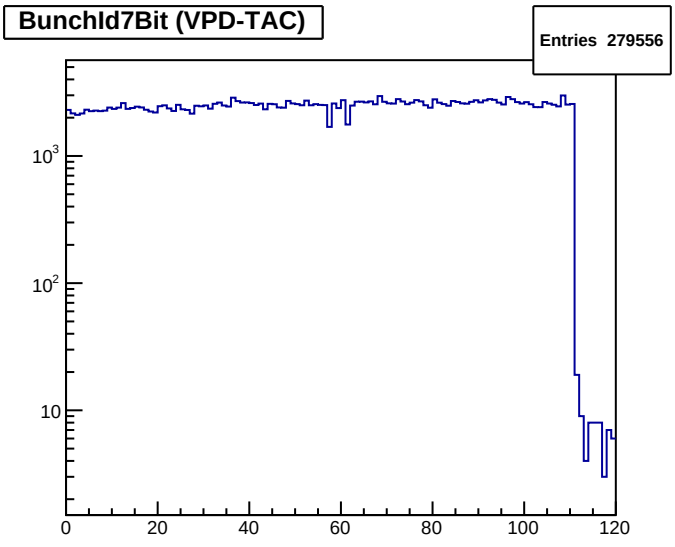
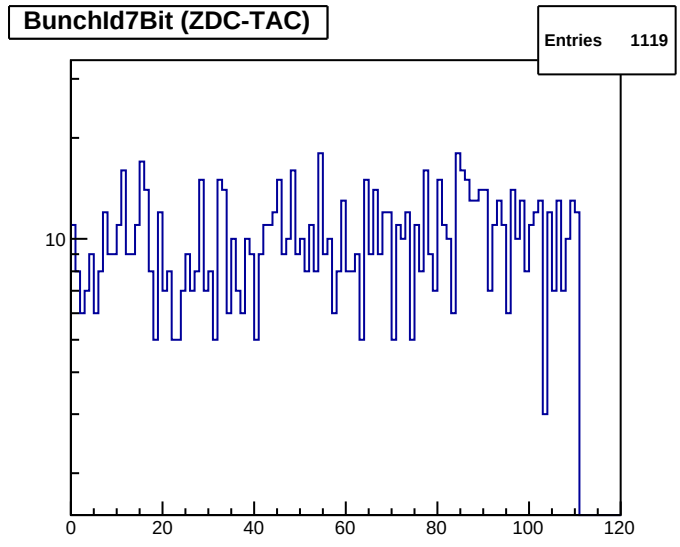
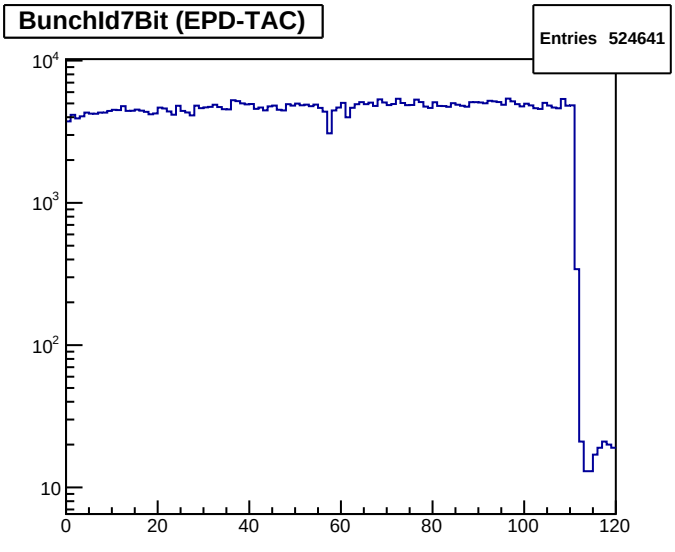
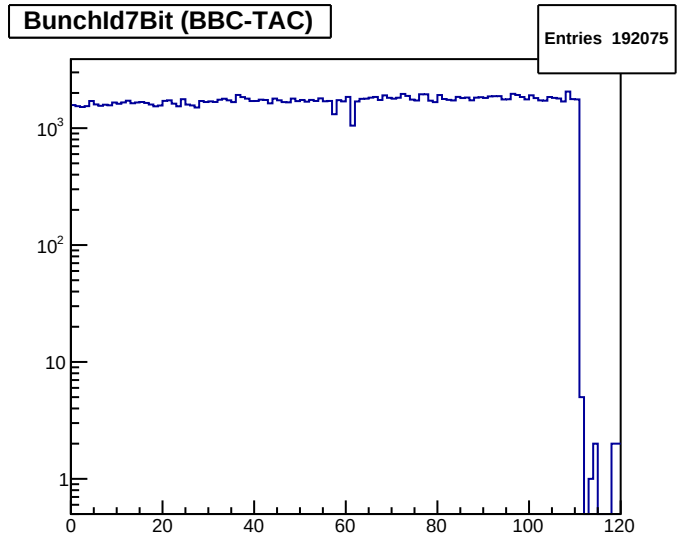
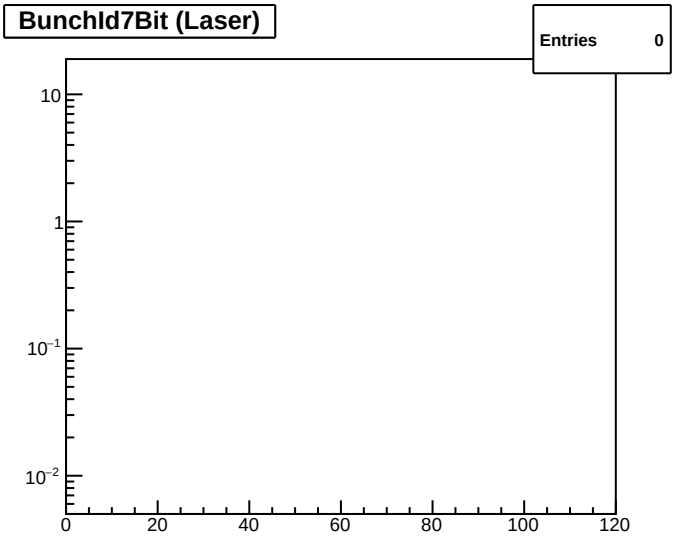
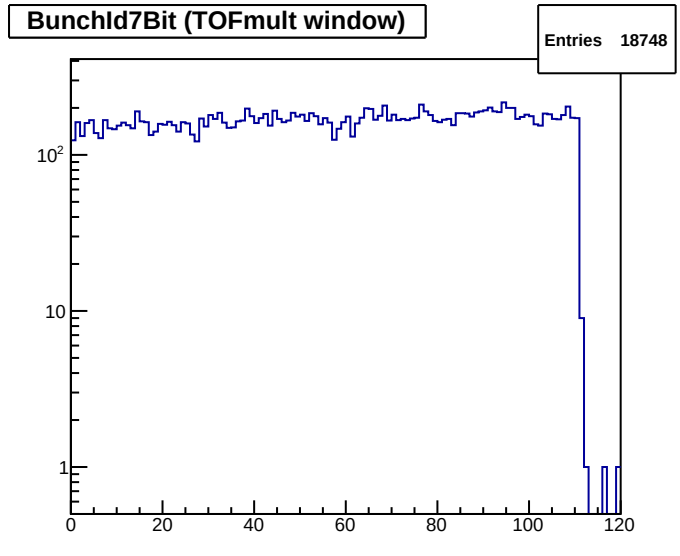

BunchId7Bit (VPD-TAC)
Entries 279556

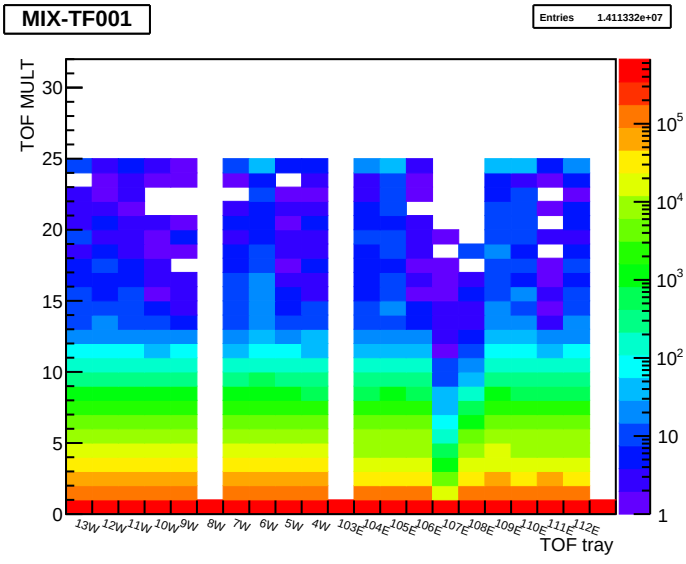

BunchId7Bit (ZDC-TAC)
Entries 1119

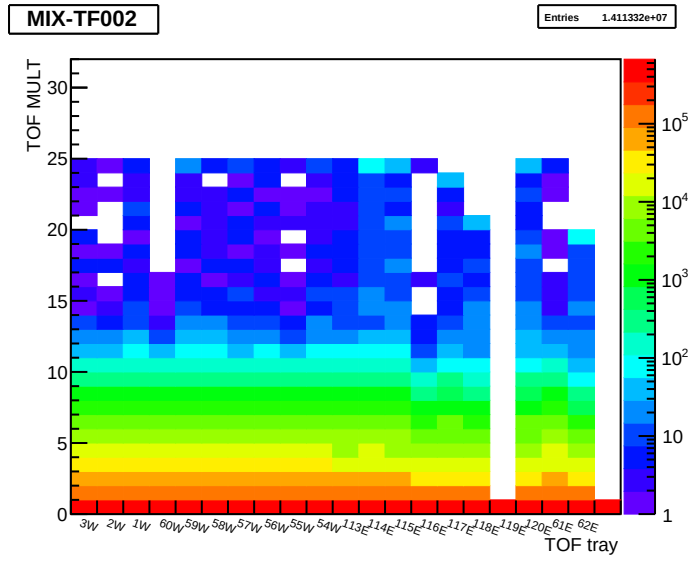

BunchId7Bit (EPD-TAC)
Entries 524641

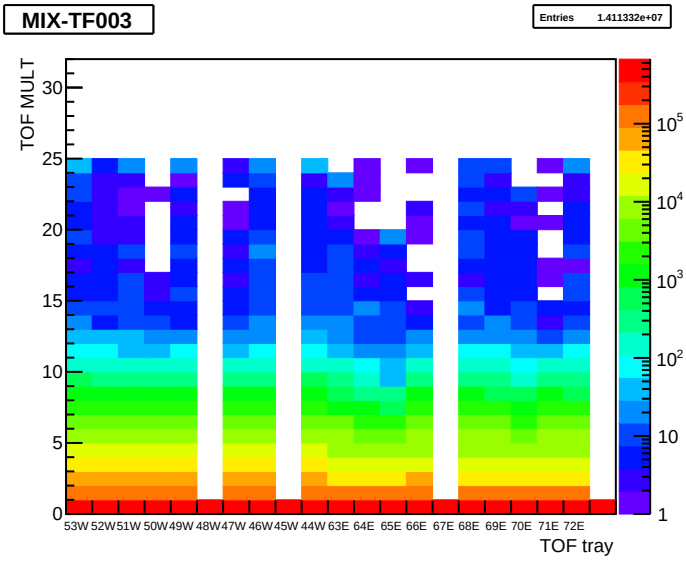

BunchId7Bit (BBC-TAC)
Entries 192075

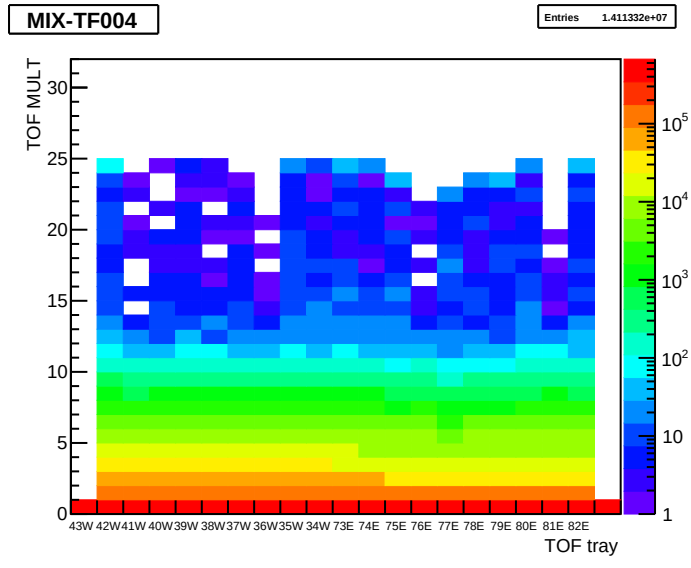

BunchId7Bit (Laser)
Entries 0

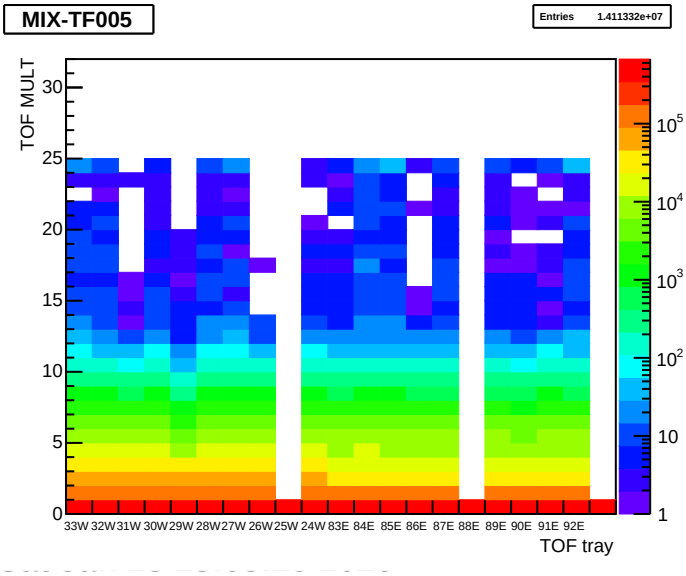

BunchId7Bit (TOFmult window)
Entries 18748

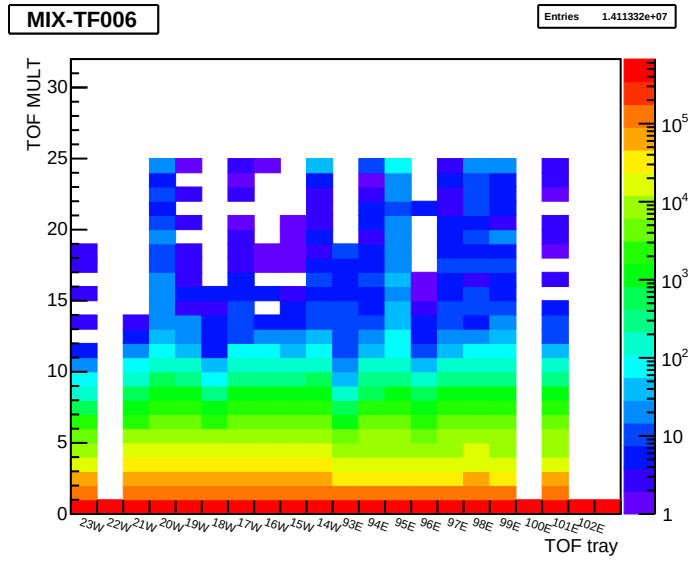

MIX-TF001
Entries 1.411332e+07
TOF MULT
TOF tray

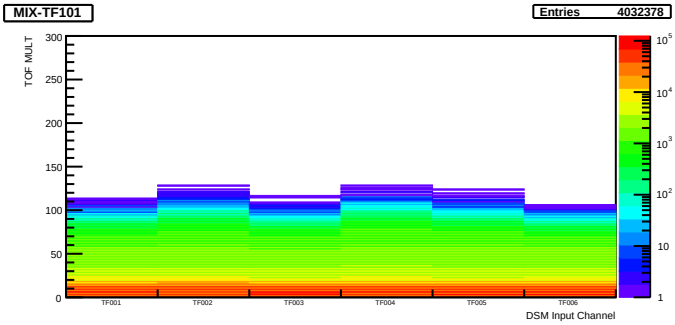

MIX-TF002
Entries 1.411332e+07
TOF MULT
TOF tray

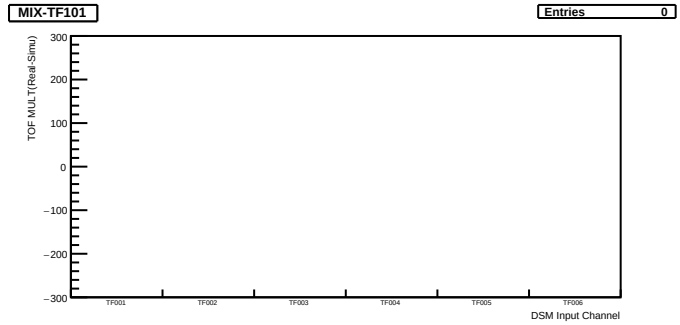

MIX-TF003
Entries 1.411332e+07
TOF MULT
TOF tray

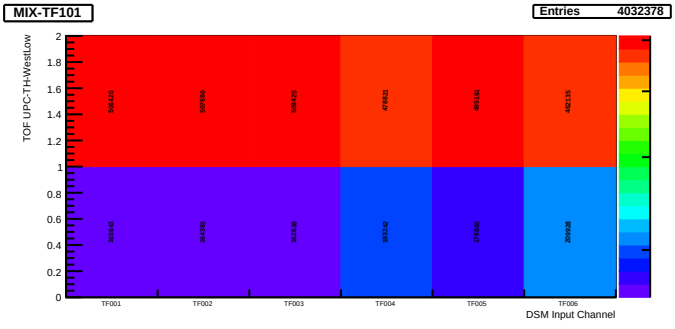

MIX-TF004
Entries 1.411332e+07
TOF MULT
TOF tray

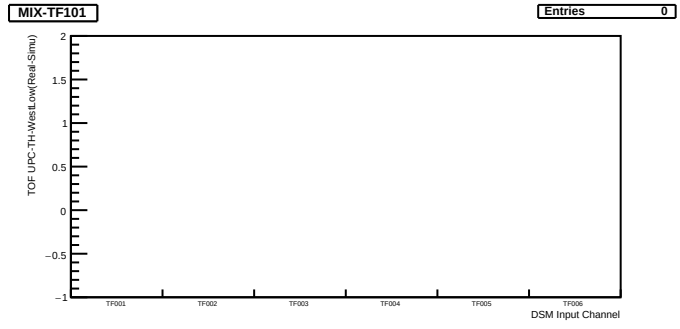

MIX-TF005
Entries 1.411332e+07
TOF MULT
TOF tray

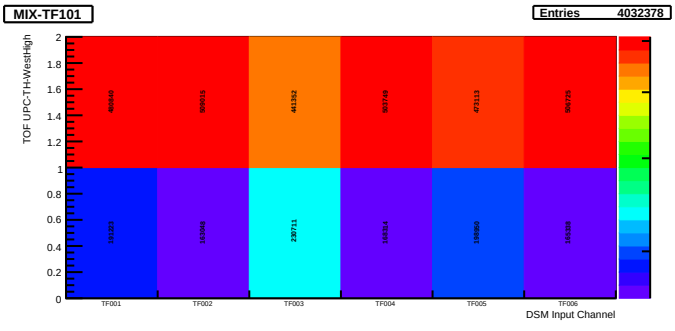

MIX-TF006
Entries 1.411332e+07
TOF MULT
TOF tray

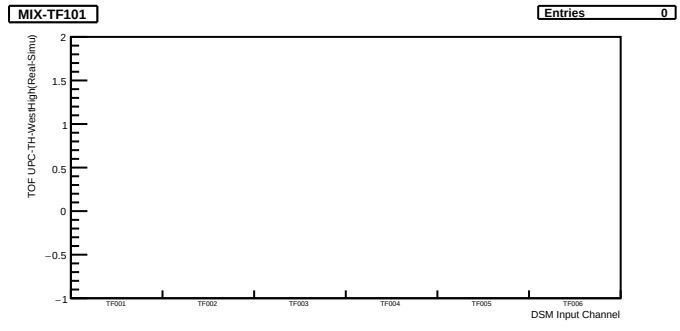

MIX-TF101
Entries 4032378
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

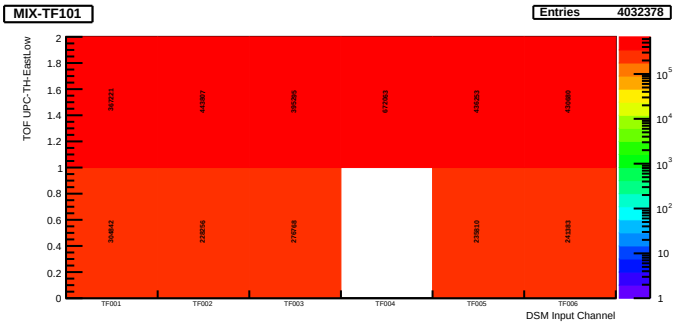

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

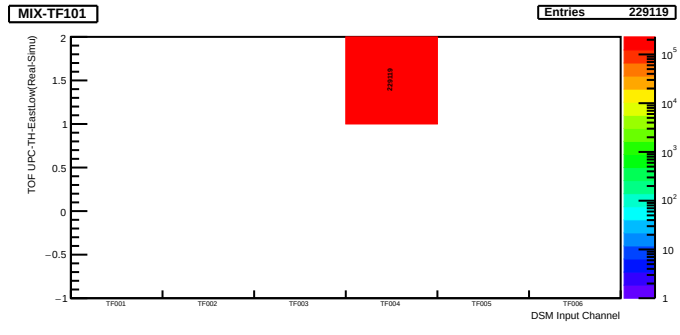

MIX-TF101
Entries 4032378
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

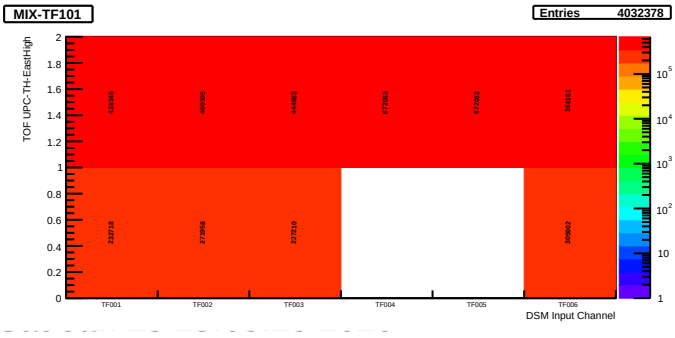

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

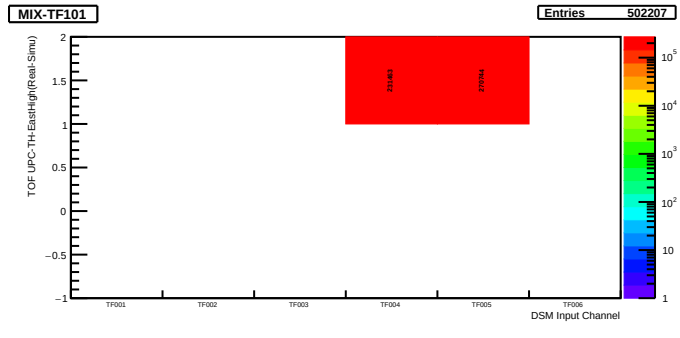

MIX-TF101
Entries 4032378
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

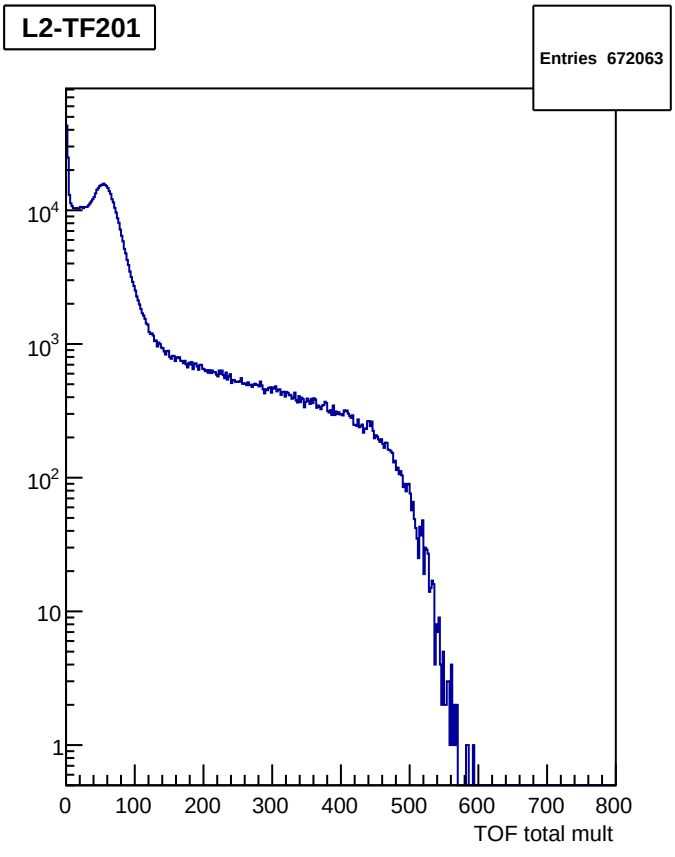

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

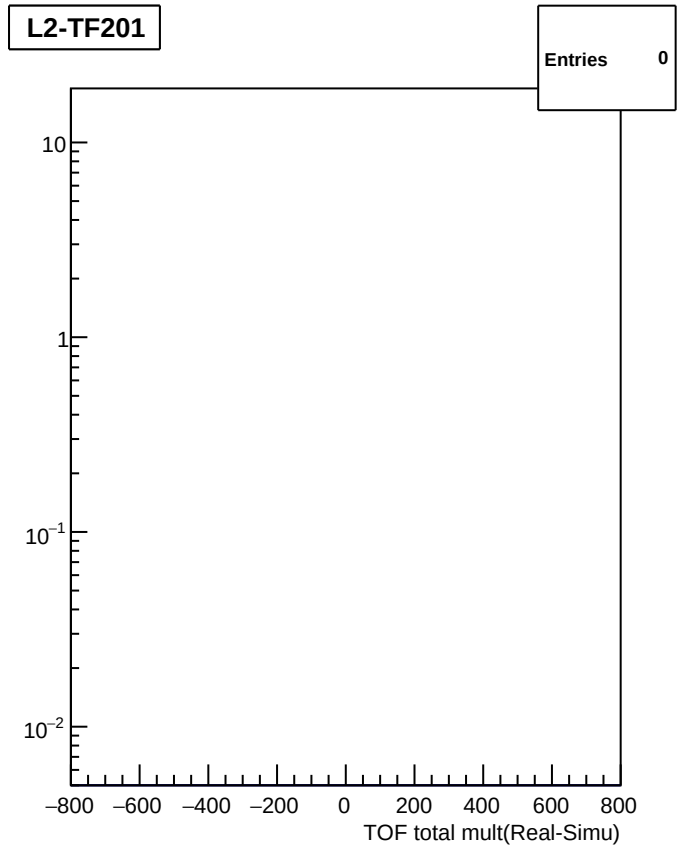

MIX-TF101
Entries 4032378
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

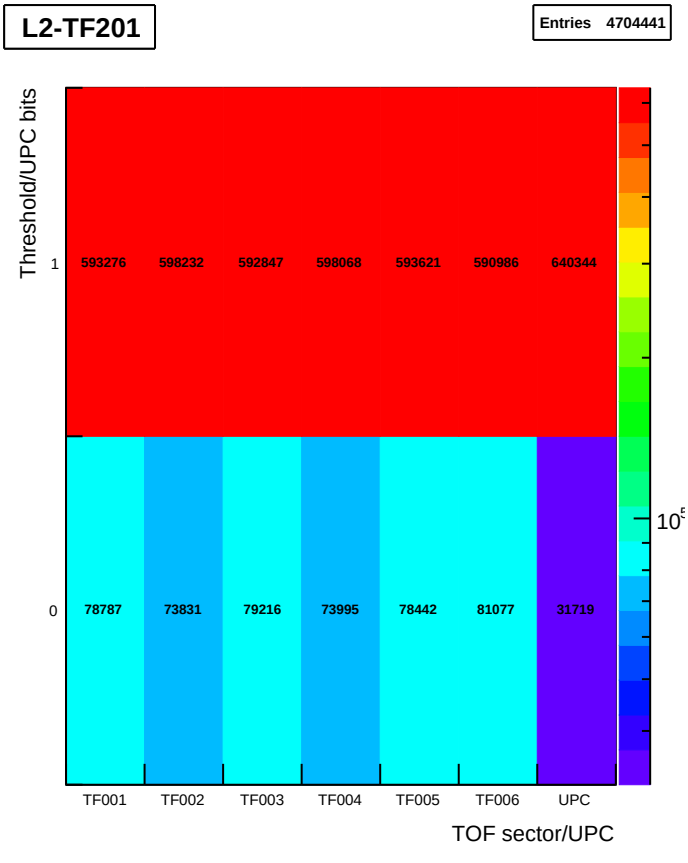

MIX-TF101
Entries 229119
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

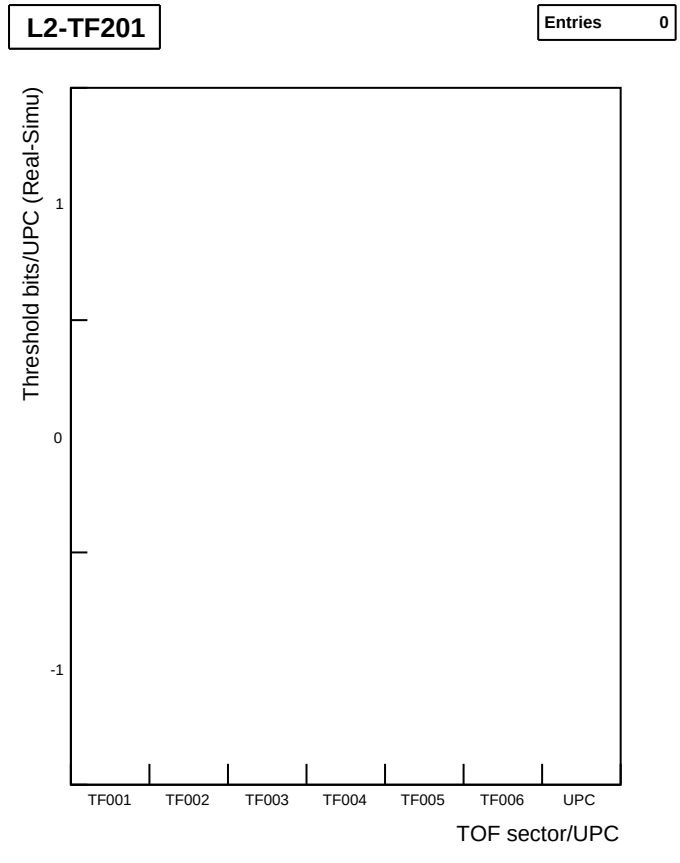

MIX-TF101
Entries 4032378
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

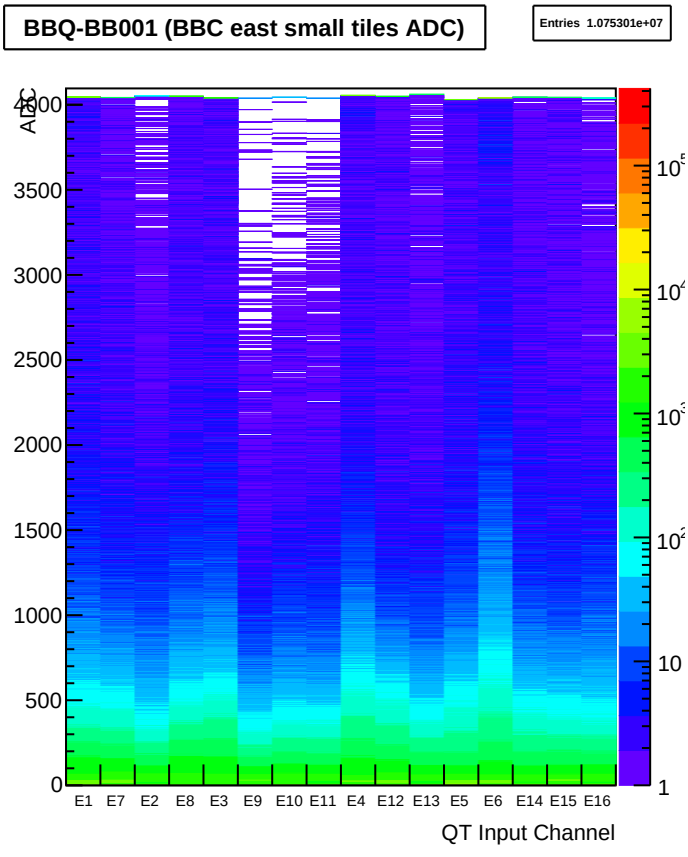

MIX-TF101
Entries 502207
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

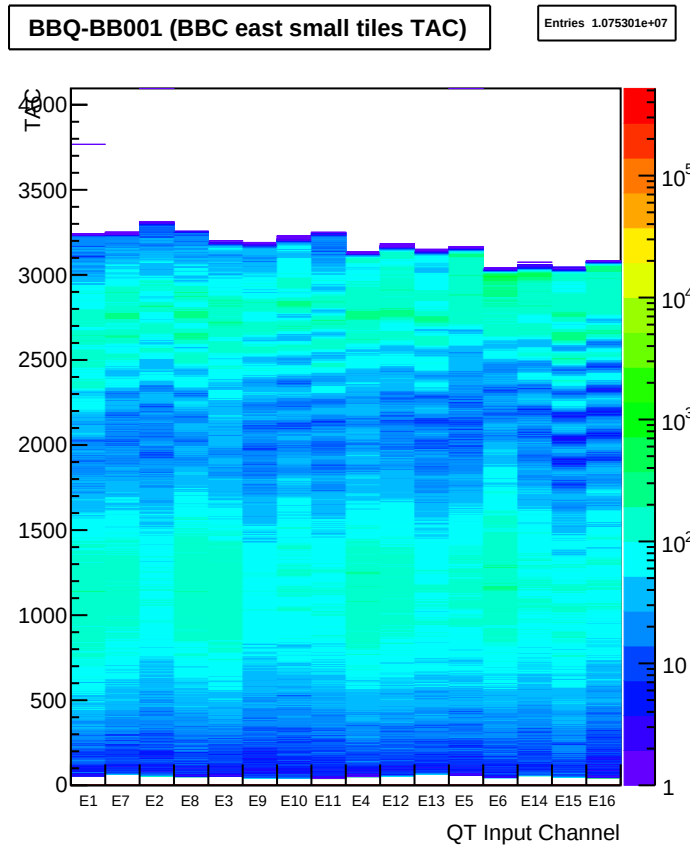

L2-TF201
Entries 672063
TOF total mult

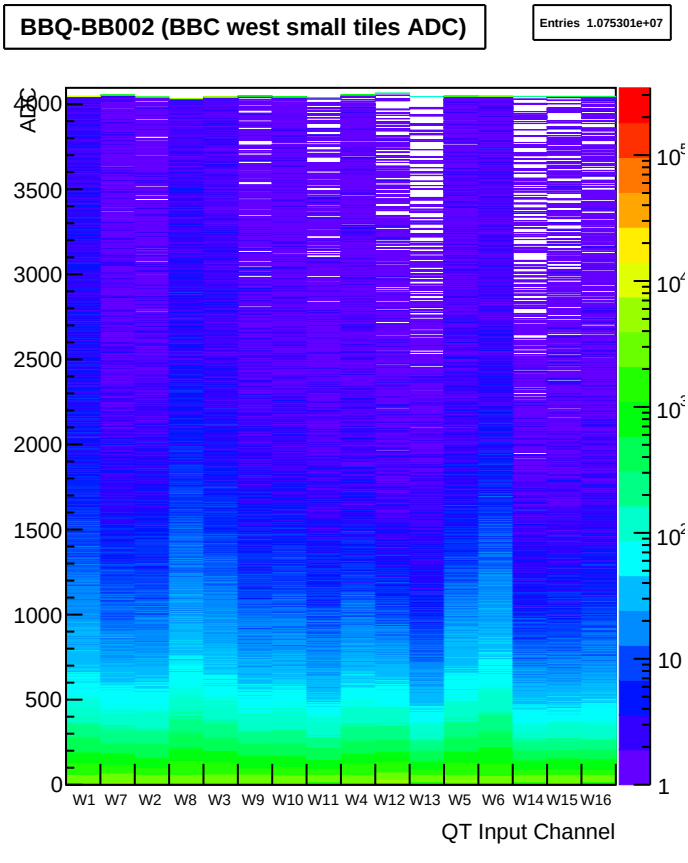

L2-TF201
Entries 0
TOF total mult(Real-Simu)

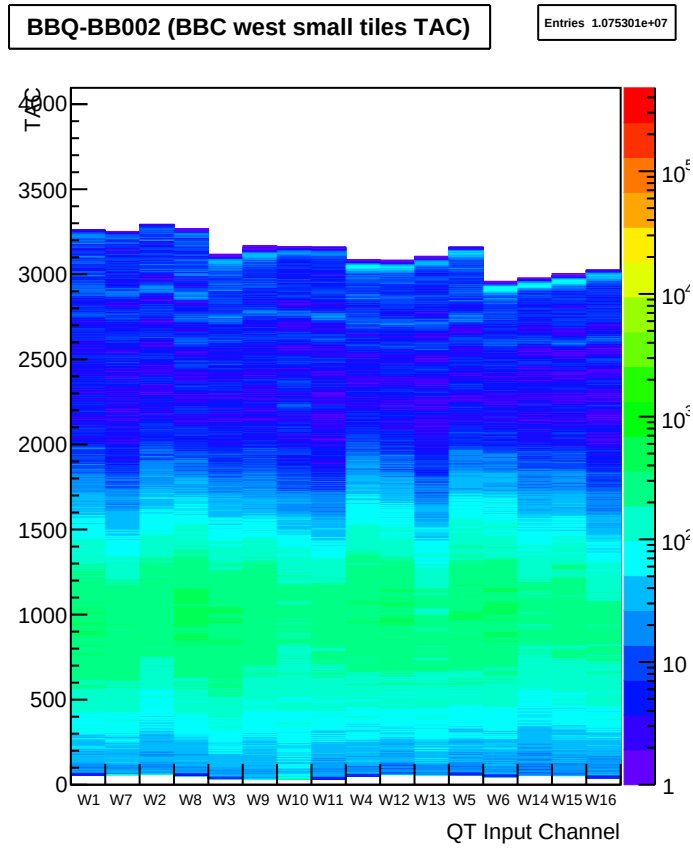

L2-TF201
Entries 4704441
Threshold/UPC bits
593276
598232
592847
598068
593621
590986
640344
78787
73831
79216
73995
78442
81077
31719
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

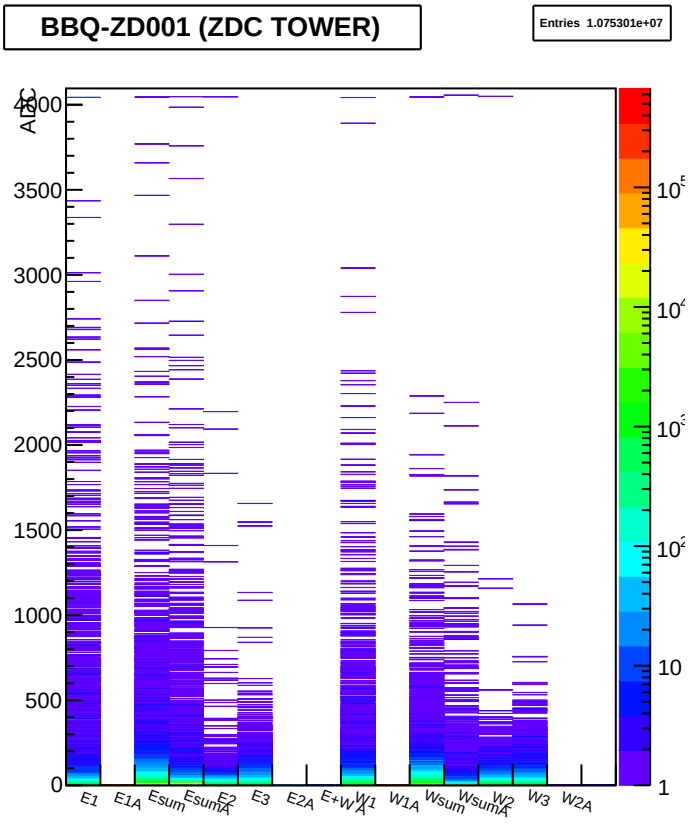

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

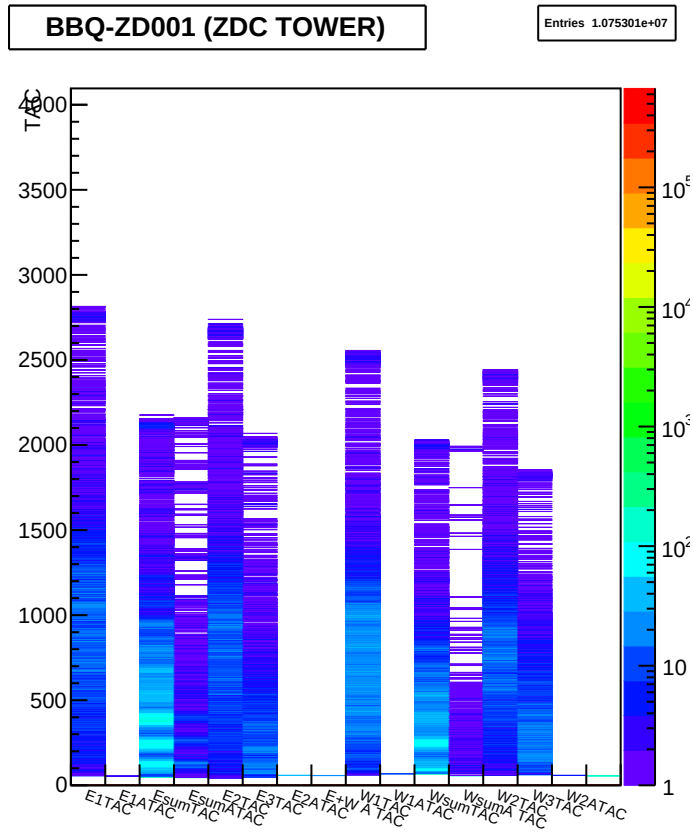

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.075301e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

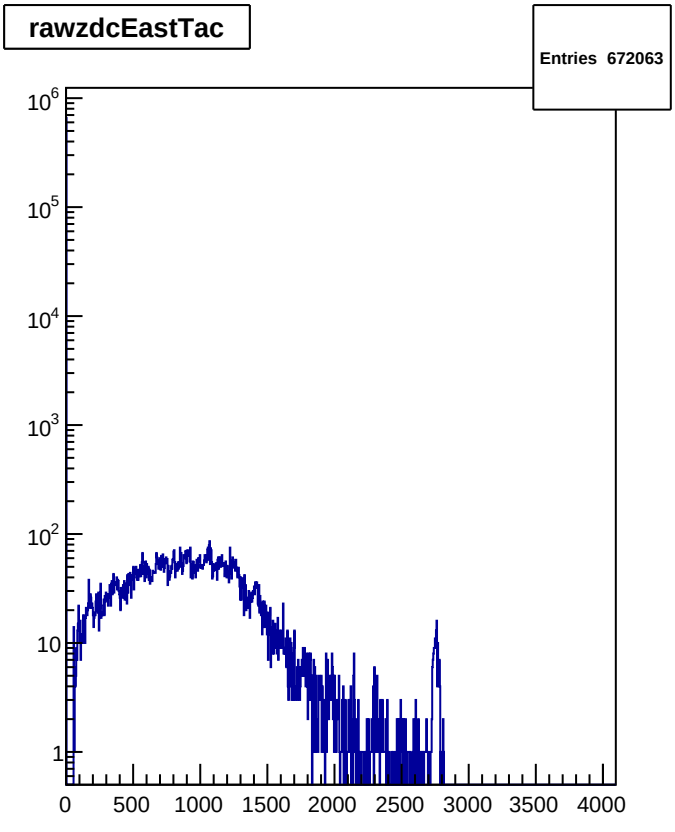

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.075301e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

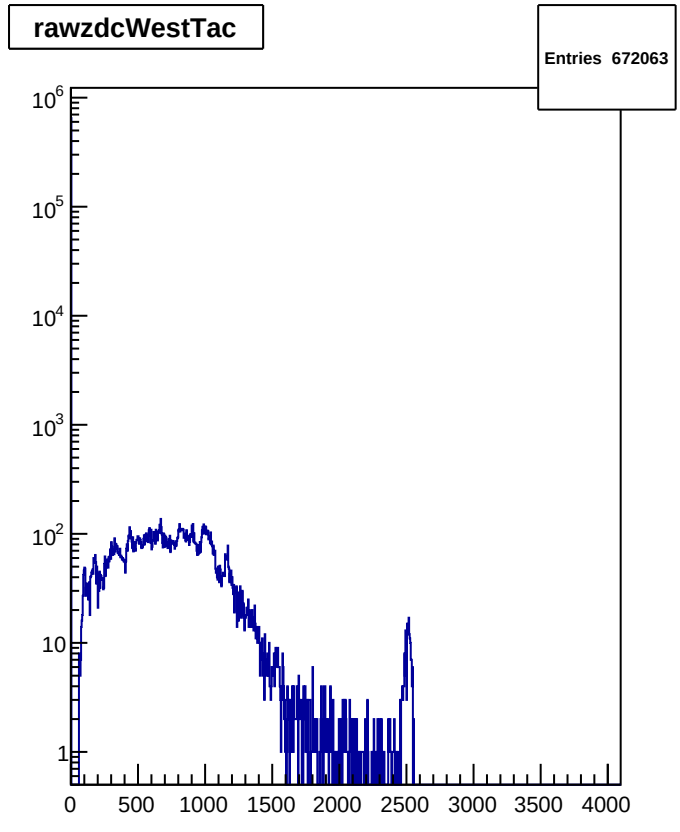

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.075301e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

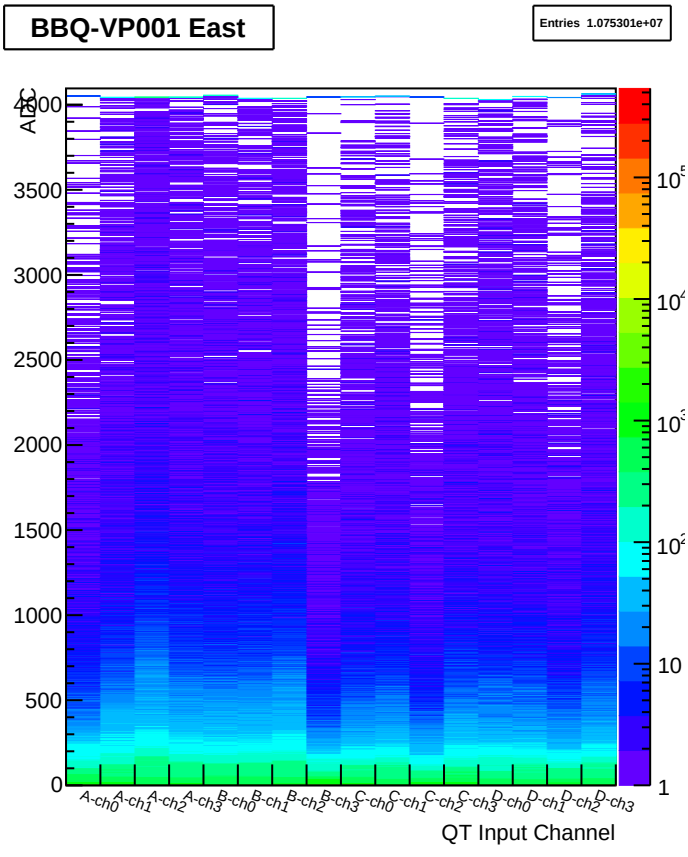

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.075301e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

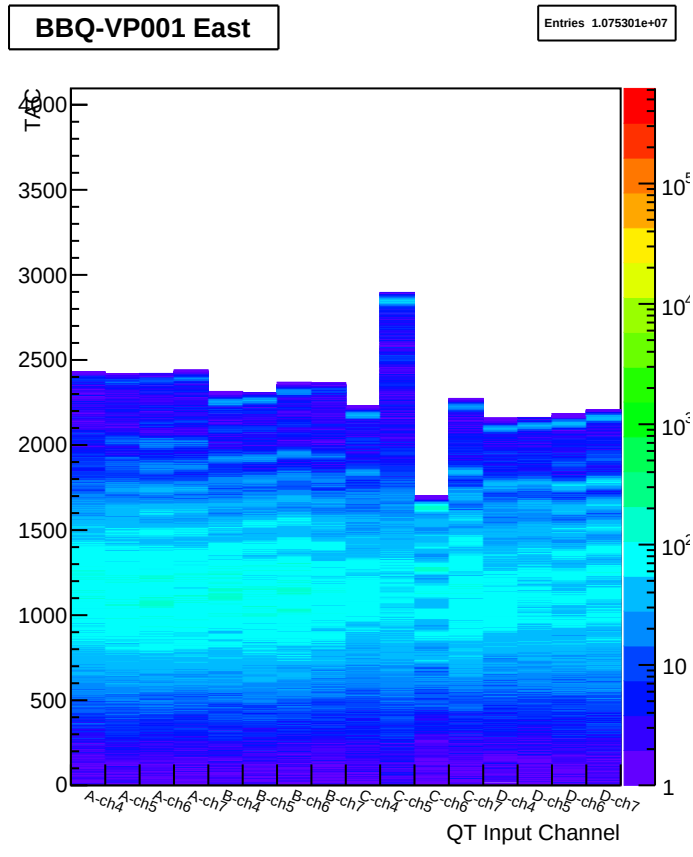

BBQ-ZD001 (ZDC TOWER)
Entries 1.075301e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W A
W1
W1A
Wsum
WsumA
W2
W3
W2A

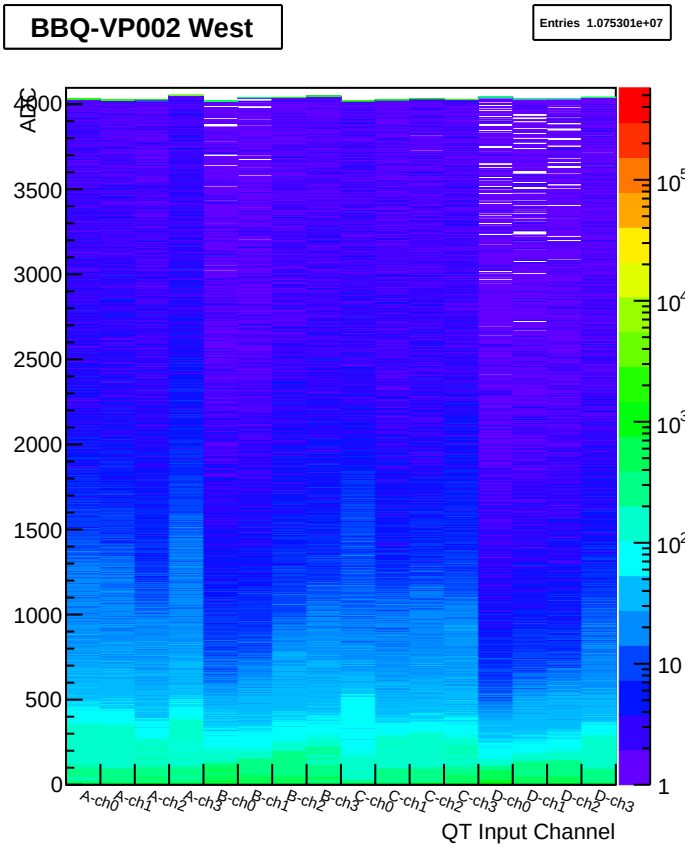

BBQ-ZD001 (ZDC TOWER)
Entries 1.075301e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

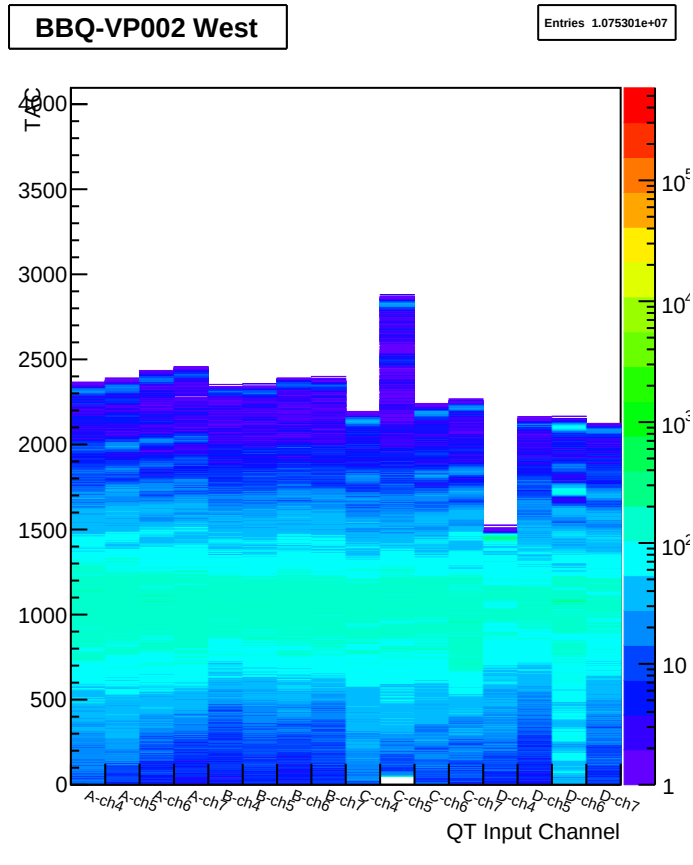

rawzdcEastTac
Entries 672063

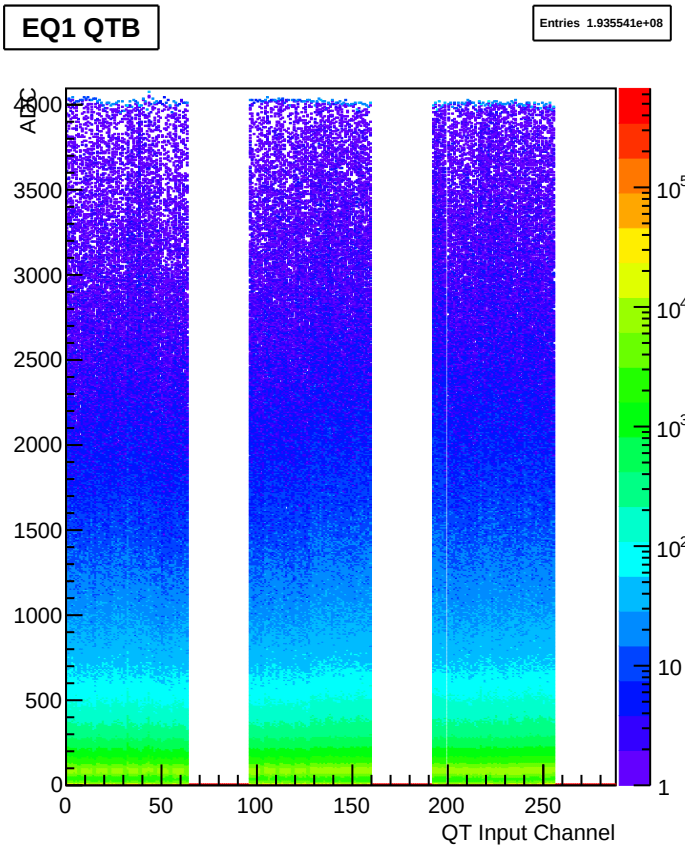

rawzdcWestTac
Entries 672063

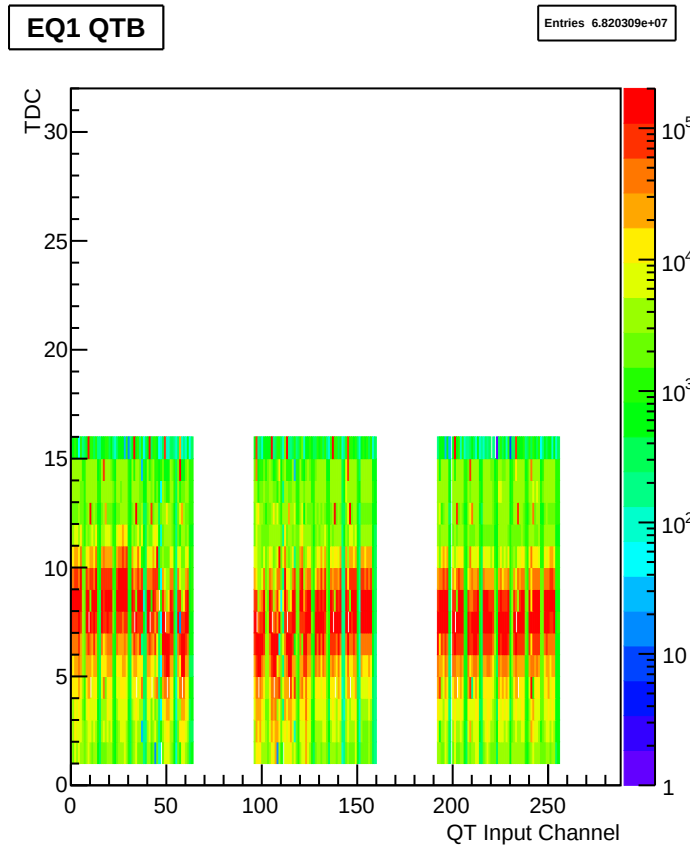

BBQ-VP001 East
Entries 1.075301e+07
ADC
QT Input Channel

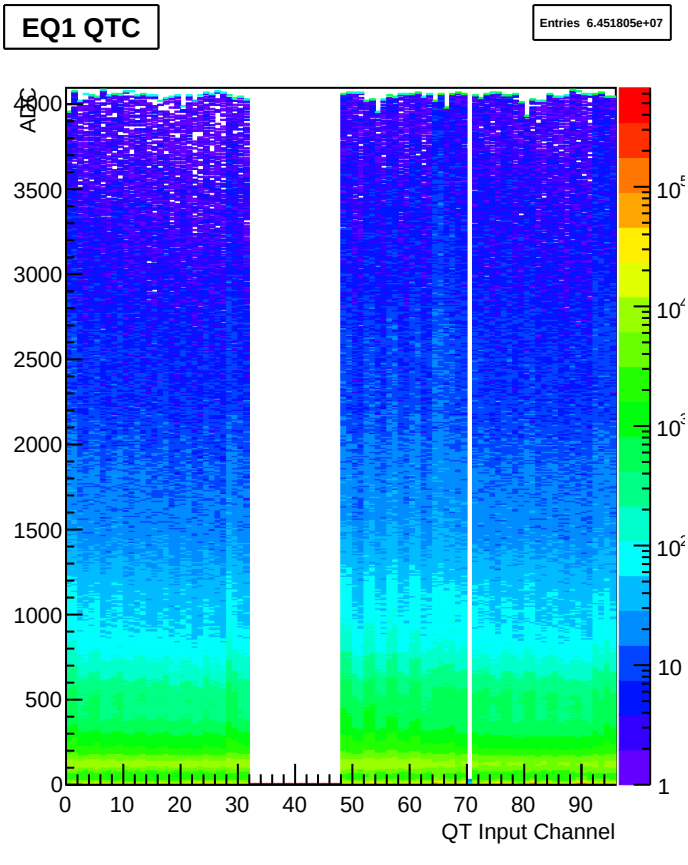

BBQ-VP001 East
Entries 1.075301e+07
TAC
QT Input Channel

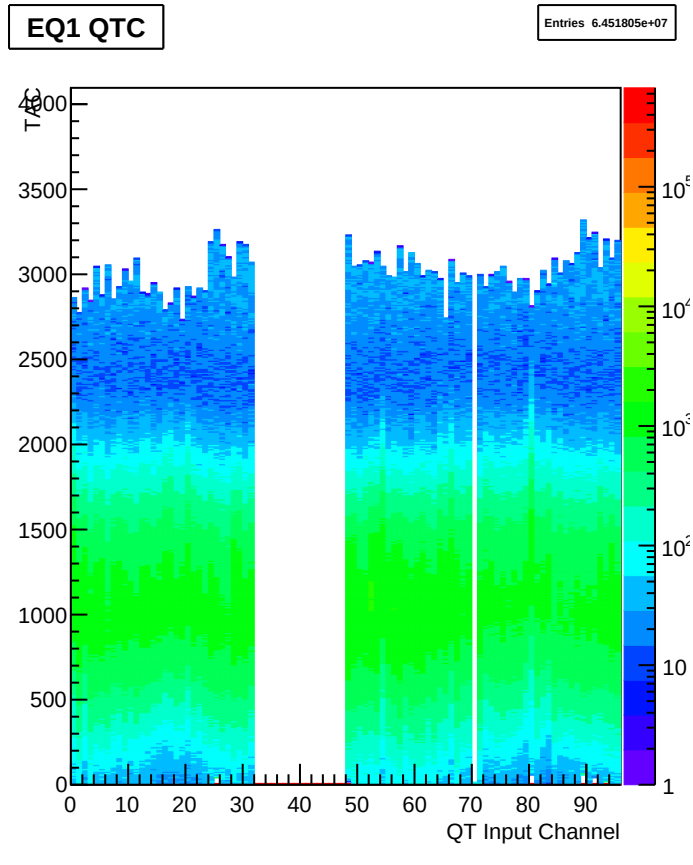

BBQ-VP002 West
Entries 1.075301e+07
ADC
QT Input Channel

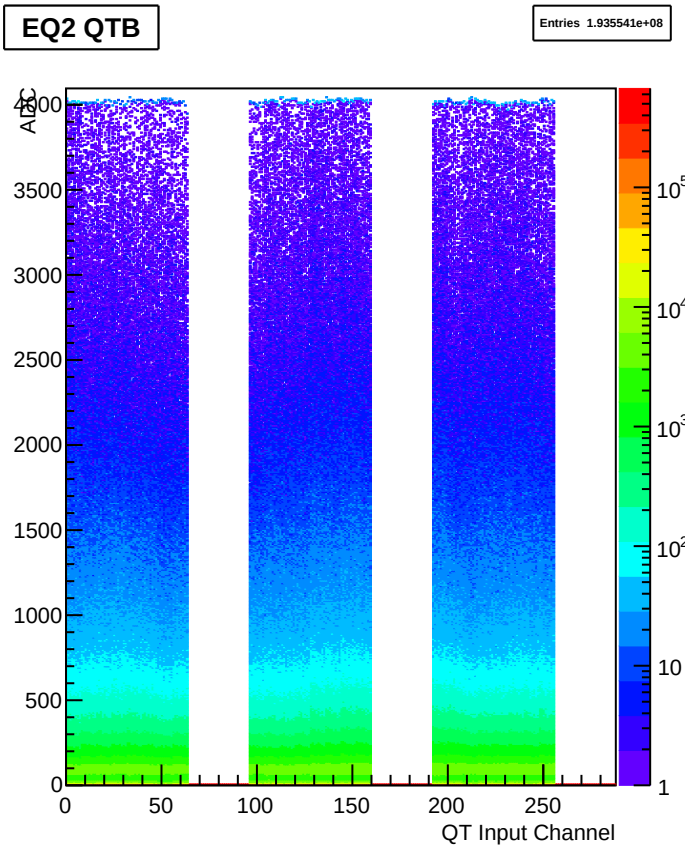

BBQ-VP002 West
Entries 1.075301e+07
TAC
QT Input Channel

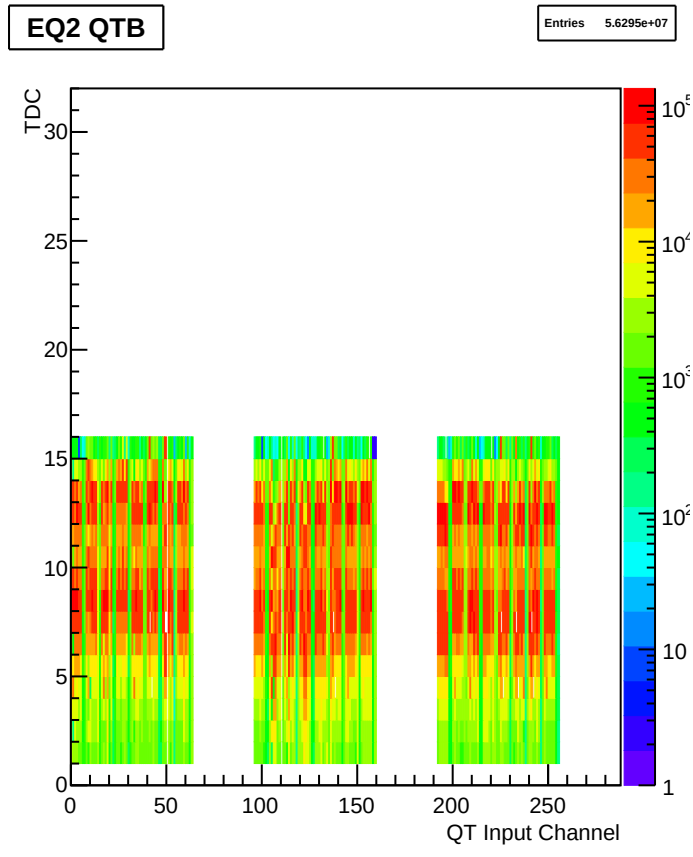

EQ1 QTB
Entries 1.935541e+08
ADC
QT Input Channel

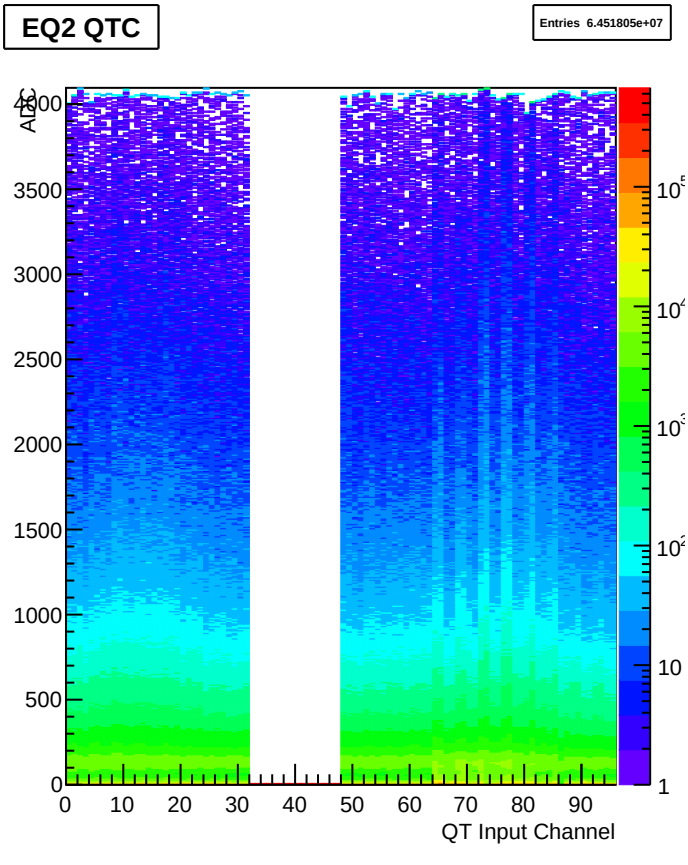

EQ1 QTB
Entries 6.820309e+07
TDC
QT Input Channel

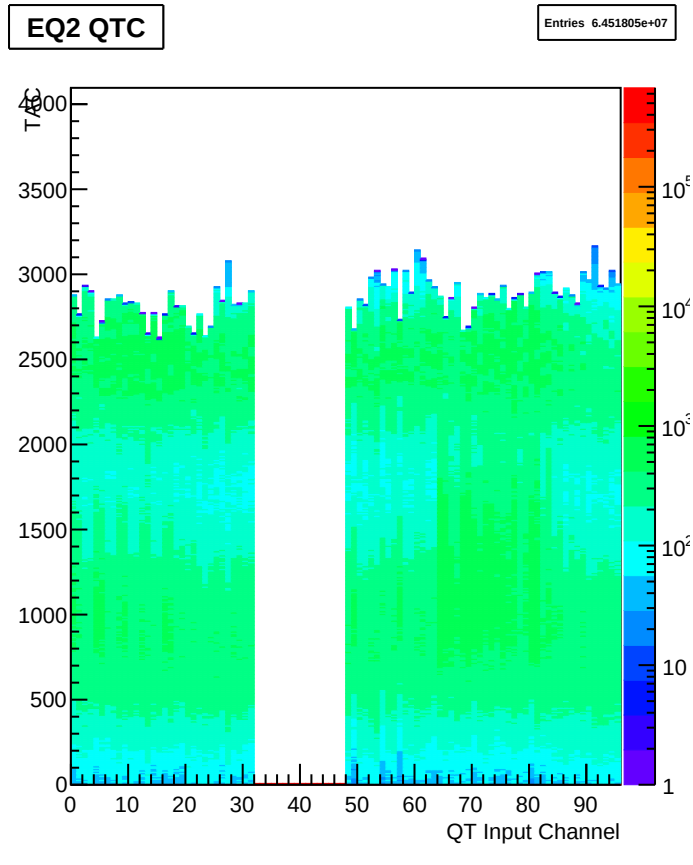

EQ1 QTC
Entries 6.451805e+07
ADC
QT Input Channel

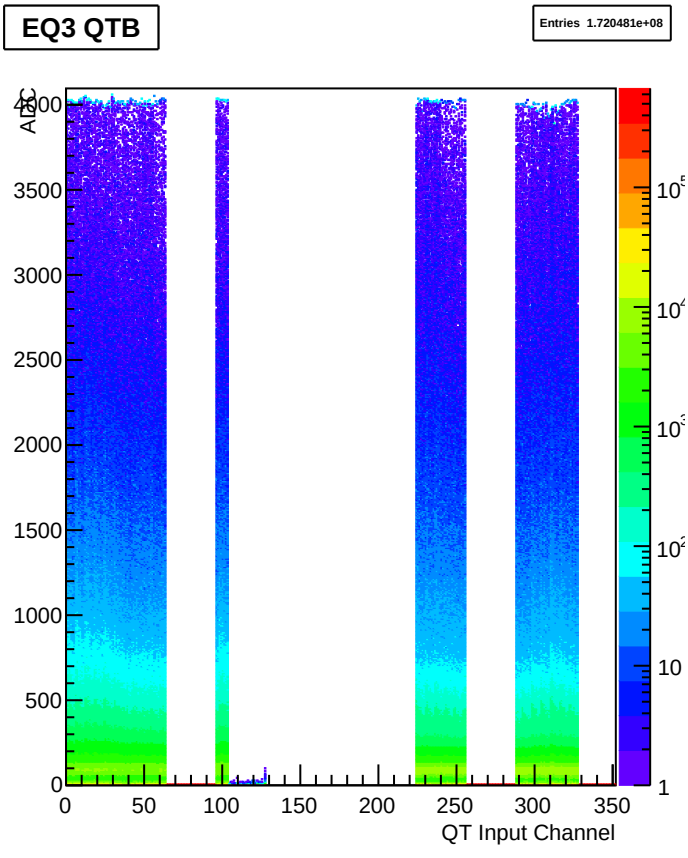

EQ1 QTC
Entries 6.451805e+07
TADC
QT Input Channel

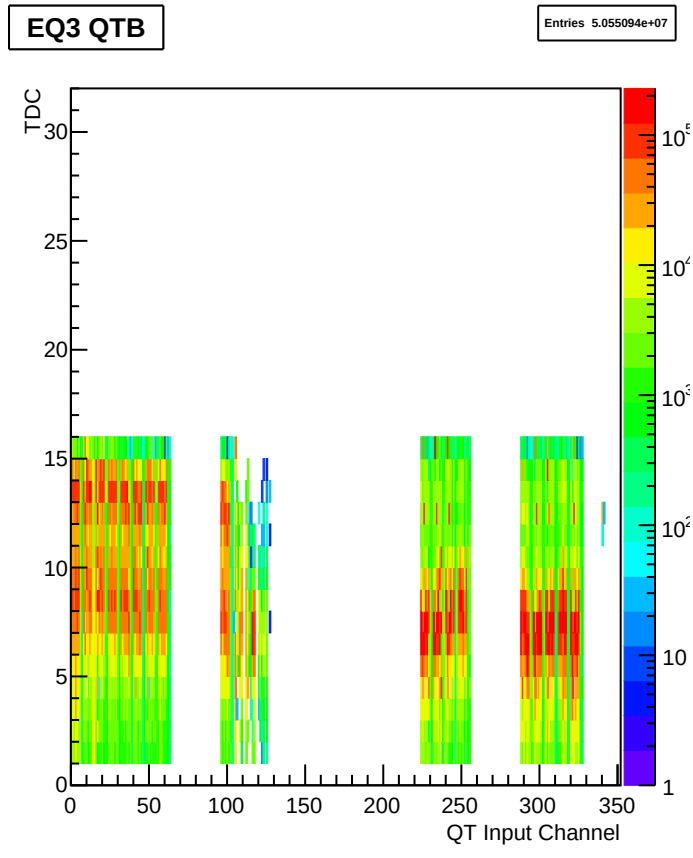

EQ2 QTB
Entries 1.935541e+08
ADC
QT Input Channel

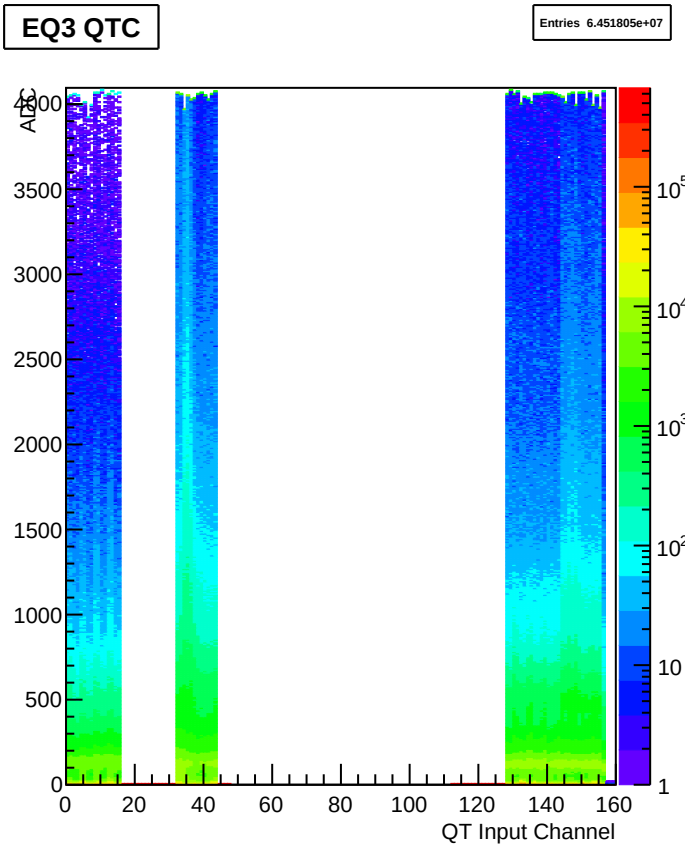

EQ2 QTB
Entries 5.6295e+07
TDC
QT Input Channel

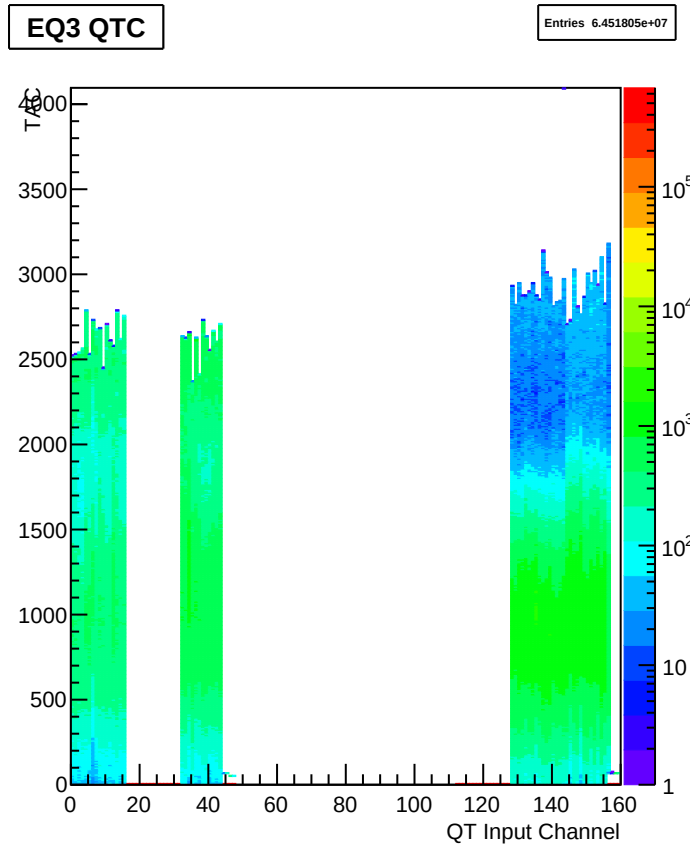

EQ2 QTC
Entries 6.451805e+07
ADC
QT Input Channel

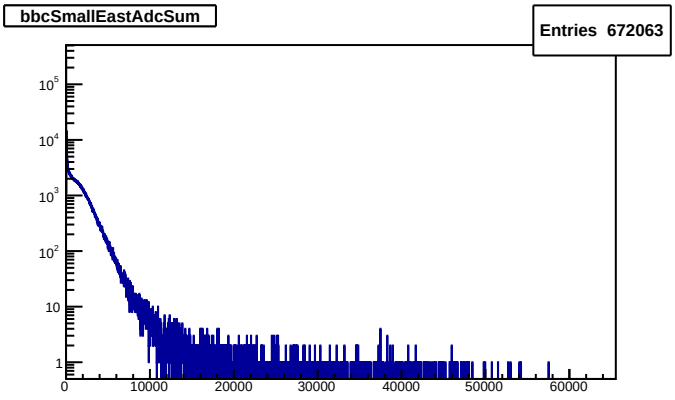

EQ2 QTC
Entries 6.451805e+07
TADC
QT Input Channel

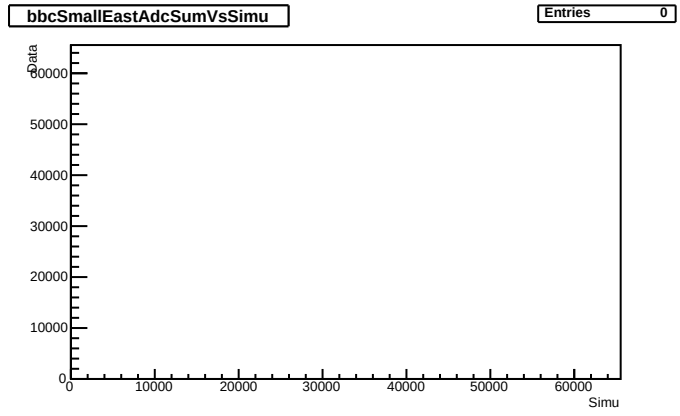

EQ3 QTB
Entries 1.720481e+08
ADC
QT Input Channel

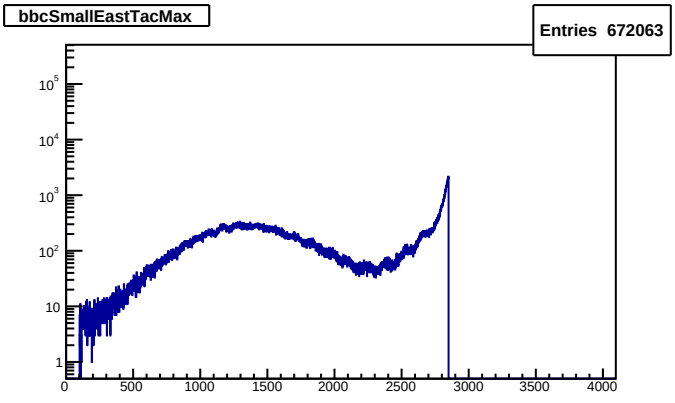

EQ3 QTB
Entries 5.055094e+07
TDC
QT Input Channel

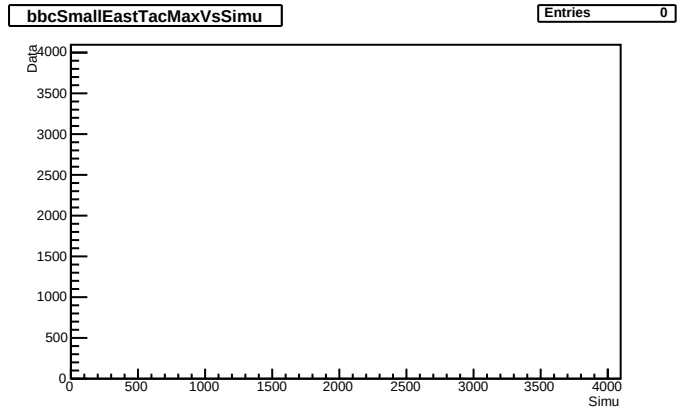

EQ3 QTC
Entries 6.451805e+07
ADC
QT Input Channel

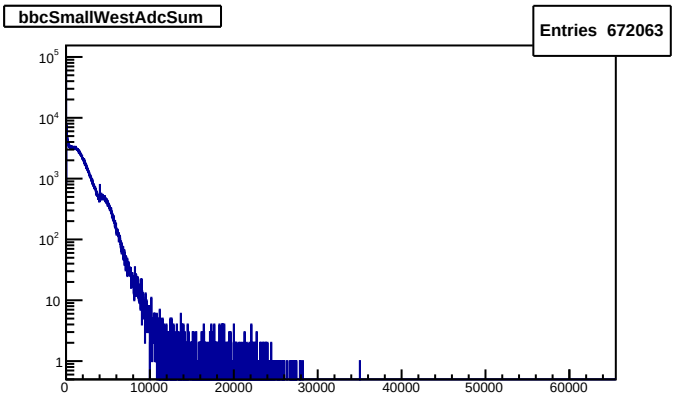

EQ3 QTC
Entries 6.451805e+07
TADC
QT Input Channel

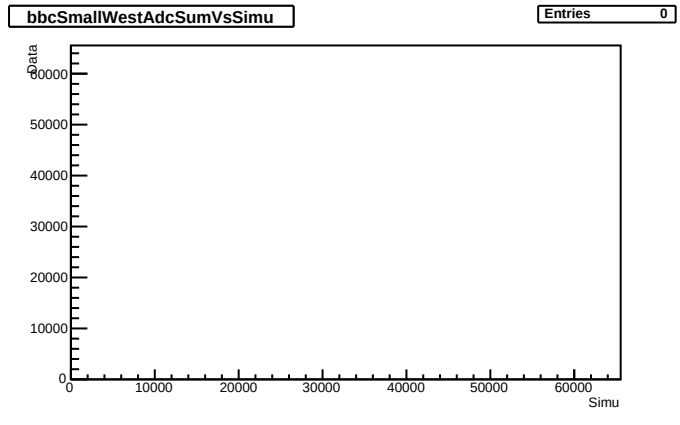

bbcSmallEastAdcSum
Entries 672063

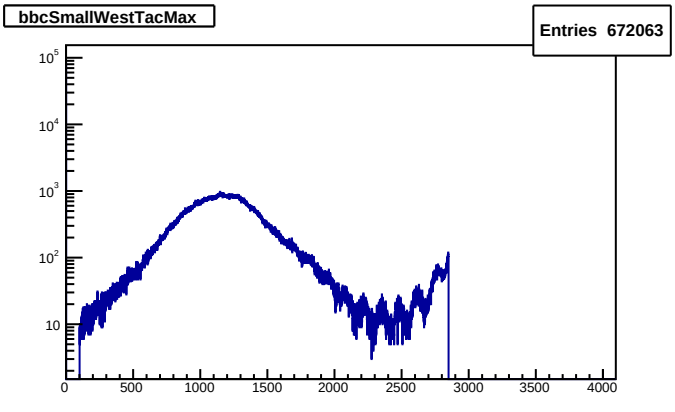

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

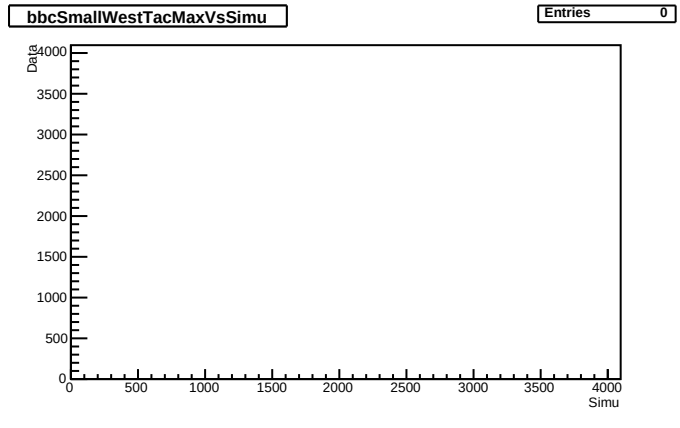

bbcSmallEastTacMax
Entries 672063

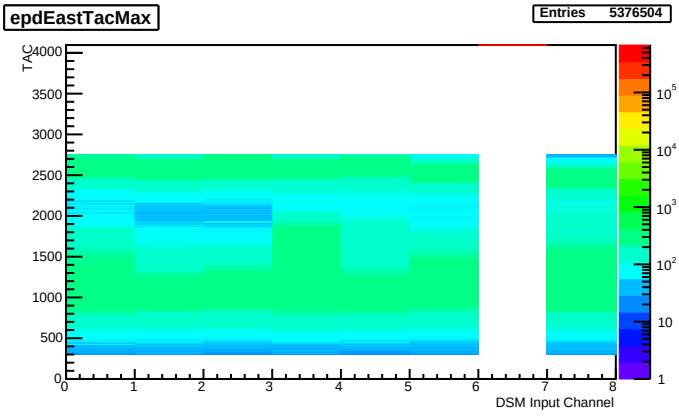

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

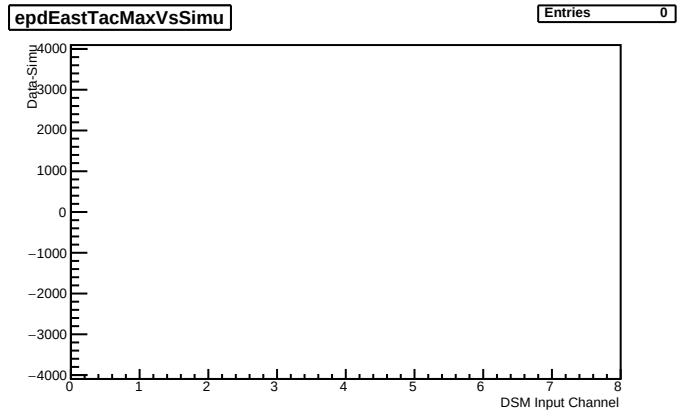

bbcSmallWestAdcSum
Entries 672063

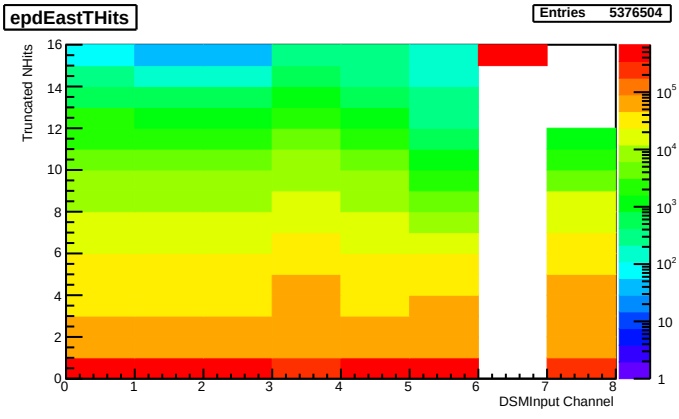

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

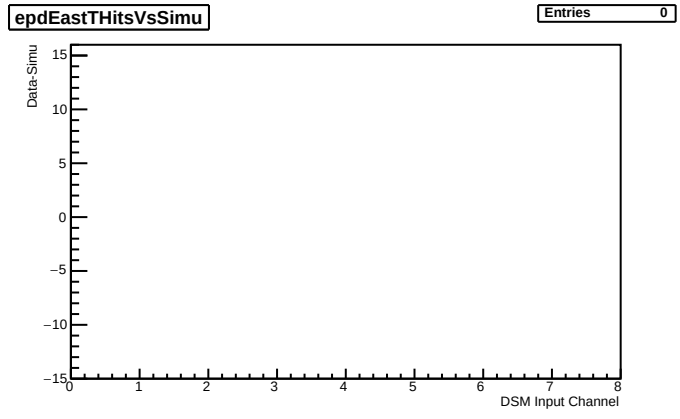

bbcSmallWestTacMax
Entries 672063

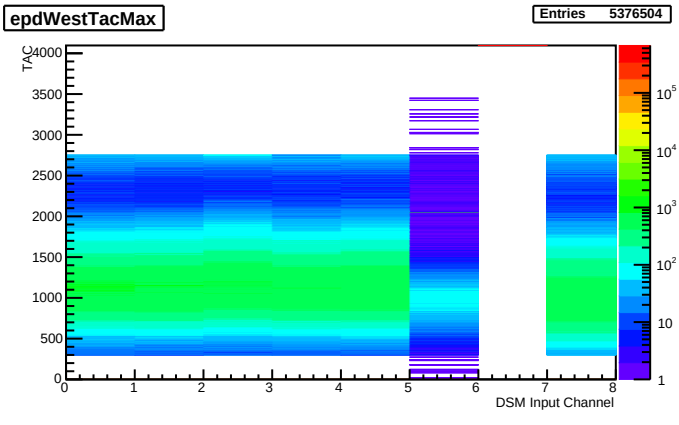

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

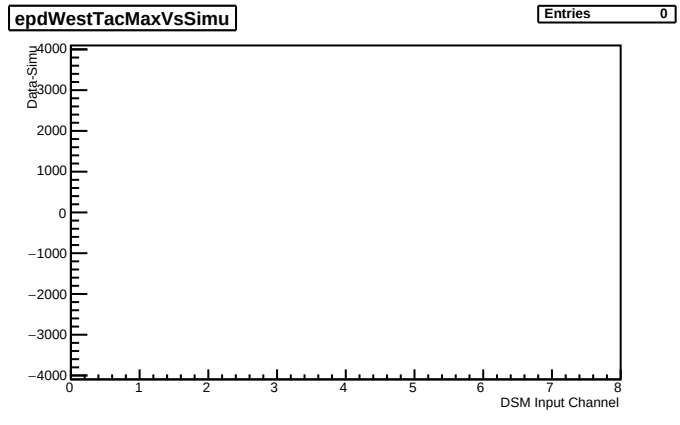

epdEastTacMax
Entries 5376504
TAC
DSM Input Channel

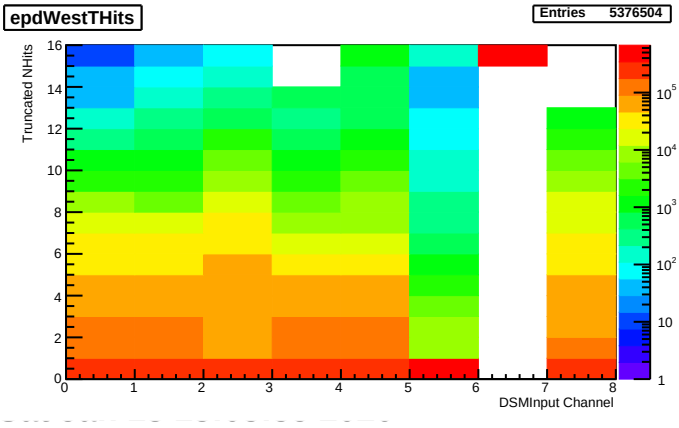

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

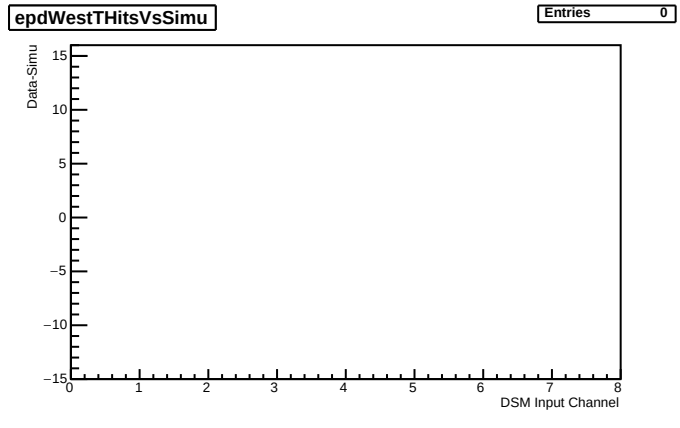

epdEastTHits
Entries 5376504
Truncated NHits
DSMInput Channel

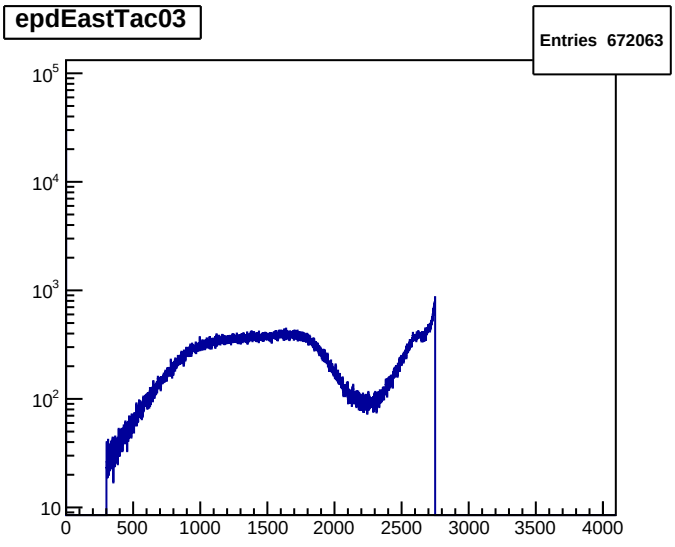

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

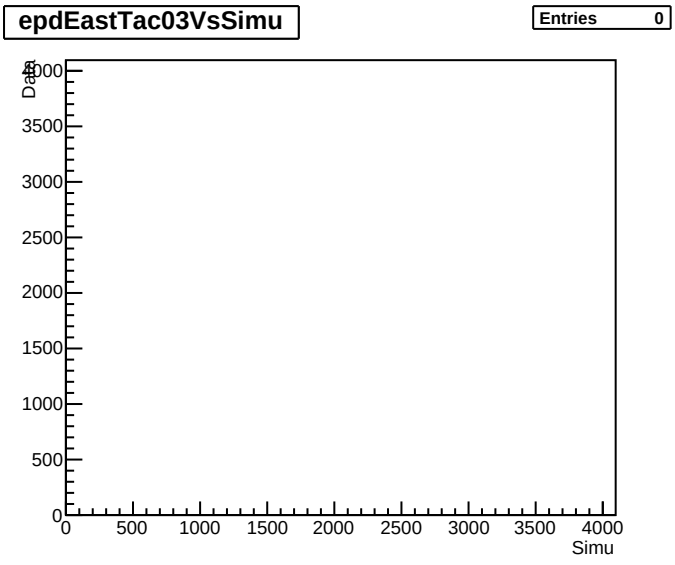

epdWestTacMax
Entries 5376504
TAC
DSM Input Channel

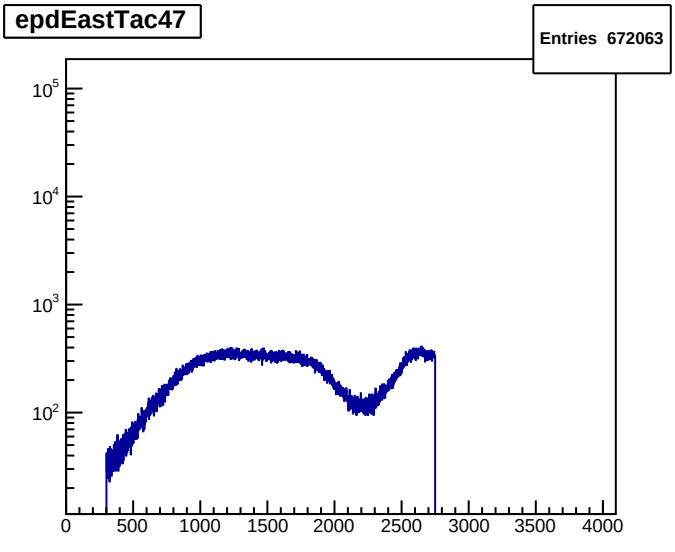

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

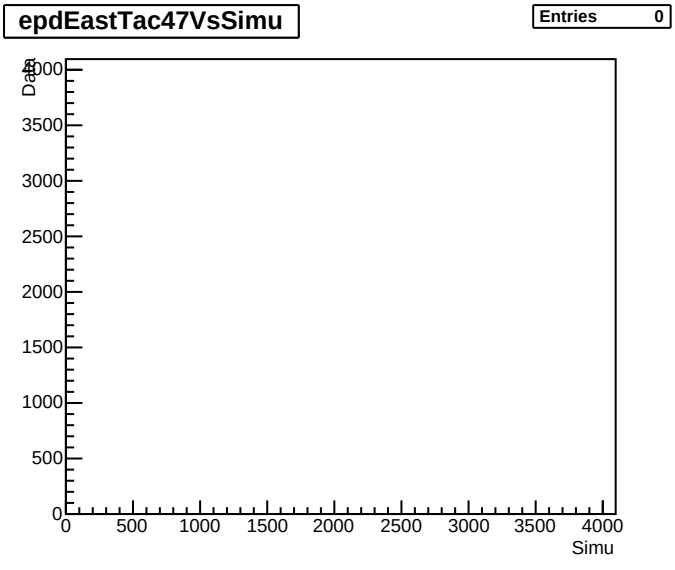

epdWestTHits
Entries 5376504
Truncated NHits
DSMInput Channel

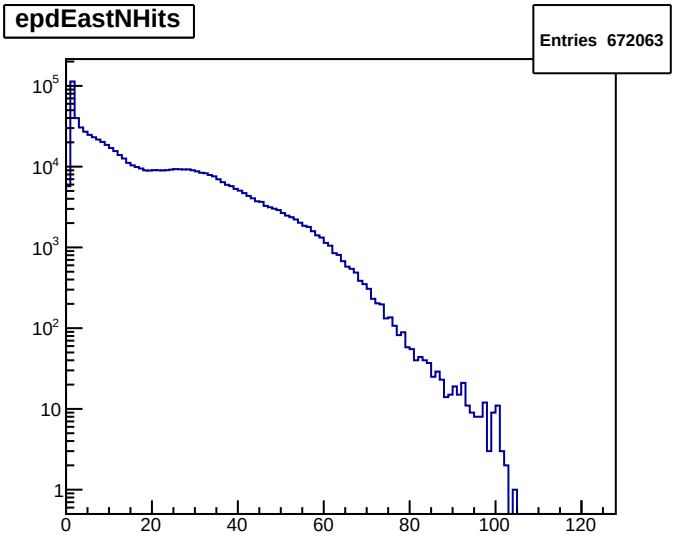

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

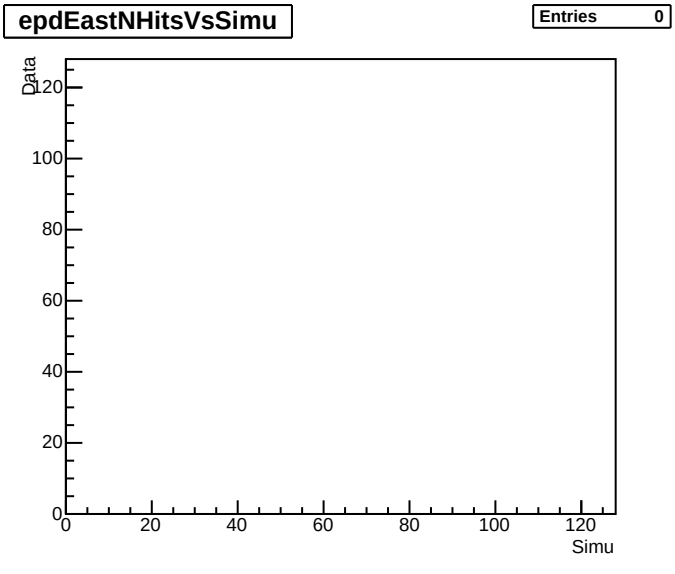

epdEastTac03
Entries 672063

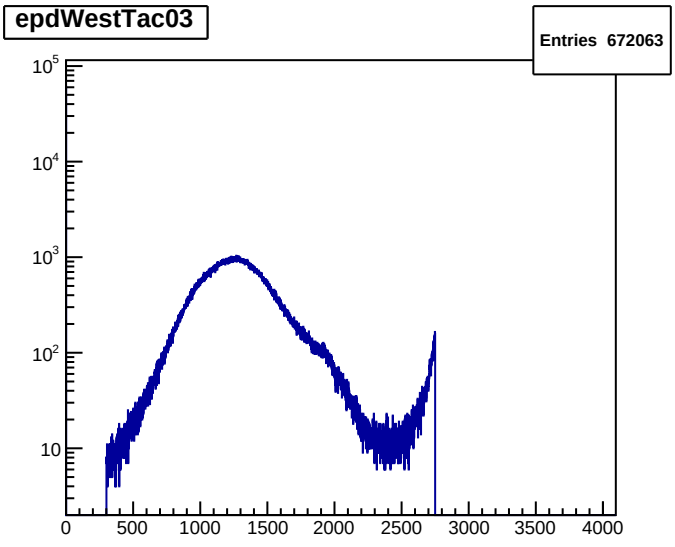

epdEastTac03VsSimu
Entries 0
Data
Simu

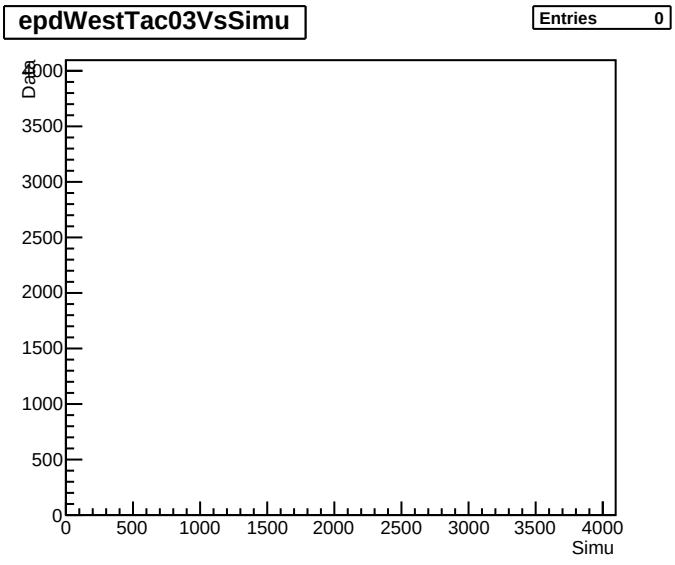

epdEastTac47
Entries 672063

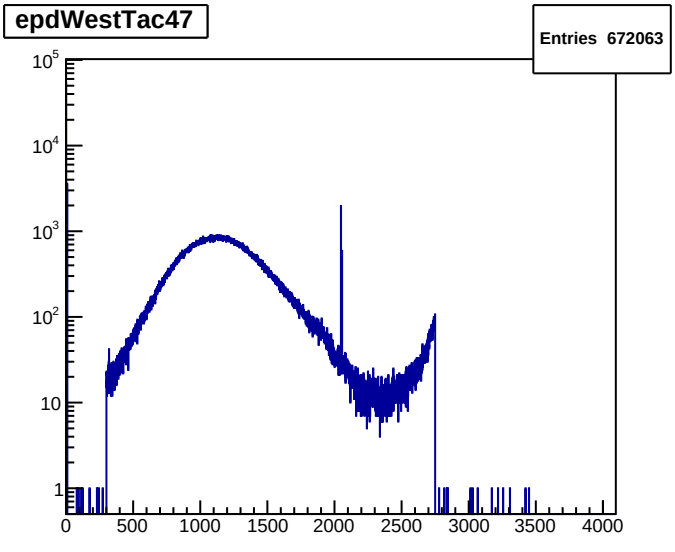

epdEastTac47VsSimu
Entries 0
Data
Simu

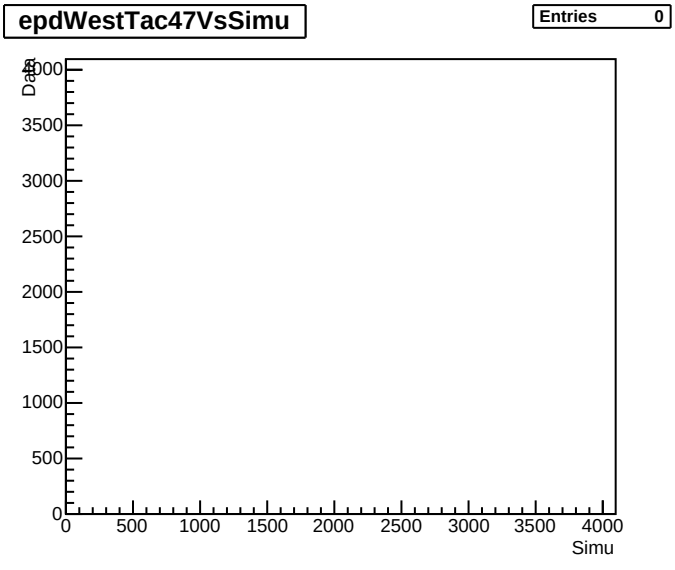

epdEastNHits
Entries 672063

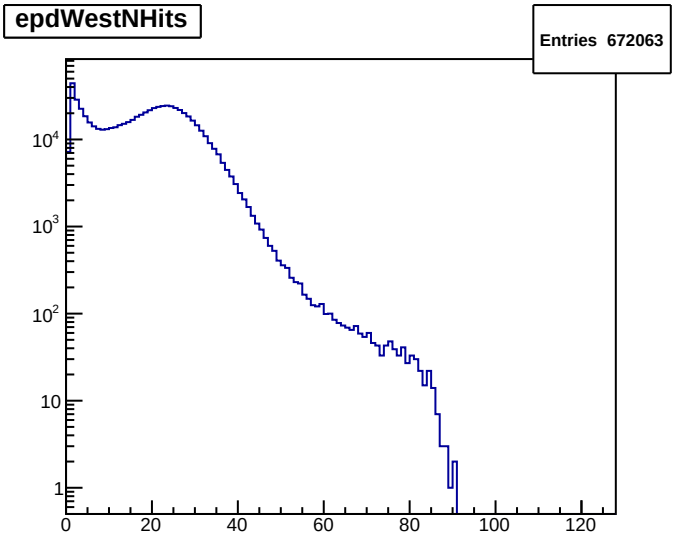

epdEastNHitsVsSimu
Entries 0
Data
Simu

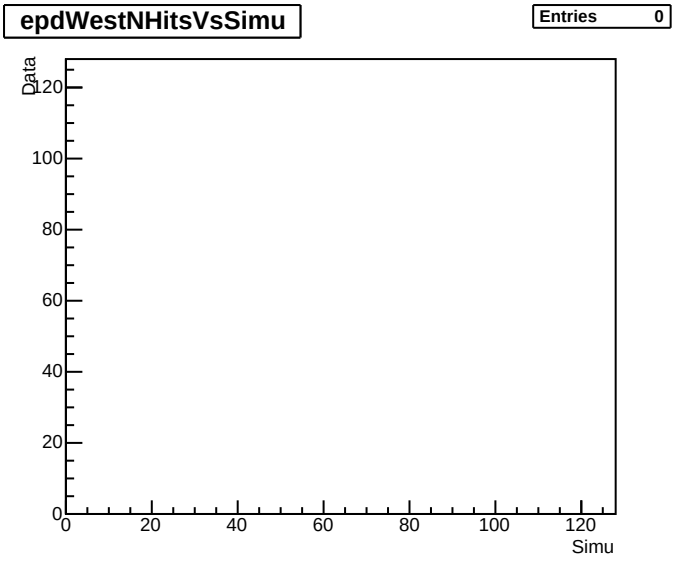

epdWestTac03
Entries 672063

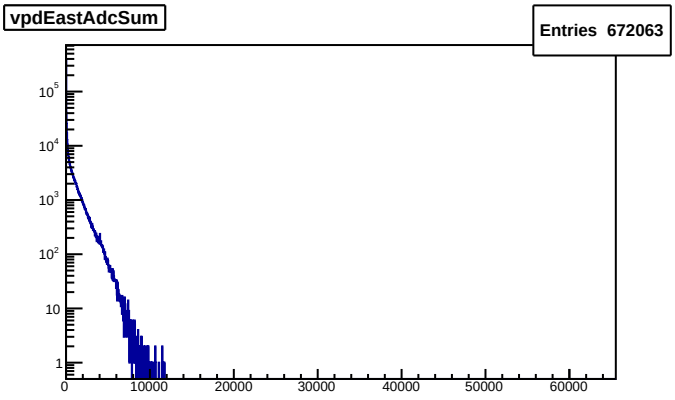

epdWestTac03VsSimu
Entries 0
Data
Simu

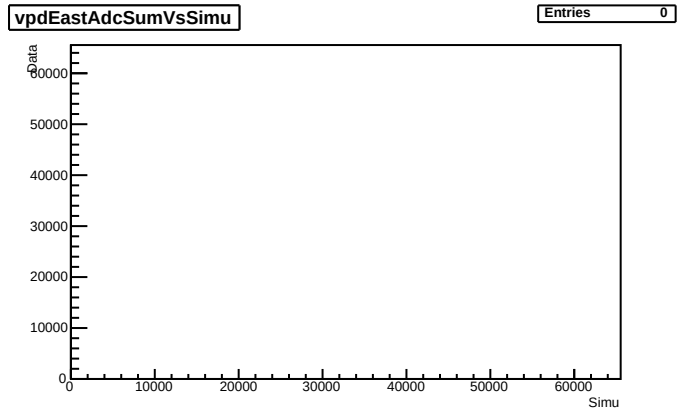

epdWestTac47
Entries 672063

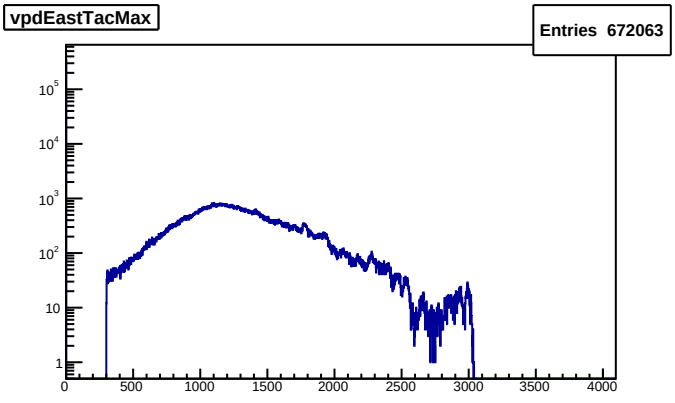

epdWestTac47VsSimu
Entries 0
Data
Simu

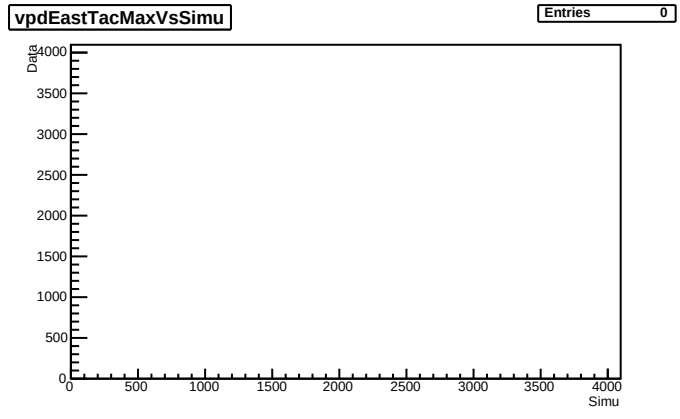

epdWestNHits
Entries 672063

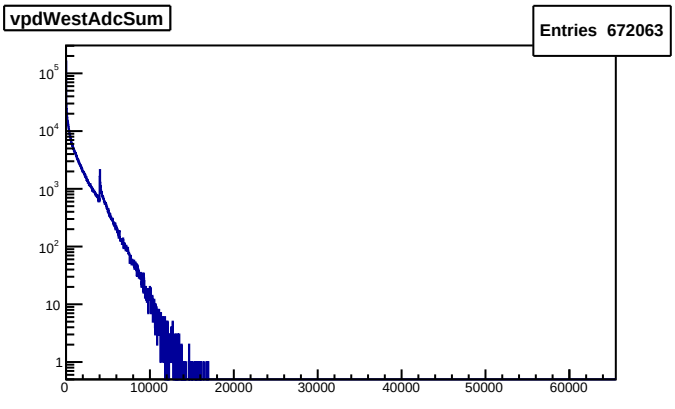

epdWestNHitsVsSimu
Entries 0
Data
Simu

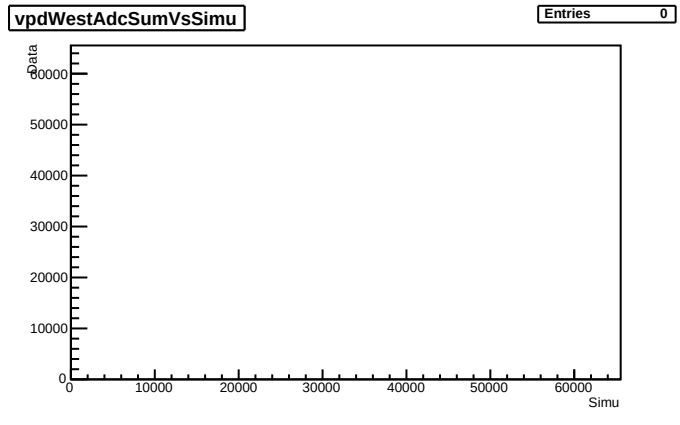

vpdEastAdcSum
Entries 672063

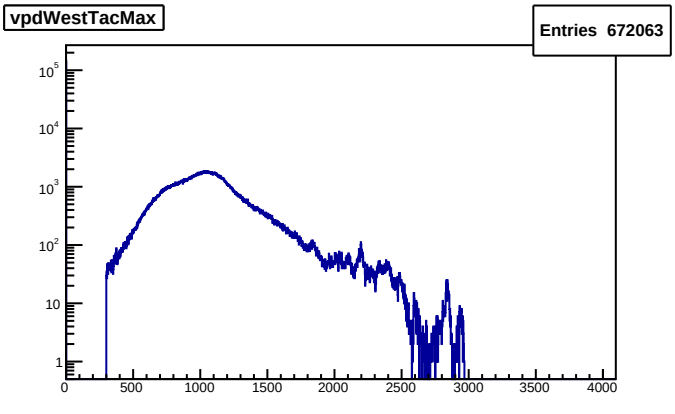

vpdEastAdcSumVsSimu
Entries 0
Data
Simu

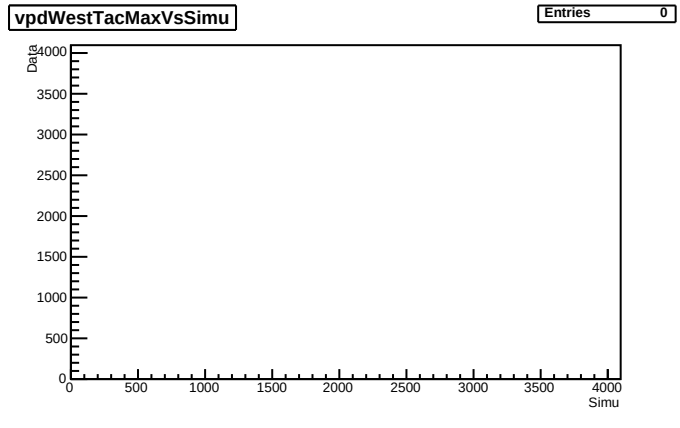

vpdEastTacMax
Entries 672063

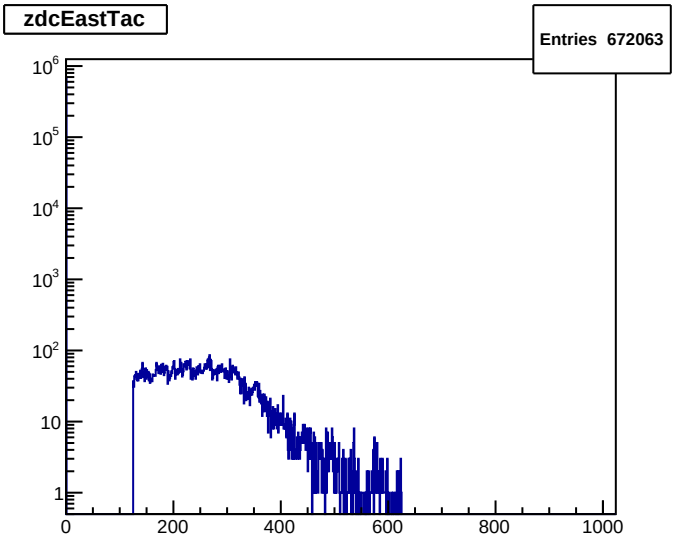

vpdEastTacMaxVsSimu
Entries 0
Data
Simu

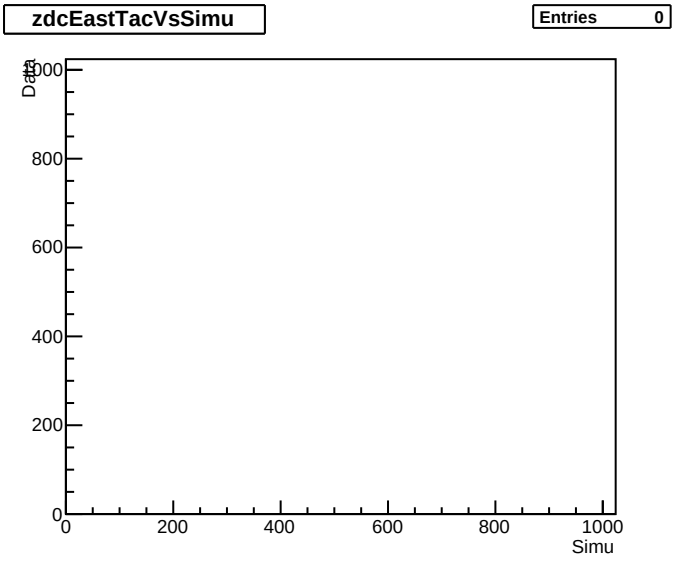

vpdWestAdcSum
Entries 672063

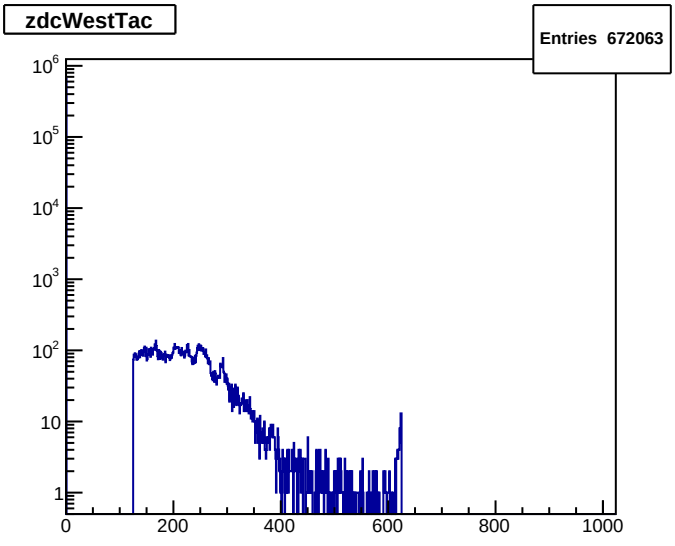

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

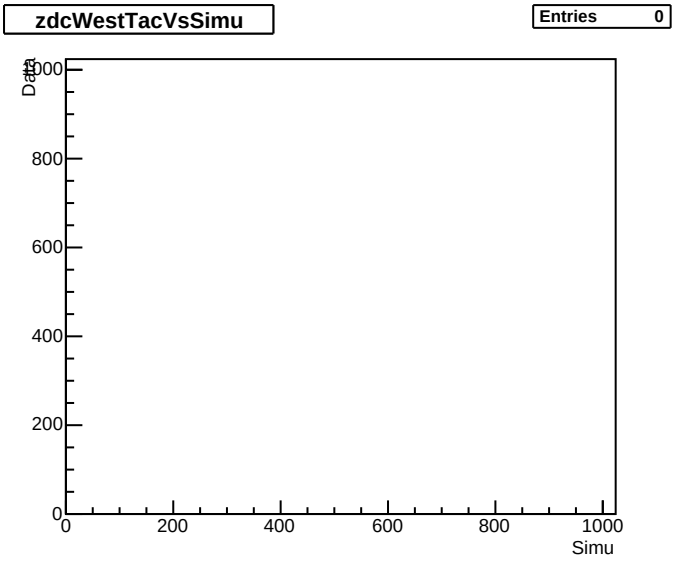

vpdWestTacMax
Entries 672063

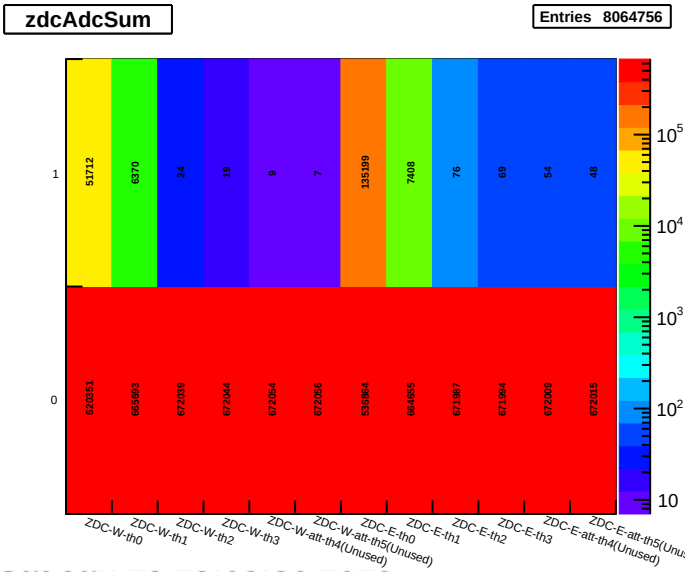

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

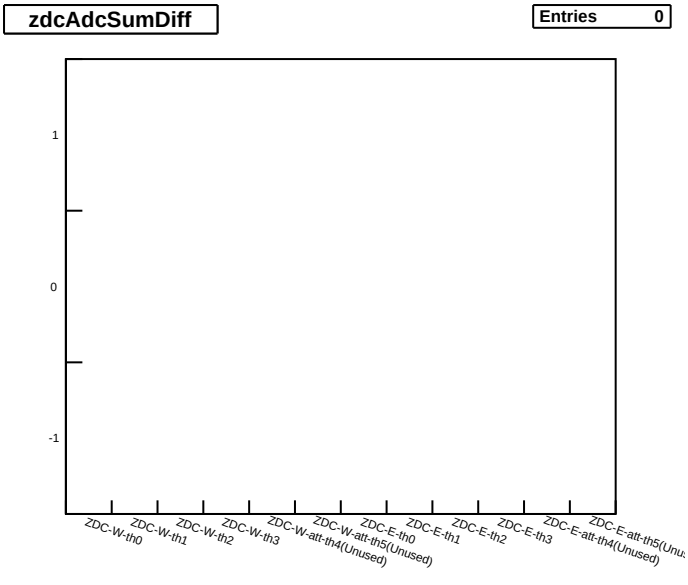

zdcEastTac
Entries 672063

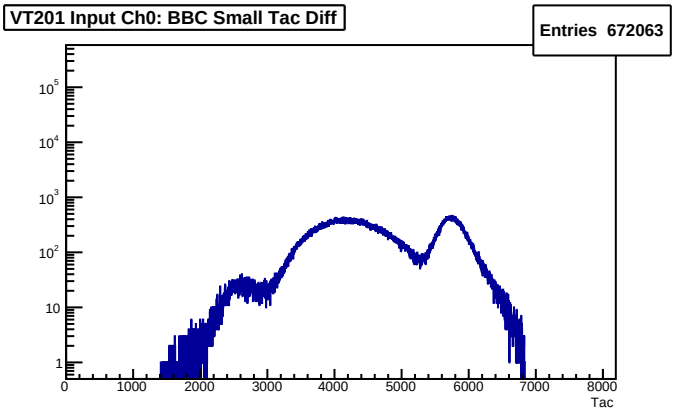

zdcEastTacVsSimu
Entries 0
Data
Simu

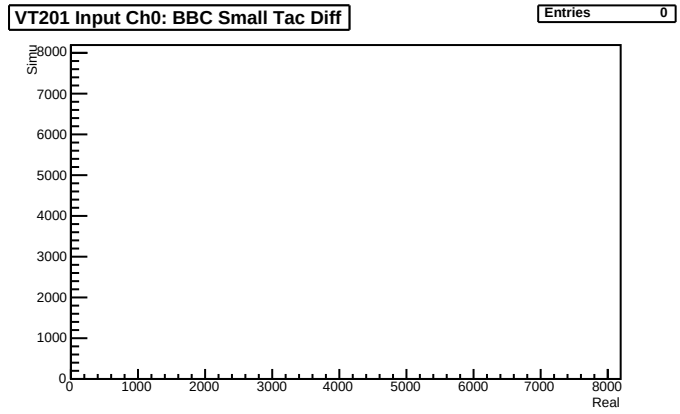

zdcWestTac
Entries 672063

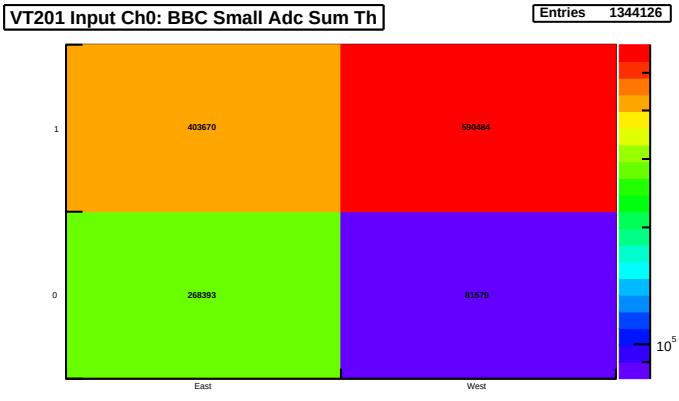

zdcWestTacVsSimu
Entries 0
Data
Simu

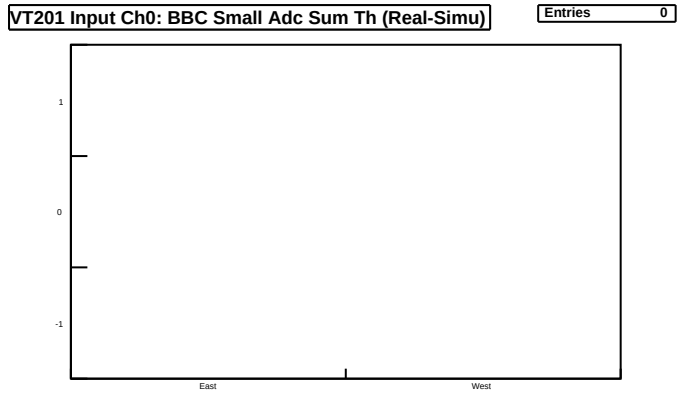

zdcAdcSum
Entries 8064756
51712
6370
24
19
9
7
135199
7408
76
69
54
48
620351
665693
672039
672044
672054
672056
536864
664655
671987
671994
672009
672015
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

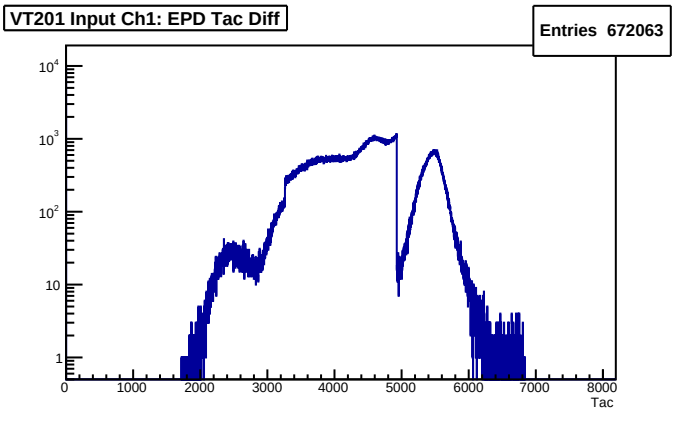

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

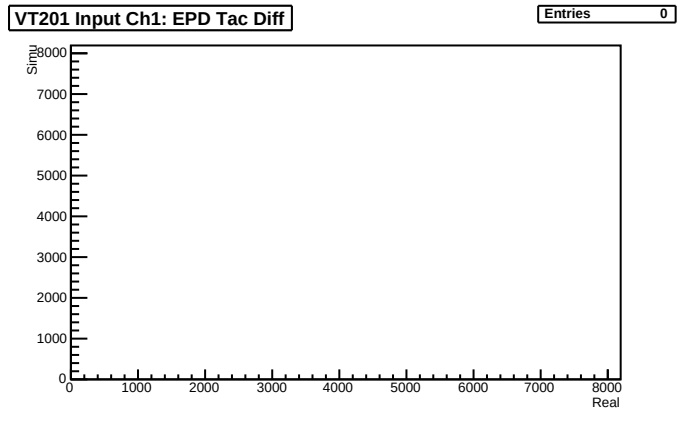

VT201 Input Ch0: BBC Small Tac Diff
Entries 672063
Tac

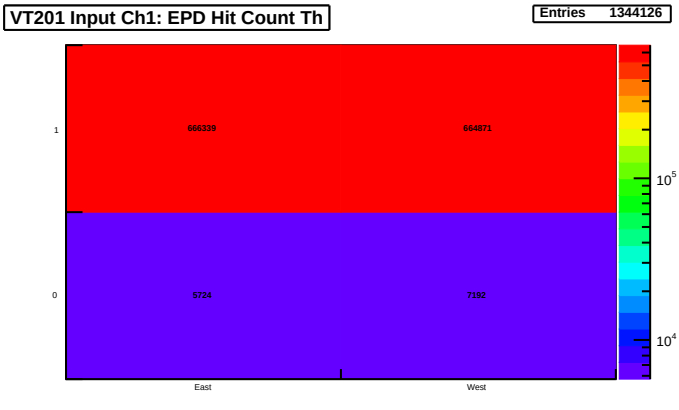

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

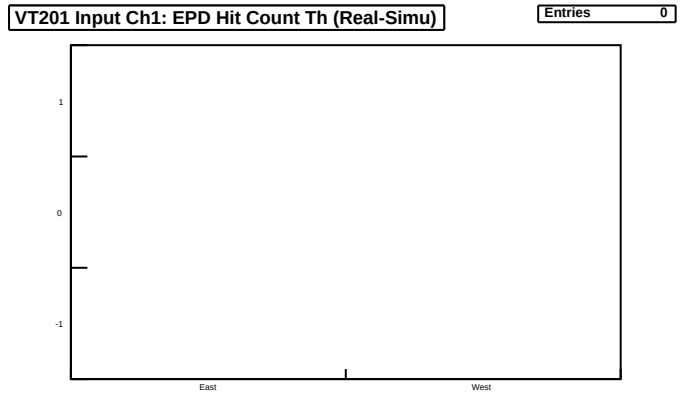

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1344126
403670
590484
268393
81579
East
West

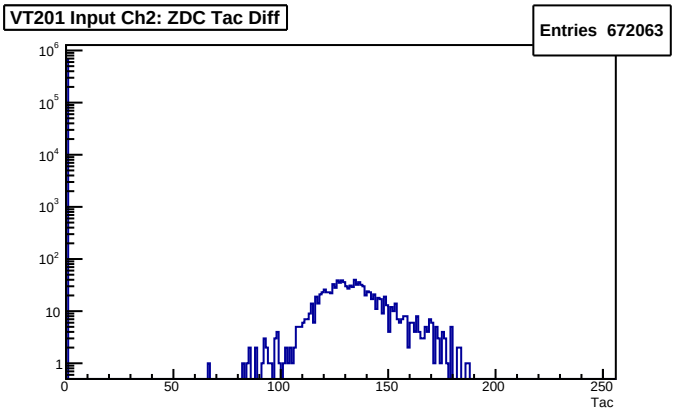

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

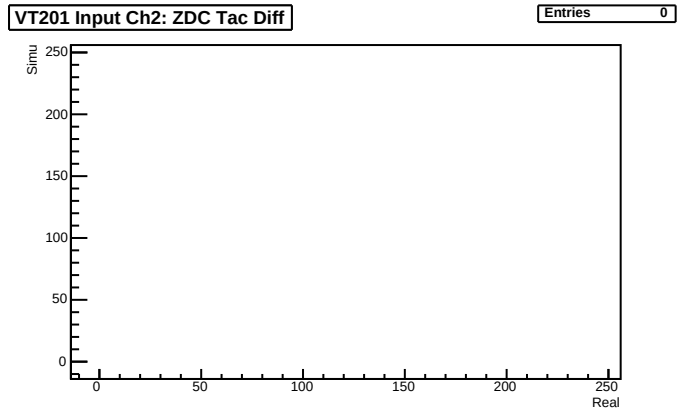

VT201 Input Ch1: EPD Tac Diff
Entries 672063
Tac

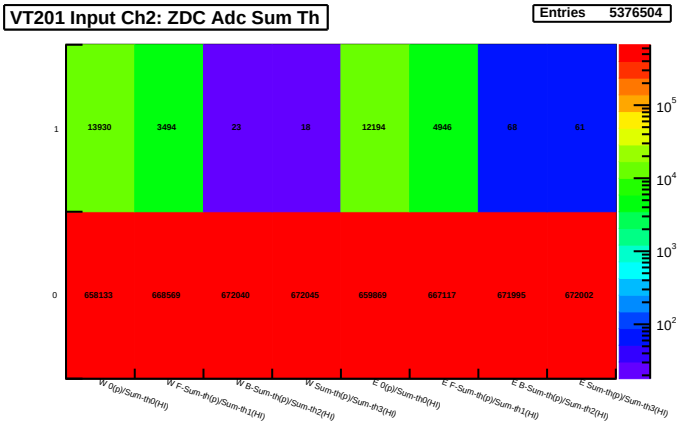

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

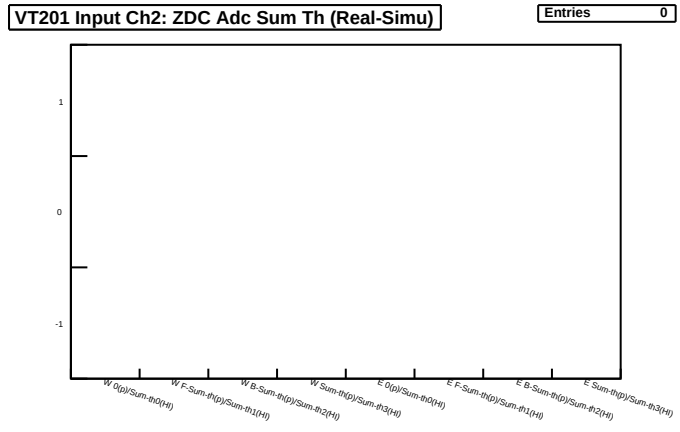

VT201 Input Ch1: EPD Hit Count Th
Entries 1344126
666339
664871
5724
7192
East
West

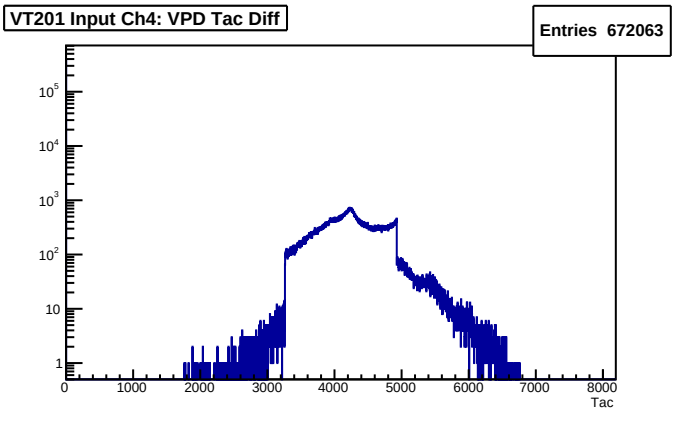

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

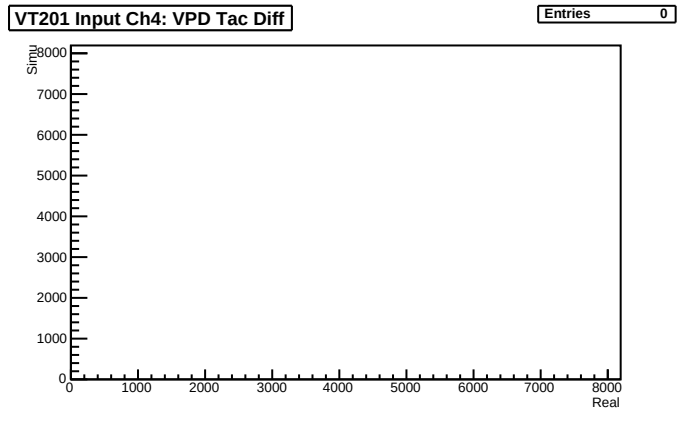

VT201 Input Ch2: ZDC Tac Diff
Entries 672063
Tac

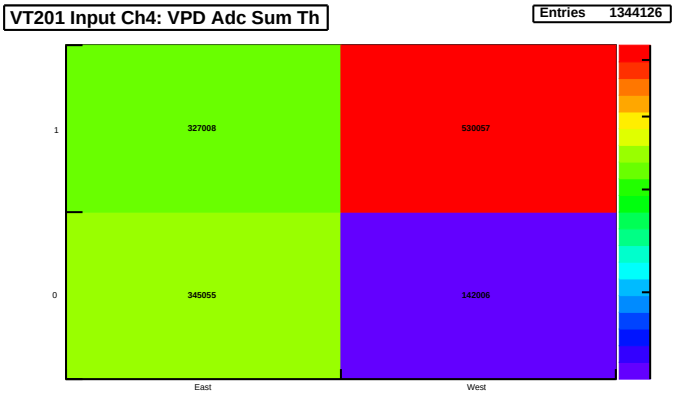

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

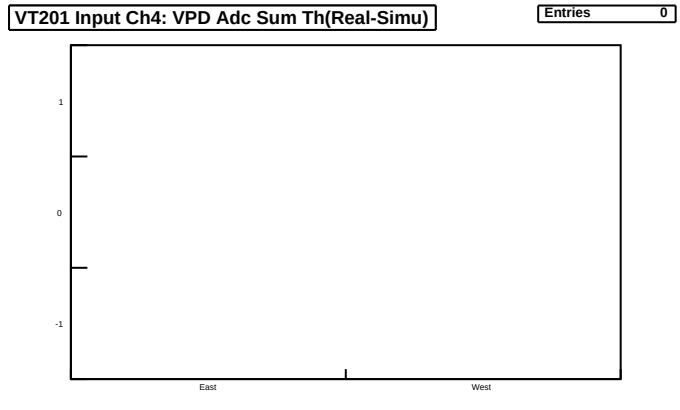

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5376504
13930
3494
23
18
12194
4946
68
61
658133
668569
672040
672045
659869
667117
671995
672002
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

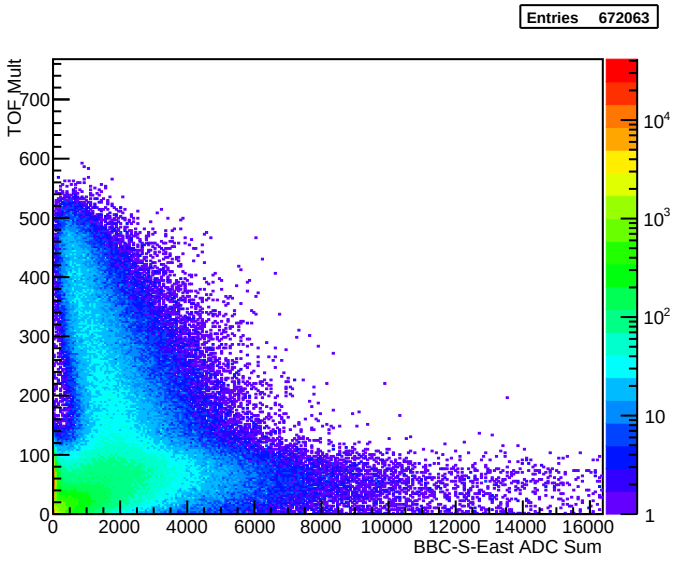

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

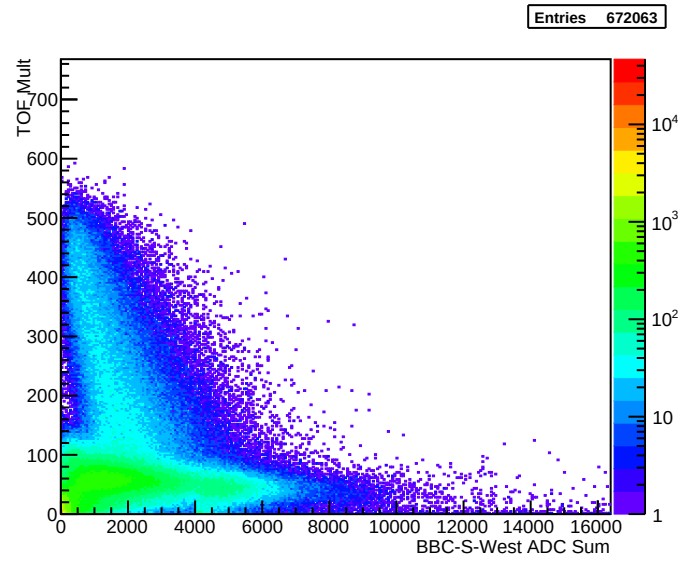

VT201 Input Ch4: VPD Tac Diff
Entries 672063
Tac

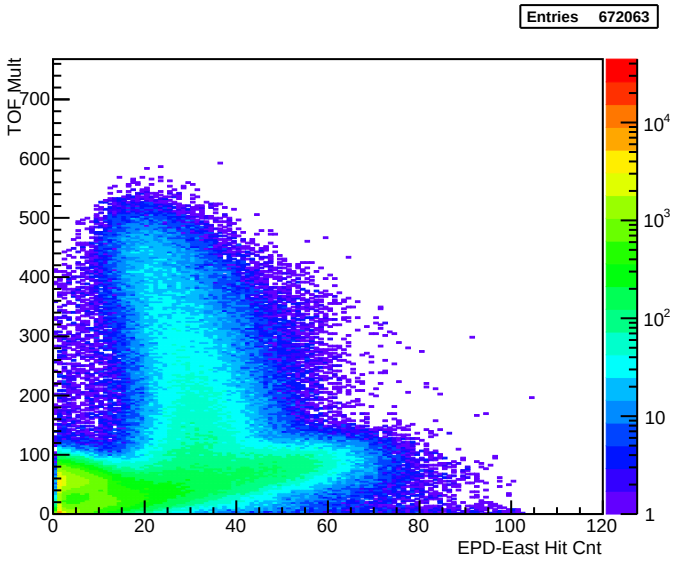

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

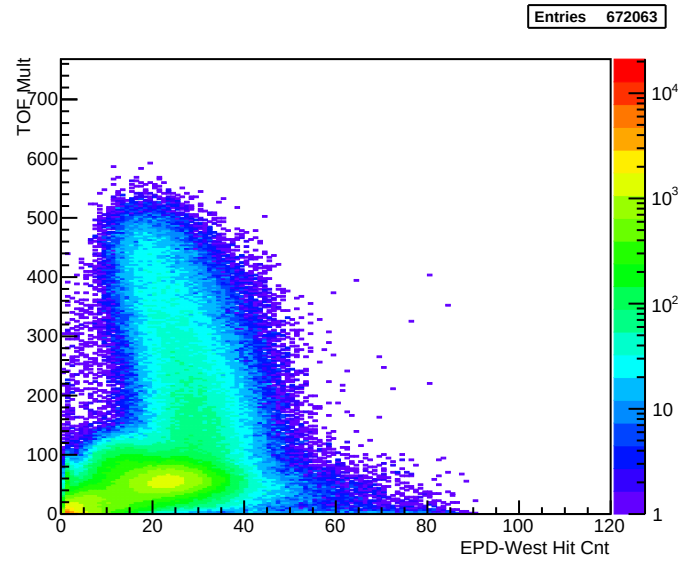

VT201 Input Ch4: VPD Adc Sum Th
Entries 1344126
327008
530067
345055
142006
East
West

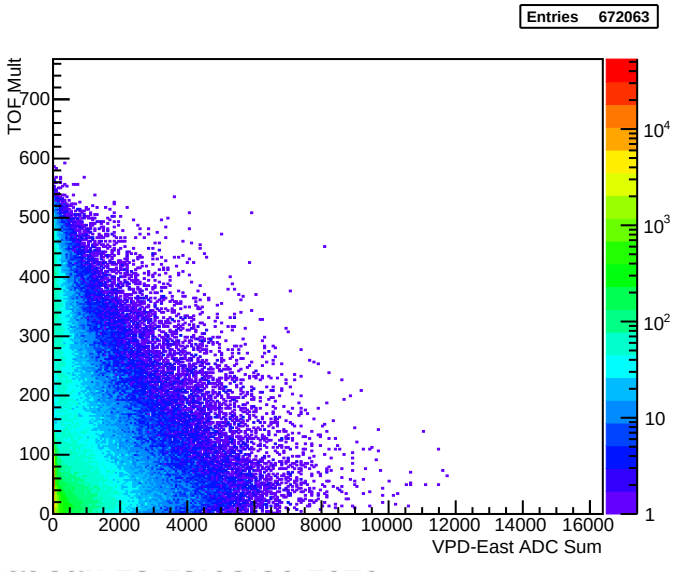

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

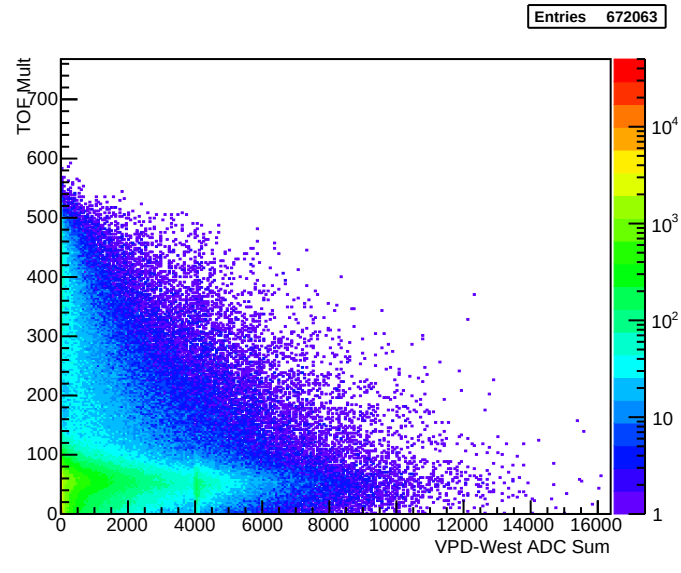

Entries 672063
TOF_Mult
BBC-S-East ADC Sum

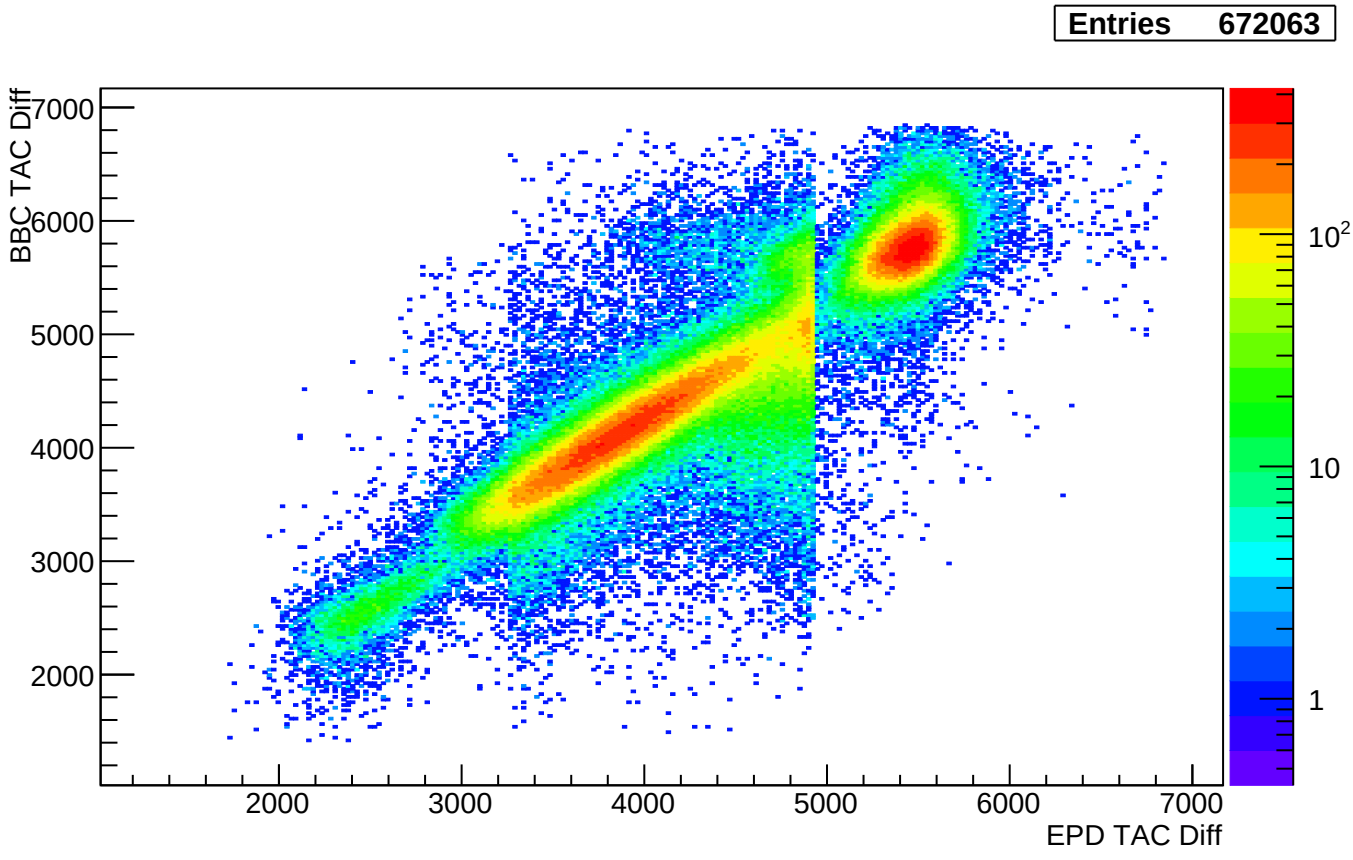

Entries 672063
TOF_Mult
BBC-S-West ADC Sum

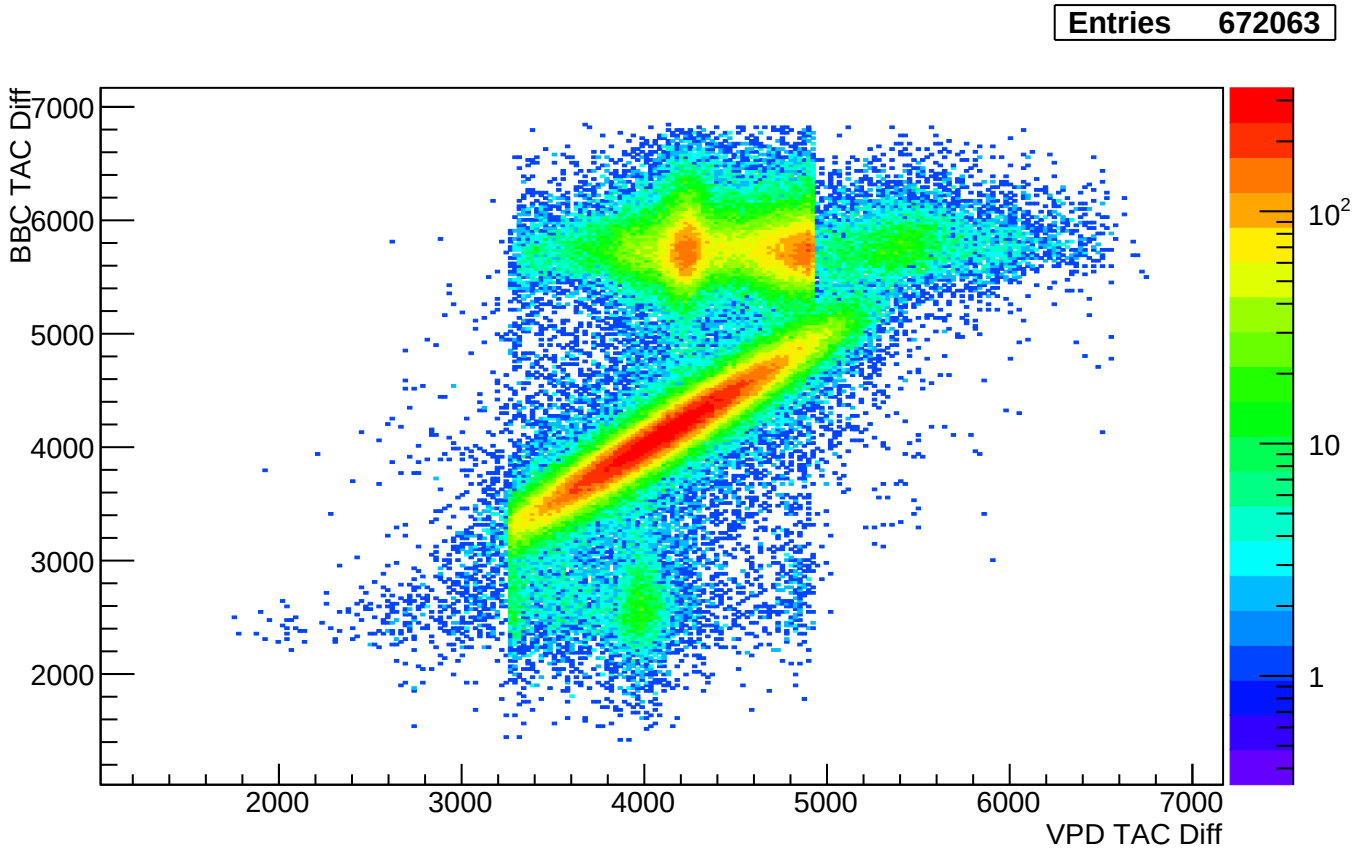

Entries 672063
TOF_Mult
EPD-East Hit Cnt

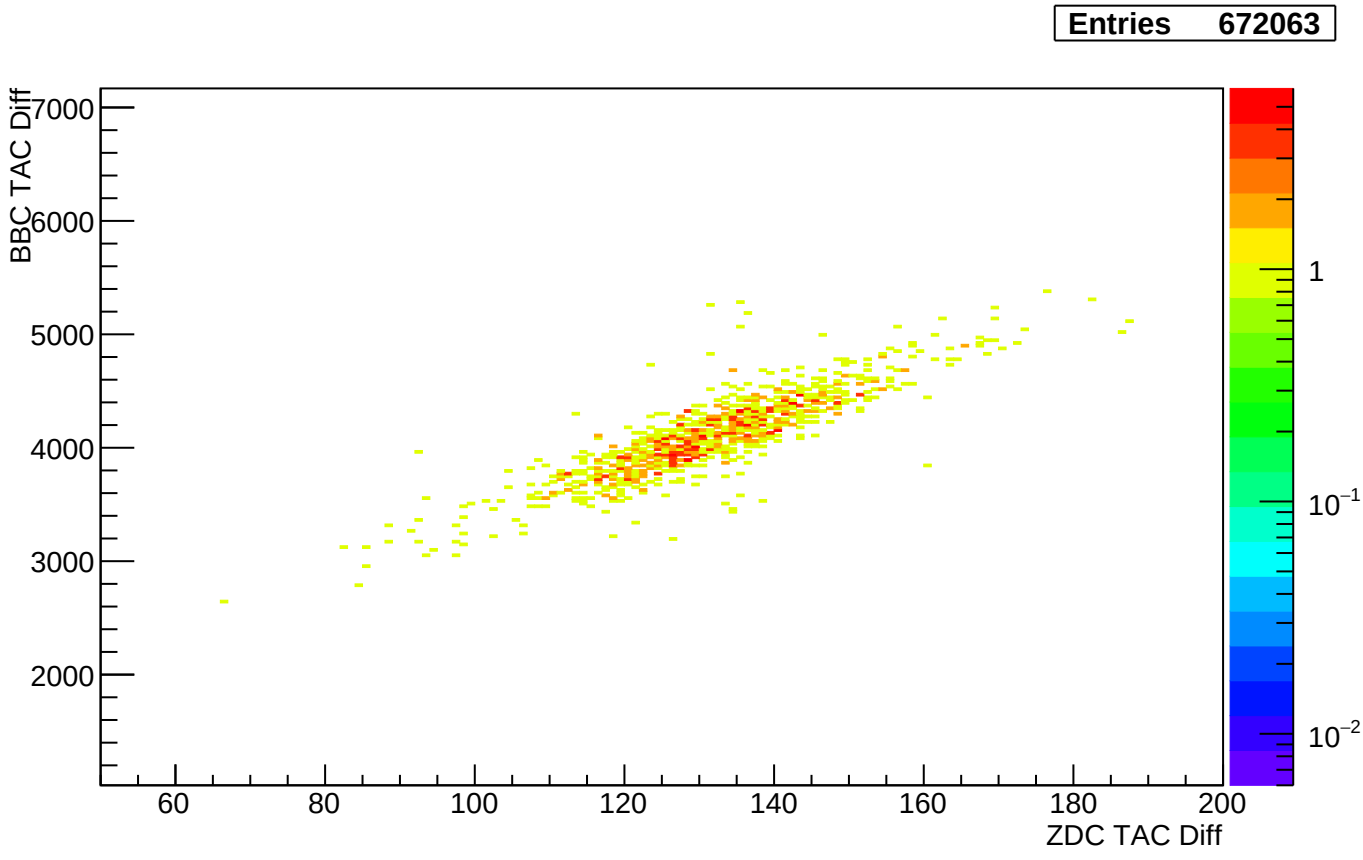

Entries 672063
TOF_Mult
EPD-West Hit Cnt

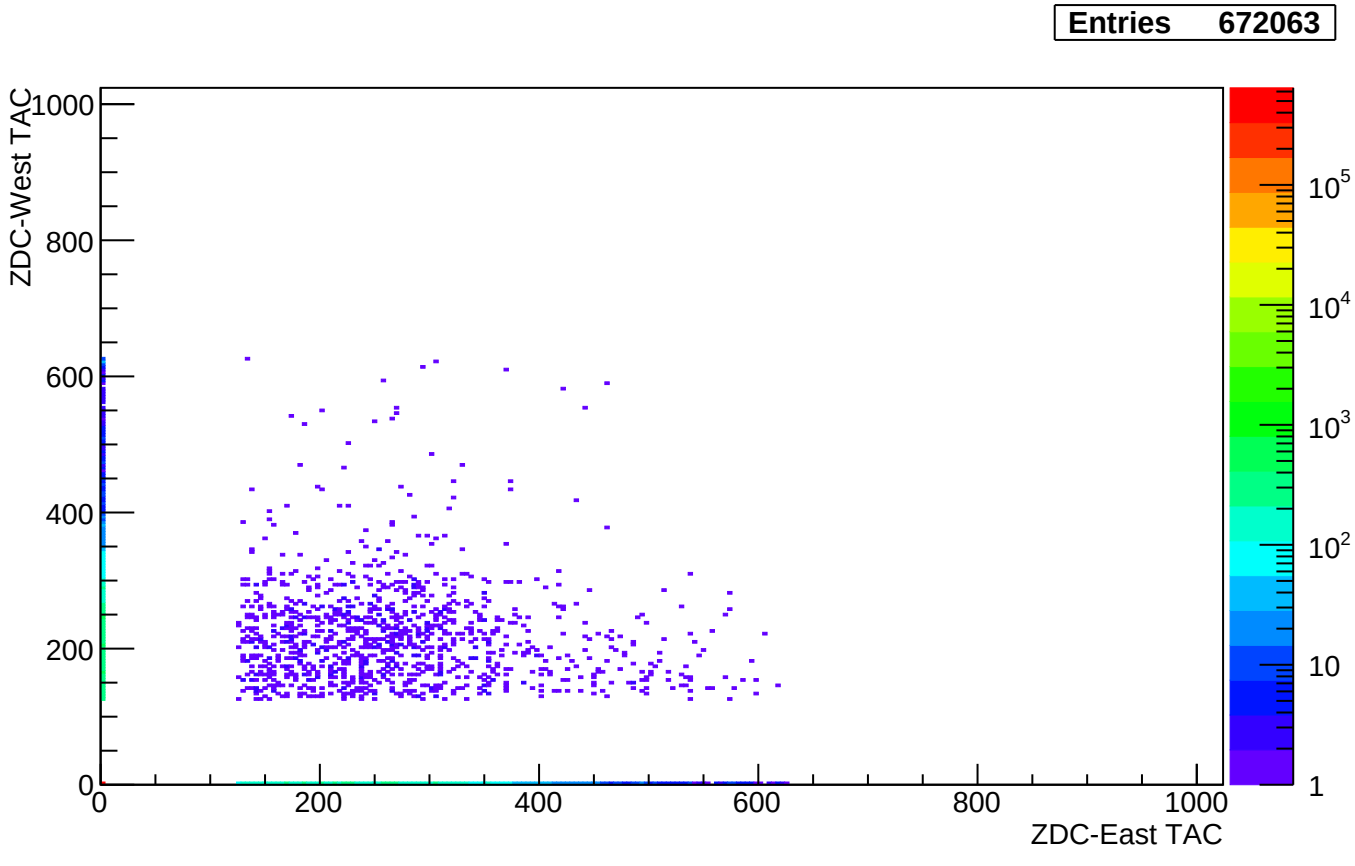

Entries 672063
TOF_Mult
VPD-East ADC Sum

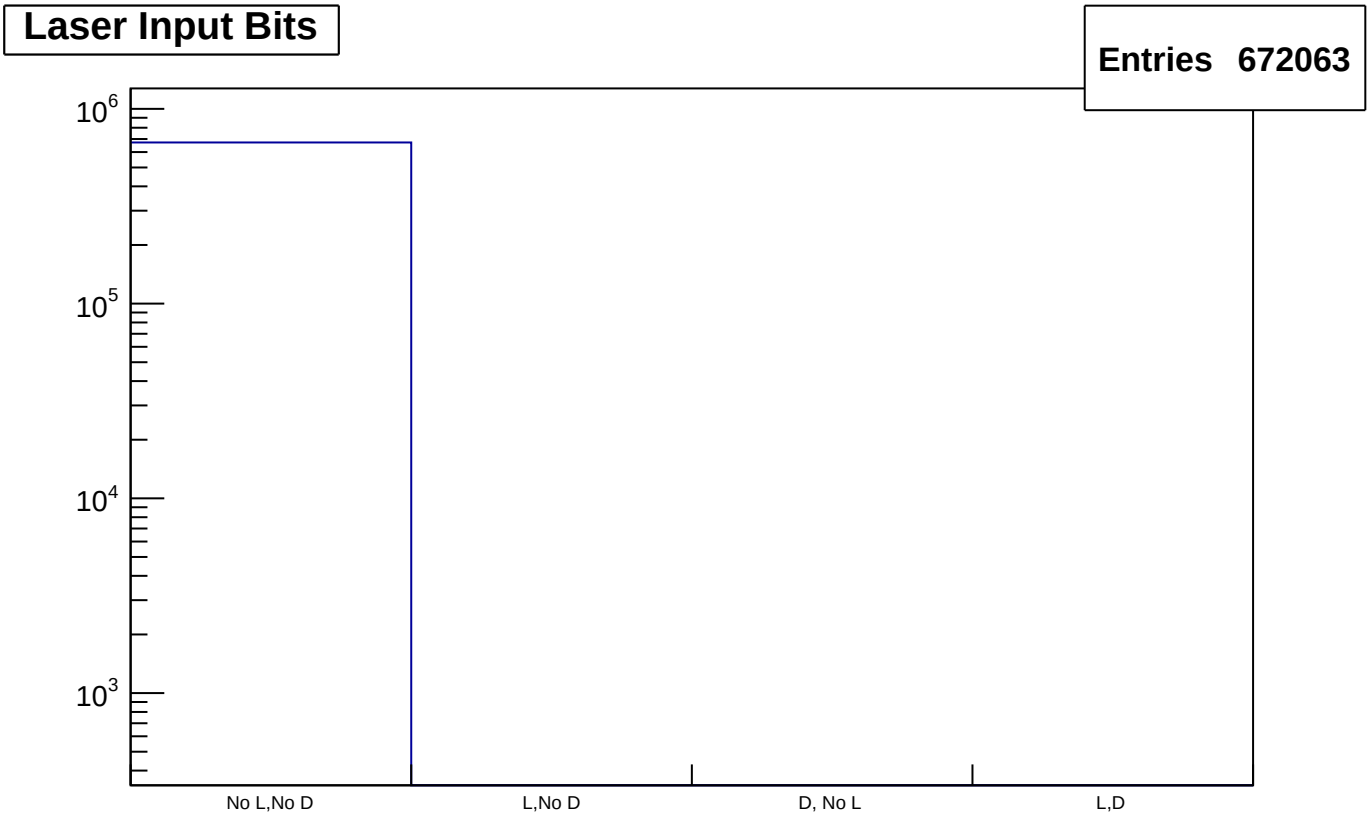

Entries 672063
TOF_Mult
VPD-West ADC Sum

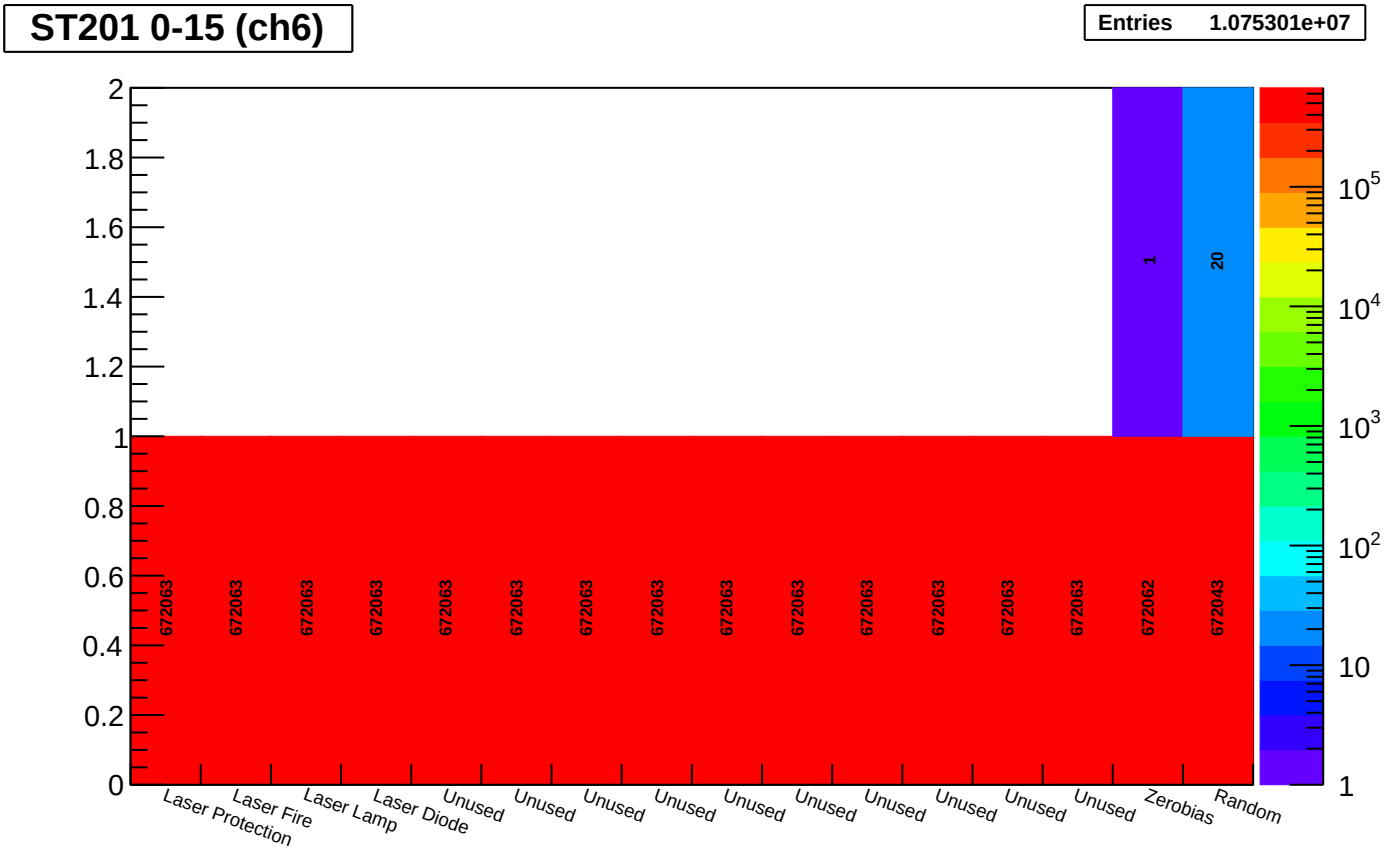

Entries 672063
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

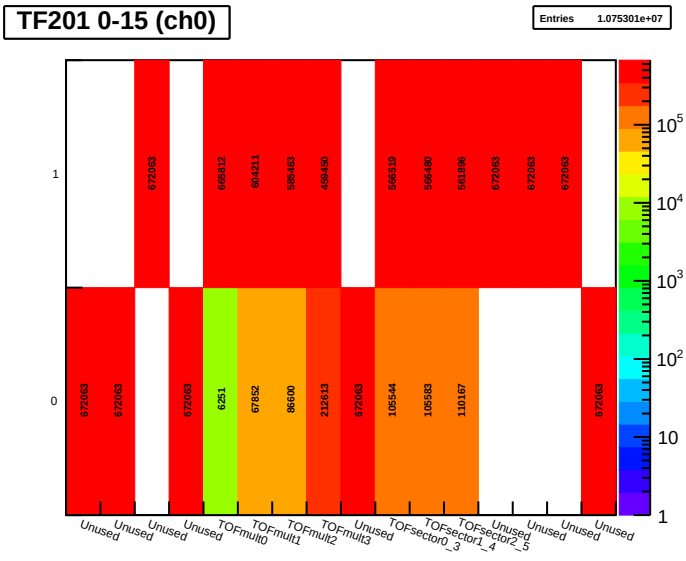

Entries 672063
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

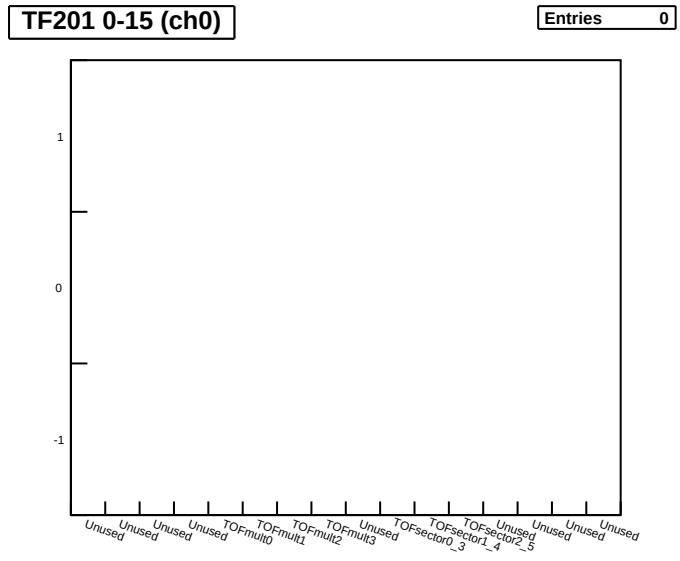

Entries 672063
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

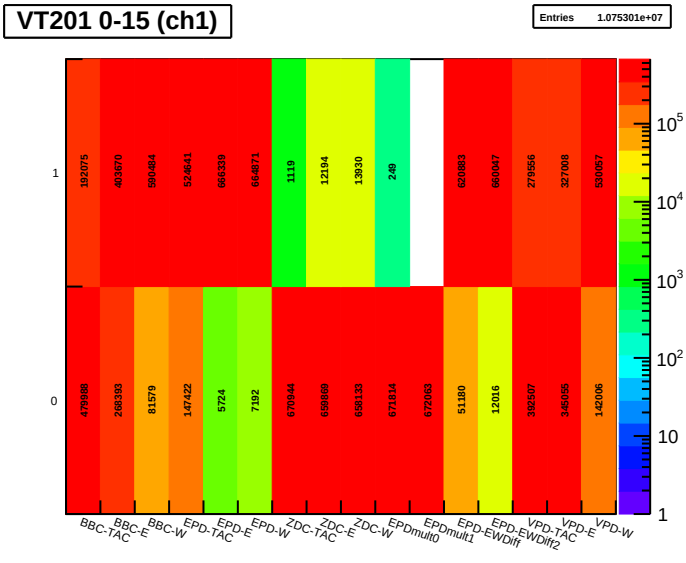

Entries 672063
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

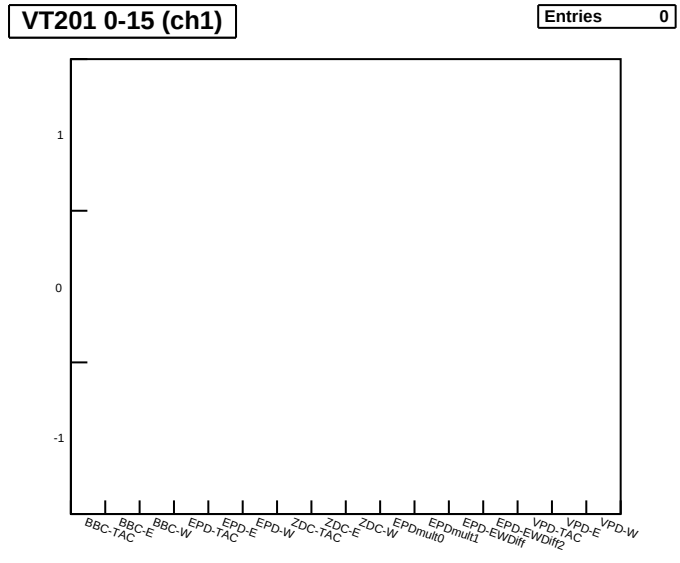

Laser Input Bits
Entries 672063
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

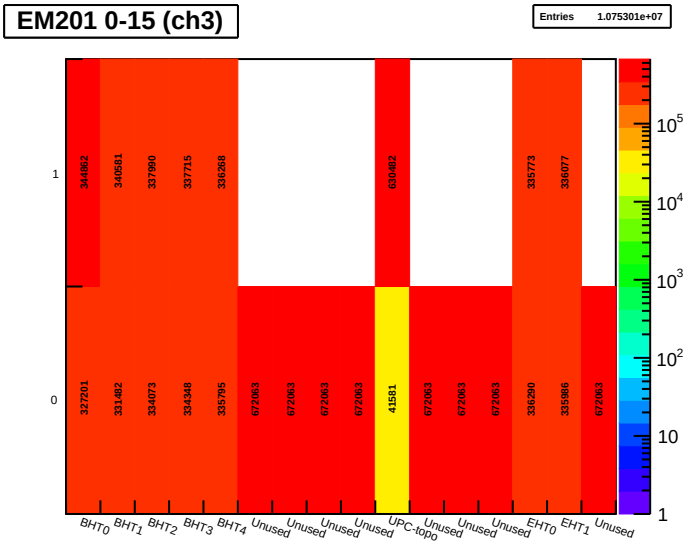

ST201 0-15 (ch6)
Entries 1.075301e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
672063
672063
672063
672063
672063
672063
672063
672063
672063
672063
672063
672063
672063
672063
672062
672043
1
20
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

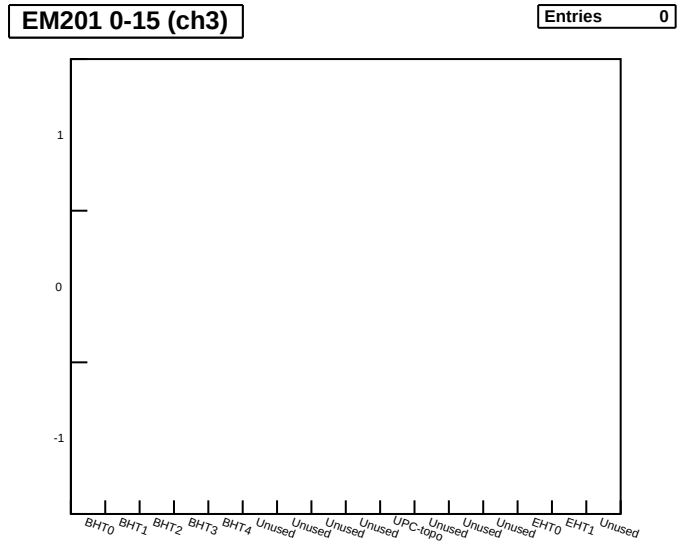

TF201 0-15 (ch0)
Entries 1.075301e+07
1
0
672063 605812 604211 585463 459450 565519 556480 551696 672063 672063 672063
672063 672063 672063 6251 67852 86600 212613 672063 105544 105583 110167 672063
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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


VT201 0-15 (ch1)
Entries 1.075301e+07
1
0
192075 403670 590464 524641 666339 664871 1119 12194 13930 249 620853 660047 279556 327008 530057
479988 268393 81579 147422 5724 7192 670944 659869 658133 671814 672063 51180 12016 392507 345055 142006
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 1.075301e+07
1
0
344862 340581 337990 337715 336268 630482 335773 336077
327201 331482 334073 334348 335795 672063 672063 672063 672063 41581 672063 672063 672063 336290 335986 672063
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