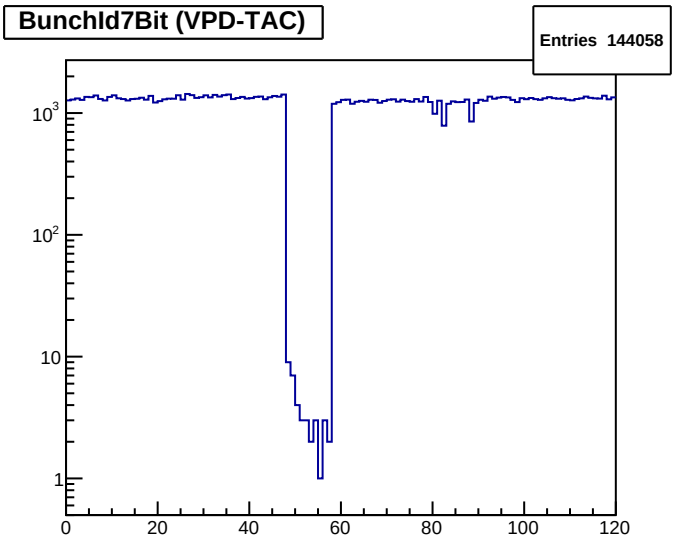
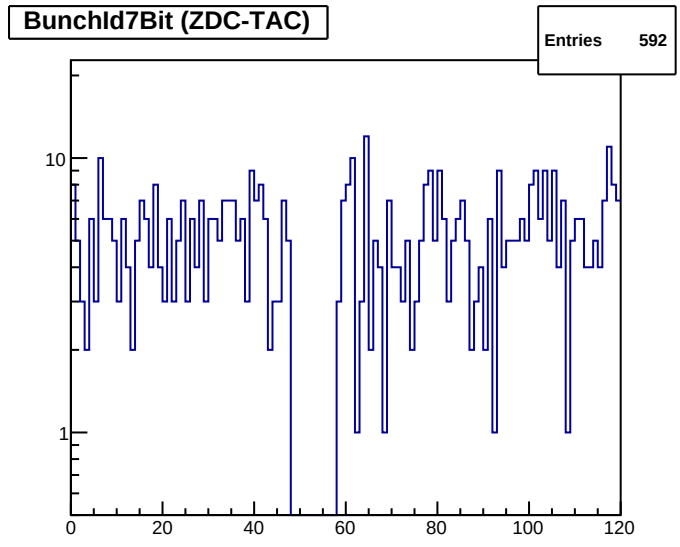
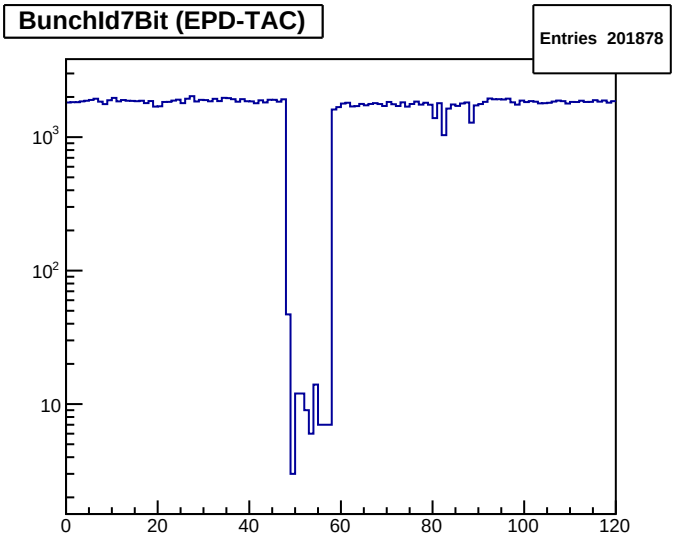
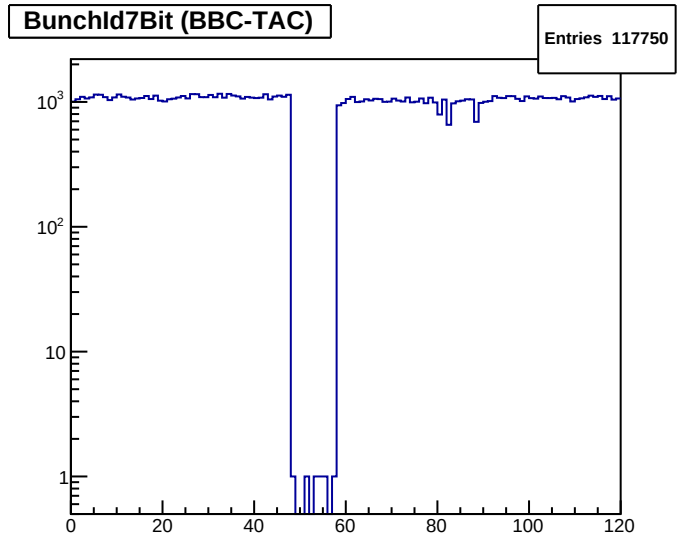
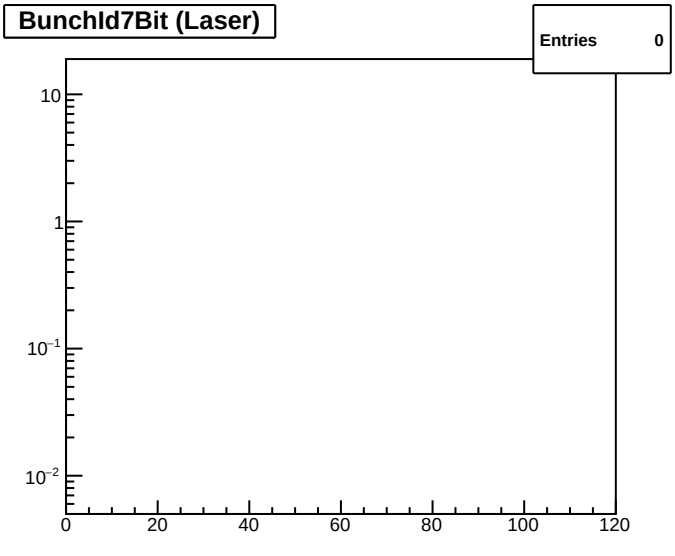
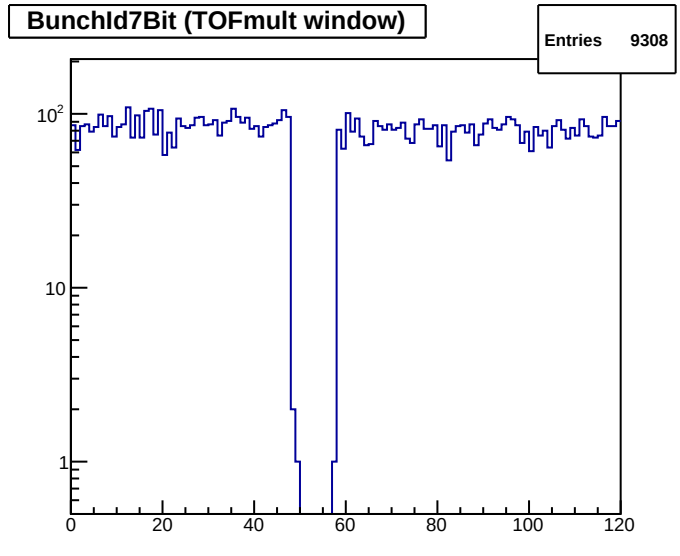

BunchId7Bit (VPD-TAC)
Entries 144058

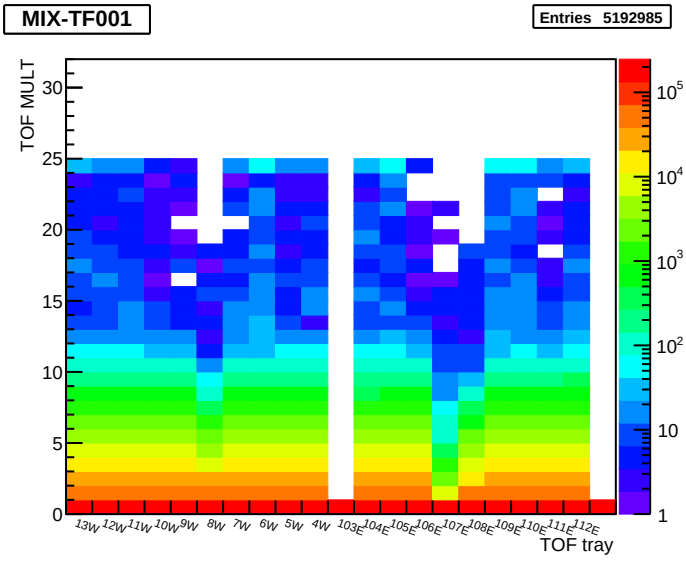

BunchId7Bit (ZDC-TAC)
Entries 592

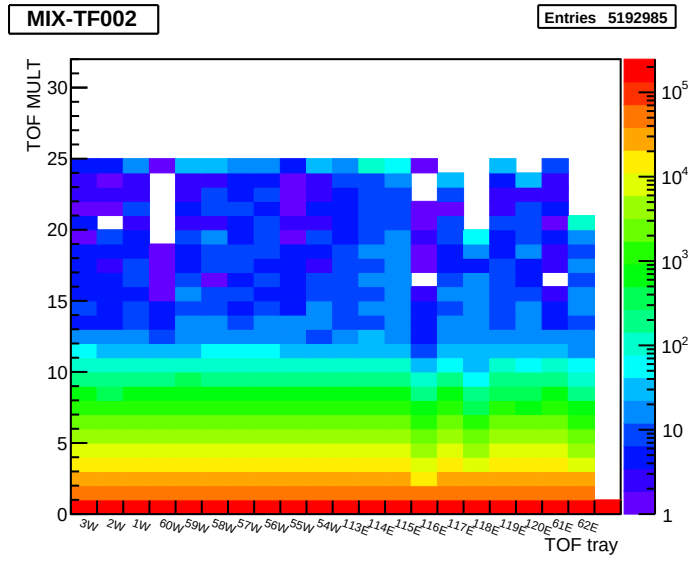

BunchId7Bit (EPD-TAC)
Entries 201878

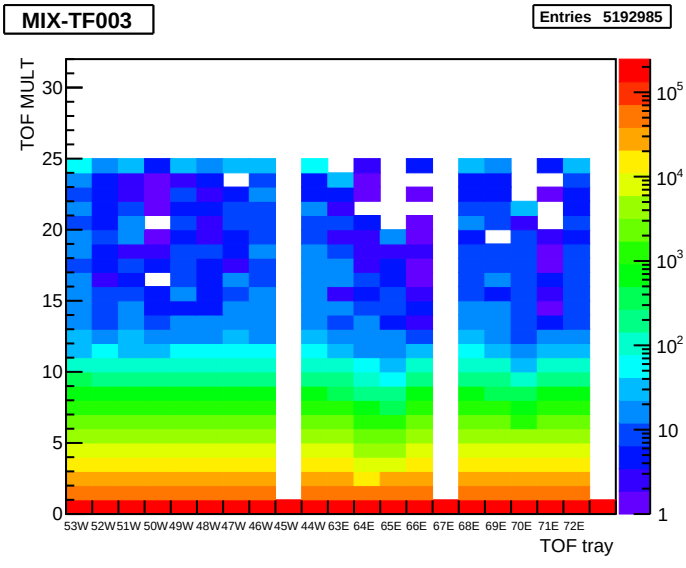

BunchId7Bit (BBC-TAC)
Entries 117750

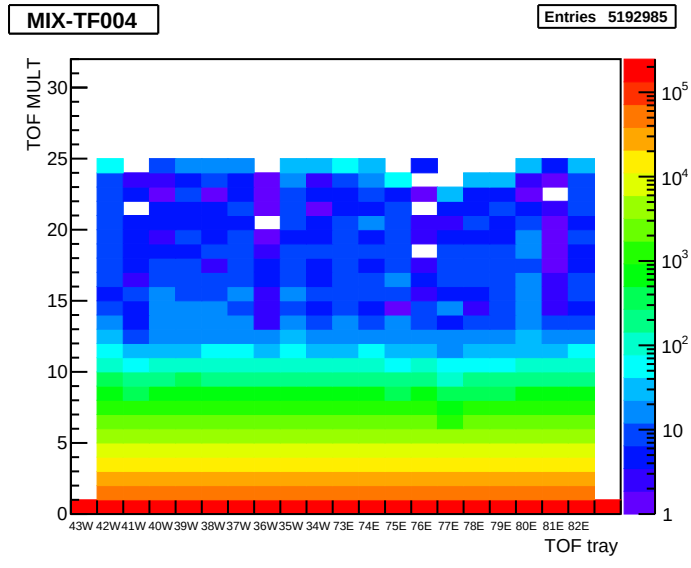

BunchId7Bit (Laser)
Entries 0

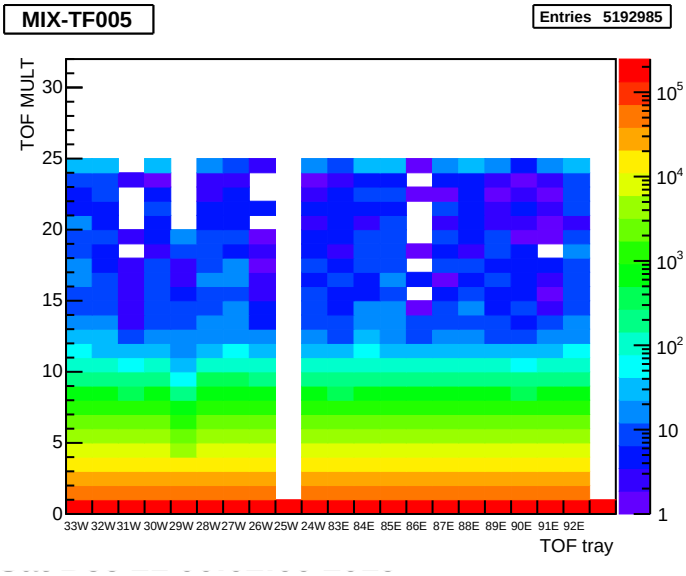

BunchId7Bit (TOFmult window)
Entries 9308

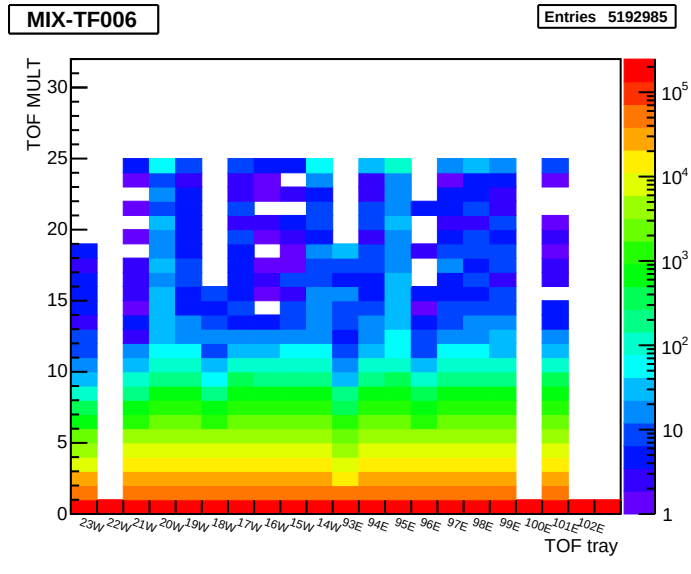

MIX-TF001
Entries 5192985
TOF MULT
TOF tray

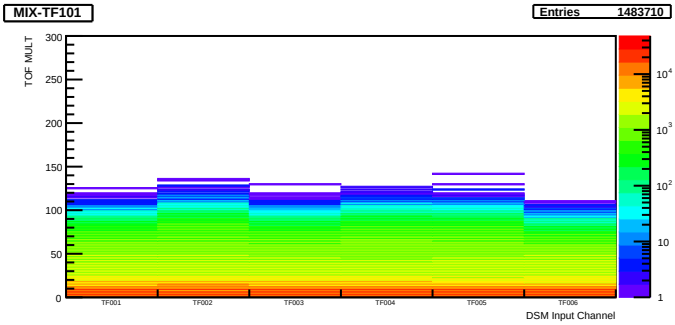

MIX-TF002
Entries 5192985
TOF MULT
TOF tray

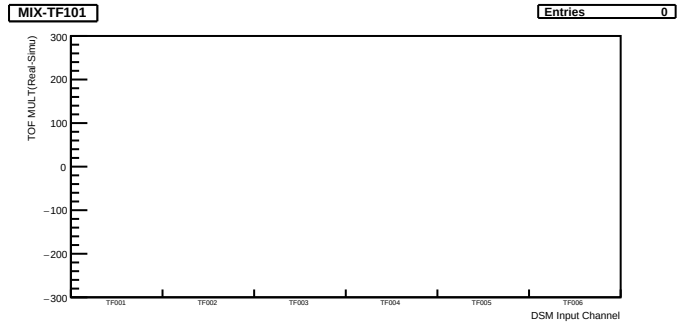

MIX-TF003
Entries 5192985
TOF MULT
TOF tray

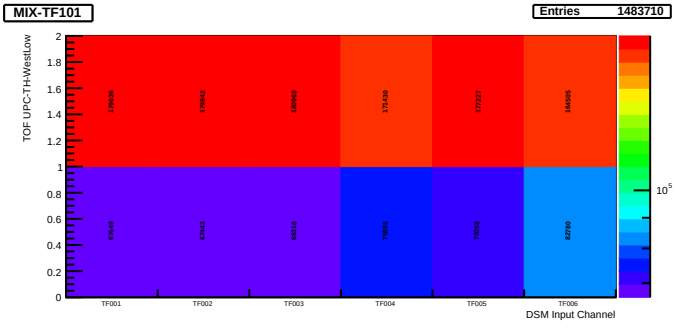

MIX-TF004
Entries 5192985
TOF MULT
TOF tray

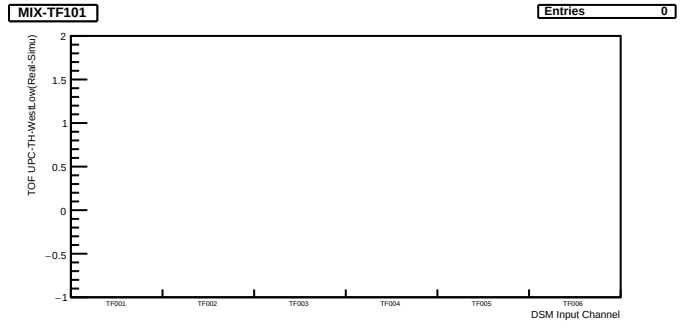

MIX-TF005
Entries 5192985
TOF MULT
TOF tray

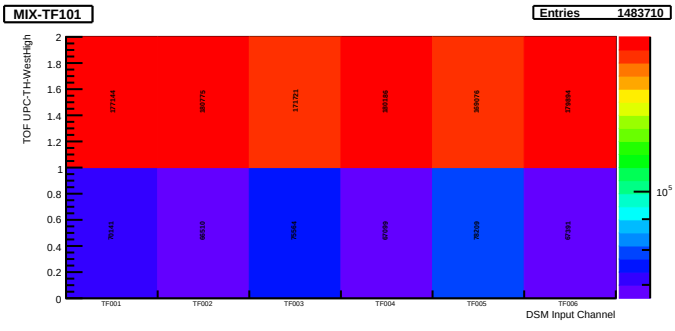

MIX-TF006
Entries 5192985
TOF MULT
TOF tray

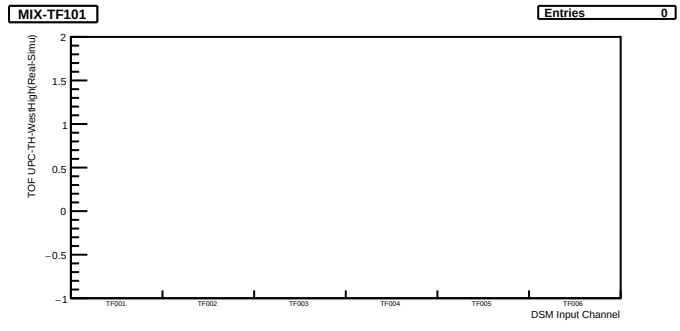

MIX-TF101
Entries 1483710
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

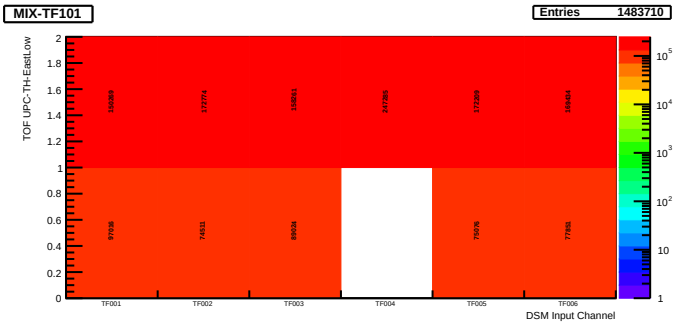

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

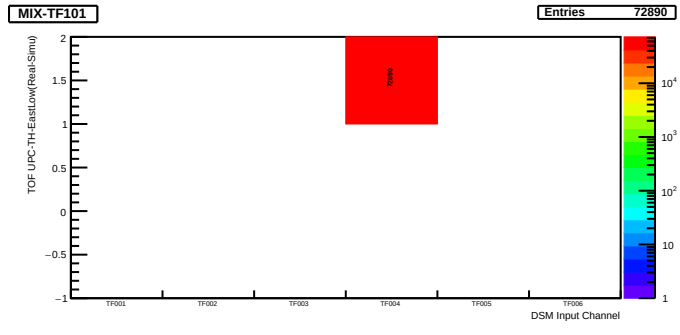

MIX-TF101
Entries 1483710
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

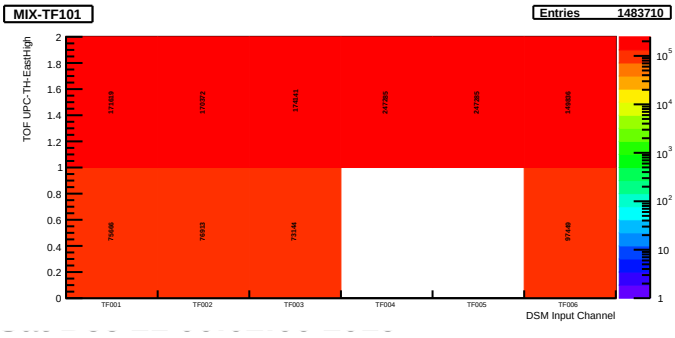

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

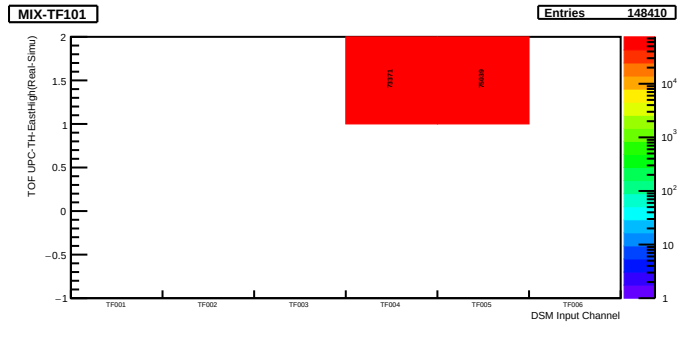

MIX-TF101
Entries 1483710
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

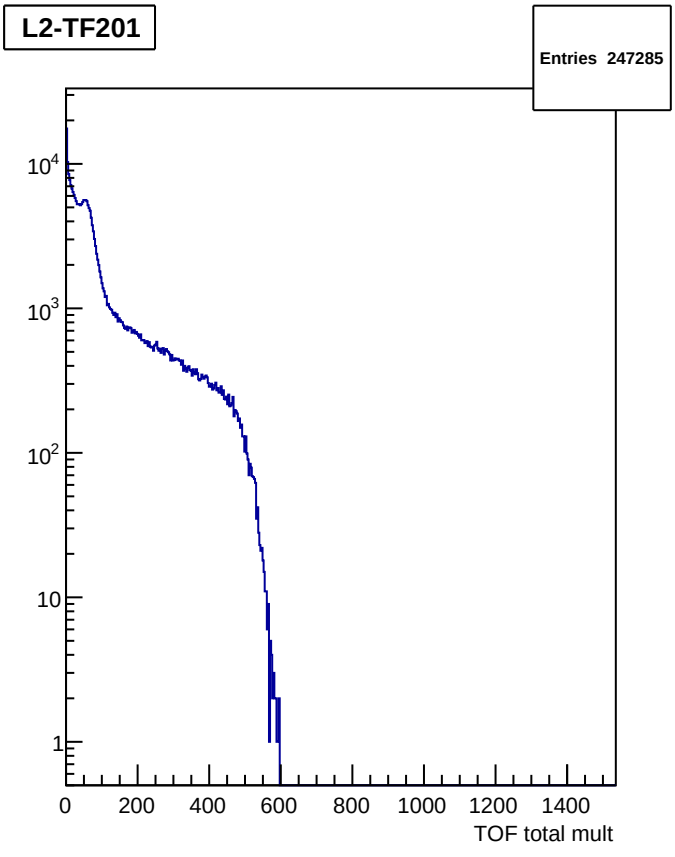

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

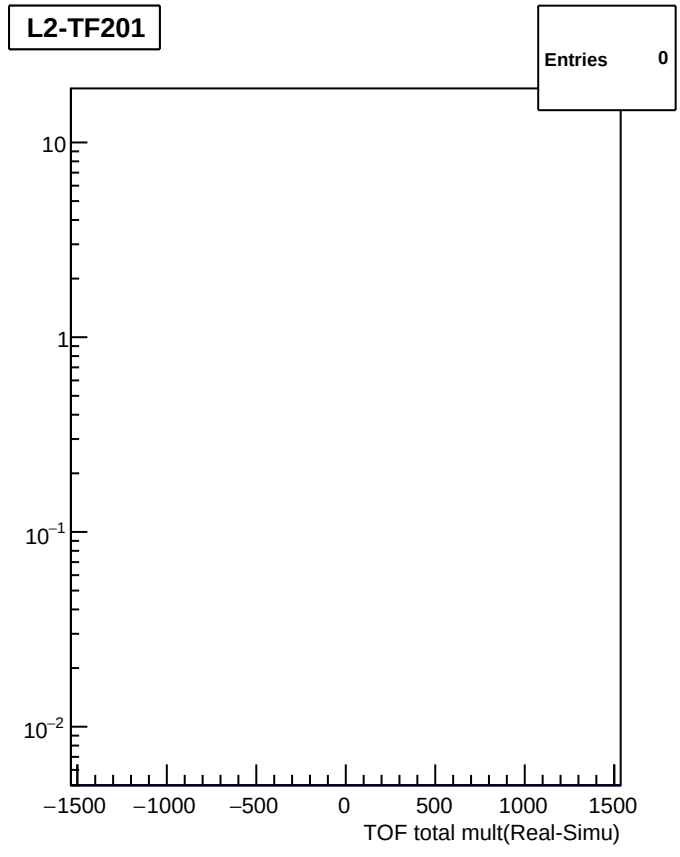

MIX-TF101
Entries 1483710
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

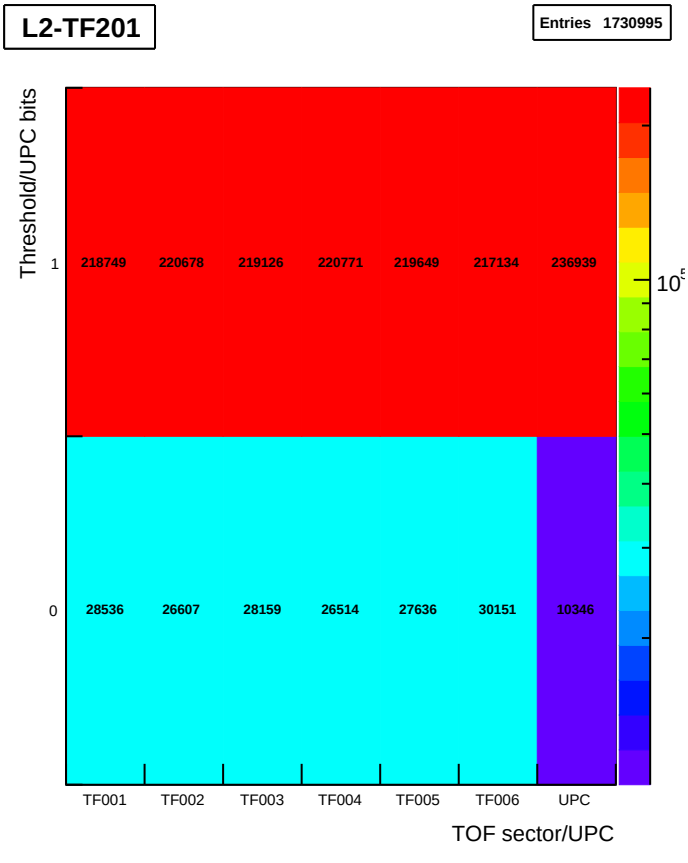

MIX-TF101
Entries 72890
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

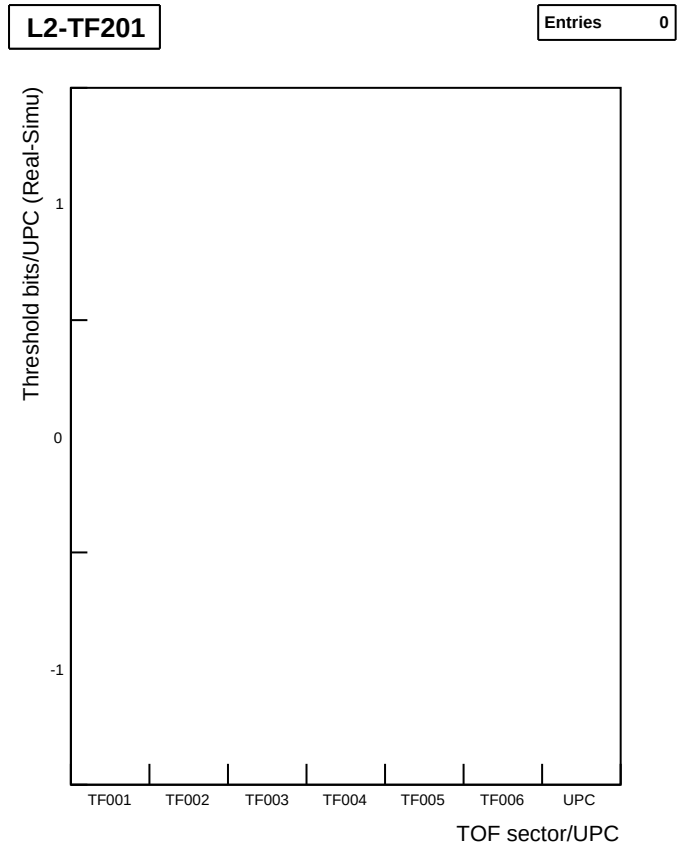

MIX-TF101
Entries 1483710
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

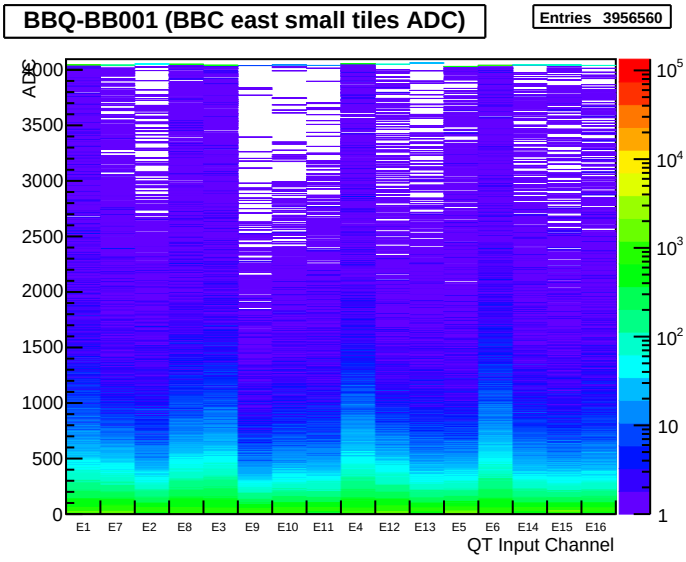

MIX-TF101
Entries 148410
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

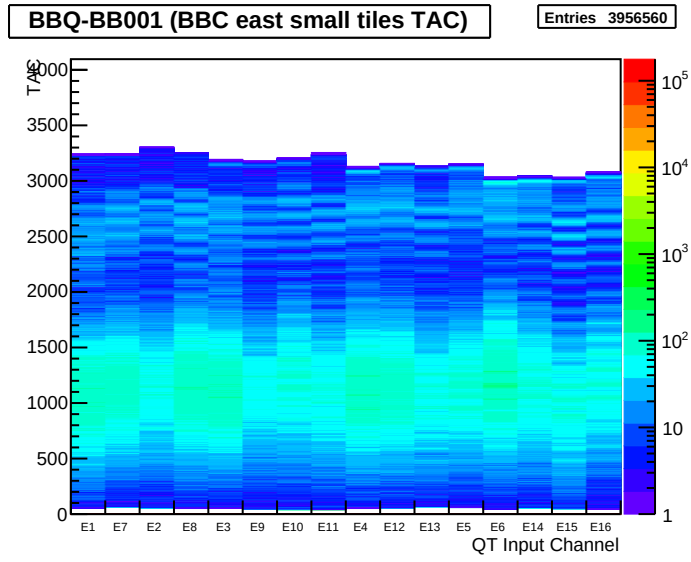

L2-TF201
Entries 247285
TOF total mult

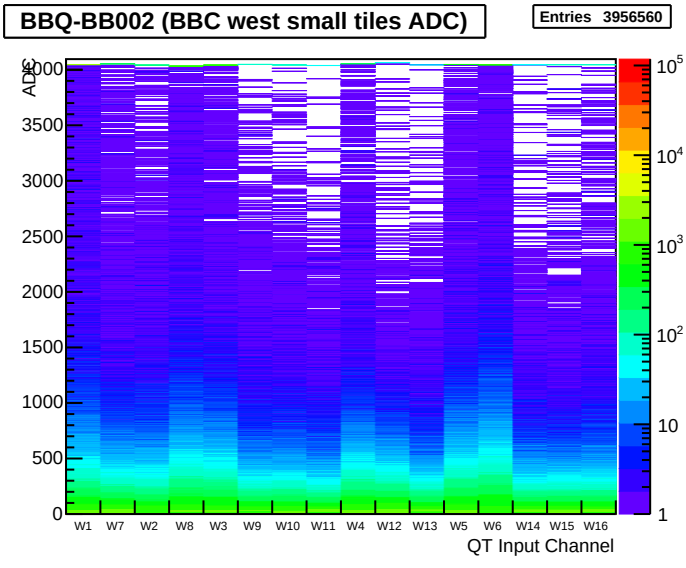

L2-TF201
Entries 0
TOF total mult(Real-Simu)

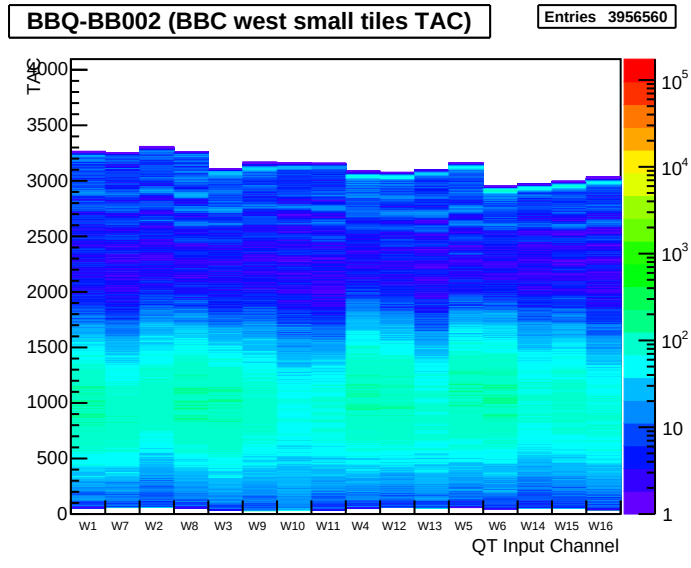

L2-TF201
Entries 1730995
Threshold/UPC bits
218749
220678
219126
220771
219649
217134
236939
28536
26607
28159
26514
27636
30151
10346
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

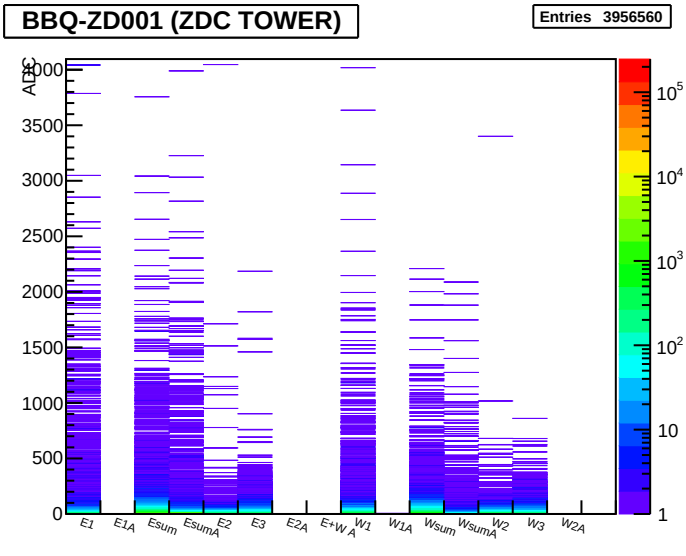

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

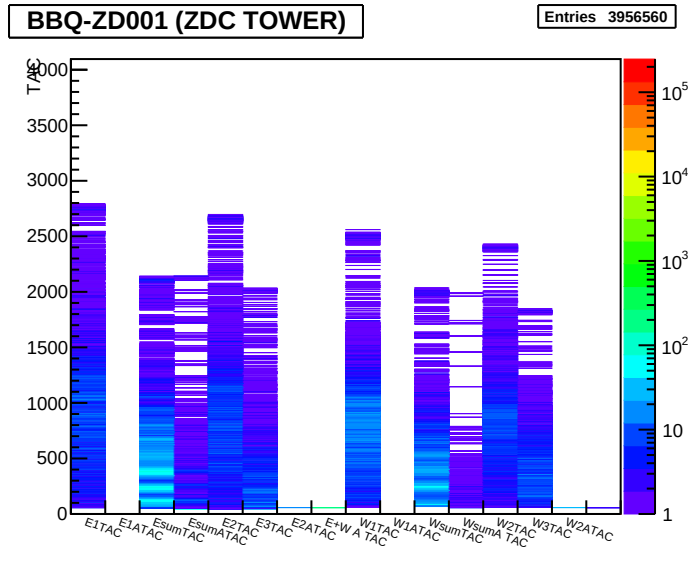

BBQ-BB001 (BBC east small tiles ADC)
Entries 3956560
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

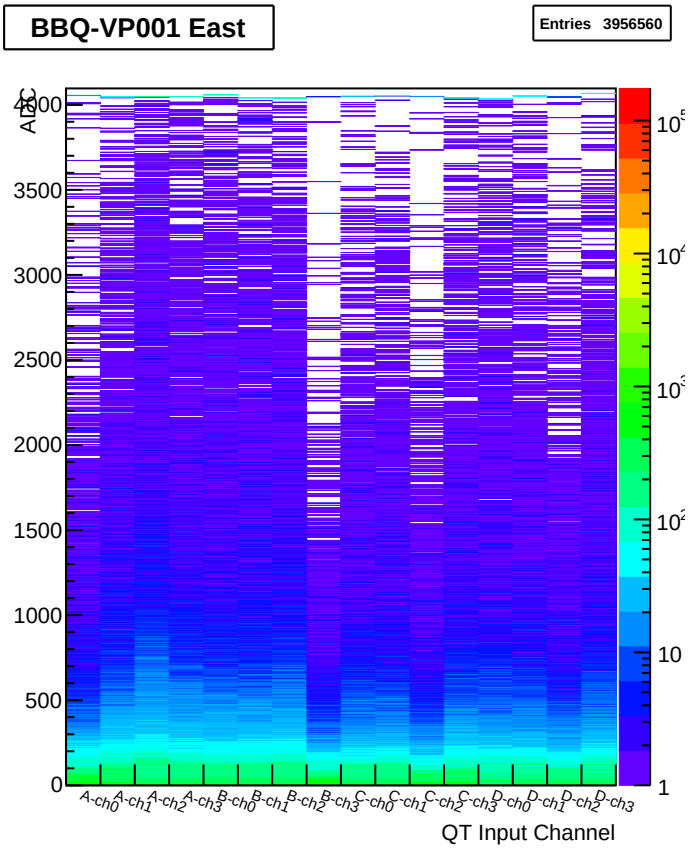

BBQ-BB001 (BBC east small tiles TAC)
Entries 3956560
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

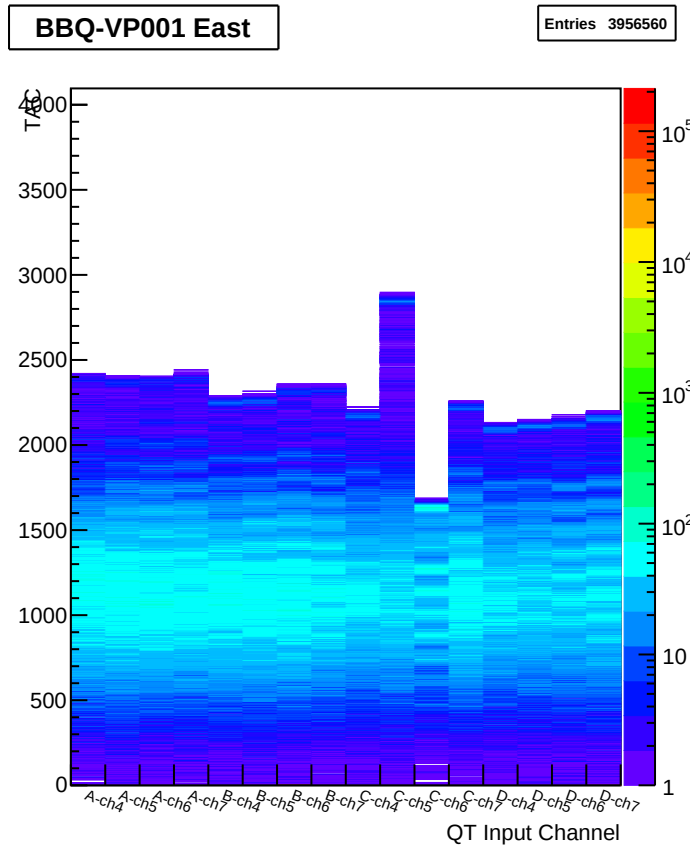

BBQ-BB002 (BBC west small tiles ADC)
Entries 3956560
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

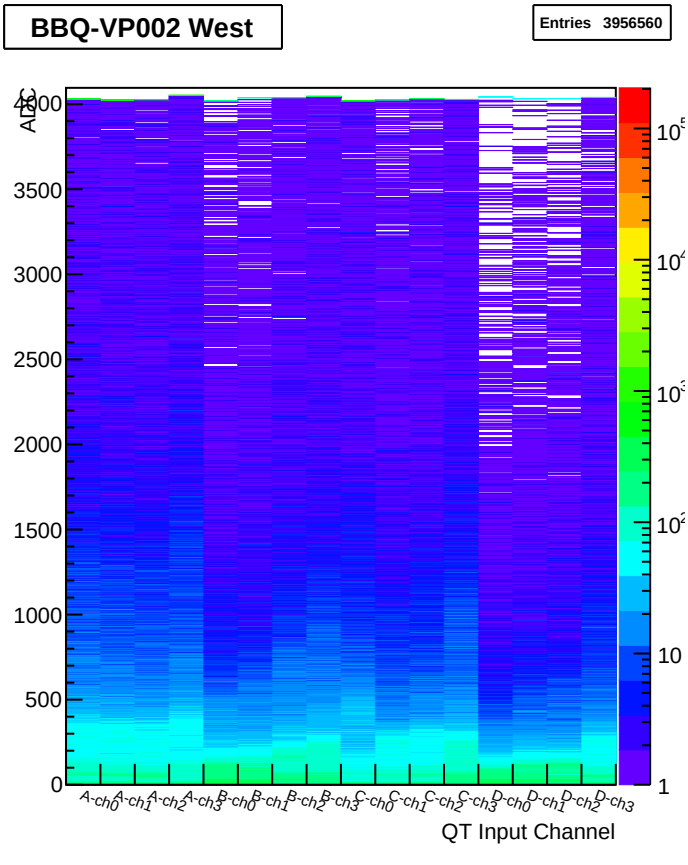

BBQ-BB002 (BBC west small tiles TAC)
Entries 3956560
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

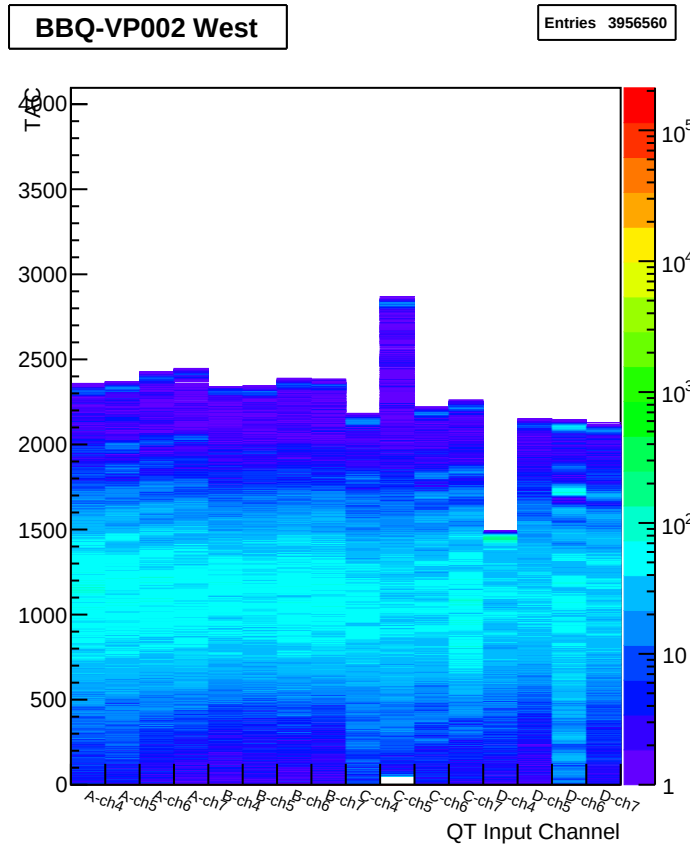

BBQ-ZD001 (ZDC TOWER)
Entries 3956560
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

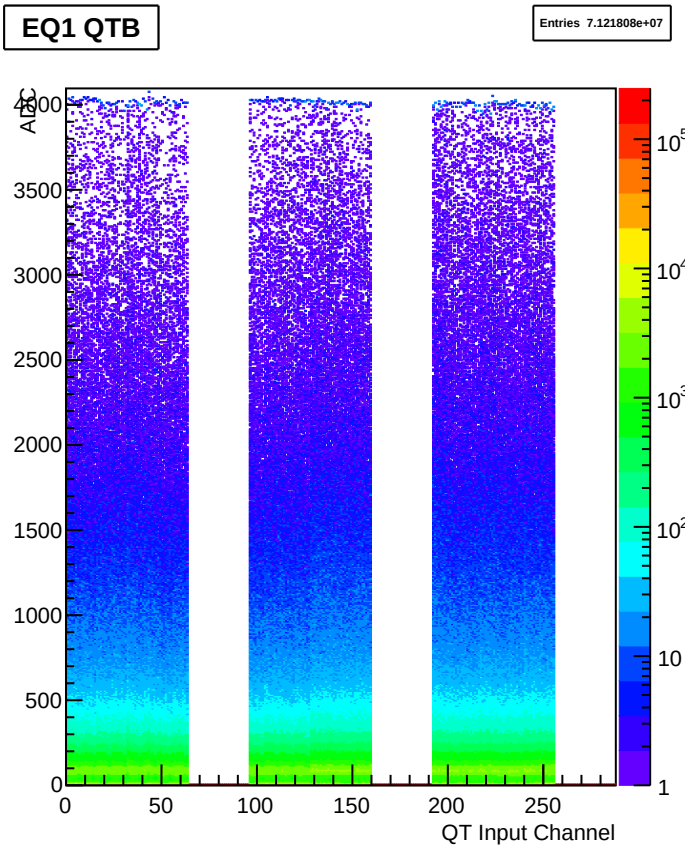

BBQ-ZD001 (ZDC TOWER)
Entries 3956560
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

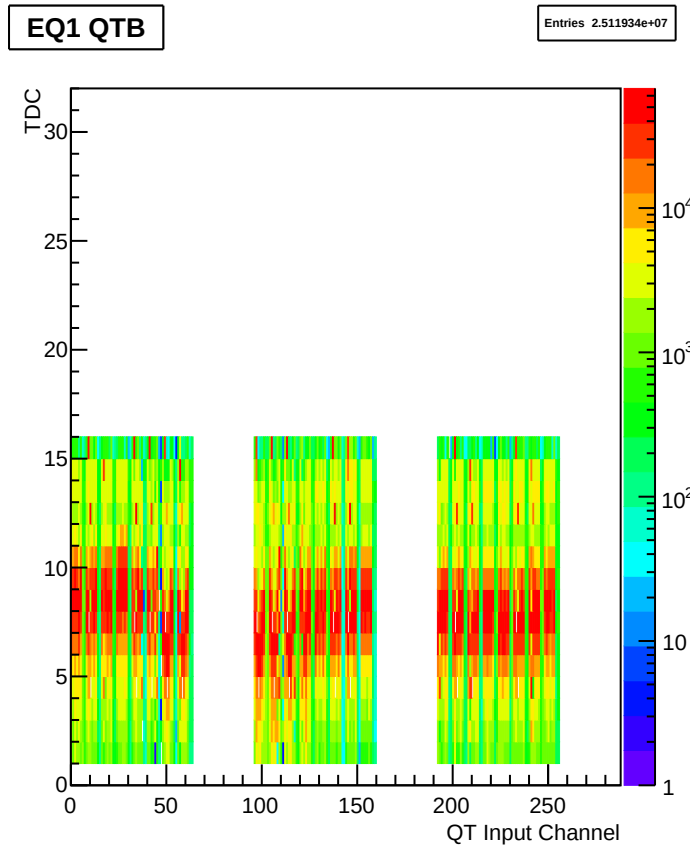

BBQ-VP001 East
Entries 3956560
ADC
QT Input Channel

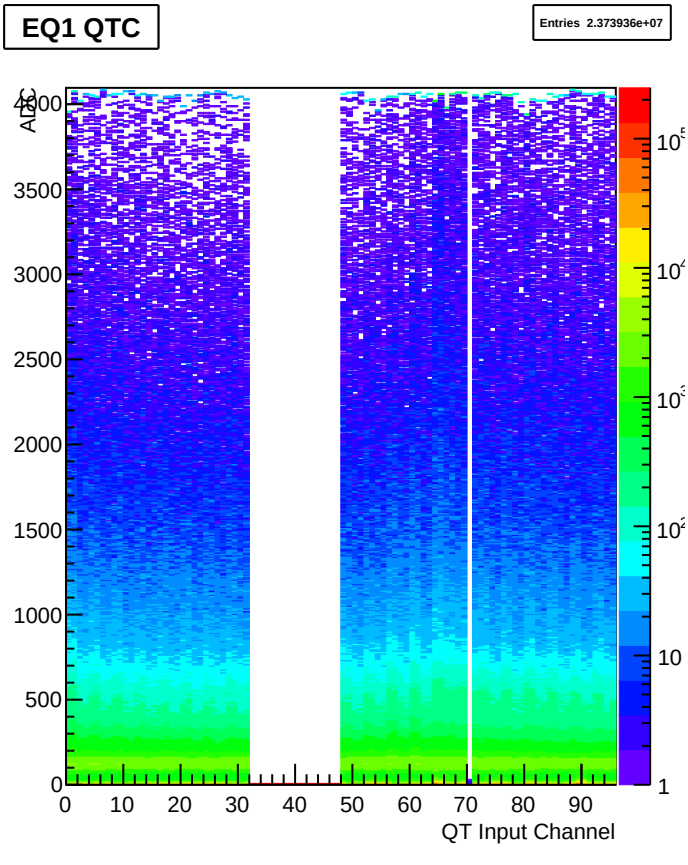

BBQ-VP001 East
Entries 3956560
ADC
QT Input Channel

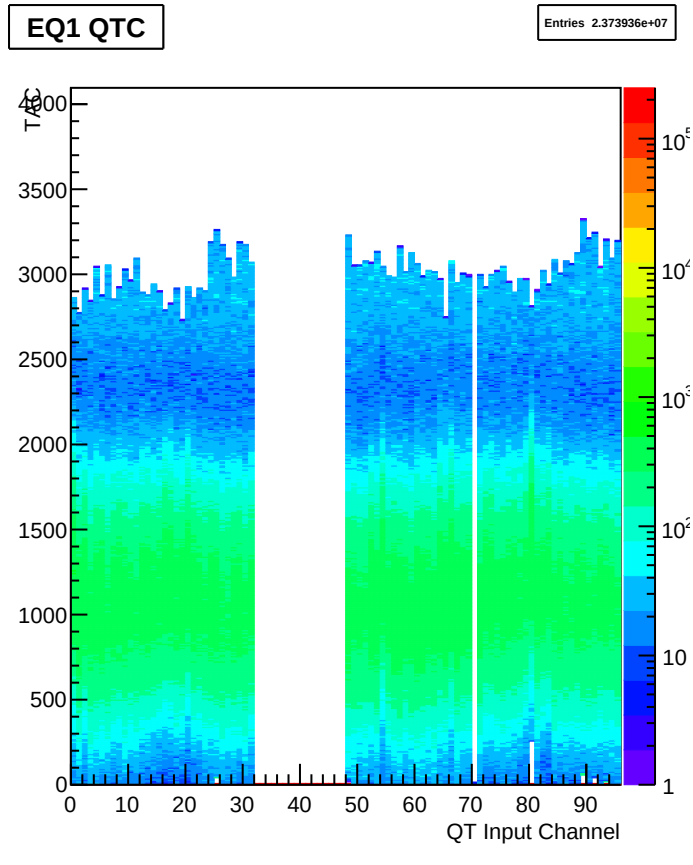

BBQ-VP002 West
Entries 3956560
ADC
QT Input Channel

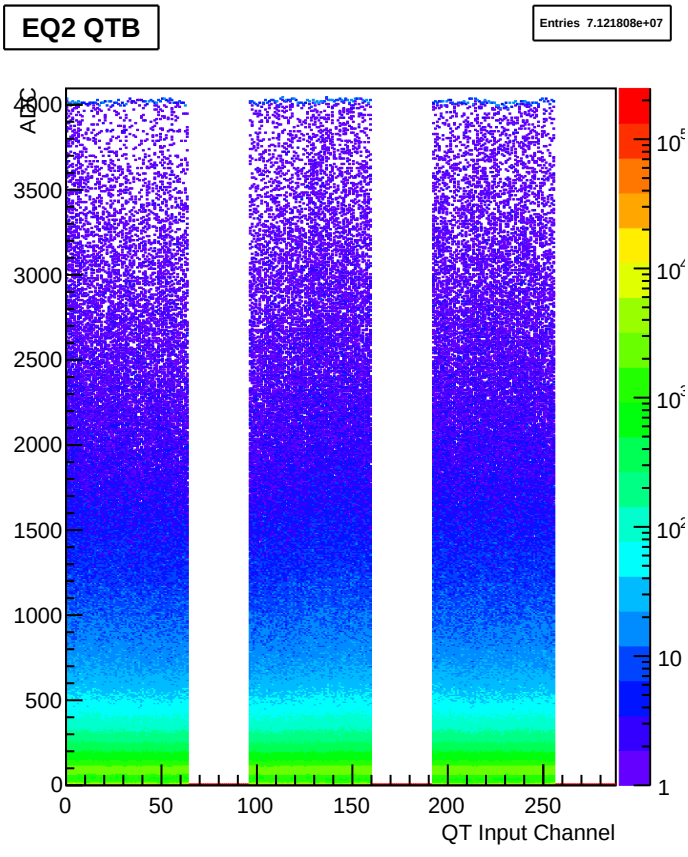

BBQ-VP002 West
Entries 3956560
ADC
QT Input Channel

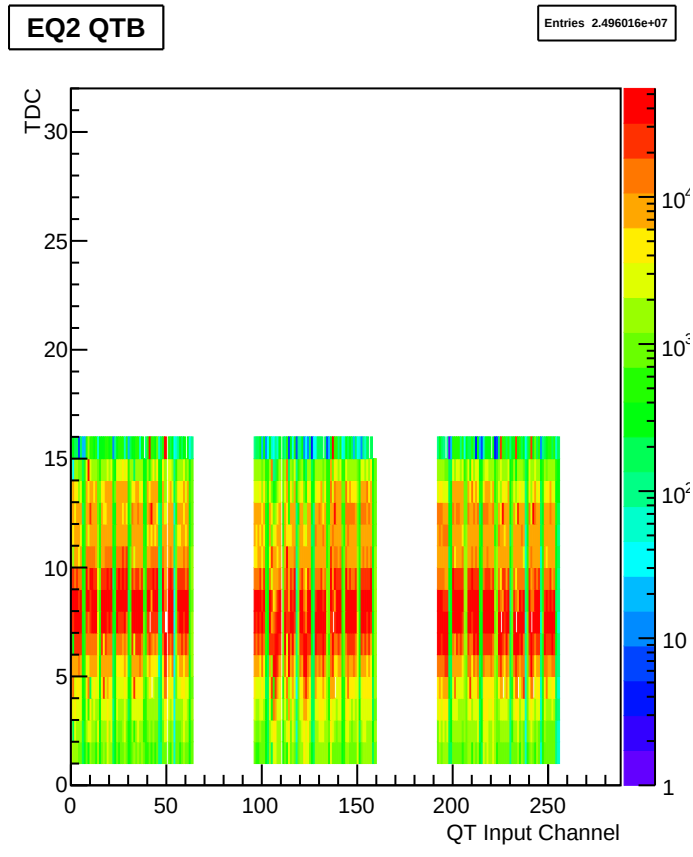

EQ1 QTB
Entries 7.121808e+07
ADC
QT Input Channel

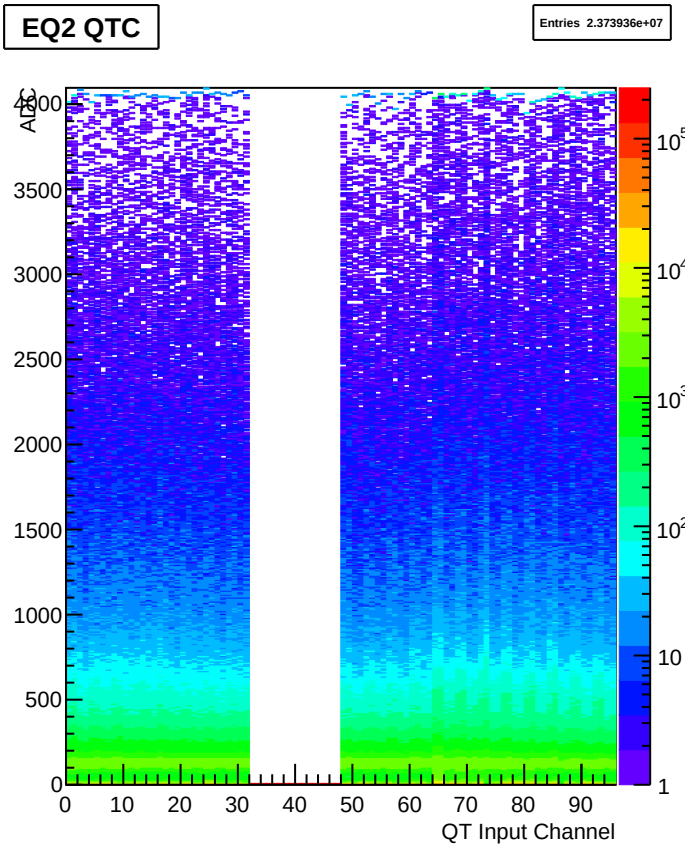

EQ1 QTB
Entries 2.511934e+07
TDC
QT Input Channel

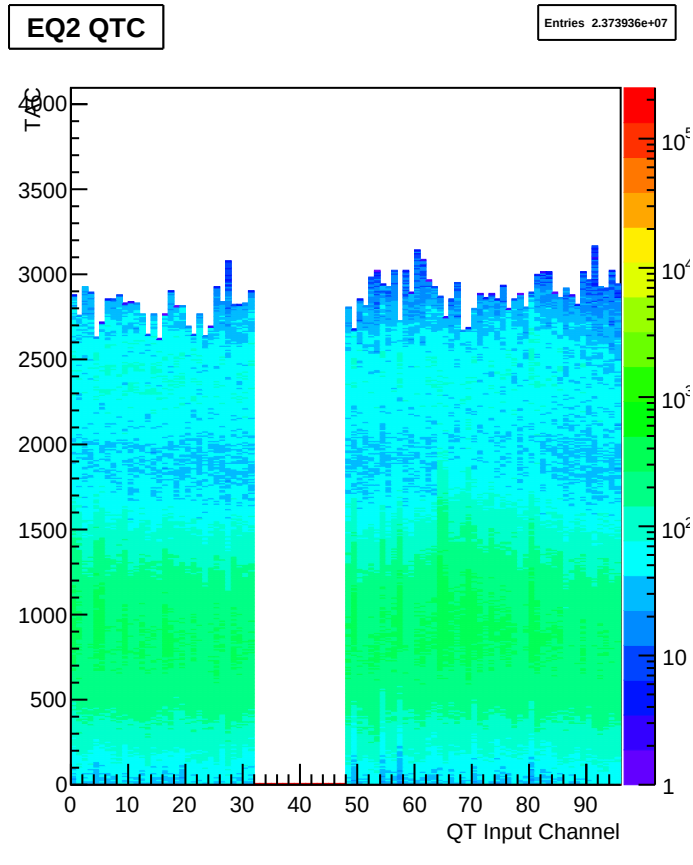

EQ1 QTC
Entries 2.373936e+07
ADC
QT Input Channel

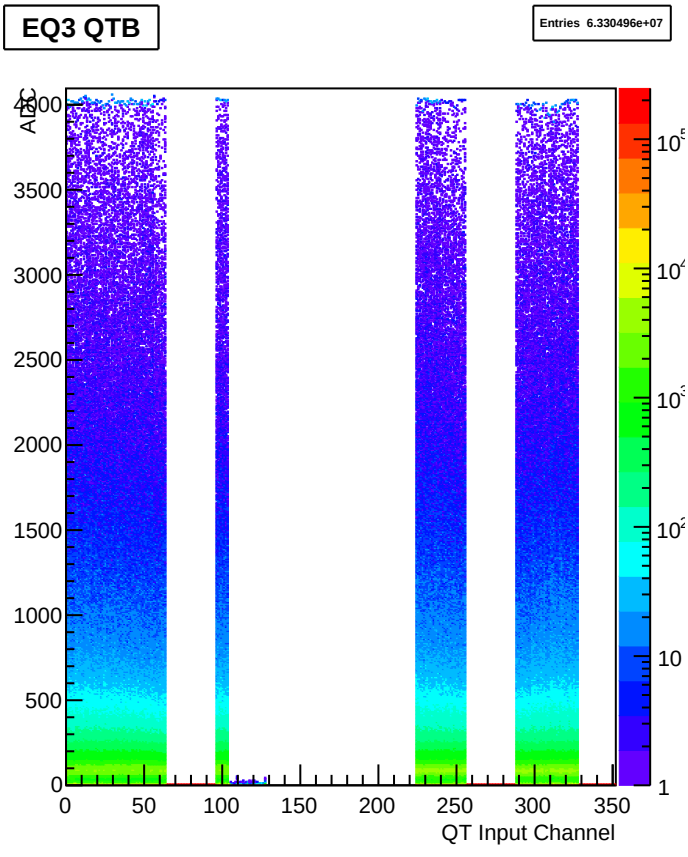

EQ1 QTC
Entries 2.373936e+07
TADC
QT Input Channel

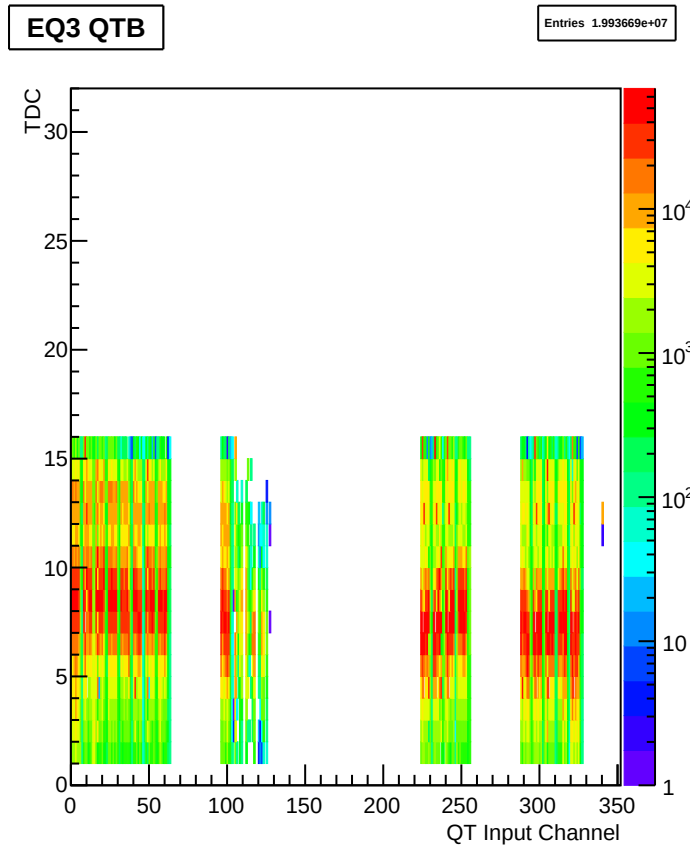

EQ2 QTB
Entries 7.121808e+07
ADC
QT Input Channel

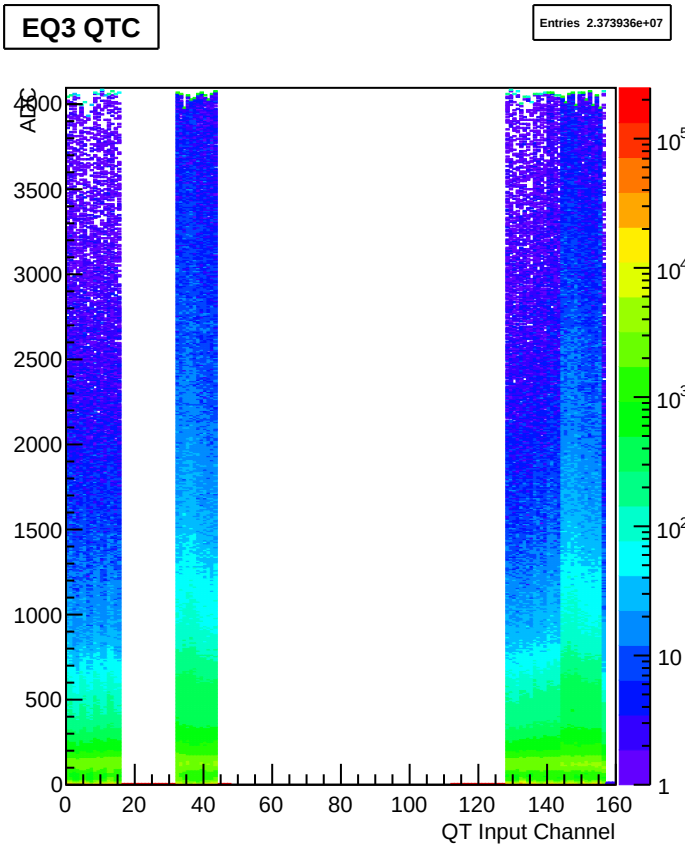

EQ2 QTB
Entries 2.496016e+07
TDC
QT Input Channel

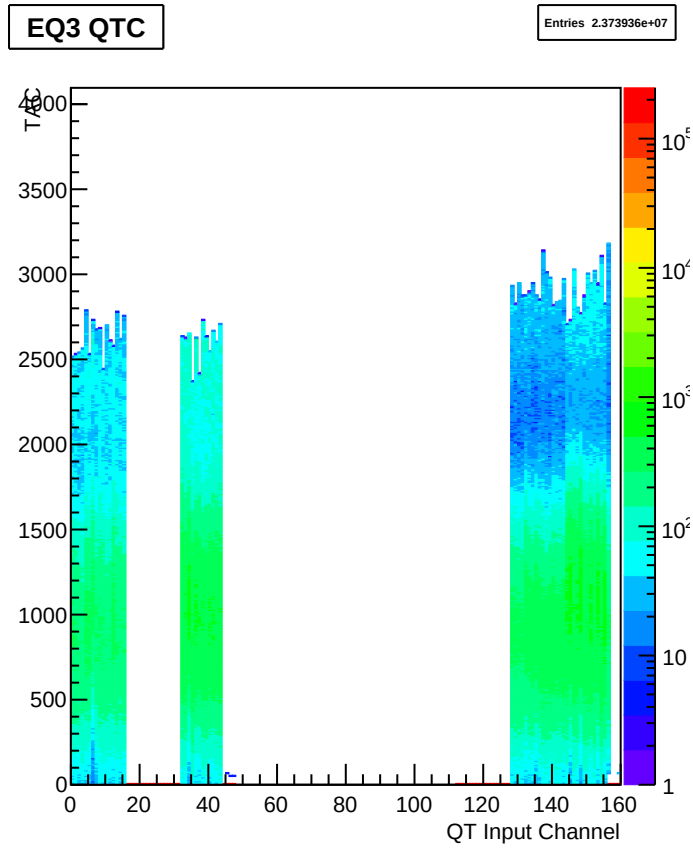

EQ2 QTC
Entries 2.373936e+07
ADC
QT Input Channel

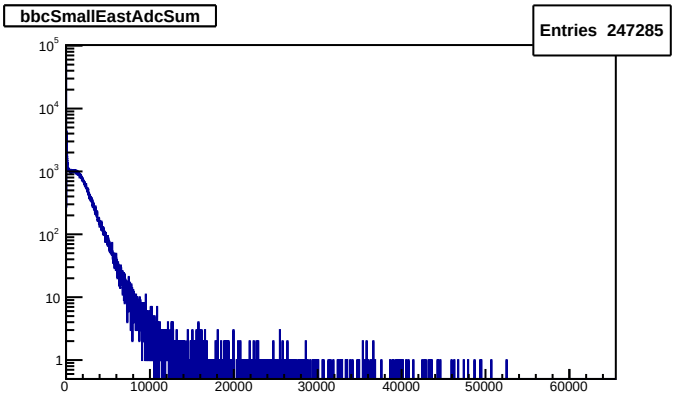

EQ2 QTC
Entries 2.373936e+07
TADC
QT Input Channel

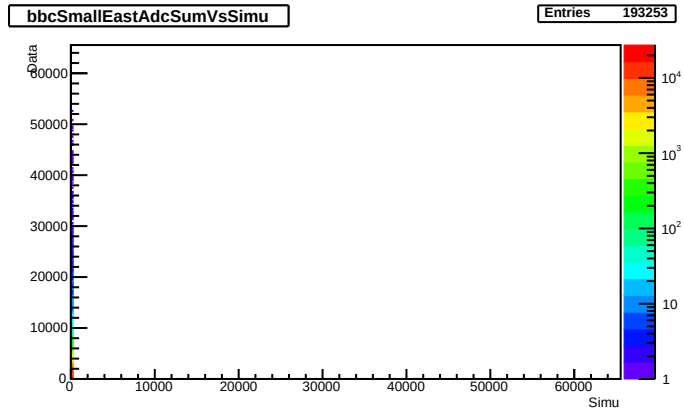

EQ3 QTB
Entries 6.330496e+07
ADC
QT Input Channel

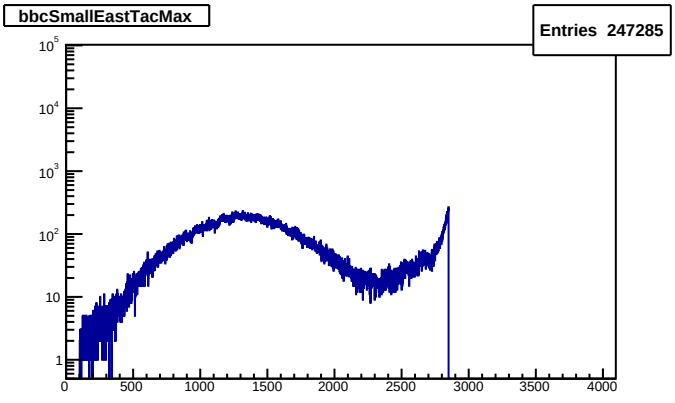

EQ3 QTB
Entries 1.993669e+07
TDC
QT Input Channel

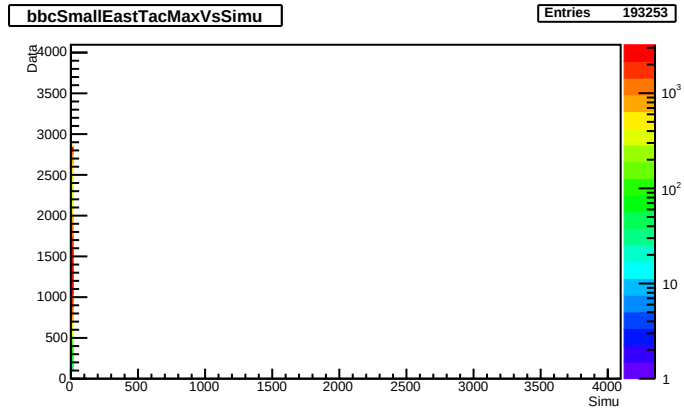

EQ3 QTC
Entries 2.373936e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.373936e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 247285


bbcSmallEastAdcSumVsSimu
Entries 193253
Data
Simu


bbcSmallEastTacMax
Entries 247285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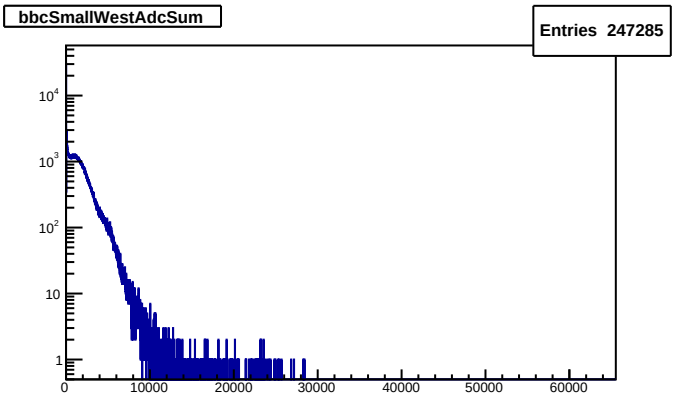
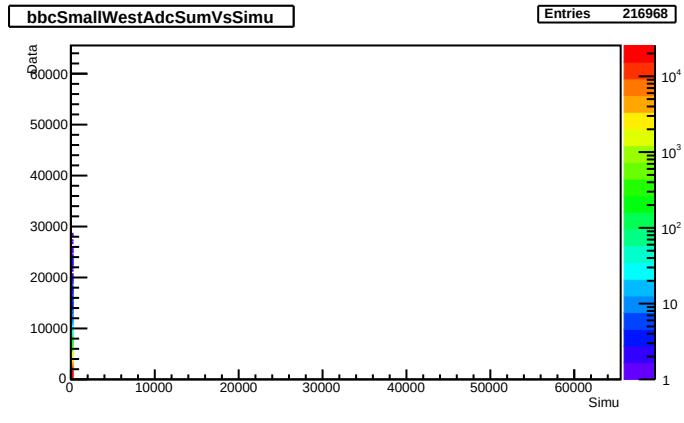
Entries 193253
Data
Simu


bbcSmallWestAdcSum
Entries 247285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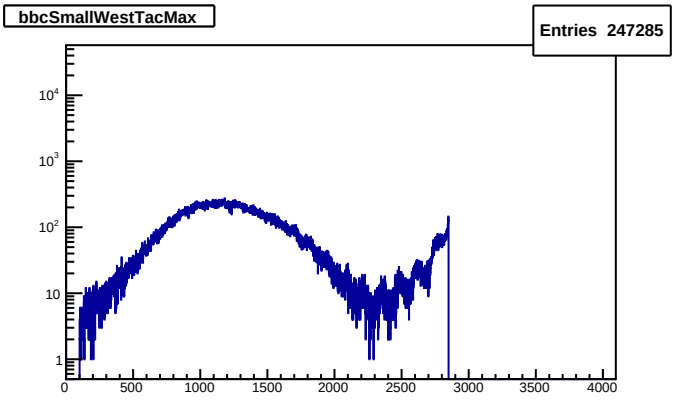
Entries 216968
Data
Simu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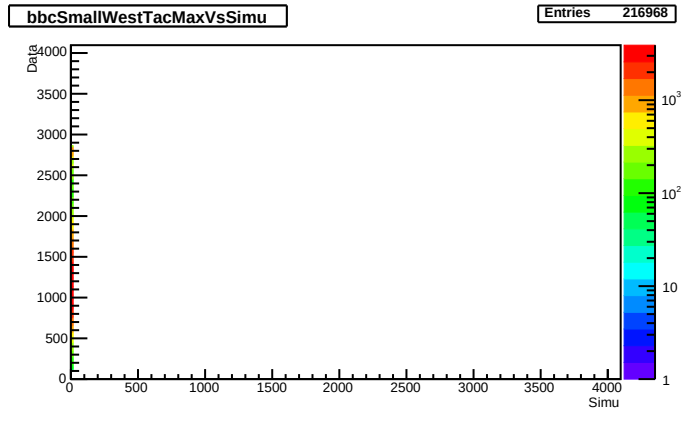
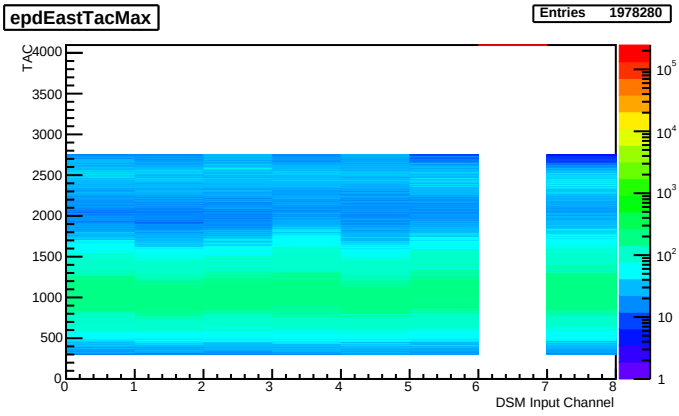
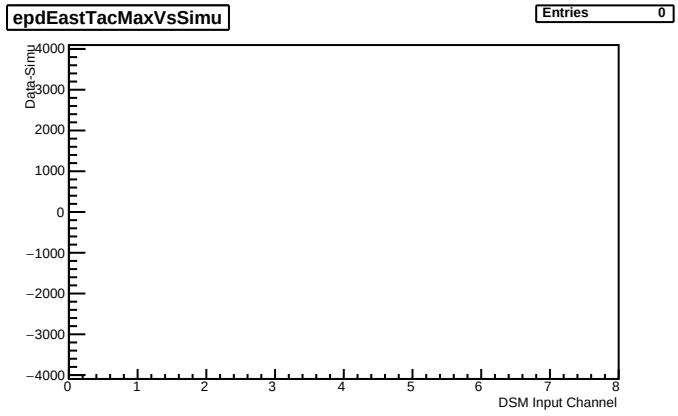
Entries 247285


bbcSmallWestTacMaxVsSimu
Entries 216968
Data
Simu


epdEastTacMax
Entries 1978280
TAC
DSM Input Channel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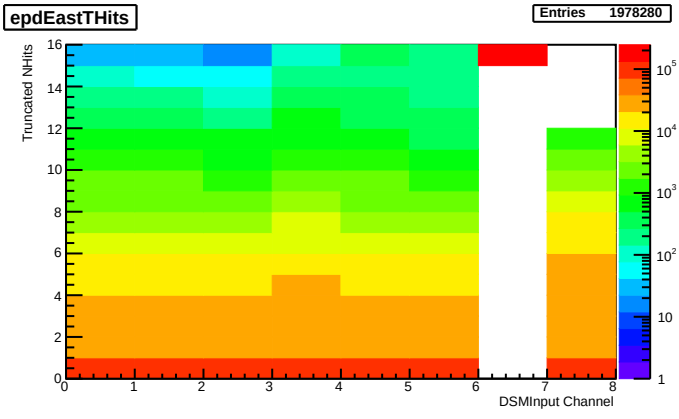
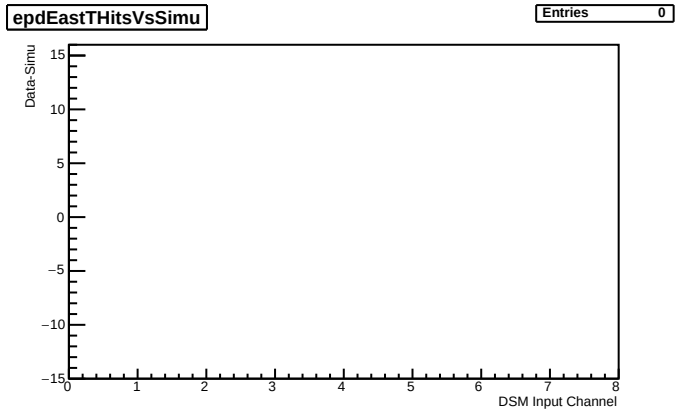
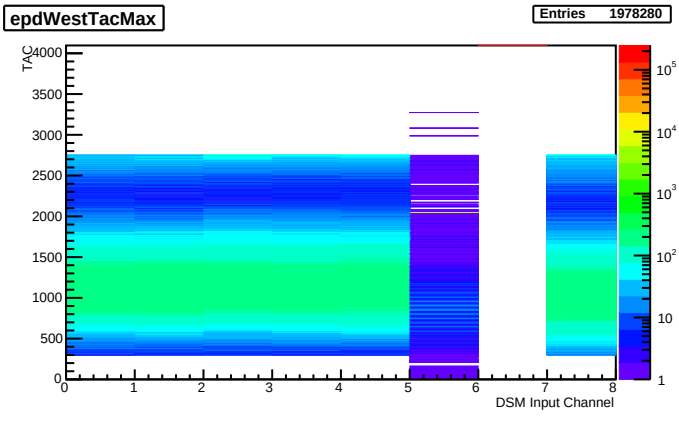
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1978280
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel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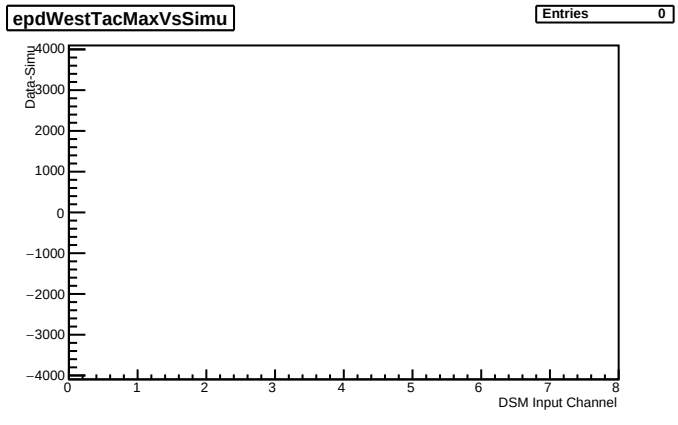
Entries 1978280
TAC
DSM Input Channel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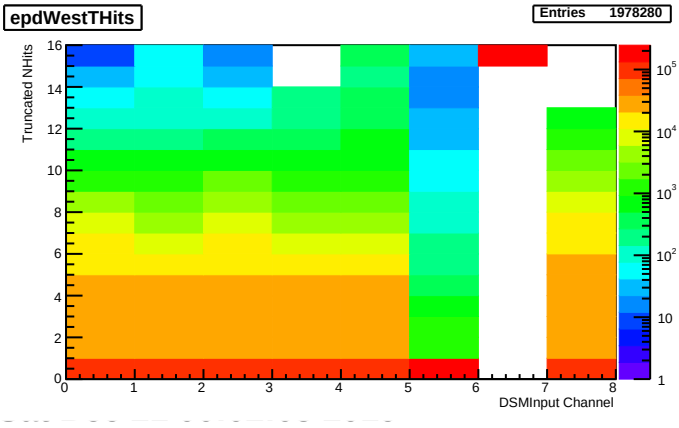
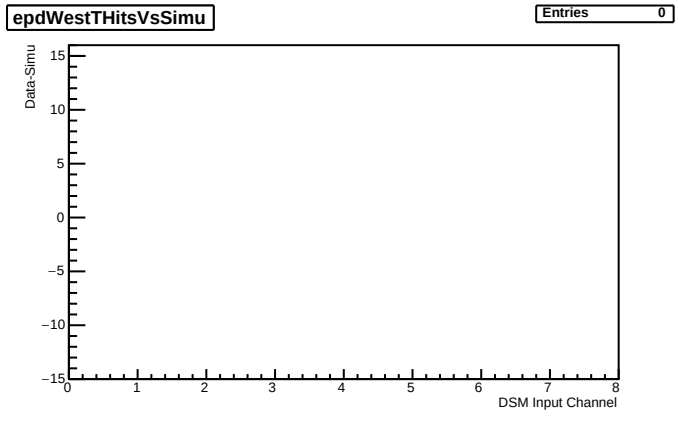
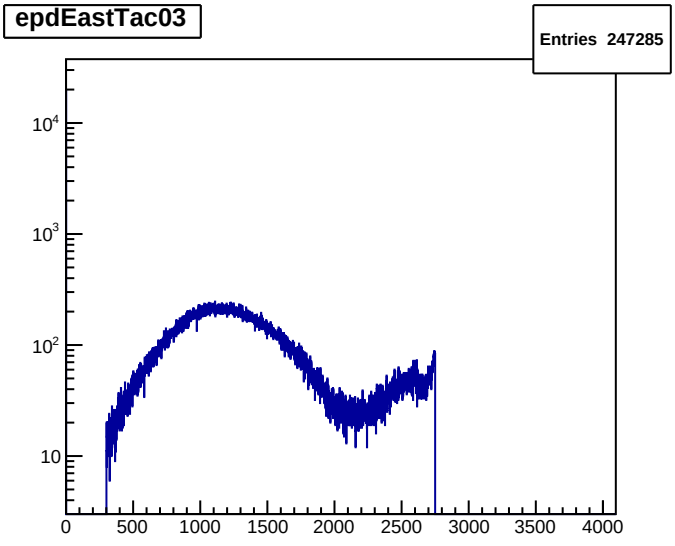
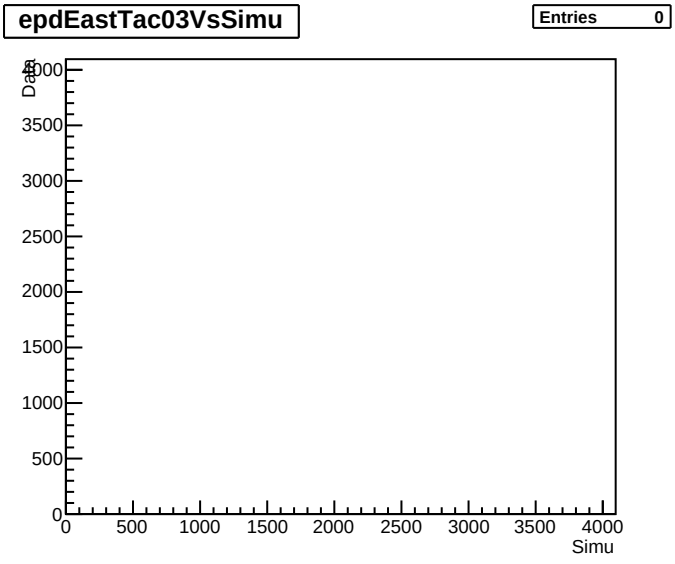
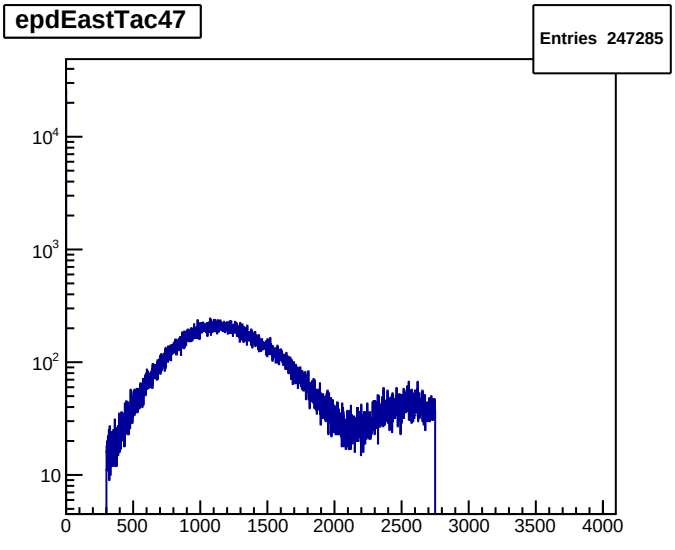
Entries 0
Data-Simu
DSM Input Channel

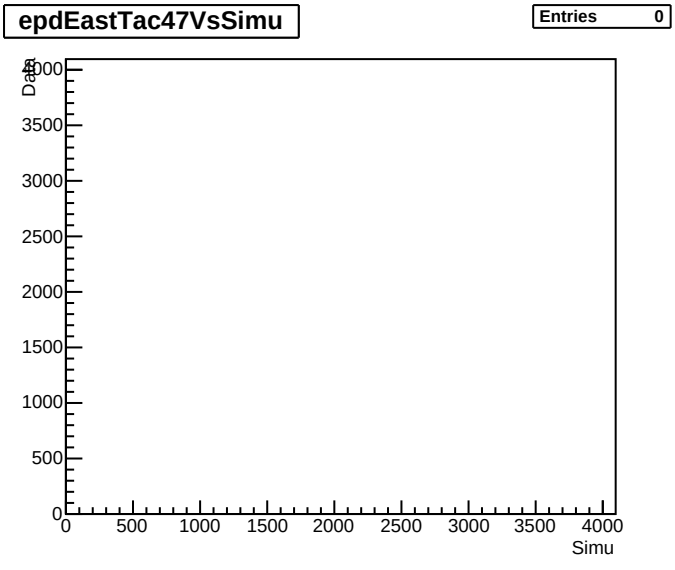

epdWestTHits
Entries 1978280
Truncated NHits
DSMInput Channel

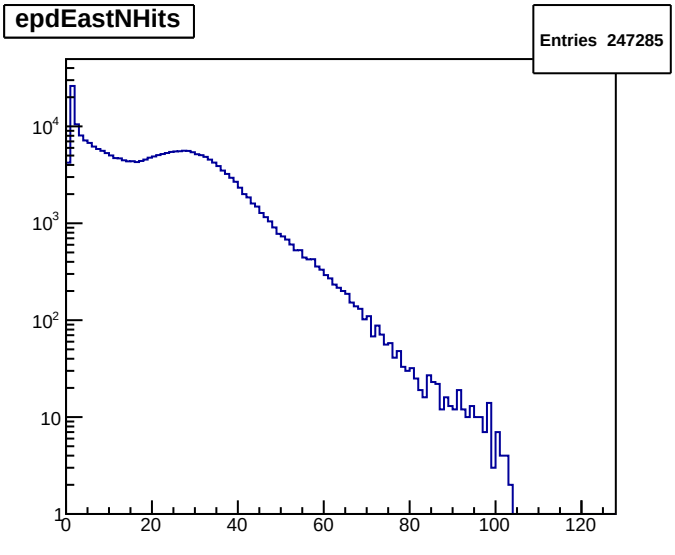

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

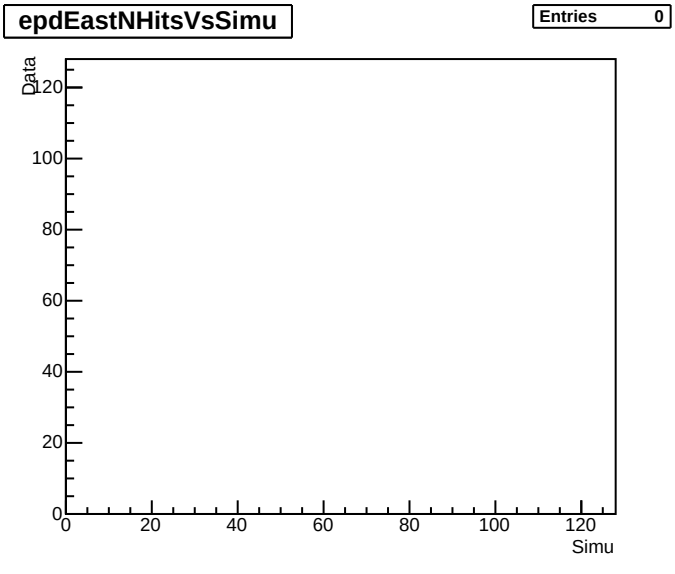

epdEastTac03
Entries 247285


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 247285


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 247285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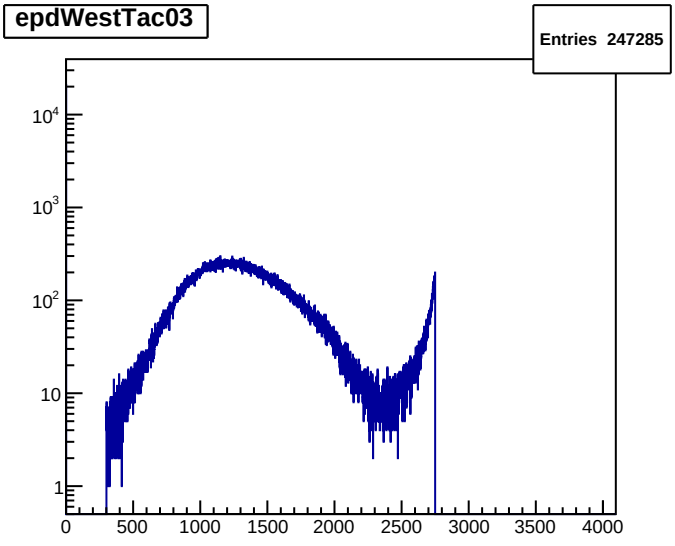
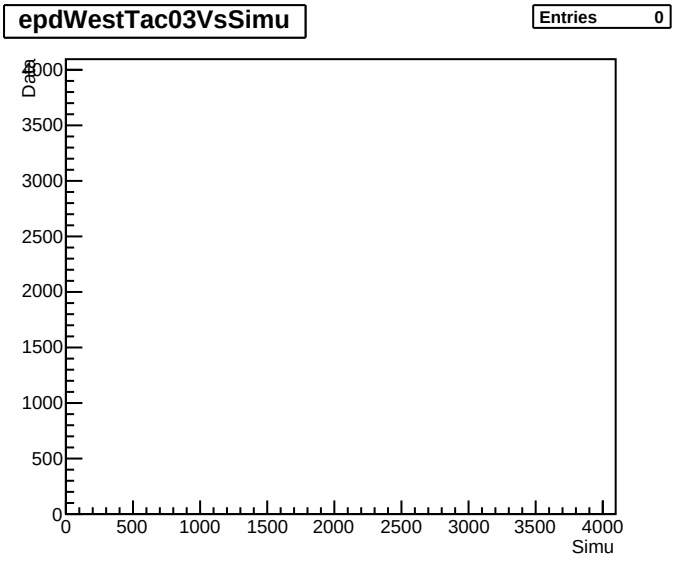
Entries 0
Data
Simu


epdWestTac03
Entries 247285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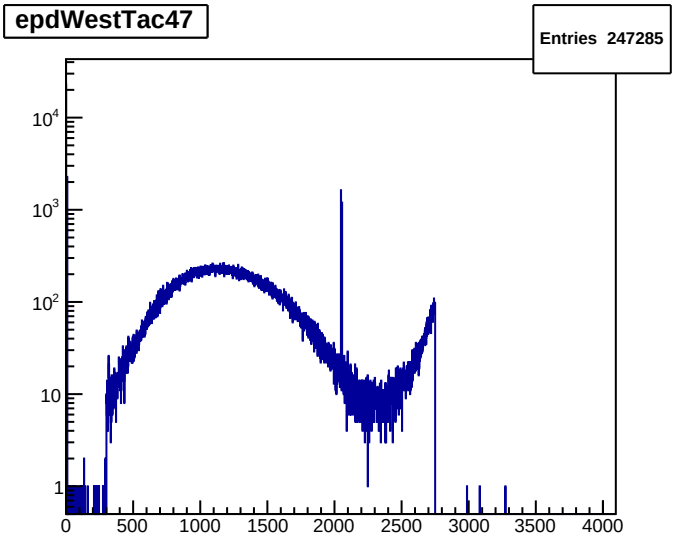
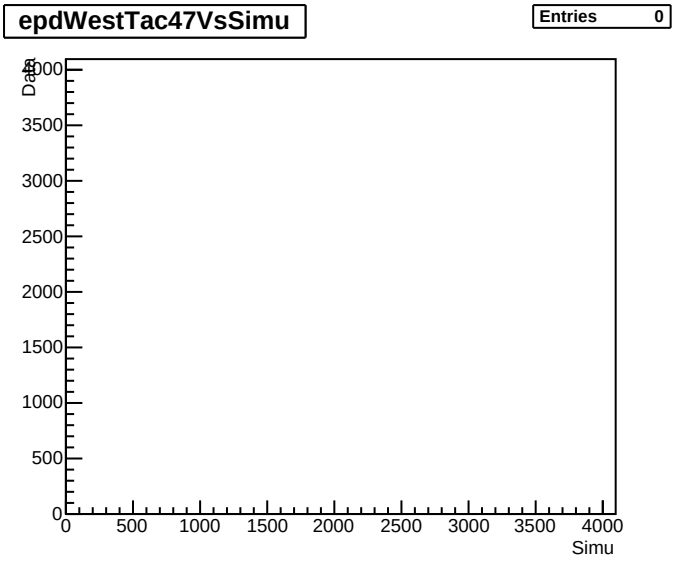
Entries 0
Data
Simu


epdWestTac47
Entries 247285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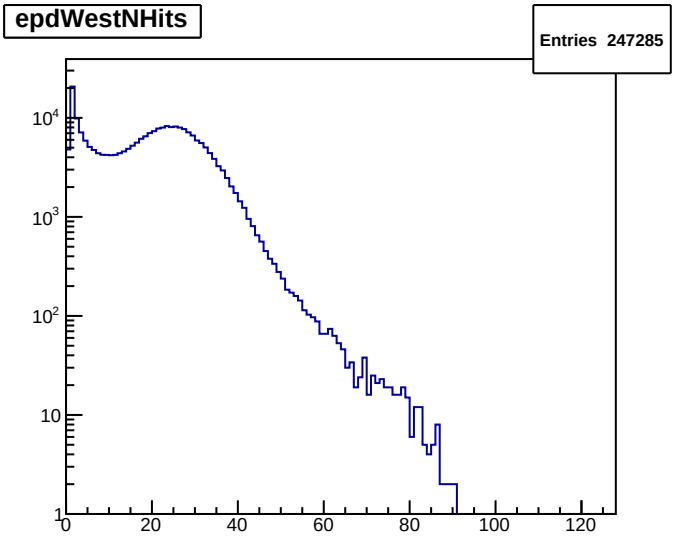
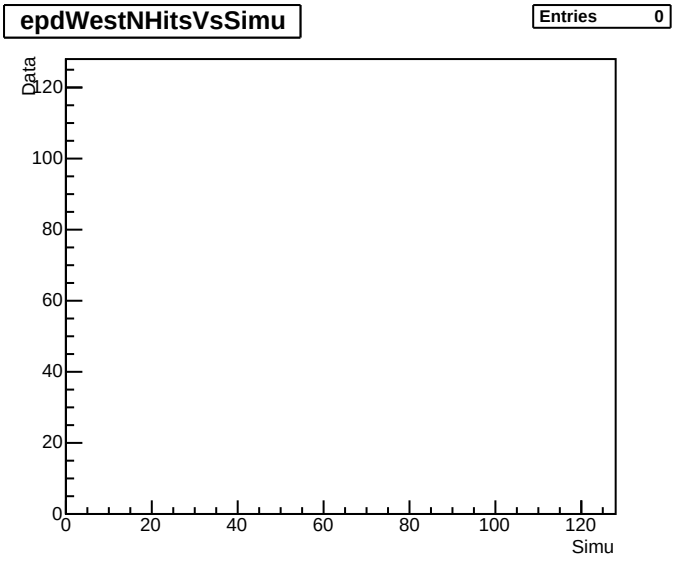
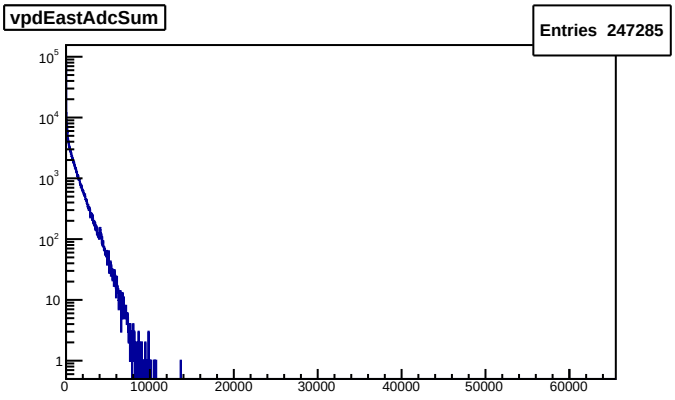
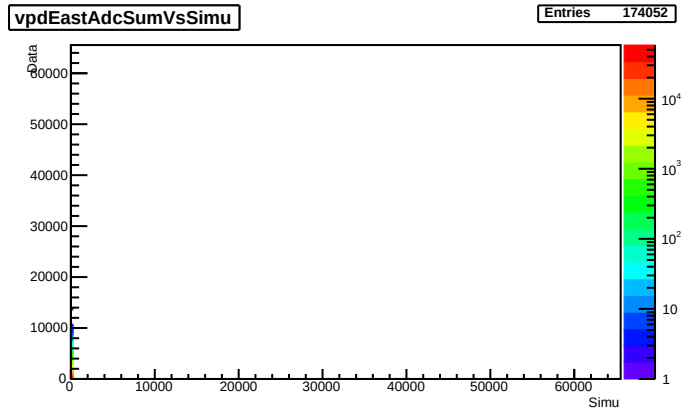
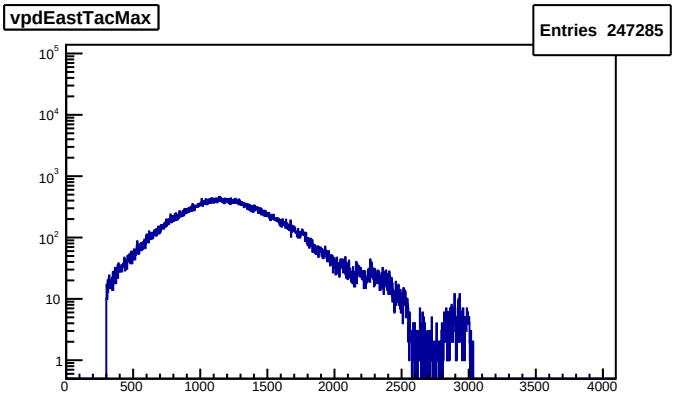
Entries 0
Data
Simu

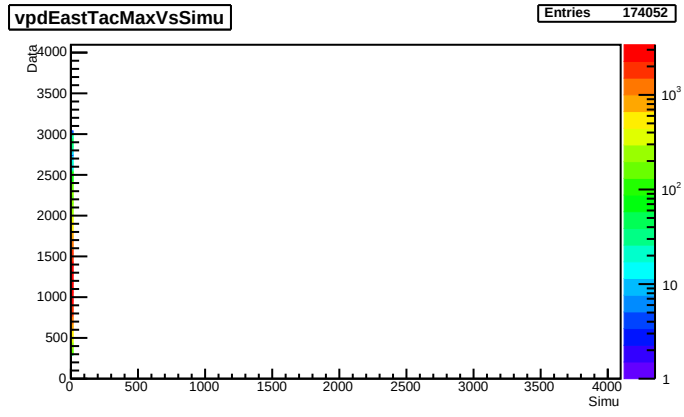

epdWestNHits
Entries 247285

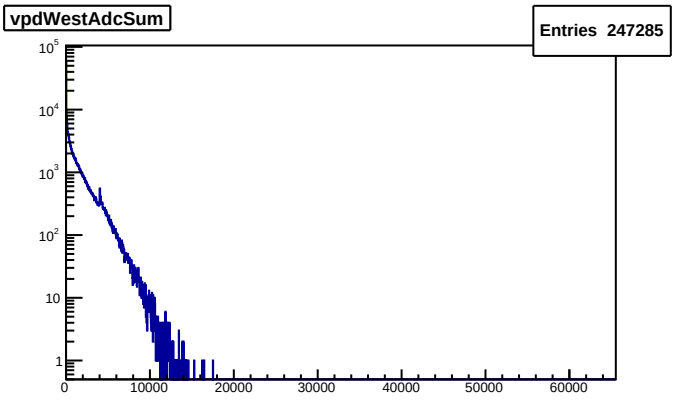

epdWestNHitsVsSimu
Entries 0
Data
Simu

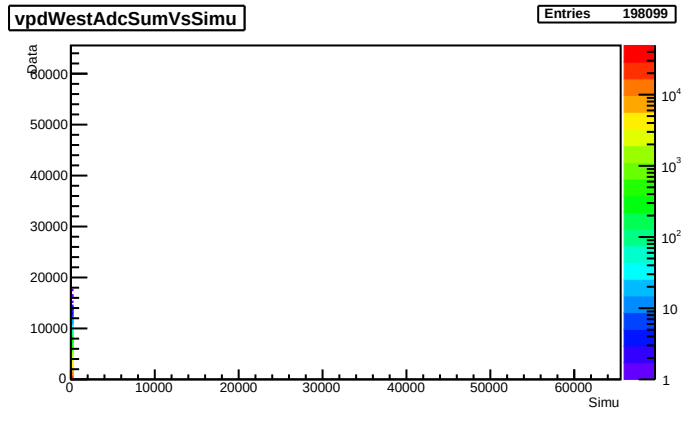

vpdEastAdcSum
Entries 247285

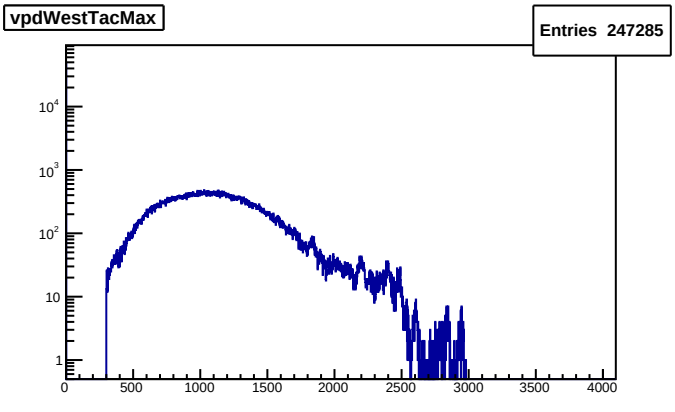

vpdEastAdcSumVsSimu
Entries 174052
Data
Simu

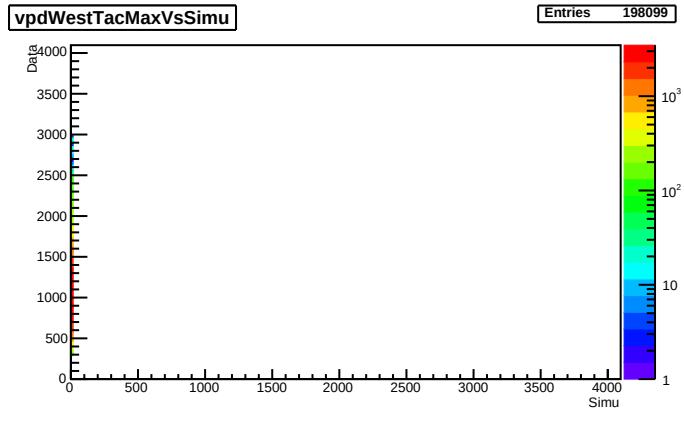

vpdEastTacMax
Entries 247285

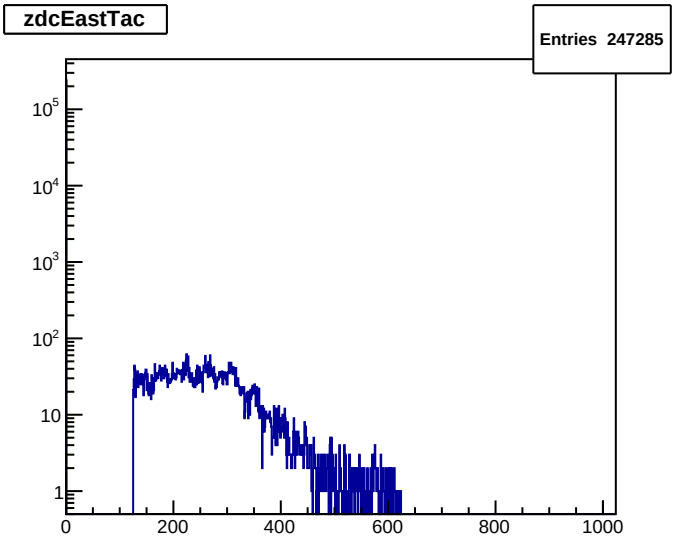

vpdEastTacMaxVsSimu
Entries 174052
Data
Simu

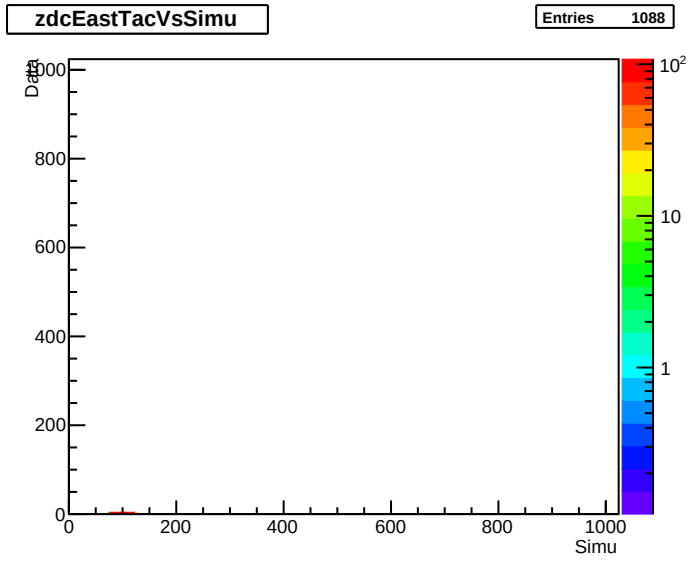

vpdWestAdcSum
Entries 247285

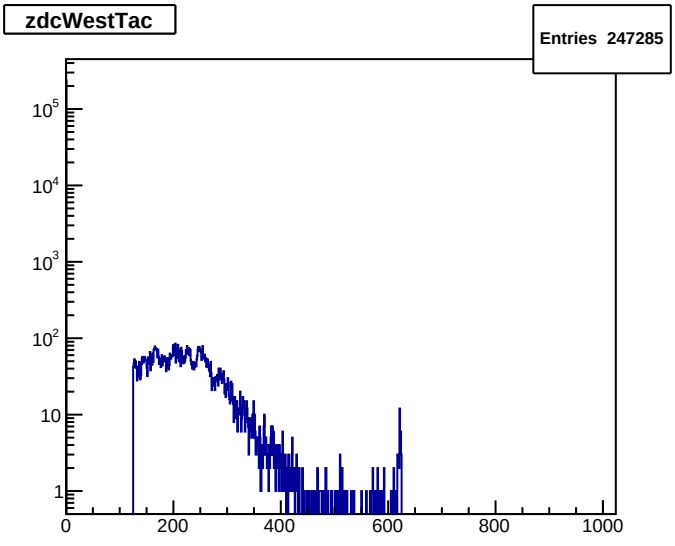

vpdWestAdcSumVsSimu
Entries 198099
Data
Simu

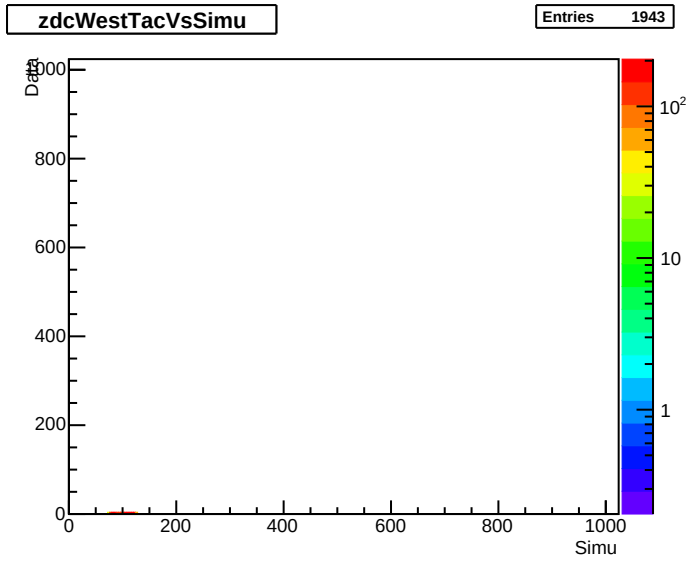

vpdWestTacMax
Entries 247285

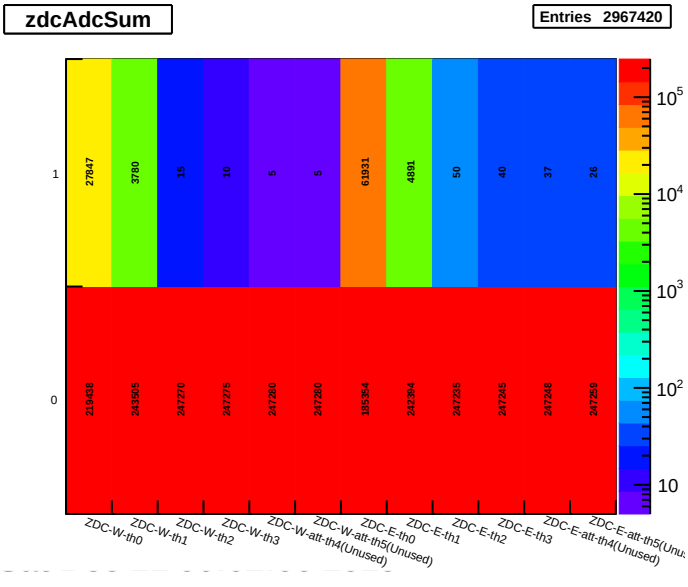

vpdWestTacMaxVsSimu
Entries 198099
Data
Simu

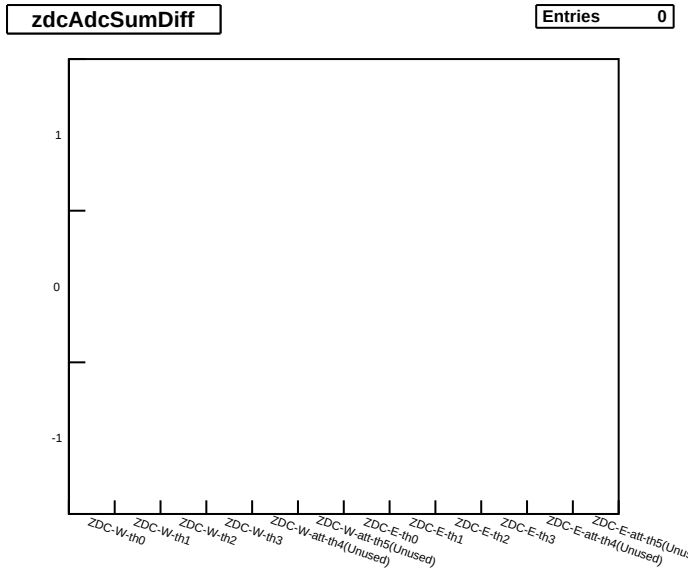

zdcEastTac
Entries 247285

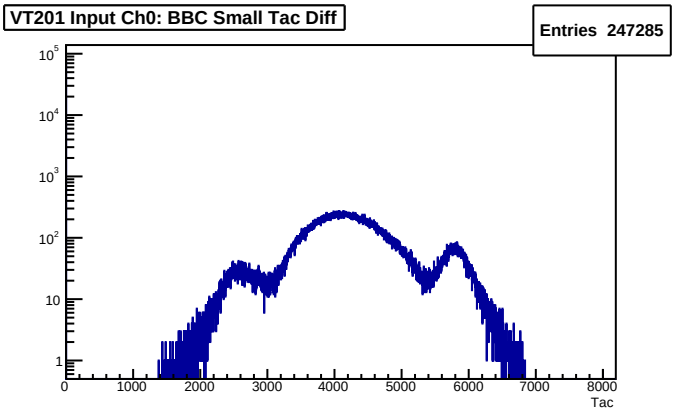

zdcEastTacVsSimu
Entries 1088
Data
Simu

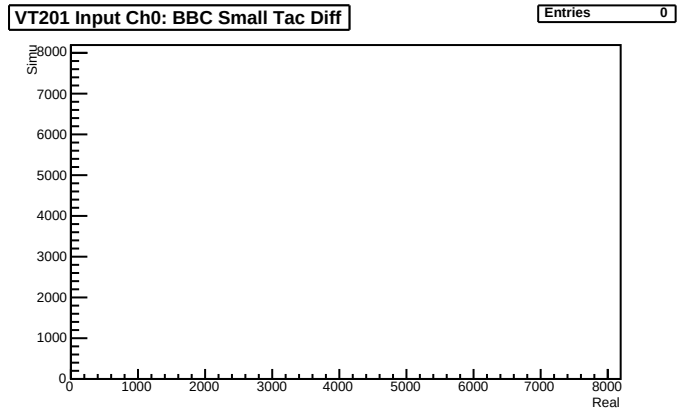

zdcWestTac
Entries 247285

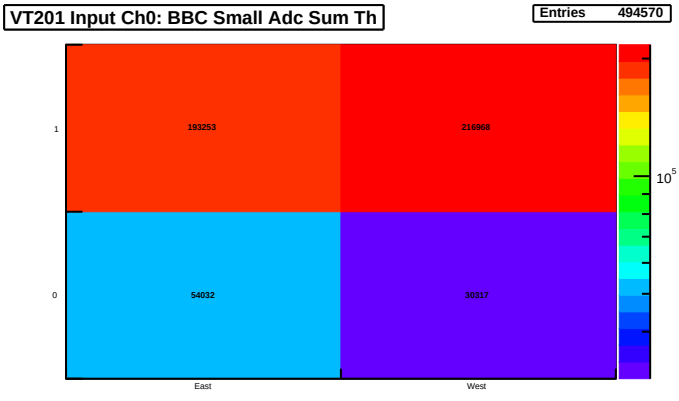

zdcWestTacVsSimu
Entries 1943
Data
Simu

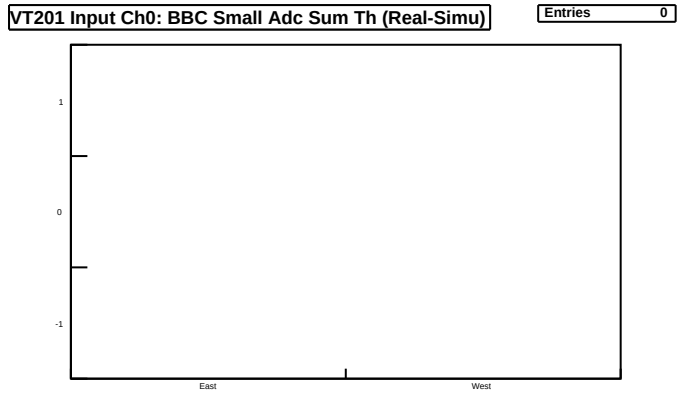

zdcAdcSum
Entries 2967420
27847
3760
15
10
5
5
61931
4891
50
40
37
26
219438
243505
247270
247275
247280
247280
185354
242394
247235
247245
247248
247259
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

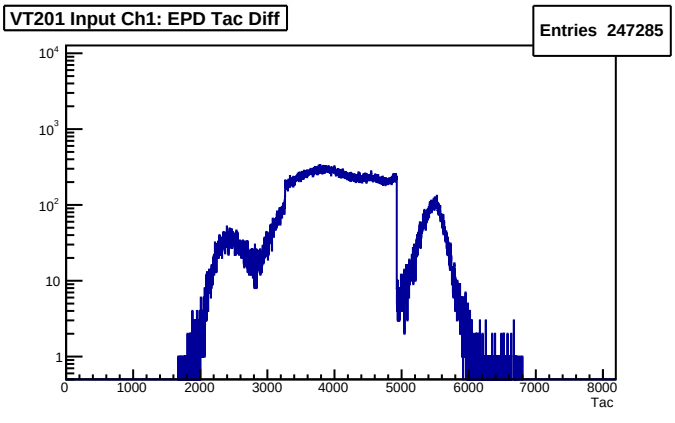

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

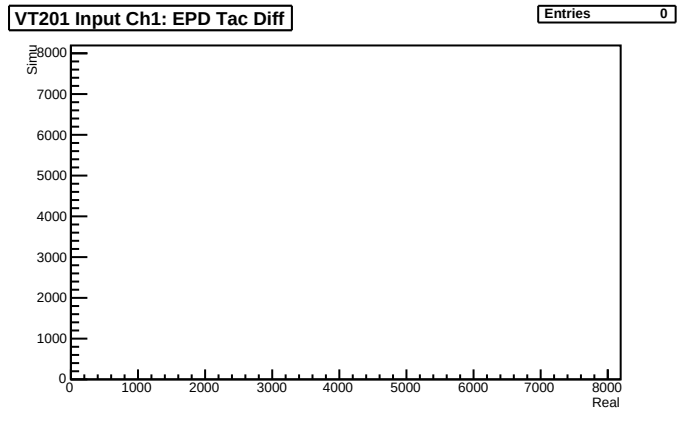

VT201 Input Ch0: BBC Small Tac Diff
Entries 247285
Tac

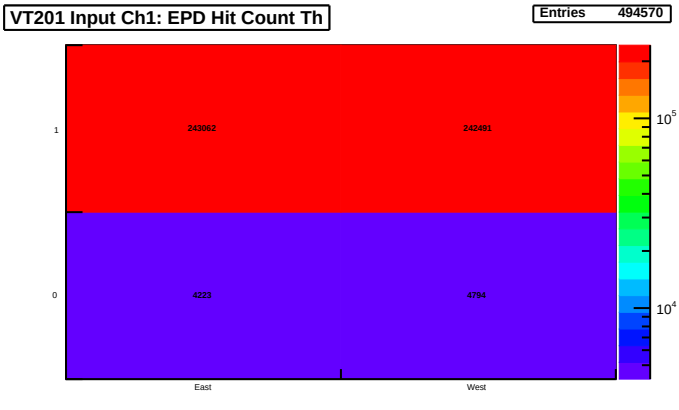

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

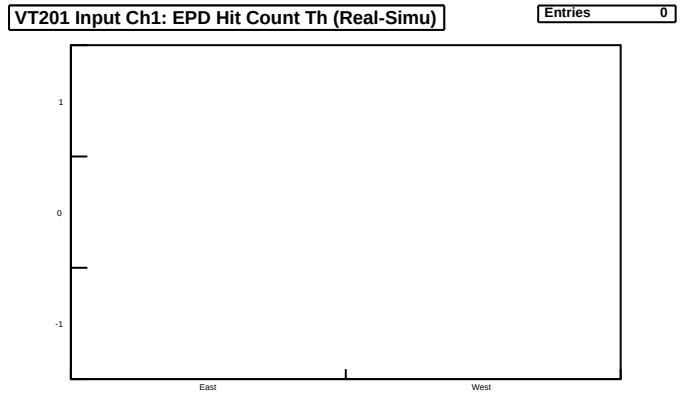

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 494570
193253
216968
54032
30317
East
West

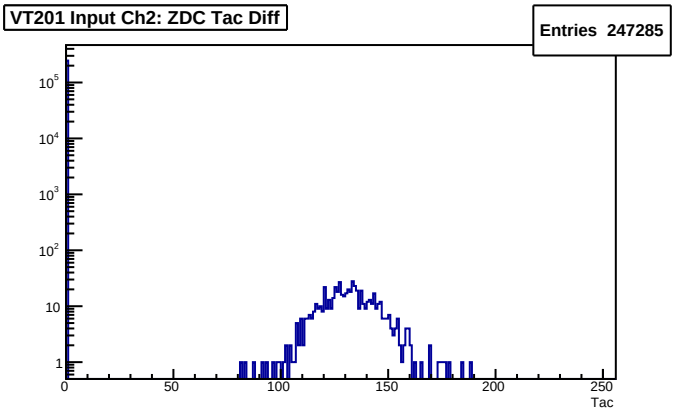

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

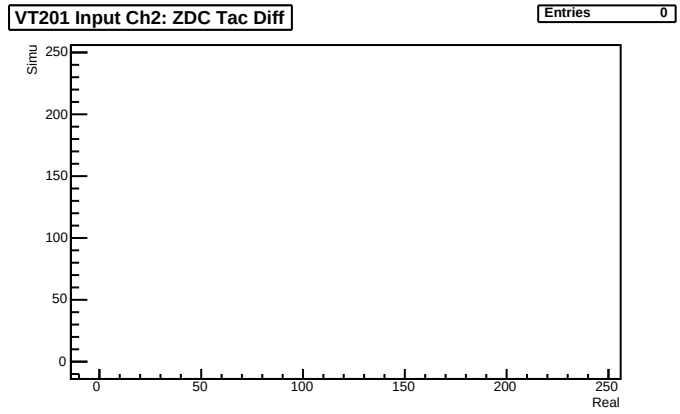

VT201 Input Ch1: EPD Tac Diff
Entries 247285
Tac

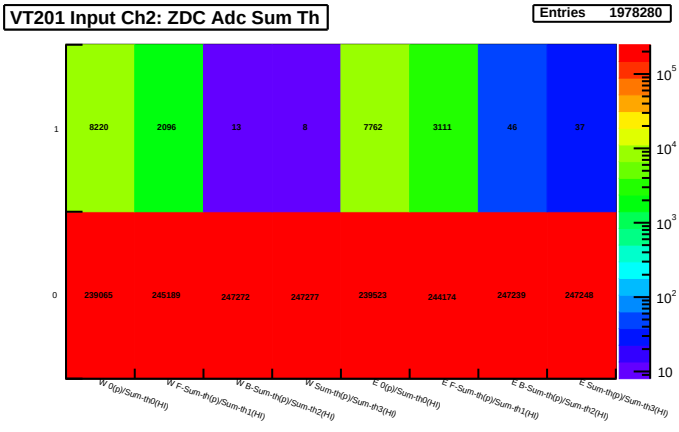

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

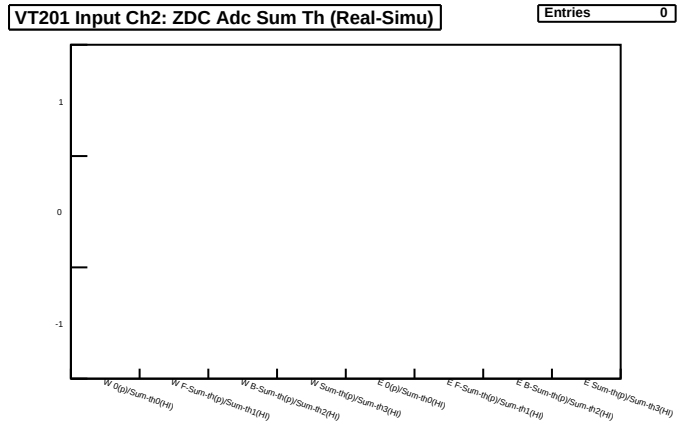

VT201 Input Ch1: EPD Hit Count Th
Entries 494570
243062
242491
4223
4794
East
West

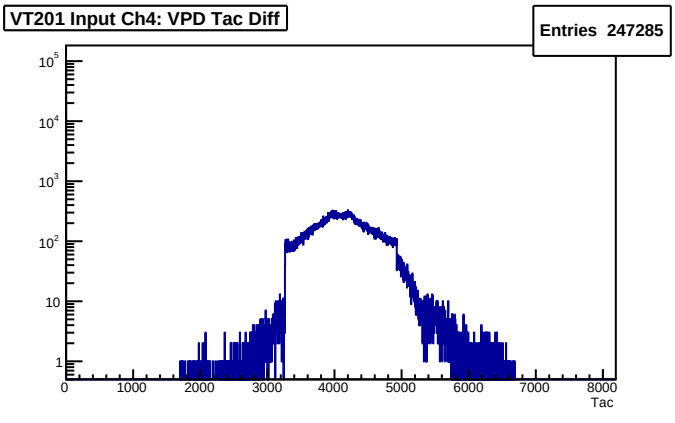

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

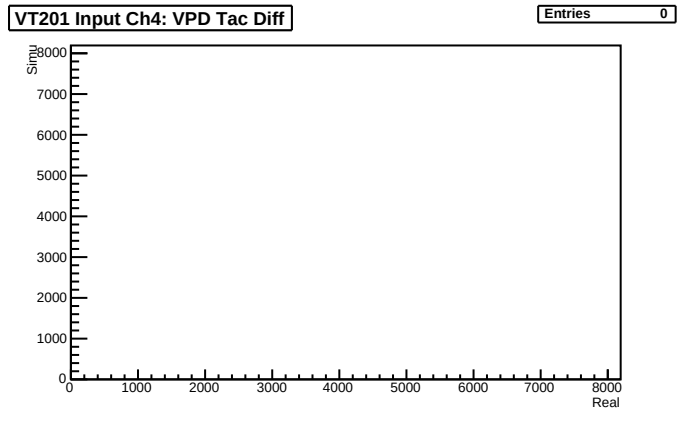

VT201 Input Ch2: ZDC Tac Diff
Entries 247285
Tac

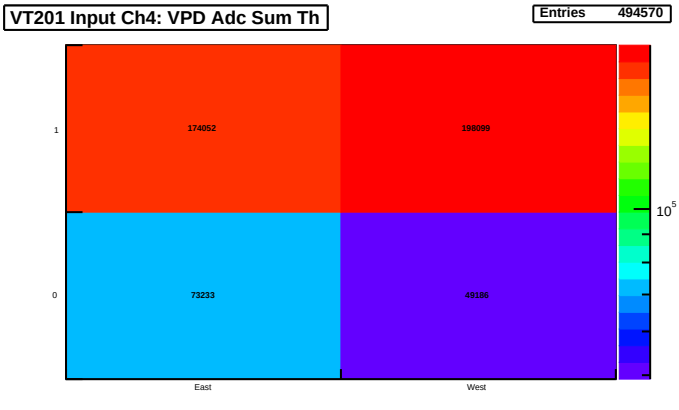

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

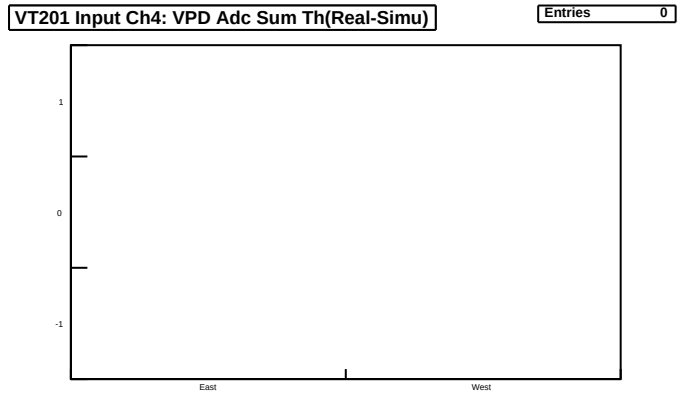

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1978280
8220
2096
13
8
7762
3111
46
37
239065
245189
247272
247277
239523
244174
247239
247248
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

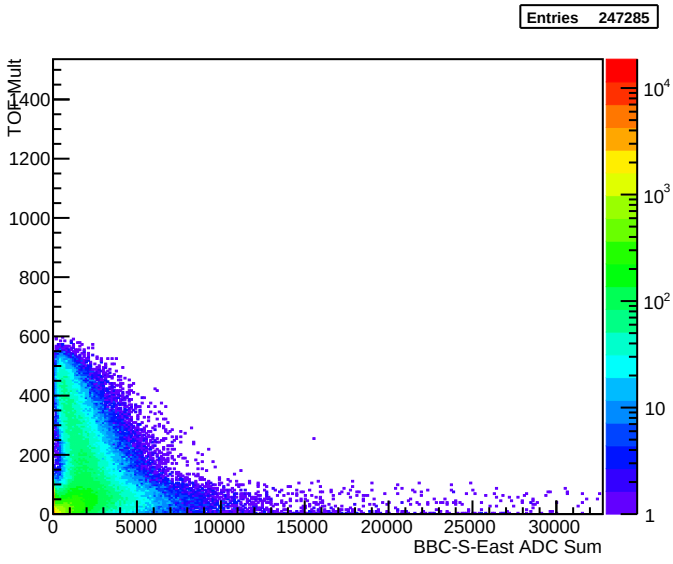

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

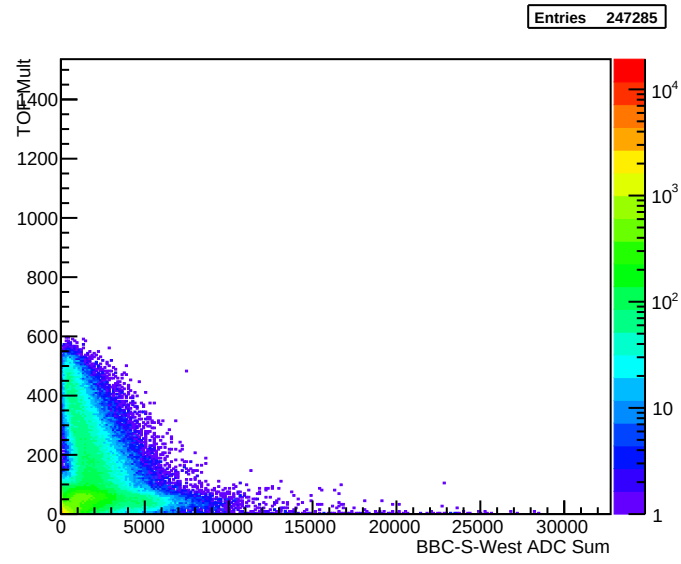

VT201 Input Ch4: VPD Tac Diff
Entries 247285
Tac

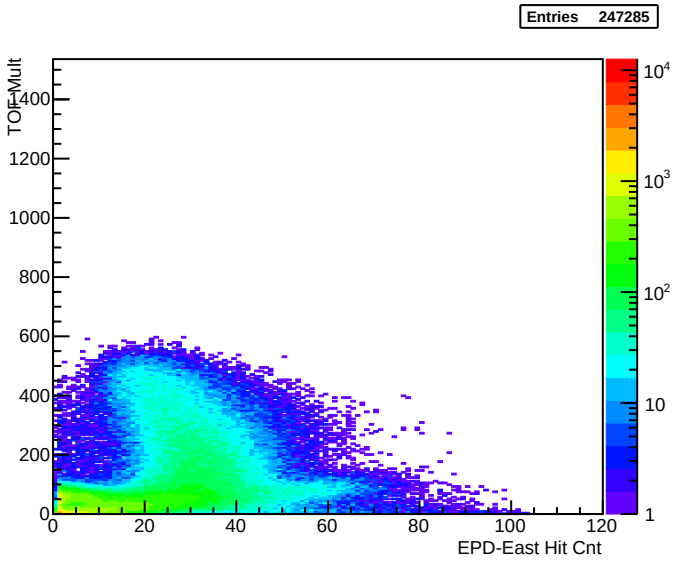

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

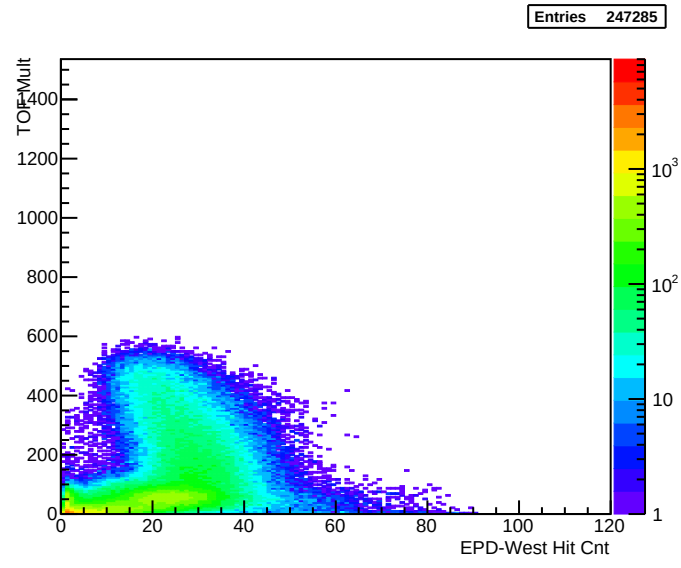

VT201 Input Ch4: VPD Adc Sum Th
Entries 494570
174052
198099
73233
49186
East
West

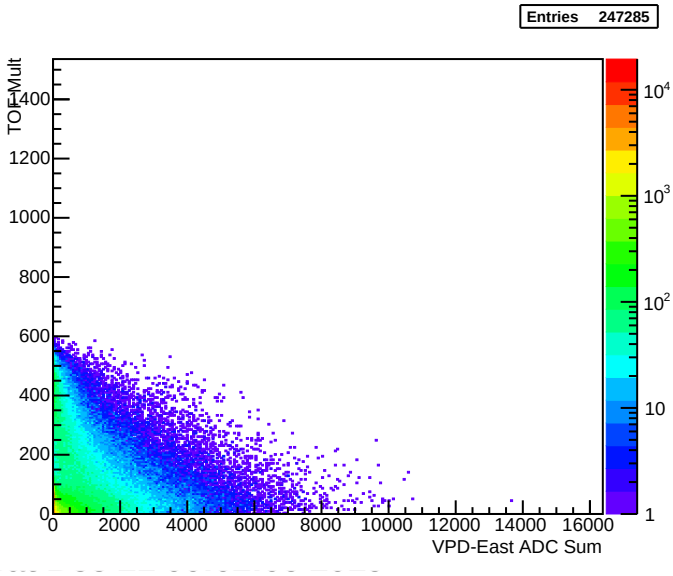

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

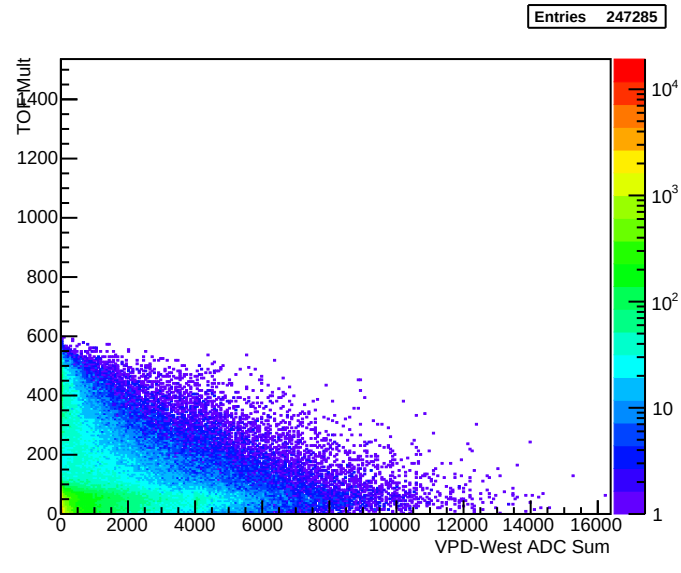

Entries 247285
TOF-Mult
BBC-S-East ADC Sum

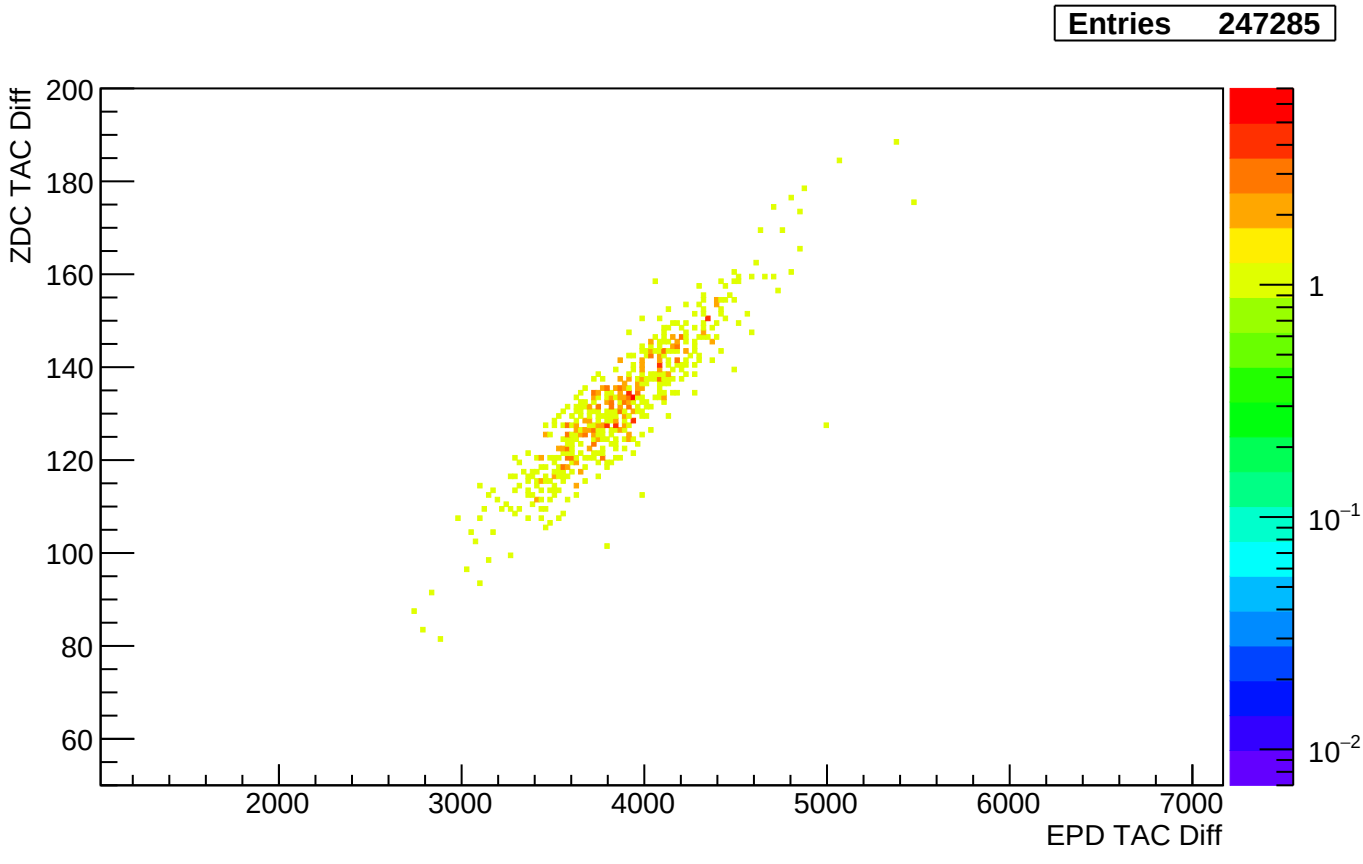

Entries 247285
TOF-Mult
BBC-S-West ADC Sum

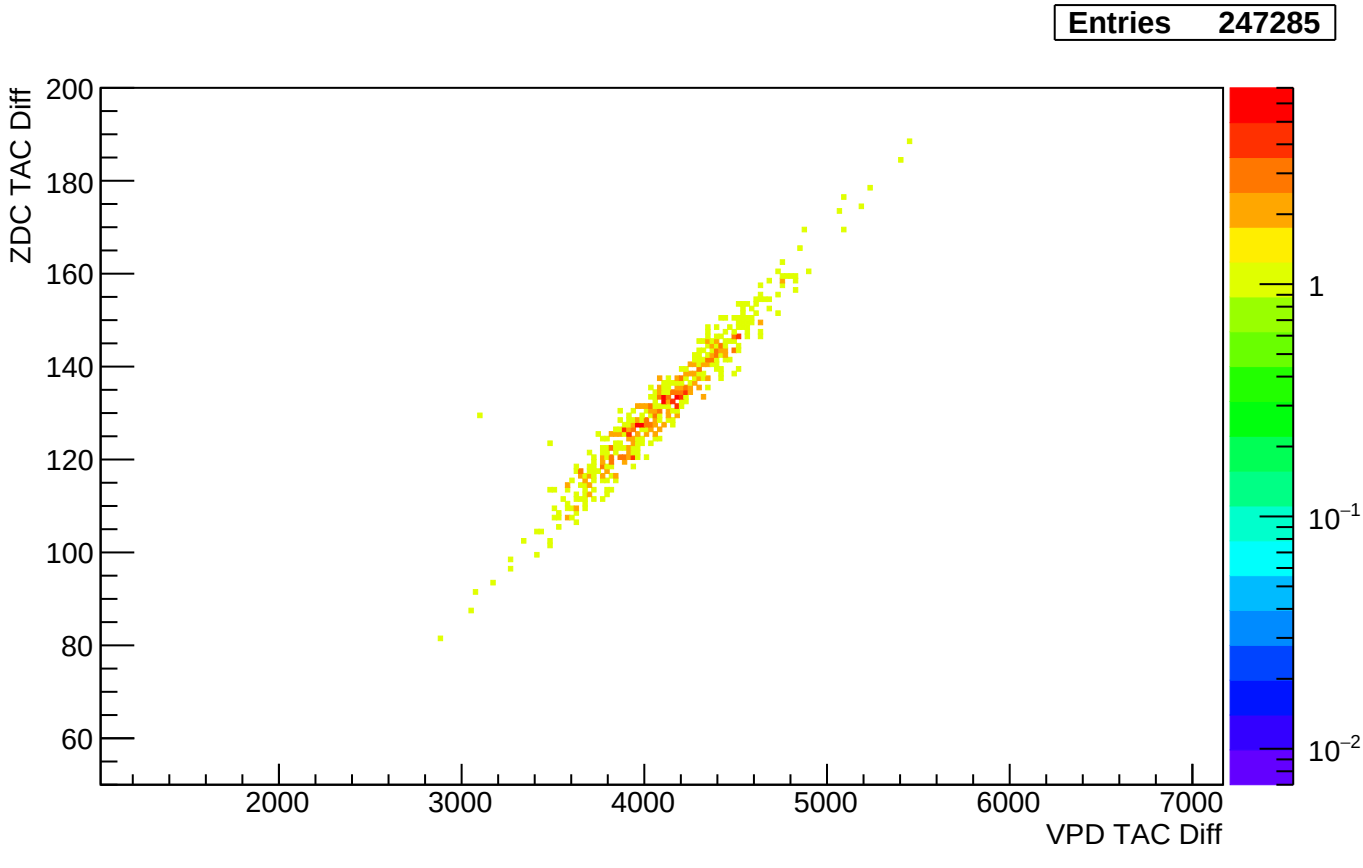

Entries 247285
TOF-Mult
EPD-East Hit Cnt

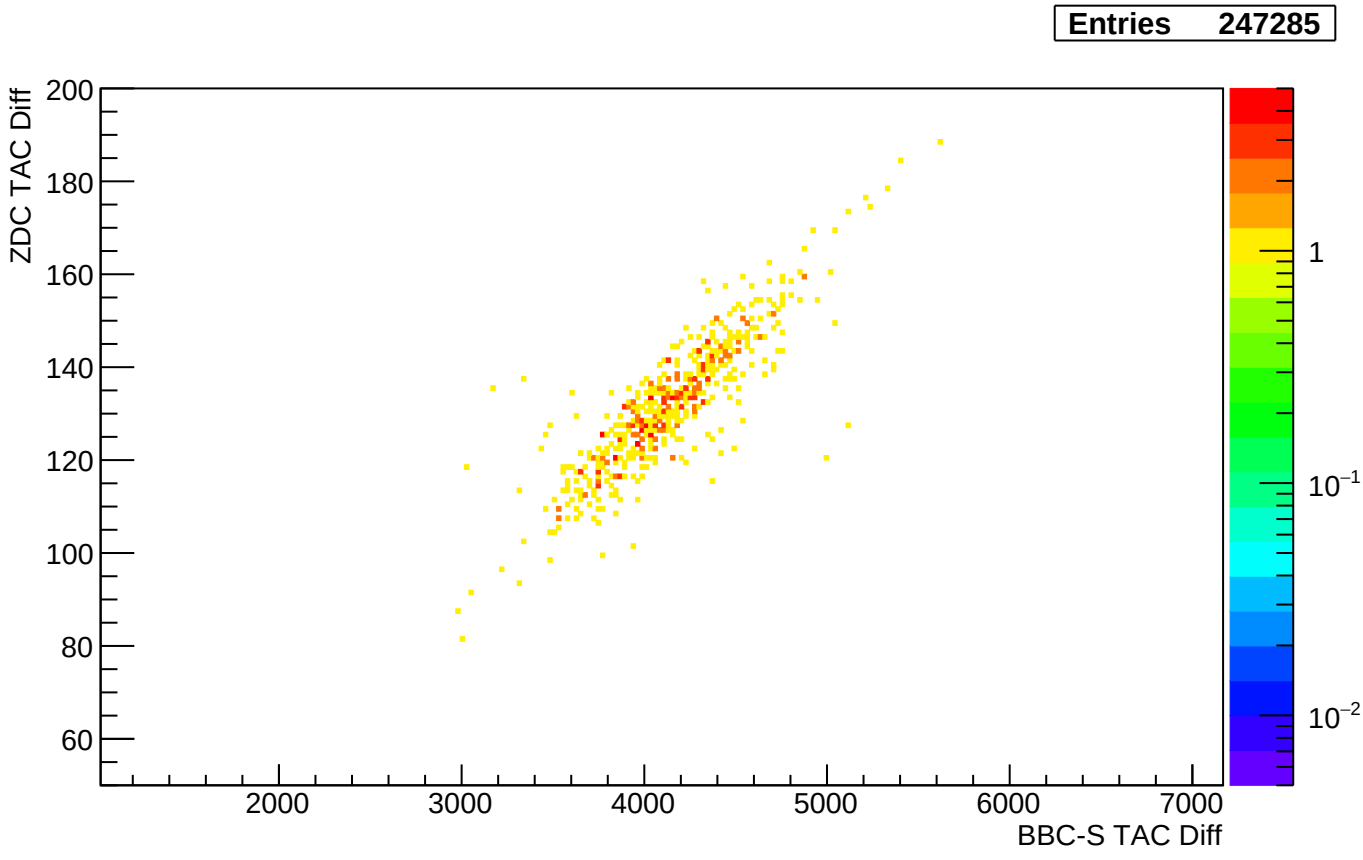

Entries 247285
TOF-Mult
EPD-West Hit Cnt

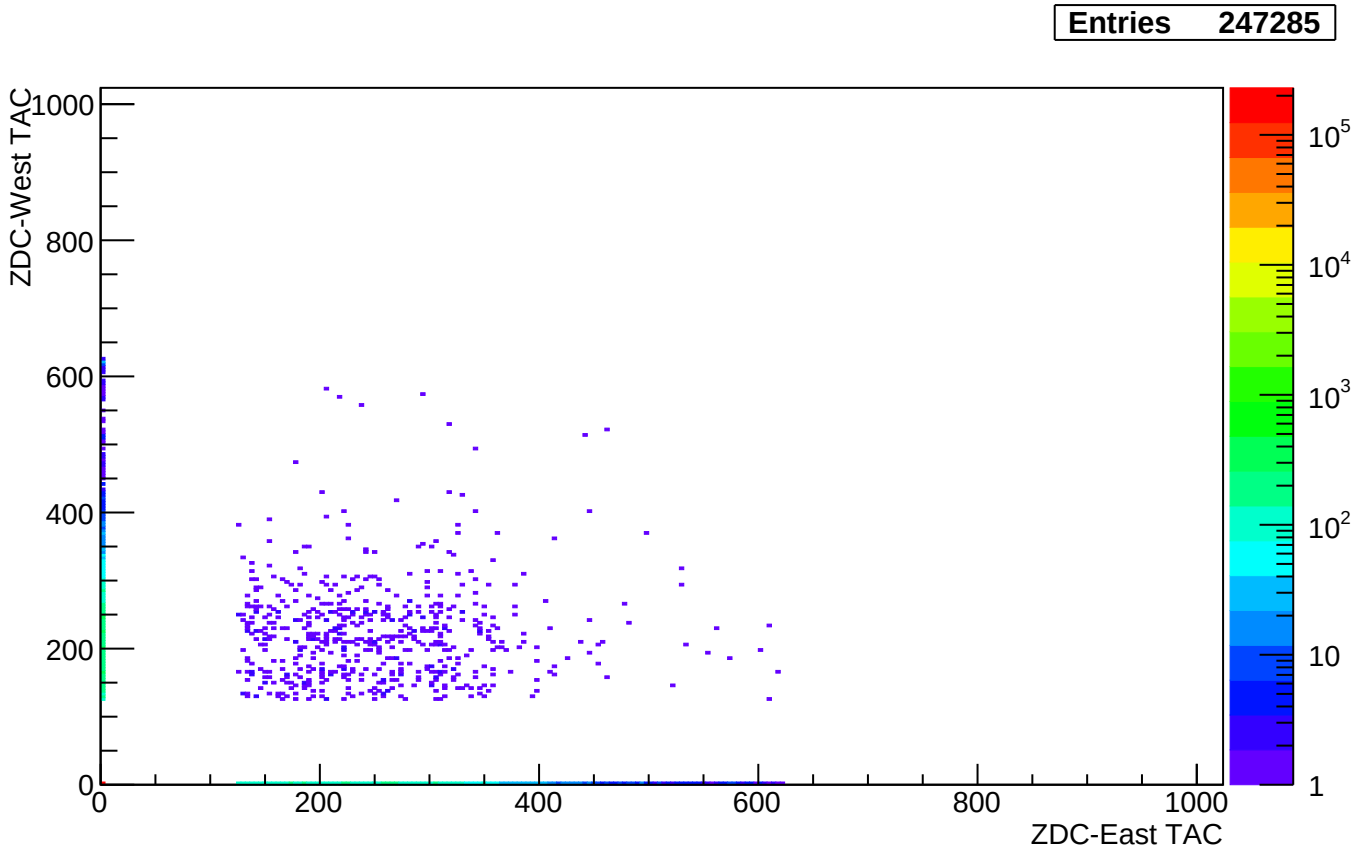

Entries 247285
TOF-Mult
VPD-East ADC Sum

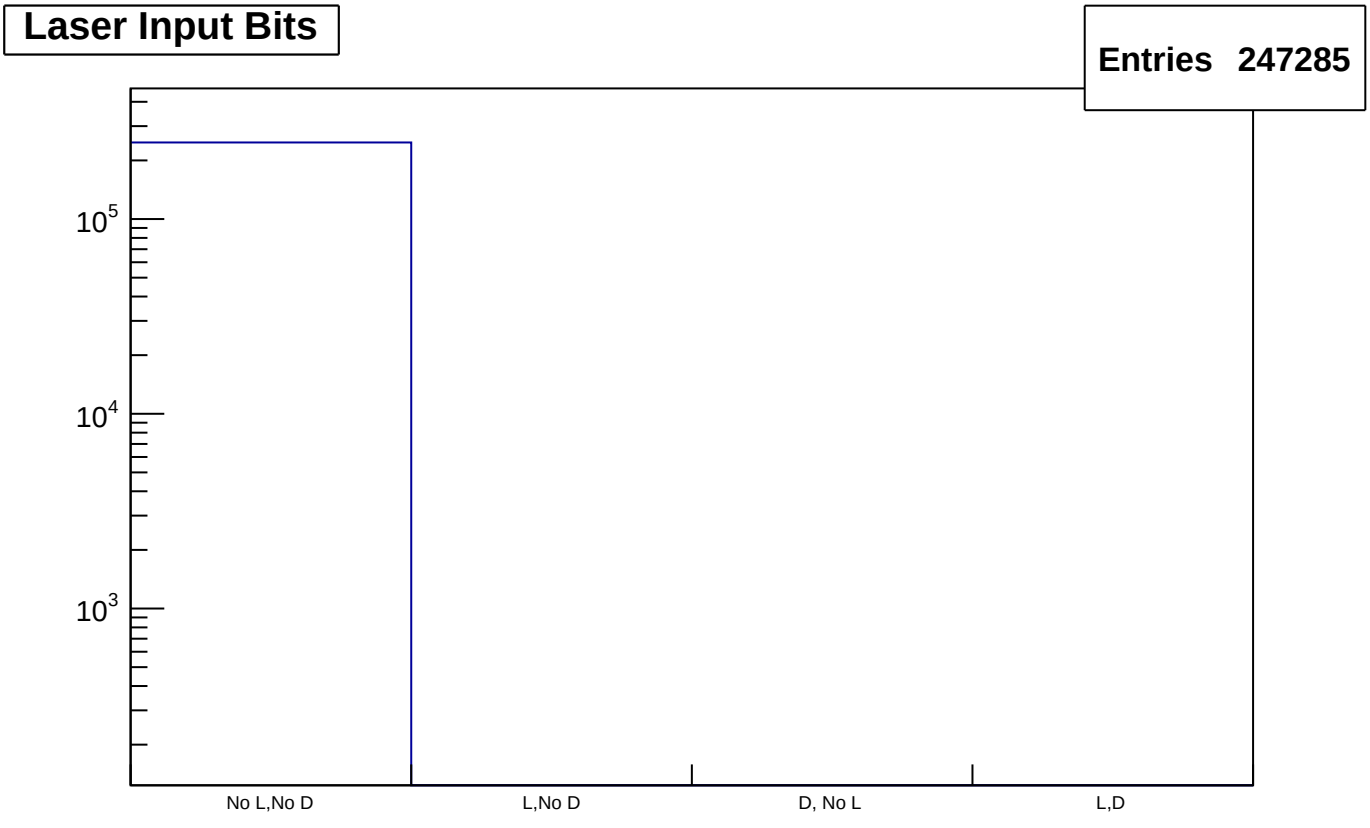

Entries 247285
TOF-Mult
VPD-West ADC Sum

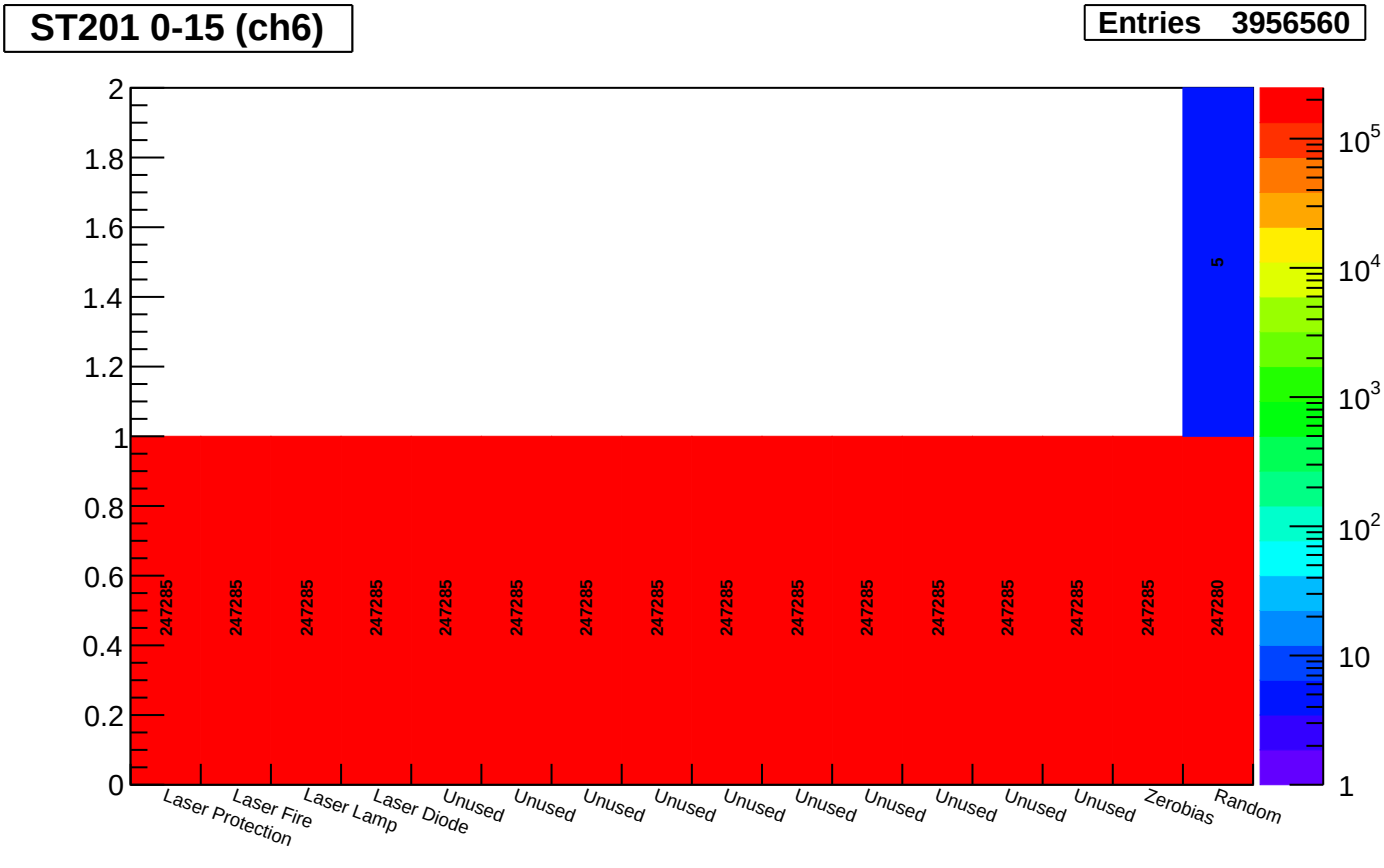

Entries 247285
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

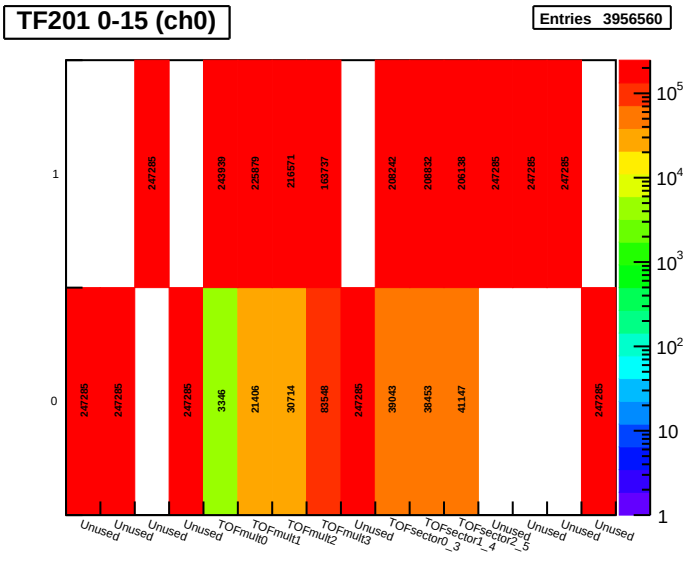

Entries 247285
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

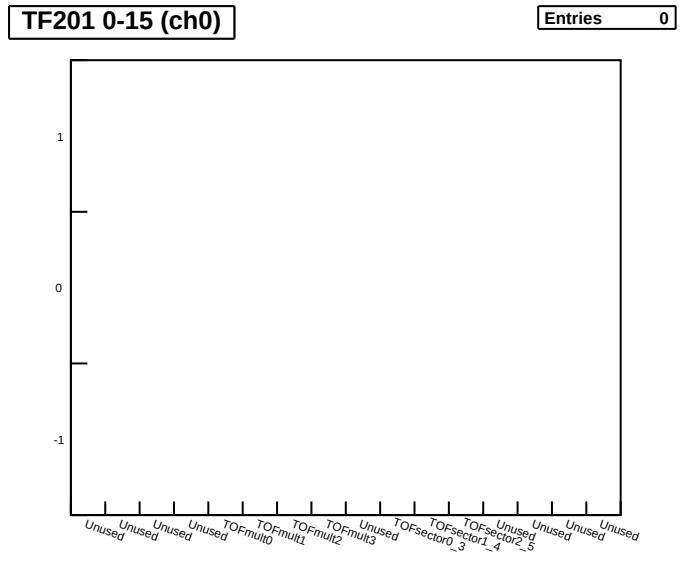

Entries 247285
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

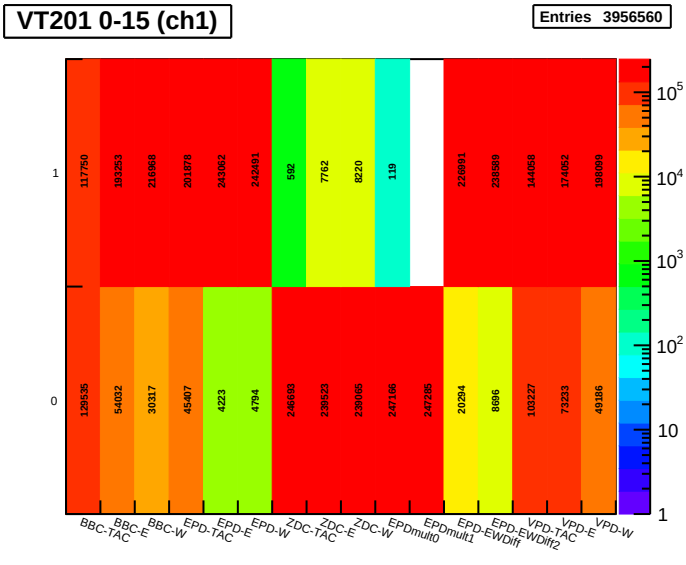

Entries 247285
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

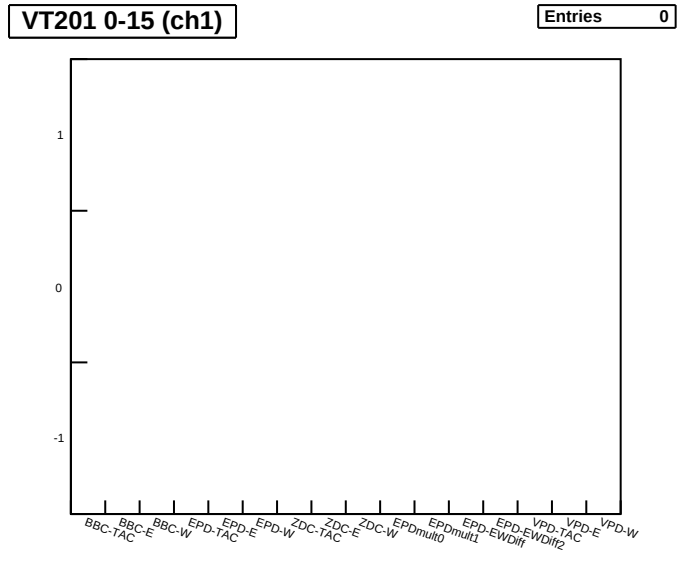

Laser Input Bits
Entries 247285
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

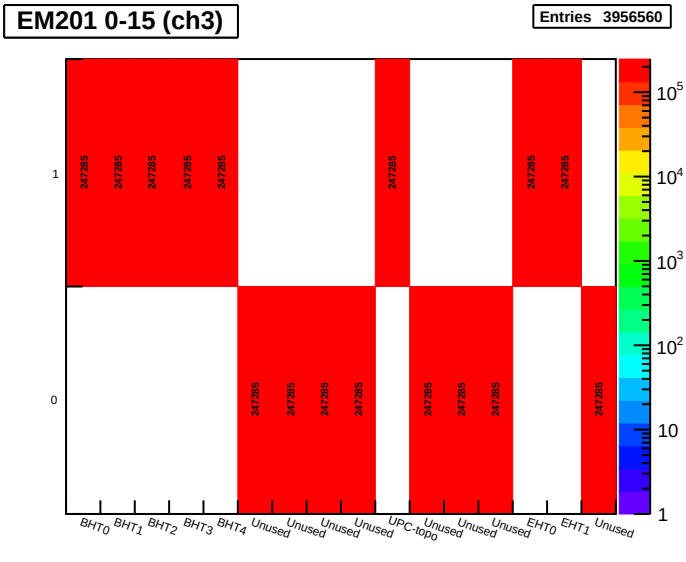

ST201 0-15 (ch6)
Entries 3956560
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
247285
247285
247285
247285
247285
247285
247285
247285
247285
247285
247285
247285
247285
247285
247280
5
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

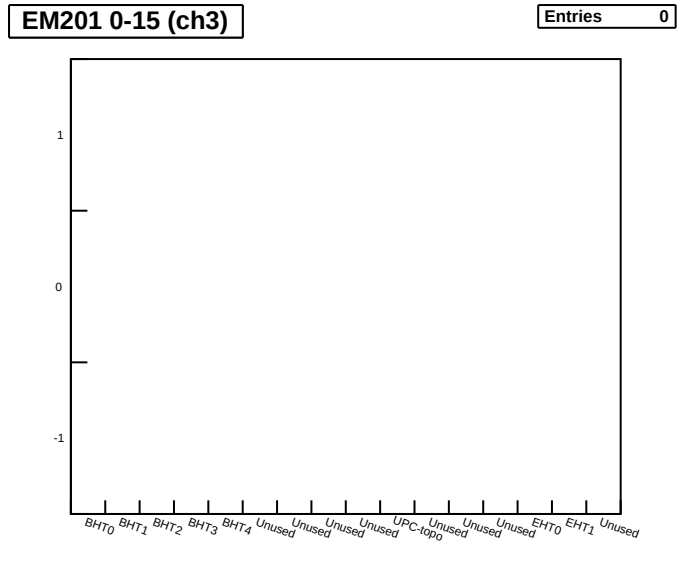

TF201 0-15 (ch0)
Entries 3956560
1
0
247285
243939
225879
216571
163737
208242
208832
206138
247285
247285
247285
247285
247285
3346
21406
30714
83548
39043
38453
41147
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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 3956560
1
0
117750
193253
216968
201878
243062
242491
592
7762
8220
119
226991
238589
144058
174052
198099
129535
54032
30317
45407
4223
4794
246693
239523
239065
247166
247285
20294
8696
103227
73233
49186
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
1
10
10^2
10^3
10^4
10^5


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 3956560
1
0
247285
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
1
10
10^2
10^3
10^4
10^5


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1