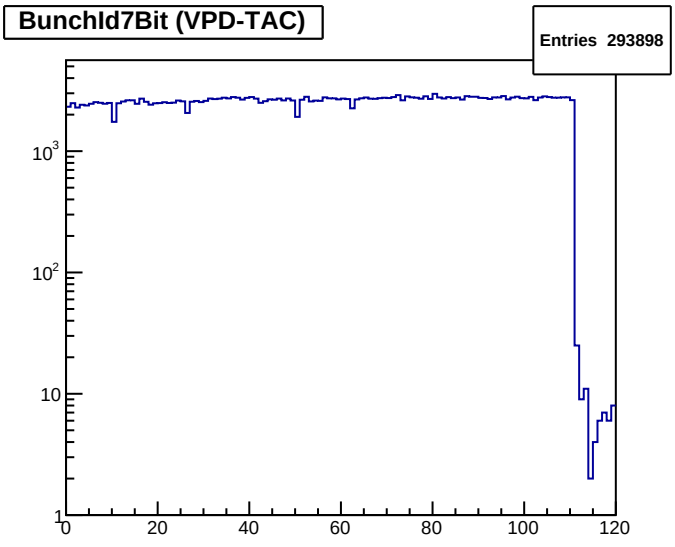
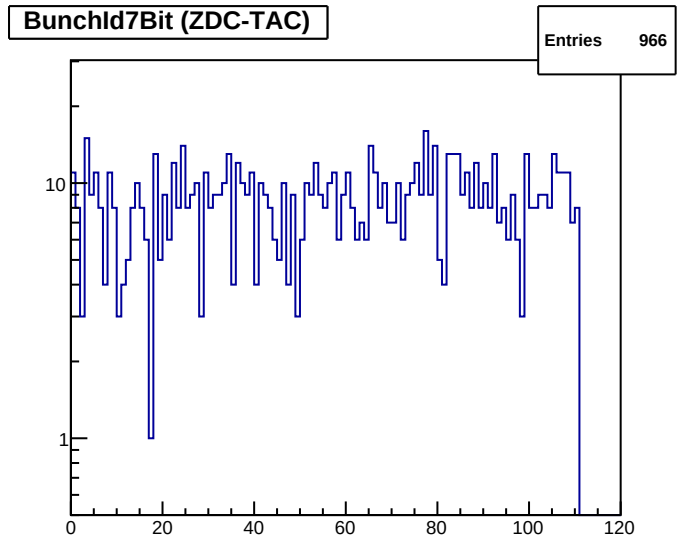
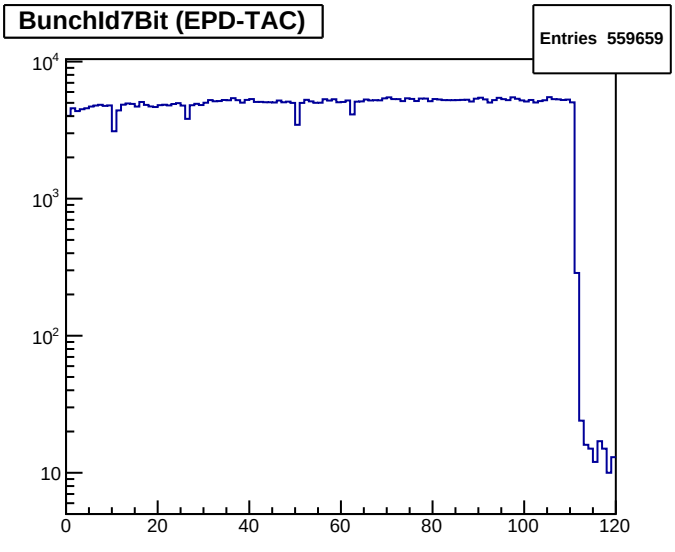
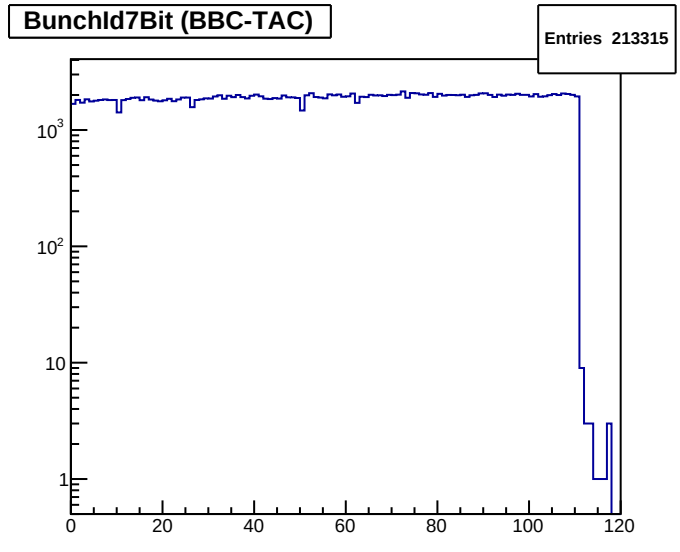
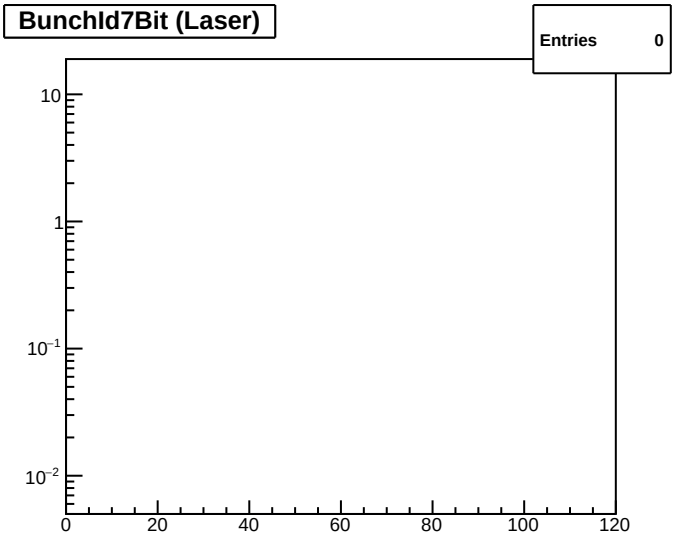
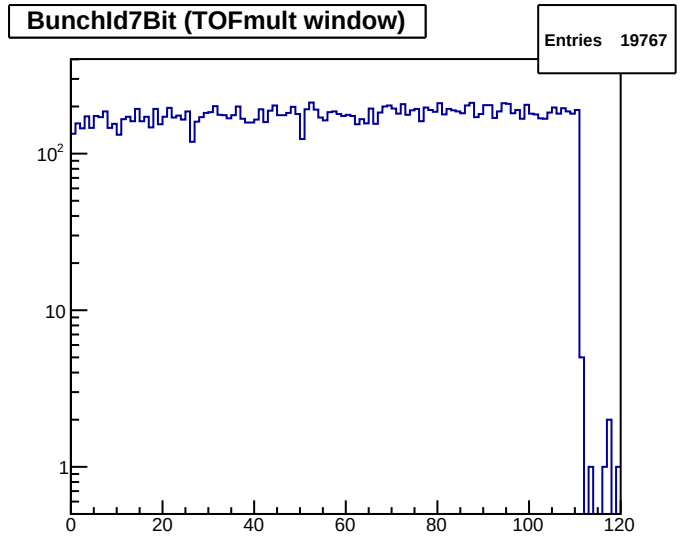

BunchId7Bit (VPD-TAC)
Entries 293898

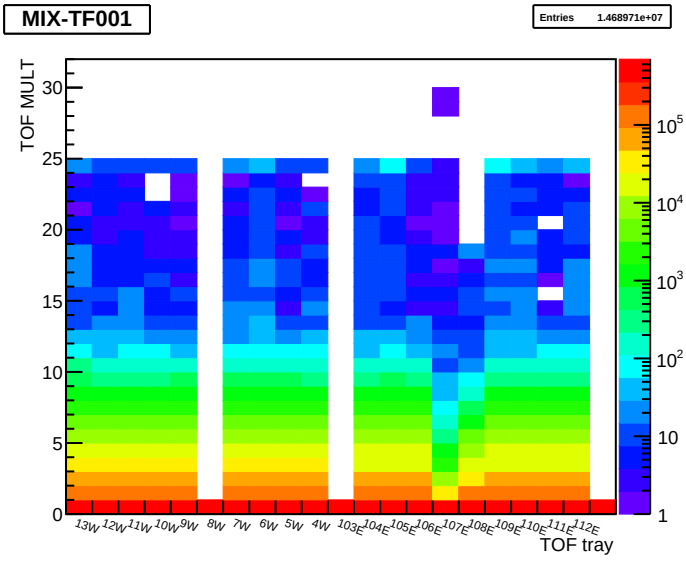

BunchId7Bit (ZDC-TAC)
Entries 966

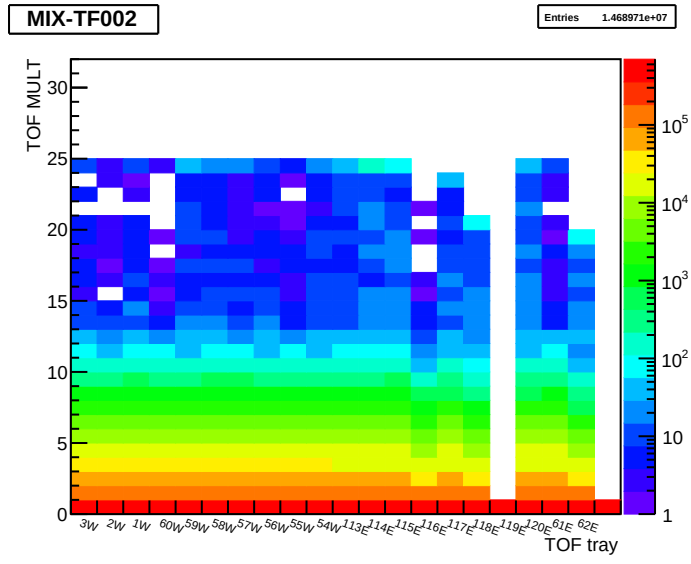

BunchId7Bit (EPD-TAC)
Entries 559659

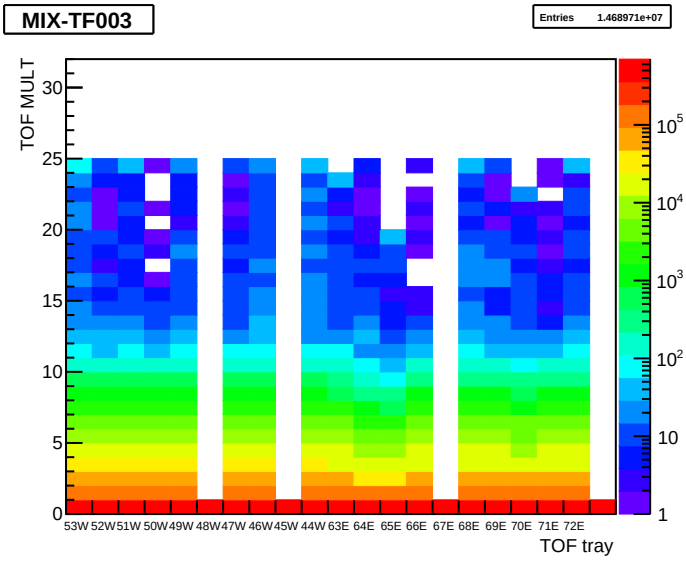

BunchId7Bit (BBC-TAC)
Entries 213315

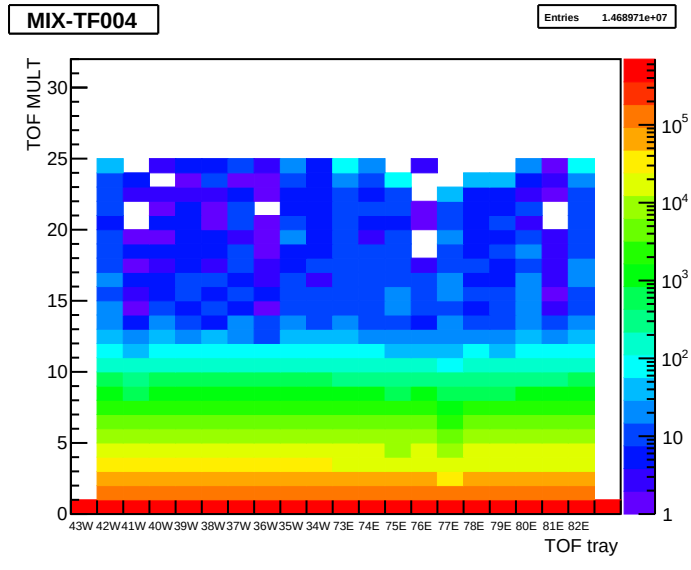

BunchId7Bit (Laser)
Entries 0

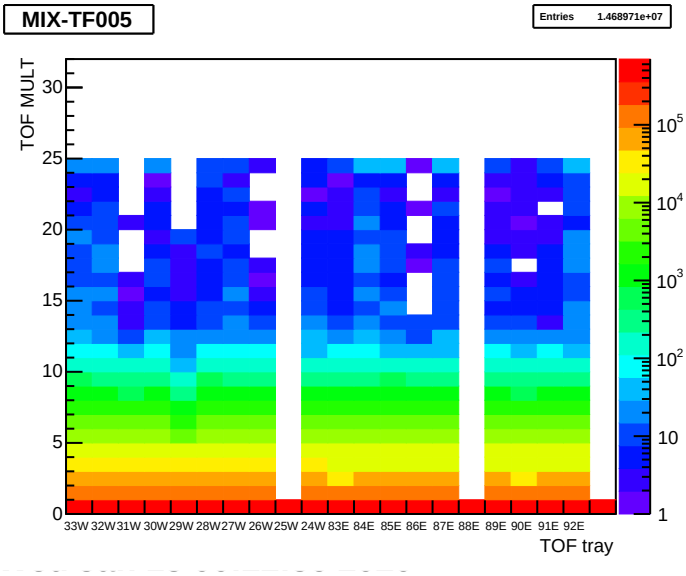

BunchId7Bit (TOFmult window)
Entries 19767

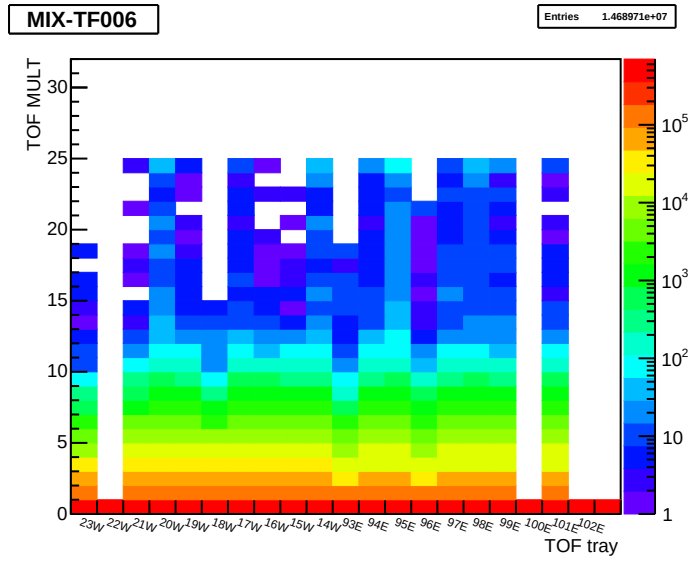

MIX-TF001
Entries 1.468971e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

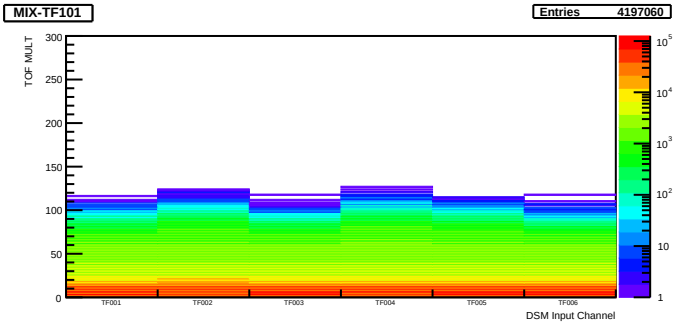

MIX-TF002
Entries 1.468971e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

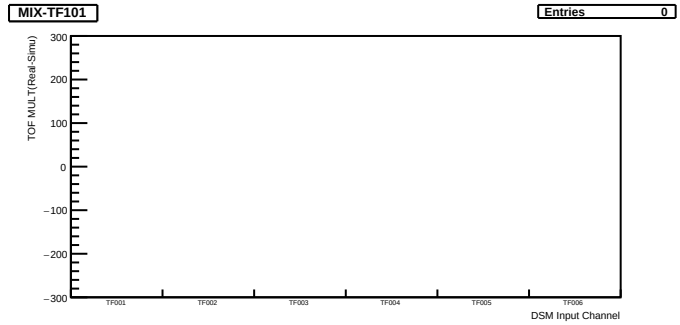

MIX-TF003
Entries 1.468971e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

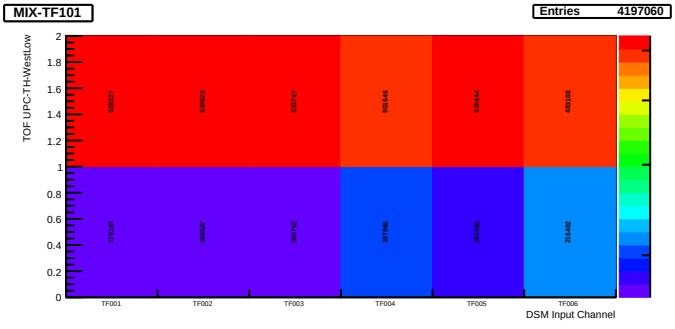

MIX-TF004
Entries 1.468971e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

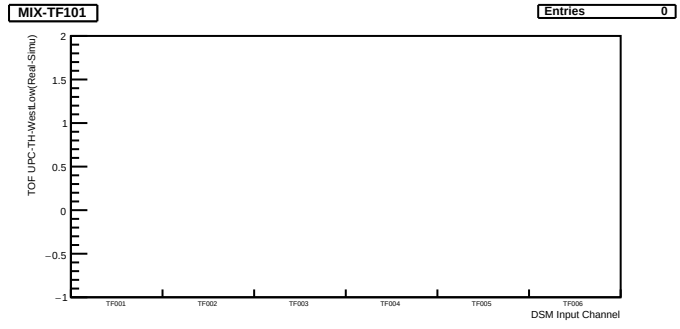

MIX-TF005
Entries 1.468971e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

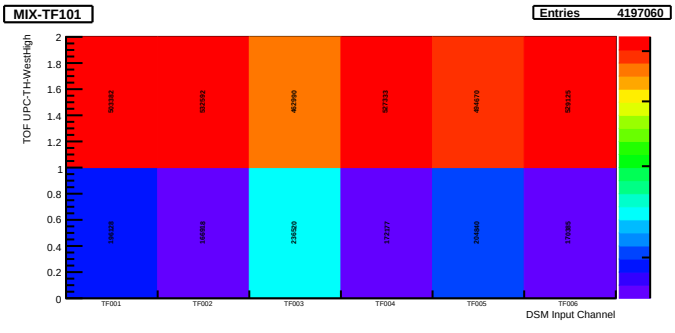

MIX-TF006
Entries 1.468971e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

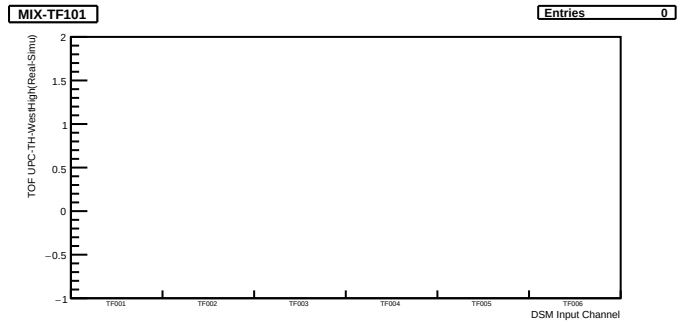

MIX-TF101
Entries 4197060
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

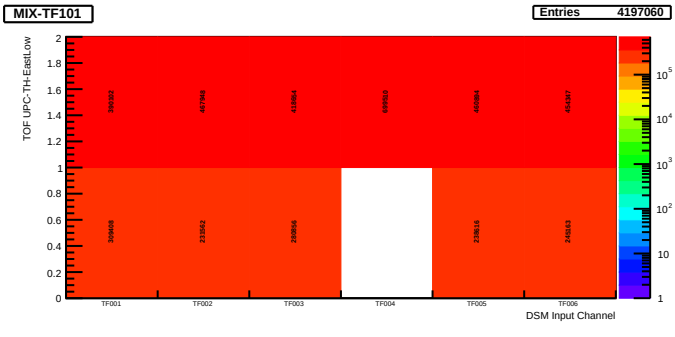

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

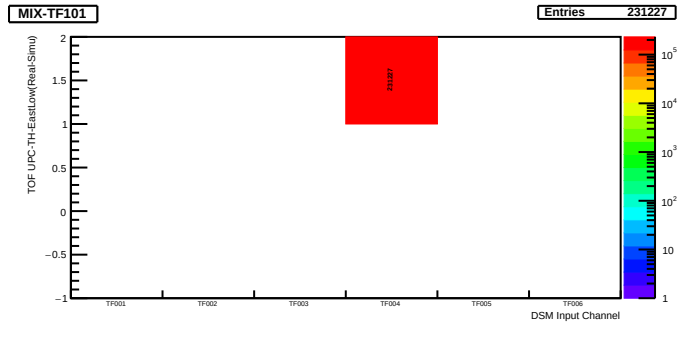

MIX-TF101
Entries 4197060
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

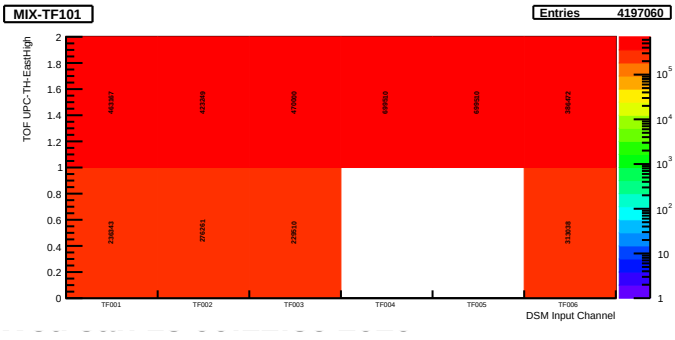

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

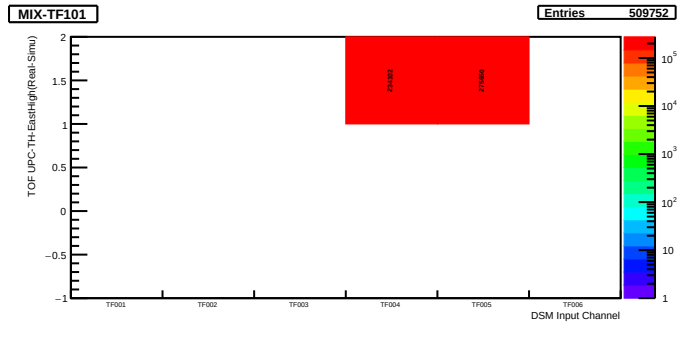

MIX-TF101
Entries 4197060
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

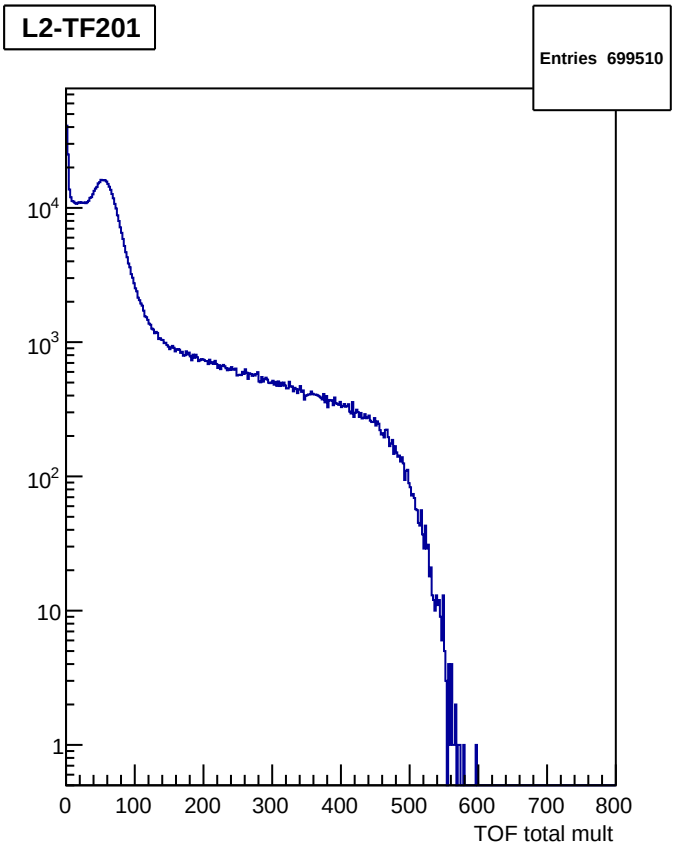

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

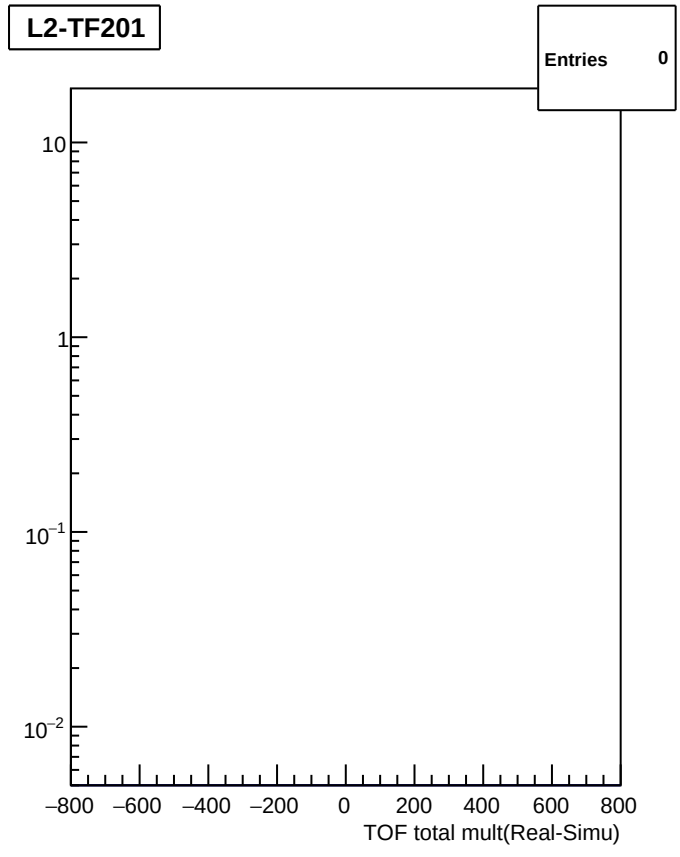

MIX-TF101
Entries 4197060
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

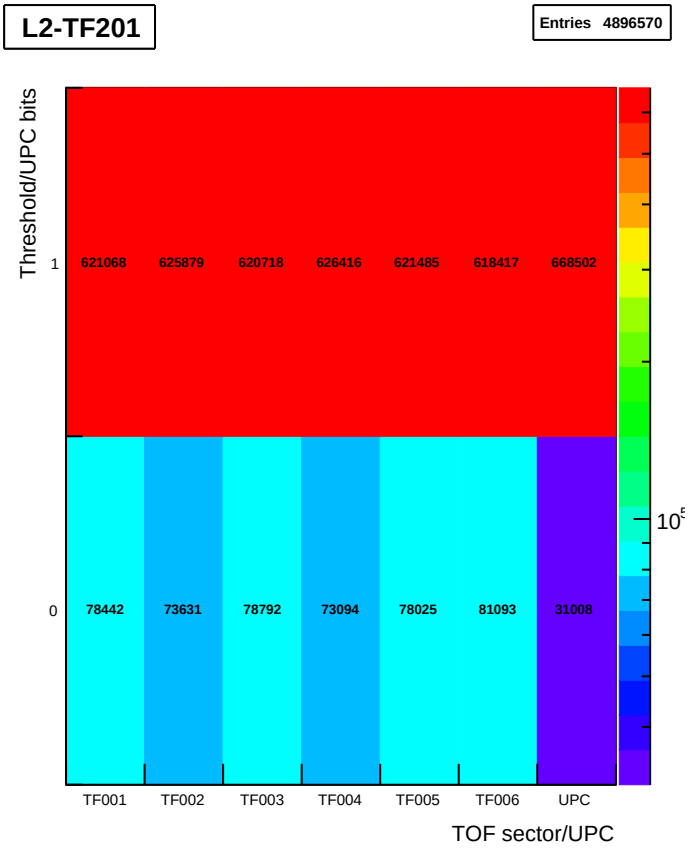

MIX-TF101
Entries 231227
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

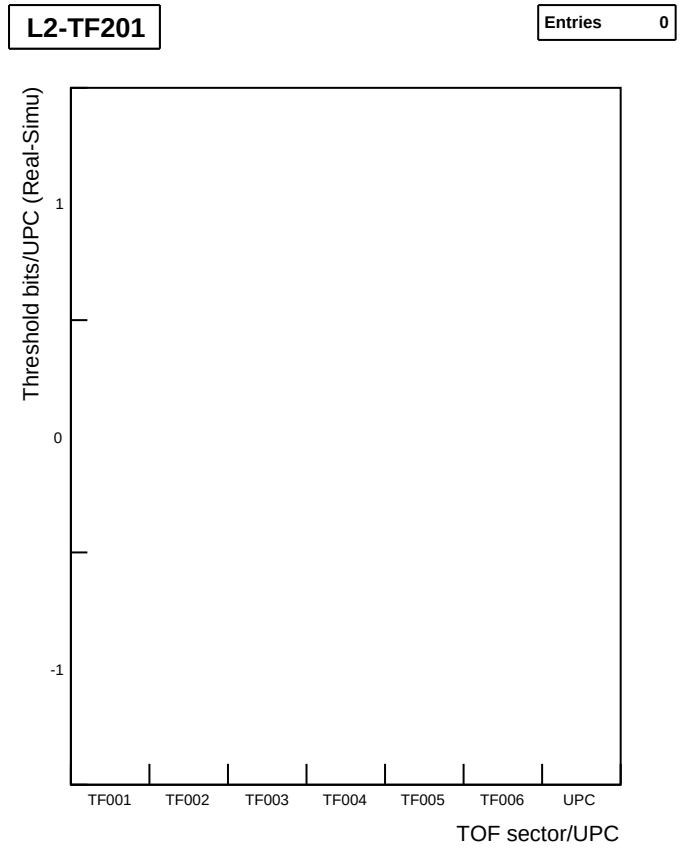

MIX-TF101
Entries 4197060
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

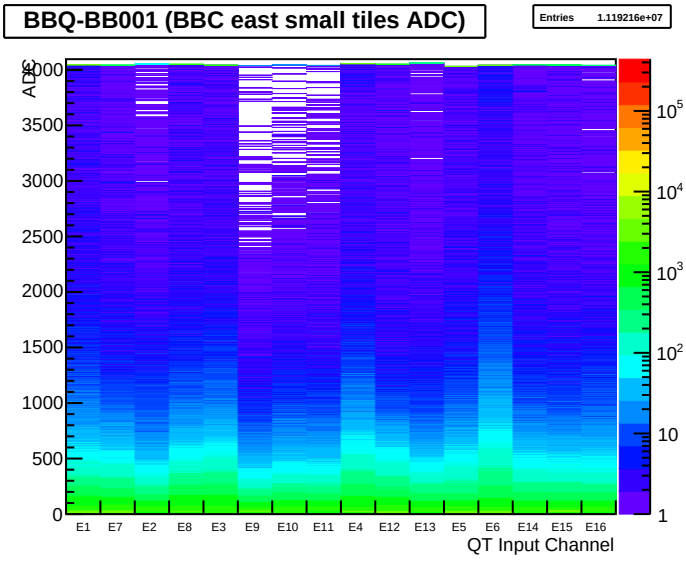

MIX-TF101
Entries 509752
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

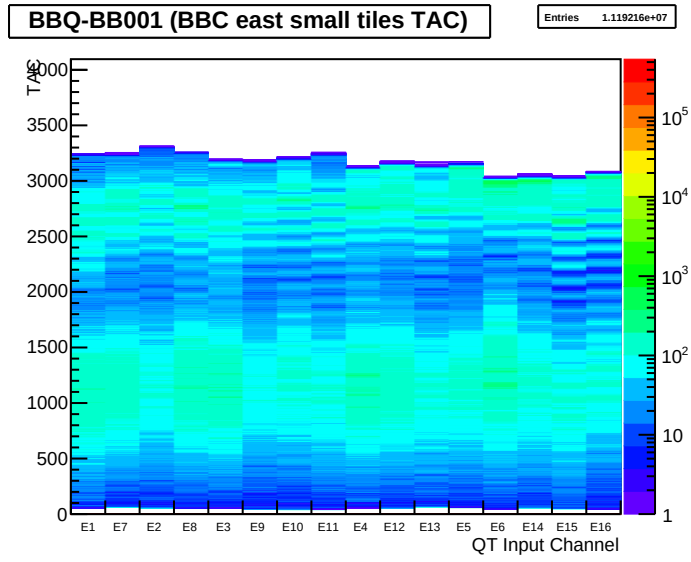

L2-TF201
Entries 699510
TOF total mult

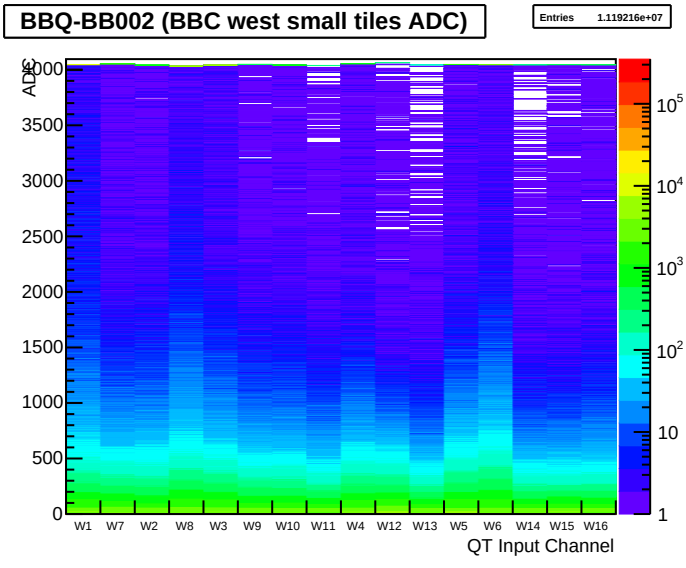

L2-TF201
Entries 0
TOF total mult(Real-Simu)

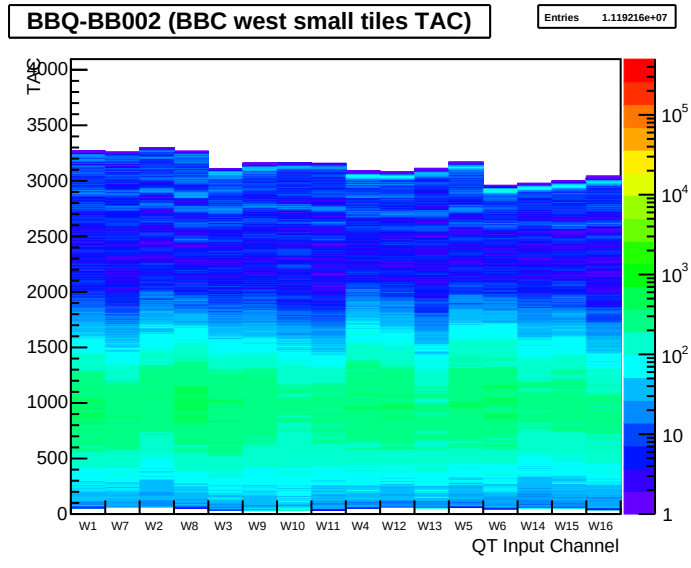

L2-TF201
Entries 4896570
Threshold/UPC bits
621068
625879
620718
626416
621485
618417
668502
78442
73631
78792
73094
78025
81093
31008
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

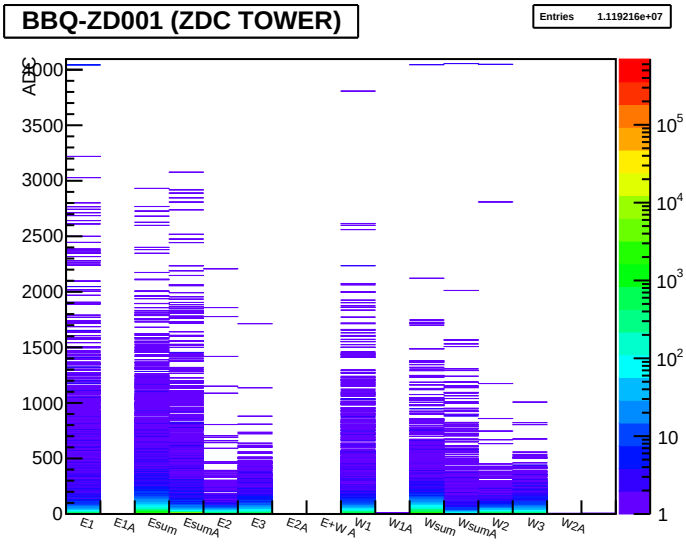

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

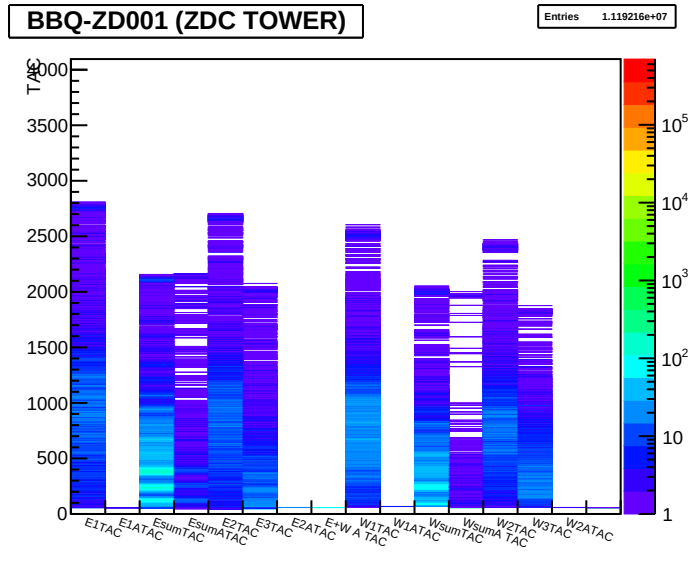

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.119216e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

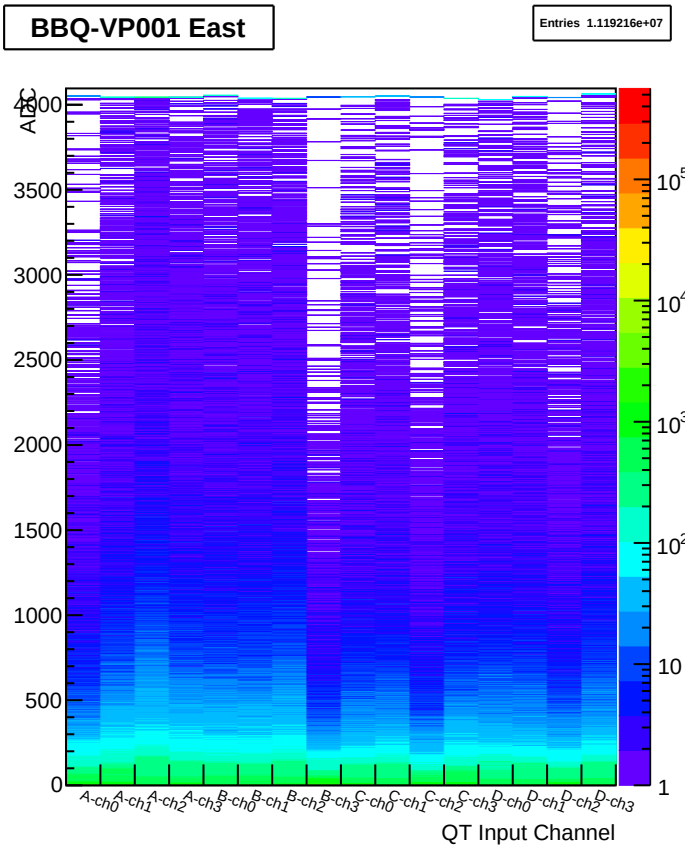

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.119216e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

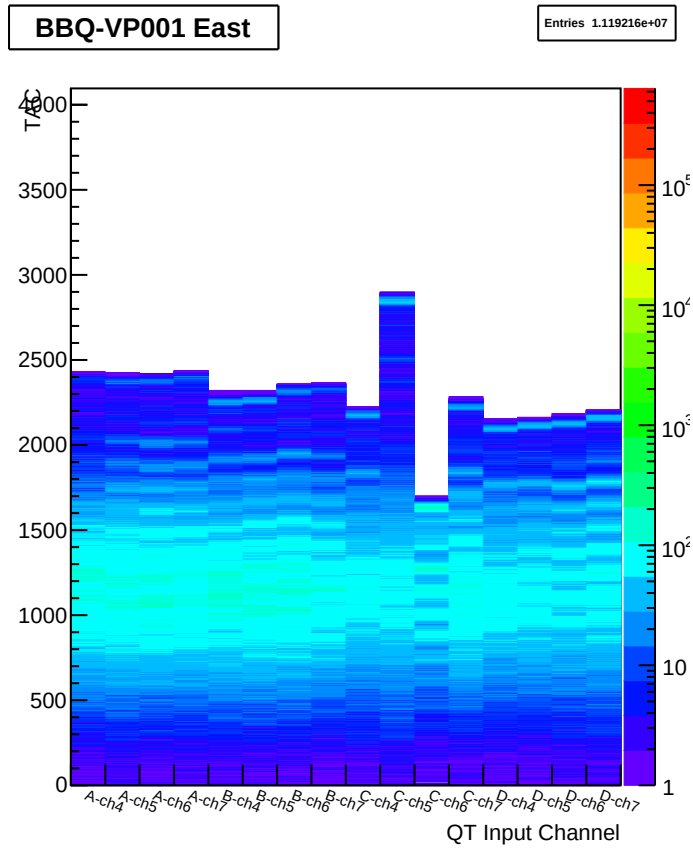

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.119216e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

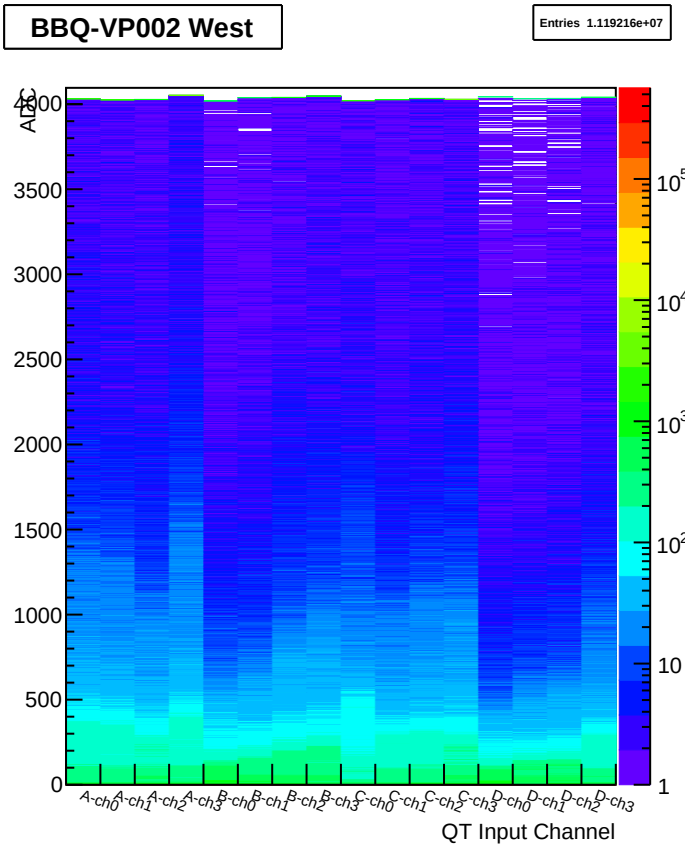

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.119216e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

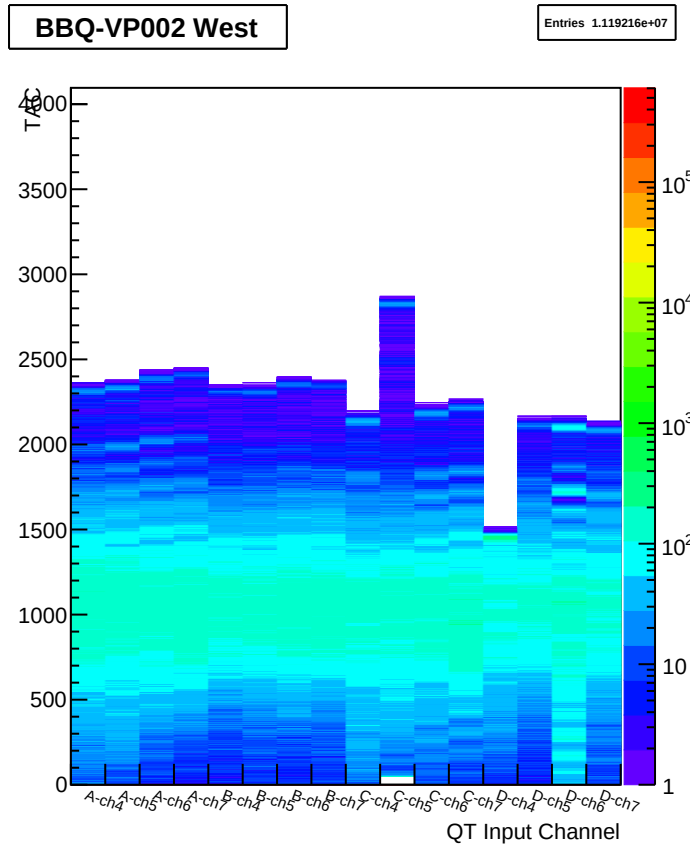

BBQ-ZD001 (ZDC TOWER)
Entries 1.119216e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

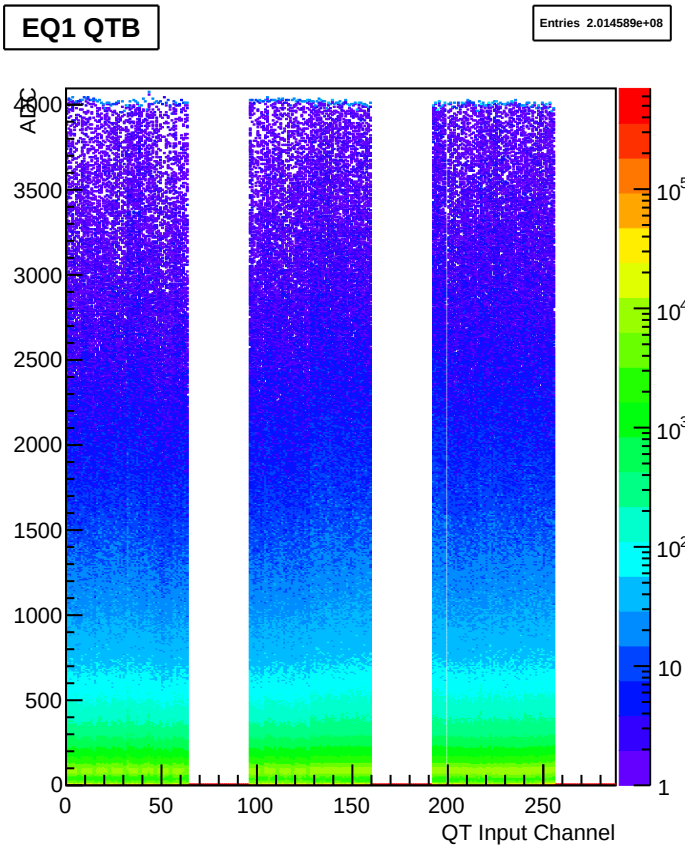

BBQ-ZD001 (ZDC TOWER)
Entries 1.119216e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

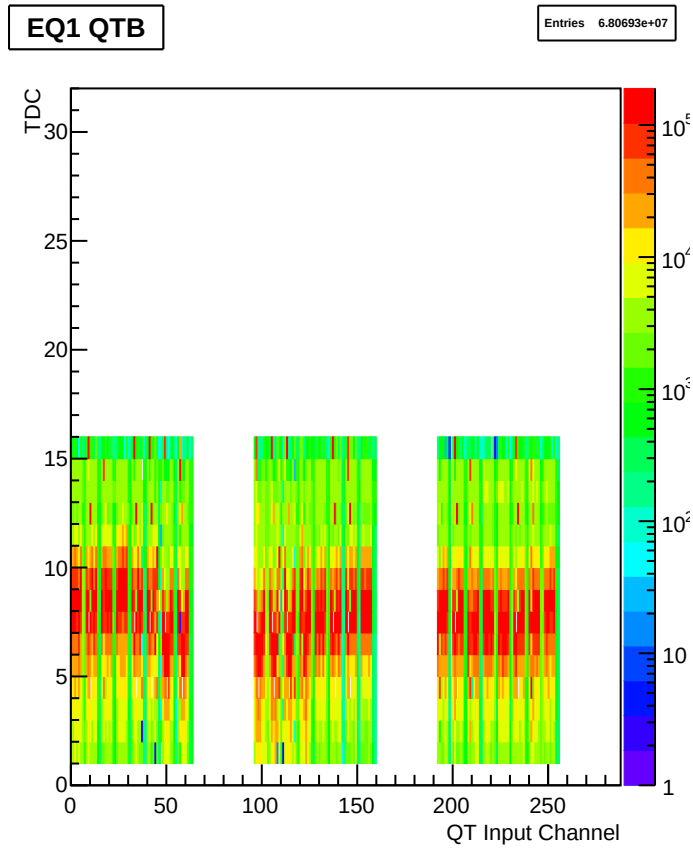

BBQ-VP001 East
Entries 1.119216e+07
ADC
QT Input Channel

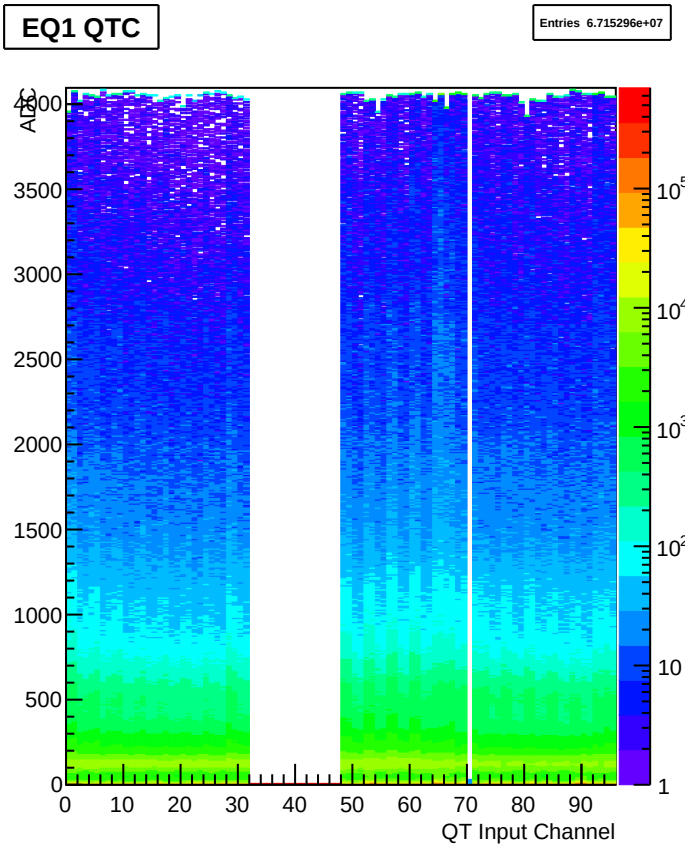

BBQ-VP001 East
Entries 1.119216e+07
TADC
QT Input Channel

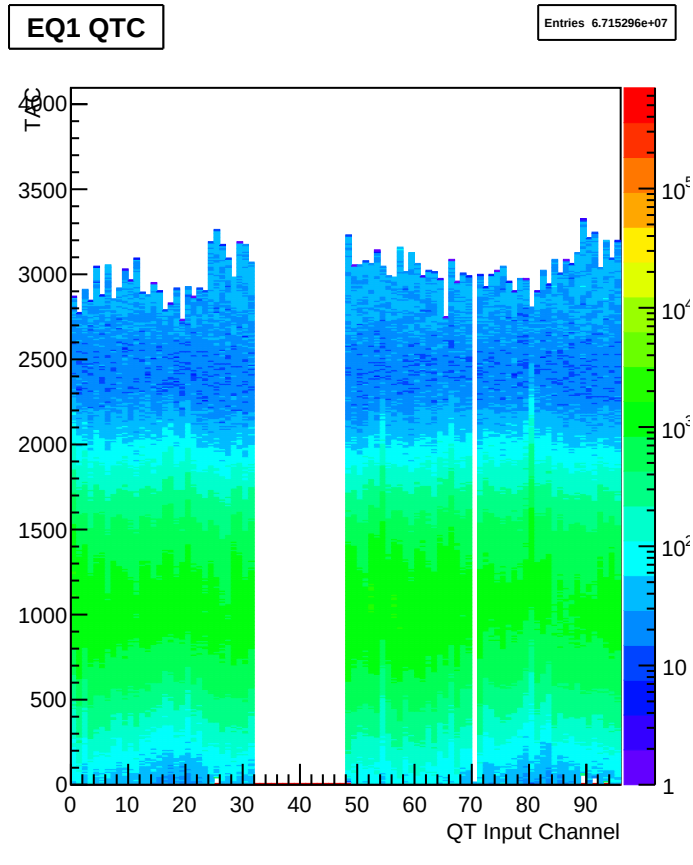

BBQ-VP002 West
Entries 1.119216e+07
ADC
QT Input Channel

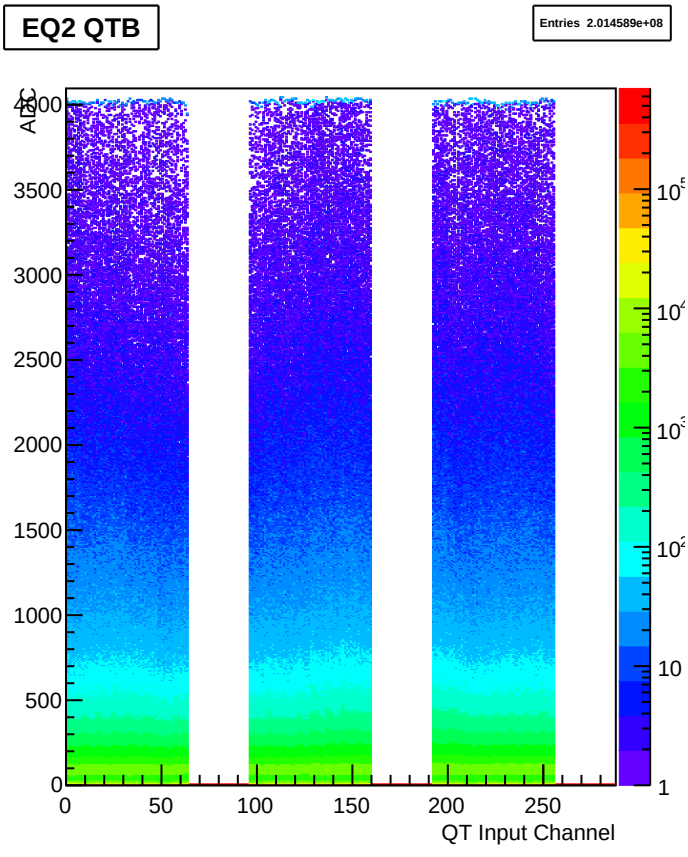

BBQ-VP002 West
Entries 1.119216e+07
TADC
QT Input Channel

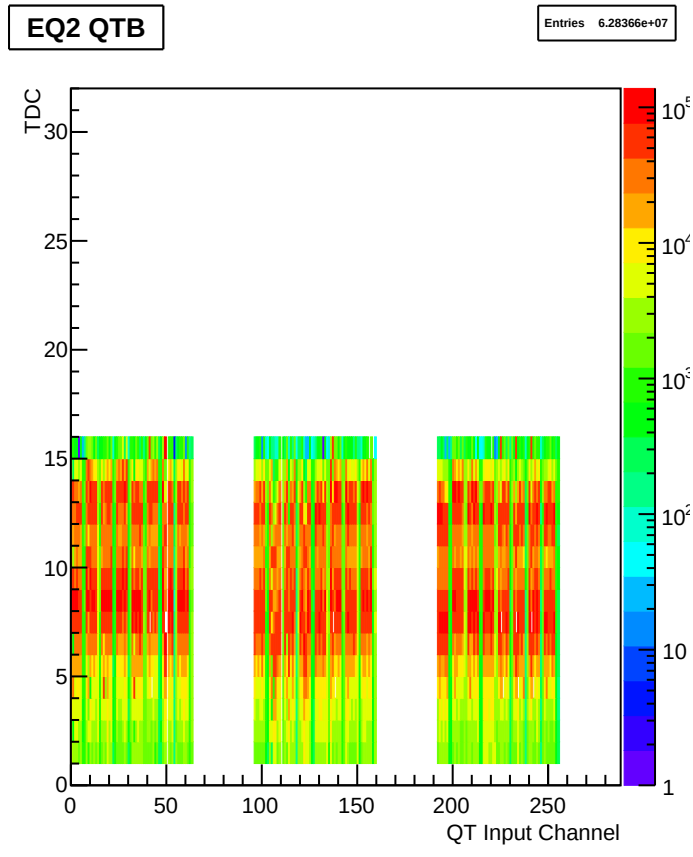

EQ1 QTB
Entries 2.014589e+08
ADC
QT Input Channel

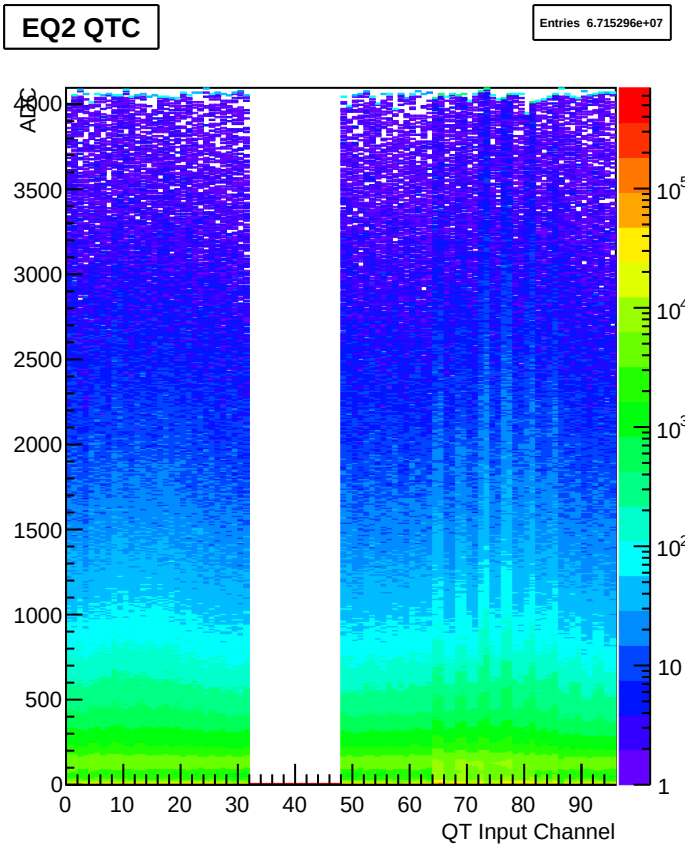

EQ1 QTB
Entries 6.80693e+07
TDC
QT Input Channel

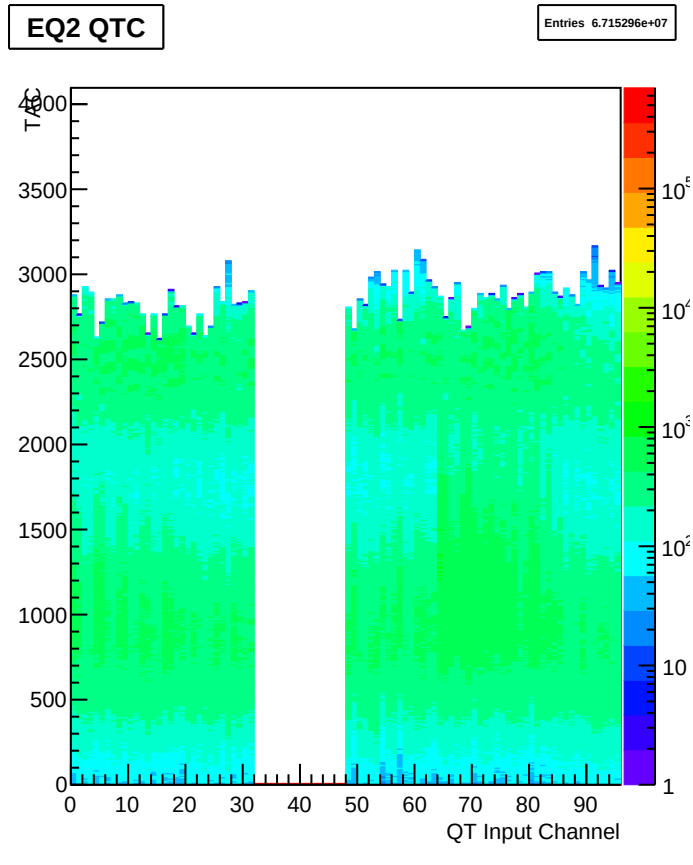

EQ1 QTC
Entries 6.715296e+07
ADC
QT Input Channel

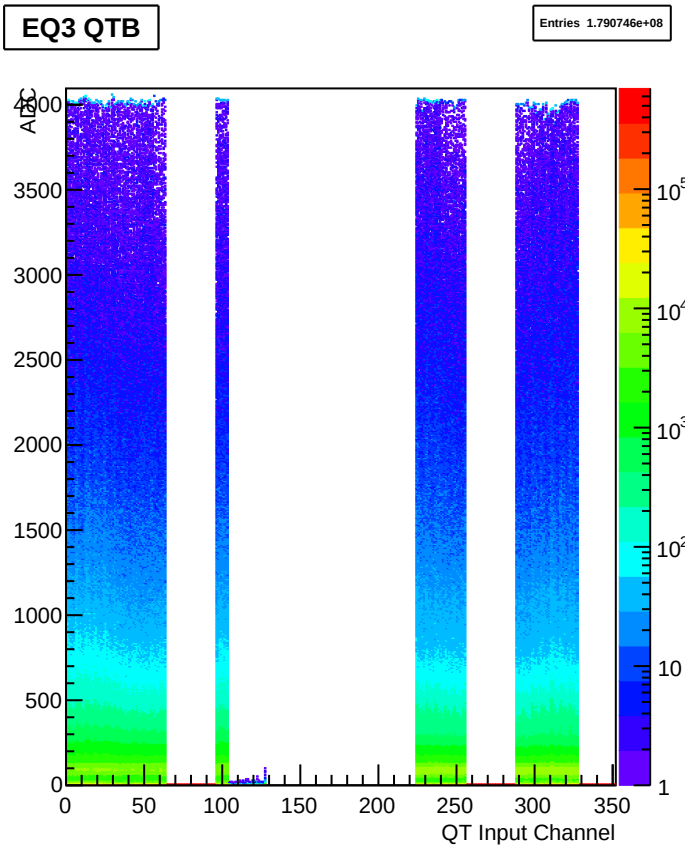

EQ1 QTC
Entries 6.715296e+07
TADC
QT Input Channel

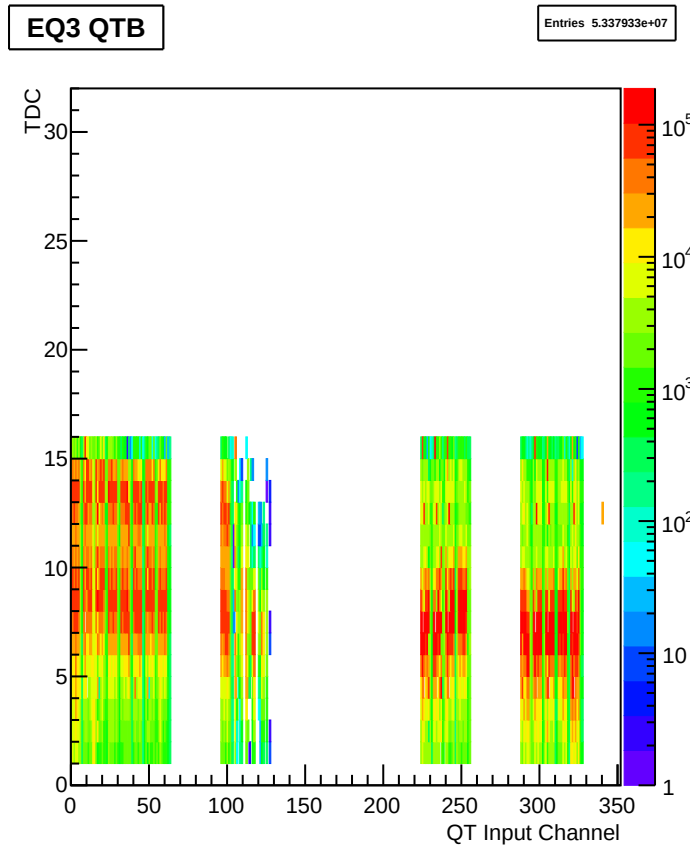

EQ2 QTB
Entries 2.014589e+08
ADC
QT Input Channel

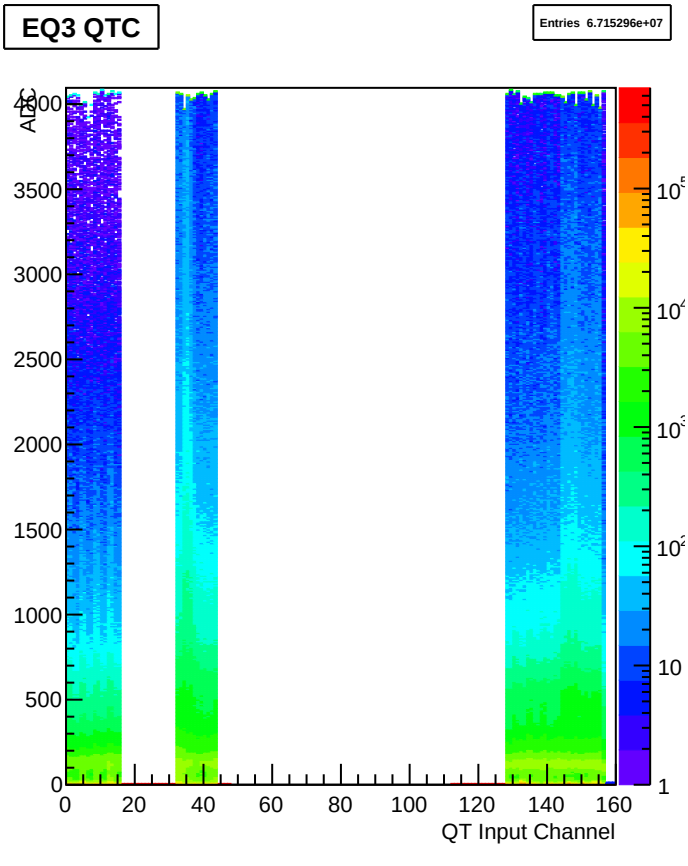

EQ2 QTB
Entries 6.28366e+07
TDC
QT Input Channel

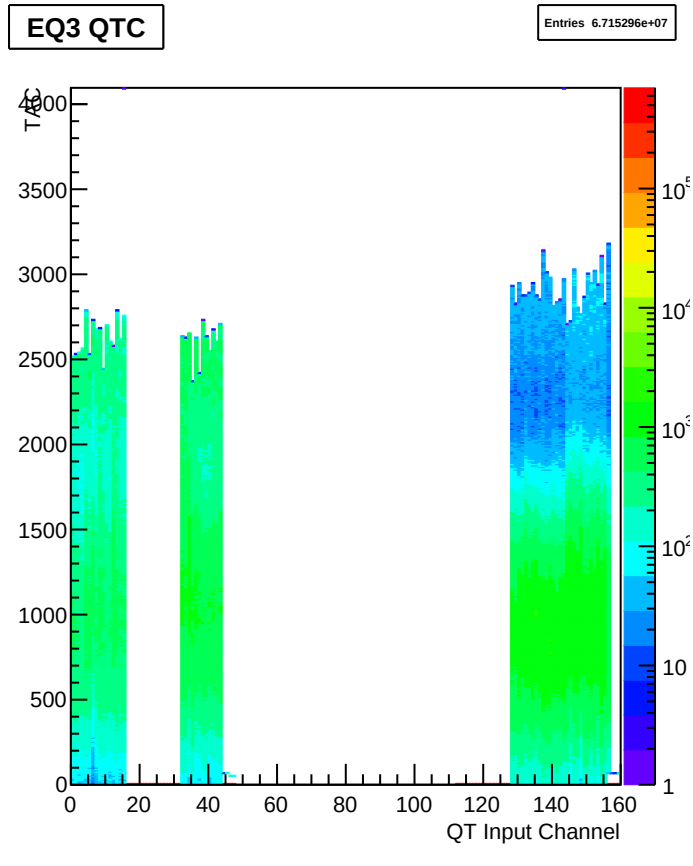

EQ2 QTC
Entries 6.715296e+07
ADC
QT Input Channel

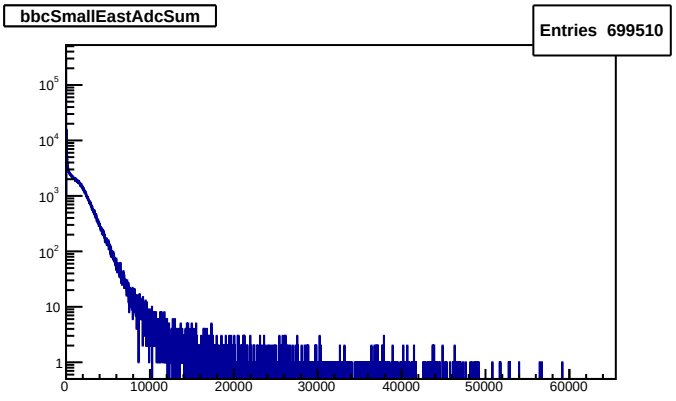

EQ2 QTC
Entries 6.715296e+07
TADC
QT Input Channel

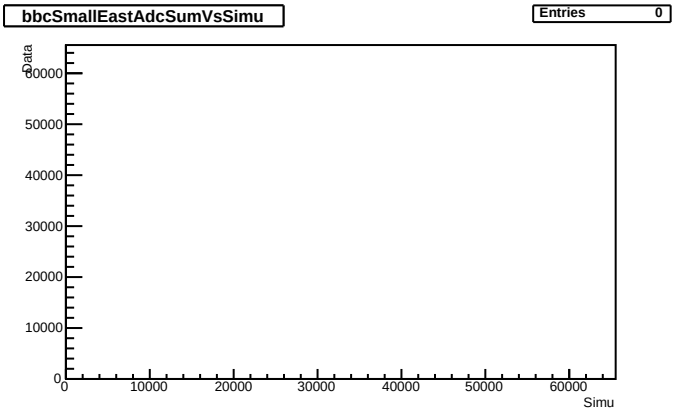

EQ3 QTB
Entries 1.790746e+08
ADC
QT Input Channel

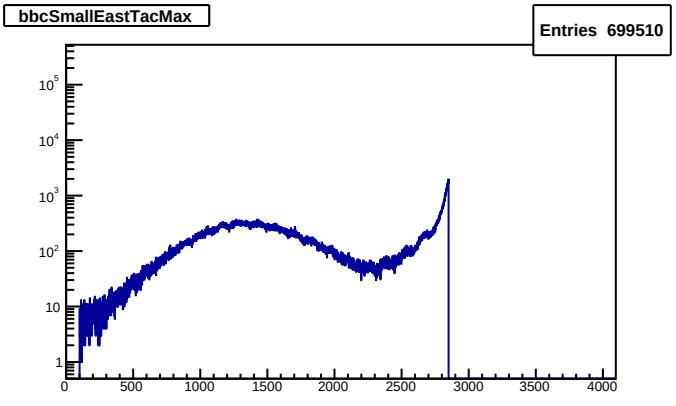

EQ3 QTB
Entries 5.337933e+07
TDC
QT Input Channel


EQ3 QTC
Entries 6.715296e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.715296e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 699510


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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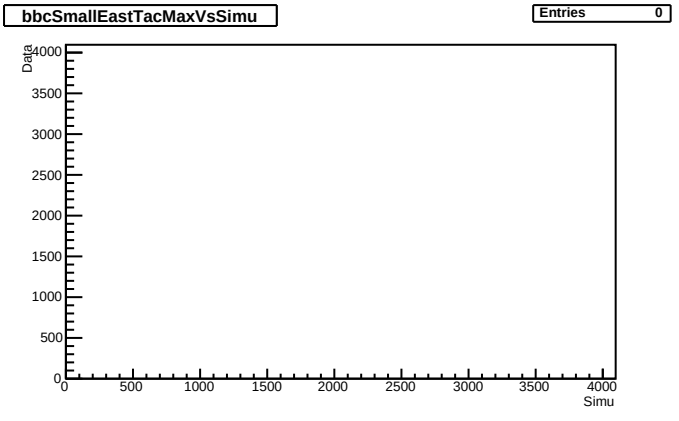
Entries 699510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Entries 0
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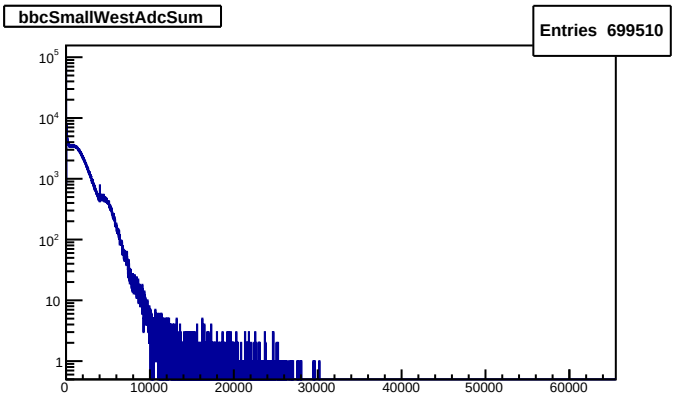
Simu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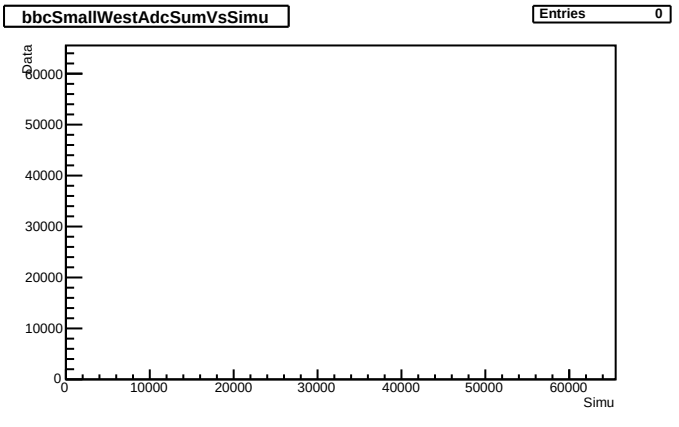
Entries 699510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Entries 0
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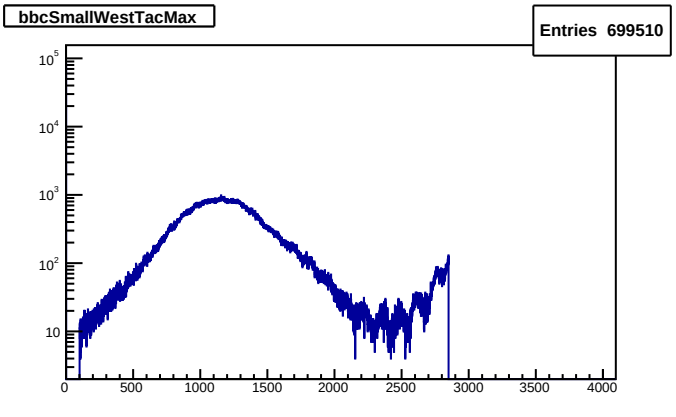
Simu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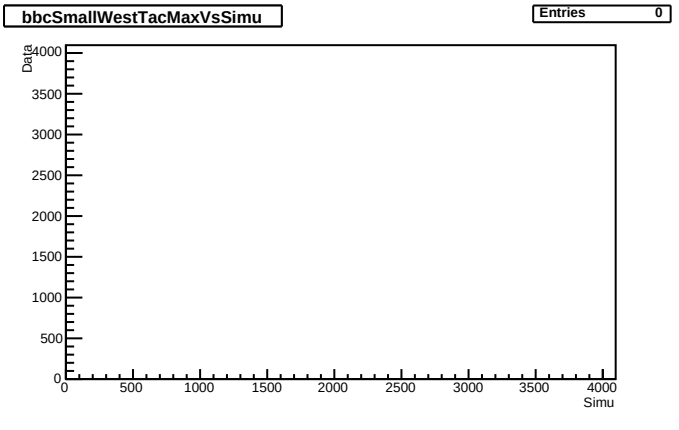
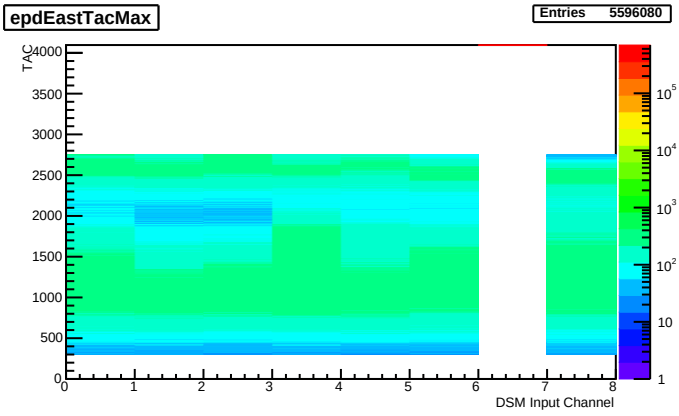
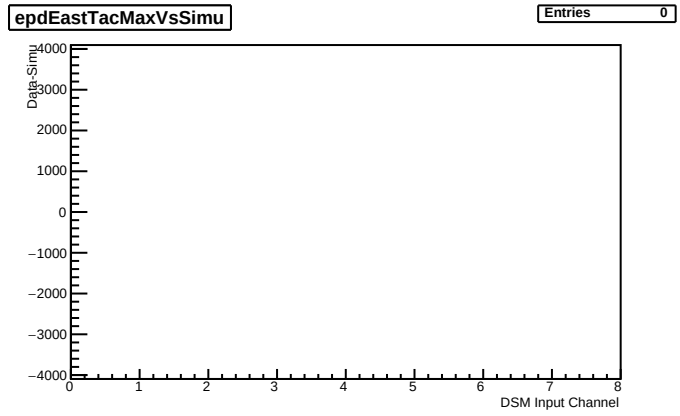
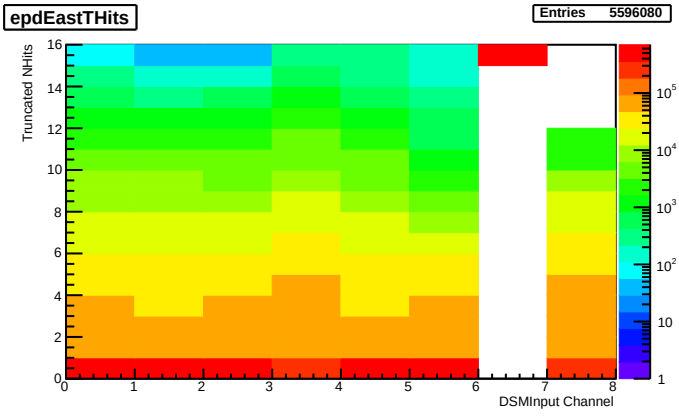
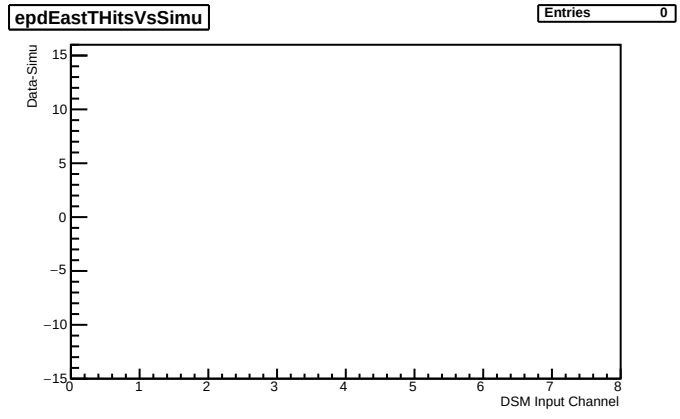
Entries 699510


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5596080
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5596080
Truncated NHits
DSMInput Channel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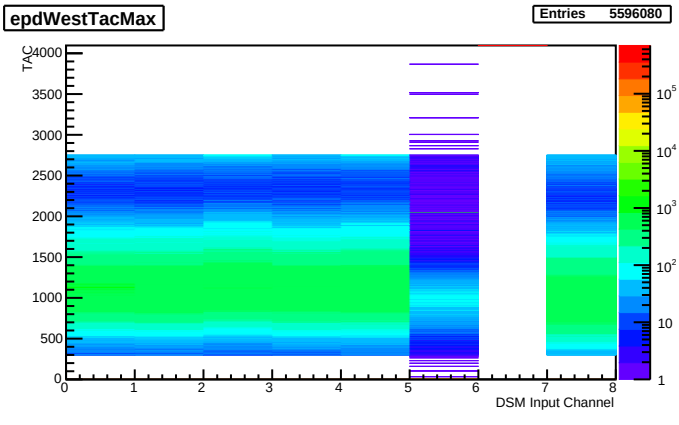
Data-Simu
DSM Input Channel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Entries 5596080
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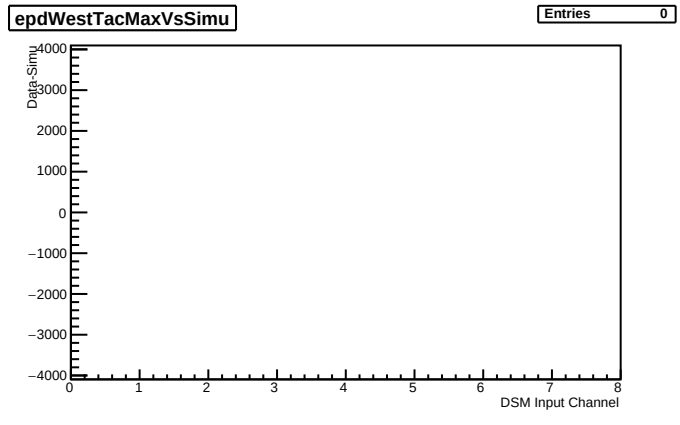
DSM Input Channel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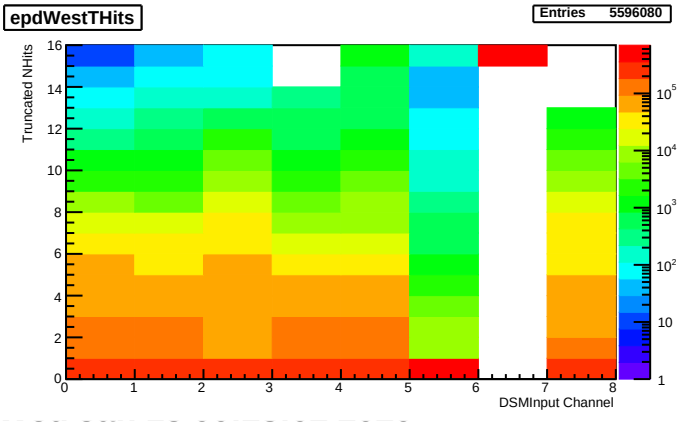
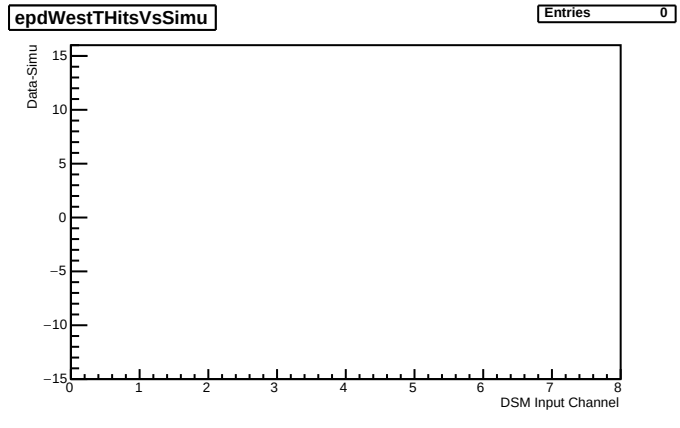
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5596080
Truncated NHits
DSMInput Channel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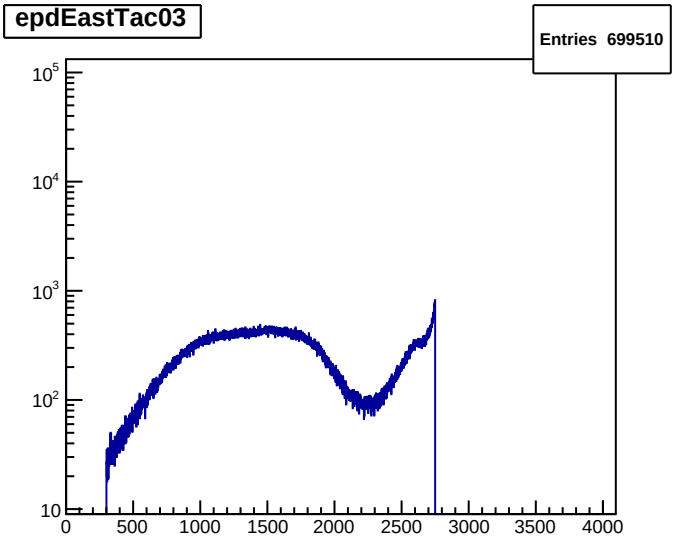
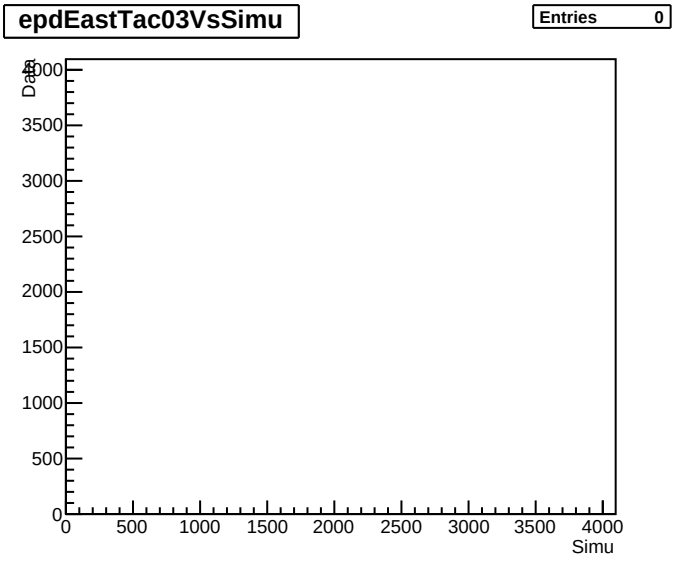
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 699510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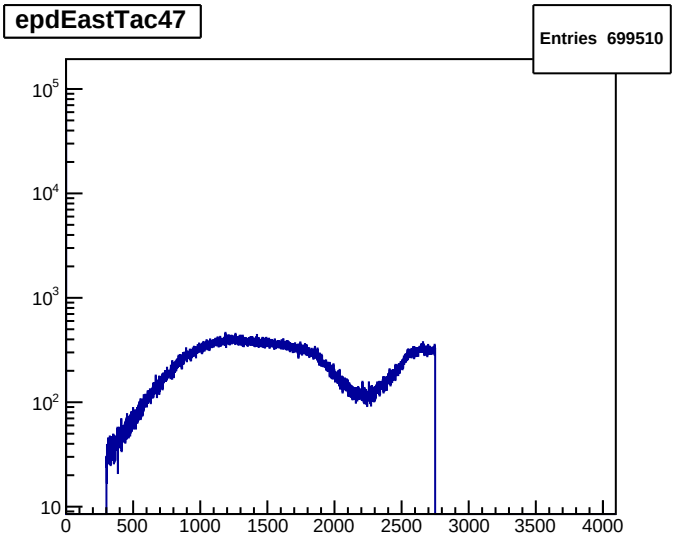
Entries 0
Data
Simu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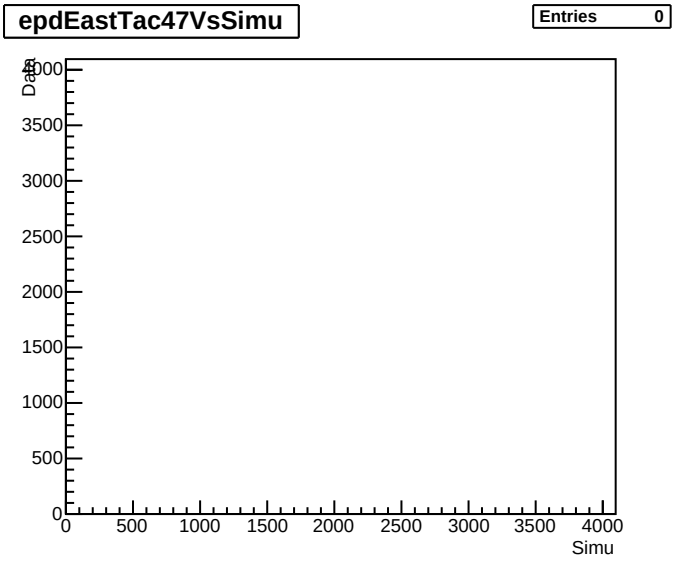
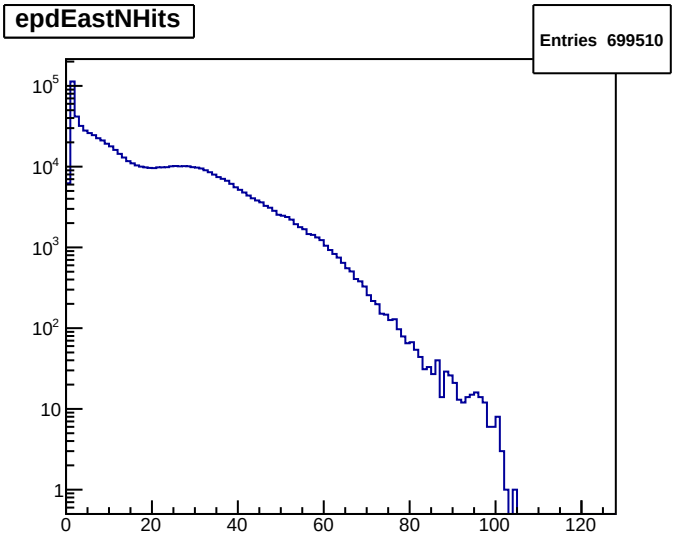
Entries 699510


epdEastTac47VsSimu
Entries 0
Data
Simu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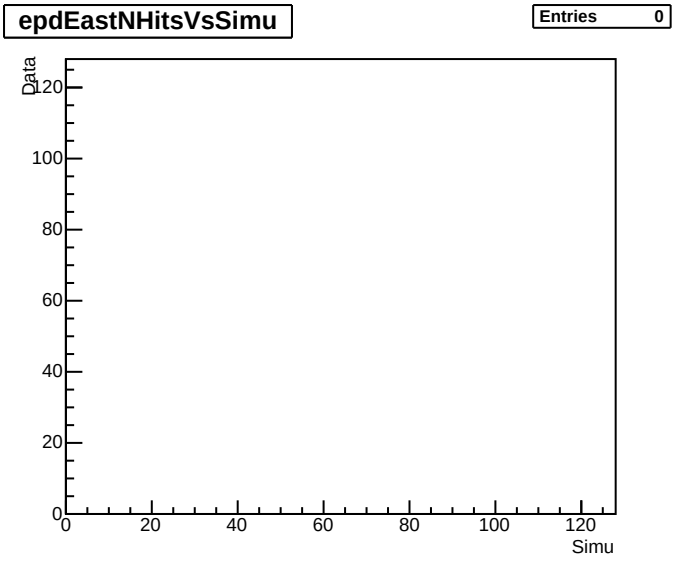
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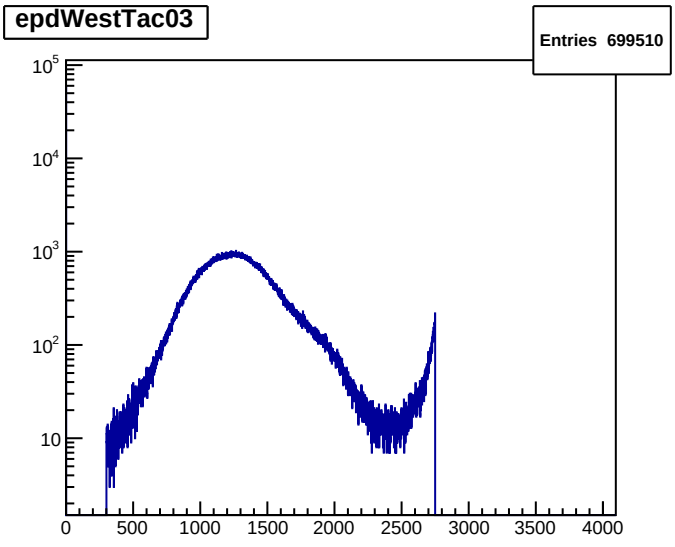
Entries 0
Data
Simu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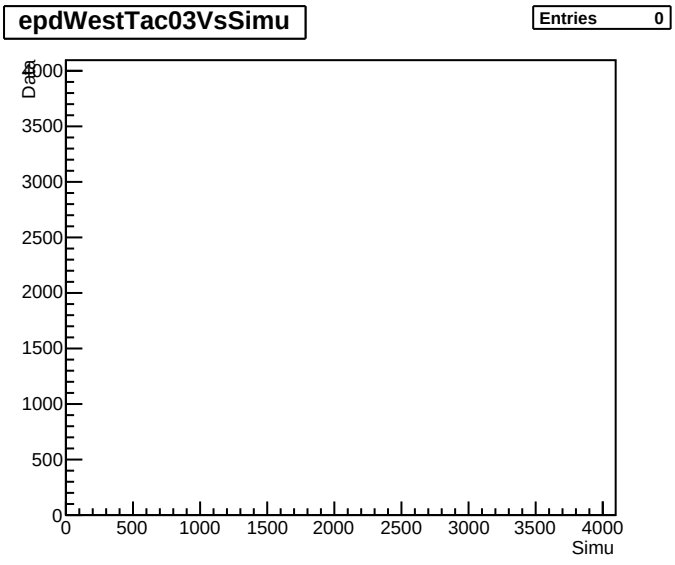
Entries 699510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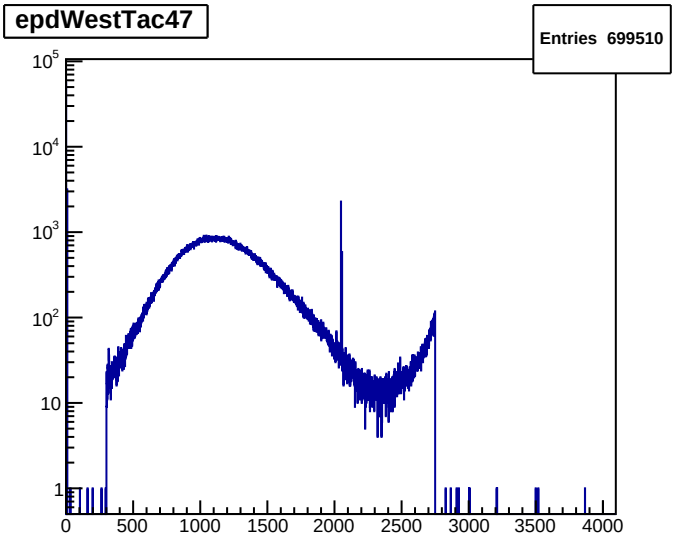
Entries 0
Data
Simu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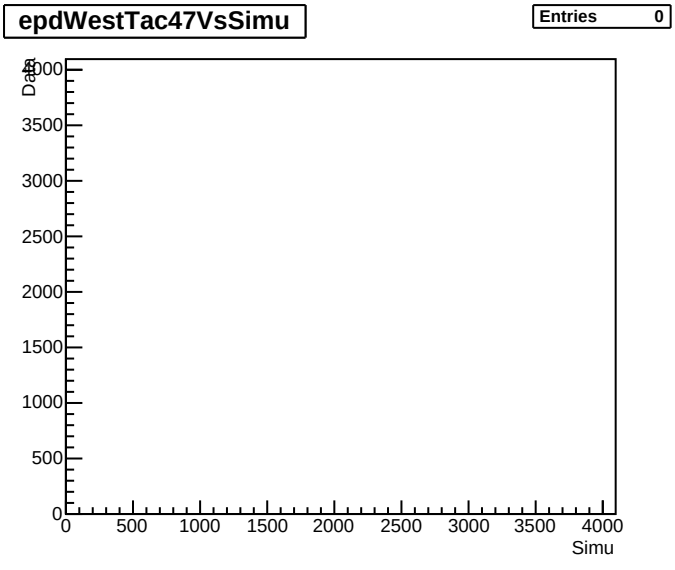
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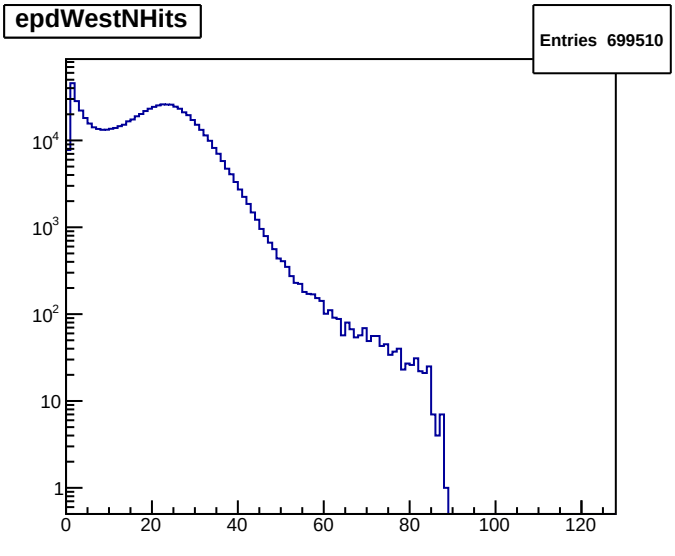
Entries 0
Data
Simu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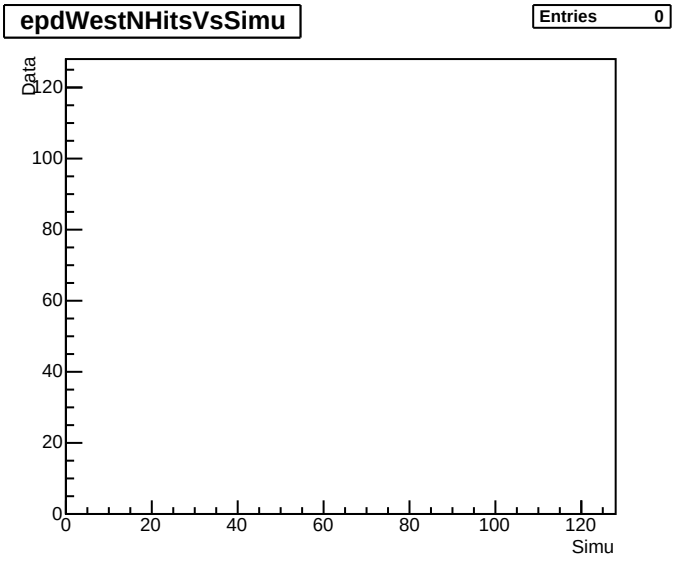
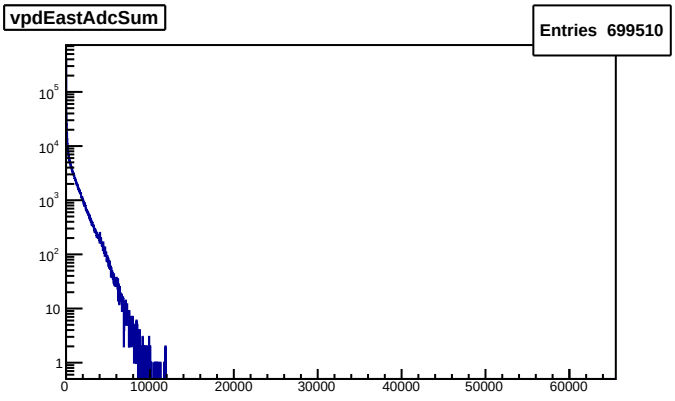
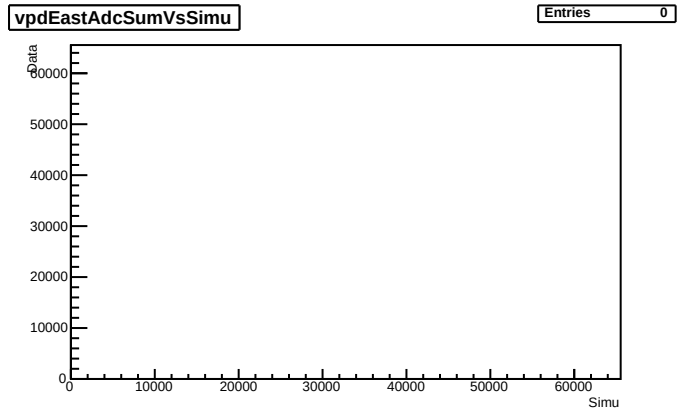
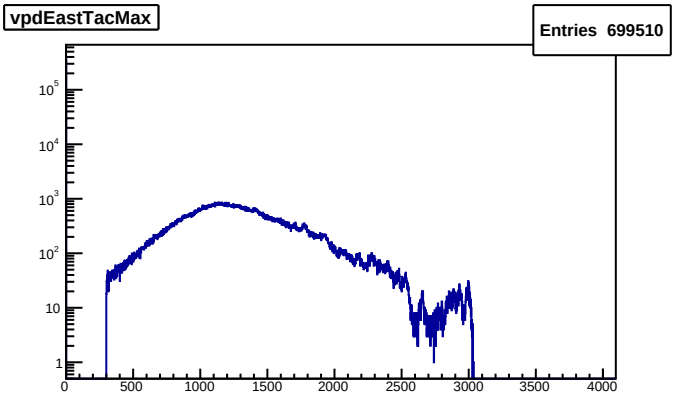
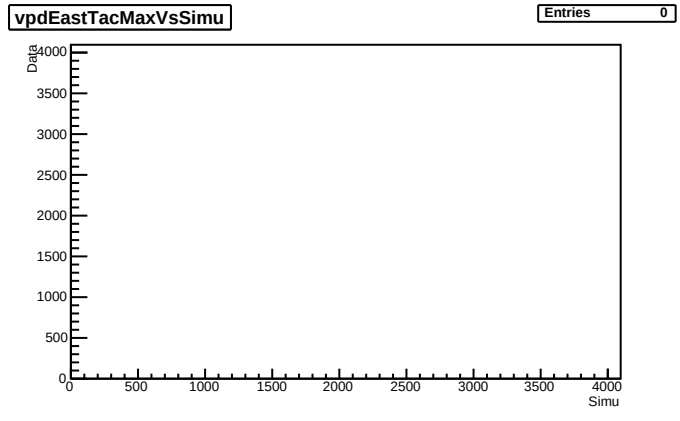
Entries 699510


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 699510


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 699510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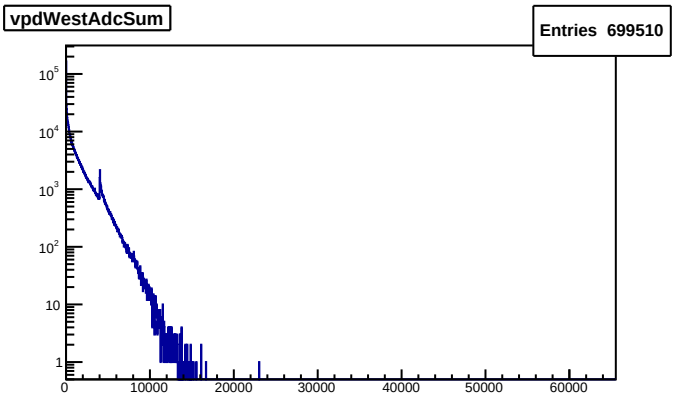
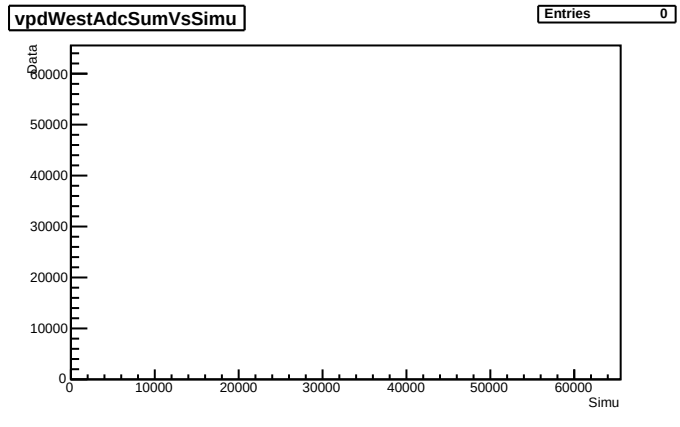
Entries 0
Data
Simu


vpdWestAdcSum
Entries 699510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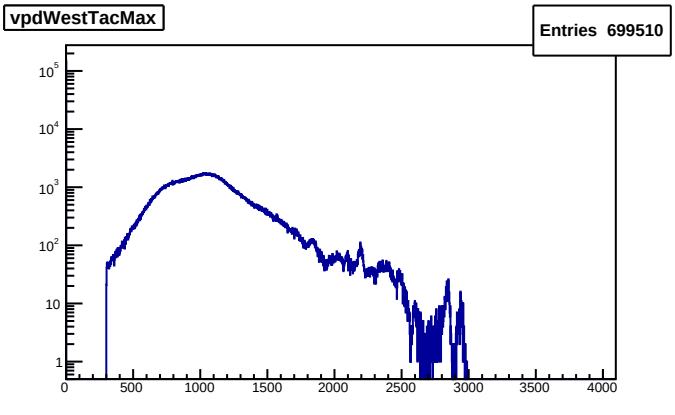
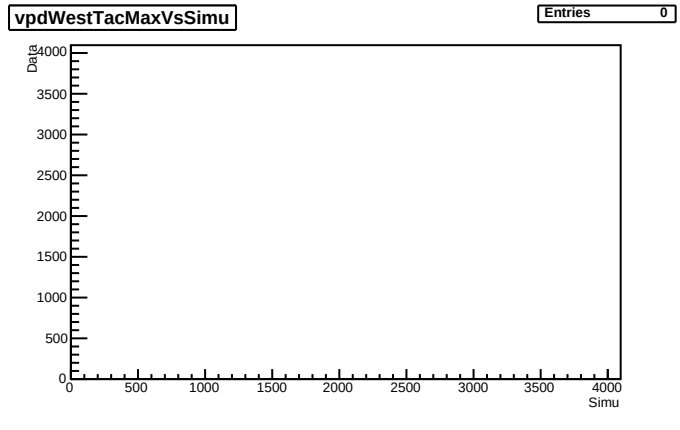
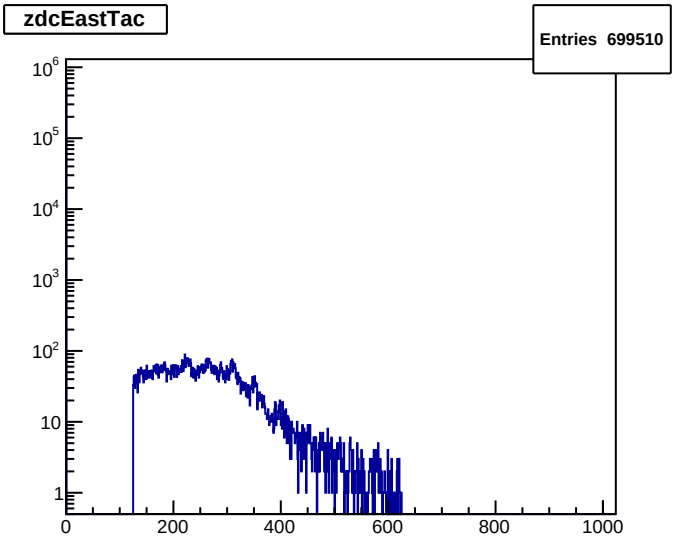
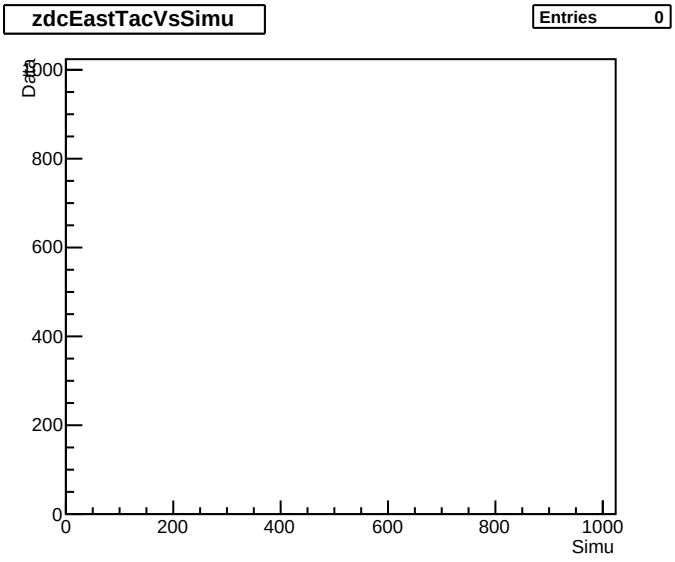
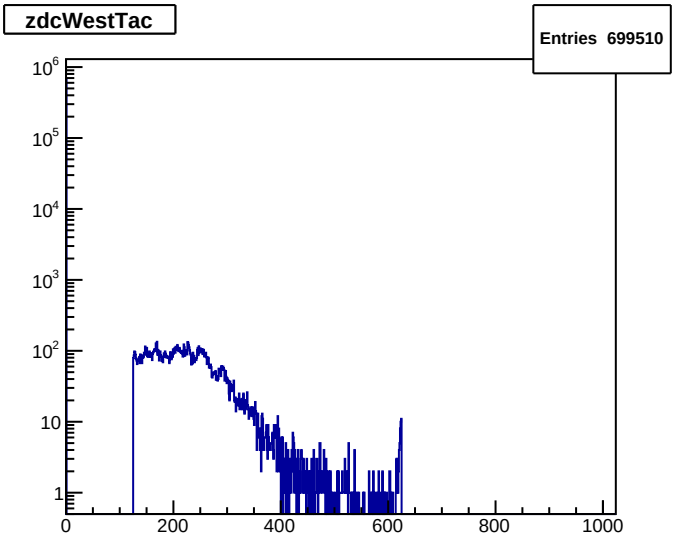
Entries 0
Data
Simu

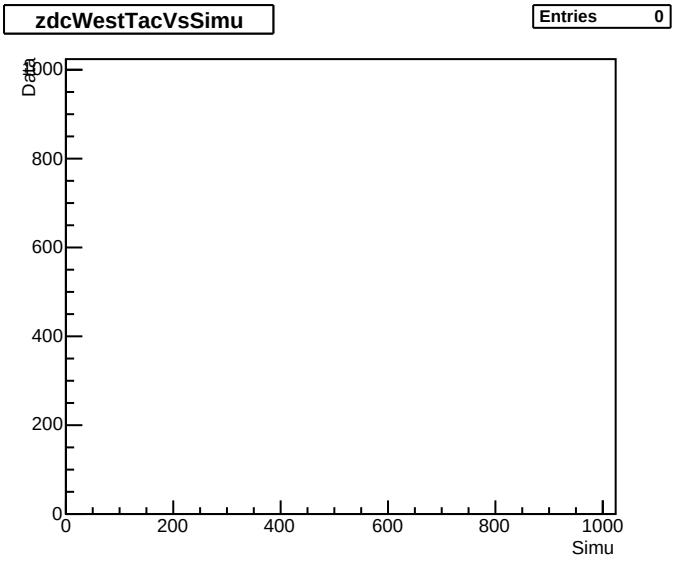

vpdWestTacMax
Entries 699510

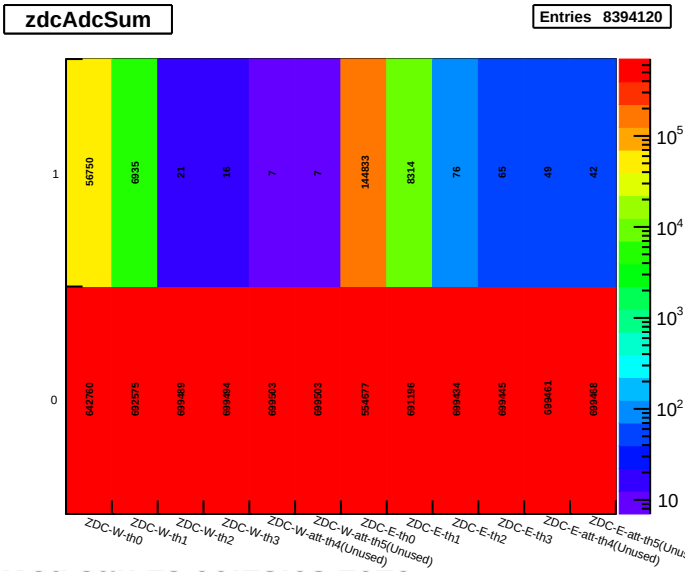

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

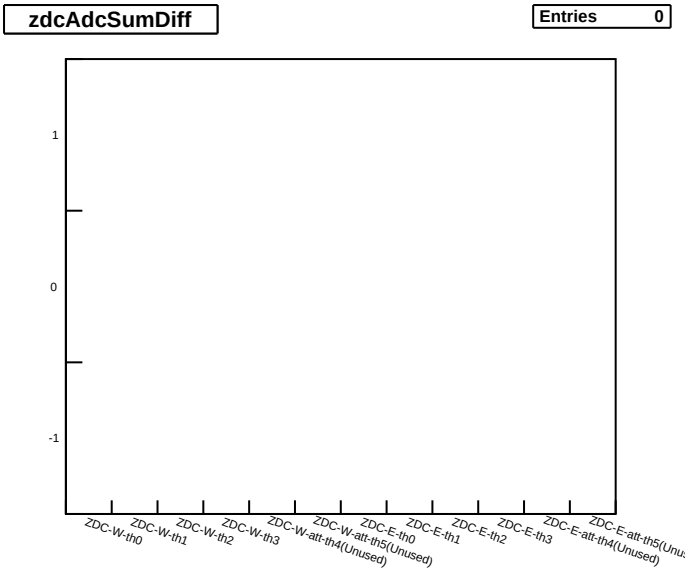

zdcEastTac
Entries 699510

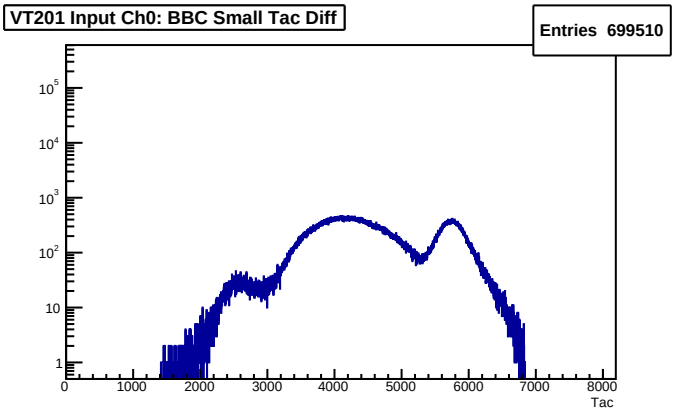

zdcEastTacVsSimu
Entries 0
Data
Simu

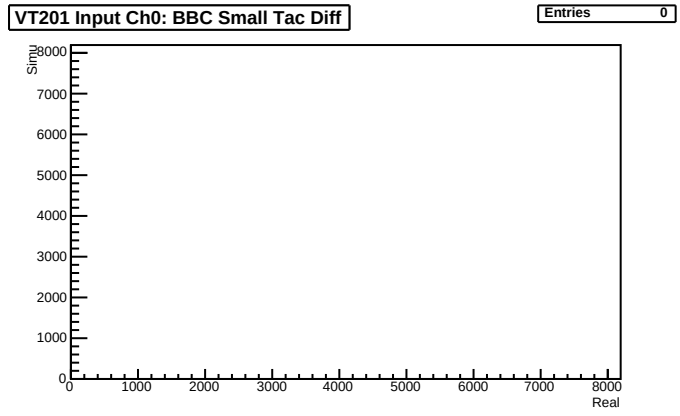

zdcWestTac
Entries 699510

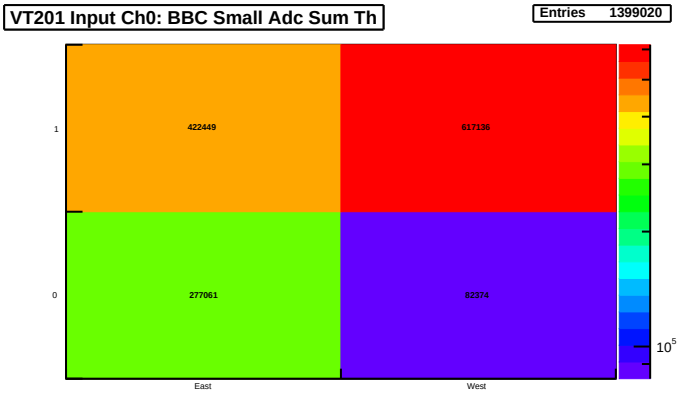

zdcWestTacVsSimu
Entries 0
Data
Simu

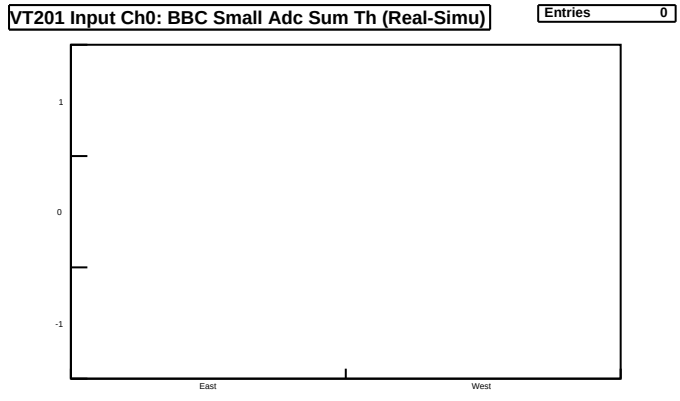

zdcAdcSum
Entries 8394120
56750
6835
21
16
7
7
144833
8314
76
65
49
42
642760
692575
699489
699494
699503
699503
554677
691196
699434
699445
699461
699468
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

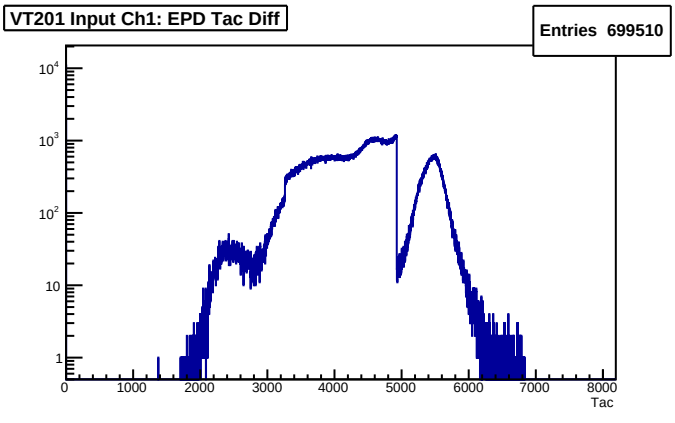

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

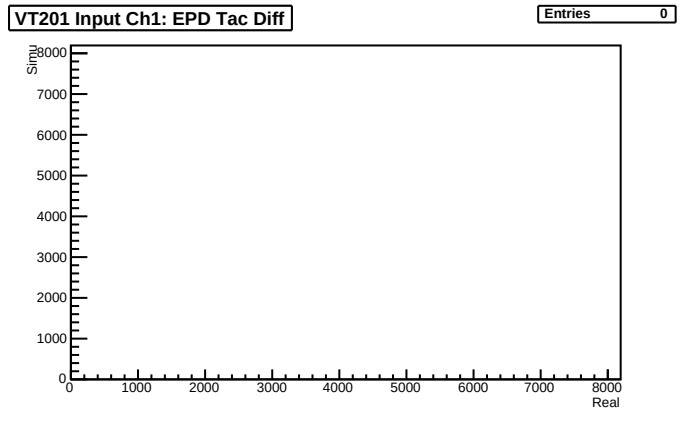

VT201 Input Ch0: BBC Small Tac Diff
Entries 699510
Tac

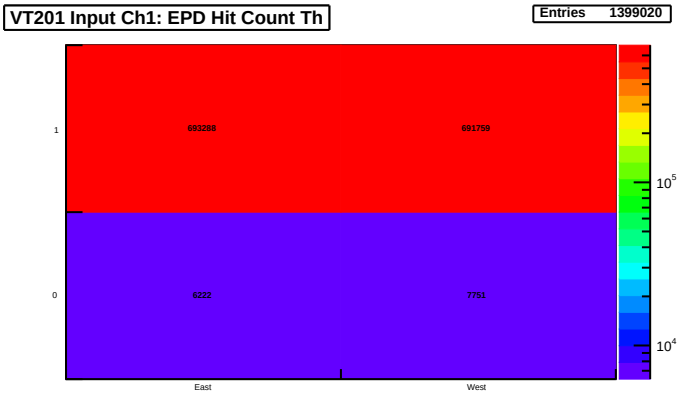

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

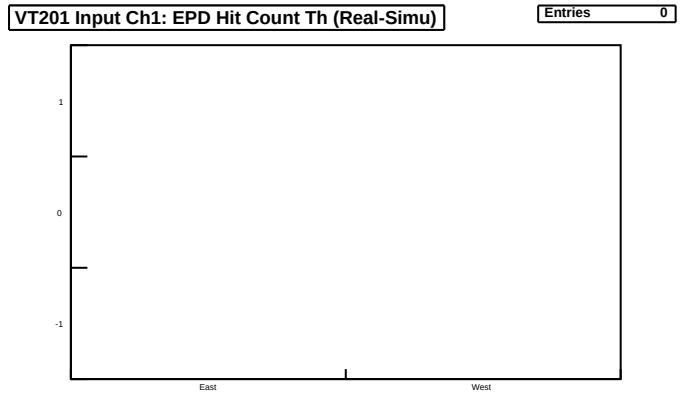

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1399020
422449
617136
277061
82374
East
West

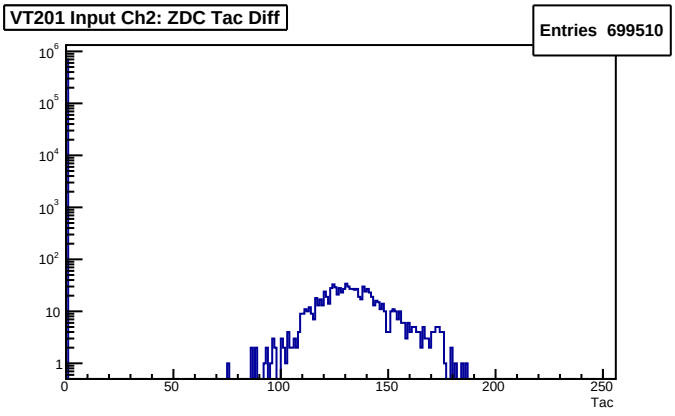

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

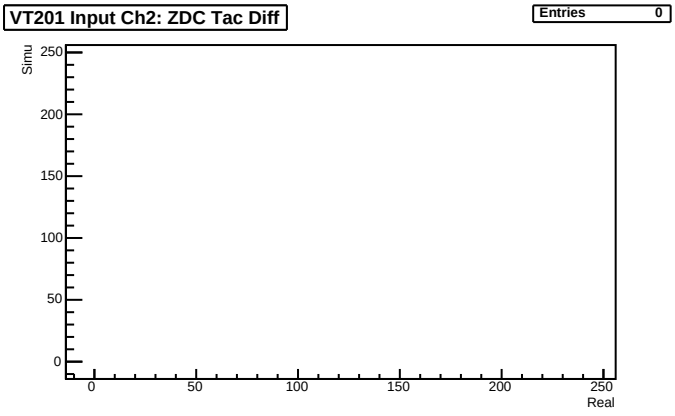

VT201 Input Ch1: EPD Tac Diff
Entries 699510
Tac

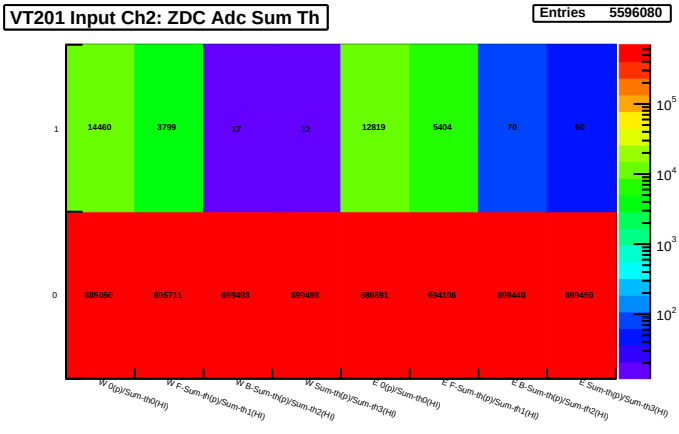

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

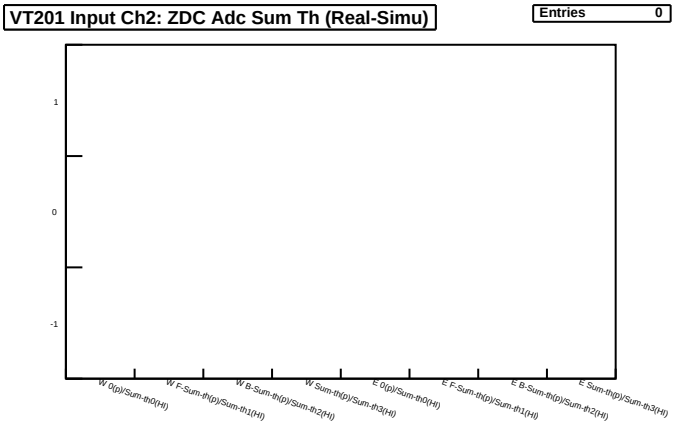

VT201 Input Ch1: EPD Hit Count Th
Entries 1399020
693288
691759
6222
7751
East
West

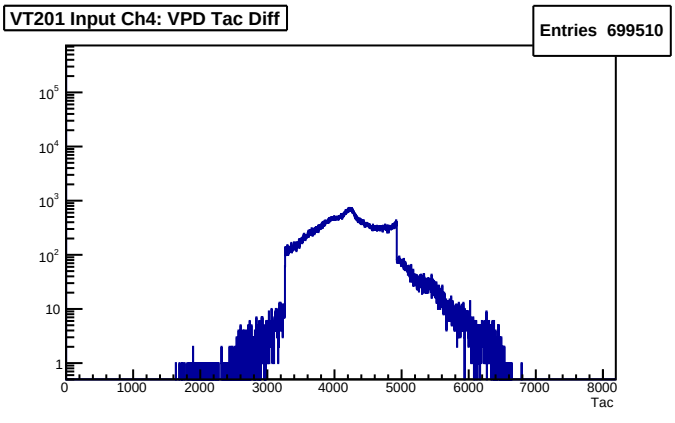

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

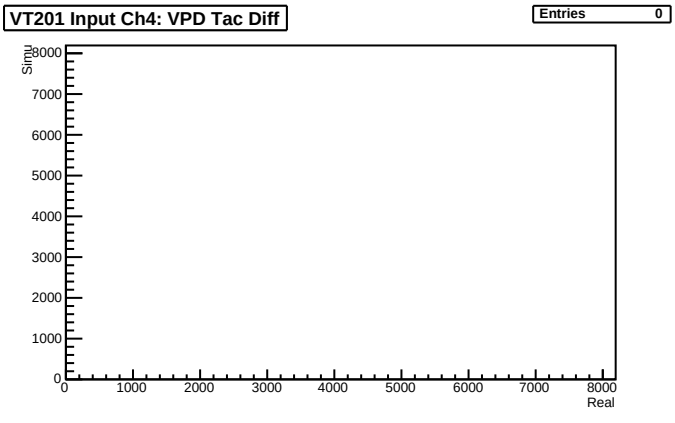

VT201 Input Ch2: ZDC Tac Diff
Entries 699510
Tac

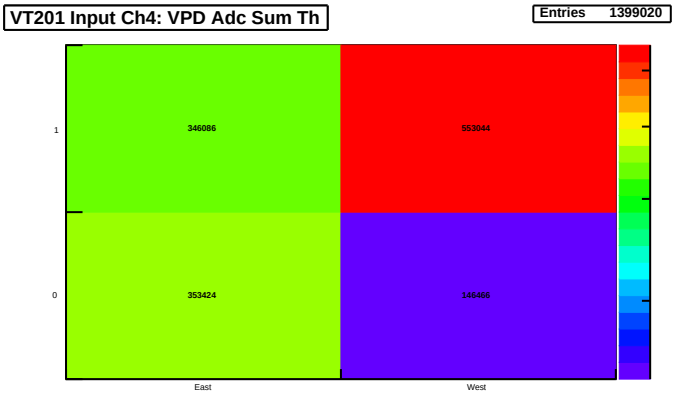

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

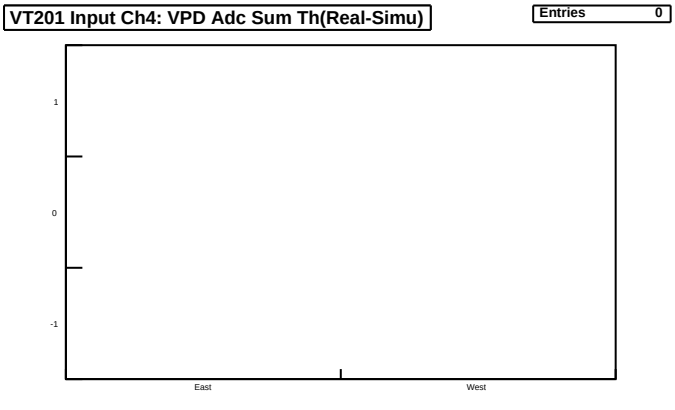

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5596080
14460
3799
17
12
12819
5404
70
60
685050
695711
699493
699498
686691
694106
699440
699450
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

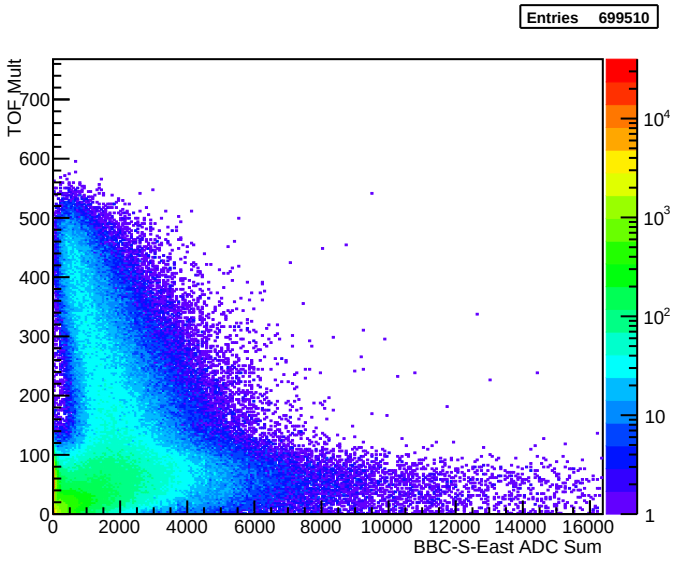

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

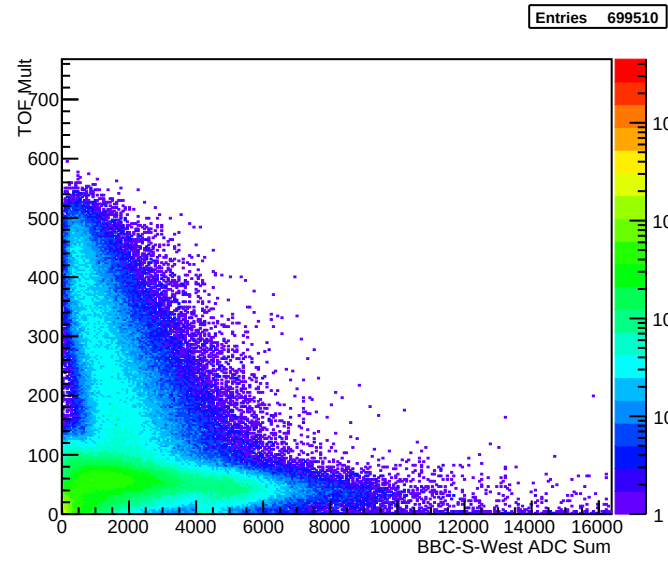

VT201 Input Ch4: VPD Tac Diff
Entries 699510
Tac

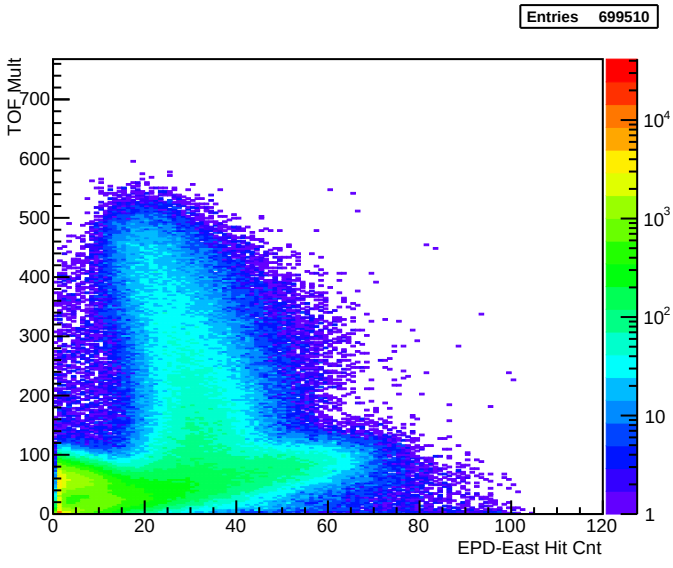

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

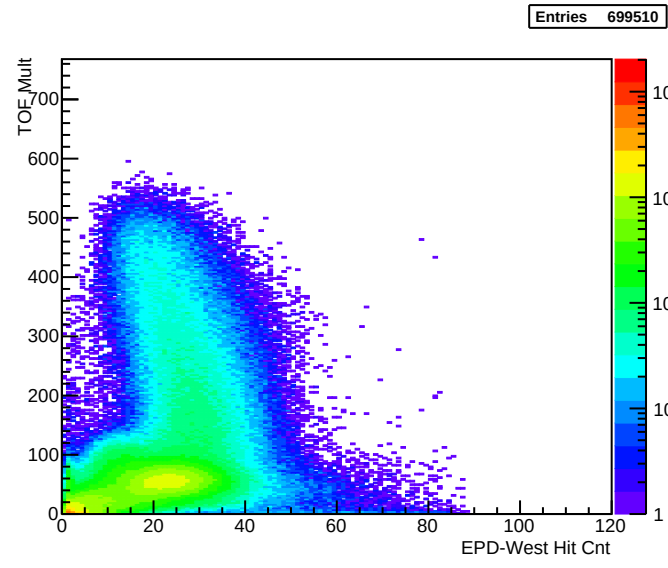

VT201 Input Ch4: VPD Adc Sum Th
Entries 1399020
346086
553044
353424
146466
East
West

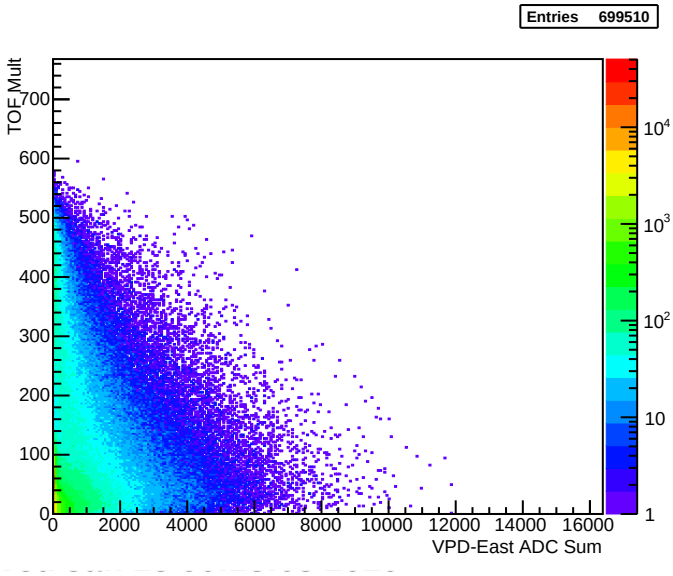

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

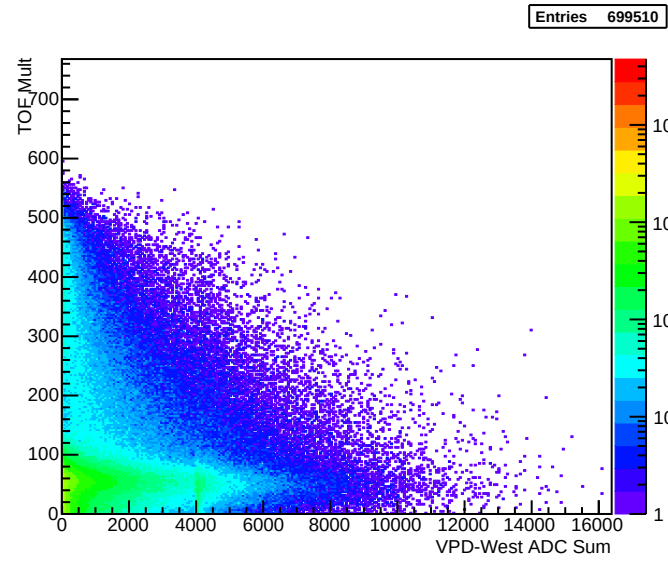

Entries 699510
TOF_Mult
BBC-S-East ADC Sum

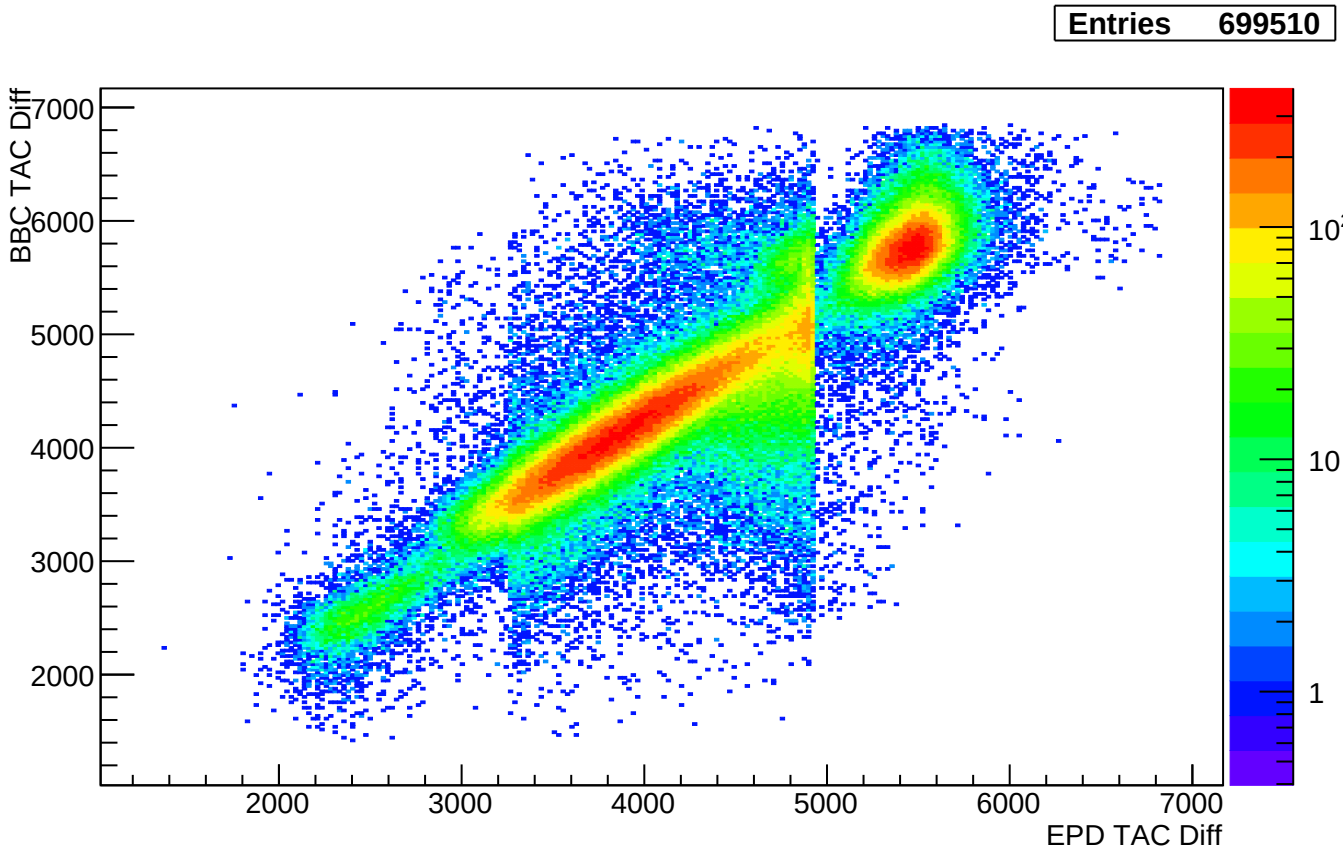

Entries 699510
TOF_Mult
BBC-S-West ADC Sum

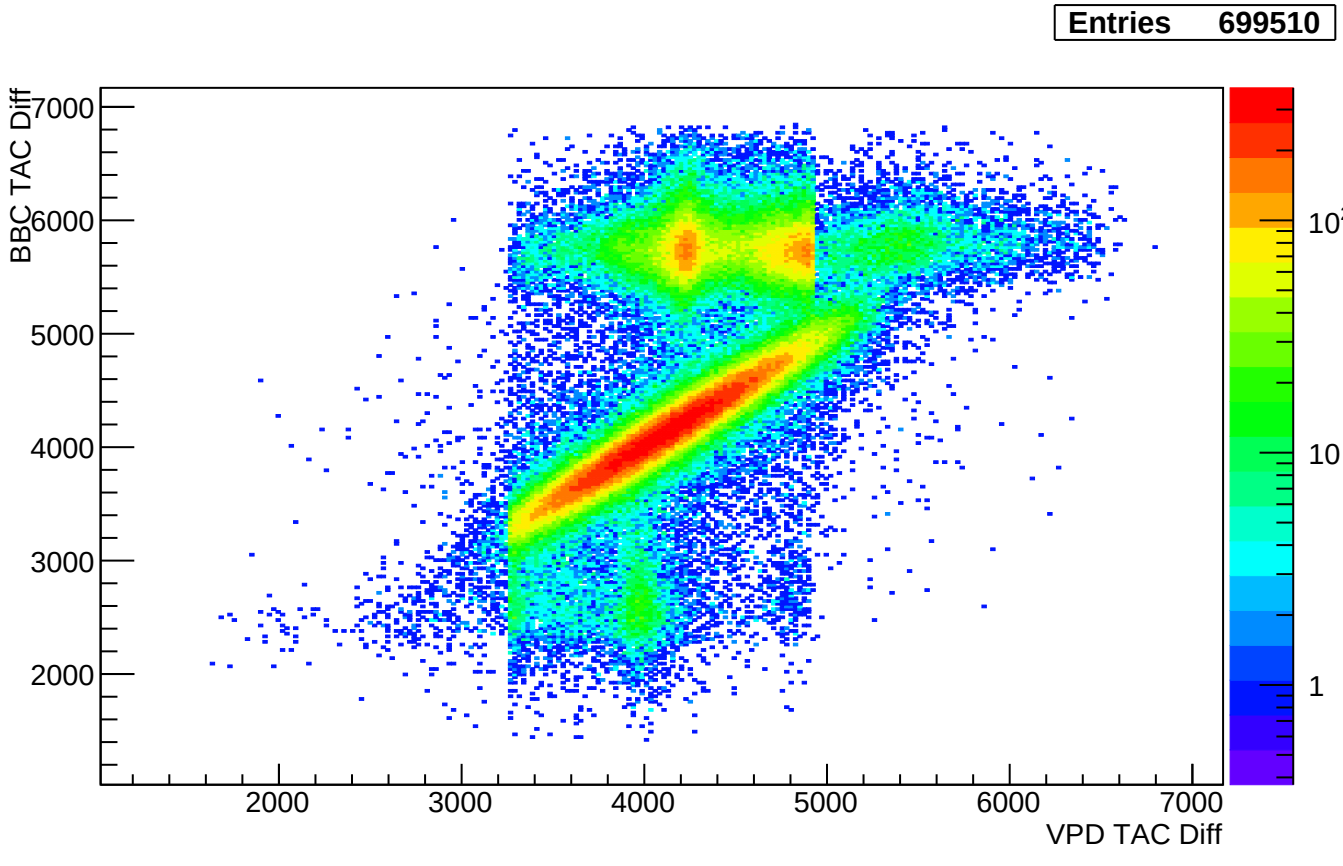

Entries 699510
TOF_Mult
EPD-East Hit Cnt

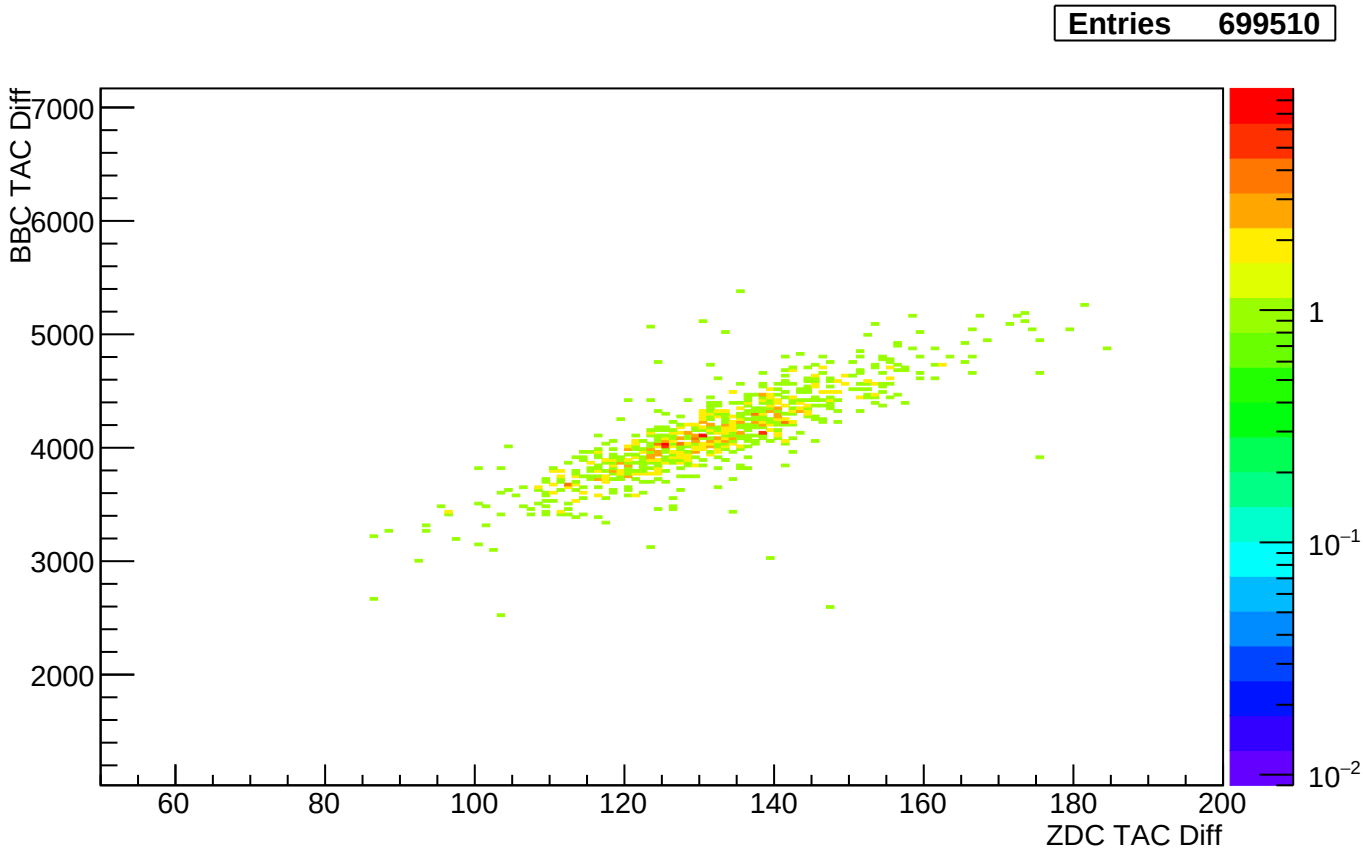

Entries 699510
TOF_Mult
EPD-West Hit Cnt

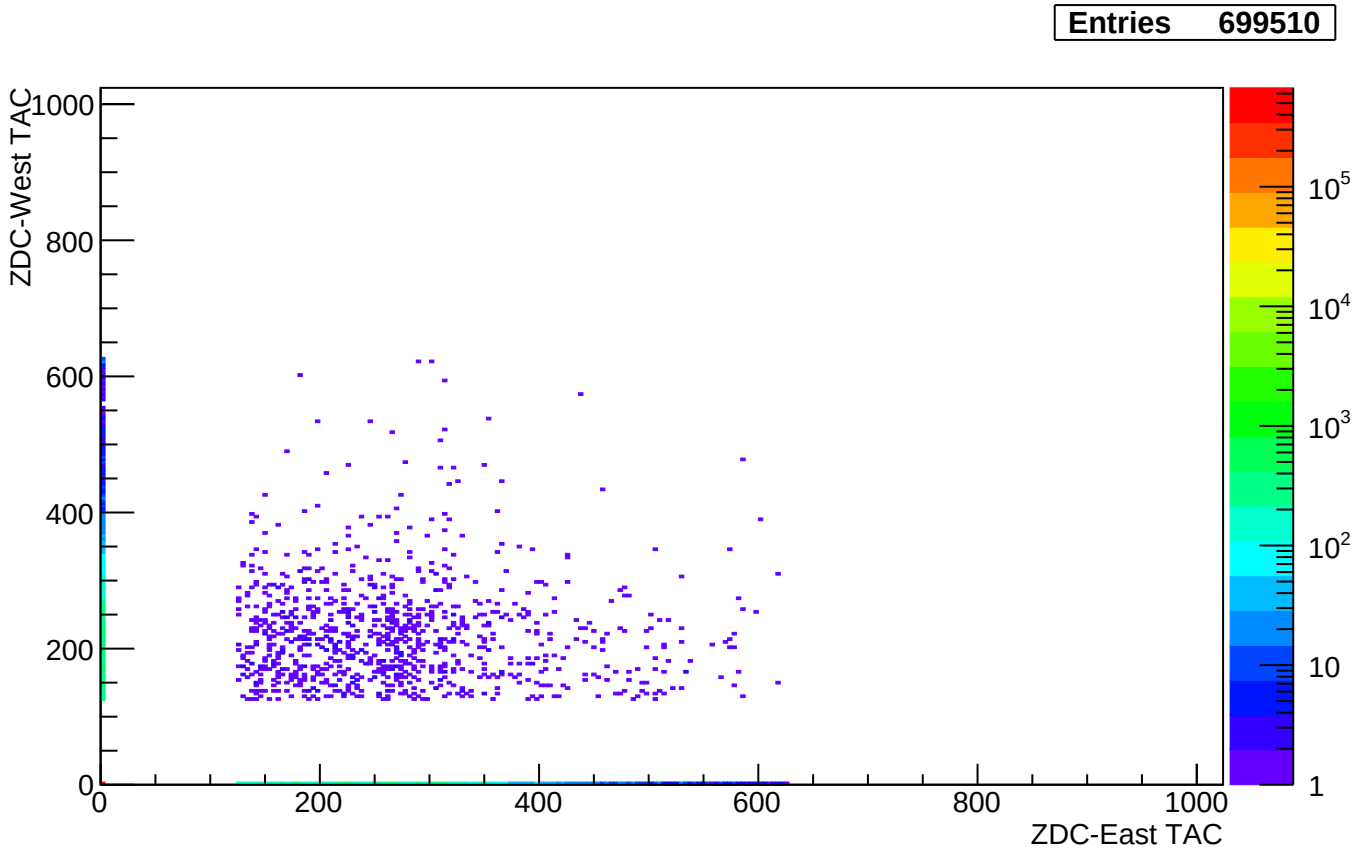

Entries 699510
TOF_Mult
VPD-East ADC Sum

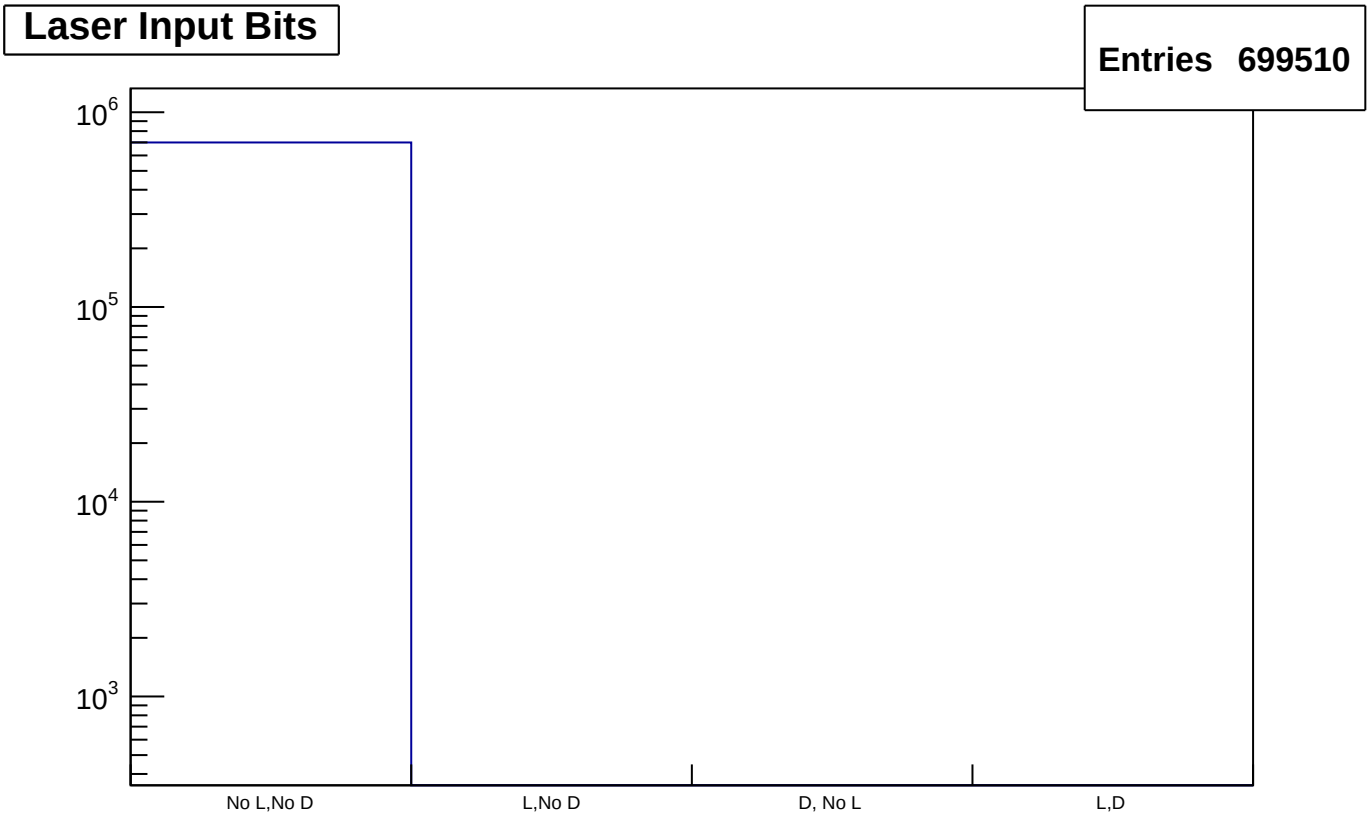

Entries 699510
TOF_Mult
VPD-West ADC Sum

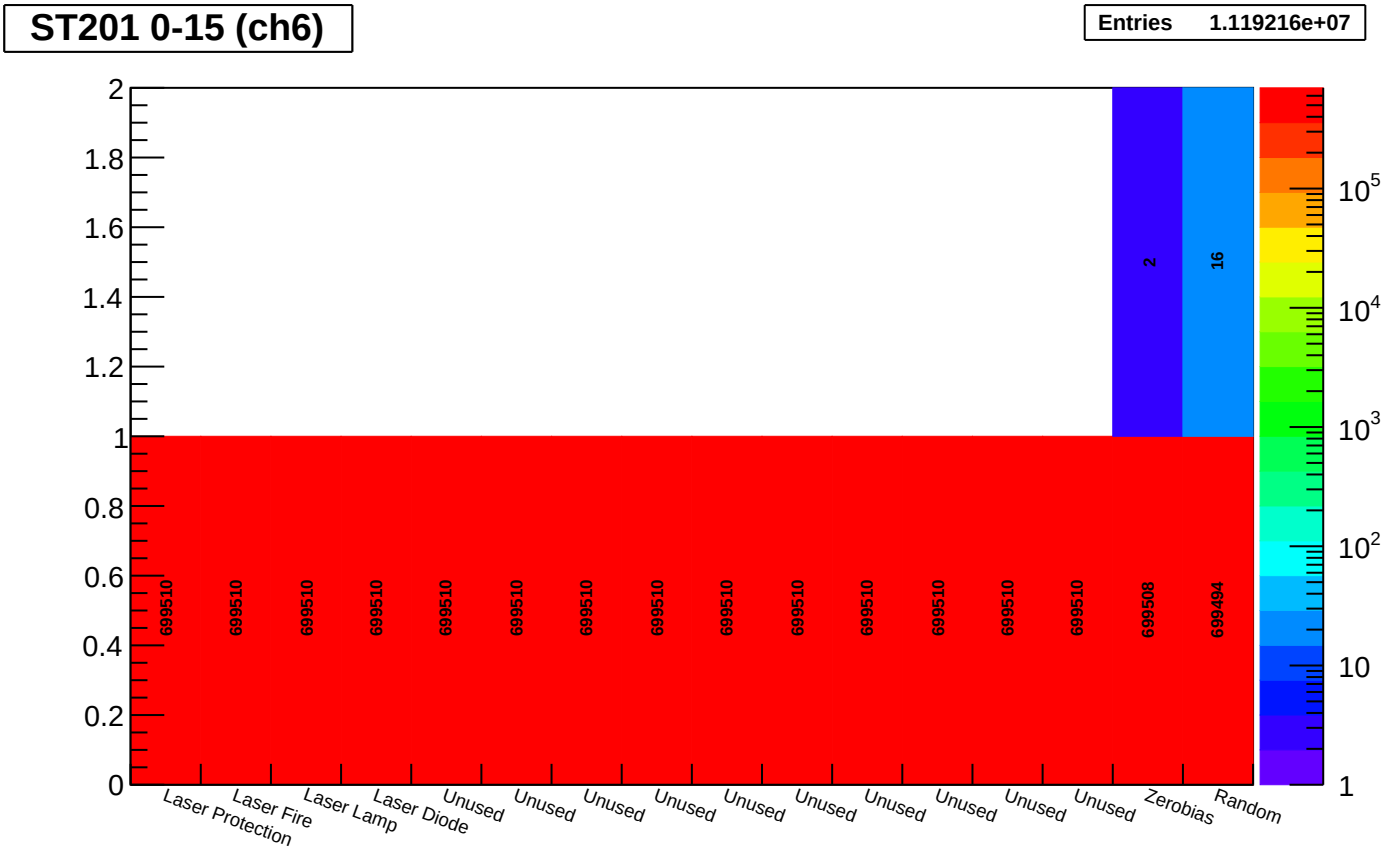

Entries 699510
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

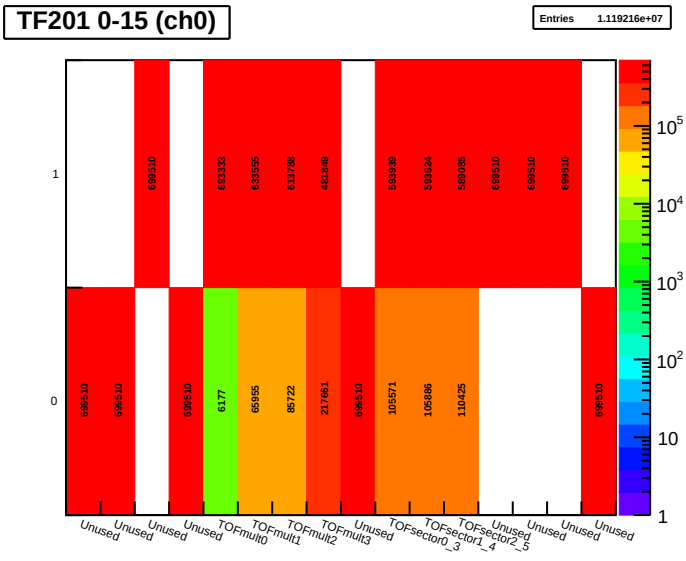

Entries 699510
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

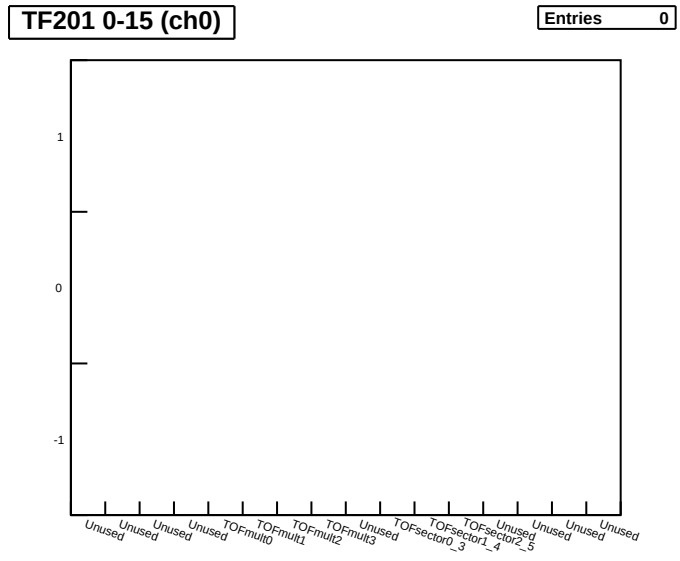

Entries 699510
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

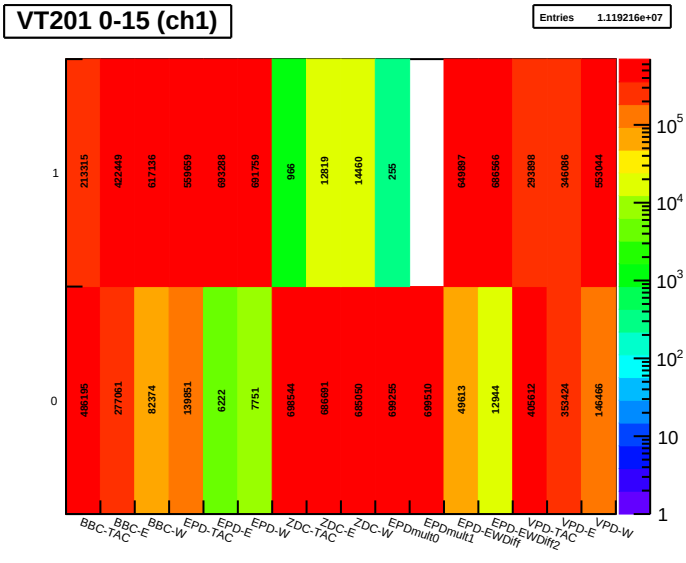

Entries 699510
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

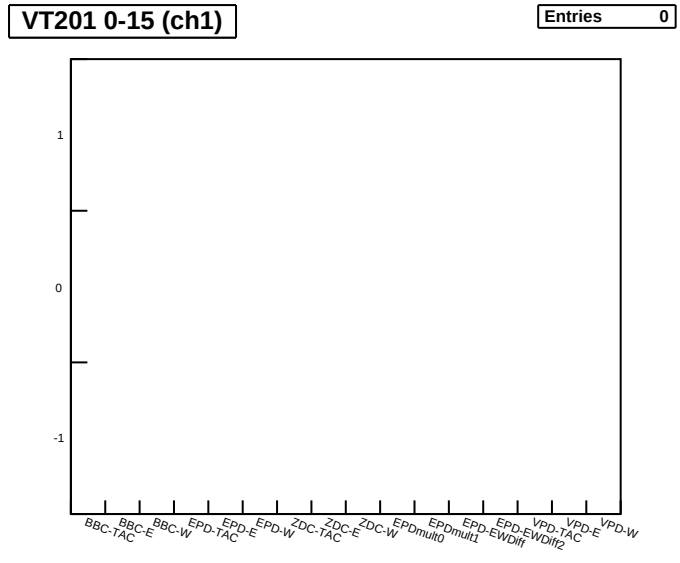

Laser Input Bits
Entries 699510
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

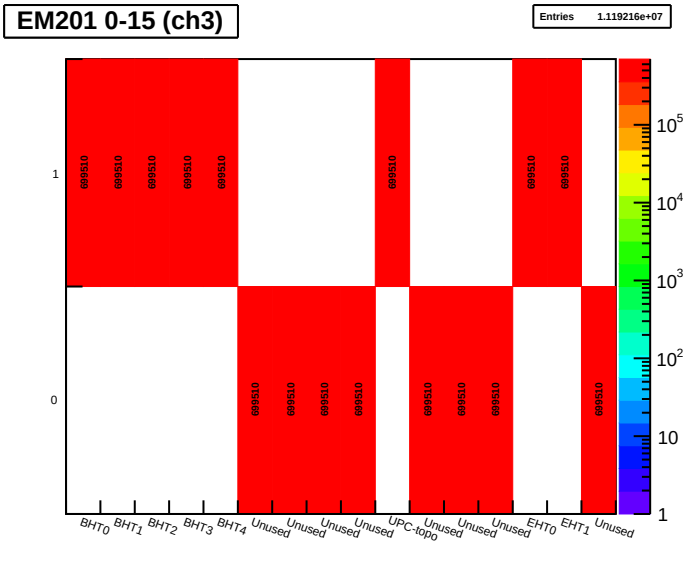

ST201 0-15 (ch6)
Entries 1.119216e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
699510
699510
699510
699510
699510
699510
699510
699510
699510
699510
699510
699510
699510
699510
699508
699494
2
16
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

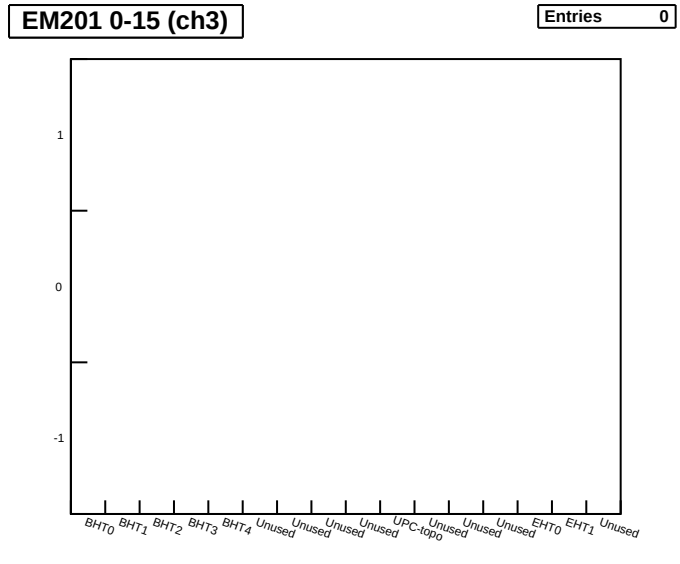

TF201 0-15 (ch0)
Entries 1.119216e+07
1
0
699510
633333
633555
613788
481849
503939
503624
589065
699510
699510
699510
699510
699510
6177
65955
85722
217661
699510
105571
105886
110425
699510
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 1.119216e+07
1
0
213315
422449
617136
559659
693288
691759
966
12819
14460
255
649897
686566
293898
346086
553044
486195
277061
82374
139851
6222
7751
698544
686691
685050
699255
699510
49613
12944
405612
353424
146466
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 1.119216e+07
1
0
699510
699510
699510
699510
699510
699510
699510
699510
699510
699510
699510
699510
699510
699510
699510
699510
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1