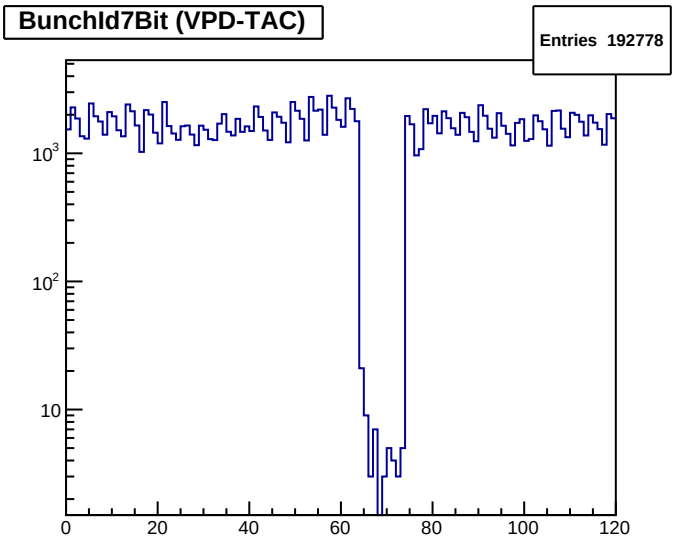
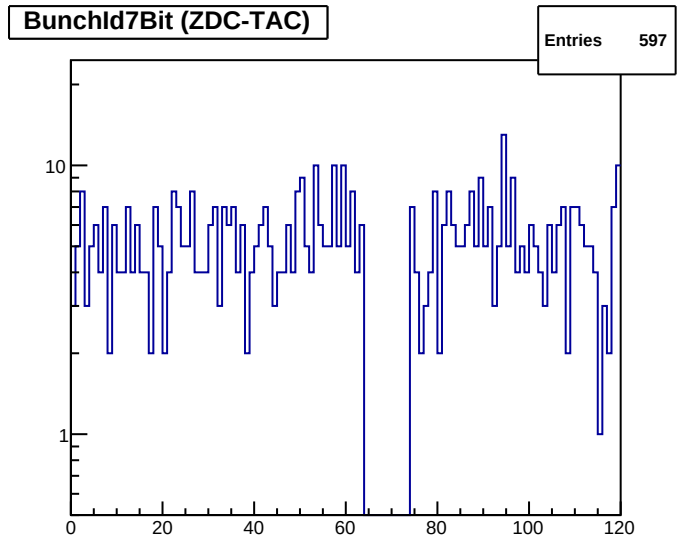
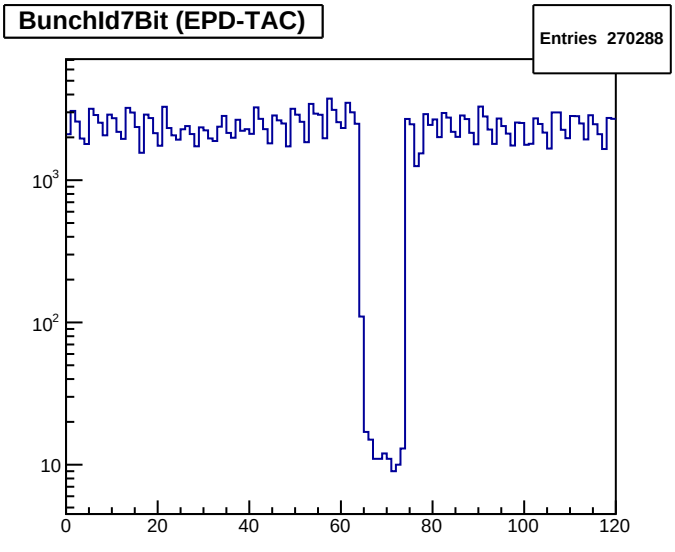
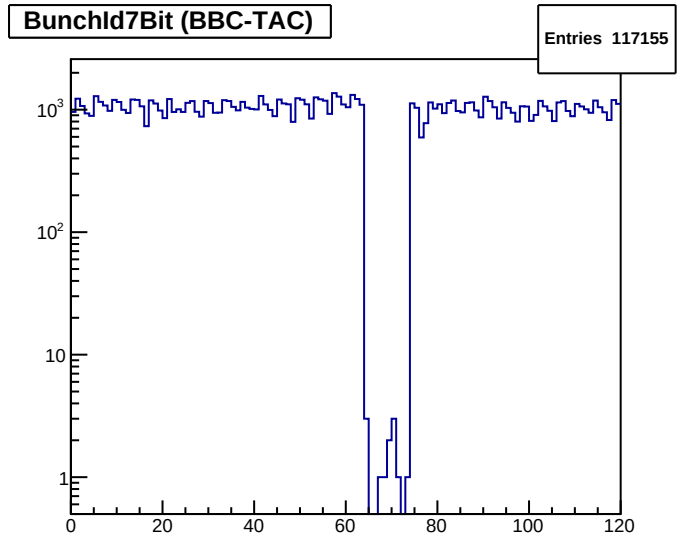
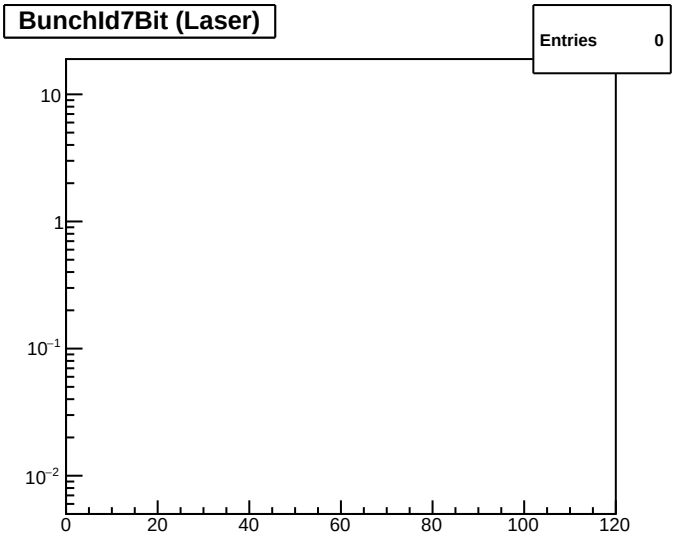
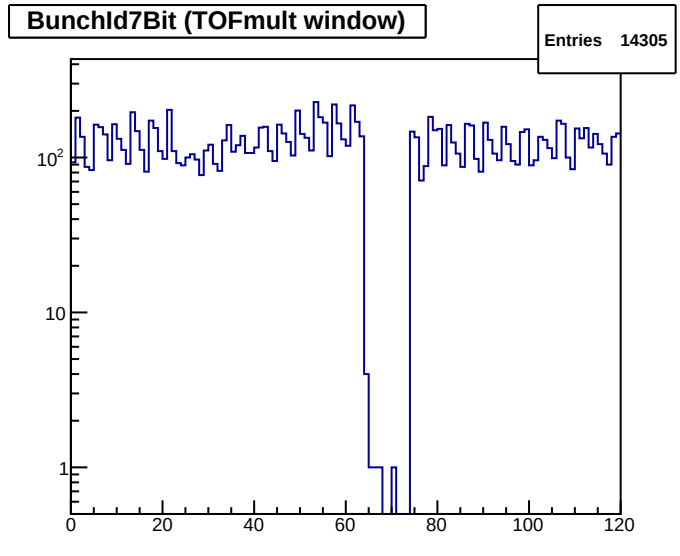

BunchId7Bit (VPD-TAC)
Entries 192778

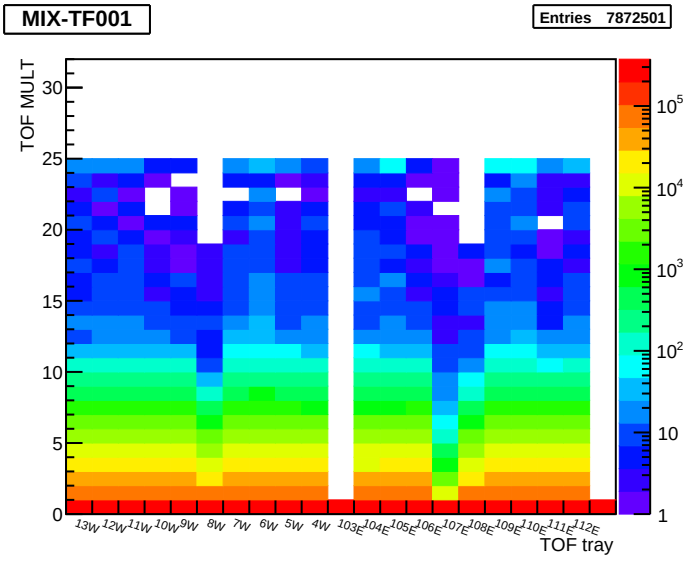

BunchId7Bit (ZDC-TAC)
Entries 597

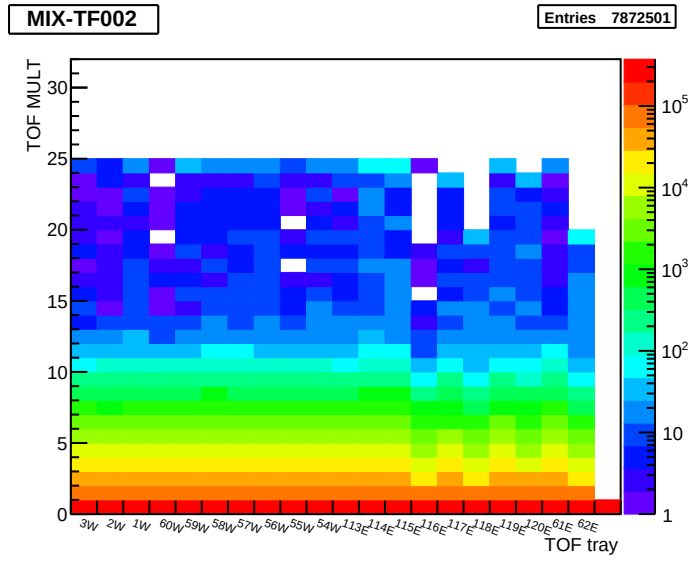

BunchId7Bit (EPD-TAC)
Entries 270288

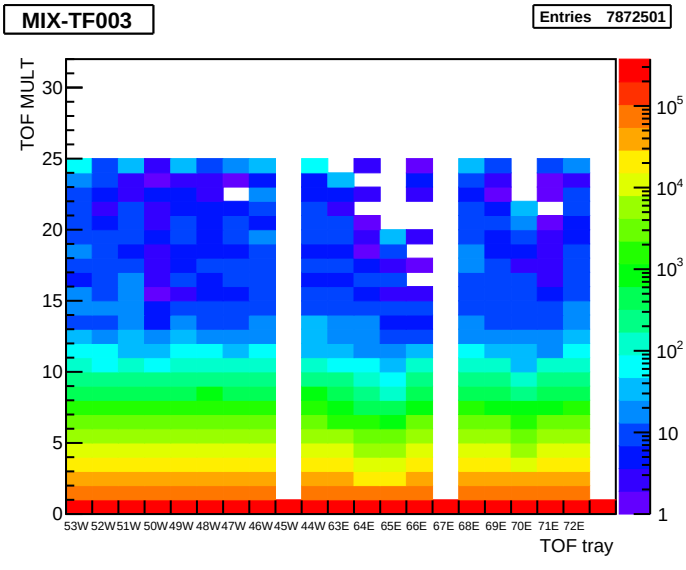

BunchId7Bit (BBC-TAC)
Entries 117155

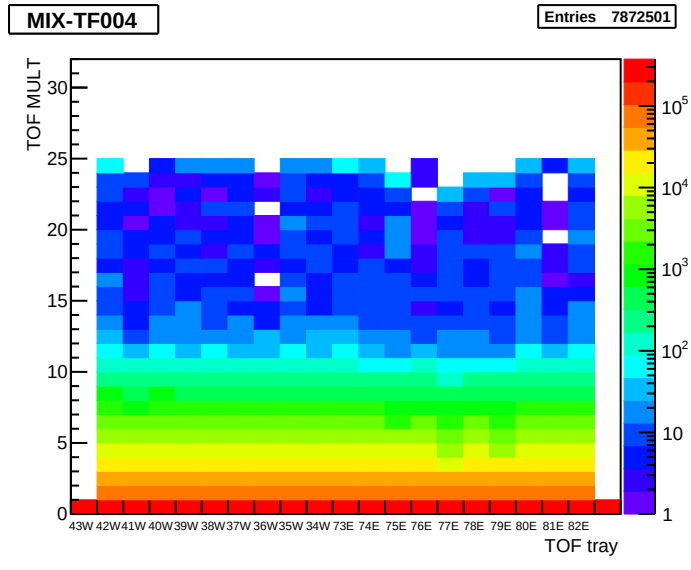

BunchId7Bit (Laser)
Entries 0

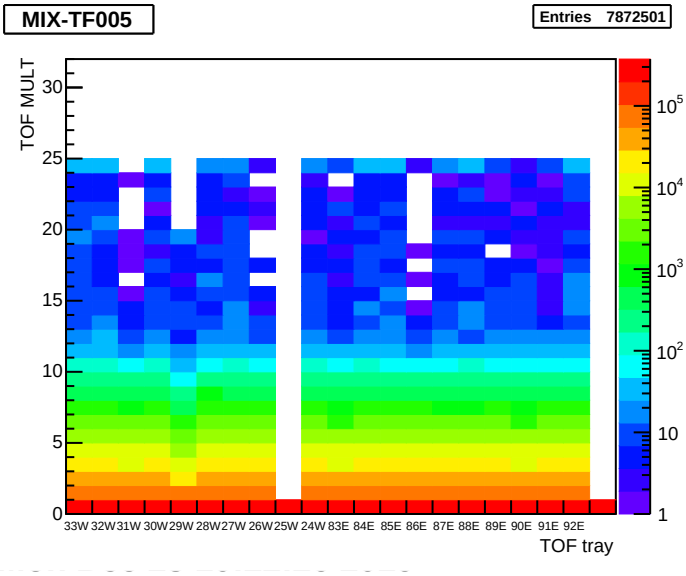

BunchId7Bit (TOFmult window)
Entries 14305

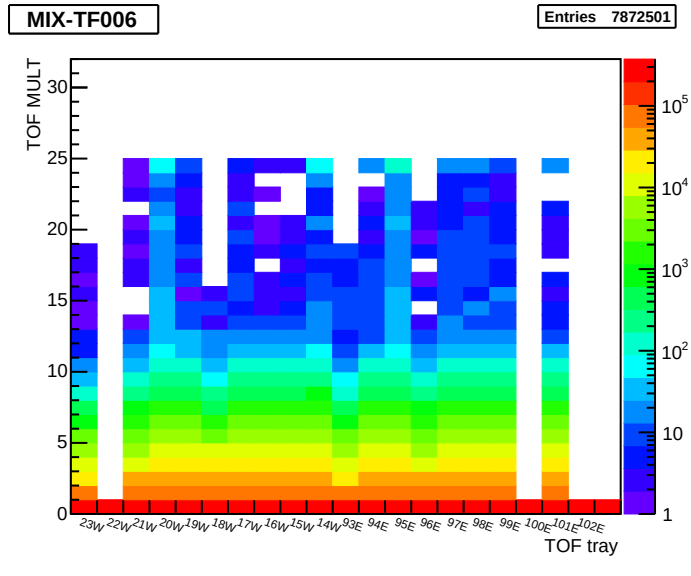

MIX-TF001
Entries 7872501
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

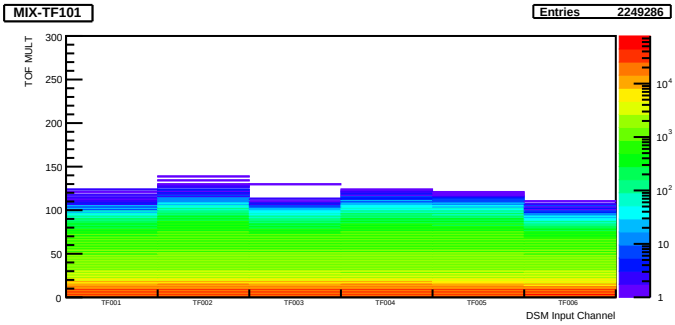

MIX-TF002
Entries 7872501
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

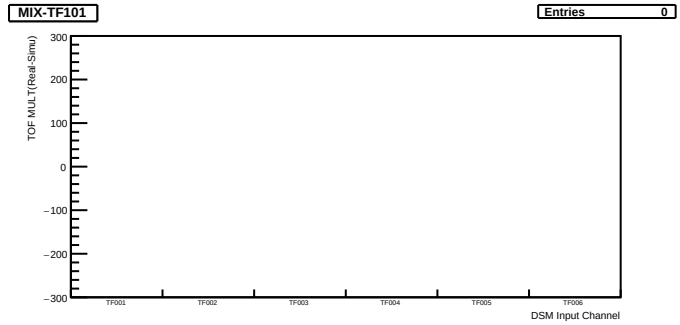

MIX-TF003
Entries 7872501
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

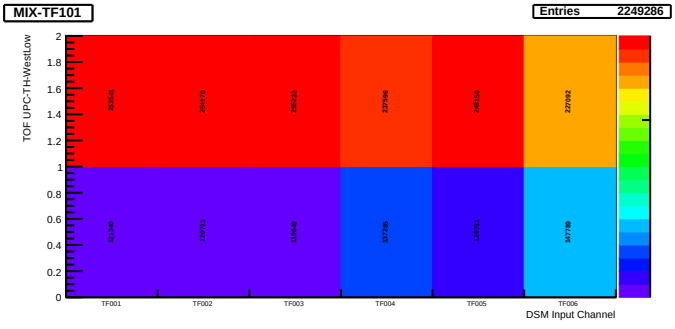

MIX-TF004
Entries 7872501
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

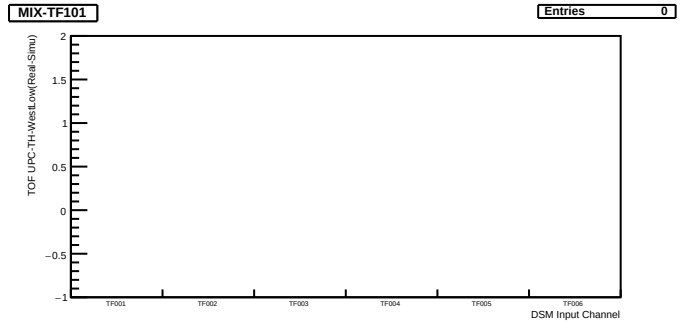

MIX-TF005
Entries 7872501
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

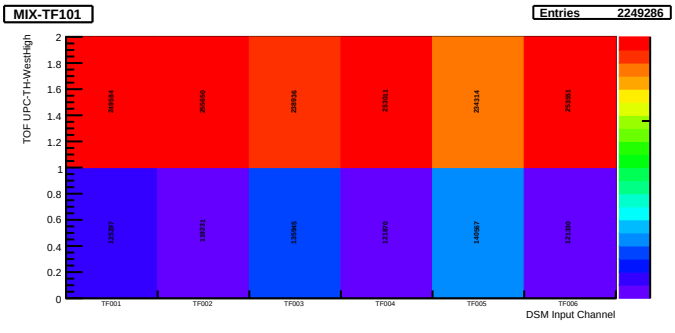

MIX-TF006
Entries 7872501
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

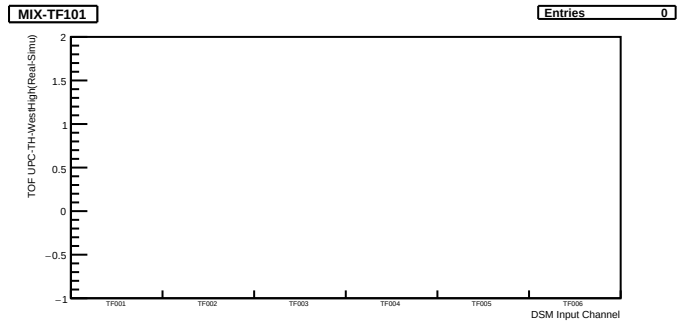

MIX-TF101
Entries 2249286
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

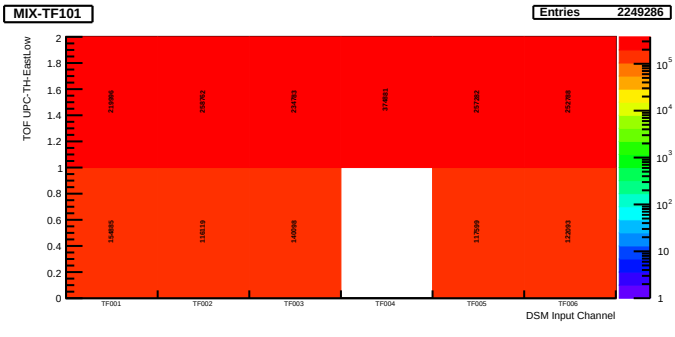

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

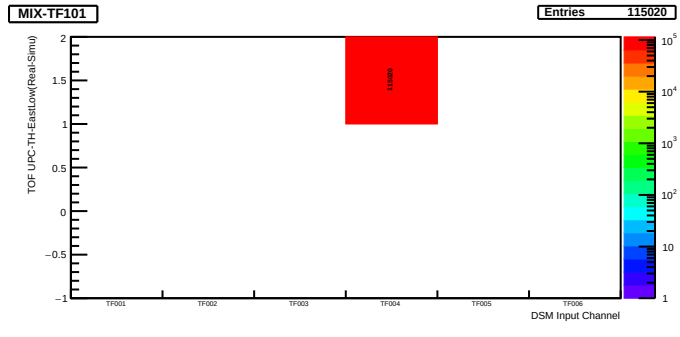

MIX-TF101
Entries 2249286
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

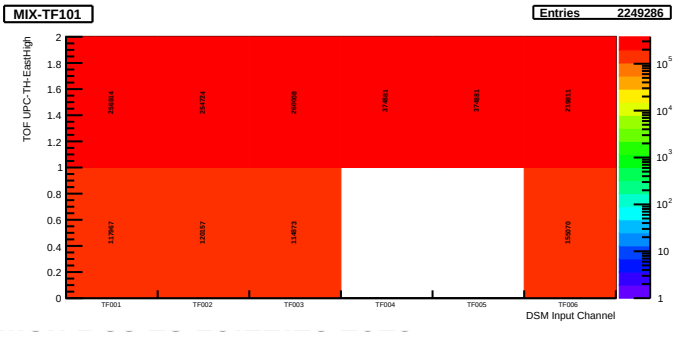

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

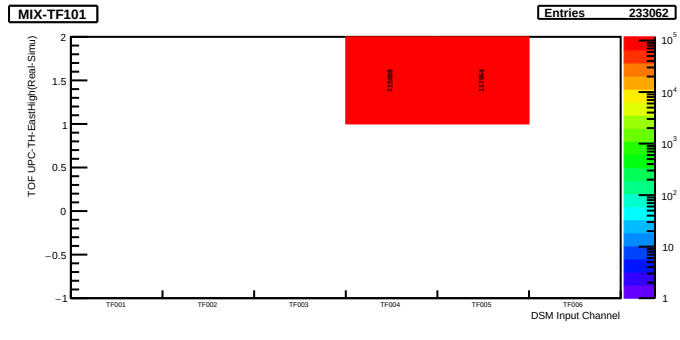

MIX-TF101
Entries 2249286
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

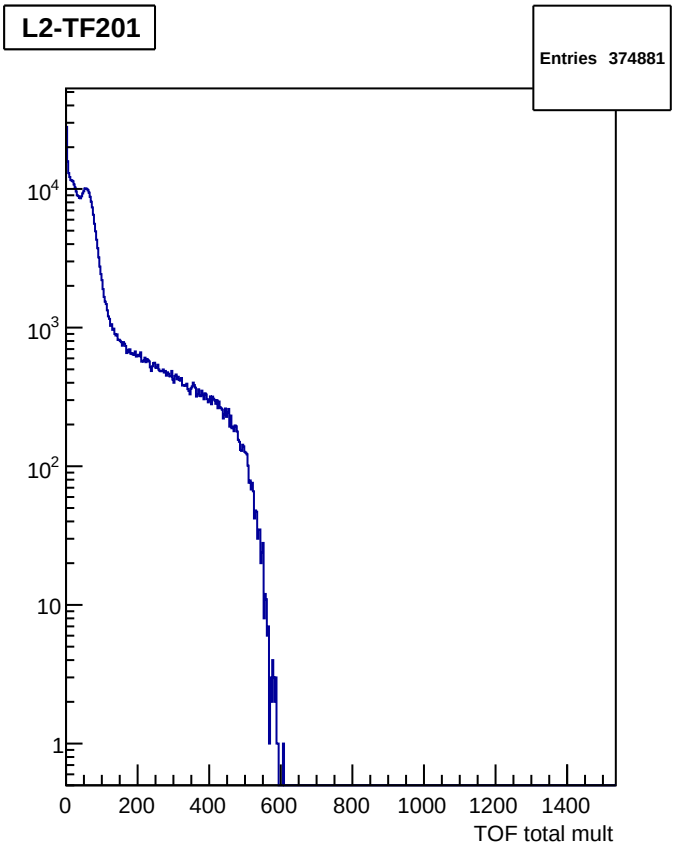

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

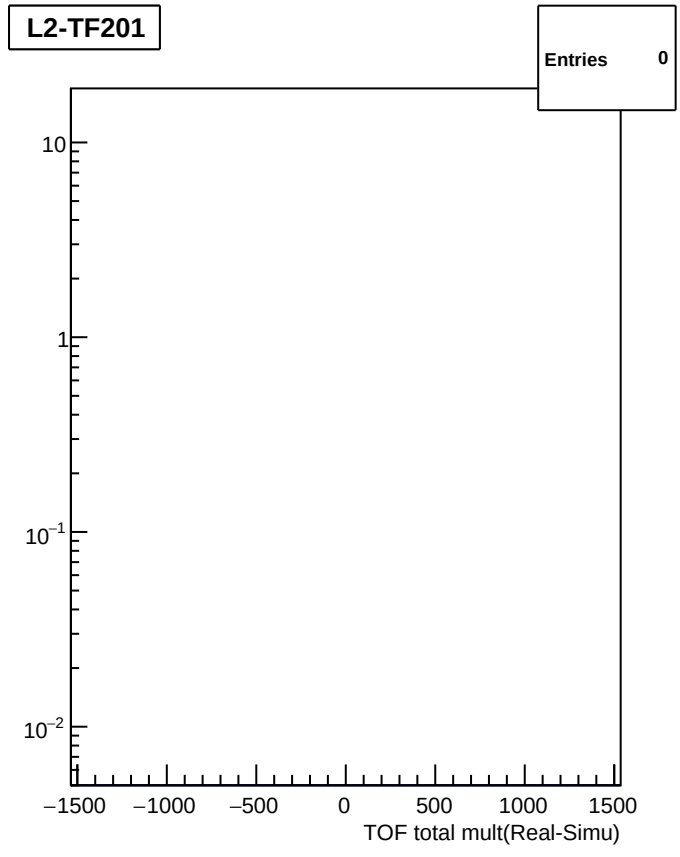

MIX-TF101
Entries 2249286
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

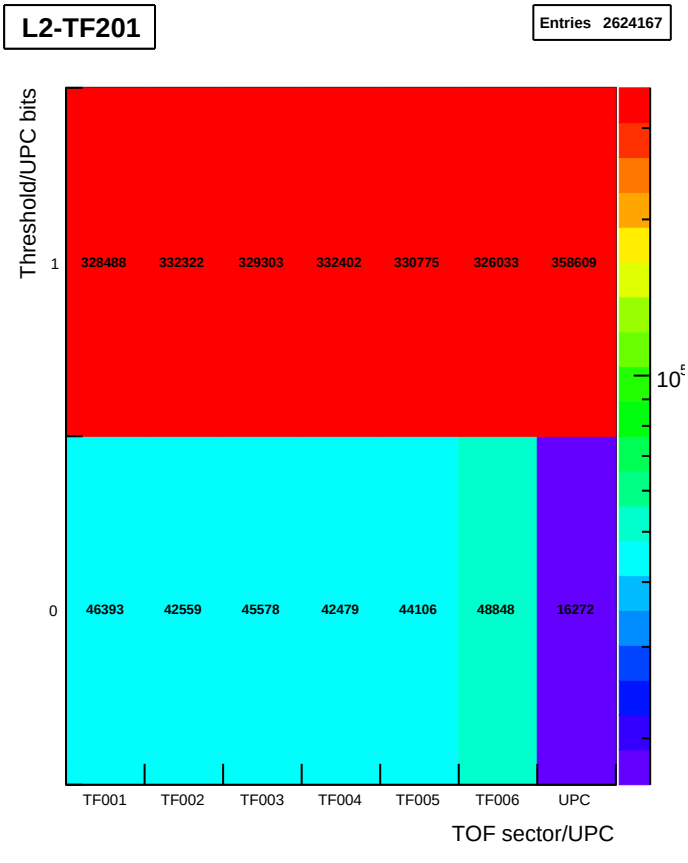

MIX-TF101
Entries 115020
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

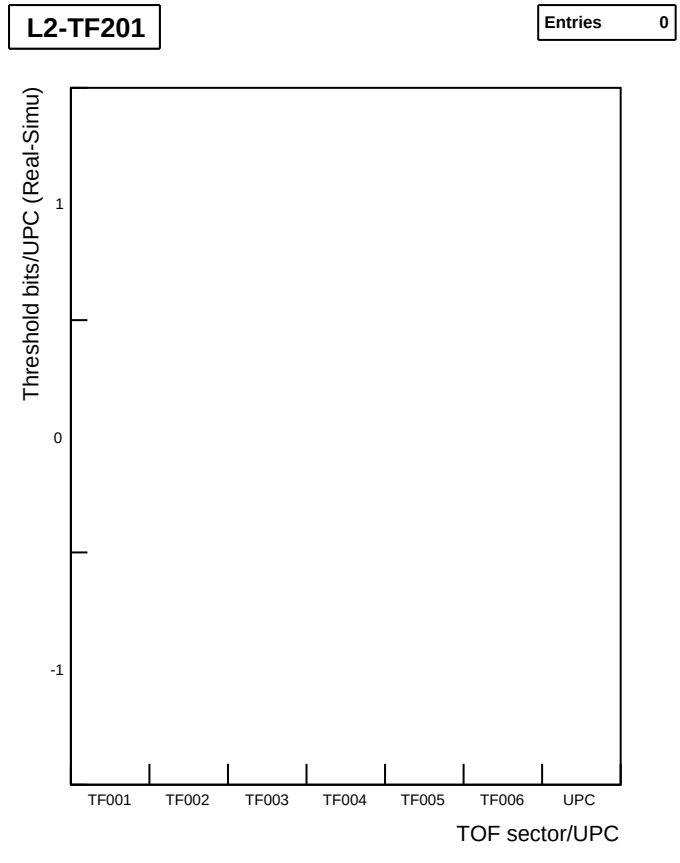

MIX-TF101
Entries 2249286
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

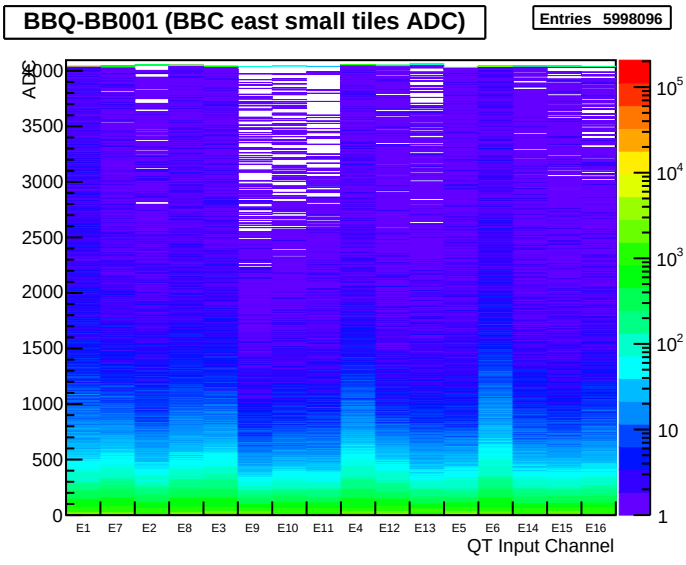

MIX-TF101
Entries 233062
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

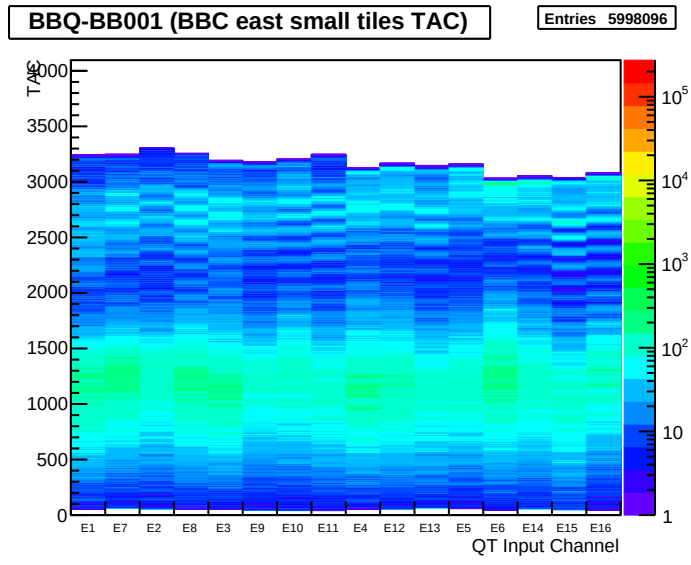

L2-TF201
Entries 374881
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

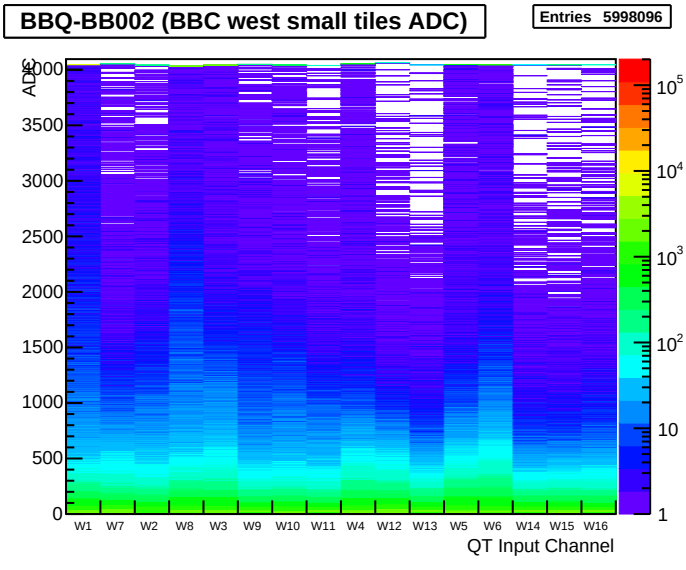

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

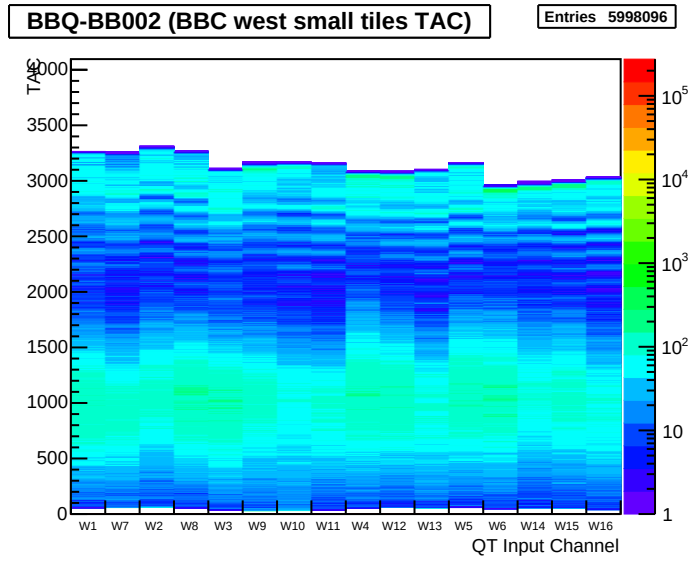

L2-TF201
Entries 2624167
Threshold/UPC bits
1
0
328488
332322
329303
332402
330775
326033
358609
46393
42559
45578
42479
44106
48848
16272
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

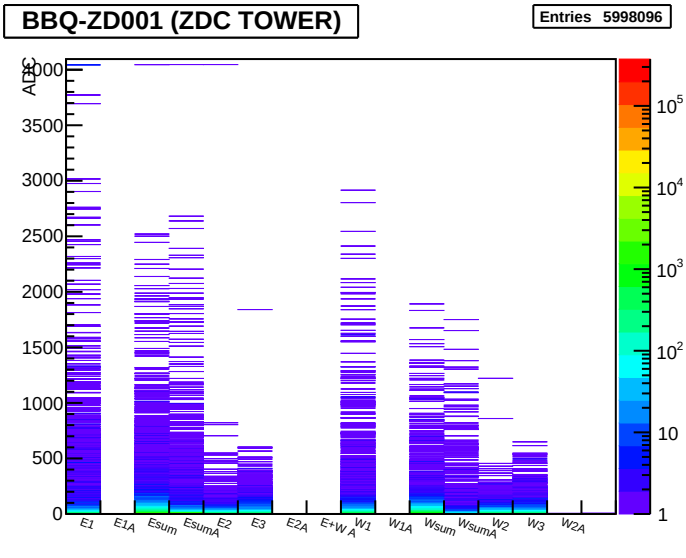

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

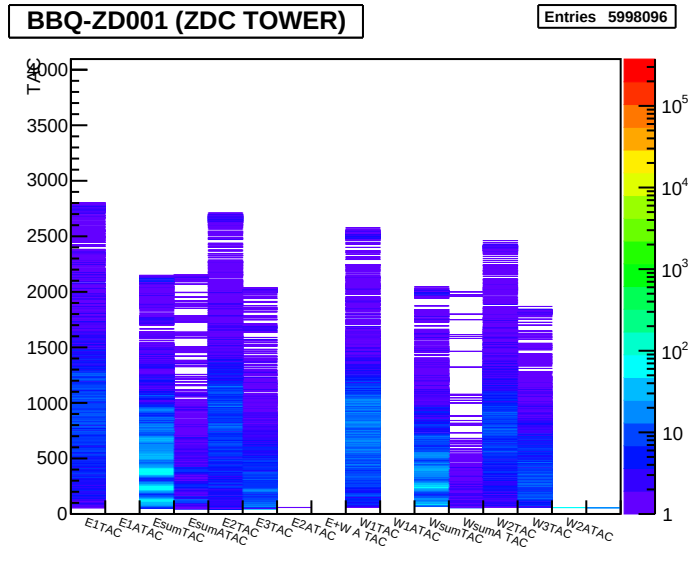

BBQ-BB001 (BBC east small tiles ADC)
Entries 5998096
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

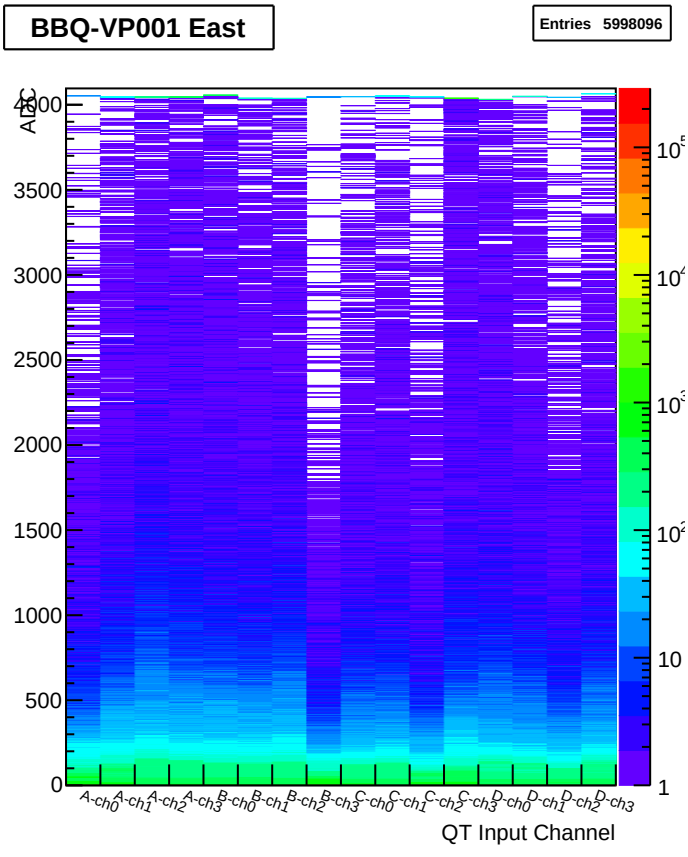

BBQ-BB001 (BBC east small tiles TAC)
Entries 5998096
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

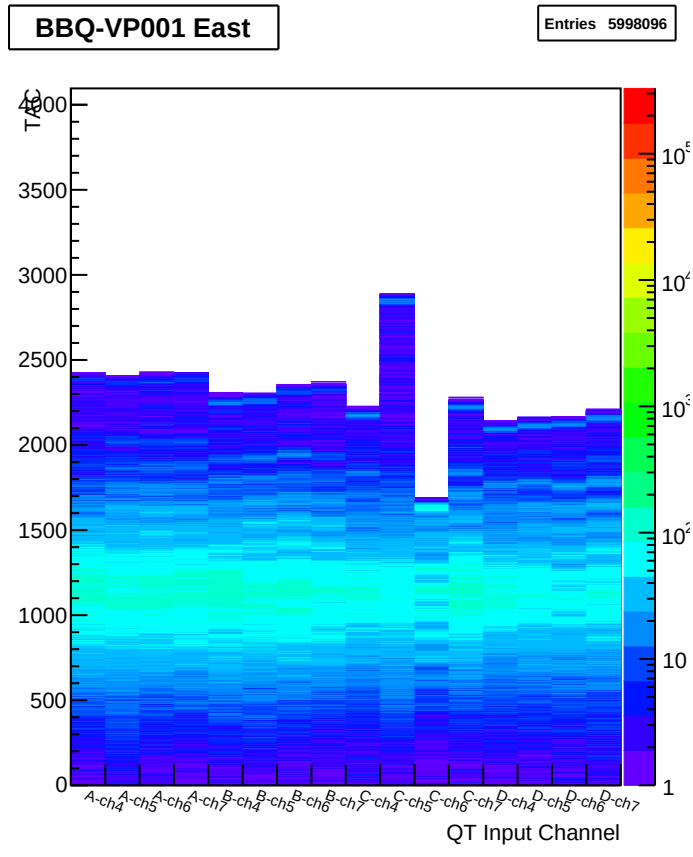

BBQ-BB002 (BBC west small tiles ADC)
Entries 5998096
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

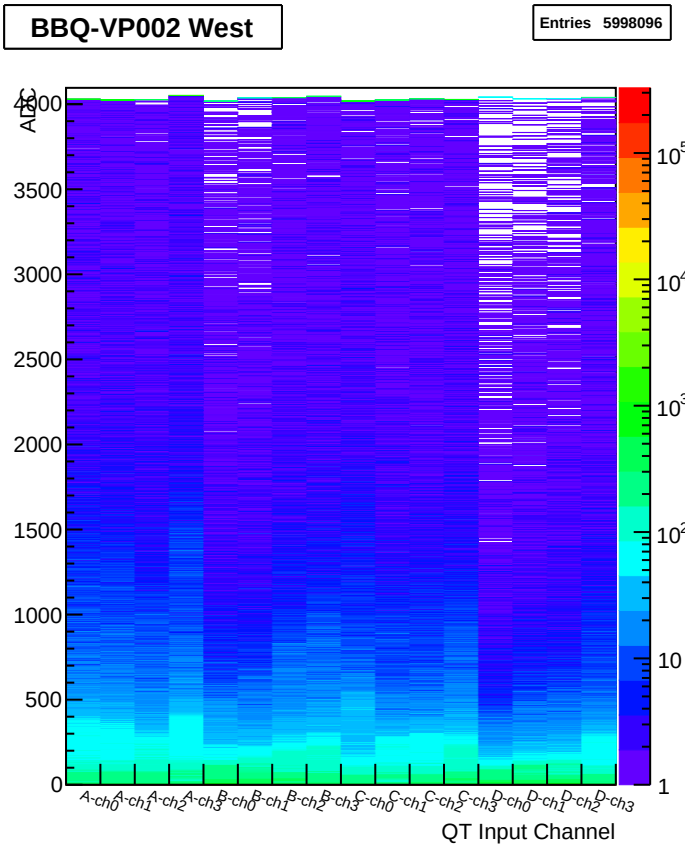

BBQ-BB002 (BBC west small tiles TAC)
Entries 5998096
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

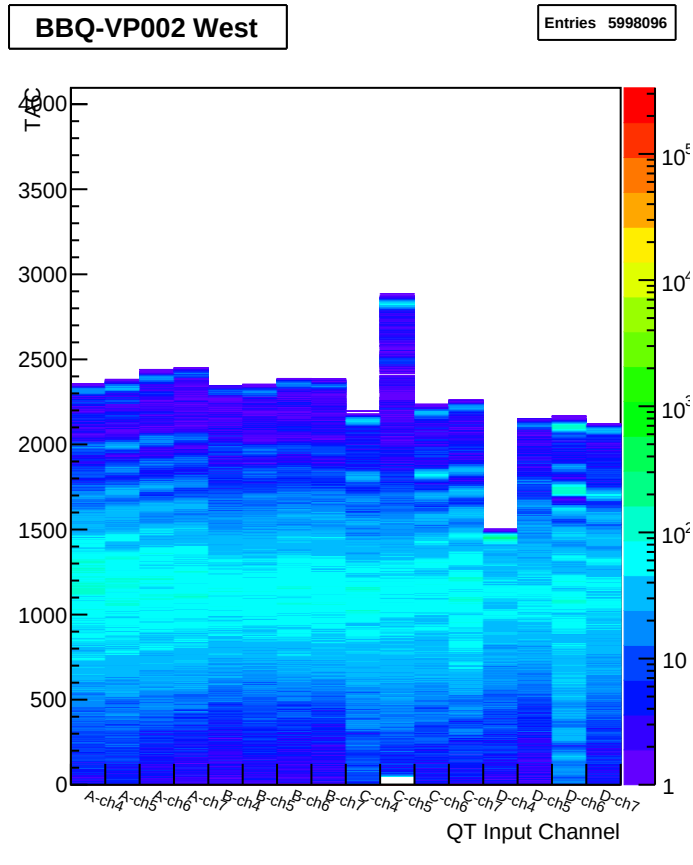

BBQ-ZD001 (ZDC TOWER)
Entries 5998096
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

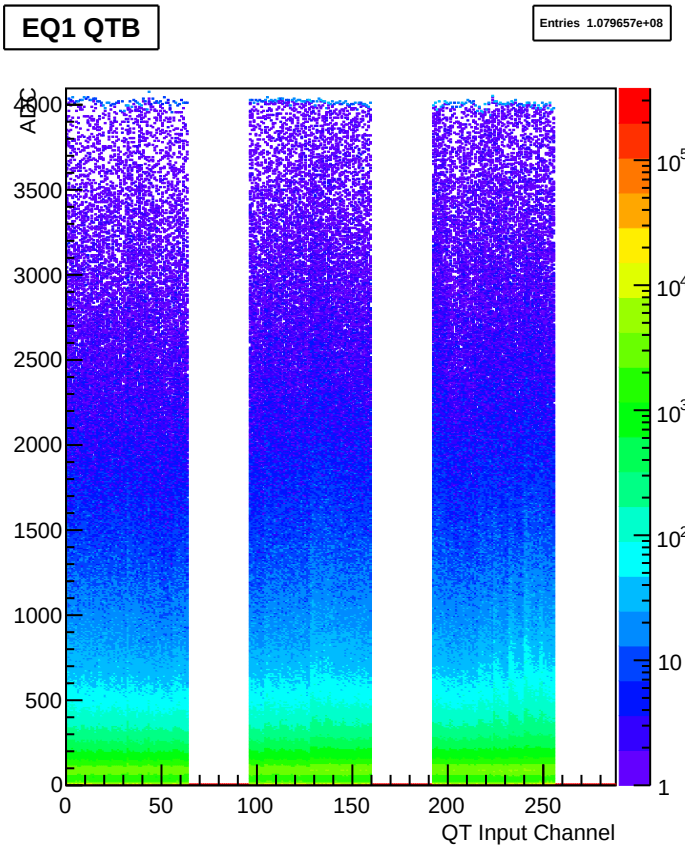

BBQ-ZD001 (ZDC TOWER)
Entries 5998096
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

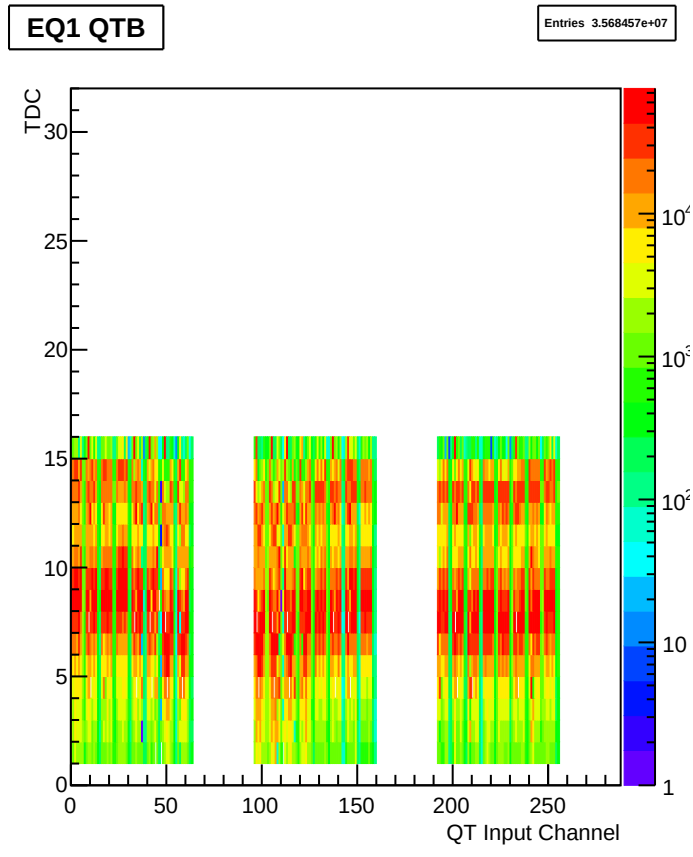

BBQ-VP001 East
Entries 5998096
ADC
QT Input Channel

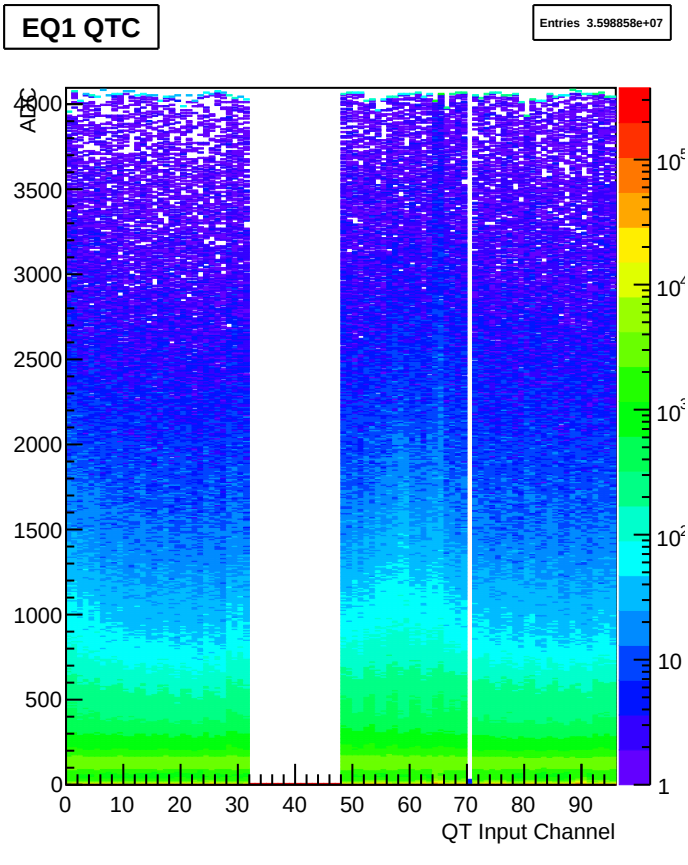

BBQ-VP001 East
Entries 5998096
ADC
QT Input Channel

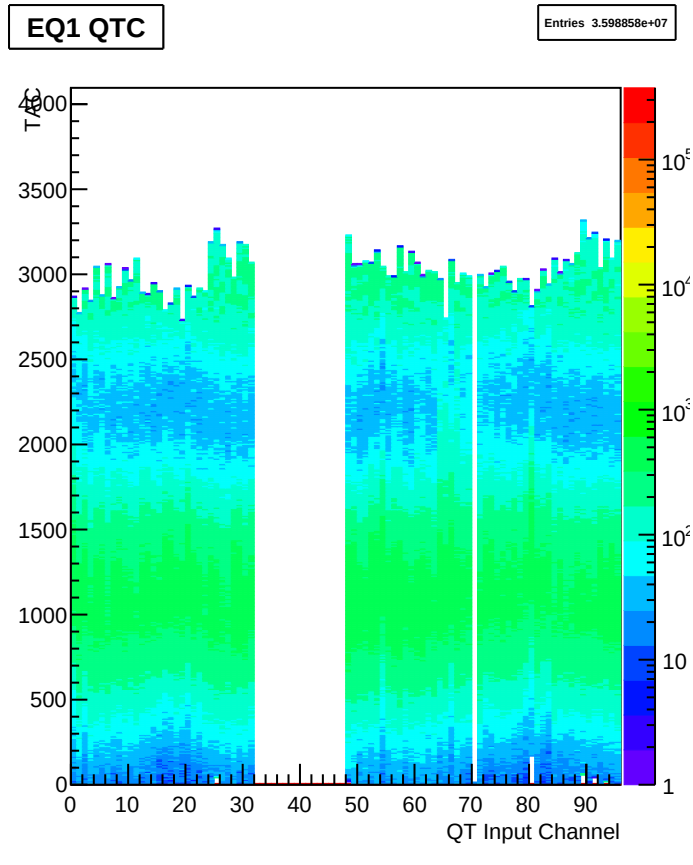

BBQ-VP002 West
Entries 5998096
ADC
QT Input Channel

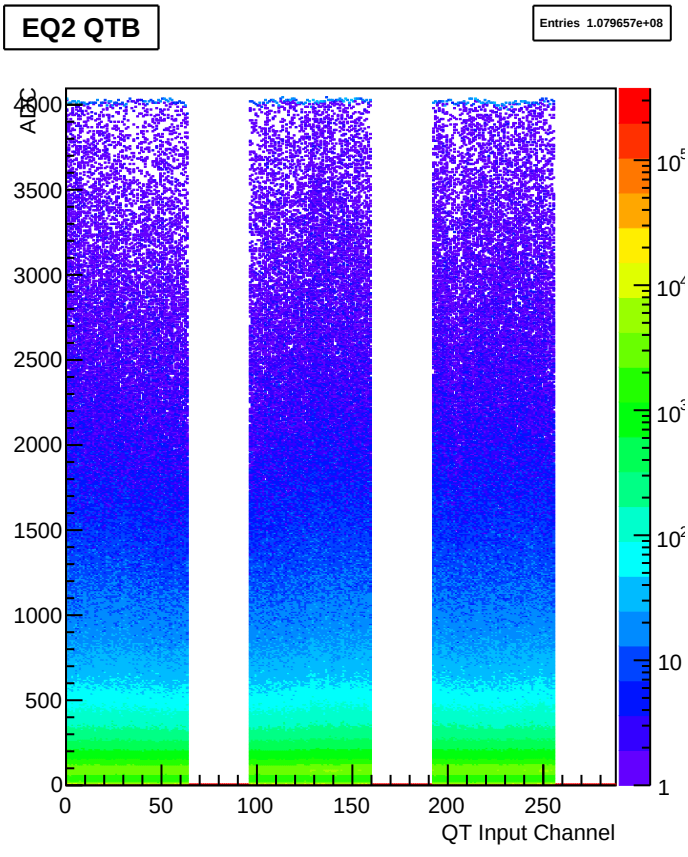

BBQ-VP002 West
Entries 5998096
ADC
QT Input Channel

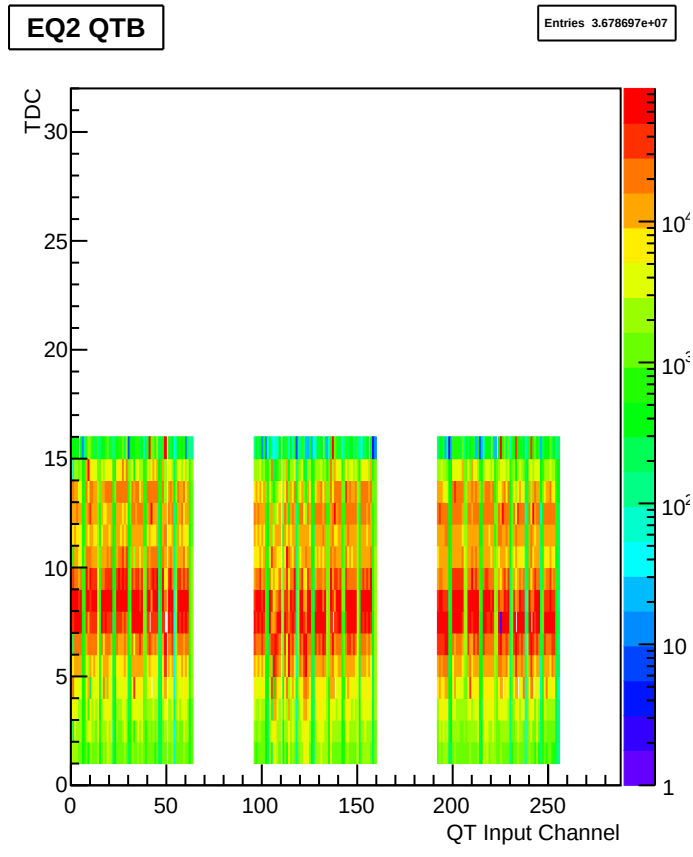

EQ1 QTB
Entries 1.079657e+08
ADC
QT Input Channel

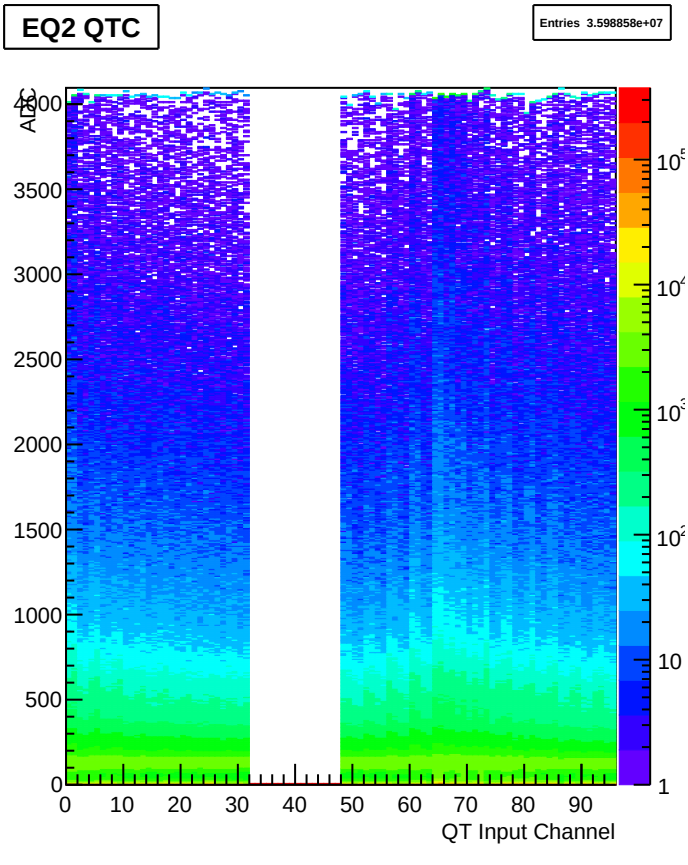

EQ1 QTB
Entries 3.568457e+07
TDC
QT Input Channel

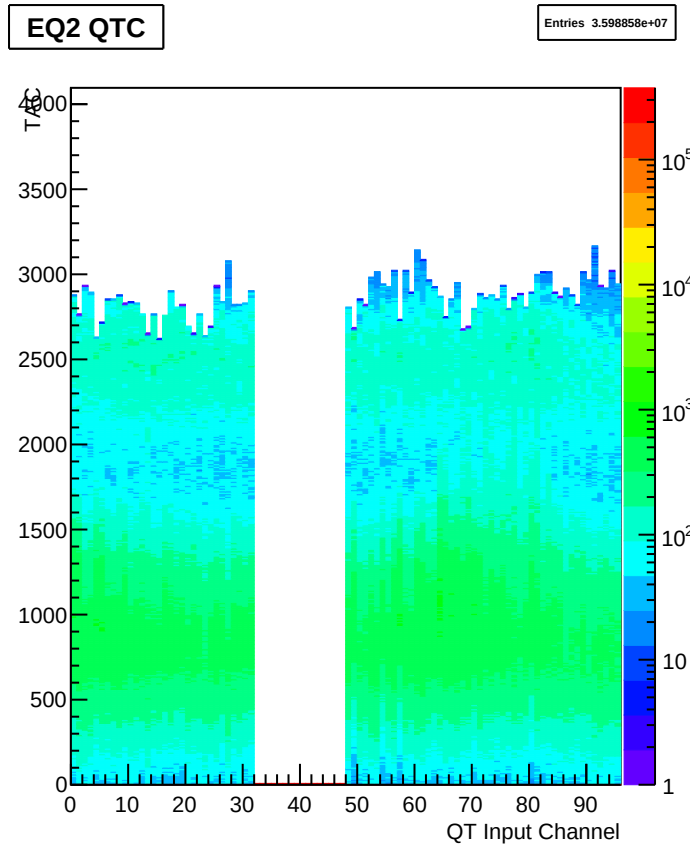

EQ1 QTC
Entries 3.598858e+07
ADC
QT Input Channel

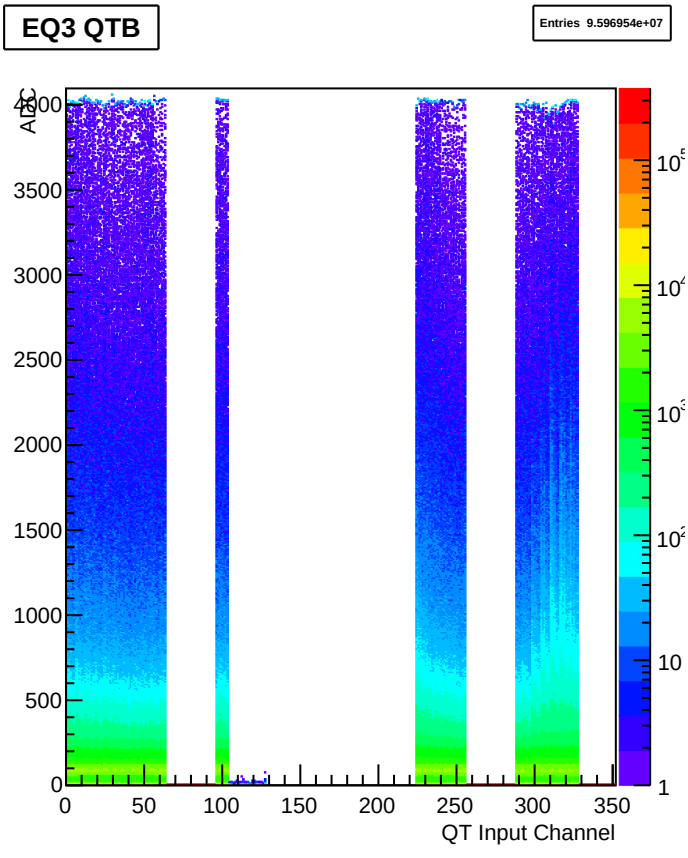

EQ1 QTC
Entries 3.598858e+07
TADC
QT Input Channel

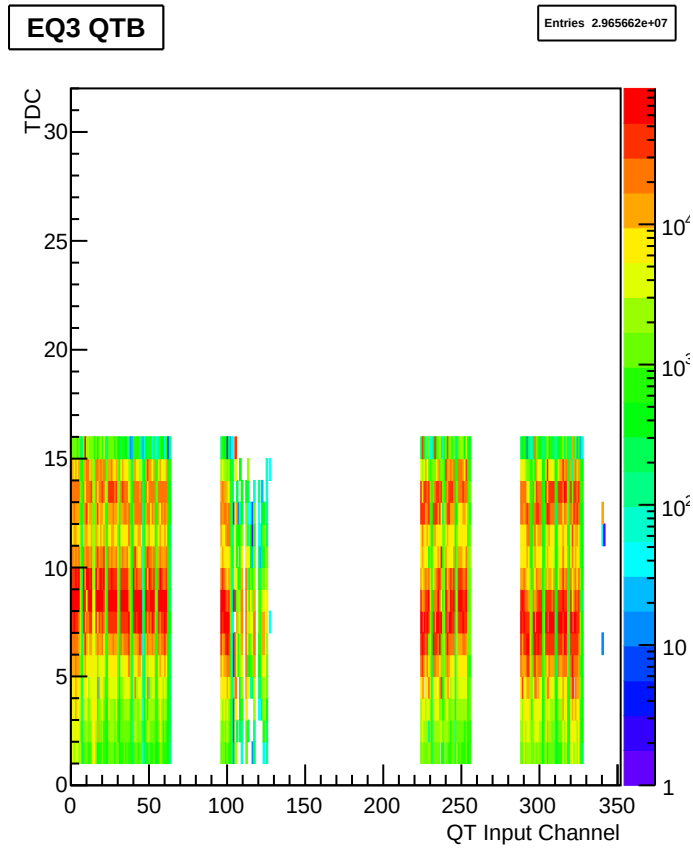

EQ2 QTB
Entries 1.079657e+08
ADC
QT Input Channel

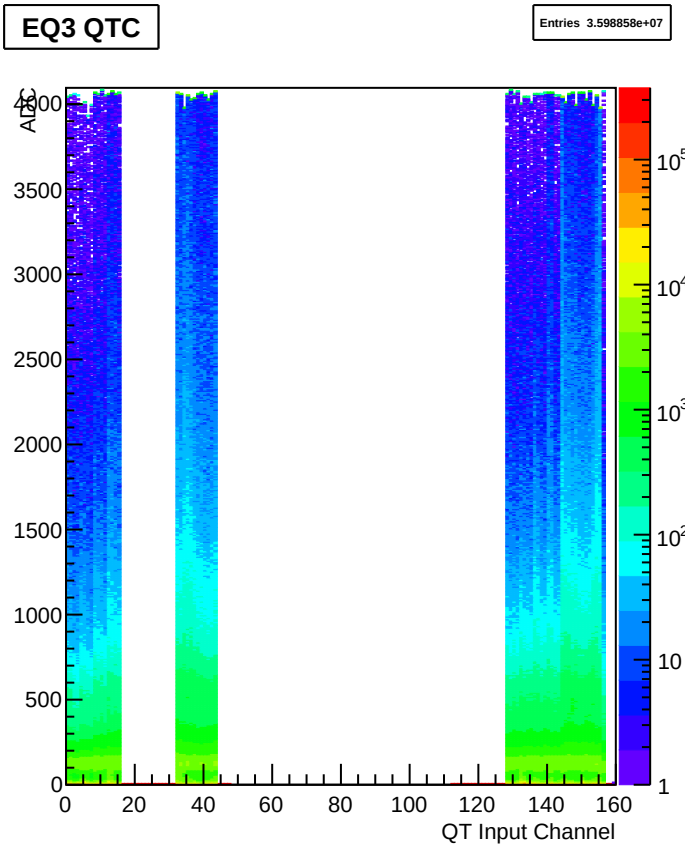

EQ2 QTB
Entries 3.678697e+07
TDC
QT Input Channel

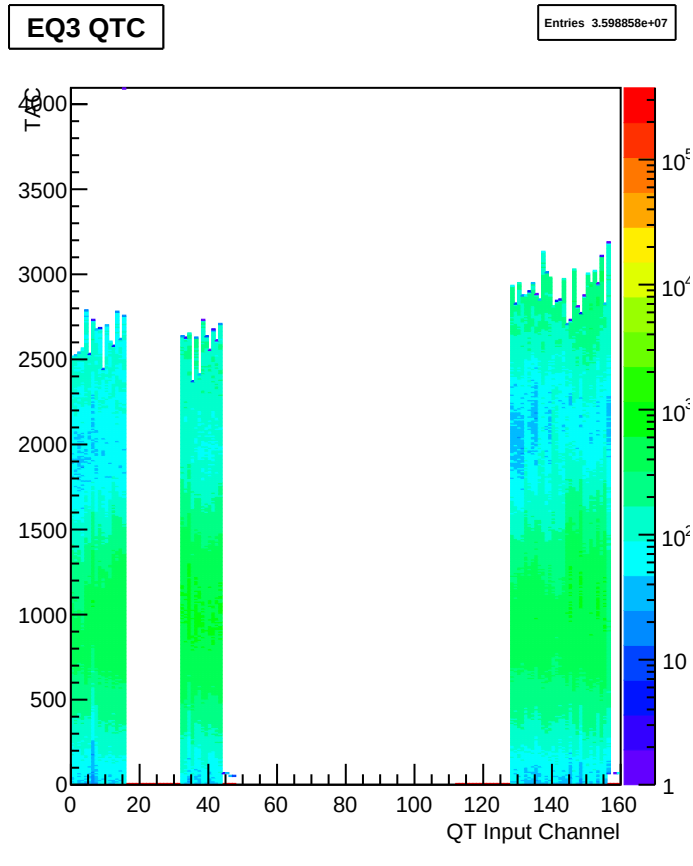

EQ2 QTC
Entries 3.598858e+07
ADC
QT Input Channel


EQ2 QTC
Entries 3.598858e+07
TADC
QT Input Channel


EQ3 QTB
Entries 9.596954e+07
ADC
QT Input Channel


EQ3 QTB
Entries 2.965662e+07
TDC
QT Input Channel


EQ3 QTC
Entries 3.598858e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.598858e+07
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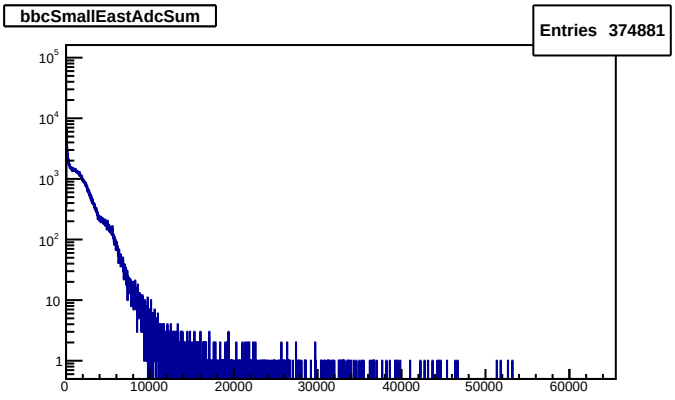
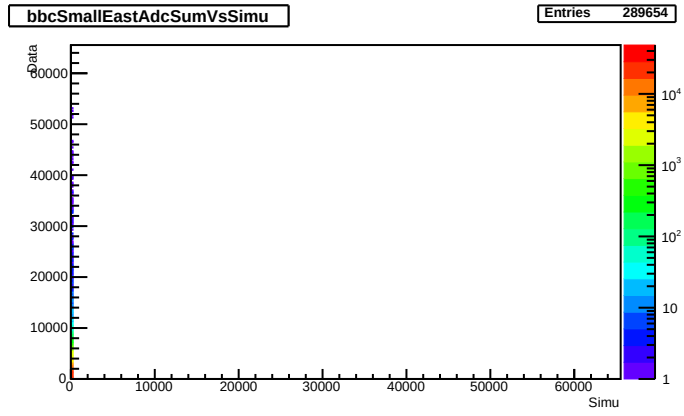
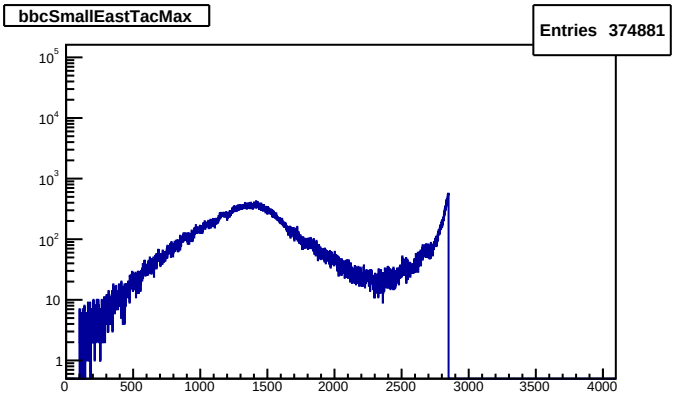
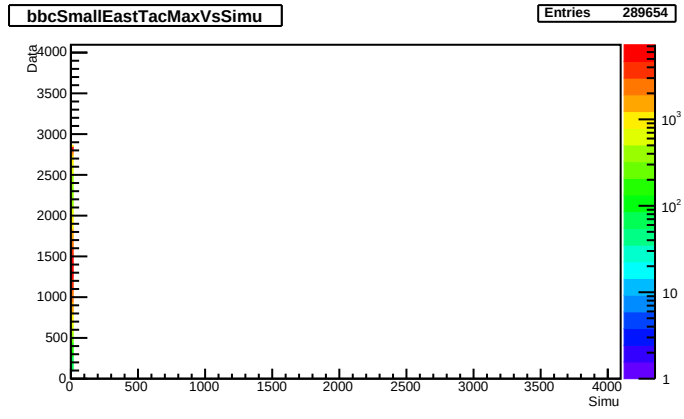
QT Input Channel


bbcSmallEastAdcSum
Entries 374881


bbcSmallEastAdcSumVsSimu
Entries 289654
Data
Simu


bbcSmallEastTacMax
Entries 374881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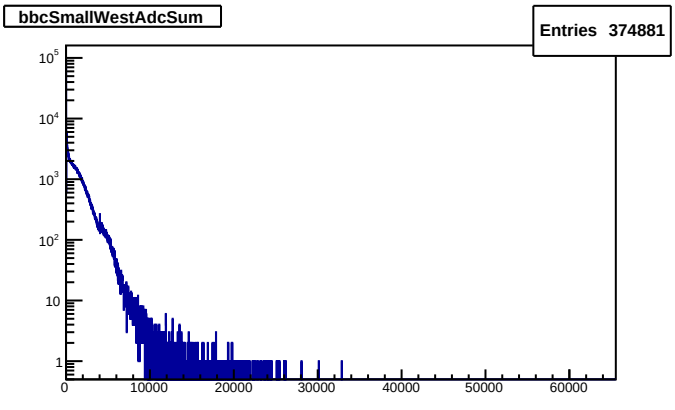
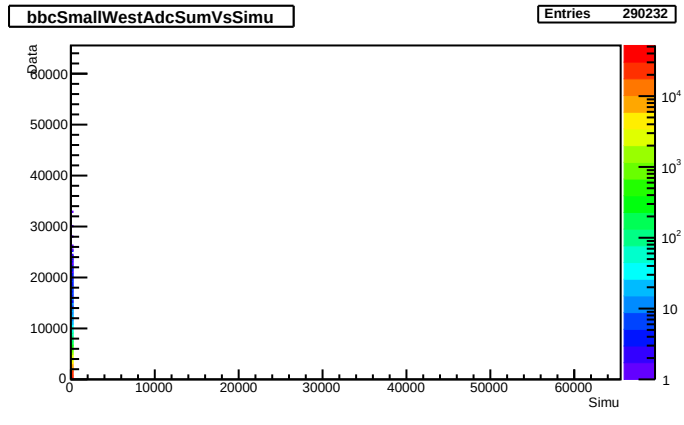
Entries 289654
Data
Simu


bbcSmallWestAdcSum
Entries 374881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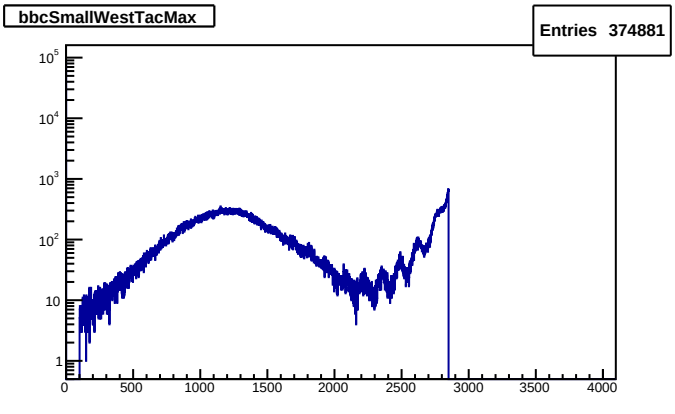
Entries 290232
Data
Simu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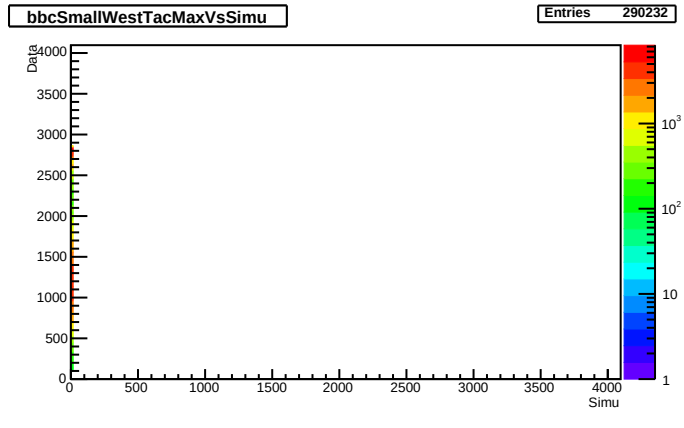
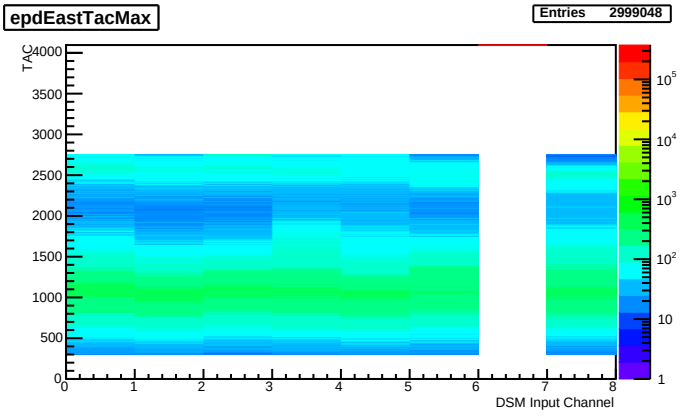
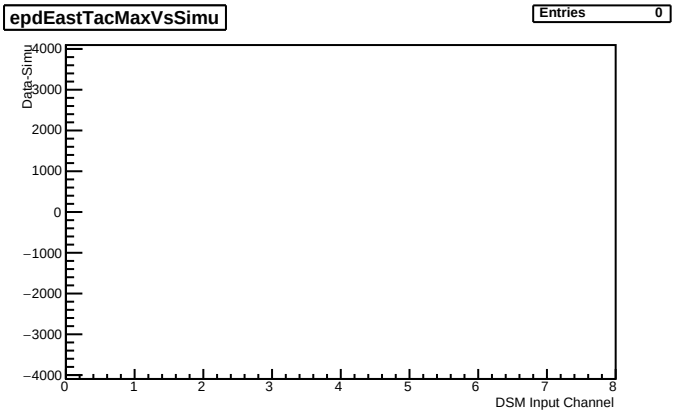
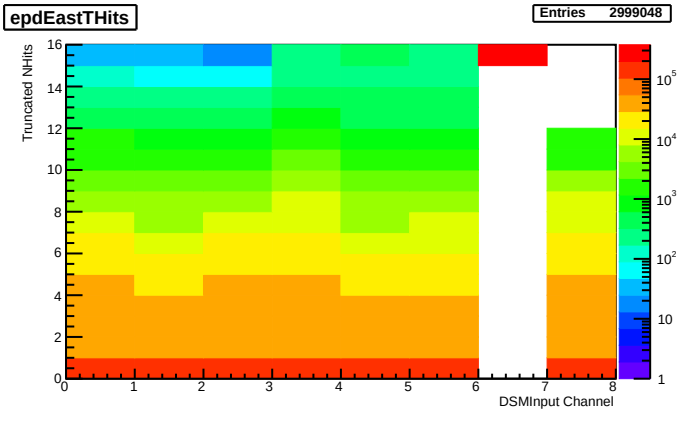
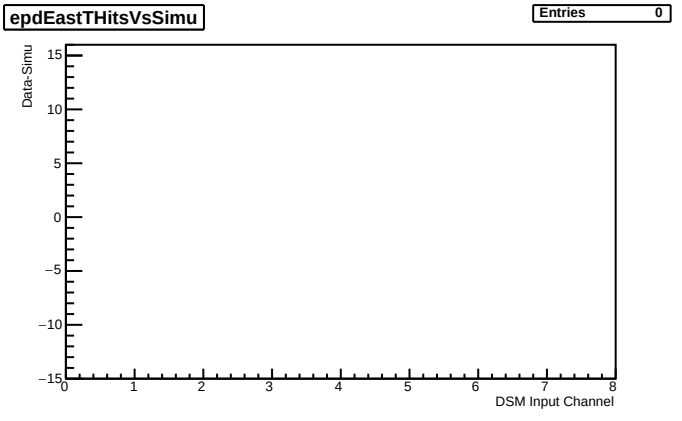
Entries 374881


bbcSmallWestTacMaxVsSimu
Entries 290232
Data
Simu


epdEastTacMax
Entries 2999048
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2999048
Truncated NHits
DSMInput Channel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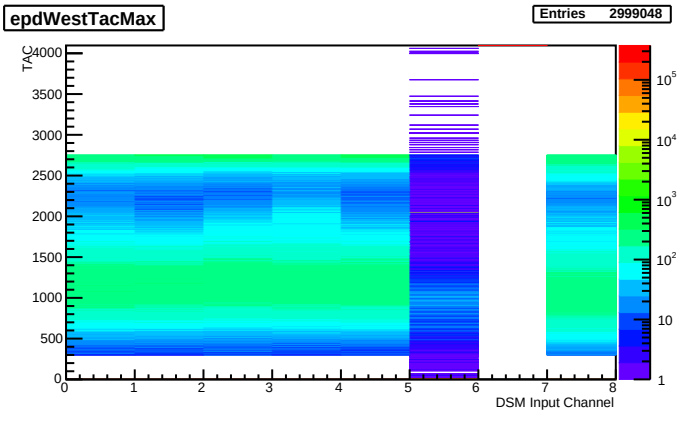
DSM Input Channel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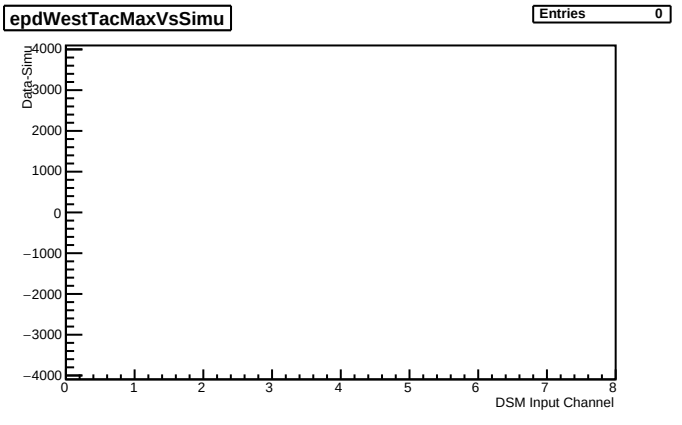
DSM Input Channel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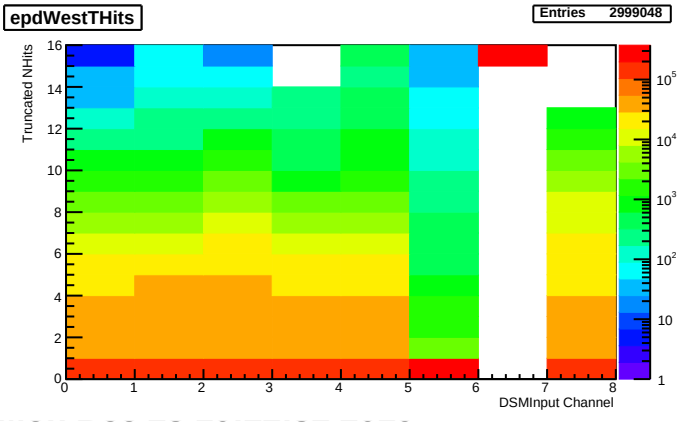
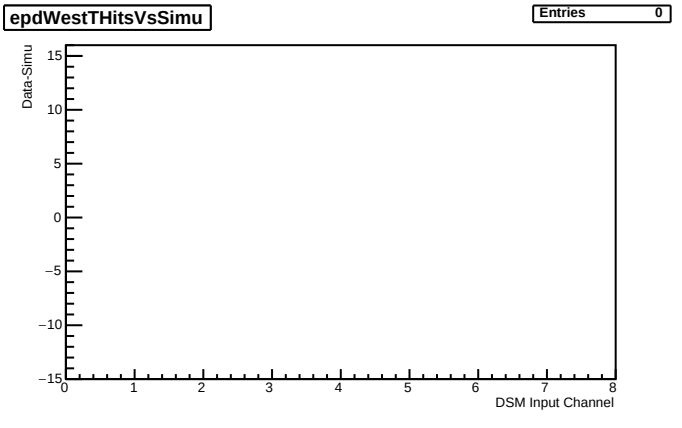
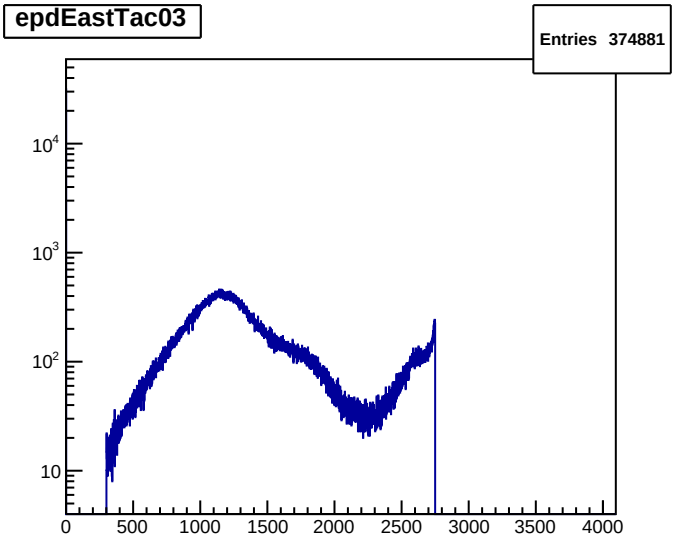
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2999048
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel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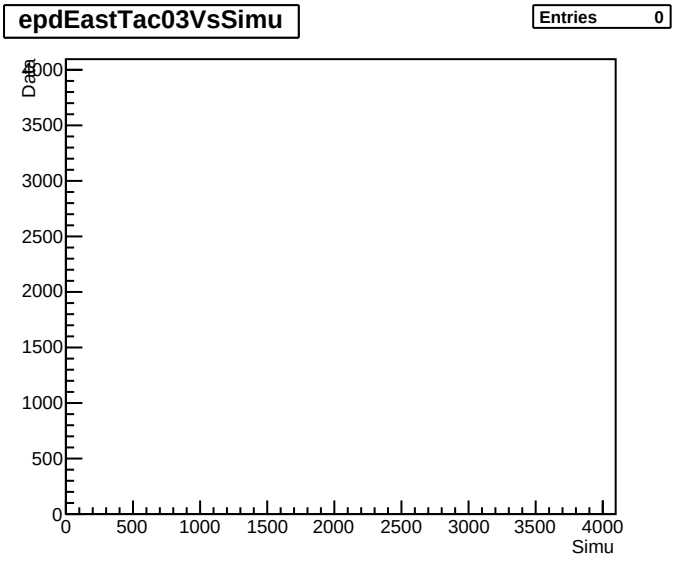
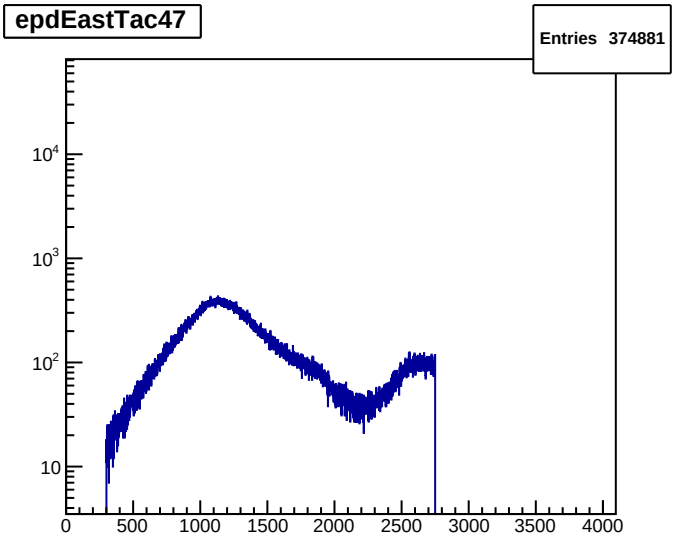
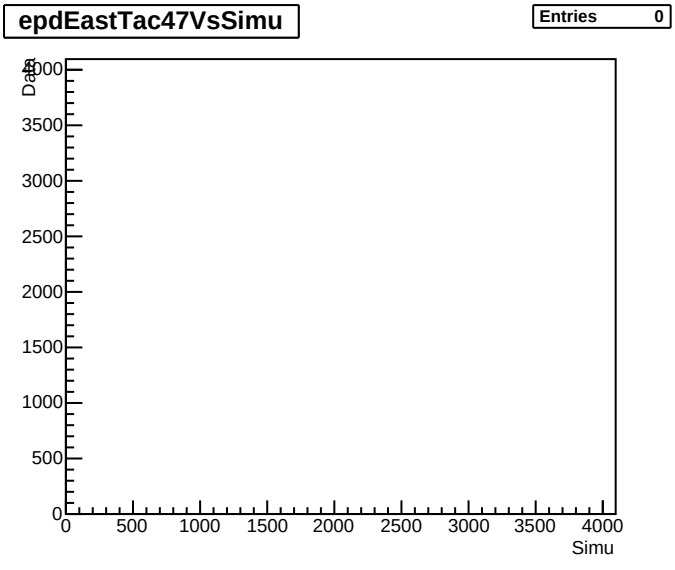
Entries 374881
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac03VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastTac47
Entries 374881
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000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Entries 0
Data
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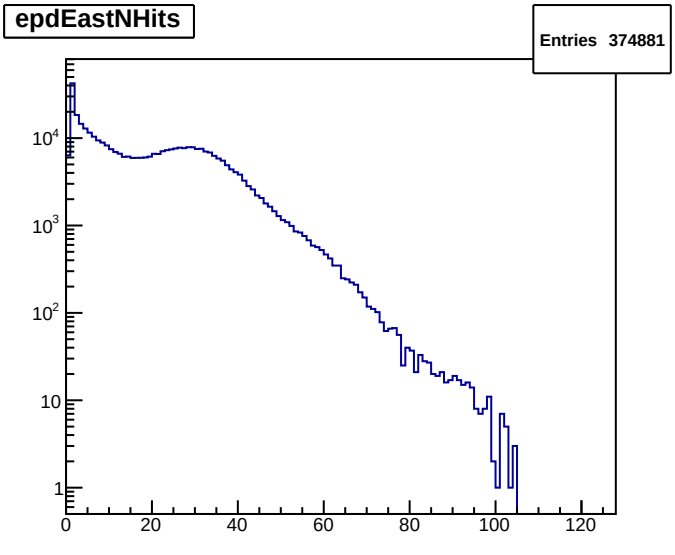
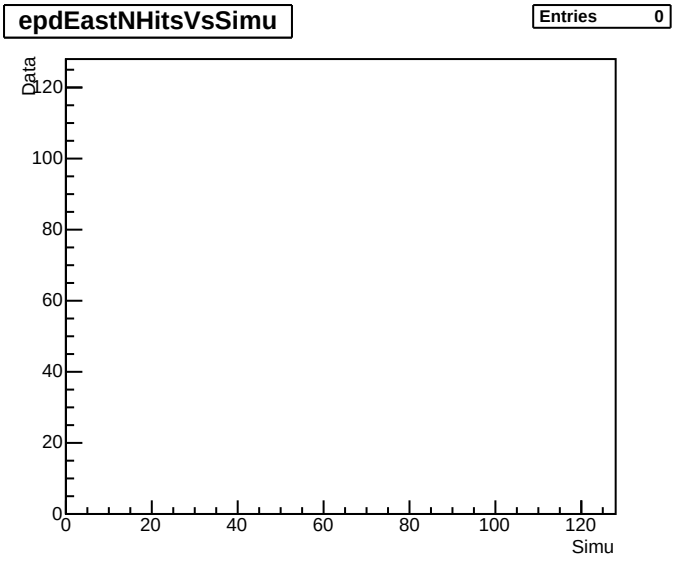
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastNHits
Entries 374881
10^4
10^3
10^2
10
1
0 20 40 60 80 100 120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Entries 0
Data
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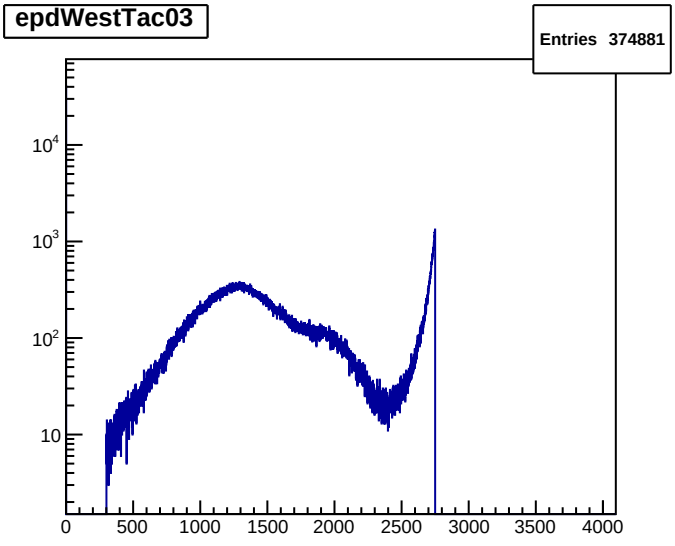
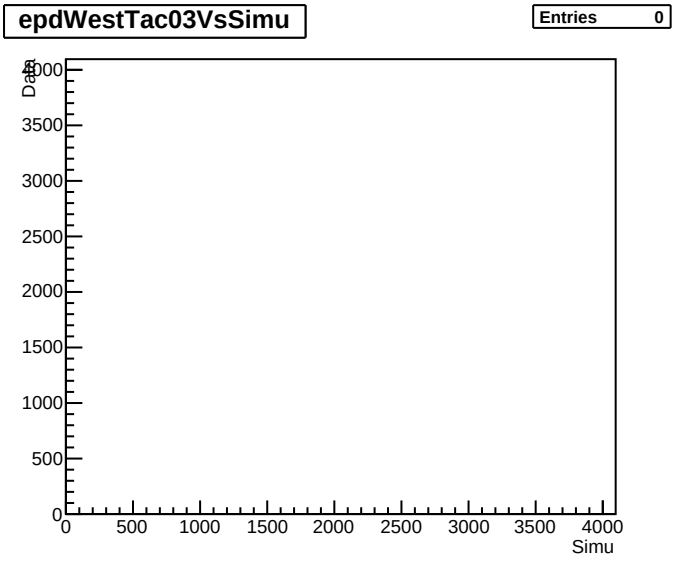
0 20 40 60 80 100 120
Simu


epdWestTac03
Entries 374881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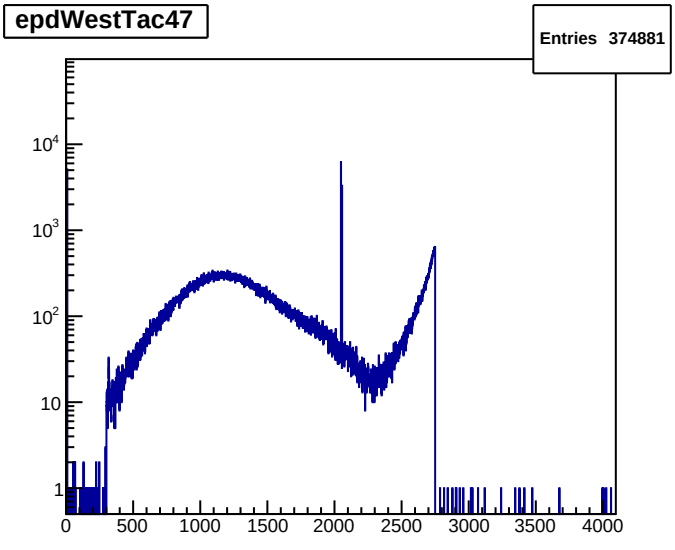
Entries 0
Data
Simu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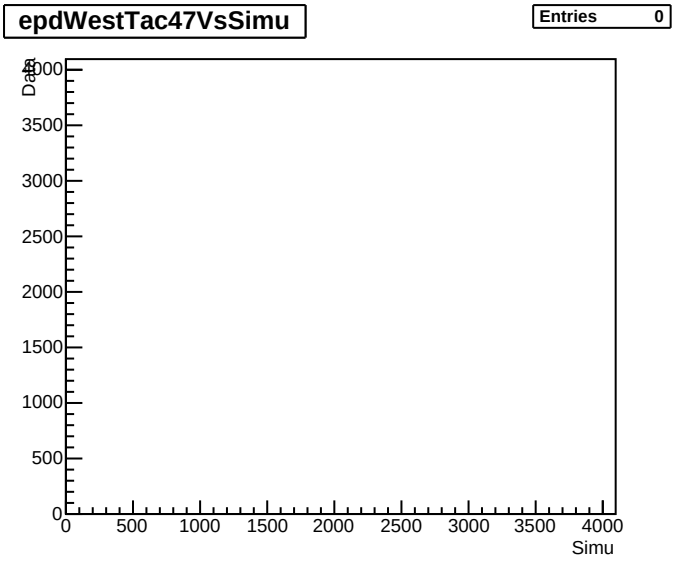
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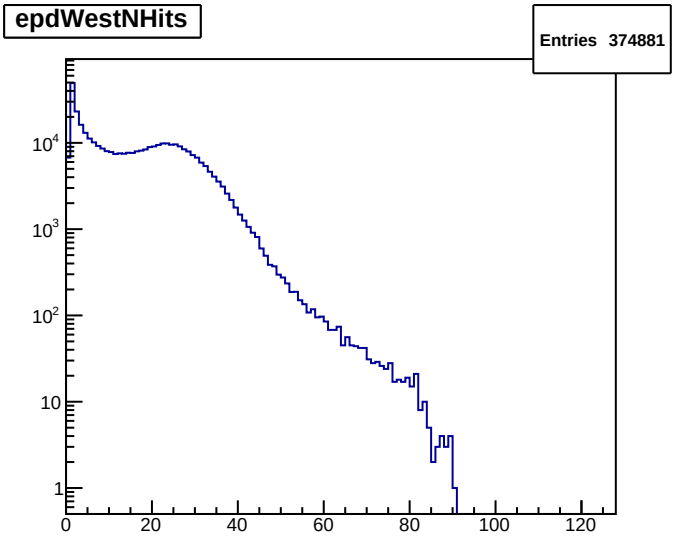
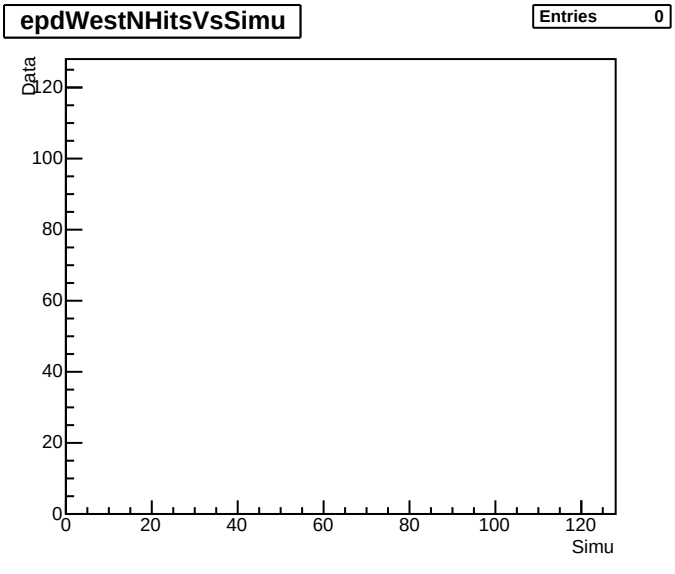
Entries 0
Data
Simu


epdWestNHits
Entries 374881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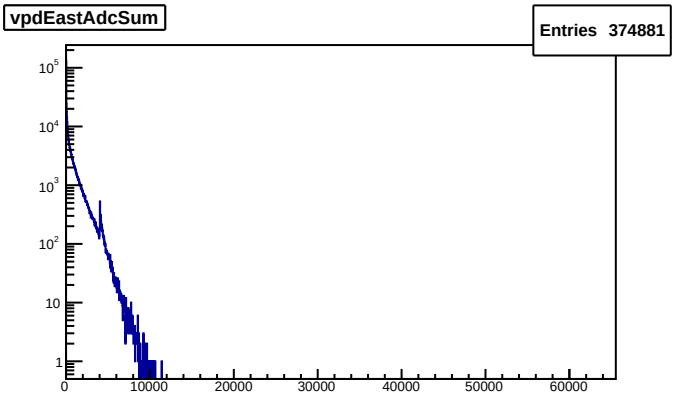
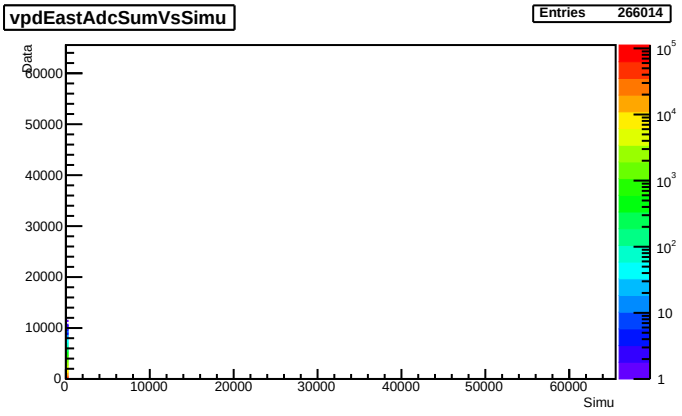
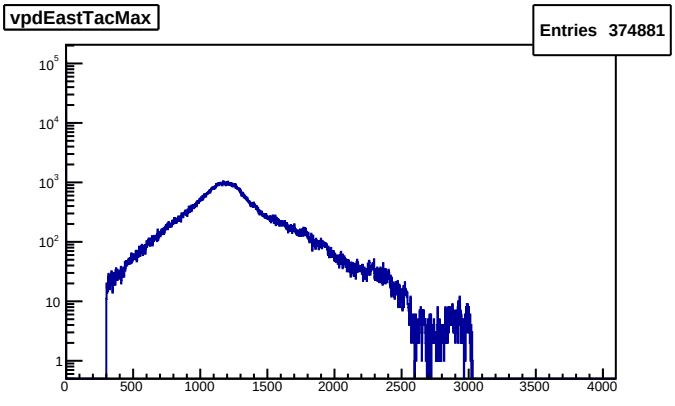
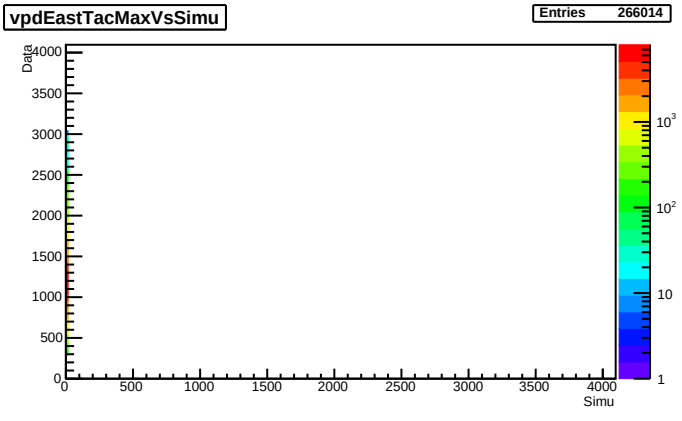
Entries 0
Data
Simu


vpdEastAdcSum
Entries 374881


vpdEastAdcSumVsSimu
Entries 266014
Data
Simu


vpdEastTacMax
Entries 374881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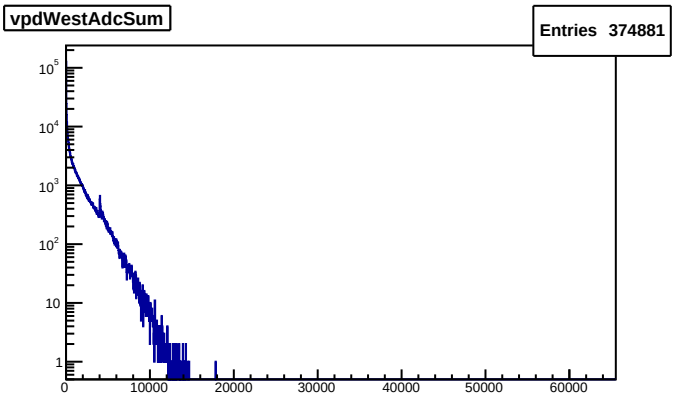
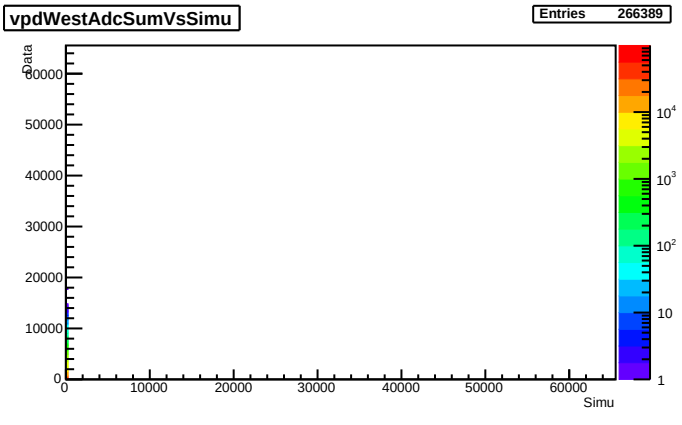
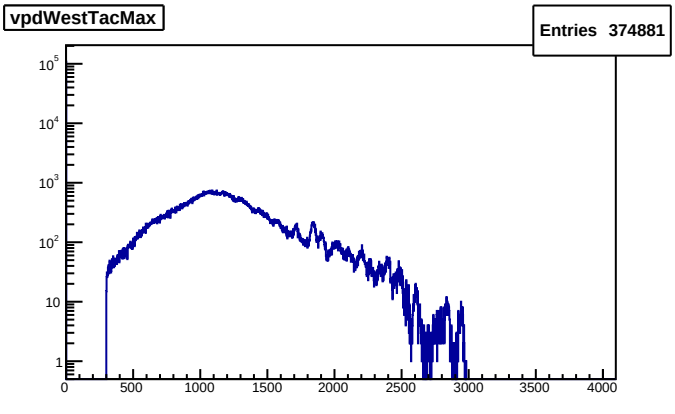
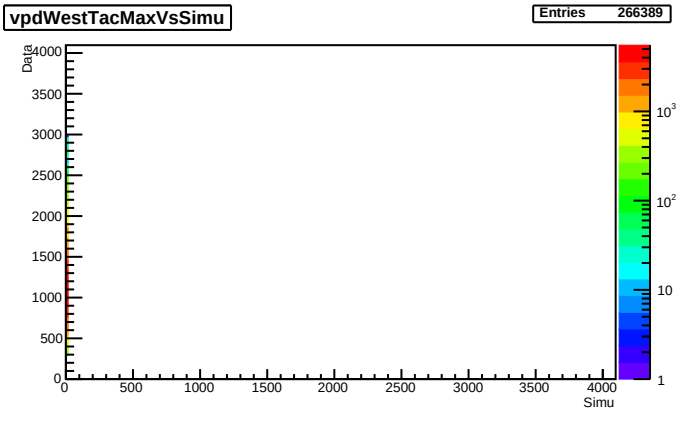
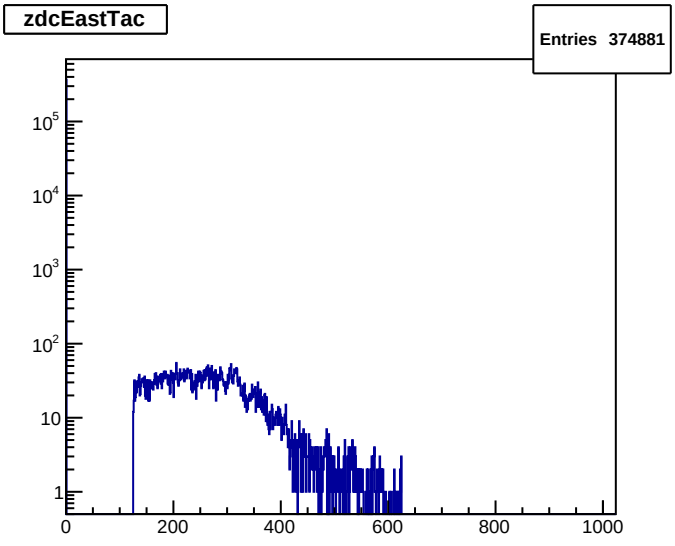
Entries 266014
Data
Simu

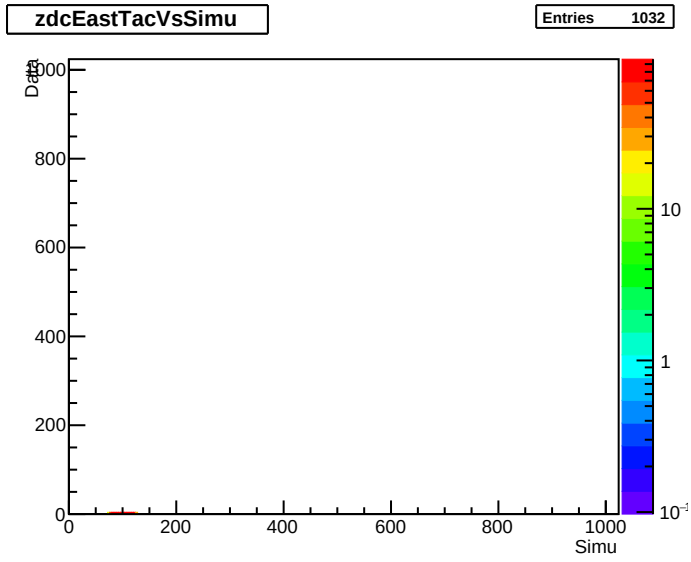

vpdWestAdcSum
Entries 374881

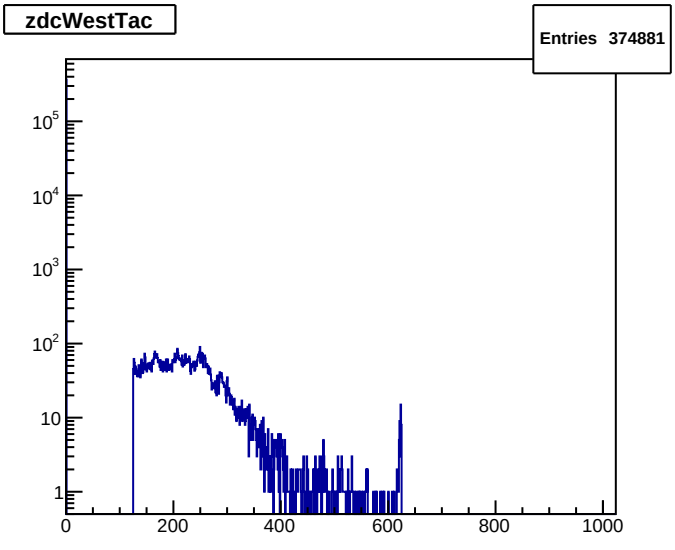

vpdWestAdcSumVsSimu
Entries 266389
Data
Simu

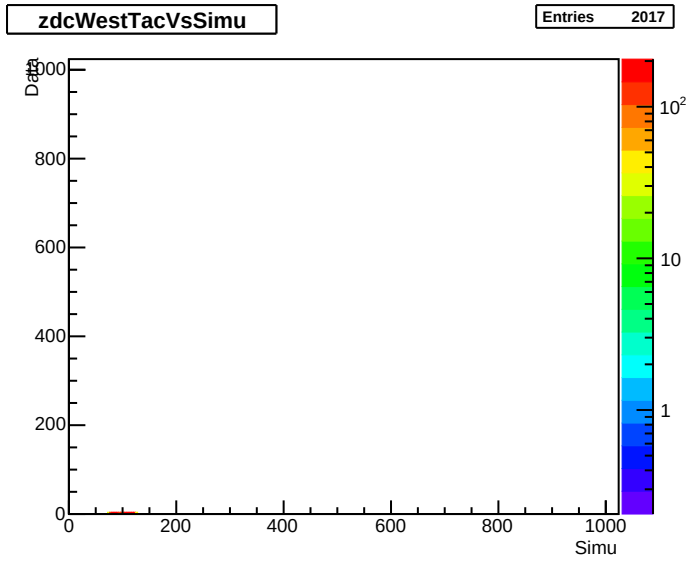

vpdWestTacMax
Entries 374881

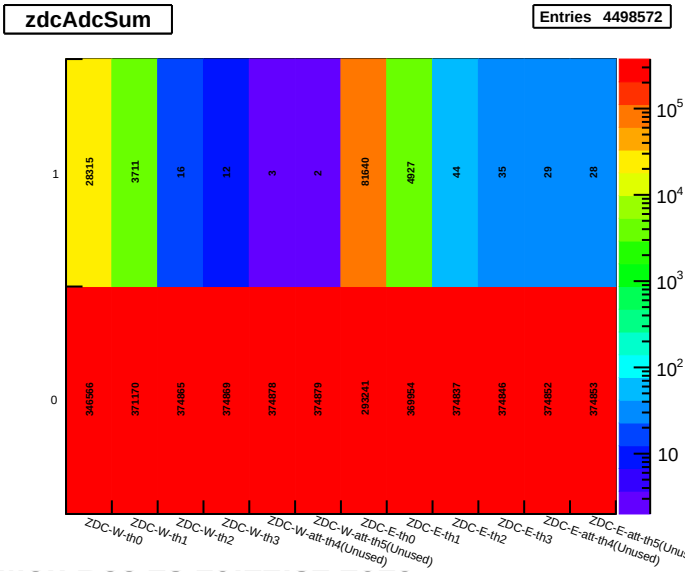

vpdWestTacMaxVsSimu
Entries 266389
Data
Simu


zdcEastTac
Entries 374881


zdcEastTacVsSimu
Entries 1032
Data
Simu


zdcWestTac
Entries 374881


zdcWestTacVsSimu
Entries 2017
Data
Simu


zdcAdcSum
Entries 4498572
28315
3711
16
12
3
2
81640
4927
44
35
29
28
346566
371170
374865
374869
374878
374879
293241
369954
374837
374846
374852
374853
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
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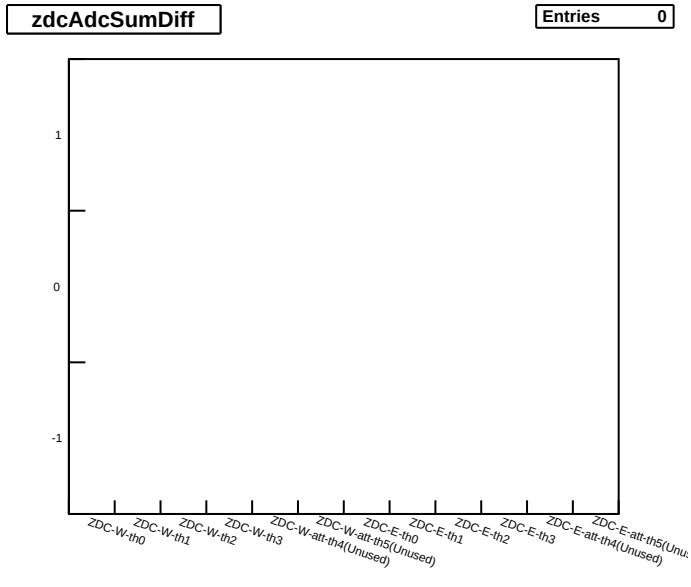
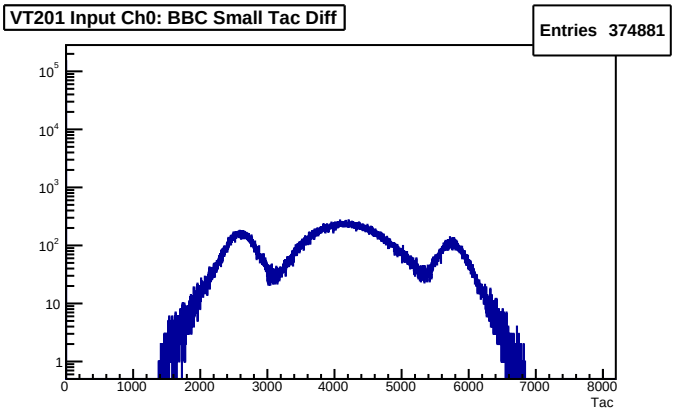
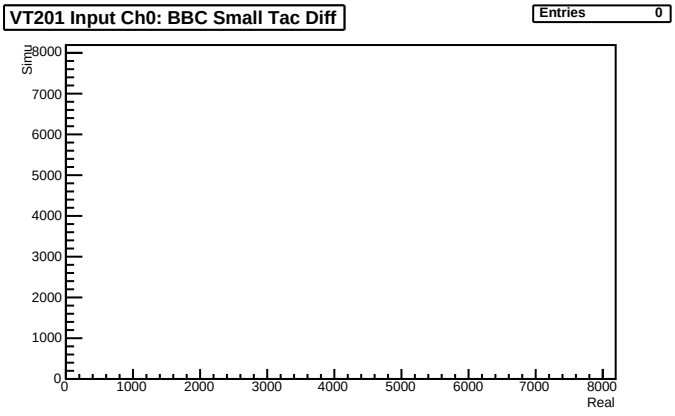
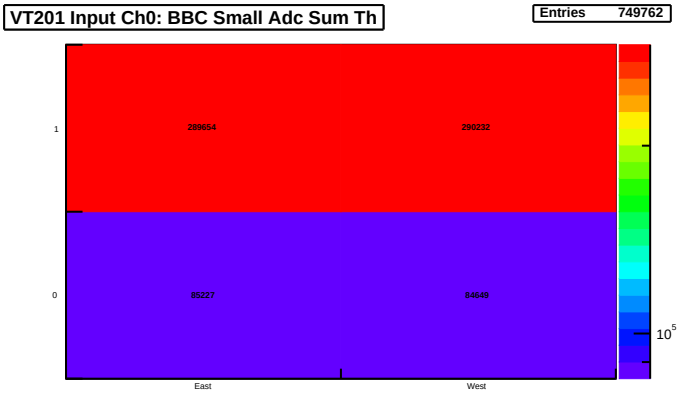
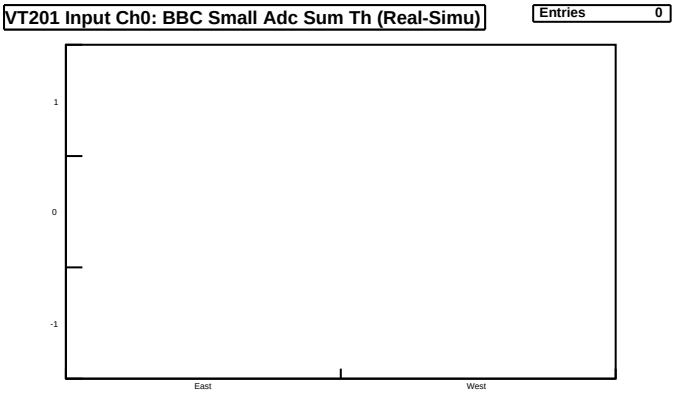
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

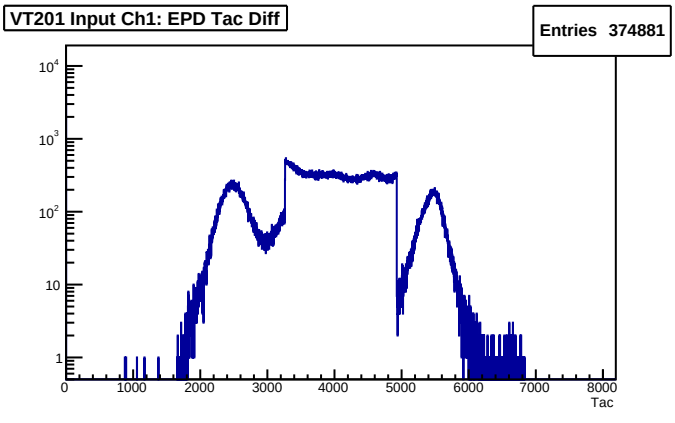

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

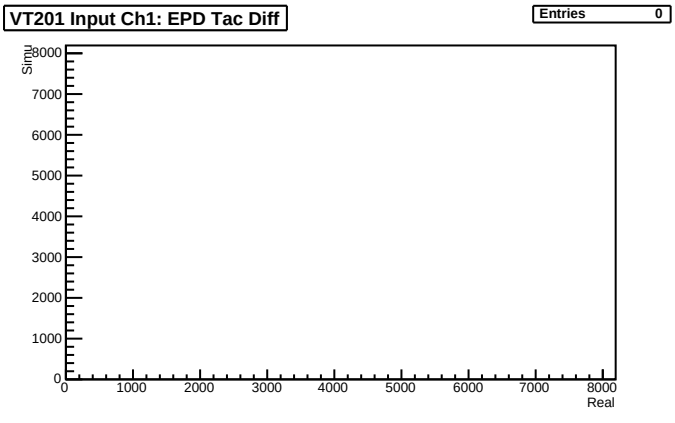

VT201 Input Ch0: BBC Small Tac Diff
Entries 374881
Tac

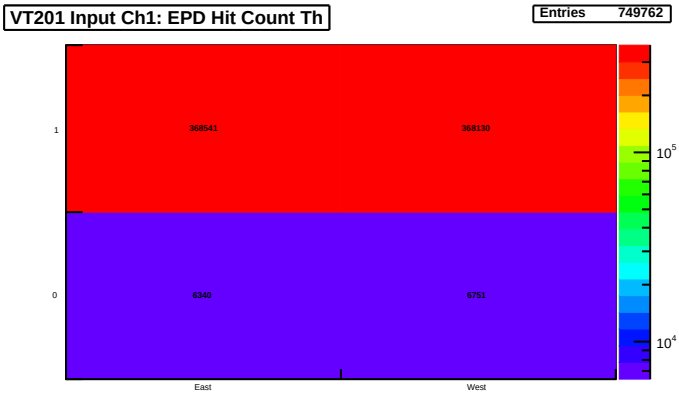

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

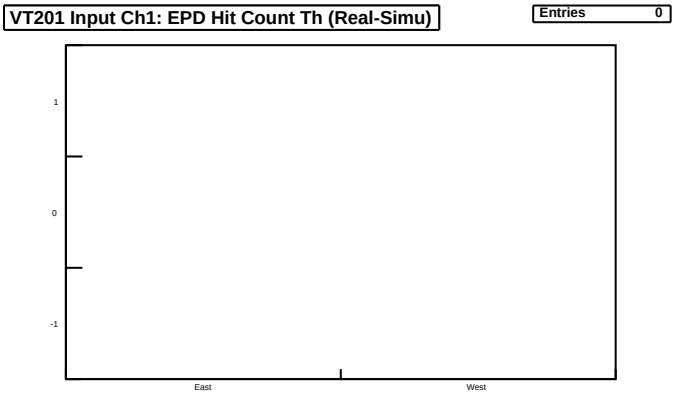

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 749762
289654
290232
85227
84649
East
West

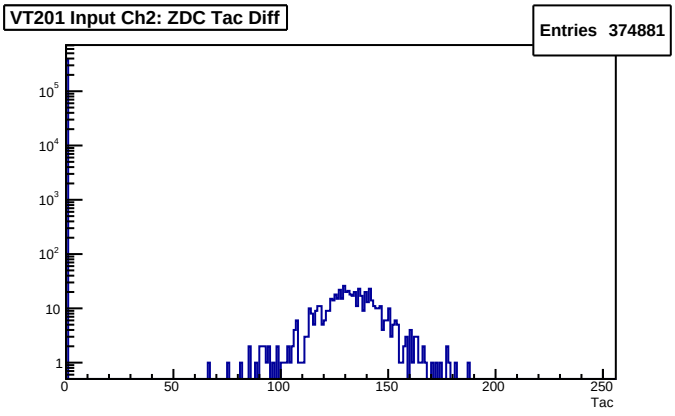

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

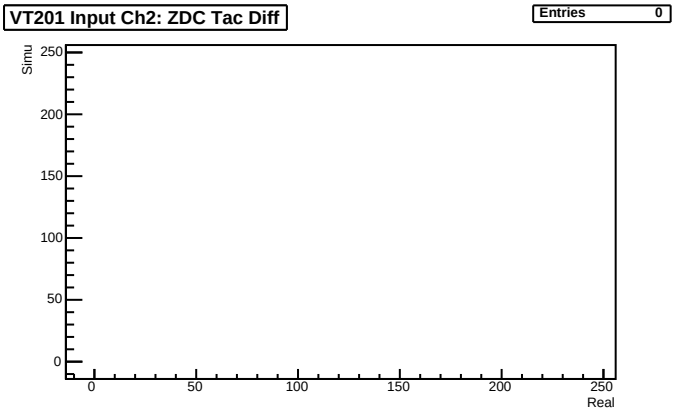

VT201 Input Ch1: EPD Tac Diff
Entries 374881
Tac

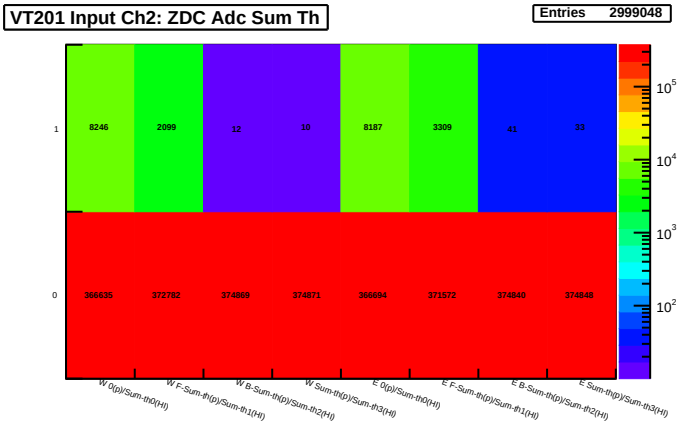

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

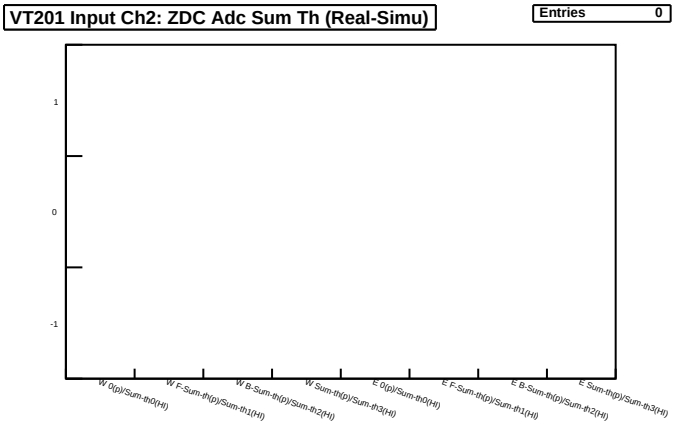

VT201 Input Ch1: EPD Hit Count Th
Entries 749762
368541
368130
6340
6751
East
West

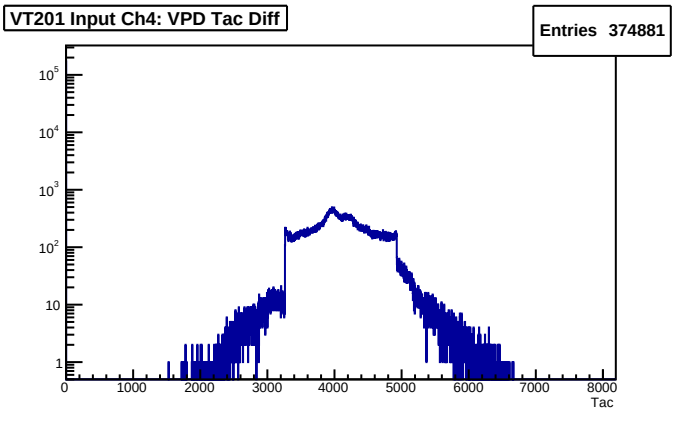

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

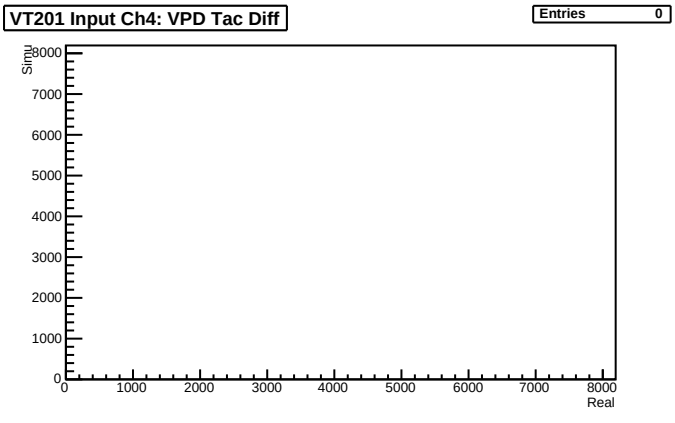

VT201 Input Ch2: ZDC Tac Diff
Entries 374881
Tac

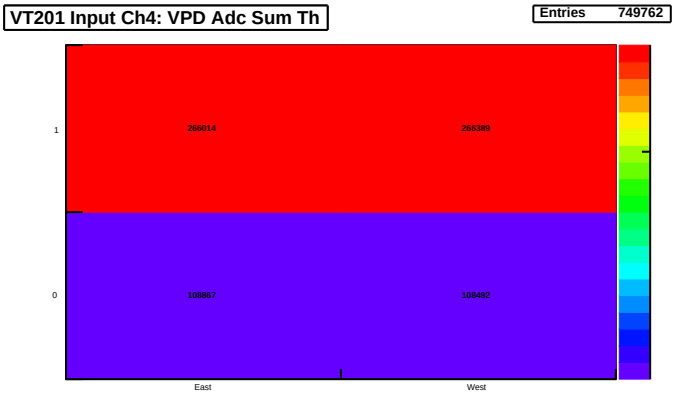

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

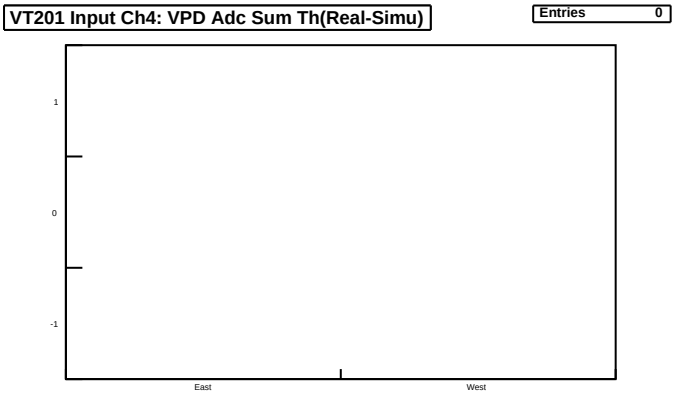

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2999048
8246
2099
12
10
8187
3309
41
33
366635
372782
374869
374871
366694
371572
374840
374848
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

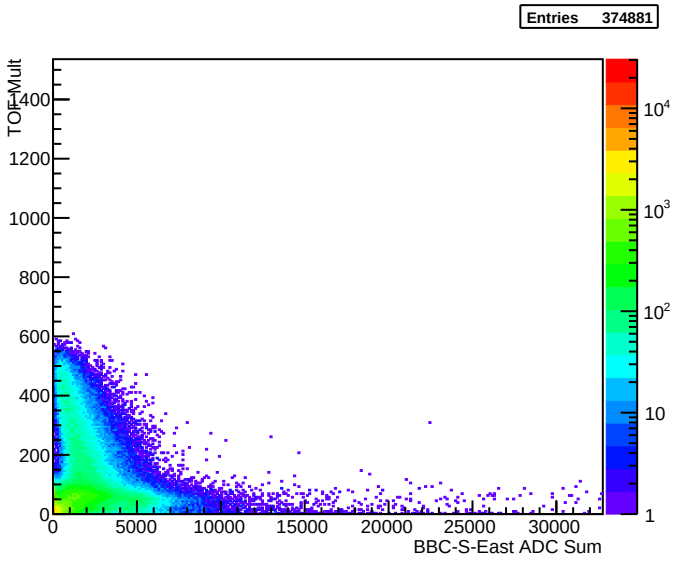

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

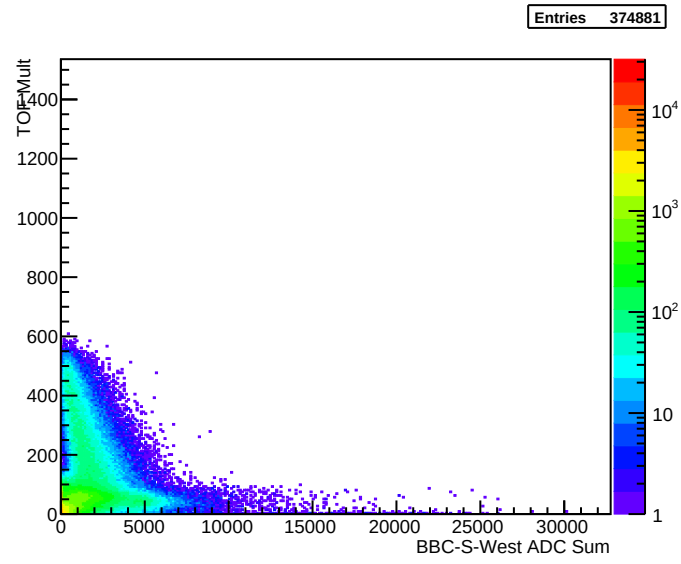

VT201 Input Ch4: VPD Tac Diff
Entries 374881
Tac

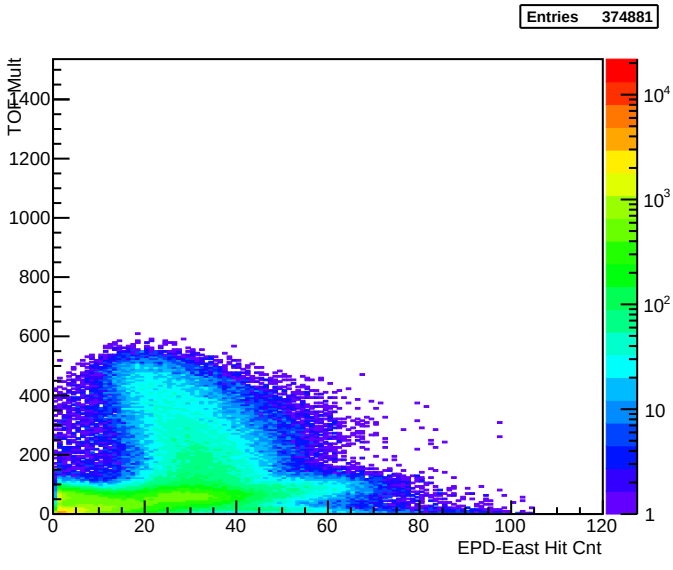

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

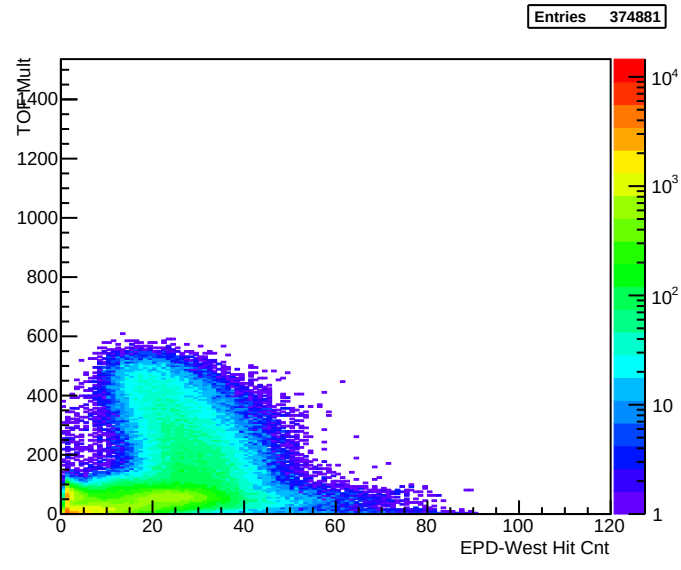

VT201 Input Ch4: VPD Adc Sum Th
Entries 749762
266014
266389
108867
108492
East
West

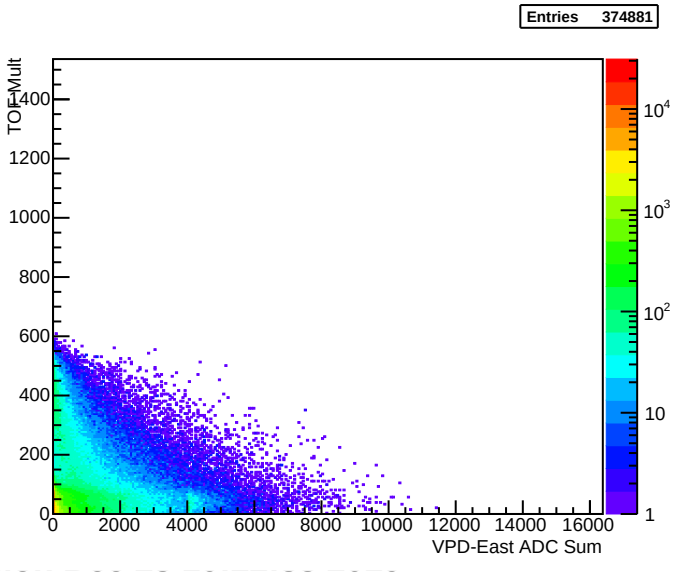

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

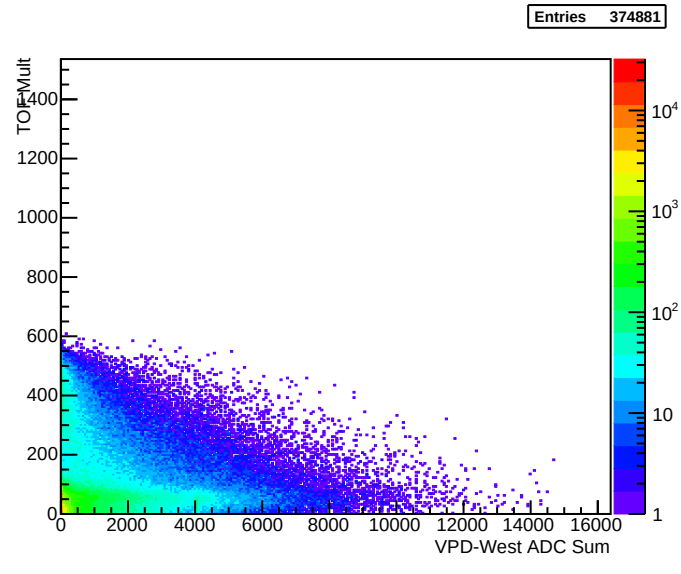

Entries 374881
TOF-Mult
BBC-S-East ADC Sum

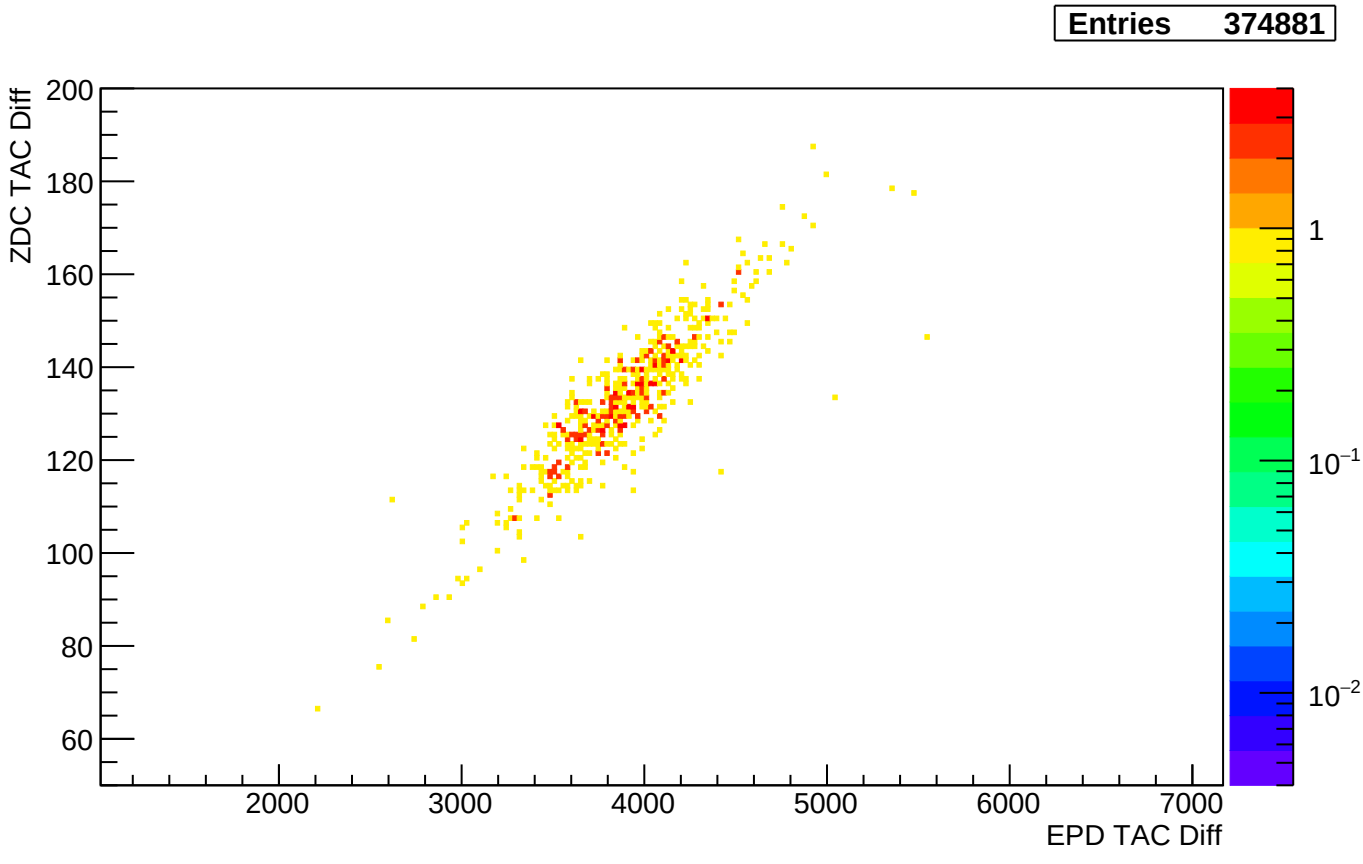

Entries 374881
TOF-Mult
BBC-S-West ADC Sum

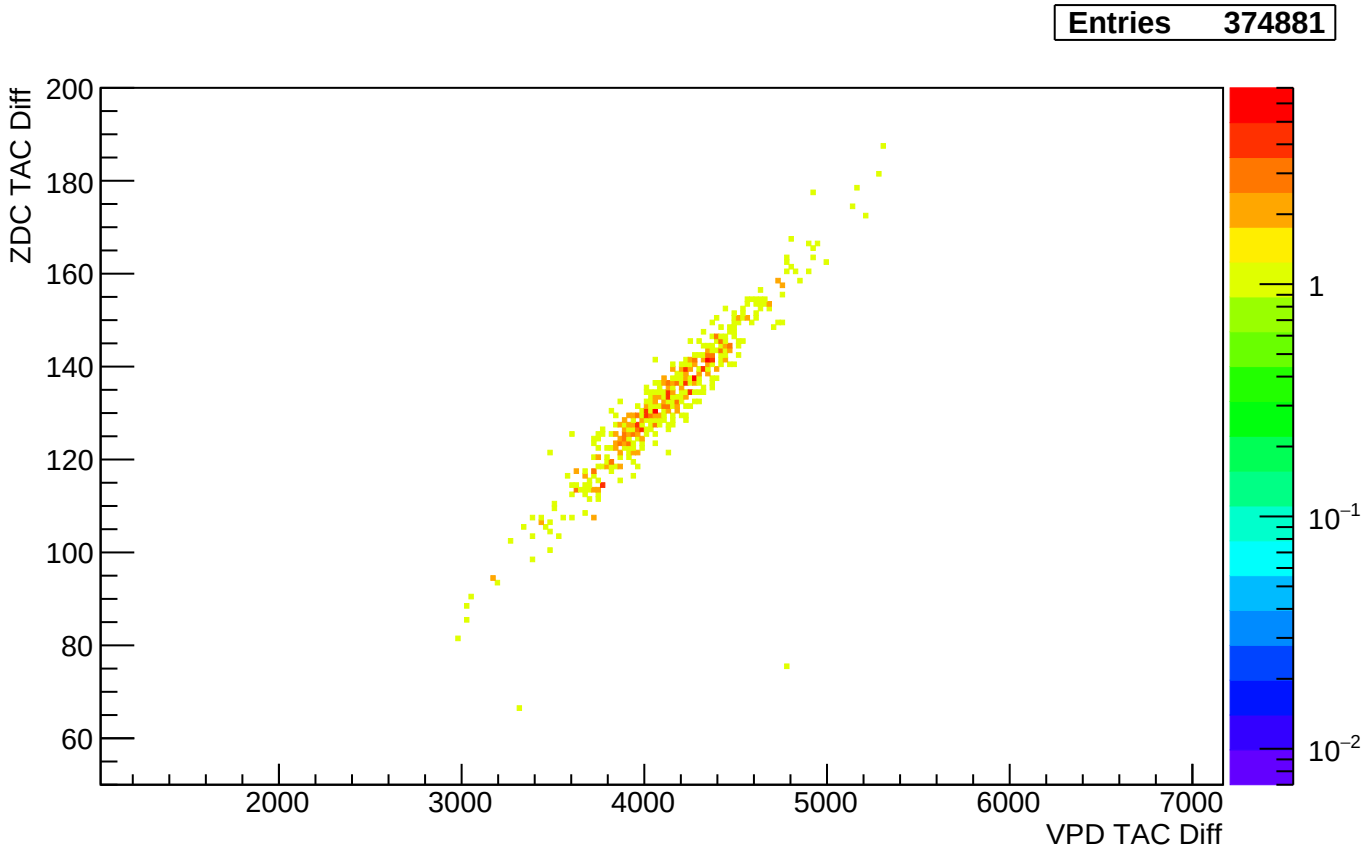

Entries 374881
TOF-Mult
EPD-East Hit Cnt

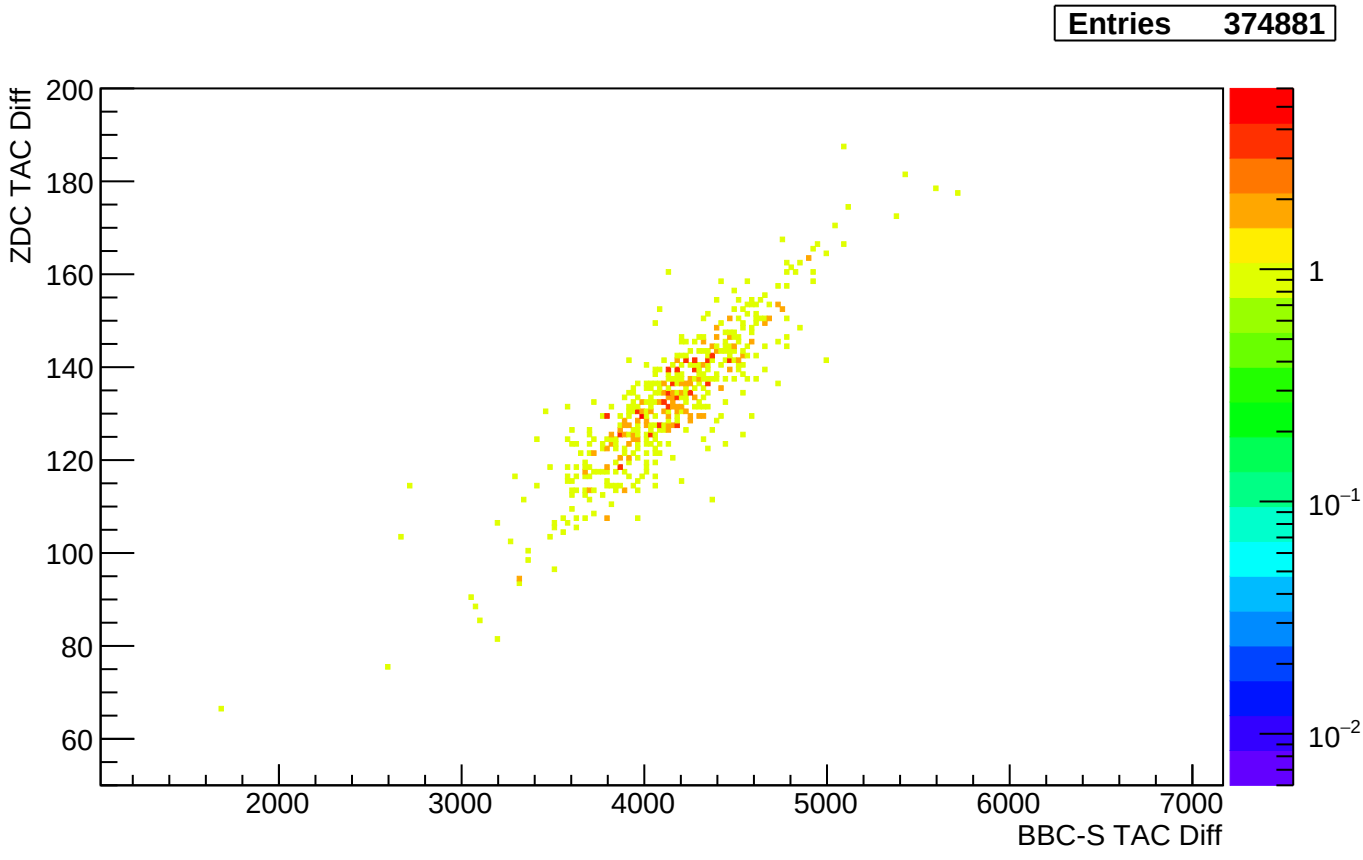

Entries 374881
TOF-Mult
EPD-West Hit Cnt

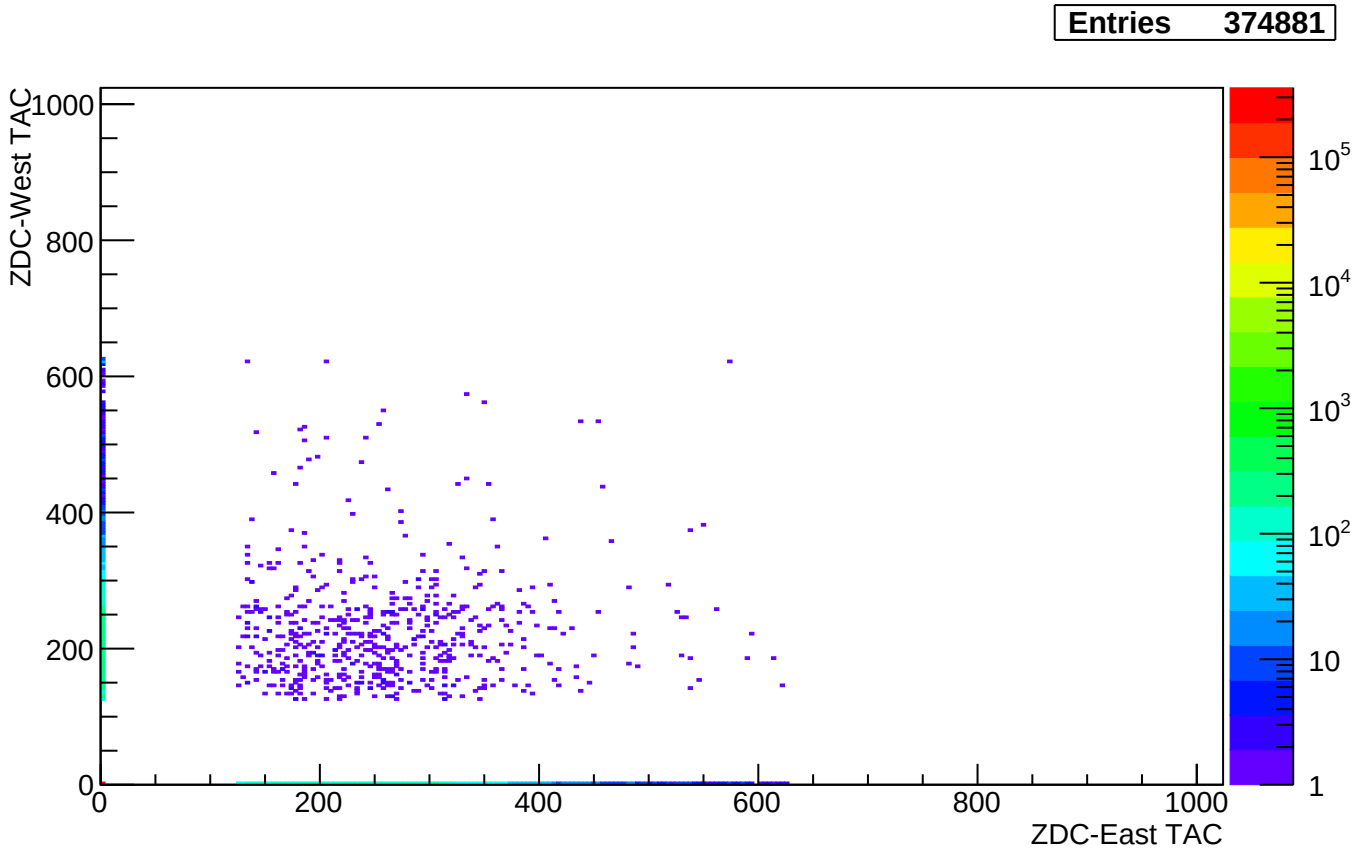

Entries 374881
TOF-Mult
VPD-East ADC Sum

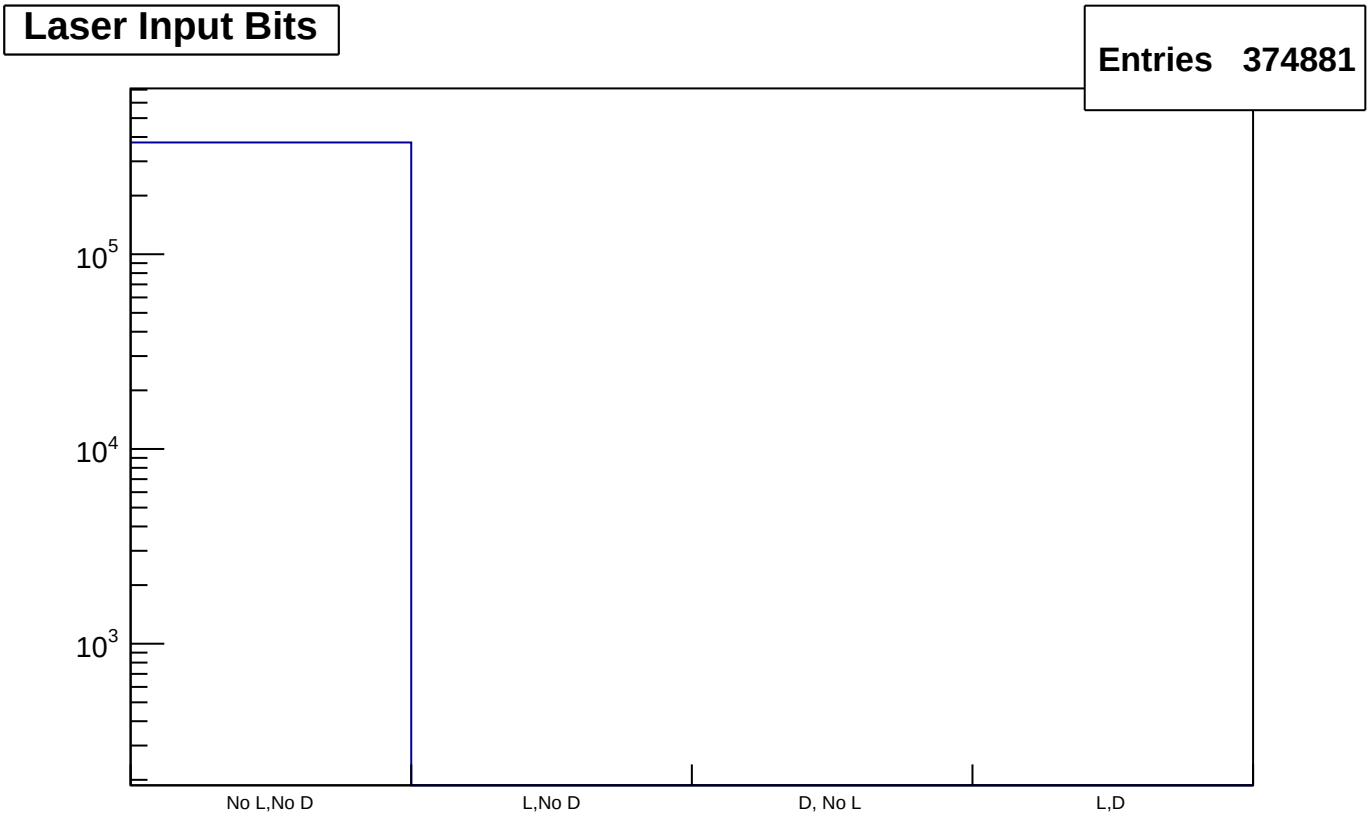

Entries 374881
TOF-Mult
VPD-West ADC Sum

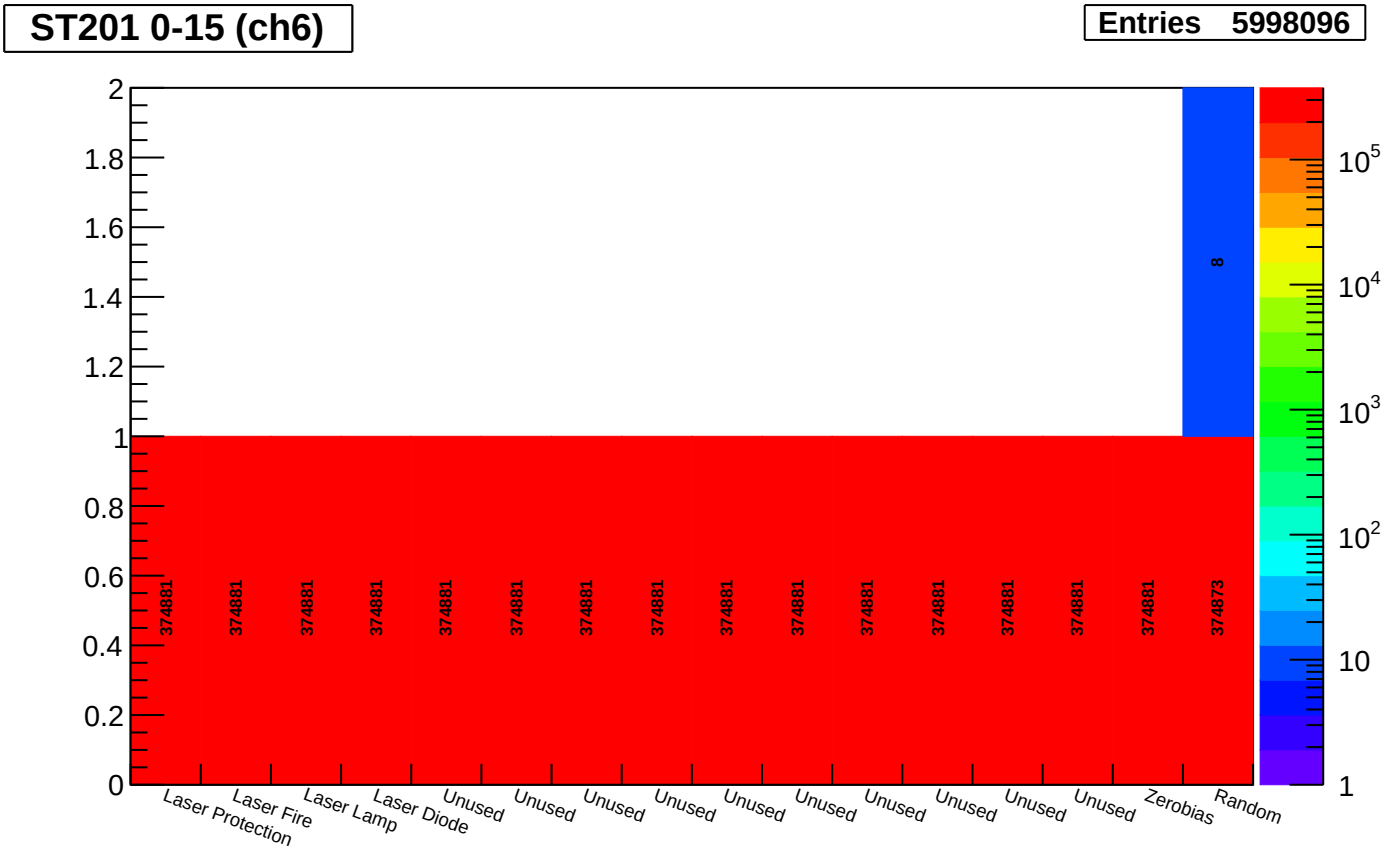

Entries 374881
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

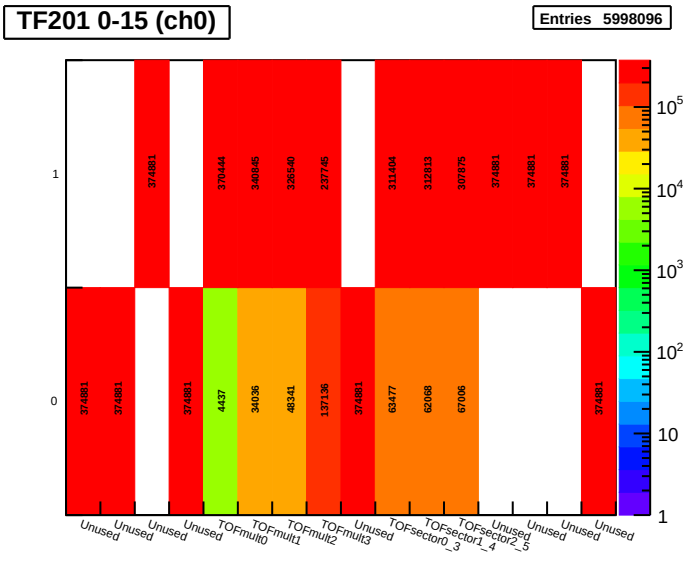

Entries 374881
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

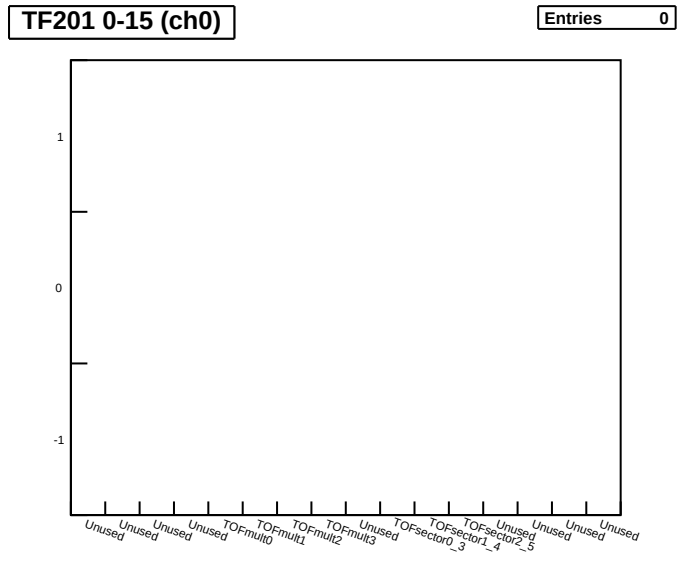

Entries 374881
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

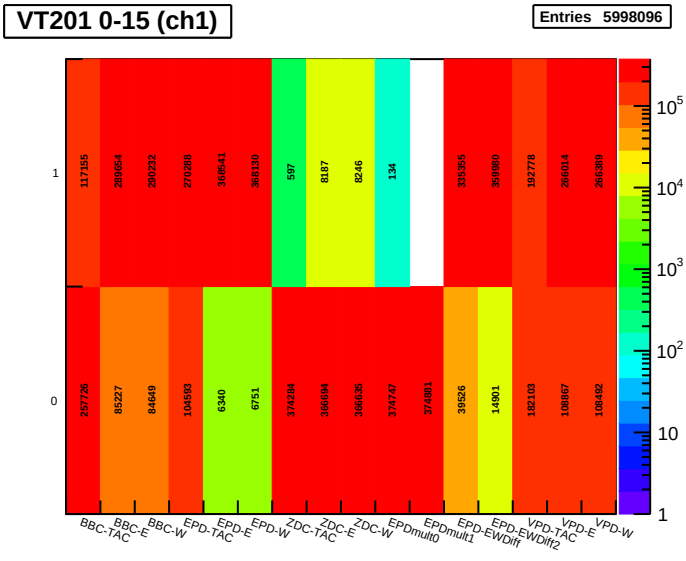

Entries 374881
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

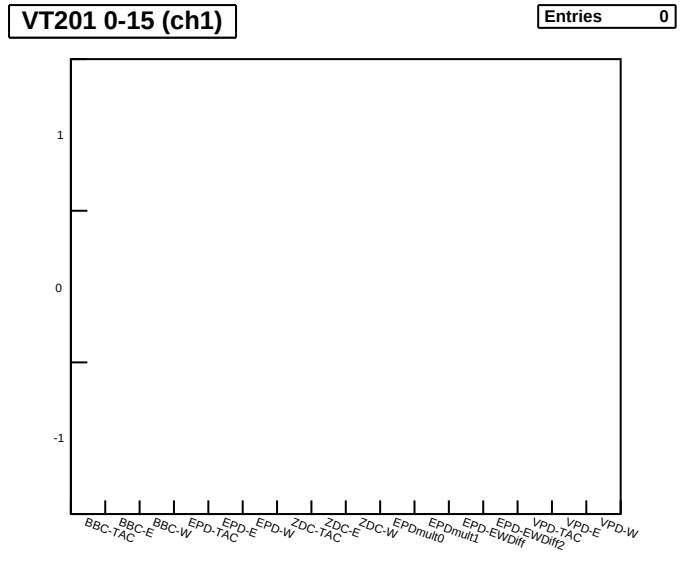

Laser Input Bits
Entries 374881
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

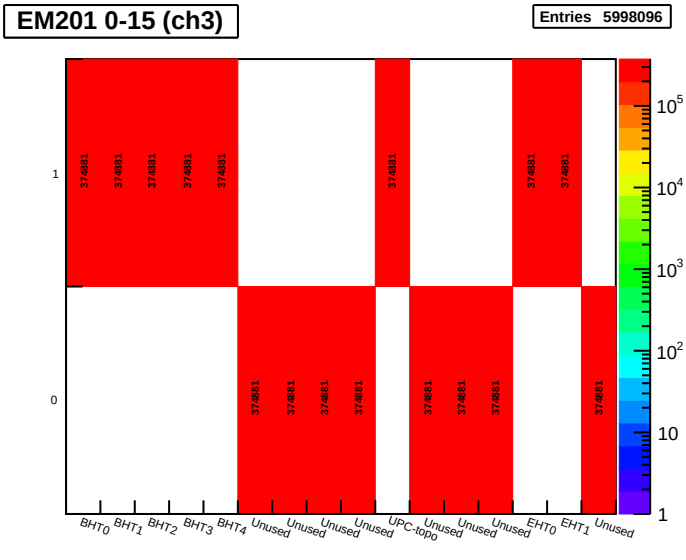

ST201 0-15 (ch6)
Entries 5998096
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
374881
374881
374881
374881
374881
374881
374881
374881
374881
374881
374881
374881
374881
374881
374881
374873
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

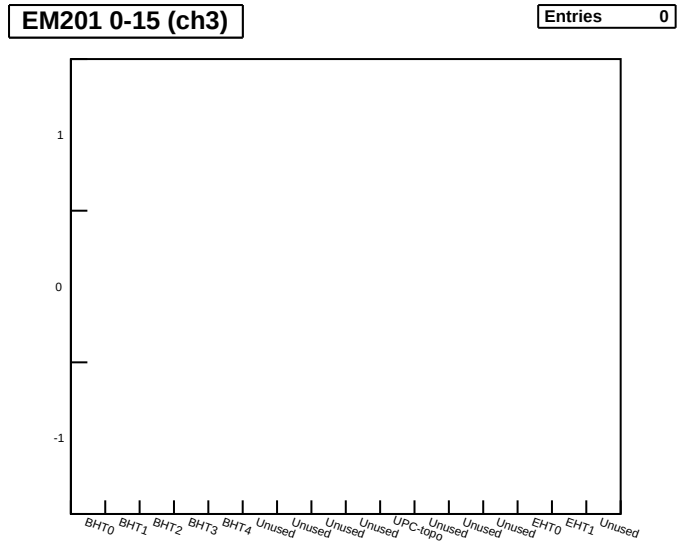

TF201 0-15 (ch0)
Entries 5998096
1
0
374881
370444
340845
326540
237745
311404
312813
307875
374881
374881
374881
374881
374881
4437
34036
48341
137136
374881
63477
62068
67006
374881
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 5998096
1
0
117155
289654
290232
270288
368541
368130
597
8187
8246
134
335355
359980
192778
266014
266389
257726
85227
84649
104593
6340
6751
374284
366694
366635
374747
374881
39526
14901
182103
108867
108492
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W
10^5
10^4
10^3
10^2
10
1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W


EM201 0-15 (ch3)
Entries 5998096
1
0
374881
374881
374881
374881
374881
374881
374881
374881
374881
374881
374881
374881
374881
374881
374881
374881
374881
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


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