entries 1039650
TOF UPC-TH-WestLow
122772
127563
127753
139699
134235
116631
46003
46912
45522
53576
45840
59644
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

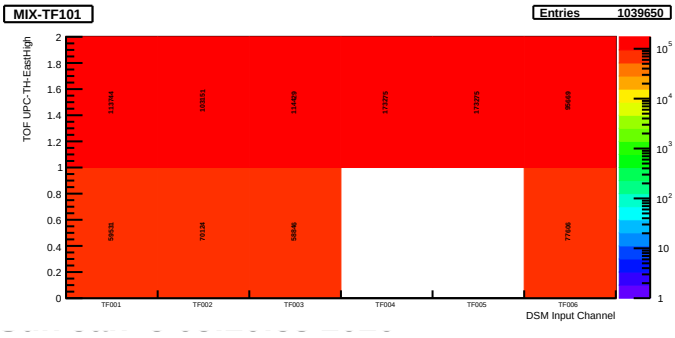

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

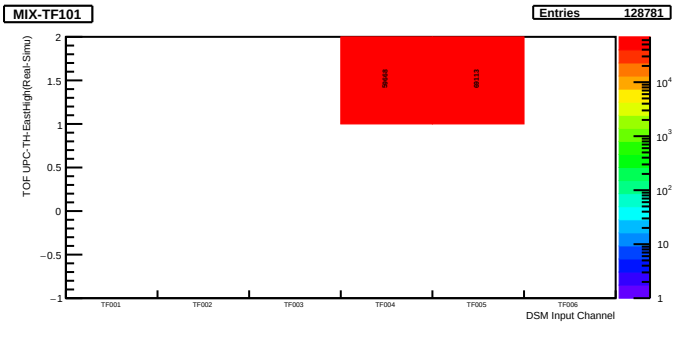

MIX-TF101
Entries 1039650
TOF UPC-TH-WestHigh
120469
127401
110418
126331
118811
127337
52868
45374
62857
46944
54364
45938
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

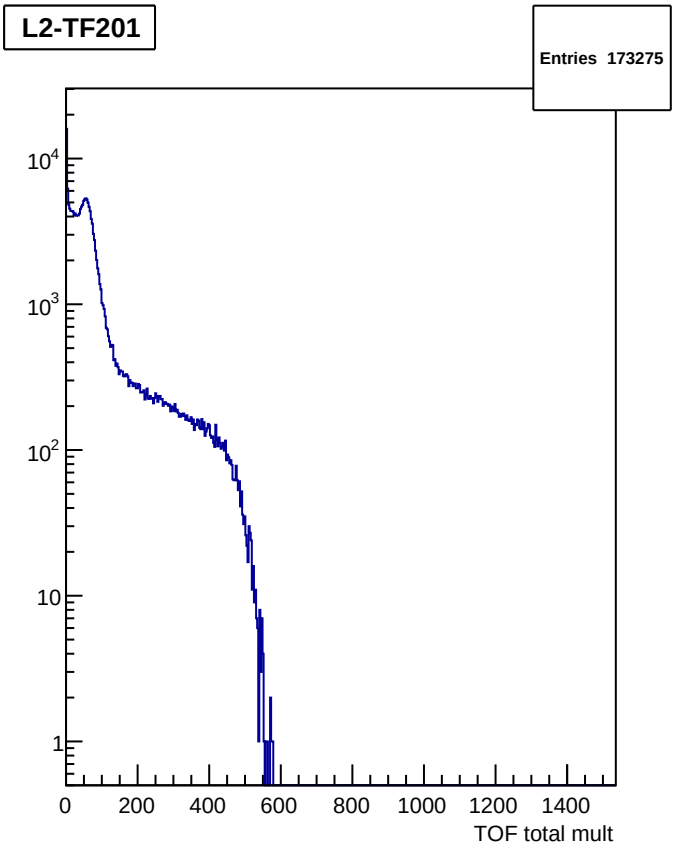

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

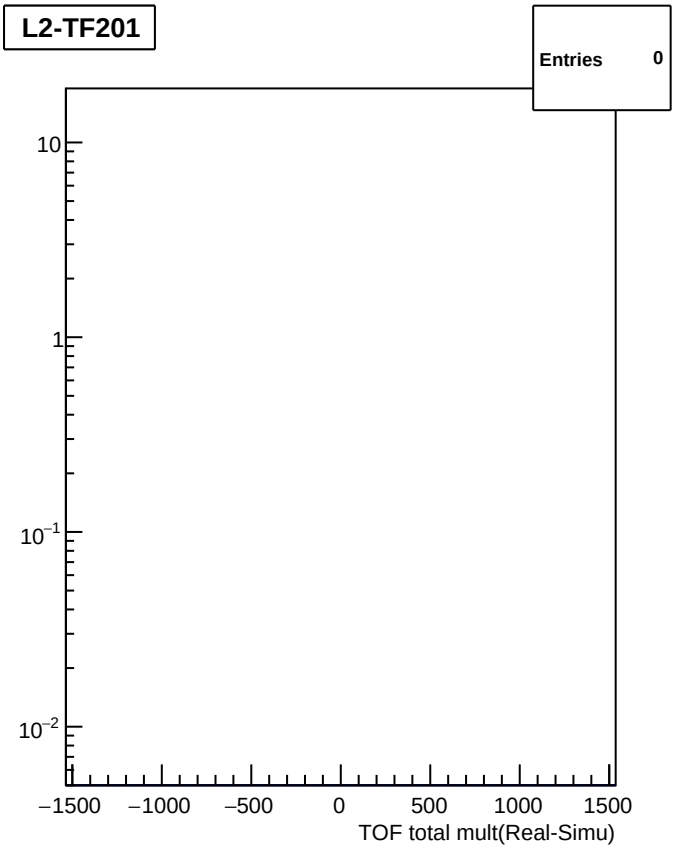

MIX-TF101
Entries 1039650
TOF UPC-TH-EastLow
95546
114088
103465
172275
112882
111944
76709
58677
71630
60383
61131
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

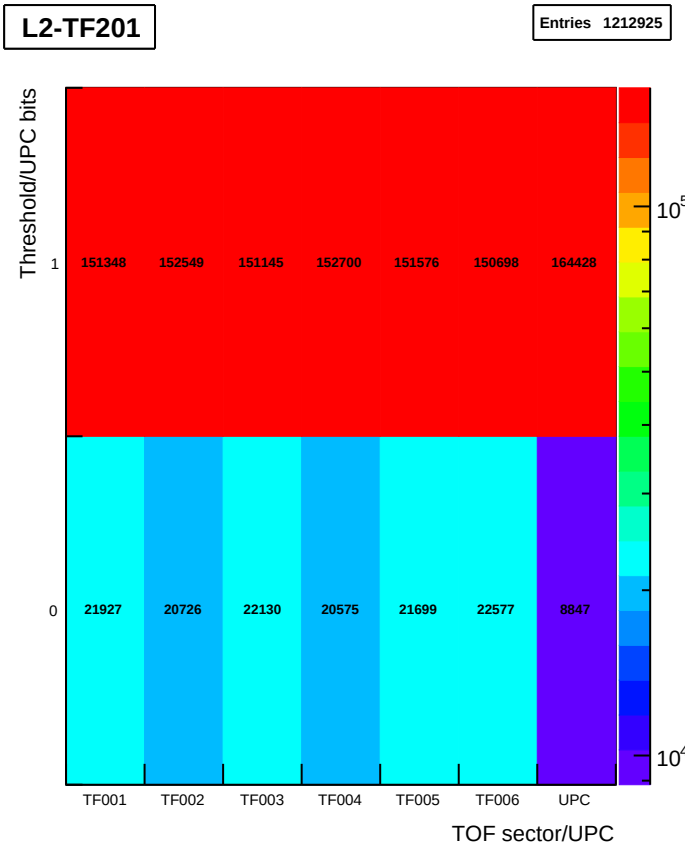

MIX-TF101
Entries 59186
TOF UPC-TH-EastLow(Real-Simu)
59186
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

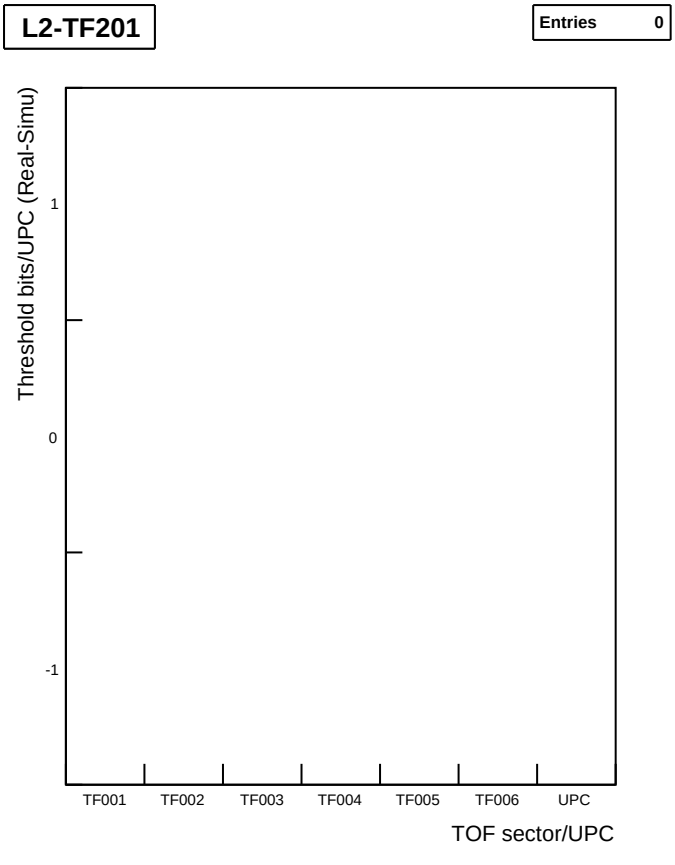

MIX-TF101
Entries 1039650
TOF UPC-TH-EastHigh
113744
103151
114429
172275
172275
95469
59531
76134
58846
77606
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

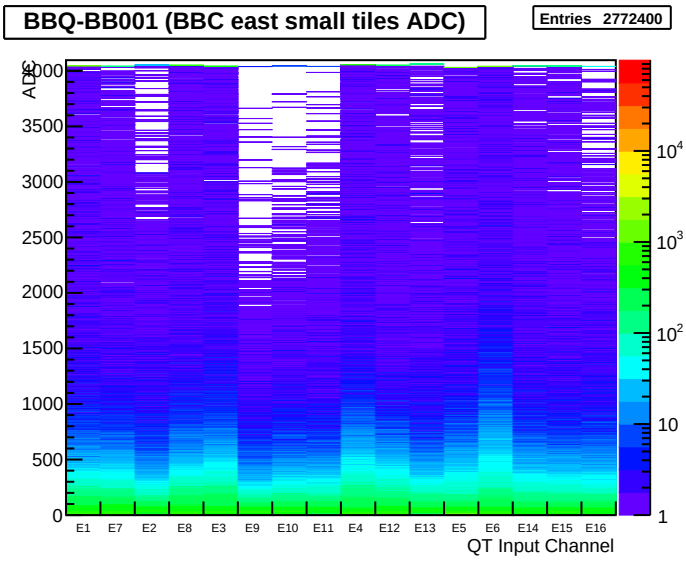

MIX-TF101
Entries 128781
TOF UPC-TH-EastHigh(Real-Simu)
36618
68113
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

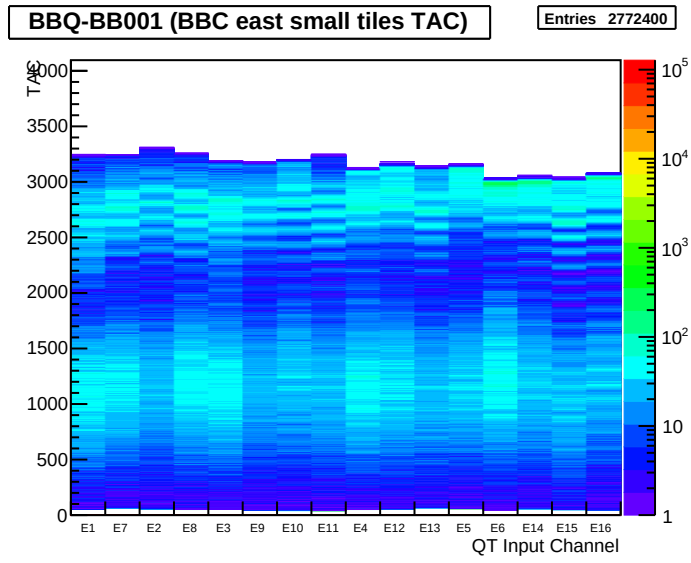

L2-TF201
Entries 173275
TOF total mult

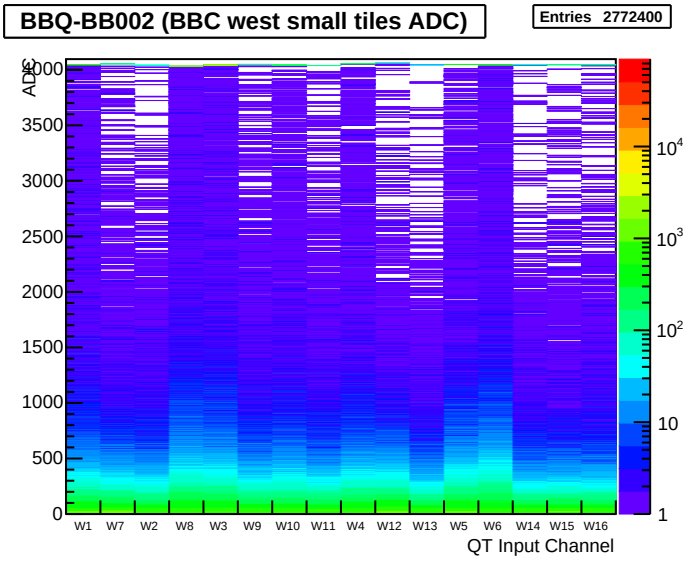

L2-TF201
Entries 0
TOF total mult(Real-Simu)

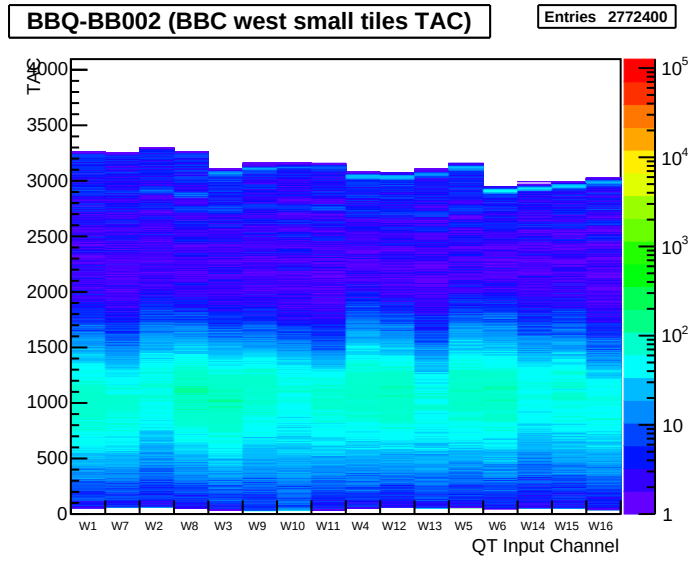

L2-TF201
Entries 1212925
Threshold/UPC bits
151348
152549
151145
152700
151576
150698
164428
21927
20726
22130
20575
21699
22577
8847
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

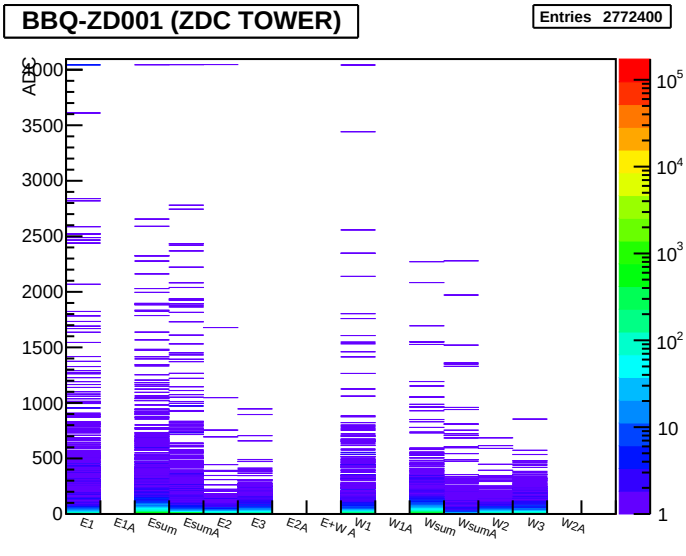

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

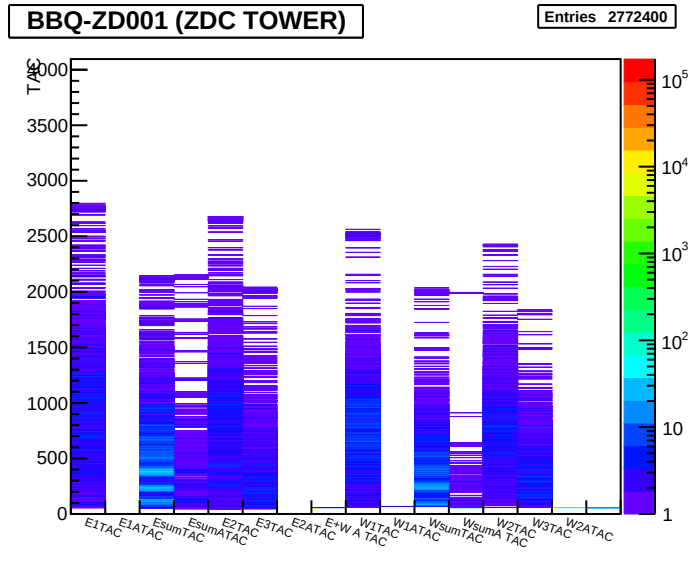

BBQ-BB001 (BBC east small tiles ADC)
Entries 2772400
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

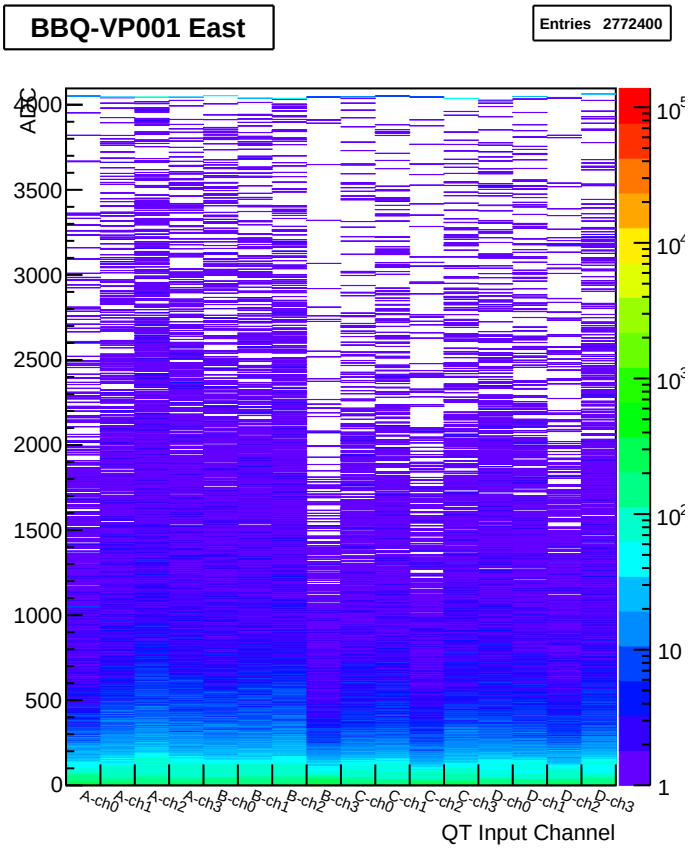

BBQ-BB001 (BBC east small tiles TAC)
Entries 2772400
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

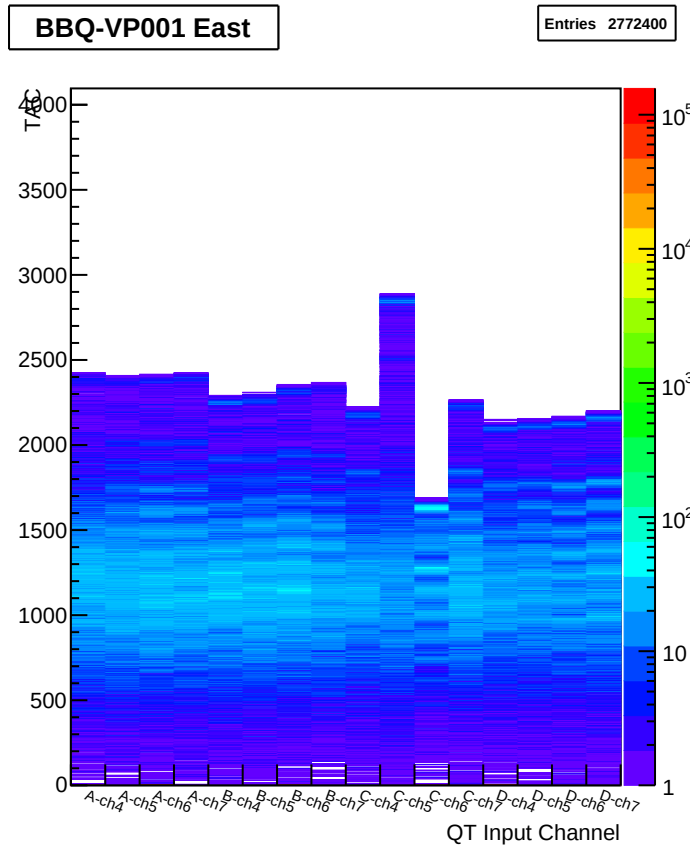

BBQ-BB002 (BBC west small tiles ADC)
Entries 2772400
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

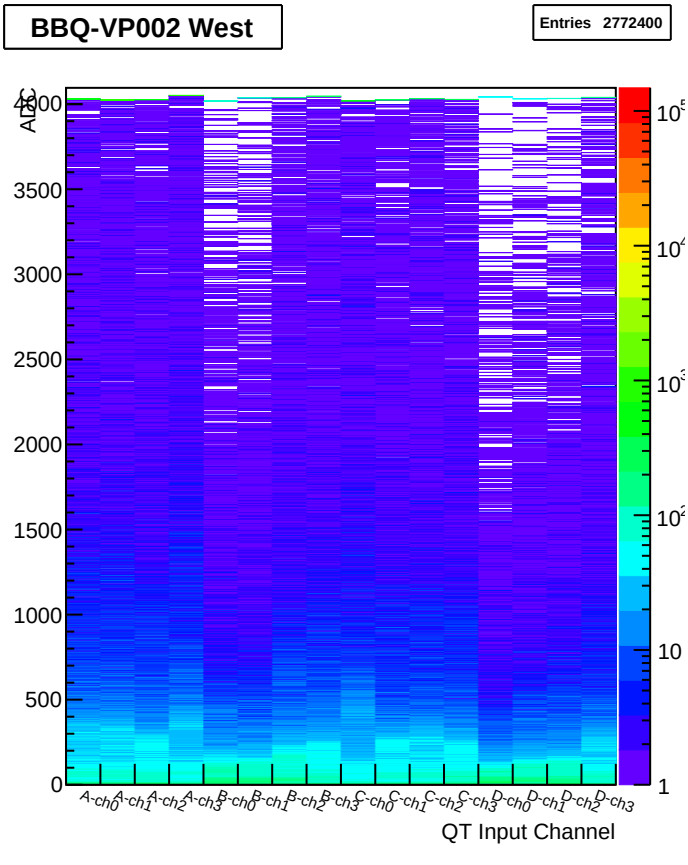

BBQ-BB002 (BBC west small tiles TAC)
Entries 2772400
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

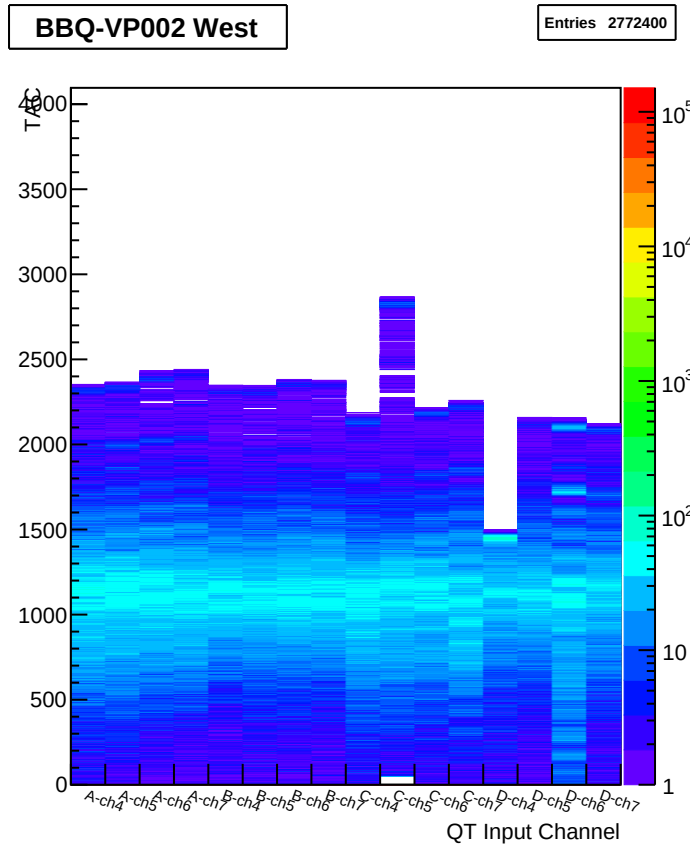

BBQ-ZD001 (ZDC TOWER)
Entries 2772400
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

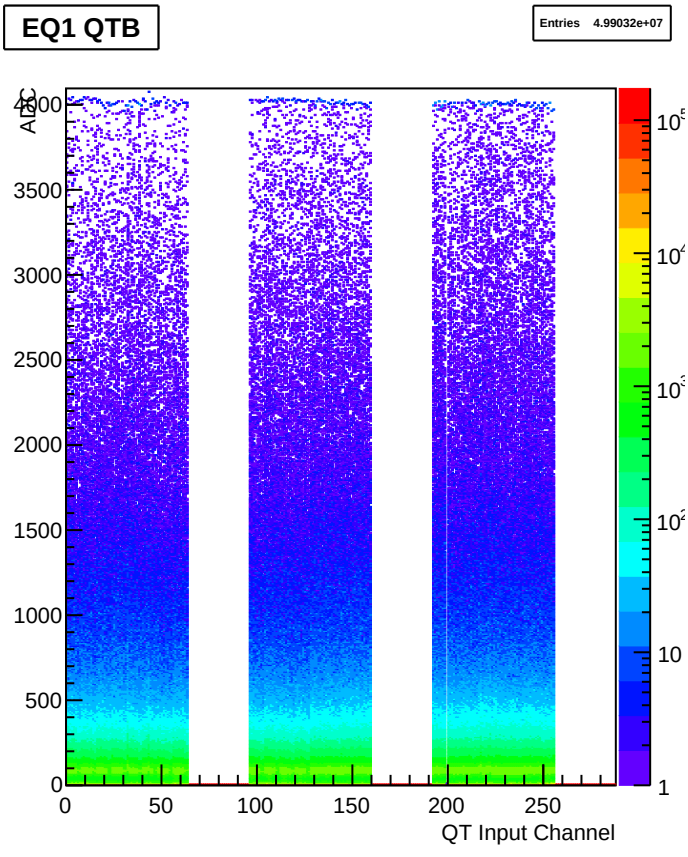

BBQ-ZD001 (ZDC TOWER)
Entries 2772400
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

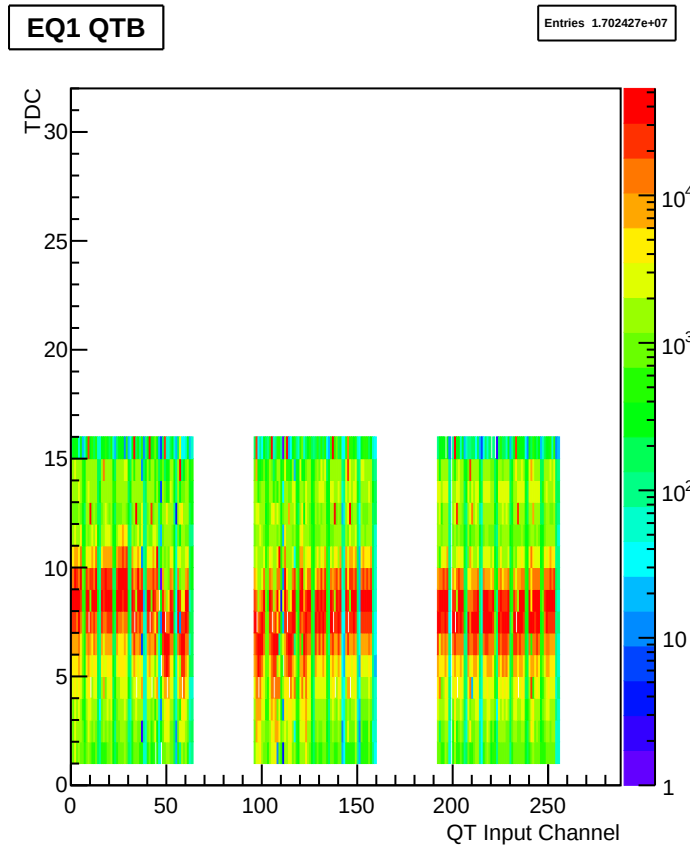

BBQ-VP001 East
Entries 2772400
ADC
QT Input Channel

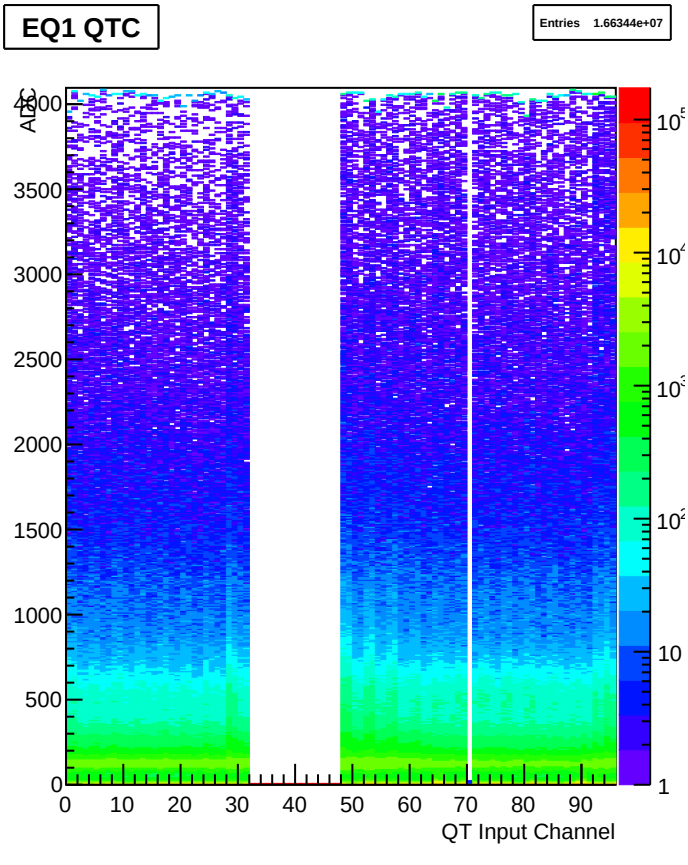

BBQ-VP001 East
Entries 2772400
TADC
QT Input Channel

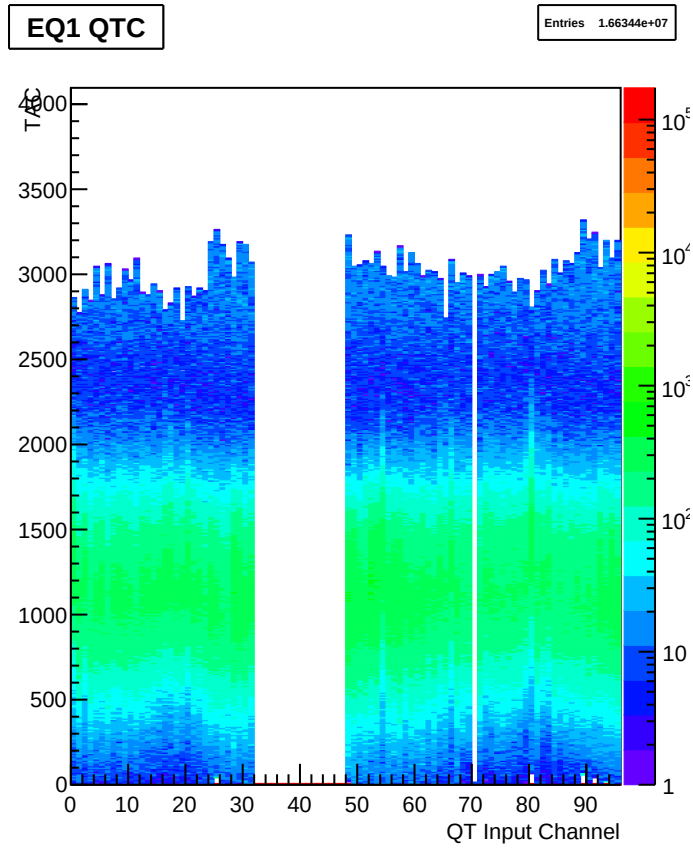

BBQ-VP002 West
Entries 2772400
ADC
QT Input Channel

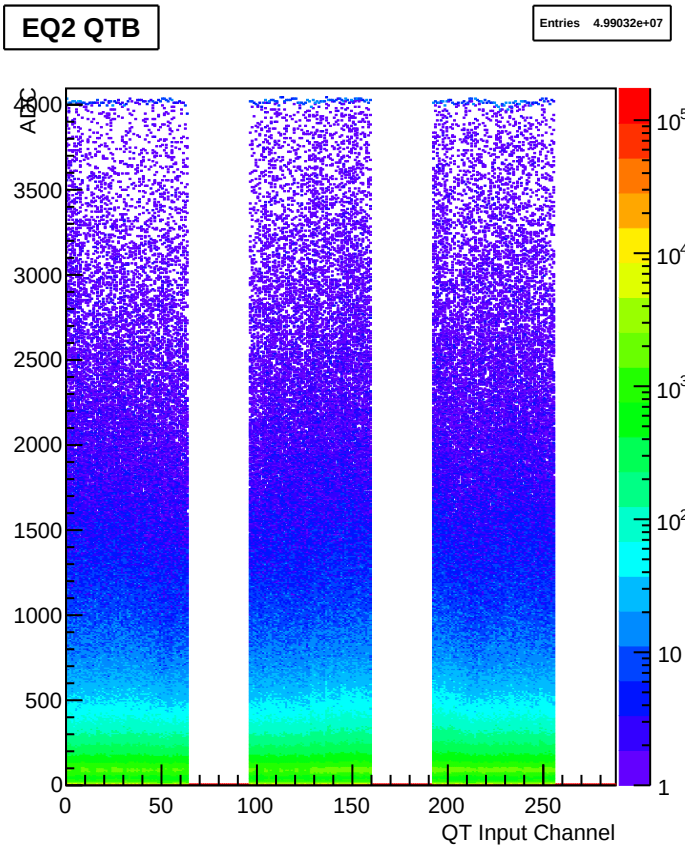

BBQ-VP002 West
Entries 2772400
TADC
QT Input Channel

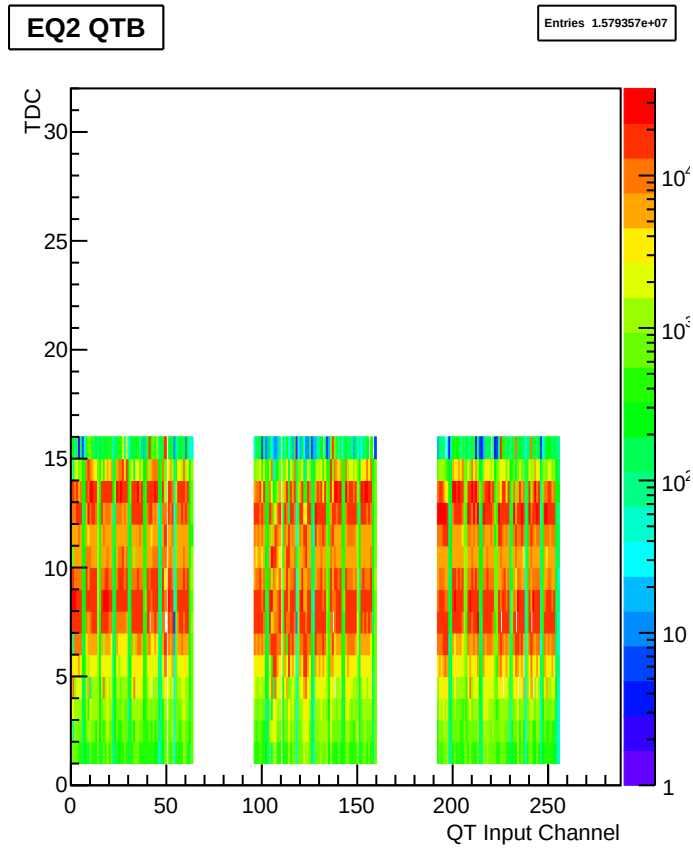

EQ1 QTB
Entries 4.99032e+07
ADC
QT Input Channel

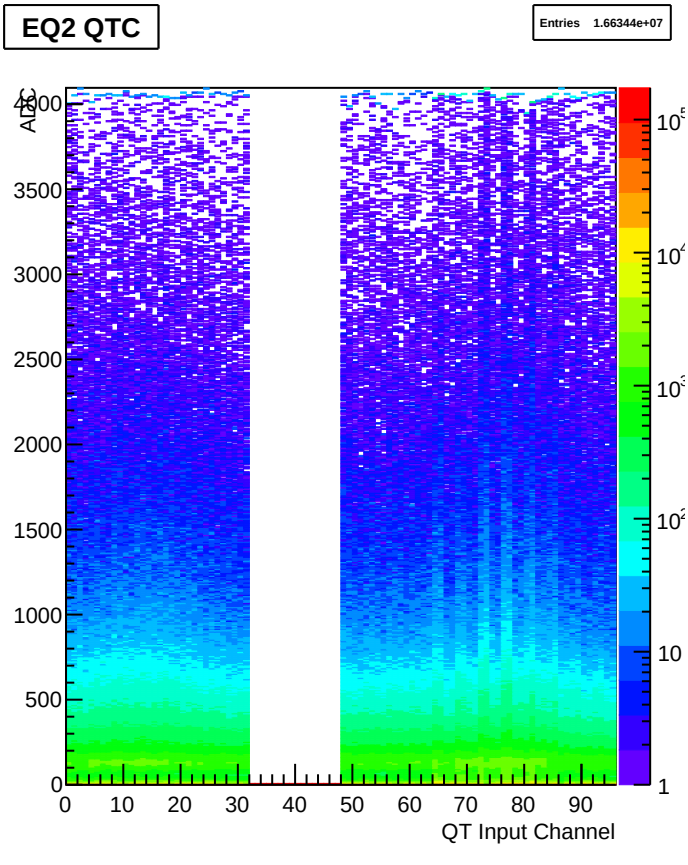

EQ1 QTB
Entries 1.702427e+07
TDC
QT Input Channel

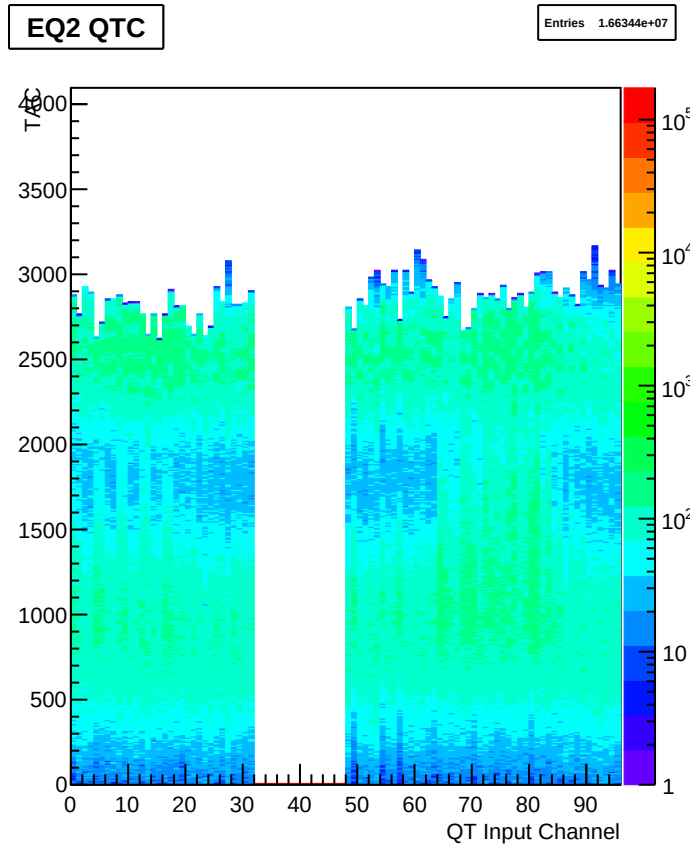

EQ1 QTC
Entries 1.66344e+07
ADC
QT Input Channel

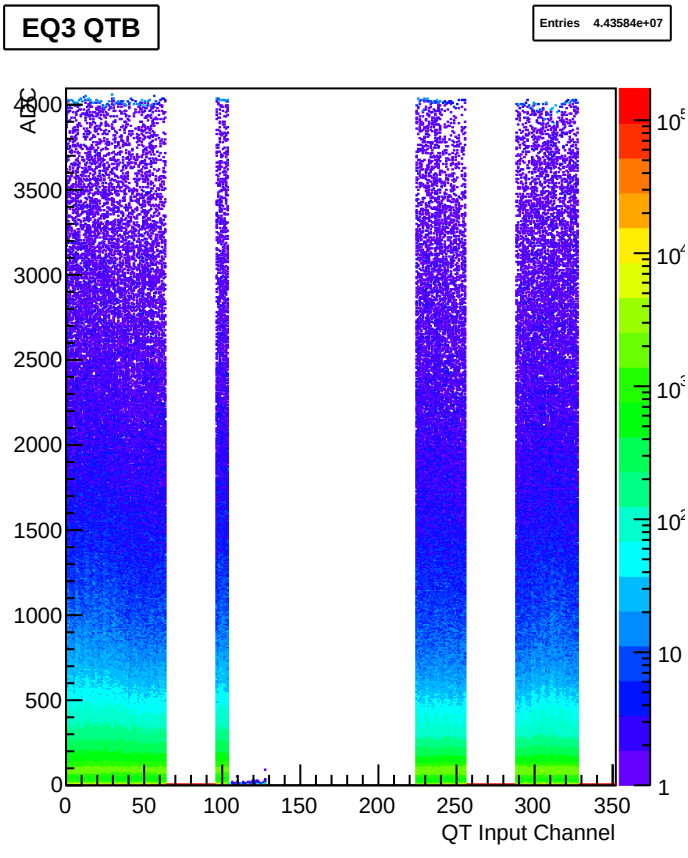

EQ1 QTC
Entries 1.66344e+07
TADC
QT Input Channel

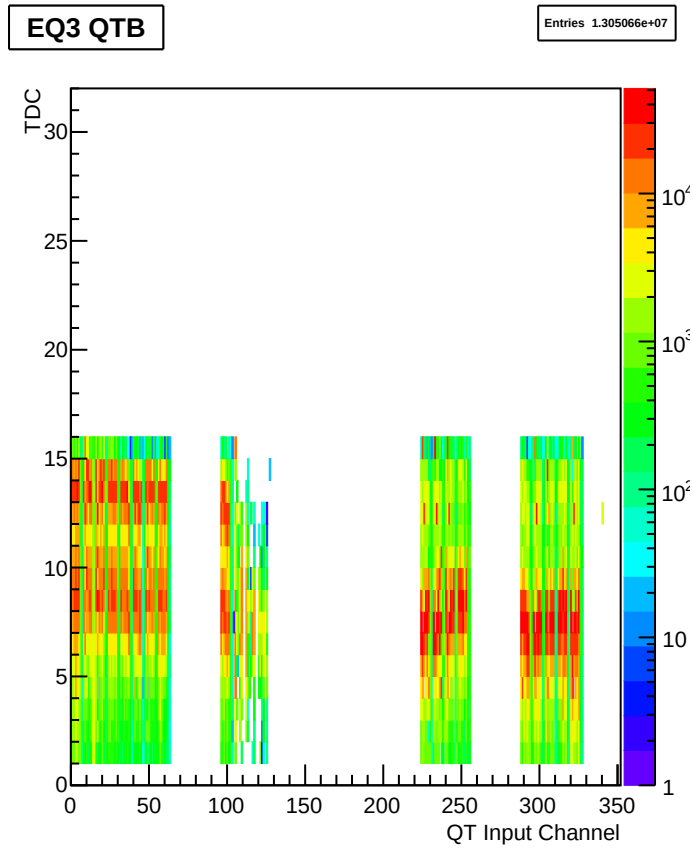

EQ2 QTB
Entries 4.99032e+07
ADC
QT Input Channel

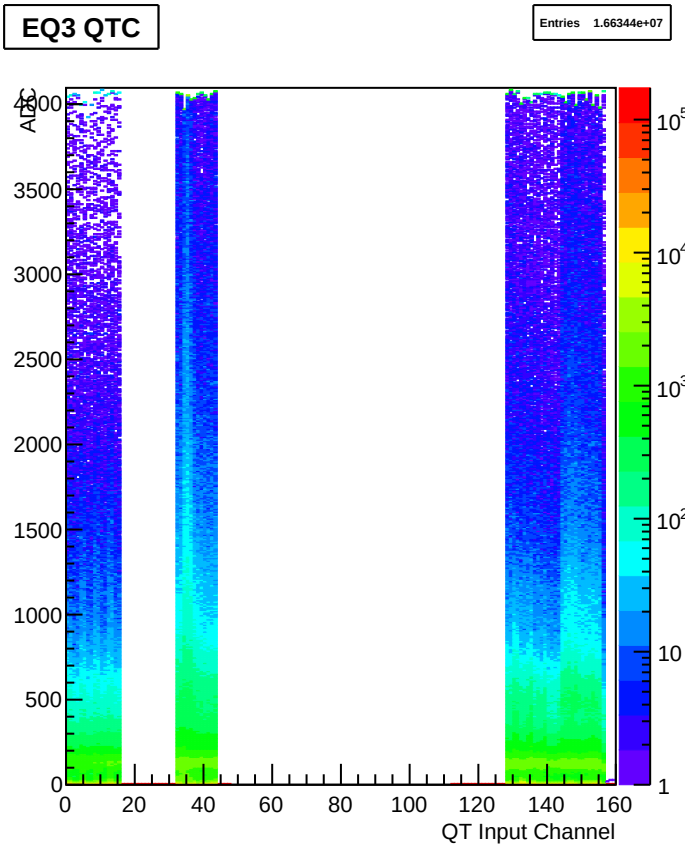

EQ2 QTB
Entries 1.579357e+07
TDC
QT Input Channel

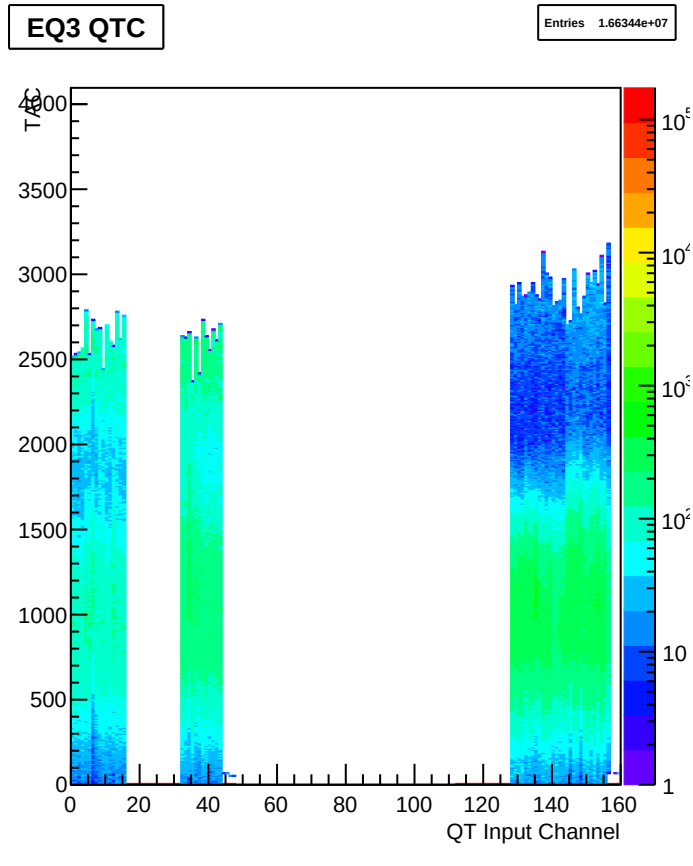

EQ2 QTC
Entries 1.66344e+07
ADC
QT Input Channel

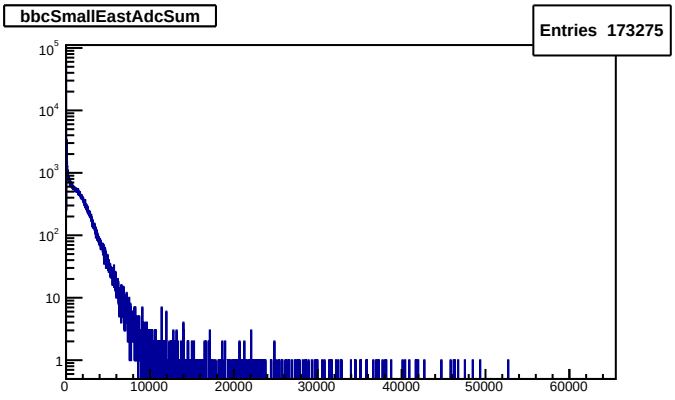

EQ2 QTC
Entries 1.66344e+07
TADC
QT Input Channel

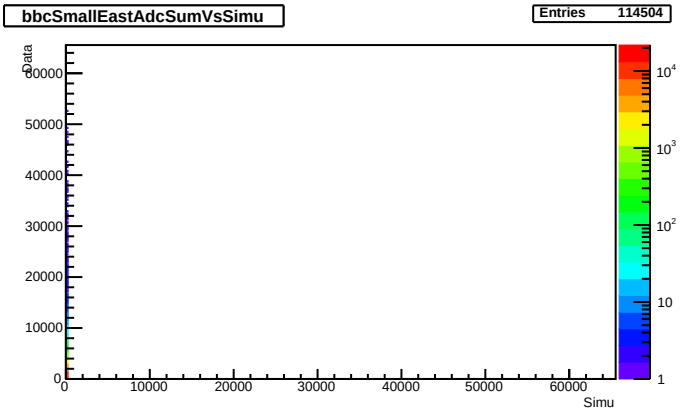

EQ3 QTB
Entries 4.43584e+07
ADC
QT Input Channel

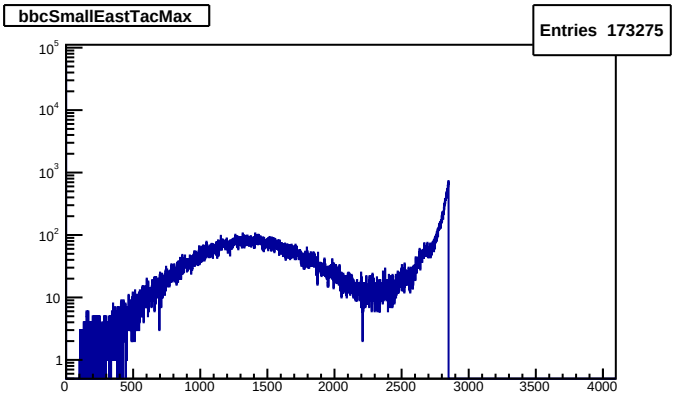

EQ3 QTB
Entries 1.305066e+07
TDC
QT Input Channel

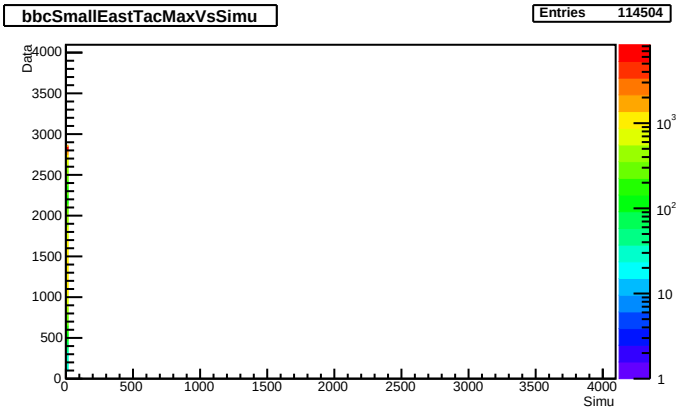

EQ3 QTC
Entries 1.66344e+07
ADC
QT Input Channel

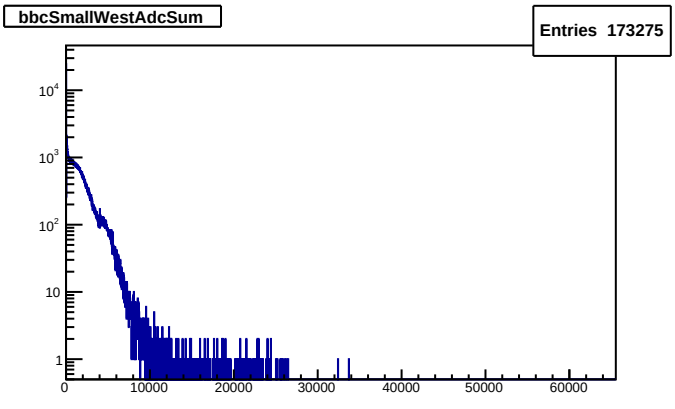

EQ3 QTC
Entries 1.66344e+07
TADC
QT Input Channel

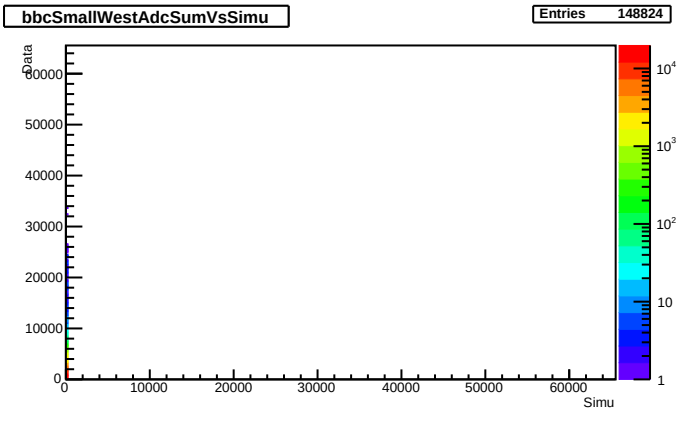

bbcSmallEastAdcSum
Entries 173275


bbcSmallEastAdcSumVsSimu
Entries 114504
Data
Simu


bbcSmallEastTacMax
Entries 173275


bbcSmallEastTacMaxVsSimu
Entries 114504
Data
Simu


bbcSmallWestAdcSum
Entries 173275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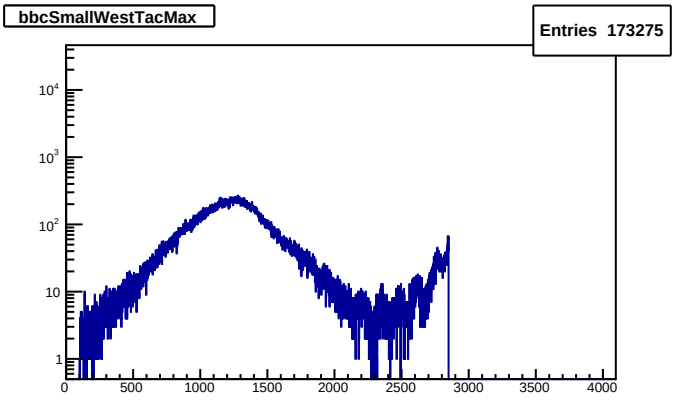
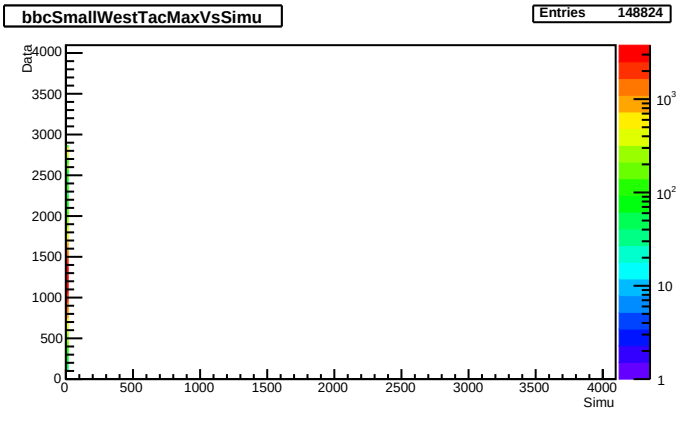
Entries 148824
Data
Simu


bbcSmallWestTacMax
Entries 173275


bbcSmallWestTacMaxVsSimu
Entries 148824
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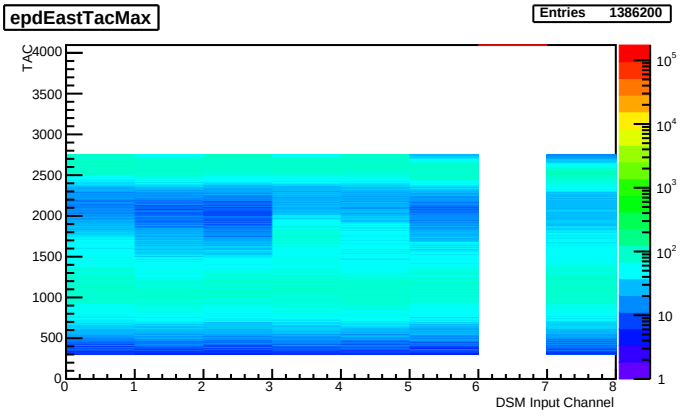
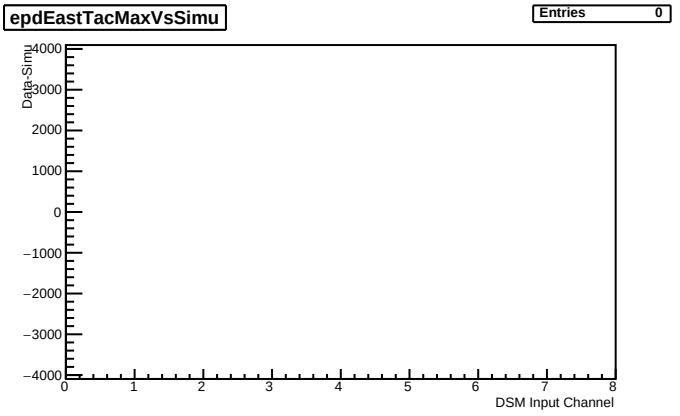
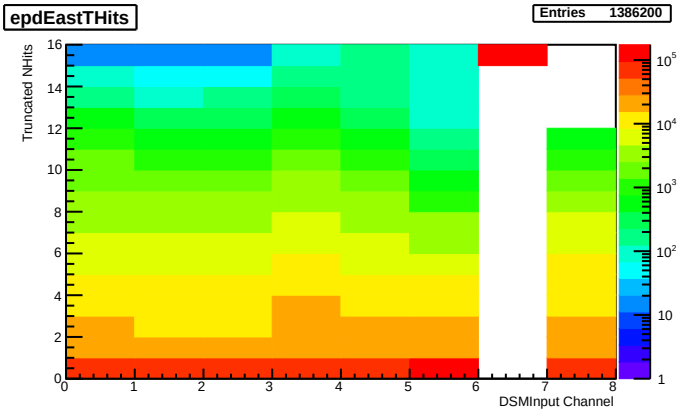
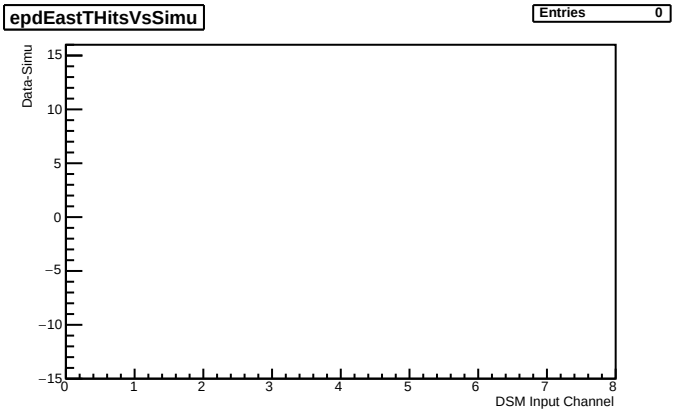
Simu


epdEastTacMax
Entries 1386200
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1386200
Truncated NHits
DSMInput Channel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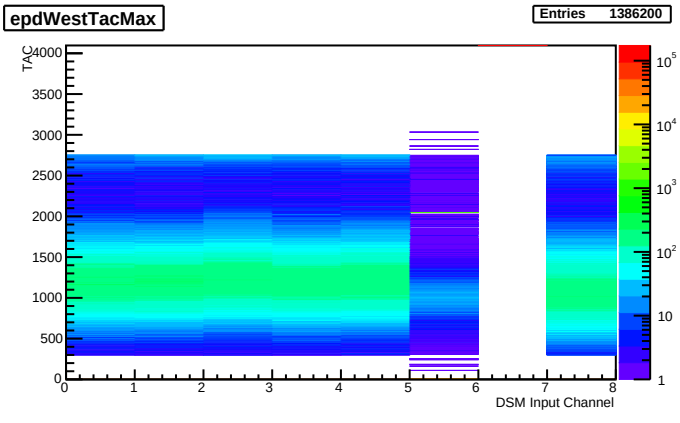
Data-Simu
DSM Input Channel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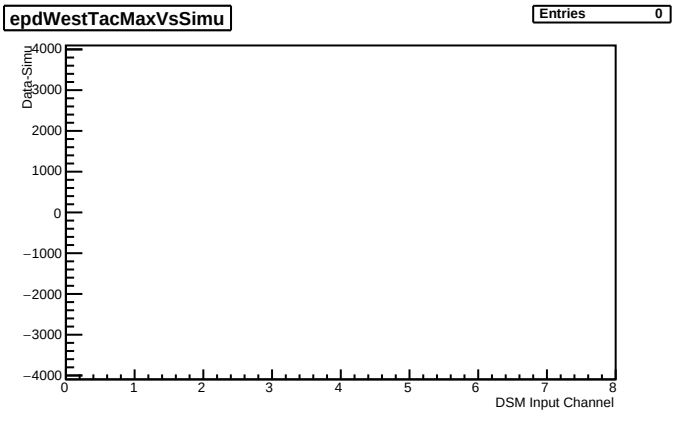
Entries 1386200
TAC
DSM Input Channel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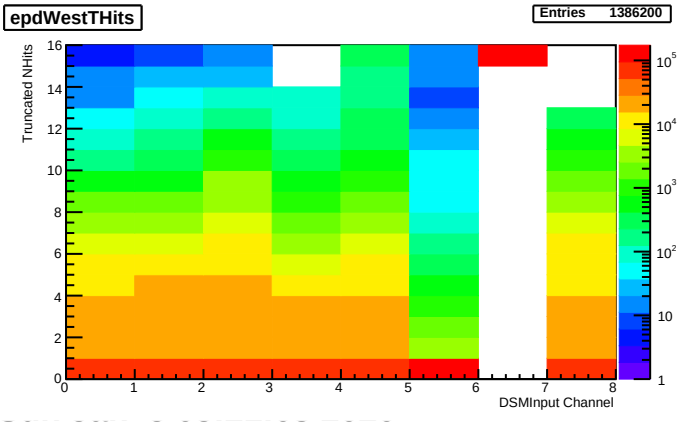
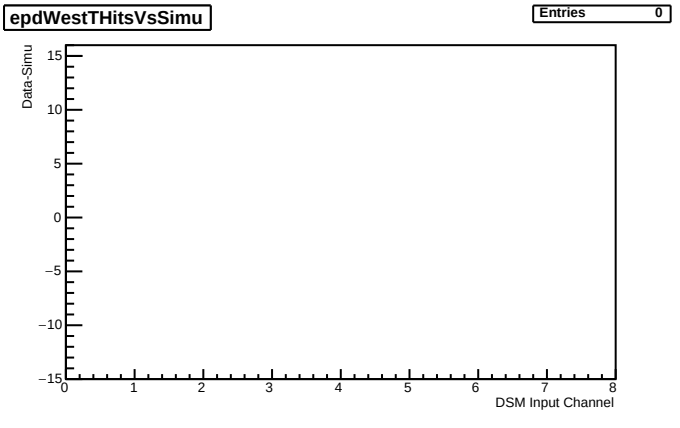
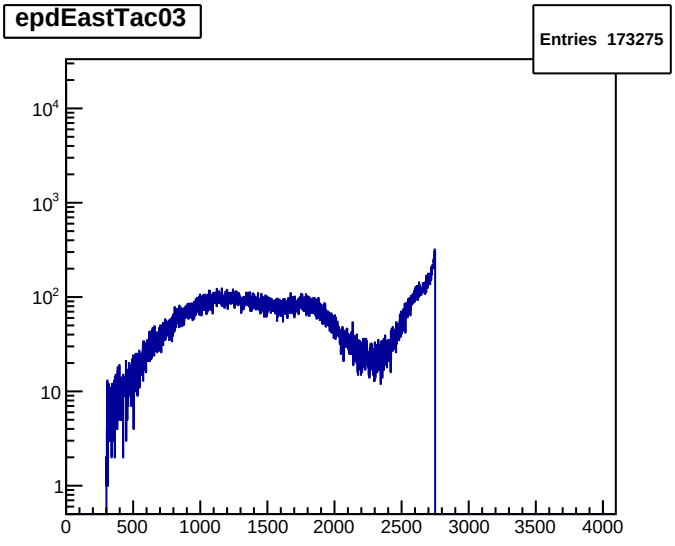
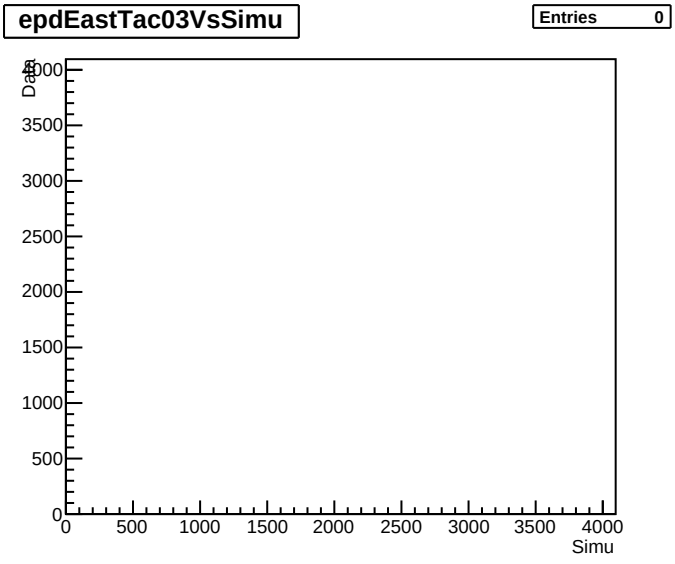
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1386200
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 173275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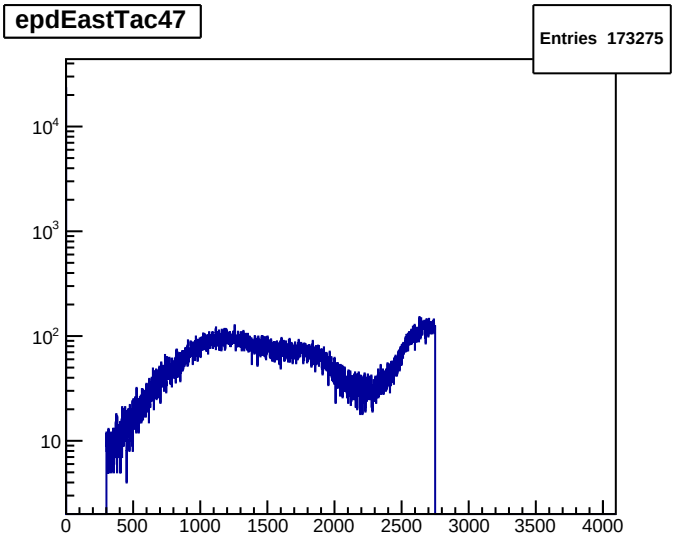
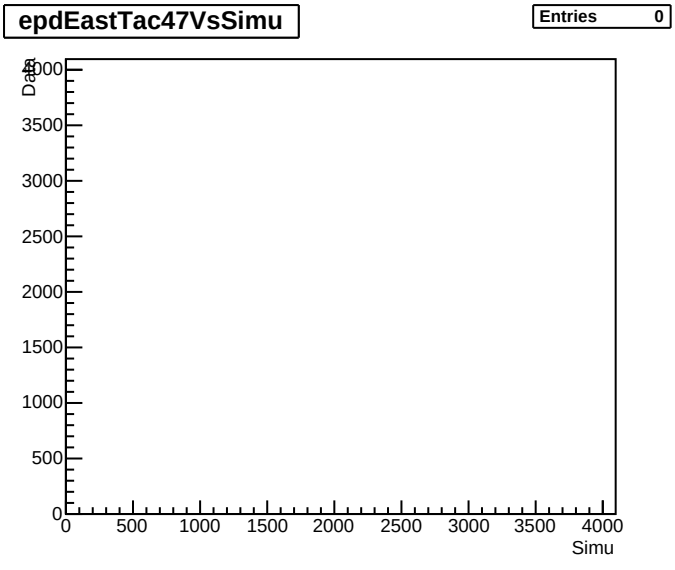
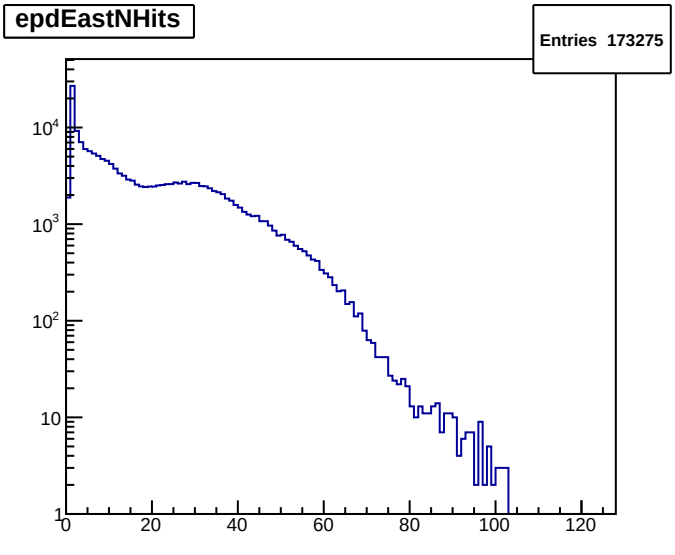
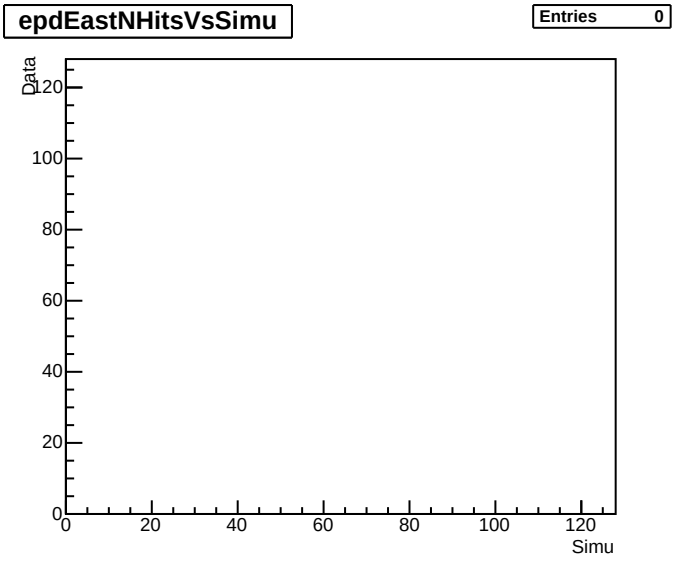
Entries 0
Data
Simu


epdEastTac47
Entries 173275


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 173275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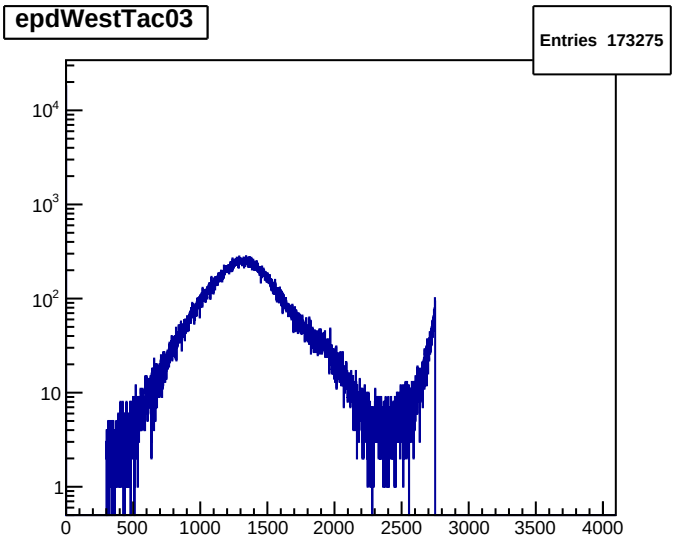
Entries 0
Data
Simu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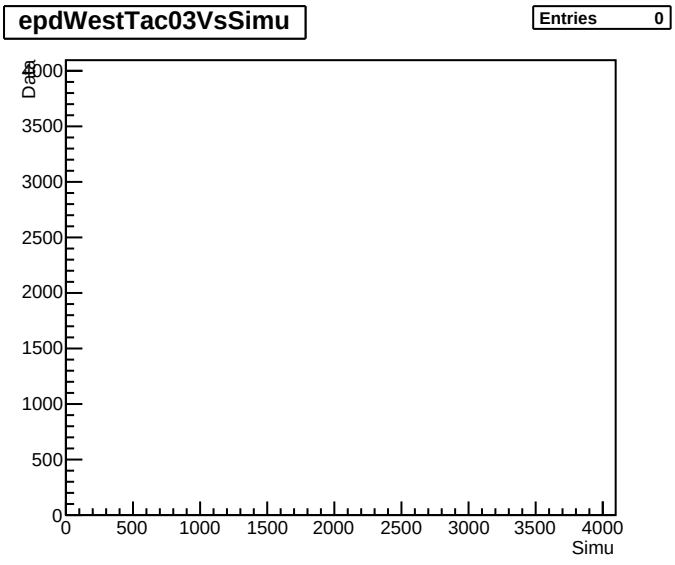
Entries 173275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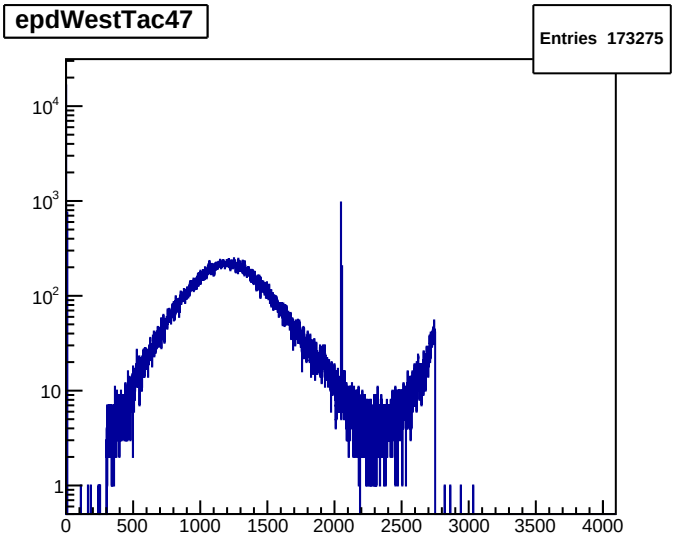
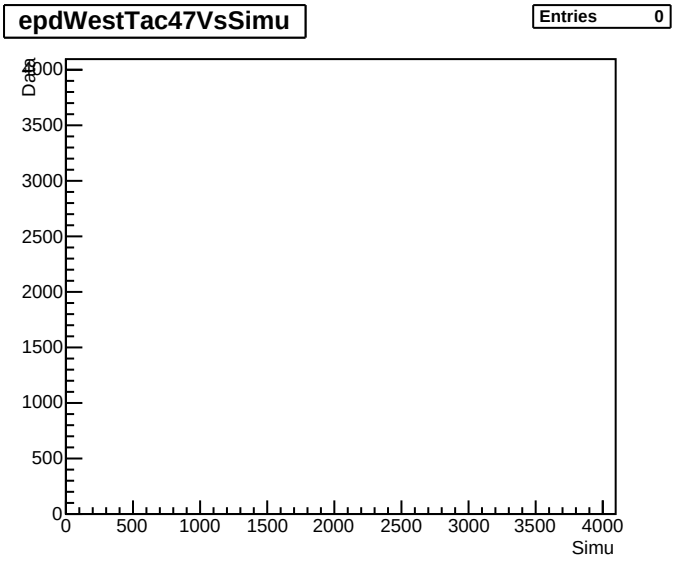
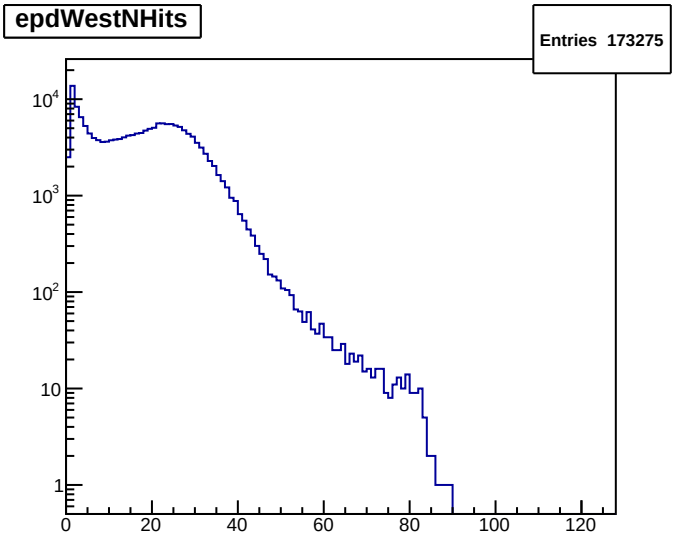
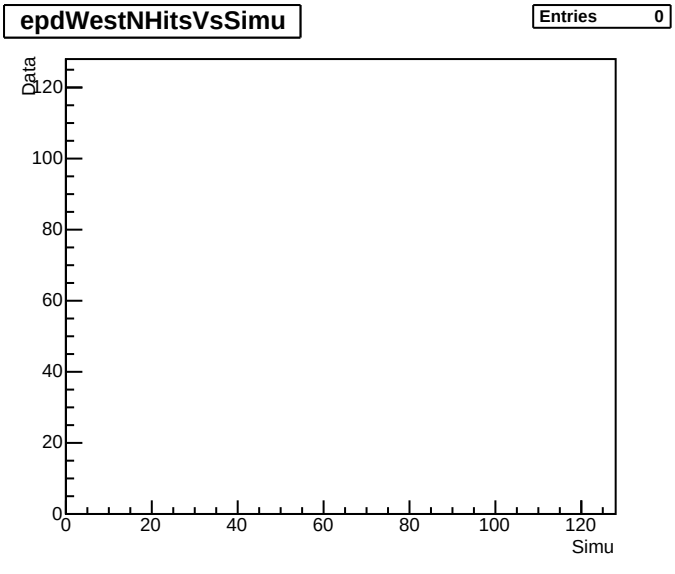
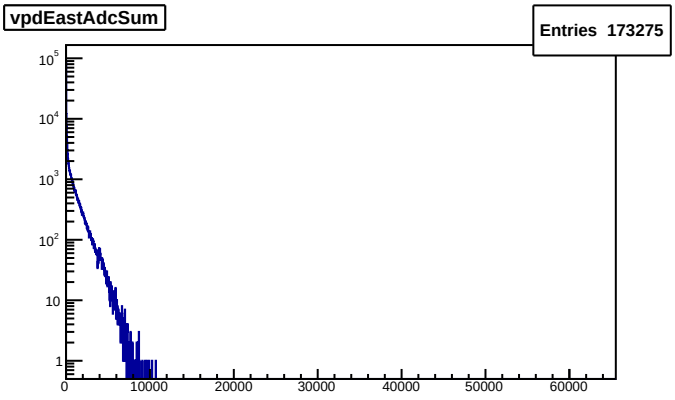
Entries 0
Data
Simu

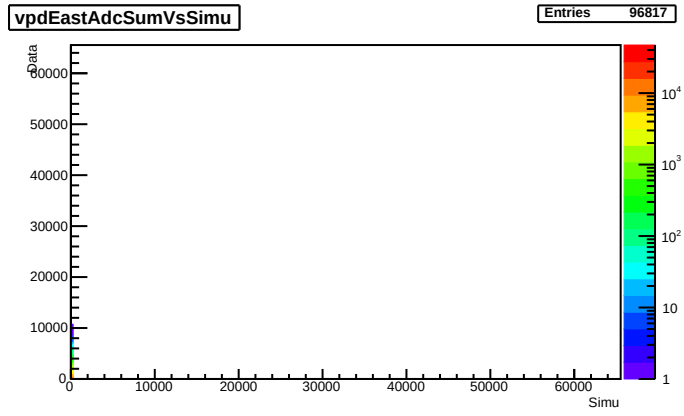

epdWestTac47
Entries 173275

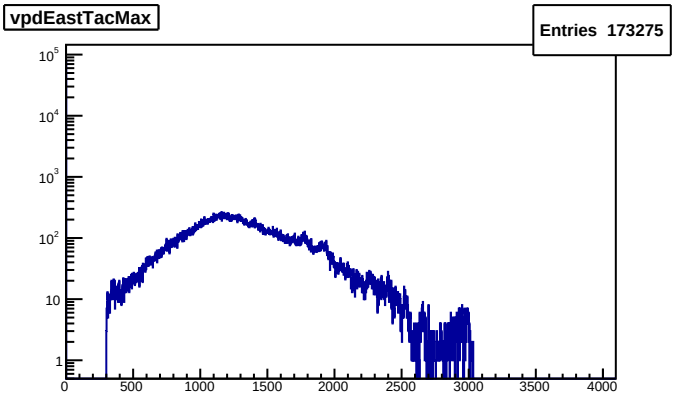

epdWestTac47VsSimu
Entries 0
Data
Simu

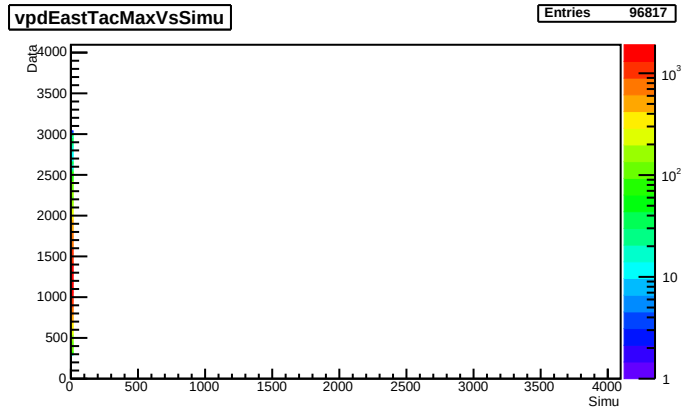

epdWestNHits
Entries 173275

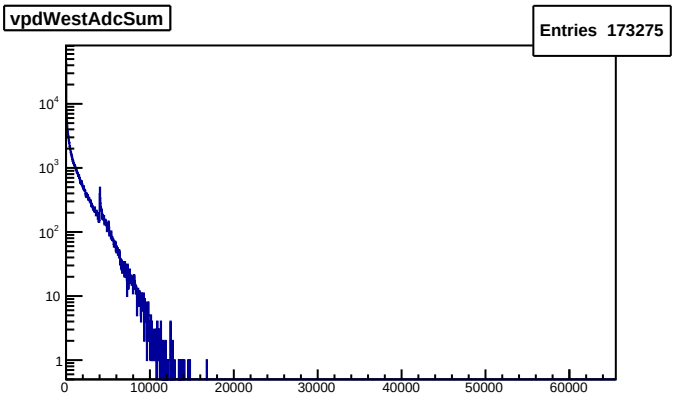

epdWestNHitsVsSimu
Entries 0
Data
Simu

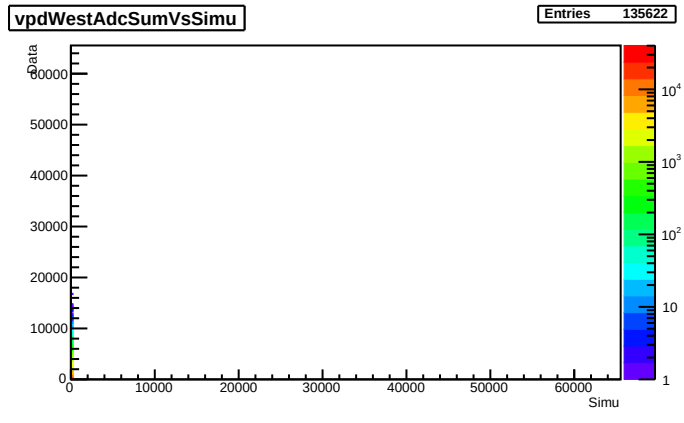

vpdEastAdcSum
Entries 173275

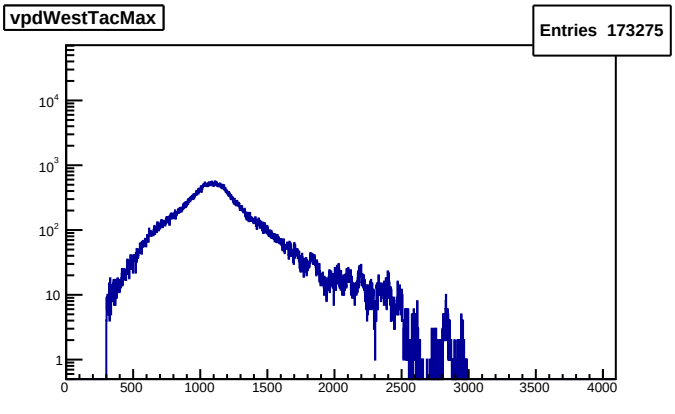

vpdEastAdcSumVsSimu
Entries 96817
Data
Simu

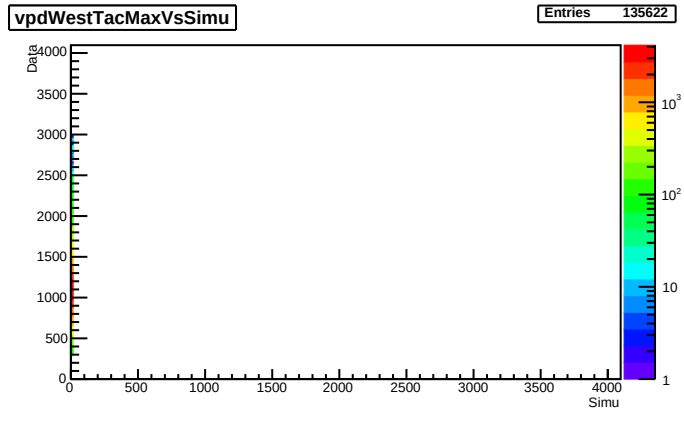

vpdEastTacMax
Entries 173275

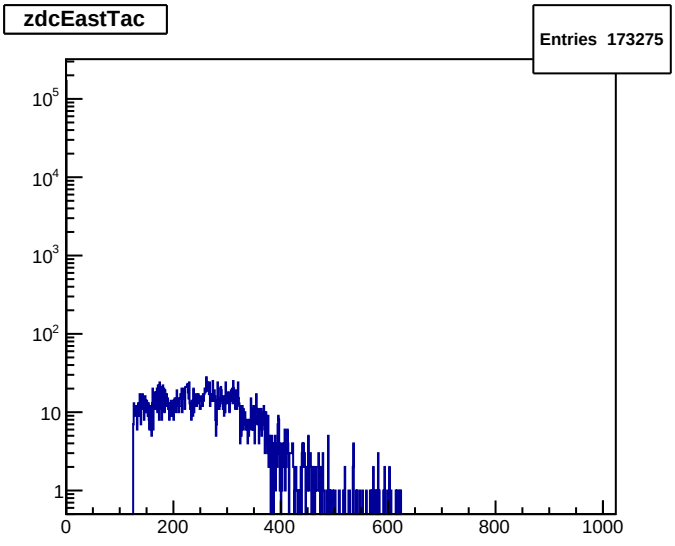

vpdEastTacMaxVsSimu
Entries 96817
Data
Simu

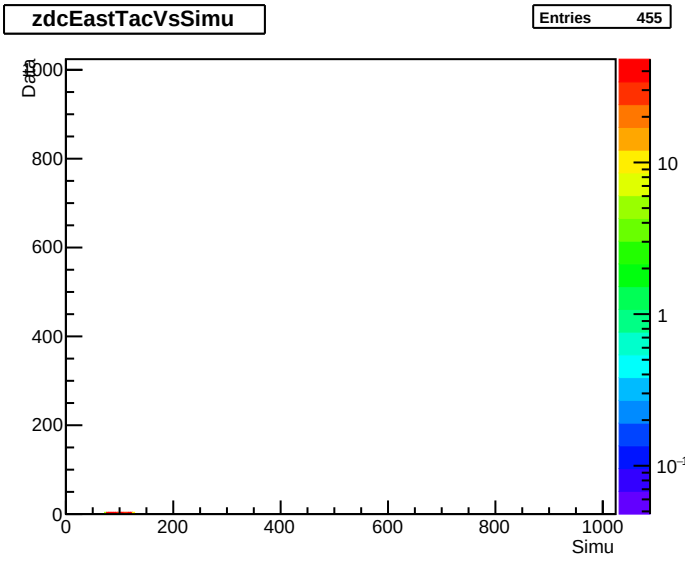

vpdWestAdcSum
Entries 173275

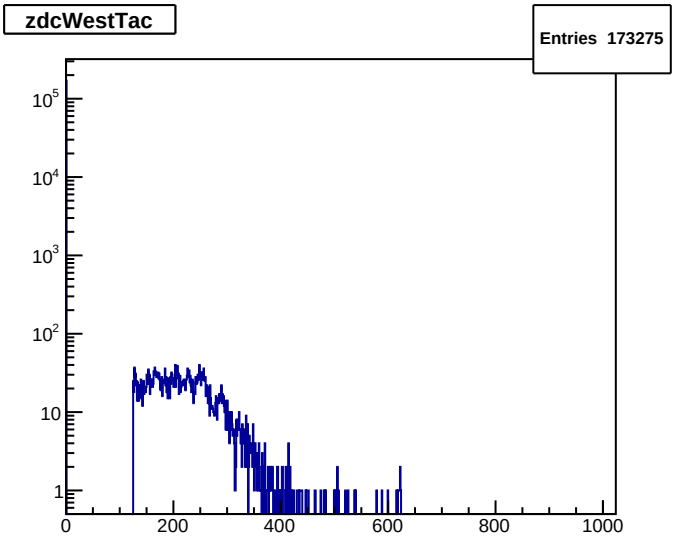

vpdWestAdcSumVsSimu
Entries 135622
Data
Simu

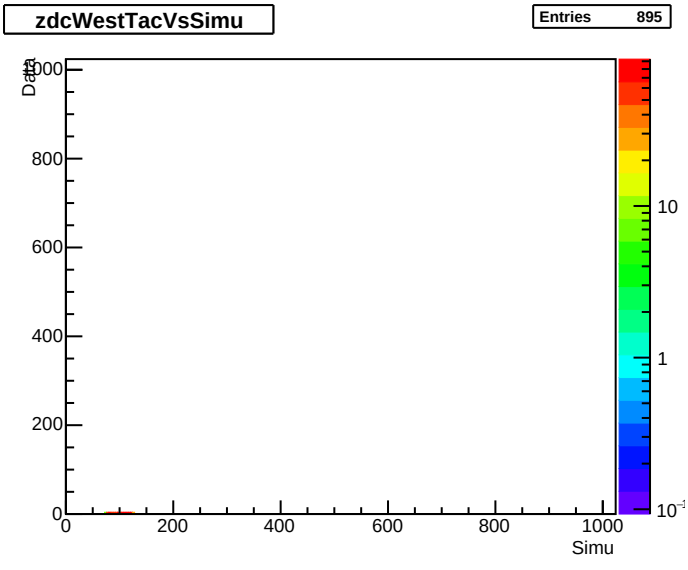

vpdWestTacMax
Entries 173275

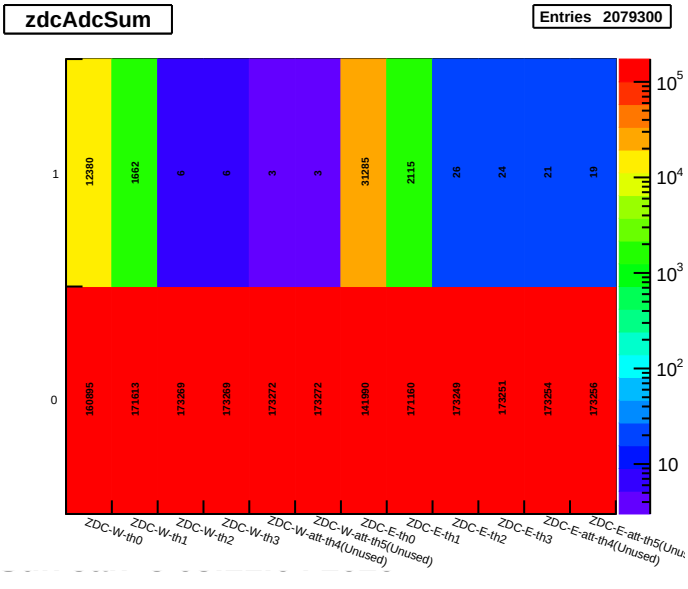

vpdWestTacMaxVsSimu
Entries 135622
Data
Simu

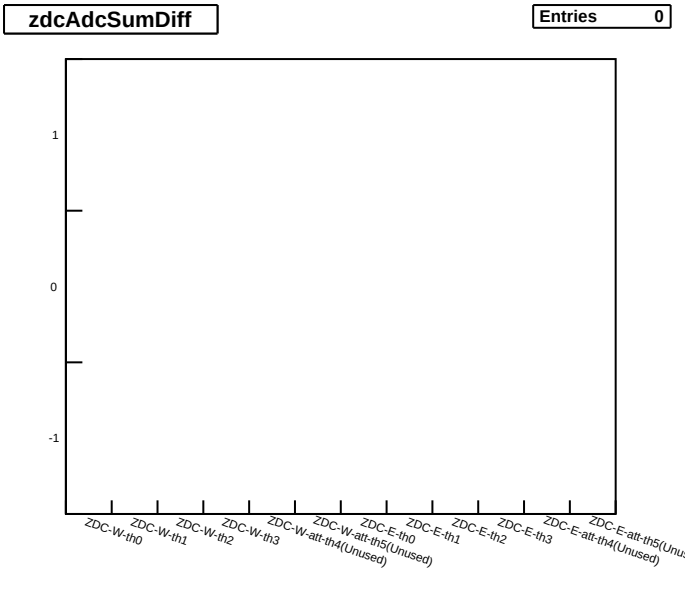

zdcEastTac
Entries 173275

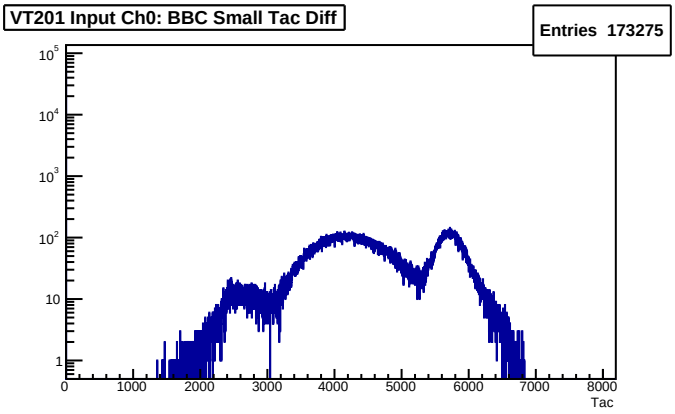

zdcEastTacVsSimu
Entries 455
Data
Simu

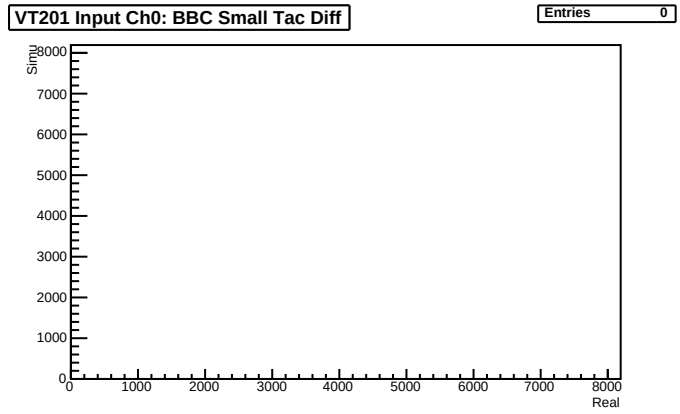

zdcWestTac
Entries 173275

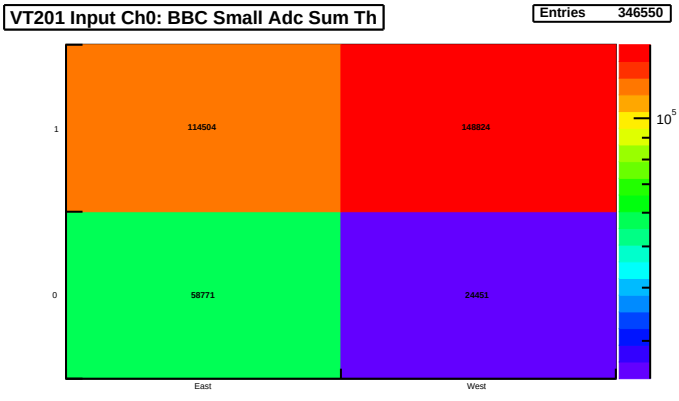

zdcWestTacVsSimu
Entries 895
Data
Simu

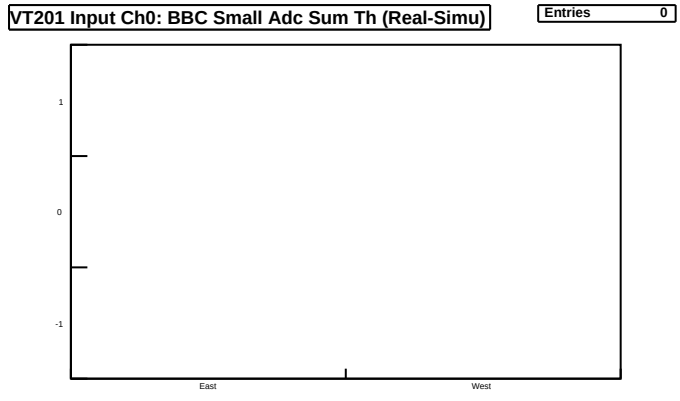

zdcAdcSum
Entries 2079300
12380
1662
6
6
3
3
31285
2115
26
24
21
19
160895
171613
173269
173269
173272
173272
141990
171160
173249
173251
173254
173256
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

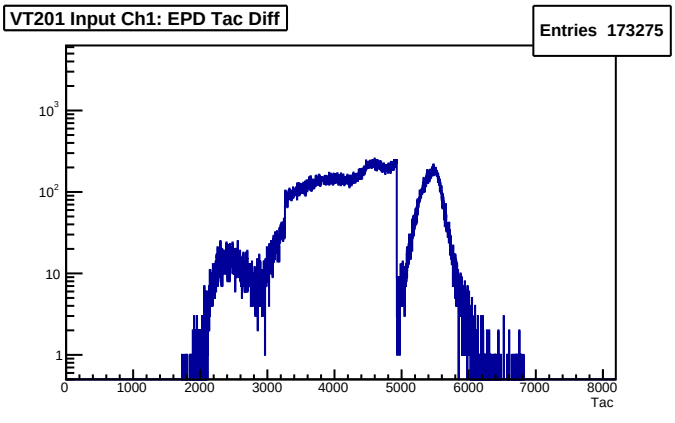

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

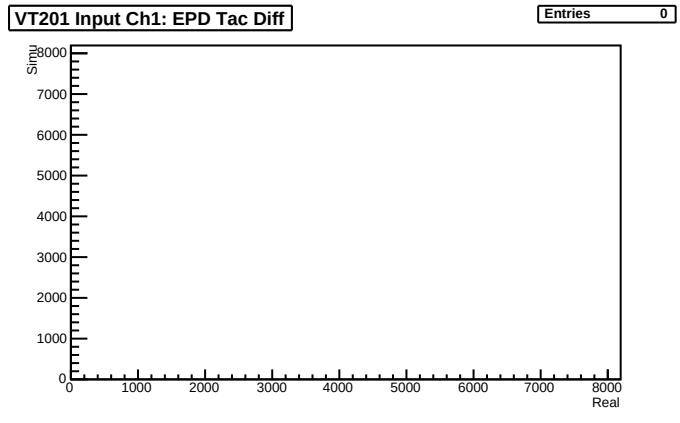

VT201 Input Ch0: BBC Small Tac Diff
Entries 173275
Tac

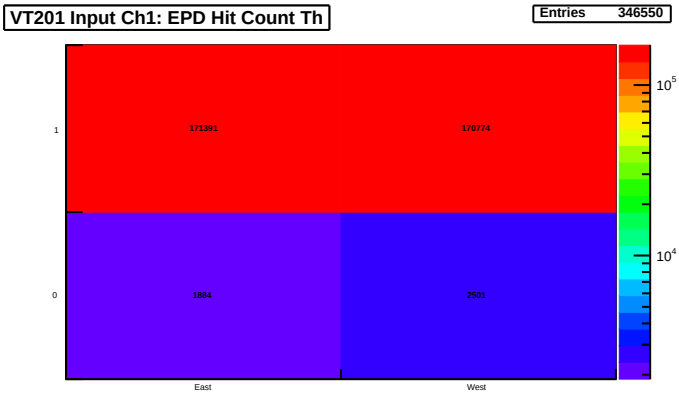

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

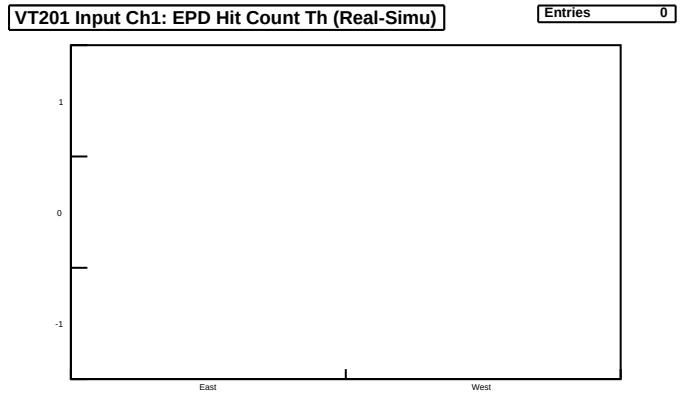

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 346550
114504
148824
58771
24451
East
West

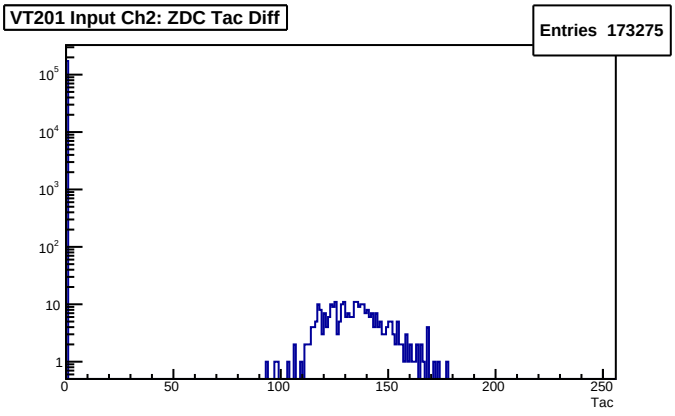

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

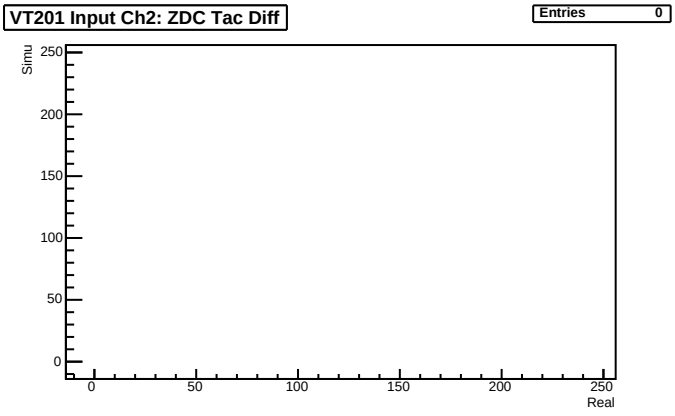

VT201 Input Ch1: EPD Tac Diff
Entries 173275
Tac

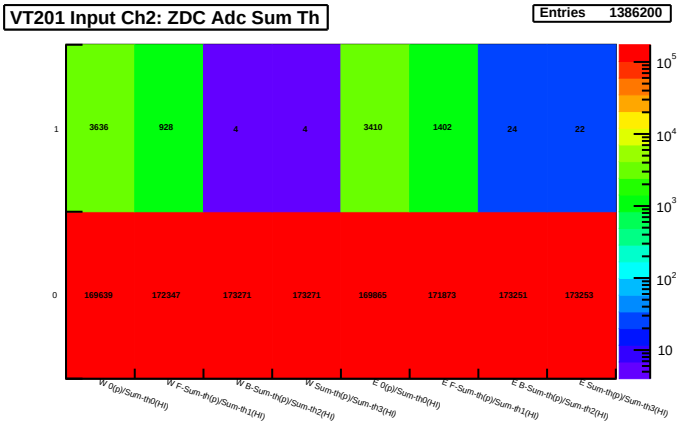

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

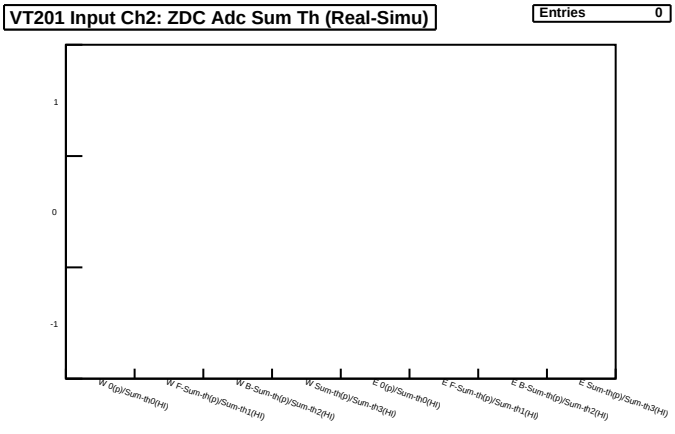

VT201 Input Ch1: EPD Hit Count Th
Entries 346550
171391
170774
1884
2501
East
West

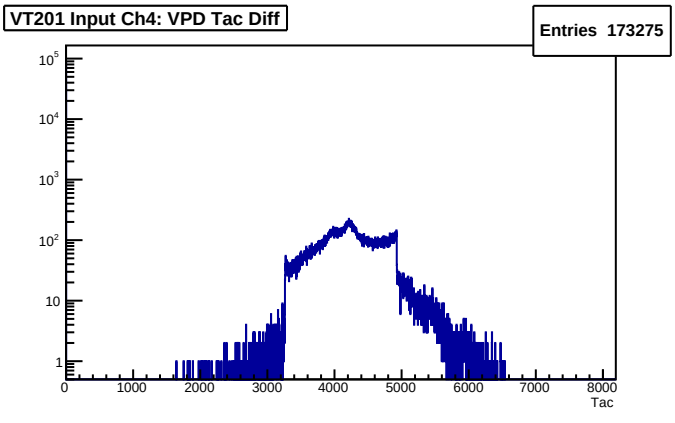

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

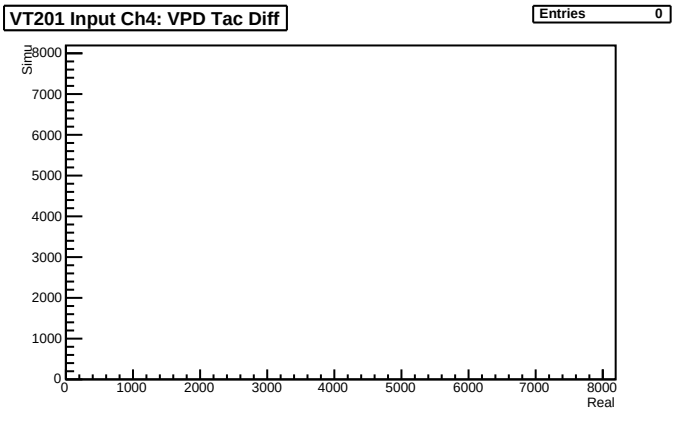

VT201 Input Ch2: ZDC Tac Diff
Entries 173275
Tac

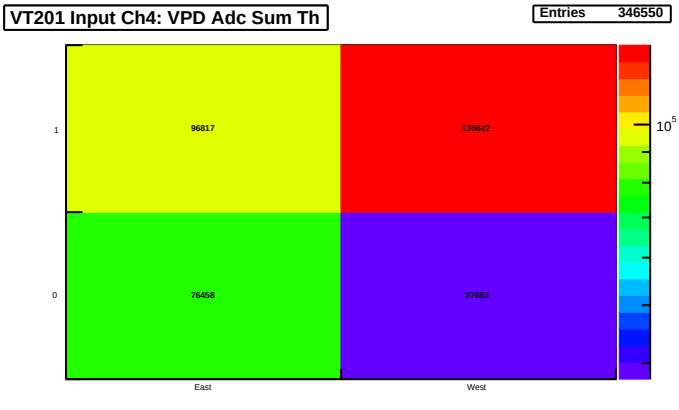

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

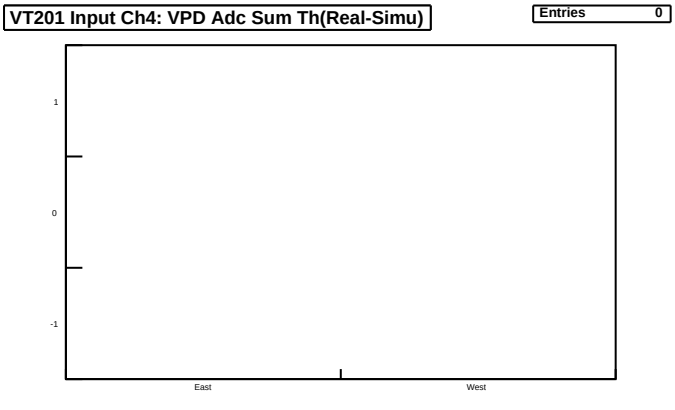

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1386200
3636
928
4
4
3410
1402
24
22
169639
172347
173271
173271
169865
171873
173251
173253
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

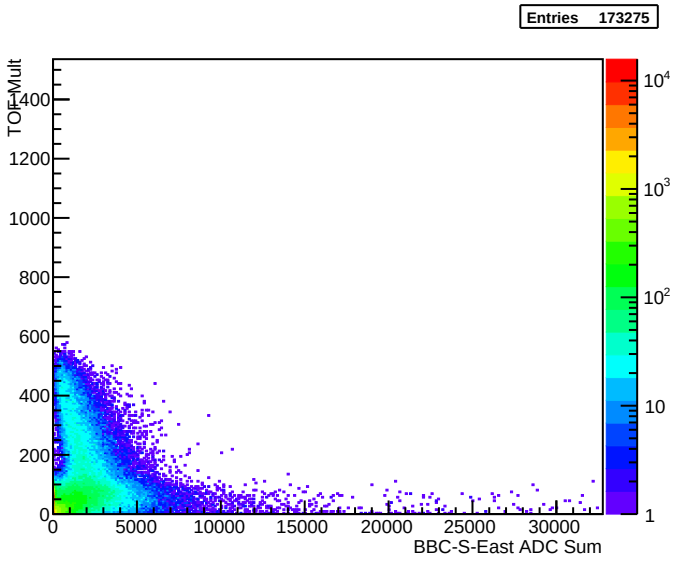

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

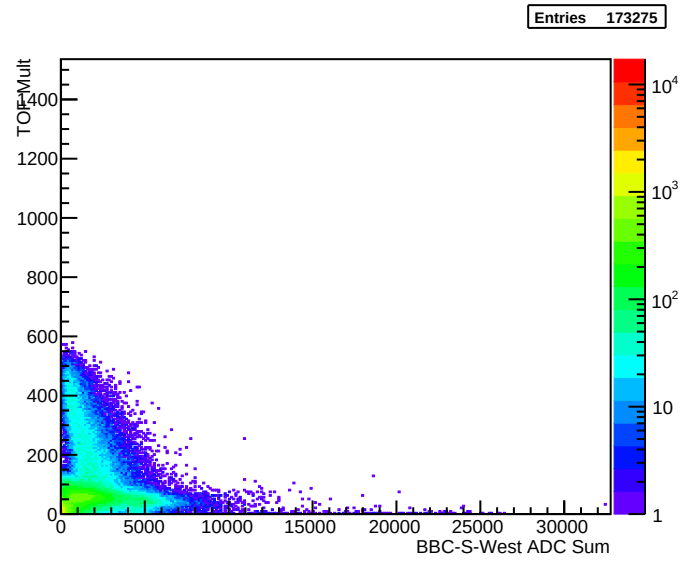

VT201 Input Ch4: VPD Tac Diff
Entries 173275
Tac

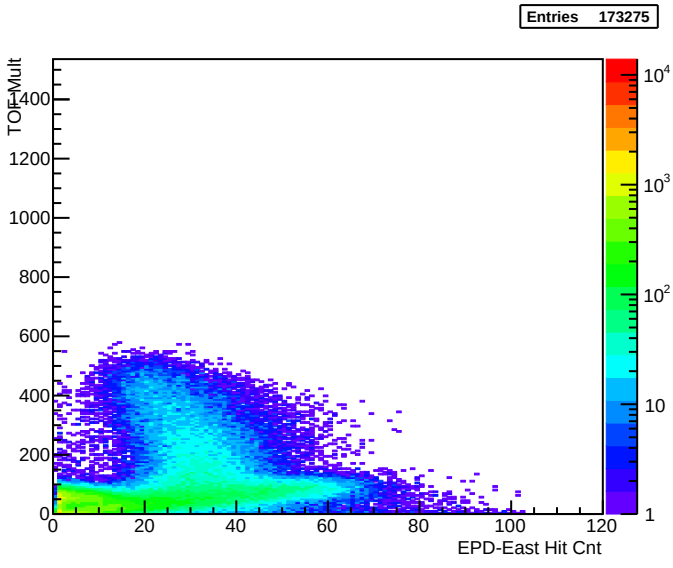

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

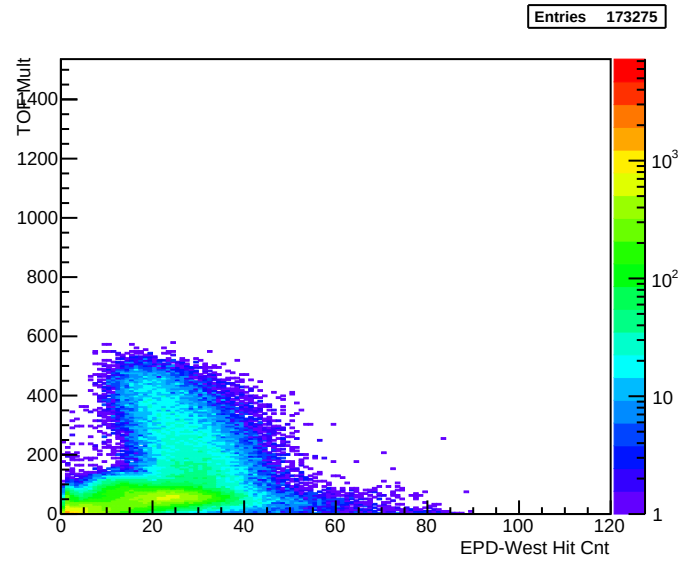

VT201 Input Ch4: VPD Adc Sum Th
Entries 346550
96817
135622
76458
37653
East
West

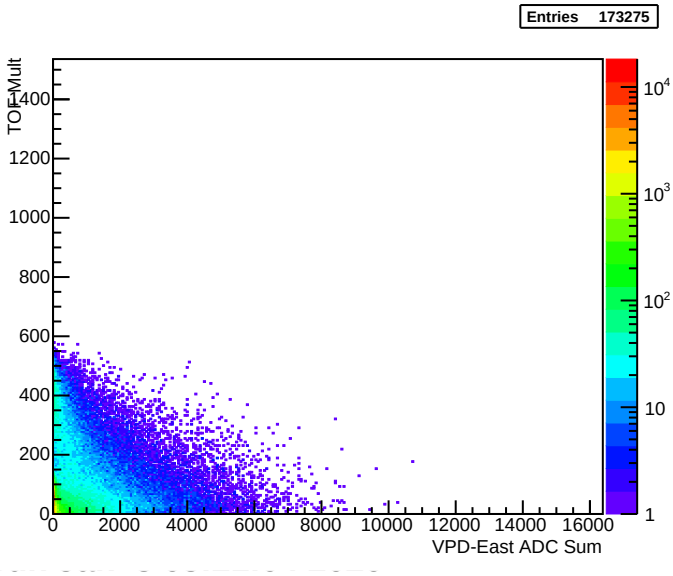

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

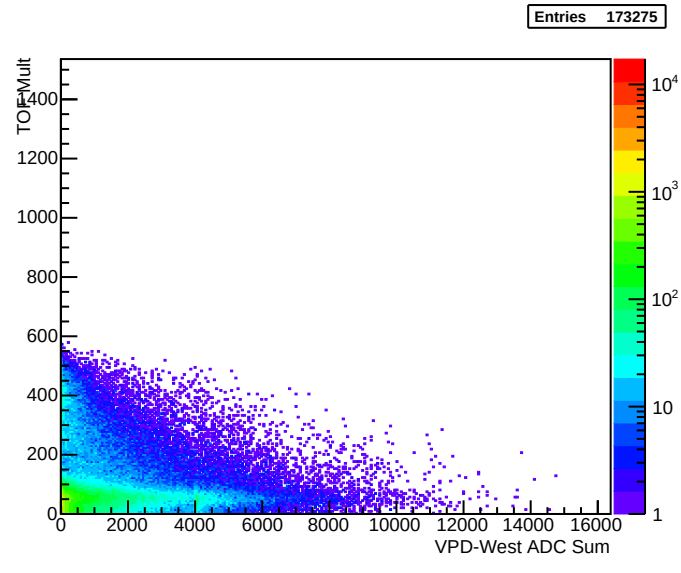

Entries 173275
TOF-Mult
BBC-S-East ADC Sum

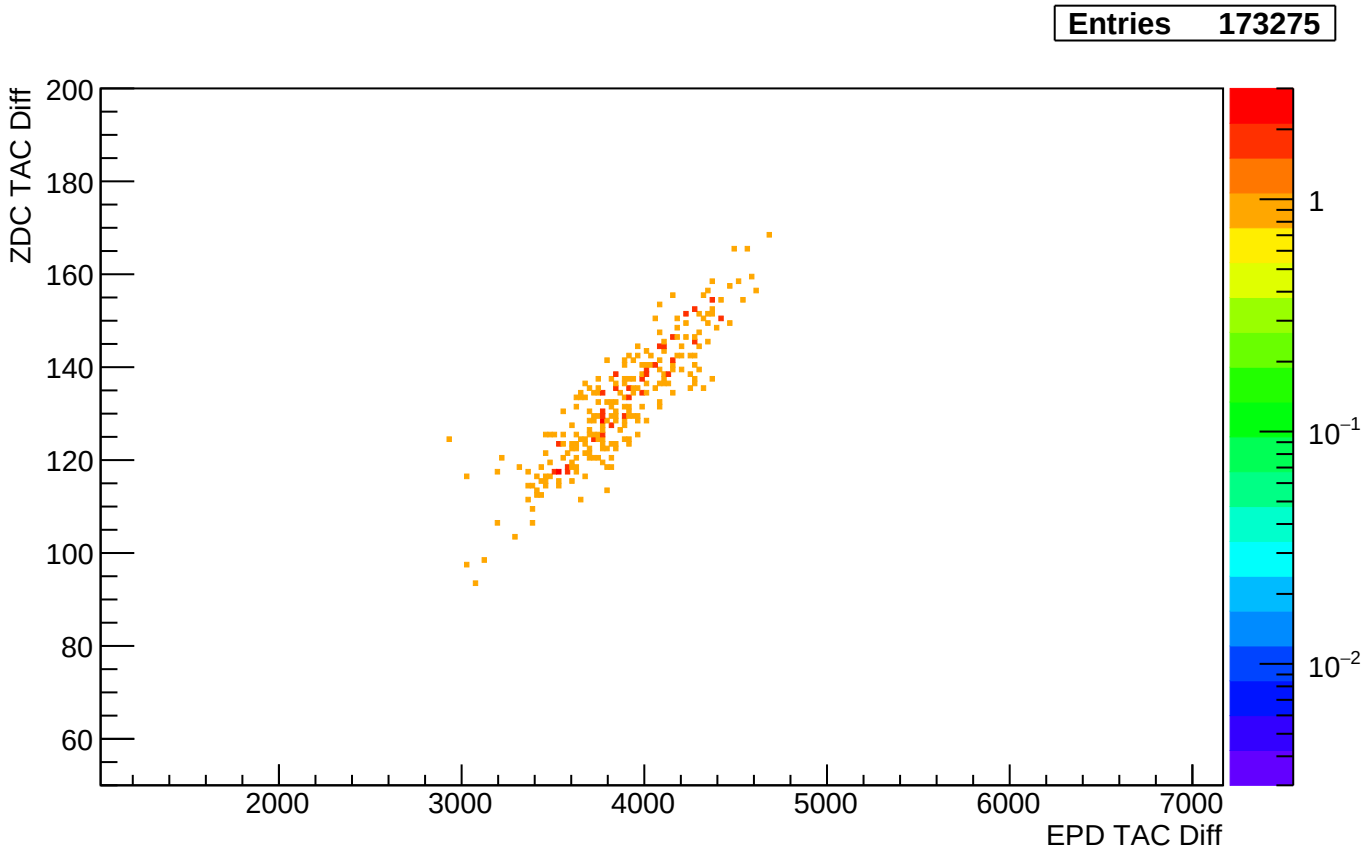

Entries 173275
TOF-Mult
BBC-S-West ADC Sum

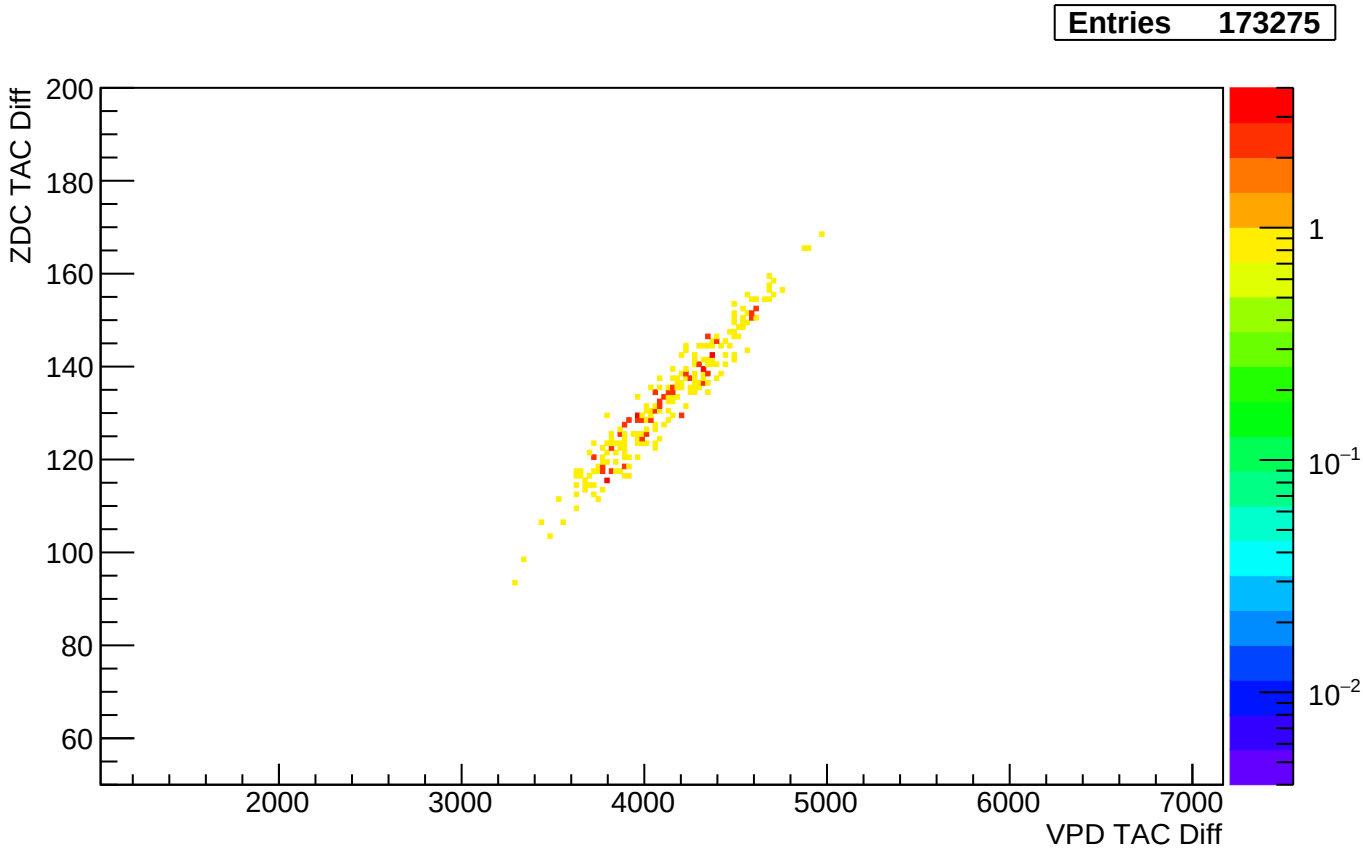

Entries 173275
TOF-Mult
EPD-East Hit Cnt

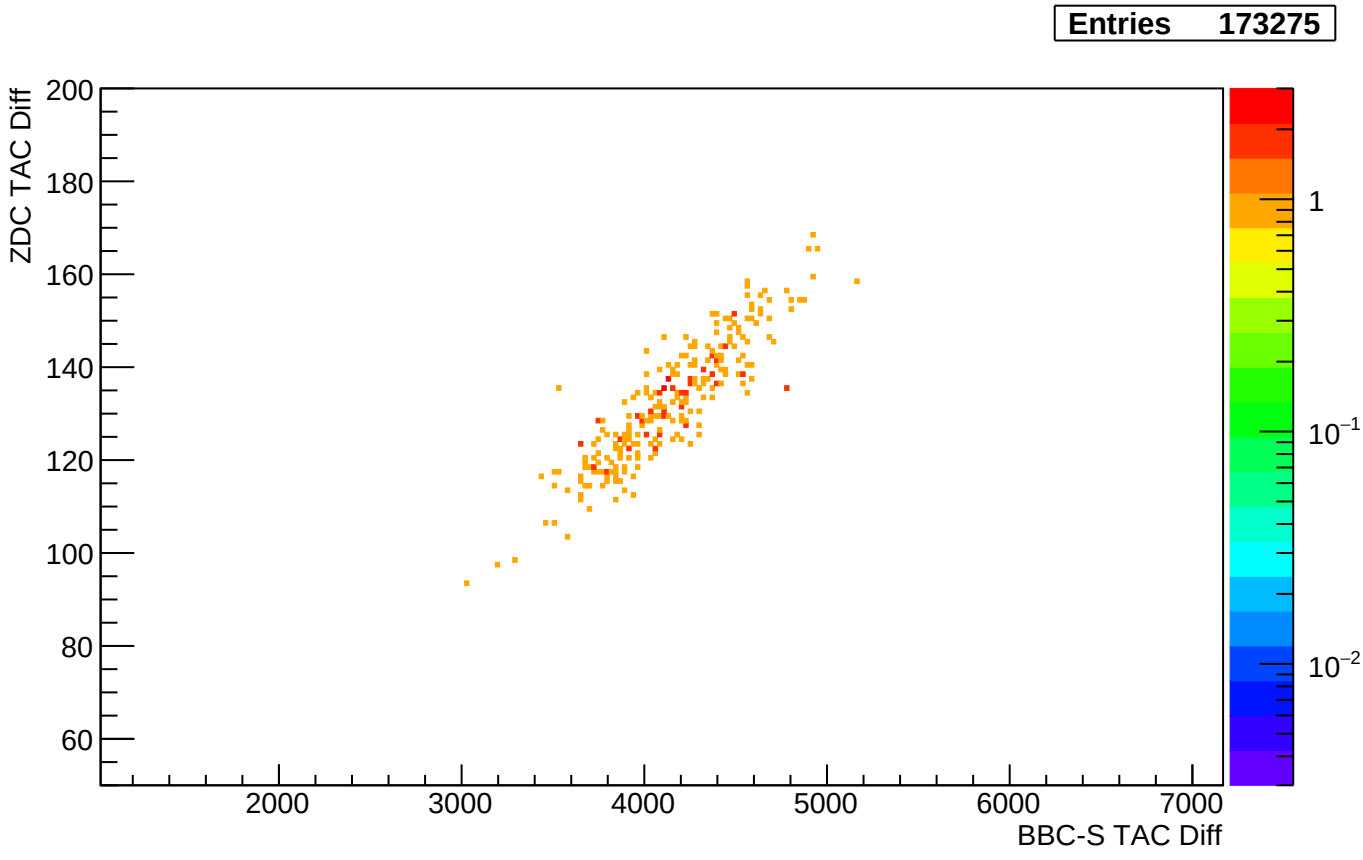

Entries 173275
TOF-Mult
EPD-West Hit Cnt

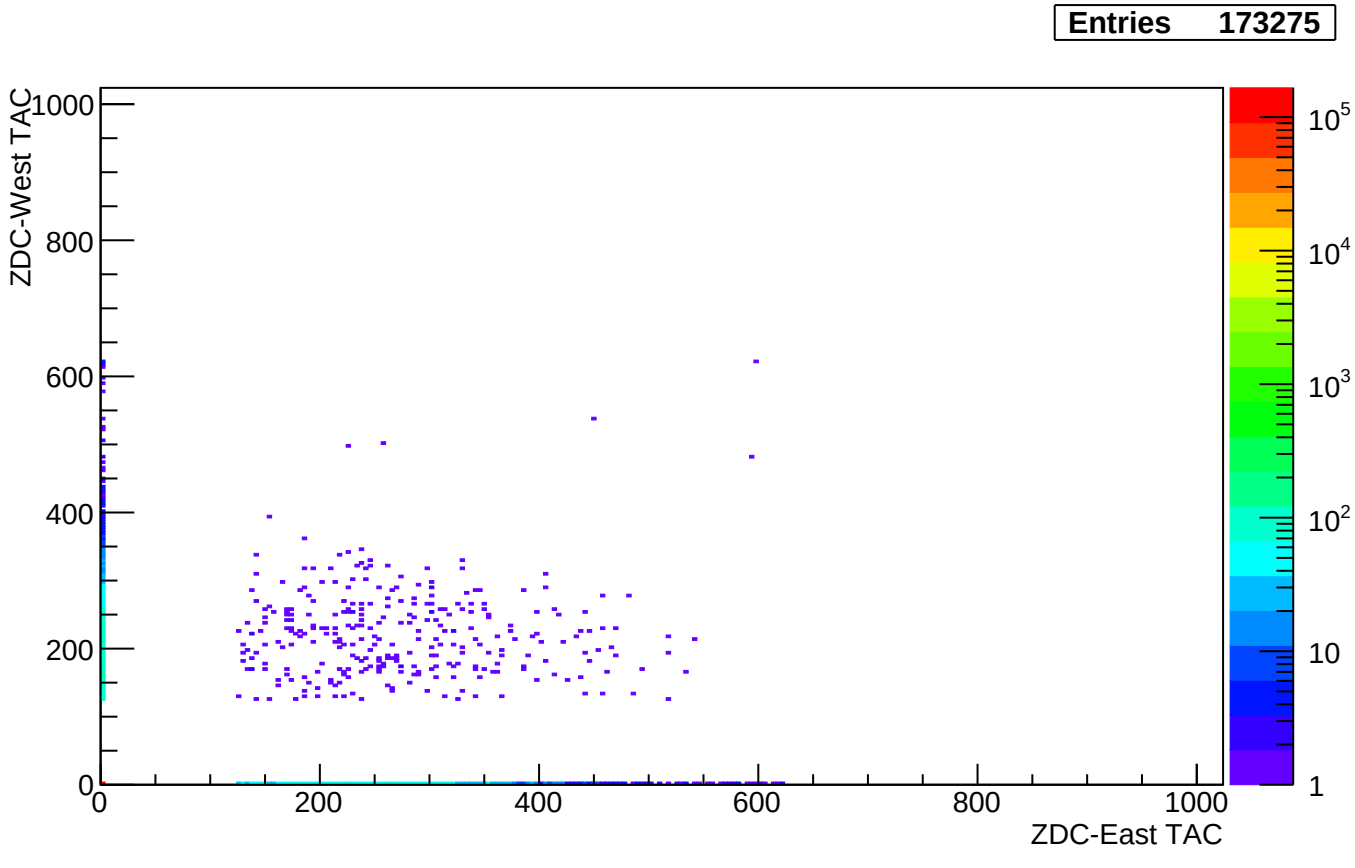

Entries 173275
TOF-Mult
VPD-East ADC Sum

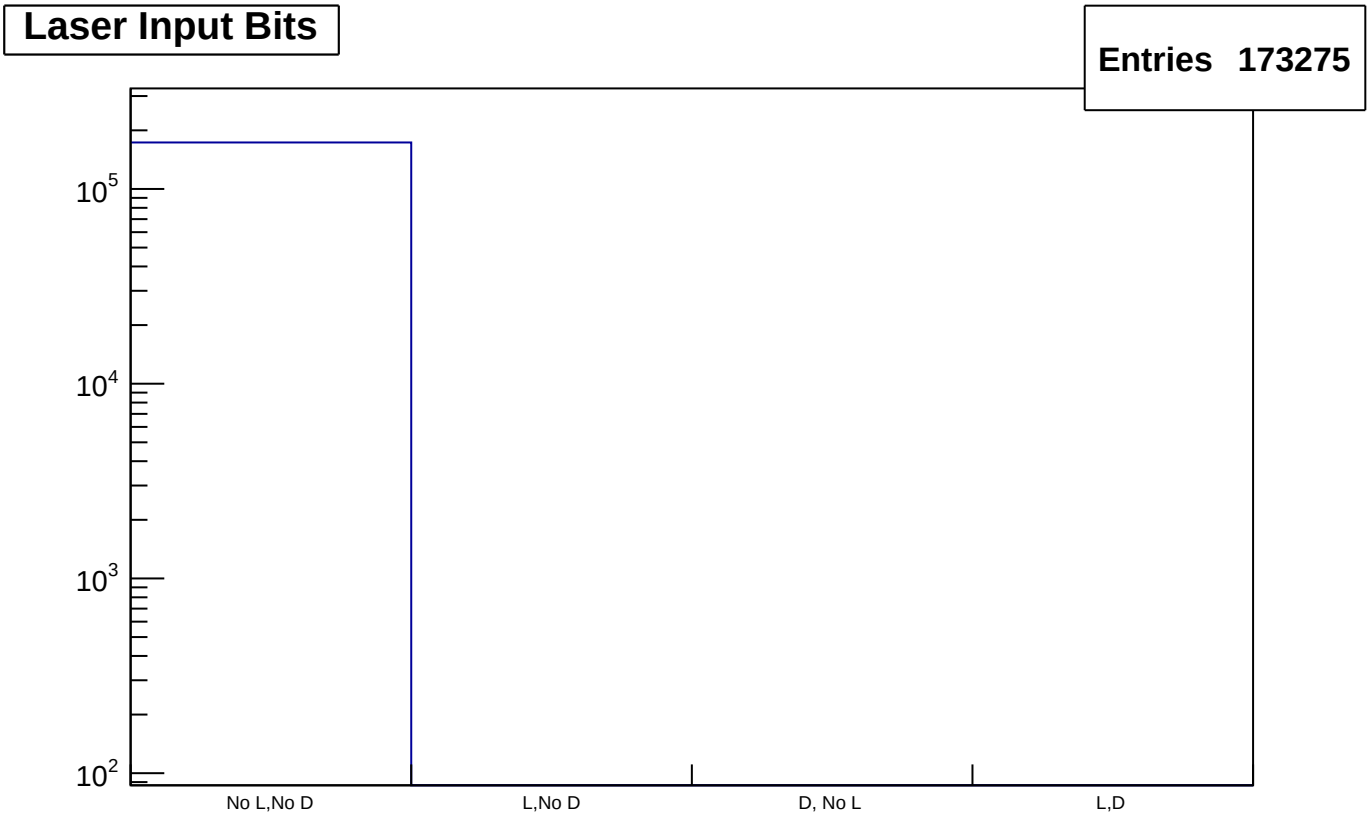

Entries 173275
TOF-Mult
VPD-West ADC Sum

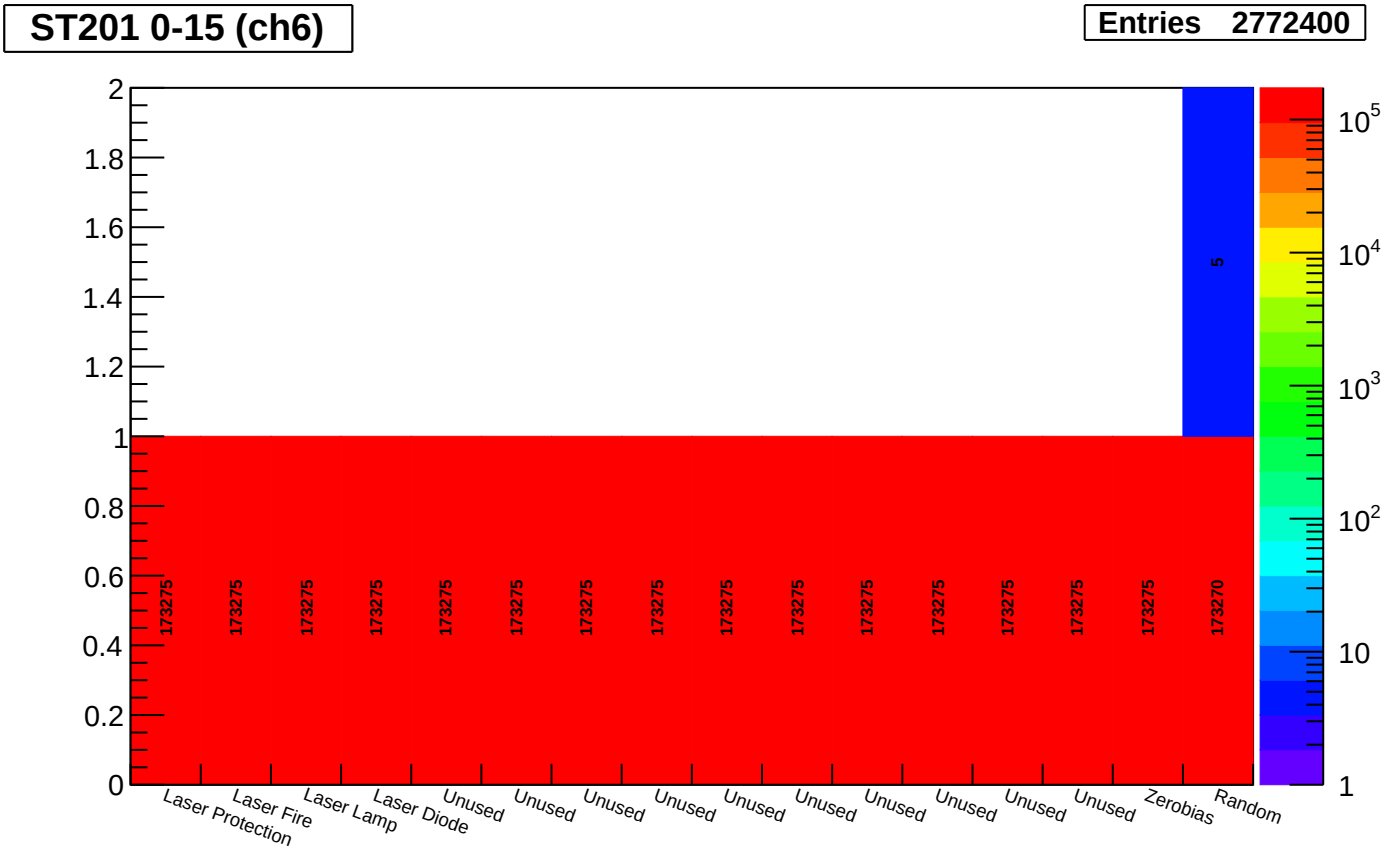

Entries 173275
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

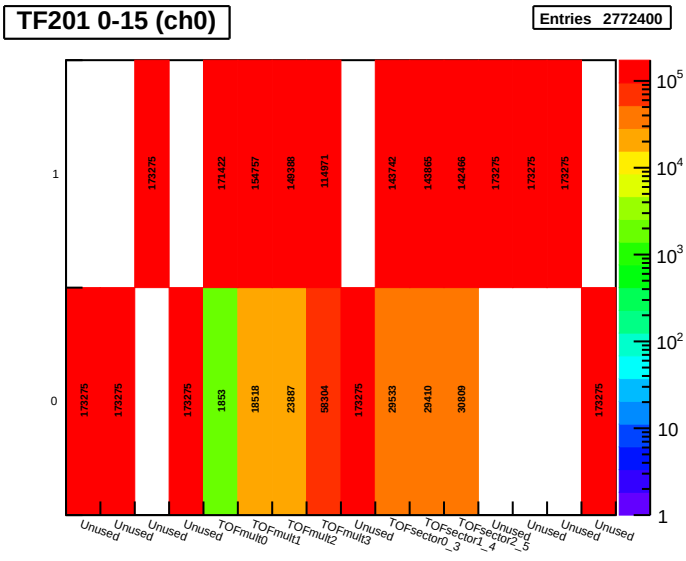

Entries 173275
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

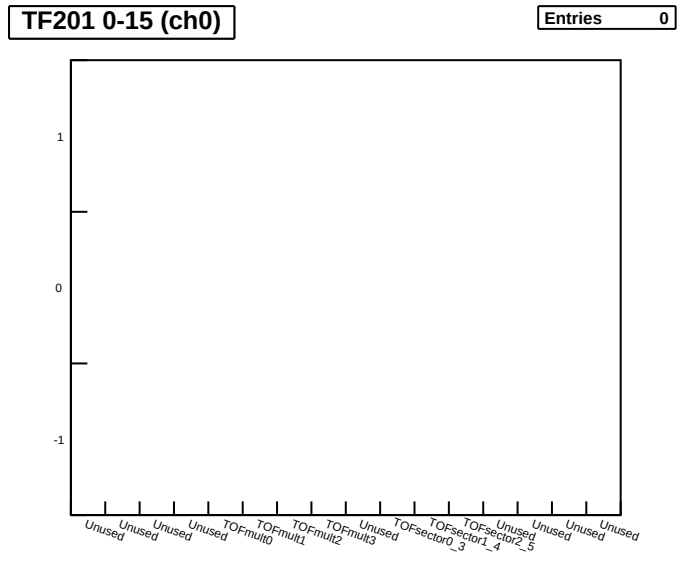

Entries 173275
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

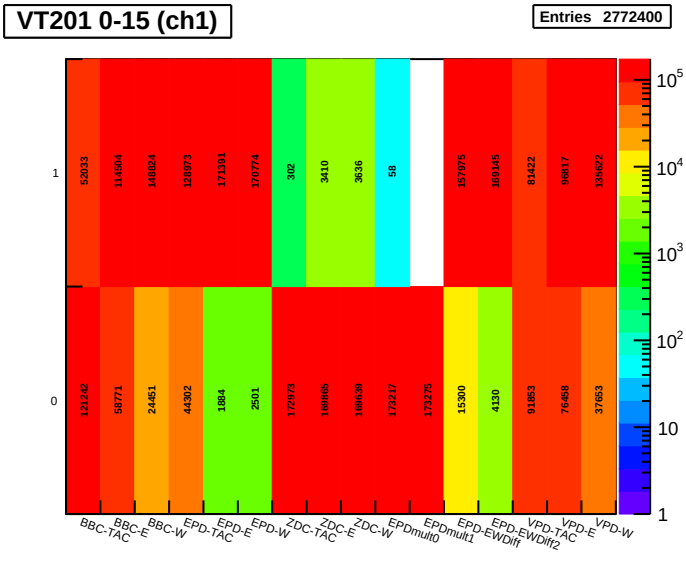

Entries 173275
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

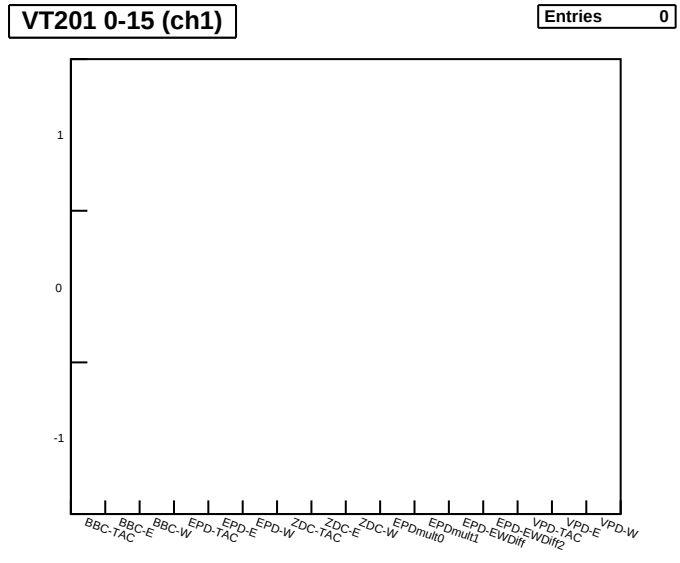

Laser Input Bits
Entries 173275
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

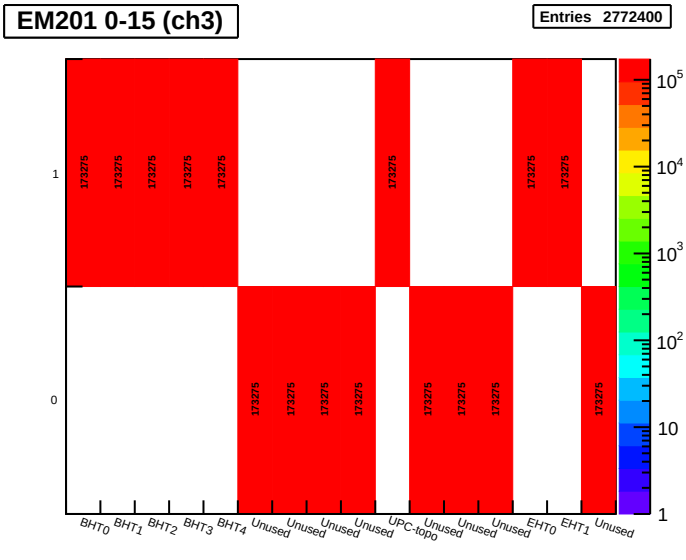

ST201 0-15 (ch6)
Entries 2772400
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
173275
173275
173275
173275
173275
173275
173275
173275
173275
173275
173275
173275
173275
173275
173270
5
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

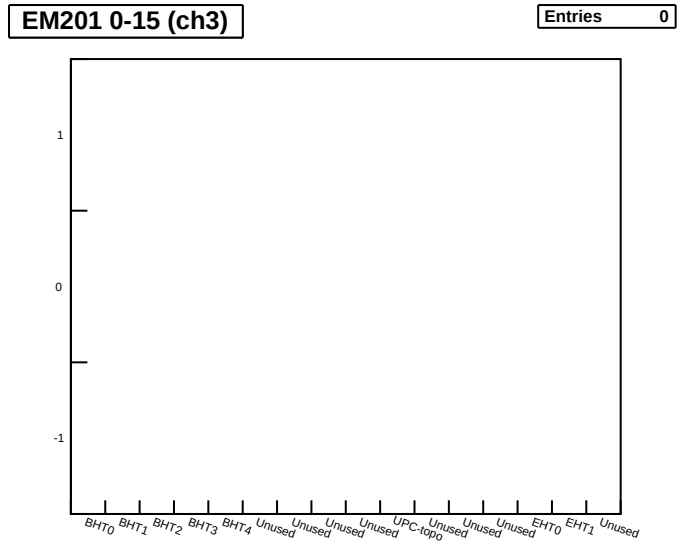

TF201 0-15 (ch0)
Entries 2772400
1
0
173275
171422
154757
148388
114971
143742
143865
142466
173275
173275
173275
173275
173275
173275
173275
173275
1853
18518
23867
58304
29533
29410
30809
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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


VT201 0-15 (ch1)
Entries 2772400
1
0
52033
114504
148824
128973
171391
170774
302
3410
3636
58
157975
169145
81422
96817
135622
121242
58771
24451
44302
1884
2501
172973
169865
169639
173217
173275
15300
4130
91653
76458
37653
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 2772400
1
0
173275
173275
173275
173275
173275
173275
173275
173275
173275
173275
173275
173275
173275
173275
173275
173275
173275
173275
173275
173275
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