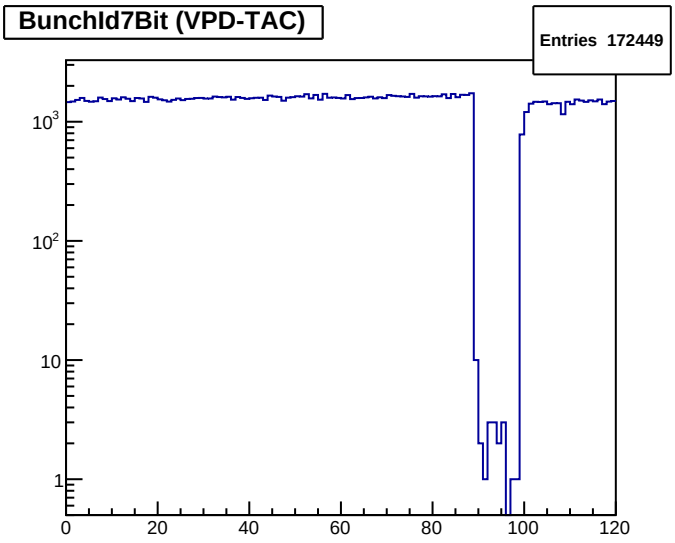
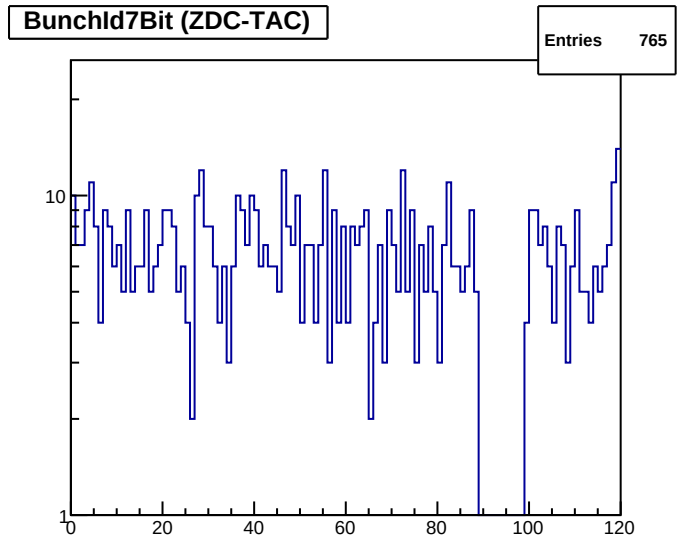
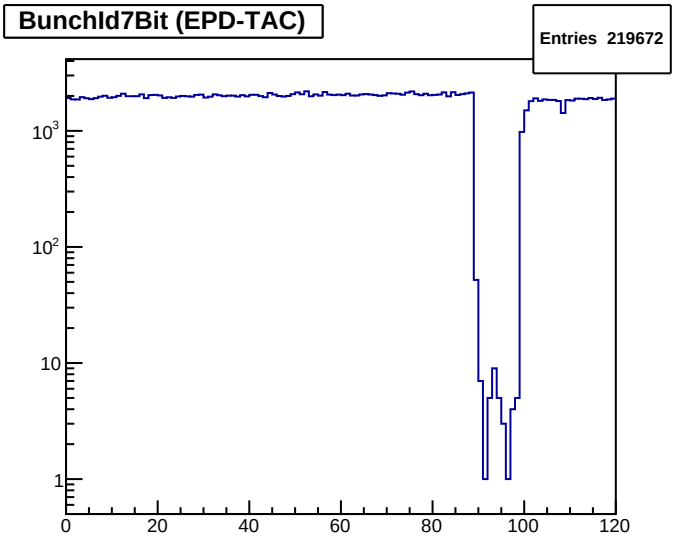
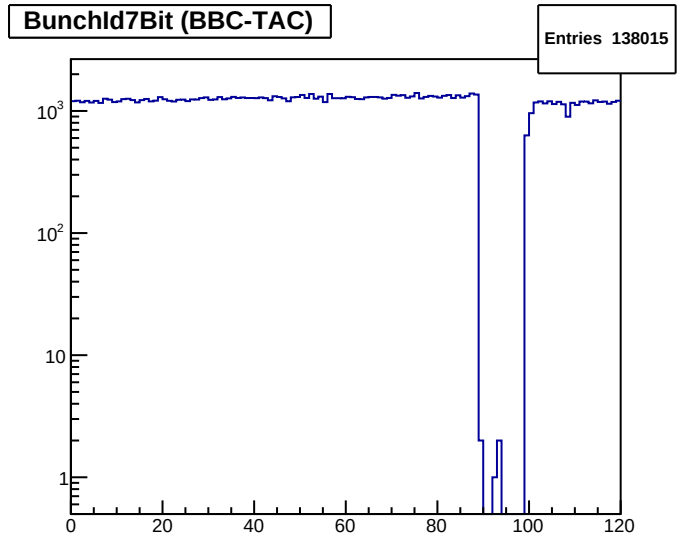
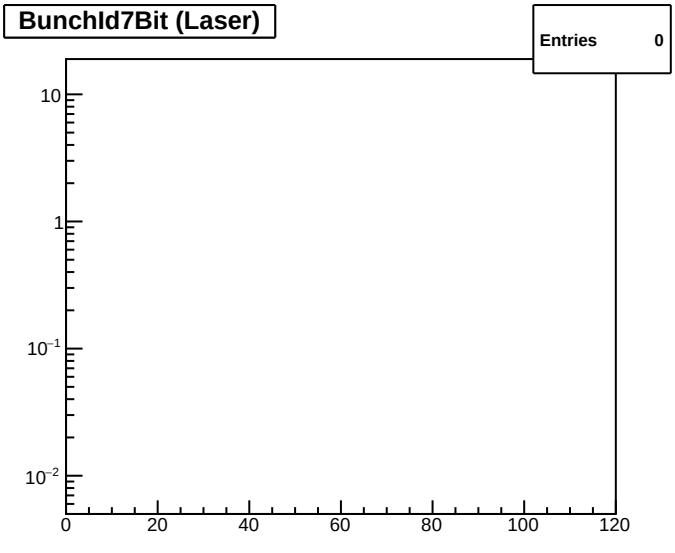
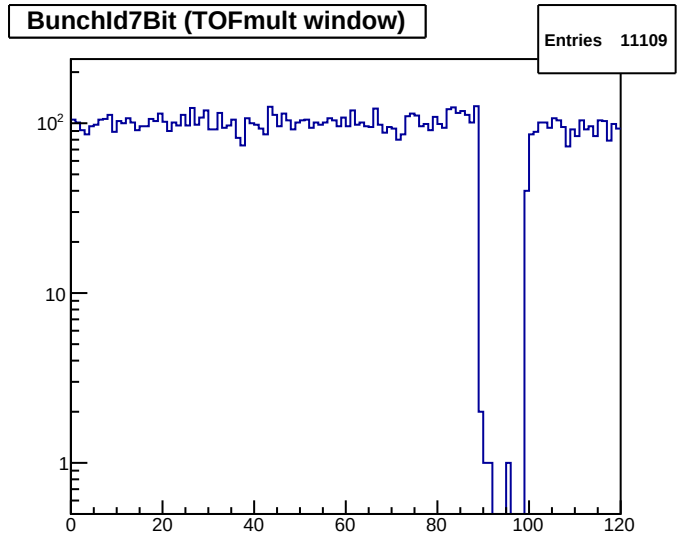

BunchId7Bit (VPD-TAC)
Entries 172449

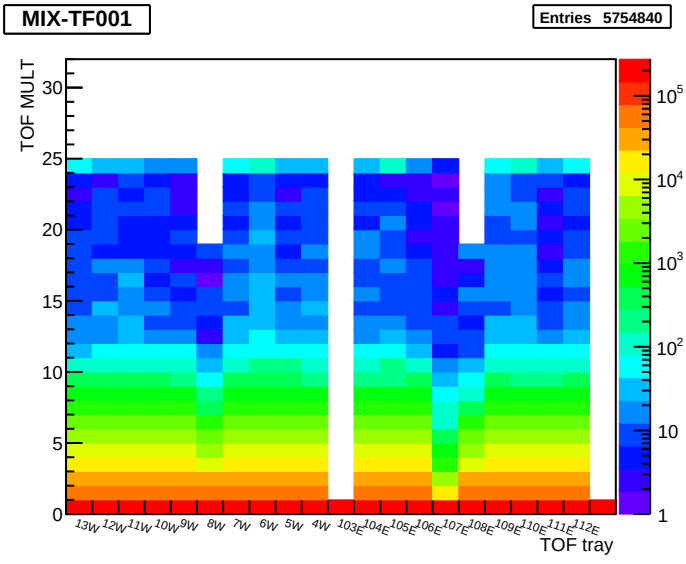

BunchId7Bit (ZDC-TAC)
Entries 765

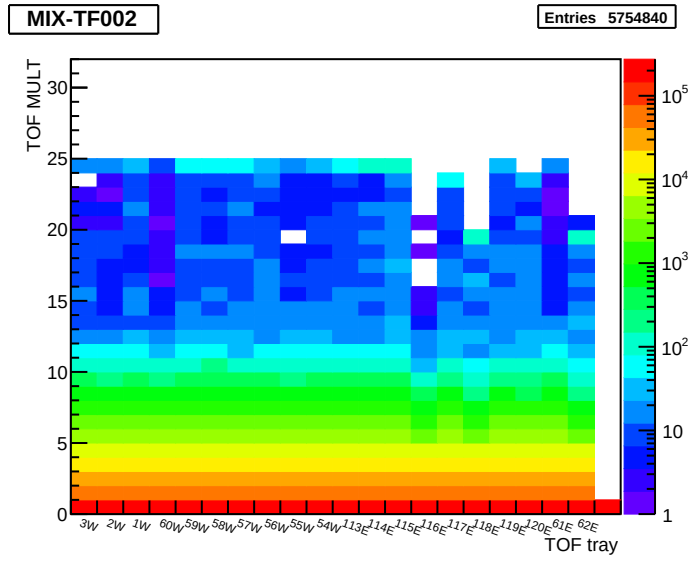

BunchId7Bit (EPD-TAC)
Entries 219672

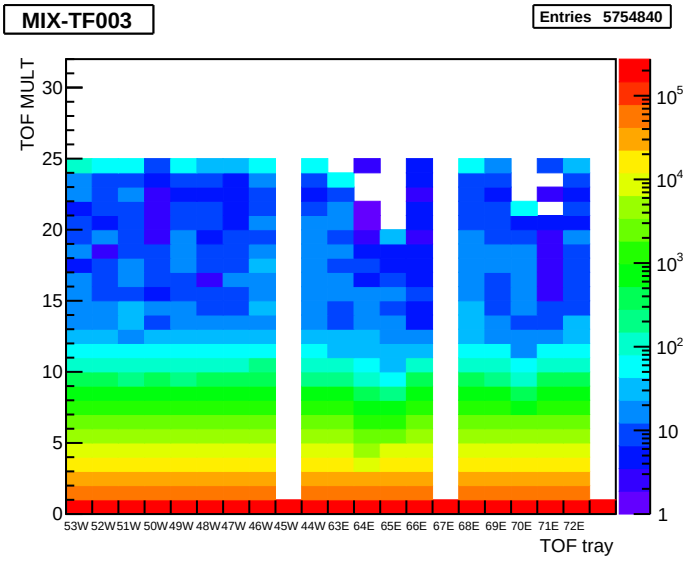

BunchId7Bit (BBC-TAC)
Entries 138015

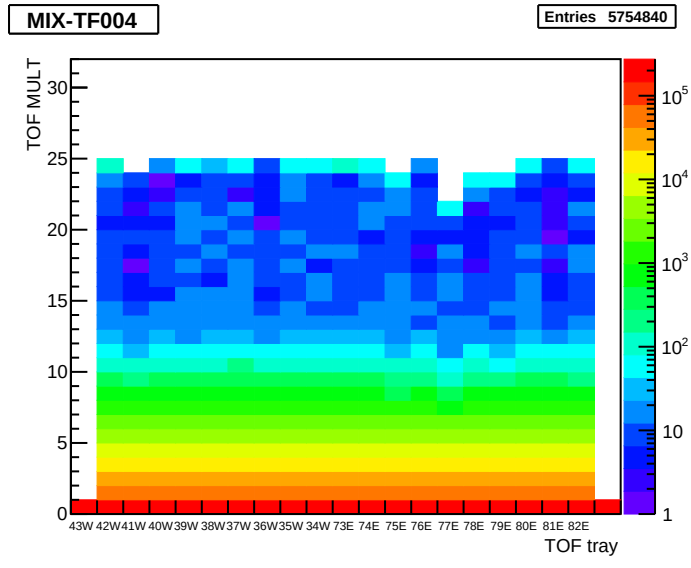

BunchId7Bit (Laser)
Entries 0

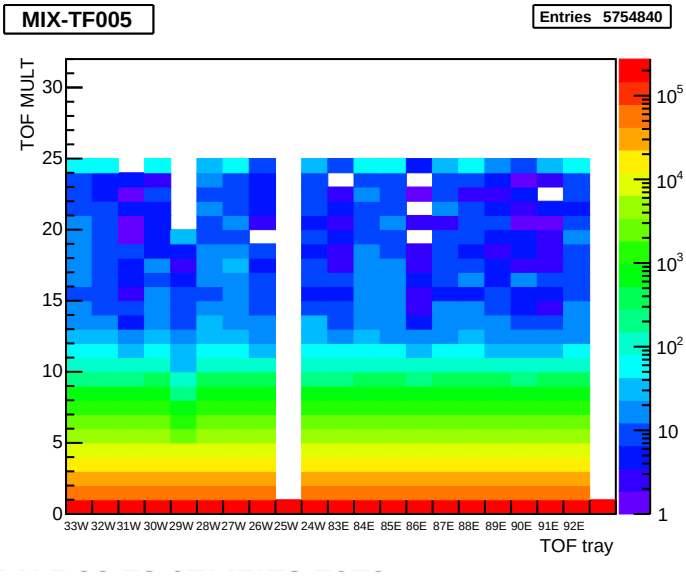

BunchId7Bit (TOFmult window)
Entries 11109

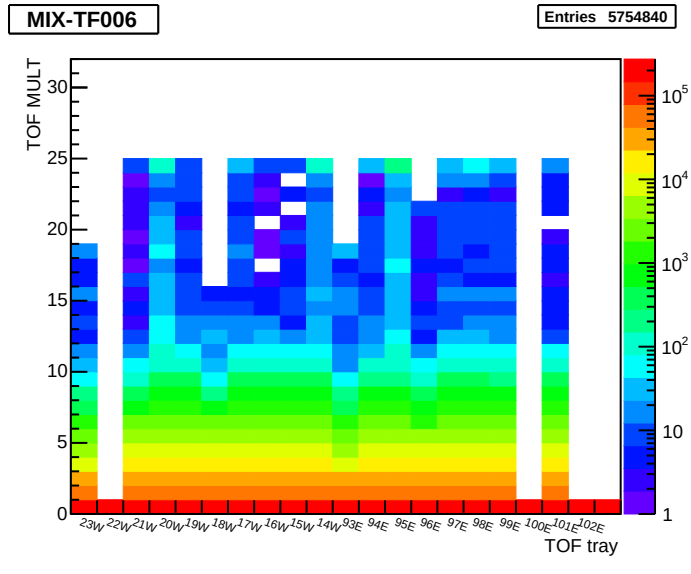

MIX-TF001
Entries 5754840
TOF MULT
TOF tray

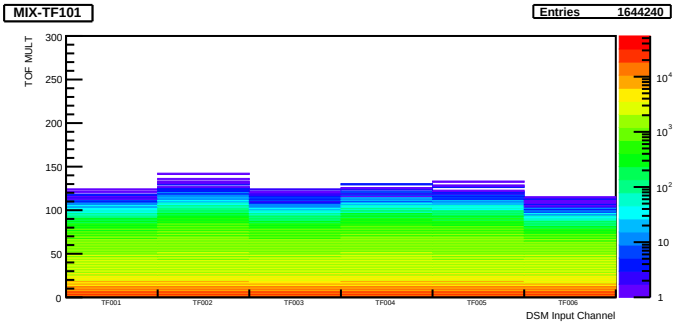

MIX-TF002
Entries 5754840
TOF MULT
TOF tray

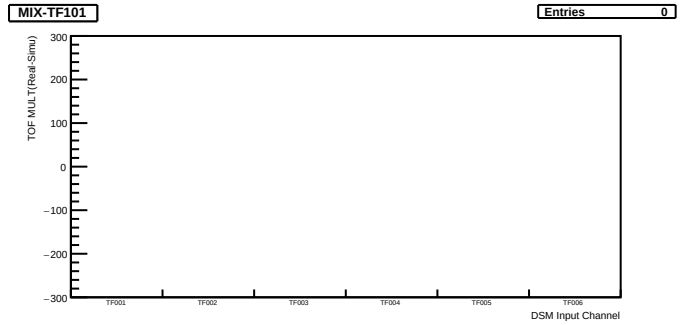

MIX-TF003
Entries 5754840
TOF MULT
TOF tray

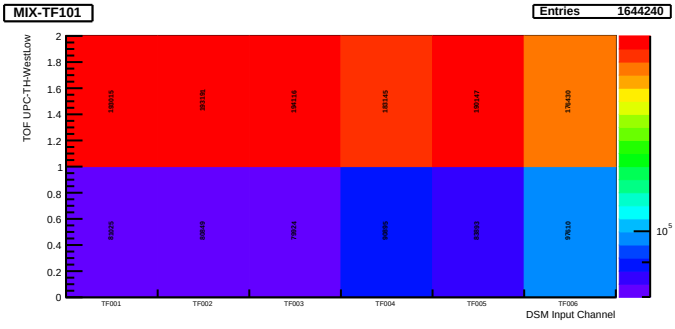

MIX-TF004
Entries 5754840
TOF MULT
TOF tray

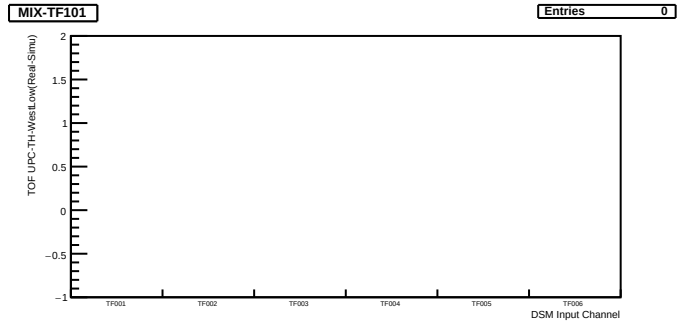

MIX-TF005
Entries 5754840
TOF MULT
TOF tray

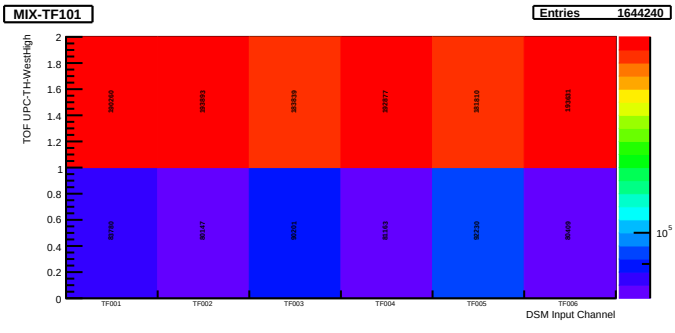

MIX-TF006
Entries 5754840
TOF MULT
TOF tray

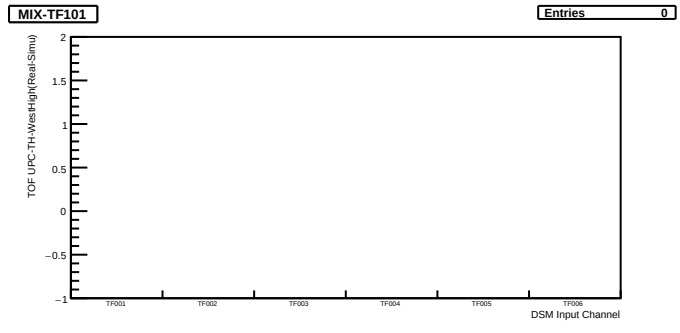

MIX-TF101
Entries 1644240
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

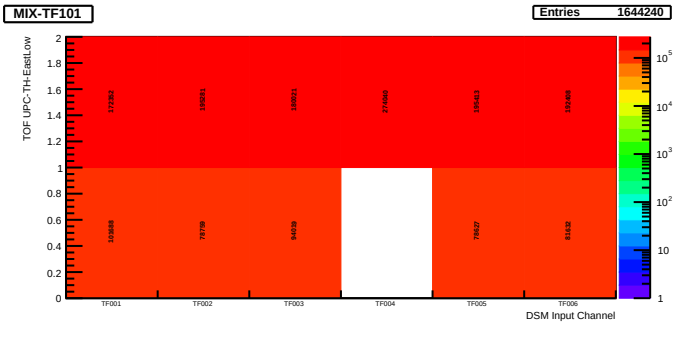

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

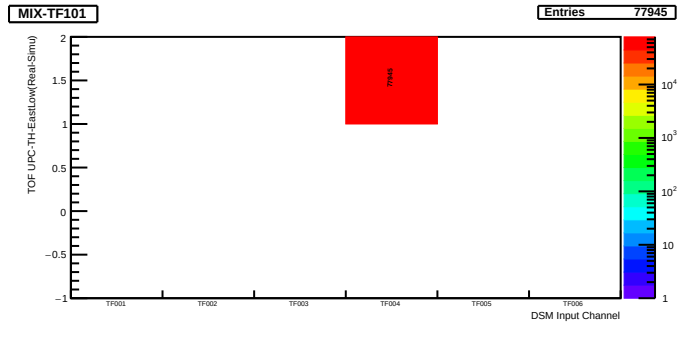

MIX-TF101
Entries 1644240
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

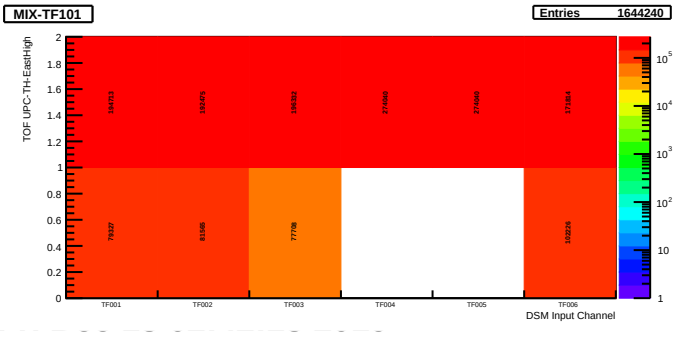

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

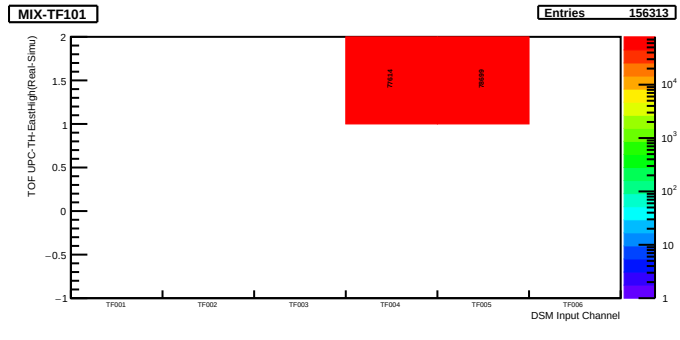

MIX-TF101
Entries 1644240
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

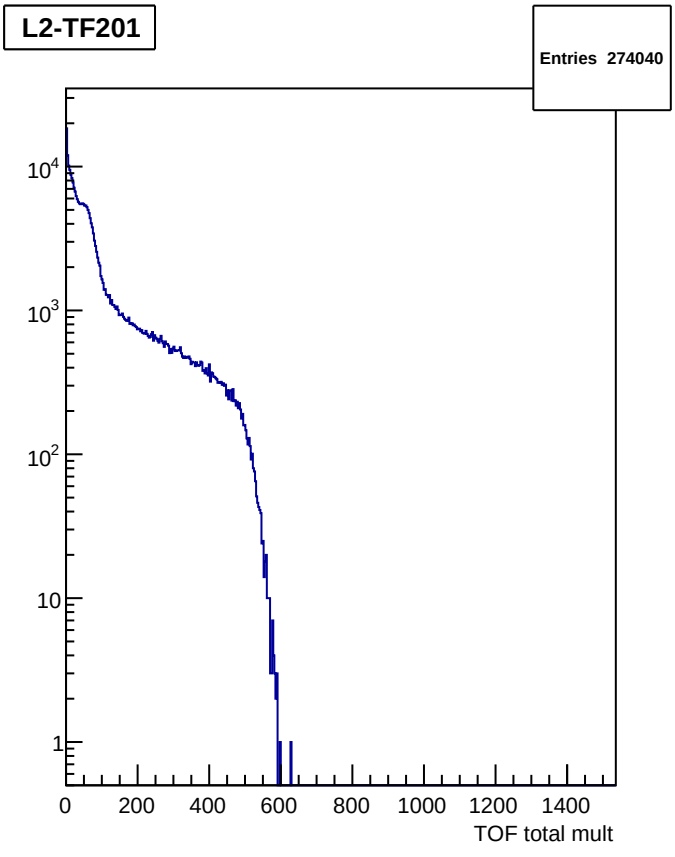

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

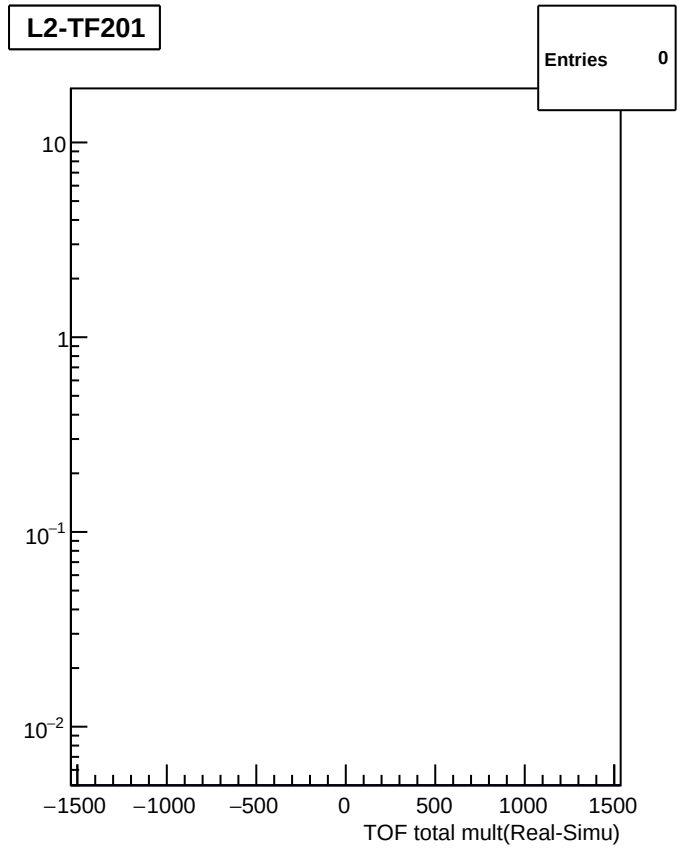

MIX-TF101
Entries 1644240
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

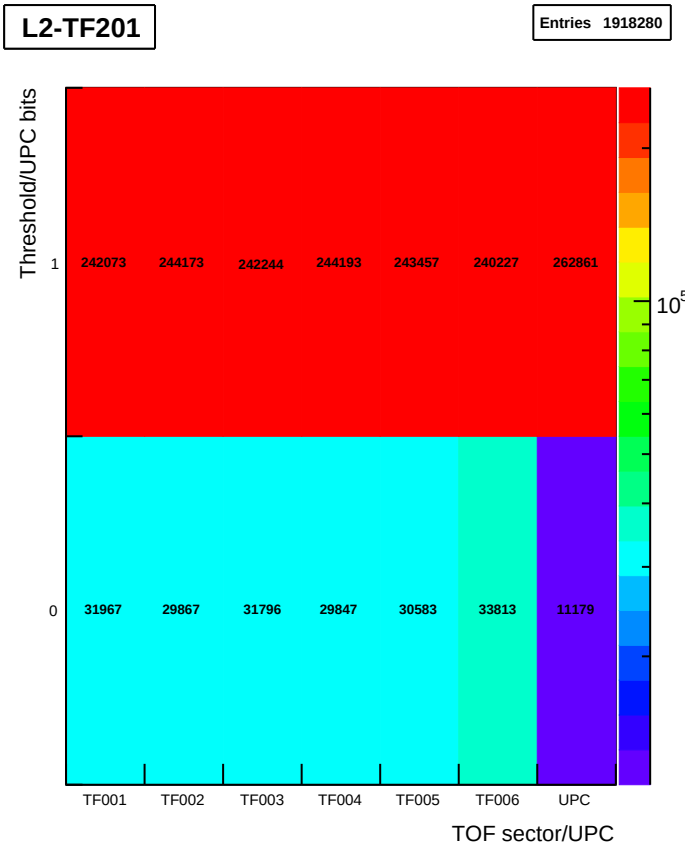

MIX-TF101
Entries 77945
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

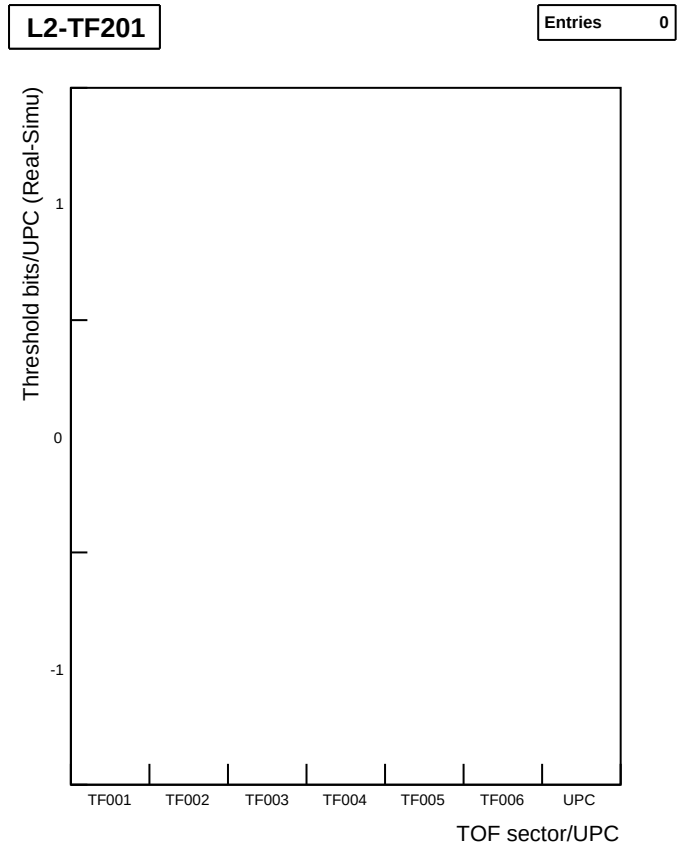

MIX-TF101
Entries 1644240
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

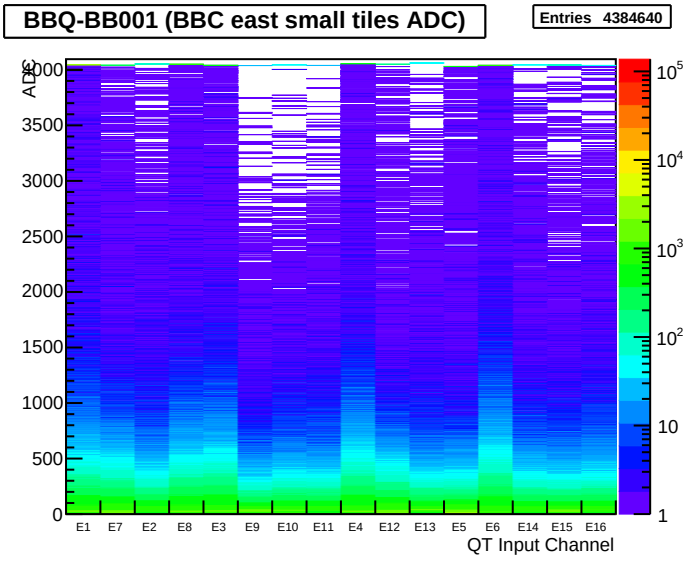

MIX-TF101
Entries 156313
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

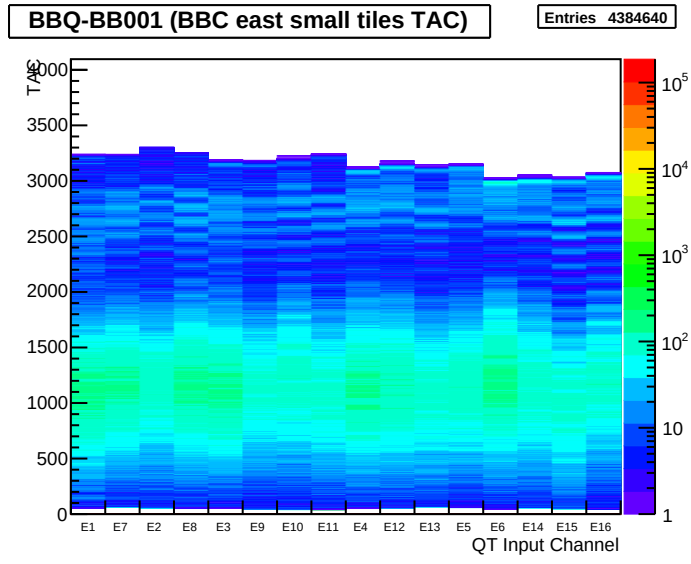

L2-TF201
Entries 274040
TOF total mult

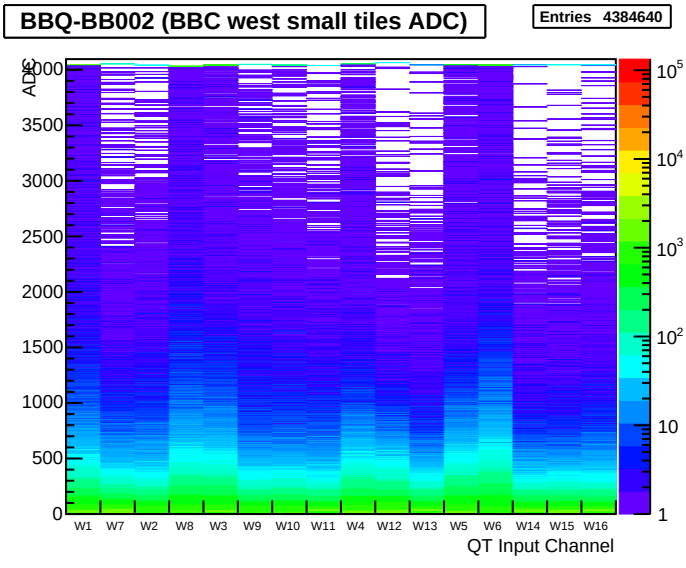

L2-TF201
Entries 0
TOF total mult(Real-Simu)

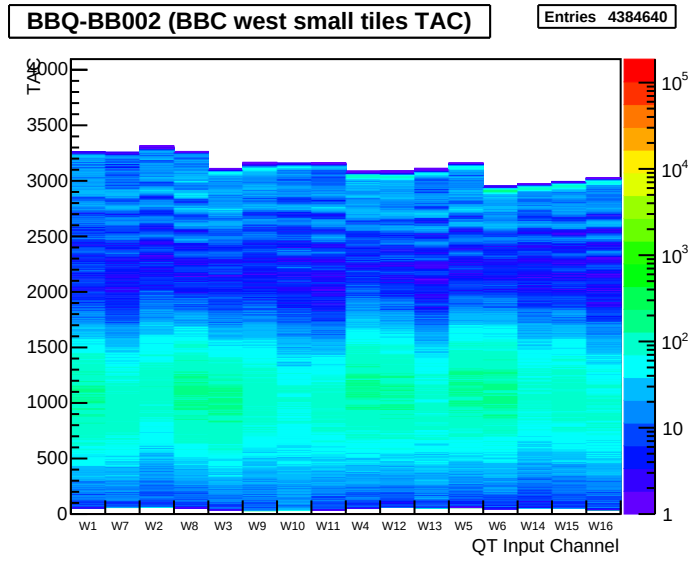

L2-TF201
Entries 1918280
Threshold/UPC bits
242073
244173
242244
244193
243457
240227
262861
31967
29867
31796
29847
30583
33813
11179
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

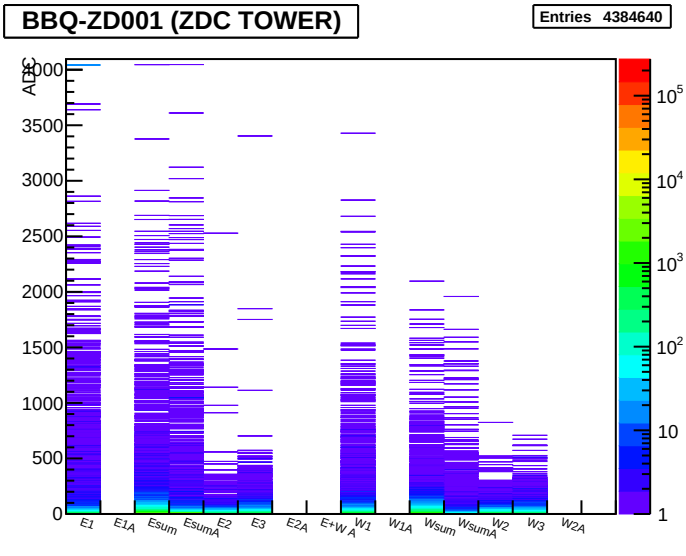

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

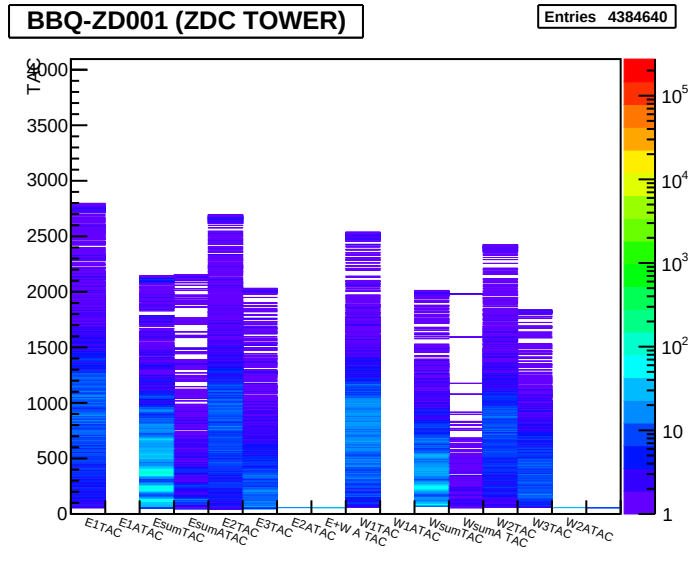

BBQ-BB001 (BBC east small tiles ADC)
Entries 4384640
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

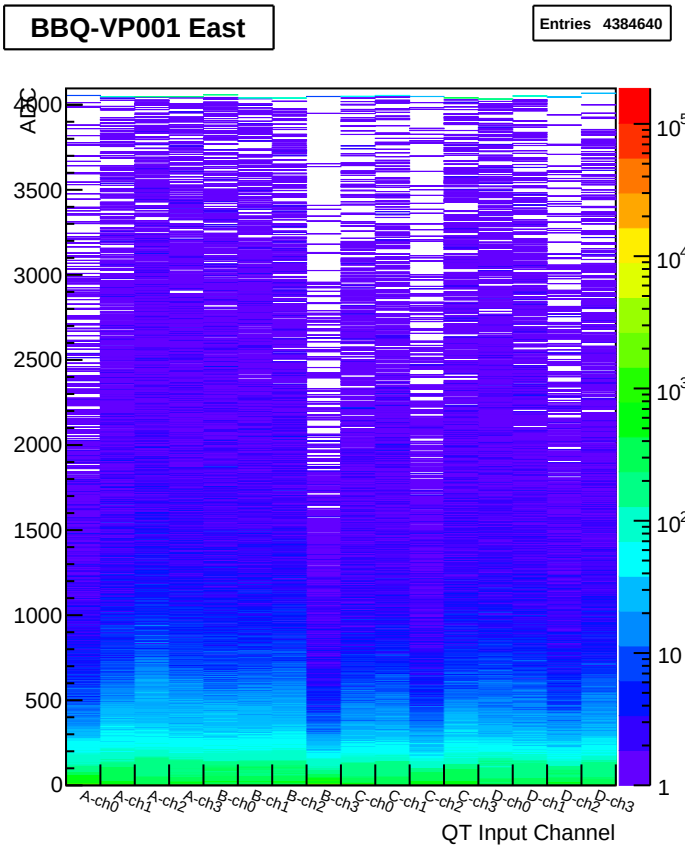

BBQ-BB001 (BBC east small tiles TAC)
Entries 4384640
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

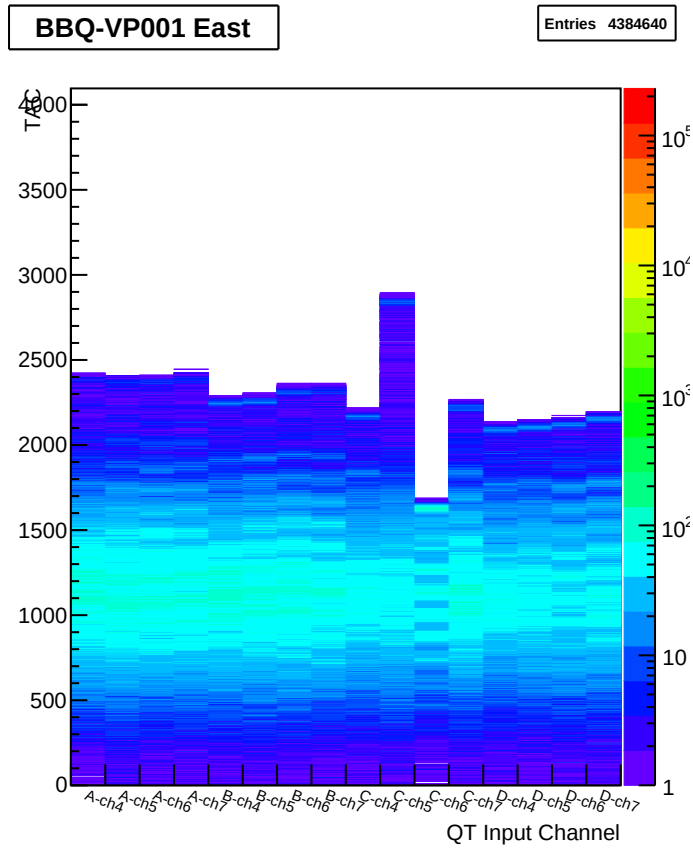

BBQ-BB002 (BBC west small tiles ADC)
Entries 4384640
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

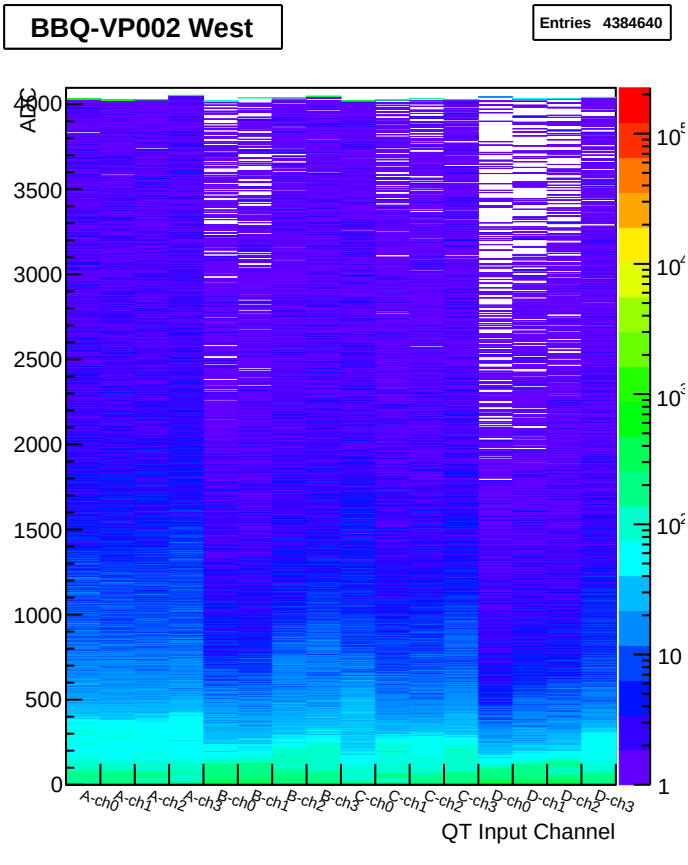

BBQ-BB002 (BBC west small tiles TAC)
Entries 4384640
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

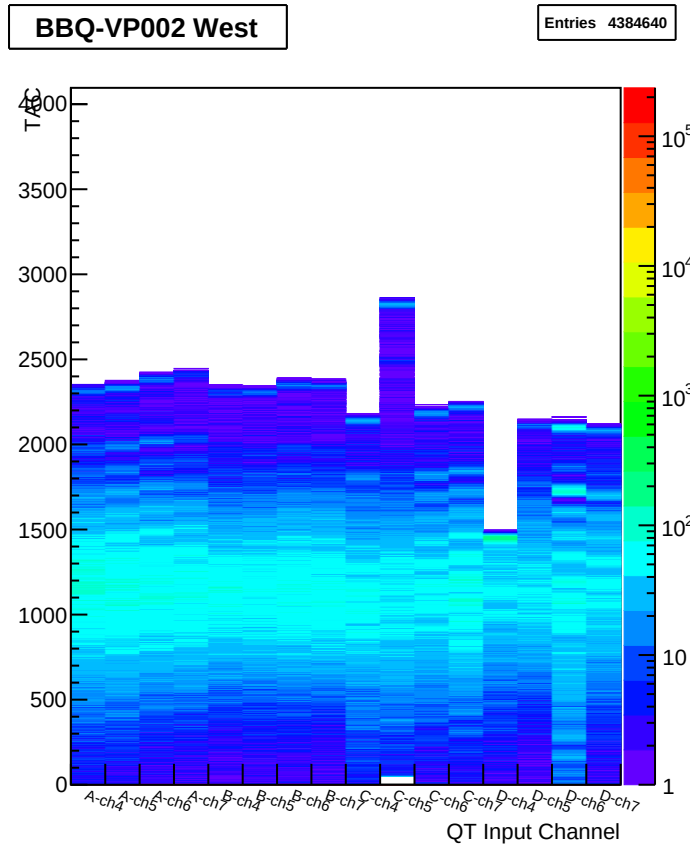

BBQ-ZD001 (ZDC TOWER)
Entries 4384640
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

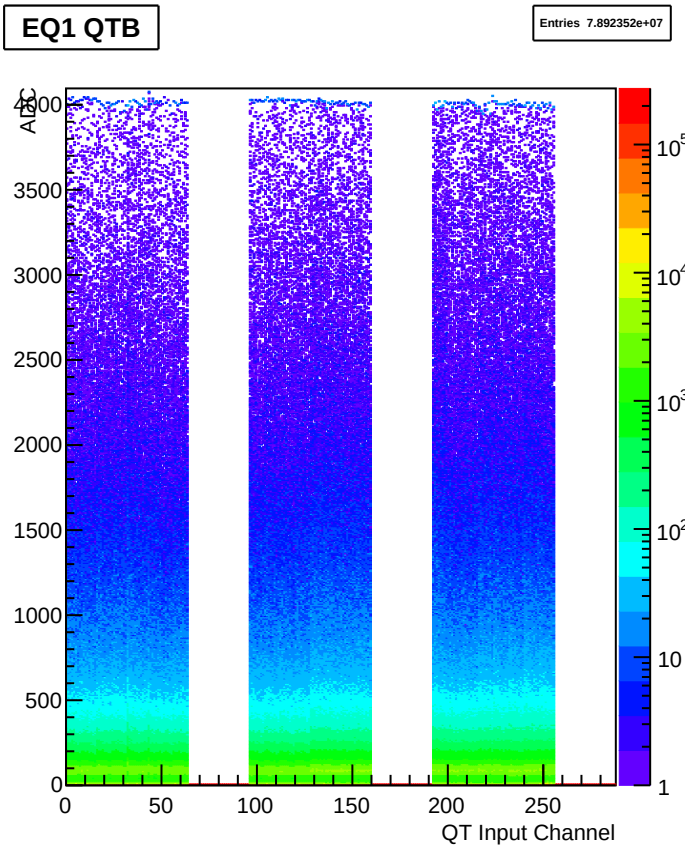

BBQ-ZD001 (ZDC TOWER)
Entries 4384640
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

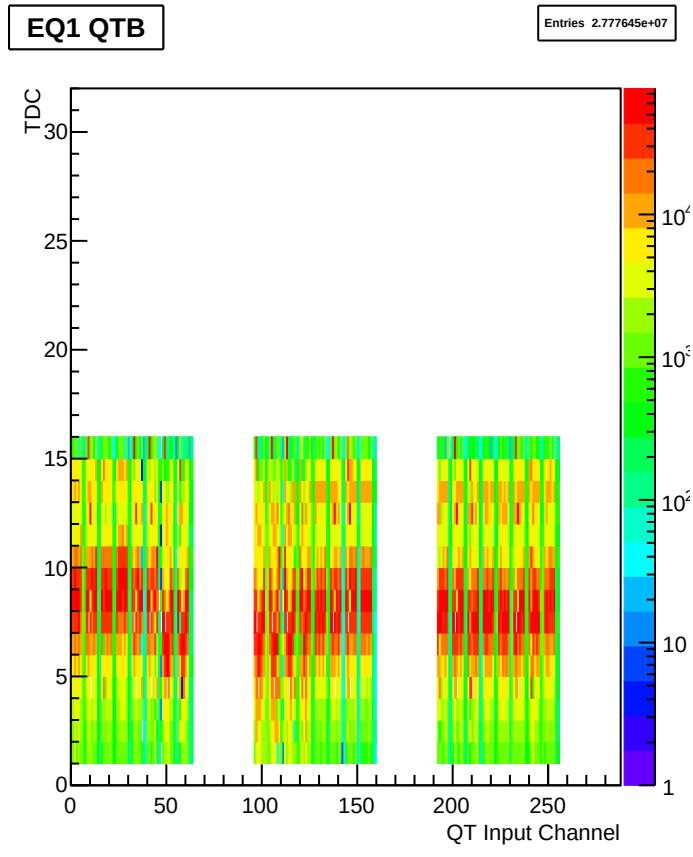

BBQ-VP001 East
Entries 4384640
ADC
QT Input Channel

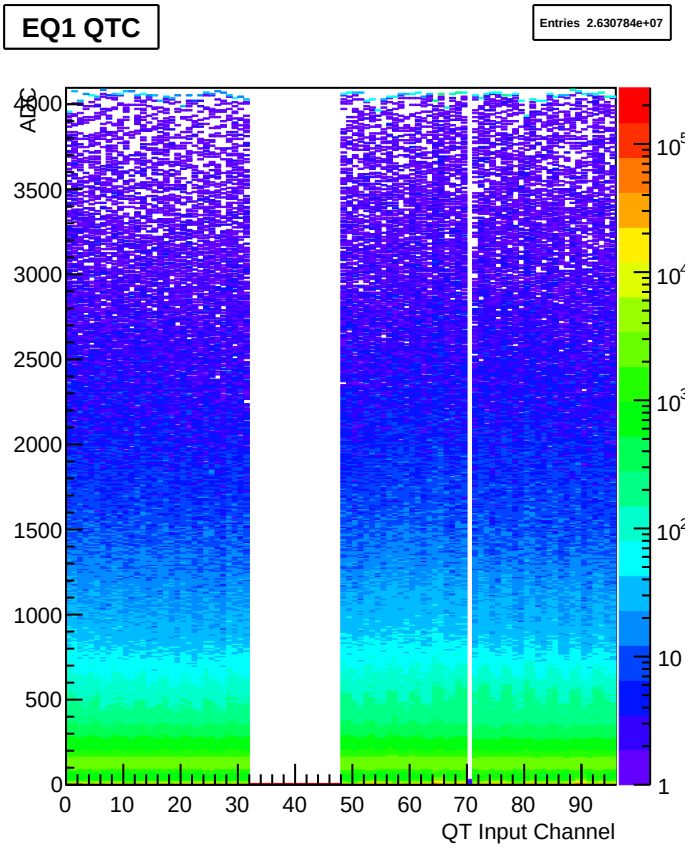

BBQ-VP001 East
Entries 4384640
TADC
QT Input Channel

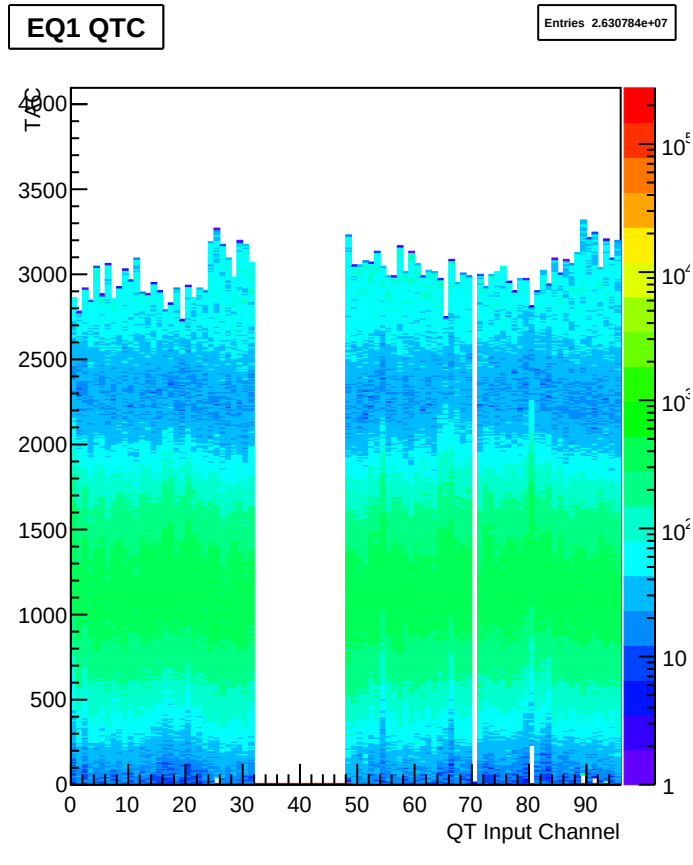

BBQ-VP002 West
Entries 4384640
ADC
QT Input Channel

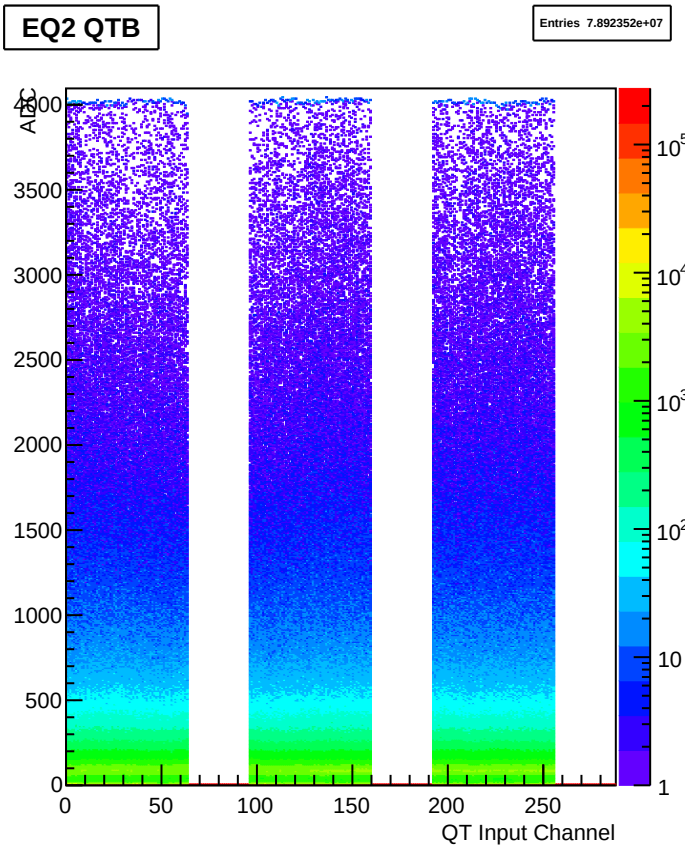

BBQ-VP002 West
Entries 4384640
TADC
QT Input Channel

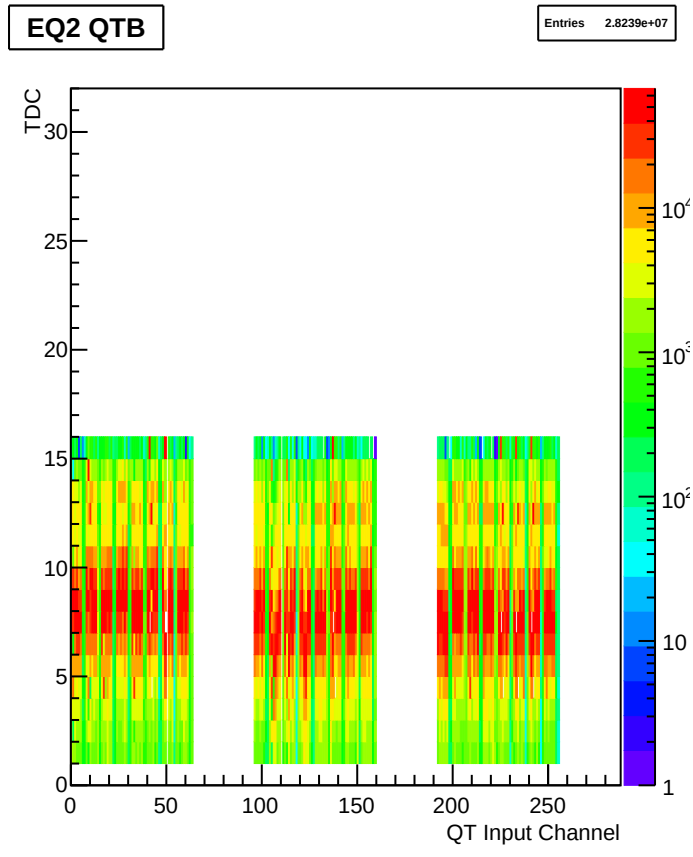

EQ1 QTB
Entries 7.892352e+07
ADC
QT Input Channel

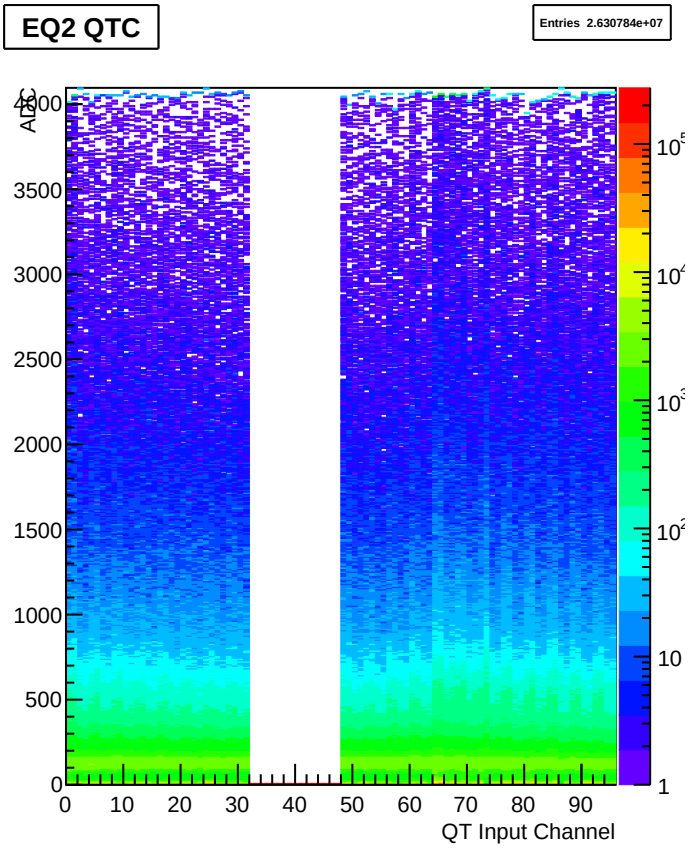

EQ1 QTB
Entries 2.777645e+07
TDC
QT Input Channel

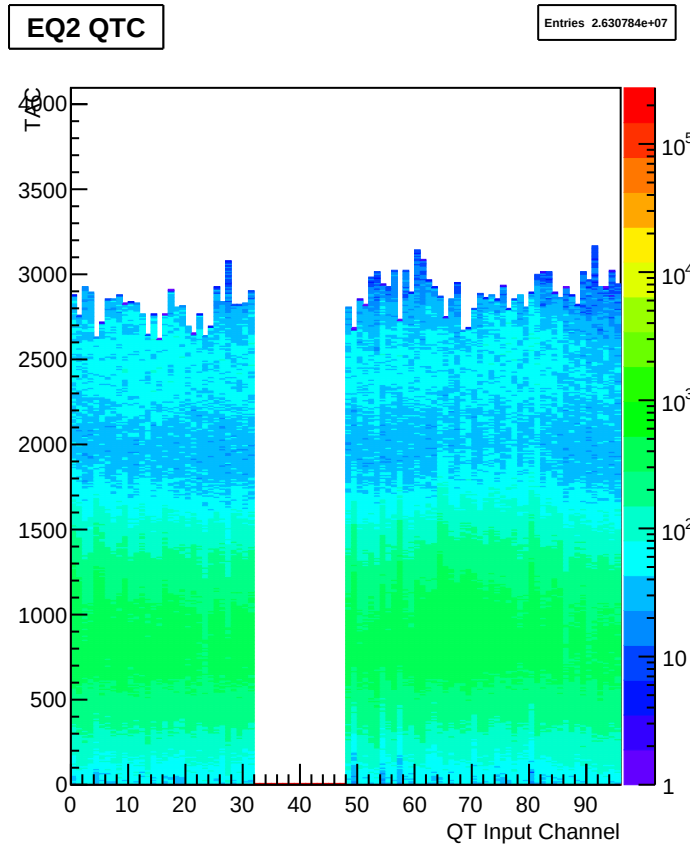

EQ1 QTC
Entries 2.630784e+07
ADC
QT Input Channel

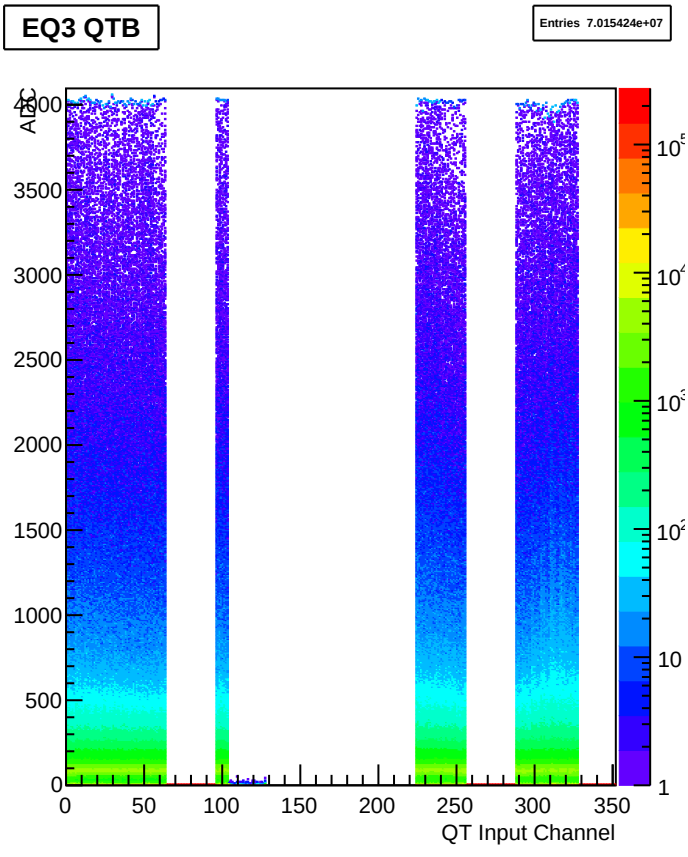

EQ1 QTC
Entries 2.630784e+07
TADC
QT Input Channel

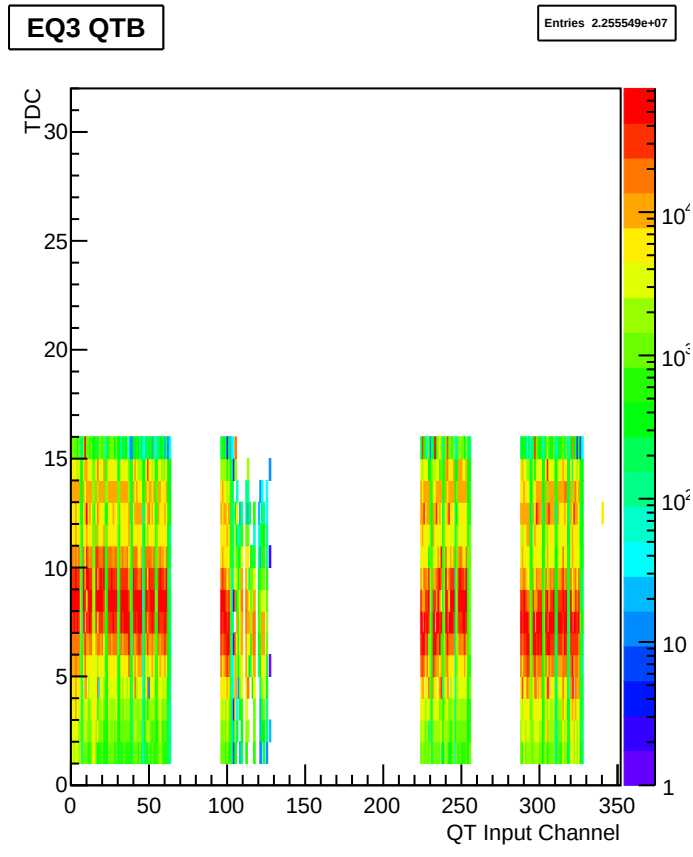

EQ2 QTB
Entries 7.892352e+07
ADC
QT Input Channel

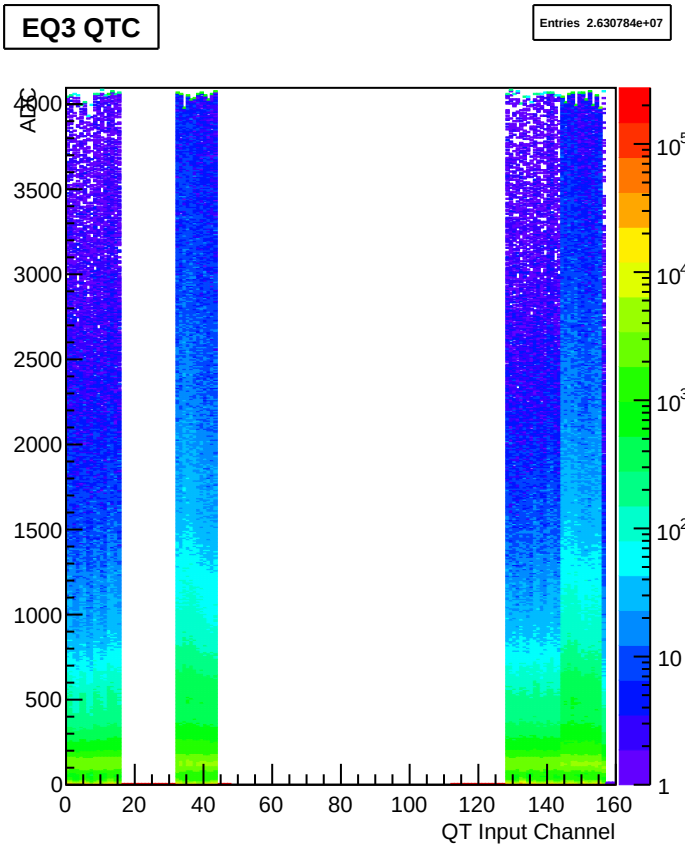

EQ2 QTB
Entries 2.8239e+07
TDC
QT Input Channel

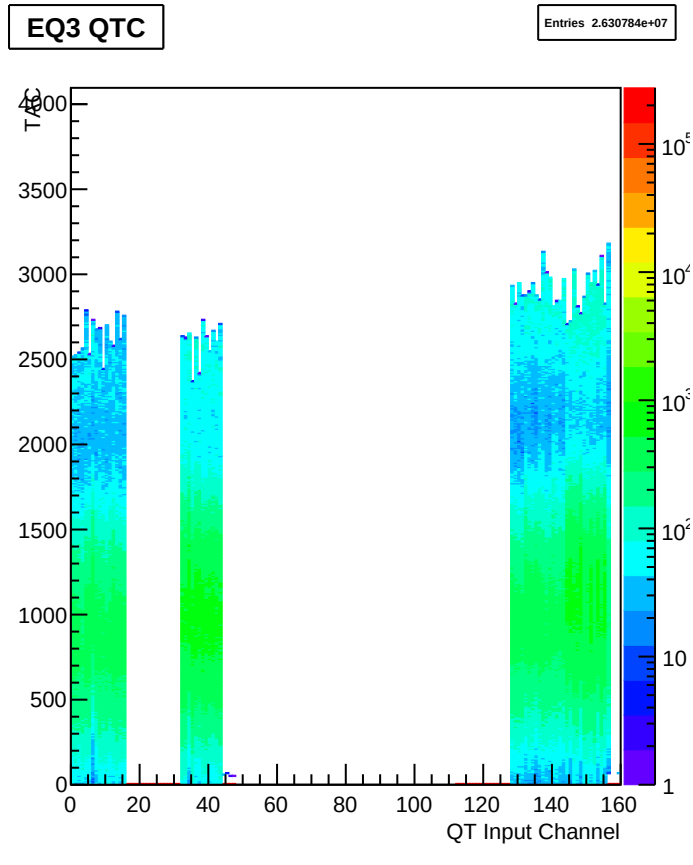

EQ2 QTC
Entries 2.630784e+07
ADC
QT Input Channel

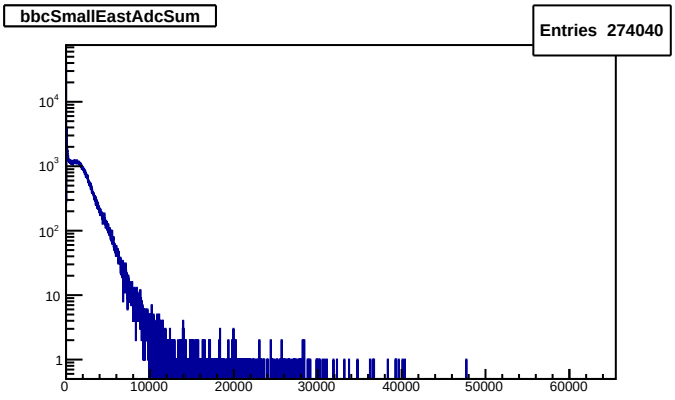

EQ2 QTC
Entries 2.630784e+07
TADC
QT Input Channel

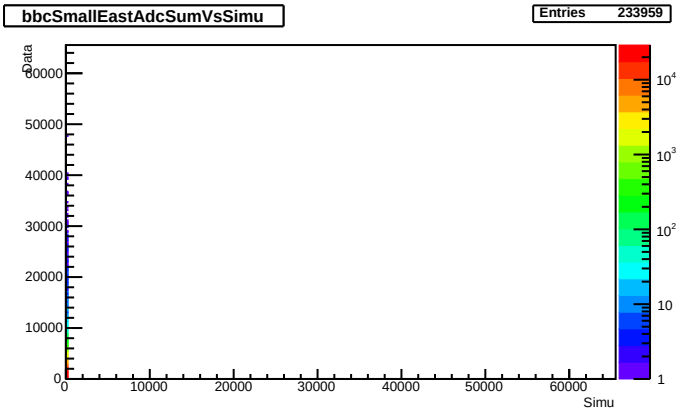

EQ3 QTB
Entries 7.015424e+07
ADC
QT Input Channel

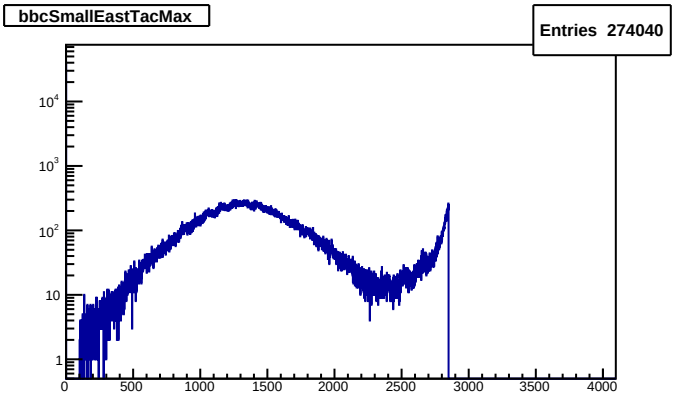

EQ3 QTB
Entries 2.255549e+07
TDC
QT Input Channel

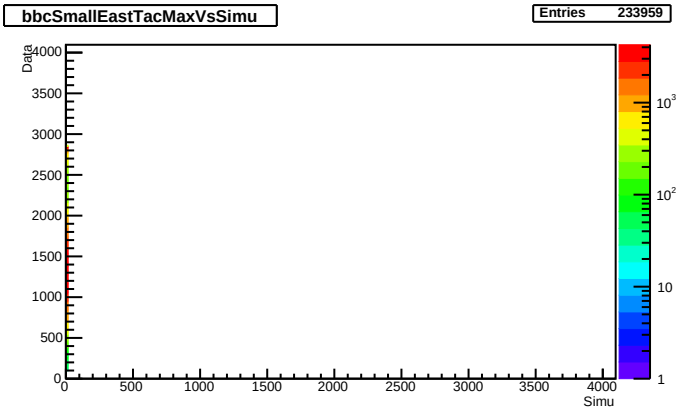

EQ3 QTC
Entries 2.630784e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.630784e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 274040


bbcSmallEastAdcSumVsSimu
Entries 233959
Data
Simu


bbcSmallEastTacMax
Entries 274040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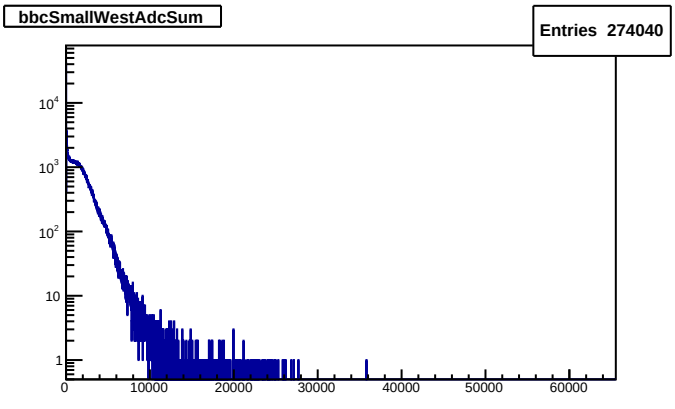
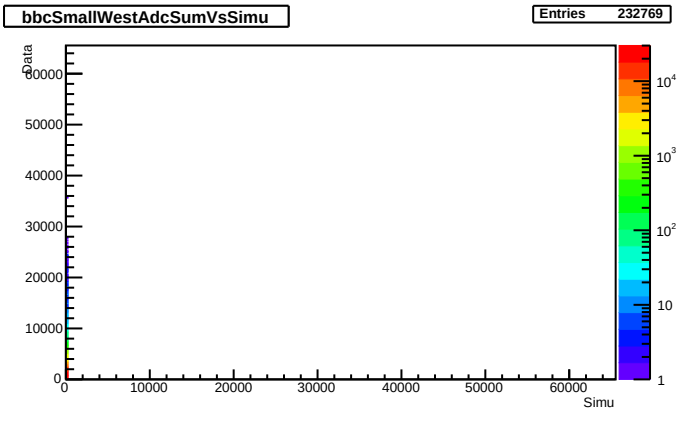
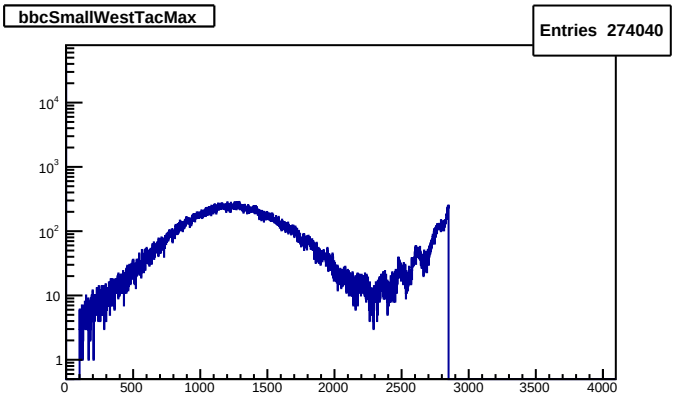
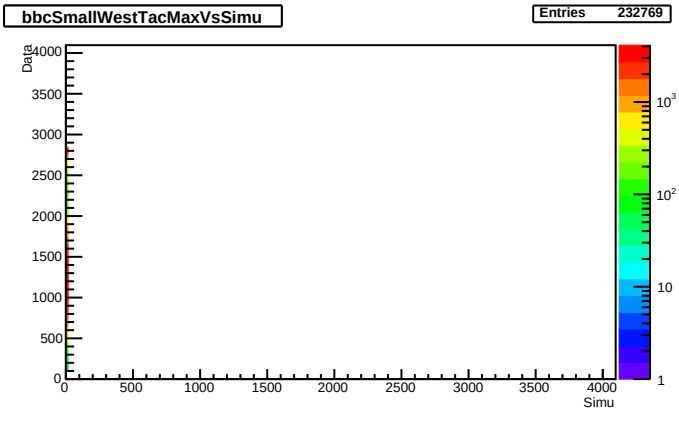
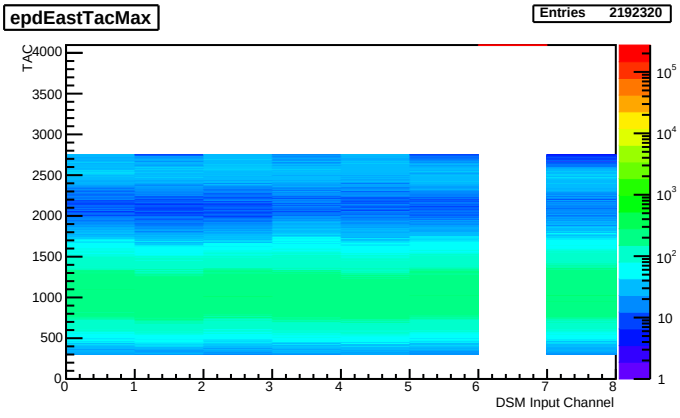
Entries 233959
Data
Simu

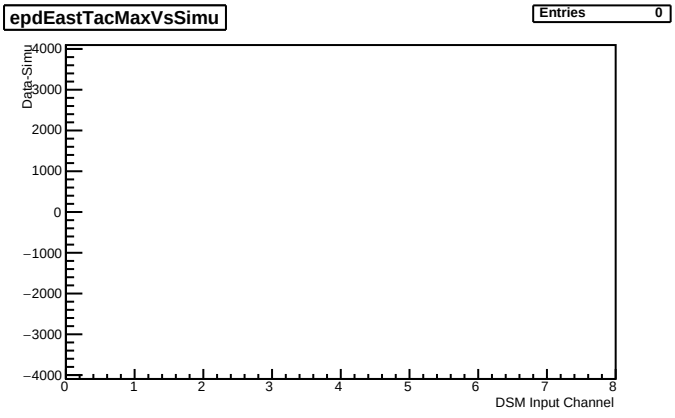

bbcSmallWestAdcSum
Entries 274040

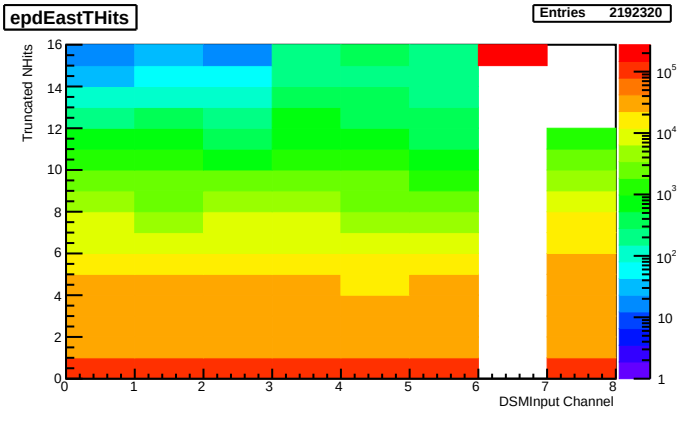

bbcSmallWestAdcSumVsSimu
Entries 232769
Data
Simu

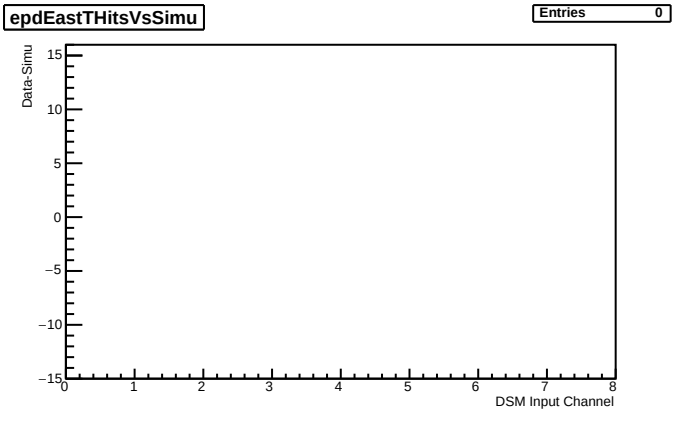

bbcSmallWestTacMax
Entries 274040


bbcSmallWestTacMaxVsSimu
Entries 232769
Data
Simu


epdEastTacMax
Entries 2192320
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2192320
Truncated NHits
DSMInput Channel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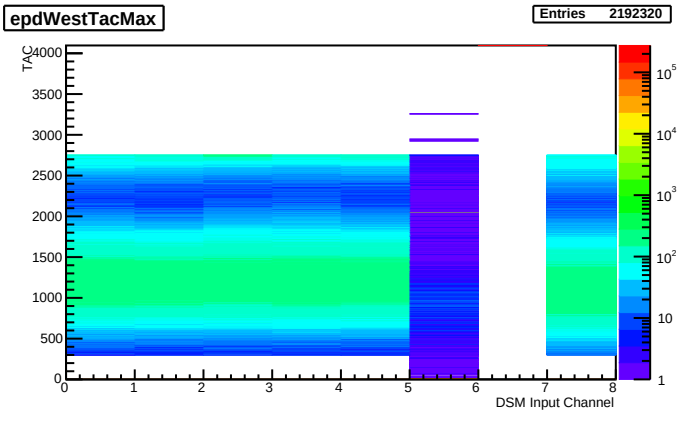
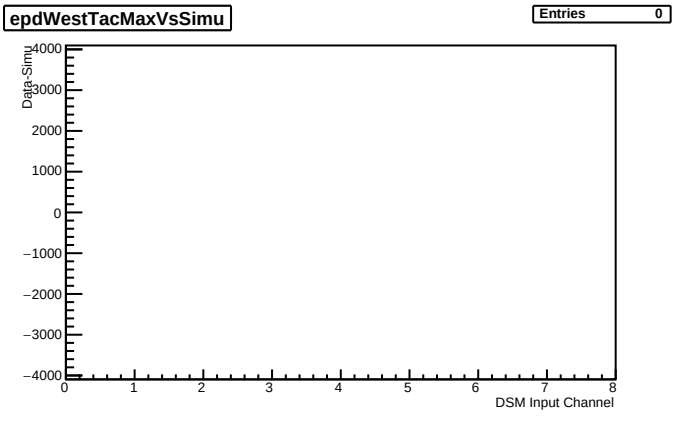
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2192320
TAC
DSM Input Channel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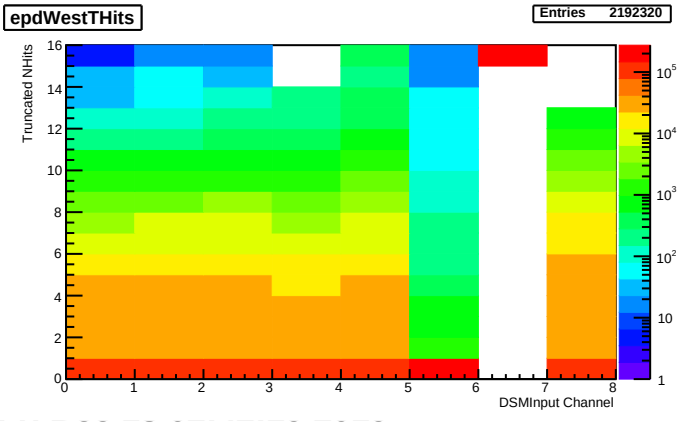
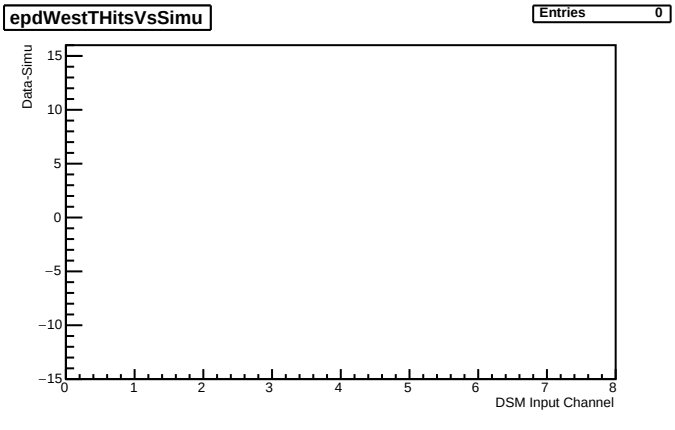
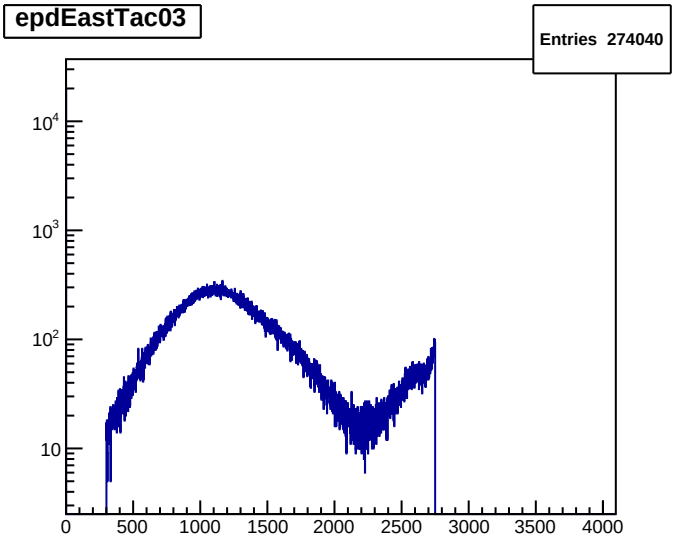
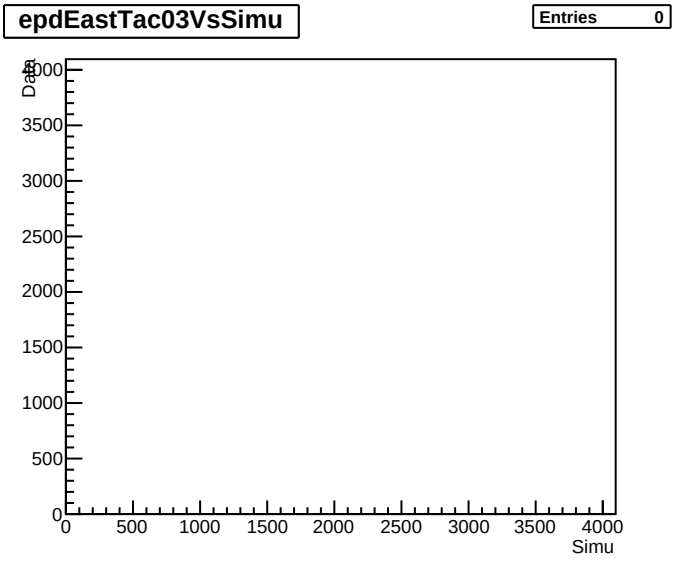
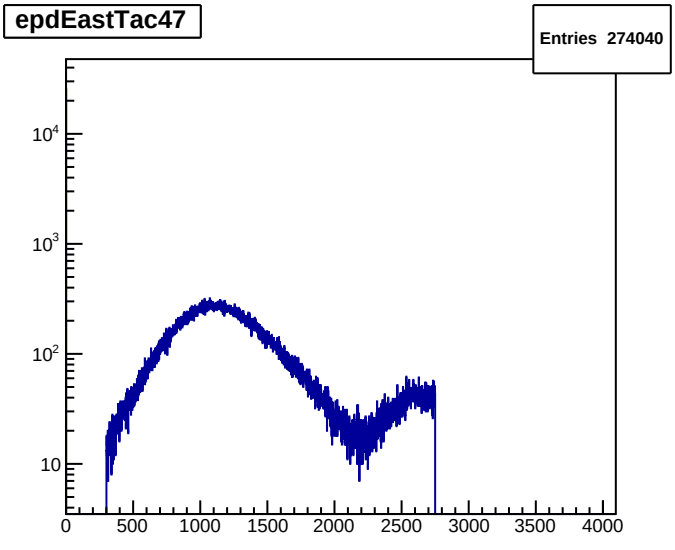
Entries 0
Data-Simu
DSM Input Channel

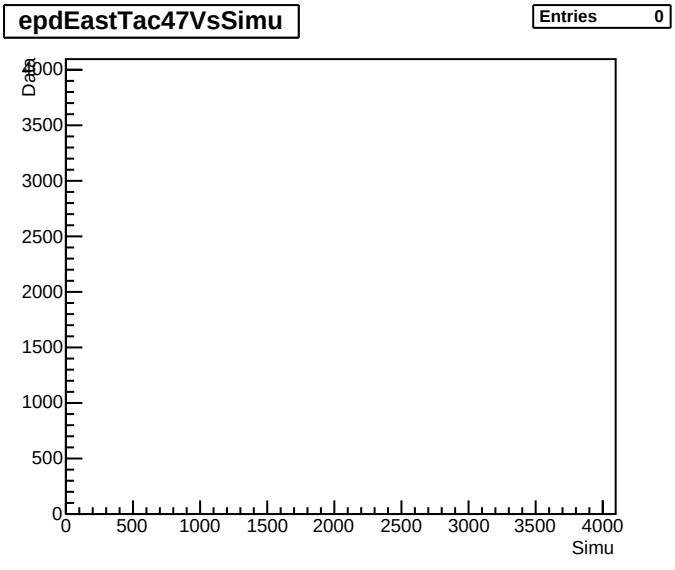

epdWestTHits
Entries 2192320
Truncated NHits
DSMInput Channel

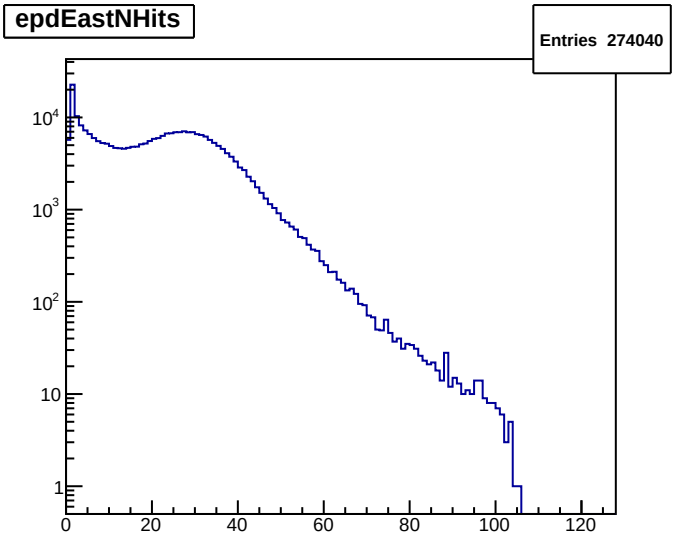

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

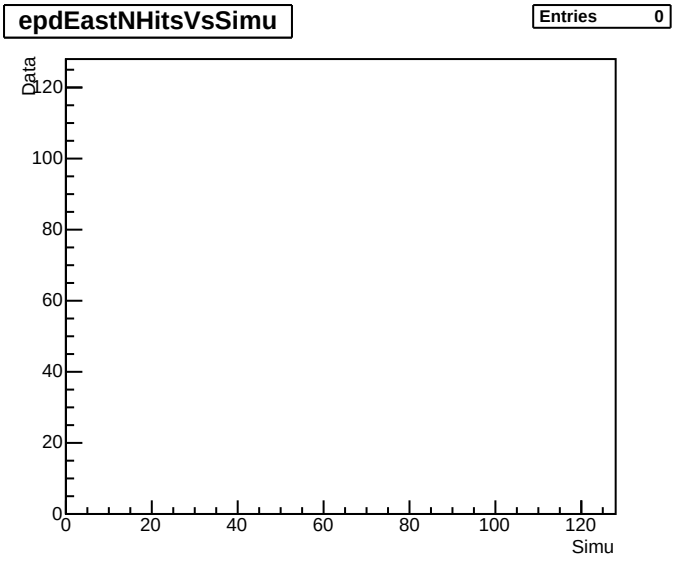

epdEastTac03
Entries 274040


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 274040


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 274040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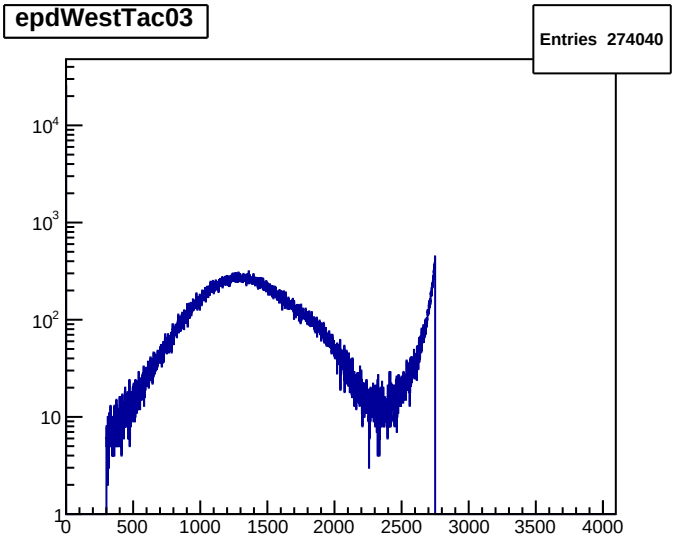
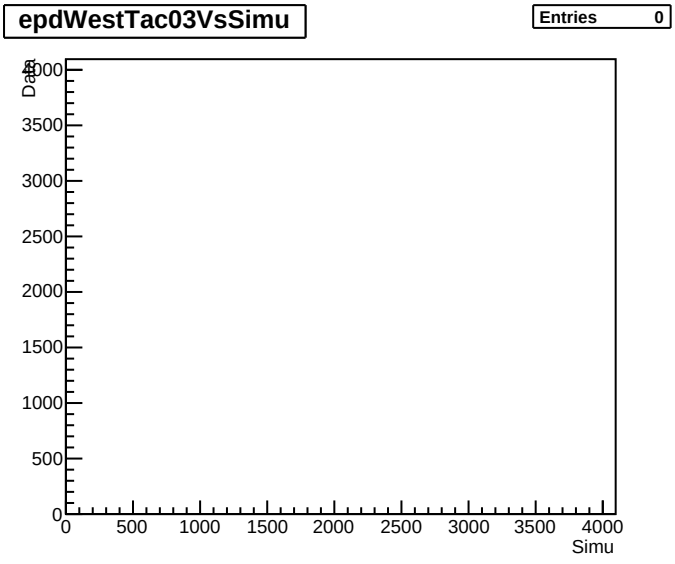
Entries 0
Data
Simu


epdWestTac03
Entries 274040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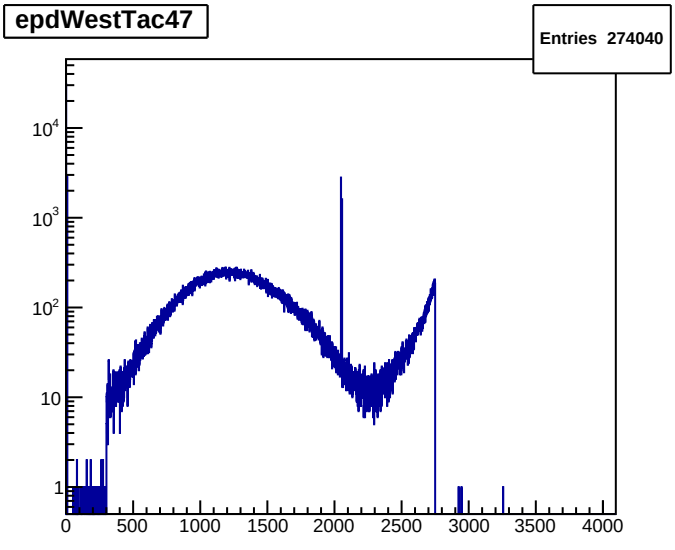
Entries 0
Data
Simu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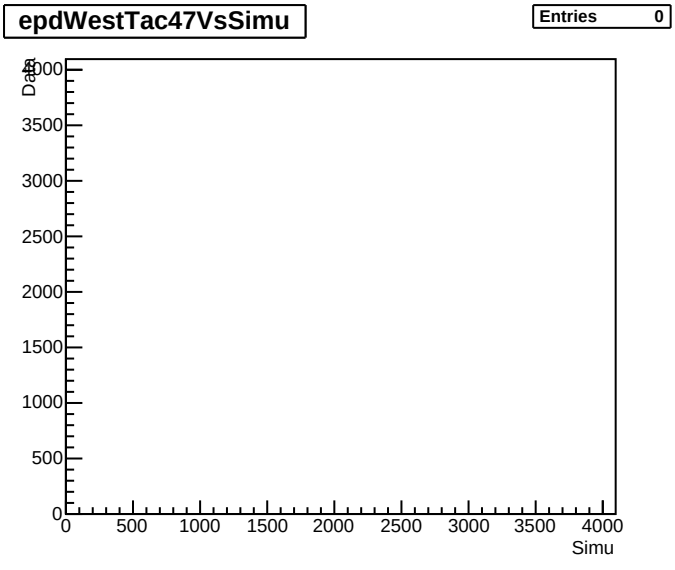
Entries 274040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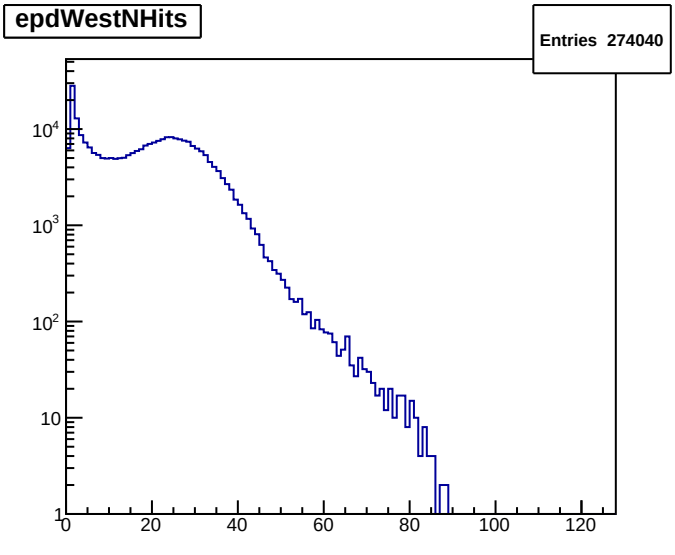
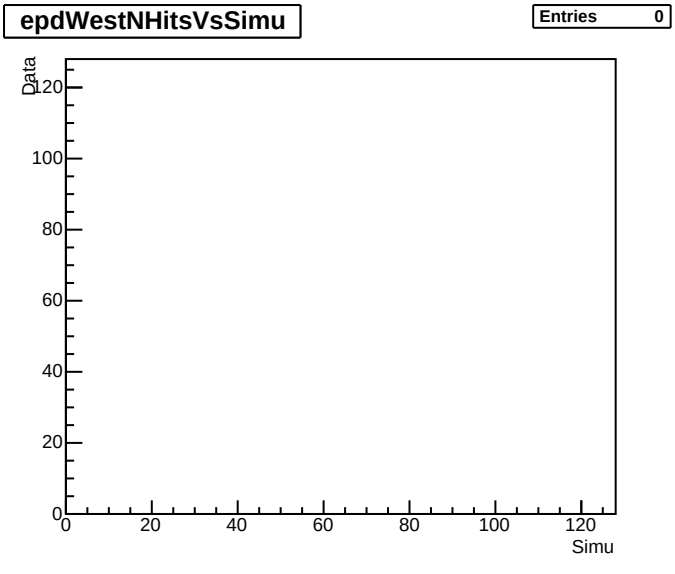
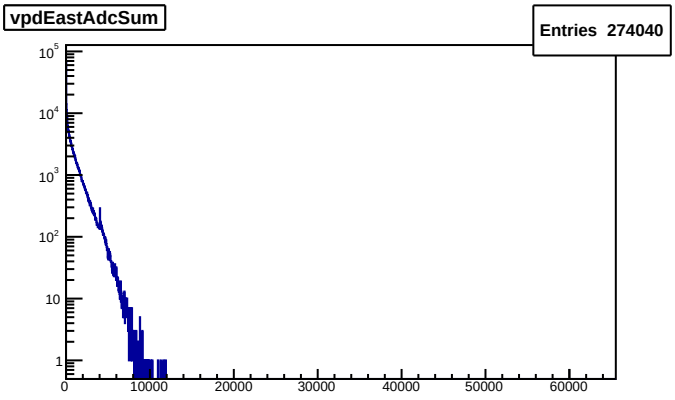
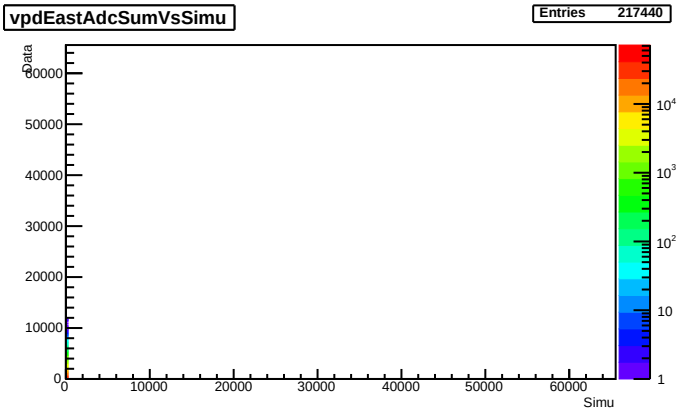
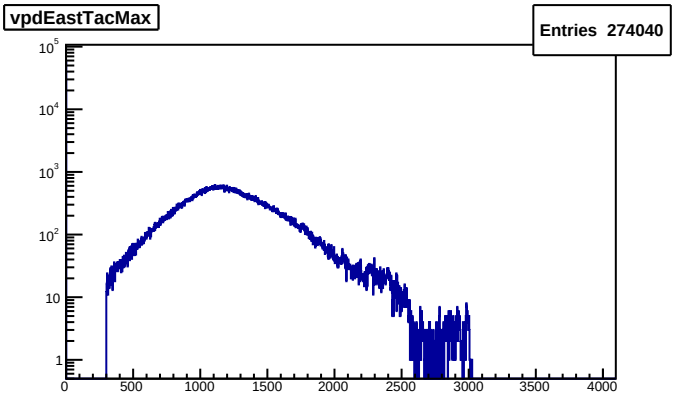
Entries 0
Data
Simu

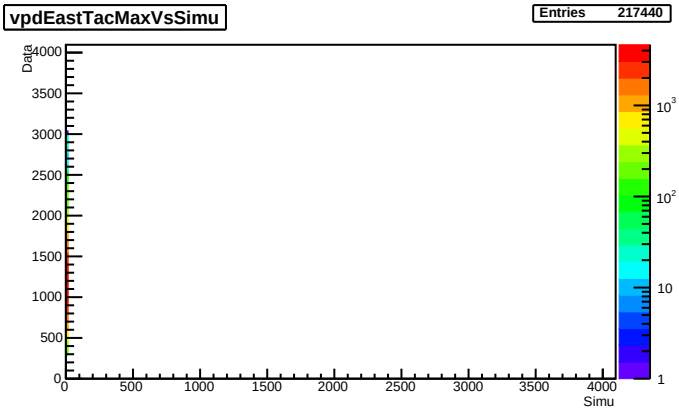

epdWestNHits
Entries 274040

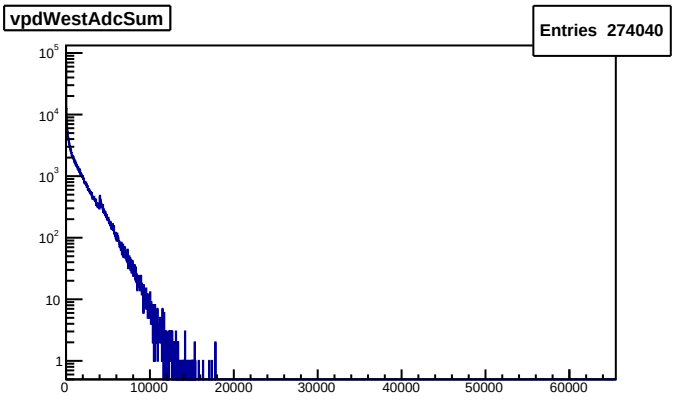

epdWestNHitsVsSimu
Entries 0
Data
Simu

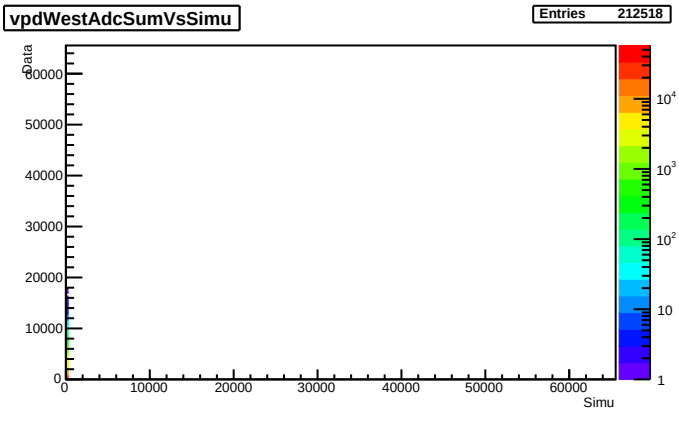

vpdEastAdcSum
Entries 274040

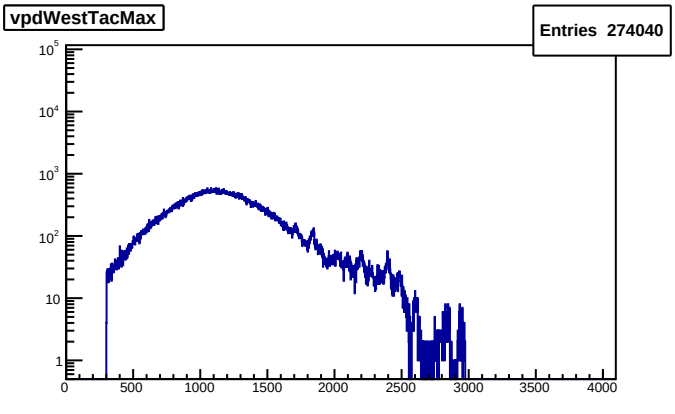

vpdEastAdcSumVsSimu
Entries 217440
Data
Simu

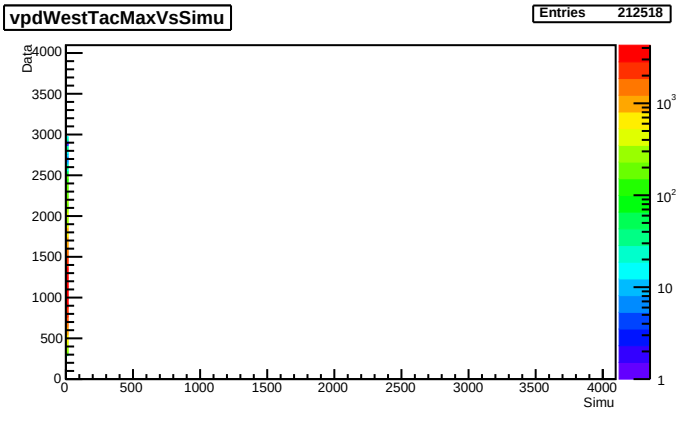

vpdEastTacMax
Entries 274040

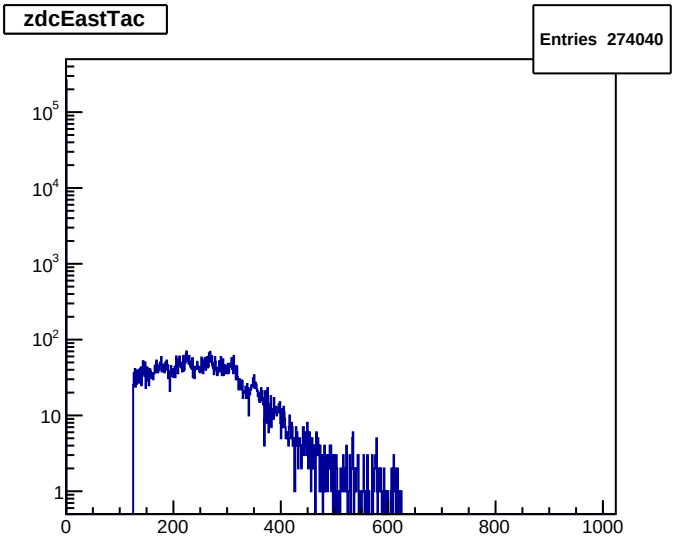

vpdEastTacMaxVsSimu
Entries 217440
Data
Simu

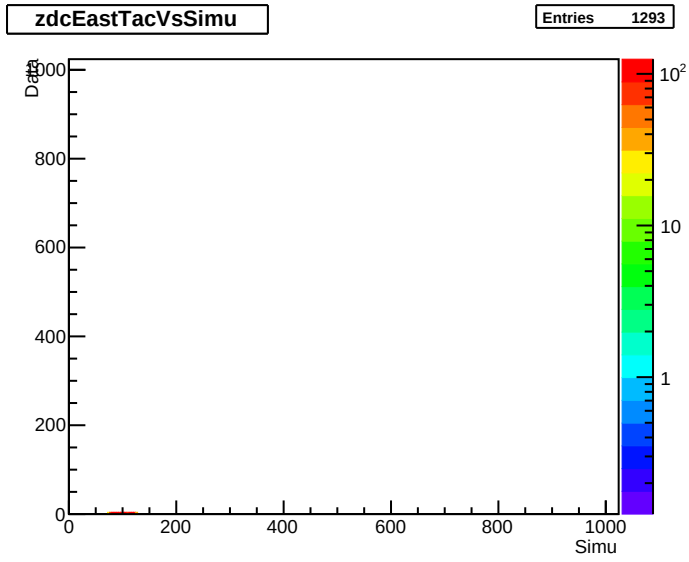

vpdWestAdcSum
Entries 274040

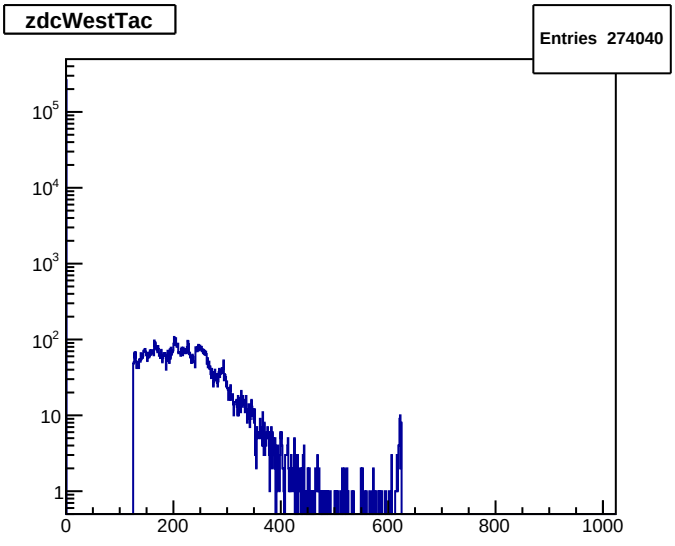

vpdWestAdcSumVsSimu
Entries 212518
Data
Simu

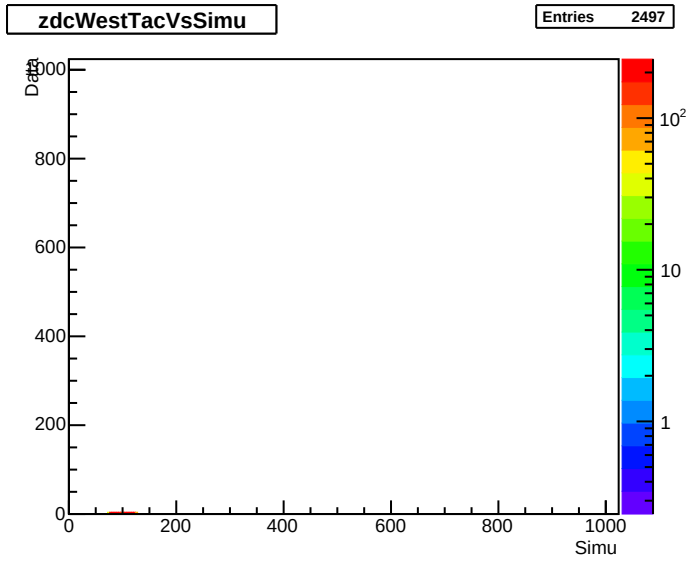

vpdWestTacMax
Entries 274040

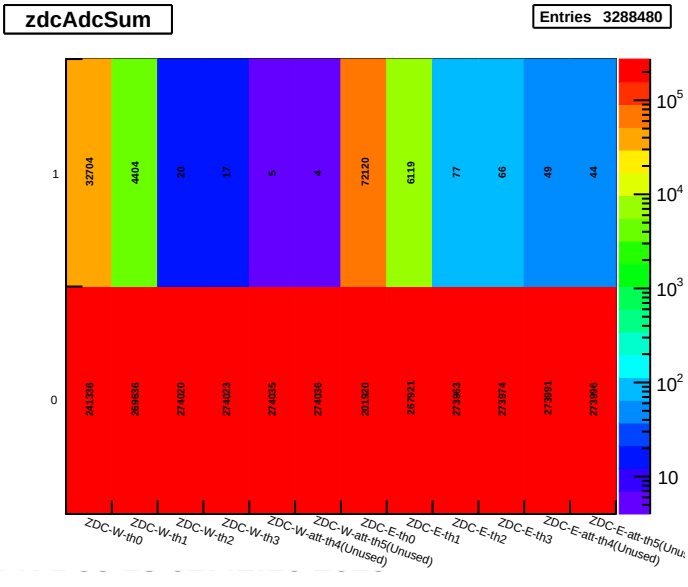

vpdWestTacMaxVsSimu
Entries 212518
Data
Simu

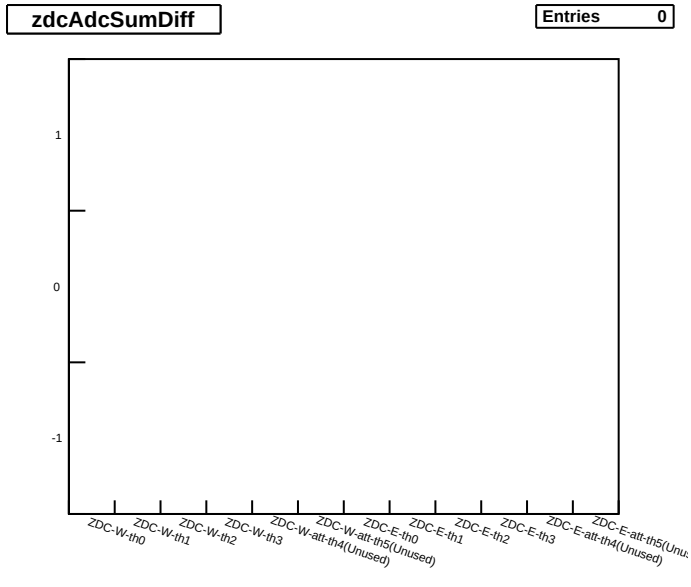

zdcEastTac
Entries 274040

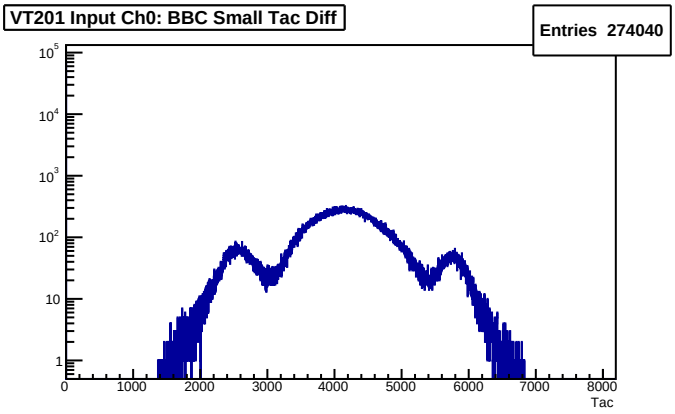

zdcEastTacVsSimu
Entries 1293
Data
Simu

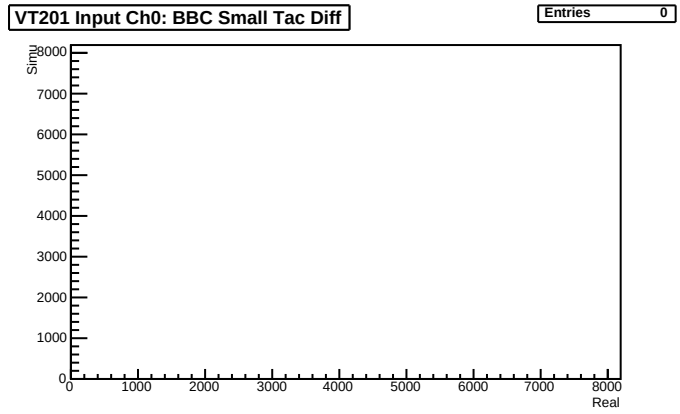

zdcWestTac
Entries 274040

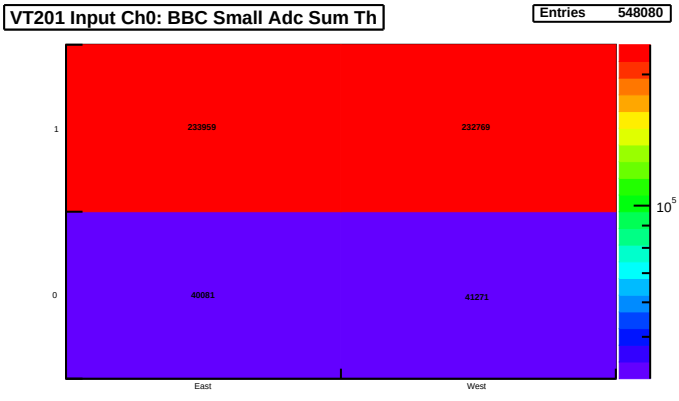

zdcWestTacVsSimu
Entries 2497
Data
Simu

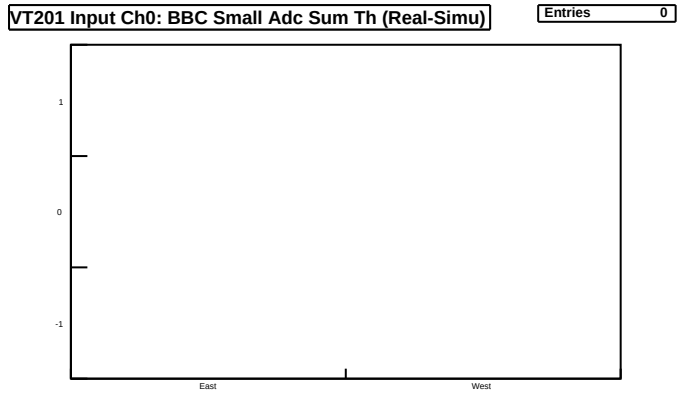

zdcAdcSum
Entries 3288480
32704
4404
20
17
5
4
72120
6119
77
66
49
44
241336
269636
274020
274023
274035
274036
201820
267921
273963
273974
273991
273996
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

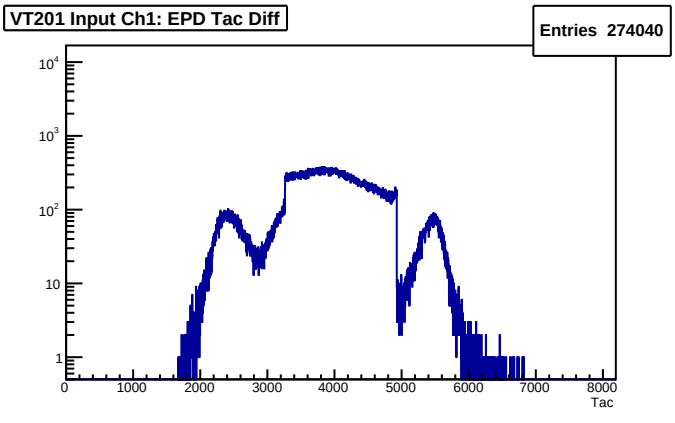

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

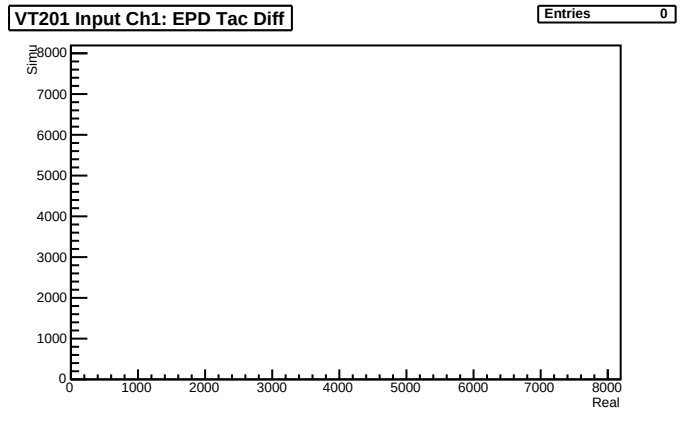

VT201 Input Ch0: BBC Small Tac Diff
Entries 274040
Tac

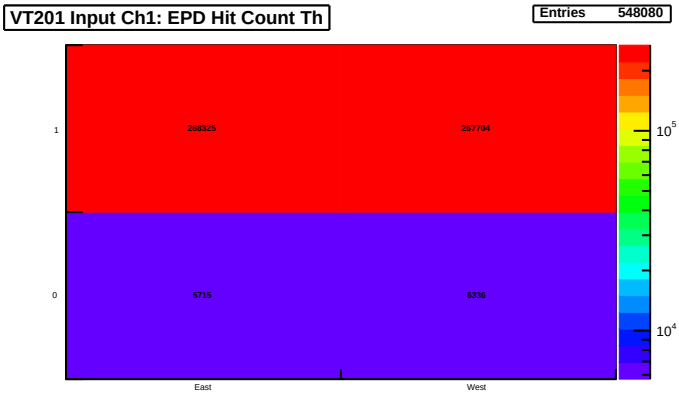

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

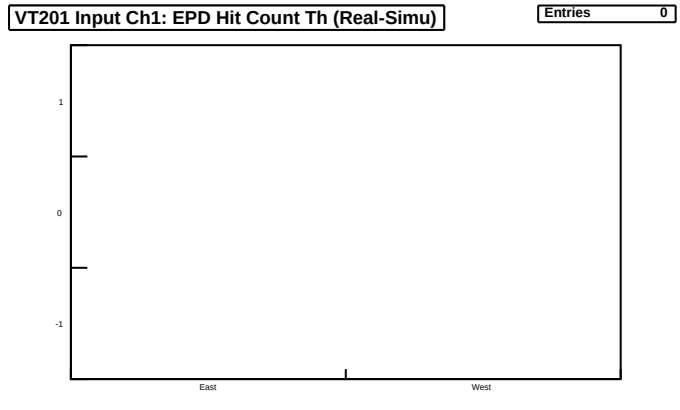

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 548080
233959
232769
40081
41271
East
West

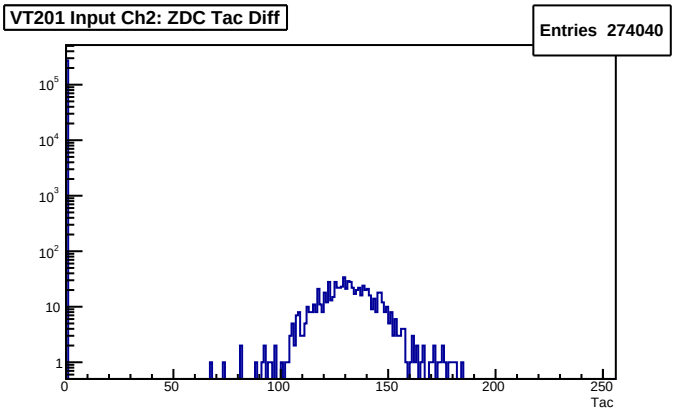

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

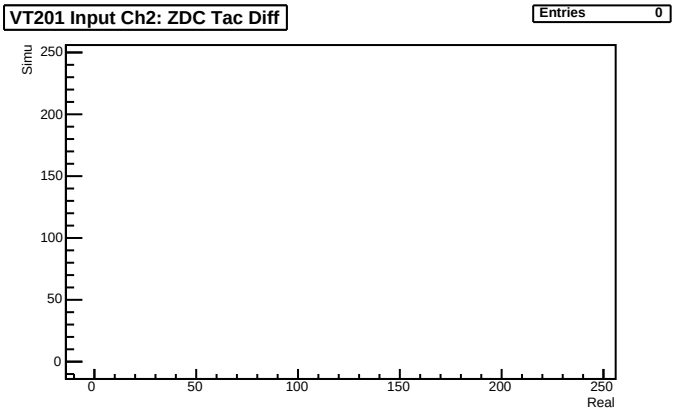

VT201 Input Ch1: EPD Tac Diff
Entries 274040
Tac

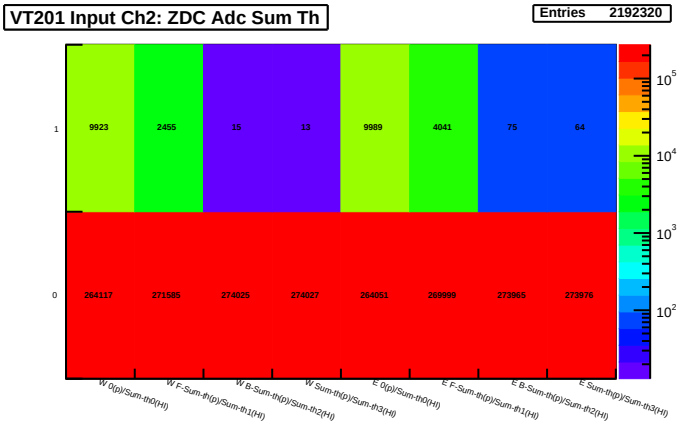

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

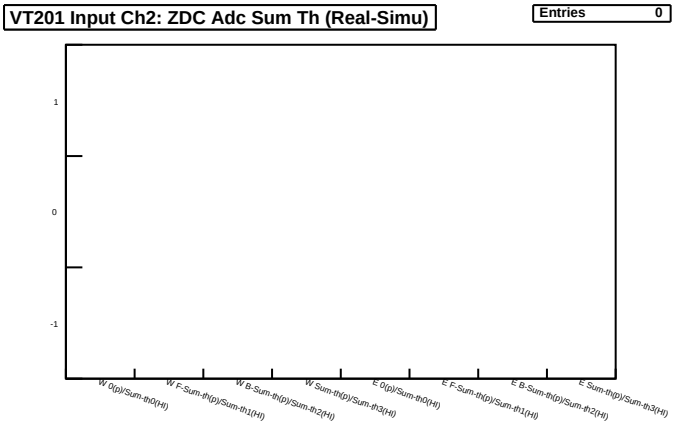

VT201 Input Ch1: EPD Hit Count Th
Entries 548080
268325
267704
5715
6336
East
West

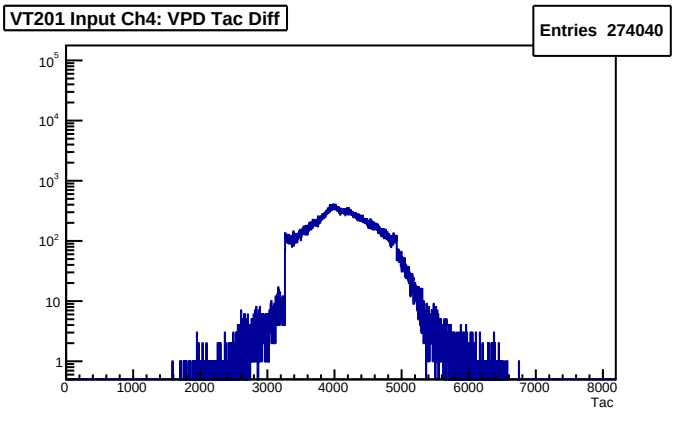

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

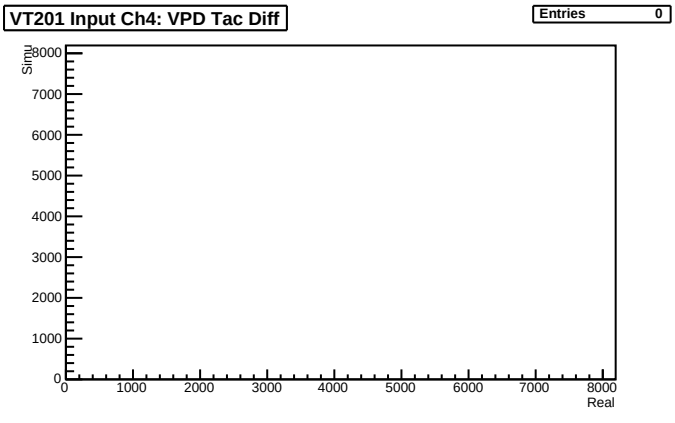

VT201 Input Ch2: ZDC Tac Diff
Entries 274040
Tac

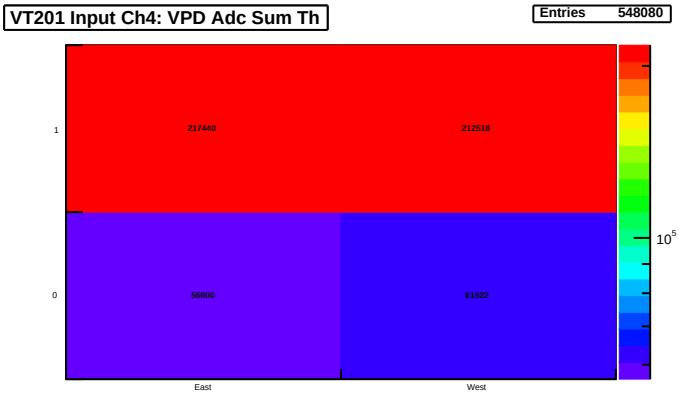

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

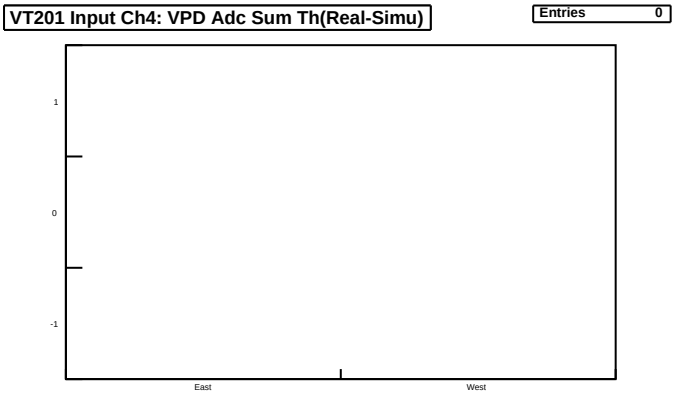

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2192320
9923
2455
15
13
9989
4041
75
64
264117
271585
274025
274027
264051
269999
273965
273976
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

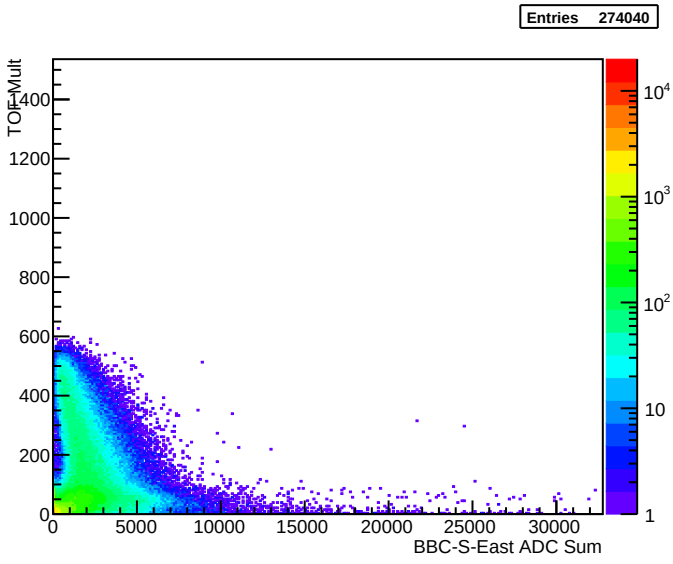

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

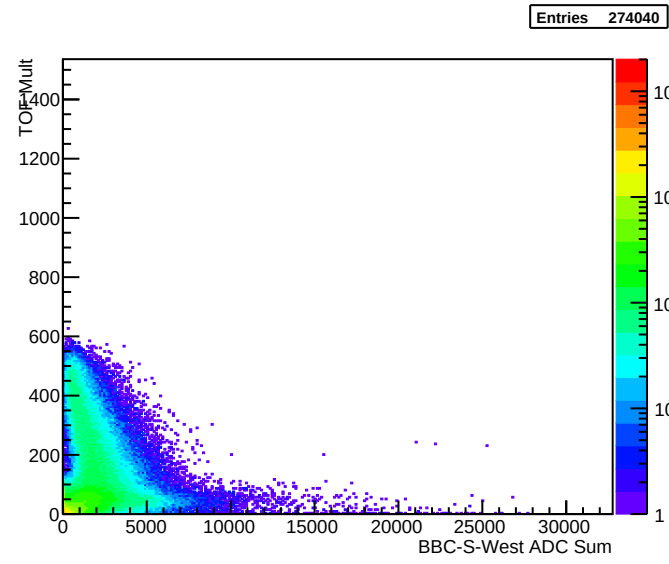

VT201 Input Ch4: VPD Tac Diff
Entries 274040
Tac

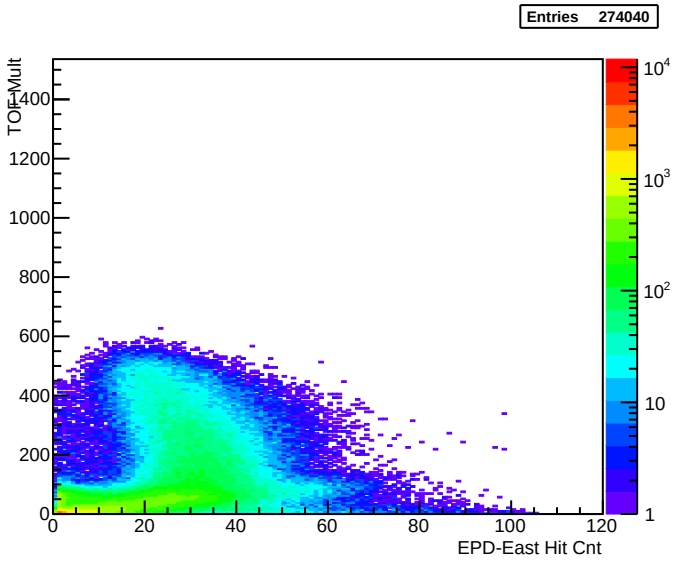

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

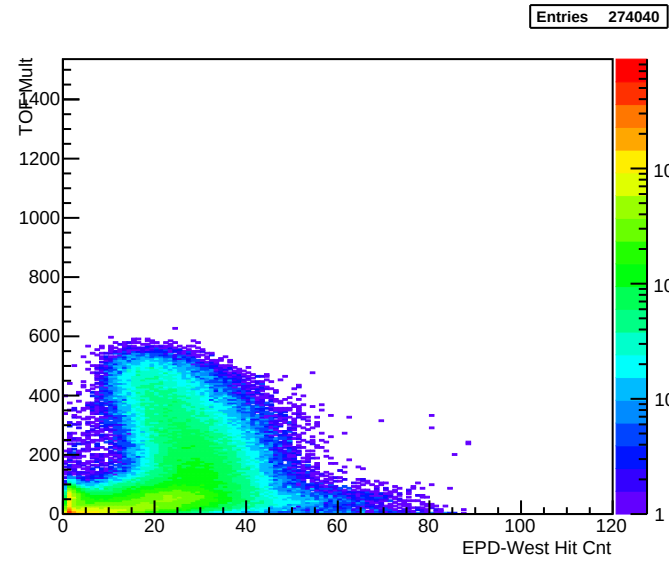

VT201 Input Ch4: VPD Adc Sum Th
Entries 548080
217440
212518
56600
61522
East
West

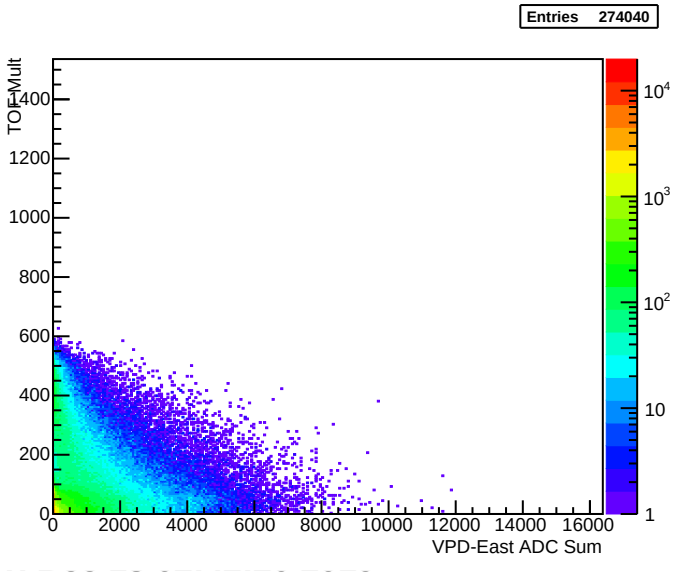

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

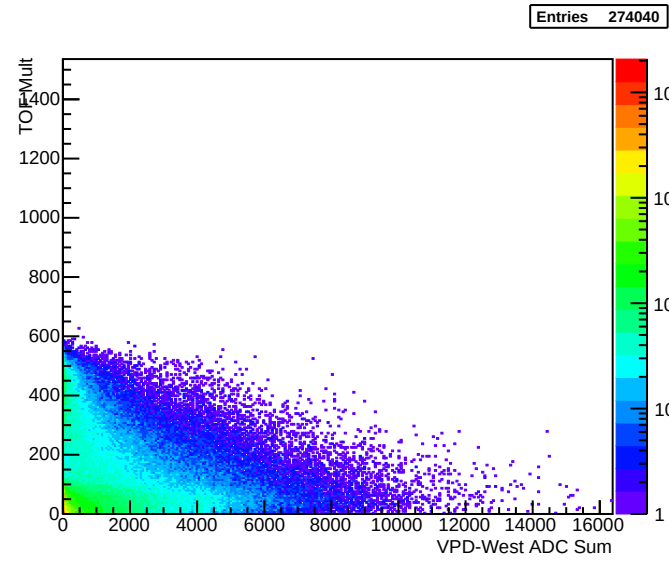

Entries 274040
TOF-Mult
BBC-S-East ADC Sum

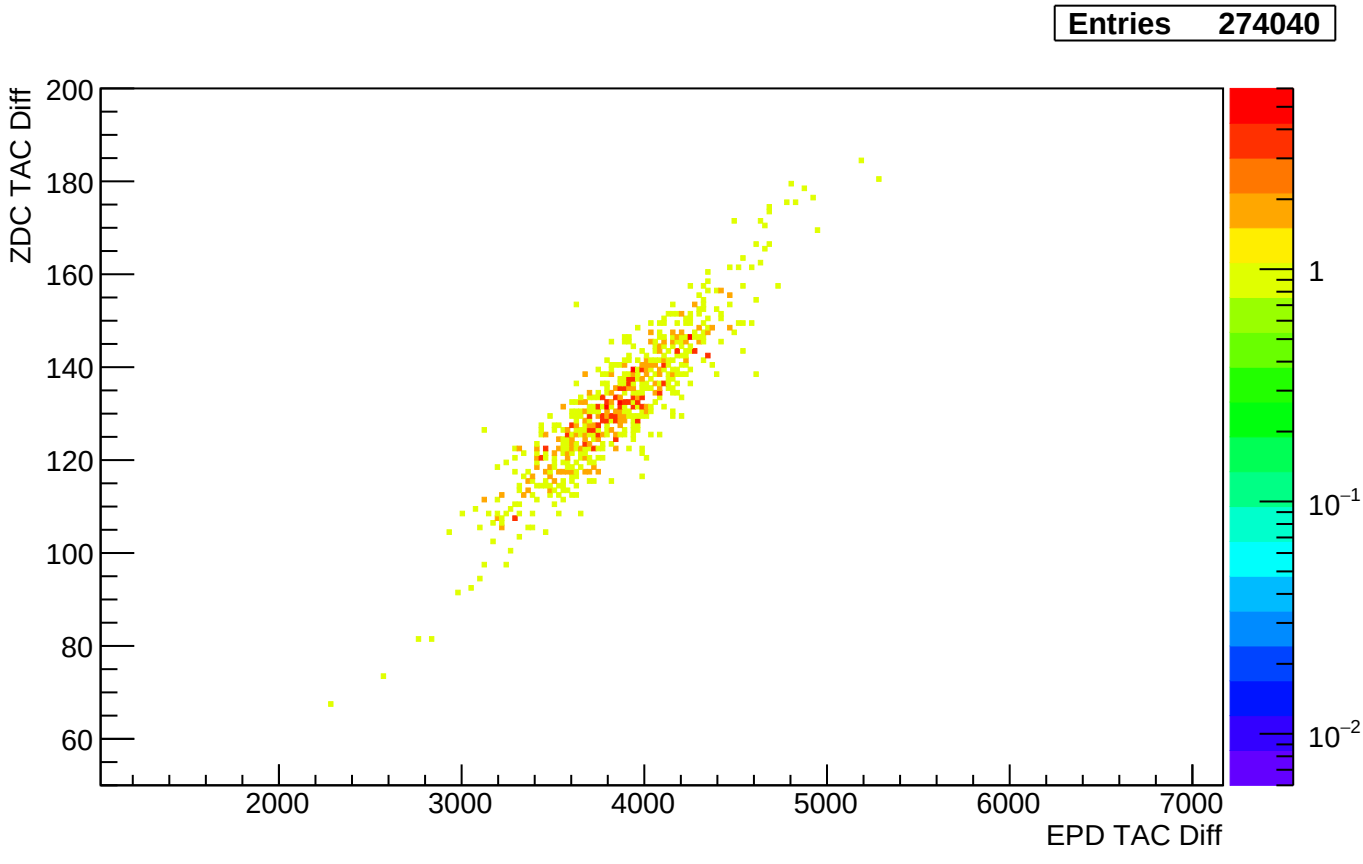

Entries 274040
TOF-Mult
BBC-S-West ADC Sum

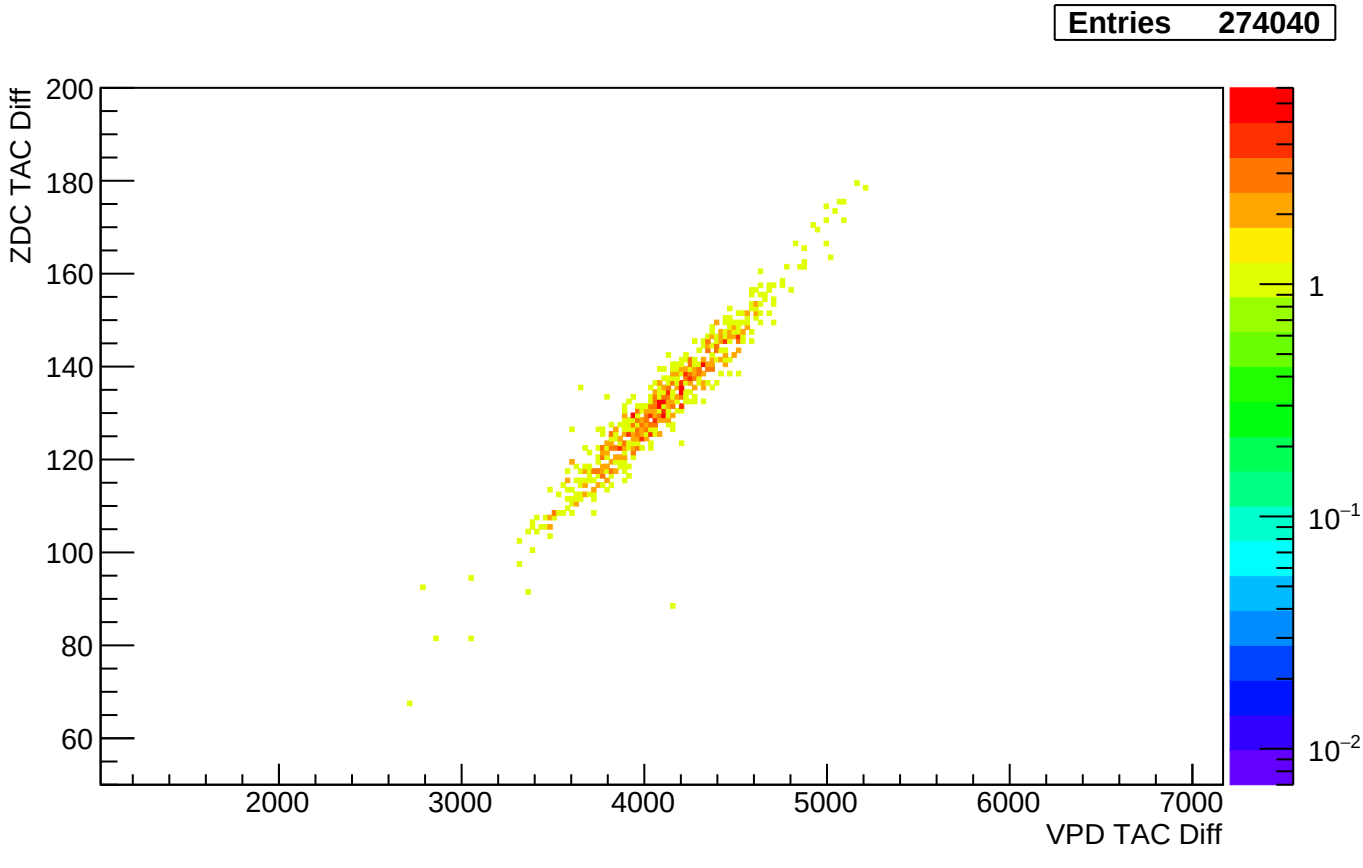

Entries 274040
TOF-Mult
EPD-East Hit Cnt

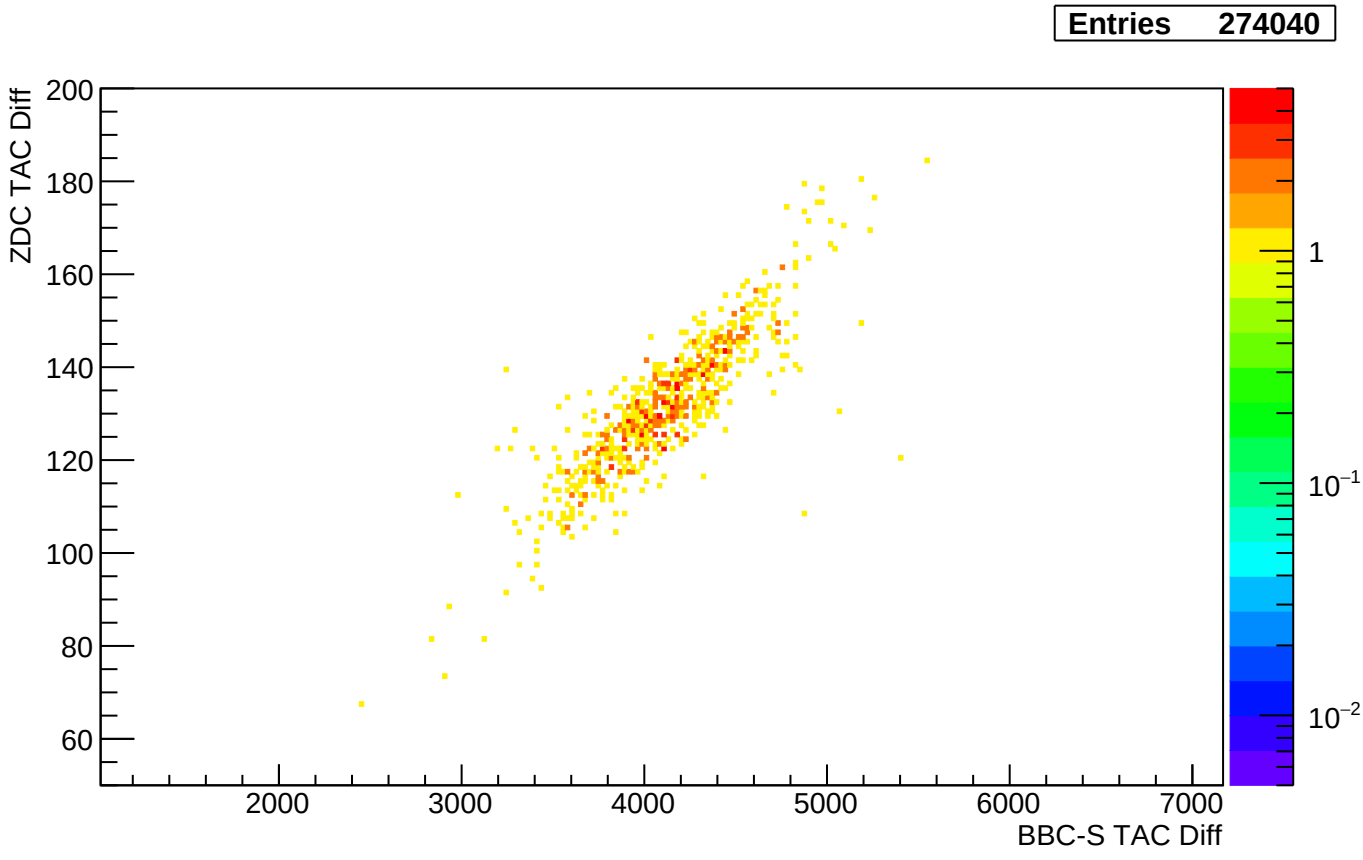

Entries 274040
TOF-Mult
EPD-West Hit Cnt

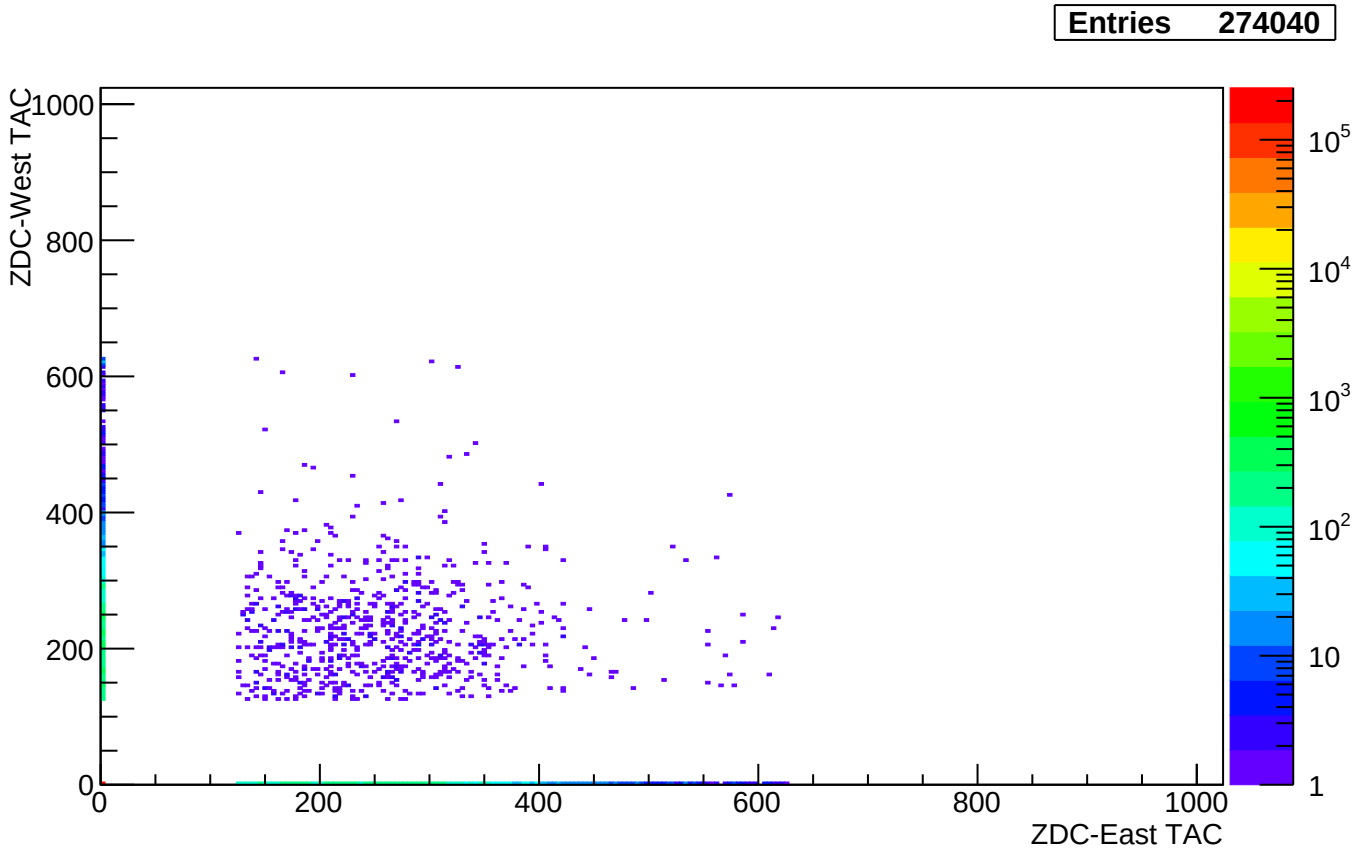

Entries 274040
TOF-Mult
VPD-East ADC Sum

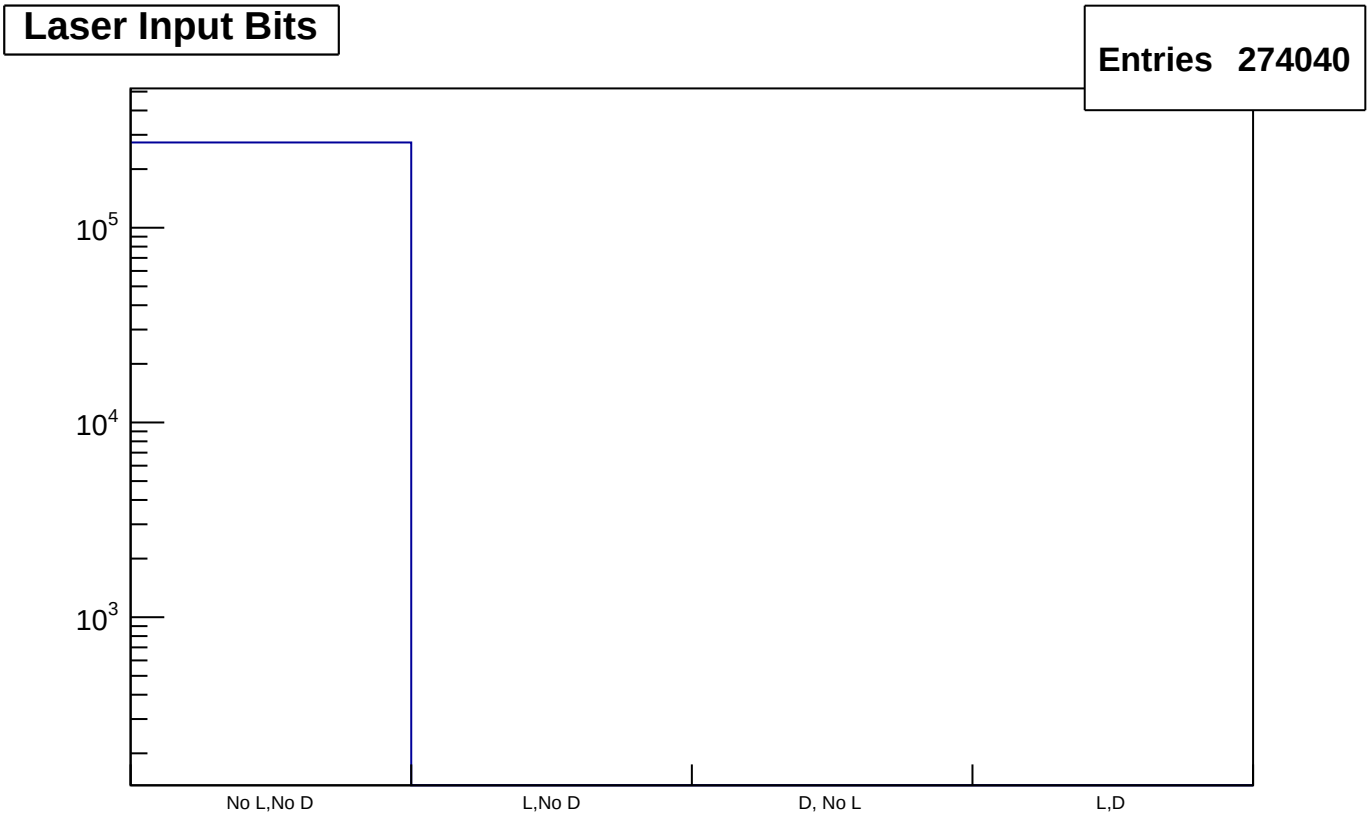

Entries 274040
TOF-Mult
VPD-West ADC Sum

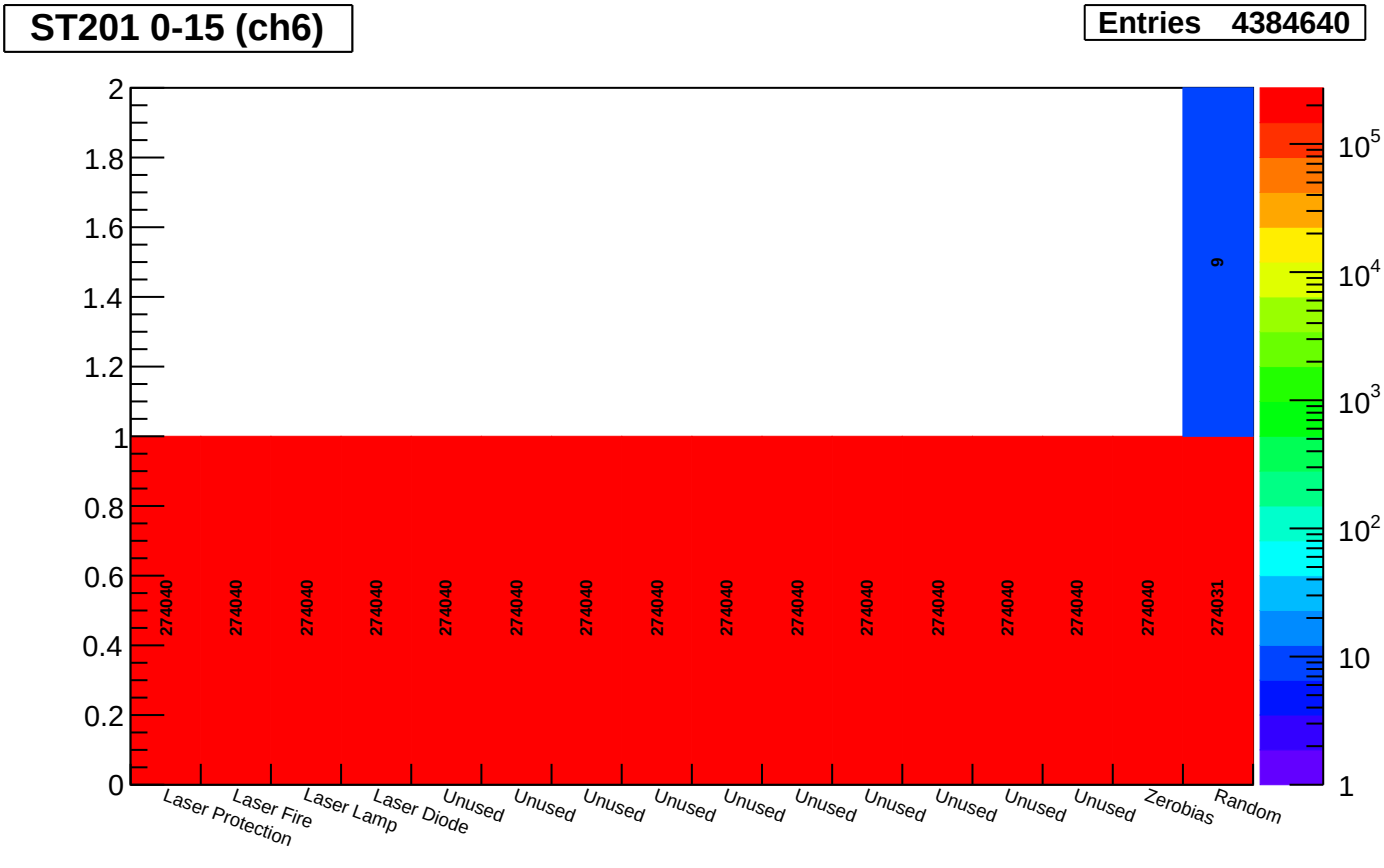

Entries 274040
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

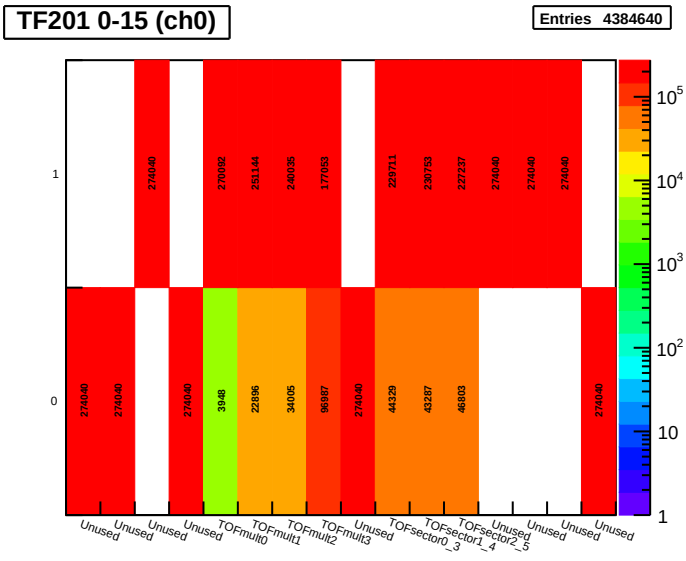

Entries 274040
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

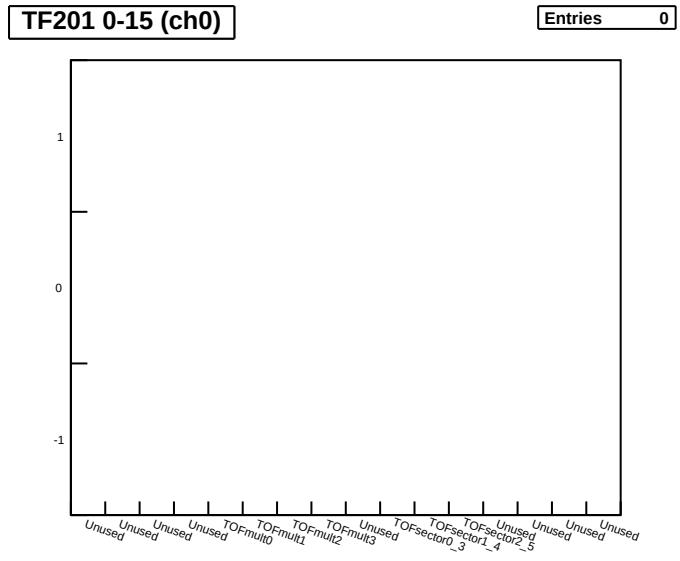

Entries 274040
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

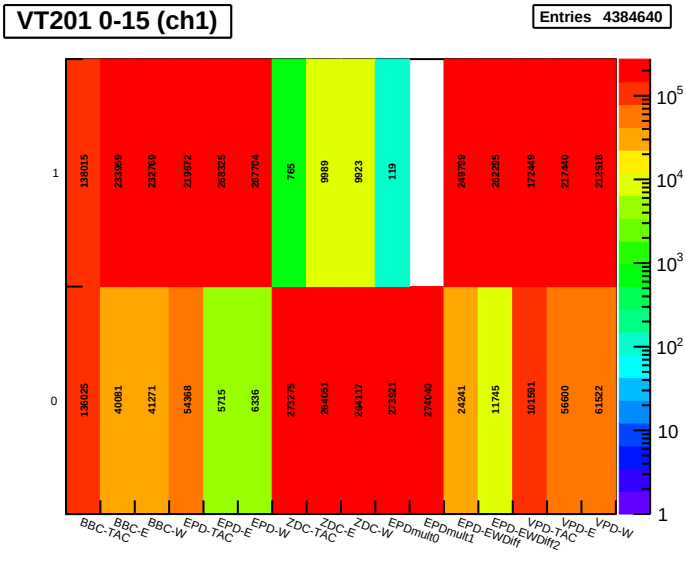

Entries 274040
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

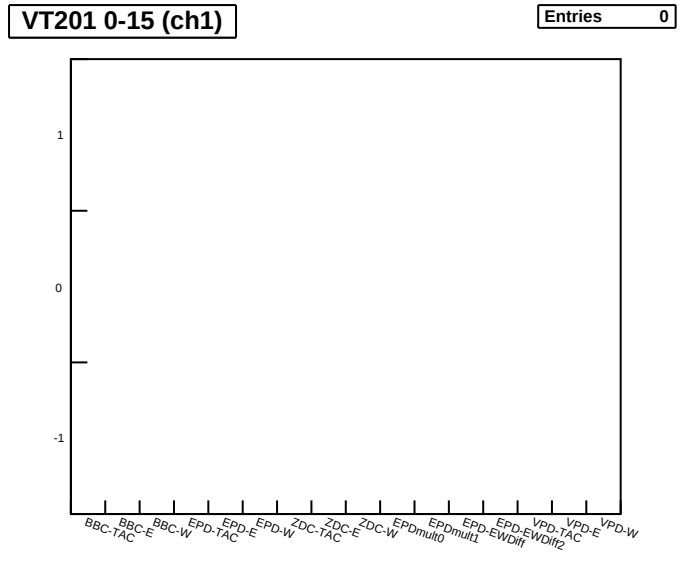

Laser Input Bits
Entries 274040
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

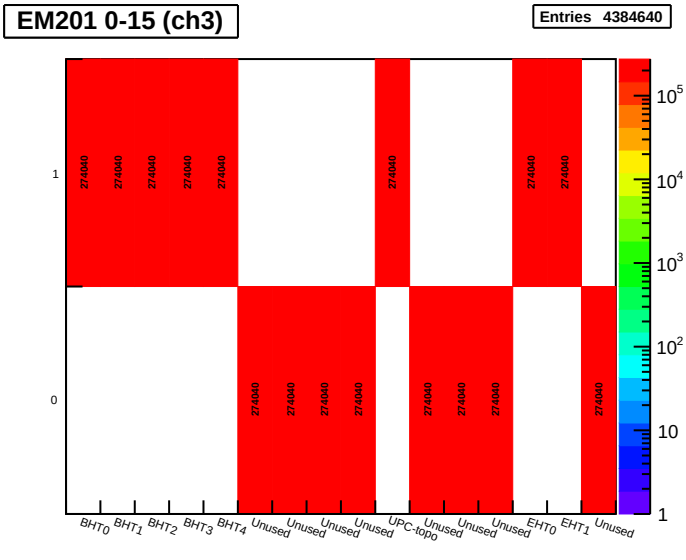

ST201 0-15 (ch6)
Entries 4384640
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
274040
274031
6
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

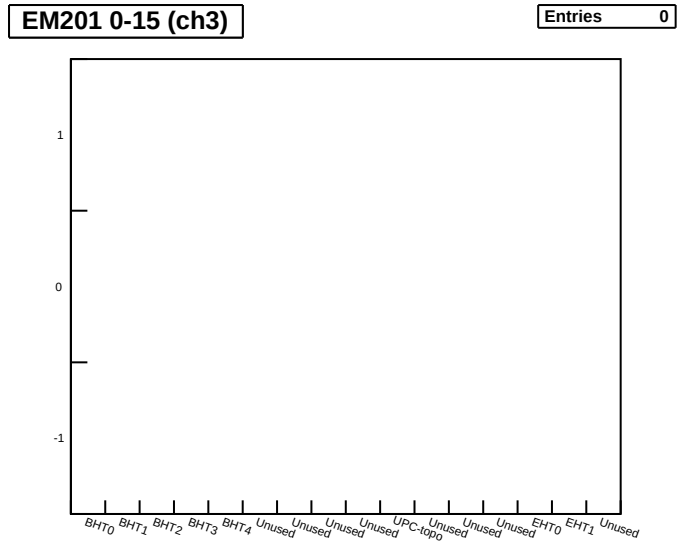

TF201 0-15 (ch0)
Entries 4384640
1
0
274040 270092 251144 240035 177053 229711 230753 227237 274040 274040 274040
274040 274040 274040 3948 22896 34005 96987 274040 44329 43287 46803 274040
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 4384640
1
0
138015 23959 232769 219672 268325 267704 765 9989 9923 119 249799 262295 172449 217440 212518
136025 40081 41271 54368 5715 6336 273275 264051 264117 273921 274040 24241 11745 101591 56600 61522
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 4384640
1
0
274040 274040 274040 274040 274040 274040 274040 274040
274040 274040 274040 274040 274040 274040 274040 274040
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