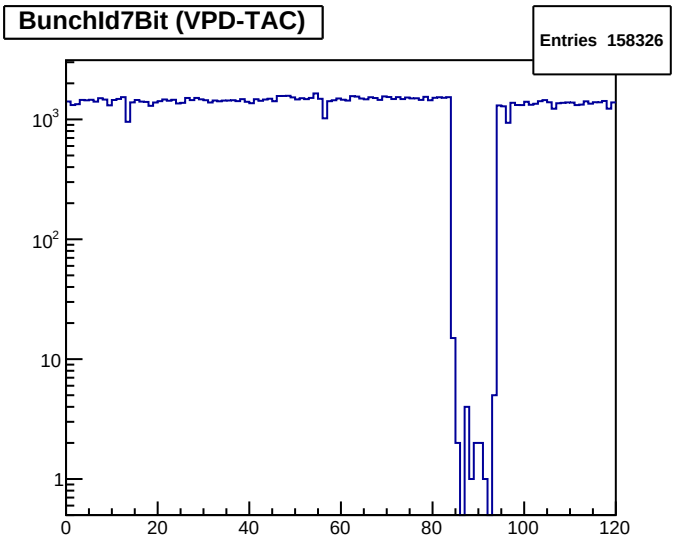
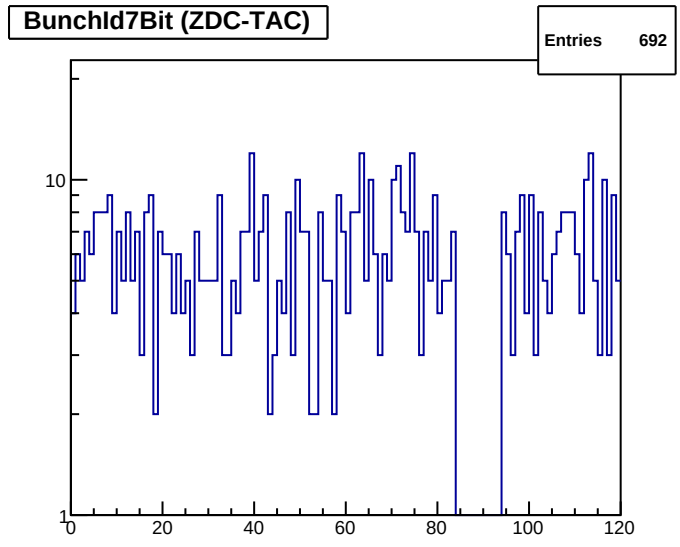
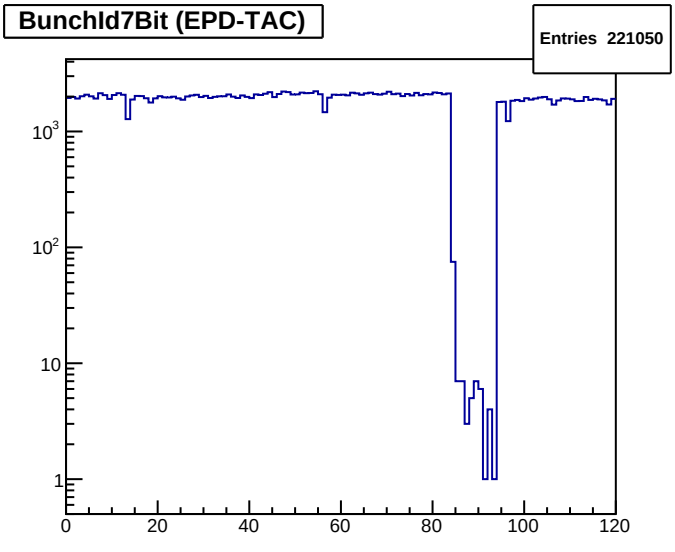
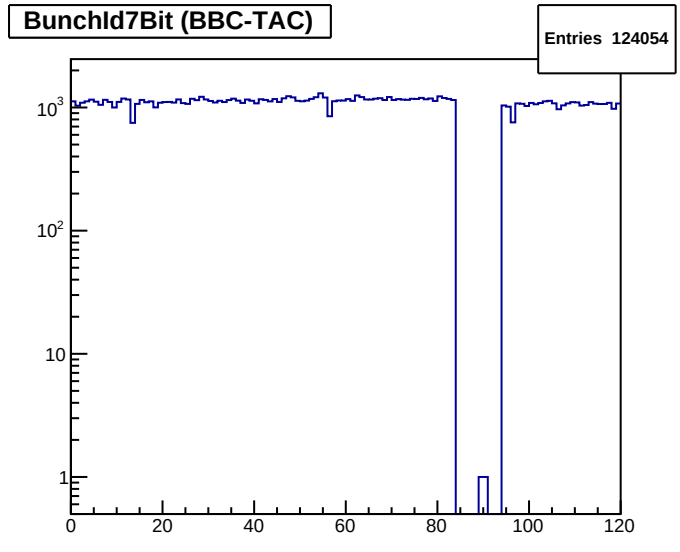
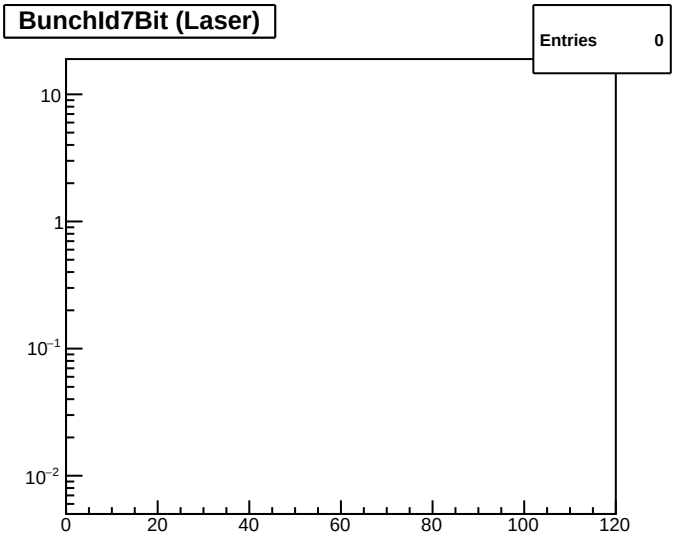
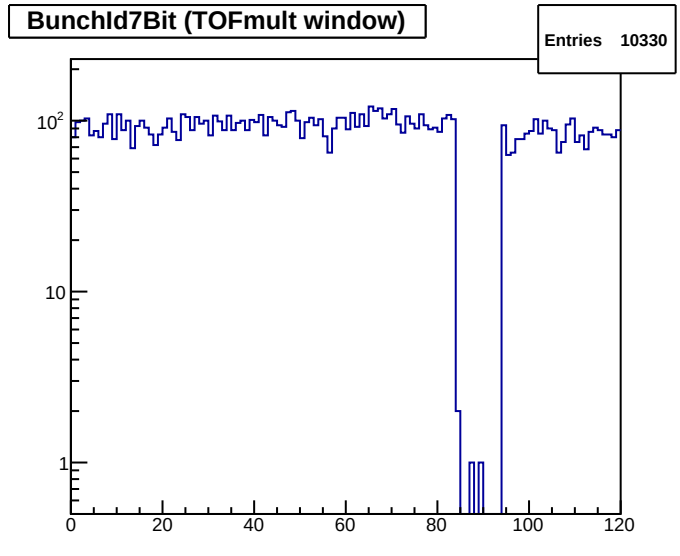

BunchId7Bit (VPD-TAC)
Entries 158326

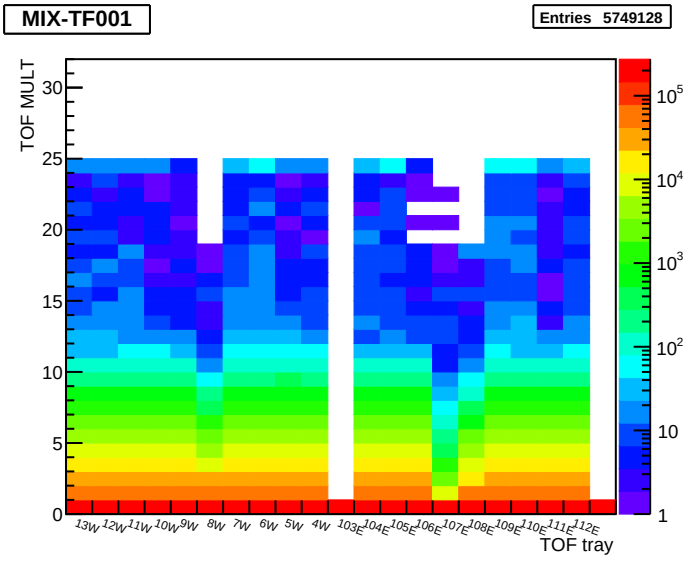

BunchId7Bit (ZDC-TAC)
Entries 692

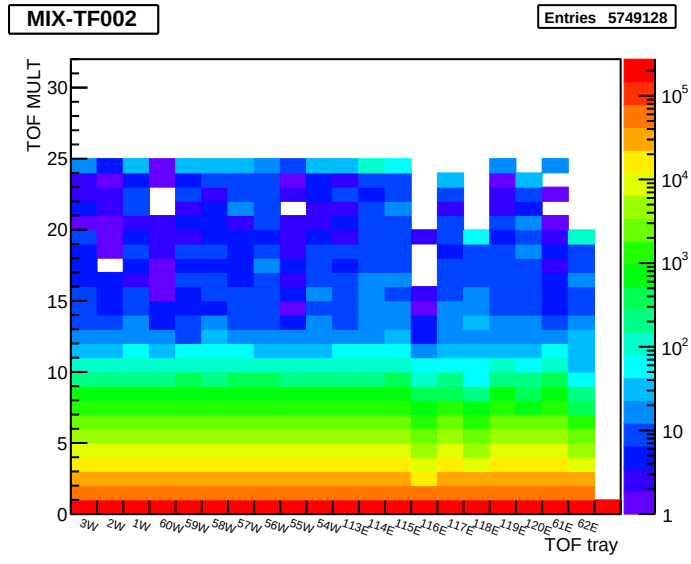

BunchId7Bit (EPD-TAC)
Entries 221050

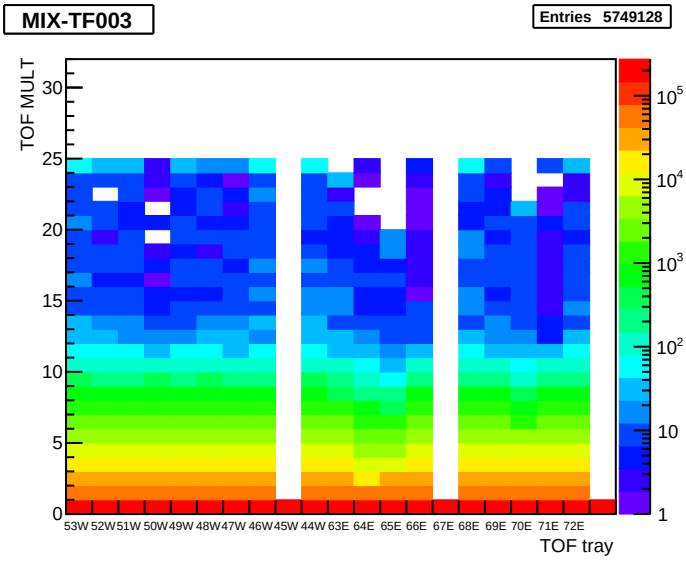

BunchId7Bit (BBC-TAC)
Entries 124054

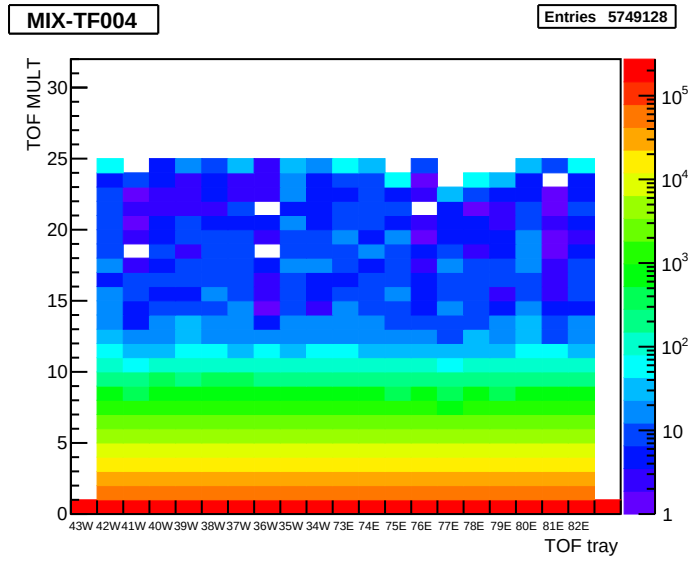

BunchId7Bit (Laser)
Entries 0

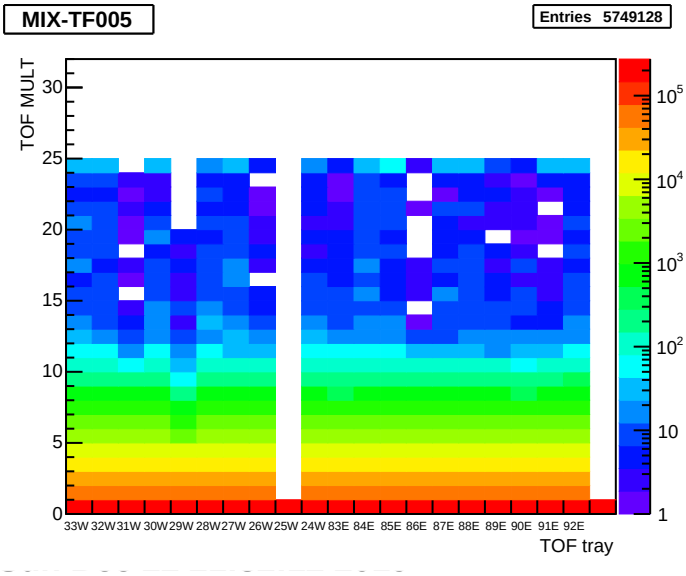

BunchId7Bit (TOFmult window)
Entries 10330

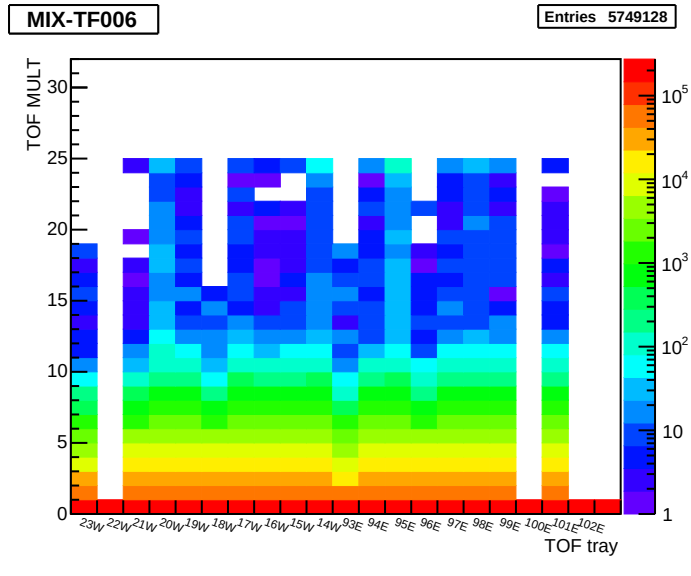

MIX-TF001
Entries 5749128
TOF MULT
TOF tray

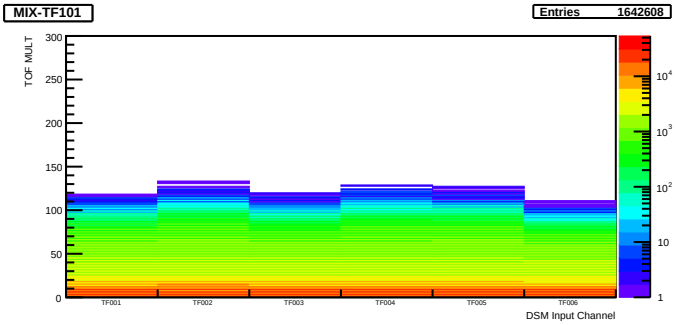

MIX-TF002
Entries 5749128
TOF MULT
TOF tray

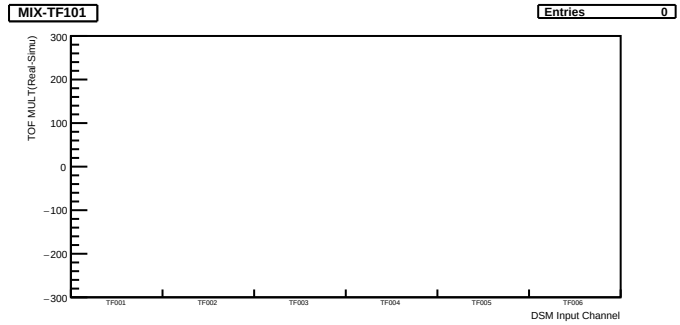

MIX-TF003
Entries 5749128
TOF MULT
TOF tray

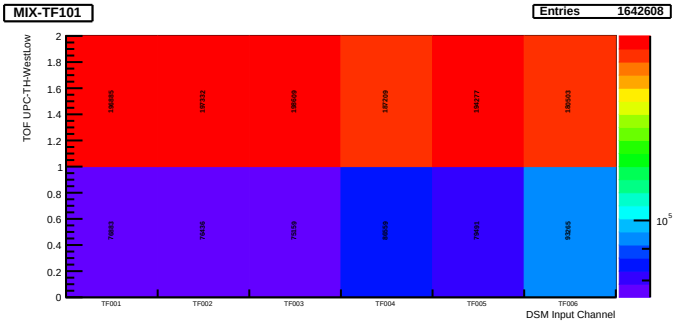

MIX-TF004
Entries 5749128
TOF MULT
TOF tray

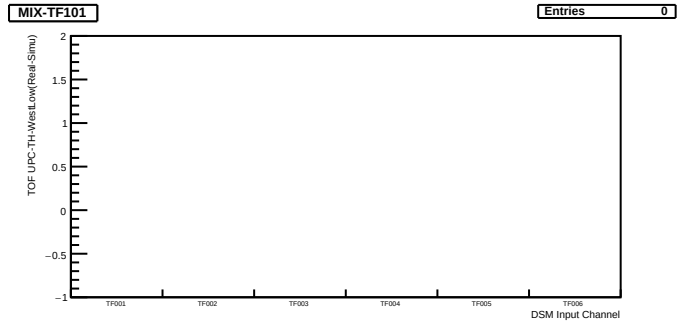

MIX-TF005
Entries 5749128
TOF MULT
TOF tray

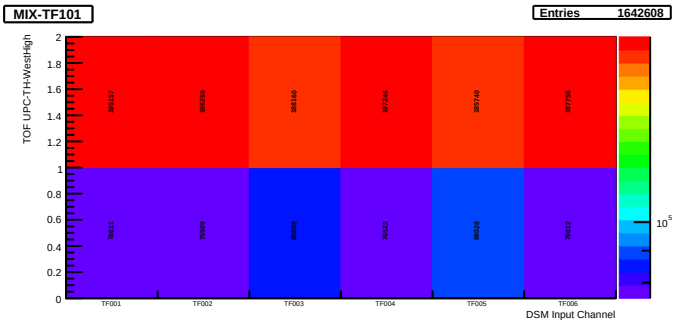

MIX-TF006
Entries 5749128
TOF MULT
TOF tray

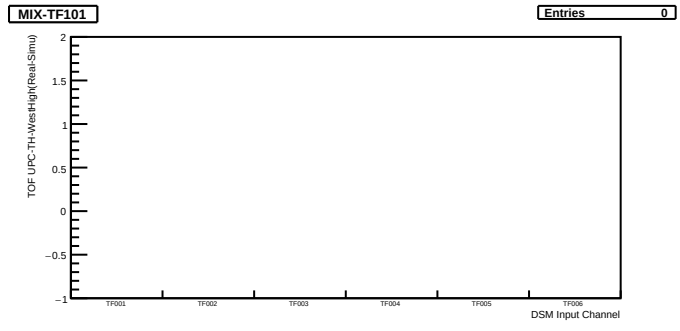

MIX-TF101
Entries 1642608
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

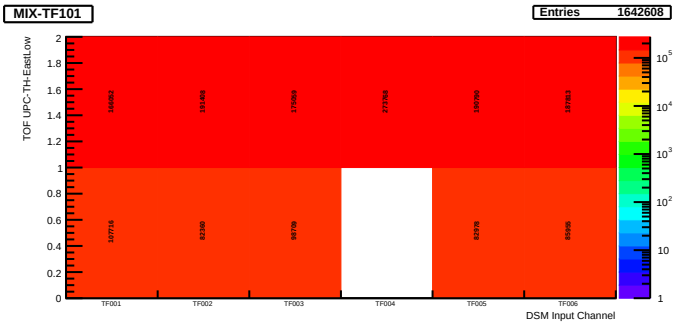

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

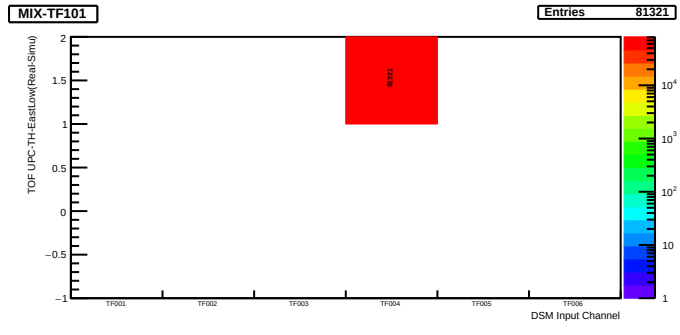

MIX-TF101
Entries 1642608
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

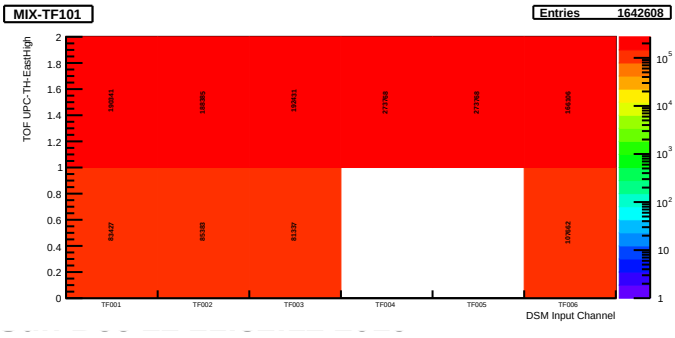

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

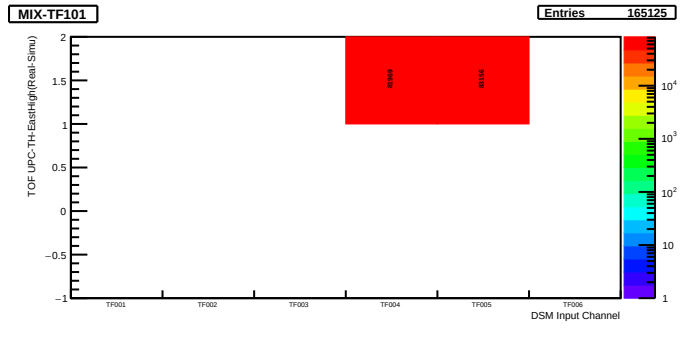

MIX-TF101
Entries 1642608
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

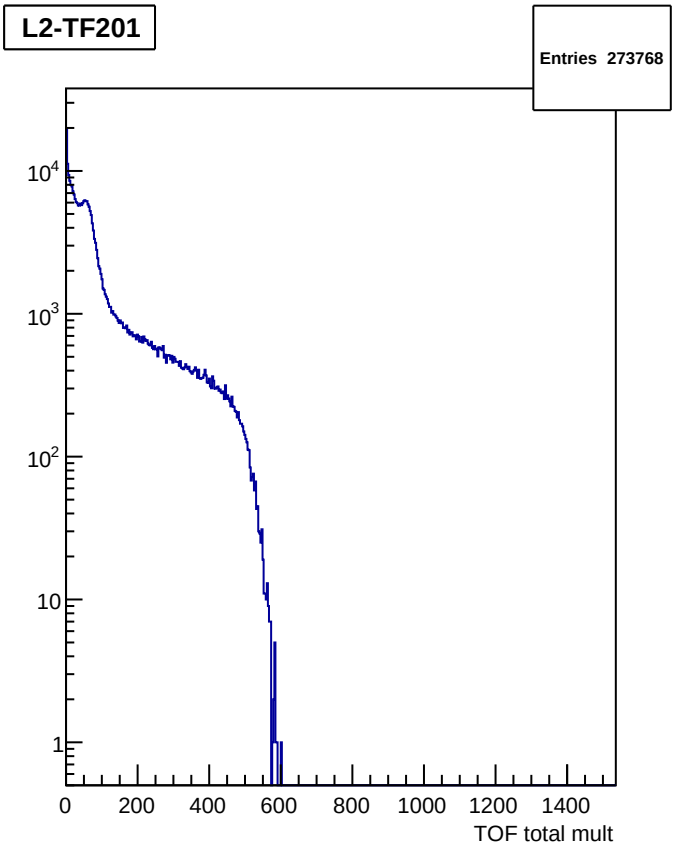

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

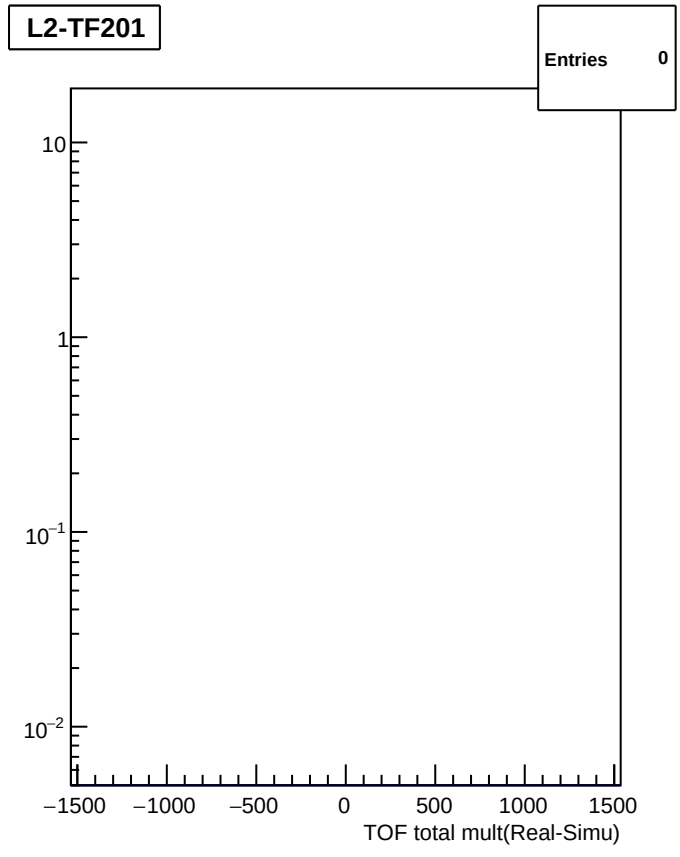

MIX-TF101
Entries 1642608
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

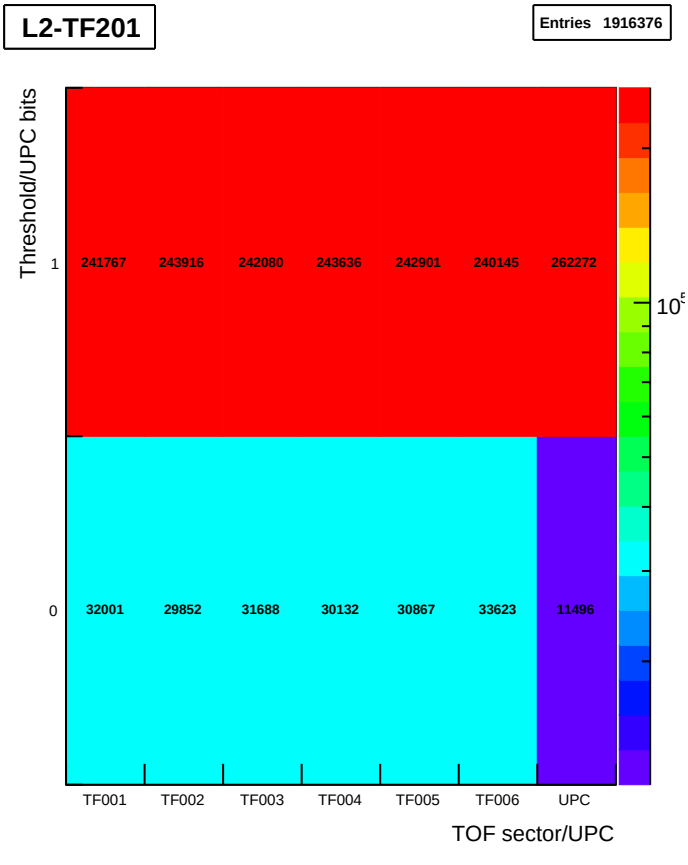

MIX-TF101
Entries 81321
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

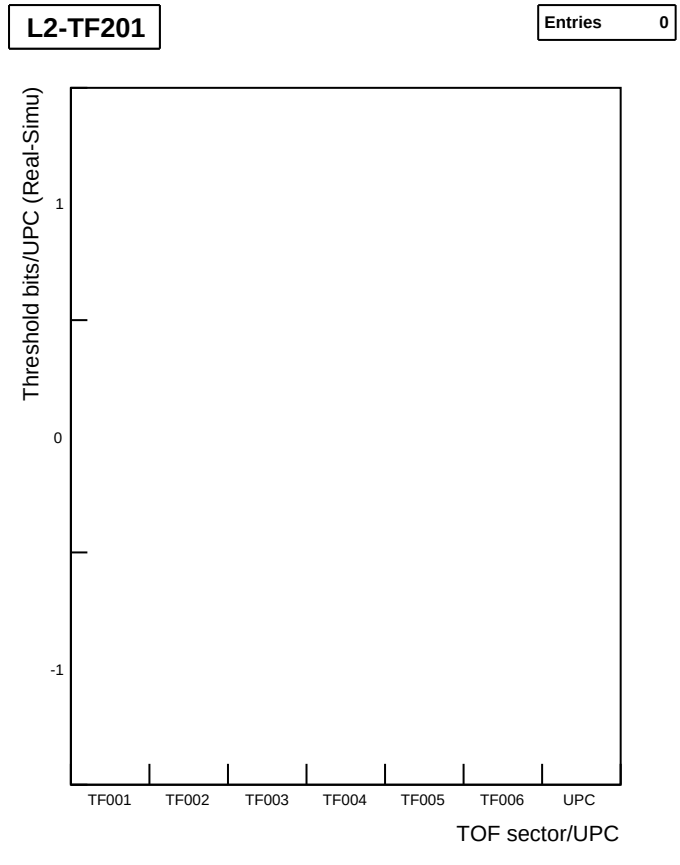

MIX-TF101
Entries 1642608
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

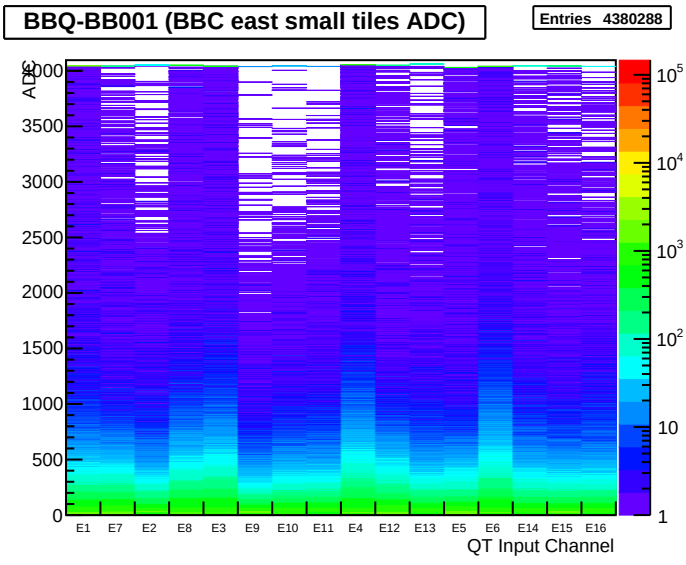

MIX-TF101
Entries 165125
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

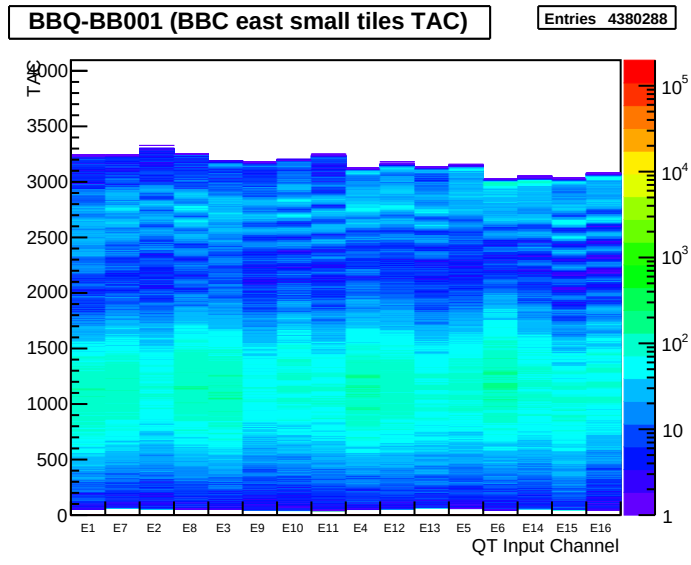

L2-TF201
Entries 273768
TOF total mult

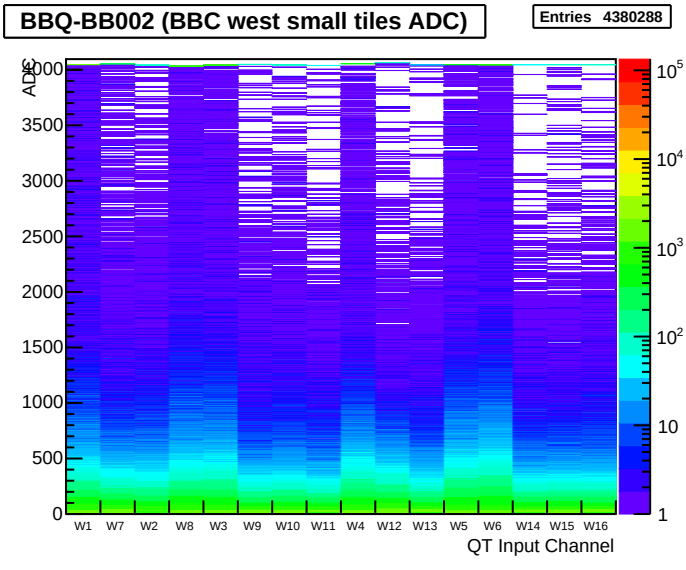

L2-TF201
Entries 0
TOF total mult(Real-Simu)

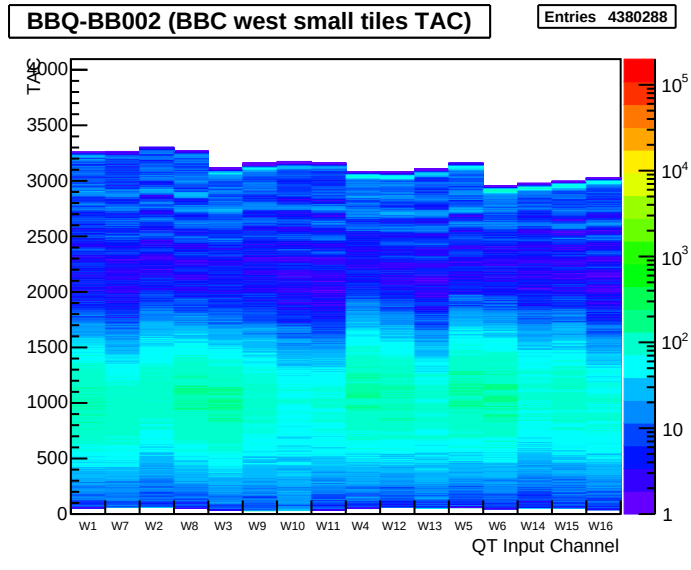

L2-TF201
Entries 1916376
Threshold/UPC bits
241767 243916 242080 243636 242901 240145 262272
32001 29852 31688 30132 30867 33623 11496
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

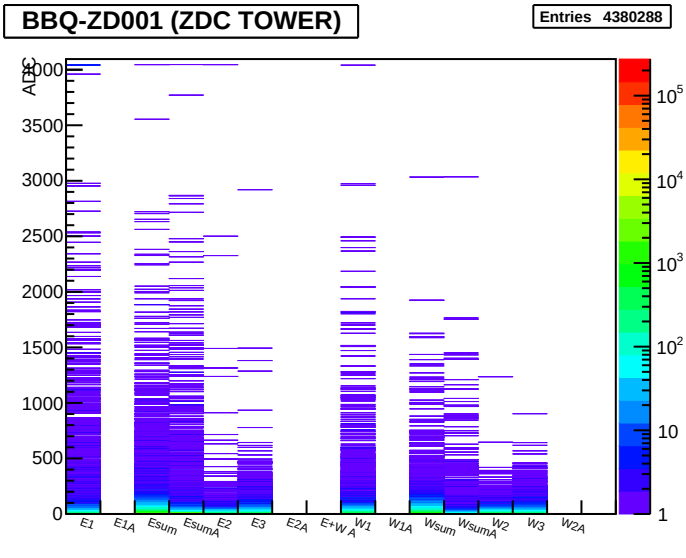

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

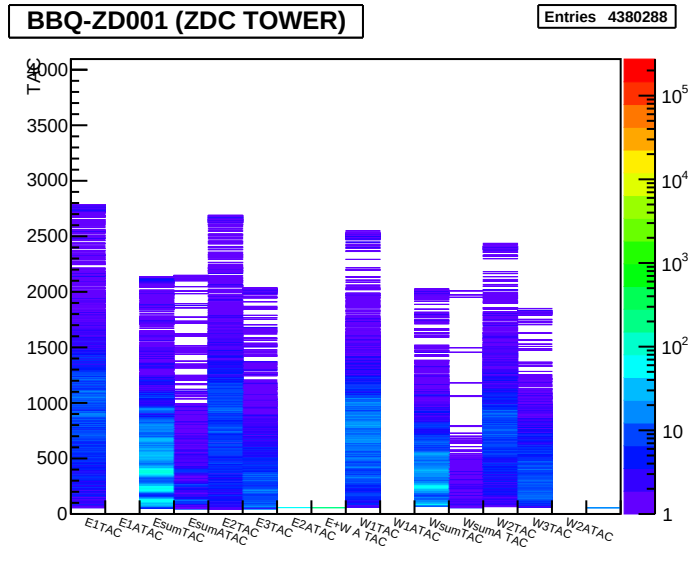

BBQ-BB001 (BBC east small tiles ADC)
Entries 4380288
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

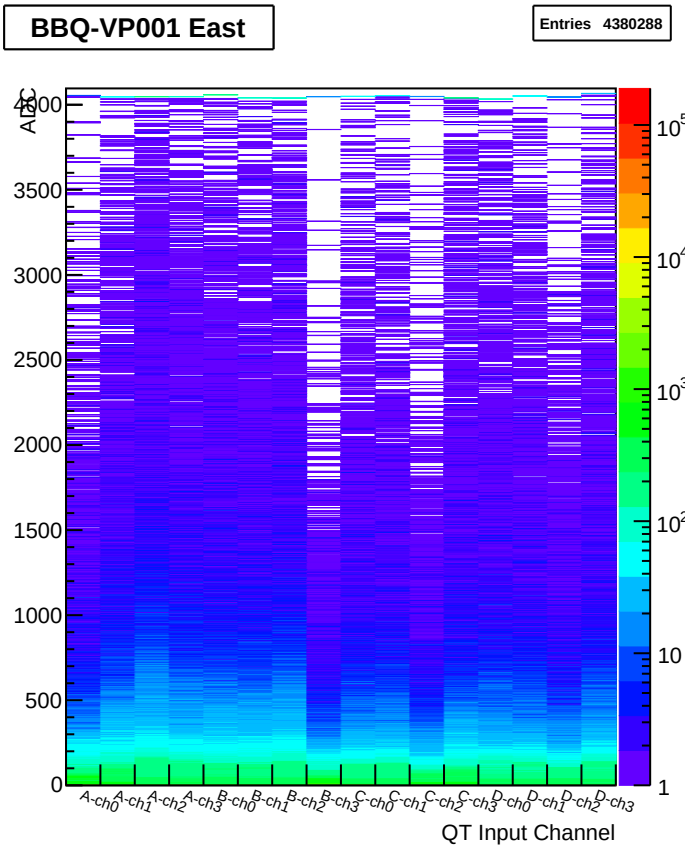

BBQ-BB001 (BBC east small tiles TAC)
Entries 4380288
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

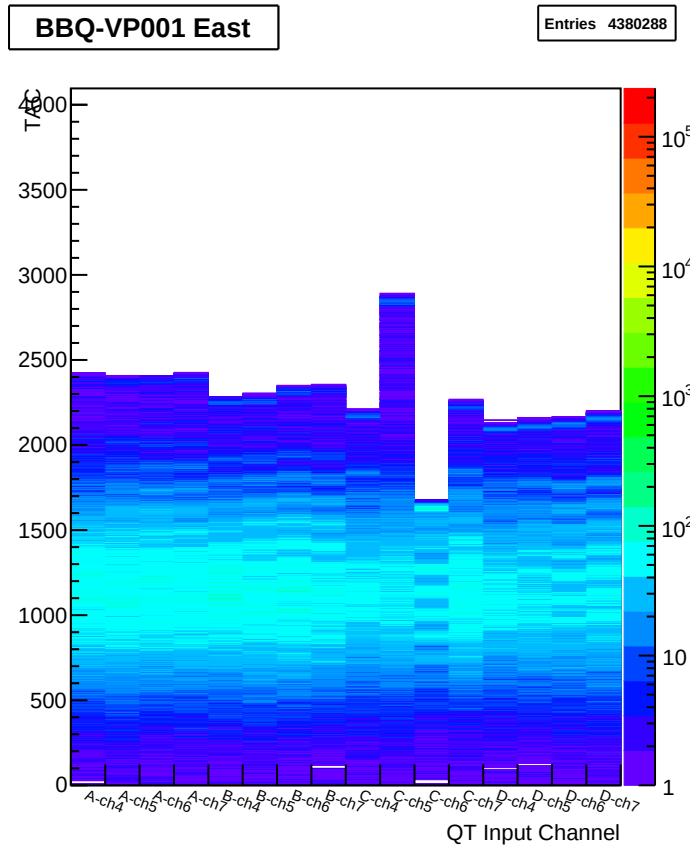

BBQ-BB002 (BBC west small tiles ADC)
Entries 4380288
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

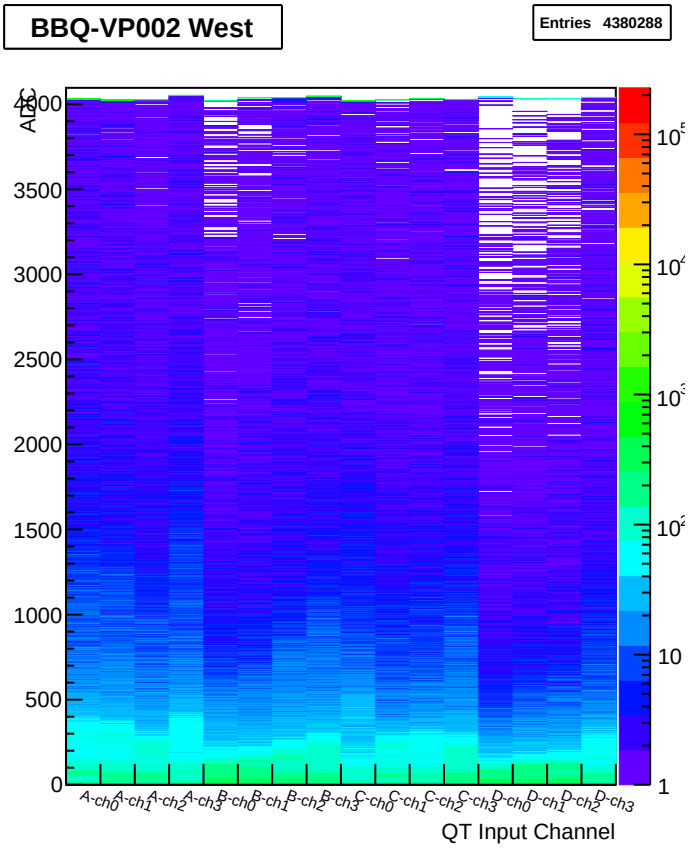

BBQ-BB002 (BBC west small tiles TAC)
Entries 4380288
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

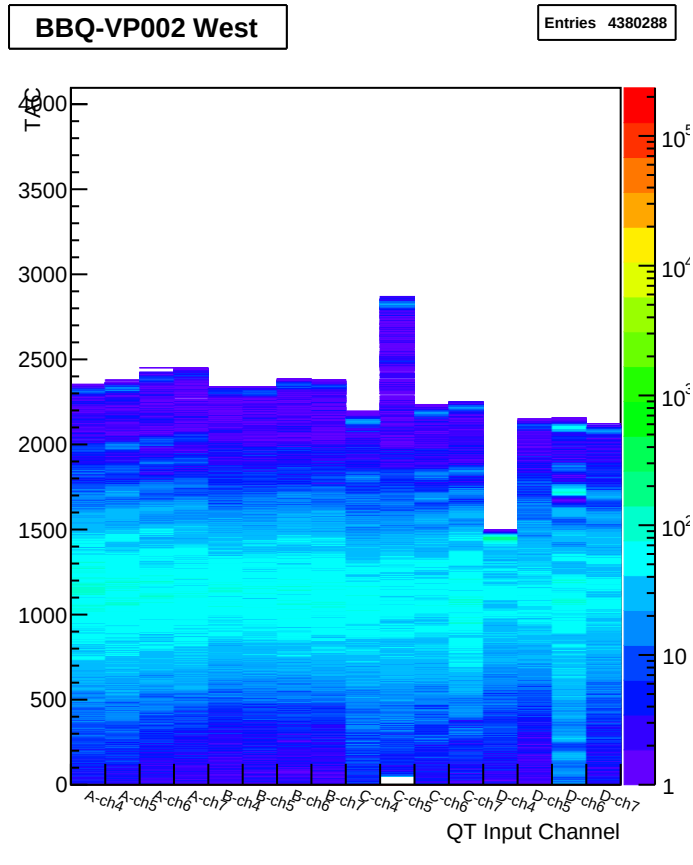

BBQ-ZD001 (ZDC TOWER)
Entries 4380288
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

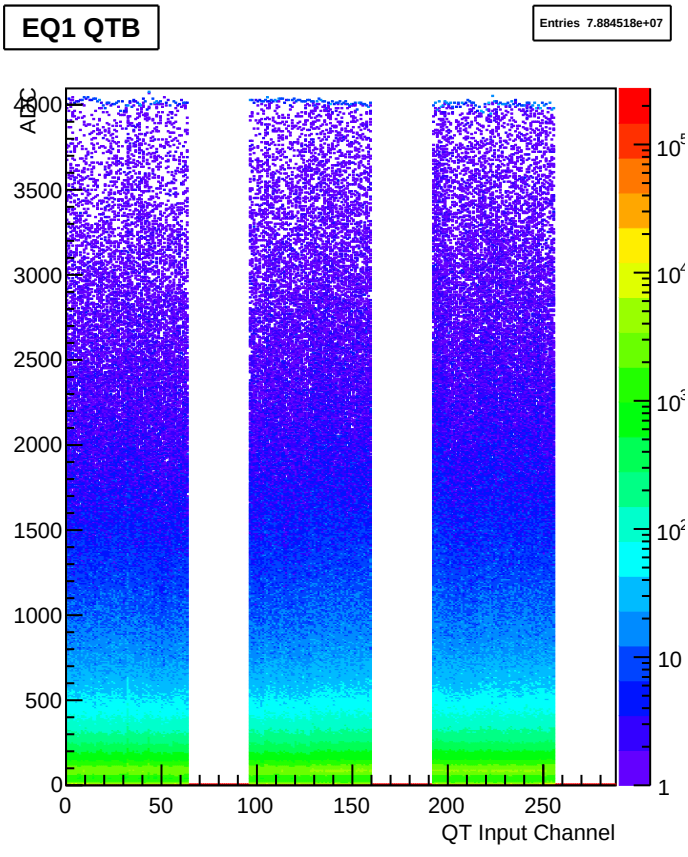

BBQ-ZD001 (ZDC TOWER)
Entries 4380288
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

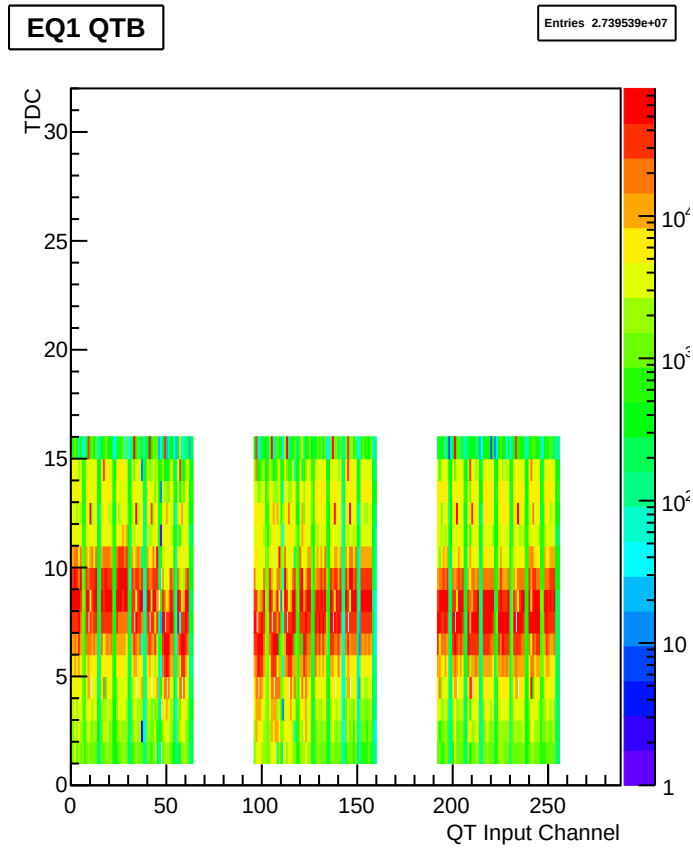

BBQ-VP001 East
Entries 4380288
ADC
QT Input Channel

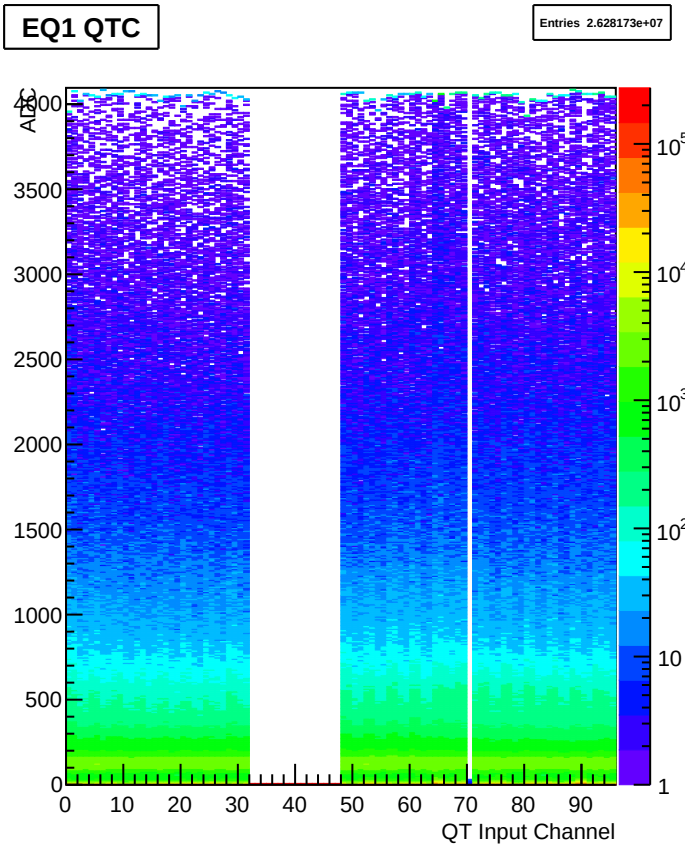

BBQ-VP001 East
Entries 4380288
ADC
QT Input Channel

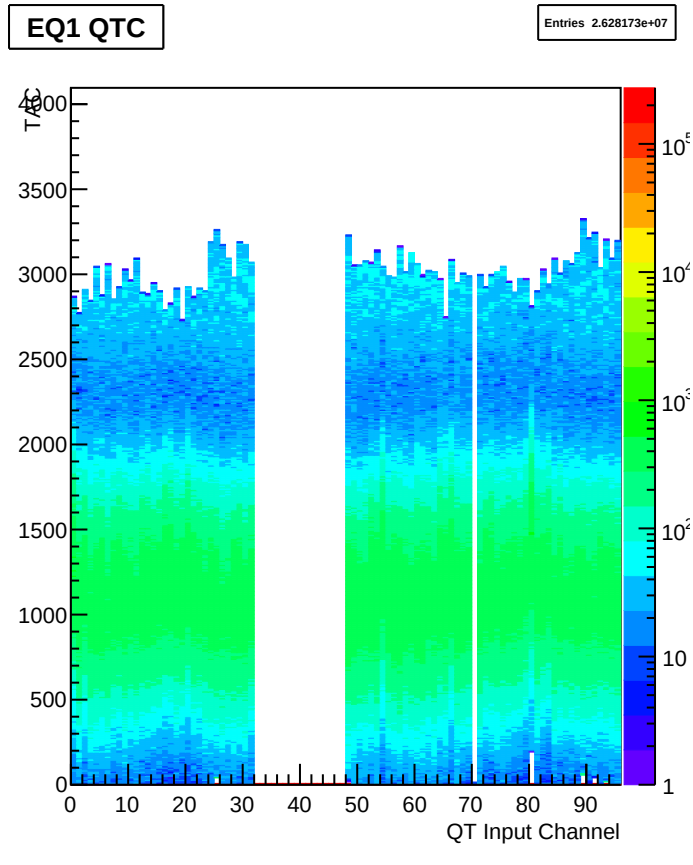

BBQ-VP002 West
Entries 4380288
ADC
QT Input Channel

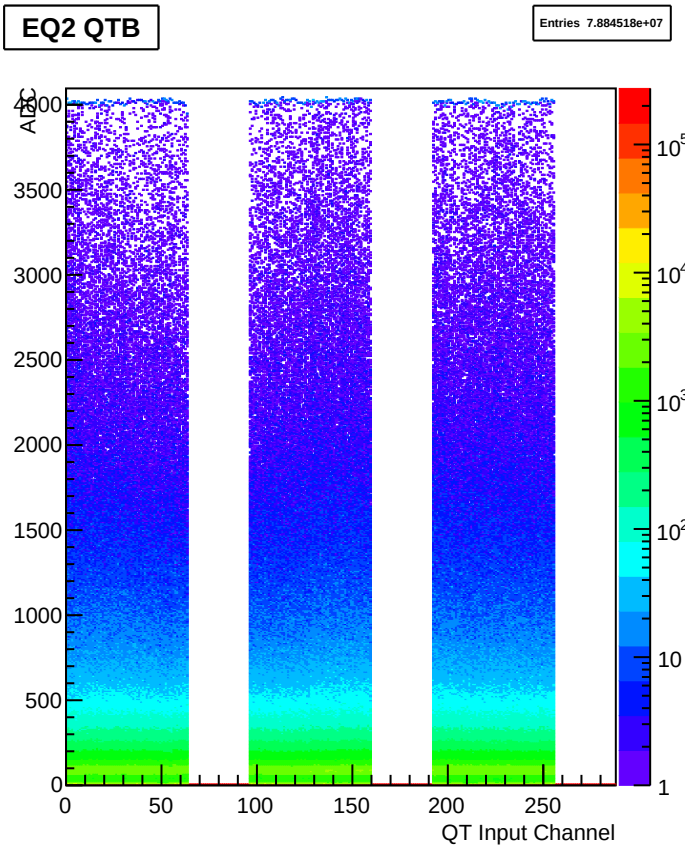

BBQ-VP002 West
Entries 4380288
ADC
QT Input Channel

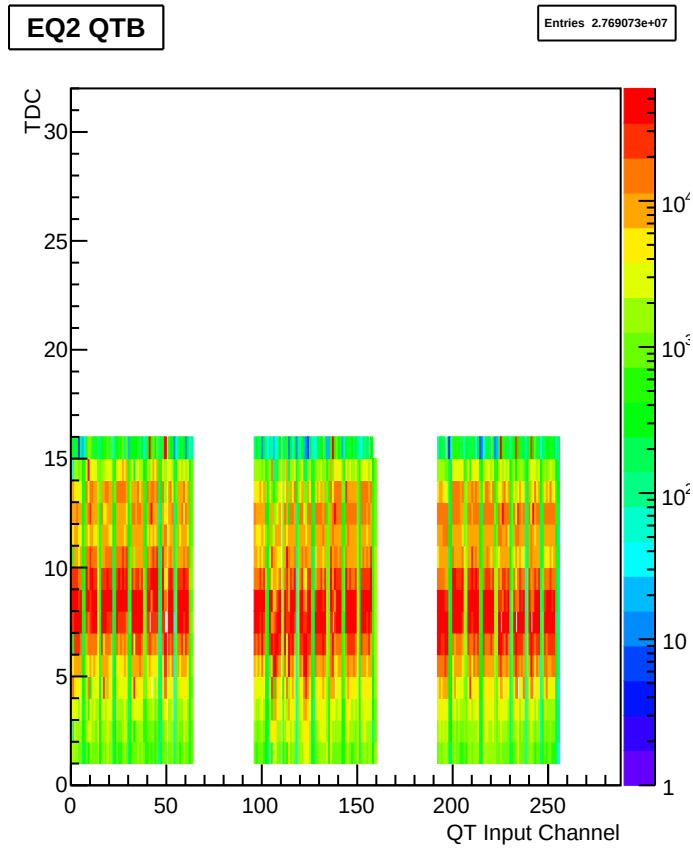

EQ1 QTB
Entries 7.884518e+07
ADC
QT Input Channel

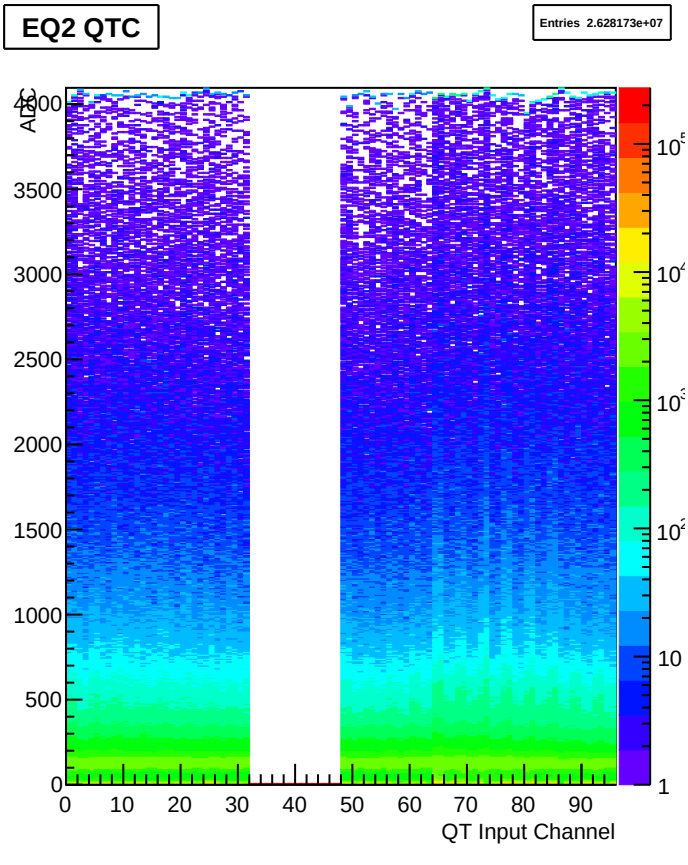

EQ1 QTB
Entries 2.739539e+07
TDC
QT Input Channel

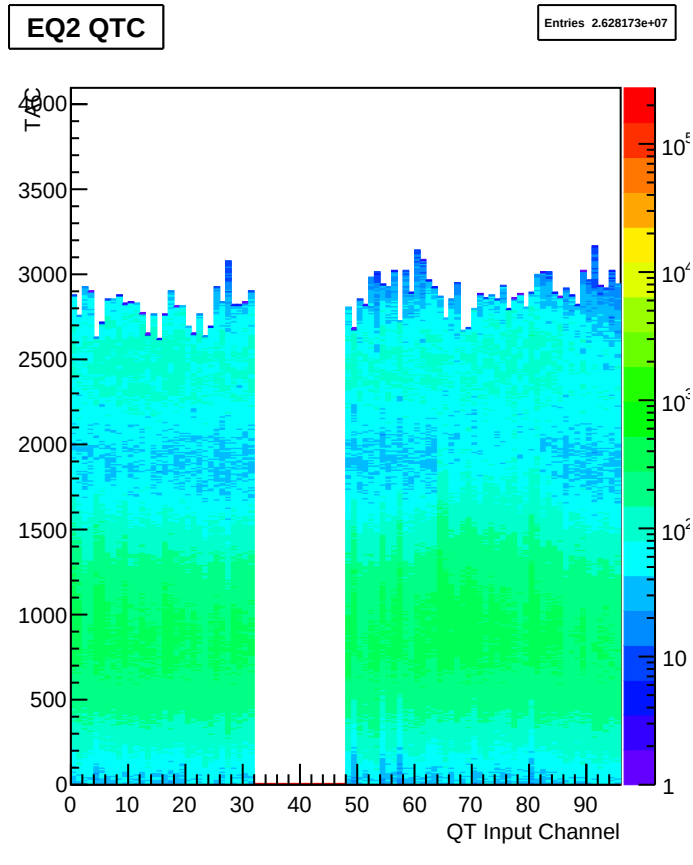

EQ1 QTC
Entries 2.628173e+07
ADC
QT Input Channel

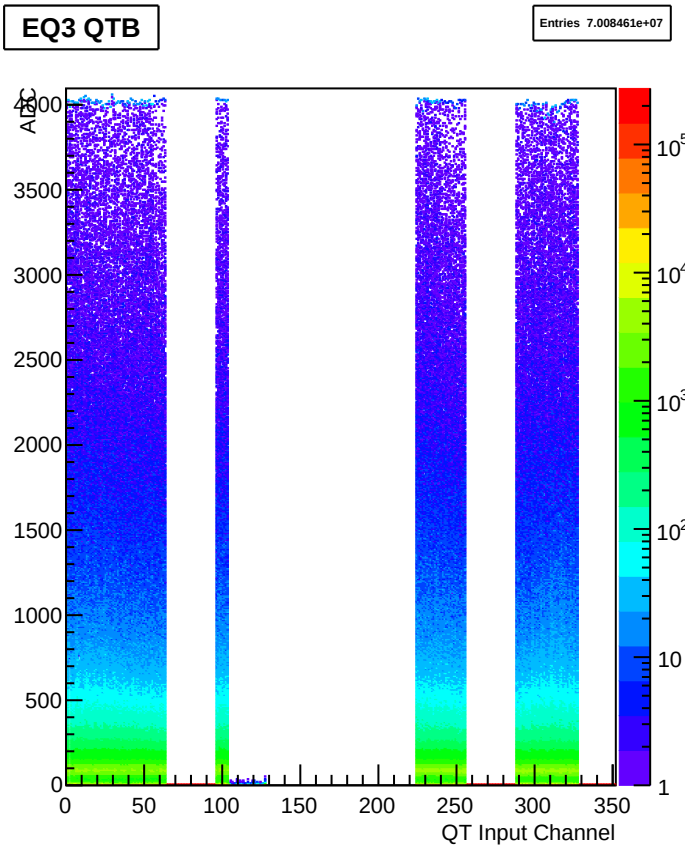

EQ1 QTC
Entries 2.628173e+07
TADC
QT Input Channel

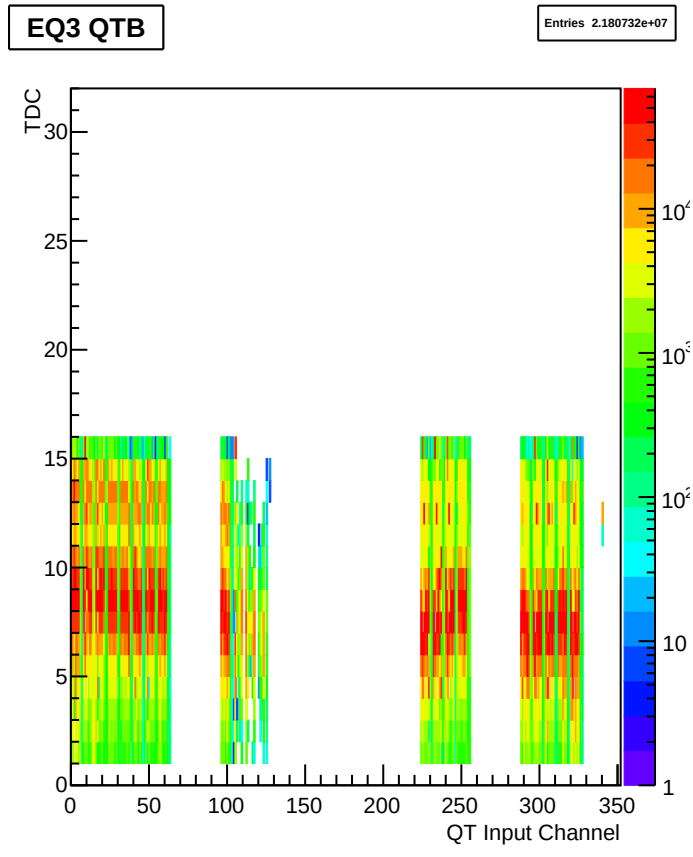

EQ2 QTB
Entries 7.884518e+07
ADC
QT Input Channel

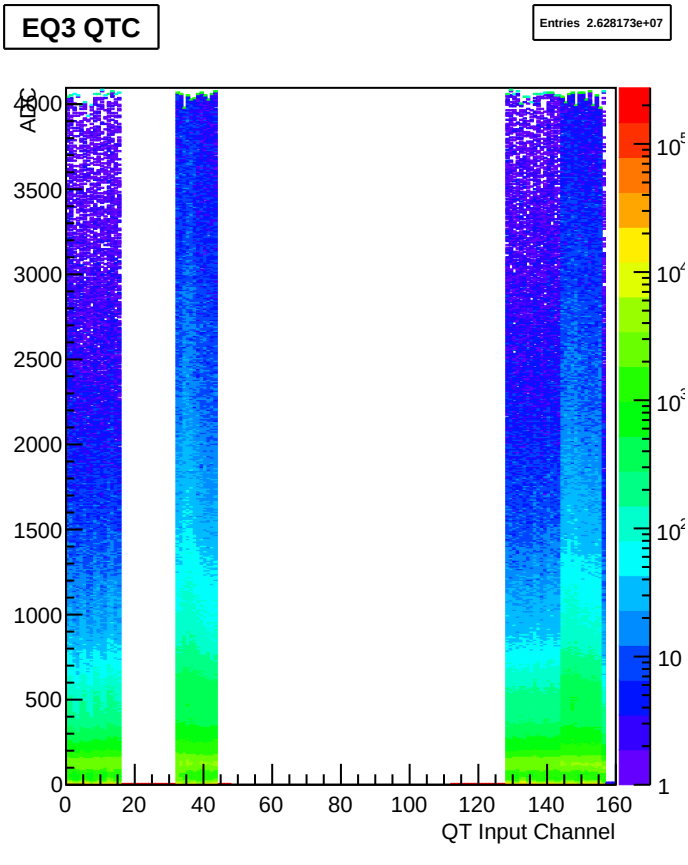

EQ2 QTB
Entries 2.769073e+07
TDC
QT Input Channel

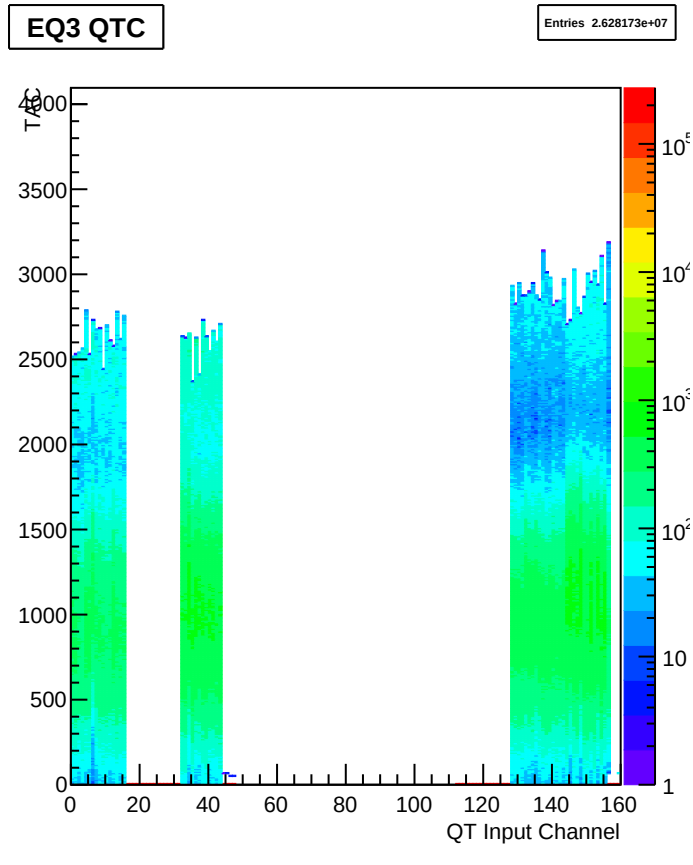

EQ2 QTC
Entries 2.628173e+07
ADC
QT Input Channel

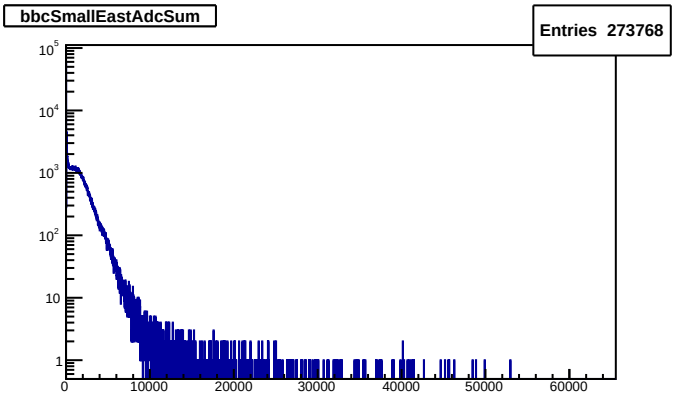

EQ2 QTC
Entries 2.628173e+07
TADC
QT Input Channel

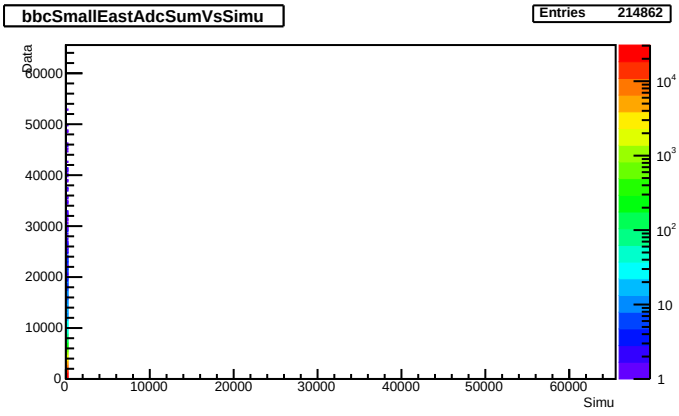

EQ3 QTB
Entries 7.008461e+07
ADC
QT Input Channel

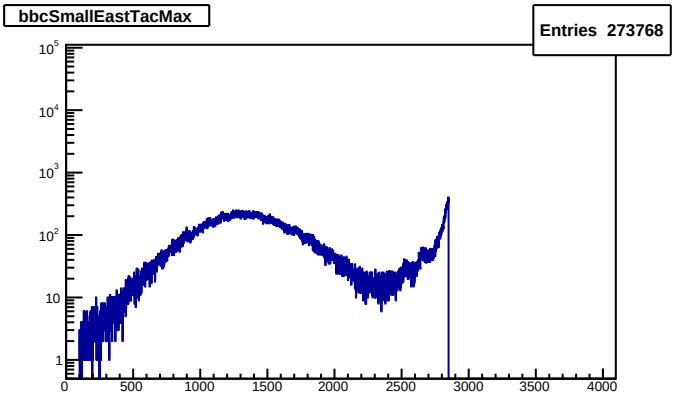

EQ3 QTB
Entries 2.180732e+07
TDC
QT Input Channel

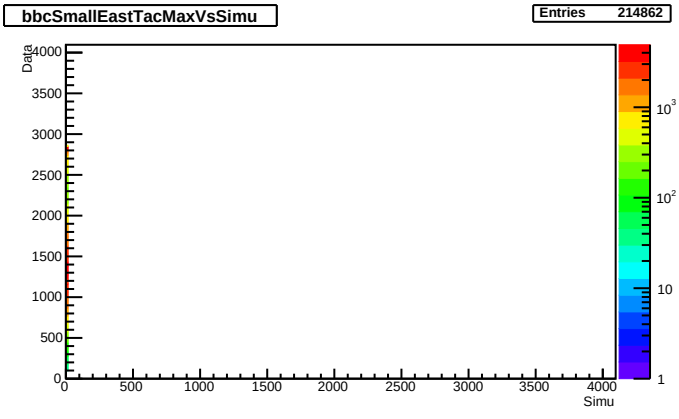

EQ3 QTC
Entries 2.628173e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.628173e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 273768


bbcSmallEastAdcSumVsSimu
Entries 214862
Data
Simu


bbcSmallEastTacMax
Entries 273768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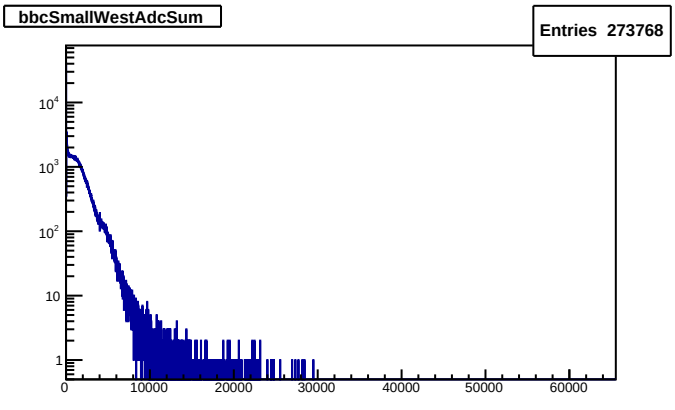
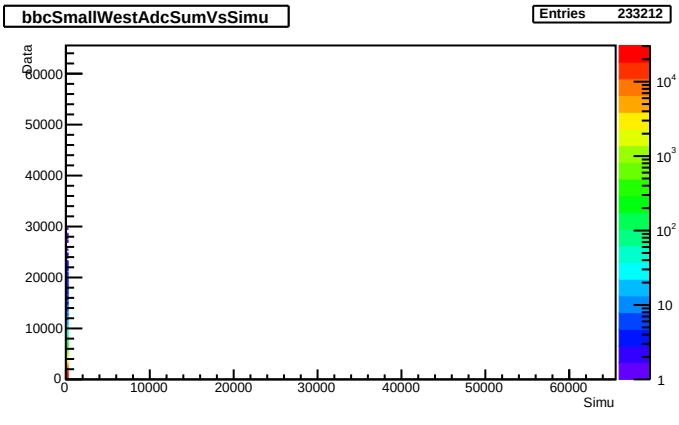
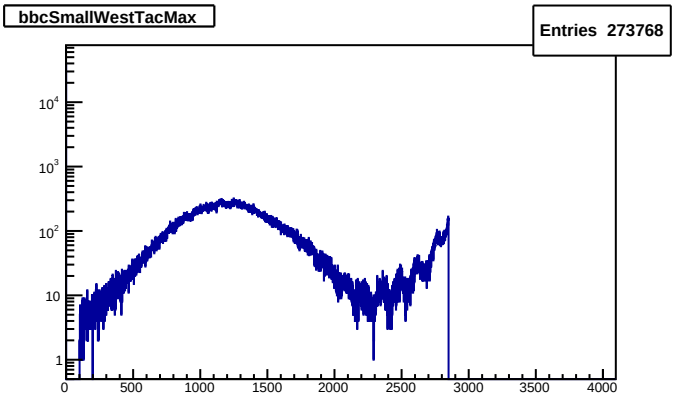
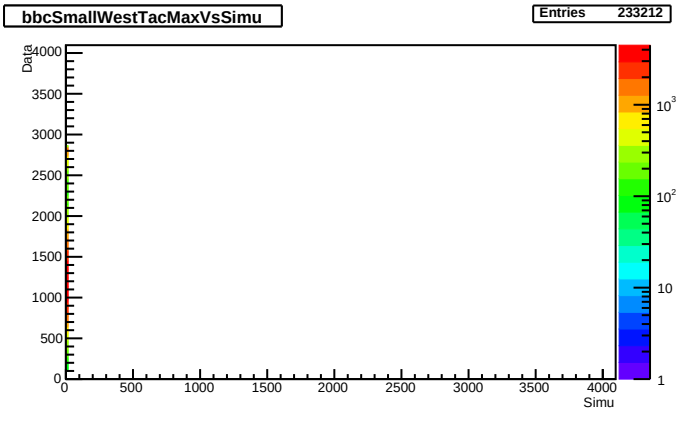
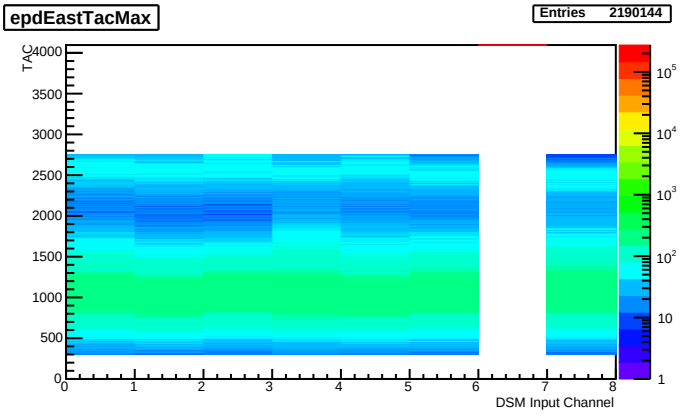
Entries 214862
Data
Simu

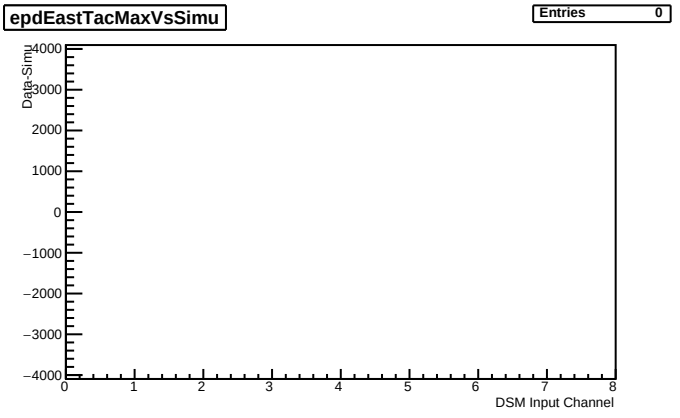

bbcSmallWestAdcSum
Entries 273768

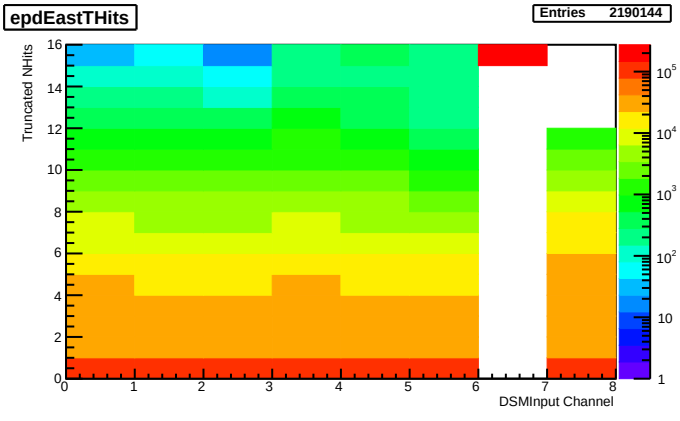

bbcSmallWestAdcSumVsSimu
Entries 233212
Data
Simu

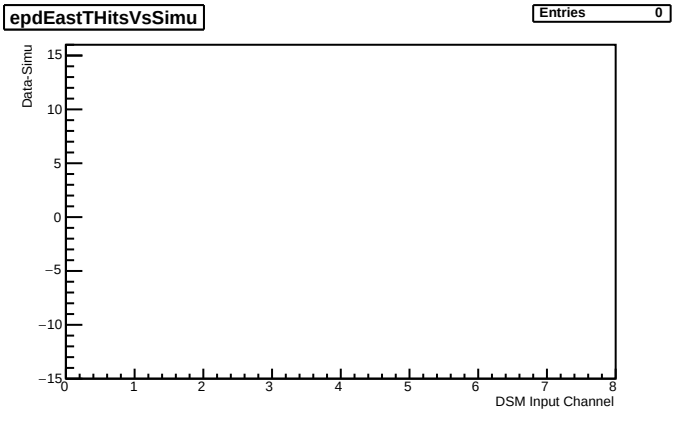

bbcSmallWestTacMax
Entries 273768

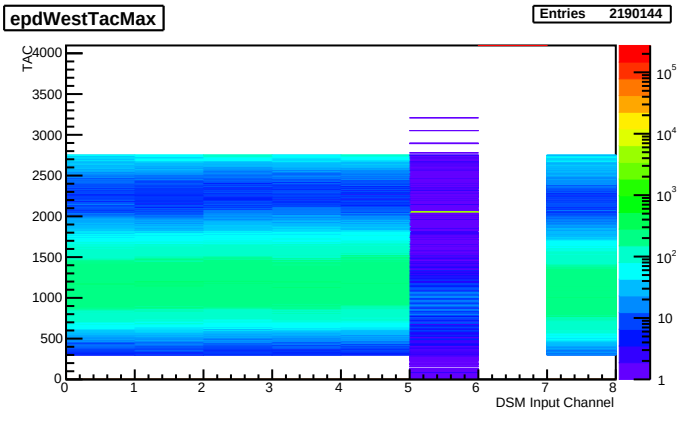

bbcSmallWestTacMaxVsSimu
Entries 233212
Data
Simu


epdEastTacMax
Entries 2190144
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2190144
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel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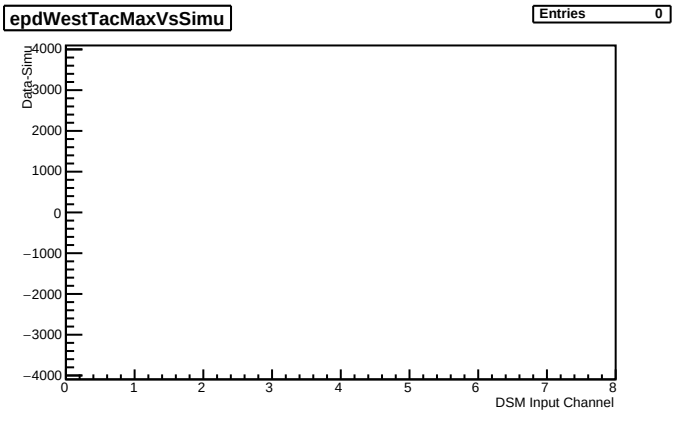
Entries 2190144
TAC
DSM Input Channel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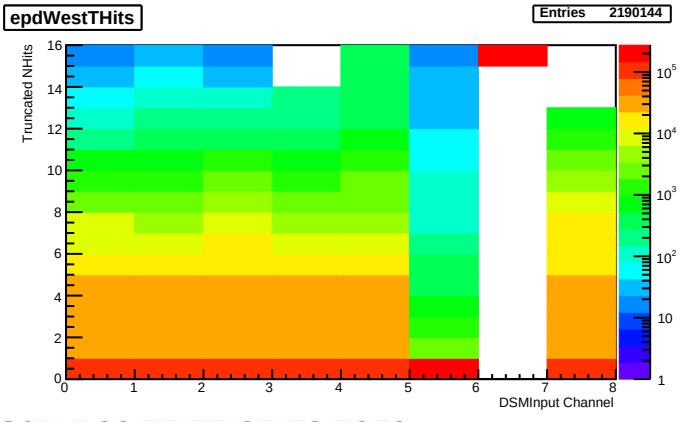
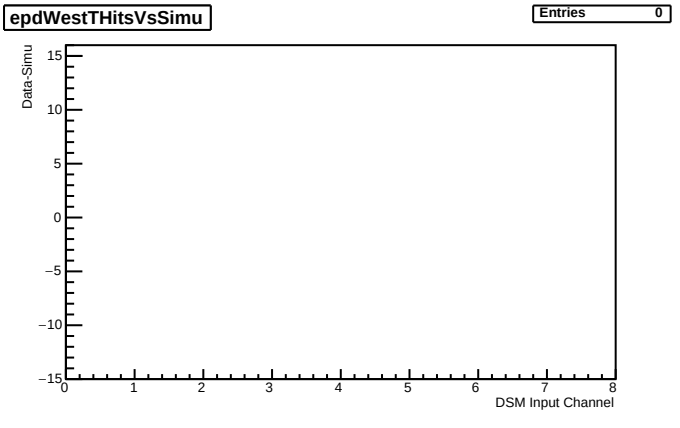
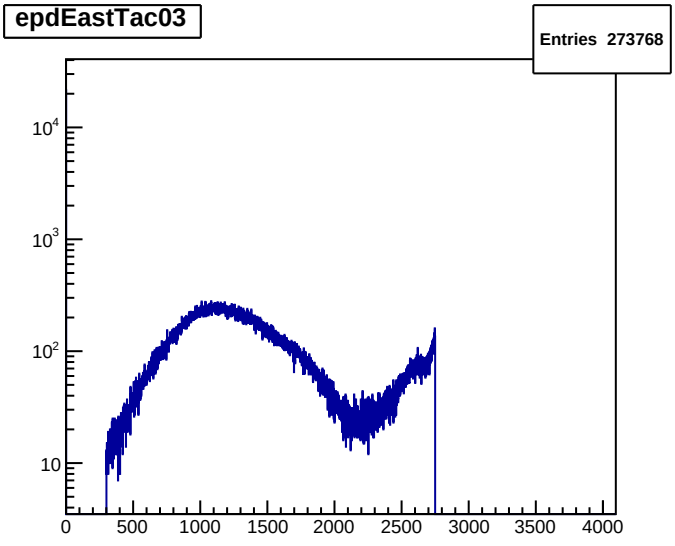
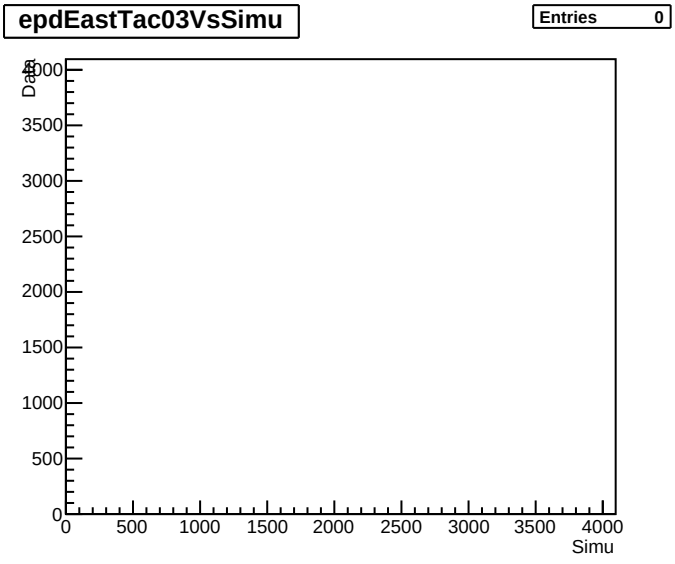
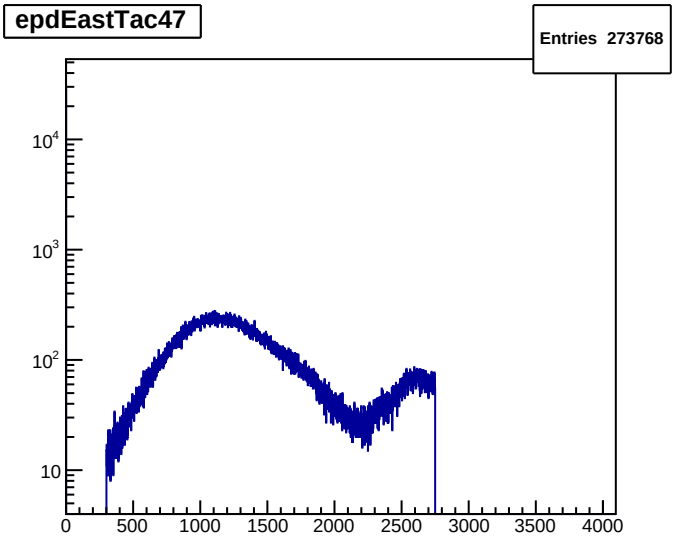
Entries 0
Data-Simu
DSM Input Channel

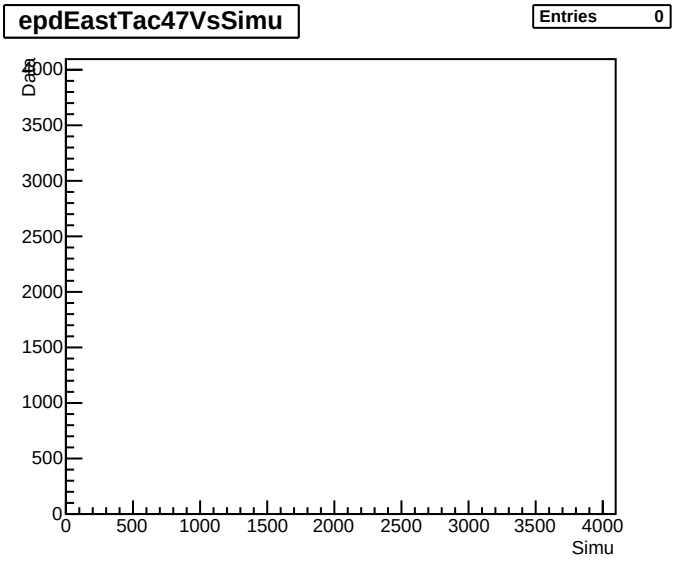

epdWestTHits
Entries 2190144
Truncated NHits
DSMInput Channel

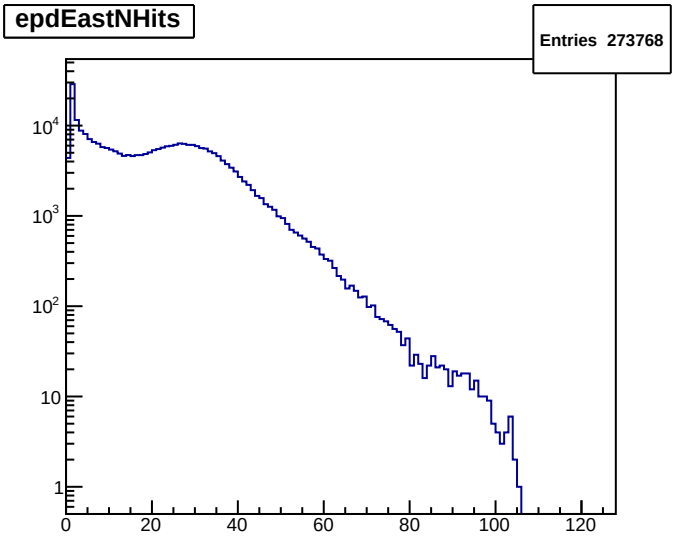

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

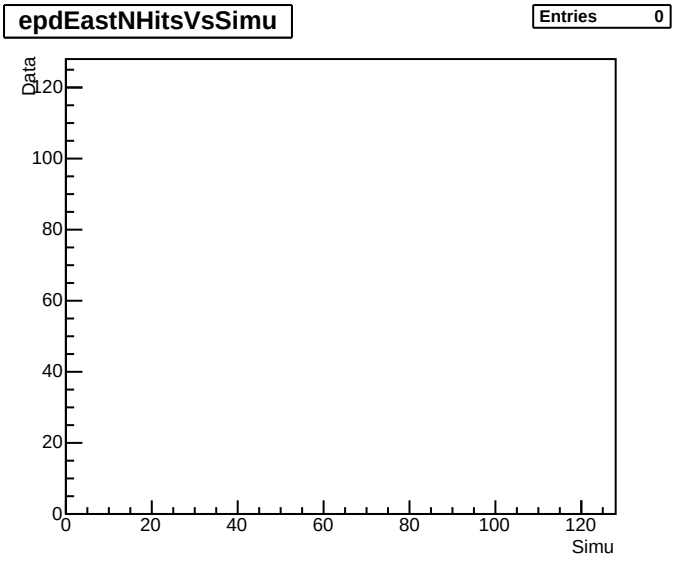

epdEastTac03
Entries 273768


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 273768


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 273768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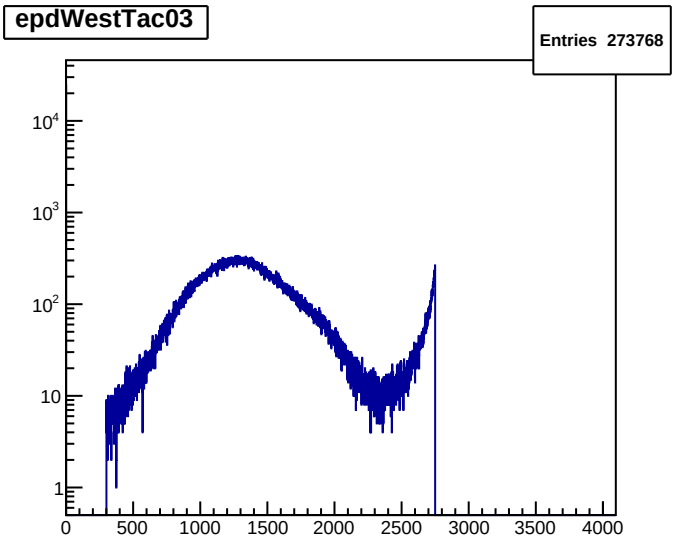
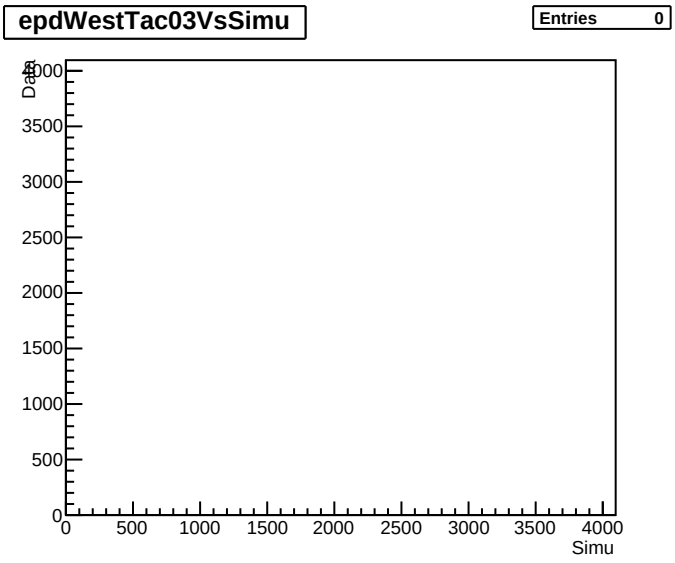
Entries 0
Data
Simu


epdWestTac03
Entries 273768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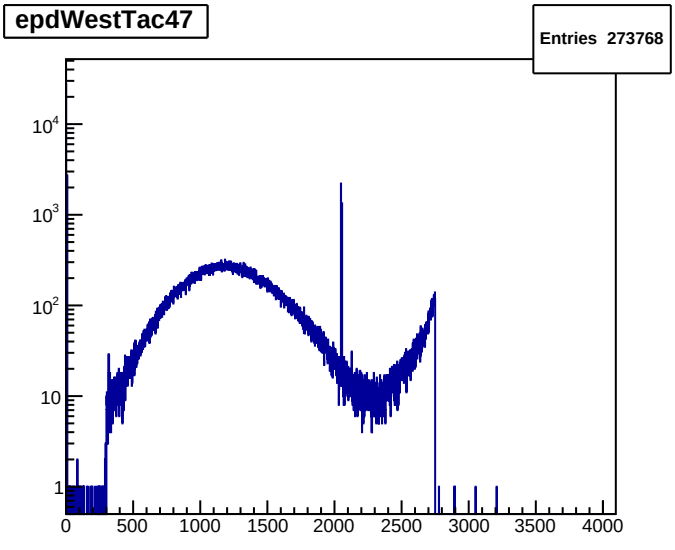
Entries 0
Data
Simu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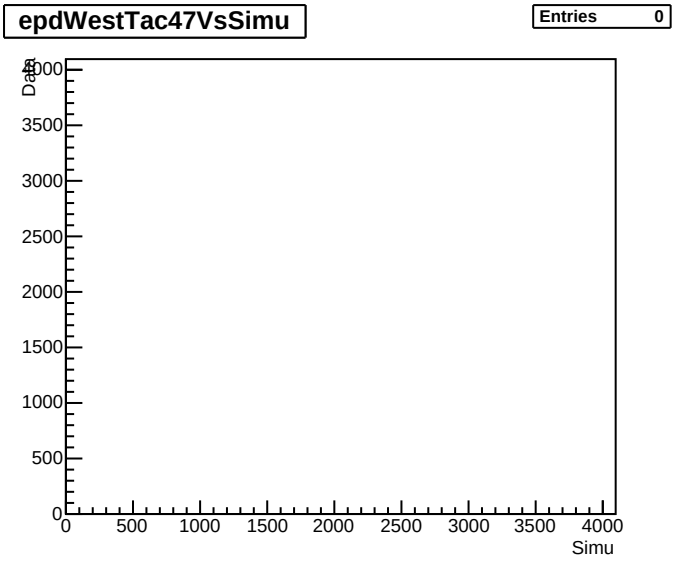
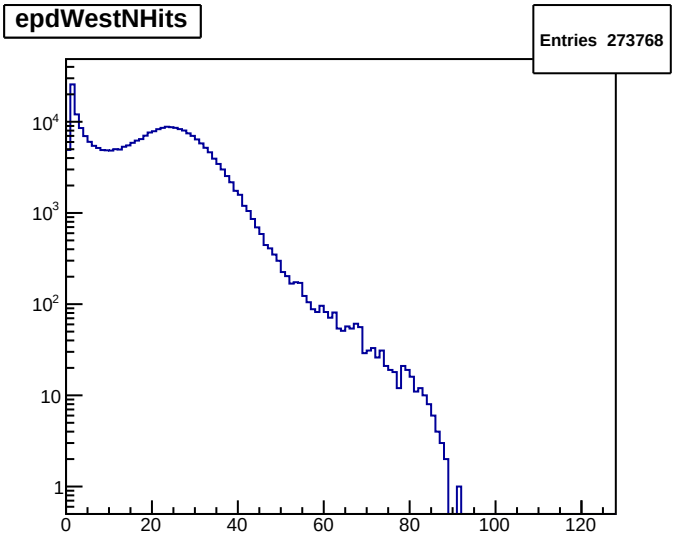
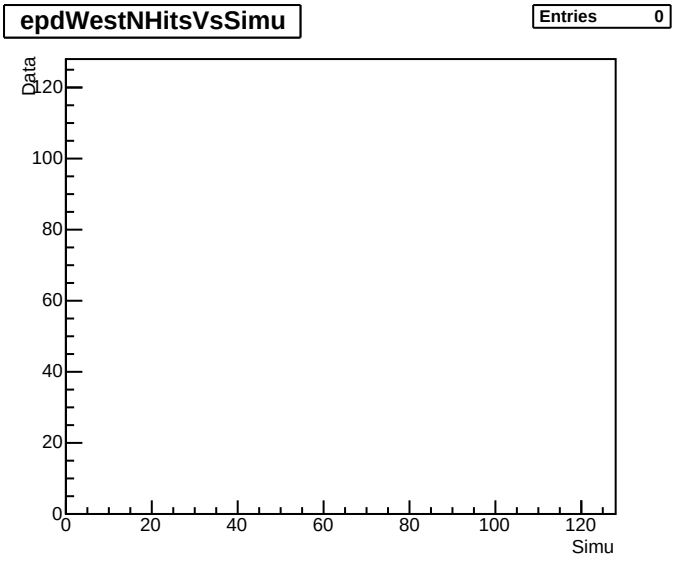
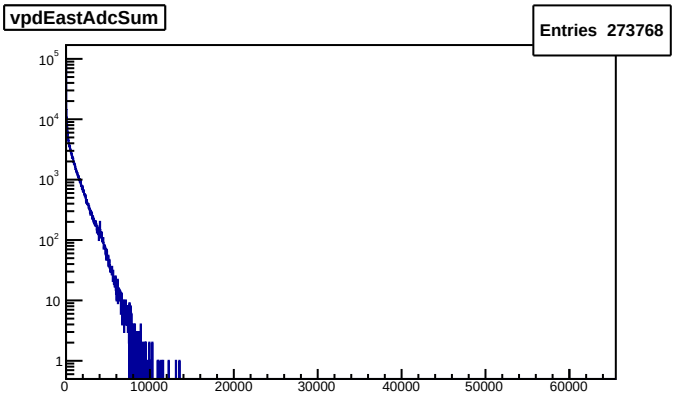
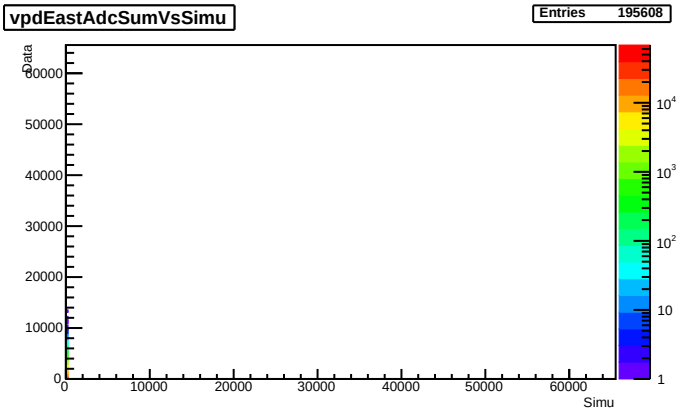
Entries 273768

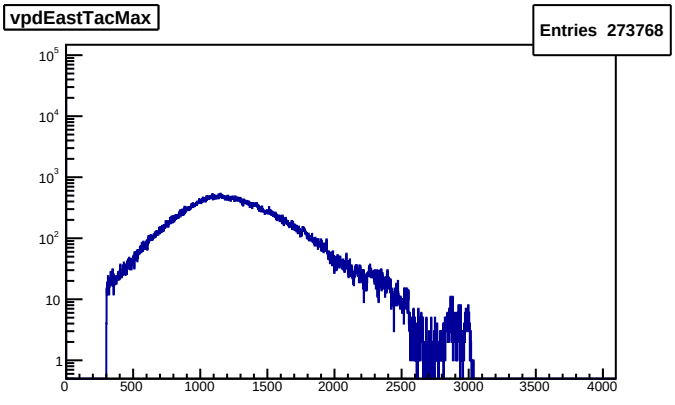

epdWestTac47VsSimu
Entries 0
Data
Simu

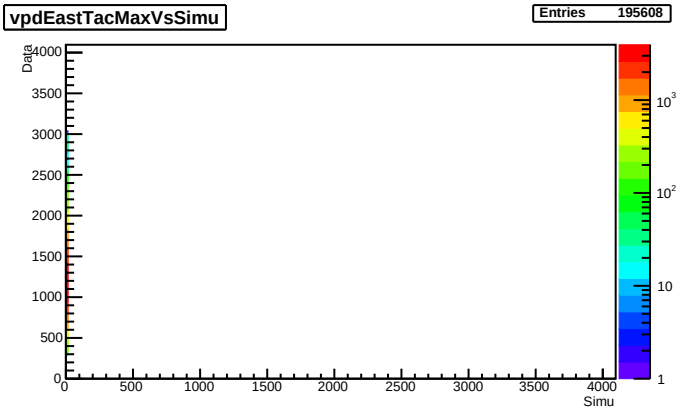

epdWestNHits
Entries 273768

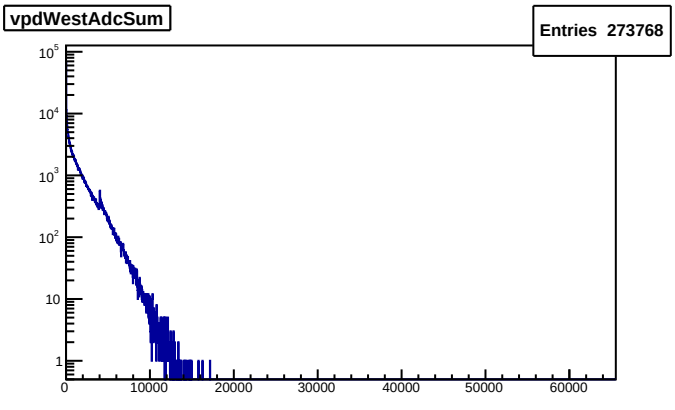

epdWestNHitsVsSimu
Entries 0
Data
Simu

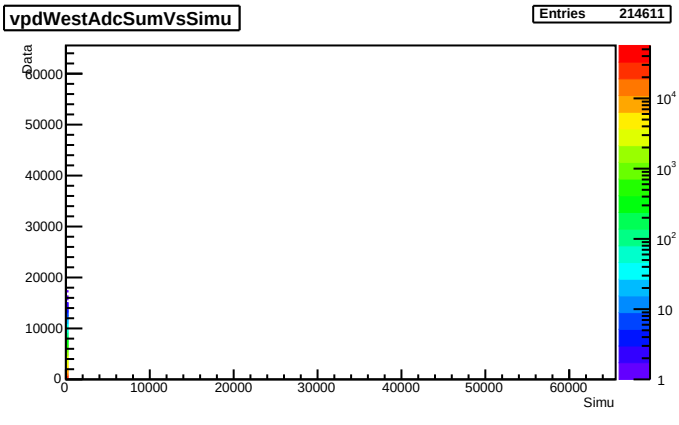

vpdEastAdcSum
Entries 273768

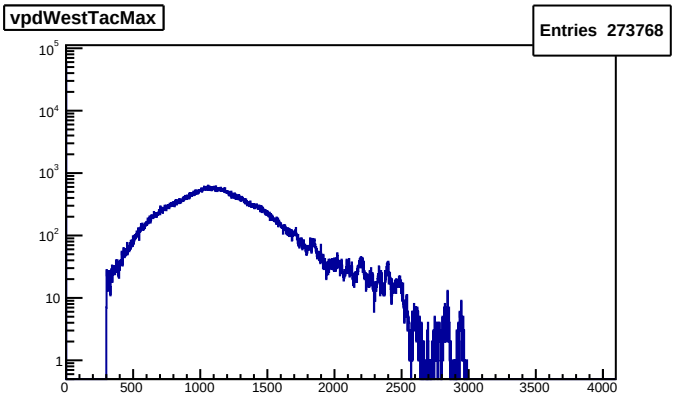

vpdEastAdcSumVsSimu
Entries 195608
Data
Simu

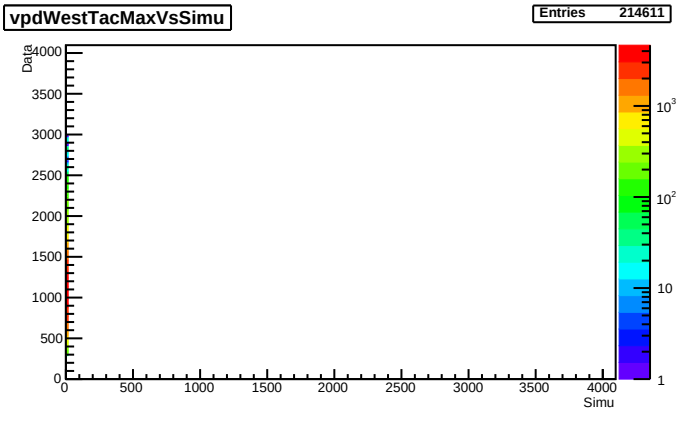

vpdEastTacMax
Entries 273768

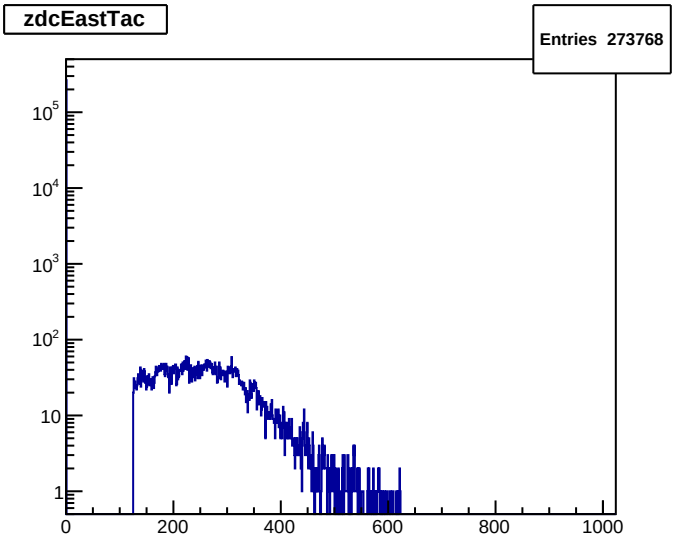

vpdEastTacMaxVsSimu
Entries 195608
Data
Simu

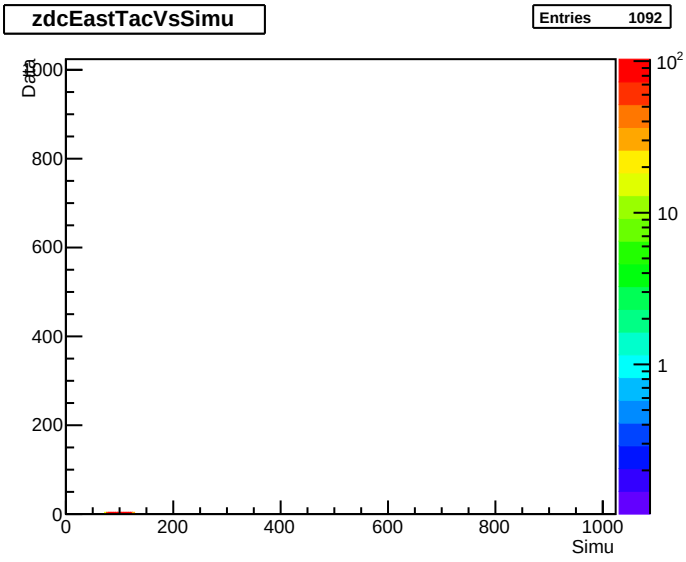

vpdWestAdcSum
Entries 273768

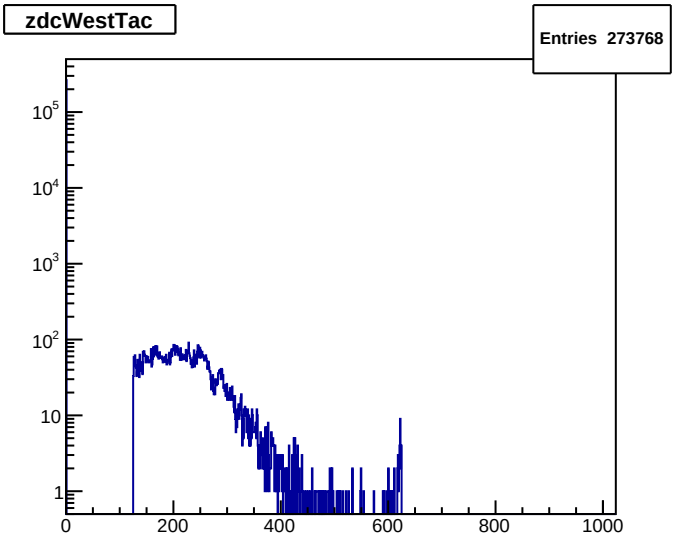

vpdWestAdcSumVsSimu
Entries 214611
Data
Simu

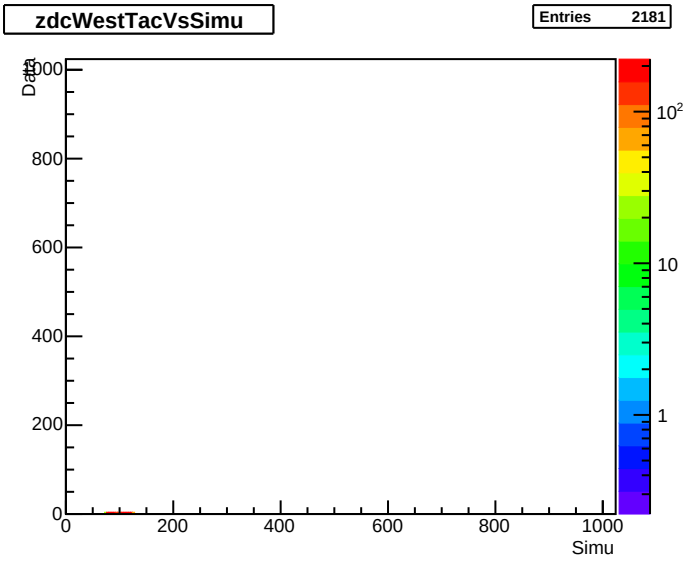

vpdWestTacMax
Entries 273768

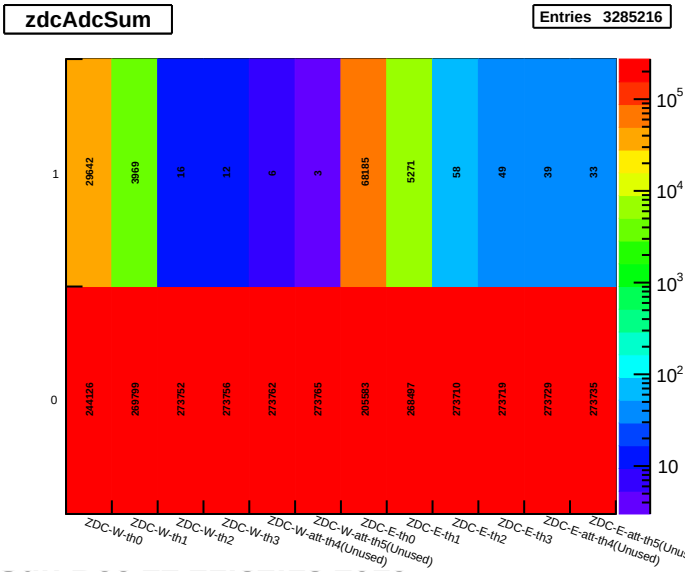

vpdWestTacMaxVsSimu
Entries 214611
Data
Simu

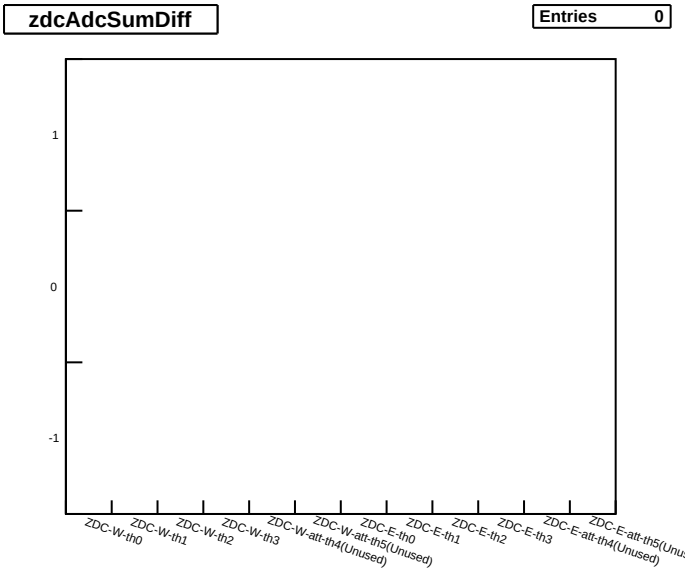

zdcEastTac
Entries 273768

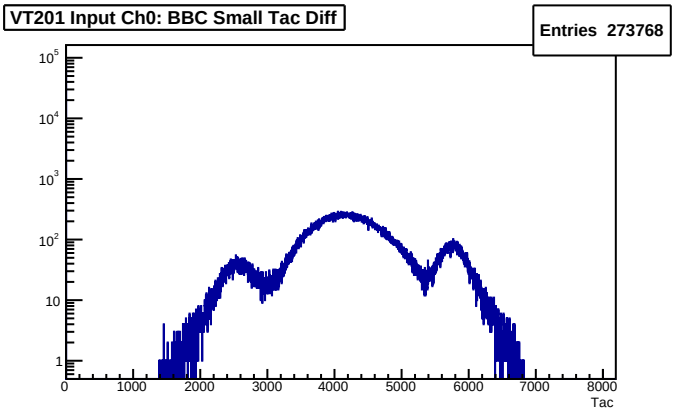

zdcEastTacVsSimu
Entries 1092
Data
Simu

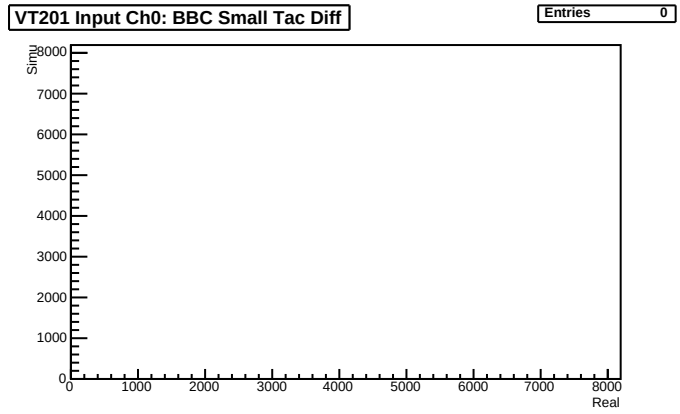

zdcWestTac
Entries 273768

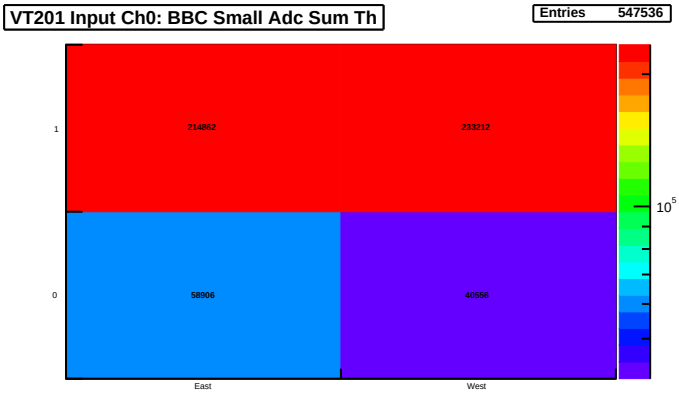

zdcWestTacVsSimu
Entries 2181
Data
Simu

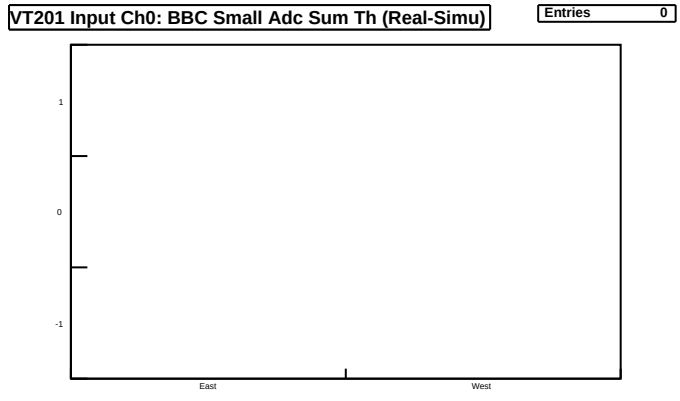

zdcAdcSum
Entries 3285216
29642
3969
16
12
6
3
68185
5271
58
49
39
33
244126
269799
273752
273756
273762
273765
205583
268497
273710
273719
273729
273735
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

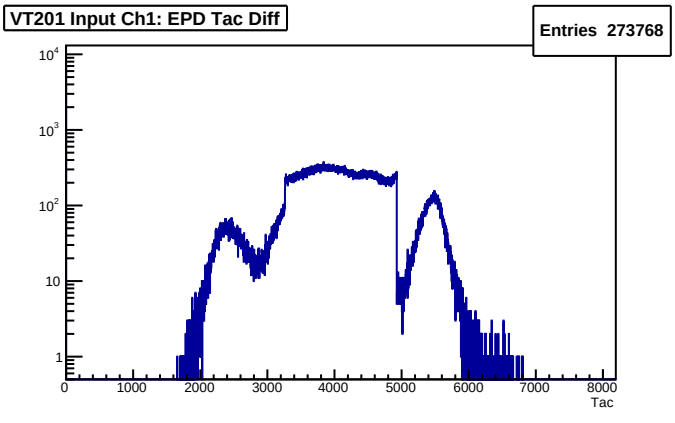

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

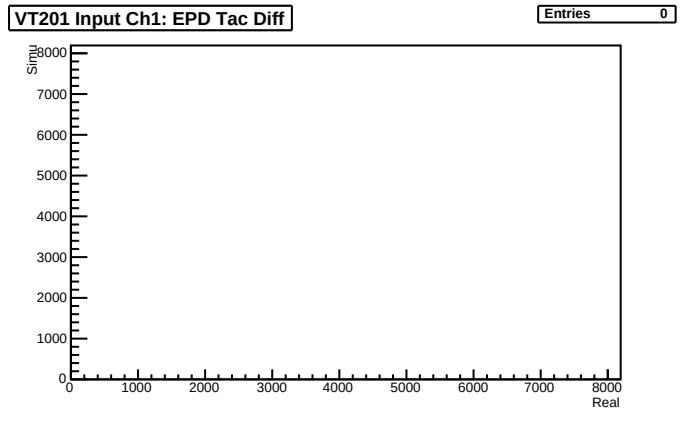

VT201 Input Ch0: BBC Small Tac Diff
Entries 273768
Tac

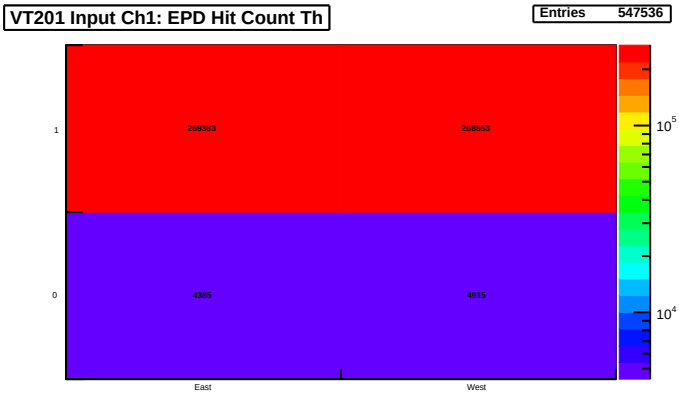

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

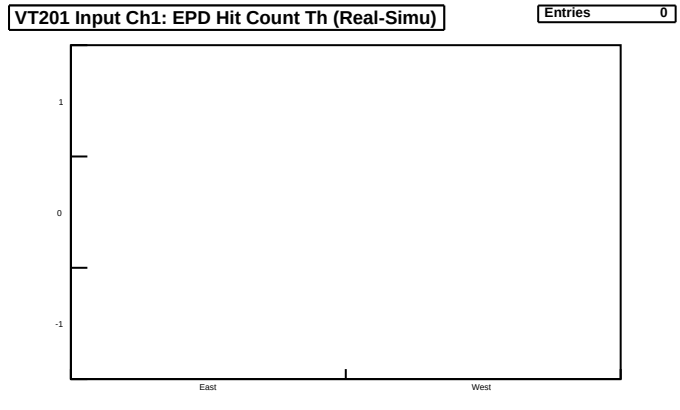

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 547536
214862
233212
58906
40556
East
West

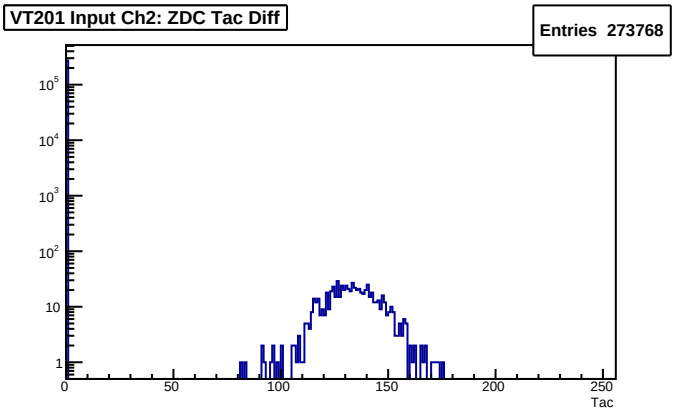

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

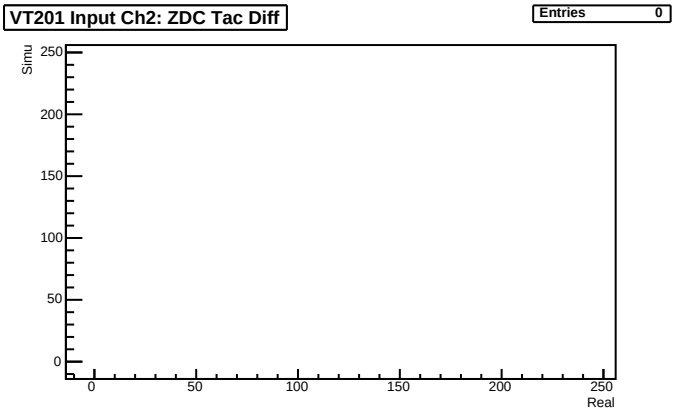

VT201 Input Ch1: EPD Tac Diff
Entries 273768
Tac

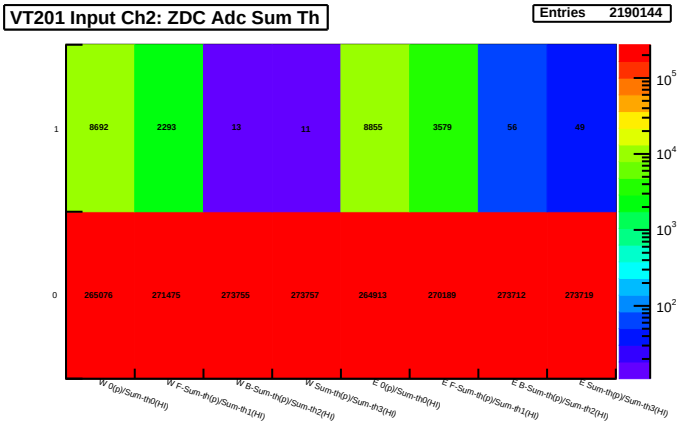

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

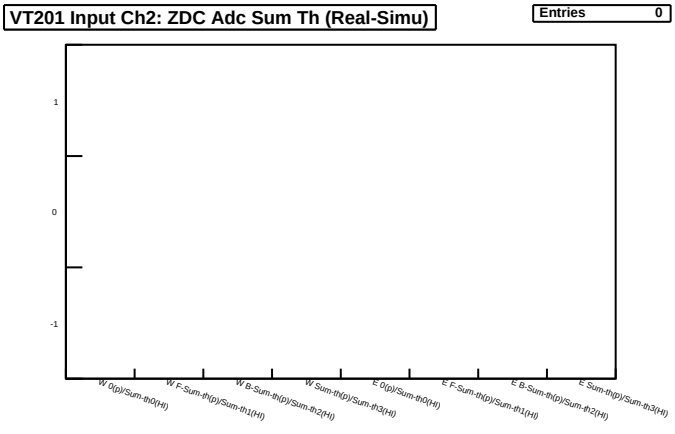

VT201 Input Ch1: EPD Hit Count Th
Entries 547536
269383
268853
4385
4915
East
West

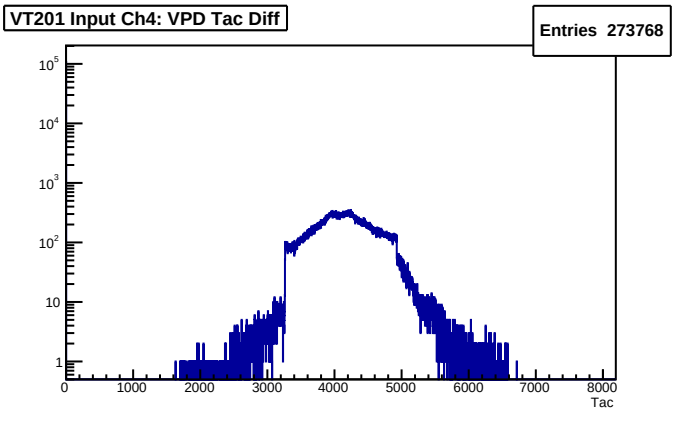

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

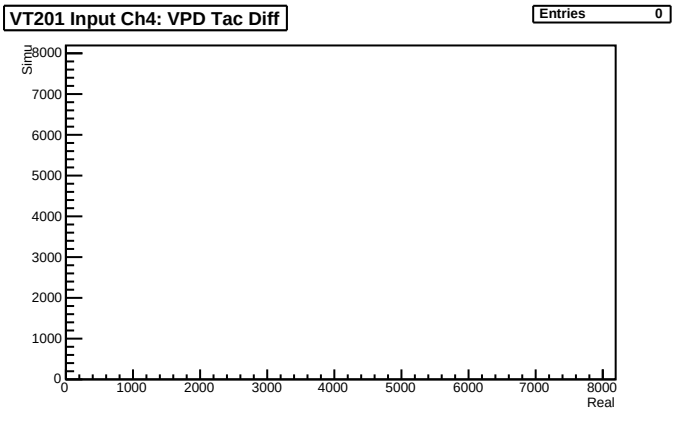

VT201 Input Ch2: ZDC Tac Diff
Entries 273768
Tac

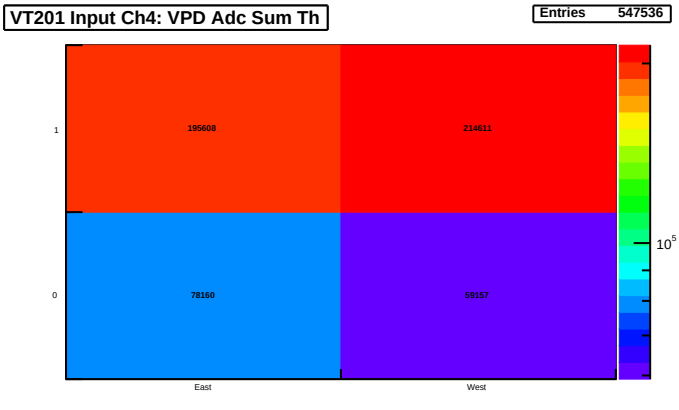

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

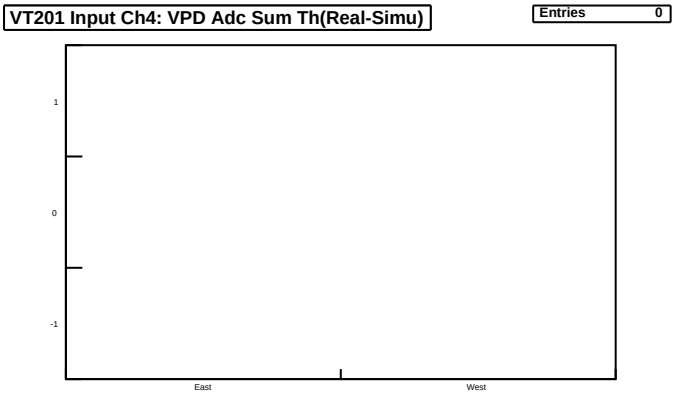

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2190144
8692
2293
13
11
8855
3579
56
49
265076
271475
273755
273757
264913
270189
273712
273719
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

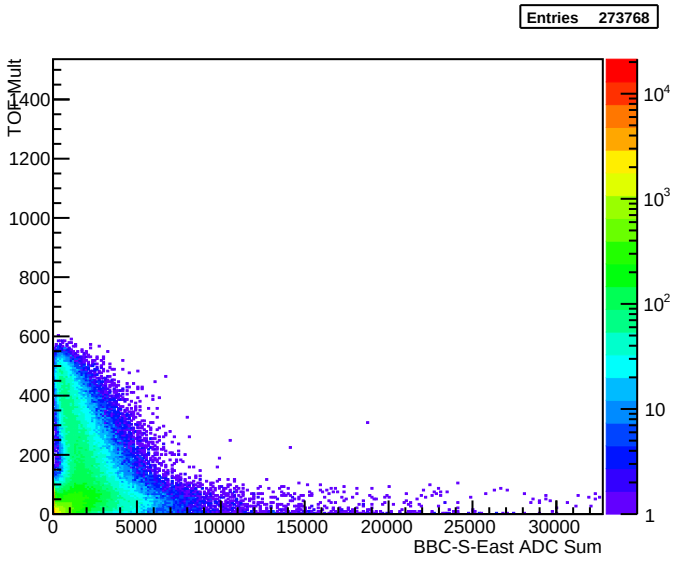

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

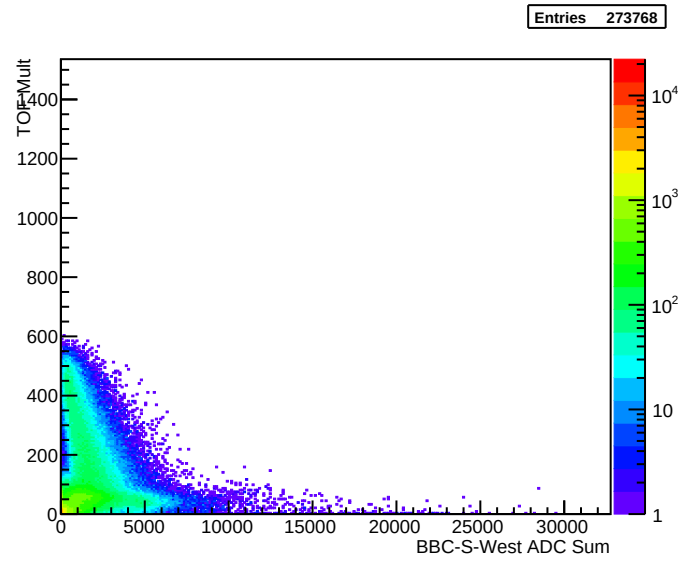

VT201 Input Ch4: VPD Tac Diff
Entries 273768
Tac

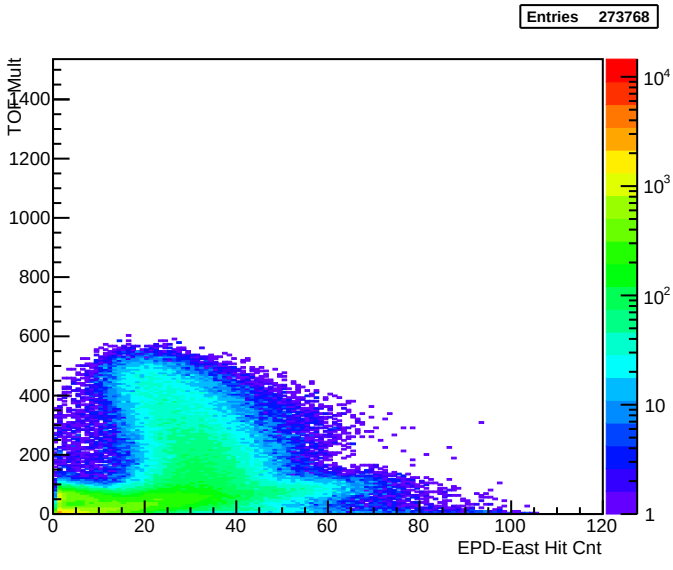

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

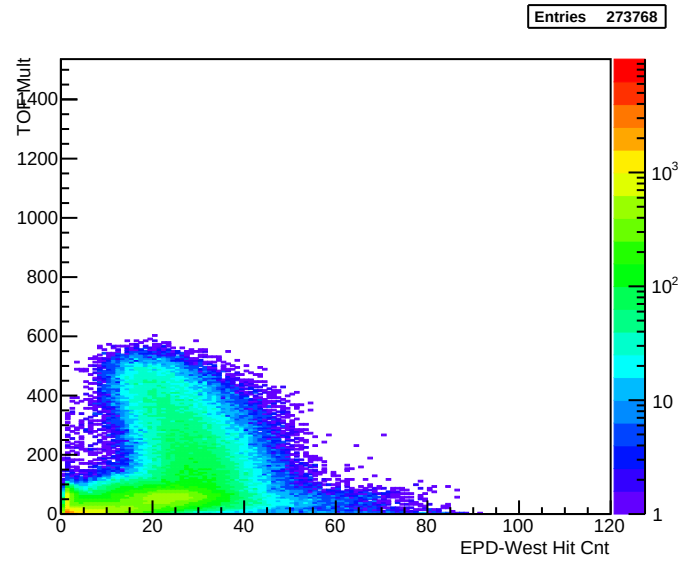

VT201 Input Ch4: VPD Adc Sum Th
Entries 547536
195608
214611
78160
59157
East
West

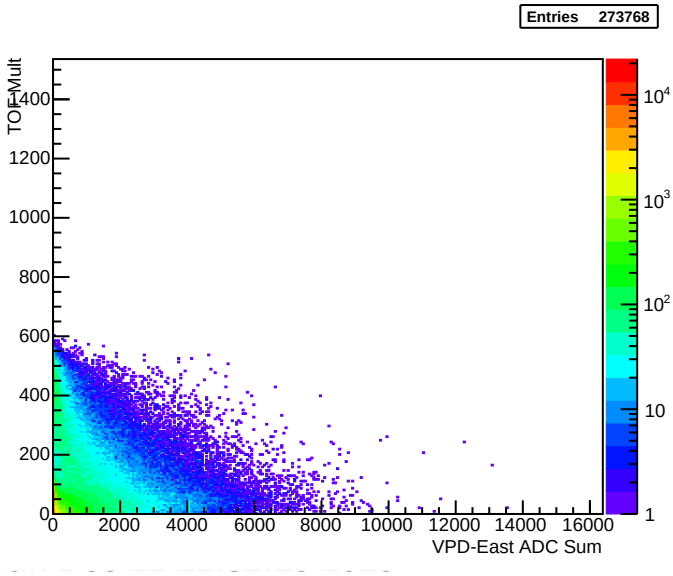

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

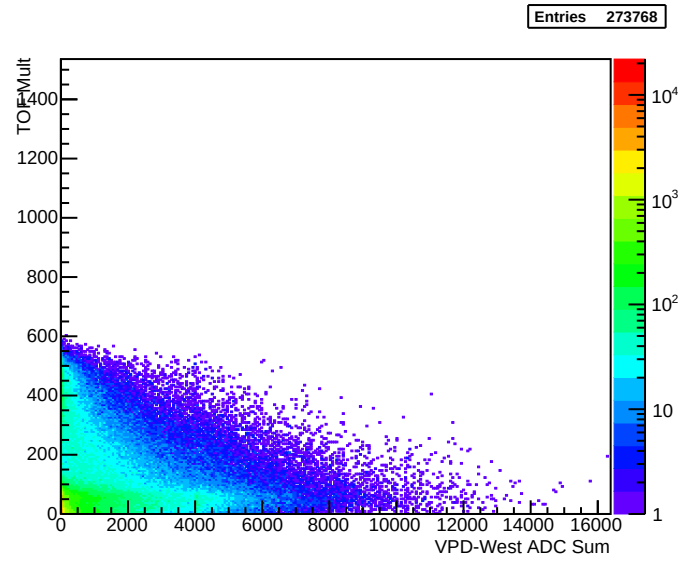

Entries 273768
TOF-Mult
BBC-S-East ADC Sum

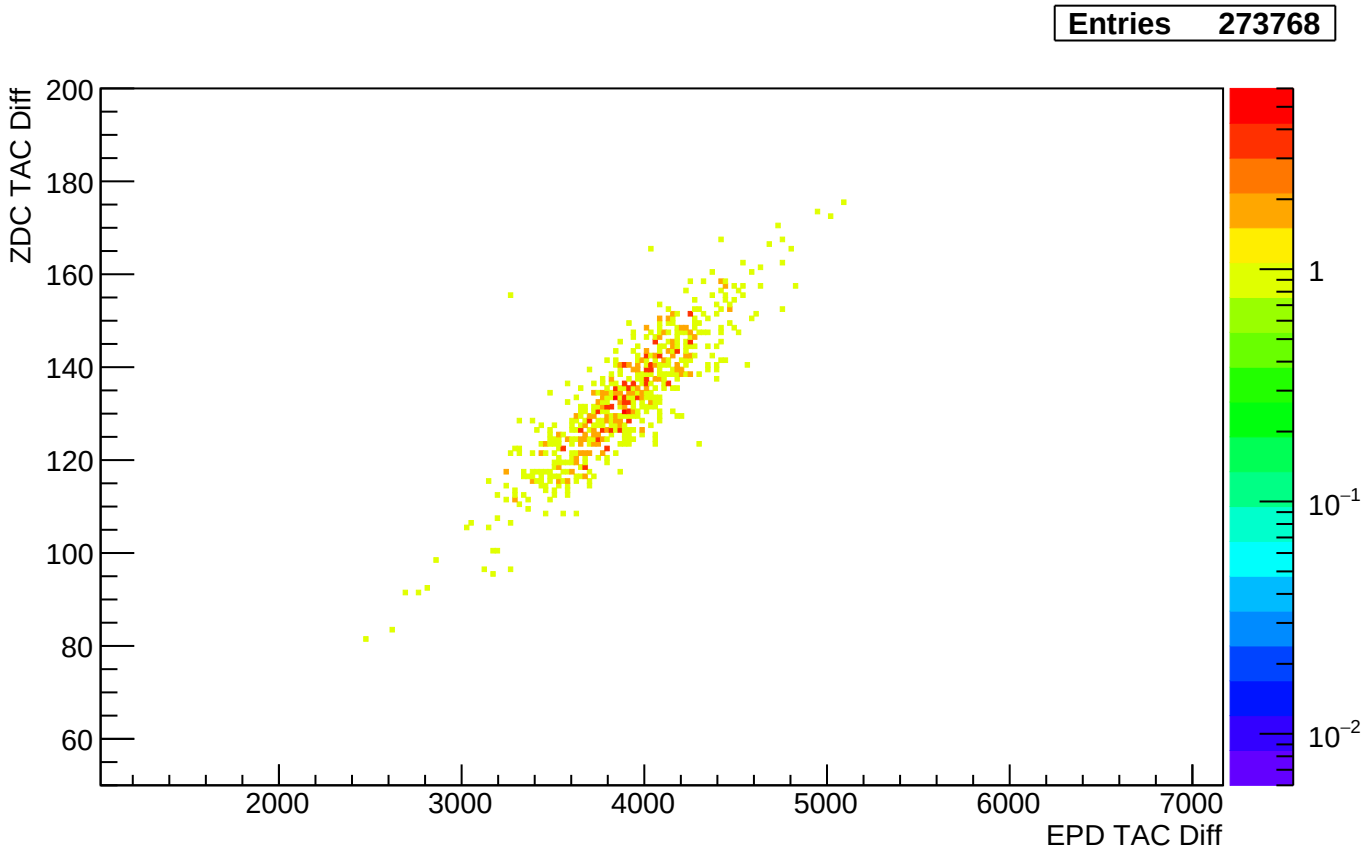

Entries 273768
TOF-Mult
BBC-S-West ADC Sum

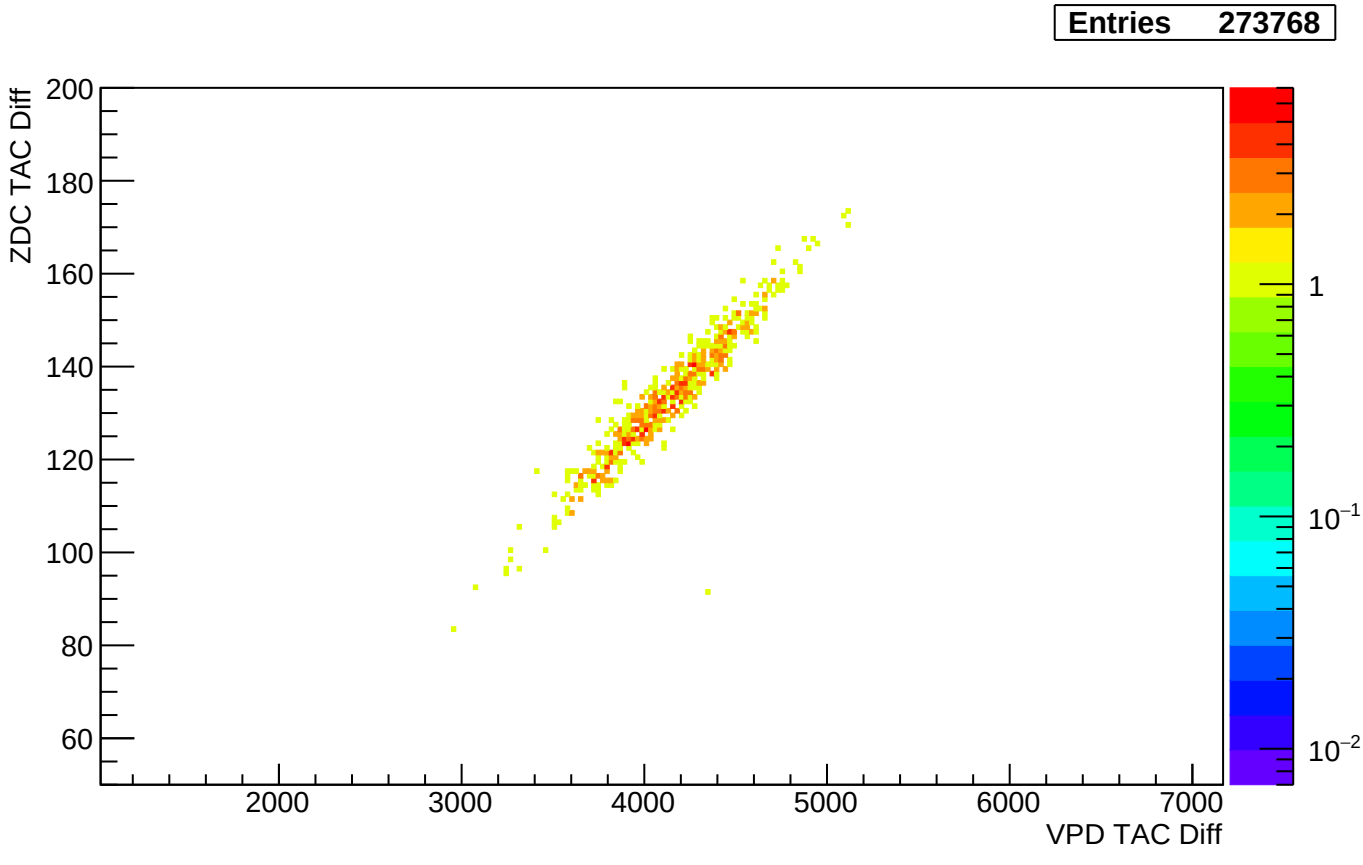

Entries 273768
TOF-Mult
EPD-East Hit Cnt

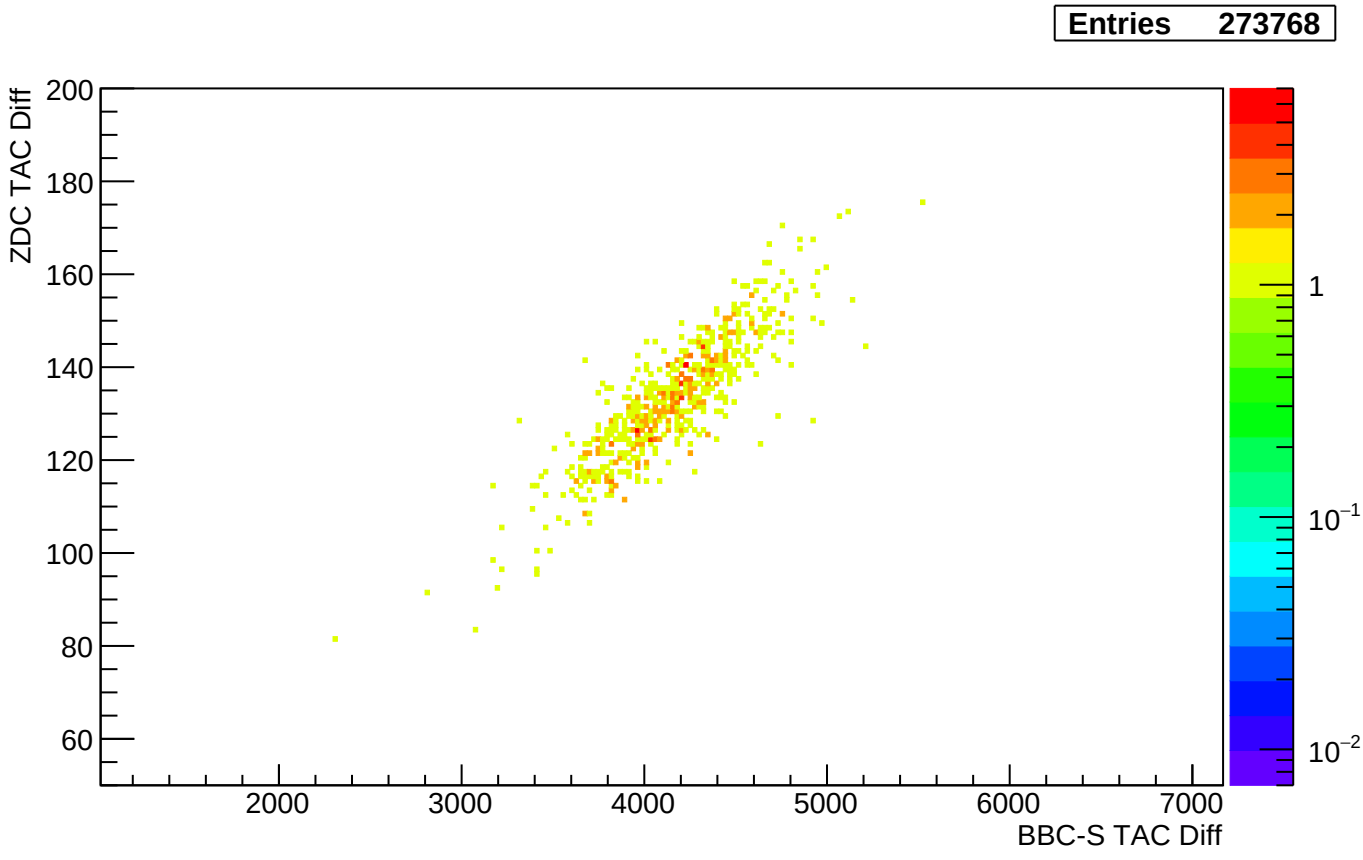

Entries 273768
TOF-Mult
EPD-West Hit Cnt

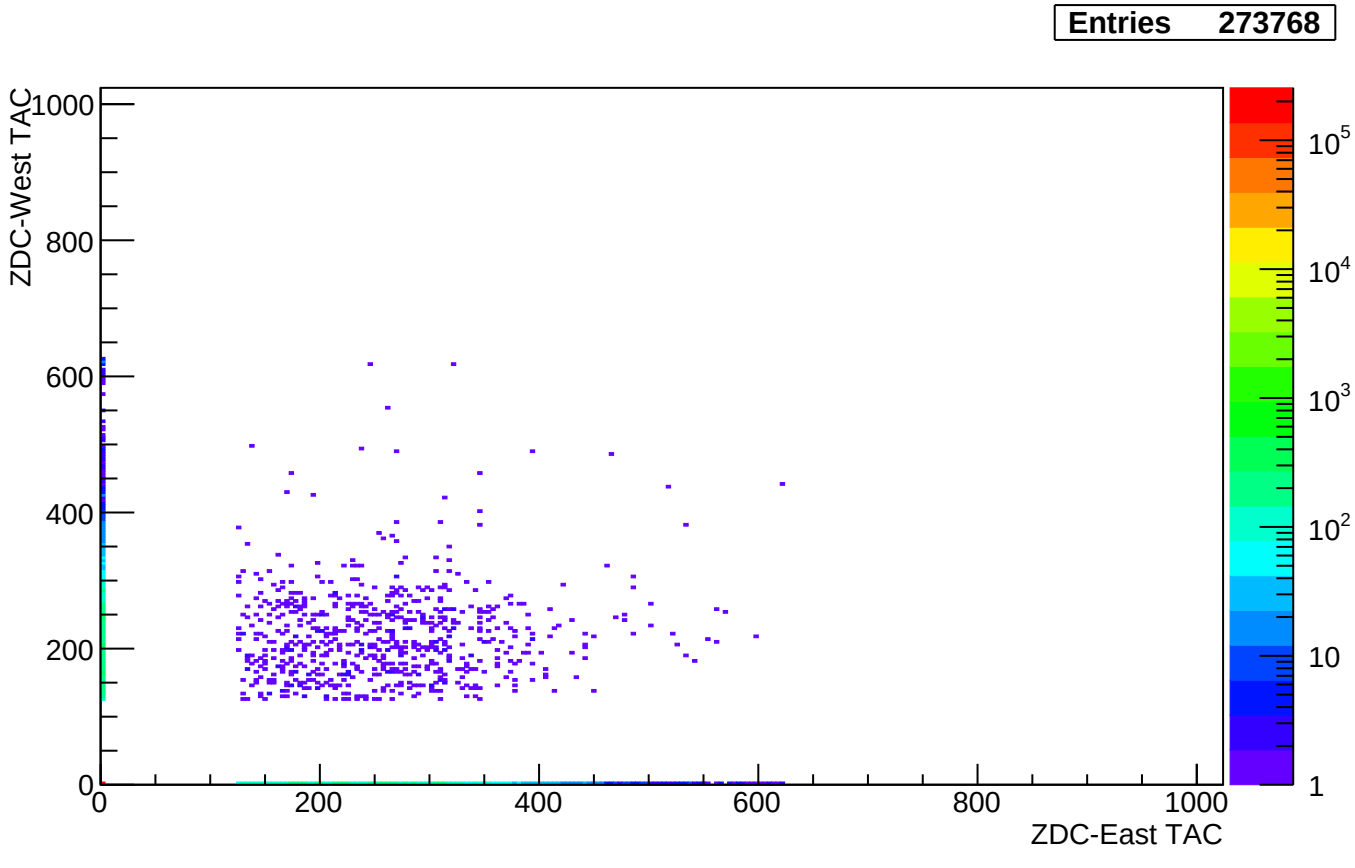

Entries 273768
TOF-Mult
VPD-East ADC Sum

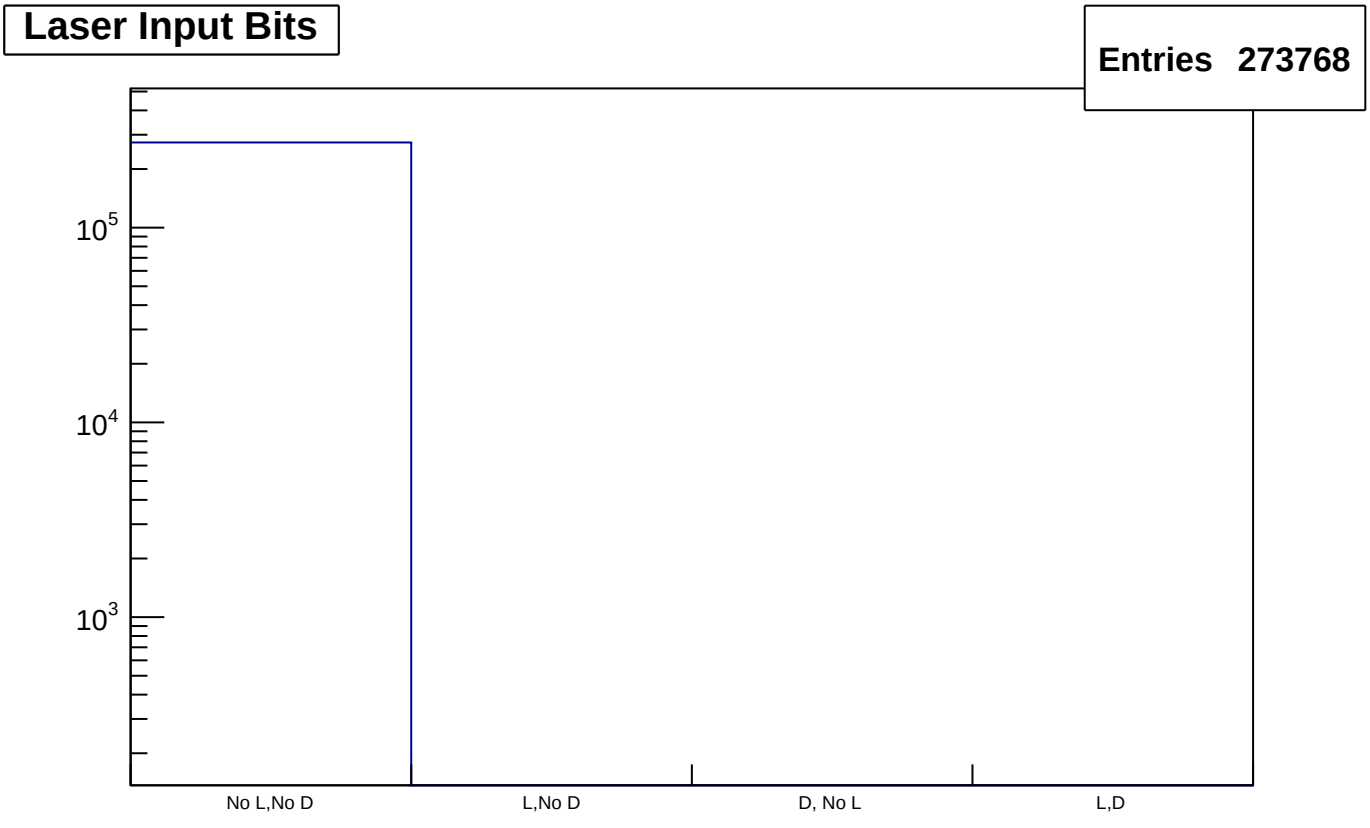

Entries 273768
TOF-Mult
VPD-West ADC Sum

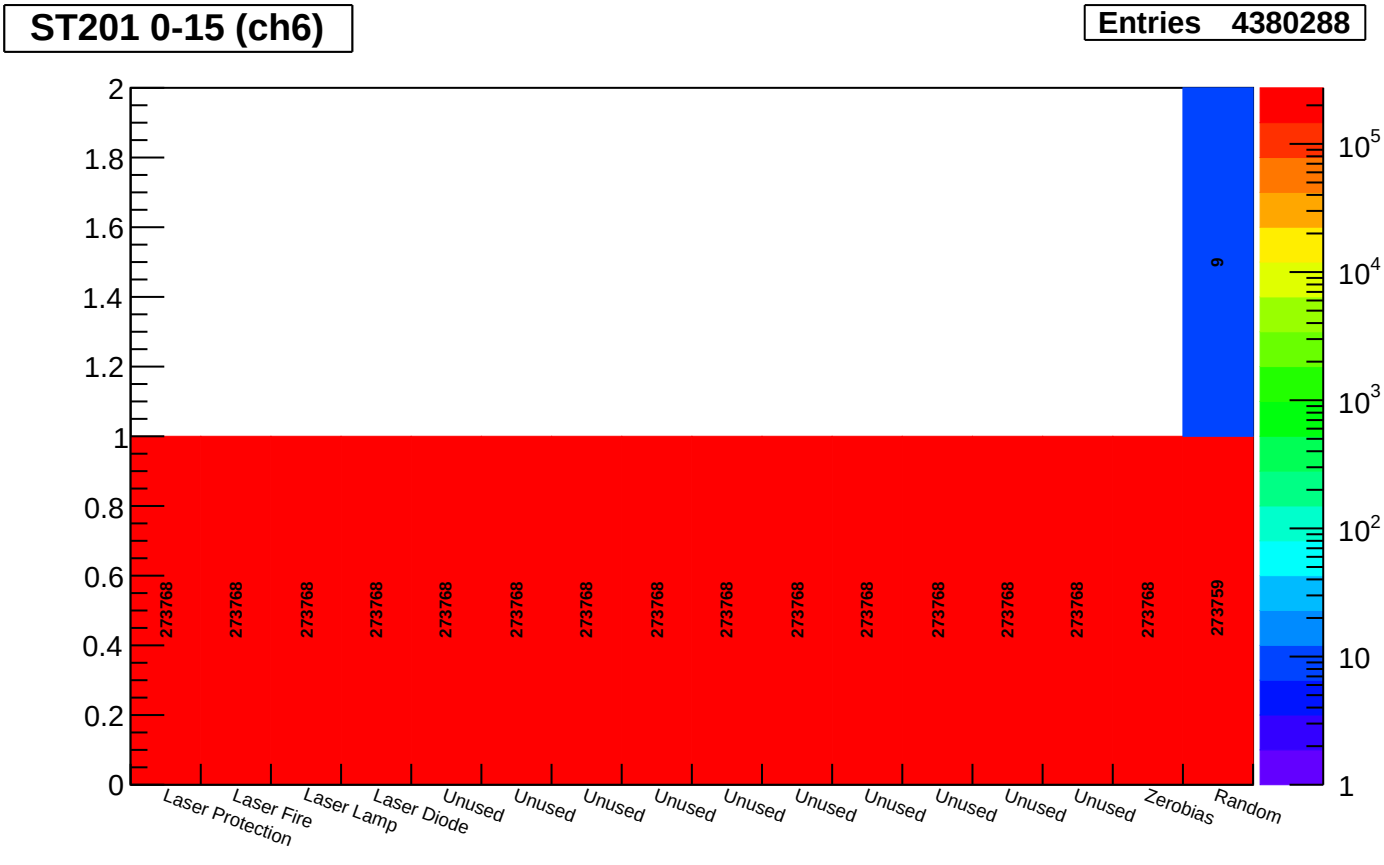

Entries 273768
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

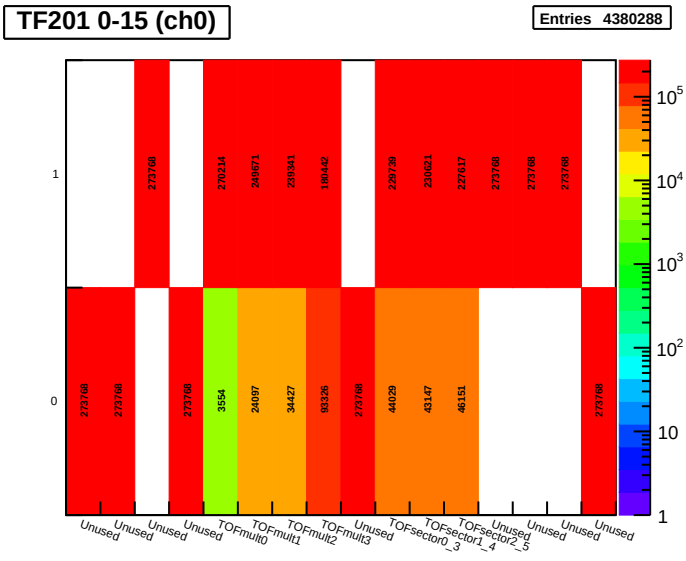

Entries 273768
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

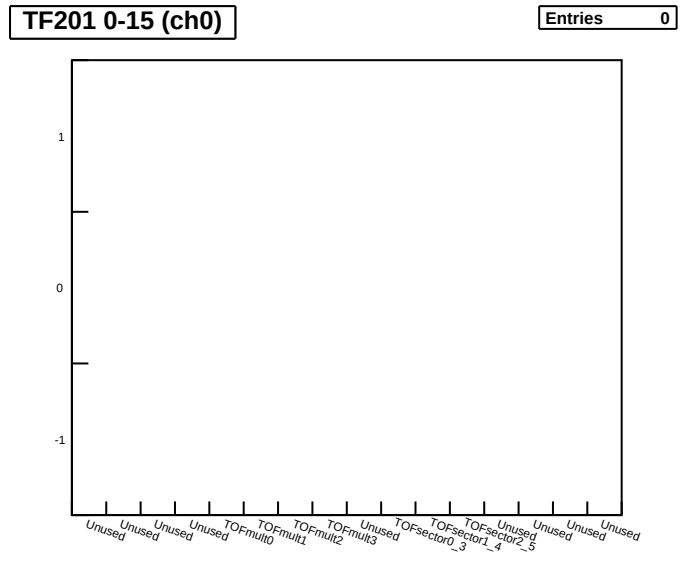

Entries 273768
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

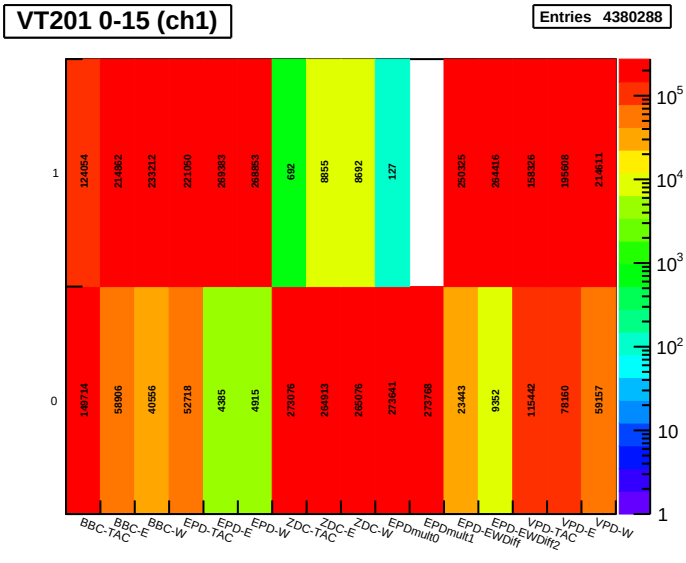

Entries 273768
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

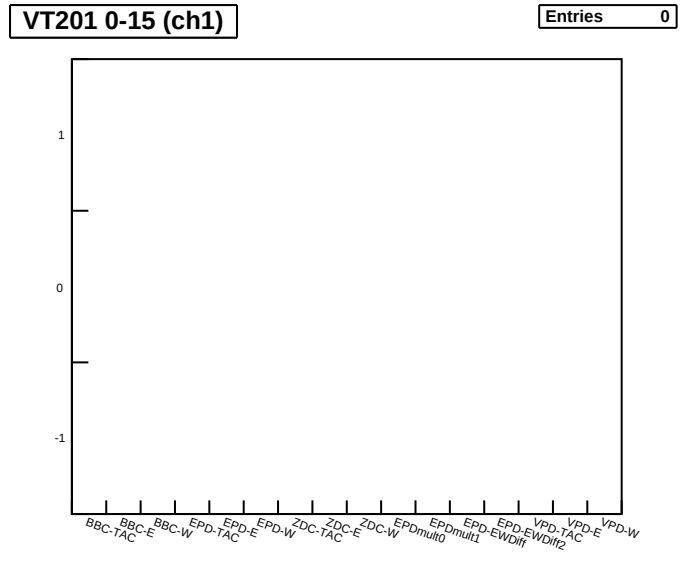

Laser Input Bits
Entries 273768
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

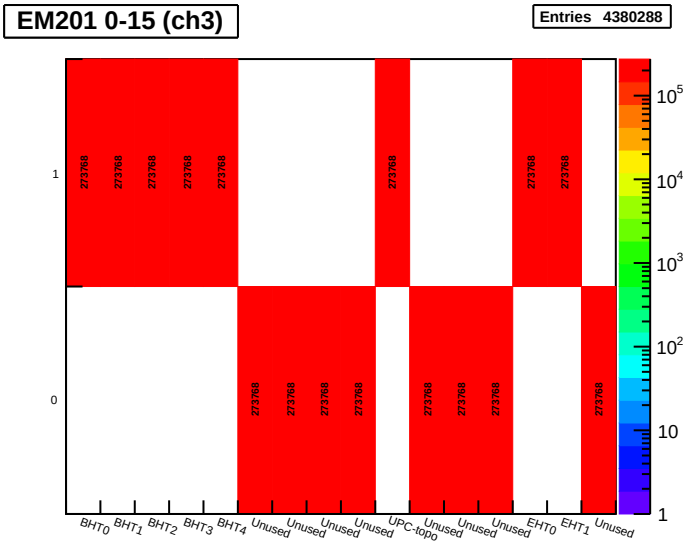

ST201 0-15 (ch6)
Entries 4380288
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
273768
273768
273768
273768
273768
273768
273768
273768
273768
273768
273768
273768
273768
273768
273768
273759
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

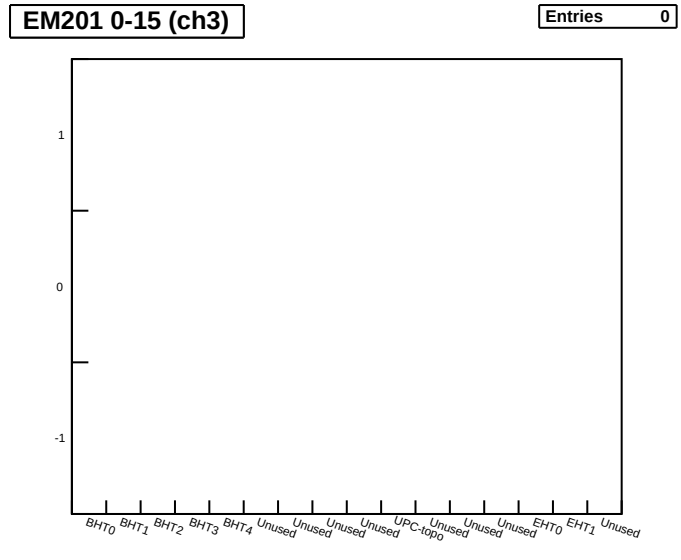

TF201 0-15 (ch0)
Entries 4380288
1
0
273768
270214
249671
239341
180442
229739
230621
227617
273768
273768
273768
273768
273768
3554
24097
34427
93326
273768
44029
43147
46151
273768
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused


VT201 0-15 (ch1)
Entries 4380288
1
0
124054
214852
233212
221050
269383
268853
692
8855
8692
127
250325
264416
158326
195608
214611
148714
58906
40556
52718
4385
4915
273076
264913
265076
273641
273768
23443
9352
115442
78160
59157
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 4380288
1
0
273768
273768
273768
273768
273768
273768
273768
273768
273768
273768
273768
273768
273768
273768
273768
273768
273768
273768
273768
273768
273768
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


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