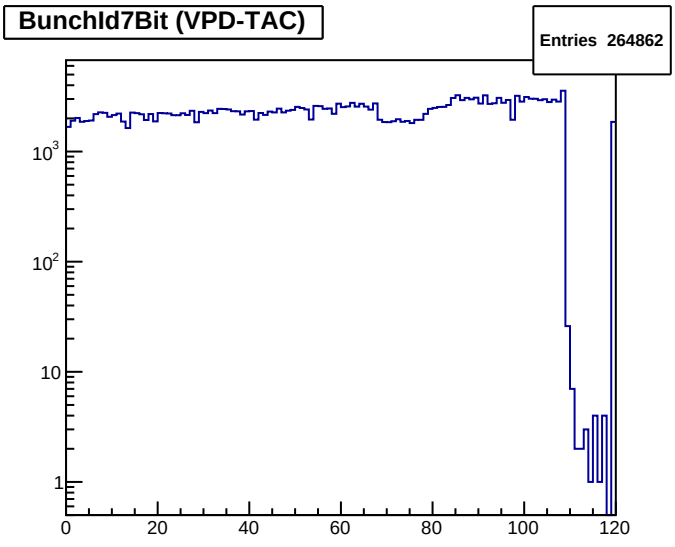
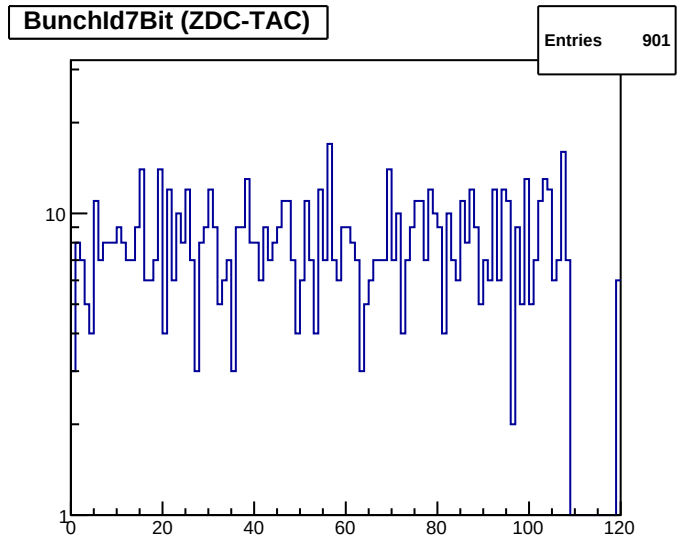
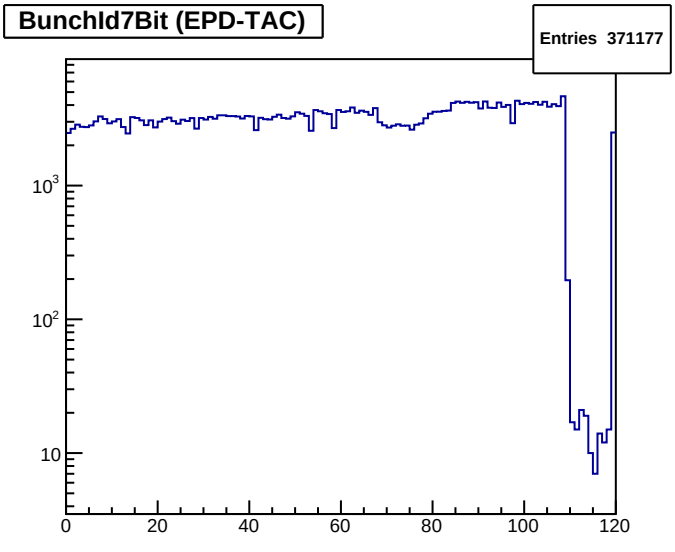
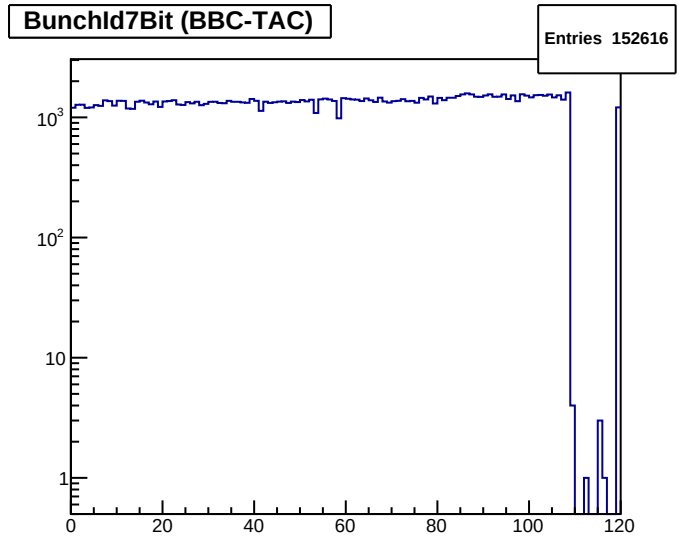
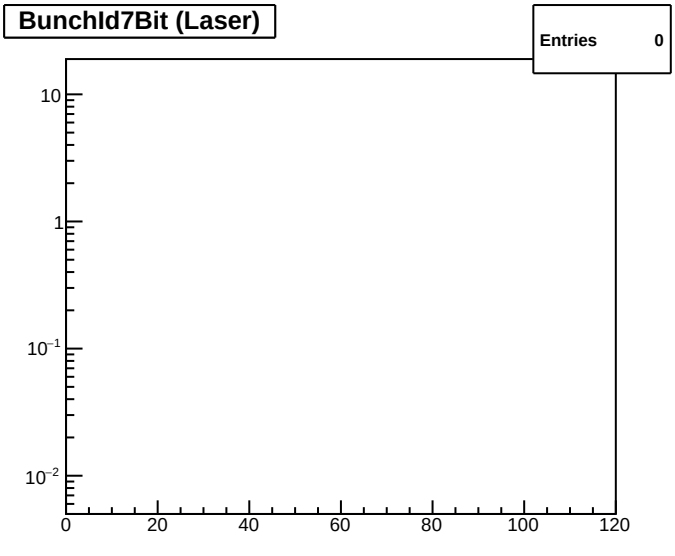
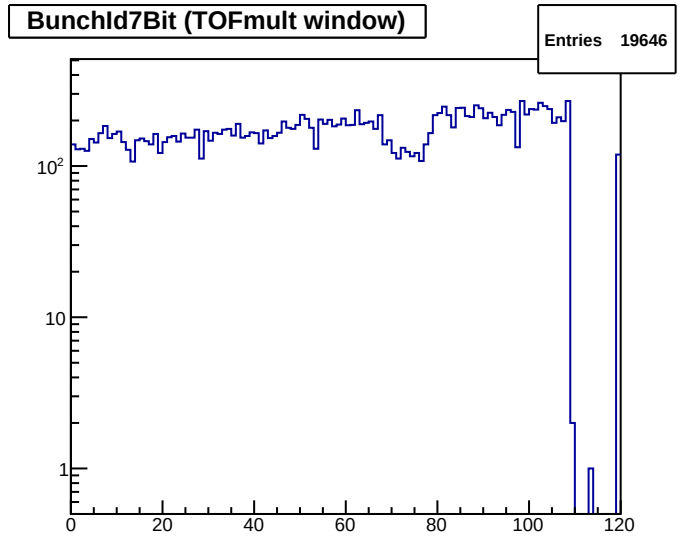

BunchId7Bit (VPD-TAC)
Entries 264862

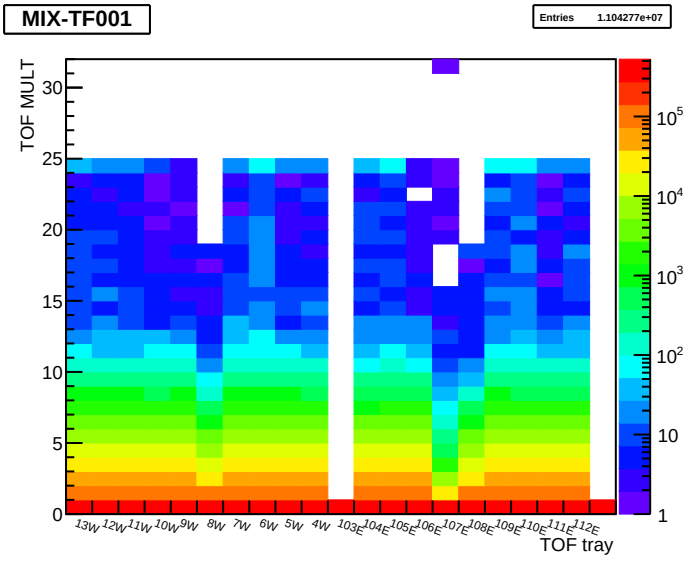

BunchId7Bit (ZDC-TAC)
Entries 901

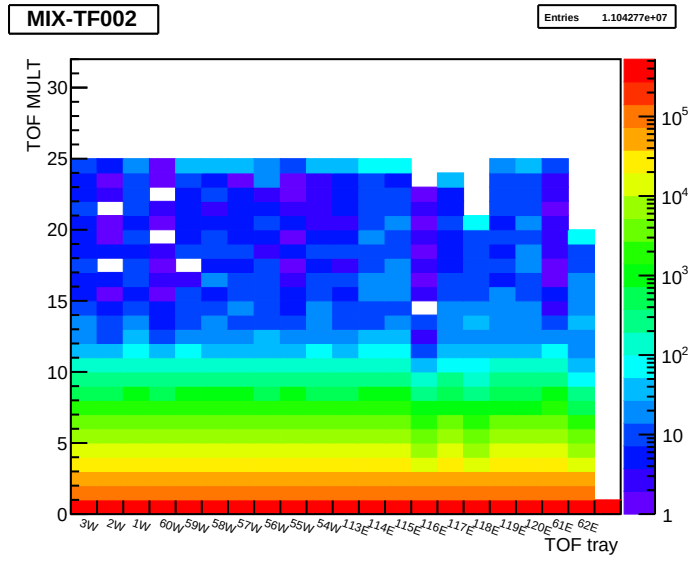

BunchId7Bit (EPD-TAC)
Entries 371177

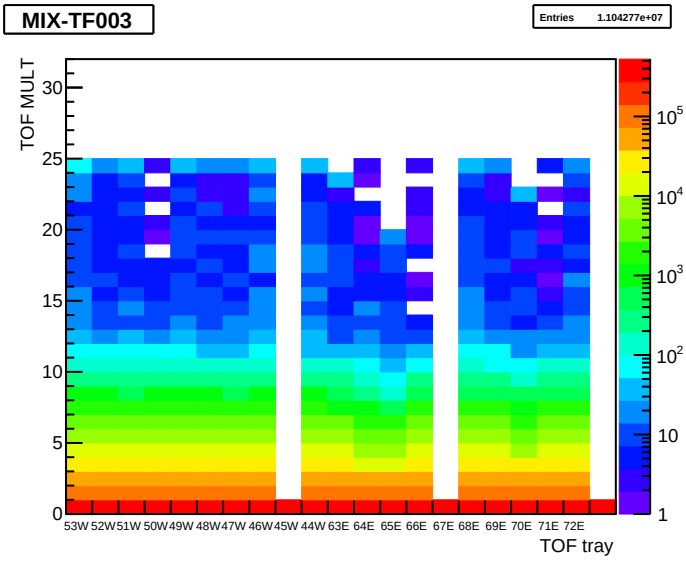

BunchId7Bit (BBC-TAC)
Entries 152616

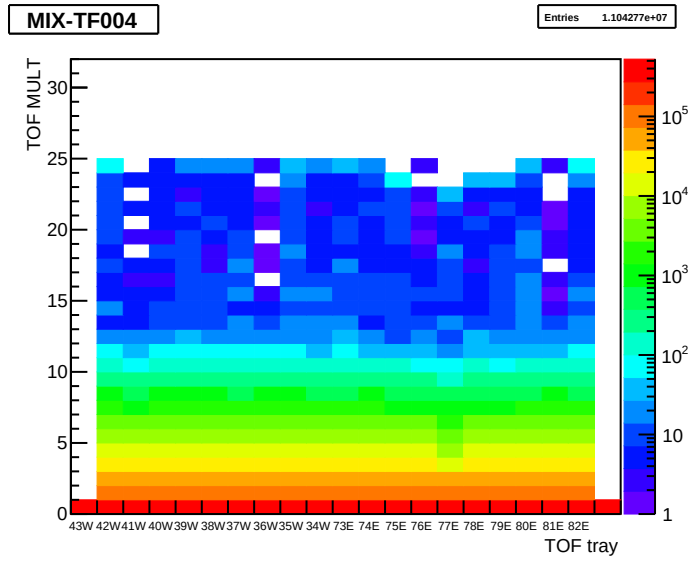

BunchId7Bit (Laser)
Entries 0

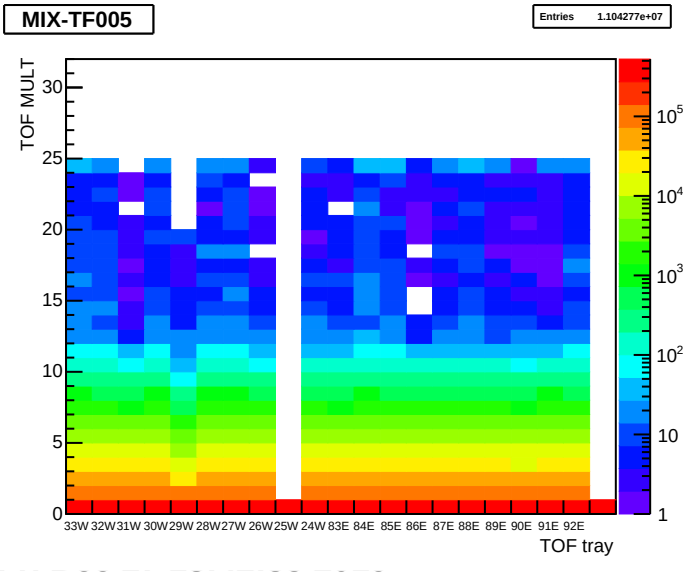

BunchId7Bit (TOFmult window)
Entries 19646

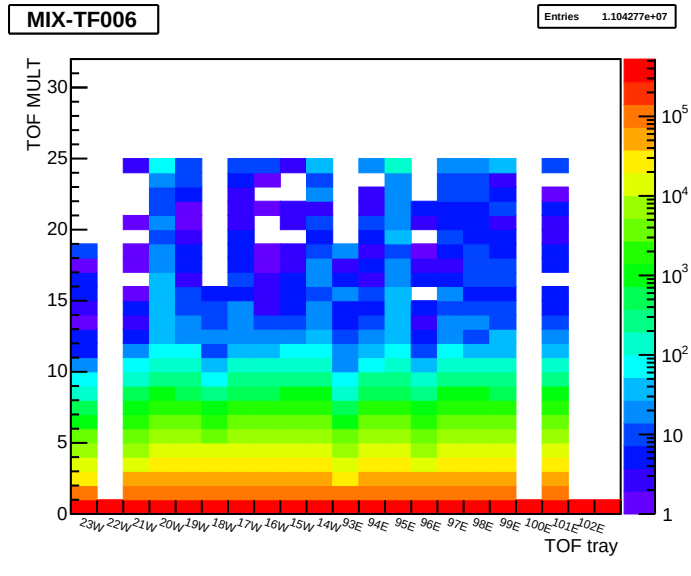

MIX-TF001
Entries 1.104277e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

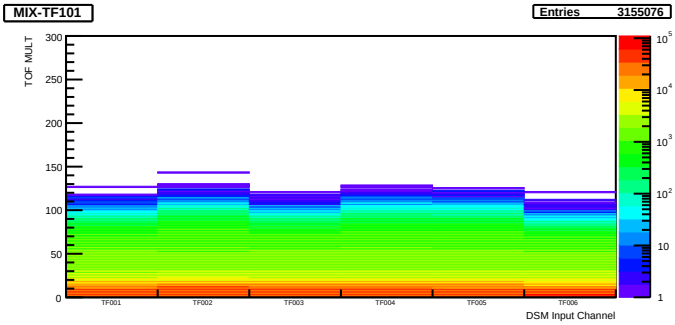

MIX-TF002
Entries 1.104277e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

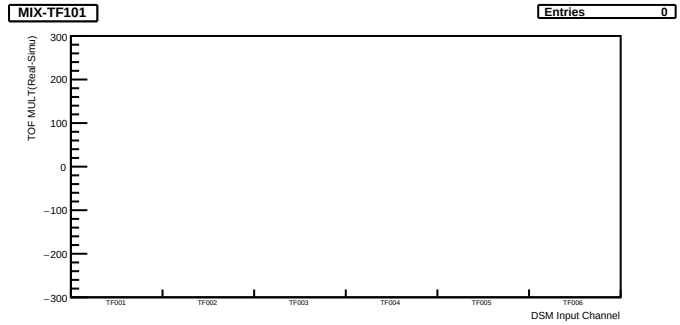

MIX-TF003
Entries 1.104277e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

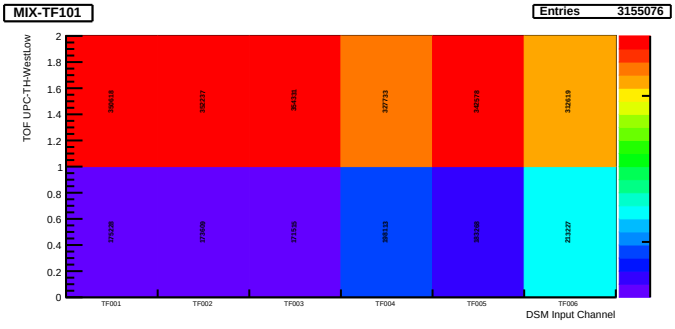

MIX-TF004
Entries 1.104277e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

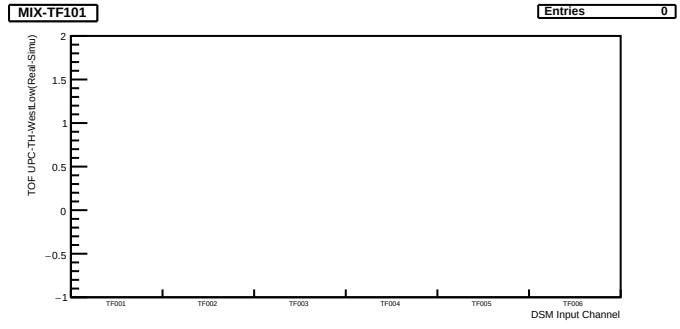

MIX-TF005
Entries 1.104277e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

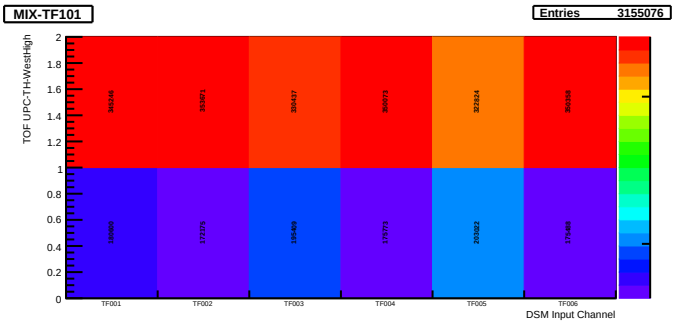

MIX-TF006
Entries 1.104277e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

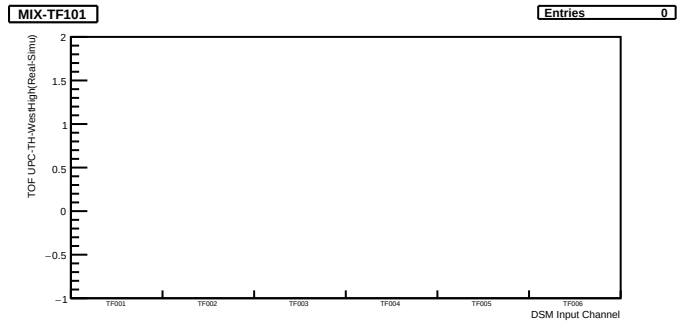

MIX-TF101
Entries 3155076
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

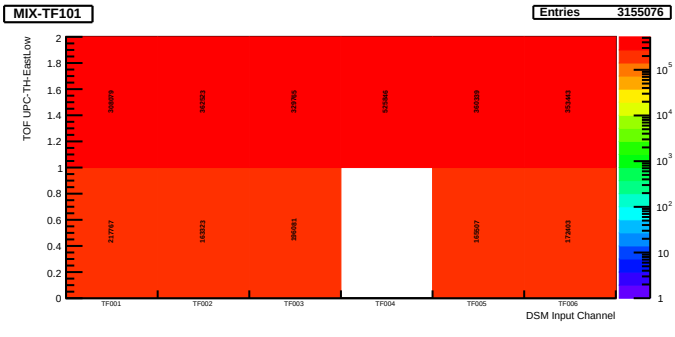

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

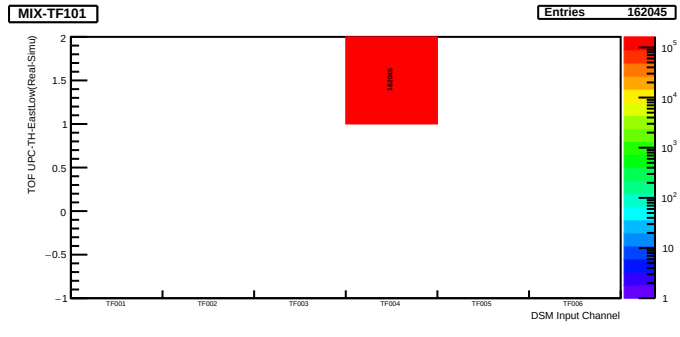

MIX-TF101
Entries 3155076
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

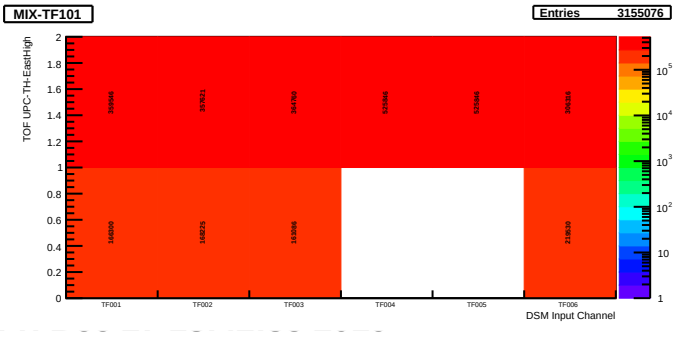

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

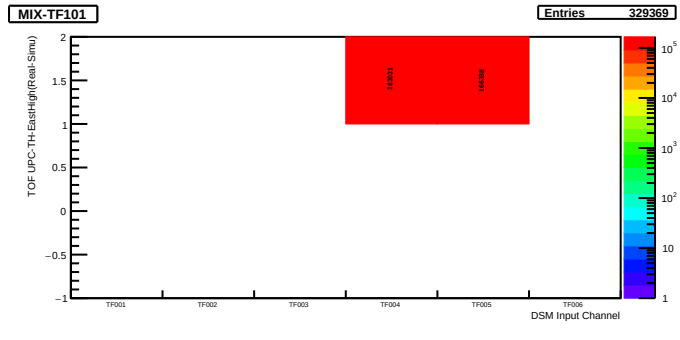

MIX-TF101
Entries 3155076
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

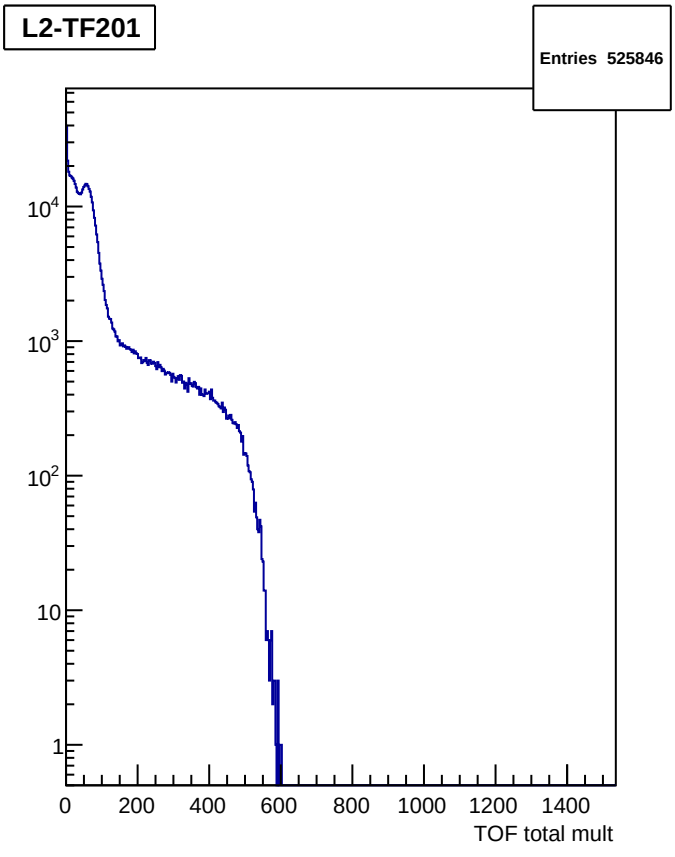

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

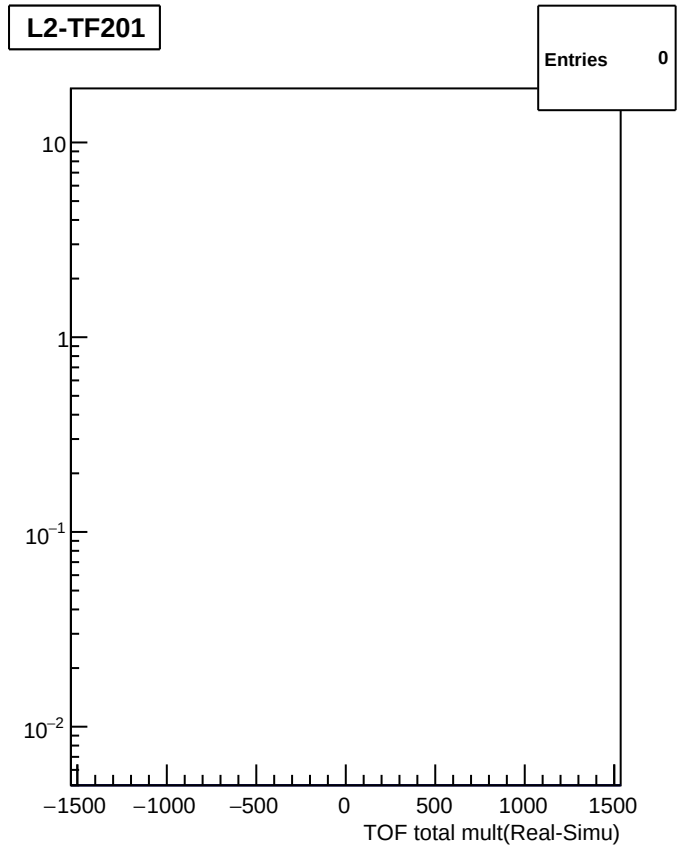

MIX-TF101
Entries 3155076
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

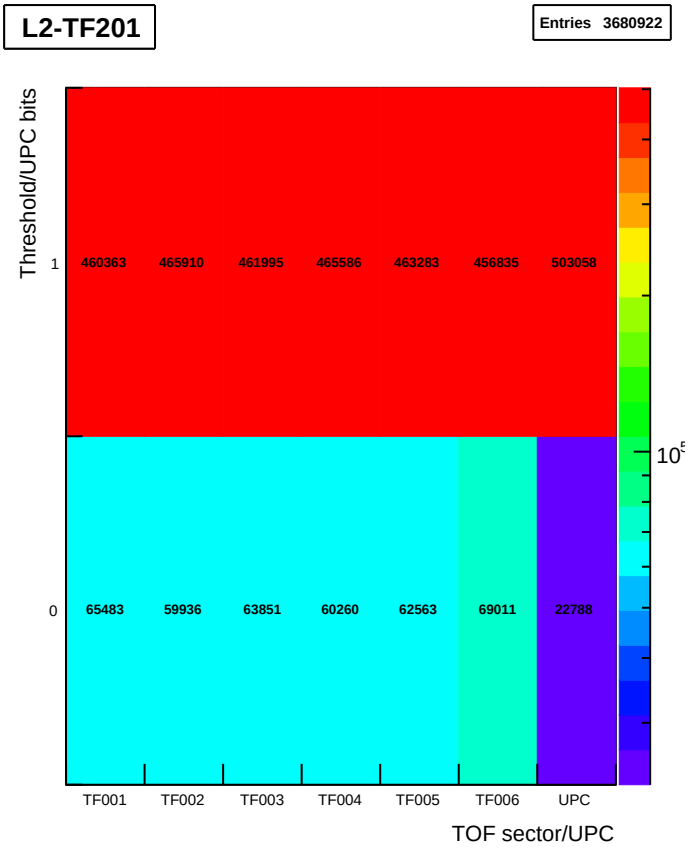

MIX-TF101
Entries 162045
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

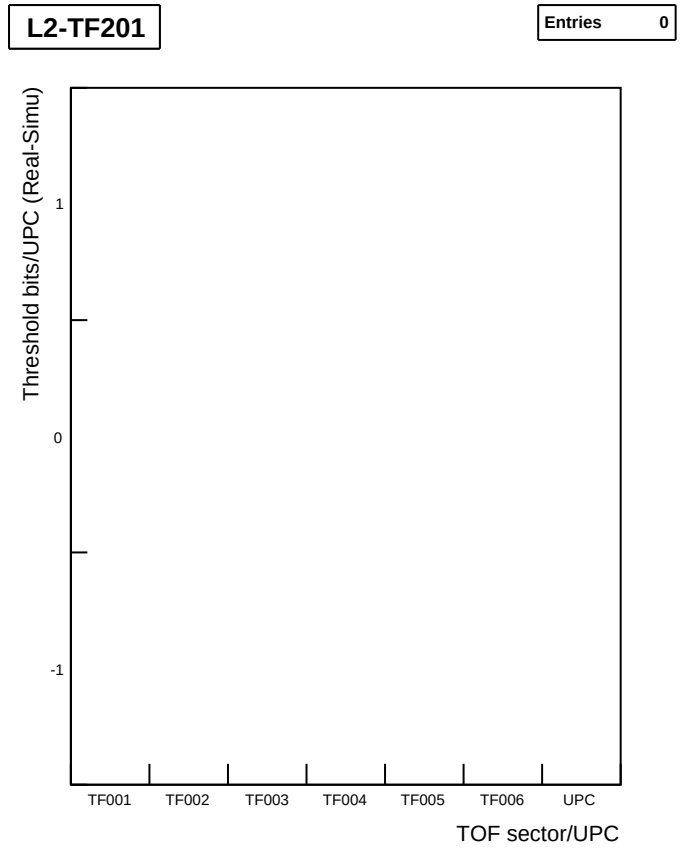

MIX-TF101
Entries 3155076
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

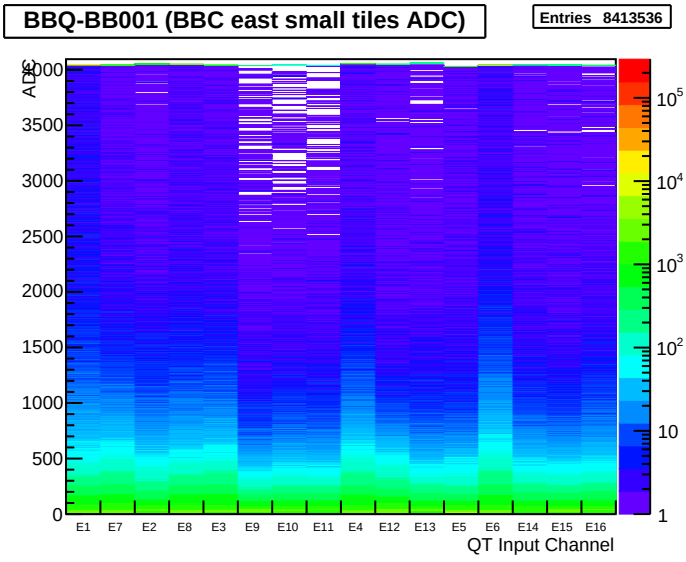

MIX-TF101
Entries 329369
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

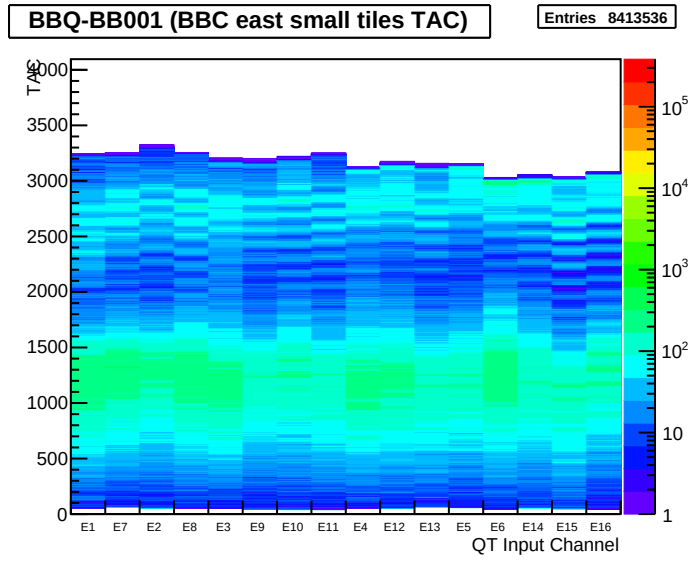

L2-TF201
Entries 525846
TOF total mult

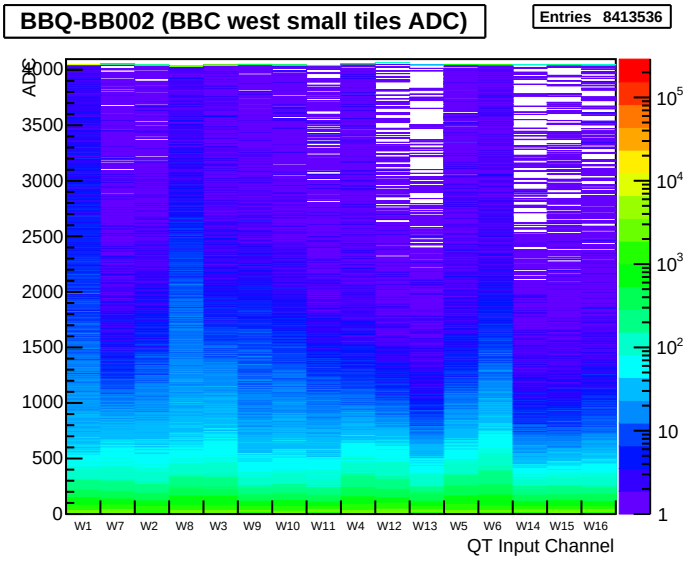

L2-TF201
Entries 0
TOF total mult(Real-Simu)

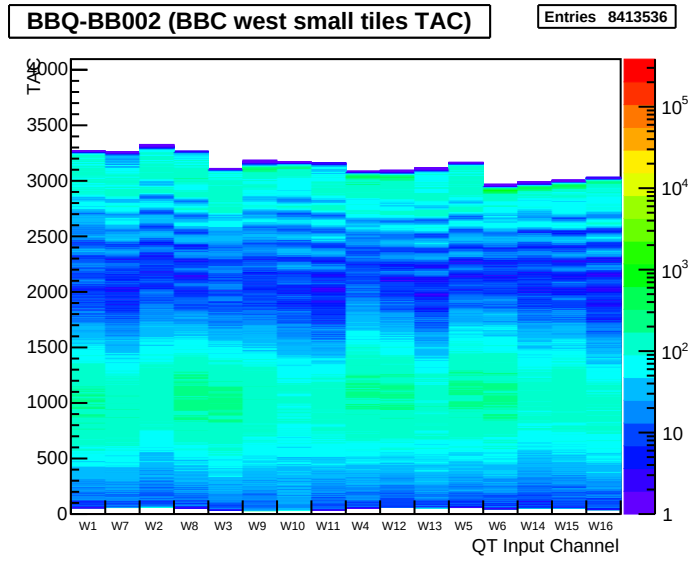

L2-TF201
Entries 3680922
Threshold/UPC bits
460363
465910
461995
465586
463283
456835
503058
65483
59936
63851
60260
62563
69011
22788
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

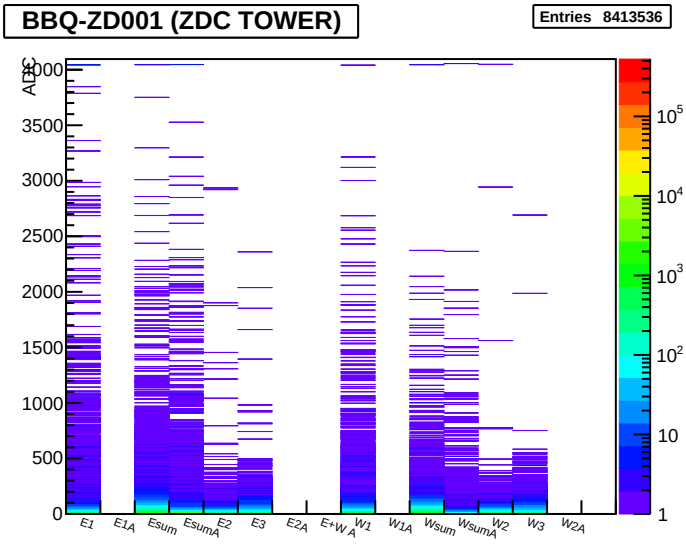

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

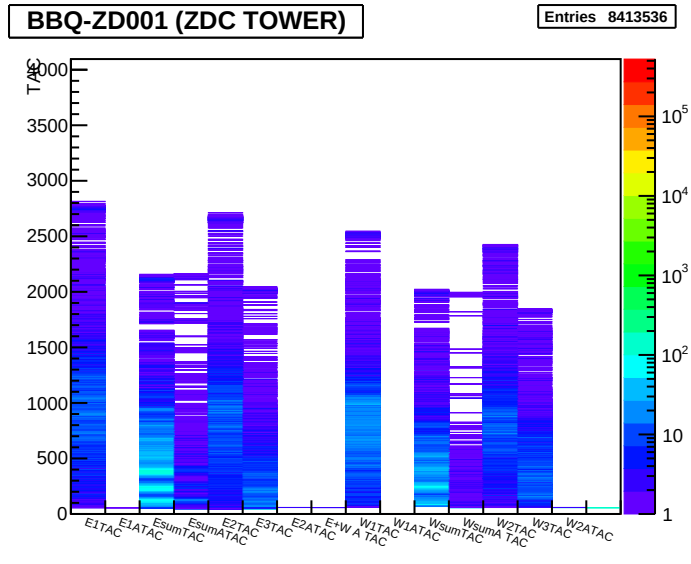

BBQ-BB001 (BBC east small tiles ADC)
Entries 8413536
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

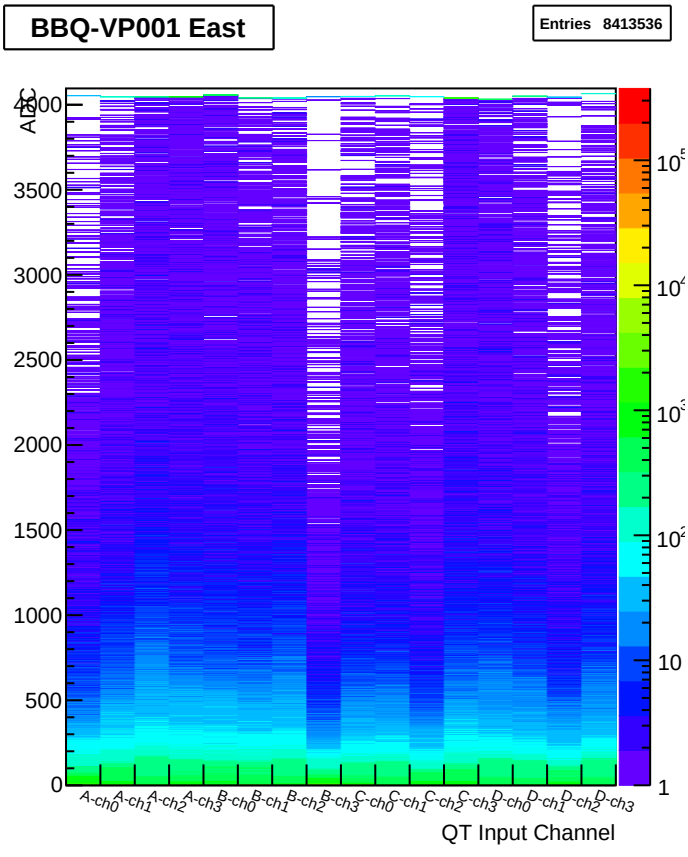

BBQ-BB001 (BBC east small tiles TAC)
Entries 8413536
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

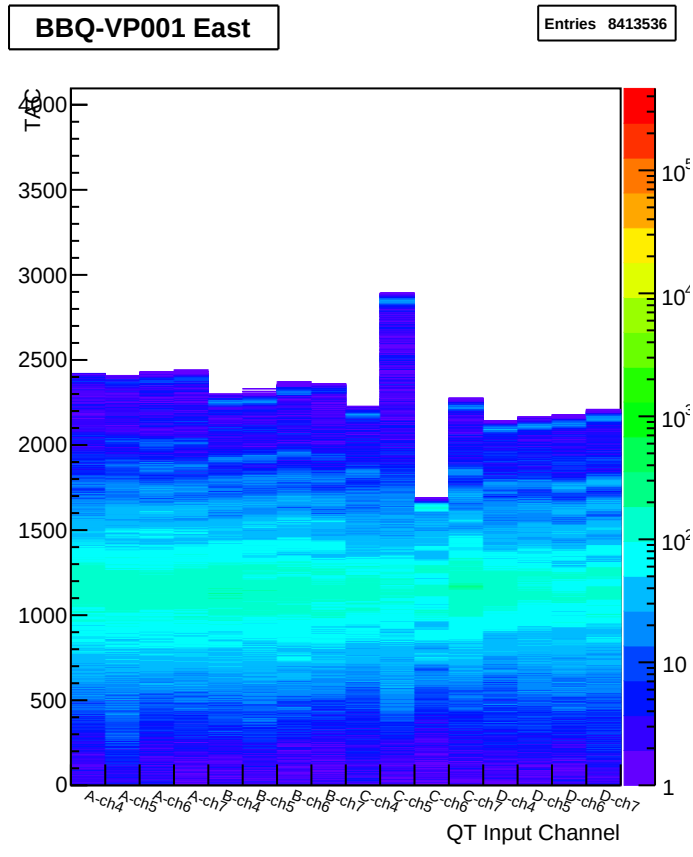

BBQ-BB002 (BBC west small tiles ADC)
Entries 8413536
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

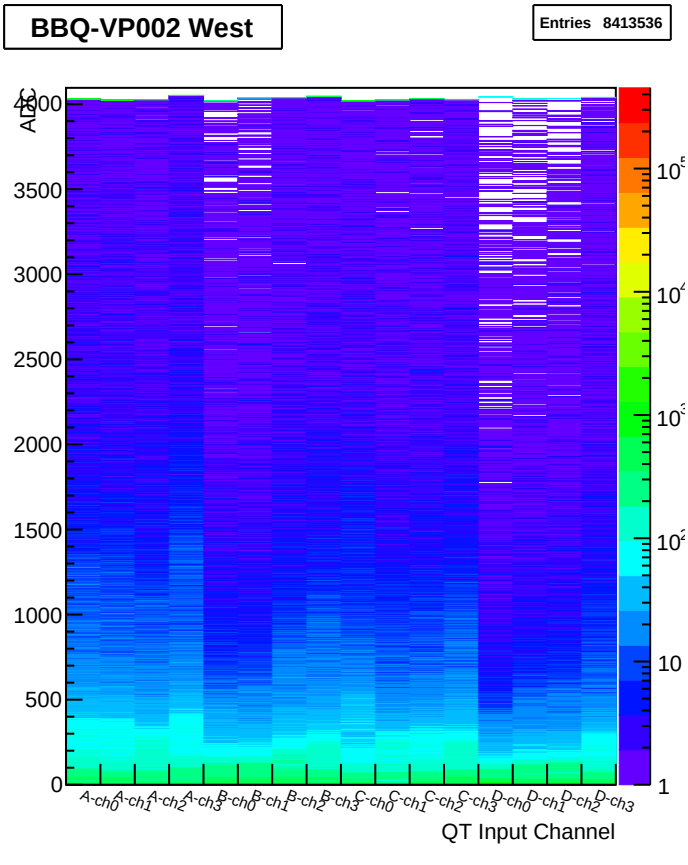

BBQ-BB002 (BBC west small tiles TAC)
Entries 8413536
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

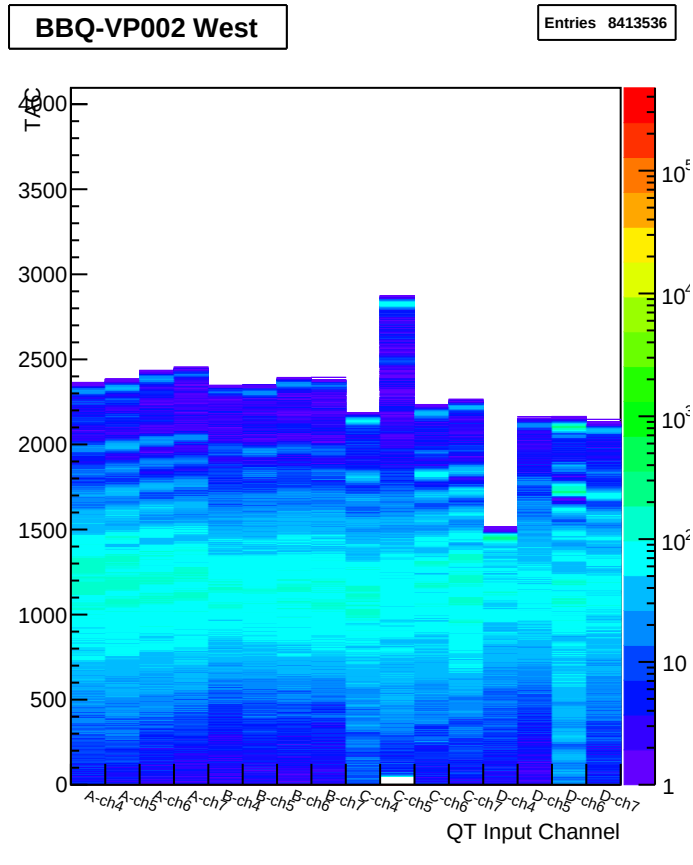

BBQ-ZD001 (ZDC TOWER)
Entries 8413536
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

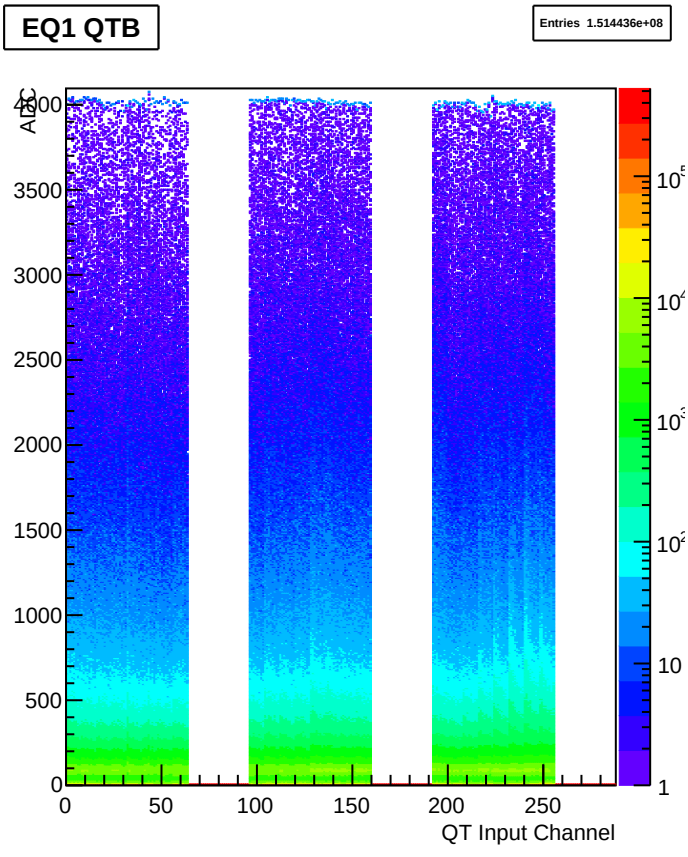

BBQ-ZD001 (ZDC TOWER)
Entries 8413536
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

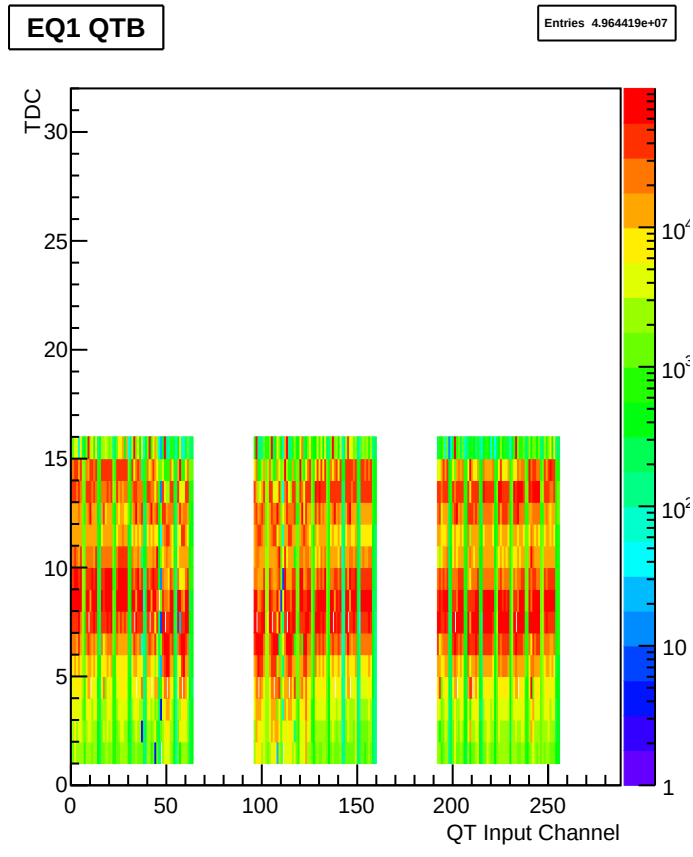

BBQ-VP001 East
Entries 8413536
ADC
QT Input Channel

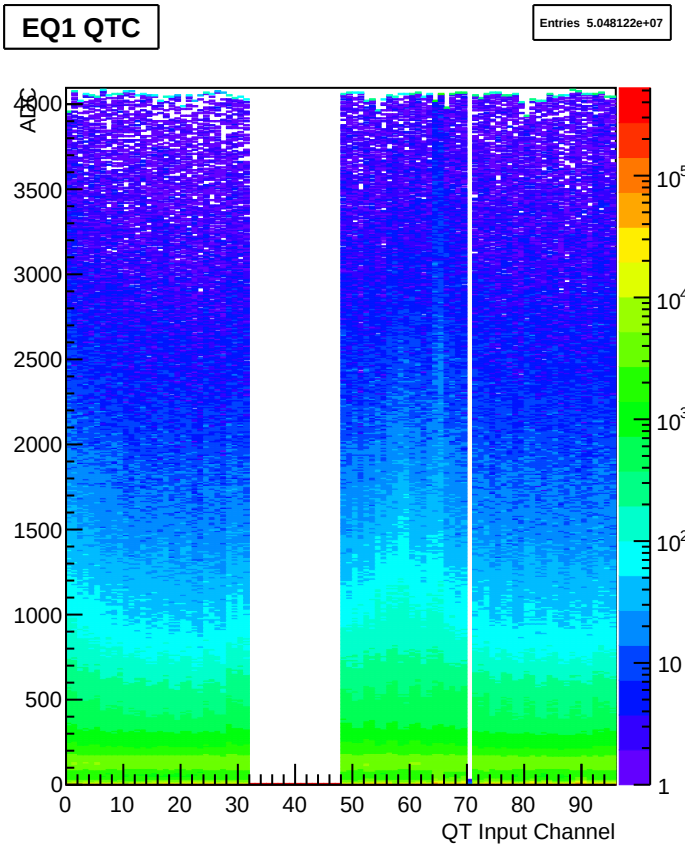

BBQ-VP001 East
Entries 8413536
ADC
QT Input Channel

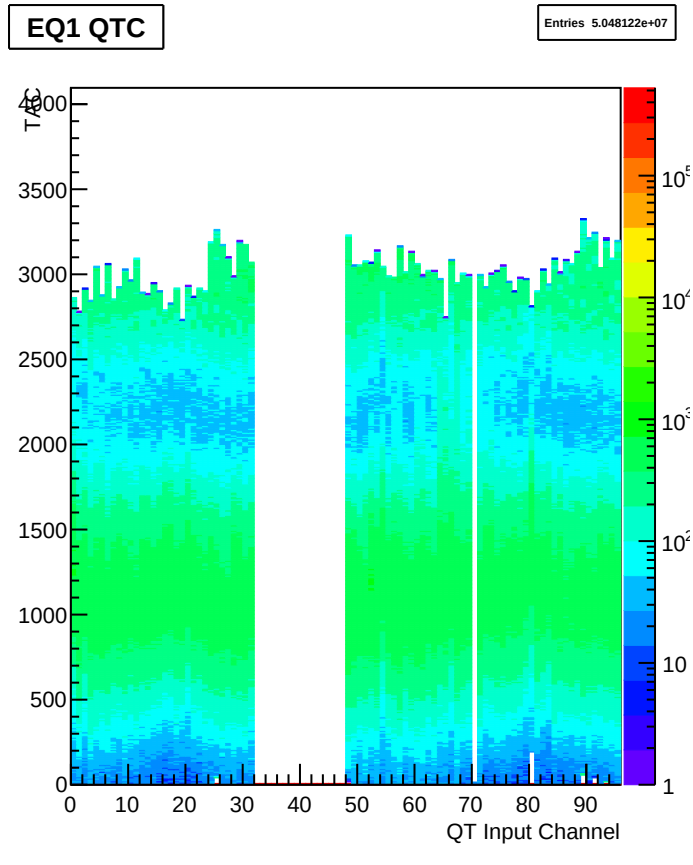

BBQ-VP002 West
Entries 8413536
ADC
QT Input Channel

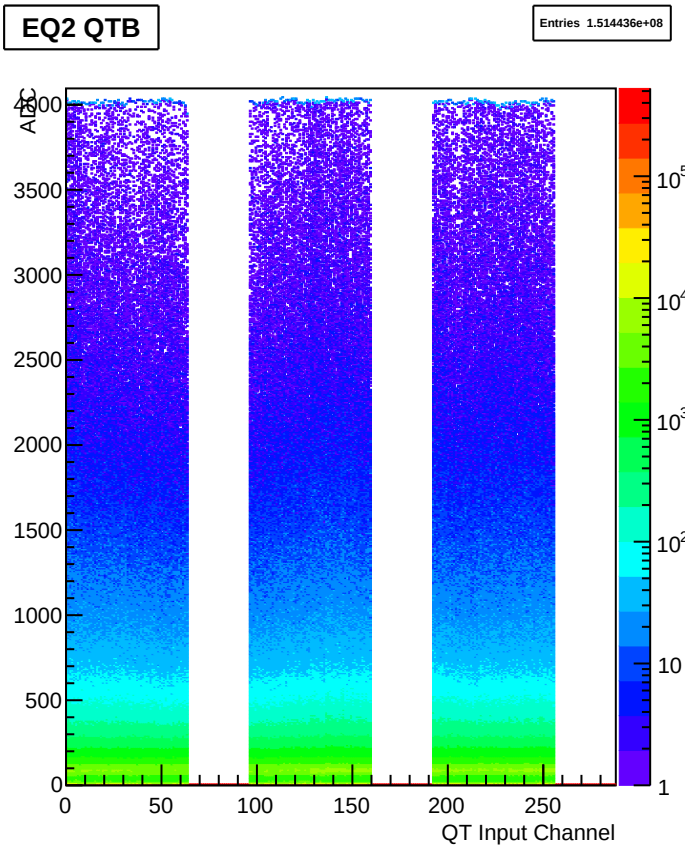

BBQ-VP002 West
Entries 8413536
ADC
QT Input Channel

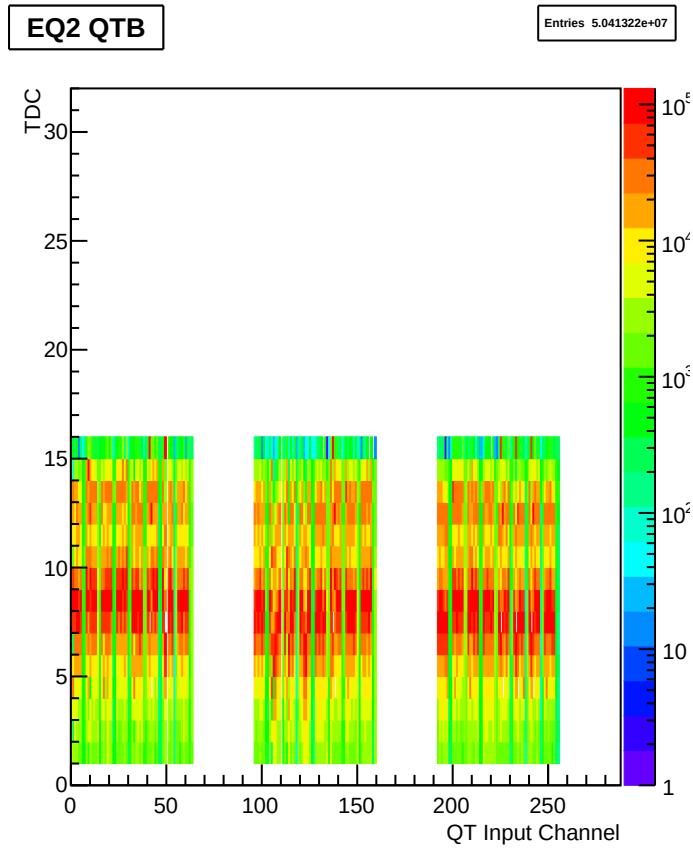

EQ1 QTB
Entries 1.514436e+08
ADC
QT Input Channel

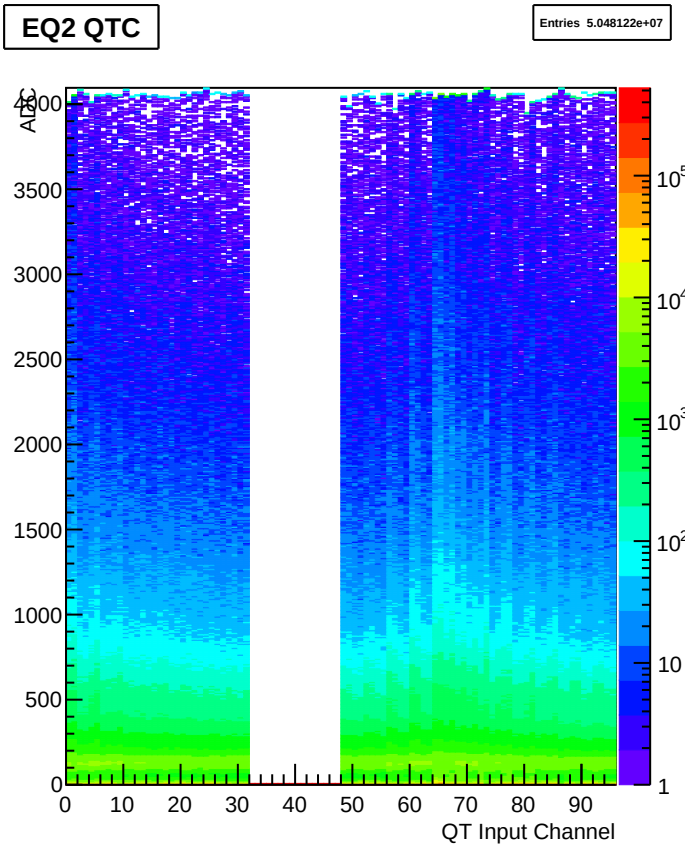

EQ1 QTB
Entries 4.964419e+07
TDC
QT Input Channel

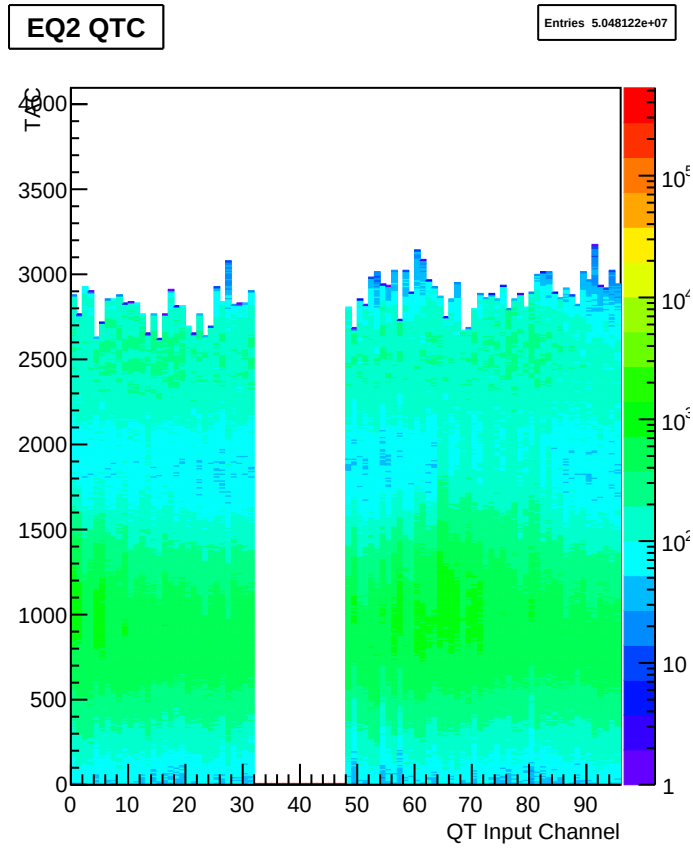

EQ1 QTC
Entries 5.048122e+07
ADC
QT Input Channel

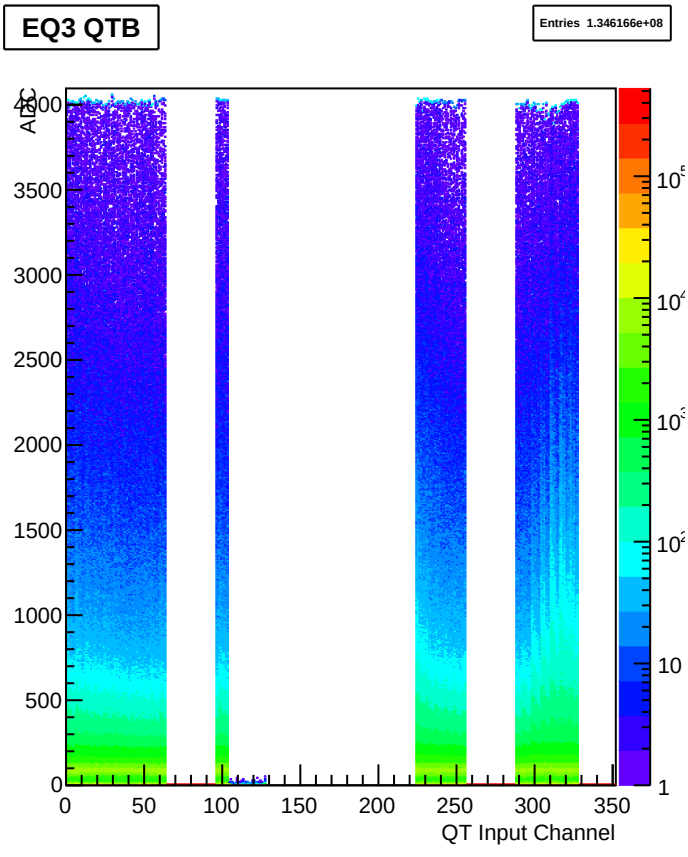

EQ1 QTC
Entries 5.048122e+07
TADC
QT Input Channel

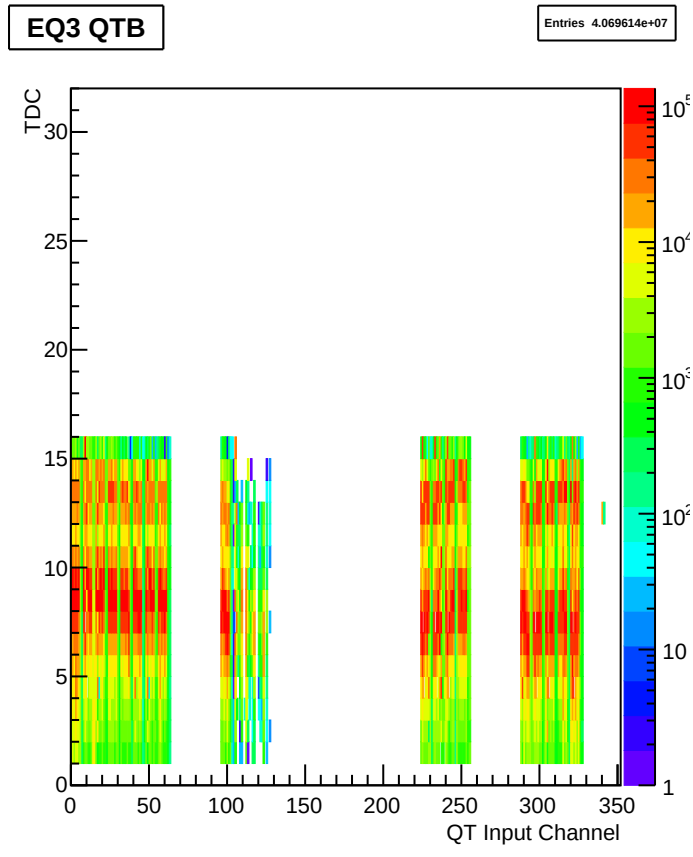

EQ2 QTB
Entries 1.514436e+08
ADC
QT Input Channel

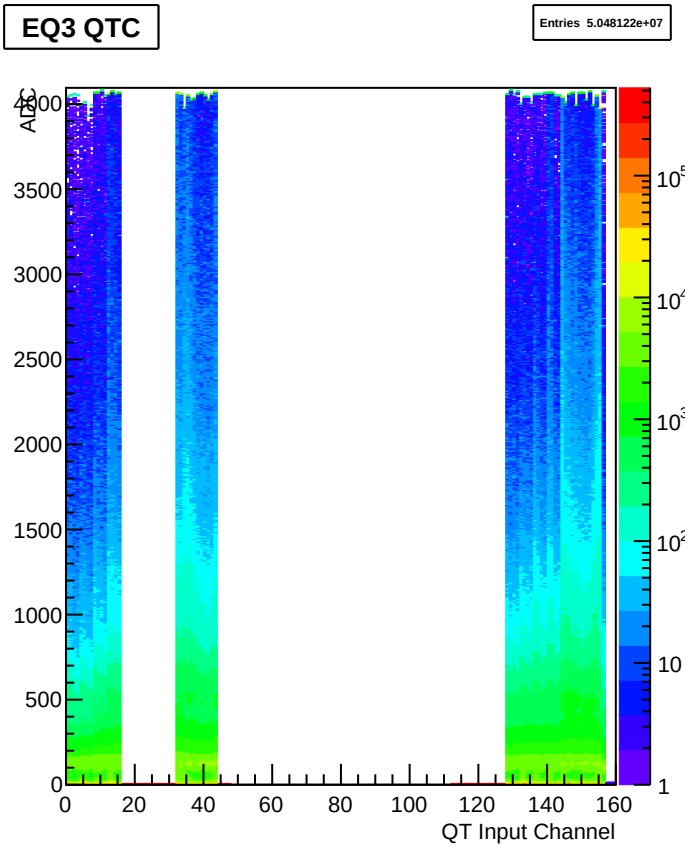

EQ2 QTB
Entries 5.041322e+07
TDC
QT Input Channel

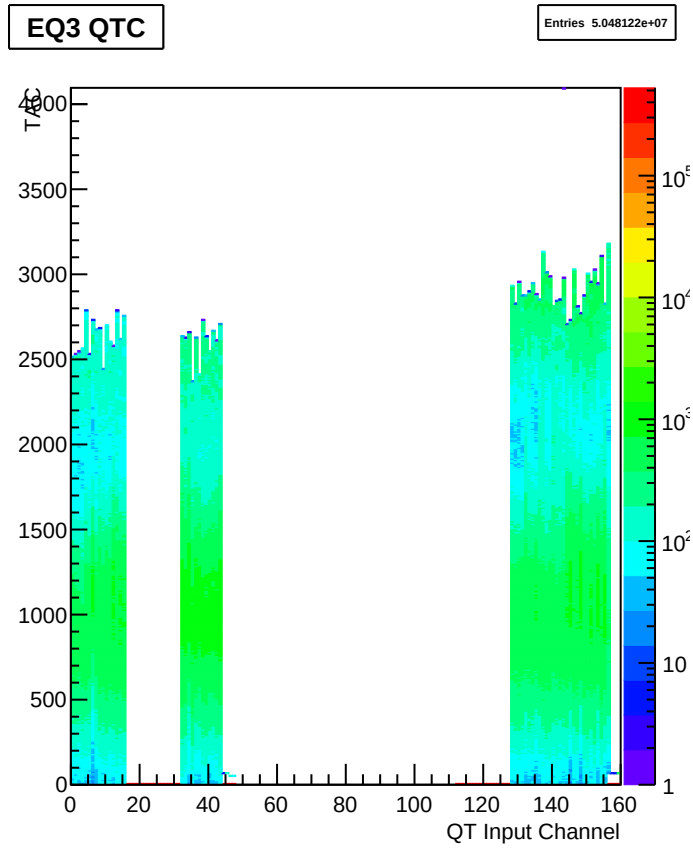

EQ2 QTC
Entries 5.048122e+07
ADC
QT Input Channel


EQ2 QTC
Entries 5.048122e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.346166e+08
ADC
QT Input Channel


EQ3 QTB
Entries 4.069614e+07
TDC
QT Input Channel


EQ3 QTC
Entries 5.048122e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.048122e+07
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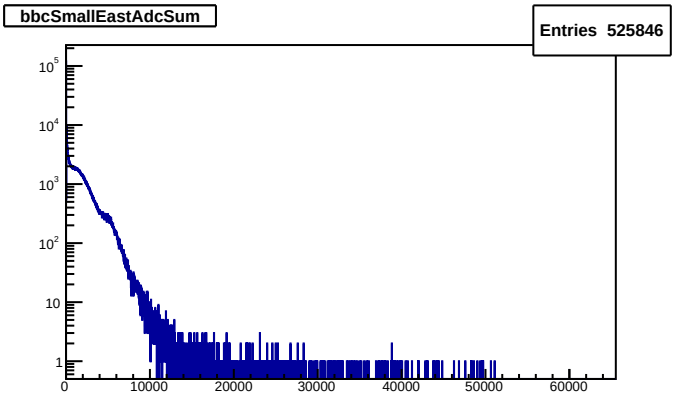
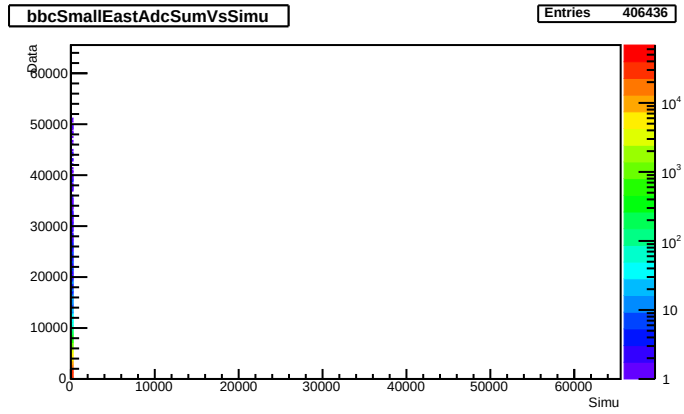
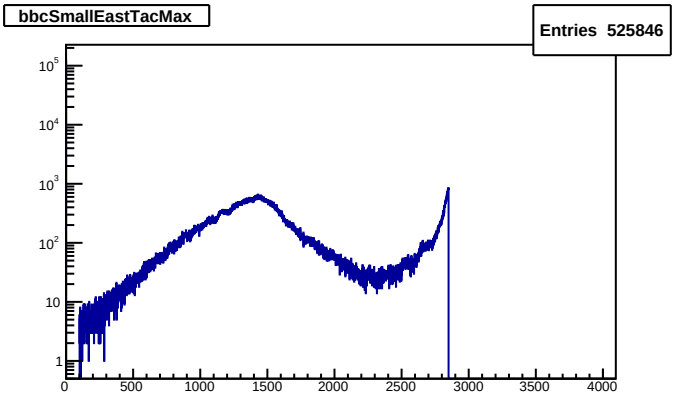
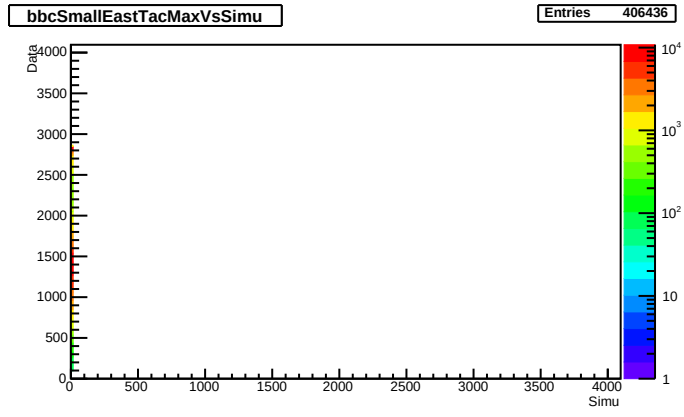
QT Input Channel


bbcSmallEastAdcSum
Entries 525846


bbcSmallEastAdcSumVsSimu
Entries 406436
Data
Simu


bbcSmallEastTacMax
Entries 525846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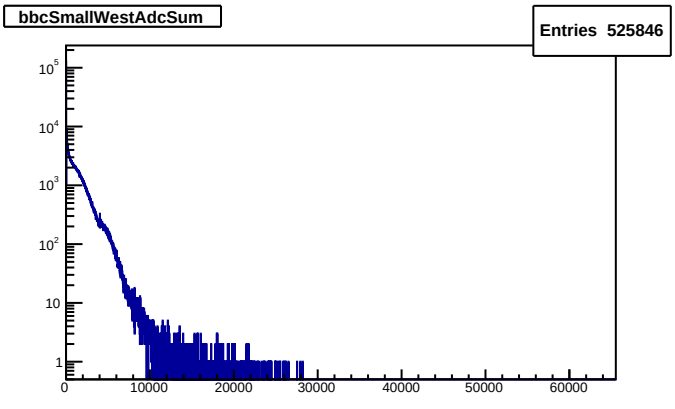
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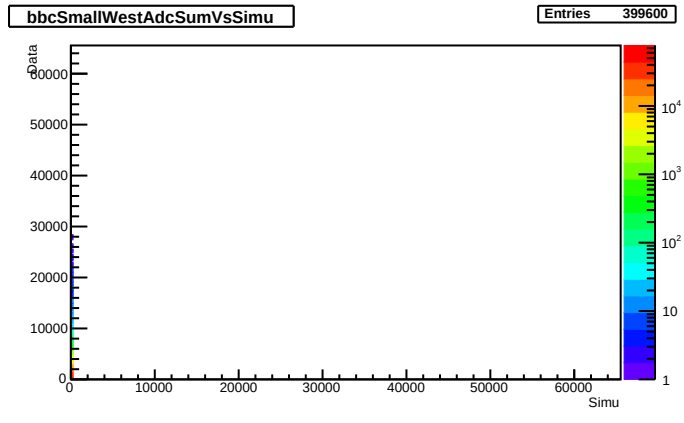
Entries 525846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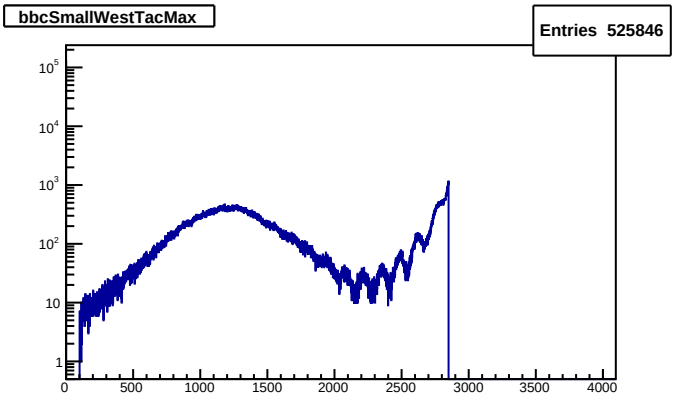
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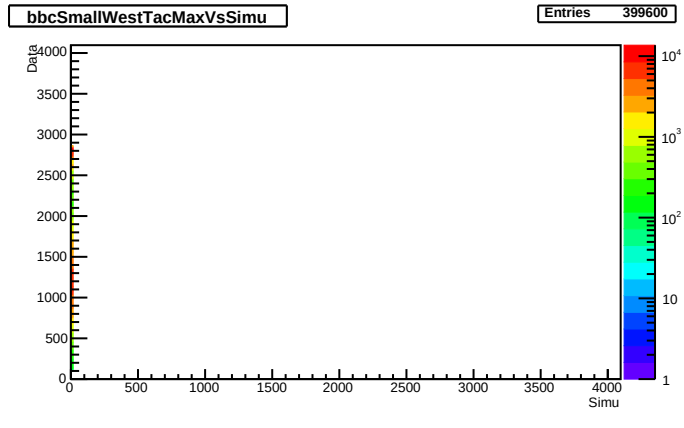
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Entries 399600
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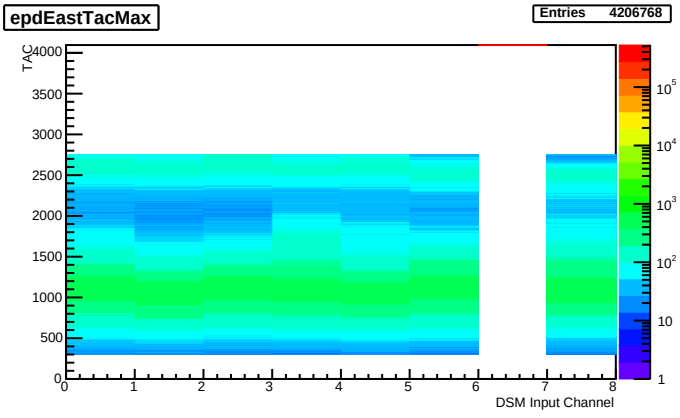
Simu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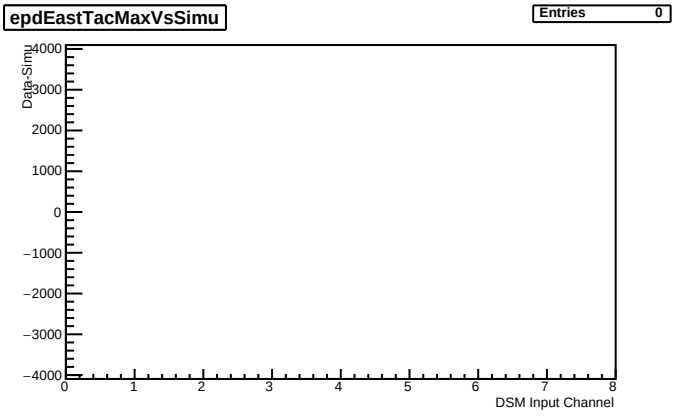
Entries 4206768
TAC
DSM Input Channel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Entries 0
Data-Simu
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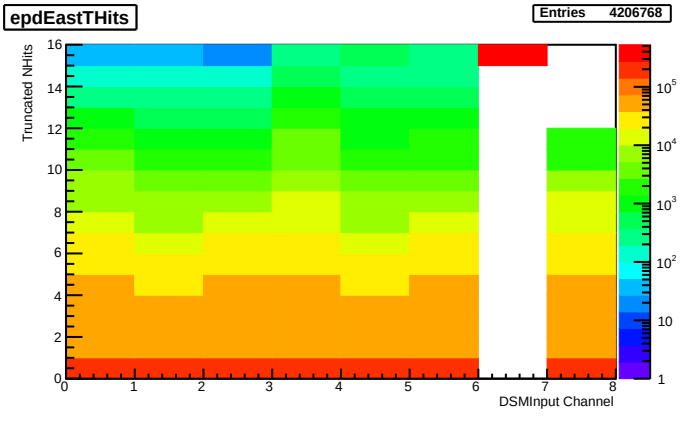
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Entries 4206768
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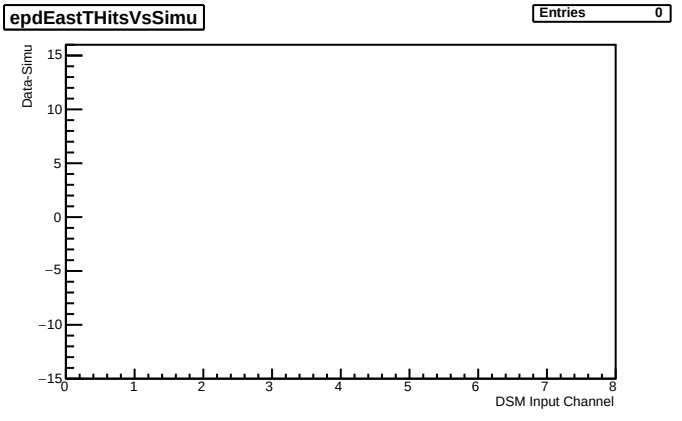
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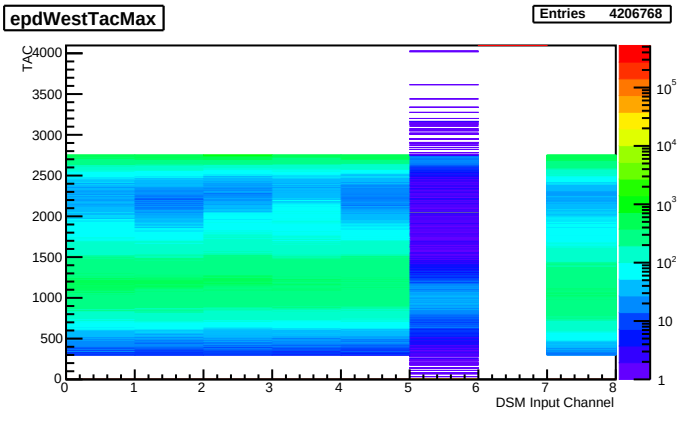
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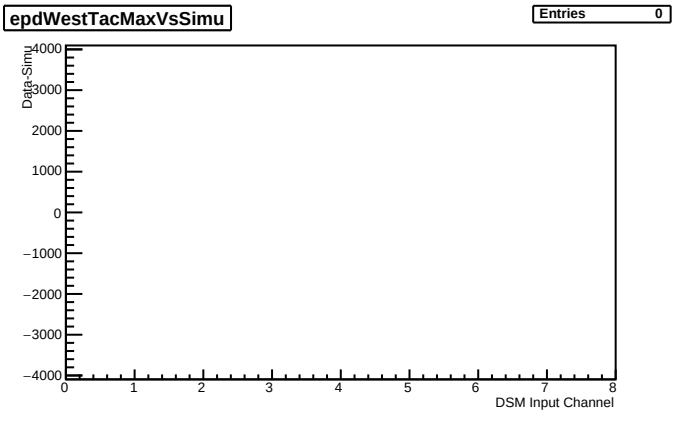
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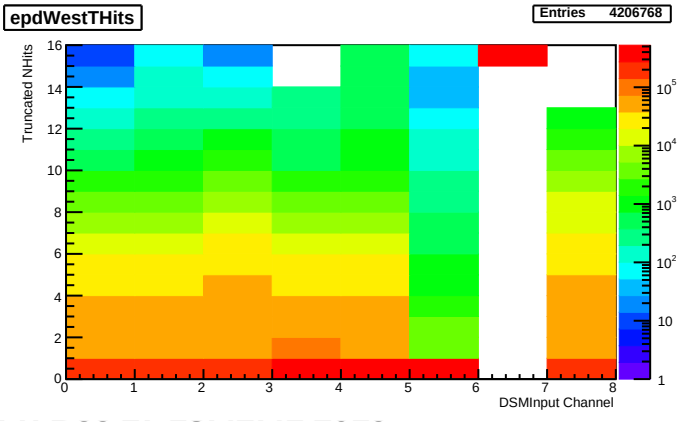
DSM Input Channel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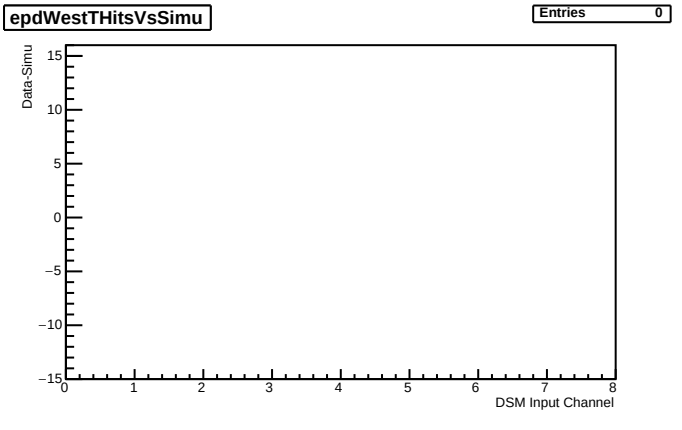
Truncated NHits
DSMInput Channel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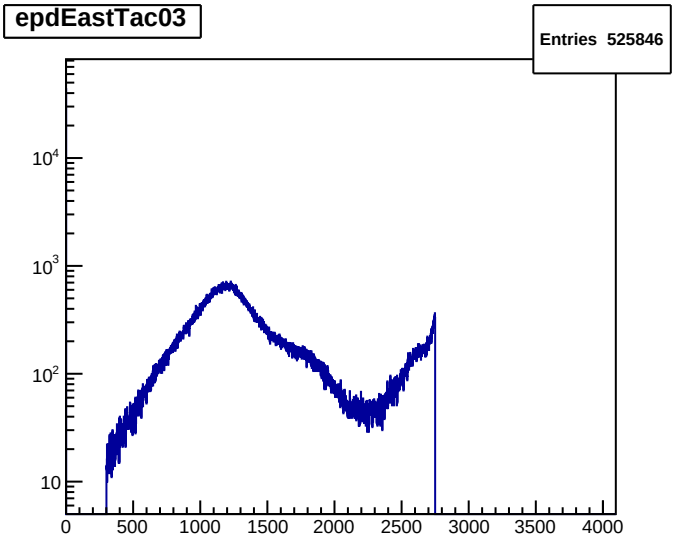
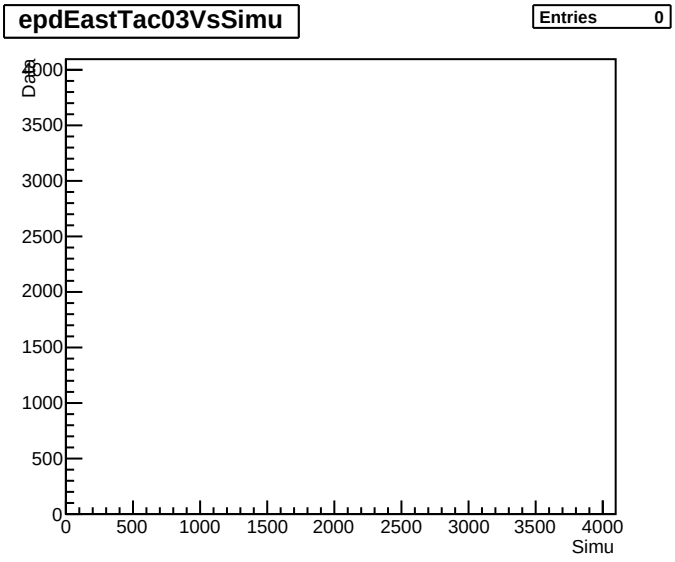
DSM Input Channel


epdEastTac03
Entries 525846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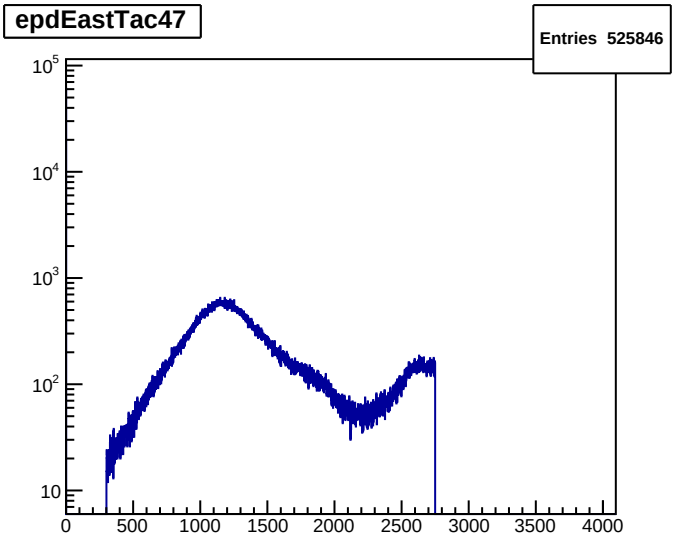
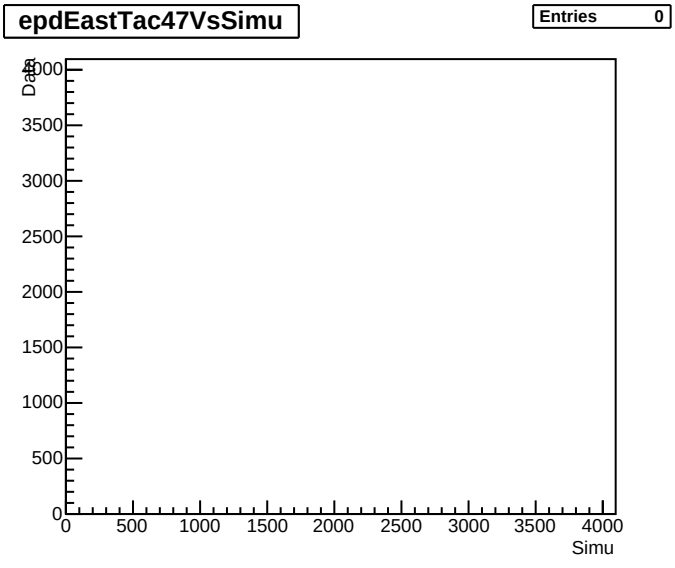
Entries 0
Data
Simu


epdEastTac47
Entries 525846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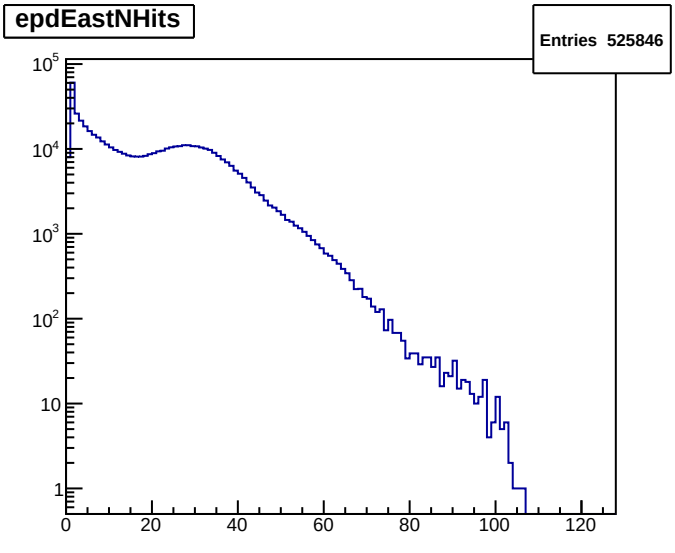
Entries 0
Data
Simu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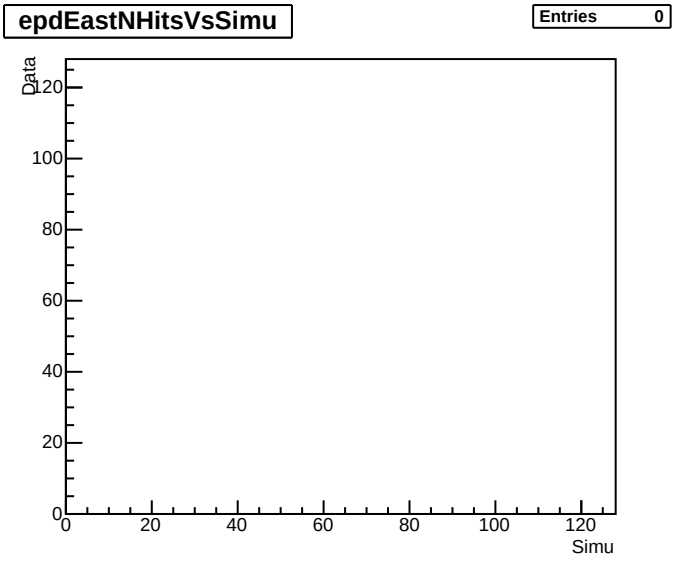
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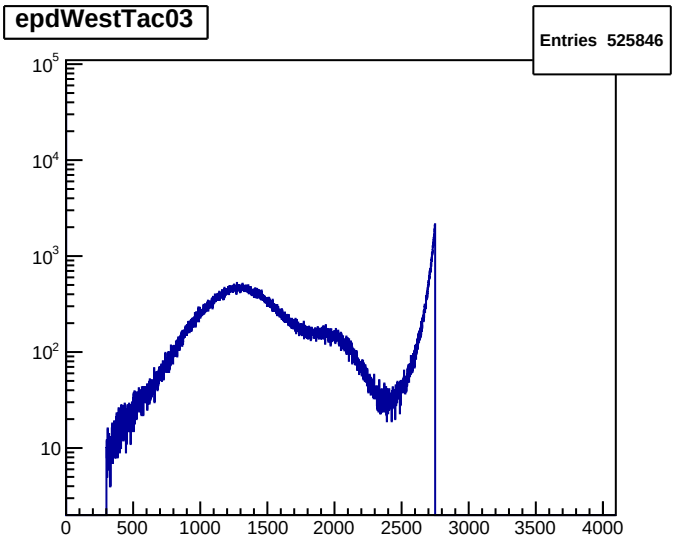
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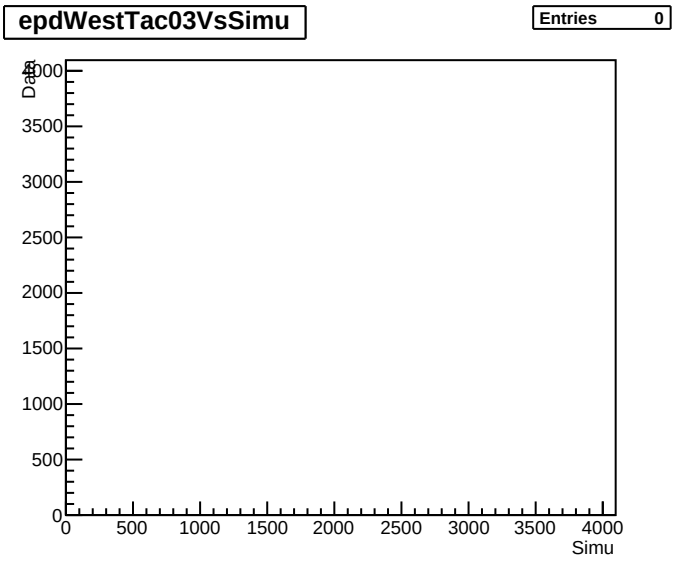
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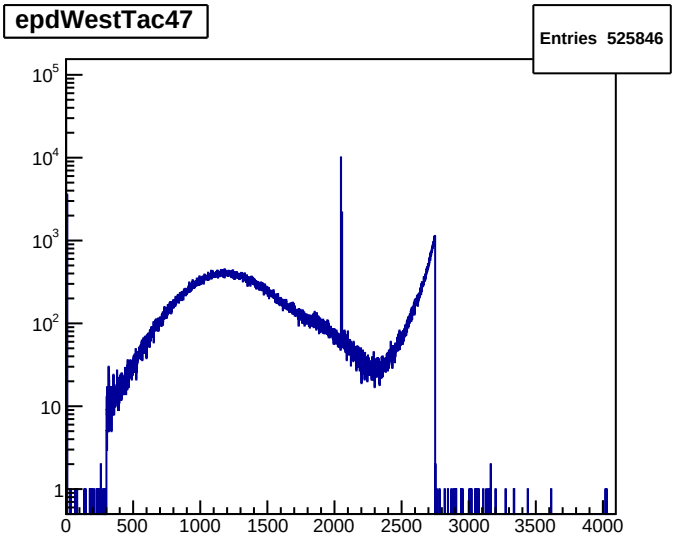
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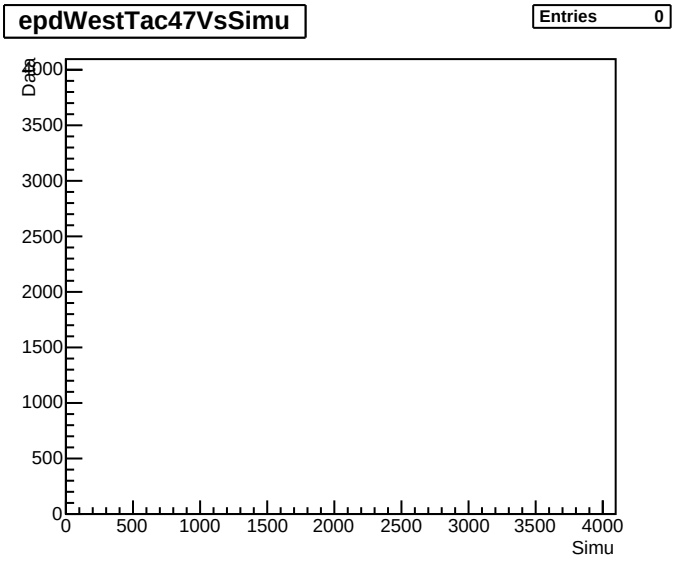
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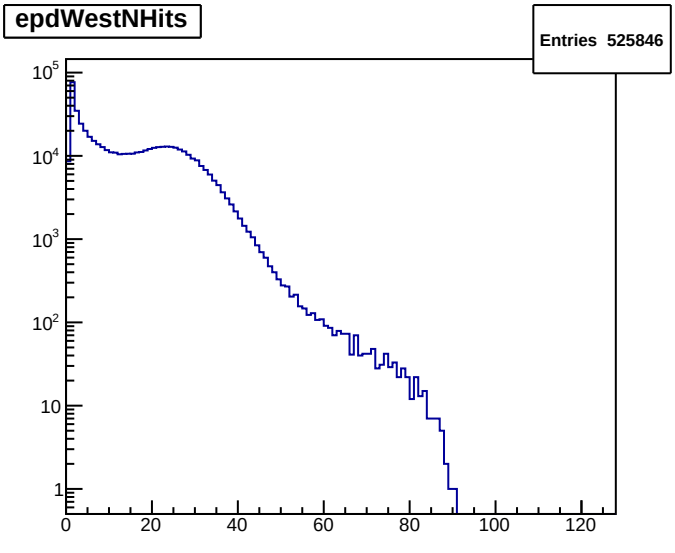
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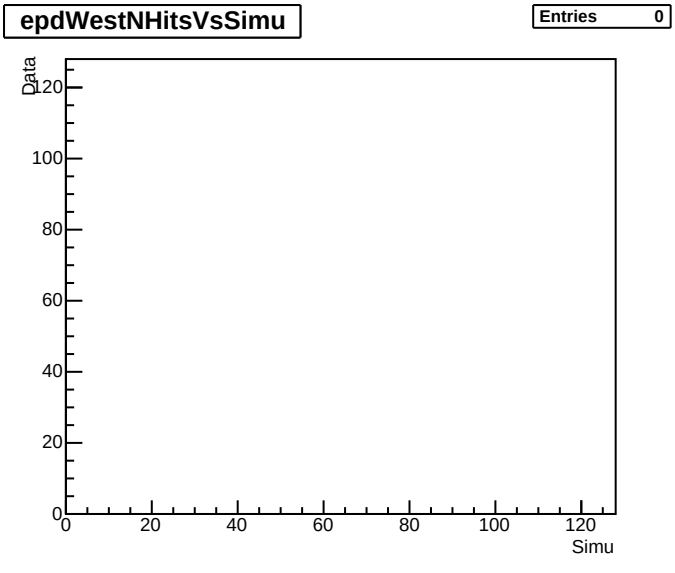
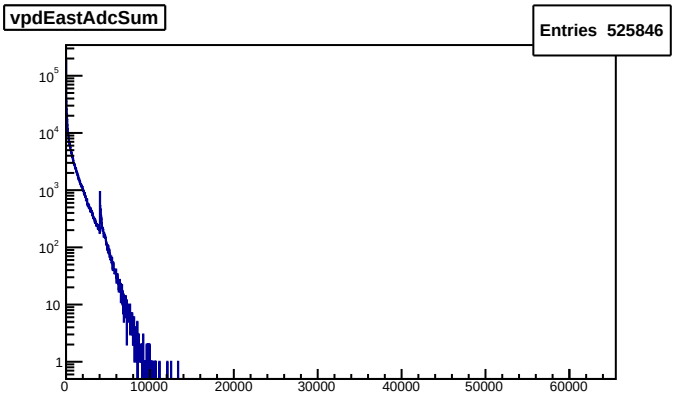
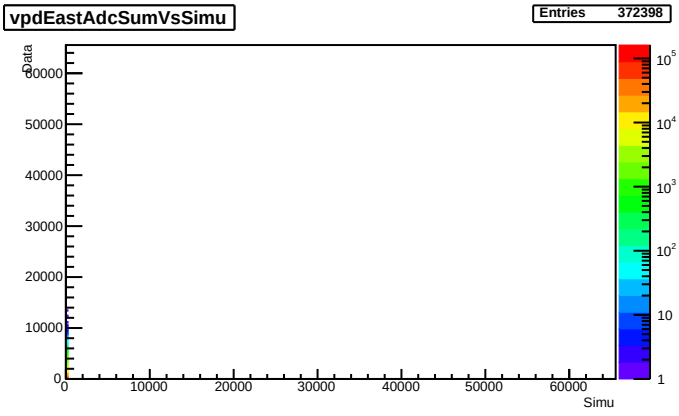
Entries 525846


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 525846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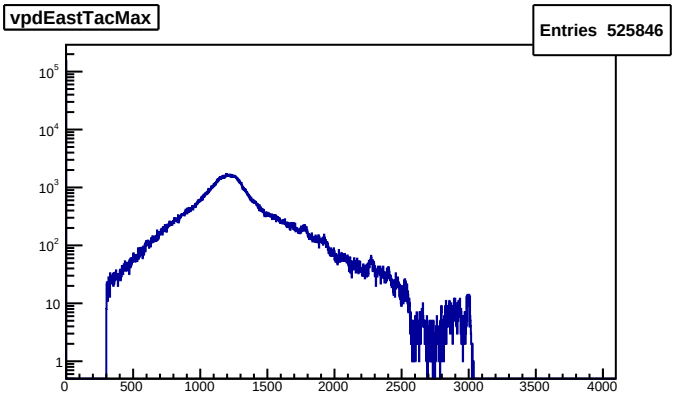
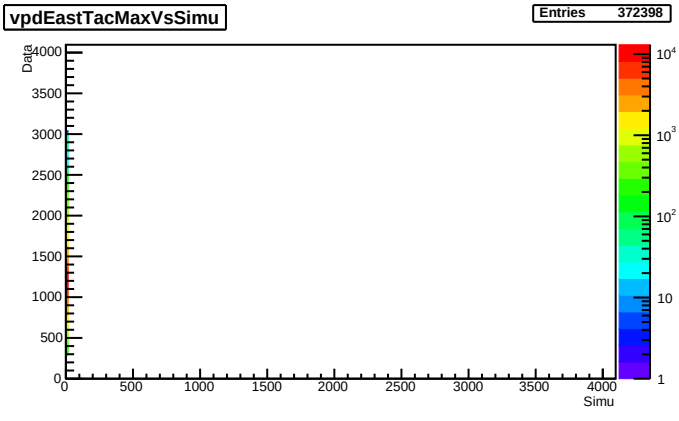
Entries 372398
Data
Simu


vpdEastTacMax
Entries 525846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Entries 372398
Data
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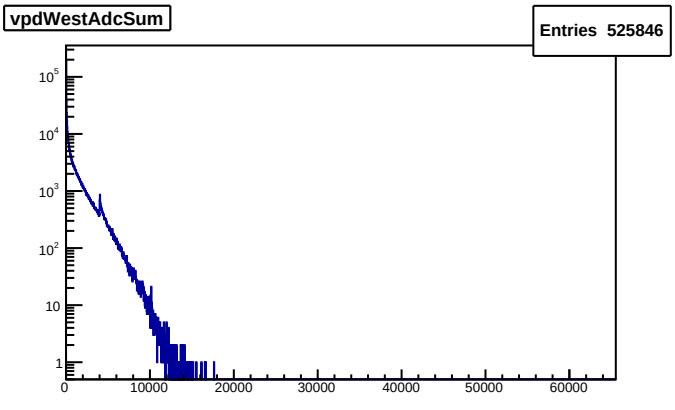
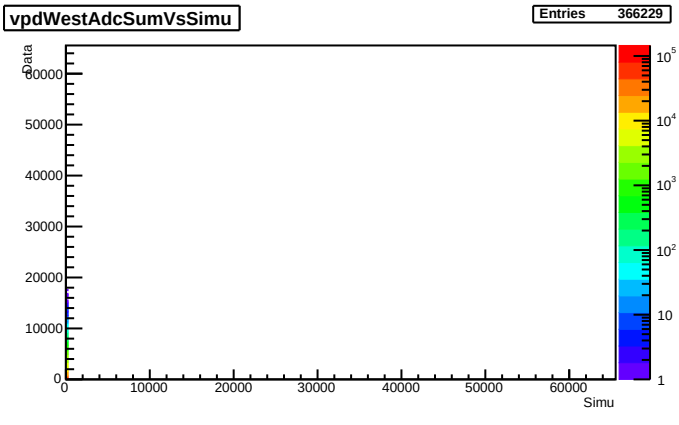

vpdWestAdcSum
Entries 525846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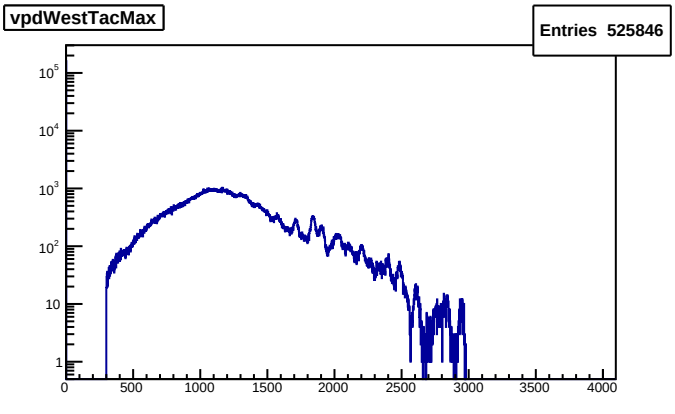
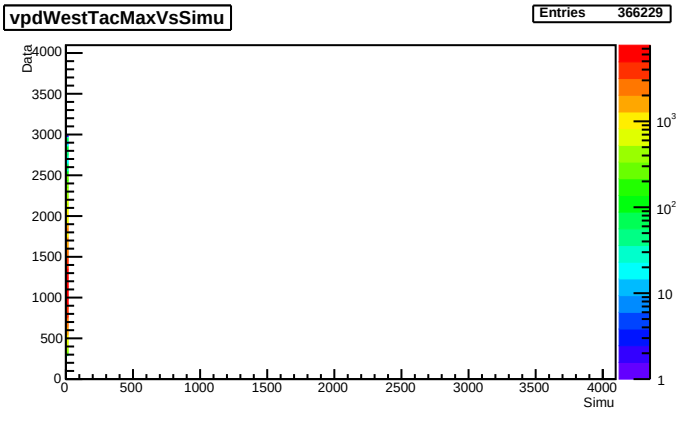
Entries 366229
Data
Simu


vpdWestTacMax
Entries 525846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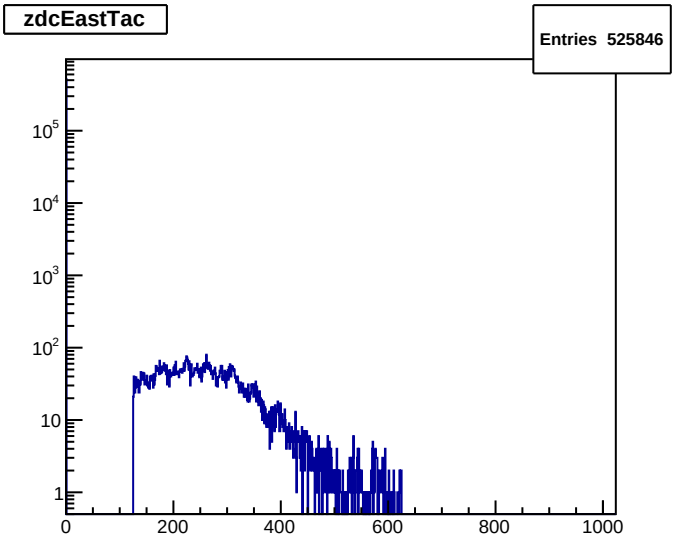
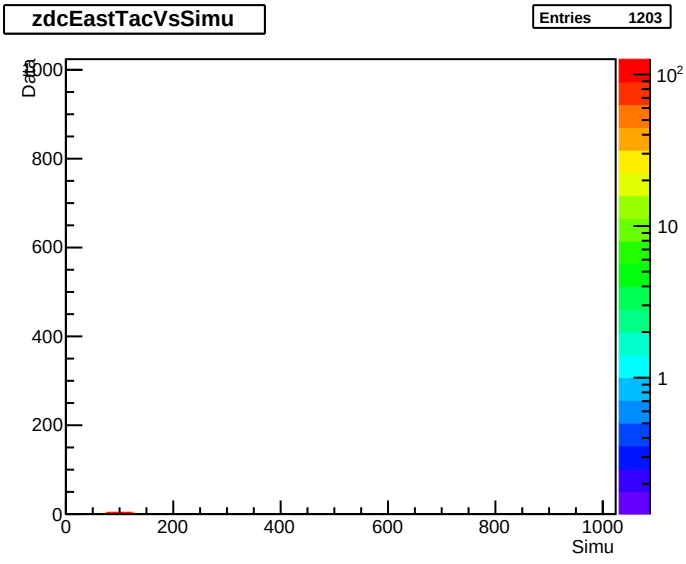
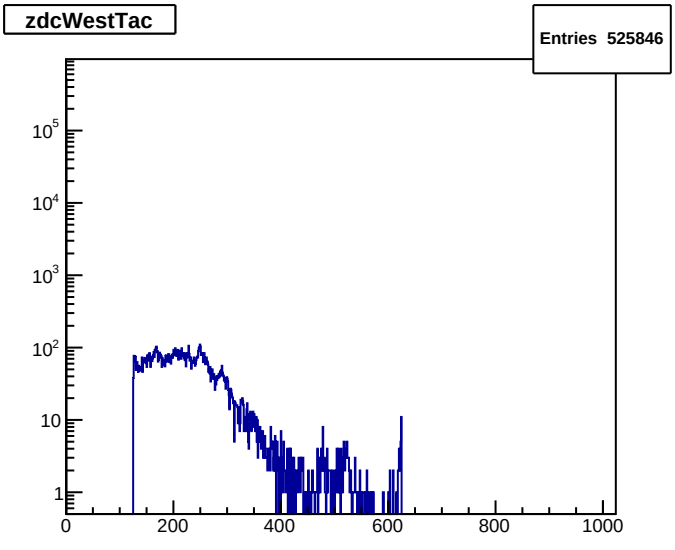
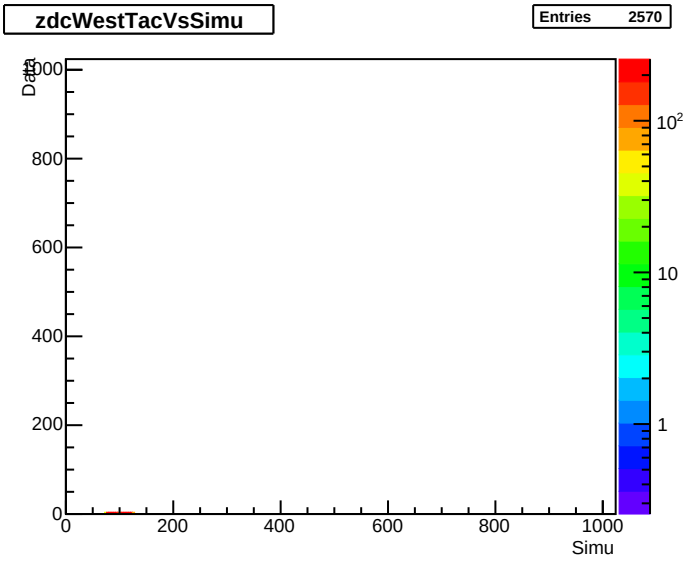
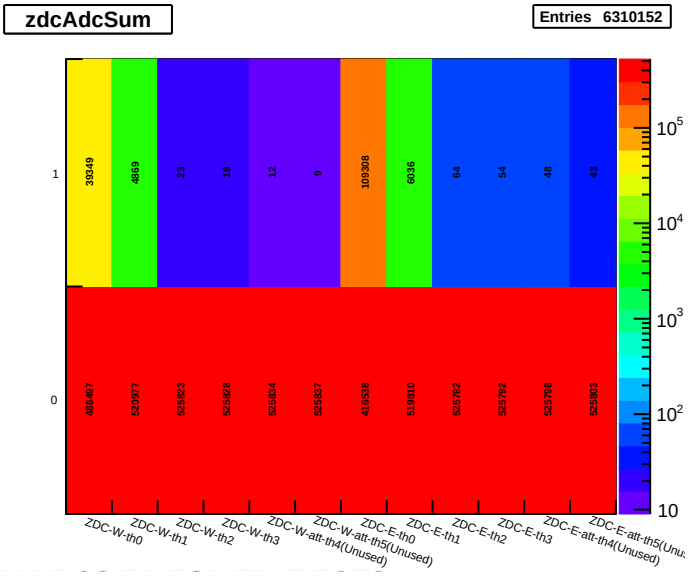
Entries 366229
Data
Simu


zdcEastTac
Entries 525846


zdcEastTacVsSimu
Entries 1203
Data
Simu


zdcWestTac
Entries 525846


zdcWestTacVsSimu
Entries 2570
Data
Simu


zdcAdcSum
Entries 6310152
39349
4869
23
18
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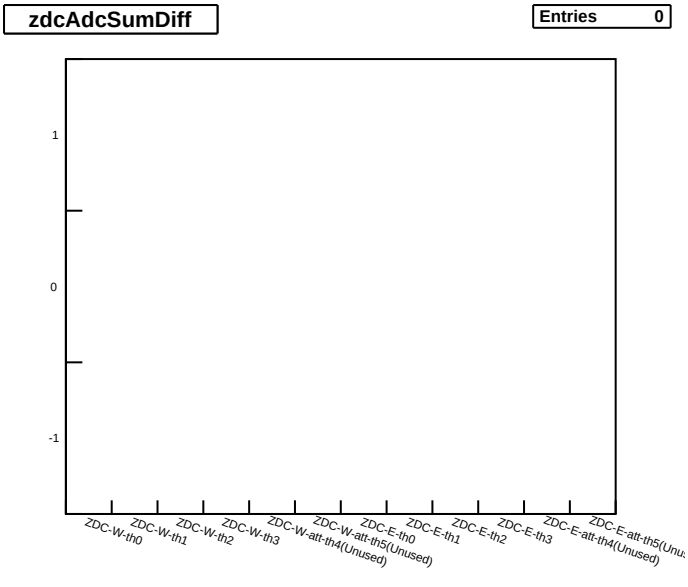
64
54
48
43
486497
520977
525823
525828
525834
525837
416538
519810
525782
525792
525798
525803
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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)
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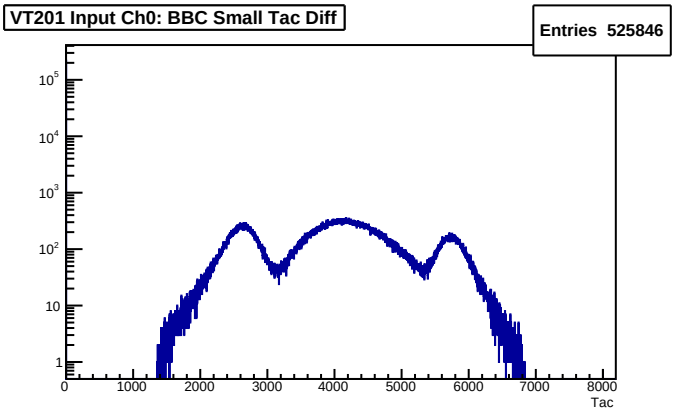
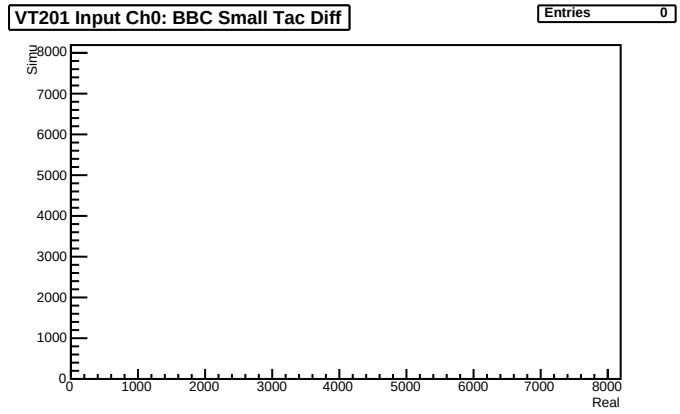
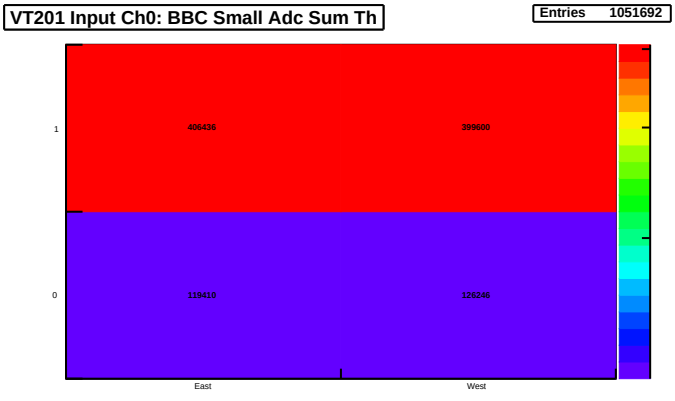
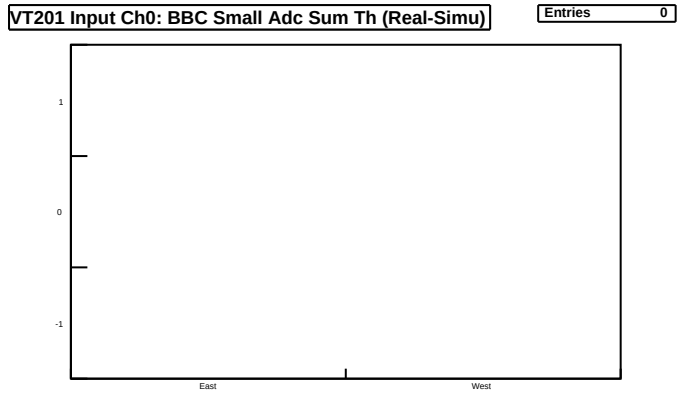
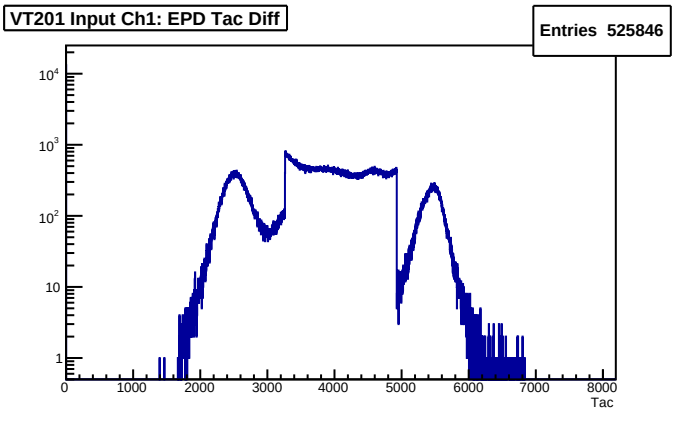
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

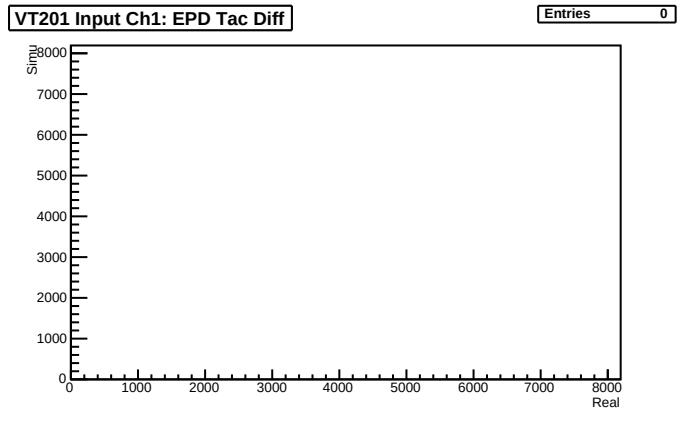

VT201 Input Ch0: BBC Small Tac Diff
Entries 525846
Tac

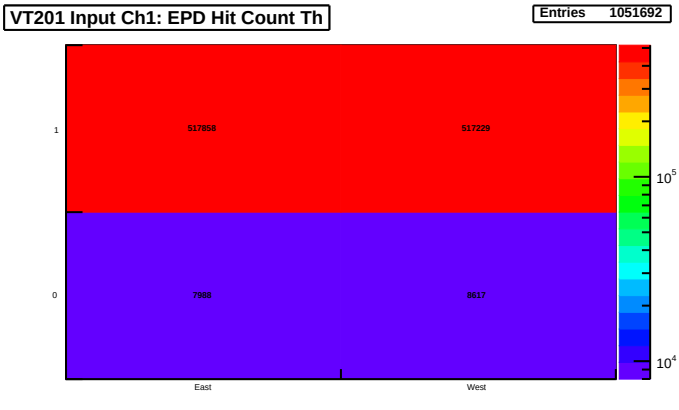

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

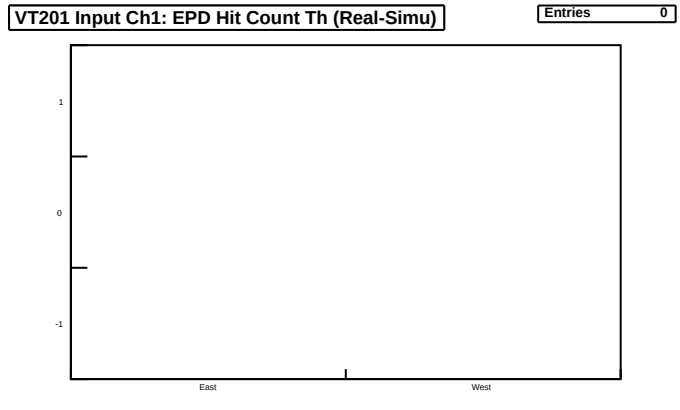

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1051692
406436
399600
119410
126246
East
West

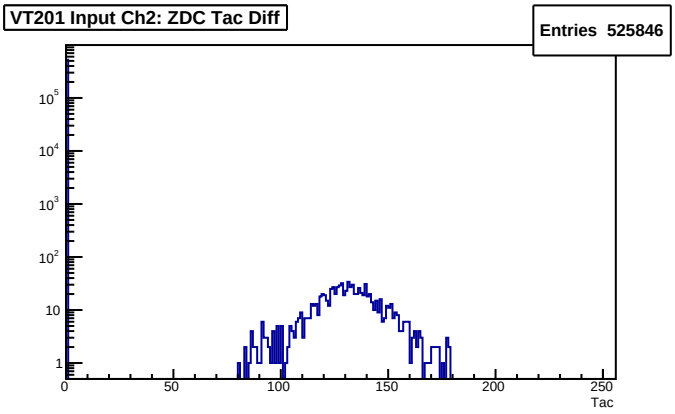

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

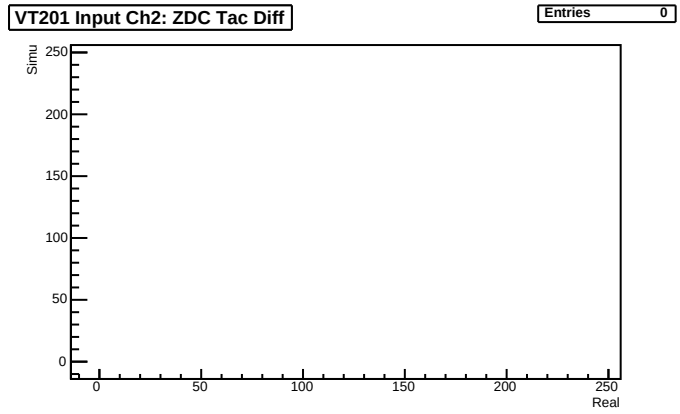

VT201 Input Ch1: EPD Tac Diff
Entries 525846
Tac

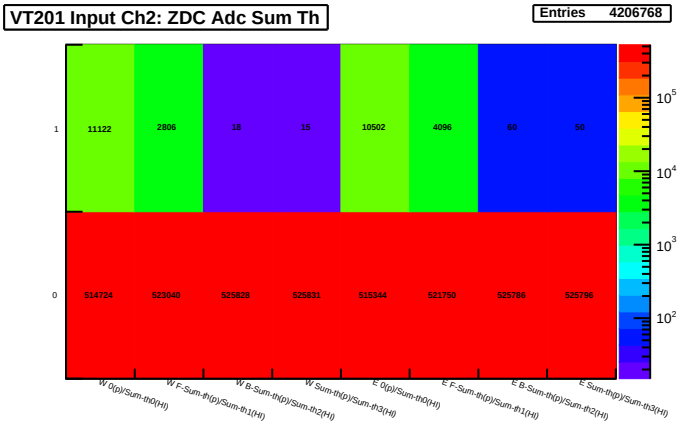

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

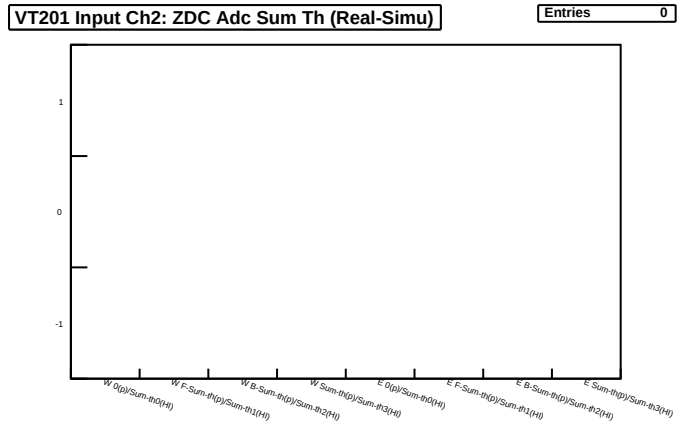

VT201 Input Ch1: EPD Hit Count Th
Entries 1051692
517858
517229
7988
8617
East
West

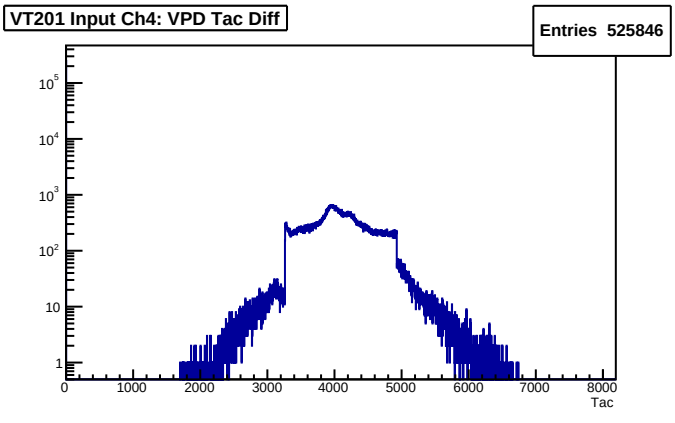

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

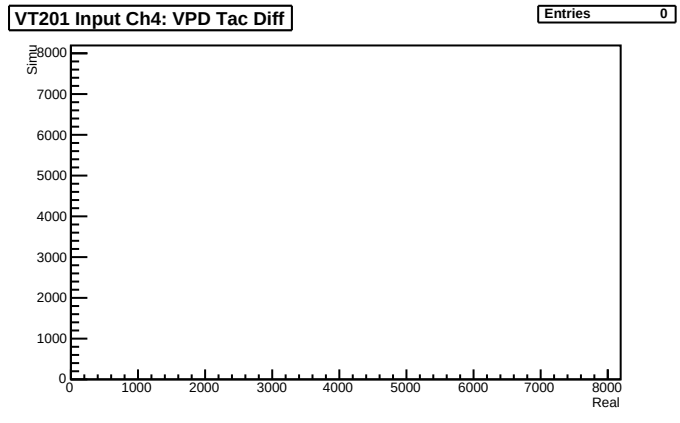

VT201 Input Ch2: ZDC Tac Diff
Entries 525846
Tac

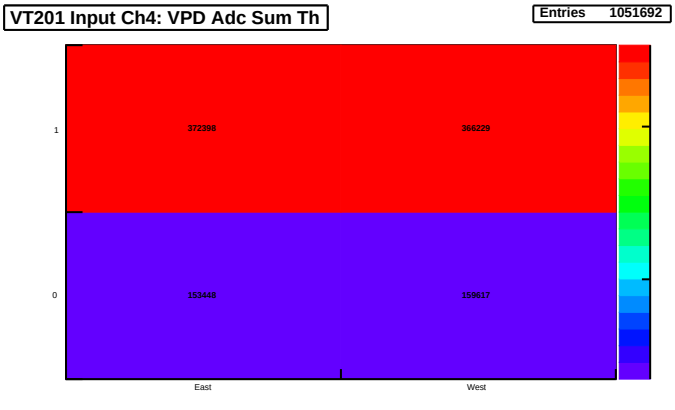

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

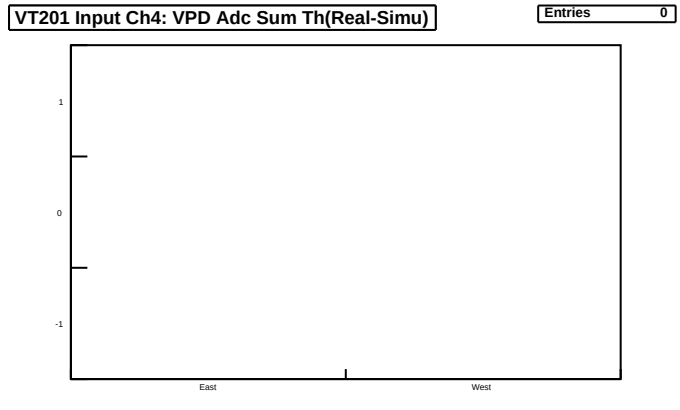

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4206768
11122
2806
18
15
10502
4096
60
50
514724
523040
525828
525831
515344
521750
525786
525796
W 0(p)/Sum-th0(Hi)
W F-Sum-th(p)/Sum-th1(Hi)
W B-Sum-th(p)/Sum-th2(Hi)
W Sum-th(p)/Sum-th3(Hi)
E 0(p)/Sum-th0(Hi)
E F-Sum-th(p)/Sum-th1(Hi)
E B-Sum-th(p)/Sum-th2(Hi)
E Sum-th(p)/Sum-th3(Hi)

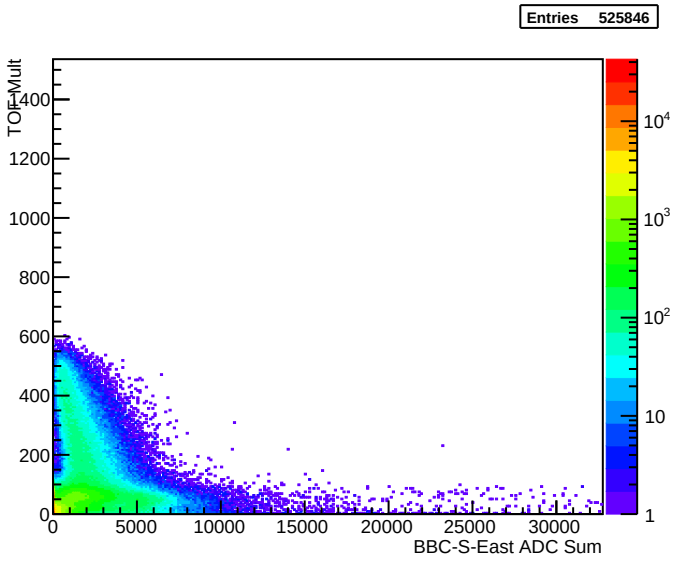

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hi)
W F-Sum-th(p)/Sum-th1(Hi)
W B-Sum-th(p)/Sum-th2(Hi)
W Sum-th(p)/Sum-th3(Hi)
E 0(p)/Sum-th0(Hi)
E F-Sum-th(p)/Sum-th1(Hi)
E B-Sum-th(p)/Sum-th2(Hi)
E Sum-th(p)/Sum-th3(Hi)

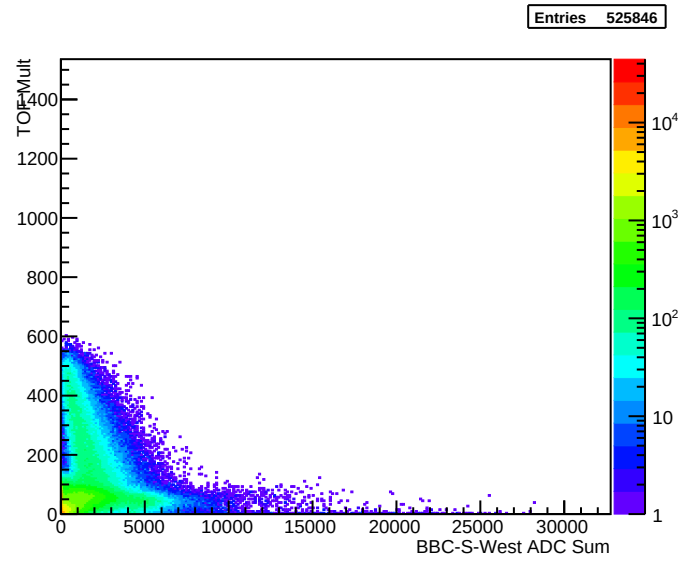

VT201 Input Ch4: VPD Tac Diff
Entries 525846
Tac

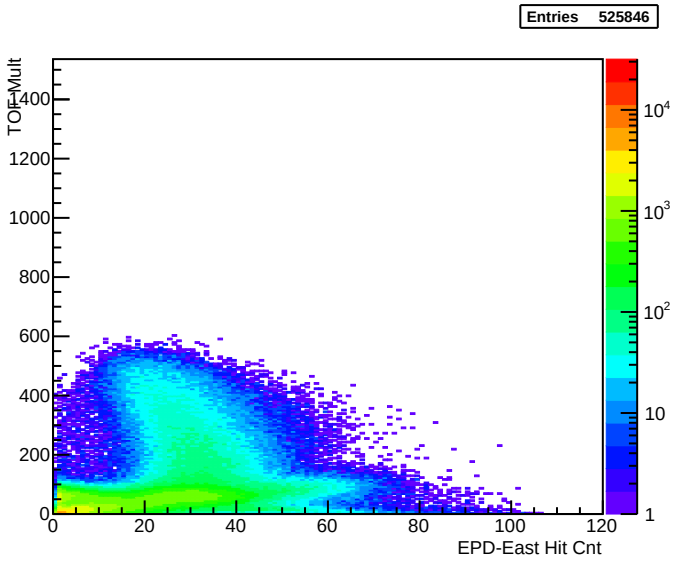

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

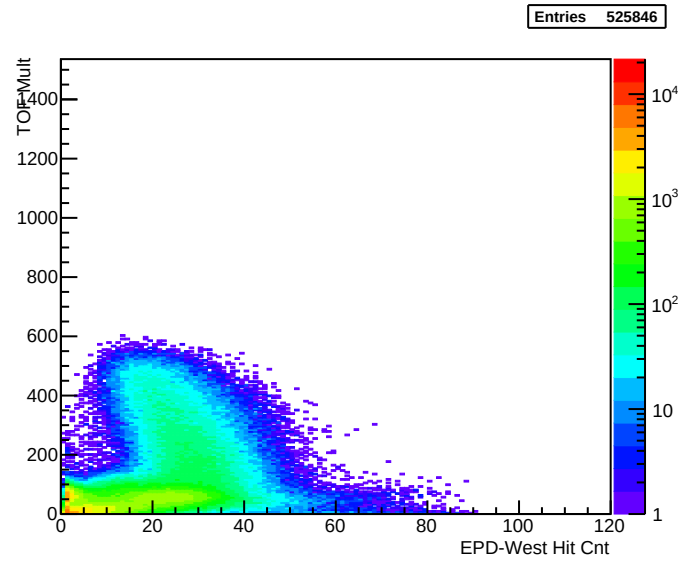

VT201 Input Ch4: VPD Adc Sum Th
Entries 1051692
372398
360229
153448
159617
East
West

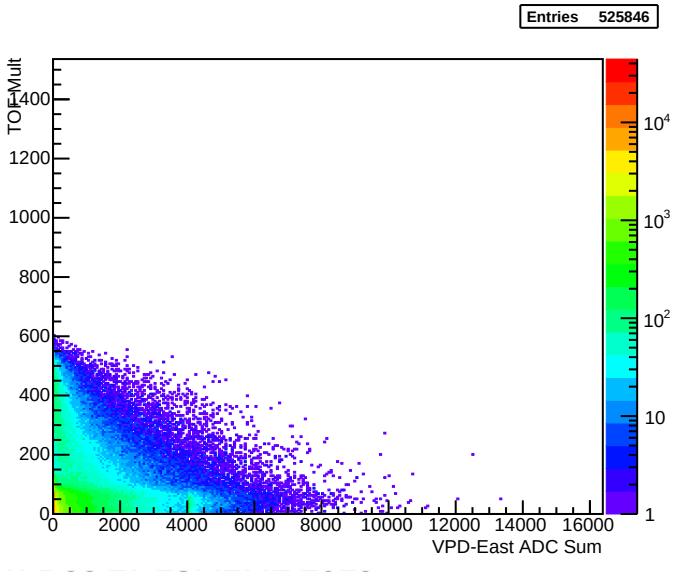

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

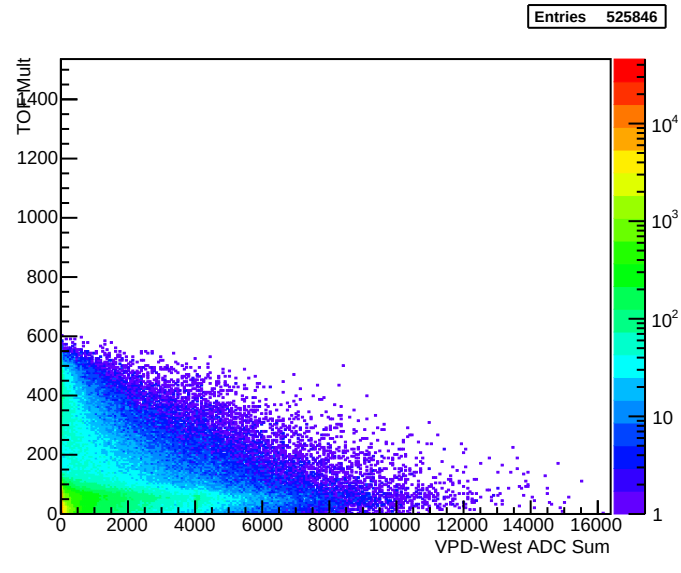

Entries 525846
TOF-Mult
BBC-S-East ADC Sum

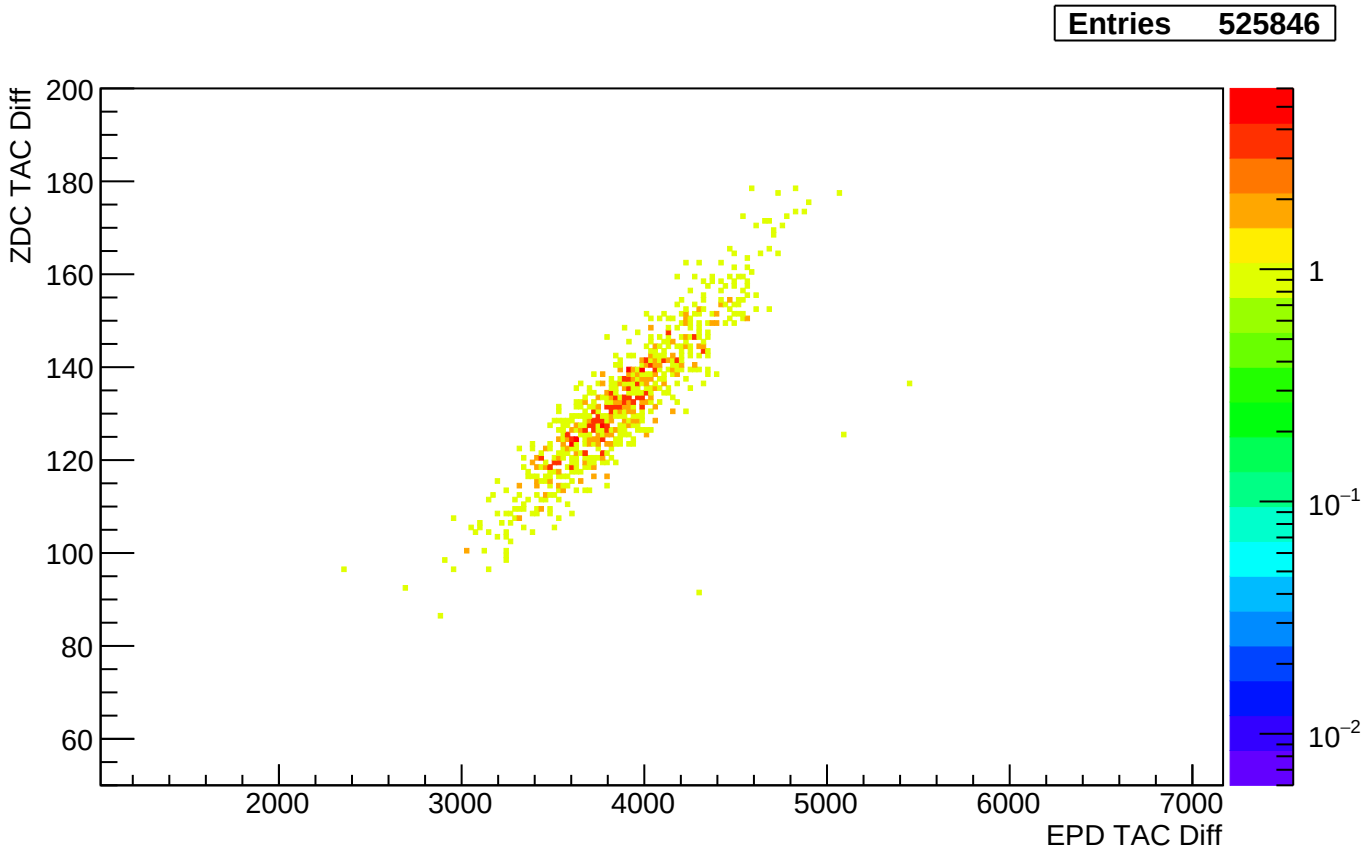

Entries 525846
TOF-Mult
BBC-S-West ADC Sum

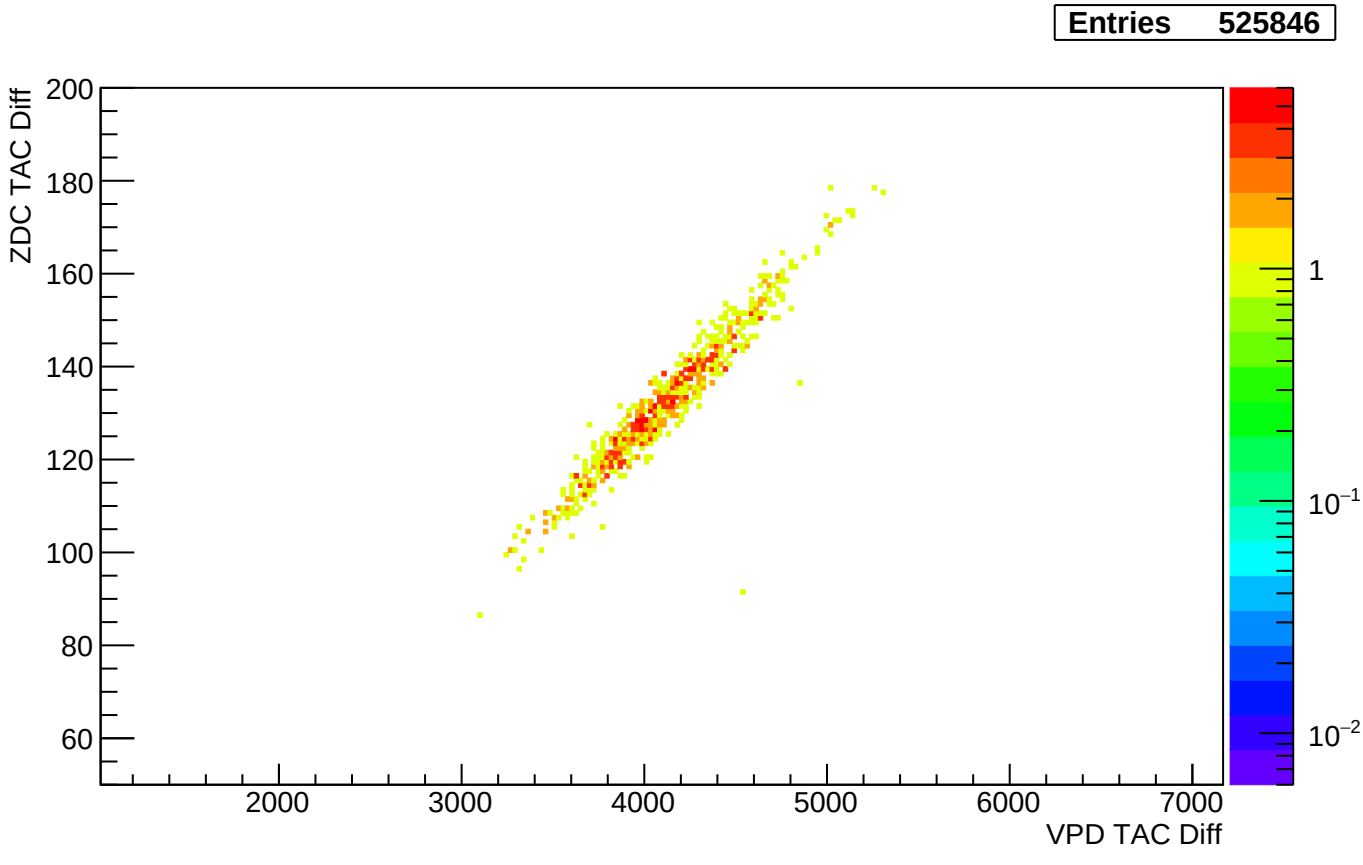

Entries 525846
TOF-Mult
EPD-East Hit Cnt

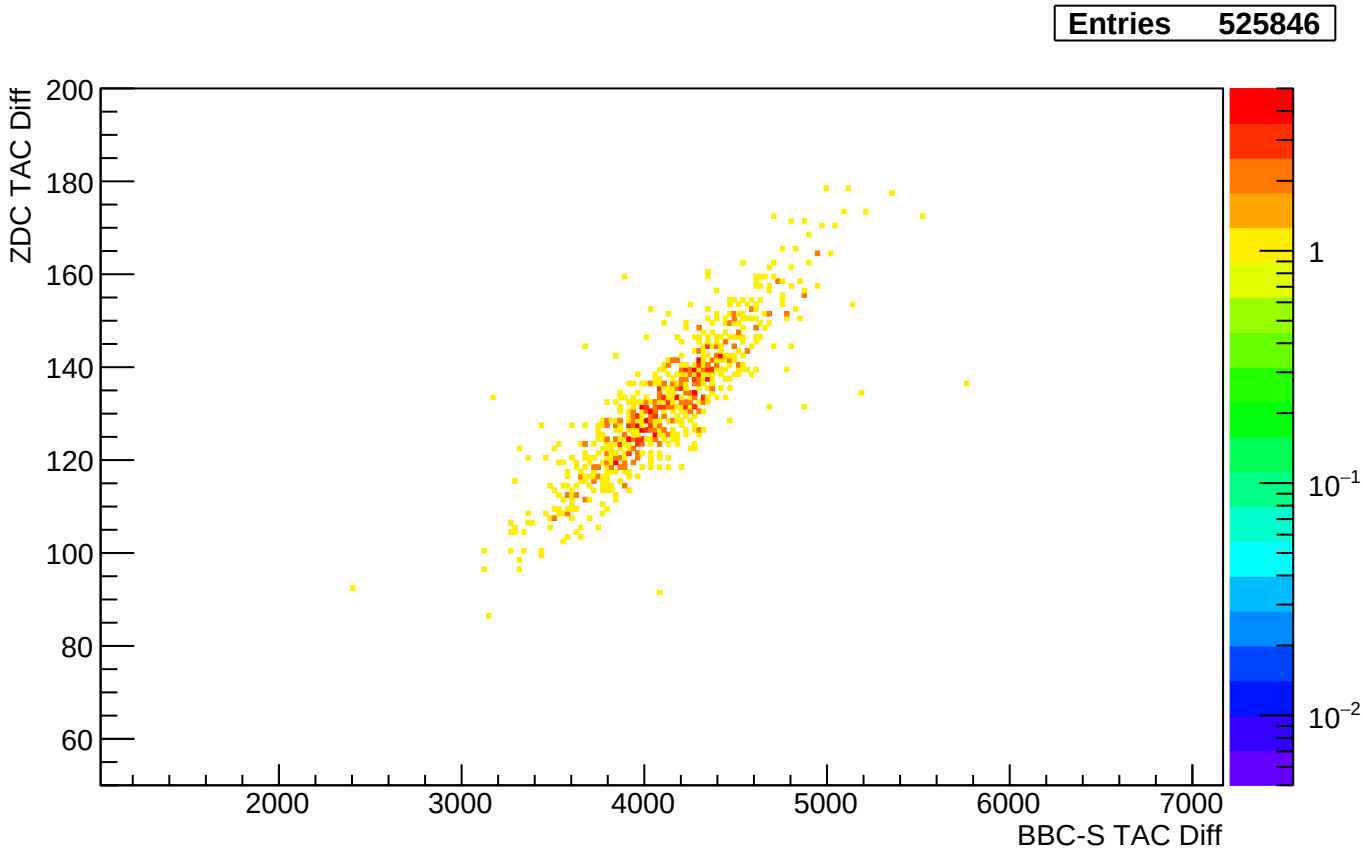

Entries 525846
TOF-Mult
EPD-West Hit Cnt

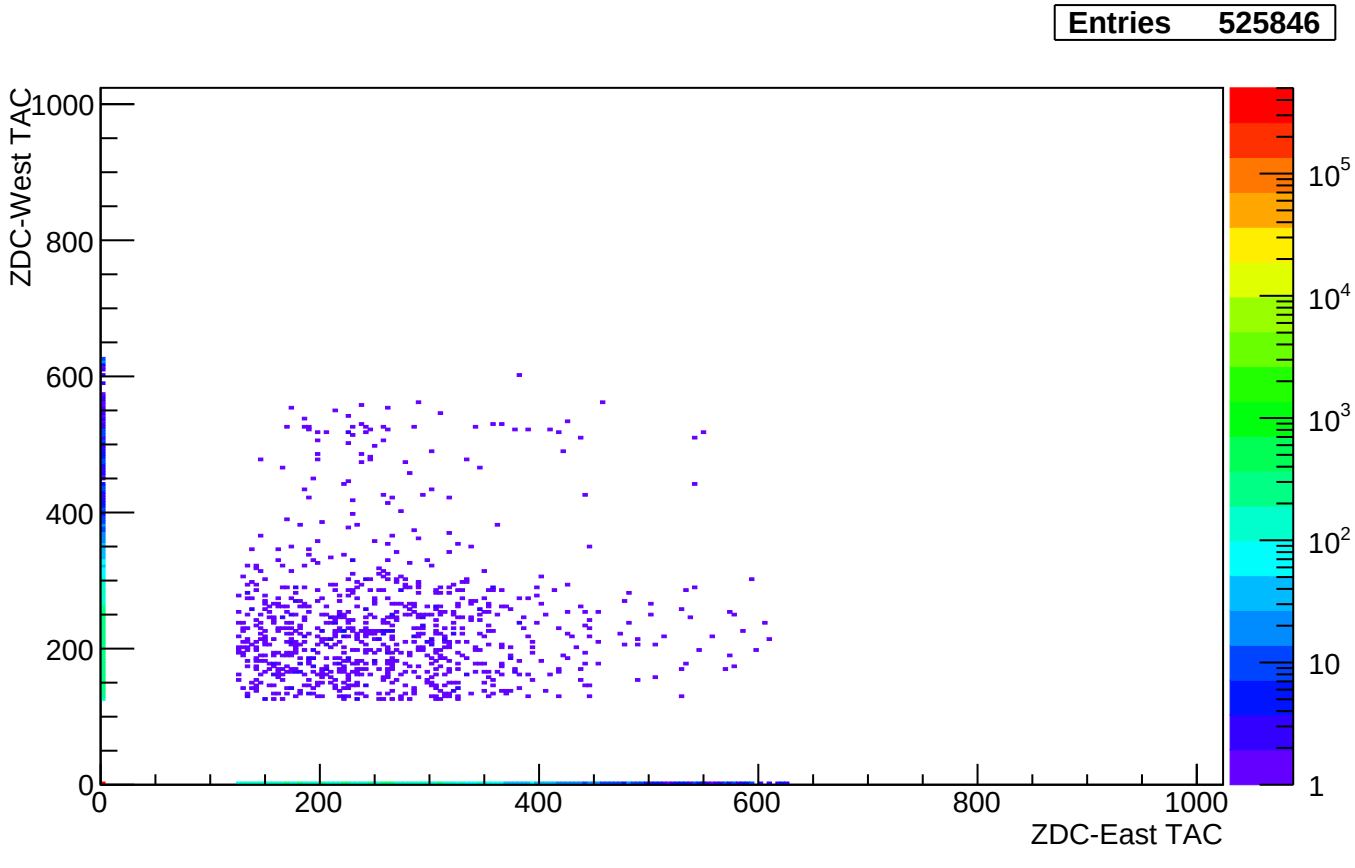

Entries 525846
TOF-Mult
VPD-East ADC Sum

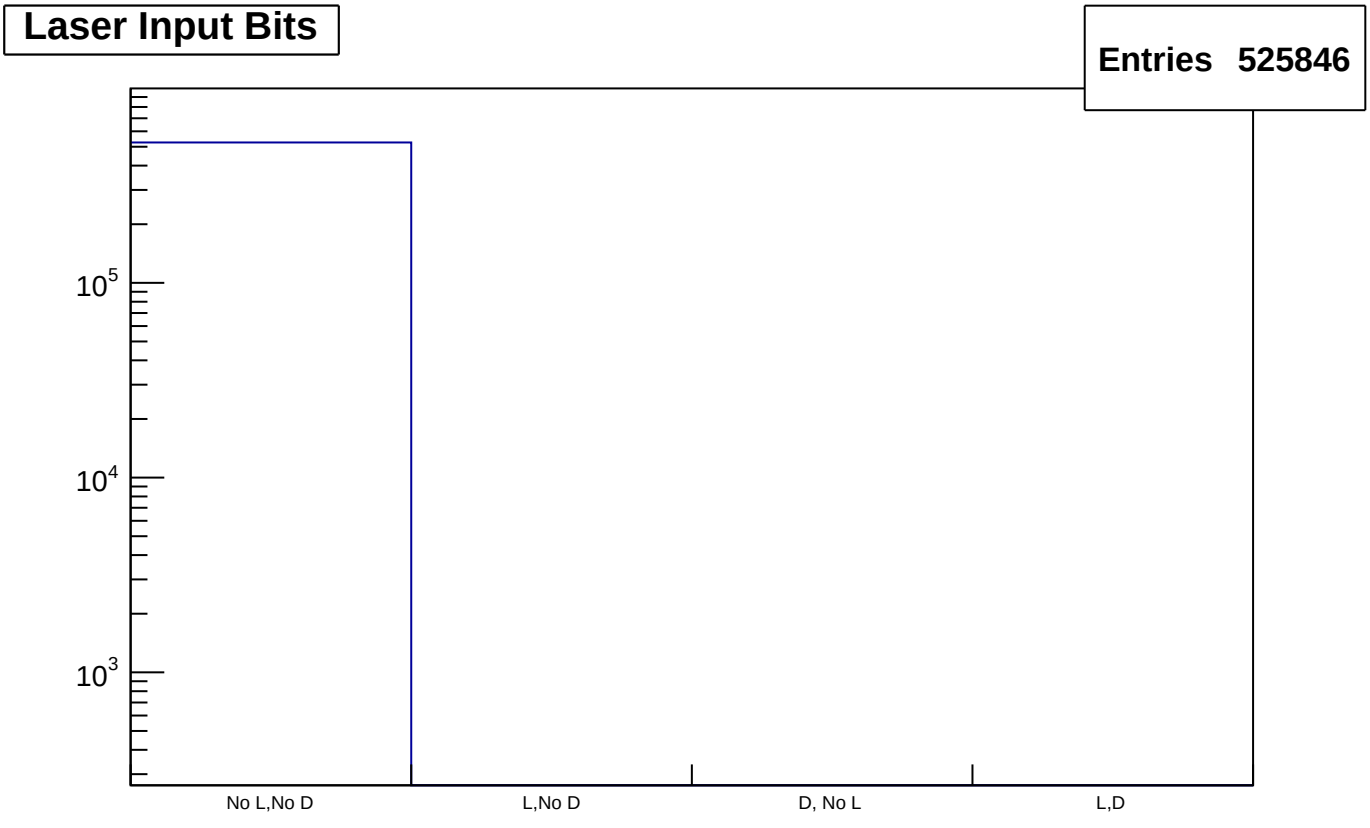

Entries 525846
TOF-Mult
VPD-West ADC Sum

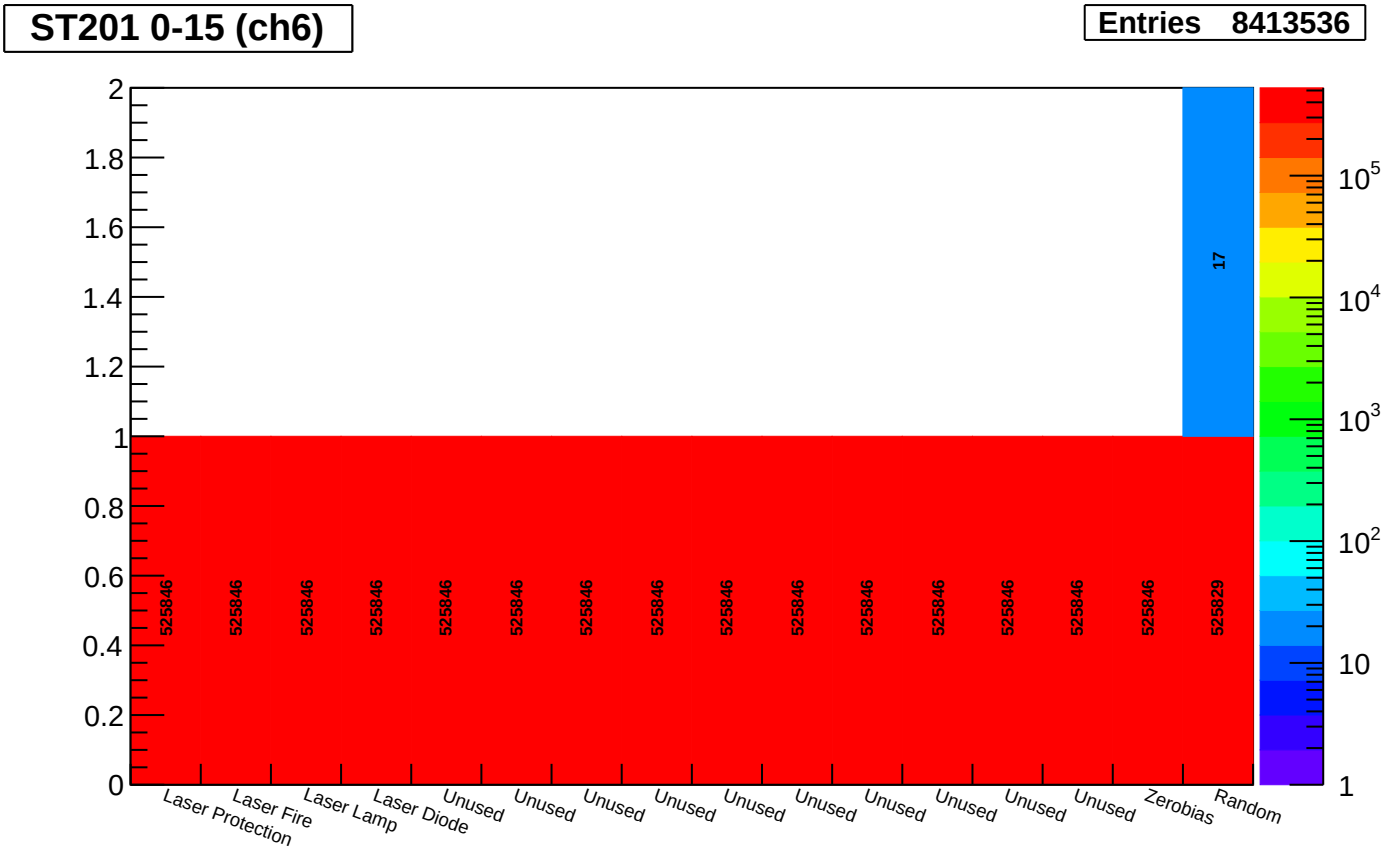

Entries 525846
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

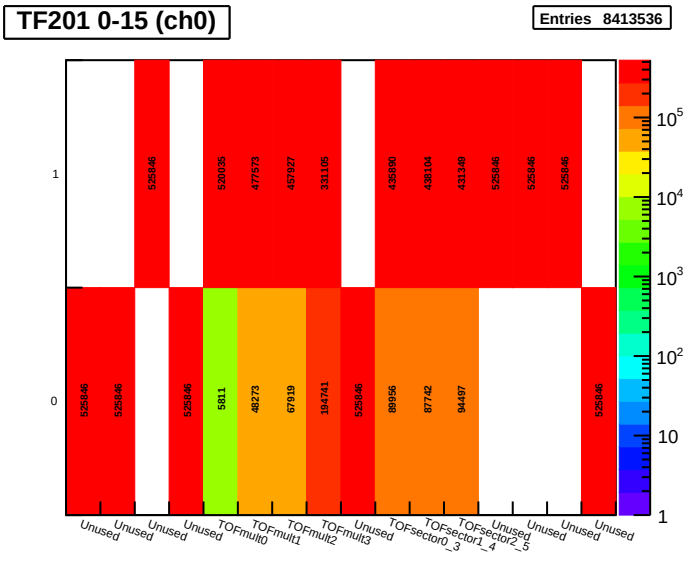

Entries 525846
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

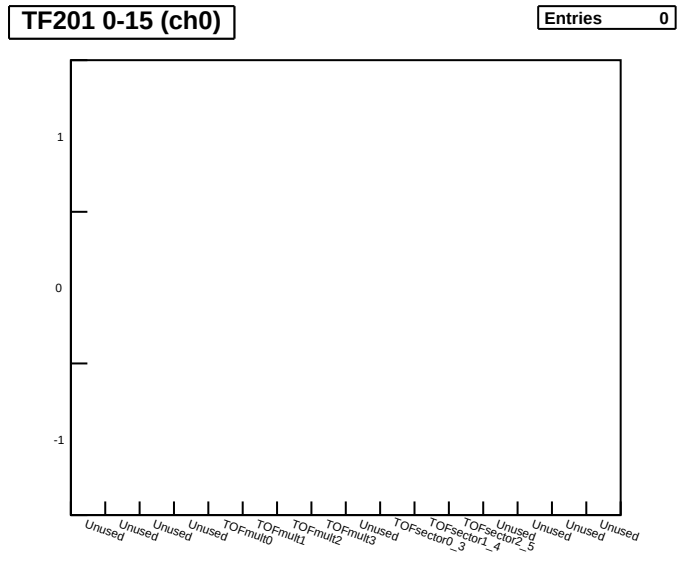

Entries 525846
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

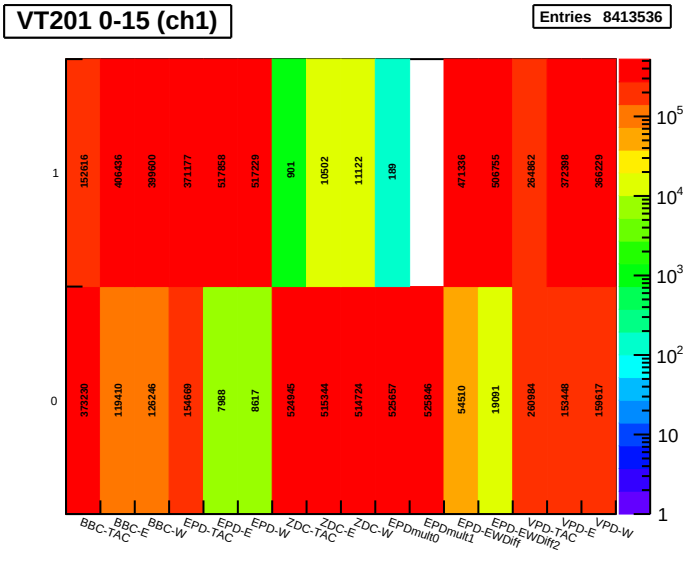

Entries 525846
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

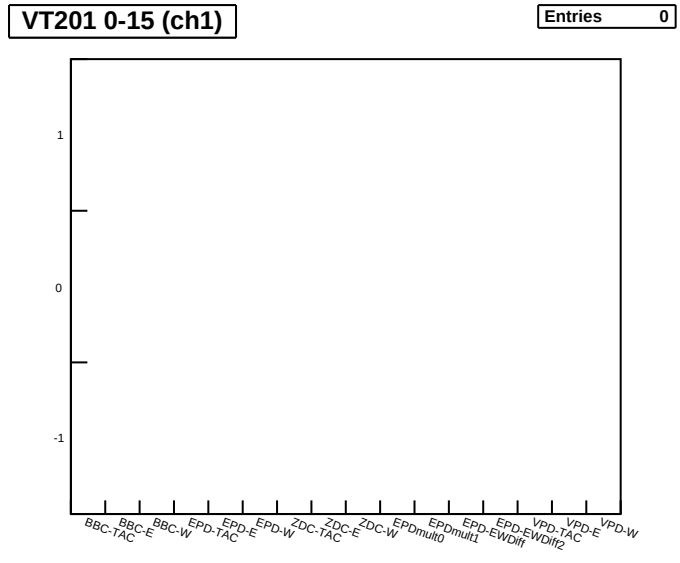

Laser Input Bits
Entries 525846
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

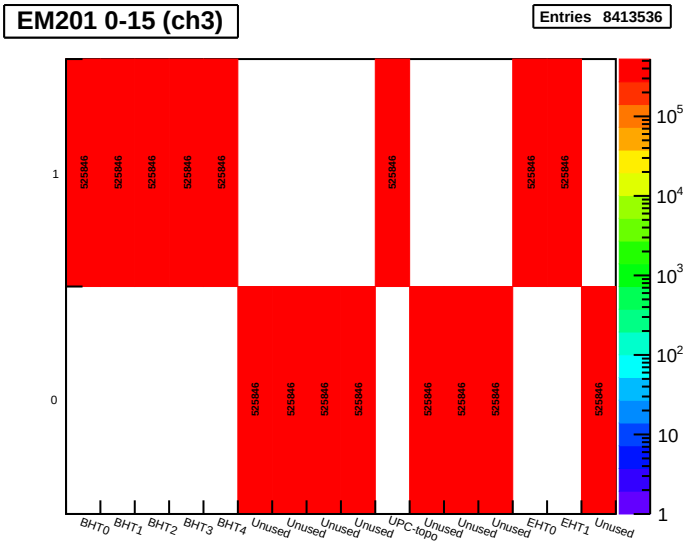

ST201 0-15 (ch6)
Entries 8413536
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
525846
525846
525846
525846
525846
525846
525846
525846
525846
525846
525846
525846
525846
525846
525829
17
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

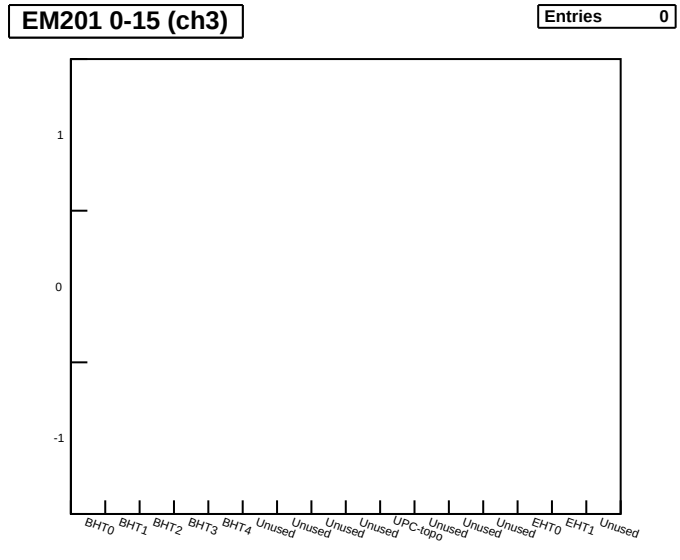

TF201 0-15 (ch0)
Entries 8413536
1
0
525846
520035
477573
457927
331105
435890
438104
431349
525846
525846
525846
525846
525846
525846
525846
5811
49273
67919
194741
525846
89956
87742
94497
525846
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 8413536
1
0
152616
406436
399600
371177
517858
517229
901
10502
11122
189
471336
506755
264862
372398
366229
373230
119410
126246
154669
7988
8617
524945
515344
514724
525657
525846
54510
19091
260984
153448
159617
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 8413536
1
0
525846
525846
525846
525846
525846
525846
525846
525846
525846
525846
525846
525846
525846
525846
525846
525846
525846
525846
525846
525846
525846
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