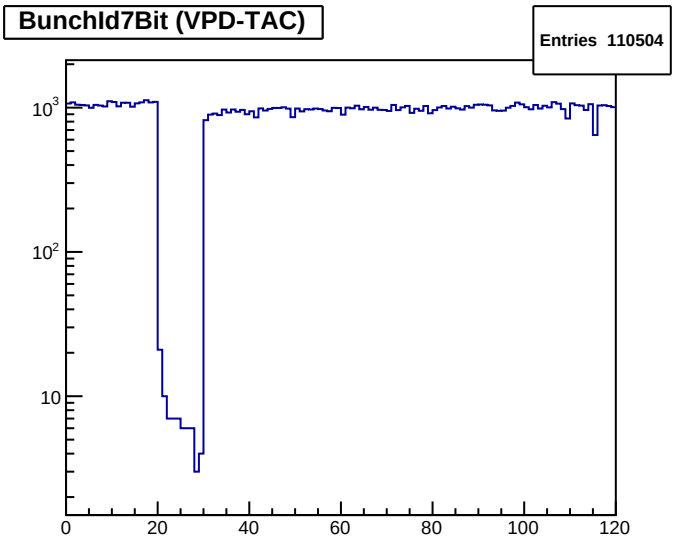
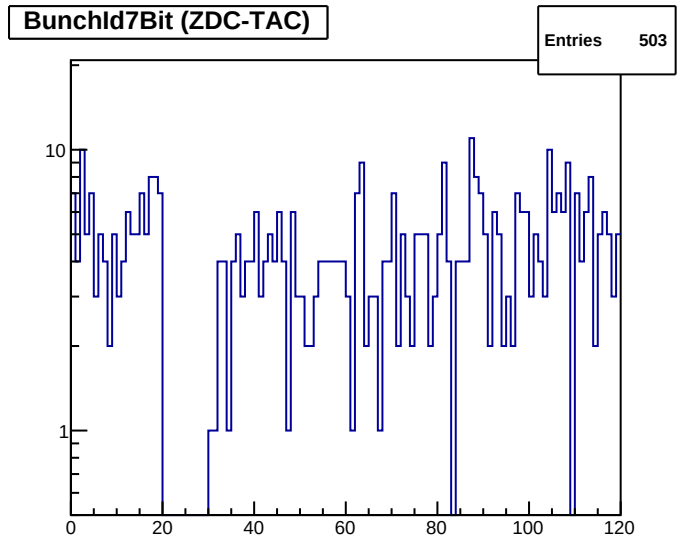
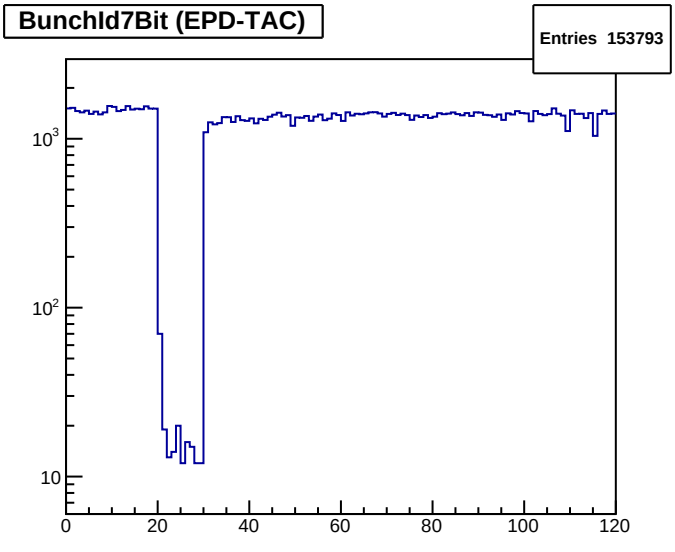
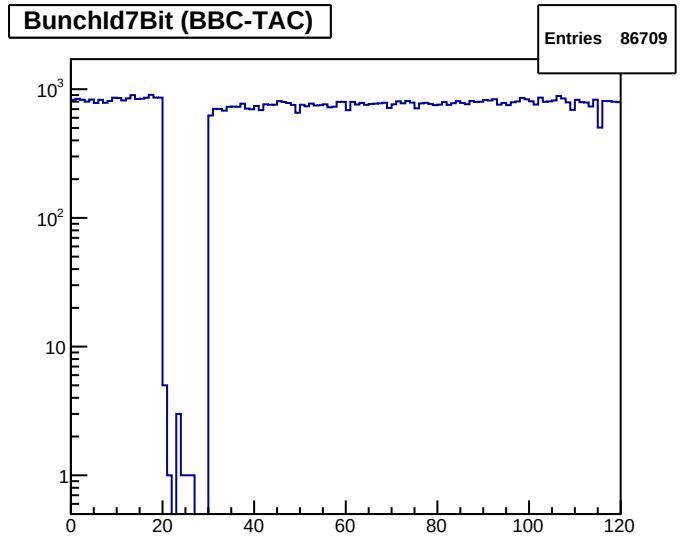
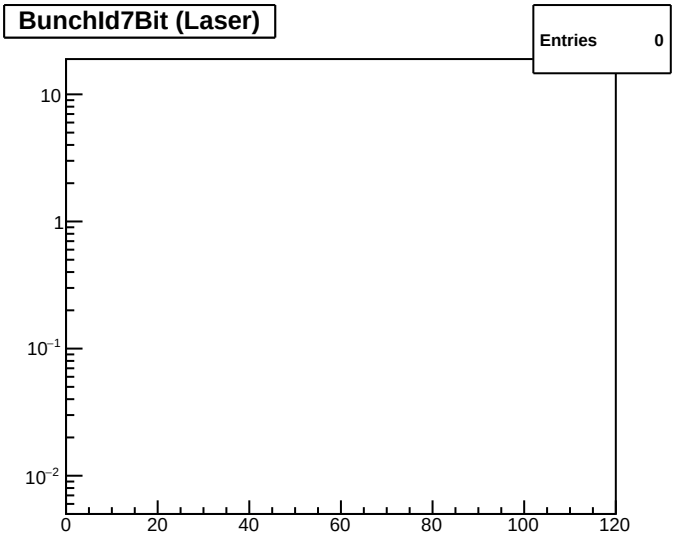
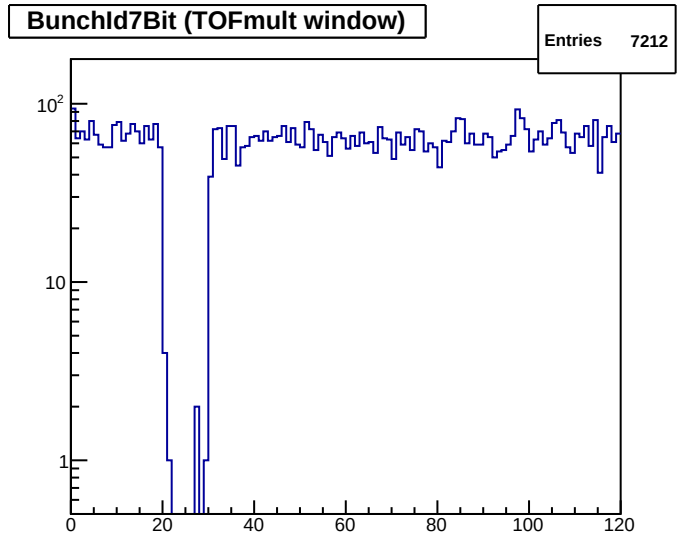

BunchId7Bit (VPD-TAC)
Entries 110504

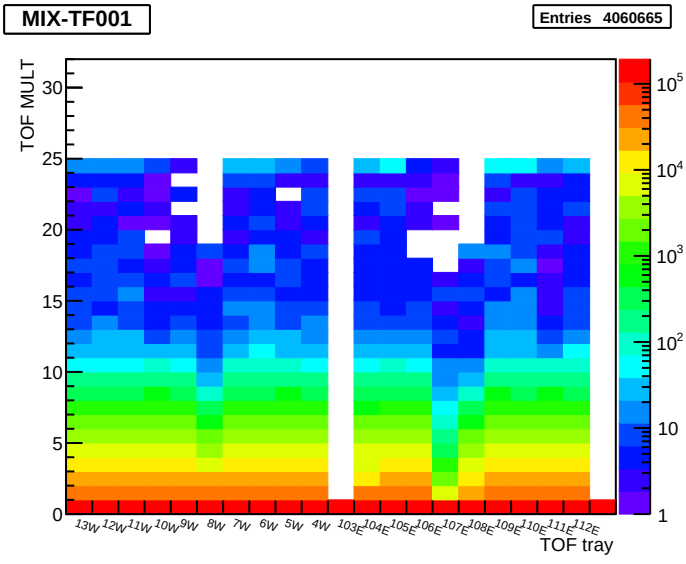

BunchId7Bit (ZDC-TAC)
Entries 503

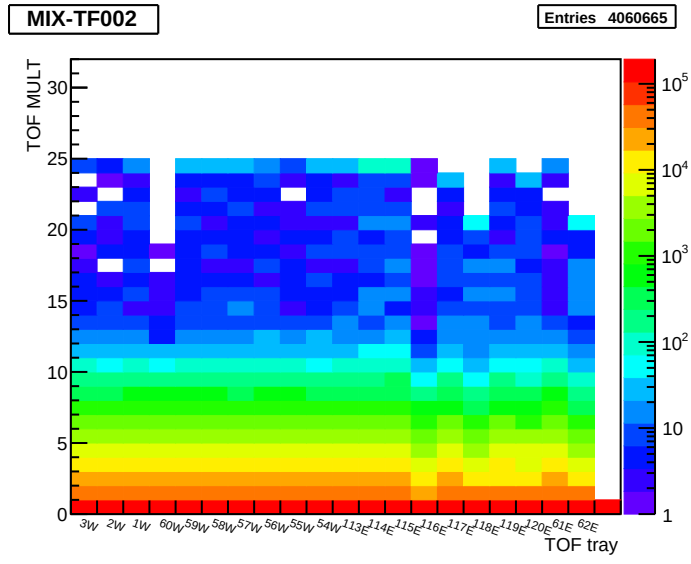

BunchId7Bit (EPD-TAC)
Entries 153793

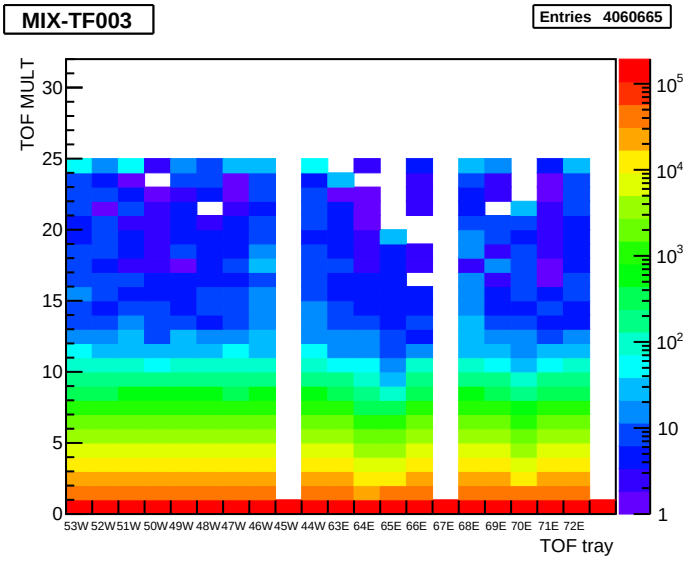

BunchId7Bit (BBC-TAC)
Entries 86709

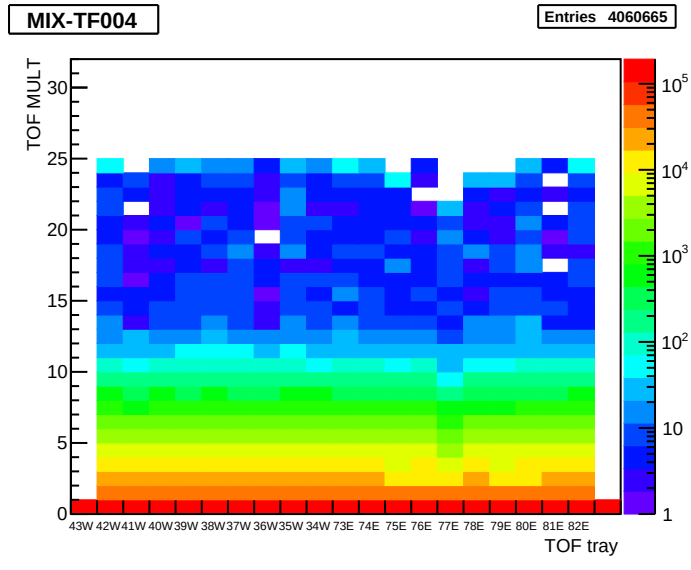

BunchId7Bit (Laser)
Entries 0

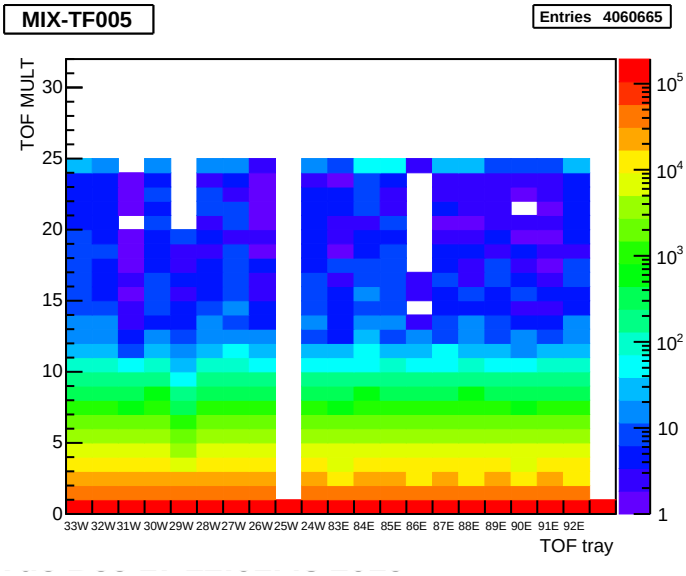

BunchId7Bit (TOFmult window)
Entries 7212

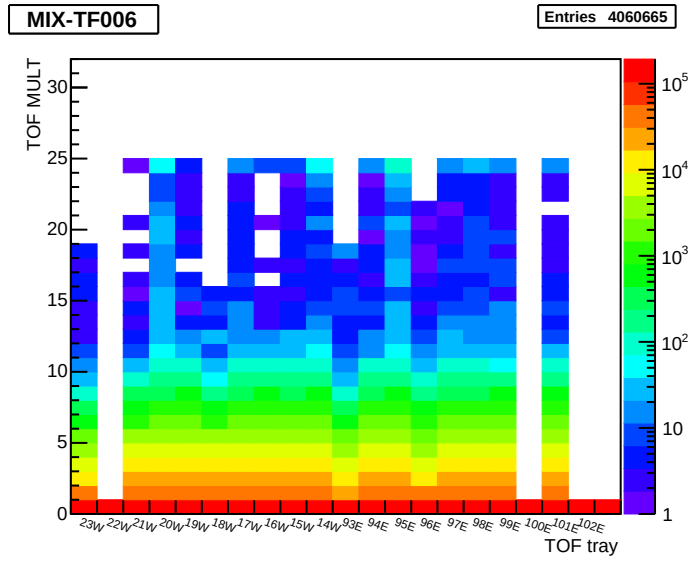

MIX-TF001
Entries 4060665
TOF MULT
TOF tray

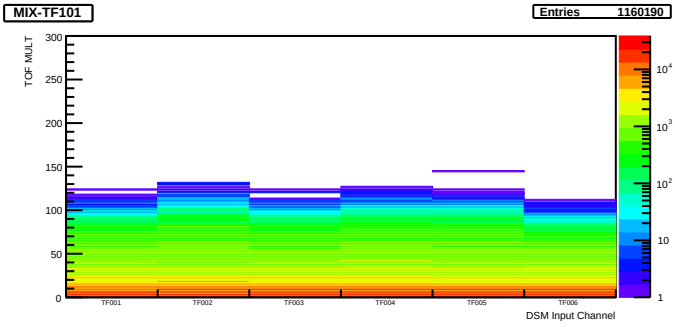

MIX-TF002
Entries 4060665
TOF MULT
TOF tray

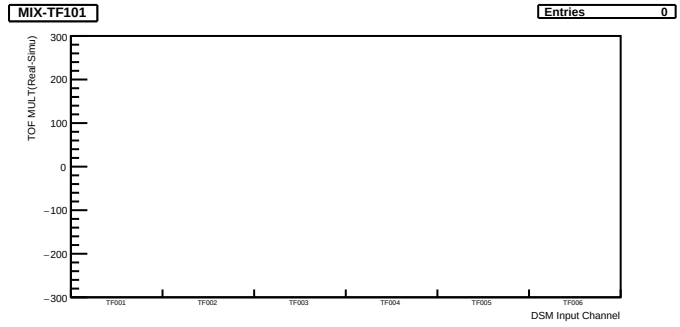

MIX-TF003
Entries 4060665
TOF MULT
TOF tray

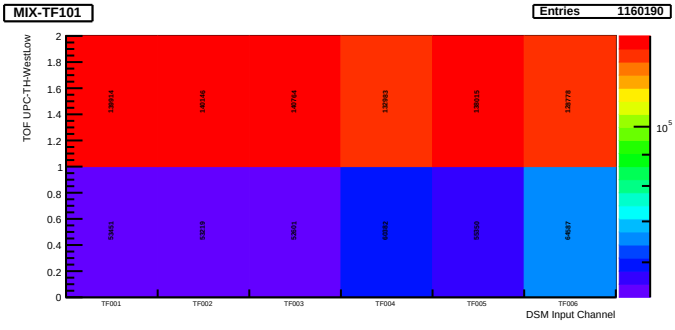

MIX-TF004
Entries 4060665
TOF MULT
TOF tray

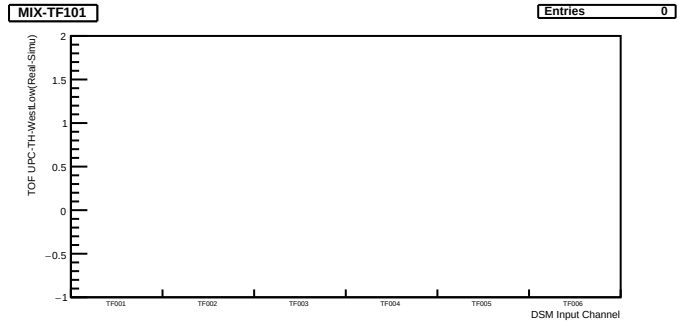

MIX-TF005
Entries 4060665
TOF MULT
TOF tray

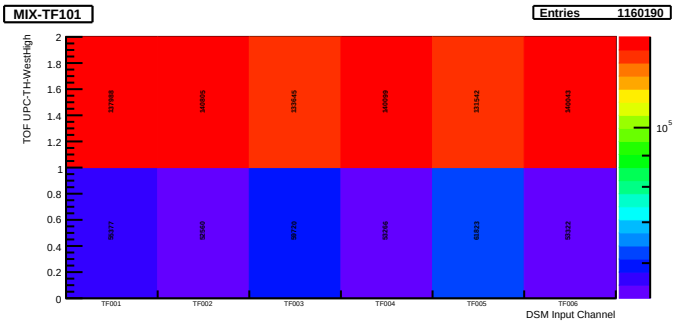

MIX-TF006
Entries 4060665
TOF MULT
TOF tray

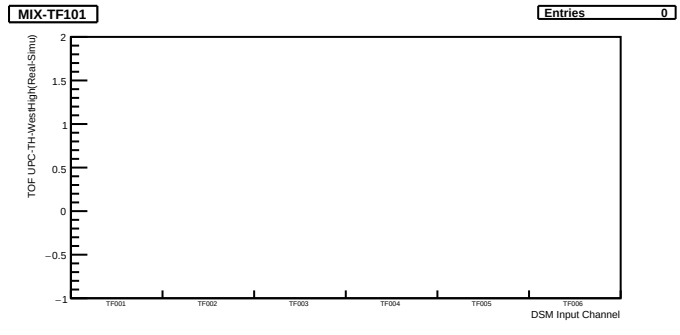

MIX-TF101
Entries 1160190
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

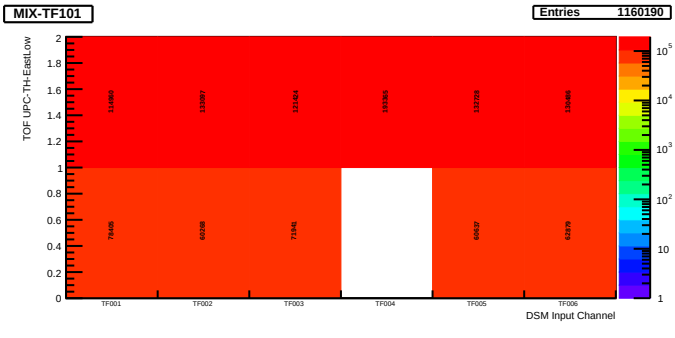

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

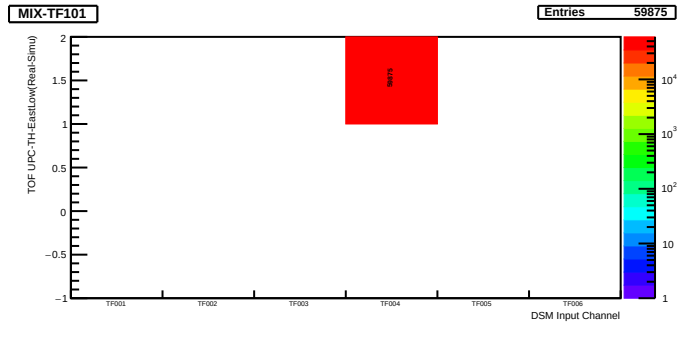

MIX-TF101
Entries 1160190
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

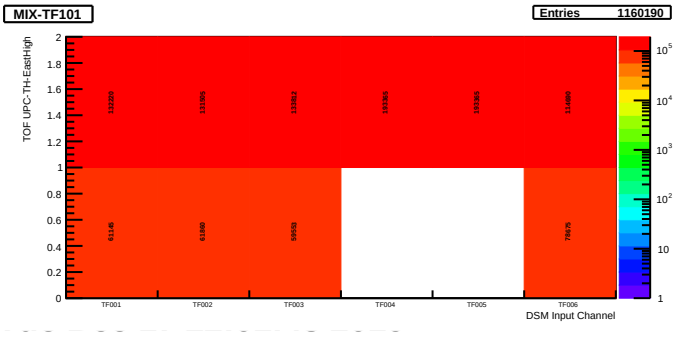

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

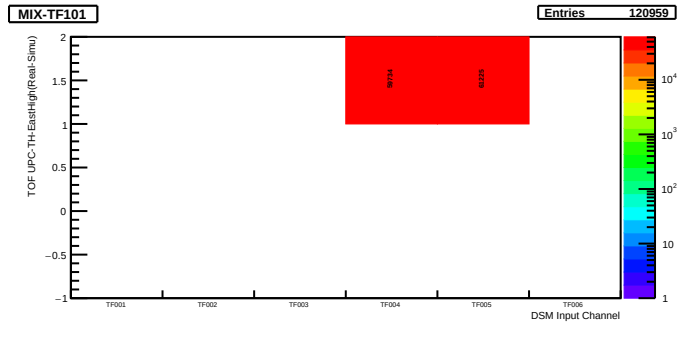

MIX-TF101
Entries 1160190
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

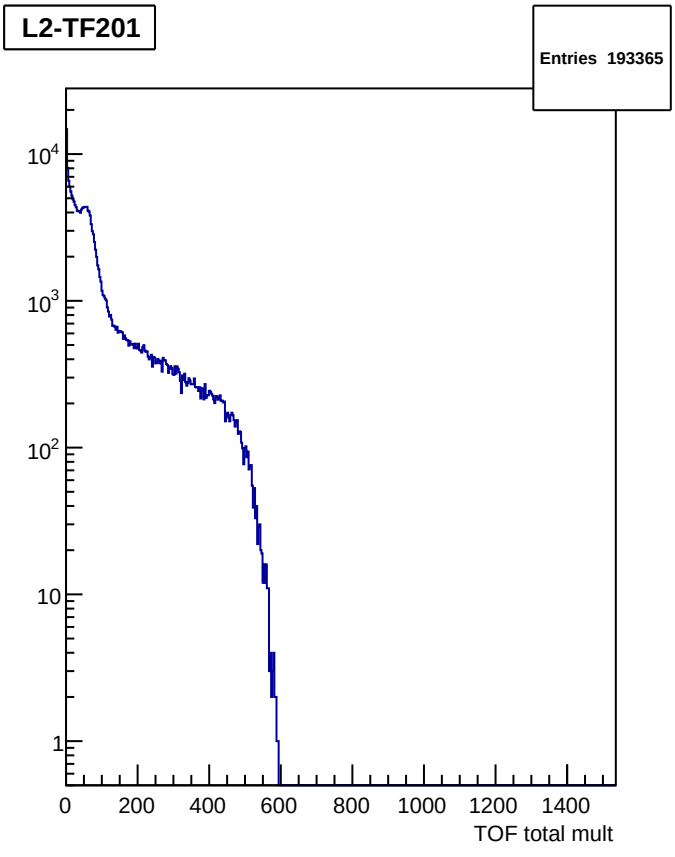

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

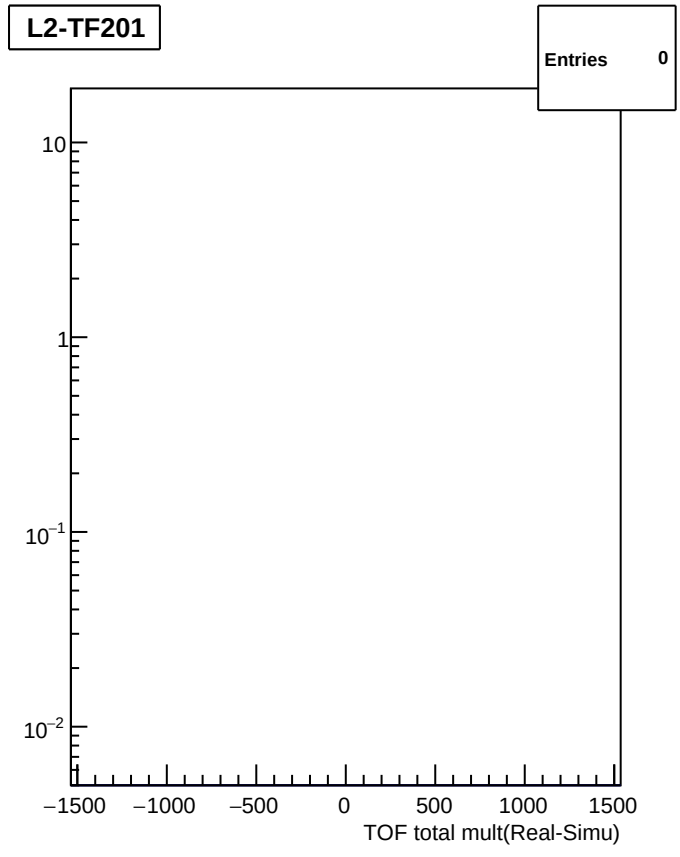

MIX-TF101
Entries 1160190
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

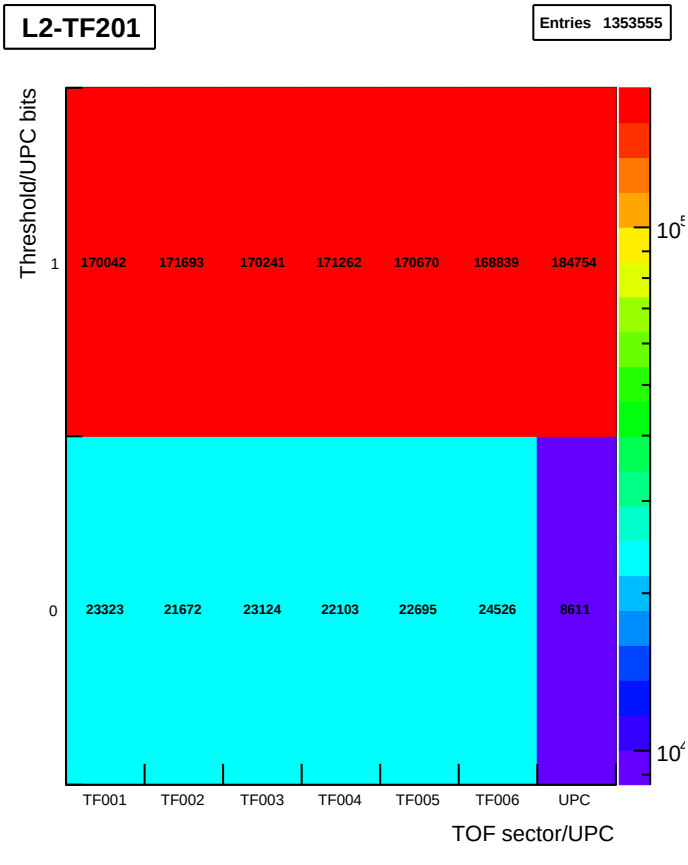

MIX-TF101
Entries 59875
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

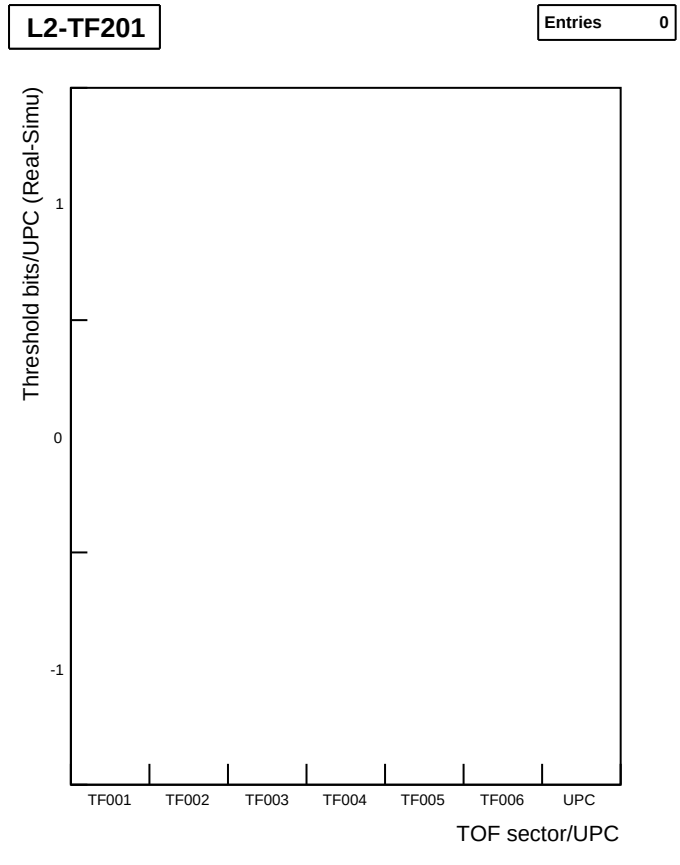

MIX-TF101
Entries 1160190
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

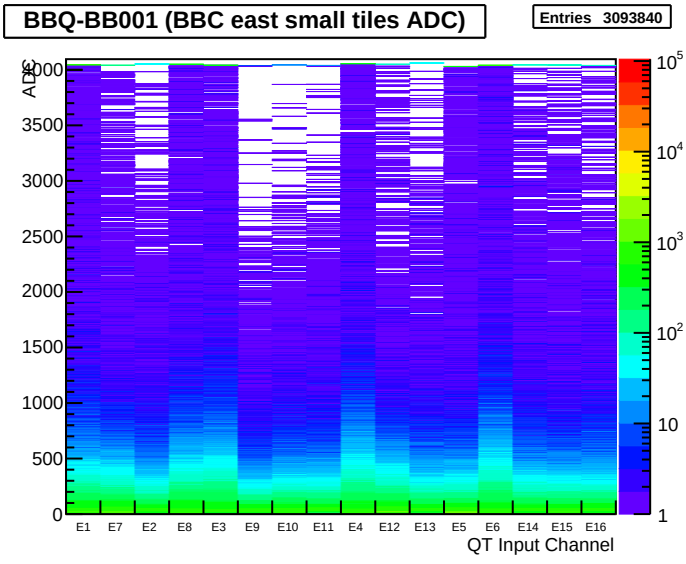

MIX-TF101
Entries 120959
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

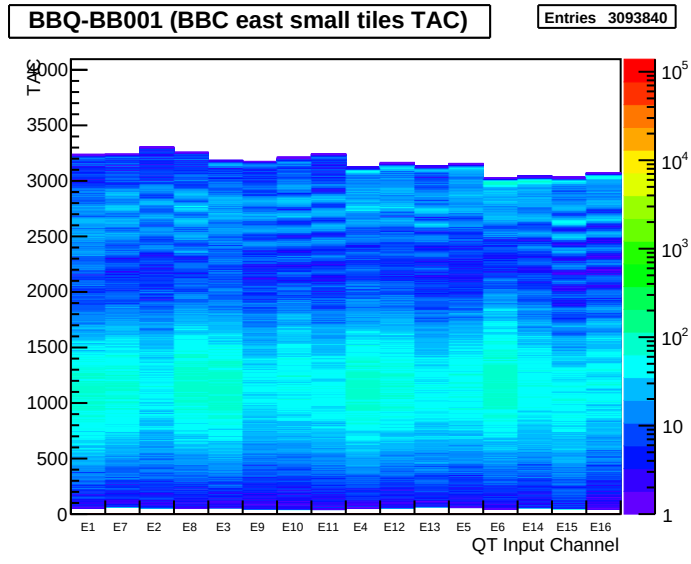

L2-TF201
Entries 193365
TOF total mult

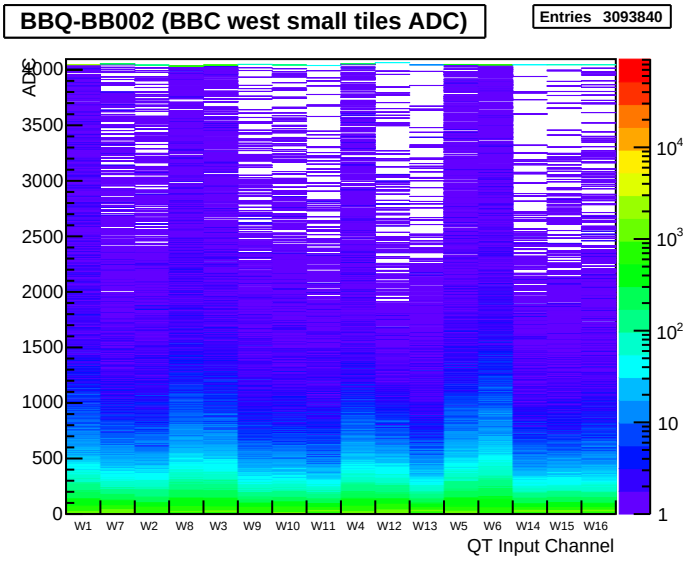

L2-TF201
Entries 0
TOF total mult(Real-Simu)

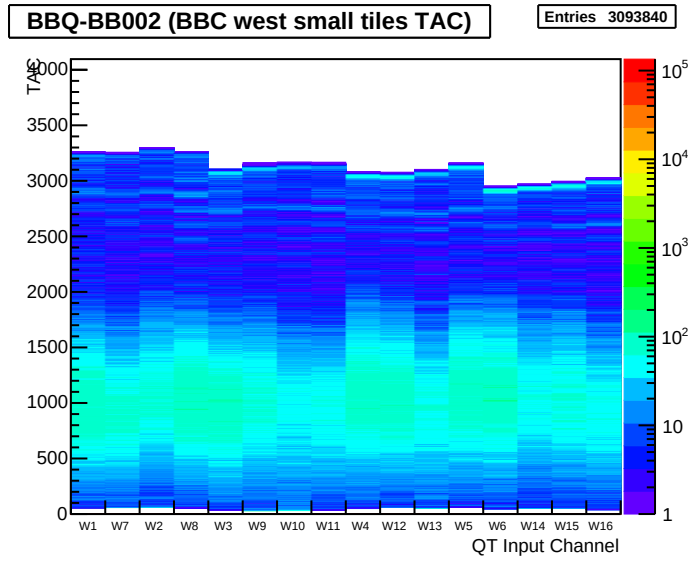

L2-TF201
Entries 1353555
Threshold/UPC bits
170042
171693
170241
171262
170670
168839
184754
23323
21672
23124
22103
22695
24526
8611
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

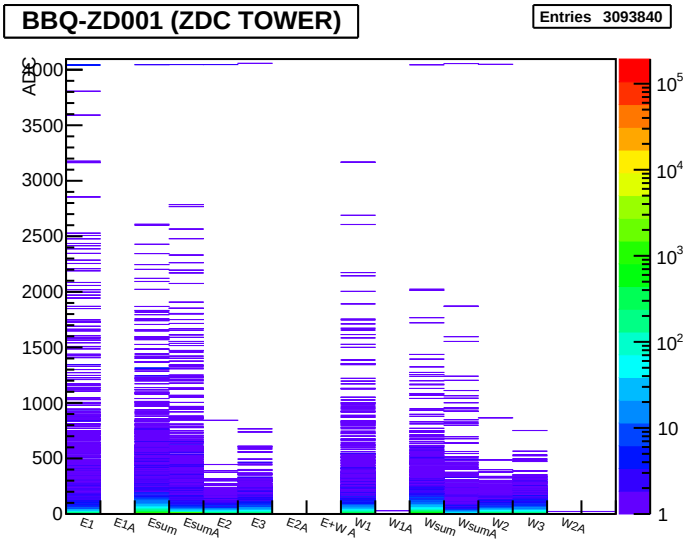

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

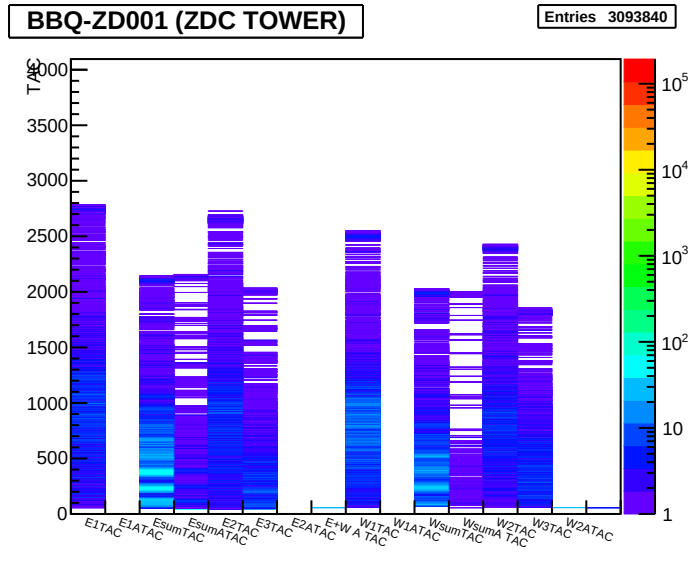

BBQ-BB001 (BBC east small tiles ADC)
Entries 3093840
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

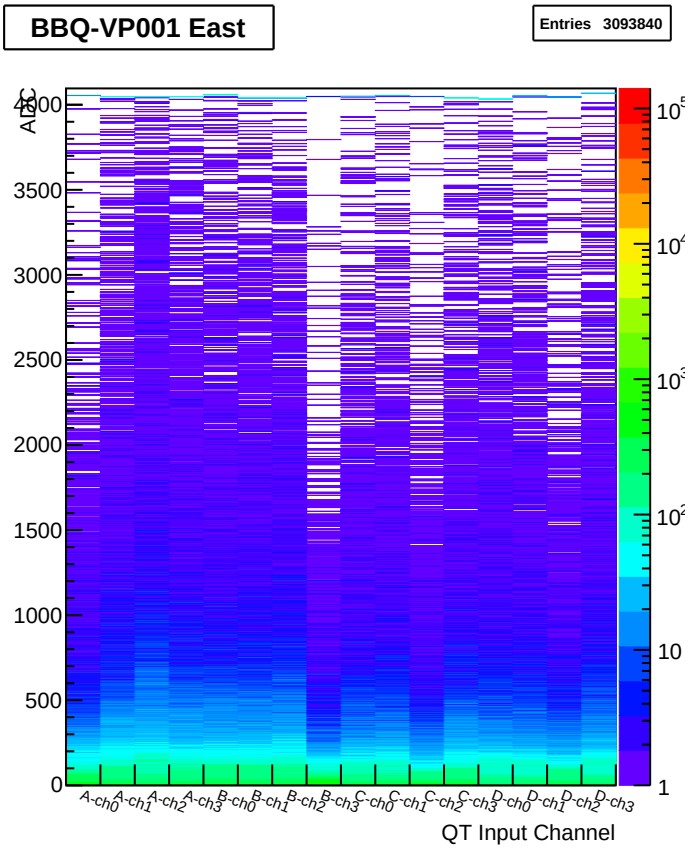

BBQ-BB001 (BBC east small tiles TAC)
Entries 3093840
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

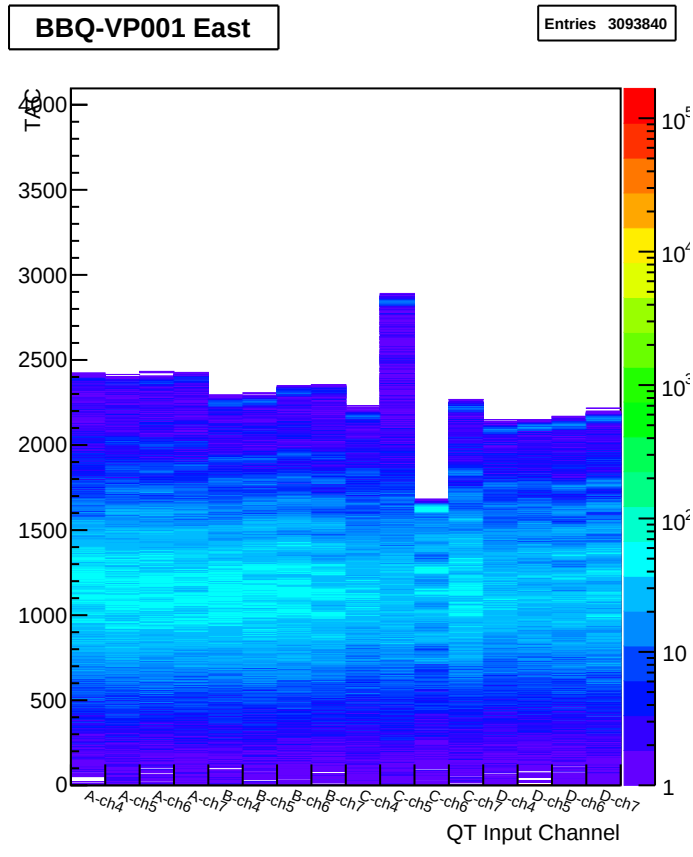

BBQ-BB002 (BBC west small tiles ADC)
Entries 3093840
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

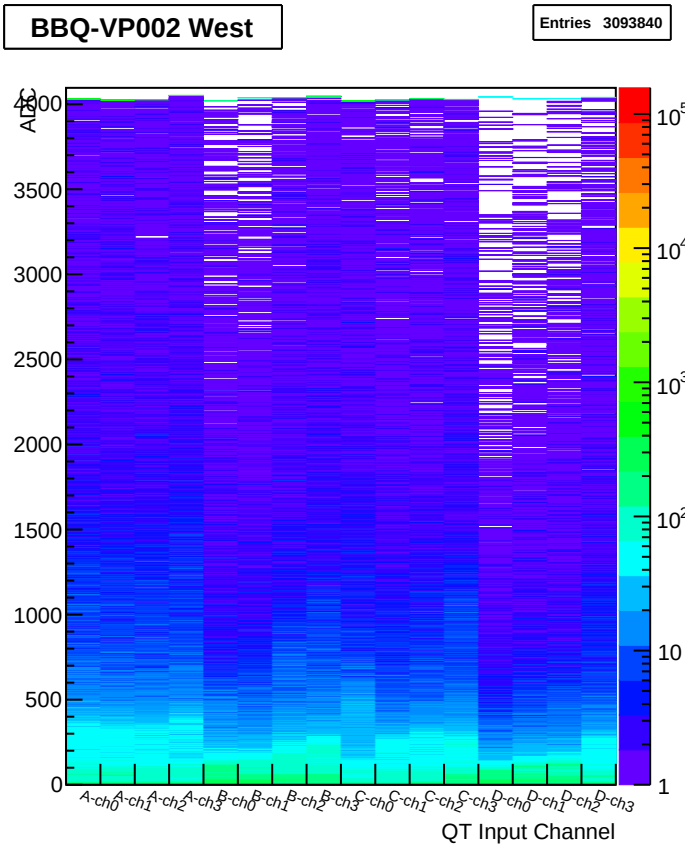

BBQ-BB002 (BBC west small tiles TAC)
Entries 3093840
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

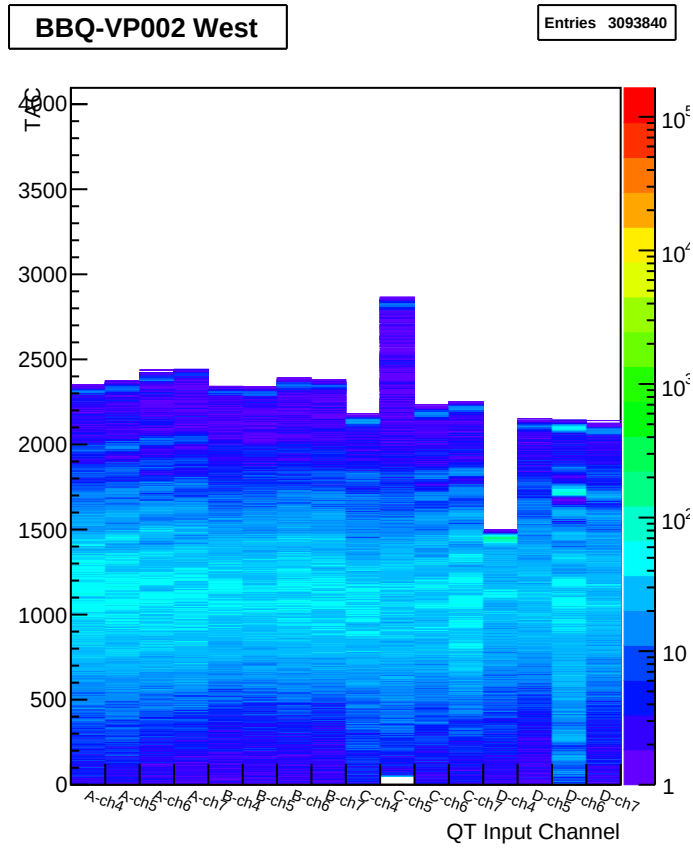

BBQ-ZD001 (ZDC TOWER)
Entries 3093840
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

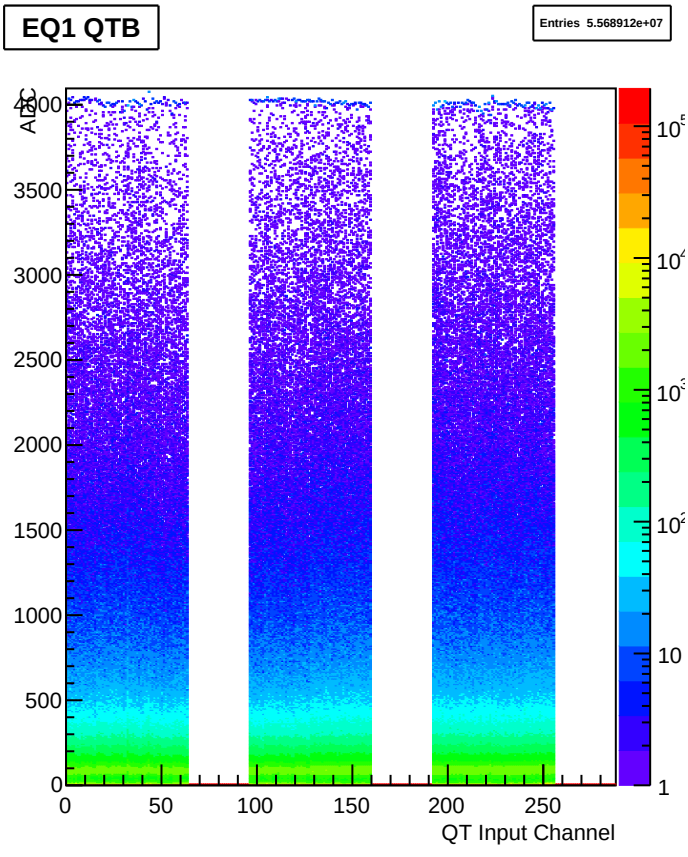

BBQ-ZD001 (ZDC TOWER)
Entries 3093840
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

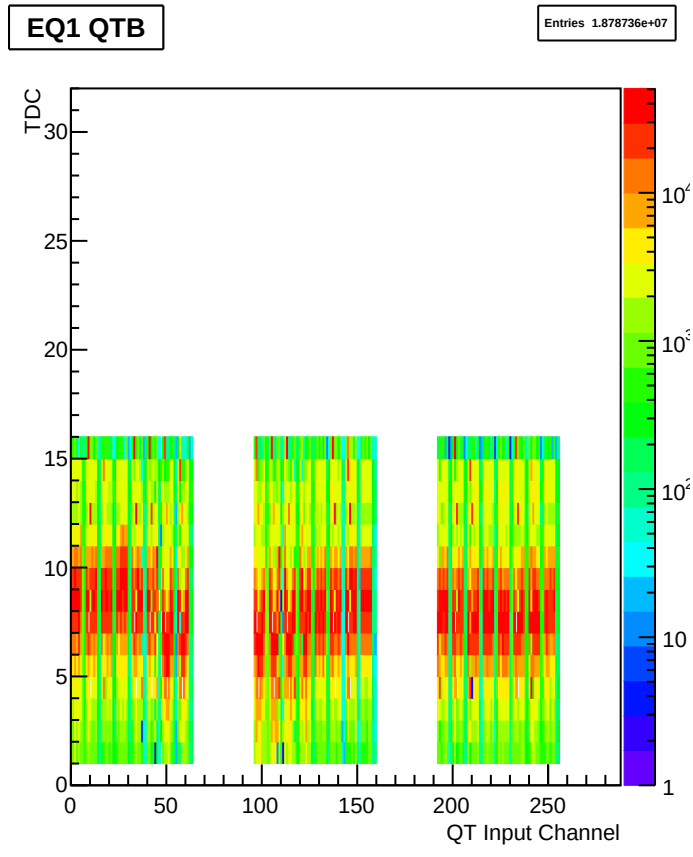

BBQ-VP001 East
Entries 3093840
ADC
QT Input Channel

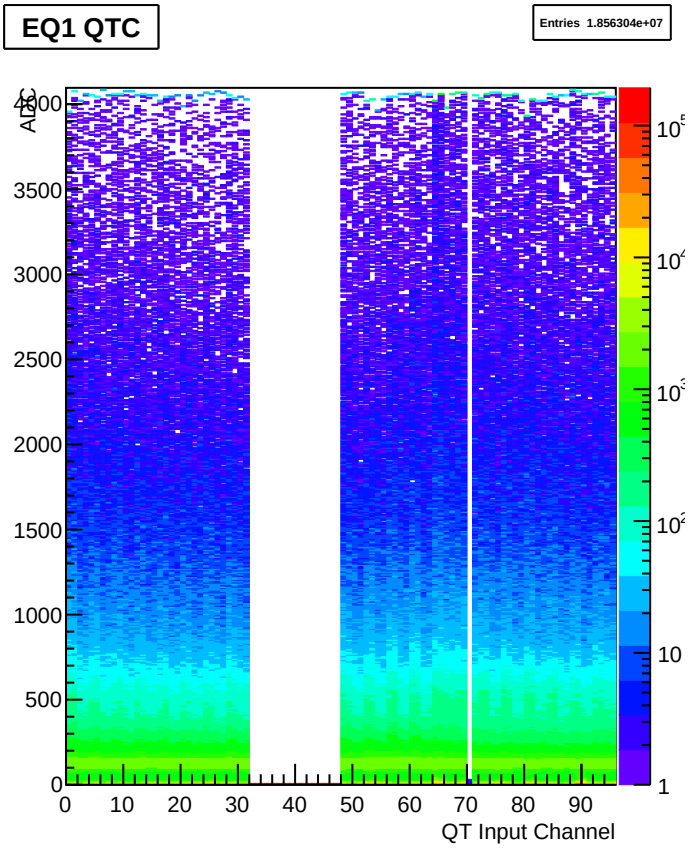

BBQ-VP001 East
Entries 3093840
ADC
QT Input Channel

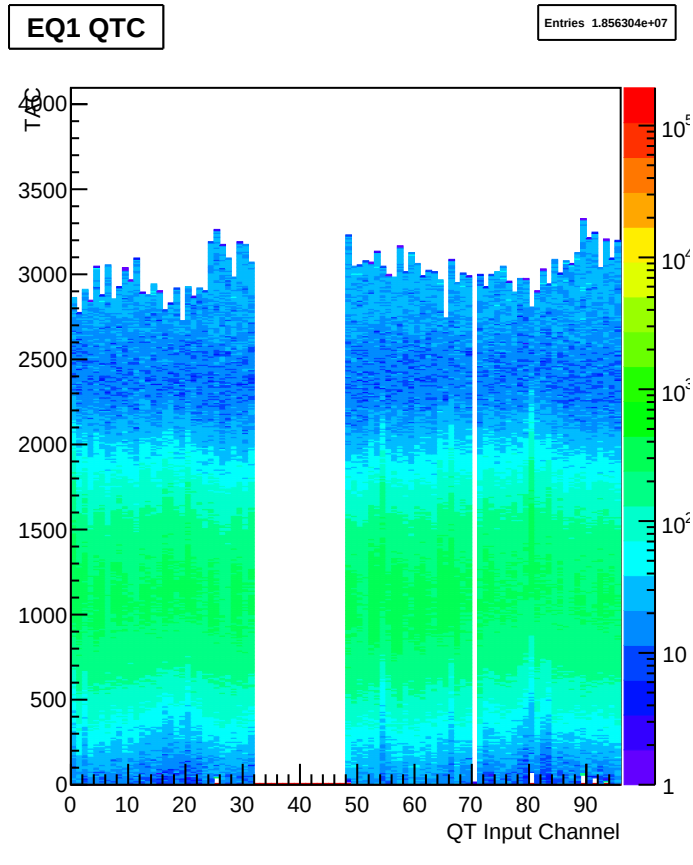

BBQ-VP002 West
Entries 3093840
ADC
QT Input Channel

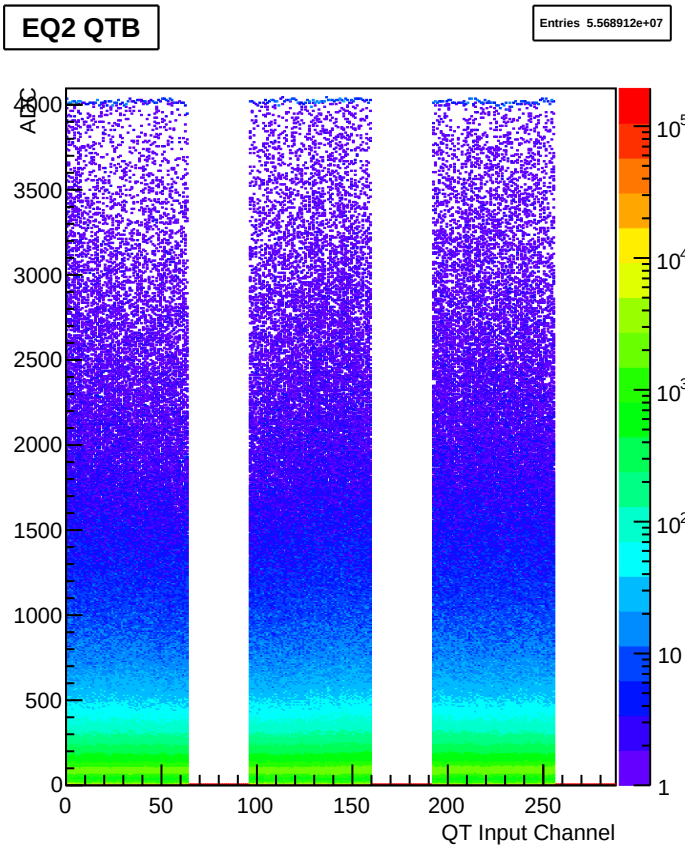

BBQ-VP002 West
Entries 3093840
ADC
QT Input Channel

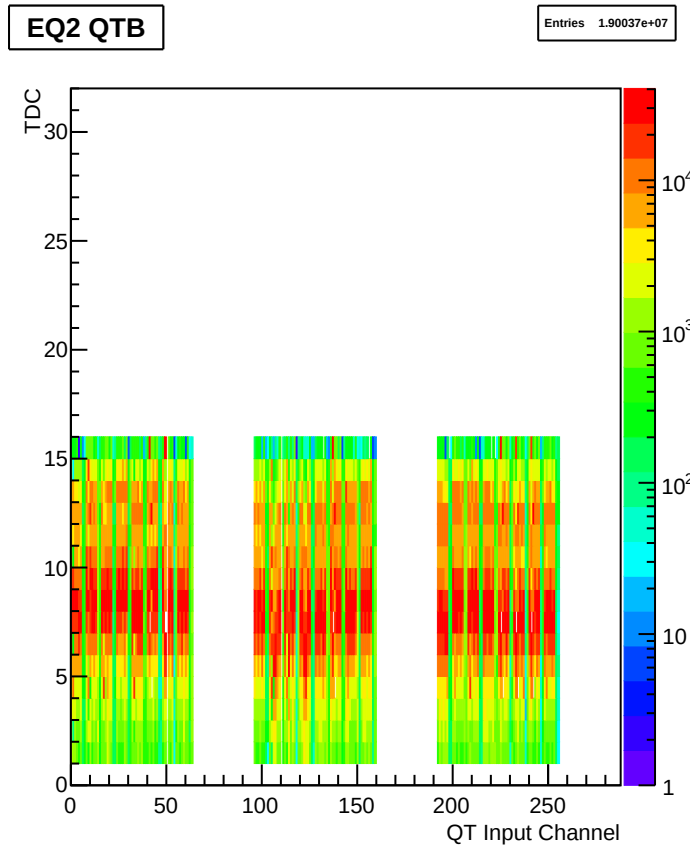

EQ1 QTB
Entries 5.568912e+07
ADC
QT Input Channel

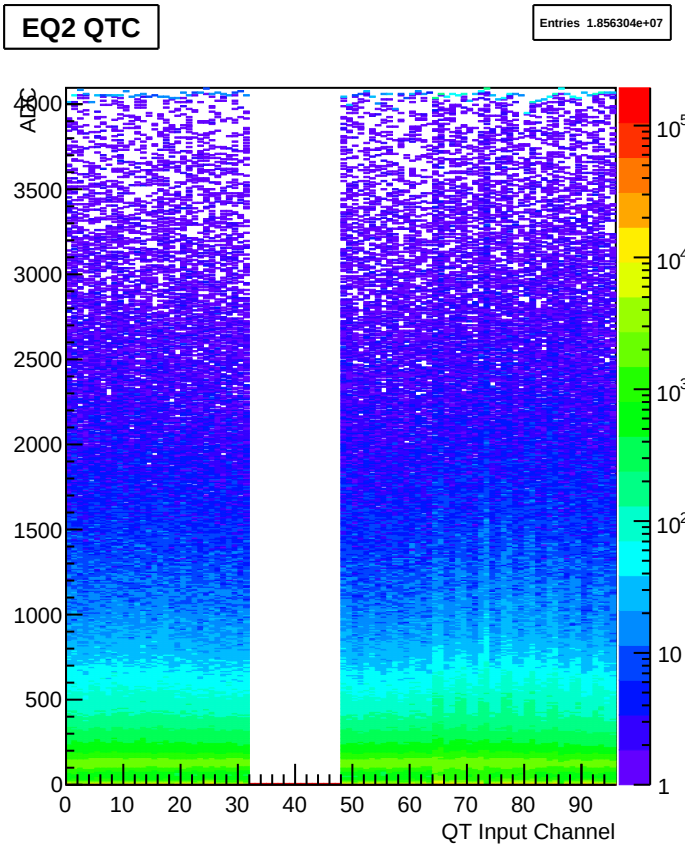

EQ1 QTB
Entries 1.878736e+07
TDC
QT Input Channel

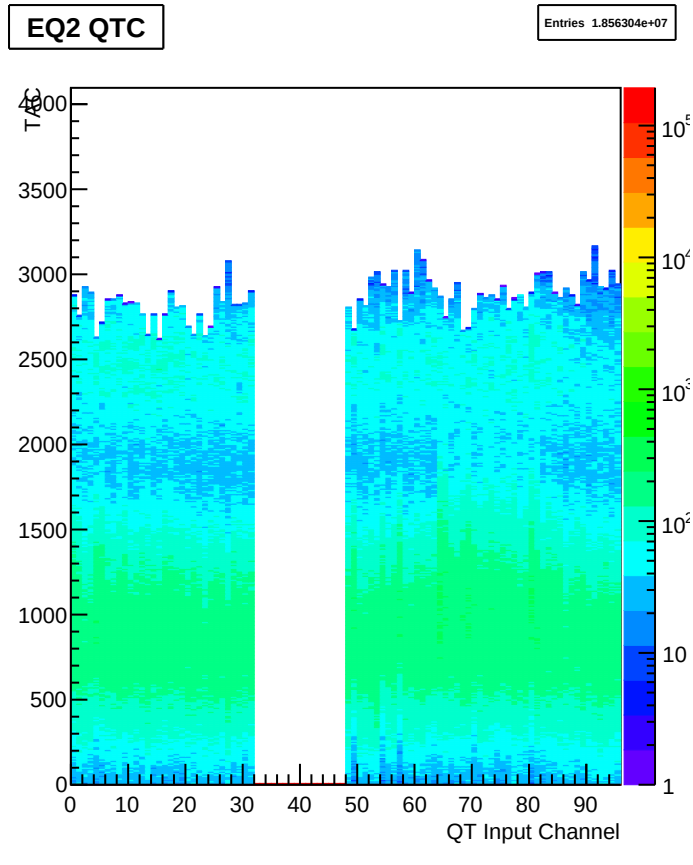

EQ1 QTC
Entries 1.856304e+07
ADC
QT Input Channel

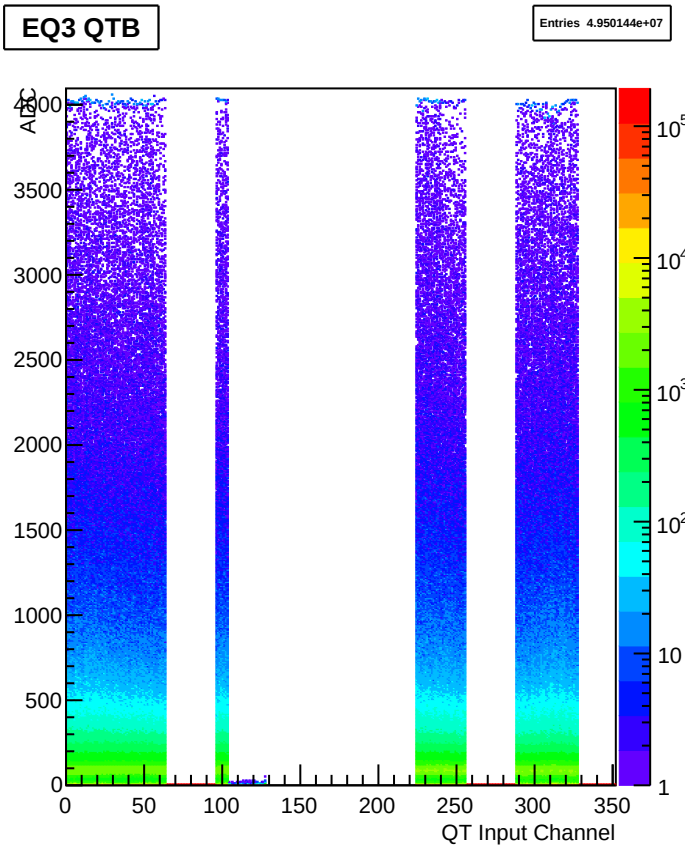

EQ1 QTC
Entries 1.856304e+07
TADC
QT Input Channel

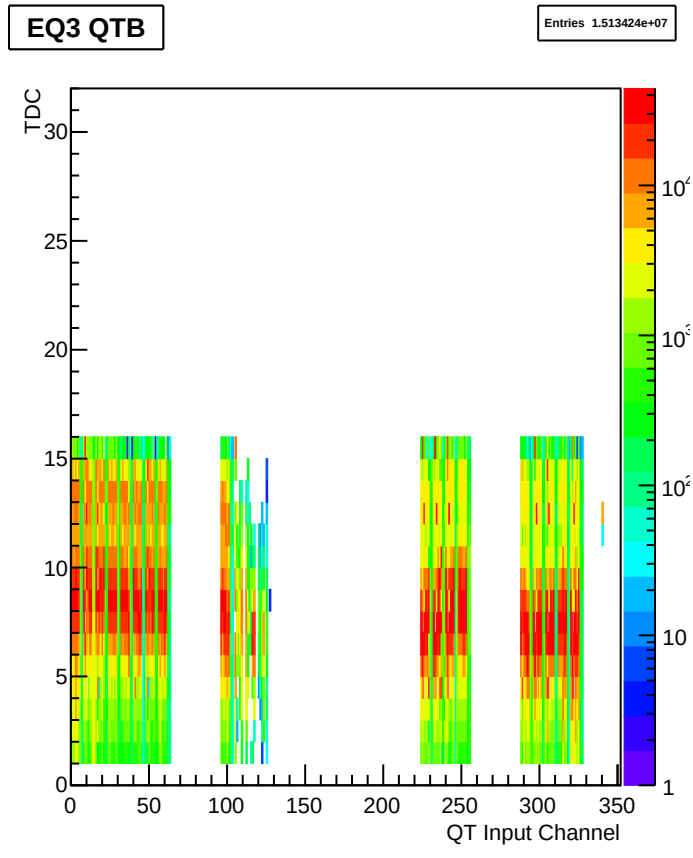

EQ2 QTB
Entries 5.568912e+07
ADC
QT Input Channel

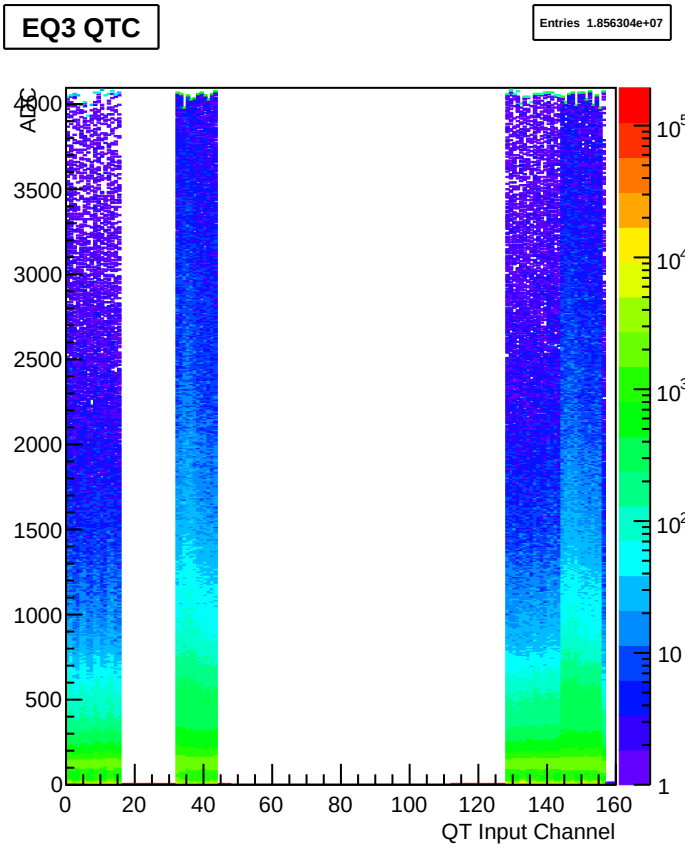

EQ2 QTB
Entries 1.90037e+07
TDC
QT Input Channel

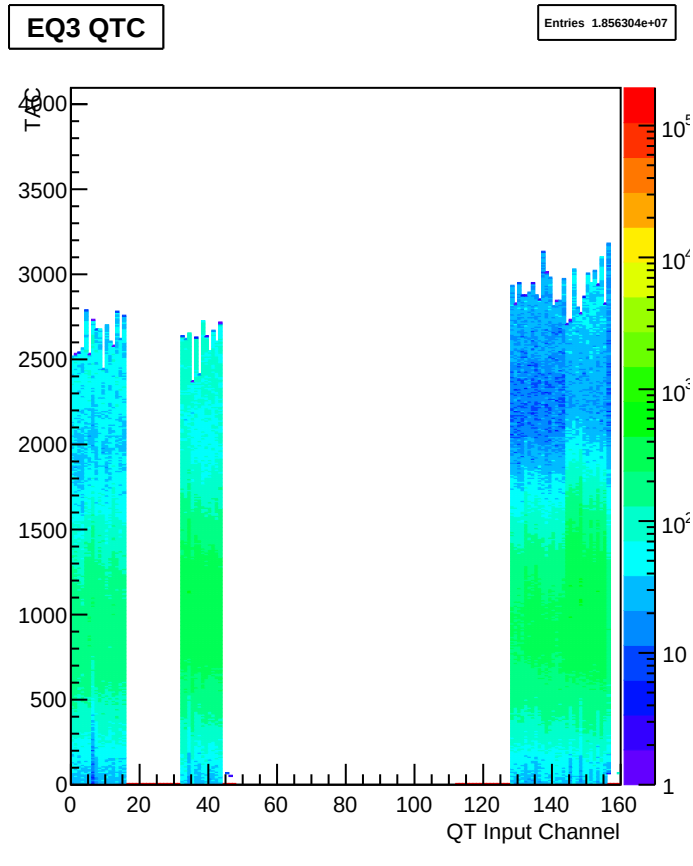

EQ2 QTC
Entries 1.856304e+07
ADC
QT Input Channel

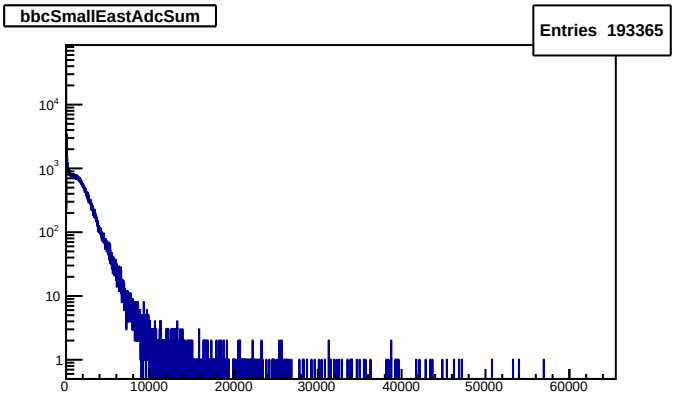

EQ2 QTC
Entries 1.856304e+07
TADC
QT Input Channel

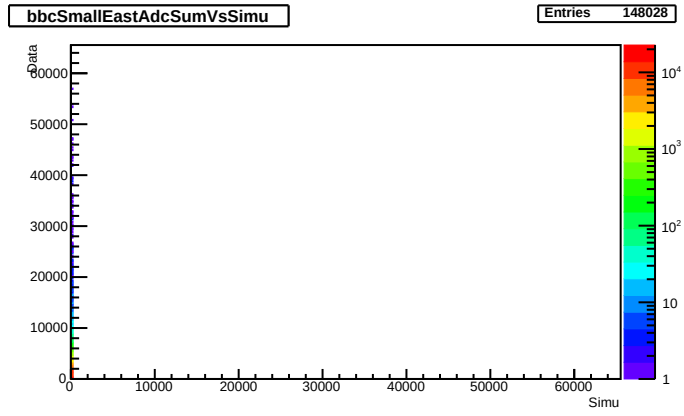

EQ3 QTB
Entries 4.950144e+07
ADC
QT Input Channel

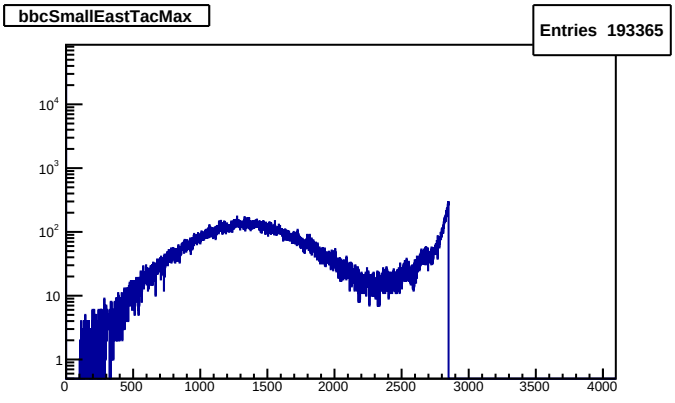

EQ3 QTB
Entries 1.513424e+07
TDC
QT Input Channel

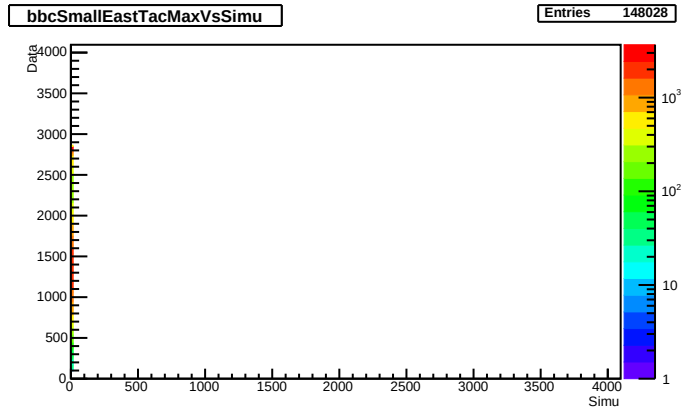

EQ3 QTC
Entries 1.856304e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.856304e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 193365


bbcSmallEastAdcSumVsSimu
Entries 148028
Data
Simu


bbcSmallEastTacMax
Entries 193365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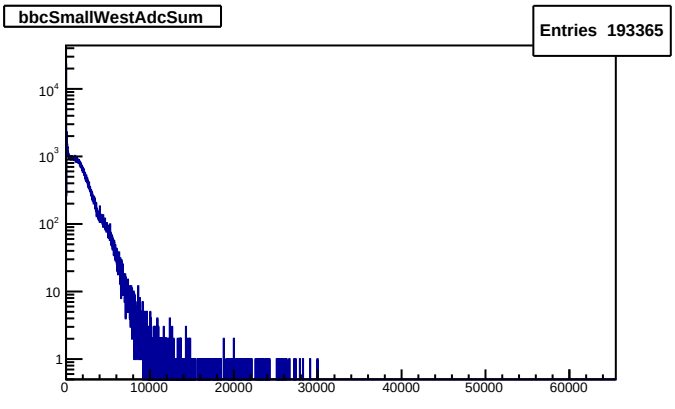
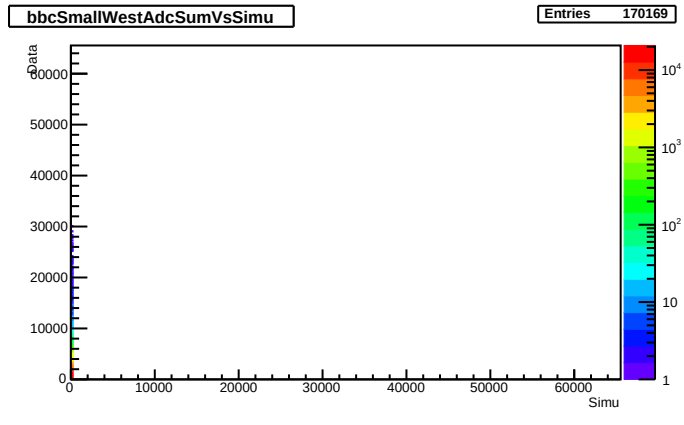
Entries 148028
Data
Simu


bbcSmallWestAdcSum
Entries 193365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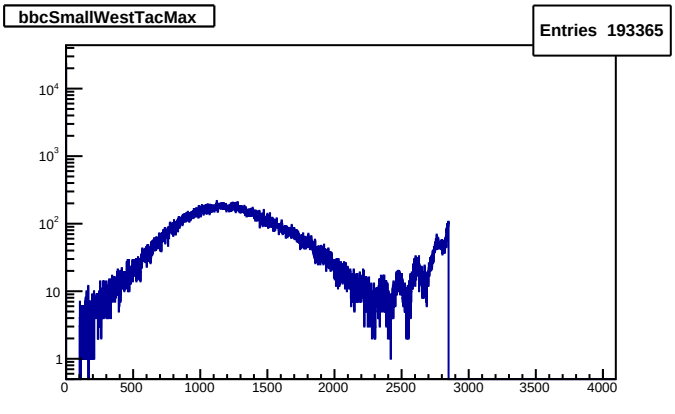
Entries 170169
Data
Simu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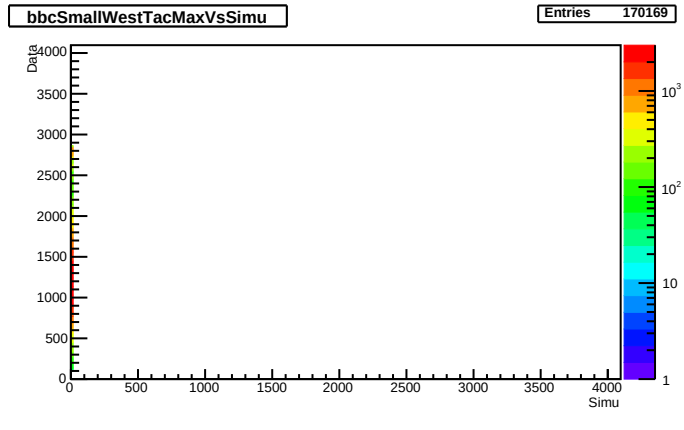
Entries 193365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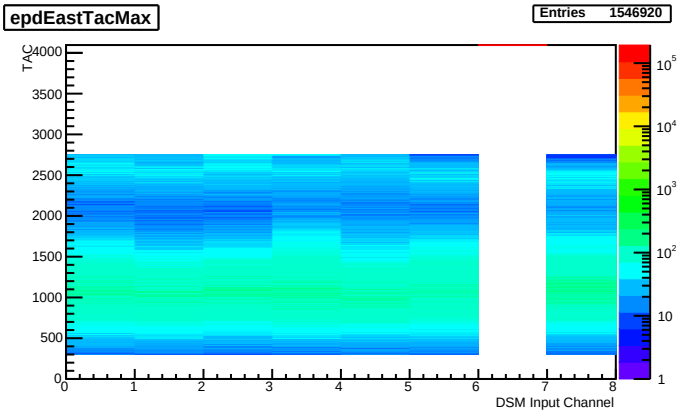
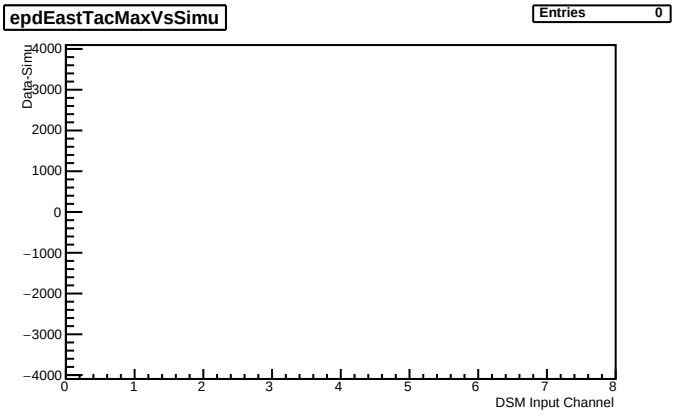
Entries 170169
Data
Simu


epdEastTacMax
Entries 1546920
TAC
DSM Input Channel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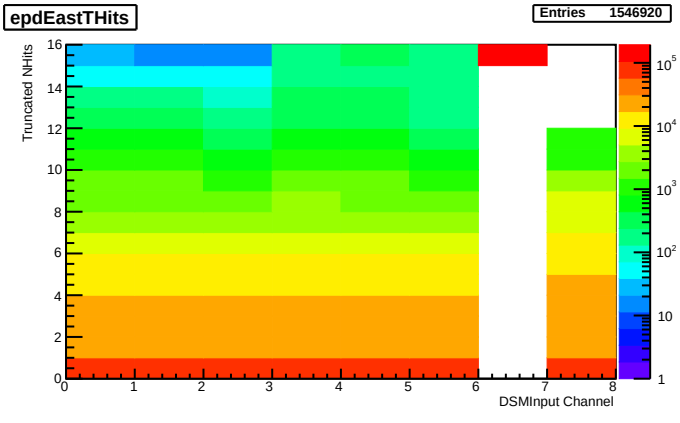
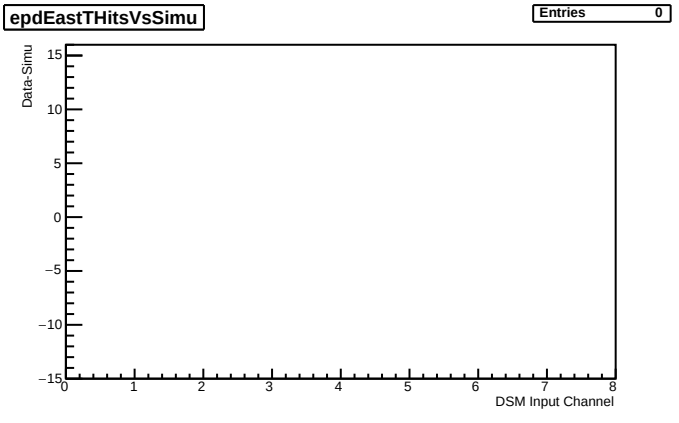
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1546920
Truncated NHits
DSMInput Channel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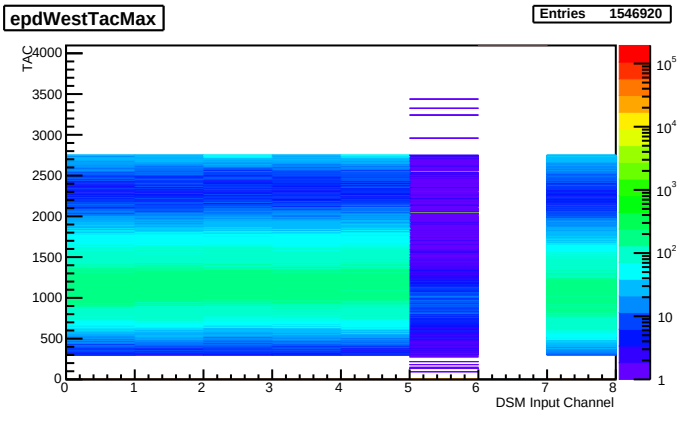
DSM Input Channel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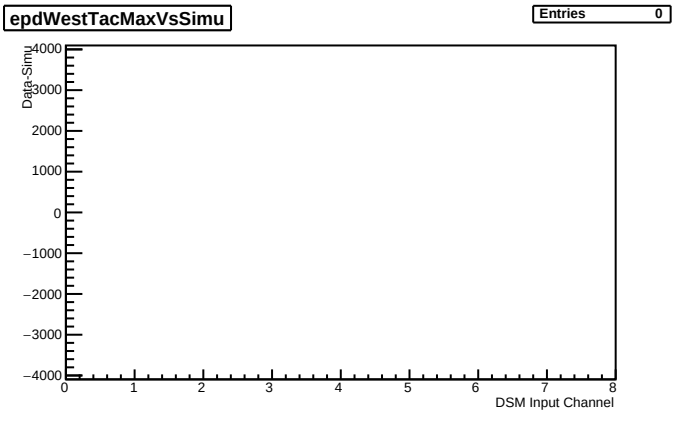
Entries 1546920
TAC
DSM Input Channel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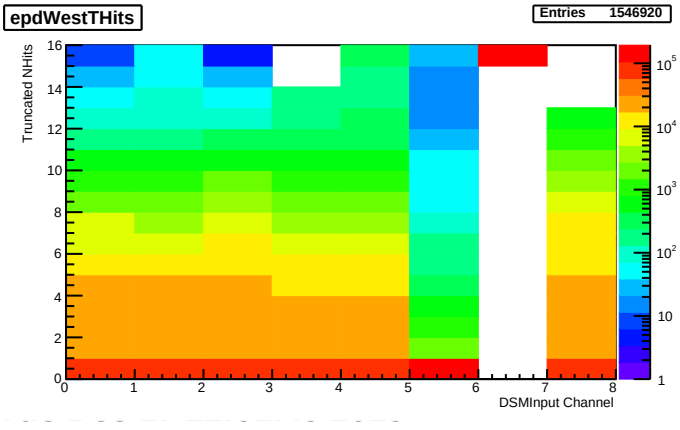
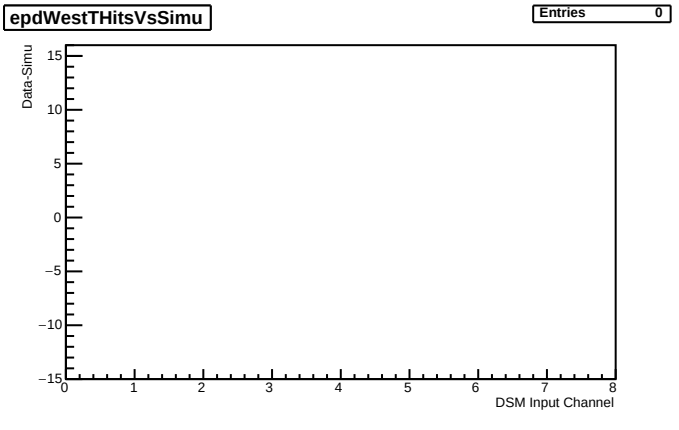
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1546920
Truncated NHits
DSMInput Channel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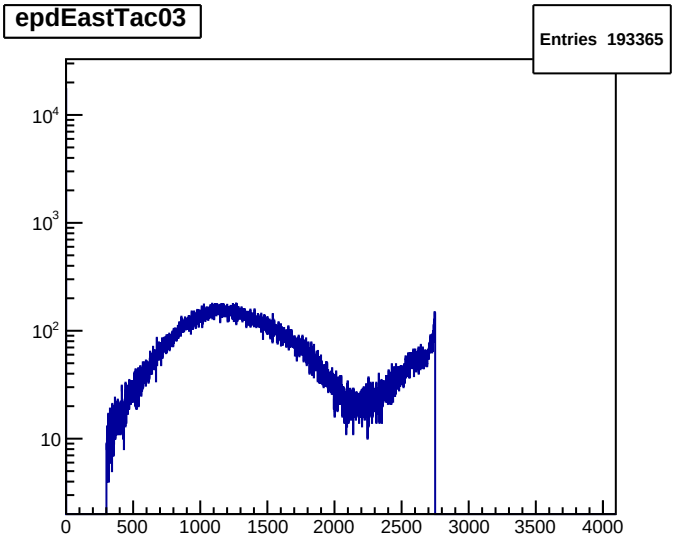
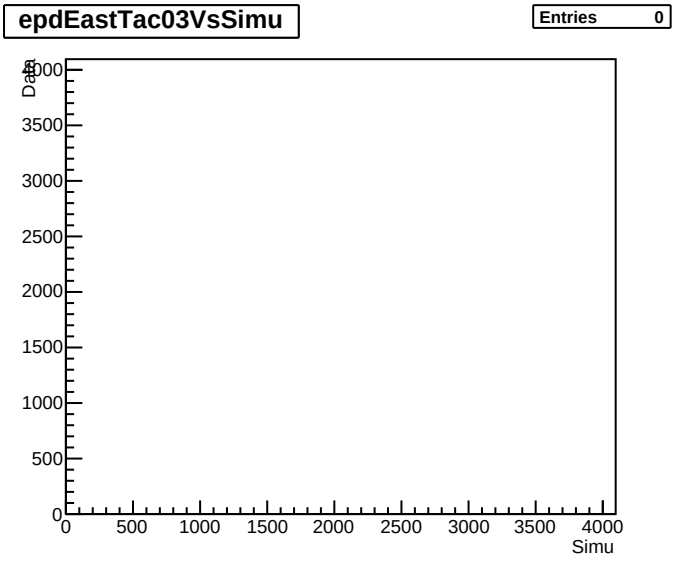
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 193365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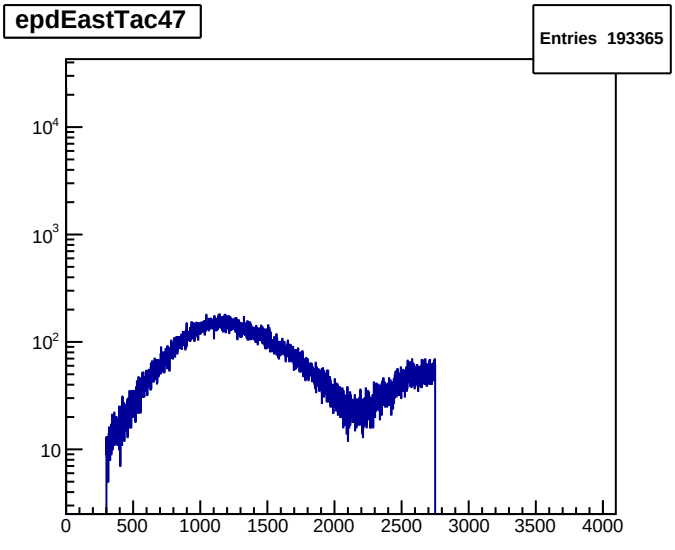
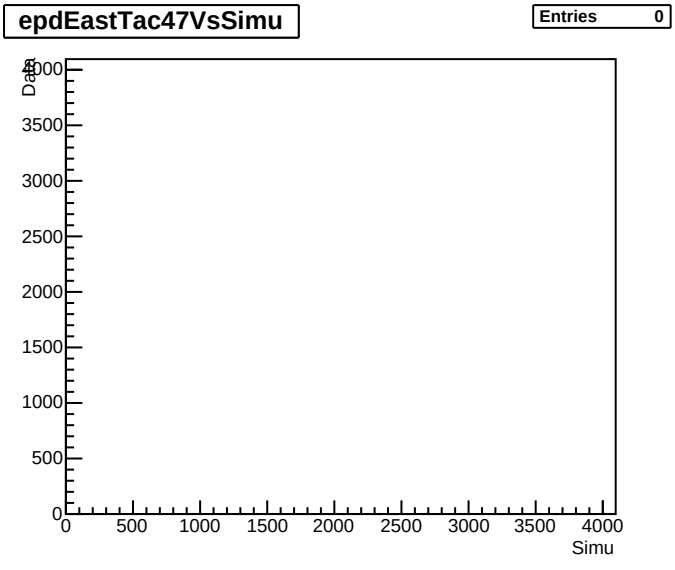
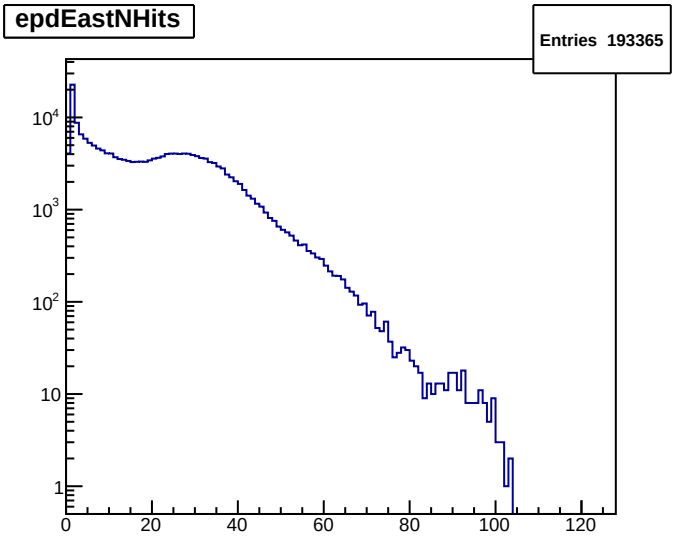
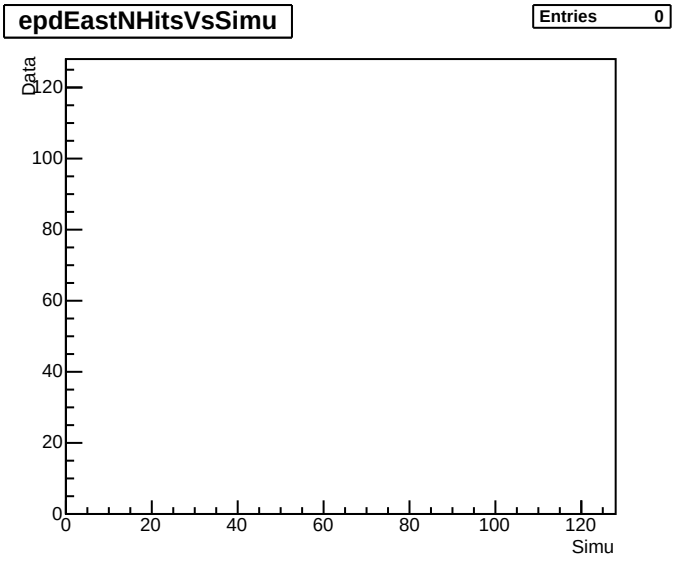
Entries 0
Data
Simu


epdEastTac47
Entries 193365


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 193365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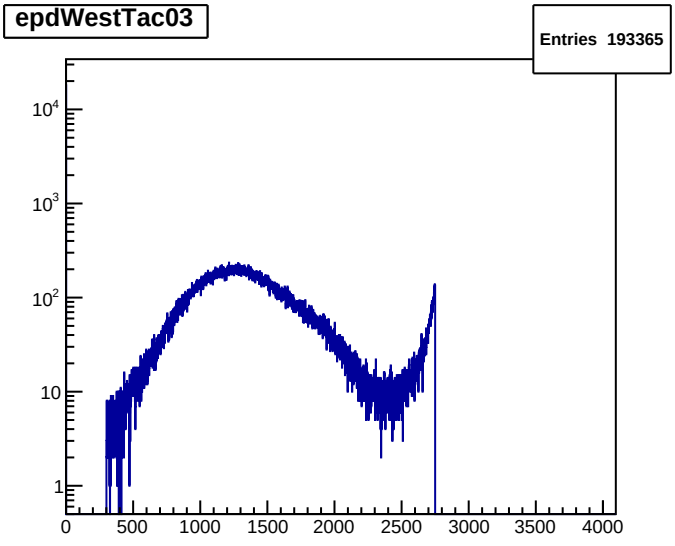
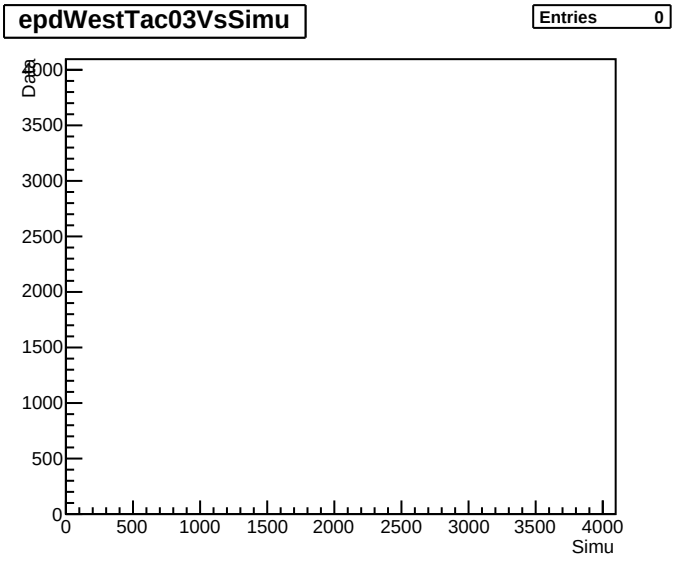
Entries 0
Data
Simu


epdWestTac03
Entries 193365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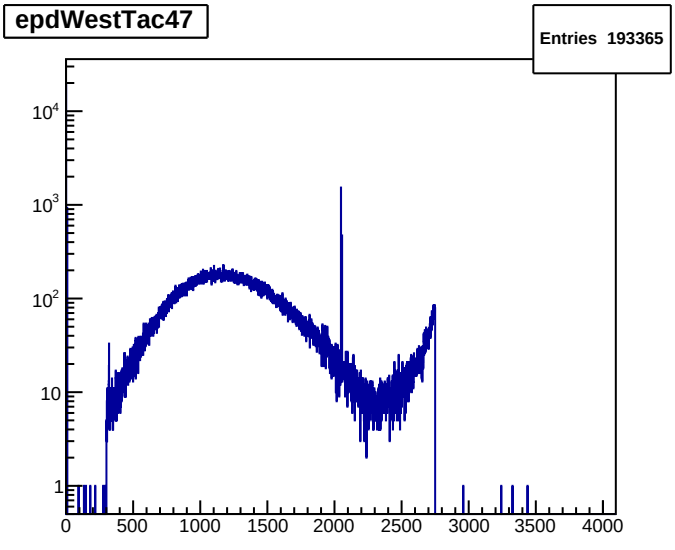
Entries 0
Data
Simu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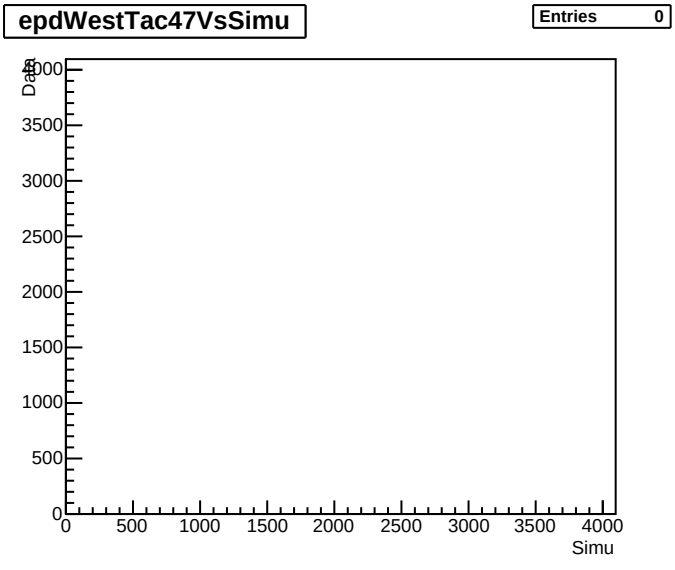
Entries 193365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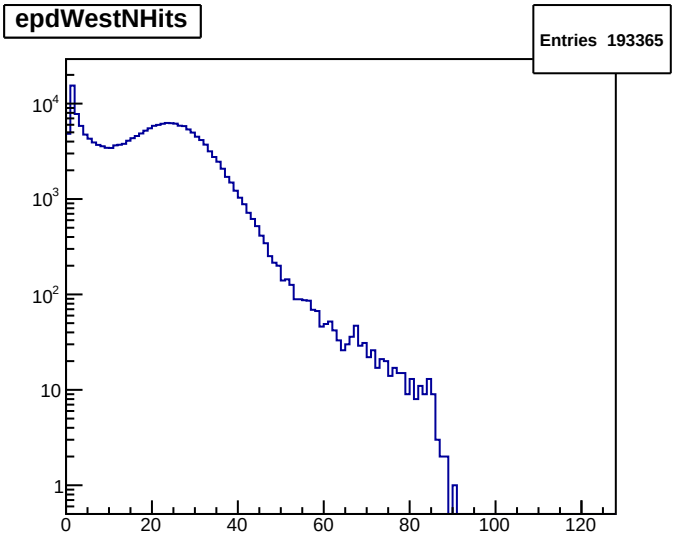
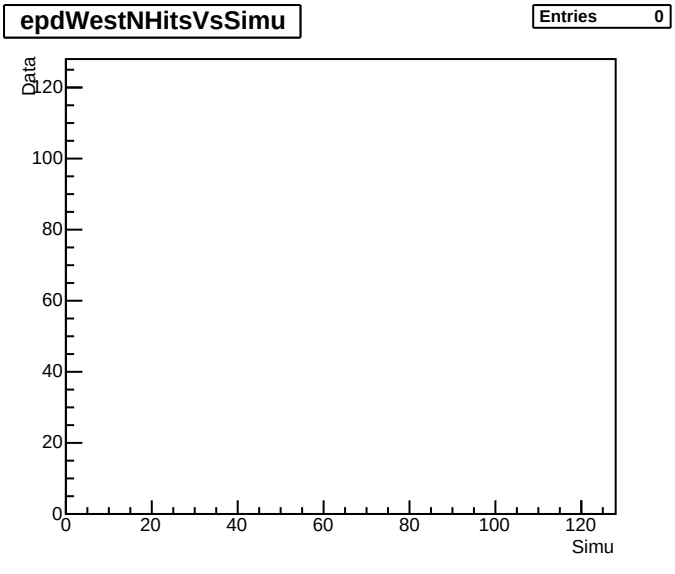
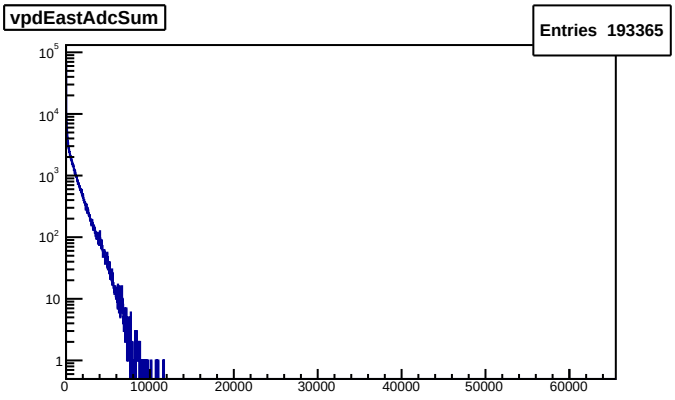
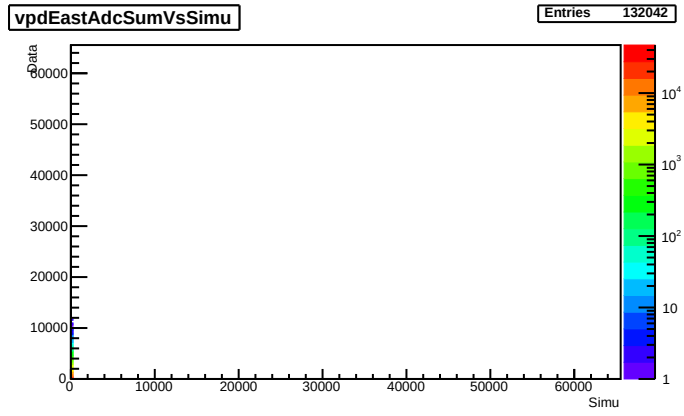
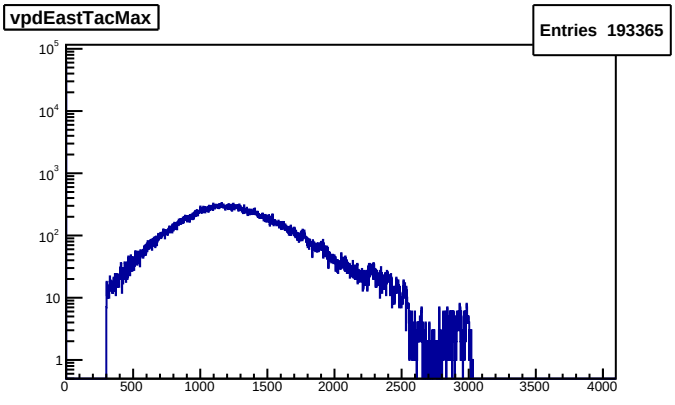
Entries 0
Data
Simu

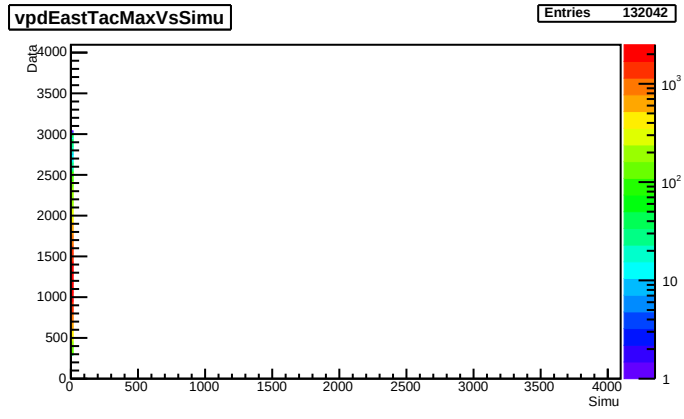

epdWestNHits
Entries 193365

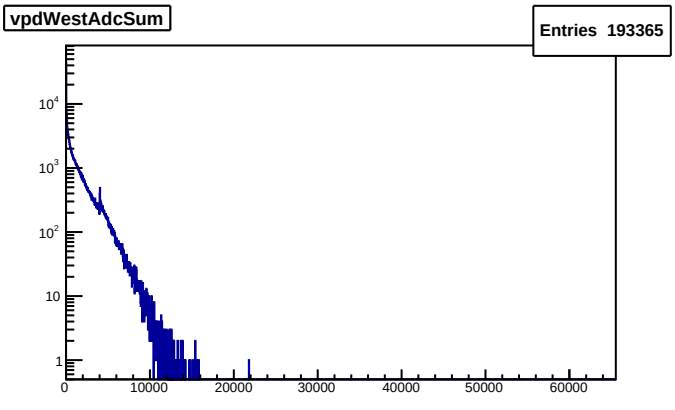

epdWestNHitsVsSimu
Entries 0
Data
Simu

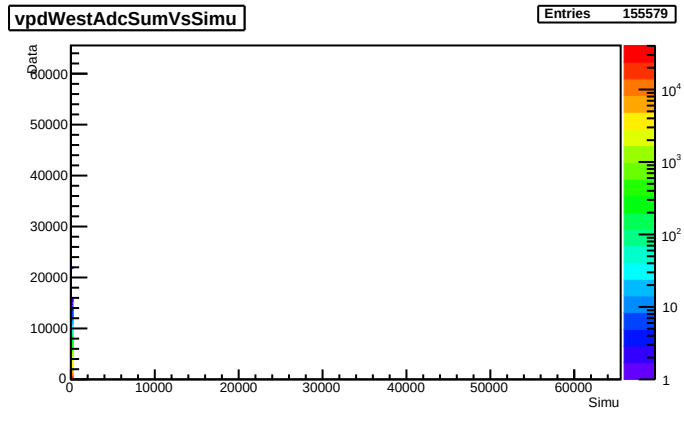

vpdEastAdcSum
Entries 193365

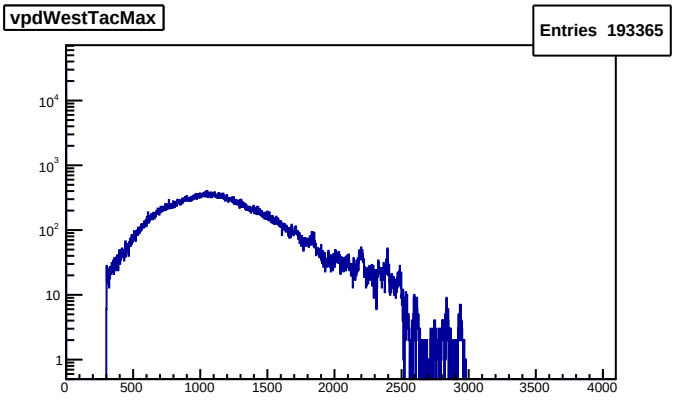

vpdEastAdcSumVsSimu
Entries 132042
Data
Simu

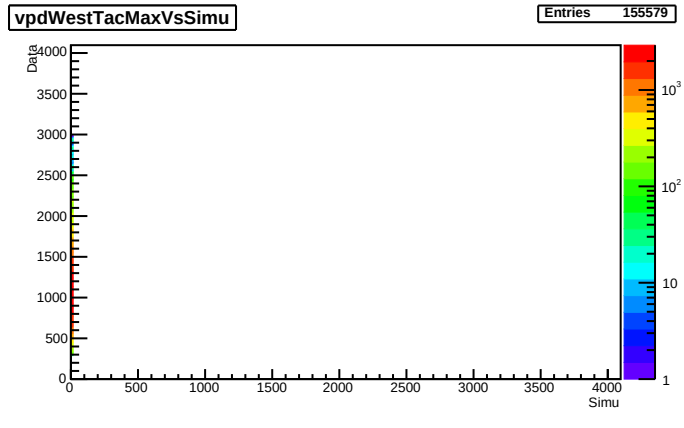

vpdEastTacMax
Entries 193365

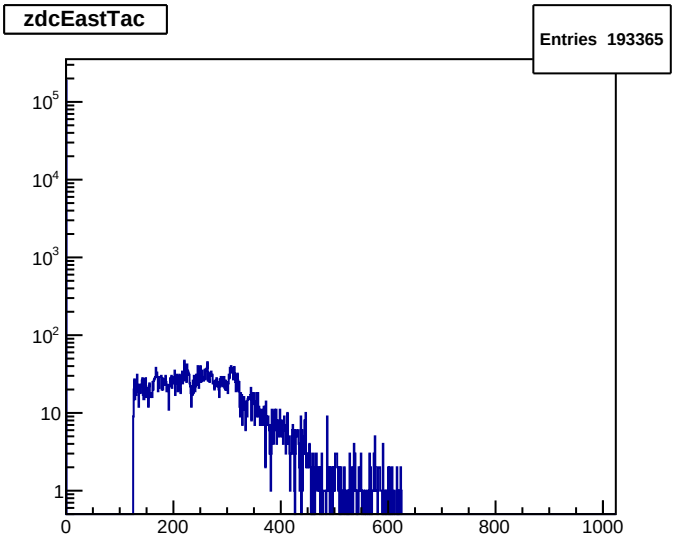

vpdEastTacMaxVsSimu
Entries 132042
Data
Simu

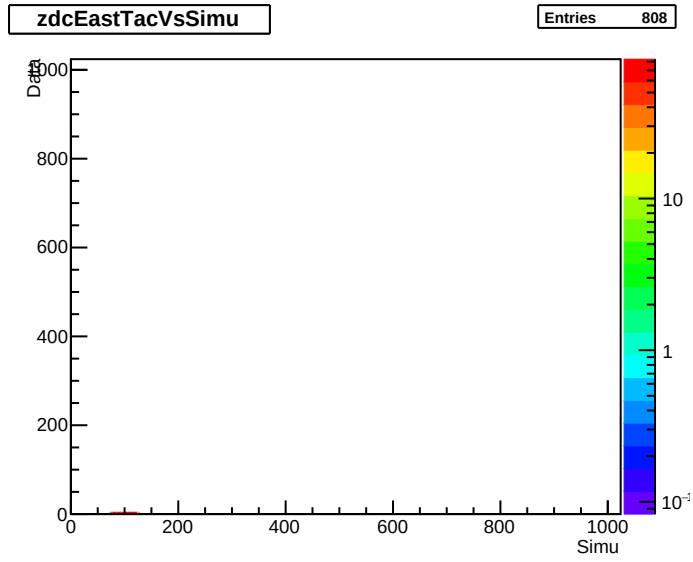

vpdWestAdcSum
Entries 193365

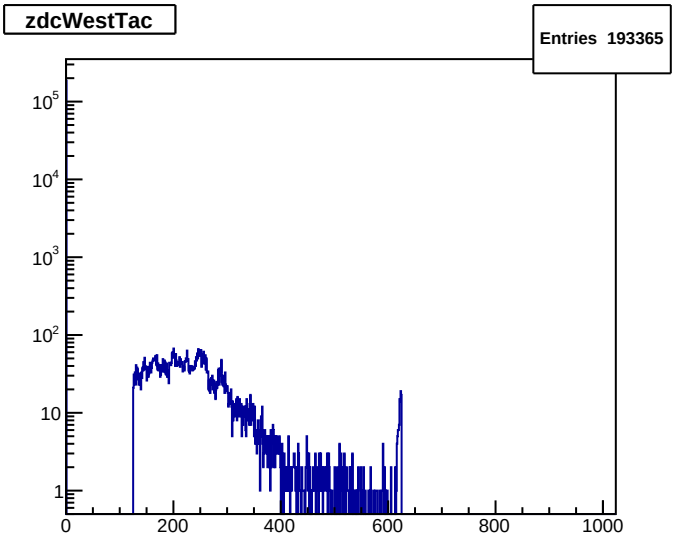

vpdWestAdcSumVsSimu
Entries 155579
Data
Simu

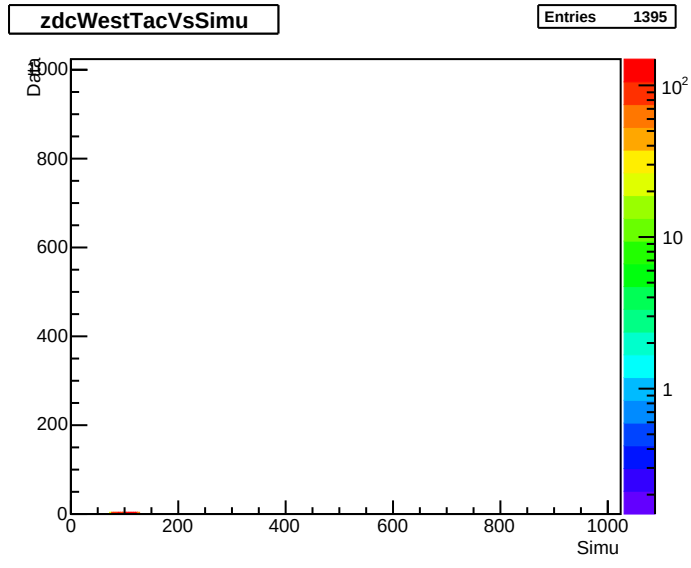

vpdWestTacMax
Entries 193365

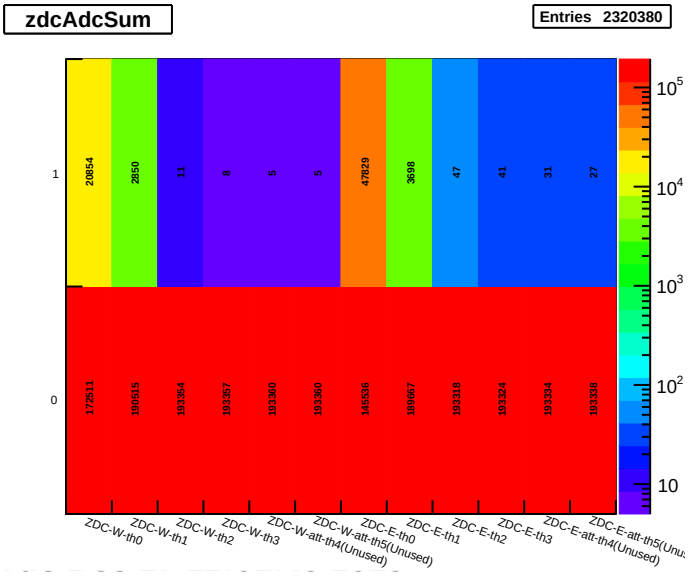

vpdWestTacMaxVsSimu
Entries 155579
Data
Simu

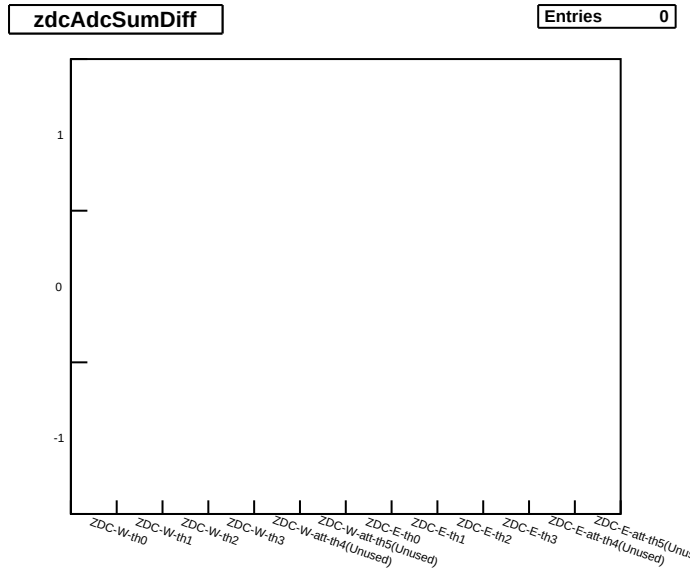

zdcEastTac
Entries 193365

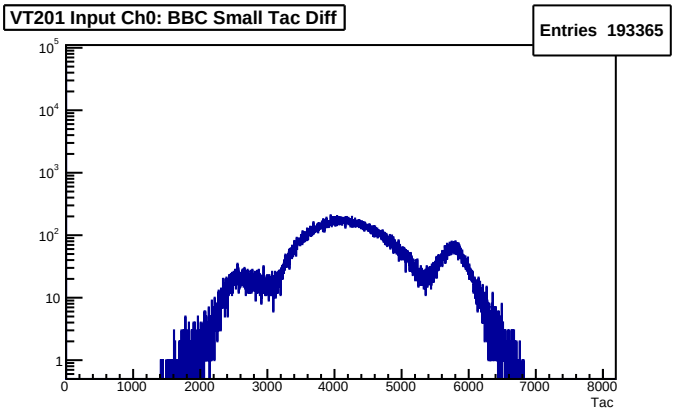

zdcEastTacVsSimu
Entries 808
Data
Simu

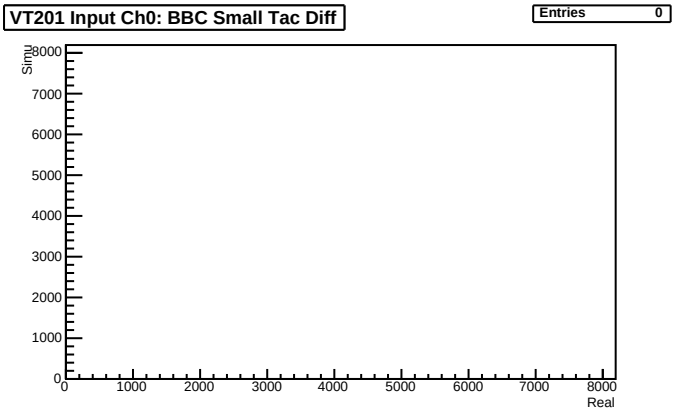

zdcWestTac
Entries 193365

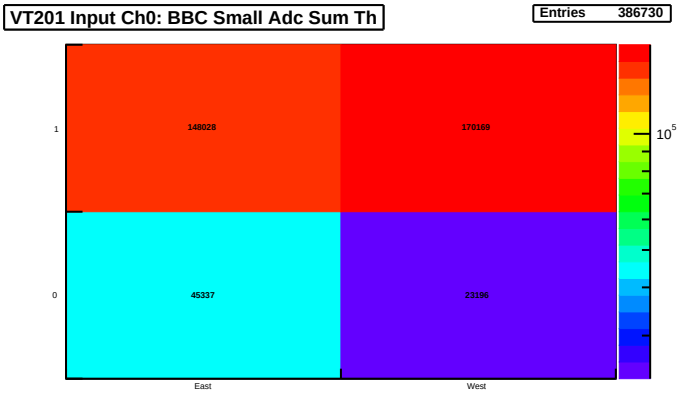

zdcWestTacVsSimu
Entries 1395
Data
Simu

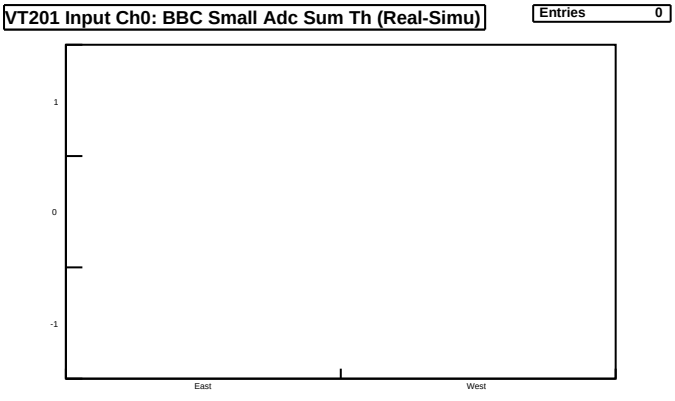

zdcAdcSum
Entries 2320380
20854
2850
11
8
5
5
47829
3698
47
41
31
27
172511
190515
193354
193357
193360
193360
145536
189667
193318
193324
193334
193338
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

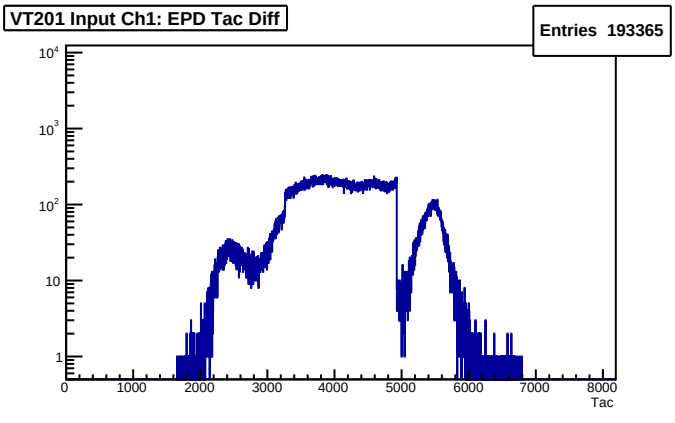

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

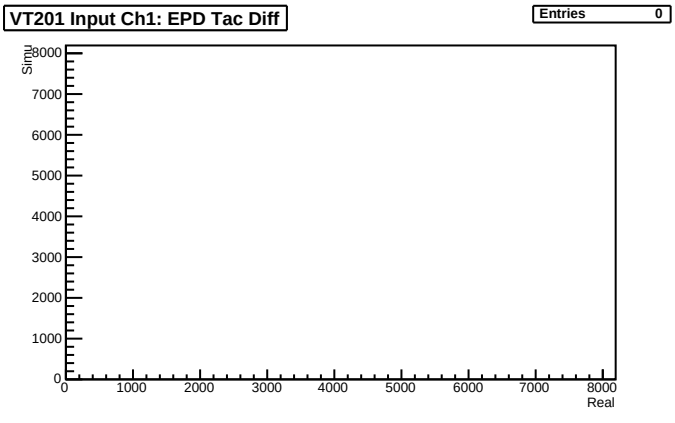

VT201 Input Ch0: BBC Small Tac Diff
Entries 193365
Tac

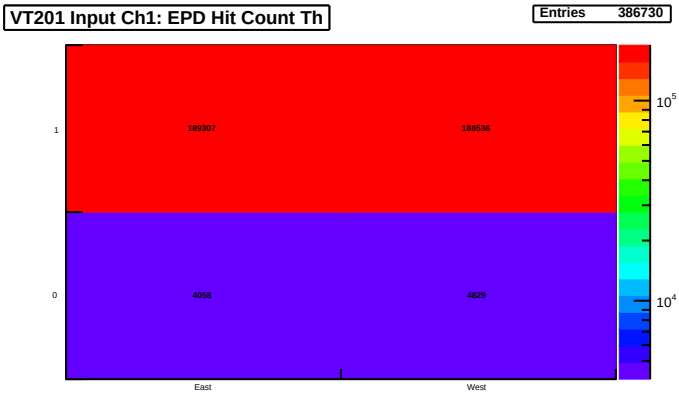

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

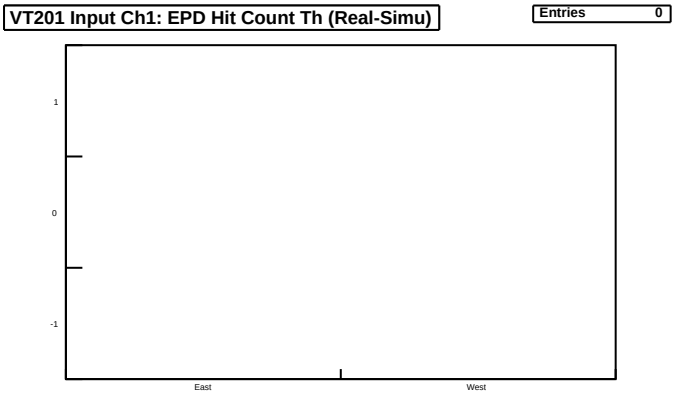

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 386730
148028
170169
45337
23196
East
West

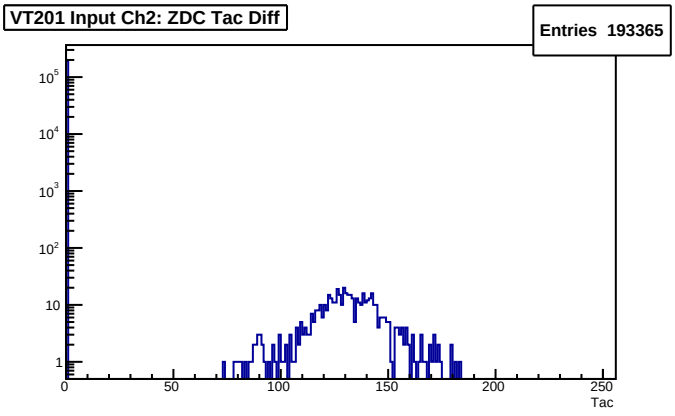

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

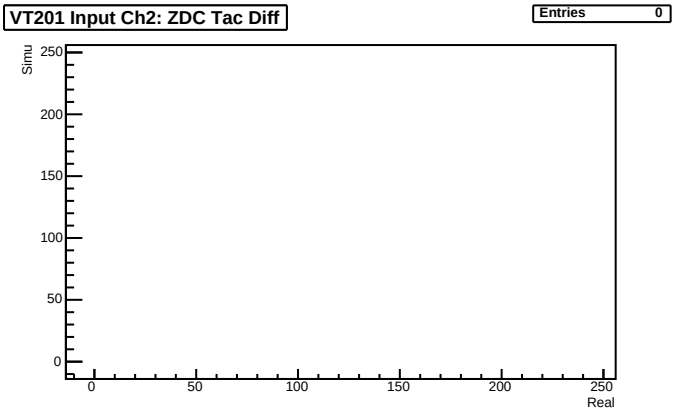

VT201 Input Ch1: EPD Tac Diff
Entries 193365
Tac

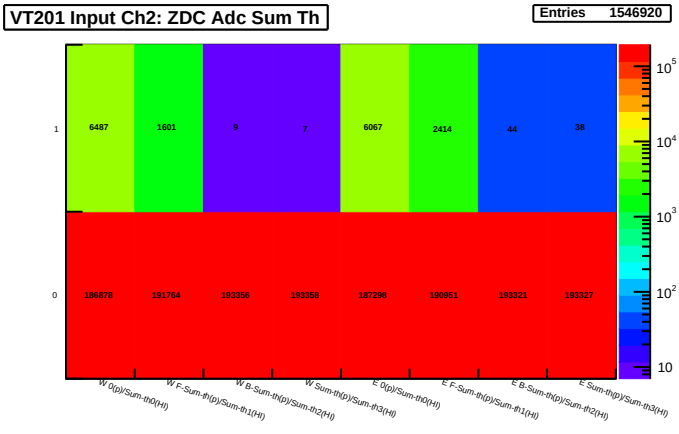

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

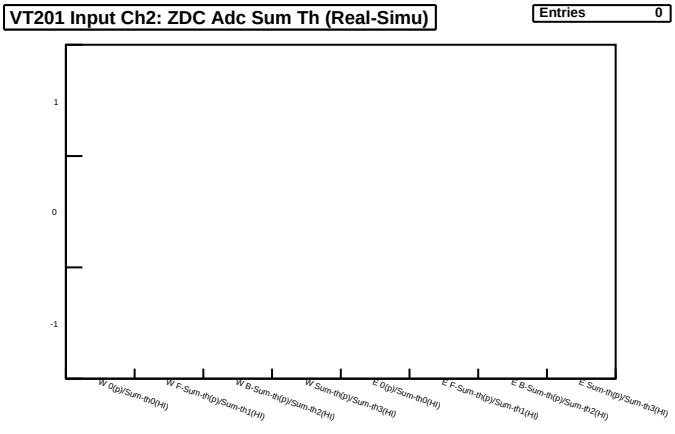

VT201 Input Ch1: EPD Hit Count Th
Entries 386730
189307
188536
4058
4829
East
West

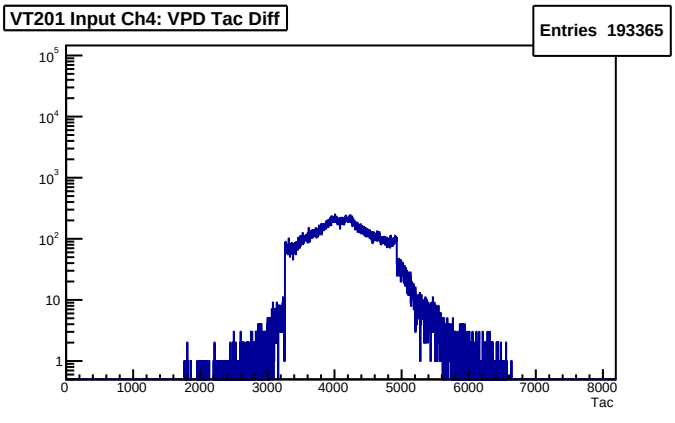

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

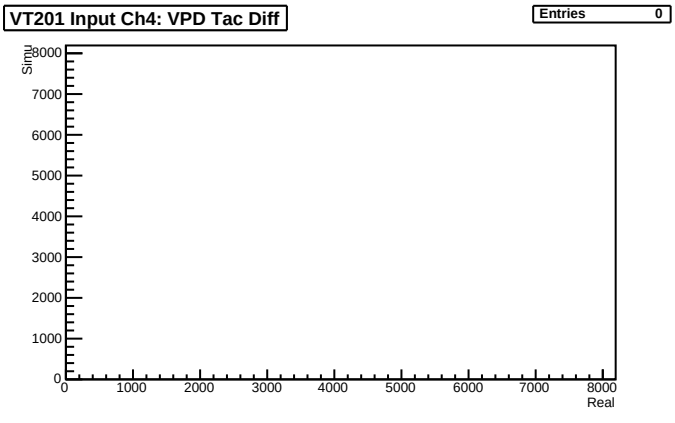

VT201 Input Ch2: ZDC Tac Diff
Entries 193365
Tac

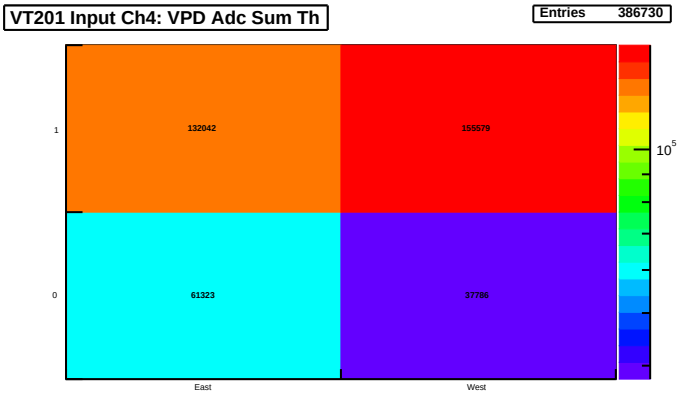

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

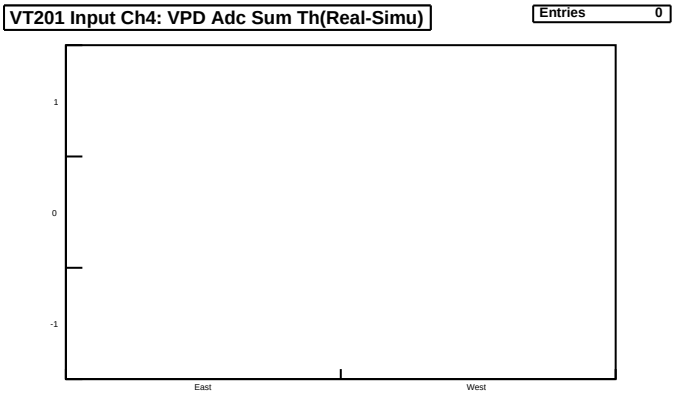

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1546920
6487
1601
9
7
6067
2414
44
38
186878
191764
193356
193358
187298
190951
193321
193327
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

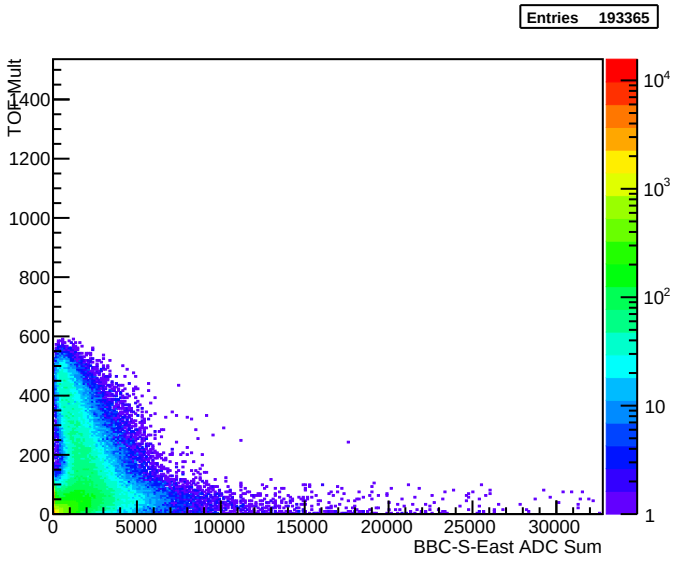

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

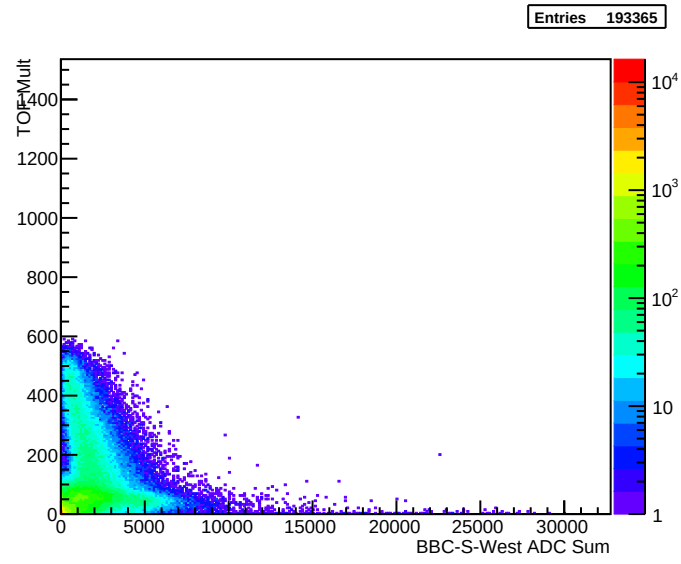

VT201 Input Ch4: VPD Tac Diff
Entries 193365
Tac

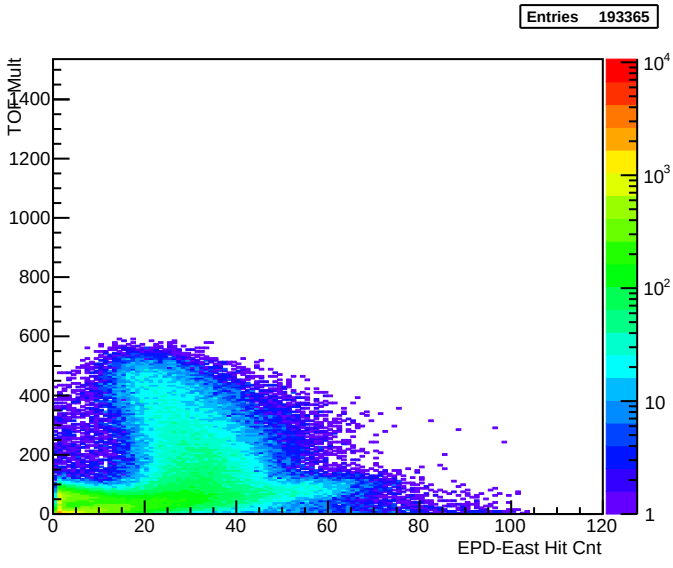

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

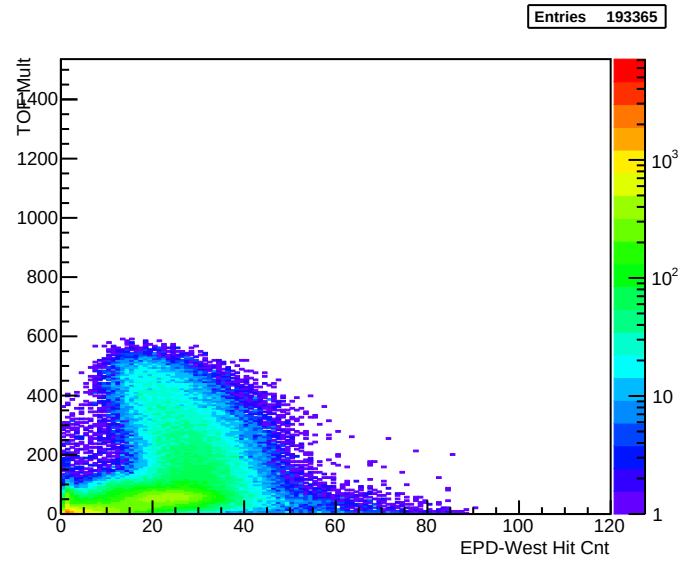

VT201 Input Ch4: VPD Adc Sum Th
Entries 386730
132042
155579
61323
37786
East
West

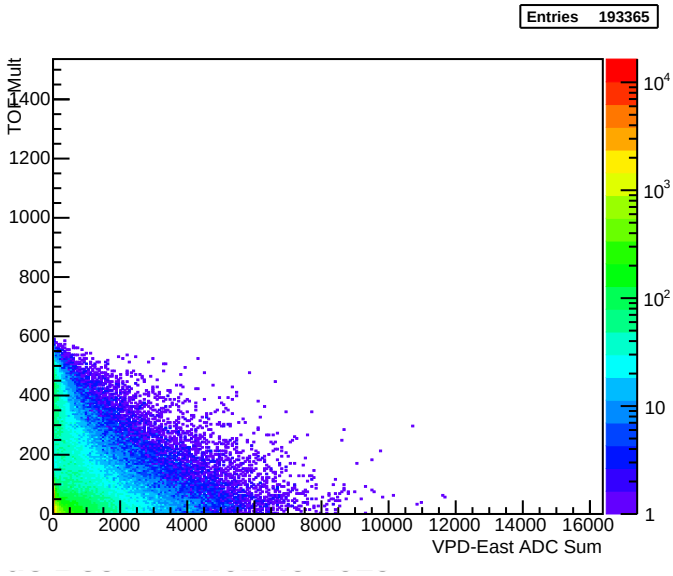

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

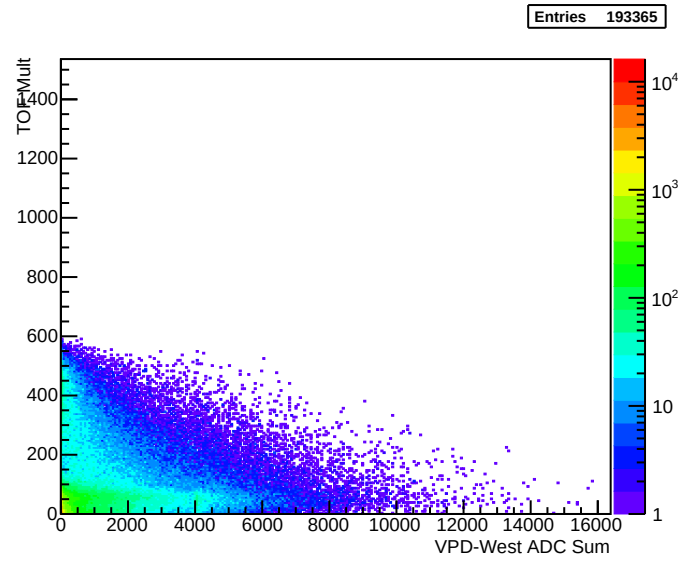

Entries 193365
TOF-Mult
BBC-S-East ADC Sum

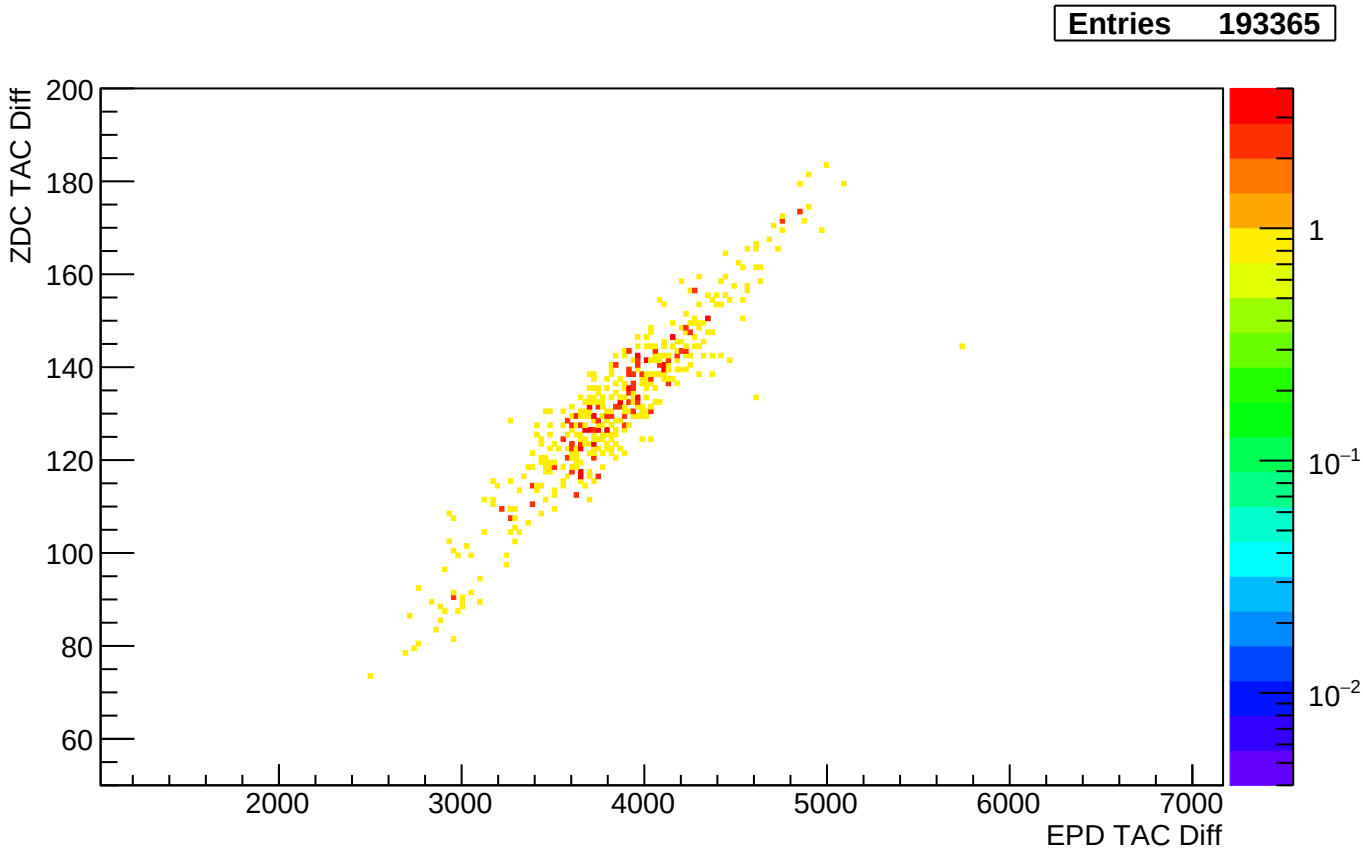

Entries 193365
TOF-Mult
BBC-S-West ADC Sum

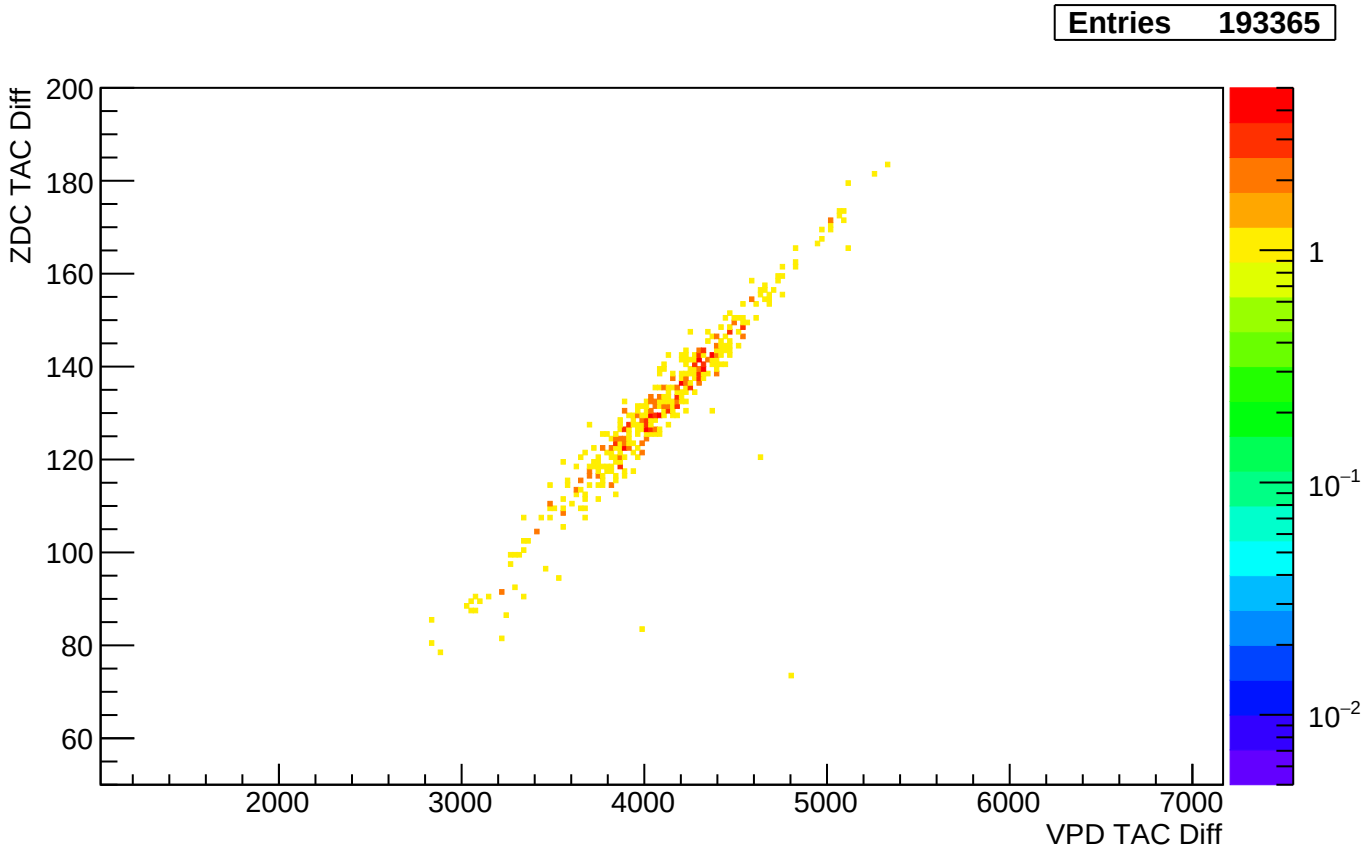

Entries 193365
TOF-Mult
EPD-East Hit Cnt

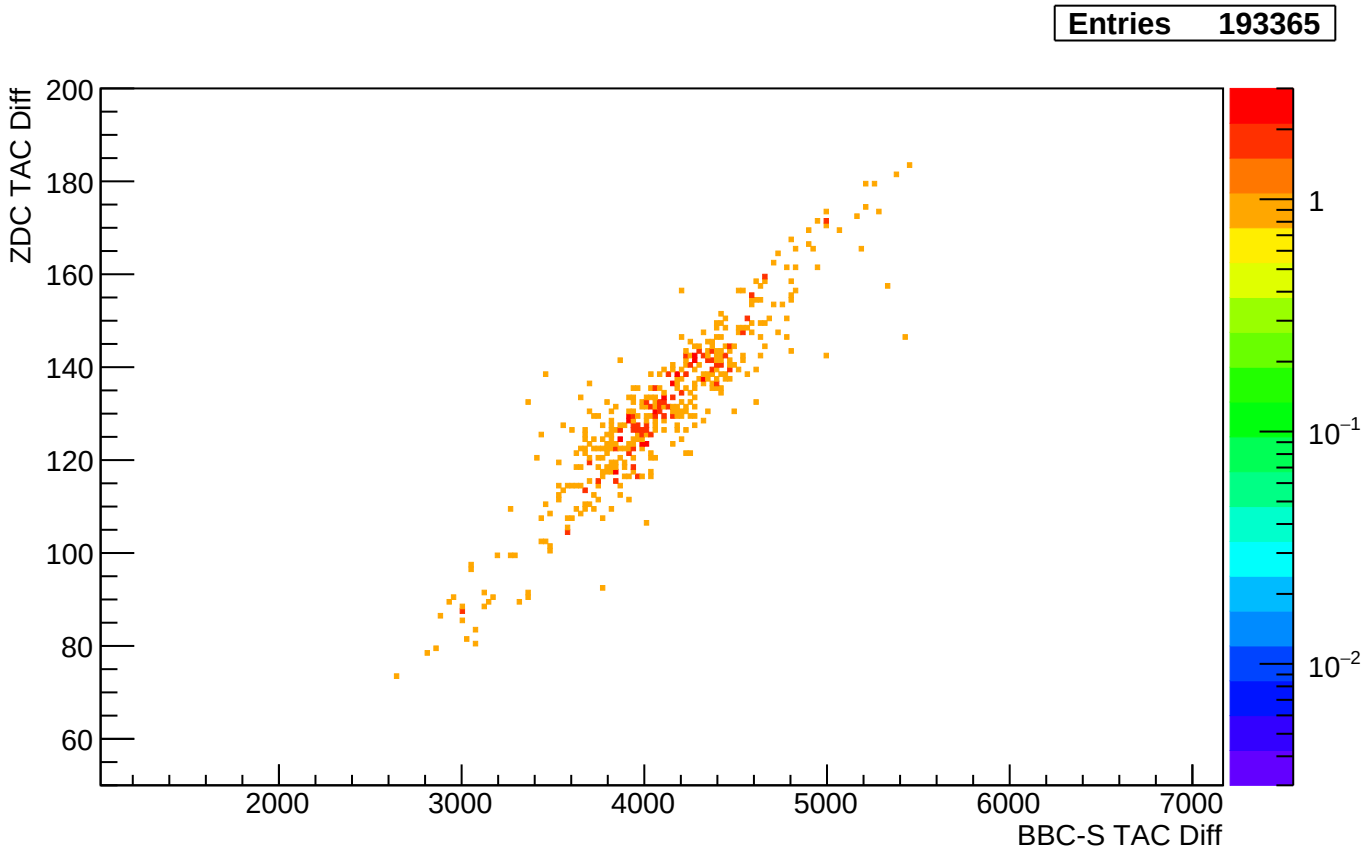

Entries 193365
TOF-Mult
EPD-West Hit Cnt

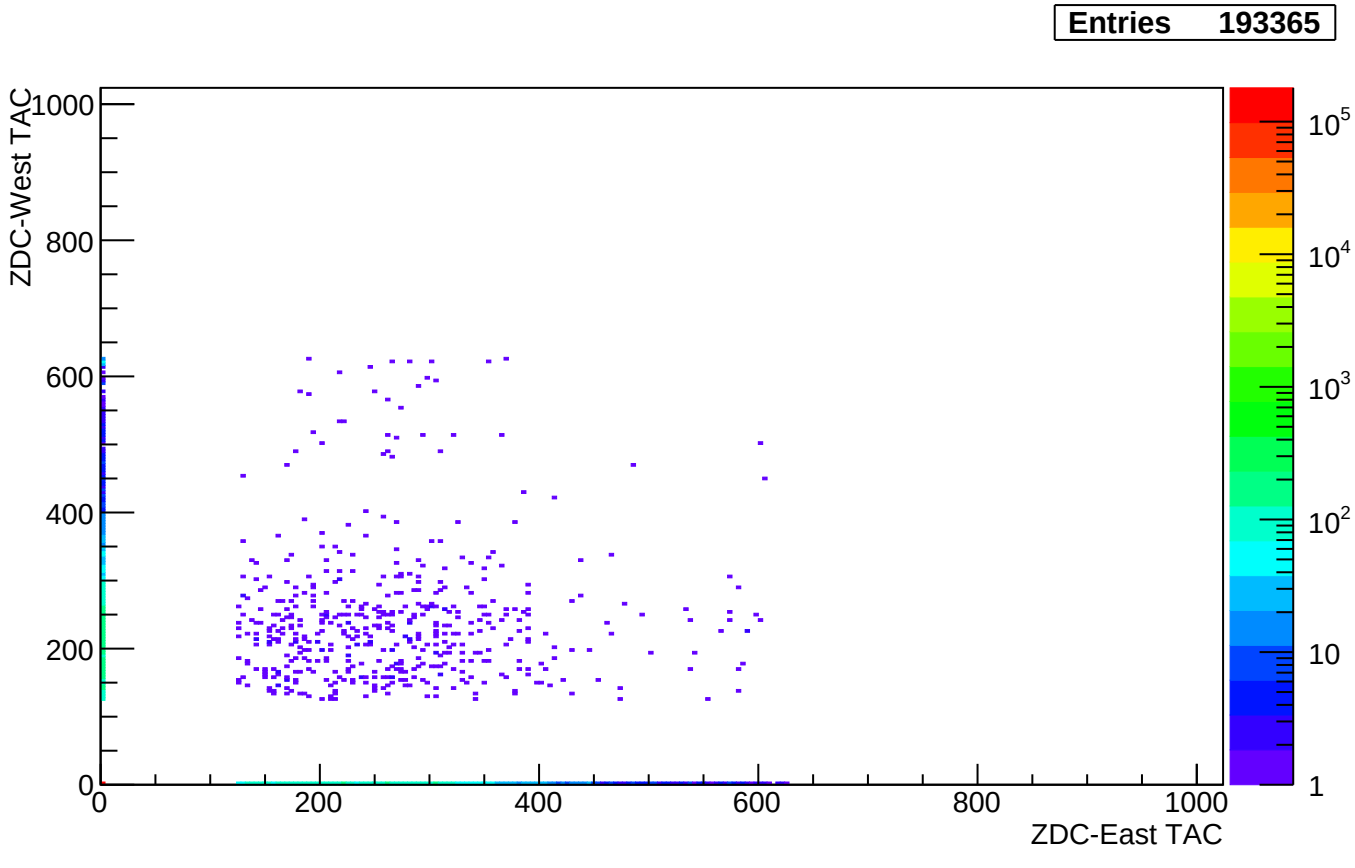

Entries 193365
TOF-Mult
VPD-East ADC Sum

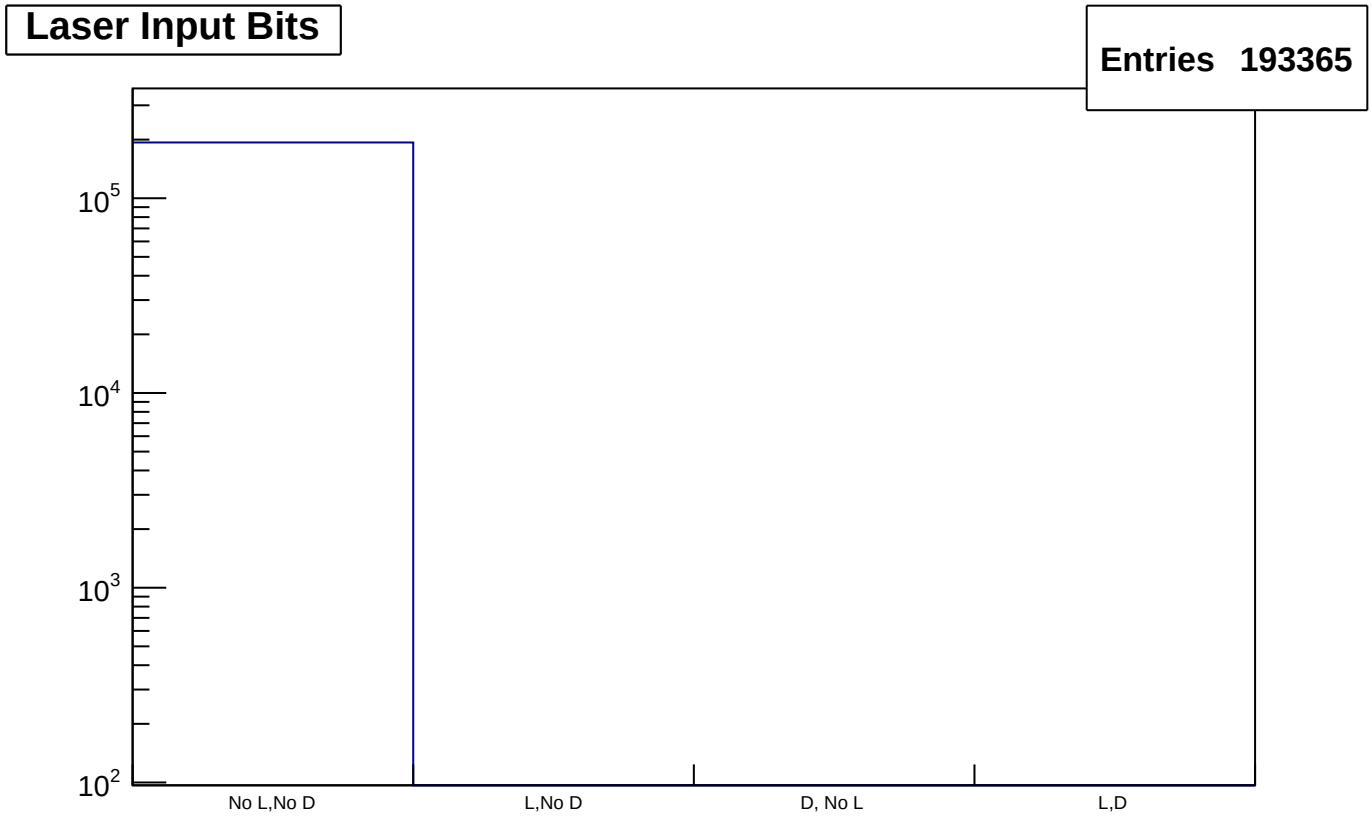

Entries 193365
TOF-Mult
VPD-West ADC Sum

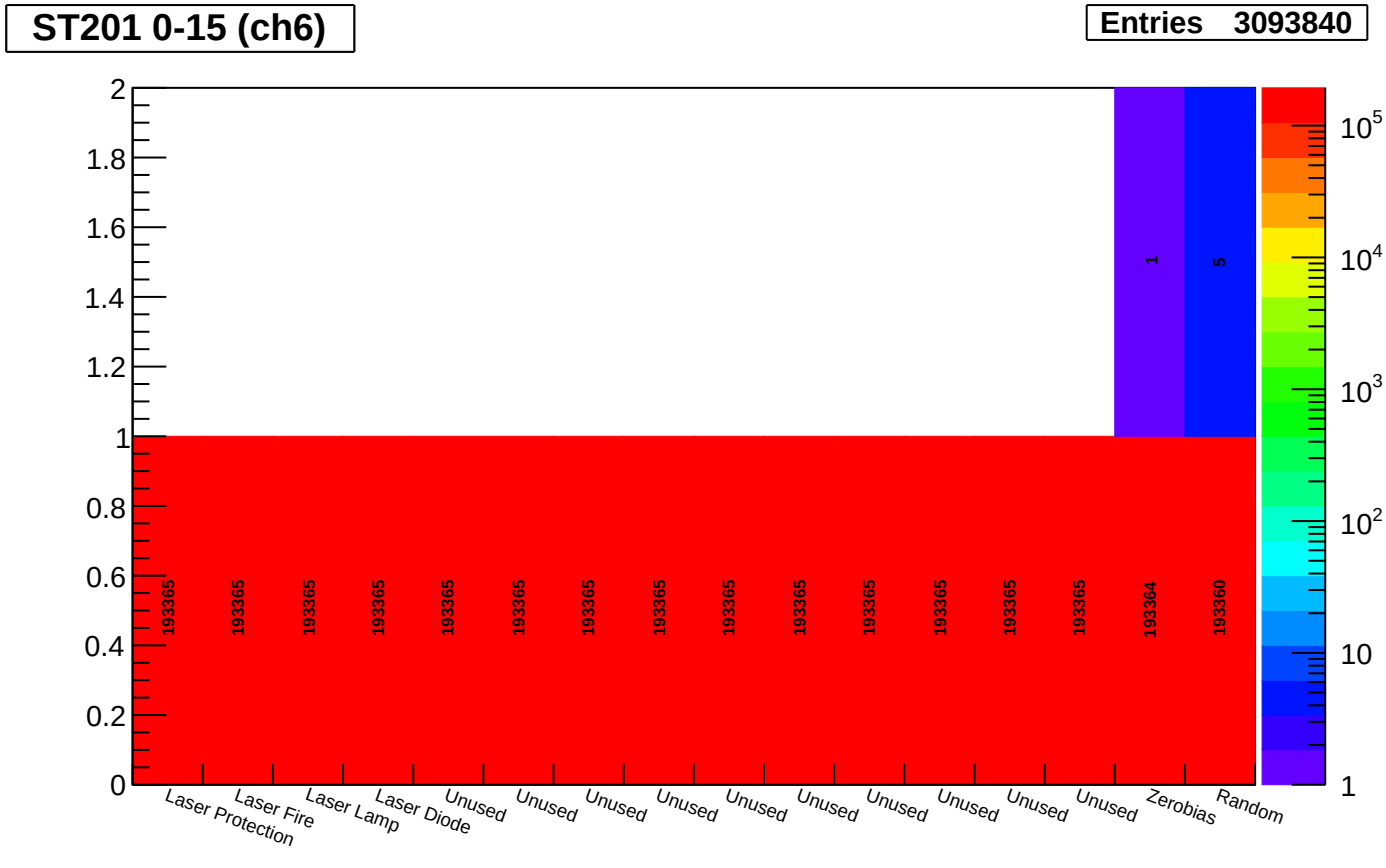

Entries 193365
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

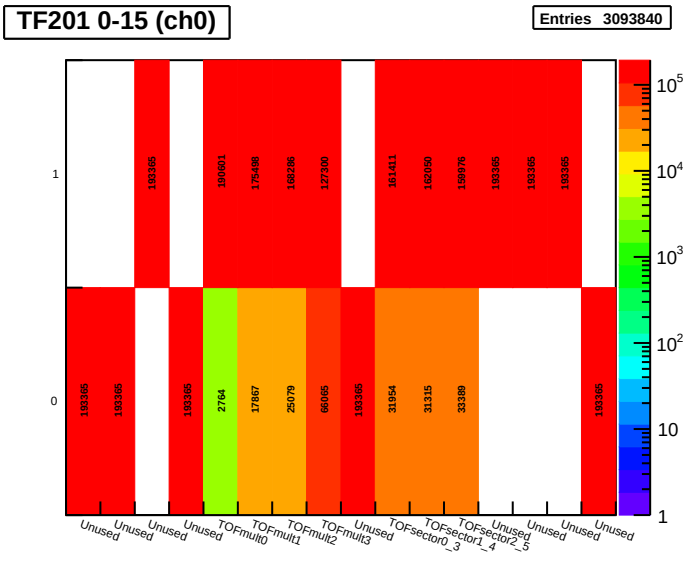

Entries 193365
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

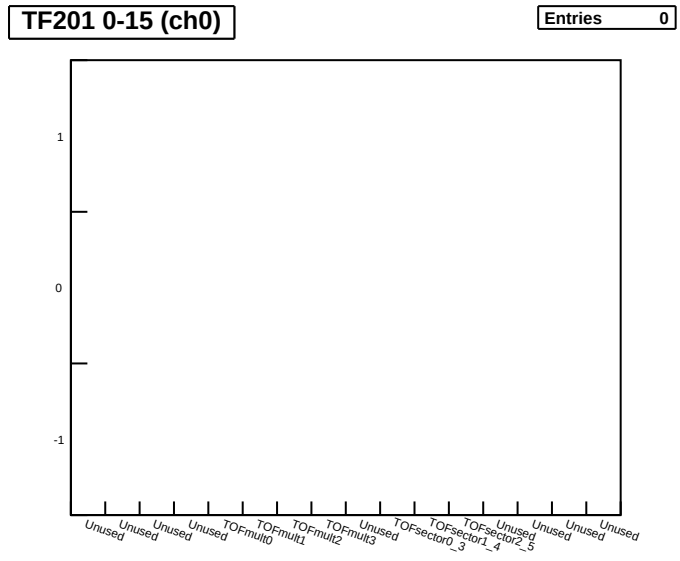

Entries 193365
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

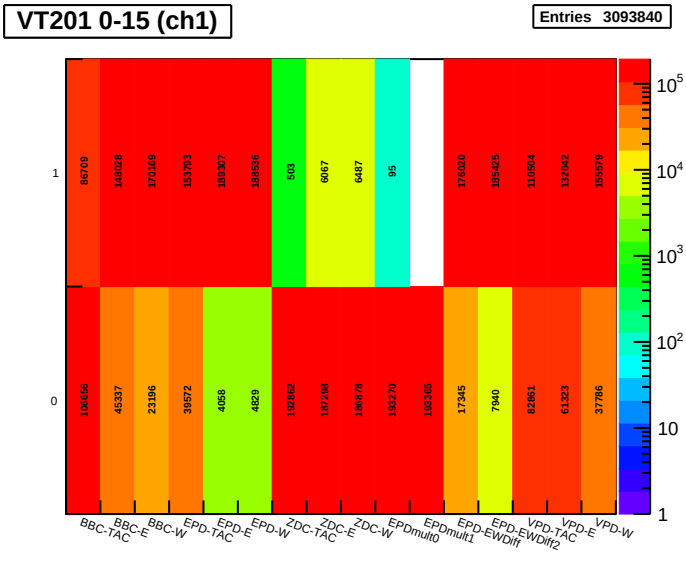

Entries 193365
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

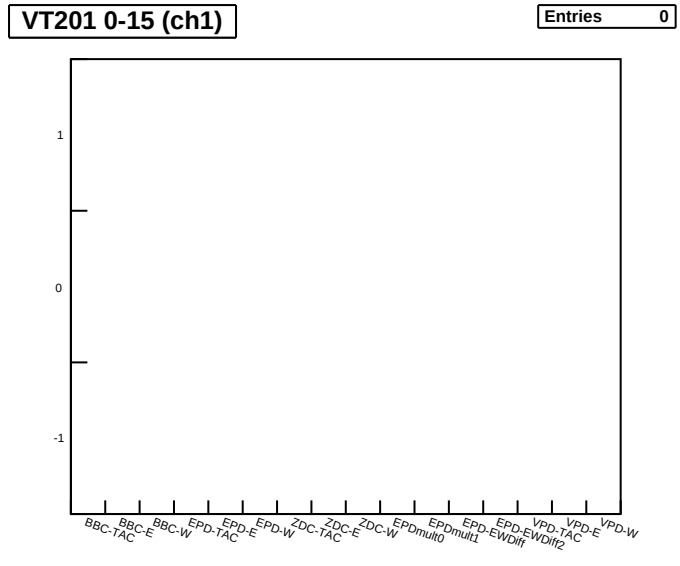

Laser Input Bits
Entries 193365
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

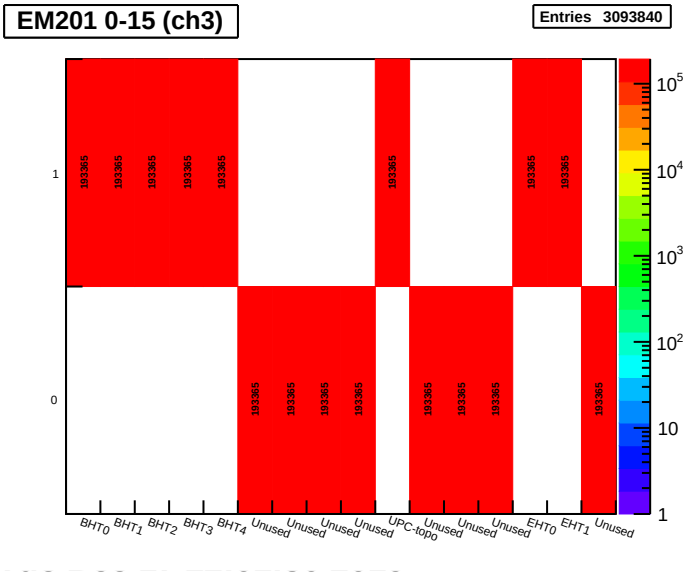

ST201 0-15 (ch6)
Entries 3093840
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
193365
193365
193365
193365
193365
193365
193365
193365
193365
193365
193365
193365
193365
193365
193364
193360
1
5
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

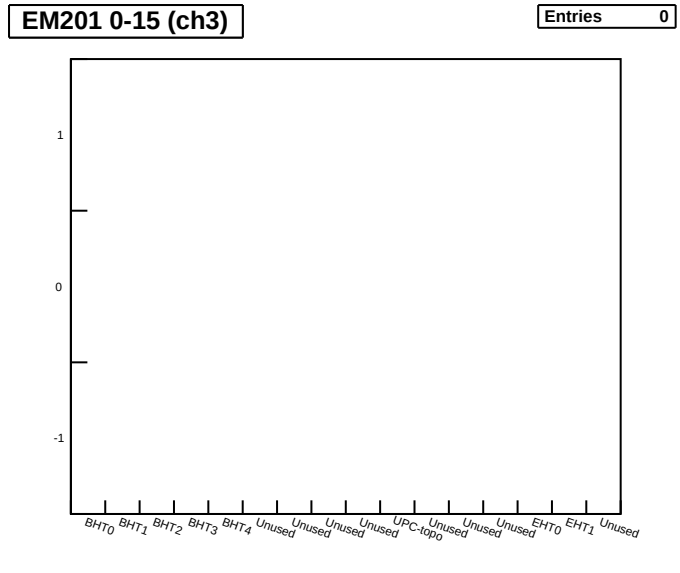

TF201 0-15 (ch0)
Entries 3093840
1
0
193365
190601
175498
168286
127300
161411
162050
159976
193365
193365
193365
193365
193365
193365
2764
17867
25079
66065
31954
31315
33389
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 3093840
1
0
86709
148028
170169
153793
189307
188536
503
6067
6487
95
176020
185425
110594
132042
155579
106656
45337
23196
39572
4058
4829
192862
187298
186878
189270
193365
17345
7940
82861
61323
37786
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 3093840
1
0
193365
193365
193365
193365
193365
193365
193365
193365
193365
193365
193365
193365
193365
193365
193365
193365
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