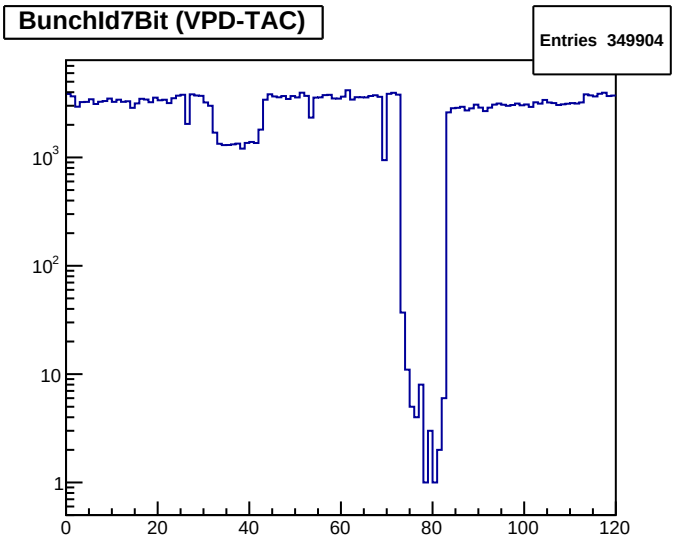
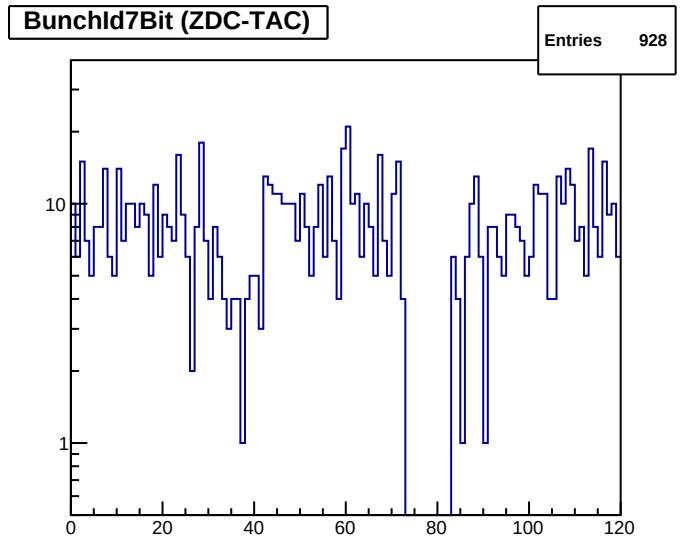
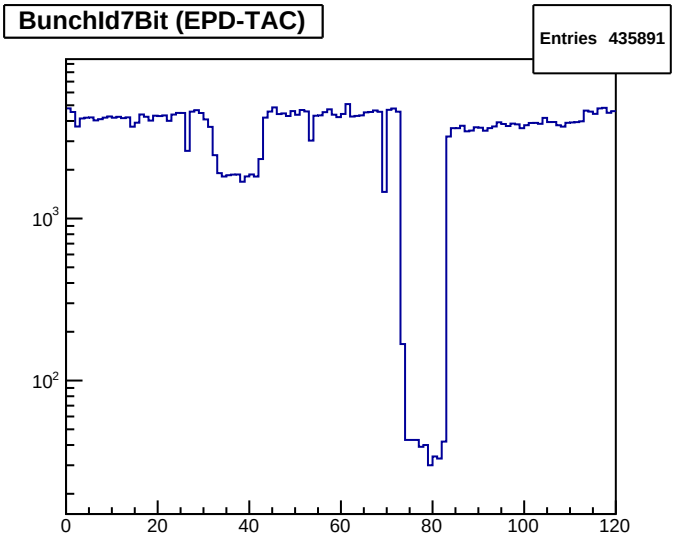
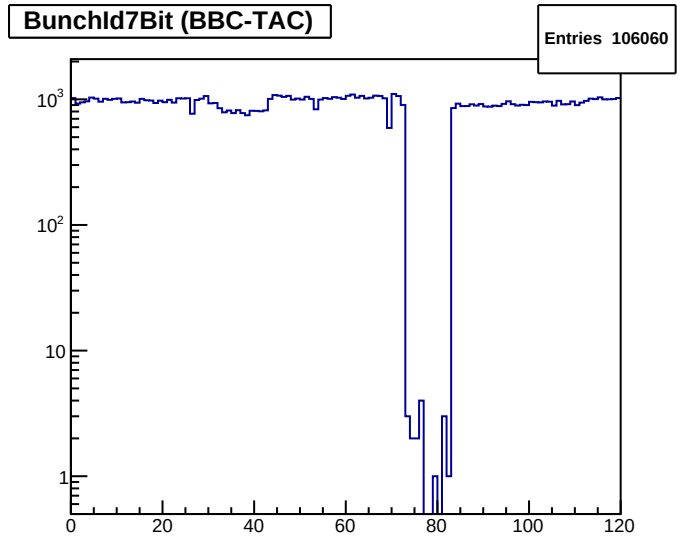
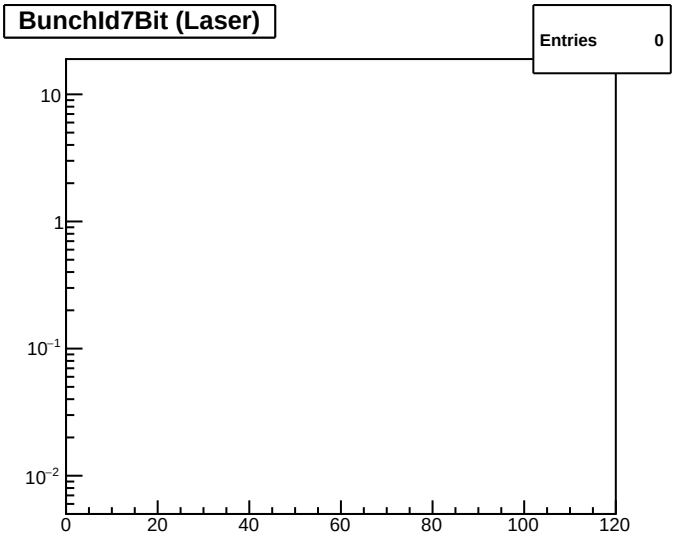
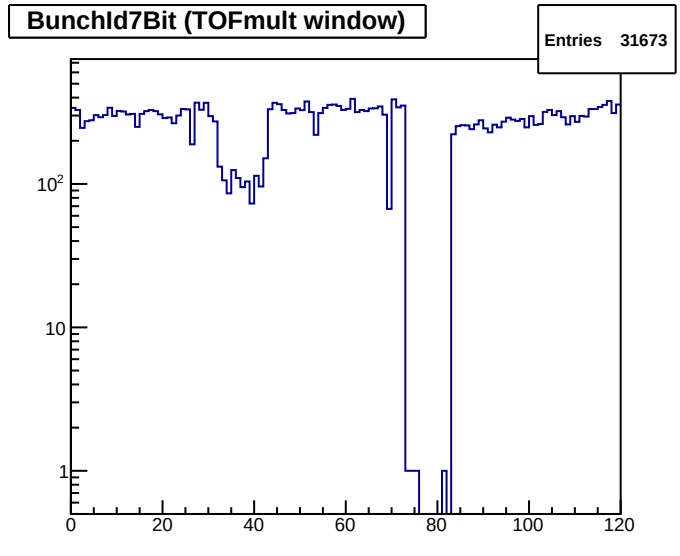

BunchId7Bit (VPD-TAC)
Entries 349904

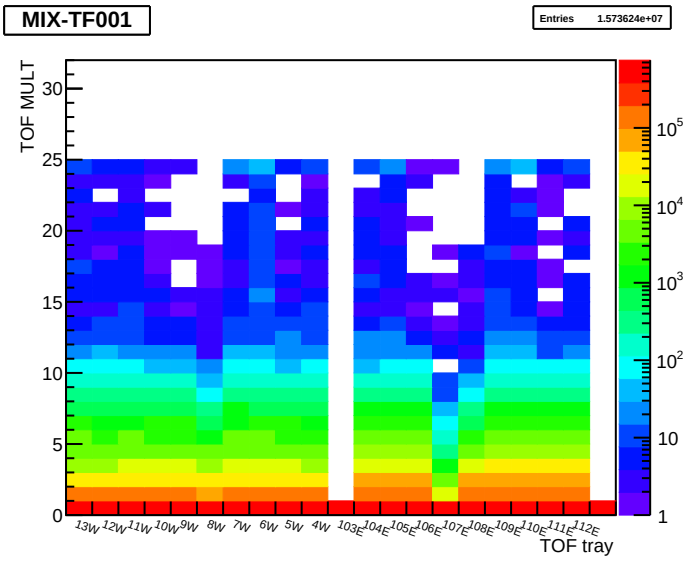

BunchId7Bit (ZDC-TAC)
Entries 928

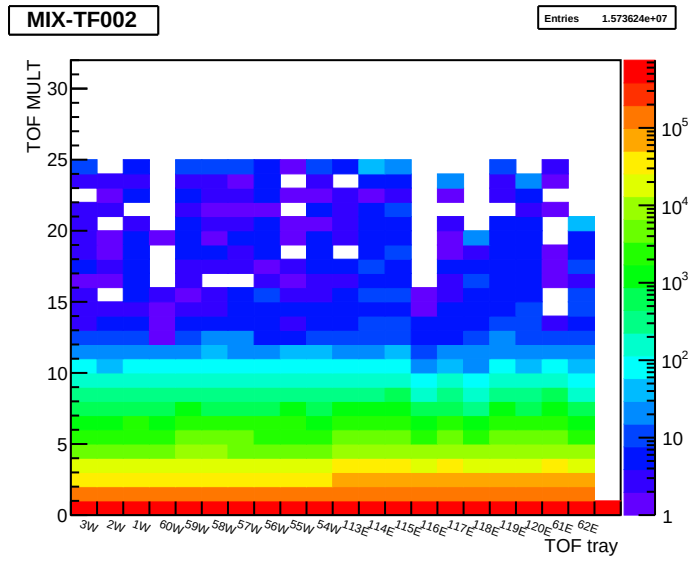

BunchId7Bit (EPD-TAC)
Entries 435891

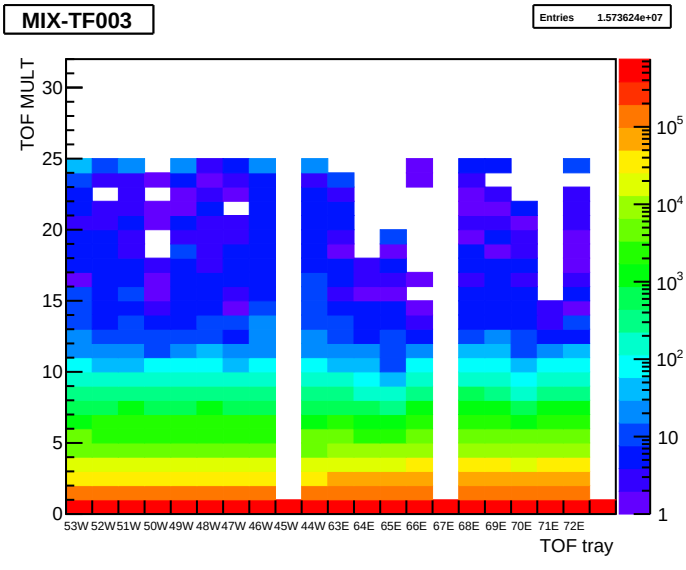

BunchId7Bit (BBC-TAC)
Entries 106060

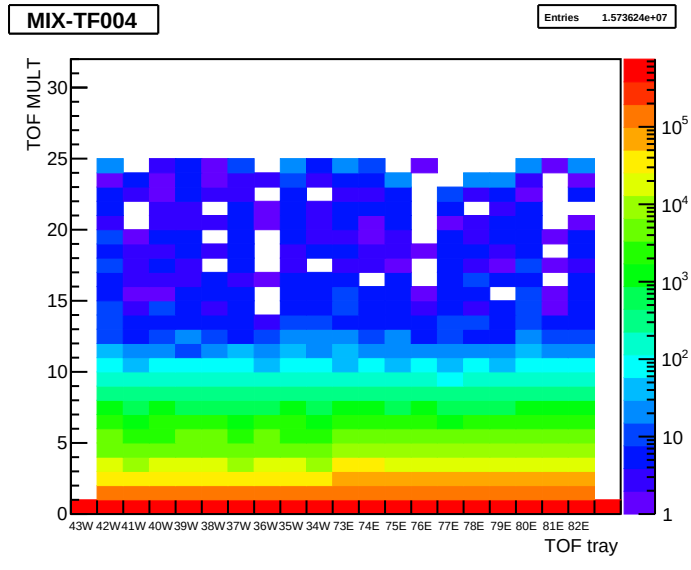

BunchId7Bit (Laser)
Entries 0

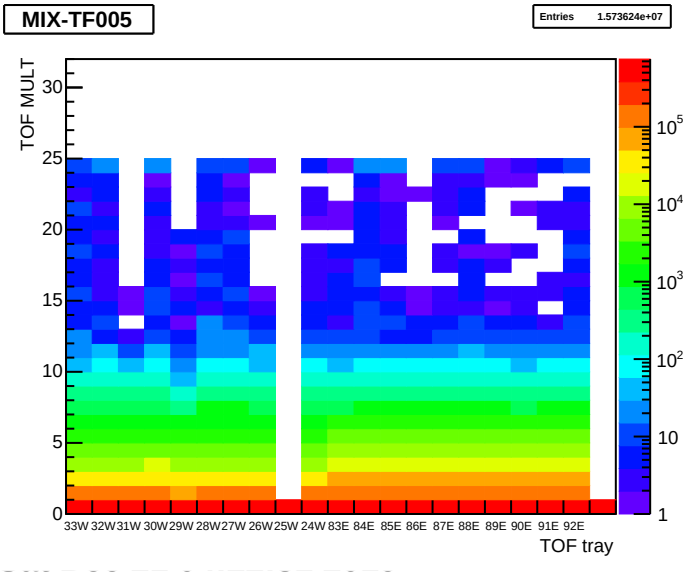

BunchId7Bit (TOFmult window)
Entries 31673

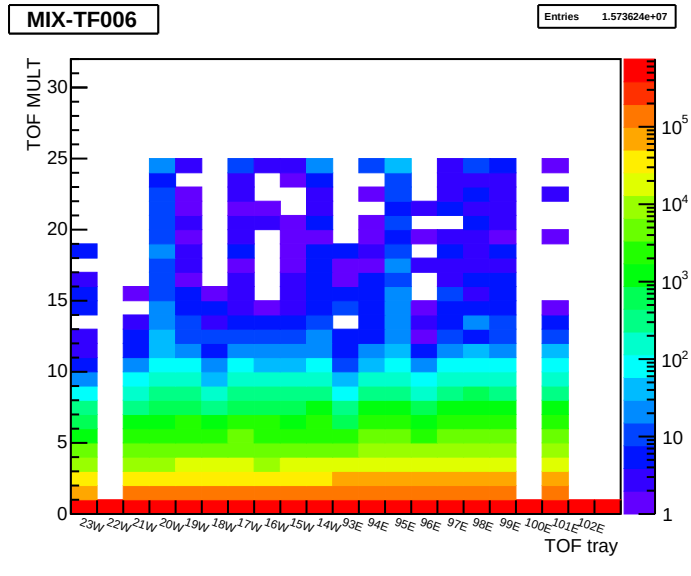

MIX-TF001
Entries 1.573624e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

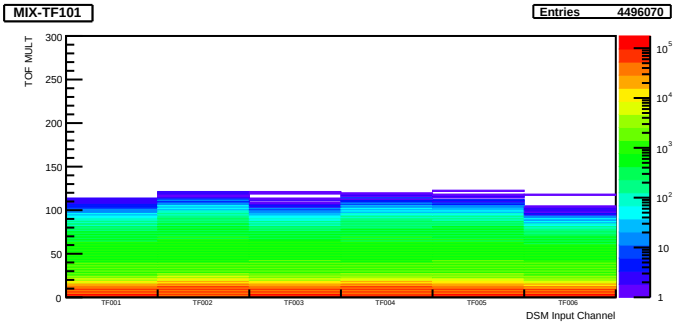

MIX-TF002
Entries 1.573624e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

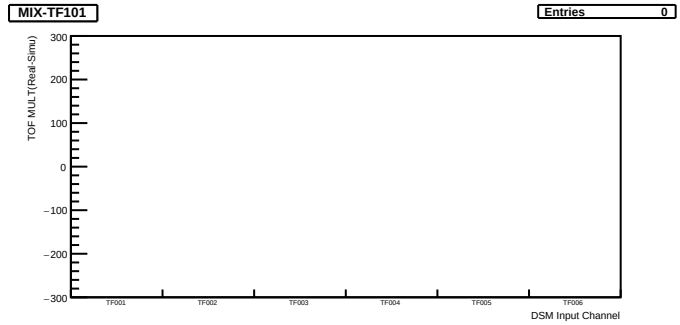

MIX-TF003
Entries 1.573624e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

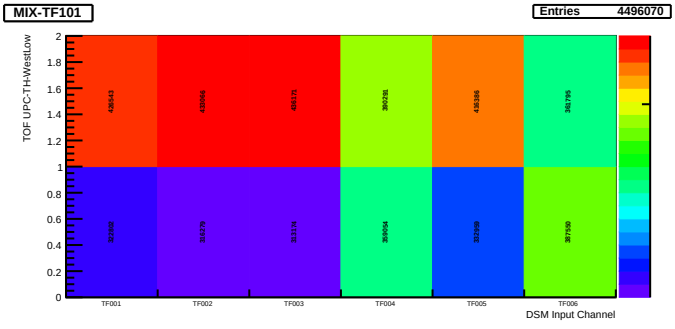

MIX-TF004
Entries 1.573624e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

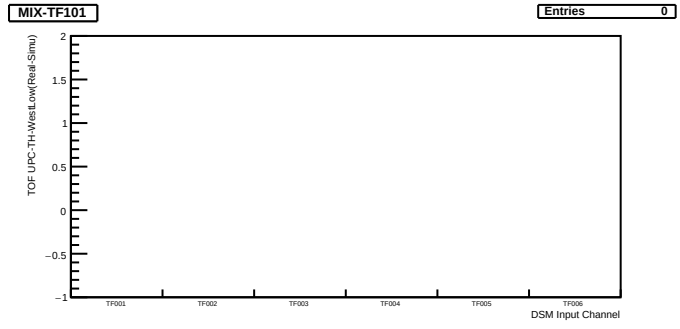

MIX-TF005
Entries 1.573624e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

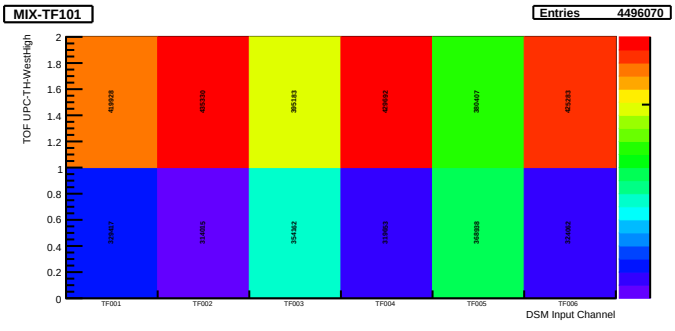

MIX-TF006
Entries 1.573624e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

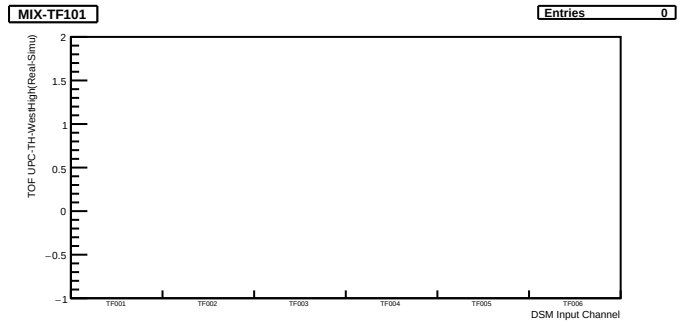

MIX-TF101
Entries 4496070
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

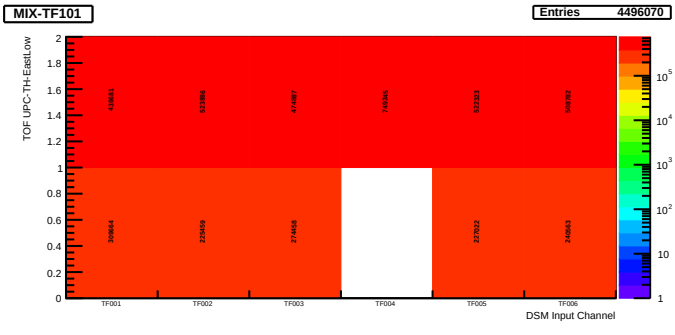

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

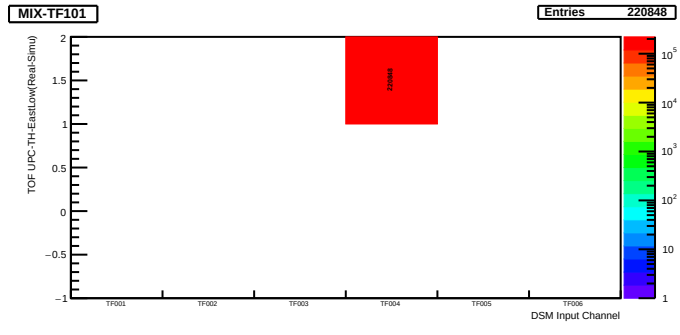

MIX-TF101
Entries 4496070
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

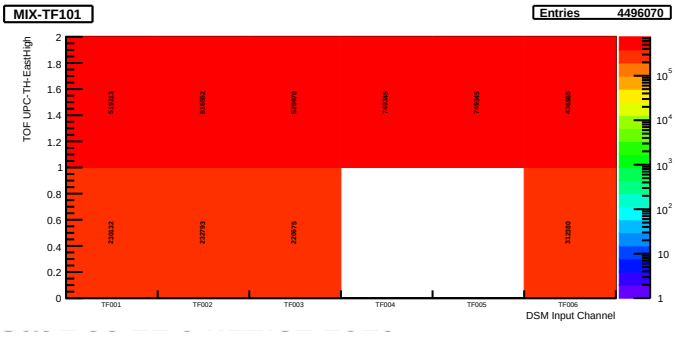

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

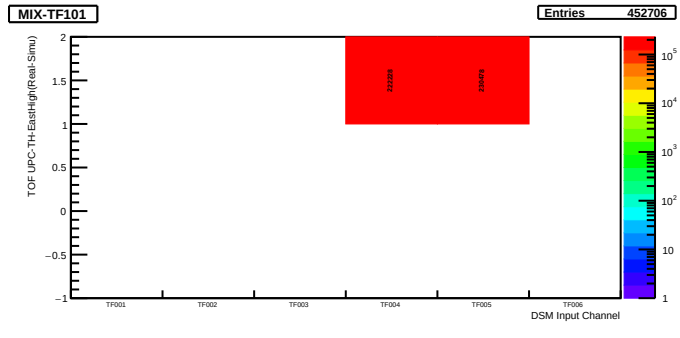

MIX-TF101
Entries 4496070
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

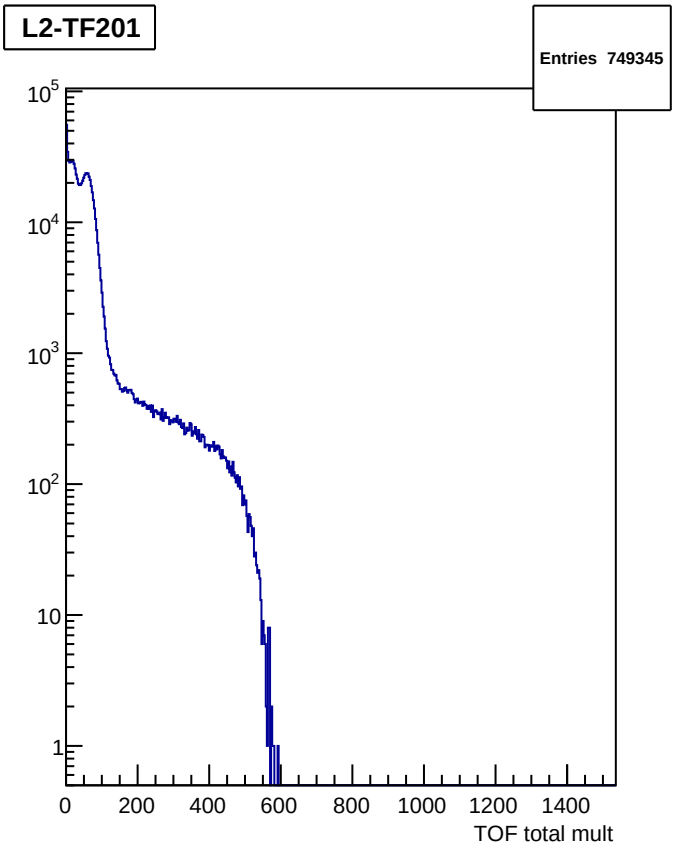

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

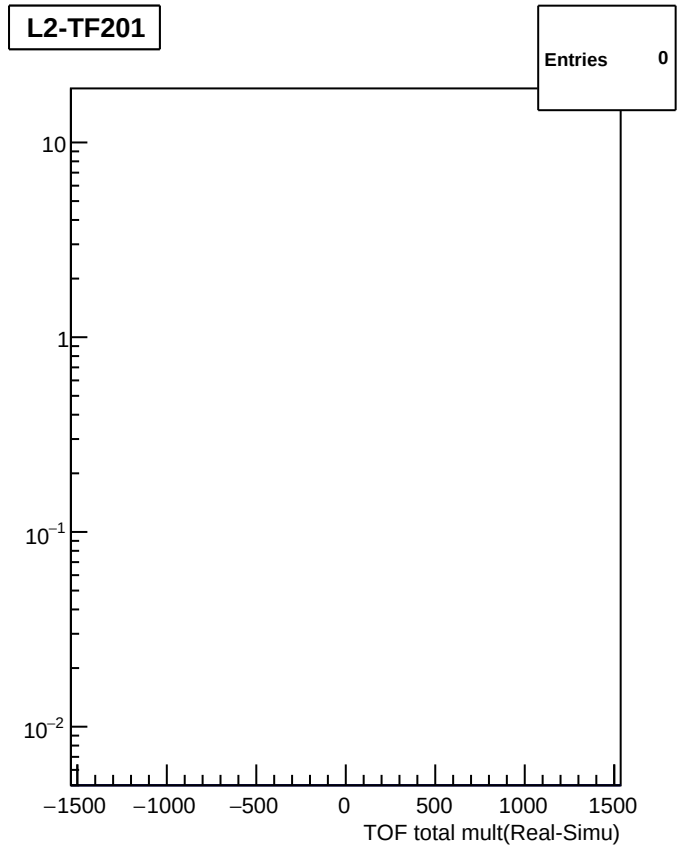

MIX-TF101
Entries 4496070
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

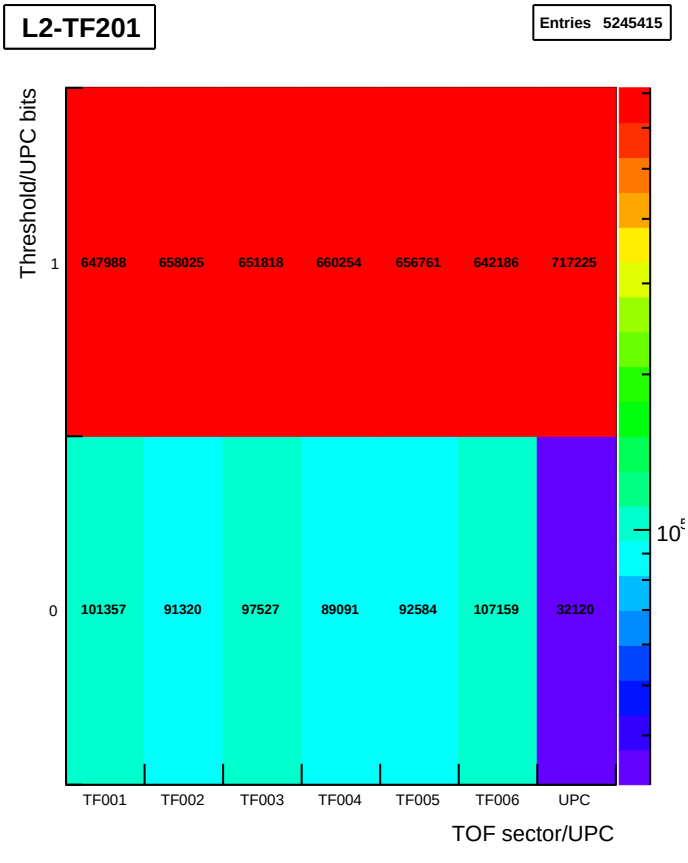

MIX-TF101
Entries 220848
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

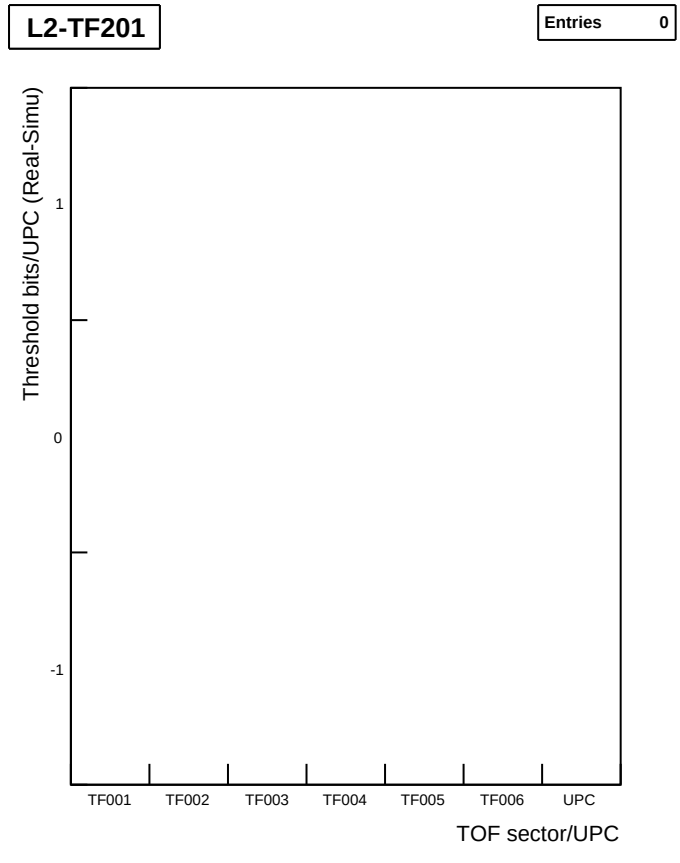

MIX-TF101
Entries 4496070
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

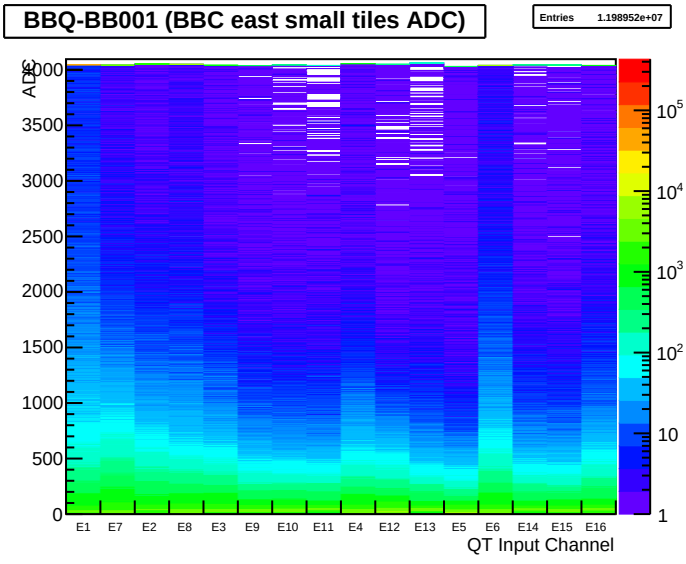

MIX-TF101
Entries 452706
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

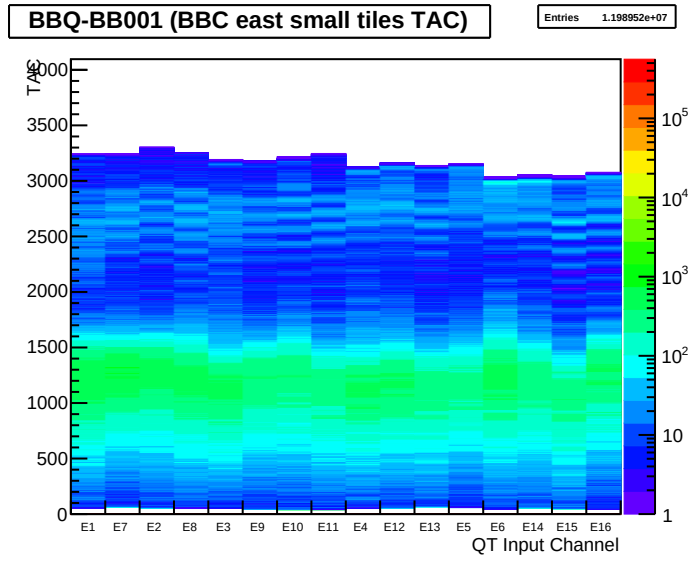

L2-TF201
Entries 749345
TOF total mult

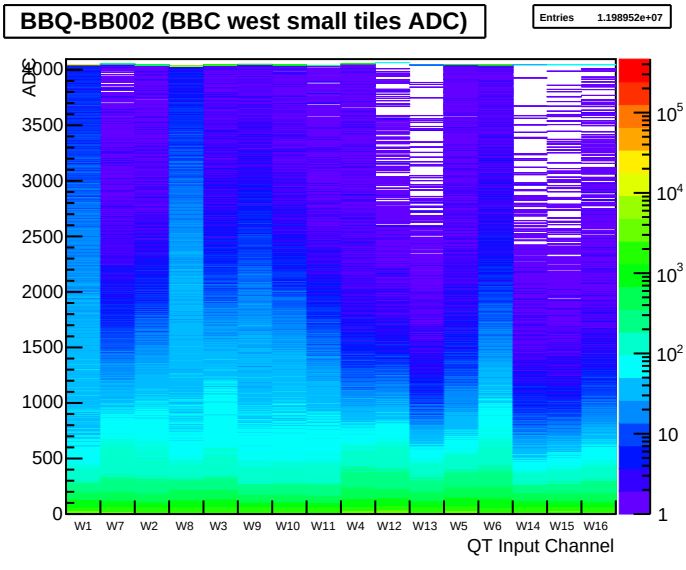

L2-TF201
Entries 0
TOF total mult(Real-Simu)

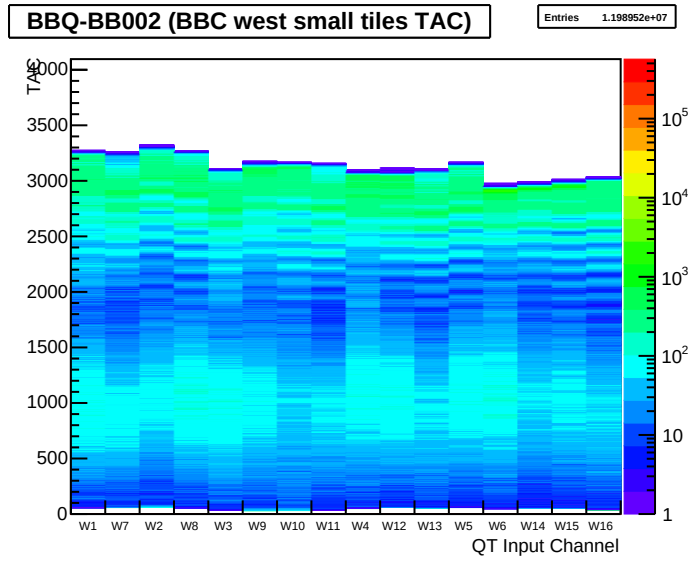

L2-TF201
Entries 5245415
Threshold/UPC bits
647988
658025
651818
660254
656761
642186
717225
101357
91320
97527
89091
92584
107159
32120
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

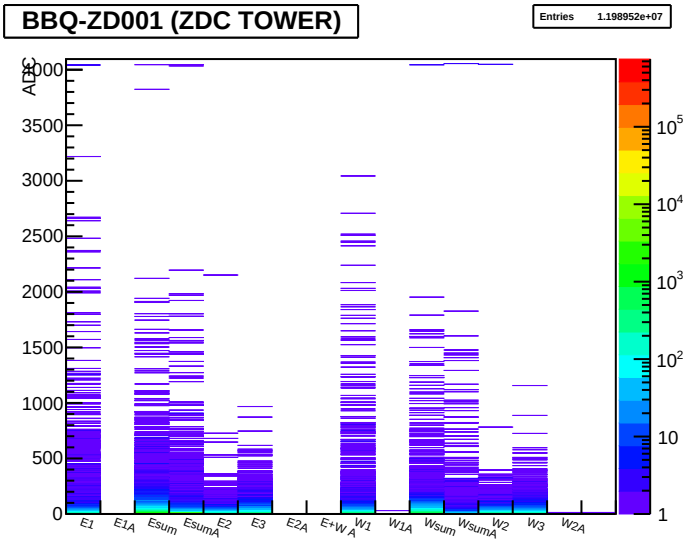

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

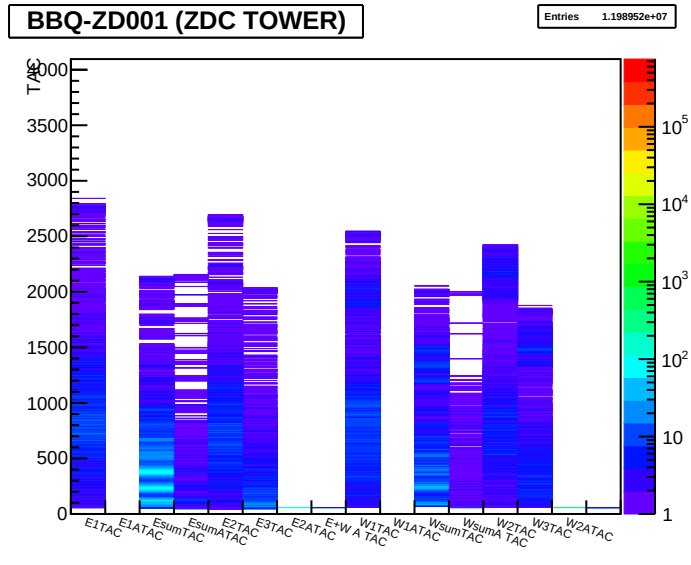

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.198952e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

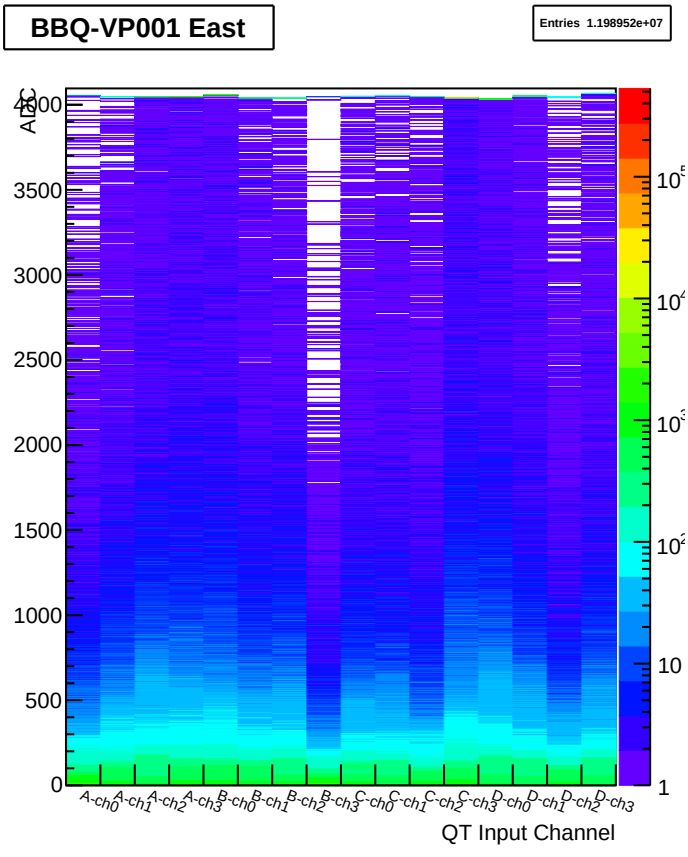

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.198952e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

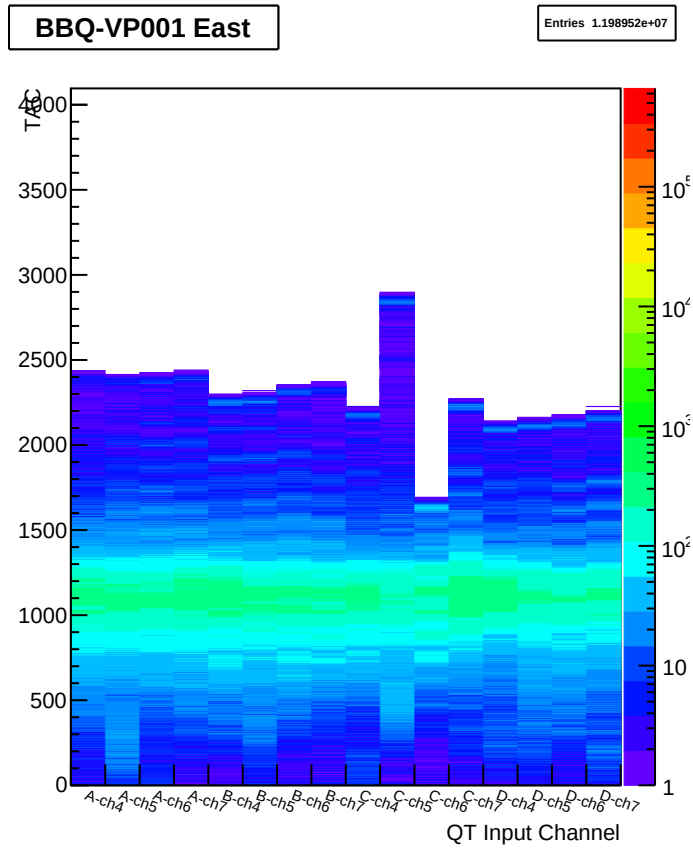

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.198952e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

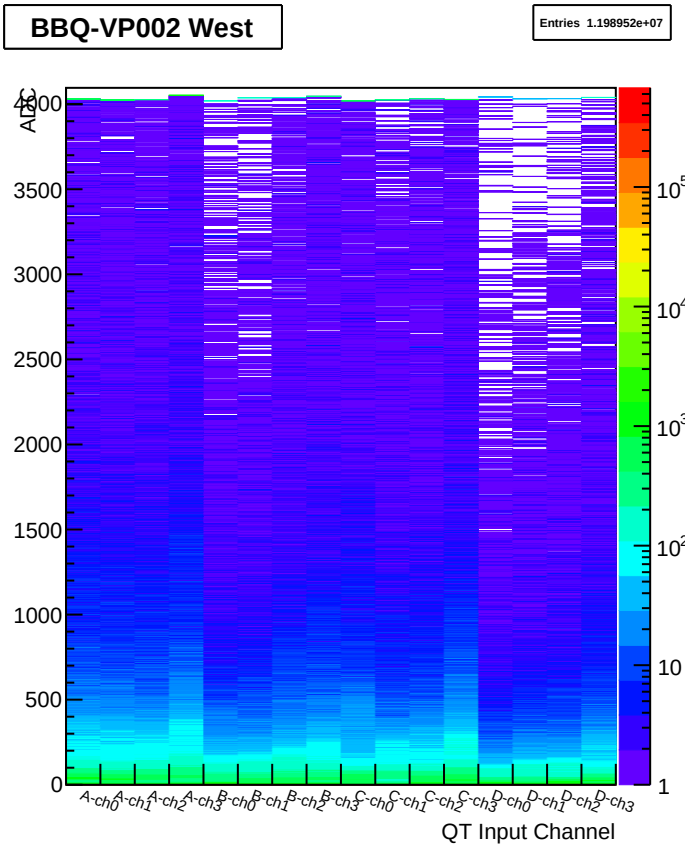

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.198952e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

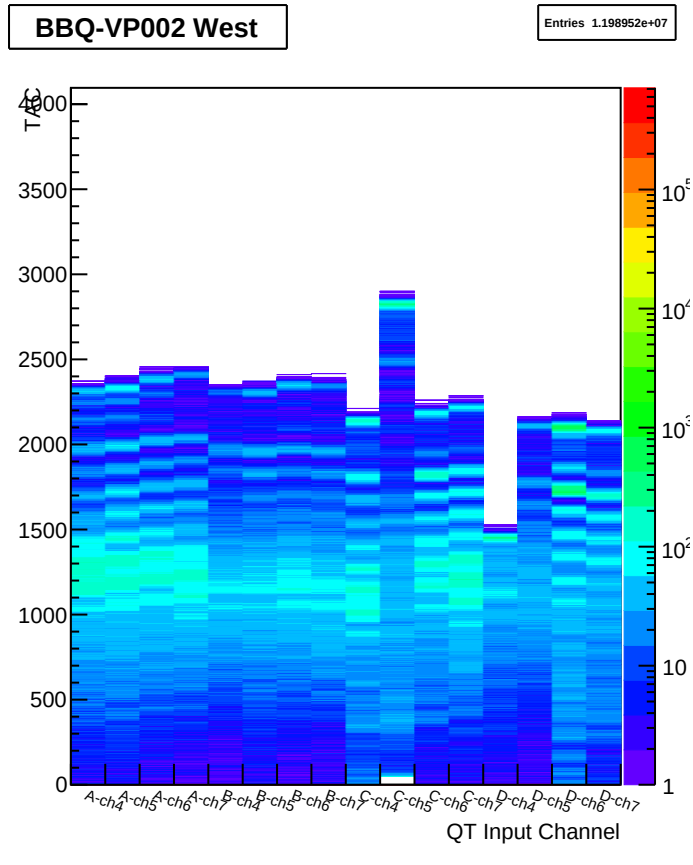

BBQ-ZD001 (ZDC TOWER)
Entries 1.198952e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

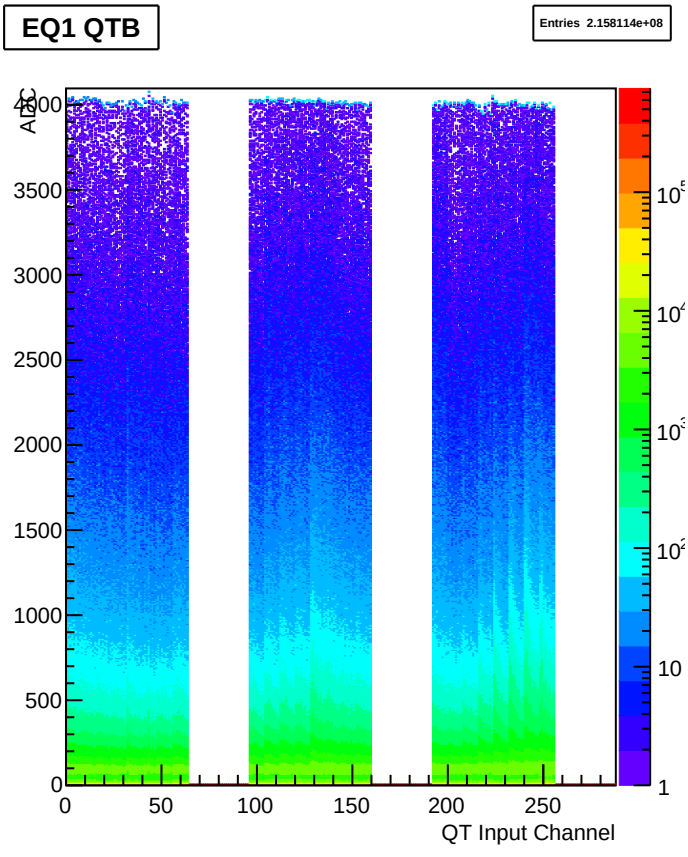

BBQ-ZD001 (ZDC TOWER)
Entries 1.198952e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

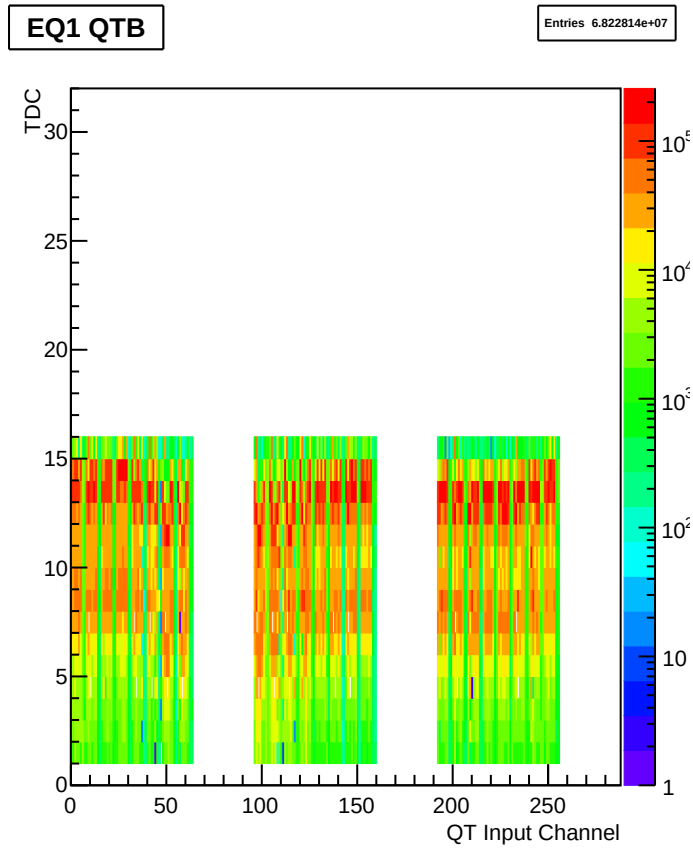

BBQ-VP001 East
Entries 1.198952e+07
ADC
QT Input Channel

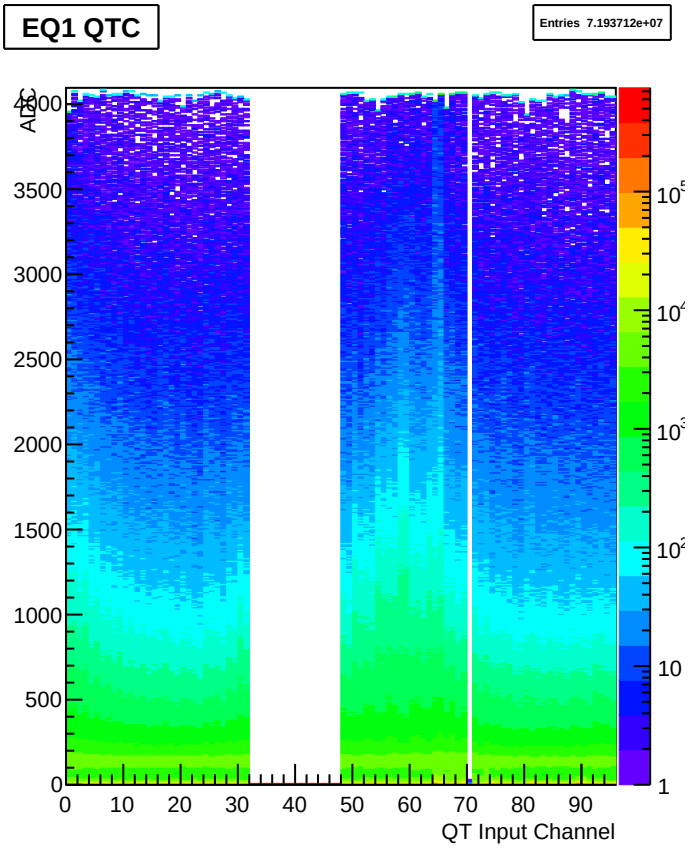

BBQ-VP001 East
Entries 1.198952e+07
TAC
QT Input Channel

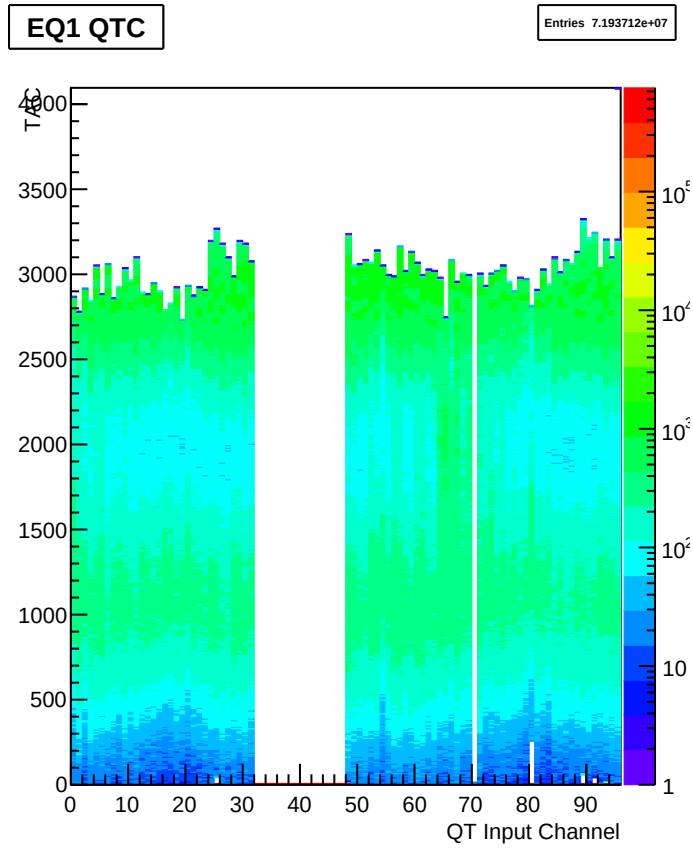

BBQ-VP002 West
Entries 1.198952e+07
ADC
QT Input Channel

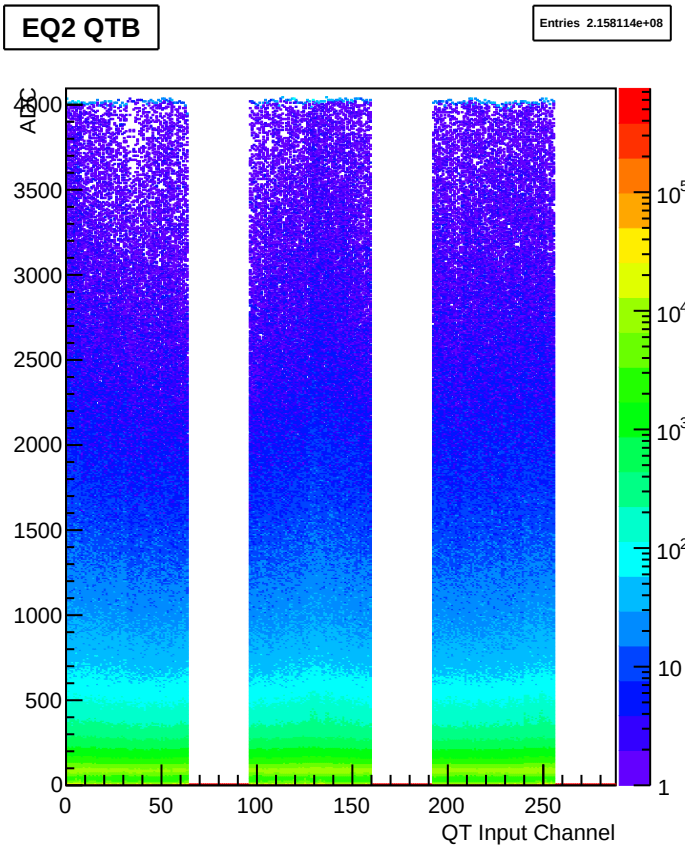

BBQ-VP002 West
Entries 1.198952e+07
TAC
QT Input Channel

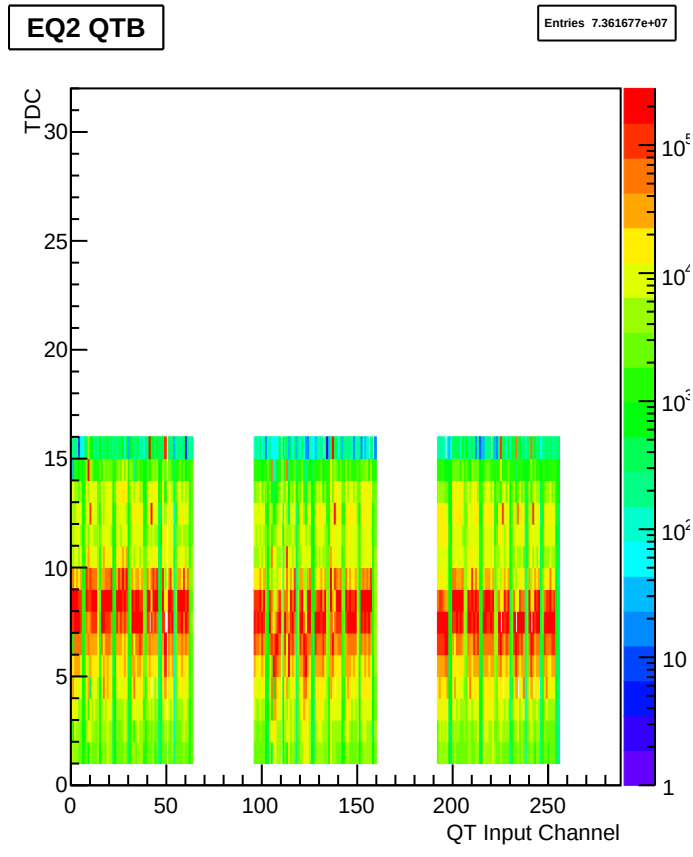

EQ1 QTB
Entries 2.158114e+08
ADC
QT Input Channel

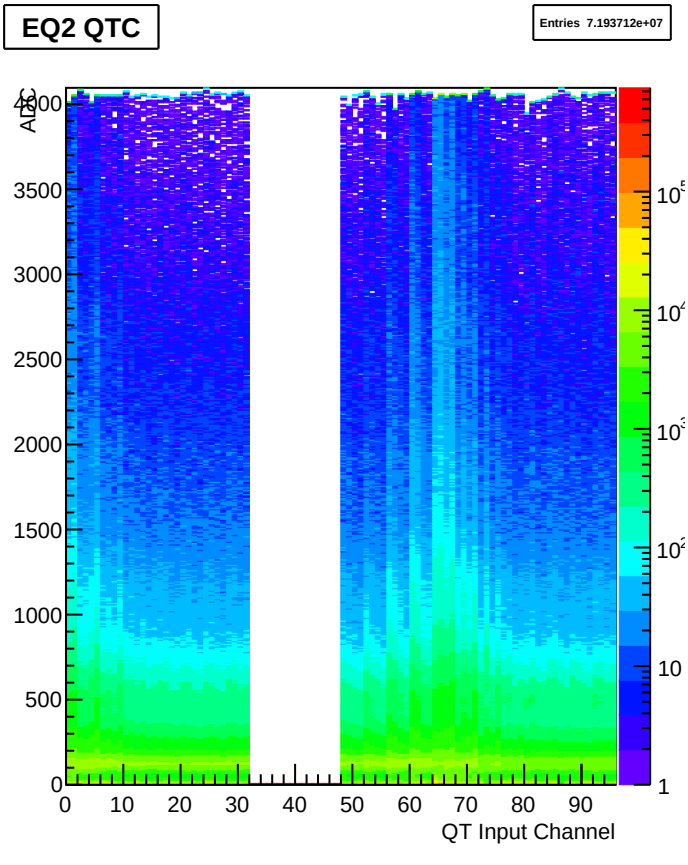

EQ1 QTB
Entries 6.822814e+07
TDC
QT Input Channel

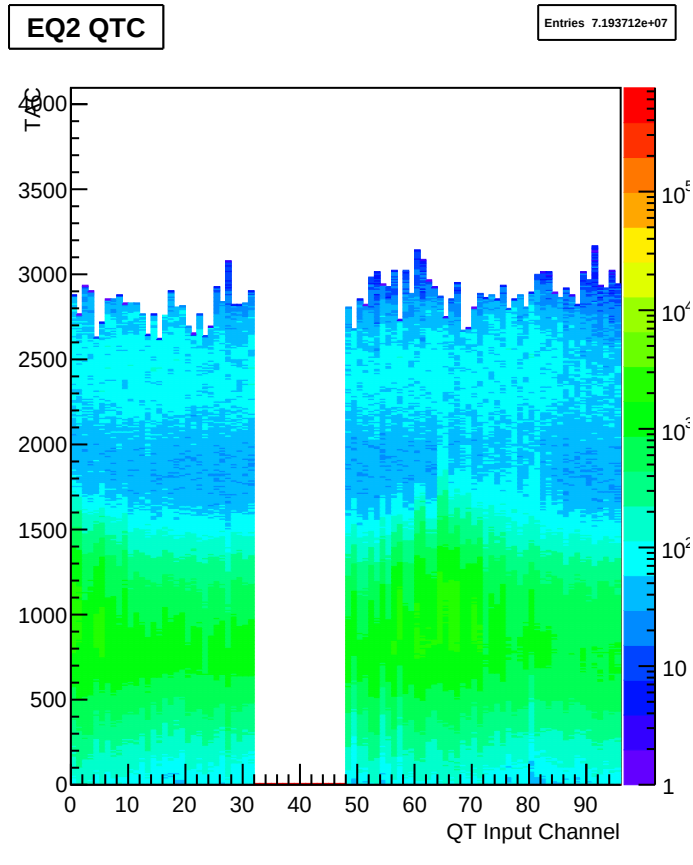

EQ1 QTC
Entries 7.193712e+07
ADC
QT Input Channel

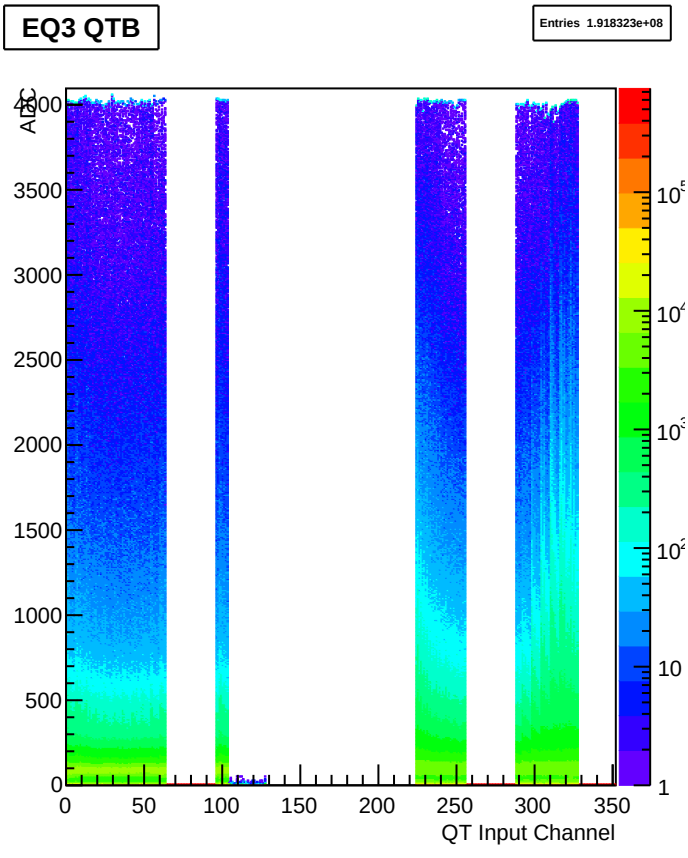

EQ1 QTC
Entries 7.193712e+07
TADC
QT Input Channel

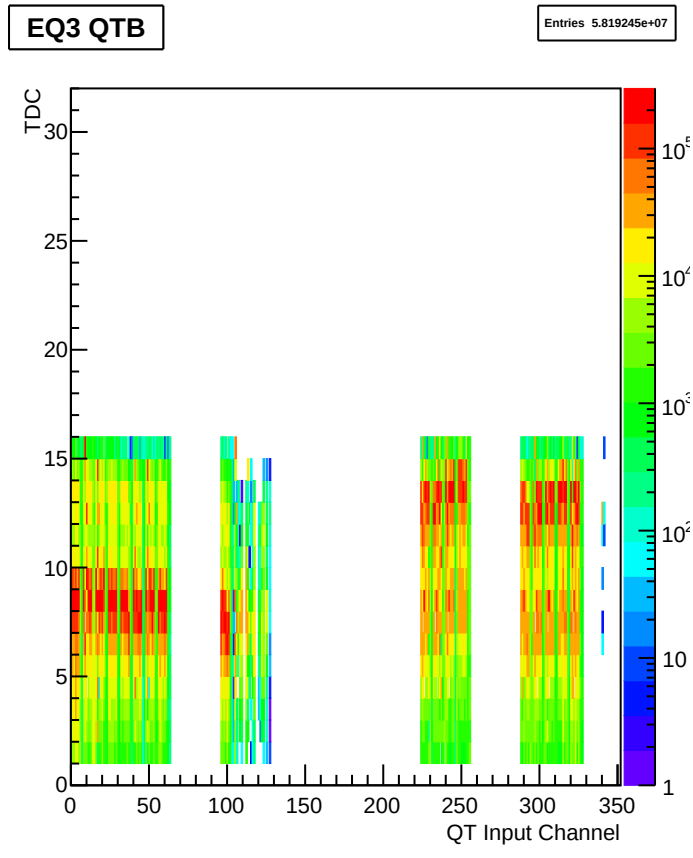

EQ2 QTB
Entries 2.158114e+08
ADC
QT Input Channel

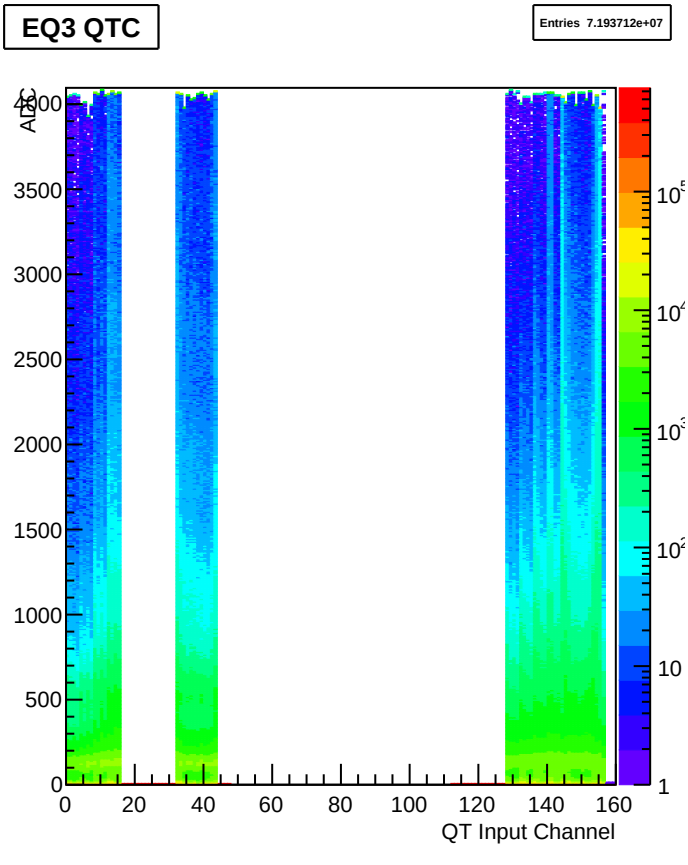

EQ2 QTB
Entries 7.361677e+07
TDC
QT Input Channel

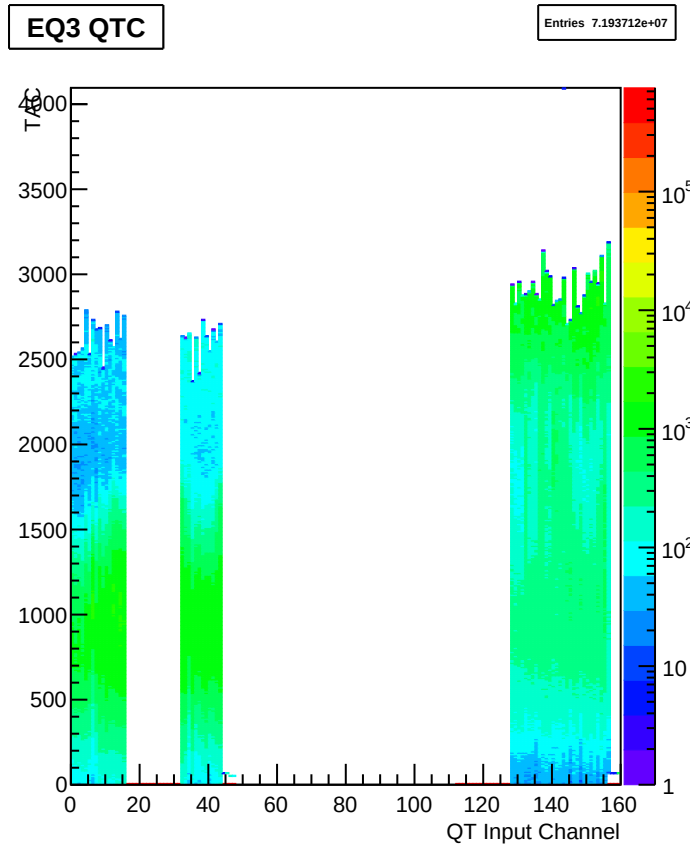

EQ2 QTC
Entries 7.193712e+07
ADC
QT Input Channel

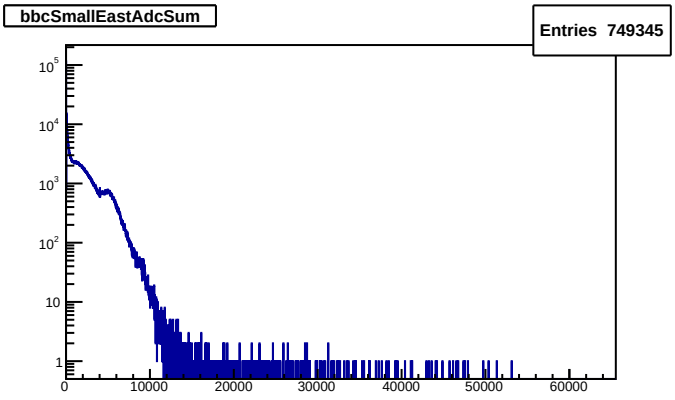

EQ2 QTC
Entries 7.193712e+07
TADC
QT Input Channel

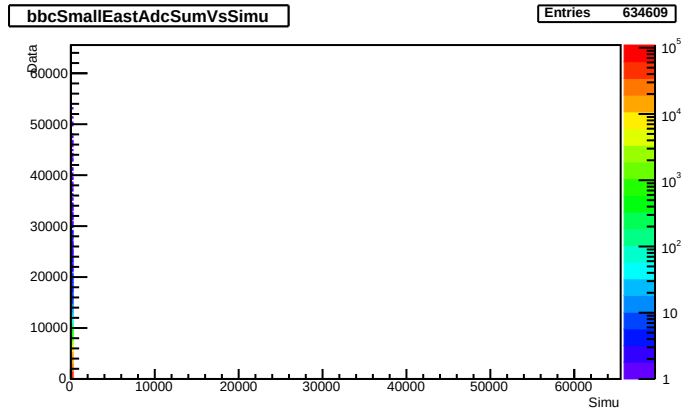

EQ3 QTB
Entries 1.918323e+08
ADC
QT Input Channel

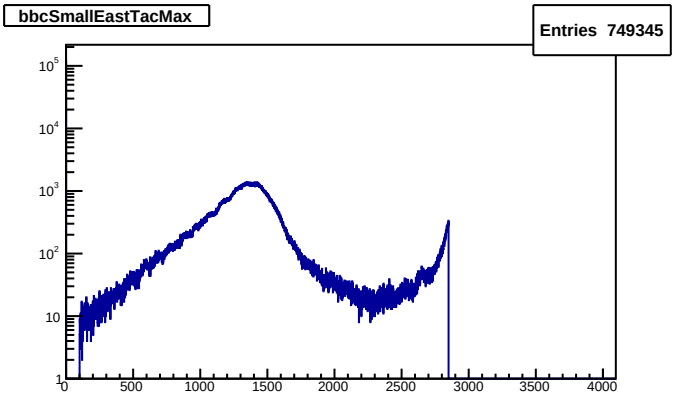

EQ3 QTB
Entries 5.819245e+07
TDC
QT Input Channel

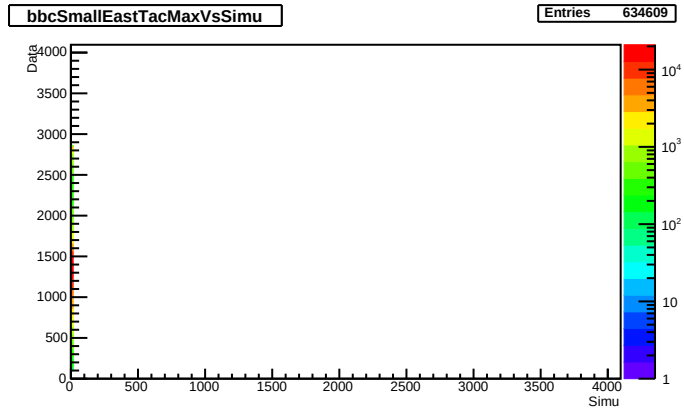

EQ3 QTC
Entries 7.193712e+07
ADC
QT Input Channel


EQ3 QTC
Entries 7.193712e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 749345


bbcSmallEastAdcSumVsSimu
Entries 634609
Data
Simu


bbcSmallEastTacMax
Entries 749345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Entries 634609
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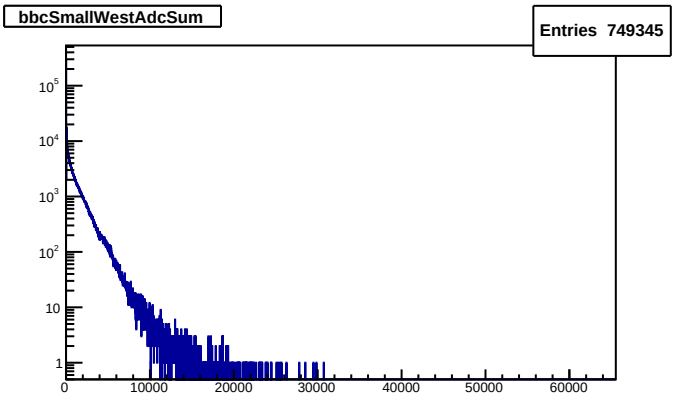
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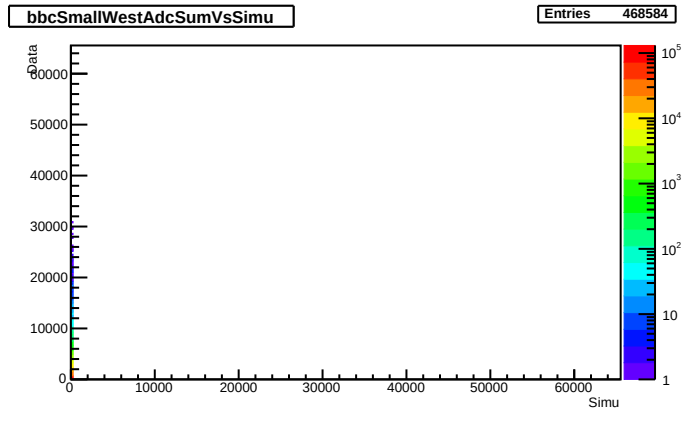
Entries 749345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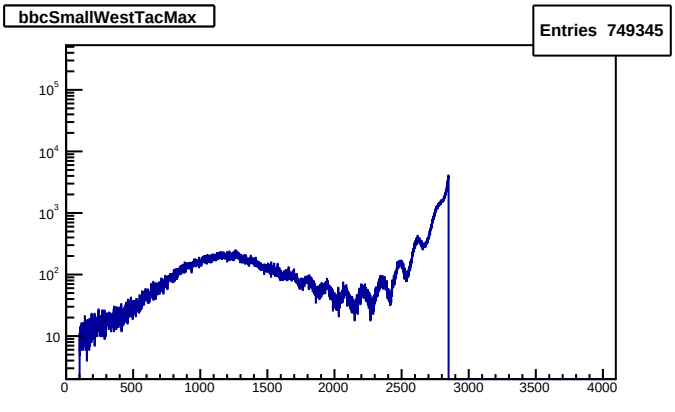
Entries 468584
Data
Simu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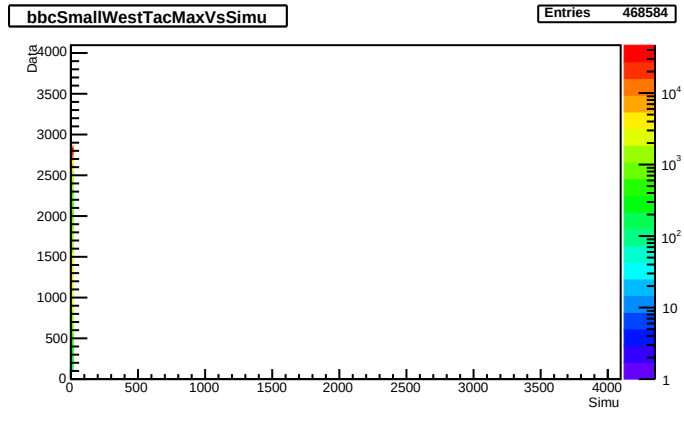
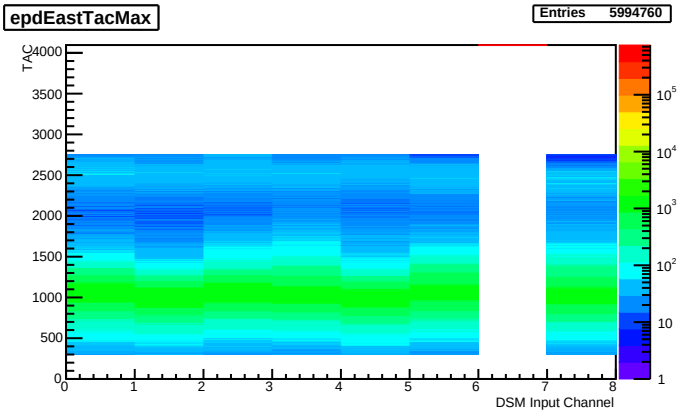
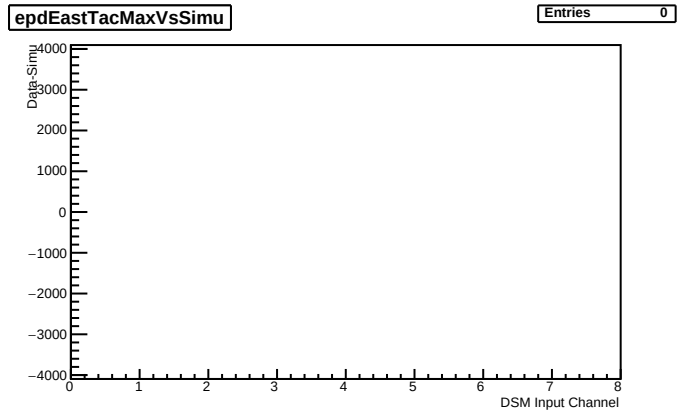
Entries 749345


bbcSmallWestTacMaxVsSimu
Entries 468584
Data
Simu


epdEastTacMax
Entries 5994760
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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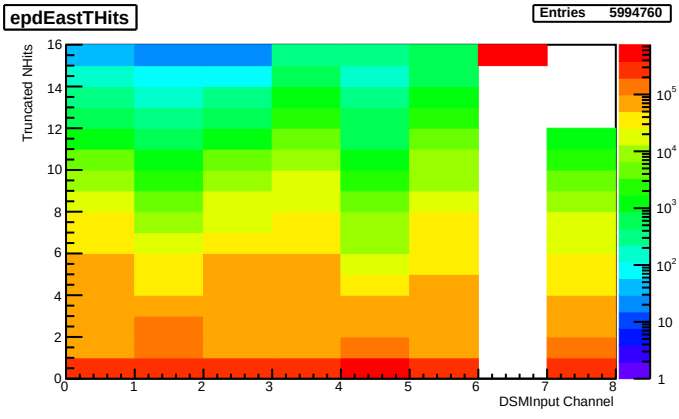
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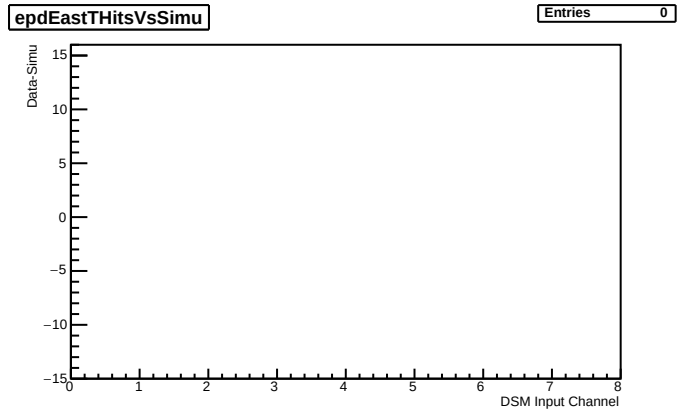
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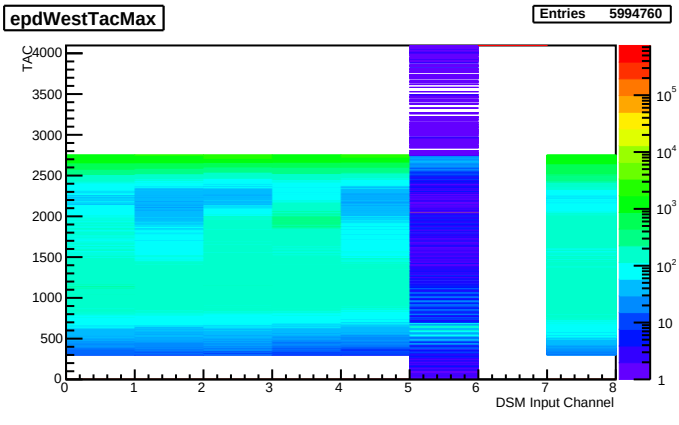
DSM Input Channel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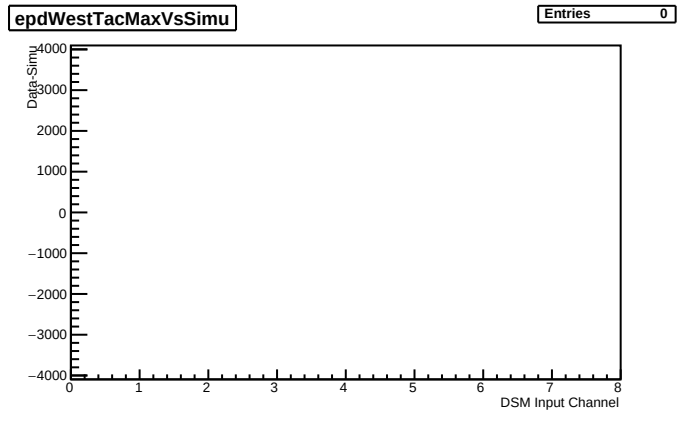
DSM Input Channel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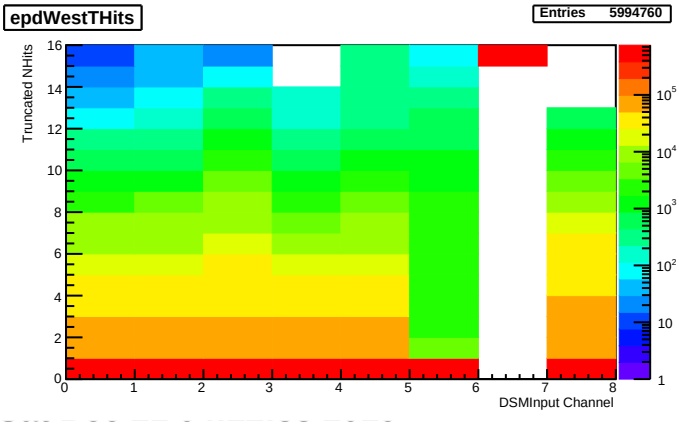
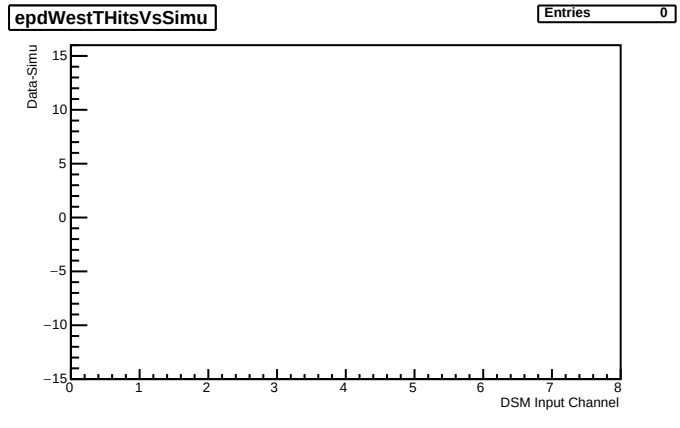
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5994760
Truncated NHits
DSMInput Channel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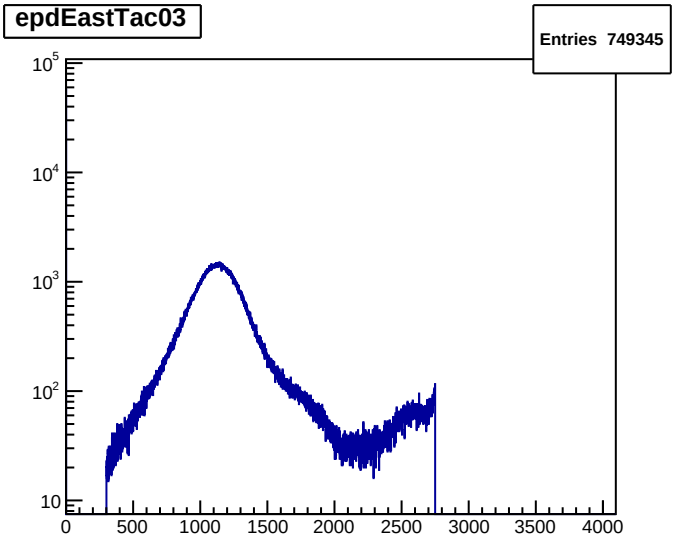
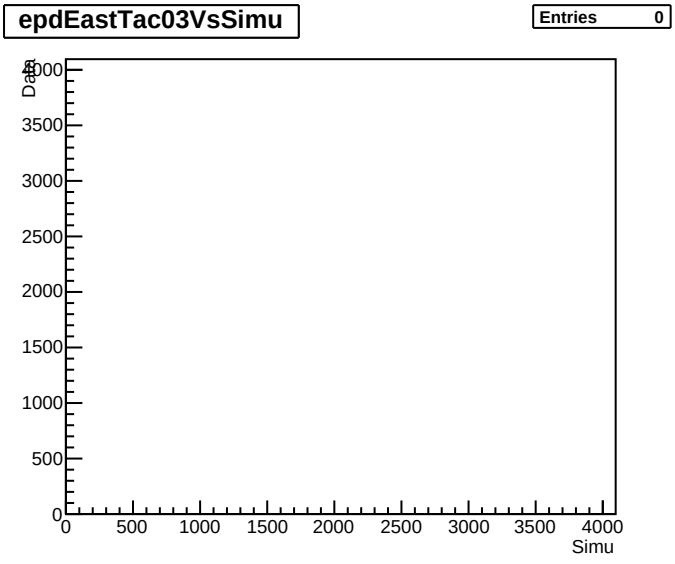
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 749345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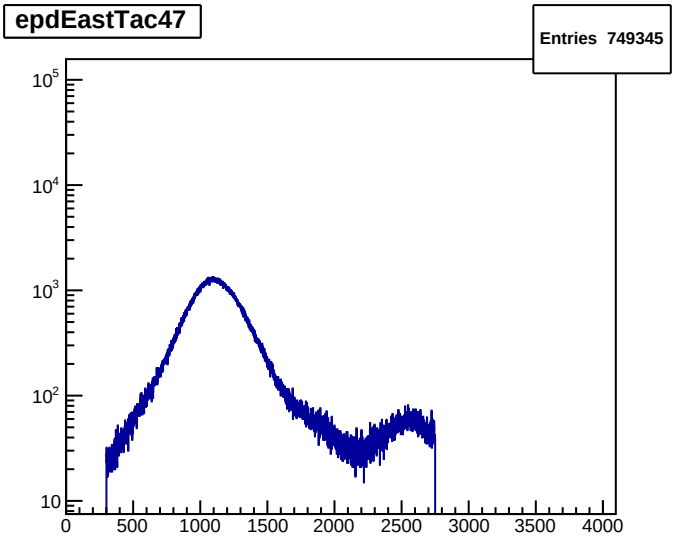
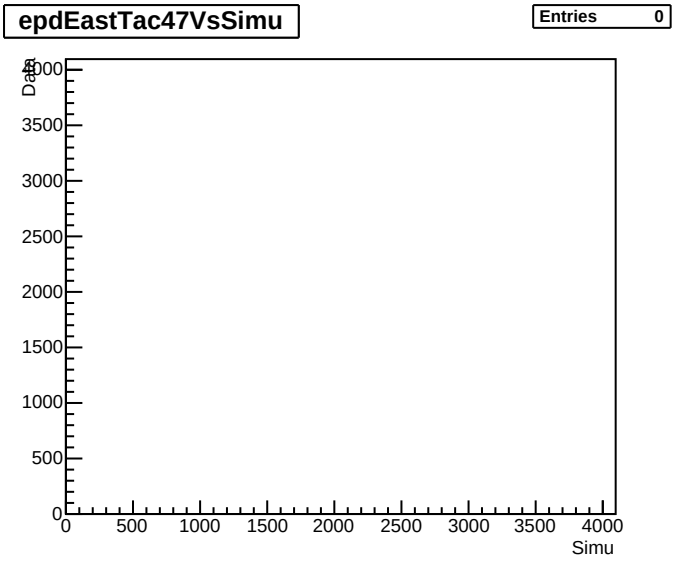
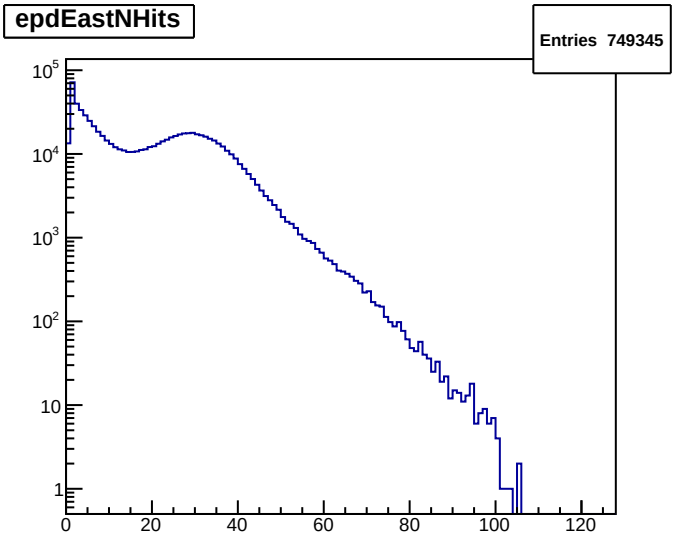
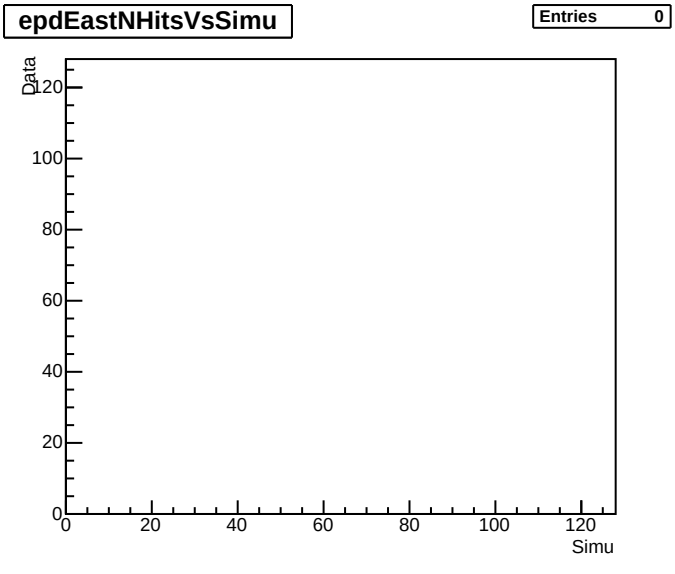
Entries 0
Data
Simu


epdEastTac47
Entries 749345


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 749345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Entries 0
Data
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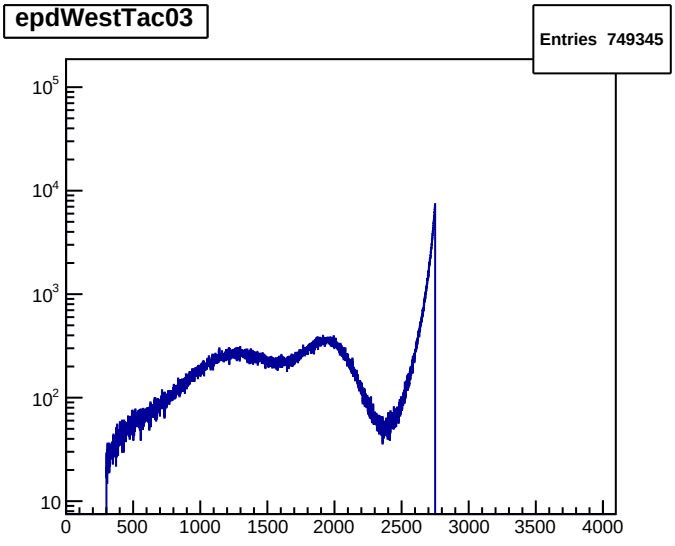
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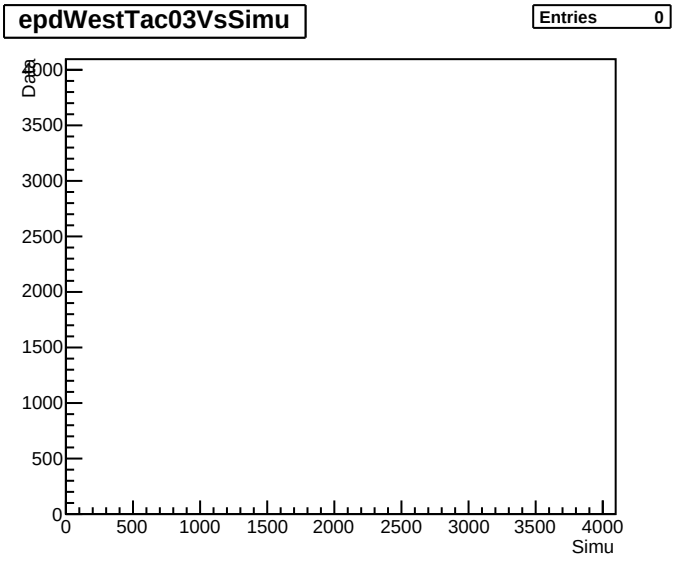
Entries 749345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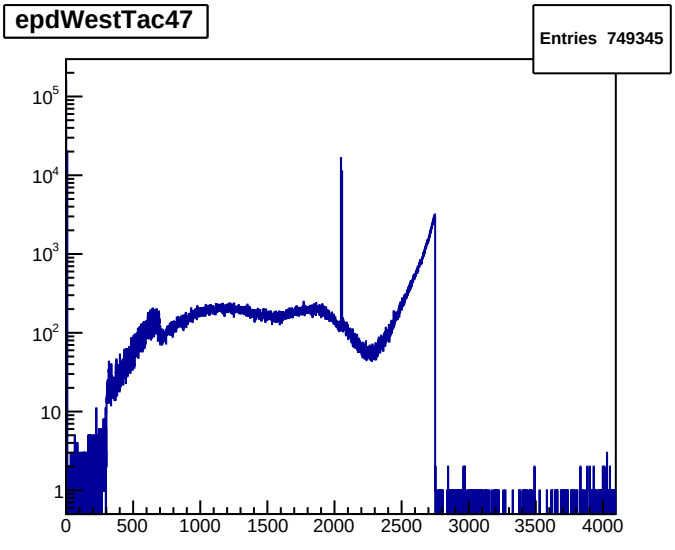
Entries 0
Data
Simu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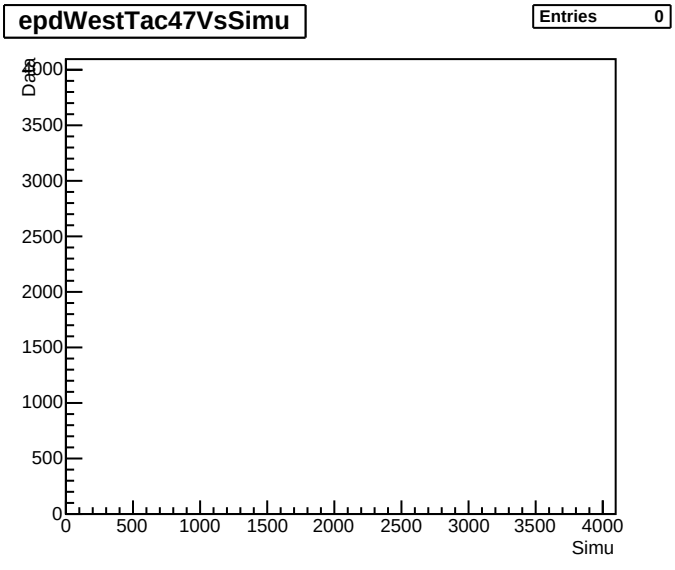
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Entries 0
Data
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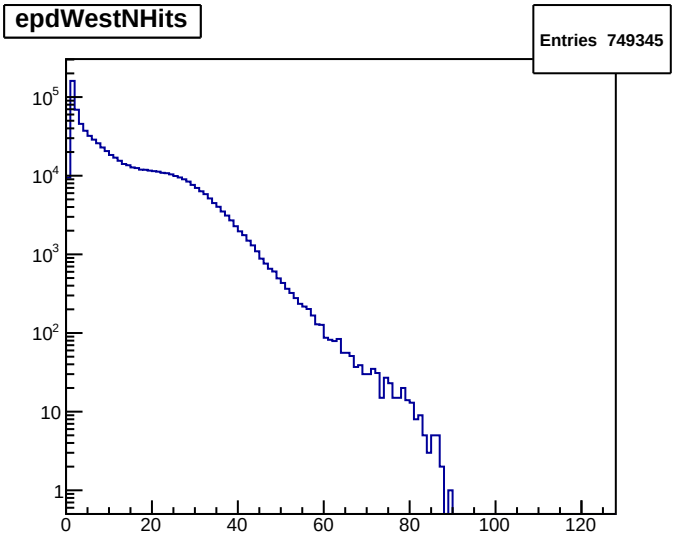
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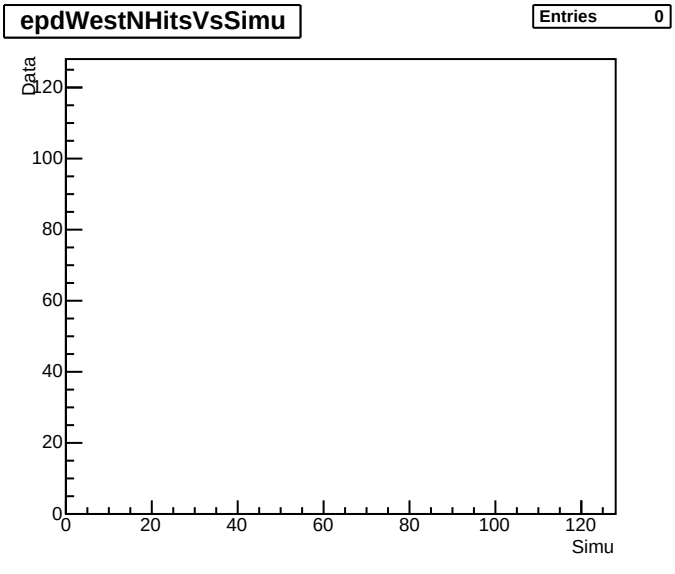
Entries 749345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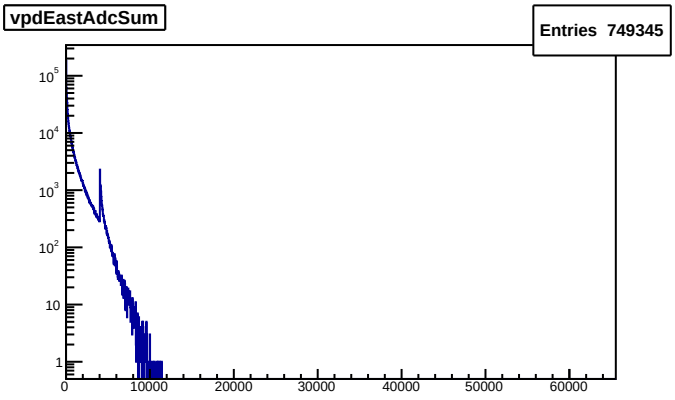
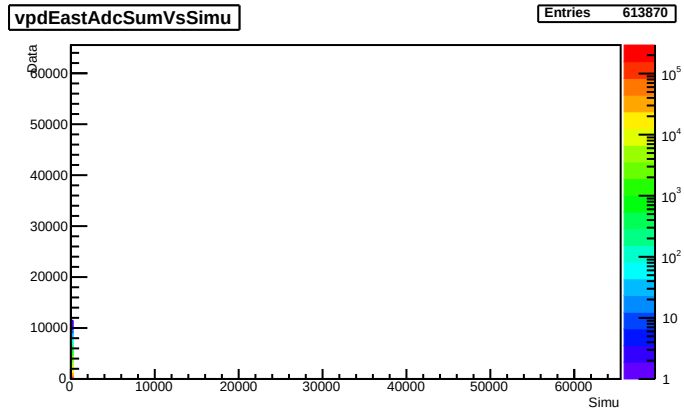
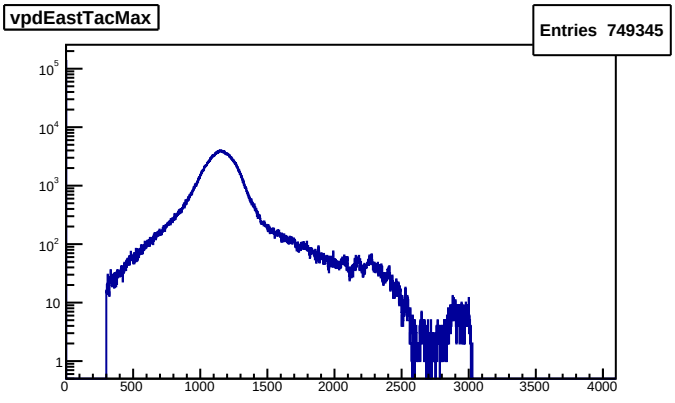
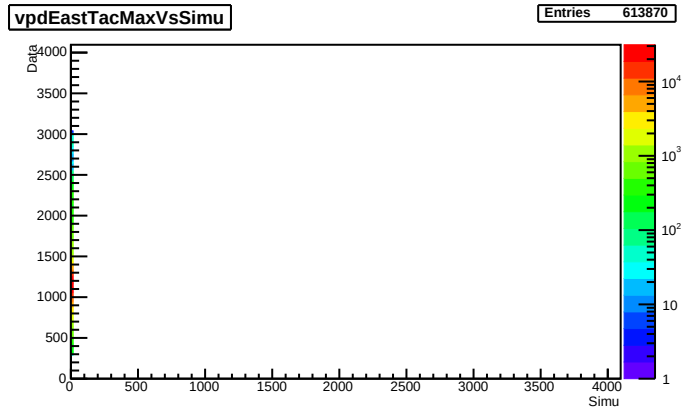
Entries 0
Data
Simu


vpdEastAdcSum
Entries 749345


vpdEastAdcSumVsSimu
Entries 613870
Data
Simu


vpdEastTacMax
Entries 749345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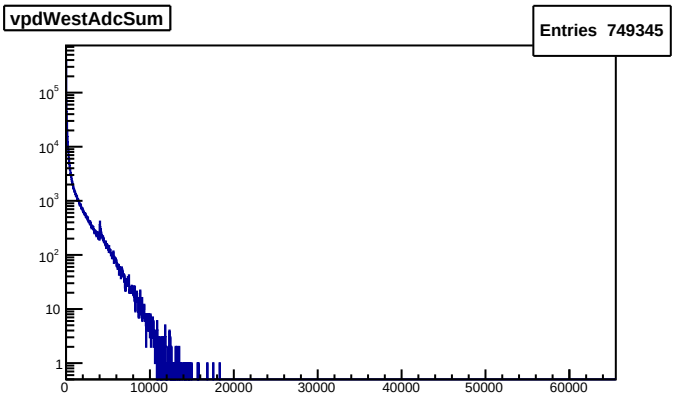
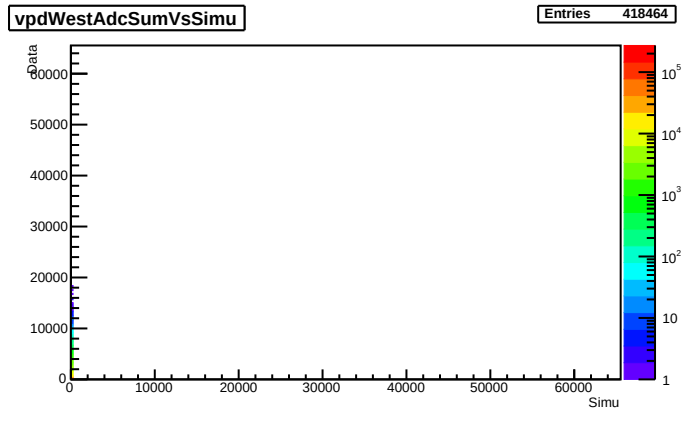
Entries 613870
Data
Simu


vpdWestAdcSum
Entries 749345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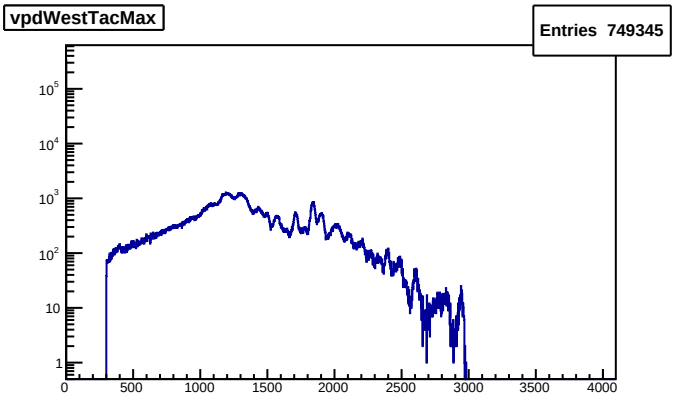
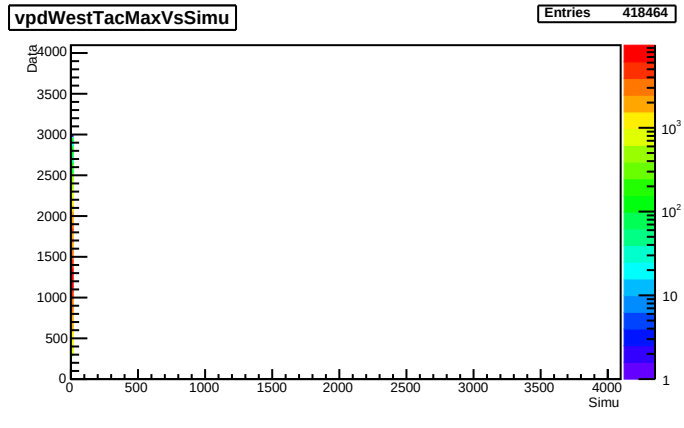
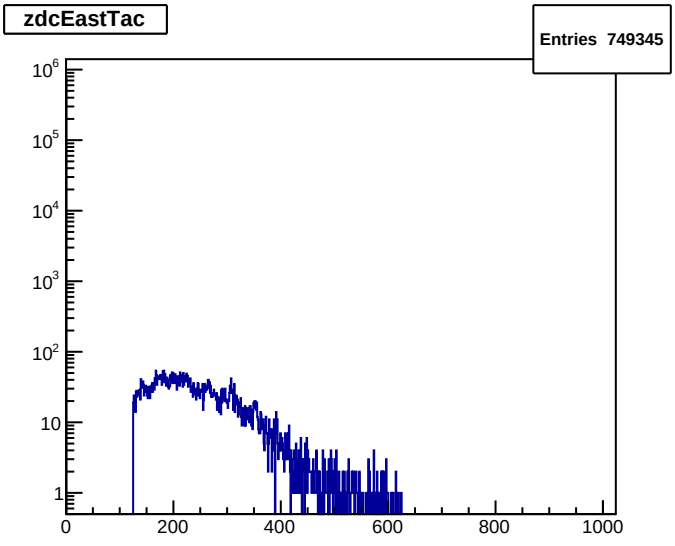
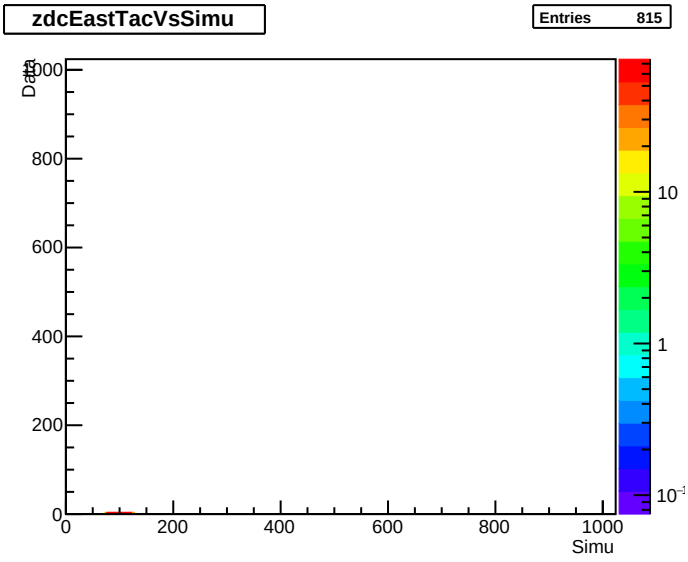
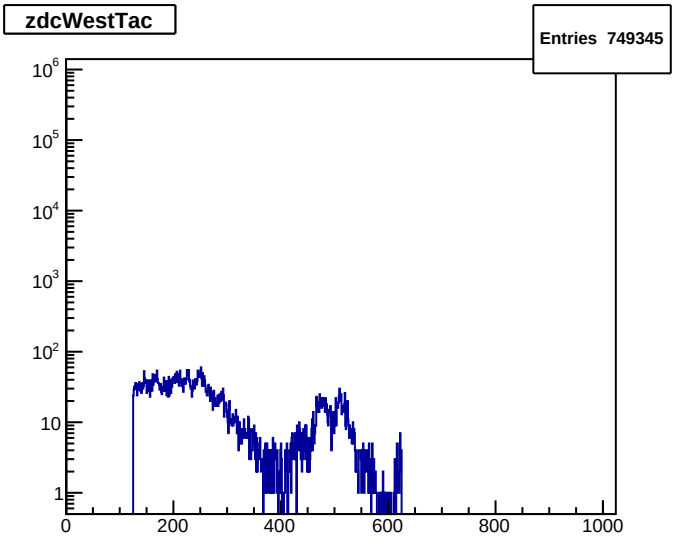
Entries 418464
Data
Simu

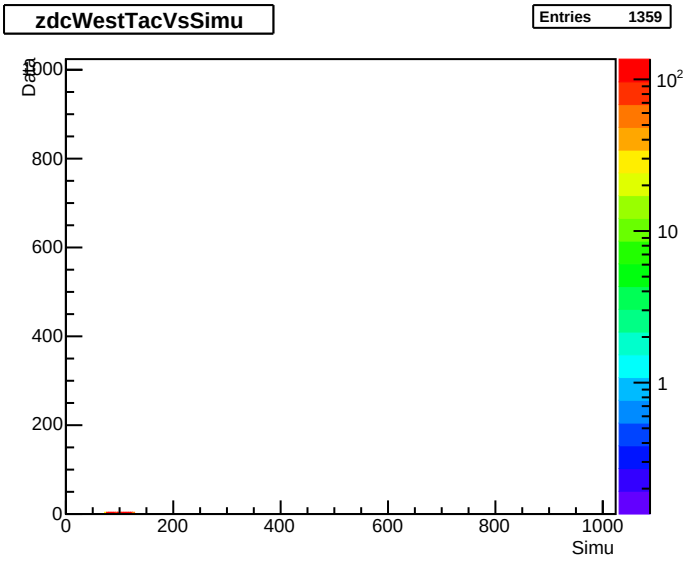

vpdWestTacMax
Entries 749345

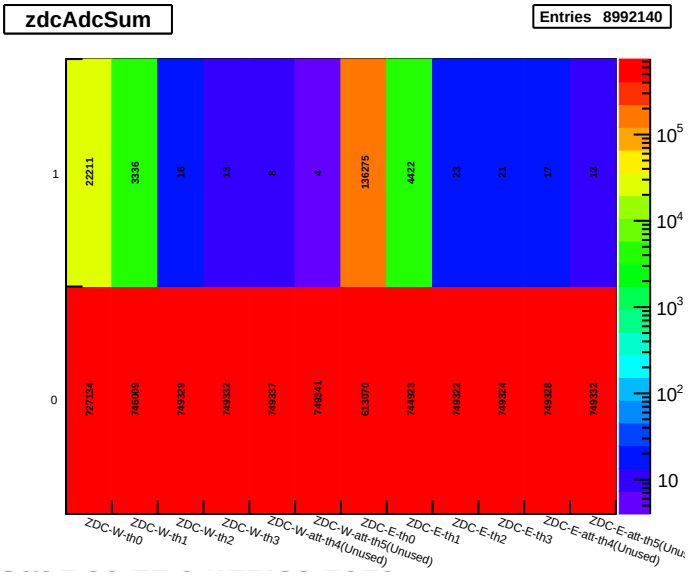

vpdWestTacMaxVsSimu
Entries 418464
Data
Simu

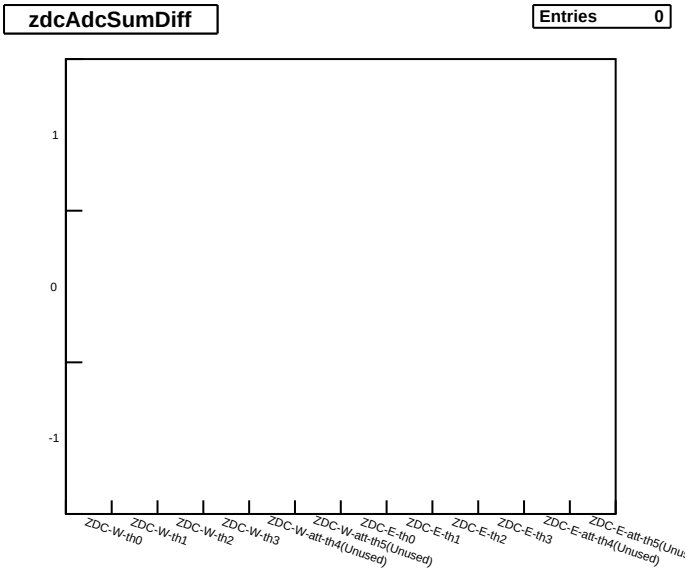

zdcEastTac
Entries 749345

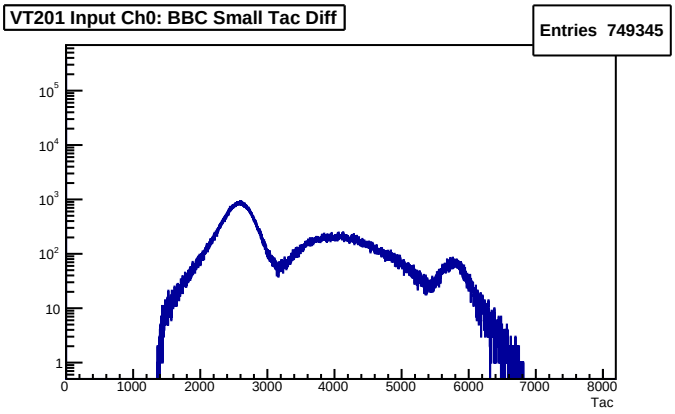

zdcEastTacVsSimu
Entries 815
Data
Simu

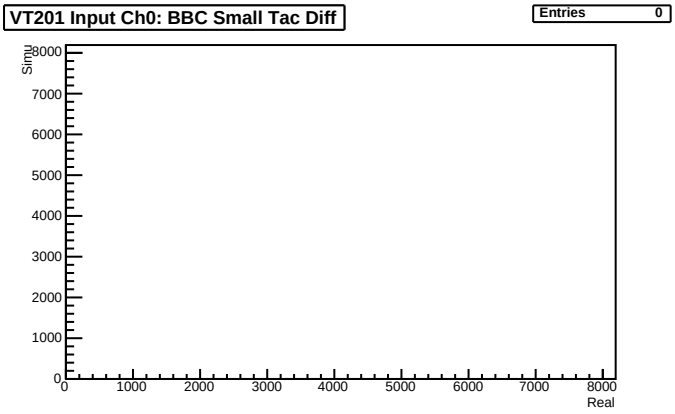

zdcWestTac
Entries 749345

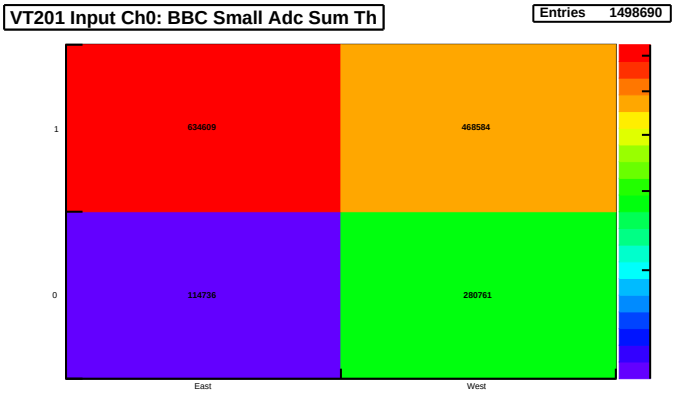

zdcWestTacVsSimu
Entries 1359
Data
Simu

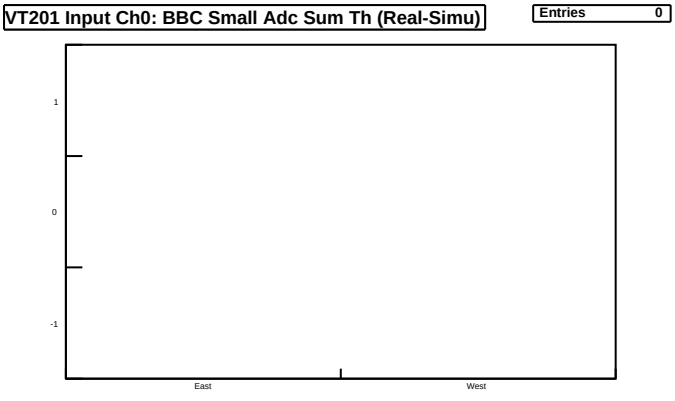

zdcAdcSum
Entries 8992140
22211
3336
16
13
8
4
136275
4422
23
21
17
13
727134
746009
749329
749332
749337
749341
613070
744923
749322
749324
749328
749332
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

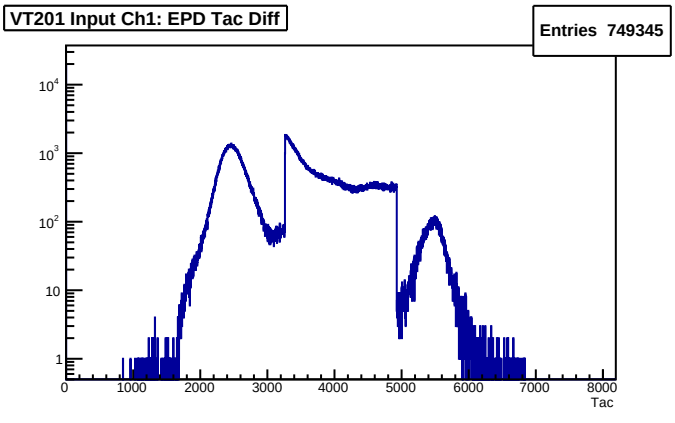

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

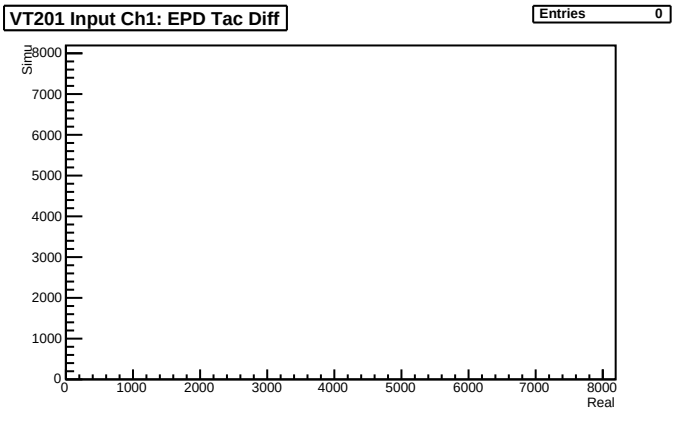

VT201 Input Ch0: BBC Small Tac Diff
Entries 749345
Tac

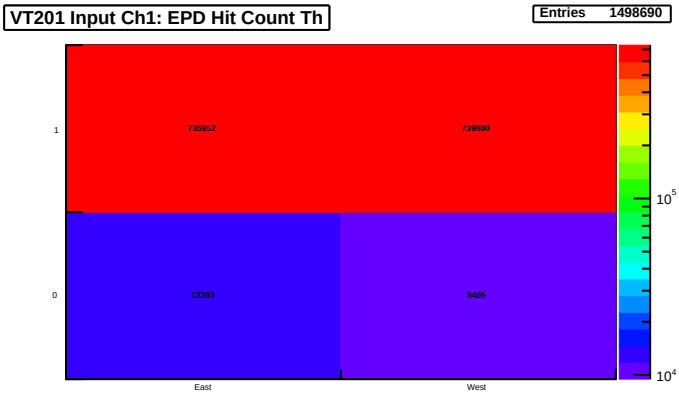

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

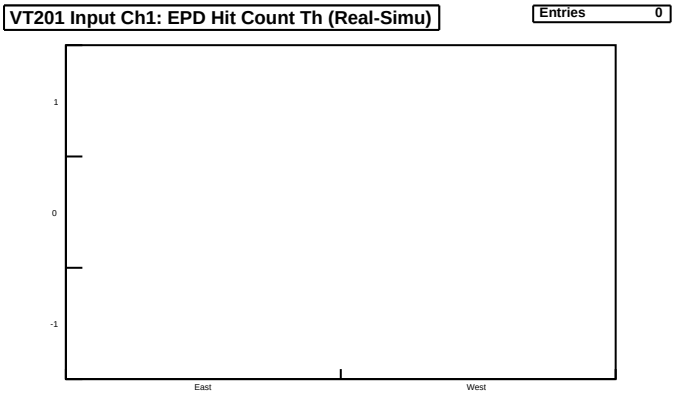

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1498690
634609
468584
114736
280761
East
West

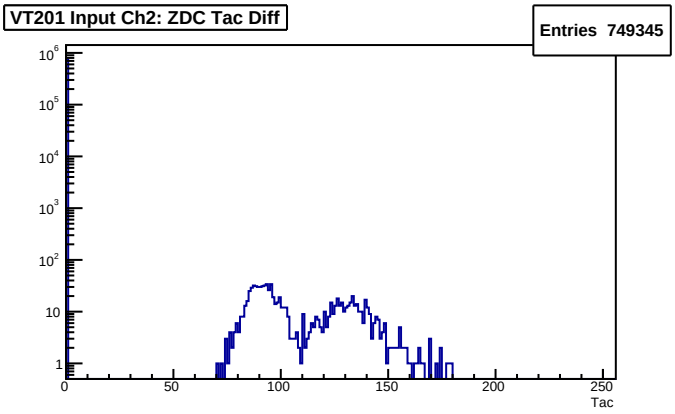

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

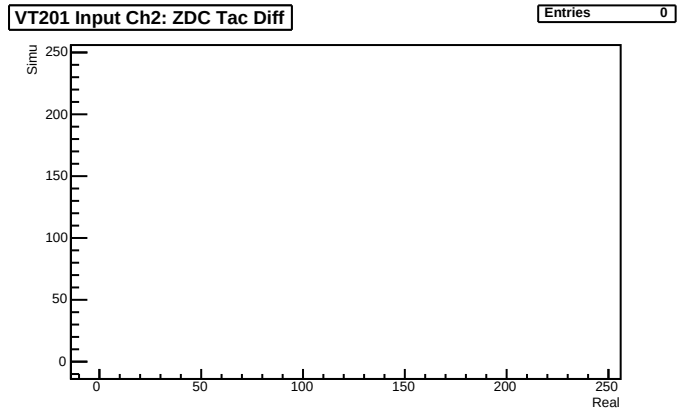

VT201 Input Ch1: EPD Tac Diff
Entries 749345
Tac

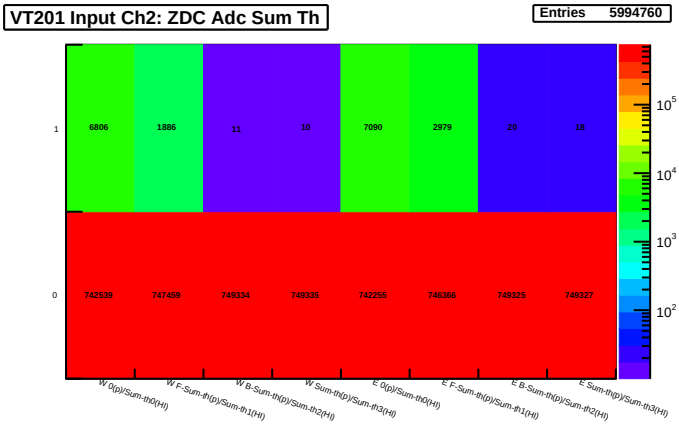

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

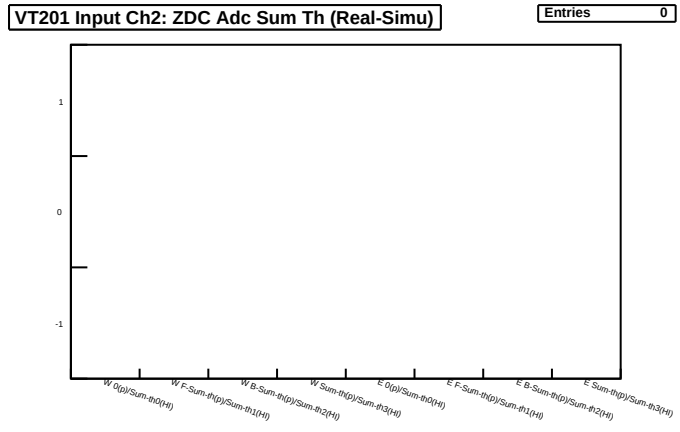

VT201 Input Ch1: EPD Hit Count Th
Entries 1498690
735952
739880
13393
9465
East
West

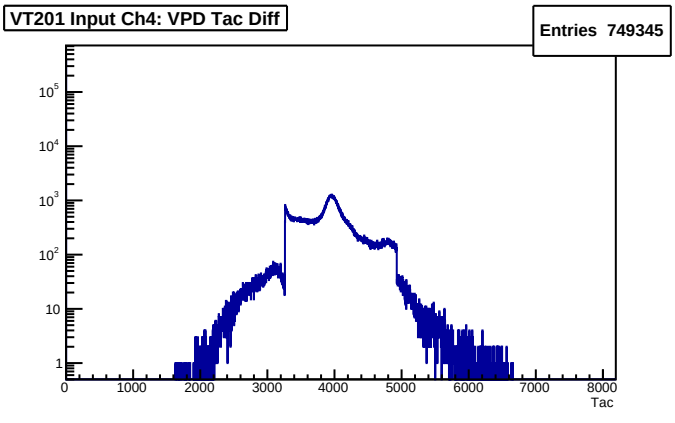

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

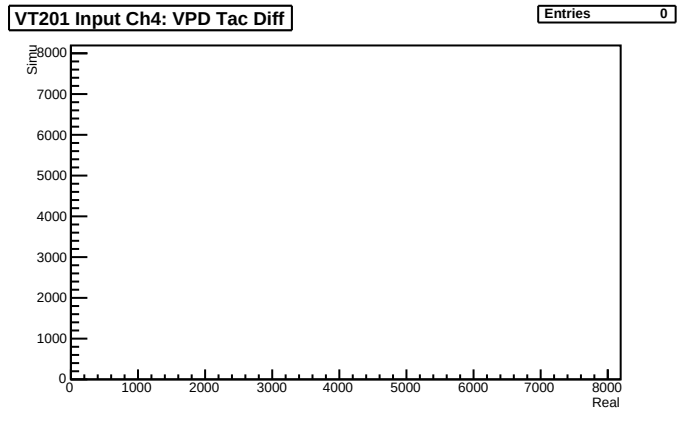

VT201 Input Ch2: ZDC Tac Diff
Entries 749345
Tac

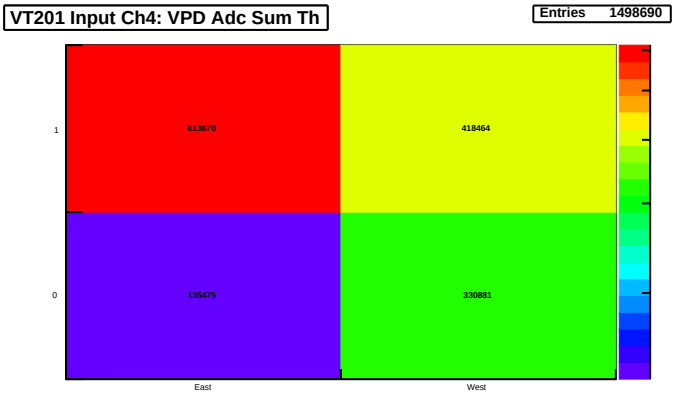

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

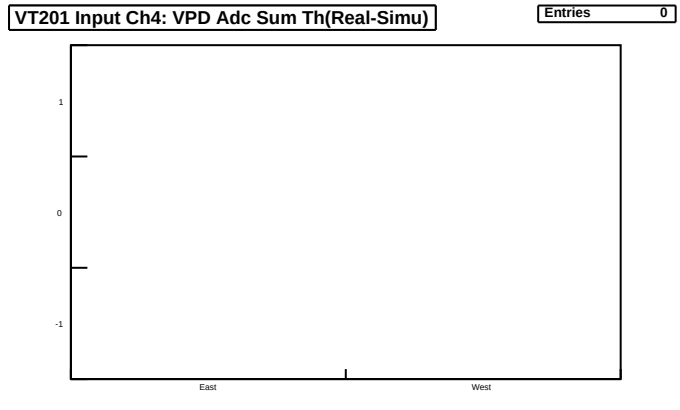

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5994760
6806
1886
11
10
7090
2979
20
18
742539
747459
749334
749335
742255
746366
749325
749327
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

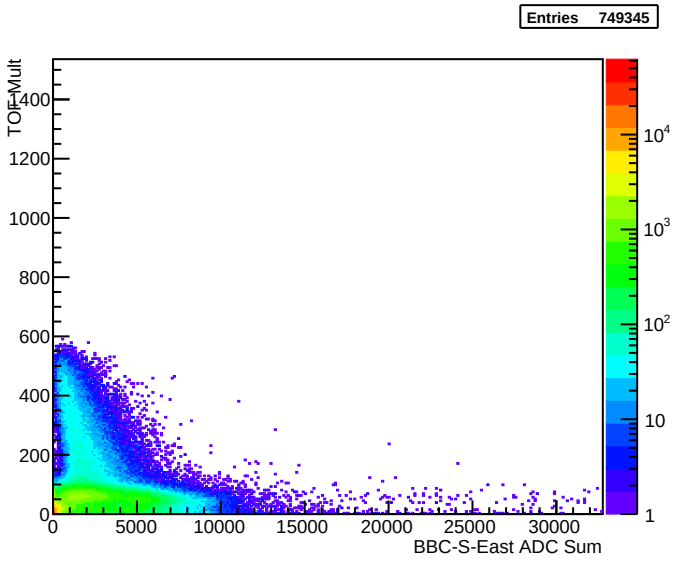

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

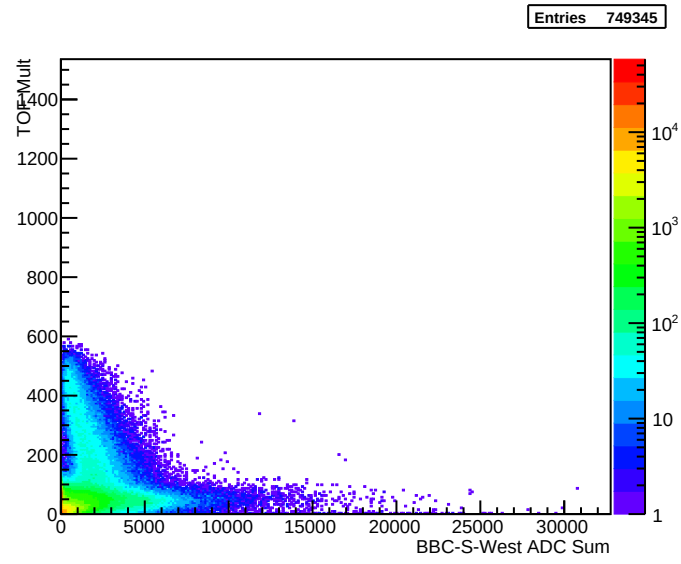

VT201 Input Ch4: VPD Tac Diff
Entries 749345
Tac

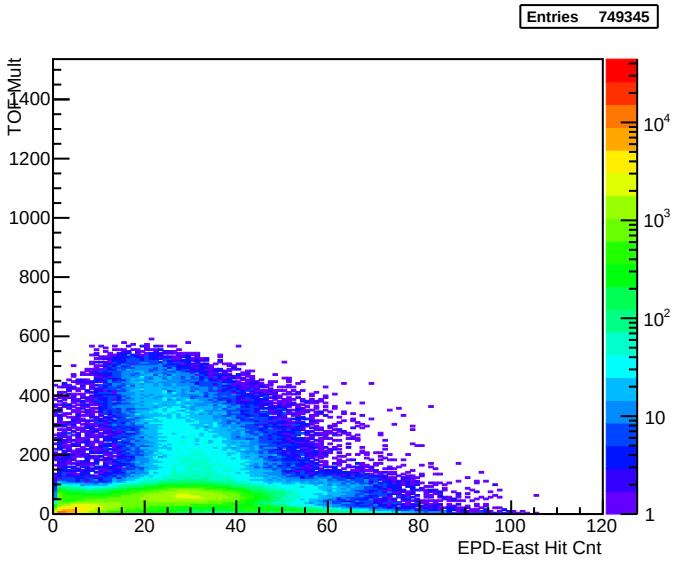

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

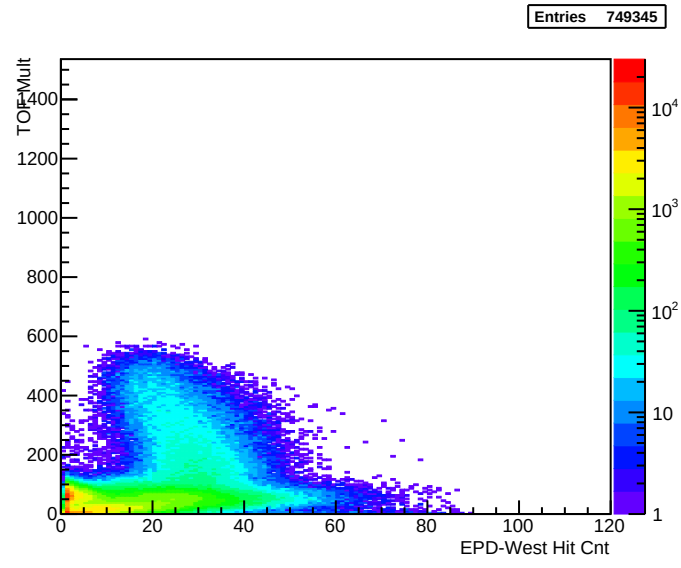

VT201 Input Ch4: VPD Adc Sum Th
Entries 1498690
613870
418464
135475
330881
East
West

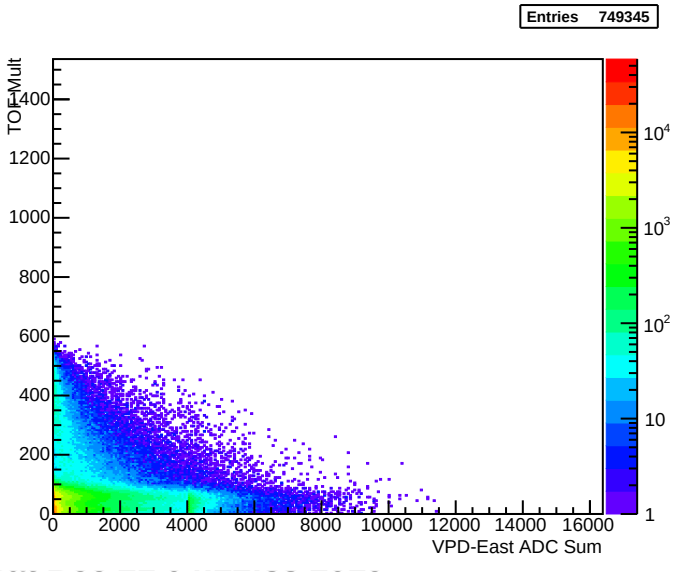

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

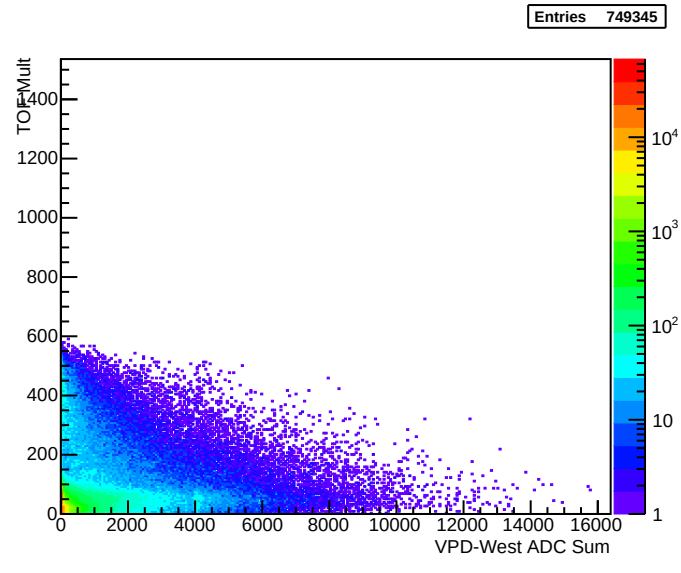

Entries 749345
TOF-Mult
BBC-S-East ADC Sum

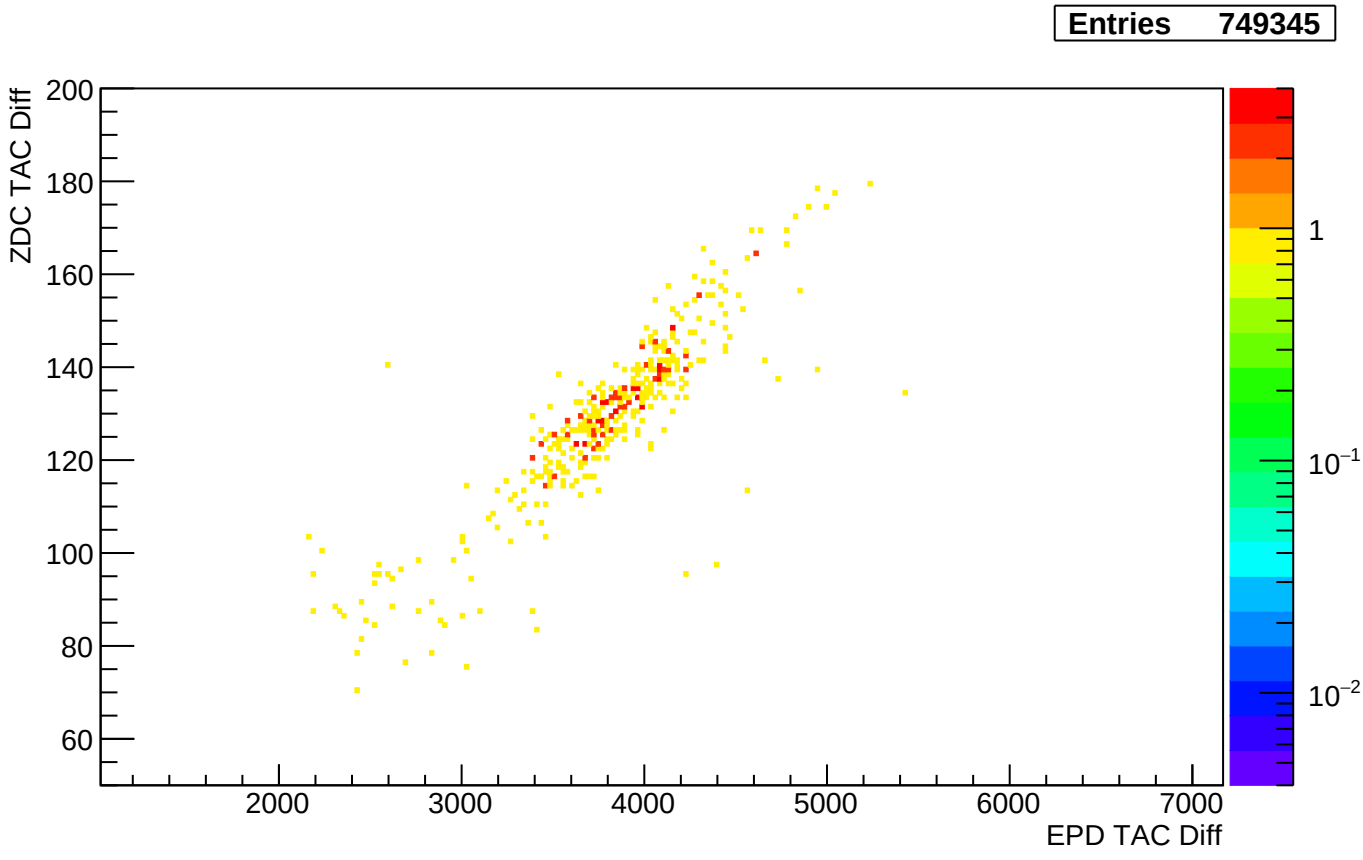

Entries 749345
TOF-Mult
BBC-S-West ADC Sum

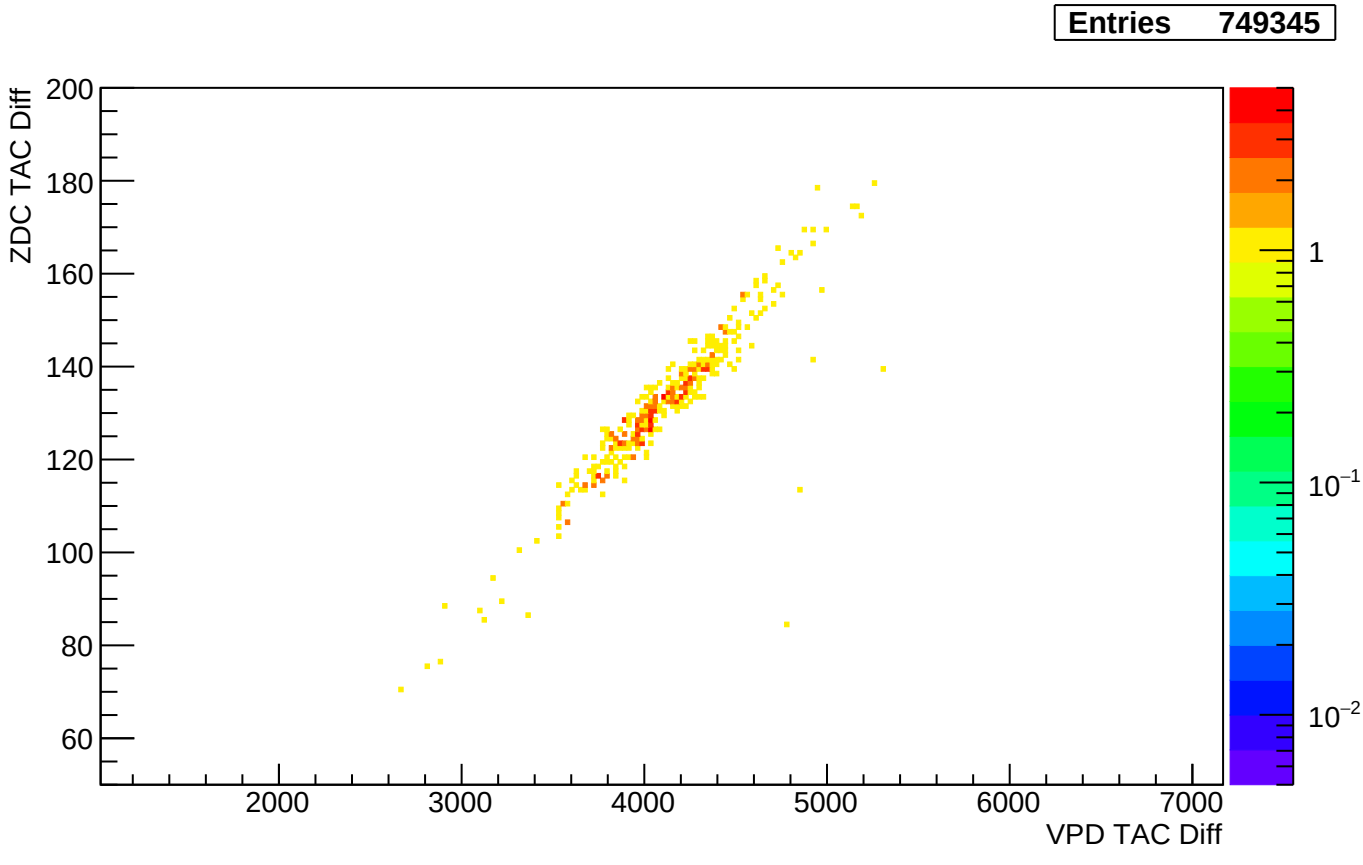

Entries 749345
TOF-Mult
EPD-East Hit Cnt

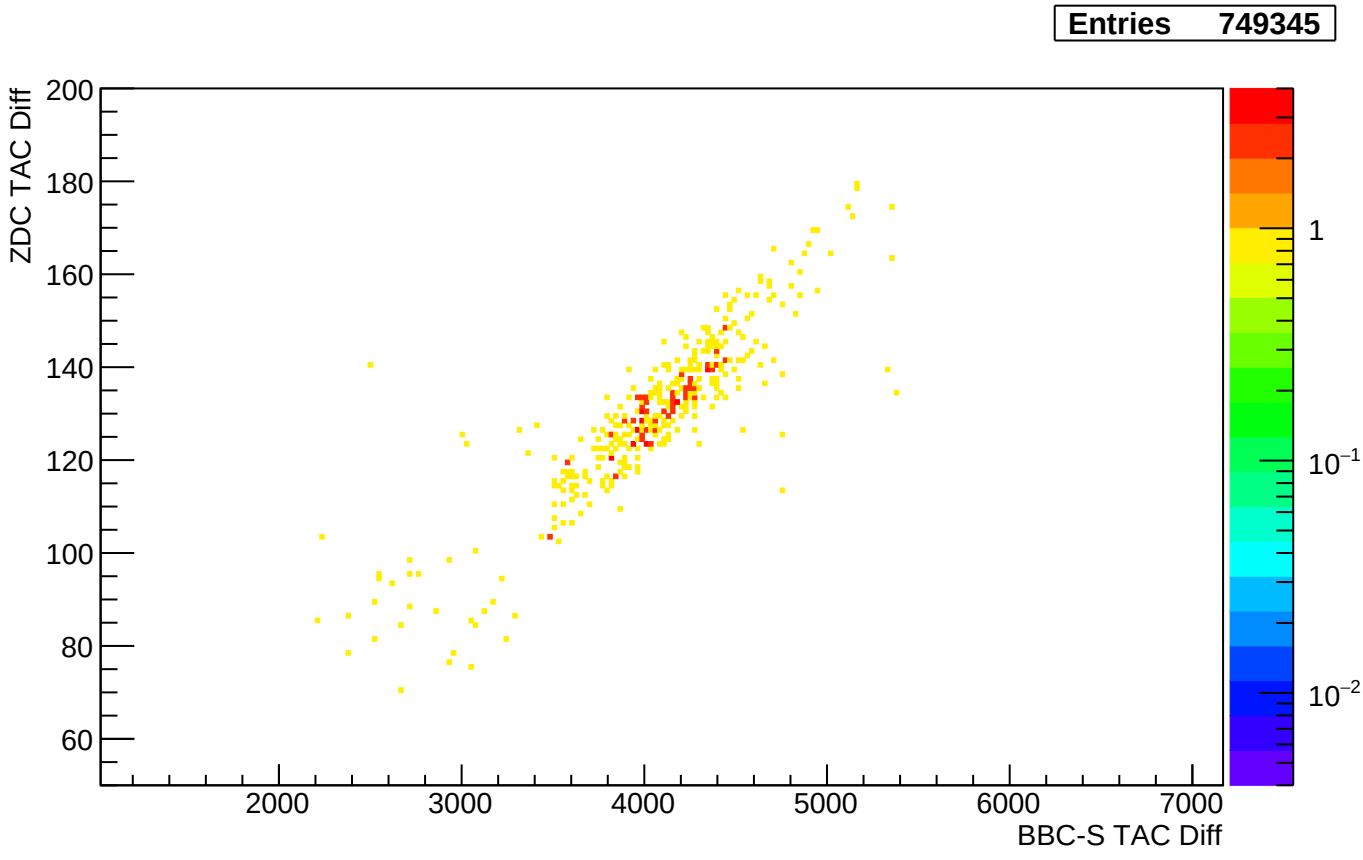

Entries 749345
TOF-Mult
EPD-West Hit Cnt

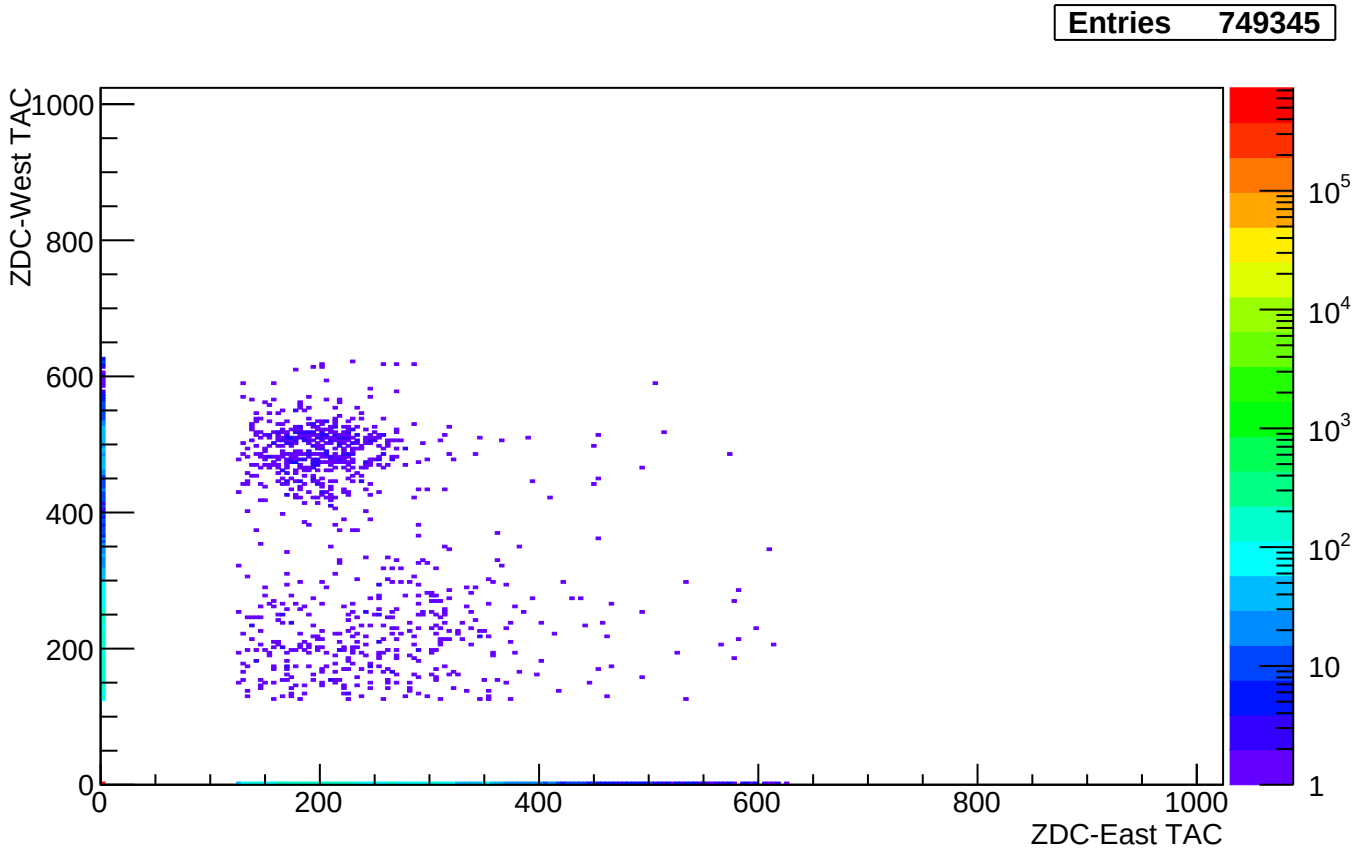

Entries 749345
TOF-Mult
VPD-East ADC Sum

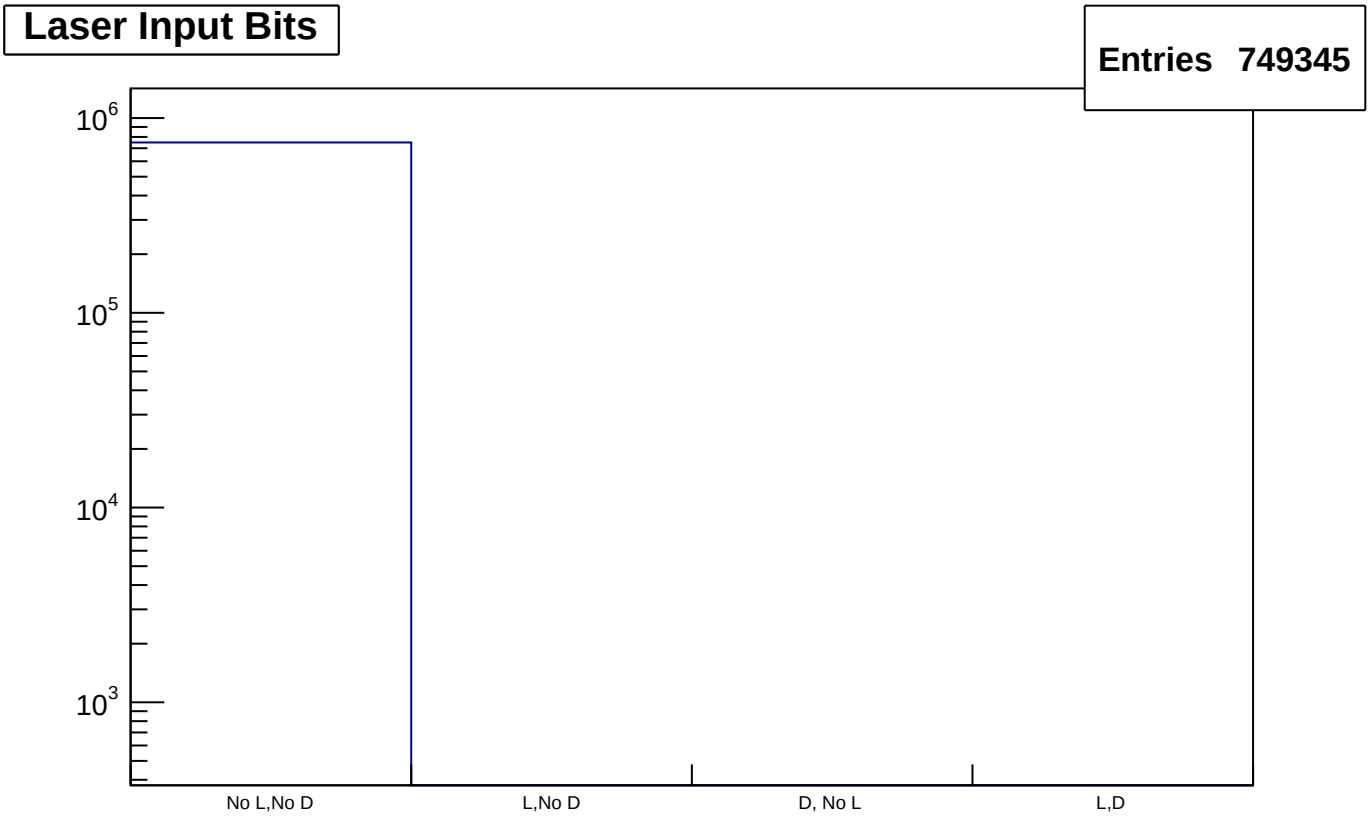

Entries 749345
TOF-Mult
VPD-West ADC Sum

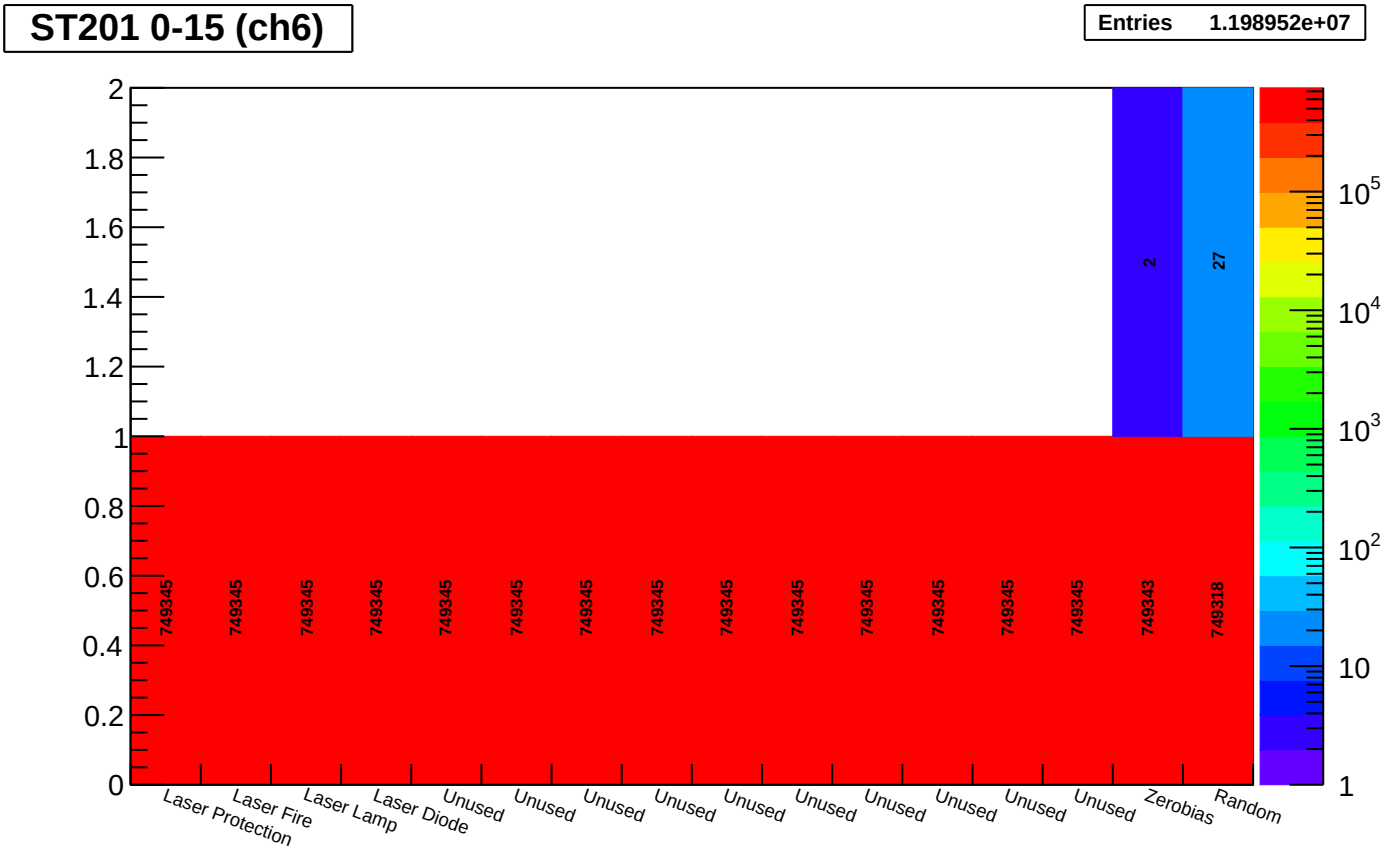

Entries 749345
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

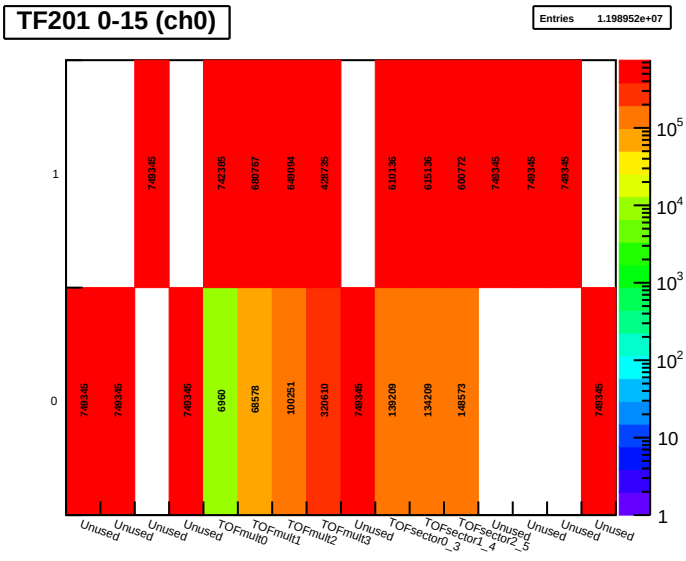

Entries 749345
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

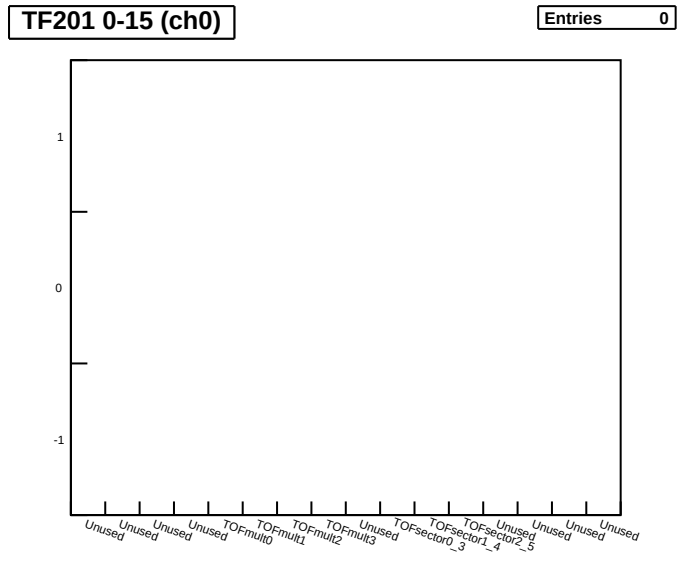

Entries 749345
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

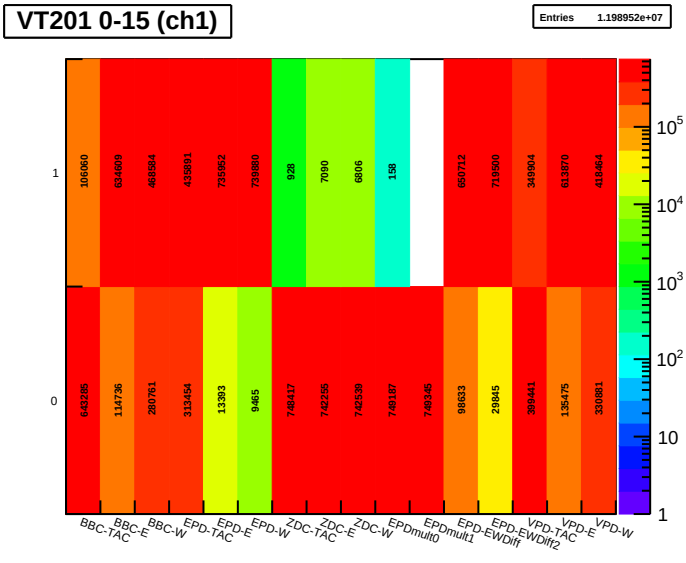

Entries 749345
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

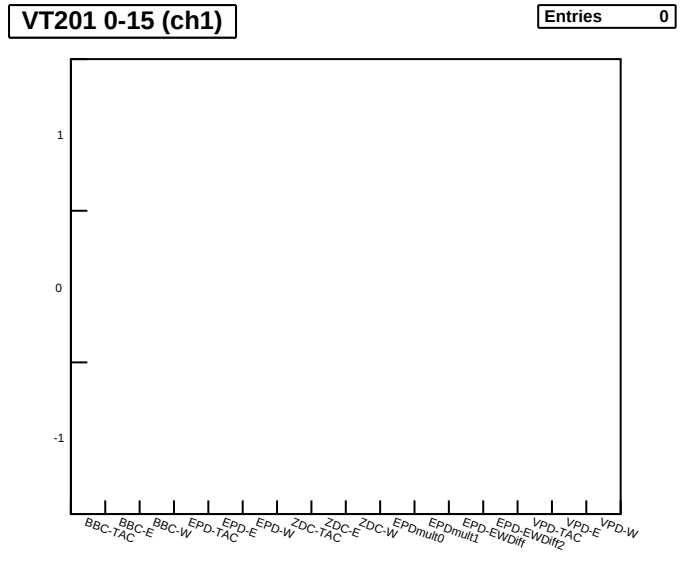

Laser Input Bits
Entries 749345
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

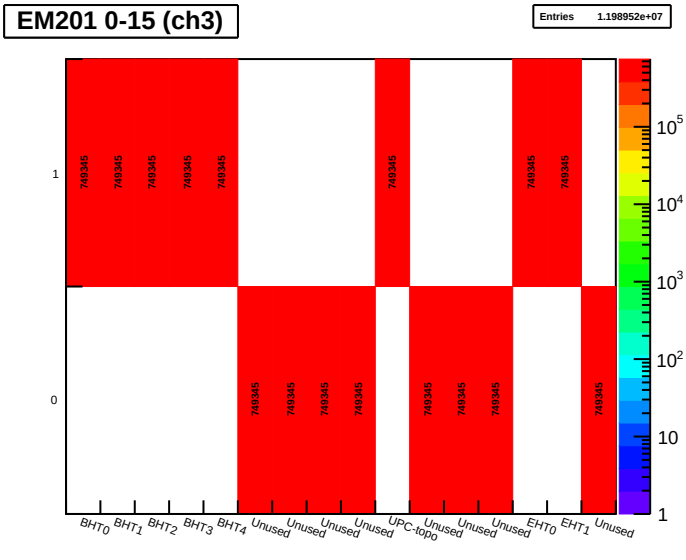

ST201 0-15 (ch6)
Entries 1.198952e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
749345
749345
749345
749345
749345
749345
749345
749345
749345
749345
749345
749345
749345
749345
749343
749318
2
27
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

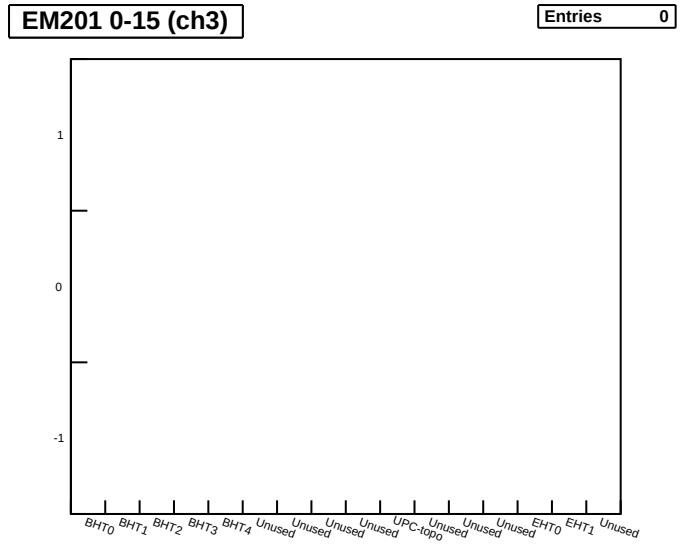

TF201 0-15 (ch0)
Entries 1.198952e+07
1
0
749345 742385 680767 648094 428735 610136 615136 600772 749345 749345 749345
749345 749345 749345 6960 68578 100251 320610 749345 139209 134209 148573 749345
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 1.198952e+07
1
0
106060 634689 468584 438891 735952 739880 928 7090 6806 158 650712 719500 349904 613870 418464
643285 114736 280761 313454 13393 9465 748417 742255 742539 749187 749345 98633 29845 393441 135475 330881
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
10^5 10^4 10^3 10^2 10 1


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


EM201 0-15 (ch3)
Entries 1.198952e+07
1
0
749345 749345 749345 749345 749345 749345 749345 749345
749345 749345 749345 749345 749345 749345 749345 749345
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