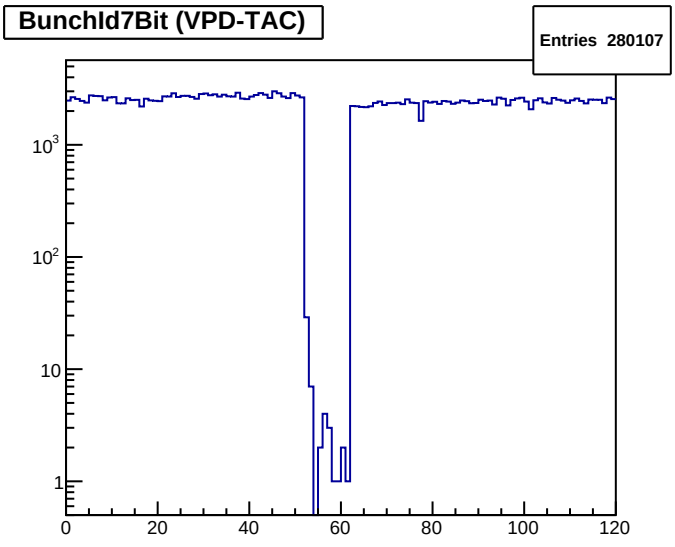
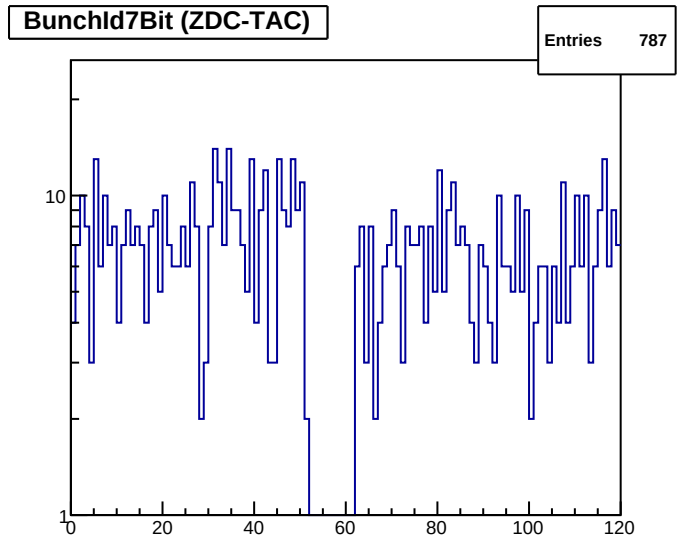
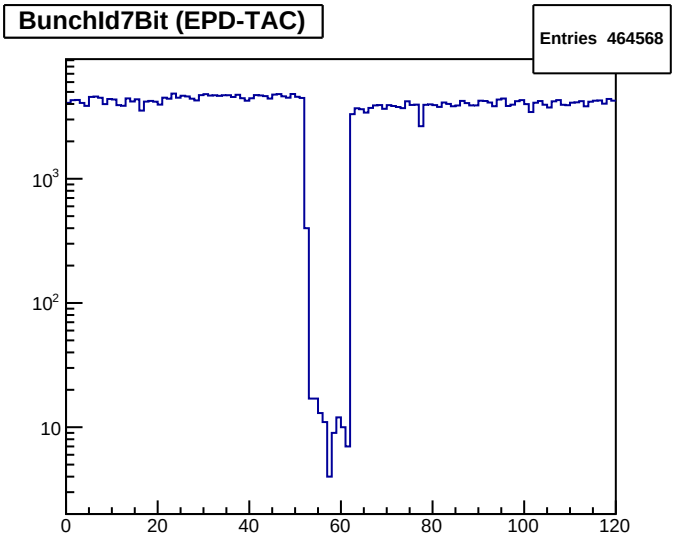
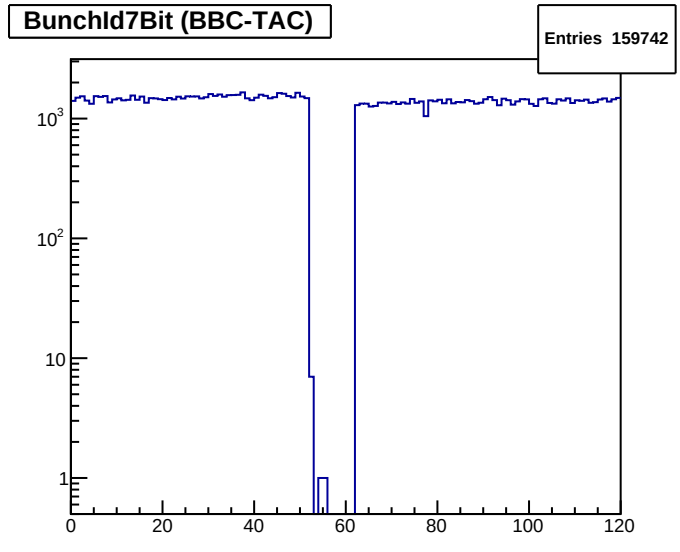
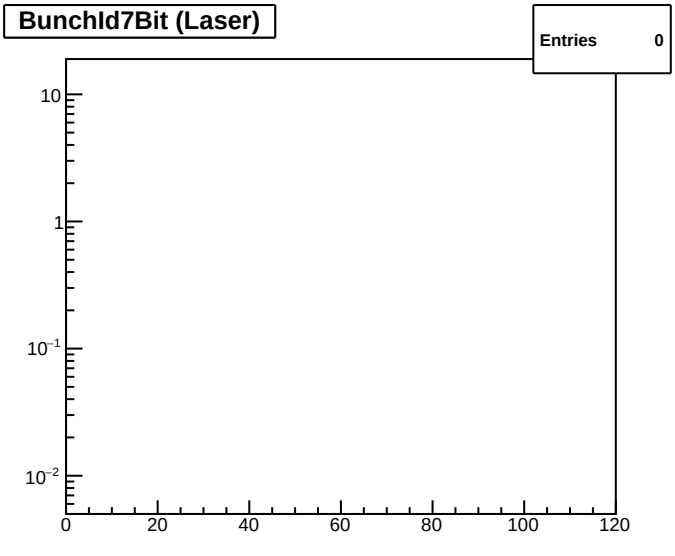
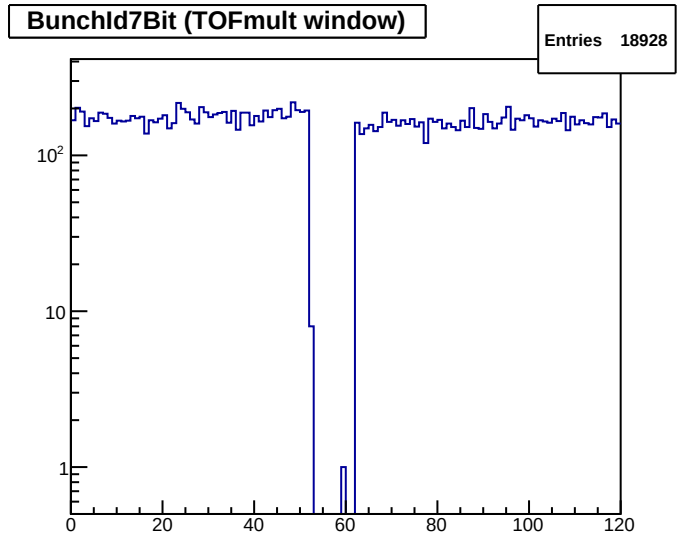

BunchId7Bit (VPD-TAC)
Entries 280107

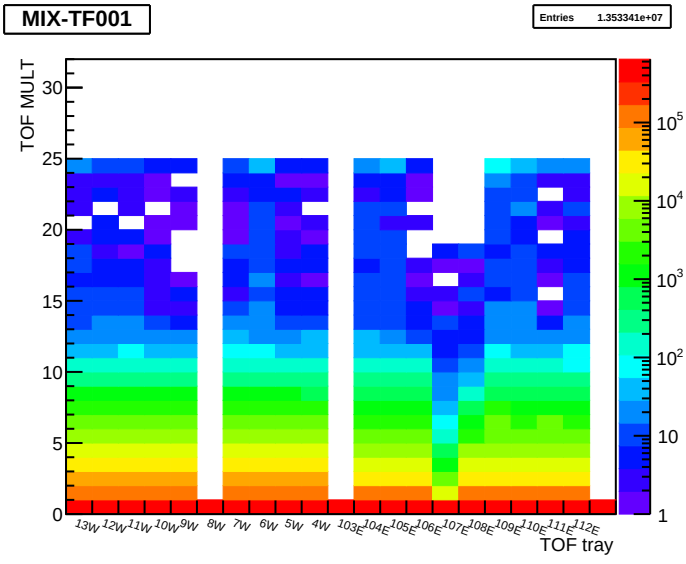

BunchId7Bit (ZDC-TAC)
Entries 787

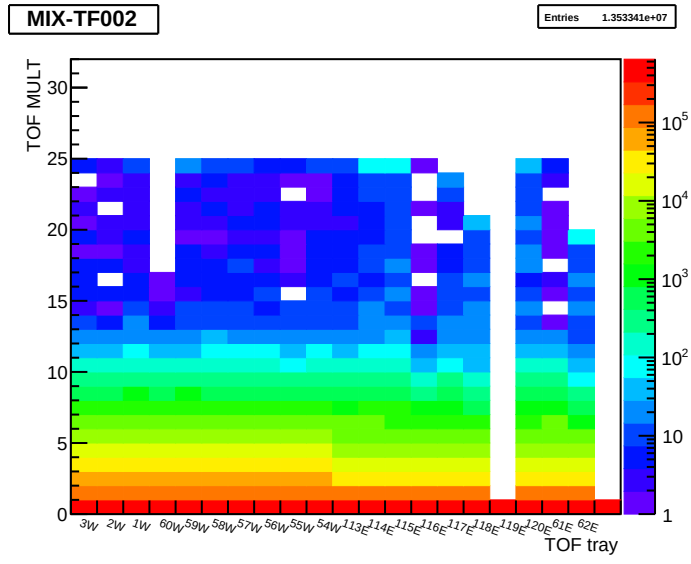

BunchId7Bit (EPD-TAC)
Entries 464568

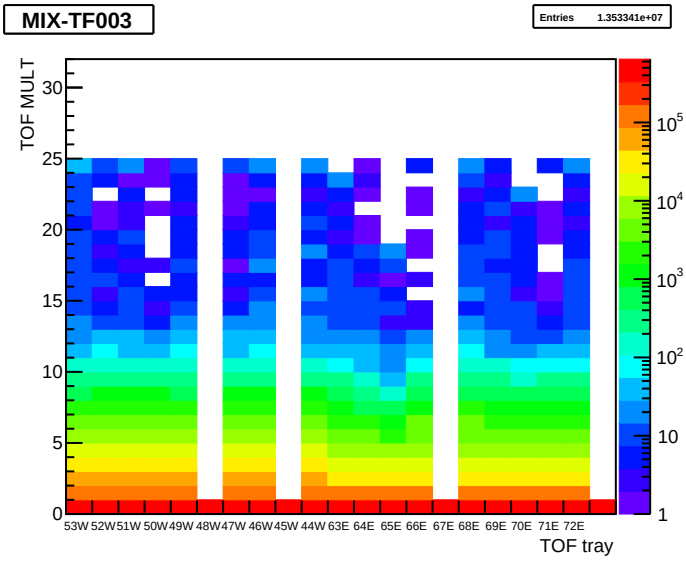

BunchId7Bit (BBC-TAC)
Entries 159742

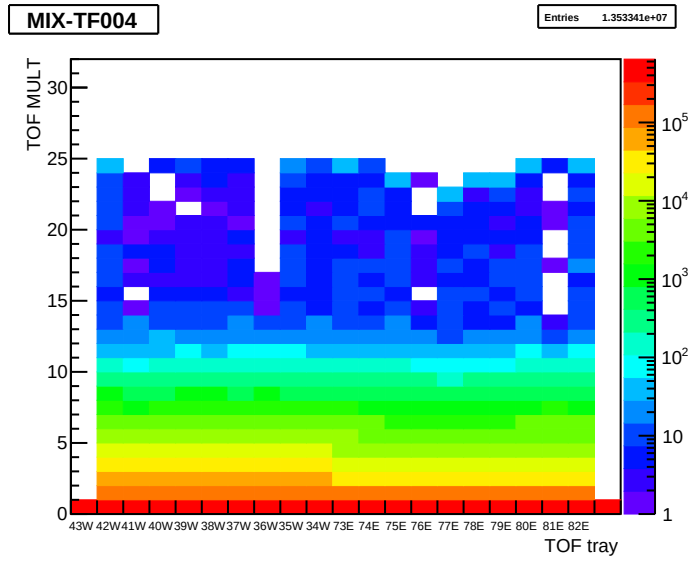

BunchId7Bit (Laser)
Entries 0

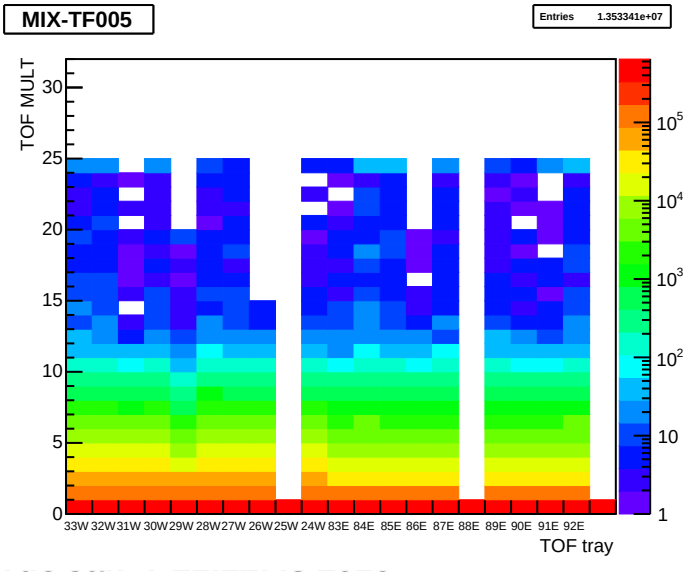

BunchId7Bit (TOFmult window)
Entries 18928

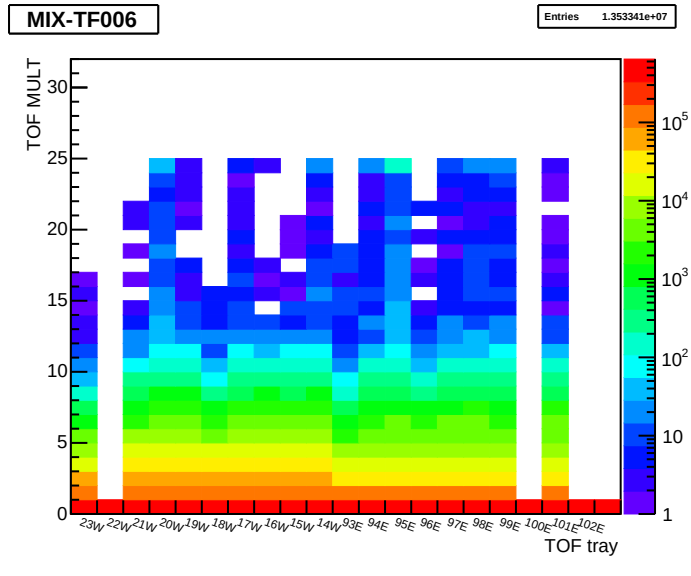

MIX-TF001
Entries 1.353341e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

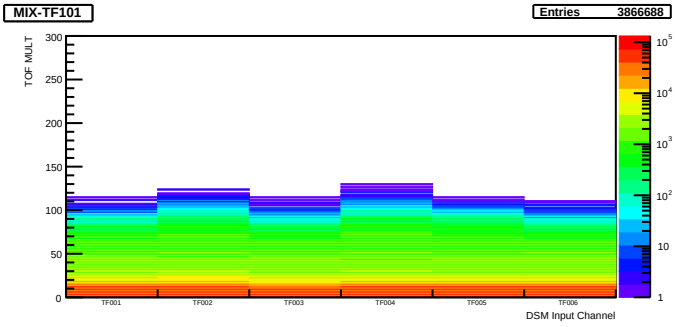

MIX-TF002
Entries 1.353341e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

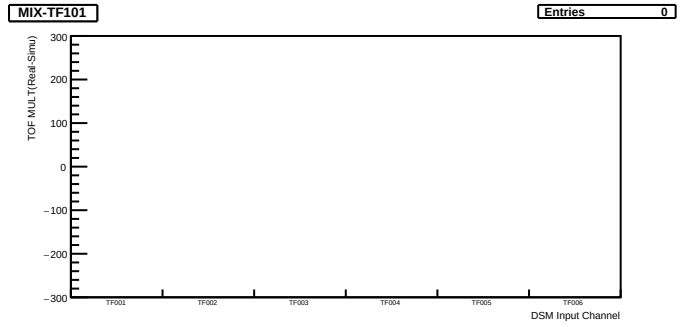

MIX-TF003
Entries 1.353341e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

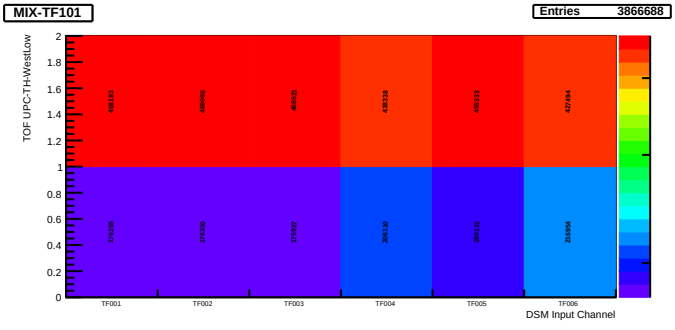

MIX-TF004
Entries 1.353341e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

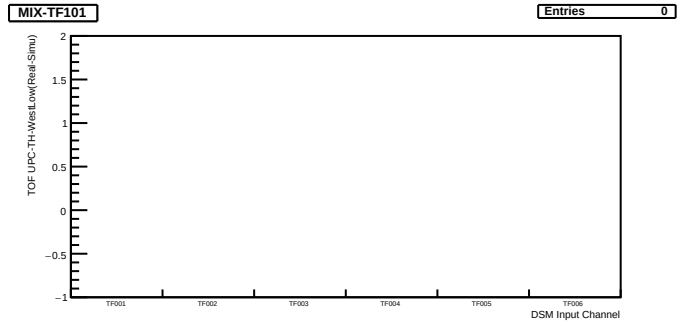

MIX-TF005
Entries 1.353341e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

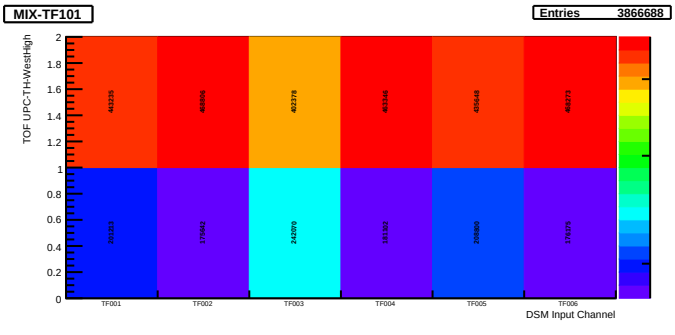

MIX-TF006
Entries 1.353341e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

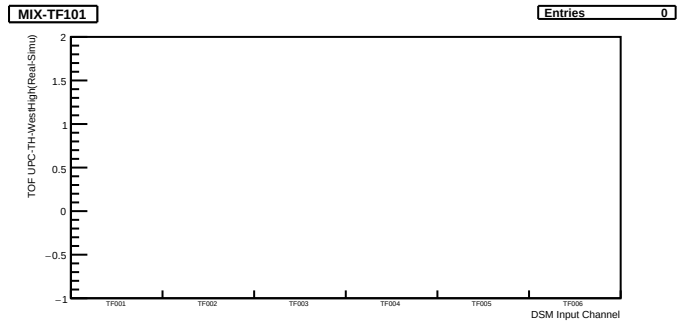

MIX-TF101
Entries 3866688
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

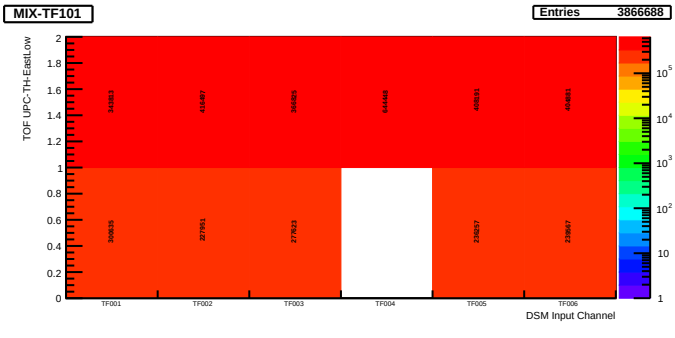

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

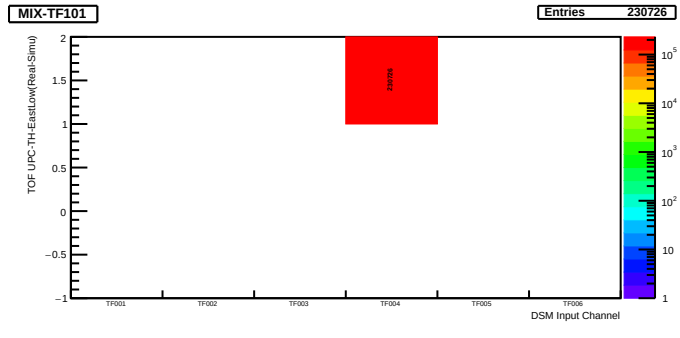

MIX-TF101
Entries 3866688
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

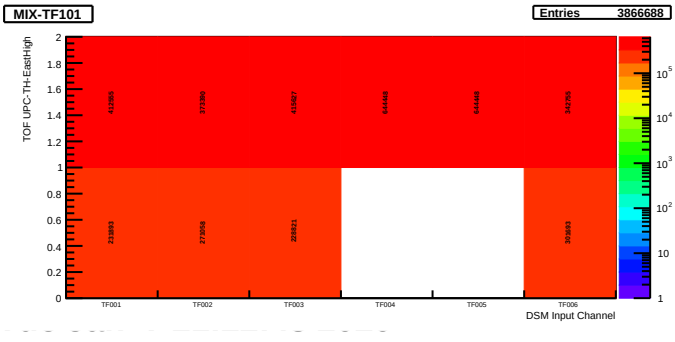

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

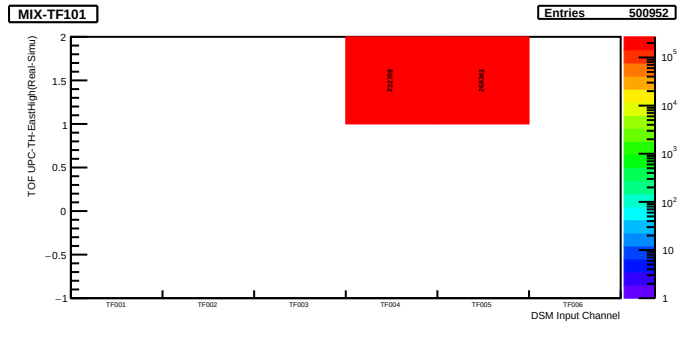

MIX-TF101
Entries 3866688
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

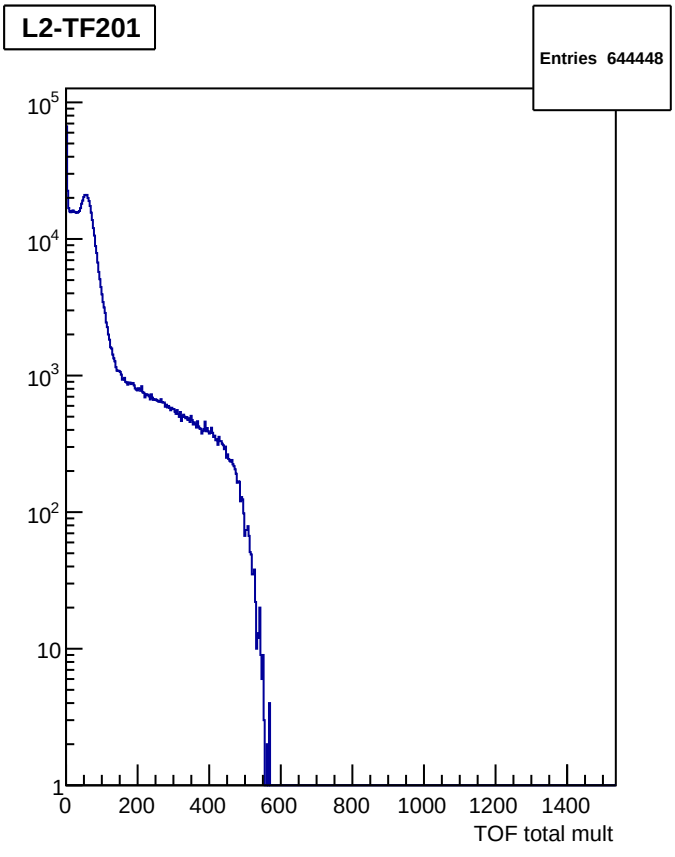

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

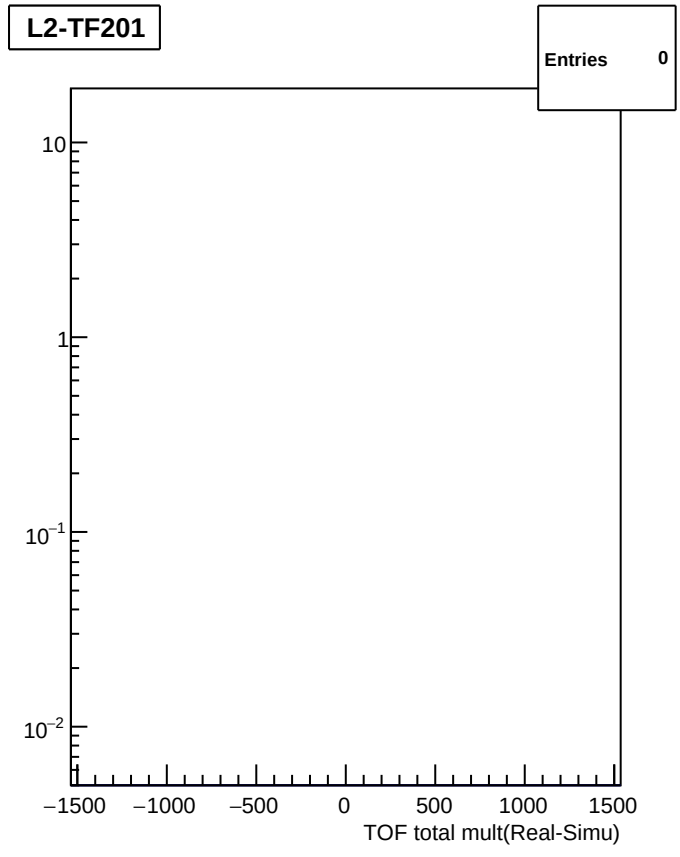

MIX-TF101
Entries 3866688
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

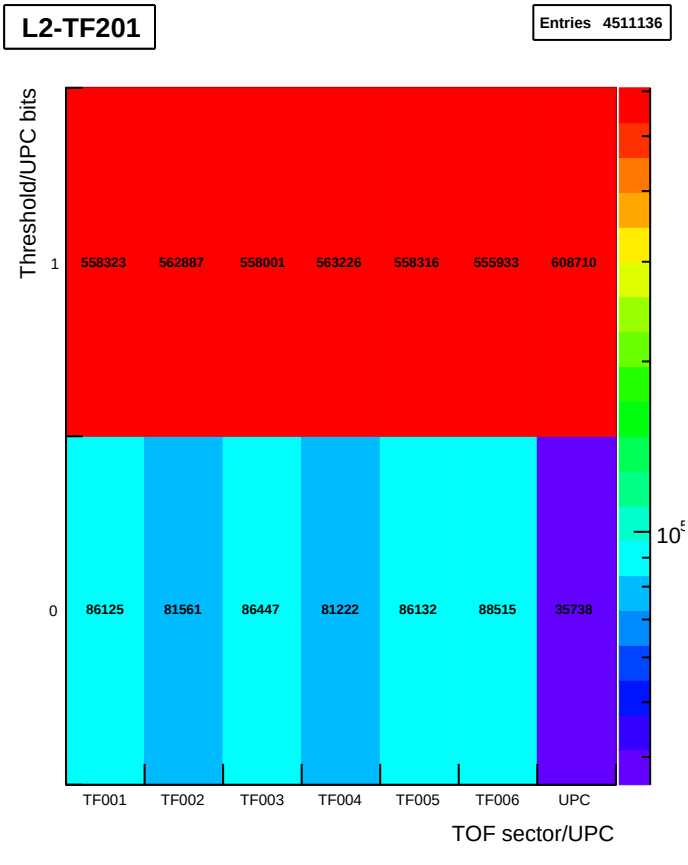

MIX-TF101
Entries 230726
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

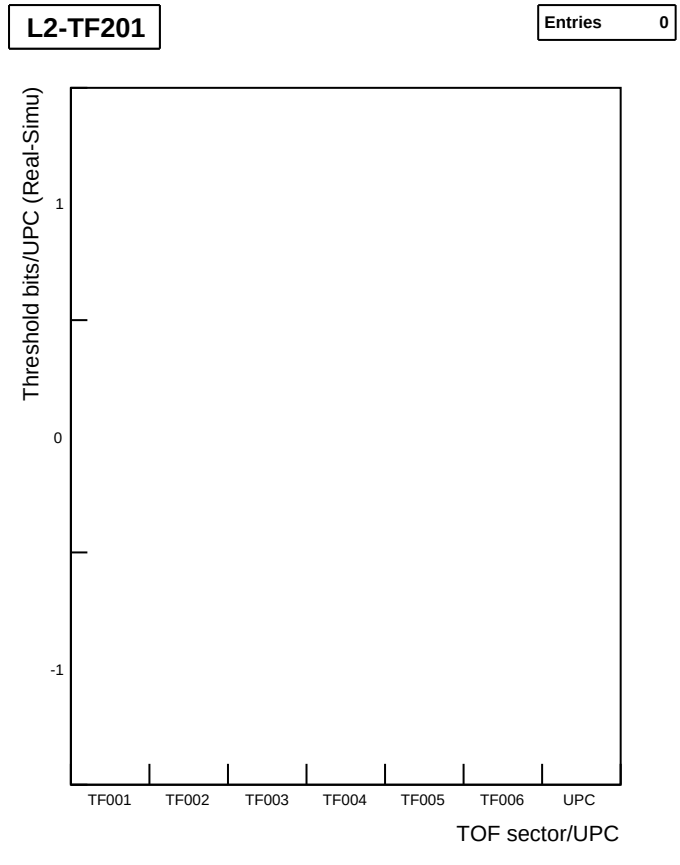

MIX-TF101
Entries 3866688
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

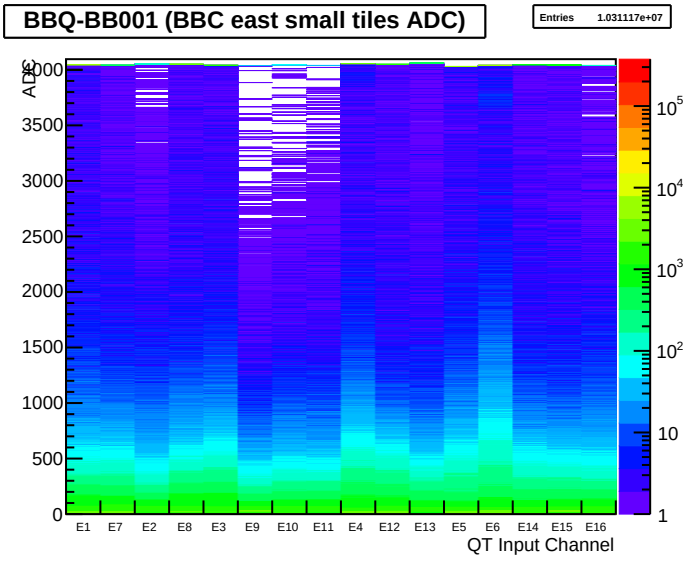

MIX-TF101
Entries 500952
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

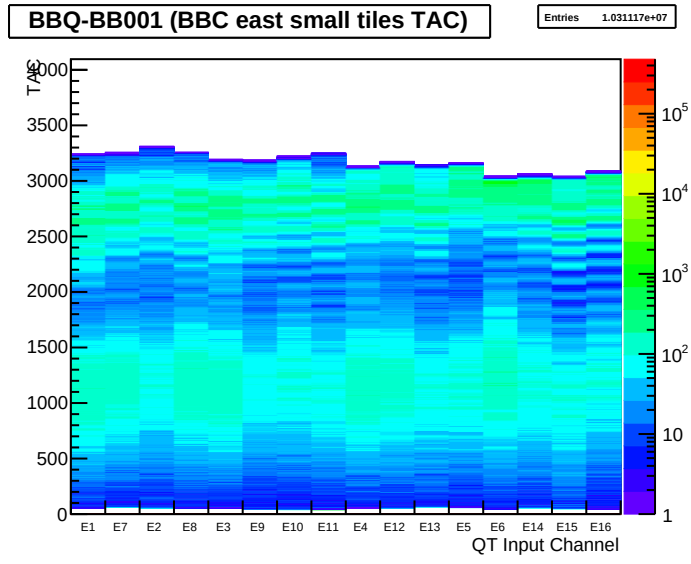

L2-TF201
Entries 644448
TOF total mult

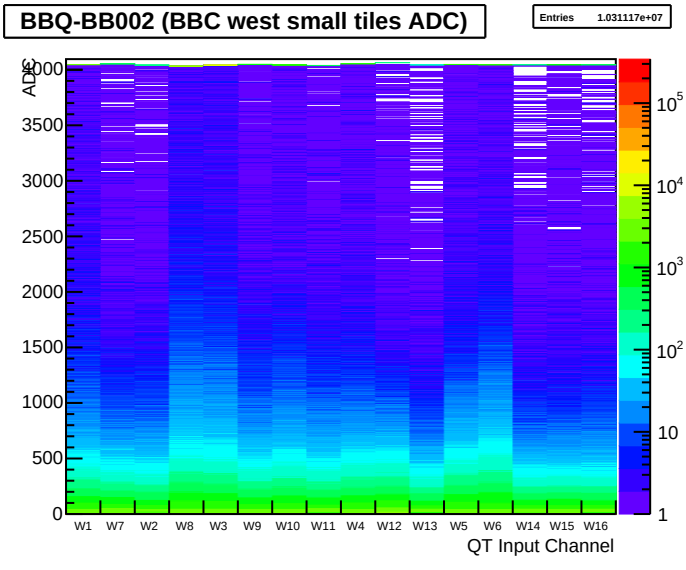

L2-TF201
Entries 0
TOF total mult(Real-Simu)

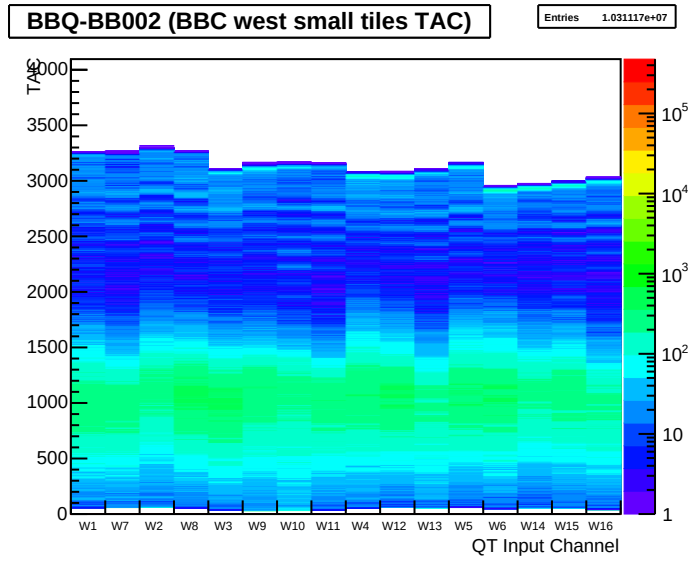

L2-TF201
Entries 4511136
Threshold/UPC bits
558323
562887
558001
563226
558316
555933
608710
86125
81561
86447
81222
86132
88515
35738
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

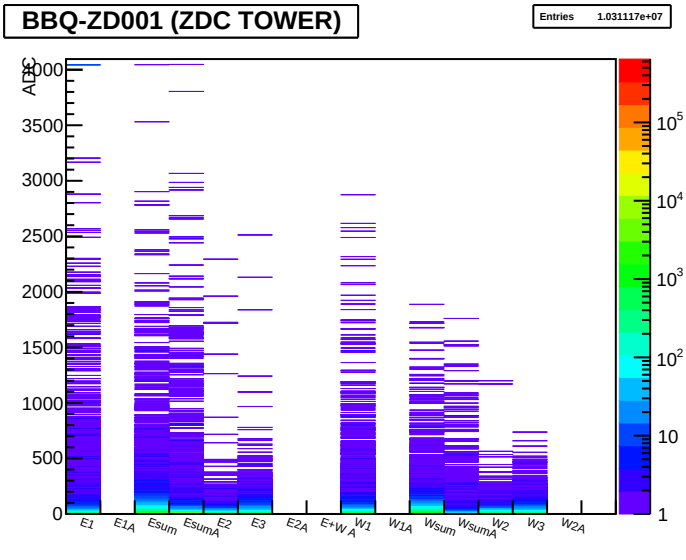

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

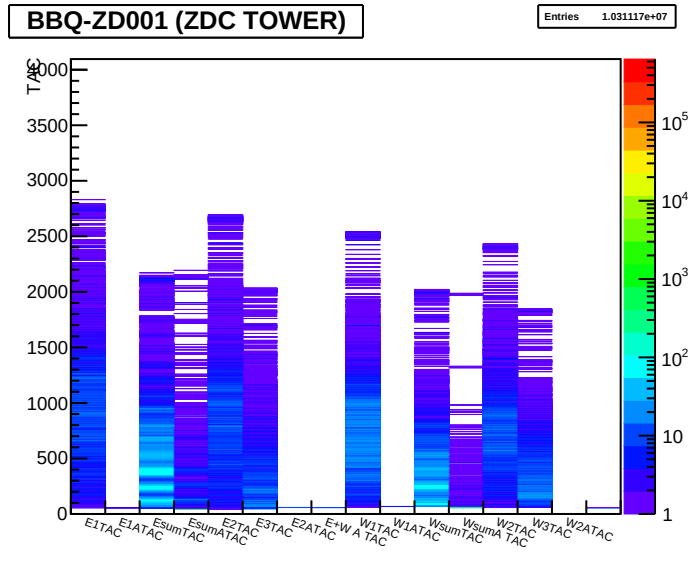

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.031117e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

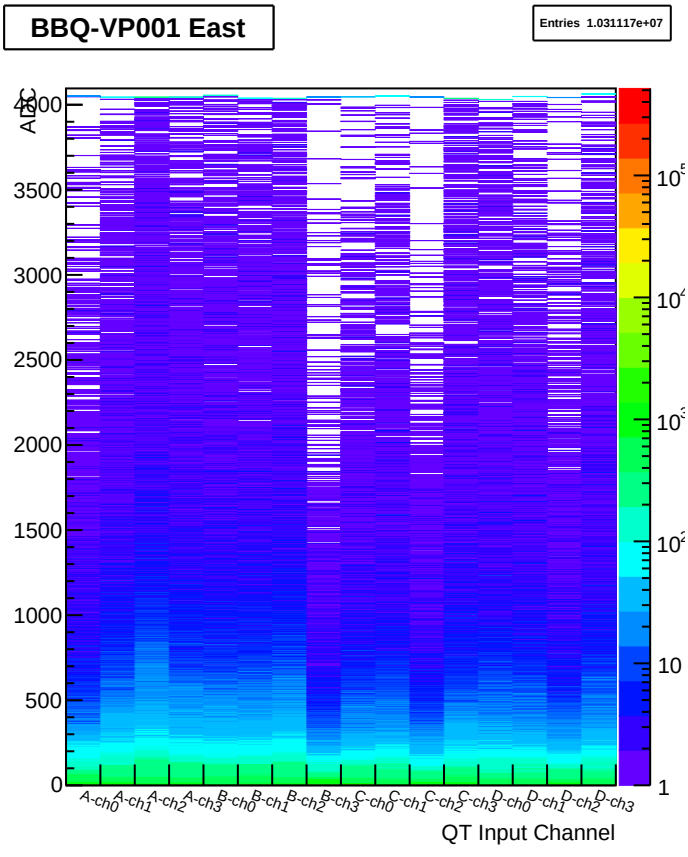

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.031117e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

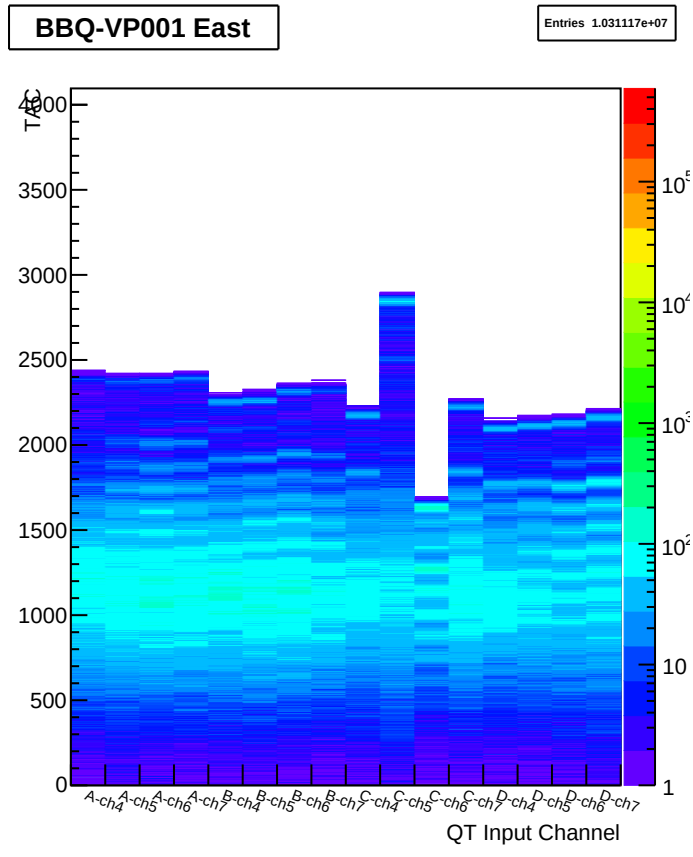

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.031117e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

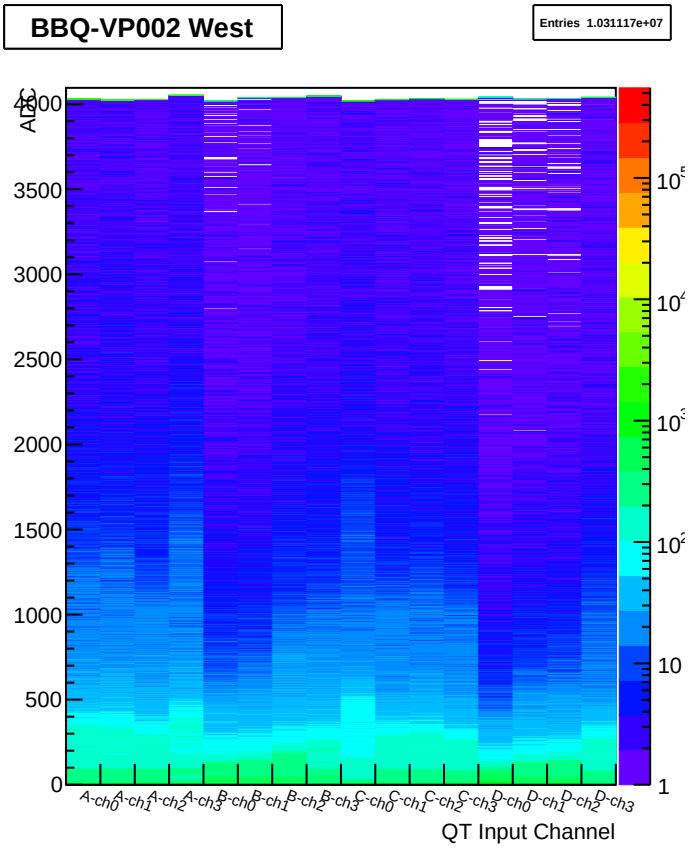

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.031117e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

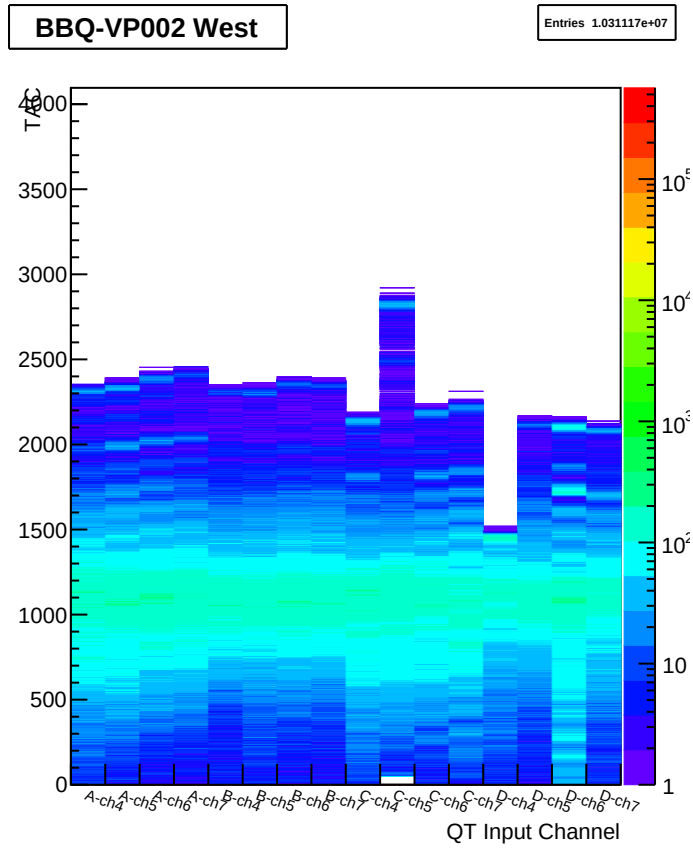

BBQ-ZD001 (ZDC TOWER)
Entries 1.031117e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

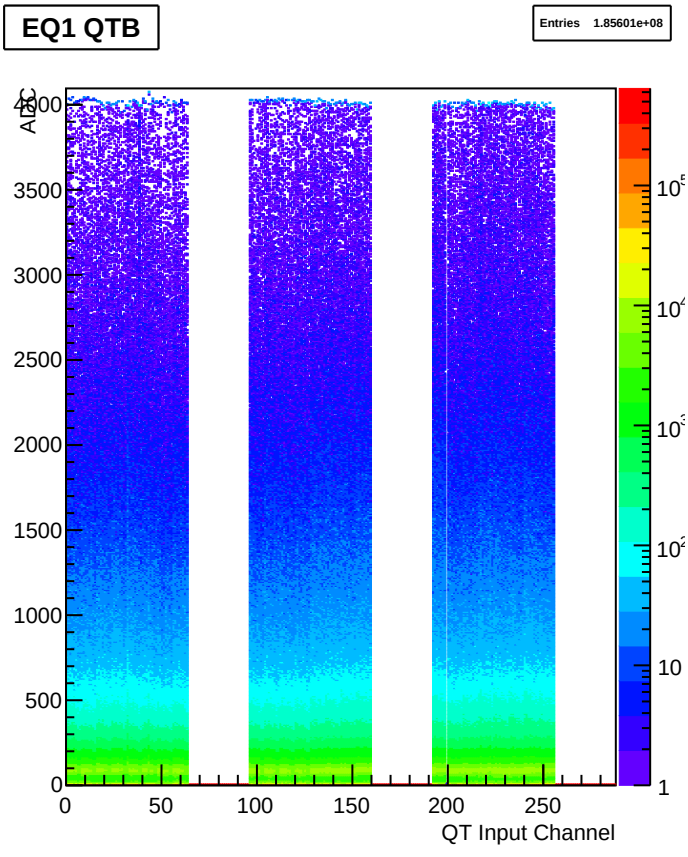

BBQ-ZD001 (ZDC TOWER)
Entries 1.031117e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

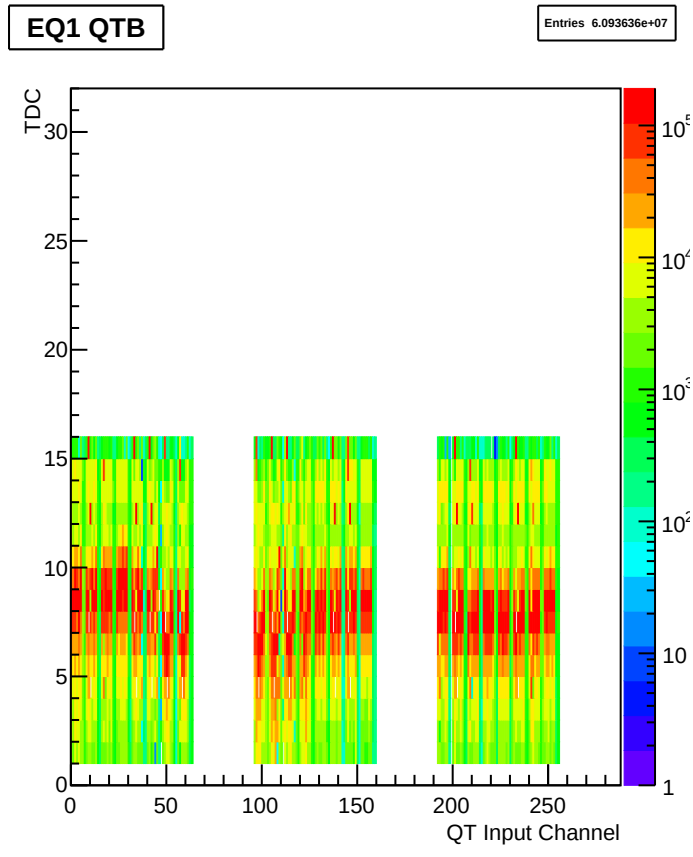

BBQ-VP001 East
Entries 1.031117e+07
ADC
QT Input Channel

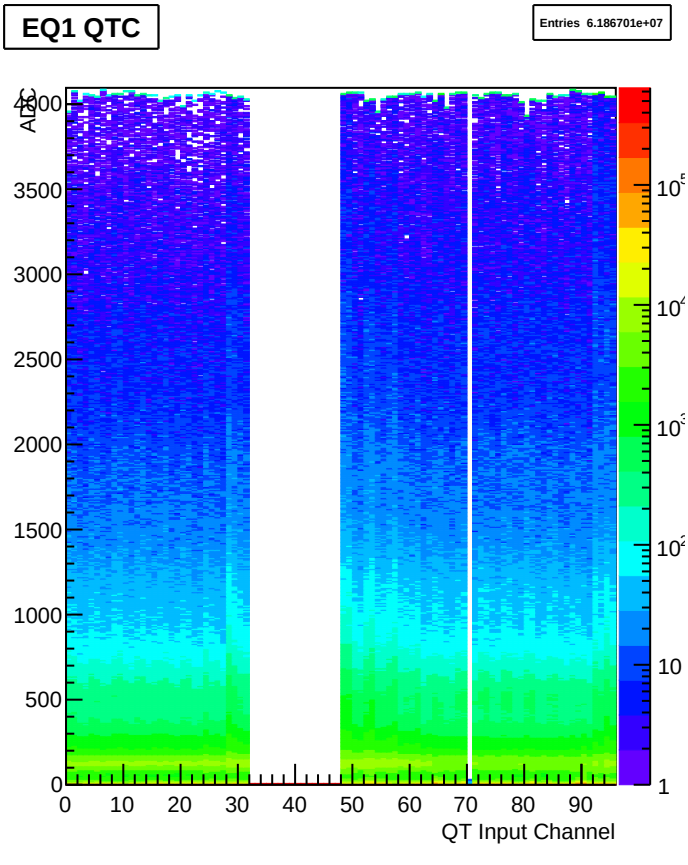

BBQ-VP001 East
Entries 1.031117e+07
TADC
QT Input Channel

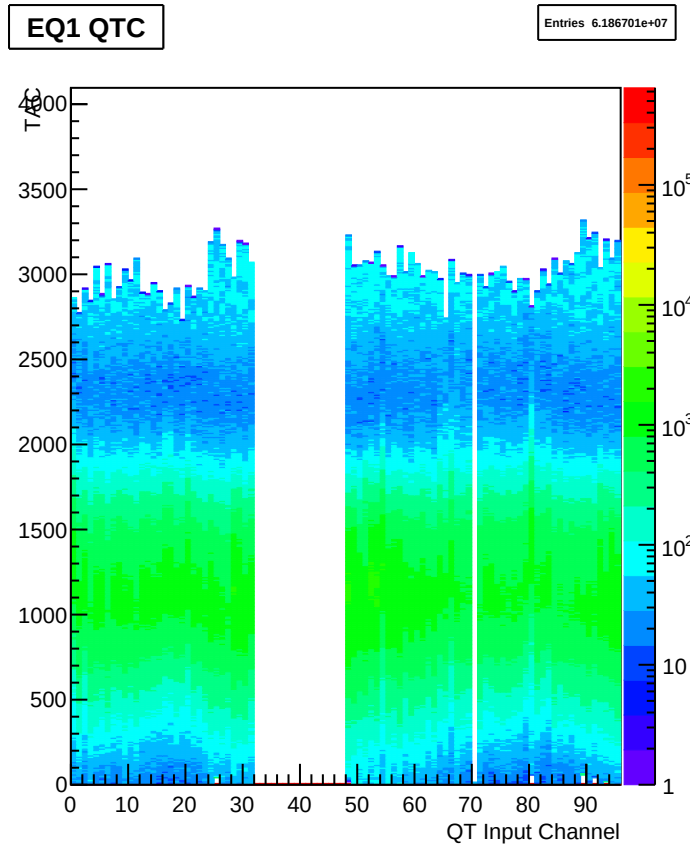

BBQ-VP002 West
Entries 1.031117e+07
ADC
QT Input Channel

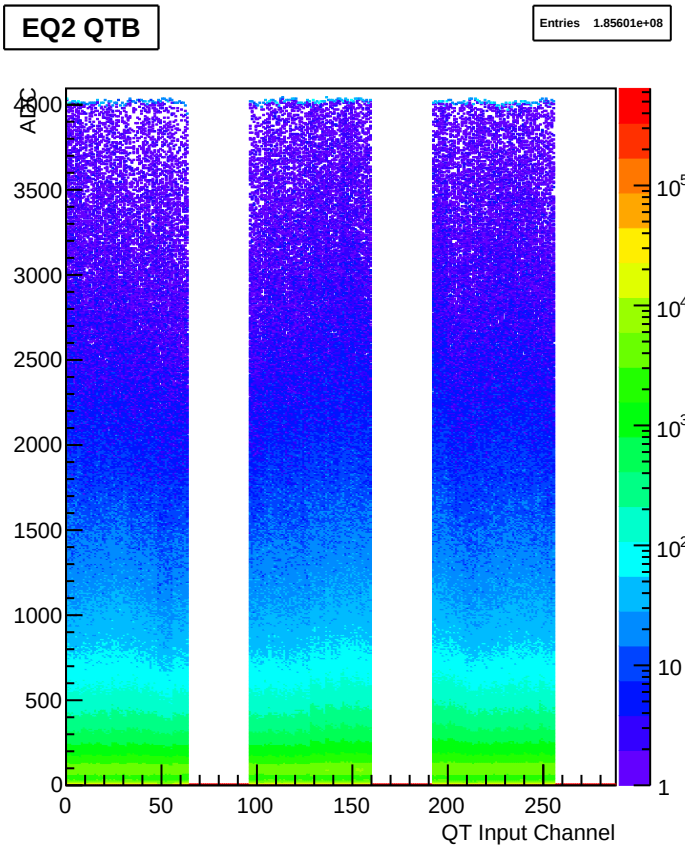

BBQ-VP002 West
Entries 1.031117e+07
TADC
QT Input Channel

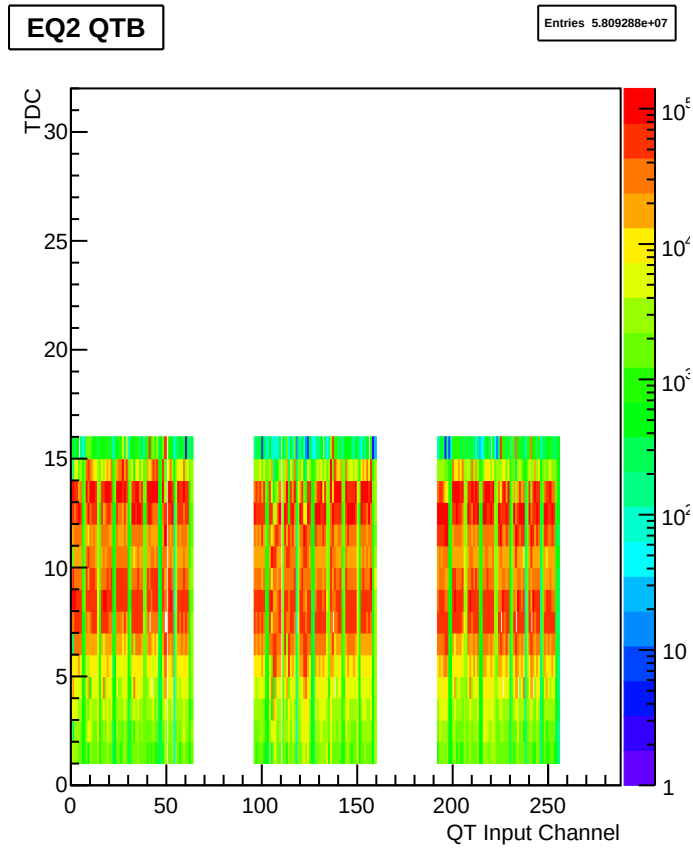

EQ1 QTB
Entries 1.85601e+08
ADC
QT Input Channel

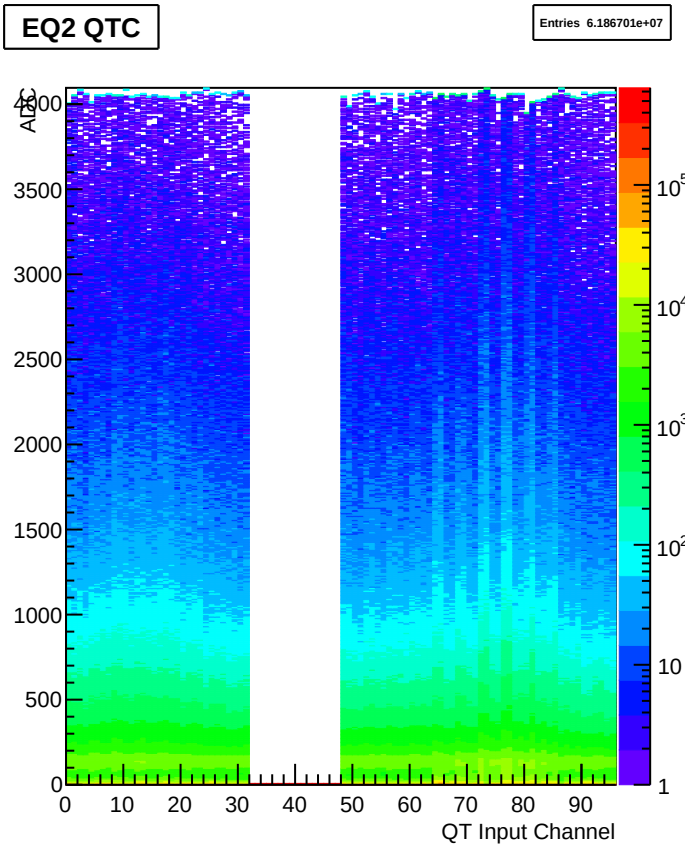

EQ1 QTB
Entries 6.093636e+07
TDC
QT Input Channel

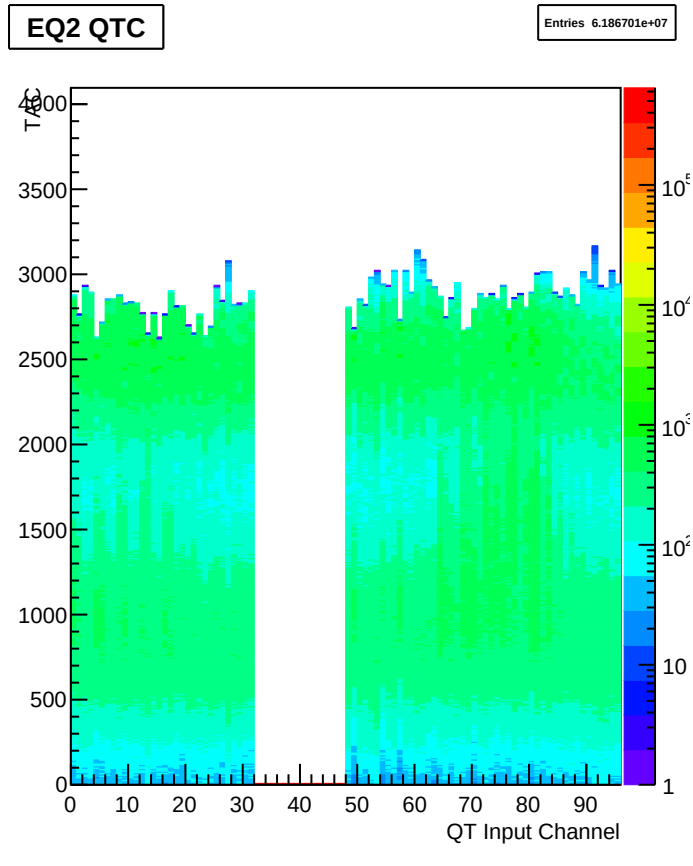

EQ1 QTC
Entries 6.186701e+07
ADC
QT Input Channel

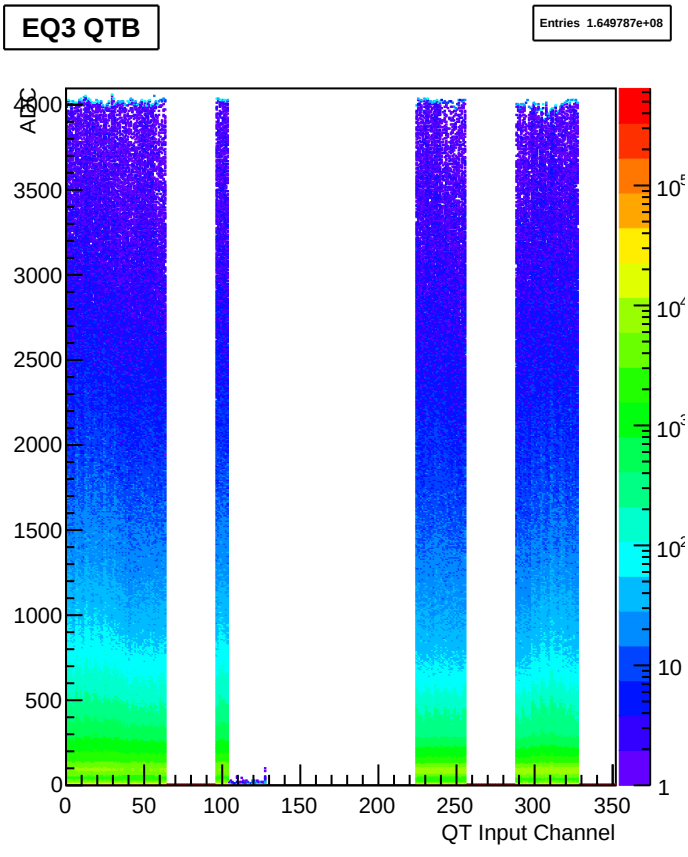

EQ1 QTC
Entries 6.186701e+07
TADC
QT Input Channel

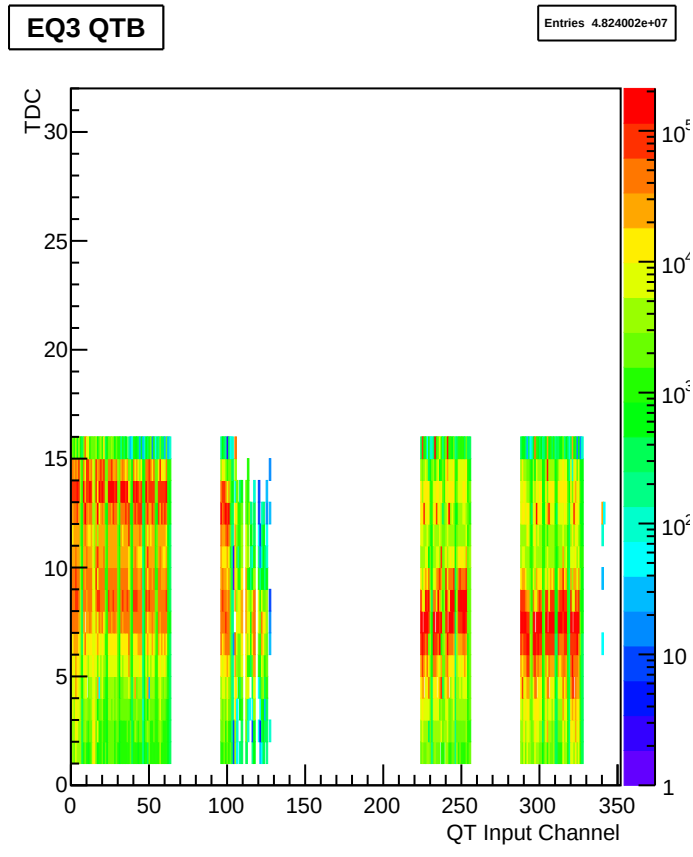

EQ2 QTB
Entries 1.85601e+08
ADC
QT Input Channel

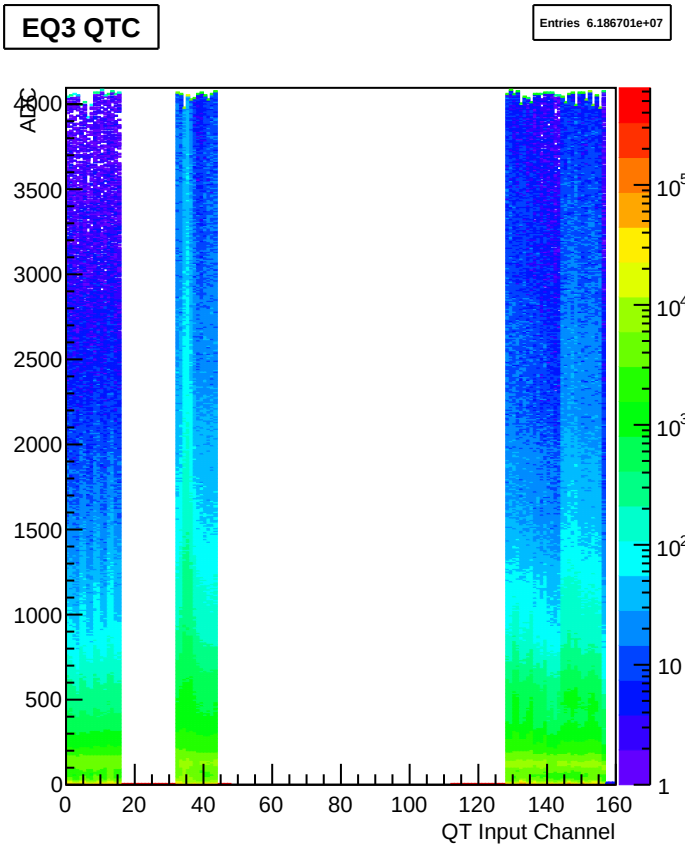

EQ2 QTB
Entries 5.809288e+07
TDC
QT Input Channel

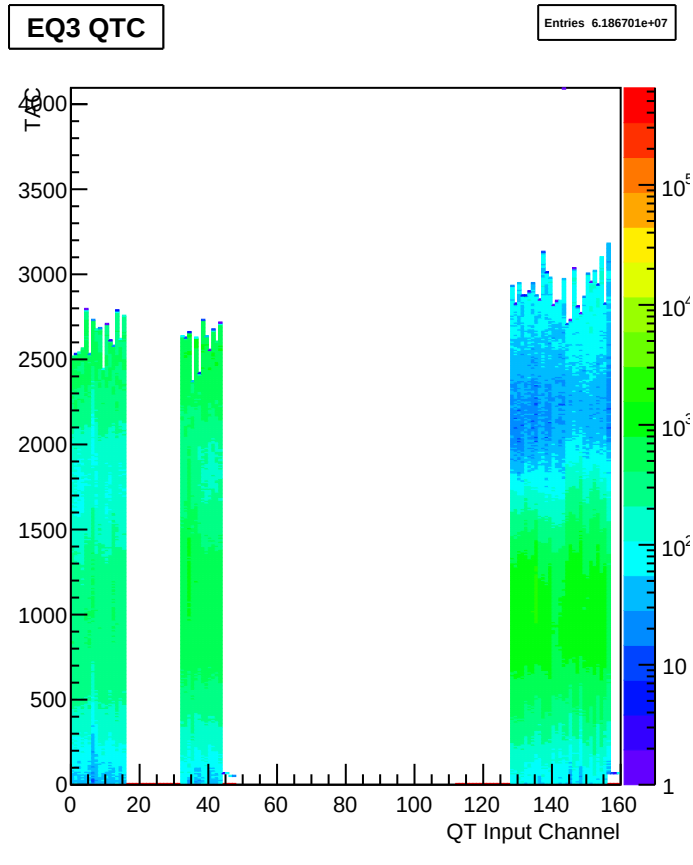

EQ2 QTC
Entries 6.186701e+07
ADC
QT Input Channel

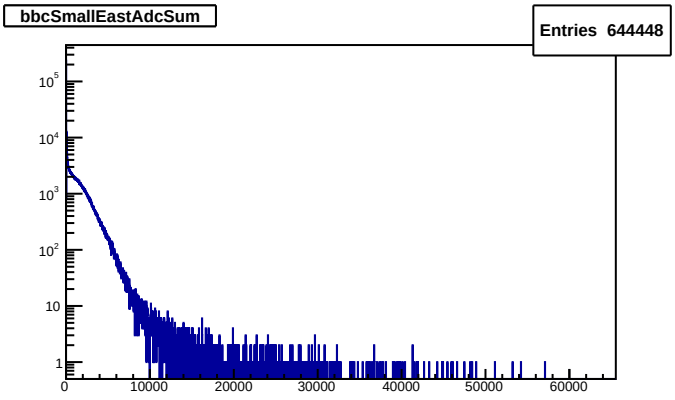

EQ2 QTC
Entries 6.186701e+07
TADC
QT Input Channel

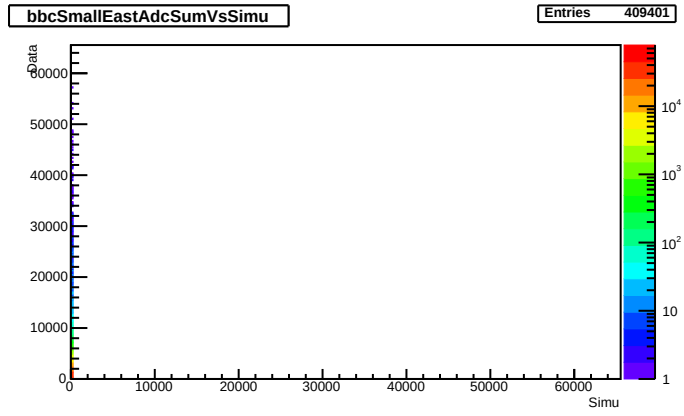

EQ3 QTB
Entries 1.649787e+08
ADC
QT Input Channel

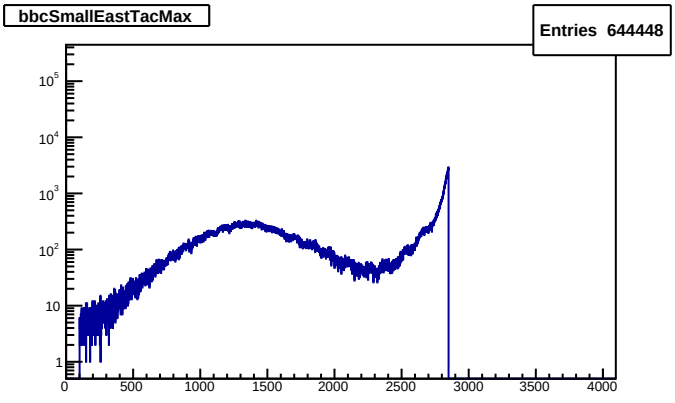

EQ3 QTB
Entries 4.824002e+07
TDC
QT Input Channel

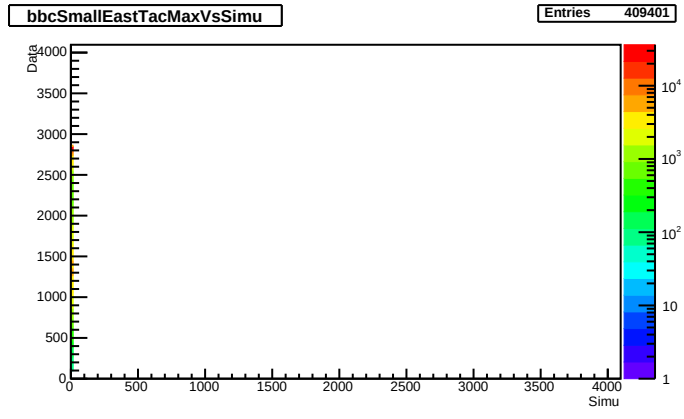

EQ3 QTC
Entries 6.186701e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.186701e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 644448


bbcSmallEastAdcSumVsSimu
Entries 409401
Data
Simu


bbcSmallEastTacMax
Entries 644448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Entries 409401
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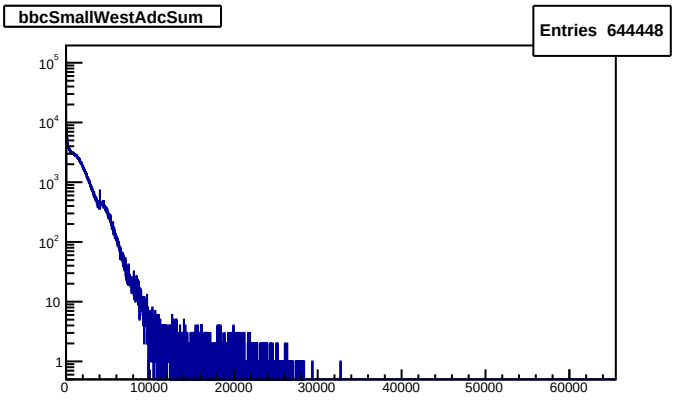
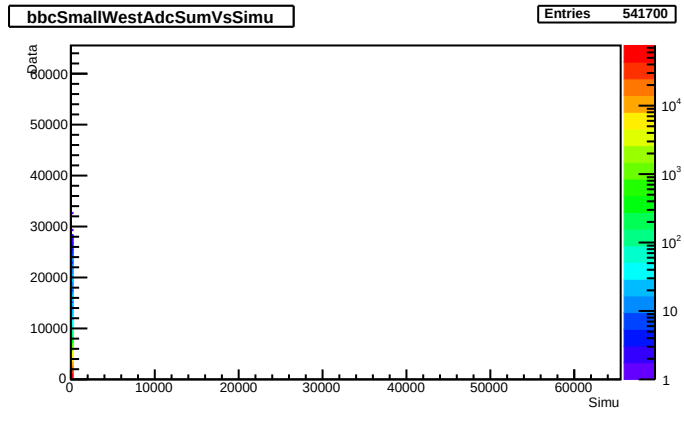

bbcSmallWestAdcSum
Entries 644448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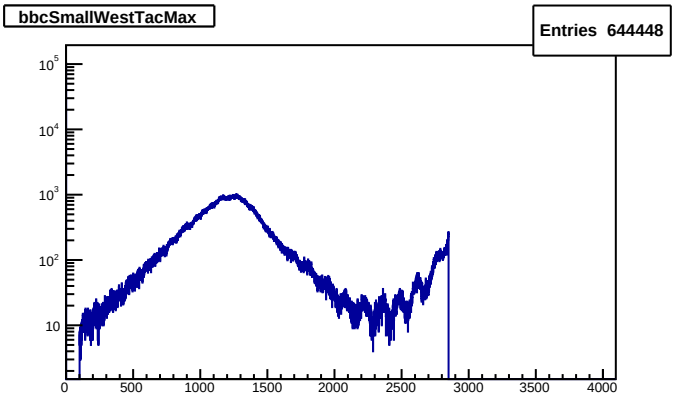
Entries 541700
Data
Simu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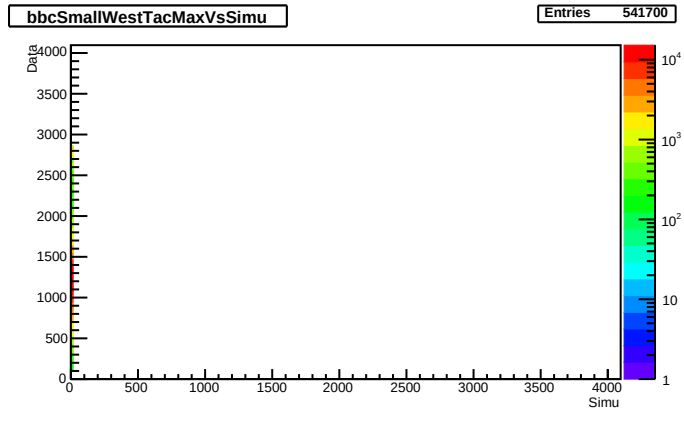
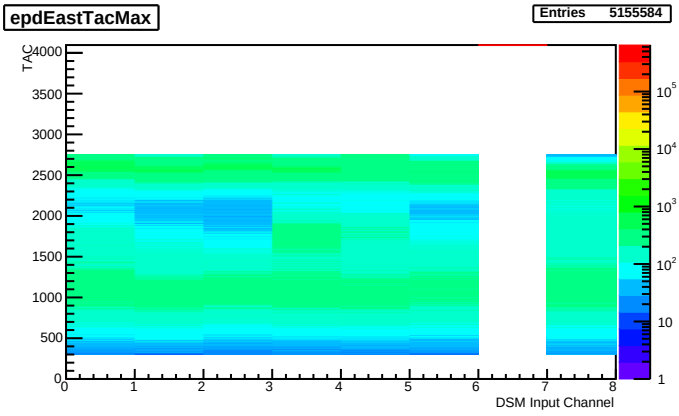
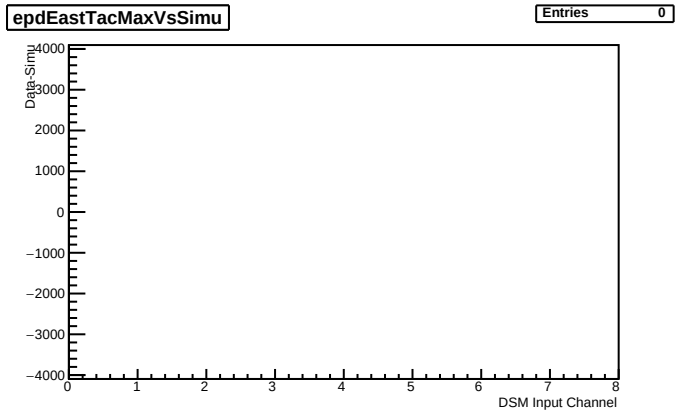
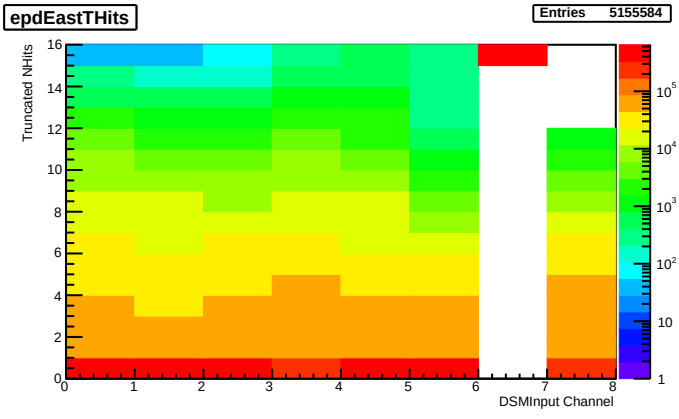
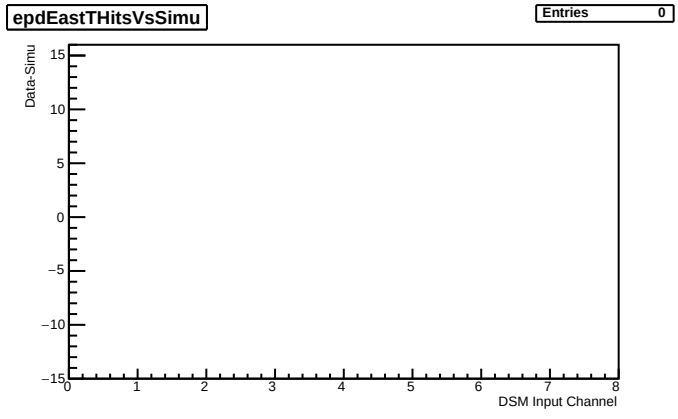
Entries 644448


bbcSmallWestTacMaxVsSimu
Entries 541700
Data
Simu


epdEastTacMax
Entries 5155584
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5155584
Truncated NHits
DSMInput Channel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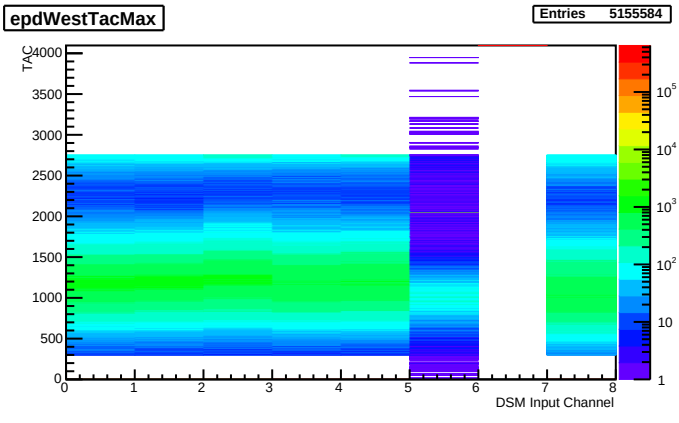
Data-Simu
DSM Input Channel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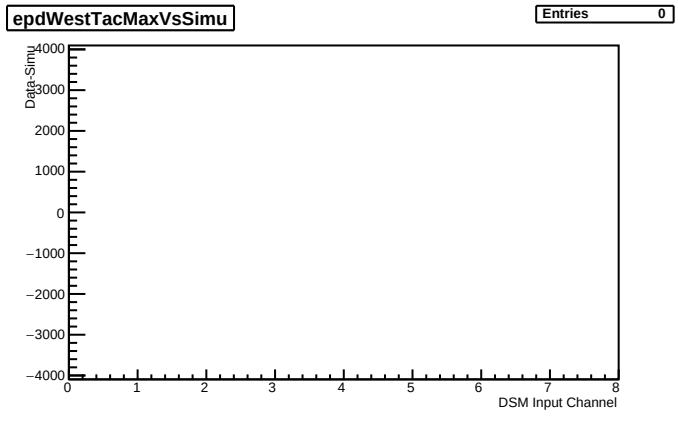
TAC
DSM Input Channel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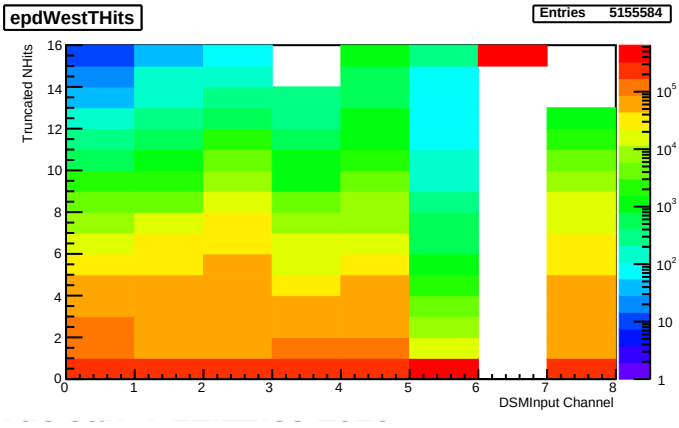
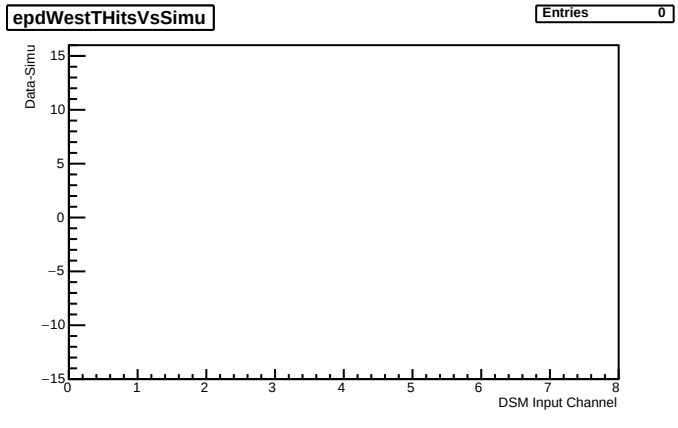
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5155584
Truncated NHits
DSMInput Channel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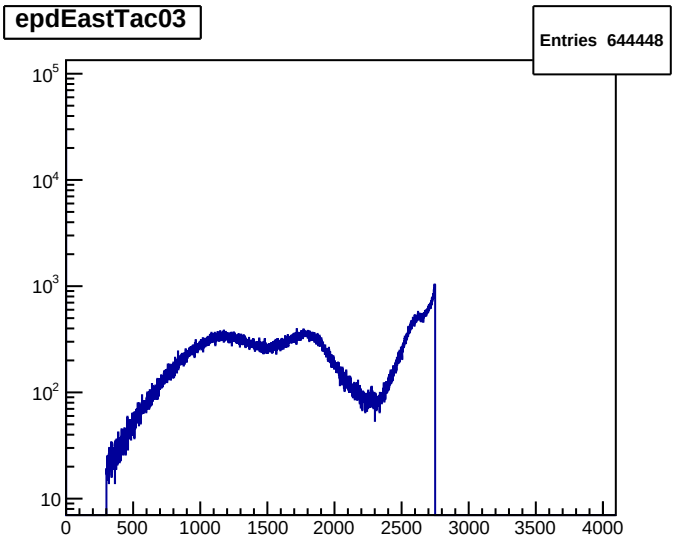
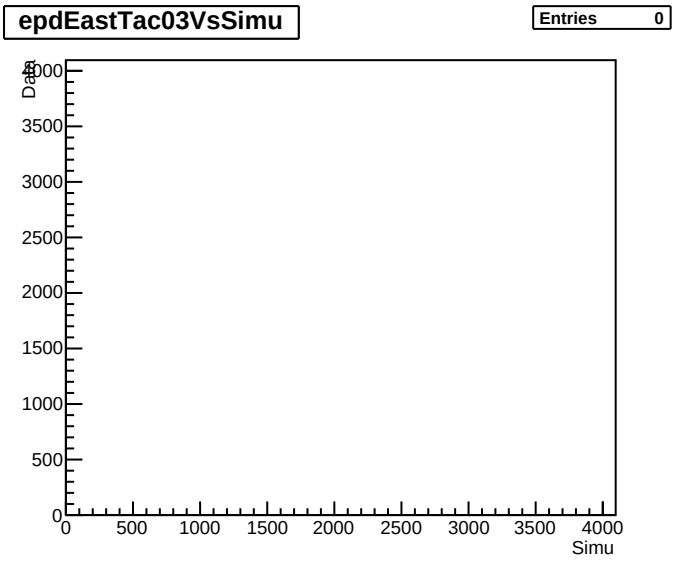
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 644448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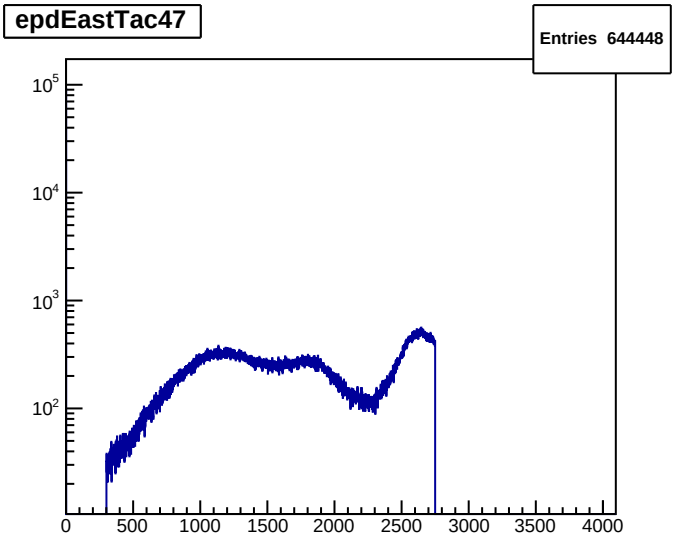
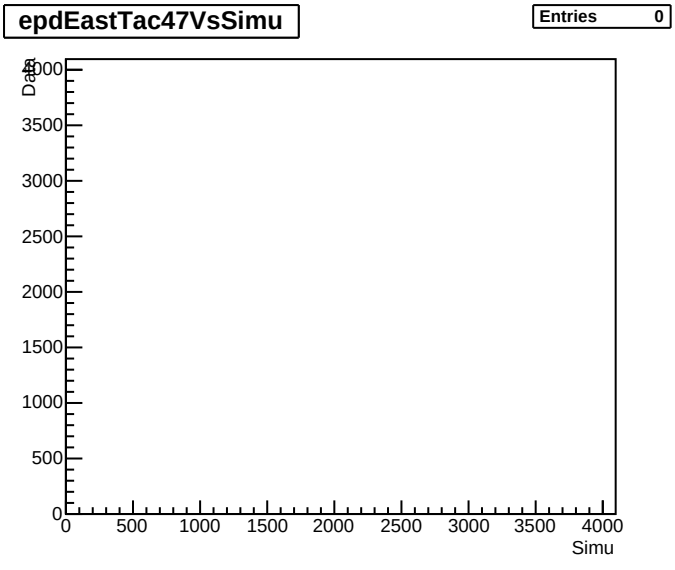
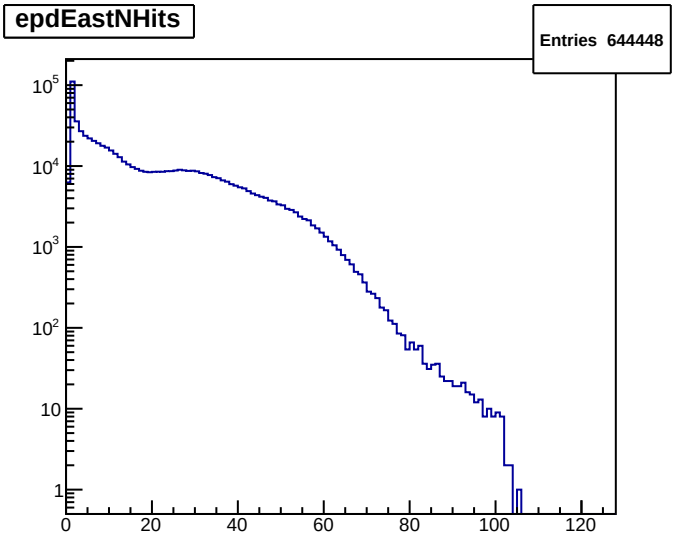
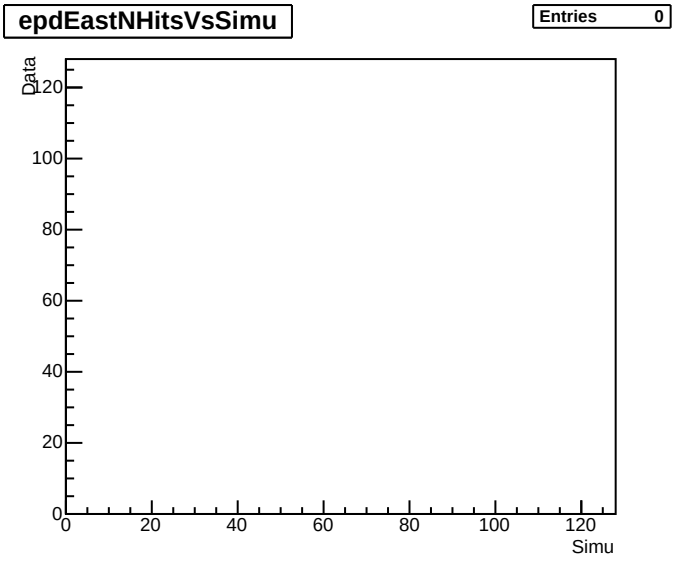
Entries 0
Data
Simu


epdEastTac47
Entries 644448


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 644448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Entries 0
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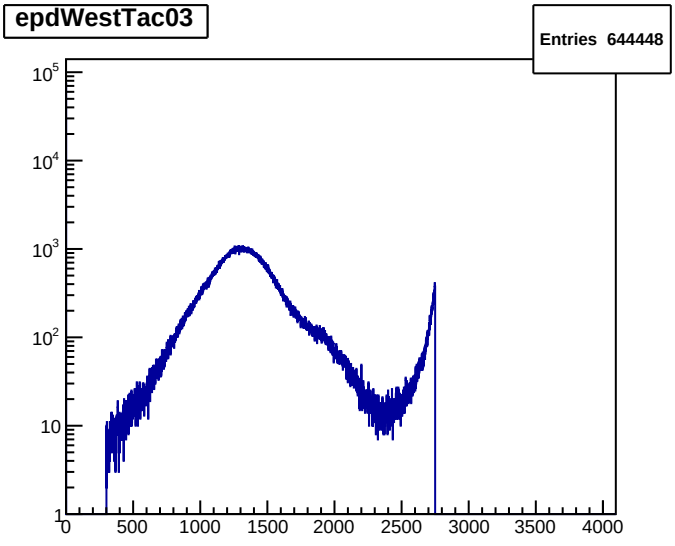
Simu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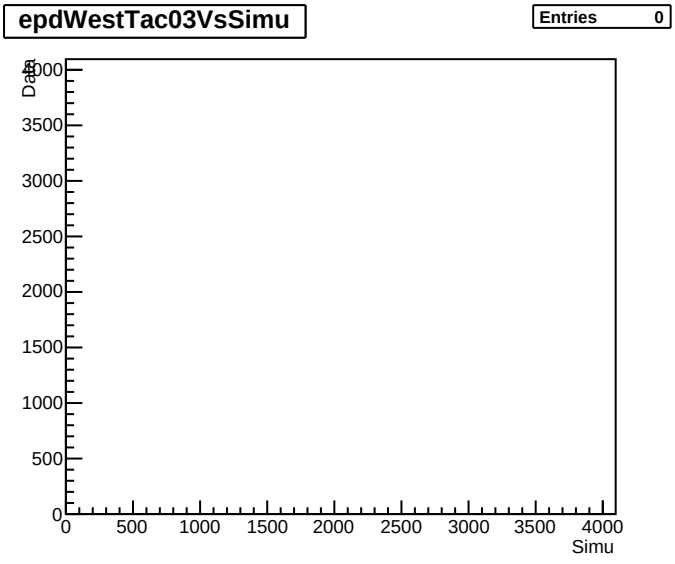
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Entries 0
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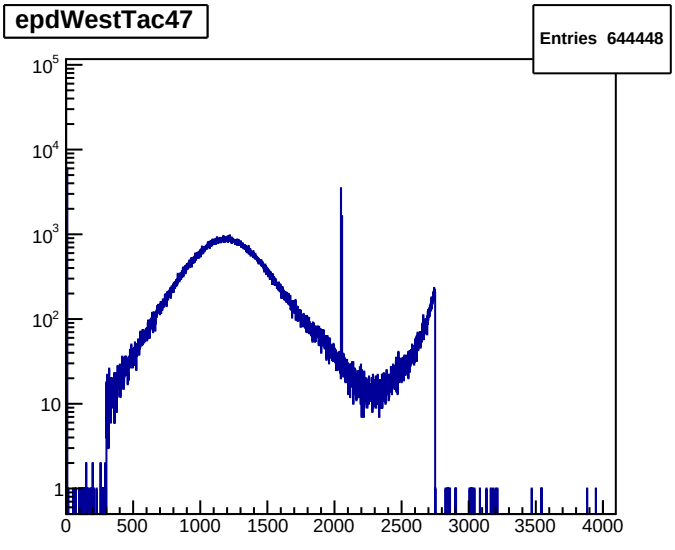
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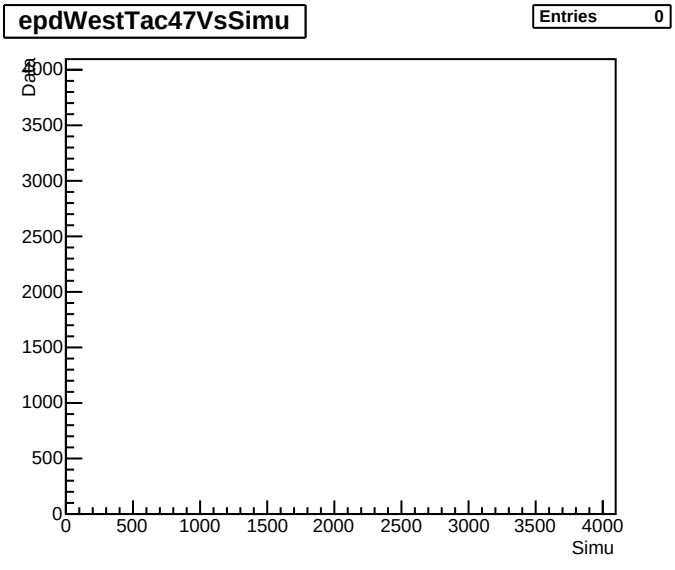
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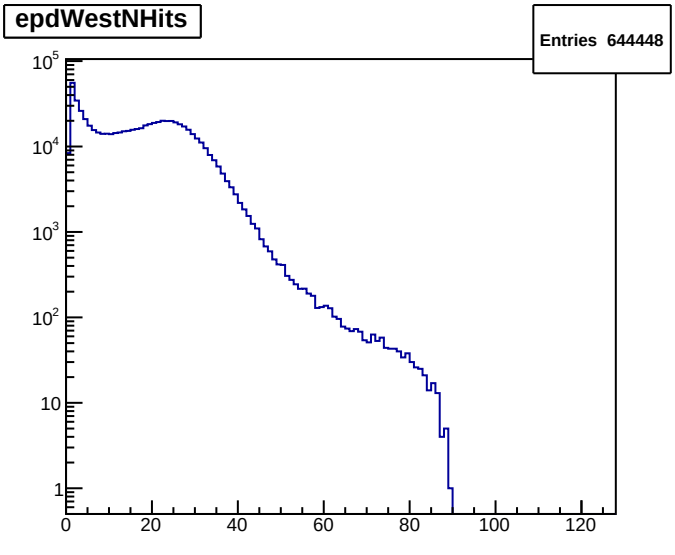
Entries 0
Data
Simu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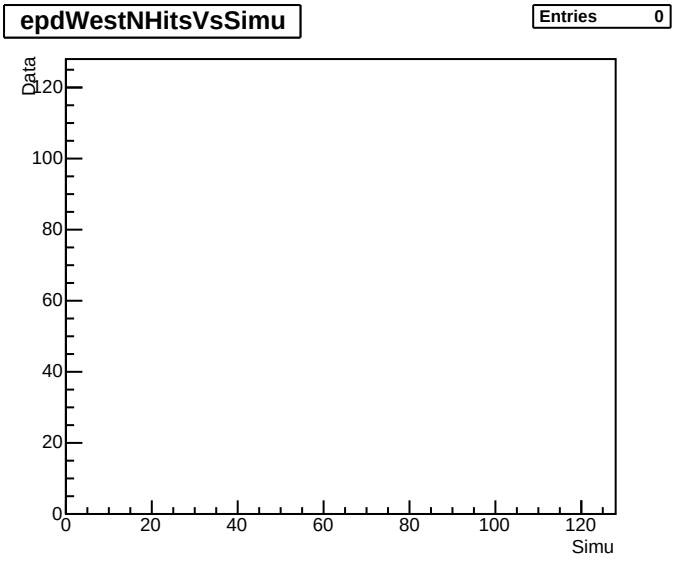
Entries 644448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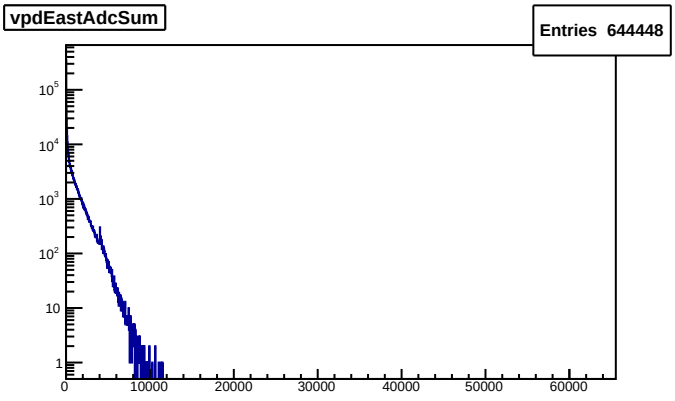
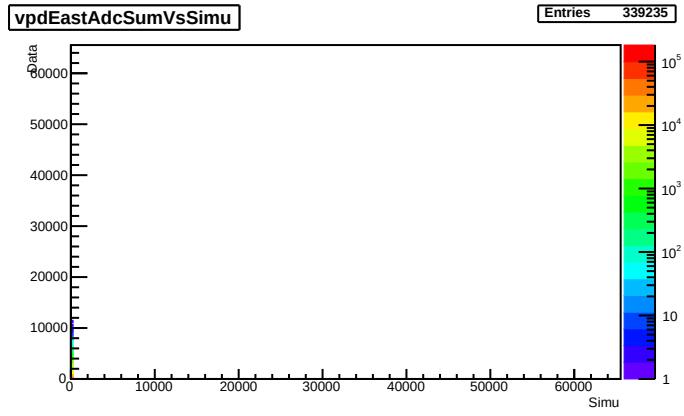
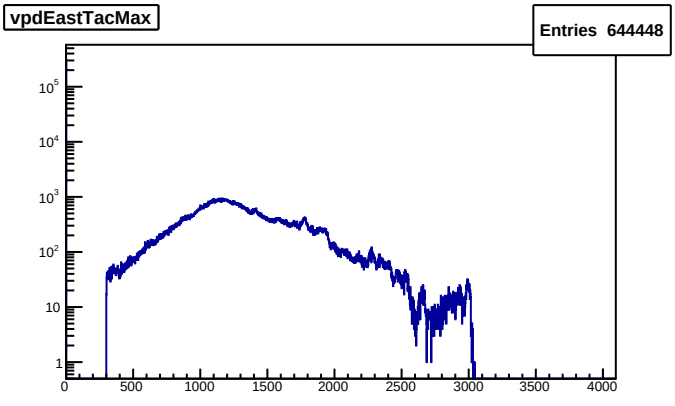
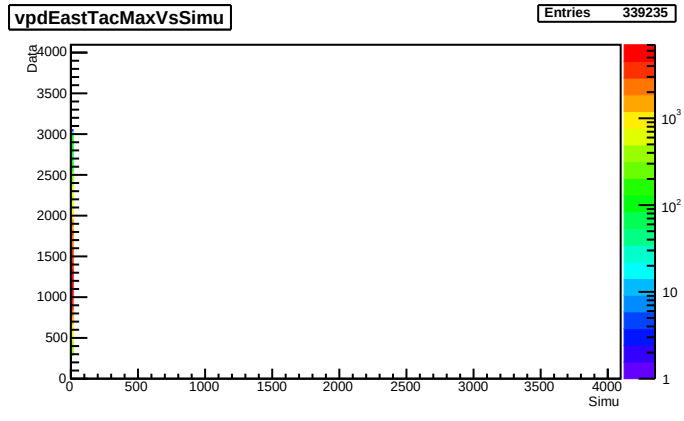
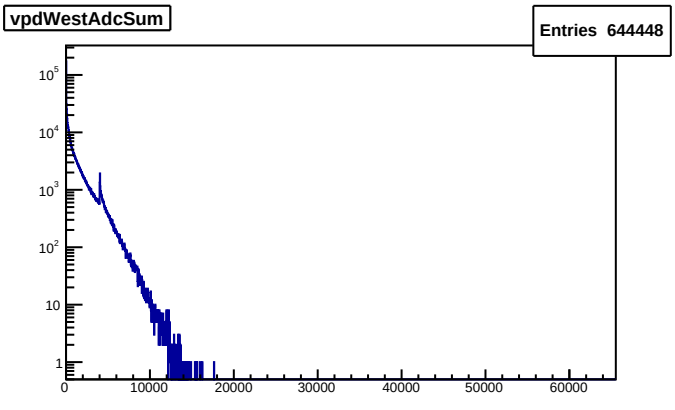
Entries 0
Data
Simu

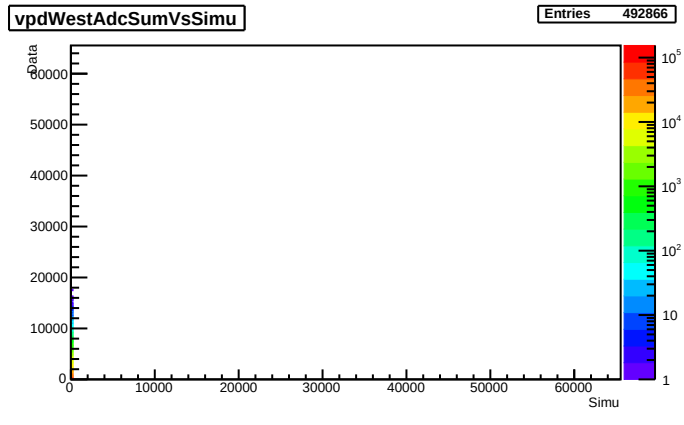

vpdEastAdcSum
Entries 644448


vpdEastAdcSumVsSimu
Entries 339235
Data
Simu


vpdEastTacMax
Entries 644448


vpdEastTacMaxVsSimu
Entries 339235
Data
Simu


vpdWestAdcSum
Entries 644448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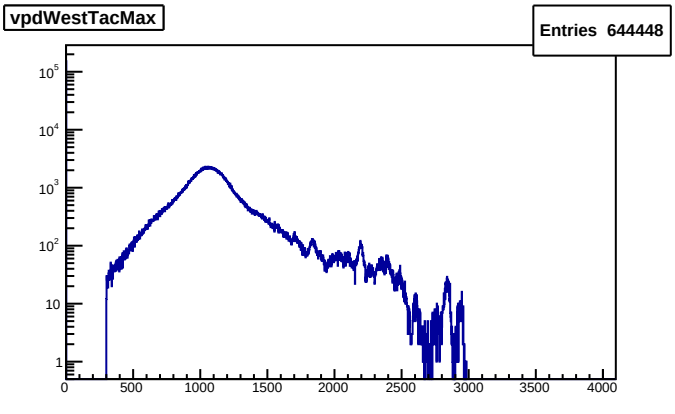
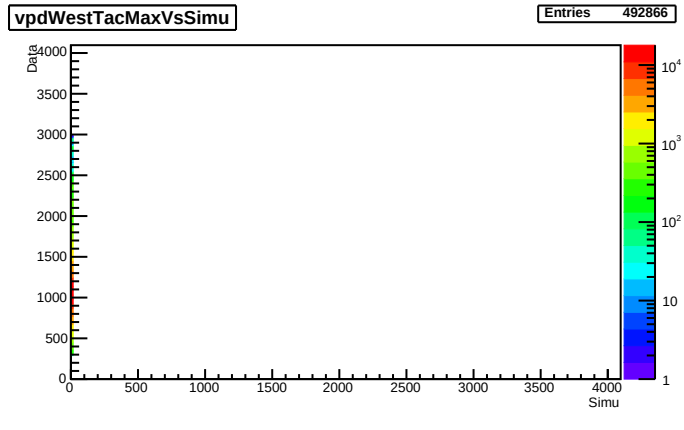
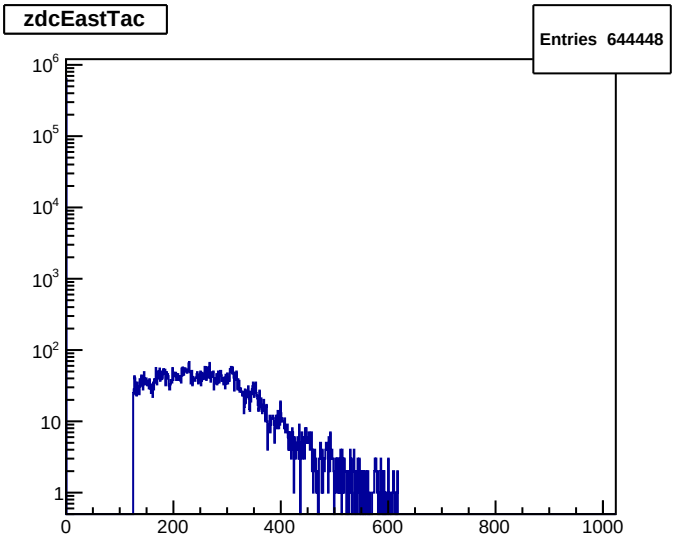
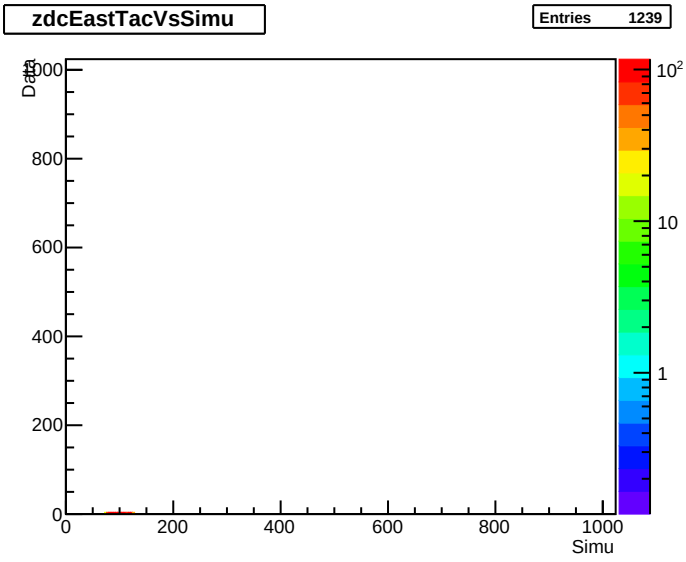
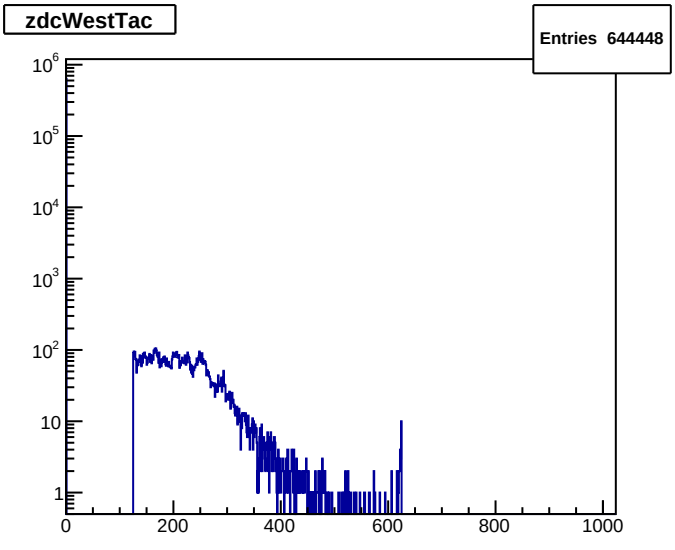
Entries 492866
Data
Simu

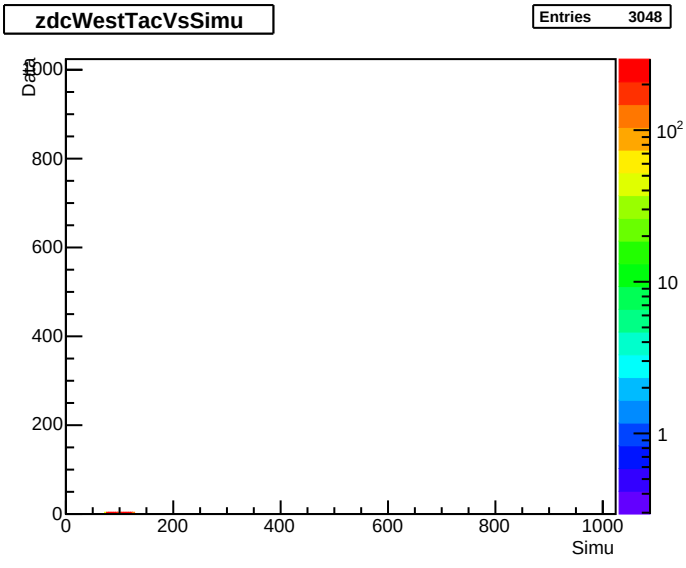

vpdWestTacMax
Entries 644448

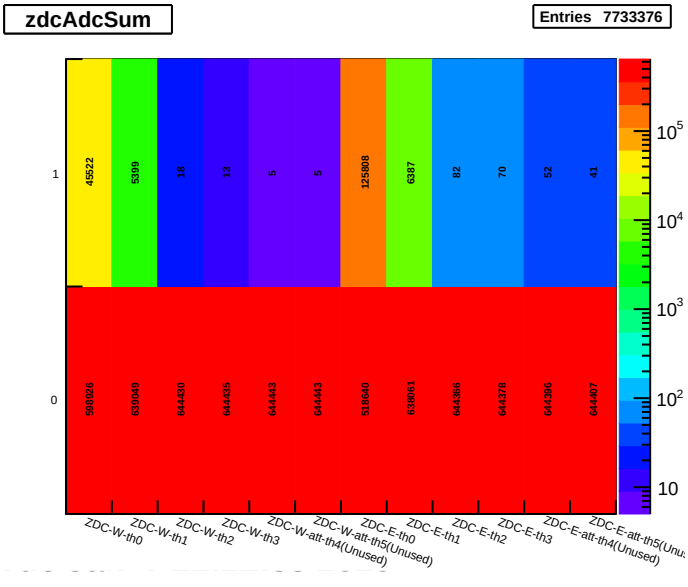

vpdWestTacMaxVsSimu
Entries 492866
Data
Simu

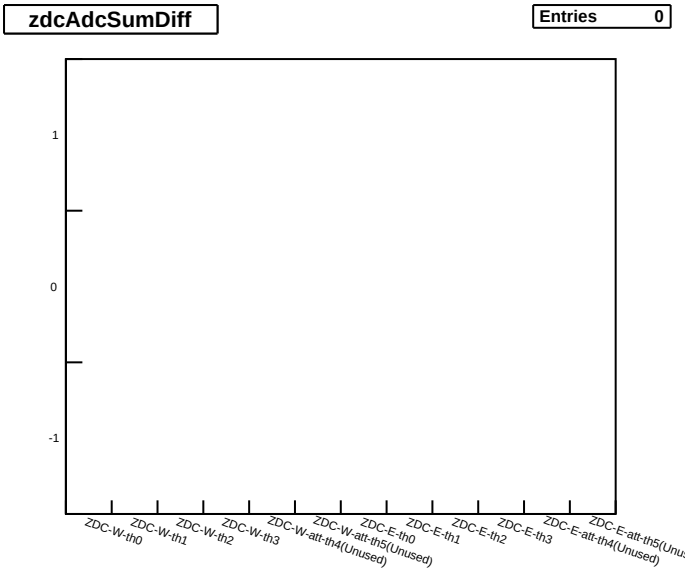

zdcEastTac
Entries 644448

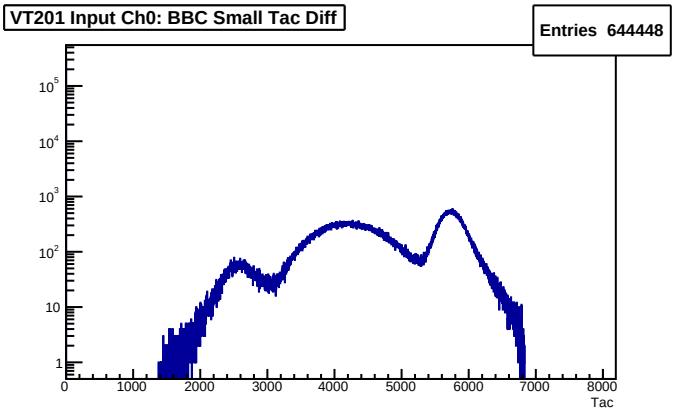

zdcEastTacVsSimu
Entries 1239
Data
Simu

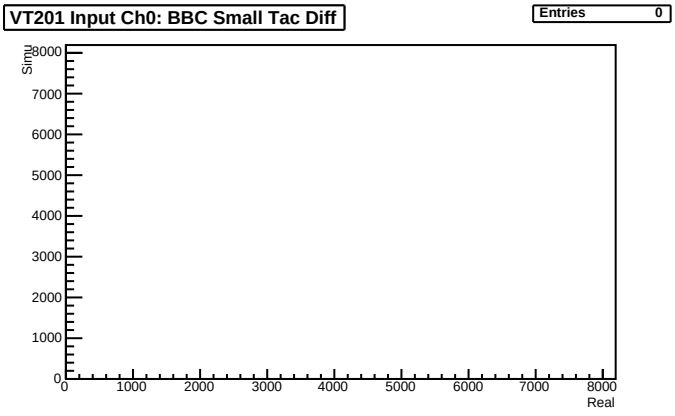

zdcWestTac
Entries 644448

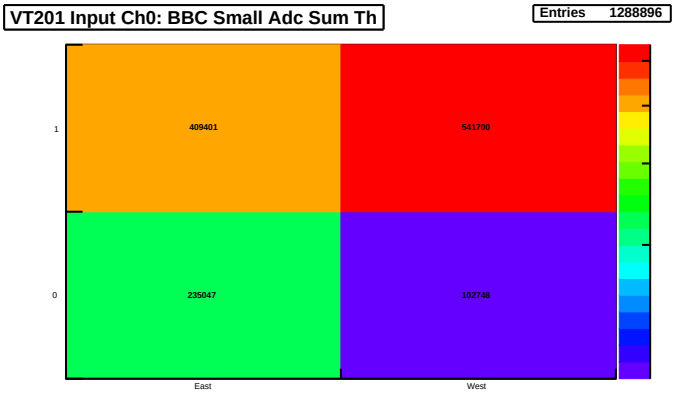

zdcWestTacVsSimu
Entries 3048
Data
Simu

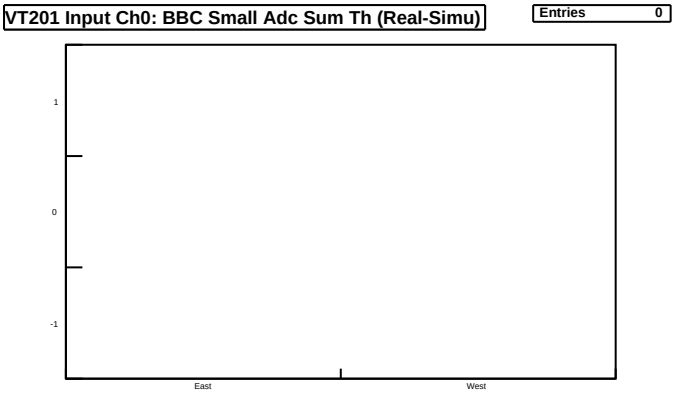

zdcAdcSum
Entries 7733376
45522
5399
18
13
5
5
125808
6387
82
70
52
41
598926
639049
644430
644435
644443
644443
518640
638061
644366
644378
644396
644407
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

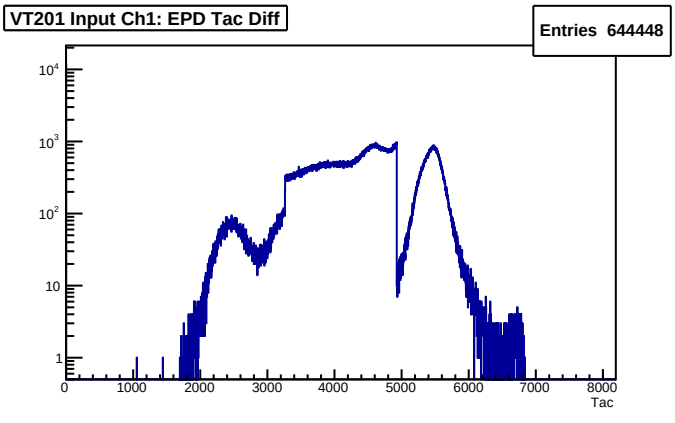

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

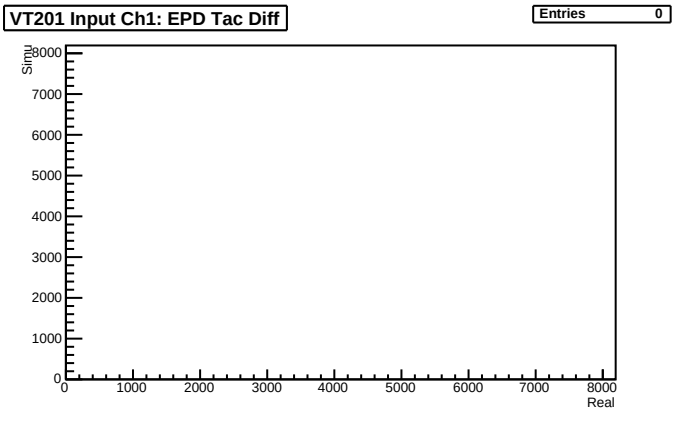

VT201 Input Ch0: BBC Small Tac Diff
Entries 644448
Tac

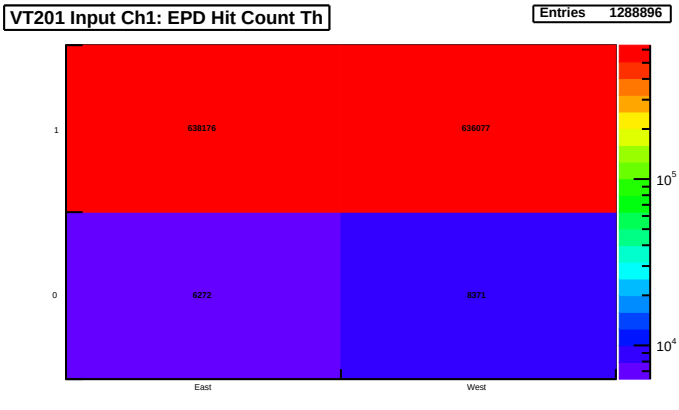

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

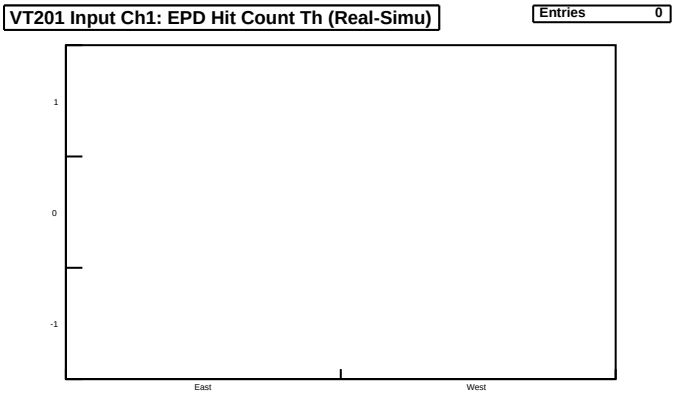

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1288896
409401
541700
235047
102748
East
West

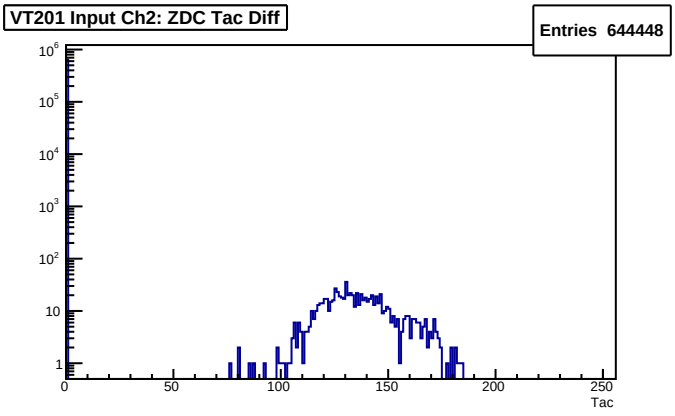

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

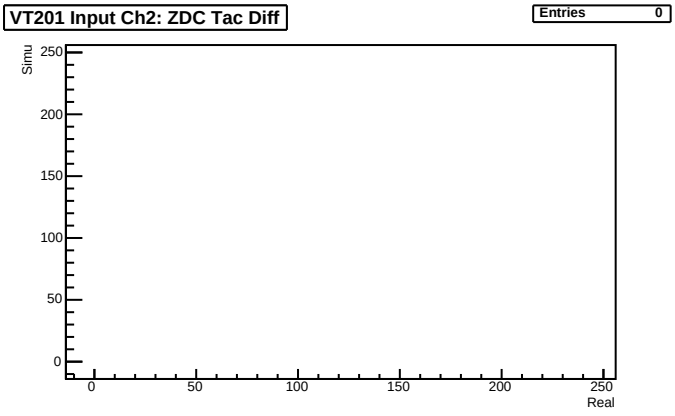

VT201 Input Ch1: EPD Tac Diff
Entries 644448
Tac

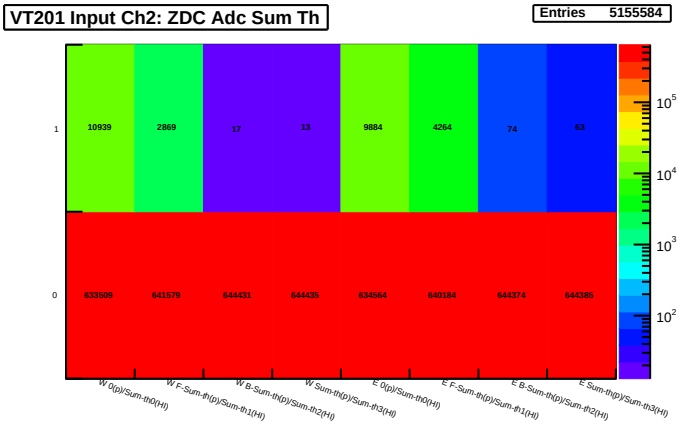

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

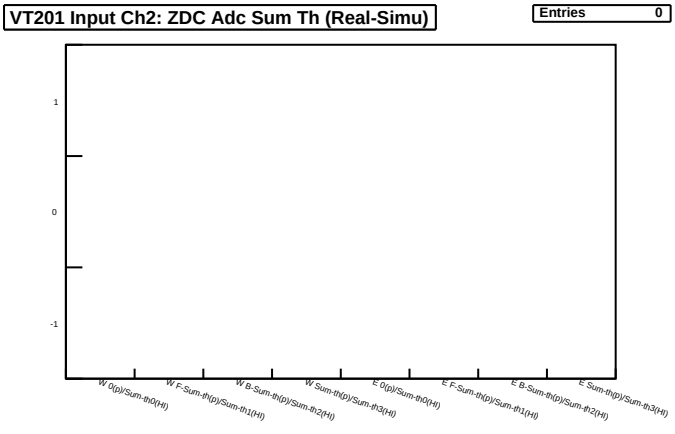

VT201 Input Ch1: EPD Hit Count Th
Entries 1288896
638176
636077
6272
8371
East
West

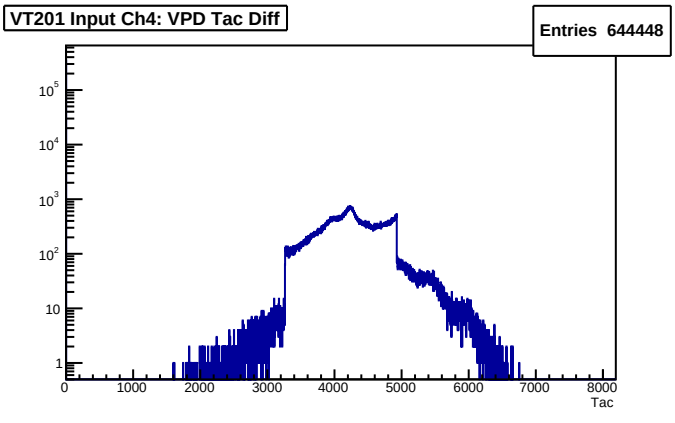

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

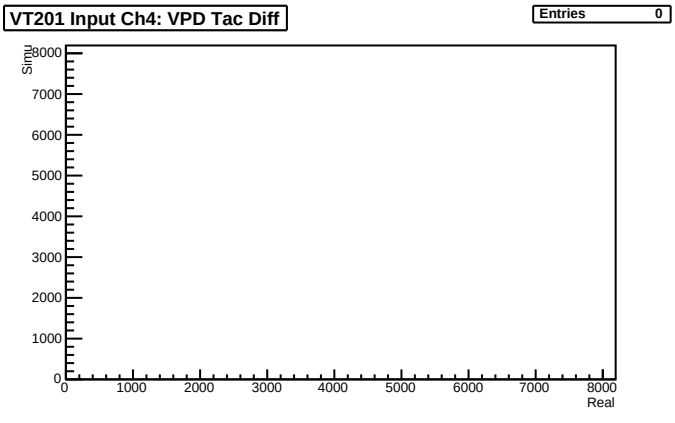

VT201 Input Ch2: ZDC Tac Diff
Entries 644448
Tac

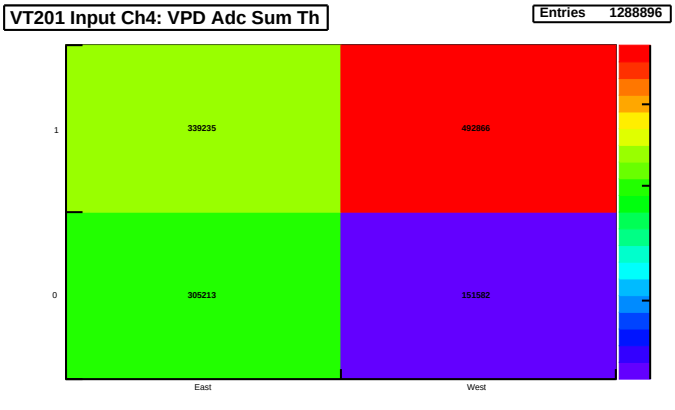

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

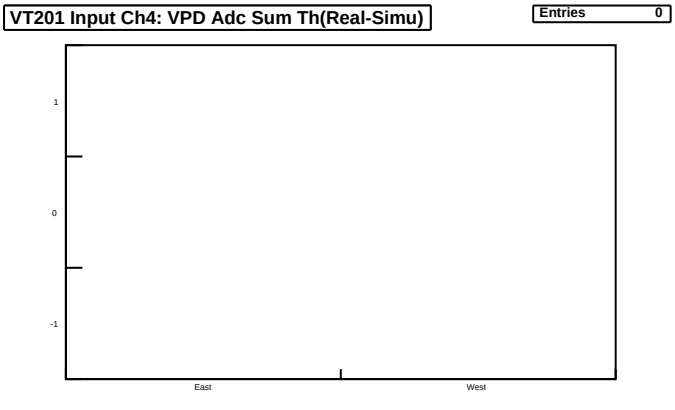

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5155584
10939
2869
17
13
9884
4264
74
63
633509
641579
644431
644435
634564
640184
644374
644385
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

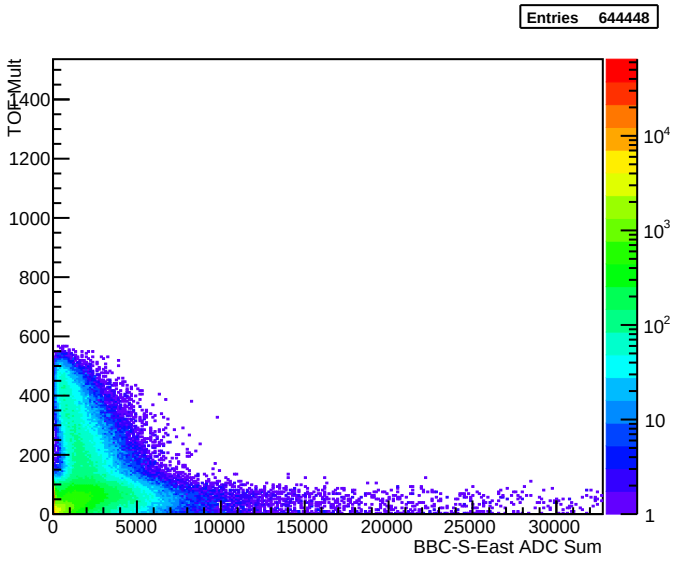

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

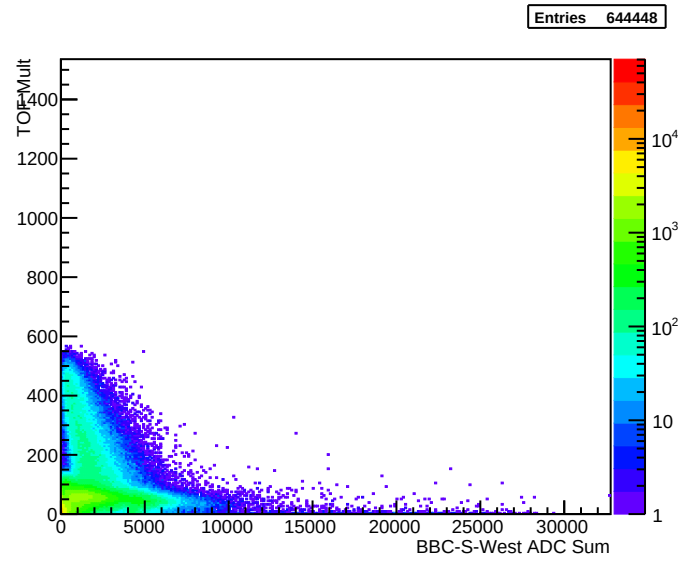

VT201 Input Ch4: VPD Tac Diff
Entries 644448
Tac

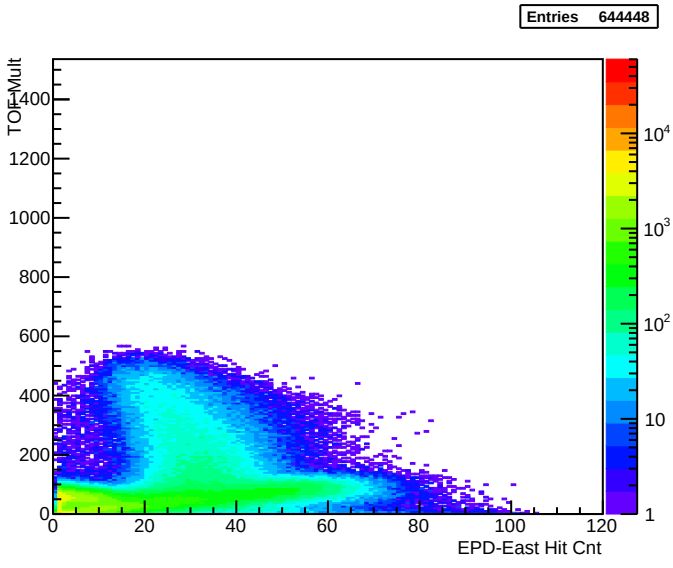

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

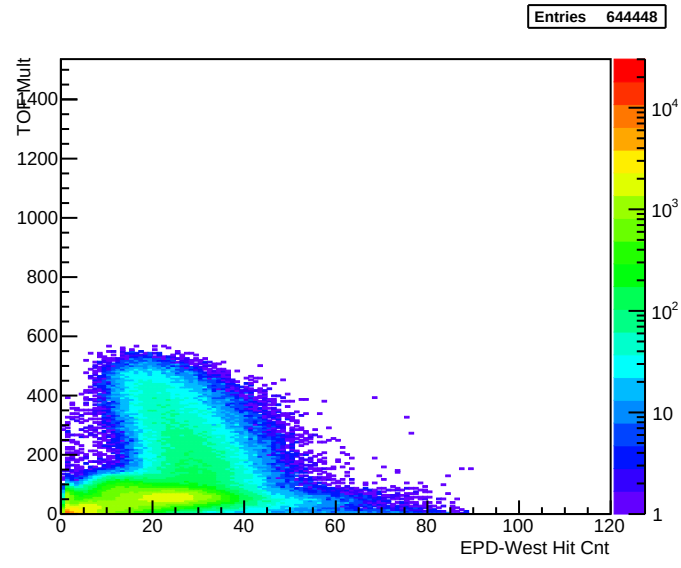

VT201 Input Ch4: VPD Adc Sum Th
Entries 1288896
339235
492866
305213
151582
East
West

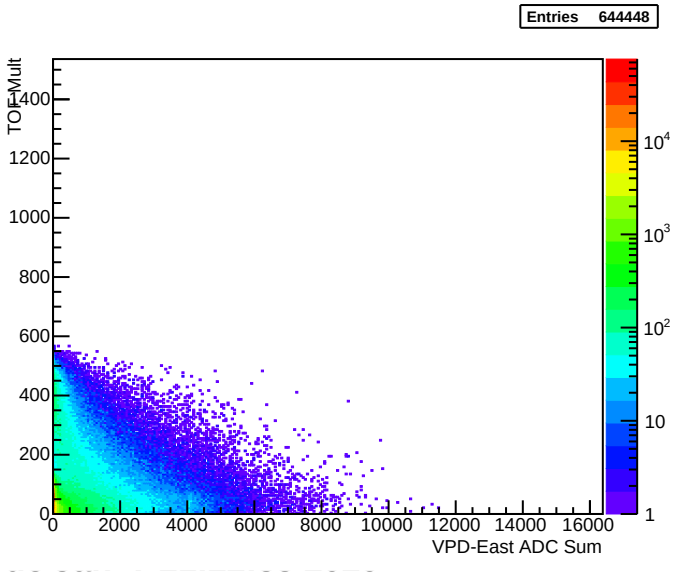

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

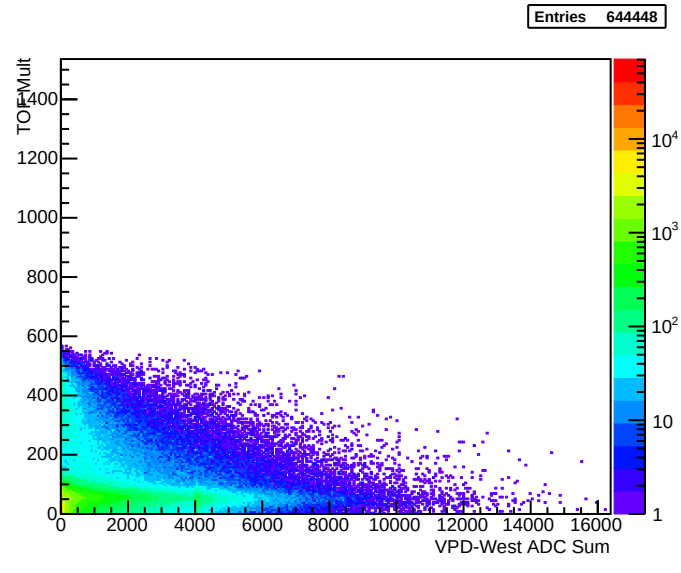

Entries 644448
TOF-Mult
BBC-S-East ADC Sum

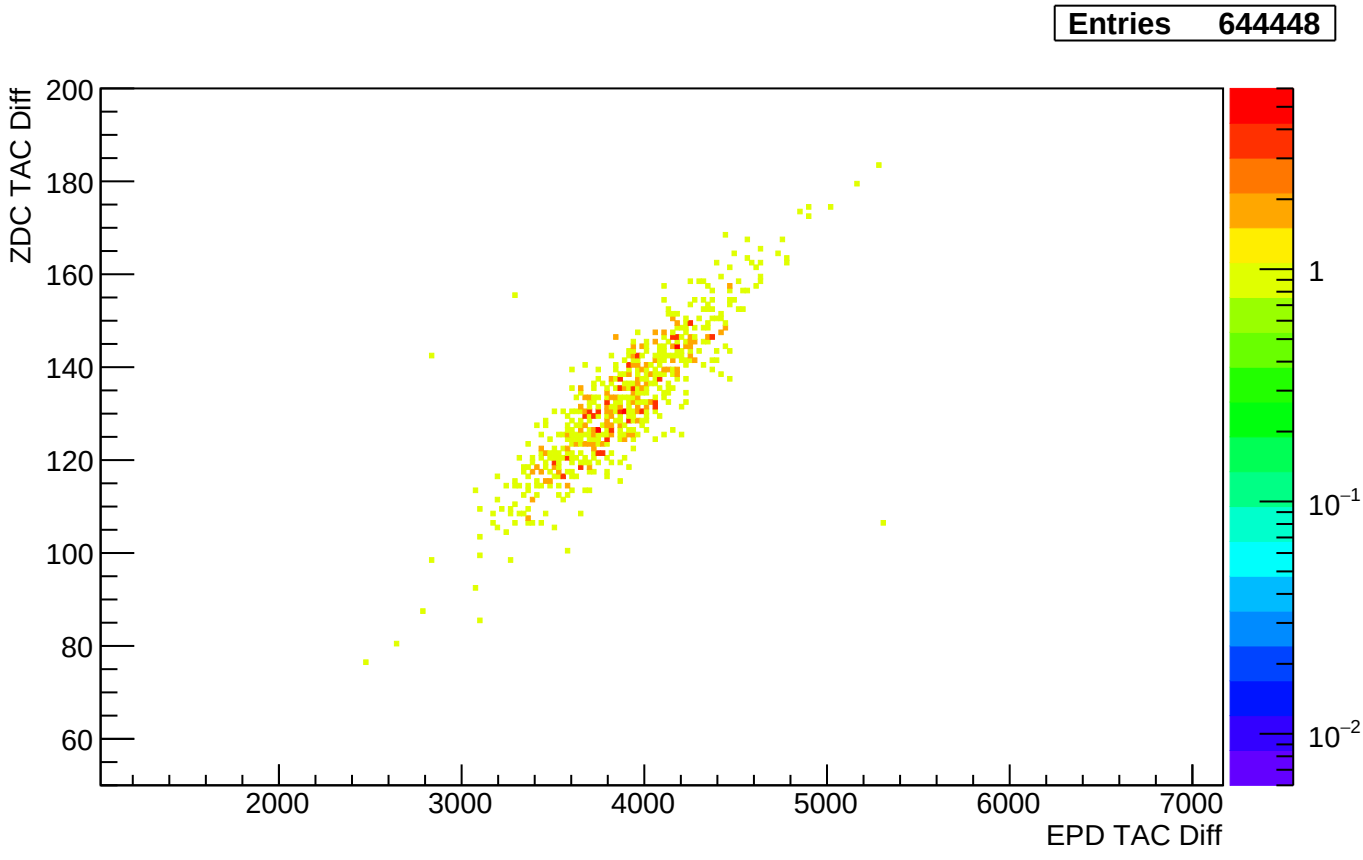

Entries 644448
TOF-Mult
BBC-S-West ADC Sum

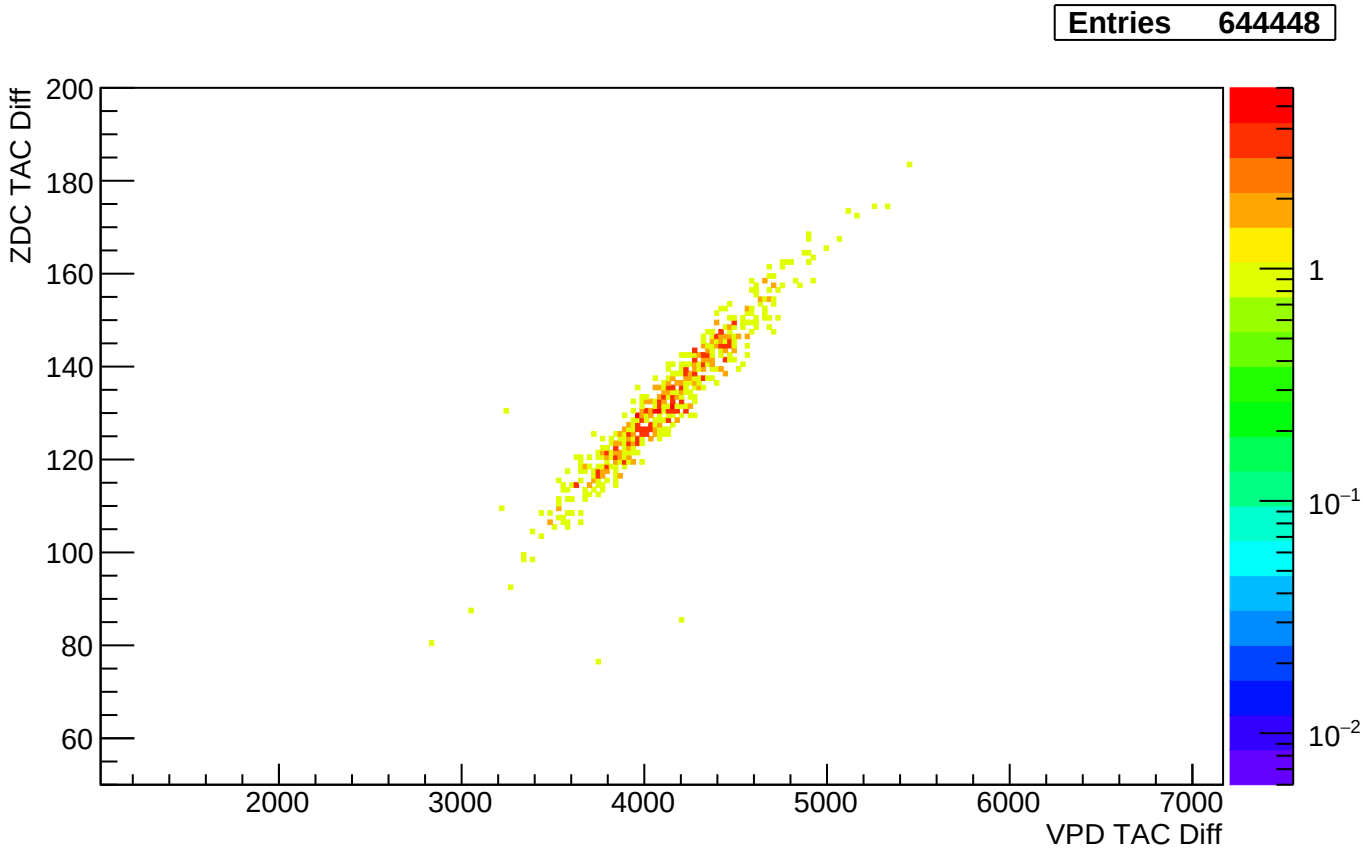

Entries 644448
TOF-Mult
EPD-East Hit Cnt

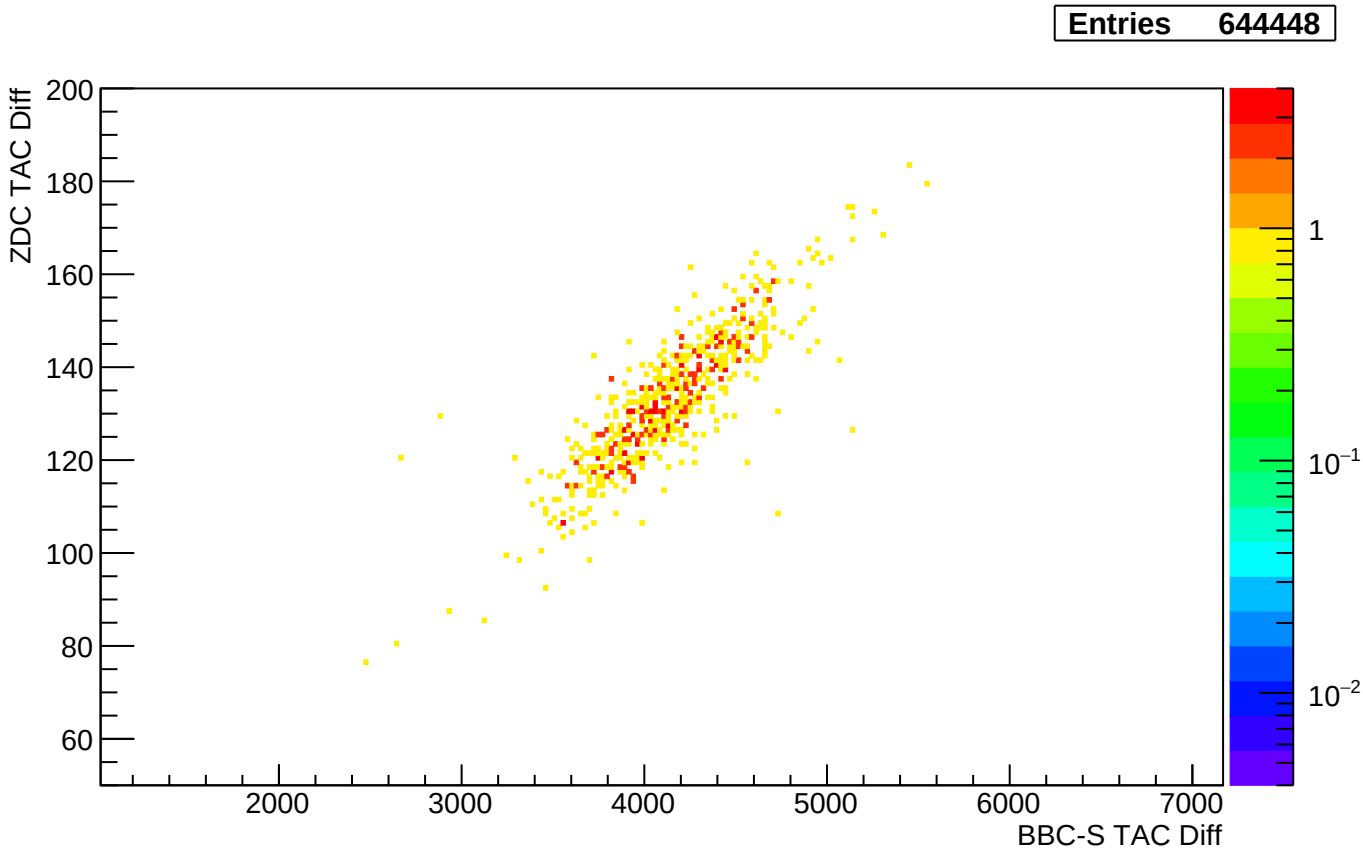

Entries 644448
TOF-Mult
EPD-West Hit Cnt

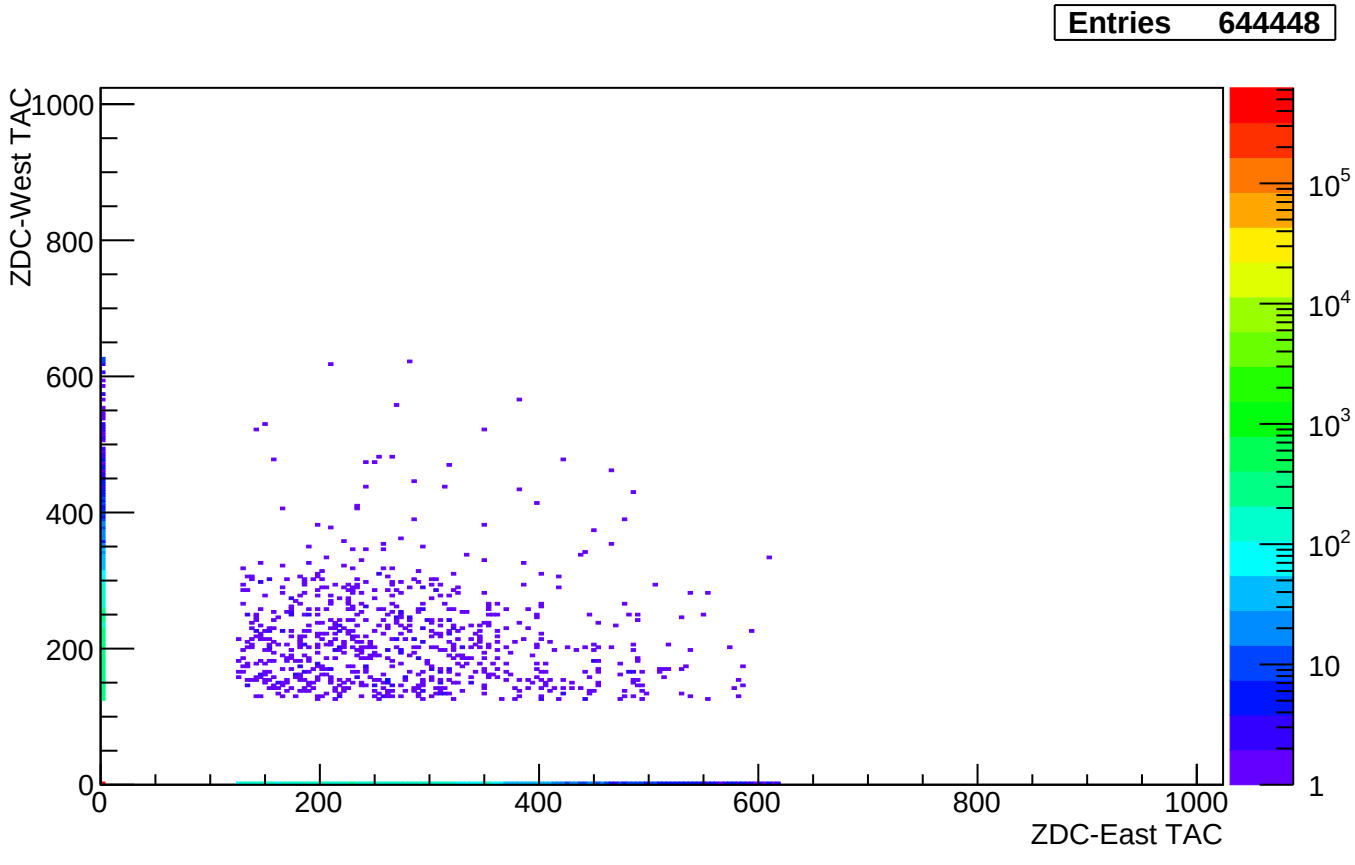

Entries 644448
TOF-Mult
VPD-East ADC Sum

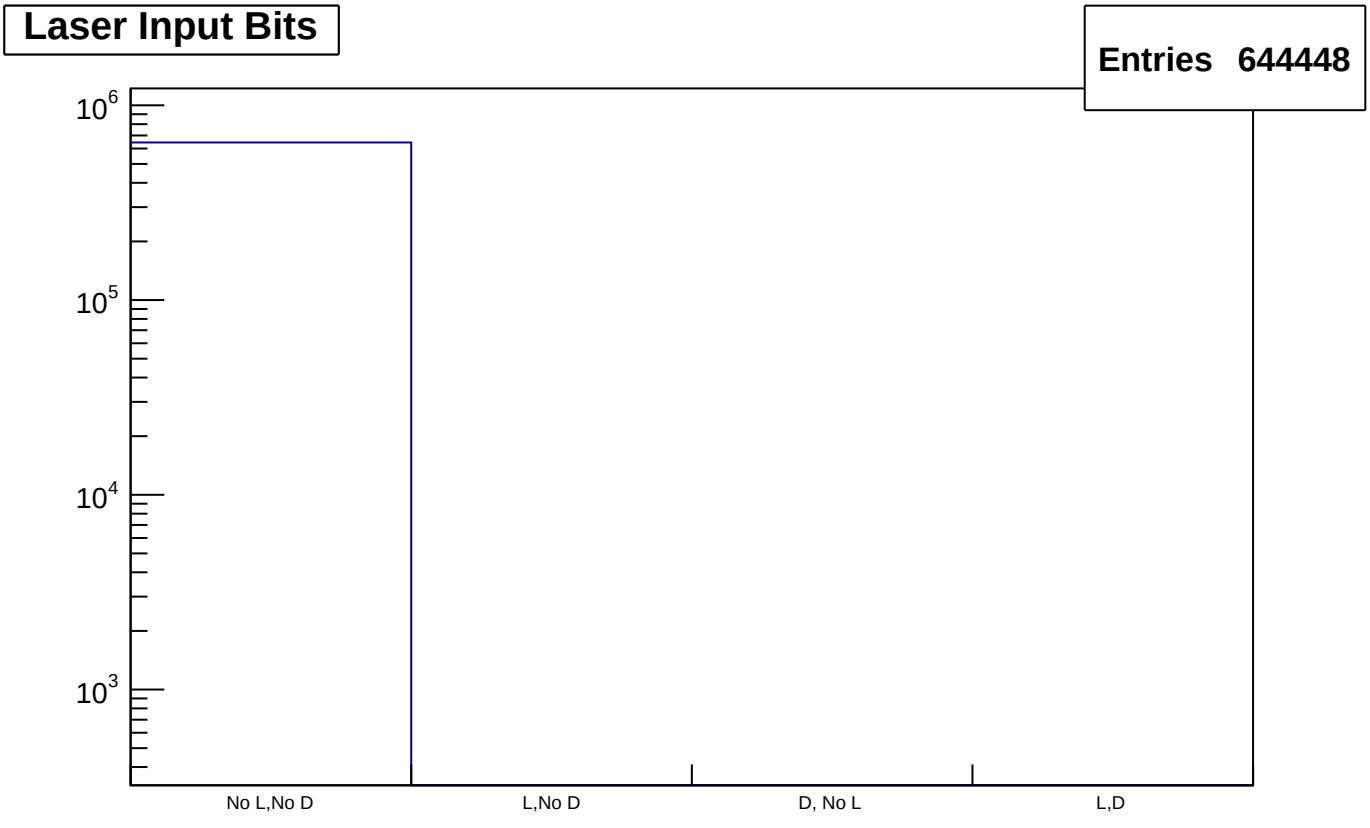

Entries 644448
TOF-Mult
VPD-West ADC Sum

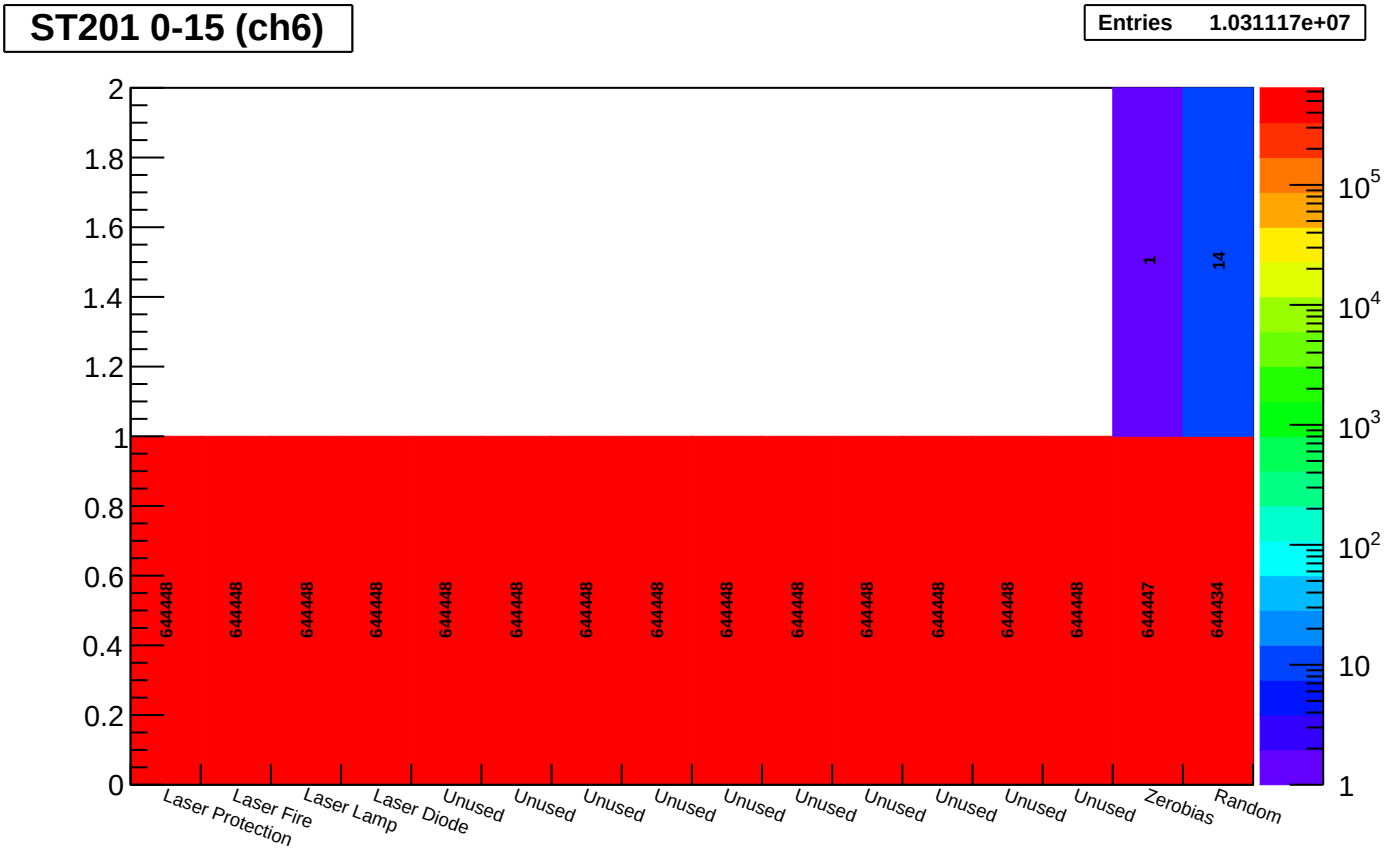

Entries 644448
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}


Entries 644448
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}

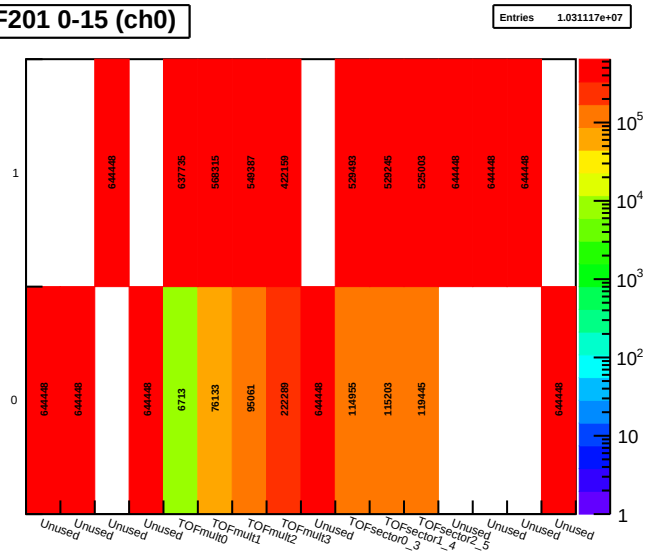

Entries 644448
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}


Entries 644448
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

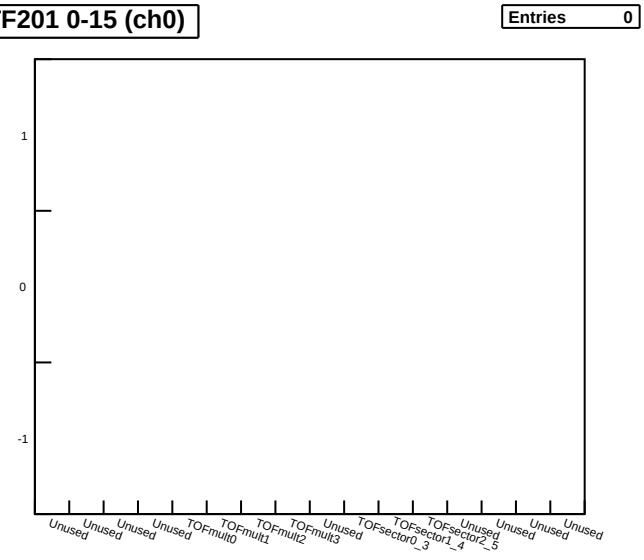

Laser Input Bits
Entries 644448
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 1.031117e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
644448
644448
644448
644448
644448
644448
644448
644448
644448
644448
644448
644448
644448
644448
644447
644434
1
14
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

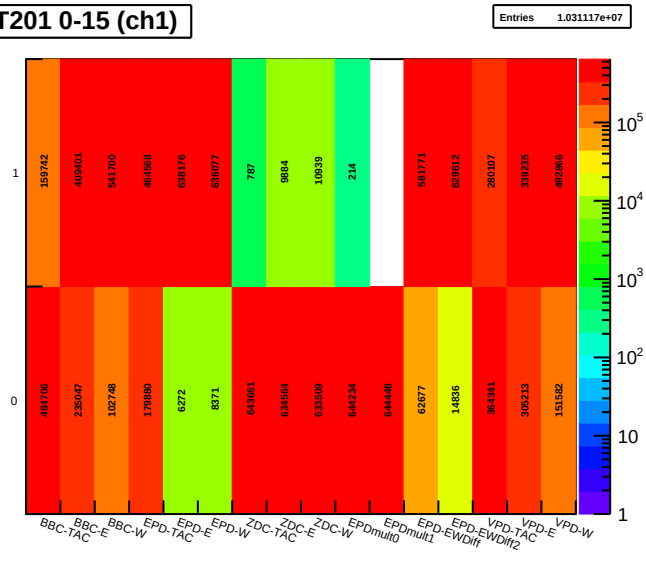
TF201 0-15 (ch0)



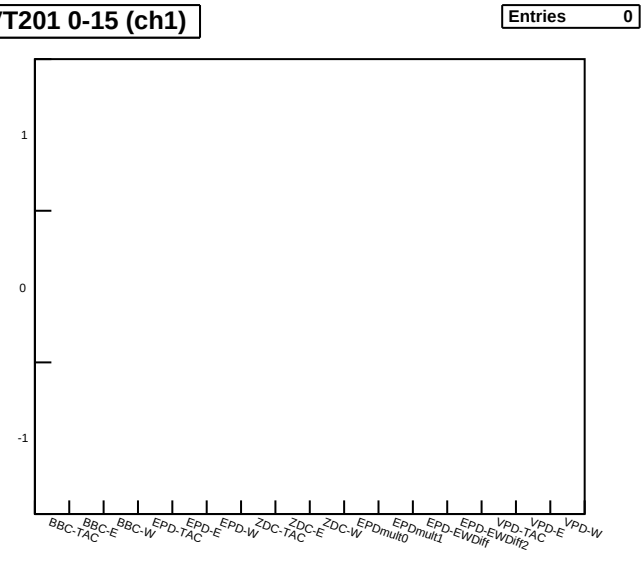
TF201 0-15 (ch0)



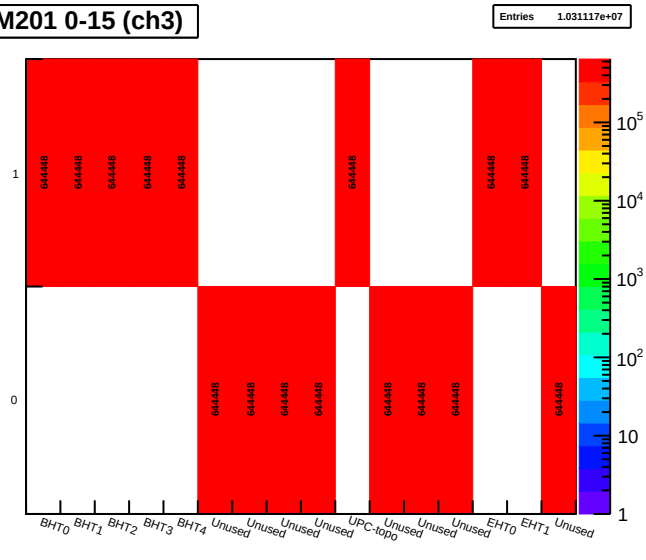
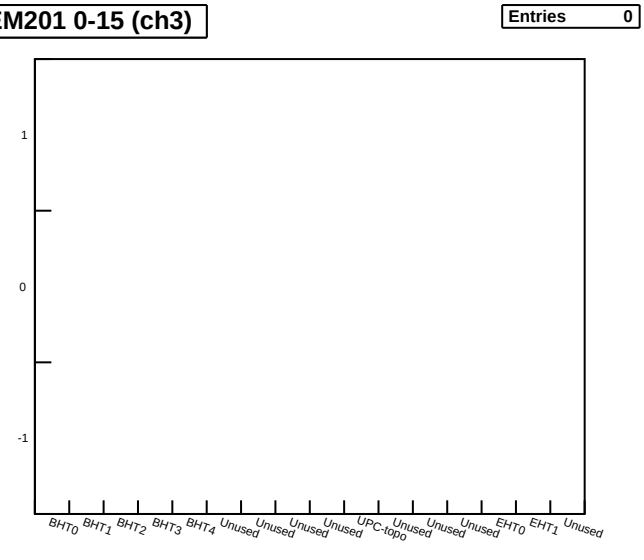
VT201 0-15 (ch1)



VT201 0-15 (ch1)



EM201 0-15 (ch3)



EM201 0-15 (ch3)