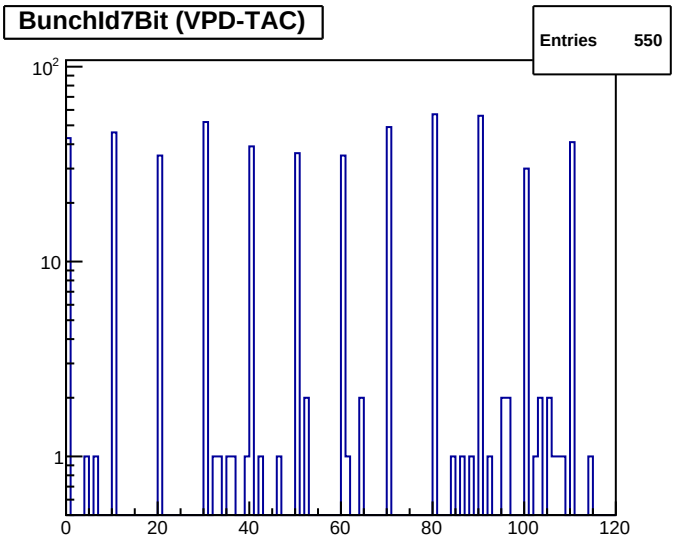
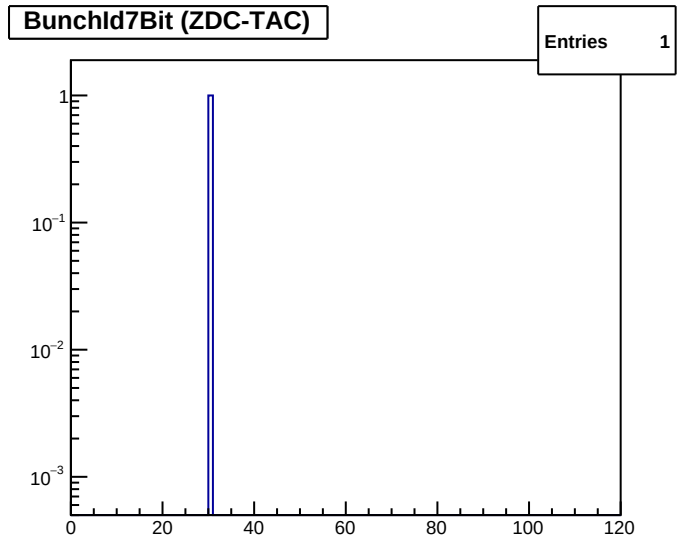
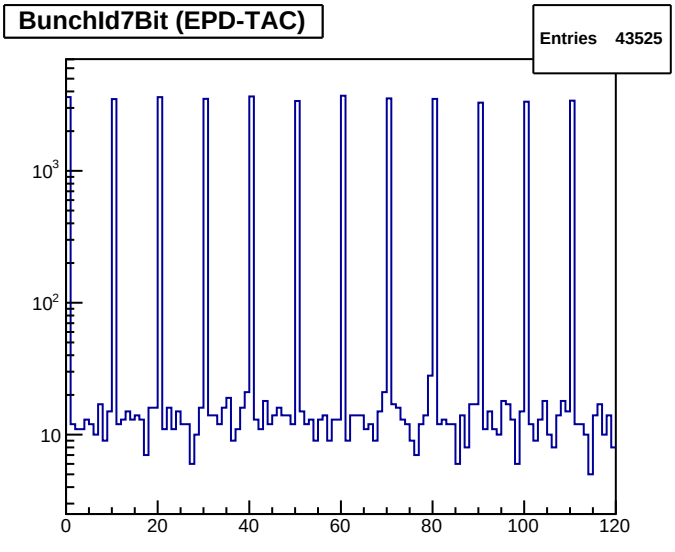
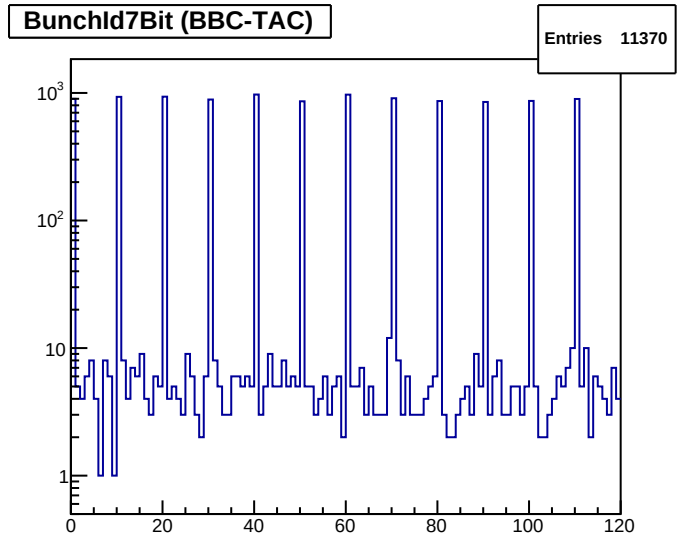
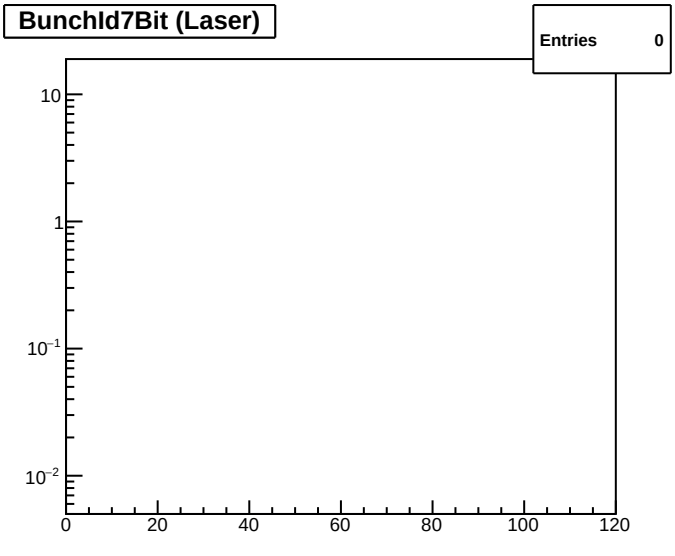
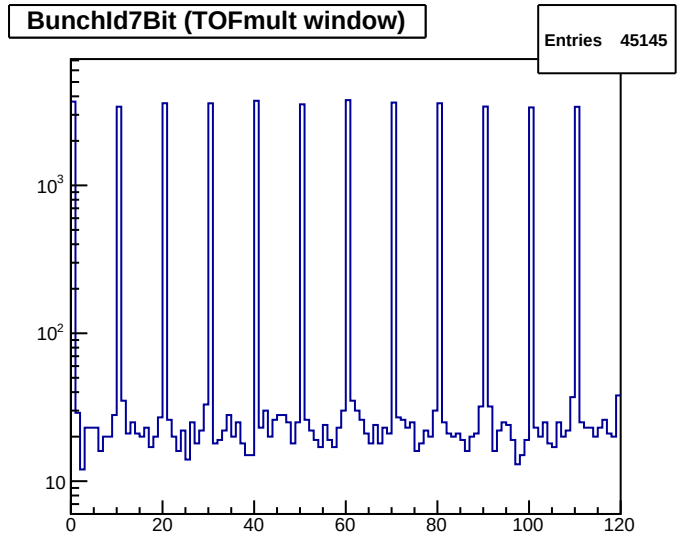

BunchId7Bit (VPD-TAC)
Entries 550

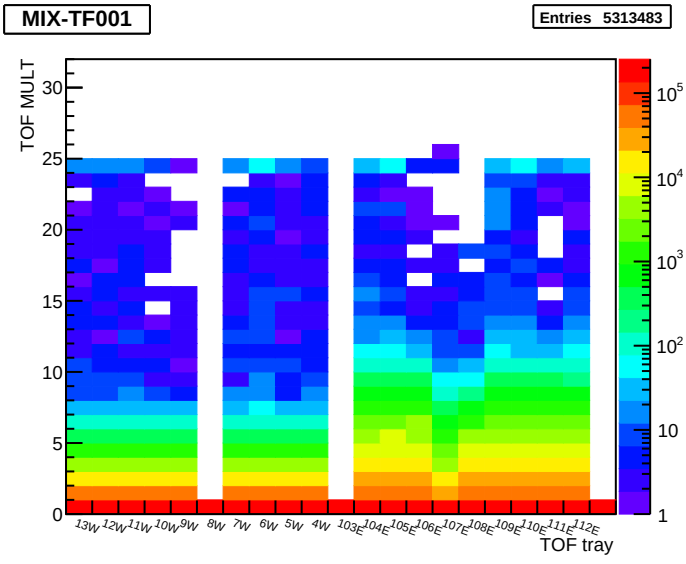

BunchId7Bit (ZDC-TAC)
Entries 1

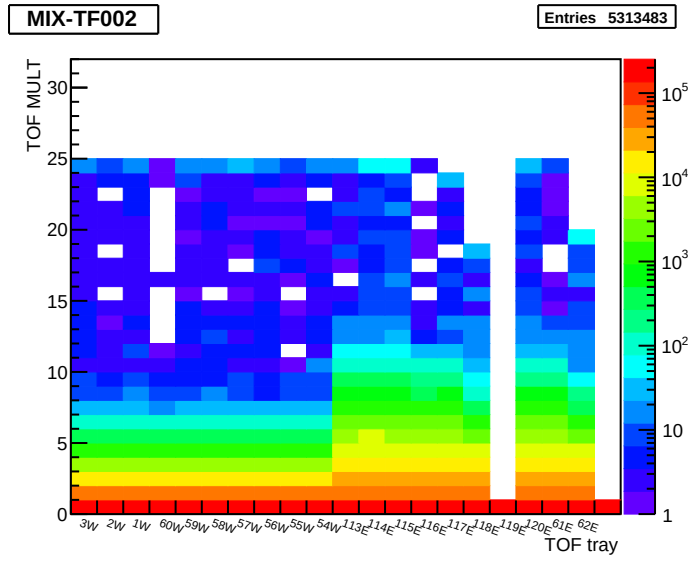

BunchId7Bit (EPD-TAC)
Entries 43525

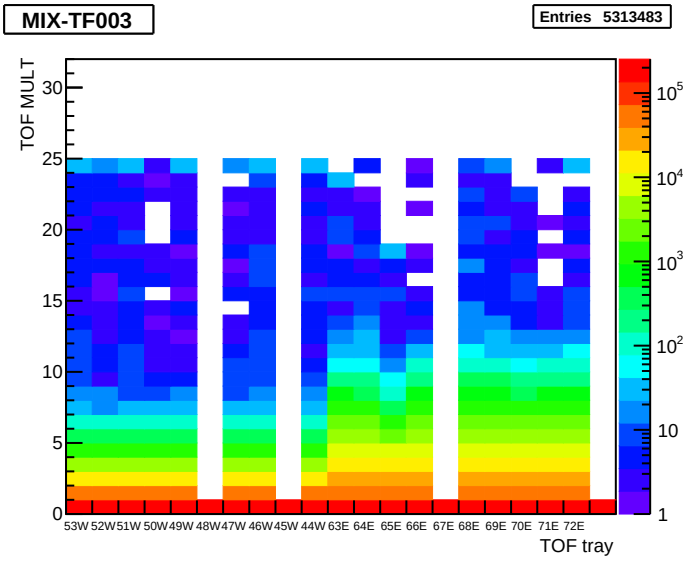

BunchId7Bit (BBC-TAC)
Entries 11370

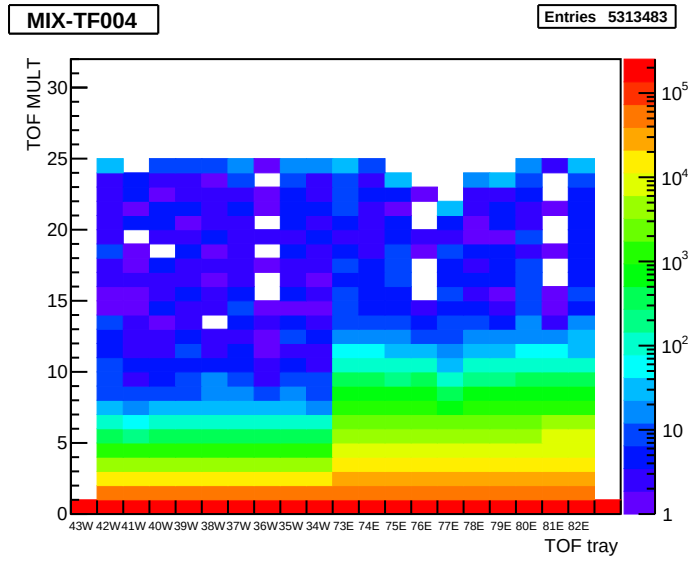

BunchId7Bit (Laser)
Entries 0

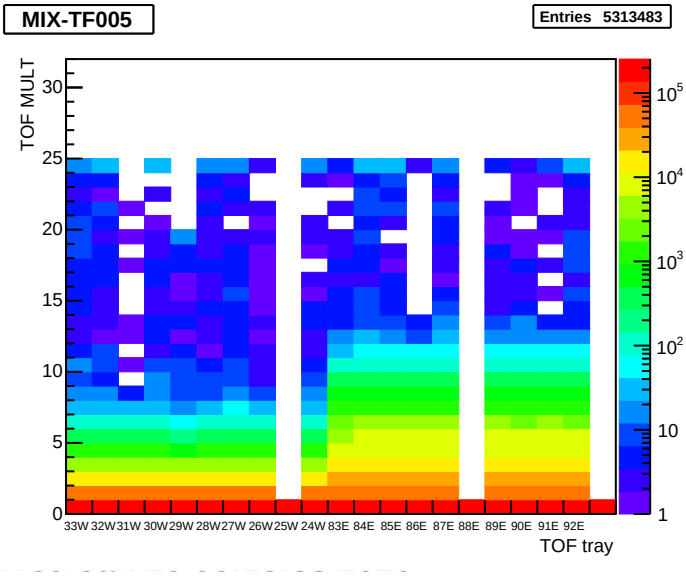

BunchId7Bit (TOFmult window)
Entries 45145

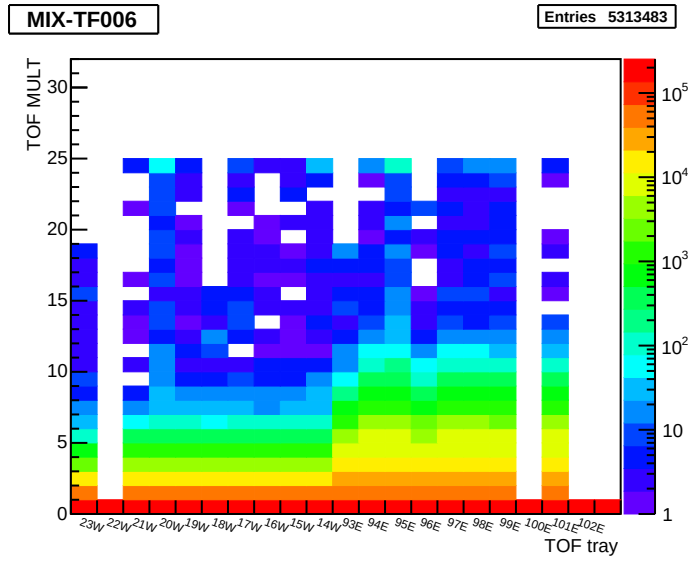

MIX-TF001
Entries 5313483
TOF MULT
TOF tray

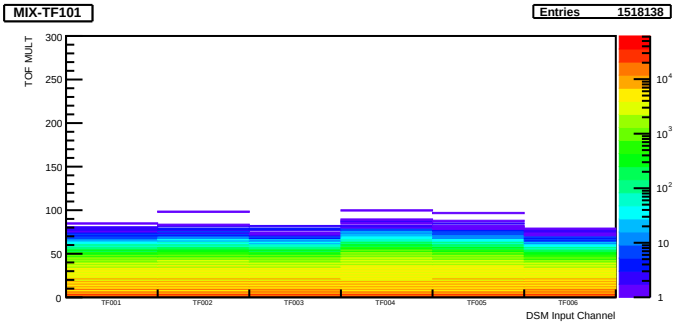

MIX-TF002
Entries 5313483
TOF MULT
TOF tray

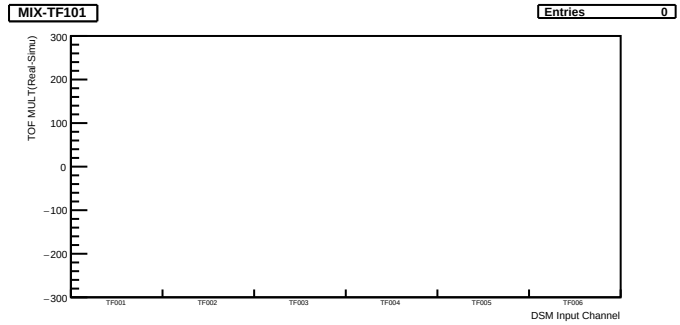

MIX-TF003
Entries 5313483
TOF MULT
TOF tray

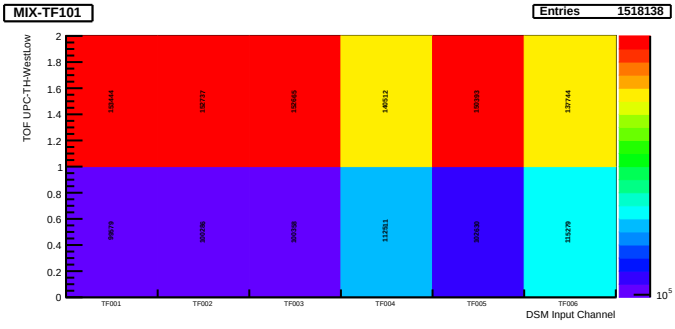

MIX-TF004
Entries 5313483
TOF MULT
TOF tray

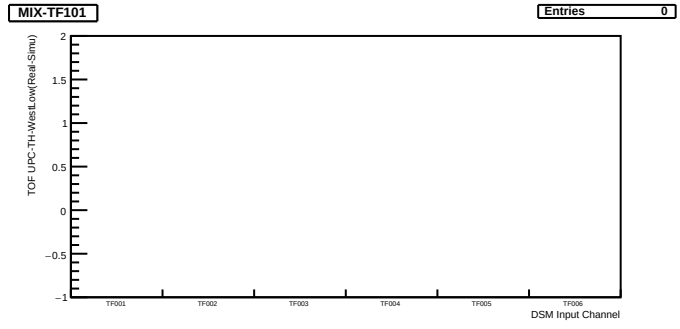

MIX-TF005
Entries 5313483
TOF MULT
TOF tray

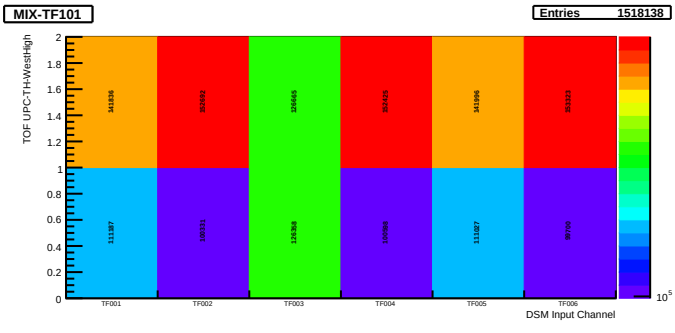

MIX-TF006
Entries 5313483
TOF MULT
TOF tray

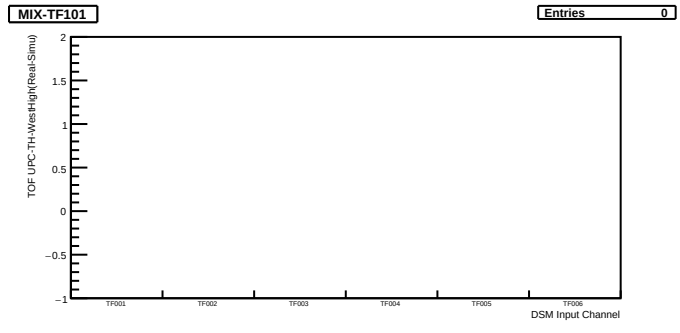

MIX-TF101
Entries 1518138
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

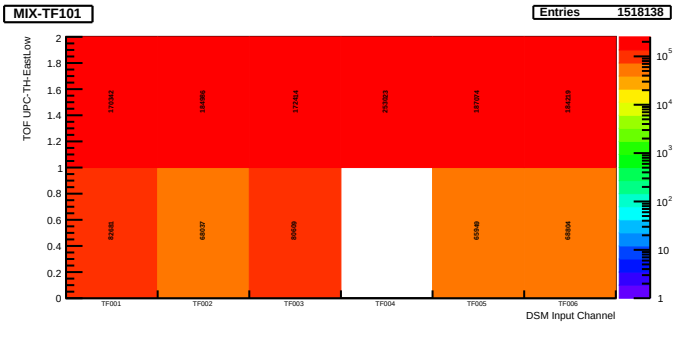

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

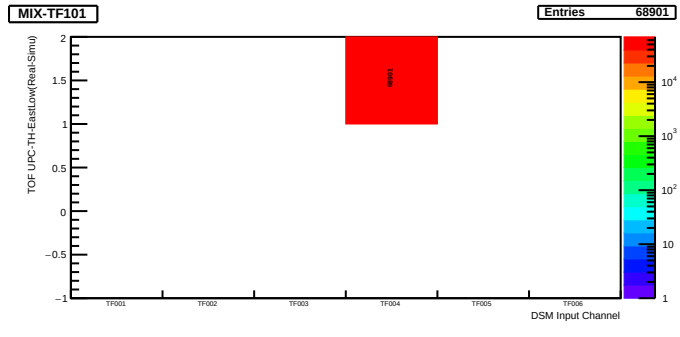

MIX-TF101
Entries 1518138
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

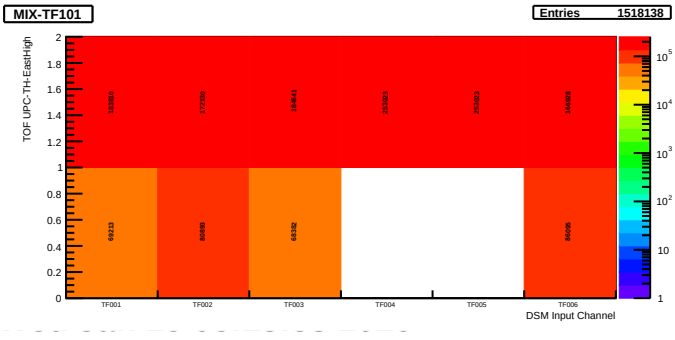

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

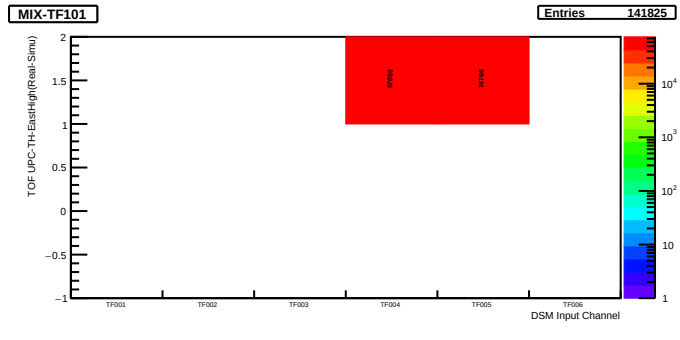

MIX-TF101
Entries 1518138
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

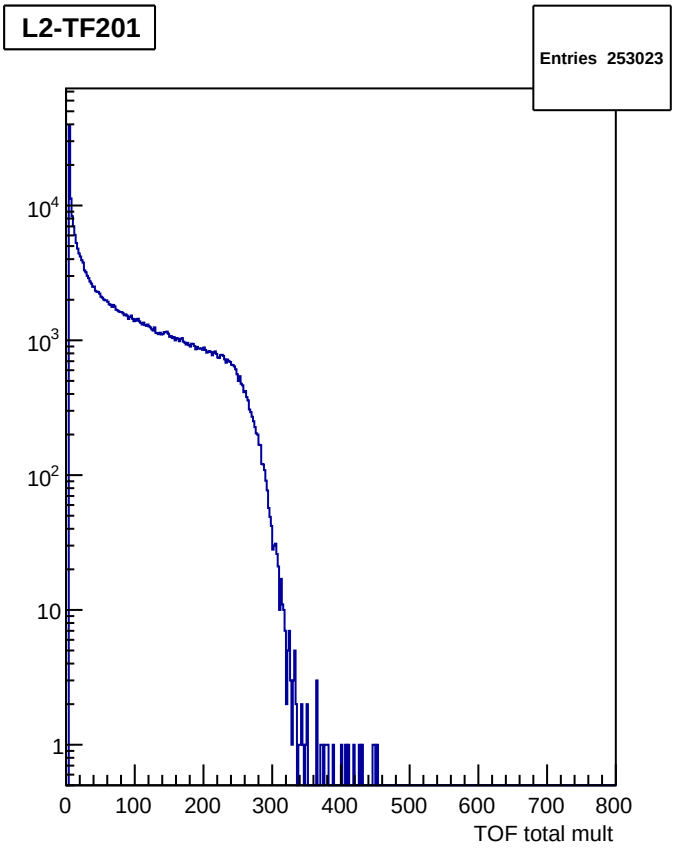

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

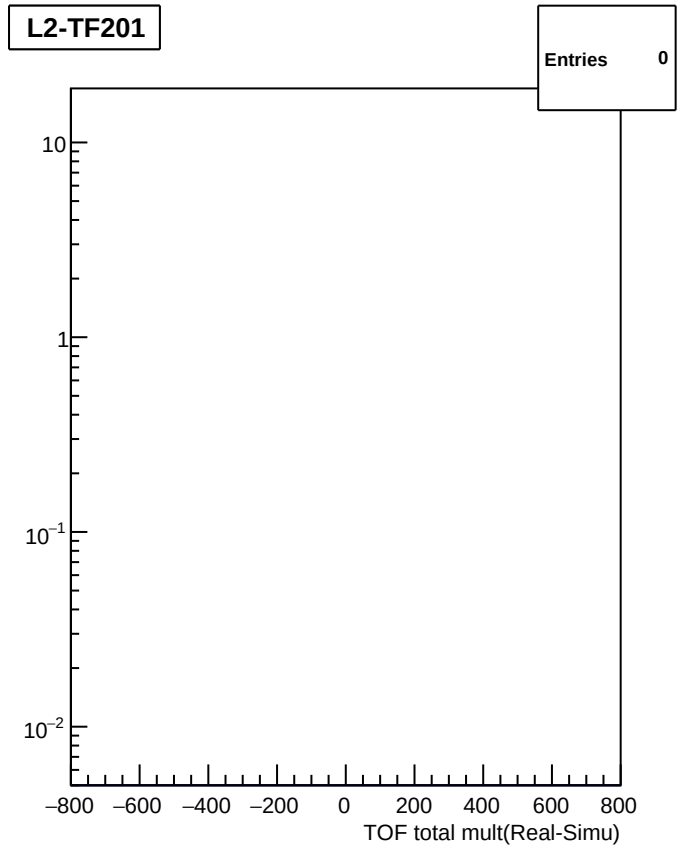

MIX-TF101
Entries 1518138
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

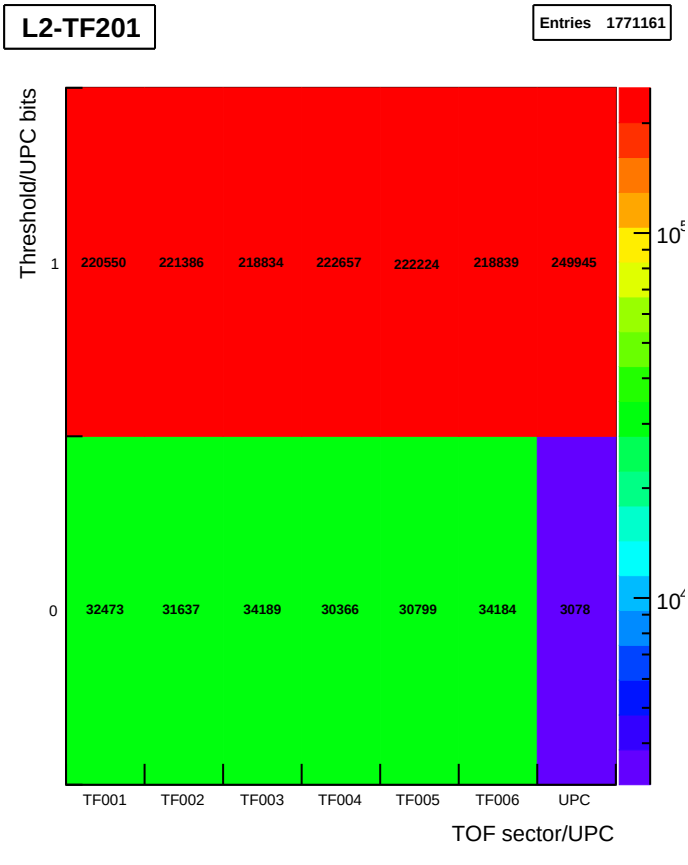

MIX-TF101
Entries 68901
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

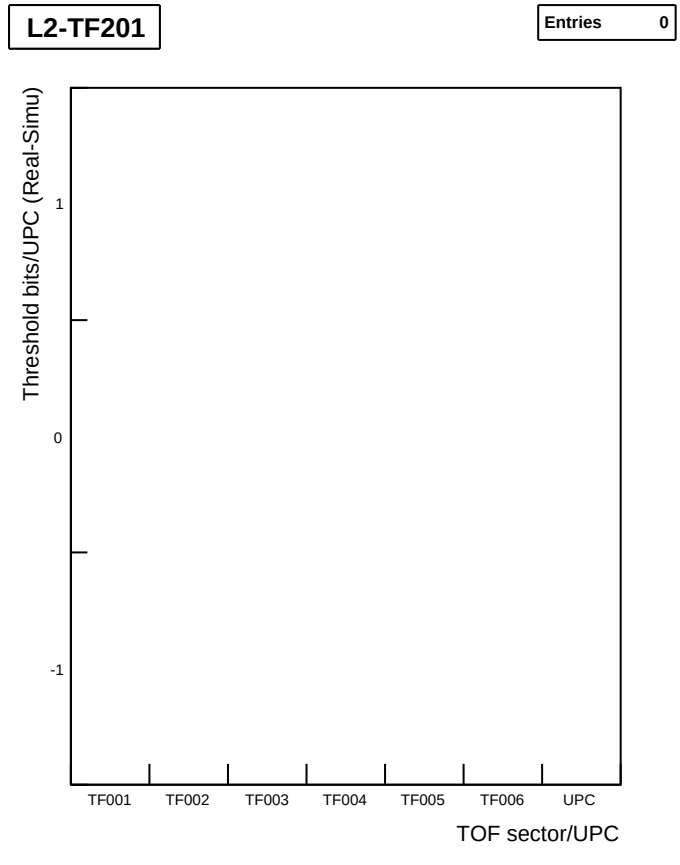

MIX-TF101
Entries 1518138
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

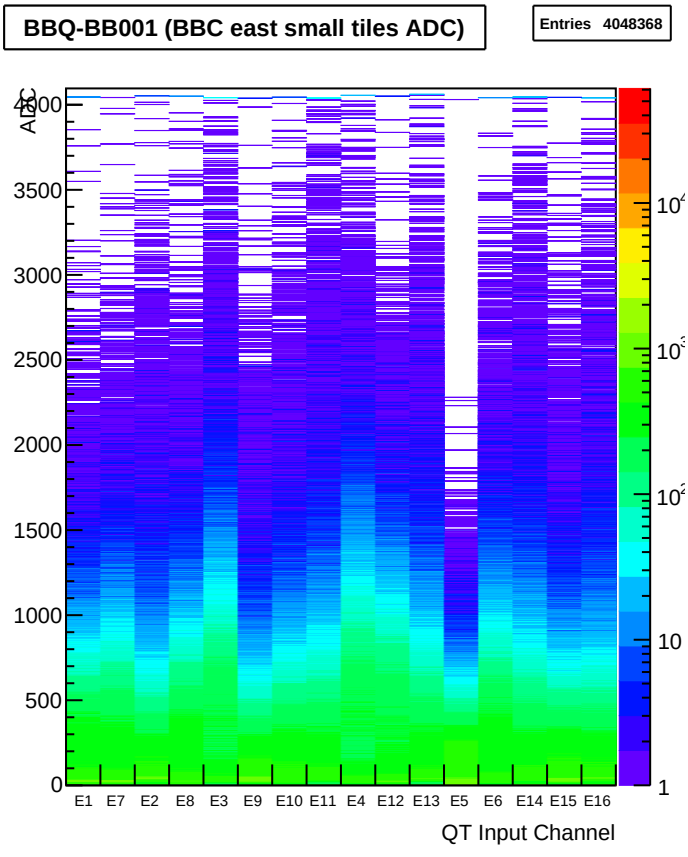

MIX-TF101
Entries 141825
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

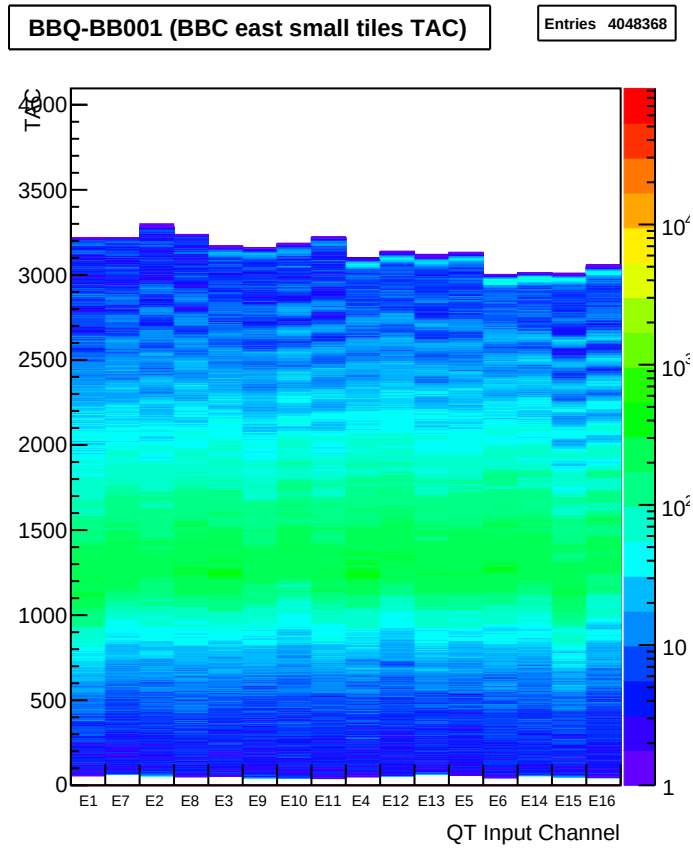

L2-TF201
Entries 253023
TOF total mult

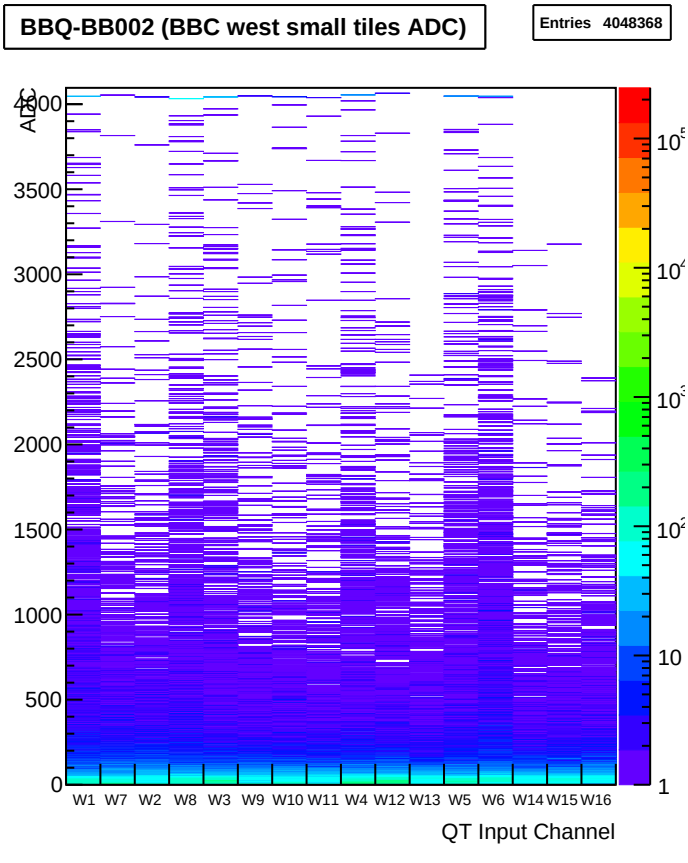

L2-TF201
Entries 0
TOF total mult(Real-Simu)

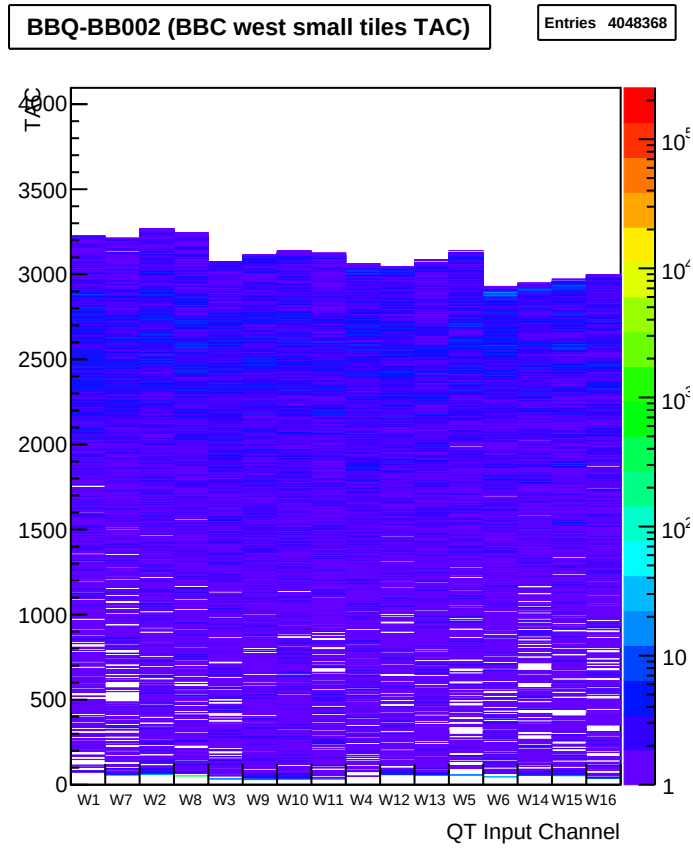

L2-TF201
Entries 1771161
Threshold/UPC bits
220550
221386
218834
222657
222224
218839
249945
32473
31637
34189
30366
30799
34184
3078
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

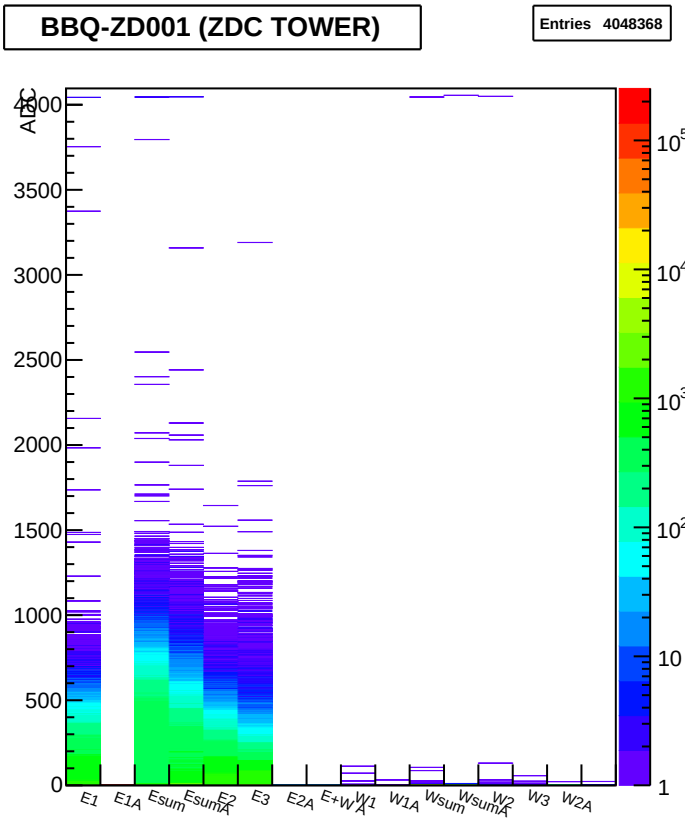

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

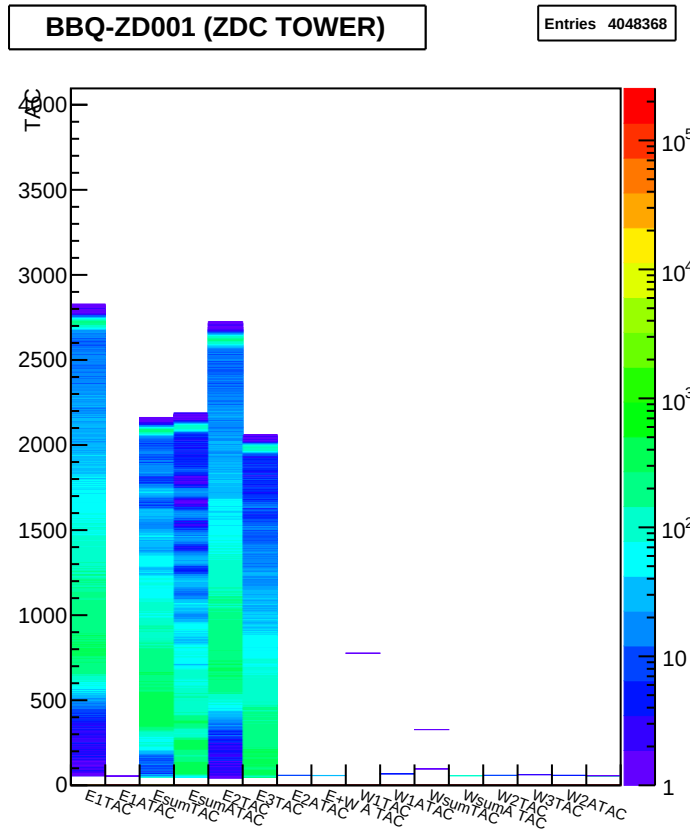

BBQ-BB001 (BBC east small tiles ADC)
Entries 4048368
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

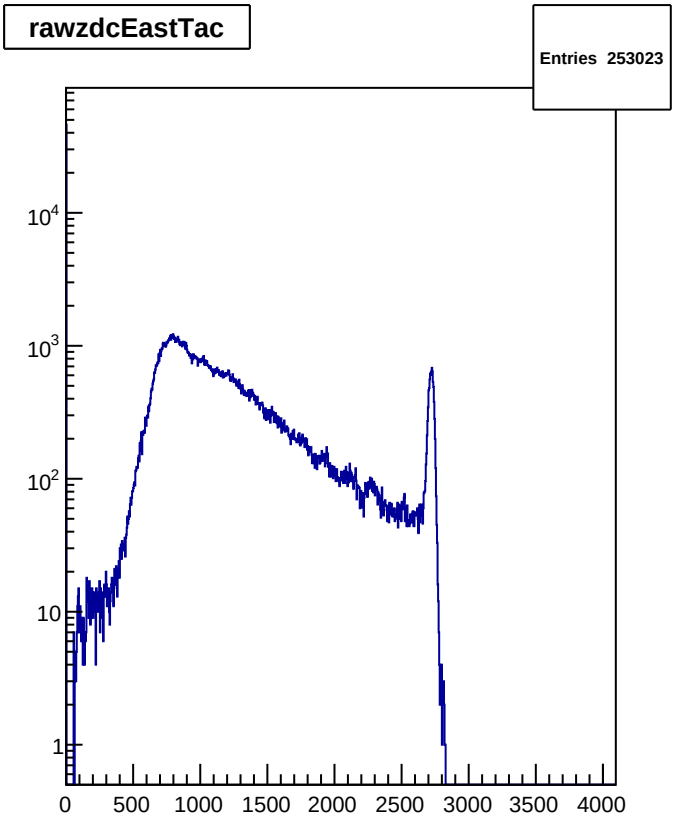

BBQ-BB001 (BBC east small tiles TAC)
Entries 4048368
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

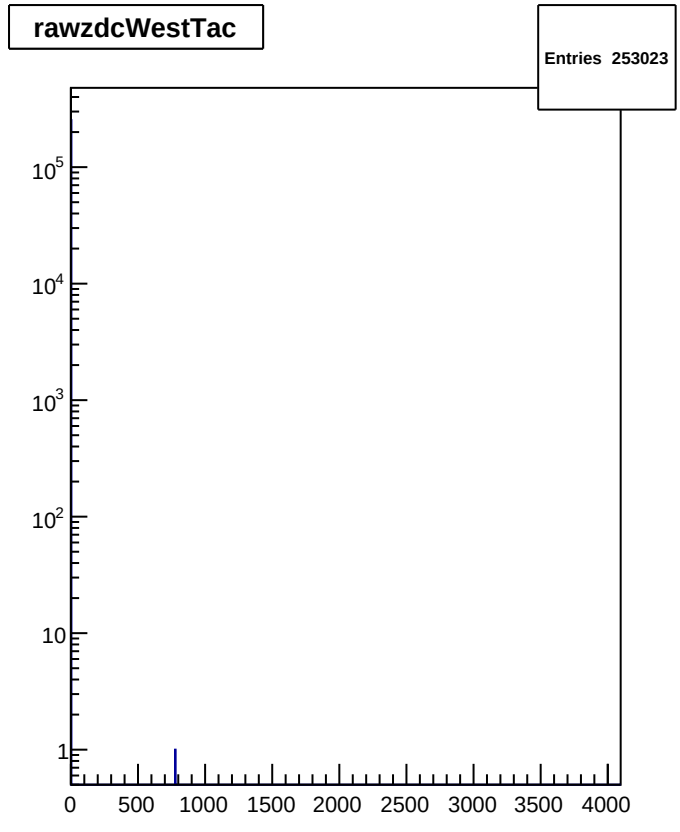

BBQ-BB002 (BBC west small tiles ADC)
Entries 4048368
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

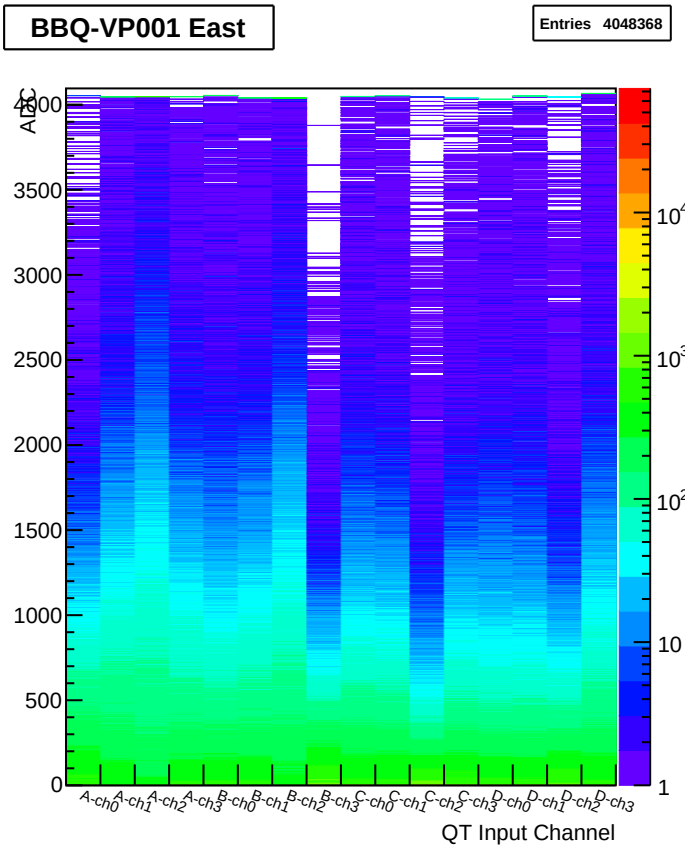

BBQ-BB002 (BBC west small tiles TAC)
Entries 4048368
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

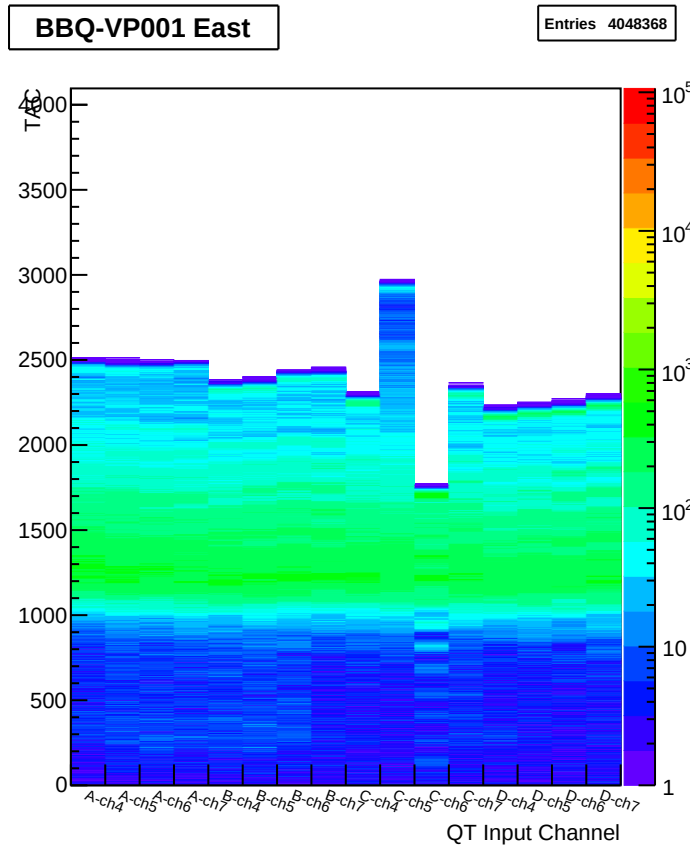

BBQ-ZD001 (ZDC TOWER)
Entries 4048368
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1A
Wsum
WsumA
W2
W3
W2A

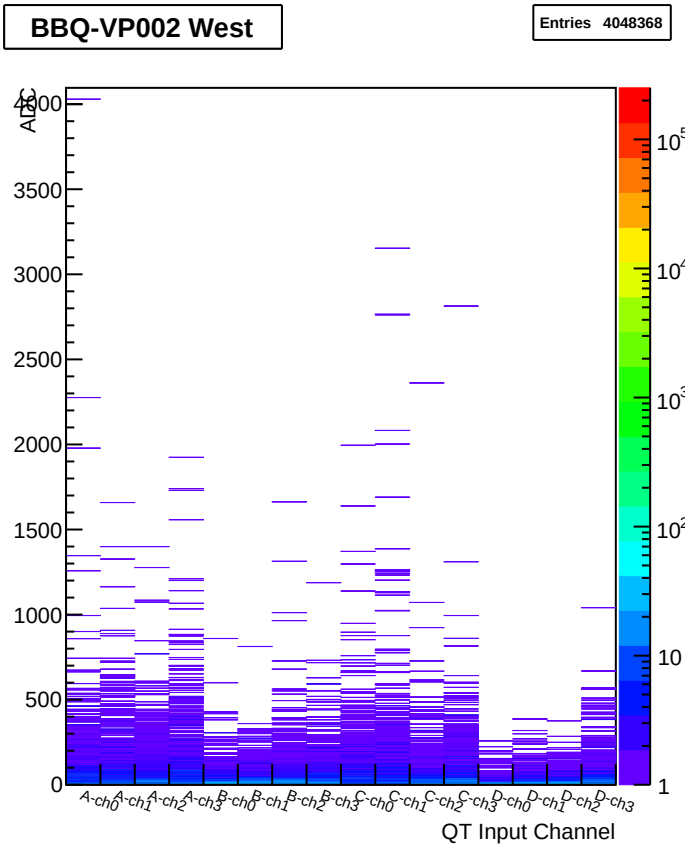

BBQ-ZD001 (ZDC TOWER)
Entries 4048368
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumATAC
W2TAC
W3TAC
W2ATAC

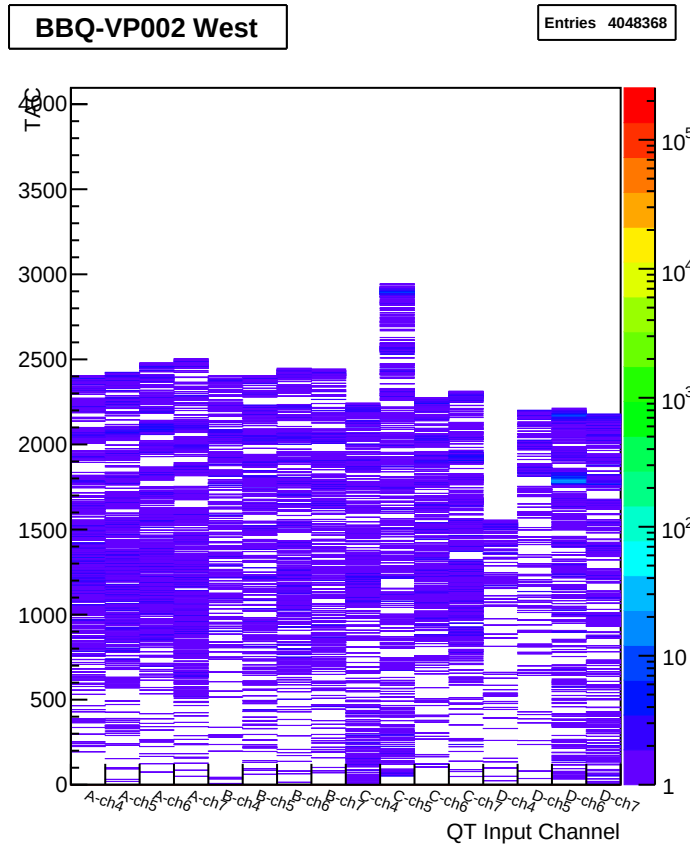

rawzdcEastTac
Entries 253023

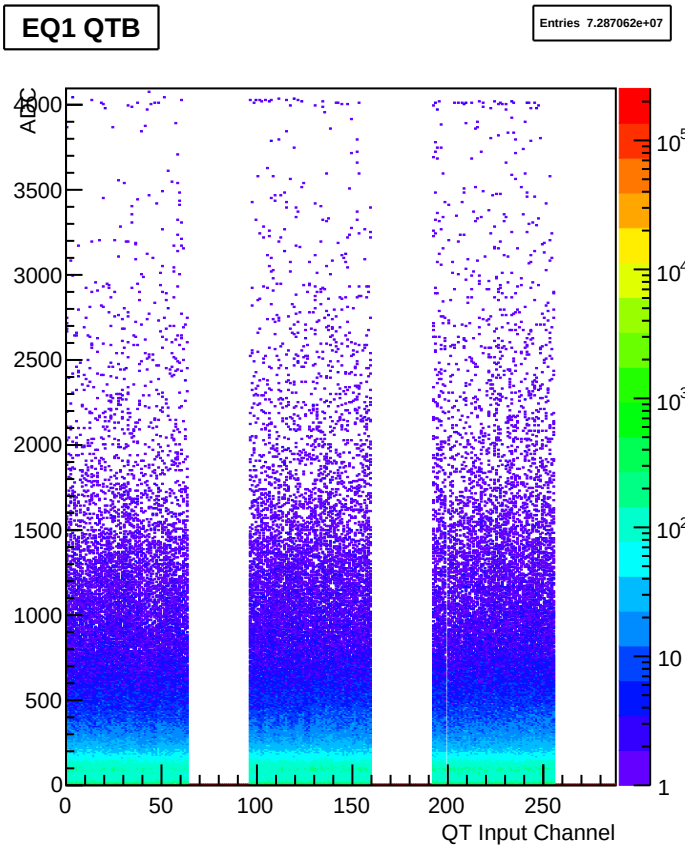

rawzdcWestTac
Entries 253023

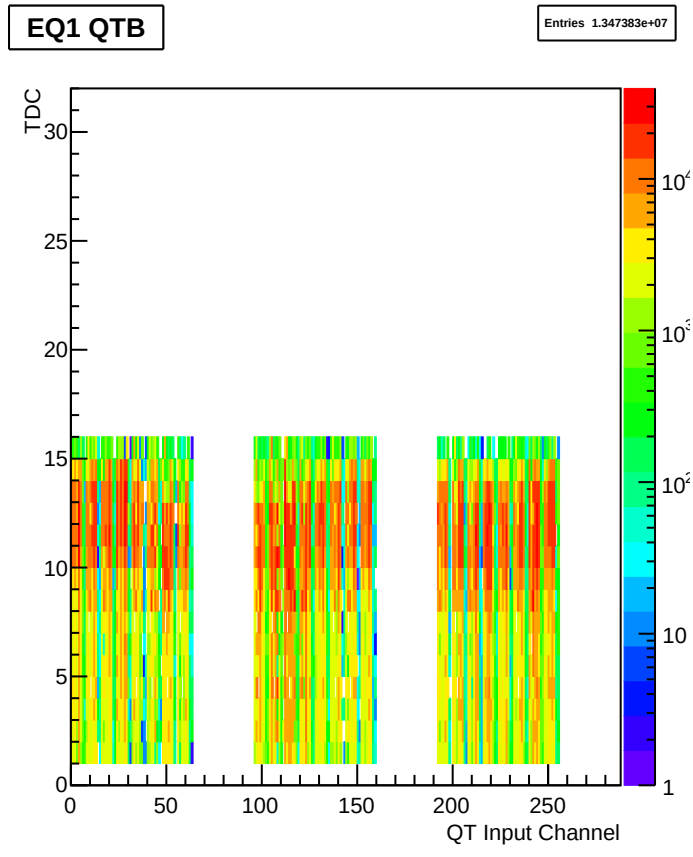

BBQ-VP001 East
Entries 4048368
ADC
QT Input Channel

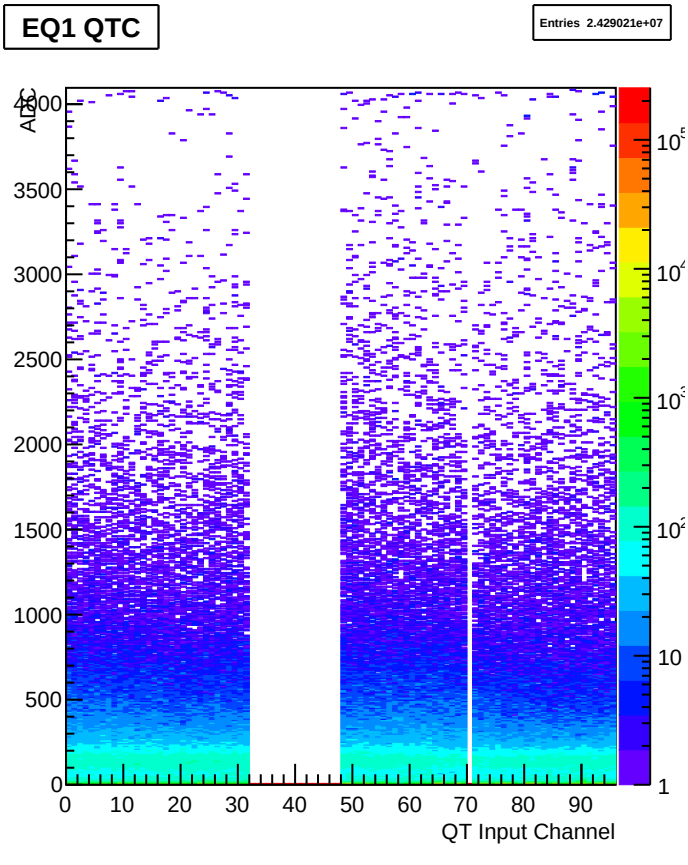

BBQ-VP001 East
Entries 4048368
TADC
QT Input Channel

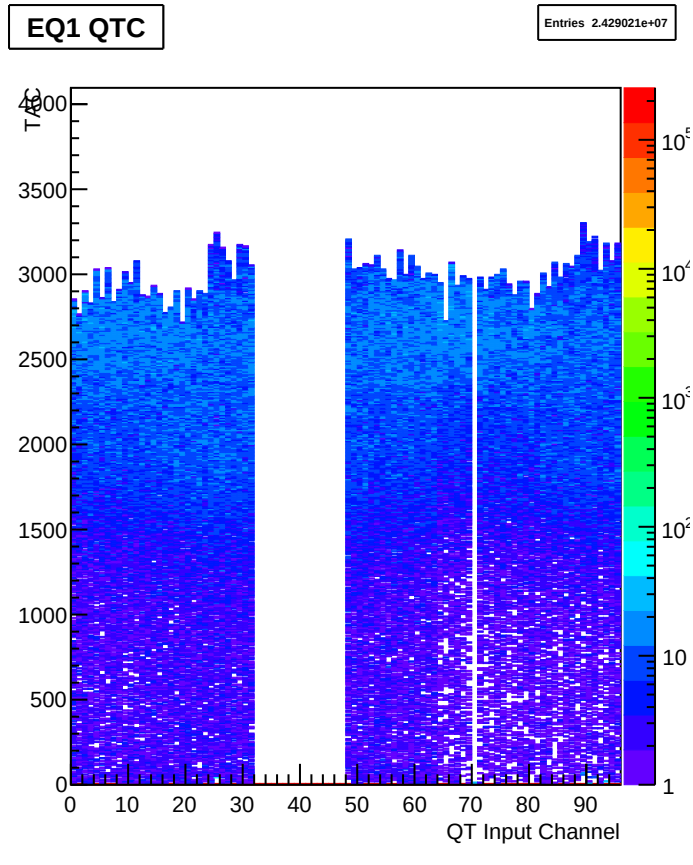

BBQ-VP002 West
Entries 4048368
ADC
QT Input Channel

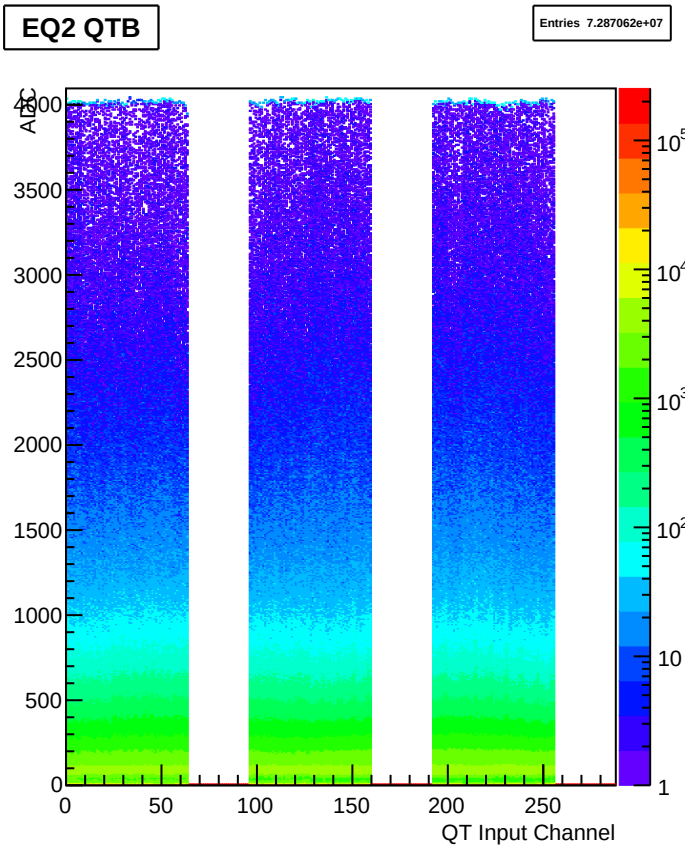

BBQ-VP002 West
Entries 4048368
TADC
QT Input Channel

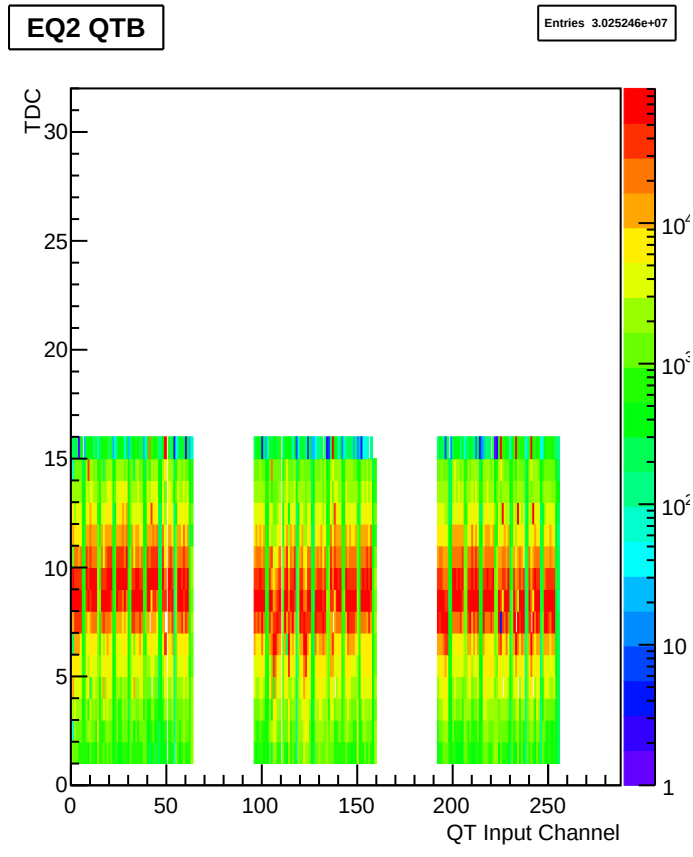

EQ1 QTB
Entries 7.287062e+07
ADC
QT Input Channel

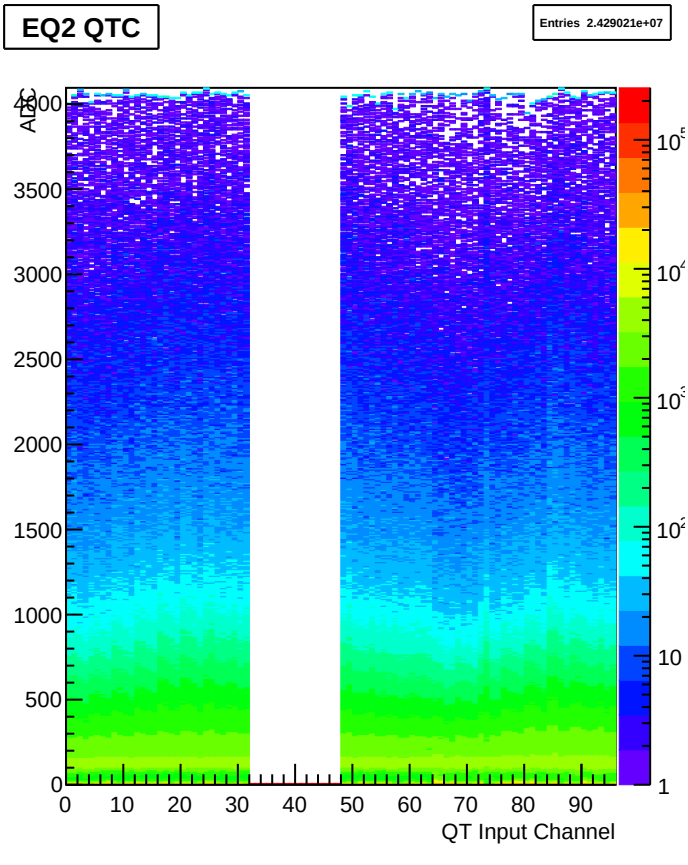

EQ1 QTB
Entries 1.347383e+07
TDC
QT Input Channel

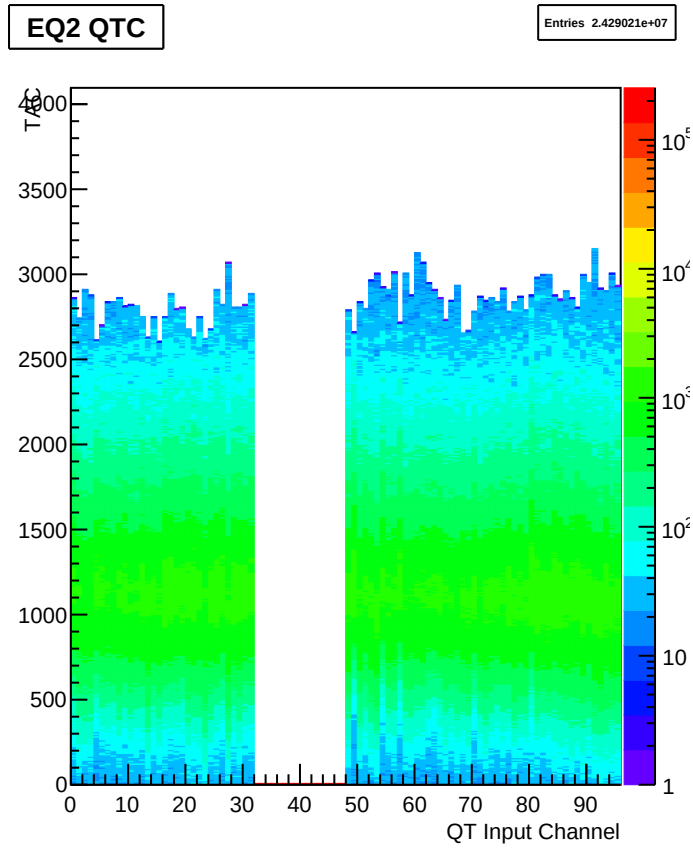

EQ1 QTC
Entries 2.429021e+07
ADC
QT Input Channel

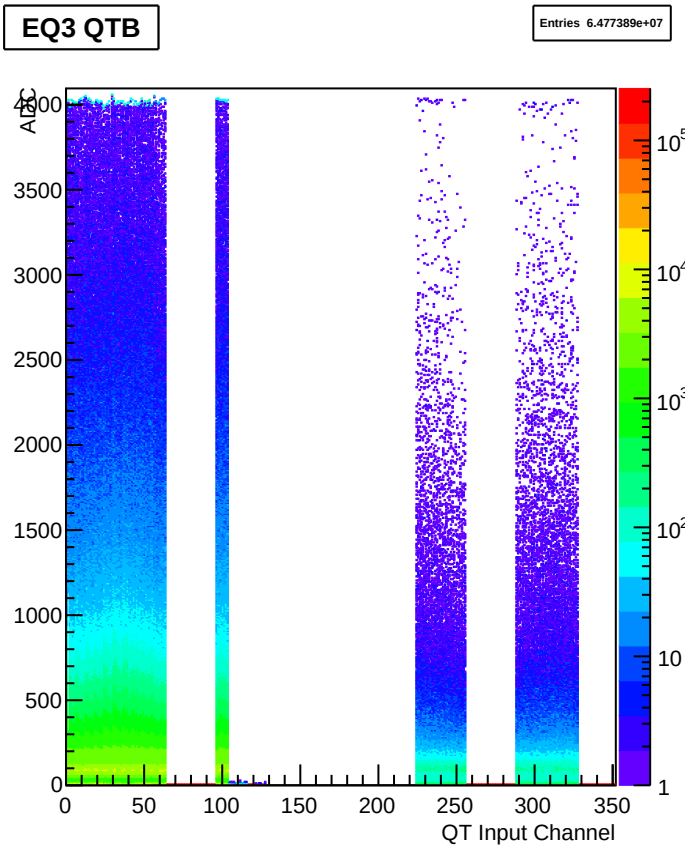

EQ1 QTC
Entries 2.429021e+07
TADC
QT Input Channel

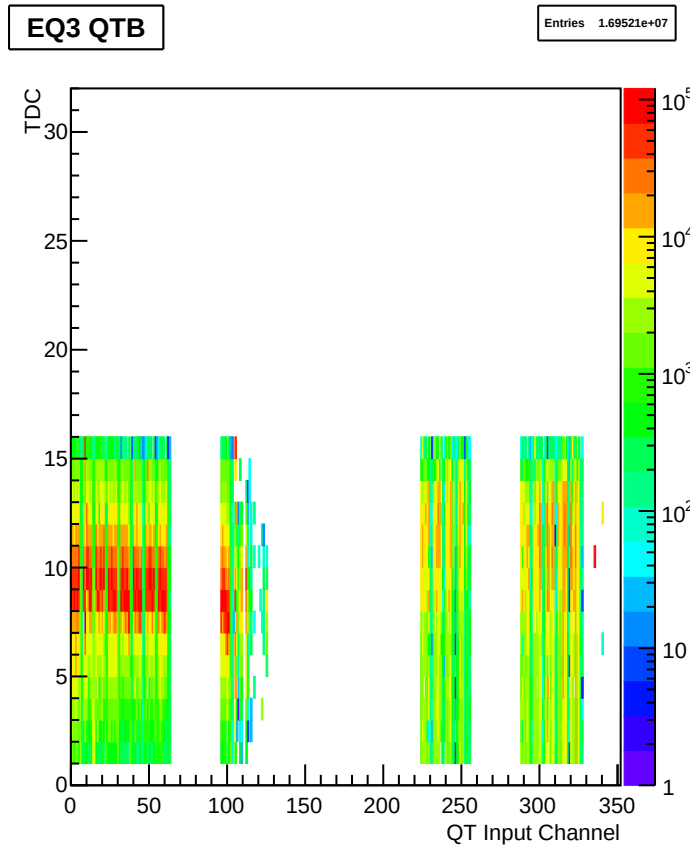

EQ2 QTB
Entries 7.287062e+07
ADC
QT Input Channel

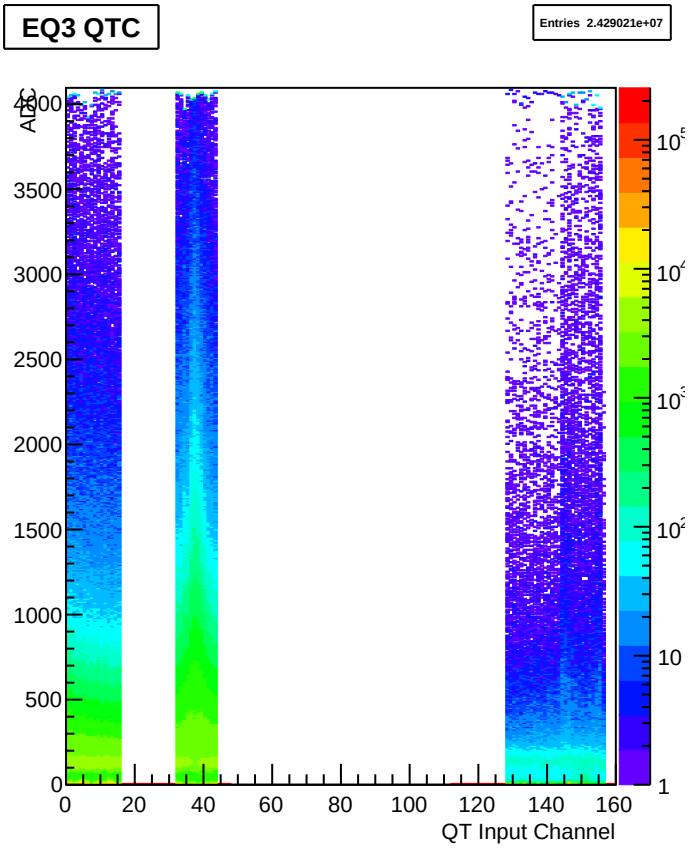

EQ2 QTB
Entries 3.025246e+07
TDC
QT Input Channel

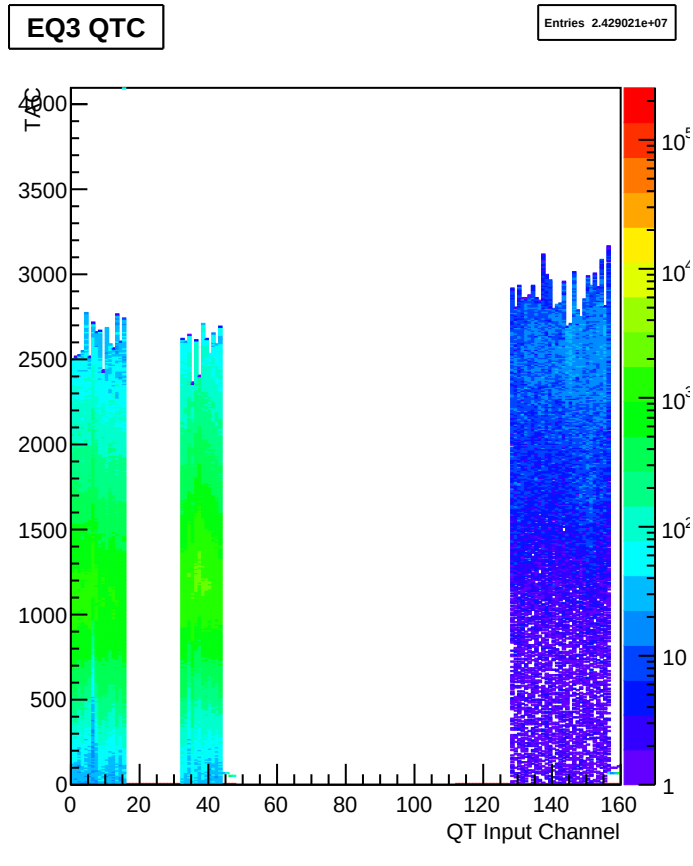

EQ2 QTC
Entries 2.429021e+07
ADC
QT Input Channel

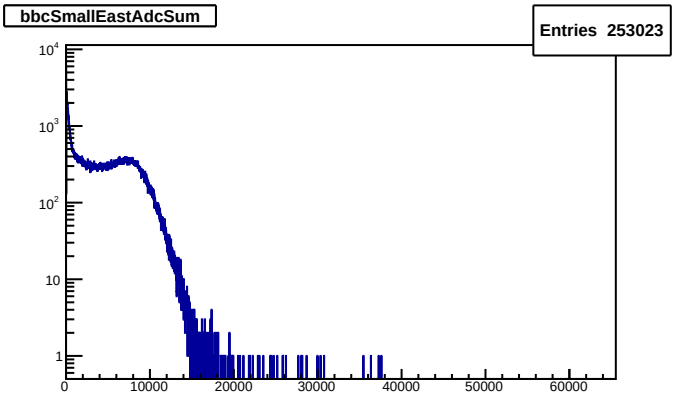

EQ2 QTC
Entries 2.429021e+07
TADC
QT Input Channel

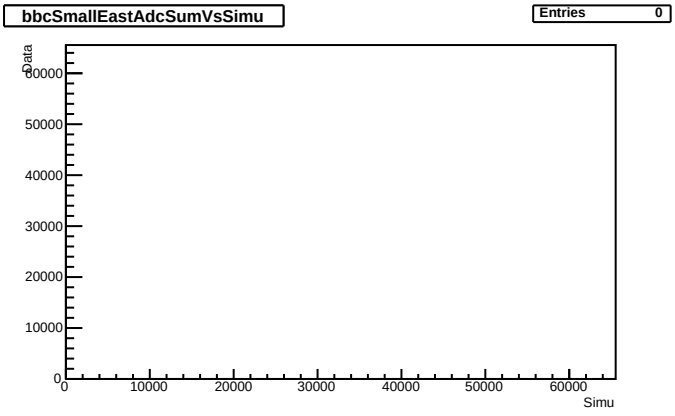

EQ3 QTB
Entries 6.477389e+07
ADC
QT Input Channel

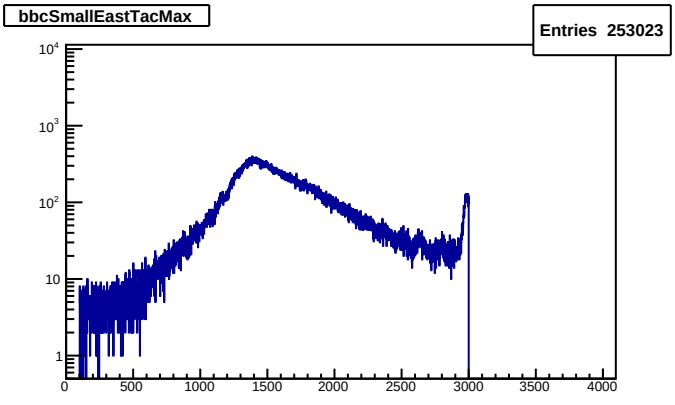

EQ3 QTB
Entries 1.69521e+07
TDC
QT Input Channel

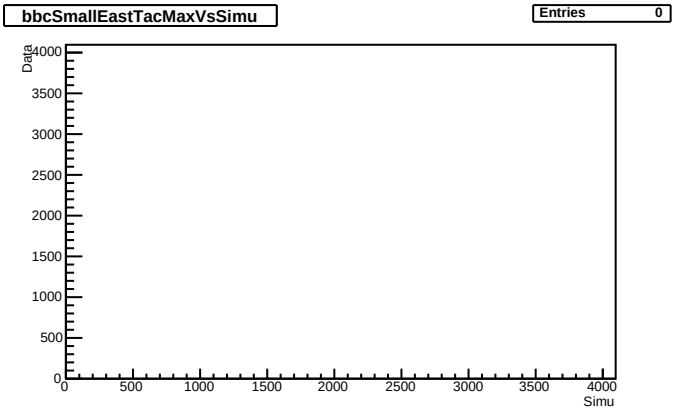

EQ3 QTC
Entries 2.429021e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.429021e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 253023


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 253023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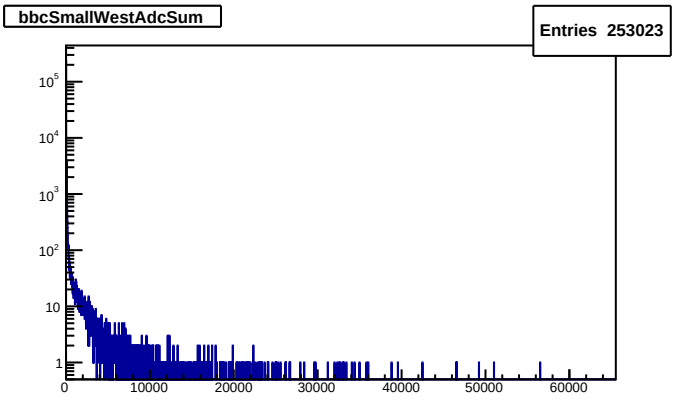
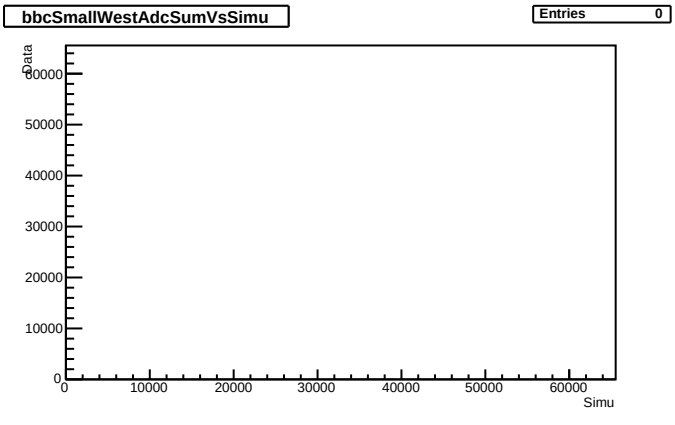

bbcSmallWestAdcSum
Entries 253023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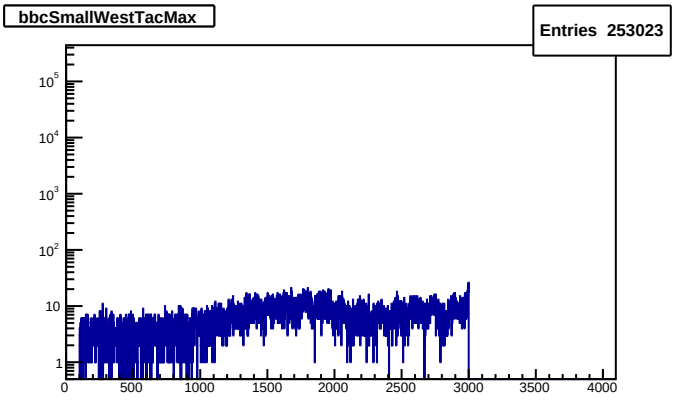
Simu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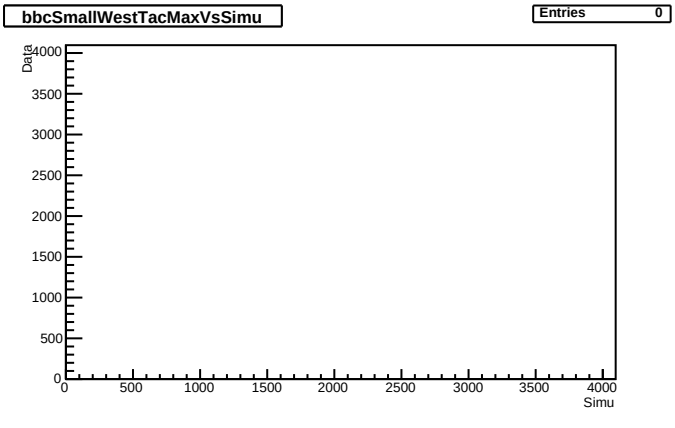
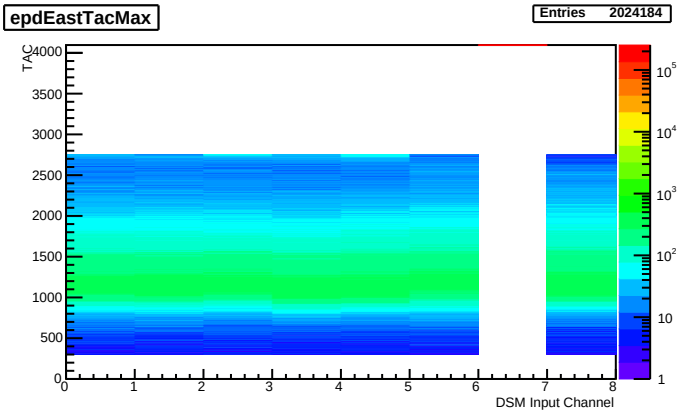
Entries 253023


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
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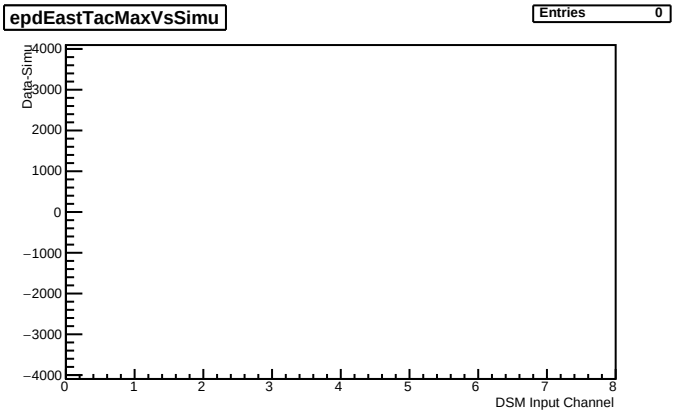
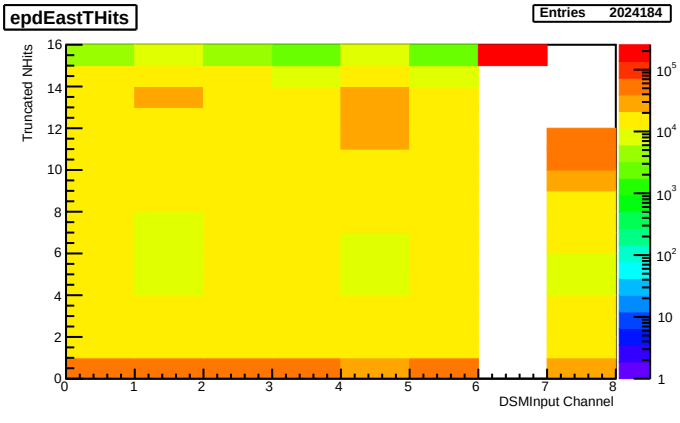
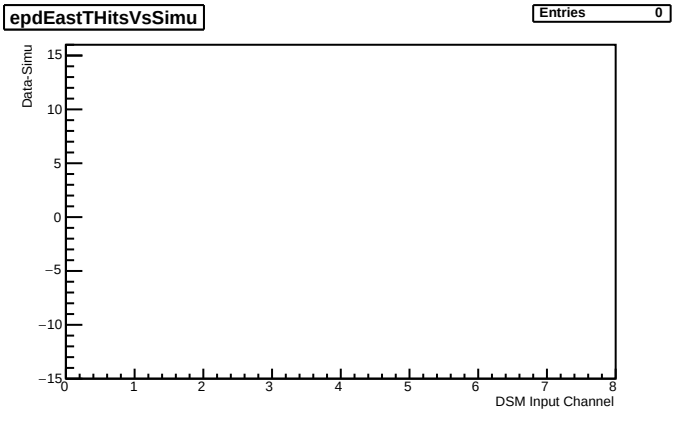
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2024184
Truncated NHits
DSMInput Channel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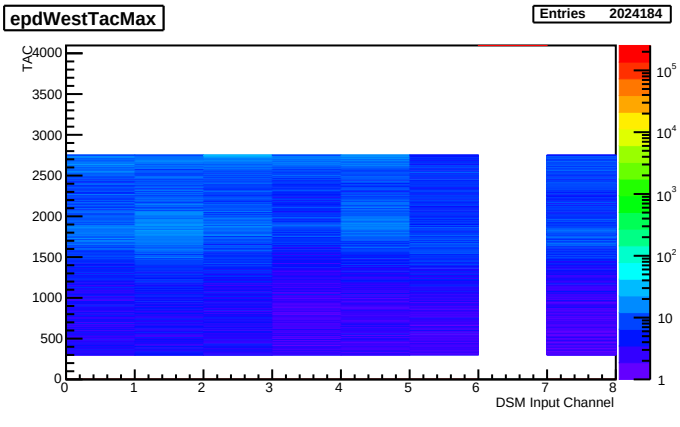
Data-Simu
DSM Input Channel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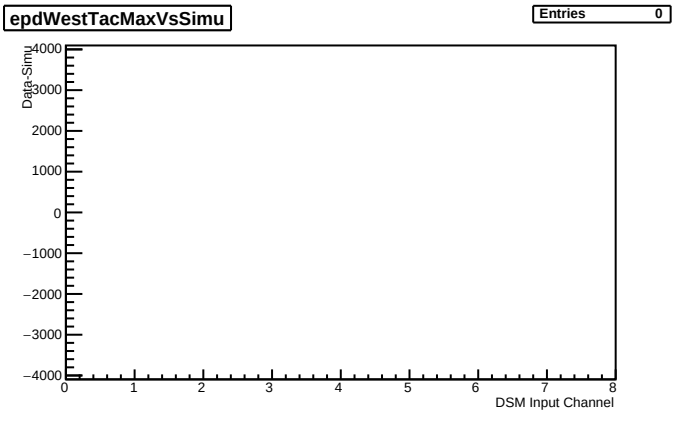
DSM Input Channel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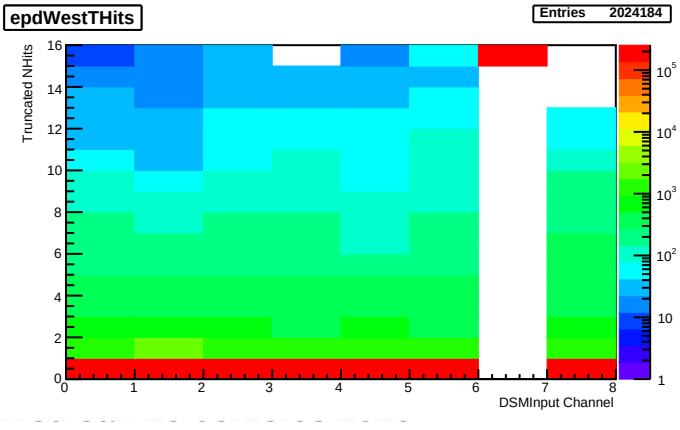
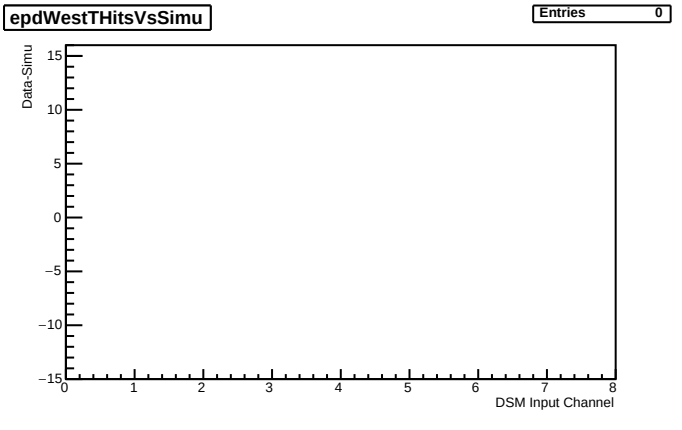
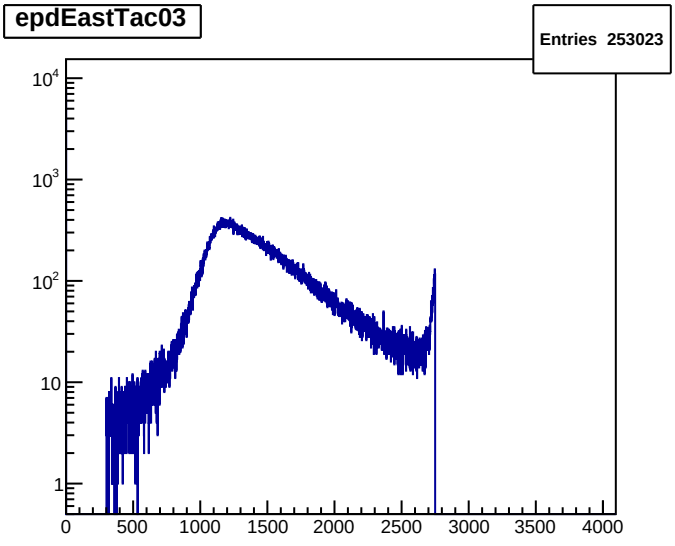
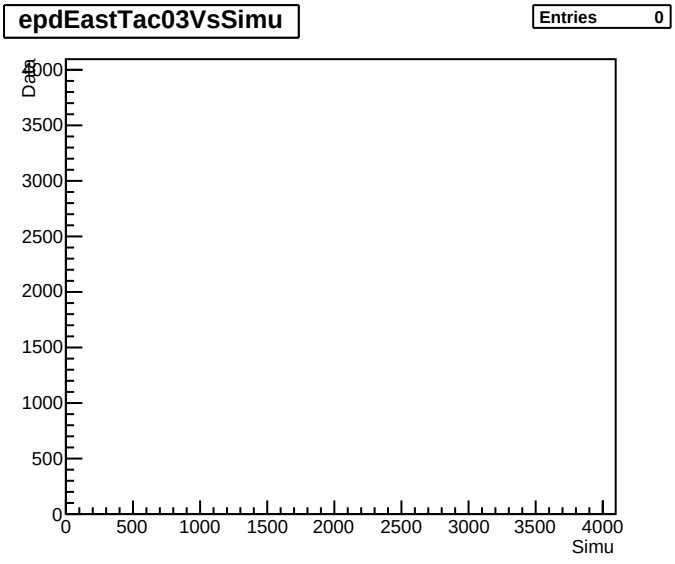
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2024184
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 253023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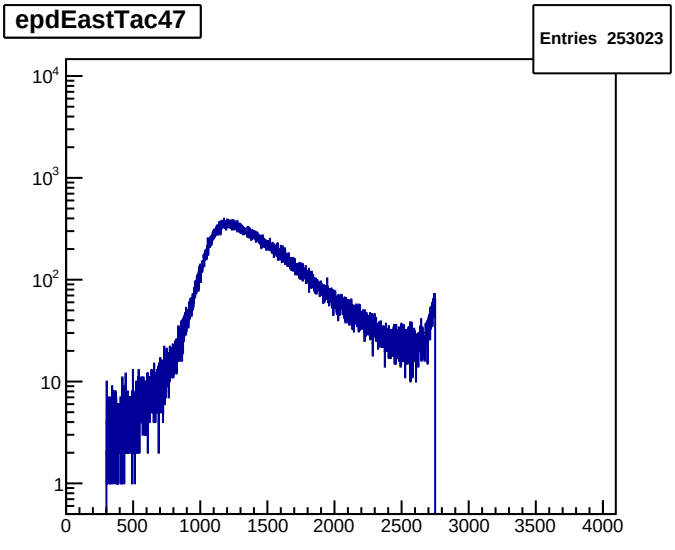
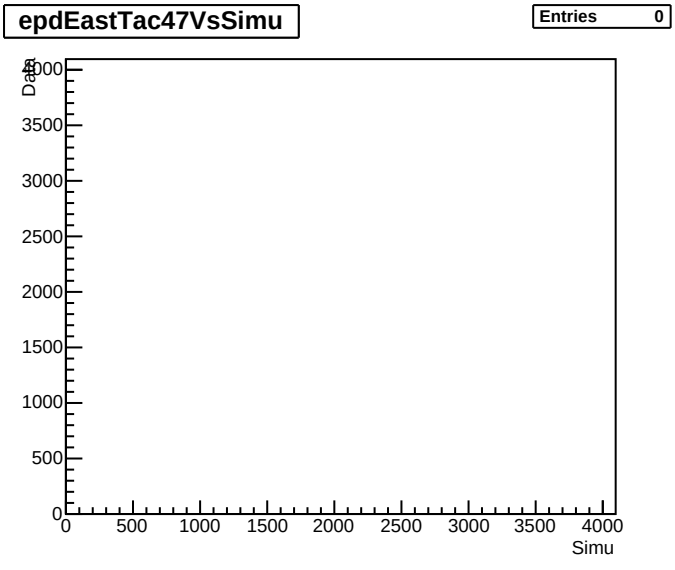
Entries 0
Data
Simu


epdEastTac47
Entries 253023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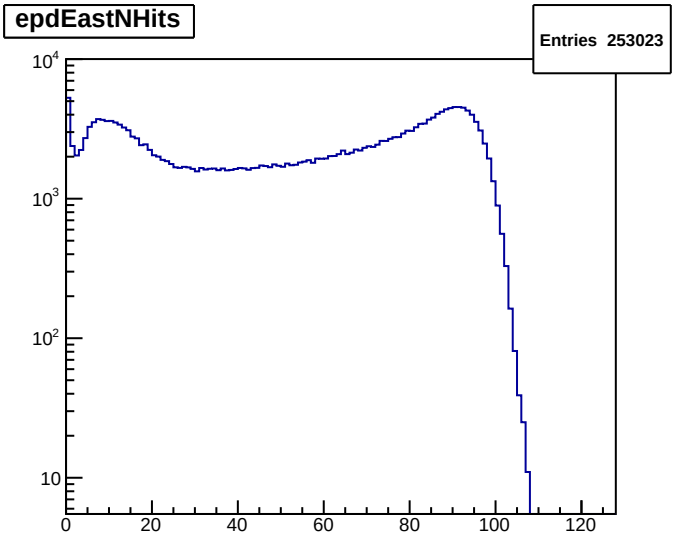
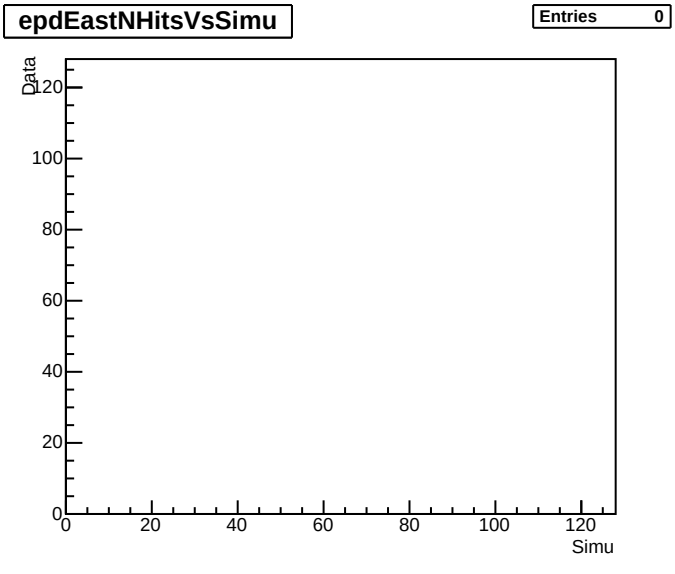
Entries 0
Data
Simu


epdEastNHits
Entries 253023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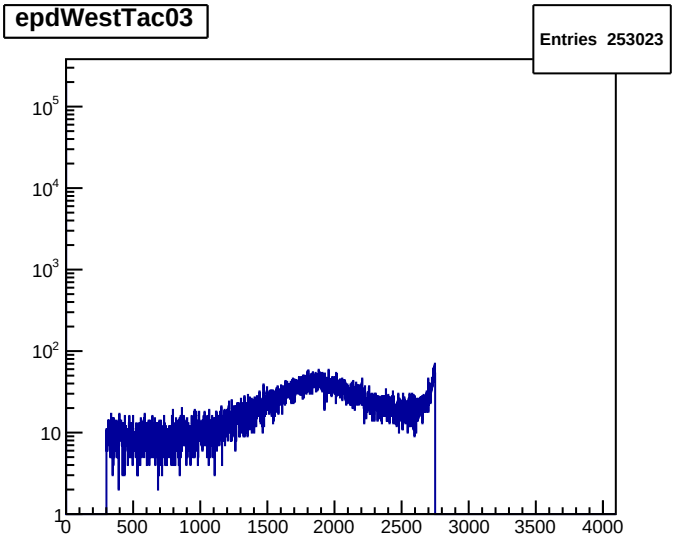
Entries 0
Data
Simu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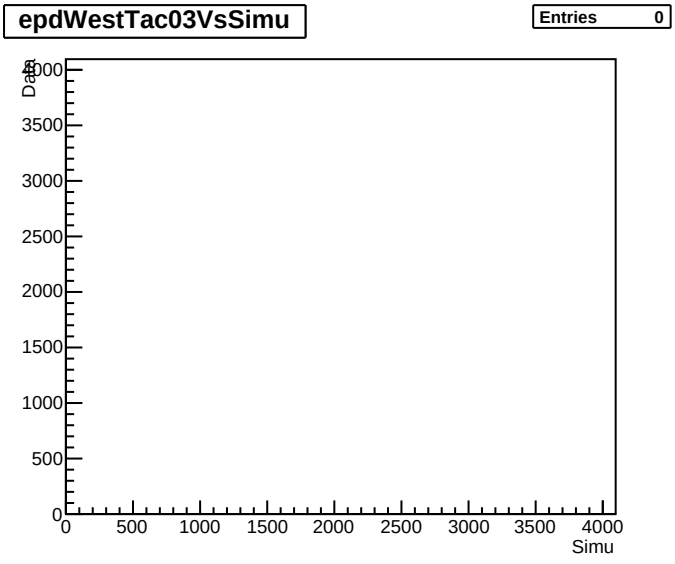
Entries 253023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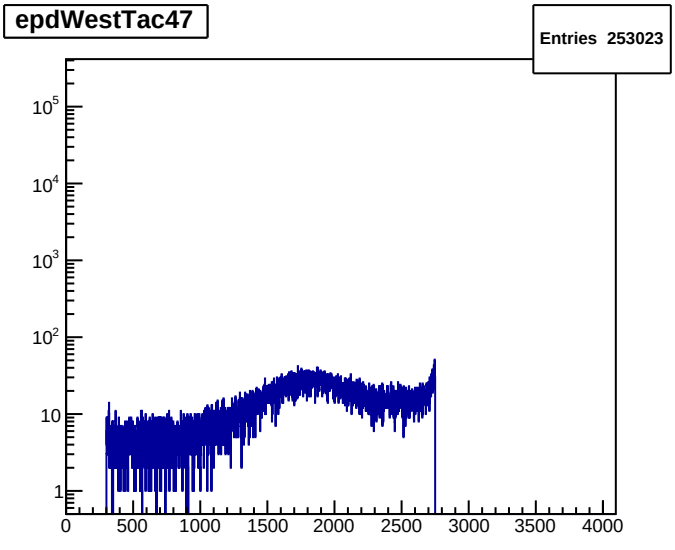
Entries 0
Data
Simu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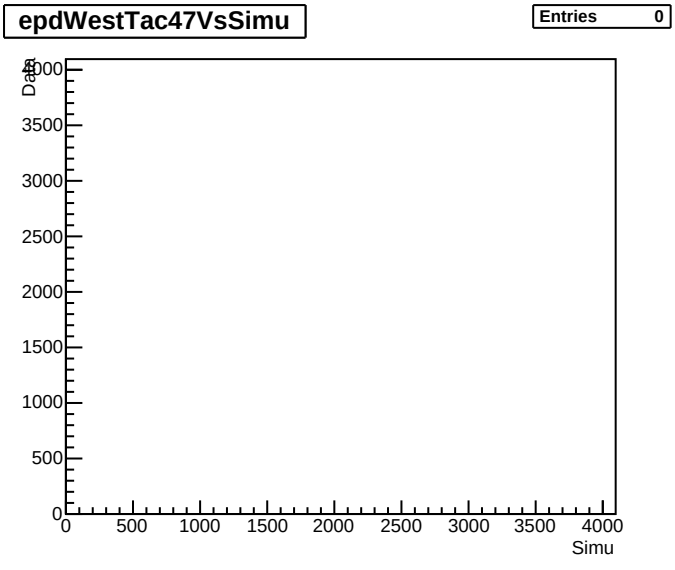
Entries 253023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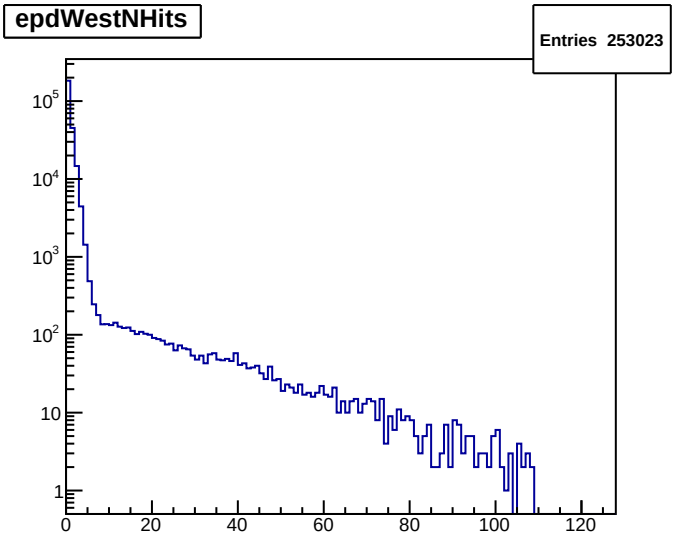
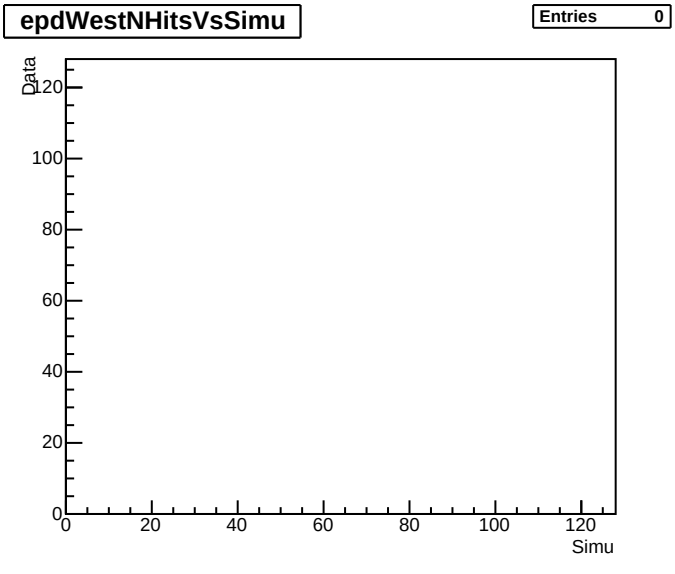
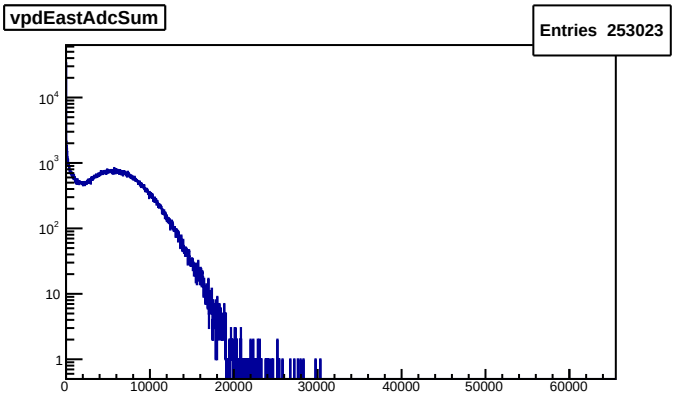
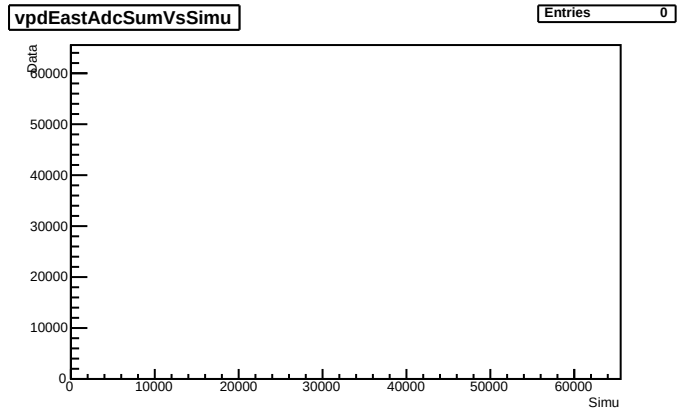
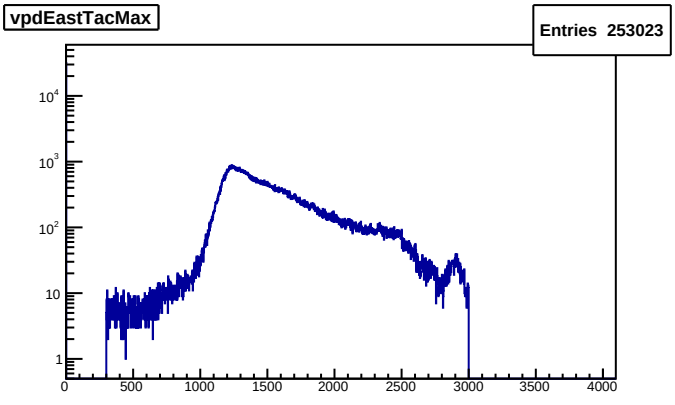
Entries 0
Data
Simu

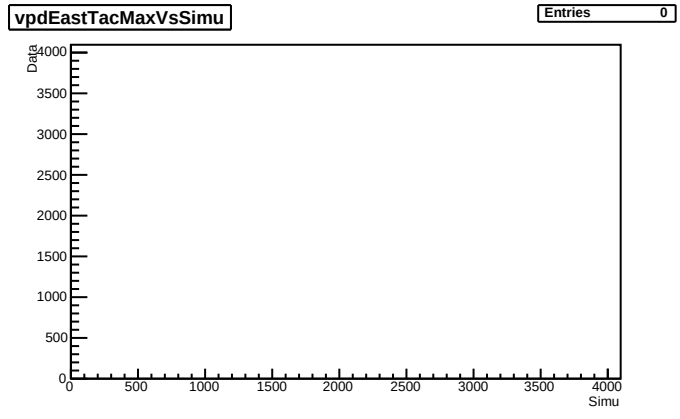

epdWestNHits
Entries 253023


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 253023


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 253023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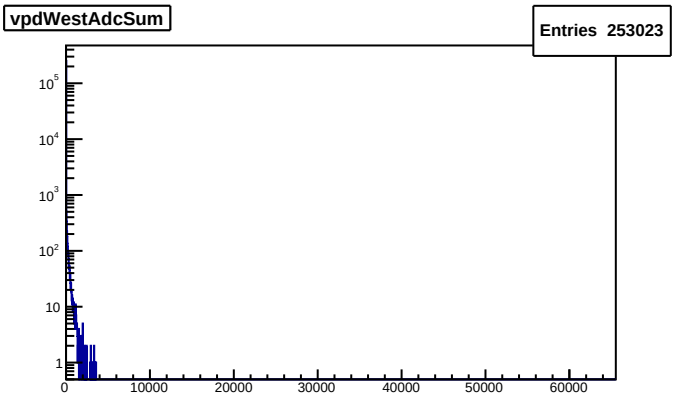
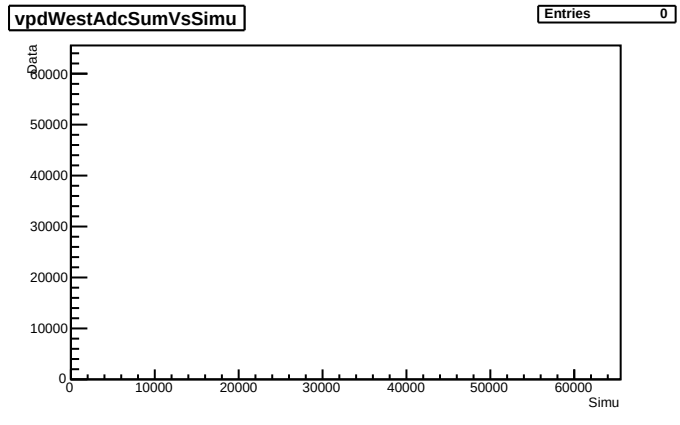
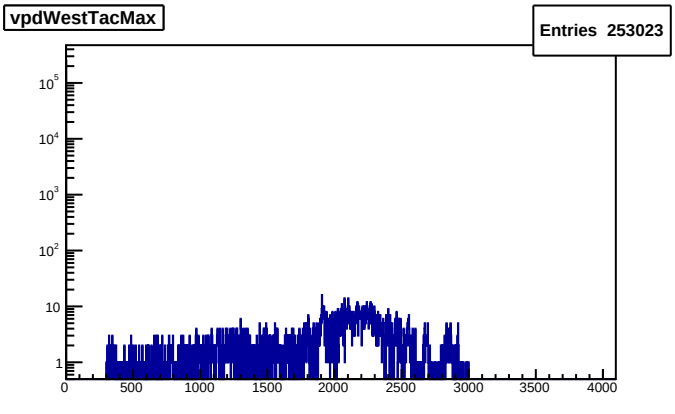
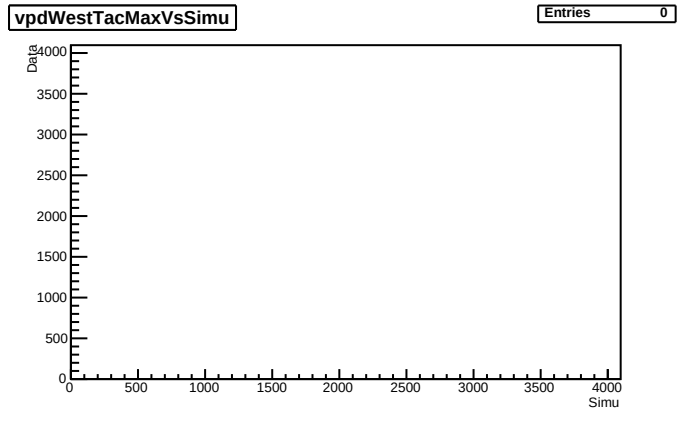
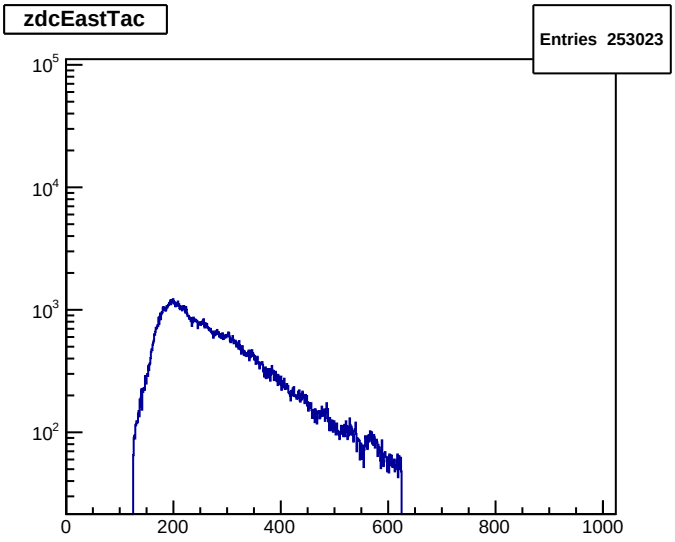
Entries 0
Data
Simu

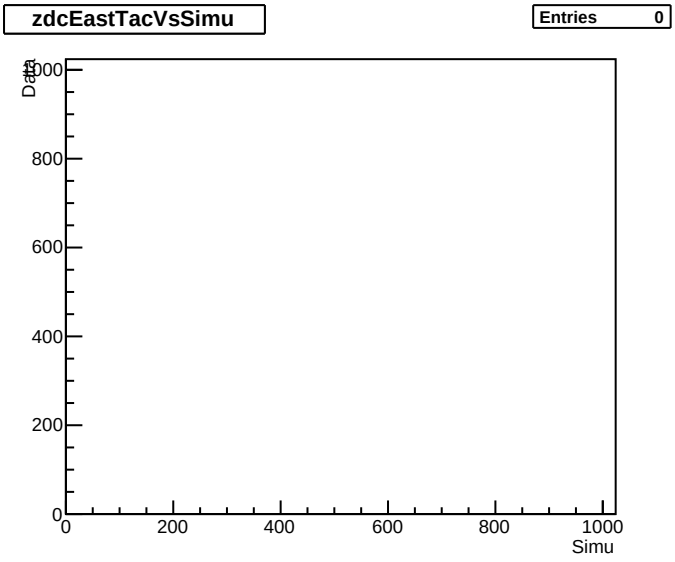

vpdWestAdcSum
Entries 253023

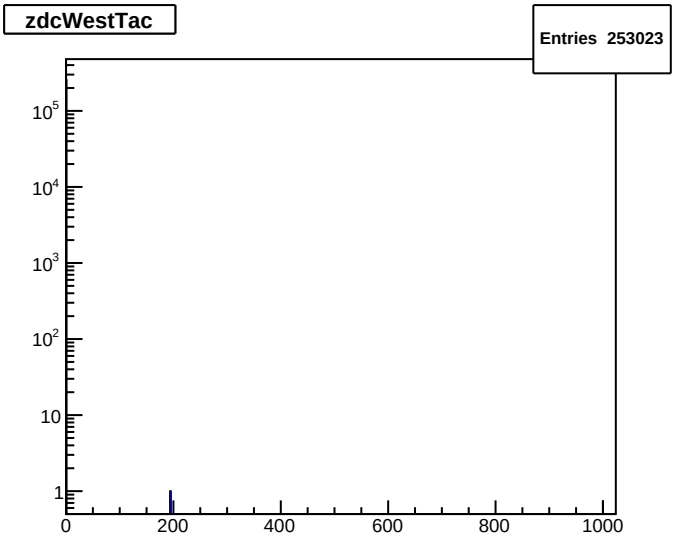

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

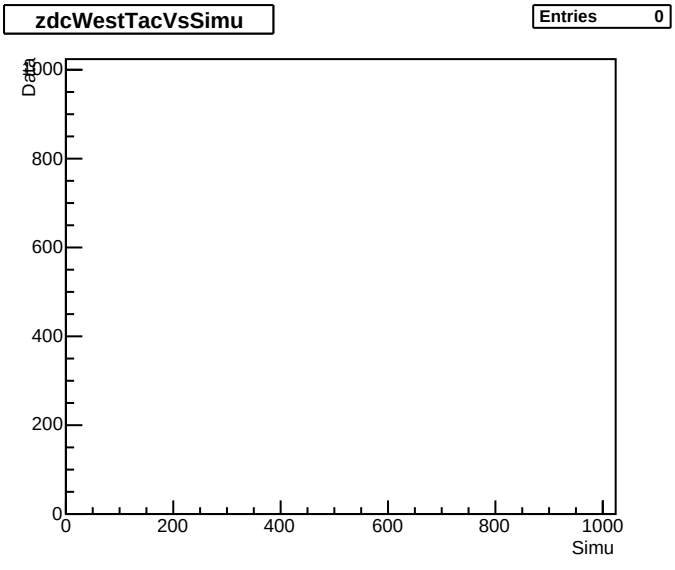

vpdWestTacMax
Entries 253023

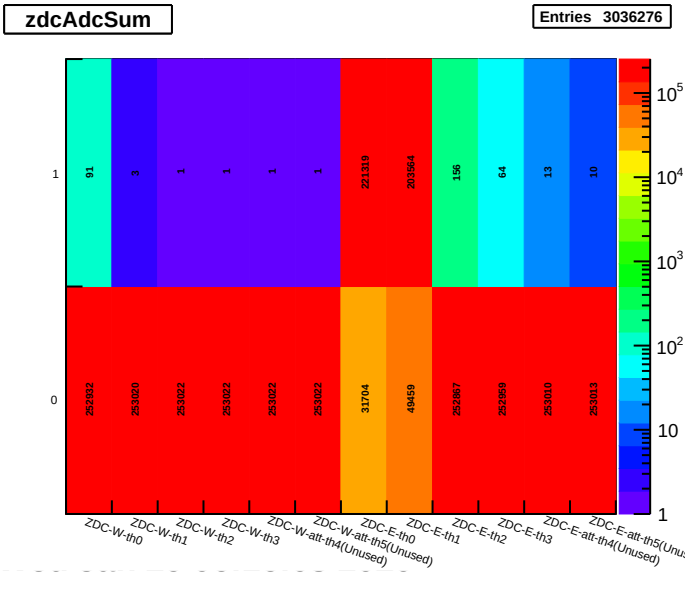

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

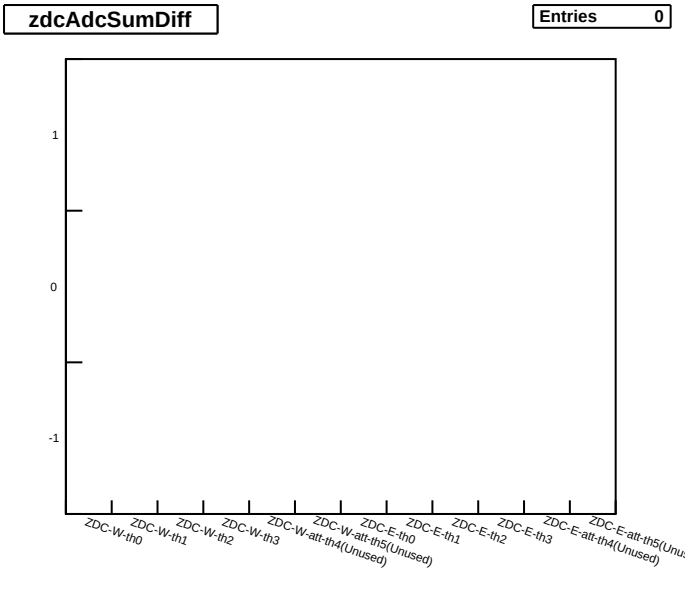

zdcEastTac
Entries 253023
10^5
10^4
10^3
10^2
0
200
400
600
800
1000

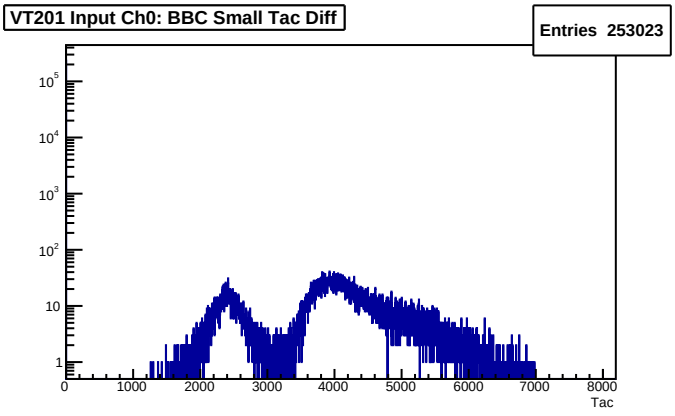

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

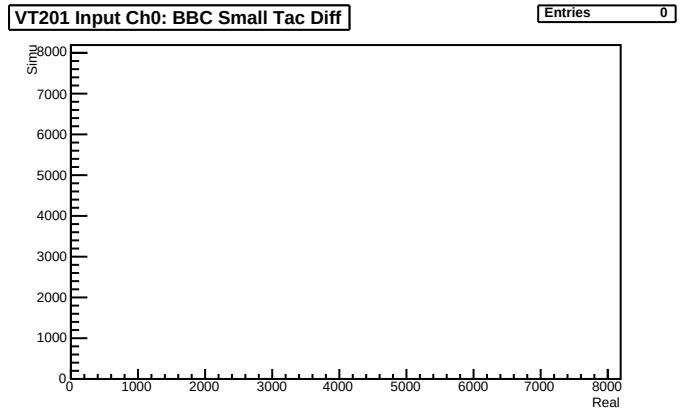

zdcWestTac
Entries 253023
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

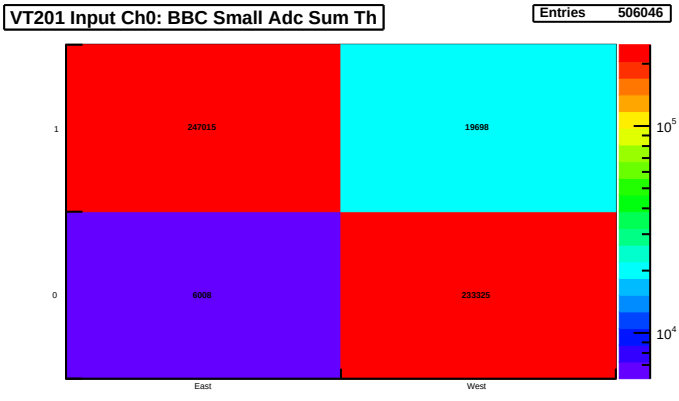

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

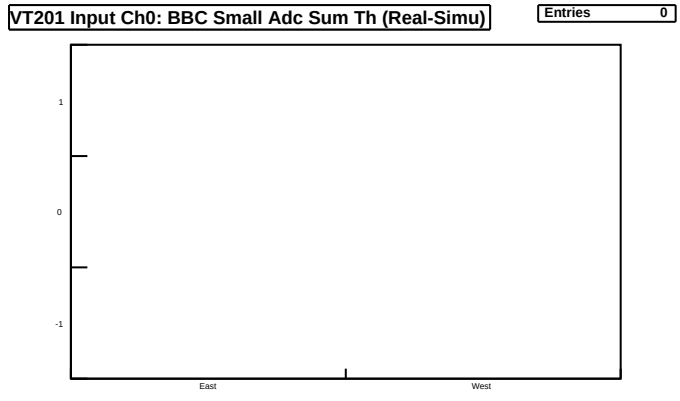

zdcAdcSum
Entries 3036276
1
0
91
3
1
1
1
1
221319
203564
156
64
13
10
252932
253020
253022
253022
253022
253022
31704
49459
252867
252959
253010
253013
10^5
10^4
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

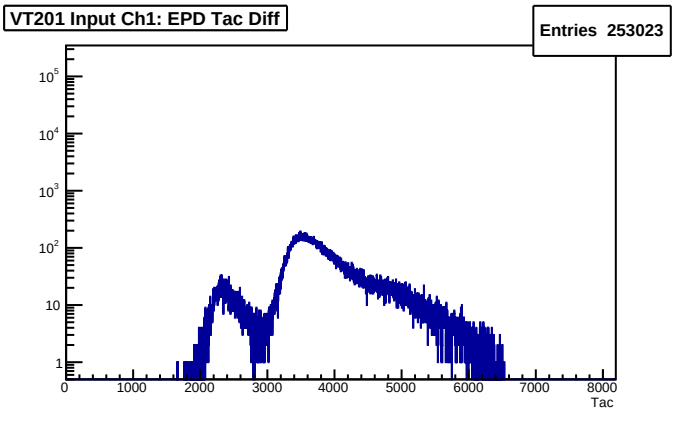

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

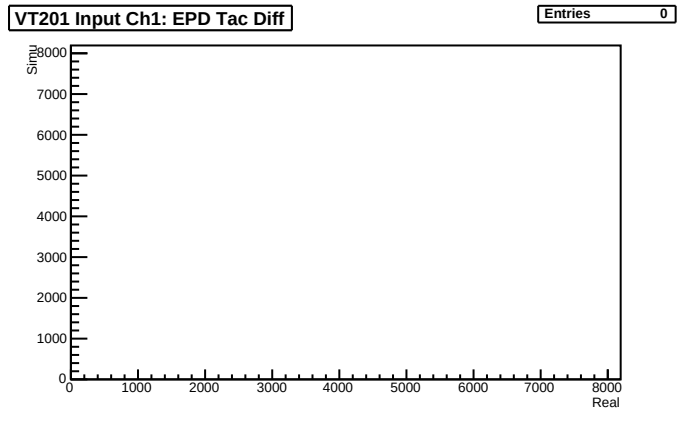

VT201 Input Ch0: BBC Small Tac Diff
Entries 253023
Tac

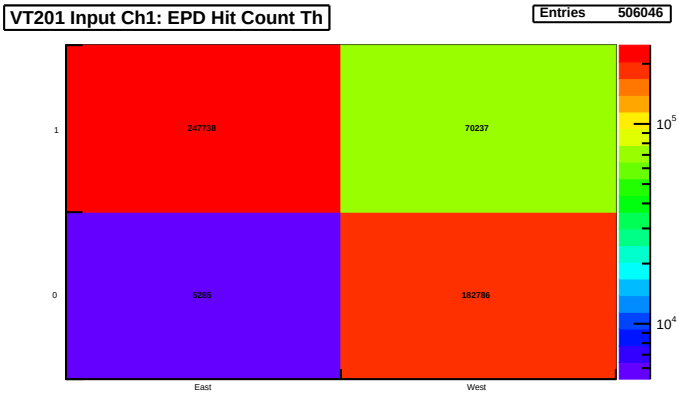

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

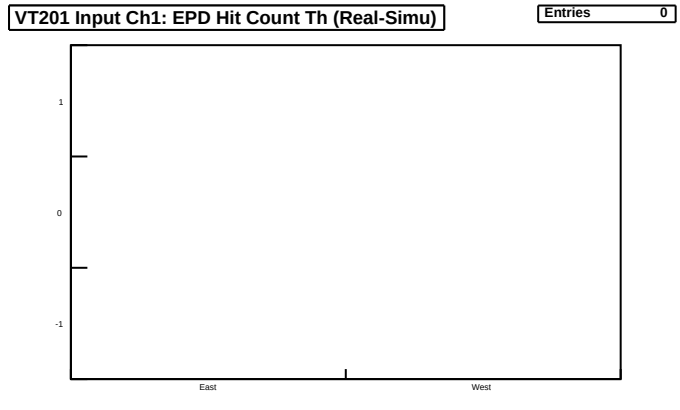

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 506046
247015
19698
6008
233325
East
West

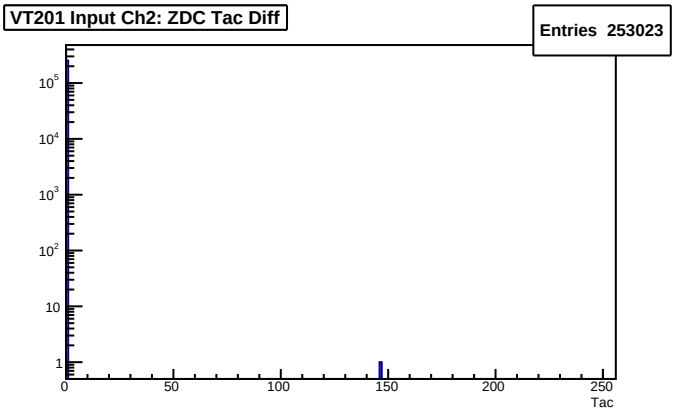

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

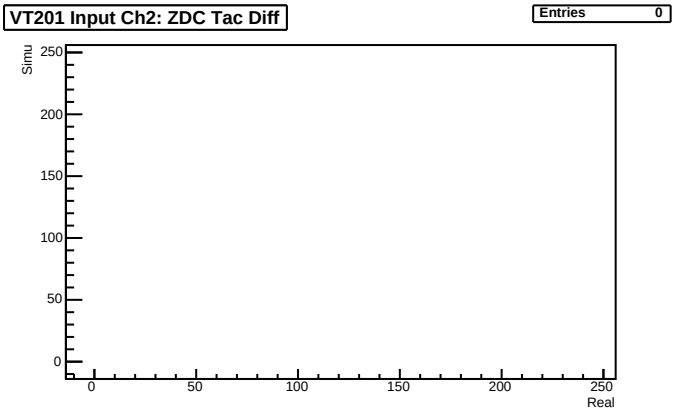

VT201 Input Ch1: EPD Tac Diff
Entries 253023
Tac

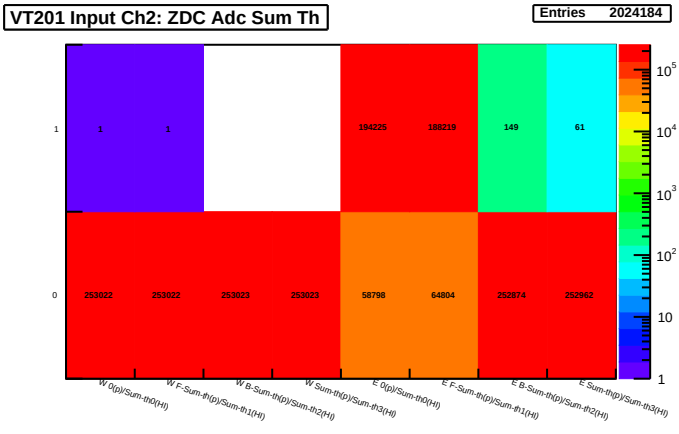

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

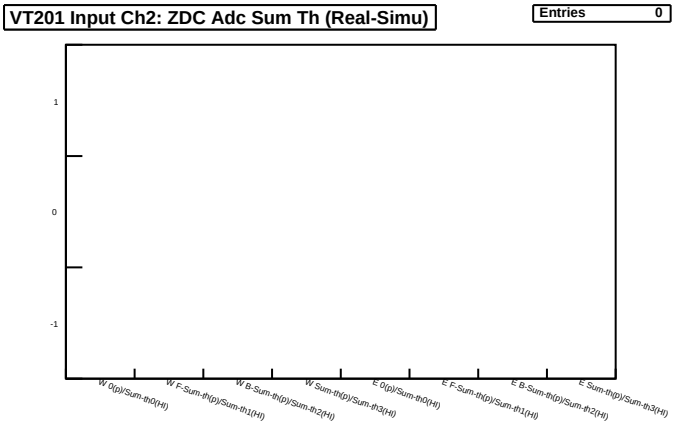

VT201 Input Ch1: EPD Hit Count Th
Entries 506046
247738
70237
5285
182786
East
West

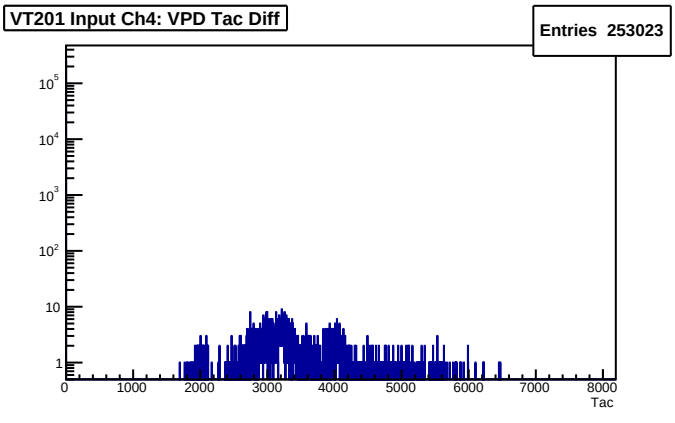

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

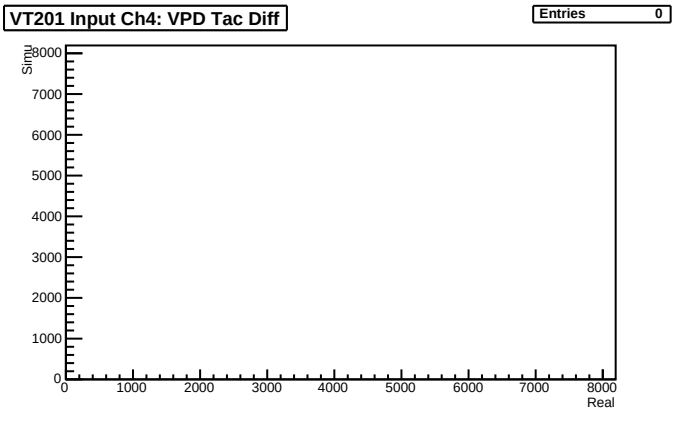

VT201 Input Ch2: ZDC Tac Diff
Entries 253023
Tac

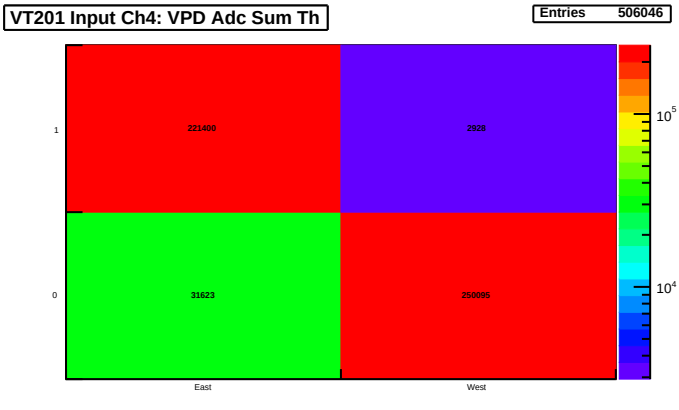

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

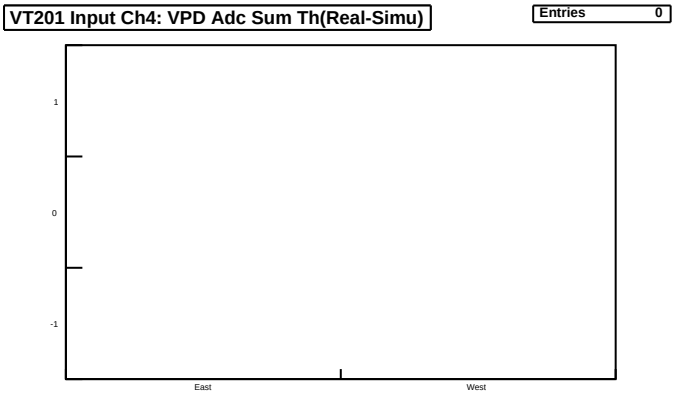

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2024184
1 1 194225 188219 149 61
253022 253022 253023 253023 58798 64804 252874 252962
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

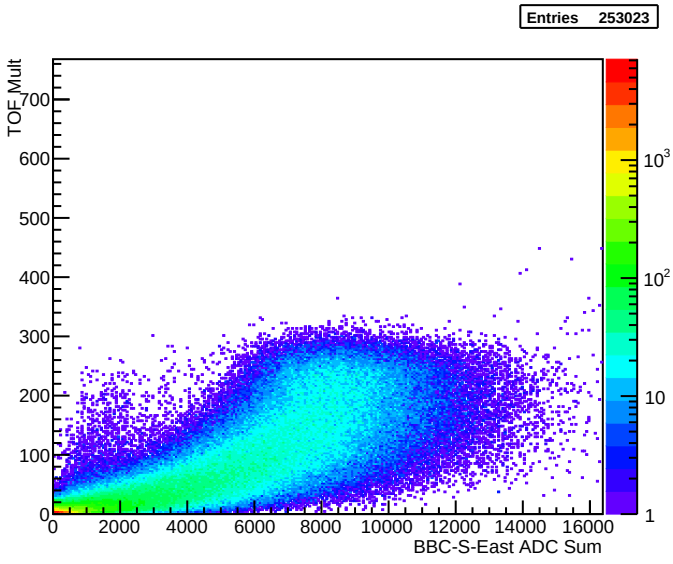

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

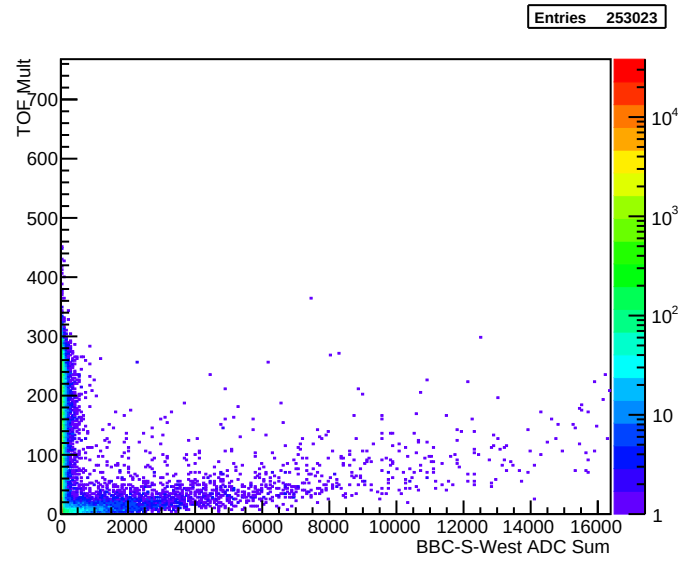

VT201 Input Ch4: VPD Tac Diff
Entries 253023
Tac

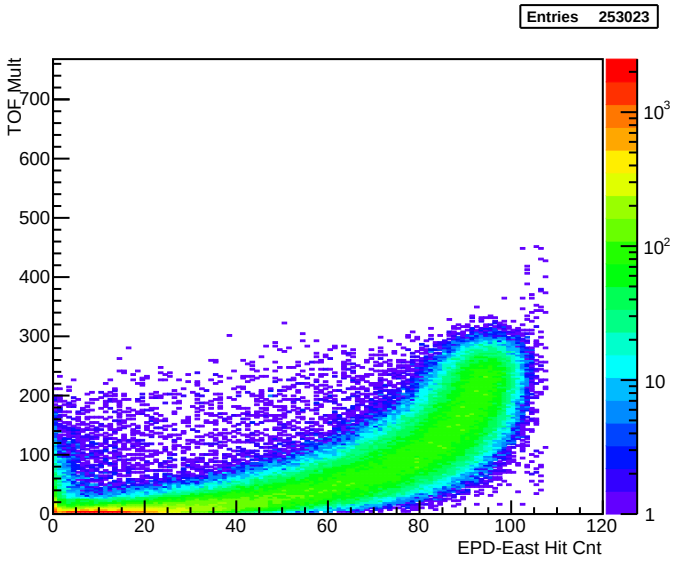

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

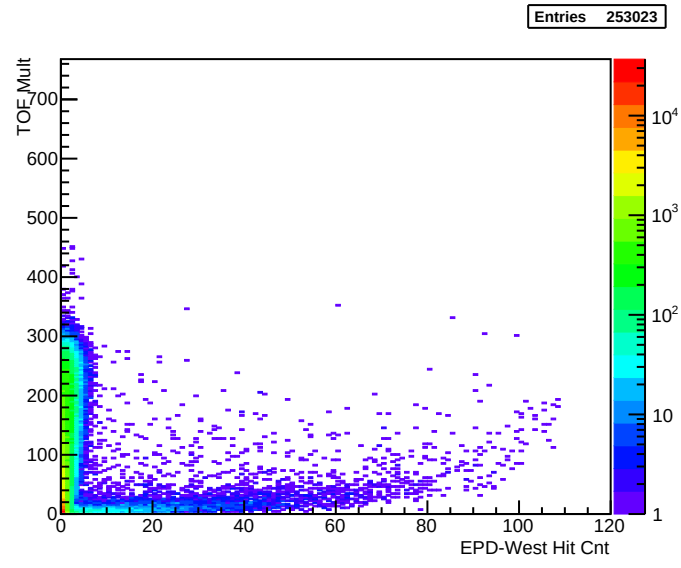

VT201 Input Ch4: VPD Adc Sum Th
Entries 506046
221400 2928
31623 250095
East
West

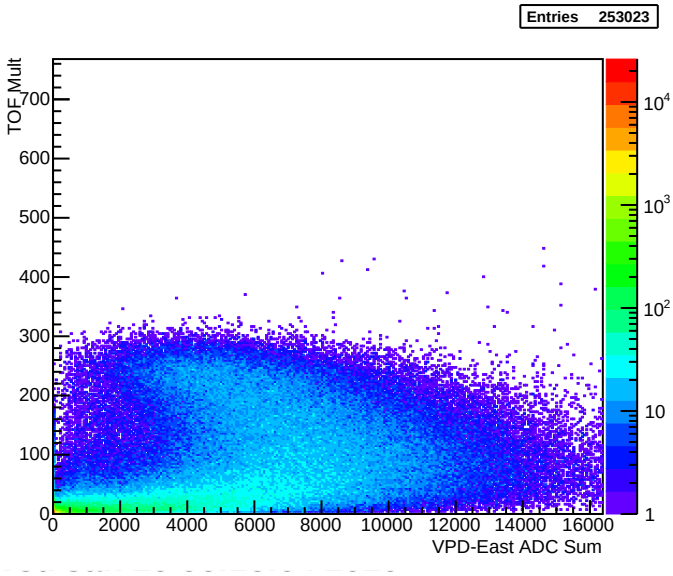

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

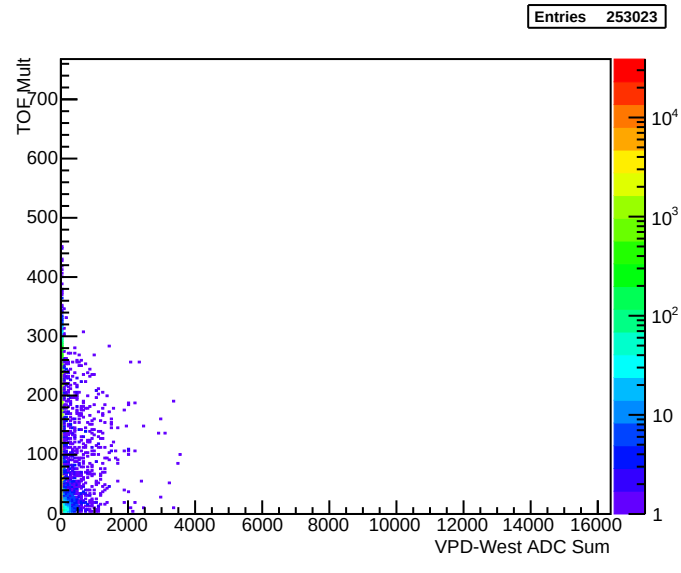

Entries 253023
TOF_Mult
BBC-S-East ADC Sum

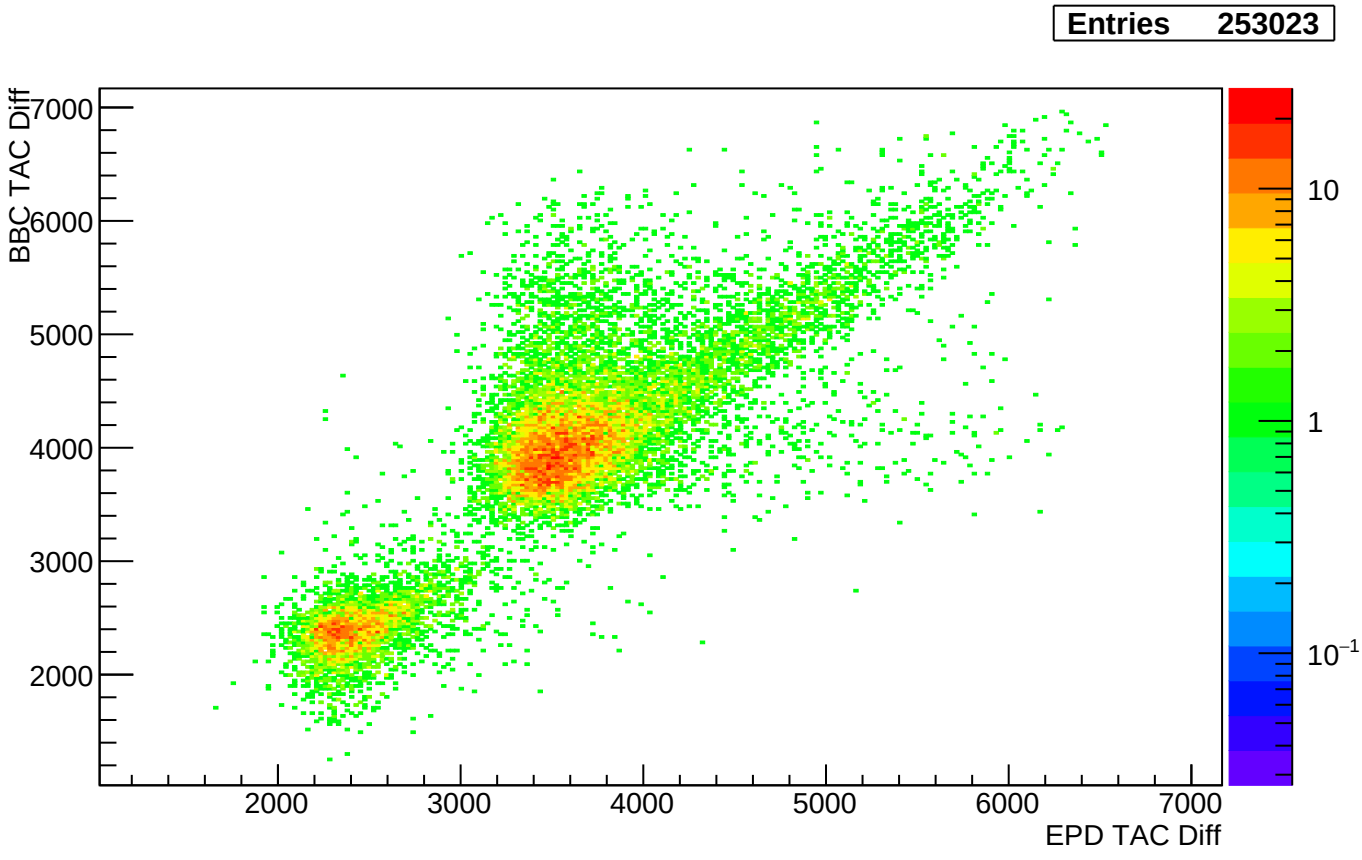

Entries 253023
TOF_Mult
BBC-S-West ADC Sum

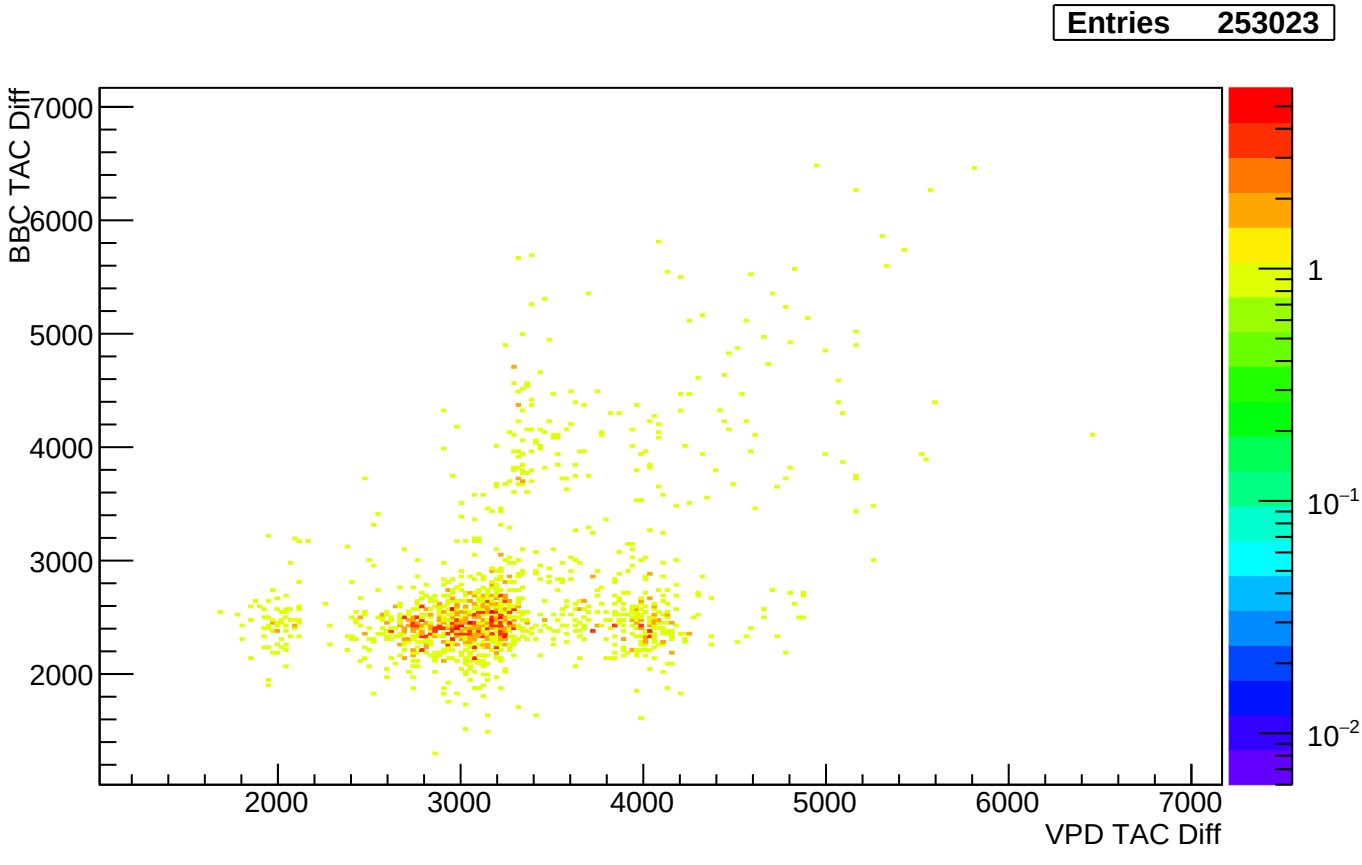

Entries 253023
TOF_Mult
EPD-East Hit Cnt

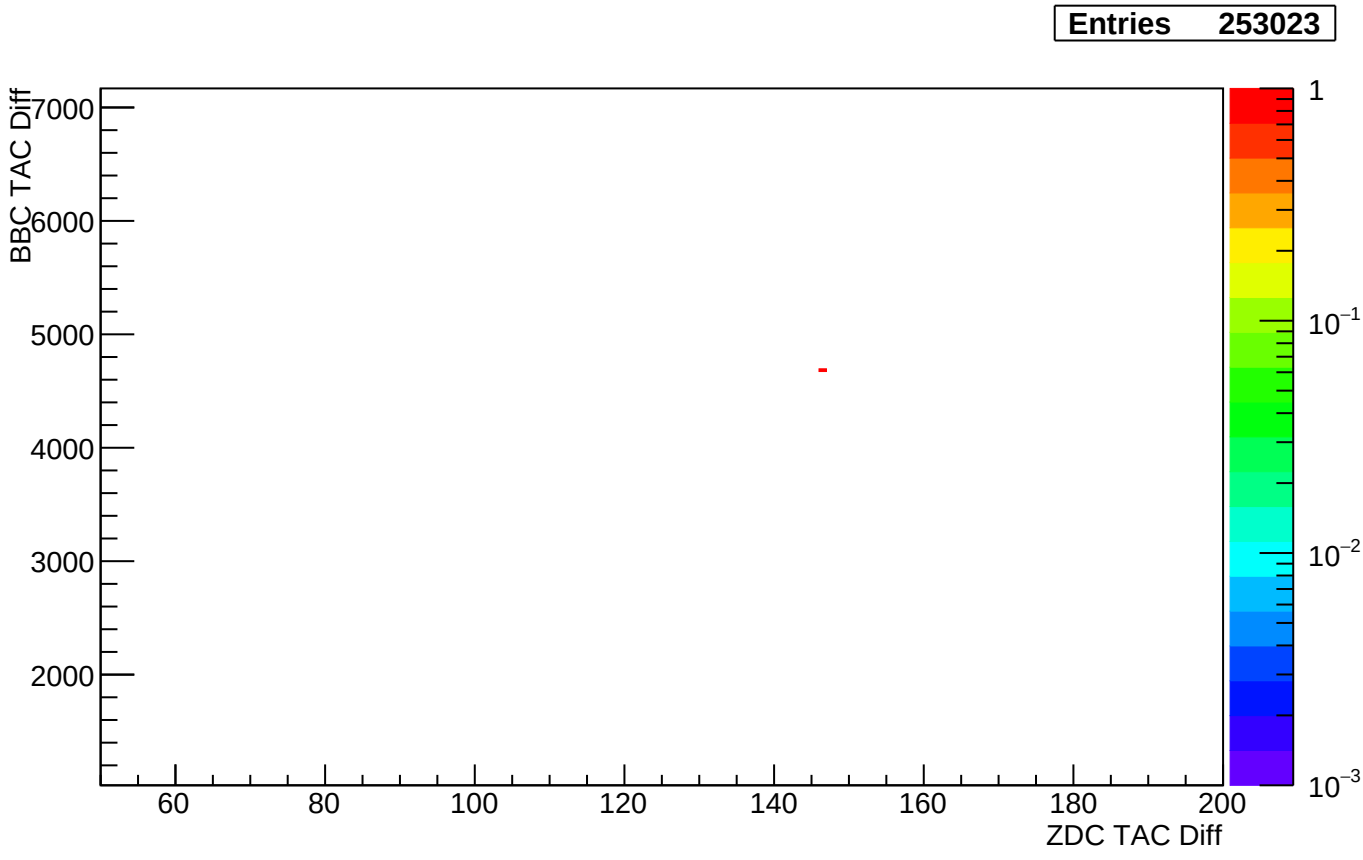

Entries 253023
TOF_Mult
EPD-West Hit Cnt

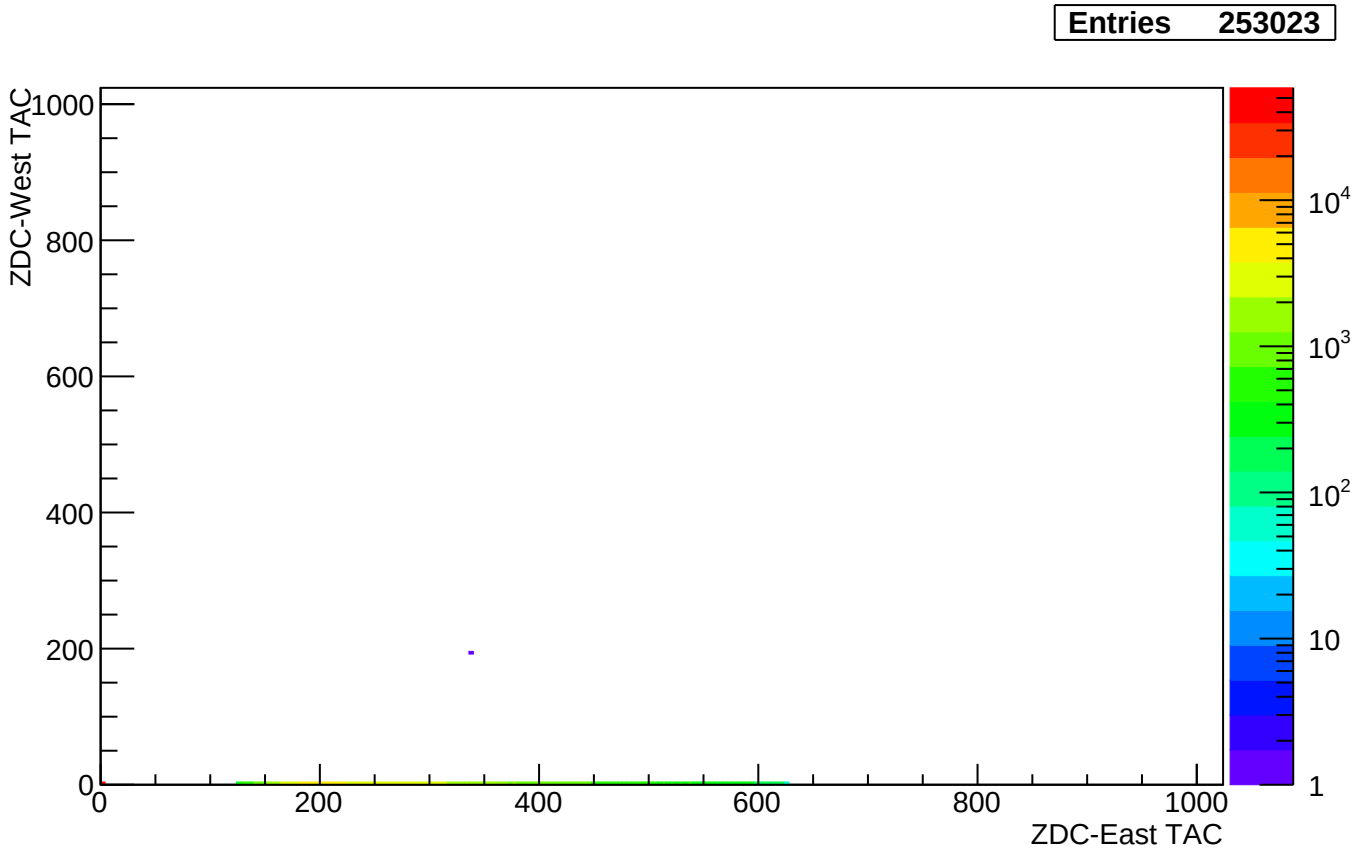

Entries 253023
TOF_Mult
VPD-East ADC Sum

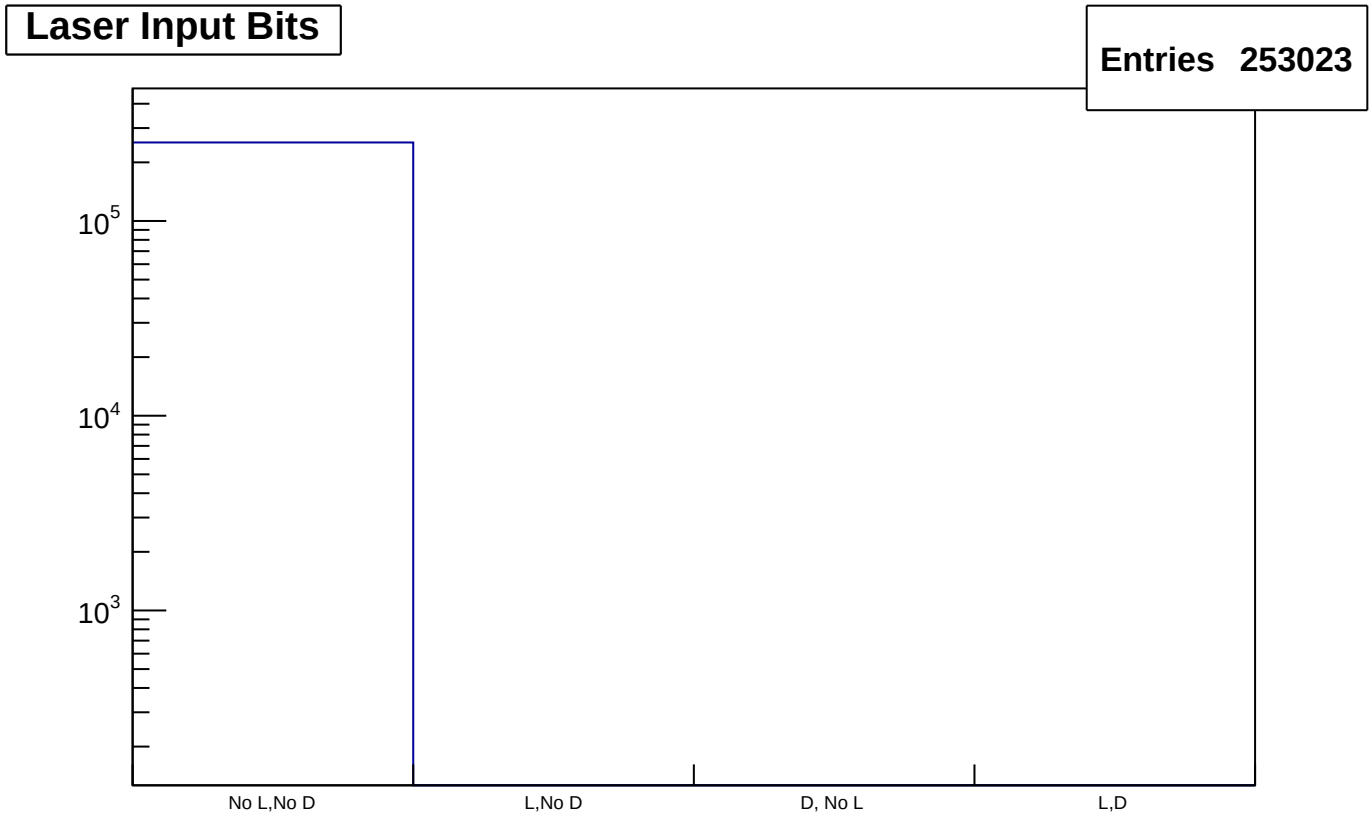

Entries 253023
TOF_Mult
VPD-West ADC Sum

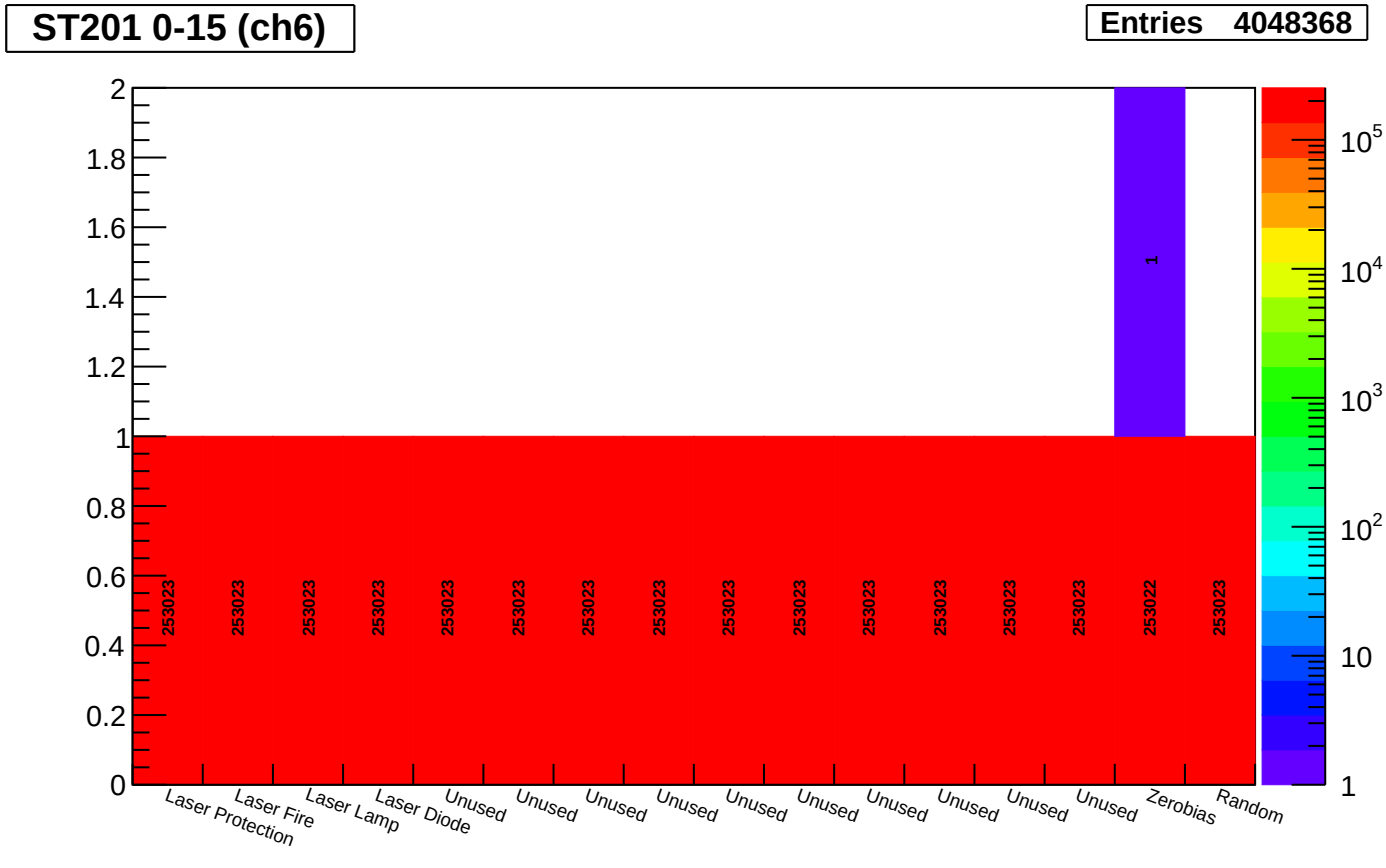

Entries 253023
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10
1
10^{-1}

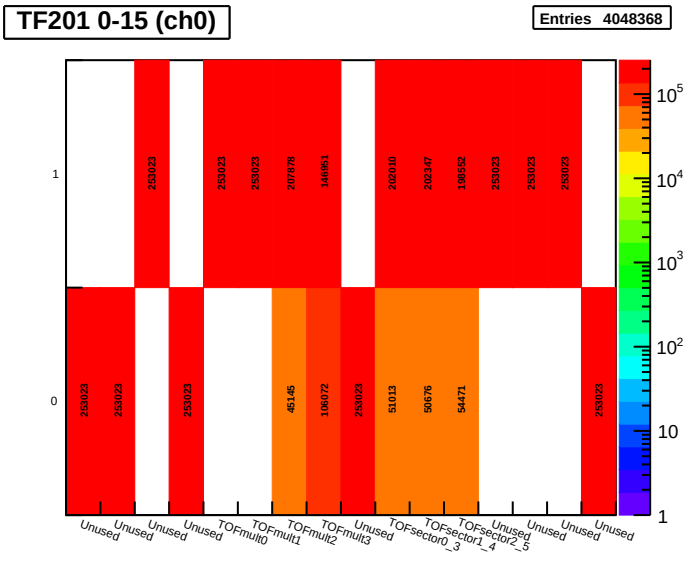

Entries 253023
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

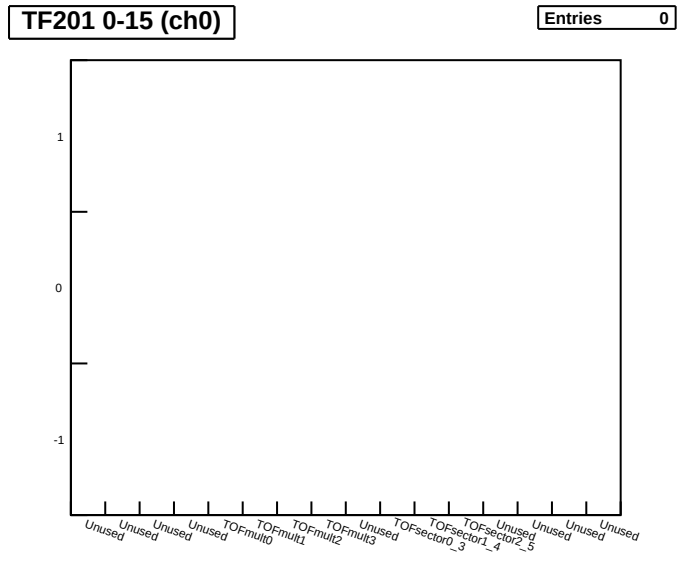

Entries 253023
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}
10^{-3}

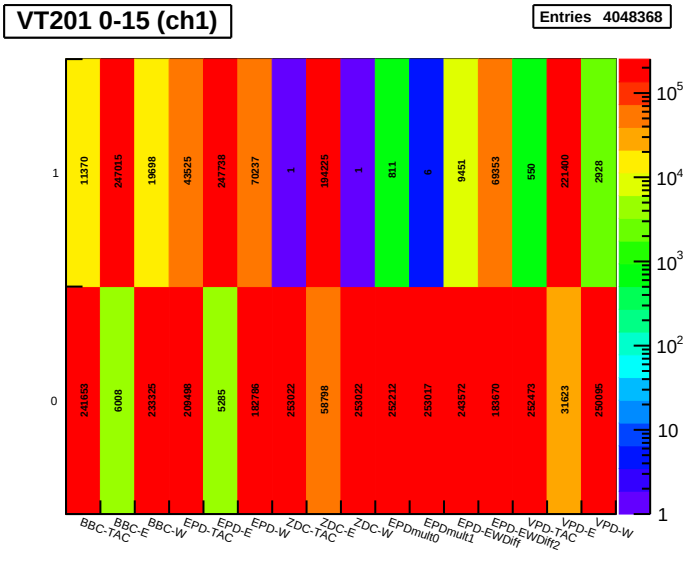

Entries 253023
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

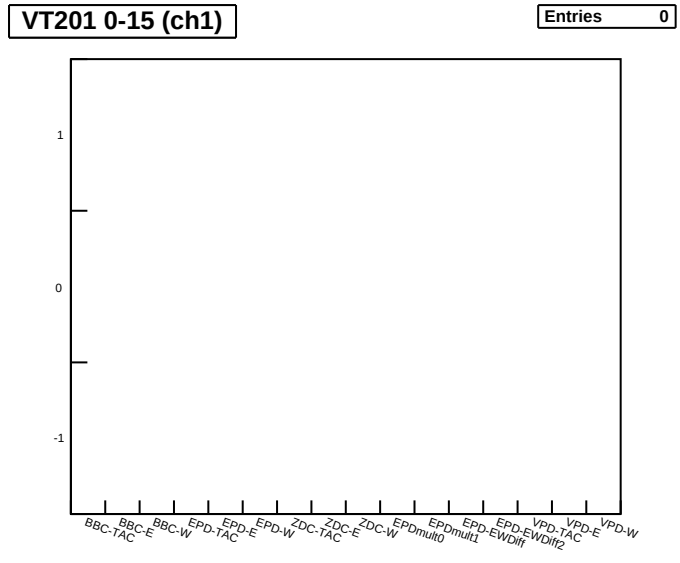

Laser Input Bits
Entries 253023
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

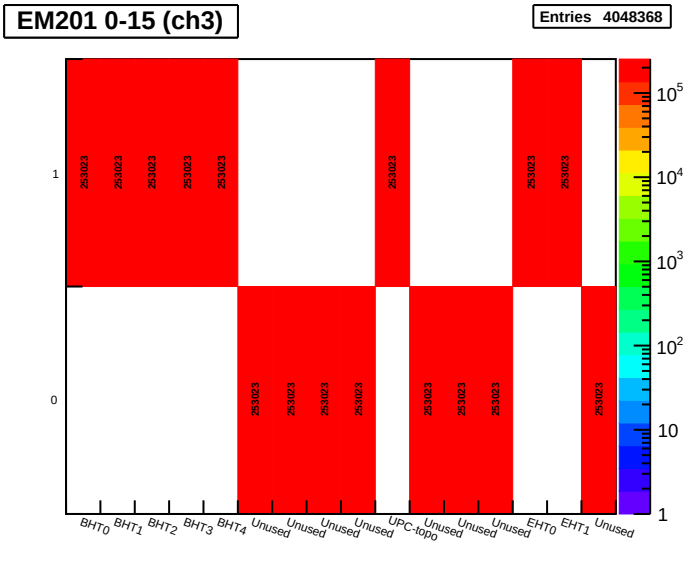

ST201 0-15 (ch6)
Entries 4048368
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
253023
253022
1
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

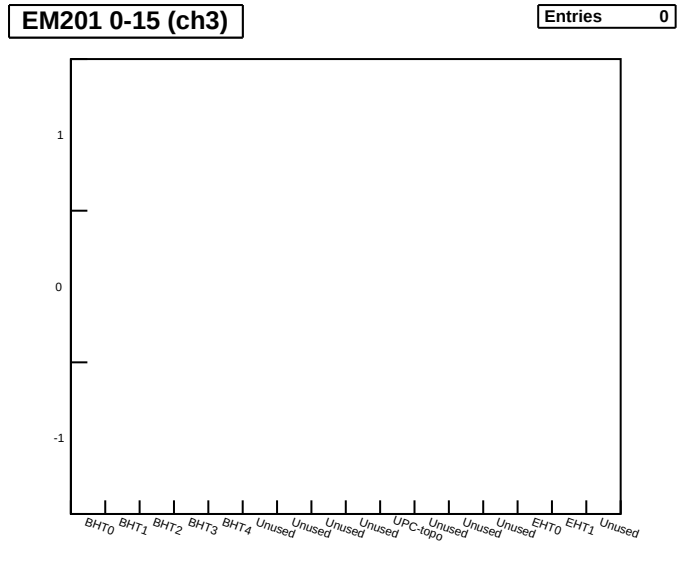

TF201 0-15 (ch0)
Entries 4048368
1
0
253023 253023 253023 207878 146951 202010 202347 198552 253023 253023 253023
253023 253023 253023 45145 106072 253023 51013 50676 54471 253023
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused 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 4048368
1
0
11370 247015 19698 43525 247738 70237 1 194225 1 811 6 9451 69353 550 221400 2928
241653 6008 233325 209498 5285 182786 253022 58798 253022 252212 253017 243572 183670 252473 31623 250095
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 4048368
1
0
253023 253023 253023 253023 253023 253023 253023
253023 253023 253023 253023 253023 253023 253023 253023
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