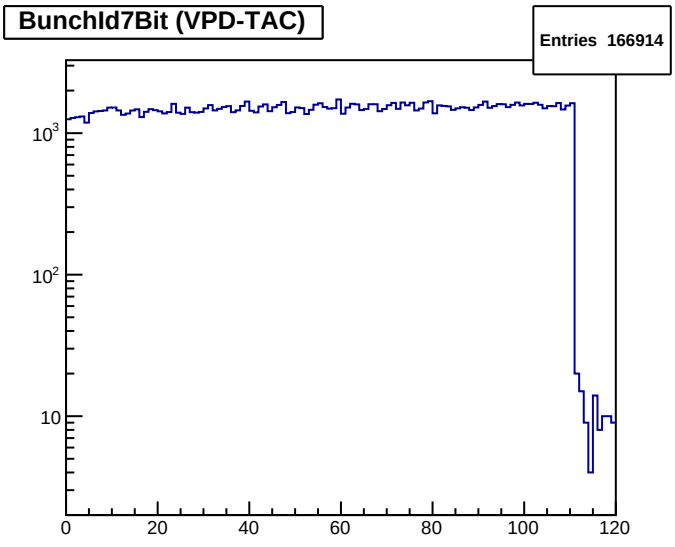
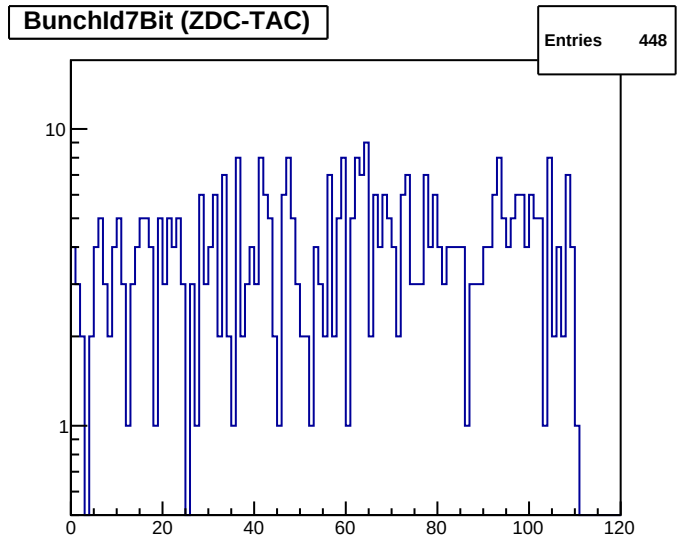
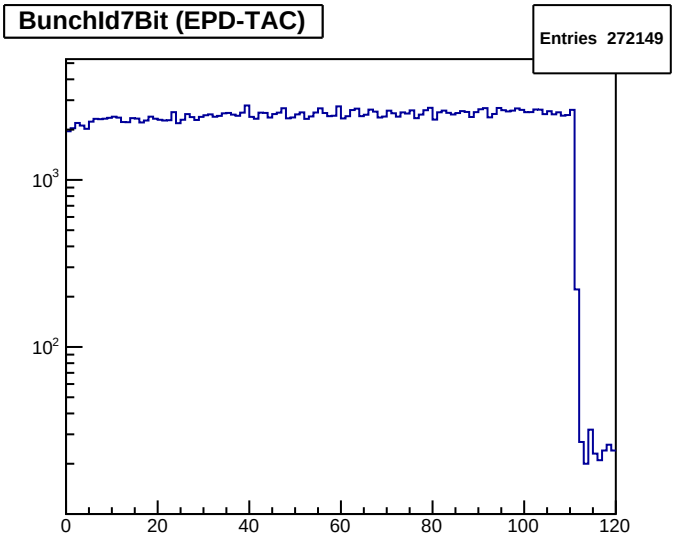
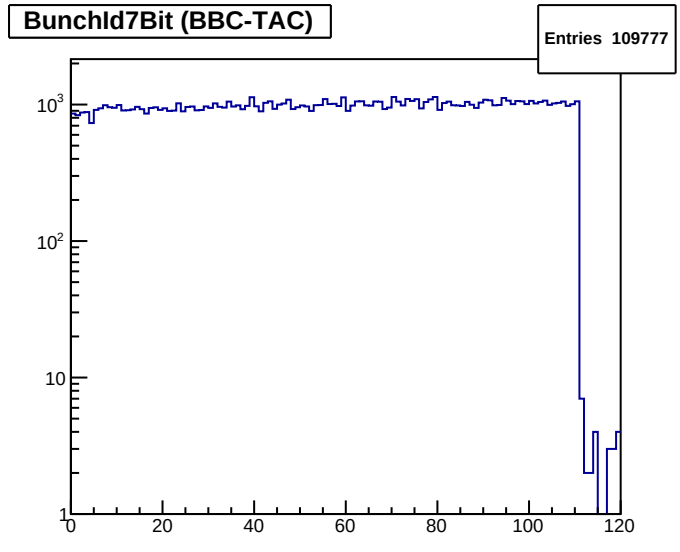
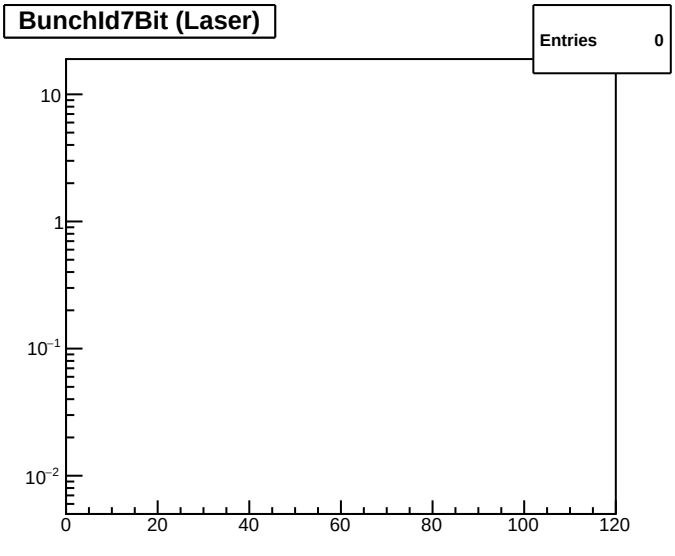
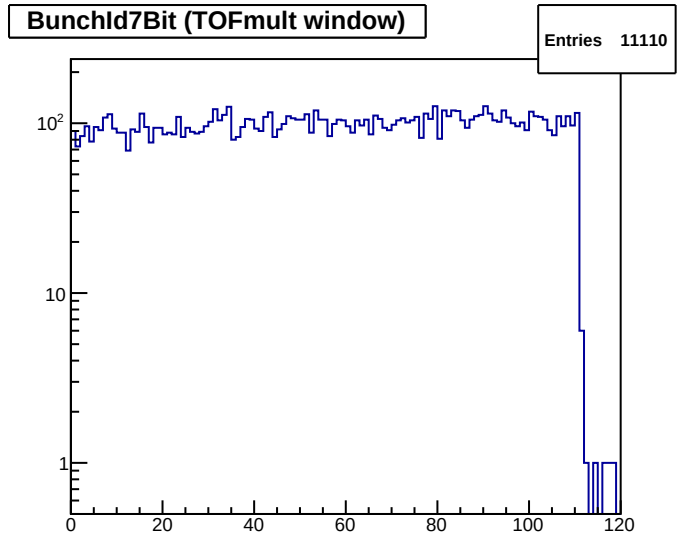

BunchId7Bit (VPD-TAC)
Entries 166914

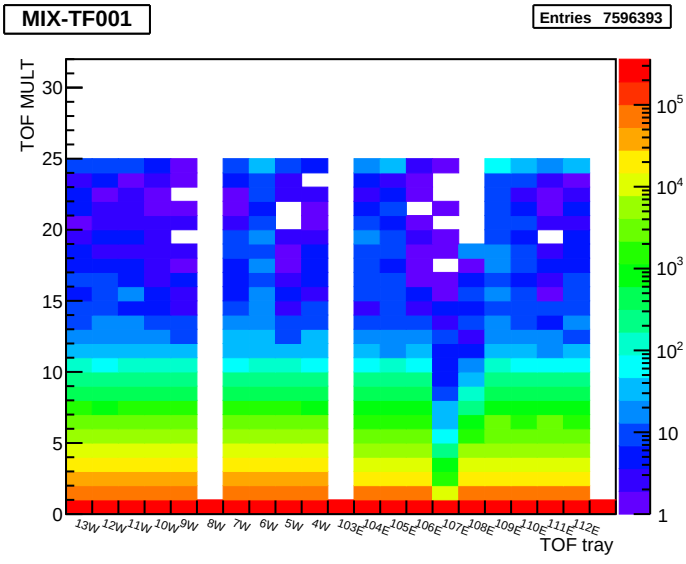

BunchId7Bit (ZDC-TAC)
Entries 448

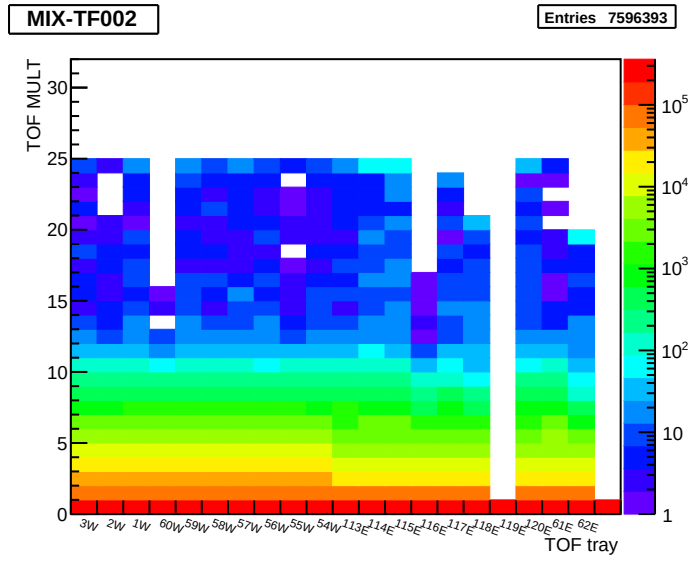

BunchId7Bit (EPD-TAC)
Entries 272149

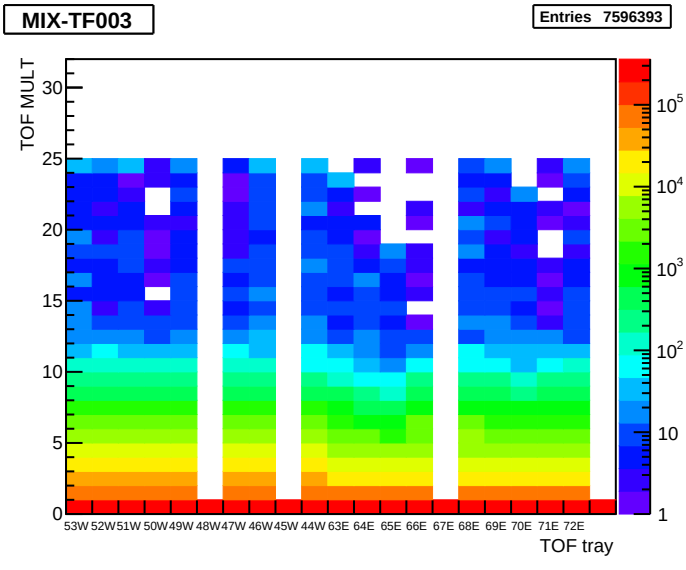

BunchId7Bit (BBC-TAC)
Entries 109777

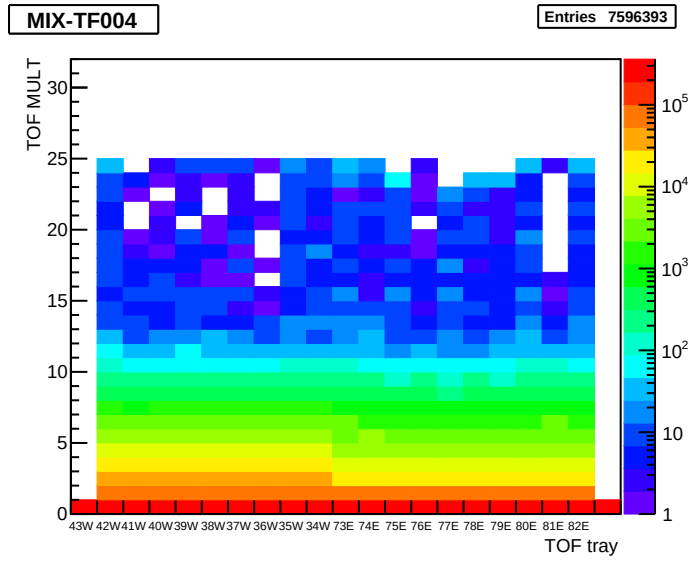

BunchId7Bit (Laser)
Entries 0

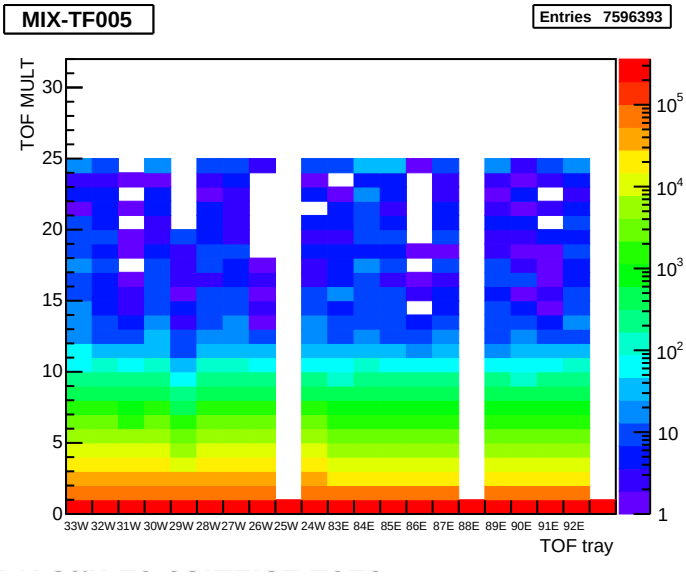

BunchId7Bit (TOFmult window)
Entries 11110

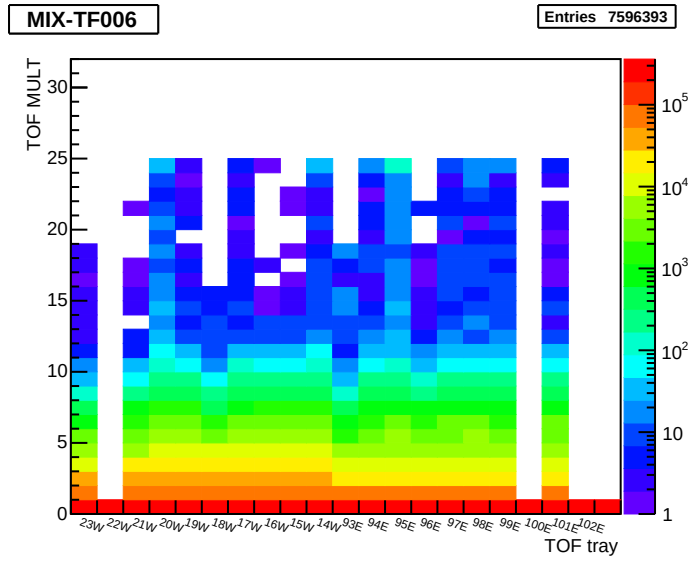

MIX-TF001
Entries 7596393
TOF MULT
TOF tray

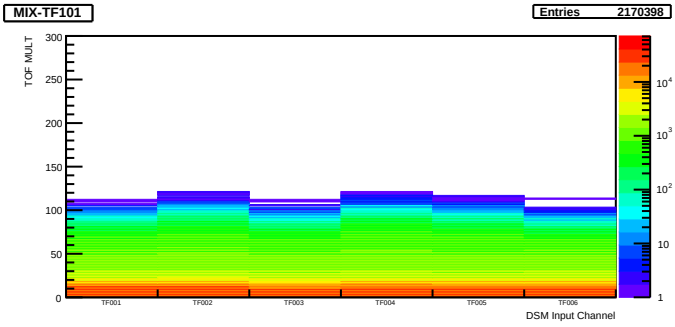

MIX-TF002
Entries 7596393
TOF MULT
TOF tray

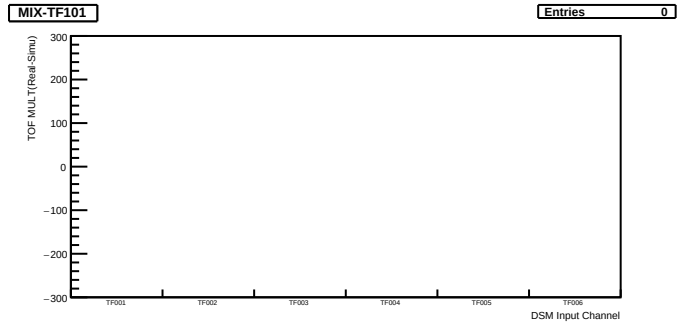

MIX-TF003
Entries 7596393
TOF MULT
TOF tray

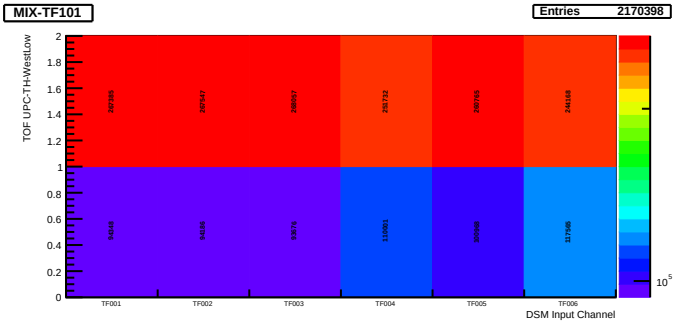

MIX-TF004
Entries 7596393
TOF MULT
TOF tray

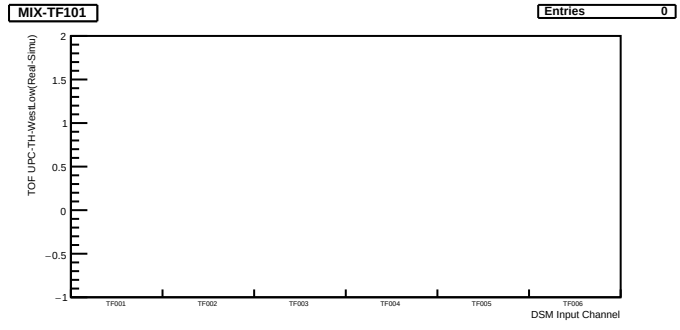

MIX-TF005
Entries 7596393
TOF MULT
TOF tray

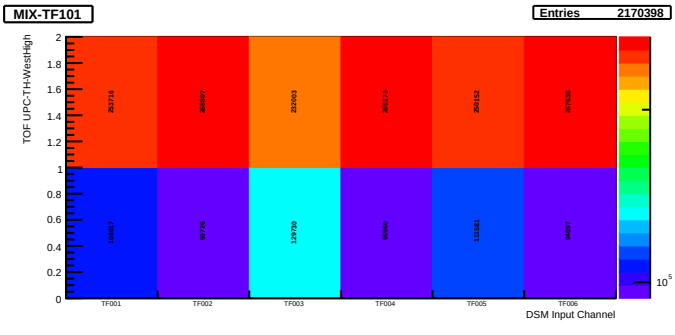

MIX-TF006
Entries 7596393
TOF MULT
TOF tray

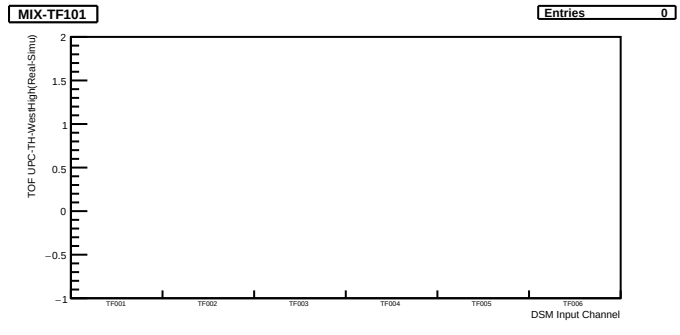

MIX-TF101
Entries 2170398
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

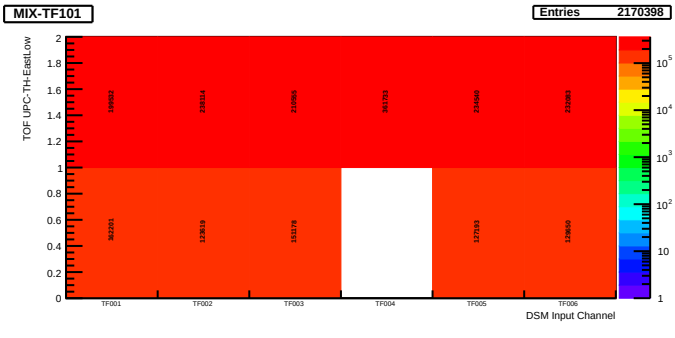

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

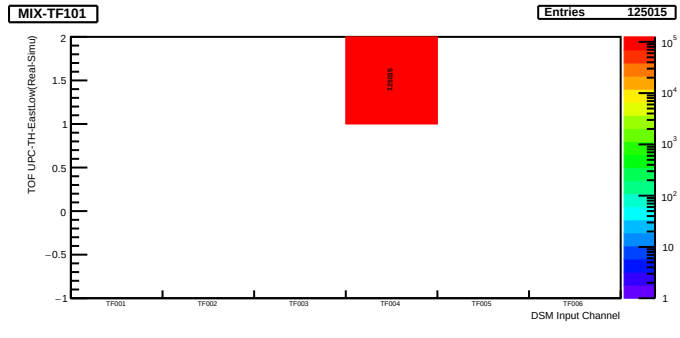

MIX-TF101
Entries 2170398
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

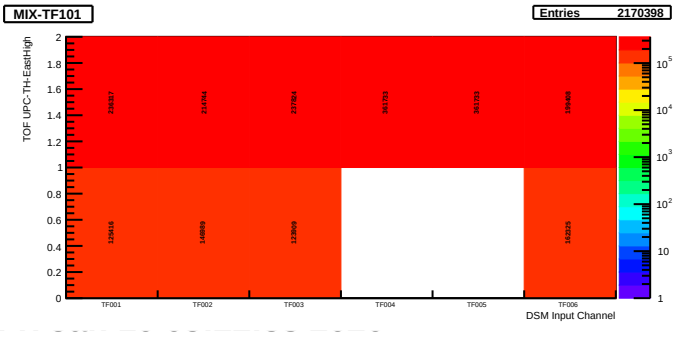

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

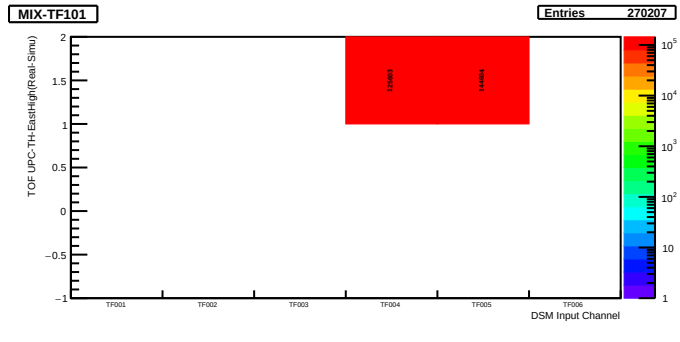

MIX-TF101
Entries 2170398
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

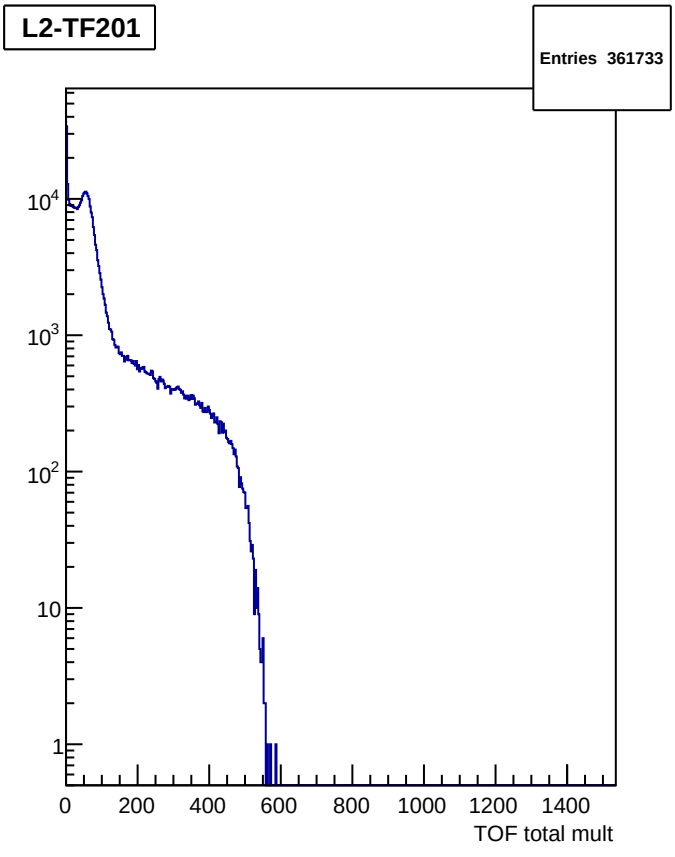

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

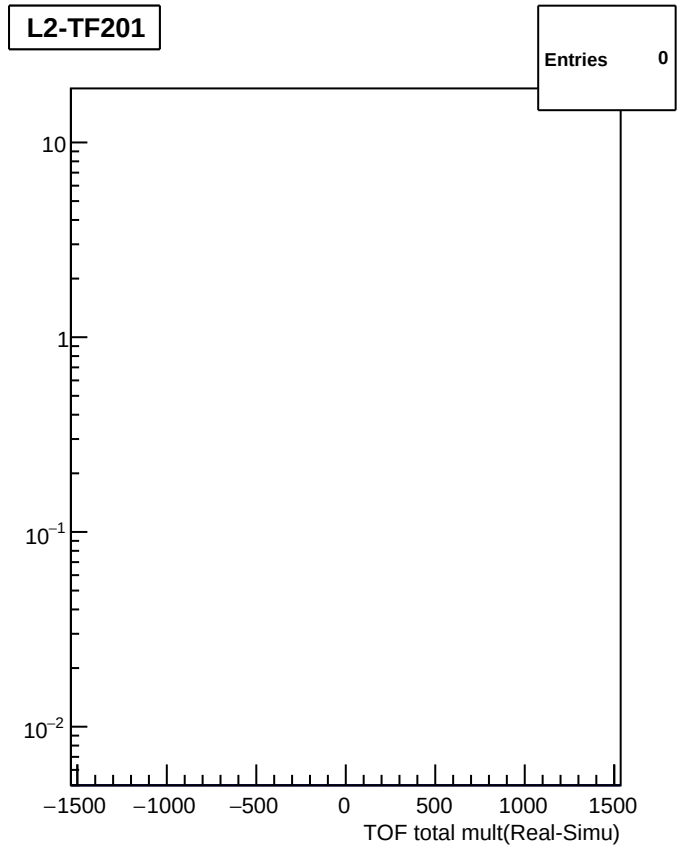

MIX-TF101
Entries 2170398
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

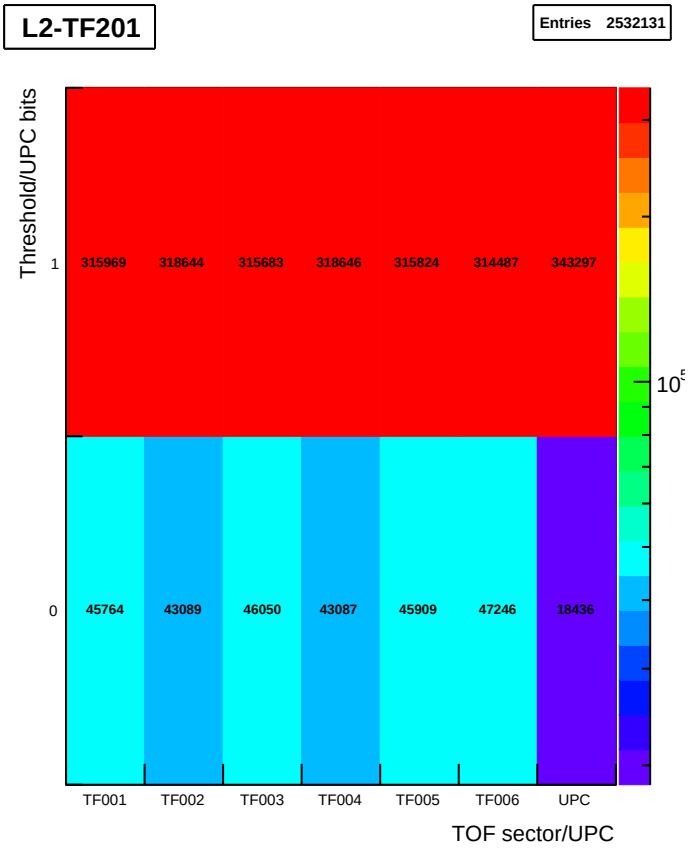

MIX-TF101
Entries 125015
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

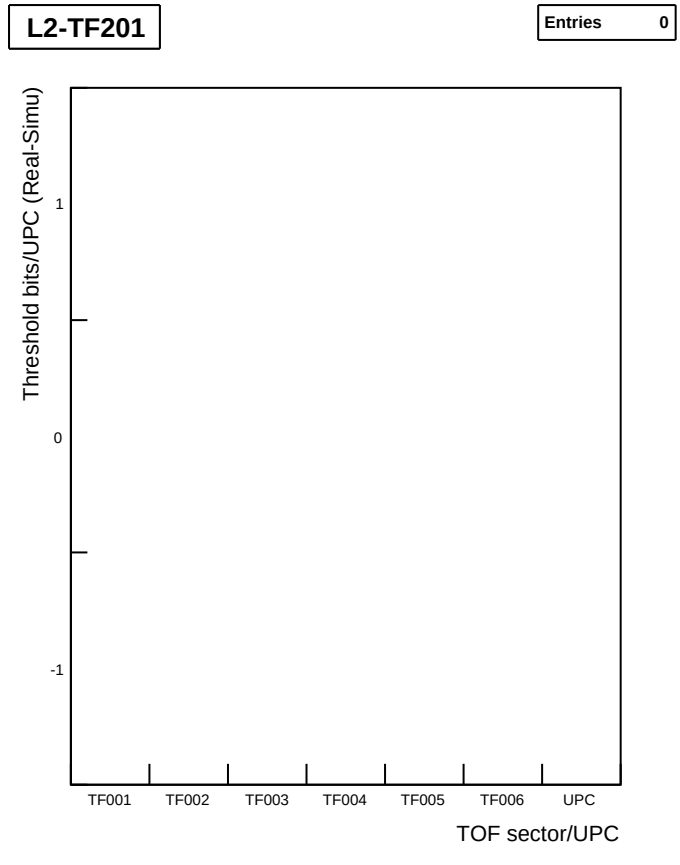

MIX-TF101
Entries 2170398
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

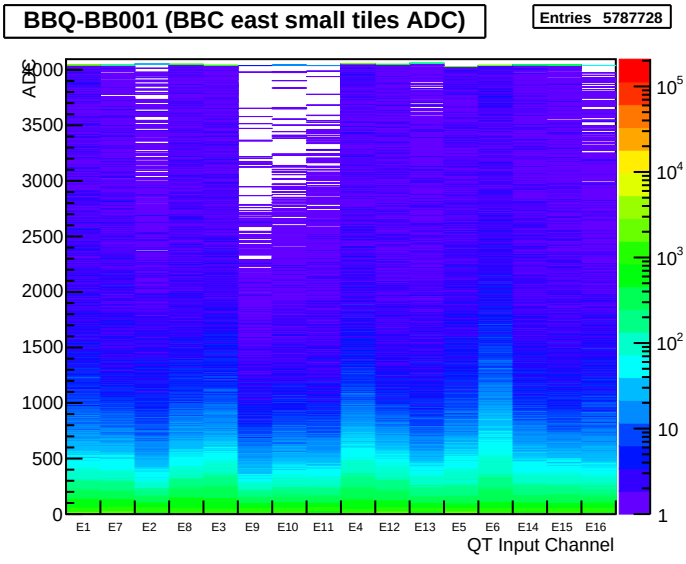

MIX-TF101
Entries 270207
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

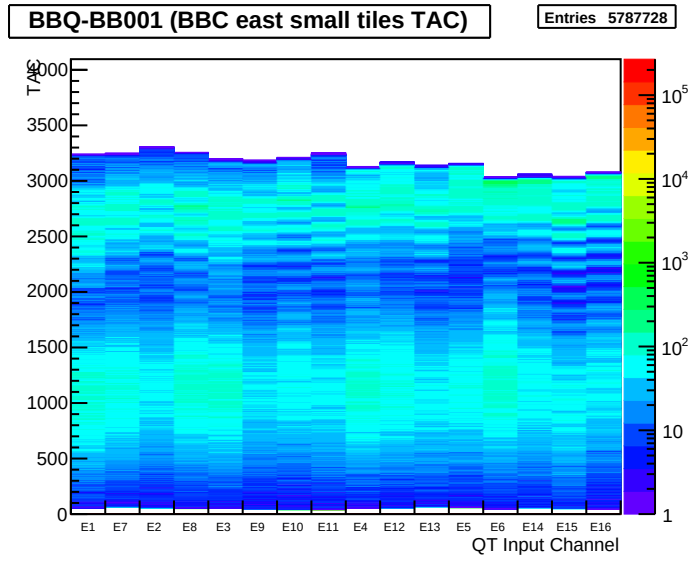

L2-TF201
Entries 361733
TOF total mult

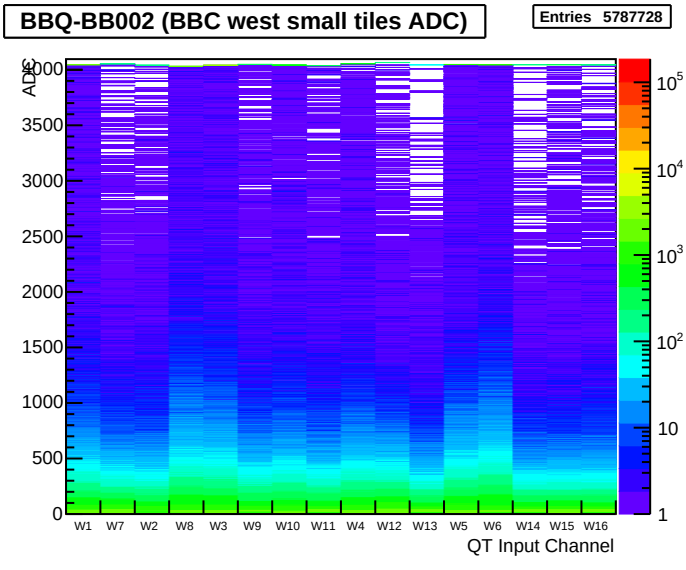

L2-TF201
Entries 0
TOF total mult(Real-Simu)

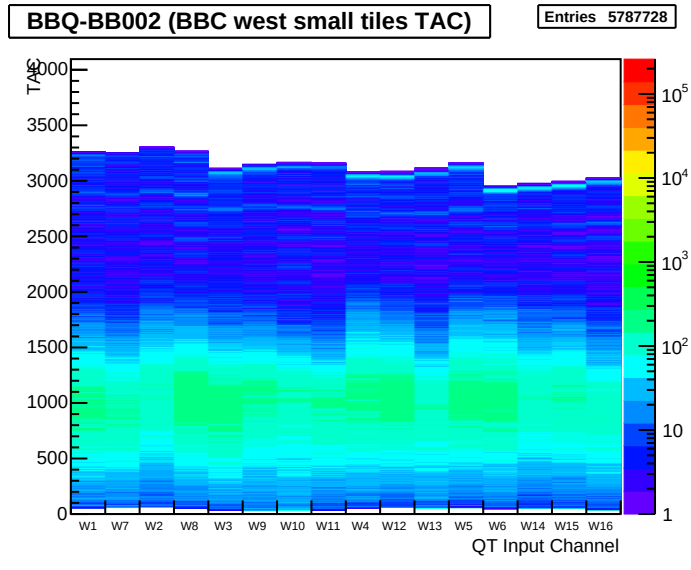

L2-TF201
Entries 2532131
Threshold/UPC bits
315969
318644
315683
318646
315824
314487
343297
45764
43089
46050
43087
45909
47246
18436
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

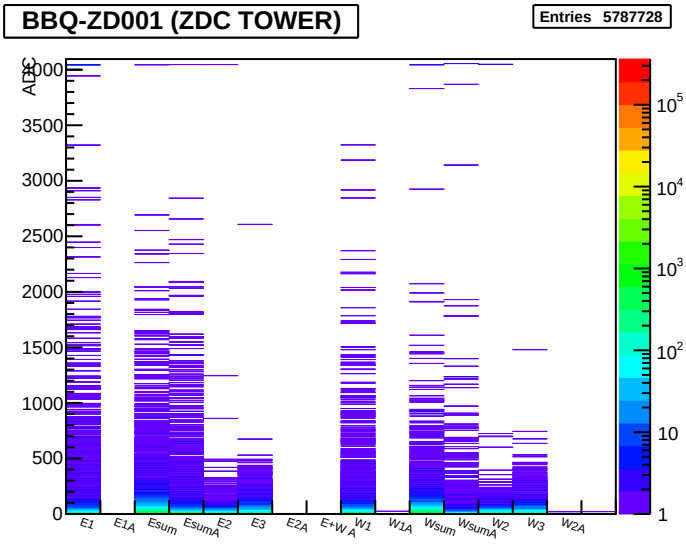

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

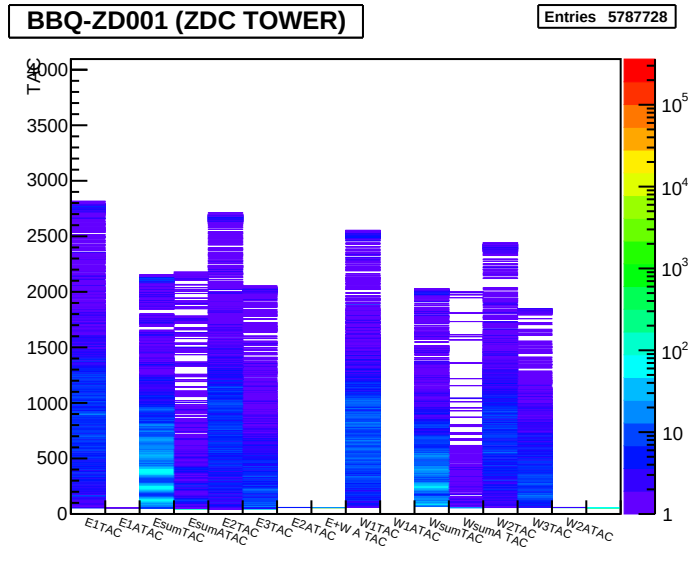

BBQ-BB001 (BBC east small tiles ADC)
Entries 5787728
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

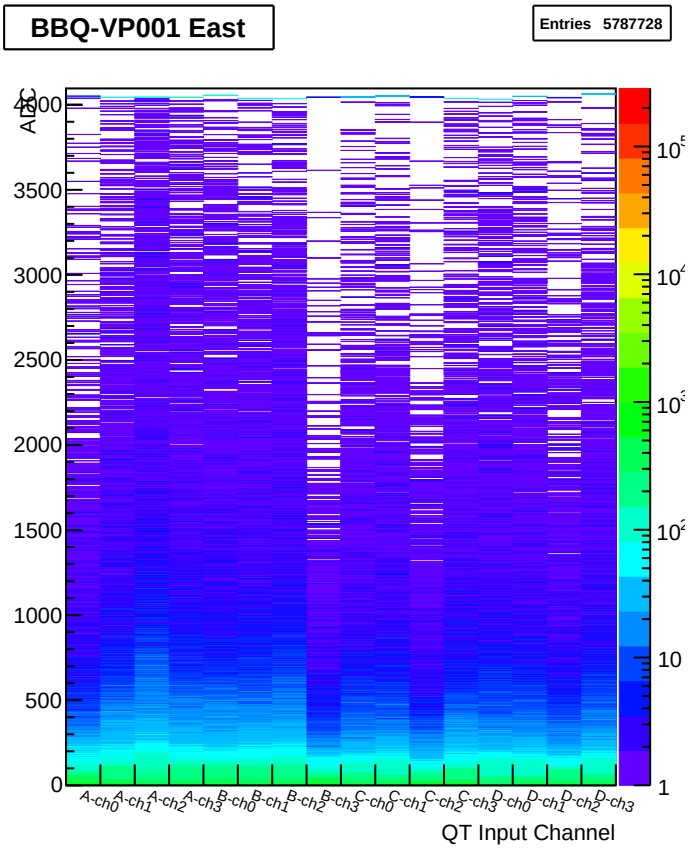

BBQ-BB001 (BBC east small tiles TAC)
Entries 5787728
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

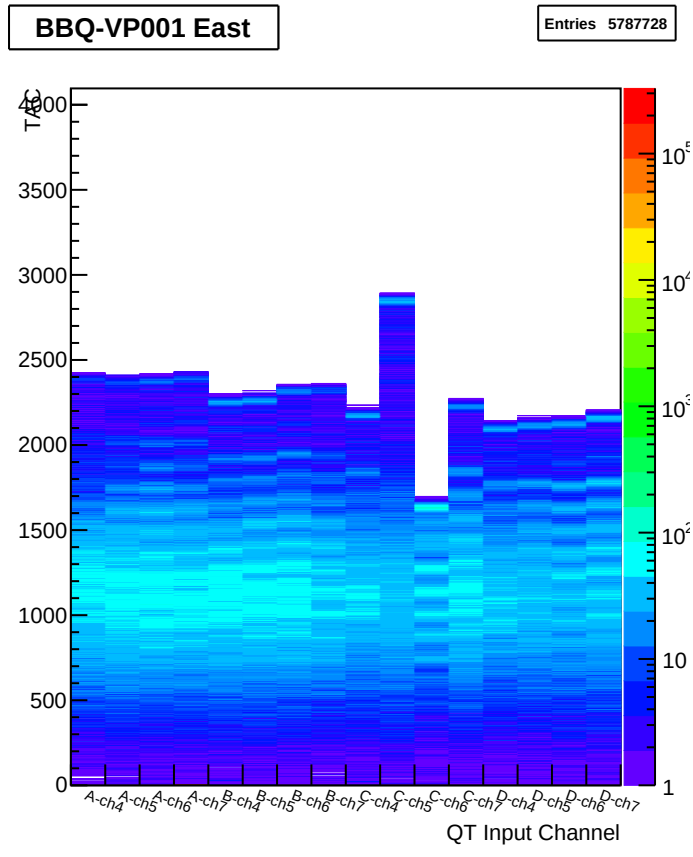

BBQ-BB002 (BBC west small tiles ADC)
Entries 5787728
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

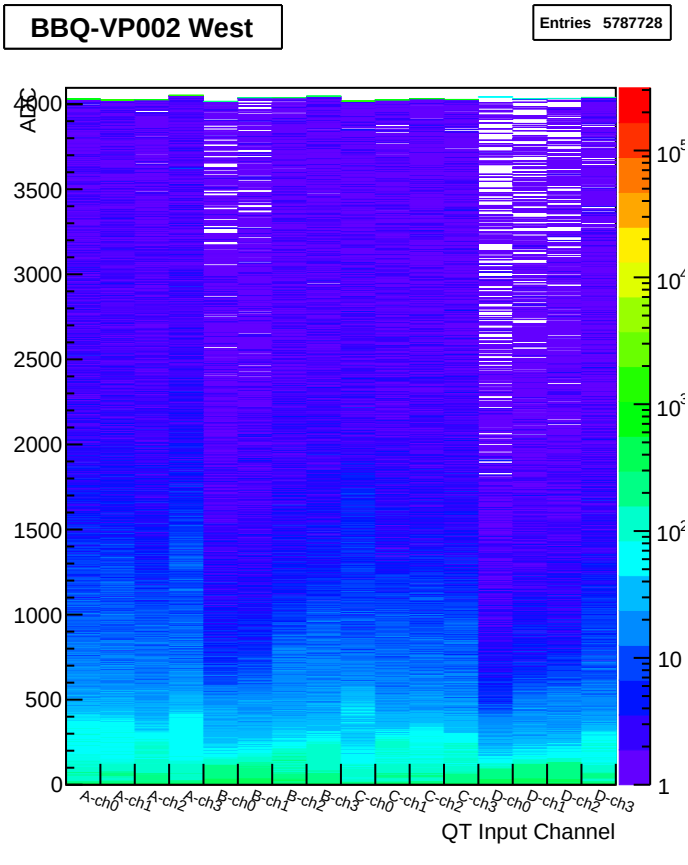

BBQ-BB002 (BBC west small tiles TAC)
Entries 5787728
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

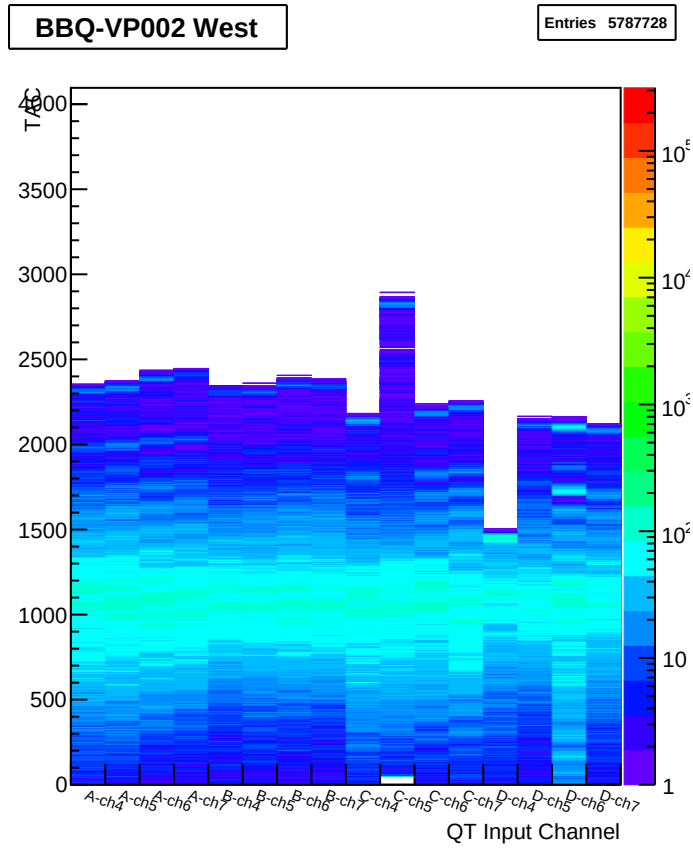

BBQ-ZD001 (ZDC TOWER)
Entries 5787728
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

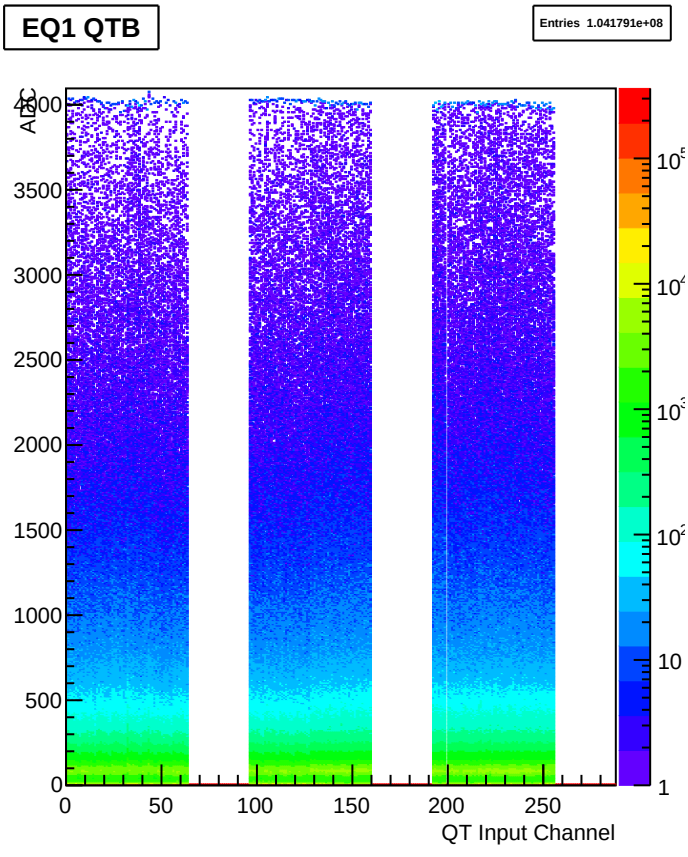

BBQ-ZD001 (ZDC TOWER)
Entries 5787728
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

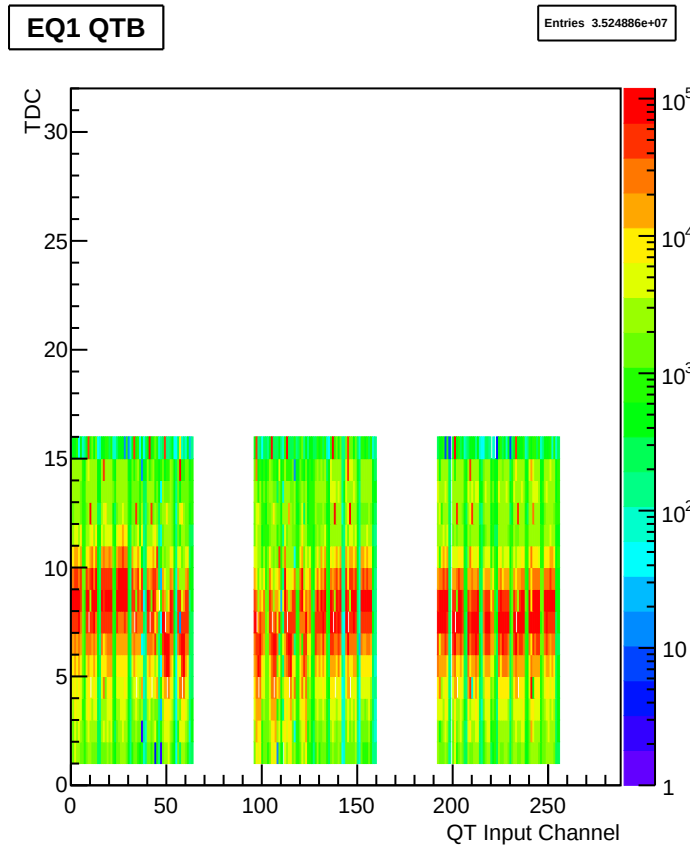

BBQ-VP001 East
Entries 5787728
ADC
QT Input Channel

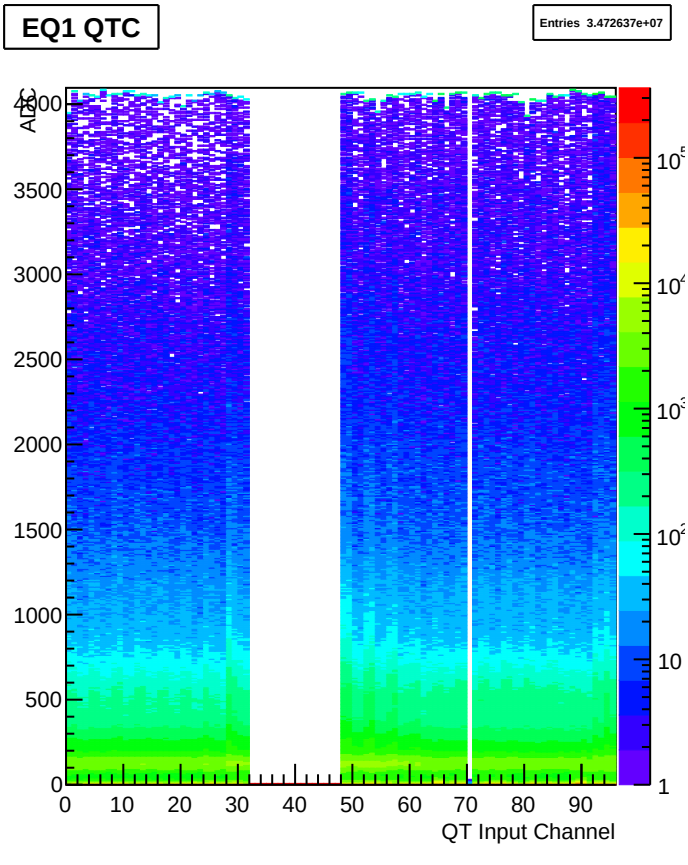

BBQ-VP001 East
Entries 5787728
TADC
QT Input Channel

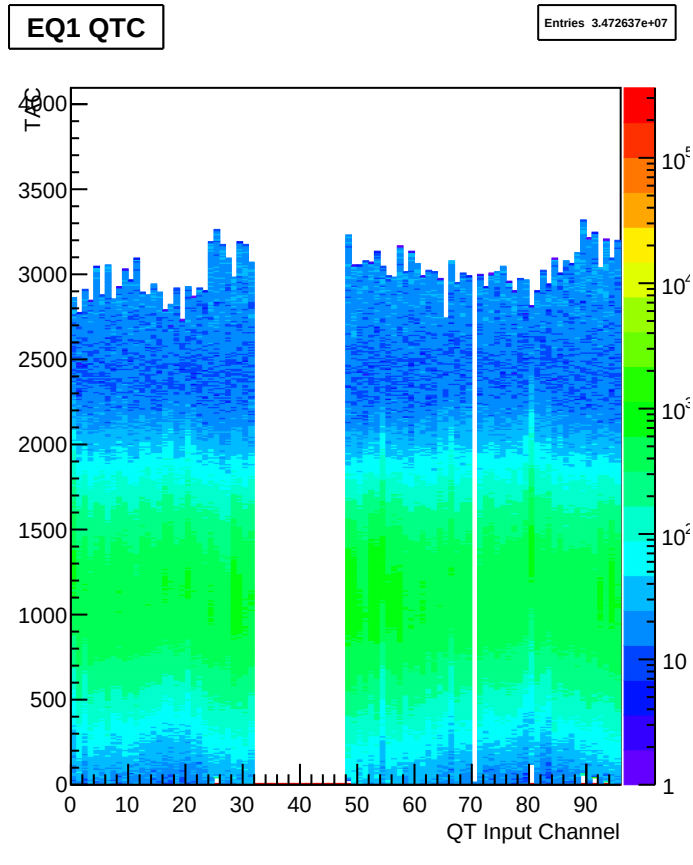

BBQ-VP002 West
Entries 5787728
ADC
QT Input Channel

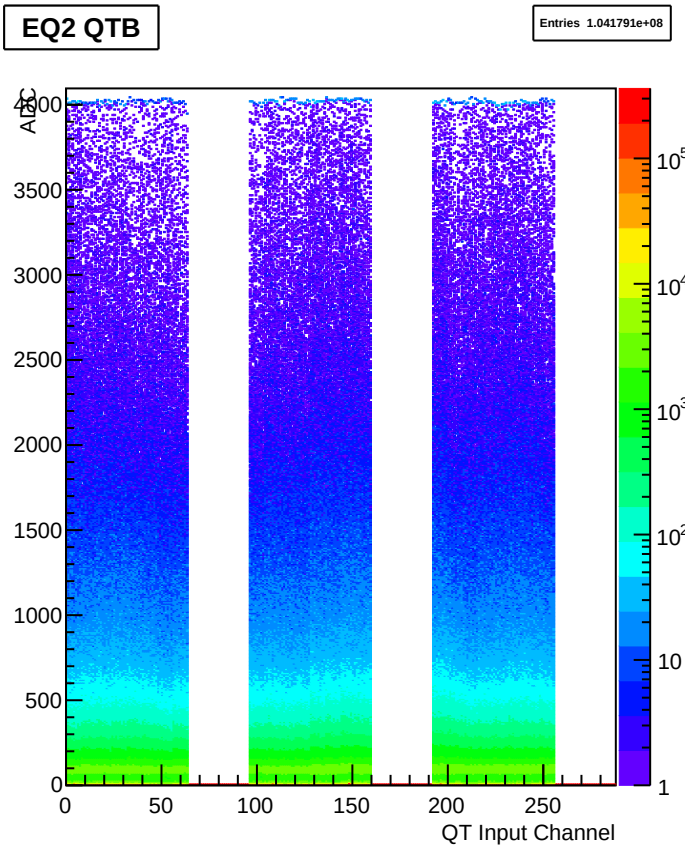

BBQ-VP002 West
Entries 5787728
TADC
QT Input Channel

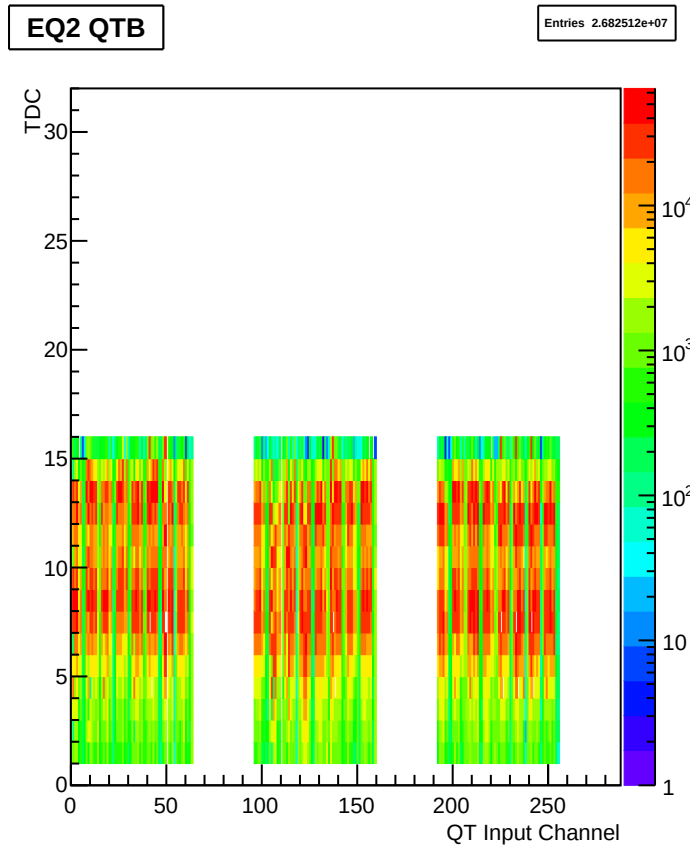

EQ1 QTB
Entries 1.041791e+08
ADC
QT Input Channel

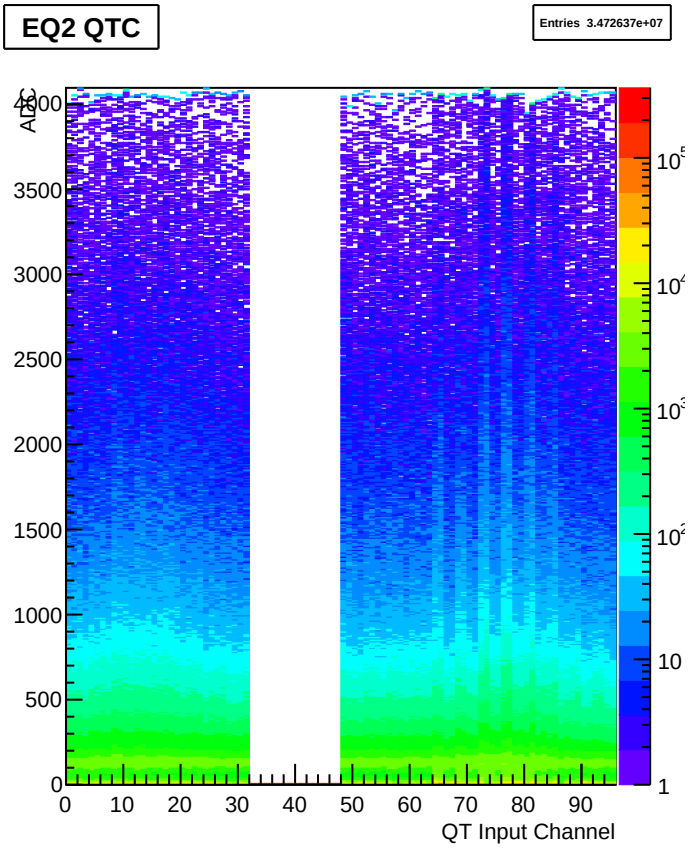

EQ1 QTB
Entries 3.524886e+07
TDC
QT Input Channel

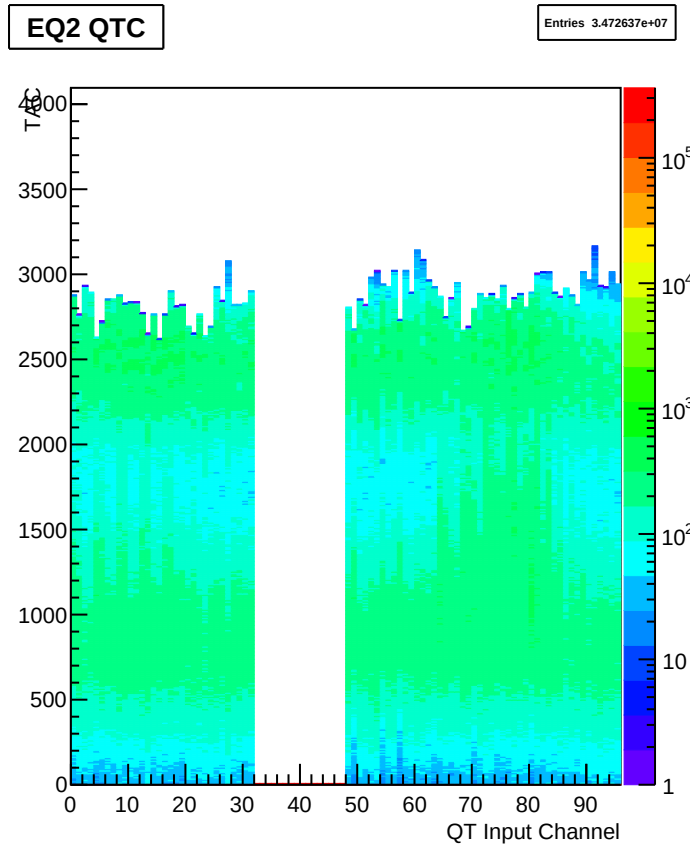

EQ1 QTC
Entries 3.472637e+07
ADC
QT Input Channel

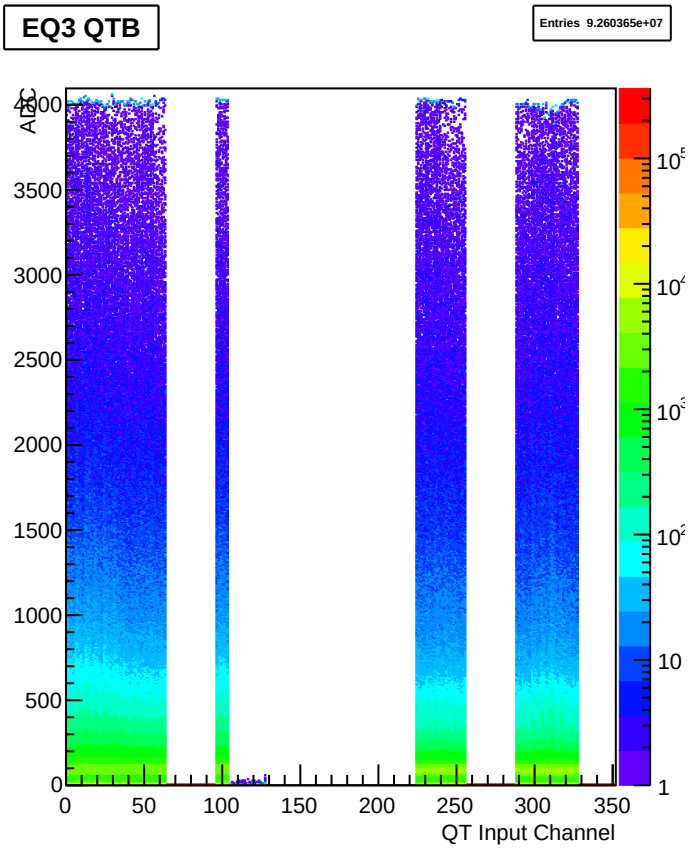

EQ1 QTC
Entries 3.472637e+07
TADC
QT Input Channel

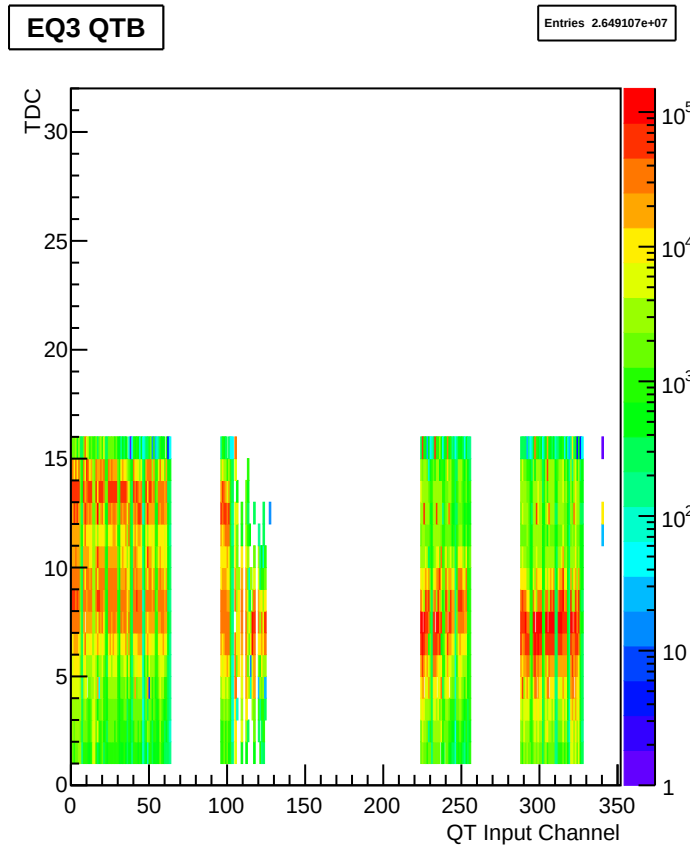

EQ2 QTB
Entries 1.041791e+08
ADC
QT Input Channel

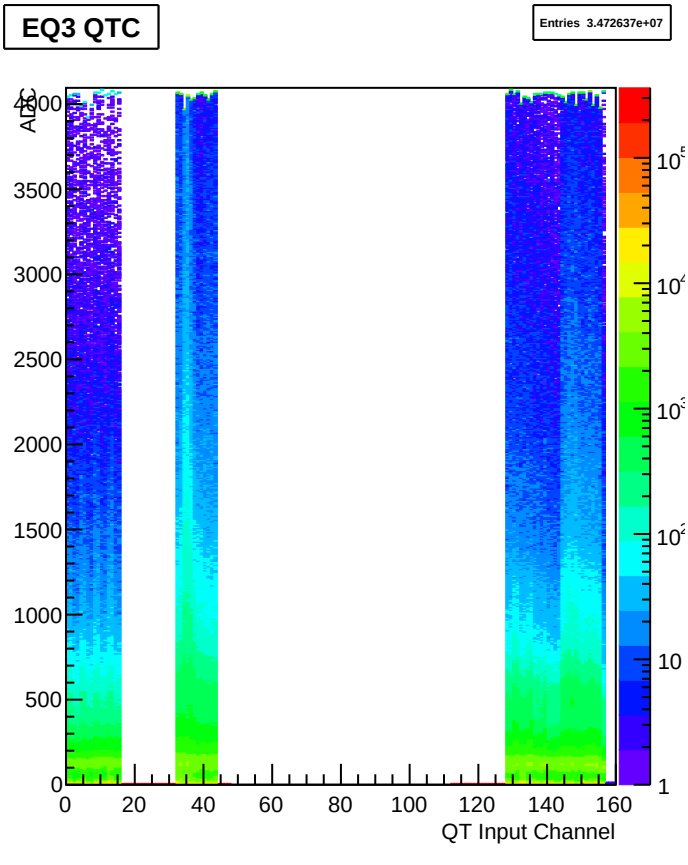

EQ2 QTB
Entries 2.682512e+07
TDC
QT Input Channel

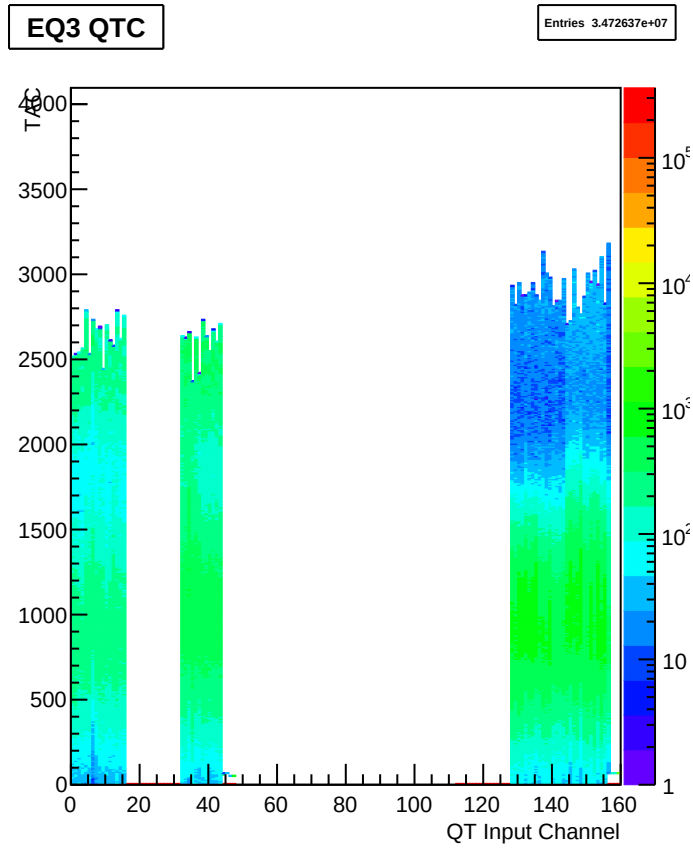

EQ2 QTC
Entries 3.472637e+07
ADC
QT Input Channel

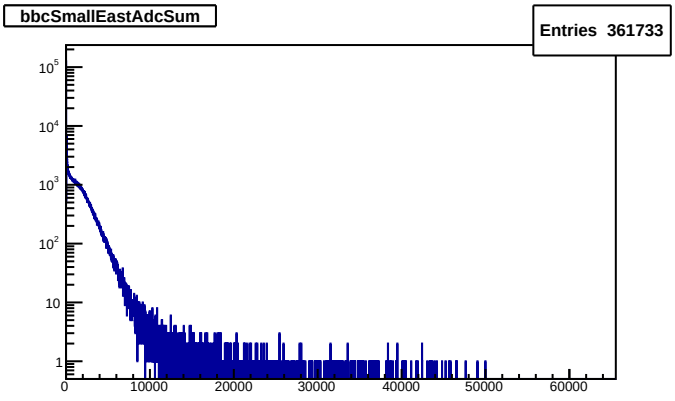

EQ2 QTC
Entries 3.472637e+07
TADC
QT Input Channel

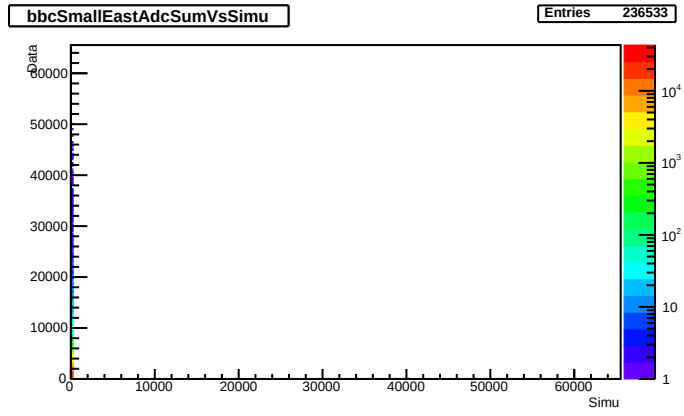

EQ3 QTB
Entries 9.260365e+07
ADC
QT Input Channel

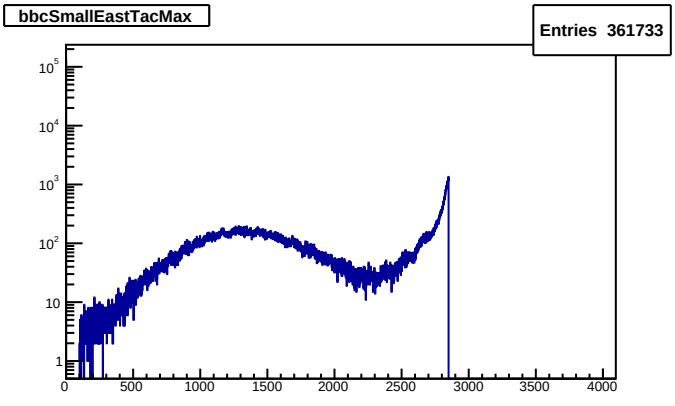

EQ3 QTB
Entries 2.649107e+07
TDC
QT Input Channel

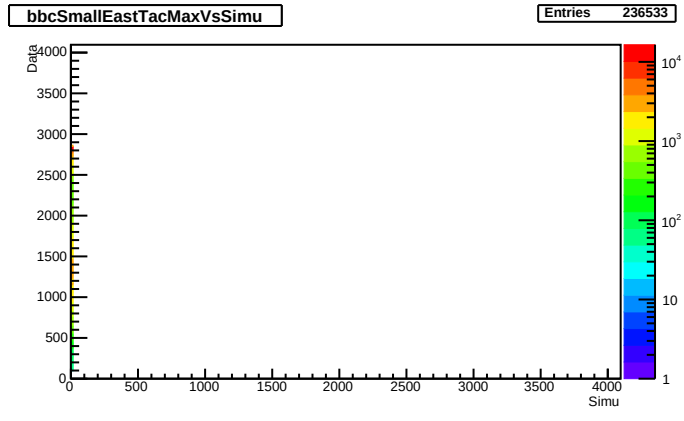

EQ3 QTC
Entries 3.472637e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.472637e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 361733


bbcSmallEastAdcSumVsSimu
Entries 236533
Data
Simu


bbcSmallEastTacMax
Entries 361733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Entries 236533
Data
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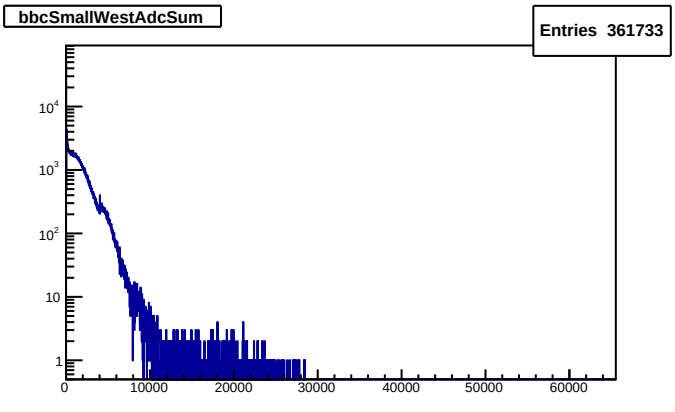
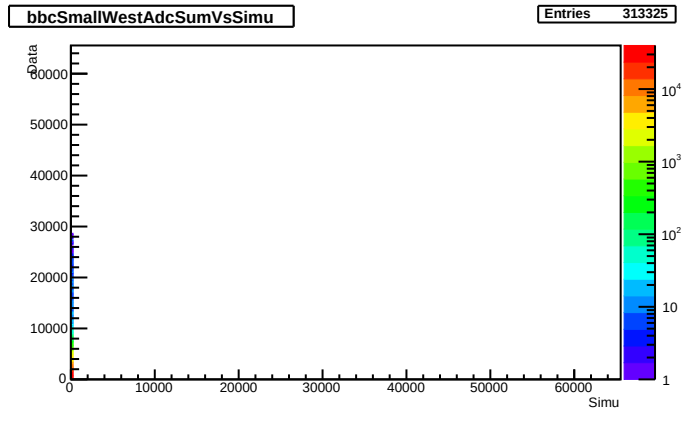

bbcSmallWestAdcSum
Entries 361733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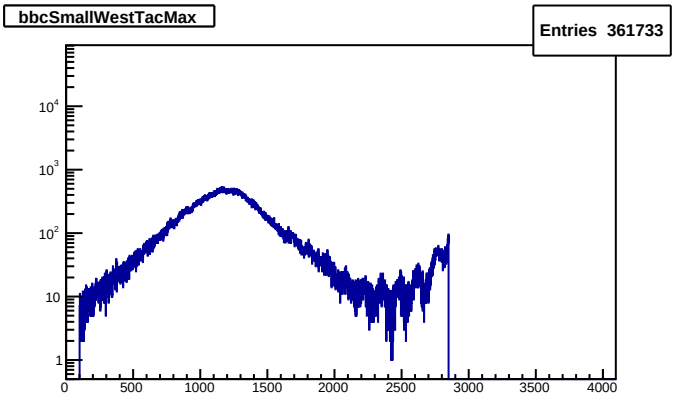
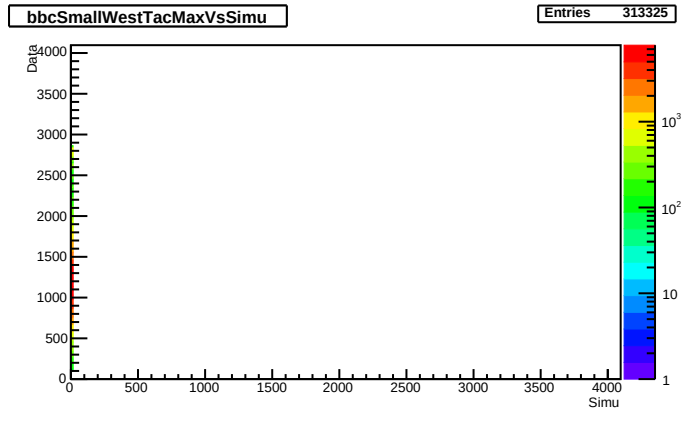
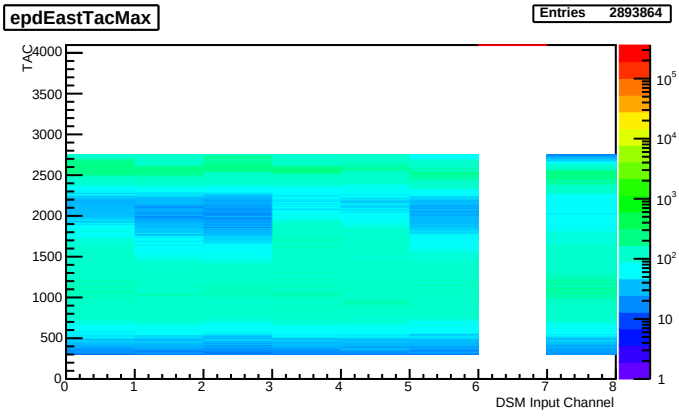
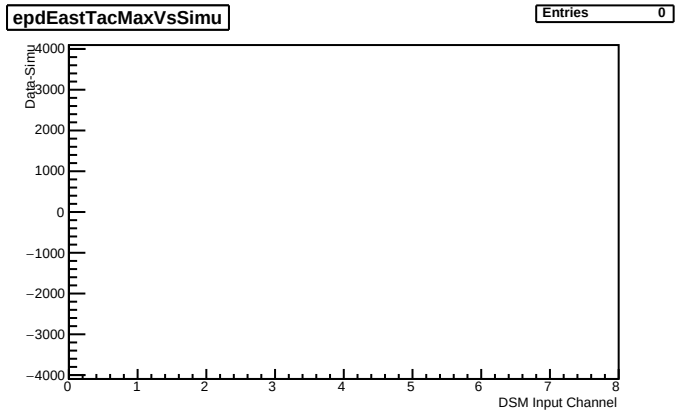
Entries 313325
Data
Simu


bbcSmallWestTacMax
Entries 361733


bbcSmallWestTacMaxVsSimu
Entries 313325
Data
Simu


epdEastTacMax
Entries 2893864
TAC
DSM Input Channel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Entries 0
Data-Simu
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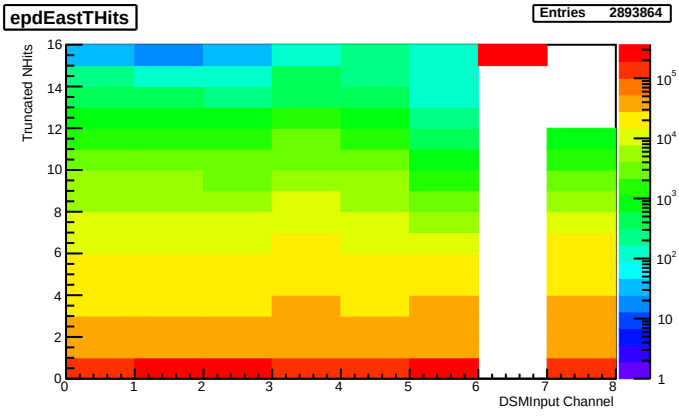
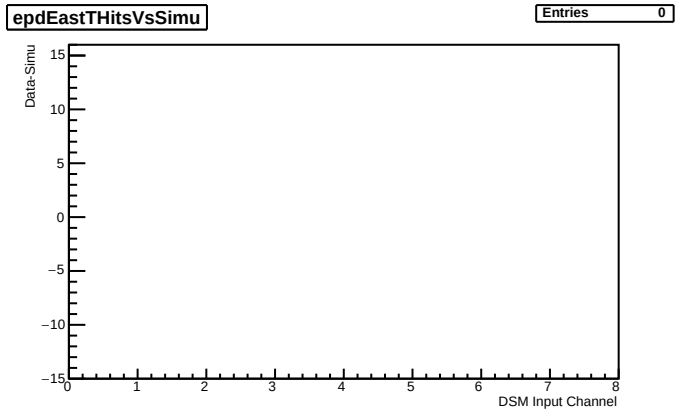

epdEastTHits
Entries 2893864
Truncated NHits
DSMInput Channel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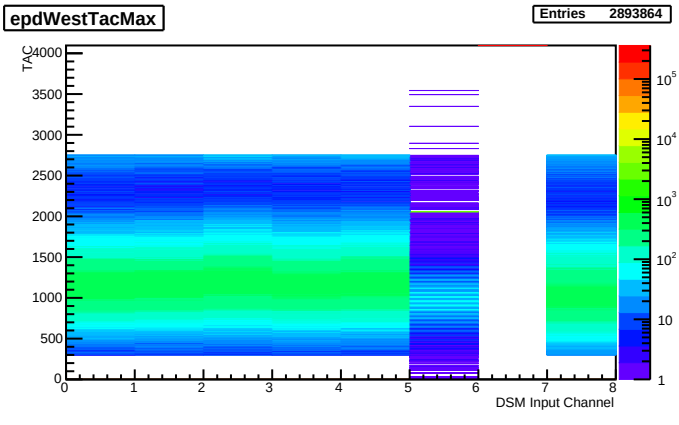
Data-Simu
DSM Input Channel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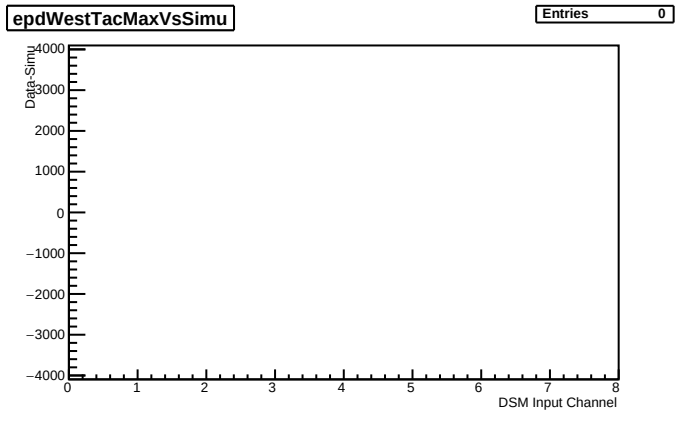
Entries 2893864
TAC
DSM Input Channel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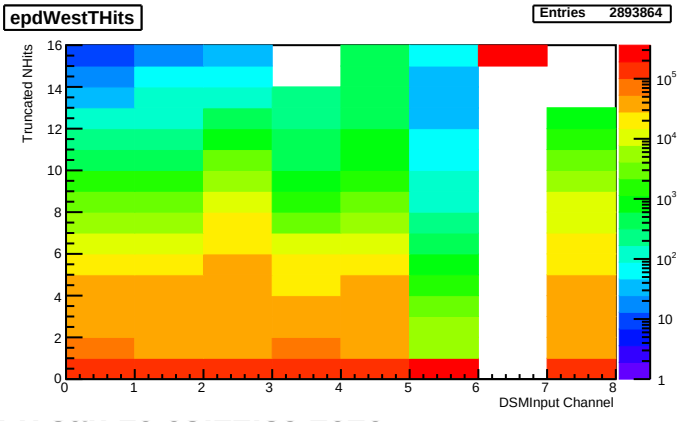
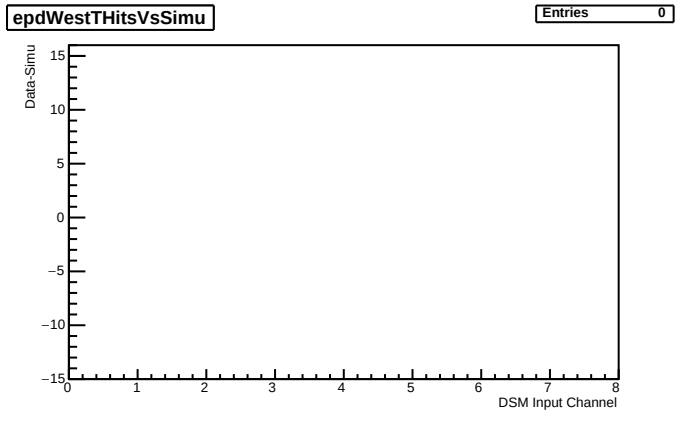
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2893864
Truncated NHits
DSMInput Channel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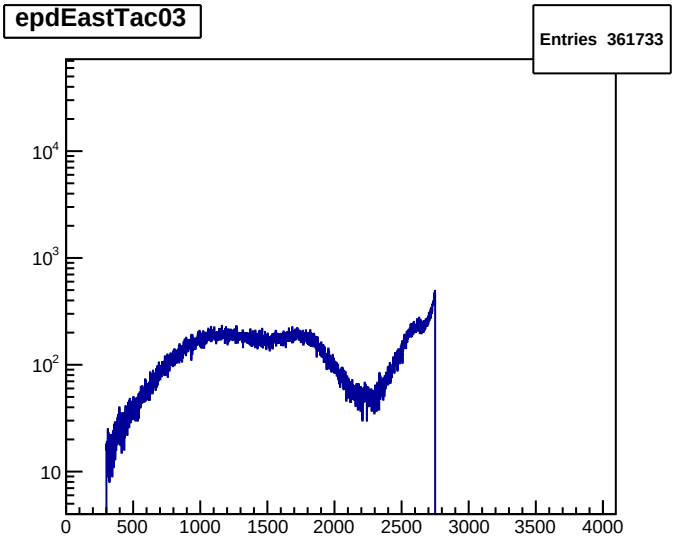
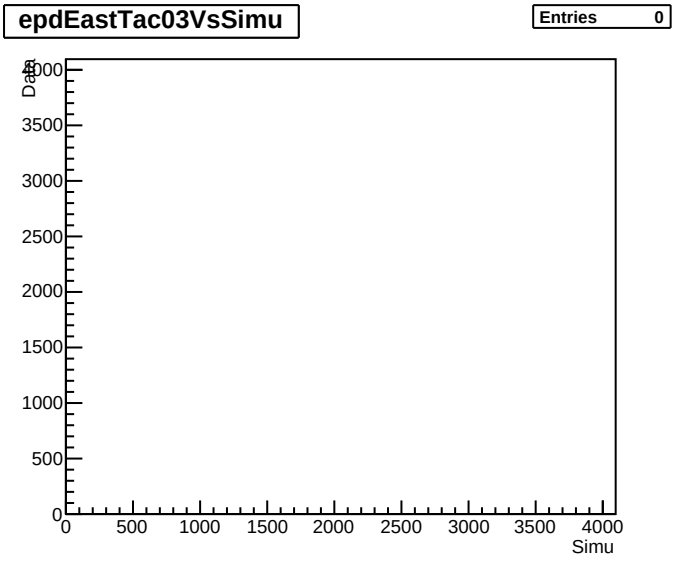
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 361733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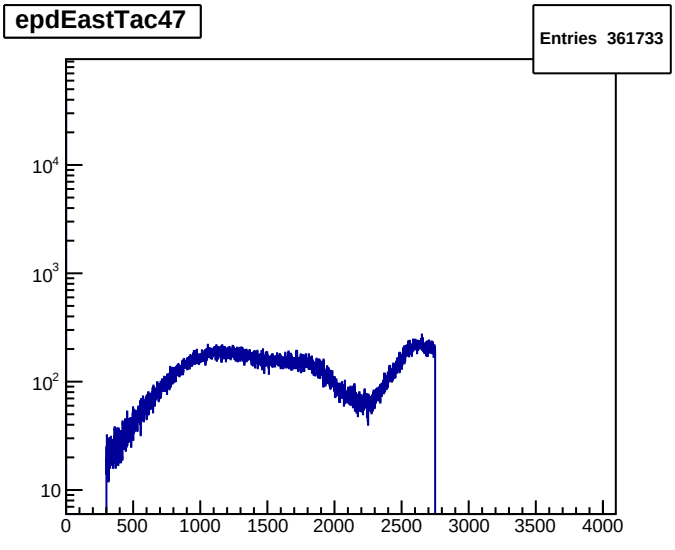
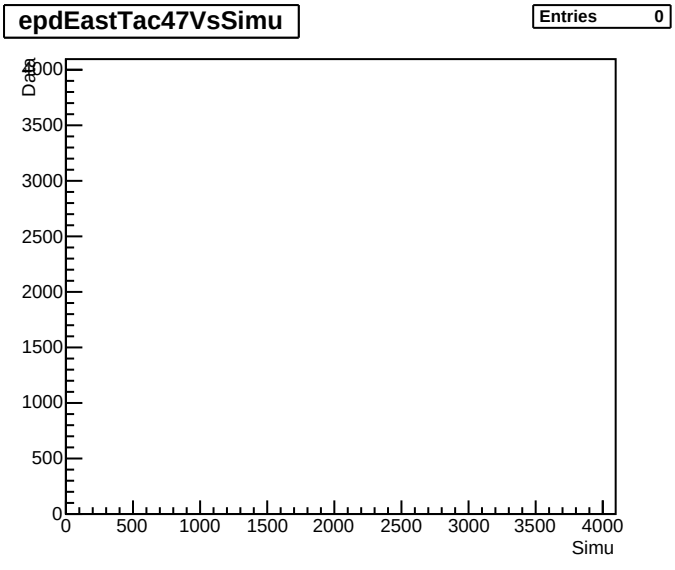
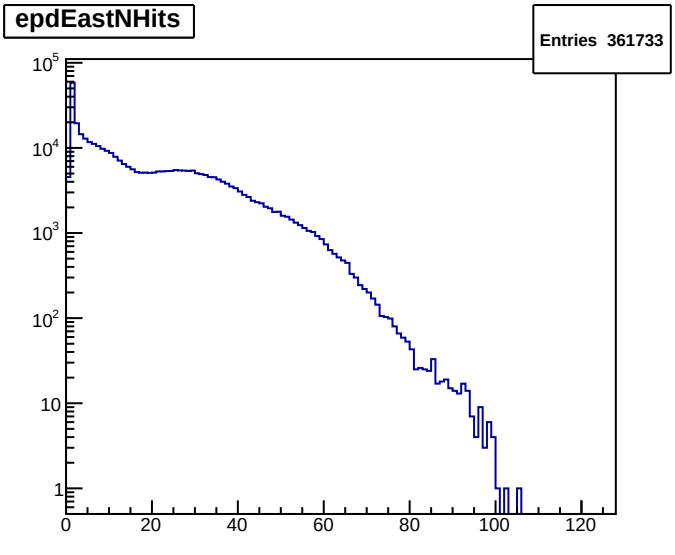
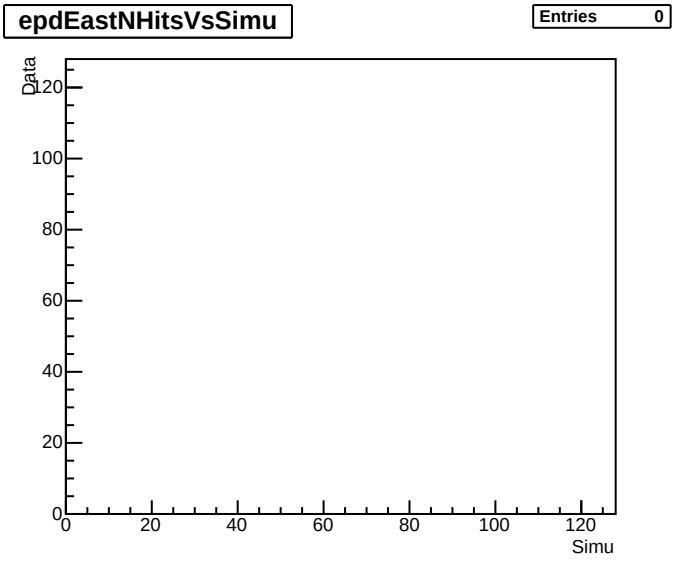
Entries 0
Data
Simu


epdEastTac47
Entries 361733


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 361733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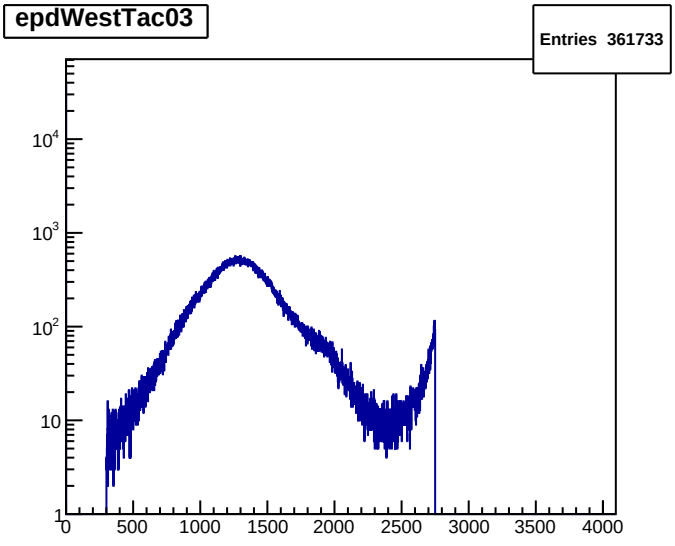
Entries 0
Data
Simu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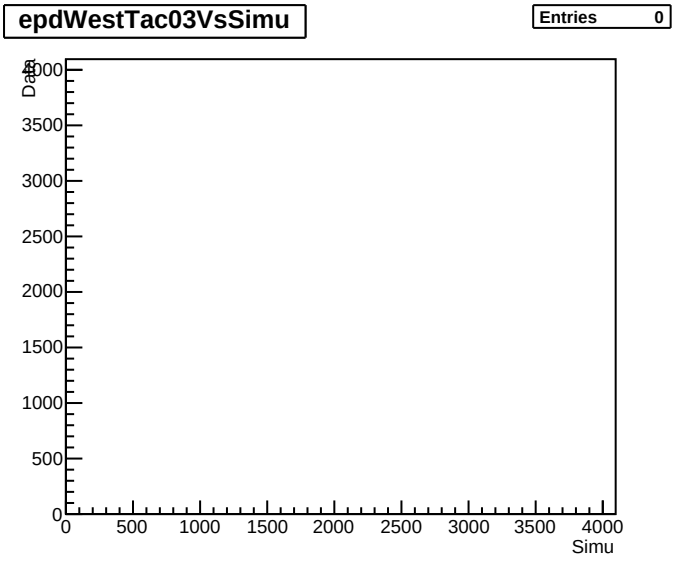
Entries 361733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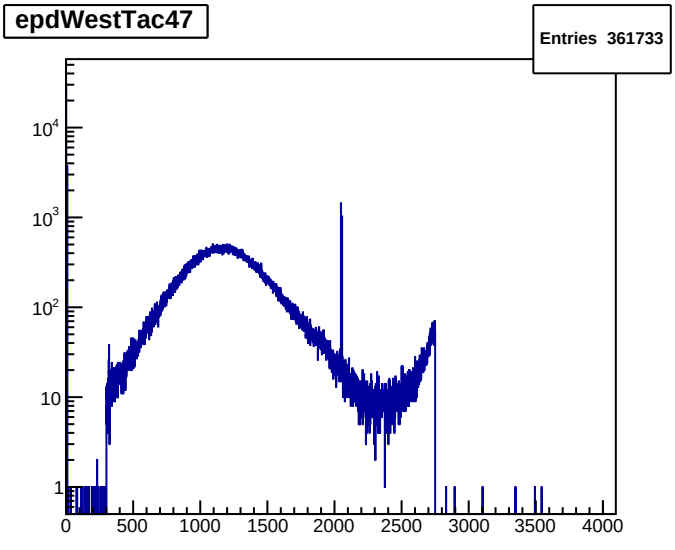
Entries 0
Data
Simu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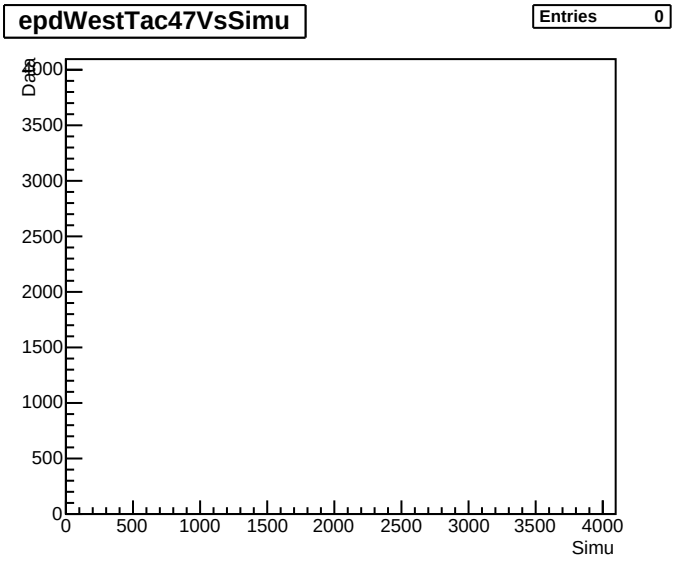
Entries 361733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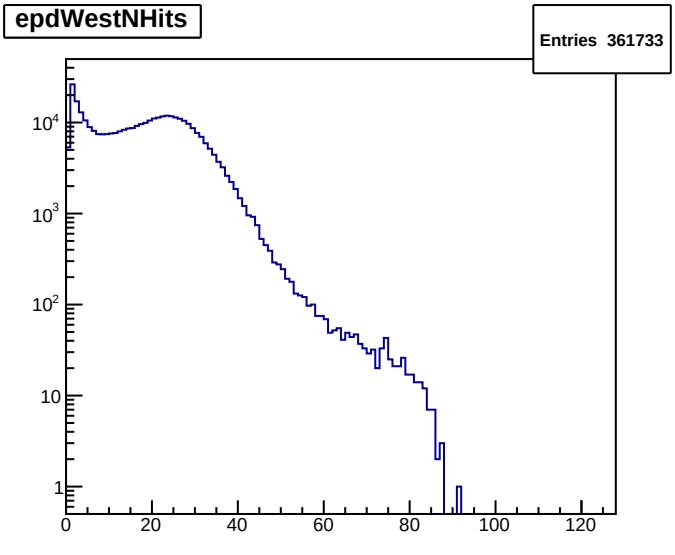
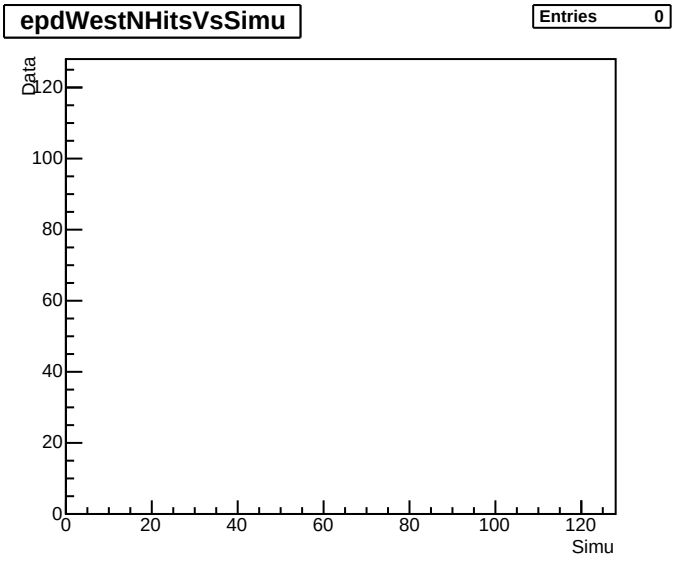
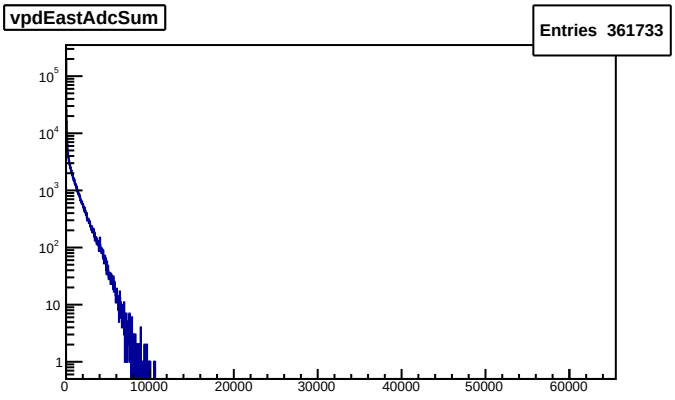
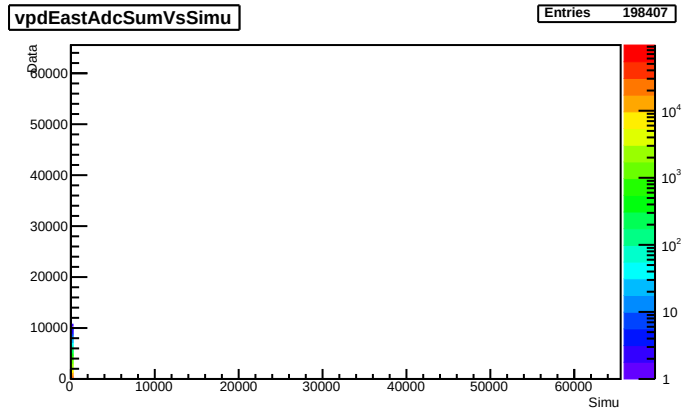
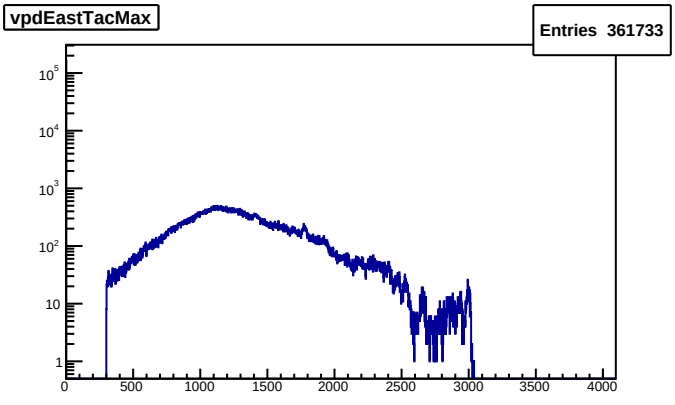
Entries 0
Data
Simu

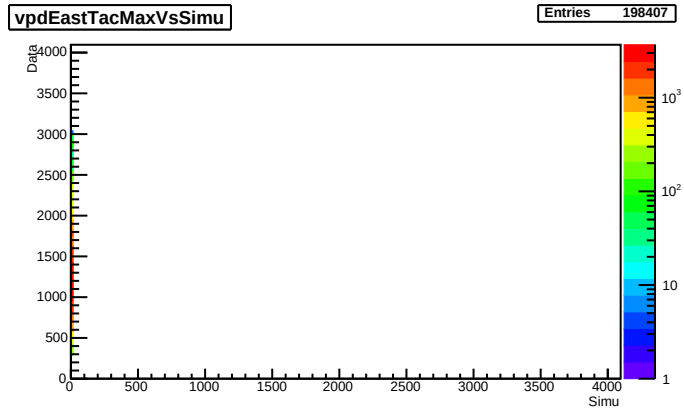

epdWestNHits
Entries 361733

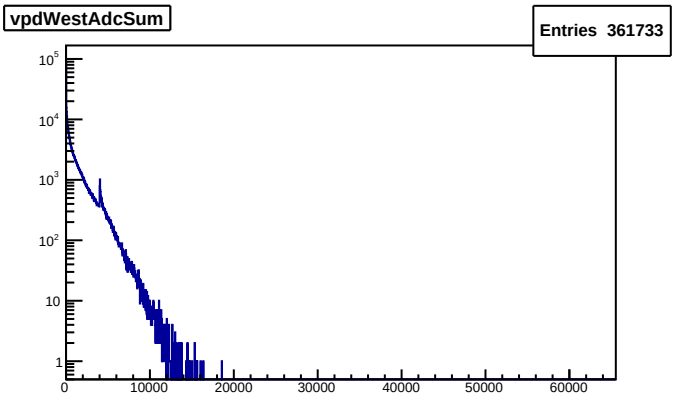

epdWestNHitsVsSimu
Entries 0
Data
Simu

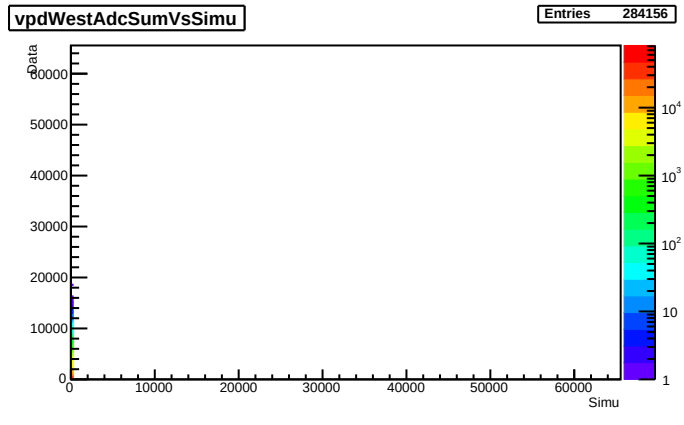

vpdEastAdcSum
Entries 361733

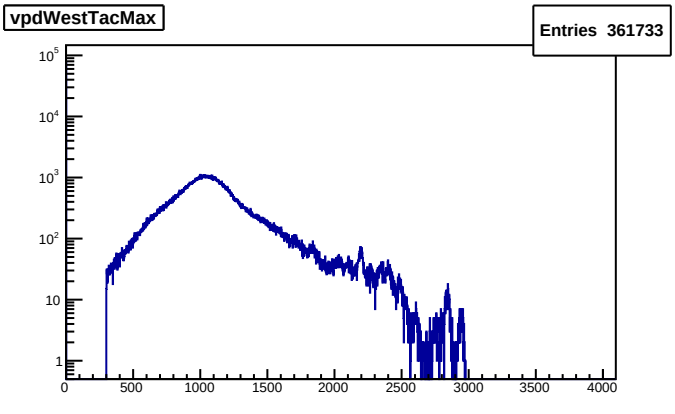

vpdEastAdcSumVsSimu
Entries 198407
Data
Simu

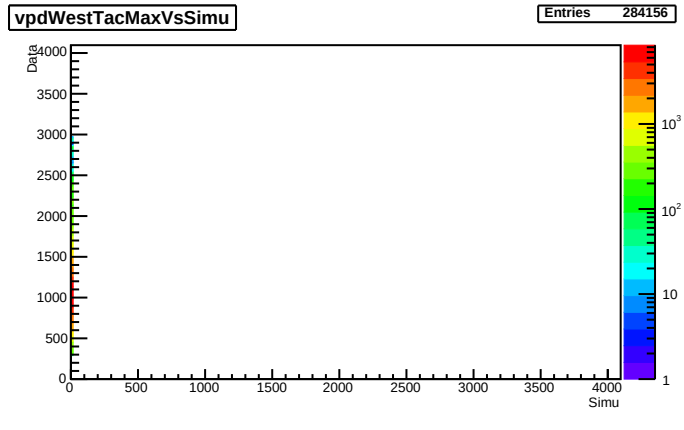

vpdEastTacMax
Entries 361733

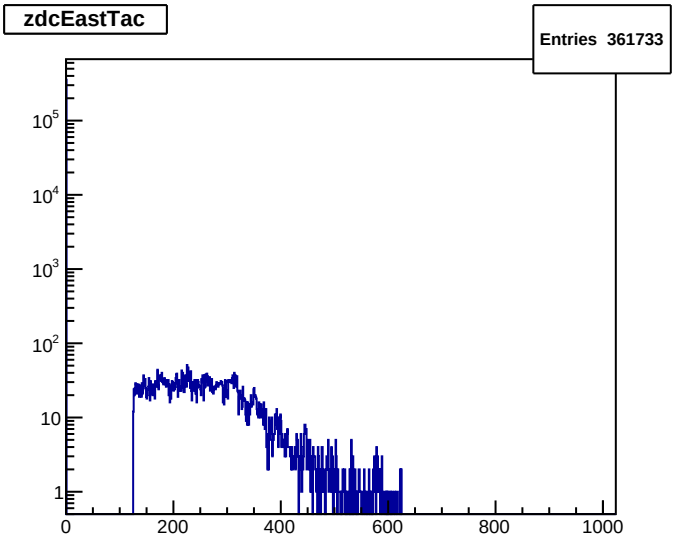

vpdEastTacMaxVsSimu
Entries 198407
Data
Simu

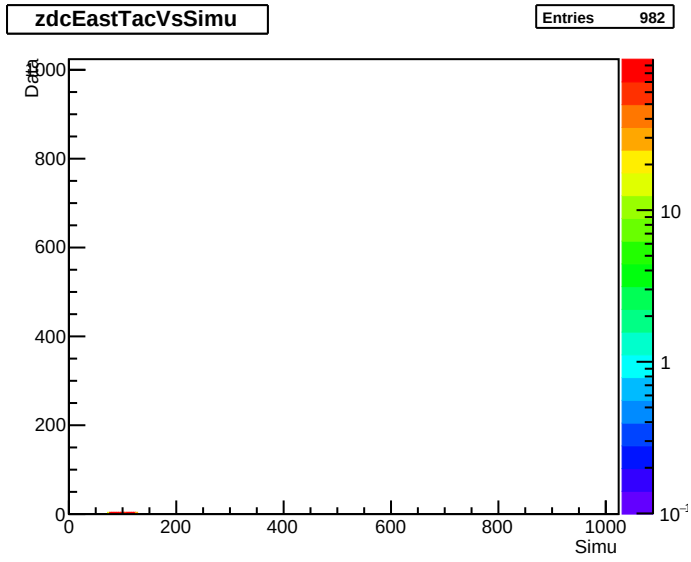

vpdWestAdcSum
Entries 361733

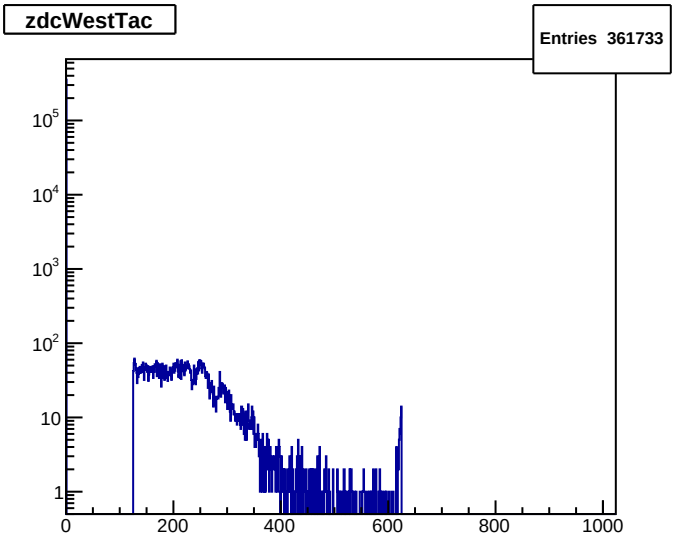

vpdWestAdcSumVsSimu
Entries 284156
Data
Simu

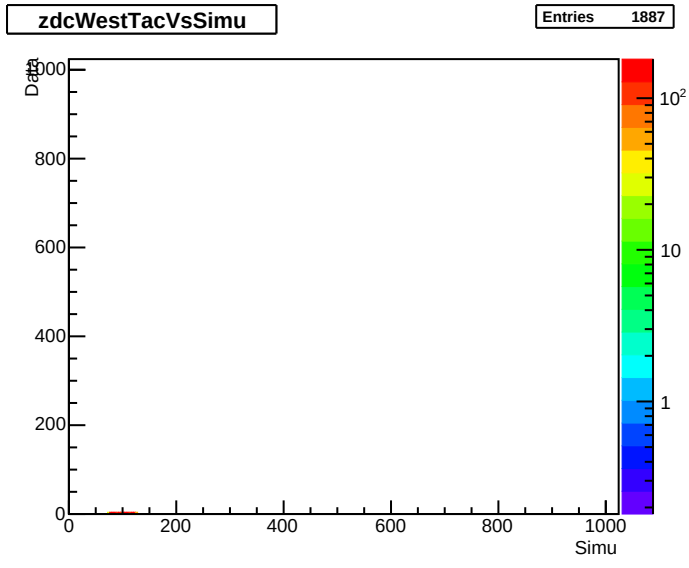

vpdWestTacMax
Entries 361733

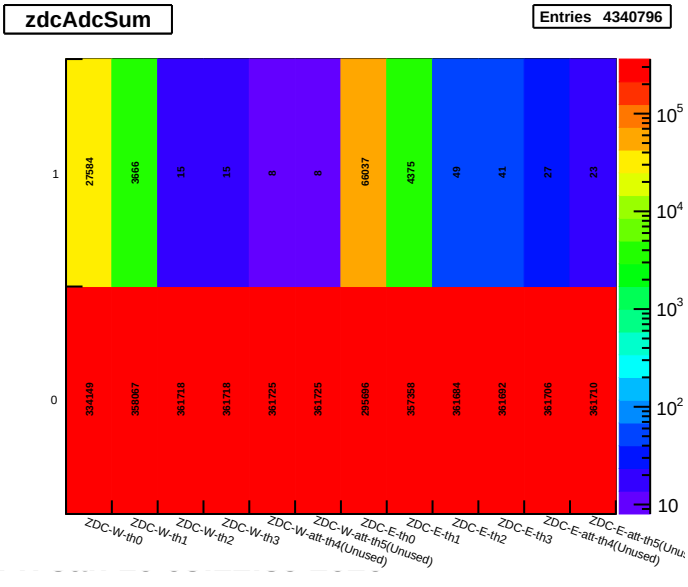

vpdWestTacMaxVsSimu
Entries 284156
Data
Simu

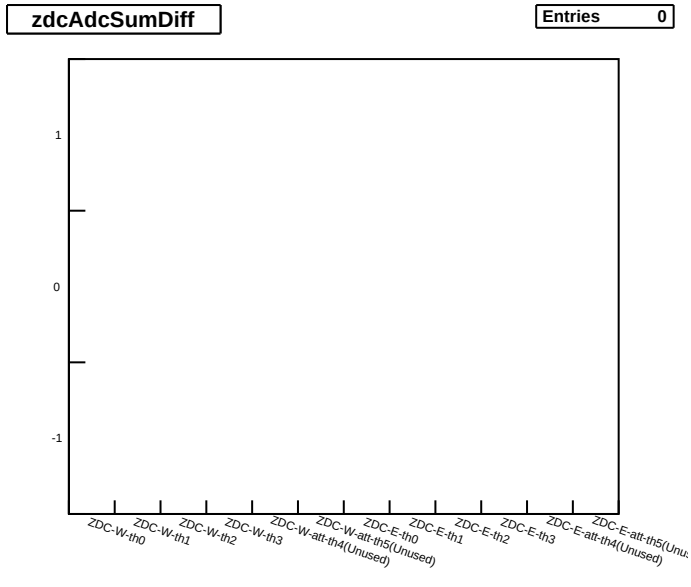

zdcEastTac
Entries 361733

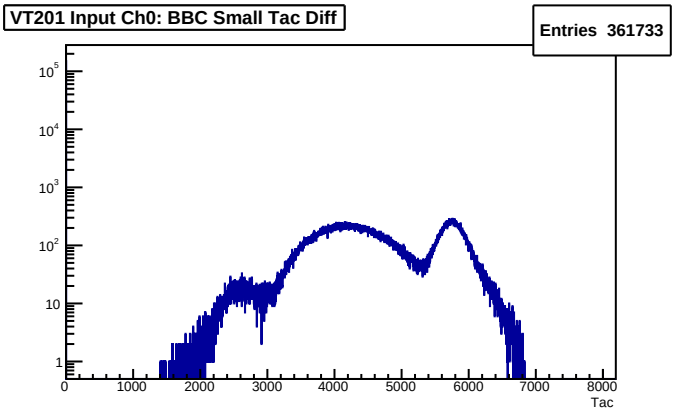

zdcEastTacVsSimu
Entries 982
Data
Simu

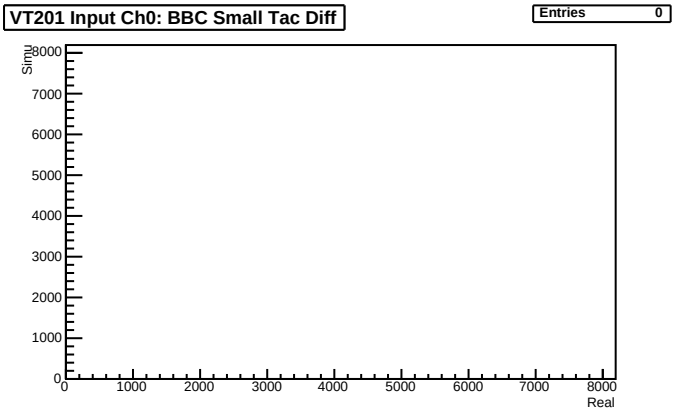

zdcWestTac
Entries 361733

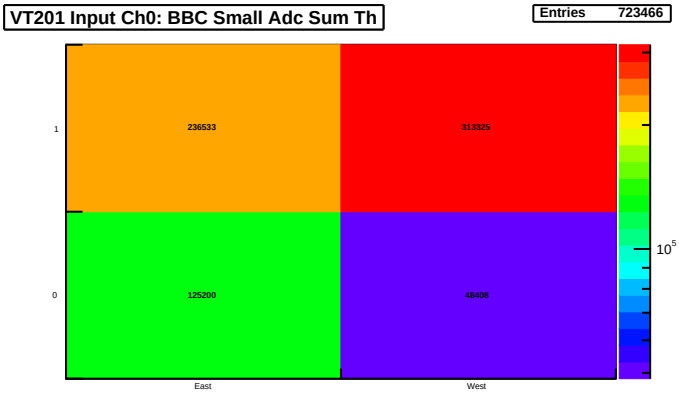

zdcWestTacVsSimu
Entries 1887
Data
Simu

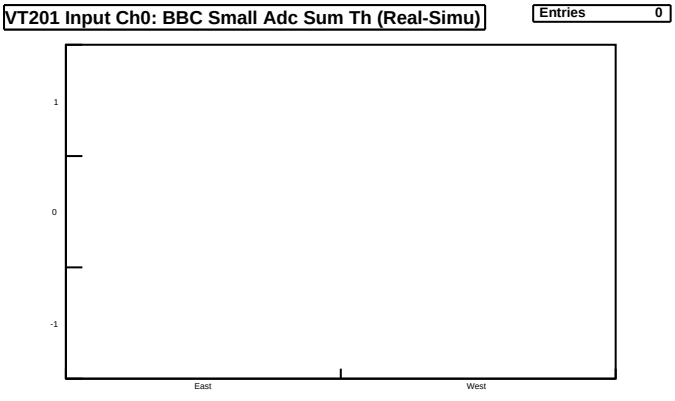

zdcAdcSum
Entries 4340796
27584
3666
15
15
8
8
66037
4375
49
41
27
23
334149
358067
361718
361718
361725
361725
295696
357386
361684
361692
361706
361710
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

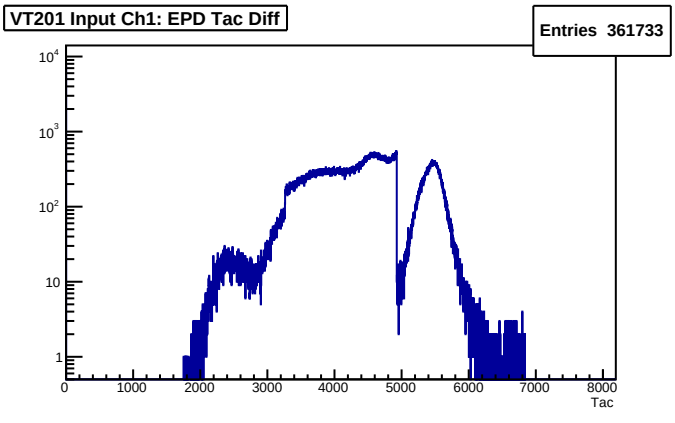

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

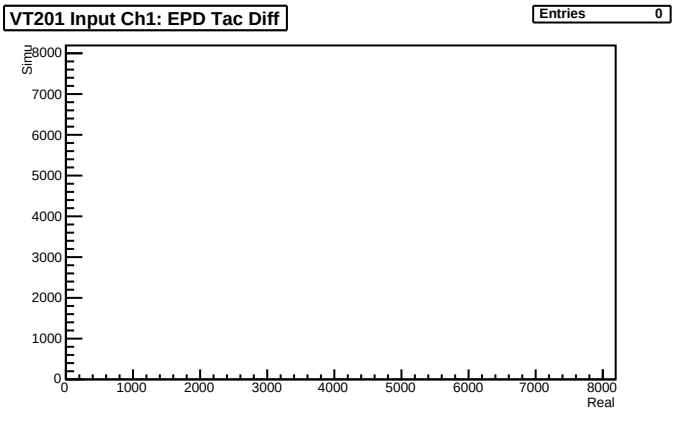

VT201 Input Ch0: BBC Small Tac Diff
Entries 361733
Tac

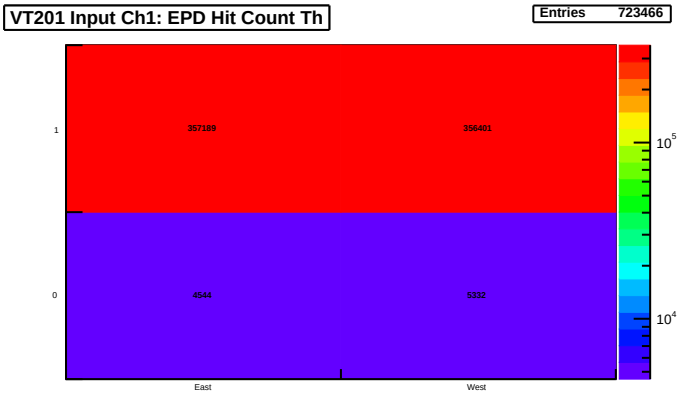

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

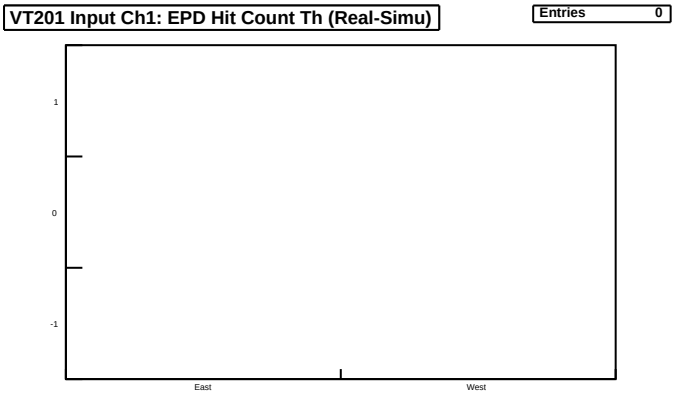

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 723466
236533
313325
125200
48408
East
West

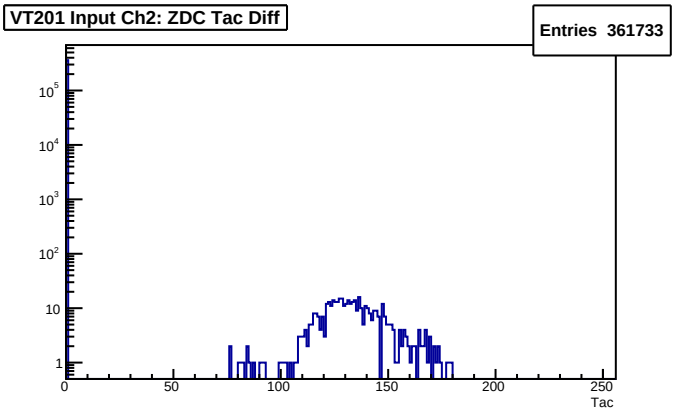

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

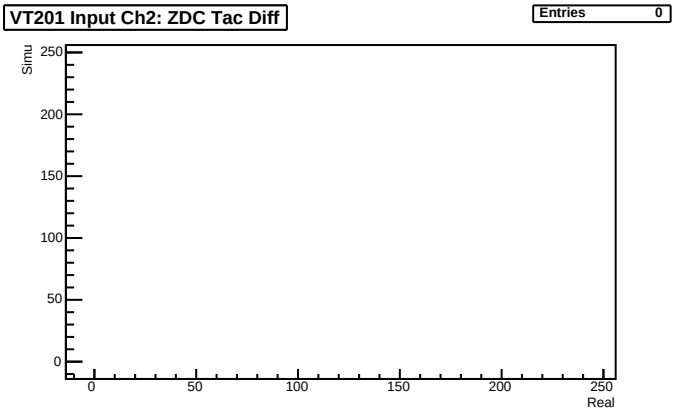

VT201 Input Ch1: EPD Tac Diff
Entries 361733
Tac

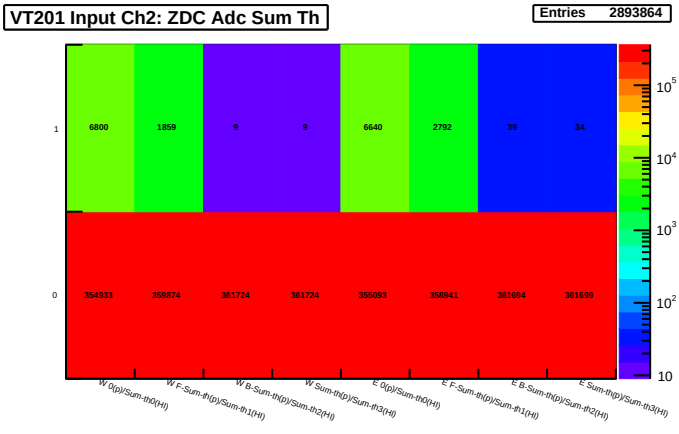

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

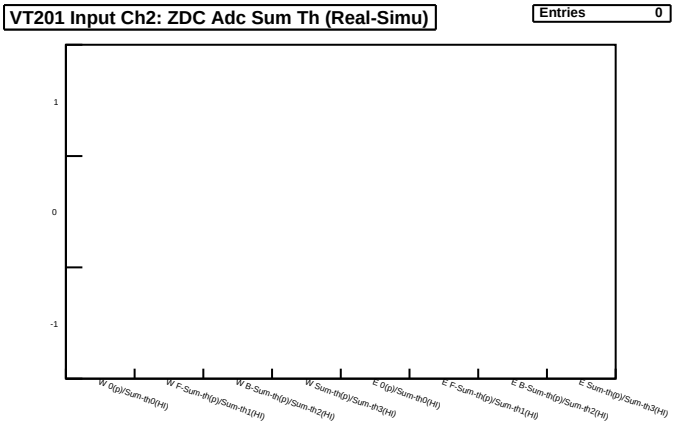

VT201 Input Ch1: EPD Hit Count Th
Entries 723466
357189
356401
4544
5332
East
West

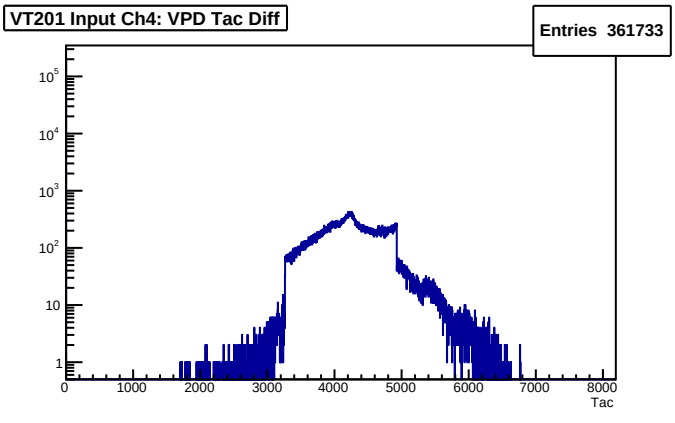

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

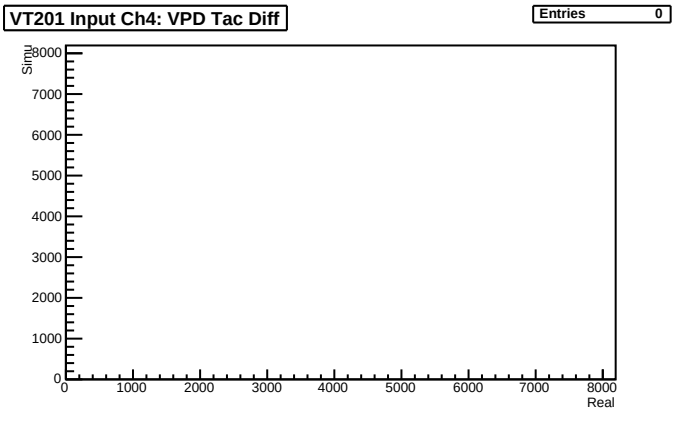

VT201 Input Ch2: ZDC Tac Diff
Entries 361733
Tac

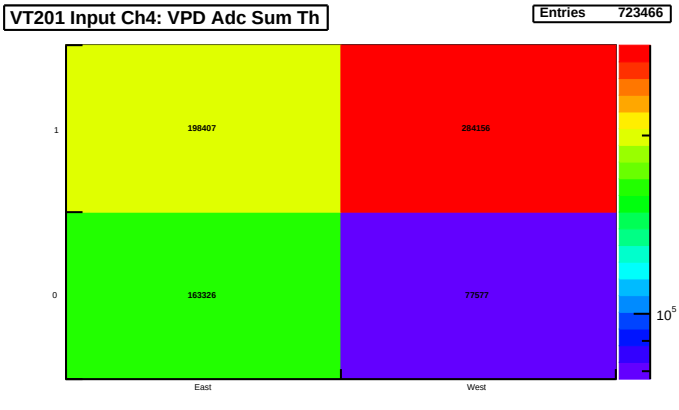

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

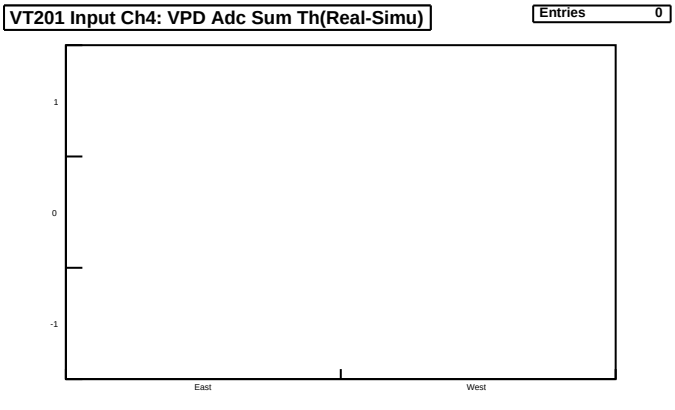

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2893864
6800
1859
9
9
6640
2792
39
34
354933
359874
361724
361724
355093
358941
361694
361699
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

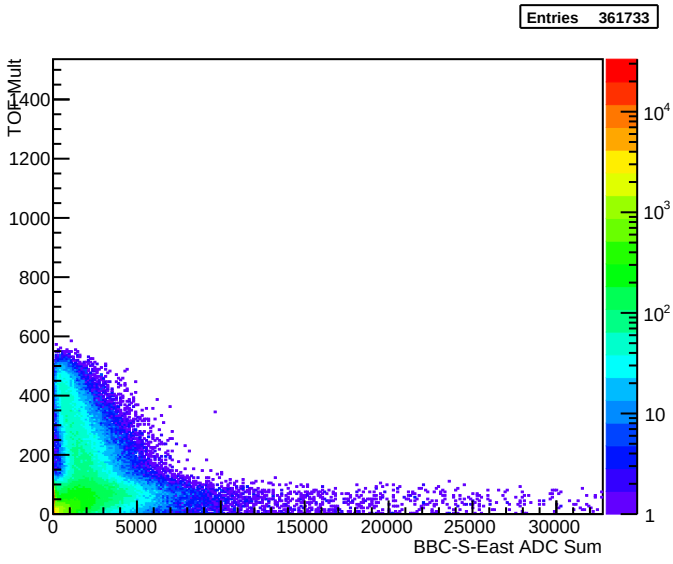

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

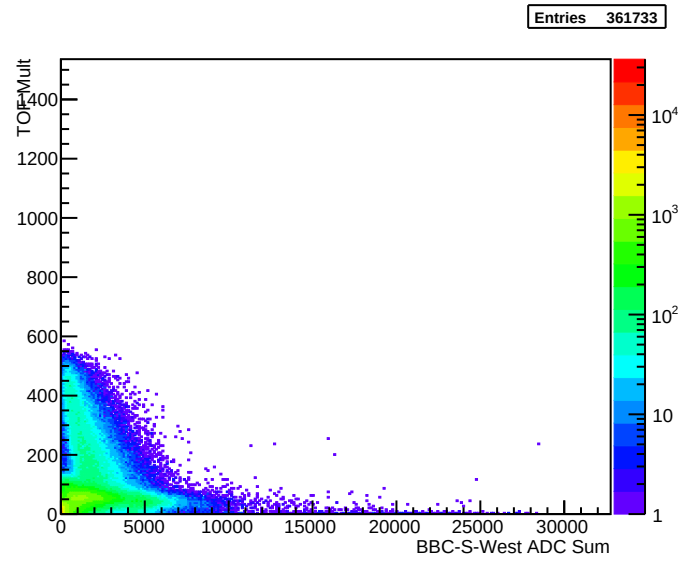

VT201 Input Ch4: VPD Tac Diff
Entries 361733
Tac

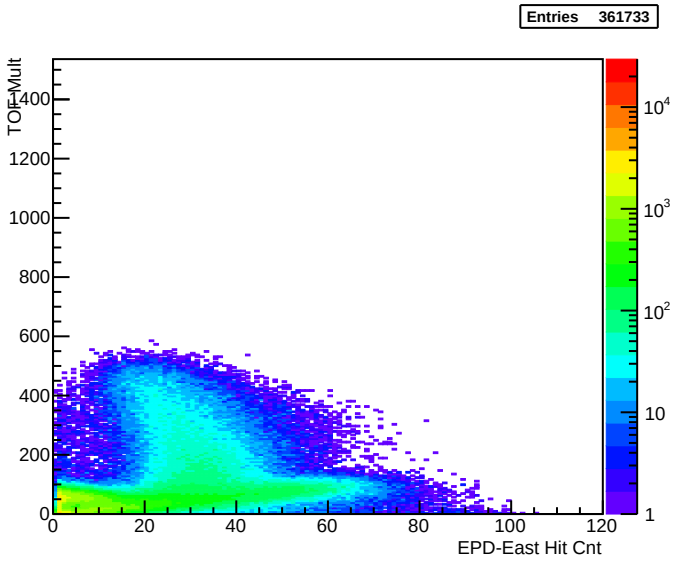

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

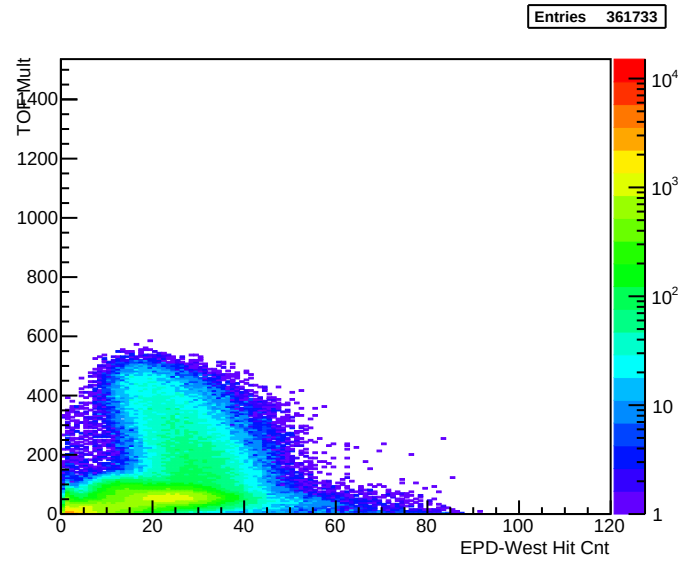

VT201 Input Ch4: VPD Adc Sum Th
Entries 723466
198407
284156
163326
77577
East
West

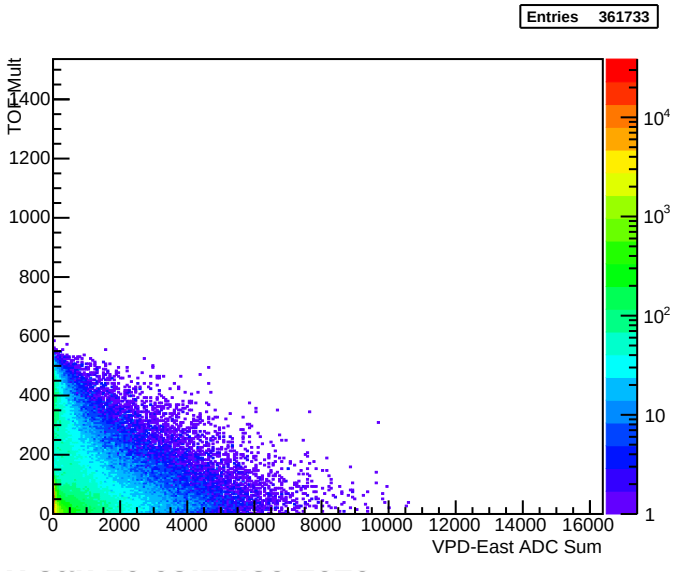

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

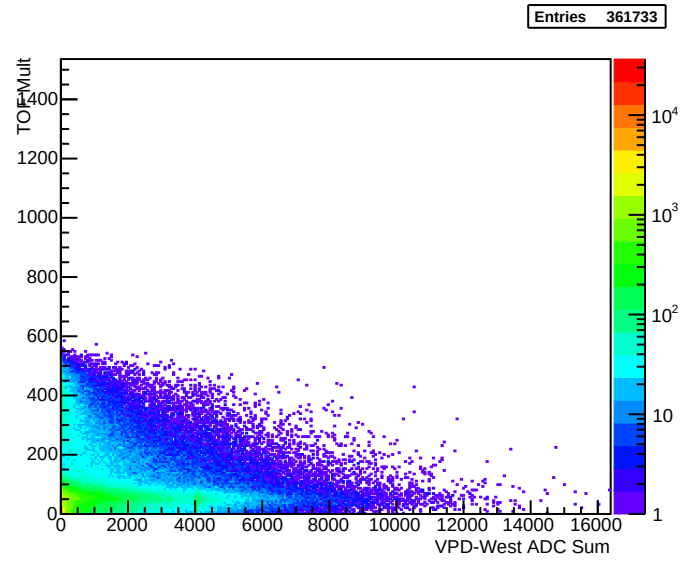

Entries 361733
TOF-Mult
BBC-S-East ADC Sum

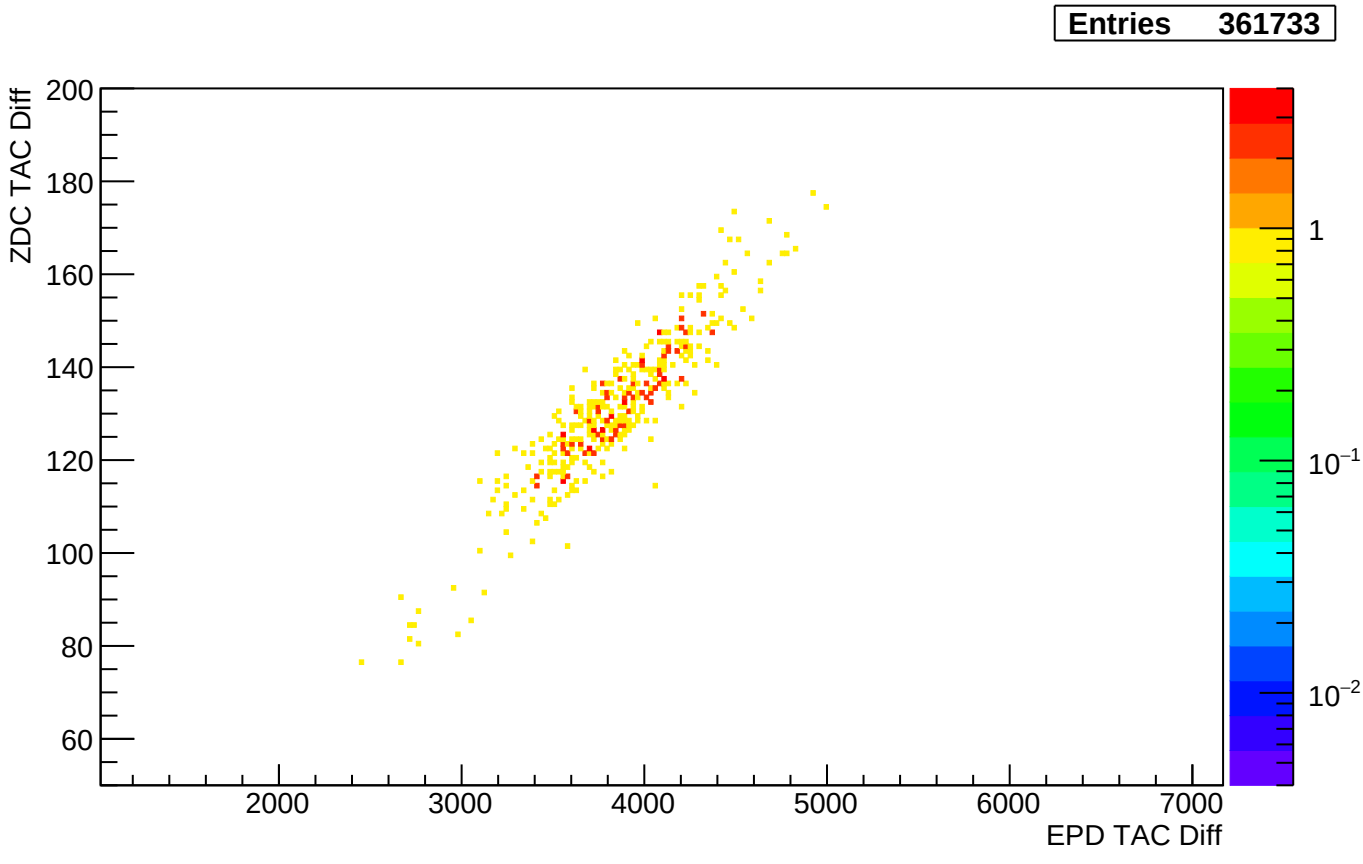

Entries 361733
TOF-Mult
BBC-S-West ADC Sum

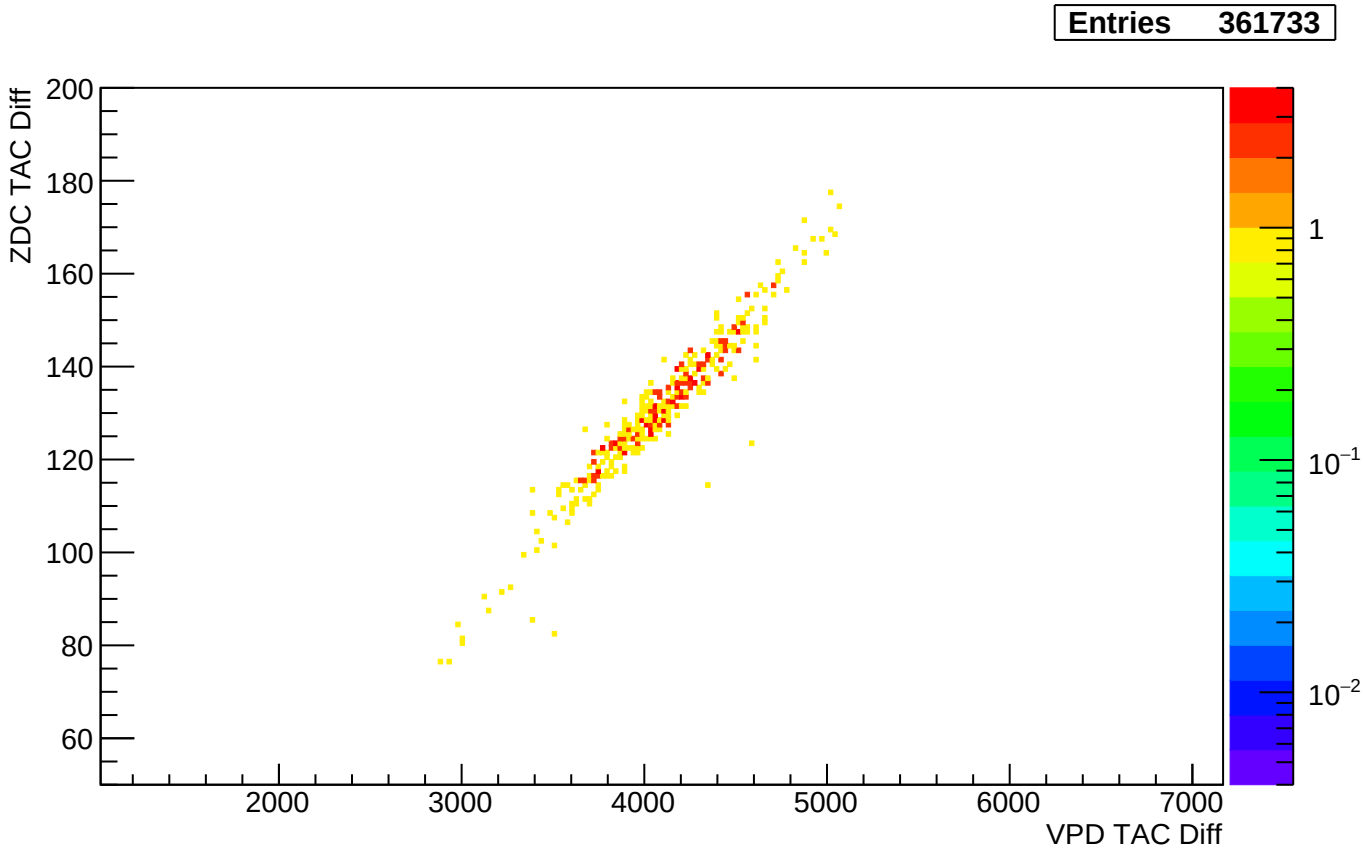

Entries 361733
TOF-Mult
EPD-East Hit Cnt

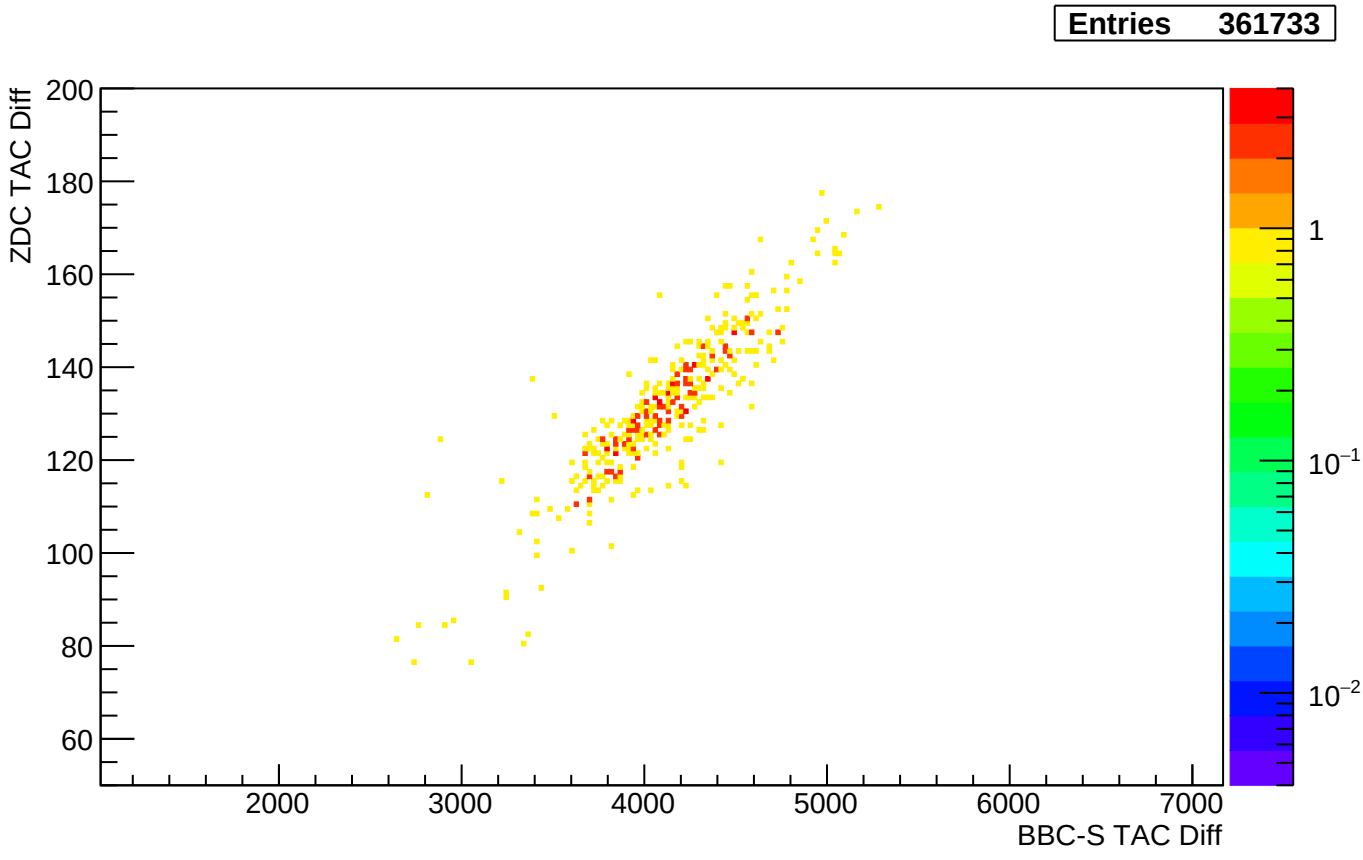

Entries 361733
TOF-Mult
EPD-West Hit Cnt

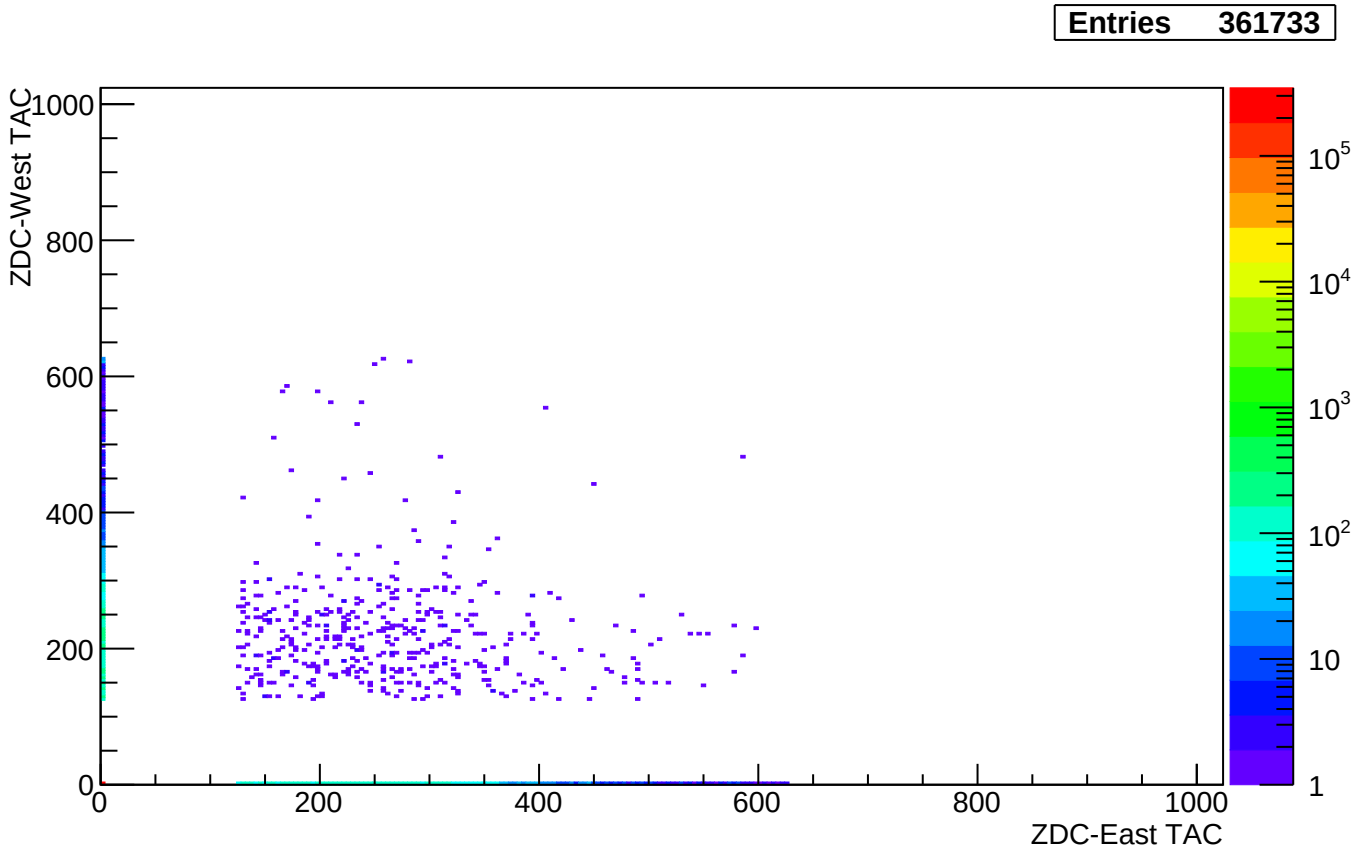

Entries 361733
TOF-Mult
VPD-East ADC Sum

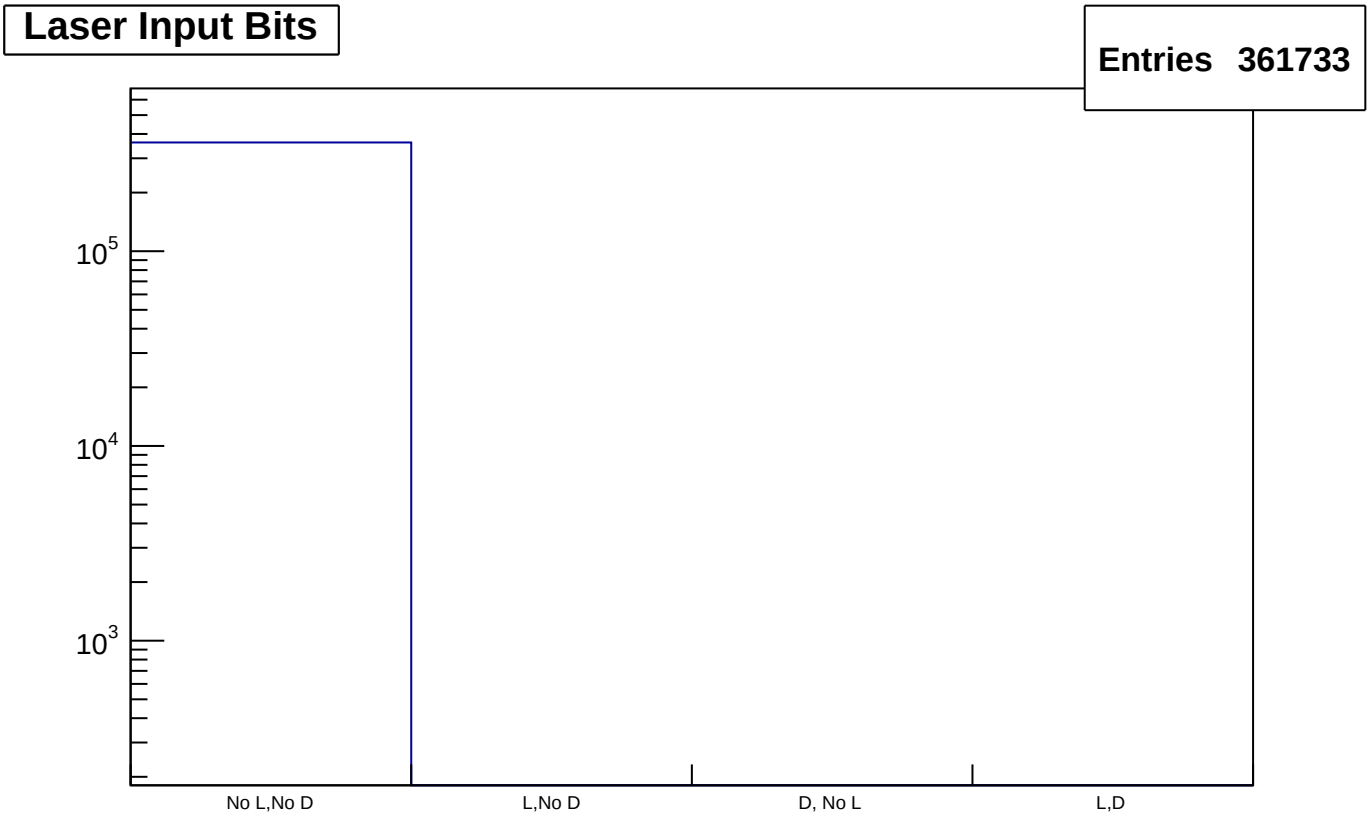

Entries 361733
TOF-Mult
VPD-West ADC Sum

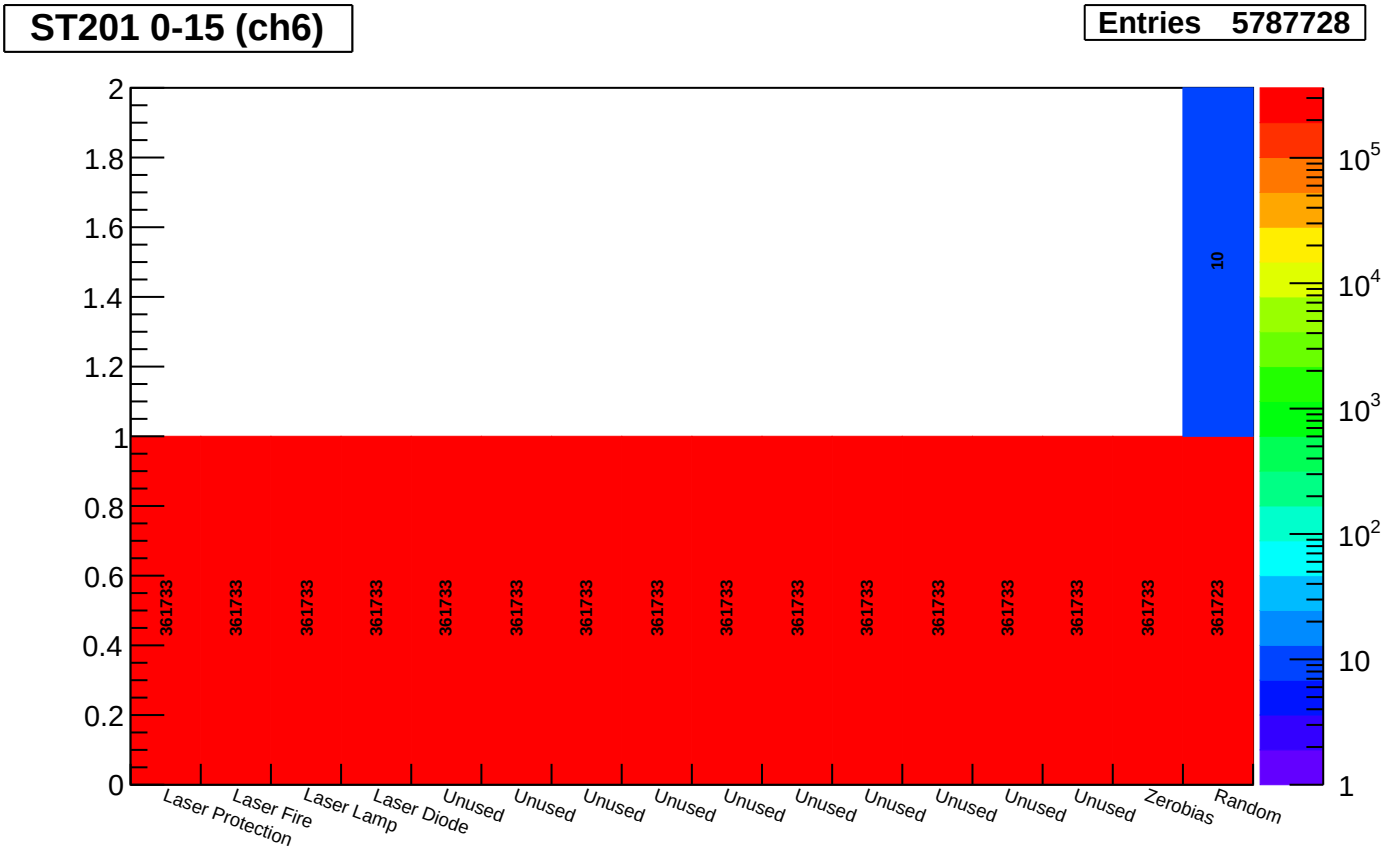

Entries 361733
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

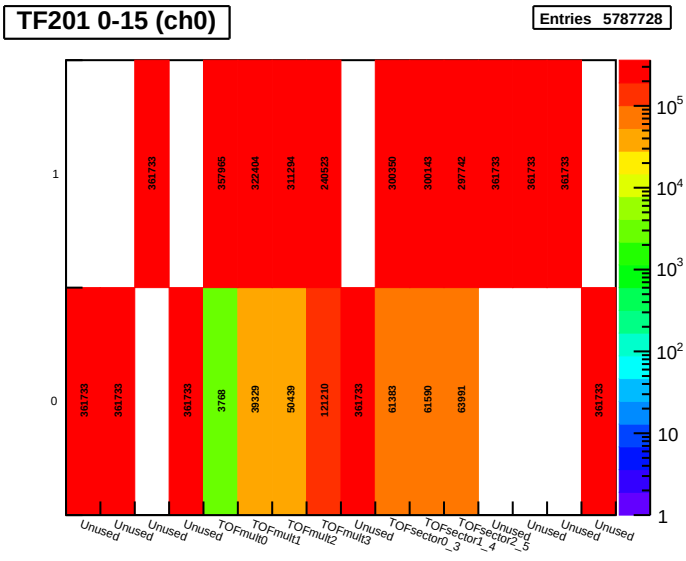

Entries 361733
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

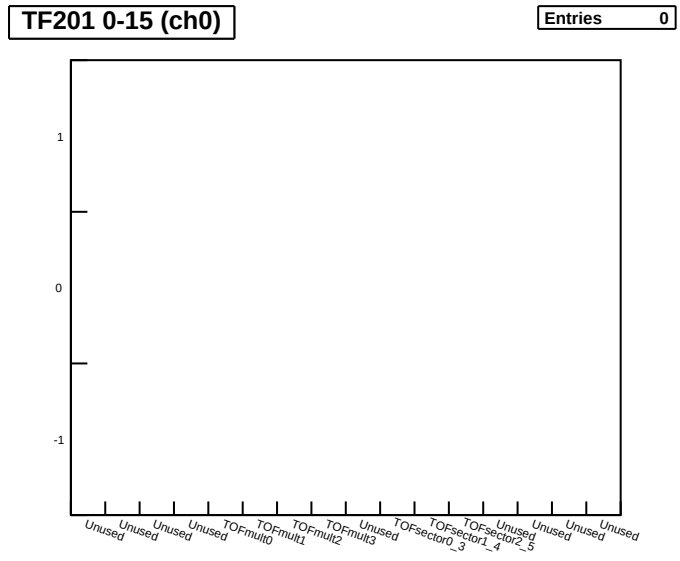

Entries 361733
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

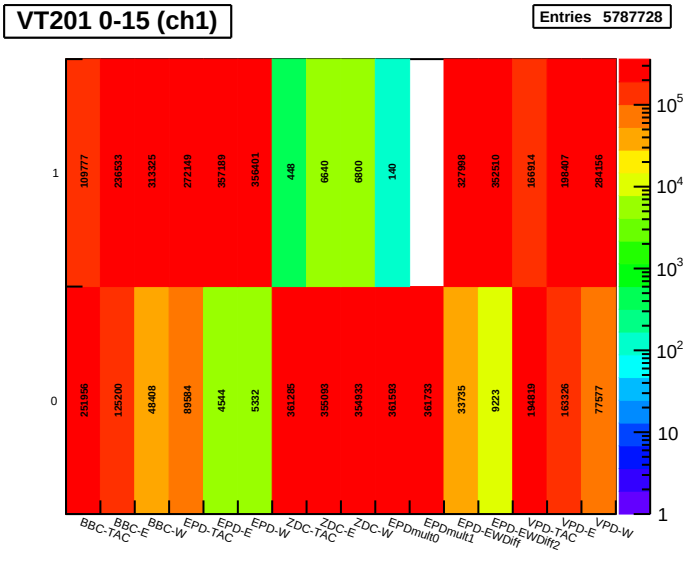

Entries 361733
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

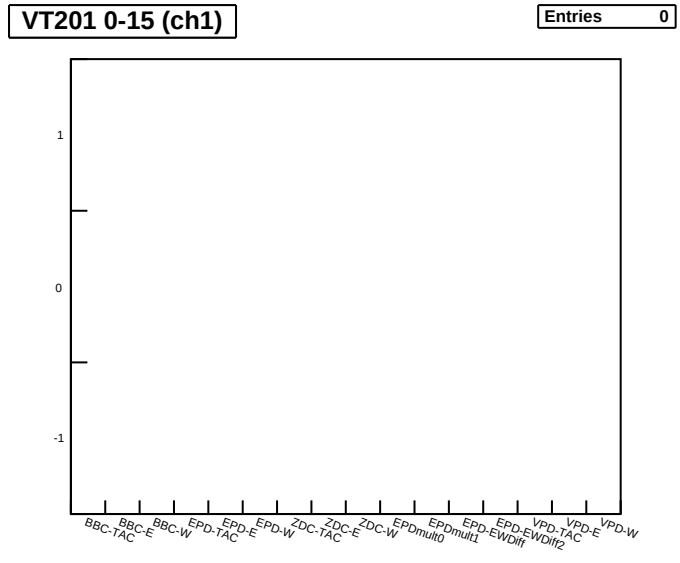

Laser Input Bits
Entries 361733
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

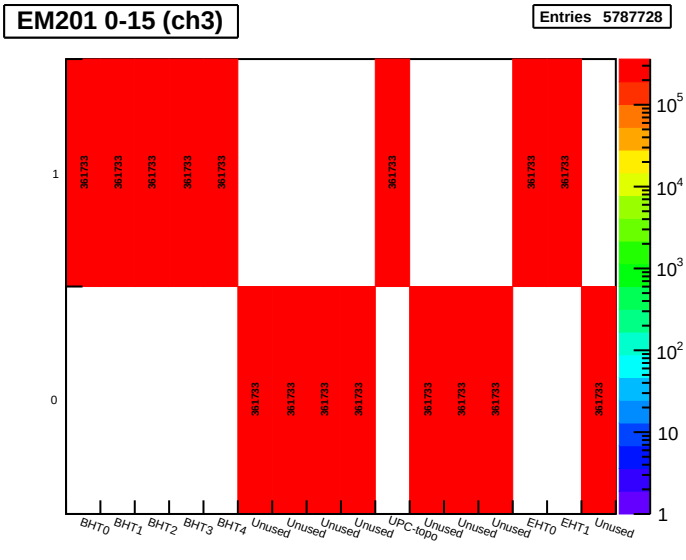

ST201 0-15 (ch6)
Entries 5787728
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
361733
361723
10
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

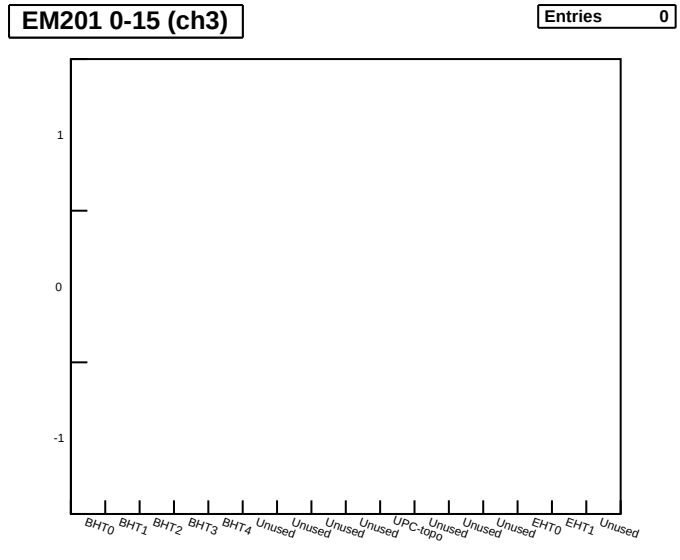

TF201 0-15 (ch0)
Entries 5787728
1
0
361733
357965
322404
311294
240523
300350
300143
297742
361733
361733
361733
361733
361733
361733
3768
39329
50439
121210
361733
61383
61590
63991
361733
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 5787728
1
0
109777
236533
313325
272149
357189
356401
448
6640
6800
140
327998
352510
166914
194407
284156
231956
125200
48408
89584
4544
5332
361285
355093
354033
361583
361733
33735
9223
194819
163326
77577
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 5787728
1
0
361733
361733
361733
361733
361733
361733
361733
361733
361733
361733
361733
361733
361733
361733
361733
361733
361733
361733
361733
361733
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