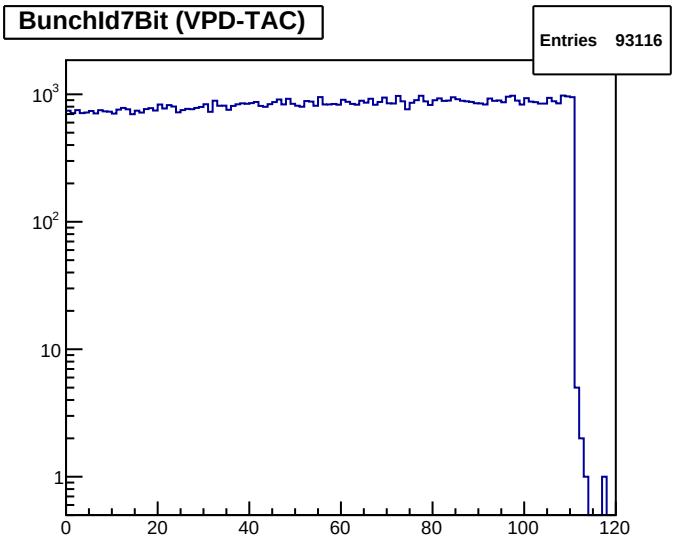
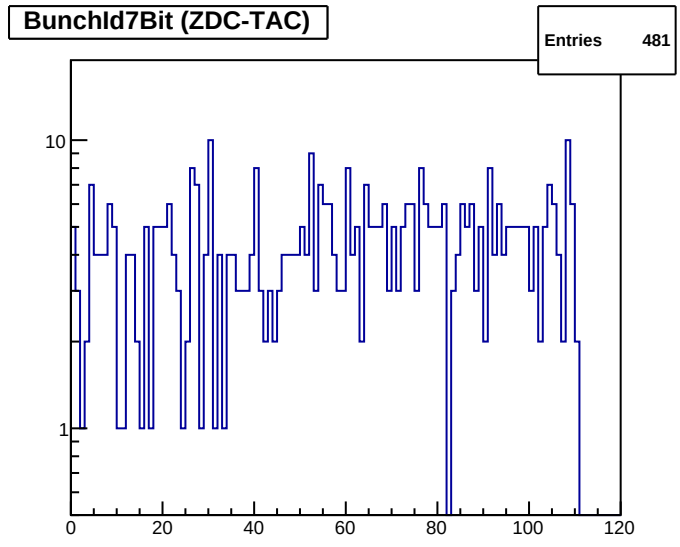
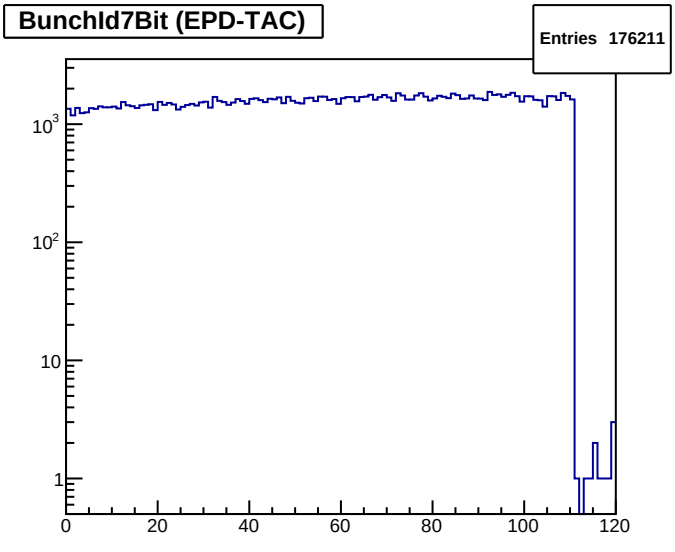
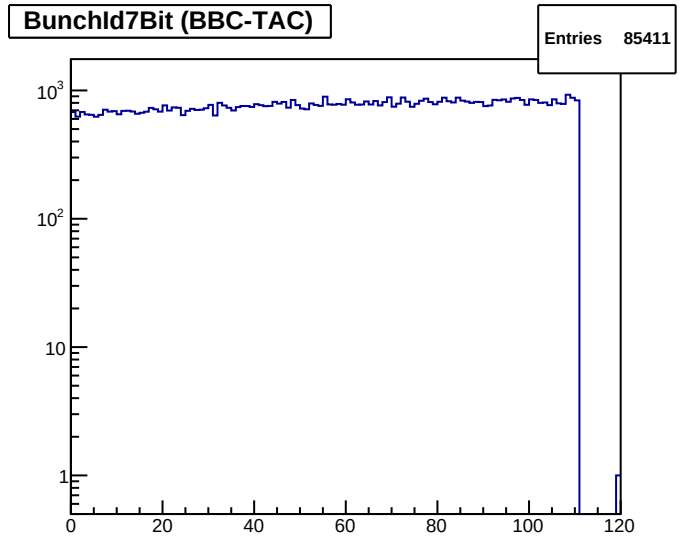
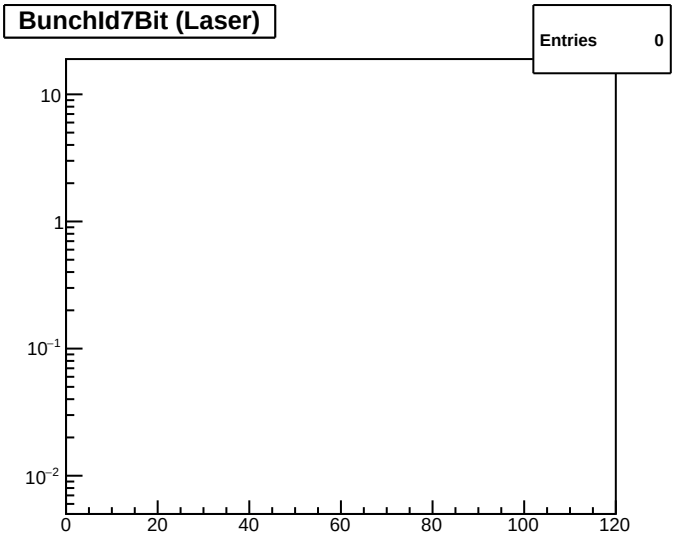
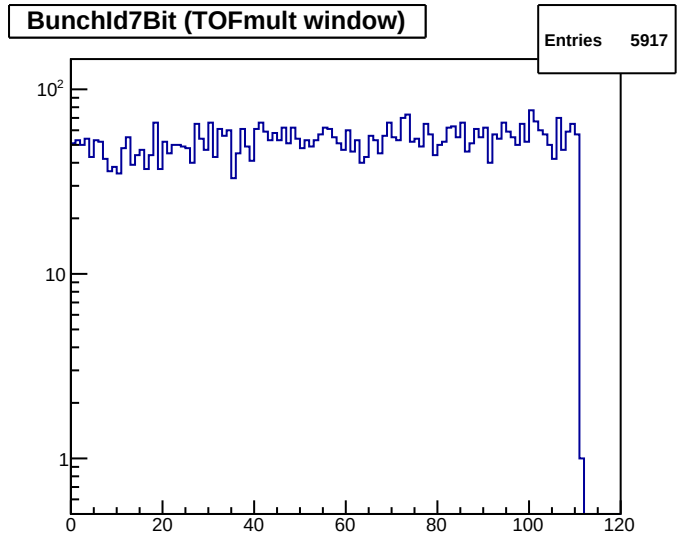

BunchId7Bit (VPD-TAC)
Entries 93116

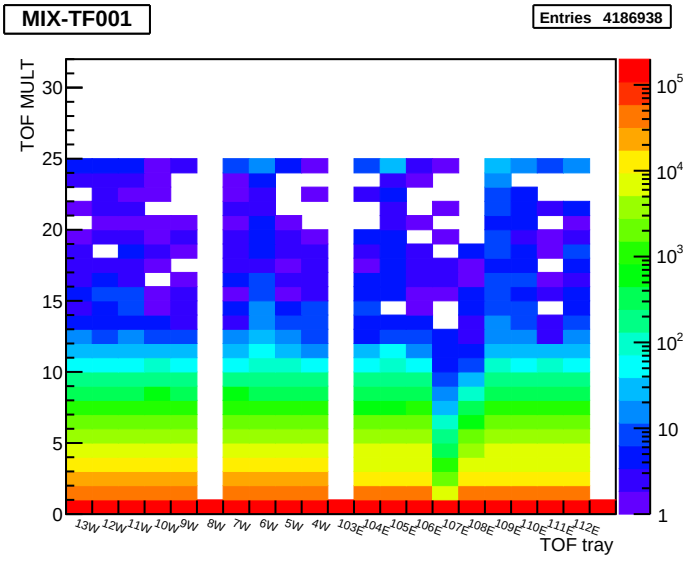

BunchId7Bit (ZDC-TAC)
Entries 481

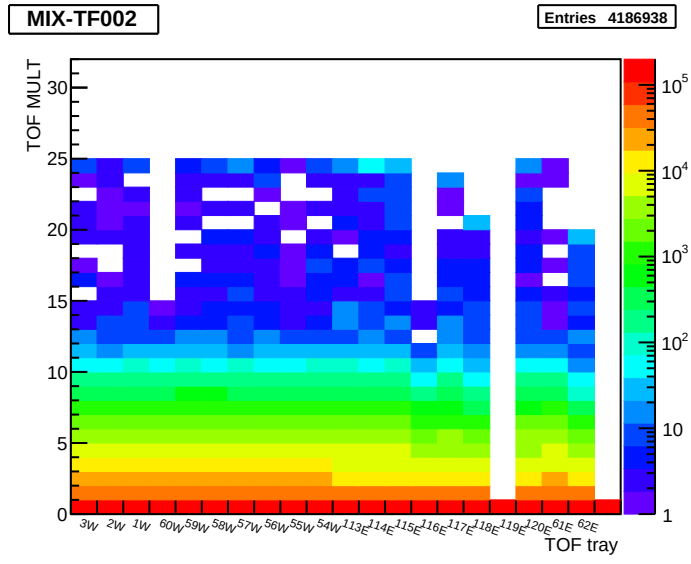

BunchId7Bit (EPD-TAC)
Entries 176211

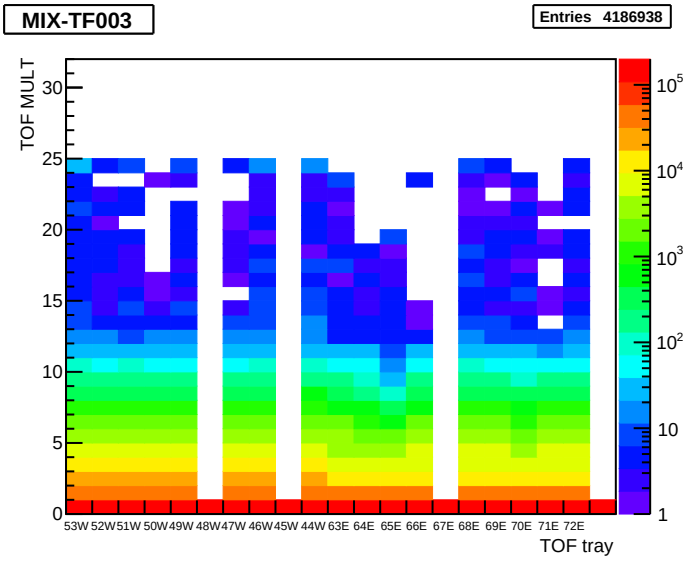

BunchId7Bit (BBC-TAC)
Entries 85411

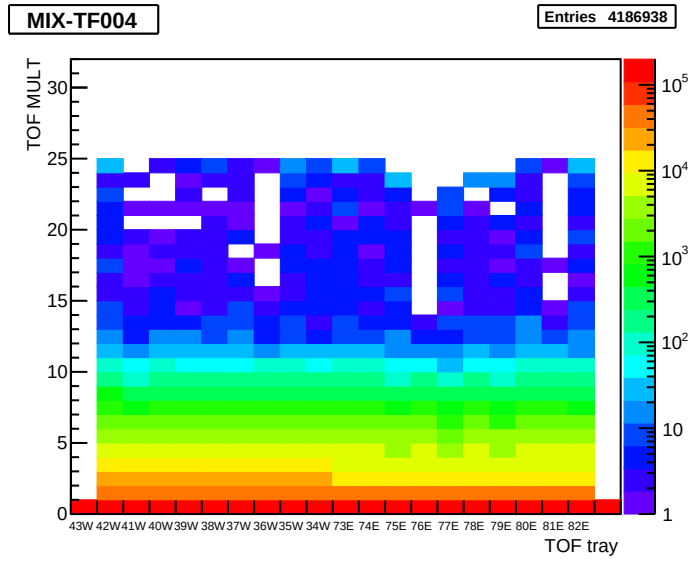

BunchId7Bit (Laser)
Entries 0

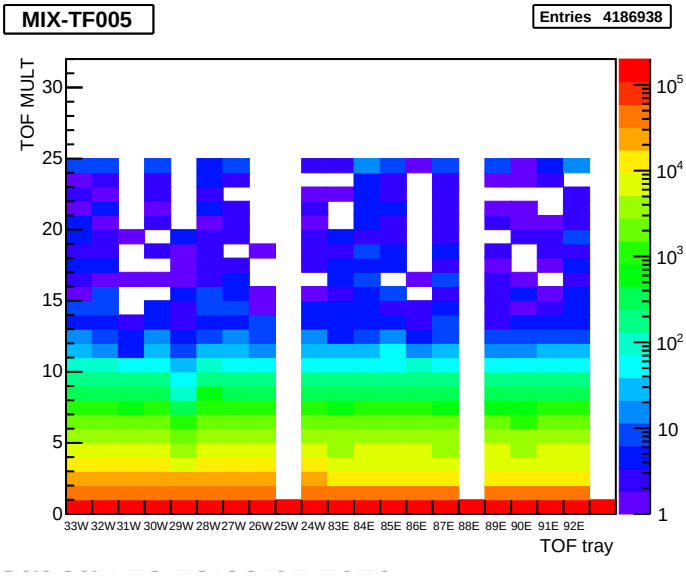

BunchId7Bit (TOFmult window)
Entries 5917

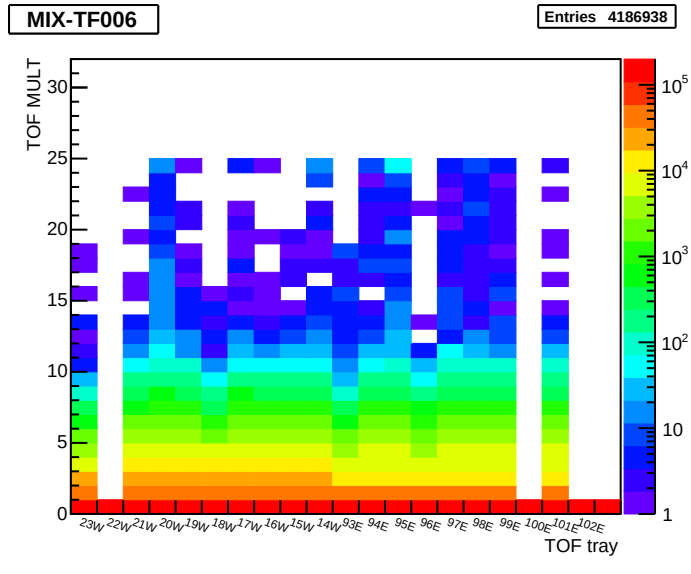

MIX-TF001
Entries 4186938
TOF MULT
TOF tray

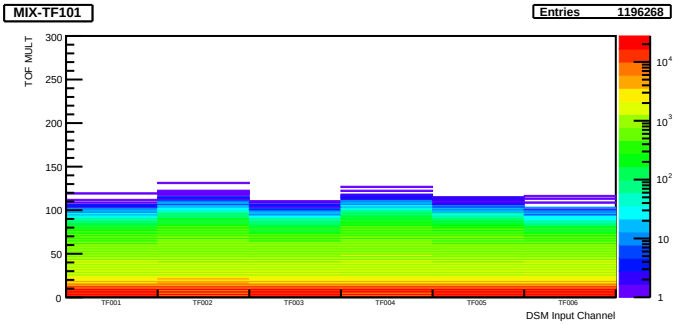

MIX-TF002
Entries 4186938
TOF MULT
TOF tray

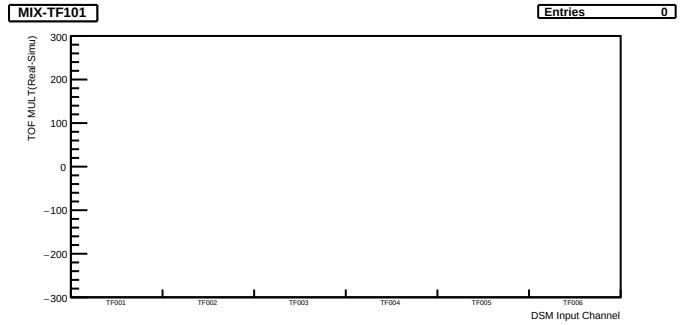

MIX-TF003
Entries 4186938
TOF MULT
TOF tray

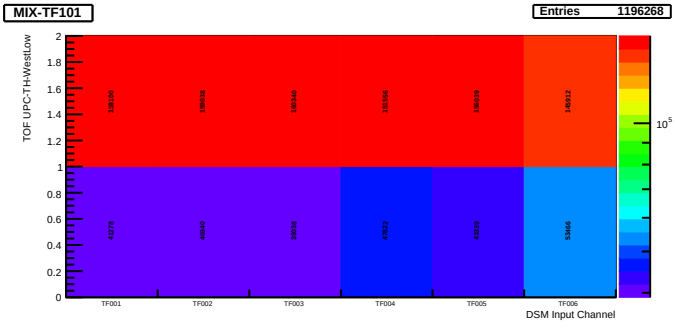

MIX-TF004
Entries 4186938
TOF MULT
TOF tray

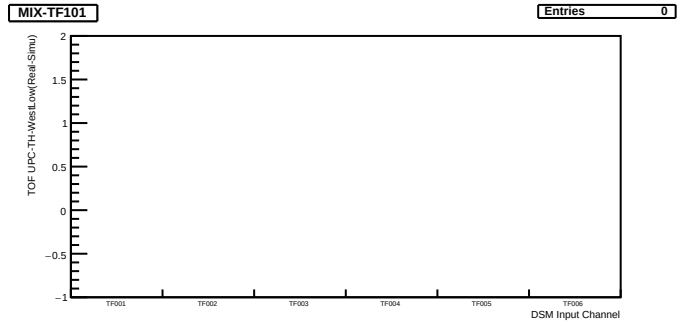

MIX-TF005
Entries 4186938
TOF MULT
TOF tray

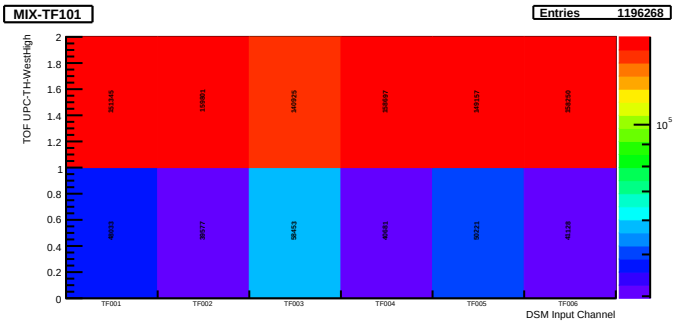

MIX-TF006
Entries 4186938
TOF MULT
TOF tray

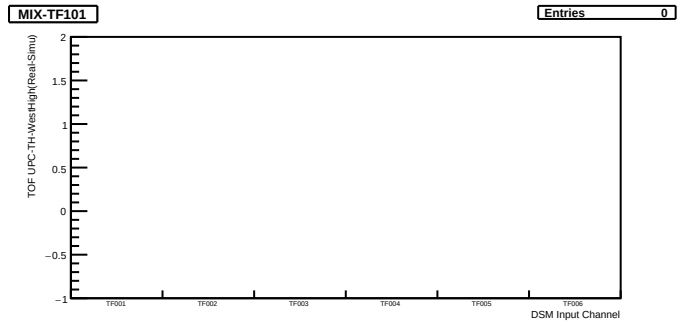

MIX-TF101
Entries 1196268
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

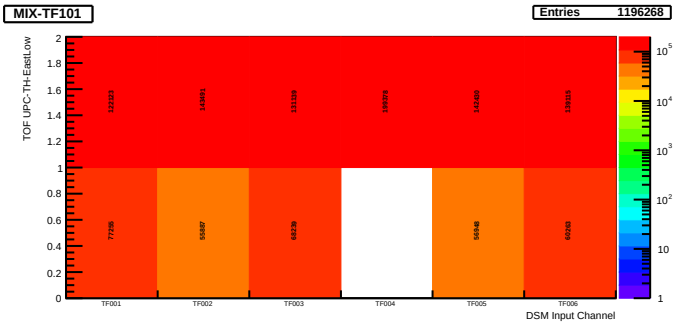

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

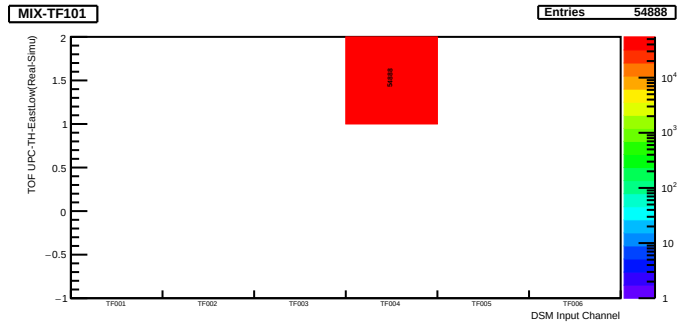

MIX-TF101
Entries 1196268
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

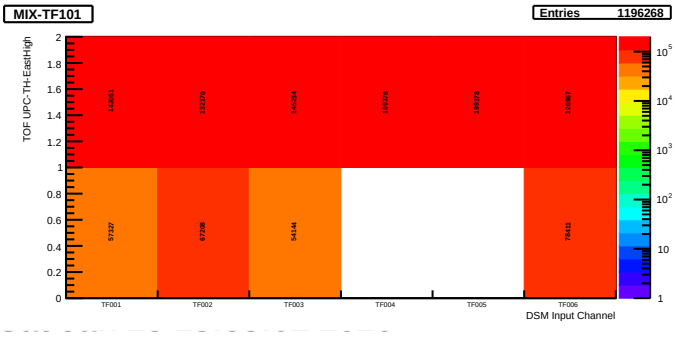

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

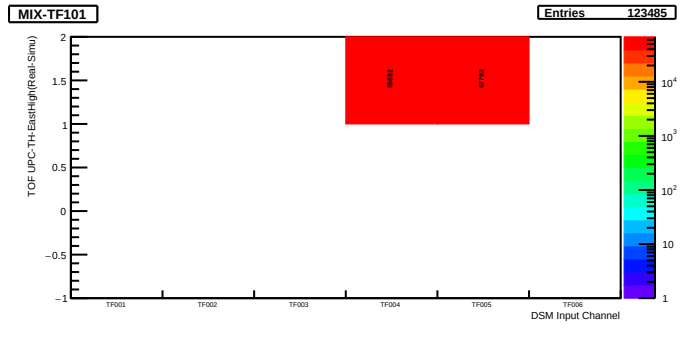

MIX-TF101
Entries 1196268
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

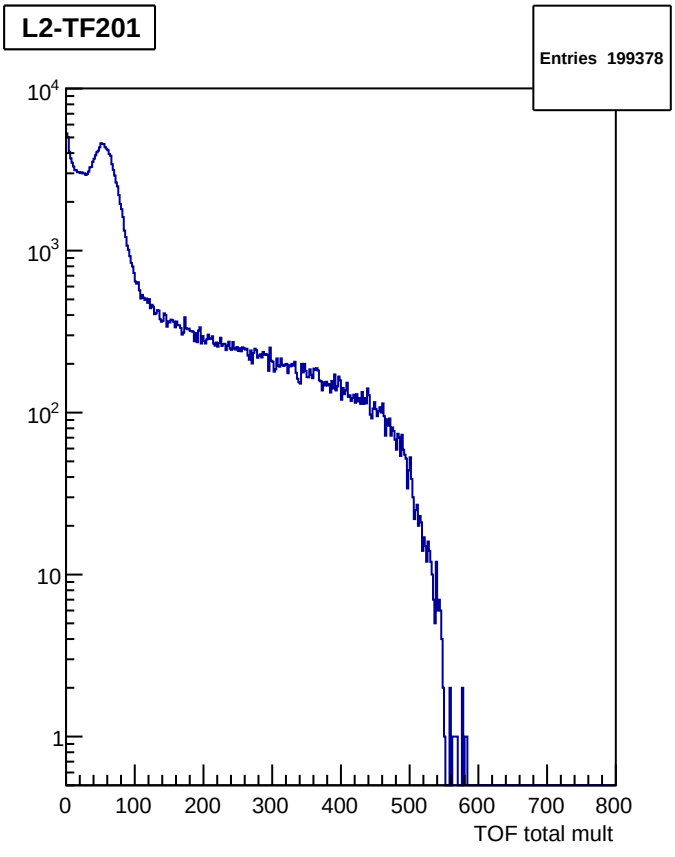

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

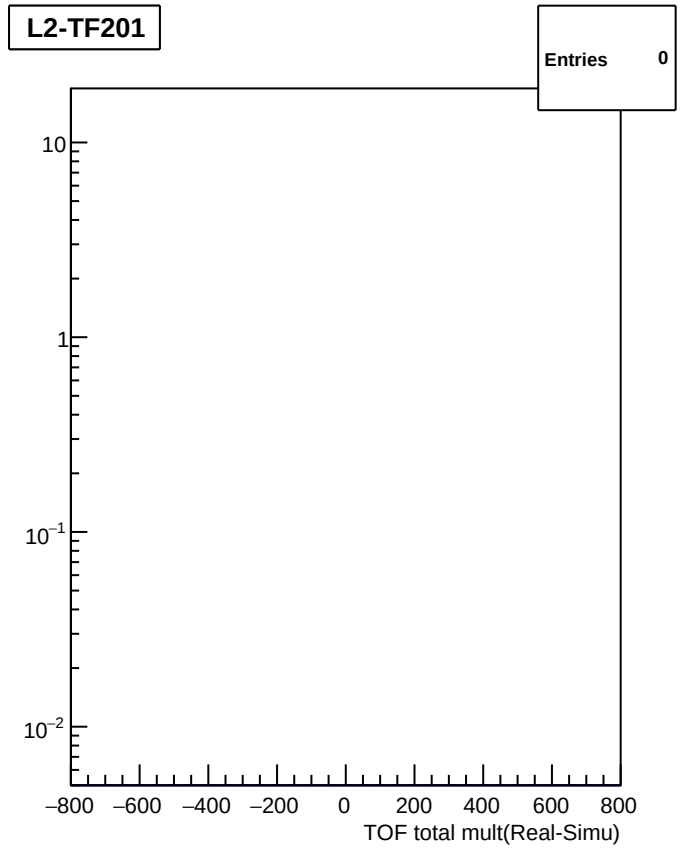

MIX-TF101
Entries 1196268
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

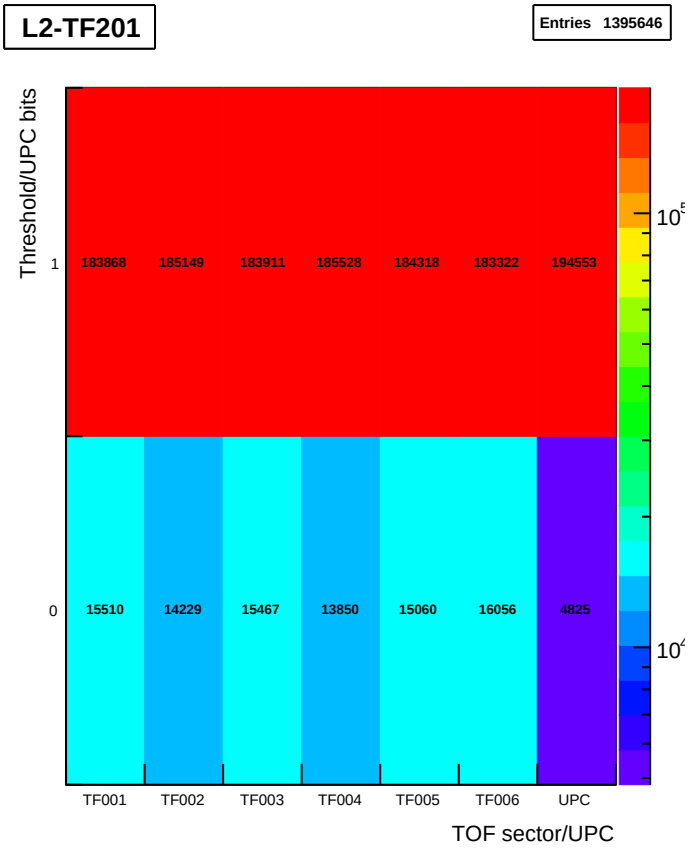

MIX-TF101
Entries 54888
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

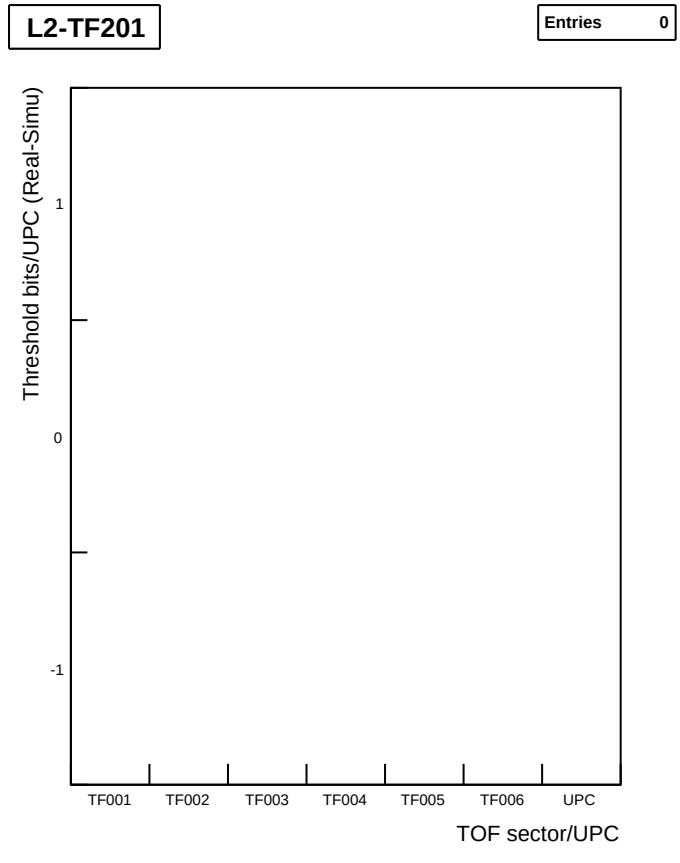

MIX-TF101
Entries 1196268
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

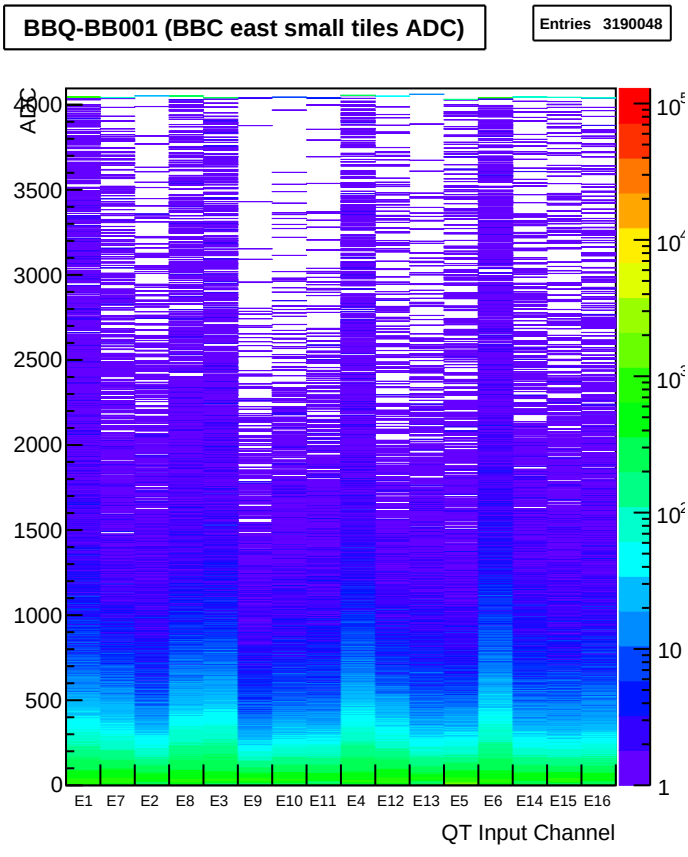

MIX-TF101
Entries 123485
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

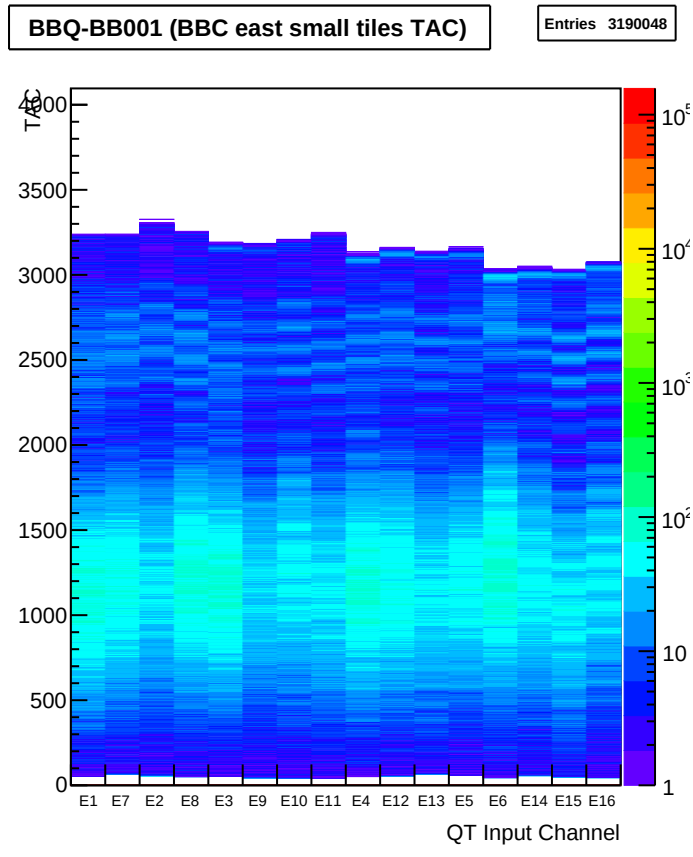

L2-TF201
Entries 199378
TOF total mult

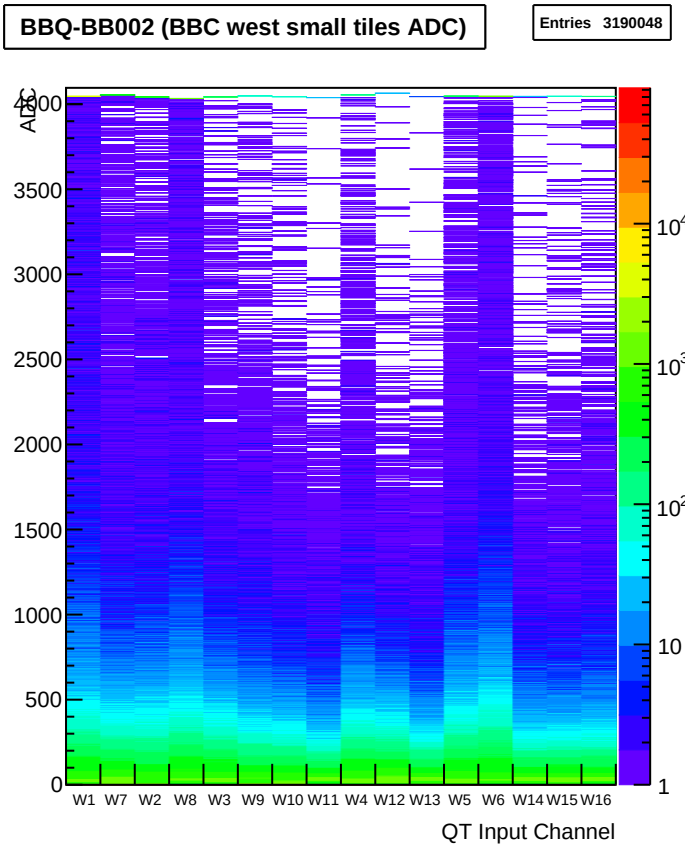

L2-TF201
Entries 0
TOF total mult(Real-Simu)

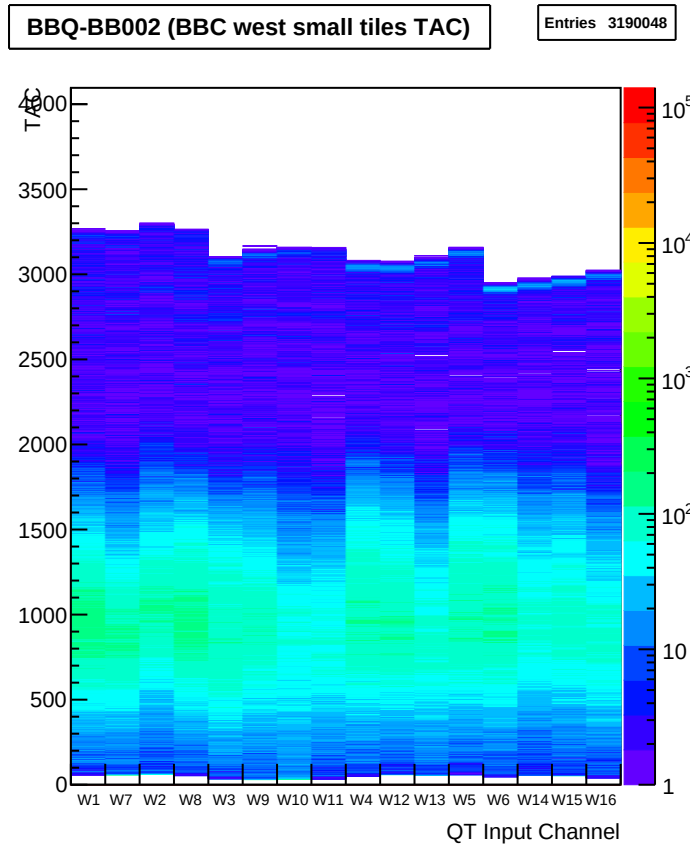

L2-TF201
Entries 1395646
Threshold/UPC bits
183868
185149
183911
185528
184318
183322
194553
15510
14229
15467
13850
15060
16056
4825
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

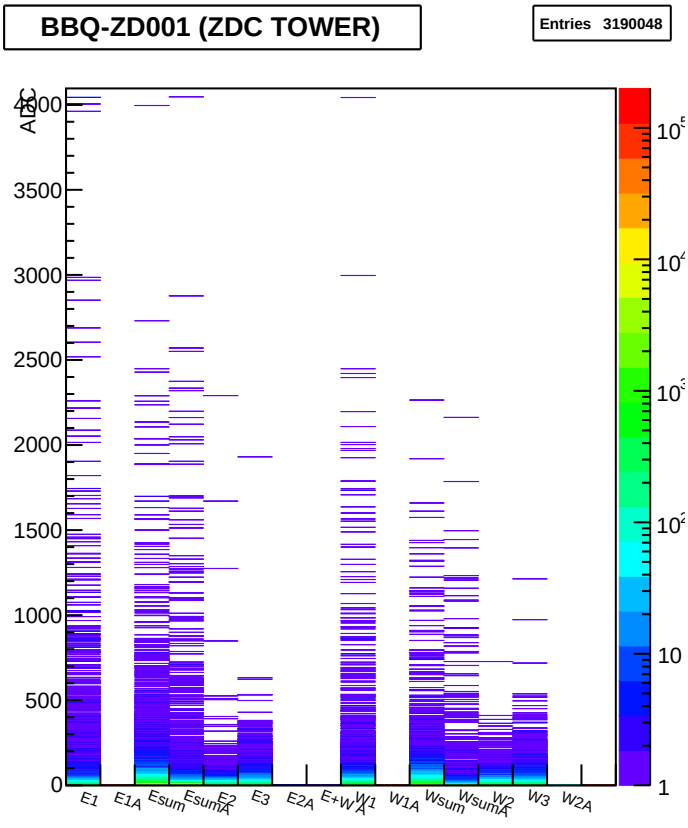

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

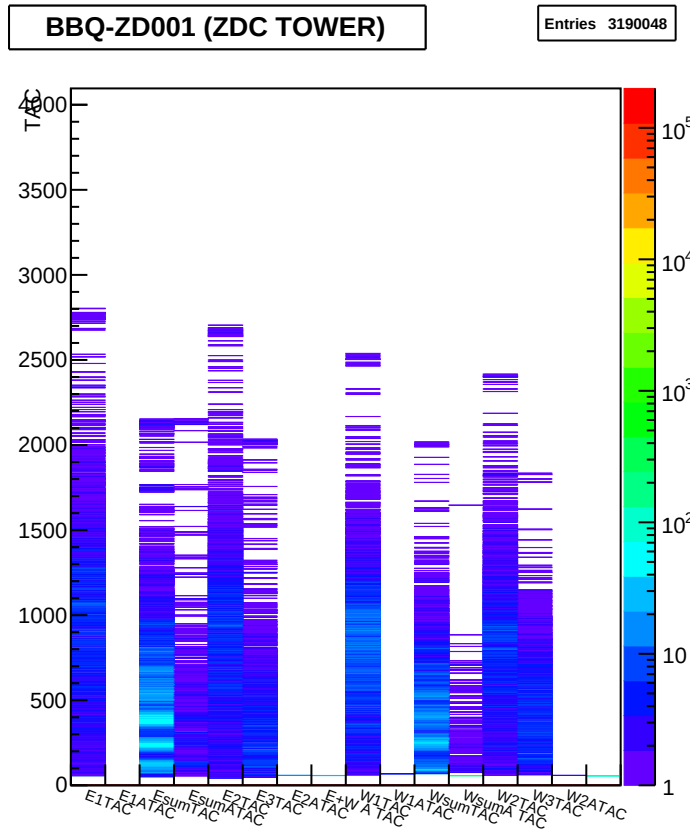

BBQ-BB001 (BBC east small tiles ADC)
Entries 3190048
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

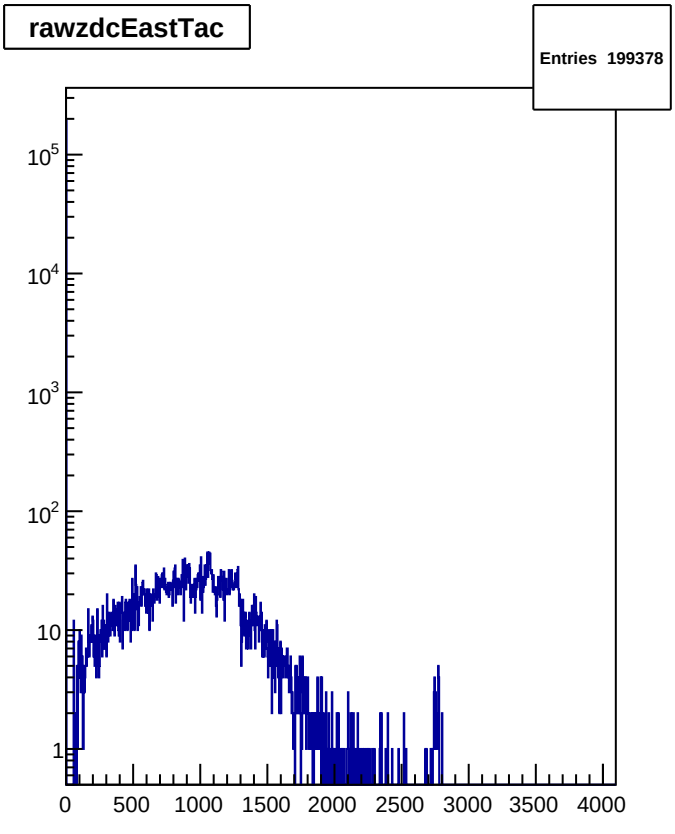

BBQ-BB001 (BBC east small tiles TAC)
Entries 3190048
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

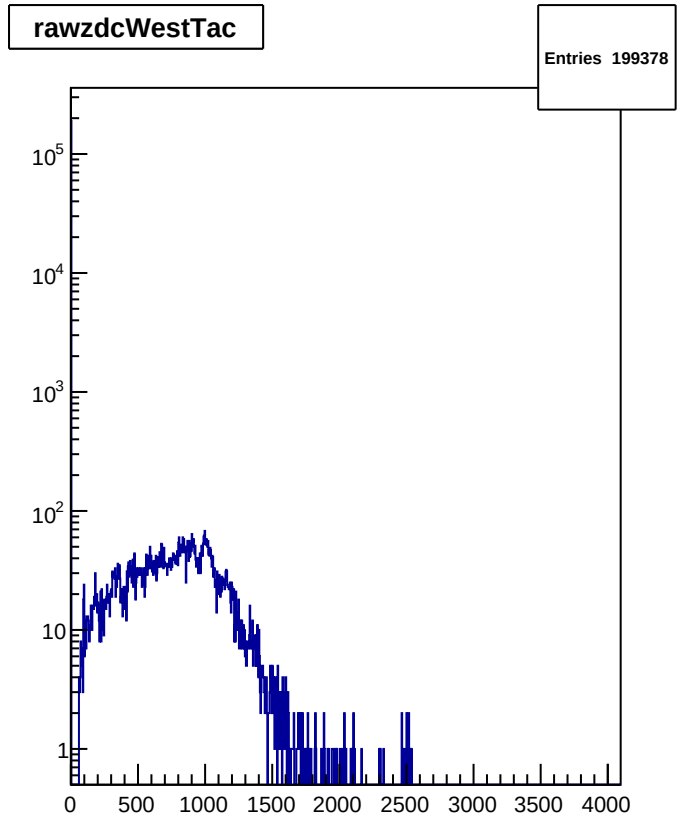

BBQ-BB002 (BBC west small tiles ADC)
Entries 3190048
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

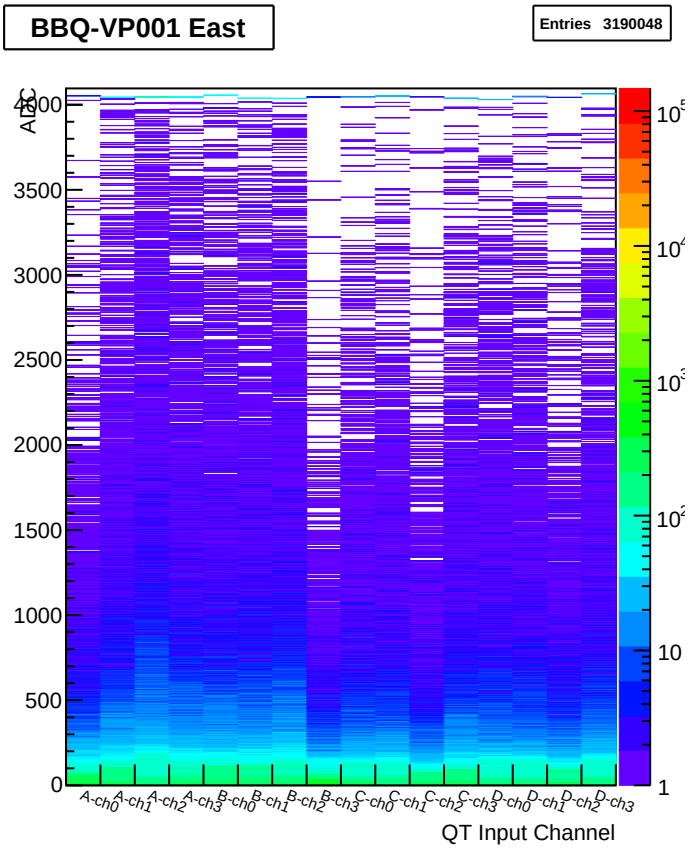

BBQ-BB002 (BBC west small tiles TAC)
Entries 3190048
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

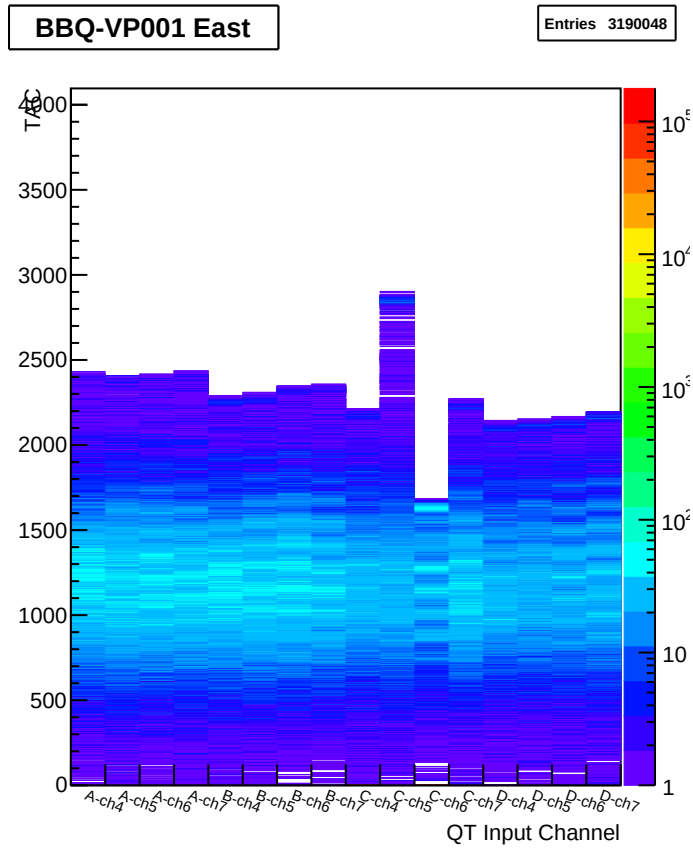

BBQ-ZD001 (ZDC TOWER)
Entries 3190048
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

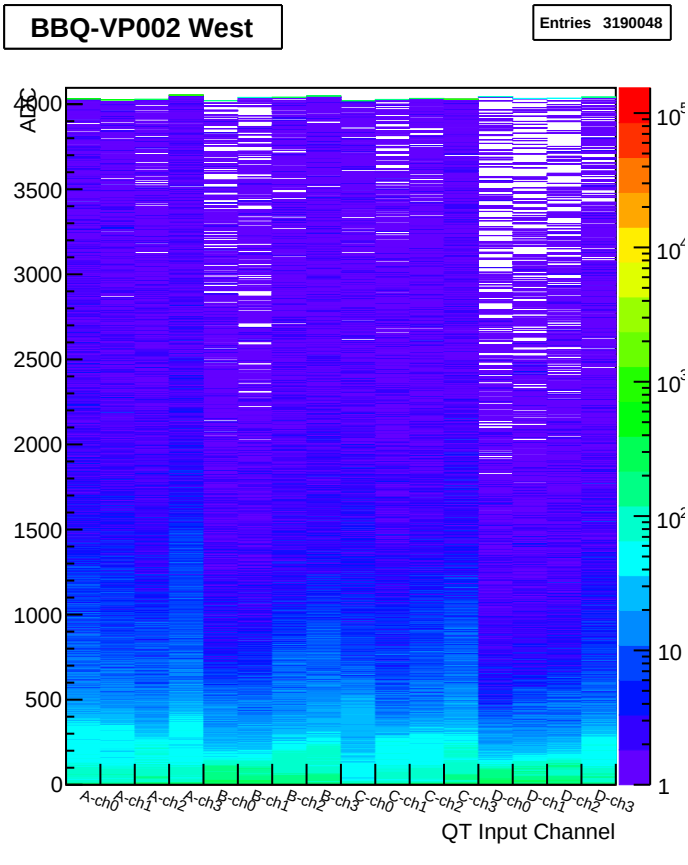

BBQ-ZD001 (ZDC TOWER)
Entries 3190048
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumATAC
W2TAC
W3TAC
W2ATAC

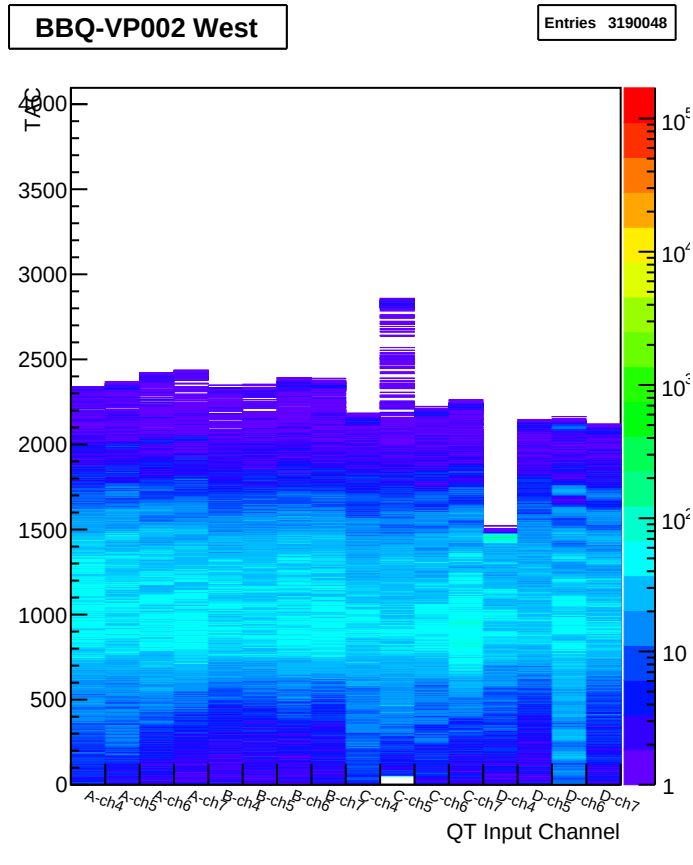

rawzdcEastTac
Entries 199378

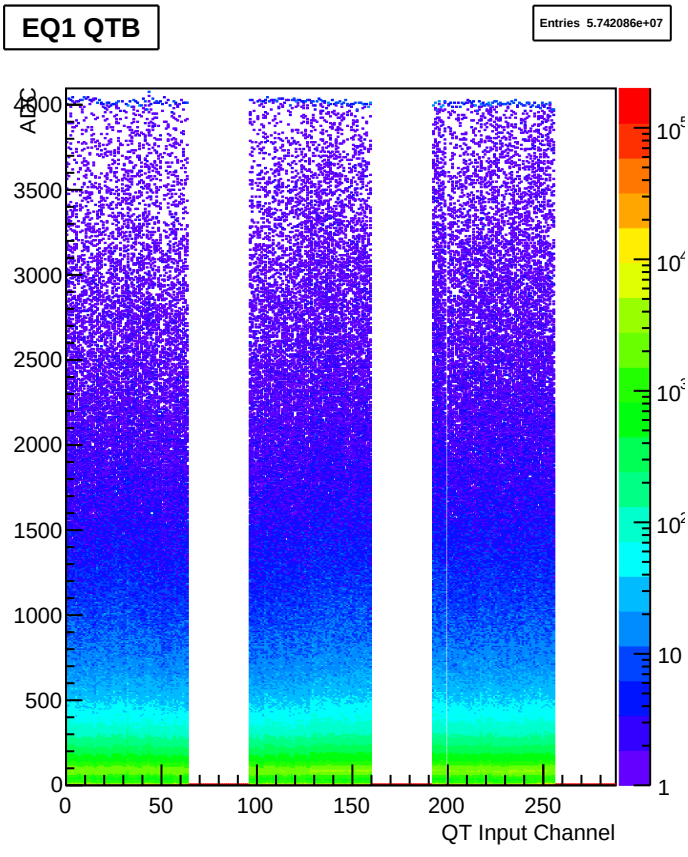

rawzdcWestTac
Entries 199378

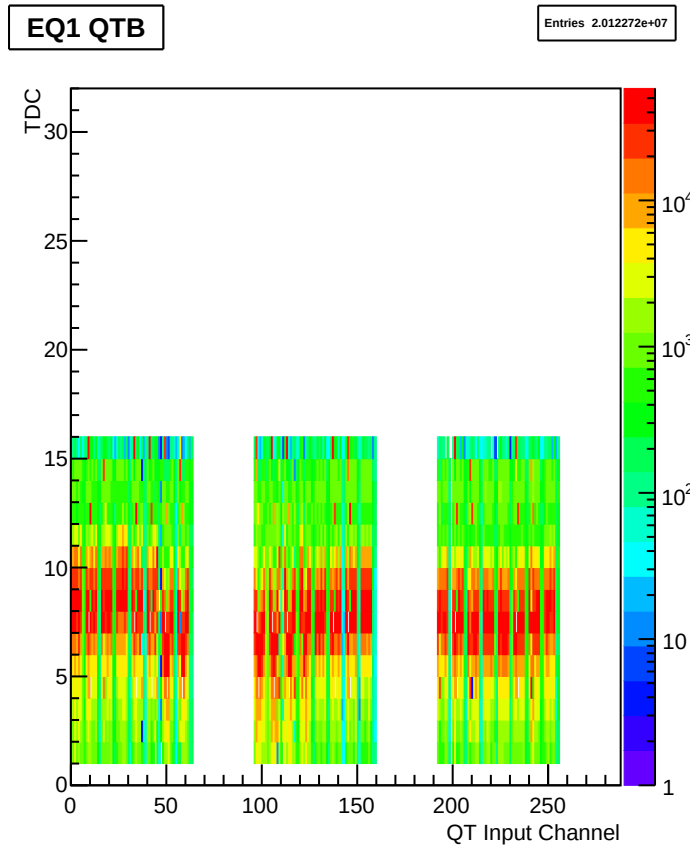

BBQ-VP001 East
Entries 3190048
ADC
QT Input Channel

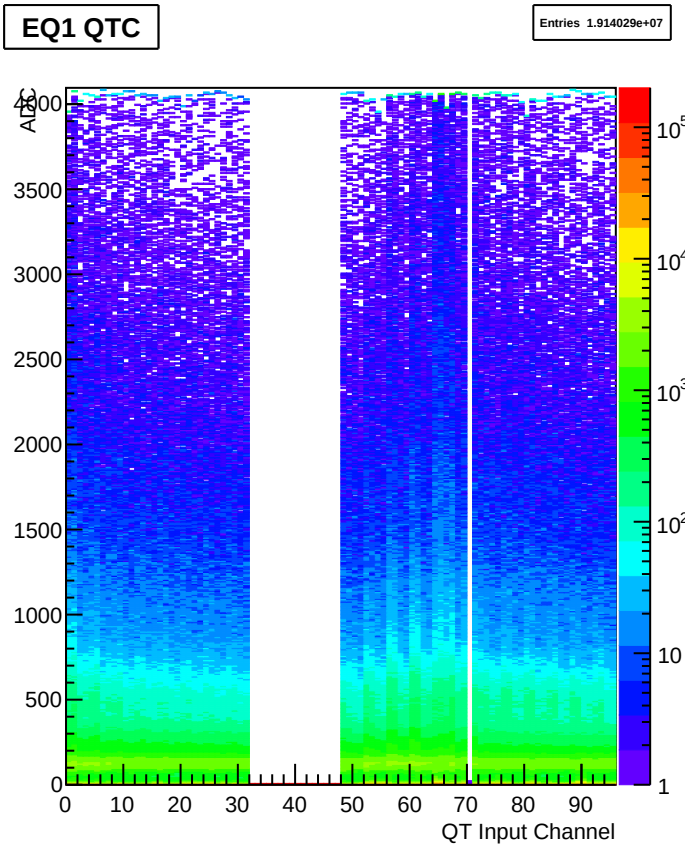

BBQ-VP001 East
Entries 3190048
TADC
QT Input Channel

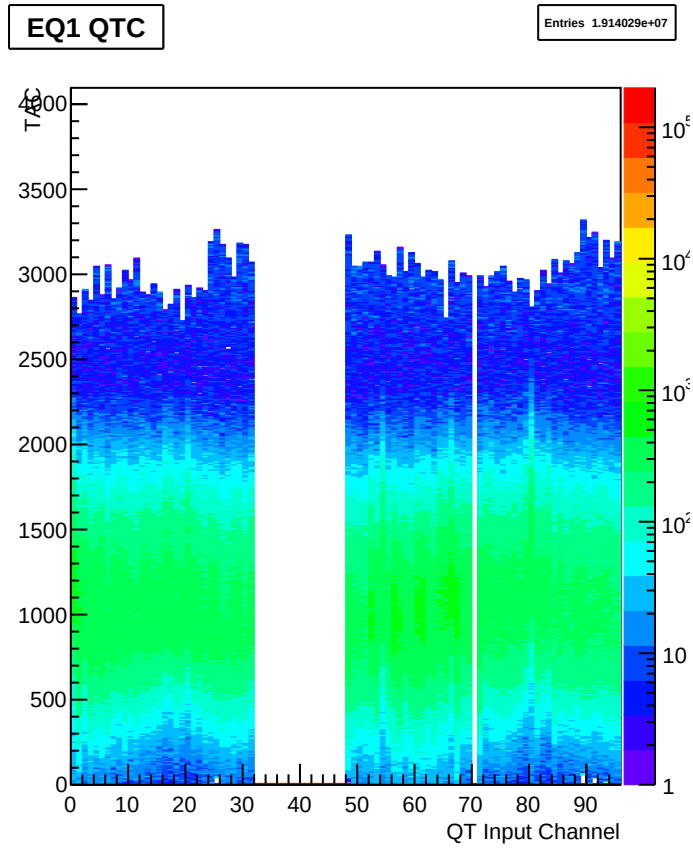

BBQ-VP002 West
Entries 3190048
ADC
QT Input Channel

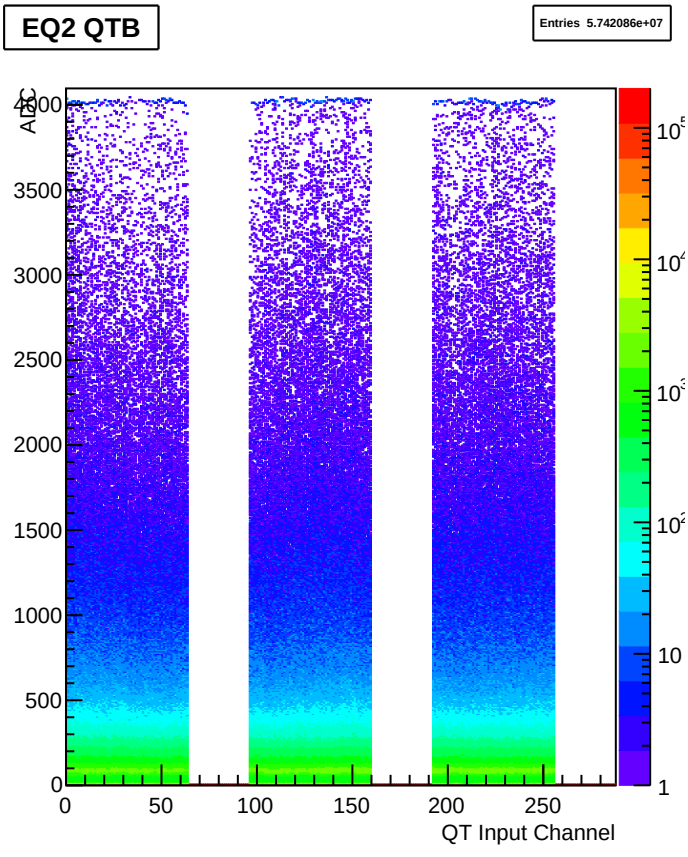

BBQ-VP002 West
Entries 3190048
TADC
QT Input Channel

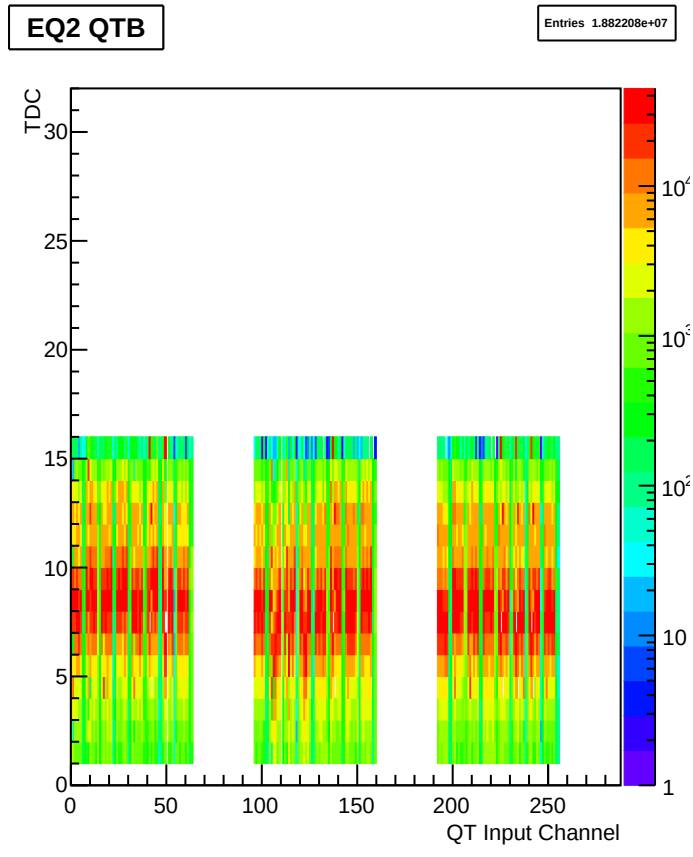

EQ1 QTB
Entries 5.742086e+07
ADC
QT Input Channel

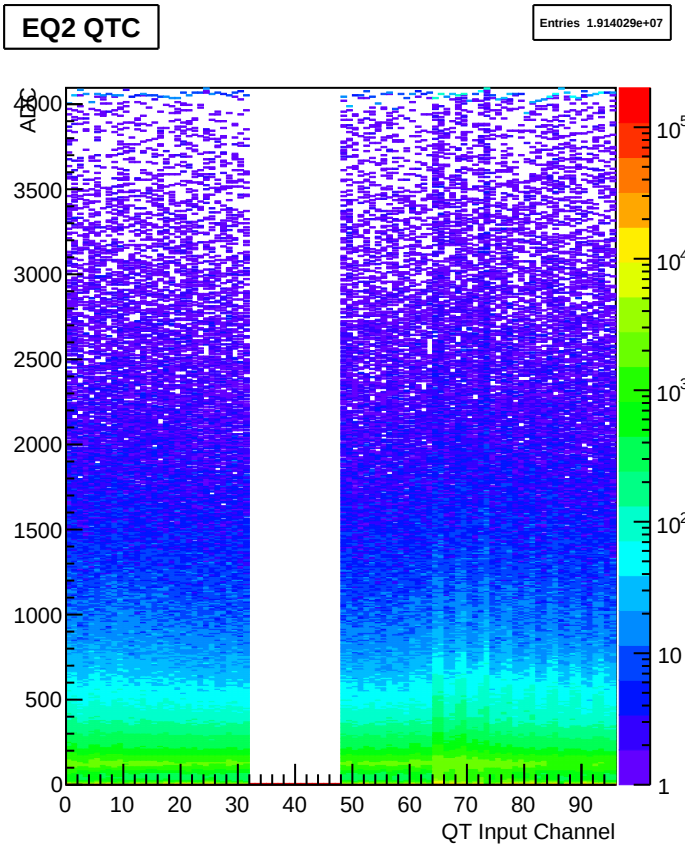

EQ1 QTB
Entries 2.012272e+07
TDC
QT Input Channel

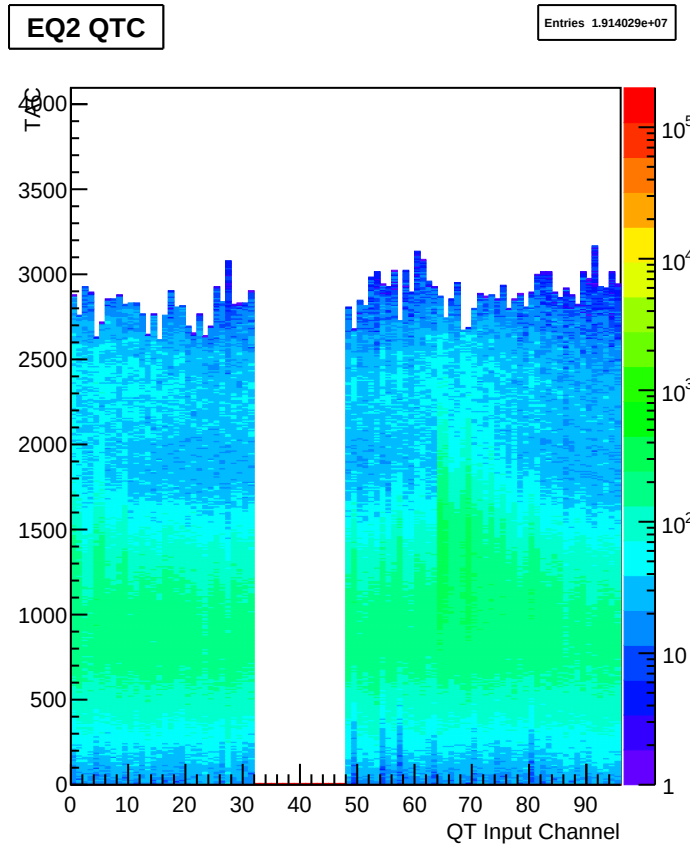

EQ1 QTC
Entries 1.914029e+07
ADC
QT Input Channel

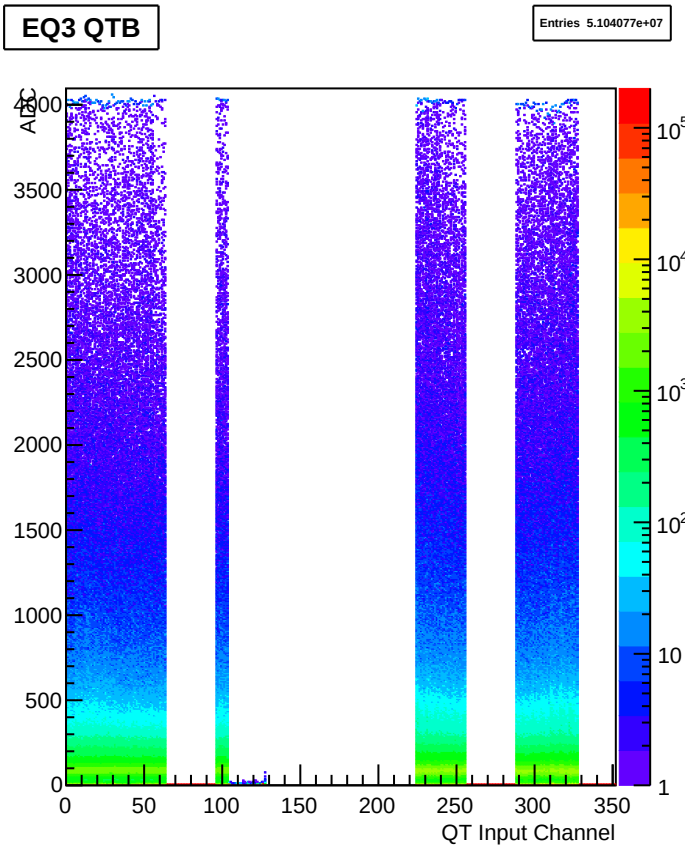

EQ1 QTC
Entries 1.914029e+07
TADC
QT Input Channel

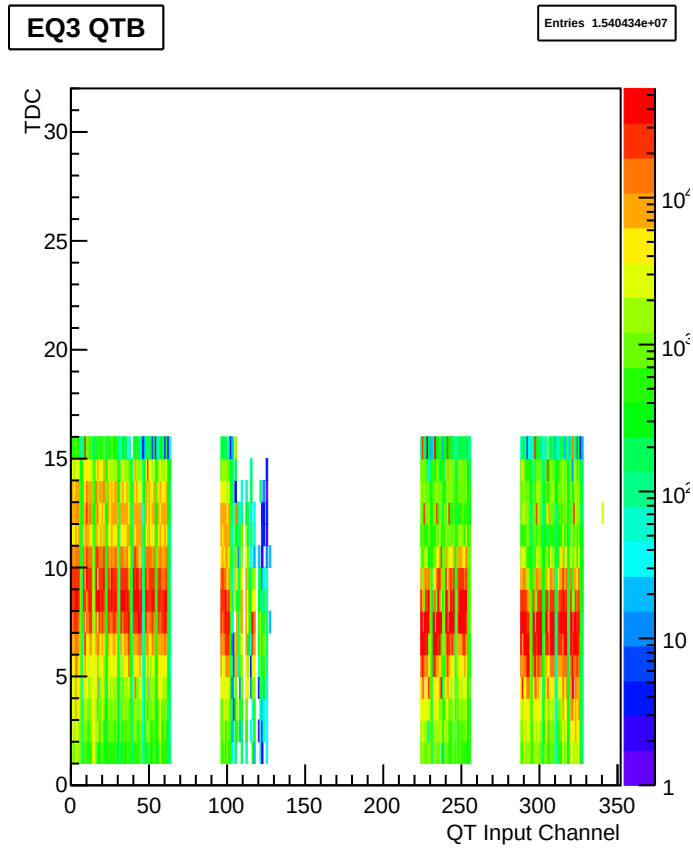

EQ2 QTB
Entries 5.742086e+07
ADC
QT Input Channel

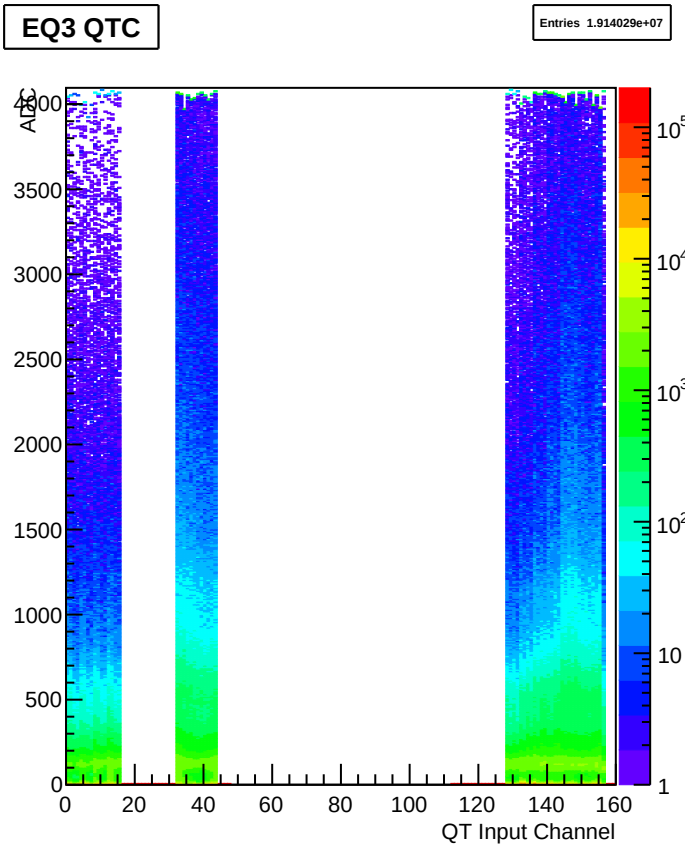

EQ2 QTB
Entries 1.882208e+07
TDC
QT Input Channel

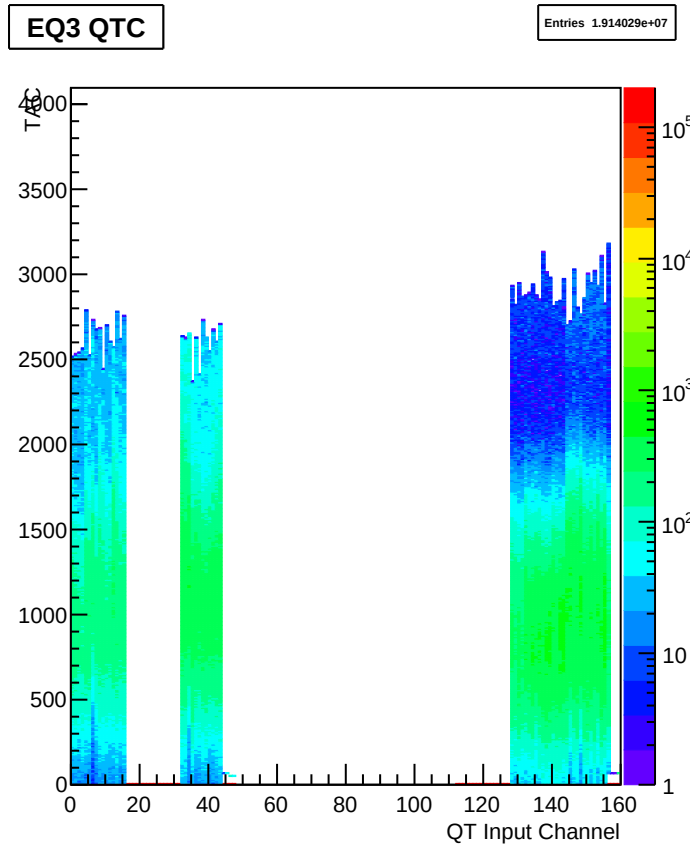

EQ2 QTC
Entries 1.914029e+07
ADC
QT Input Channel

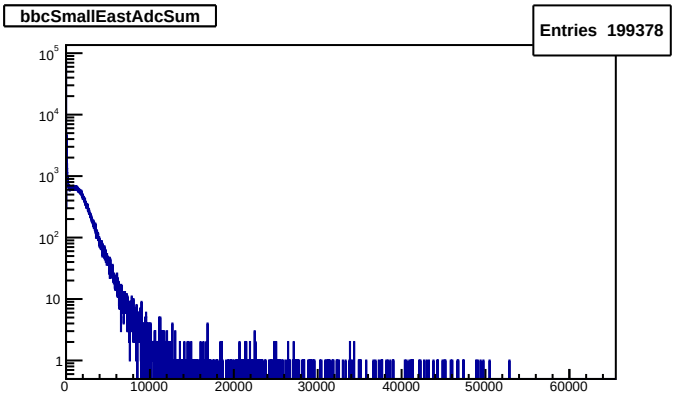

EQ2 QTC
Entries 1.914029e+07
TADC
QT Input Channel

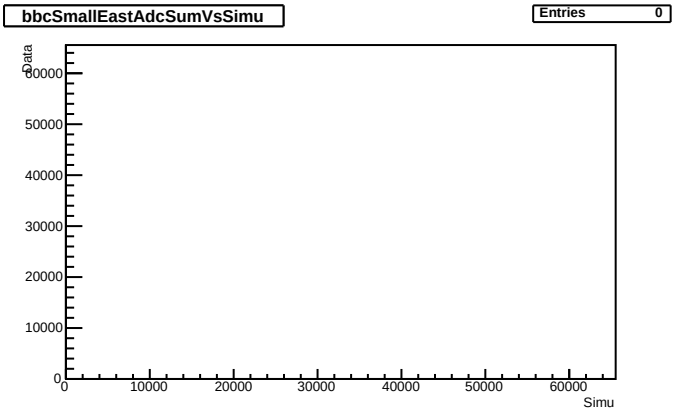

EQ3 QTB
Entries 5.104077e+07
ADC
QT Input Channel

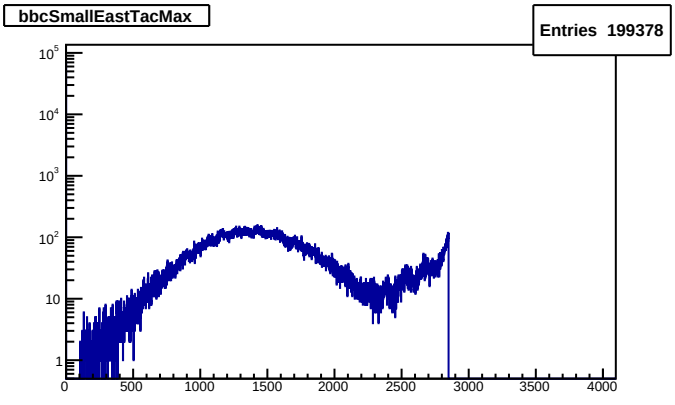

EQ3 QTB
Entries 1.540434e+07
TDC
QT Input Channel

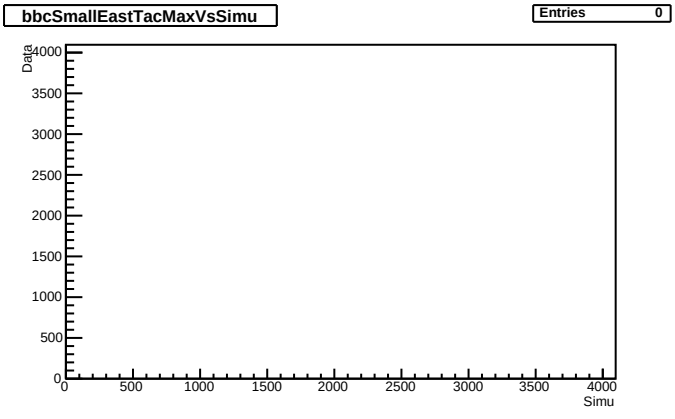

EQ3 QTC
Entries 1.914029e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.914029e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 199378


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 199378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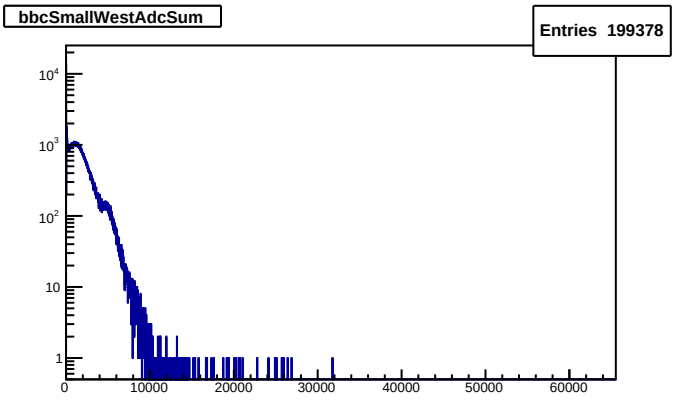
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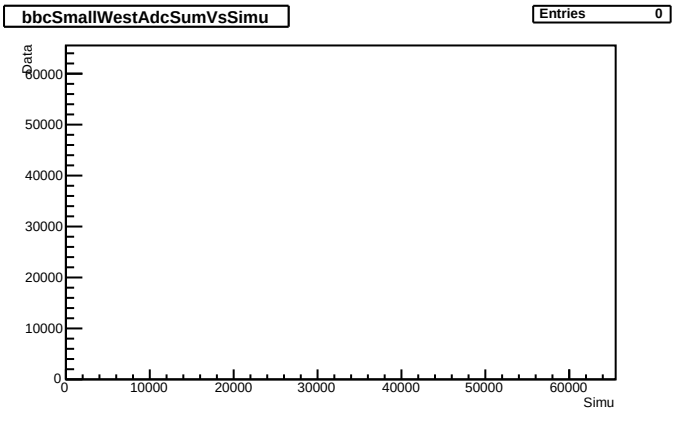
Entries 199378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Entries 0
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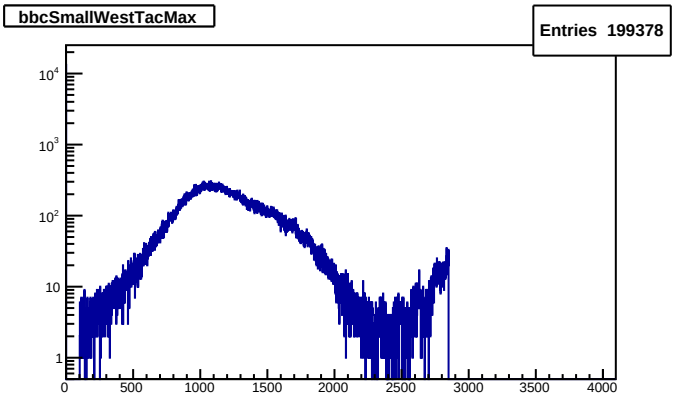
Simu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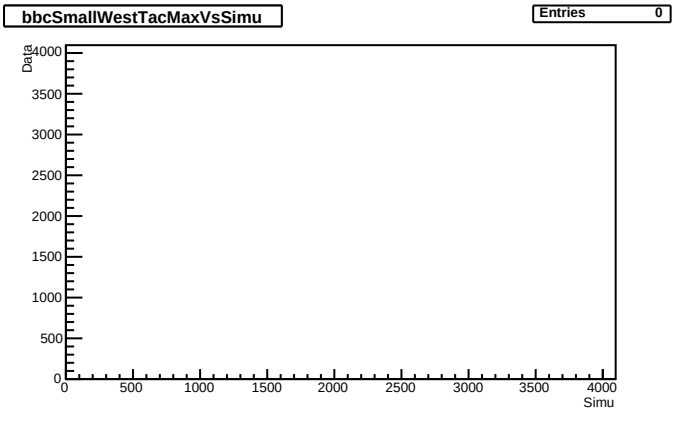
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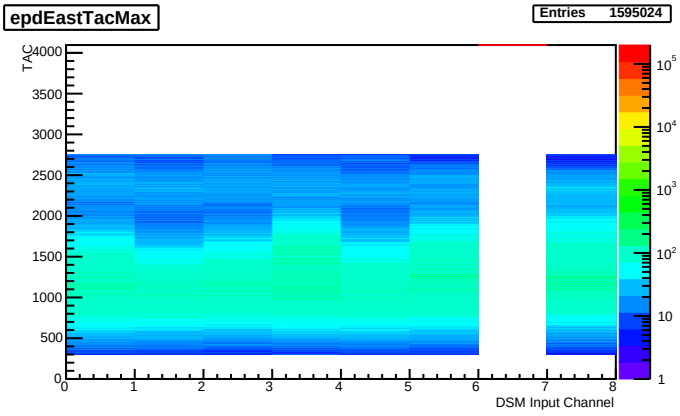
Entries 0
Data
Simu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Entries 1595024
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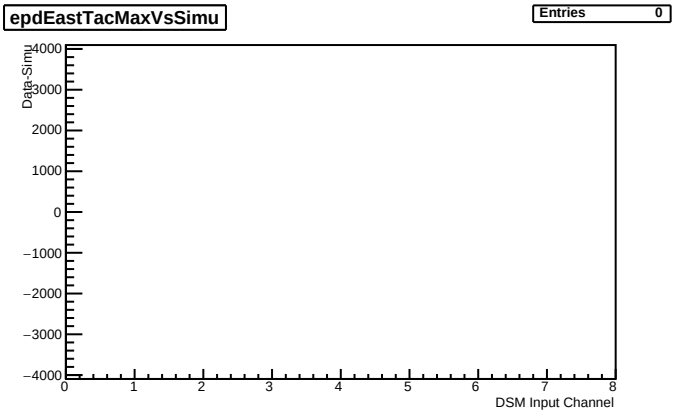
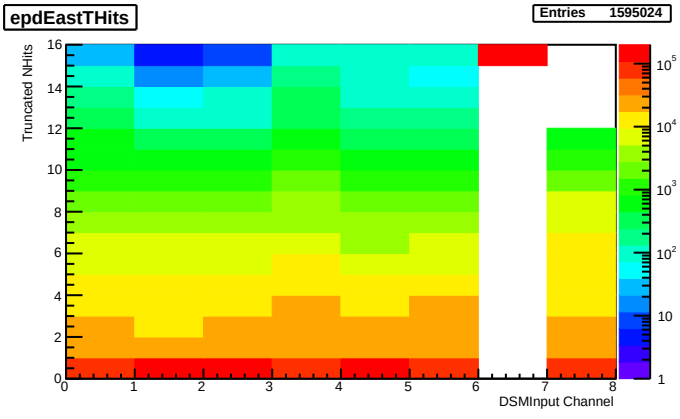
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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Entries 1595024
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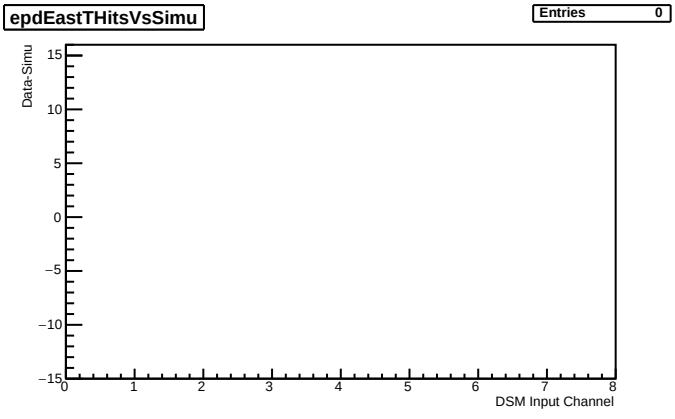
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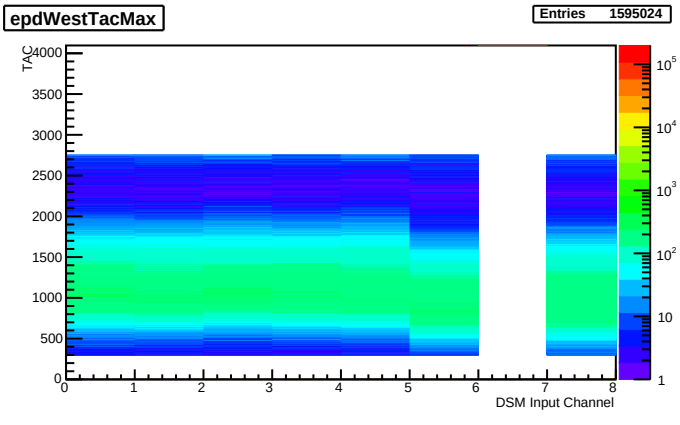
Data-Simu
DSM Input Channel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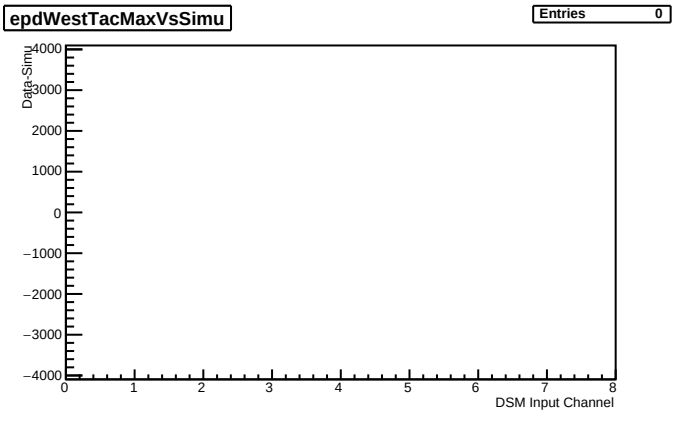
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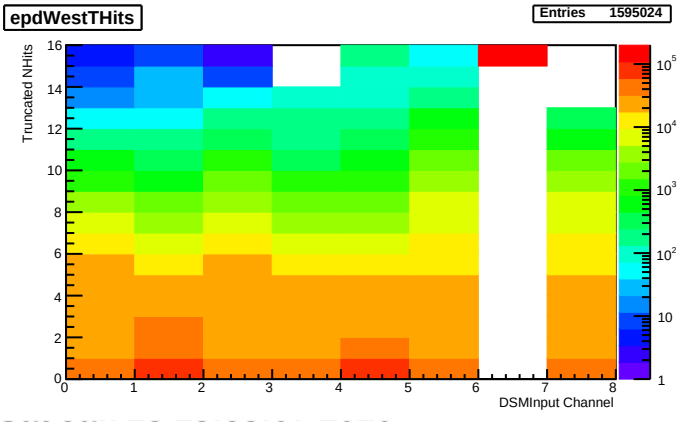
DSM Input Channel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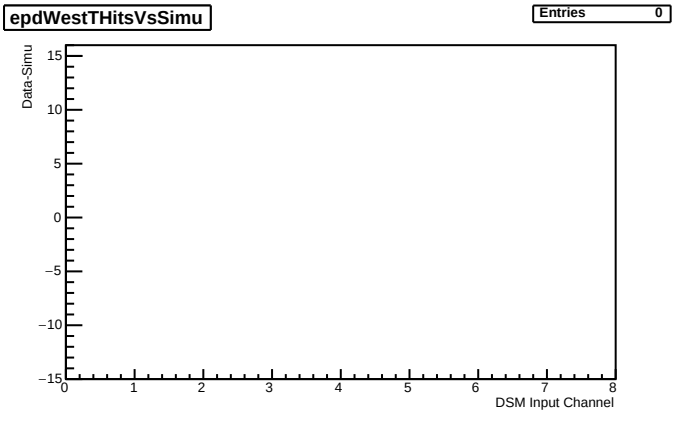
Entries 1595024
Truncated NHits
DSMInput Channel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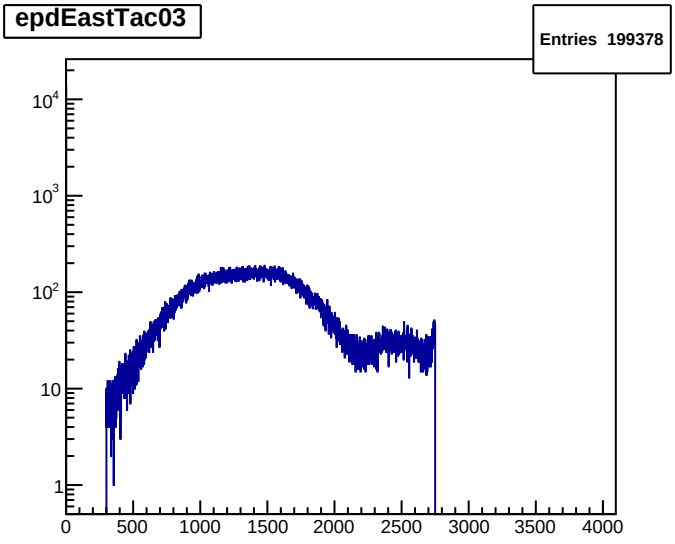
DSM Input Channel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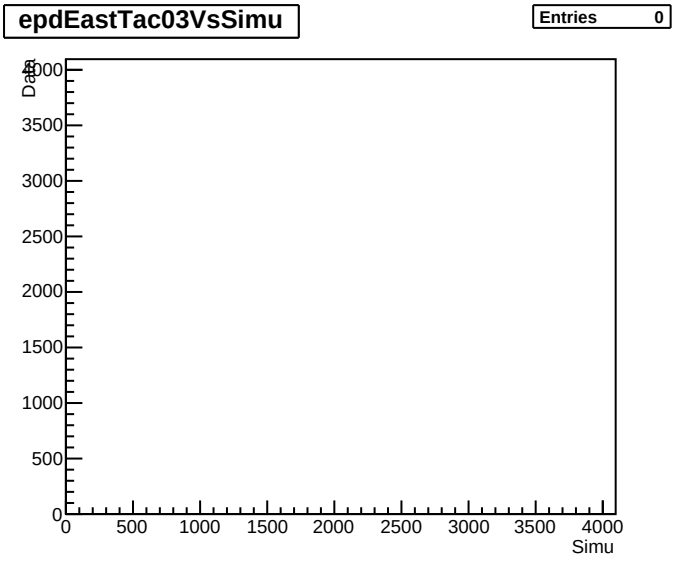
Entries 199378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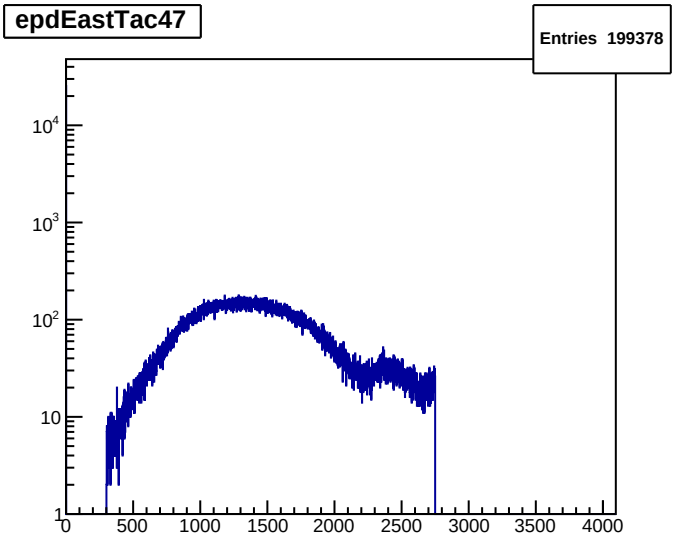
Entries 0
Data
Simu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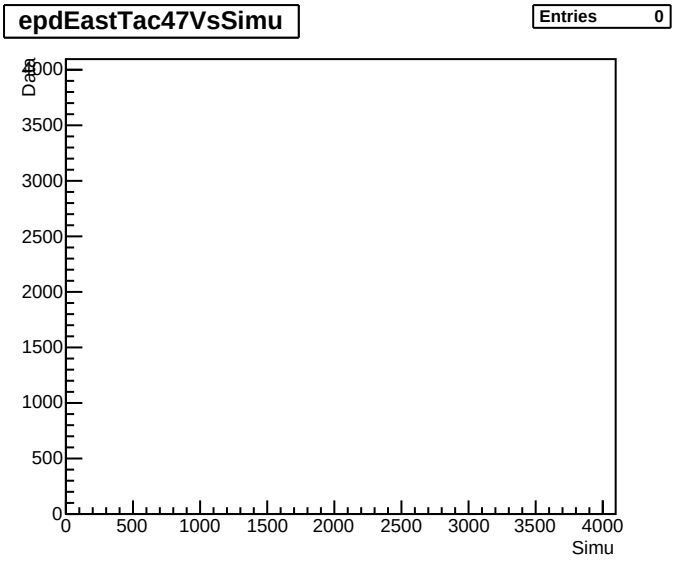
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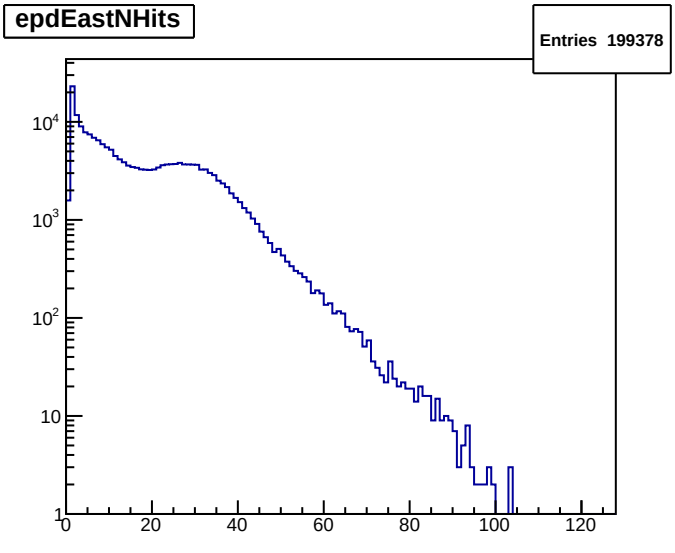
Entries 0
Data
Simu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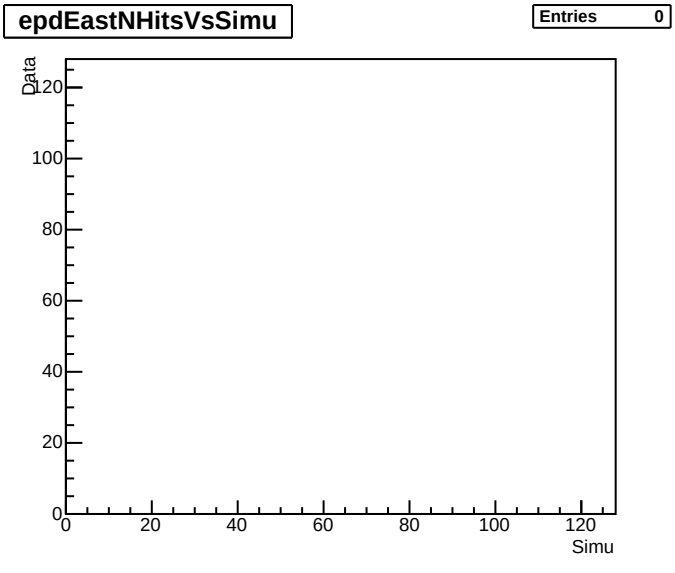
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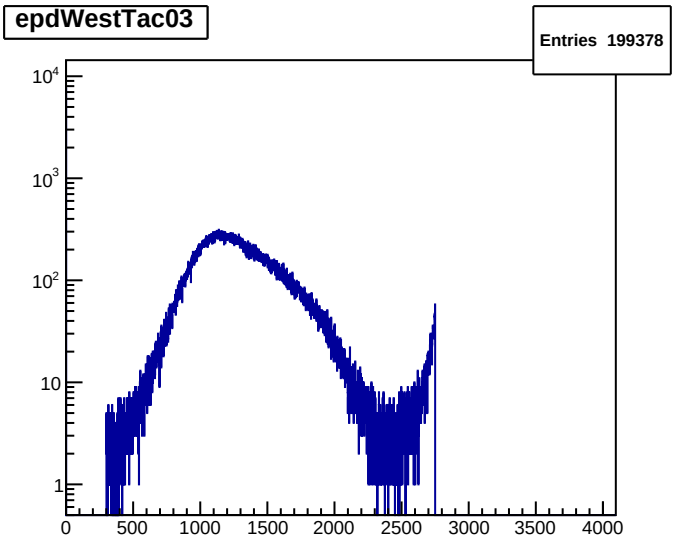
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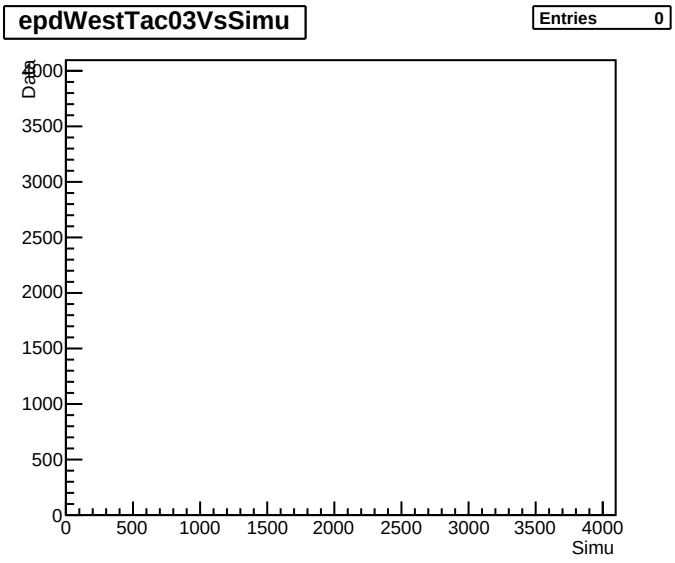
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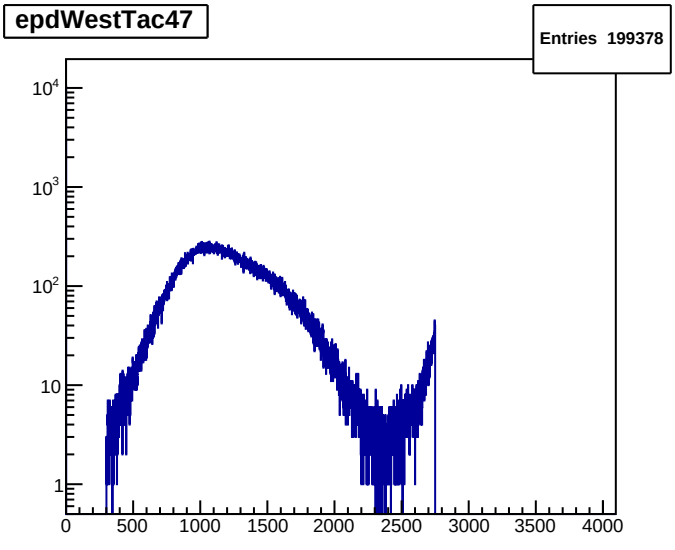
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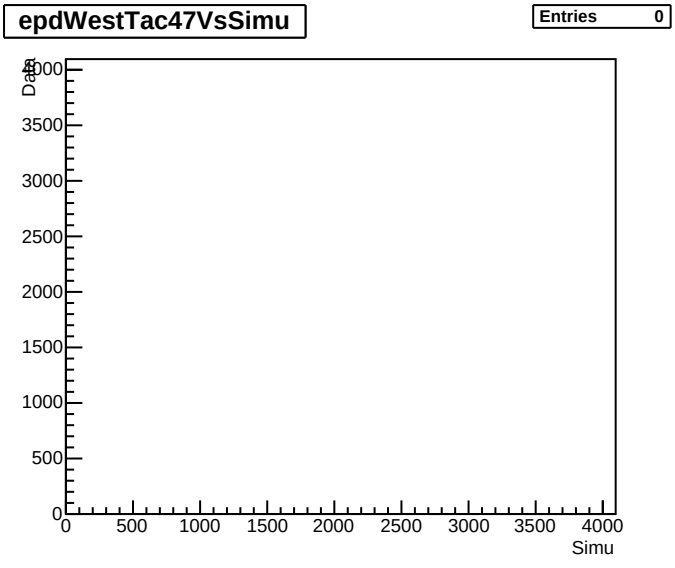
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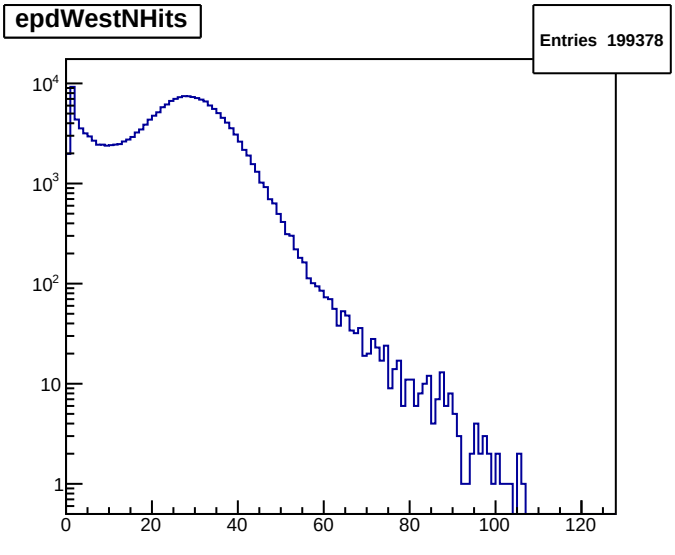
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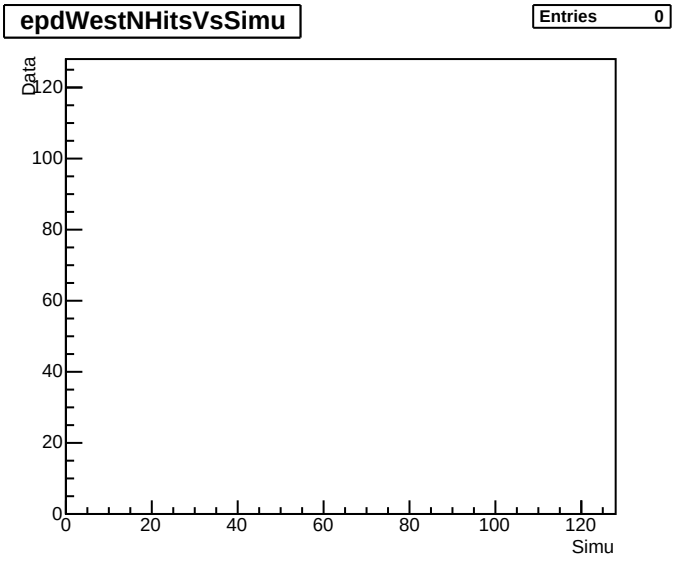
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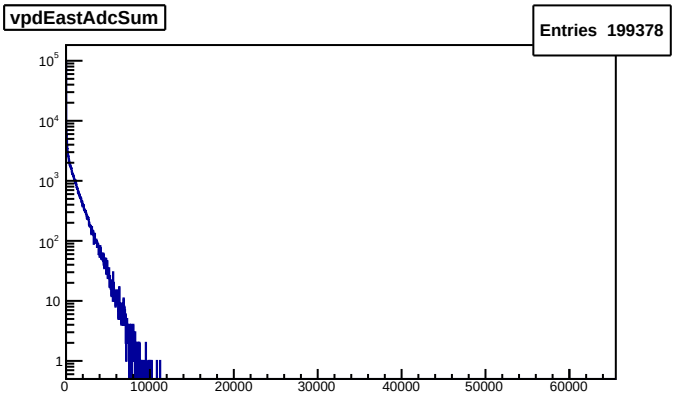
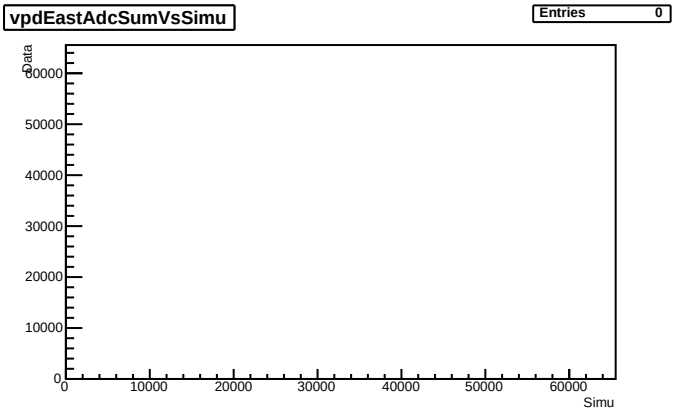
Entries 0
Data
Simu


vpdEastAdcSum
Entries 199378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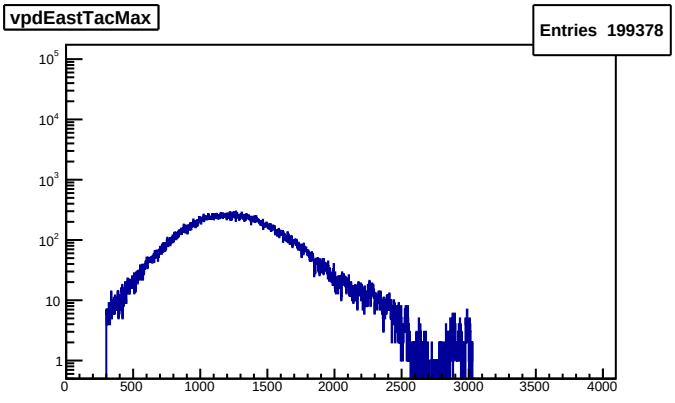
Entries 0
Data
Simu


vpdEastTacMax
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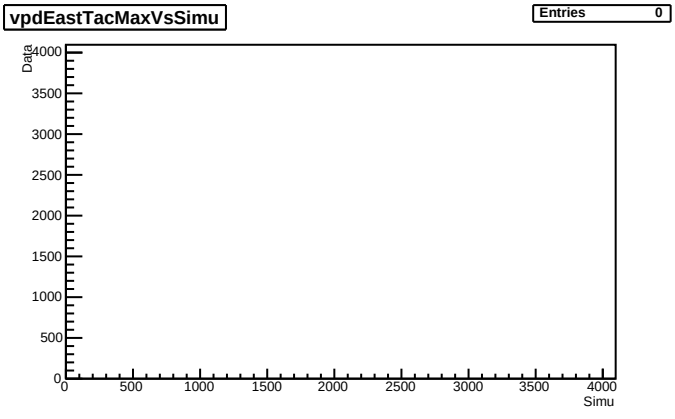
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Entries 0
Data
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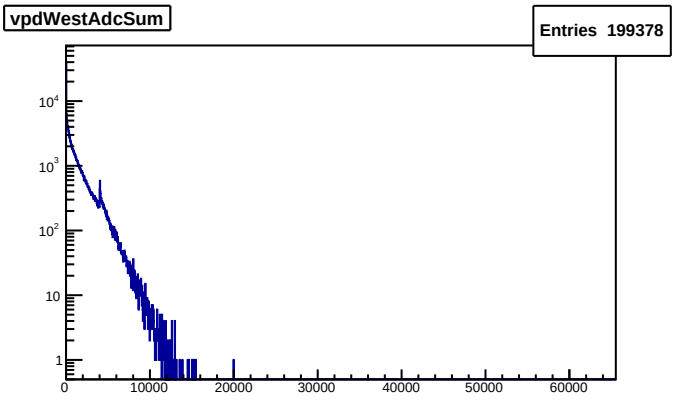
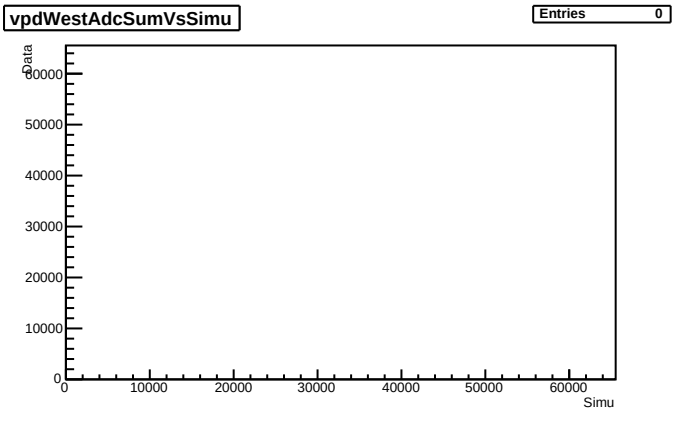

vpdWestAdcSum
Entries 199378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Entries 0
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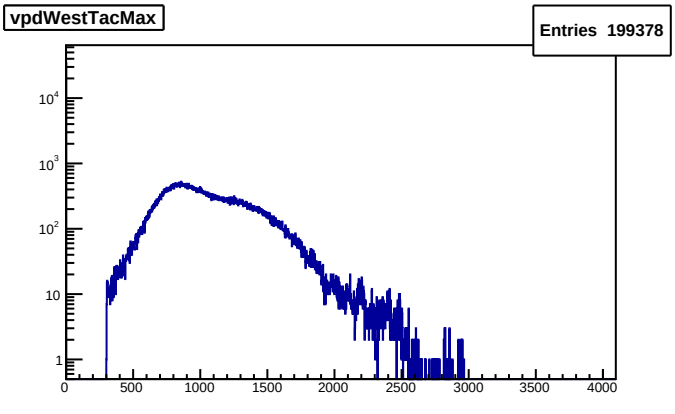
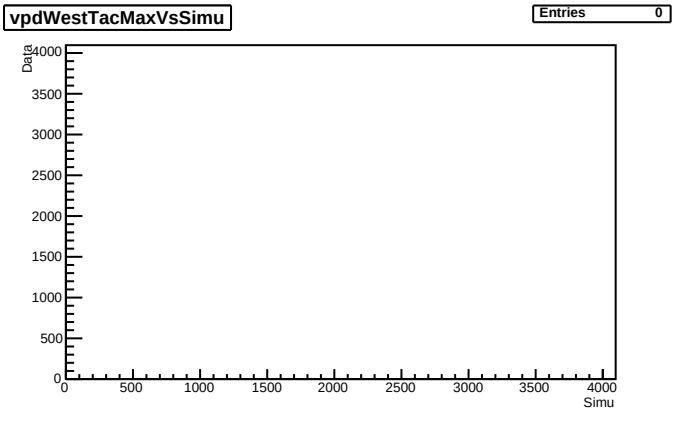
Simu


vpdWestTacMax
Entries 199378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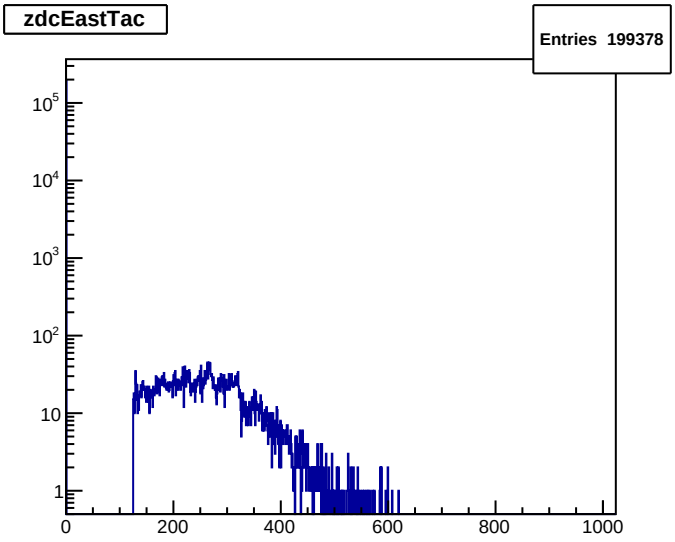
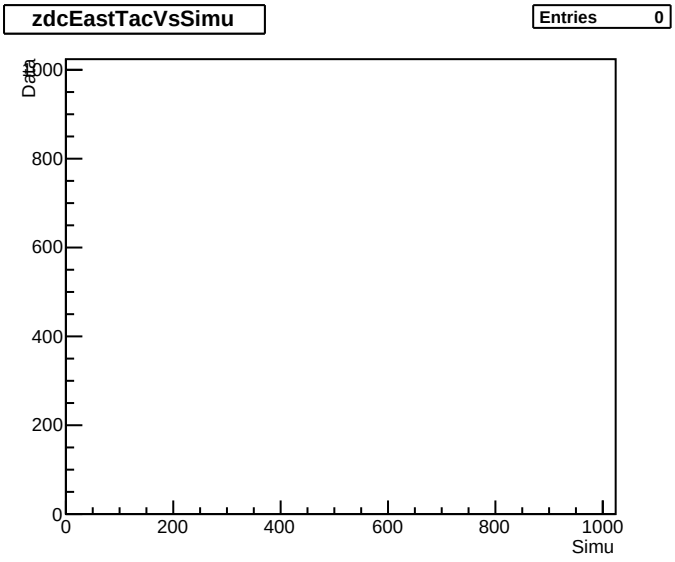
Entries 0
Data
Simu


zdcEastTac
Entries 199378


zdcEastTacVsSimu
Entries 0
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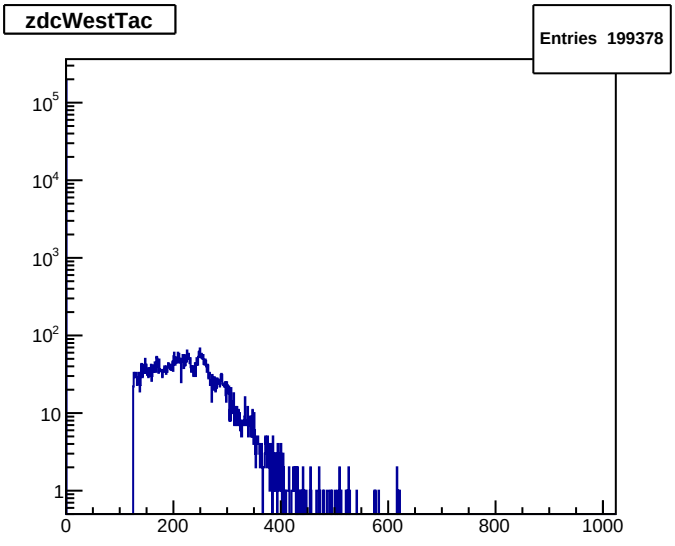
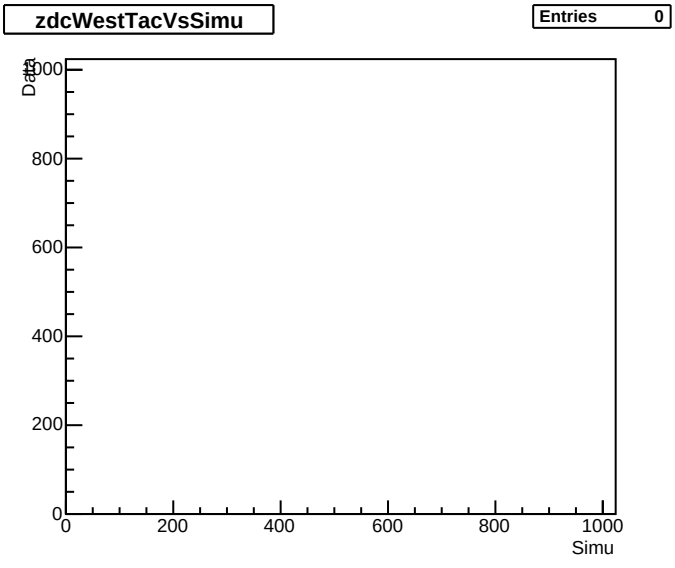
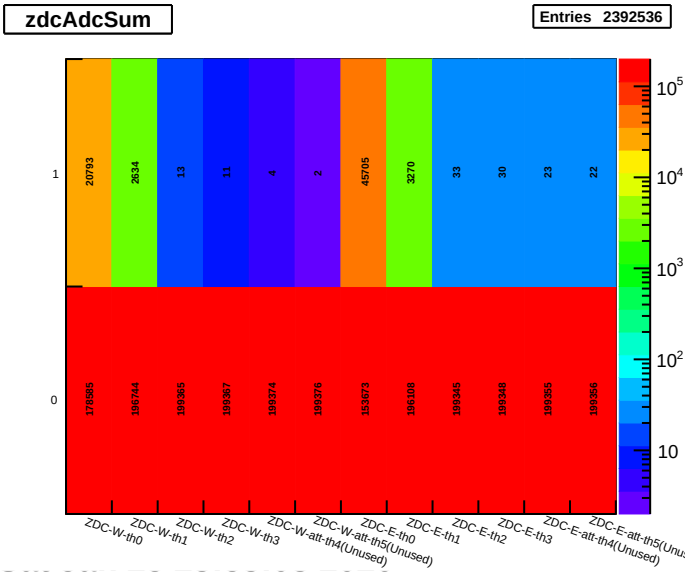
Simu


zdcWestTac
Entries 199378


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 2392536
20793
2634
13
11
4
2
45705
3270
33
30
23
22
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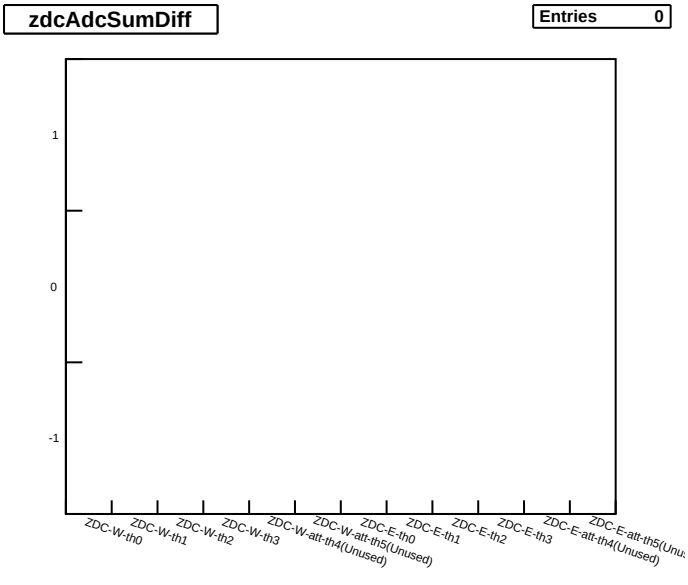
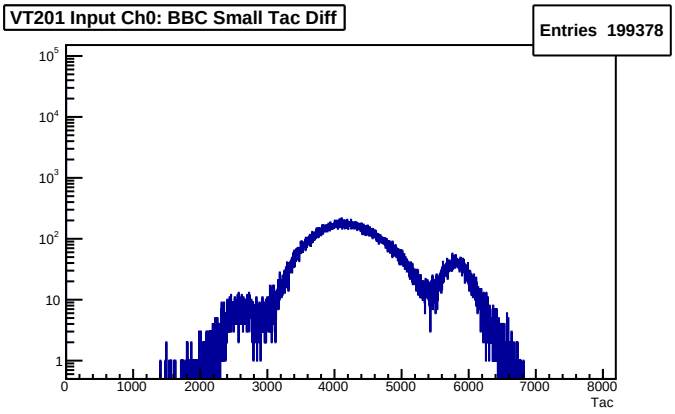
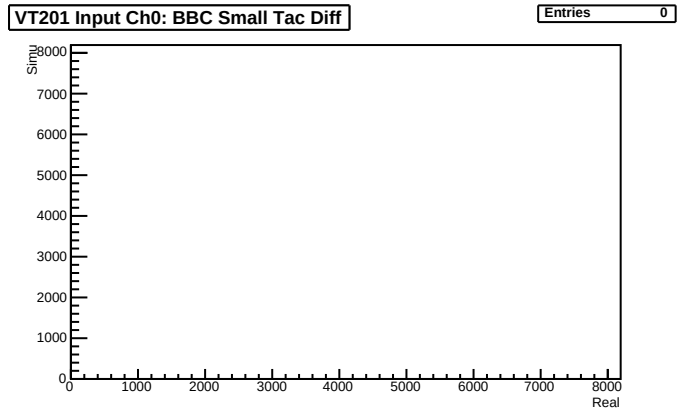
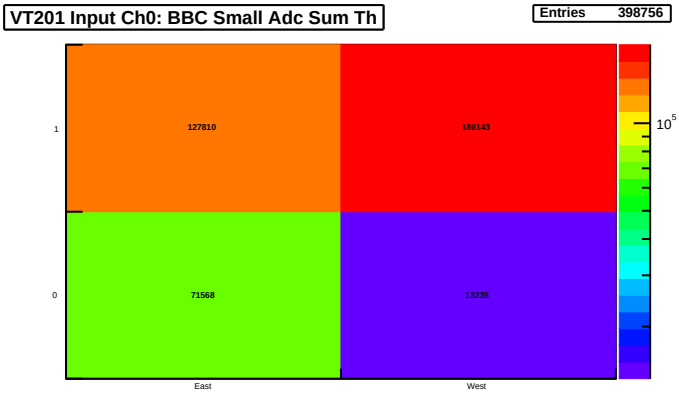
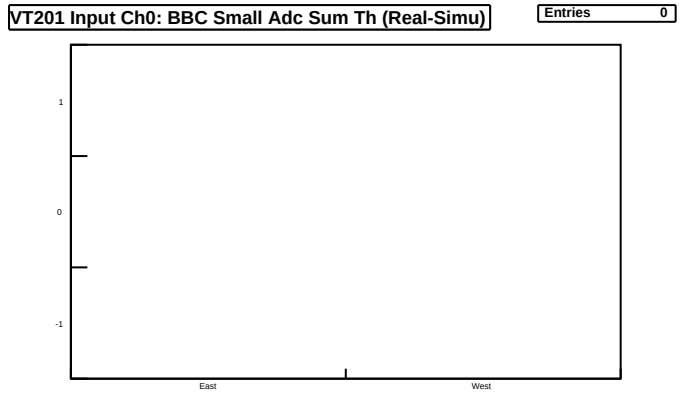
196744
199365
199367
199374
199376
153673
196108
199345
199348
199355
199356
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

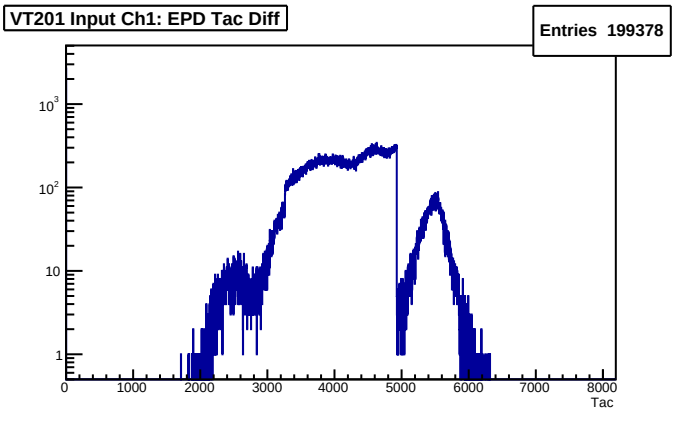

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

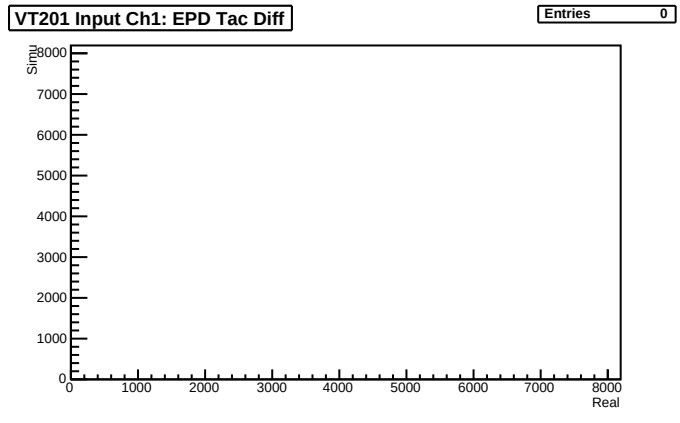

VT201 Input Ch0: BBC Small Tac Diff
Entries 199378
Tac

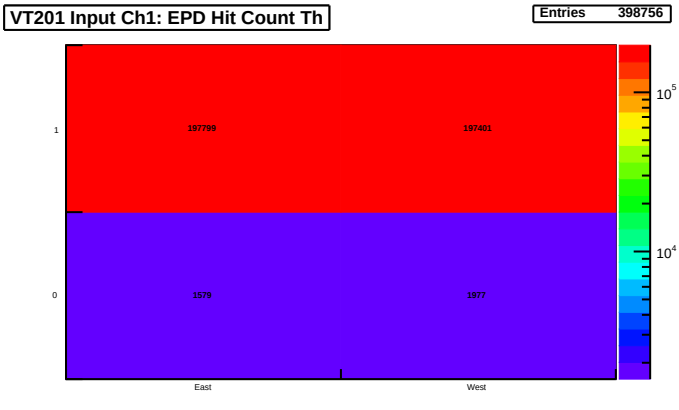

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

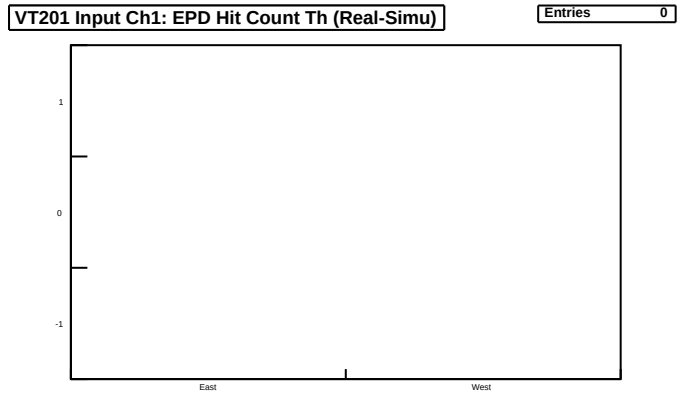

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 398756
127810
186143
71568
13235
East
West

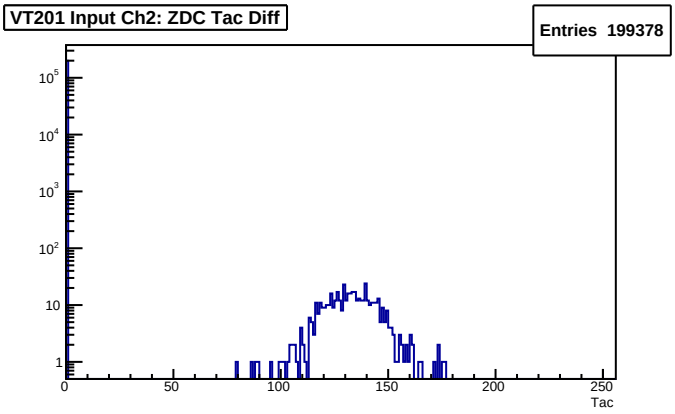

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

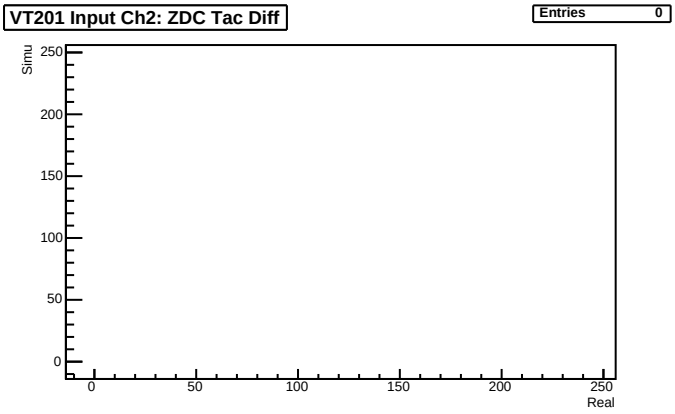

VT201 Input Ch1: EPD Tac Diff
Entries 199378
Tac

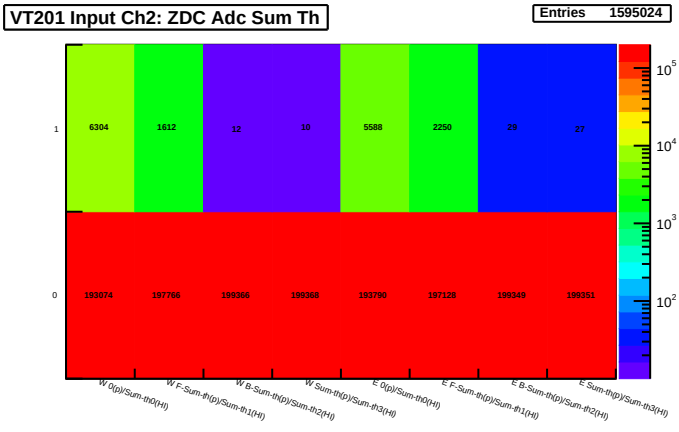

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

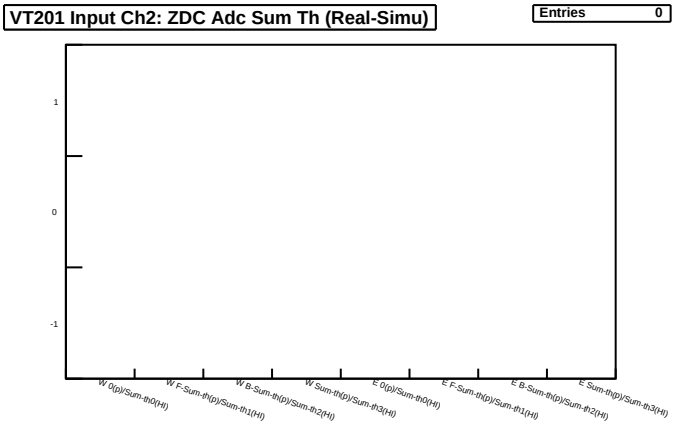

VT201 Input Ch1: EPD Hit Count Th
Entries 398756
197799
197401
1579
1977
East
West

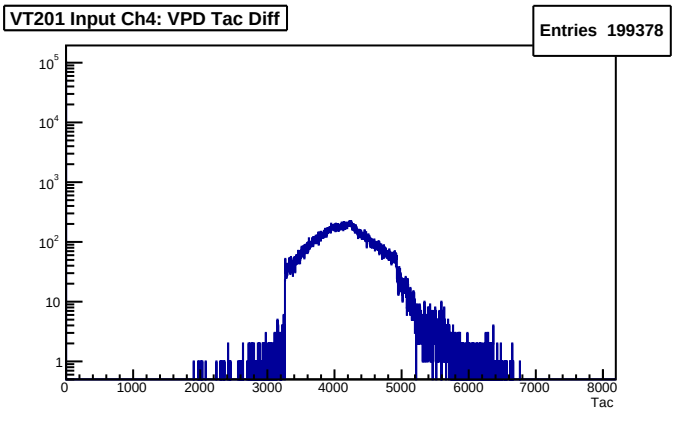

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

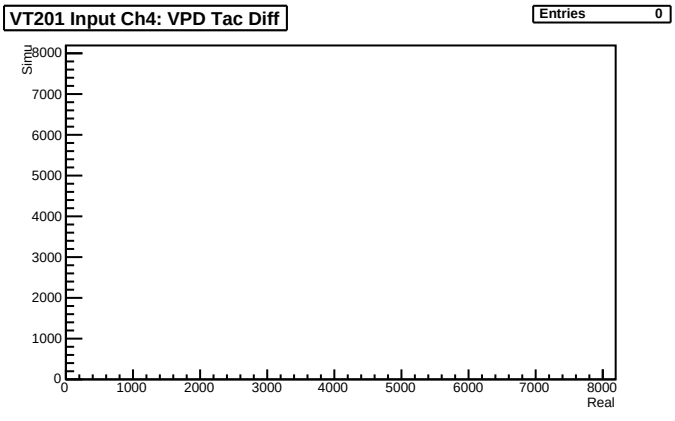

VT201 Input Ch2: ZDC Tac Diff
Entries 199378
Tac

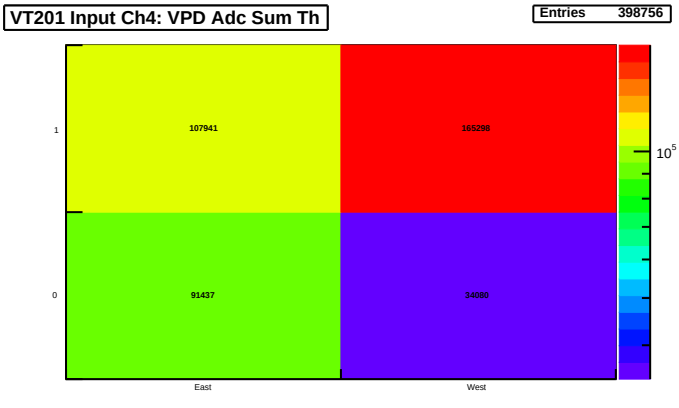

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

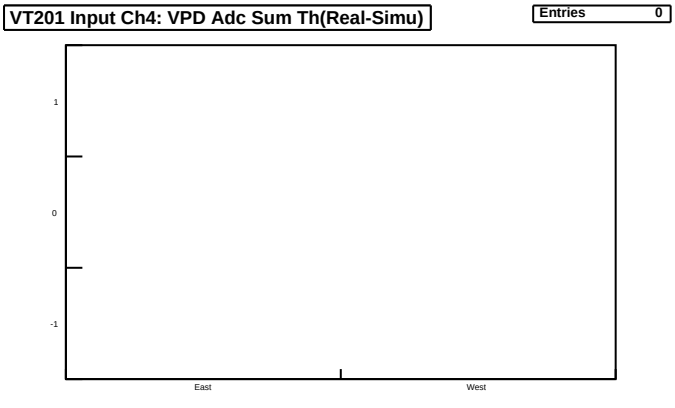

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1595024
6304
1612
12
10
5588
2250
29
27
193074
197766
199366
199368
193790
197128
199349
199351
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

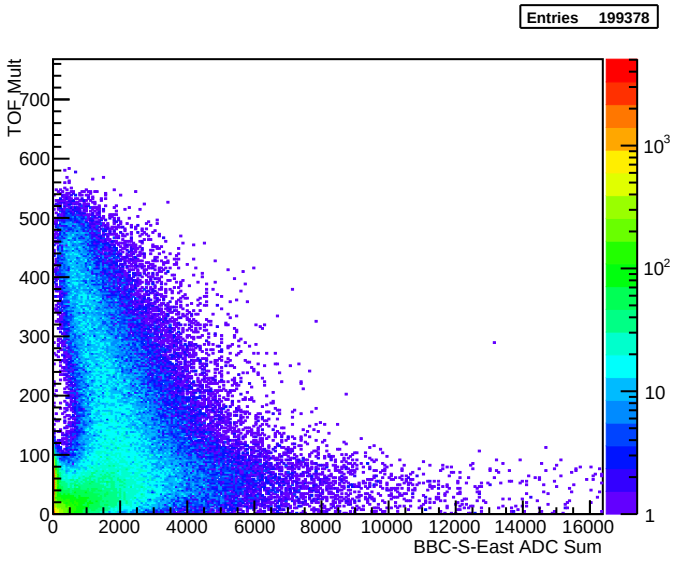

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

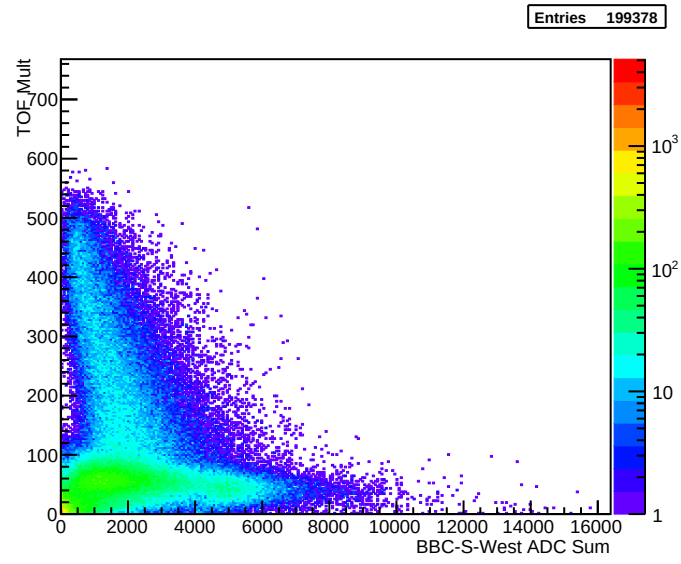

VT201 Input Ch4: VPD Tac Diff
Entries 199378
Tac

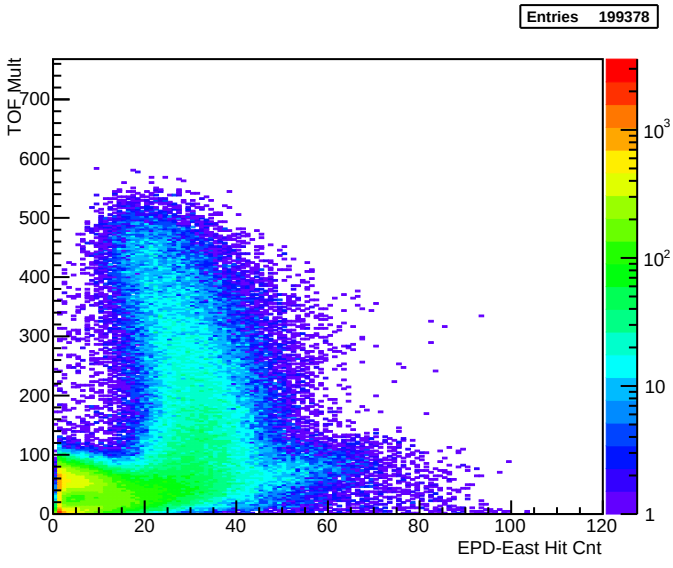

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

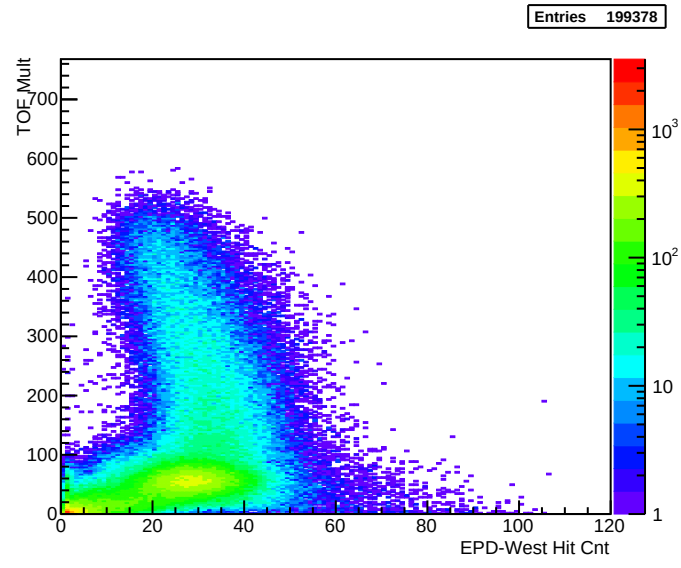

VT201 Input Ch4: VPD Adc Sum Th
Entries 398756
107941
165298
91437
34080
East
West

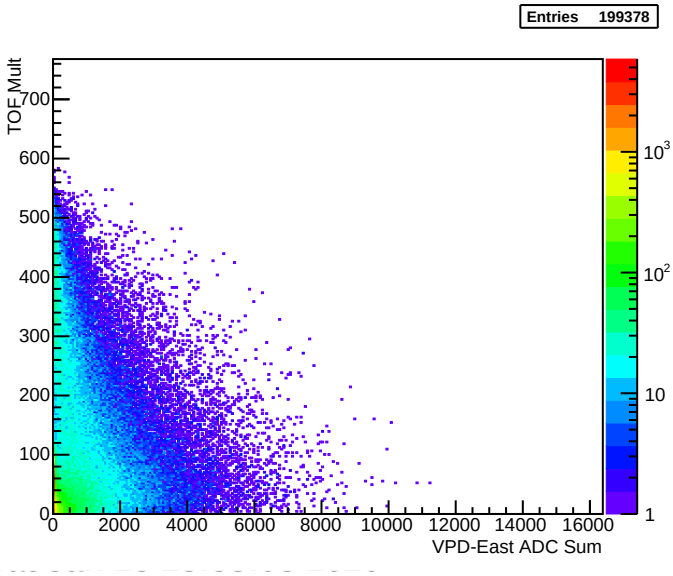

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

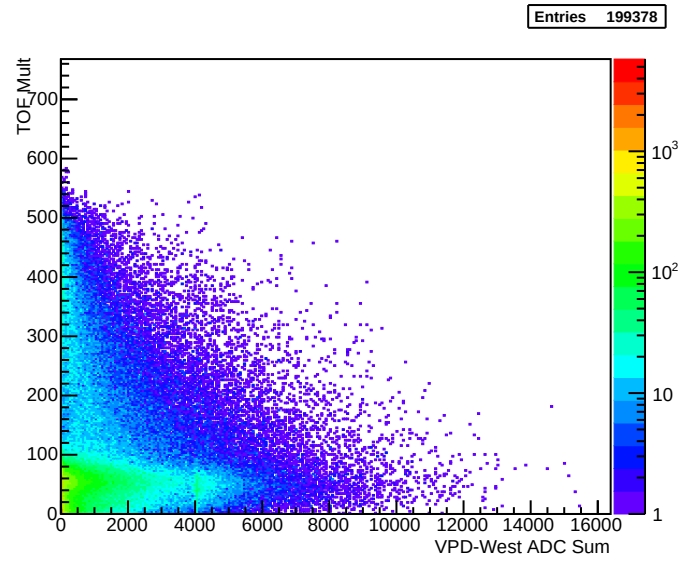

Entries 199378
TOF_Mult
BBC-S-East ADC Sum

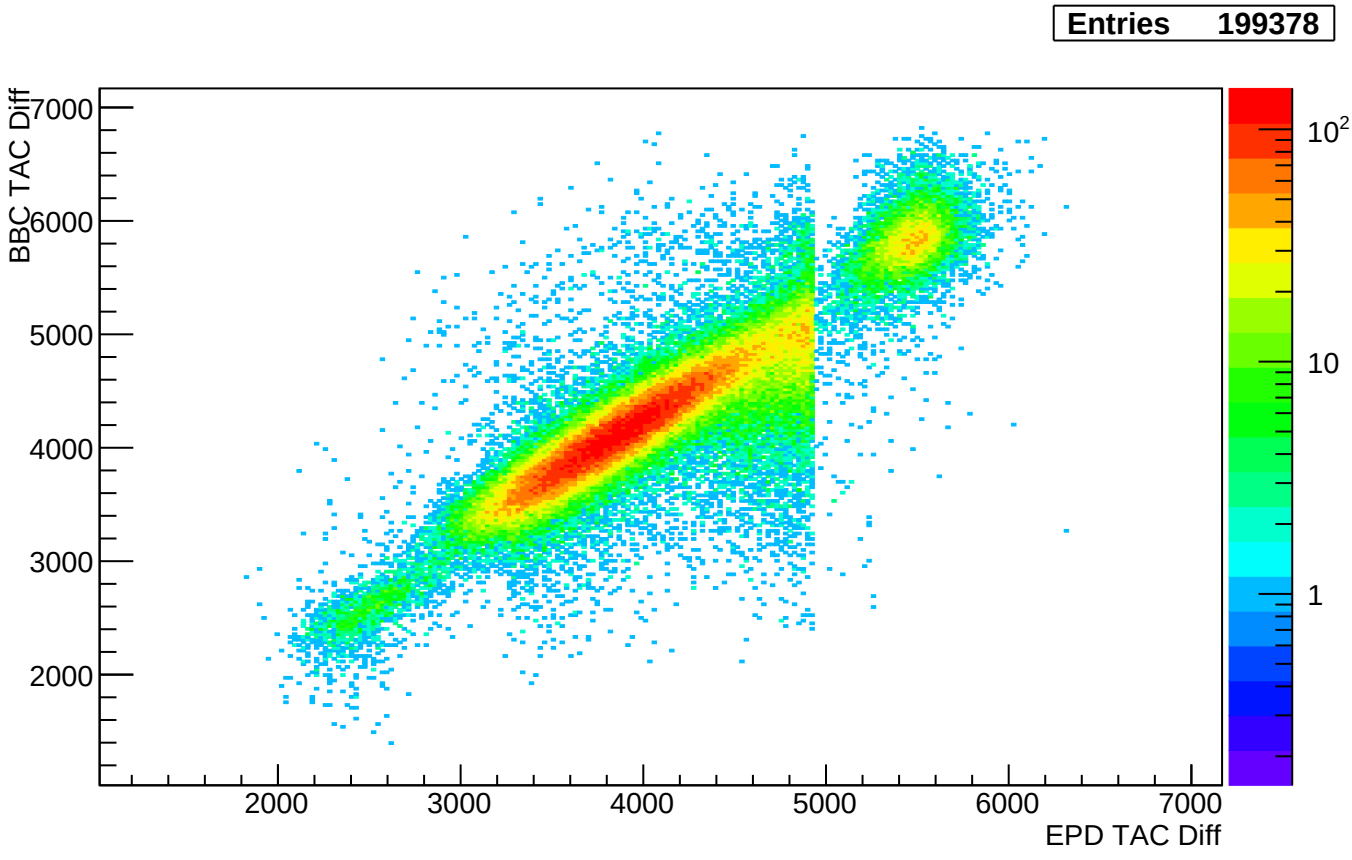

Entries 199378
TOF_Mult
BBC-S-West ADC Sum

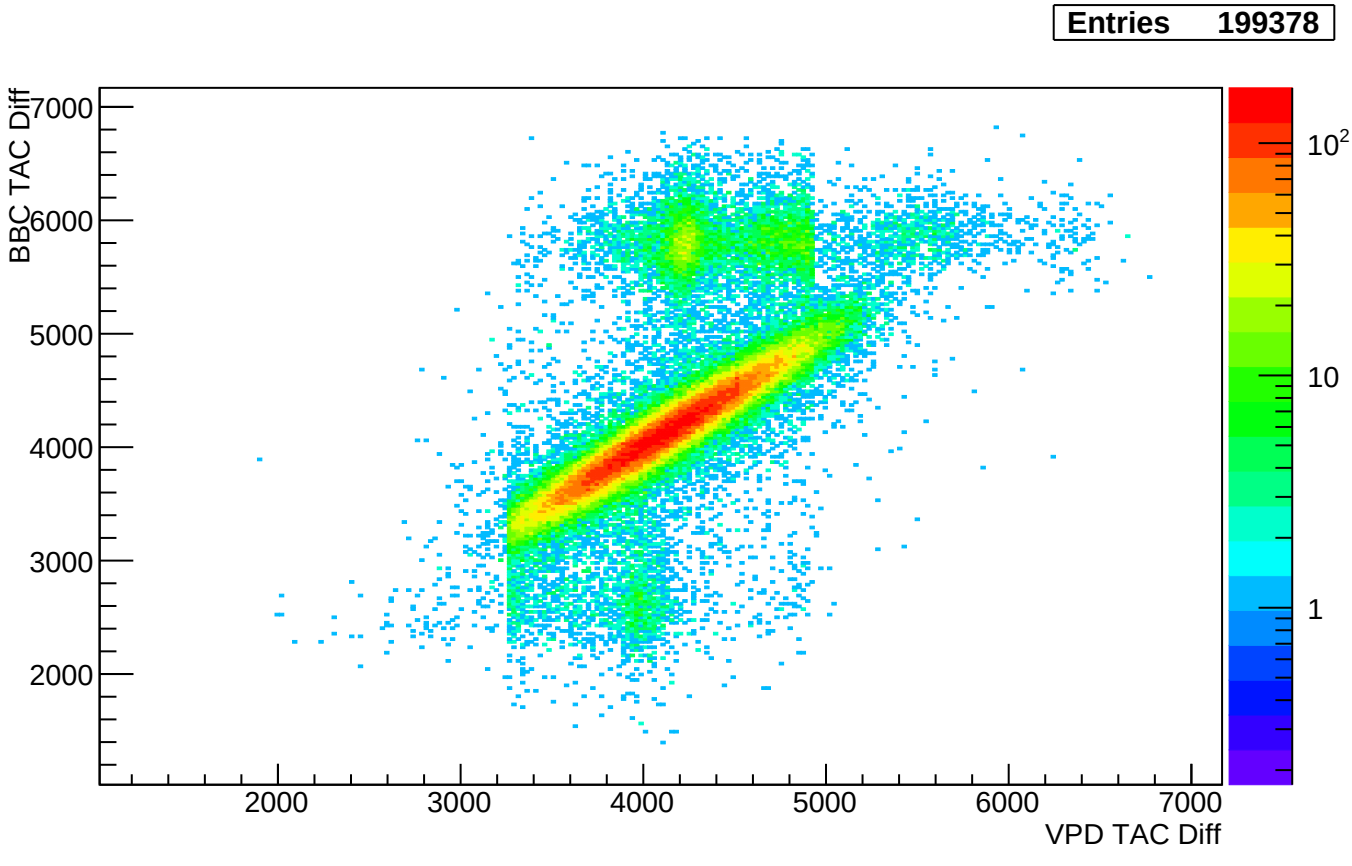

Entries 199378
TOF_Mult
EPD-East Hit Cnt

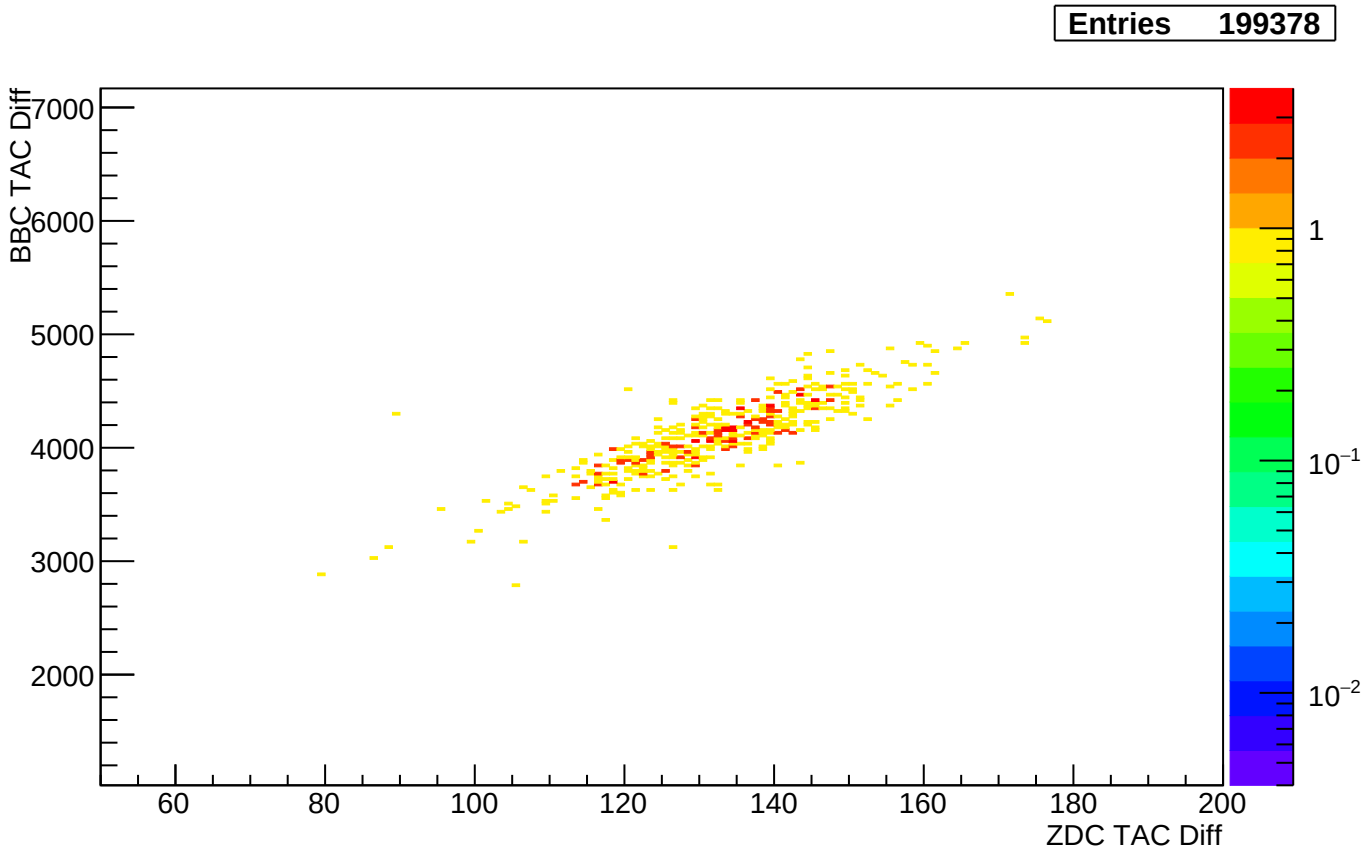

Entries 199378
TOF_Mult
EPD-West Hit Cnt

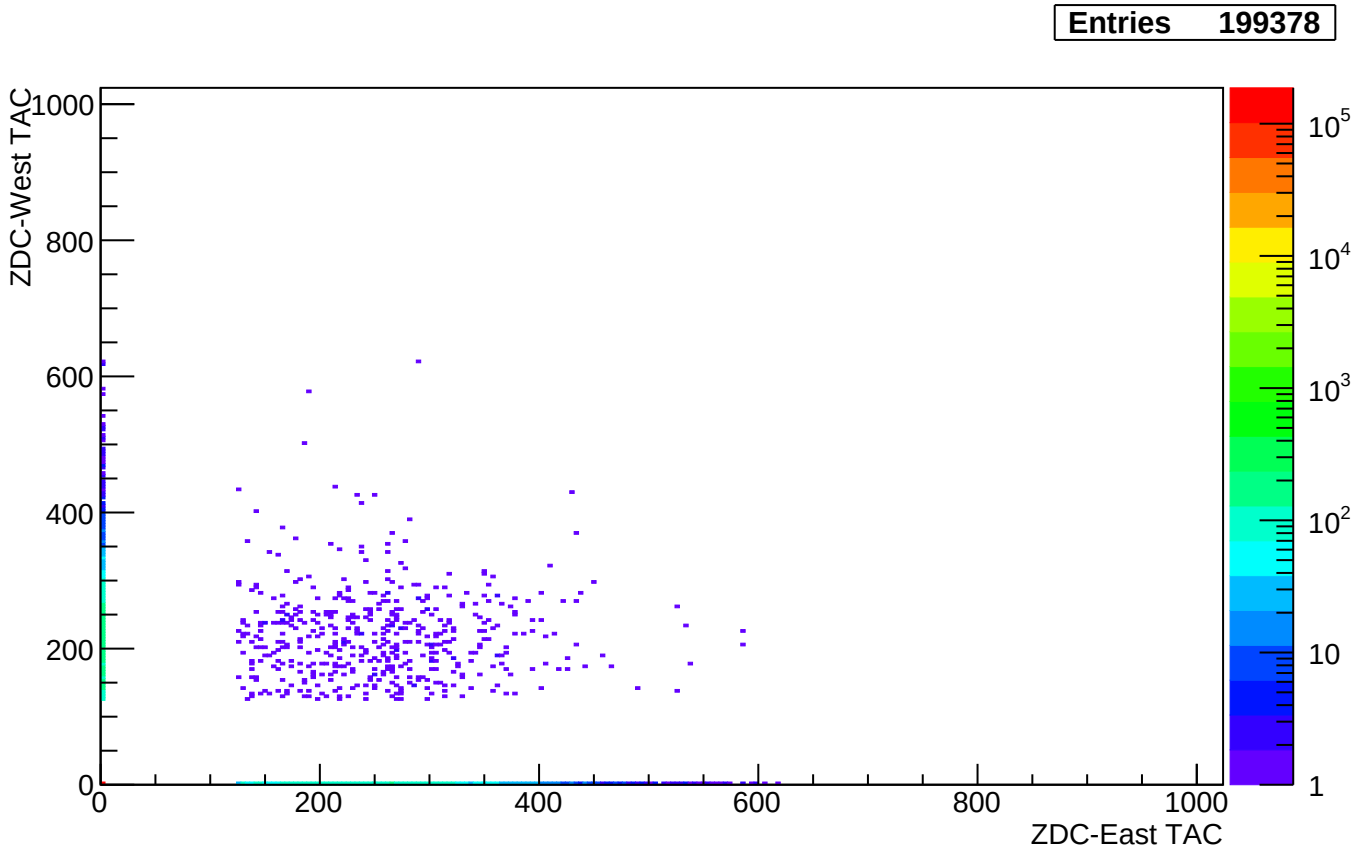

Entries 199378
TOF_Mult
VPD-East ADC Sum

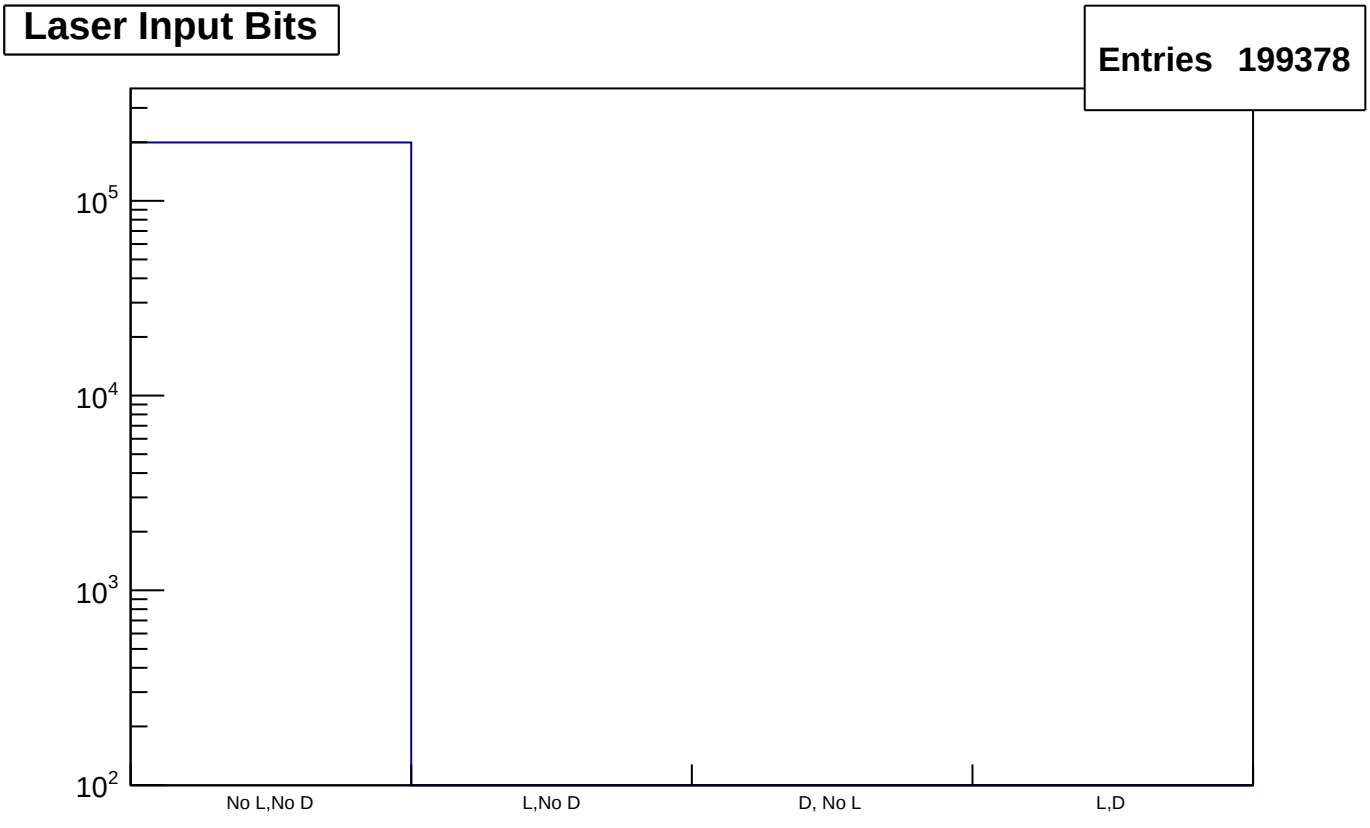

Entries 199378
TOF_Mult
VPD-West ADC Sum

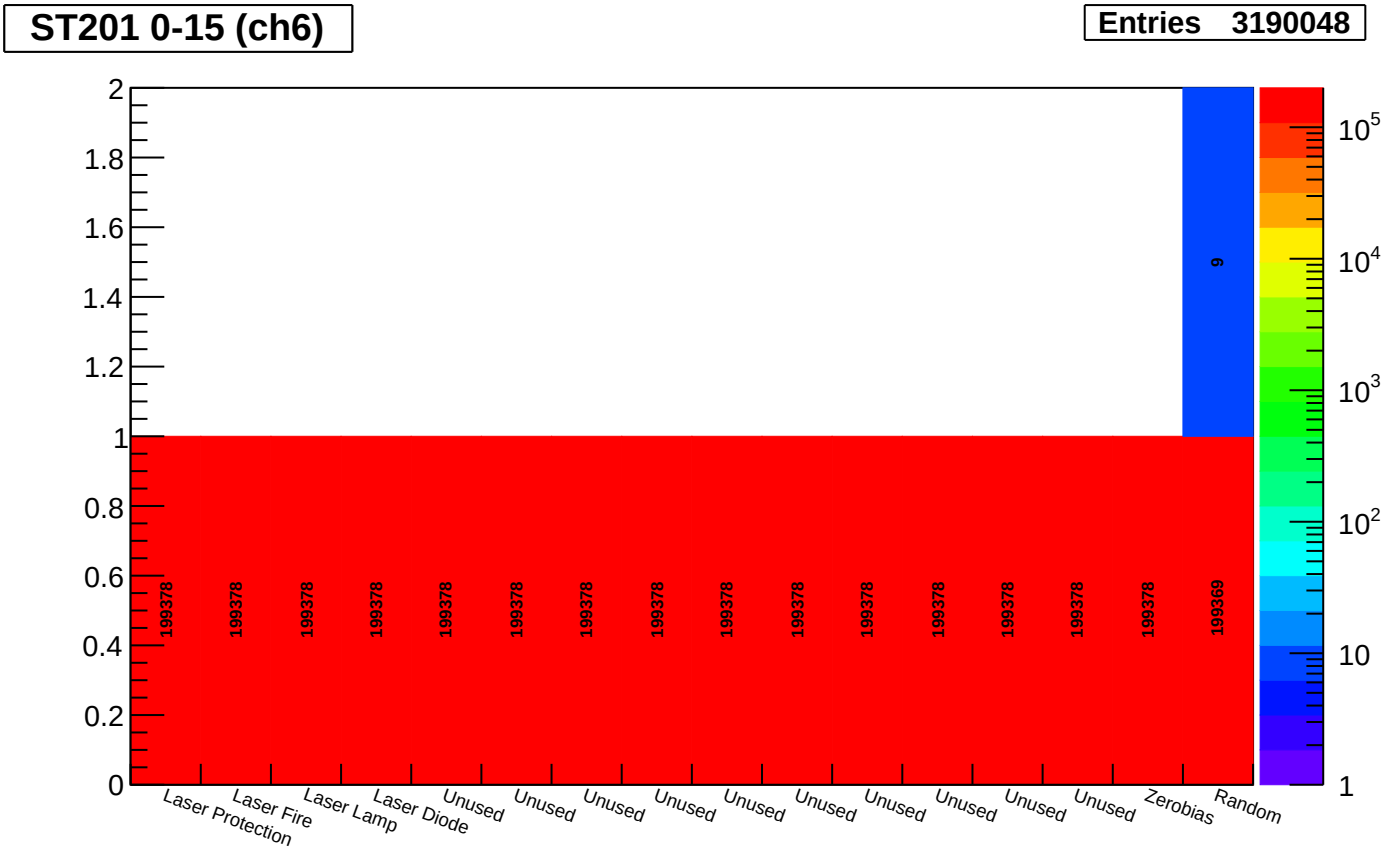

Entries 199378
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

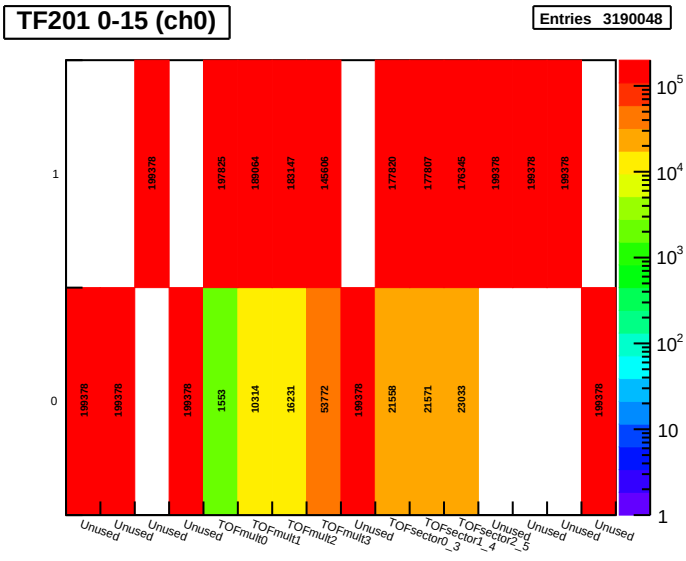

Entries 199378
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

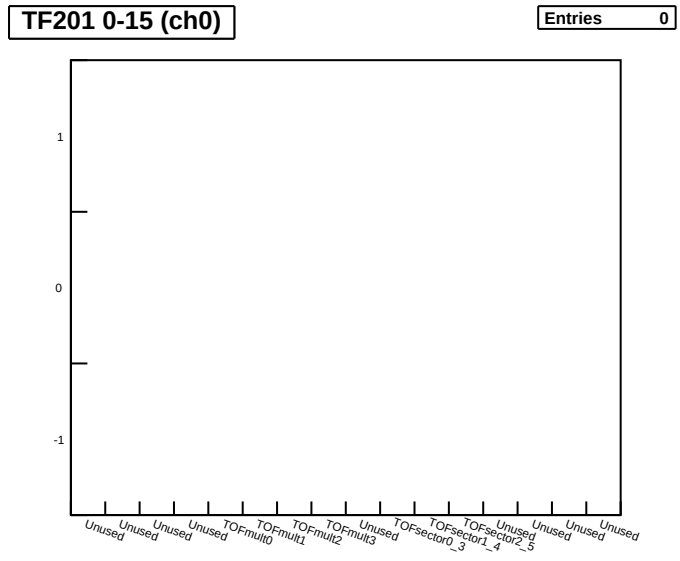

Entries 199378
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

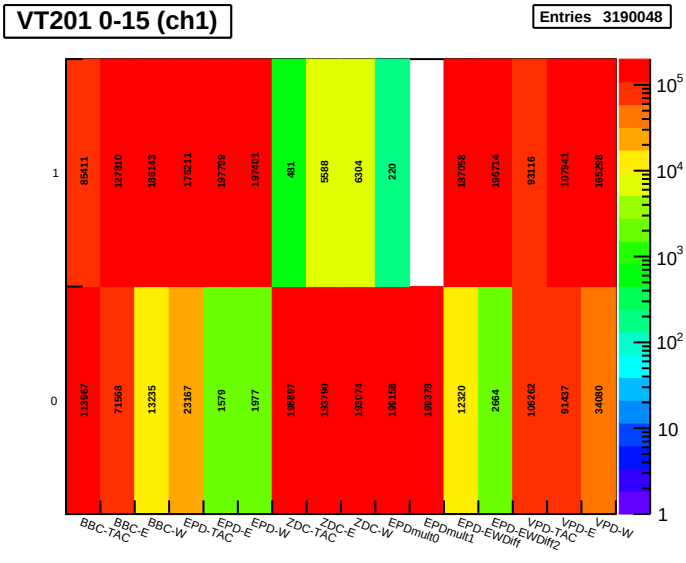

Entries 199378
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

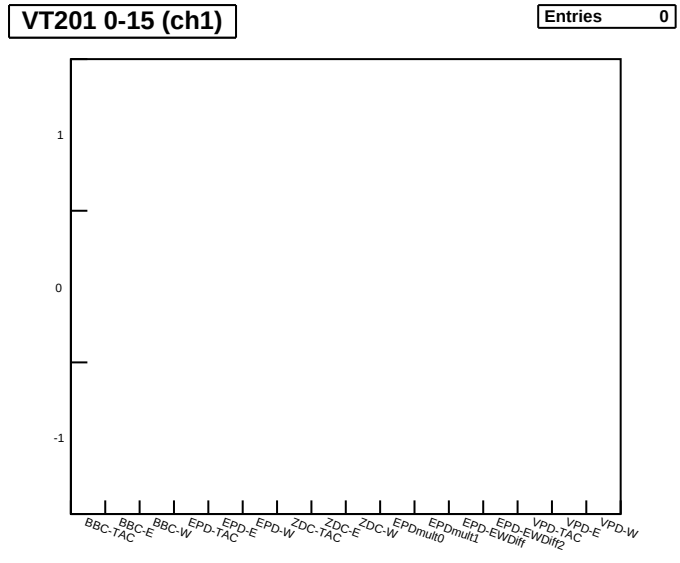

Laser Input Bits
Entries 199378
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

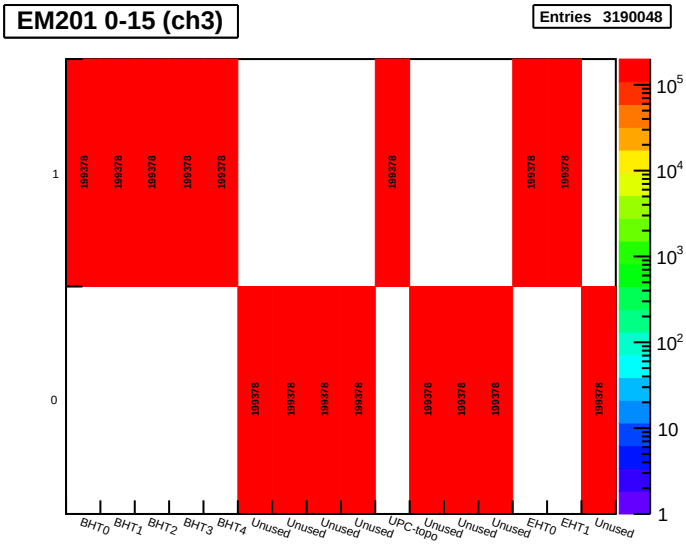

ST201 0-15 (ch6)
Entries 3190048
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
199378
199378
199378
199378
199378
199378
199378
199378
199378
199378
199378
199378
199378
199378
199378
199369
9
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

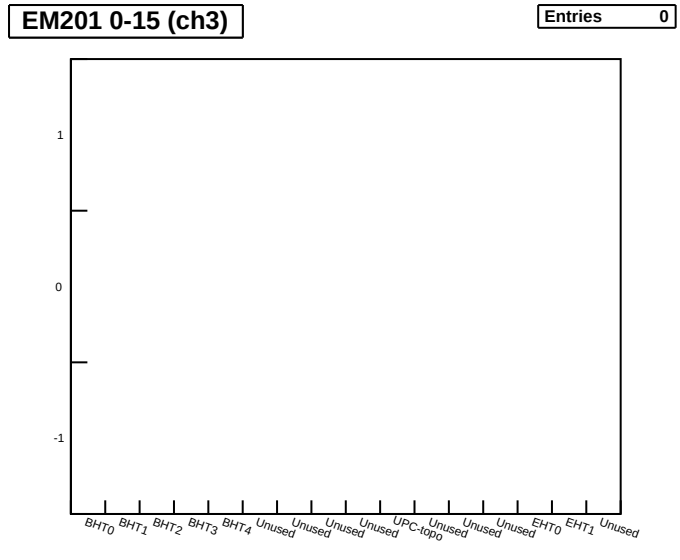

TF201 0-15 (ch0)
Entries 3190048
1
0
199378 199378 199378 199378 197825 189064 163147 145606 177820 177807 176345 199378 199378 199378
199378 199378 199378 1553 10314 16231 53772 199378 21598 21571 23033 199378
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused


VT201 0-15 (ch1)
Entries 3190048
1
0
85411 127810 186143 176211 197799 197401 481 5588 6304 220 187058 196714 93116 107941 165288
113967 71568 13235 23167 1579 1977 198897 193790 193074 199158 199378 12320 2664 106262 91437 34080
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
10^5 10^4 10^3 10^2 10 1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 3190048
1
0
199378 199378 199378 199378 199378 199378 199378 199378 199378
199378 199378 199378 199378 199378 199378 199378 199378
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
10^5 10^4 10^3 10^2 10 1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused