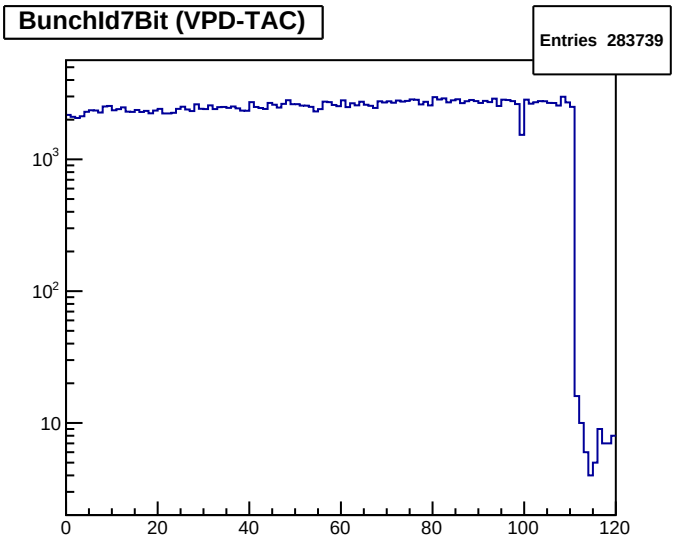
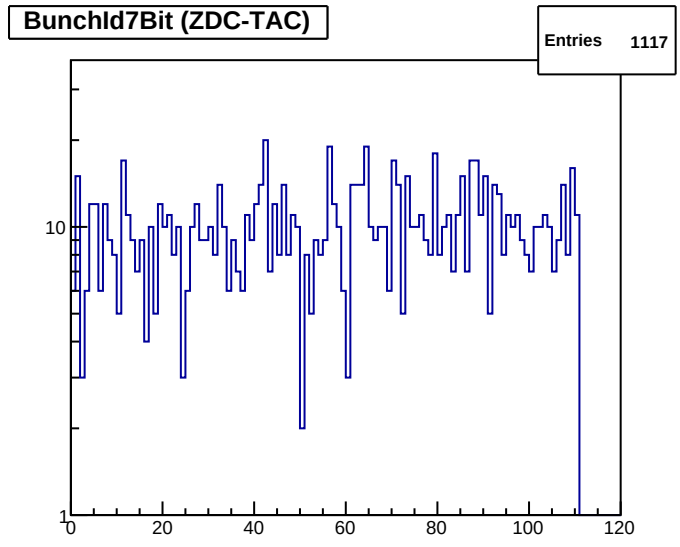
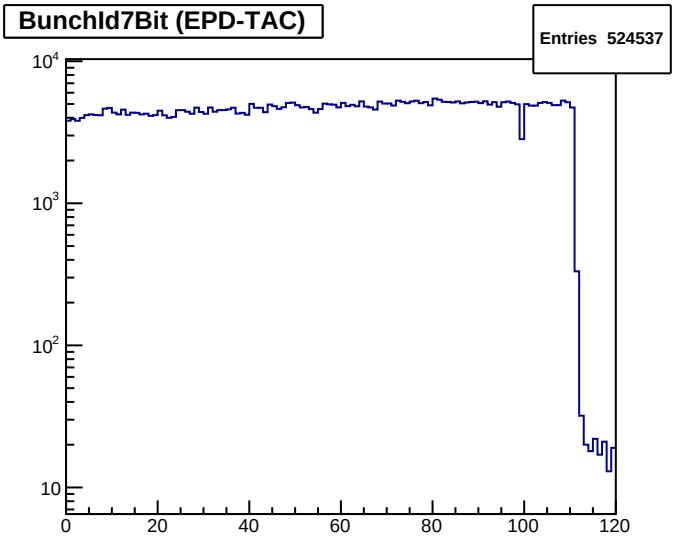
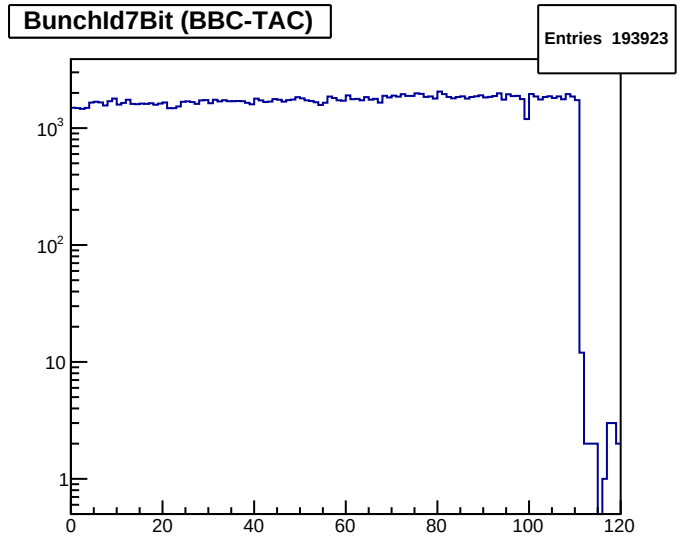
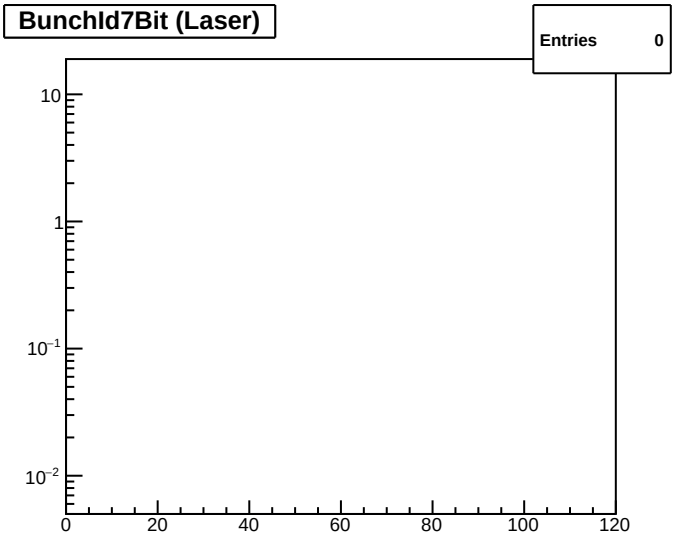
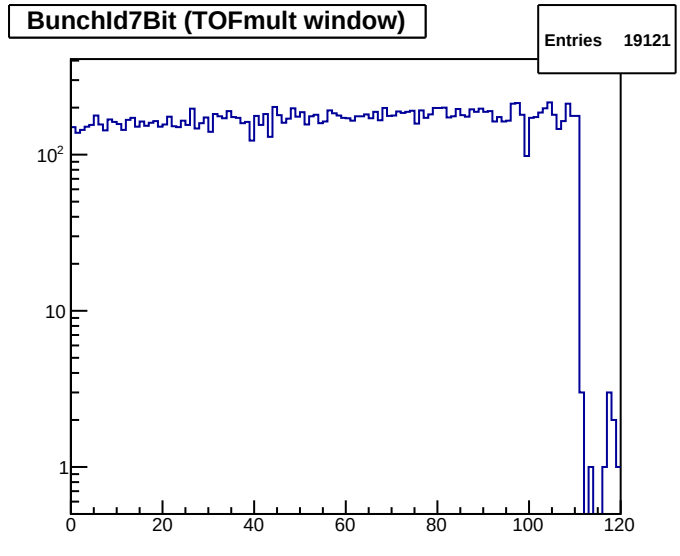

BunchId7Bit (VPD-TAC)
Entries 283739

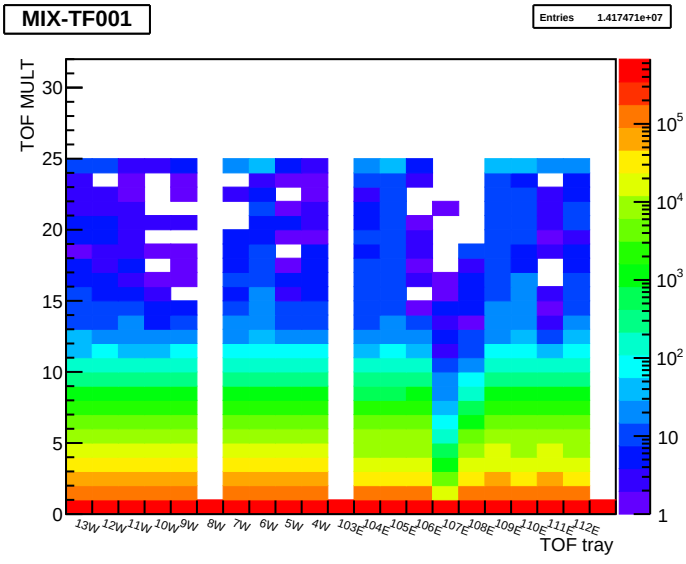

BunchId7Bit (ZDC-TAC)
Entries 1117

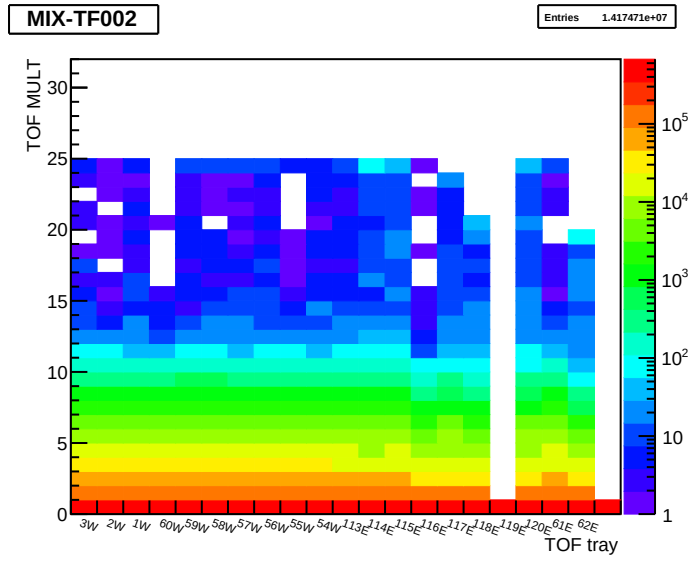

BunchId7Bit (EPD-TAC)
Entries 524537

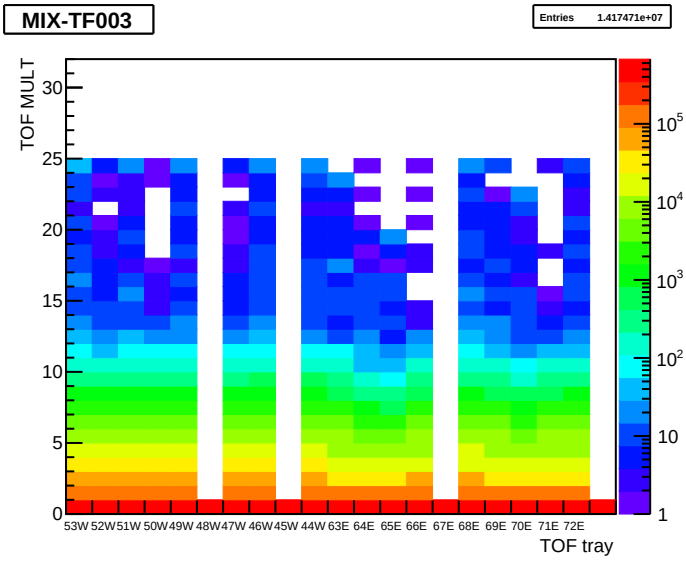

BunchId7Bit (BBC-TAC)
Entries 193923

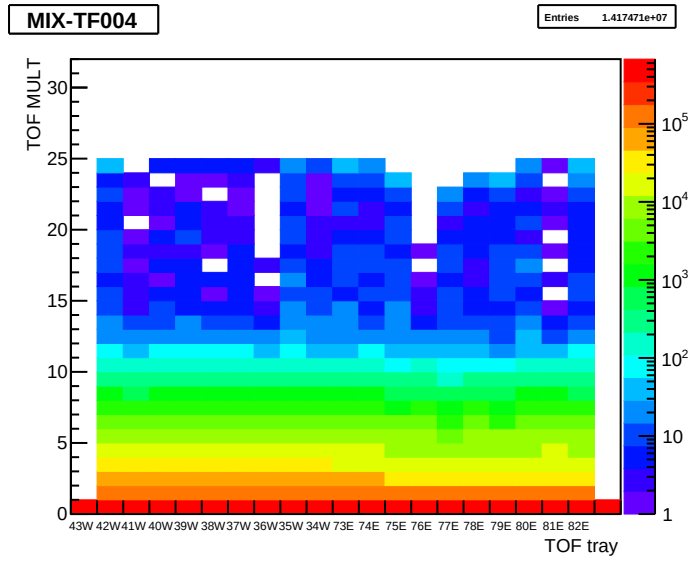

BunchId7Bit (Laser)
Entries 0

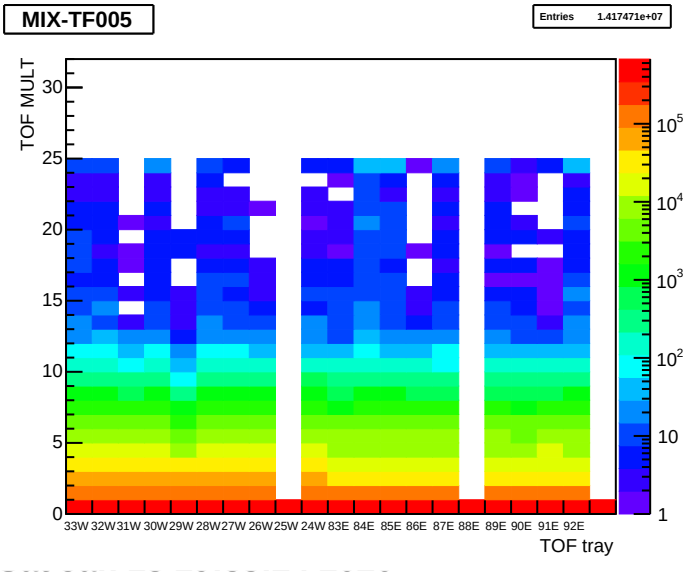

BunchId7Bit (TOFmult window)
Entries 19121

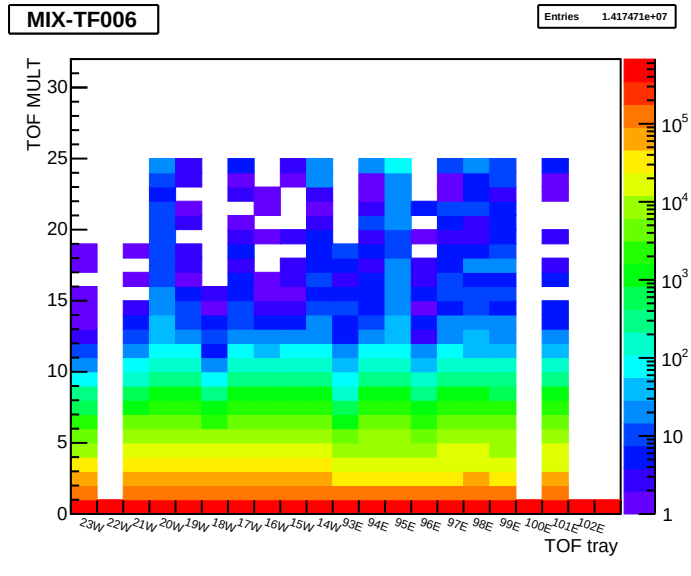

MIX-TF001
Entries 1.417471e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

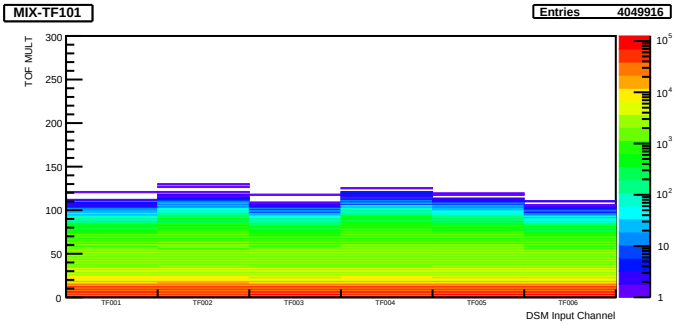

MIX-TF002
Entries 1.417471e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

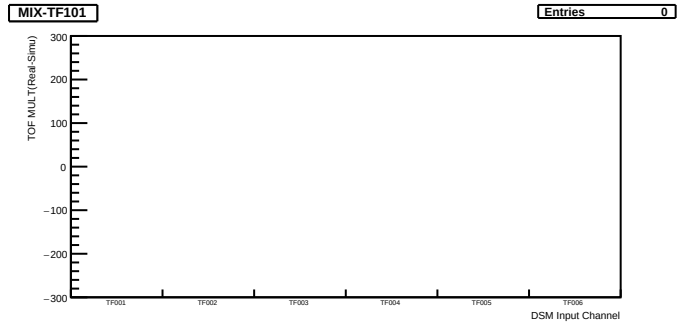

MIX-TF003
Entries 1.417471e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

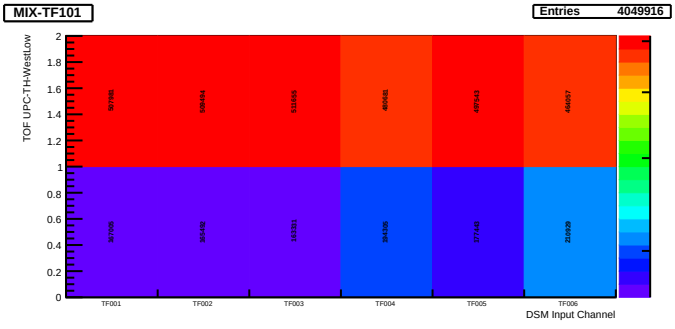

MIX-TF004
Entries 1.417471e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

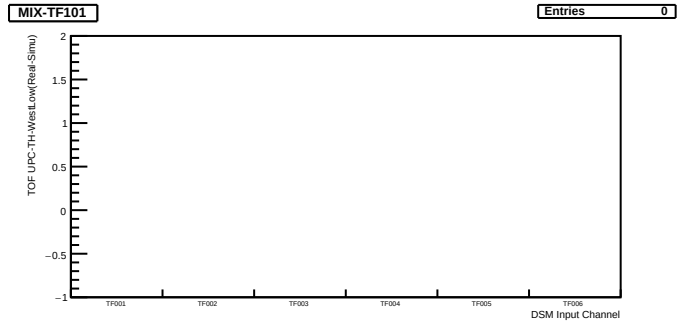

MIX-TF005
Entries 1.417471e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

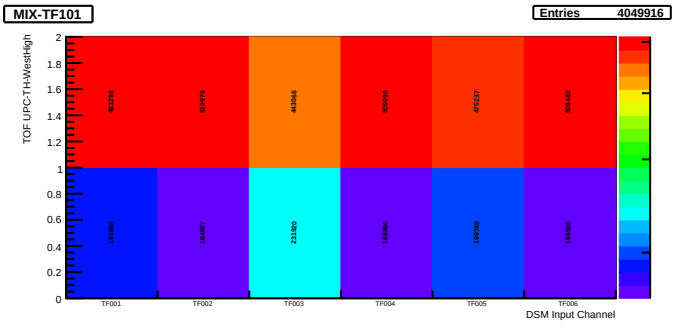

MIX-TF006
Entries 1.417471e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

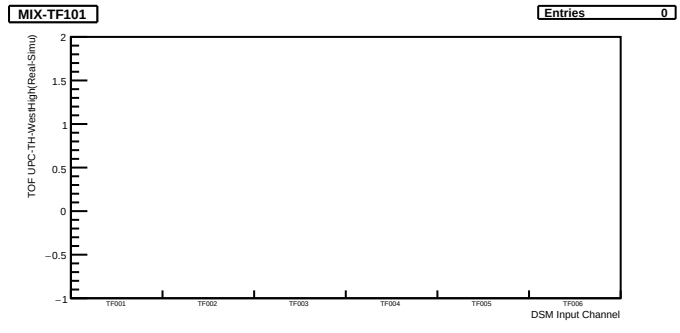

MIX-TF101
Entries 4049916
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

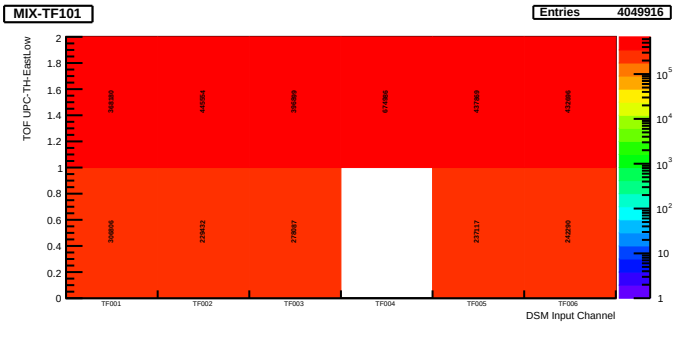

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

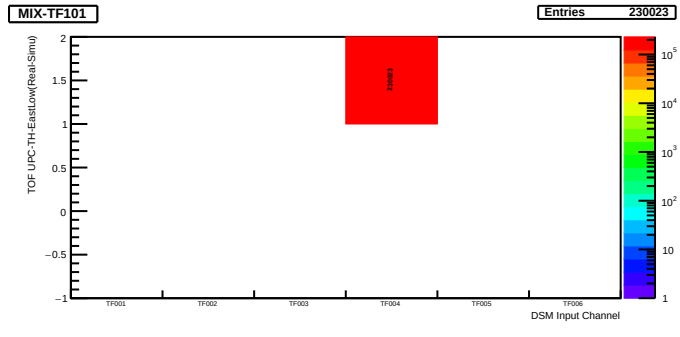

MIX-TF101
Entries 4049916
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

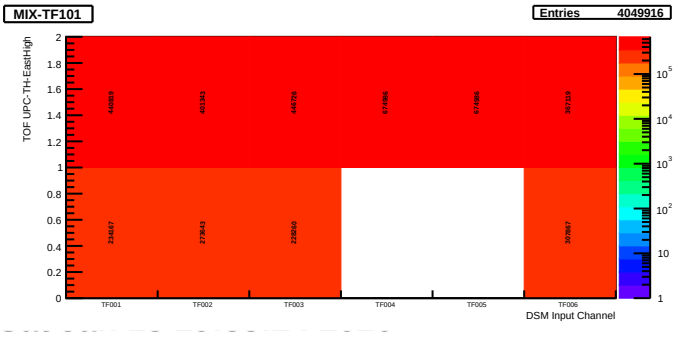

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

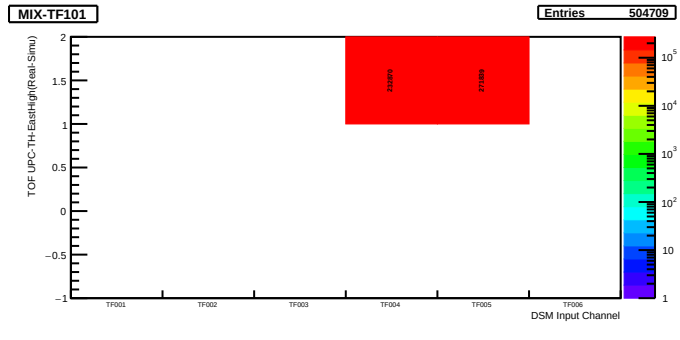

MIX-TF101
Entries 4049916
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

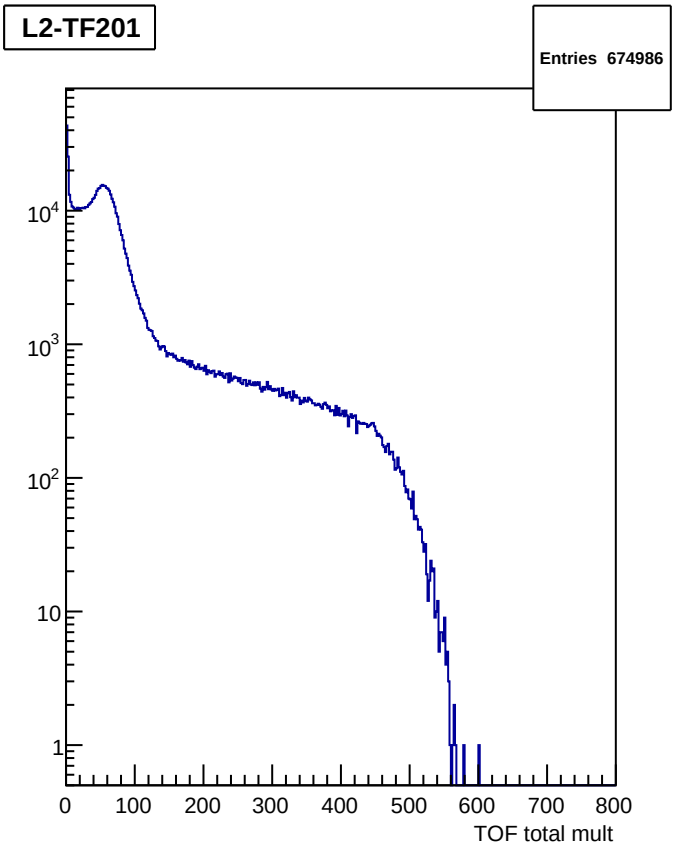

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

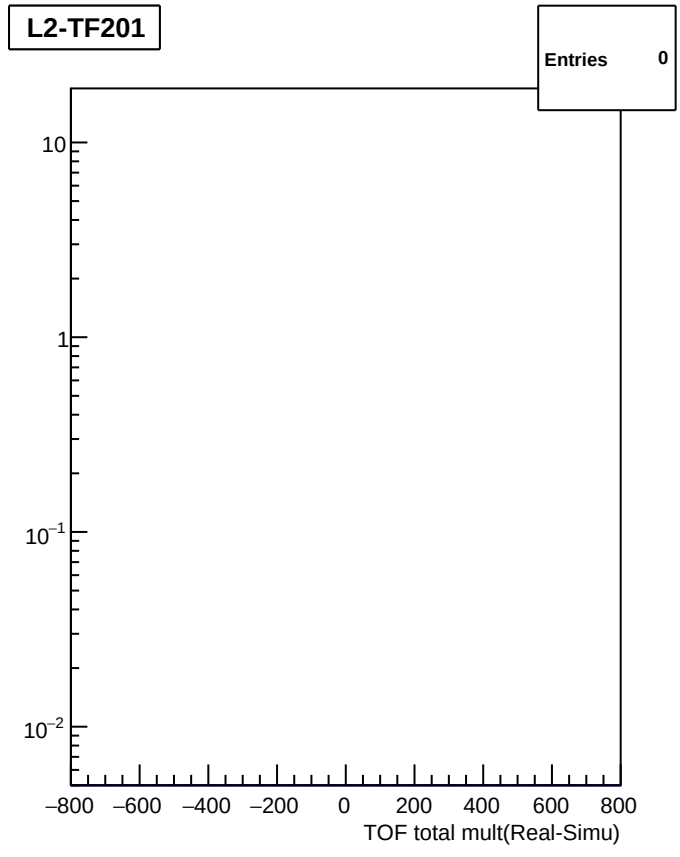

MIX-TF101
Entries 4049916
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

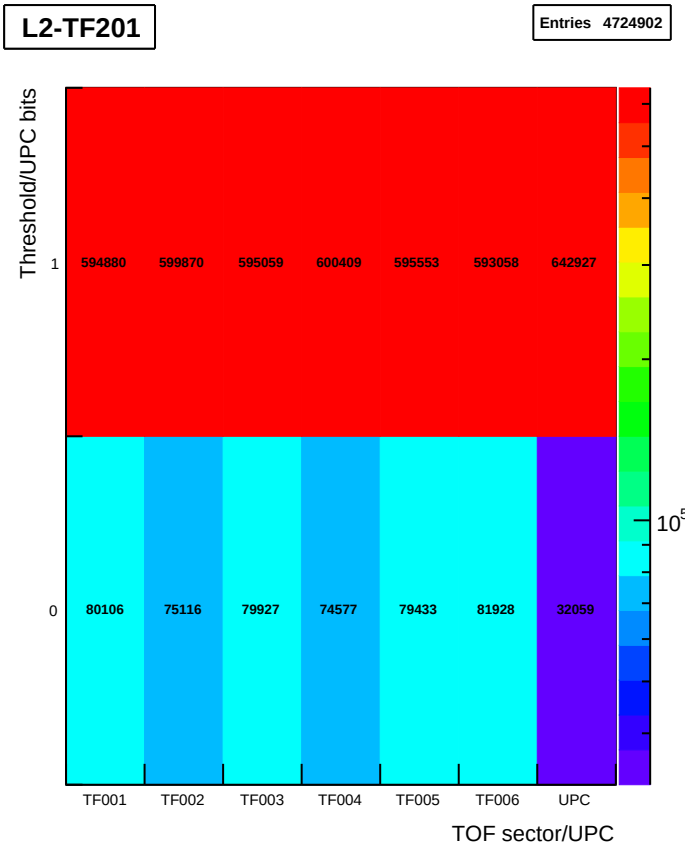

MIX-TF101
Entries 230023
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

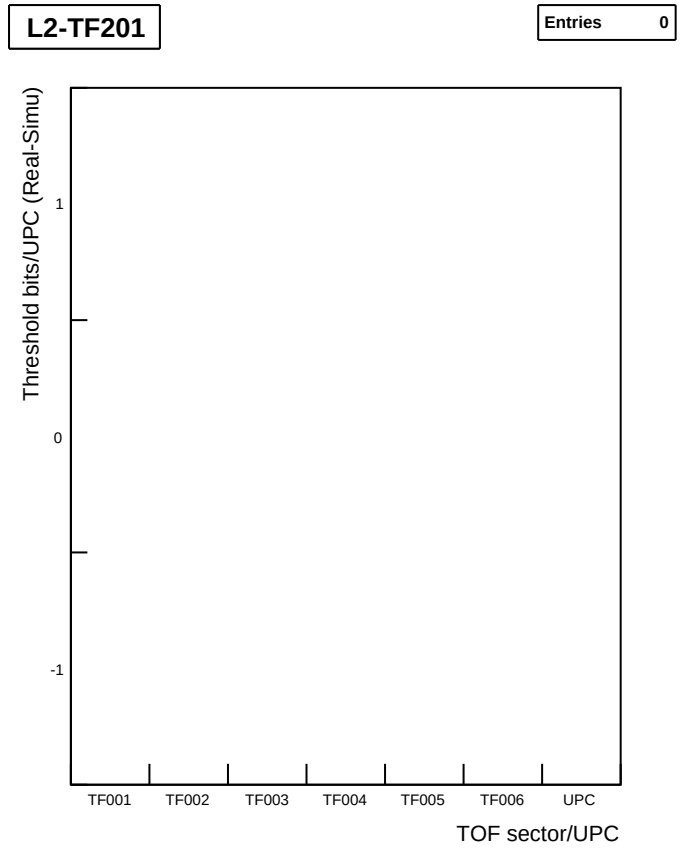

MIX-TF101
Entries 4049916
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

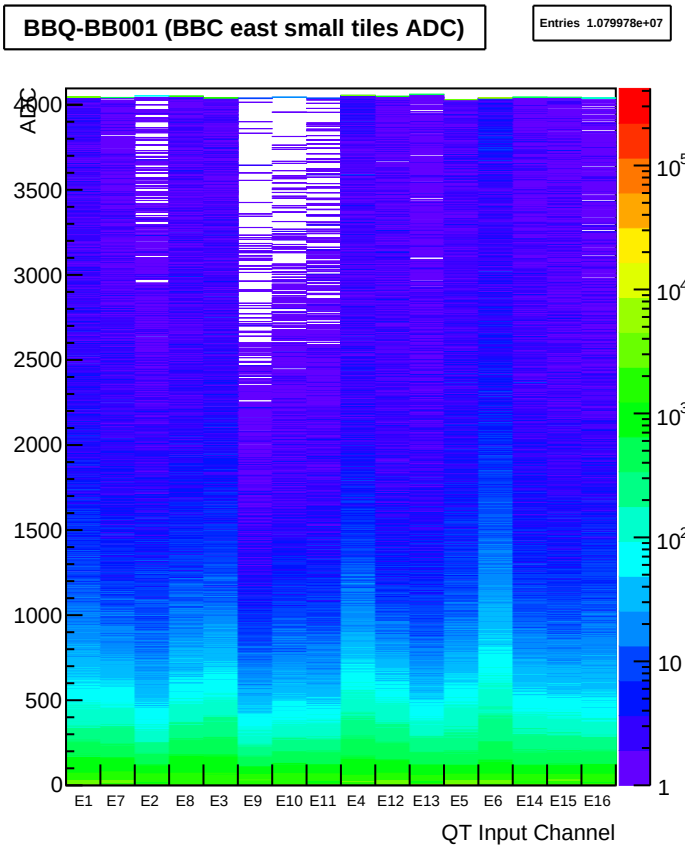

MIX-TF101
Entries 504709
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

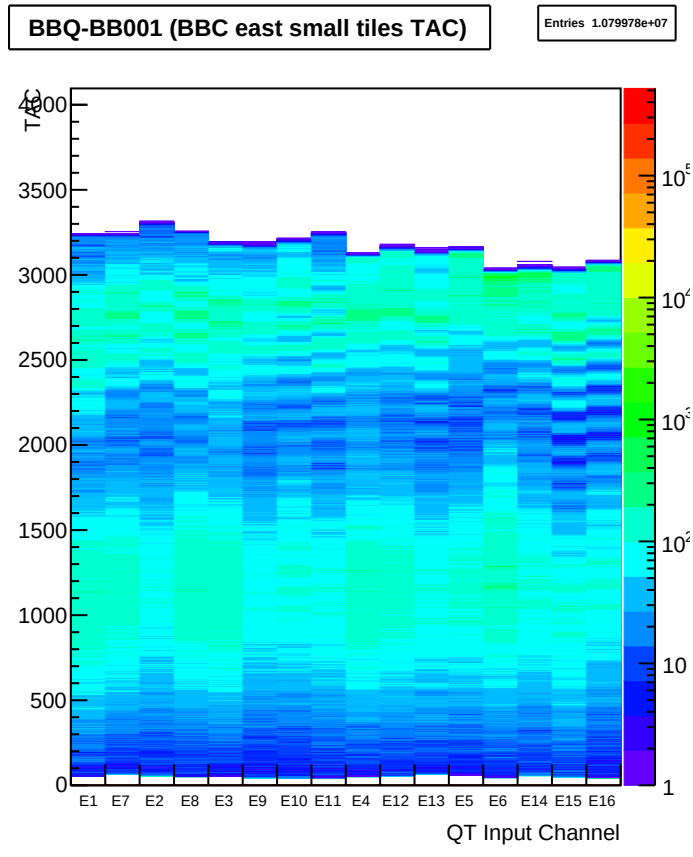

L2-TF201
Entries 674986
TOF total mult

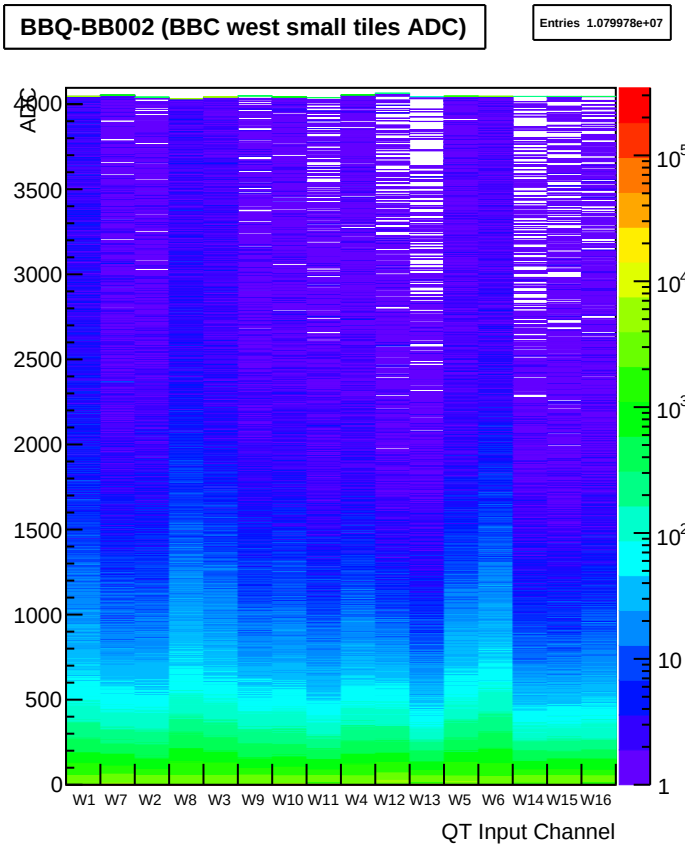

L2-TF201
Entries 0
TOF total mult(Real-Simu)

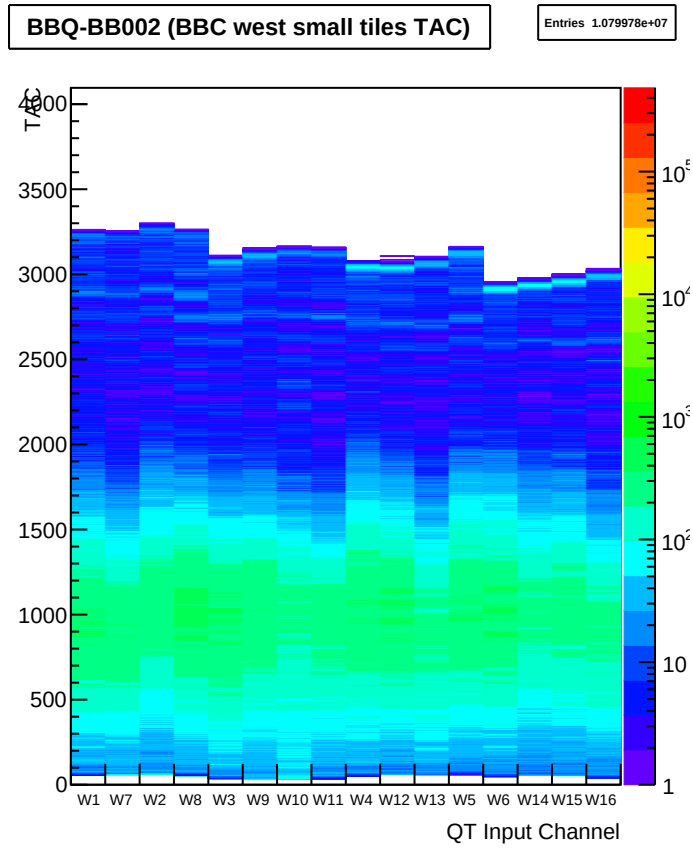

L2-TF201
Entries 4724902
Threshold/UPC bits
594880
599870
595059
600409
595553
593058
642927
80106
75116
79927
74577
79433
81928
32059
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

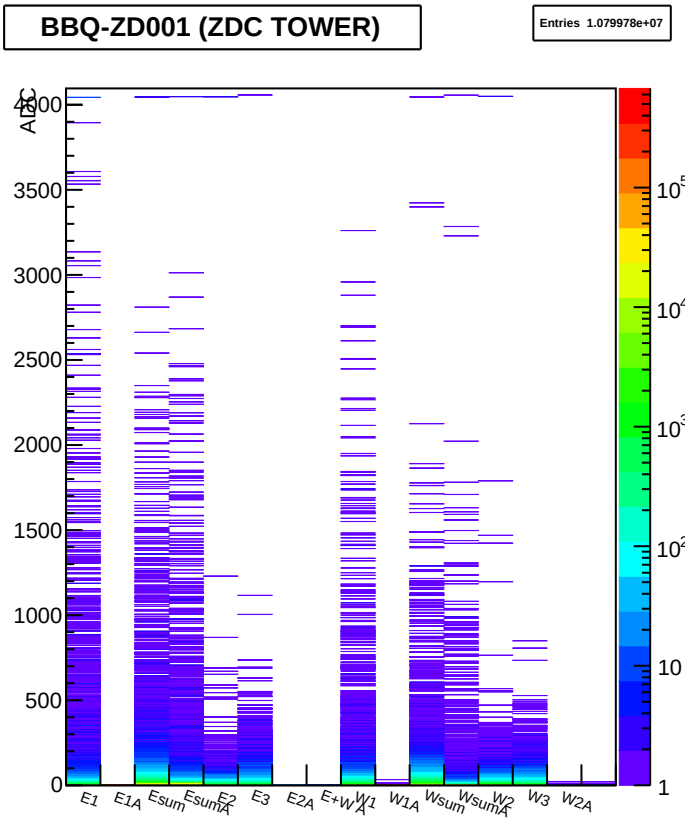

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

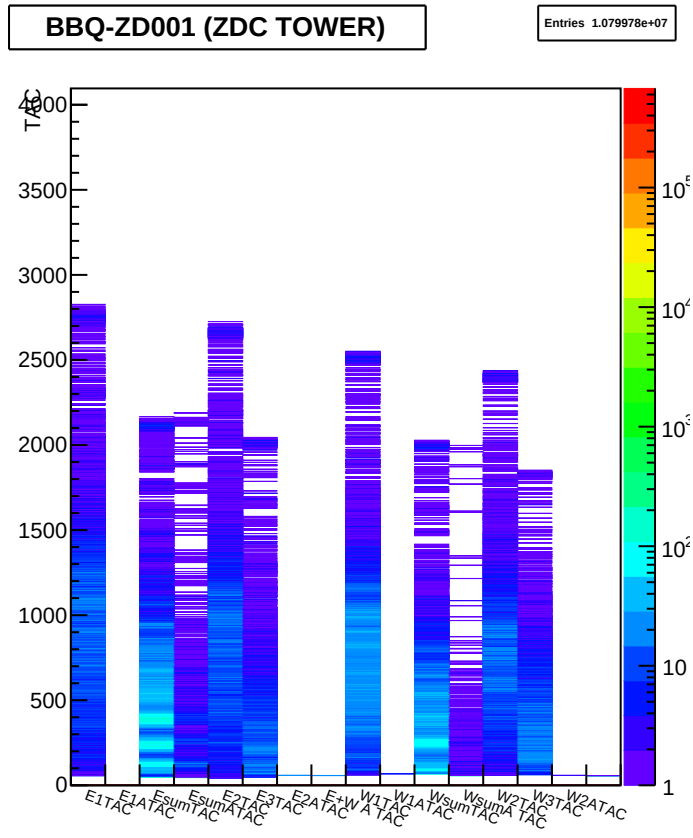

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.079978e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

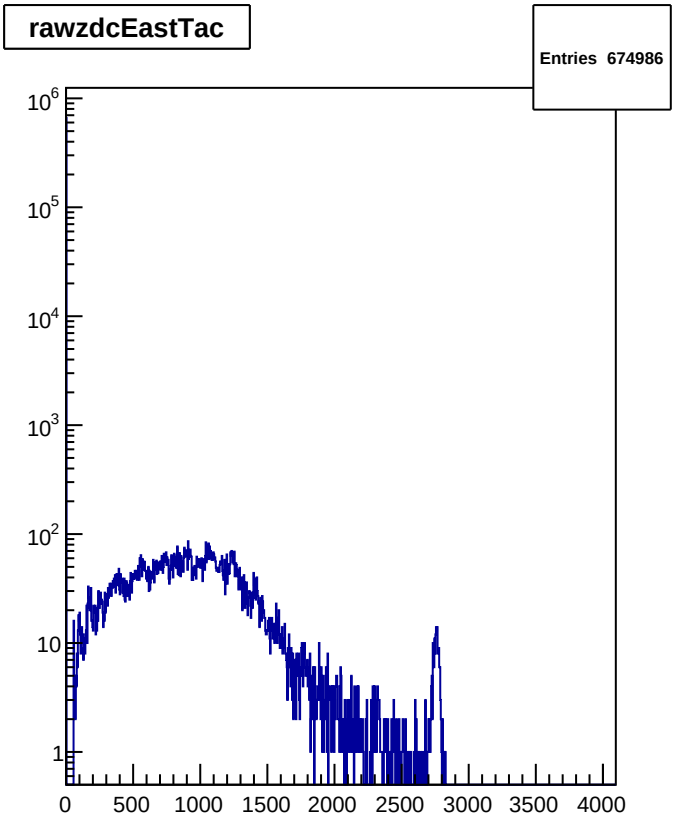

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.079978e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

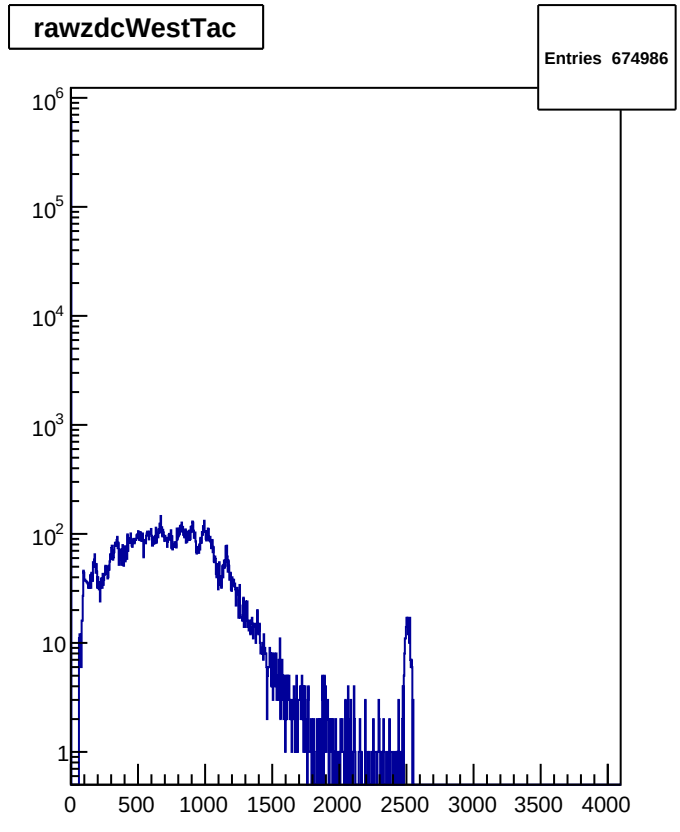

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.079978e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

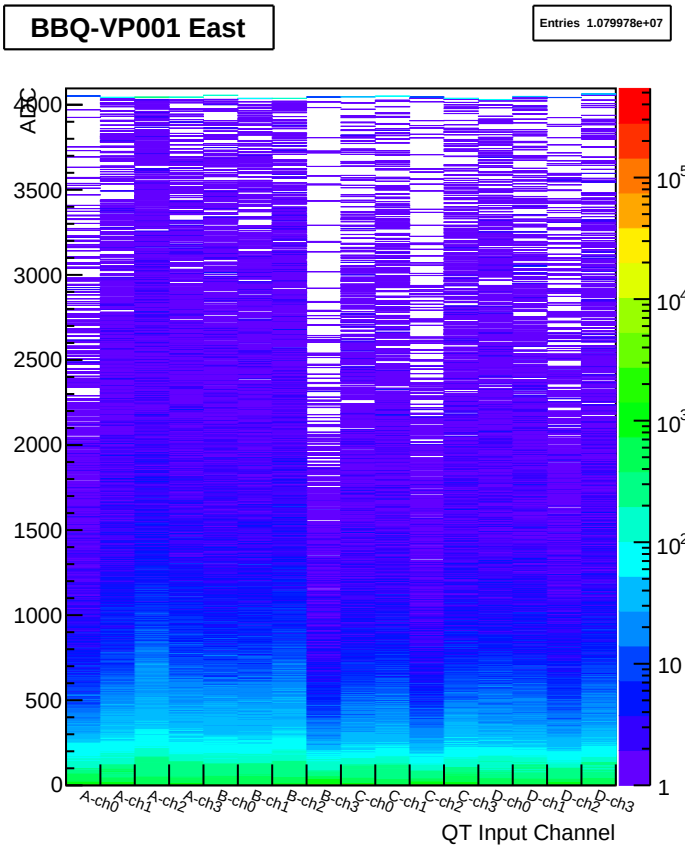

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.079978e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

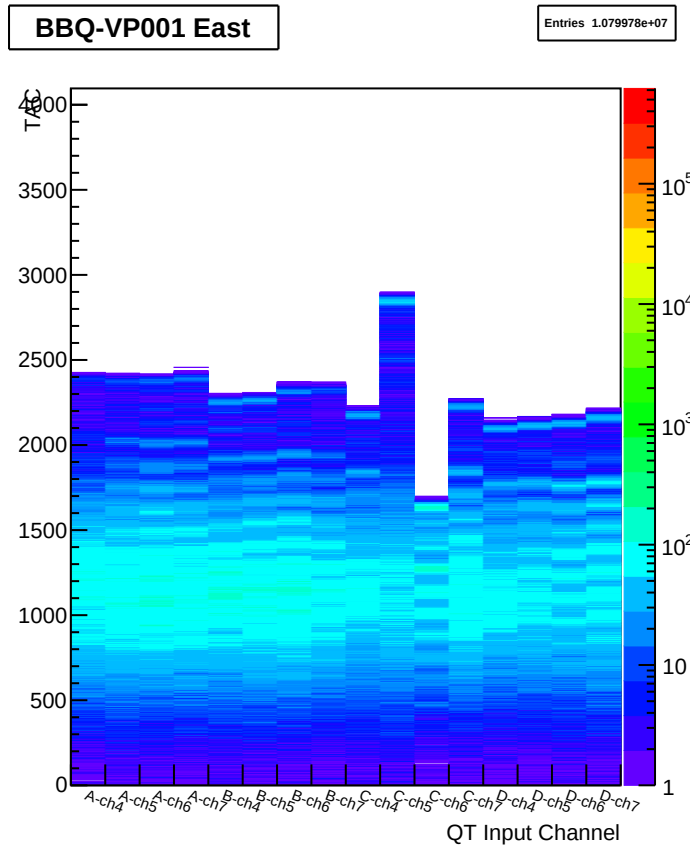

BBQ-ZD001 (ZDC TOWER)
Entries 1.079978e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

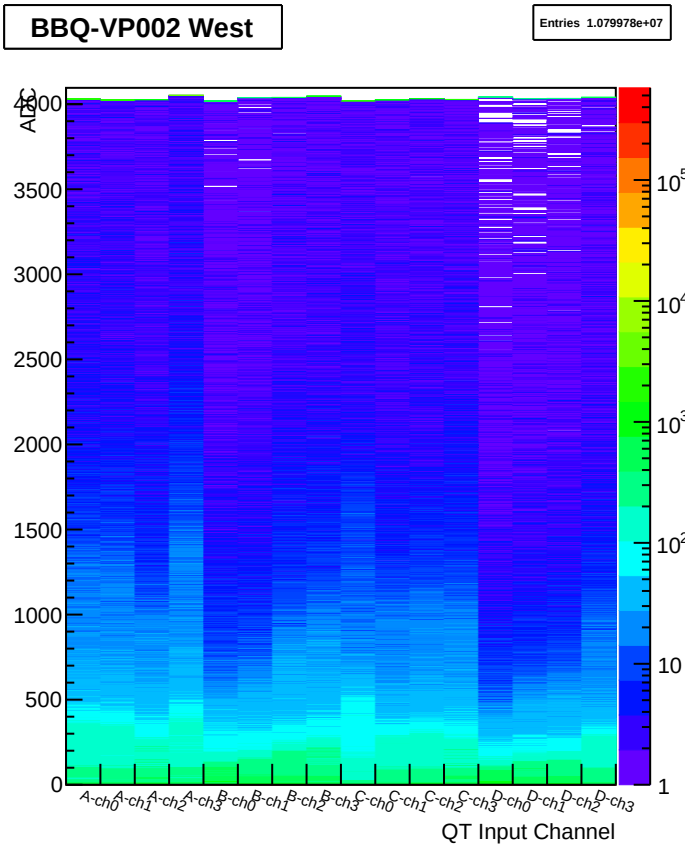

BBQ-ZD001 (ZDC TOWER)
Entries 1.079978e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

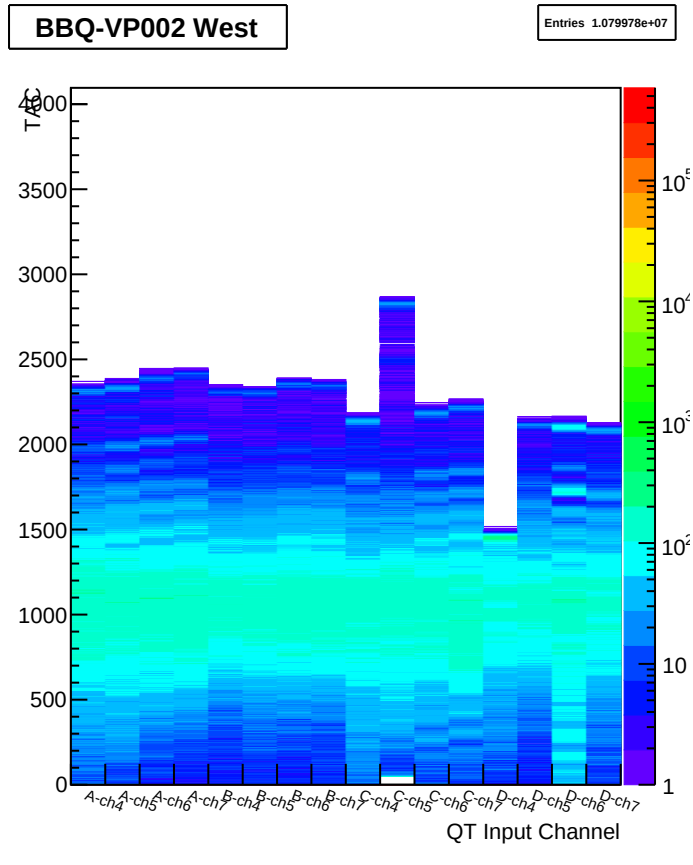

rawzdcEastTac
Entries 674986

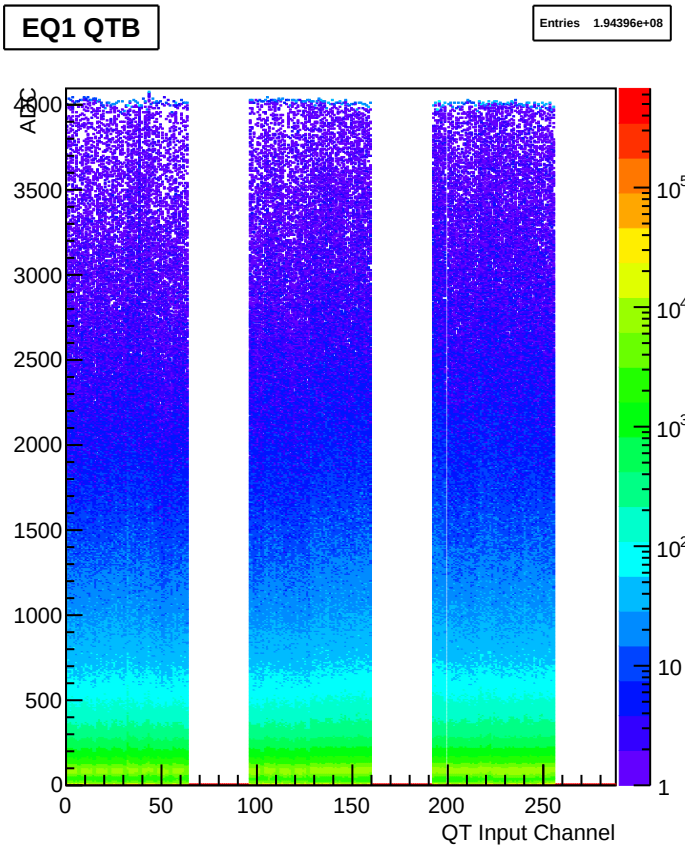

rawzdcWestTac
Entries 674986

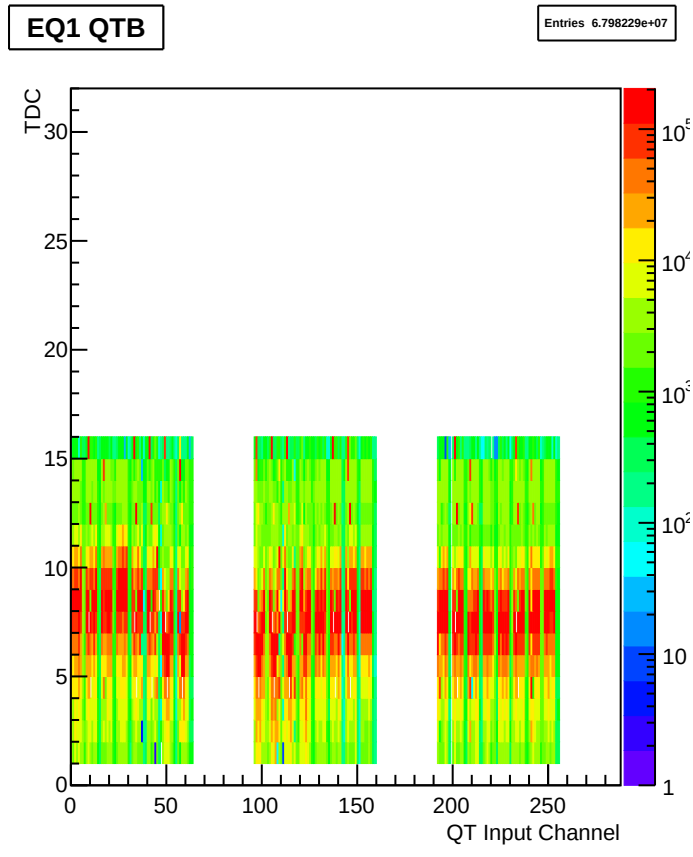

BBQ-VP001 East
Entries 1.079978e+07
ADC
QT Input Channel

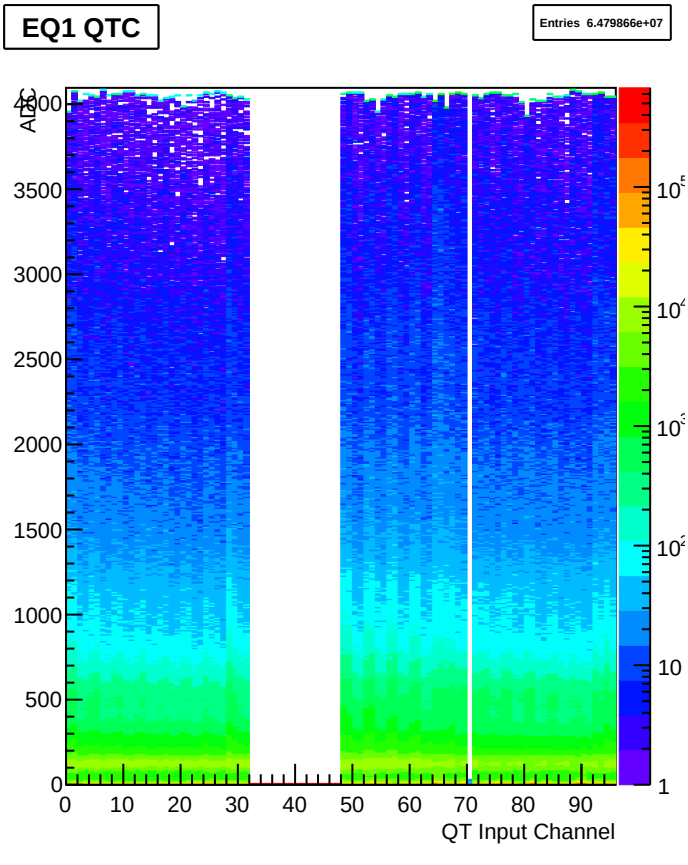

BBQ-VP001 East
Entries 1.079978e+07
TADC
QT Input Channel

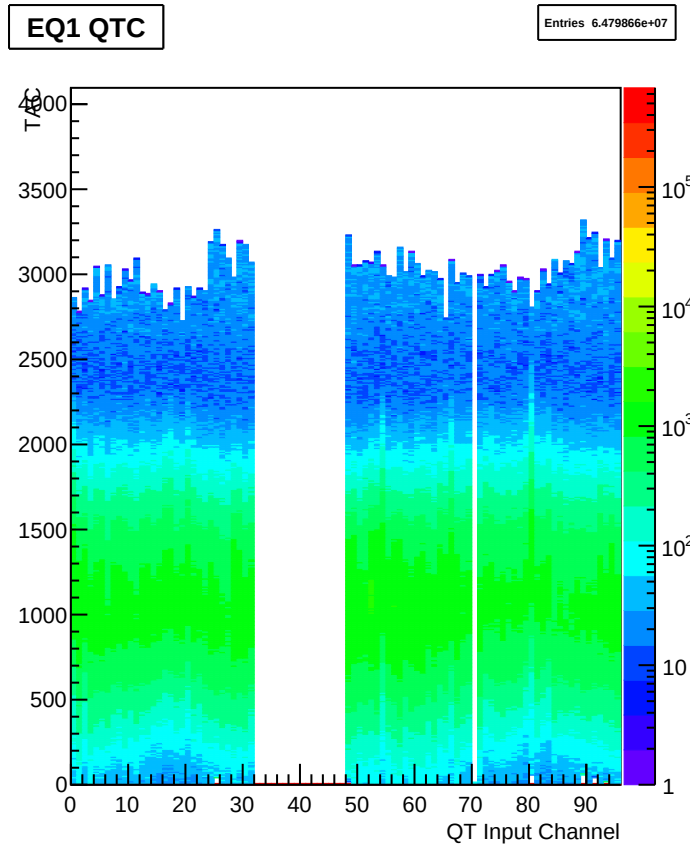

BBQ-VP002 West
Entries 1.079978e+07
ADC
QT Input Channel

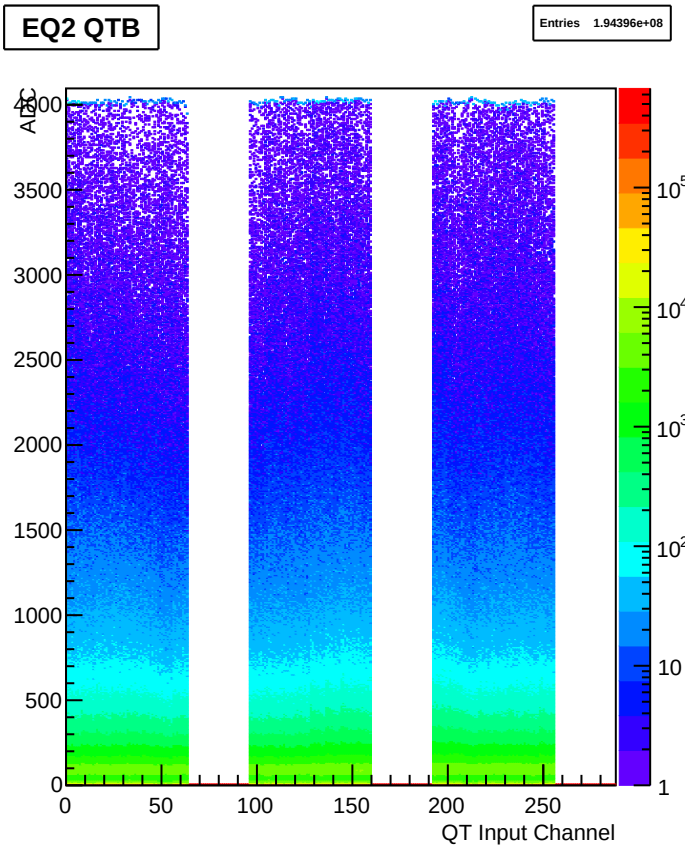

BBQ-VP002 West
Entries 1.079978e+07
TADC
QT Input Channel

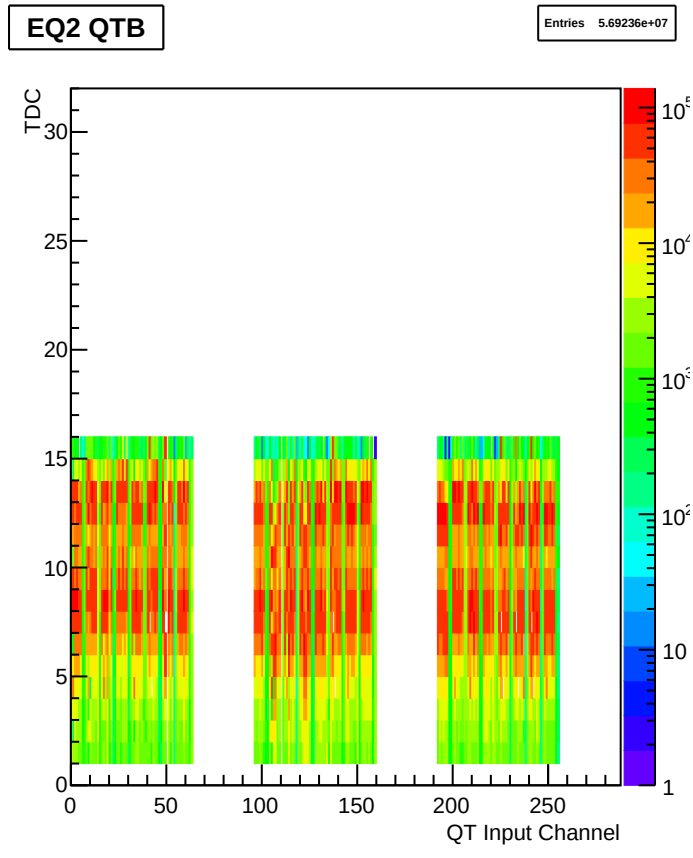

EQ1 QTB
Entries 1.94396e+08
ADC
QT Input Channel

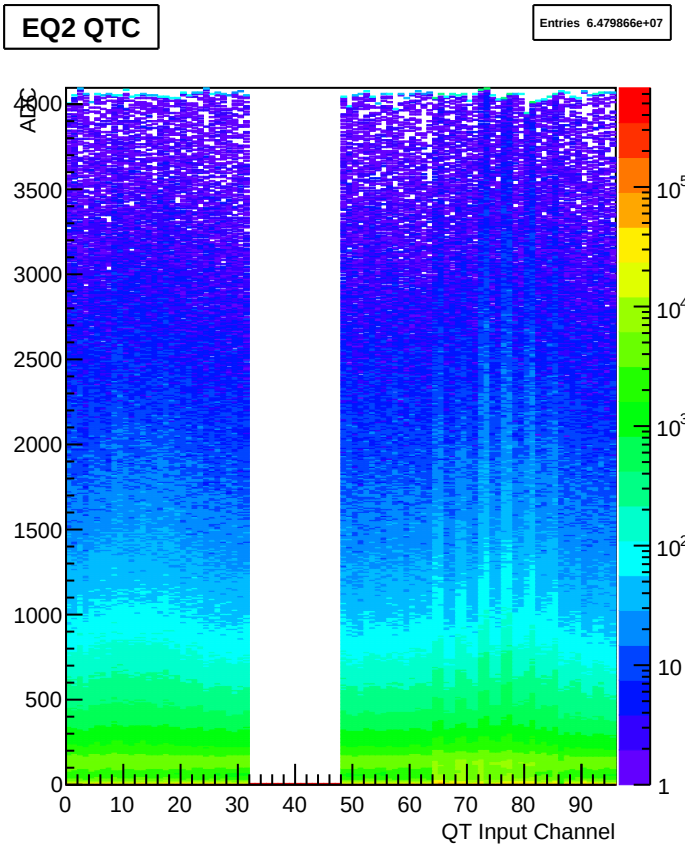

EQ1 QTB
Entries 6.798229e+07
TDC
QT Input Channel

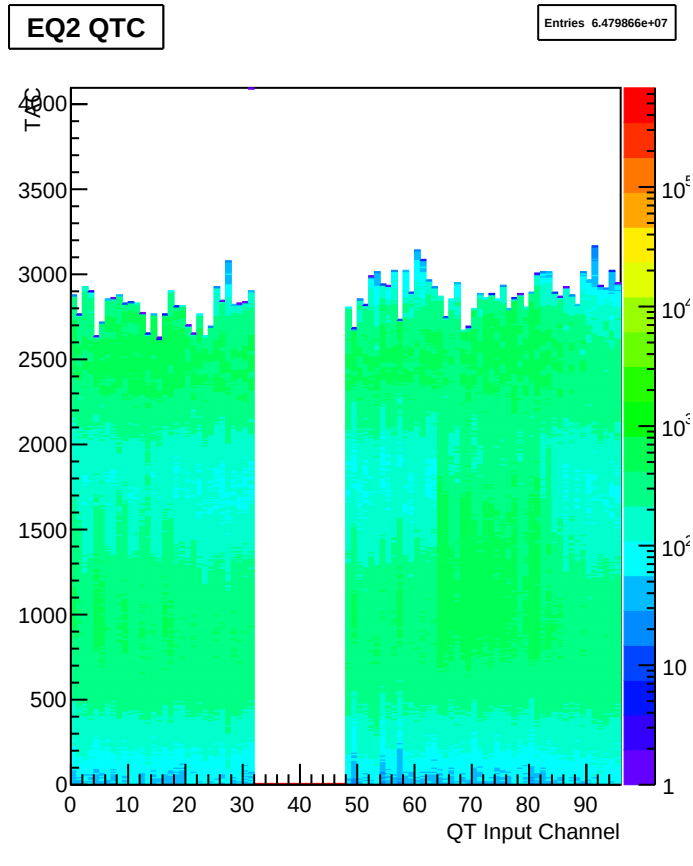

EQ1 QTC
Entries 6.479866e+07
ADC
QT Input Channel

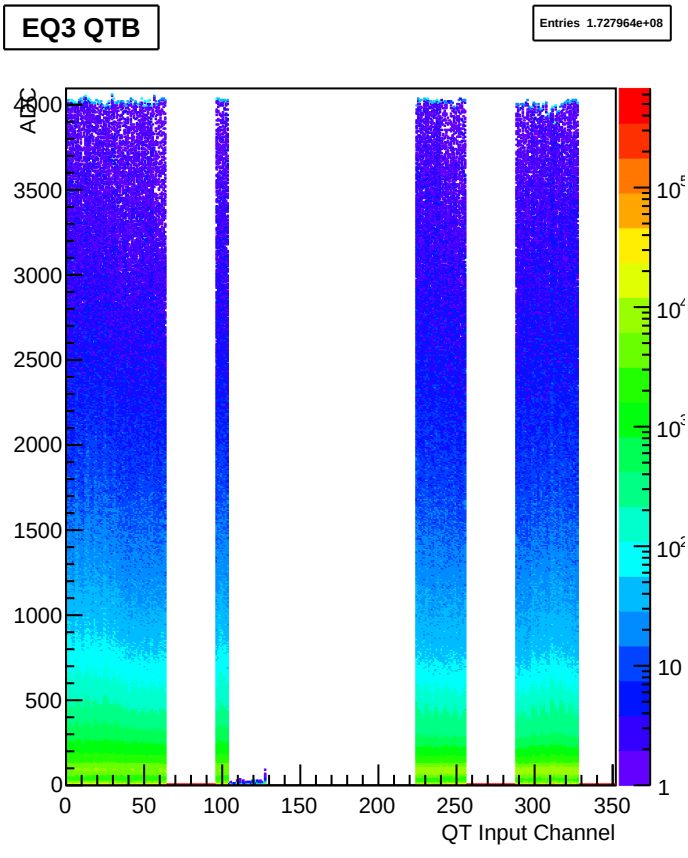

EQ1 QTC
Entries 6.479866e+07
TADC
QT Input Channel

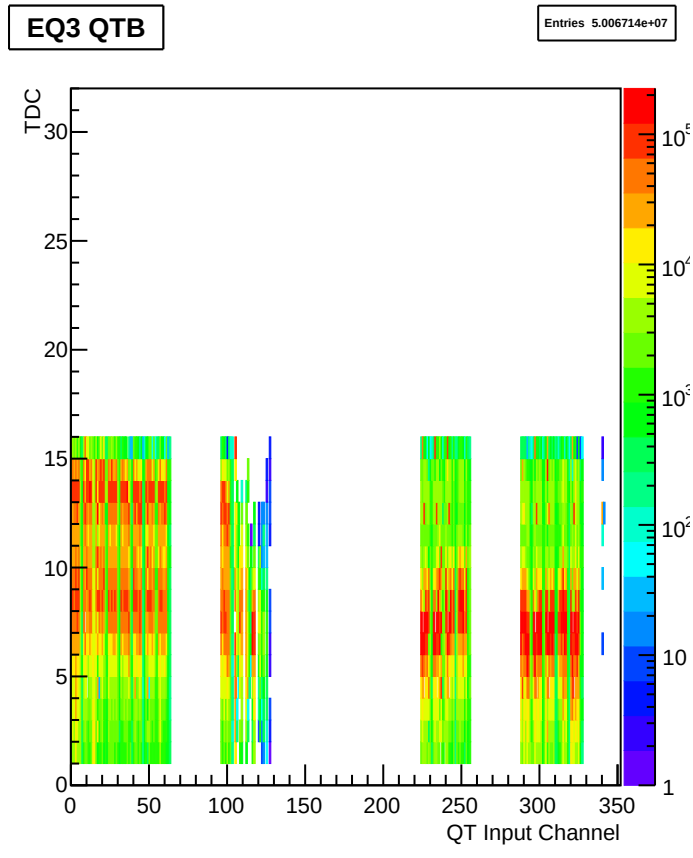

EQ2 QTB
Entries 1.94396e+08
ADC
QT Input Channel

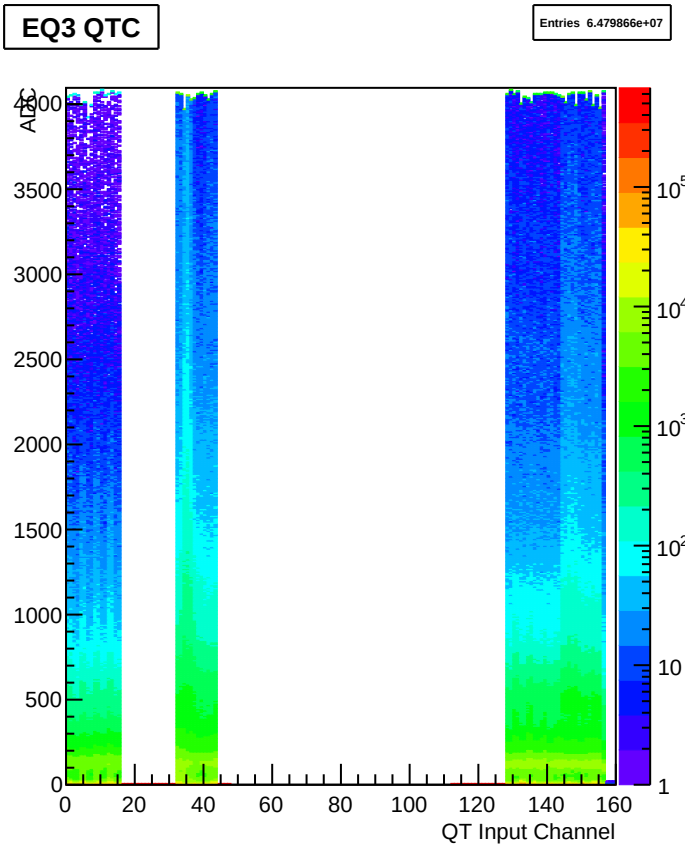

EQ2 QTB
Entries 5.69236e+07
TDC
QT Input Channel

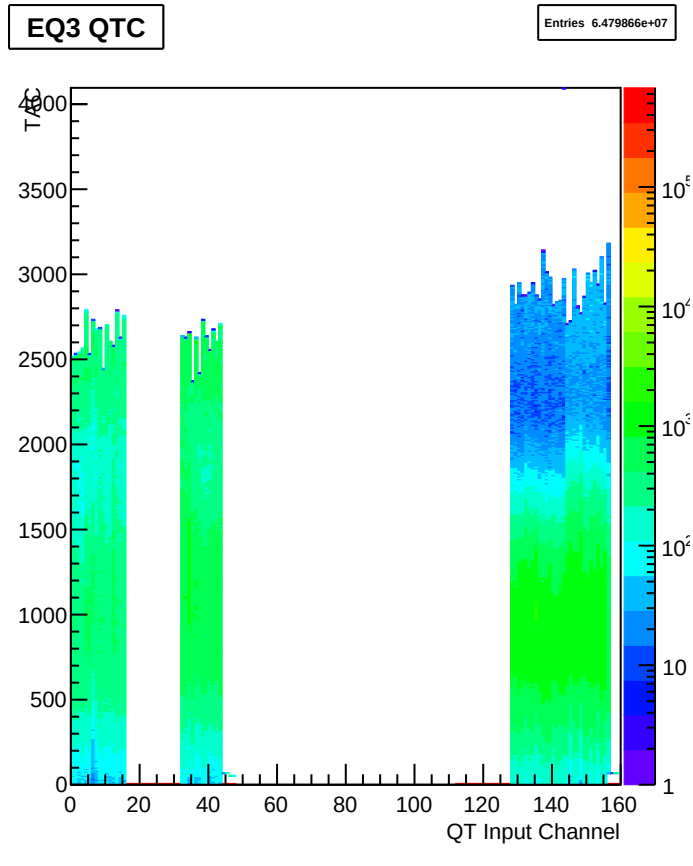

EQ2 QTC
Entries 6.479866e+07
ADC
QT Input Channel

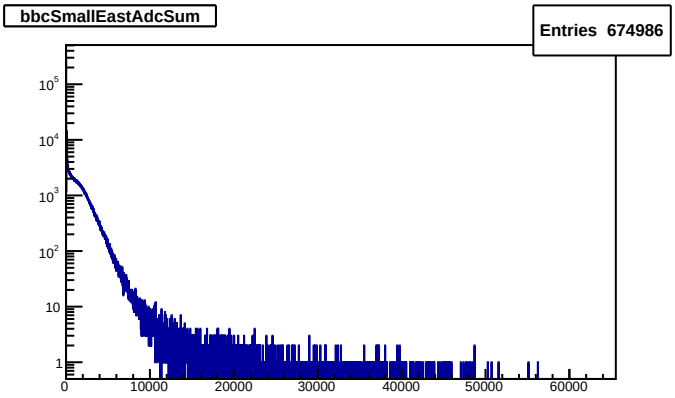

EQ2 QTC
Entries 6.479866e+07
TADC
QT Input Channel

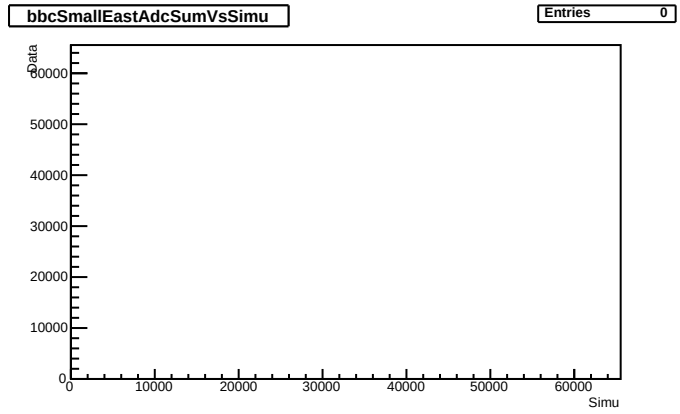

EQ3 QTB
Entries 1.727964e+08
ADC
QT Input Channel

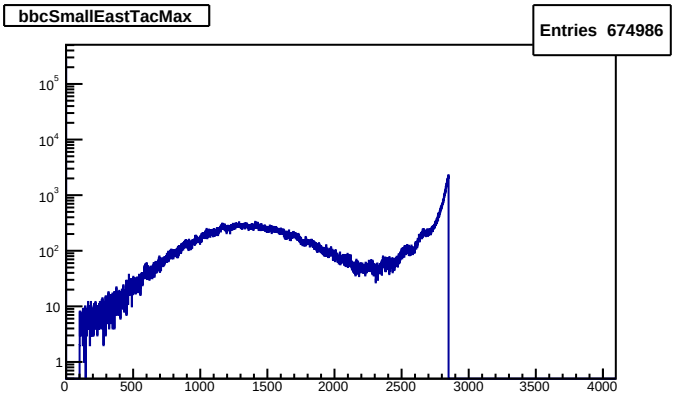

EQ3 QTB
Entries 5.006714e+07
TDC
QT Input Channel


EQ3 QTC
Entries 6.479866e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.479866e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 674986


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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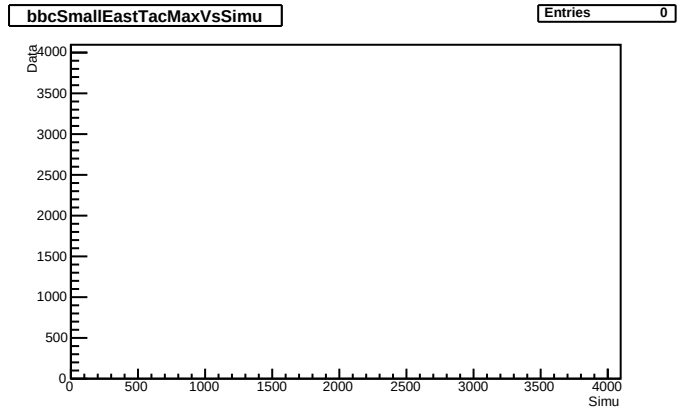
Entries 674986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Entries 0
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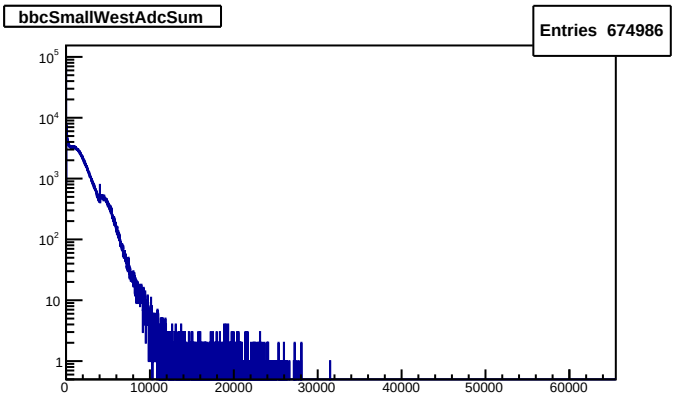
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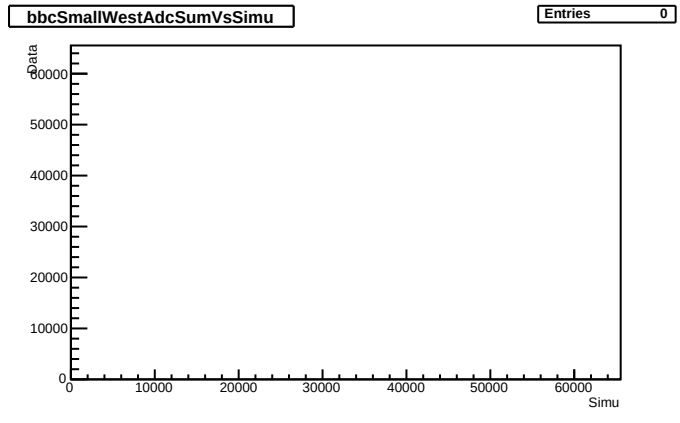
Entries 674986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Entries 0
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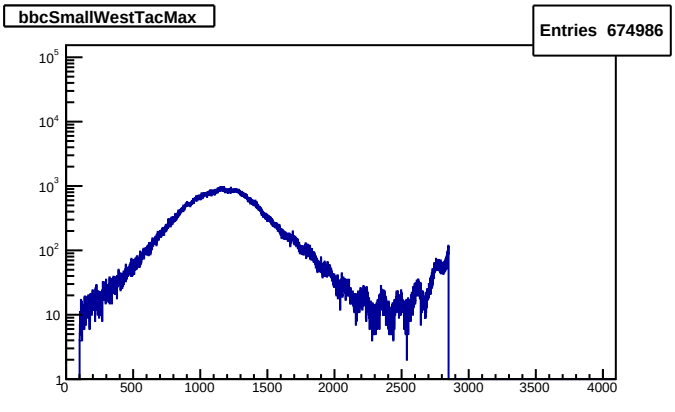
Simu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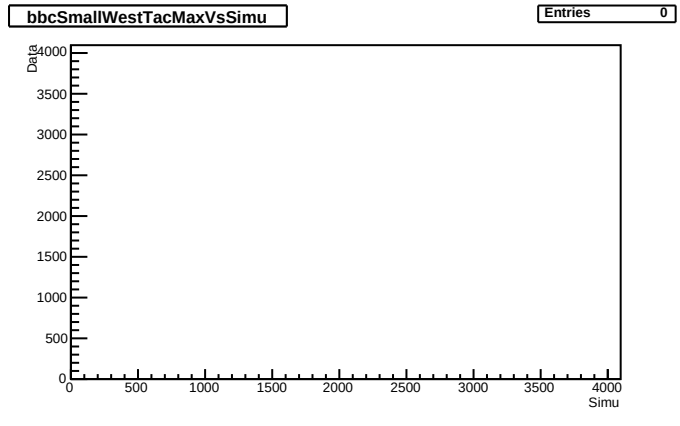
Entries 674986


bbcSmallWestTacMaxVsSimu
Entries 0
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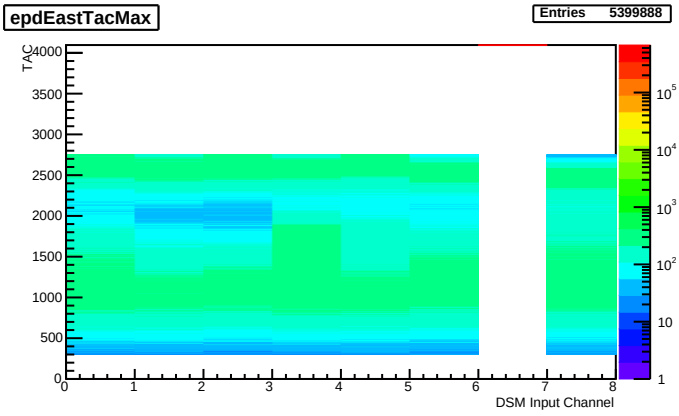
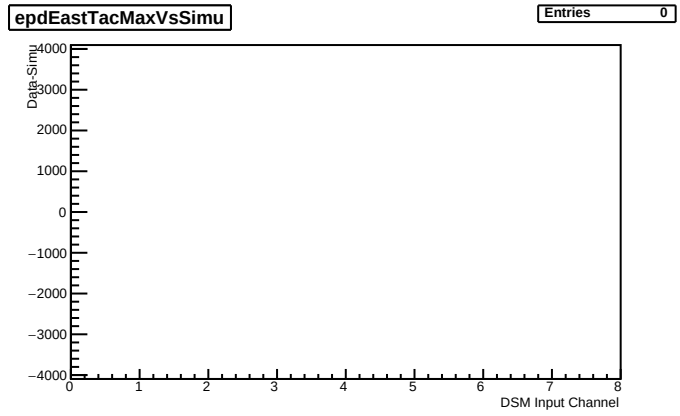
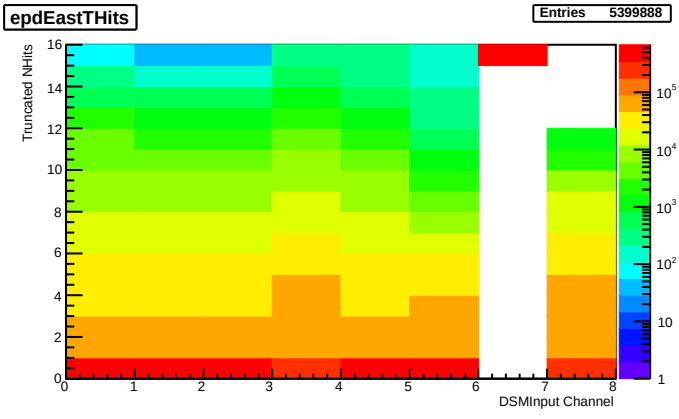
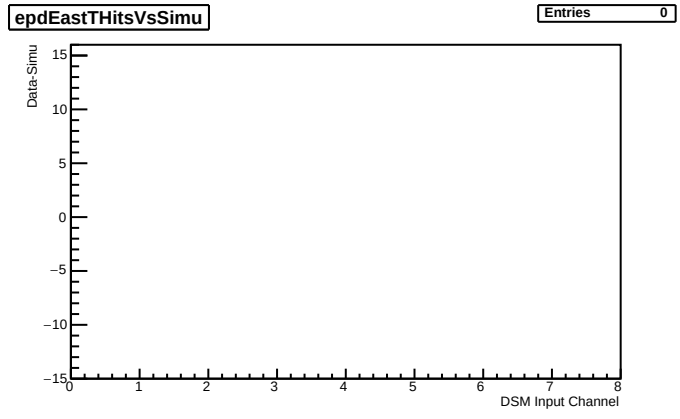
Simu


epdEastTacMax
Entries 5399888
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5399888
Truncated NHits
DSMInput Channel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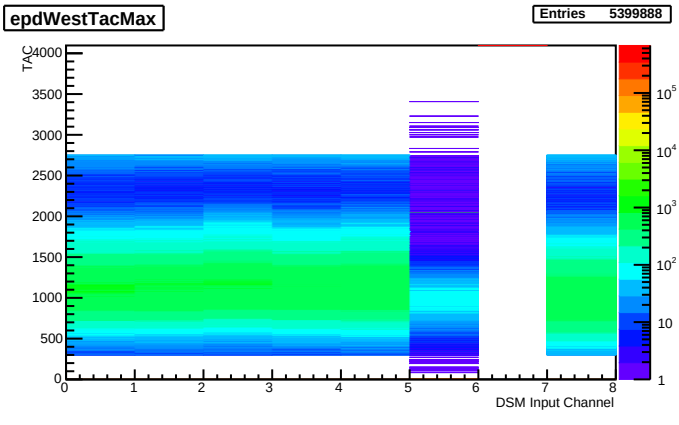
Data-Simu
DSM Input Channel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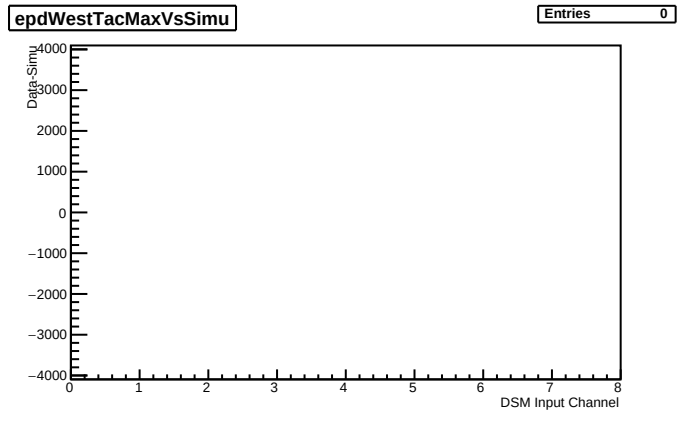
Entries 5399888
TAC
DSM Input Channel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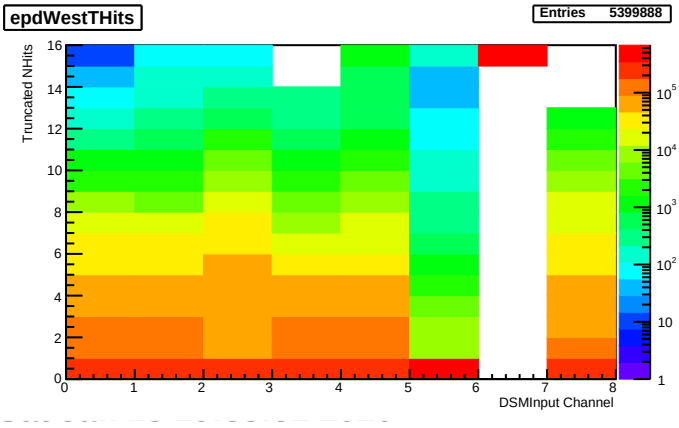
Data-Simu
DSM Input Channel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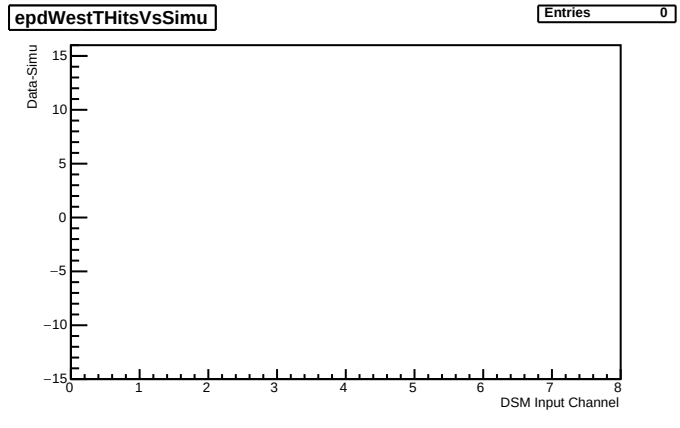
DSMInput Channel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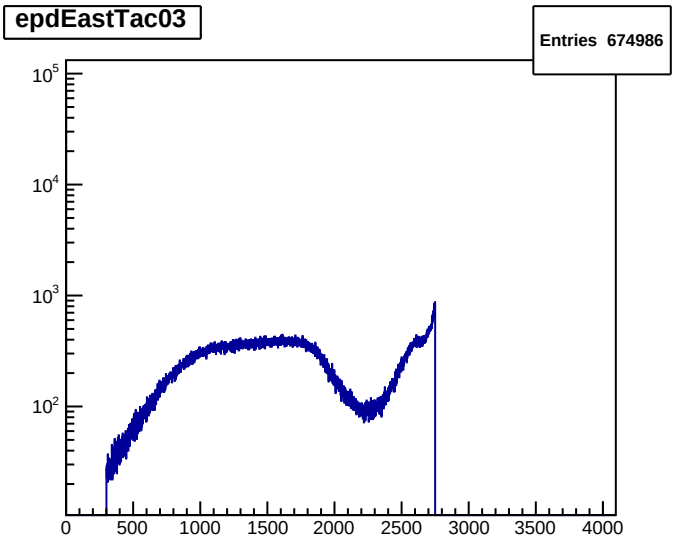
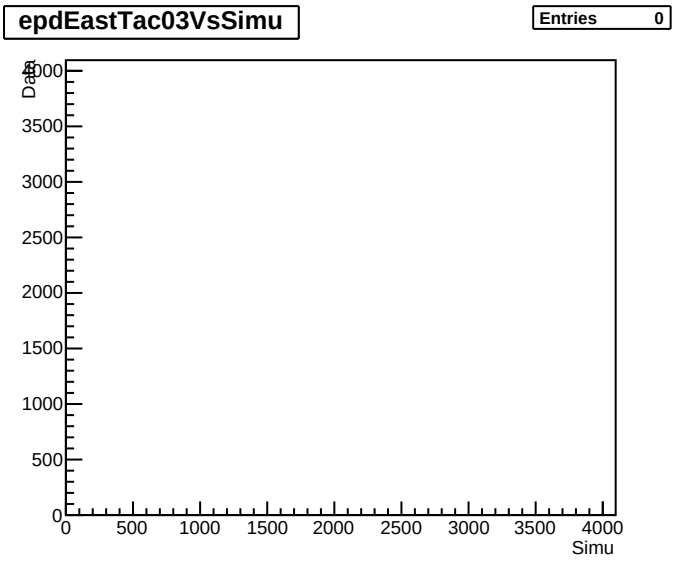
Data-Simu
DSM Input Channel


epdEastTac03
Entries 674986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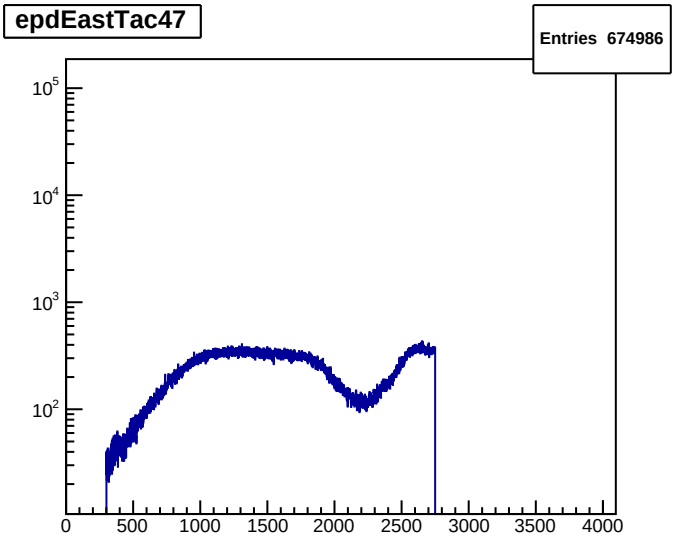
Entries 0
Data
Simu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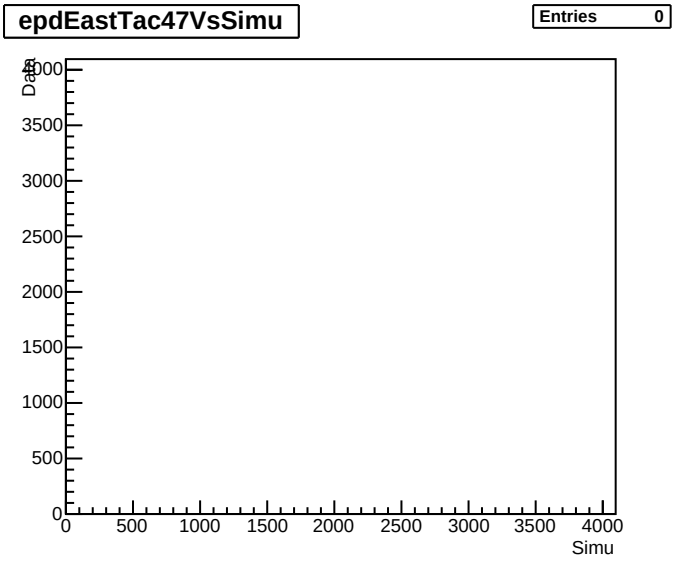
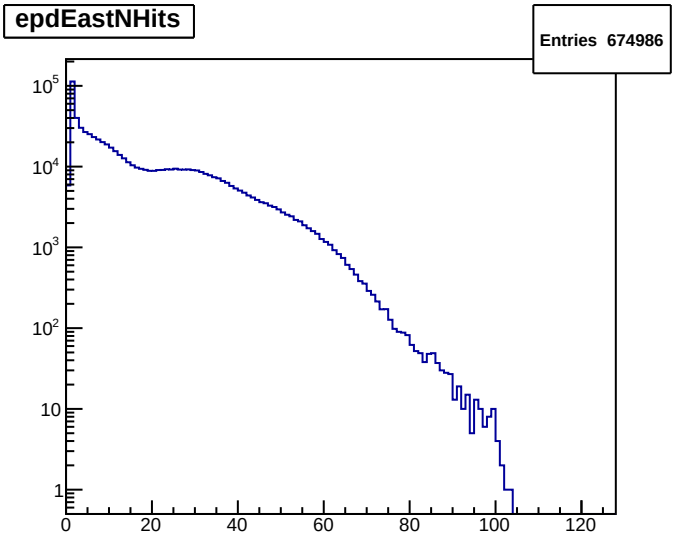
Entries 674986


epdEastTac47VsSimu
Entries 0
Data
Simu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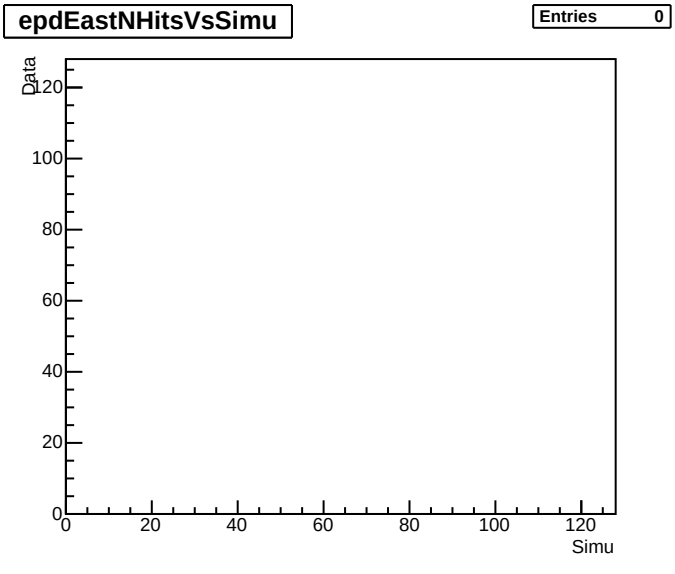
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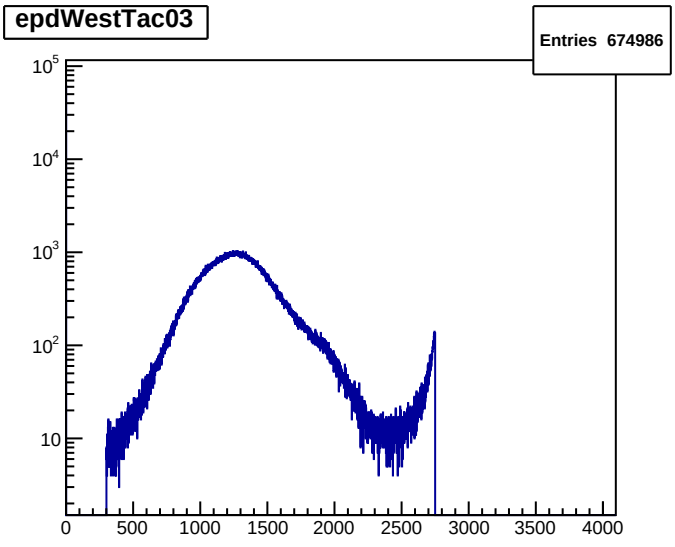
Simu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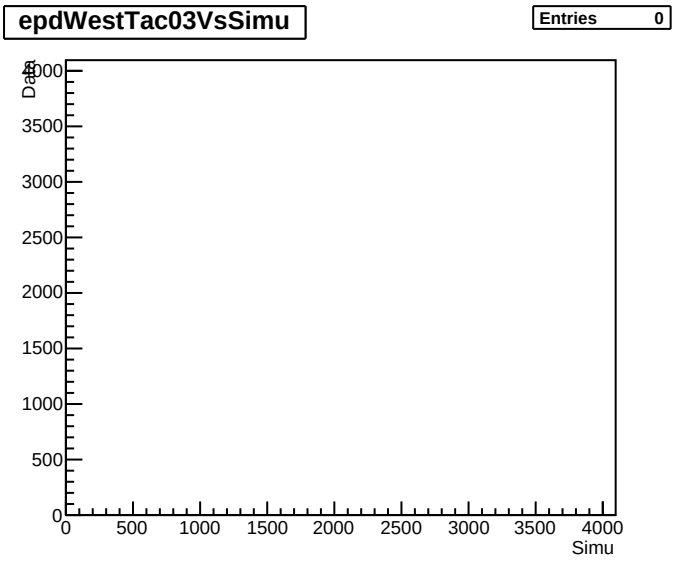
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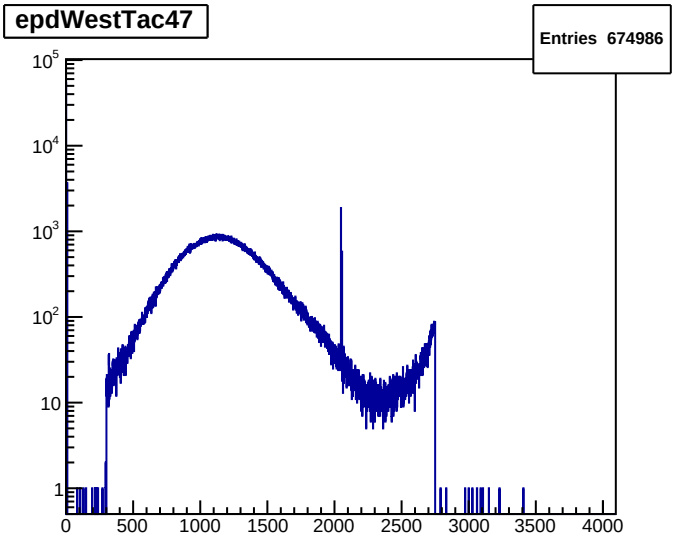
Entries 0
Data
Simu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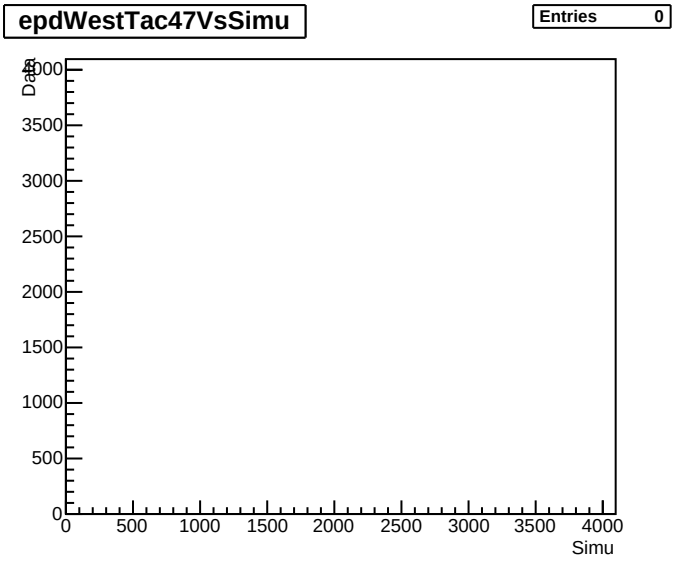
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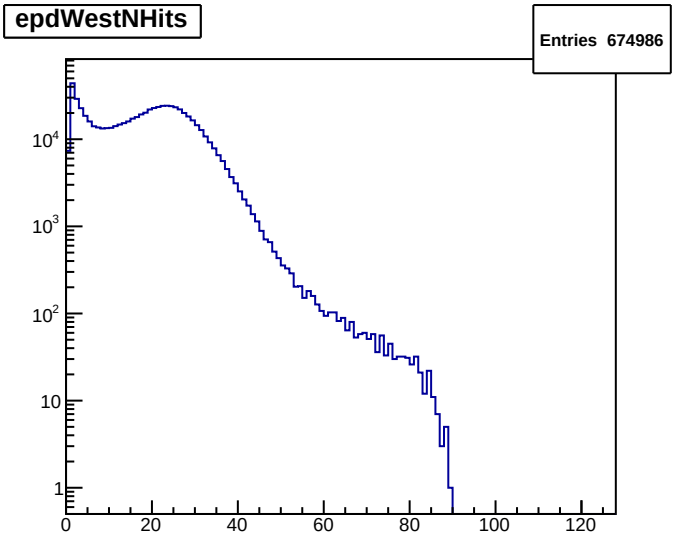
Simu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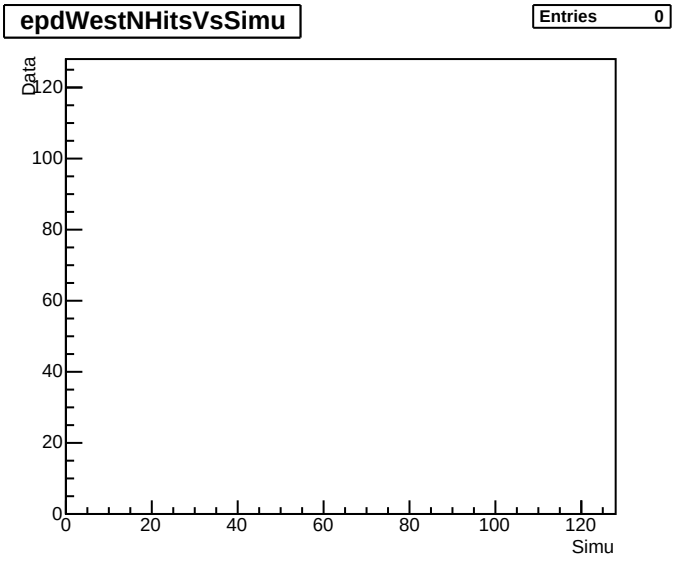
Entries 674986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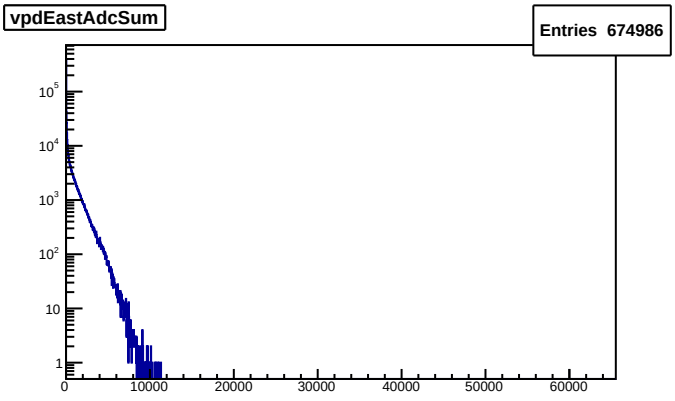
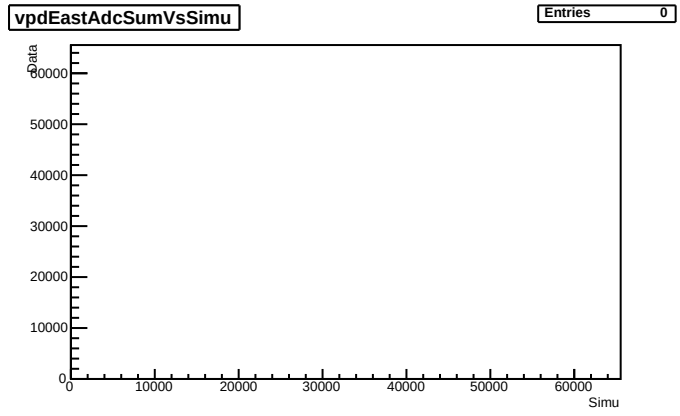
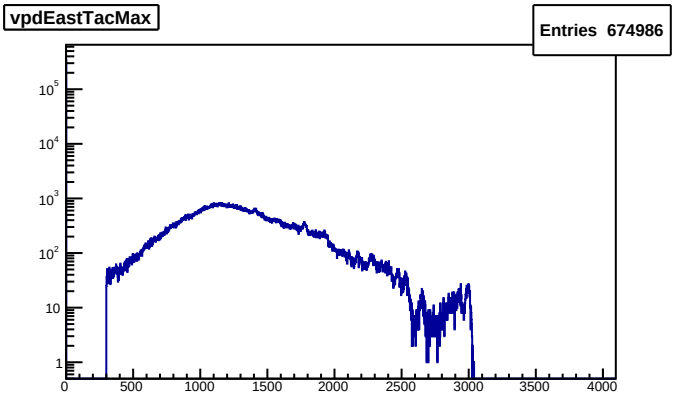
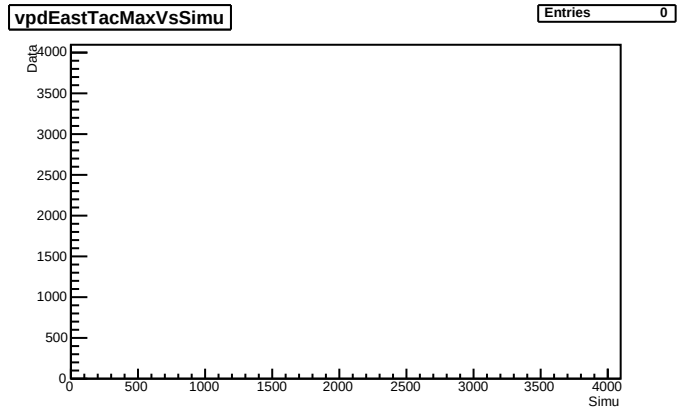
Entries 0
Data
Simu


vpdEastAdcSum
Entries 674986


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 674986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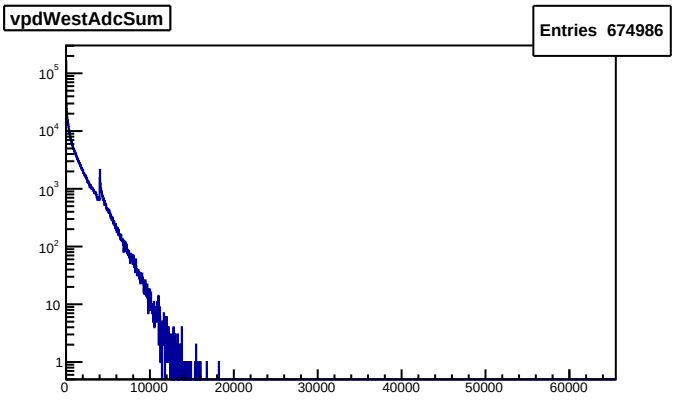
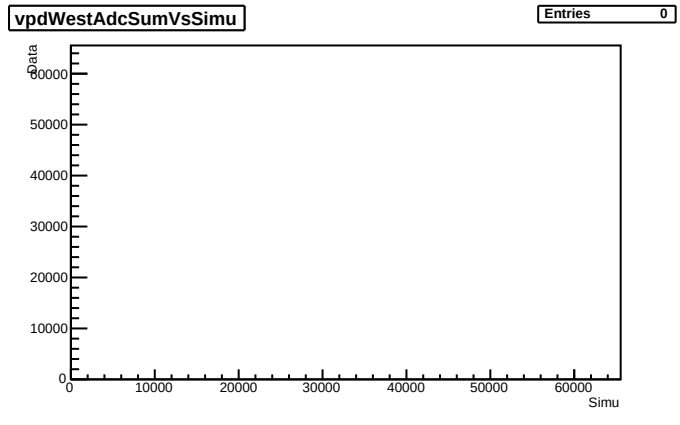
Entries 0
Data
Simu


vpdWestAdcSum
Entries 674986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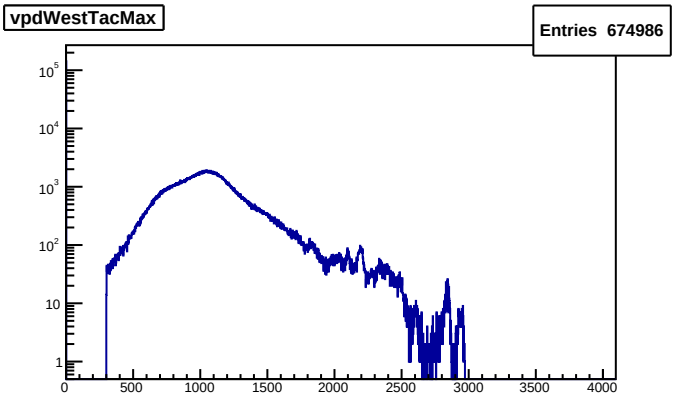
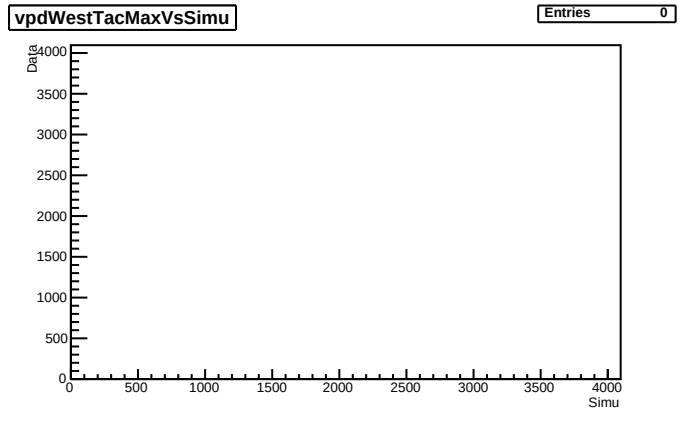
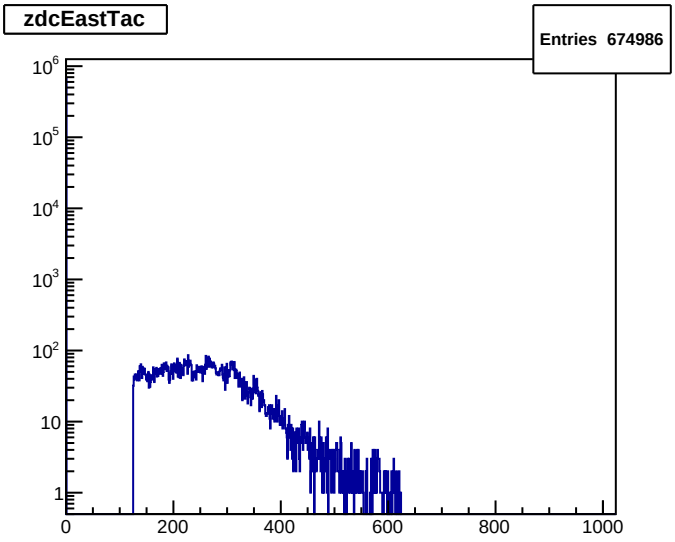
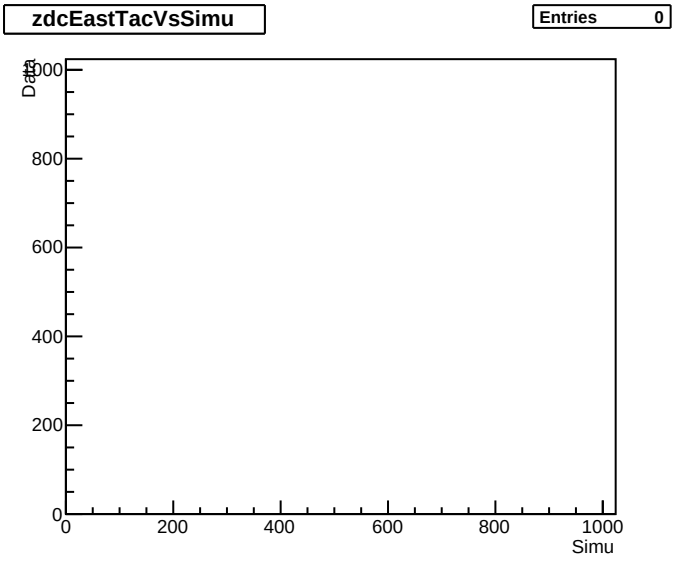
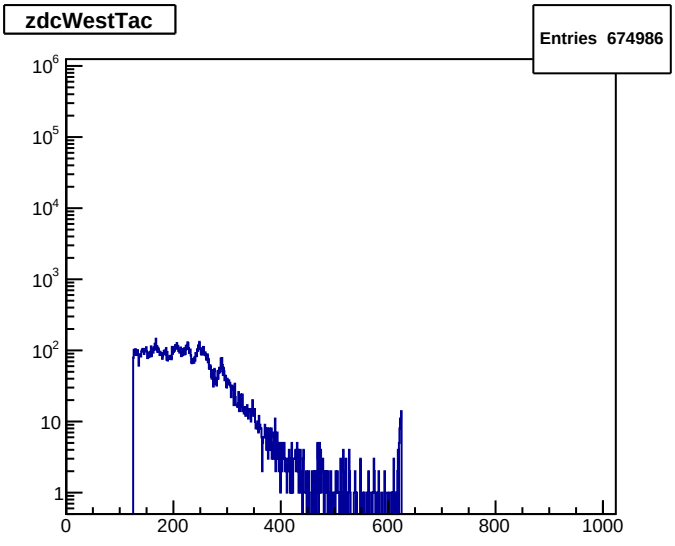
Entries 0
Data
Simu

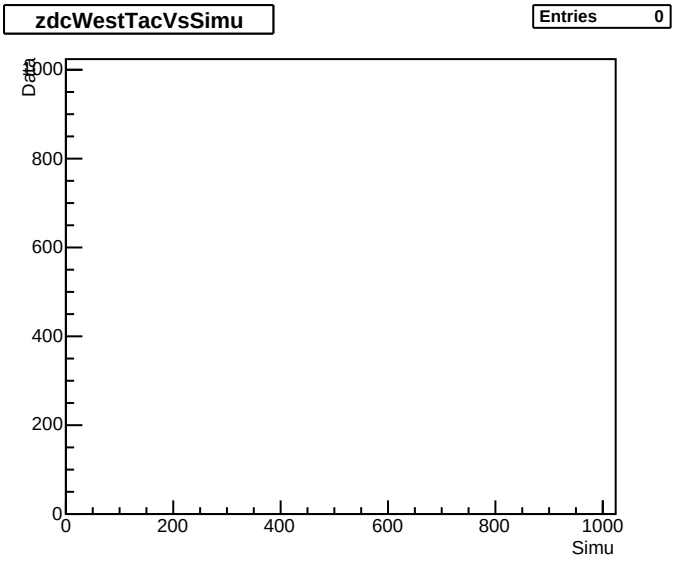

vpdWestTacMax
Entries 674986

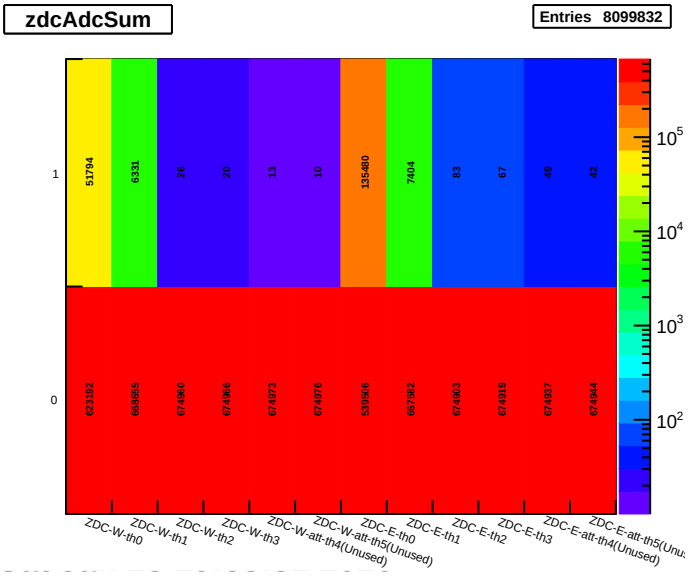

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

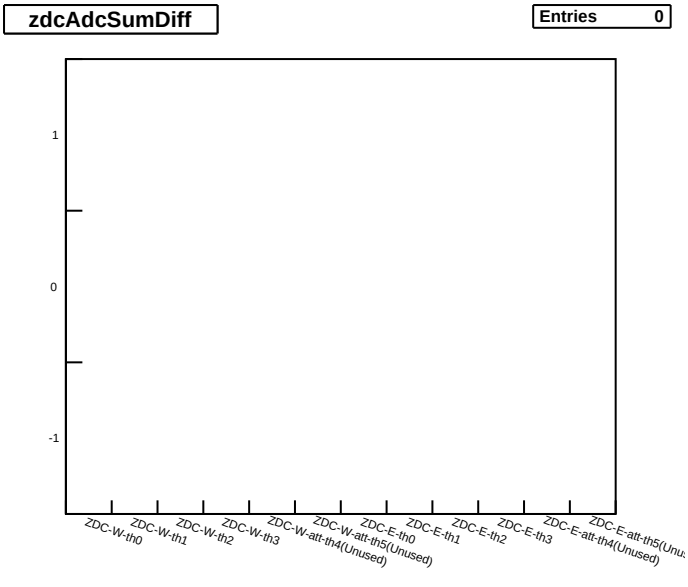

zdcEastTac
Entries 674986


zdcEastTacVsSimu
Entries 0
Data
Simu


zdcWestTac
Entries 674986


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 8099832
51794
6331
26
20
13
10
135480
7404
83
67
49
42
623192
668655
674960
674966
674973
674976
539506
667582
674903
674919
674937
674944
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
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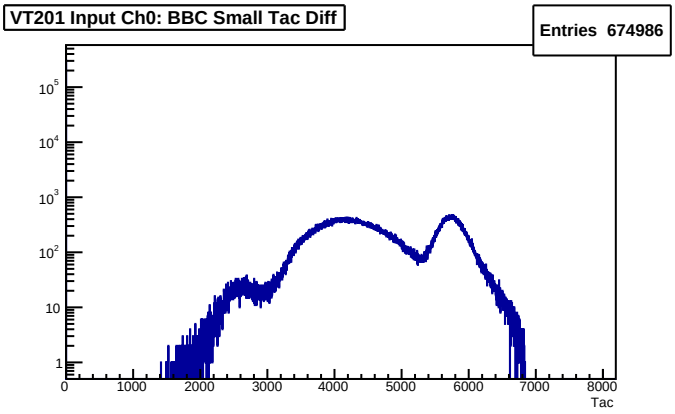
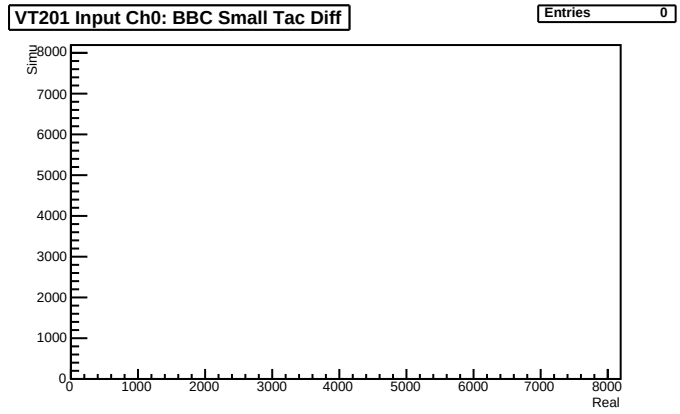
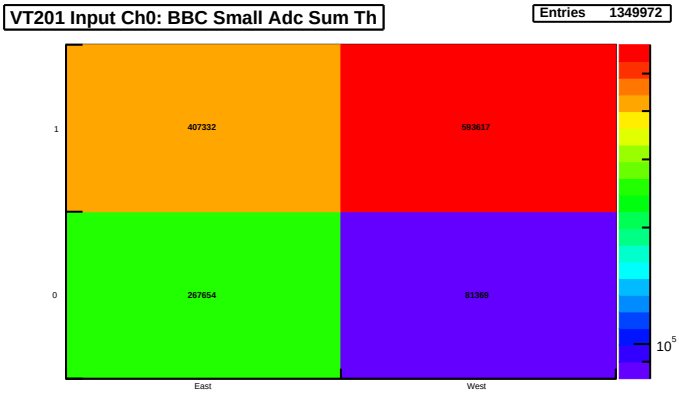
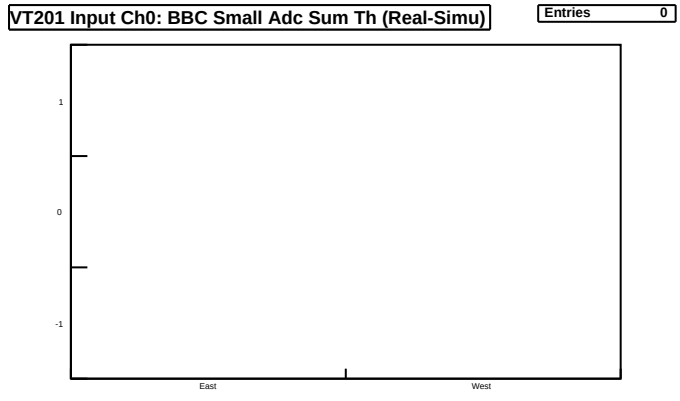
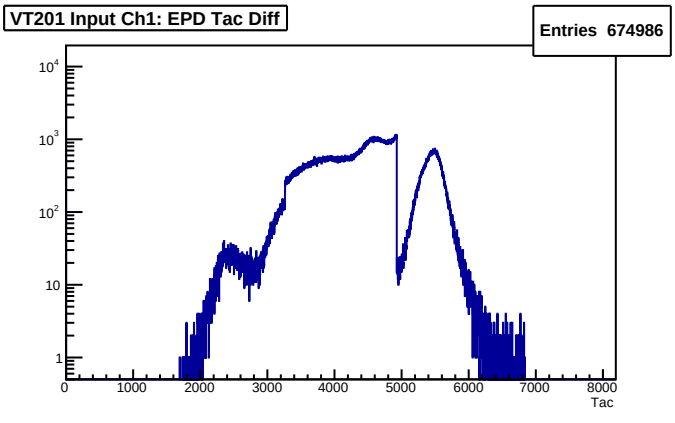
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

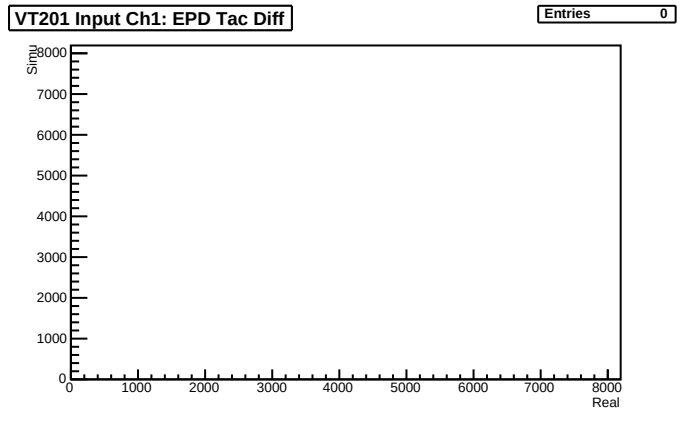

VT201 Input Ch0: BBC Small Tac Diff
Entries 674986
Tac

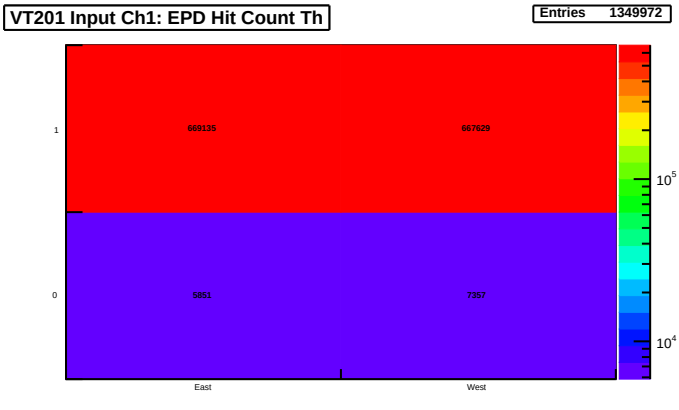

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

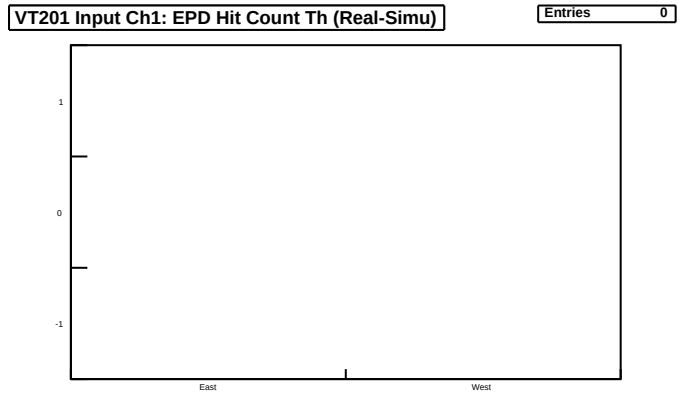

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1349972
407332
593617
267654
81369
East
West

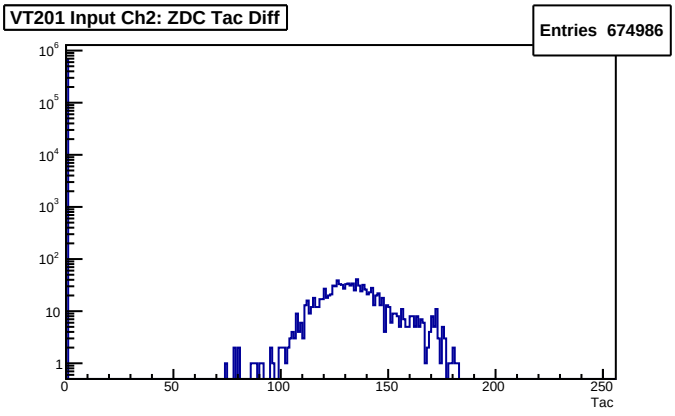

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

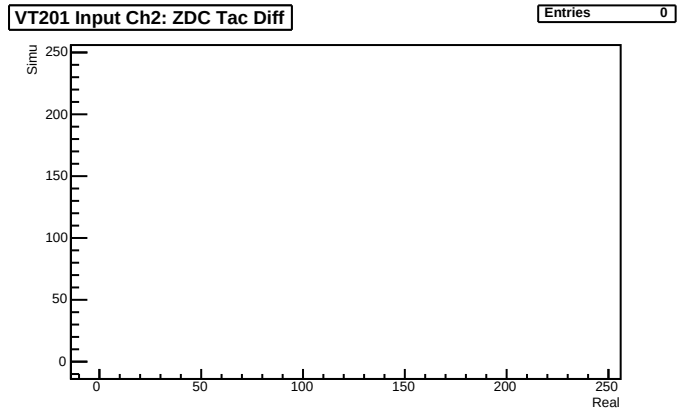

VT201 Input Ch1: EPD Tac Diff
Entries 674986
Tac

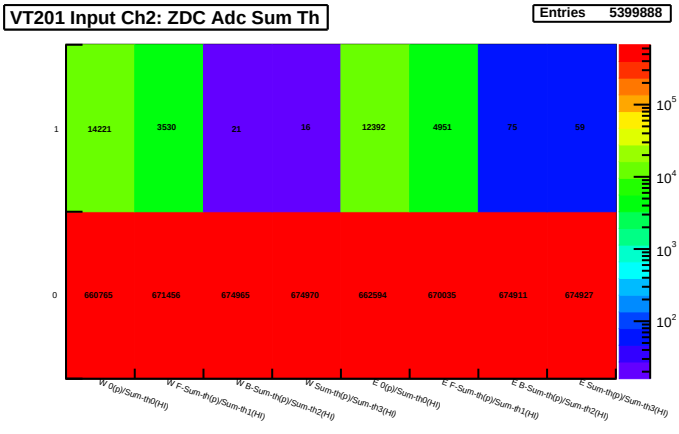

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

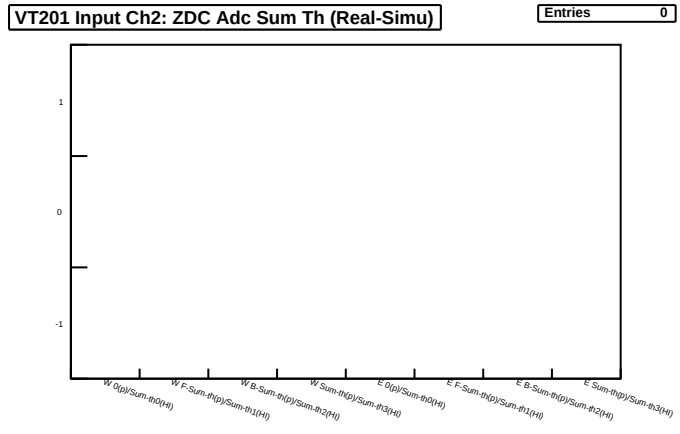

VT201 Input Ch1: EPD Hit Count Th
Entries 1349972
669135
667629
5851
7357
East
West

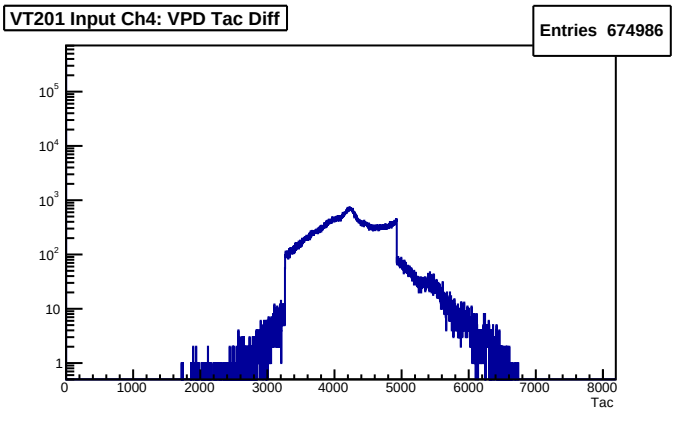

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

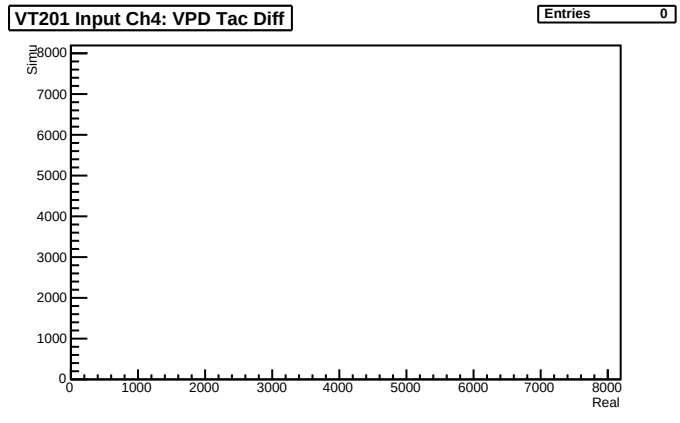

VT201 Input Ch2: ZDC Tac Diff
Entries 674986
Tac

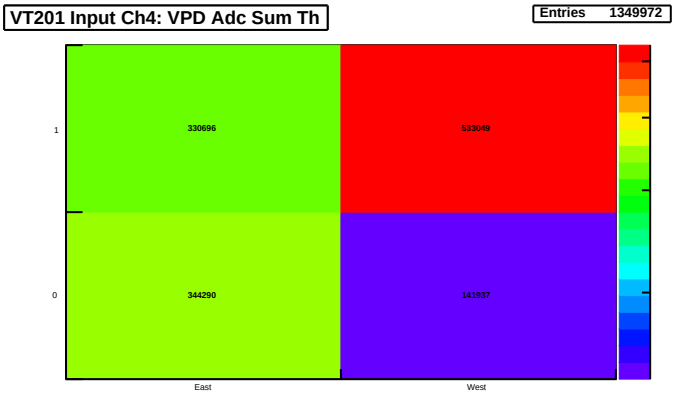

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

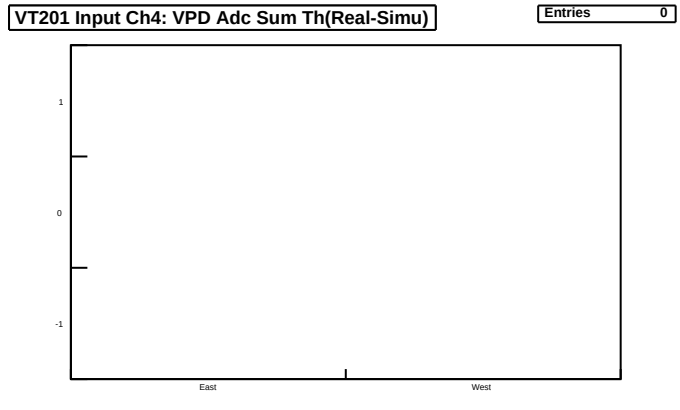

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5399888
14221
3530
21
16
12392
4951
75
59
660765
671456
674965
674970
662594
670035
674911
674927
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

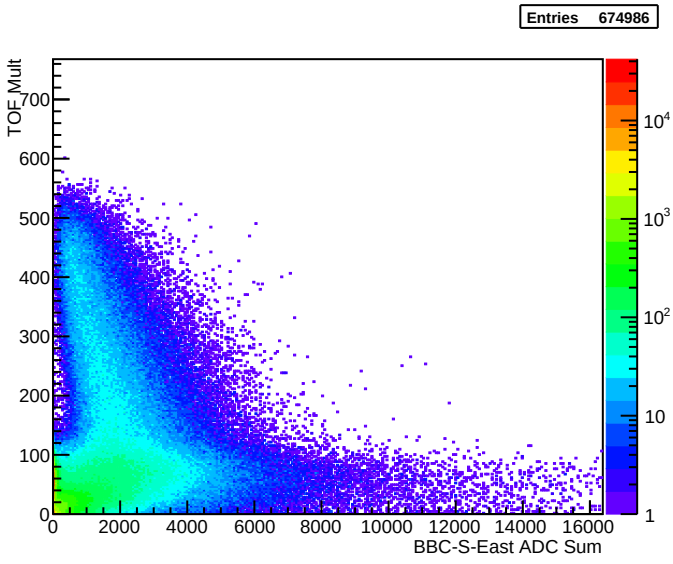

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

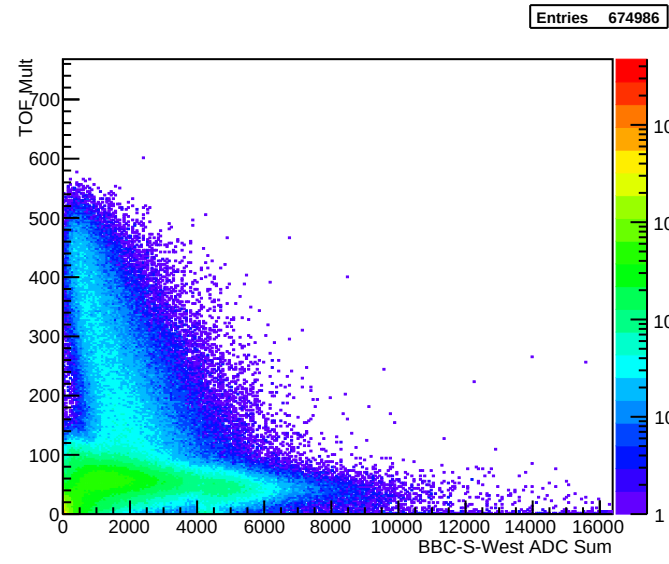

VT201 Input Ch4: VPD Tac Diff
Entries 674986
Tac

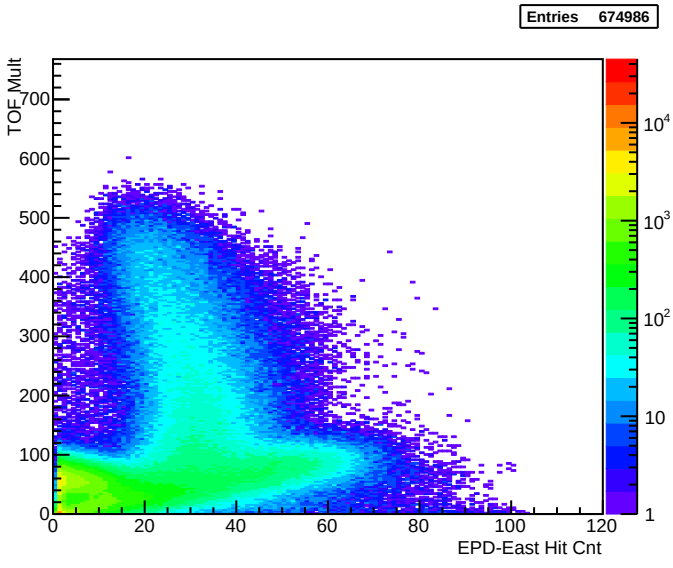

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

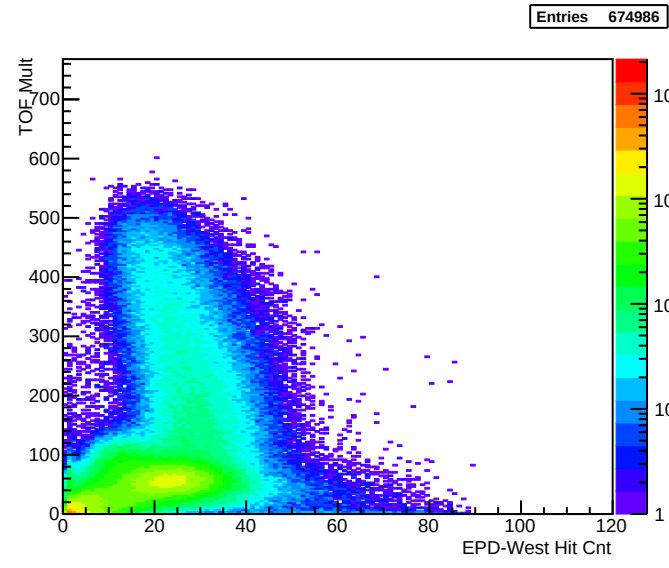

VT201 Input Ch4: VPD Adc Sum Th
Entries 1349972
330696
533049
344290
141937
East
West

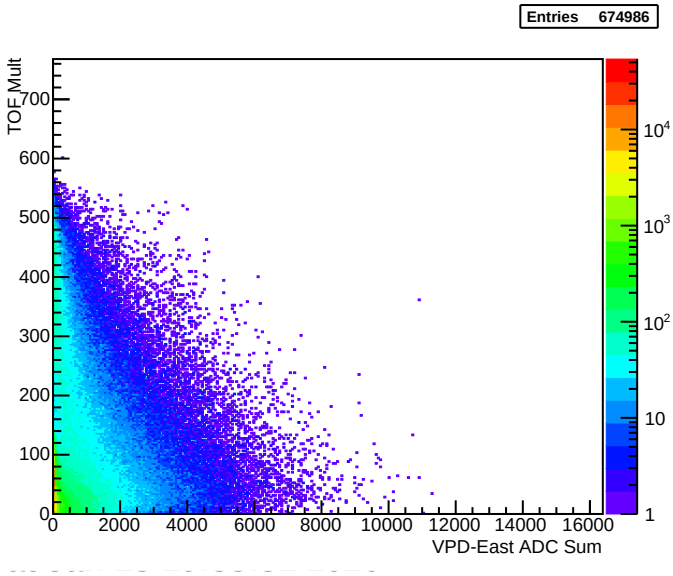

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

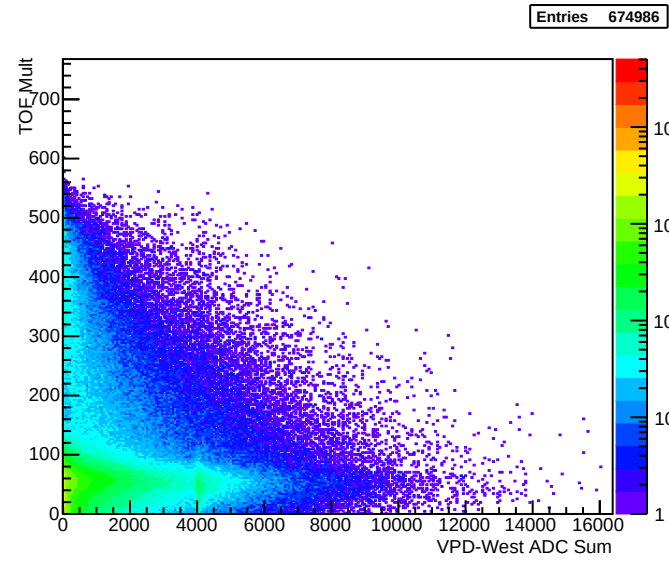

Entries 674986
TOF_Mult
BBC-S-East ADC Sum

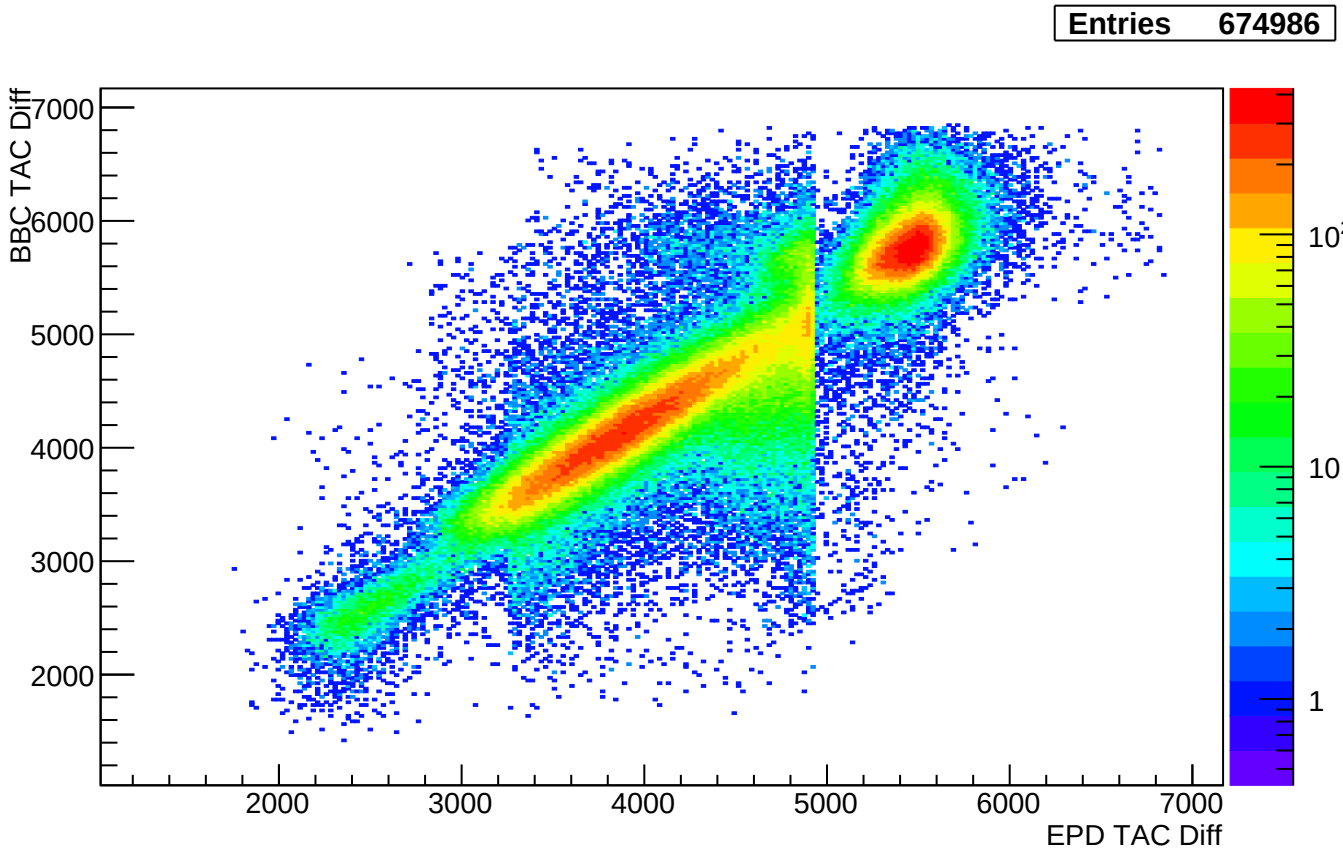

Entries 674986
TOF_Mult
BBC-S-West ADC Sum

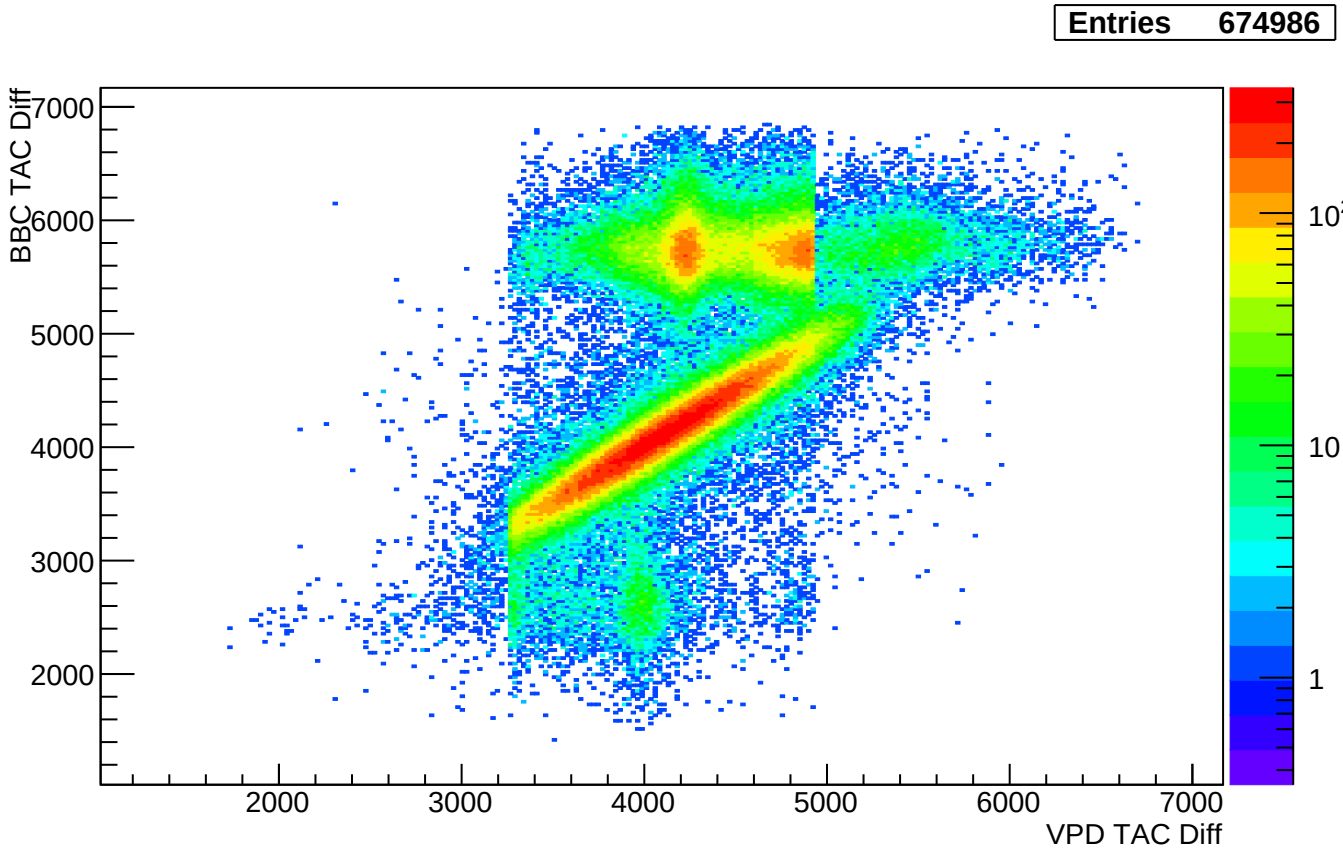

Entries 674986
TOF_Mult
EPD-East Hit Cnt

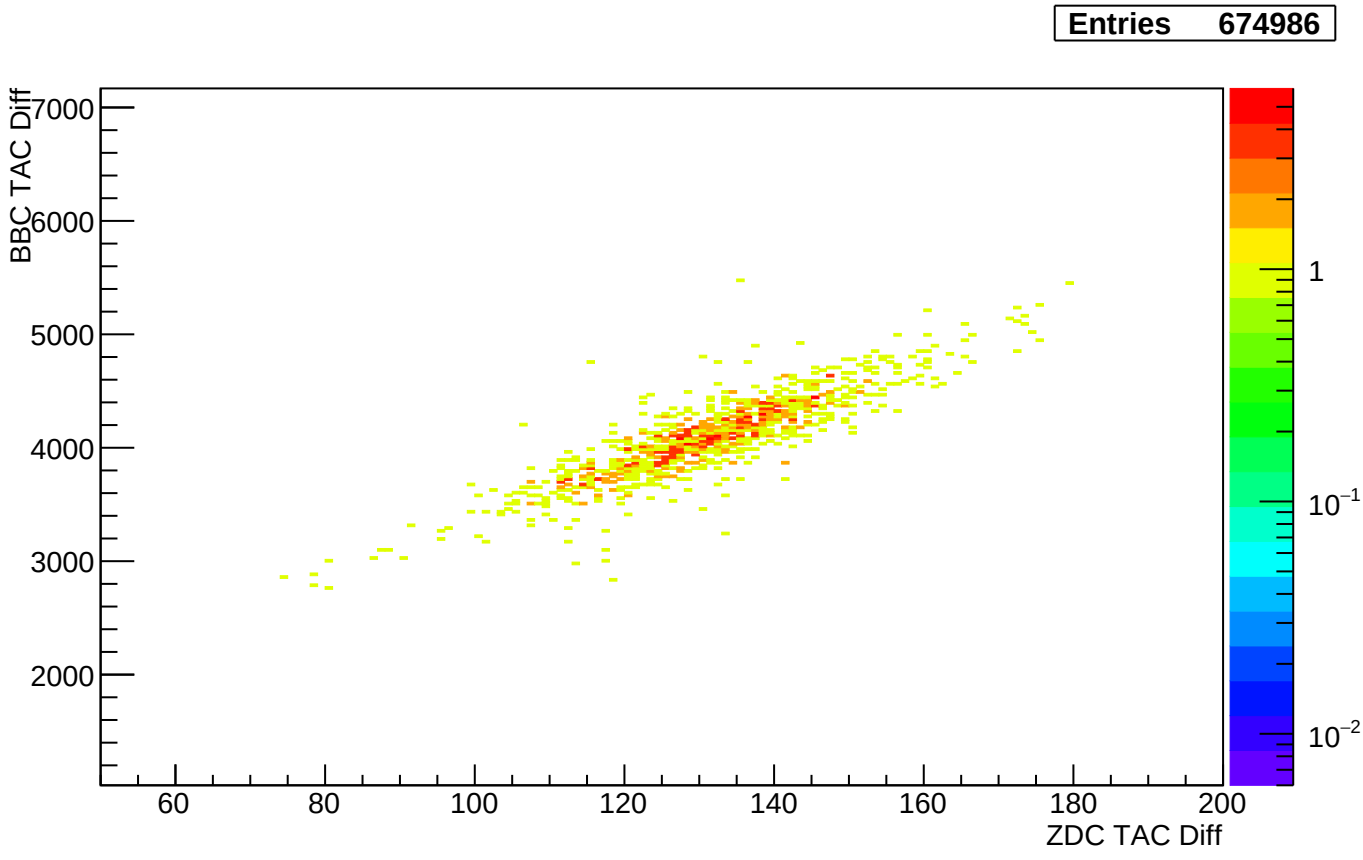

Entries 674986
TOF_Mult
EPD-West Hit Cnt

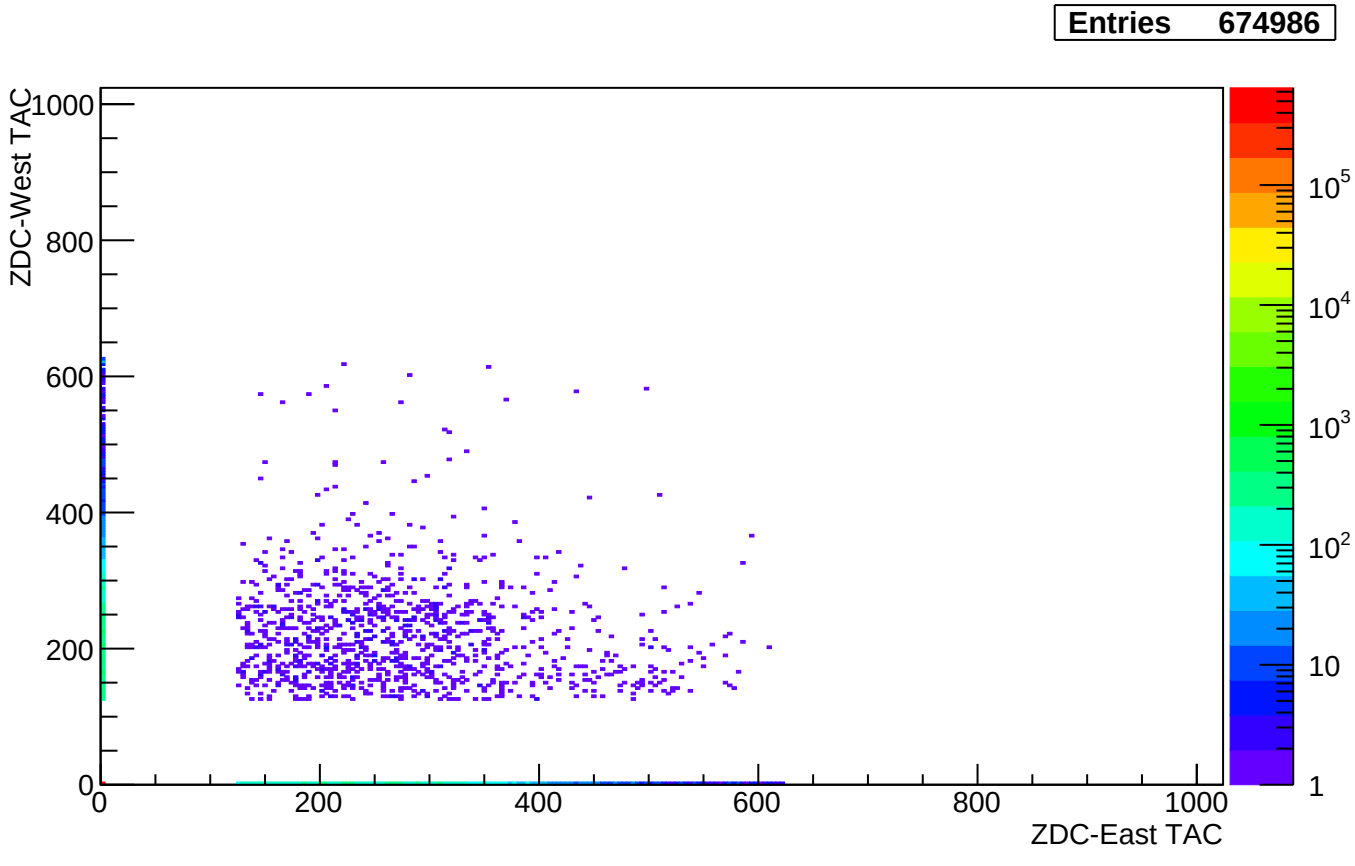

Entries 674986
TOF_Mult
VPD-East ADC Sum

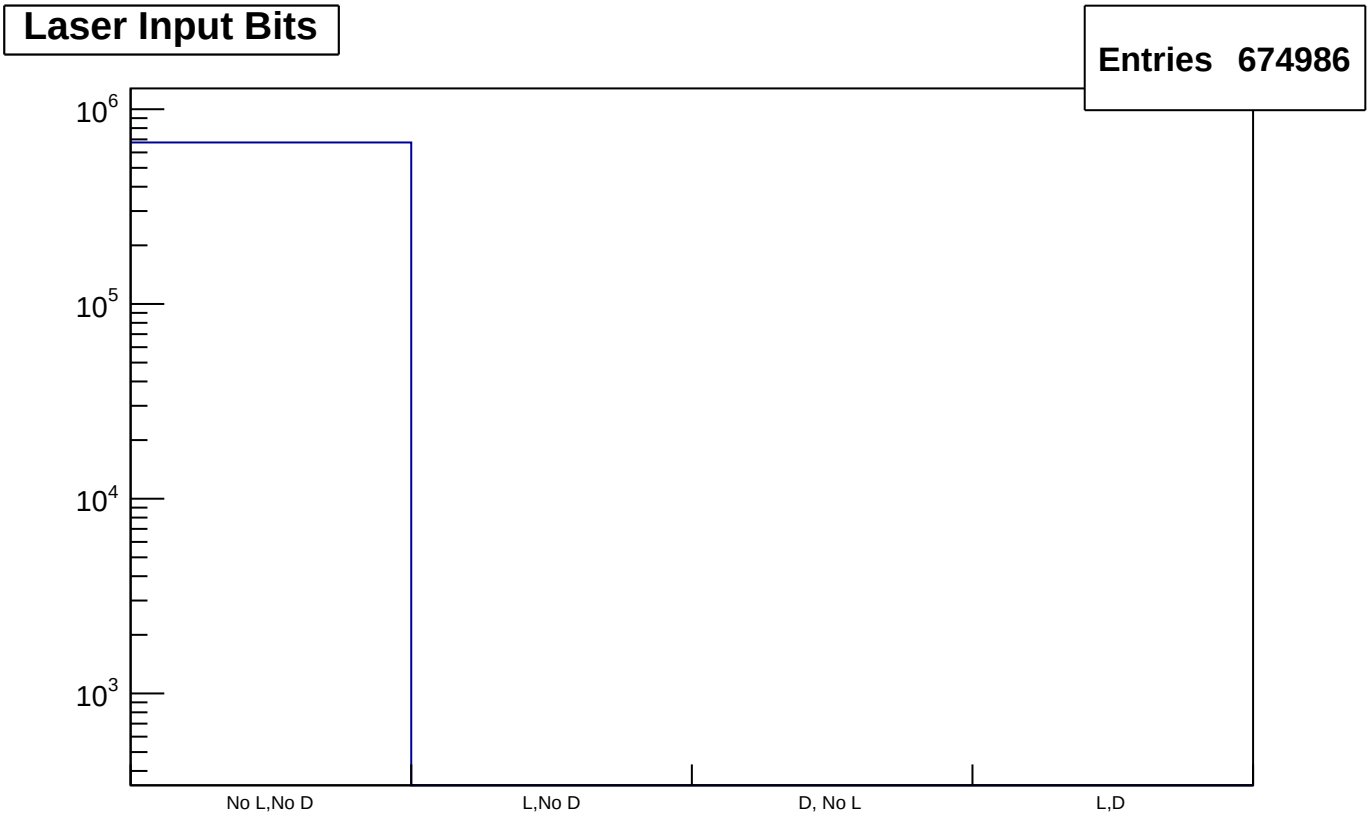

Entries 674986
TOF_Mult
VPD-West ADC Sum

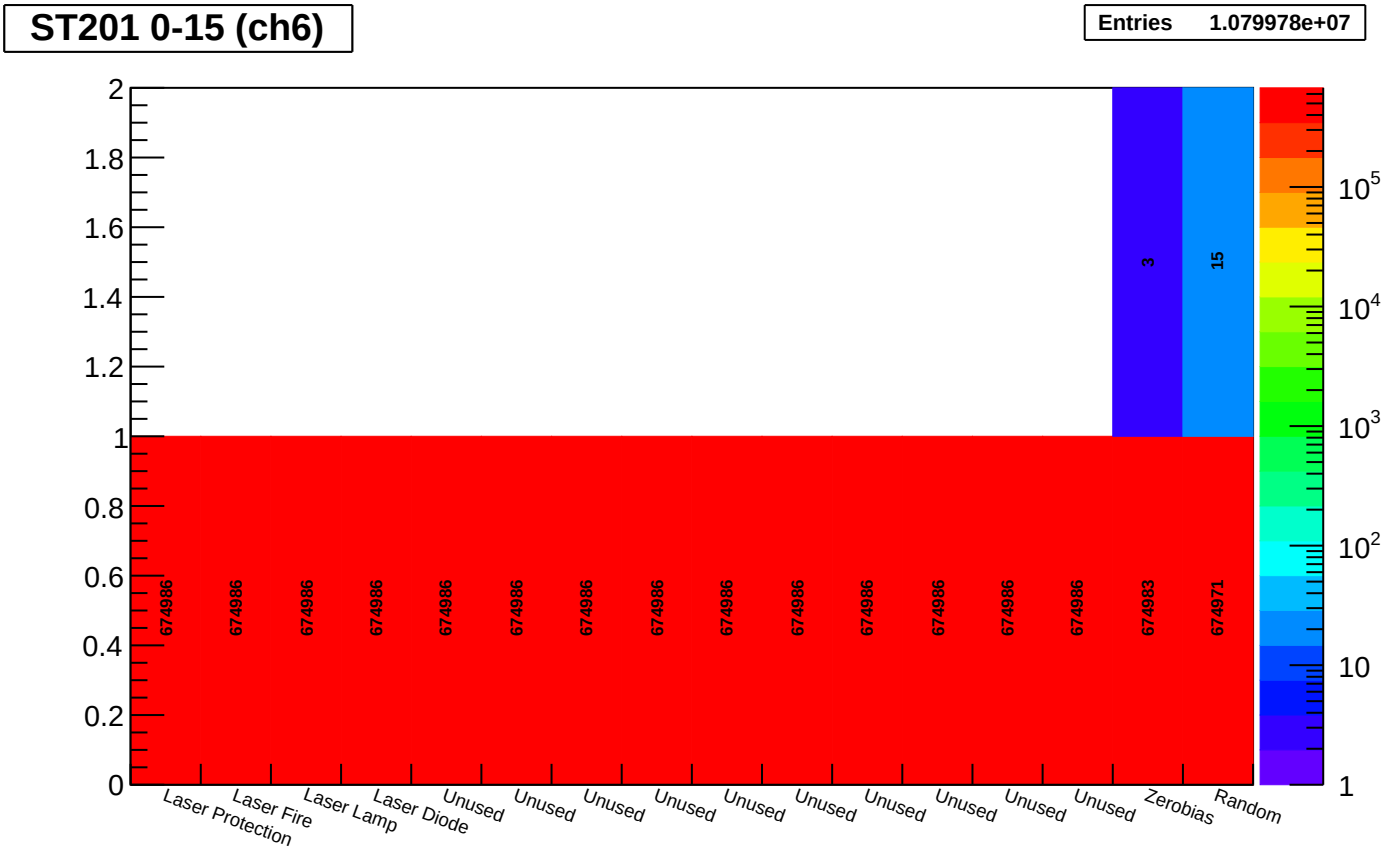

Entries 674986
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

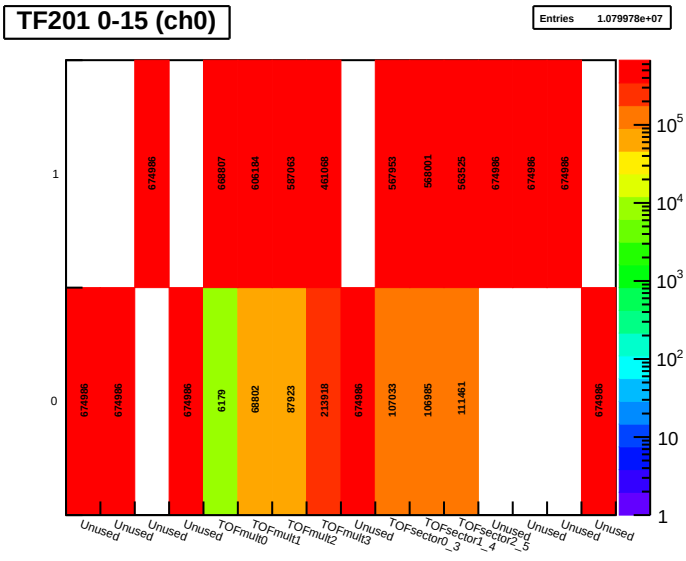

Entries 674986
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

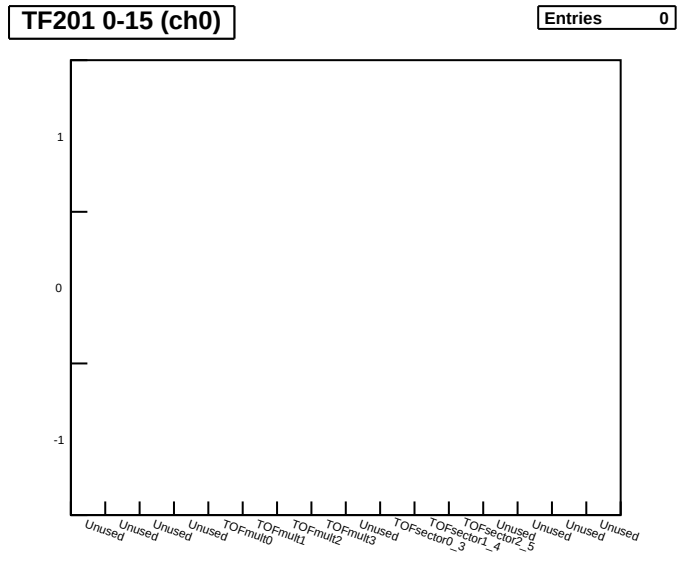

Entries 674986
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

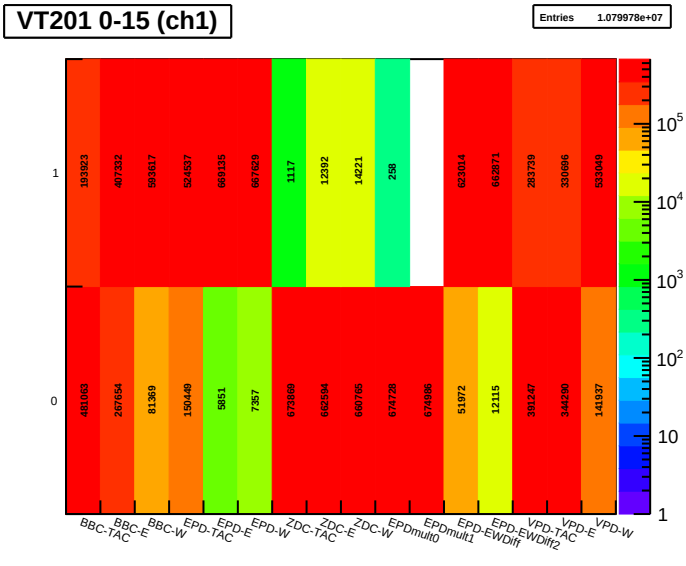

Entries 674986
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

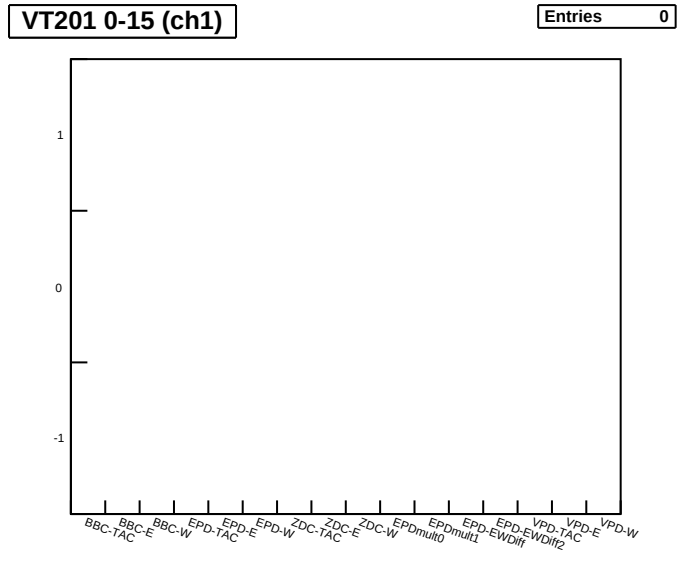

Laser Input Bits
Entries 674986
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

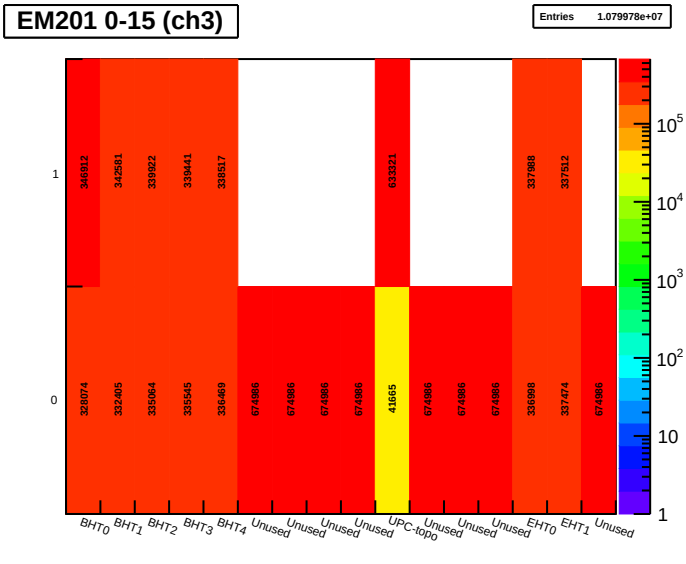

ST201 0-15 (ch6)
Entries 1.079978e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
674986
674986
674986
674986
674986
674986
674986
674986
674986
674986
674986
674986
674986
674986
674983
674971
3
15
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

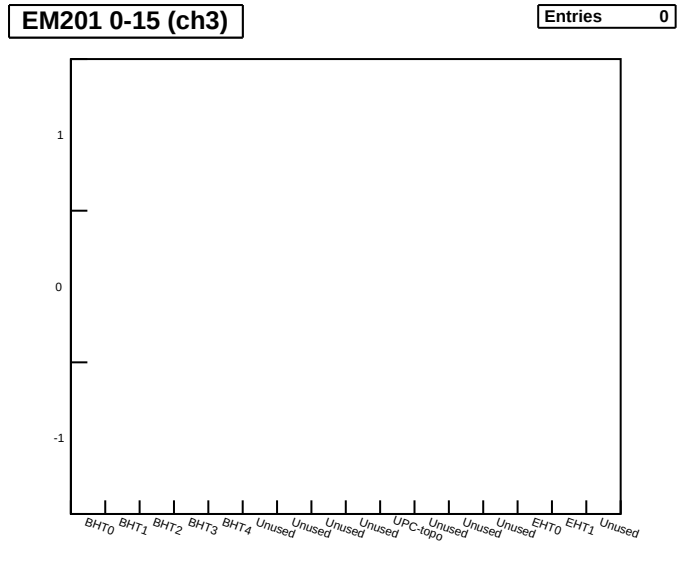

TF201 0-15 (ch0)
Entries 1.079978e+07
674986 674986 674986 674986 674986 674986 674986 674986 674986 674986 674986 674986 674986 674986 674986 674986
6179 68802 87923 213918 107033 106985 111461
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


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


VT201 0-15 (ch1)
Entries 1.079978e+07
193923 407332 593617 524537 669135 667629 1117 12392 14221 258 623014 662871 283739 330696 533049
481063 267654 81369 150449 5651 7357 673869 662594 660765 674728 674986 51972 12115 391247 344290 141937
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


VT201 0-15 (ch1)
Entries 0
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 1.079978e+07
346912 342581 339922 339441 338517 633321 337988 337512
328074 332405 335064 335545 336469 674986 674986 674986 674986 41655 674986 674986 674986 336998 337474 674986
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused


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