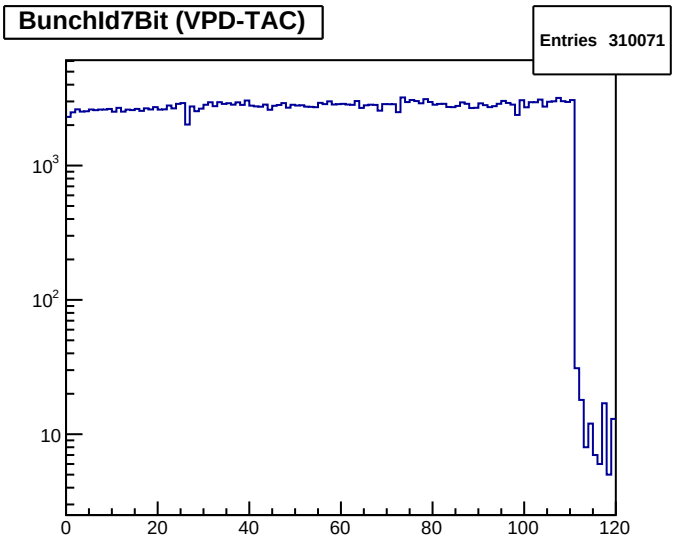
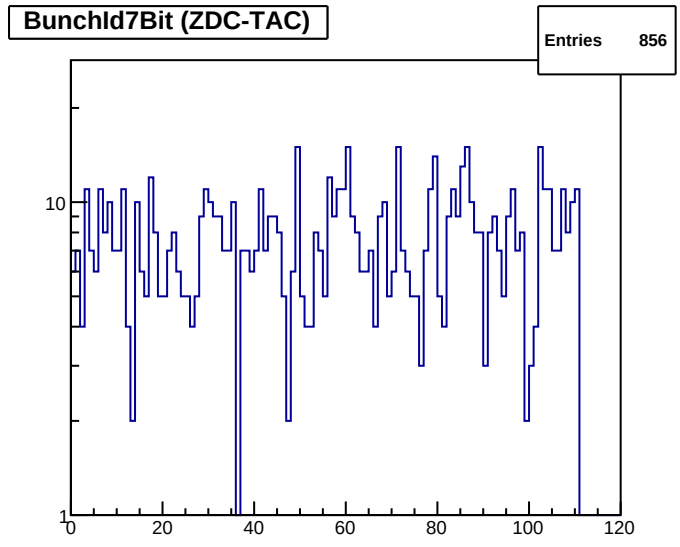
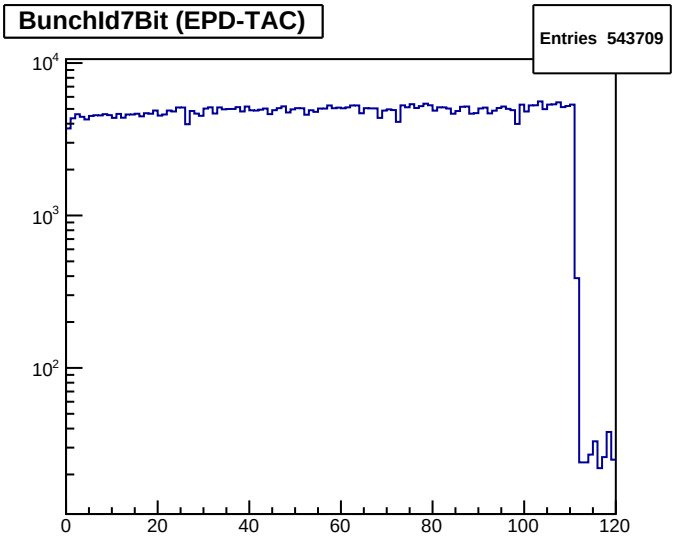
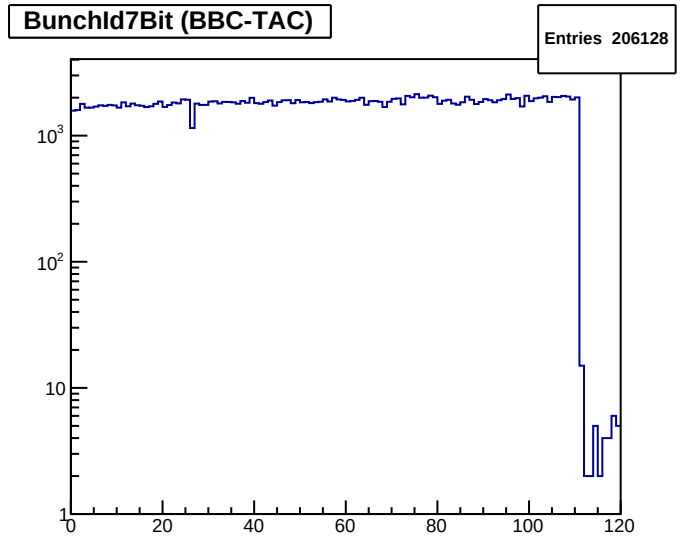
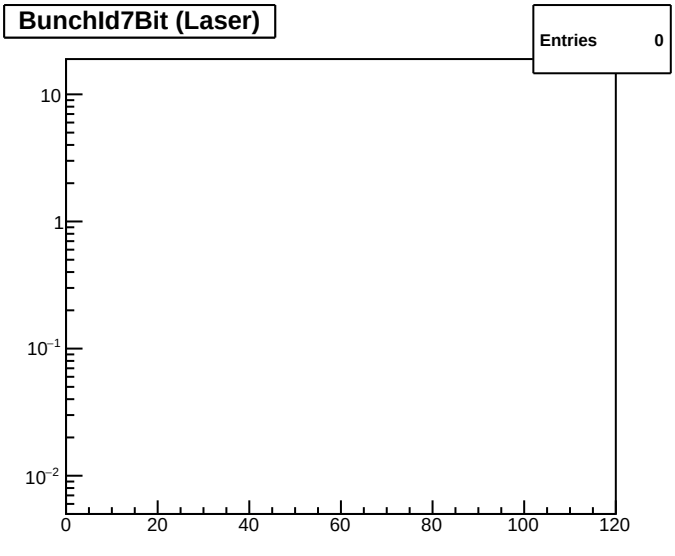
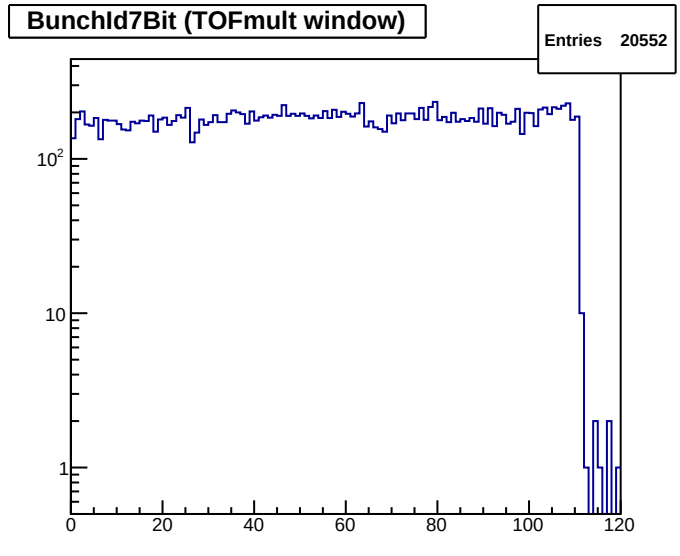

BunchId7Bit (VPD-TAC)
Entries 310071

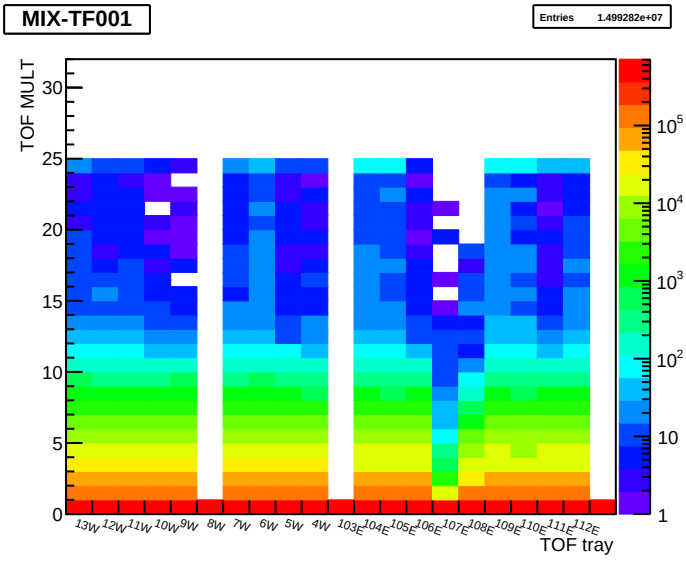

BunchId7Bit (ZDC-TAC)
Entries 856

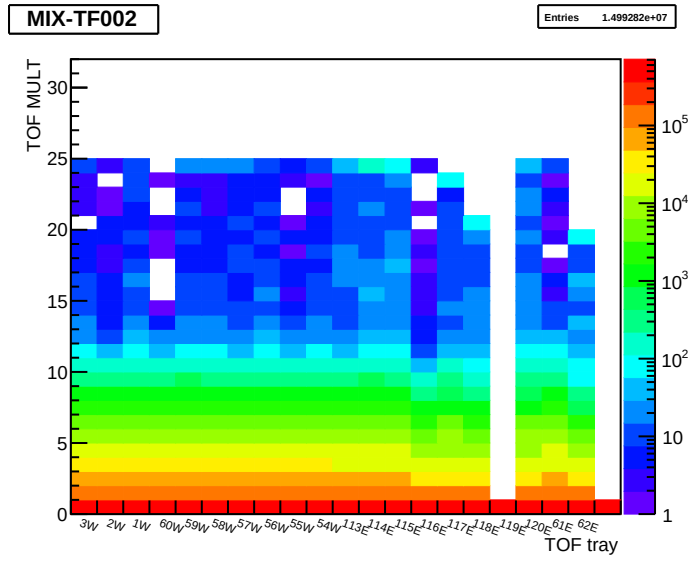

BunchId7Bit (EPD-TAC)
Entries 543709

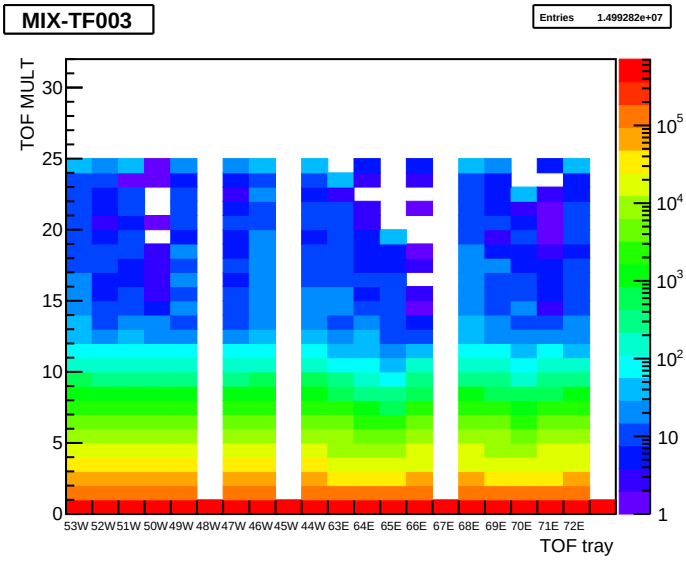

BunchId7Bit (BBC-TAC)
Entries 206128

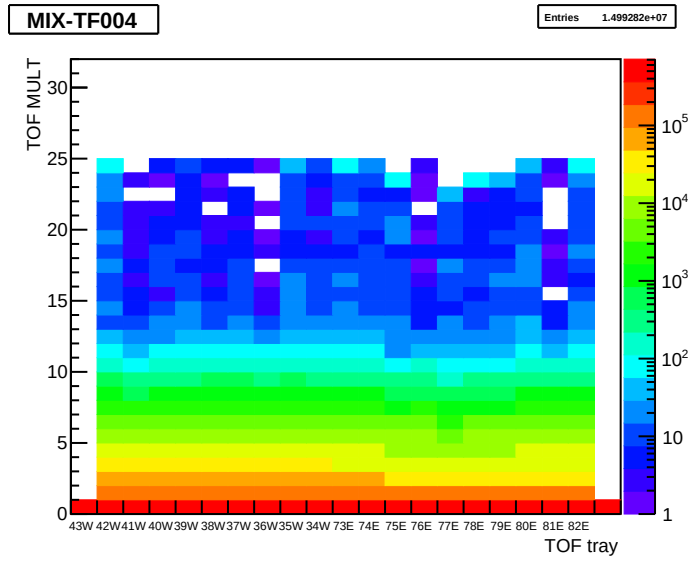

BunchId7Bit (Laser)
Entries 0

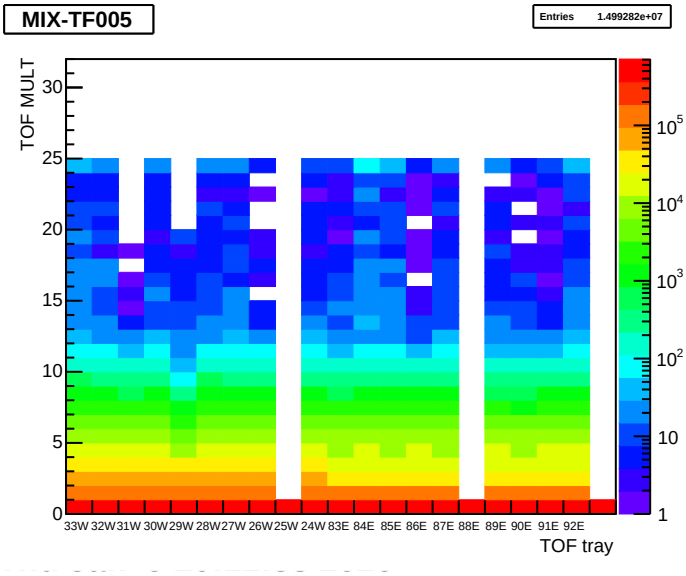

BunchId7Bit (TOFmult window)
Entries 20552

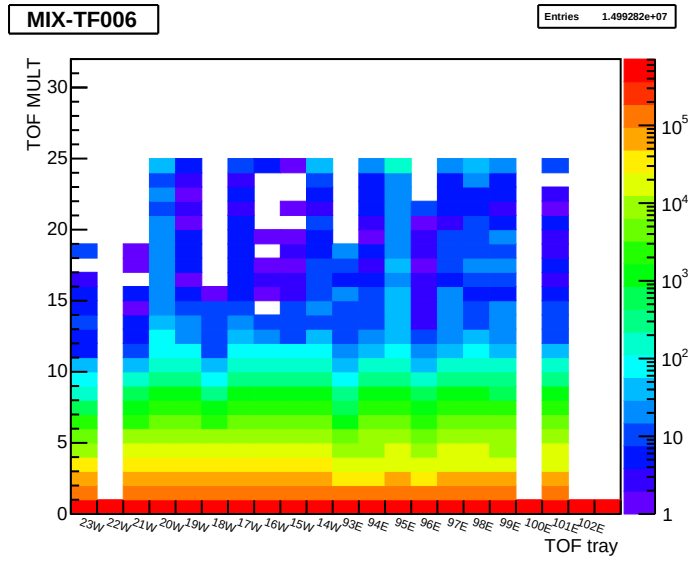

MIX-TF001
Entries 1.499282e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

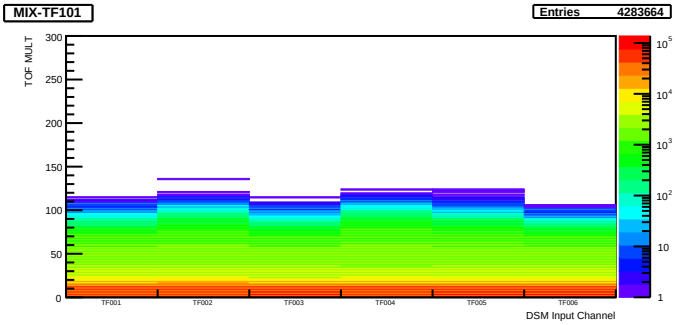

MIX-TF002
Entries 1.499282e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

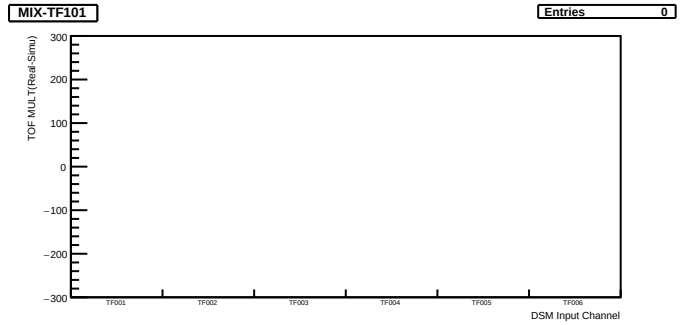

MIX-TF003
Entries 1.499282e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

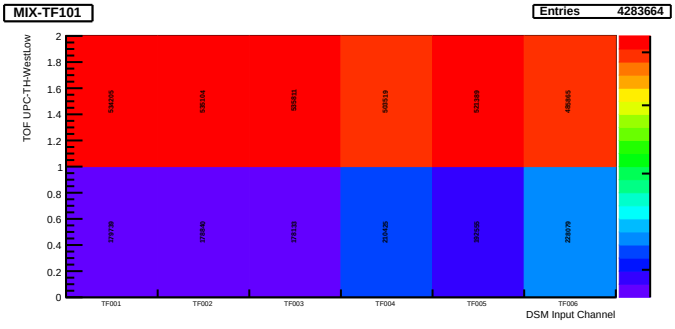

MIX-TF004
Entries 1.499282e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

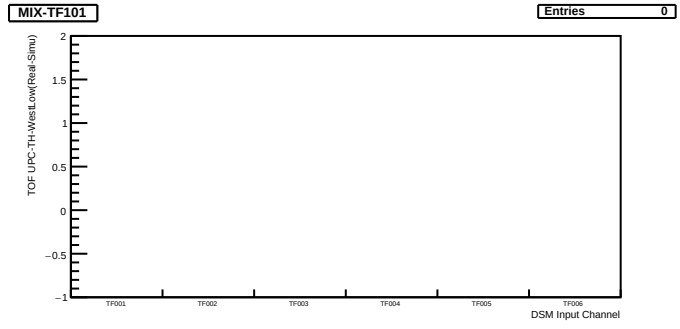

MIX-TF005
Entries 1.499282e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

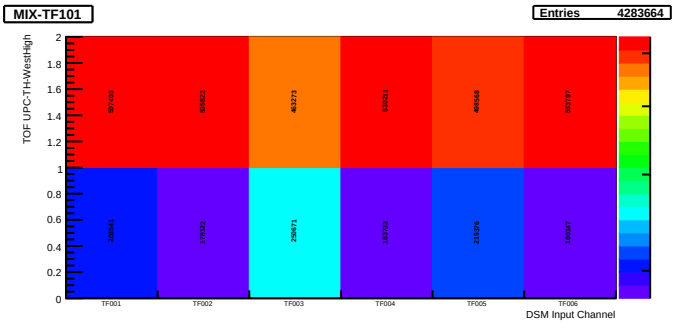

MIX-TF006
Entries 1.499282e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

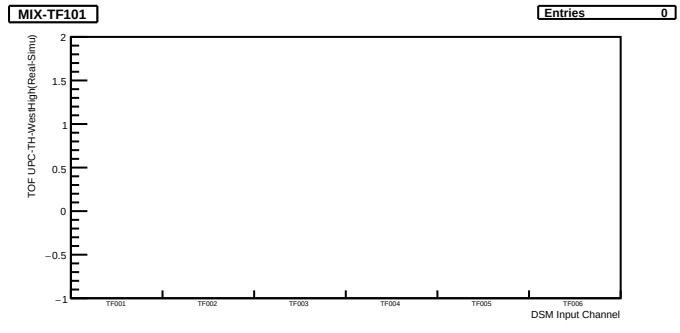

MIX-TF101
Entries 4283664
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

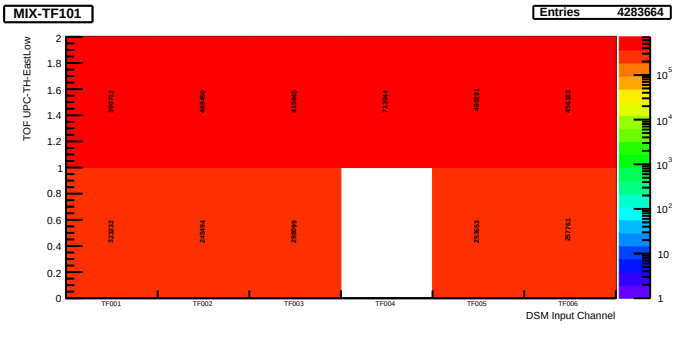

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

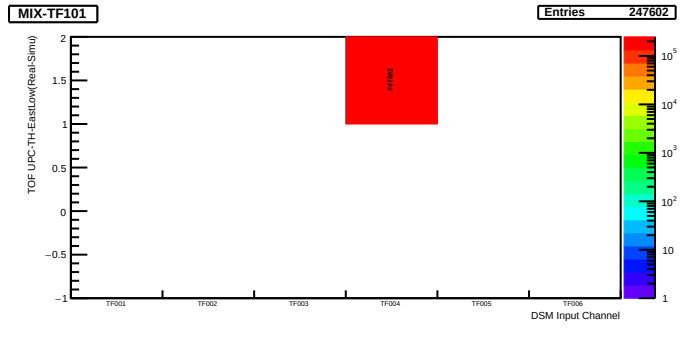

MIX-TF101
Entries 4283664
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

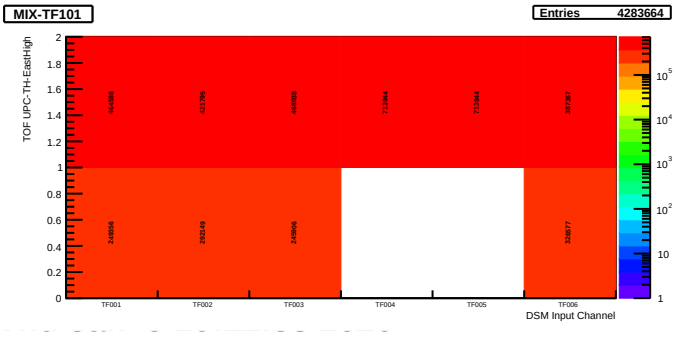

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

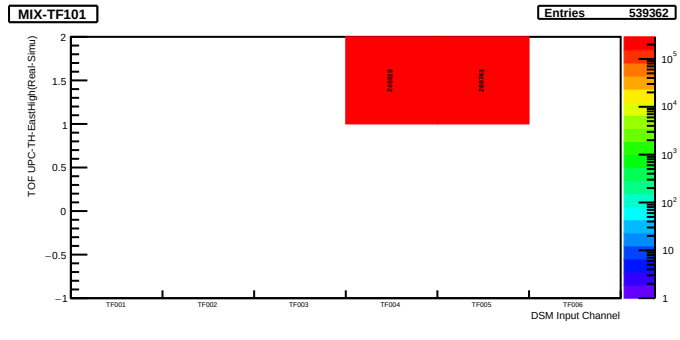

MIX-TF101
Entries 4283664
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

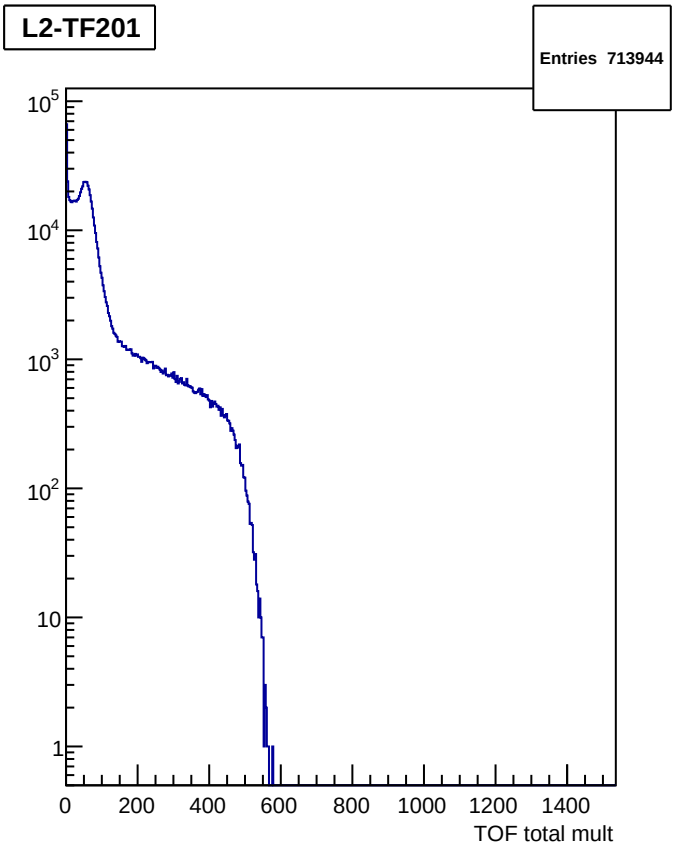

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

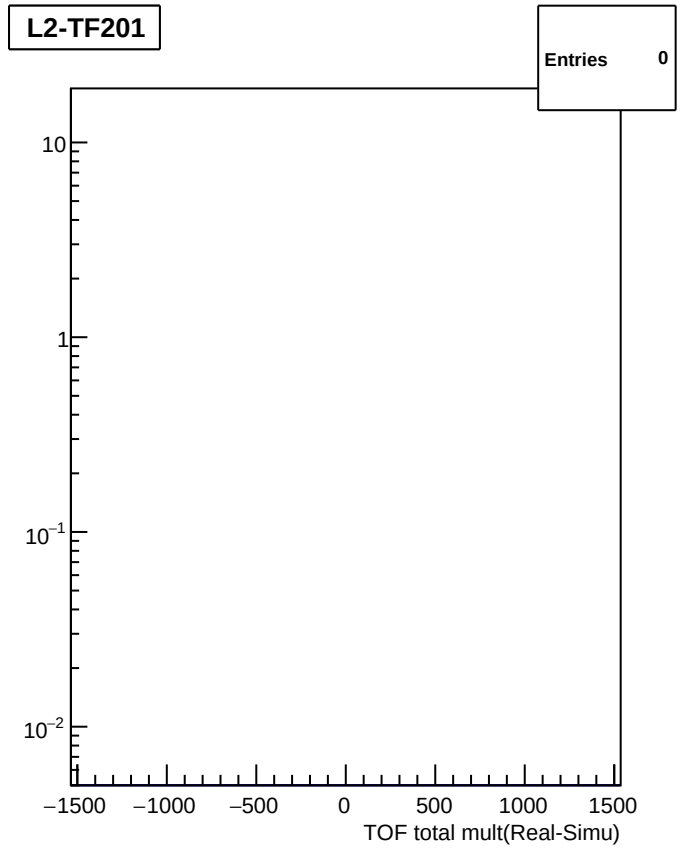

MIX-TF101
Entries 4283664
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

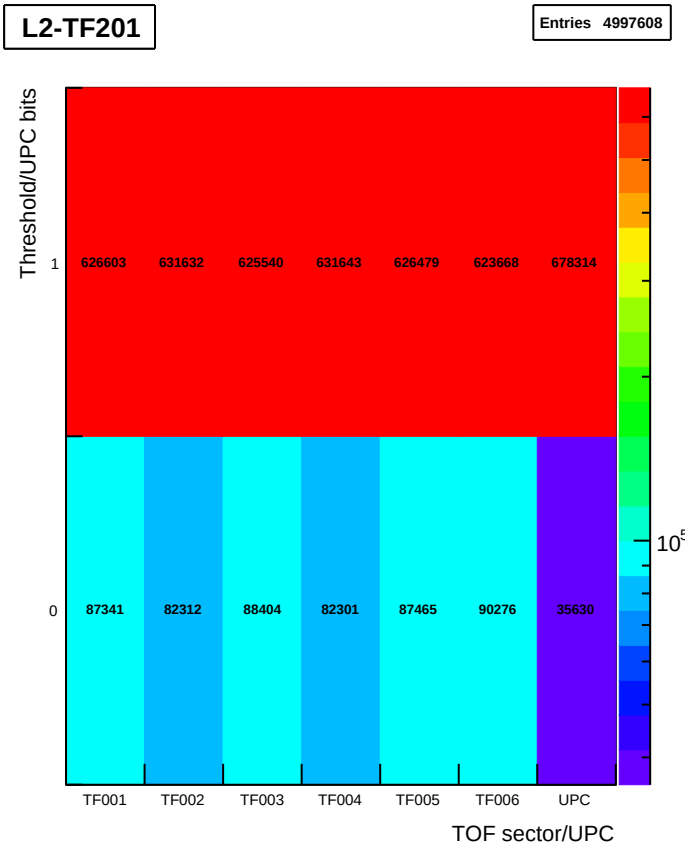

MIX-TF101
Entries 247602
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

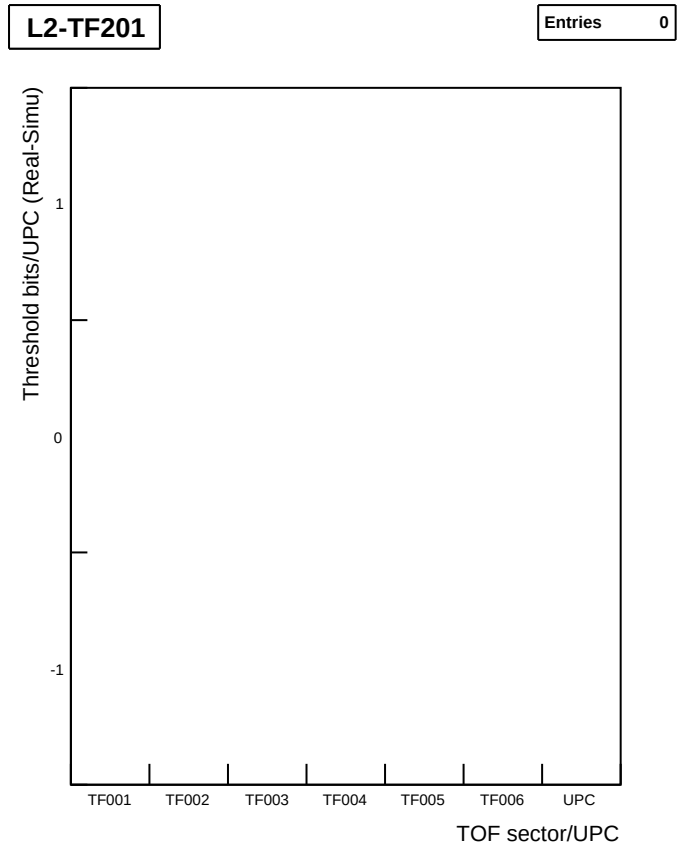

MIX-TF101
Entries 4283664
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

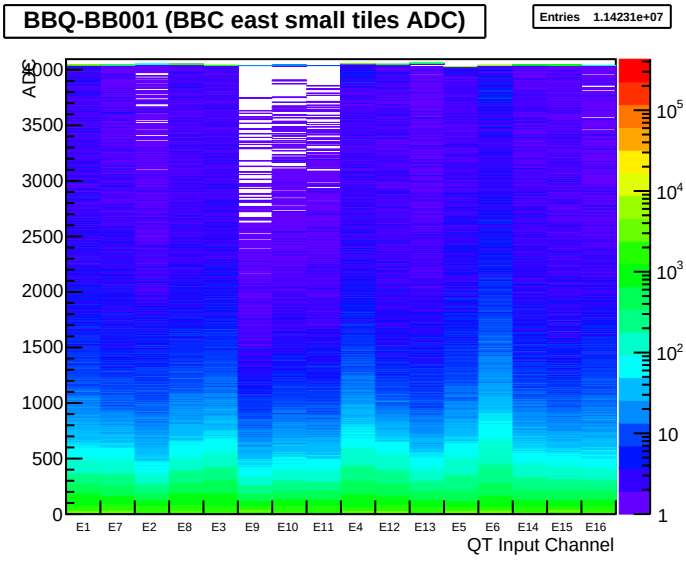

MIX-TF101
Entries 539362
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

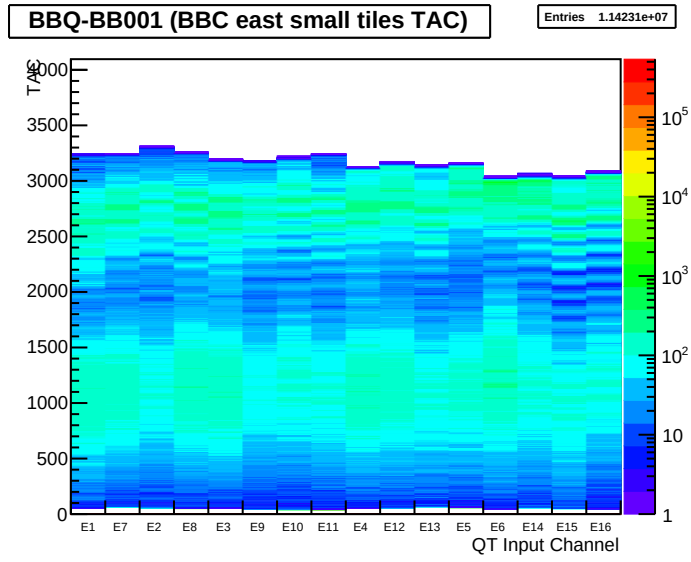

L2-TF201
Entries 713944
TOF total mult

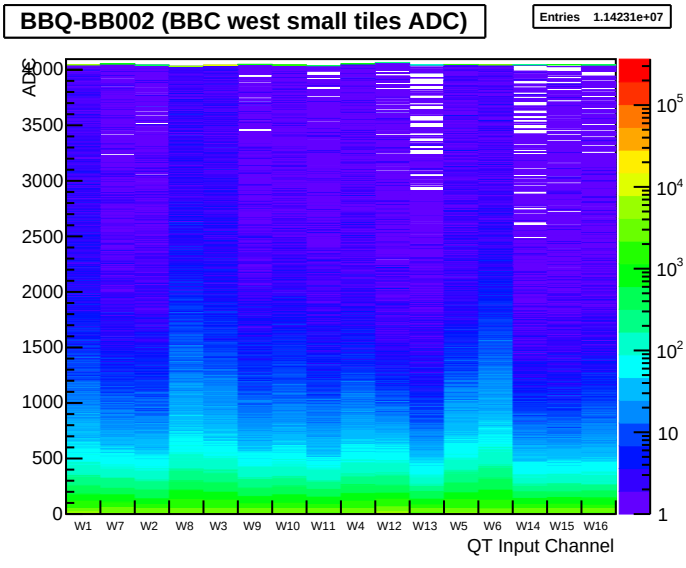

L2-TF201
Entries 0
TOF total mult(Real-Simu)

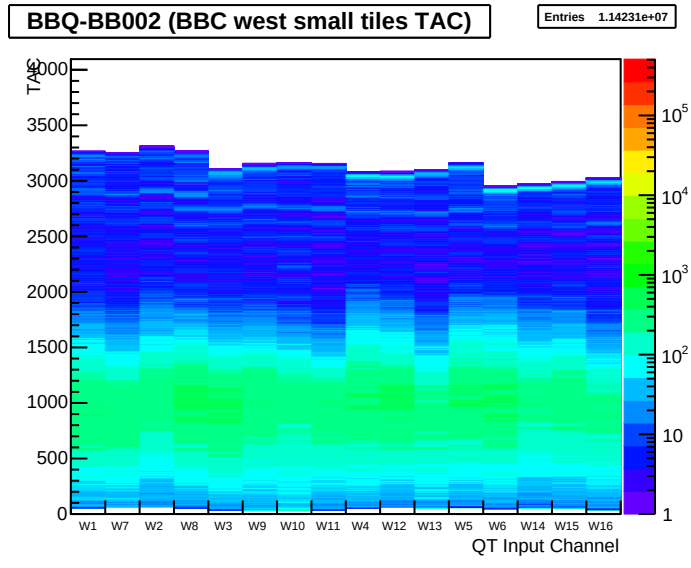

L2-TF201
Entries 4997608
Threshold/UPC bits
626603
631632
625540
631643
626479
623668
678314
87341
82312
88404
82301
87465
90276
35630
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

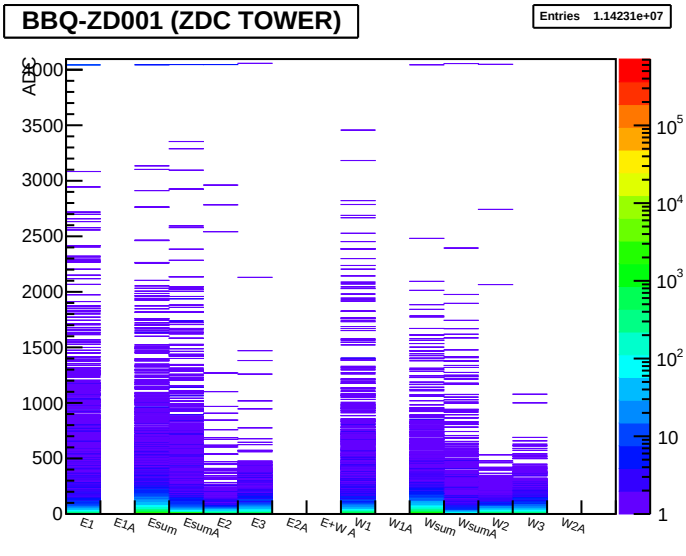

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

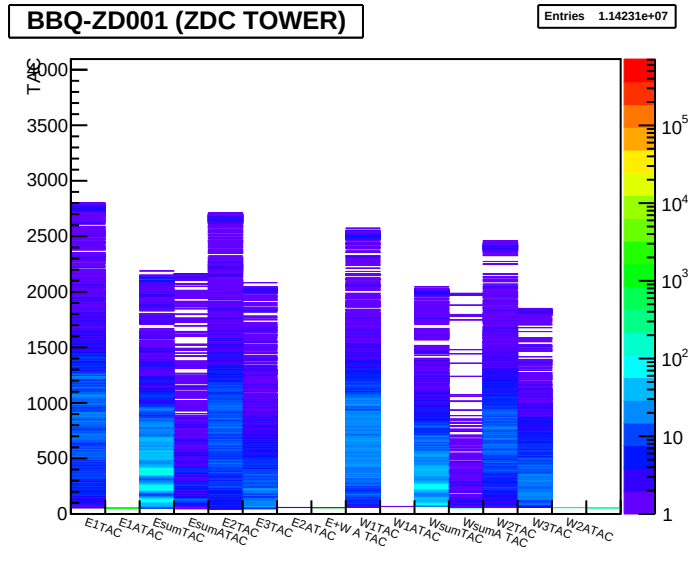

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.14231e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

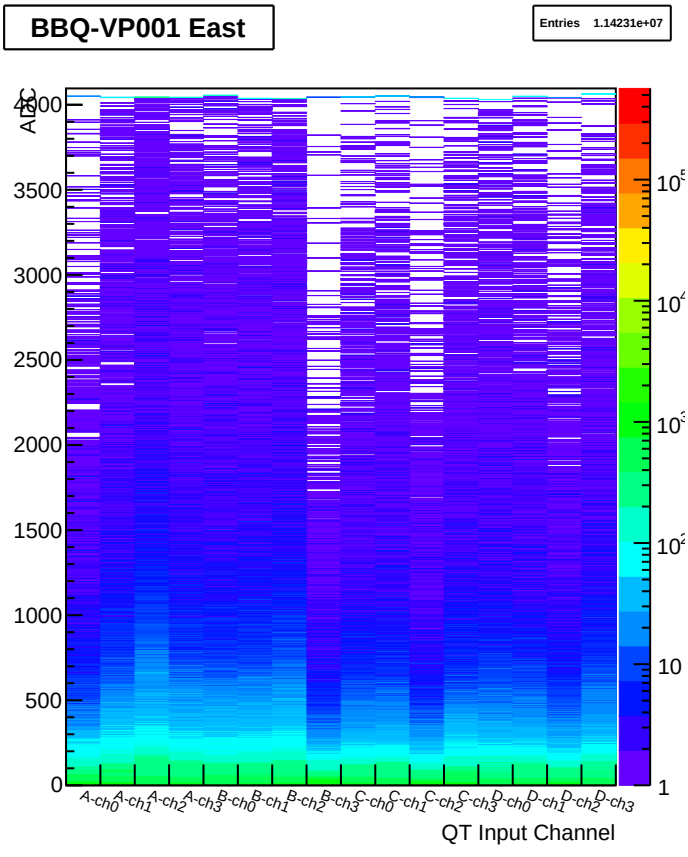

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.14231e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

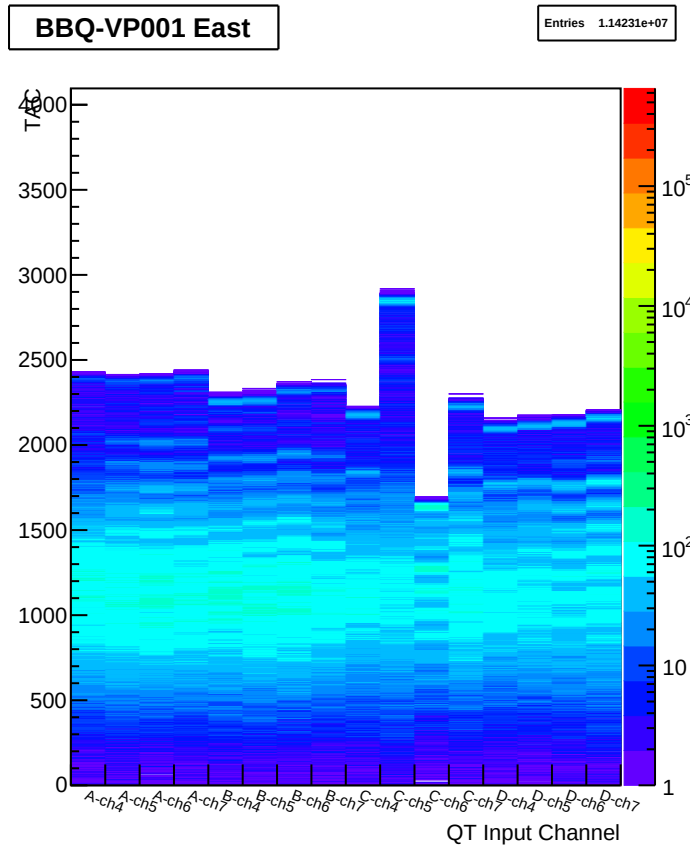

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.14231e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

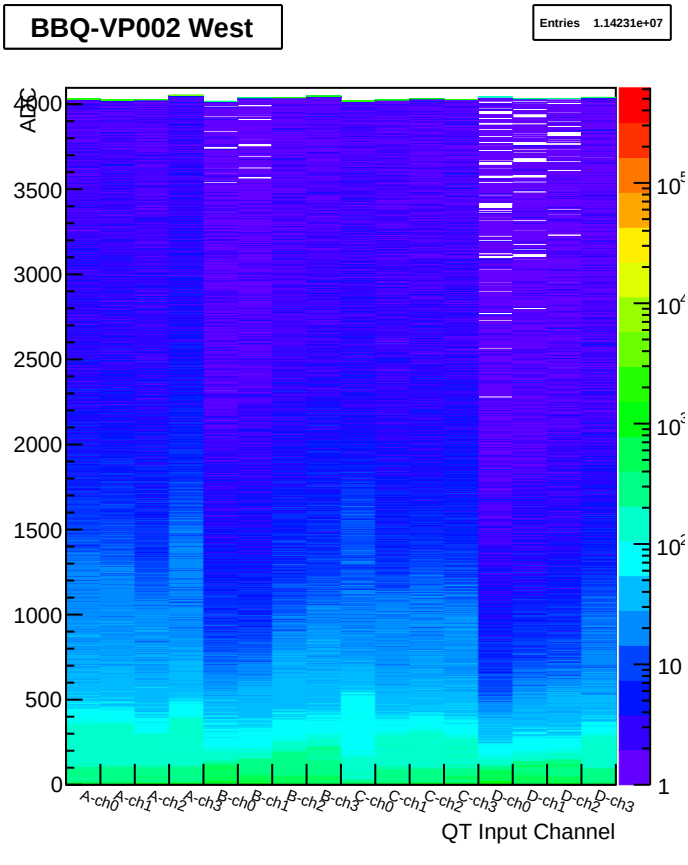

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.14231e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

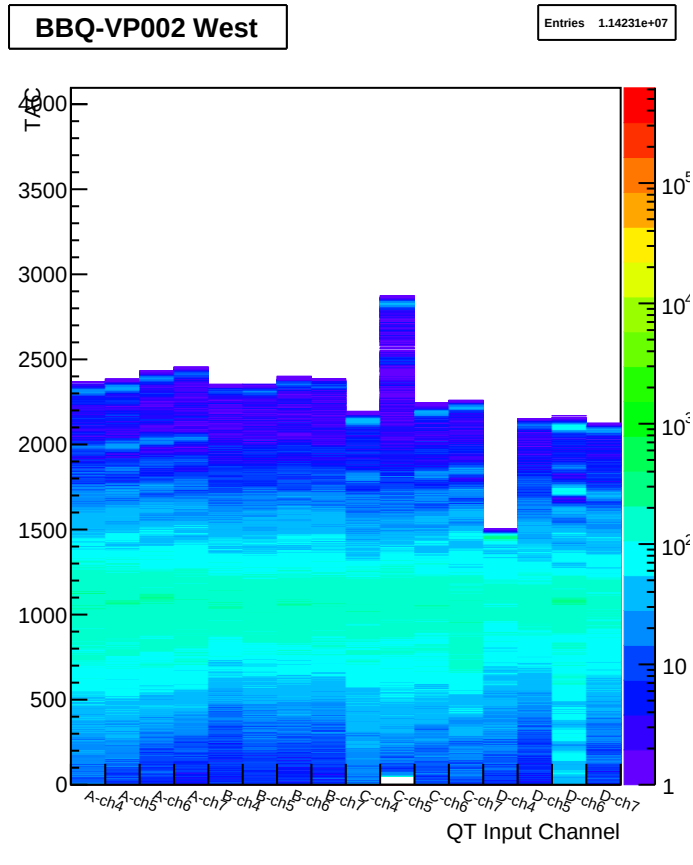

BBQ-ZD001 (ZDC TOWER)
Entries 1.14231e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

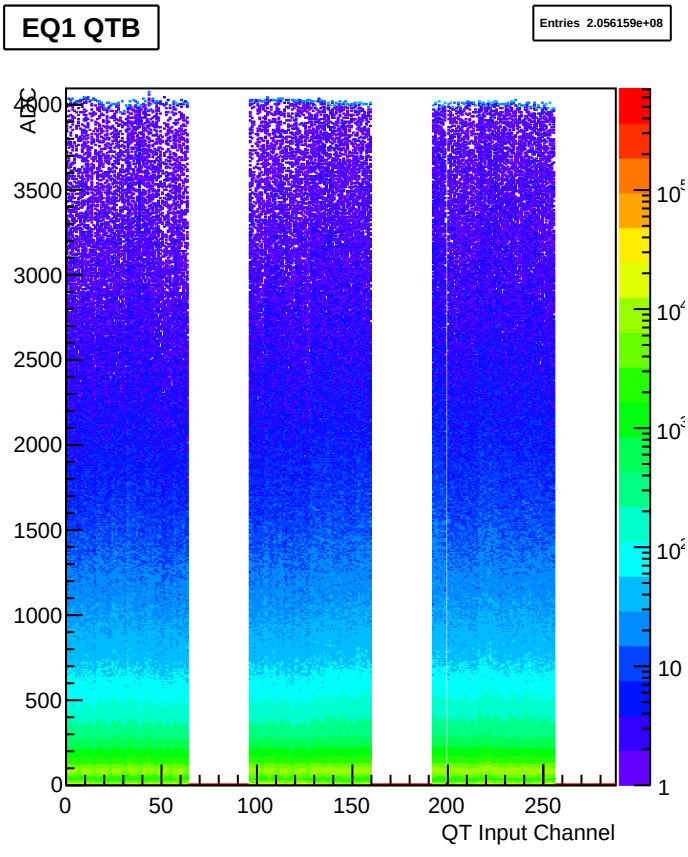

BBQ-ZD001 (ZDC TOWER)
Entries 1.14231e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

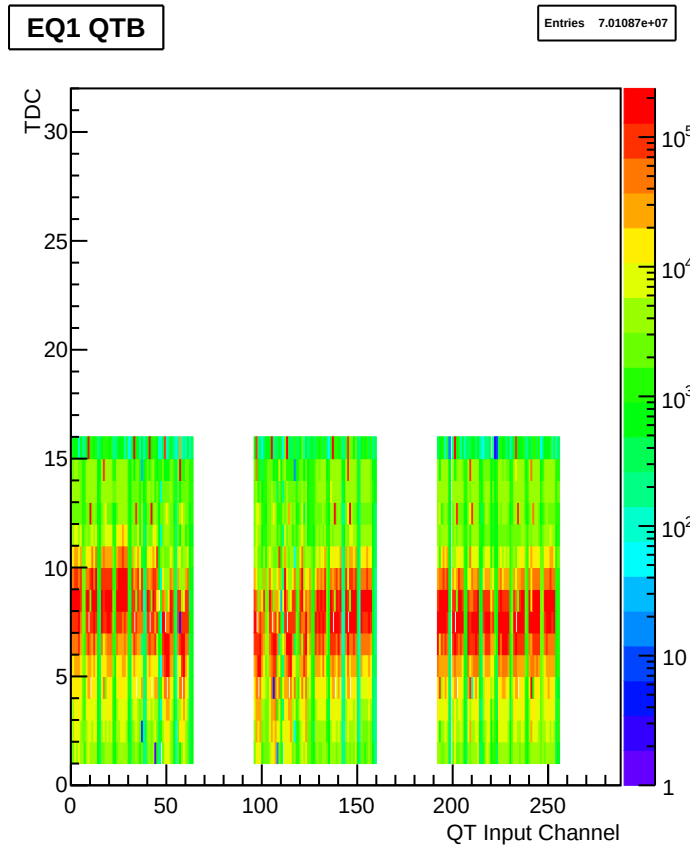

BBQ-VP001 East
Entries 1.14231e+07
ADC
QT Input Channel

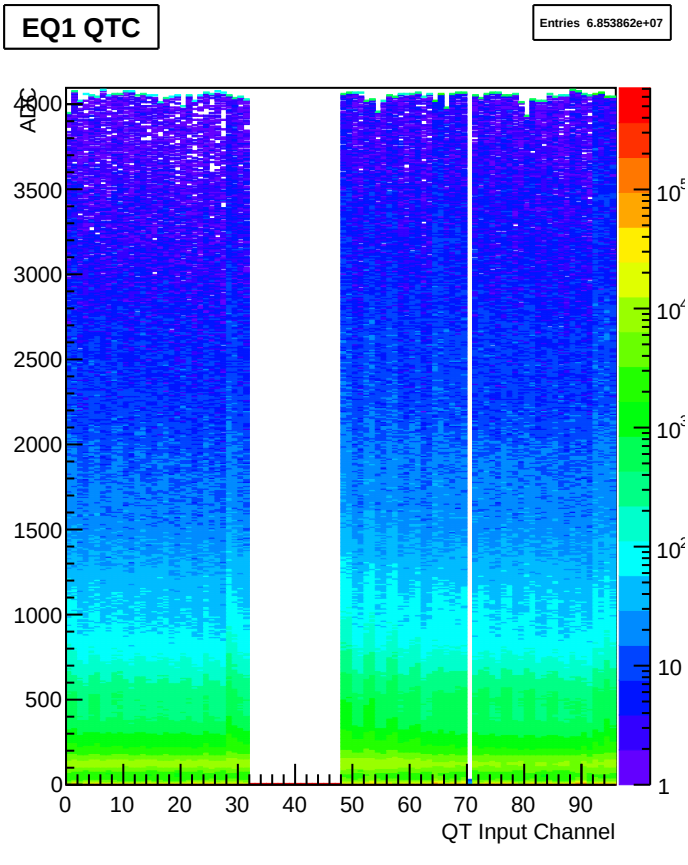

BBQ-VP001 East
Entries 1.14231e+07
ADC
QT Input Channel

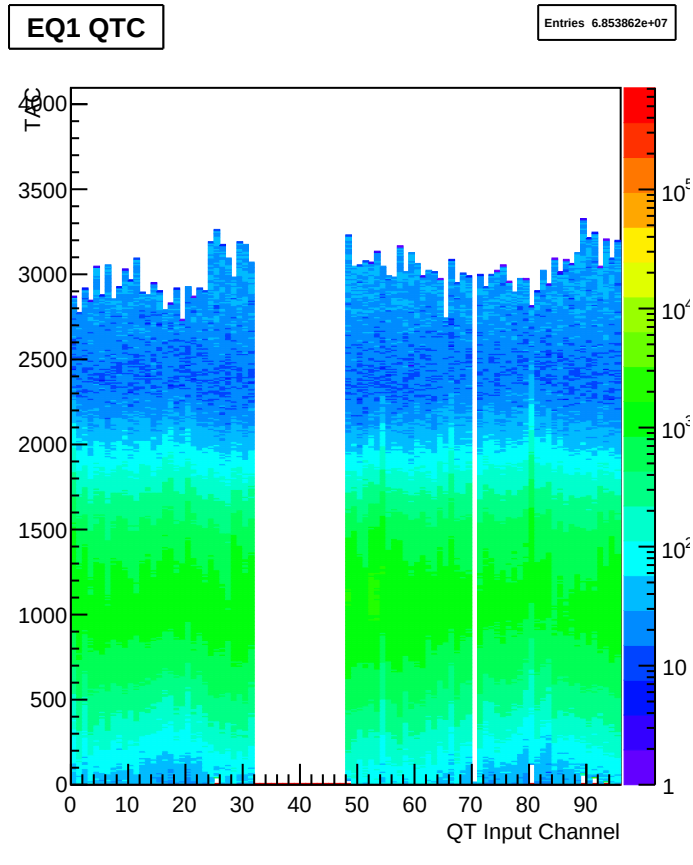

BBQ-VP002 West
Entries 1.14231e+07
ADC
QT Input Channel

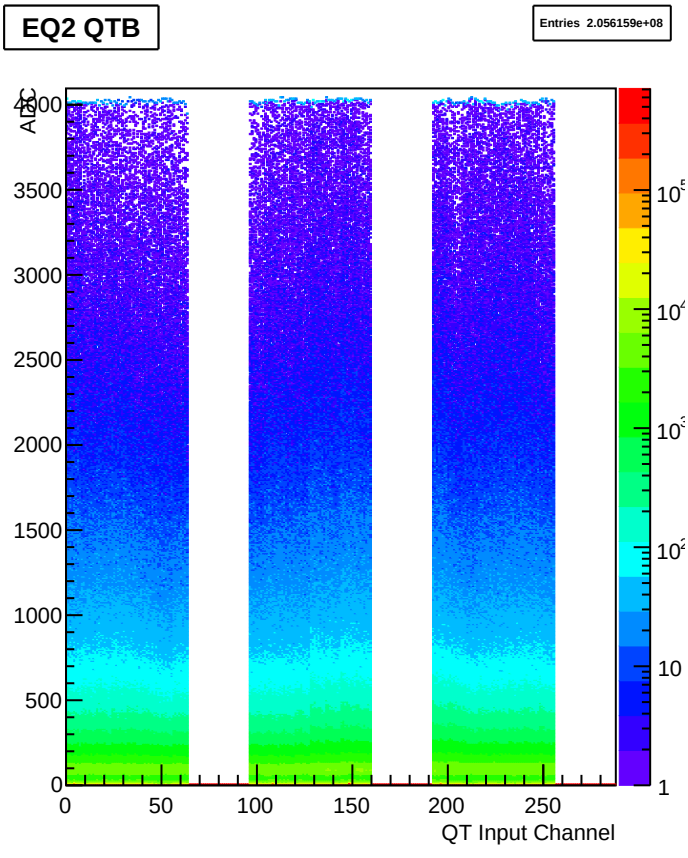

BBQ-VP002 West
Entries 1.14231e+07
ADC
QT Input Channel

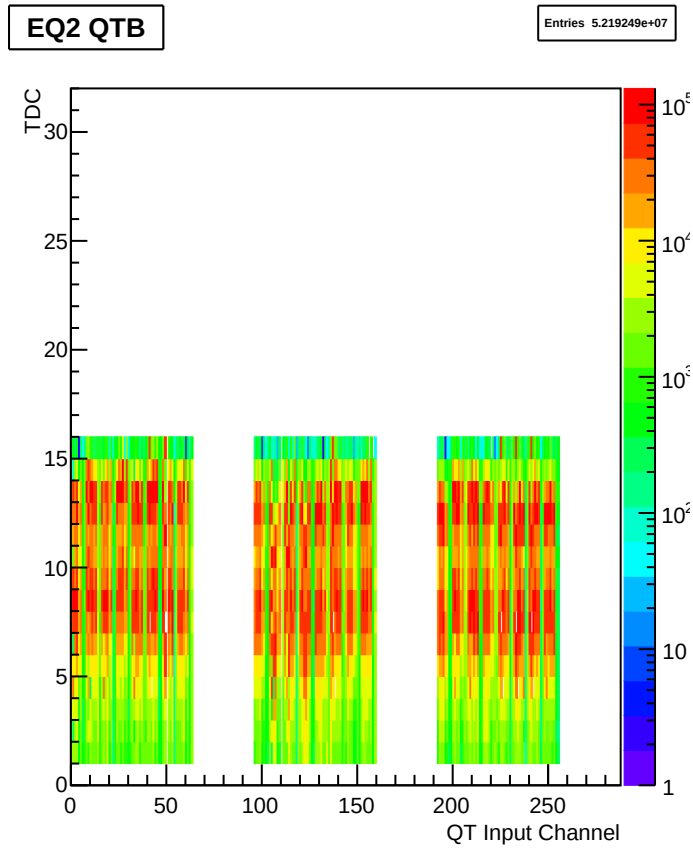

EQ1 QTB
Entries 2.056159e+08
ADC
QT Input Channel

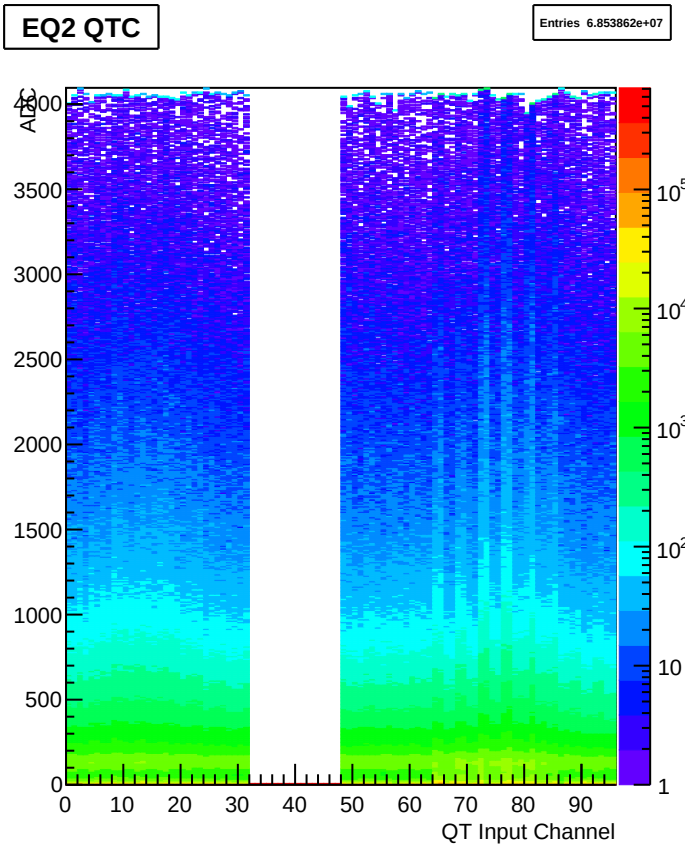

EQ1 QTB
Entries 7.01087e+07
TDC
QT Input Channel

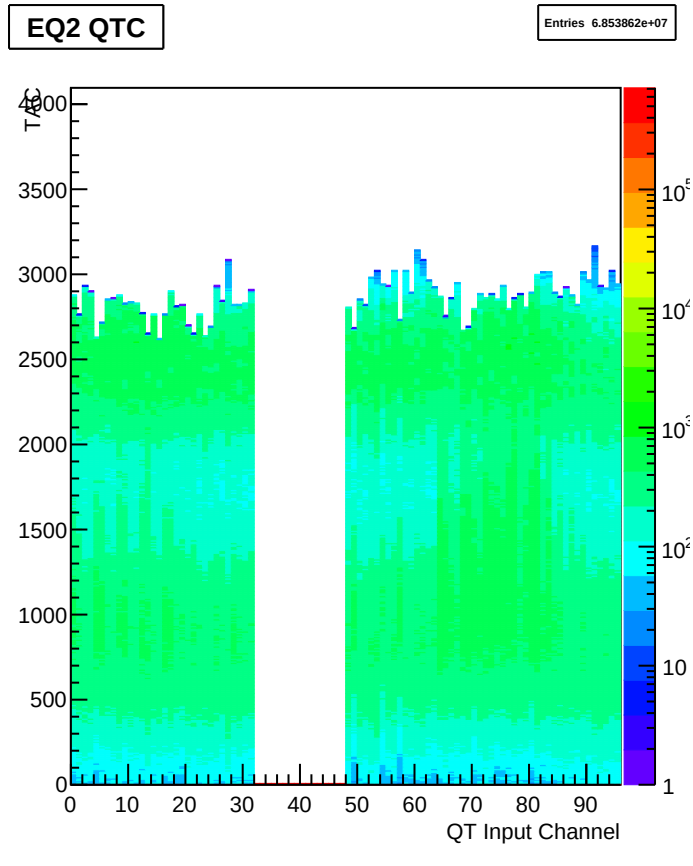

EQ1 QTC
Entries 6.853862e+07
ADC
QT Input Channel

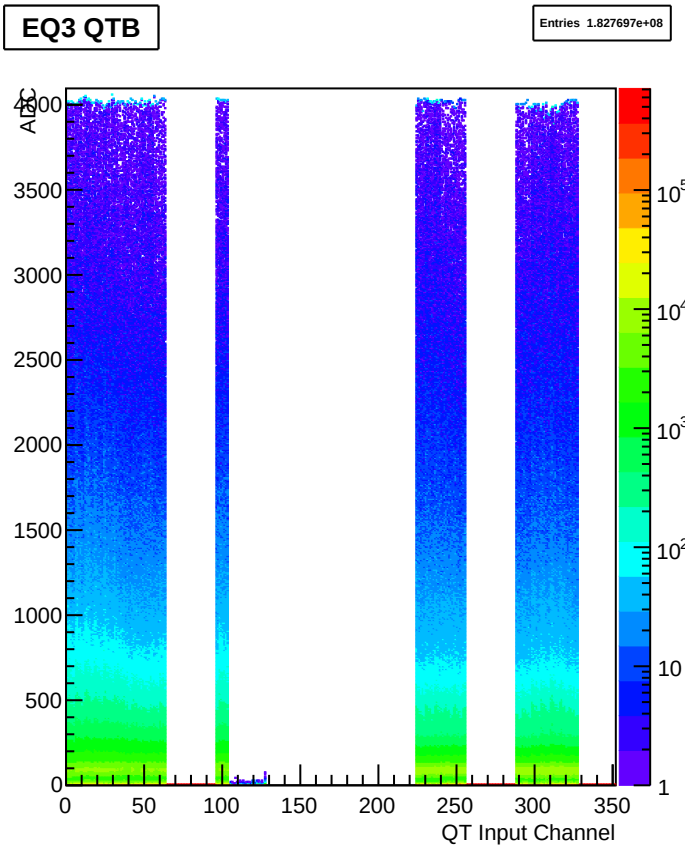

EQ1 QTC
Entries 6.853862e+07
TADC
QT Input Channel

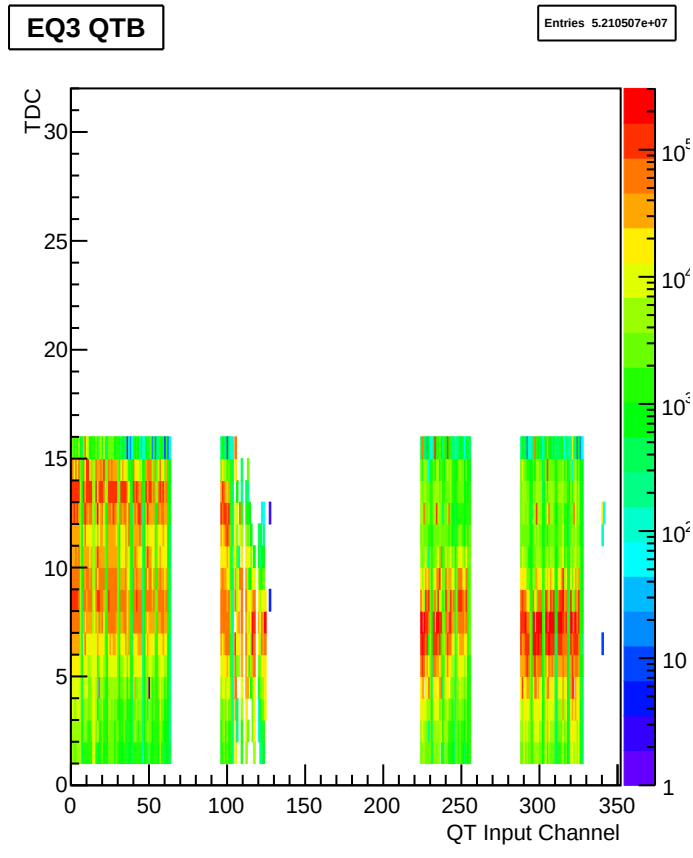

EQ2 QTB
Entries 2.056159e+08
ADC
QT Input Channel

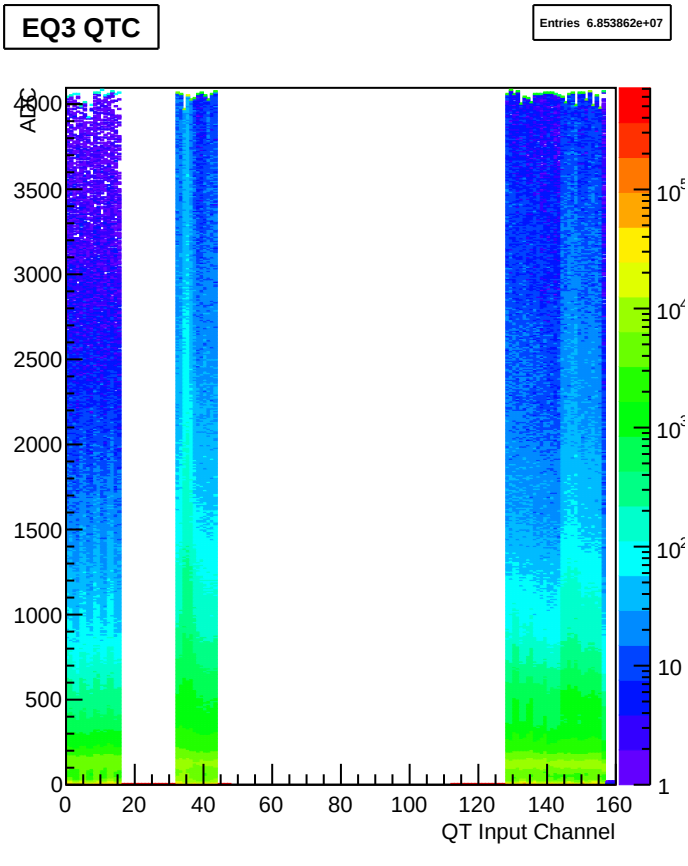

EQ2 QTB
Entries 5.219249e+07
TDC
QT Input Channel

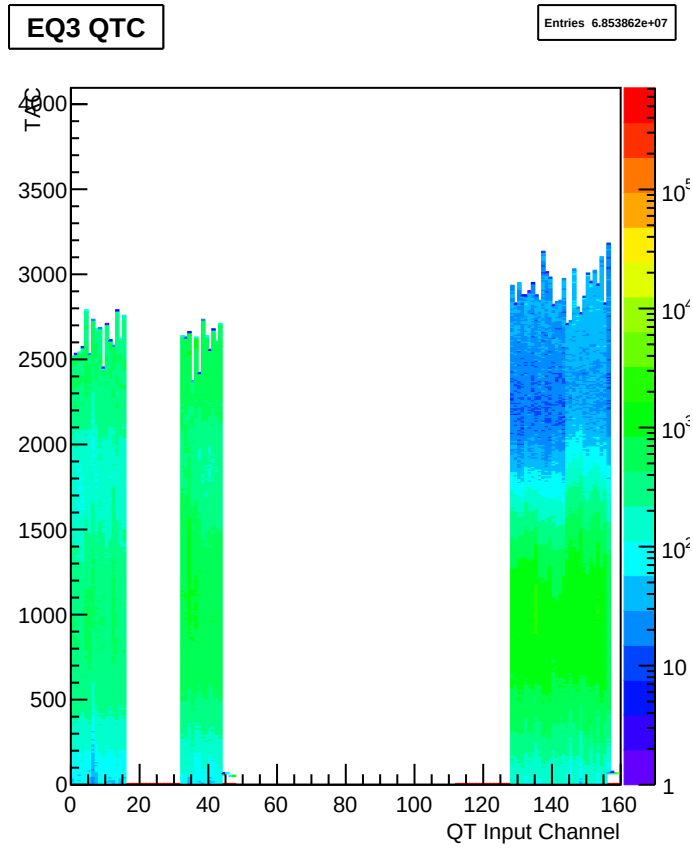

EQ2 QTC
Entries 6.853862e+07
ADC
QT Input Channel

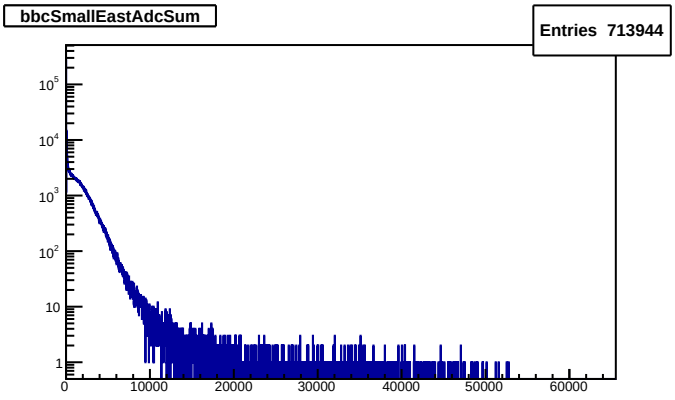

EQ2 QTC
Entries 6.853862e+07
TADC
QT Input Channel

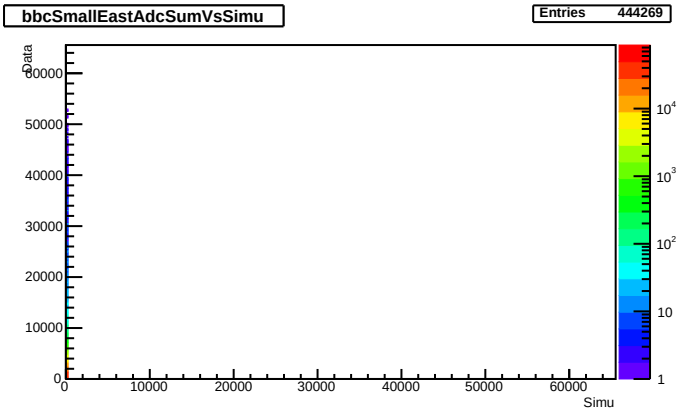

EQ3 QTB
Entries 1.827697e+08
ADC
QT Input Channel

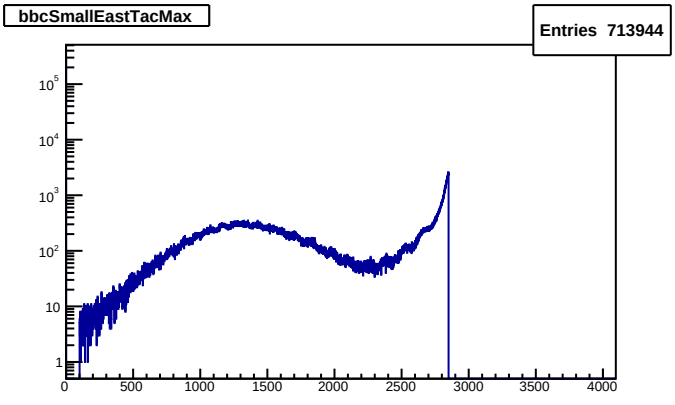

EQ3 QTB
Entries 5.210507e+07
TDC
QT Input Channel

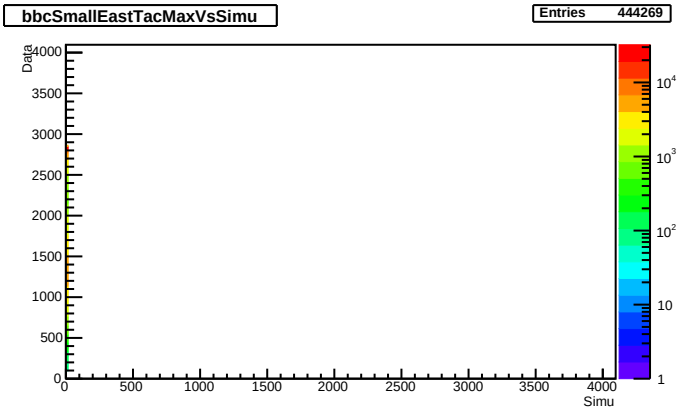

EQ3 QTC
Entries 6.853862e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.853862e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 713944


bbcSmallEastAdcSumVsSimu
Entries 444269
Data
Simu


bbcSmallEastTacMax
Entries 713944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Entries 444269
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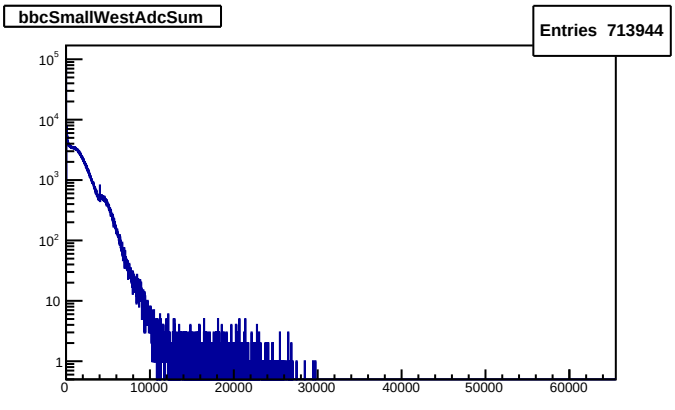
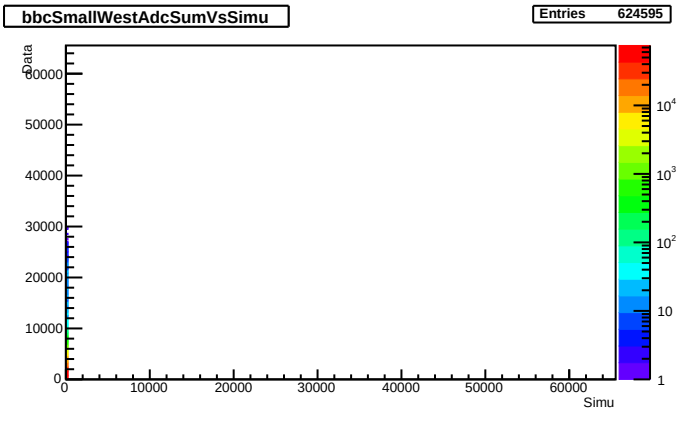

bbcSmallWestAdcSum
Entries 713944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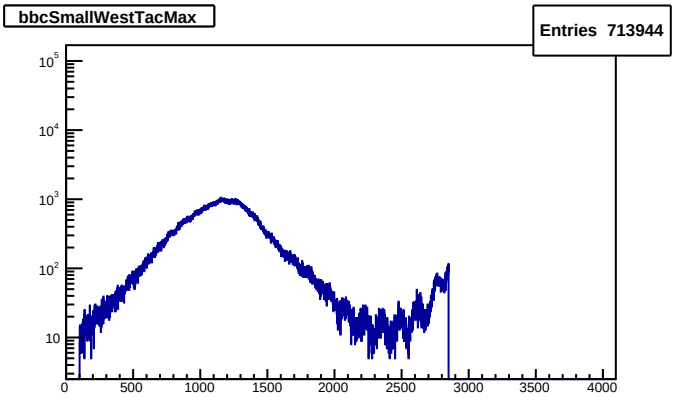
Entries 624595
Data
Simu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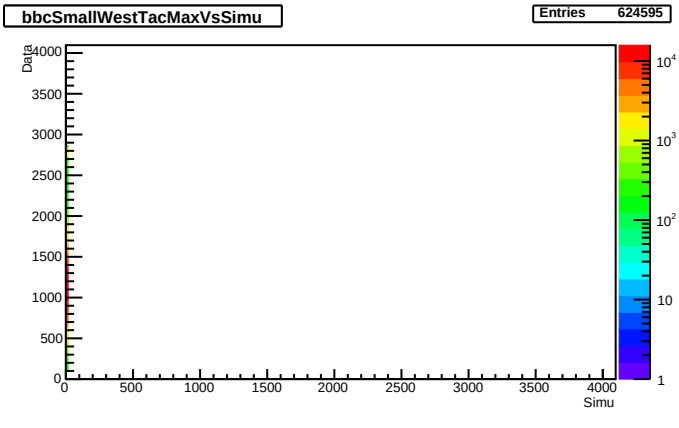
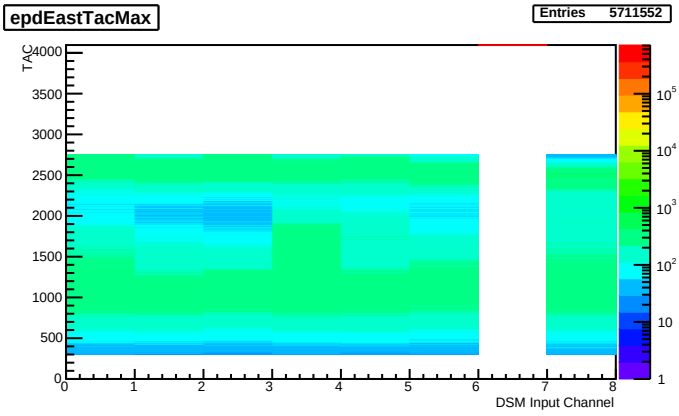
Entries 713944


bbcSmallWestTacMaxVsSimu
Entries 624595
Data
Simu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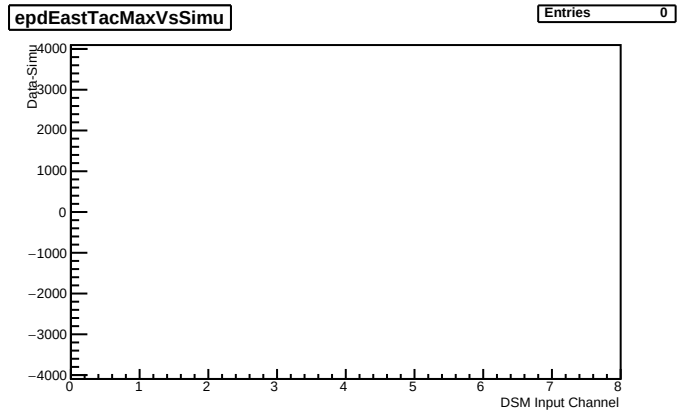
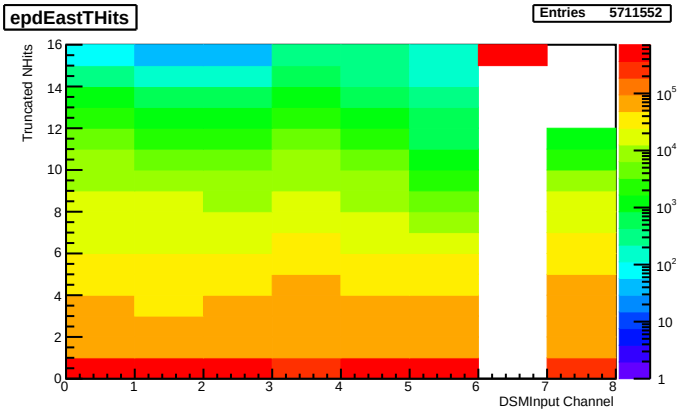
Entries 5711552
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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Entries 5711552
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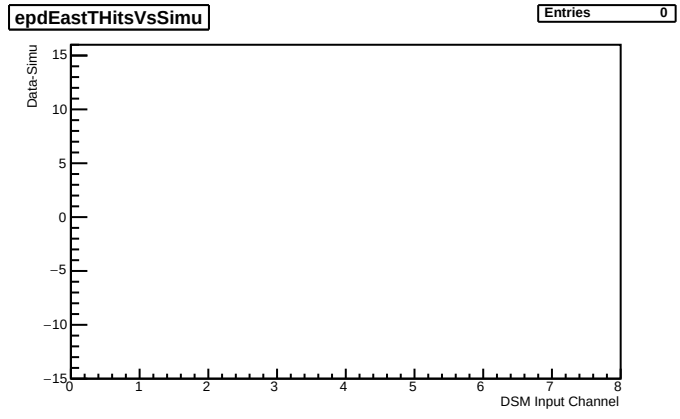
DSMInput Channel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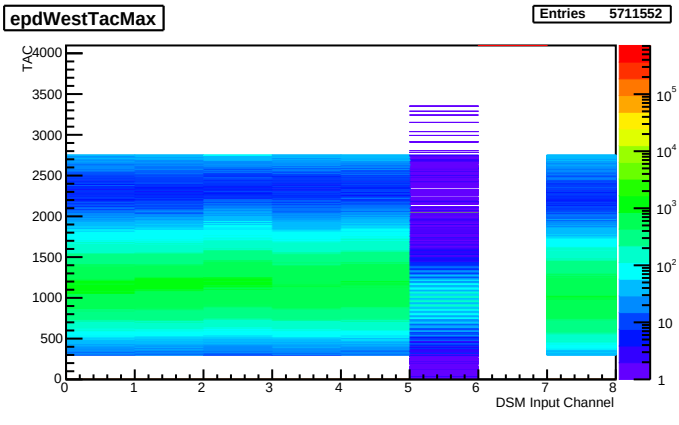
Data-Simu
DSM Input Channel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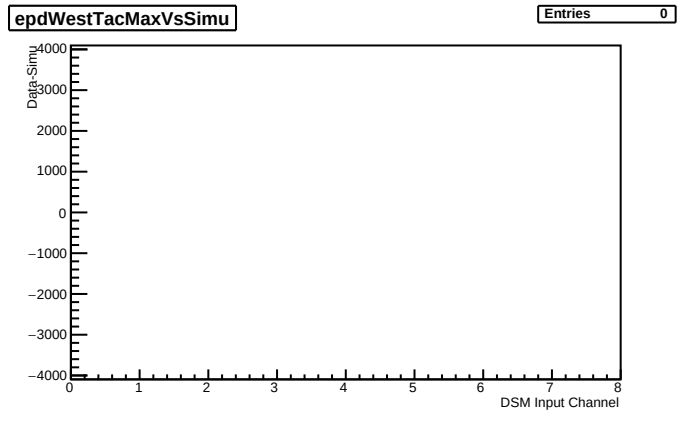
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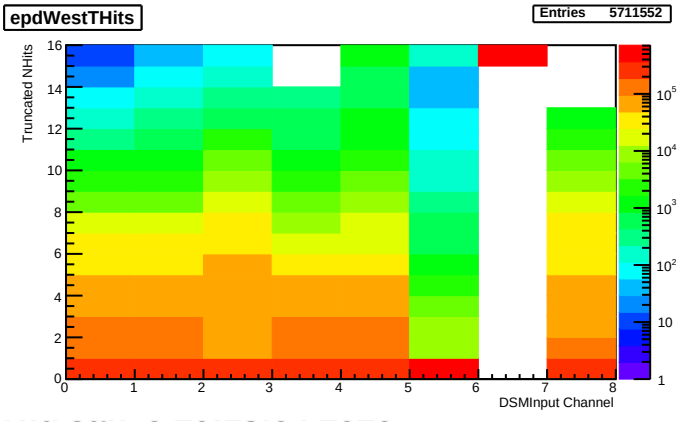
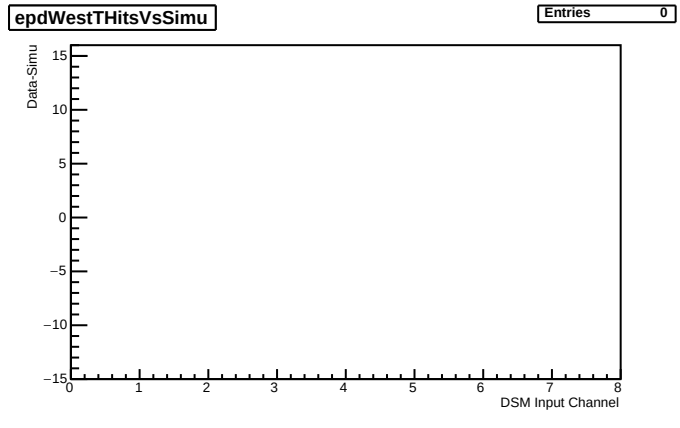
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5711552
Truncated NHits
DSMInput Channel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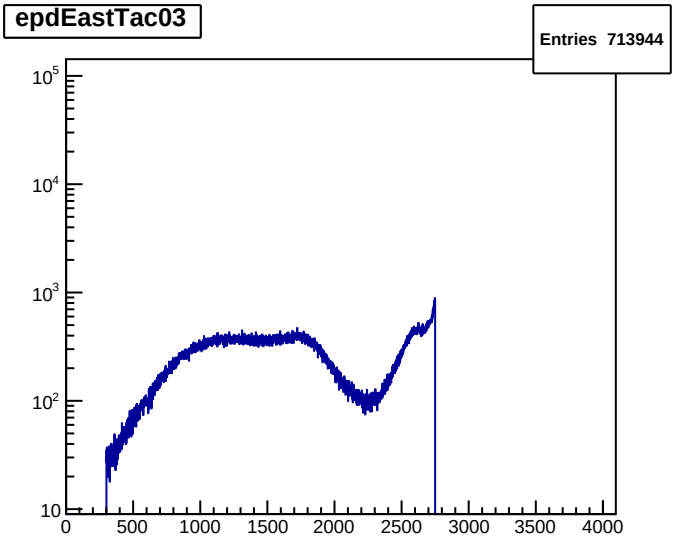
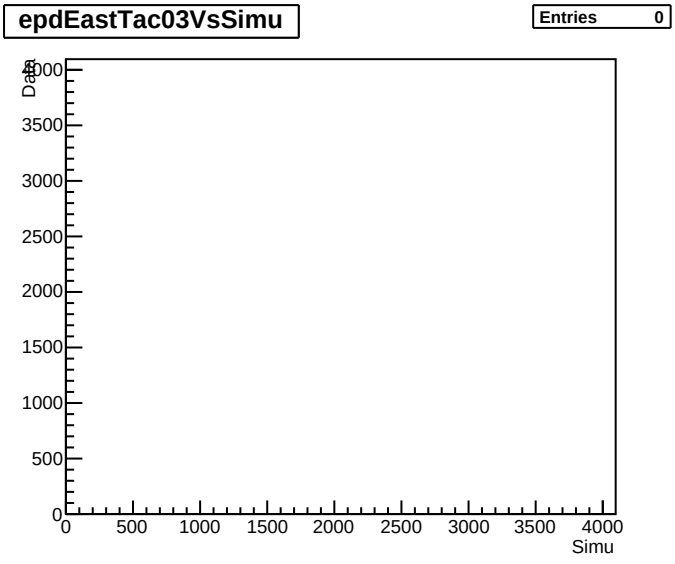
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 713944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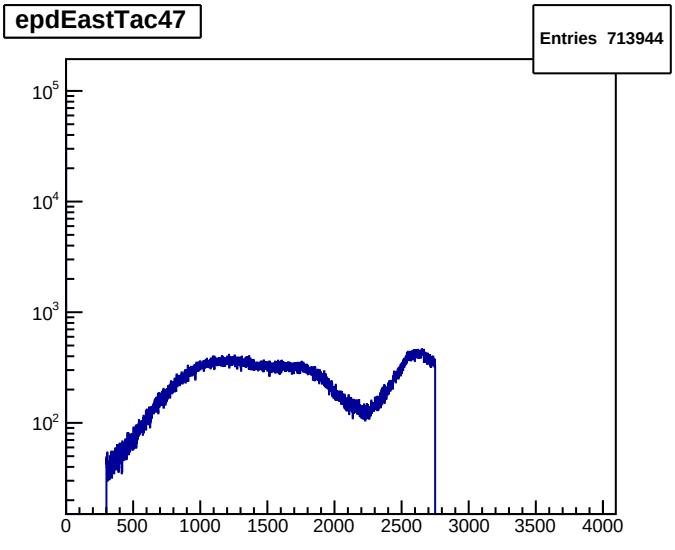
Entries 0
Data
Simu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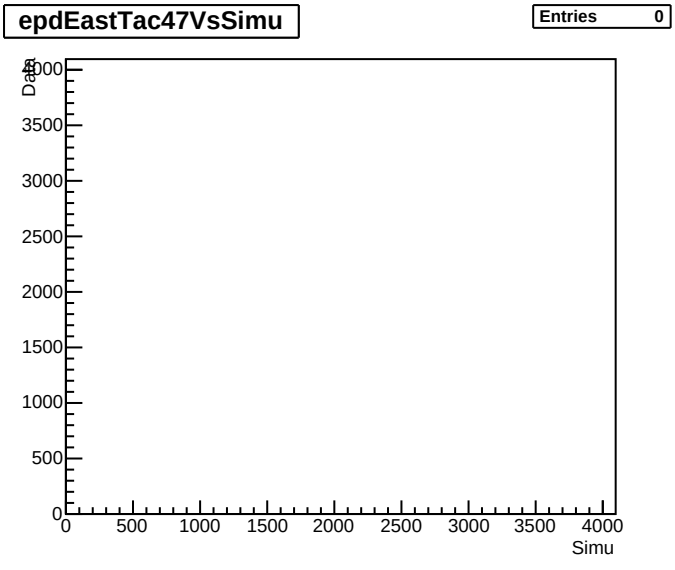
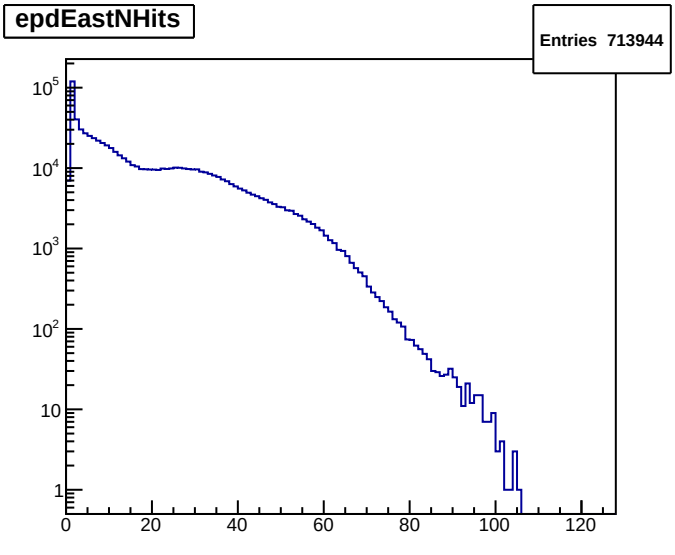
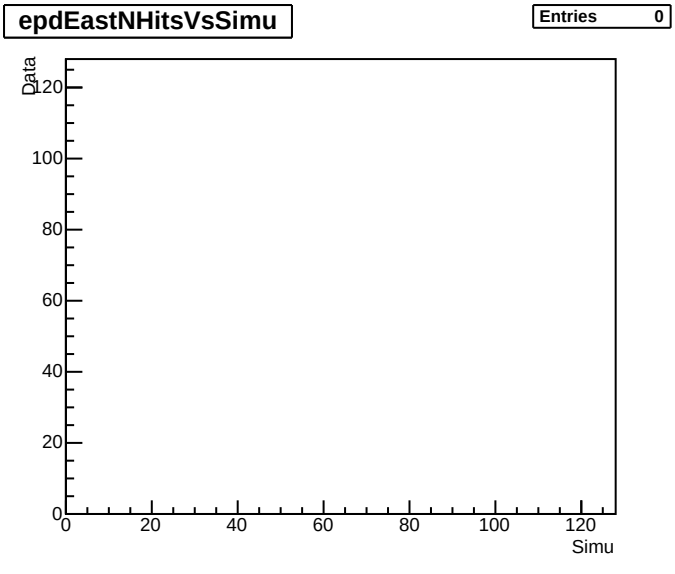
Entries 713944


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 713944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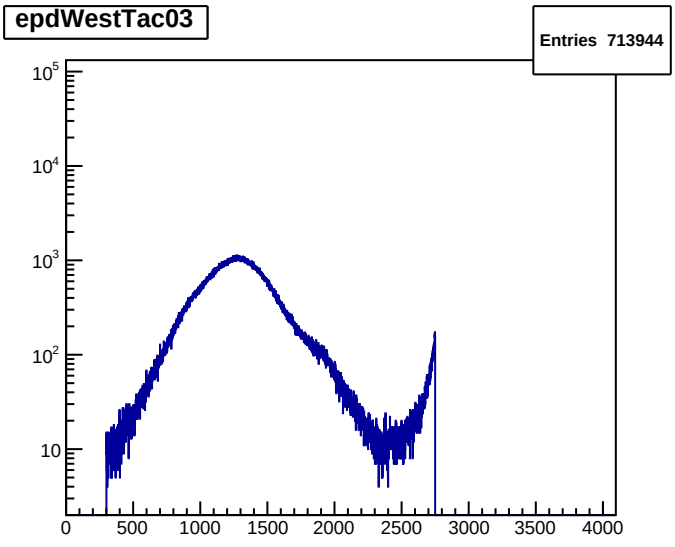
Simu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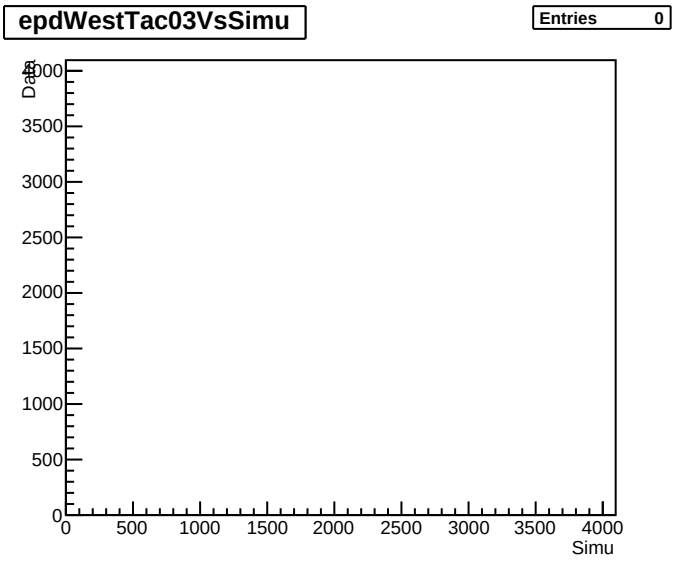
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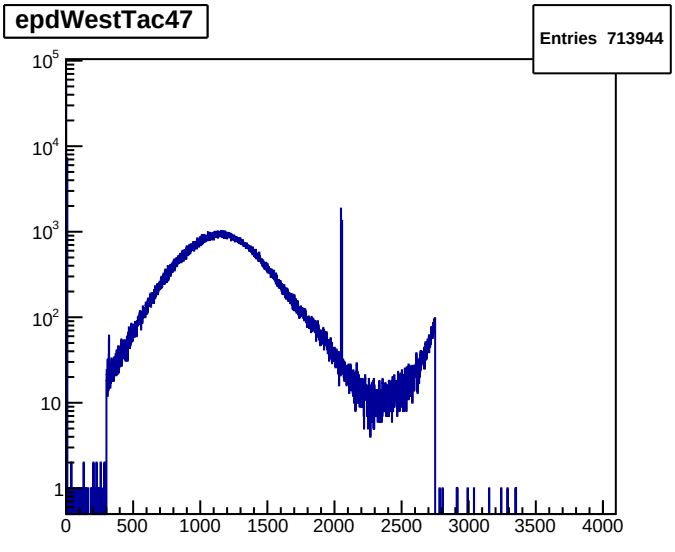
Data
Simu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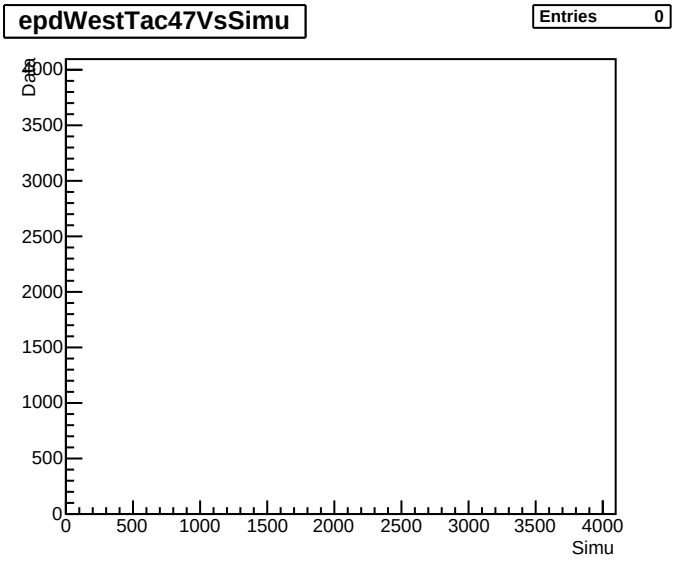
Entries 713944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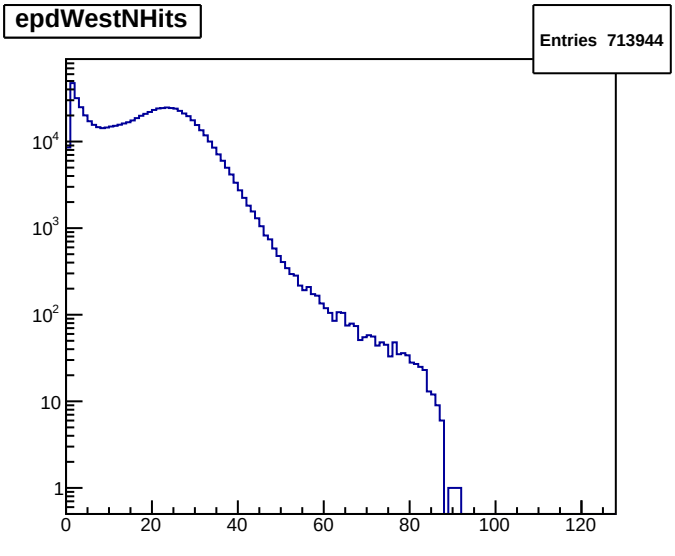
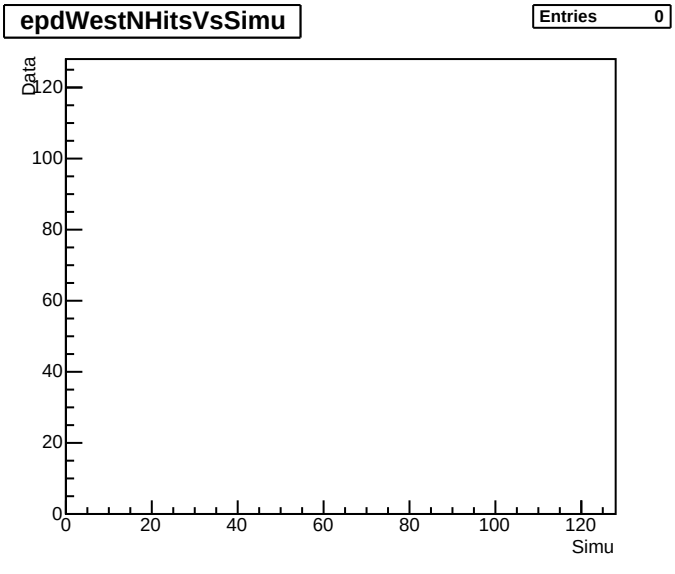
Data
Simu


epdWestNHits
Entries 713944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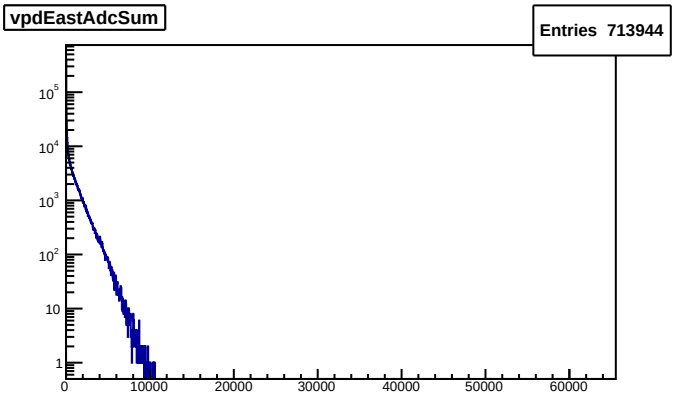
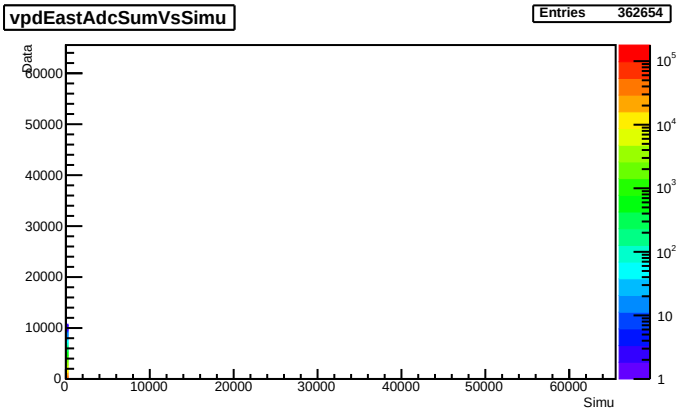
Entries 0
Data
Simu


vpdEastAdcSum
Entries 713944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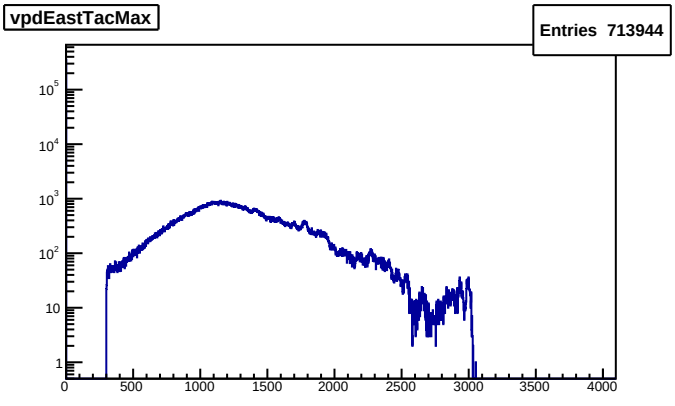
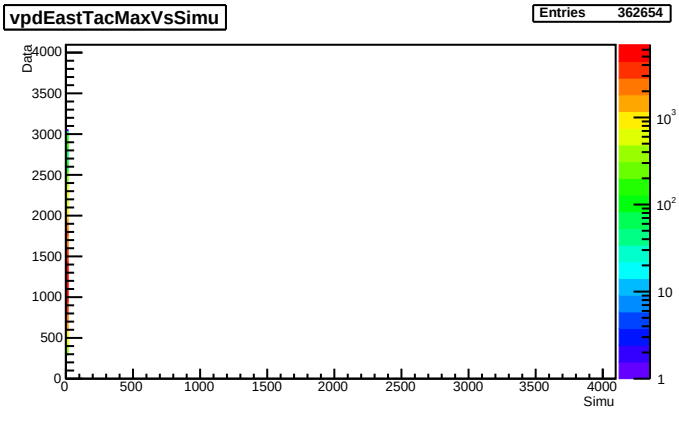
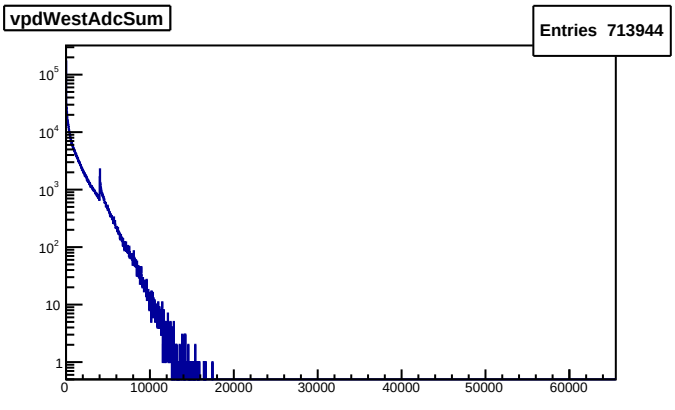
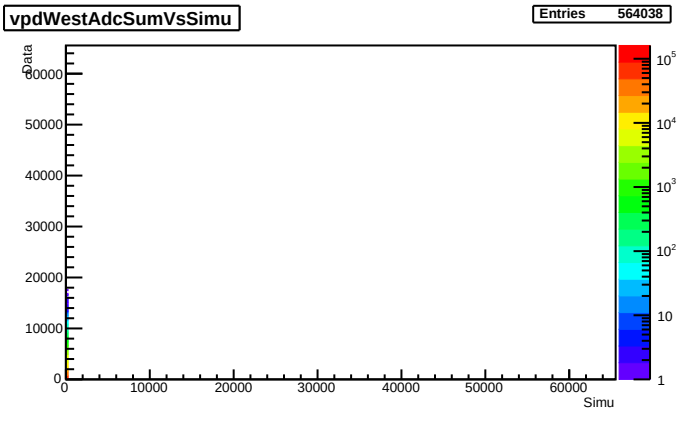
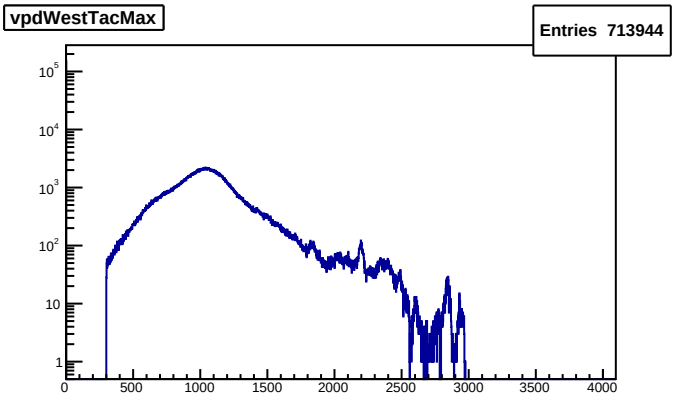
Entries 362654
Data
Simu

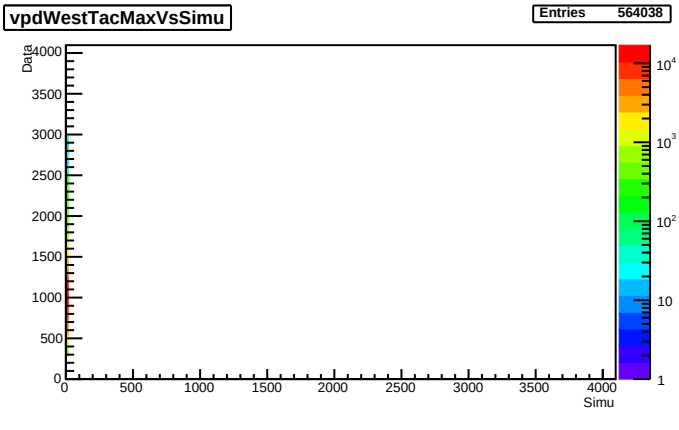

vpdEastTacMax
Entries 713944

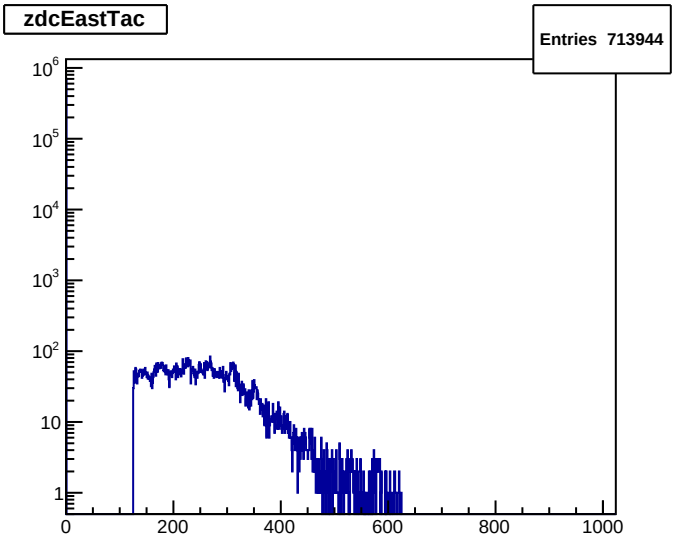

vpdEastTacMaxVsSimu
Entries 362654
Data
Simu

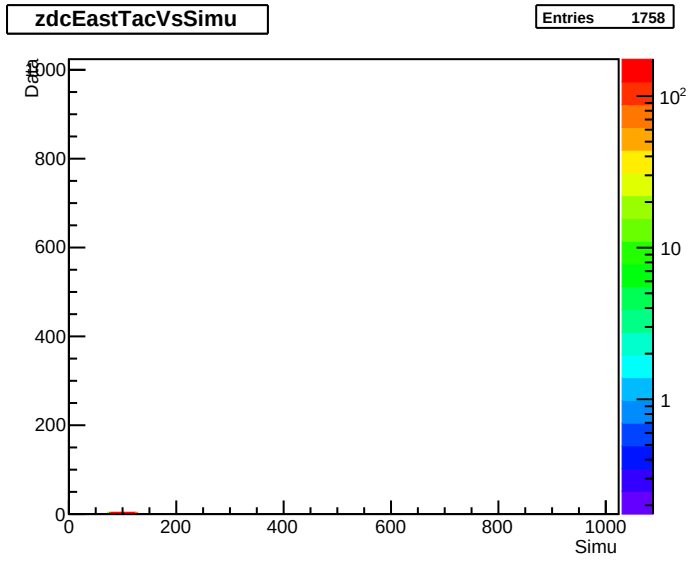

vpdWestAdcSum
Entries 713944

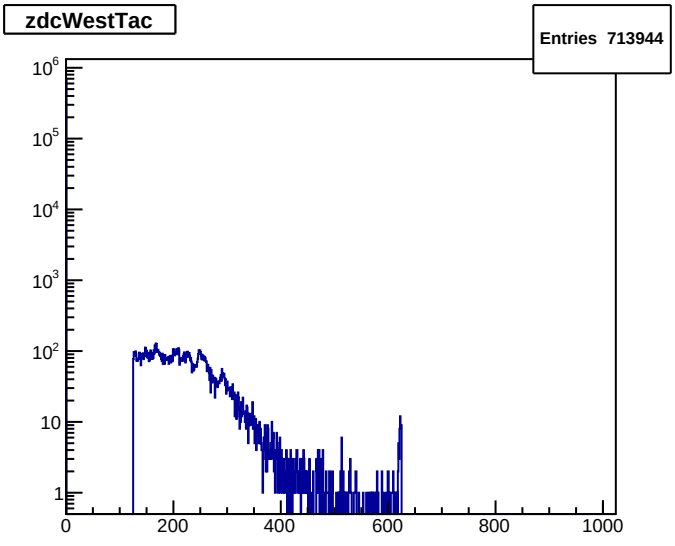

vpdWestAdcSumVsSimu
Entries 564038
Data
Simu

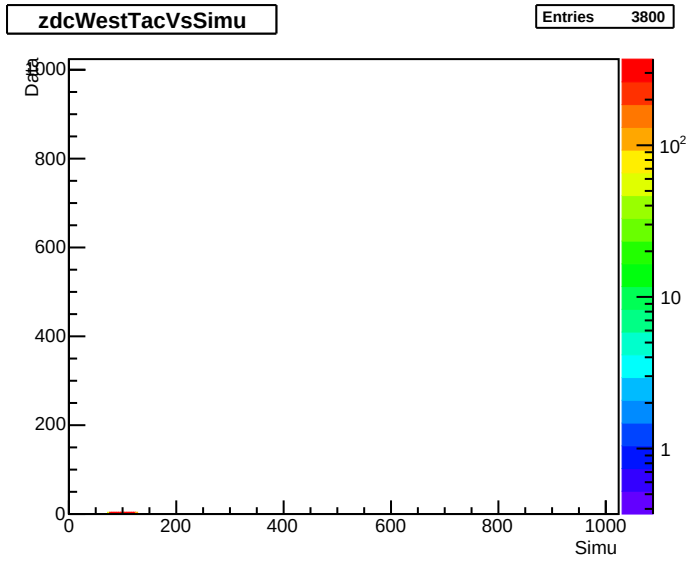

vpdWestTacMax
Entries 713944

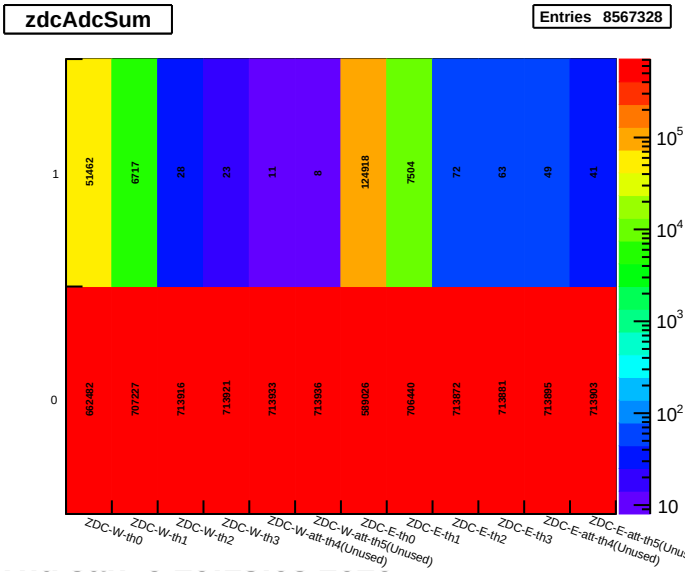

vpdWestTacMaxVsSimu
Entries 564038
Data
Simu

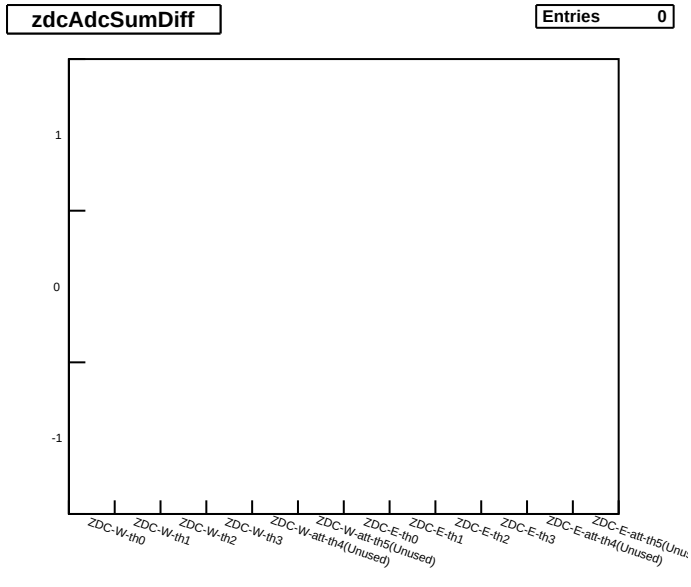

zdcEastTac
Entries 713944

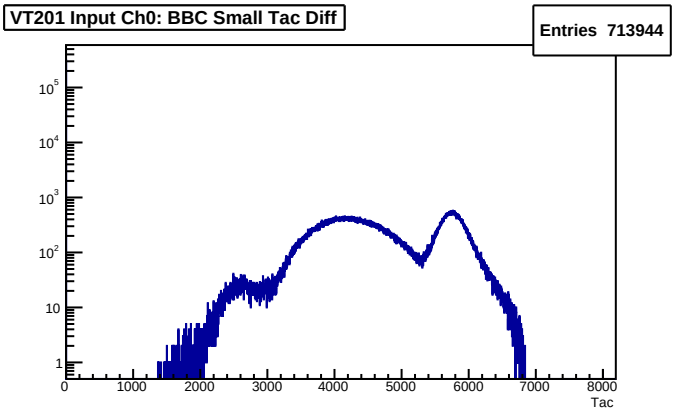

zdcEastTacVsSimu
Entries 1758
Data
Simu

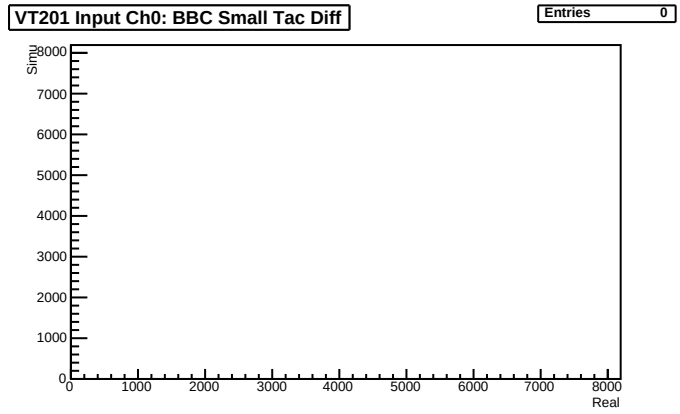

zdcWestTac
Entries 713944

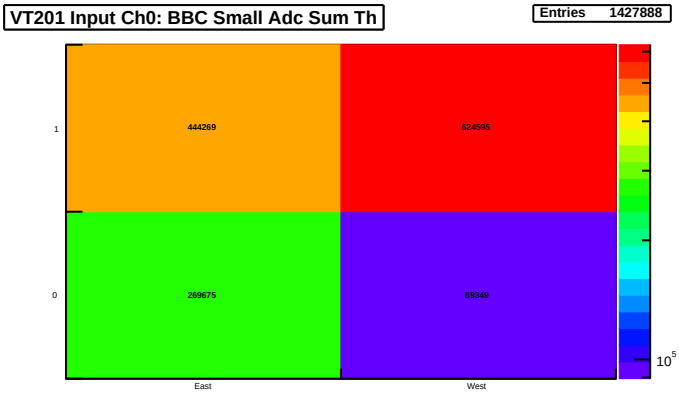

zdcWestTacVsSimu
Entries 3800
Data
Simu

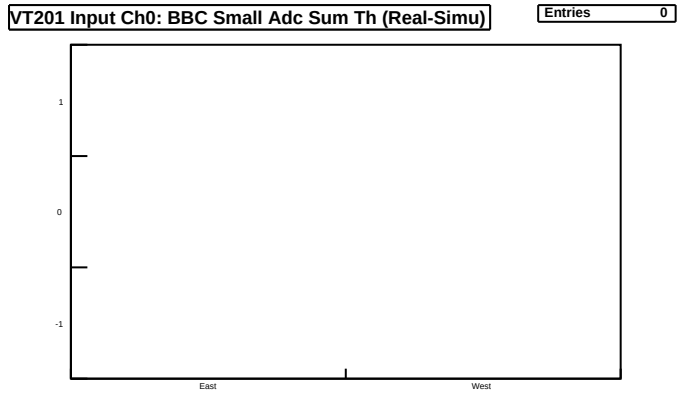

zdcAdcSum
Entries 8567328
51462
6717
28
23
11
8
124918
7504
72
63
49
41
662482
707227
713916
713921
713933
713936
589026
706440
713872
713881
713895
713903
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

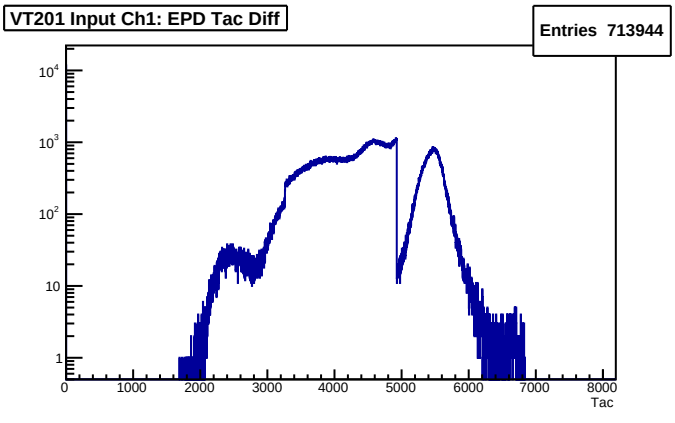

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

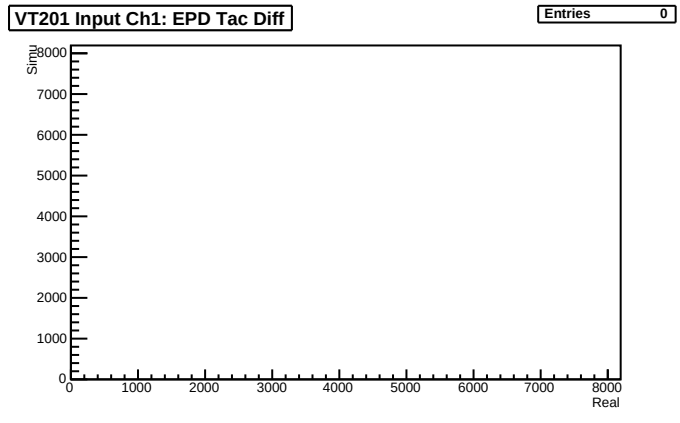

VT201 Input Ch0: BBC Small Tac Diff
Entries 713944
Tac

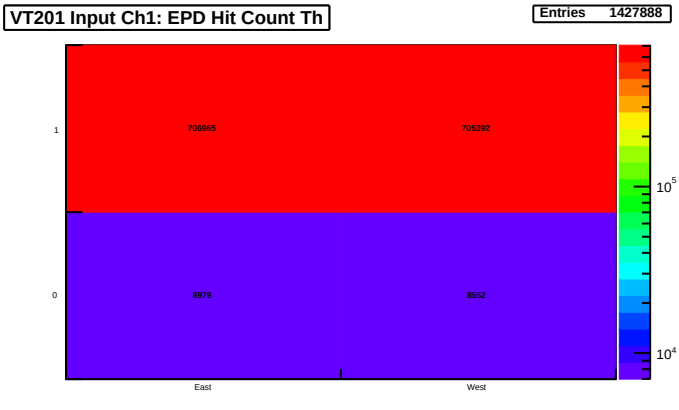

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

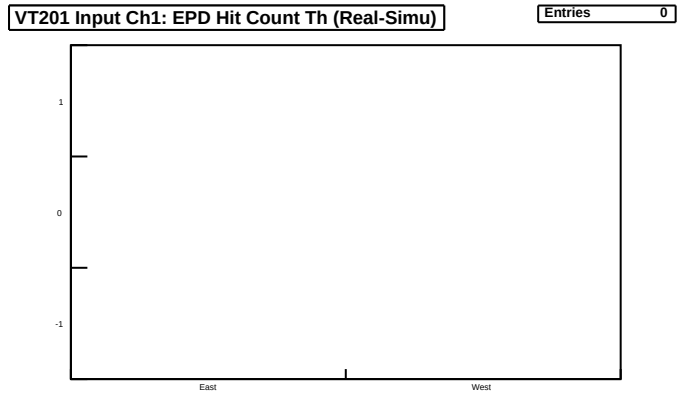

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1427888
444269
624595
269675
89349
East
West

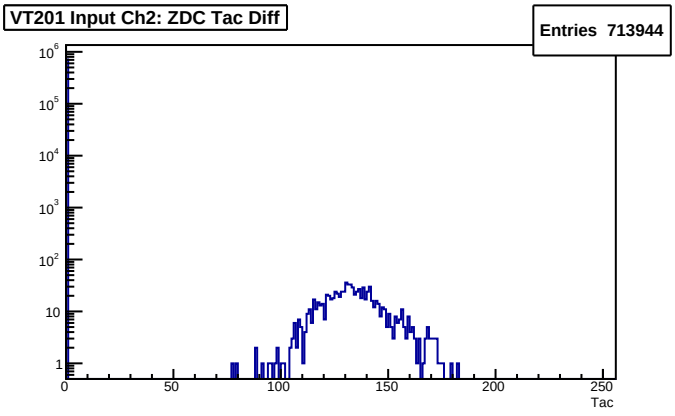

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

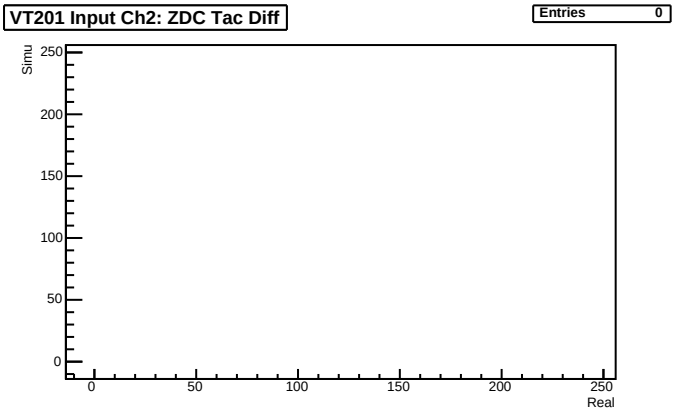

VT201 Input Ch1: EPD Tac Diff
Entries 713944
Tac

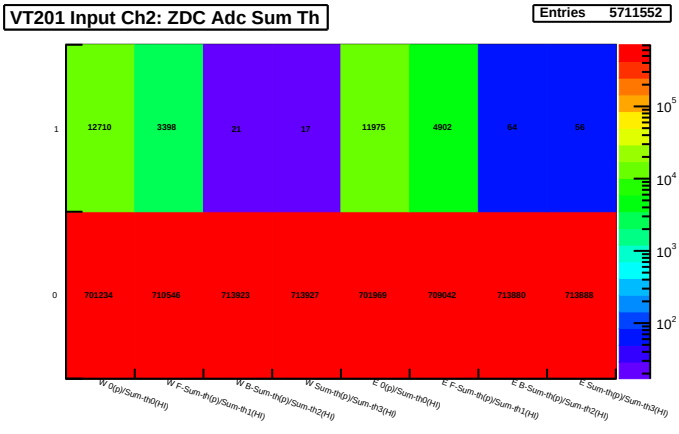

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

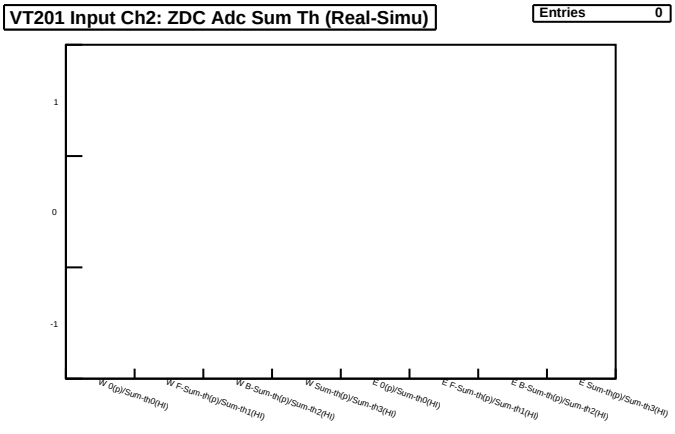

VT201 Input Ch1: EPD Hit Count Th
Entries 1427888
706965
705392
6979
8552
East
West

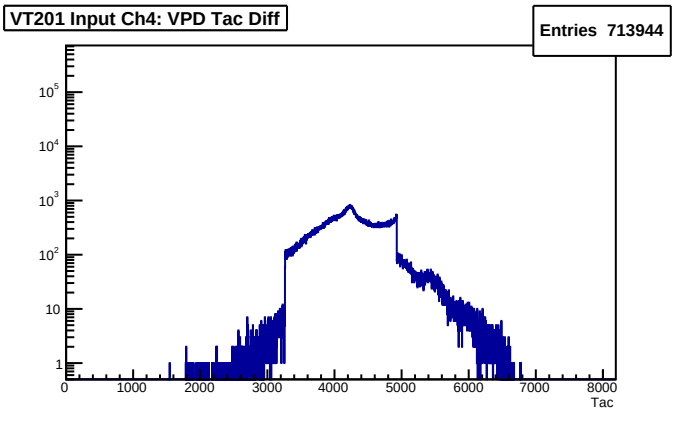

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

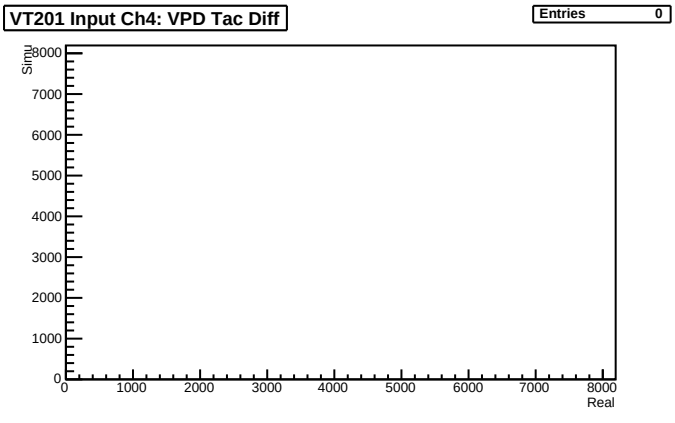

VT201 Input Ch2: ZDC Tac Diff
Entries 713944
Tac

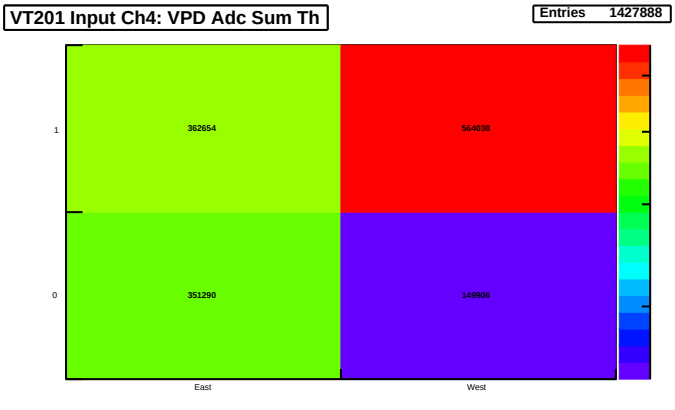

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

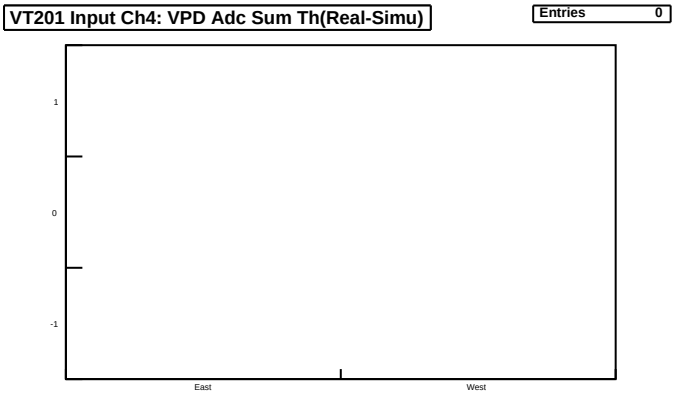

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5711552
12710
3398
21
17
11975
4902
64
56
701234
710546
713923
713927
701969
709042
713880
713888
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

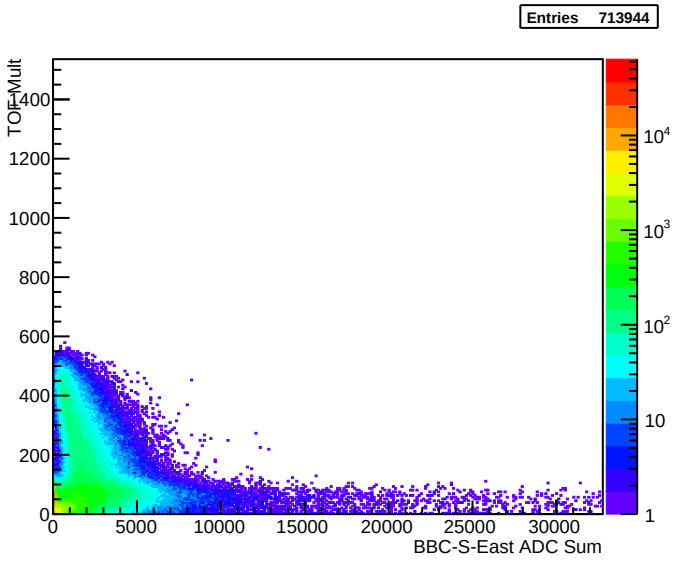

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

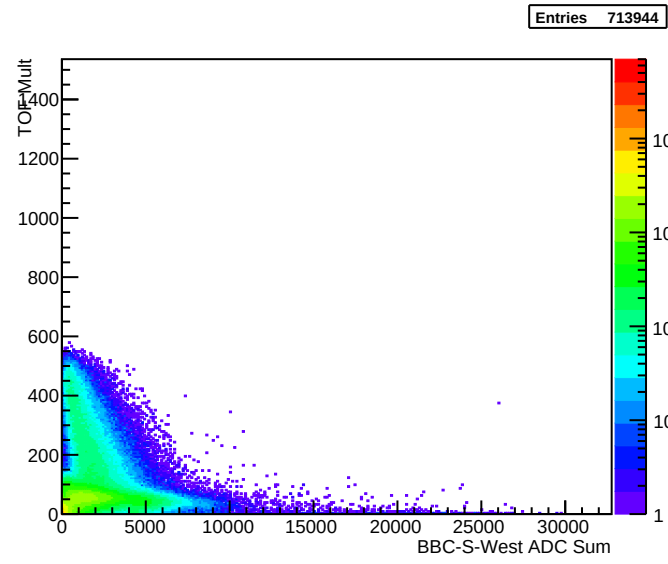

VT201 Input Ch4: VPD Tac Diff
Entries 713944
Tac

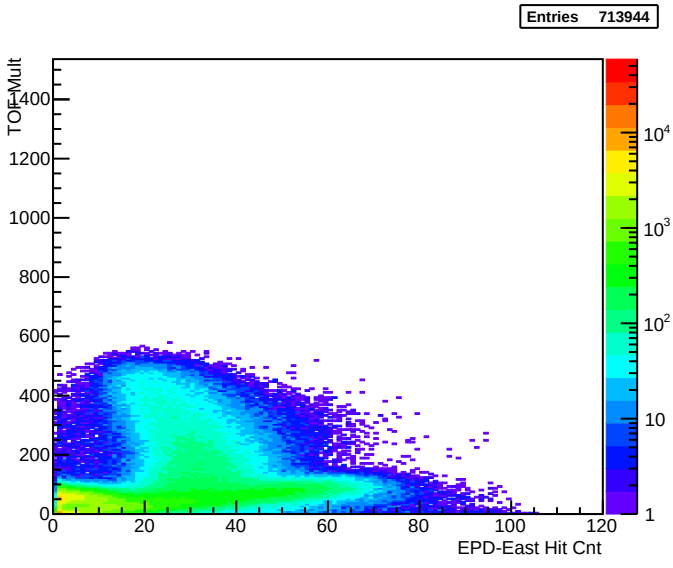

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

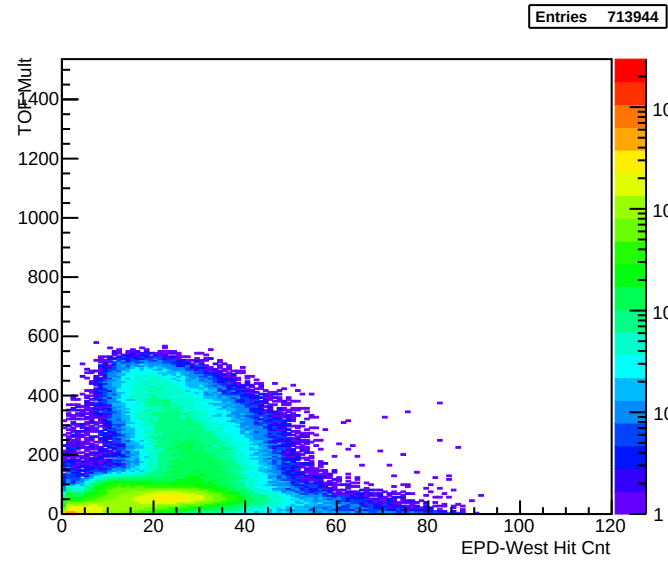

VT201 Input Ch4: VPD Adc Sum Th
Entries 1427888
362654
564038
351290
149906
East
West

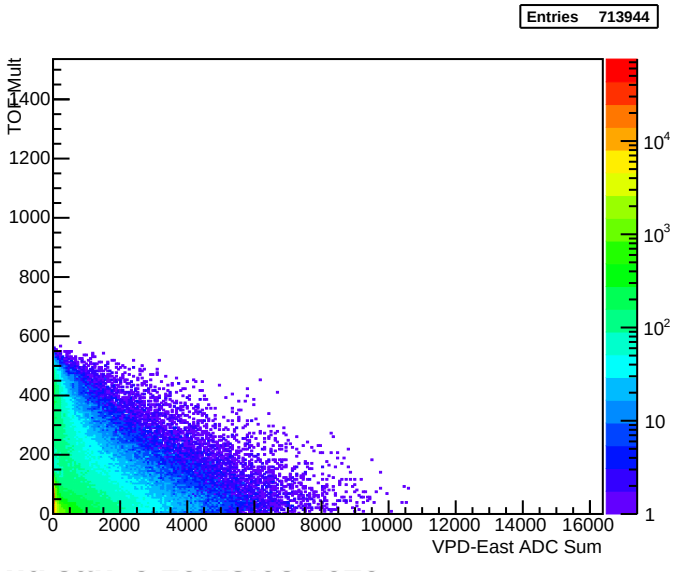

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

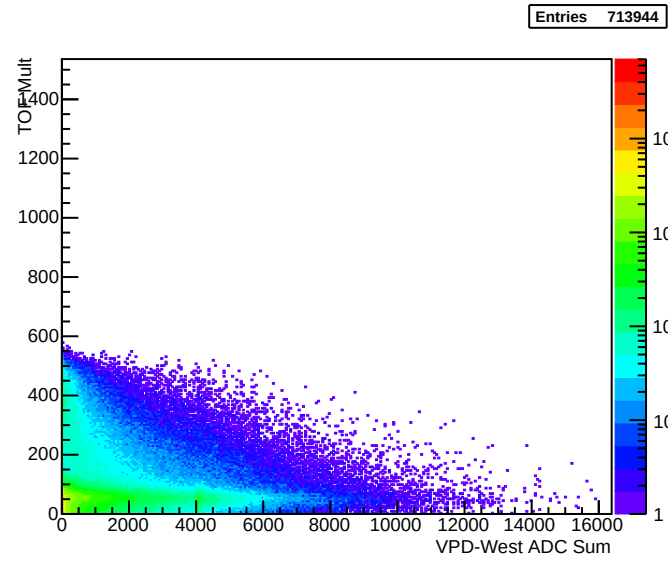

Entries 713944
TOF-Mult
BBC-S-East ADC Sum

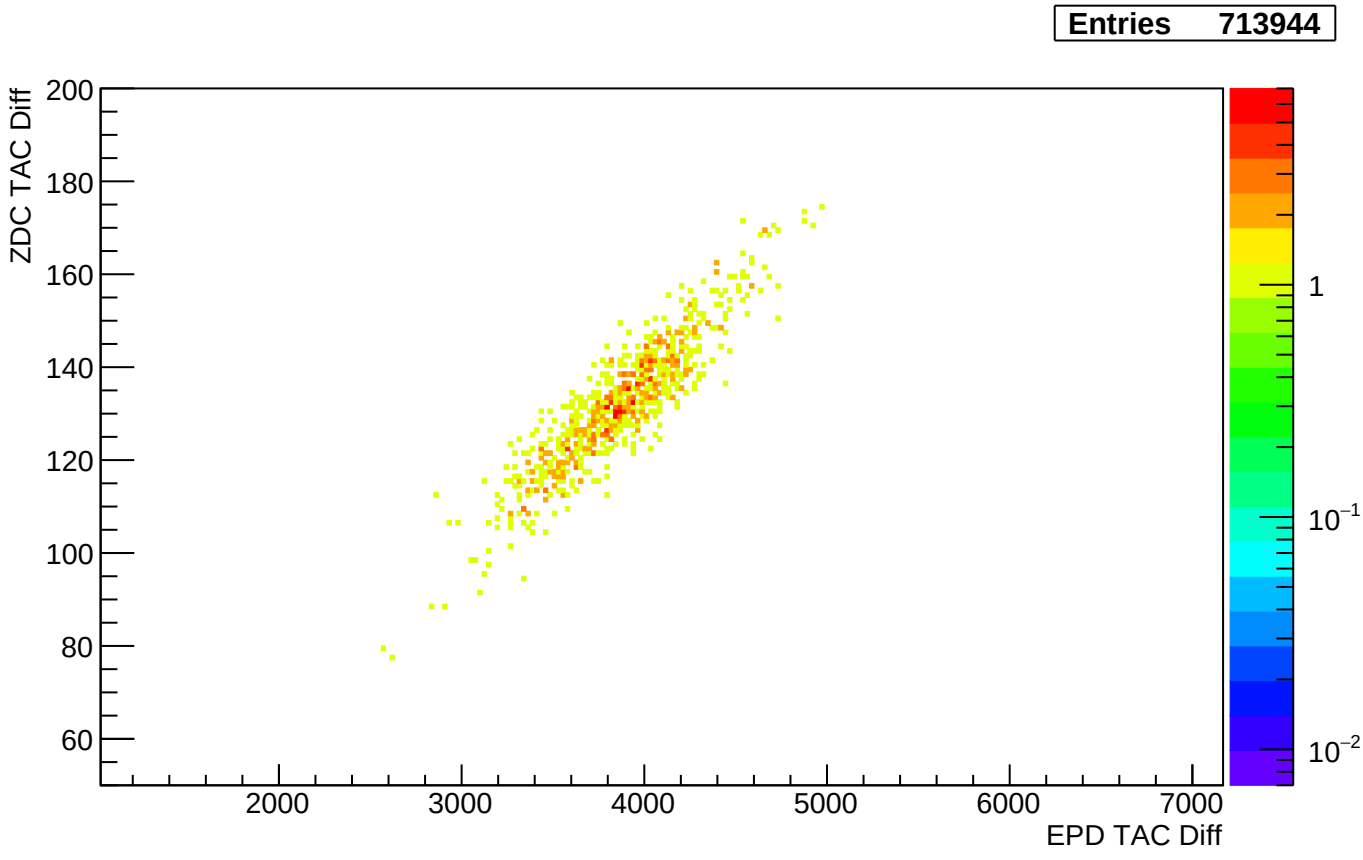

Entries 713944
TOF-Mult
BBC-S-West ADC Sum

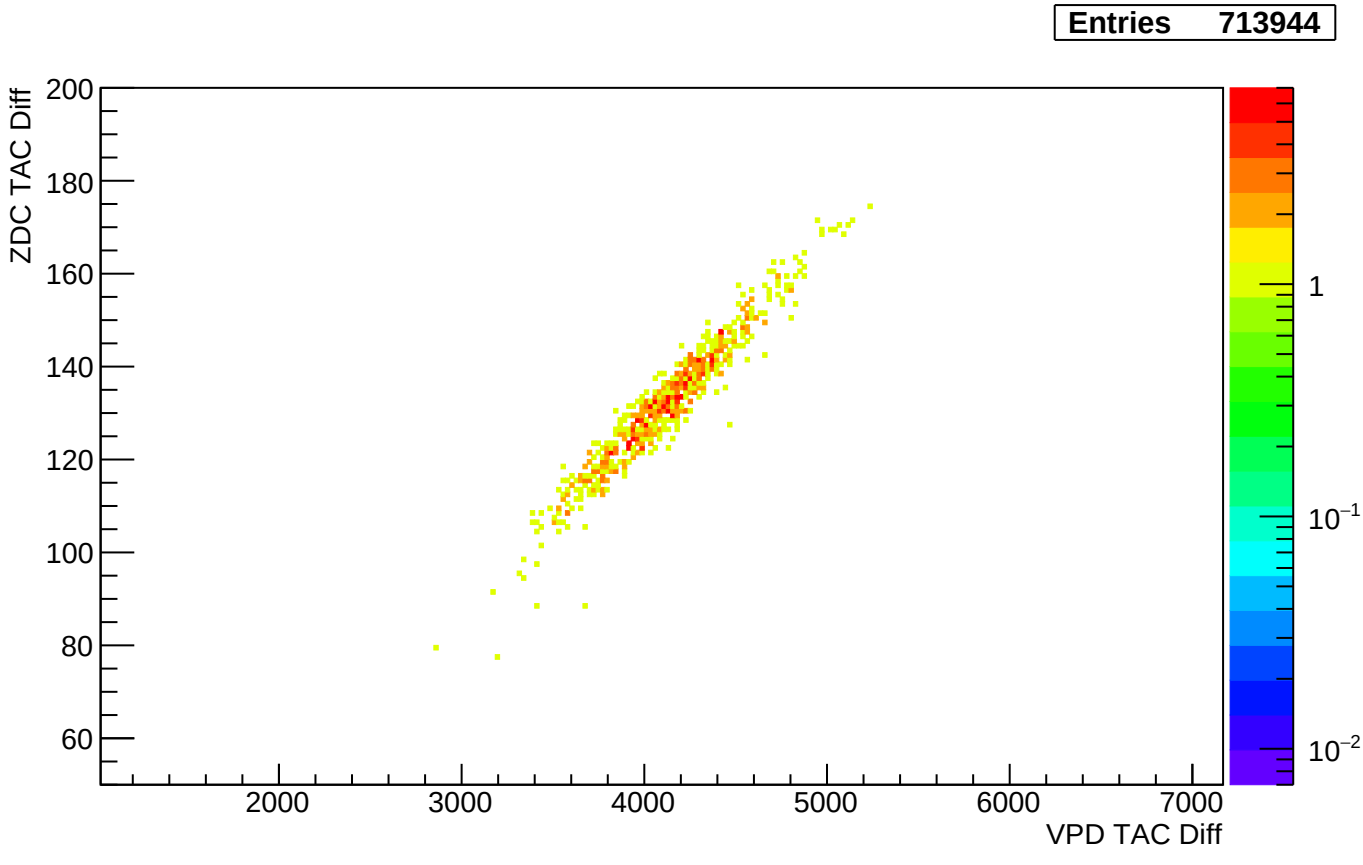

Entries 713944
TOF-Mult
EPD-East Hit Cnt

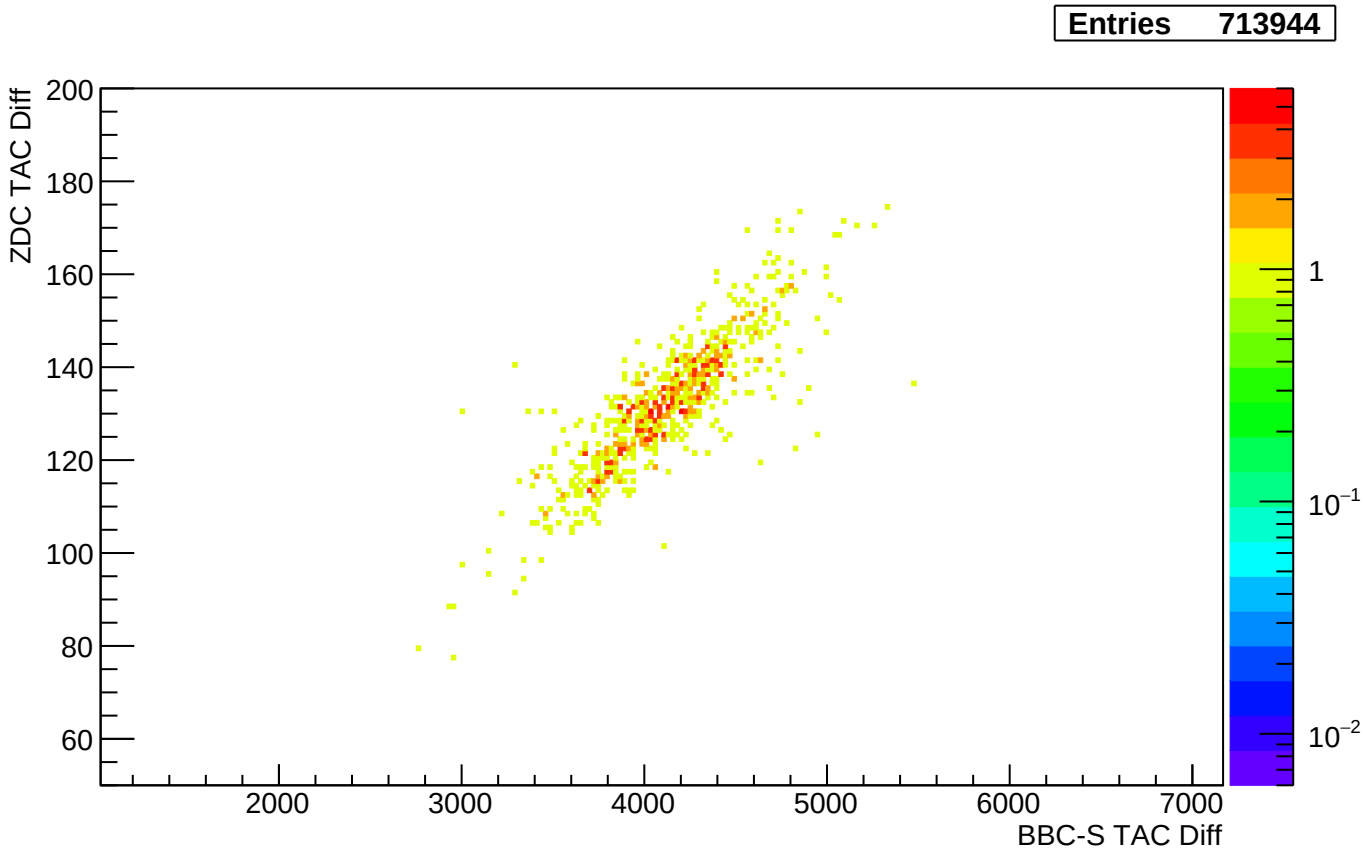

Entries 713944
TOF-Mult
EPD-West Hit Cnt

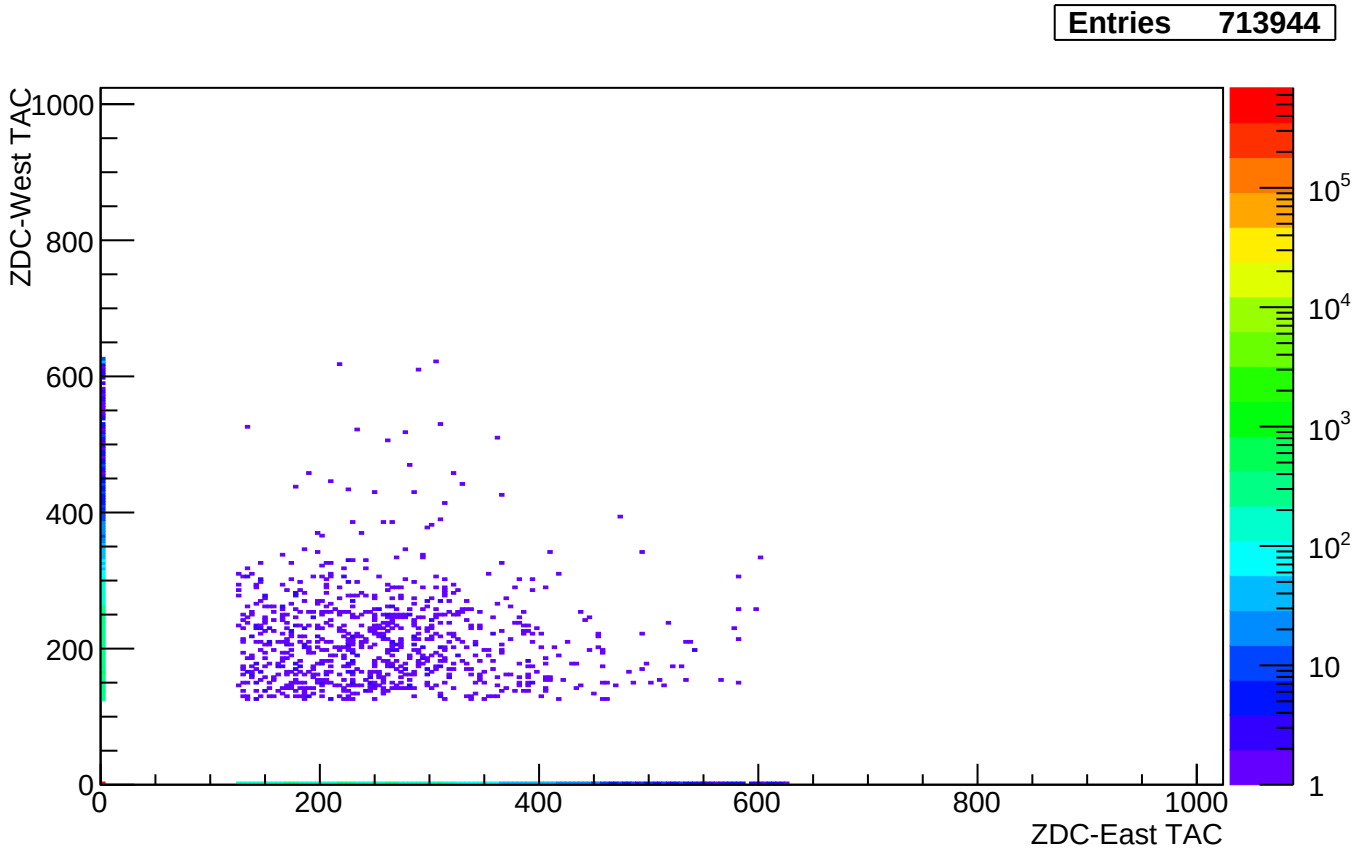

Entries 713944
TOF-Mult
VPD-East ADC Sum

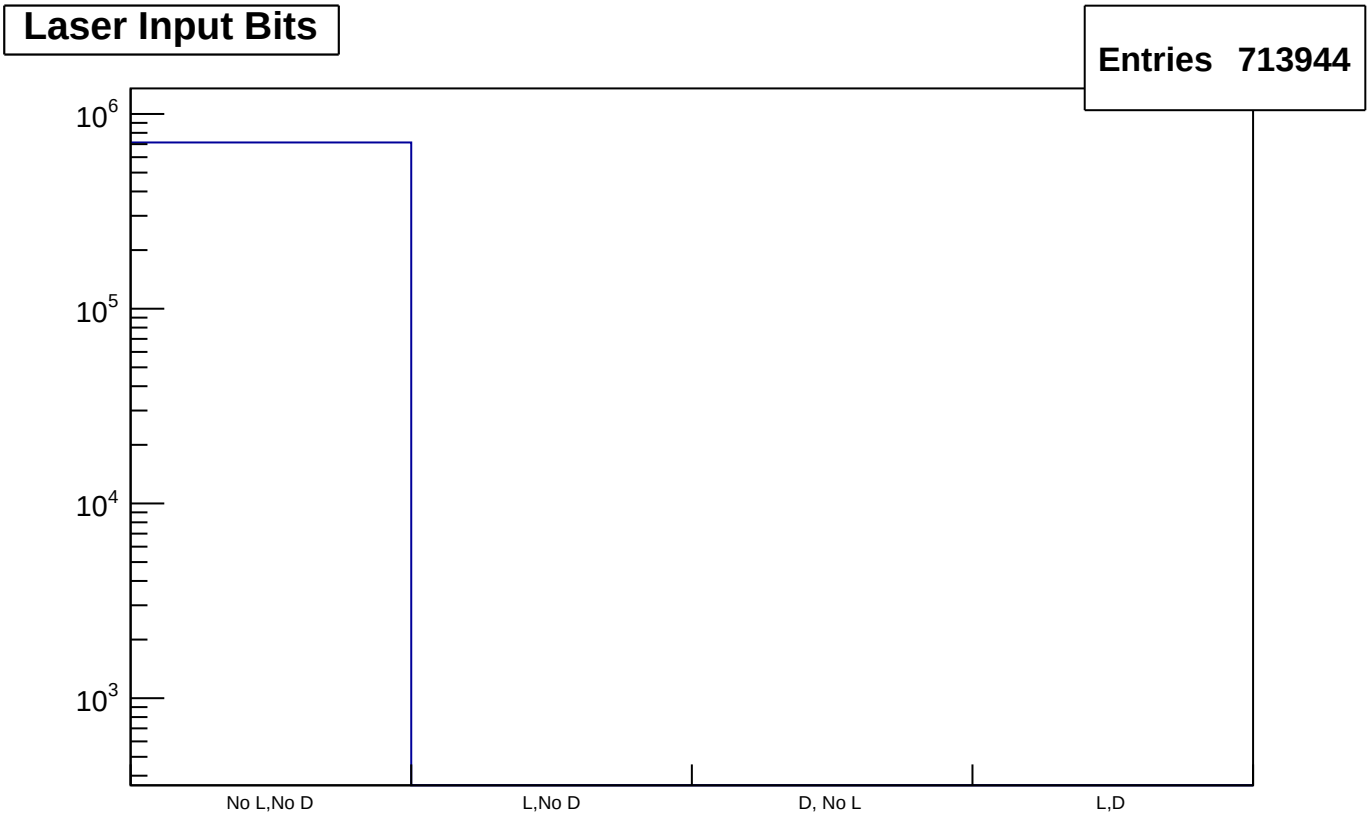

Entries 713944
TOF-Mult
VPD-West ADC Sum

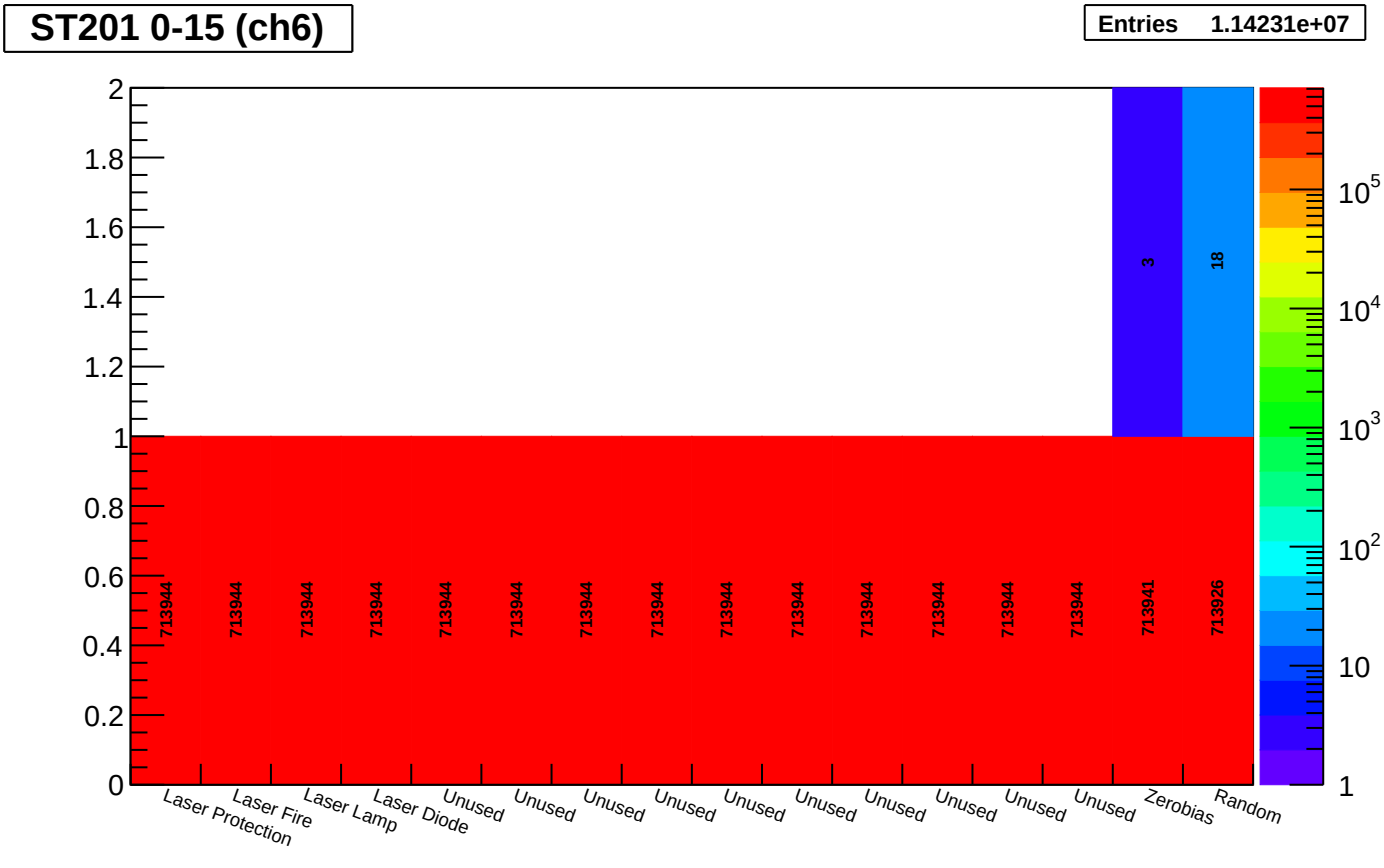

Entries 713944
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

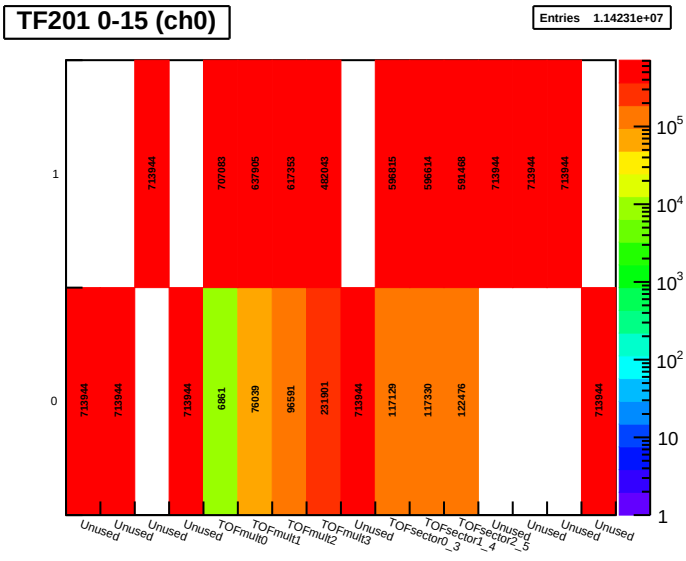

Entries 713944
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

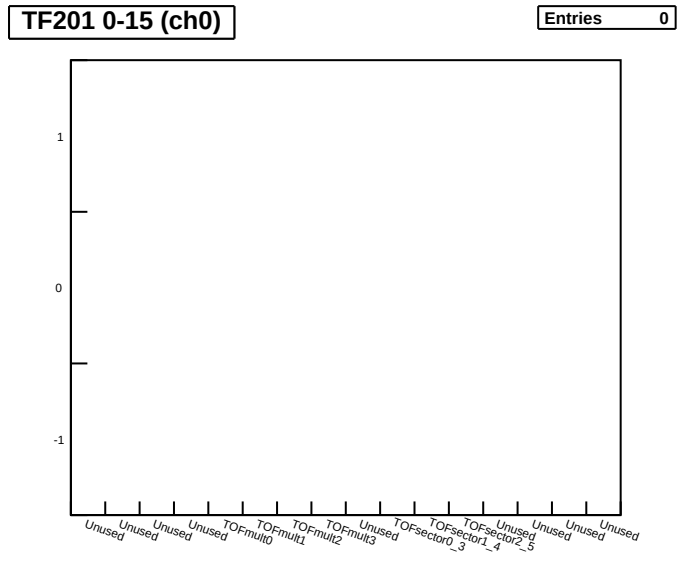

Entries 713944
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

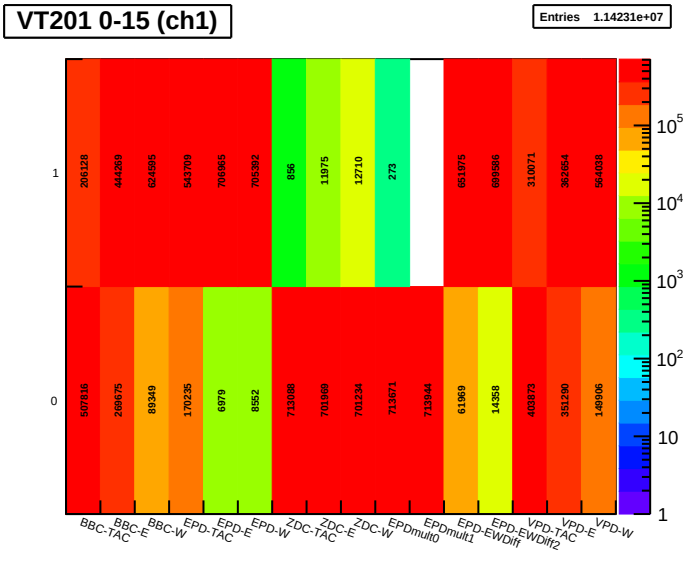

Entries 713944
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

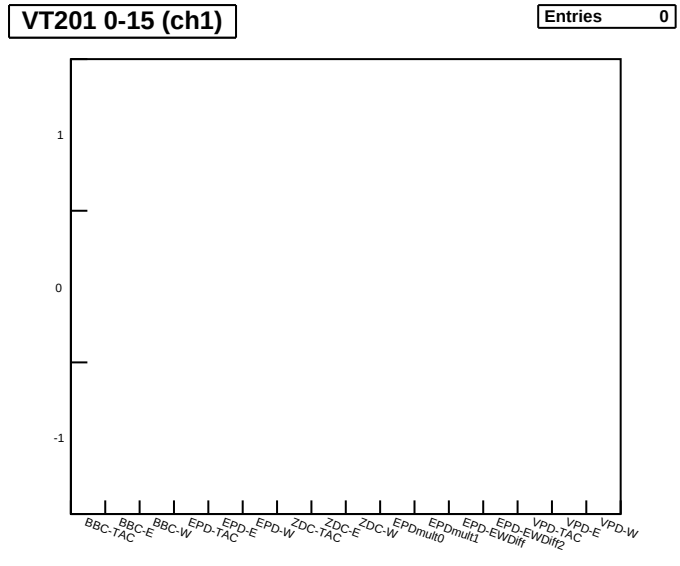

Laser Input Bits
Entries 713944
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

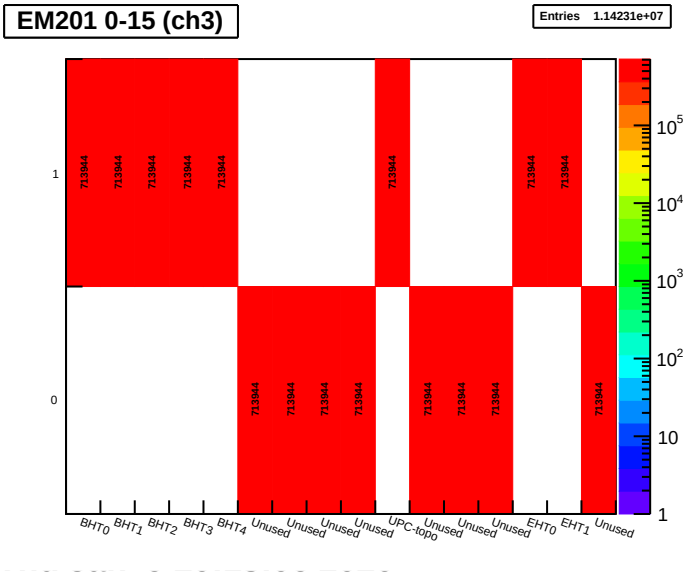

ST201 0-15 (ch6)
Entries 1.14231e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
713944
713944
713944
713944
713944
713944
713944
713944
713944
713944
713944
713944
713944
713944
713941
713926
3
18
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

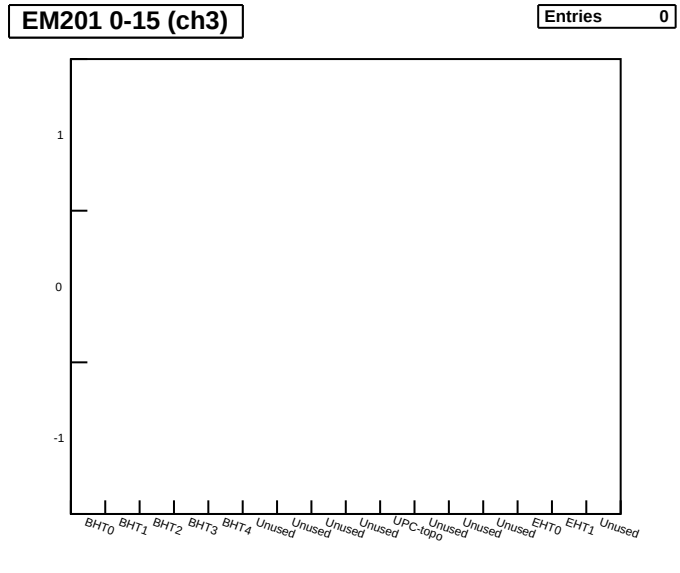

TF201 0-15 (ch0)
Entries 1.14231e+07
1
0
713944
707083
637905
617353
482043
556815
596614
591468
713944
713944
713944
713944
713944
6861
76039
96591
231901
713944
117129
117330
122476
713944
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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 1.14231e+07
1
0
206128
444269
624595
543709
706965
705392
856
11975
12710
273
651975
699586
310071
362654
564038
507816
269675
89349
170235
6979
8552
713088
701960
701234
713671
713944
61969
14358
403873
351290
149906
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 1.14231e+07
1
0
713944
713944
713944
713944
713944
713944
713944
713944
713944
713944
713944
713944
713944
713944
713944
713944
713944
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