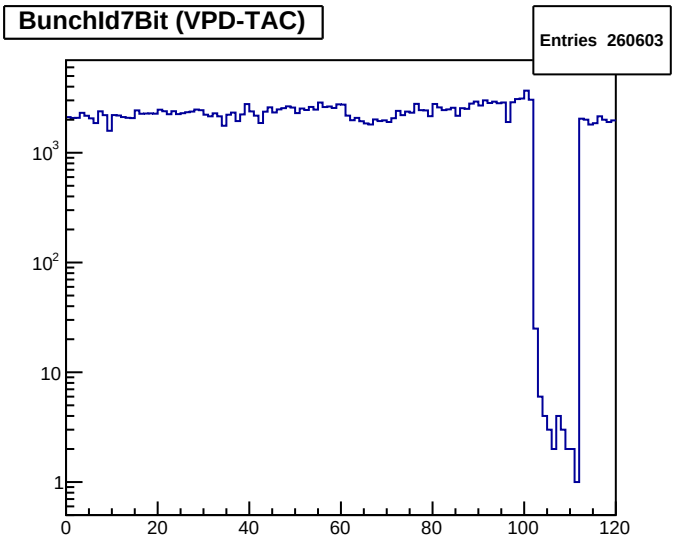
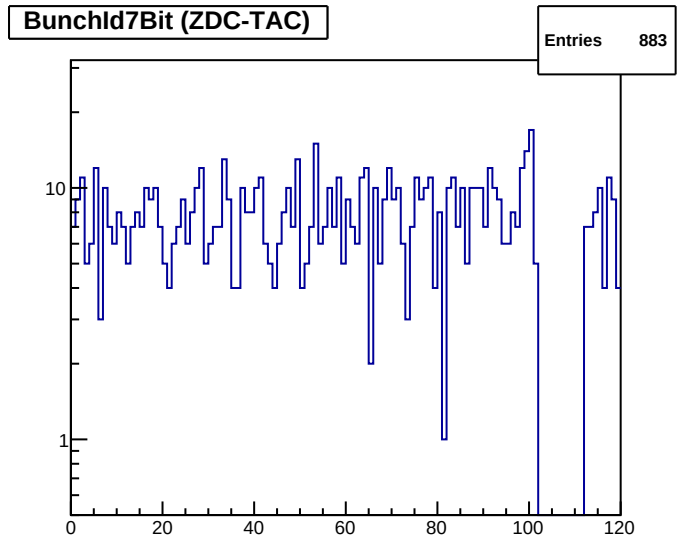
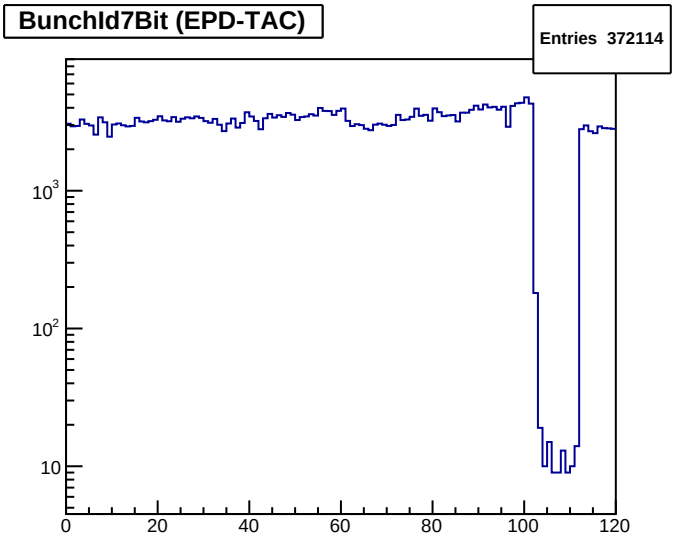
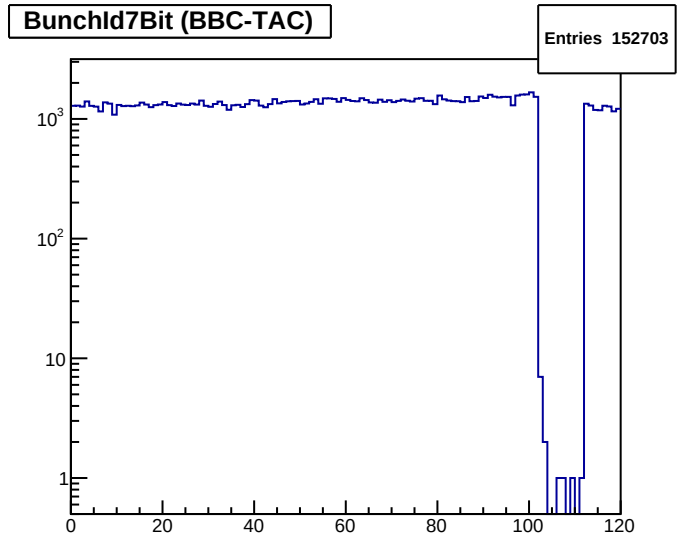
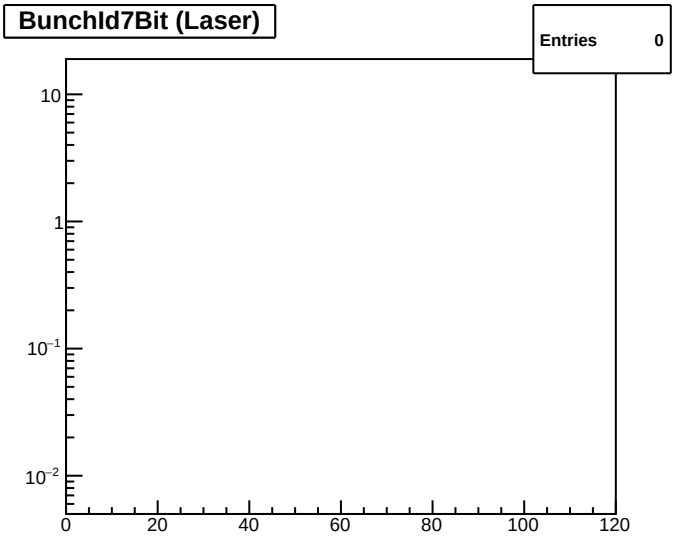
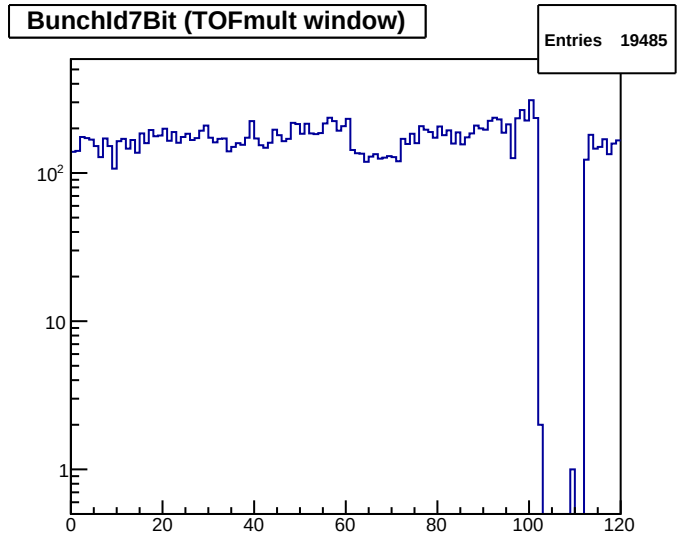

BunchId7Bit (VPD-TAC)
Entries 260603

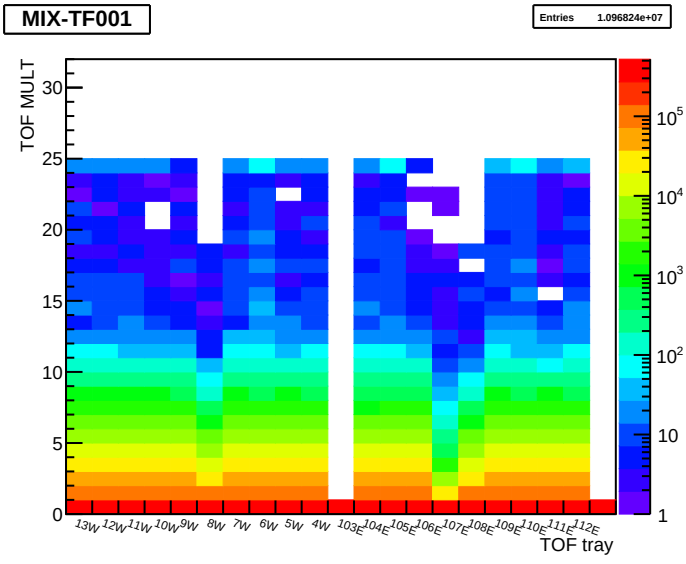

BunchId7Bit (ZDC-TAC)
Entries 883

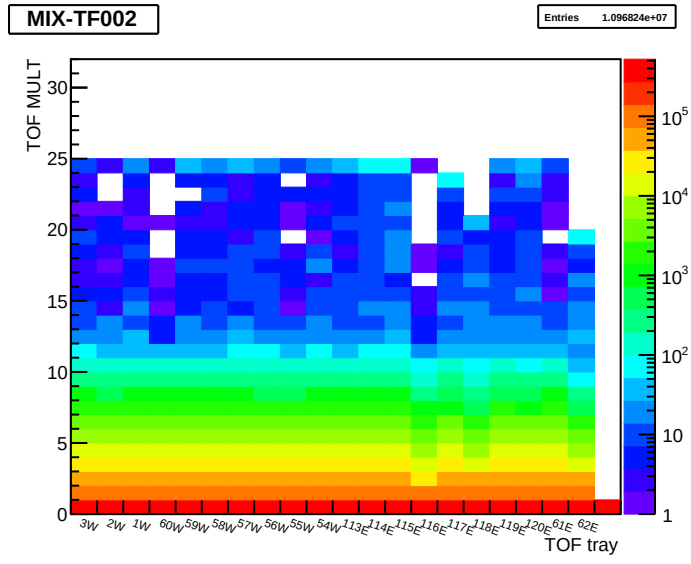

BunchId7Bit (EPD-TAC)
Entries 372114

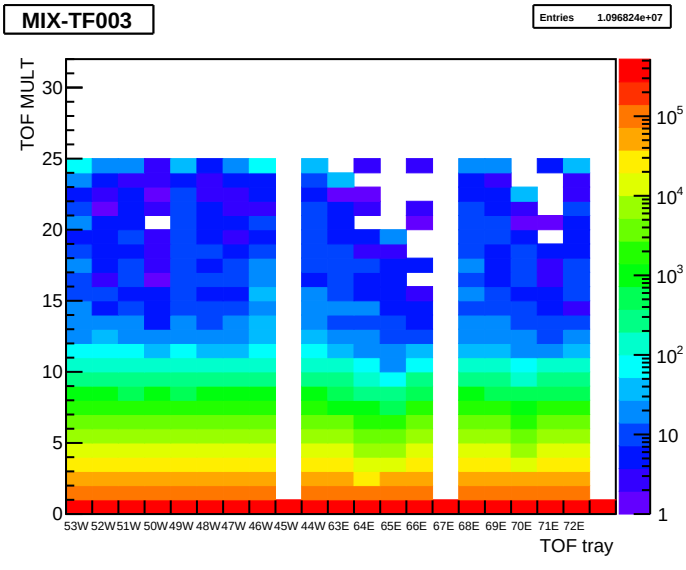

BunchId7Bit (BBC-TAC)
Entries 152703

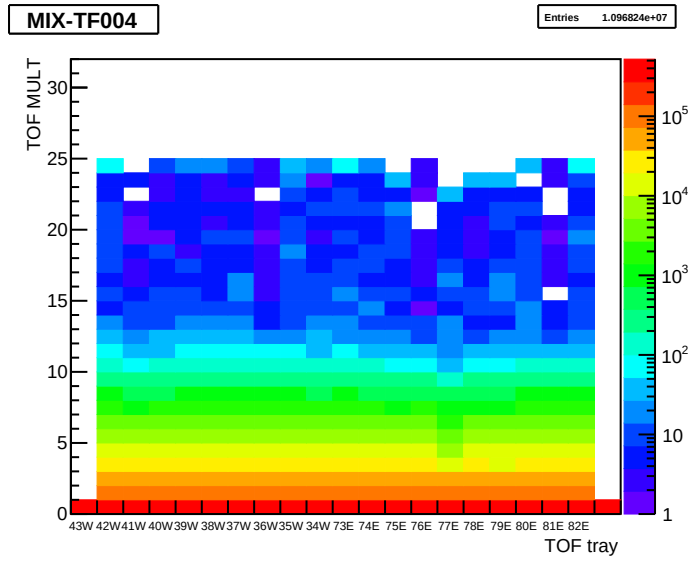

BunchId7Bit (Laser)
Entries 0

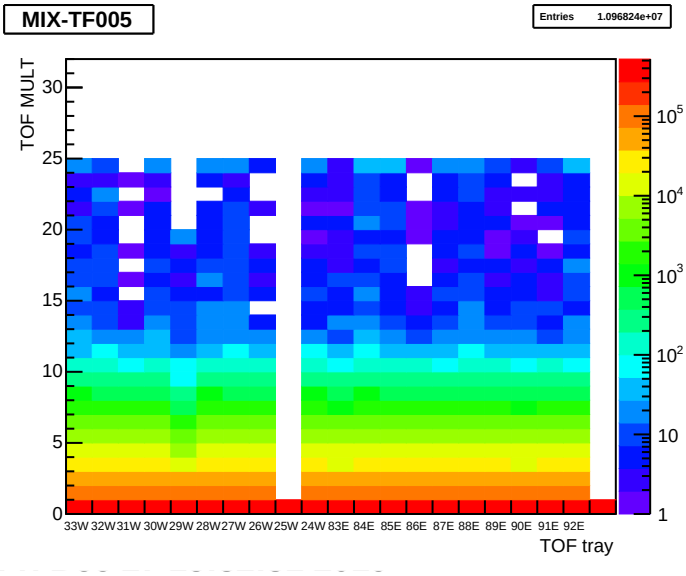

BunchId7Bit (TOFmult window)
Entries 19485

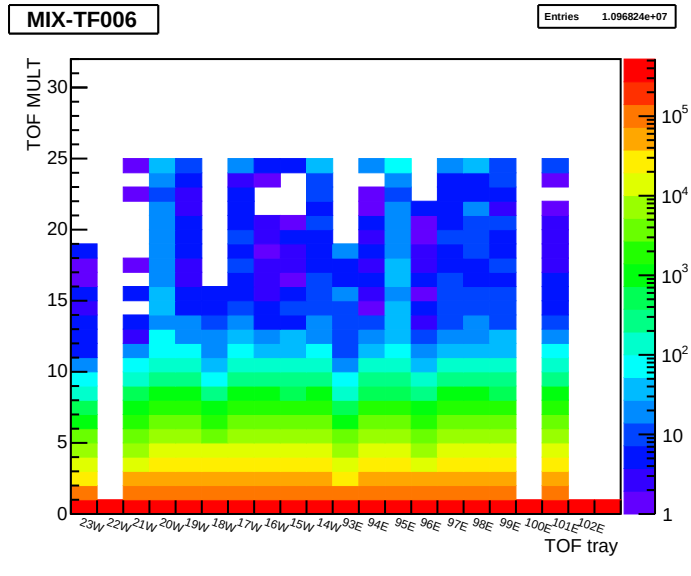

MIX-TF001
Entries 1.096824e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

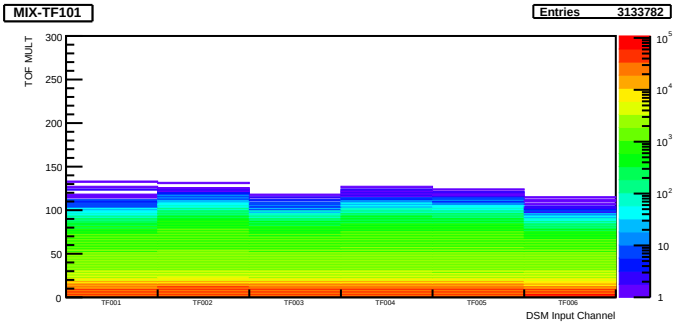

MIX-TF002
Entries 1.096824e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

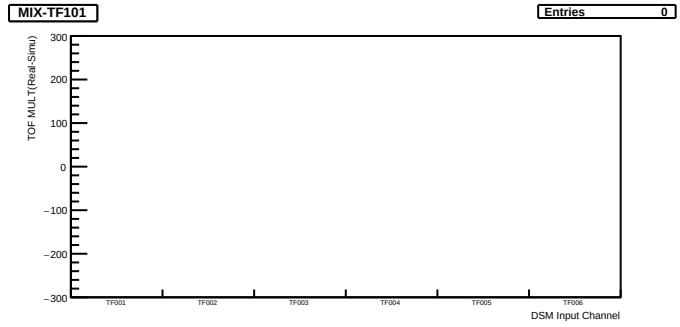

MIX-TF003
Entries 1.096824e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

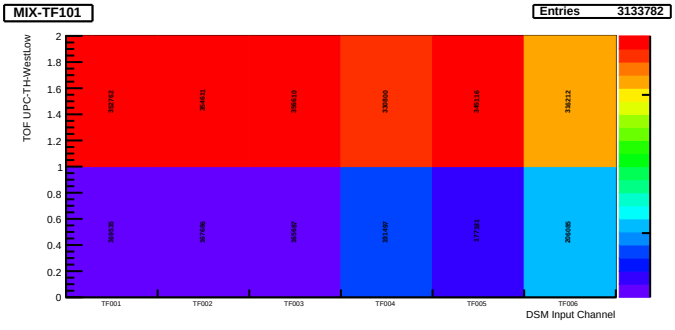

MIX-TF004
Entries 1.096824e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

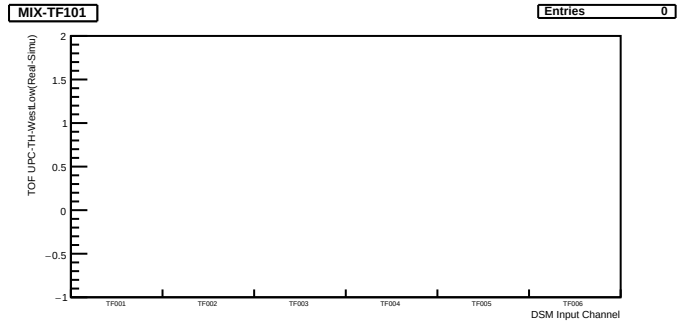

MIX-TF005
Entries 1.096824e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

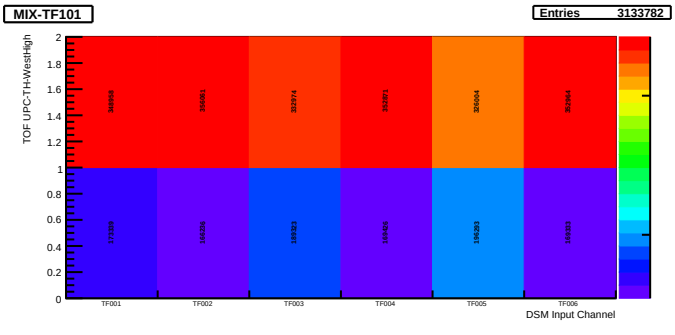

MIX-TF006
Entries 1.096824e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

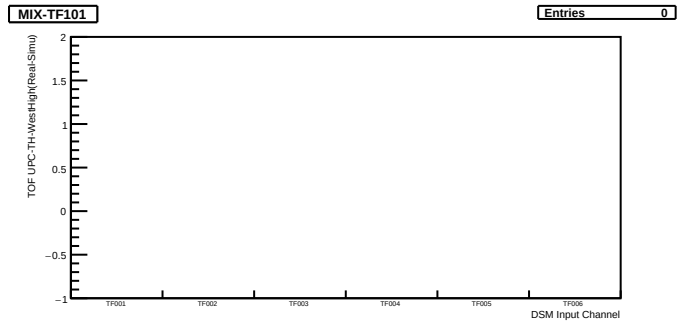

MIX-TF101
Entries 3133782
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

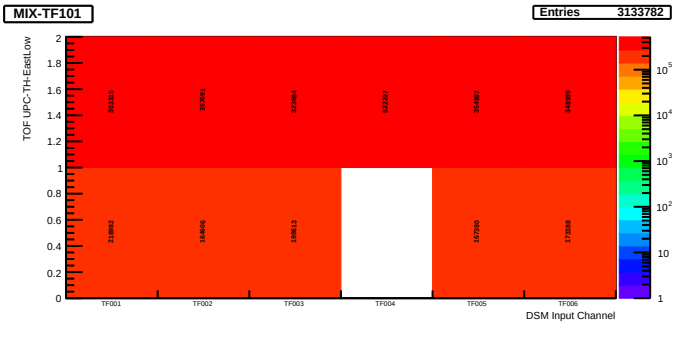

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

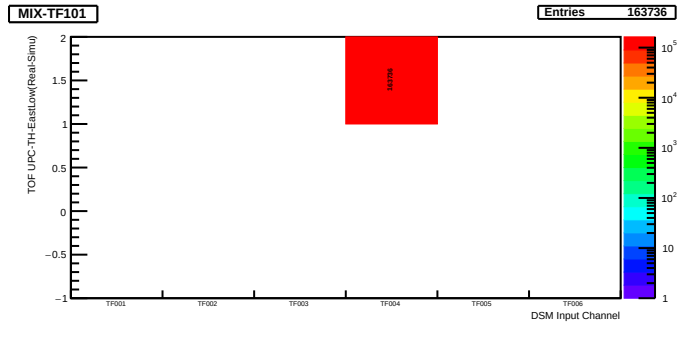

MIX-TF101
Entries 3133782
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

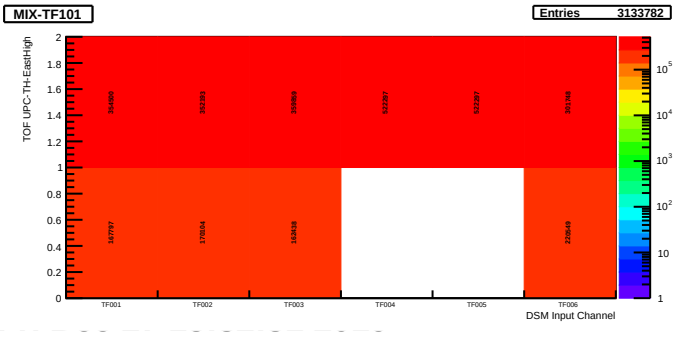

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

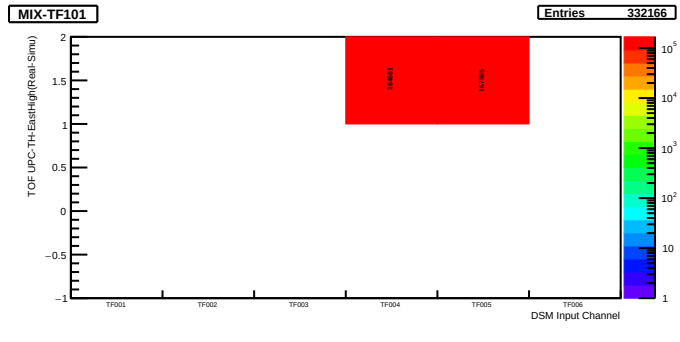

MIX-TF101
Entries 3133782
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

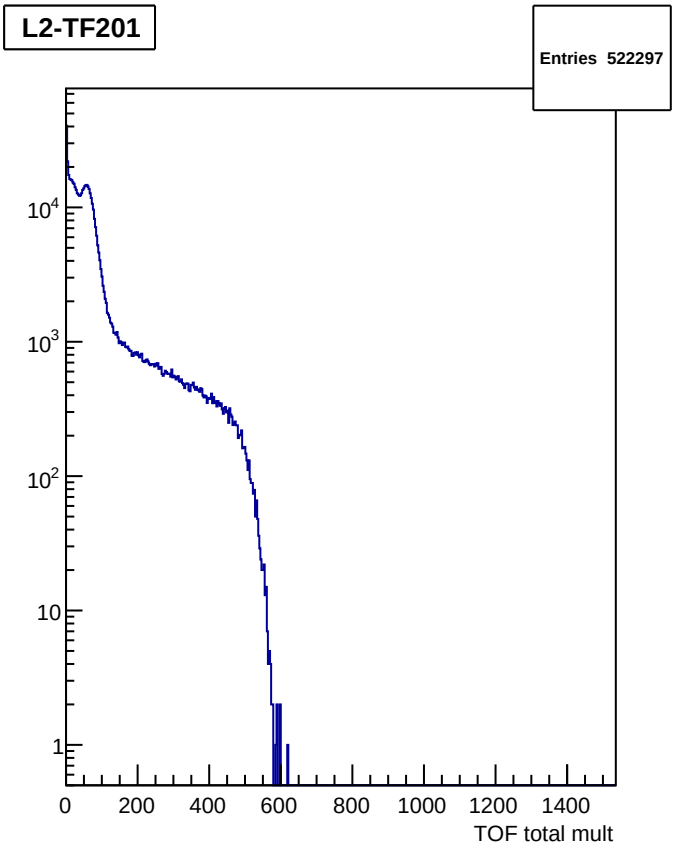

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

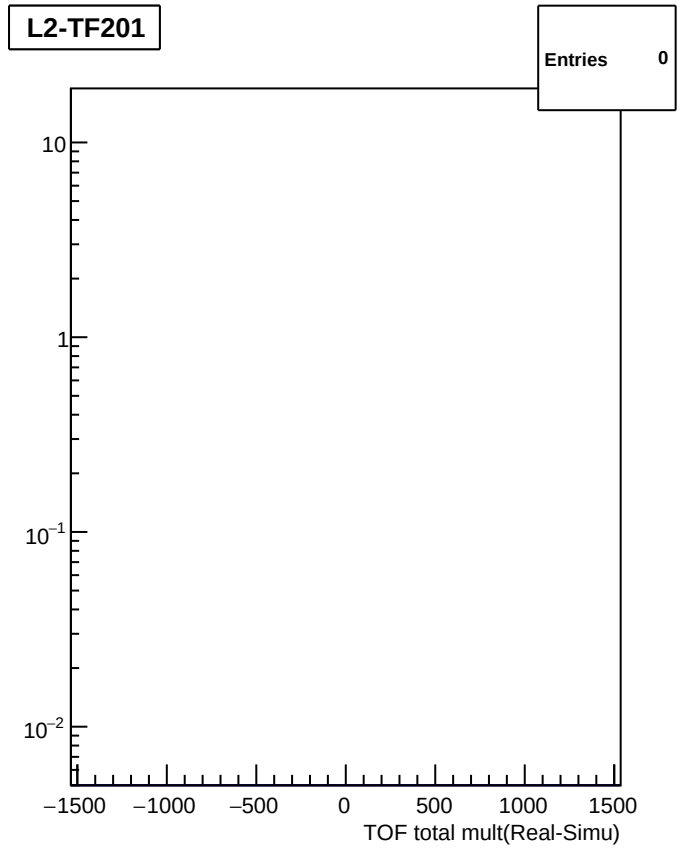

MIX-TF101
Entries 3133782
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

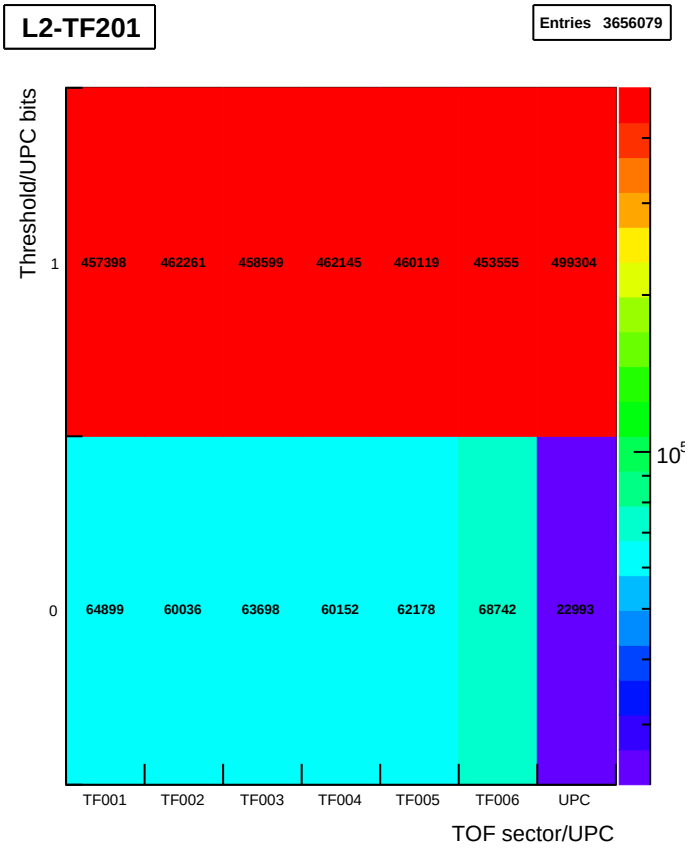

MIX-TF101
Entries 163736
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

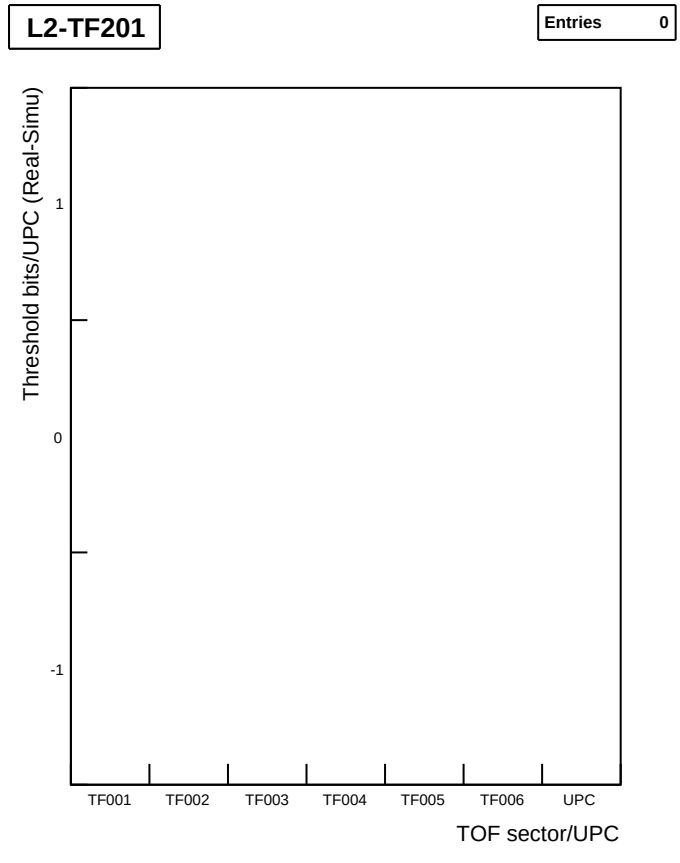

MIX-TF101
Entries 3133782
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

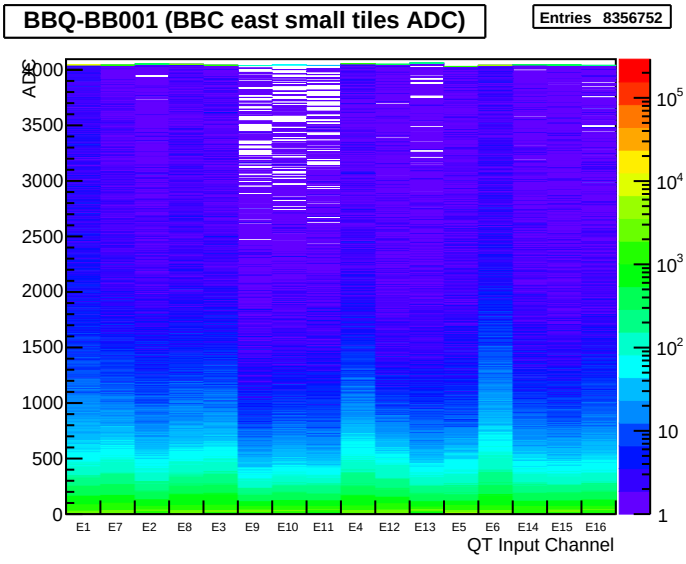

MIX-TF101
Entries 332166
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

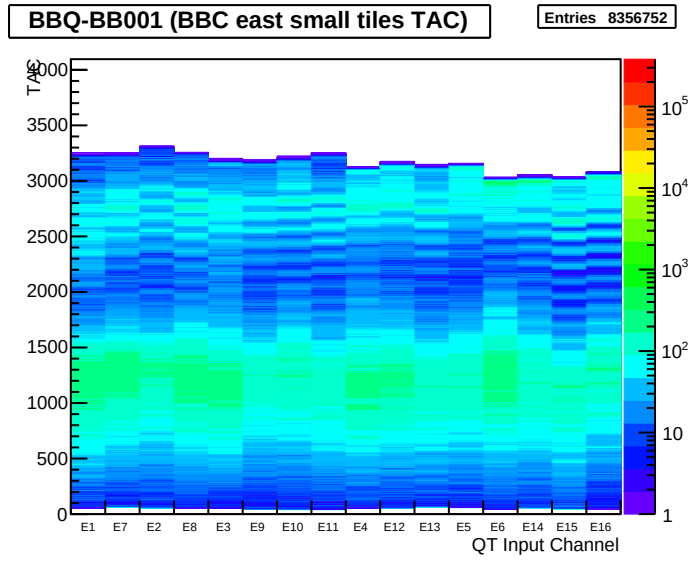

L2-TF201
Entries 522297
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

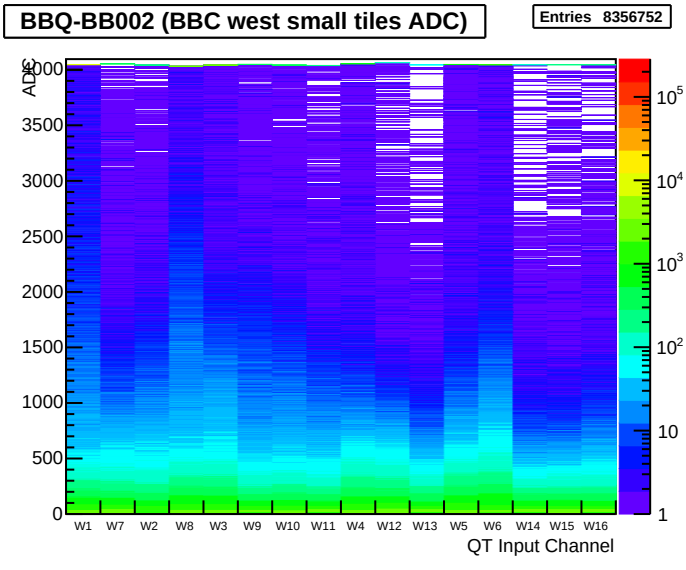

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

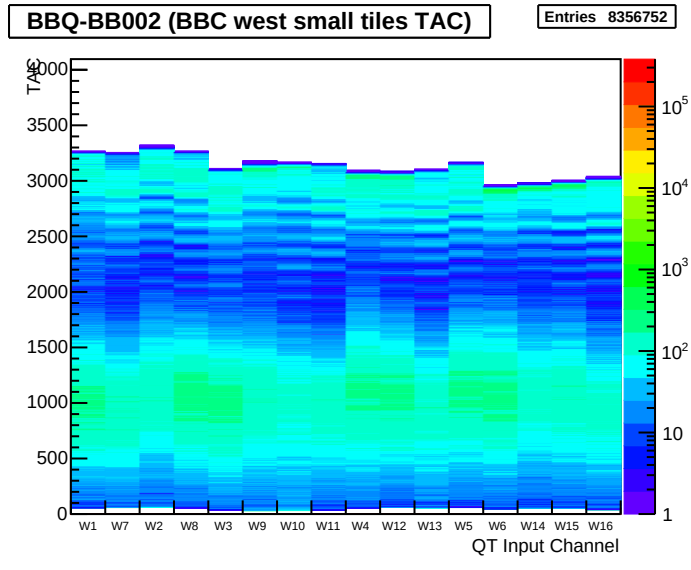

L2-TF201
Entries 3656079
Threshold/UPC bits
1
0
457398
462261
458599
462145
460119
453555
499304
64899
60036
63698
60152
62178
68742
22993
10^5
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

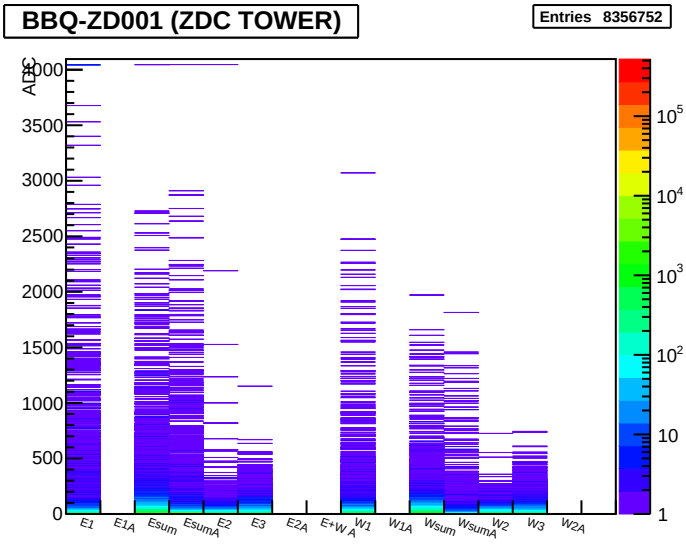

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

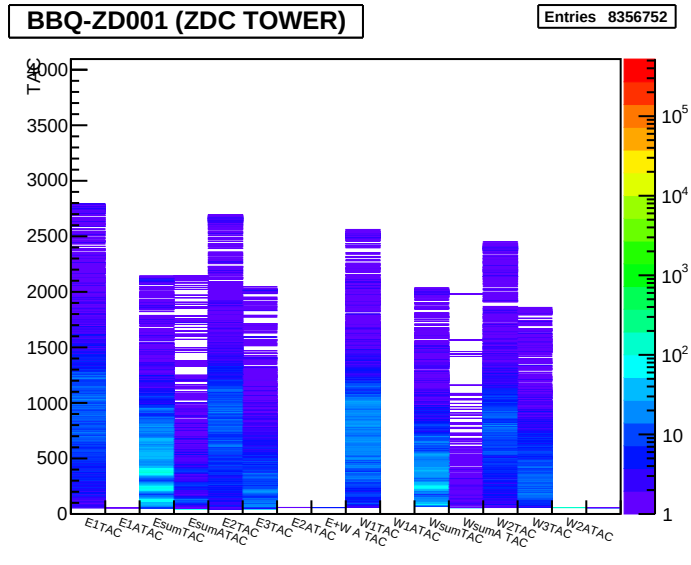

BBQ-BB001 (BBC east small tiles ADC)
Entries 8356752
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

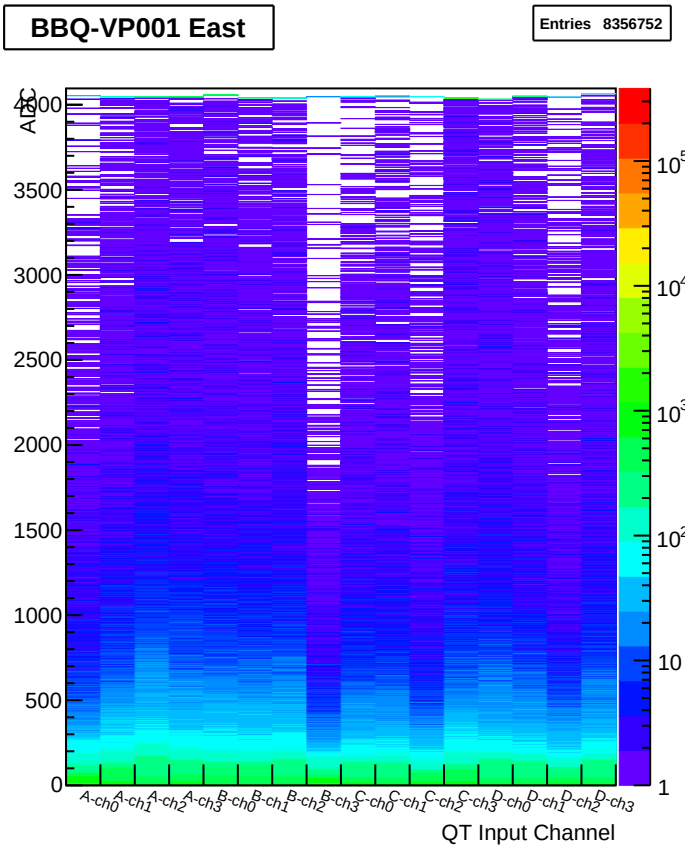

BBQ-BB001 (BBC east small tiles TAC)
Entries 8356752
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

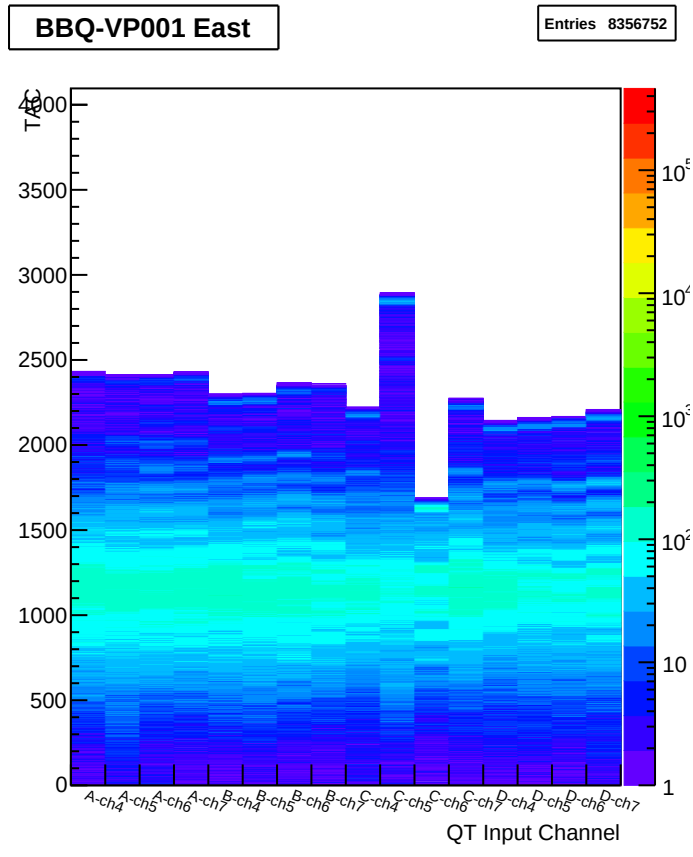

BBQ-BB002 (BBC west small tiles ADC)
Entries 8356752
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

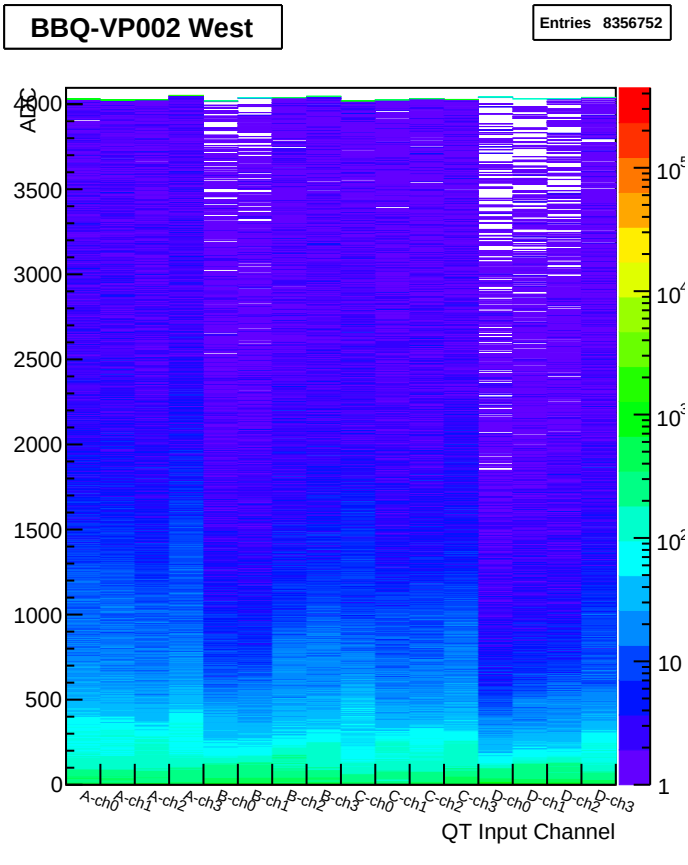

BBQ-BB002 (BBC west small tiles TAC)
Entries 8356752
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

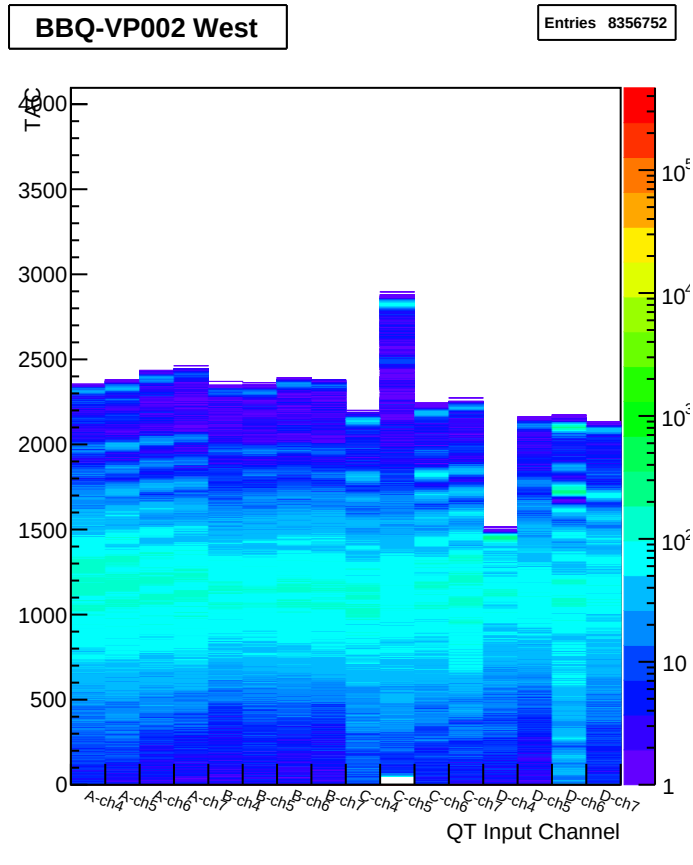

BBQ-ZD001 (ZDC TOWER)
Entries 8356752
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

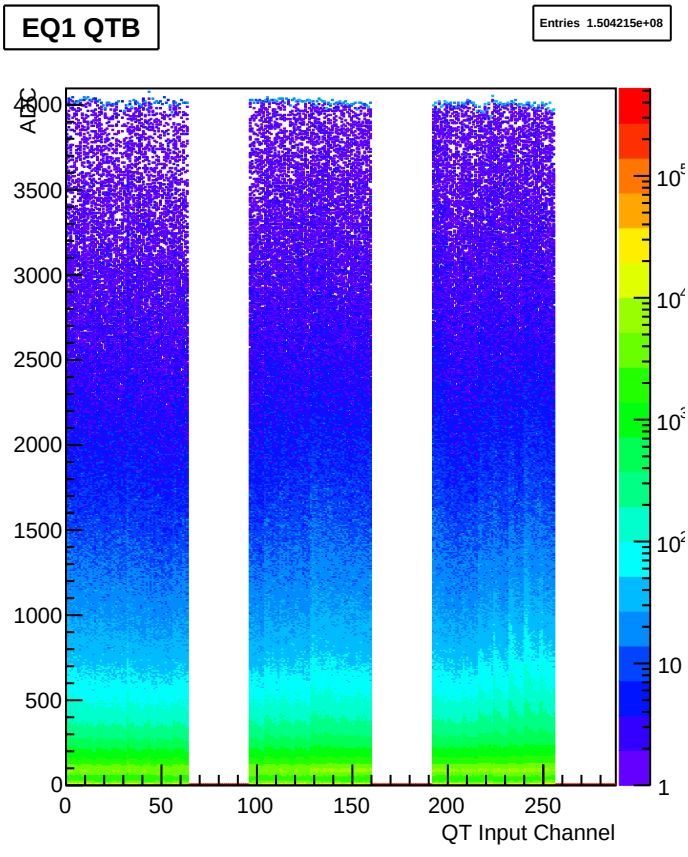

BBQ-ZD001 (ZDC TOWER)
Entries 8356752
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

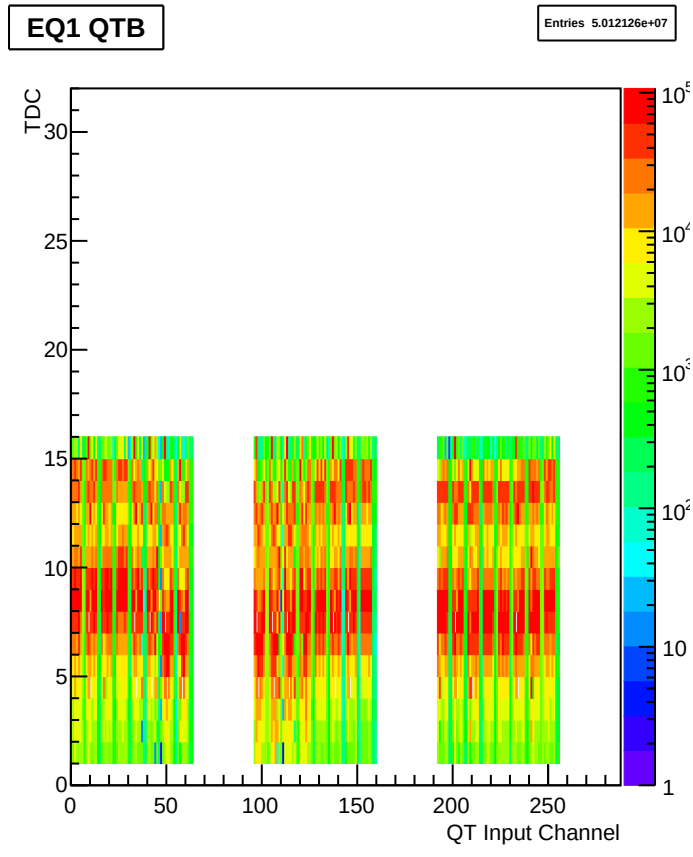

BBQ-VP001 East
Entries 8356752
ADC
QT Input Channel

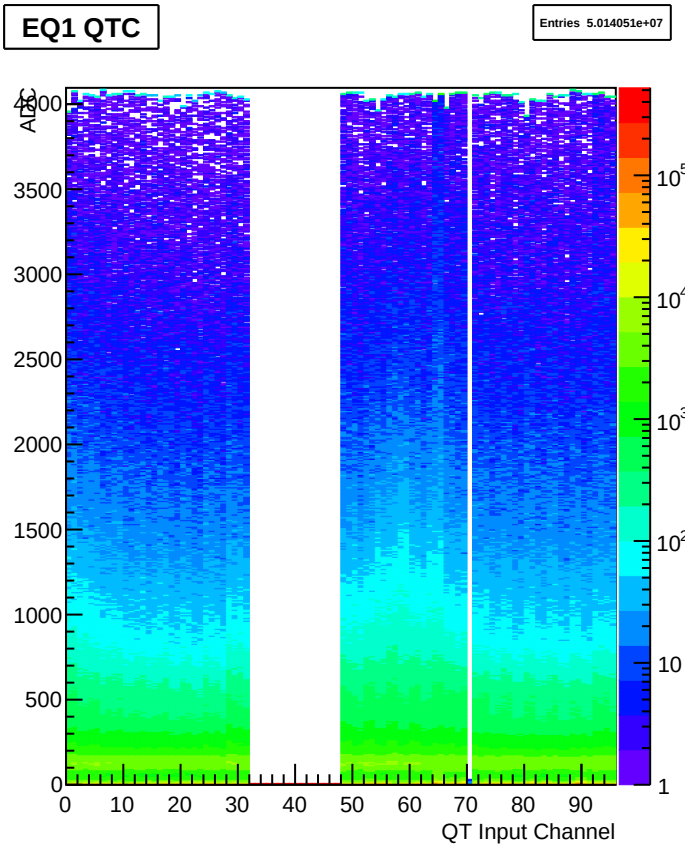

BBQ-VP001 East
Entries 8356752
TADC
QT Input Channel

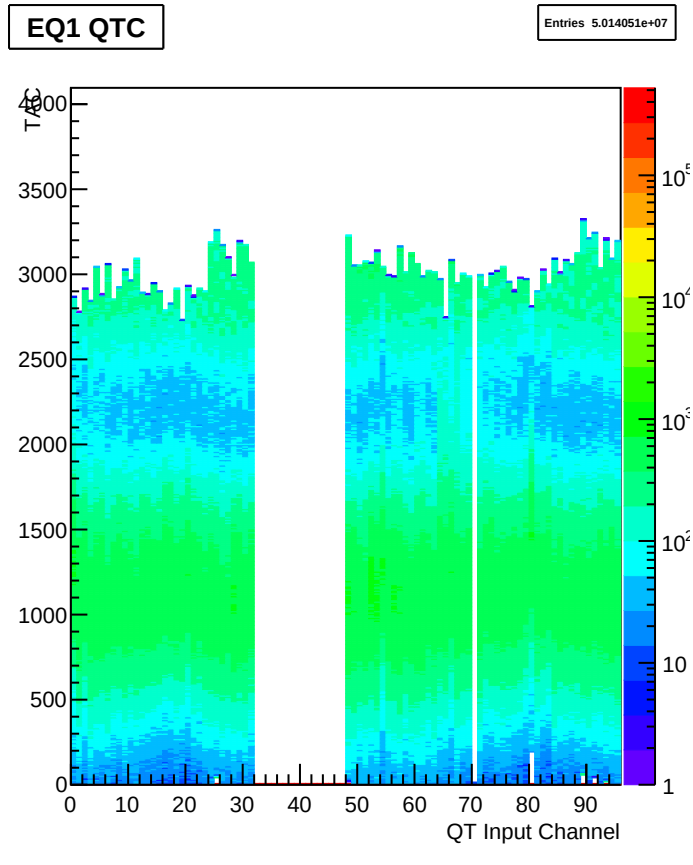

BBQ-VP002 West
Entries 8356752
ADC
QT Input Channel

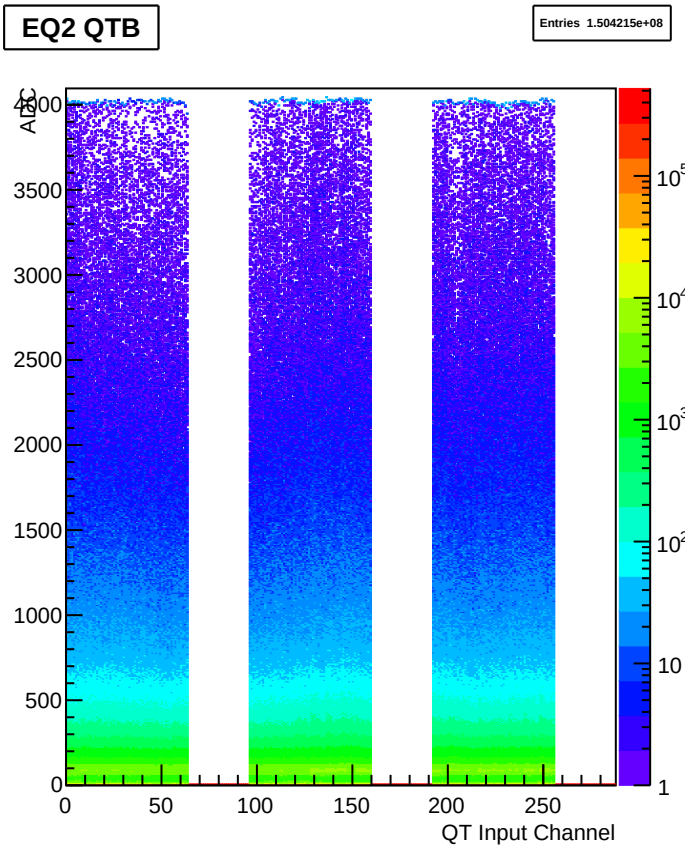

BBQ-VP002 West
Entries 8356752
TADC
QT Input Channel

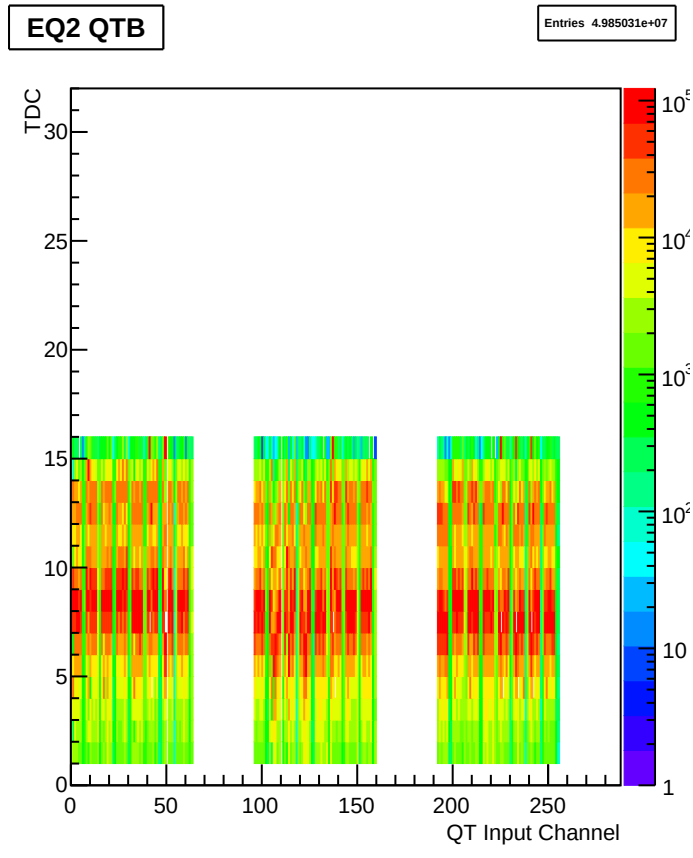

EQ1 QTB
Entries 1.504215e+08
ADC
QT Input Channel

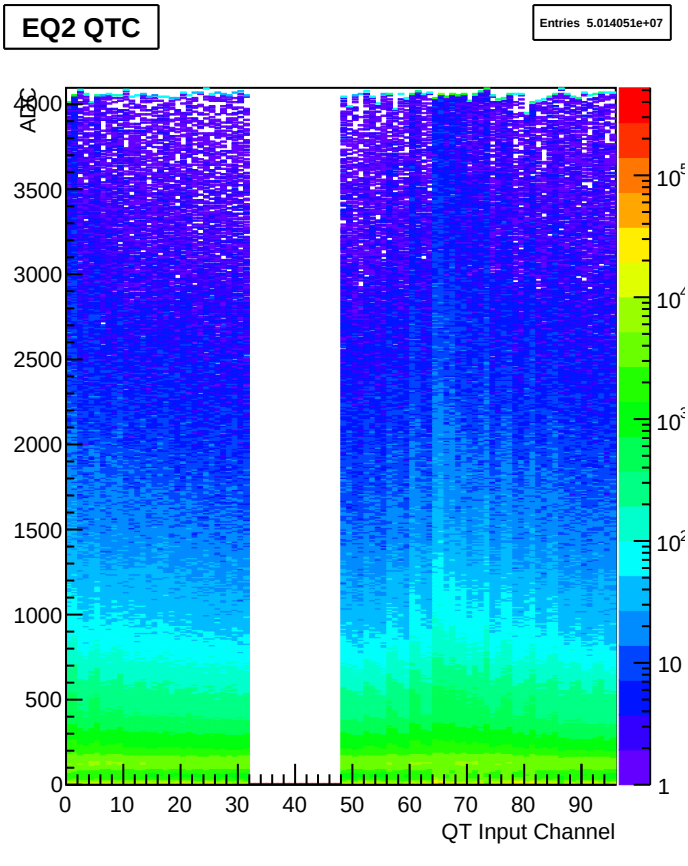

EQ1 QTB
Entries 5.012126e+07
TDC
QT Input Channel

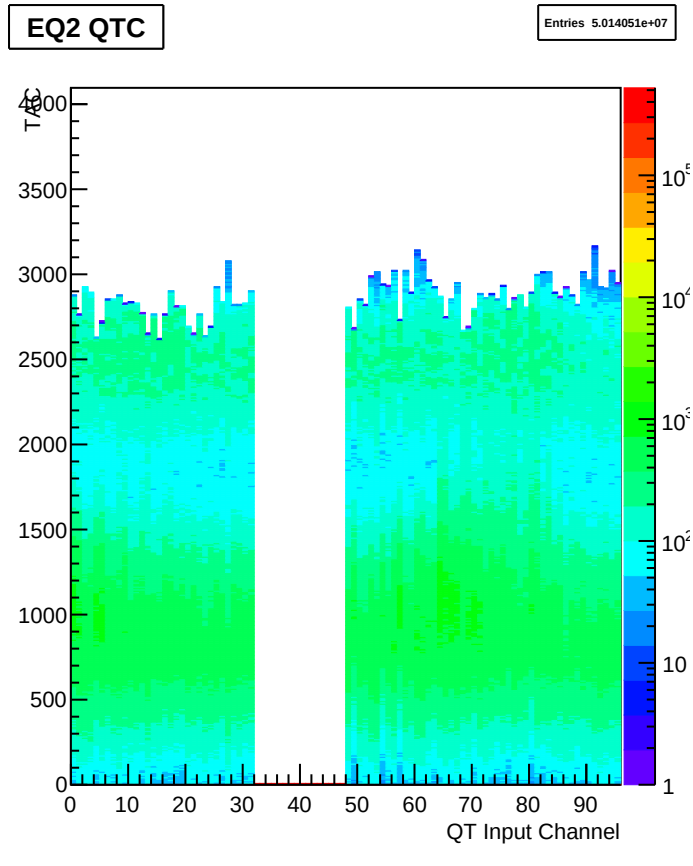

EQ1 QTC
Entries 5.014051e+07
ADC
QT Input Channel

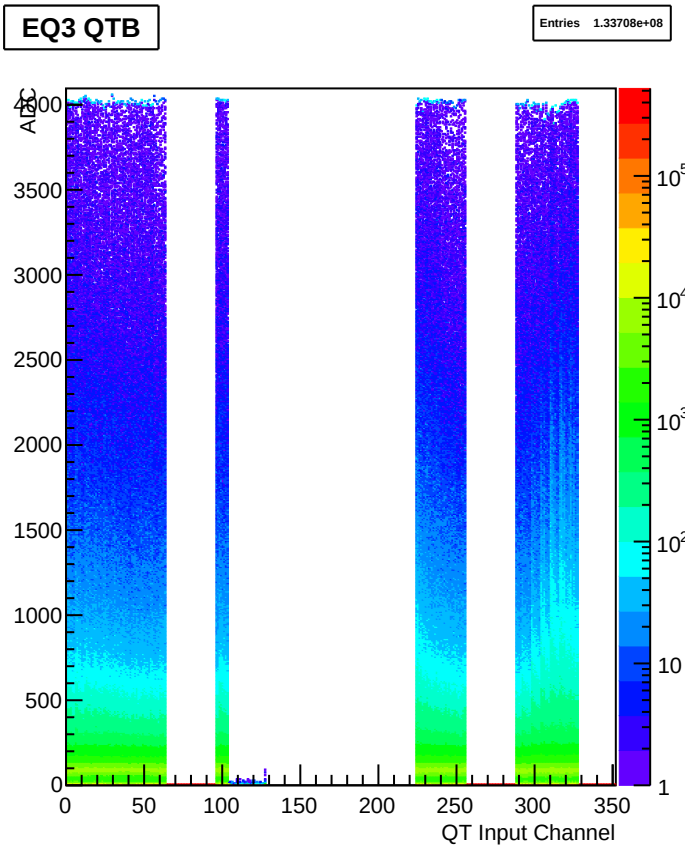

EQ1 QTC
Entries 5.014051e+07
TADC
QT Input Channel

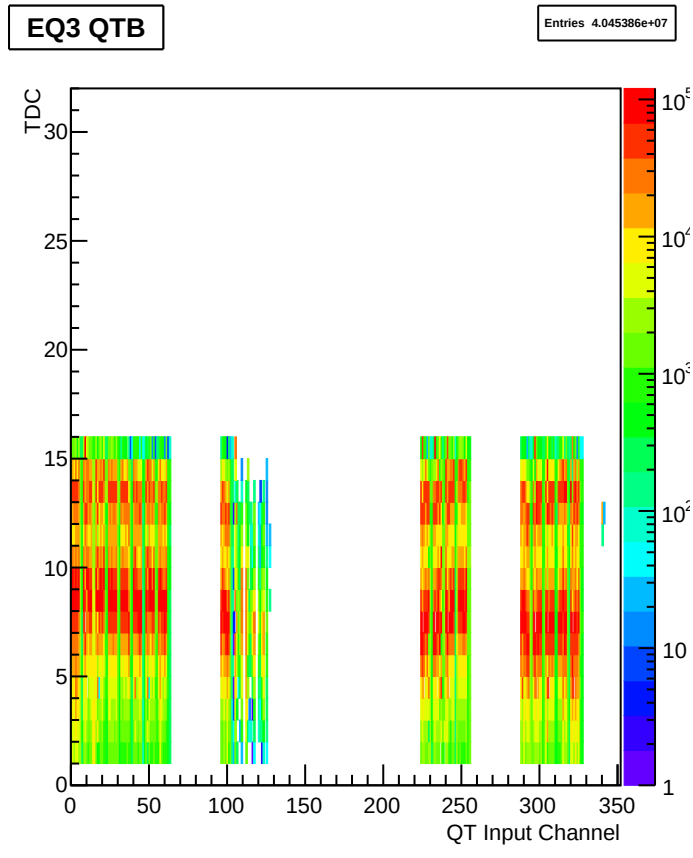

EQ2 QTB
Entries 1.504215e+08
ADC
QT Input Channel

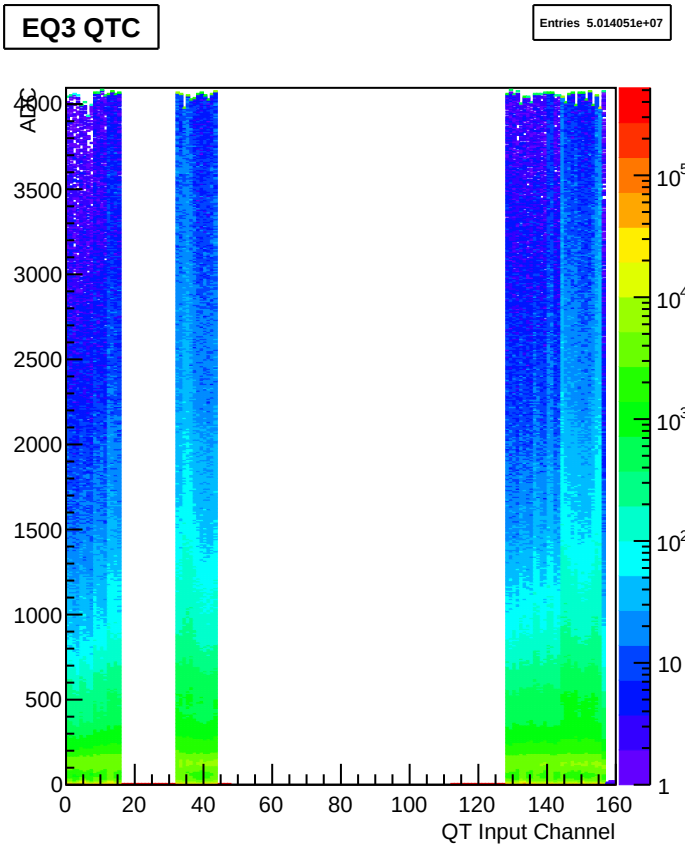

EQ2 QTB
Entries 4.985031e+07
TDC
QT Input Channel

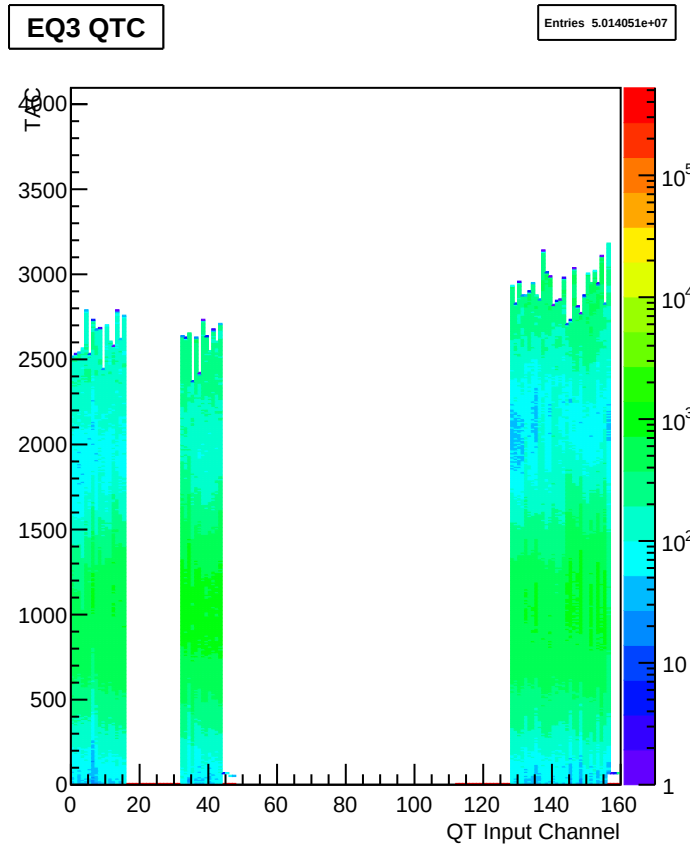

EQ2 QTC
Entries 5.014051e+07
ADC
QT Input Channel

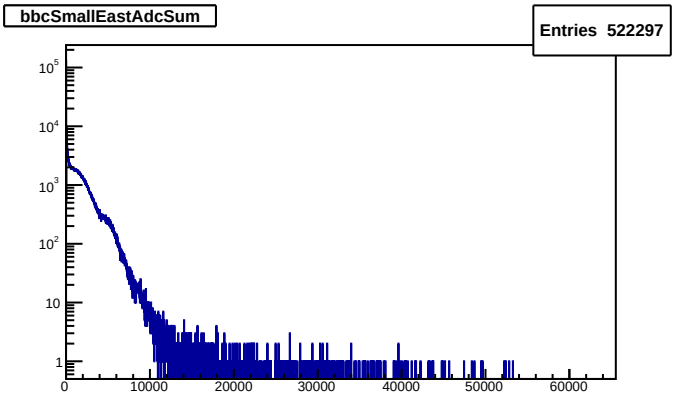

EQ2 QTC
Entries 5.014051e+07
TADC
QT Input Channel

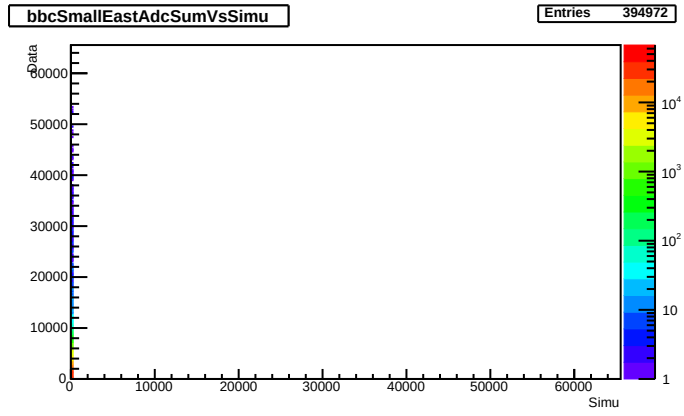

EQ3 QTB
Entries 1.33708e+08
ADC
QT Input Channel

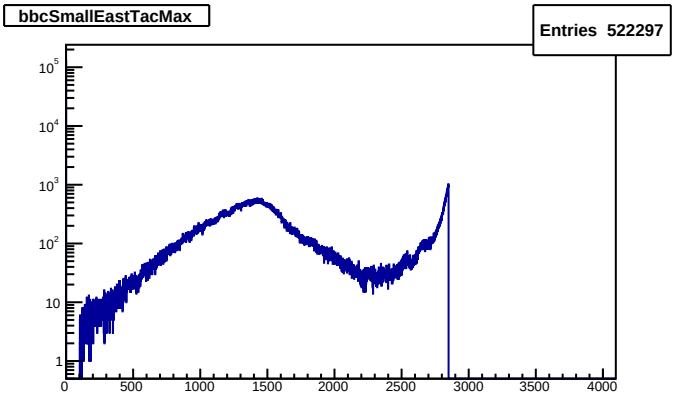

EQ3 QTB
Entries 4.045386e+07
TDC
QT Input Channel

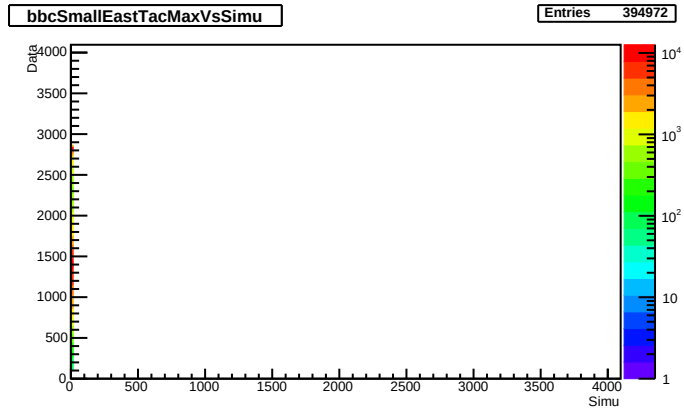

EQ3 QTC
Entries 5.014051e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.014051e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 522297


bbcSmallEastAdcSumVsSimu
Entries 394972
Data
Simu


bbcSmallEastTacMax
Entries 522297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Entries 394972
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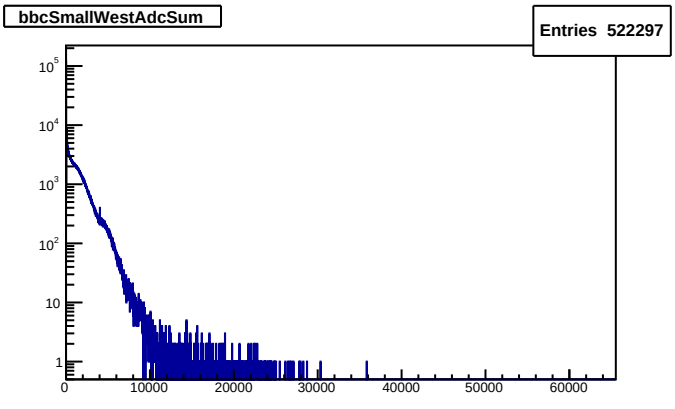
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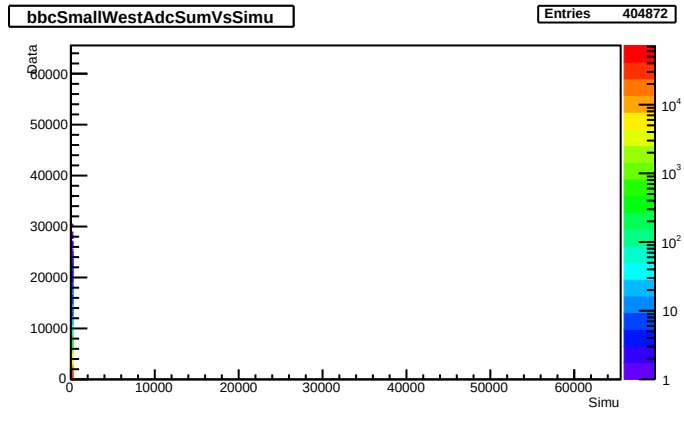
Entries 522297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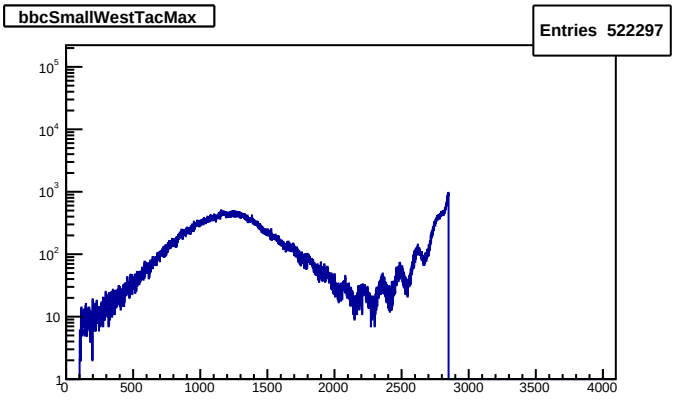
Entries 404872
Data
Simu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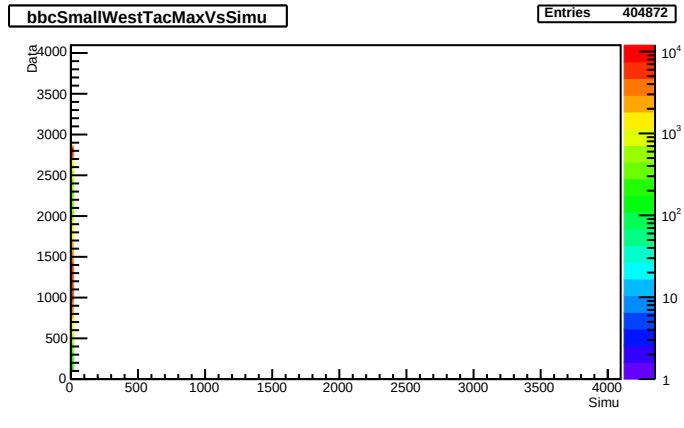
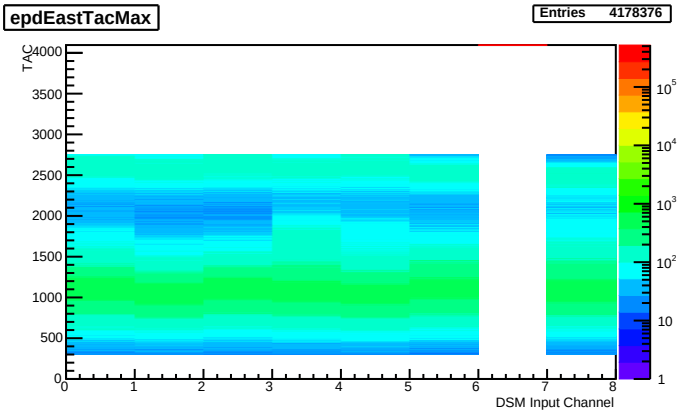
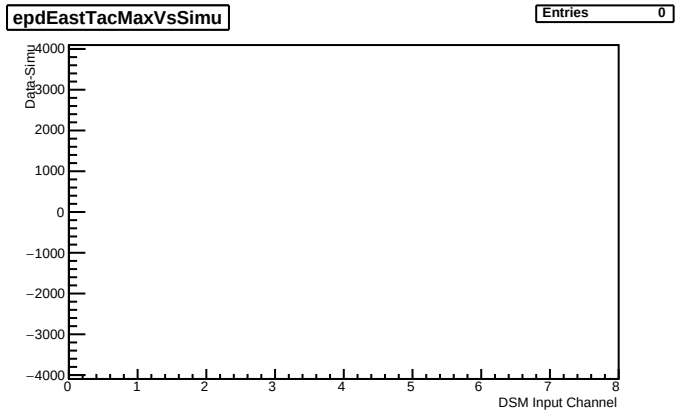
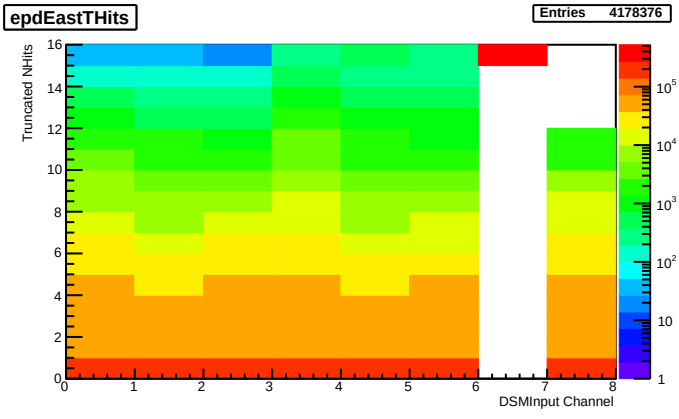
Entries 522297


bbcSmallWestTacMaxVsSimu
Entries 404872
Data
Simu


epdEastTacMax
Entries 4178376
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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Entries 4178376
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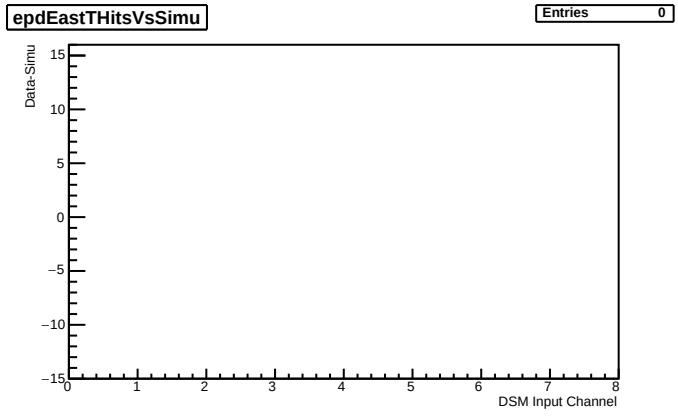
DSMInput Channel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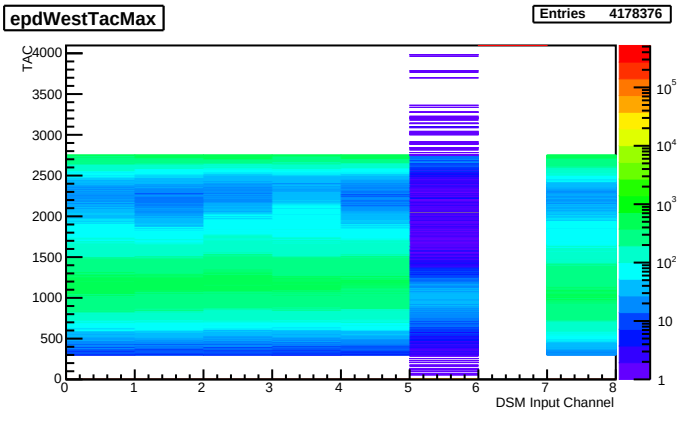
Data-Simu
DSM Input Channel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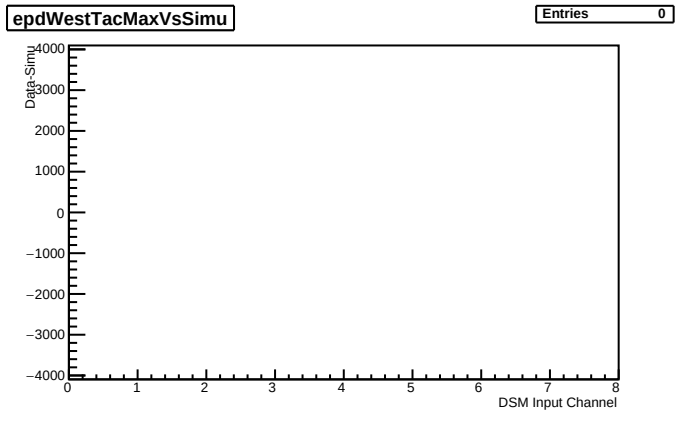
Entries 4178376
TAC
DSM Input Channel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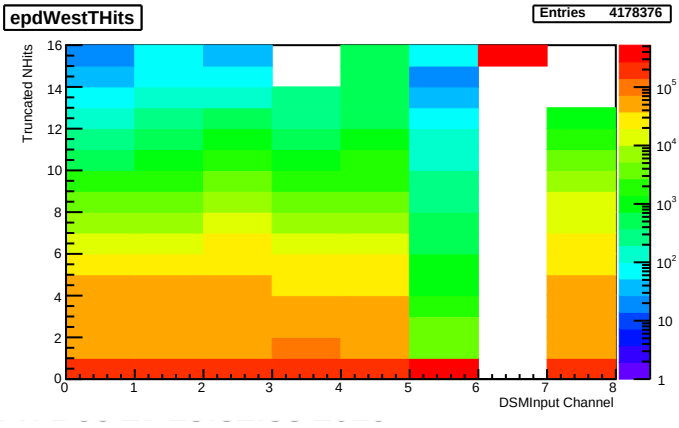
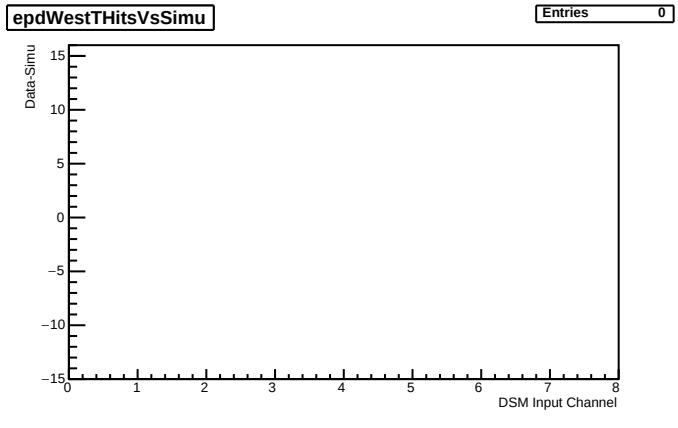
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4178376
Truncated NHits
DSMInput Channel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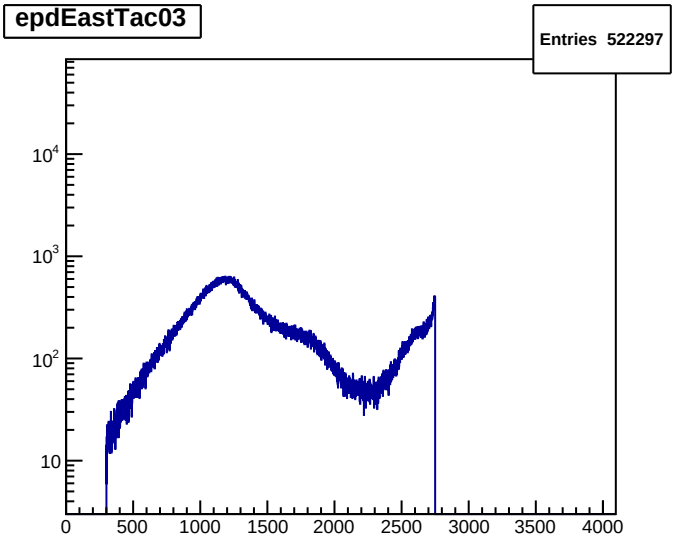
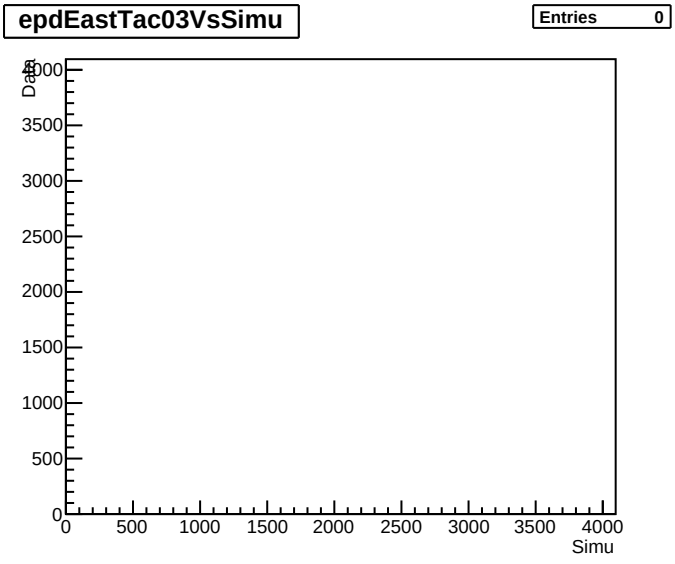
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 522297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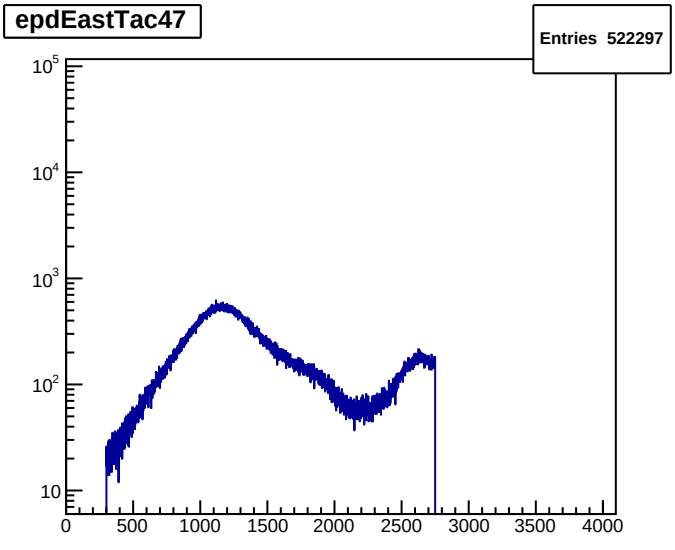
Entries 0
Data
Simu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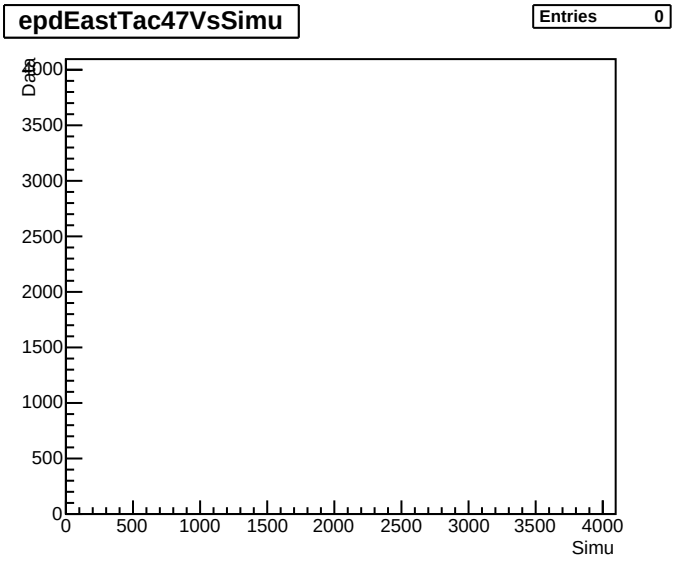
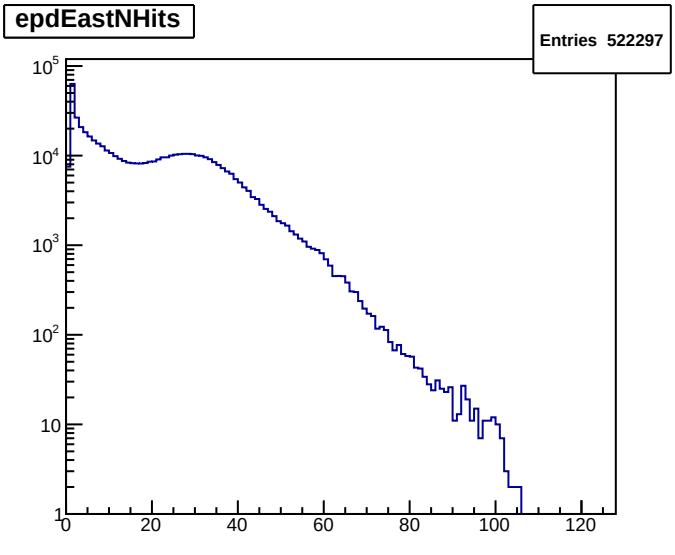
Entries 522297


epdEastTac47VsSimu
Entries 0
Data
Simu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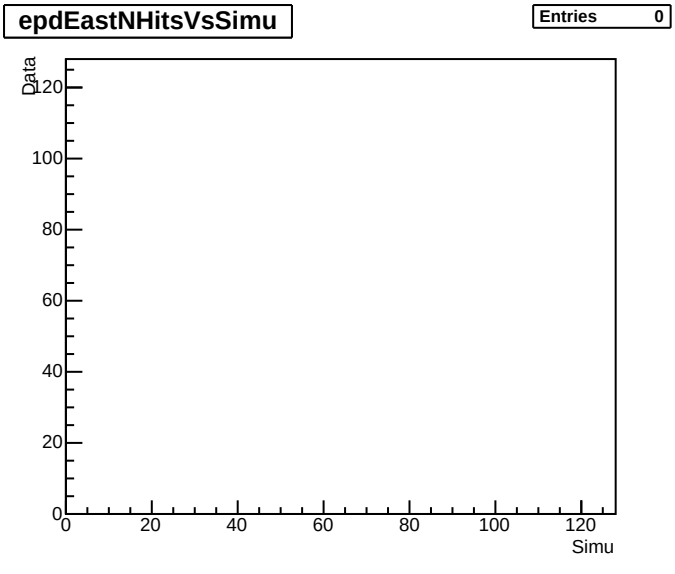
Entries 522297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Data
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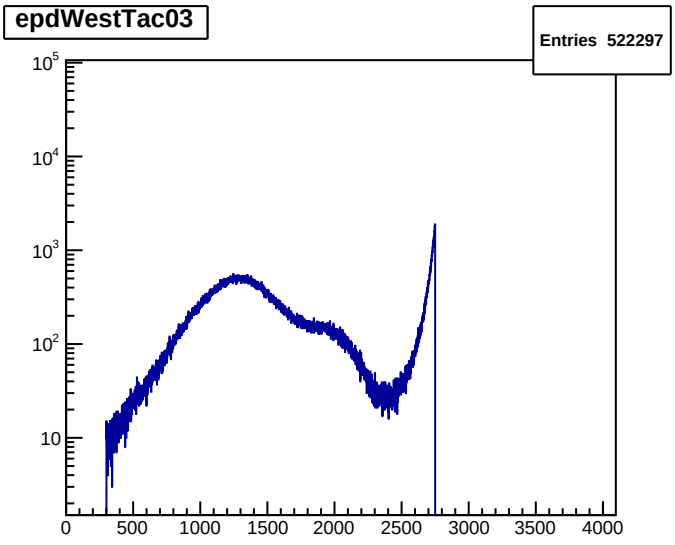
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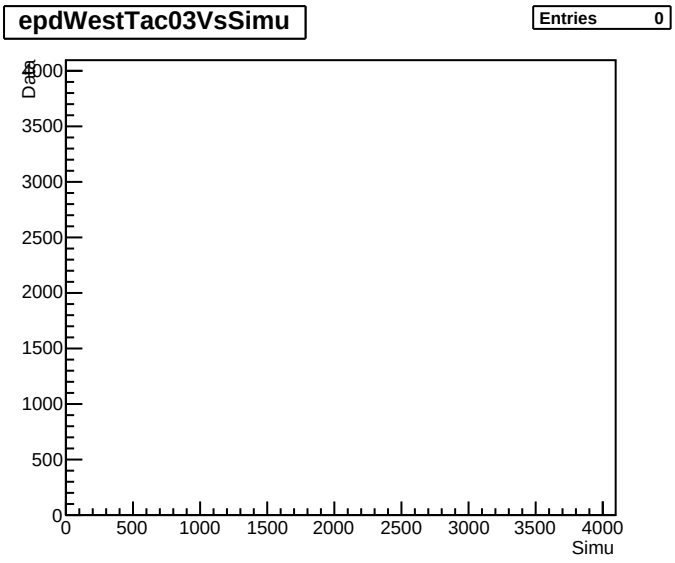
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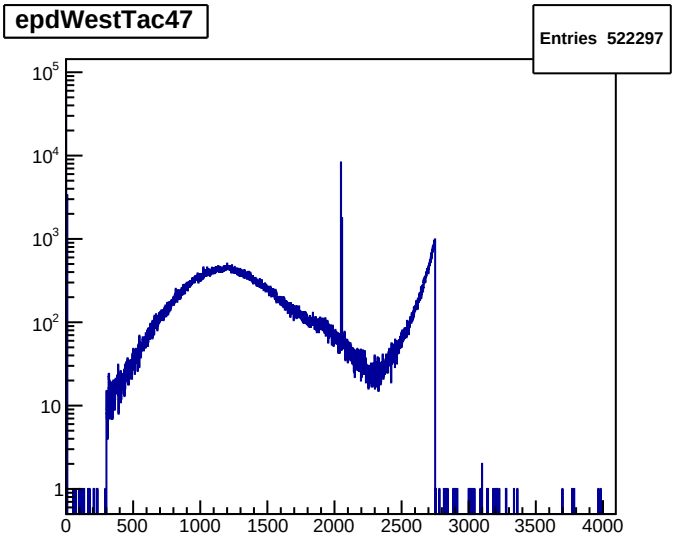
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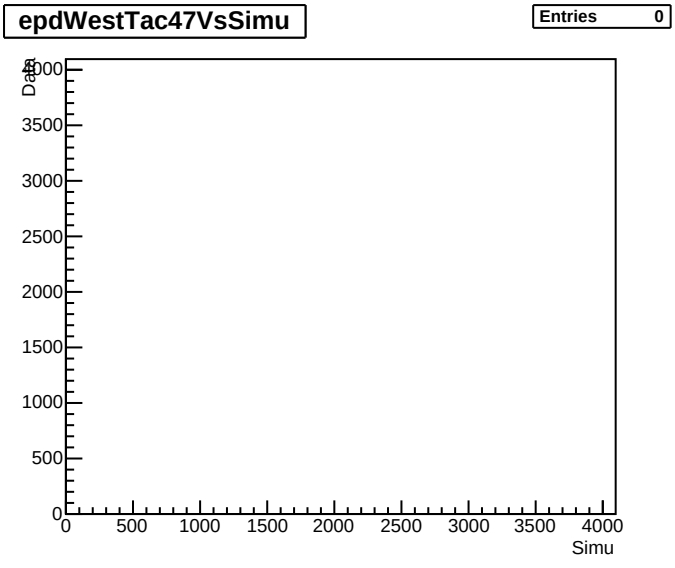
Entries 522297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Data
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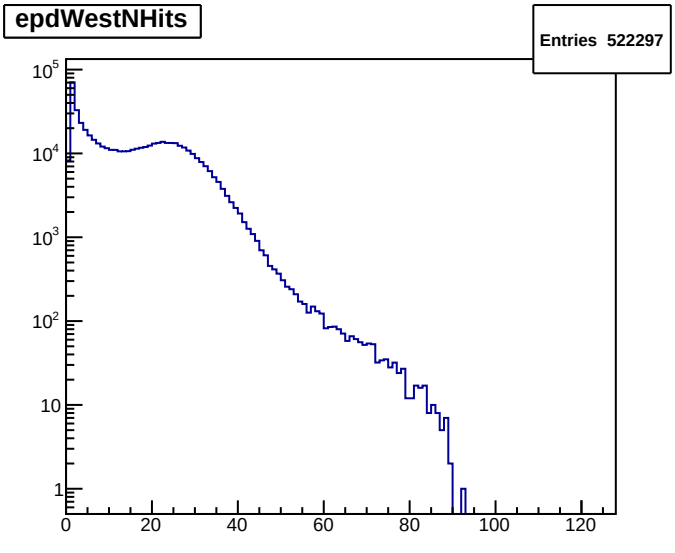
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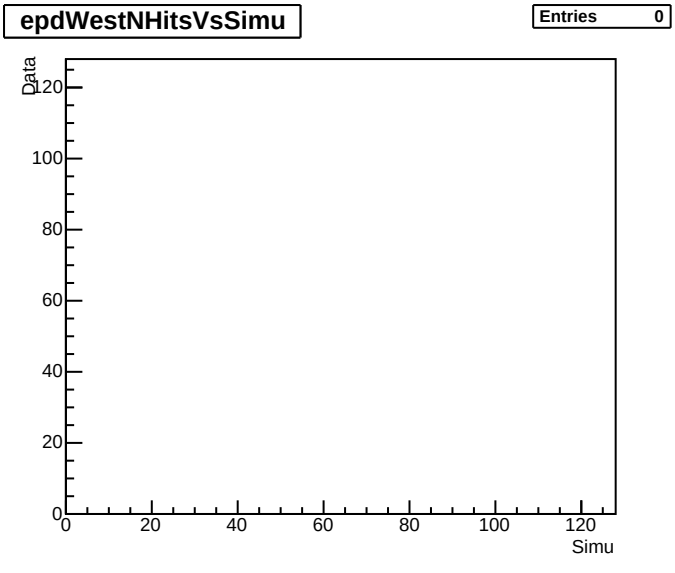
Entries 522297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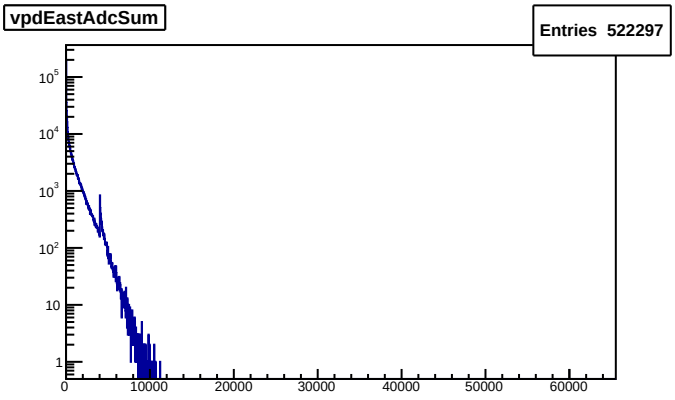
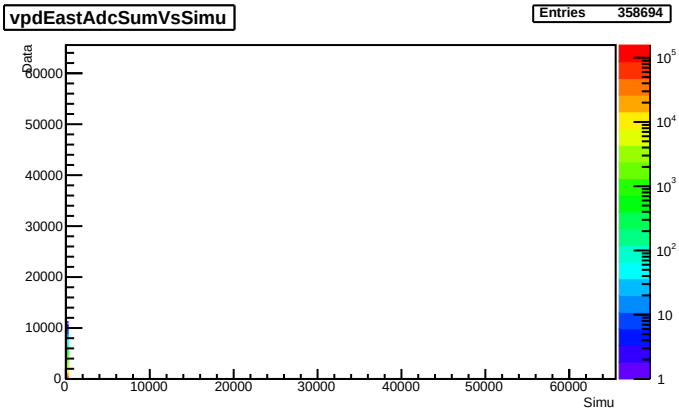
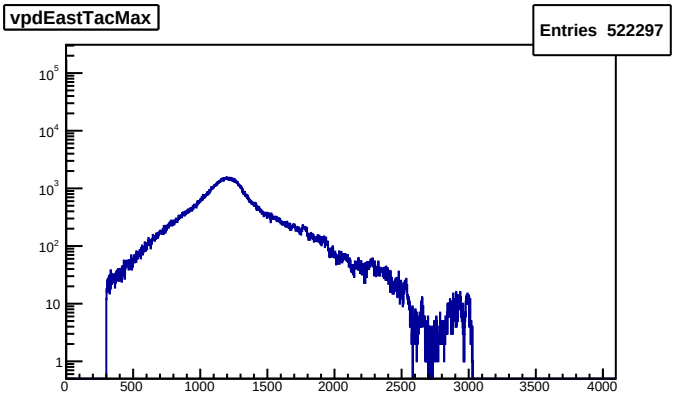
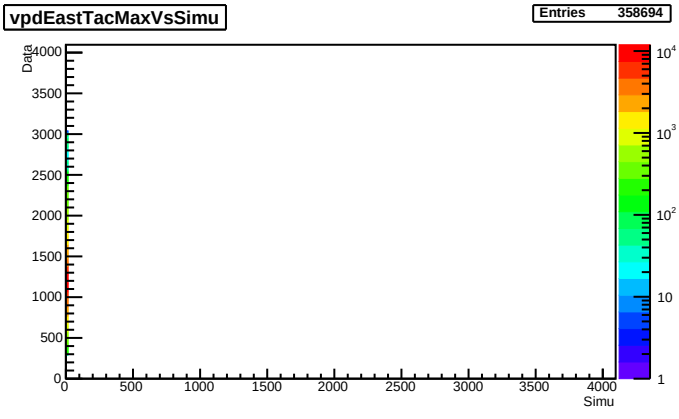
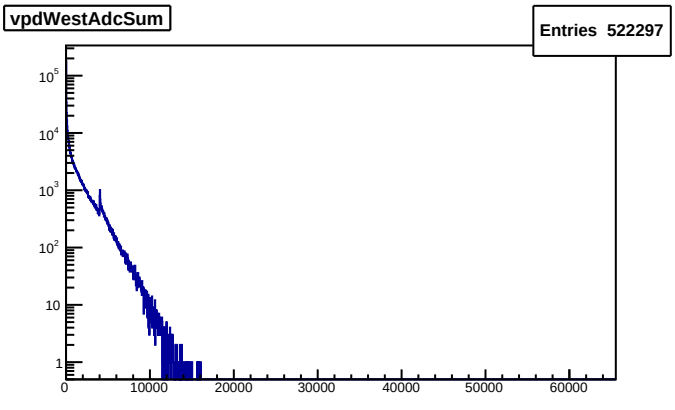
Entries 0
Data
Simu

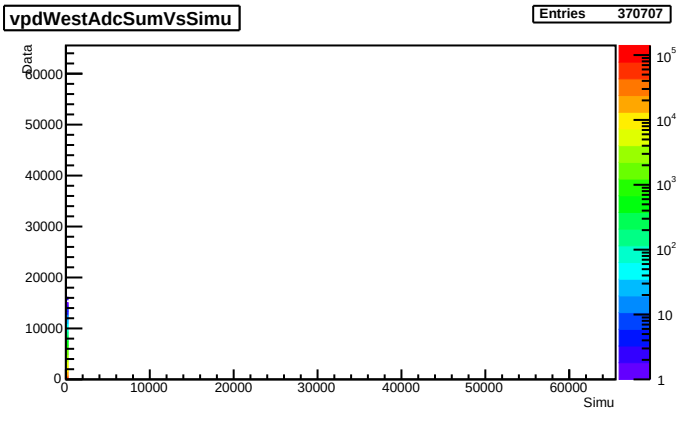

vpdEastAdcSum
Entries 522297

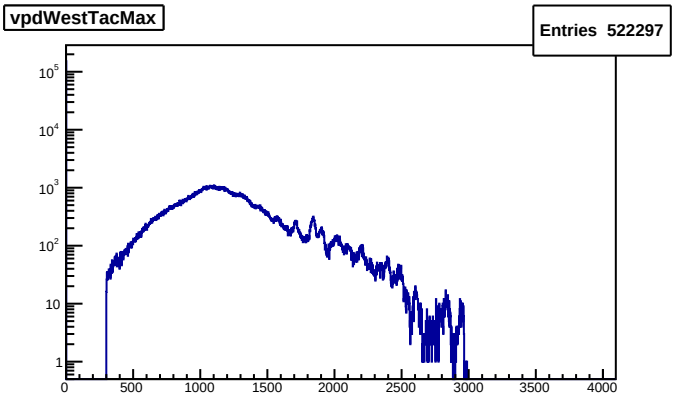

vpdEastAdcSumVsSimu
Entries 358694
Data
Simu

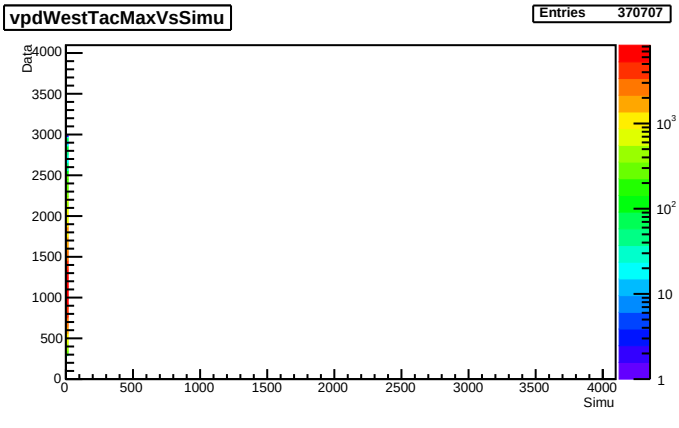

vpdEastTacMax
Entries 522297

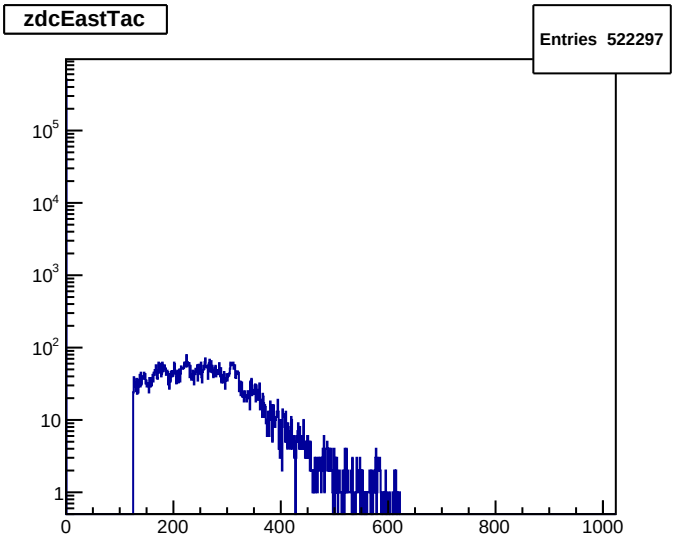

vpdEastTacMaxVsSimu
Entries 358694
Data
Simu

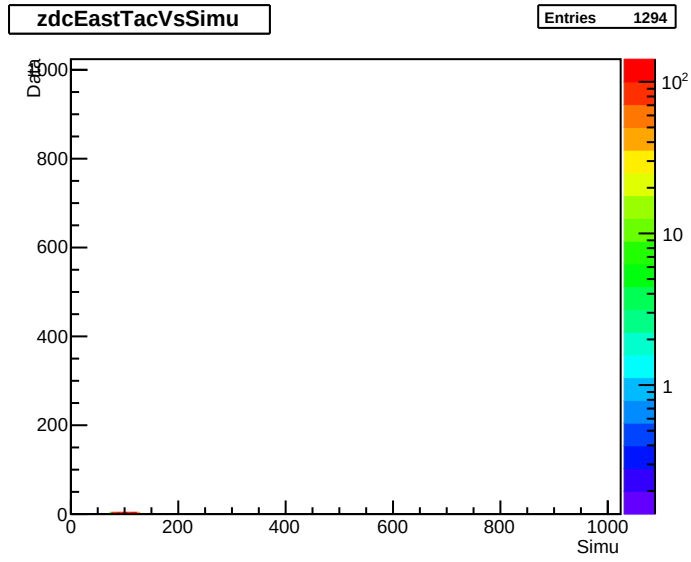

vpdWestAdcSum
Entries 522297

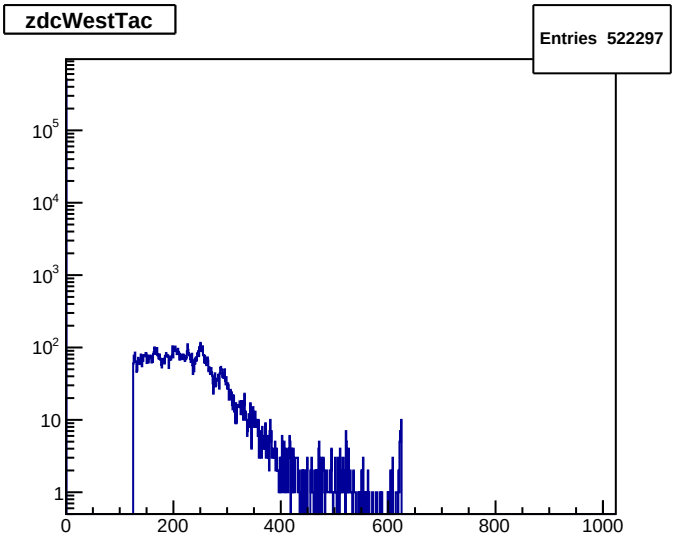

vpdWestAdcSumVsSimu
Entries 370707
Data
Simu

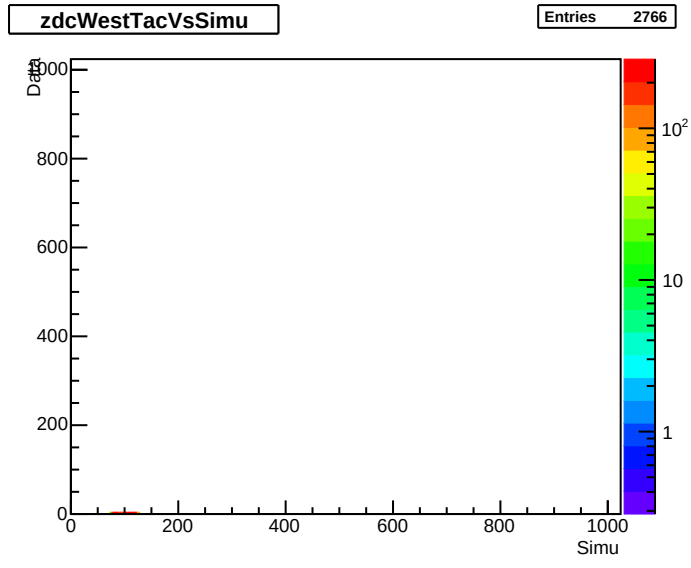

vpdWestTacMax
Entries 522297

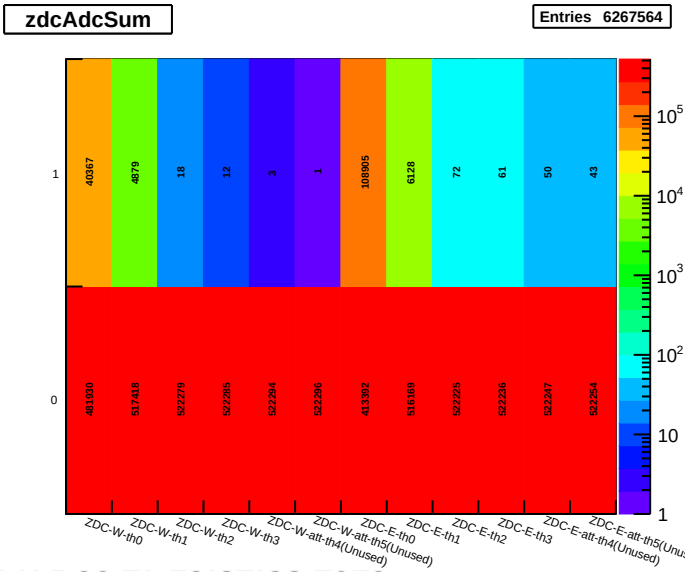

vpdWestTacMaxVsSimu
Entries 370707
Data
Simu

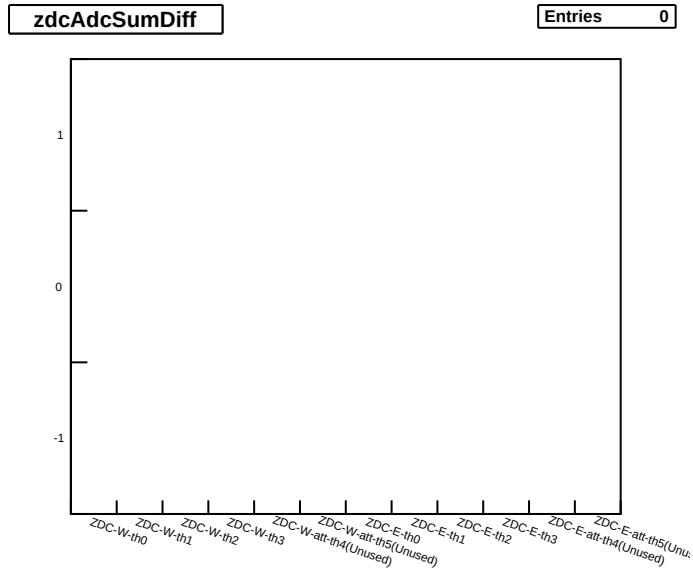

zdcEastTac
Entries 522297

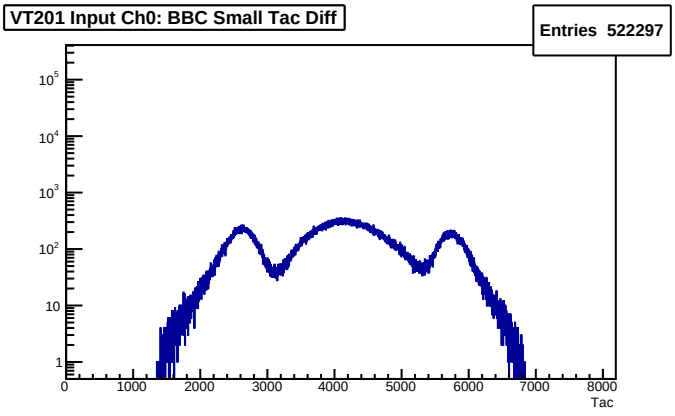

zdcEastTacVsSimu
Entries 1294
Data
Simu

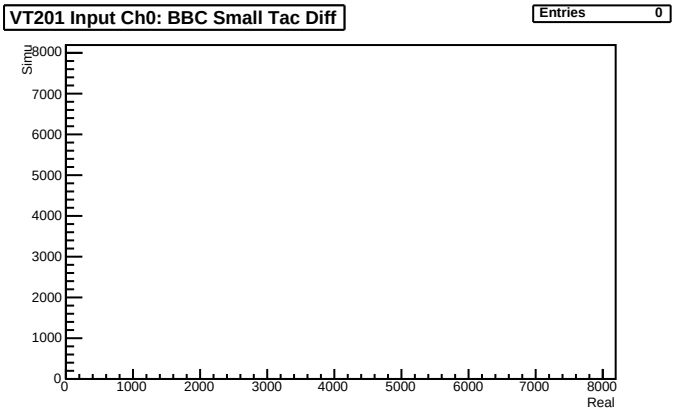

zdcWestTac
Entries 522297

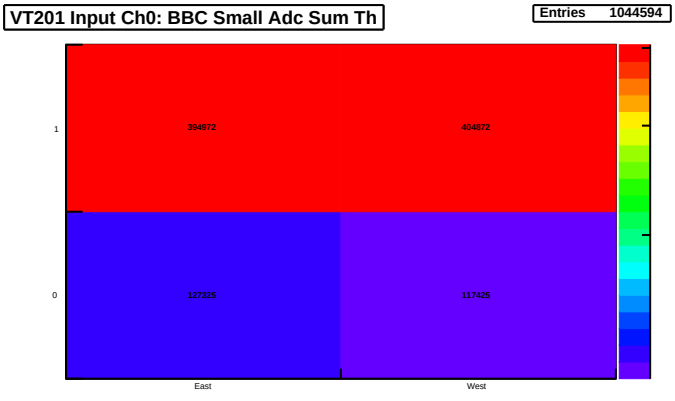

zdcWestTacVsSimu
Entries 2766
Data
Simu

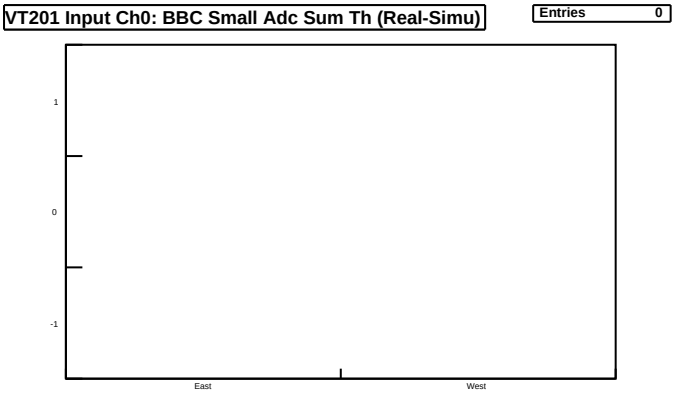

zdcAdcSum
Entries 6267564
40367
4879
18
12
3
1
108905
6128
72
61
50
43
461930
517418
522279
522285
522294
522296
413392
516169
522225
522236
522247
522254
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

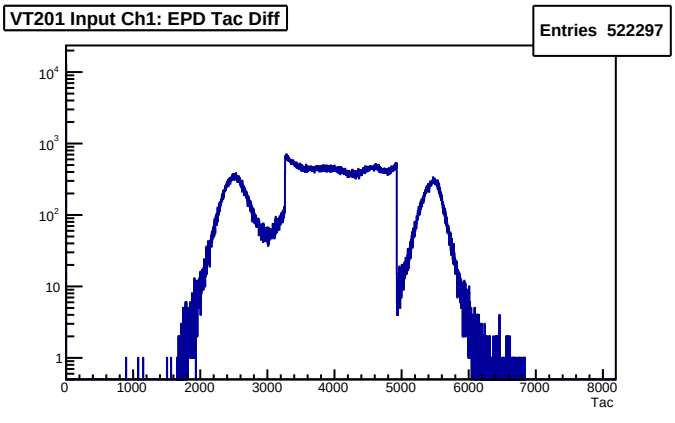

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

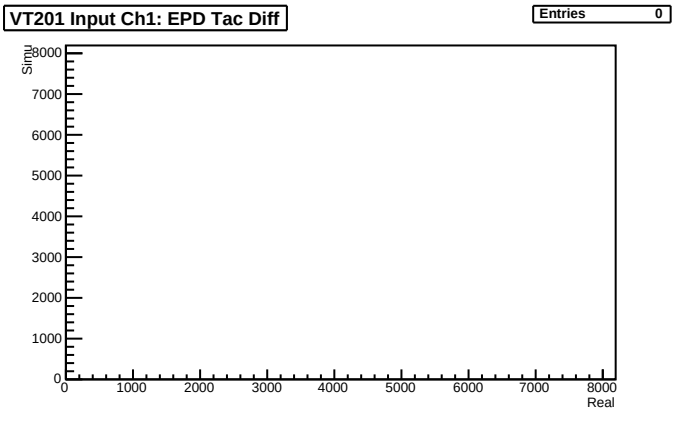

VT201 Input Ch0: BBC Small Tac Diff
Entries 522297
Tac

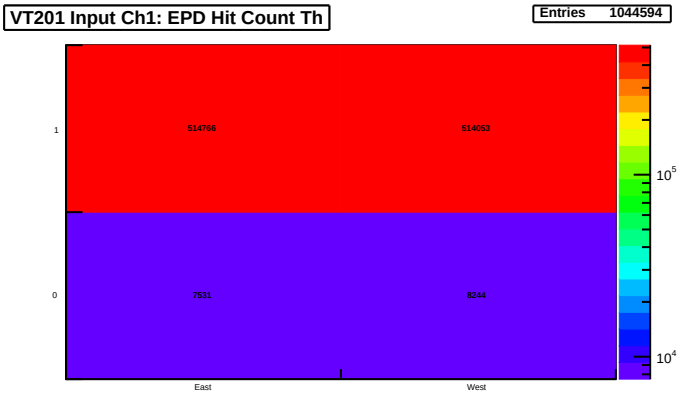

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

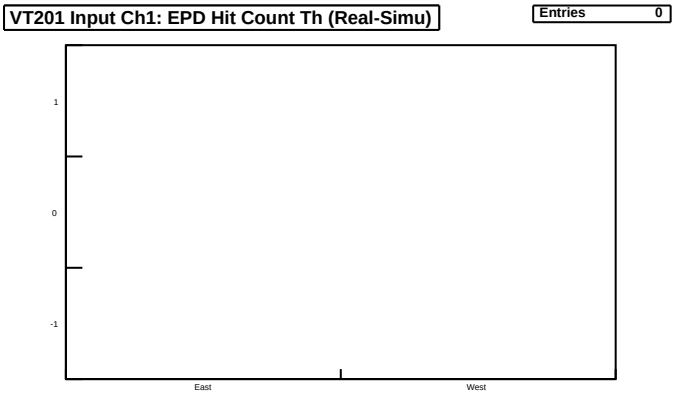

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1044594
394972
404872
127325
117425
East
West

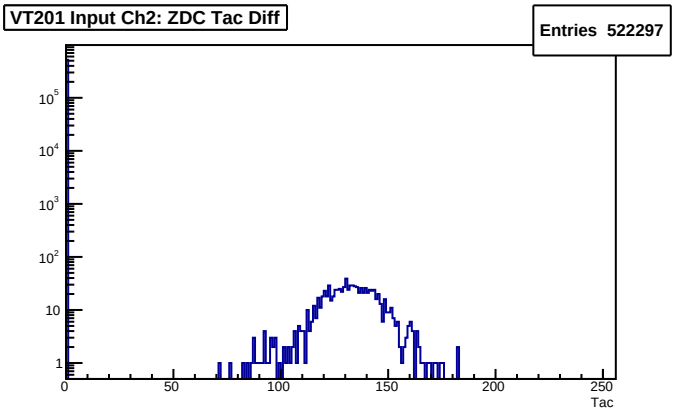

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

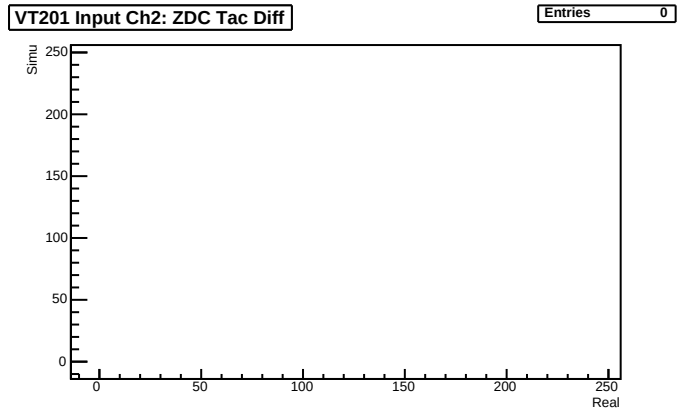

VT201 Input Ch1: EPD Tac Diff
Entries 522297
Tac

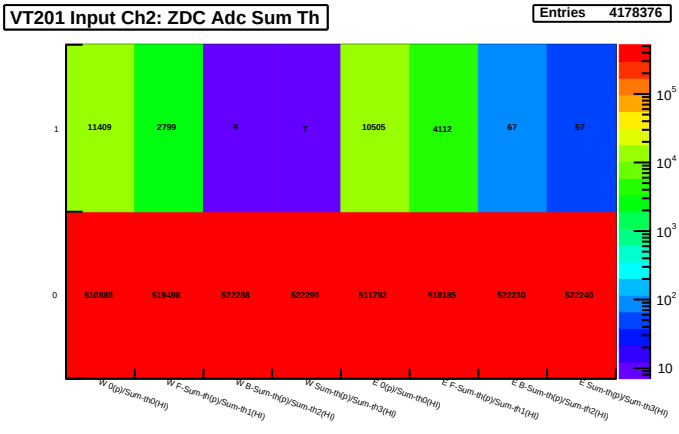

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

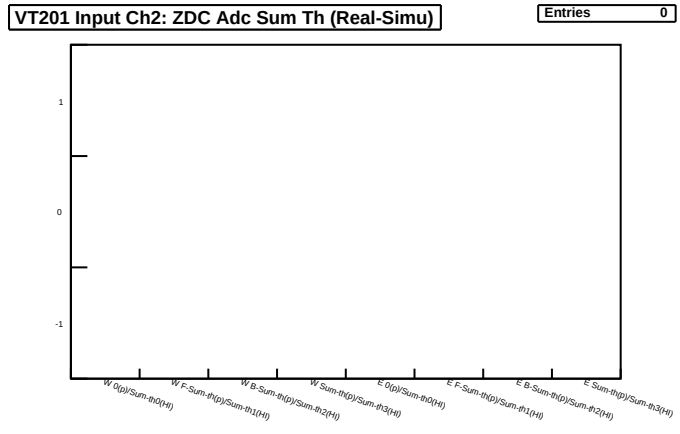

VT201 Input Ch1: EPD Hit Count Th
Entries 1044594
514766
514053
7531
8244
East
West

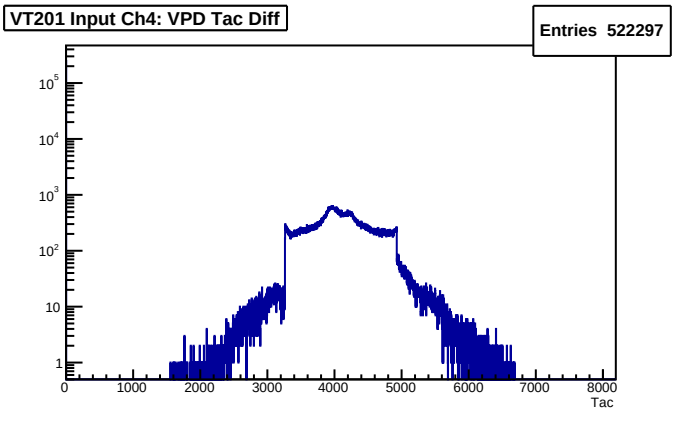

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

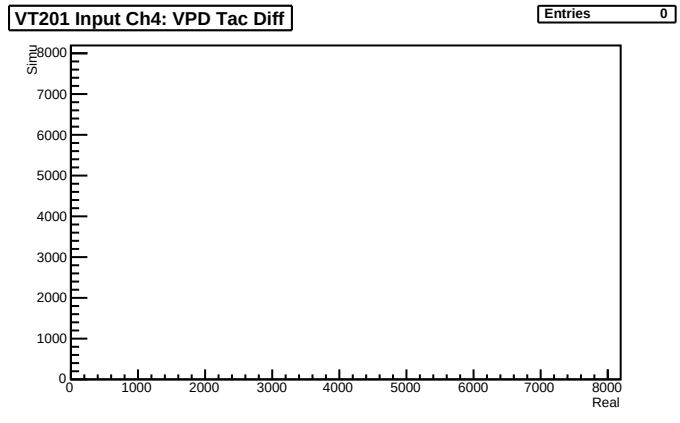

VT201 Input Ch2: ZDC Tac Diff
Entries 522297
Tac

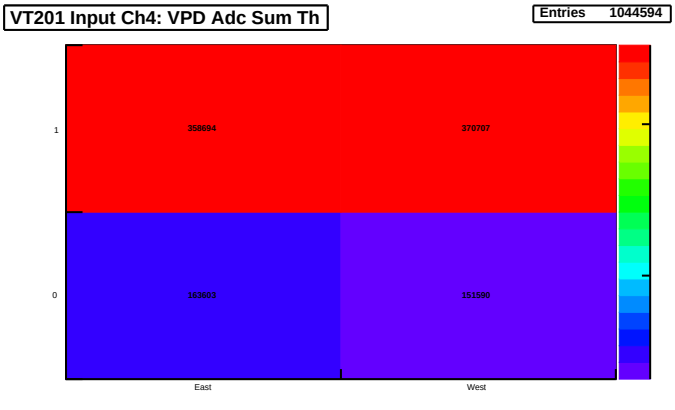

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

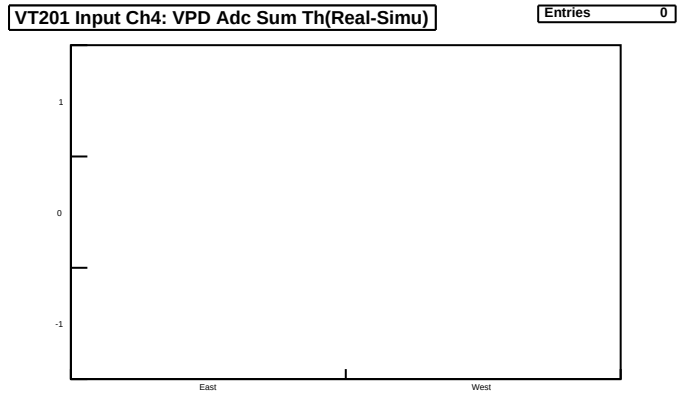

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4178376
11409
2799
9
7
10505
4112
67
57
510888
519498
522288
522290
511792
518185
522230
522240
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

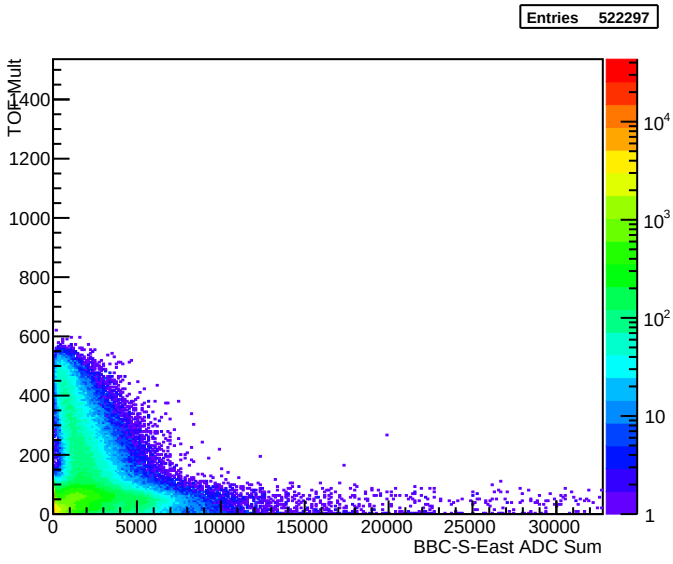

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

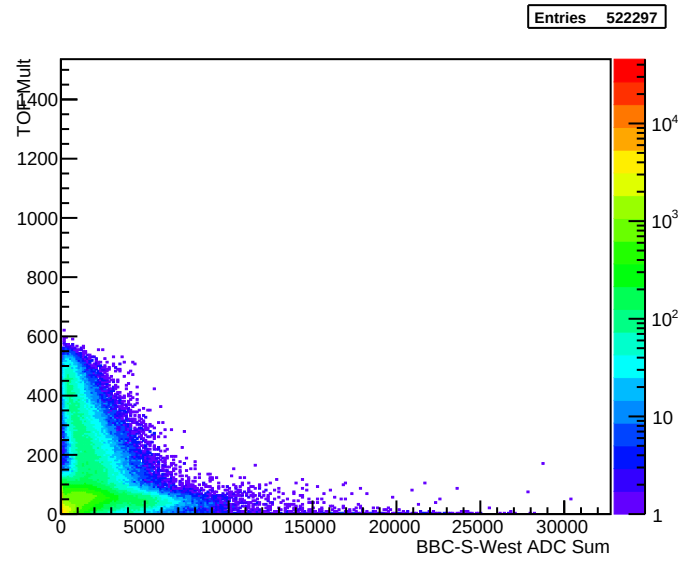

VT201 Input Ch4: VPD Tac Diff
Entries 522297
Tac

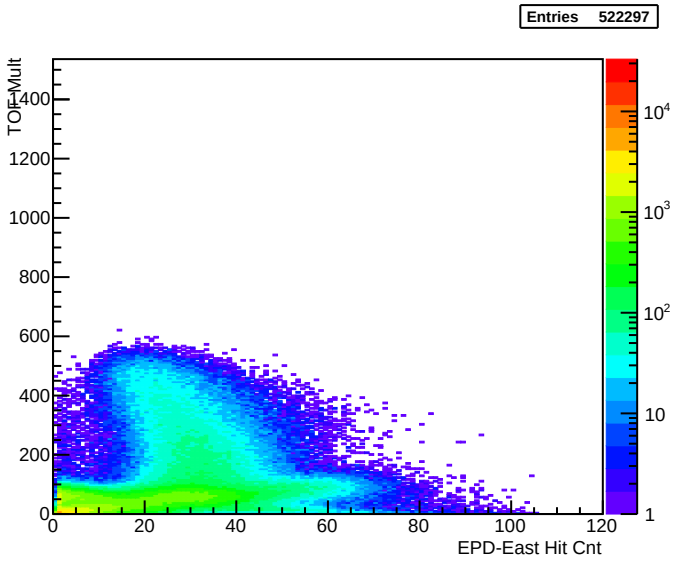

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

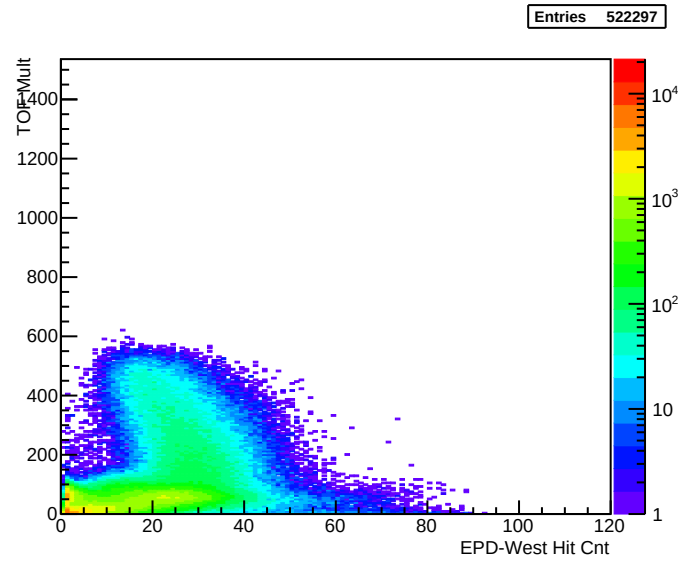

VT201 Input Ch4: VPD Adc Sum Th
Entries 1044594
358694
370707
193603
151590
East
West

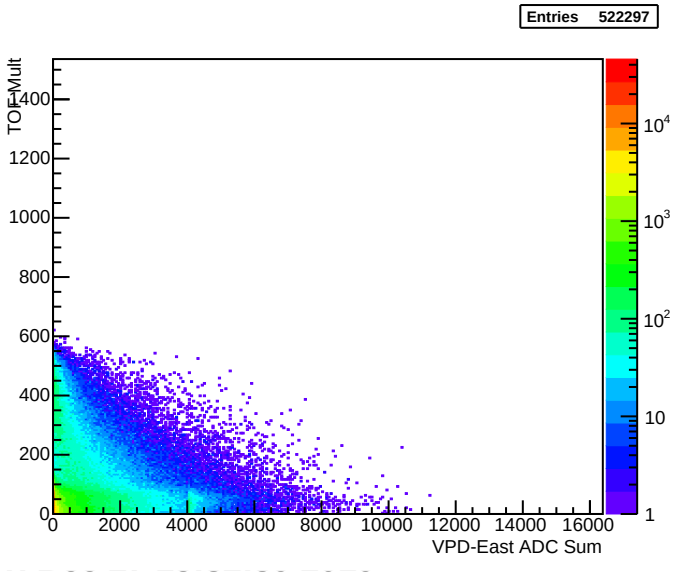

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

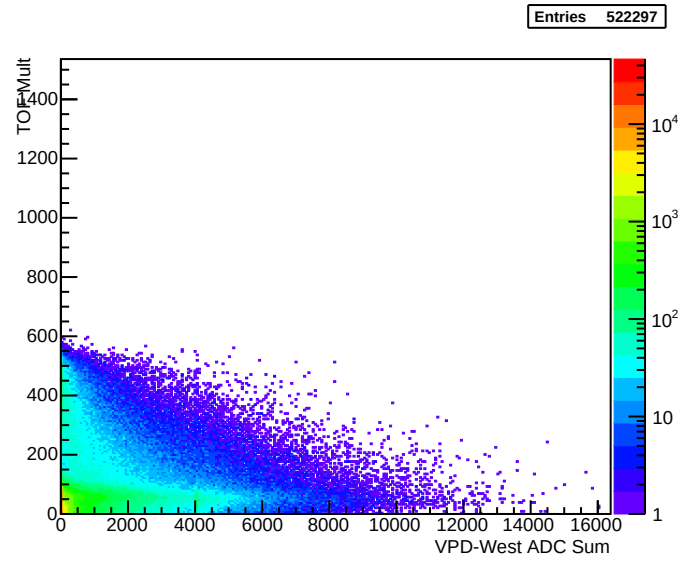

Entries 522297
TOF-Mult
BBC-S-East ADC Sum

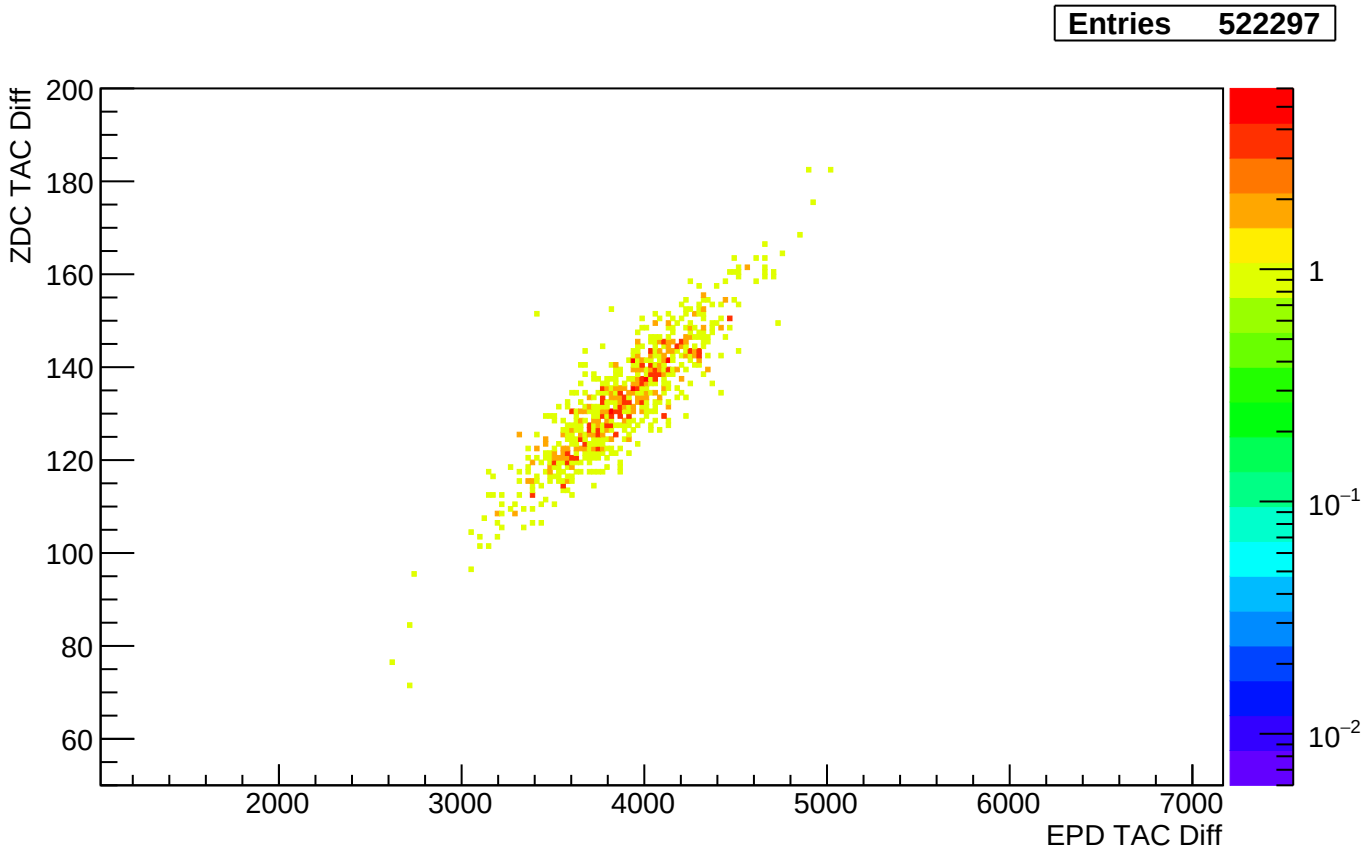

Entries 522297
TOF-Mult
BBC-S-West ADC Sum

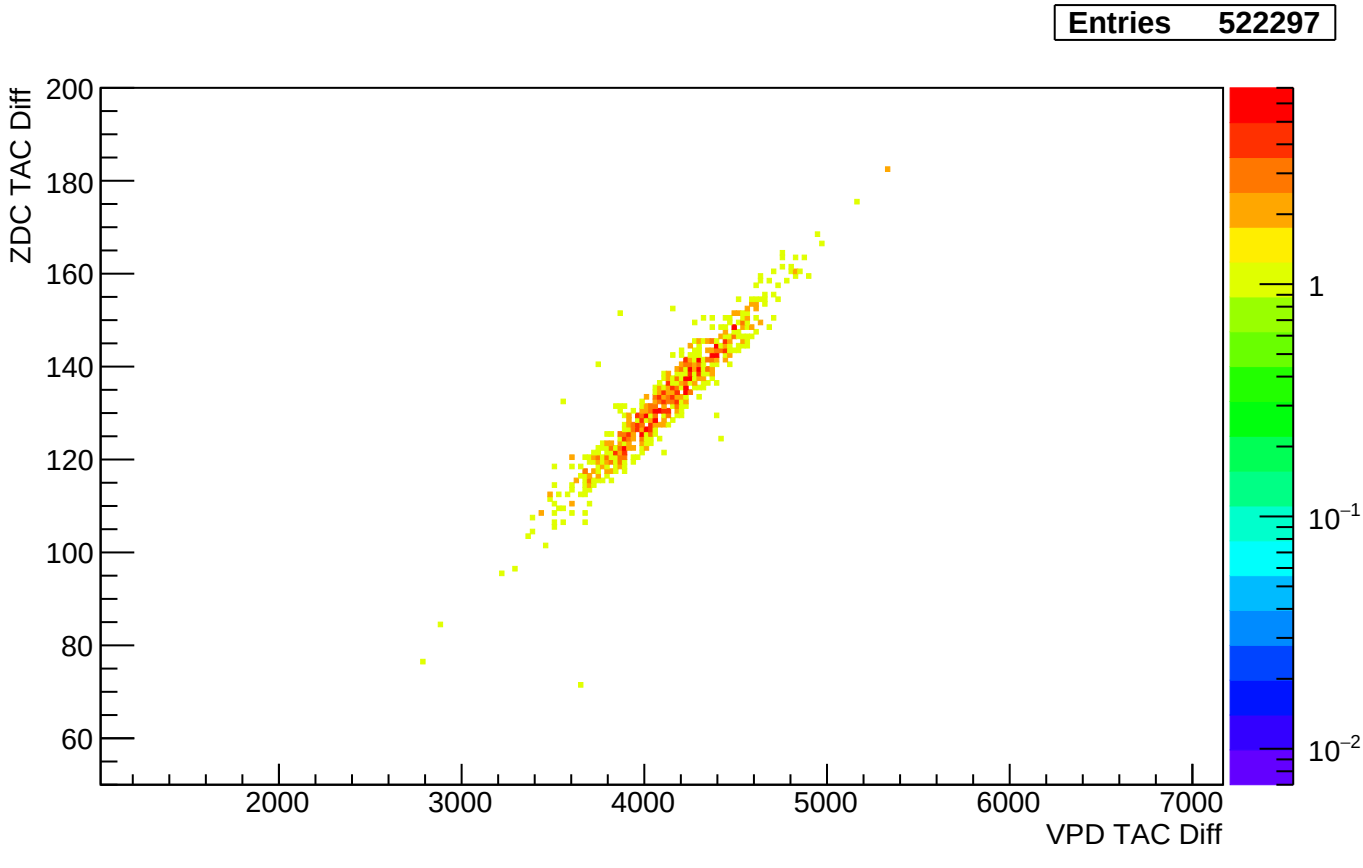

Entries 522297
TOF-Mult
EPD-East Hit Cnt

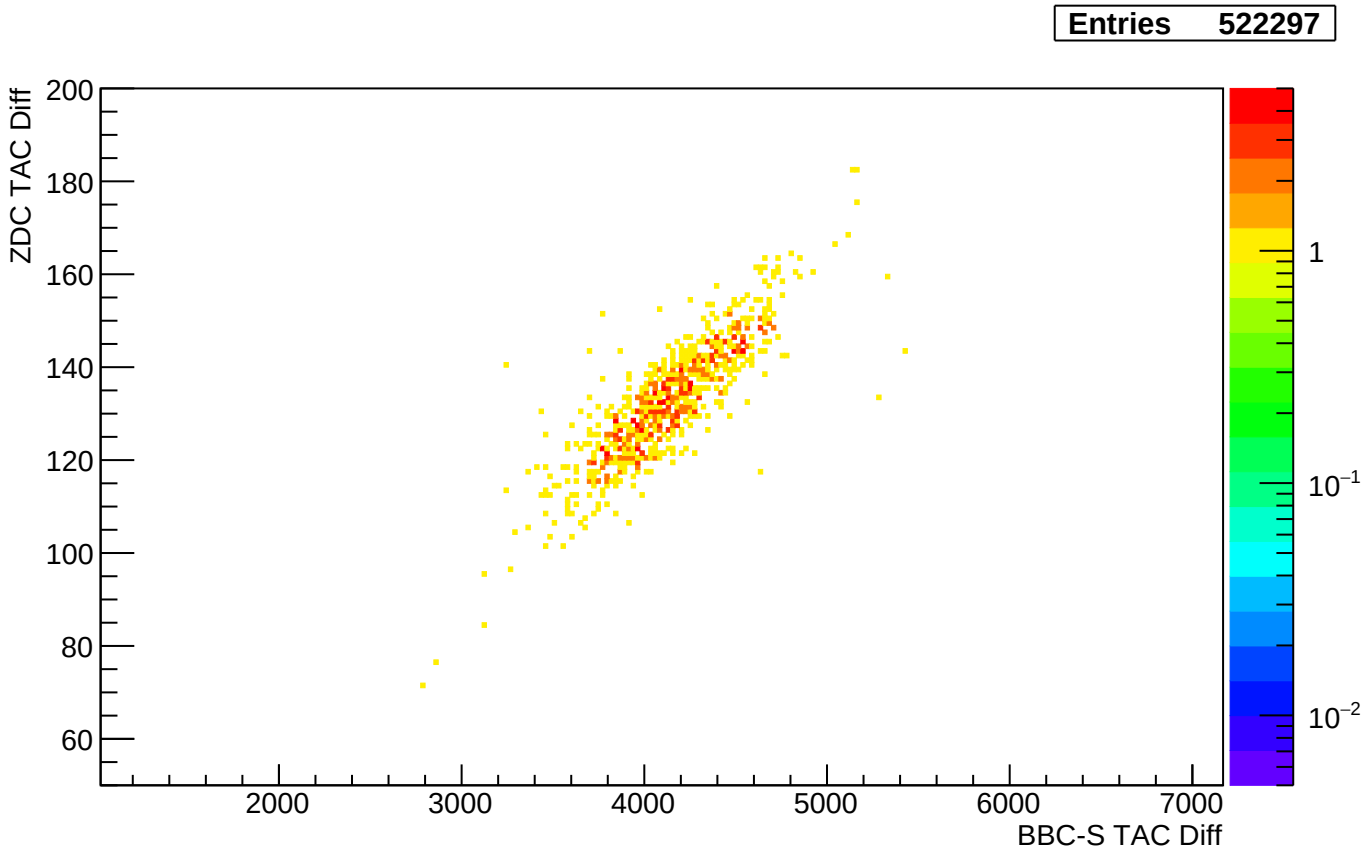

Entries 522297
TOF-Mult
EPD-West Hit Cnt

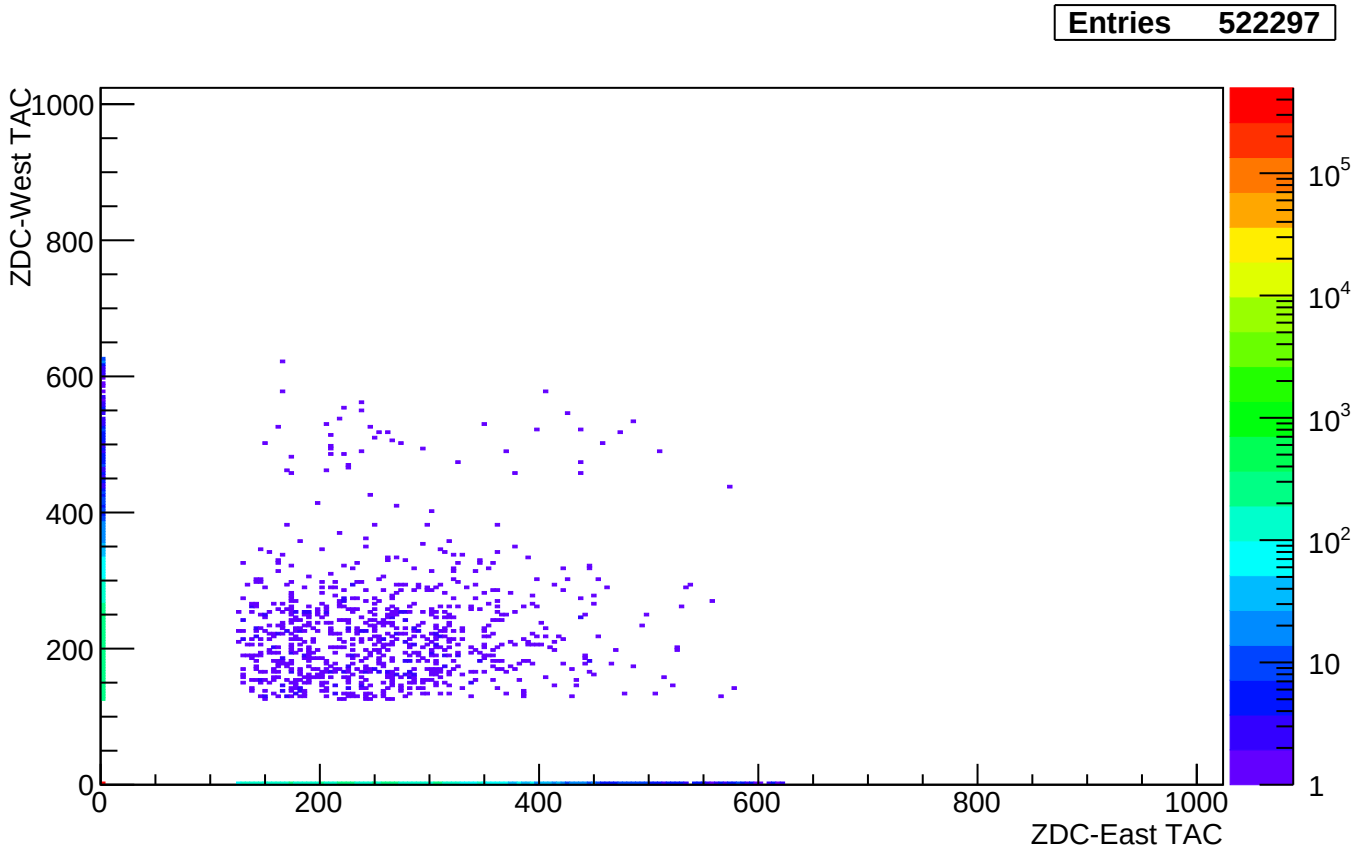

Entries 522297
TOF-Mult
VPD-East ADC Sum

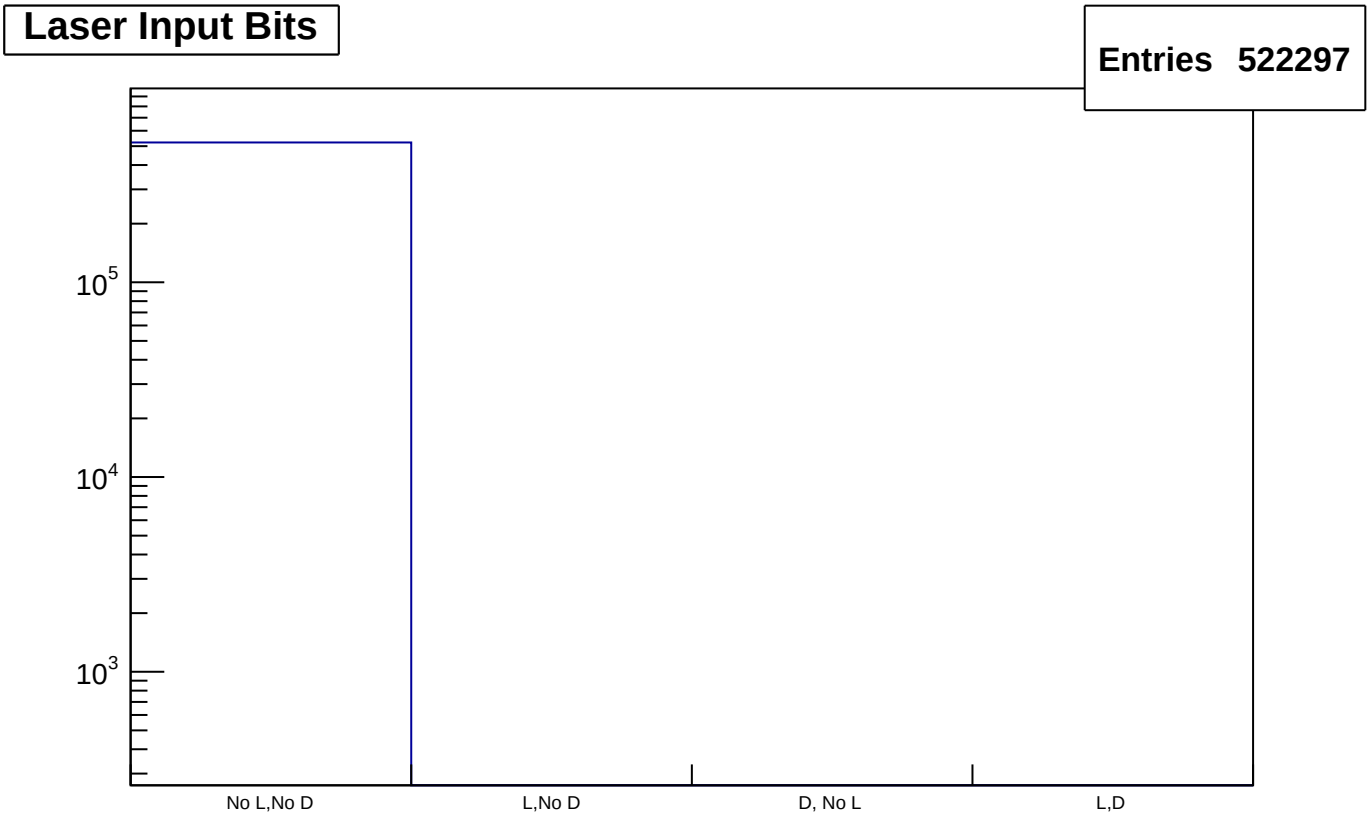

Entries 522297
TOF-Mult
VPD-West ADC Sum

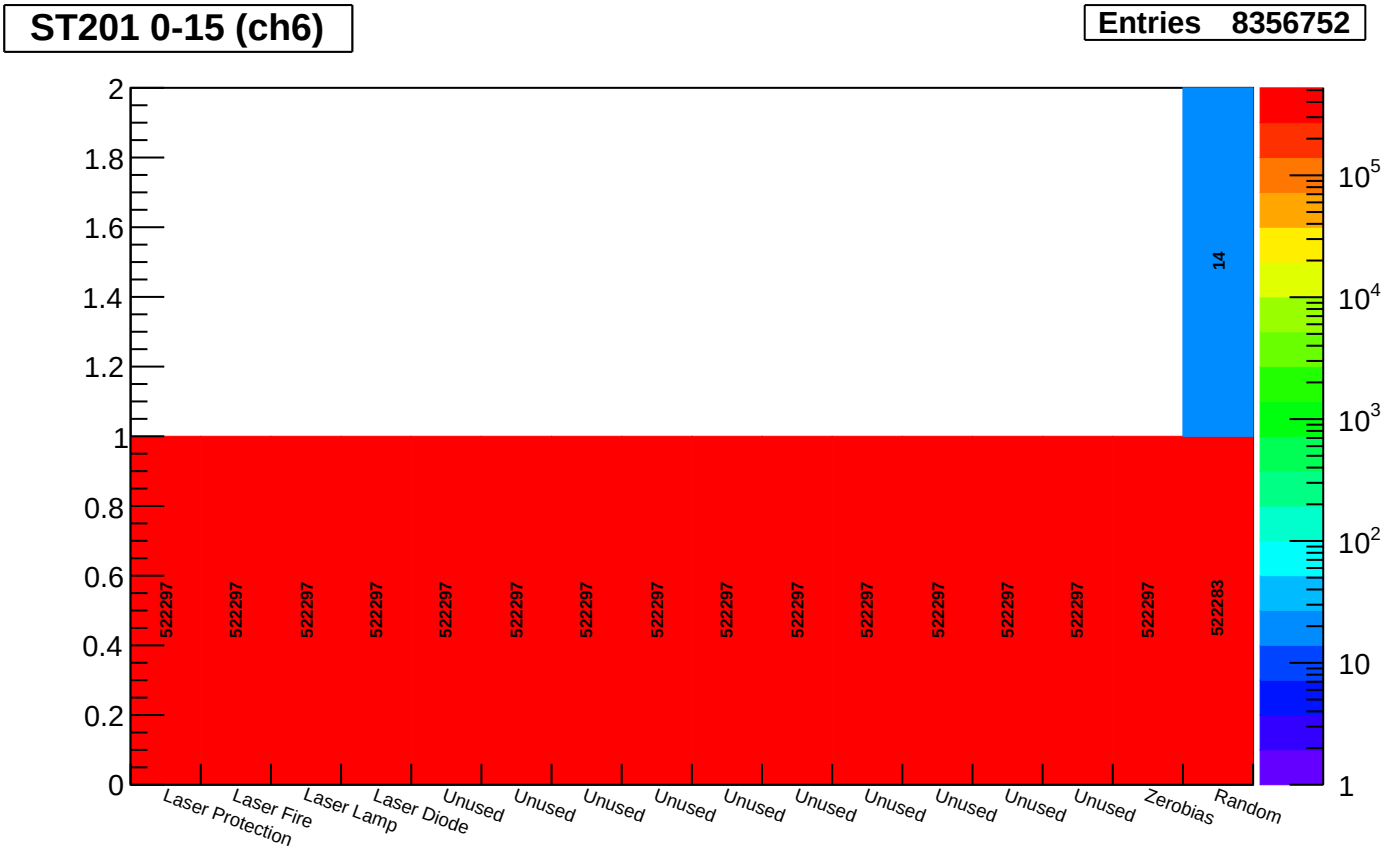

Entries 522297
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

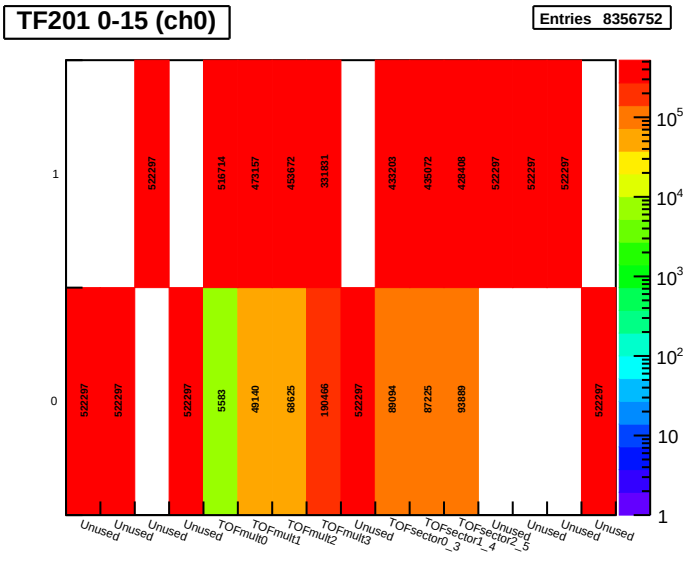

Entries 522297
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

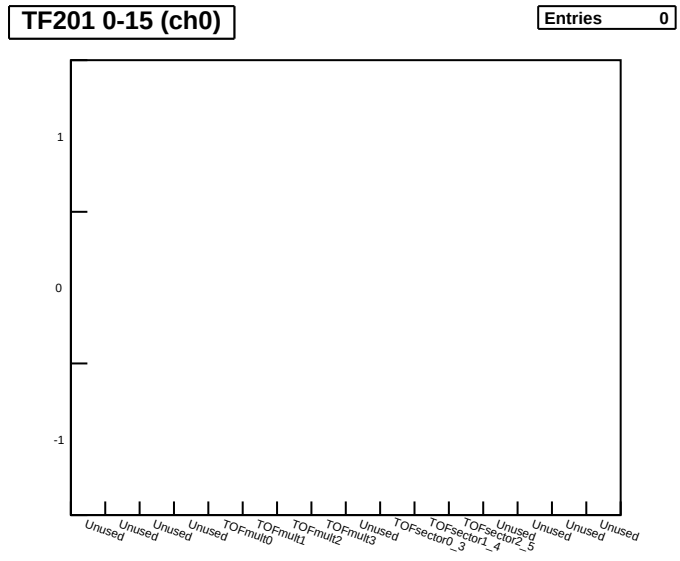

Entries 522297
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

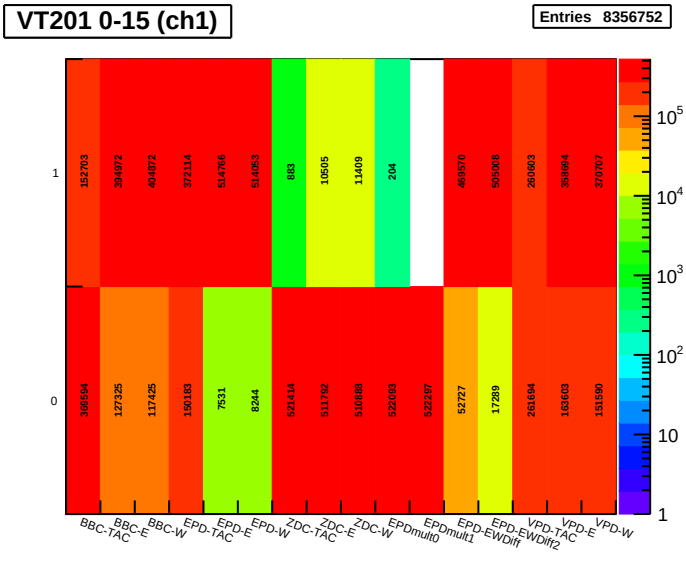

Entries 522297
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

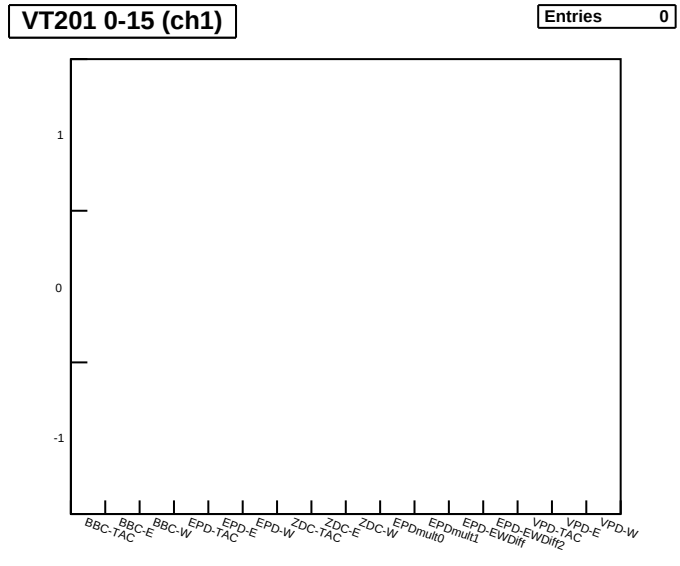

Laser Input Bits
Entries 522297
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

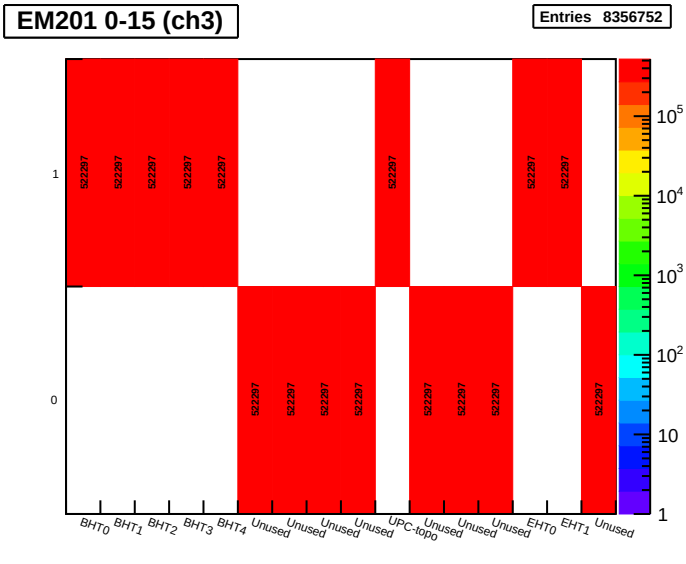

ST201 0-15 (ch6)
Entries 8356752
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
14
522297
522283
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

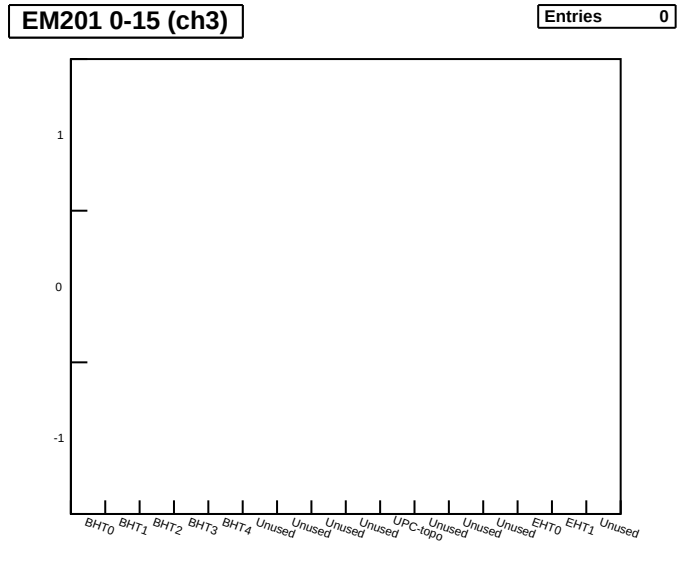

TF201 0-15 (ch0)
Entries 8356752
1
0
522297
516714
473157
453672
331831
433203
435072
428408
522297
522297
522297
522297
522297
5583
49140
68625
190466
522297
89094
87225
93889
522297
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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 8356752
1
0
152703
394972
404872
372114
514766
514053
883
10505
11409
204
469570
505008
260603
358694
370707
368594
127325
117425
150183
7531
8244
521414
511792
510838
522093
522297
52727
17289
261694
163603
151590
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 8356752
1
0
522297
522297
522297
522297
522297
522297
522297
522297
522297
522297
522297
522297
522297
522297
522297
522297
522297
522297
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