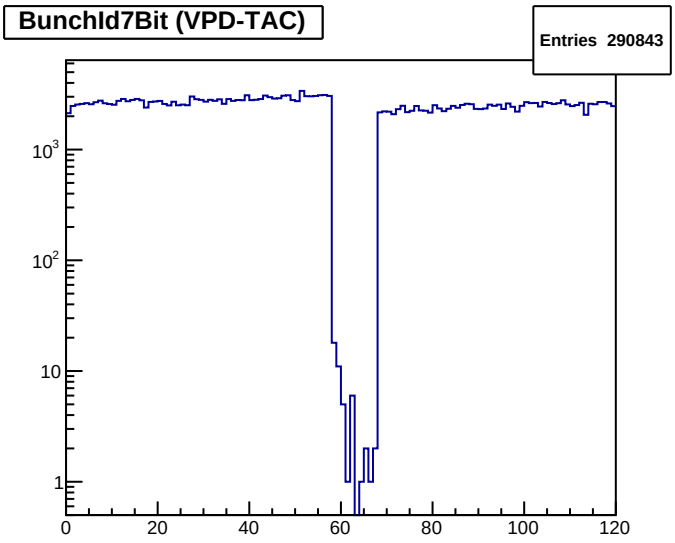
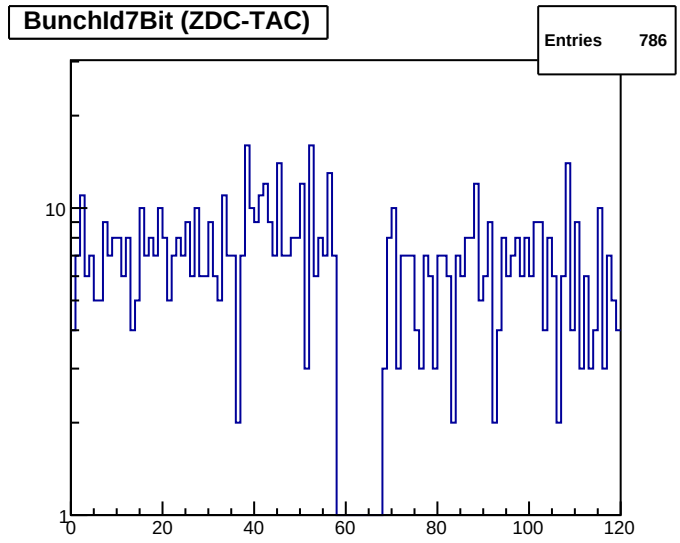
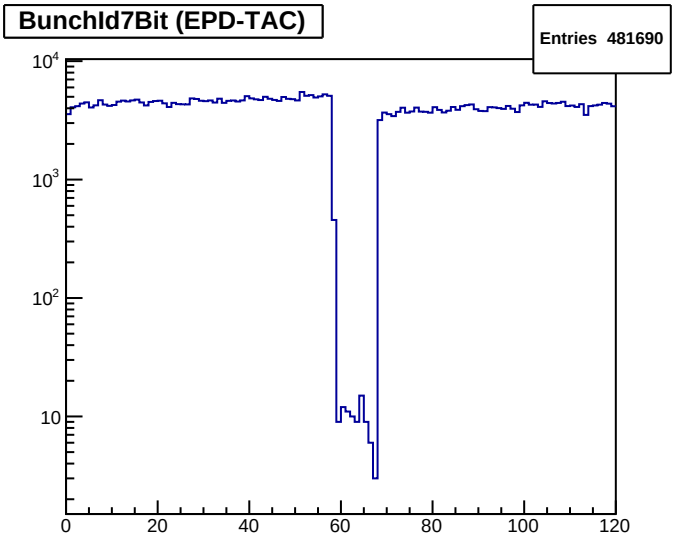
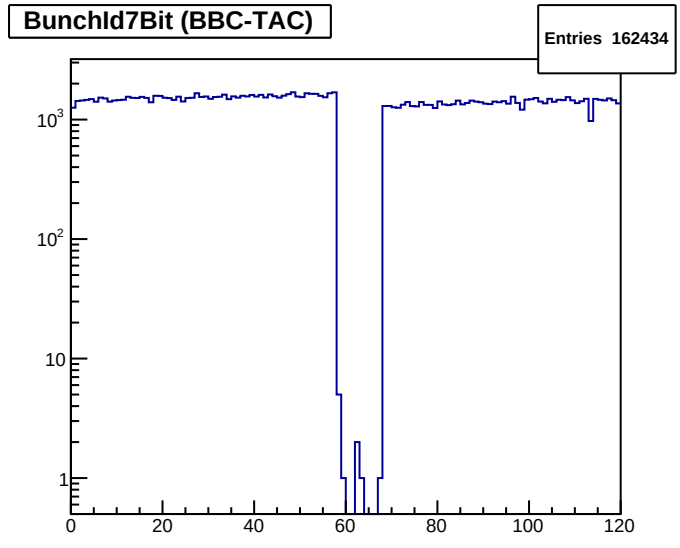
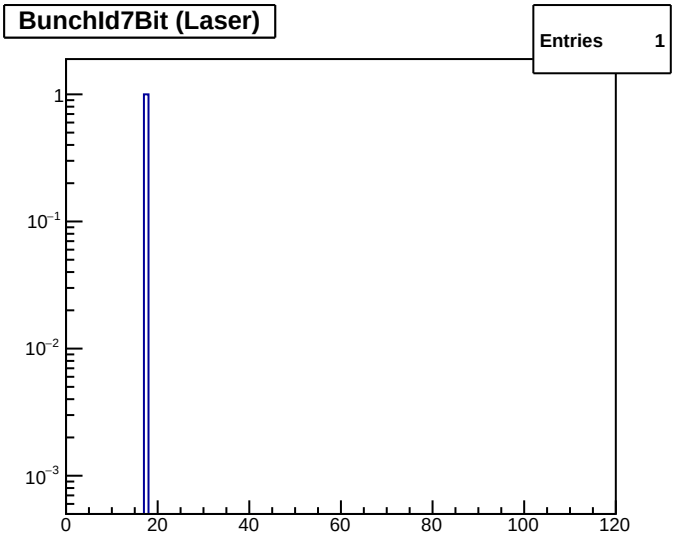
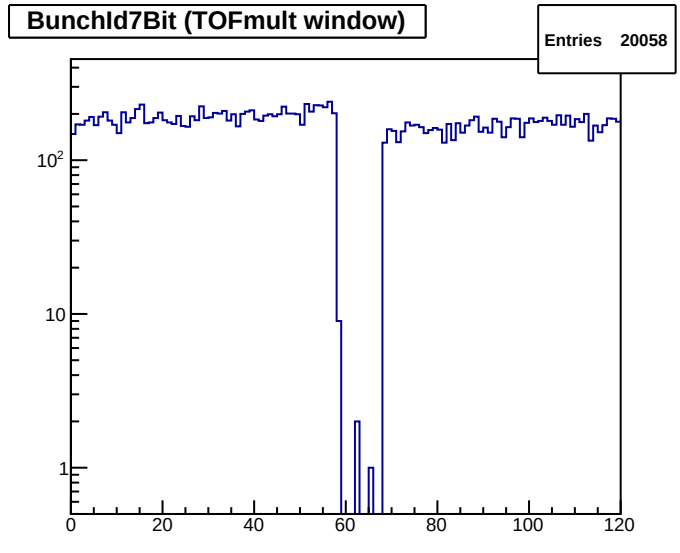

BunchId7Bit (VPD-TAC)
Entries 290843

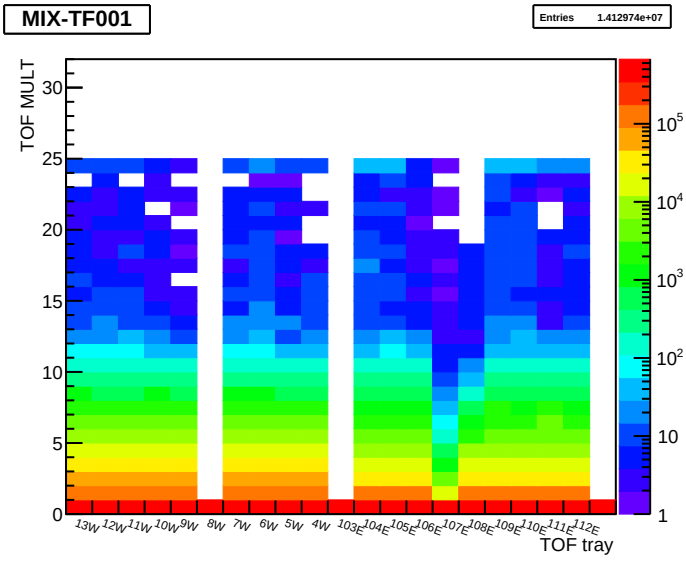

BunchId7Bit (ZDC-TAC)
Entries 786

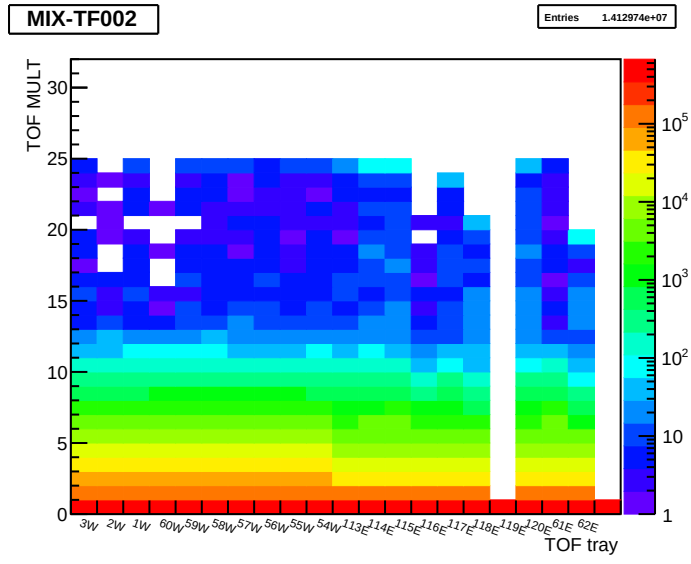

BunchId7Bit (EPD-TAC)
Entries 481690

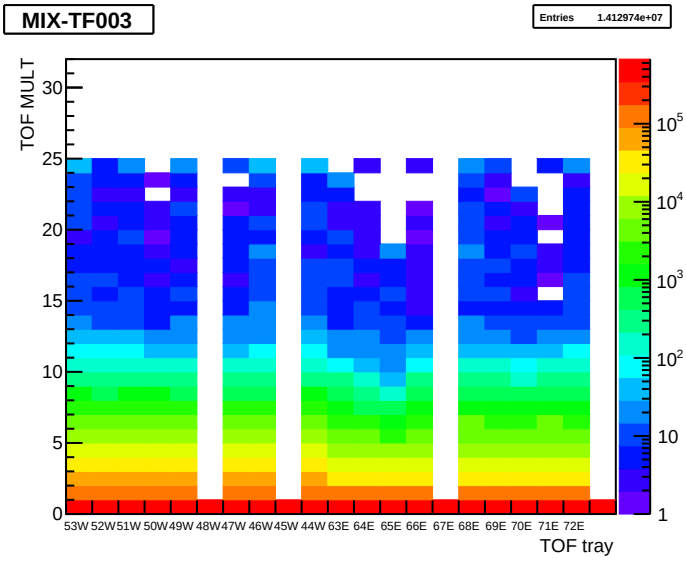

BunchId7Bit (BBC-TAC)
Entries 162434

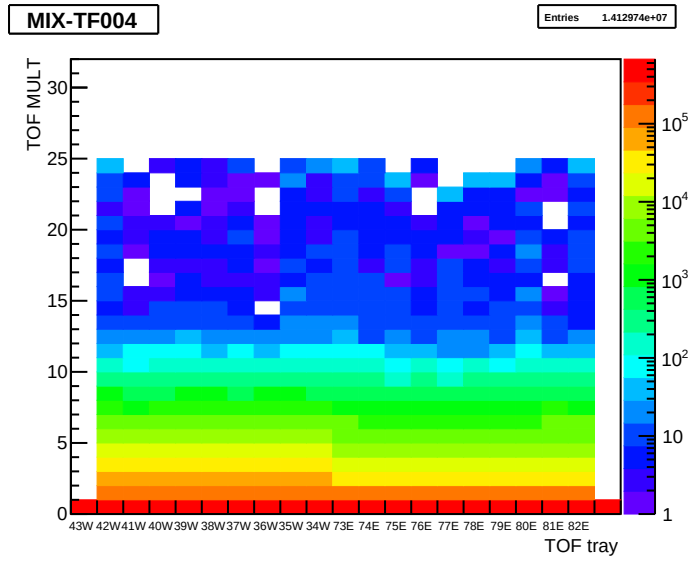

BunchId7Bit (Laser)
Entries 1

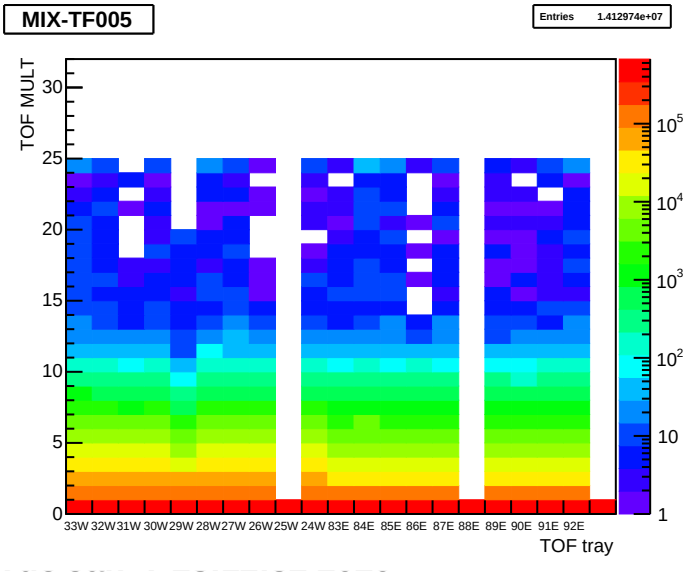

BunchId7Bit (TOFmult window)
Entries 20058

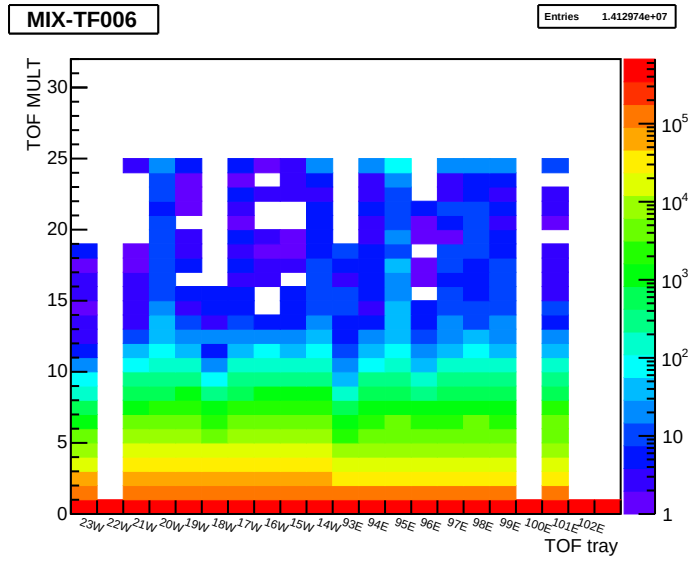

MIX-TF001
Entries 1.412974e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

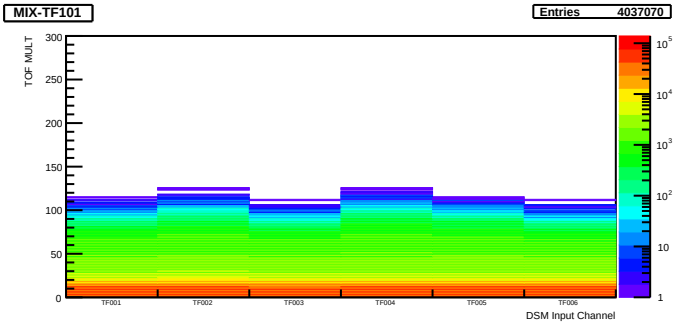

MIX-TF002
Entries 1.412974e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

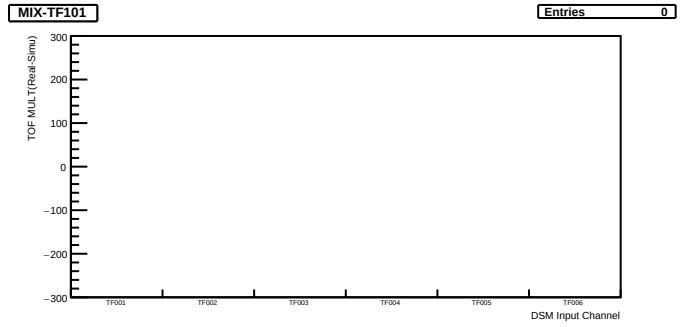

MIX-TF003
Entries 1.412974e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

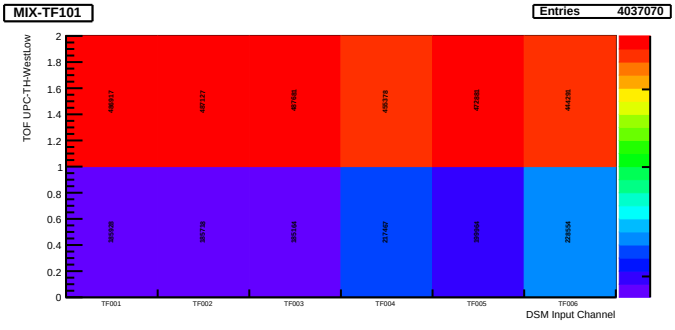

MIX-TF004
Entries 1.412974e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

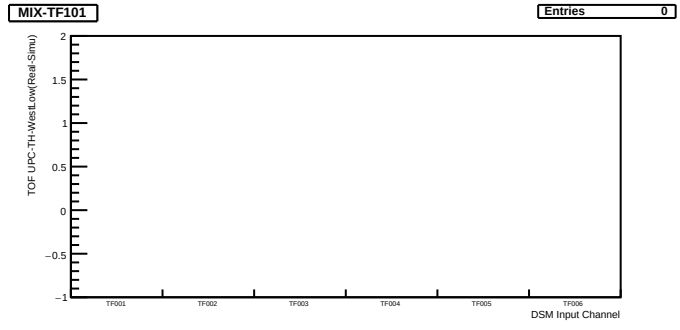

MIX-TF005
Entries 1.412974e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

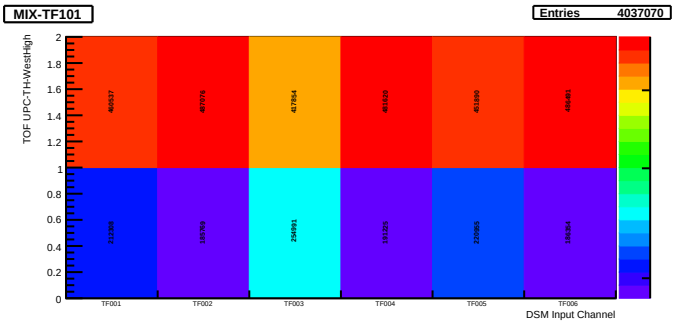

MIX-TF006
Entries 1.412974e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

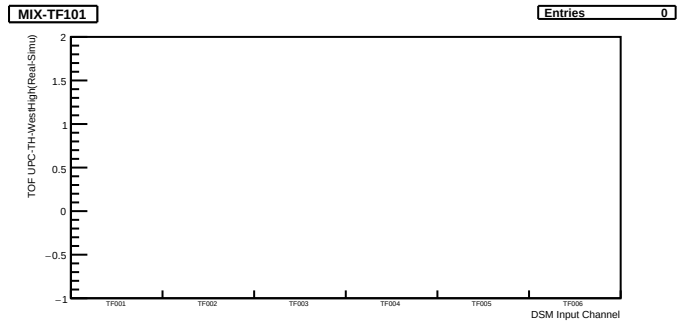

MIX-TF101
Entries 4037070
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

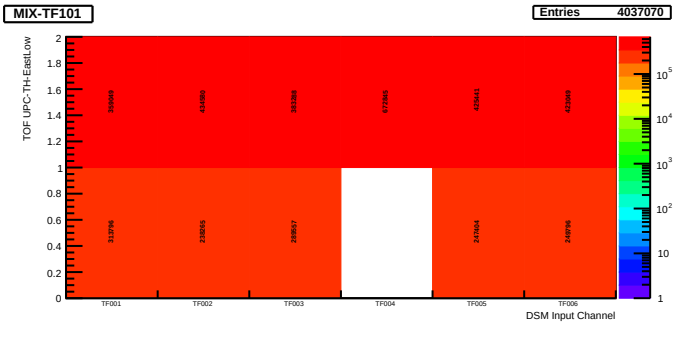

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

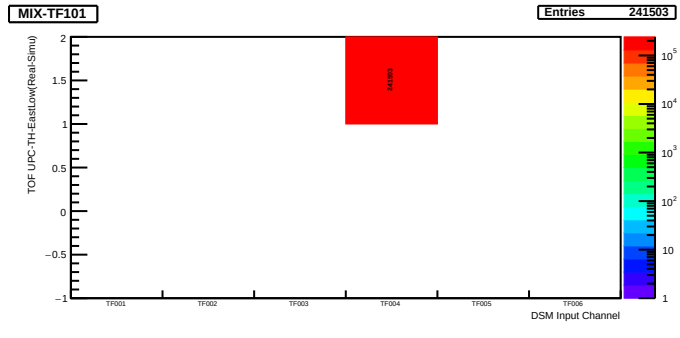

MIX-TF101
Entries 4037070
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

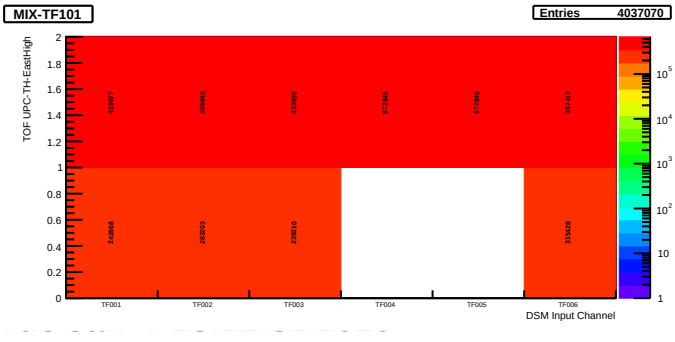

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

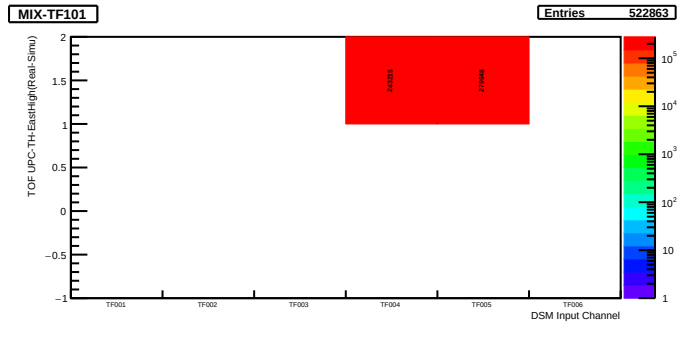

MIX-TF101
Entries 4037070
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

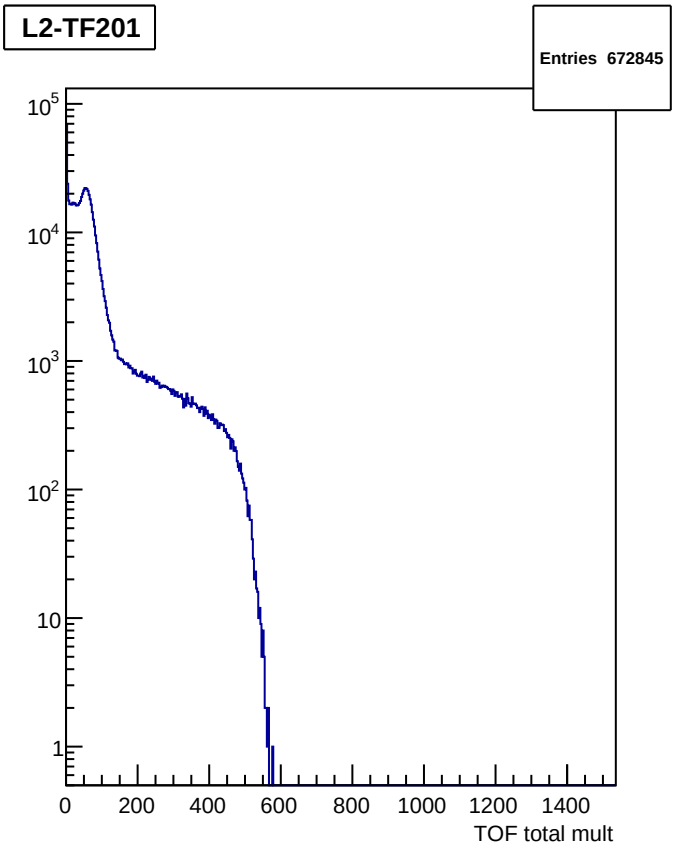

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

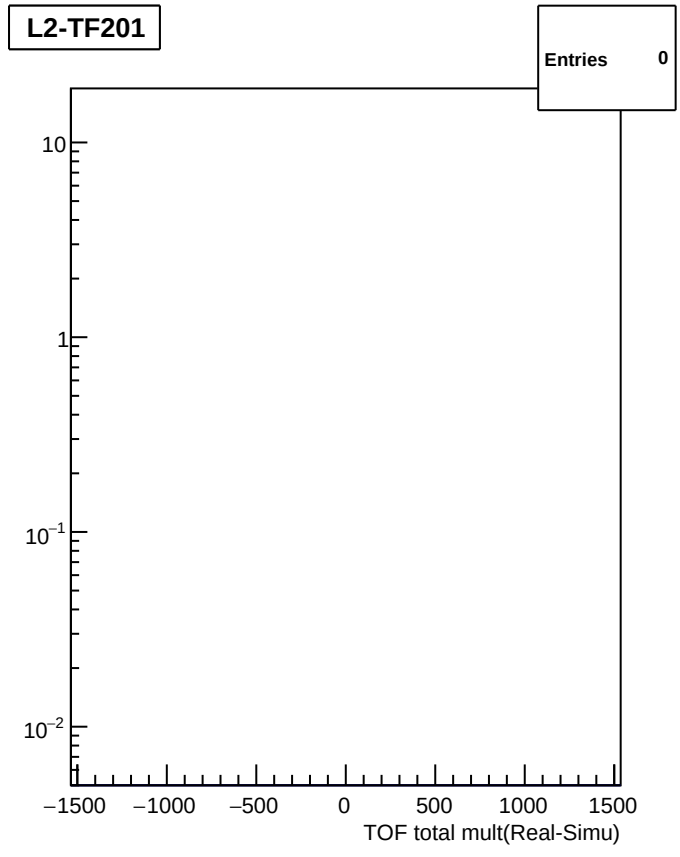

MIX-TF101
Entries 4037070
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

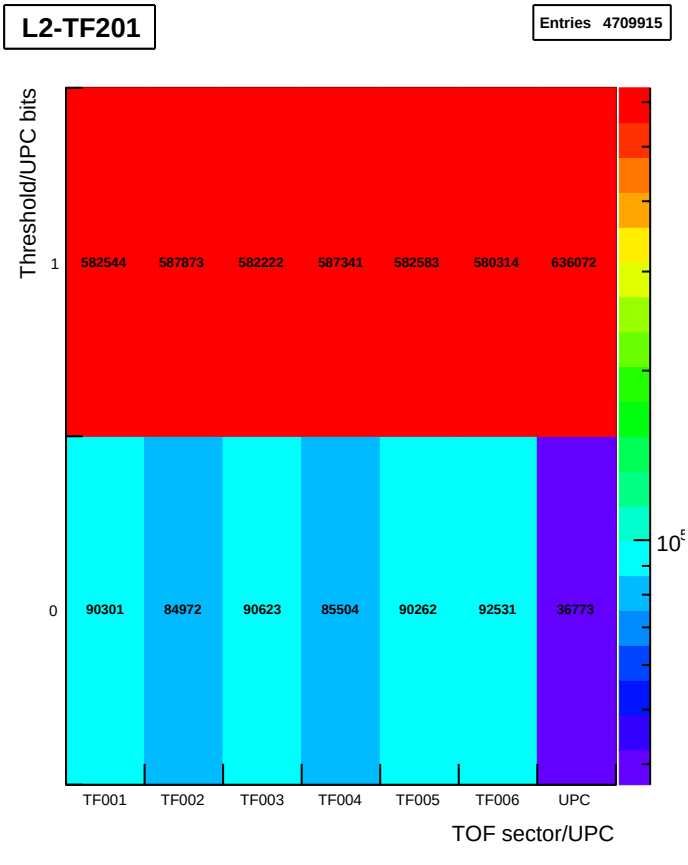

MIX-TF101
Entries 241503
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

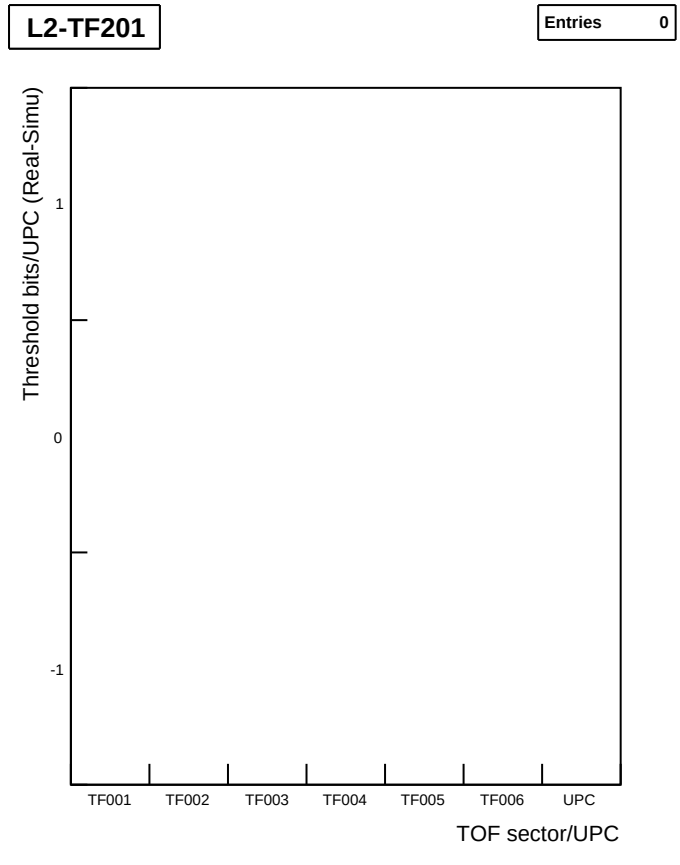

MIX-TF101
Entries 4037070
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

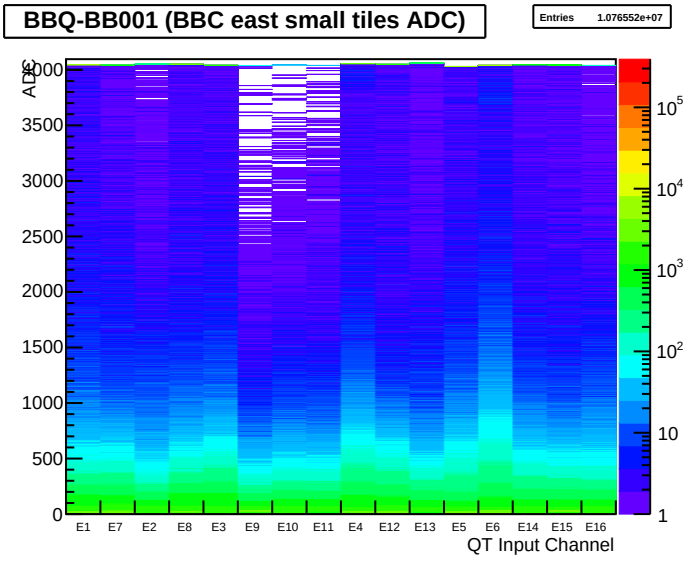

MIX-TF101
Entries 522863
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

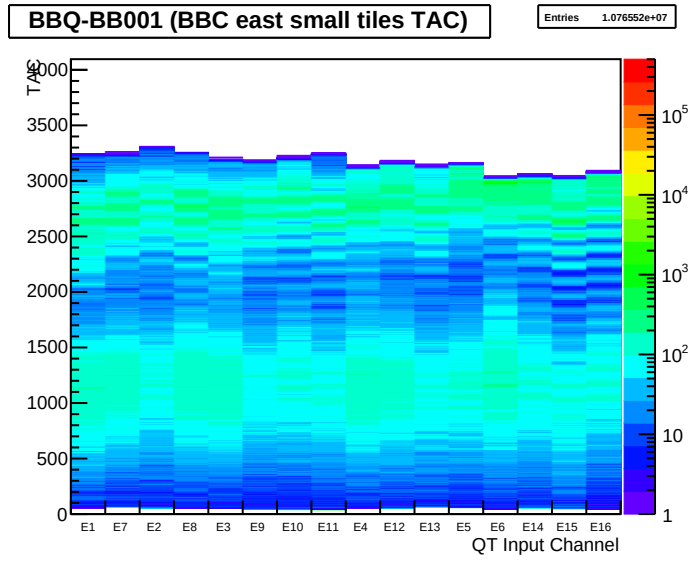

L2-TF201
Entries 672845
TOF total mult

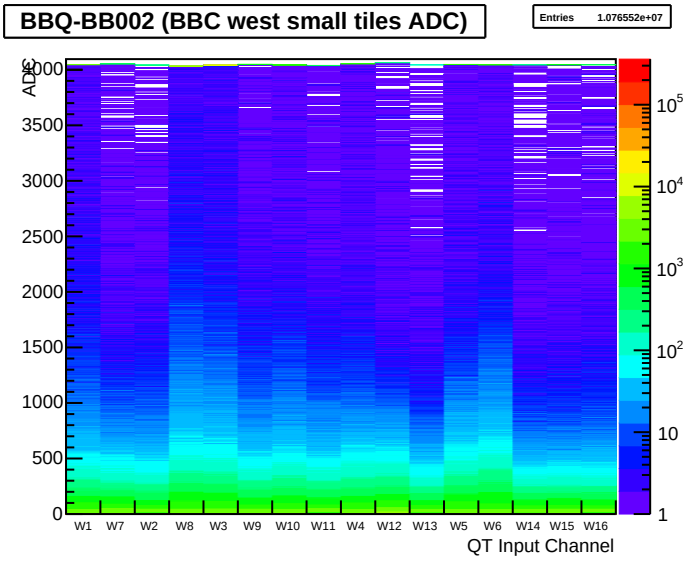

L2-TF201
Entries 0
TOF total mult(Real-Simu)

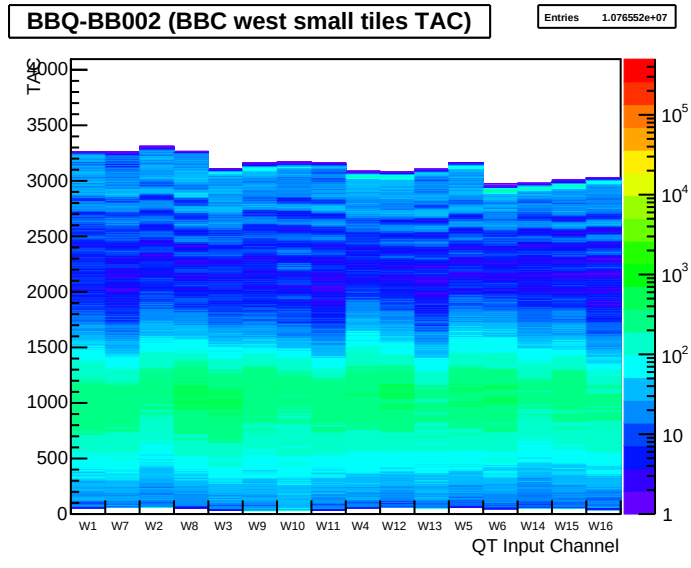

L2-TF201
Entries 4709915
Threshold/UPC bits
582544
587873
582222
587341
582583
580314
636072
90301
84972
90623
85504
90262
92531
36773
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

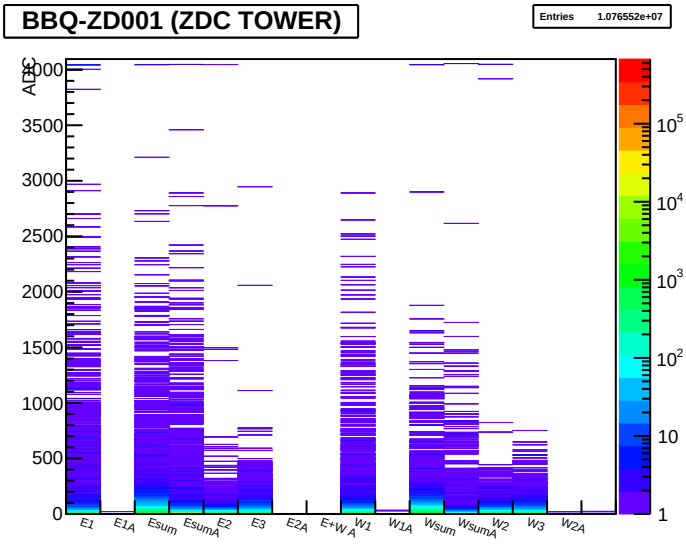

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

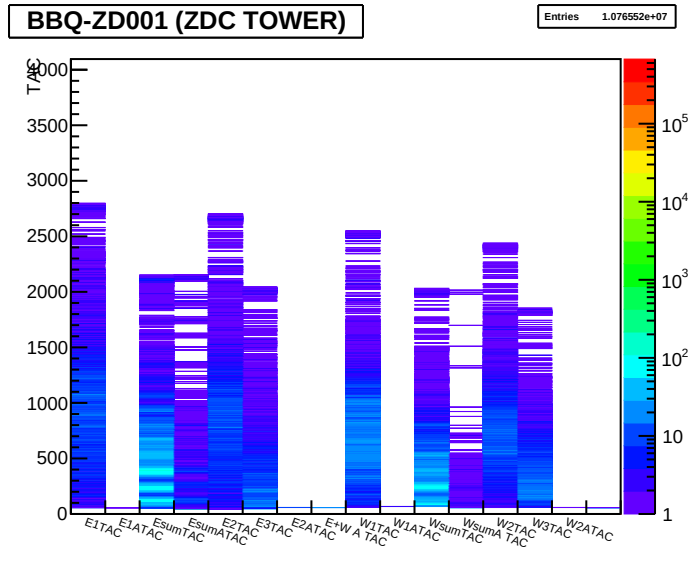

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.076552e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

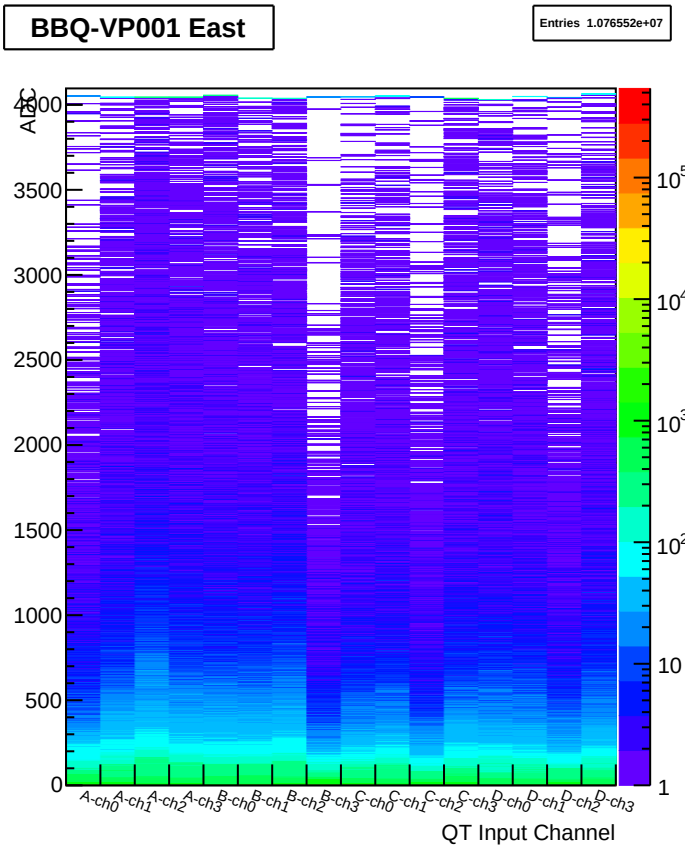

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.076552e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

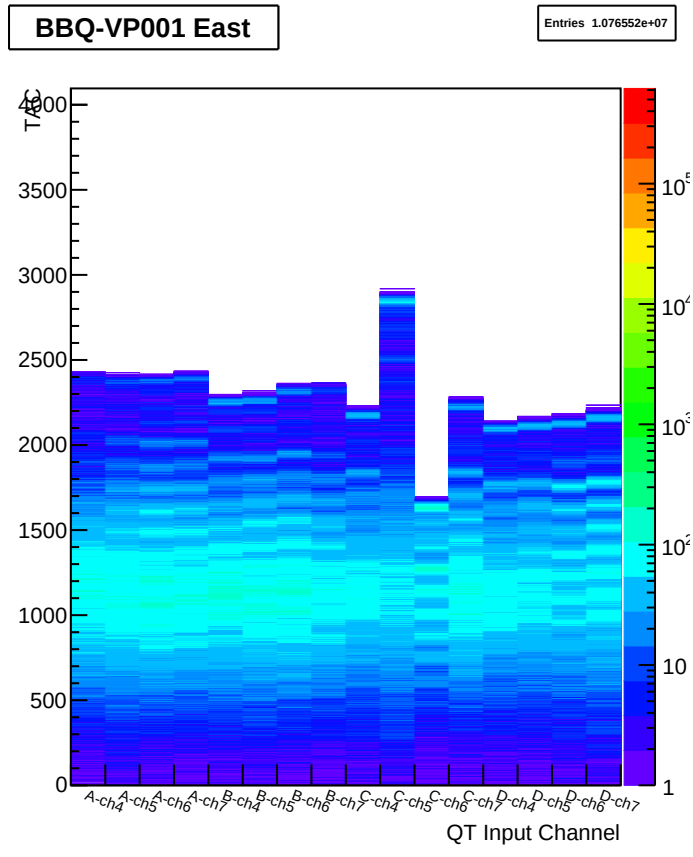

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.076552e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

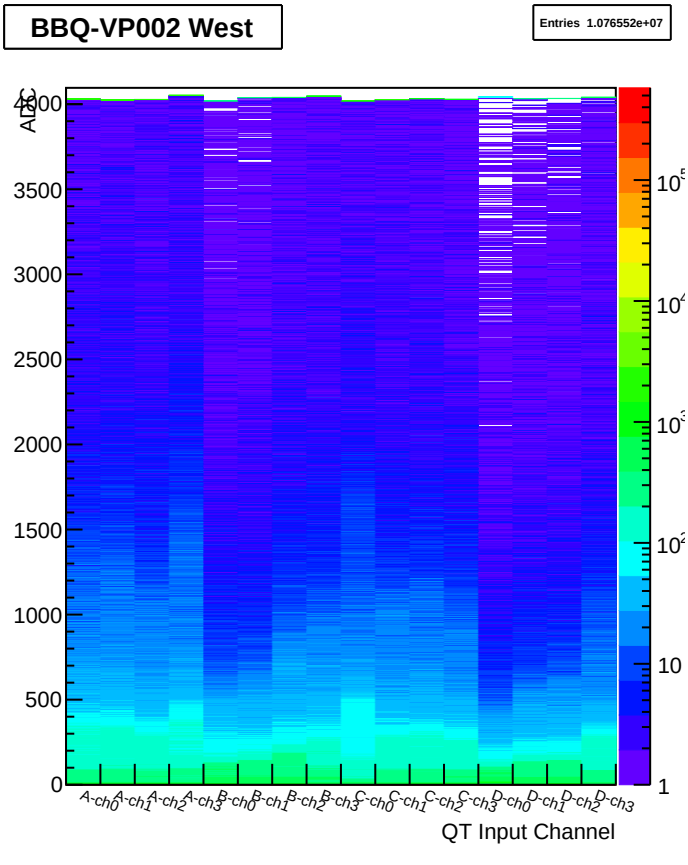

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.076552e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

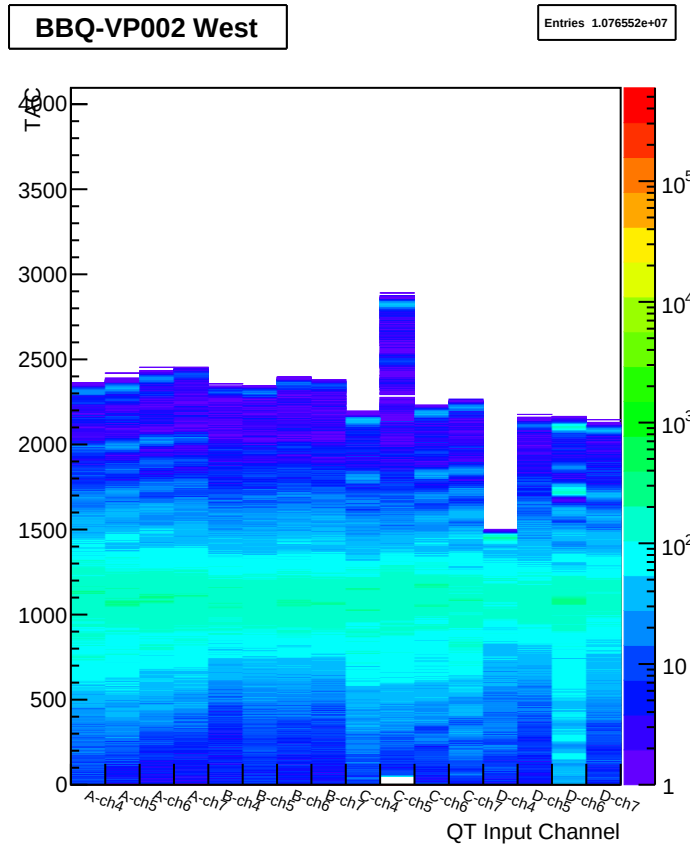

BBQ-ZD001 (ZDC TOWER)
Entries 1.076552e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

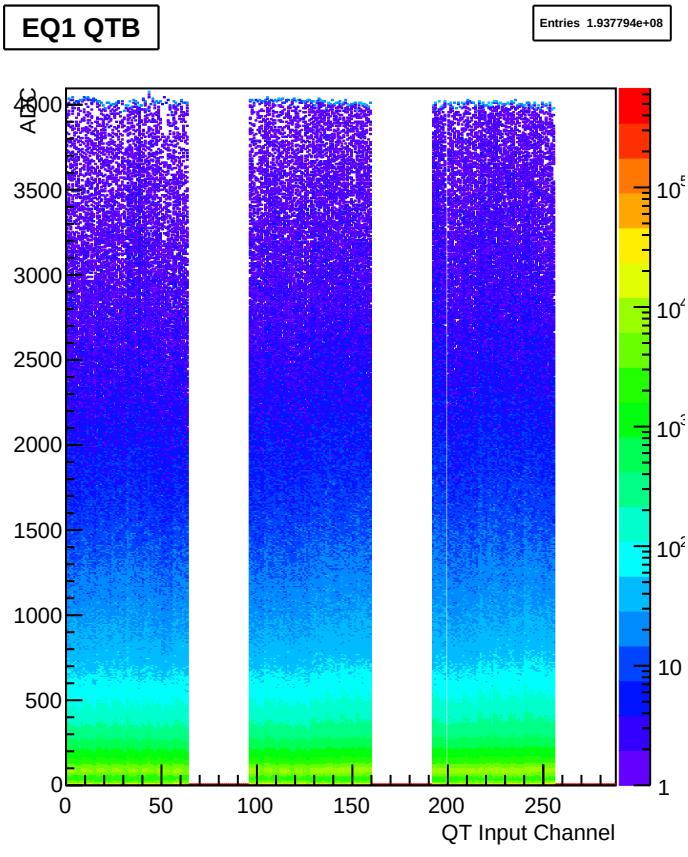

BBQ-ZD001 (ZDC TOWER)
Entries 1.076552e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

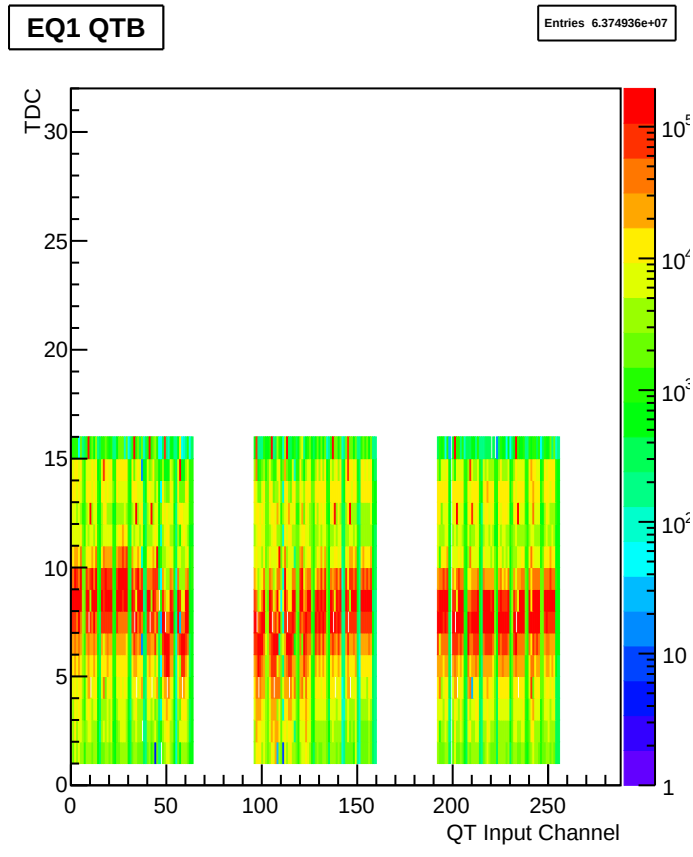

BBQ-VP001 East
Entries 1.076552e+07
ADC
QT Input Channel

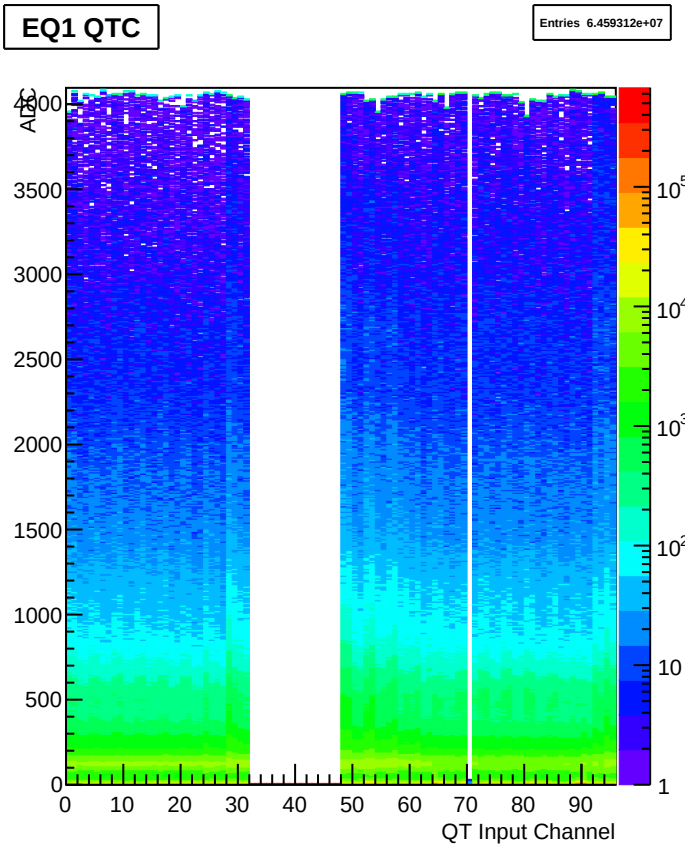

BBQ-VP001 East
Entries 1.076552e+07
TADC
QT Input Channel

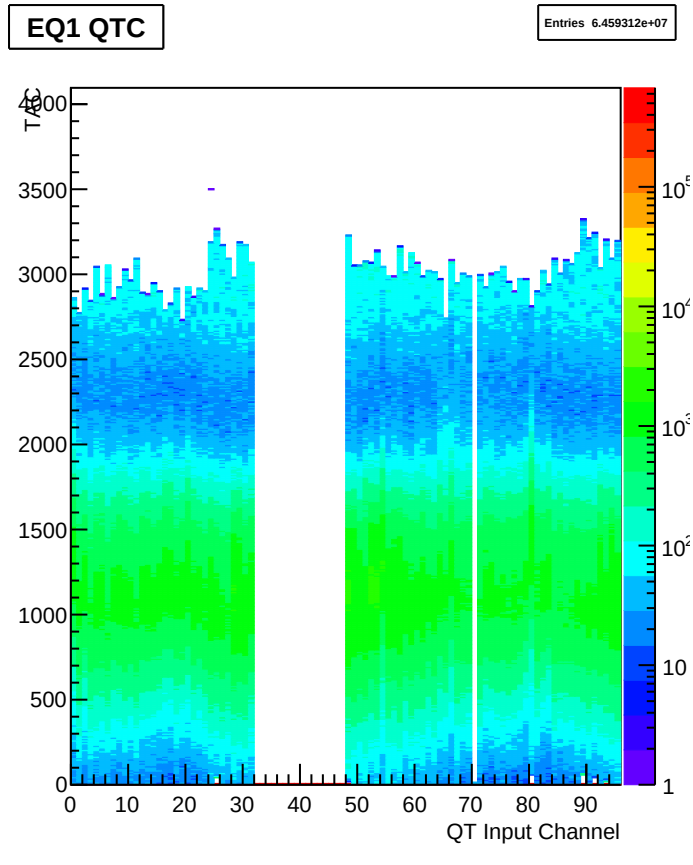

BBQ-VP002 West
Entries 1.076552e+07
ADC
QT Input Channel

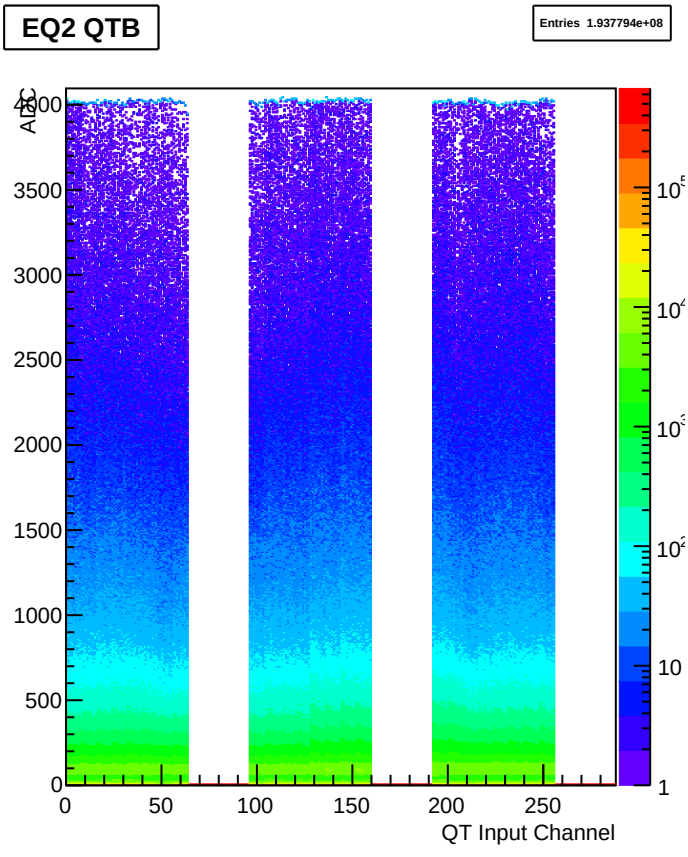

BBQ-VP002 West
Entries 1.076552e+07
TADC
QT Input Channel

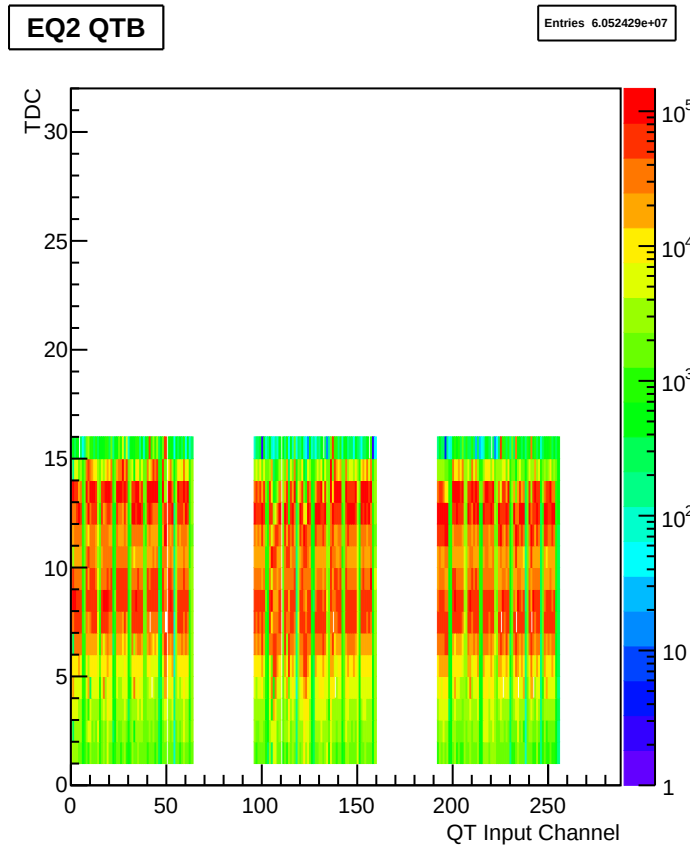

EQ1 QTB
Entries 1.937794e+08
ADC
QT Input Channel

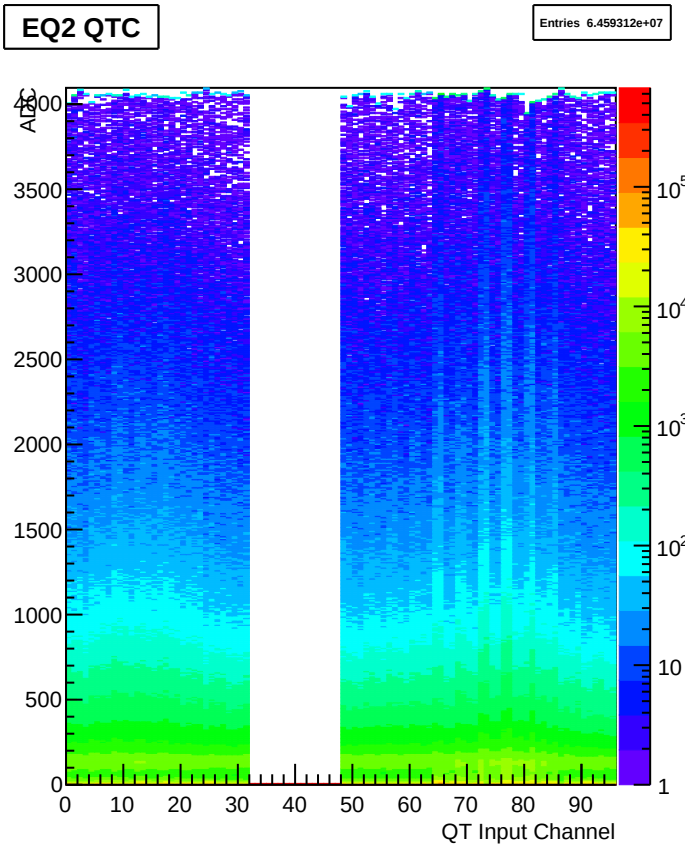

EQ1 QTB
Entries 6.374936e+07
TDC
QT Input Channel

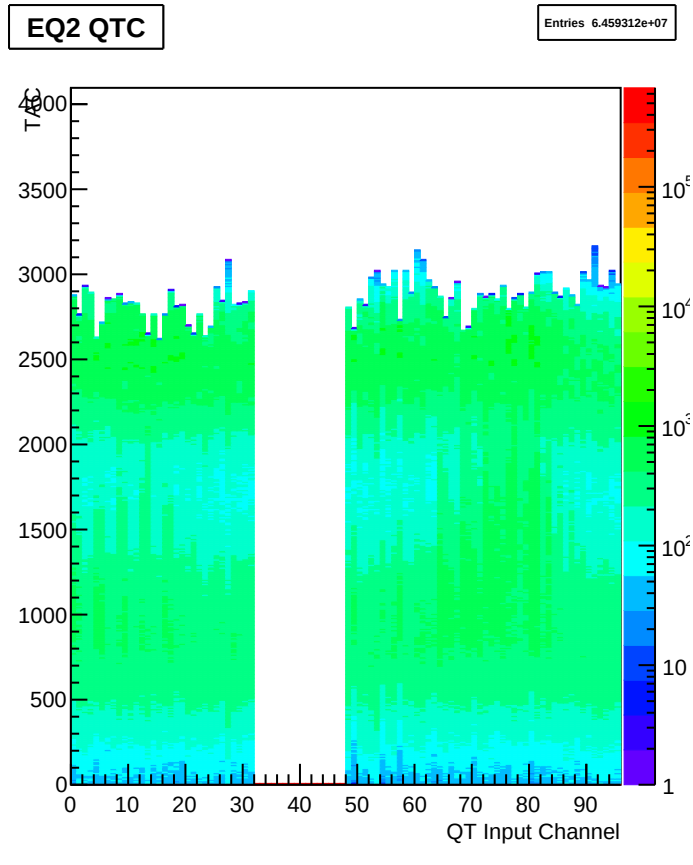

EQ1 QTC
Entries 6.459312e+07
ADC
QT Input Channel

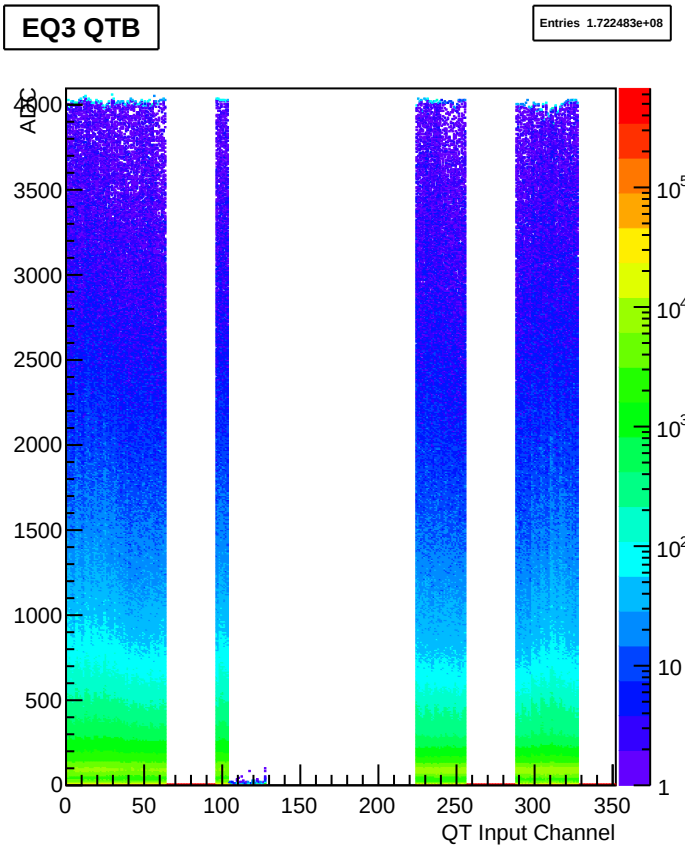

EQ1 QTC
Entries 6.459312e+07
TADC
QT Input Channel

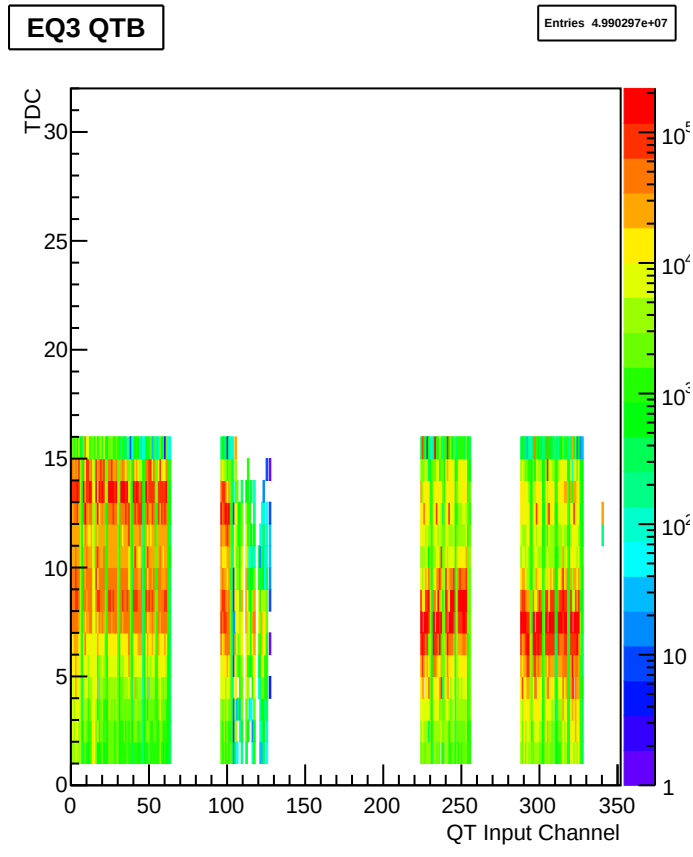

EQ2 QTB
Entries 1.937794e+08
ADC
QT Input Channel

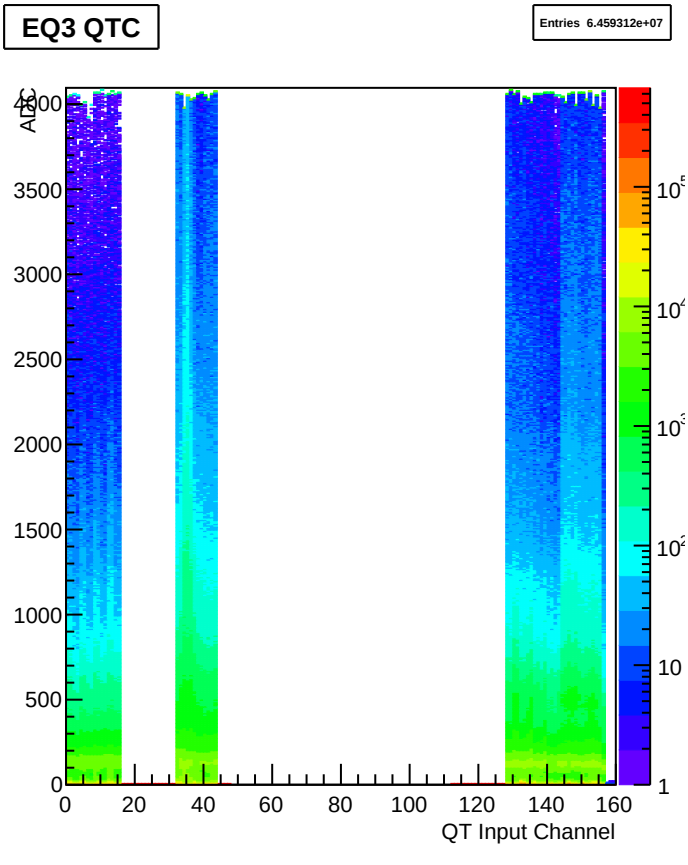

EQ2 QTB
Entries 6.052429e+07
TDC
QT Input Channel

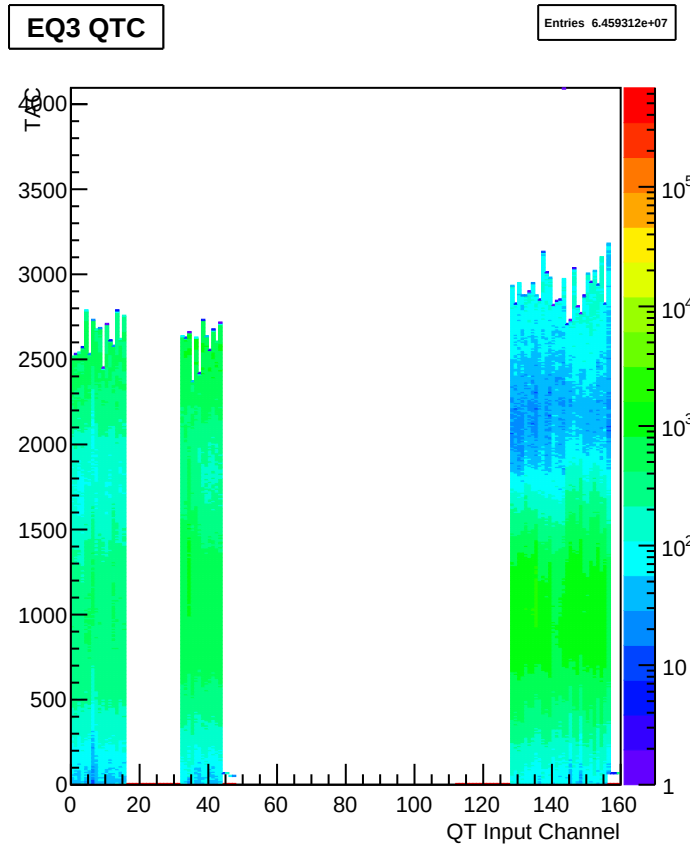

EQ2 QTC
Entries 6.459312e+07
ADC
QT Input Channel

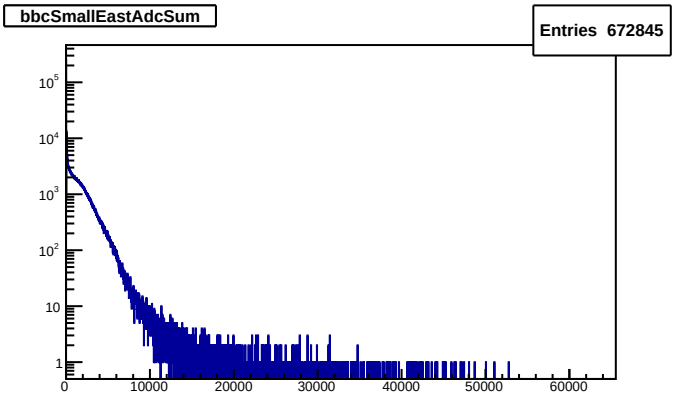

EQ2 QTC
Entries 6.459312e+07
TADC
QT Input Channel

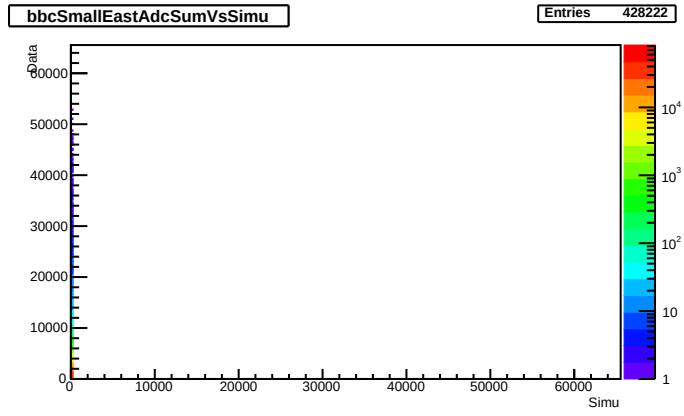

EQ3 QTB
Entries 1.722483e+08
ADC
QT Input Channel

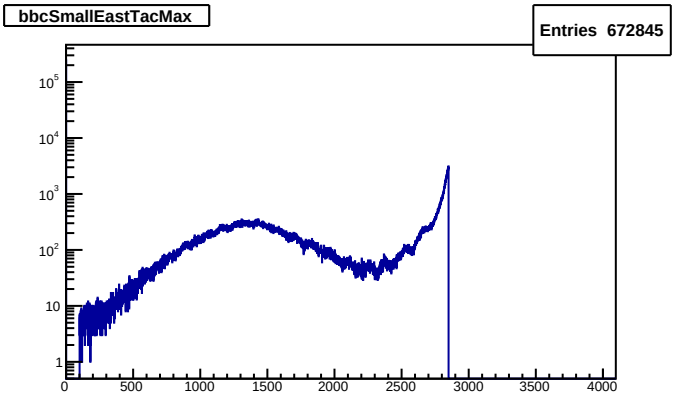

EQ3 QTB
Entries 4.990297e+07
TDC
QT Input Channel

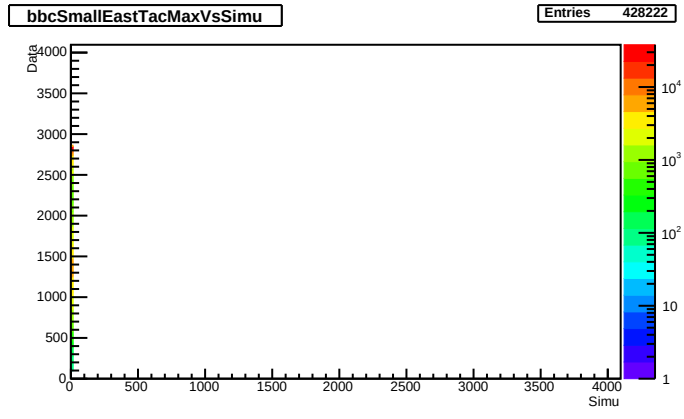

EQ3 QTC
Entries 6.459312e+07
ADC
QT Input Channel

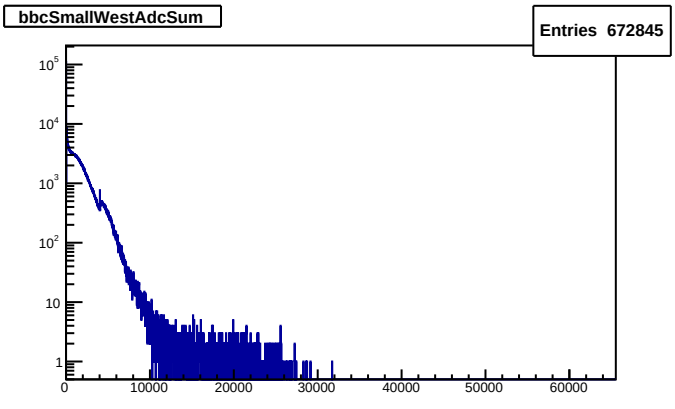

EQ3 QTC
Entries 6.459312e+07
TADC
QT Input Channel

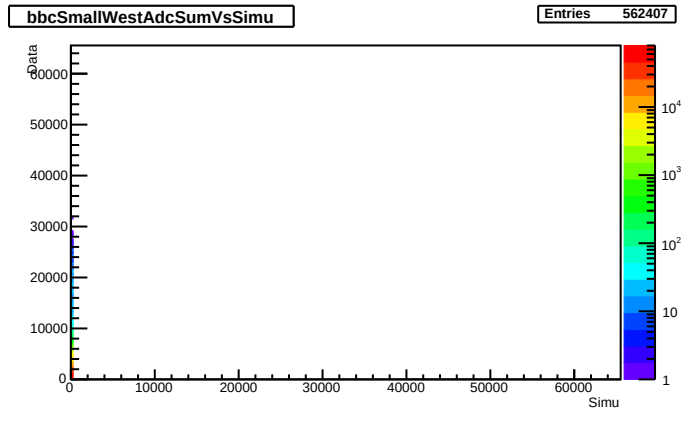

bbcSmallEastAdcSum
Entries 672845

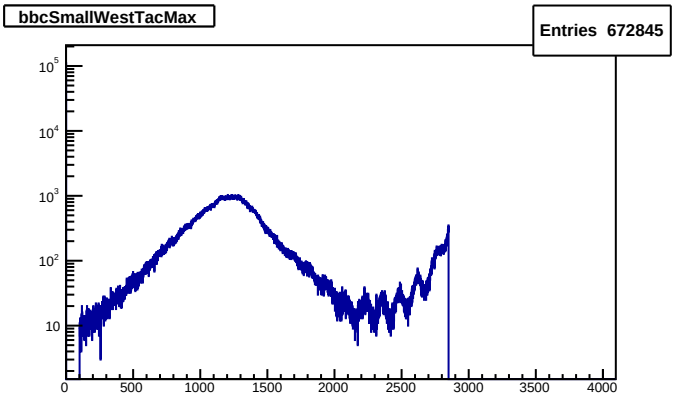

bbcSmallEastAdcSumVsSimu
Entries 428222
Data
Simu

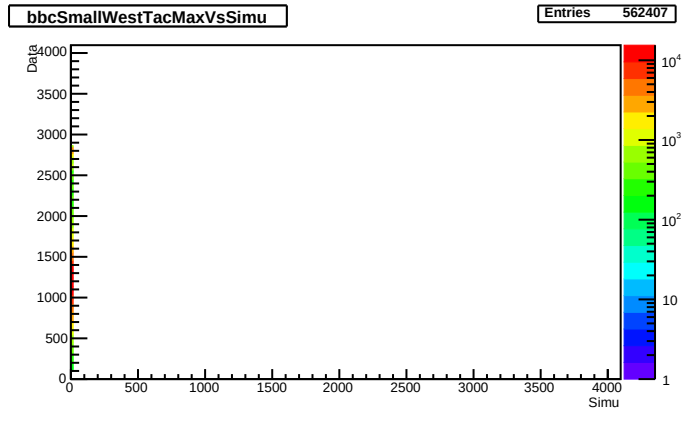

bbcSmallEastTacMax
Entries 672845

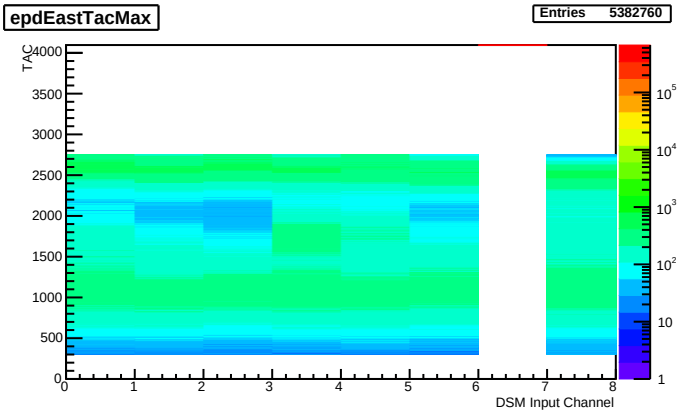

bbcSmallEastTacMaxVsSimu
Entries 428222
Data
Simu

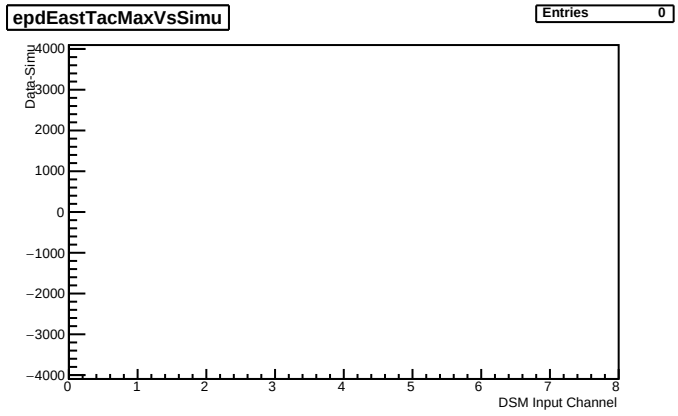

bbcSmallWestAdcSum
Entries 672845

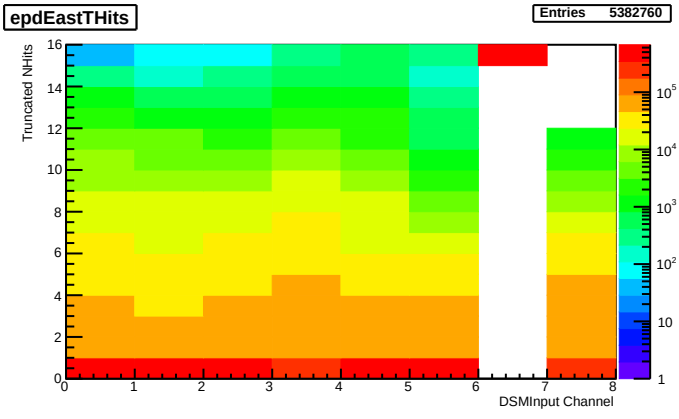

bbcSmallWestAdcSumVsSimu
Entries 562407
Data
Simu

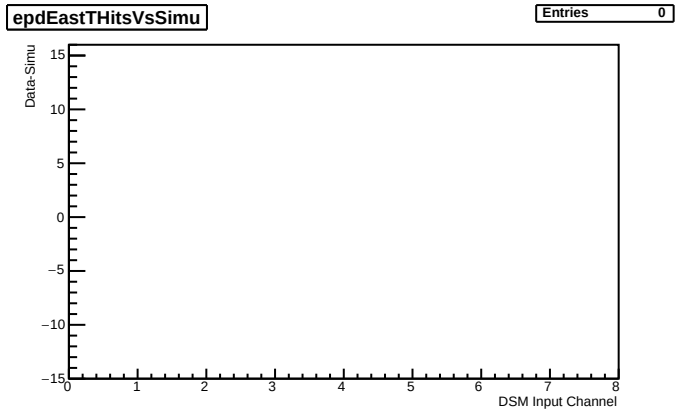

bbcSmallWestTacMax
Entries 672845

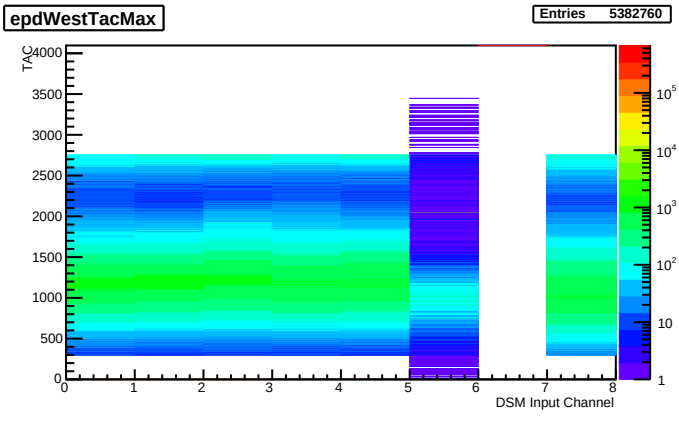

bbcSmallWestTacMaxVsSimu
Entries 562407
Data
Simu

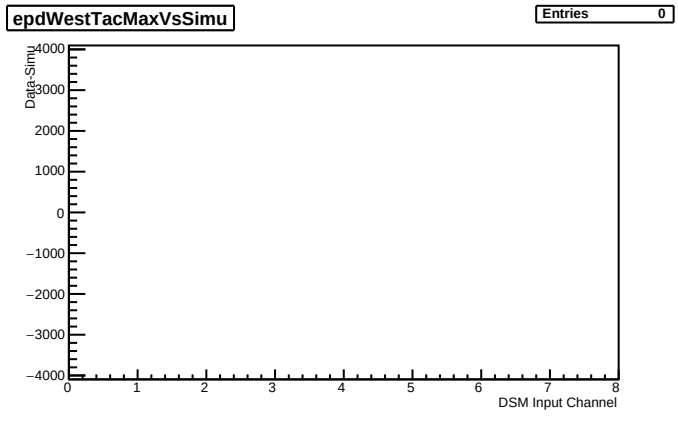

epdEastTacMax
Entries 5382760
TAC
DSM Input Channel

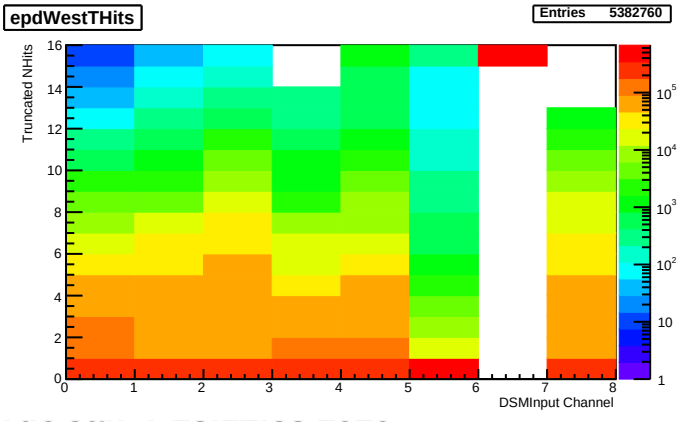

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

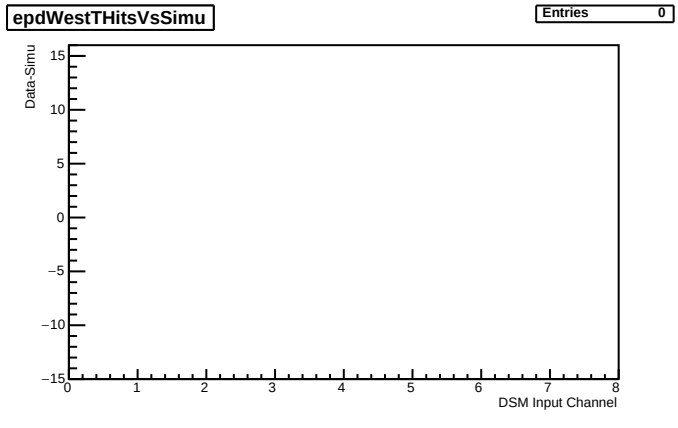

epdEastTHits
Entries 5382760
Truncated NHits
DSMInput Channel

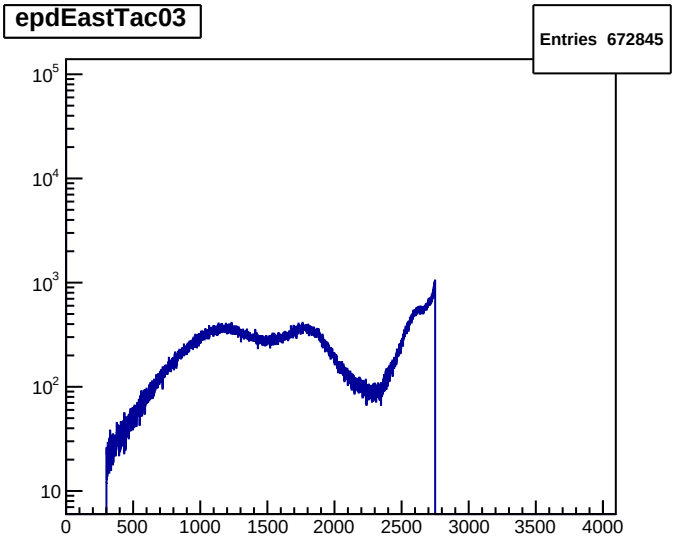

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

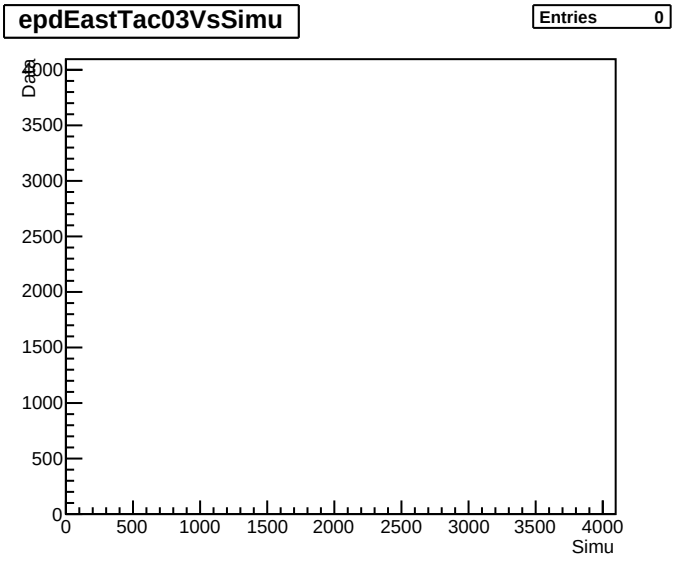

epdWestTacMax
Entries 5382760
TAC
DSM Input Channel

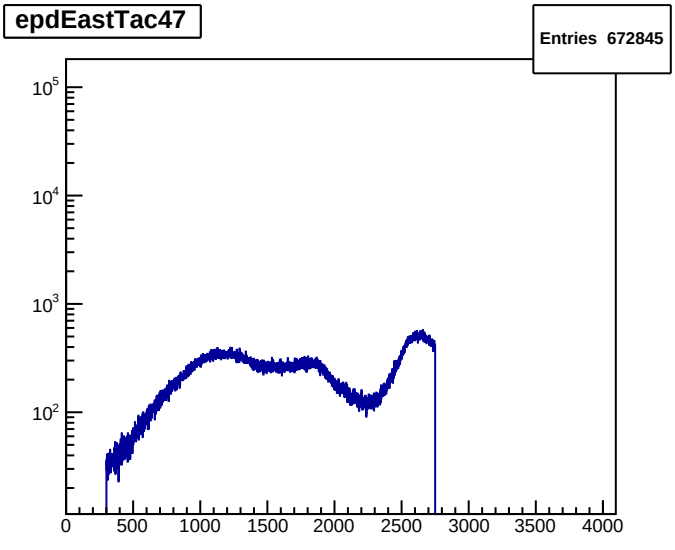

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

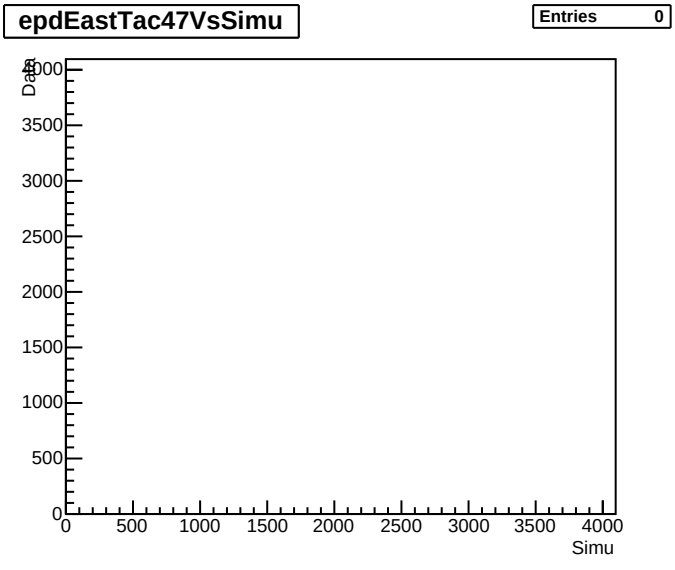

epdWestTHits
Entries 5382760
Truncated NHits
DSMInput Channel

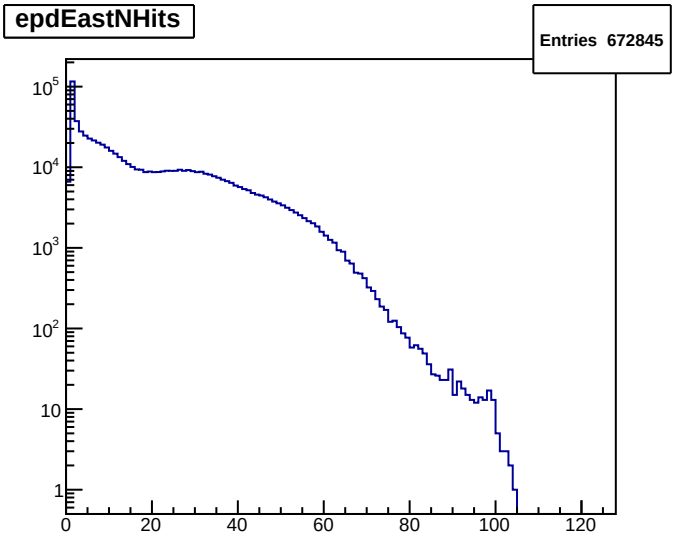

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

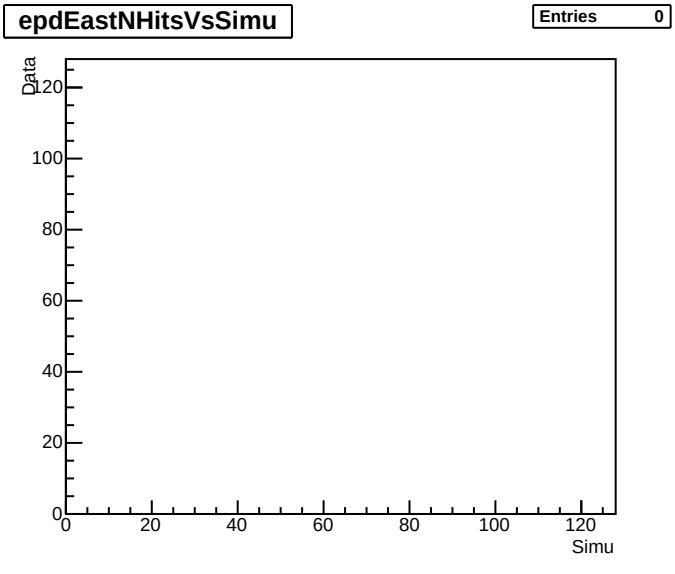

epdEastTac03
Entries 672845

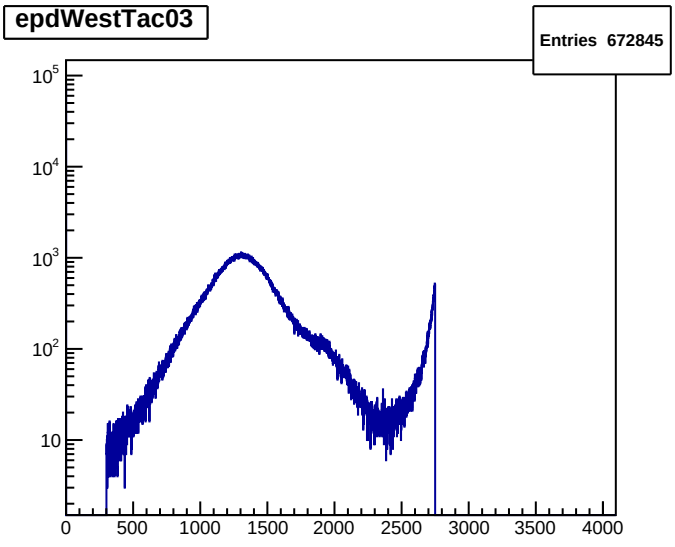

epdEastTac03VsSimu
Entries 0
Data
Simu

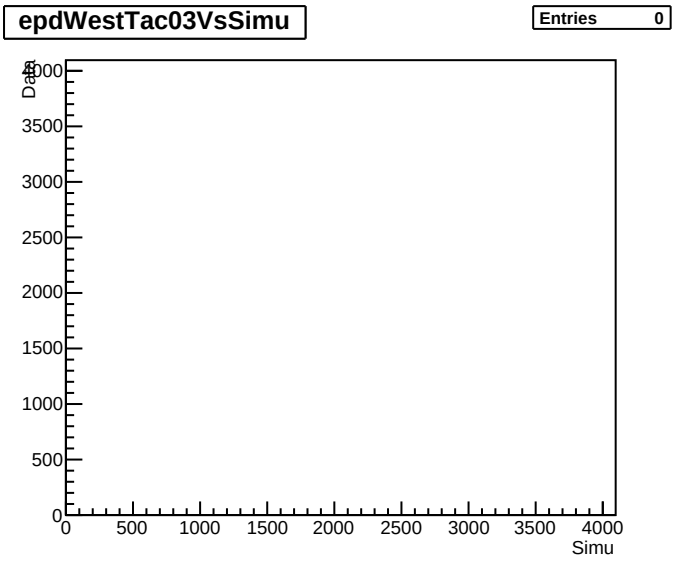

epdEastTac47
Entries 672845

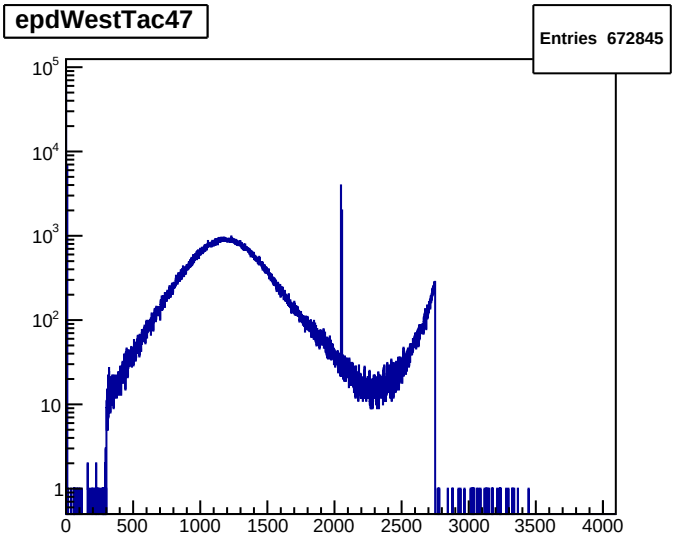

epdEastTac47VsSimu
Entries 0
Data
Simu

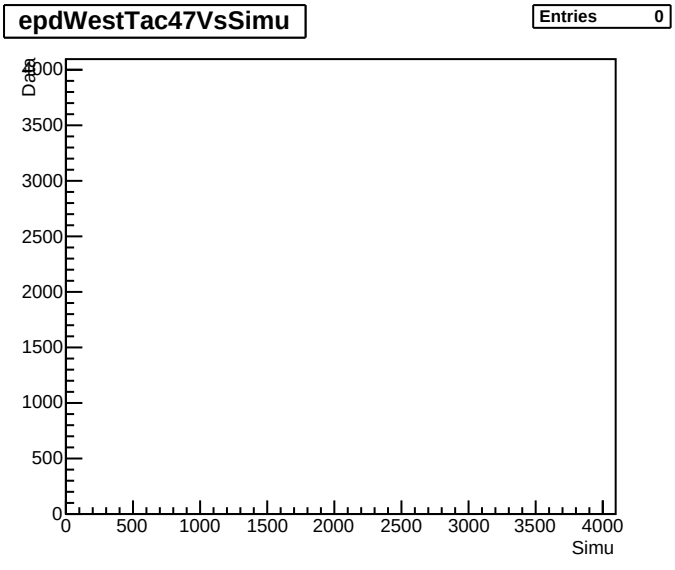

epdEastNHits
Entries 672845

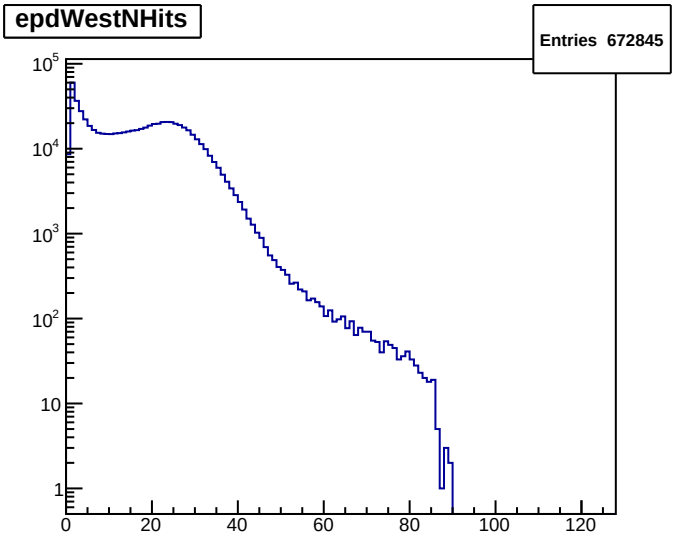

epdEastNHitsVsSimu
Entries 0
Data
Simu

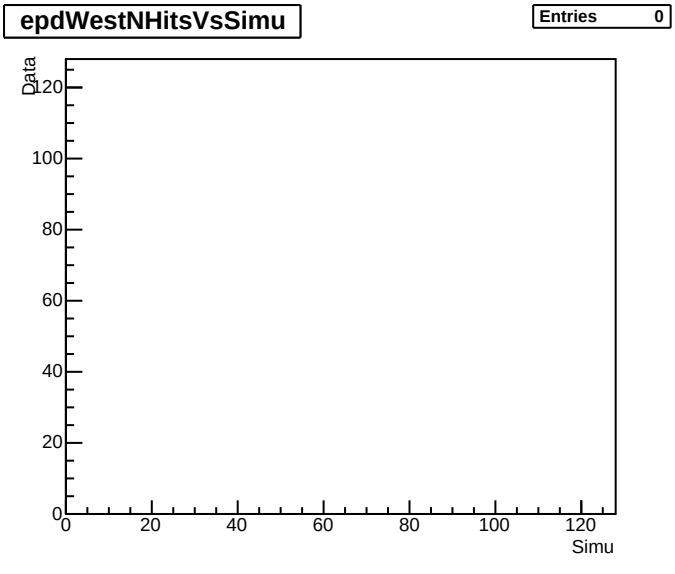

epdWestTac03
Entries 672845

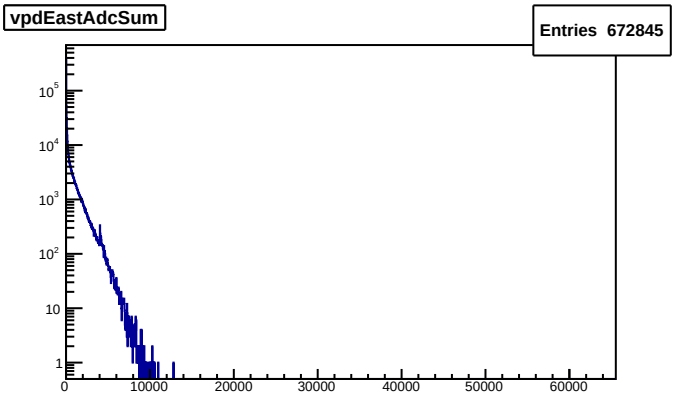

epdWestTac03VsSimu
Entries 0
Data
Simu

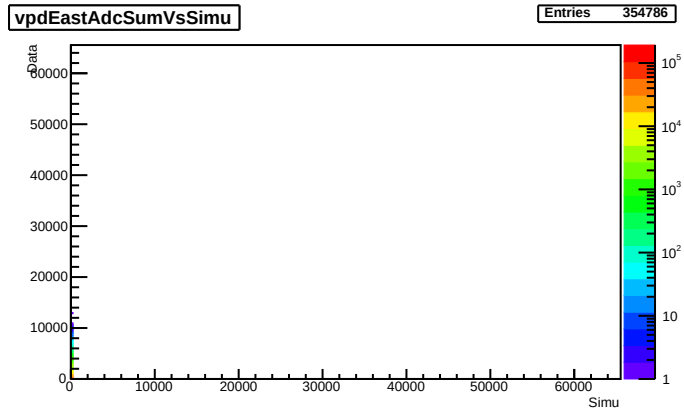

epdWestTac47
Entries 672845

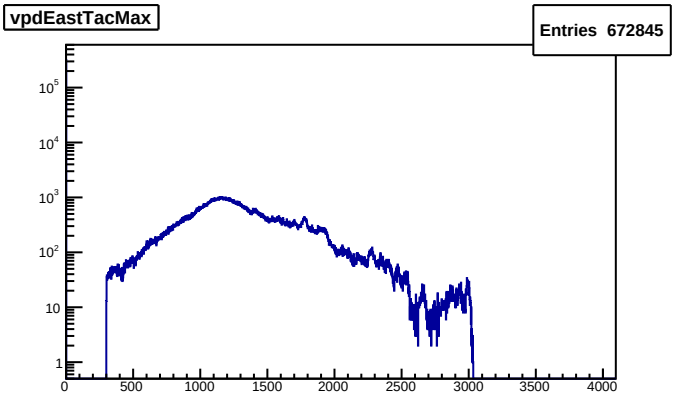

epdWestTac47VsSimu
Entries 0
Data
Simu

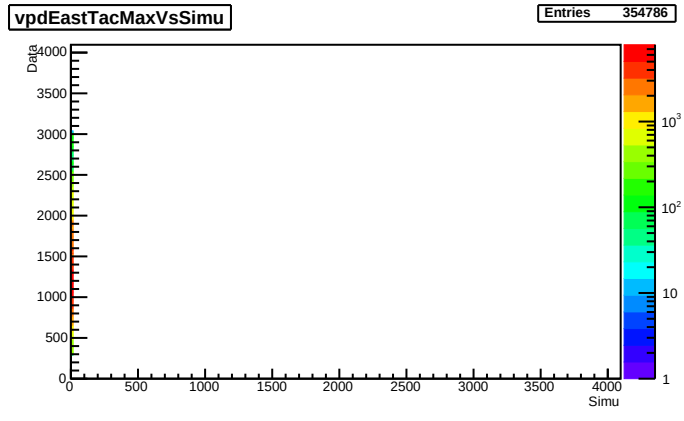

epdWestNHits
Entries 672845

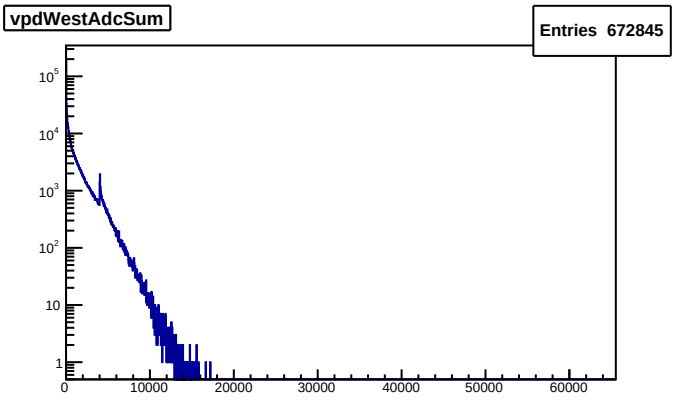

epdWestNHitsVsSimu
Entries 0
Data
Simu

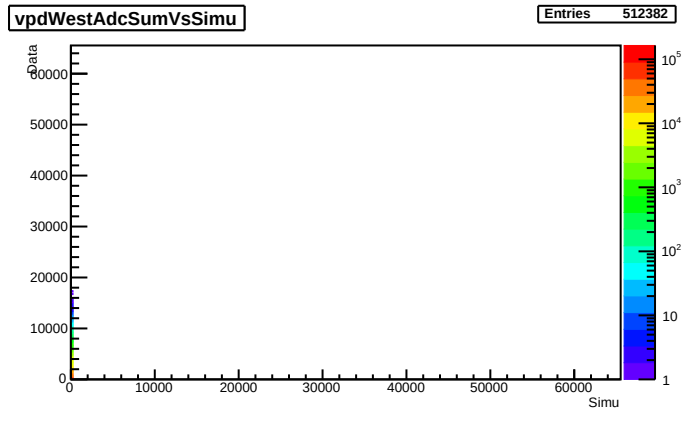

vpdEastAdcSum
Entries 672845

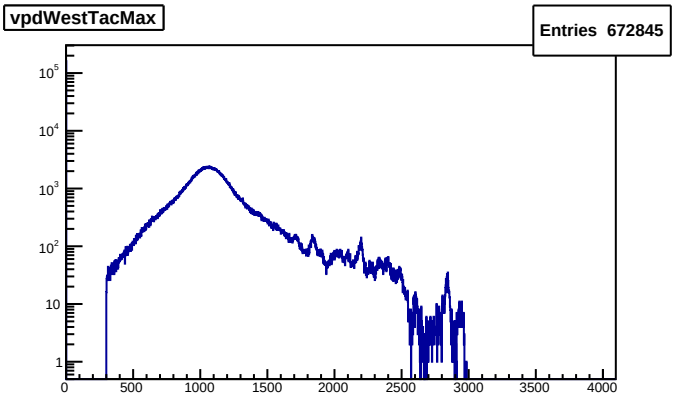

vpdEastAdcSumVsSimu
Entries 354786
Data
Simu

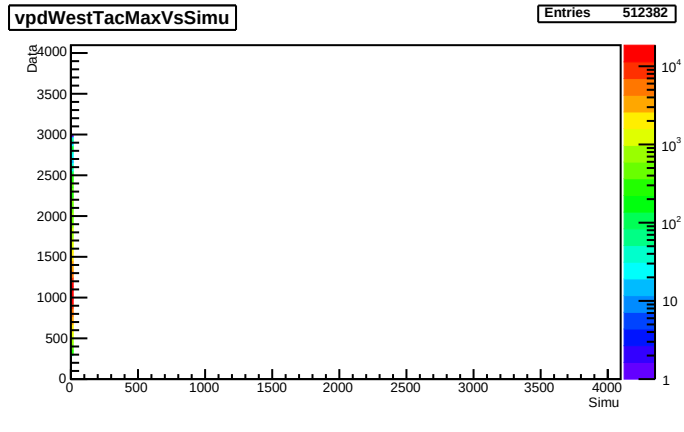

vpdEastTacMax
Entries 672845

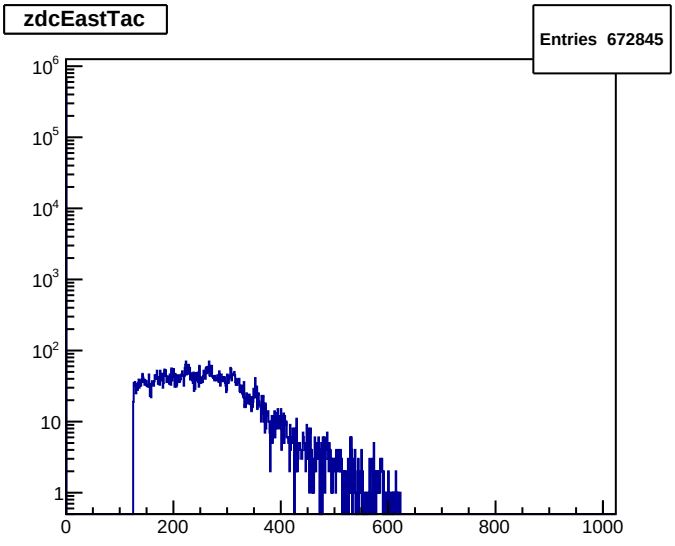

vpdEastTacMaxVsSimu
Entries 354786
Data
Simu

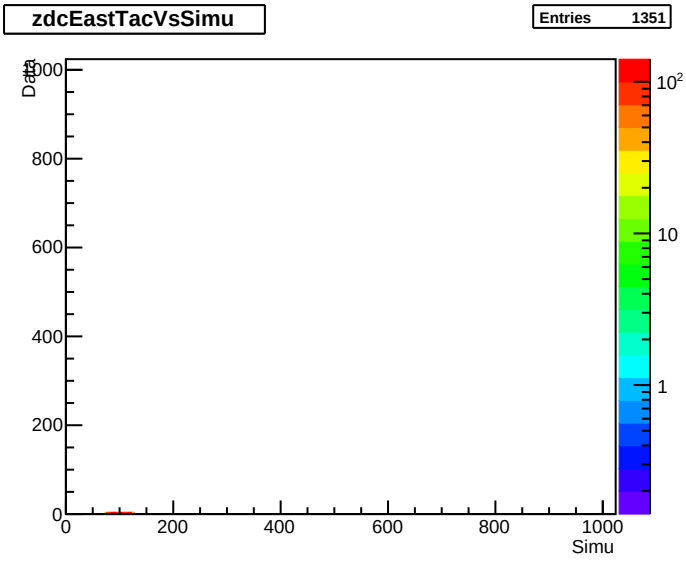

vpdWestAdcSum
Entries 672845

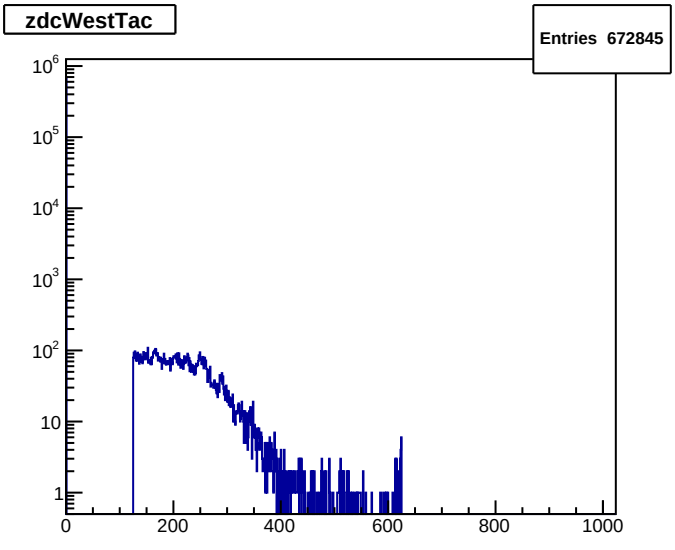

vpdWestAdcSumVsSimu
Entries 512382
Data
Simu

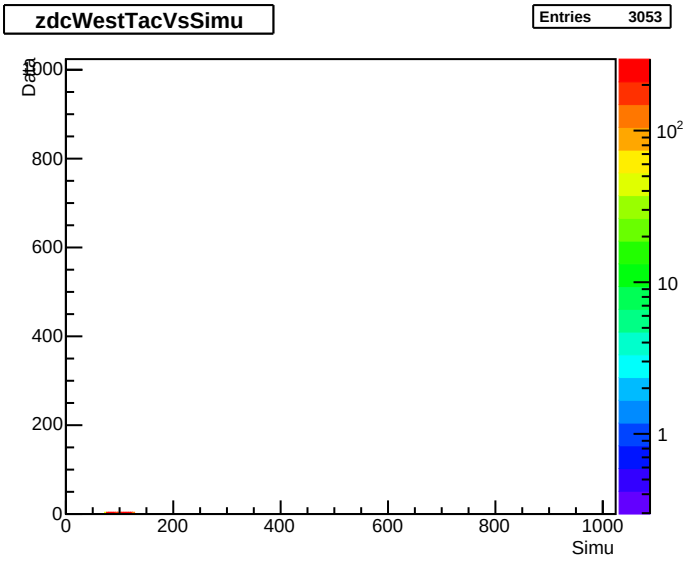

vpdWestTacMax
Entries 672845

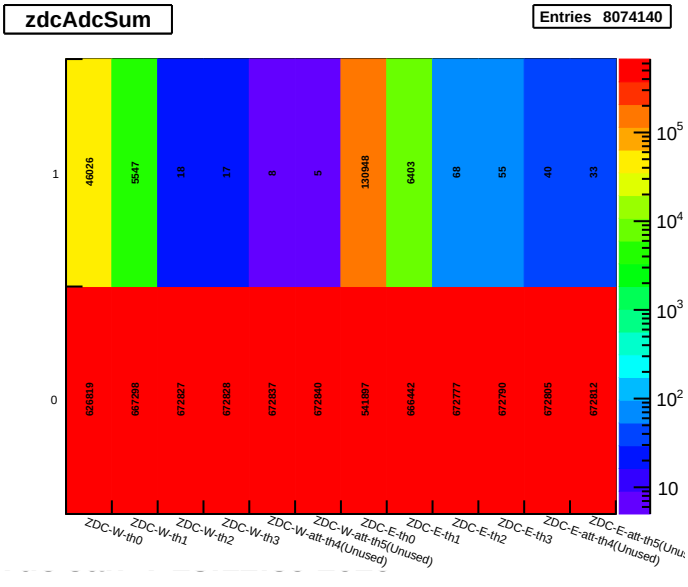

vpdWestTacMaxVsSimu
Entries 512382
Data
Simu

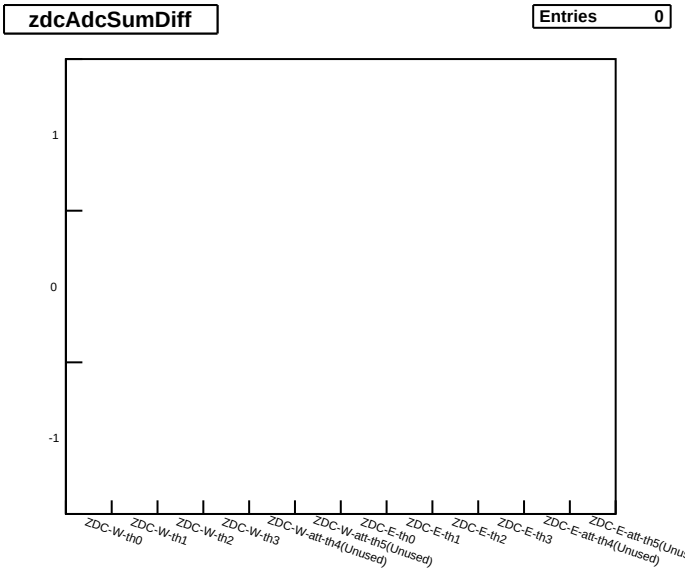

zdcEastTac
Entries 672845

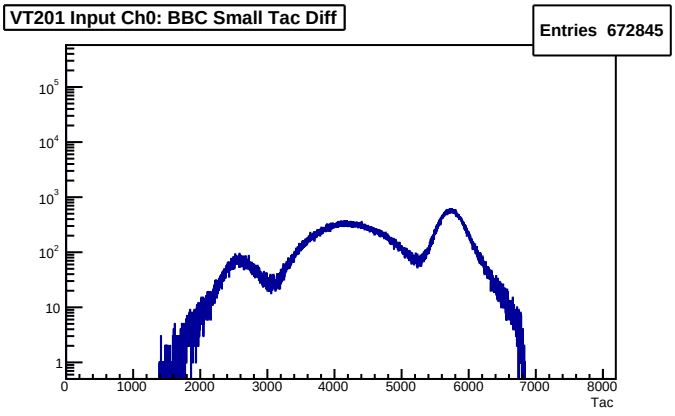

zdcEastTacVsSimu
Entries 1351
Data
Simu

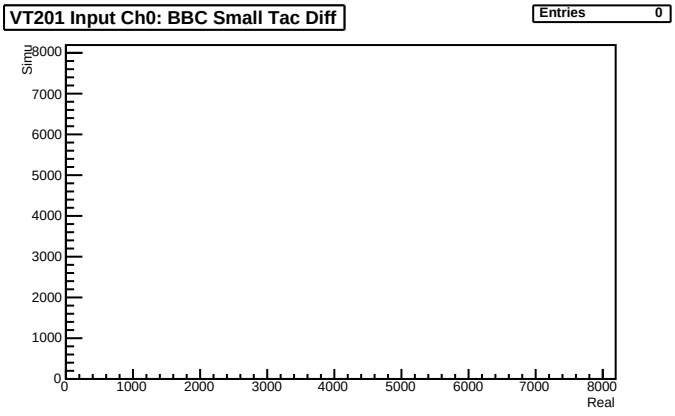

zdcWestTac
Entries 672845

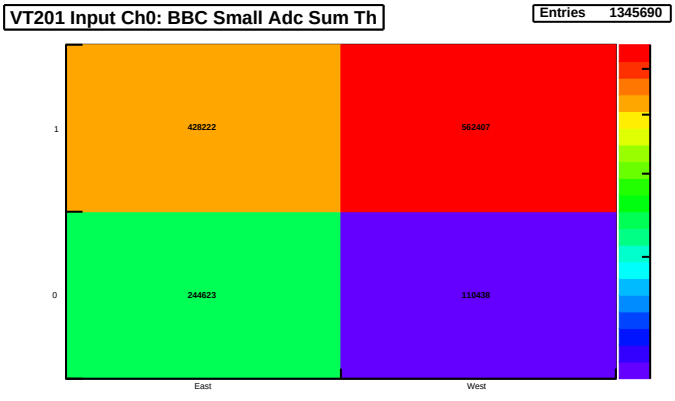

zdcWestTacVsSimu
Entries 3053
Data
Simu

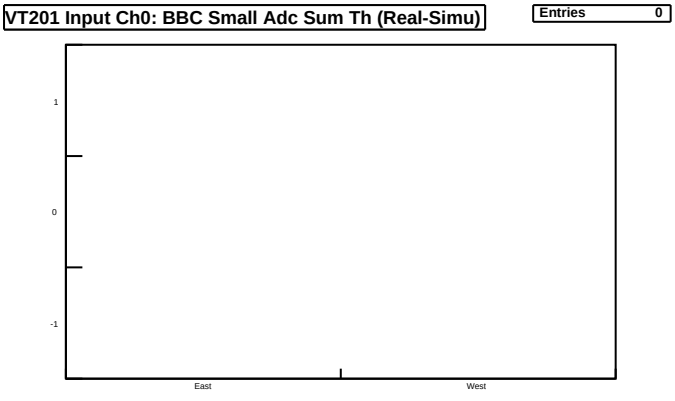

zdcAdcSum
Entries 8074140
46026
5547
18
17
8
5
130948
6403
68
55
40
33
626819
667298
672827
672828
672837
672840
541897
666442
672777
672790
672805
672812
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

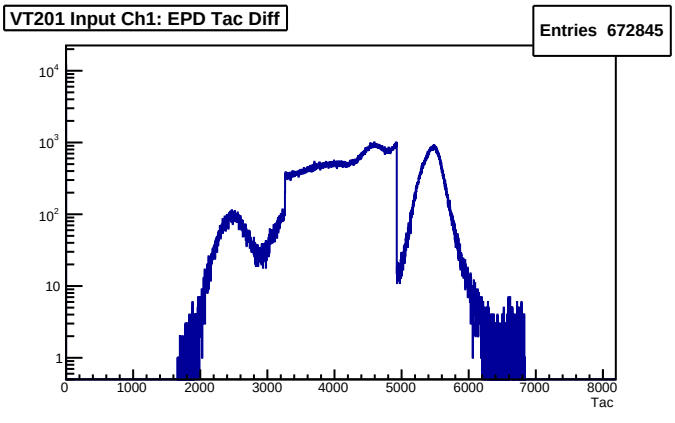

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

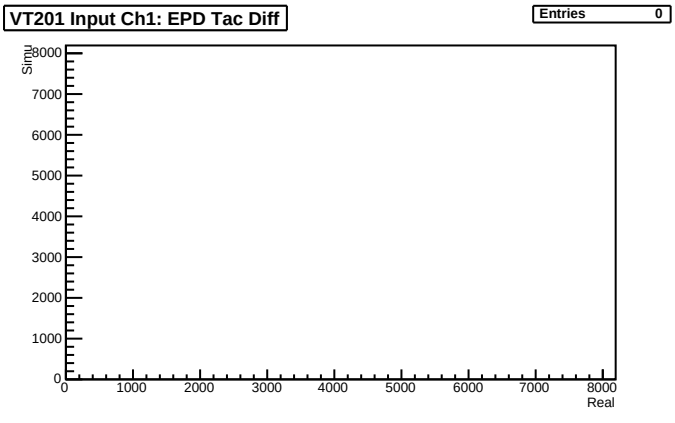

VT201 Input Ch0: BBC Small Tac Diff
Entries 672845
Tac

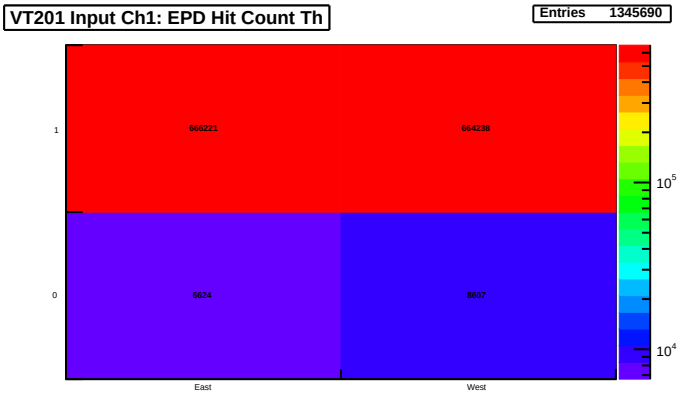

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

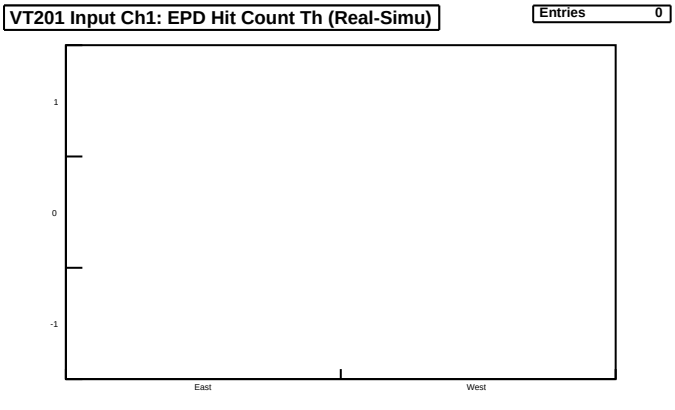

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1345690
428222
562407
244623
110438
East
West

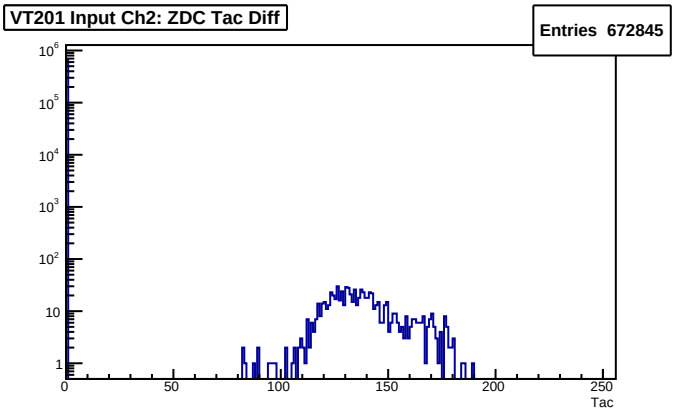

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

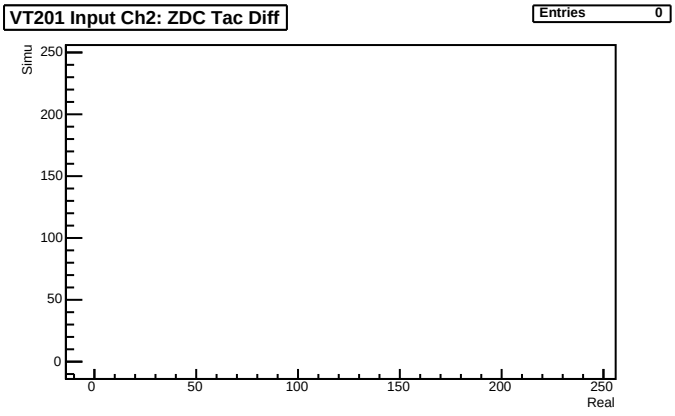

VT201 Input Ch1: EPD Tac Diff
Entries 672845
Tac

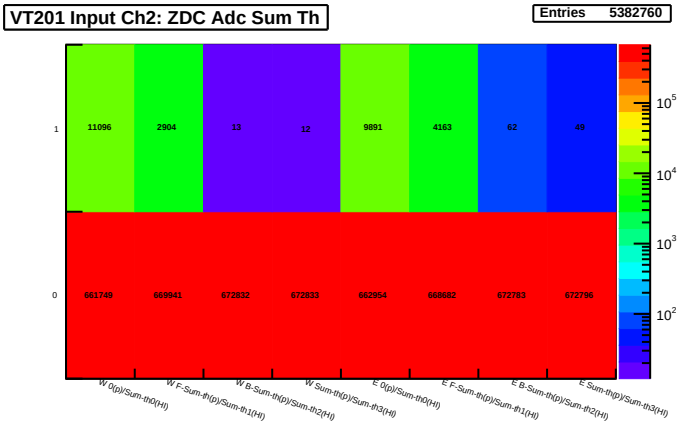

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

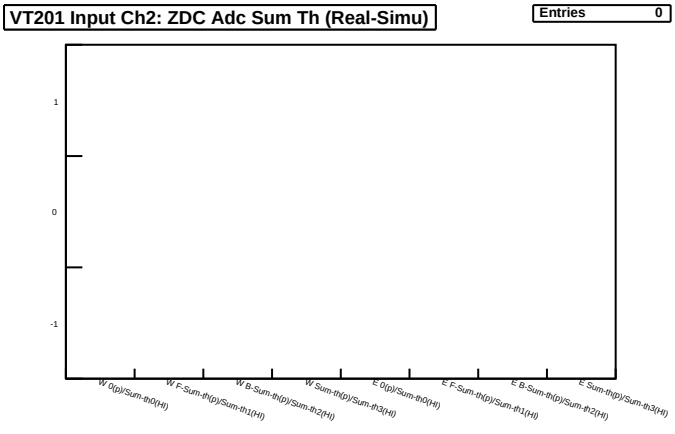

VT201 Input Ch1: EPD Hit Count Th
Entries 1345690
666221
664238
6624
8507
East
West

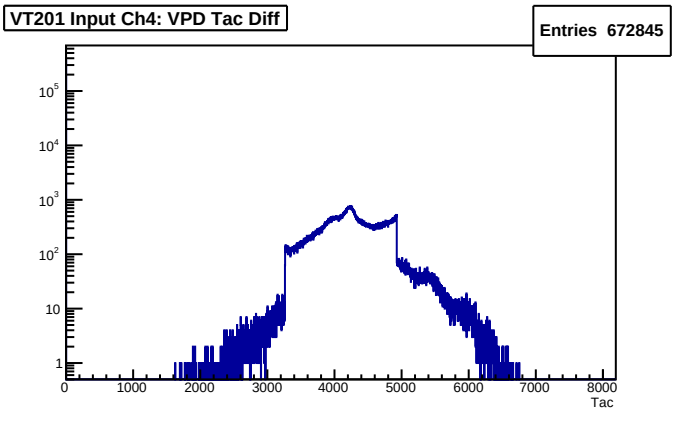

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

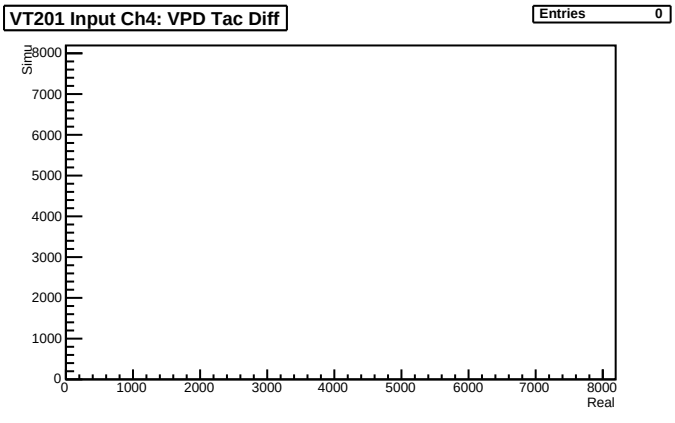

VT201 Input Ch2: ZDC Tac Diff
Entries 672845
Tac

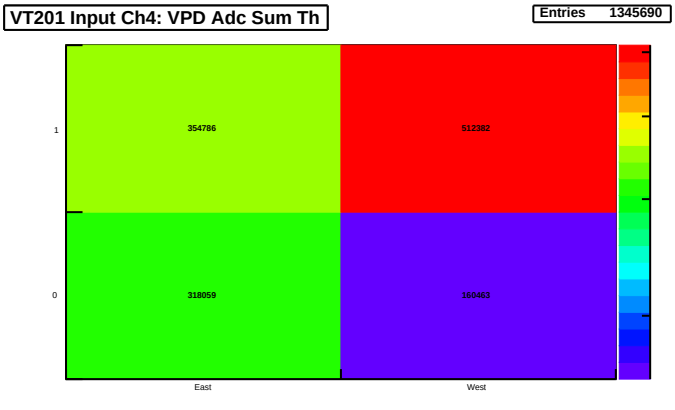

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

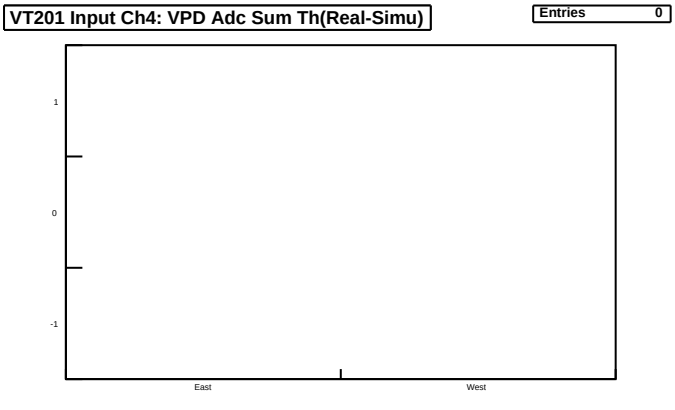

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5382760
11096
2904
13
12
9891
4163
62
49
661749
669941
672832
672833
662954
668682
672783
672796
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

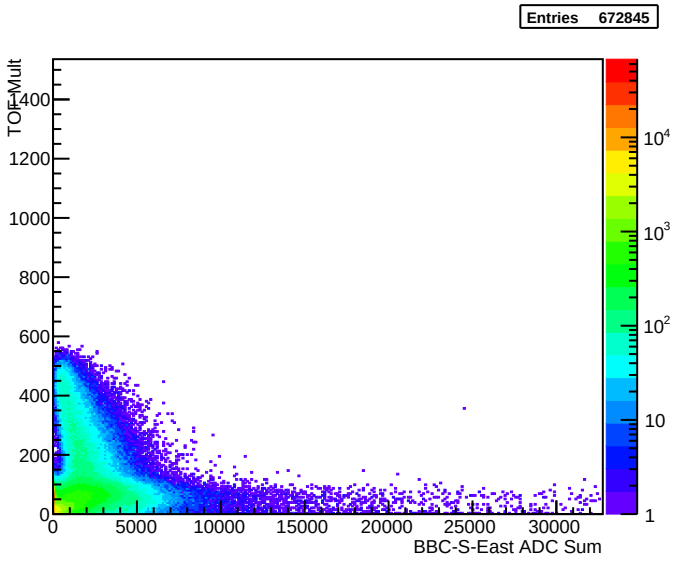

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

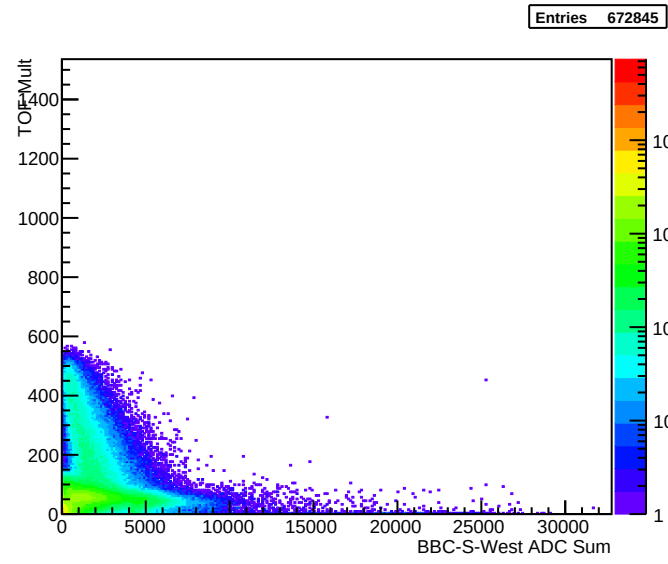

VT201 Input Ch4: VPD Tac Diff
Entries 672845
Tac

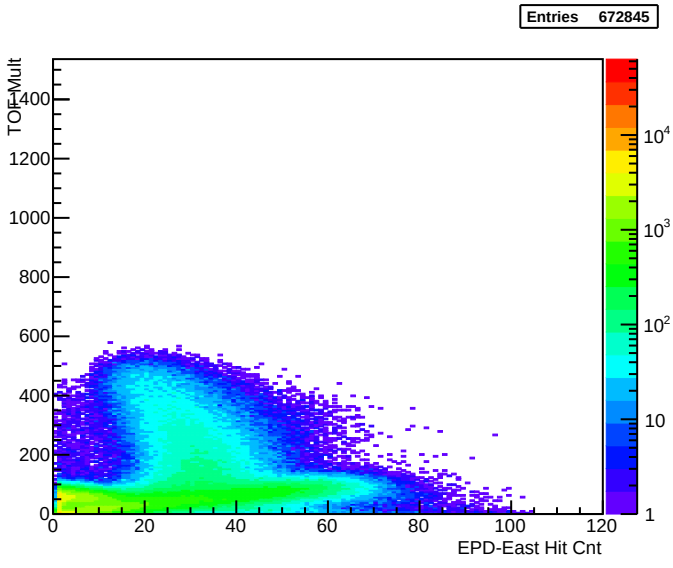

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

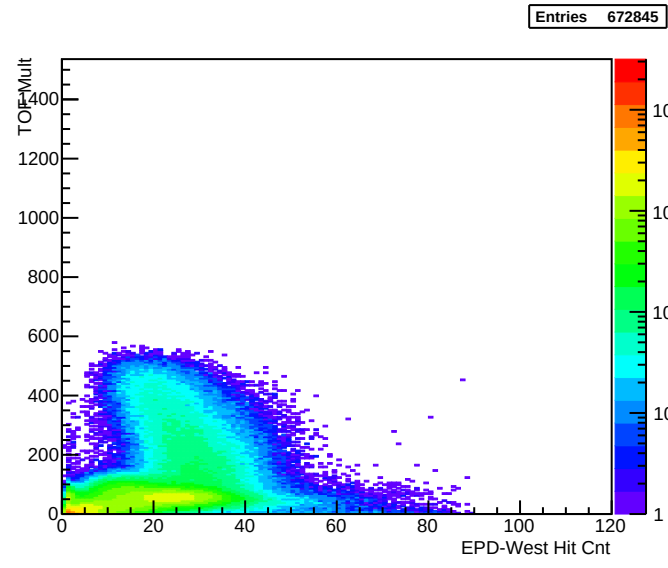

VT201 Input Ch4: VPD Adc Sum Th
Entries 1345690
354786
512382
318059
160463
East
West

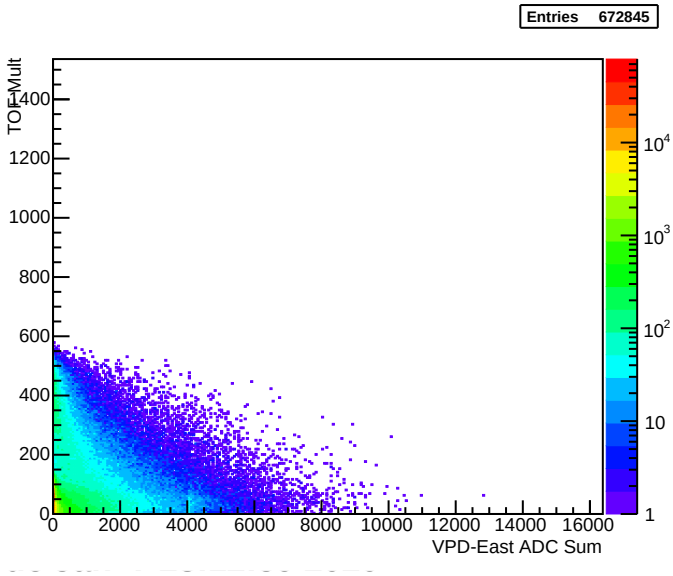

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

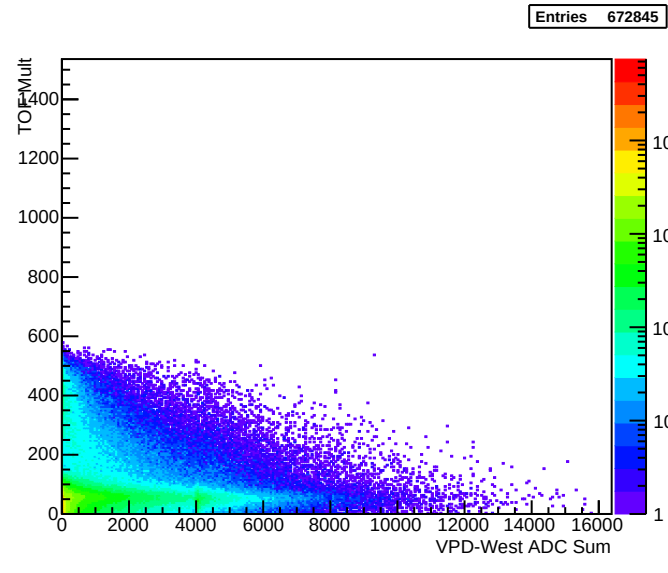

Entries 672845
TOF-Mult
BBC-S-East ADC Sum

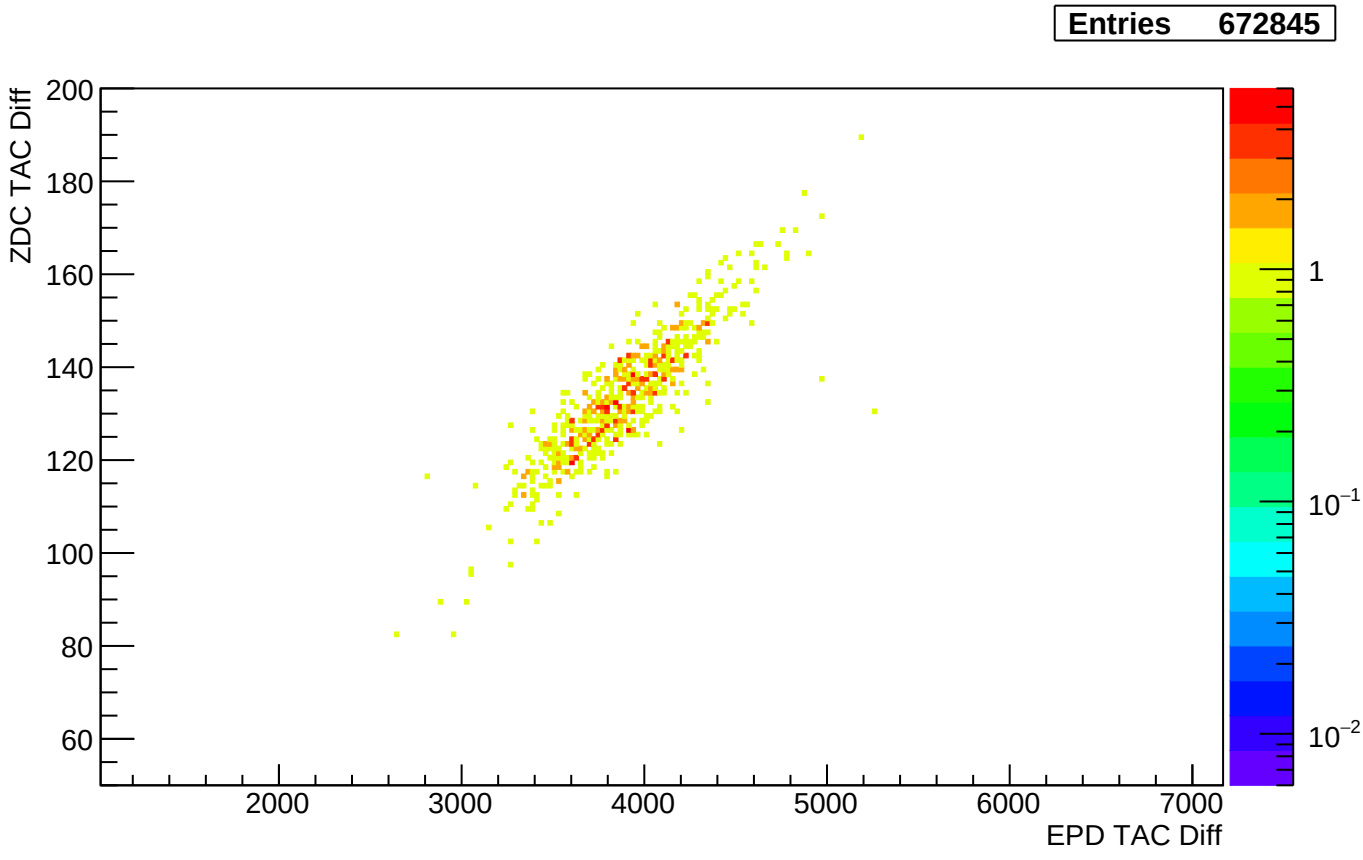

Entries 672845
TOF-Mult
BBC-S-West ADC Sum

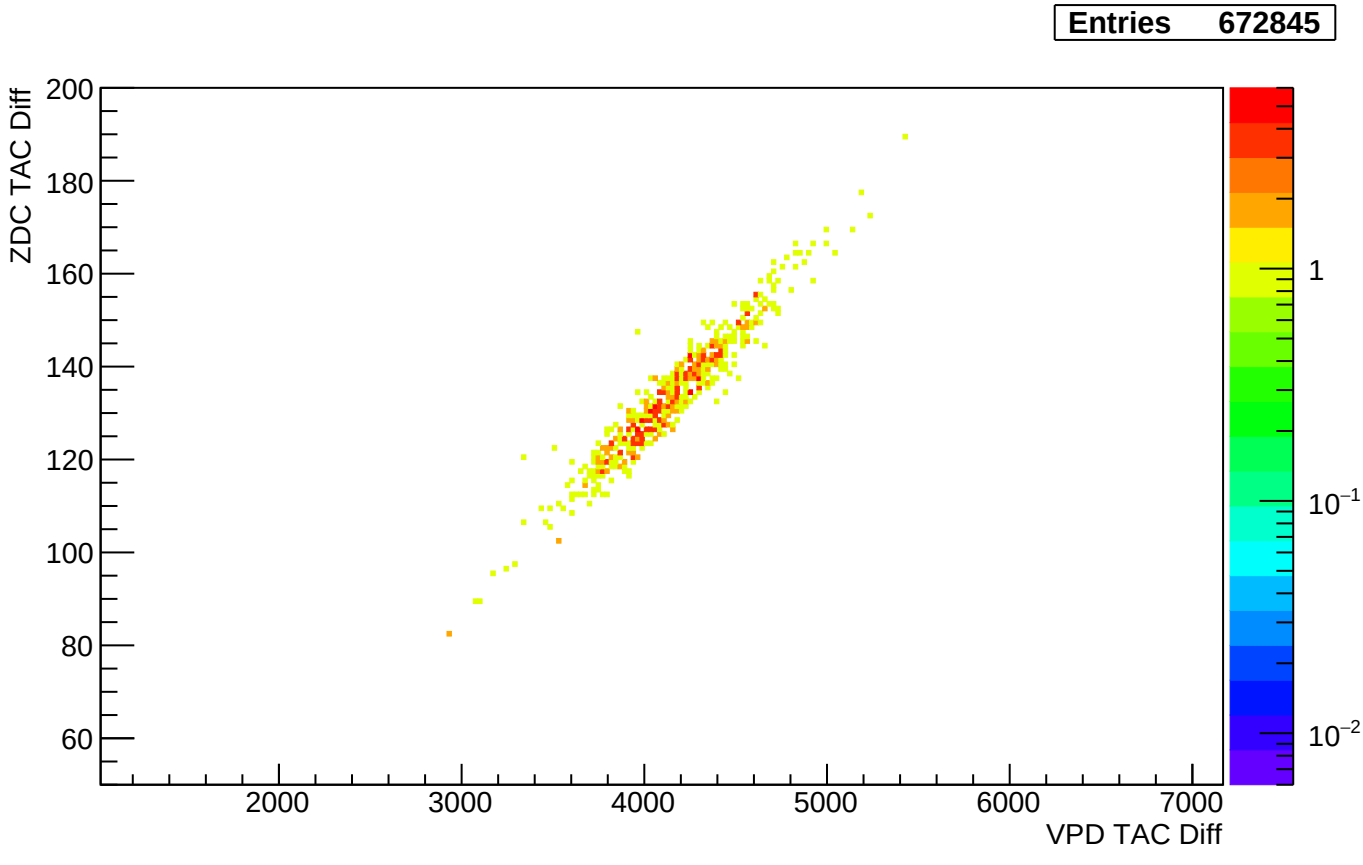

Entries 672845
TOF-Mult
EPD-East Hit Cnt

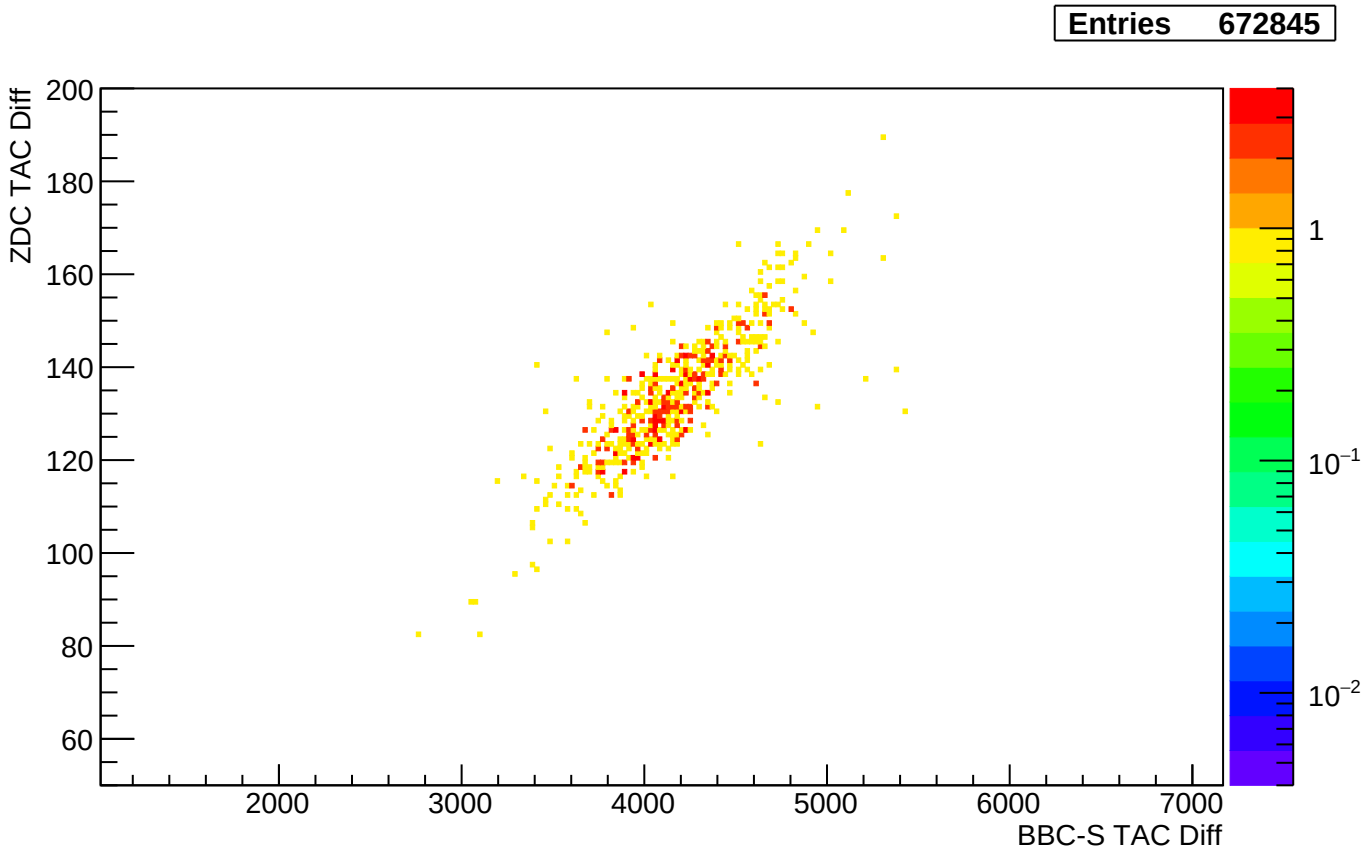

Entries 672845
TOF-Mult
EPD-West Hit Cnt

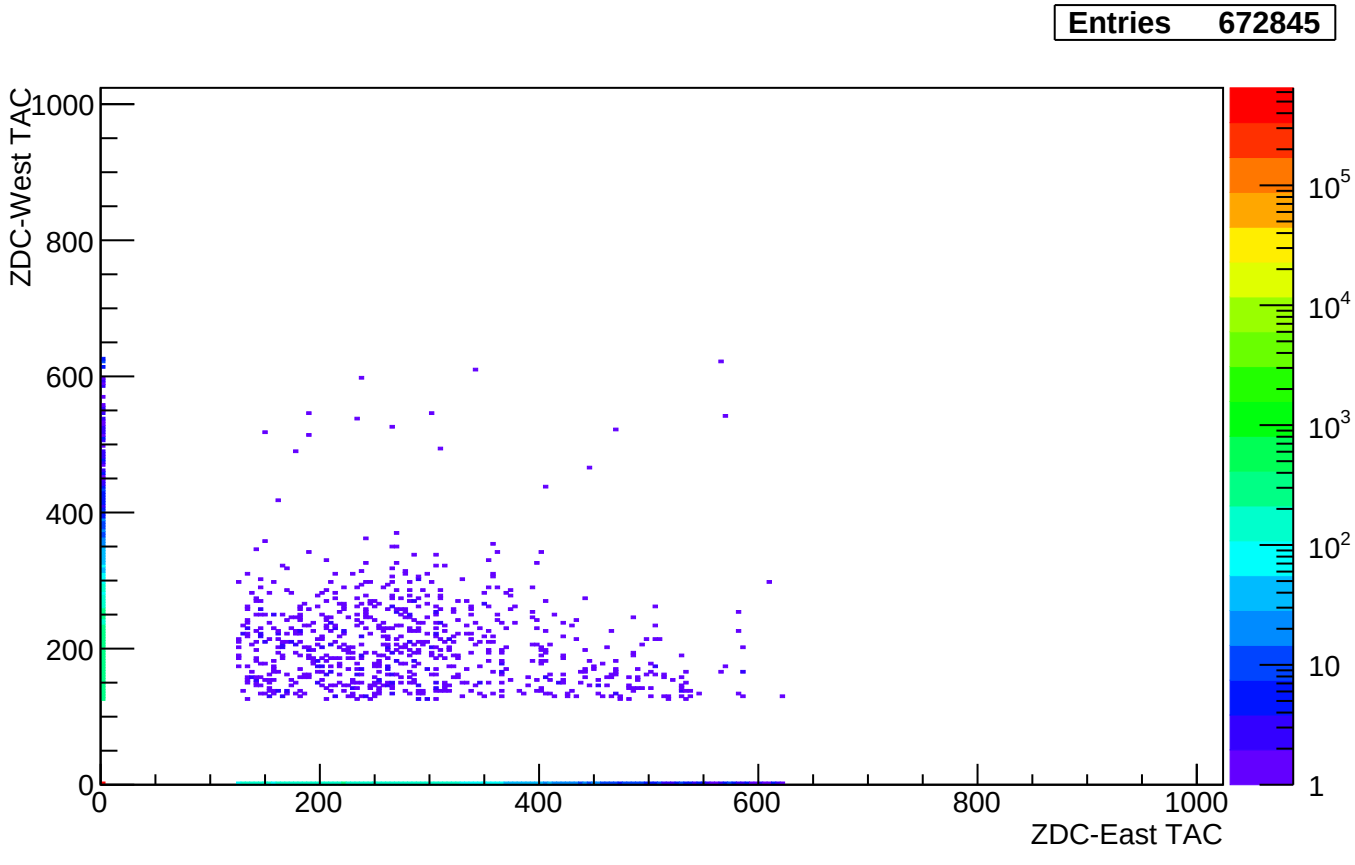

Entries 672845
TOF-Mult
VPD-East ADC Sum

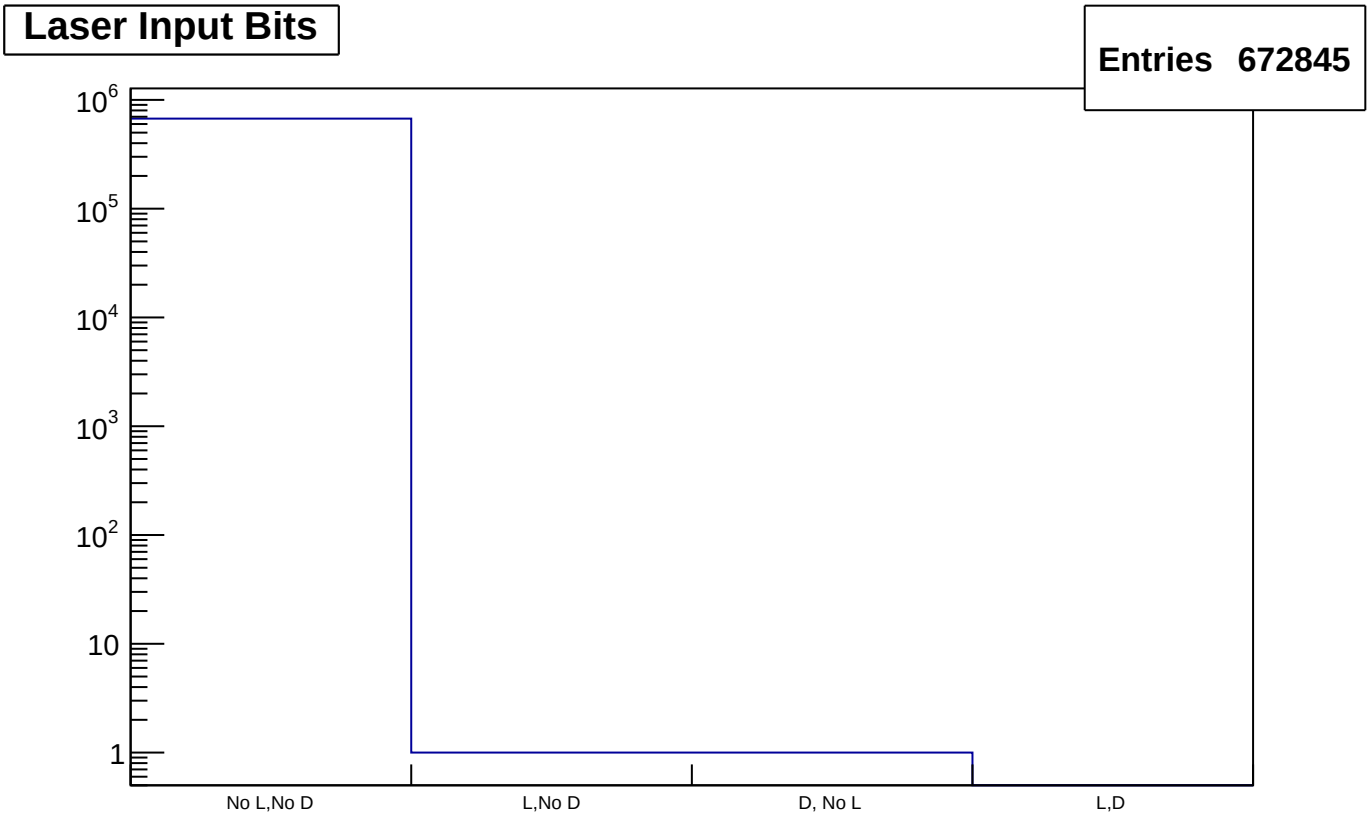

Entries 672845
TOF-Mult
VPD-West ADC Sum

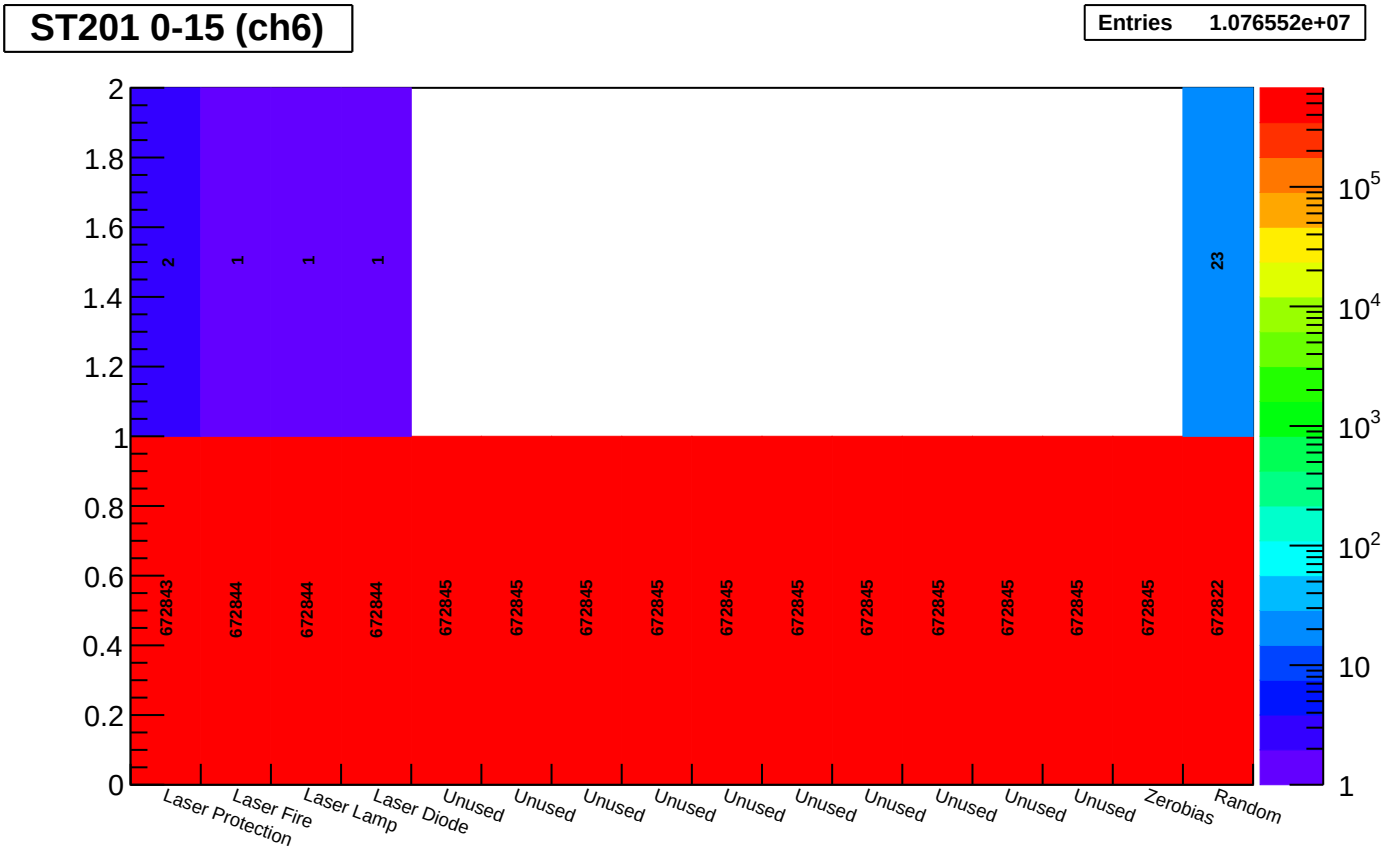

Entries 672845
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

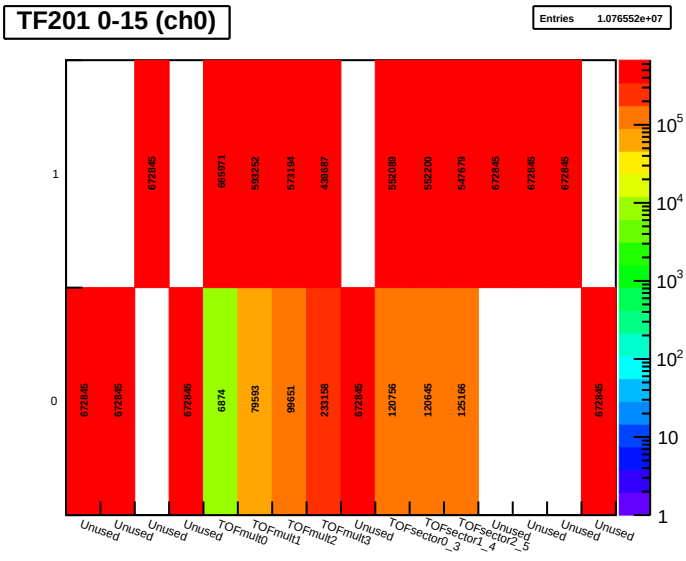

Entries 672845
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

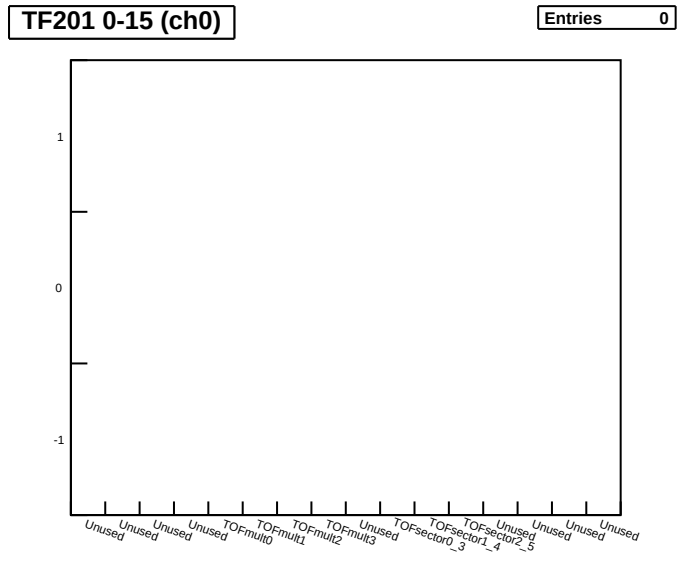

Entries 672845
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

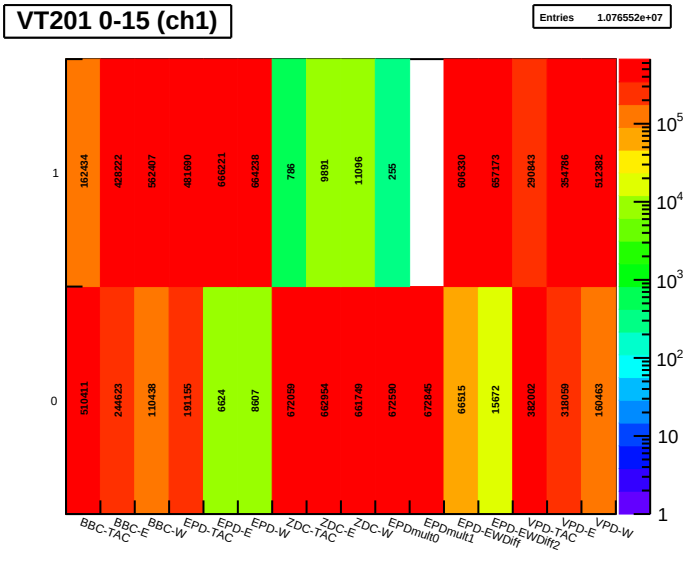

Entries 672845
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

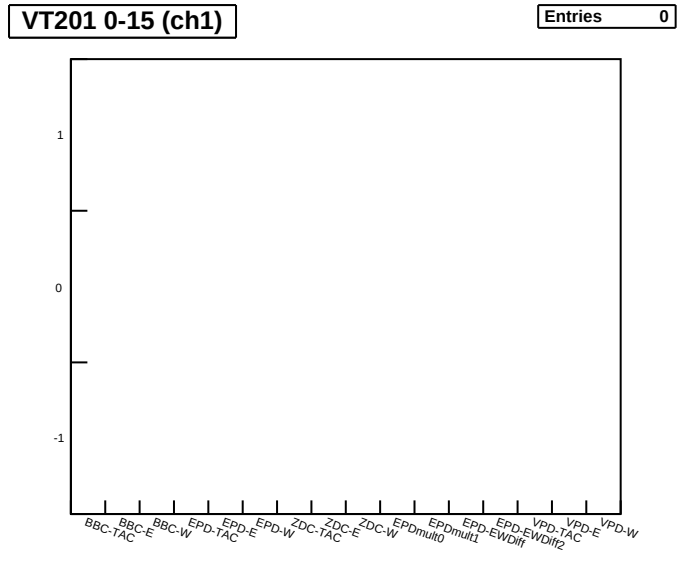

Laser Input Bits
Entries 672845
10^6
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

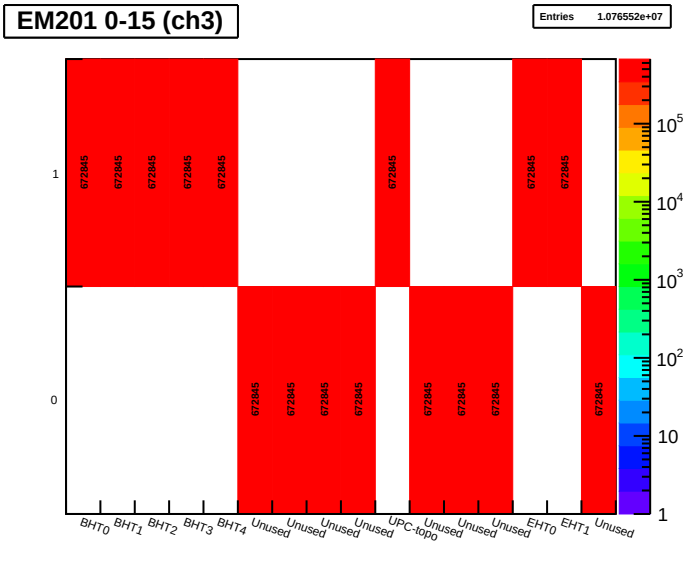

ST201 0-15 (ch6)
Entries 1.076552e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
2
1
1
1
23
672843
672844
672844
672844
672845
672845
672845
672845
672845
672845
672845
672845
672845
672845
672845
672822
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

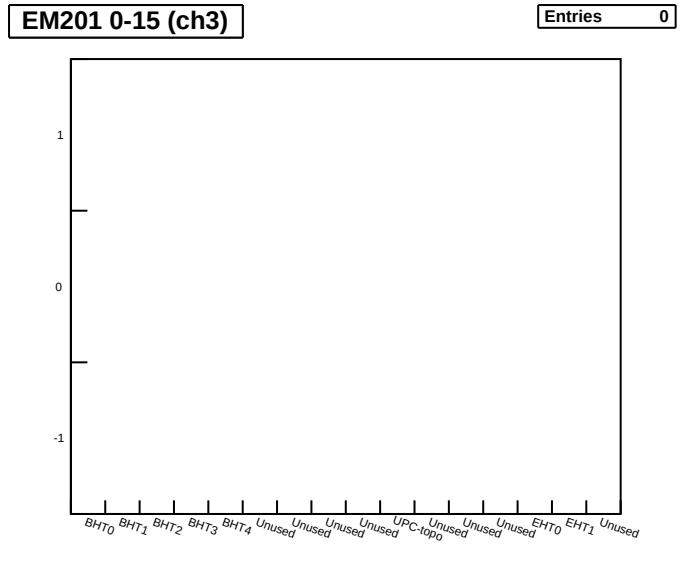

TF201 0-15 (ch0)
Entries 1.076552e+07
1
0
672845
665971
583252
573194
439687
552089
552200
547679
672845
672845
672845
672845
672845
6874
79593
99651
233158
672845
120756
120645
125166
672845
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 1.076552e+07
1
0
162434
428222
562407
481690
666221
664238
786
9891
11096
255
606330
657173
290843
354786
512382
510411
244623
110438
191155
6624
8607
672059
662954
661740
672590
672845
66515
15672
382002
318059
160463
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 1.076552e+07
1
0
672845
672845
672845
672845
672845
672845
672845
672845
672845
672845
672845
672845
672845
672845
672845
672845
672845
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