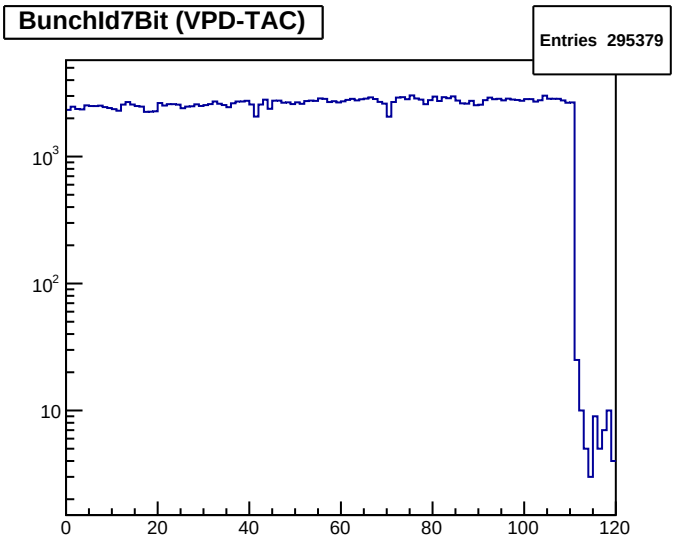
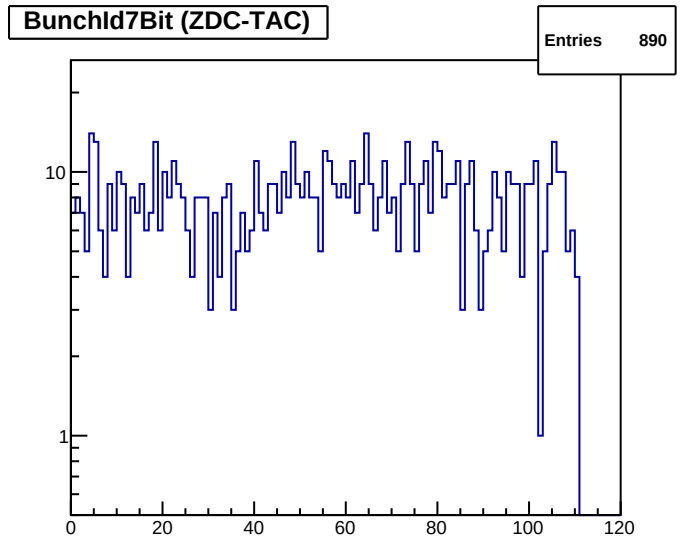
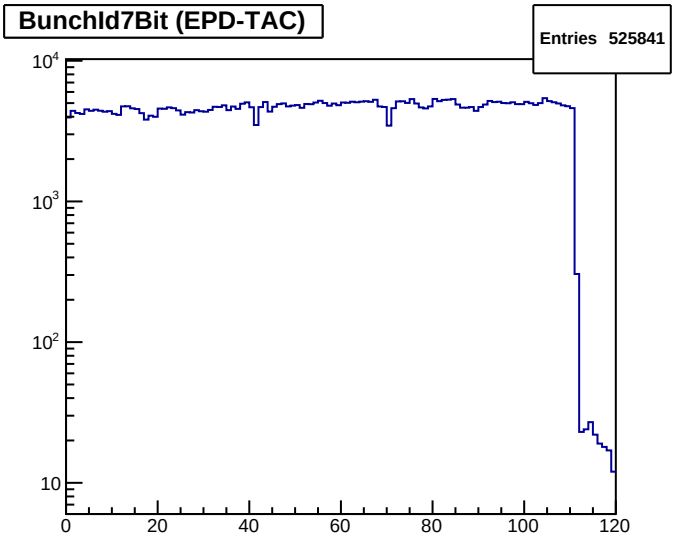
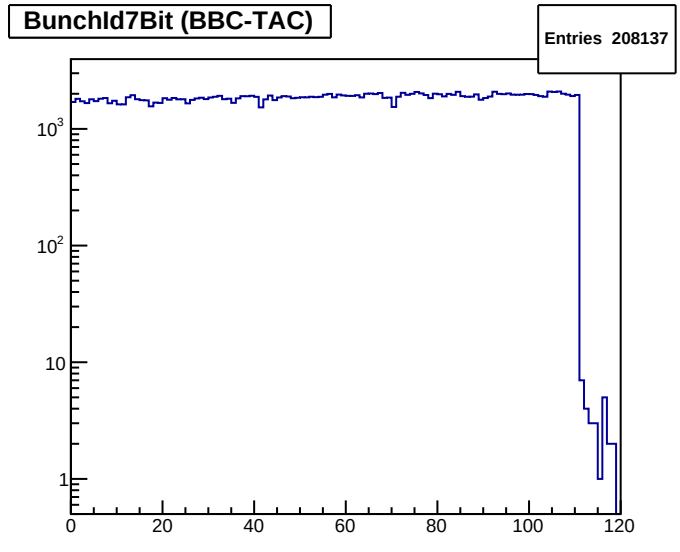
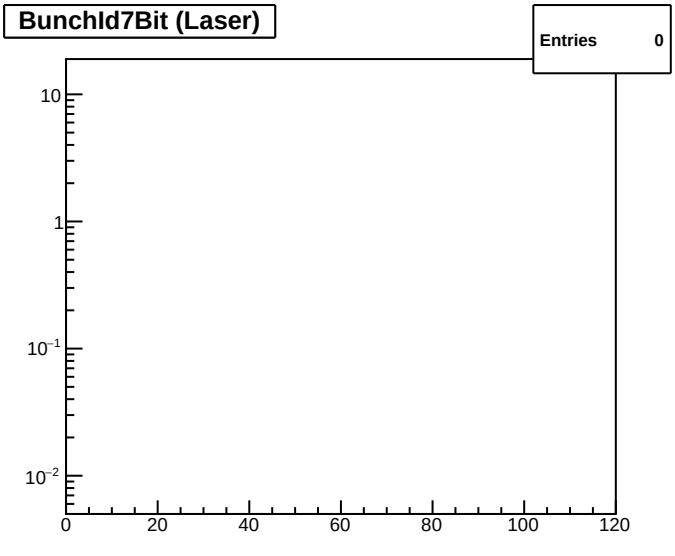
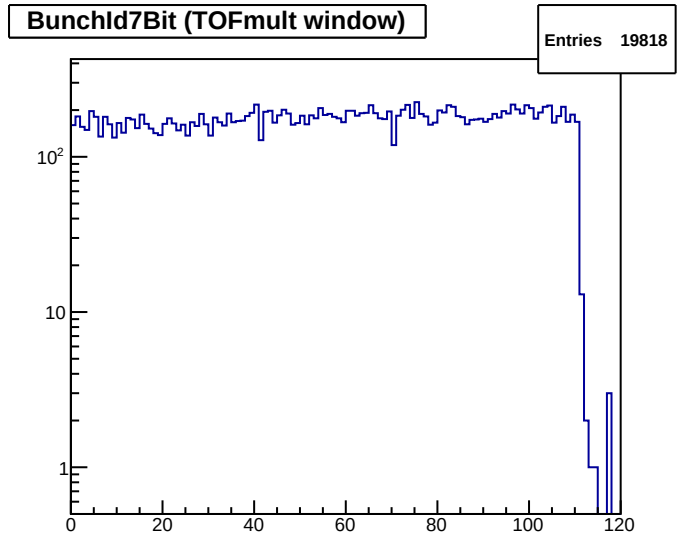

BunchId7Bit (VPD-TAC)
Entries 295379

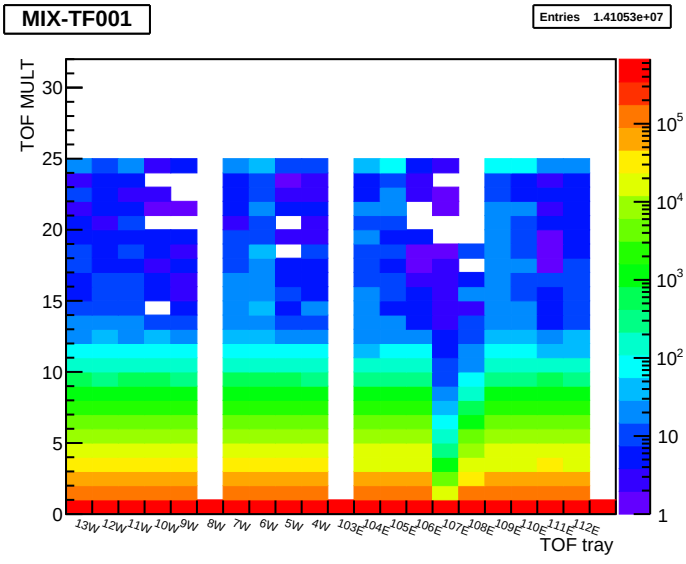

BunchId7Bit (ZDC-TAC)
Entries 890

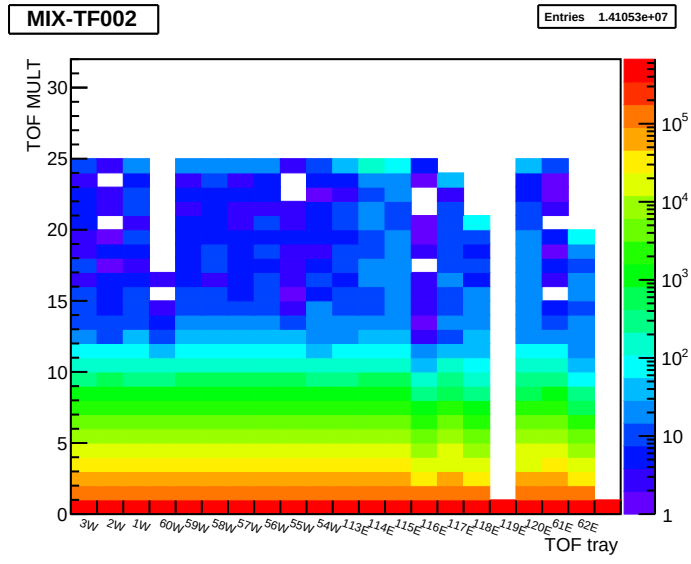

BunchId7Bit (EPD-TAC)
Entries 525841

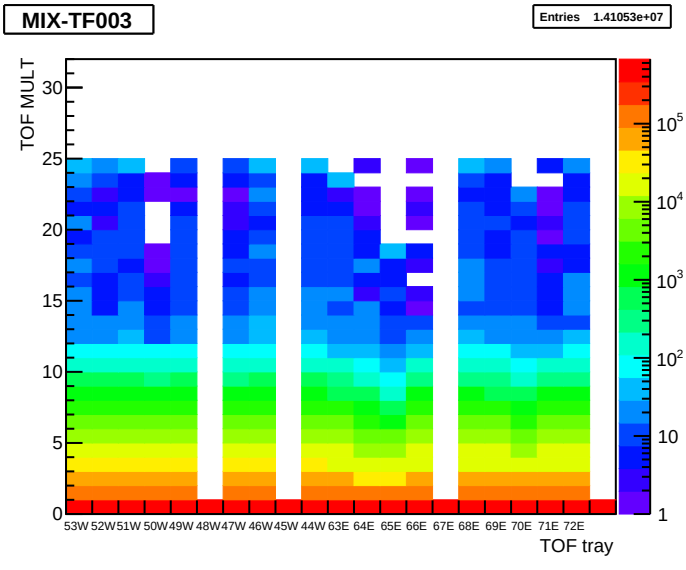

BunchId7Bit (BBC-TAC)
Entries 208137

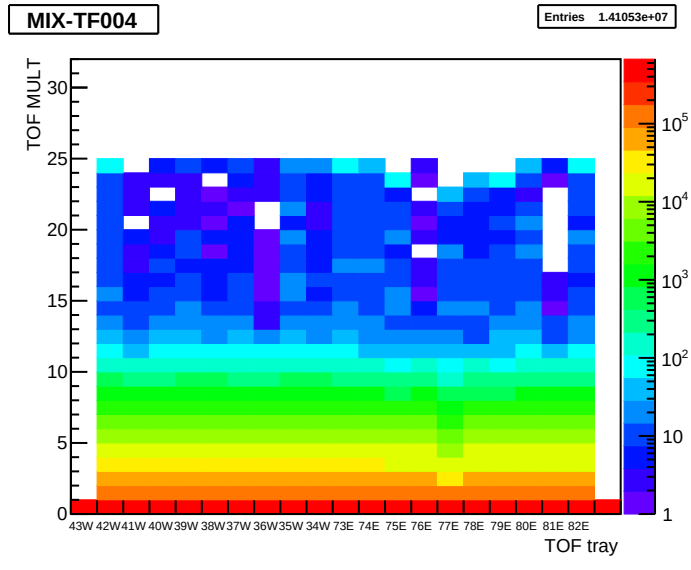

BunchId7Bit (Laser)
Entries 0

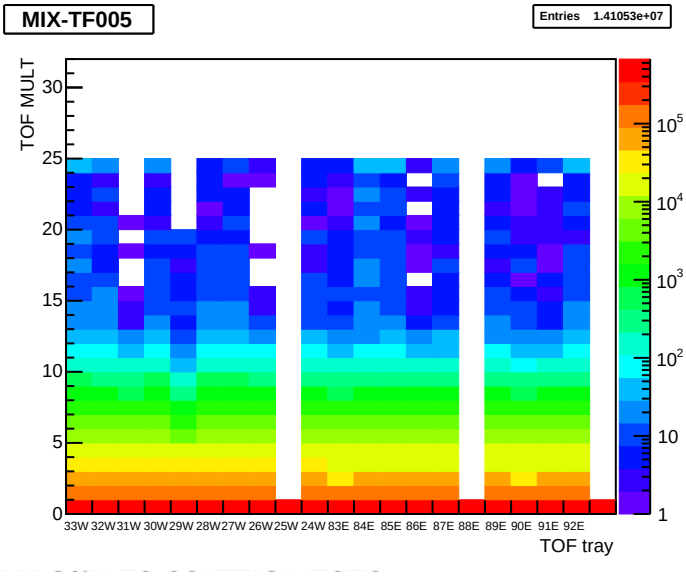

BunchId7Bit (TOFmult window)
Entries 19818

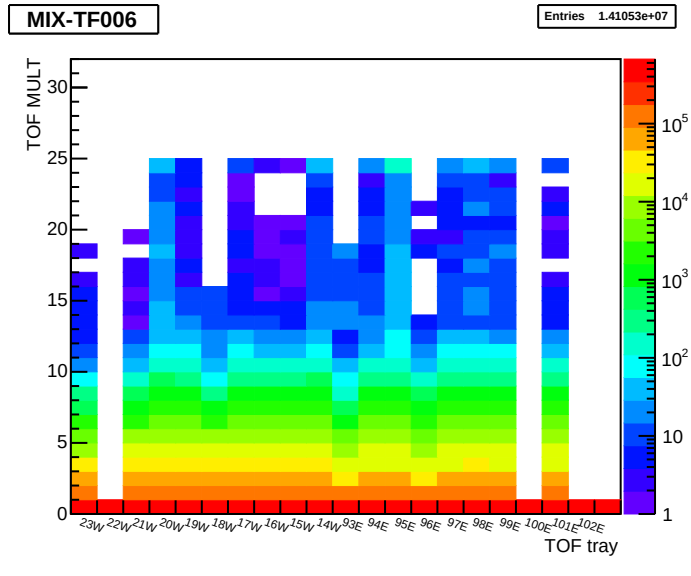

MIX-TF001
Entries 1.41053e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

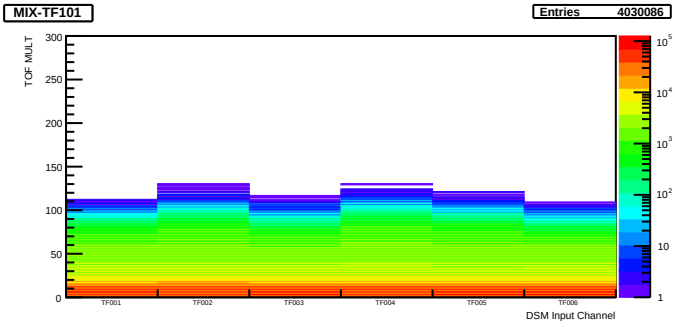

MIX-TF002
Entries 1.41053e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

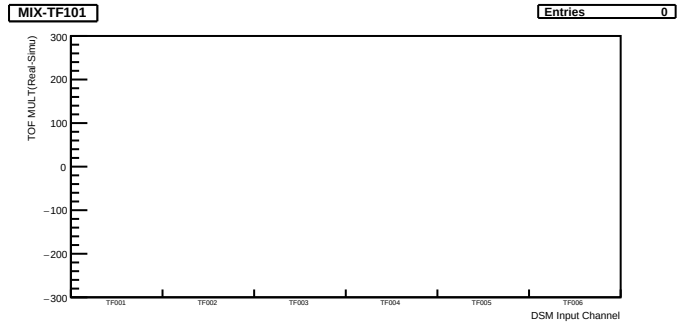

MIX-TF003
Entries 1.41053e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

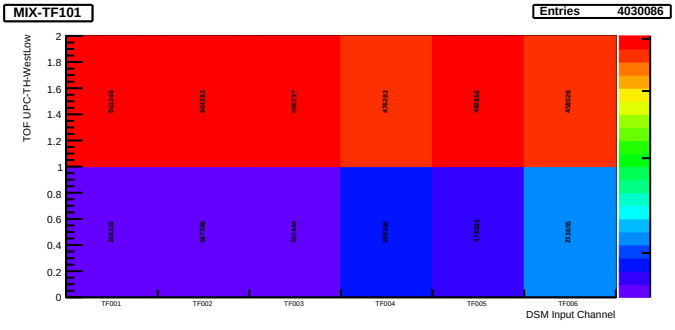

MIX-TF004
Entries 1.41053e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

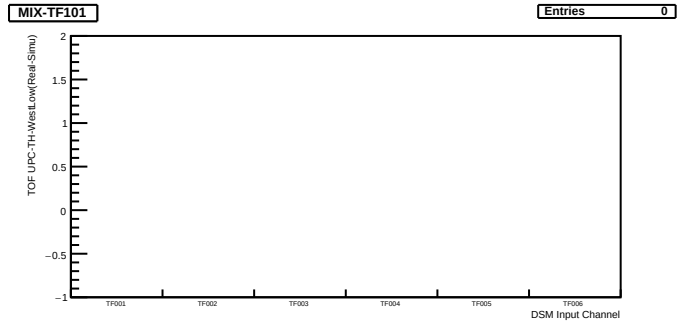

MIX-TF005
Entries 1.41053e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

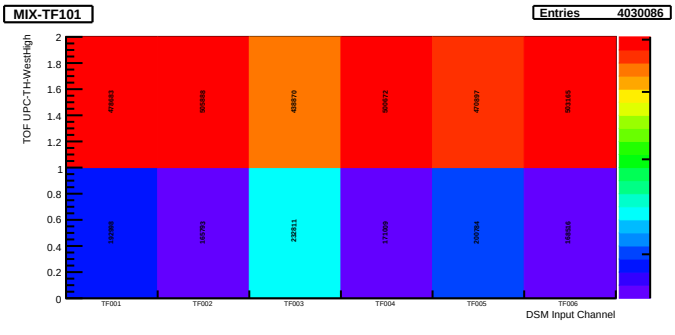

MIX-TF006
Entries 1.41053e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

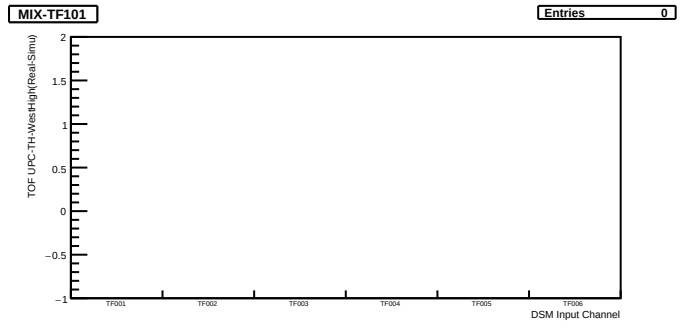

MIX-TF101
Entries 4030086
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

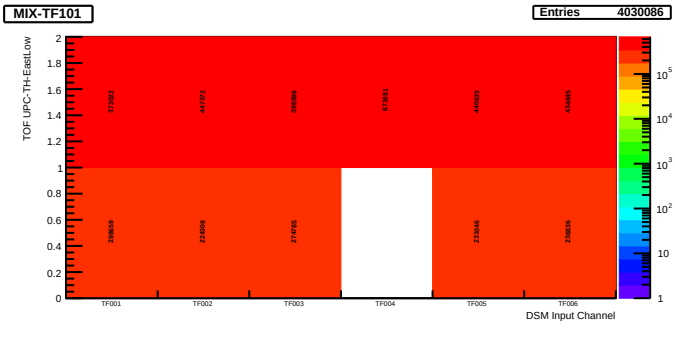

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

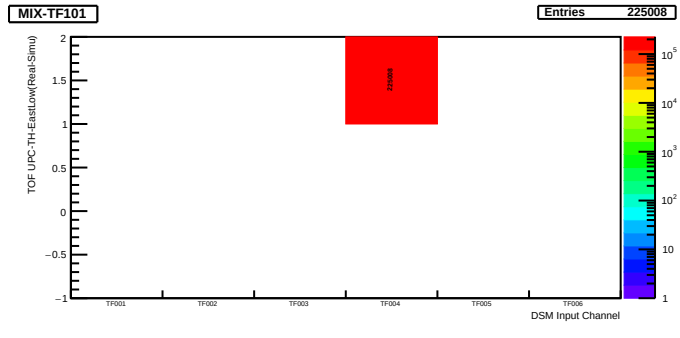

MIX-TF101
Entries 4030086
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

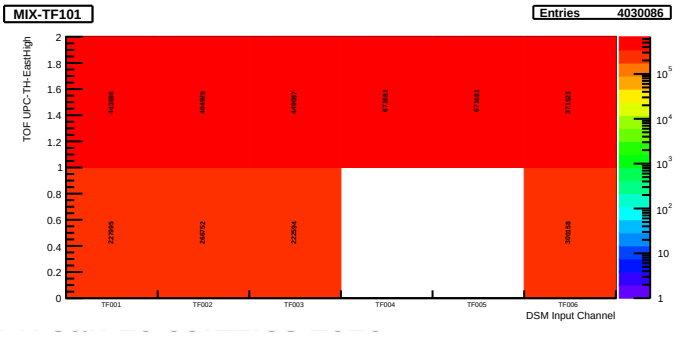

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

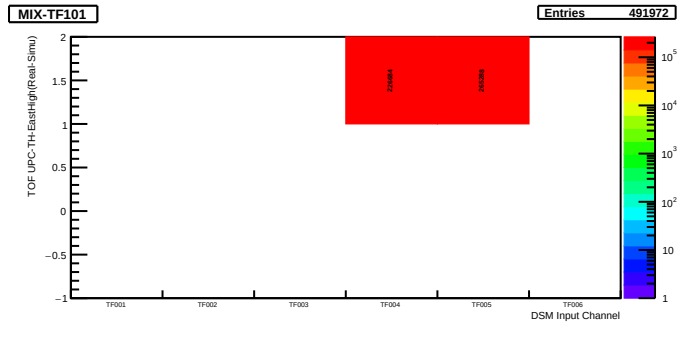

MIX-TF101
Entries 4030086
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

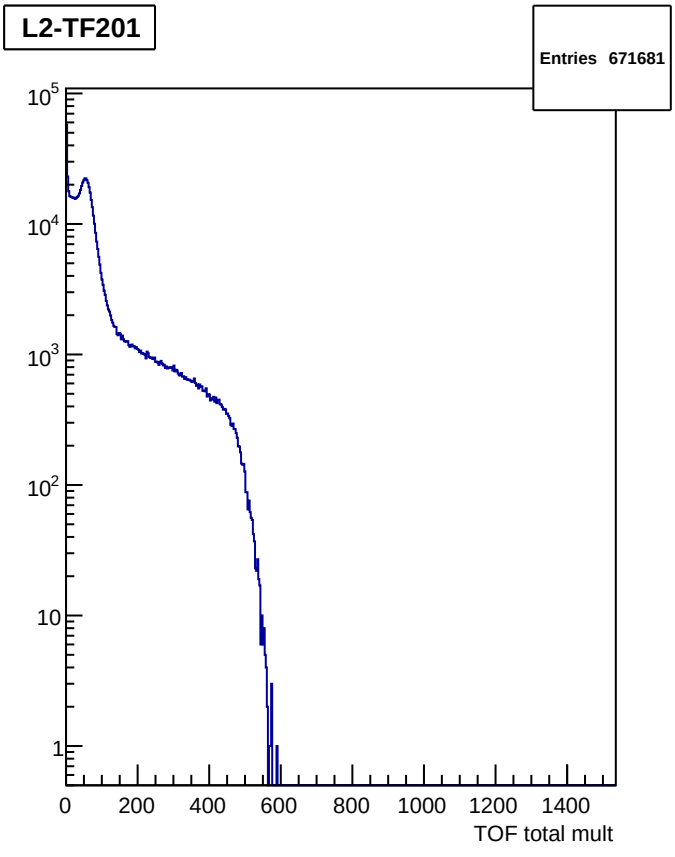

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

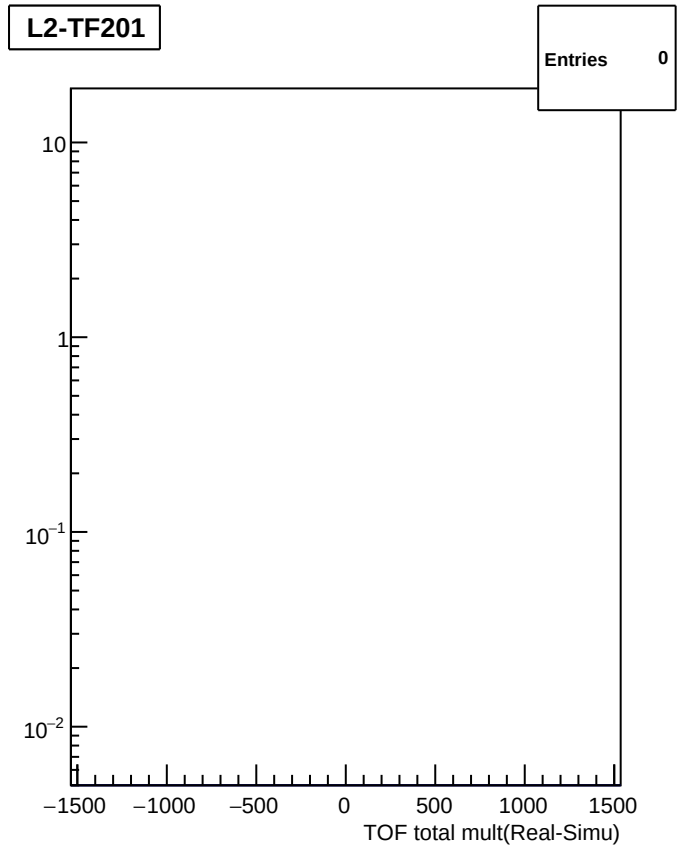

MIX-TF101
Entries 4030086
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

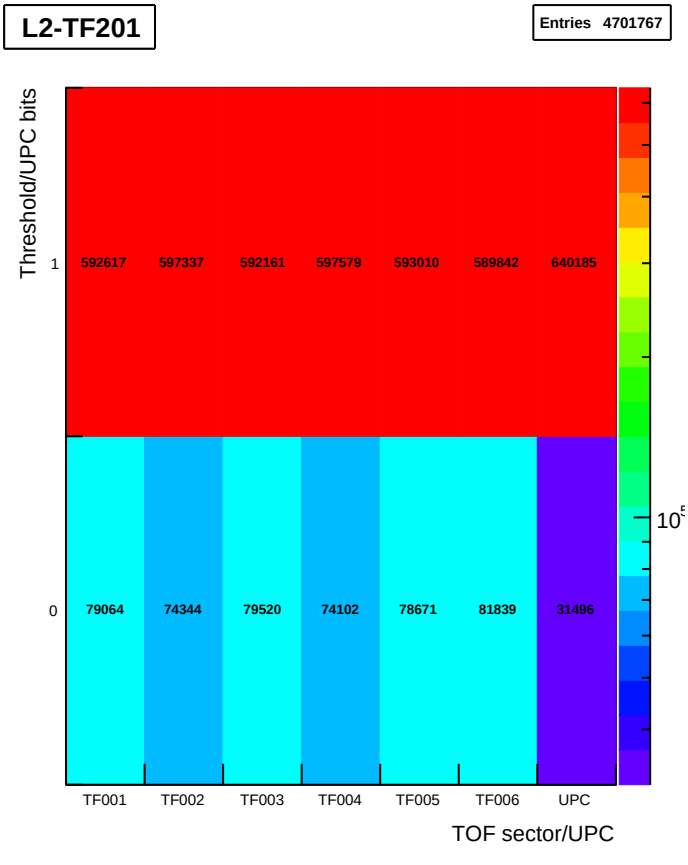

MIX-TF101
Entries 225008
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

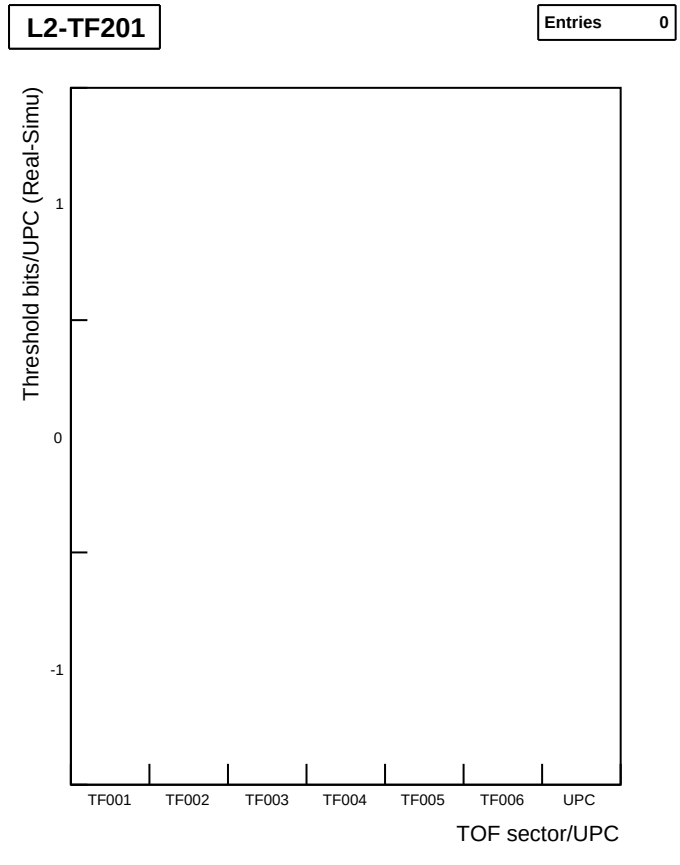

MIX-TF101
Entries 4030086
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

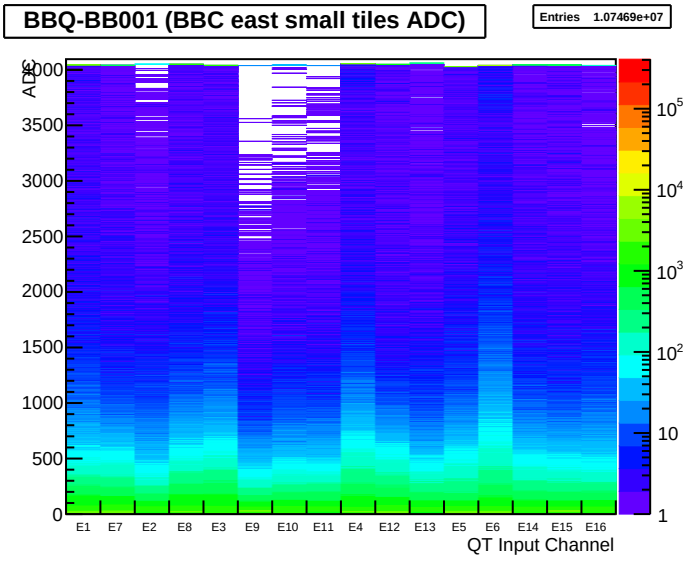

MIX-TF101
Entries 491972
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

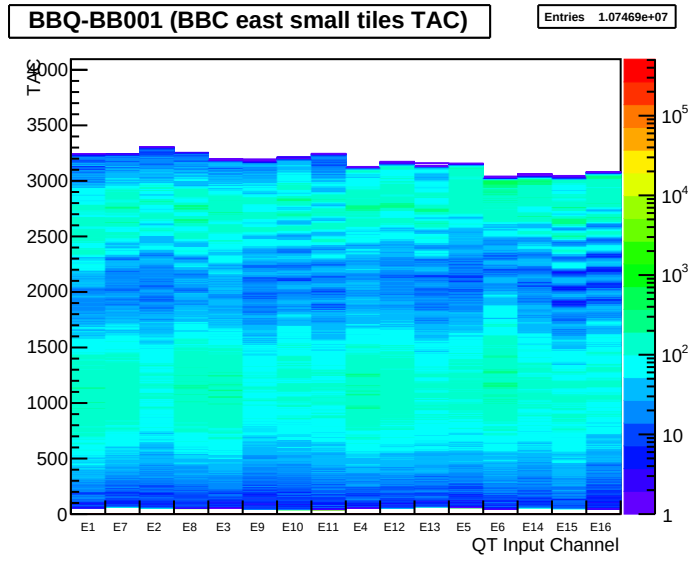

L2-TF201
Entries 671681
TOF total mult

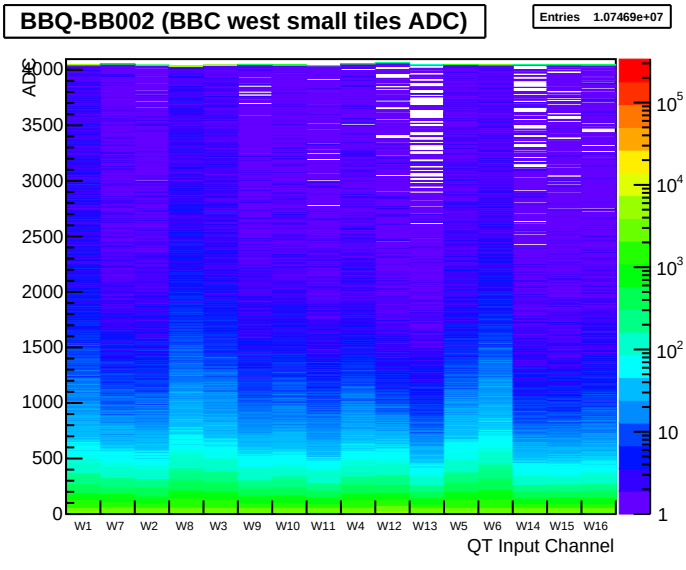

L2-TF201
Entries 0
TOF total mult(Real-Simu)

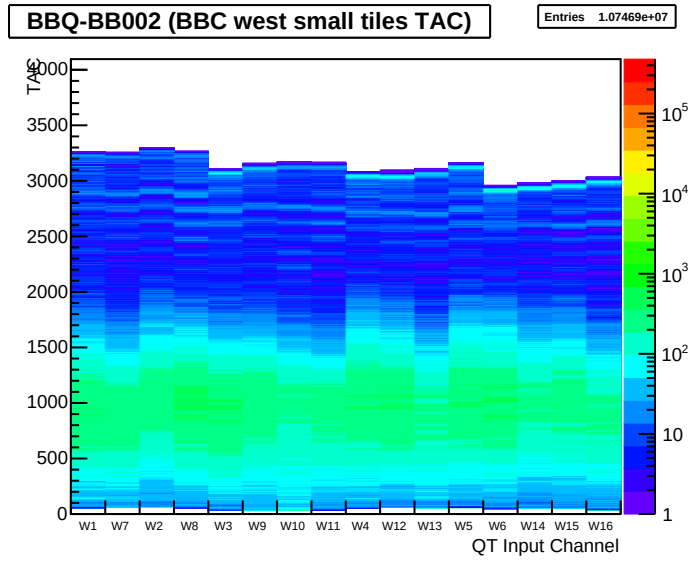

L2-TF201
Entries 4701767
Threshold/UPC bits
592617 597337 592161 597579 593010 589842 640185
79064 74344 79520 74102 78671 81839 31496
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

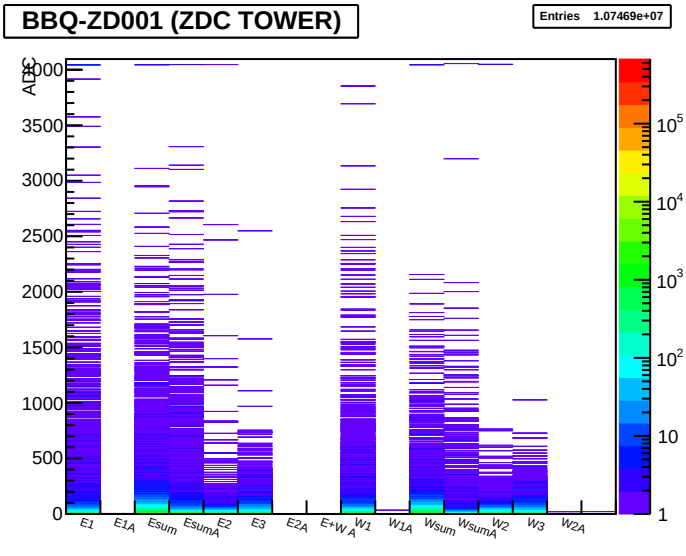

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

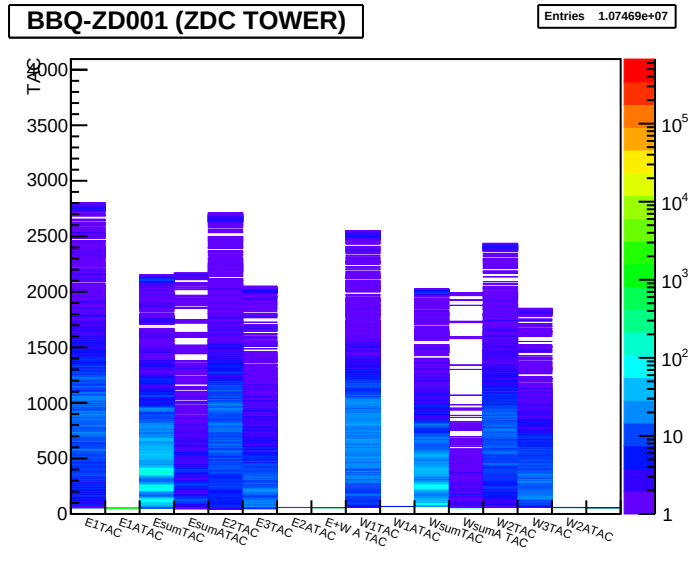

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.07469e+07
ADC
QT Input Channel

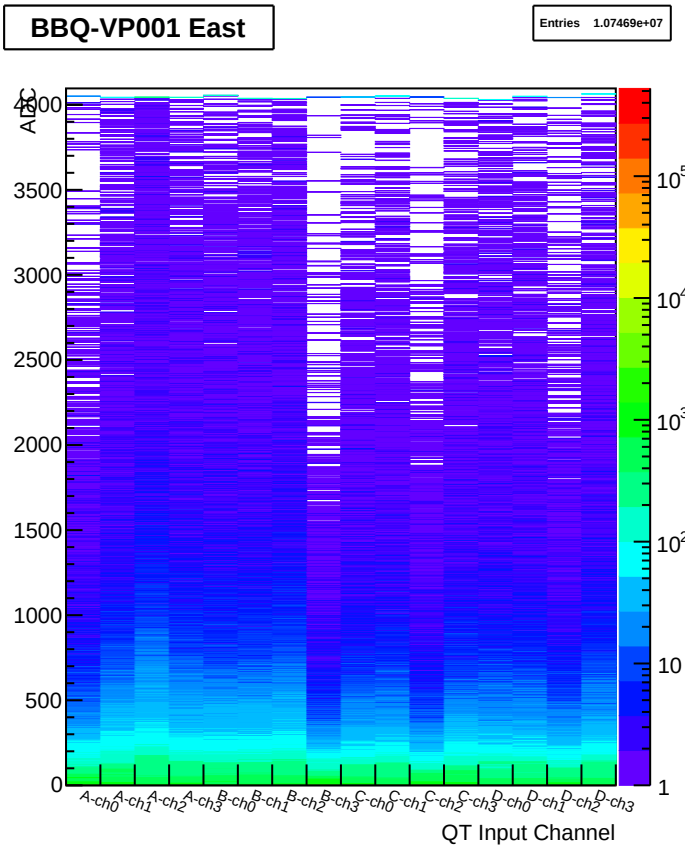

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.07469e+07
TAC
QT Input Channel

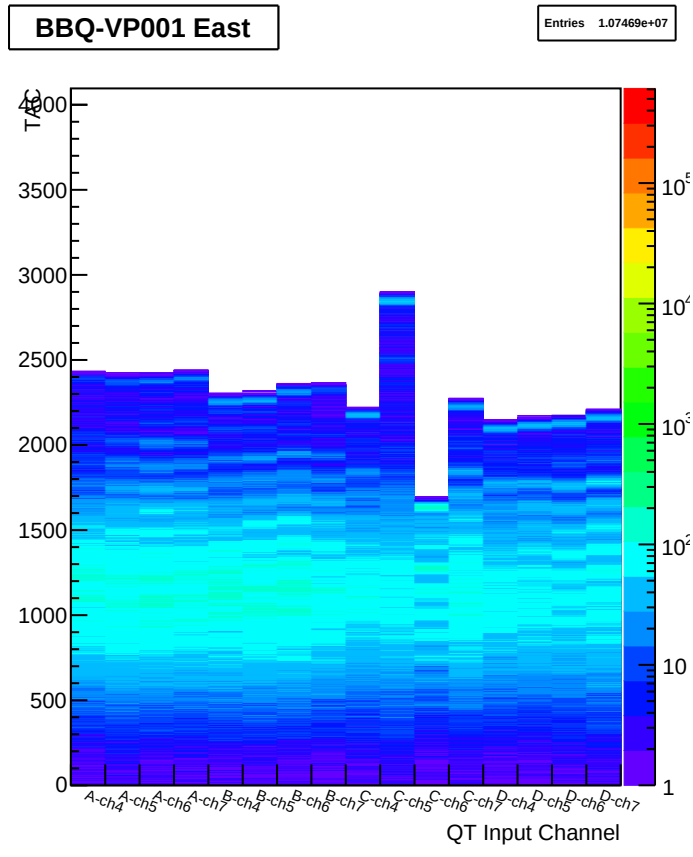

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.07469e+07
ADC
QT Input Channel

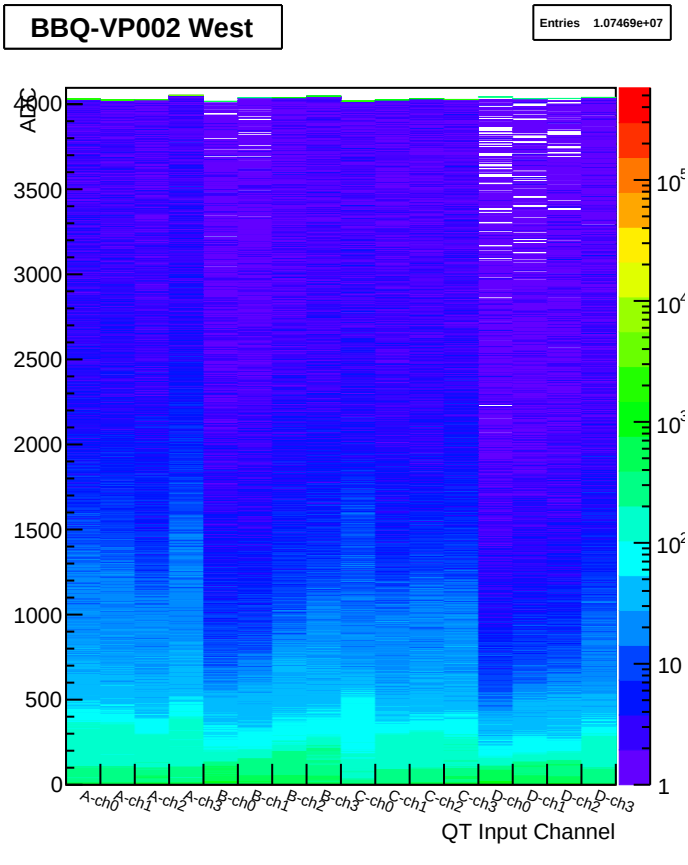

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.07469e+07
TAC
QT Input Channel

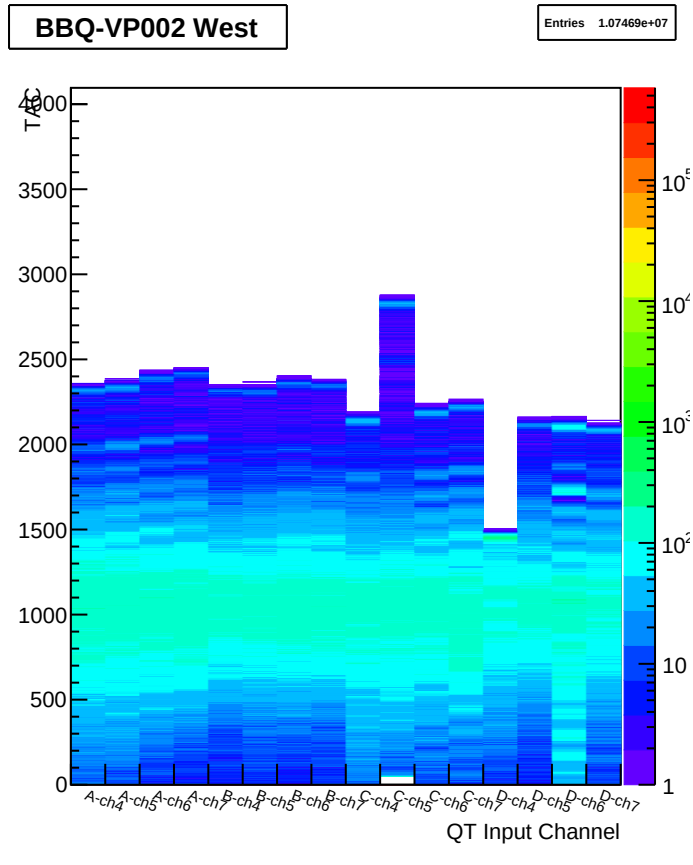

BBQ-ZD001 (ZDC TOWER)
Entries 1.07469e+07
ADC

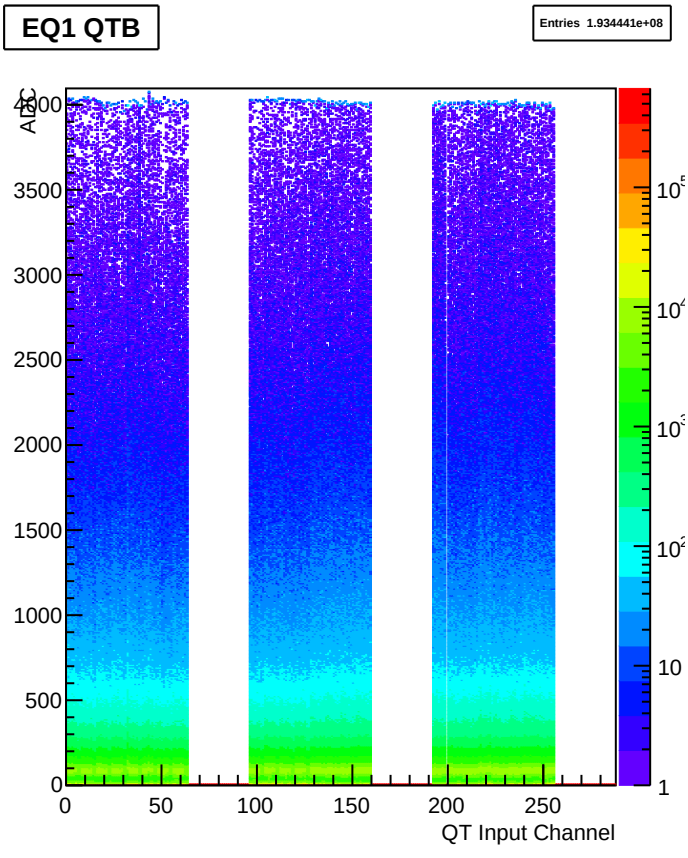

BBQ-ZD001 (ZDC TOWER)
Entries 1.07469e+07
TAC

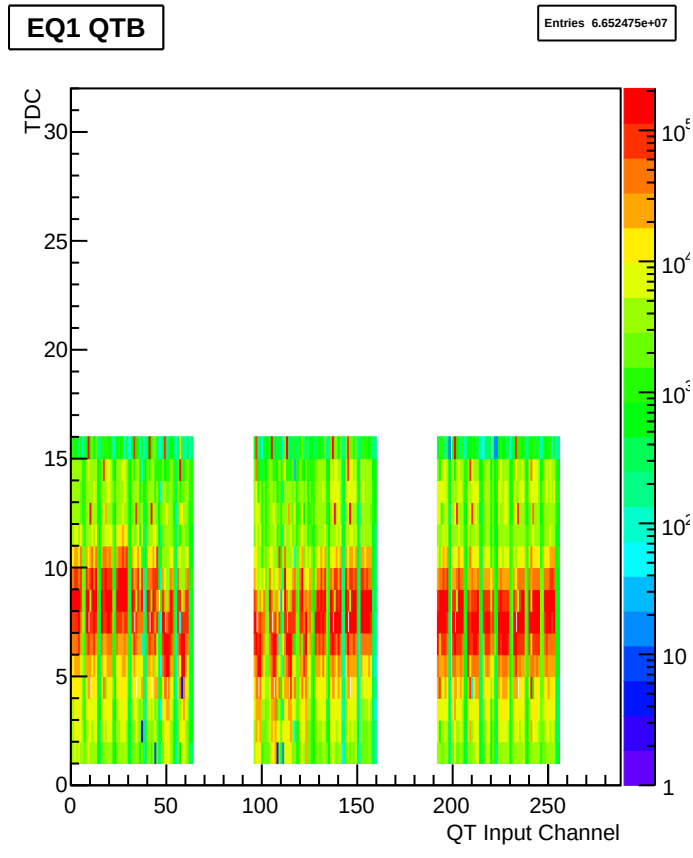

BBQ-VP001 East
Entries 1.07469e+07
ADC
QT Input Channel

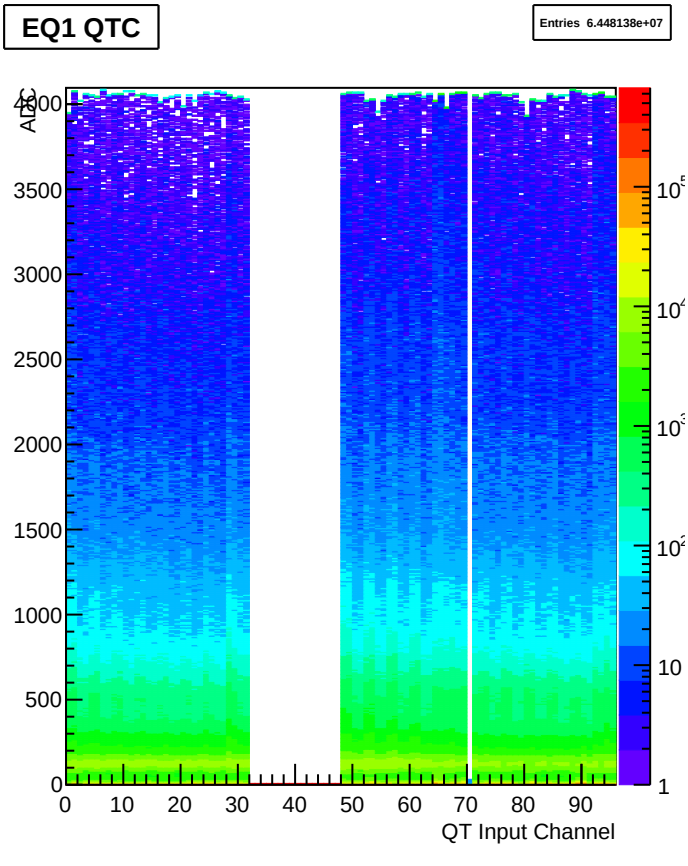

BBQ-VP001 East
Entries 1.07469e+07
TADC
QT Input Channel

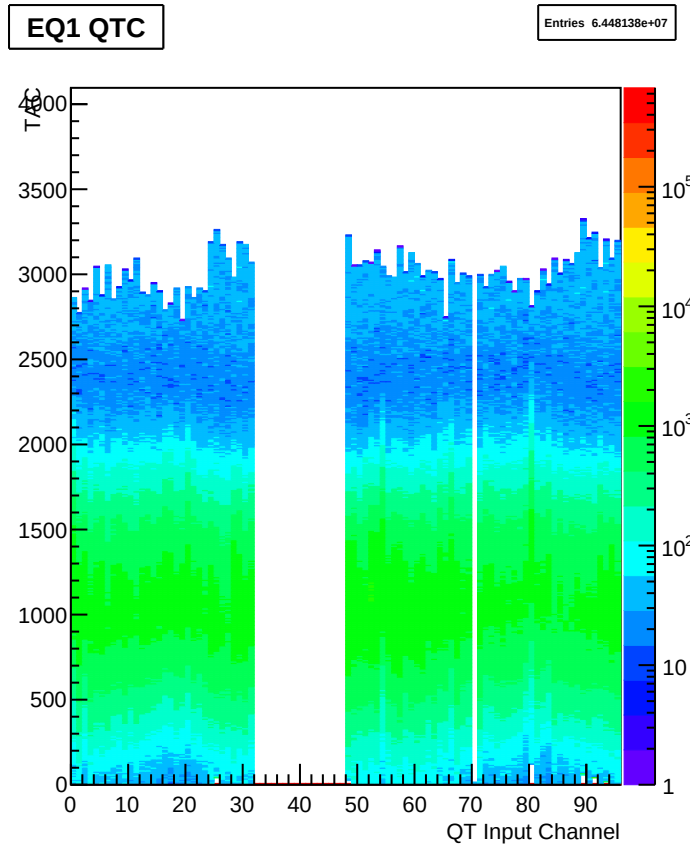

BBQ-VP002 West
Entries 1.07469e+07
ADC
QT Input Channel

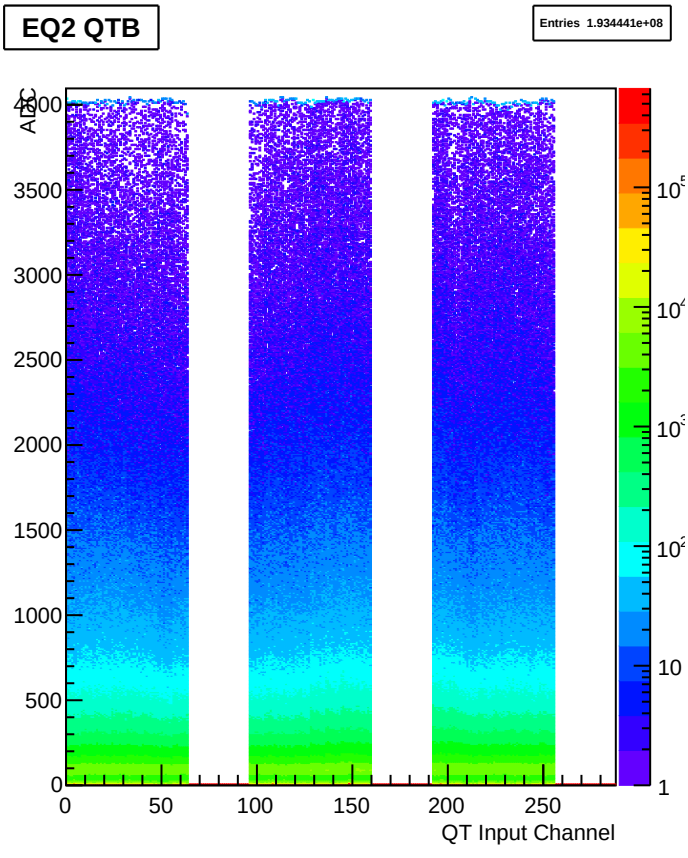

BBQ-VP002 West
Entries 1.07469e+07
TADC
QT Input Channel

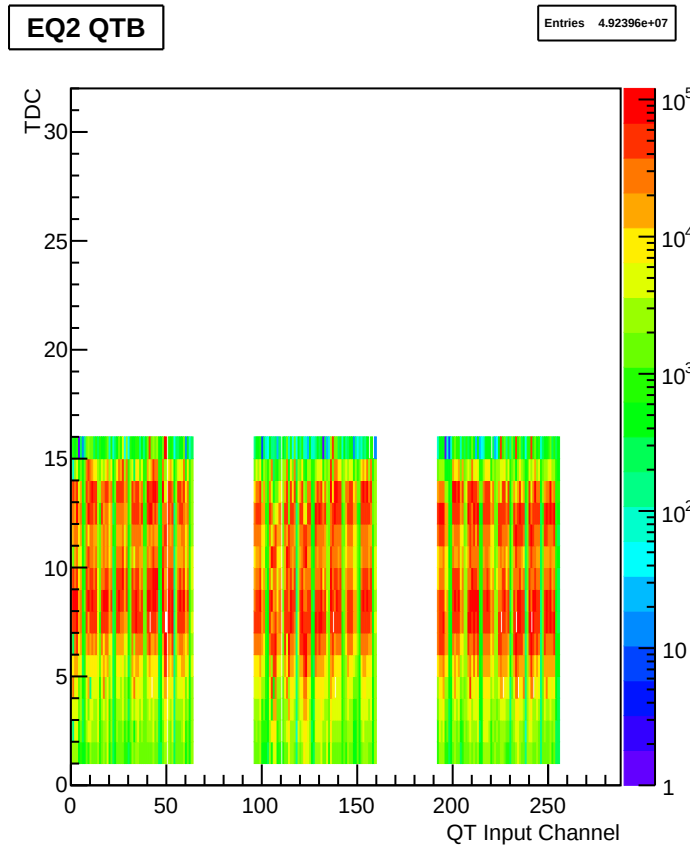

EQ1 QTB
Entries 1.934441e+08
ADC
QT Input Channel

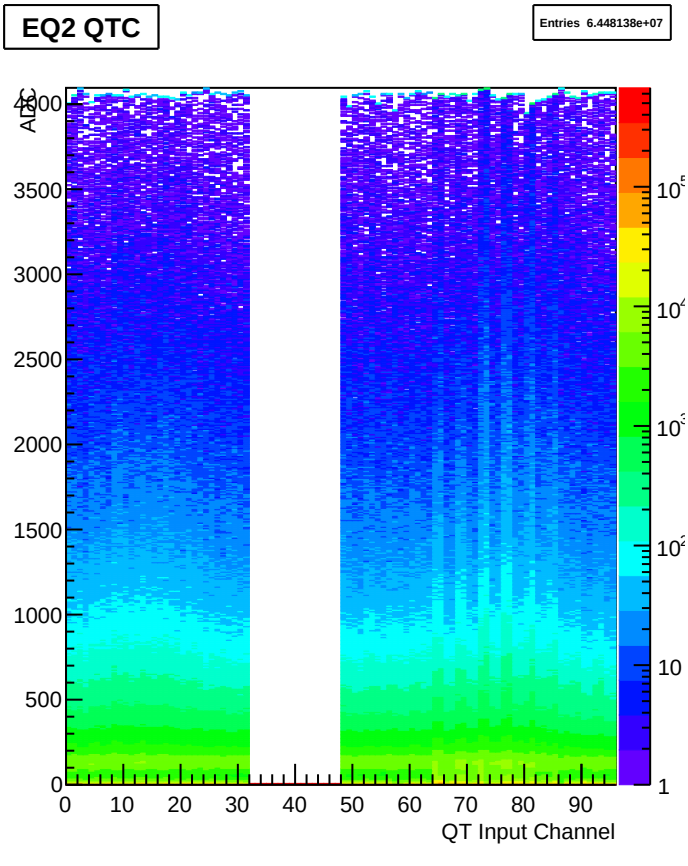

EQ1 QTB
Entries 6.652475e+07
TDC
QT Input Channel

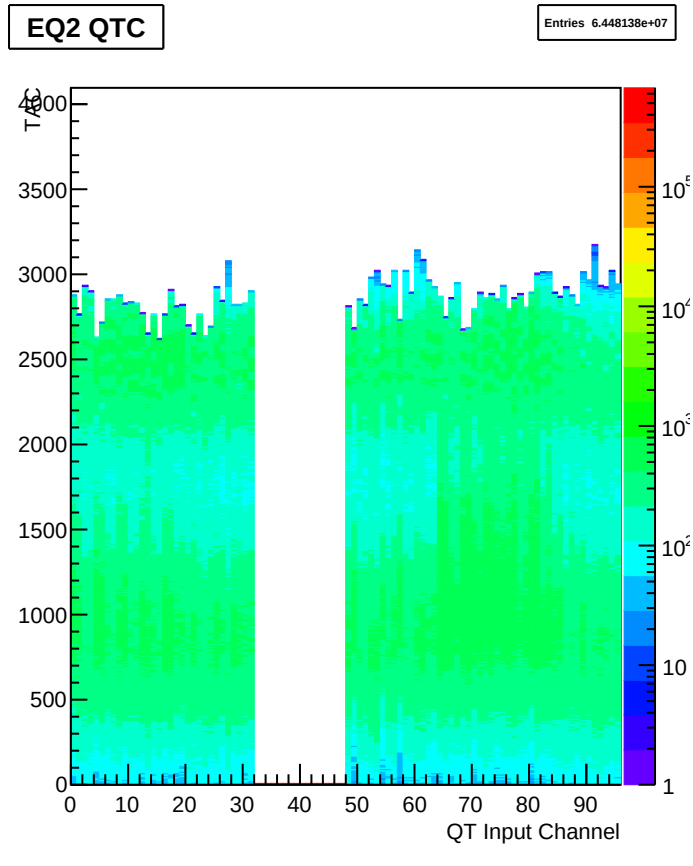

EQ1 QTC
Entries 6.448138e+07
ADC
QT Input Channel

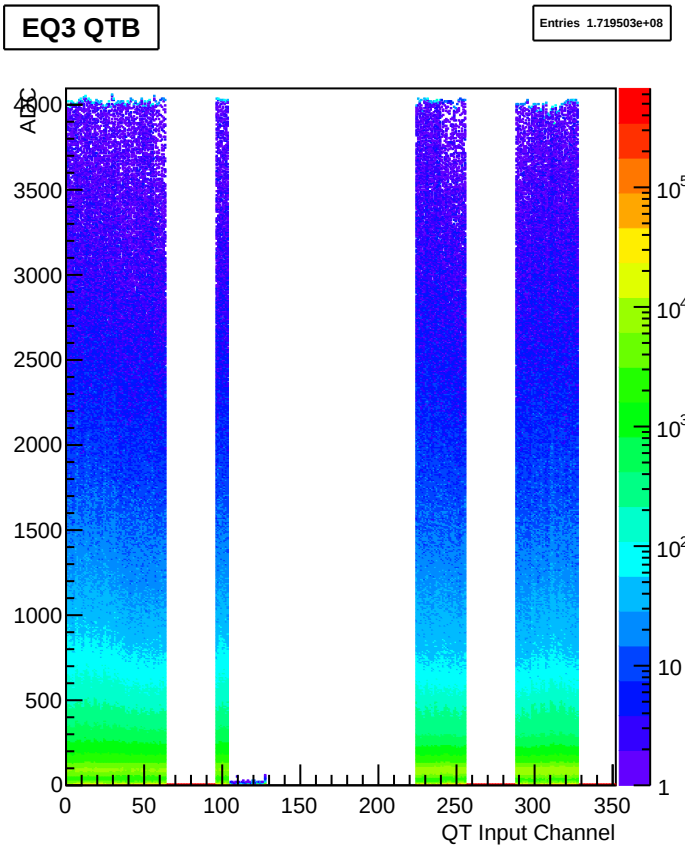

EQ1 QTC
Entries 6.448138e+07
TADC
QT Input Channel

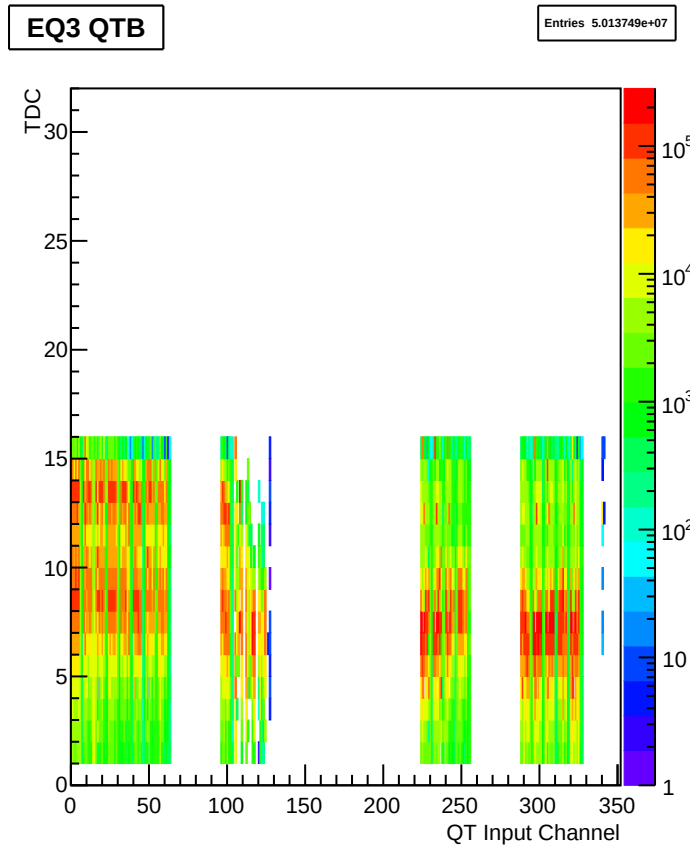

EQ2 QTB
Entries 1.934441e+08
ADC
QT Input Channel

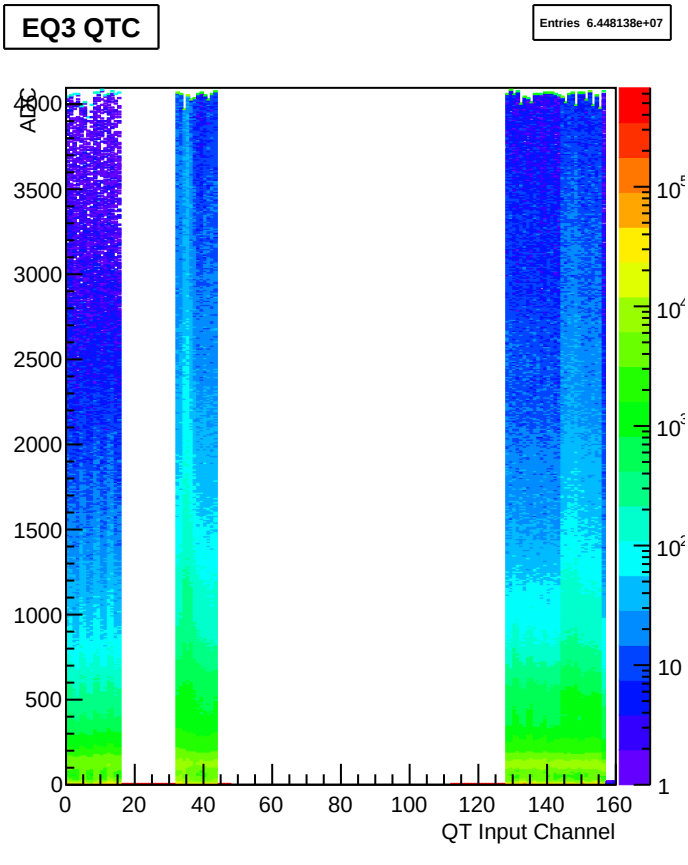

EQ2 QTB
Entries 4.92396e+07
TDC
QT Input Channel

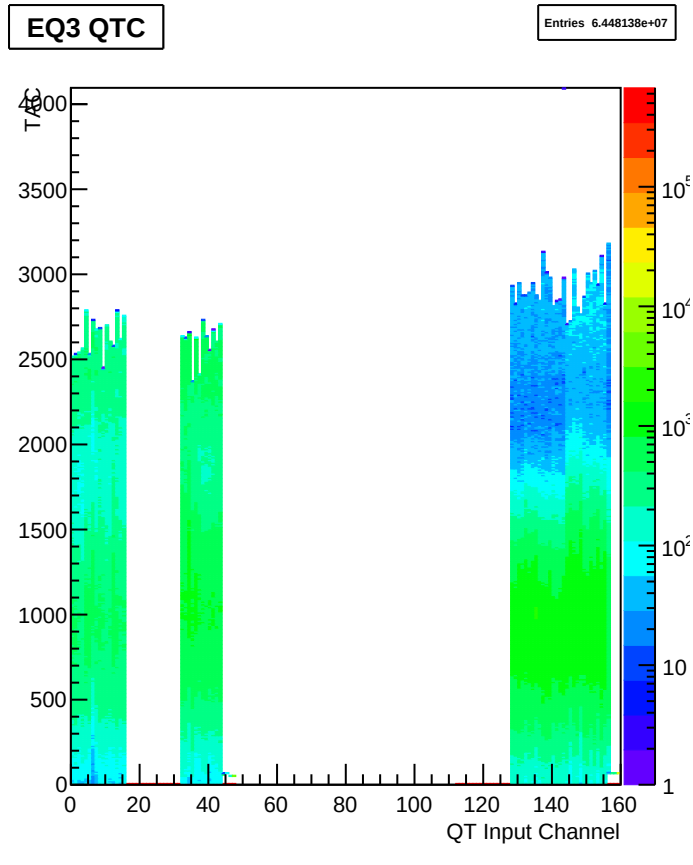

EQ2 QTC
Entries 6.448138e+07
ADC
QT Input Channel

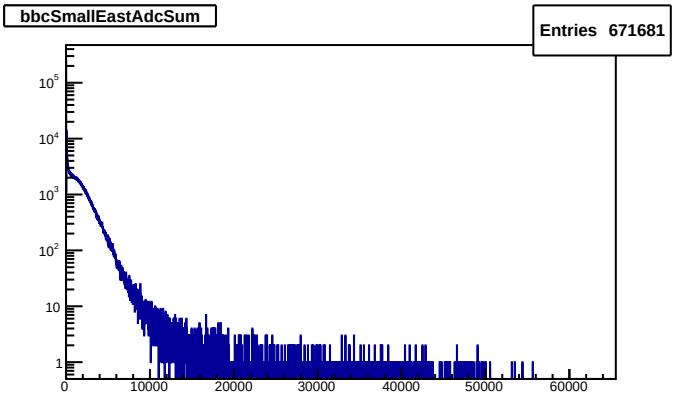

EQ2 QTC
Entries 6.448138e+07
TADC
QT Input Channel

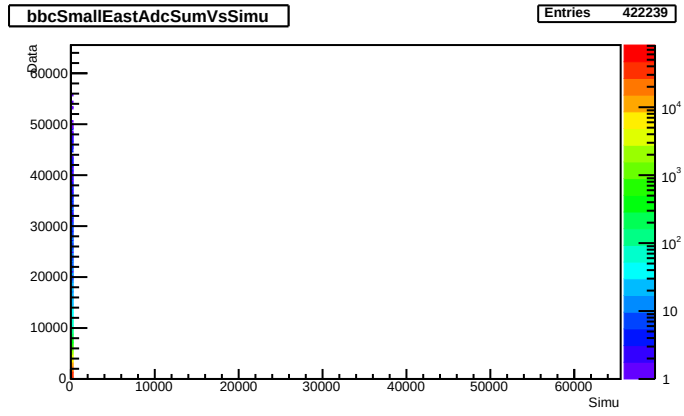

EQ3 QTB
Entries 1.719503e+08
ADC
QT Input Channel

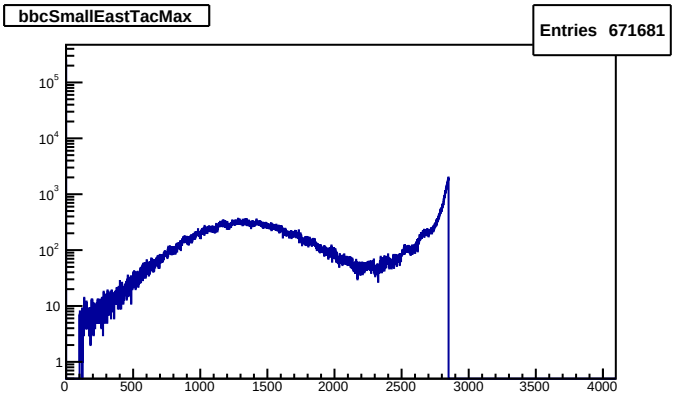

EQ3 QTB
Entries 5.013749e+07
TDC
QT Input Channel

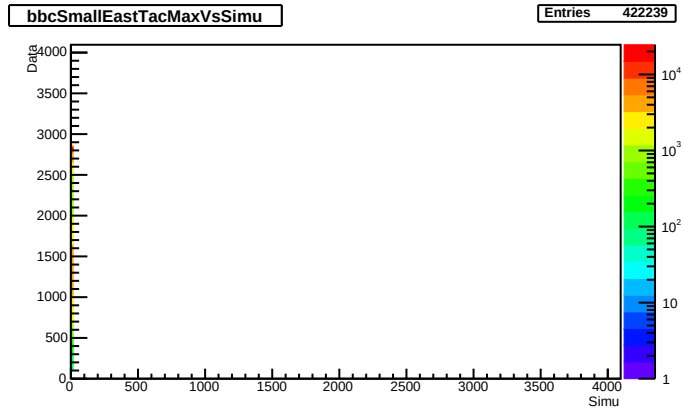

EQ3 QTC
Entries 6.448138e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.448138e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 671681


bbcSmallEastAdcSumVsSimu
Entries 422239
Data
Simu


bbcSmallEastTacMax
Entries 671681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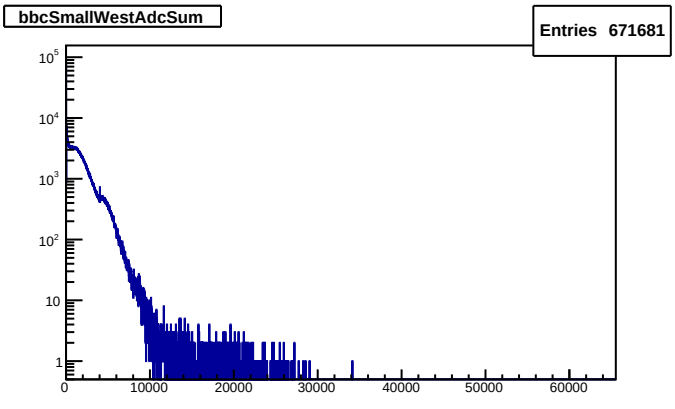
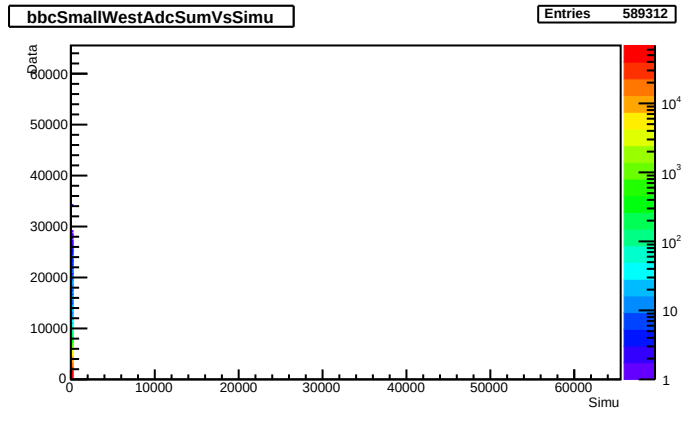
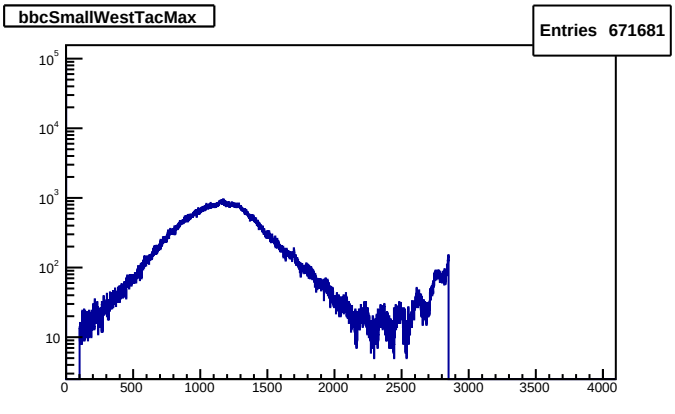
Entries 422239
Data
Simu


bbcSmallWestAdcSum
Entries 671681


bbcSmallWestAdcSumVsSimu
Entries 589312
Data
Simu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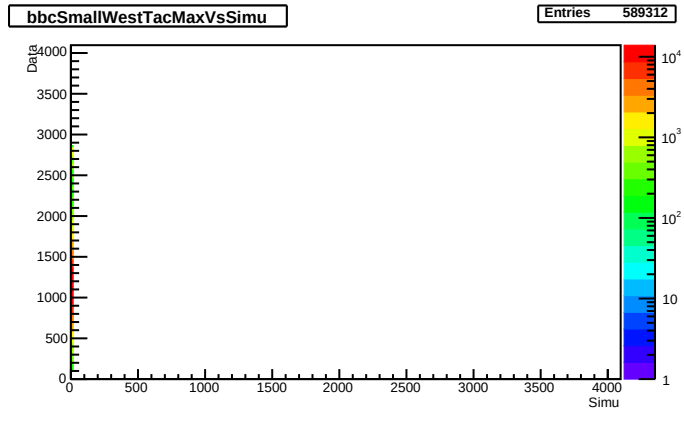
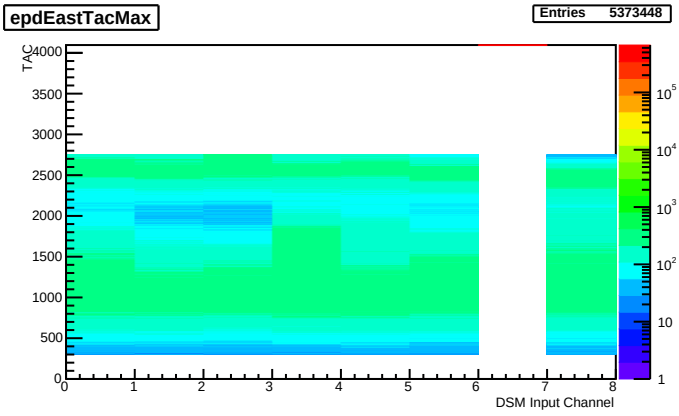
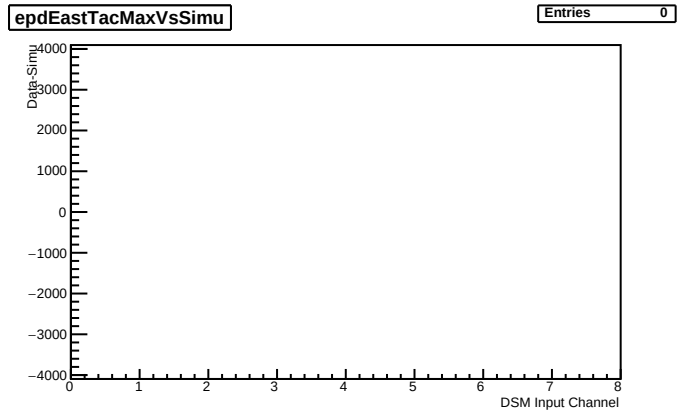
Entries 671681


bbcSmallWestTacMaxVsSimu
Entries 589312
Data
Simu


epdEastTacMax
Entries 5373448
TAC
DSM Input Channel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Entries 0
Data-Simu
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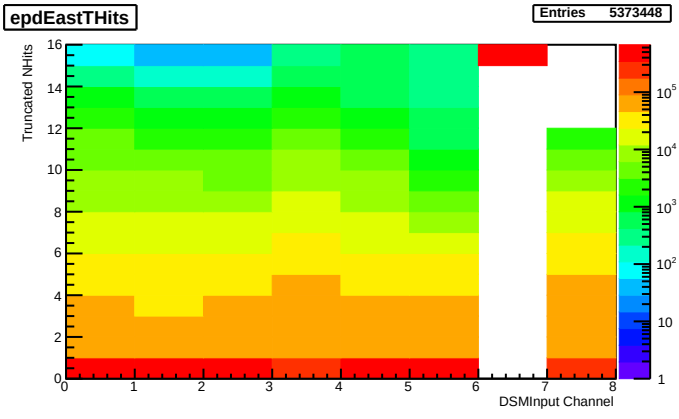
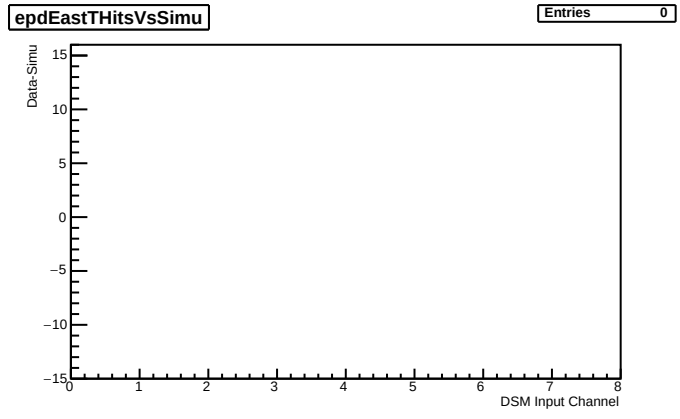

epdEastTHits
Entries 5373448
Truncated NHits
DSMInput Channel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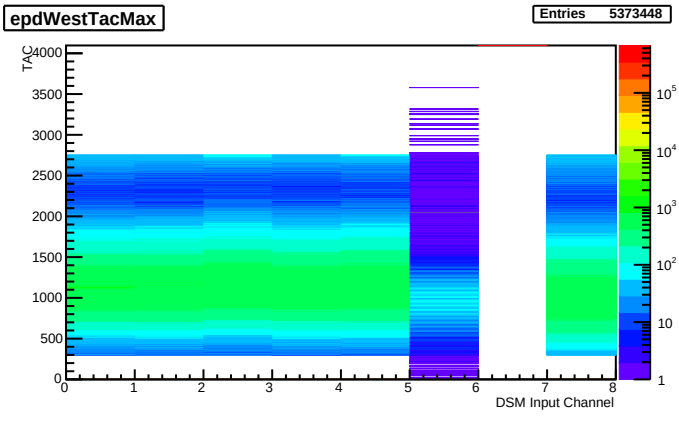
Entries 0
Data-Simu
DSM Input Channel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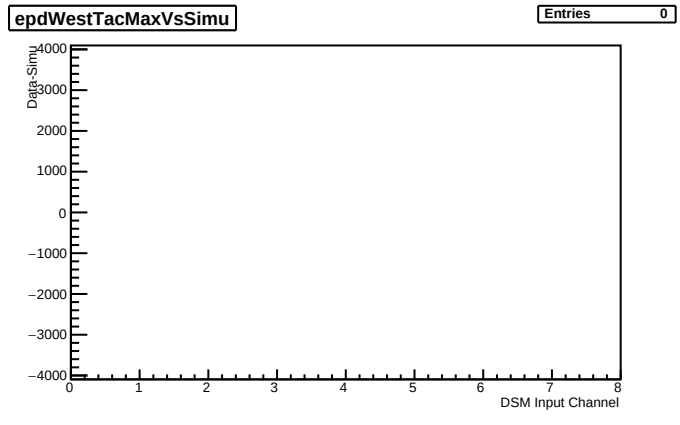
Entries 5373448
TAC
DSM Input Channel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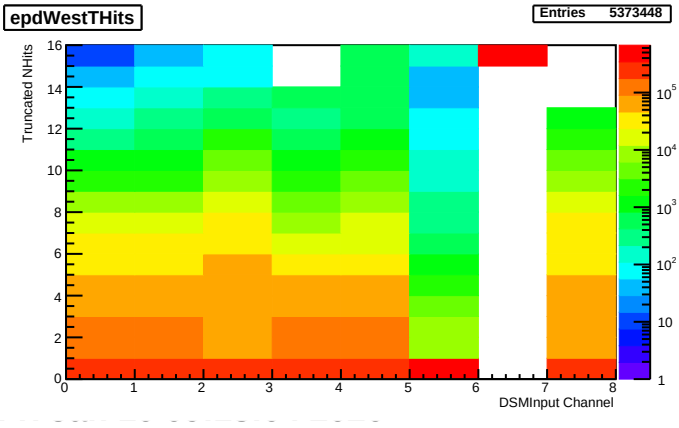
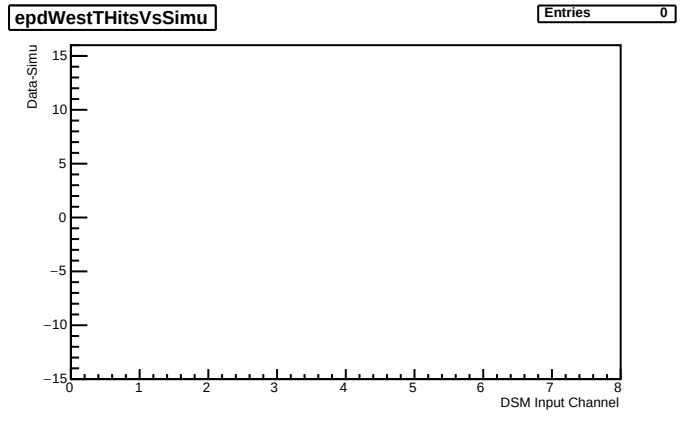
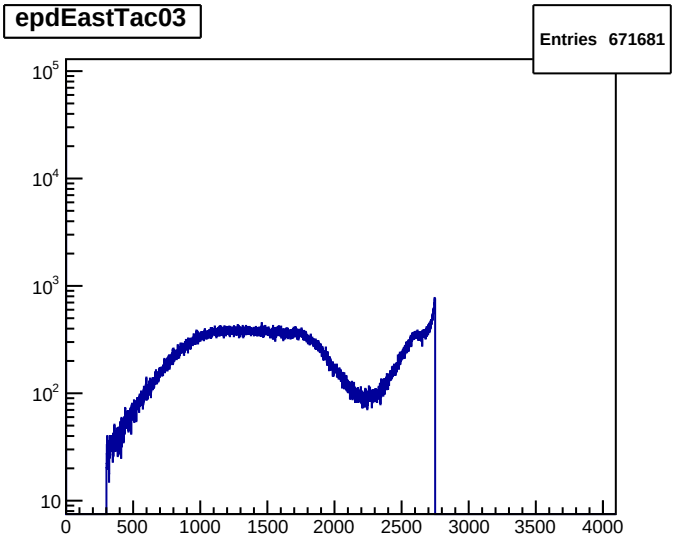
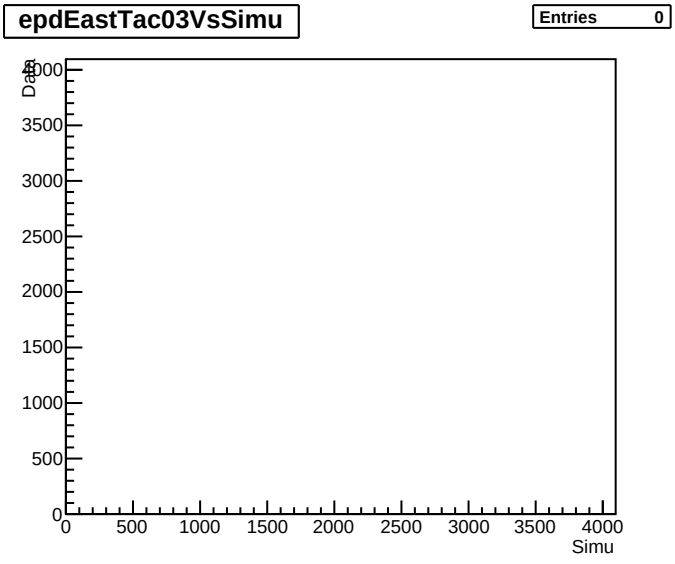
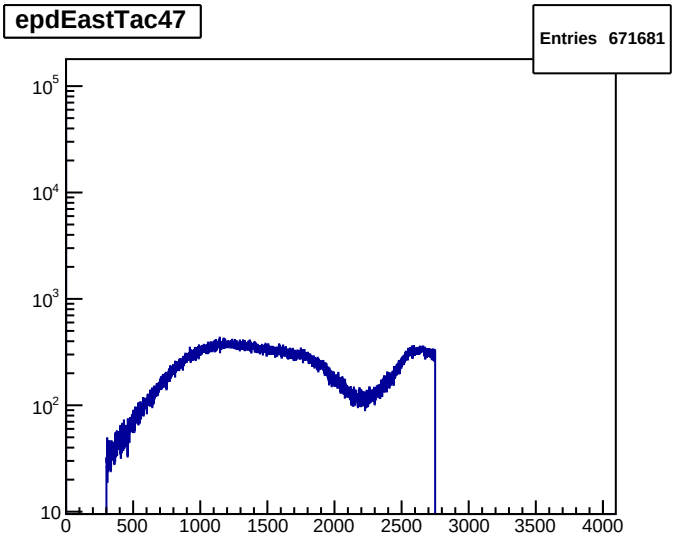
Entries 0
Data-Simu
DSM Input Channel

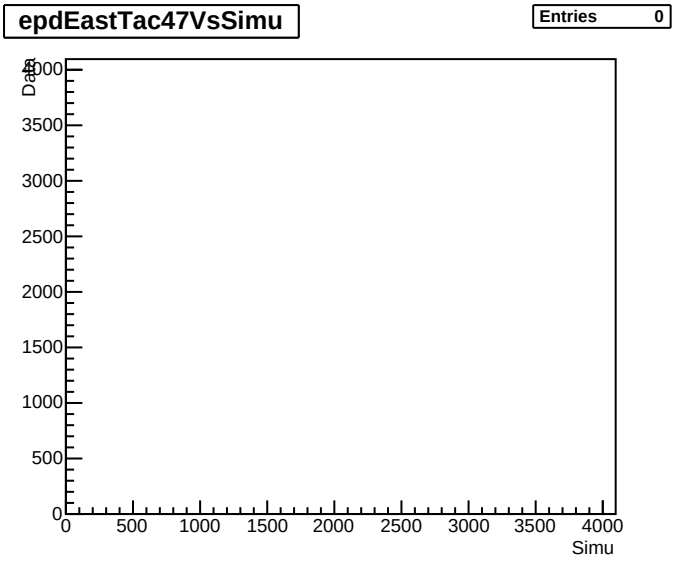

epdWestTHits
Entries 5373448
Truncated NHits
DSMInput Channel

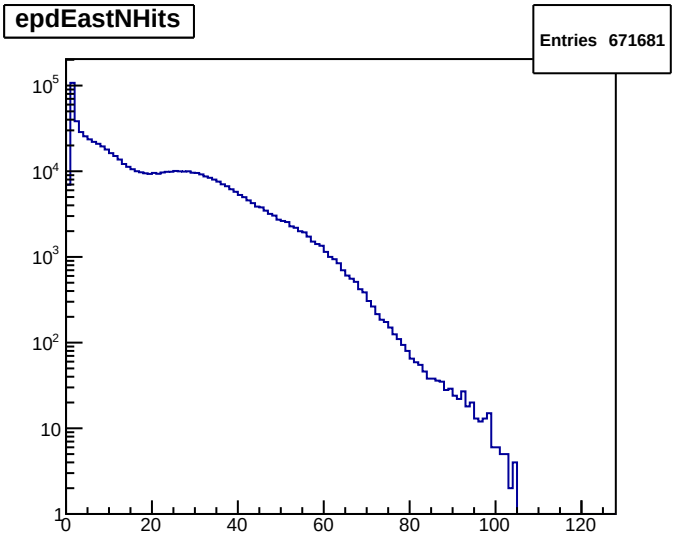

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

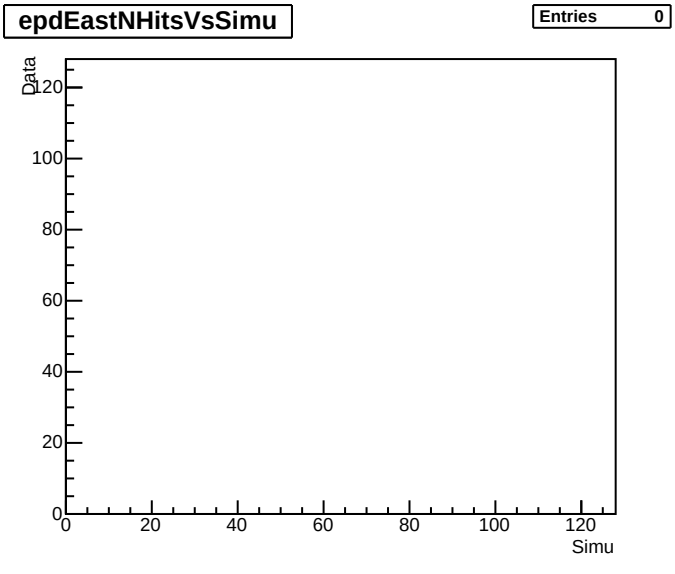

epdEastTac03
Entries 671681


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 671681


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 671681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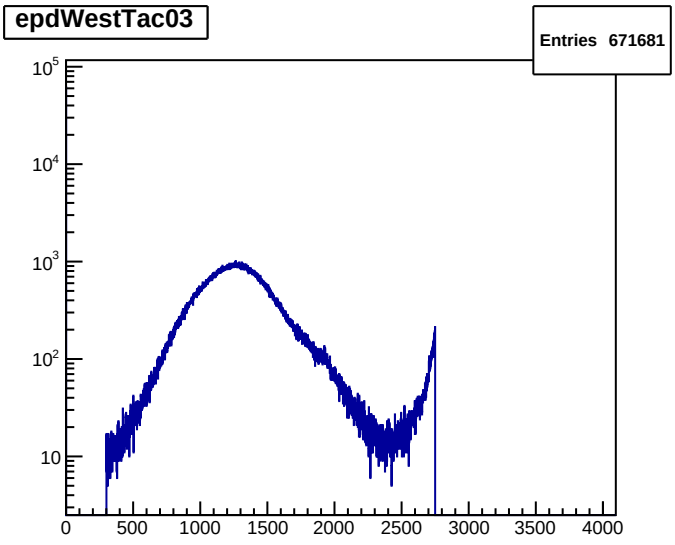
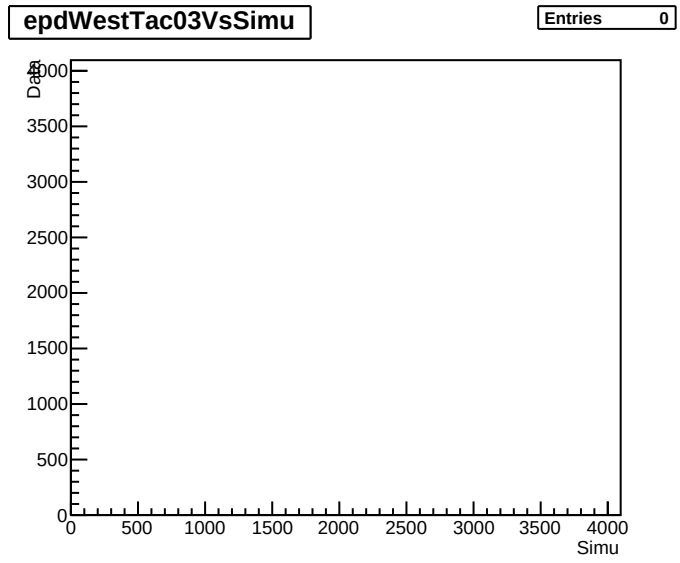
Entries 0
Data
Simu


epdWestTac03
Entries 671681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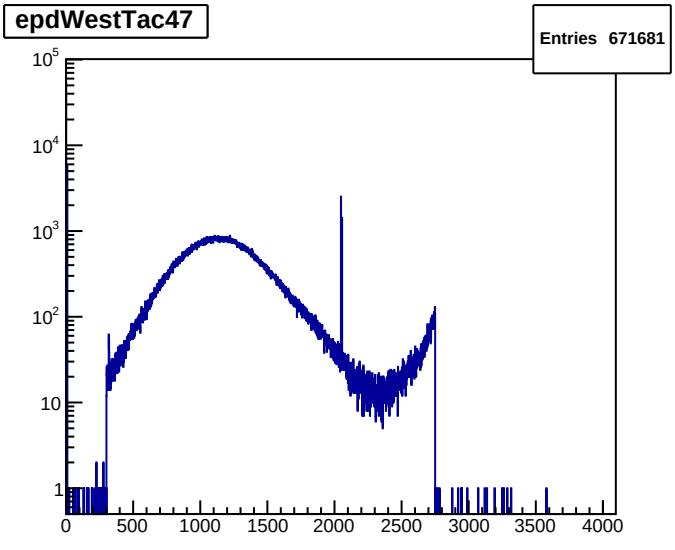
Entries 0
Data
Simu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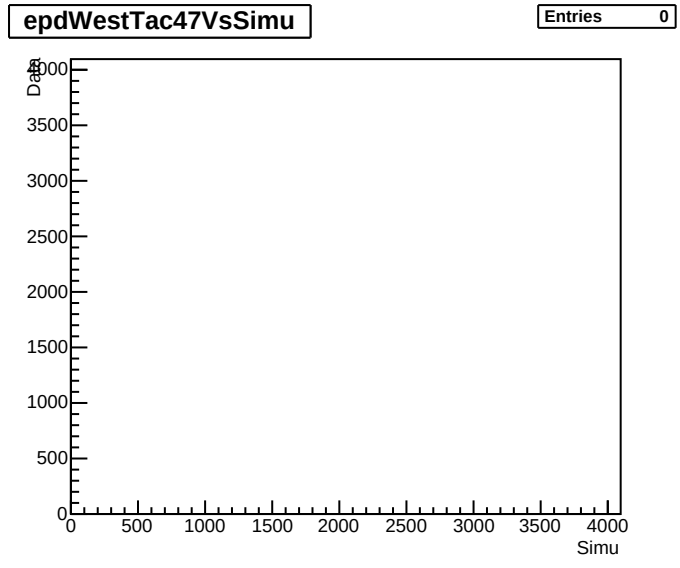
Entries 671681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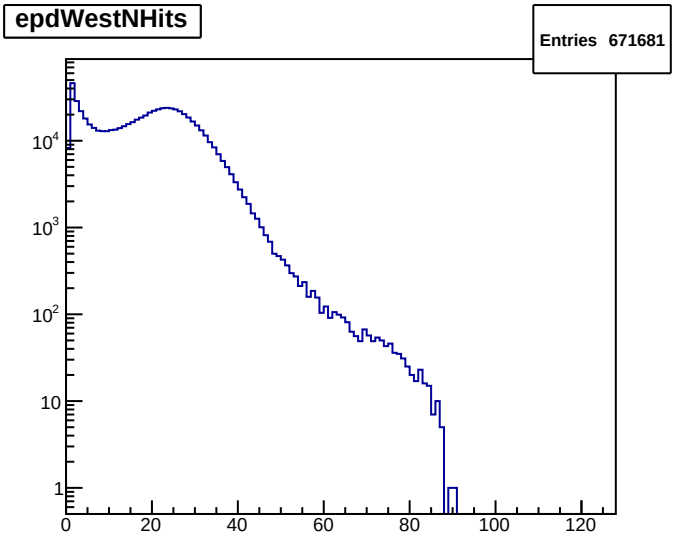
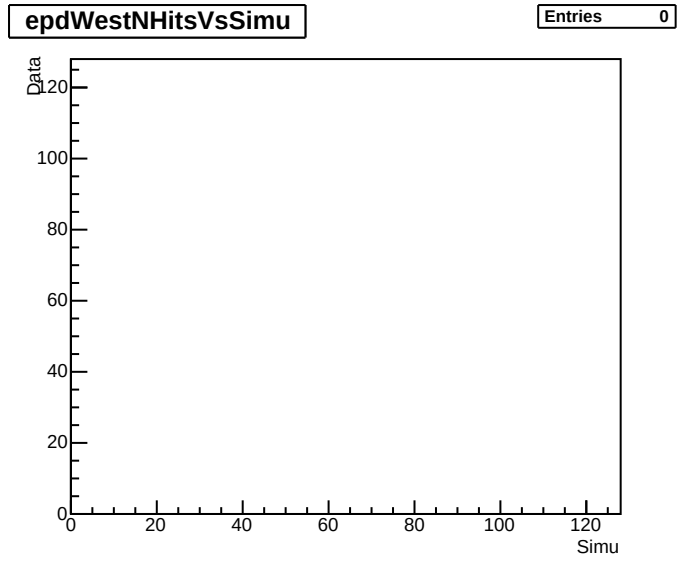
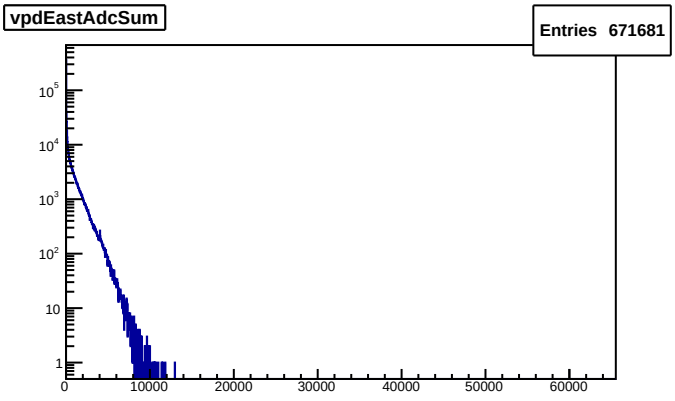
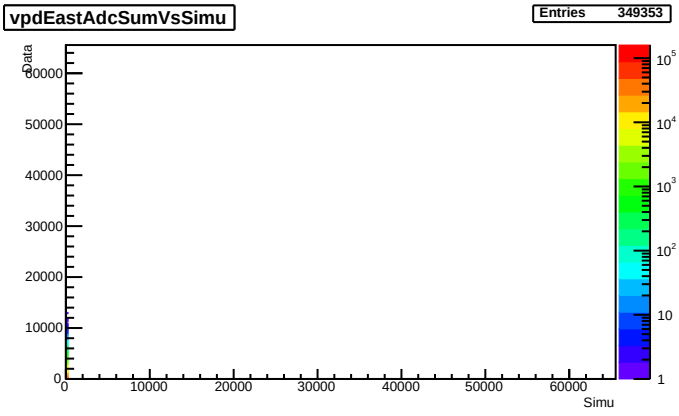
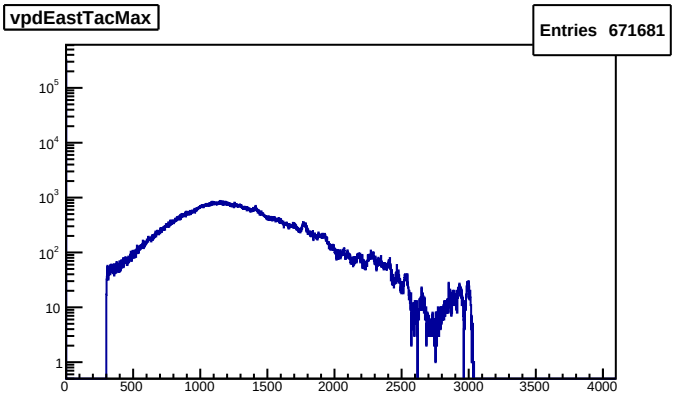
Entries 0
Data
Simu

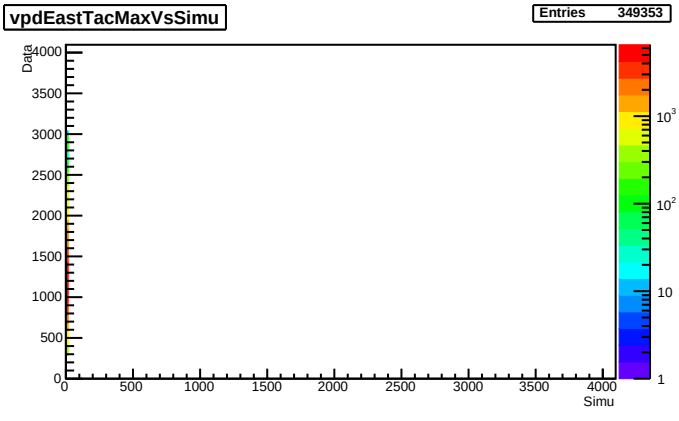

epdWestNHits
Entries 671681

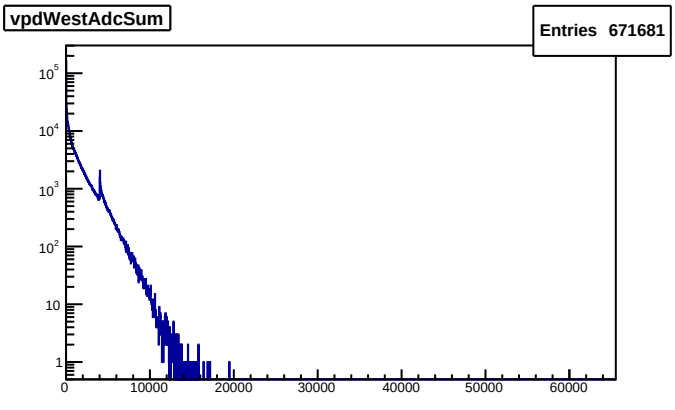

epdWestNHitsVsSimu
Entries 0
Data
Simu

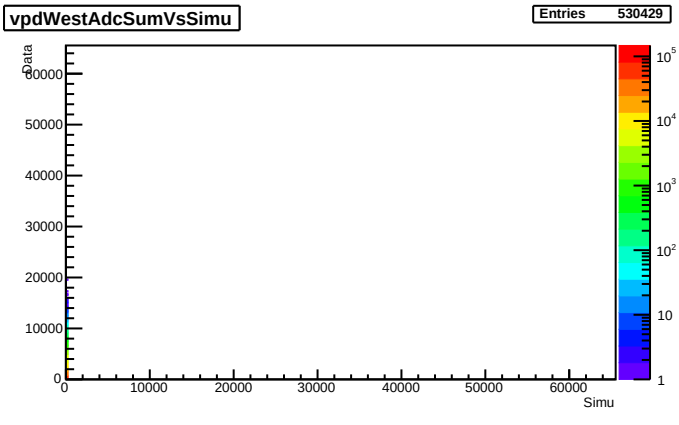

vpdEastAdcSum
Entries 671681

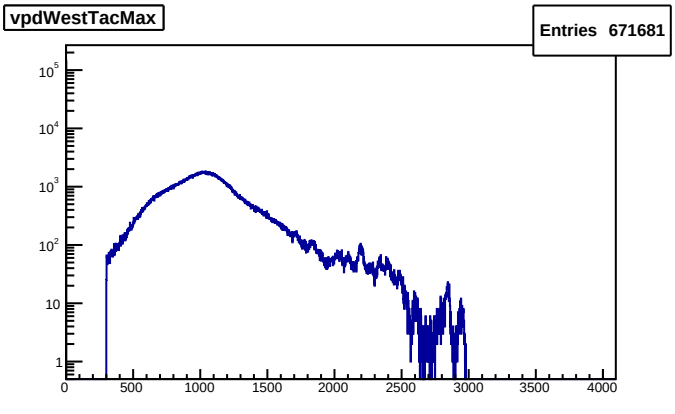

vpdEastAdcSumVsSimu
Entries 349353
Data
Simu

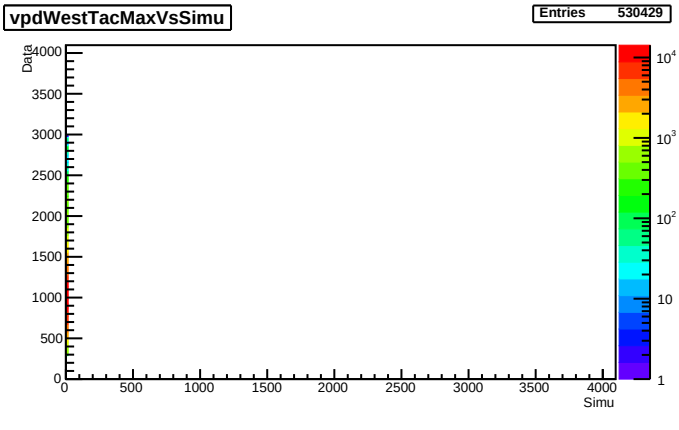

vpdEastTacMax
Entries 671681

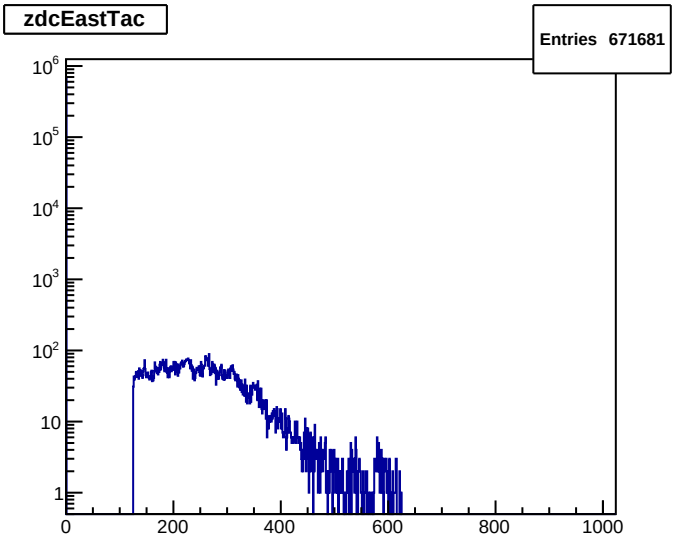

vpdEastTacMaxVsSimu
Entries 349353
Data
Simu

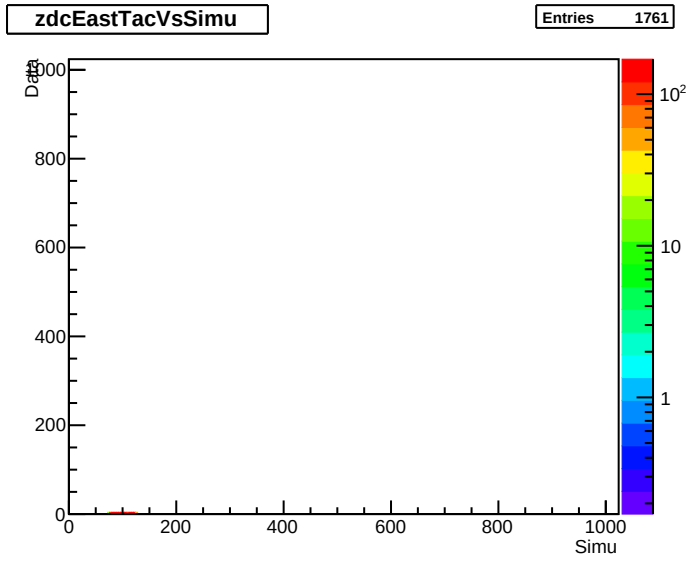

vpdWestAdcSum
Entries 671681

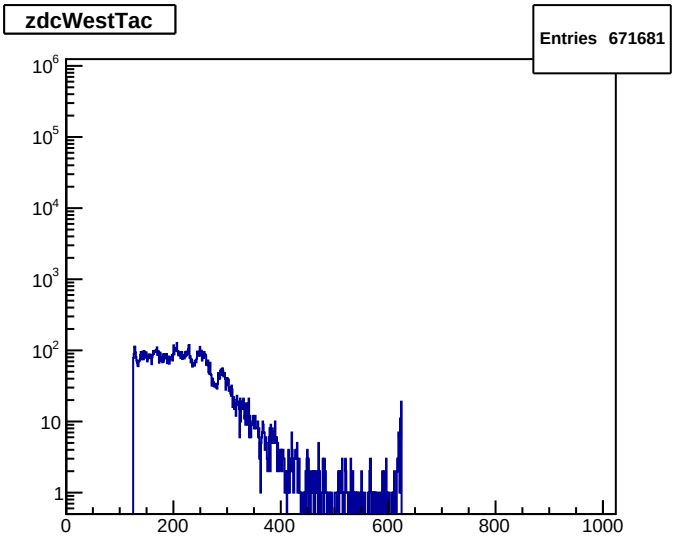

vpdWestAdcSumVsSimu
Entries 530429
Data
Simu

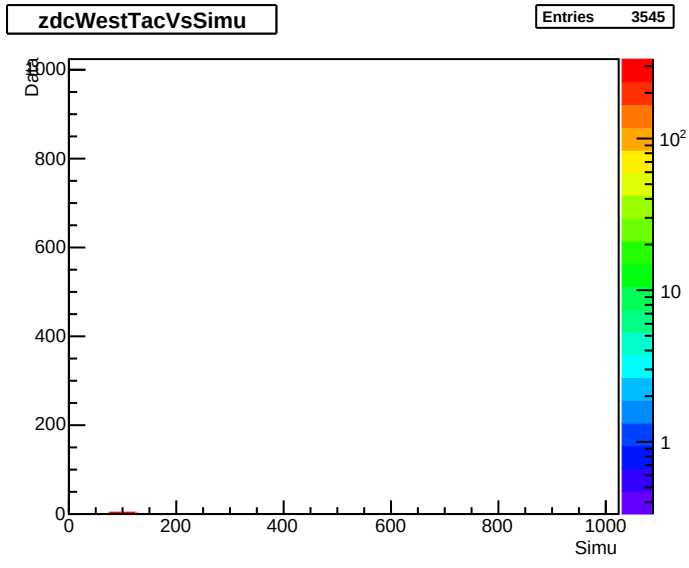

vpdWestTacMax
Entries 671681

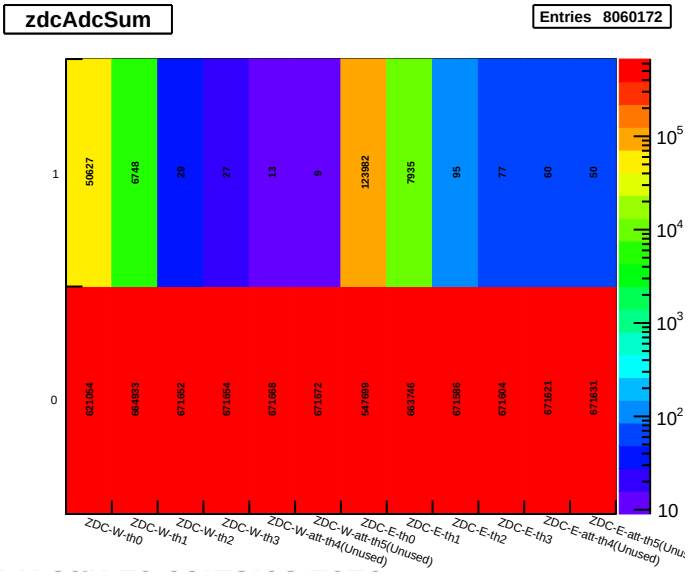

vpdWestTacMaxVsSimu
Entries 530429
Data
Simu

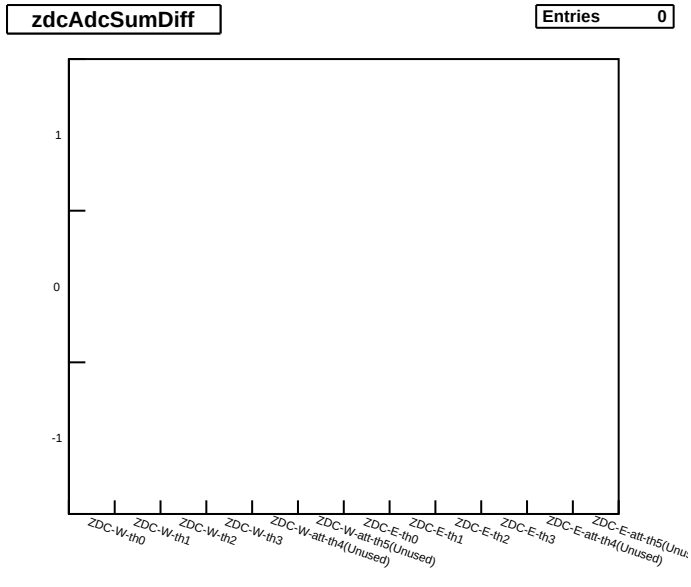

zdcEastTac
Entries 671681

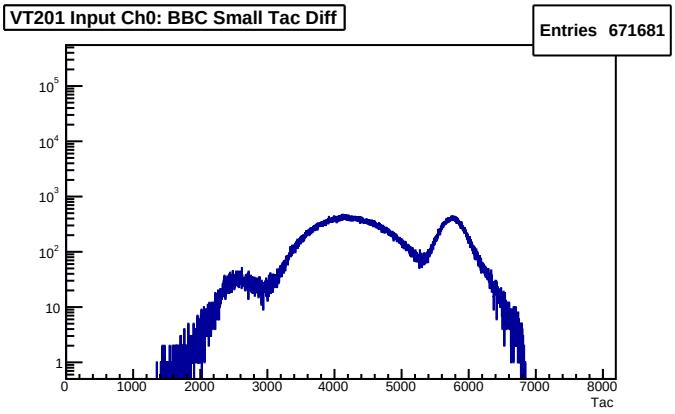

zdcEastTacVsSimu
Entries 1761
Data
Simu

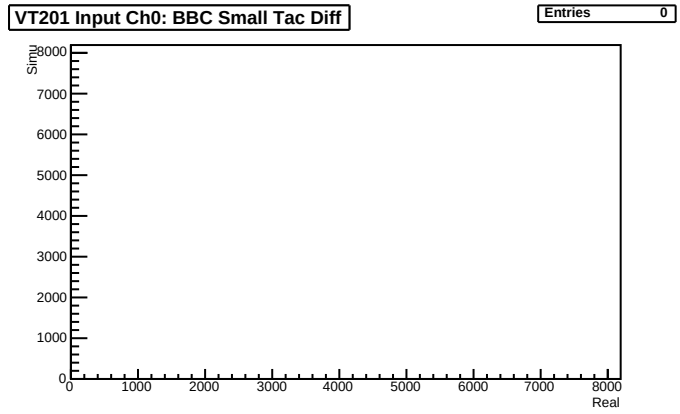

zdcWestTac
Entries 671681

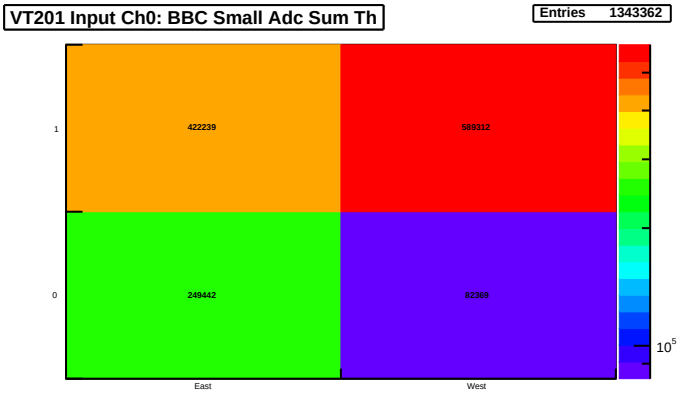

zdcWestTacVsSimu
Entries 3545
Data
Simu

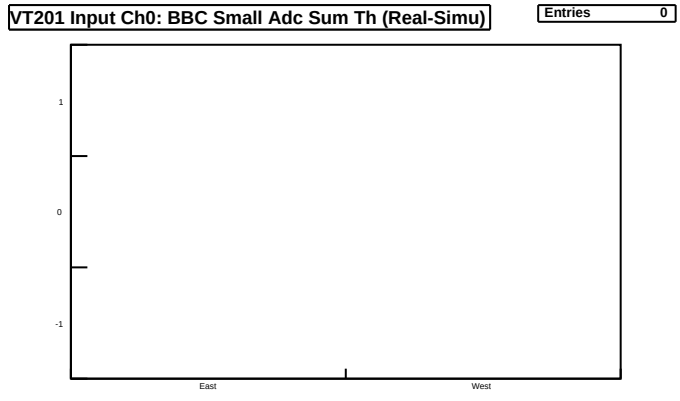

zdcAdcSum
Entries 8060172
50627
6748
29
27
13
9
123982
7935
95
77
60
50
621054
664933
671652
671654
671668
671672
547699
663746
671586
671604
671621
671631
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

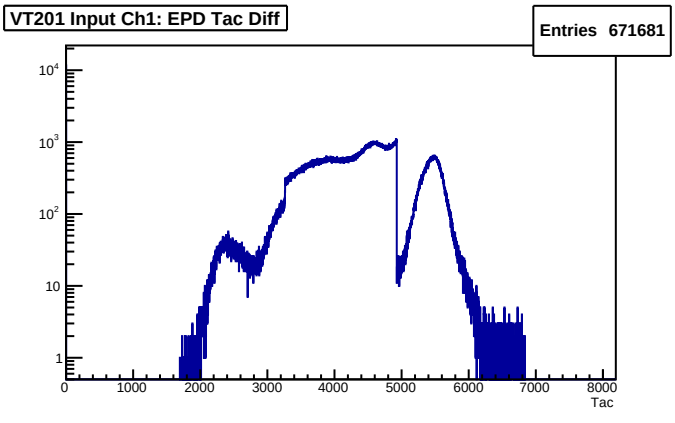

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

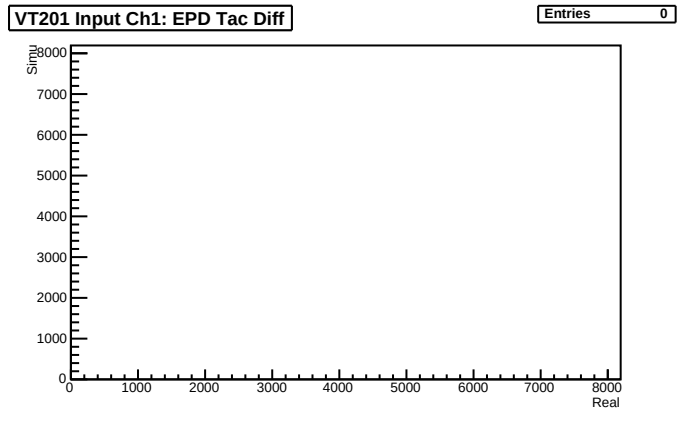

VT201 Input Ch0: BBC Small Tac Diff
Entries 671681
Tac

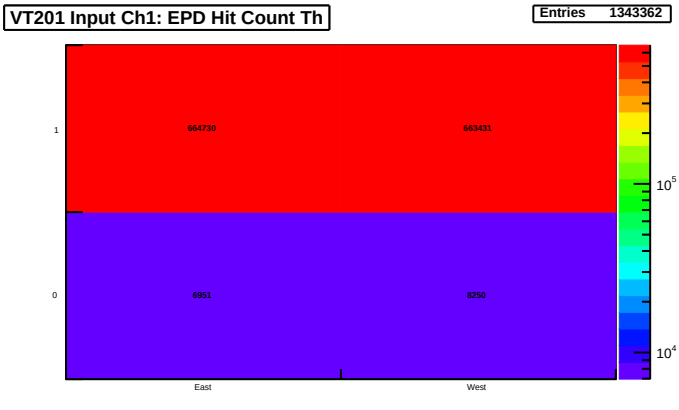

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

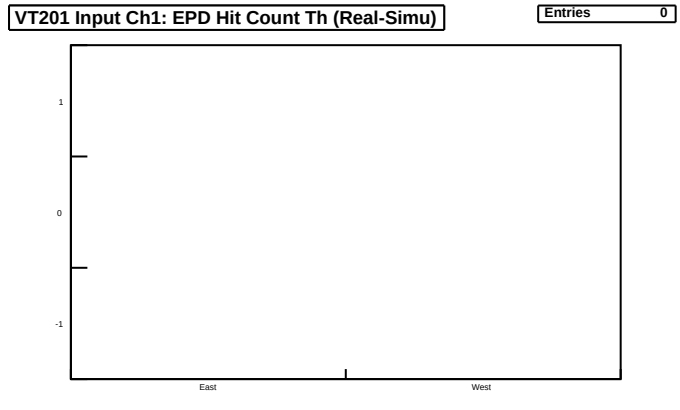

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1343362
422239
589312
249442
82369
East
West

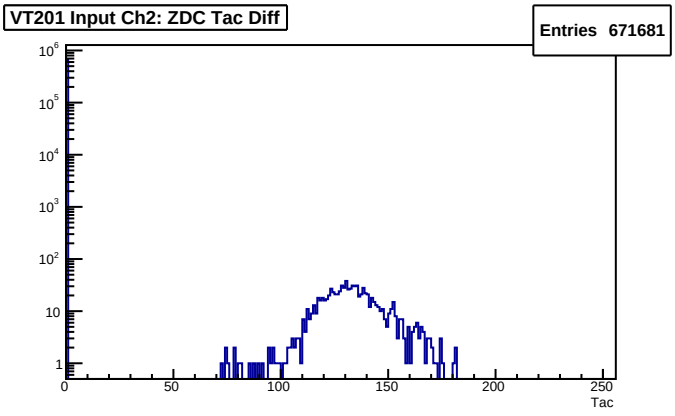

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

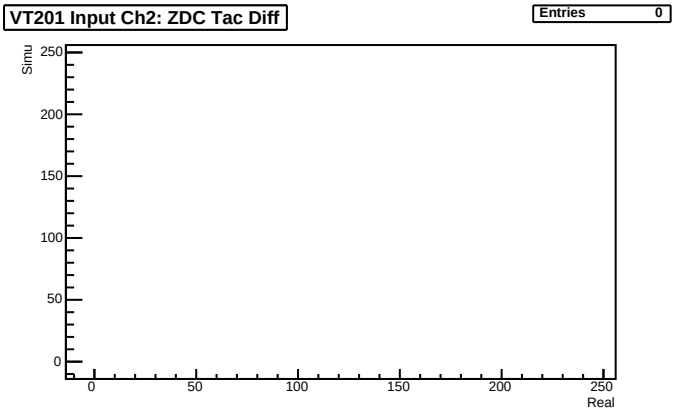

VT201 Input Ch1: EPD Tac Diff
Entries 671681
Tac

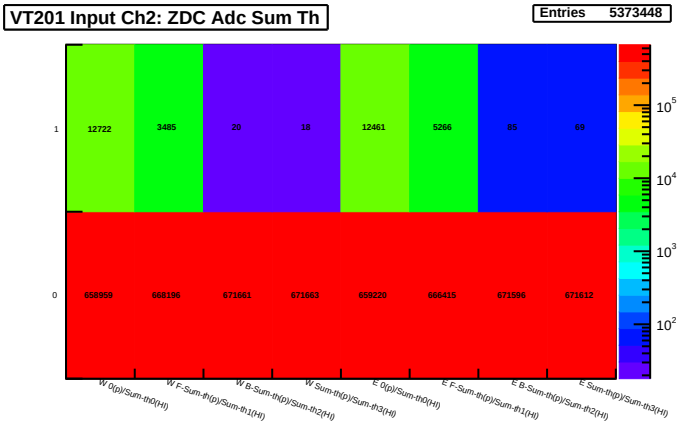

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

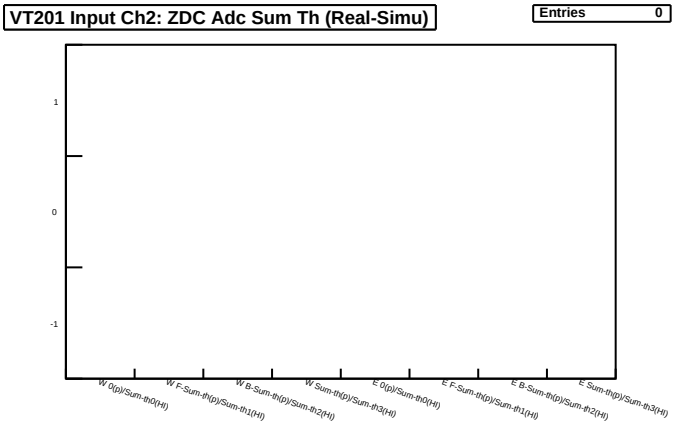

VT201 Input Ch1: EPD Hit Count Th
Entries 1343362
664730
663431
6951
8250
East
West

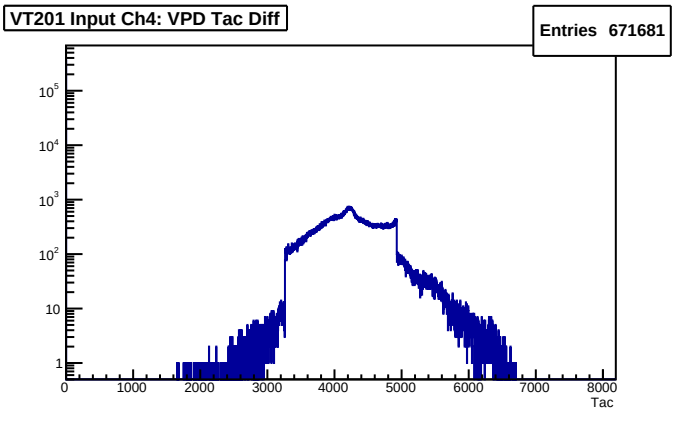

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

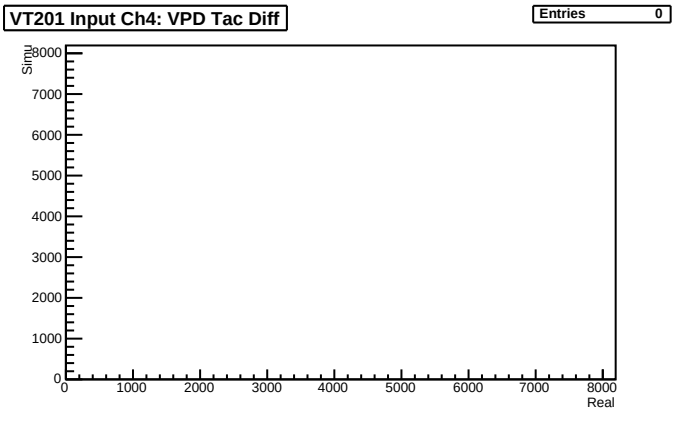

VT201 Input Ch2: ZDC Tac Diff
Entries 671681
Tac

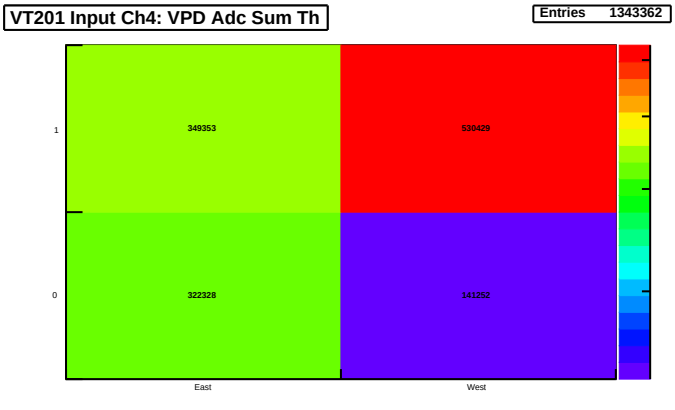

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

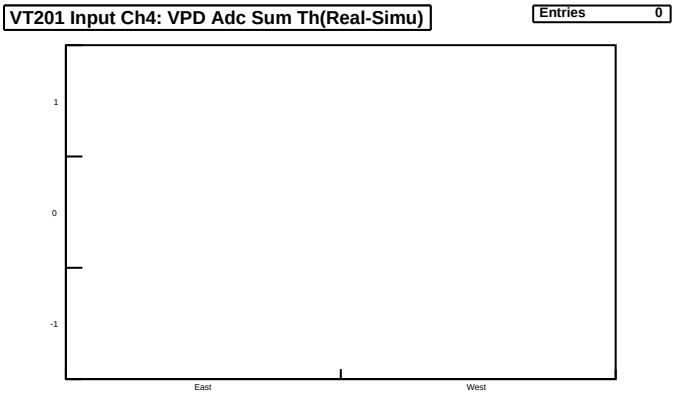

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5373448
12722
3485
20
18
12461
5266
85
69
658959
668196
671661
671663
659220
666415
671596
671612
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

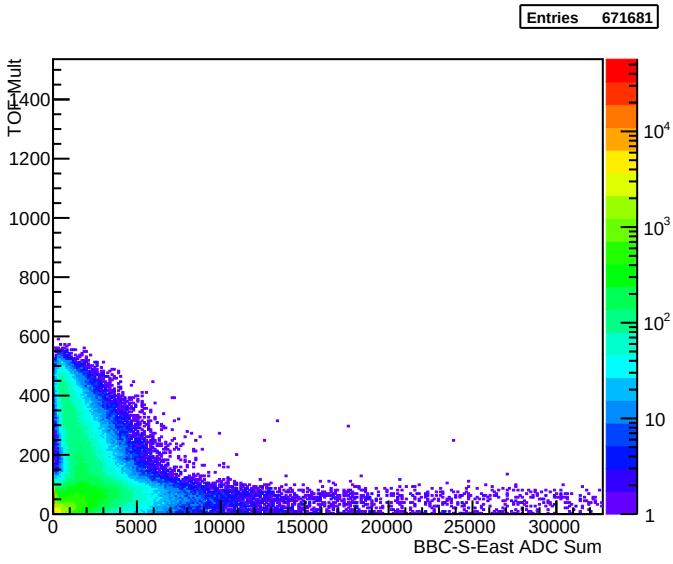

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

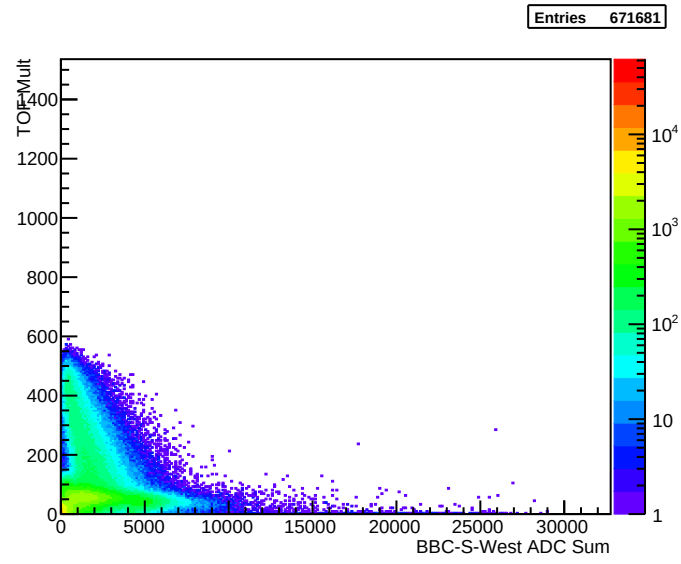

VT201 Input Ch4: VPD Tac Diff
Entries 671681
Tac

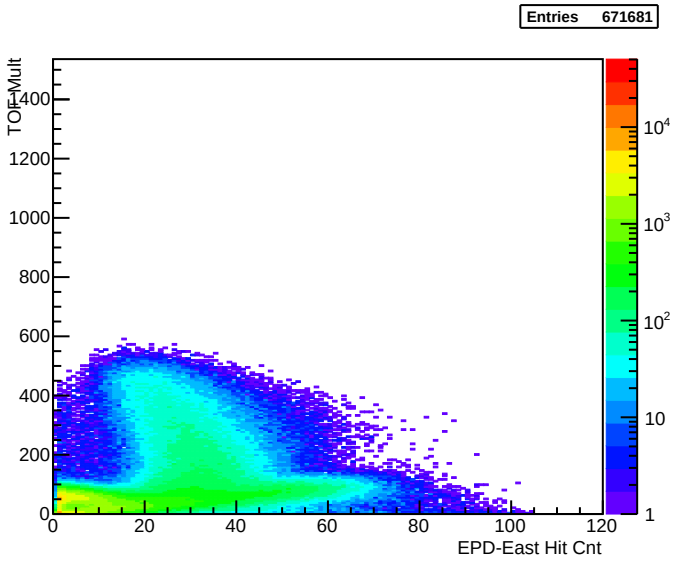

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

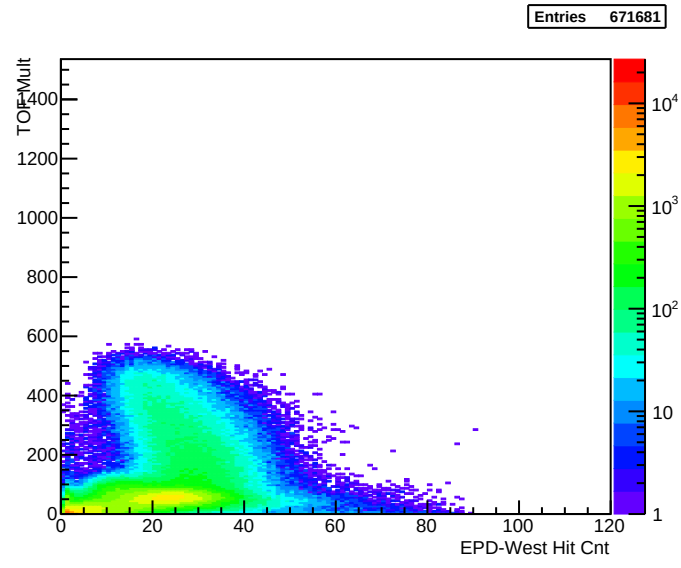

VT201 Input Ch4: VPD Adc Sum Th
Entries 1343362
349353
530429
322328
141252
East
West

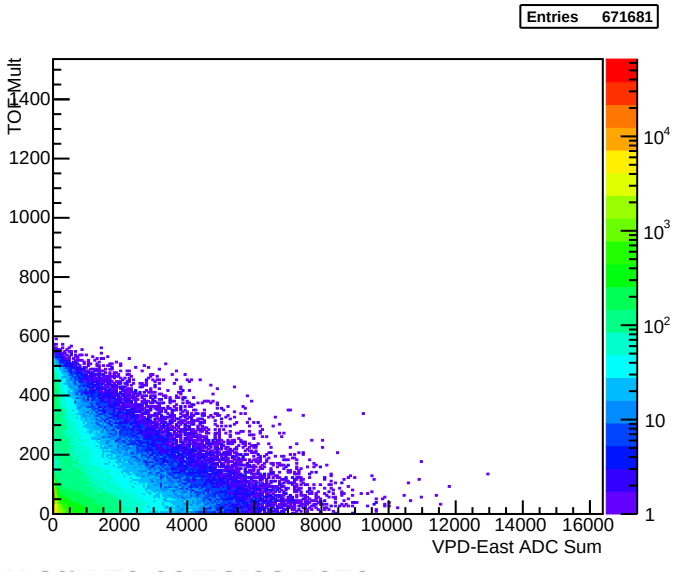

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

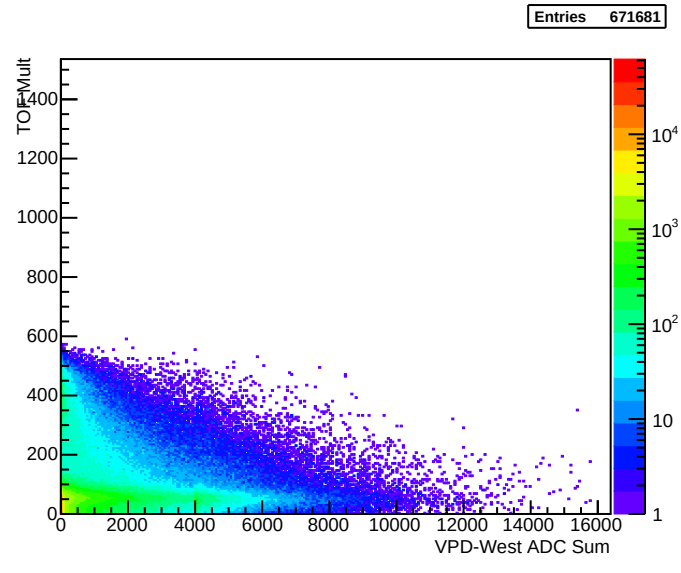

Entries 671681
TOF-Mult
BBC-S-East ADC Sum

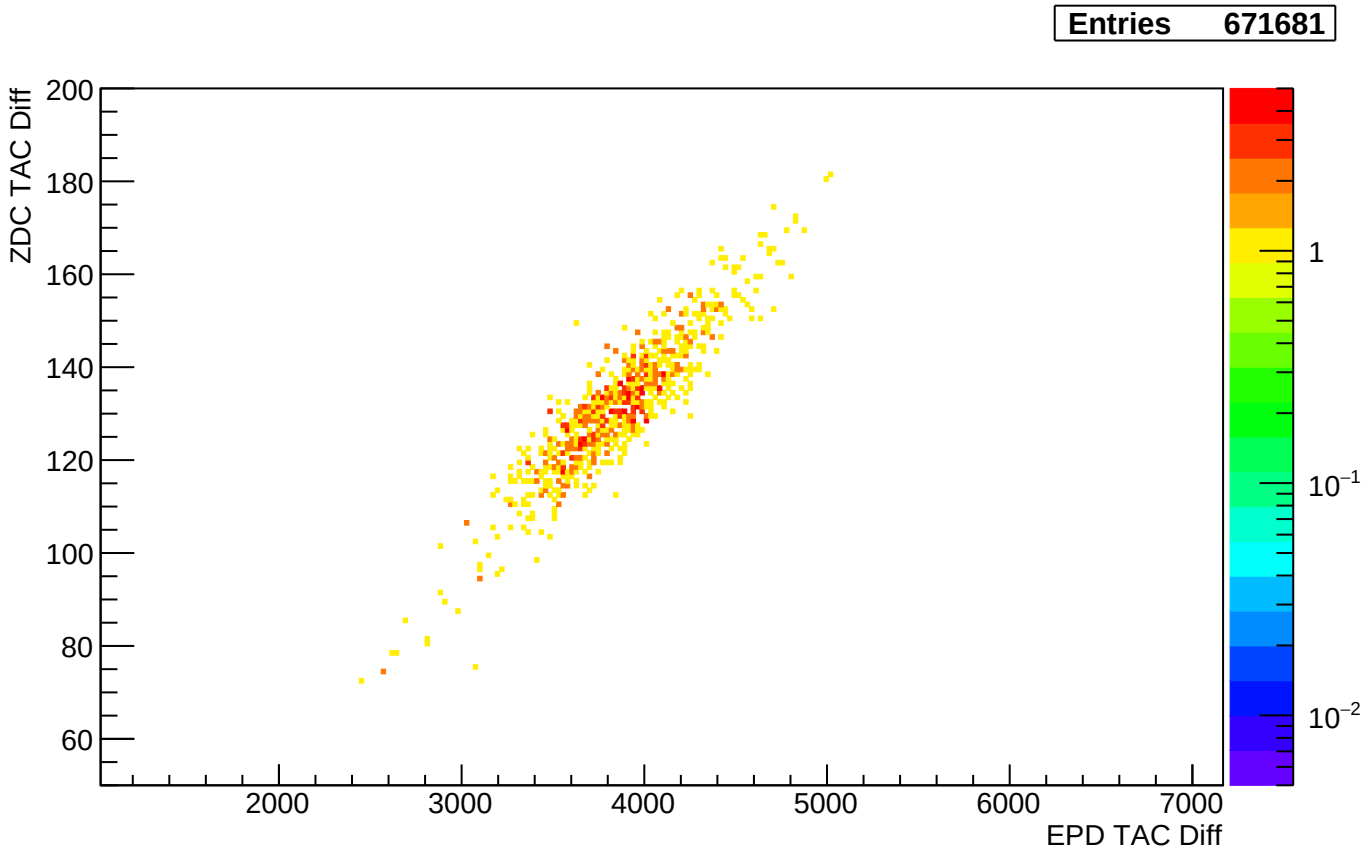

Entries 671681
TOF-Mult
BBC-S-West ADC Sum

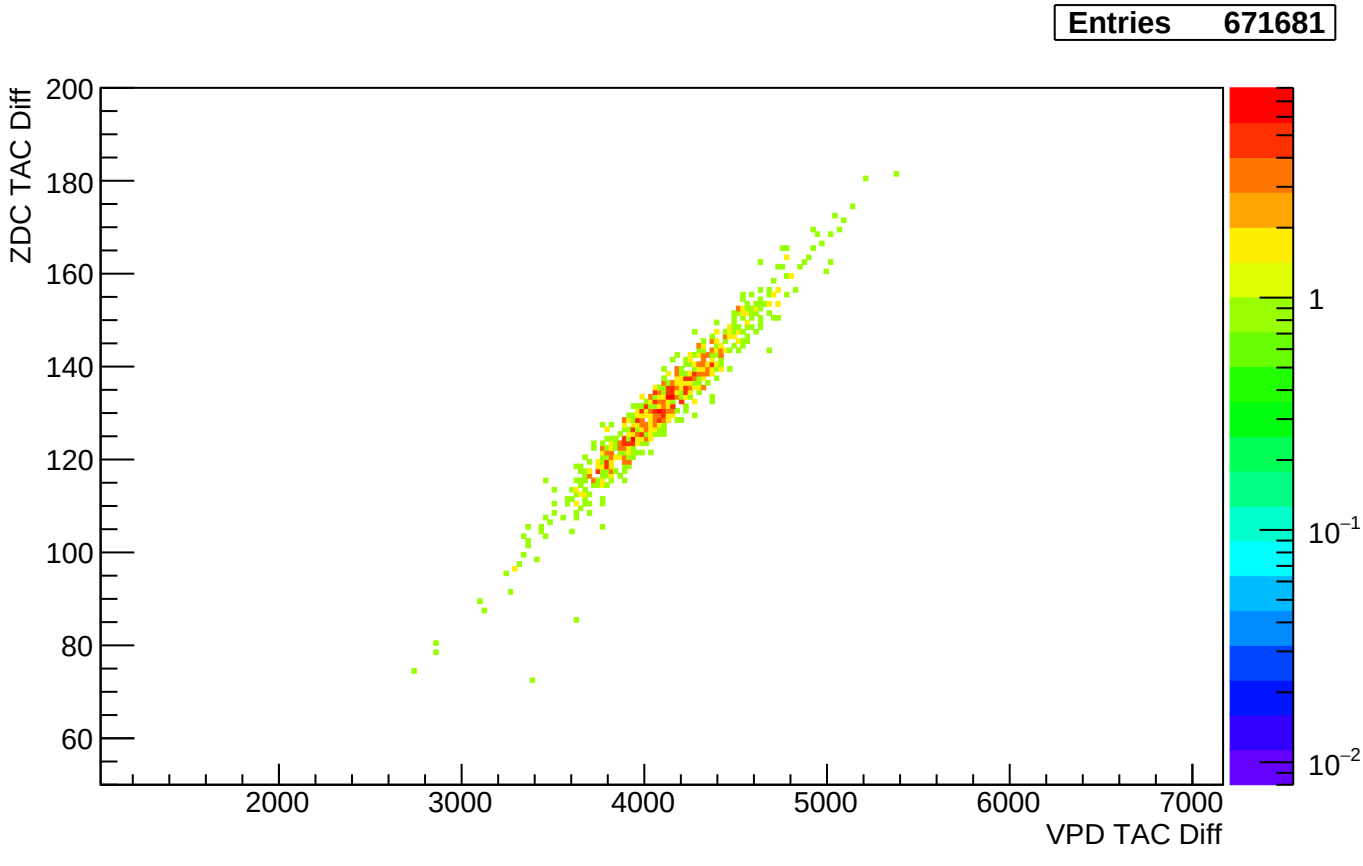

Entries 671681
TOF-Mult
EPD-East Hit Cnt

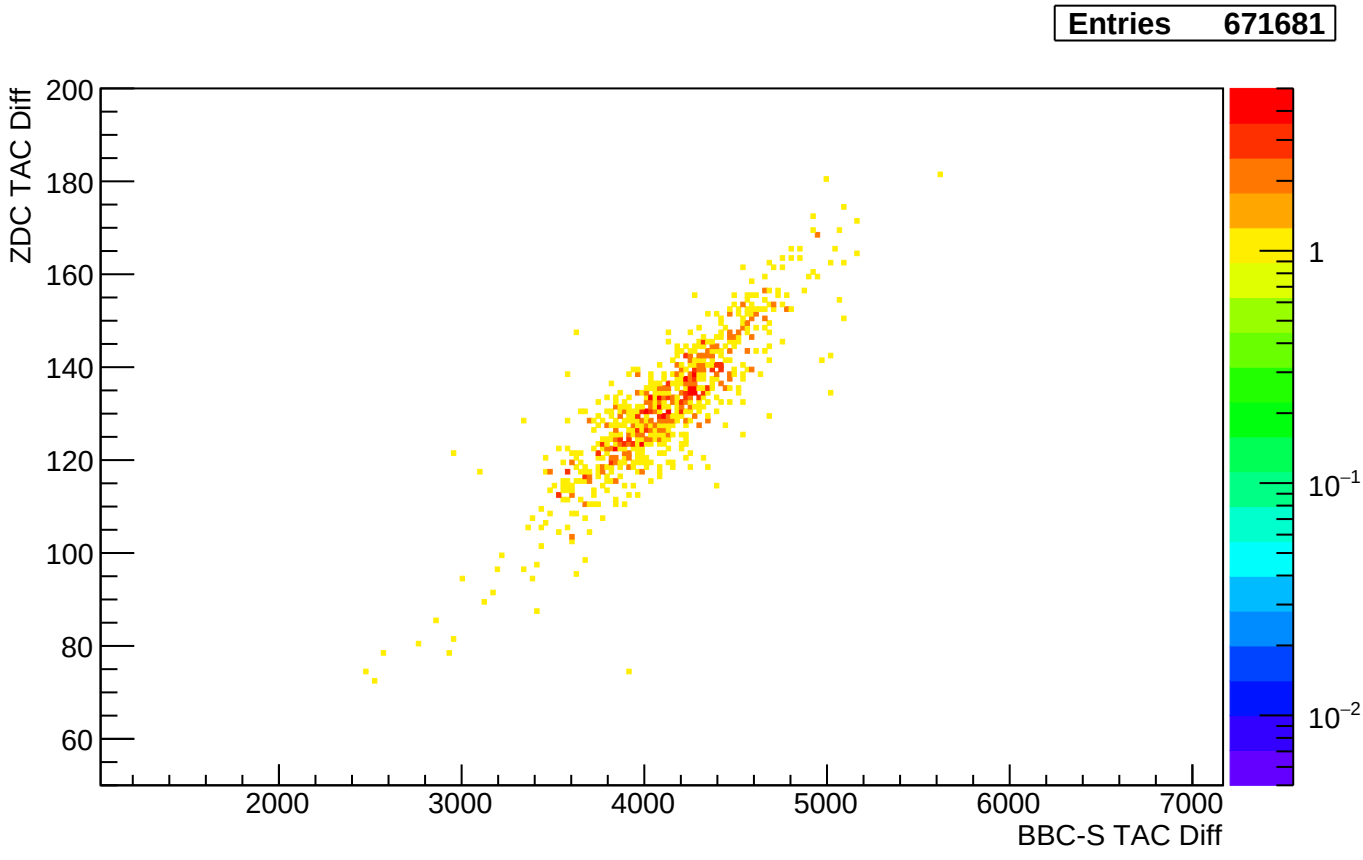

Entries 671681
TOF-Mult
EPD-West Hit Cnt

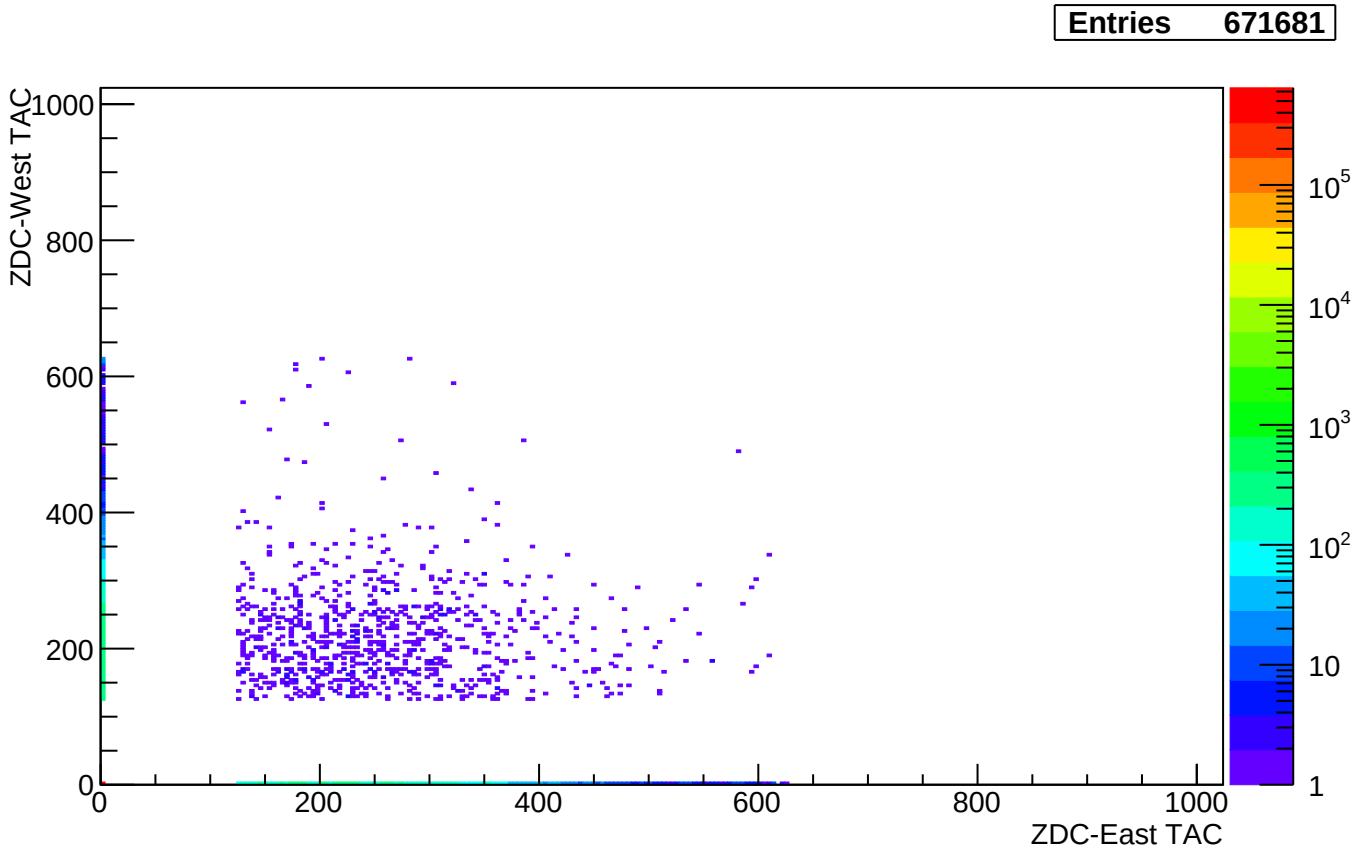

Entries 671681
TOF-Mult
VPD-East ADC Sum

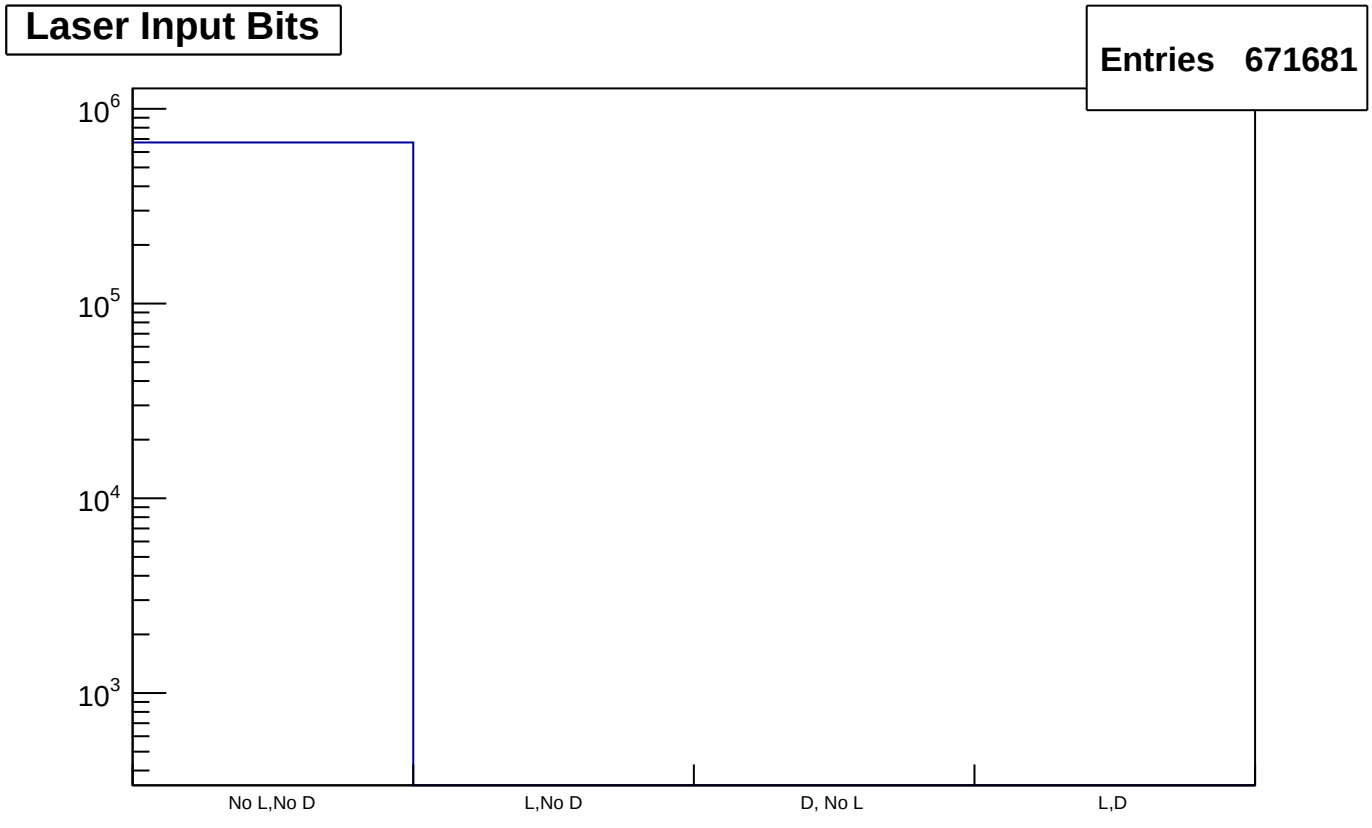

Entries 671681
TOF-Mult
VPD-West ADC Sum

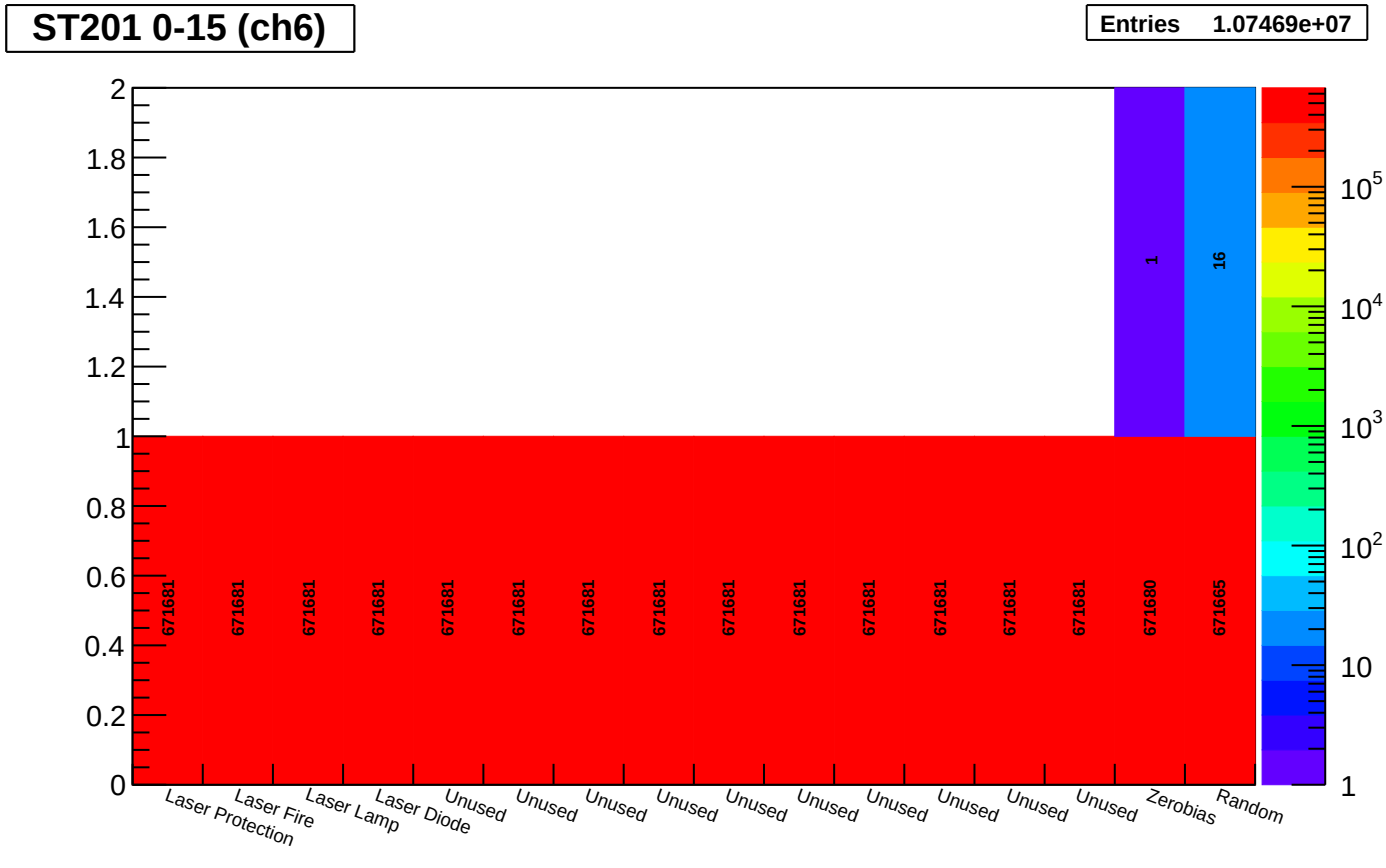

Entries 671681
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

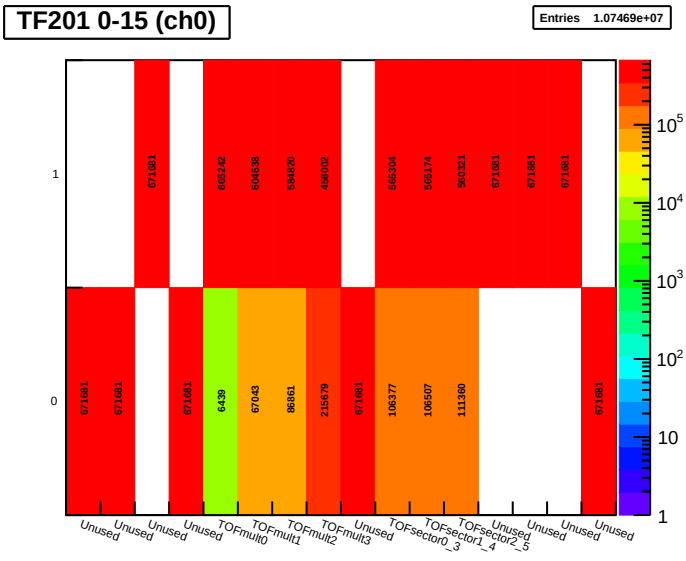

Entries 671681
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

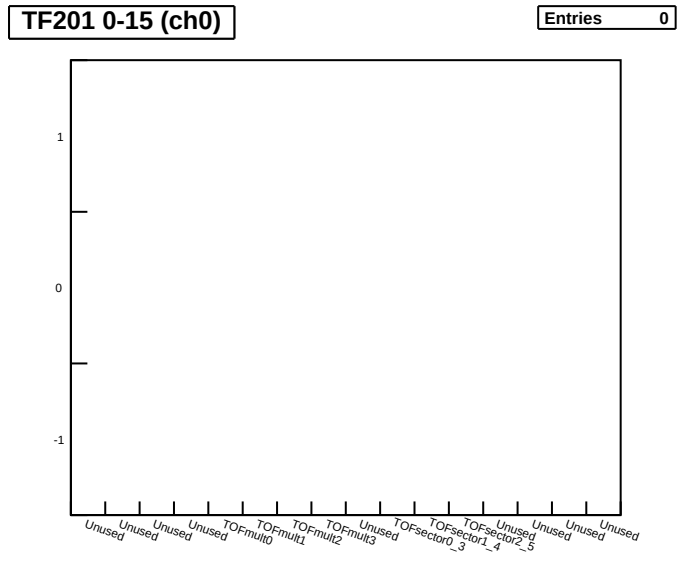

Entries 671681
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

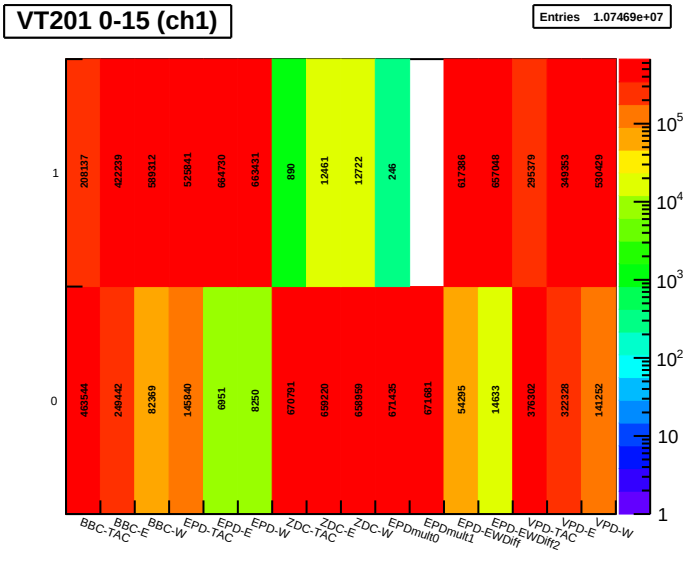

Entries 671681
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

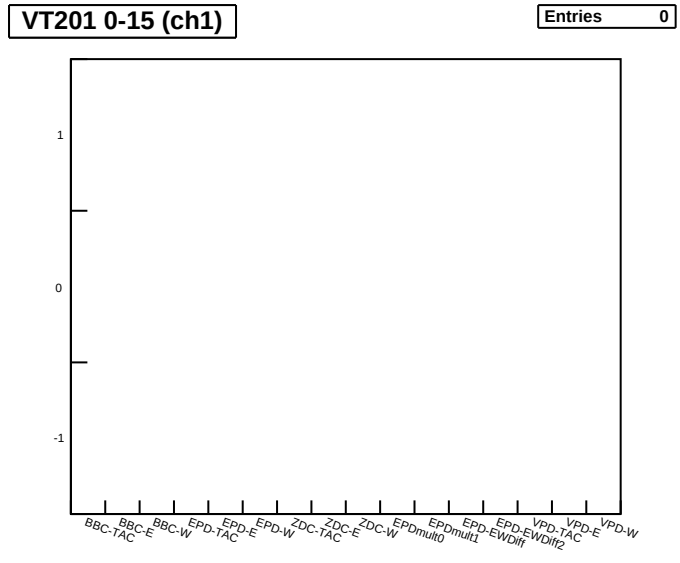

Laser Input Bits
Entries 671681
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

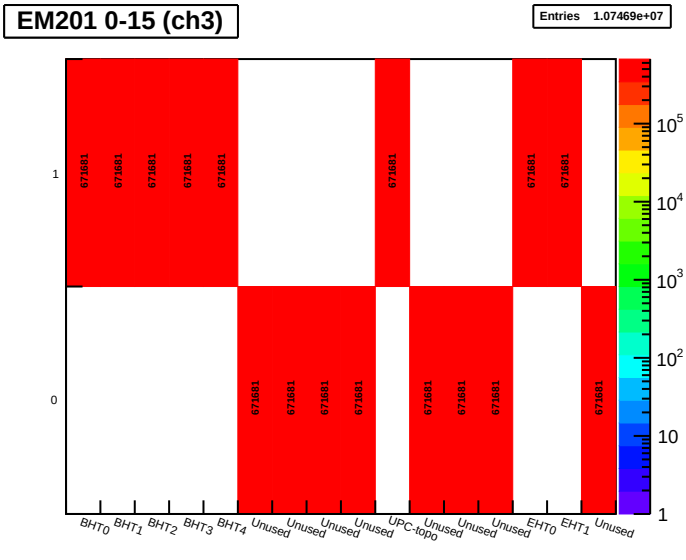

ST201 0-15 (ch6)
Entries 1.07469e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
671681
671681
671681
671681
671681
671681
671681
671681
671681
671681
671681
671681
671681
671681
671680
671665
1
16
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

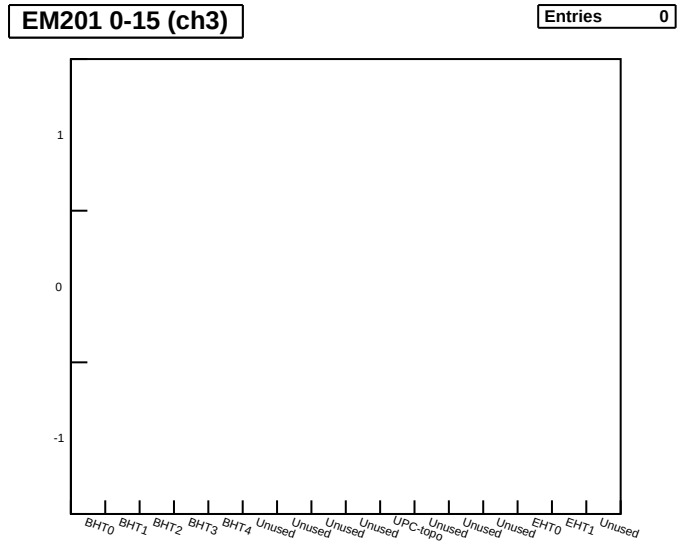

TF201 0-15 (ch0)
Entries 1.07469e+07
1
0
671681
671681
671681
671681
665242
604638
534820
456002
565304
565174
560321
671681
671681
671681
6439
67043
86861
215679
106377
106507
111360
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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 1.07469e+07
1
0
208137
422239
593312
525841
664730
663431
890
12461
12722
246
617386
657048
295379
349353
530429
463544
249442
82369
145840
6951
8250
670791
659220
658959
671435
671681
54295
14633
376302
322328
141252
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 1.07469e+07
1
0
671681
671681
671681
671681
671681
671681
671681
671681
671681
671681
671681
671681
671681
671681
671681
671681
671681
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