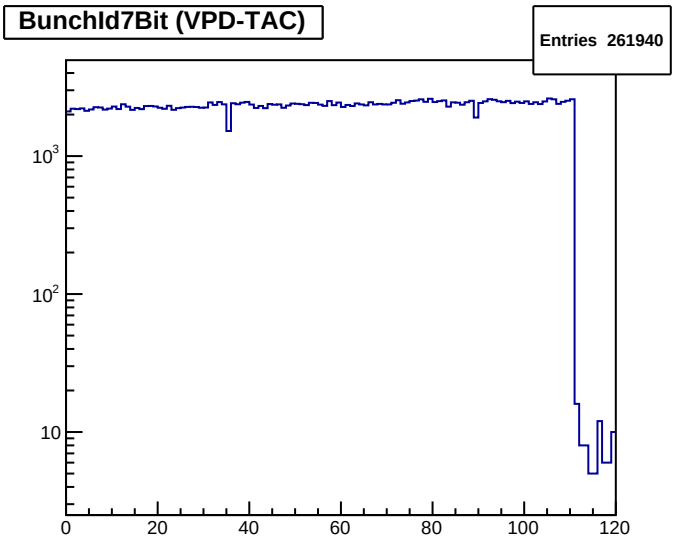
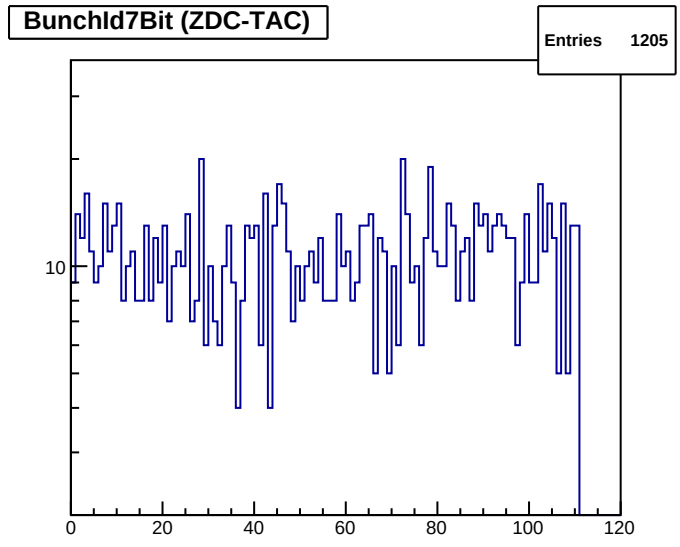
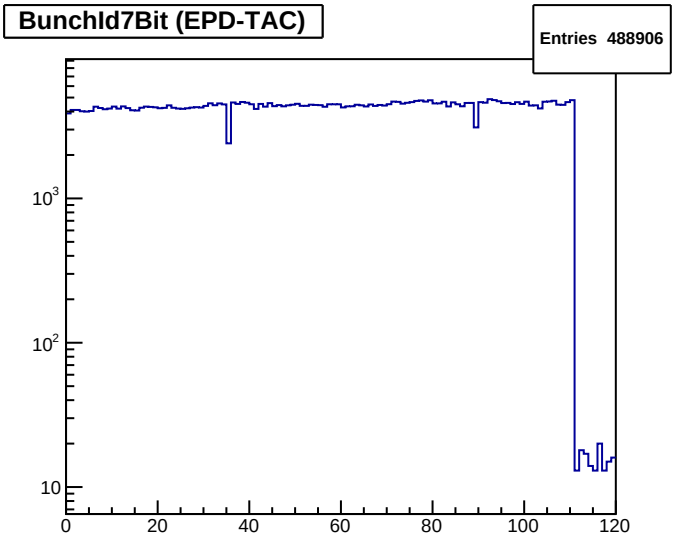
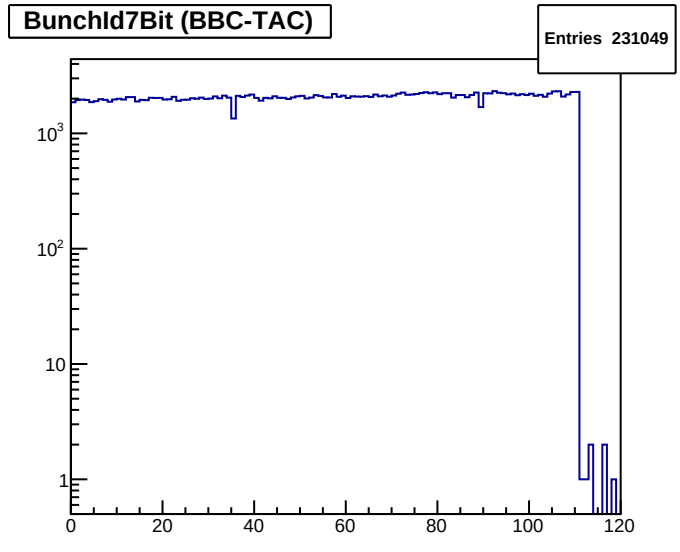
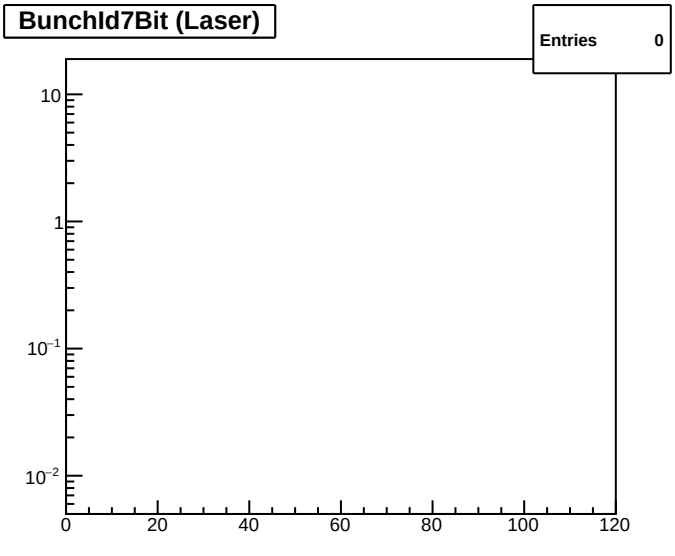
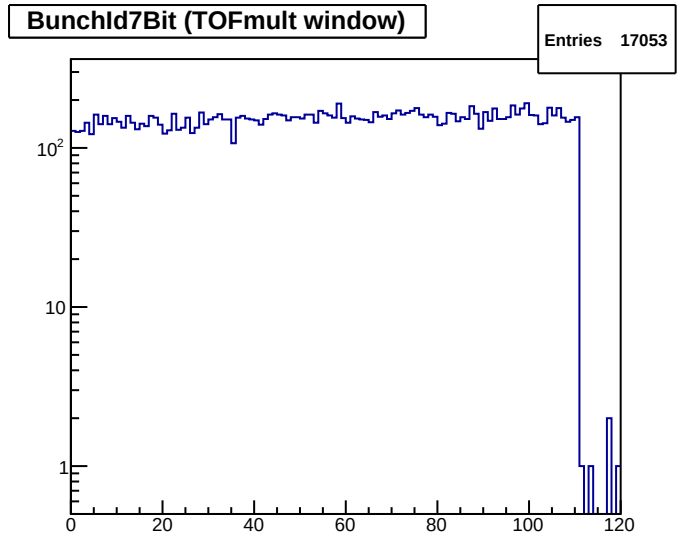

BunchId7Bit (VPD-TAC)
Entries 261940

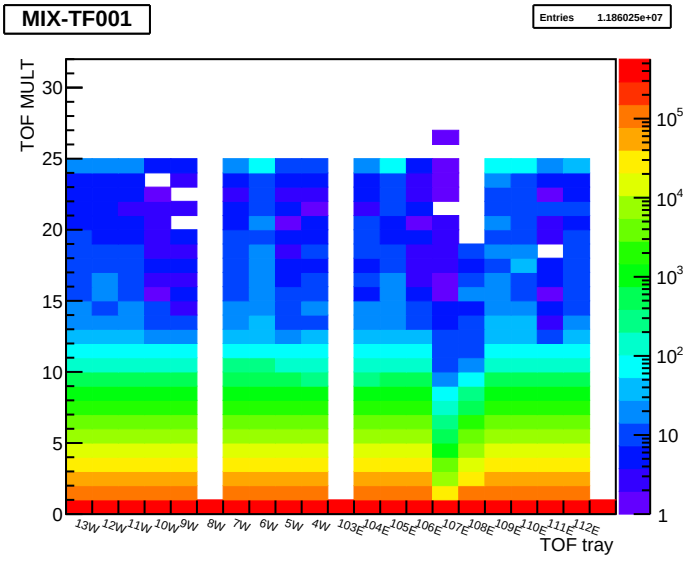

BunchId7Bit (ZDC-TAC)
Entries 1205

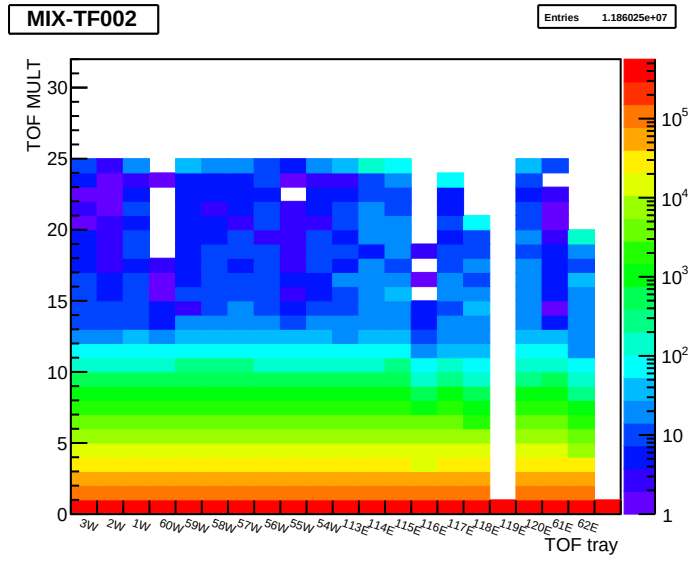

BunchId7Bit (EPD-TAC)
Entries 488906

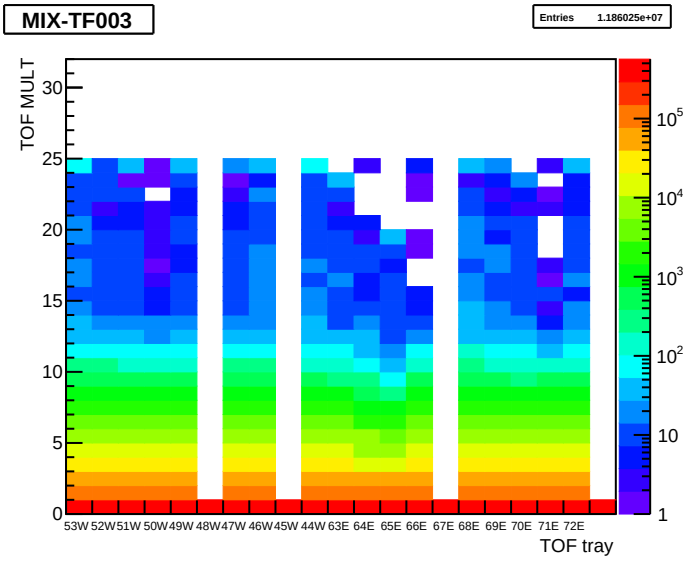

BunchId7Bit (BBC-TAC)
Entries 231049

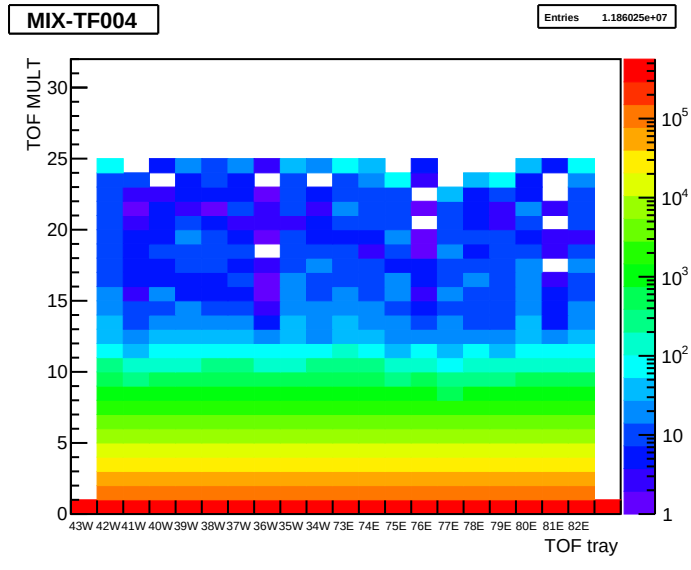

BunchId7Bit (Laser)
Entries 0

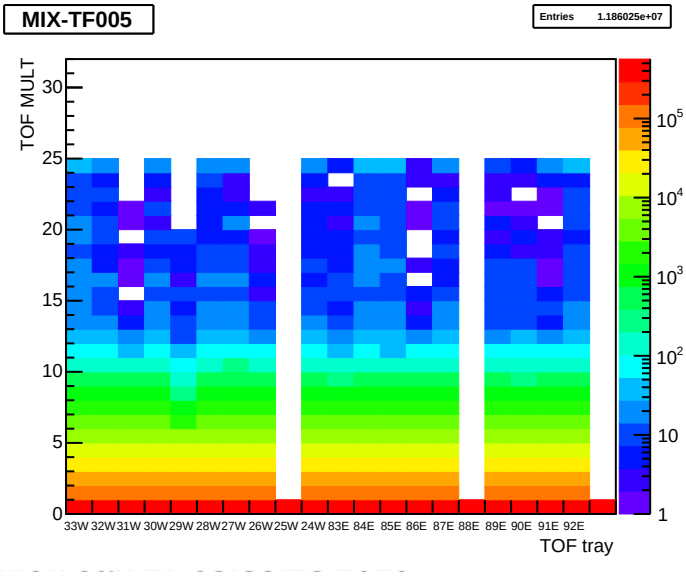

BunchId7Bit (TOFmult window)
Entries 17053

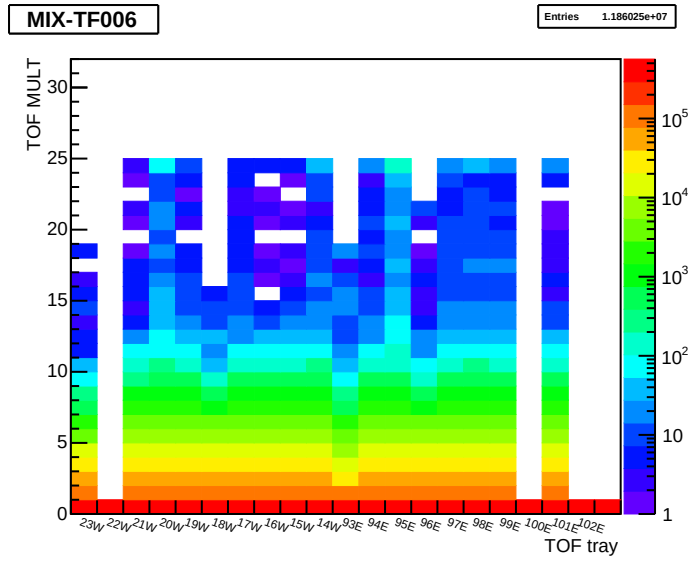

MIX-TF001
Entries 1.186025e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

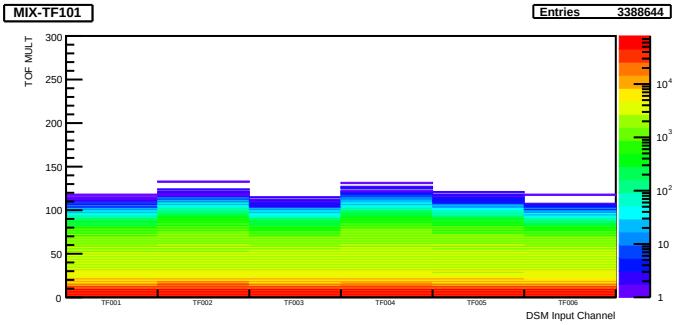

MIX-TF002
Entries 1.186025e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

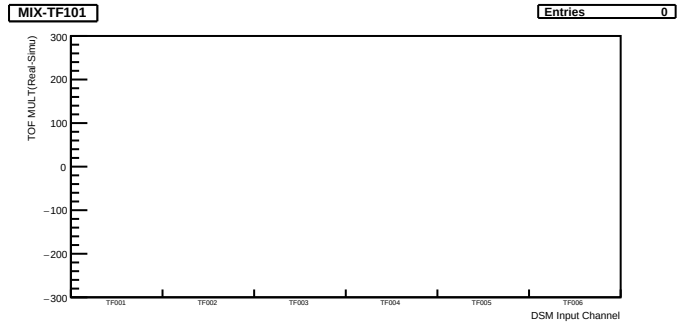

MIX-TF003
Entries 1.186025e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

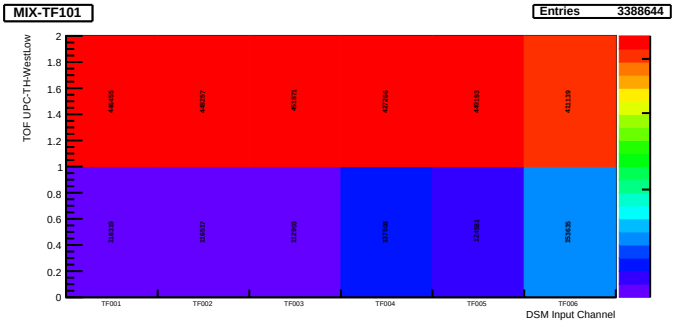

MIX-TF004
Entries 1.186025e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

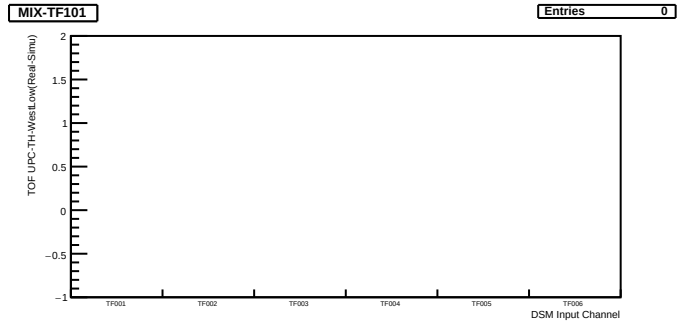

MIX-TF005
Entries 1.186025e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

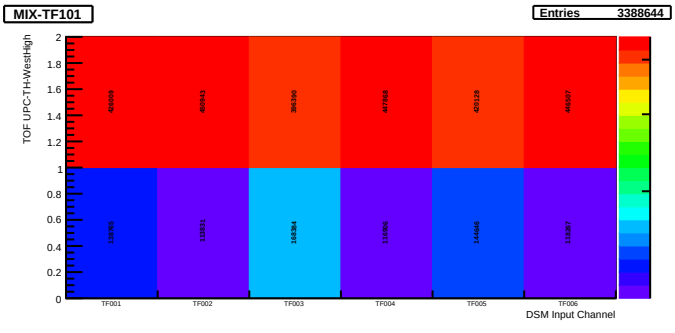

MIX-TF006
Entries 1.186025e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

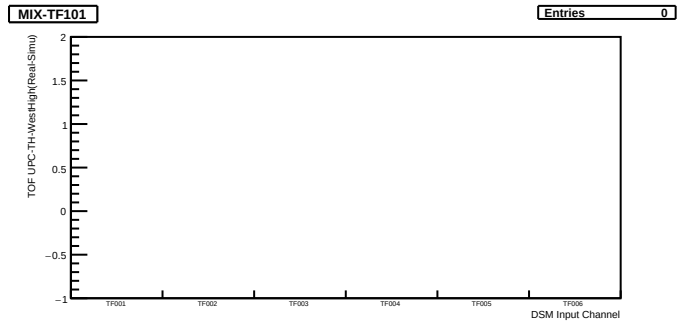

MIX-TF101
Entries 3388644
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

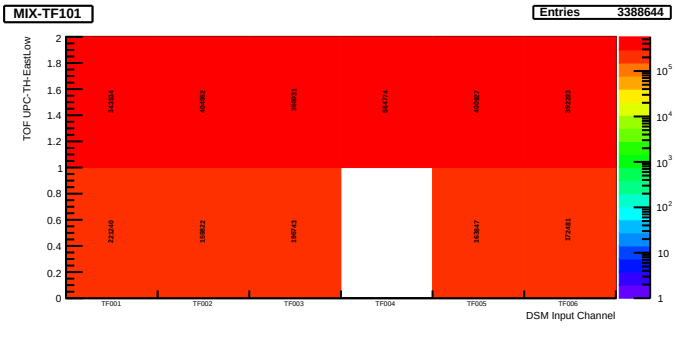

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

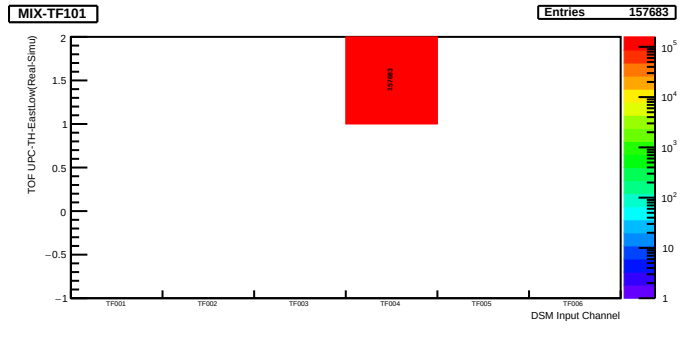

MIX-TF101
Entries 3388644
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

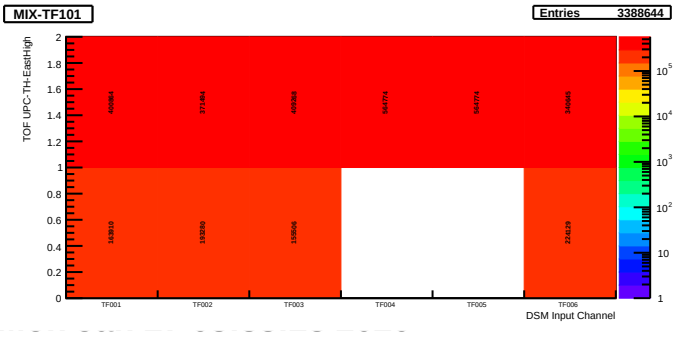

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

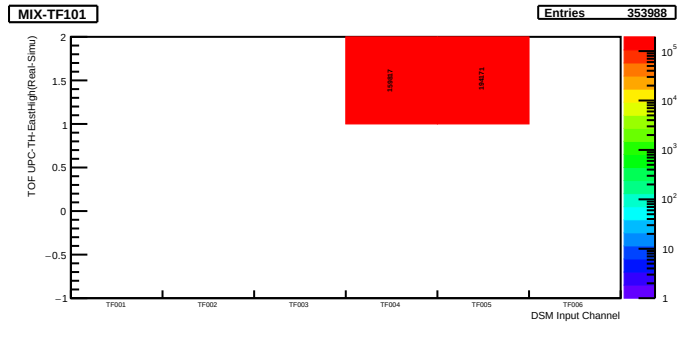

MIX-TF101
Entries 3388644
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

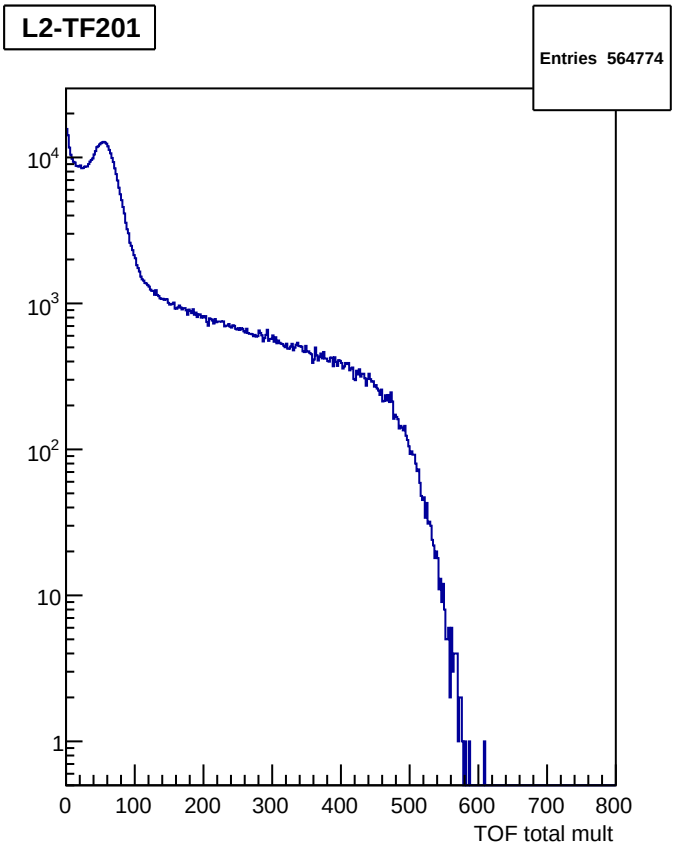

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

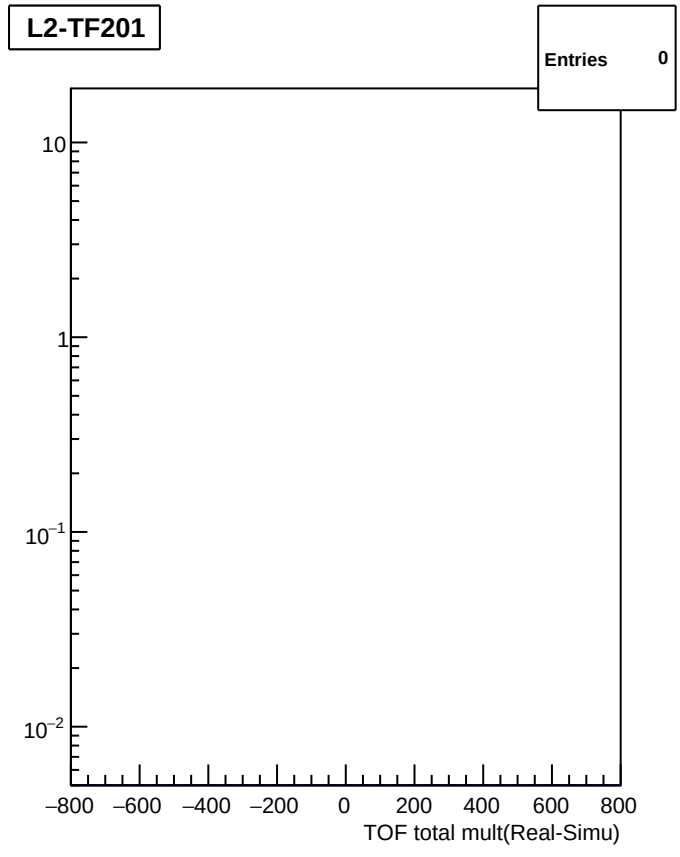

MIX-TF101
Entries 3388644
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

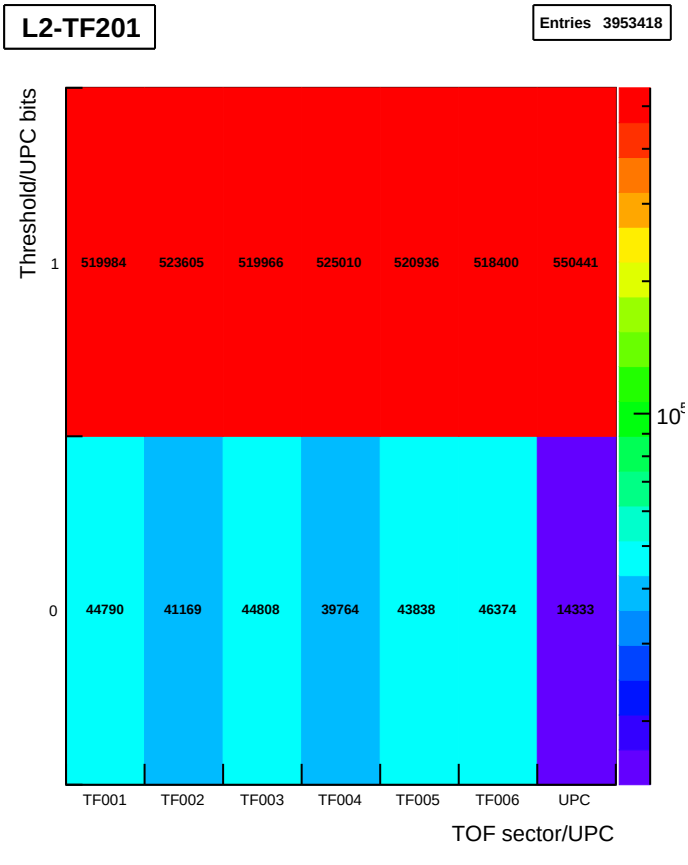

MIX-TF101
Entries 157683
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

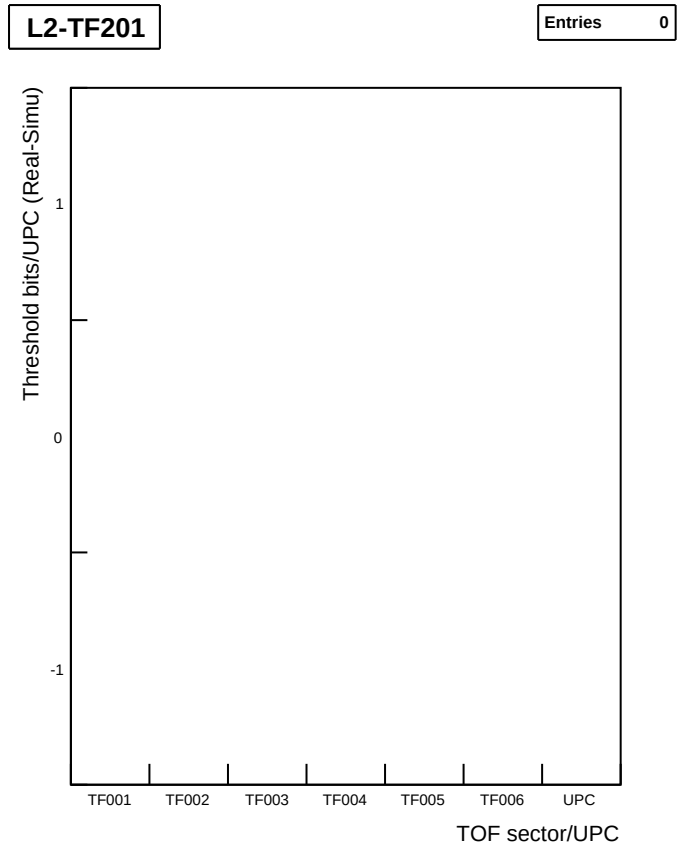

MIX-TF101
Entries 3388644
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

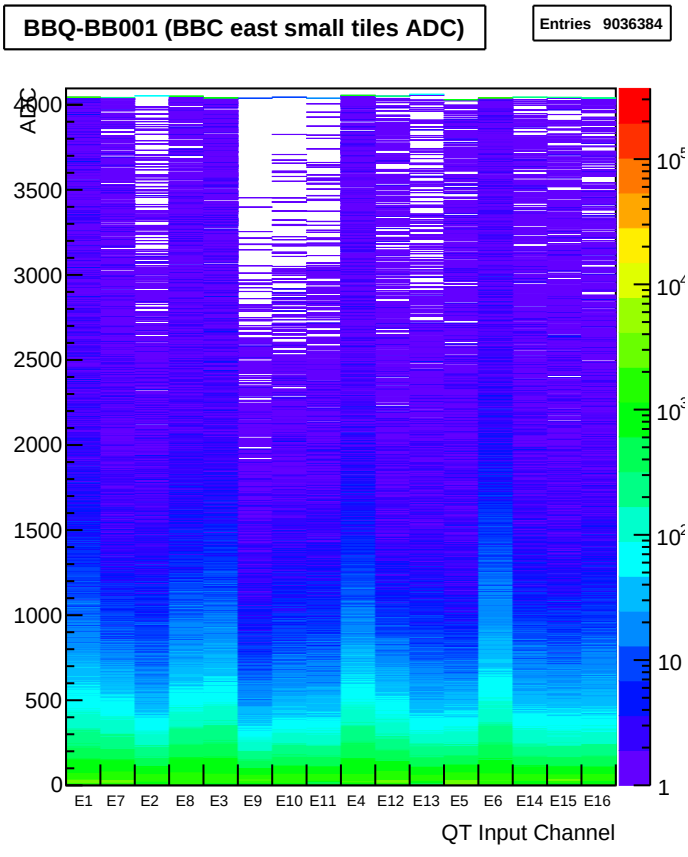

MIX-TF101
Entries 353988
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

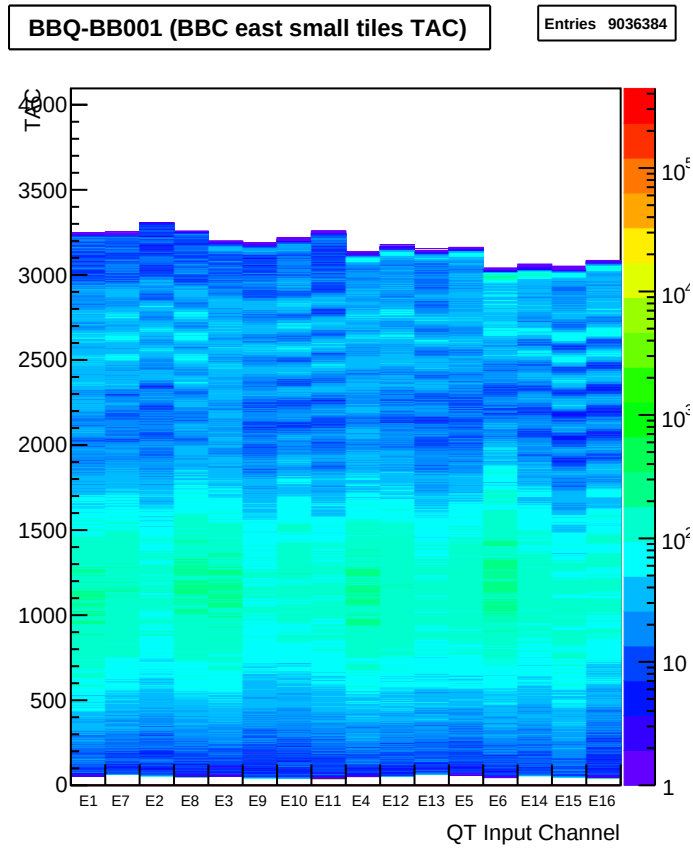

L2-TF201
Entries 564774
TOF total mult

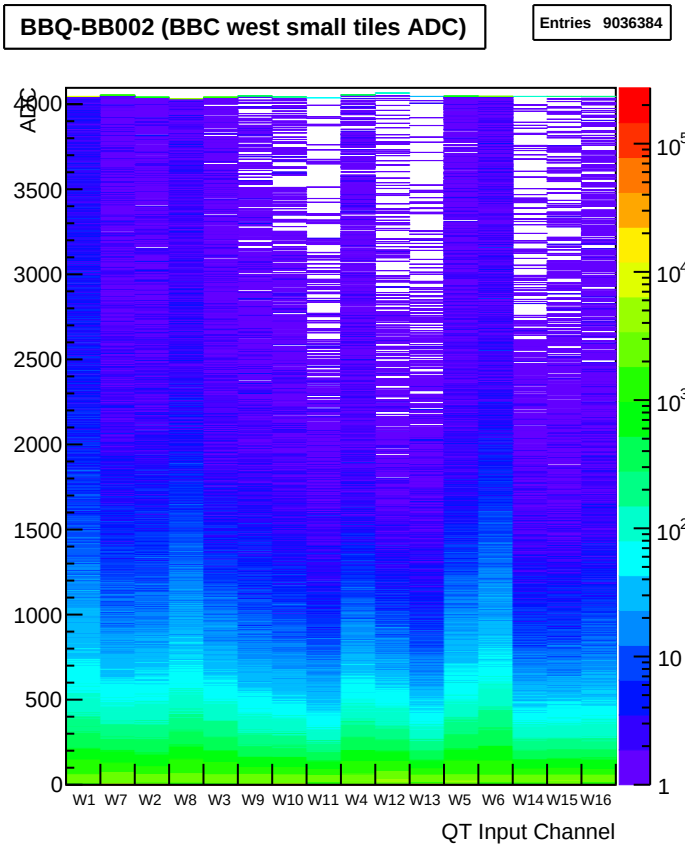

L2-TF201
Entries 0
TOF total mult(Real-Simu)

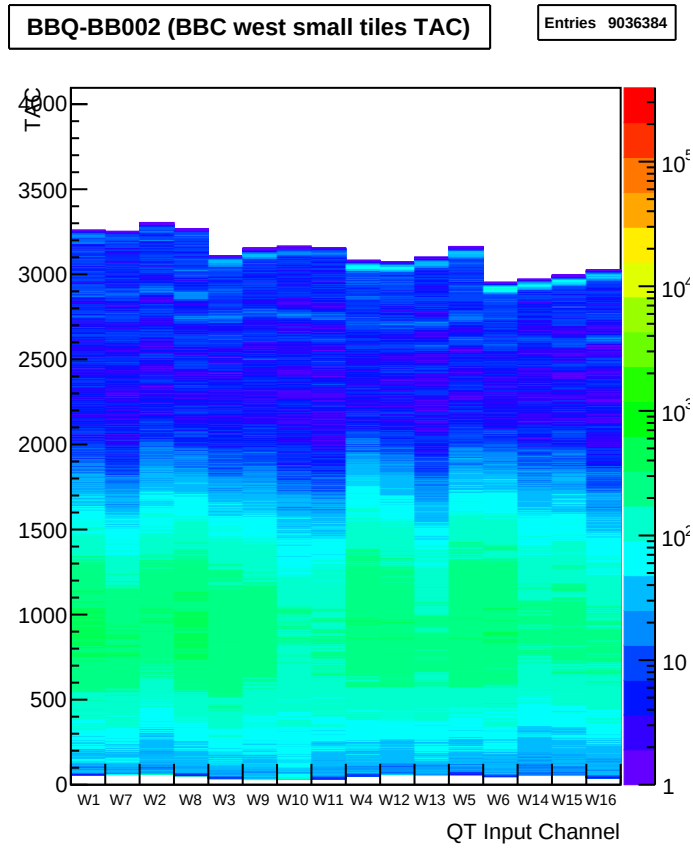

L2-TF201
Entries 3953418
Threshold/UPC bits
519984
523605
519966
525010
520936
518400
550441
44790
41169
44808
39764
43838
46374
14333
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

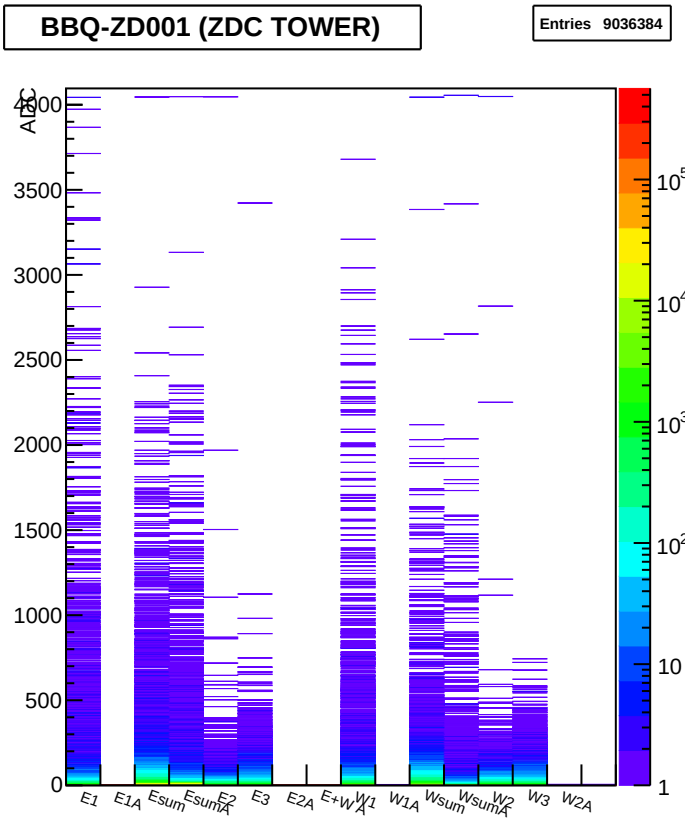

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

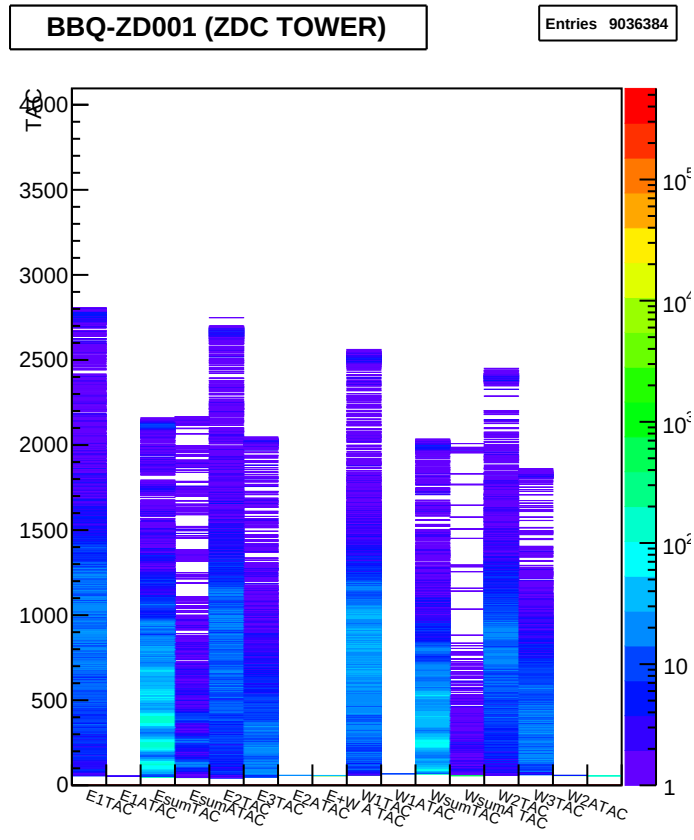

BBQ-BB001 (BBC east small tiles ADC)
Entries 9036384
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

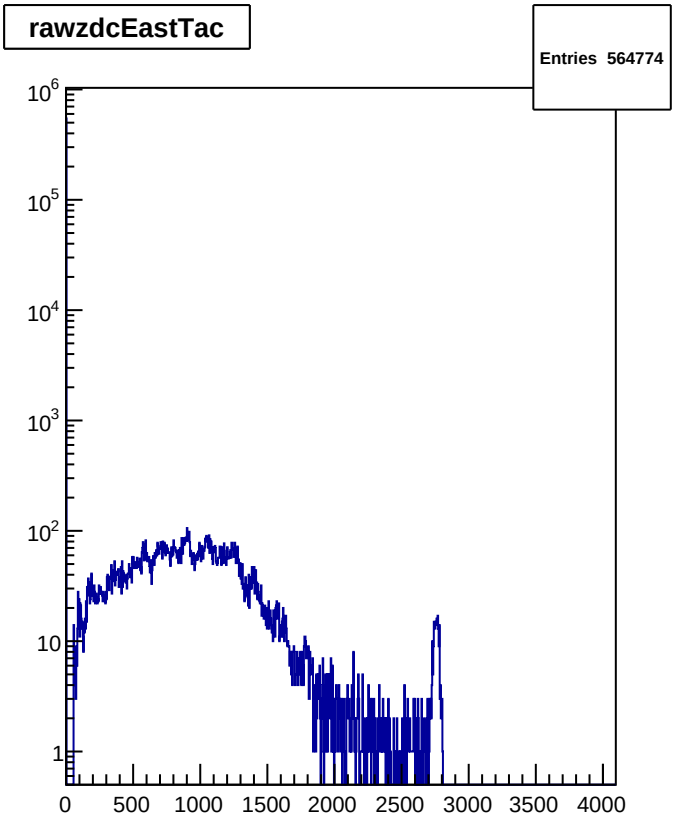

BBQ-BB001 (BBC east small tiles TAC)
Entries 9036384
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

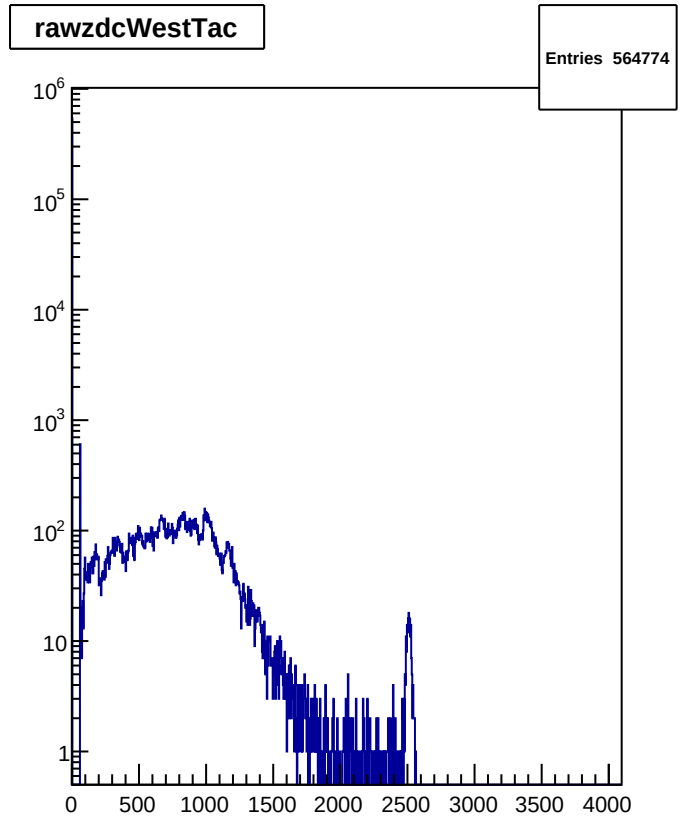

BBQ-BB002 (BBC west small tiles ADC)
Entries 9036384
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

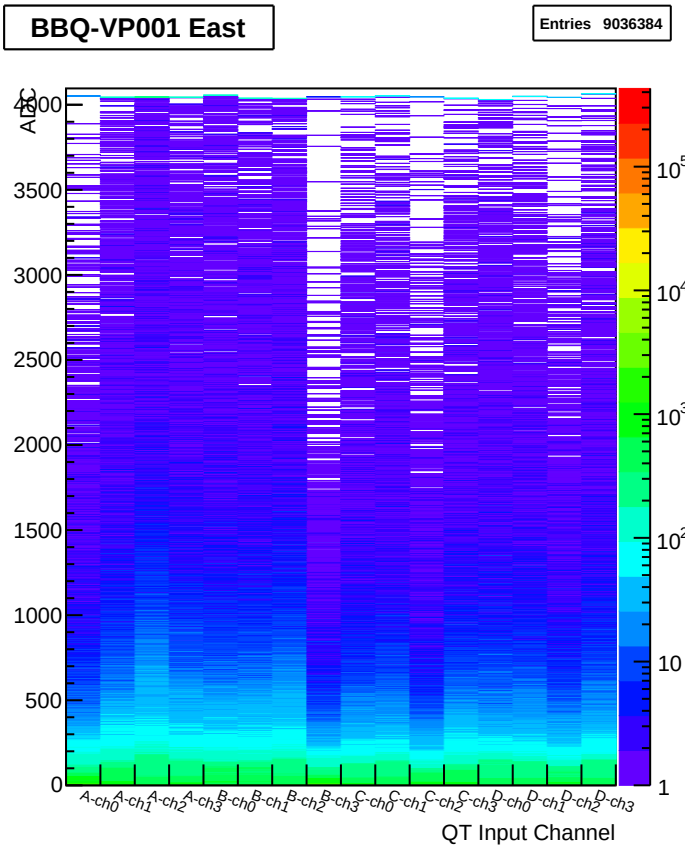

BBQ-BB002 (BBC west small tiles TAC)
Entries 9036384
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

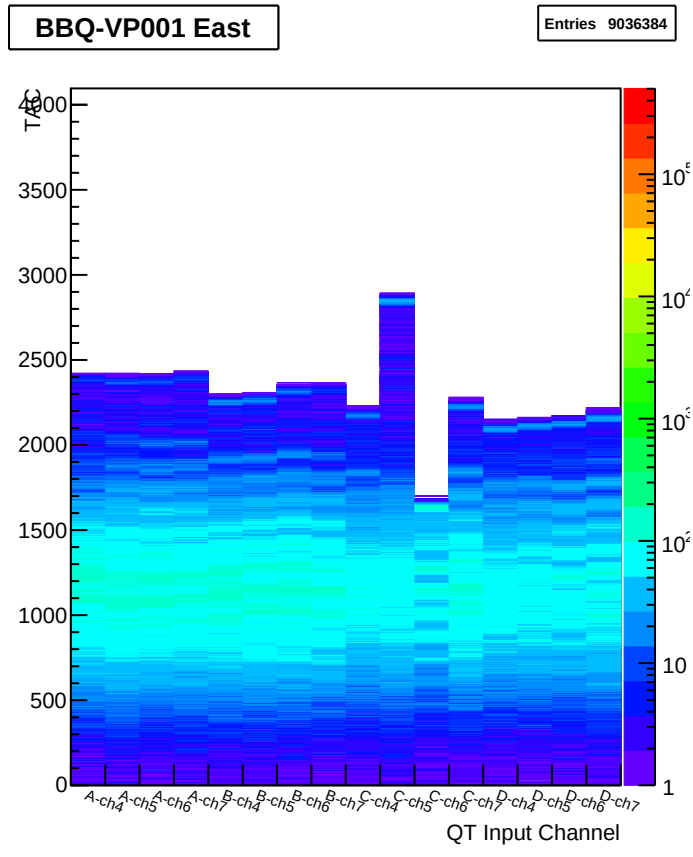

BBQ-ZD001 (ZDC TOWER)
Entries 9036384
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1A
Wsum
WsumA
W2
W3
W2A

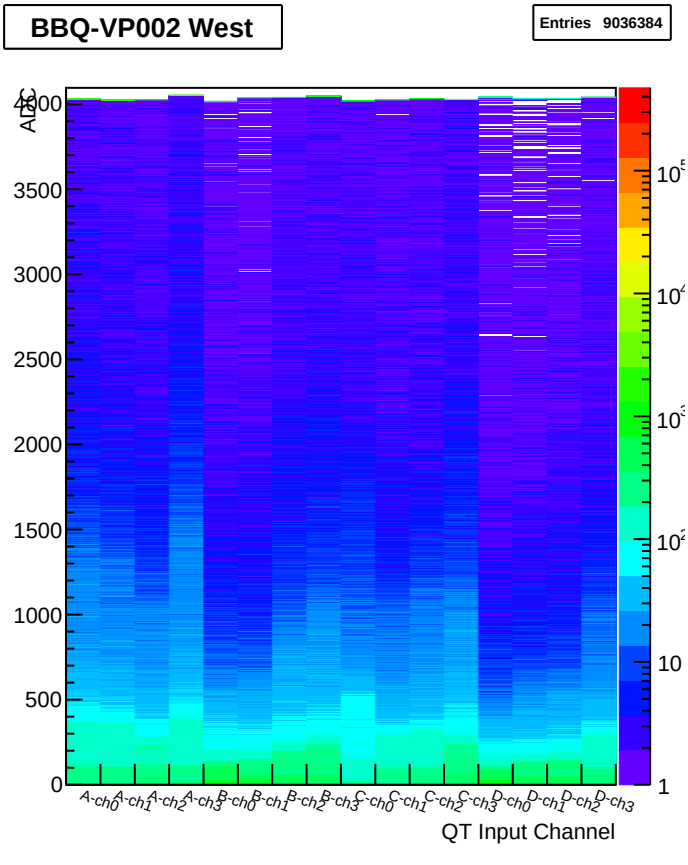

BBQ-ZD001 (ZDC TOWER)
Entries 9036384
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

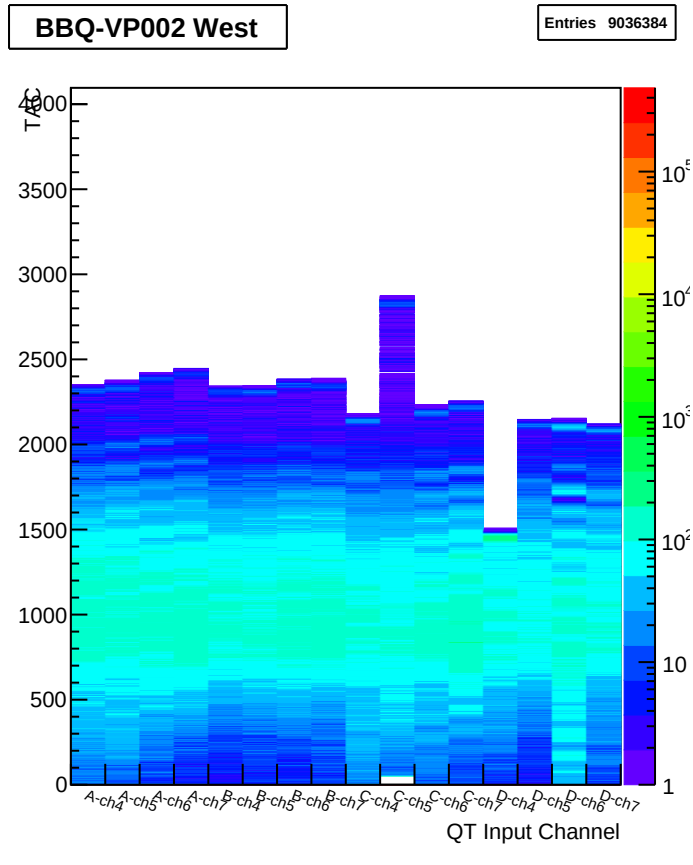

rawzdcEastTac
Entries 564774

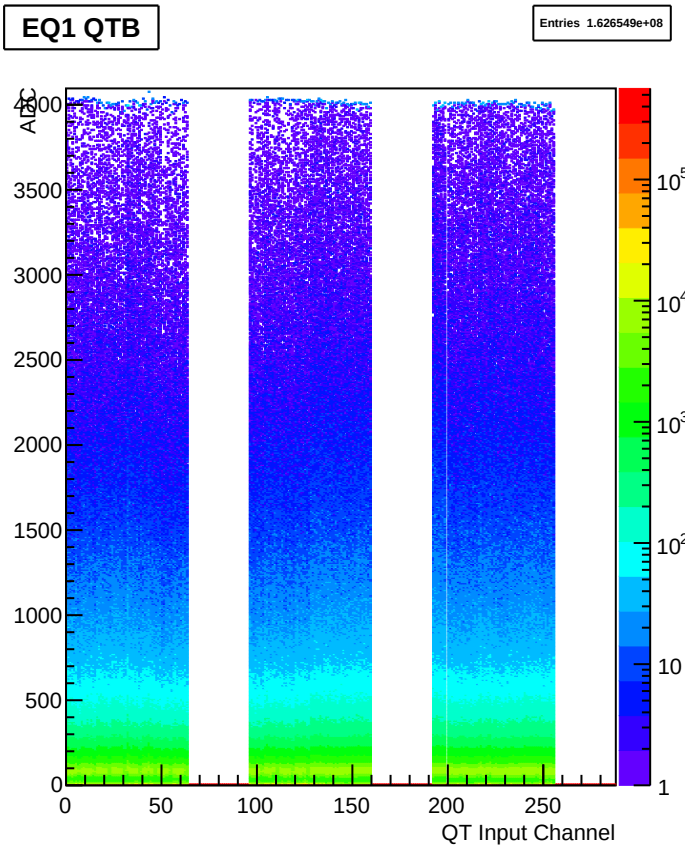

rawzdcWestTac
Entries 564774

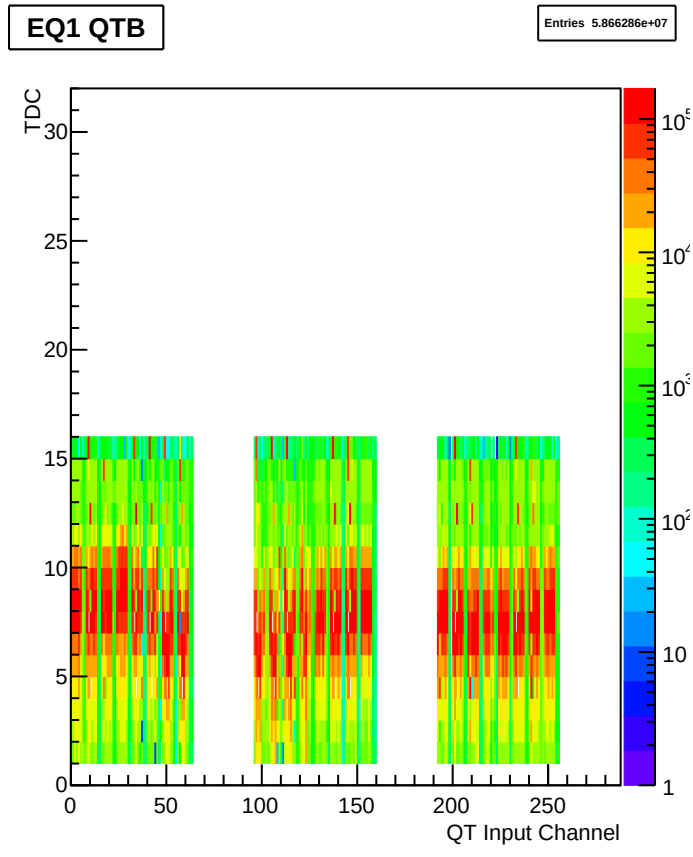

BBQ-VP001 East
Entries 9036384
ADC
QT Input Channel

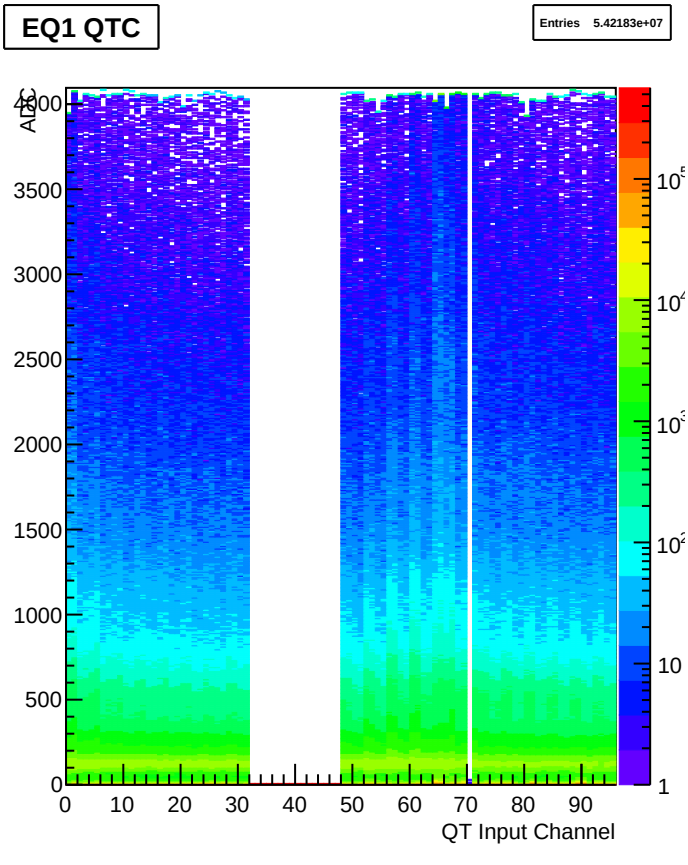

BBQ-VP001 East
Entries 9036384
TADC
QT Input Channel

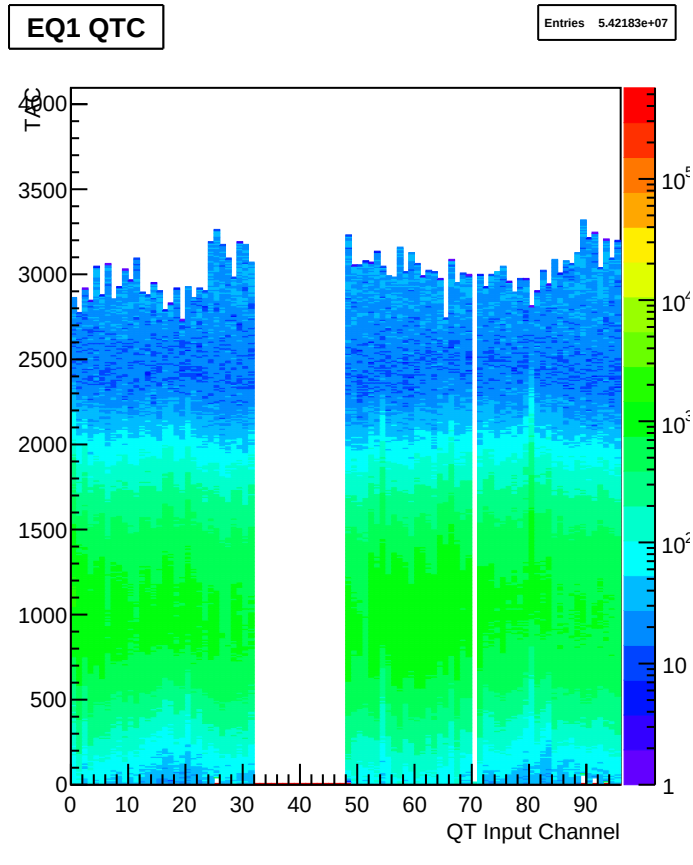

BBQ-VP002 West
Entries 9036384
ADC
QT Input Channel

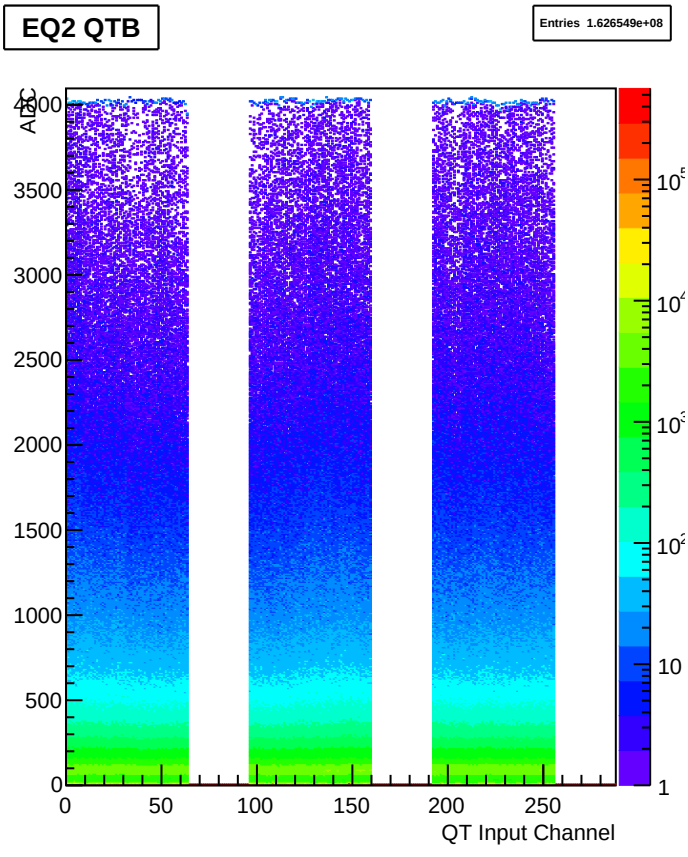

BBQ-VP002 West
Entries 9036384
TADC
QT Input Channel

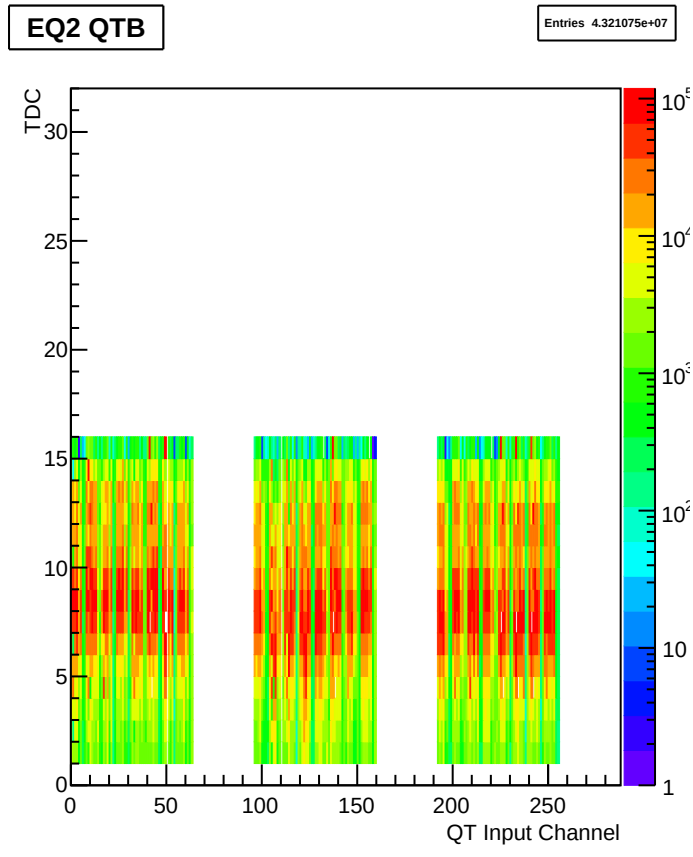

EQ1 QTB
Entries 1.626549e+08
ADC
QT Input Channel

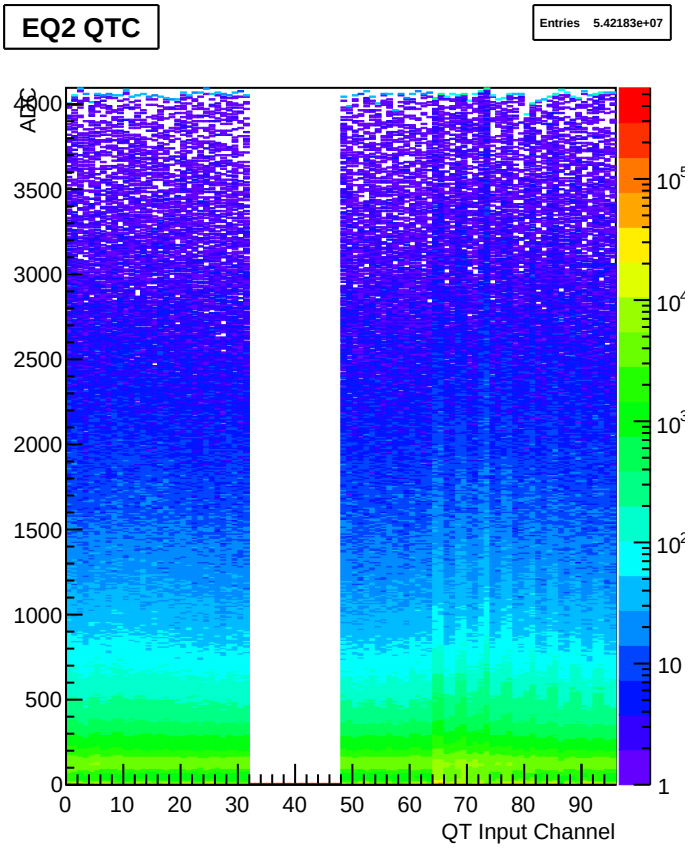

EQ1 QTB
Entries 5.866286e+07
TDC
QT Input Channel

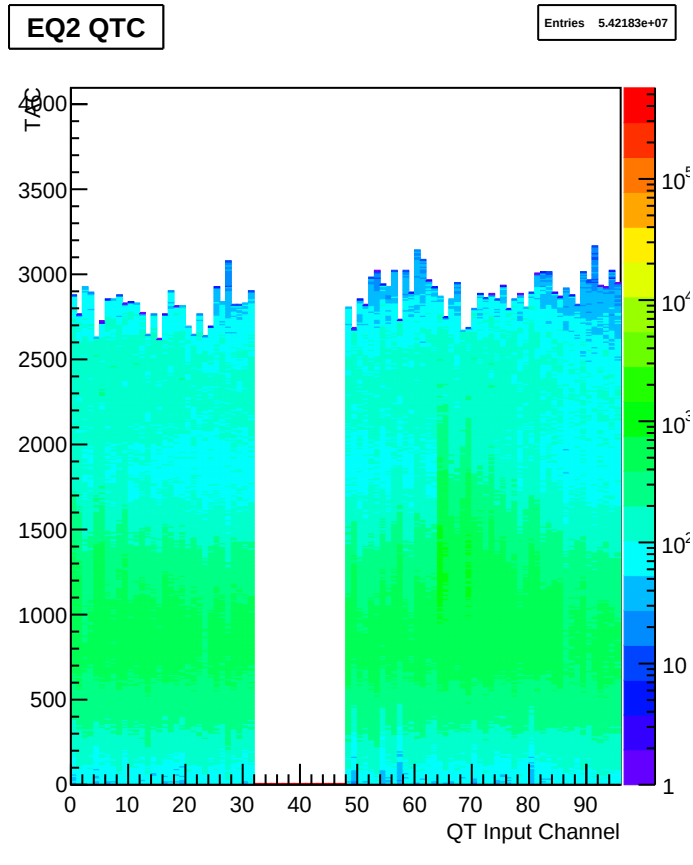

EQ1 QTC
Entries 5.42183e+07
ADC
QT Input Channel

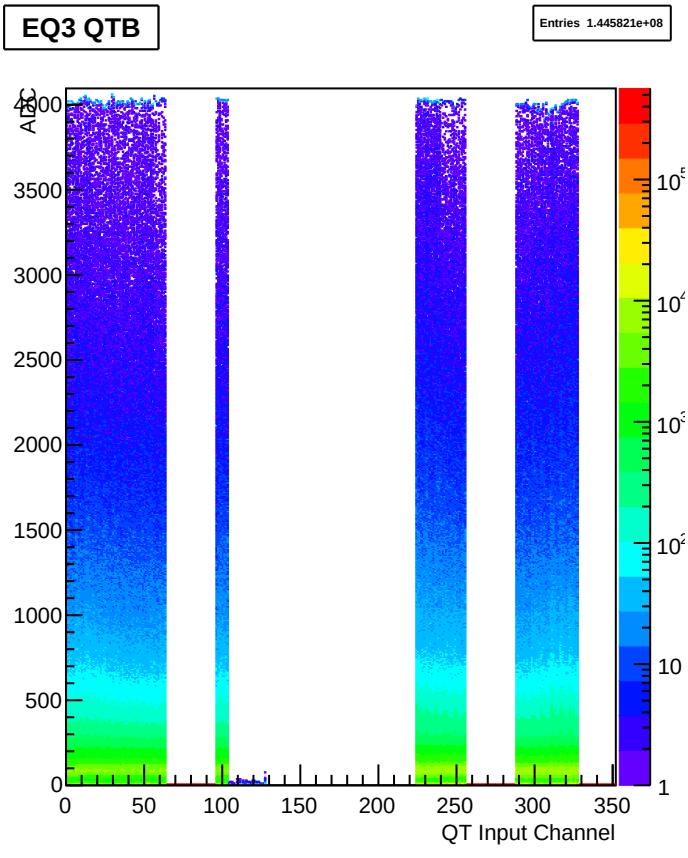

EQ1 QTC
Entries 5.42183e+07
TADC
QT Input Channel

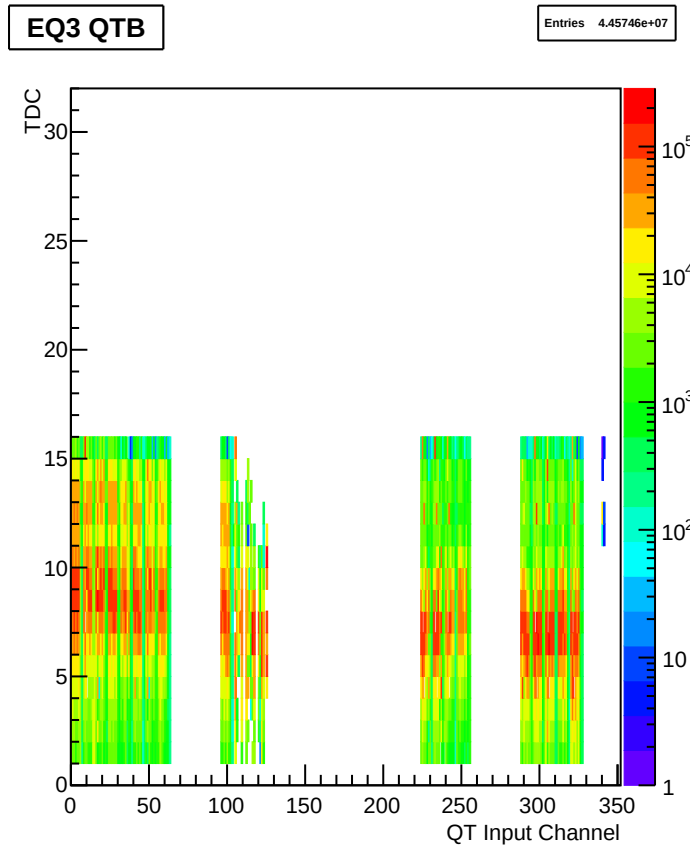

EQ2 QTB
Entries 1.626549e+08
ADC
QT Input Channel

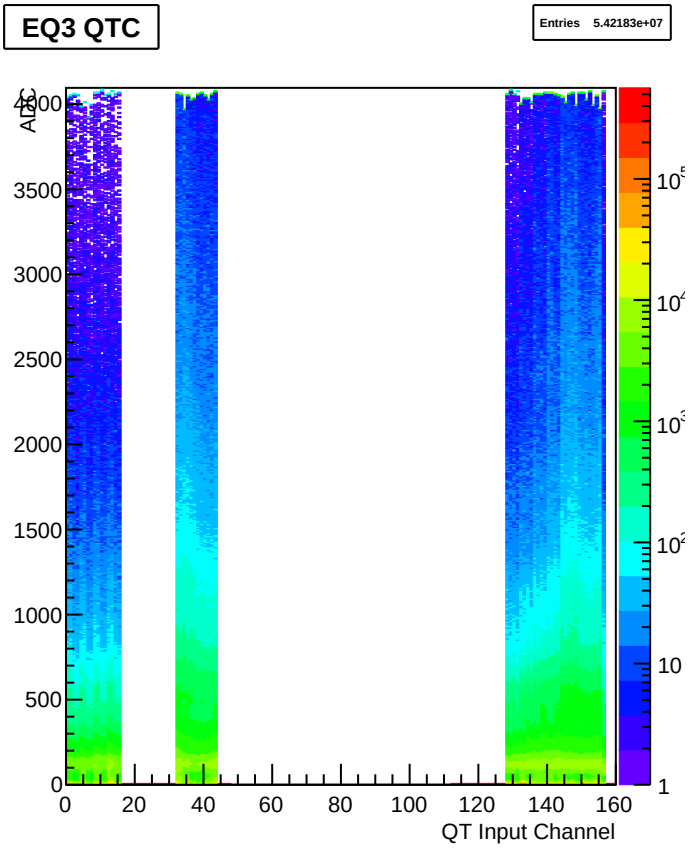

EQ2 QTB
Entries 4.321075e+07
TDC
QT Input Channel


EQ2 QTC
Entries 5.42183e+07
ADC
QT Input Channel


EQ2 QTC
Entries 5.42183e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.445821e+08
ADC
QT Input Channel


EQ3 QTB
Entries 4.45746e+07
TDC
QT Input Channel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Entries 5.42183e+07
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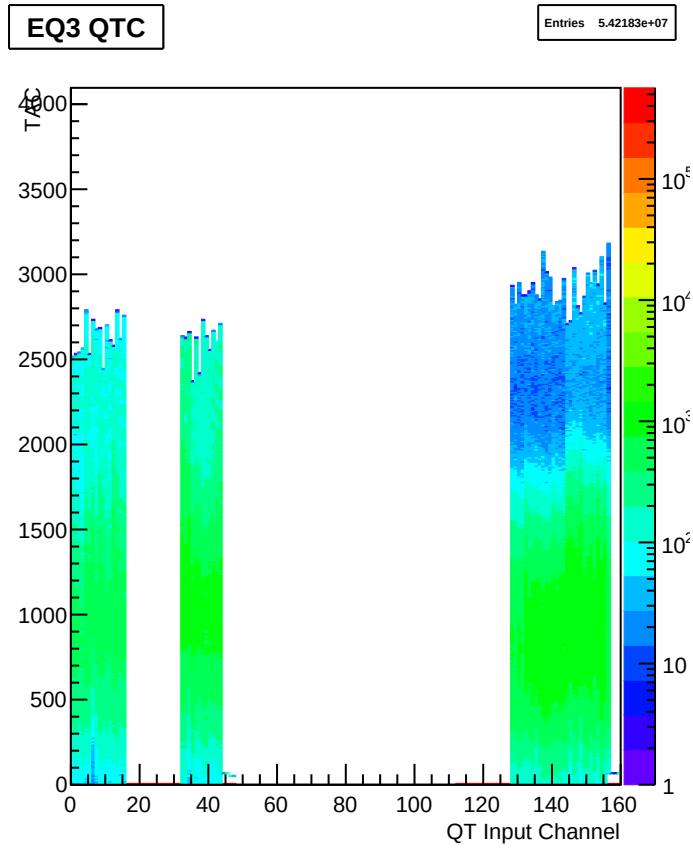
QT Input Channel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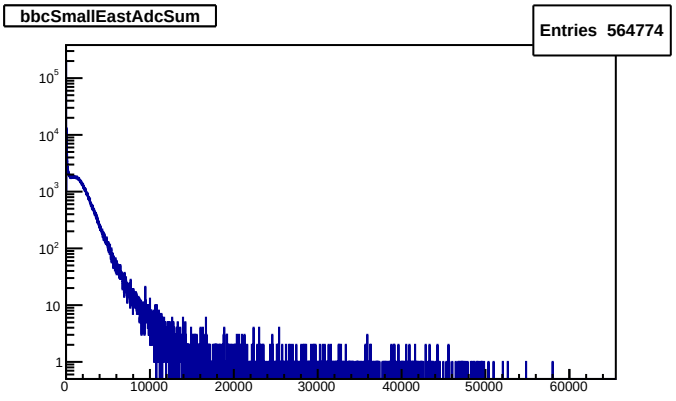
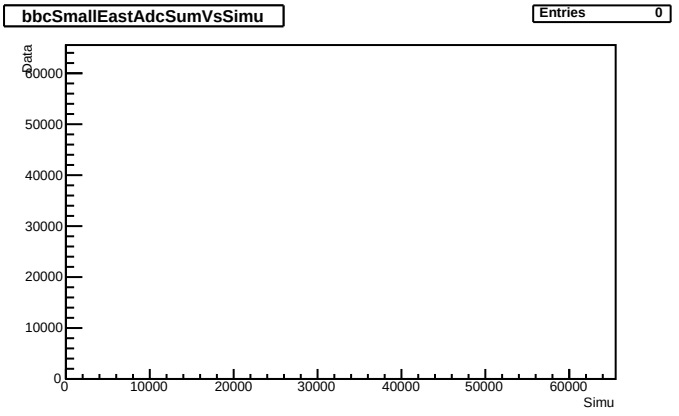
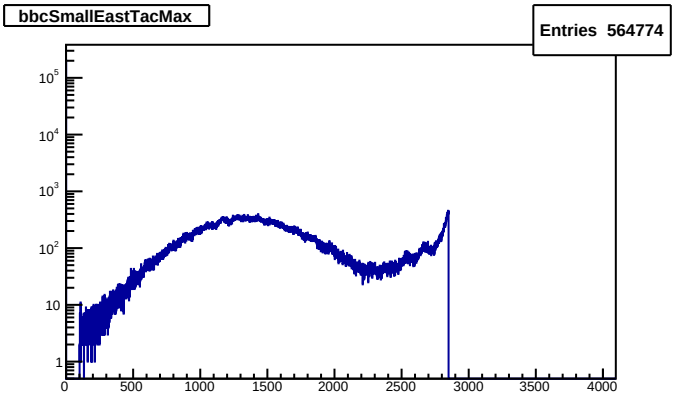
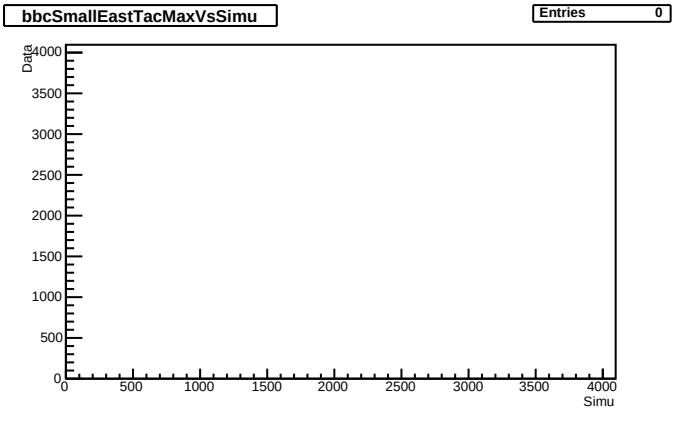
Entries 5.42183e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 564774


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 564774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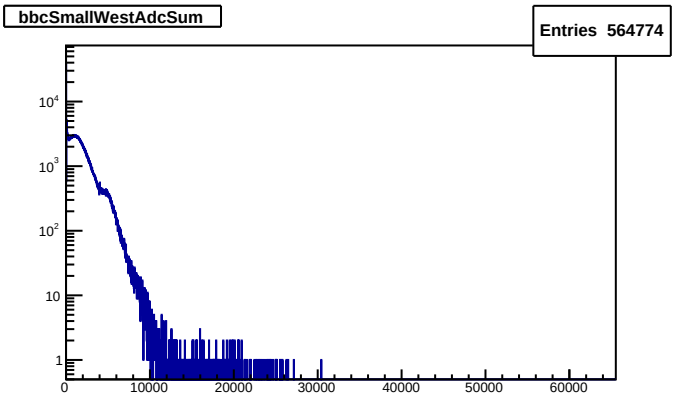
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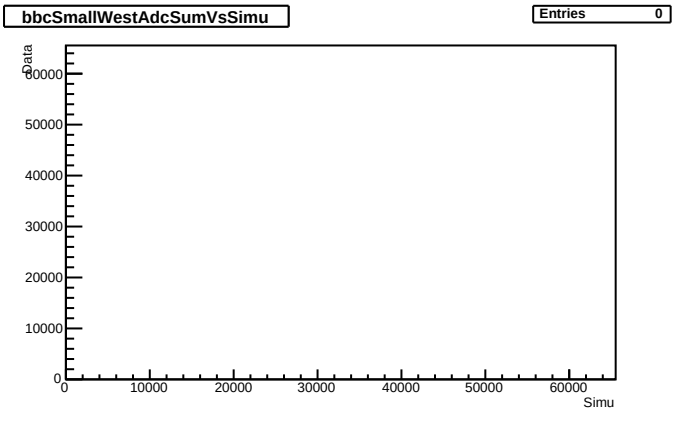
Entries 564774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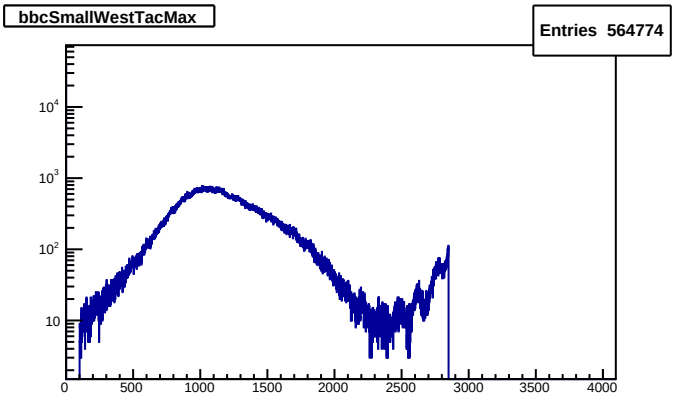
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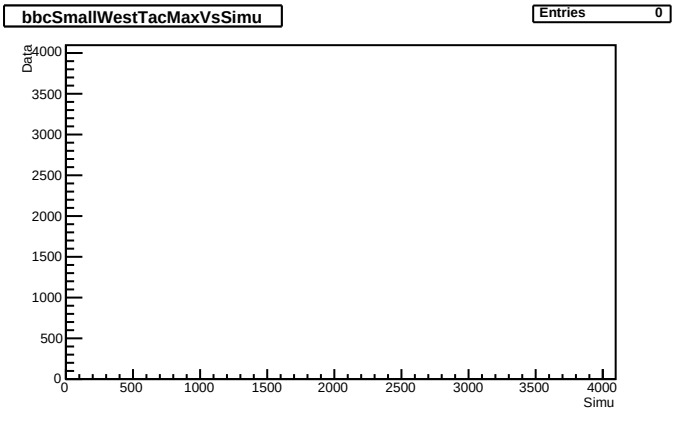
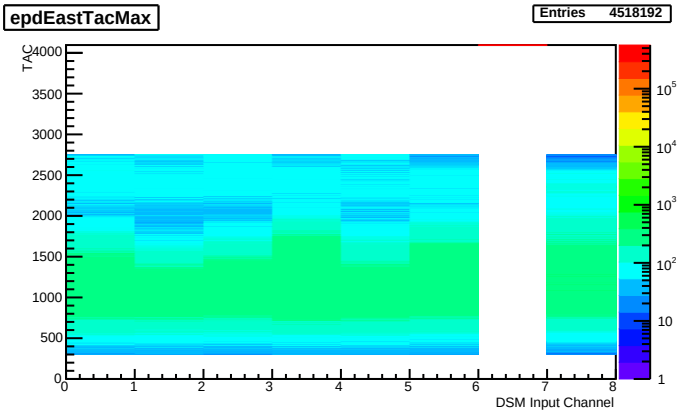
Entries 564774


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 4518192
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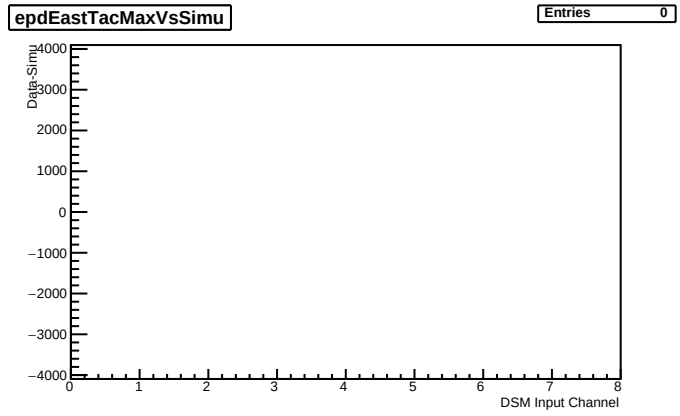
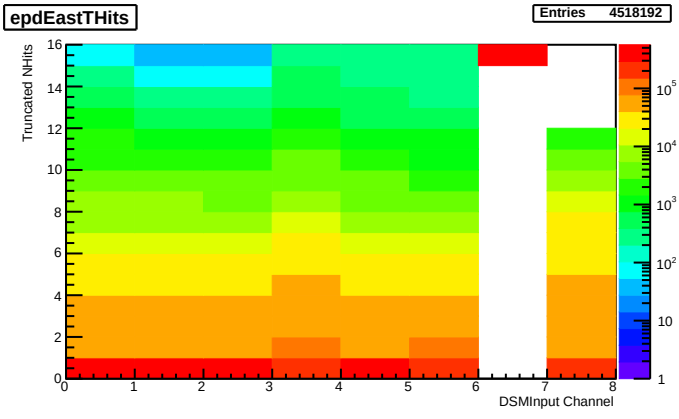
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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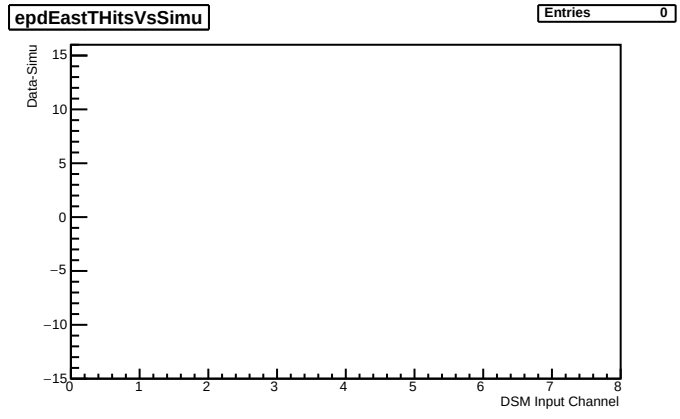
Entries 4518192
Truncated NHits
DSMInput Channel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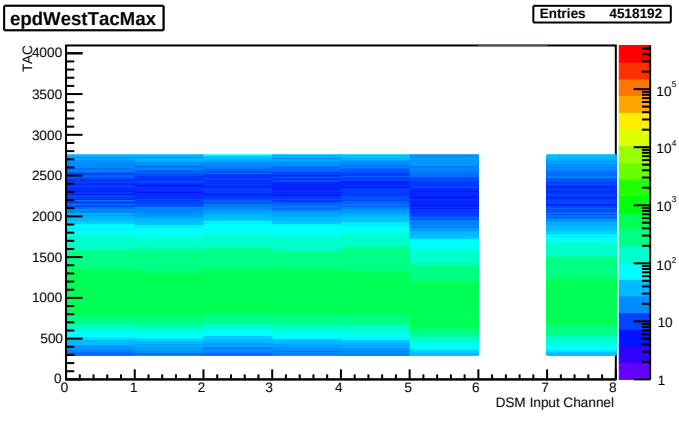
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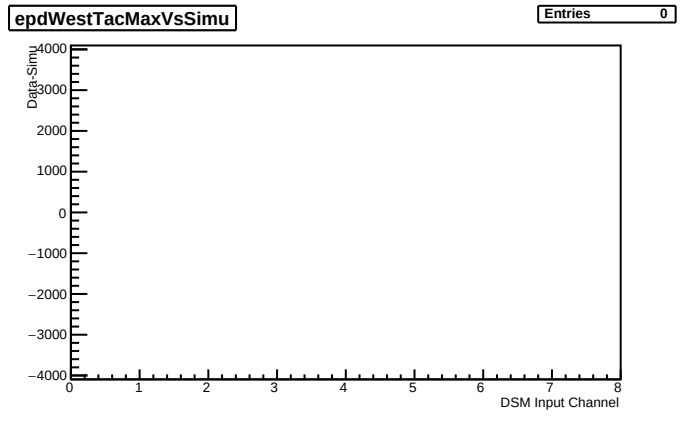
TAC
DSM Input Channel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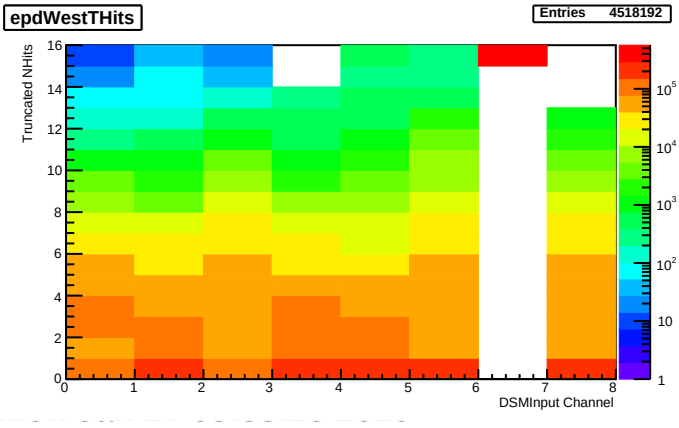
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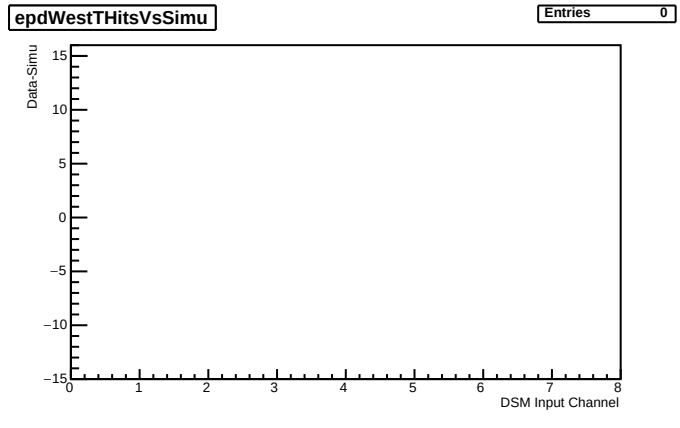
DSMInput Channel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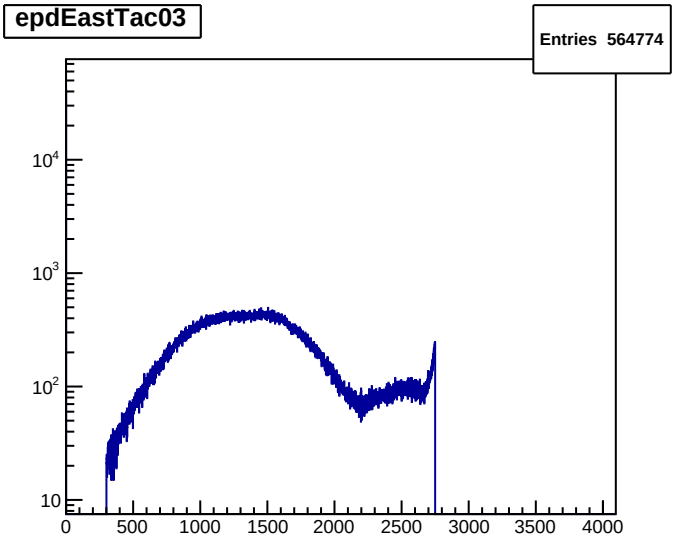
DSM Input Channel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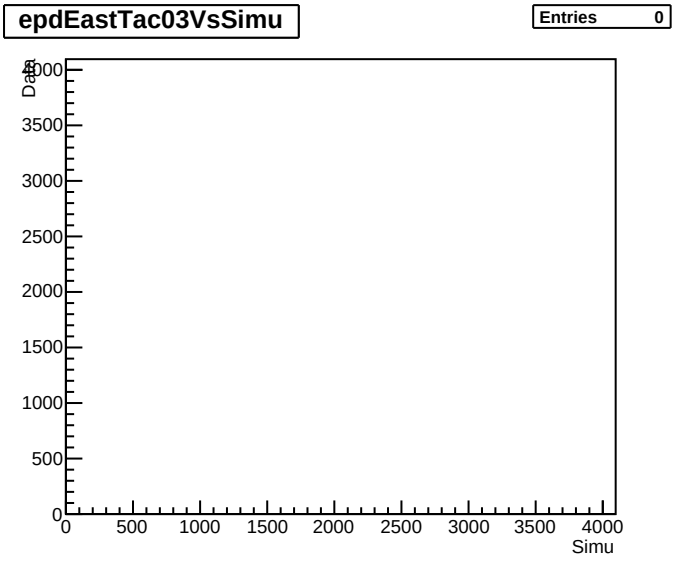
Entries 564774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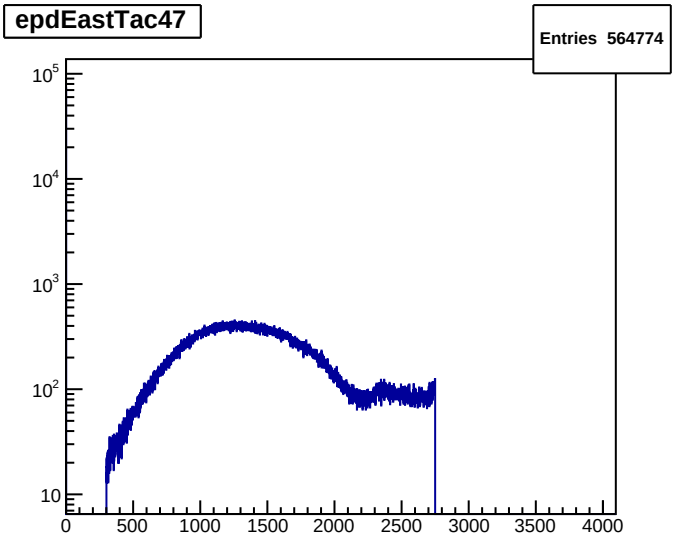
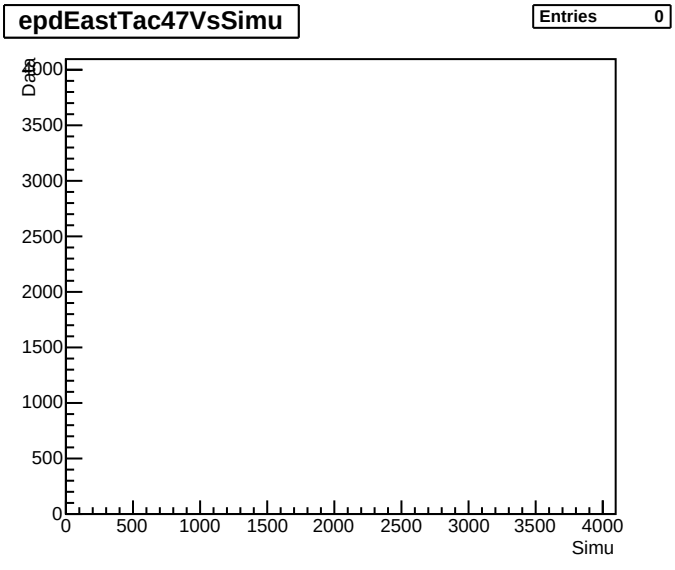
Entries 0
Data
Simu


epdEastTac47
Entries 564774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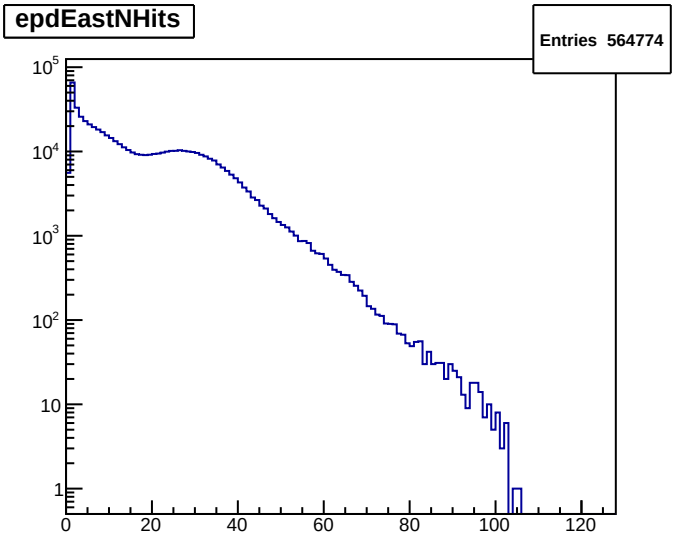
Entries 0
Data
Simu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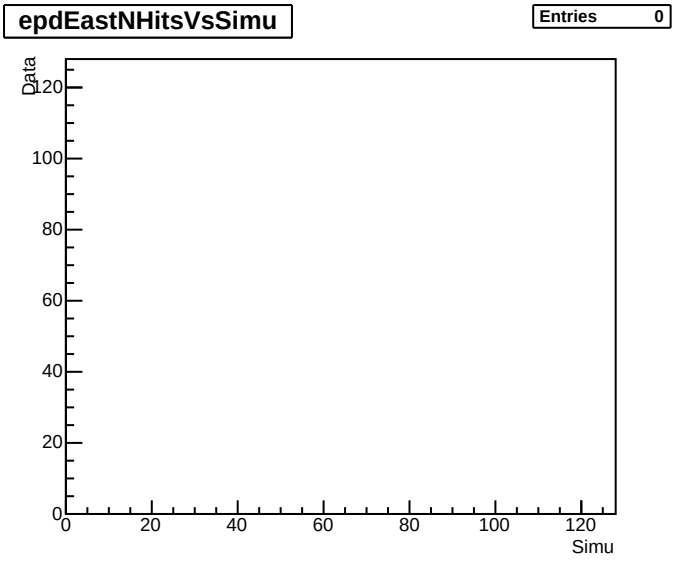
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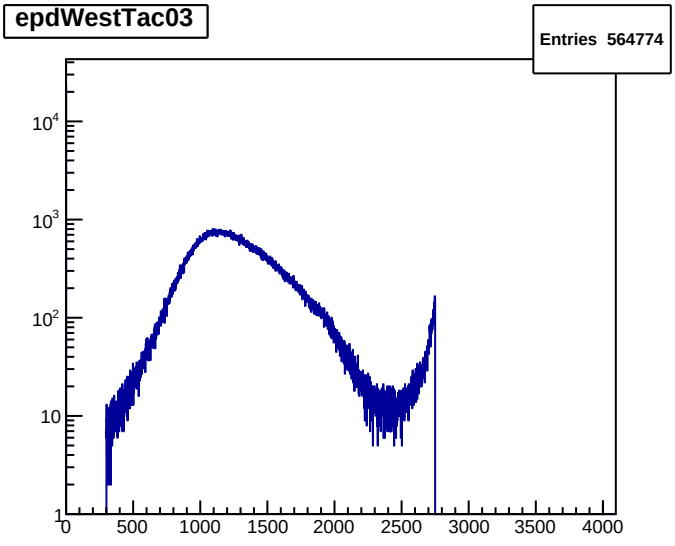
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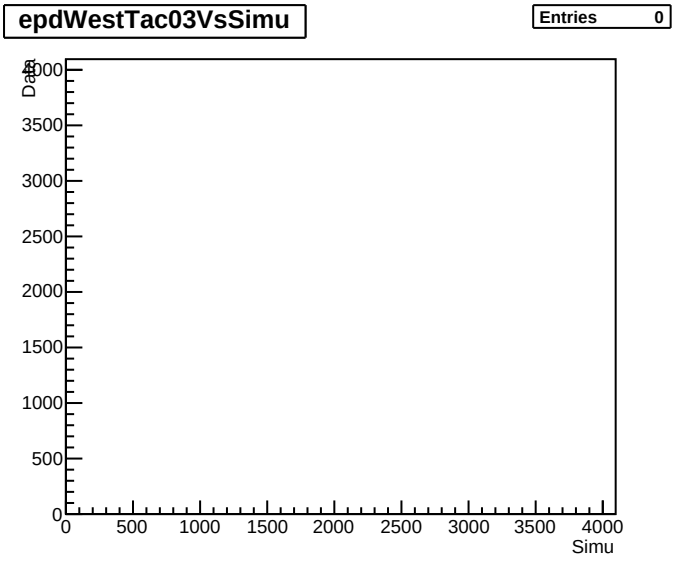
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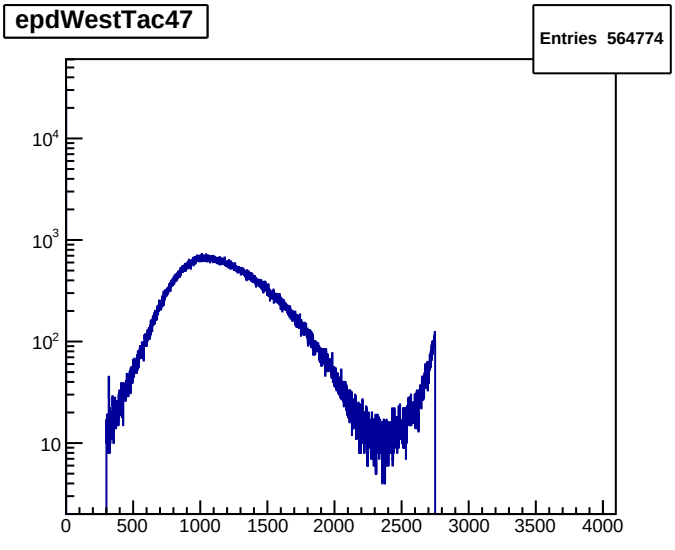
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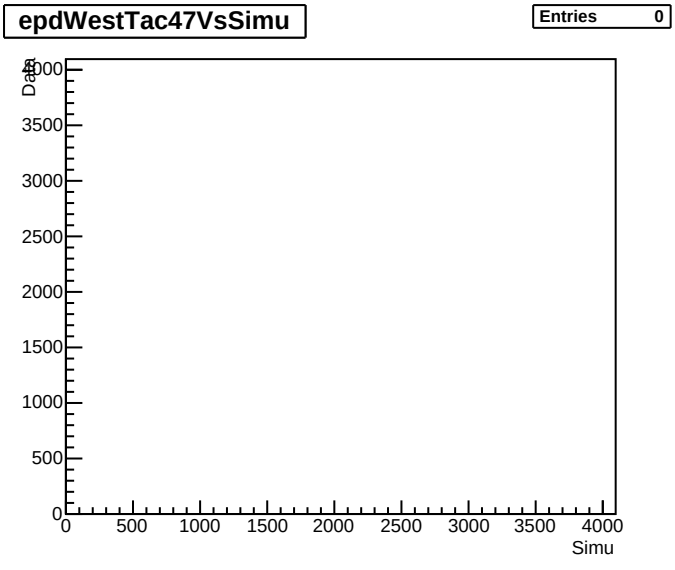
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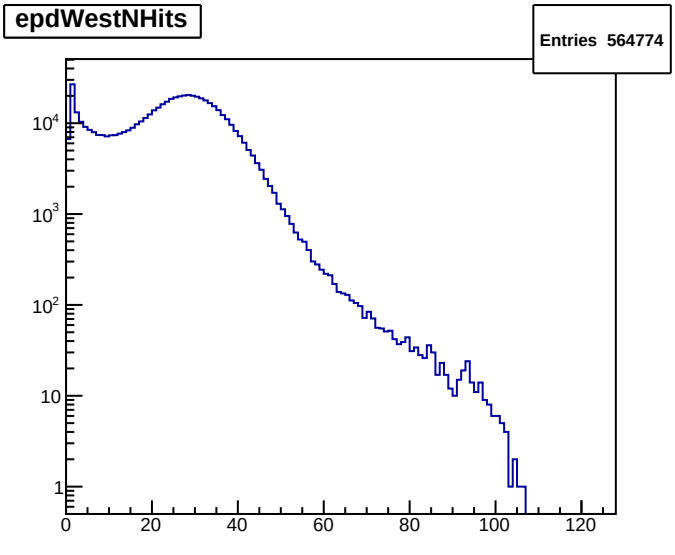
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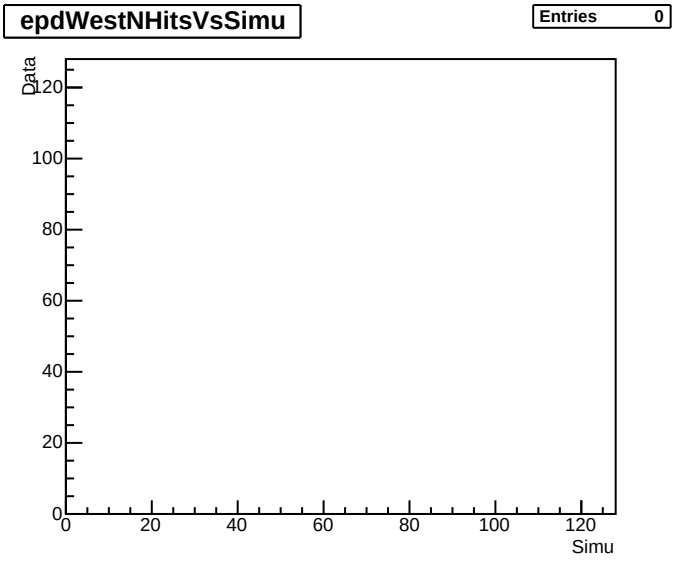
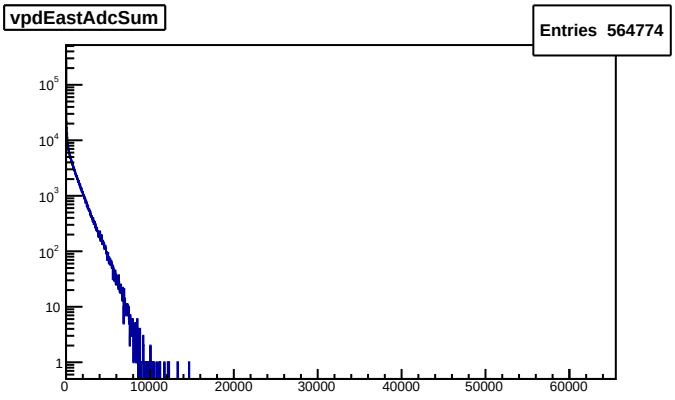
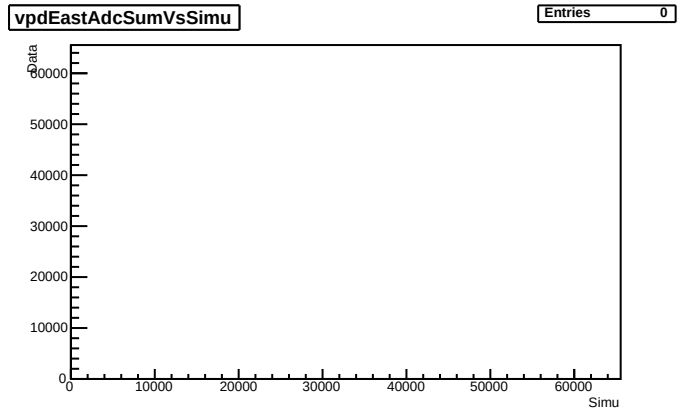
Entries 564774


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 564774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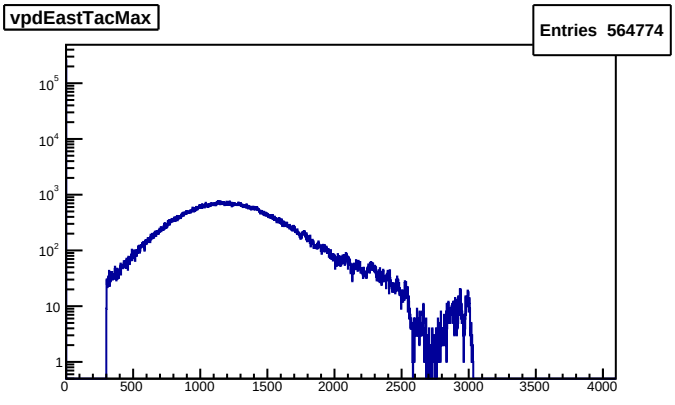
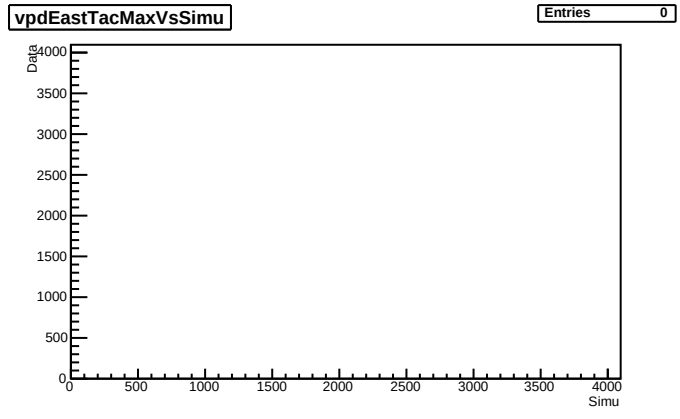
Data
Simu


vpdEastTacMax
Entries 564774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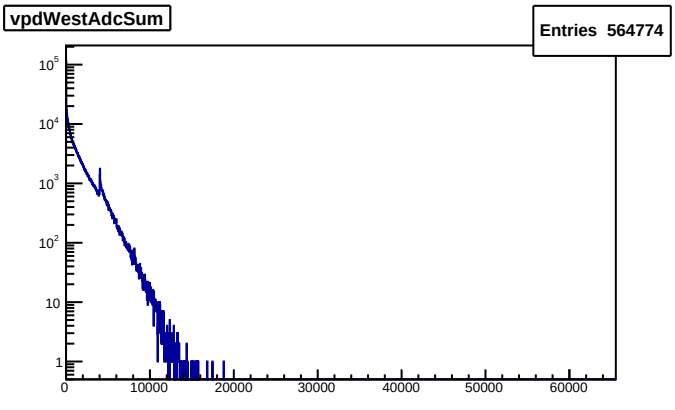
Entries 0
Data
Simu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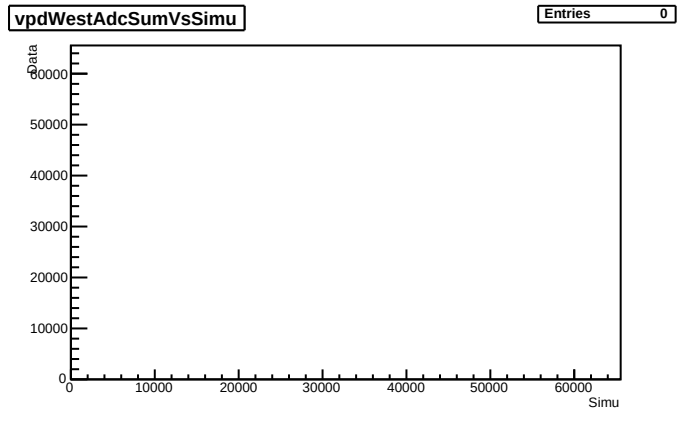
Entries 564774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Entries 0
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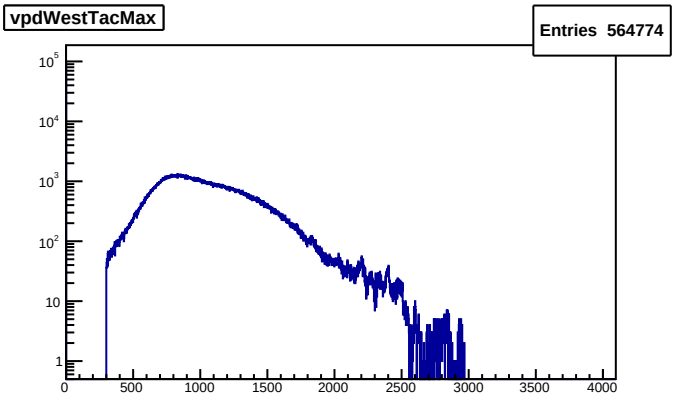
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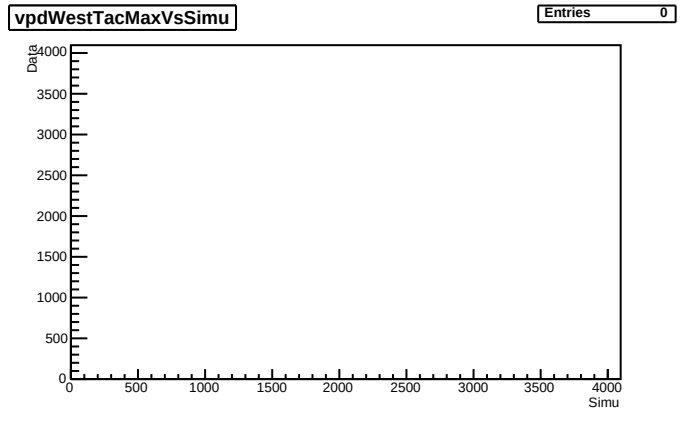
Entries 564774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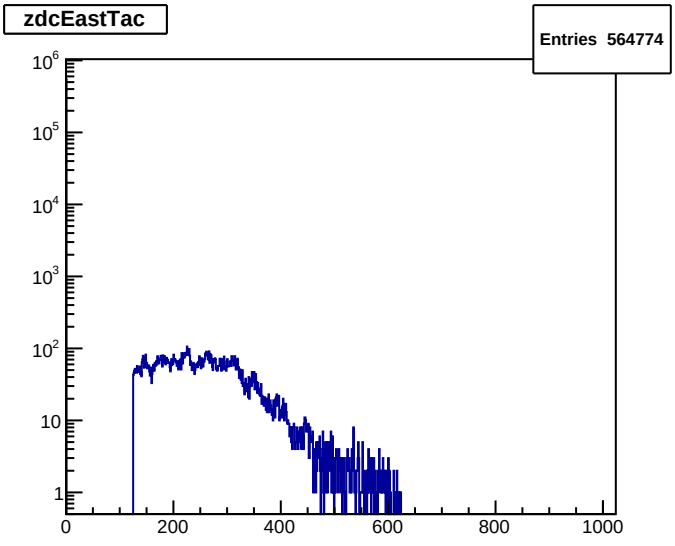
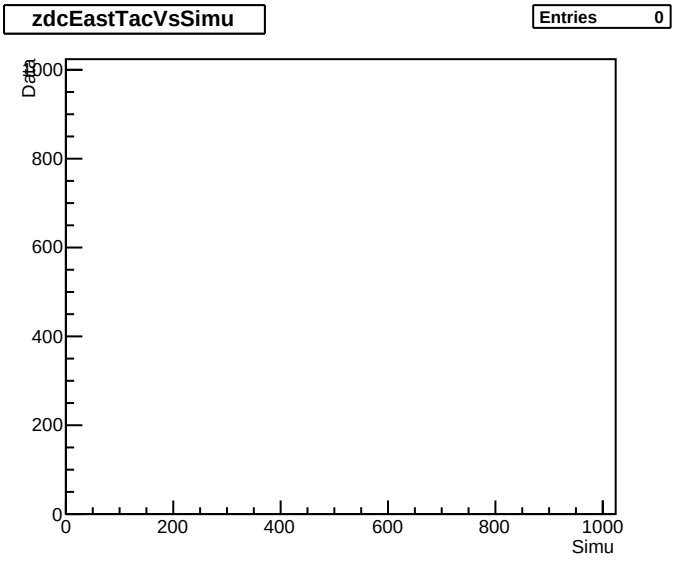
Entries 0
Data
Simu


zdcEastTac
Entries 564774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Entries 0
Data
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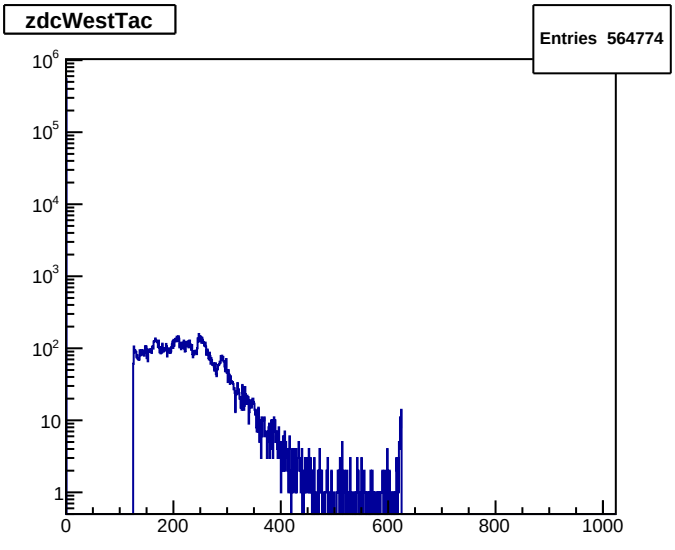
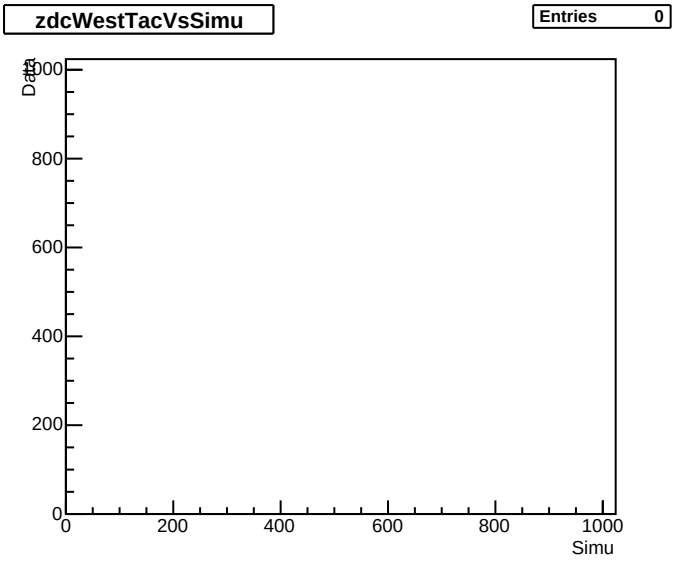
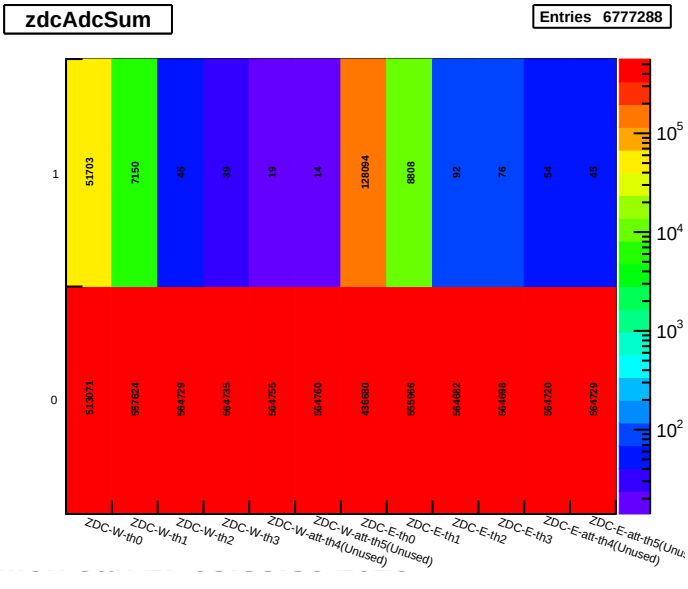

zdcWestTac
Entries 564774


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 6777288
51703
7150
45
39
19
14
128094
8808
92
76
54
45
513071
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564729
564735
564755
564760
436680
555966
564682
564698
564720
564729
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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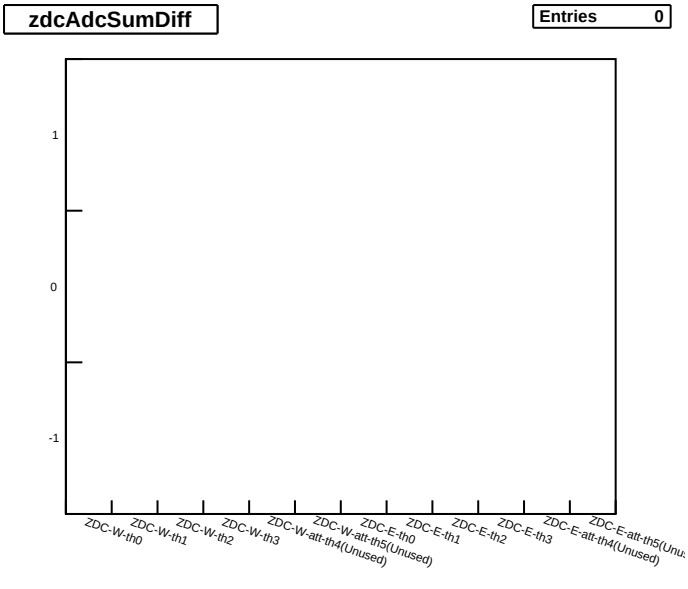
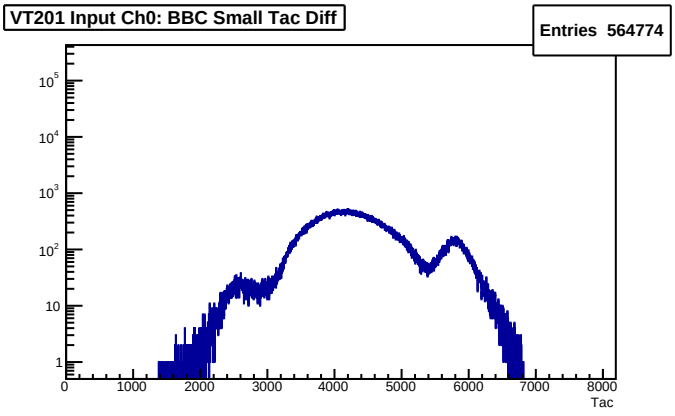
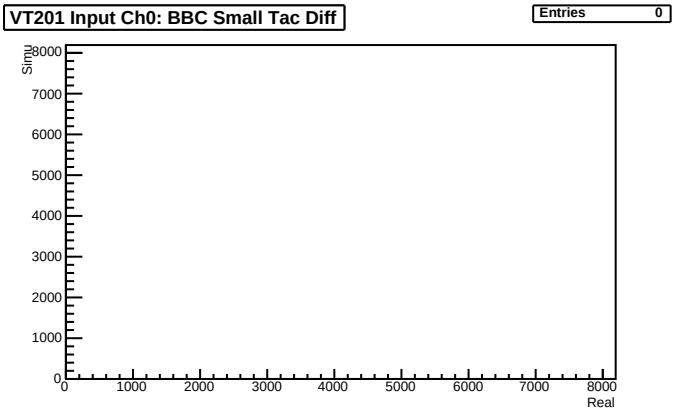
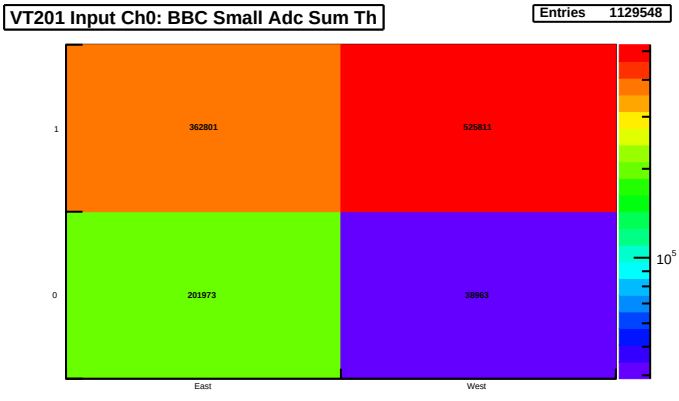
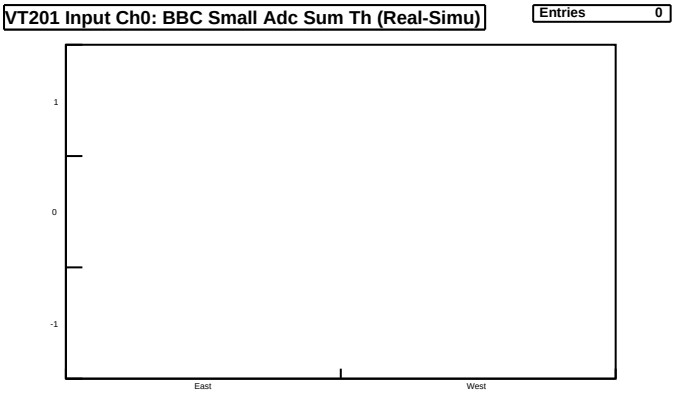
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

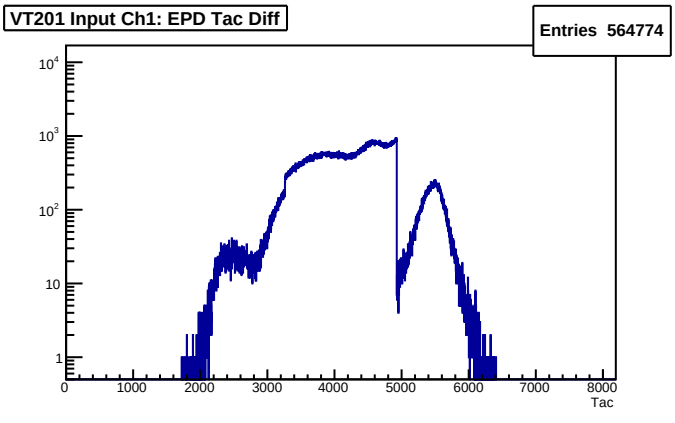

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

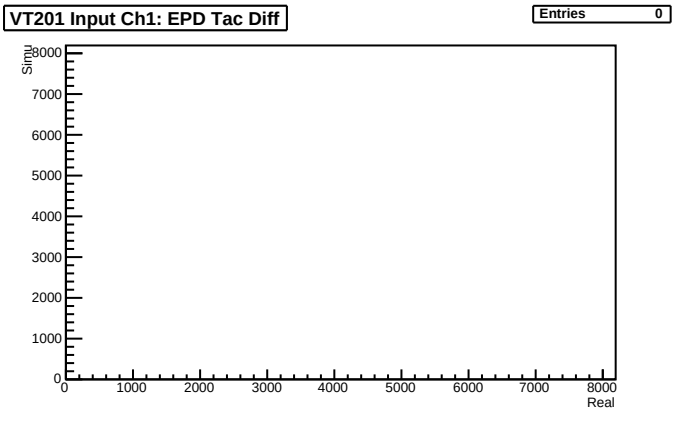

VT201 Input Ch0: BBC Small Tac Diff
Entries 564774
Tac

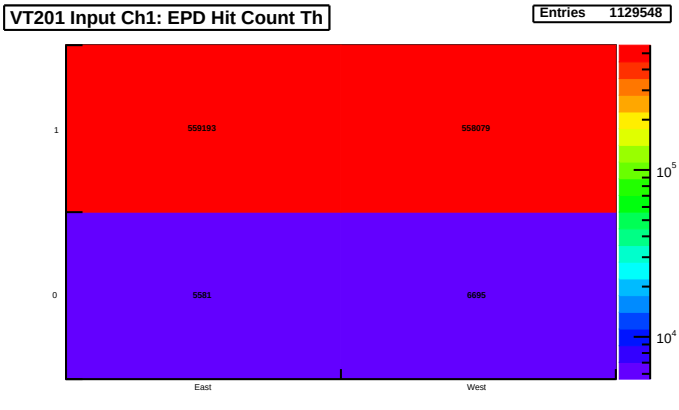

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

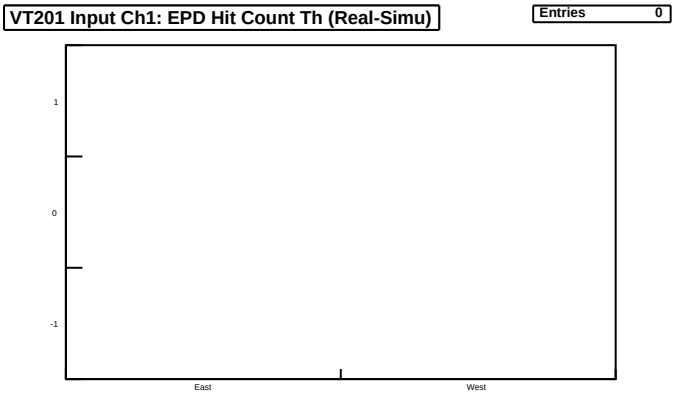

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1129548
362801
525811
201973
38963
East
West

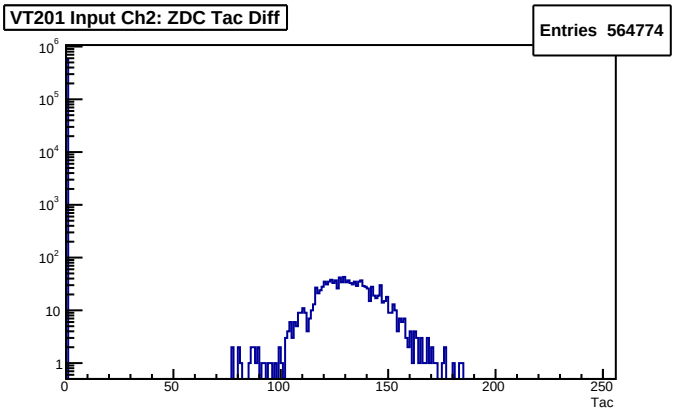

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

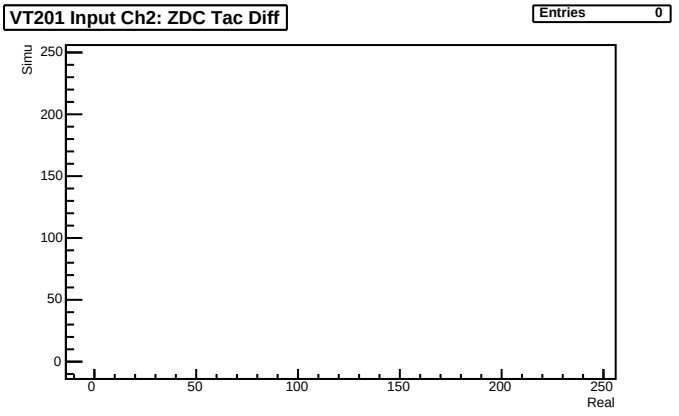

VT201 Input Ch1: EPD Tac Diff
Entries 564774
Tac

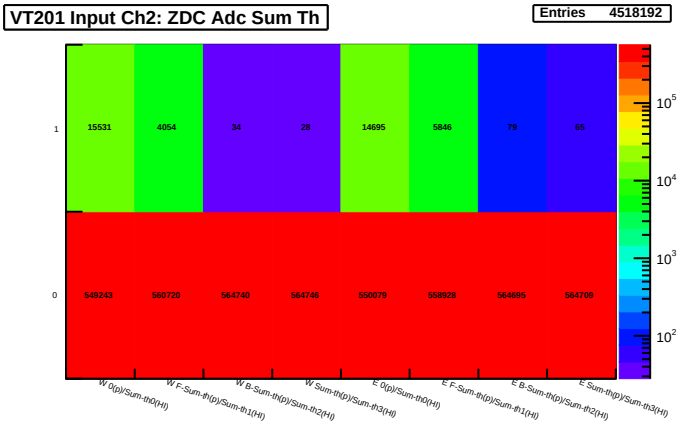

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

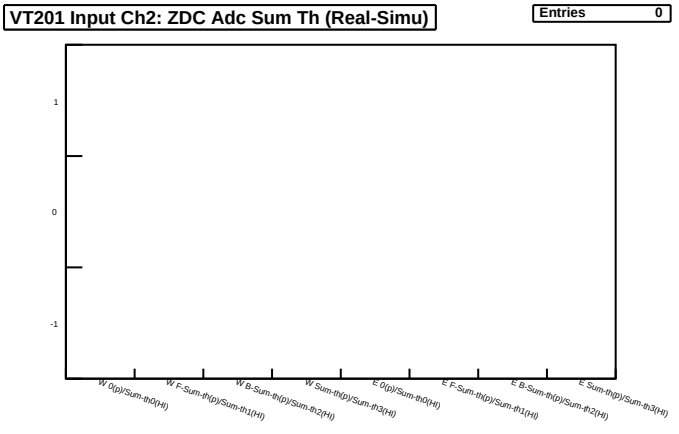

VT201 Input Ch1: EPD Hit Count Th
Entries 1129548
559193
558079
5581
6695
East
West

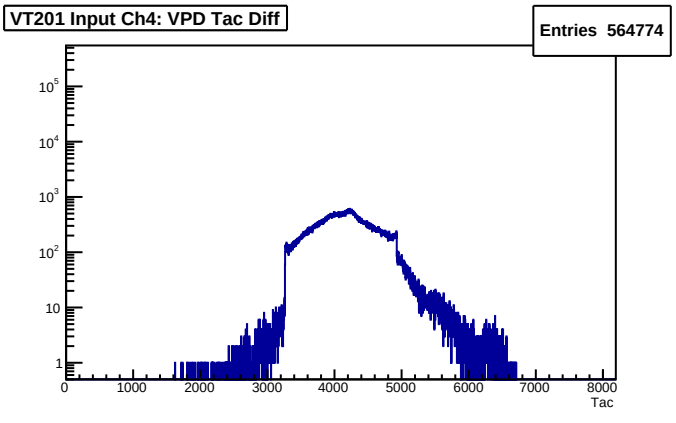

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

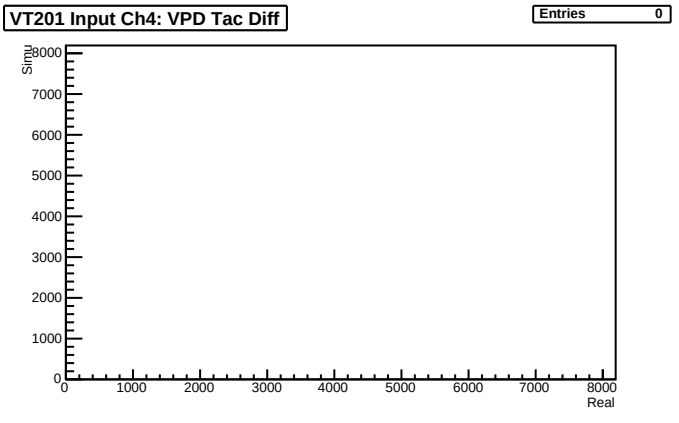

VT201 Input Ch2: ZDC Tac Diff
Entries 564774
Tac

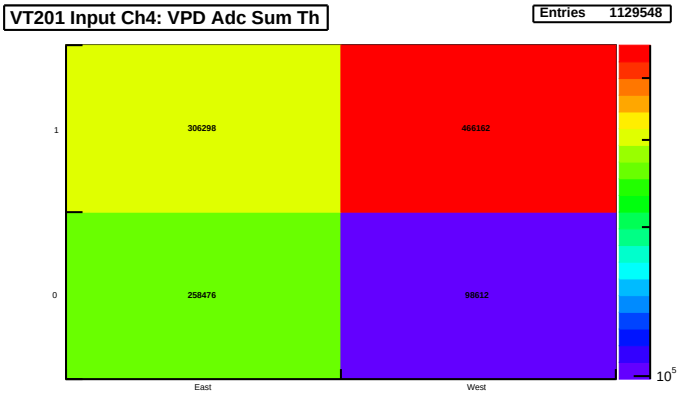

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

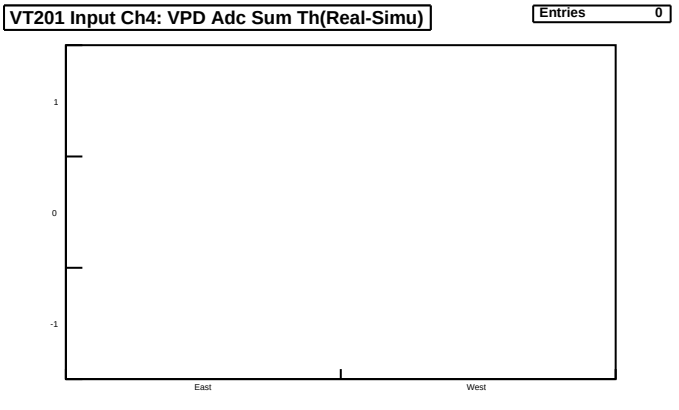

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4518192
15531
4054
34
28
14695
5846
79
65
549243
560720
564740
564746
550079
558928
564695
564709
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

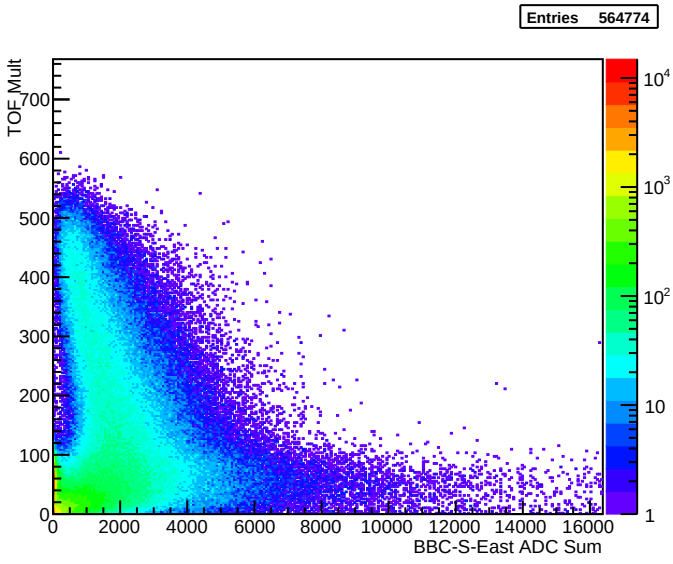

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

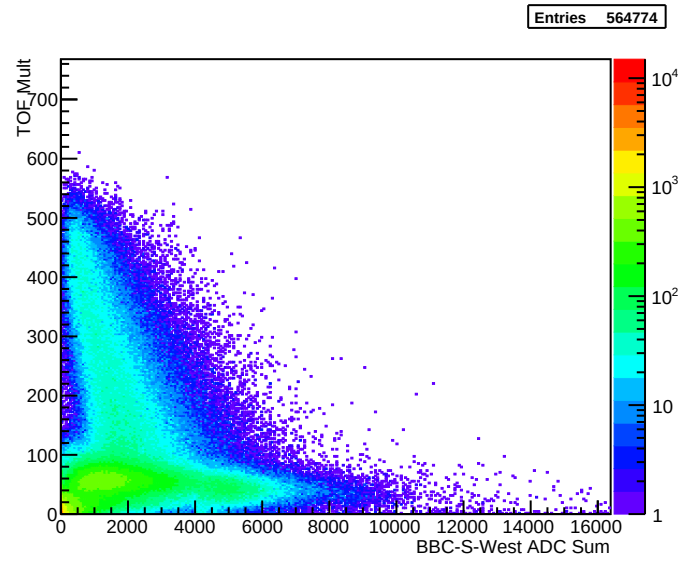

VT201 Input Ch4: VPD Tac Diff
Entries 564774
Tac

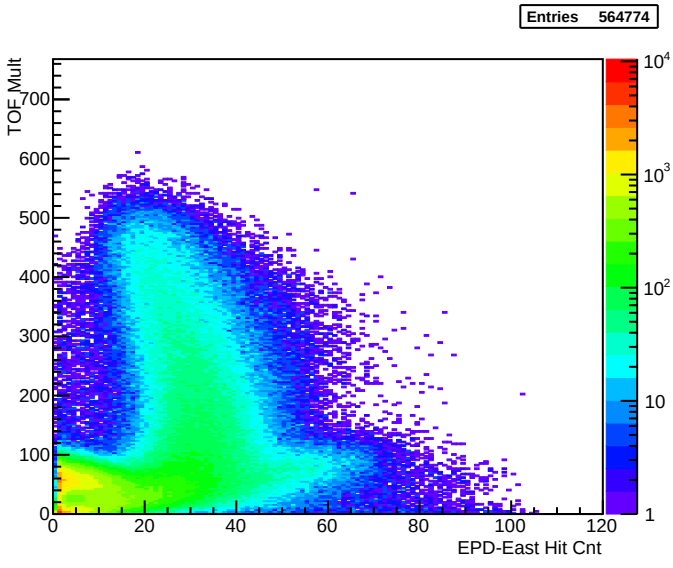

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

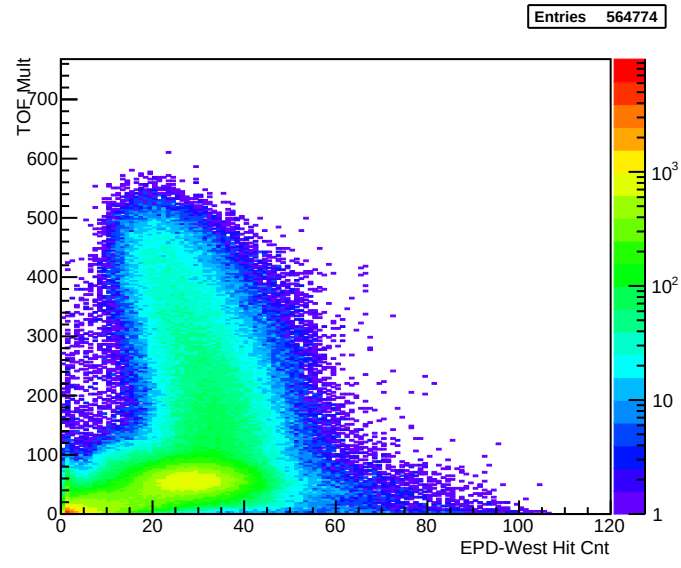

VT201 Input Ch4: VPD Adc Sum Th
Entries 1129548
306298
466162
258476
98612
East
West

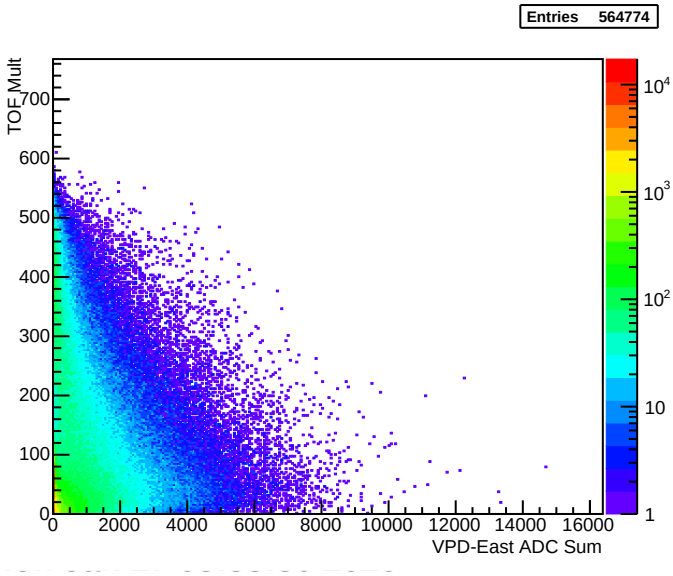

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

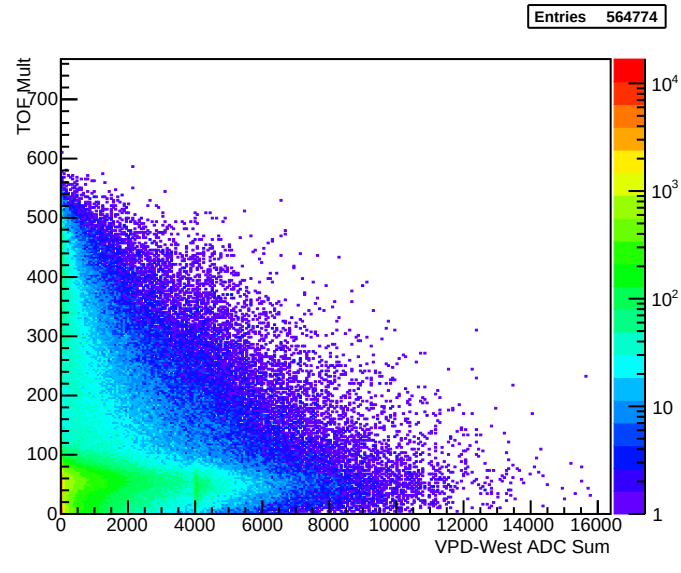

Entries 564774
TOF_Mult
BBC-S-East ADC Sum

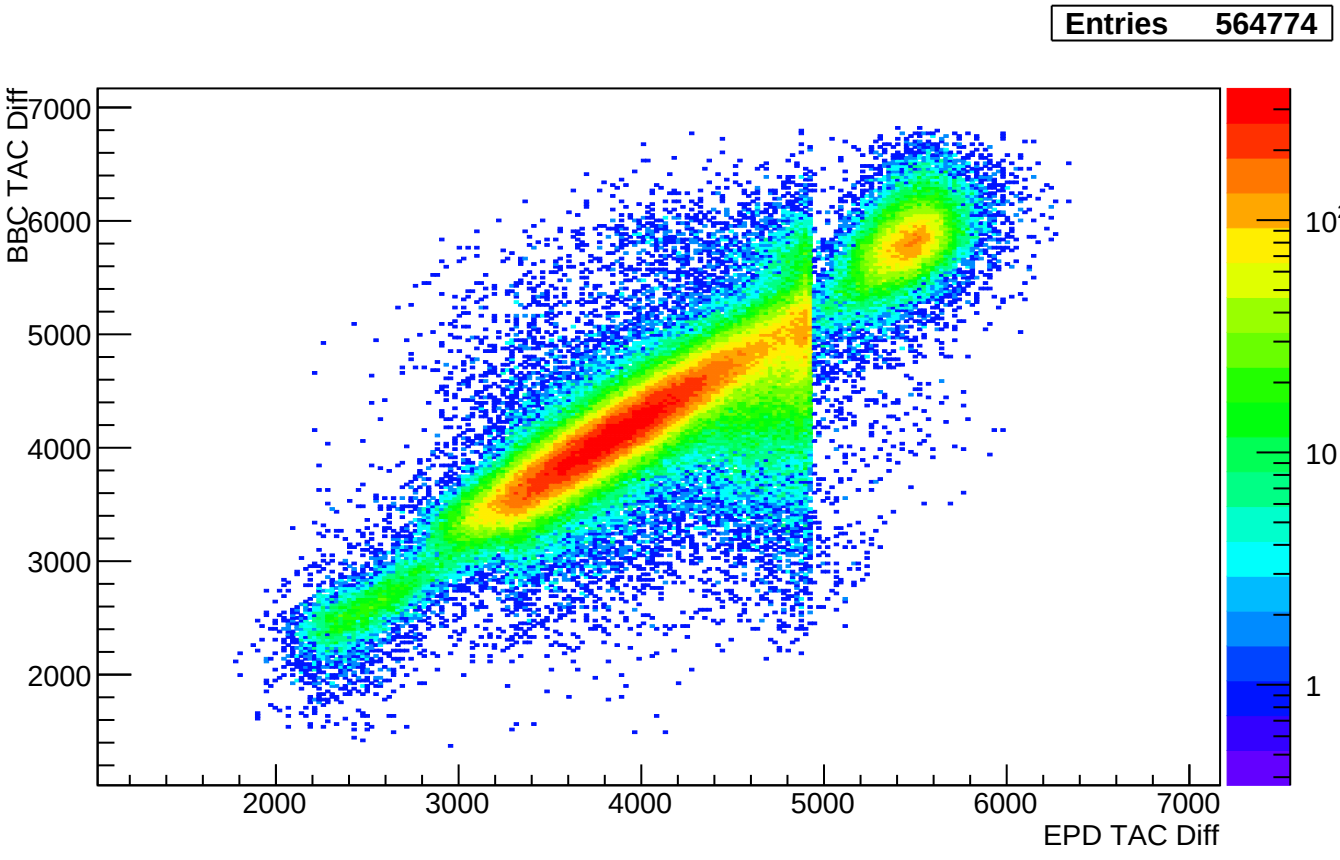

Entries 564774
TOF_Mult
BBC-S-West ADC Sum

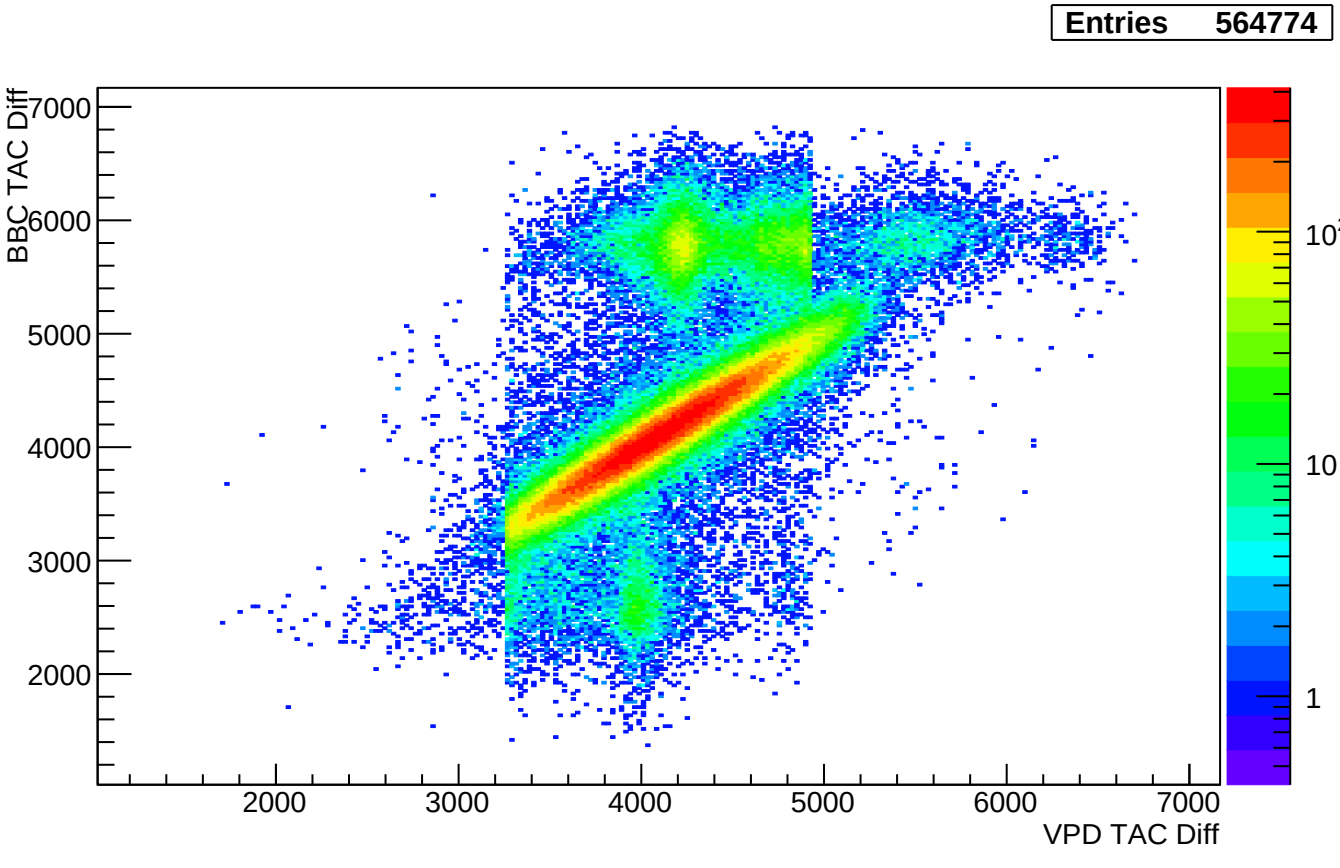

Entries 564774
TOF_Mult
EPD-East Hit Cnt

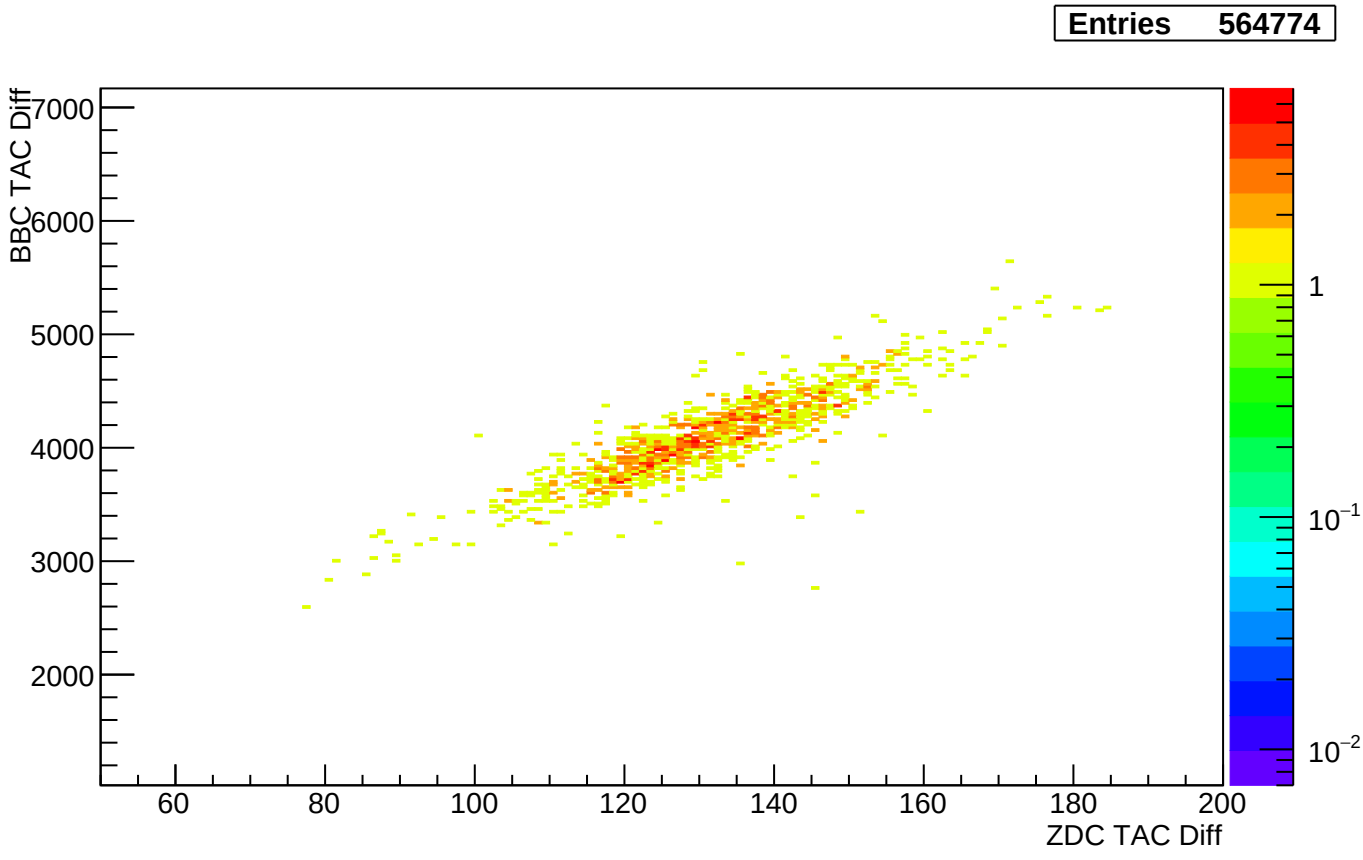

Entries 564774
TOF_Mult
EPD-West Hit Cnt

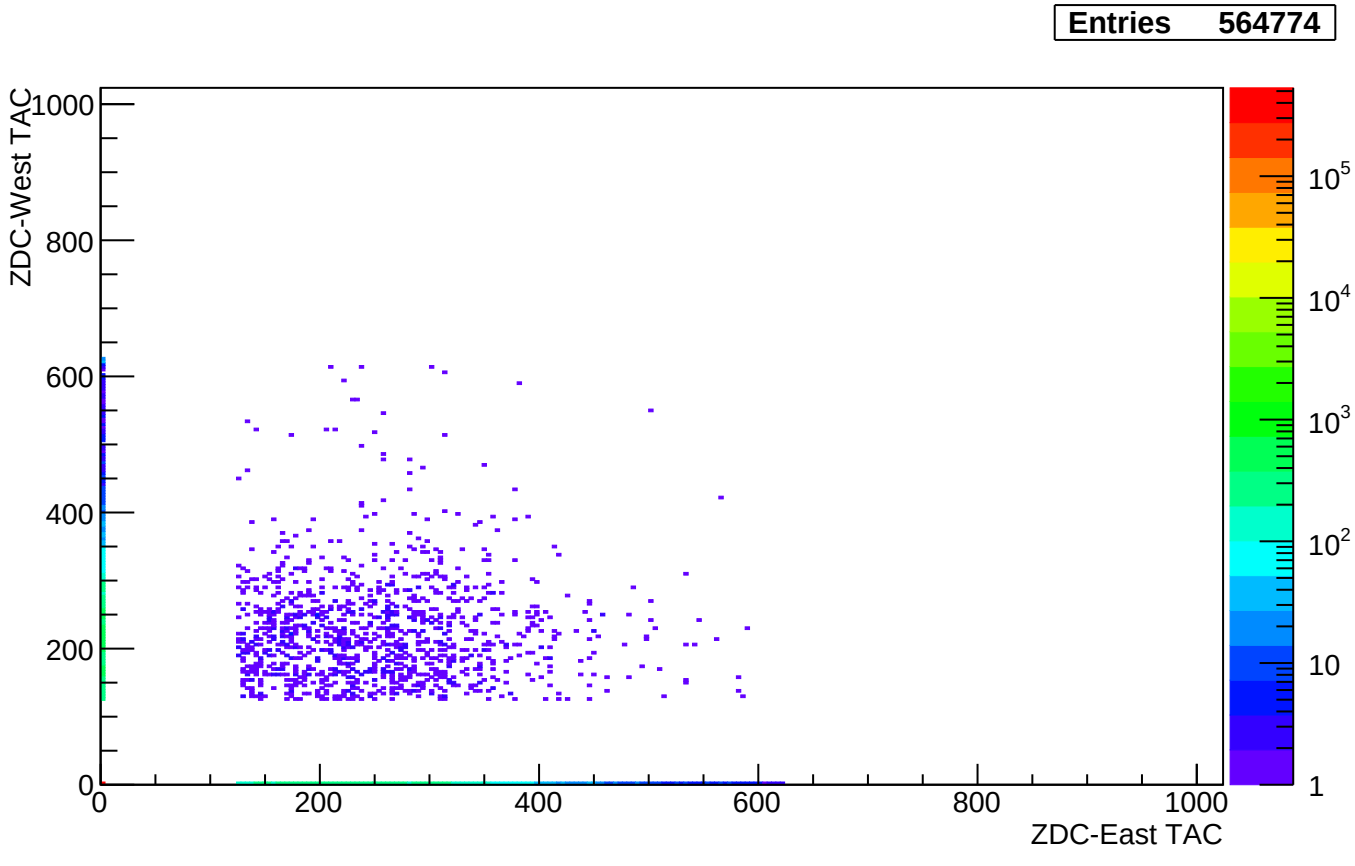

Entries 564774
TOF_Mult
VPD-East ADC Sum

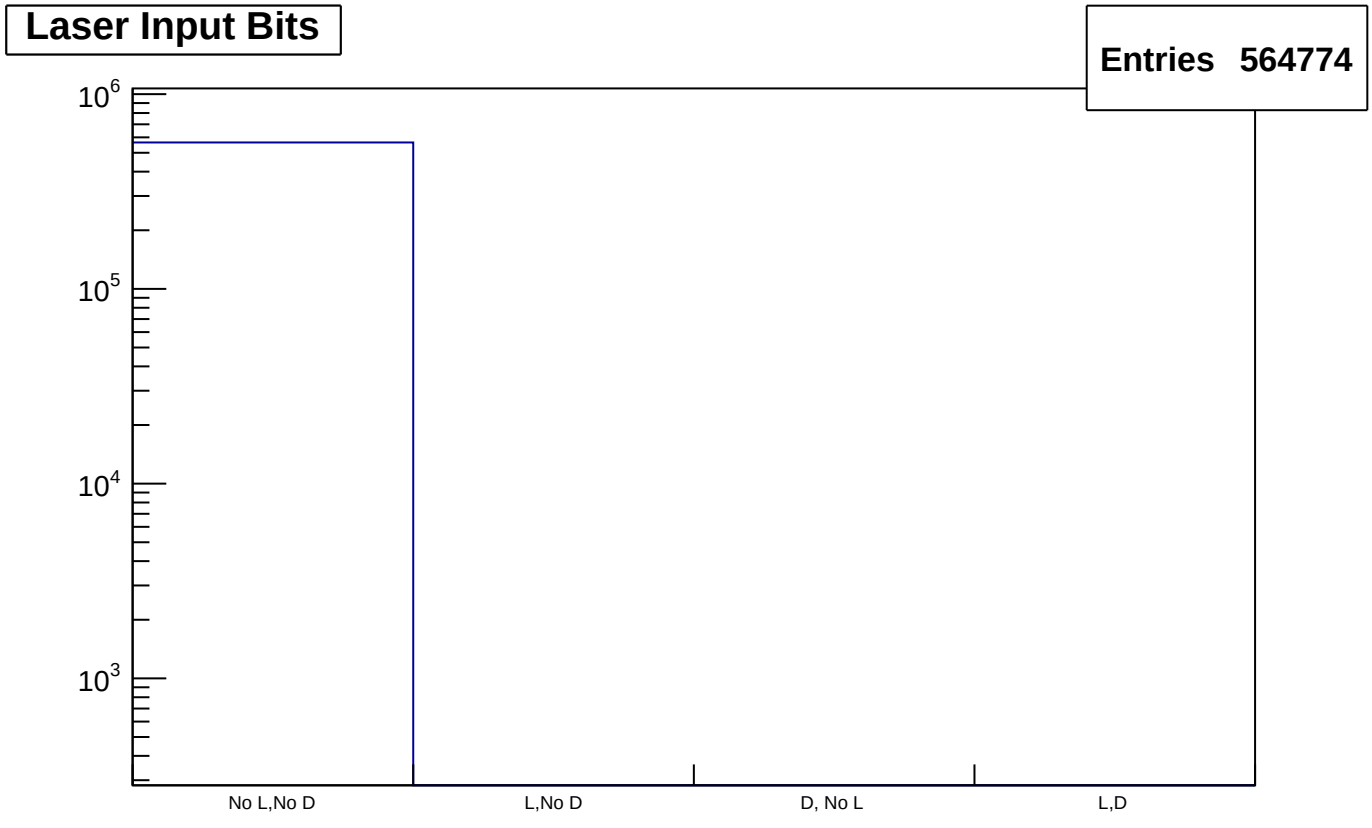

Entries 564774
TOF_Mult
VPD-West ADC Sum

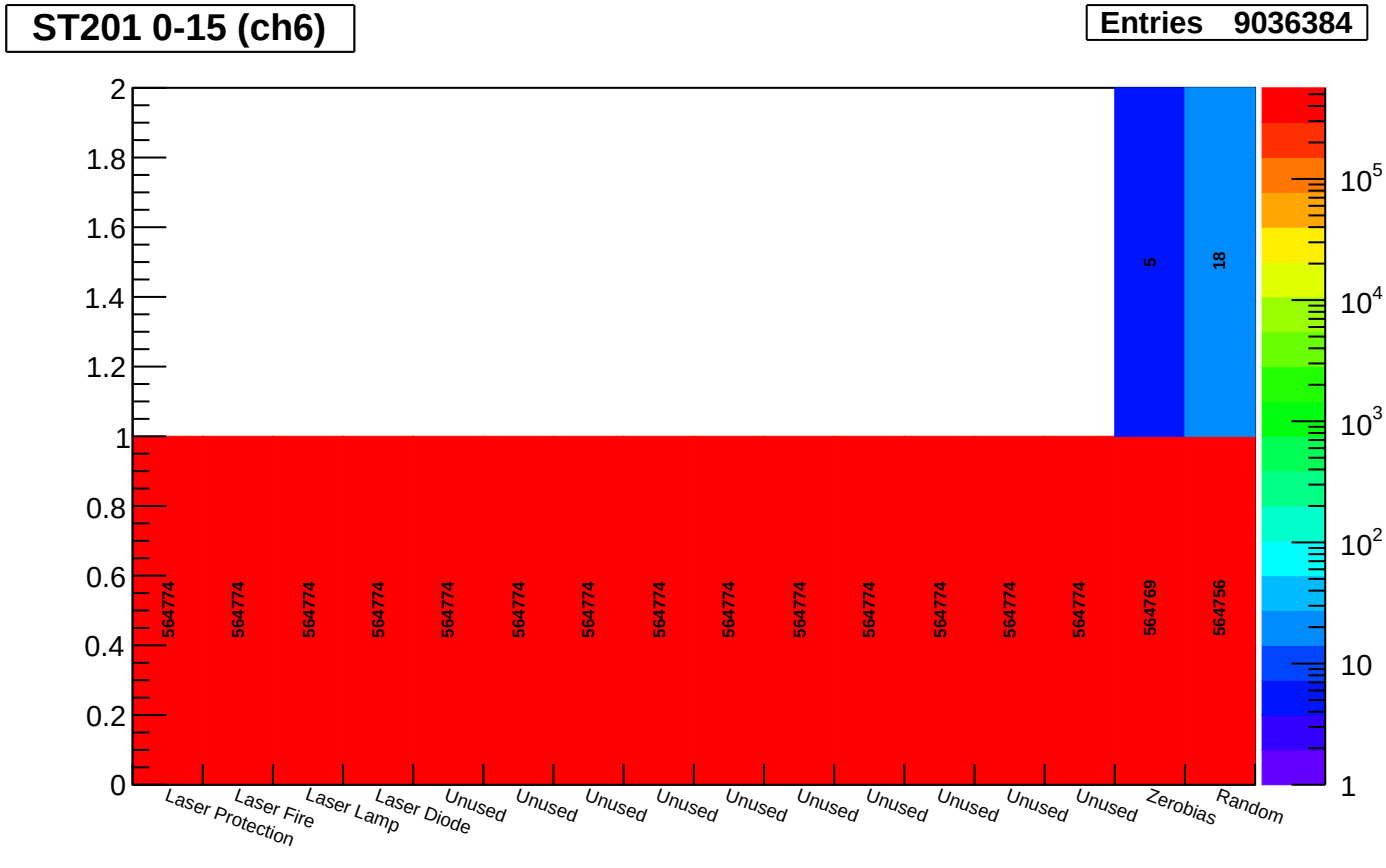

Entries 564774
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

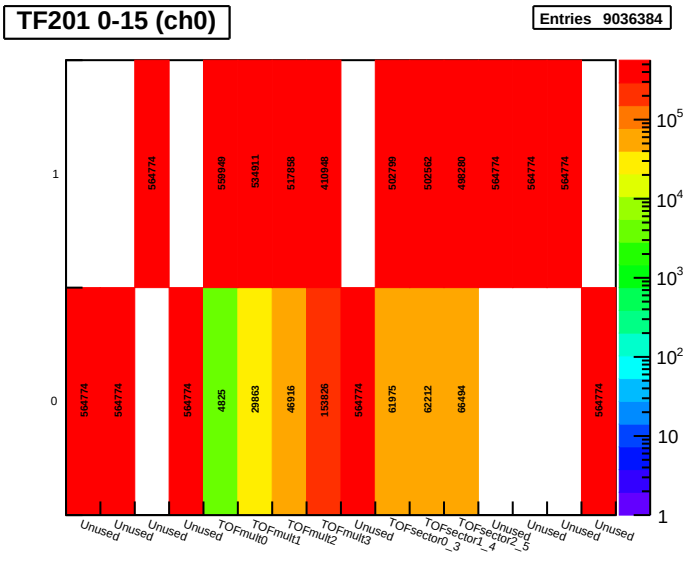

Entries 564774
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

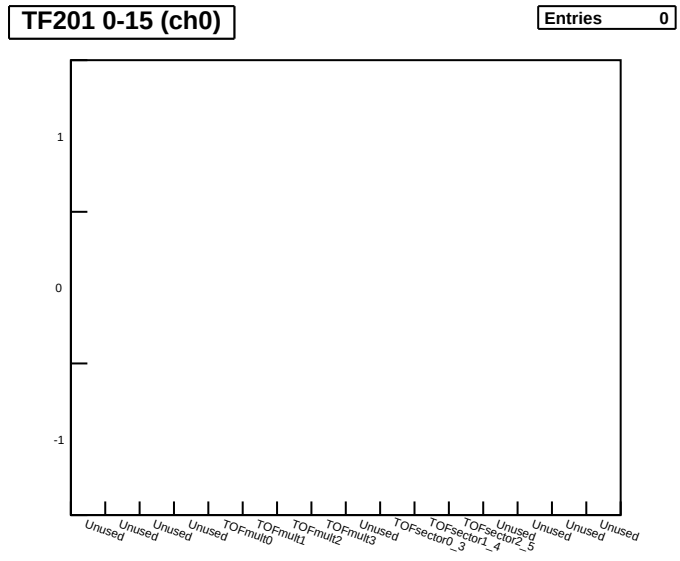

Entries 564774
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

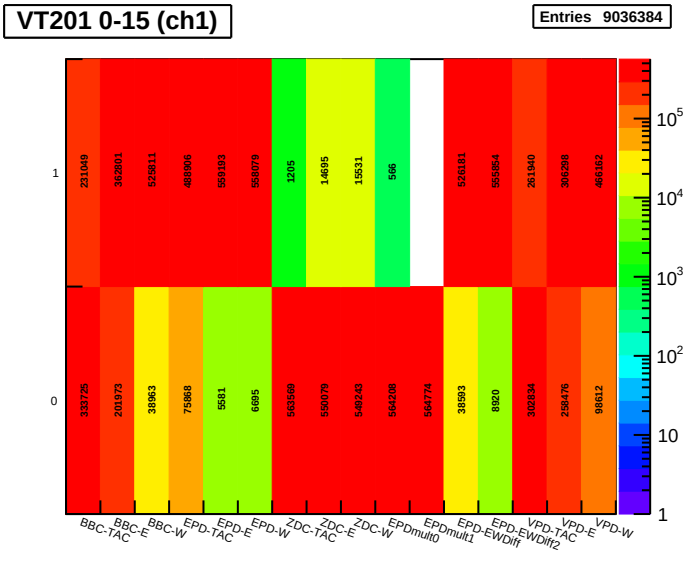

Entries 564774
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

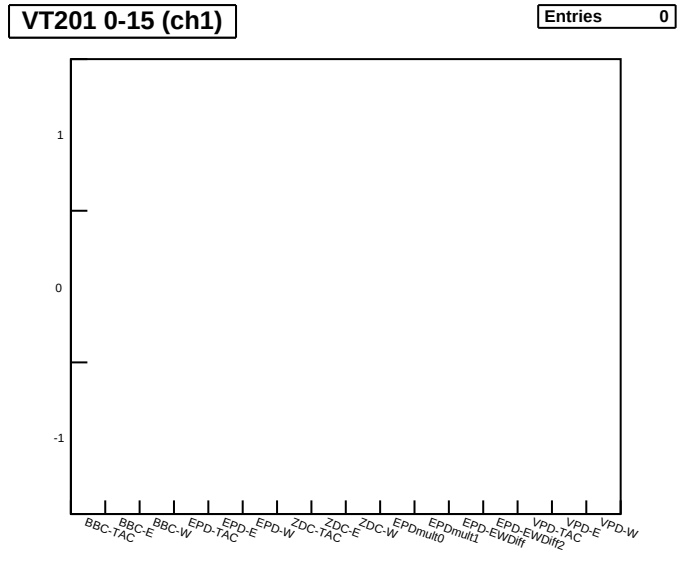

Laser Input Bits
Entries 564774
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

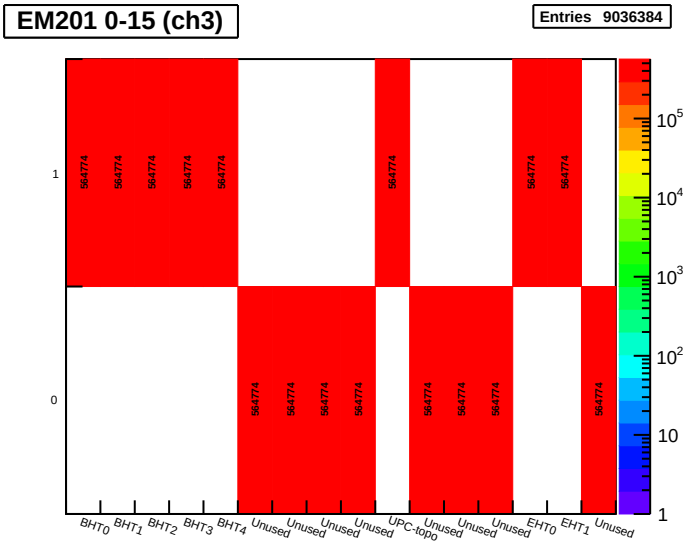

ST201 0-15 (ch6)
Entries 9036384
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
564774
564774
564774
564774
564774
564774
564774
564774
564774
564774
564774
564774
564774
564774
564769
564756
5
18
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

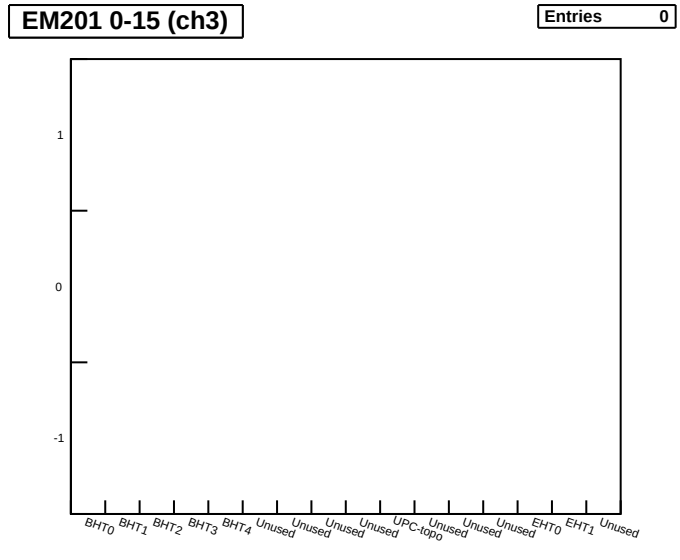

TF201 0-15 (ch0)
Entries 9036384
1
0
564774 564774 564774 564774 539949 534911 517858 410948 502799 502562 498280 564774 564774 564774
564774 564774 564774 4825 29863 46916 153826 564774 61975 62212 66494 564774
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 9036384
1
0
231049 362801 528611 488906 559193 558079 1205 14695 15531 566 526181 555854 261940 306288 466162
333725 201973 38963 75868 5581 6695 563569 550079 549243 564208 564774 38993 8920 302834 238476 98612
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 9036384
1
0
564774 564774 564774 564774 564774 564774 564774 564774 564774
564774 564774 564774 564774 564774 564774 564774 564774
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
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 Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused