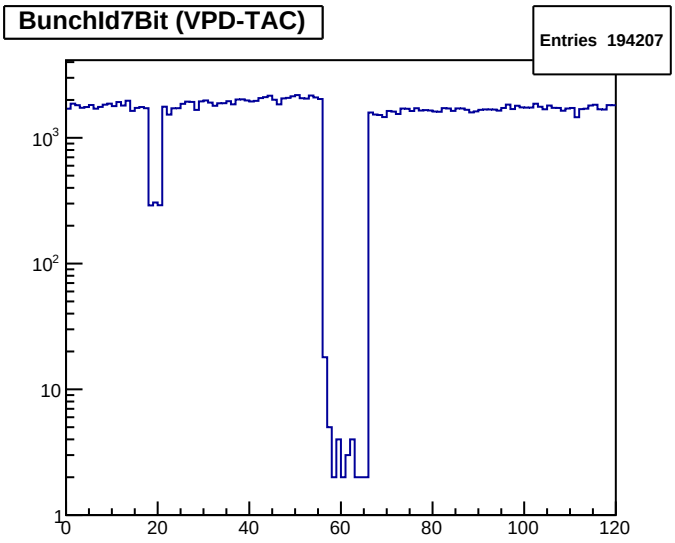
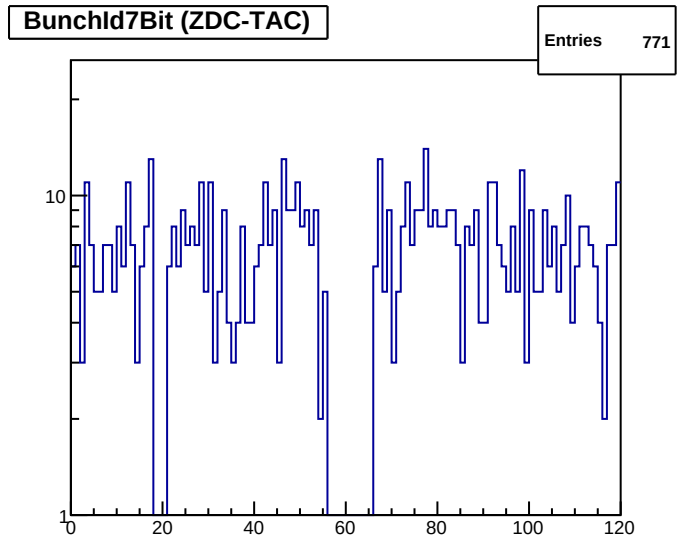
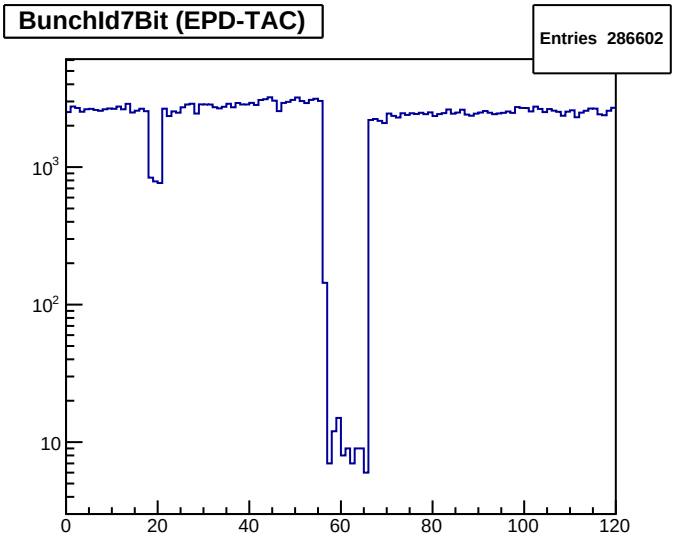
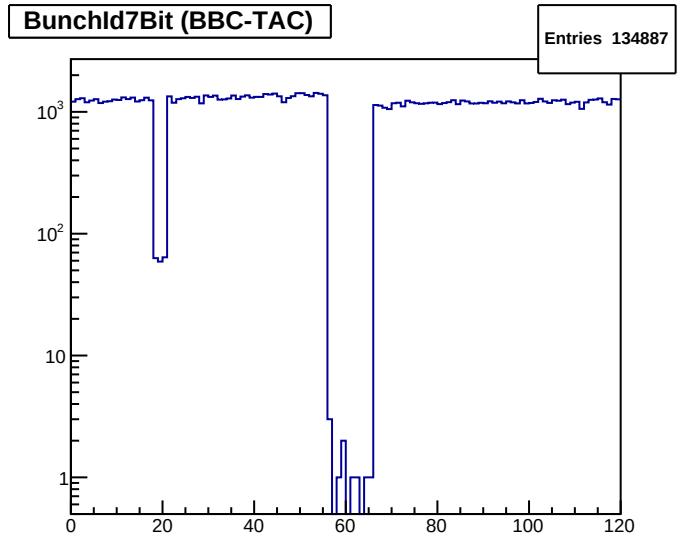
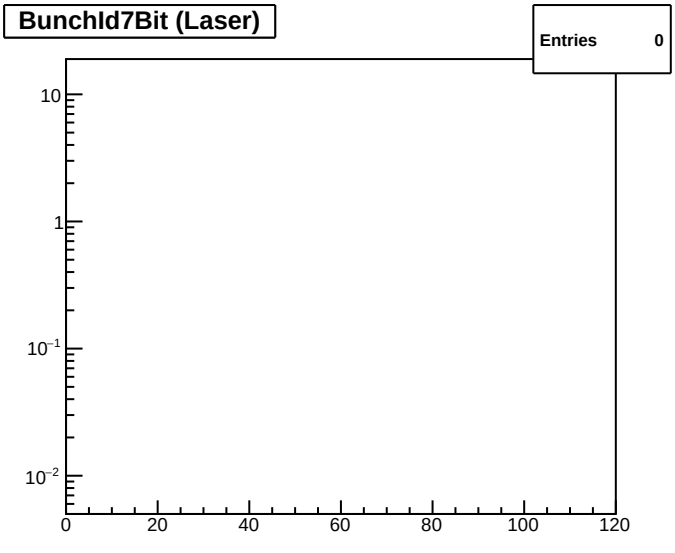
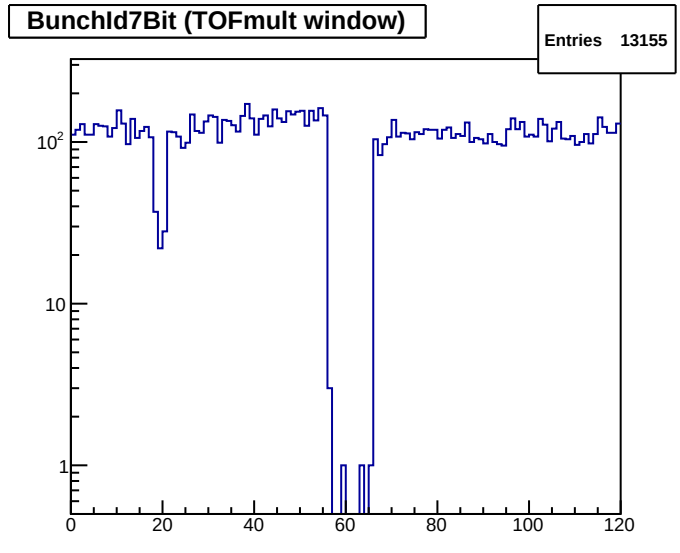

BunchId7Bit (VPD-TAC)
Entries 194207

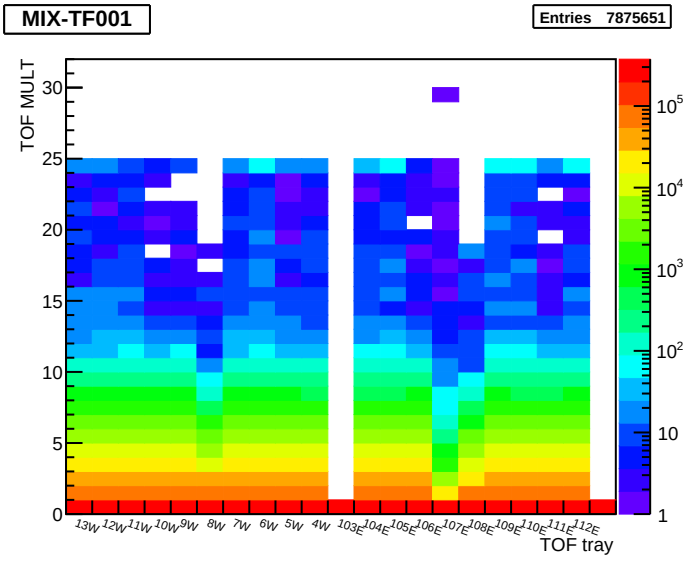

BunchId7Bit (ZDC-TAC)
Entries 771

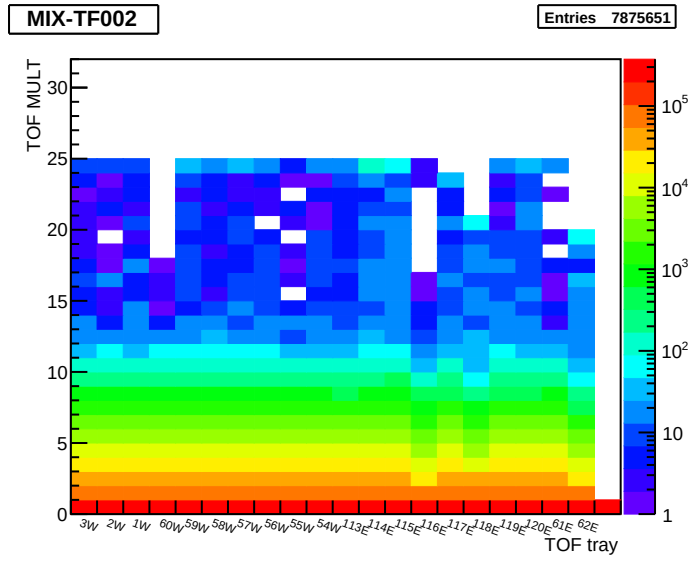

BunchId7Bit (EPD-TAC)
Entries 286602

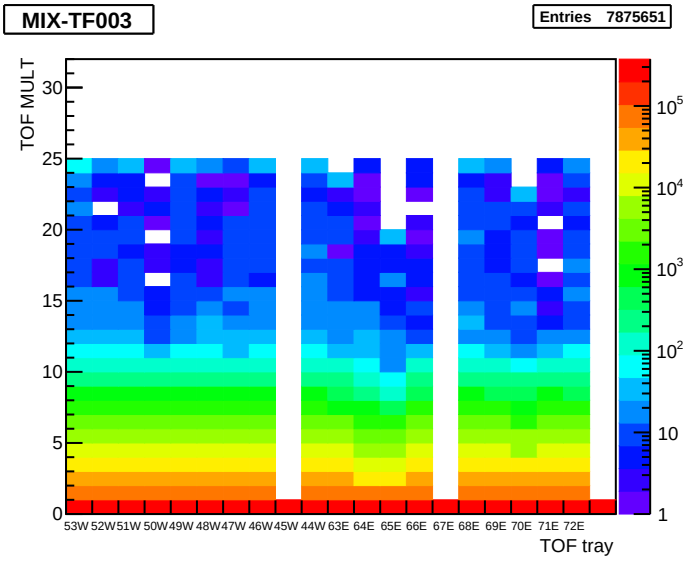

BunchId7Bit (BBC-TAC)
Entries 134887

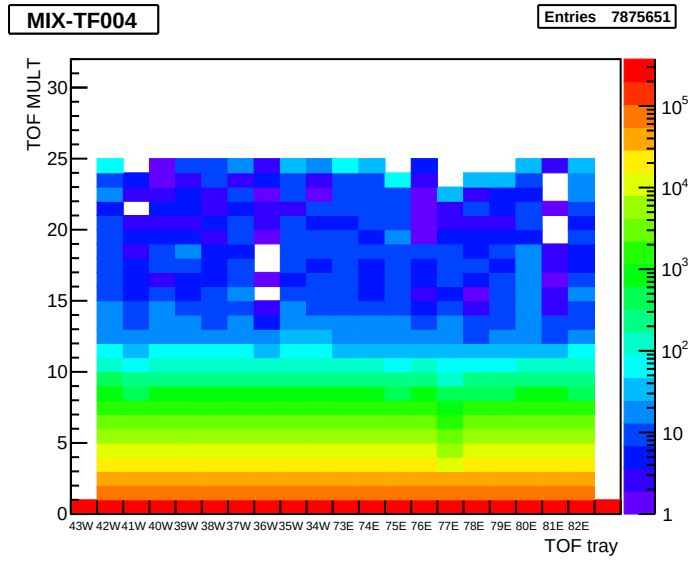

BunchId7Bit (Laser)
Entries 0

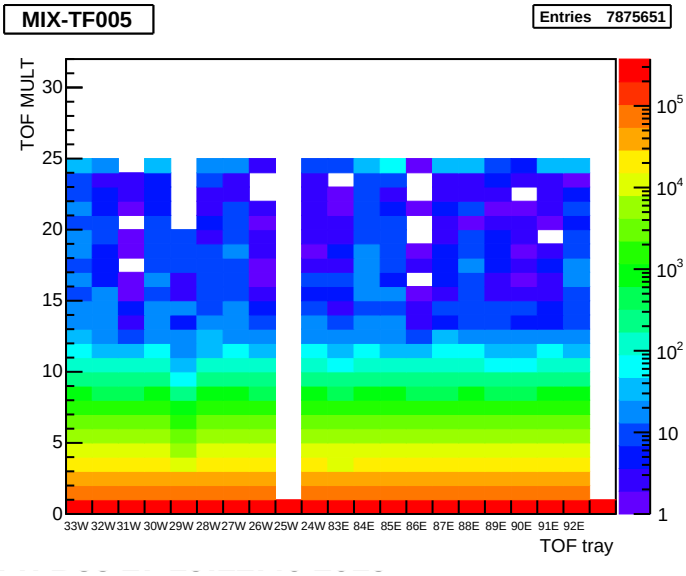

BunchId7Bit (TOFmult window)
Entries 13155

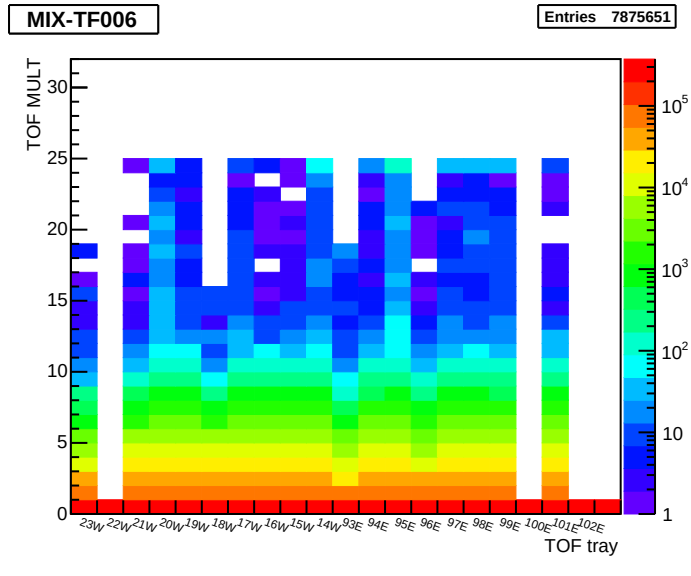

MIX-TF001
Entries 7875651
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

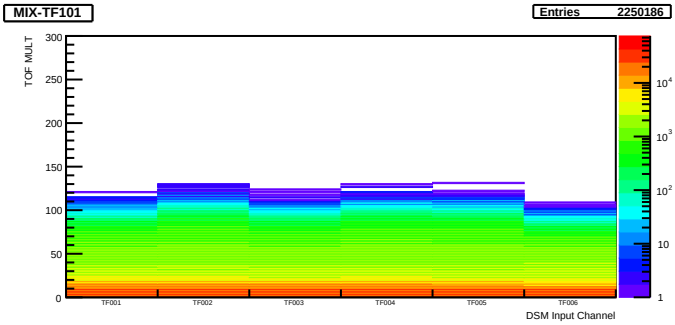

MIX-TF002
Entries 7875651
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

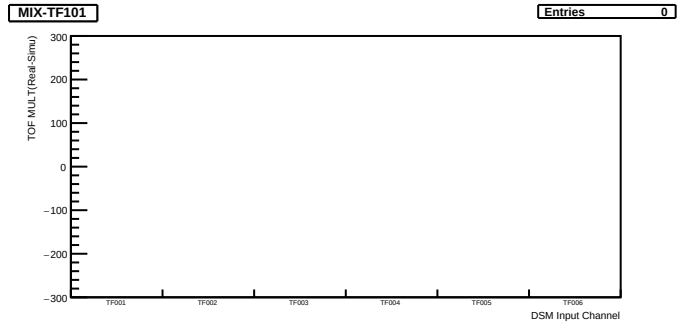

MIX-TF003
Entries 7875651
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

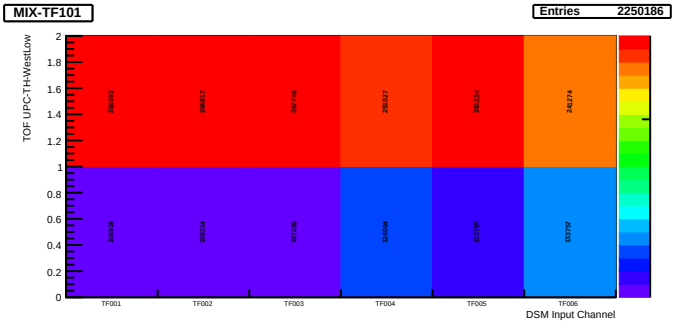

MIX-TF004
Entries 7875651
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

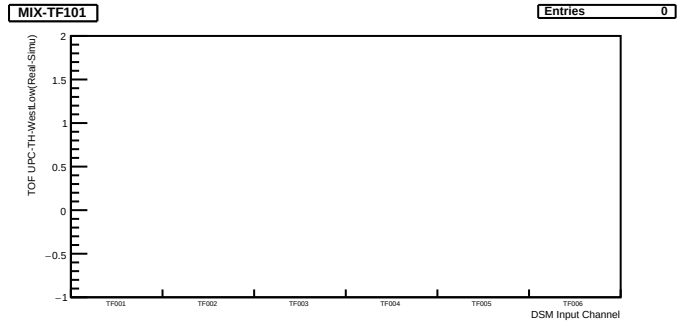

MIX-TF005
Entries 7875651
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

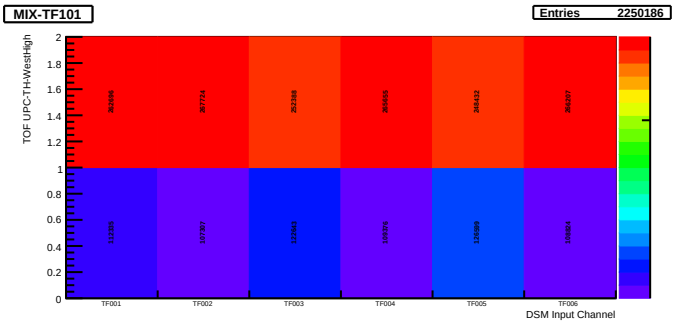

MIX-TF006
Entries 7875651
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

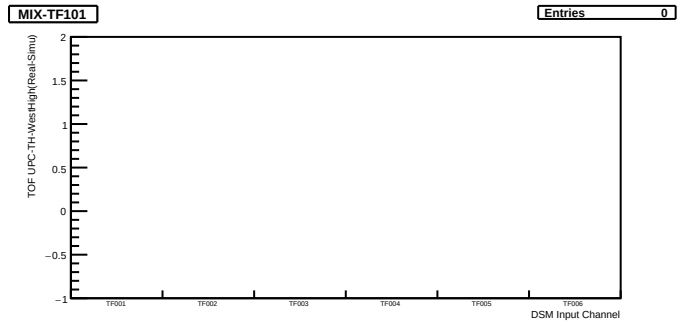

MIX-TF101
Entries 2250186
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

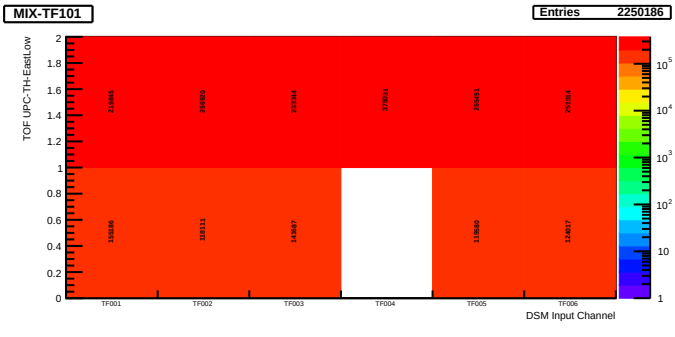

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

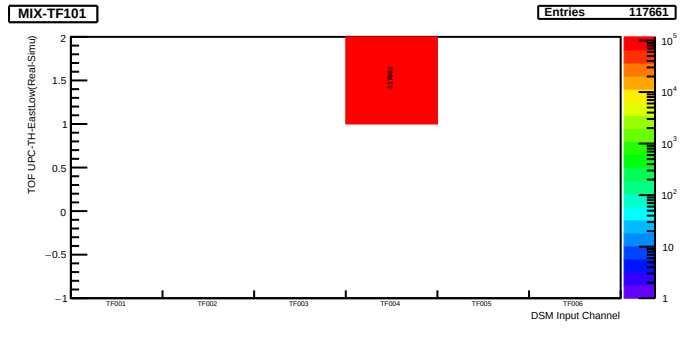

MIX-TF101
Entries 2250186
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

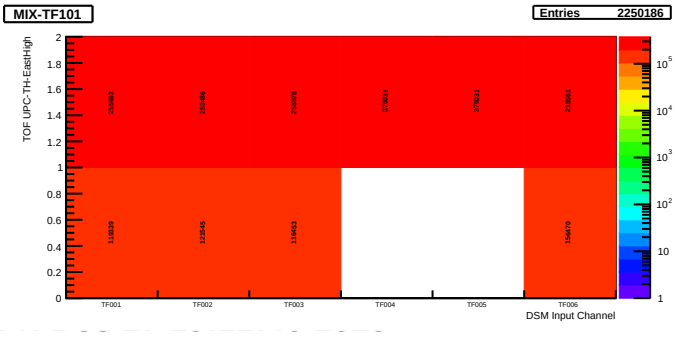

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

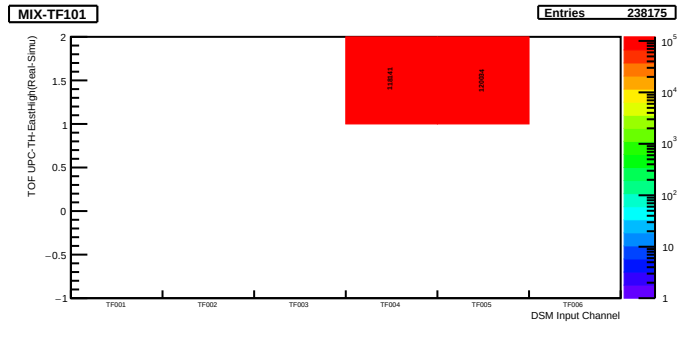

MIX-TF101
Entries 2250186
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

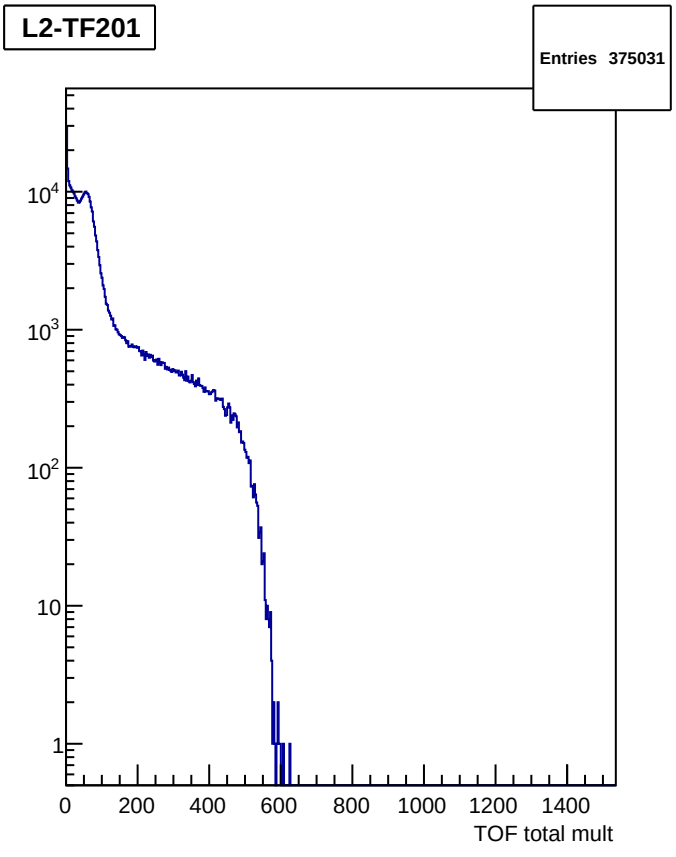

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

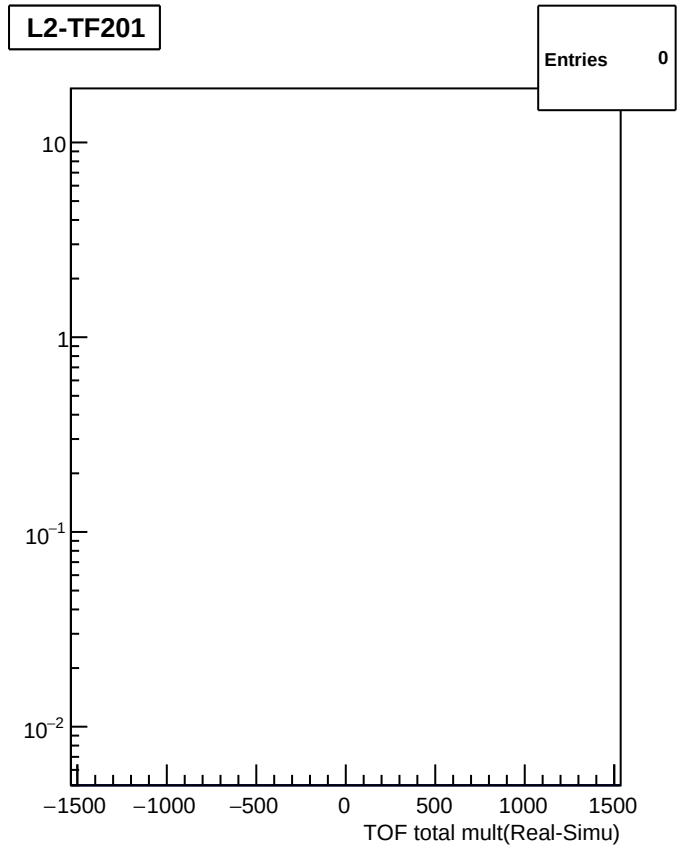

MIX-TF101
Entries 2250186
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

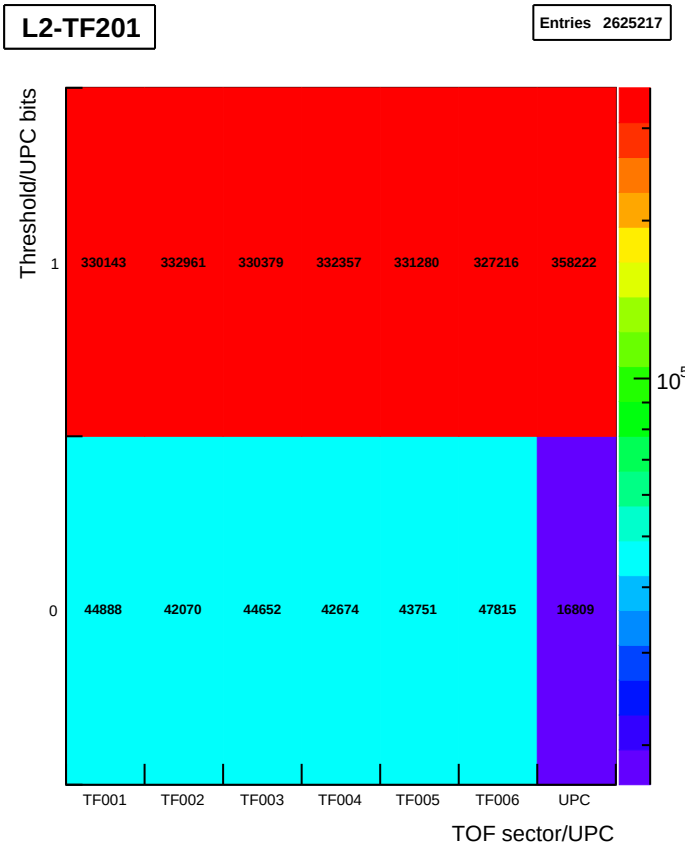

MIX-TF101
Entries 117661
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

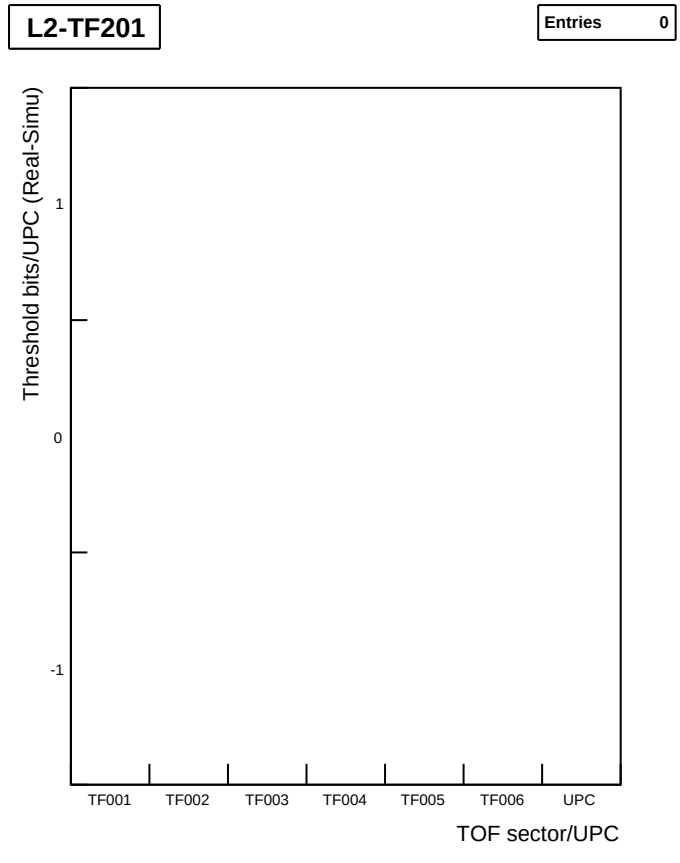

MIX-TF101
Entries 2250186
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

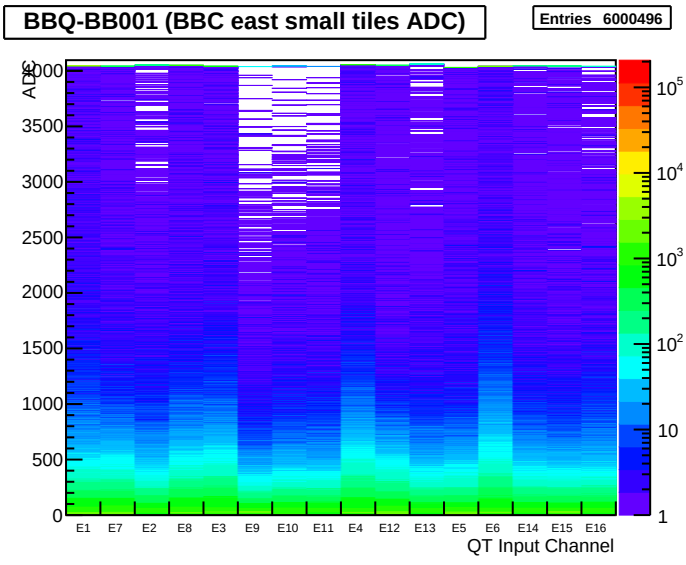

MIX-TF101
Entries 238175
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

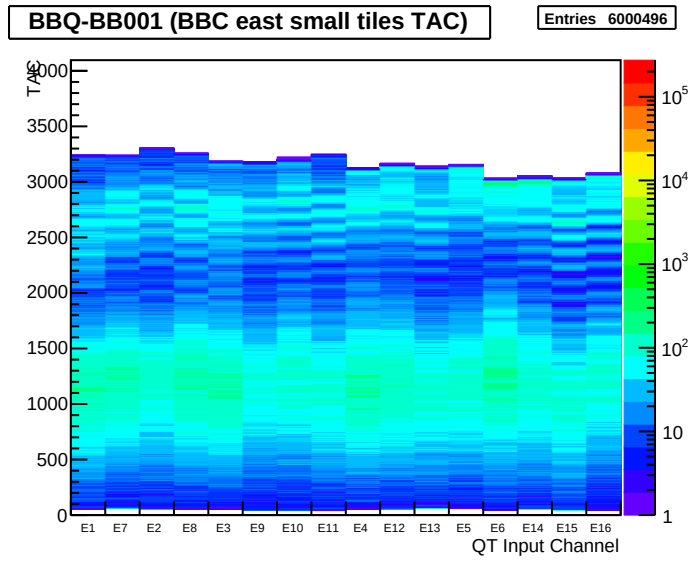

L2-TF201
Entries 375031
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

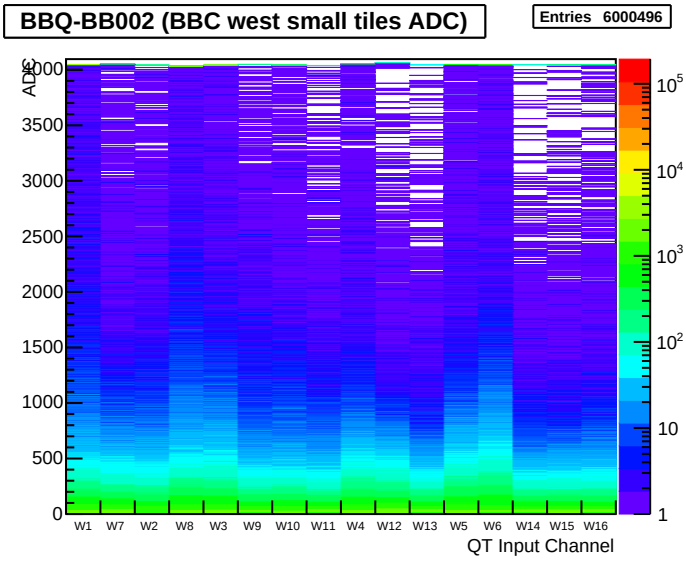

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

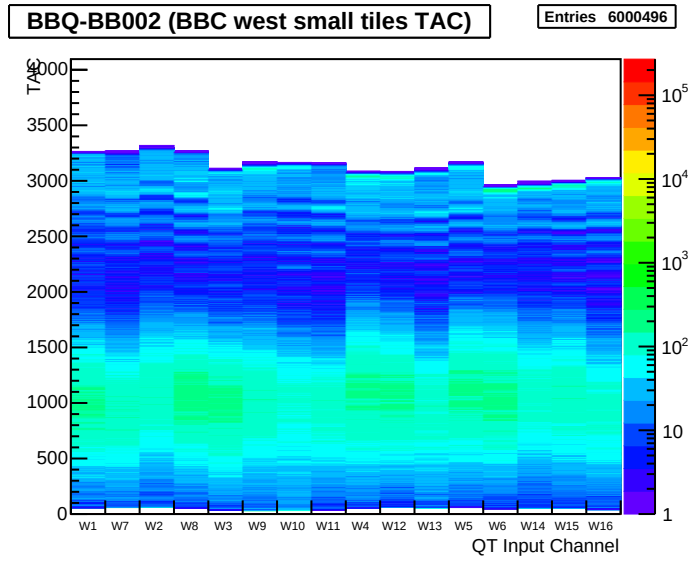

L2-TF201
Entries 2625217
Threshold/UPC bits
1
0
330143
332961
330379
332357
331280
327216
358222
44888
42070
44652
42674
43751
47815
16809
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

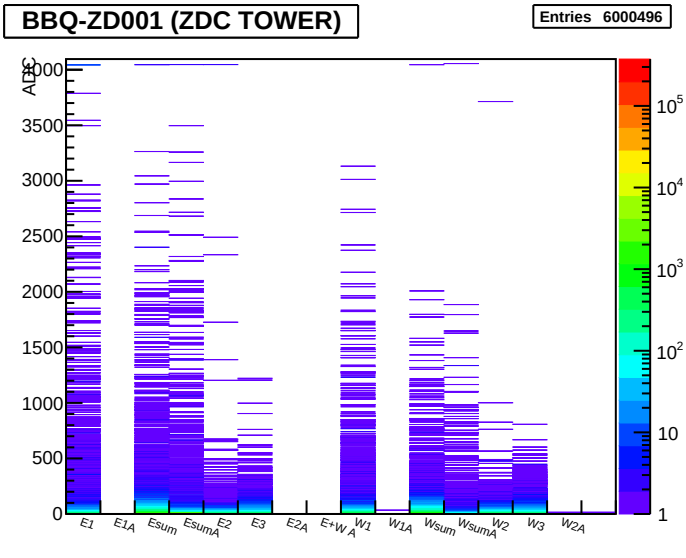

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

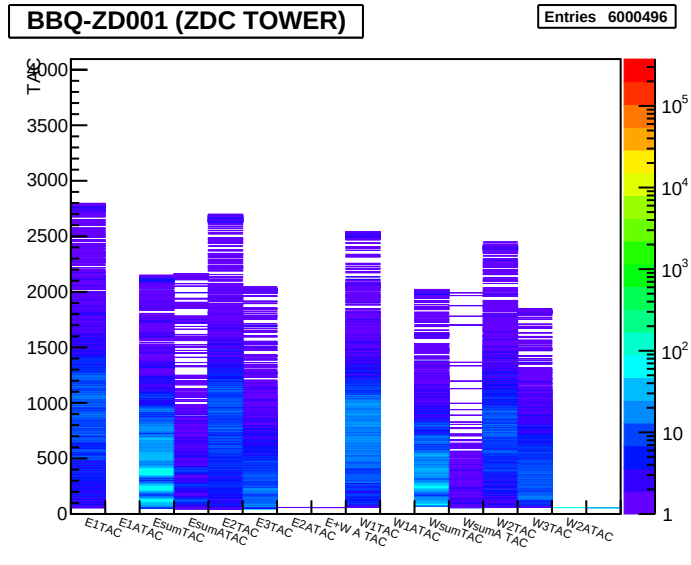

BBQ-BB001 (BBC east small tiles ADC)
Entries 6000496
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

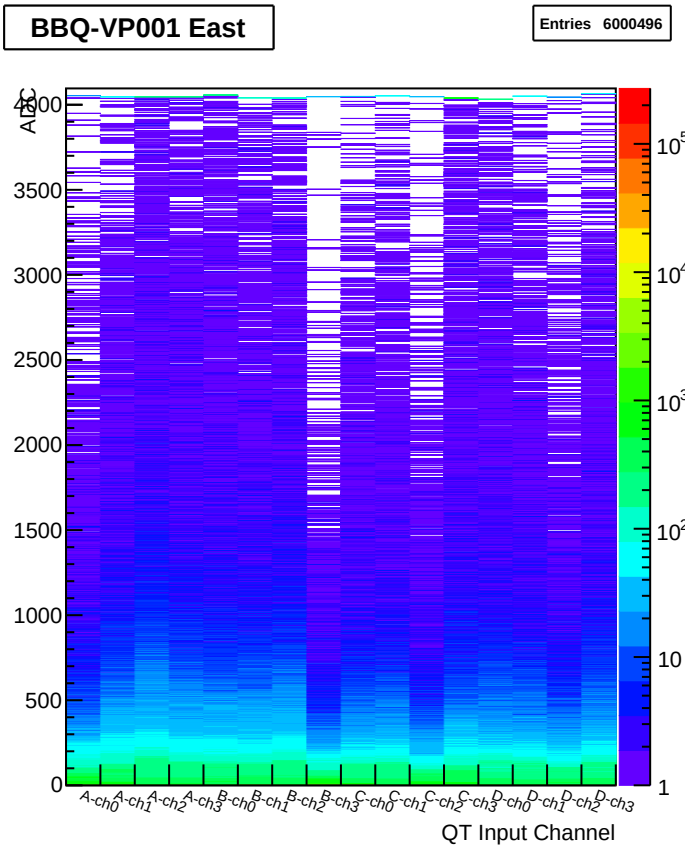

BBQ-BB001 (BBC east small tiles TAC)
Entries 6000496
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

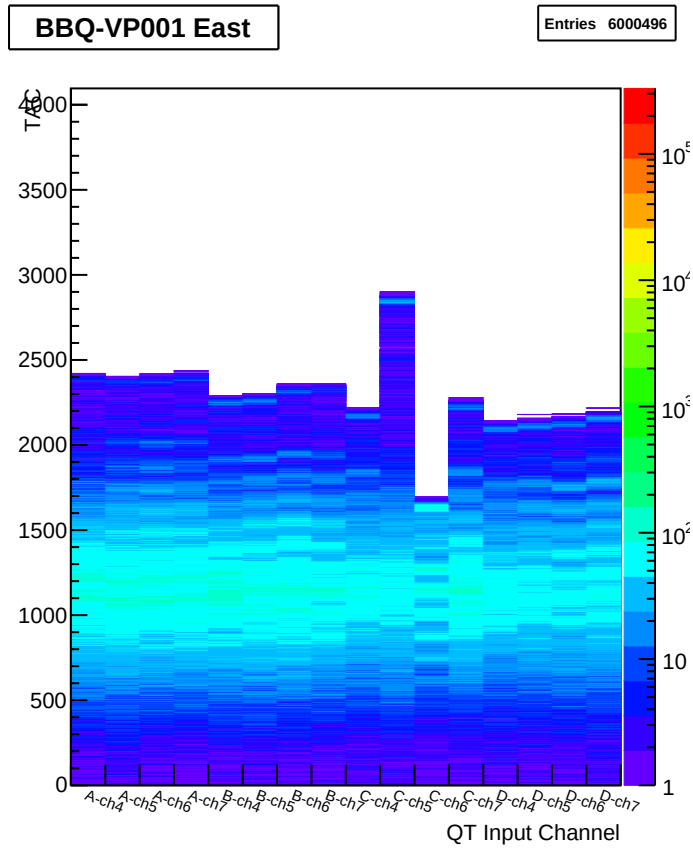

BBQ-BB002 (BBC west small tiles ADC)
Entries 6000496
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

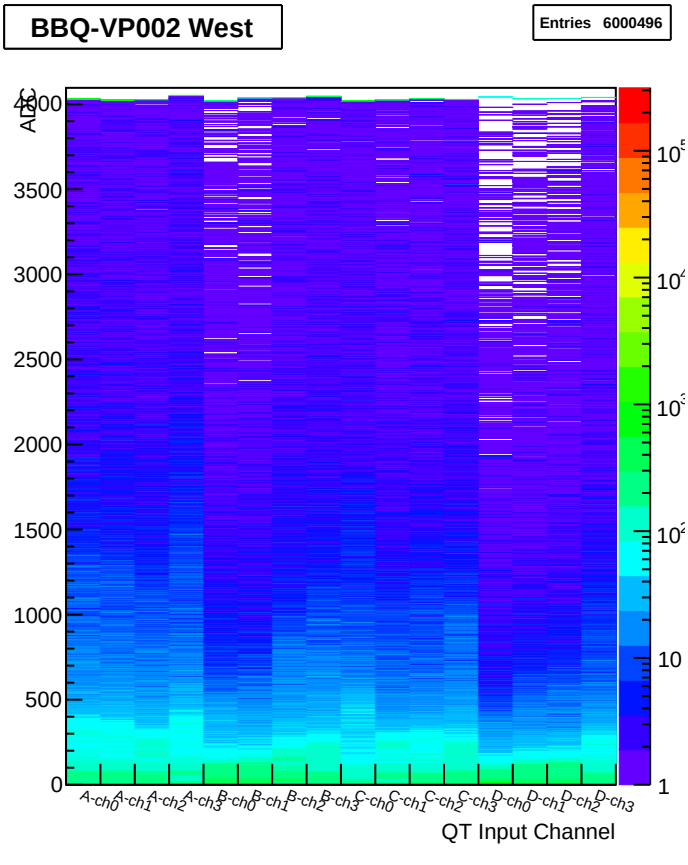

BBQ-BB002 (BBC west small tiles TAC)
Entries 6000496
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

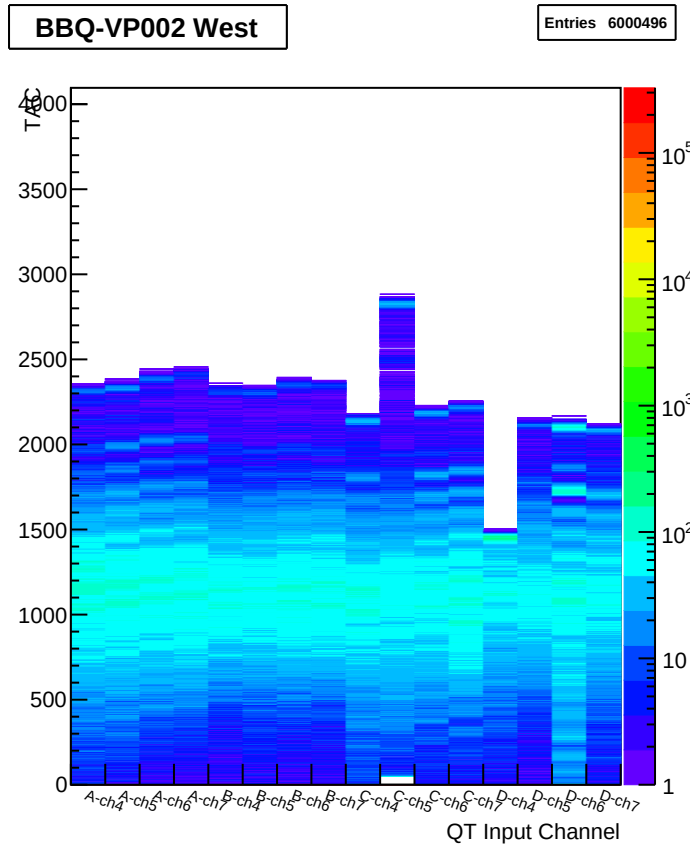

BBQ-ZD001 (ZDC TOWER)
Entries 6000496
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

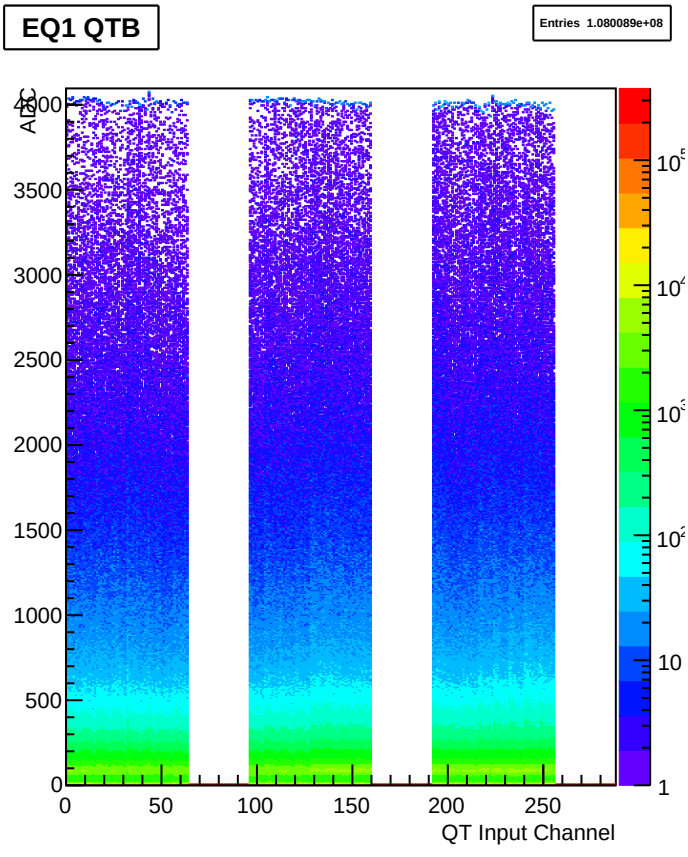

BBQ-ZD001 (ZDC TOWER)
Entries 6000496
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

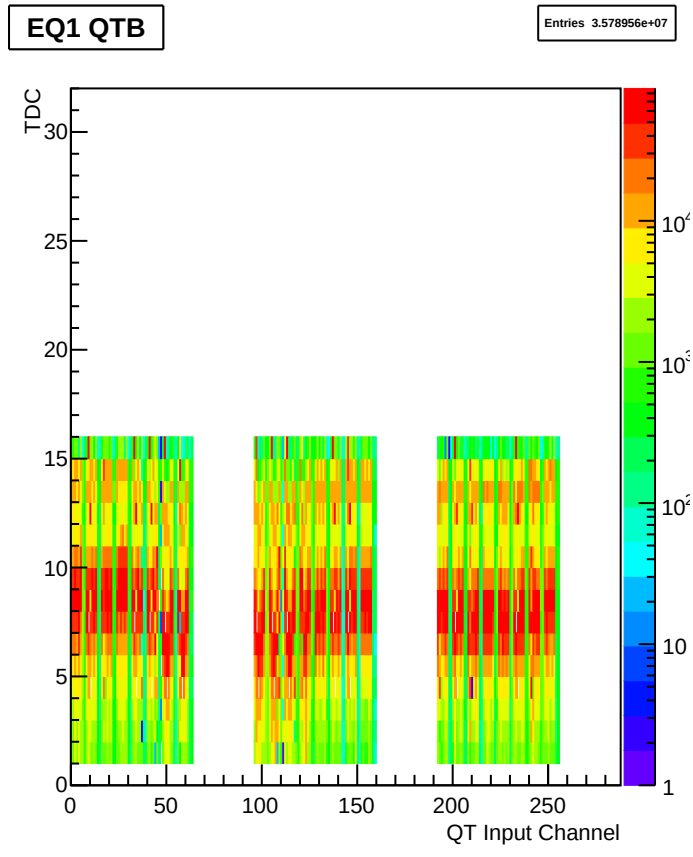

BBQ-VP001 East
Entries 6000496
ADC
QT Input Channel

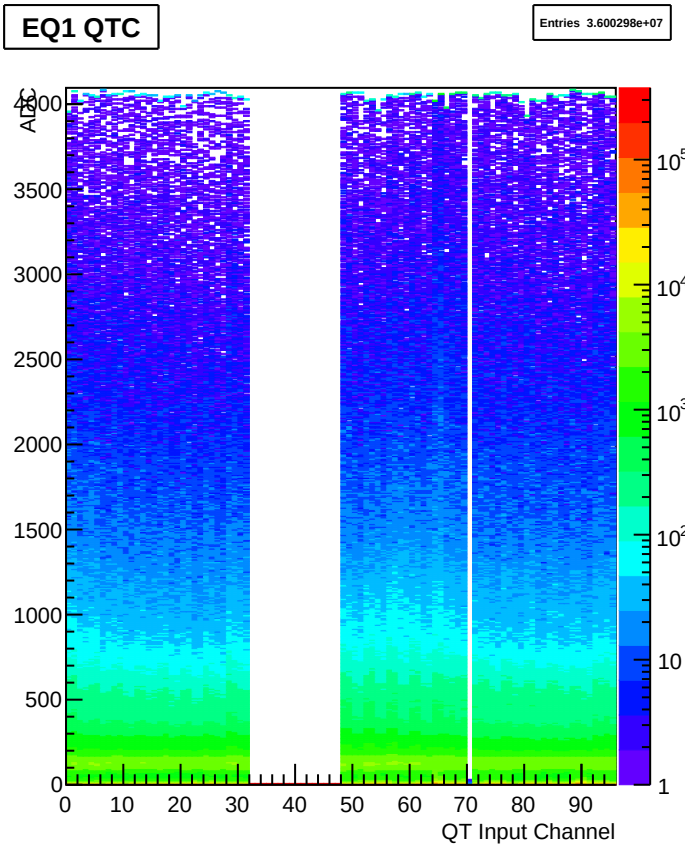

BBQ-VP001 East
Entries 6000496
TADC
QT Input Channel

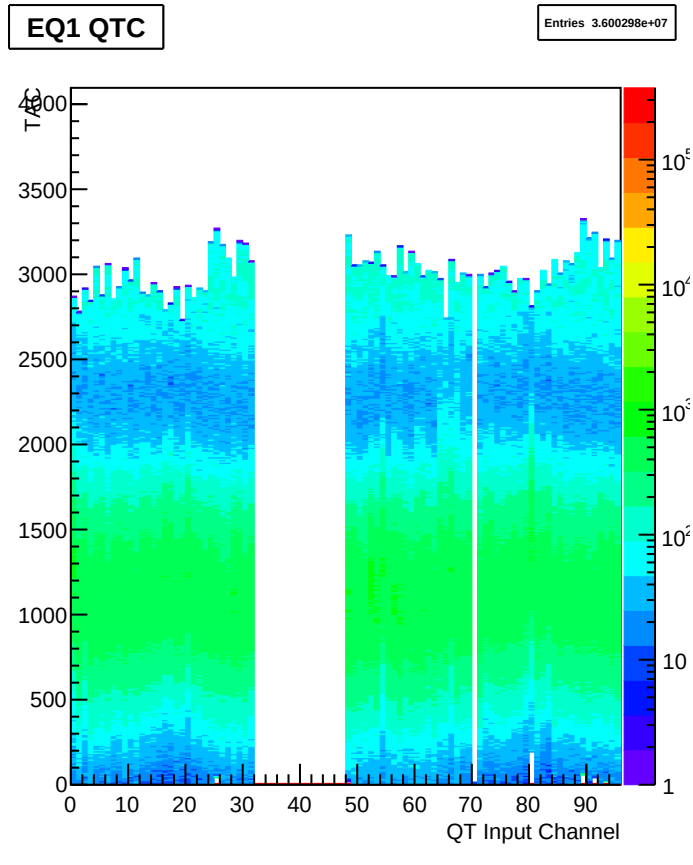

BBQ-VP002 West
Entries 6000496
ADC
QT Input Channel

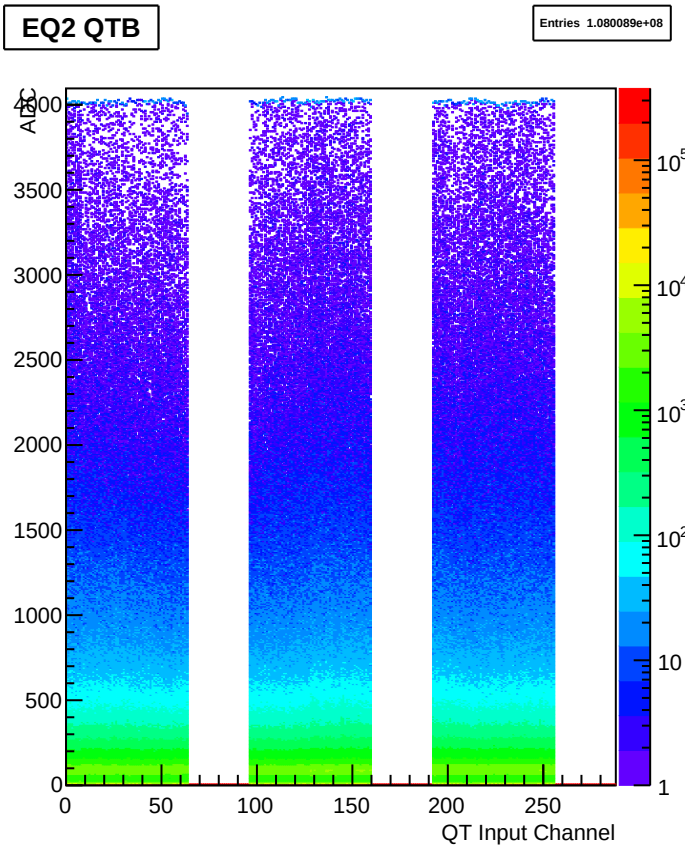

BBQ-VP002 West
Entries 6000496
TADC
QT Input Channel

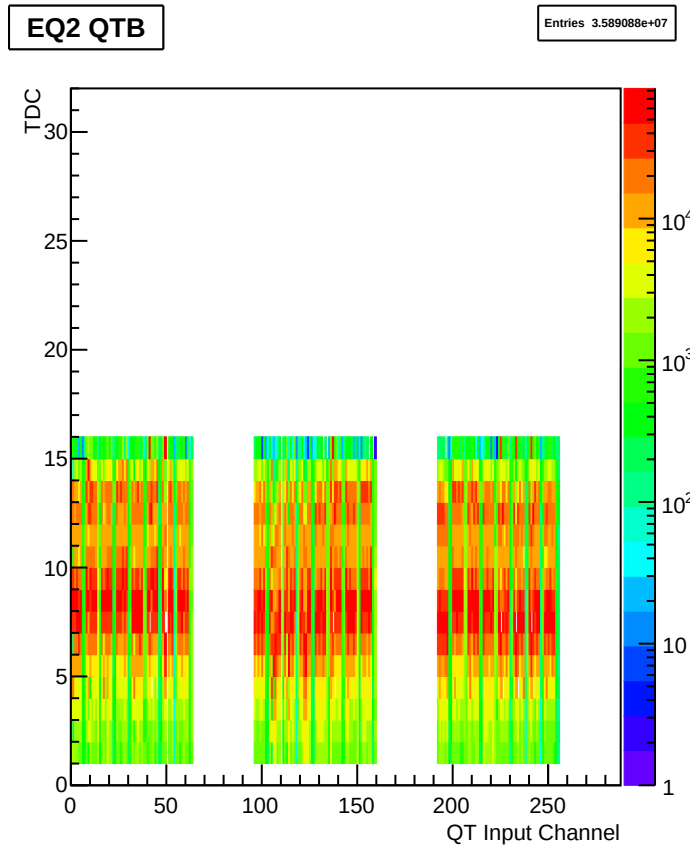

EQ1 QTB
Entries 1.080089e+08
ADC
QT Input Channel

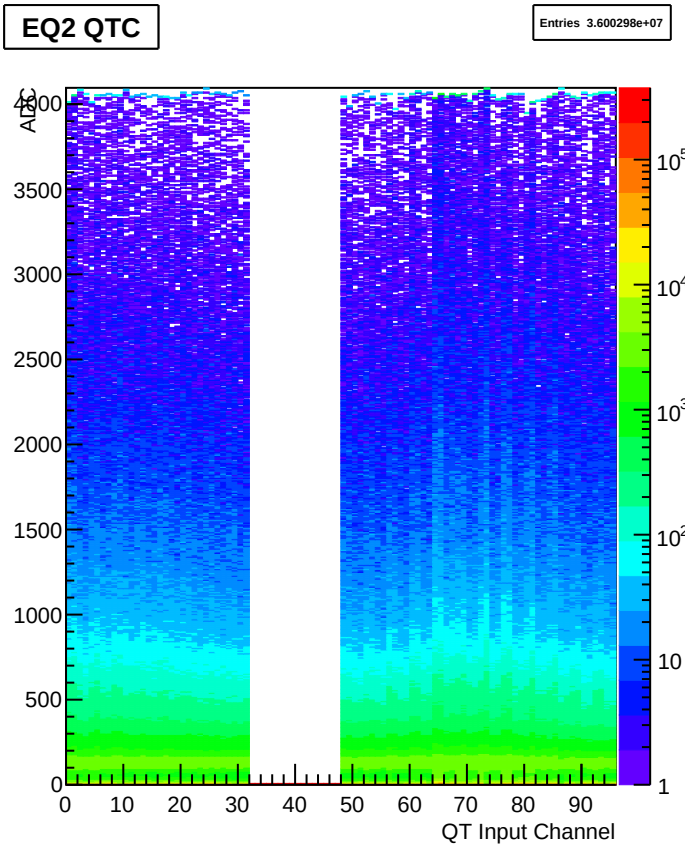

EQ1 QTB
Entries 3.578956e+07
TDC
QT Input Channel

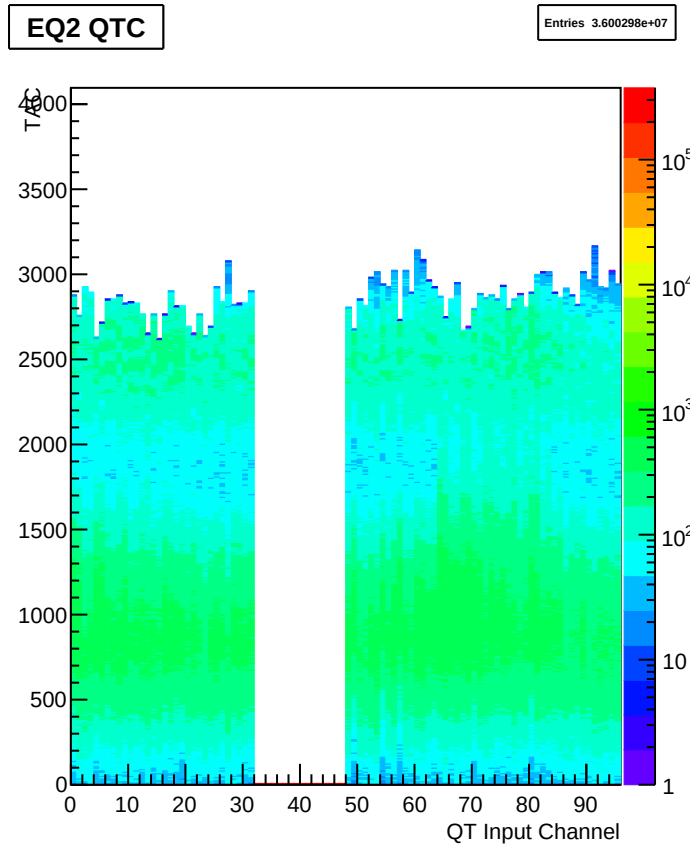

EQ1 QTC
Entries 3.600298e+07
ADC
QT Input Channel

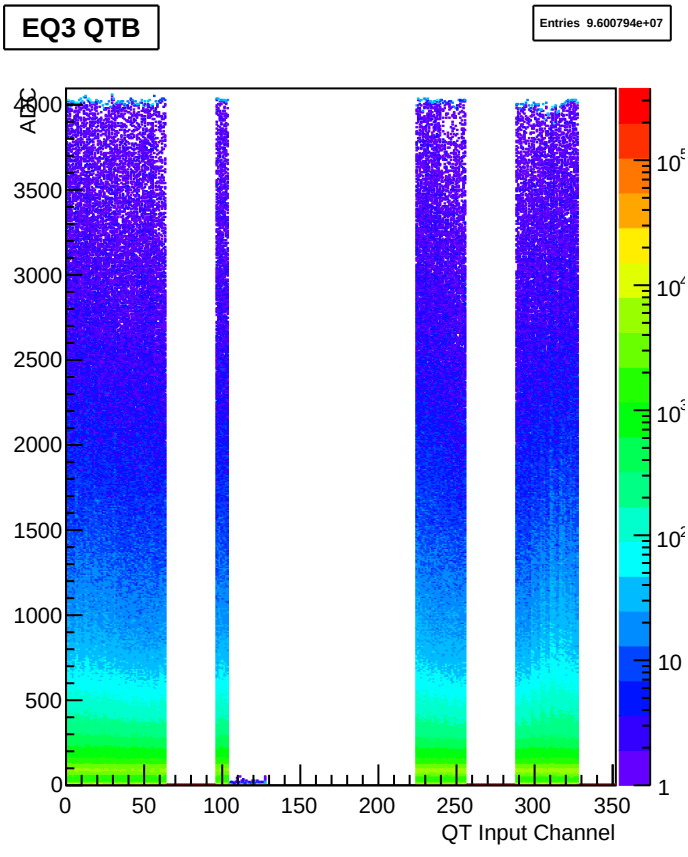

EQ1 QTC
Entries 3.600298e+07
TADC
QT Input Channel

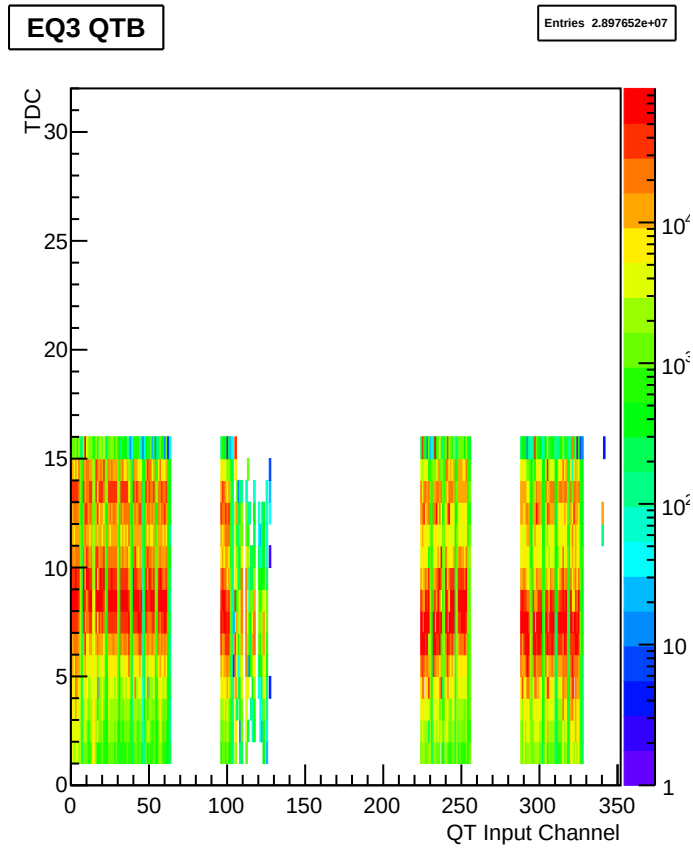

EQ2 QTB
Entries 1.080089e+08
ADC
QT Input Channel

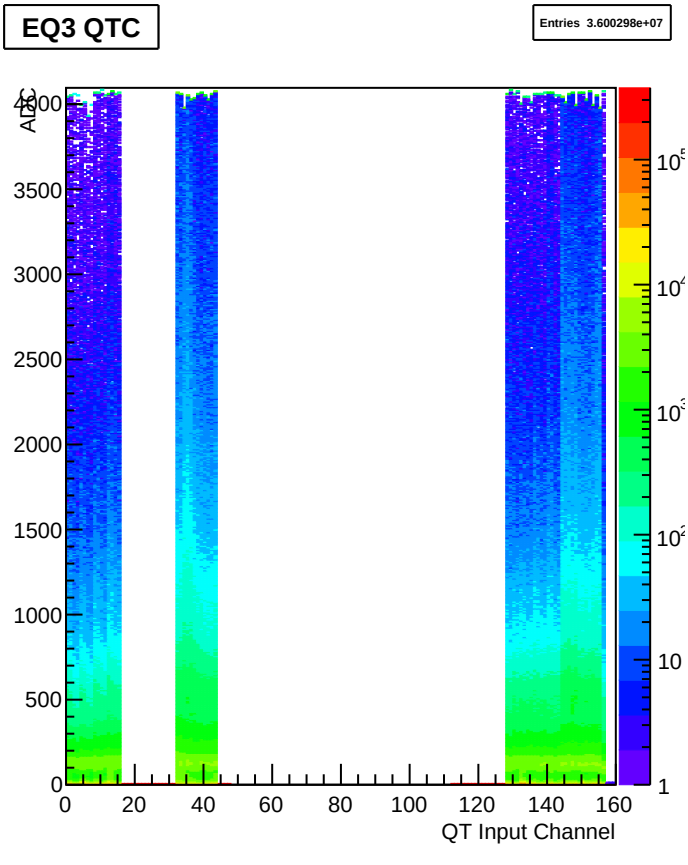

EQ2 QTB
Entries 3.589088e+07
TDC
QT Input Channel

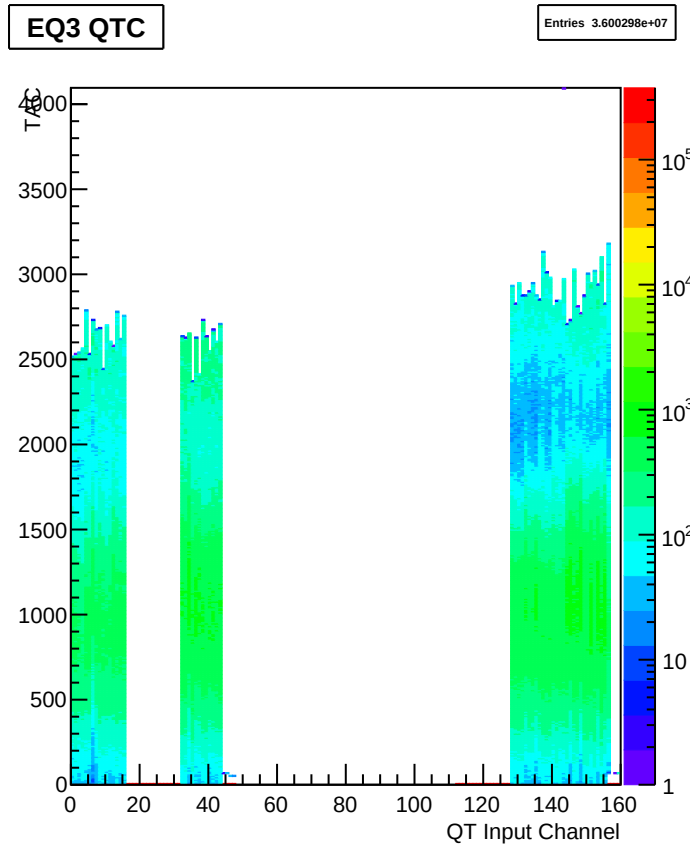

EQ2 QTC
Entries 3.600298e+07
ADC
QT Input Channel

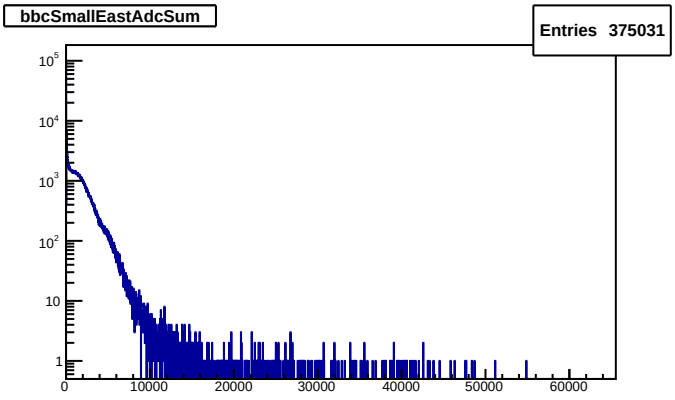

EQ2 QTC
Entries 3.600298e+07
TADC
QT Input Channel

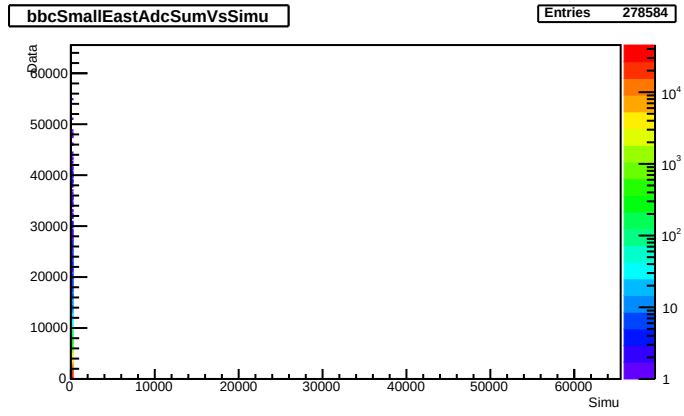

EQ3 QTB
Entries 9.600794e+07
ADC
QT Input Channel

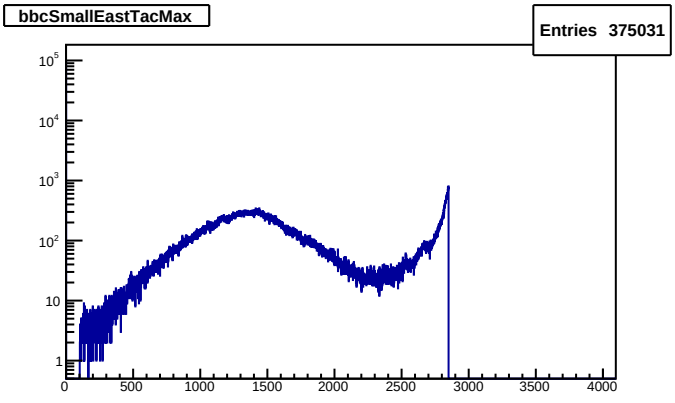

EQ3 QTB
Entries 2.897652e+07
TDC
QT Input Channel

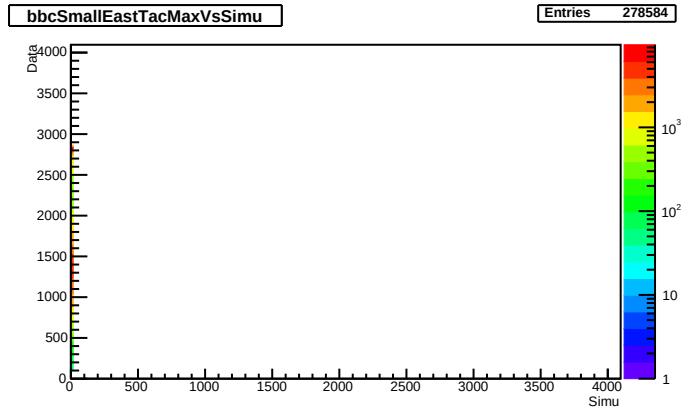

EQ3 QTC
Entries 3.600298e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.600298e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 375031


bbcSmallEastAdcSumVsSimu
Entries 278584
Data
Simu


bbcSmallEastTacMax
Entries 375031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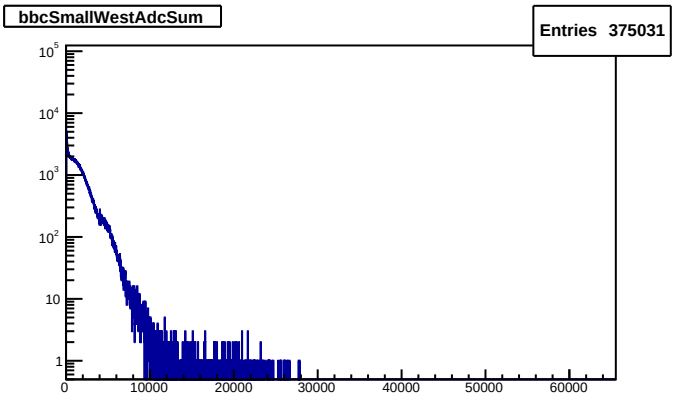
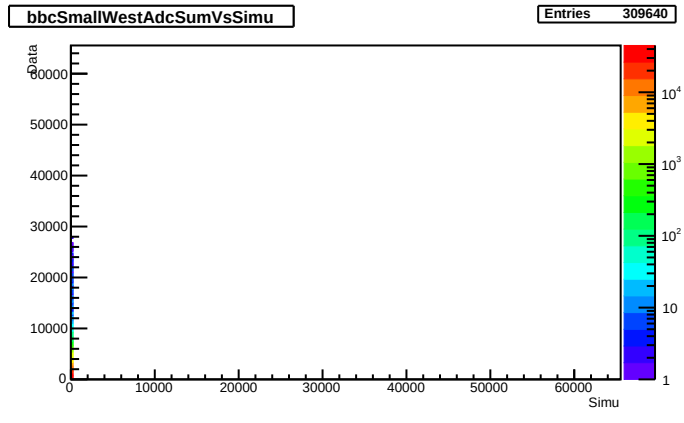
Entries 278584
Data
Simu


bbcSmallWestAdcSum
Entries 375031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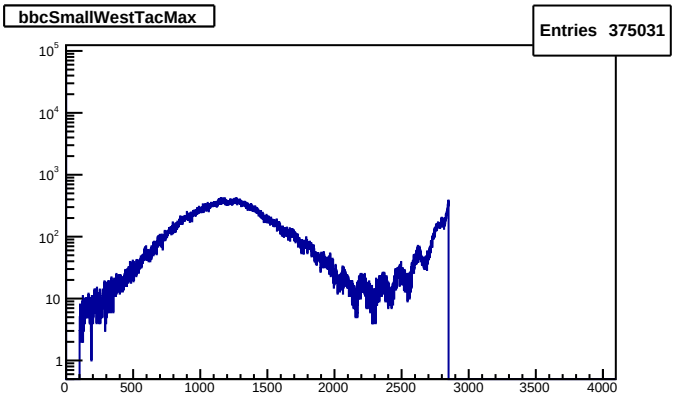
Entries 309640
Data
Simu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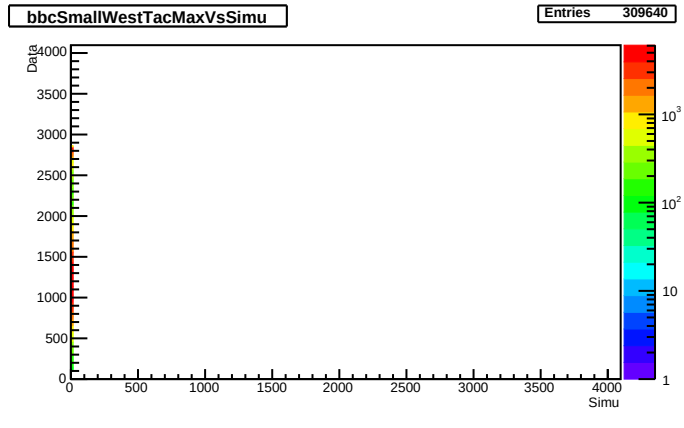
Entries 375031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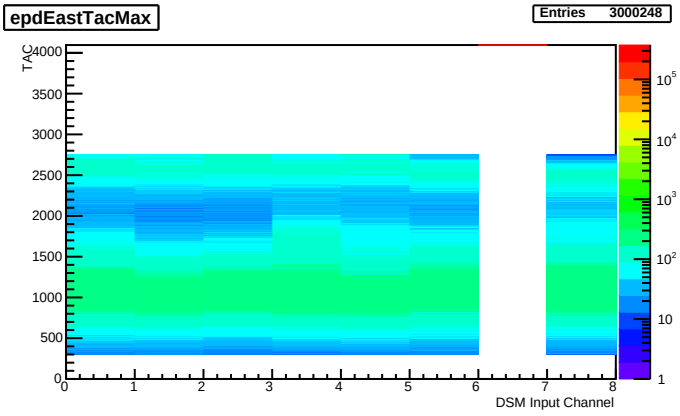
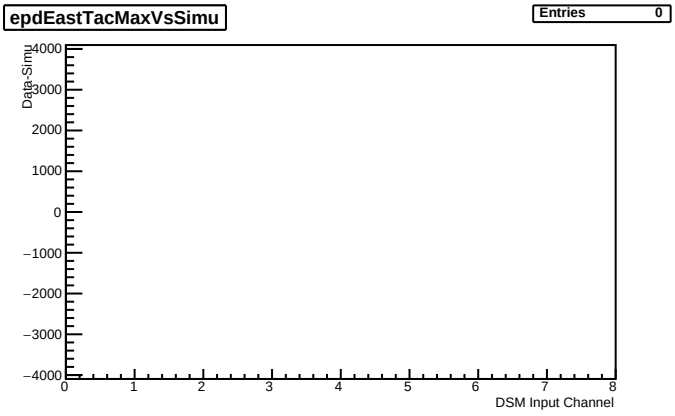
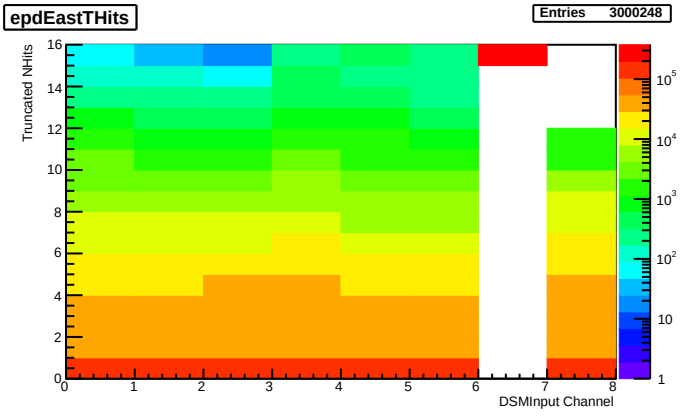
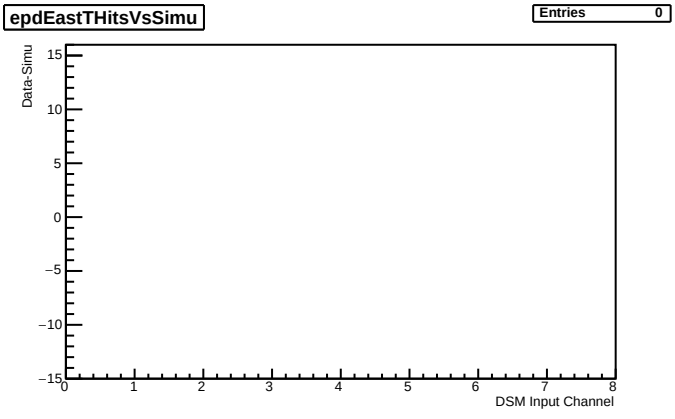
Entries 309640
Data
Simu


epdEastTacMax
Entries 3000248
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3000248
Truncated NHits
DSMInput Channel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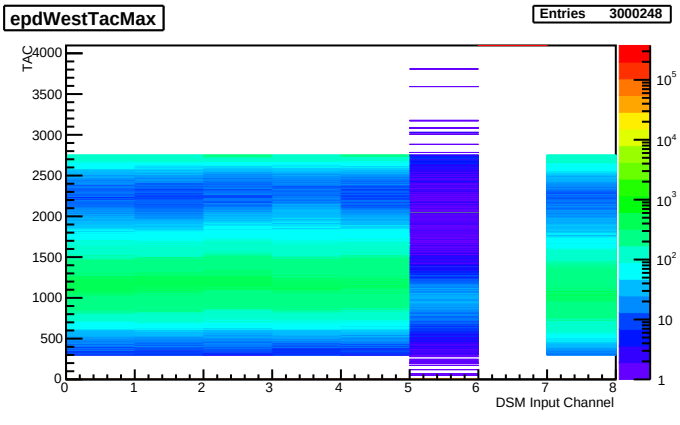
Data-Simu
DSM Input Channel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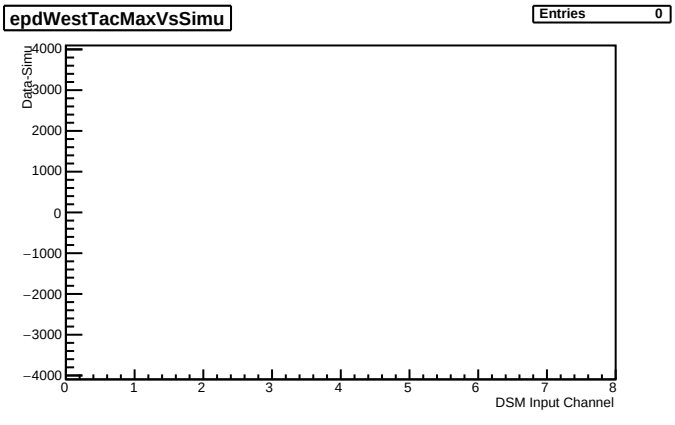
TAC
DSM Input Channel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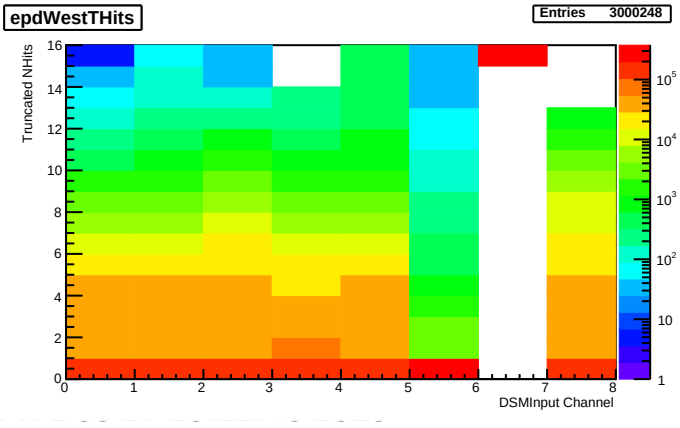
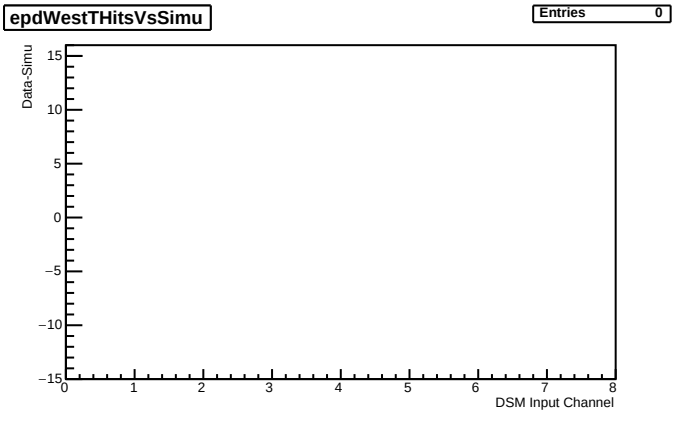
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3000248
Truncated NHits
DSMInput Channel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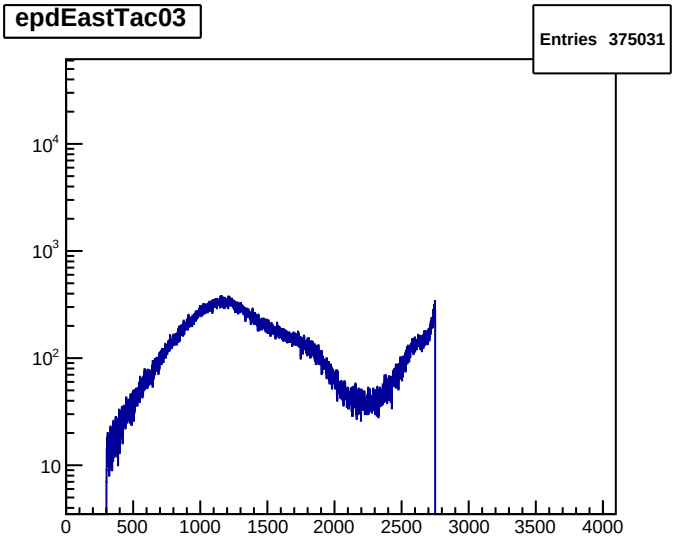
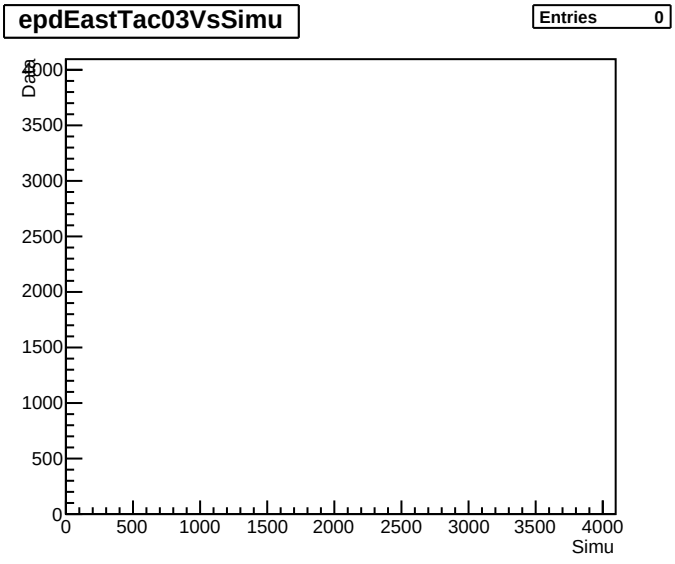
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 375031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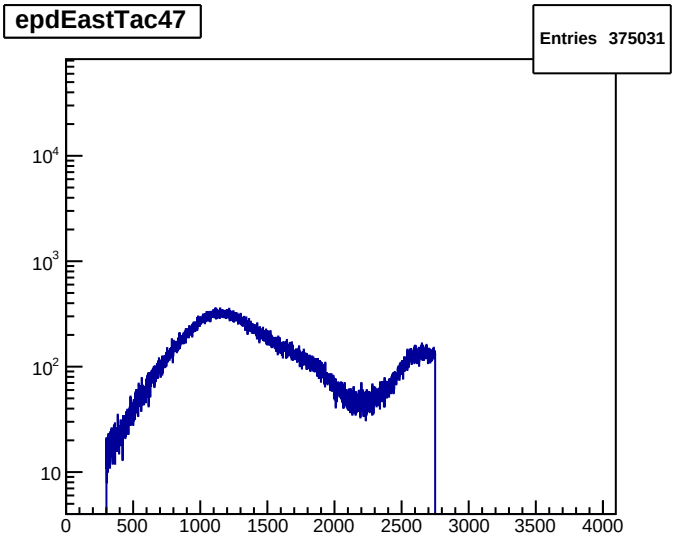
Entries 0
Data
Simu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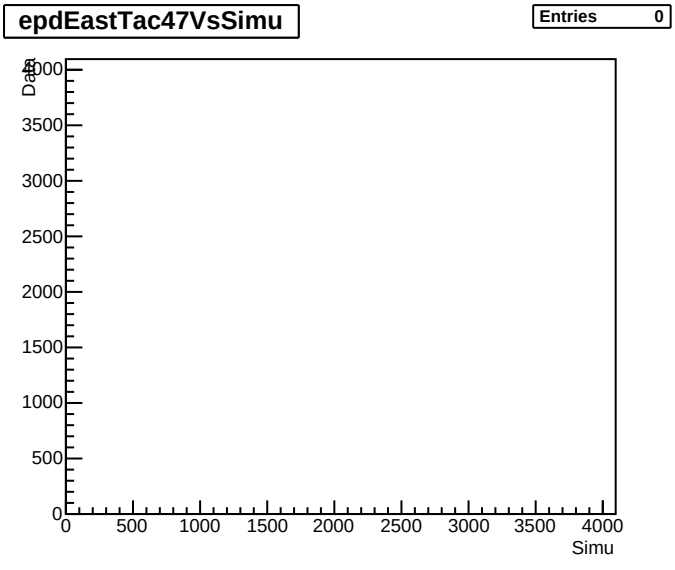
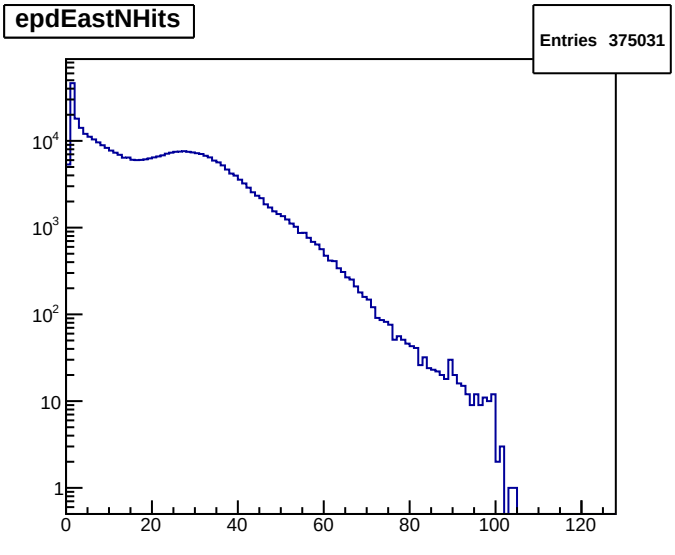
Entries 375031


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
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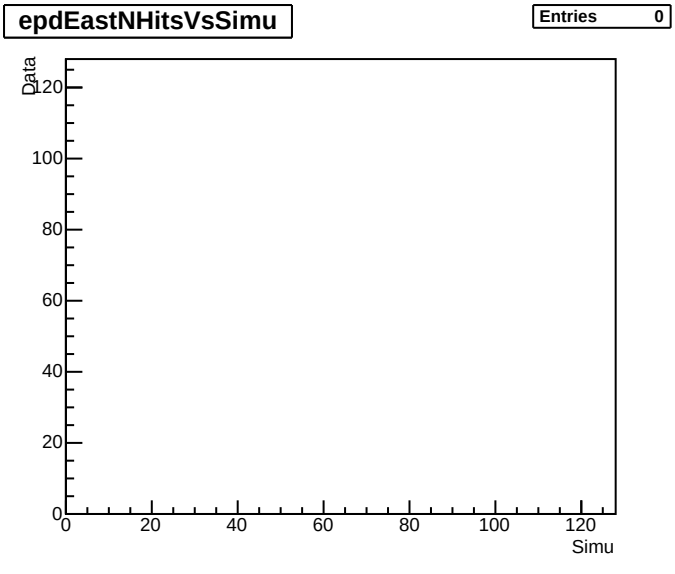
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Entries 0
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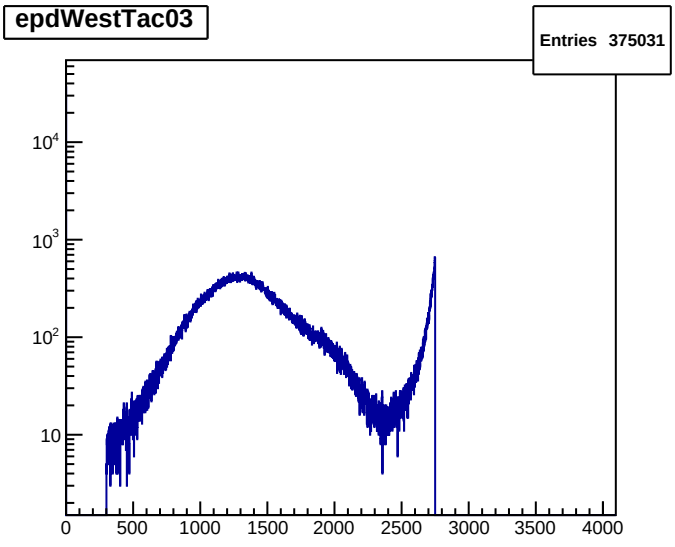
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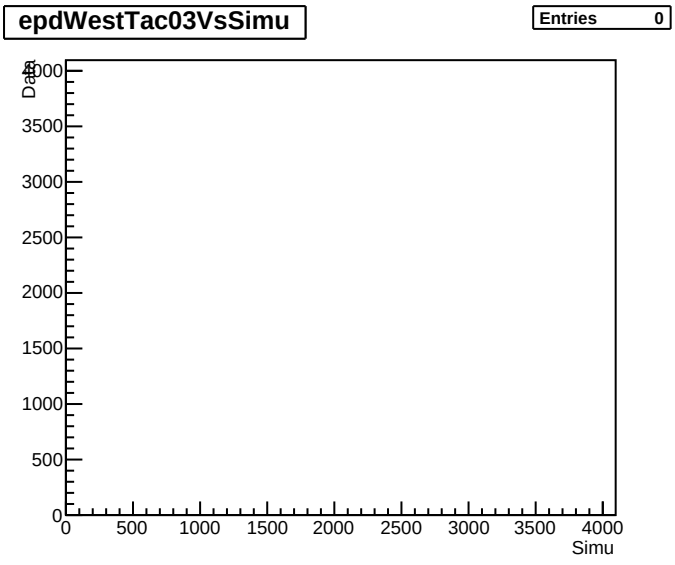
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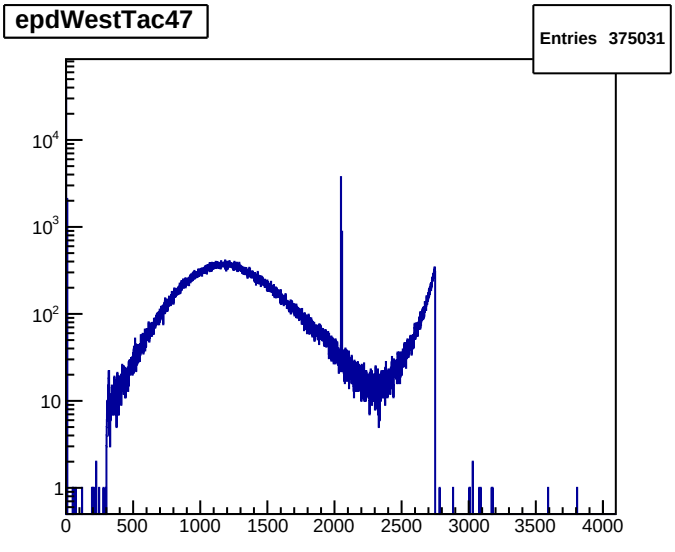
Entries 0
Data
Simu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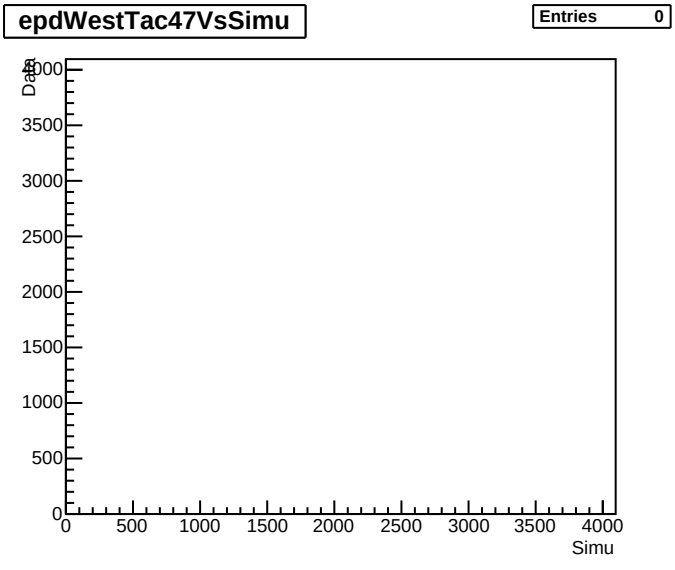
Entries 375031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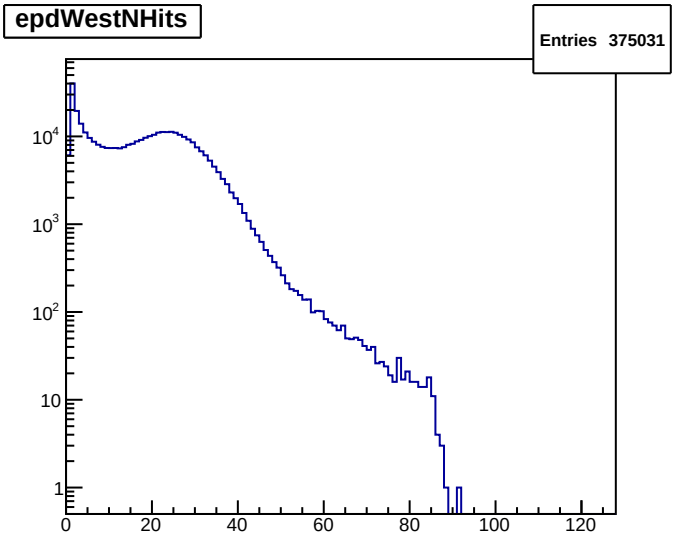
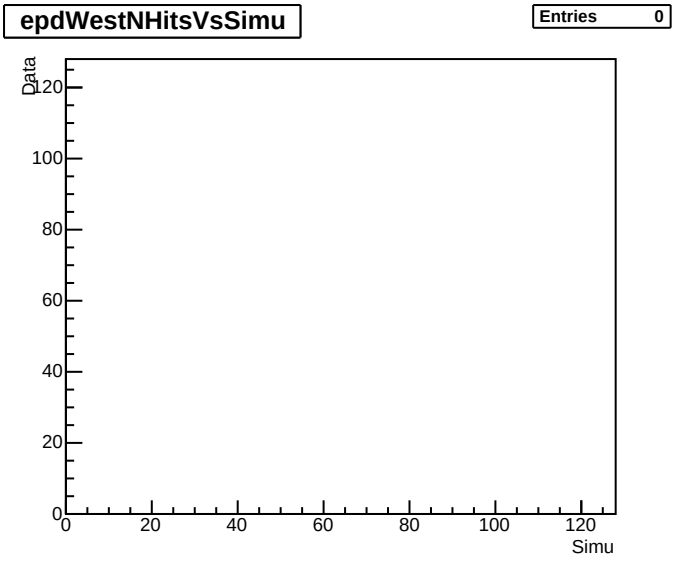
Entries 0
Data
Simu


epdWestNHits
Entries 375031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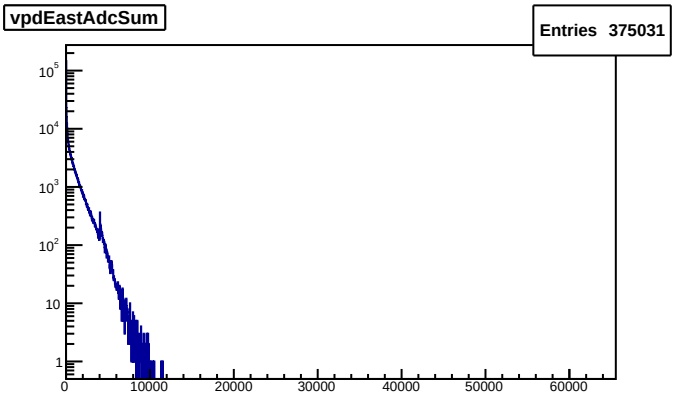
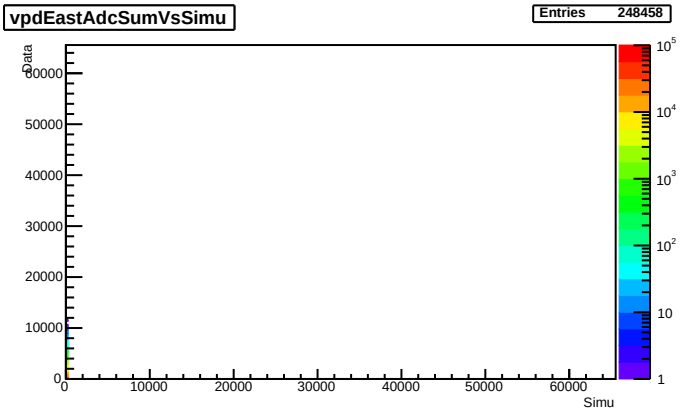
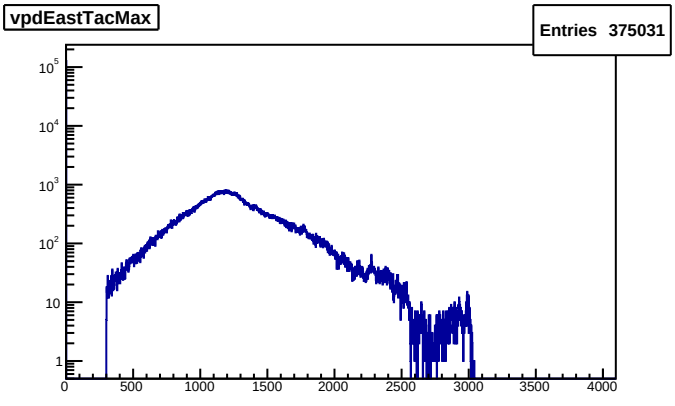
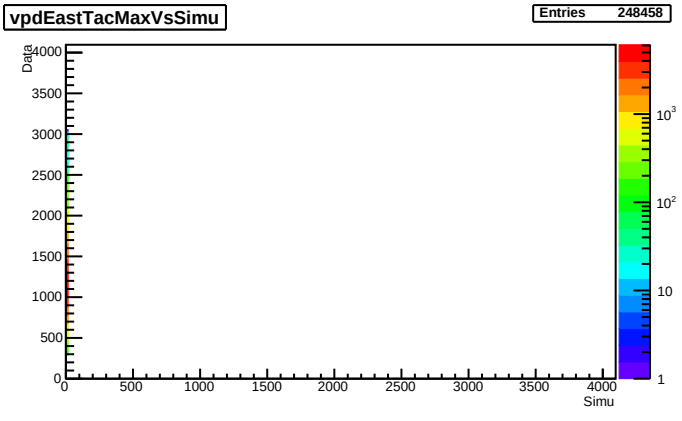
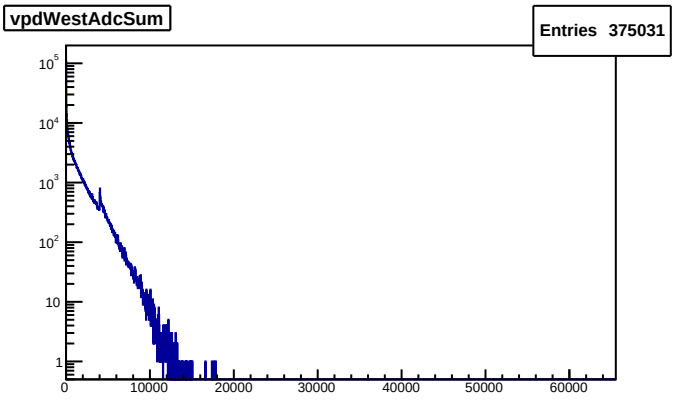
Entries 0
Data
Simu

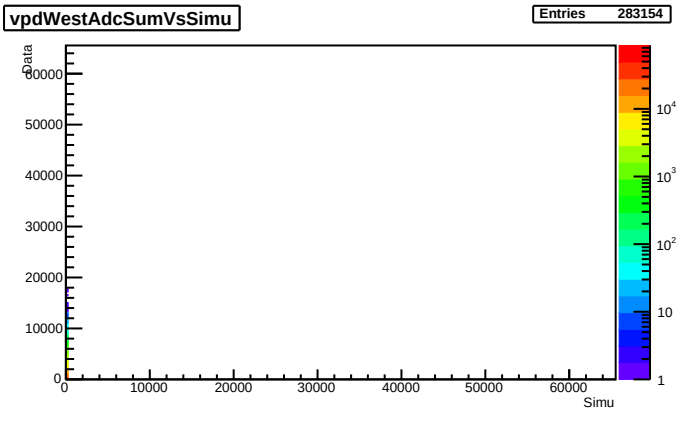

vpdEastAdcSum
Entries 375031

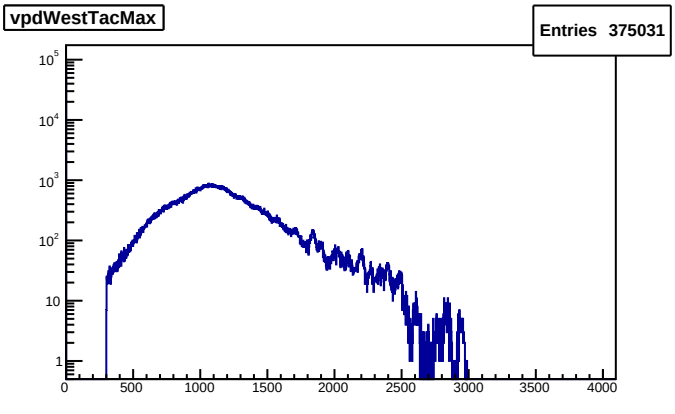

vpdEastAdcSumVsSimu
Entries 248458
Data
Simu

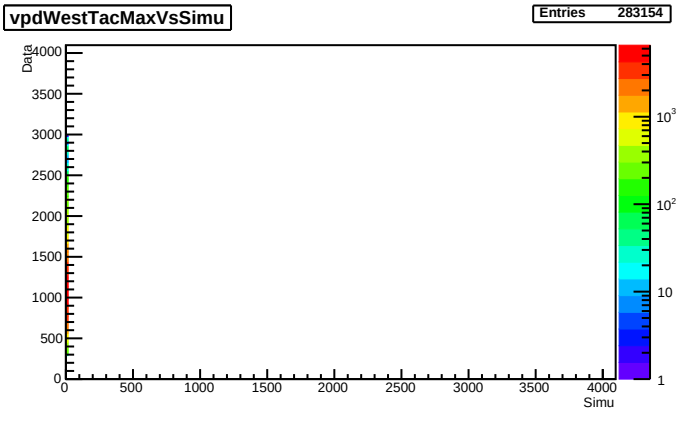

vpdEastTacMax
Entries 375031

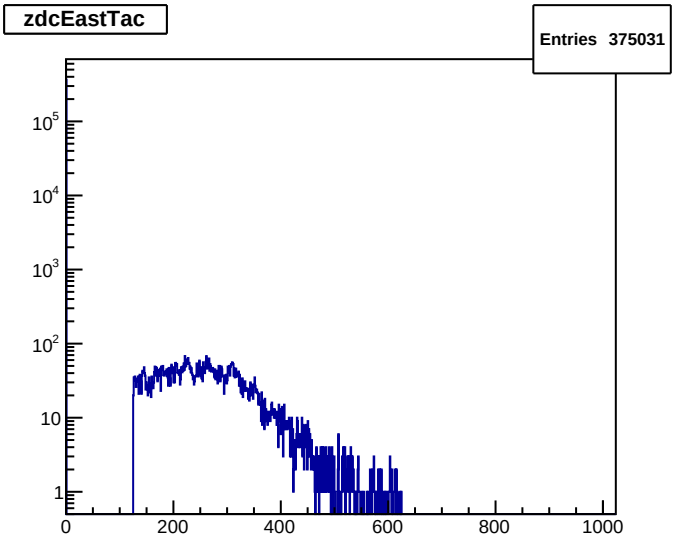

vpdEastTacMaxVsSimu
Entries 248458
Data
Simu

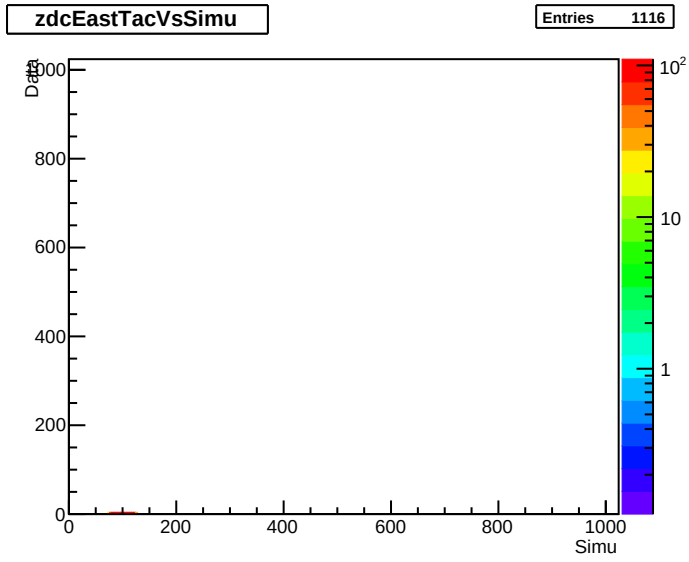

vpdWestAdcSum
Entries 375031

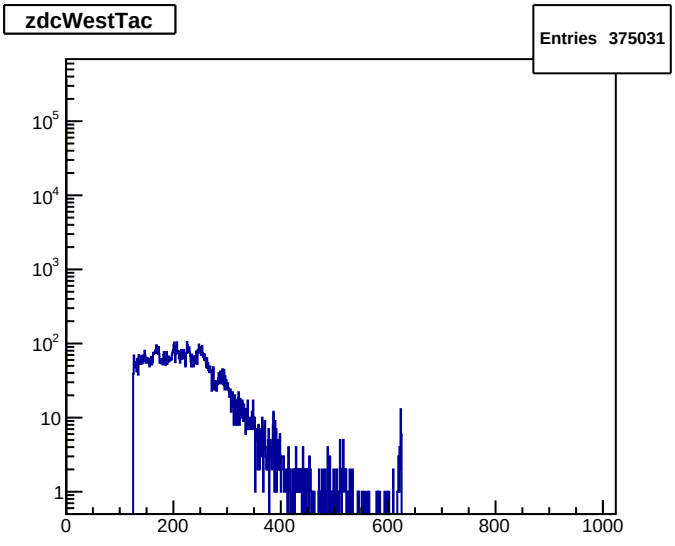

vpdWestAdcSumVsSimu
Entries 283154
Data
Simu

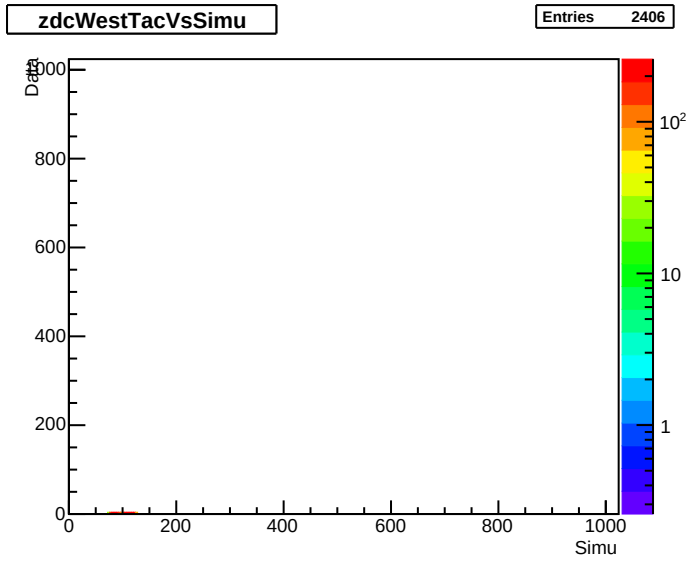

vpdWestTacMax
Entries 375031

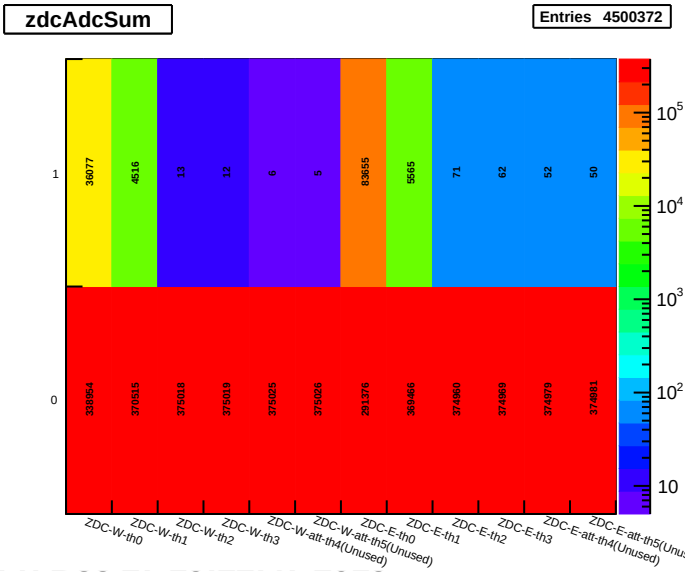

vpdWestTacMaxVsSimu
Entries 283154
Data
Simu


zdcEastTac
Entries 375031


zdcEastTacVsSimu
Entries 1116
Data
Simu


zdcWestTac
Entries 375031


zdcWestTacVsSimu
Entries 2406
Data
Simu


zdcAdcSum
Entries 4500372
36077
4516
13
12
6
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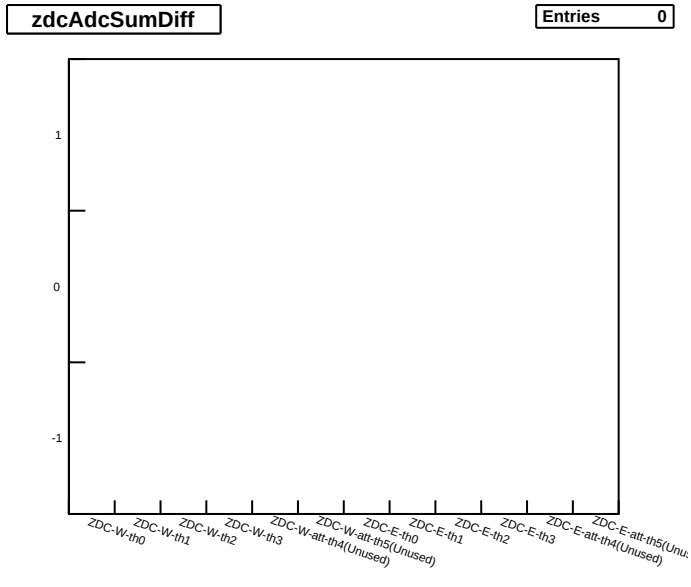
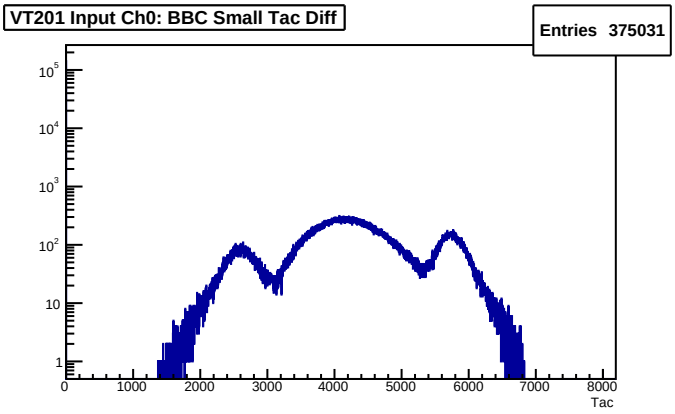
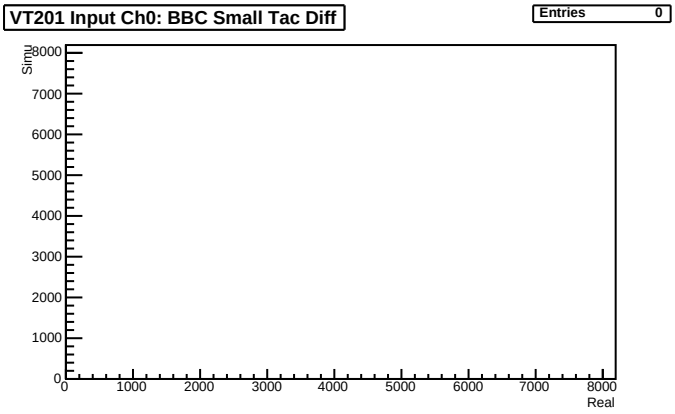
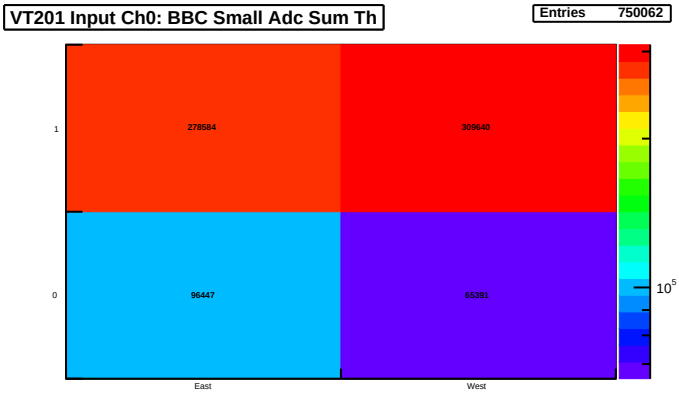
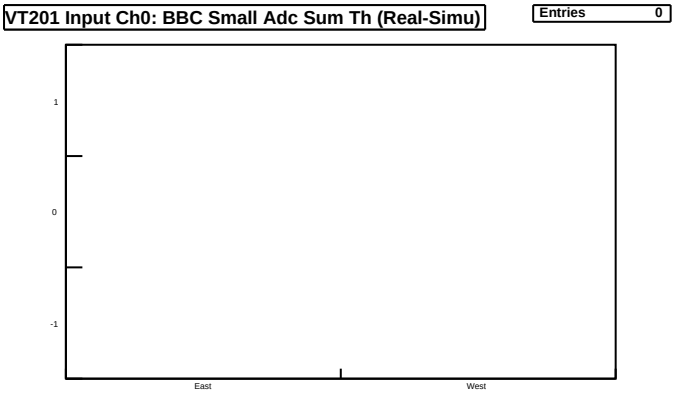
83655
5565
71
62
52
50
338954
370515
375018
375019
375025
375026
291376
369466
374960
374969
374970
374981
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

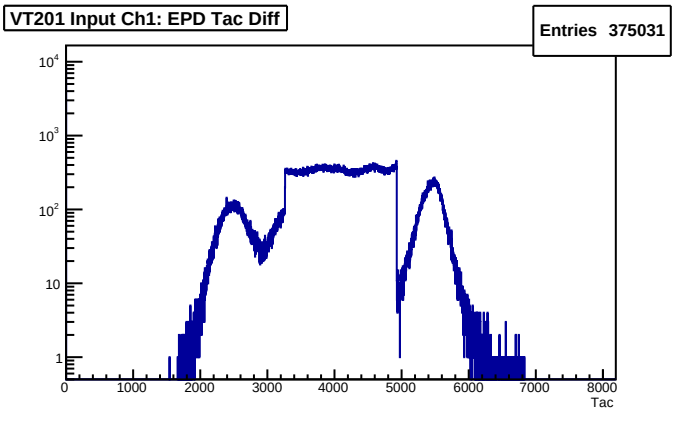

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

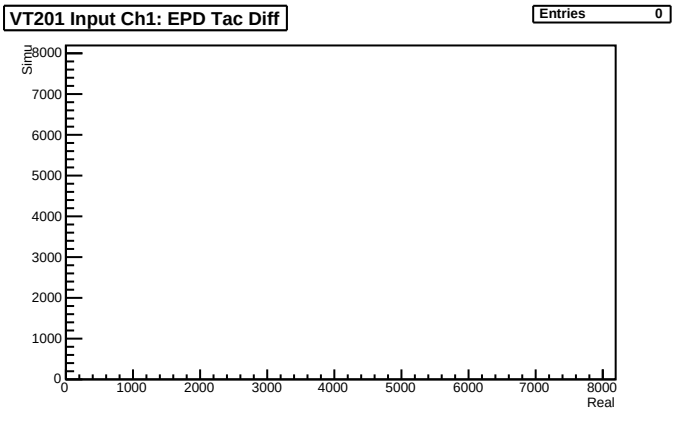

VT201 Input Ch0: BBC Small Tac Diff
Entries 375031
Tac

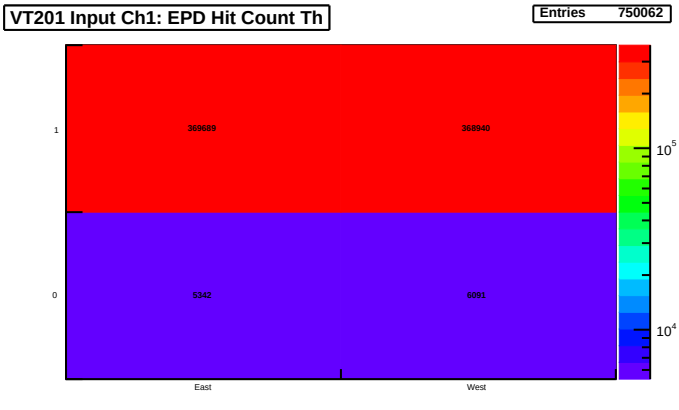

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

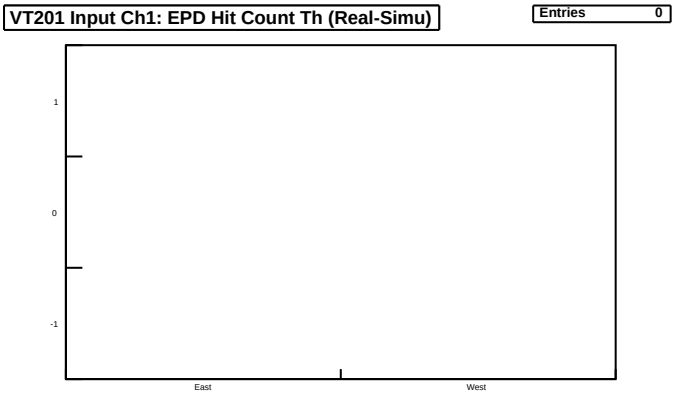

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 750062
278584
309640
96447
65391
East
West

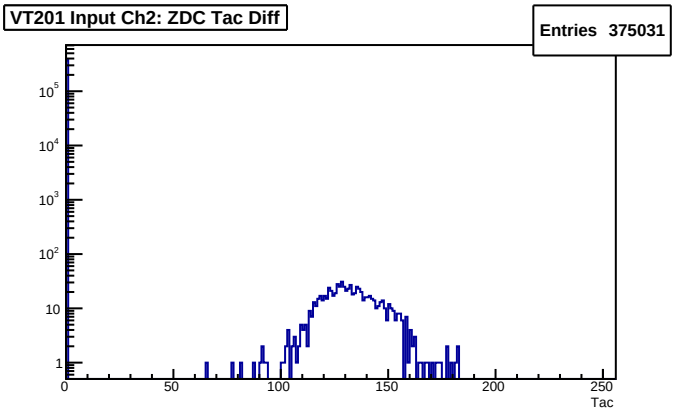

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

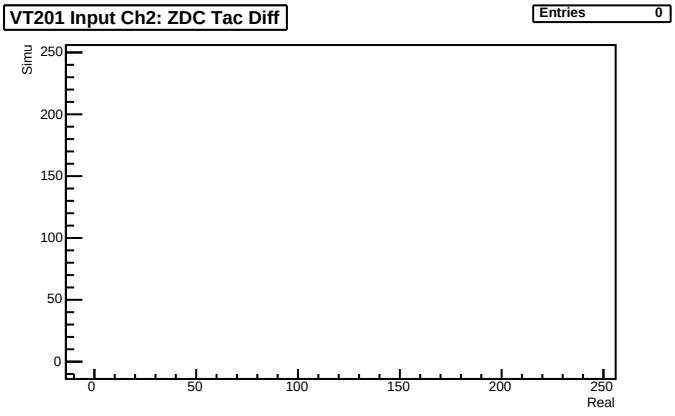

VT201 Input Ch1: EPD Tac Diff
Entries 375031
Tac

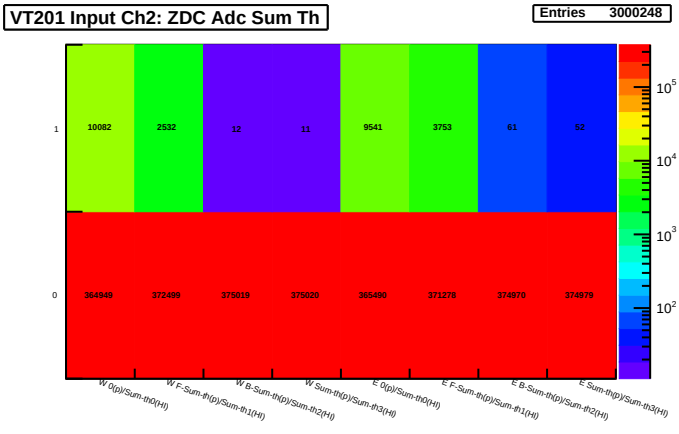

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

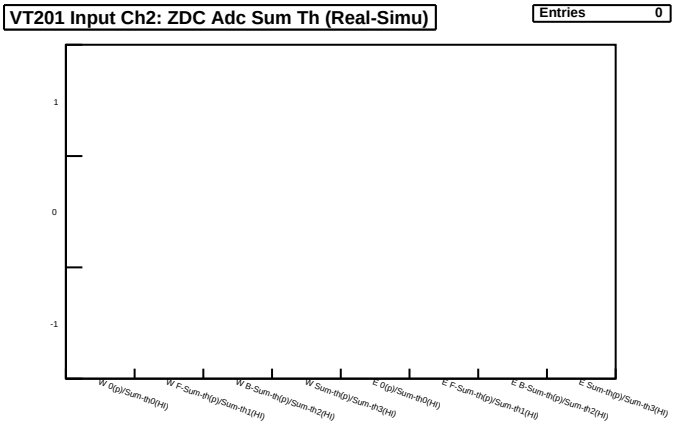

VT201 Input Ch1: EPD Hit Count Th
Entries 750062
369689
369940
5342
6091
East
West

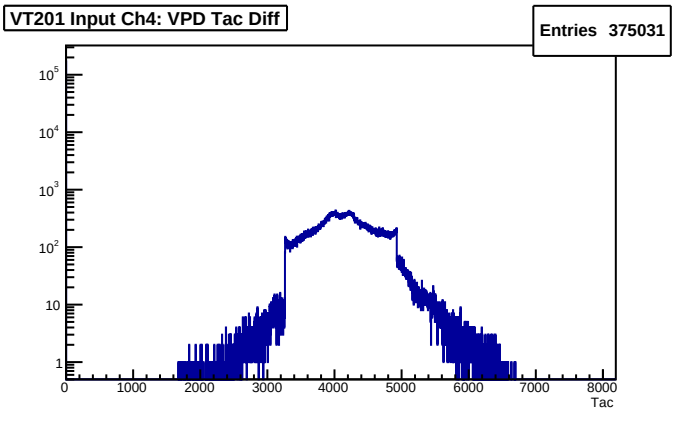

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

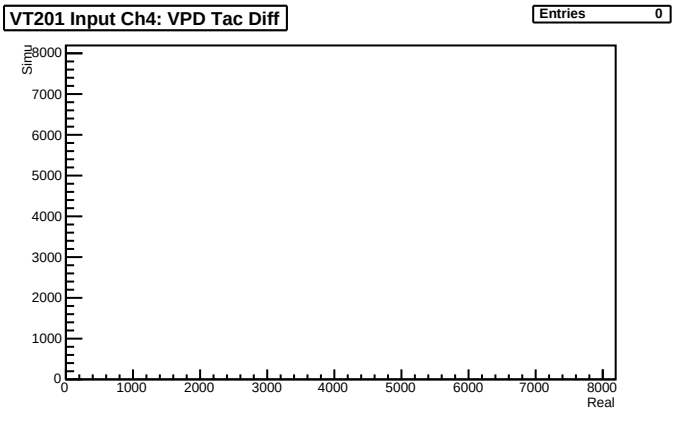

VT201 Input Ch2: ZDC Tac Diff
Entries 375031
Tac

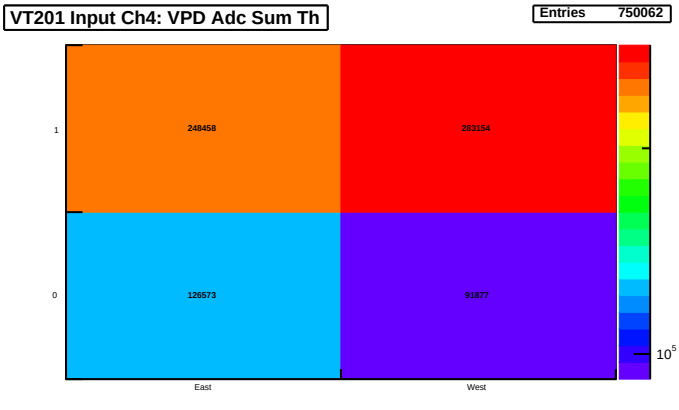

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

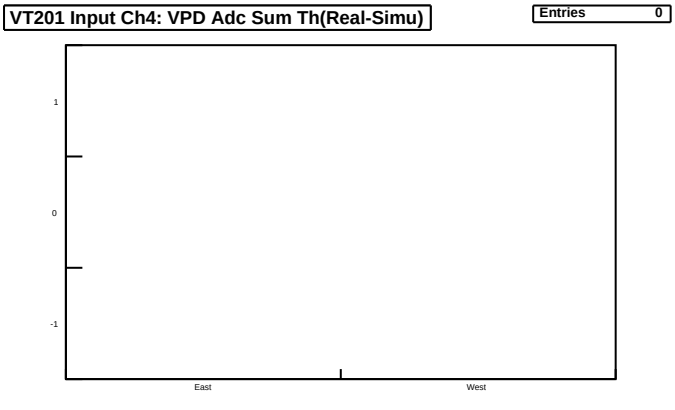

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3000248
10082
2532
12
11
9541
3753
61
52
364949
372499
375019
375020
365490
371278
374970
374979
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

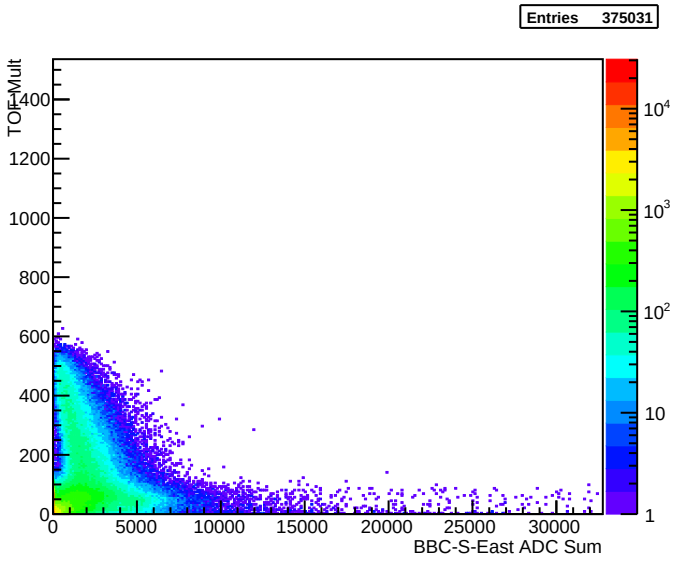

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

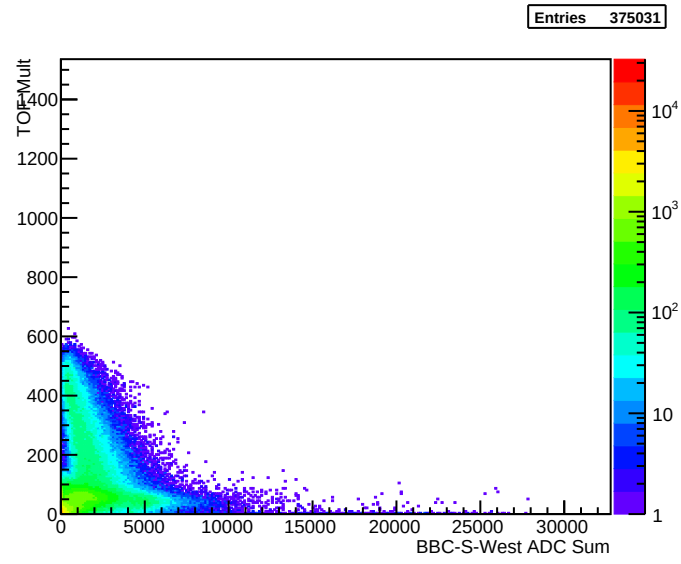

VT201 Input Ch4: VPD Tac Diff
Entries 375031
Tac

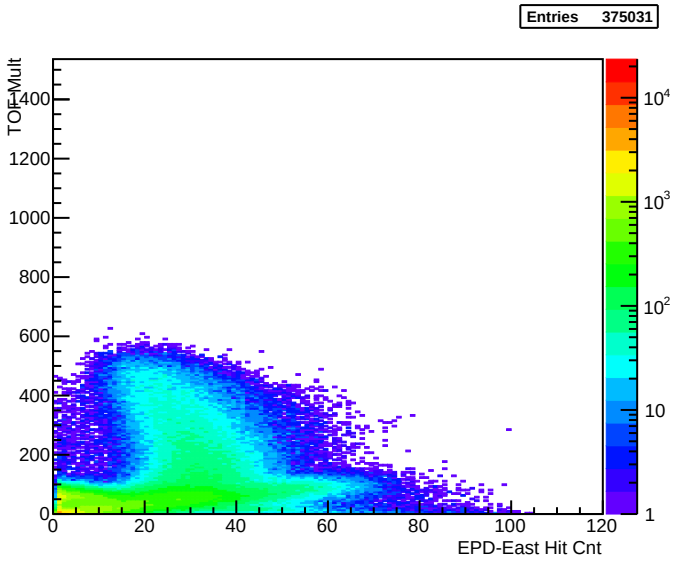

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

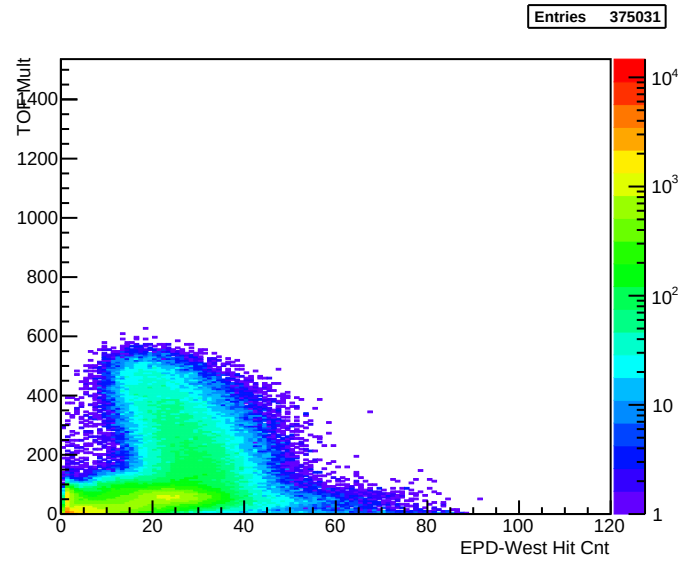

VT201 Input Ch4: VPD Adc Sum Th
Entries 750062
248458
283154
126573
91877
East
West

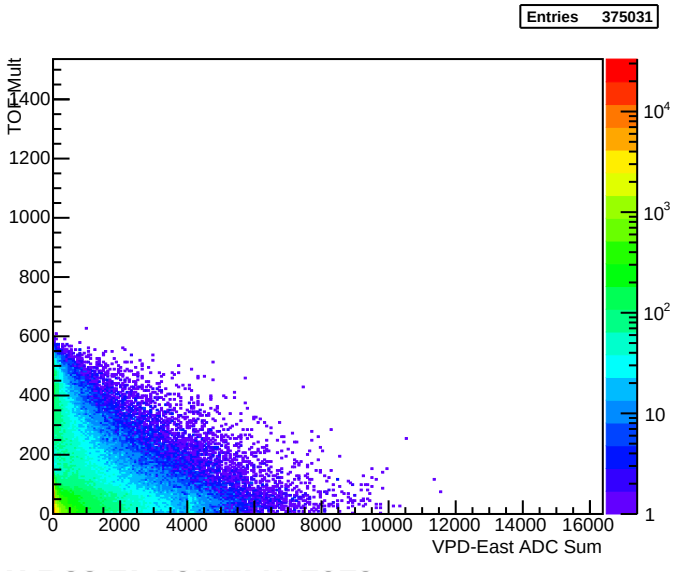

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

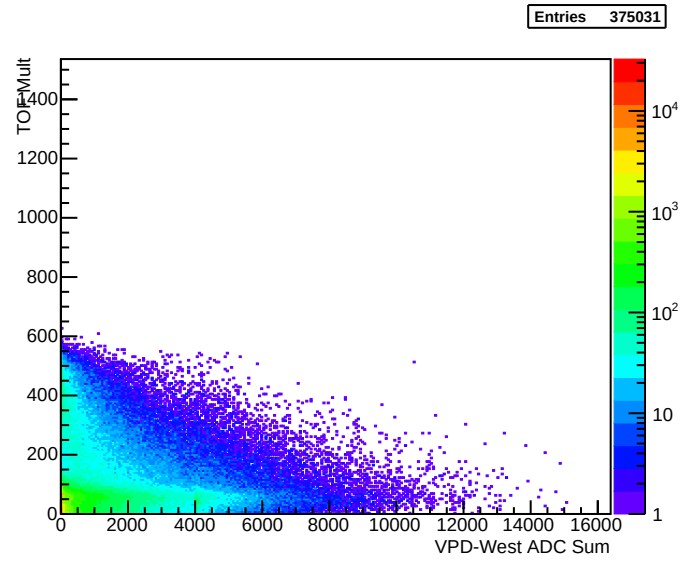

Entries 375031
TOF-Mult
BBC-S-East ADC Sum

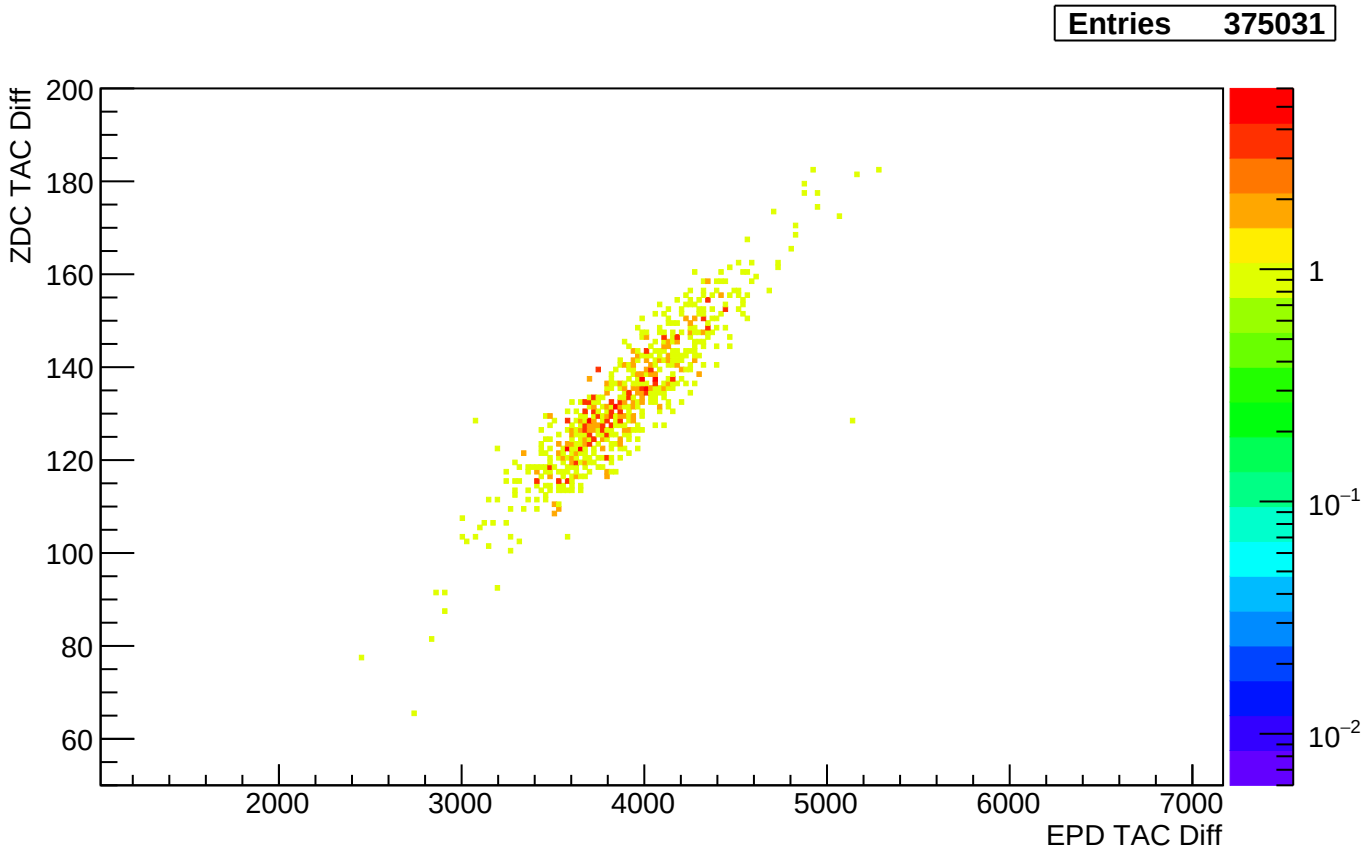

Entries 375031
TOF-Mult
BBC-S-West ADC Sum

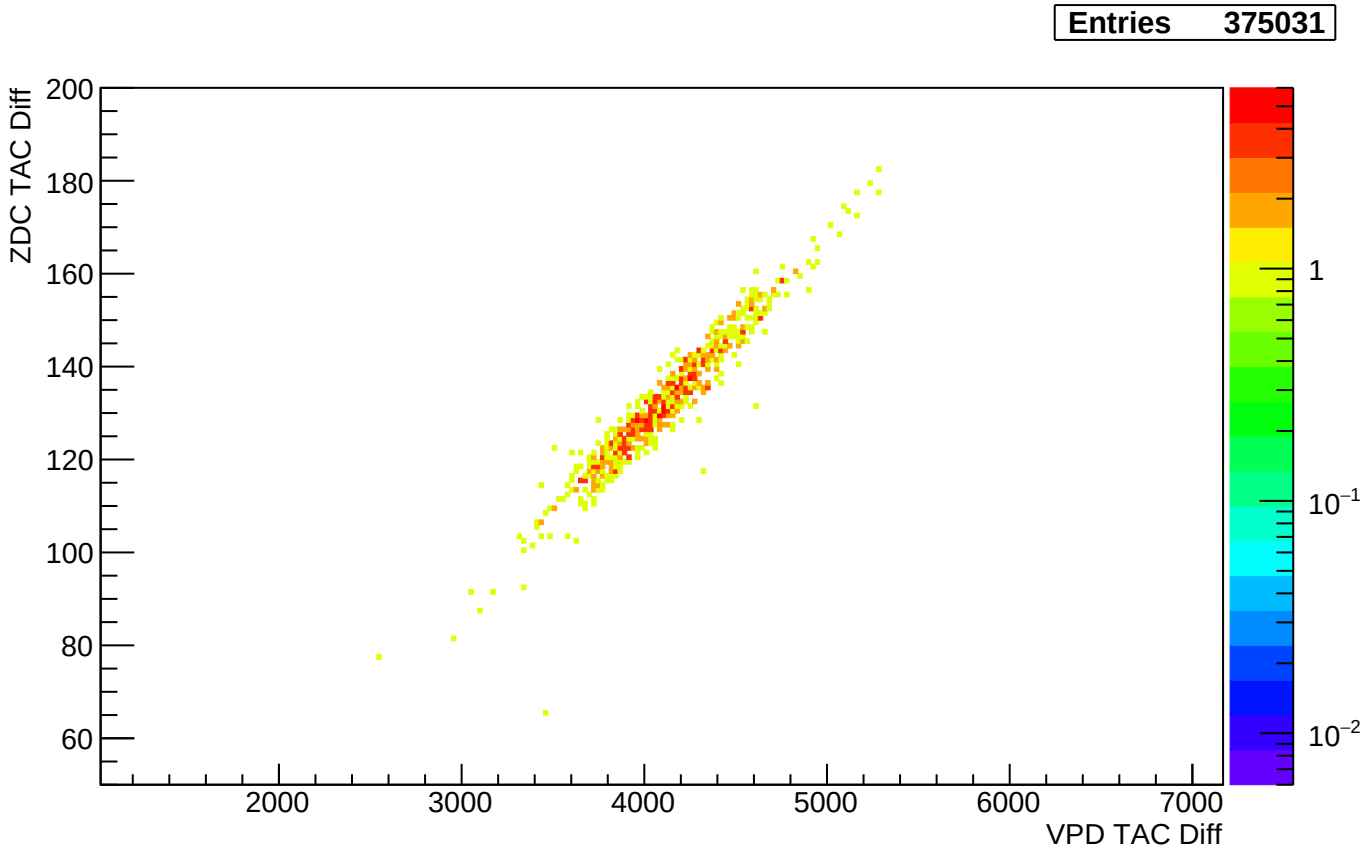

Entries 375031
TOF-Mult
EPD-East Hit Cnt

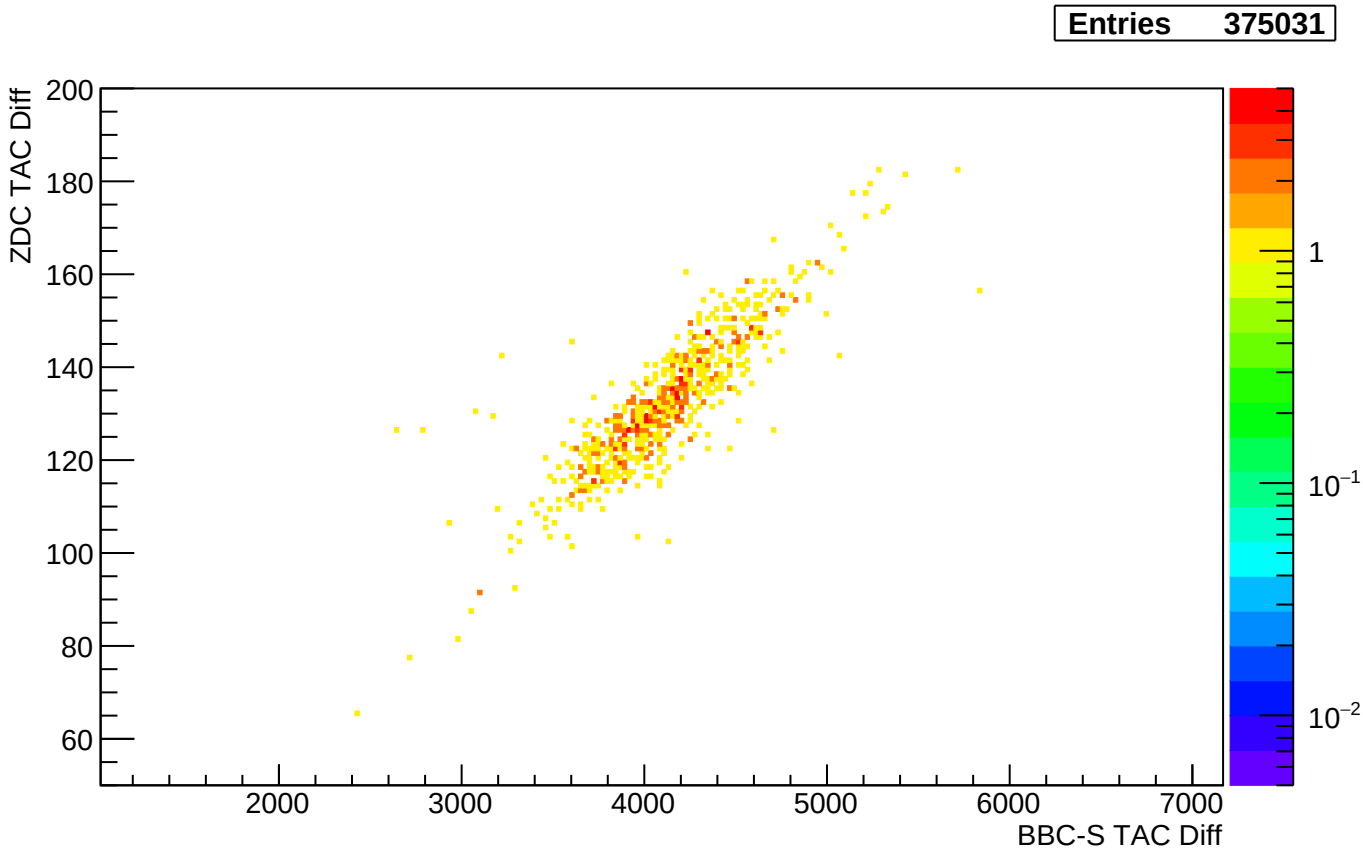

Entries 375031
TOF-Mult
EPD-West Hit Cnt

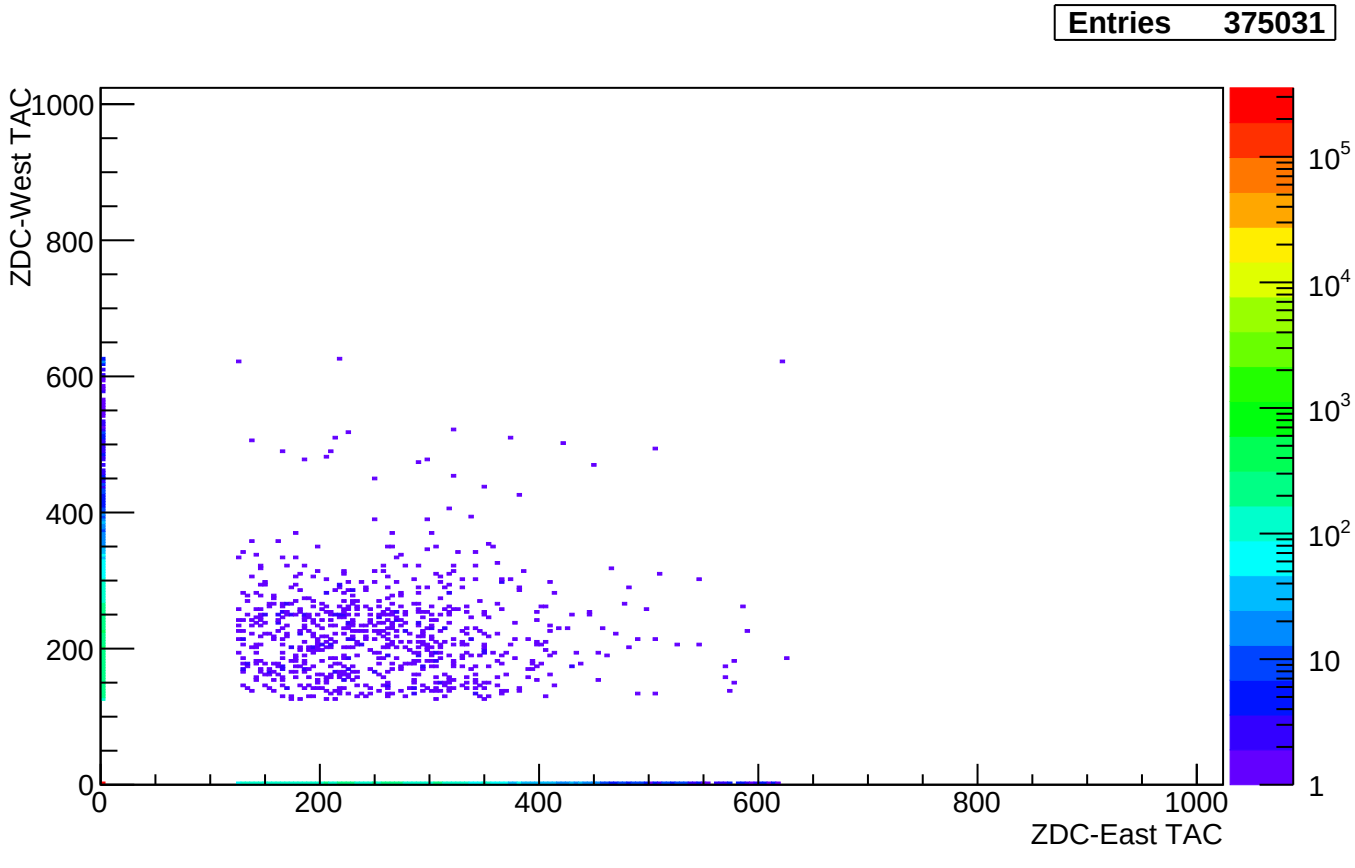

Entries 375031
TOF-Mult
VPD-East ADC Sum

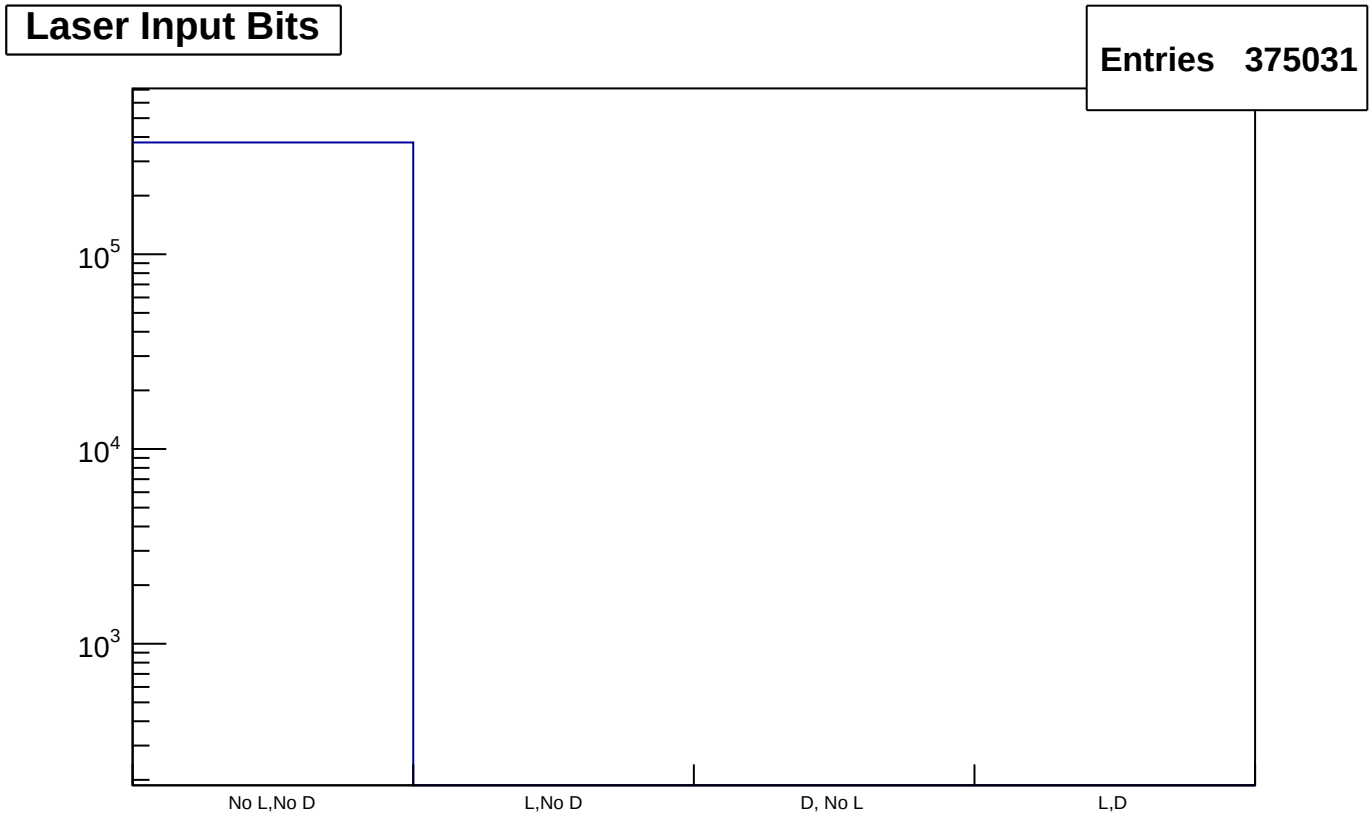

Entries 375031
TOF-Mult
VPD-West ADC Sum

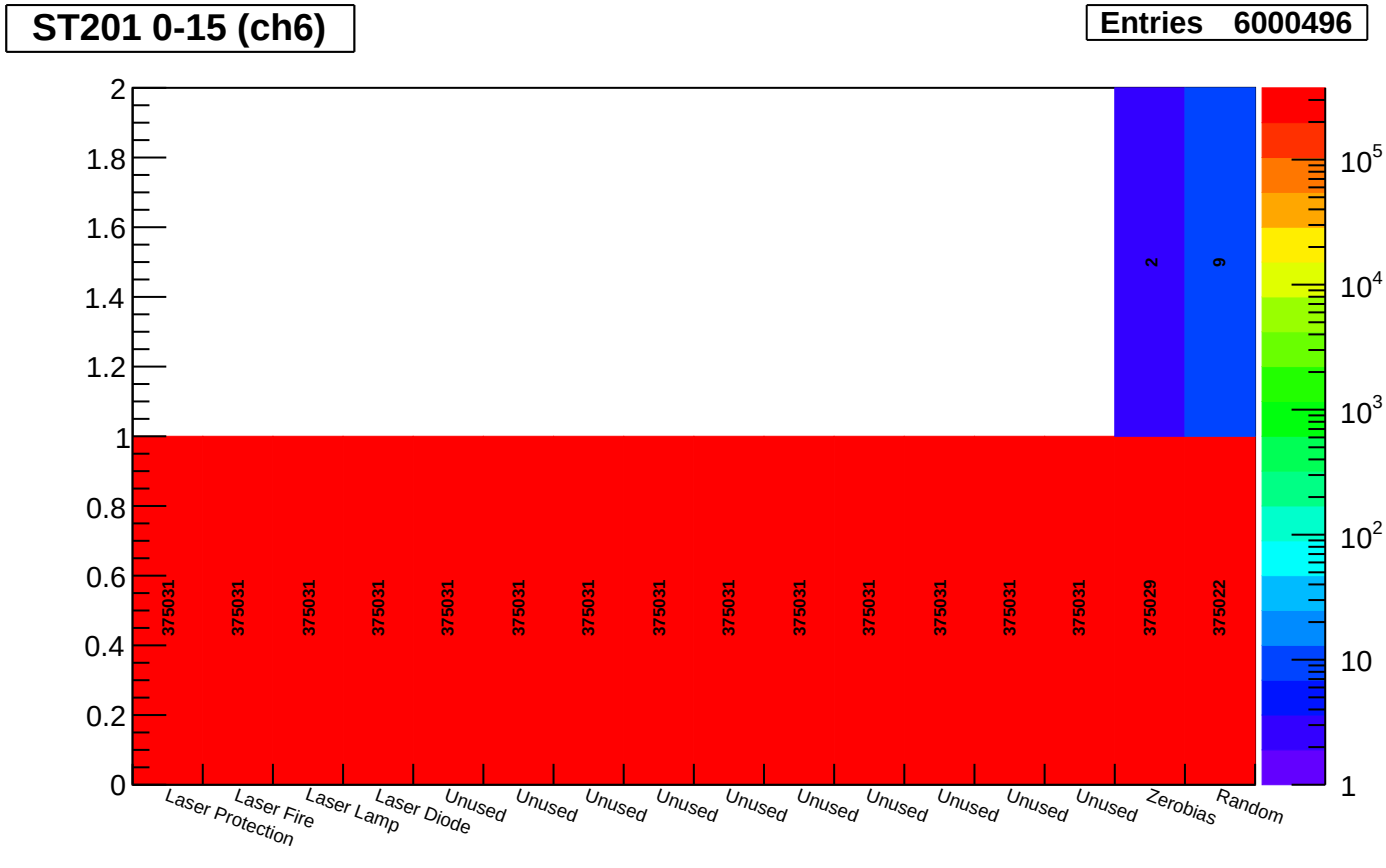

Entries 375031
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

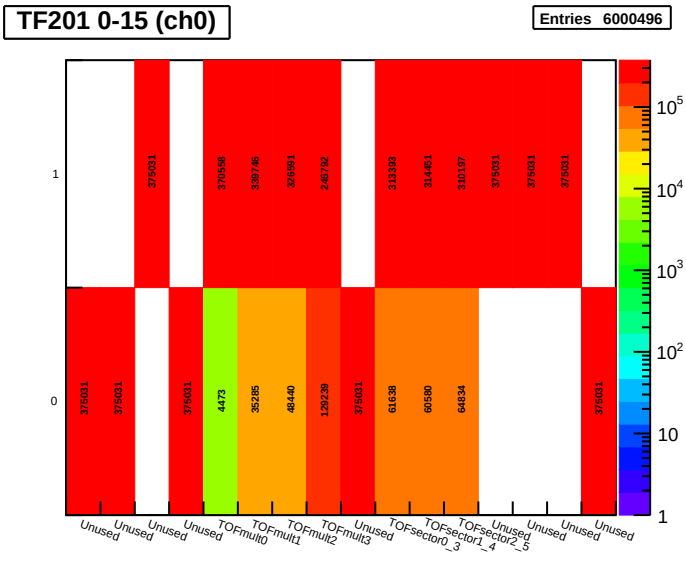

Entries 375031
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

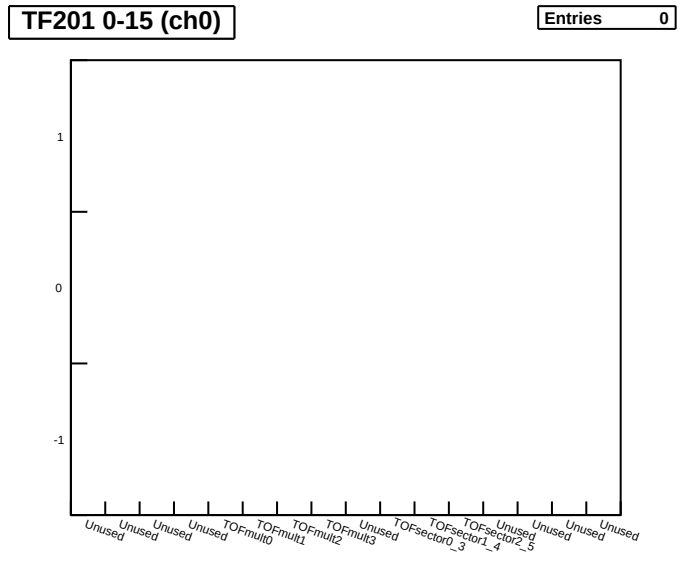

Entries 375031
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

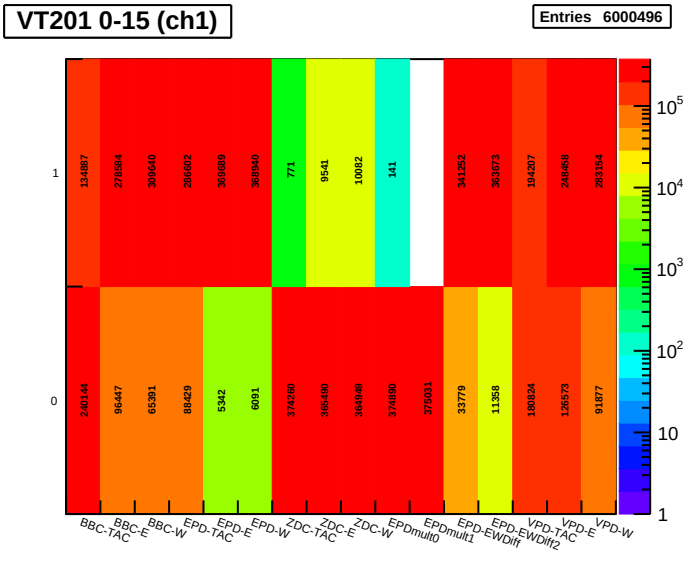

Entries 375031
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

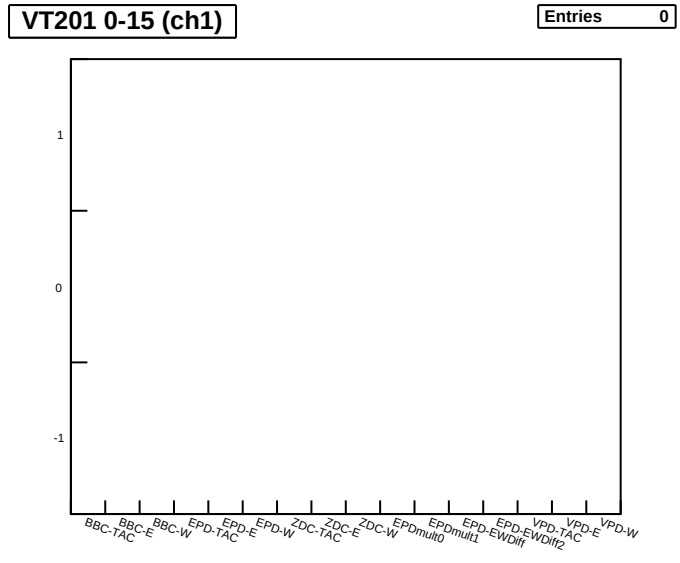

Laser Input Bits
Entries 375031
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

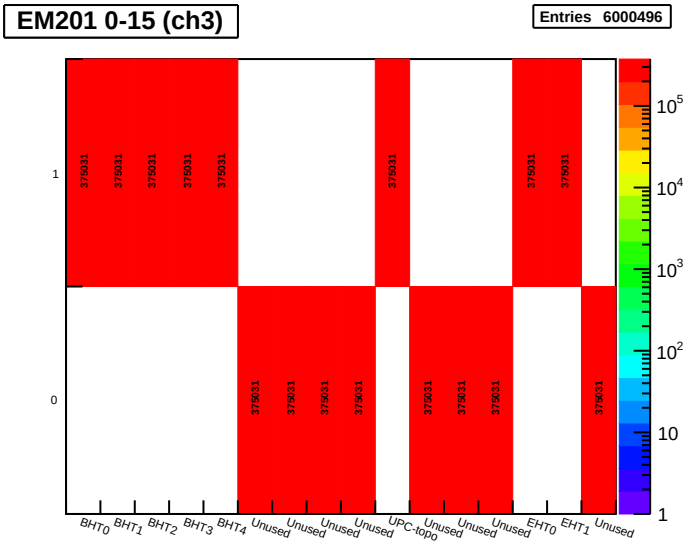

ST201 0-15 (ch6)
Entries 6000496
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
375031
375031
375031
375031
375031
375031
375031
375031
375031
375031
375031
375031
375031
375031
375029
375022
2
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

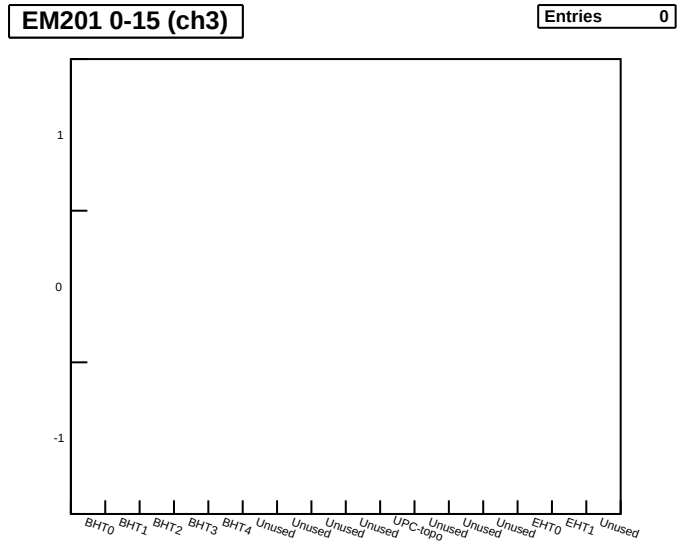

TF201 0-15 (ch0)
Entries 6000496
1
0
375031
370558
339746
326691
245792
313393
314451
310197
4473
35285
48440
129239
61638
60580
64834
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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 6000496
1
0
134887
278584
309640
286602
369639
368940
771
9541
10082
141
341252
363673
194207
248458
283154
240144
96447
65391
88429
5342
6091
374260
365490
364949
374890
375031
33779
11358
180824
126573
91877
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
1
10
10^2
10^3
10^4
10^5


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 6000496
1
0
375031
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
1
10
10^2
10^3
10^4
10^5


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1