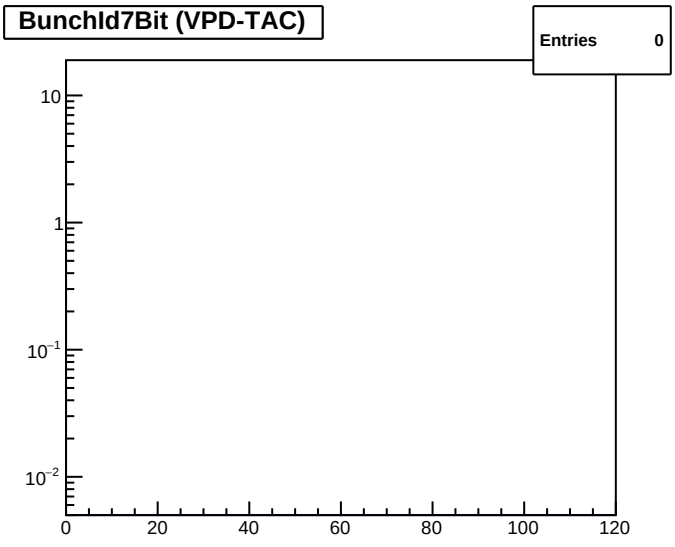
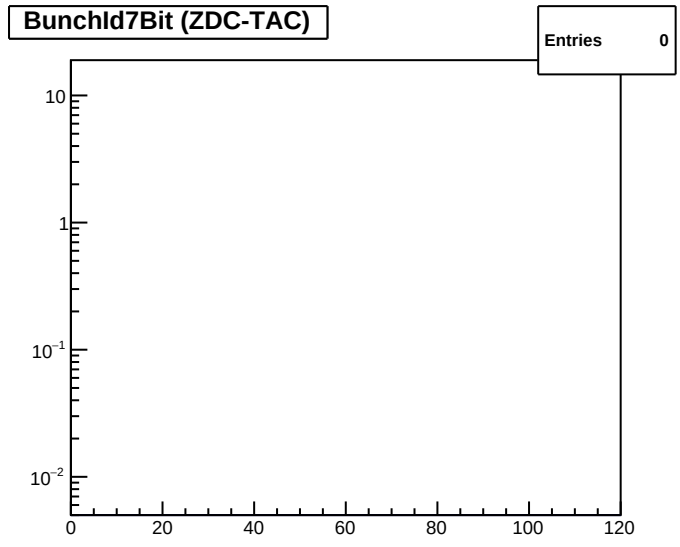
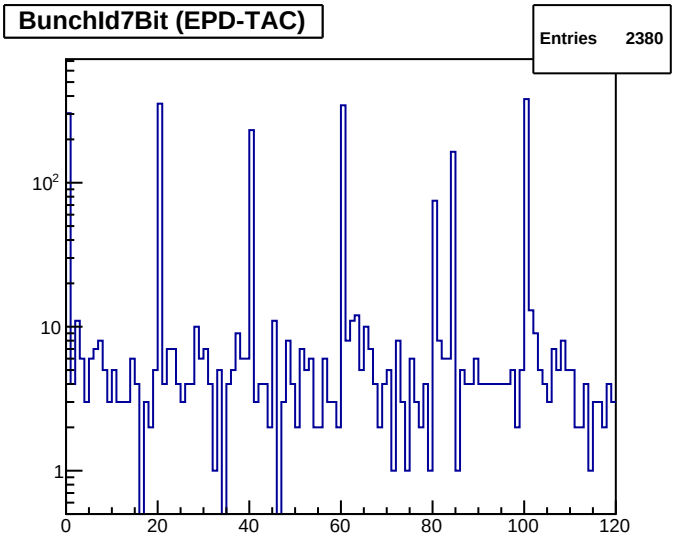
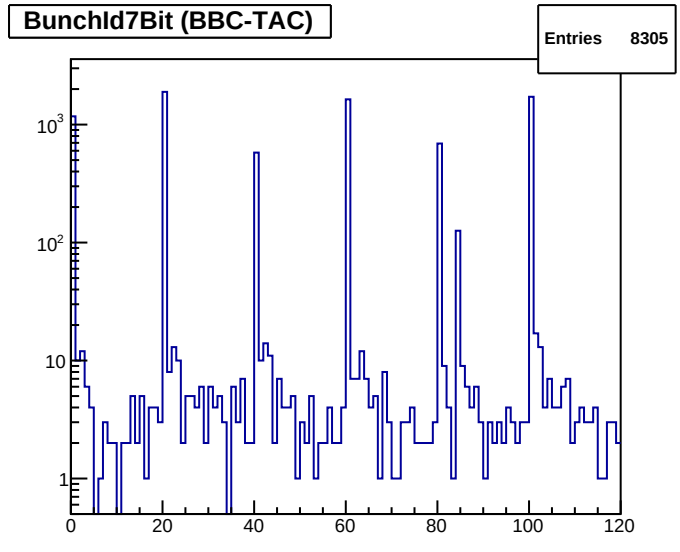
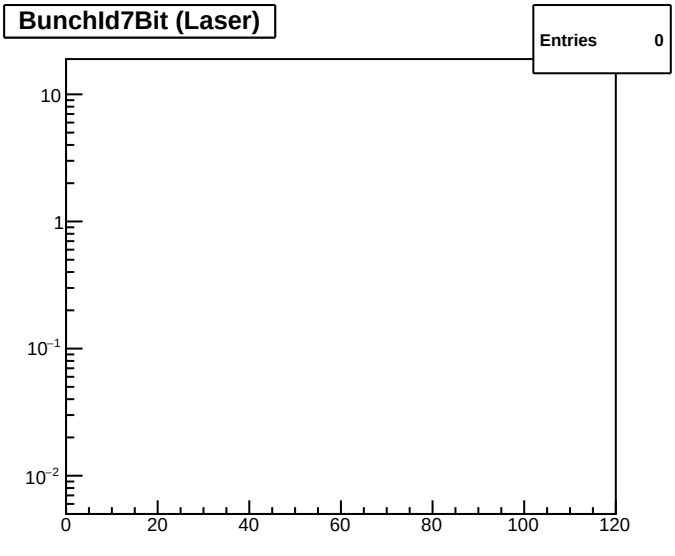
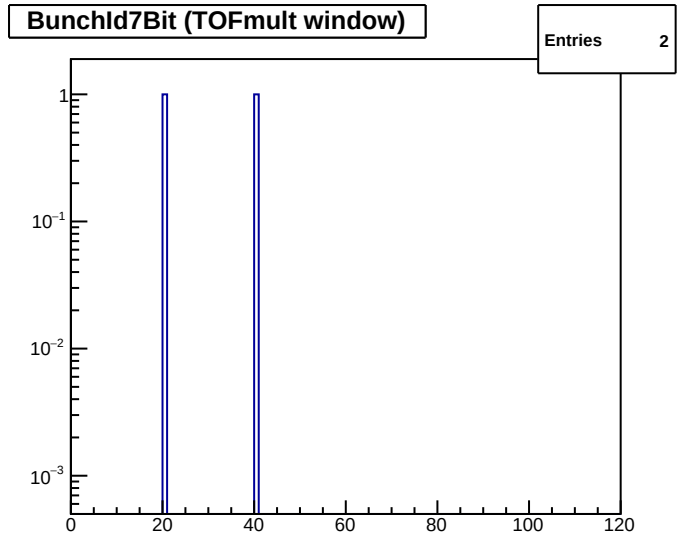

BunchId7Bit (VPD-TAC)
Entries 0

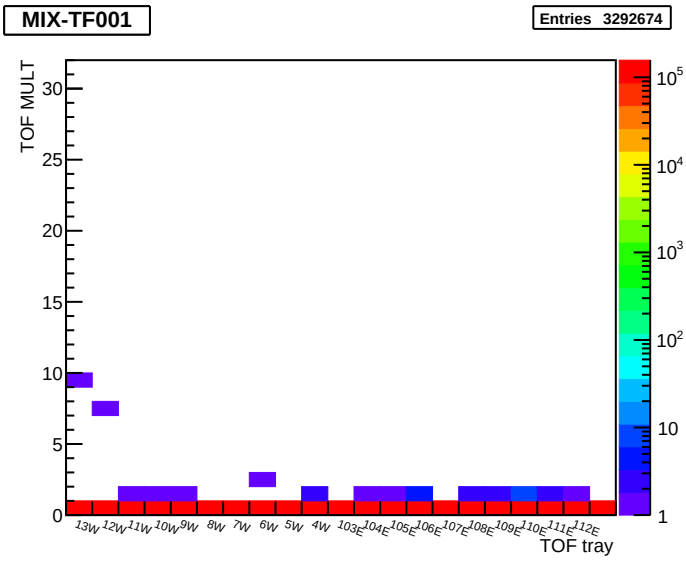

BunchId7Bit (ZDC-TAC)
Entries 0

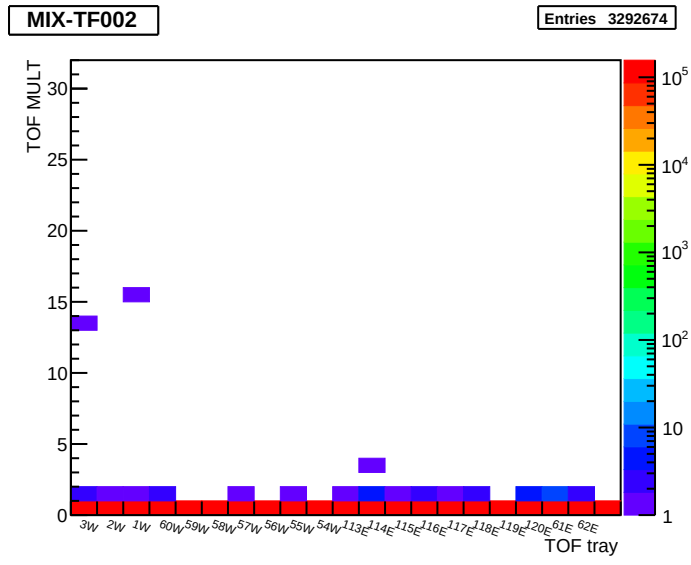

BunchId7Bit (EPD-TAC)
Entries 2380

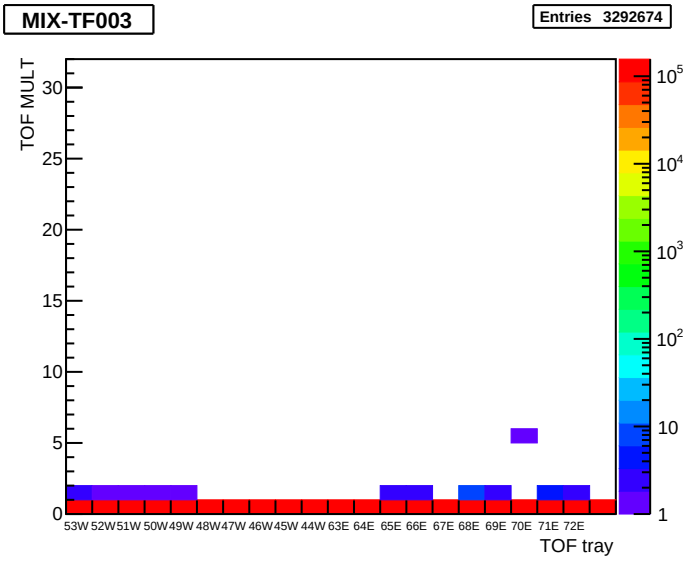

BunchId7Bit (BBC-TAC)
Entries 8305

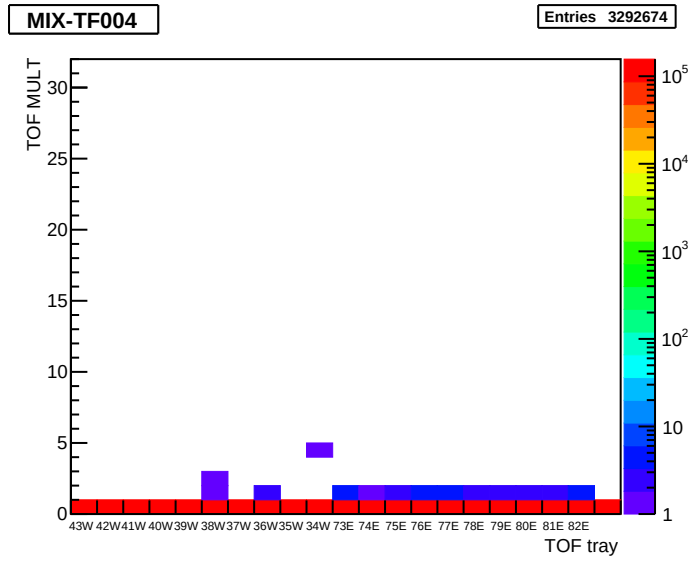

BunchId7Bit (Laser)
Entries 0

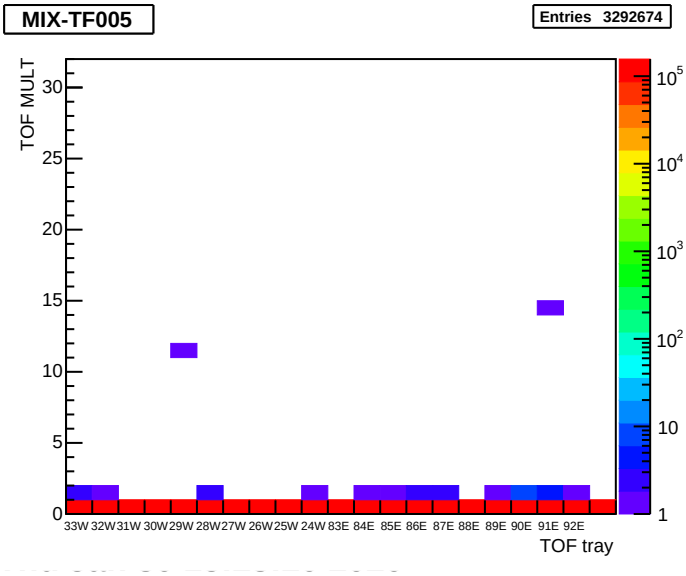

BunchId7Bit (TOFmult window)
Entries 2

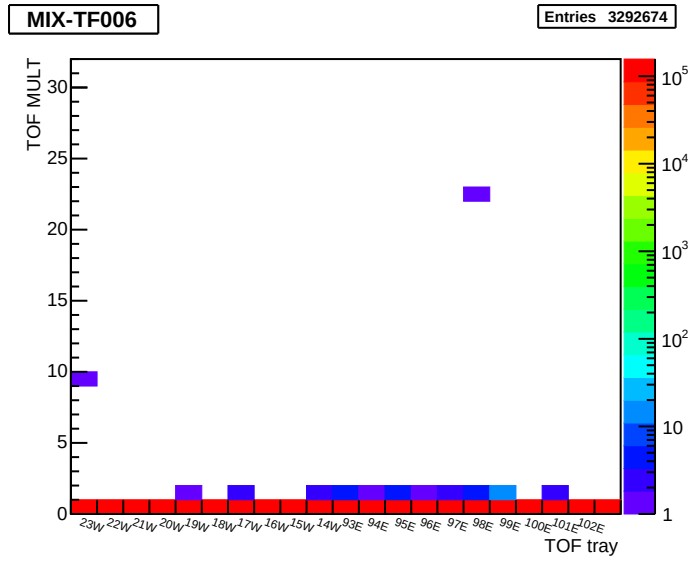

MIX-TF001
Entries 3292674
TOF MULT
TOF tray

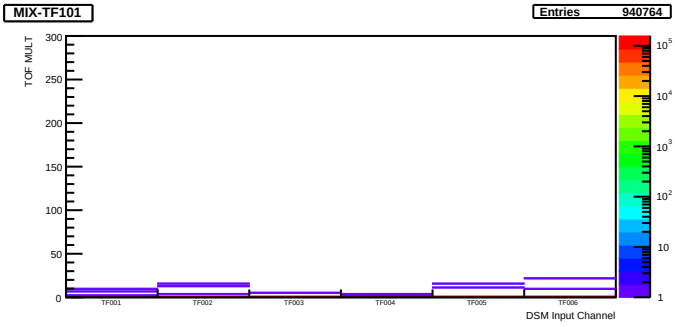

MIX-TF002
Entries 3292674
TOF MULT
TOF tray

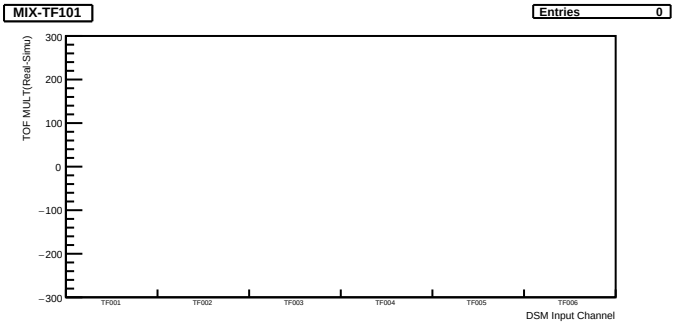

MIX-TF003
Entries 3292674
TOF MULT
TOF tray

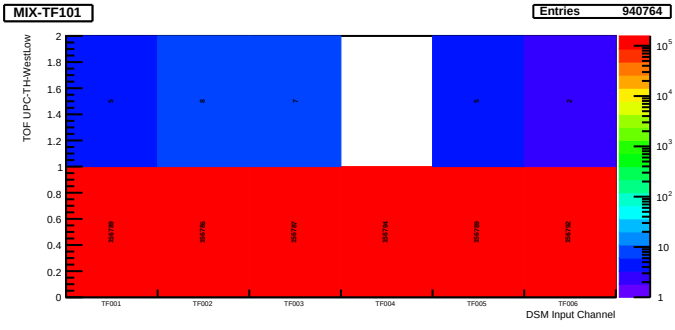

MIX-TF004
Entries 3292674
TOF MULT
TOF tray

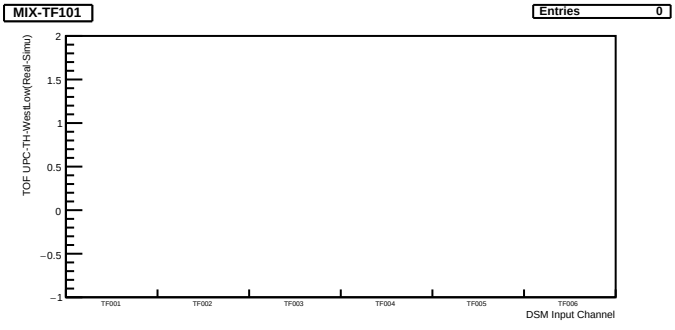

MIX-TF005
Entries 3292674
TOF MULT
TOF tray

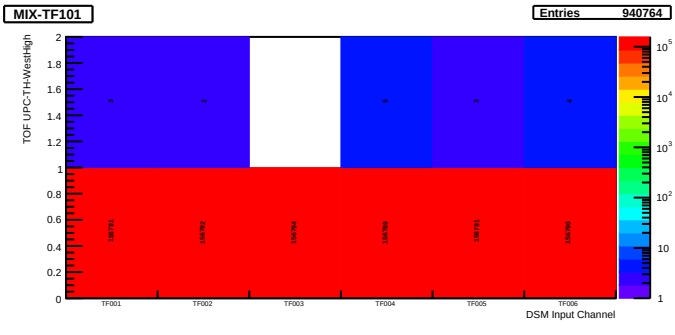

MIX-TF006
Entries 3292674
TOF MULT
TOF tray

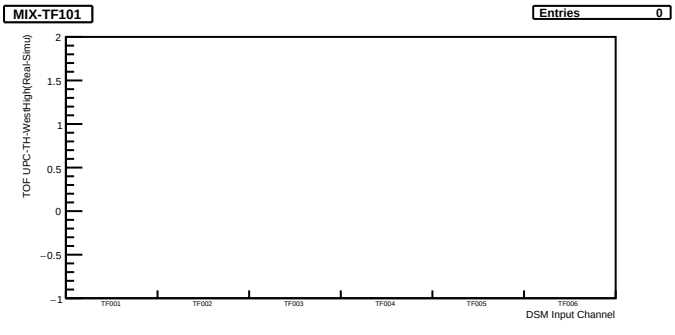

MIX-TF101
Entries 940764
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

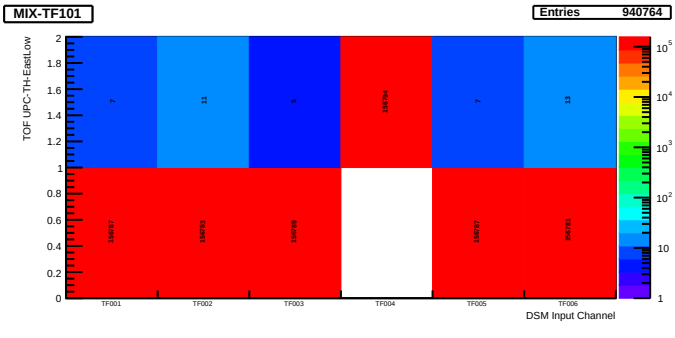

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

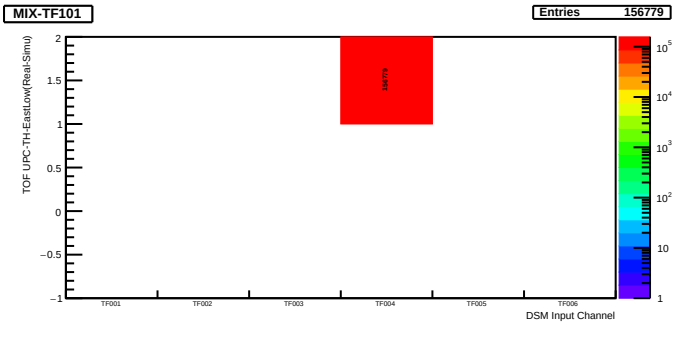

MIX-TF101
Entries 940764
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

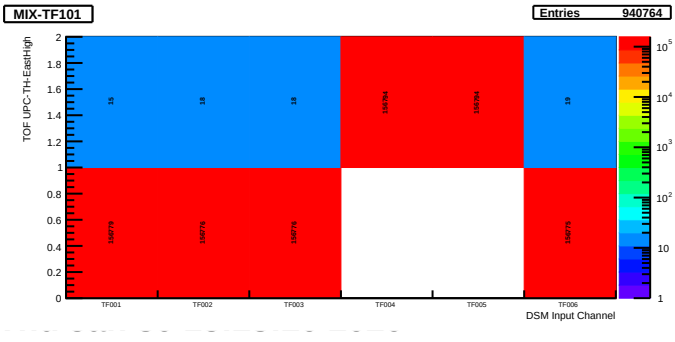

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

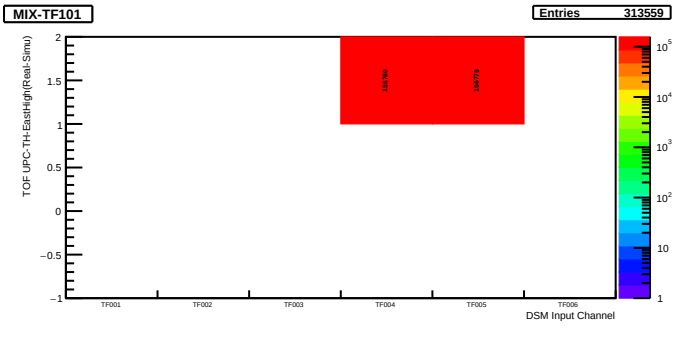

MIX-TF101
Entries 940764
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

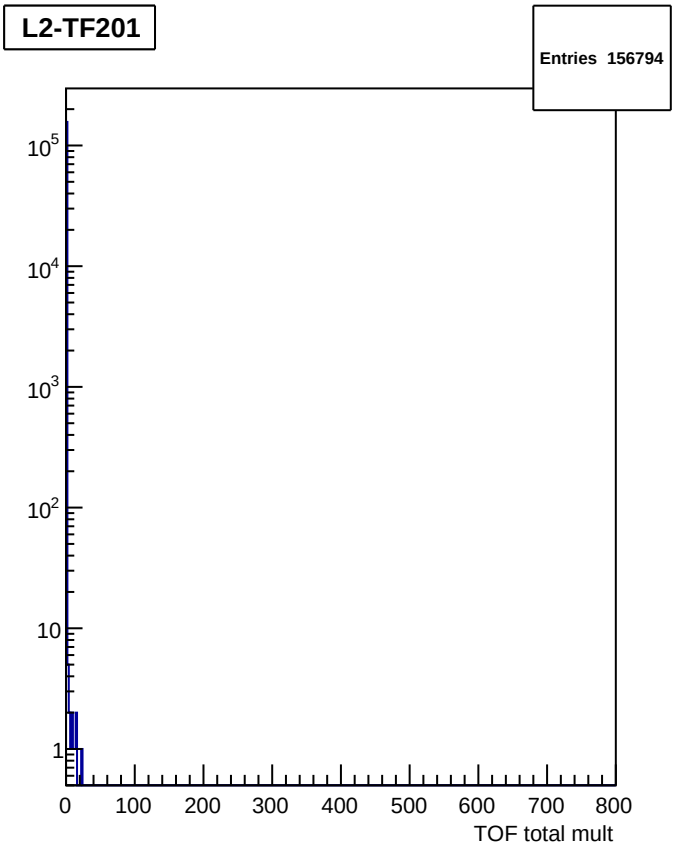

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

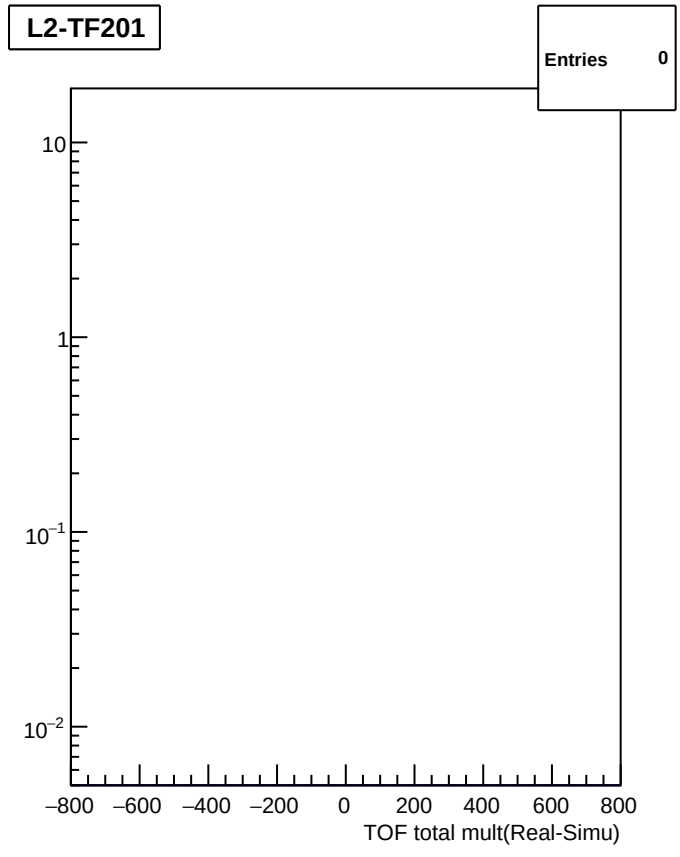

MIX-TF101
Entries 940764
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

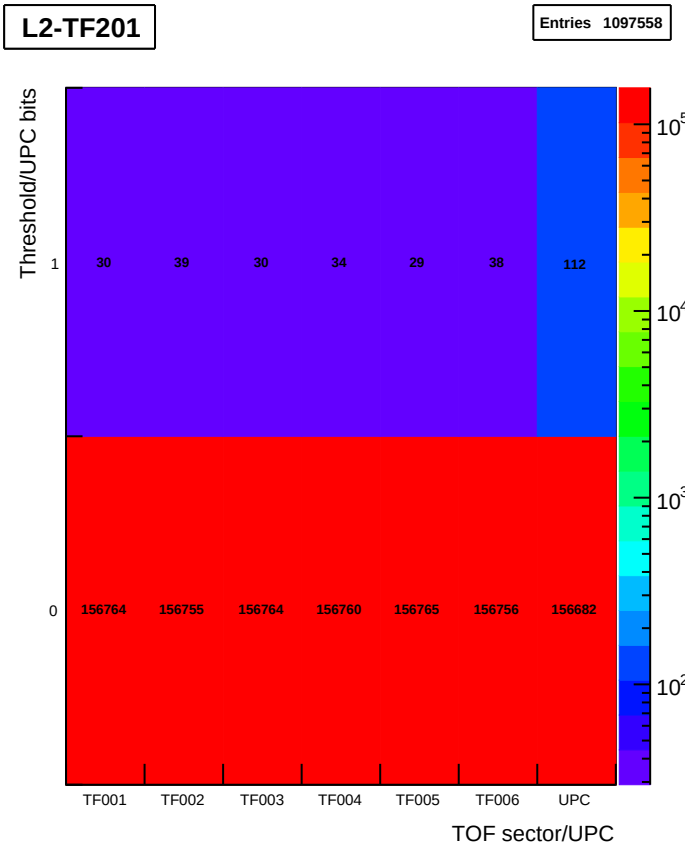

MIX-TF101
Entries 156779
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

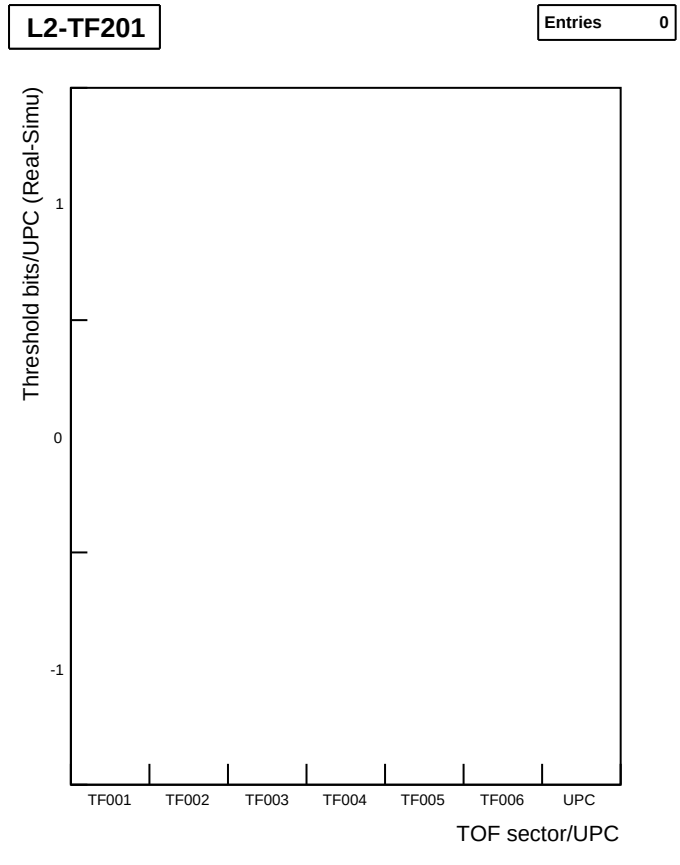

MIX-TF101
Entries 940764
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

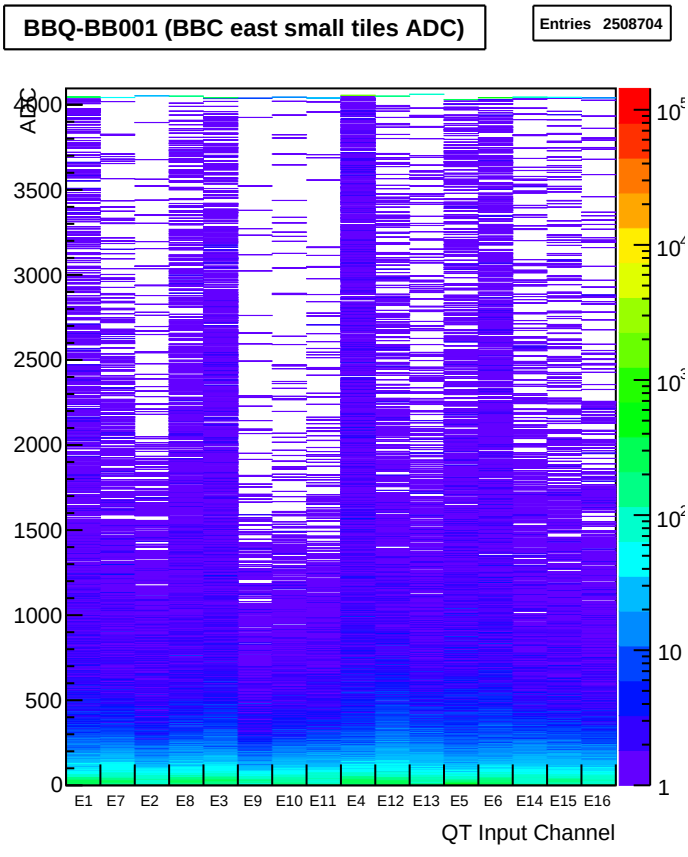

MIX-TF101
Entries 313559
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

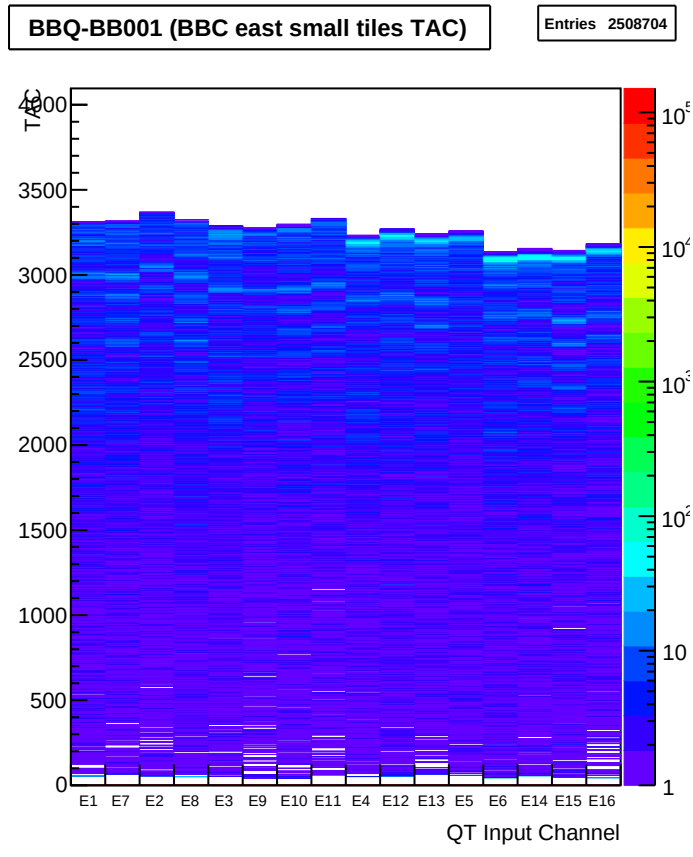

L2-TF201
Entries 156794
TOF total mult

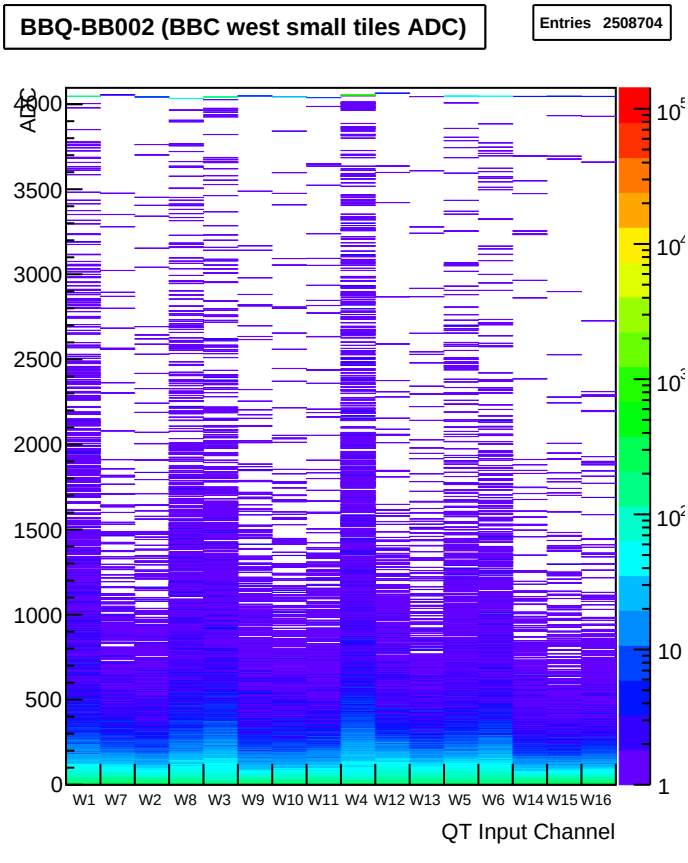

L2-TF201
Entries 0
TOF total mult(Real-Simu)

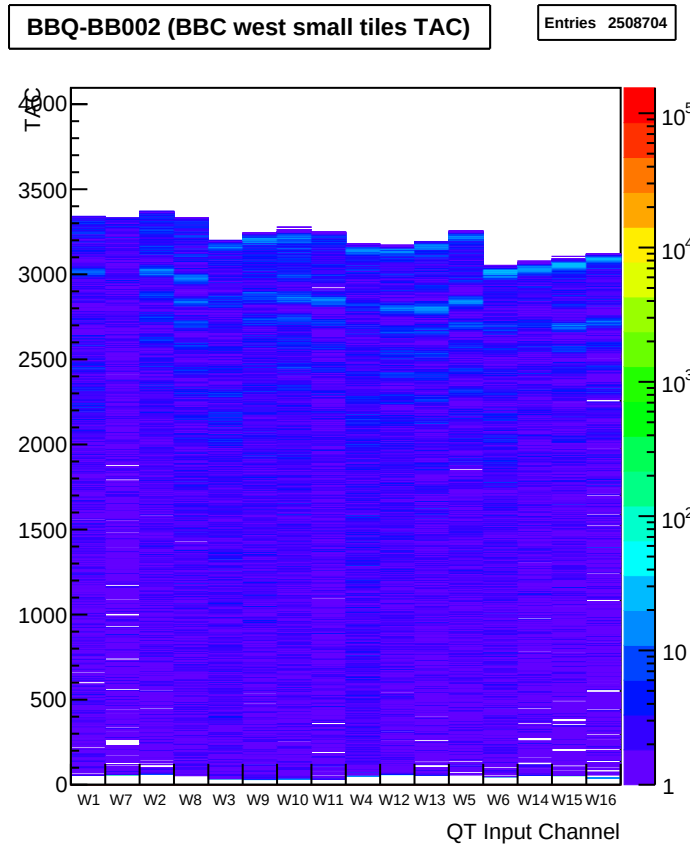

L2-TF201
Entries 1097558
Threshold/UPC bits
30 39 30 34 29 38 112
156764 156755 156764 156760 156765 156756 156682
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

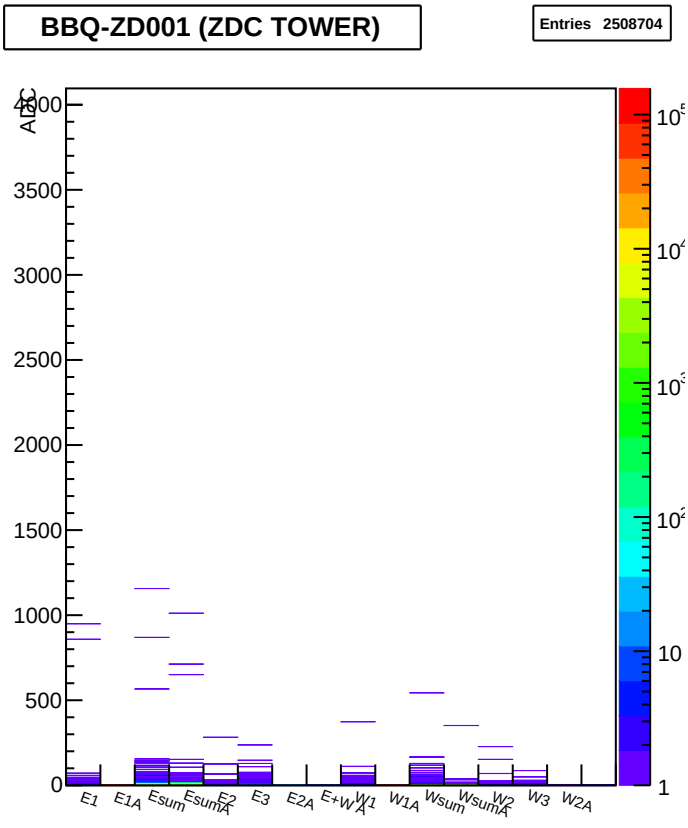

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

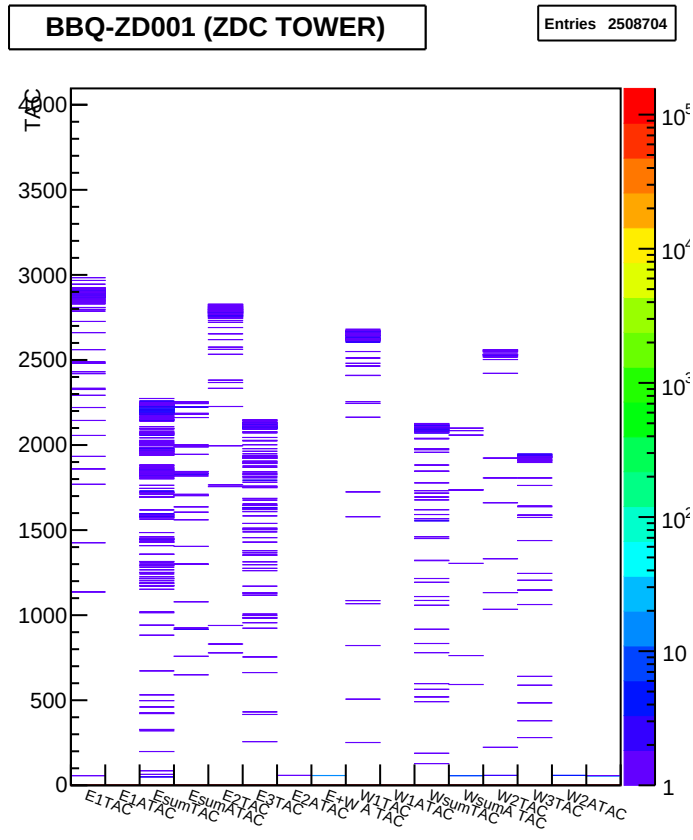

BBQ-BB001 (BBC east small tiles ADC)
Entries 2508704
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

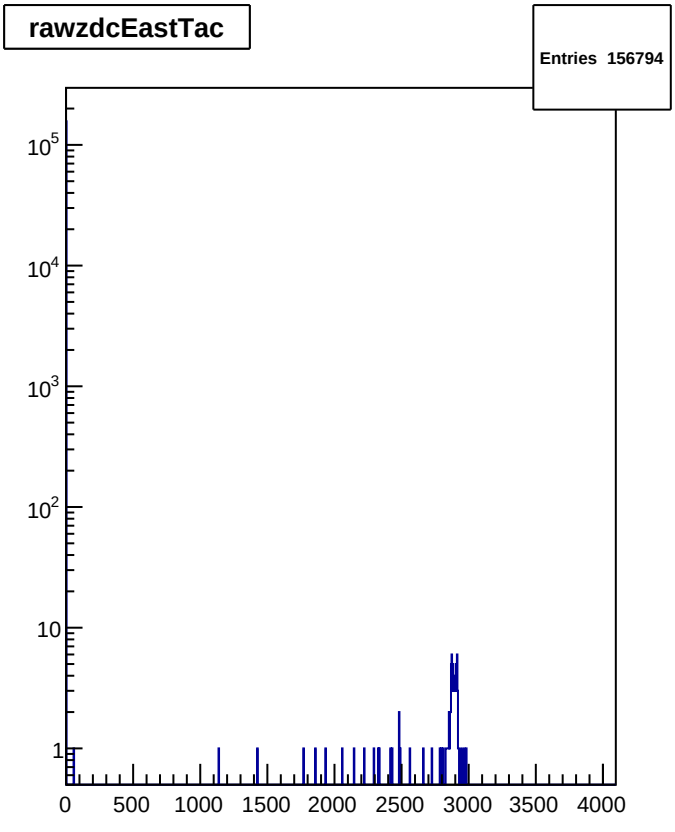

BBQ-BB001 (BBC east small tiles TAC)
Entries 2508704
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

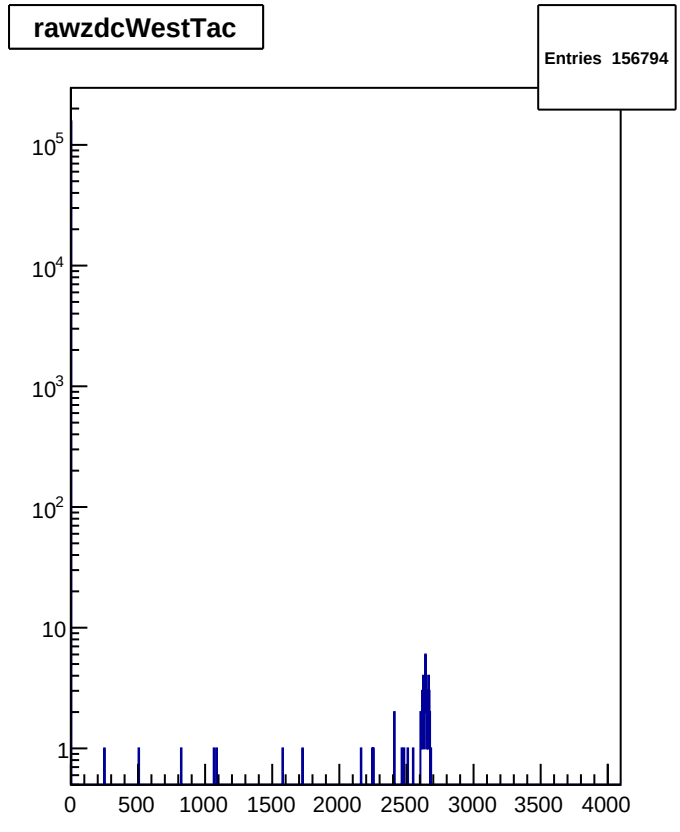

BBQ-BB002 (BBC west small tiles ADC)
Entries 2508704
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

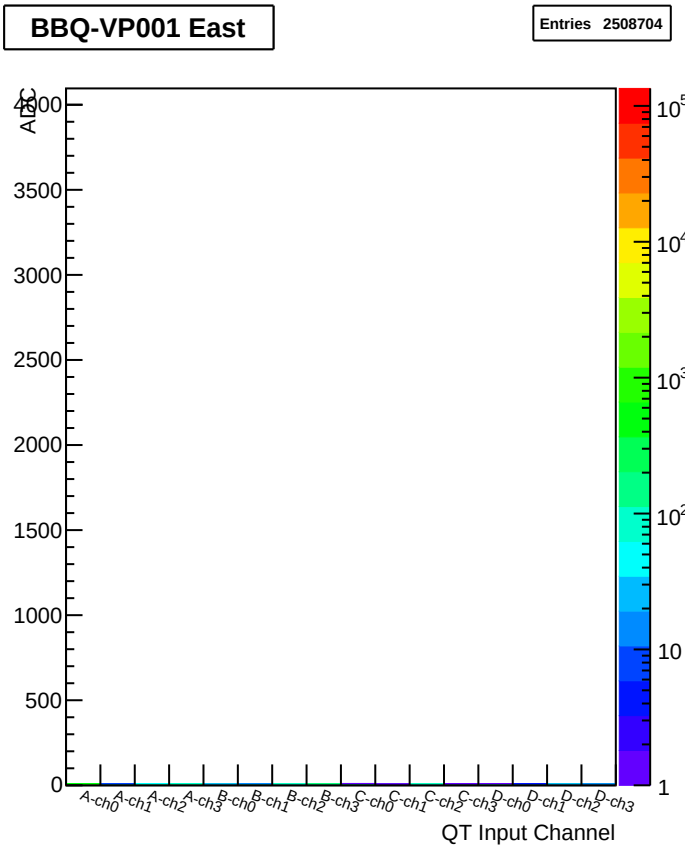

BBQ-BB002 (BBC west small tiles TAC)
Entries 2508704
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

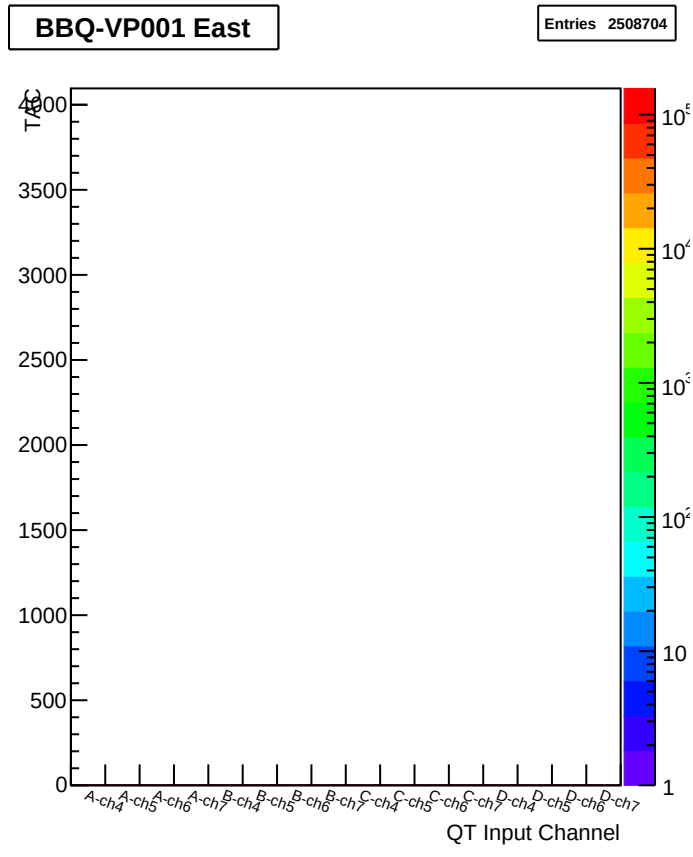

BBQ-ZD001 (ZDC TOWER)
Entries 2508704
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

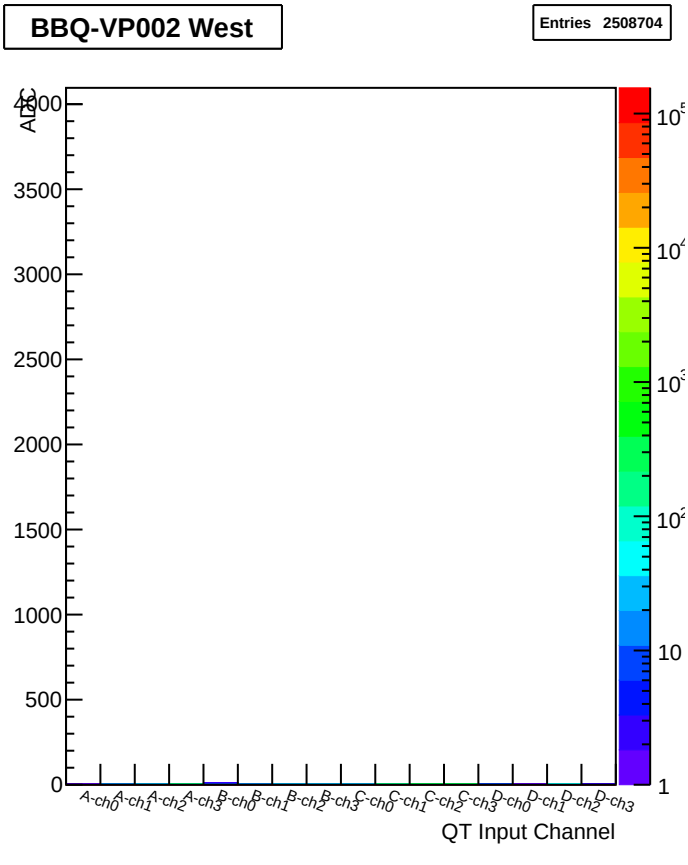

BBQ-ZD001 (ZDC TOWER)
Entries 2508704
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

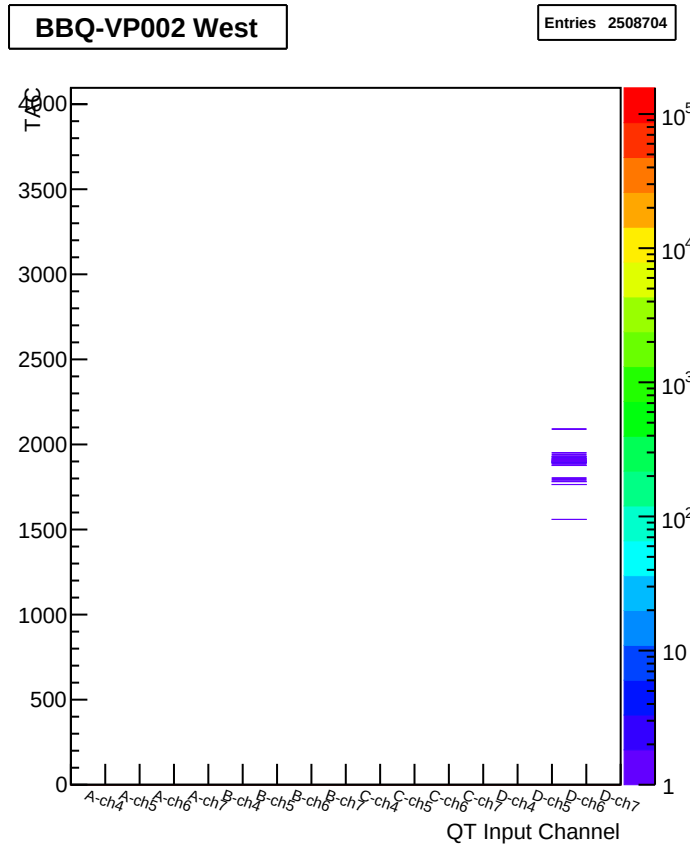

rawzdcEastTac
Entries 156794

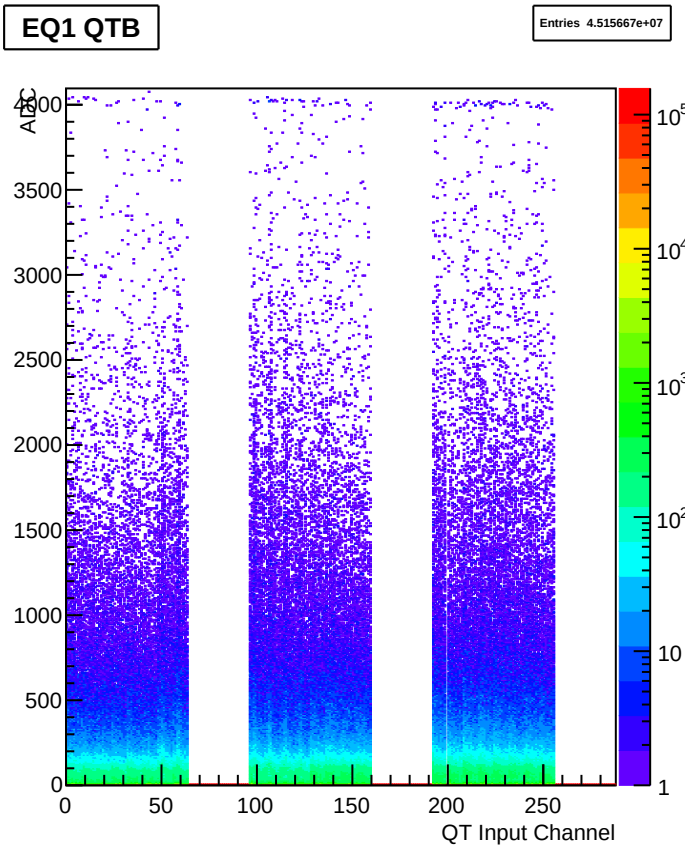

rawzdcWestTac
Entries 156794

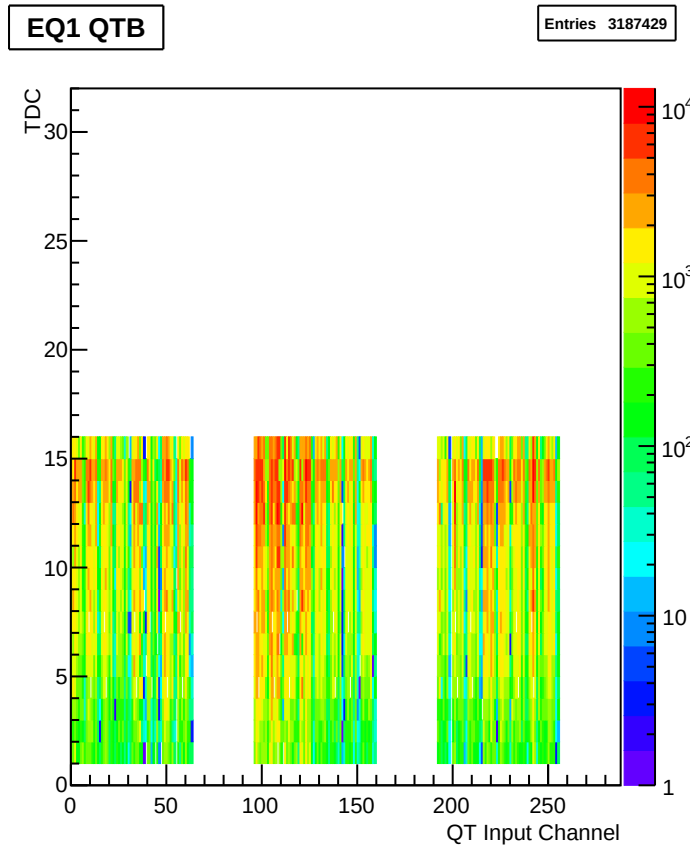

BBQ-VP001 East
Entries 2508704
ADC
QT Input Channel

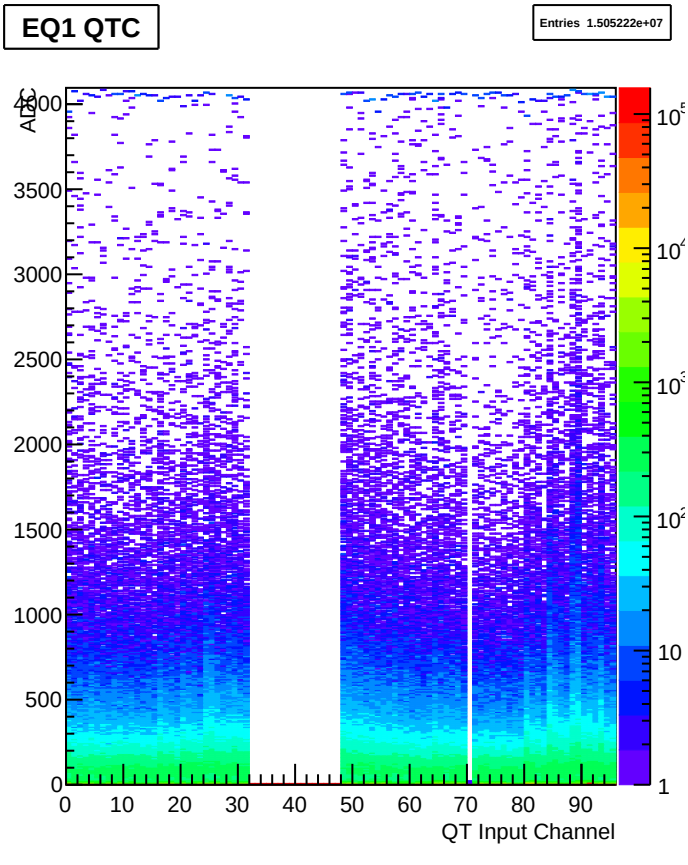

BBQ-VP001 East
Entries 2508704
TADC
QT Input Channel

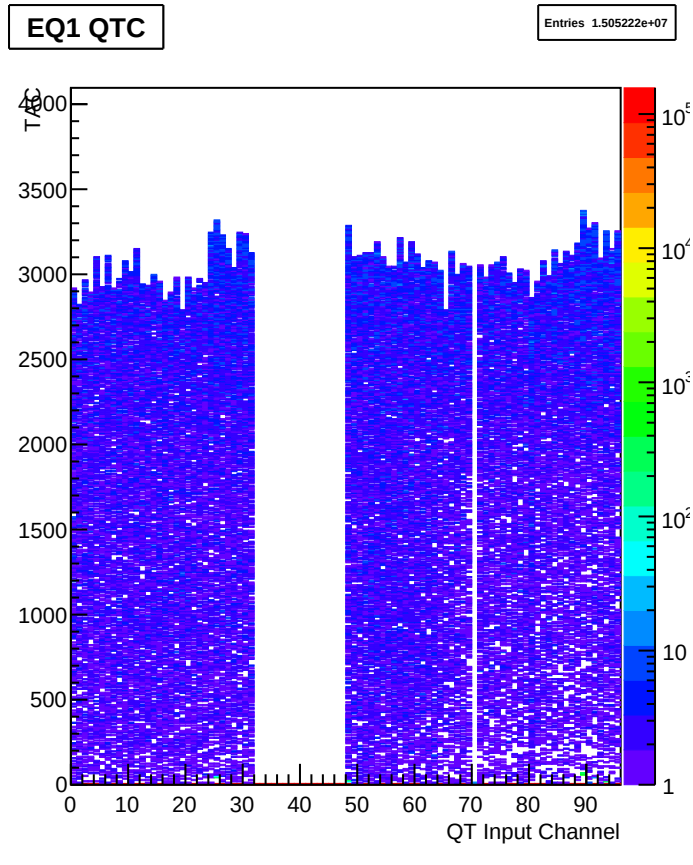

BBQ-VP002 West
Entries 2508704
ADC
QT Input Channel

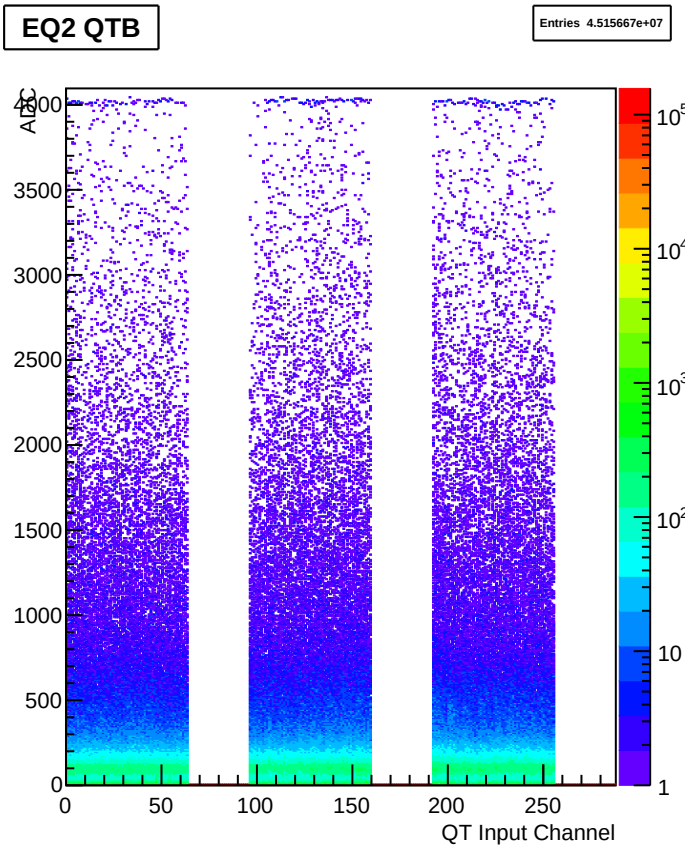

BBQ-VP002 West
Entries 2508704
TADC
QT Input Channel

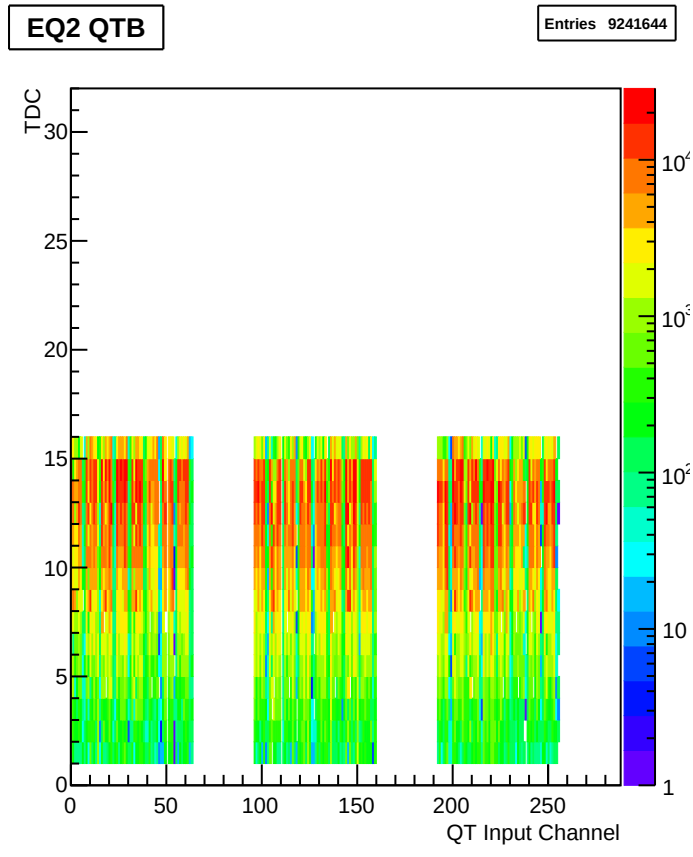

EQ1 QTB
Entries 4.515667e+07
ADC
QT Input Channel

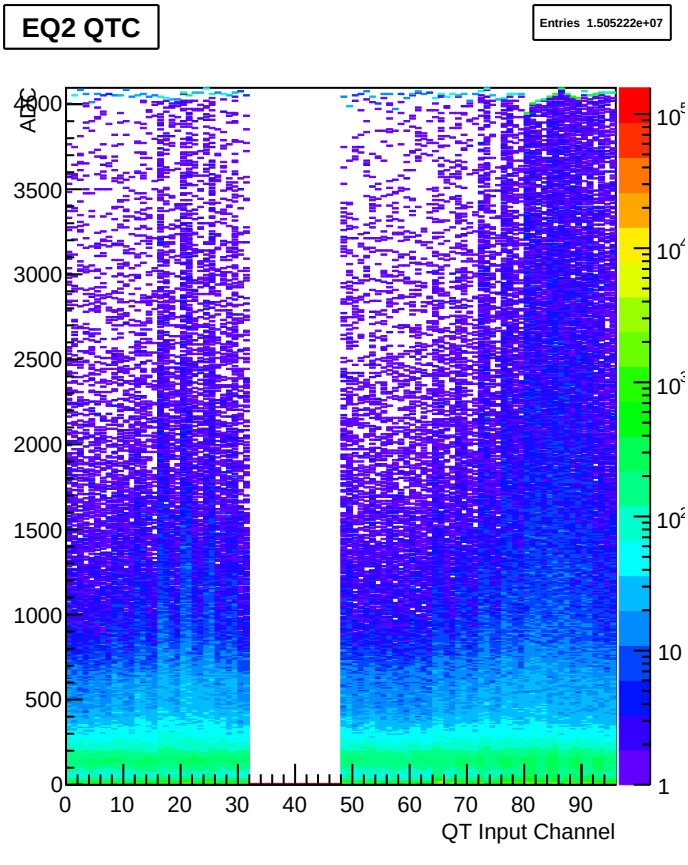

EQ1 QTB
Entries 3187429
TDC
QT Input Channel

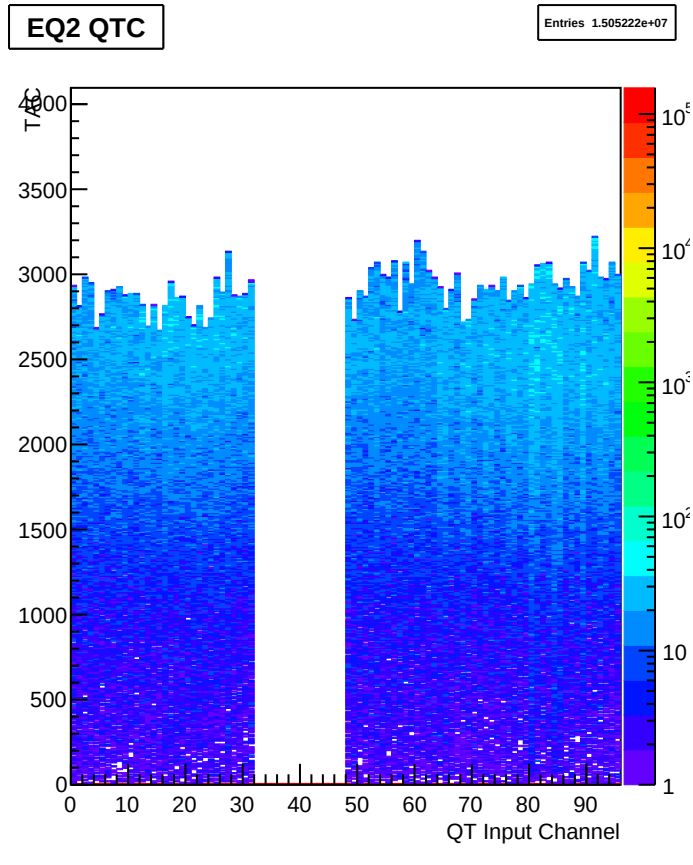

EQ1 QTC
Entries 1.505222e+07
ADC
QT Input Channel

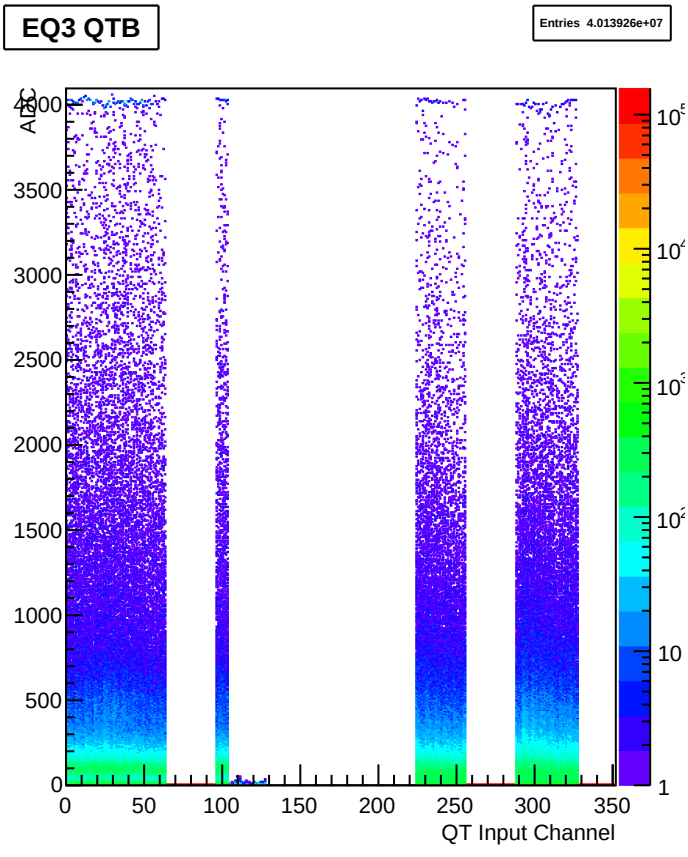

EQ1 QTC
Entries 1.505222e+07
TADC
QT Input Channel

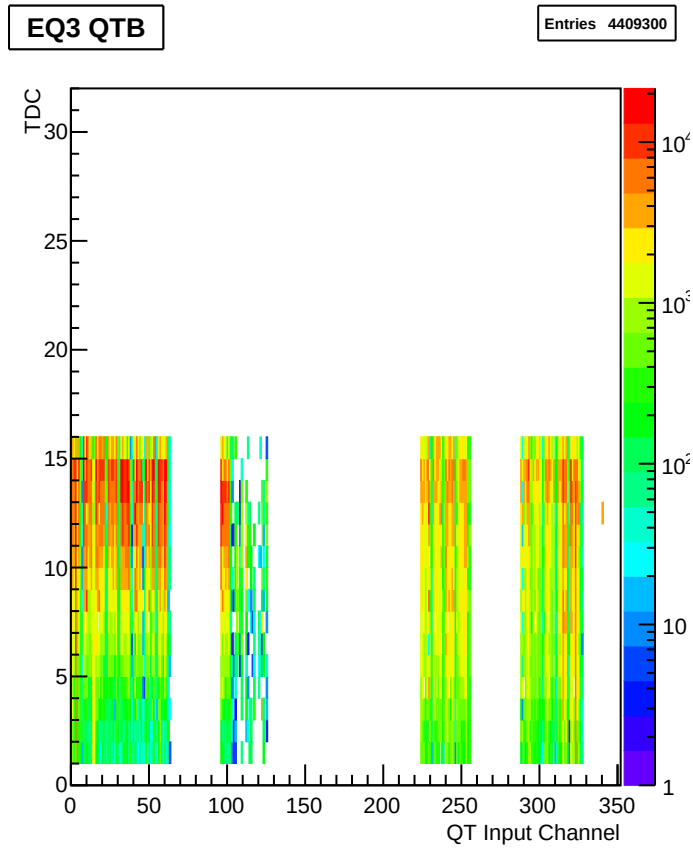

EQ2 QTB
Entries 4.515667e+07
ADC
QT Input Channel

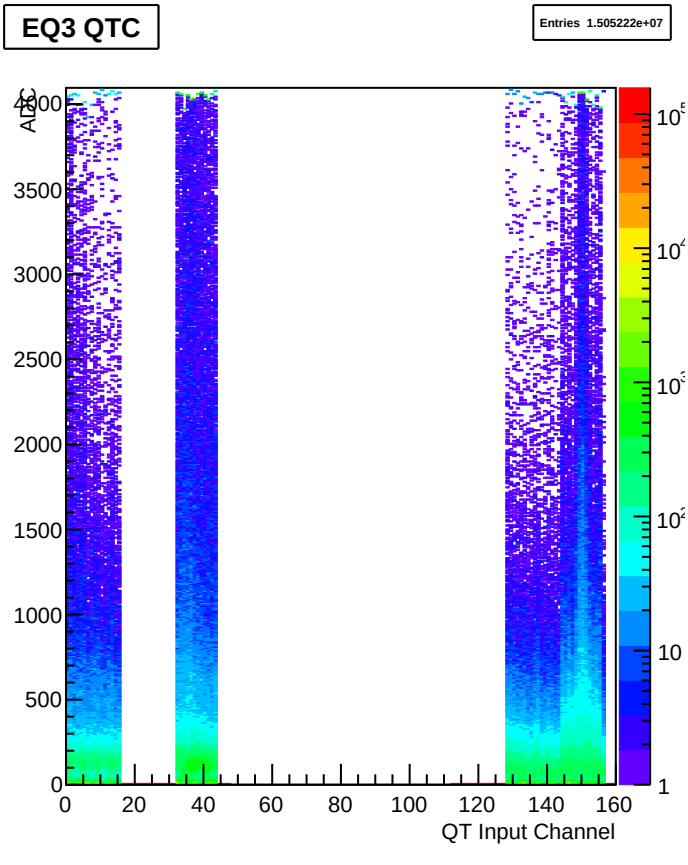

EQ2 QTB
Entries 9241644
TDC
QT Input Channel

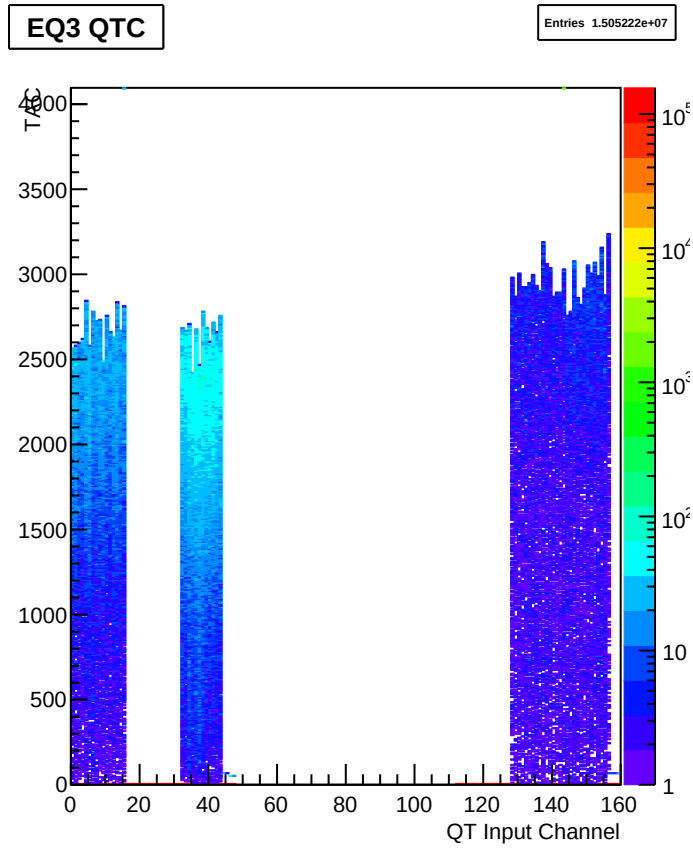

EQ2 QTC
Entries 1.505222e+07
ADC
QT Input Channel


EQ2 QTC
Entries 1.505222e+07
TADC
QT Input Channel


EQ3 QTB
Entries 4.013926e+07
ADC
QT Input Channel


EQ3 QTB
Entries 4409300
TDC
QT Input Channel


EQ3 QTC
Entries 1.505222e+07
ADC
QT Input Channel


EQ3 QTC
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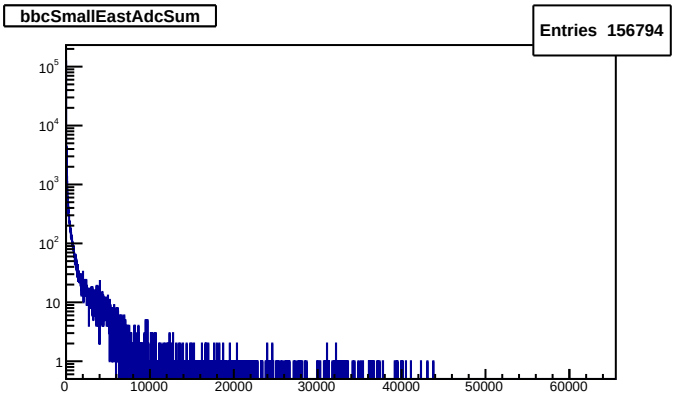
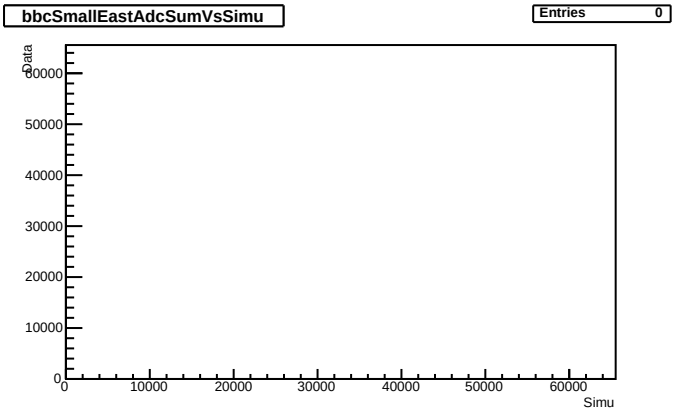
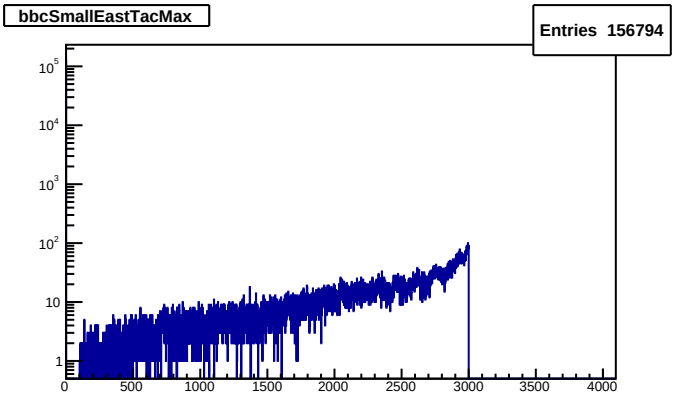
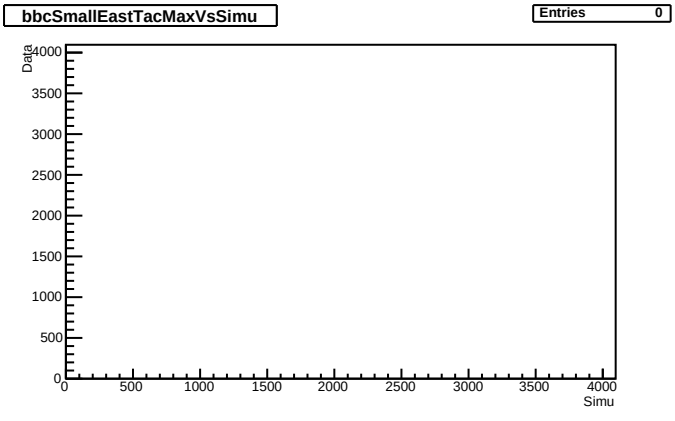
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 156794


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 156794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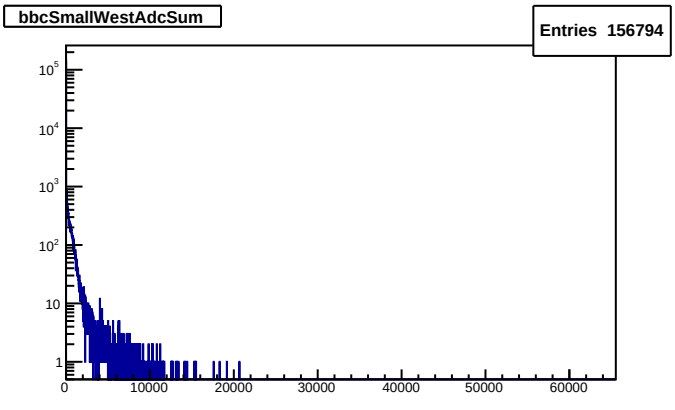
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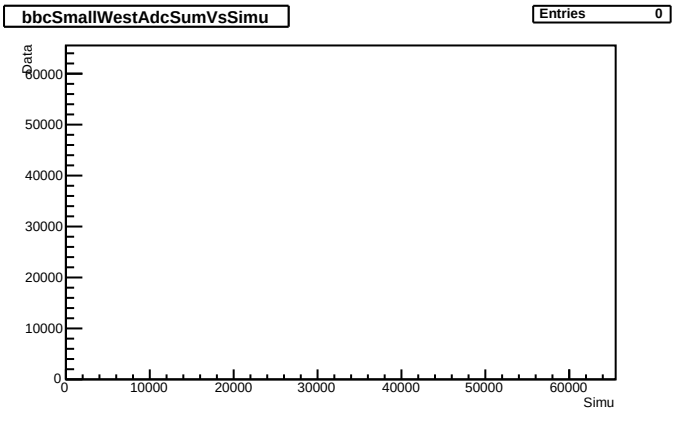
Entries 156794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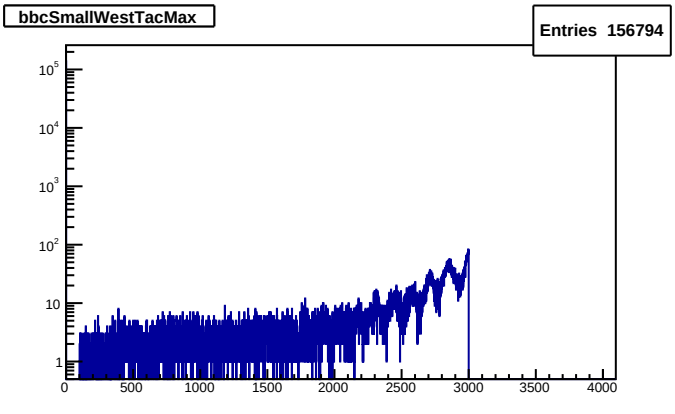
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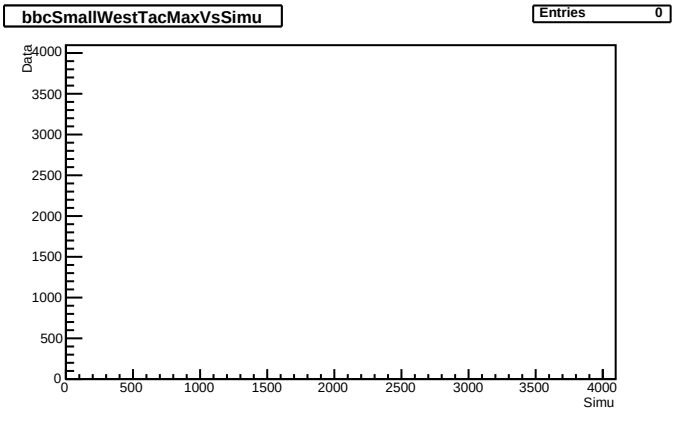
bbcSmallWestTacMaxVsSimu
Entries 0
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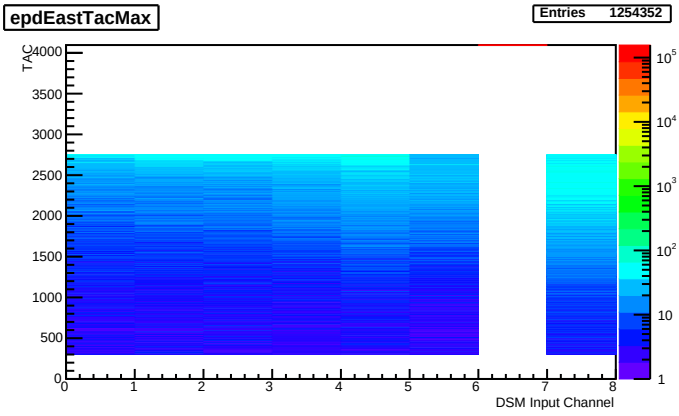
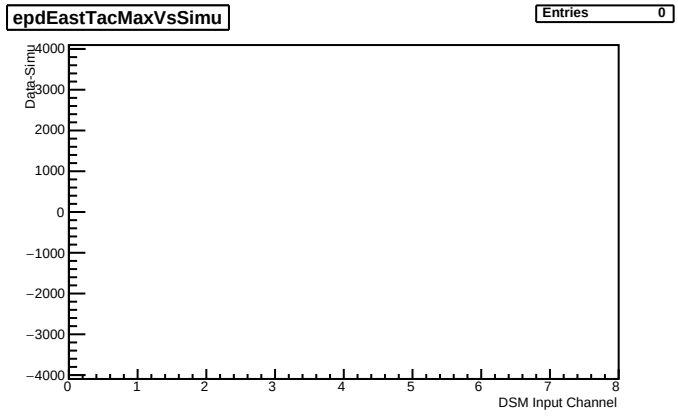
Simu


epdEastTacMax
Entries 1254352
TAC
DSM Input Channel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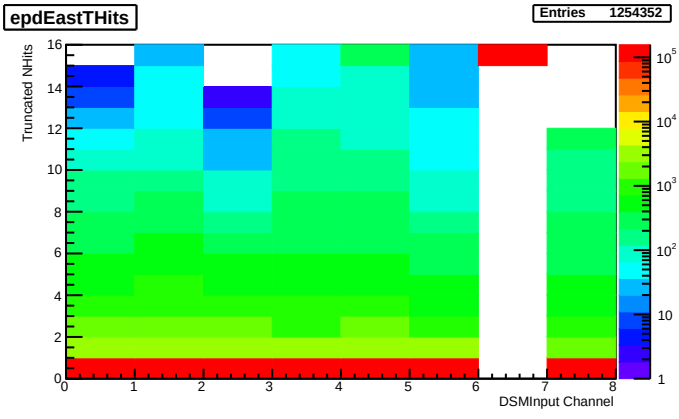
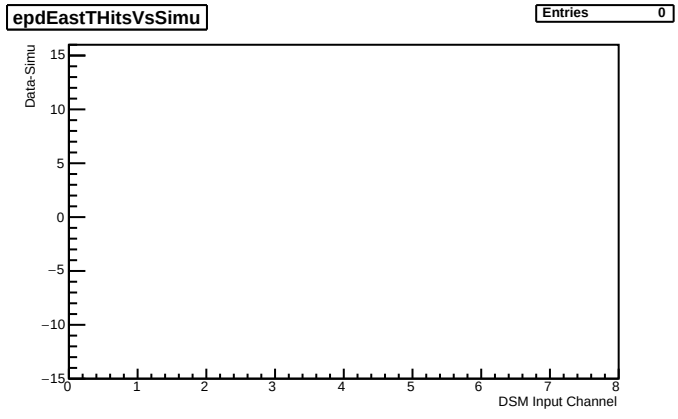
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1254352
Truncated NHits
DSMInput Channel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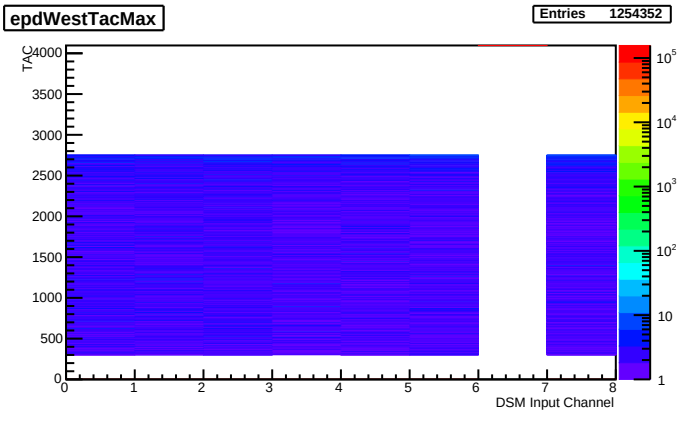
DSM Input Channel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TAC
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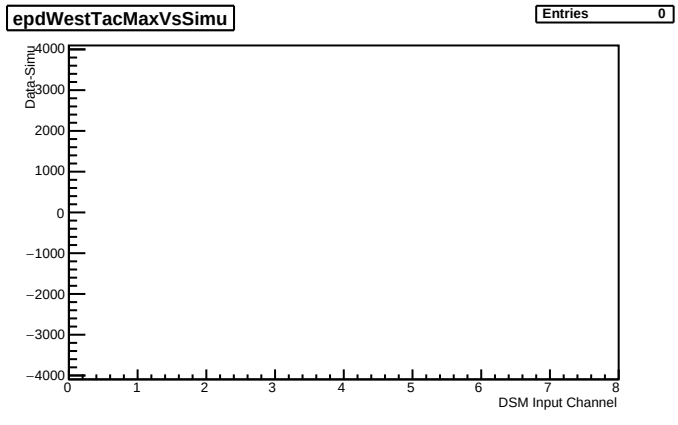
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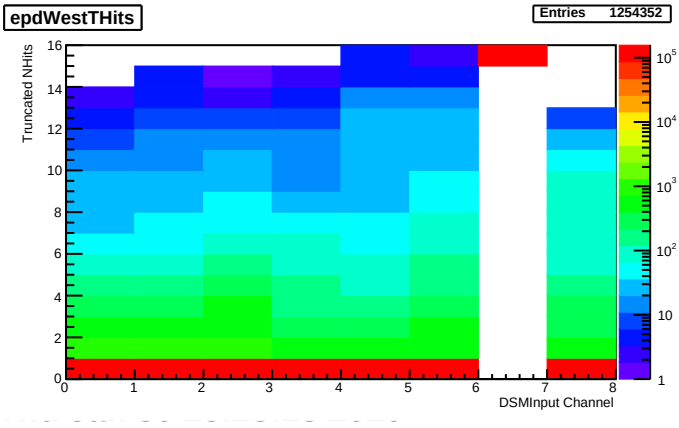
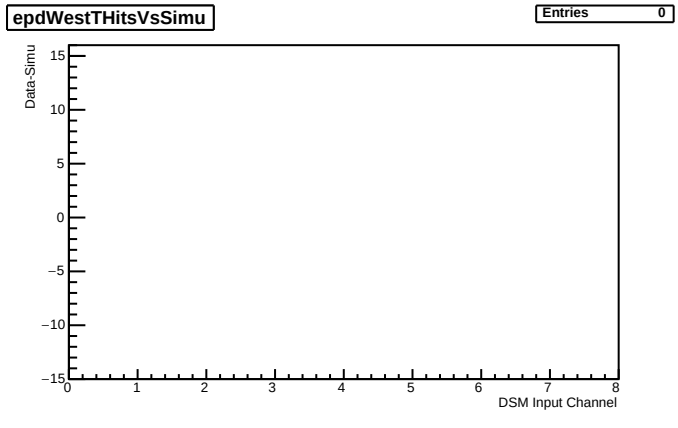
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1254352
Truncated NHits
DSMInput Channel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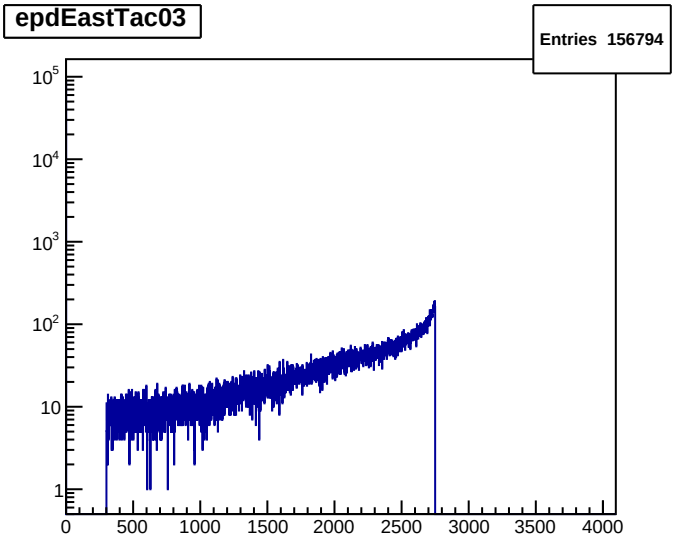
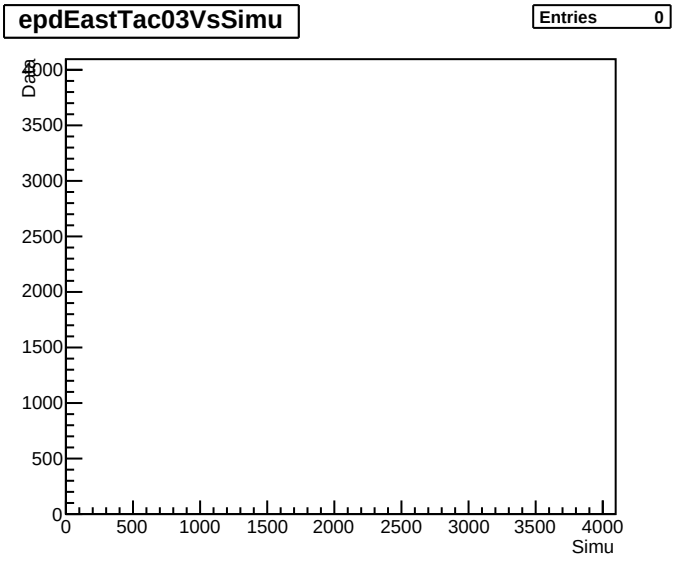
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 156794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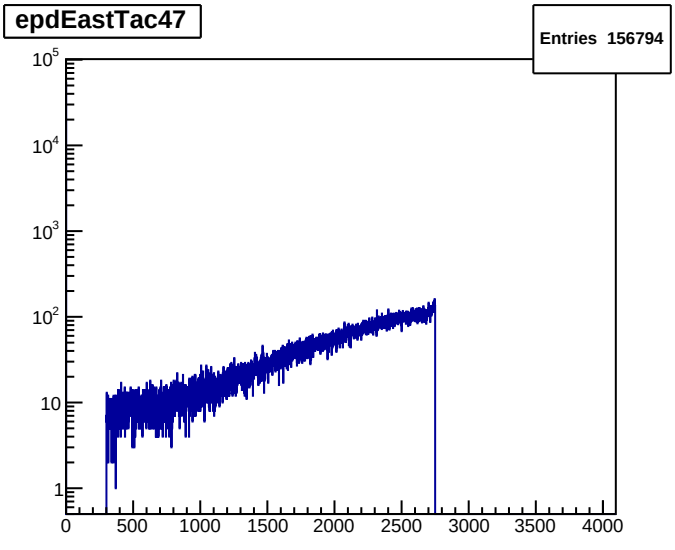
Entries 0
Data
Simu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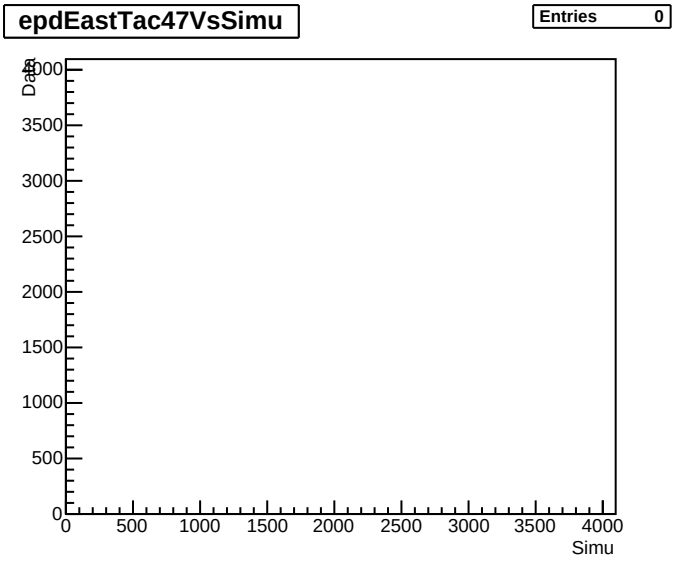
Entries 156794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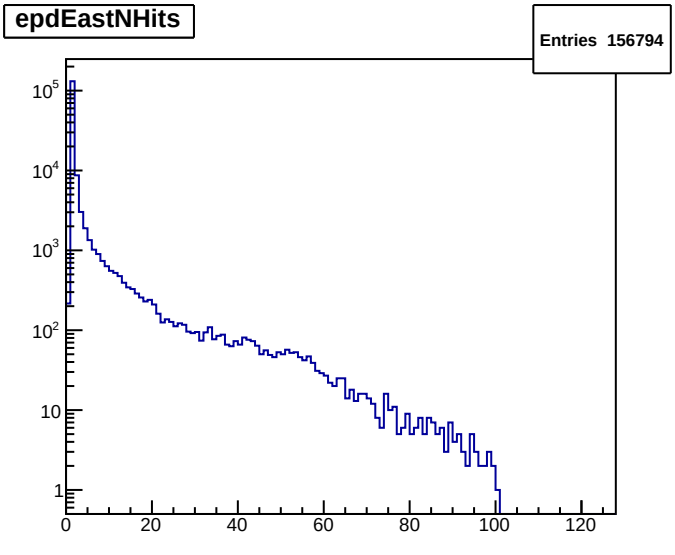
Entries 0
Data
Simu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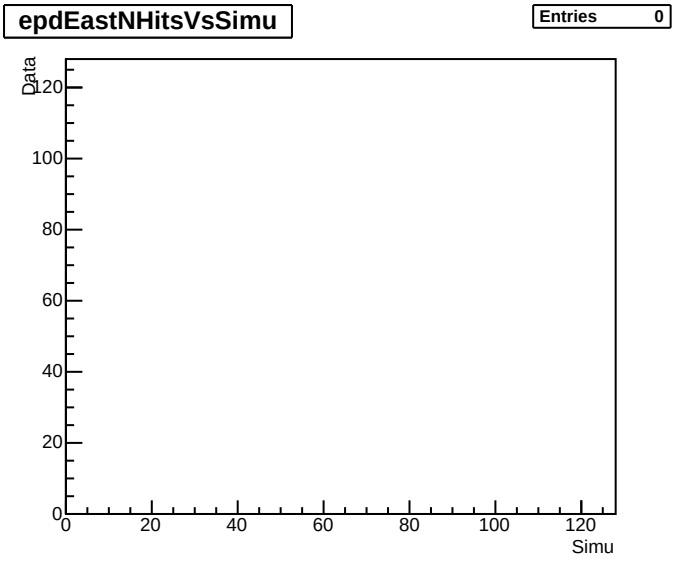
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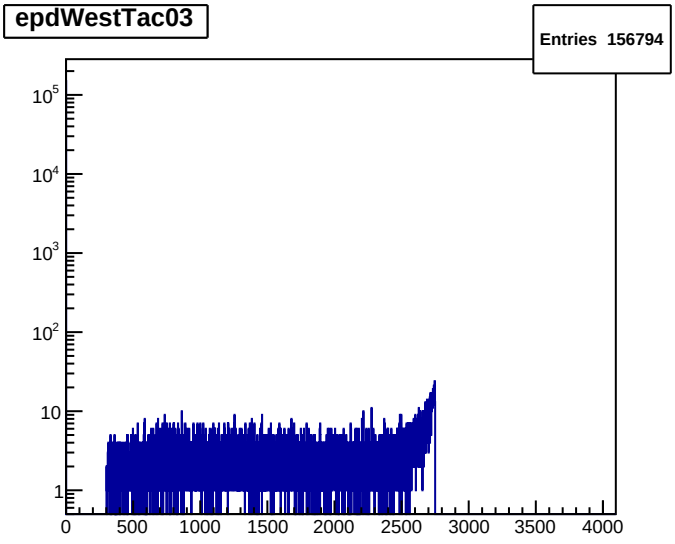
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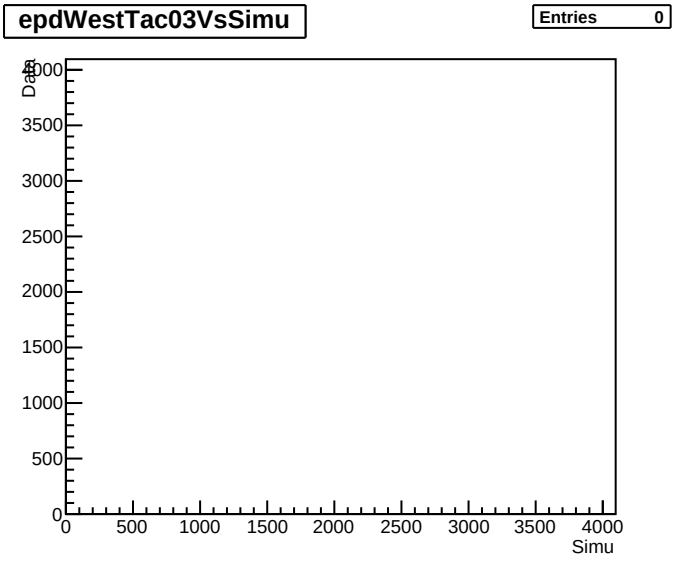
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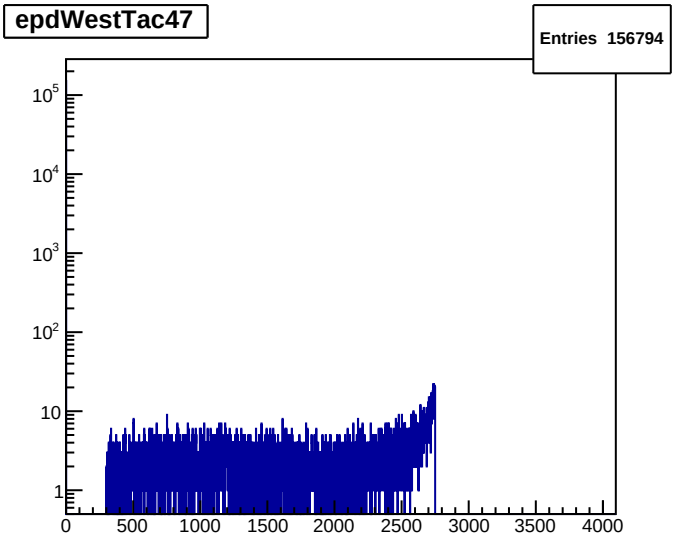
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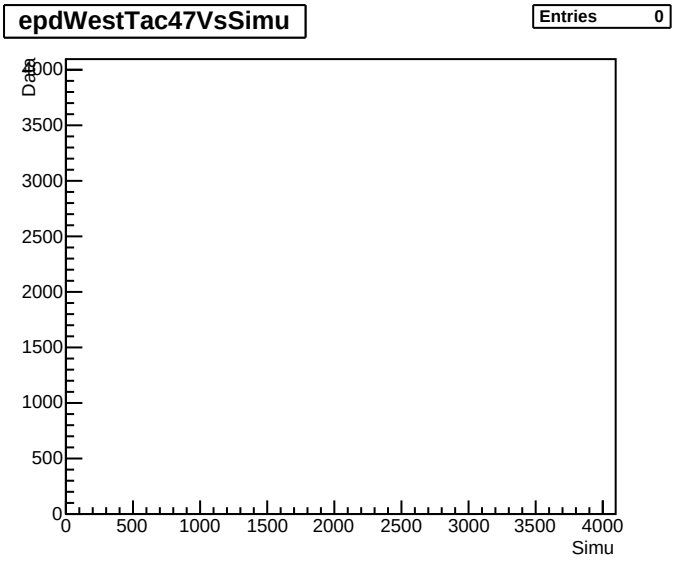
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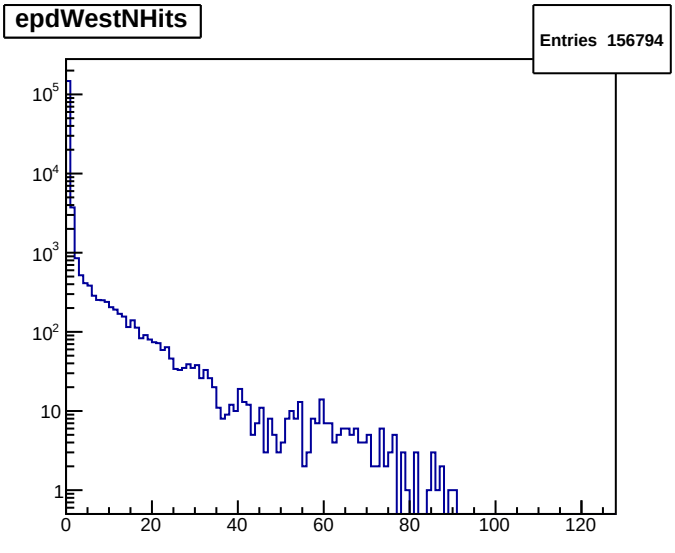
Entries 0
Data
Simu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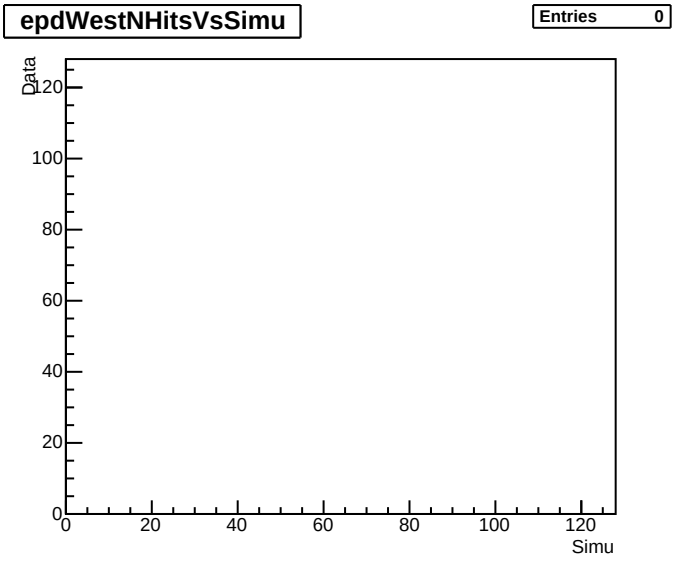
Entries 156794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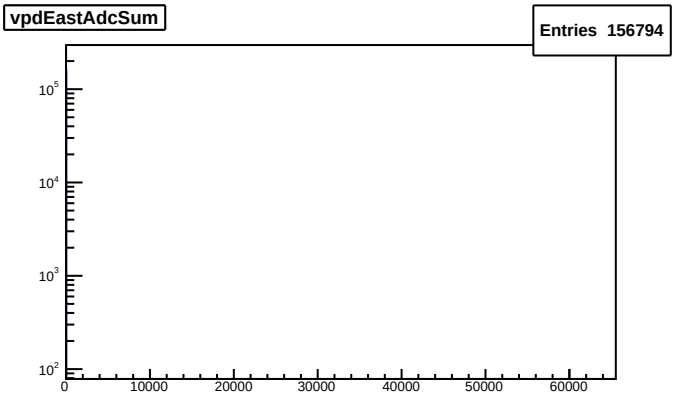
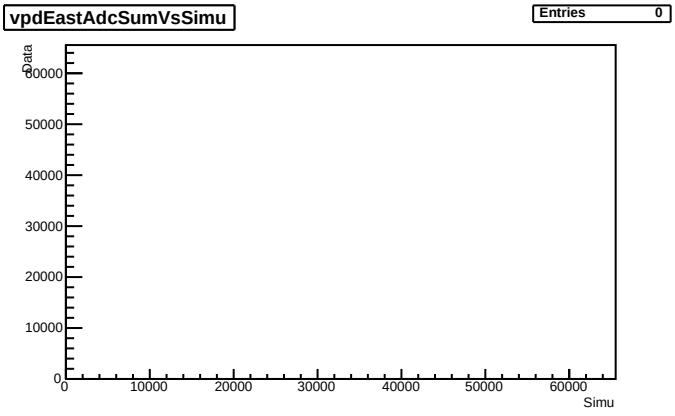
Entries 0
Data
Simu


vpdEastAdcSum
Entries 156794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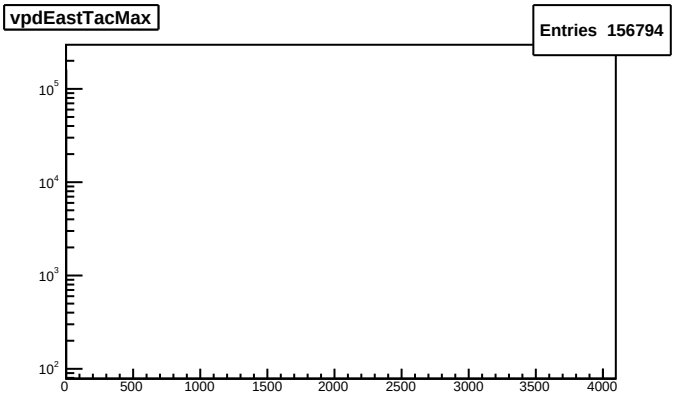
Entries 0
Data
Simu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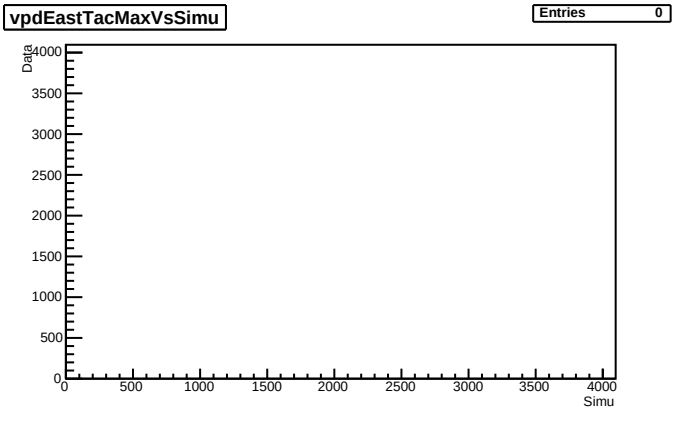
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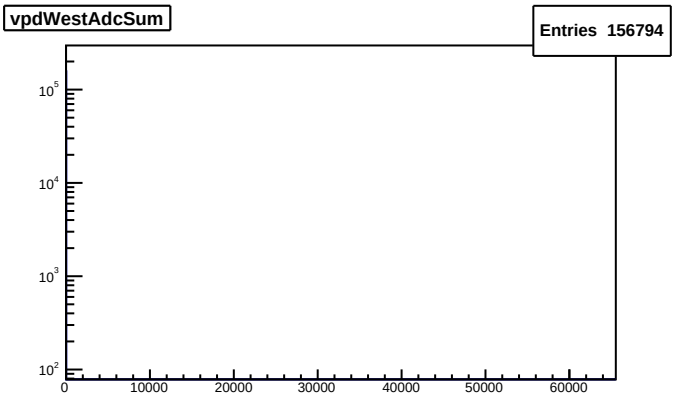
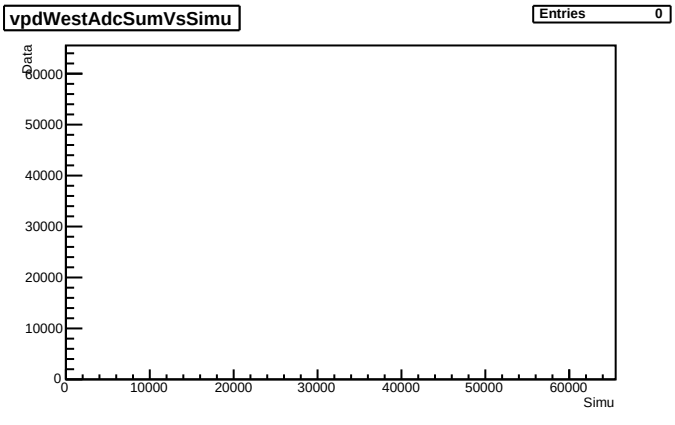

vpdWestAdcSum
Entries 156794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Entries 0
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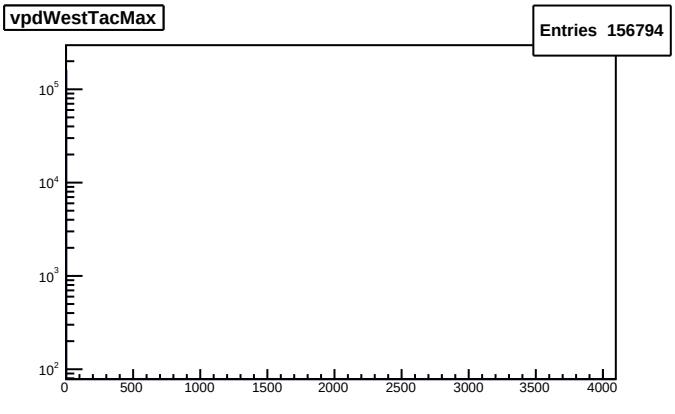
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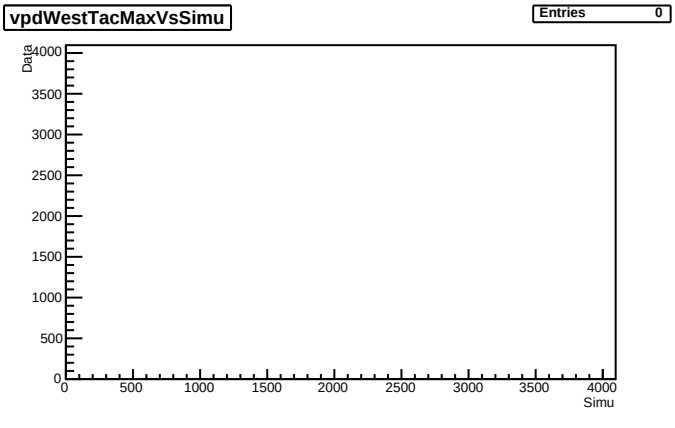
Entries 156794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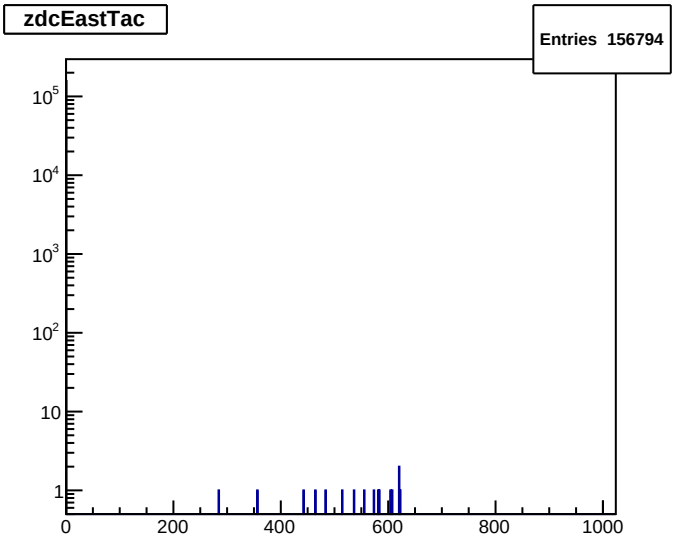
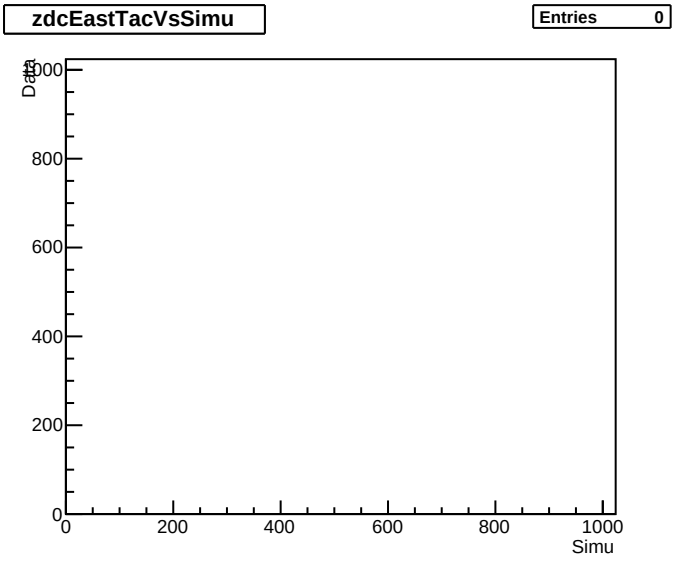
Entries 0
Data
Simu


zdcEastTac
Entries 156794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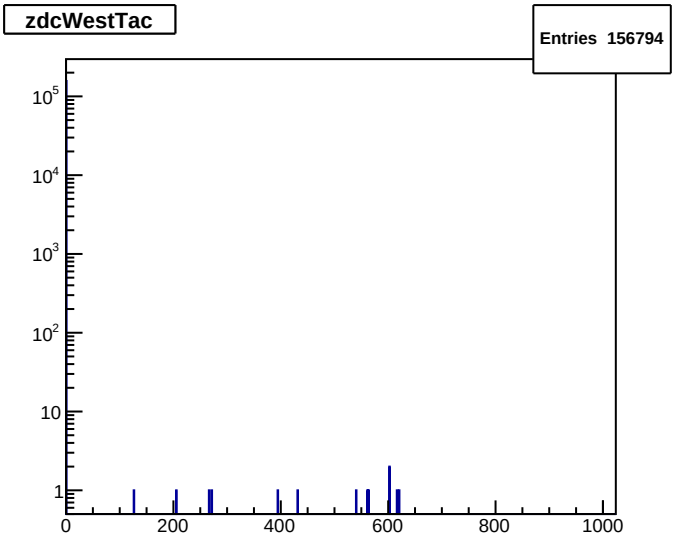
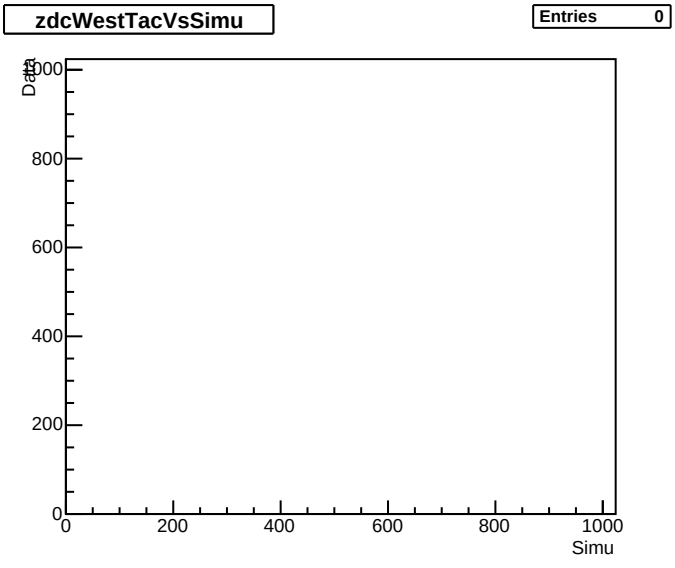
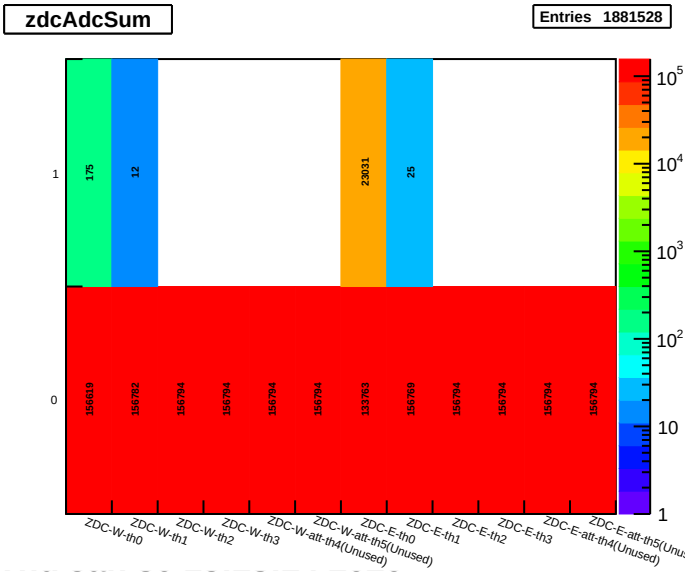
Entries 0
Data
Simu


zdcWestTac
Entries 156794


zdcWestTacVsSimu
Entries 0
Data
Simu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Entries 1881528
175
12
23031
25
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156794
156794
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133763
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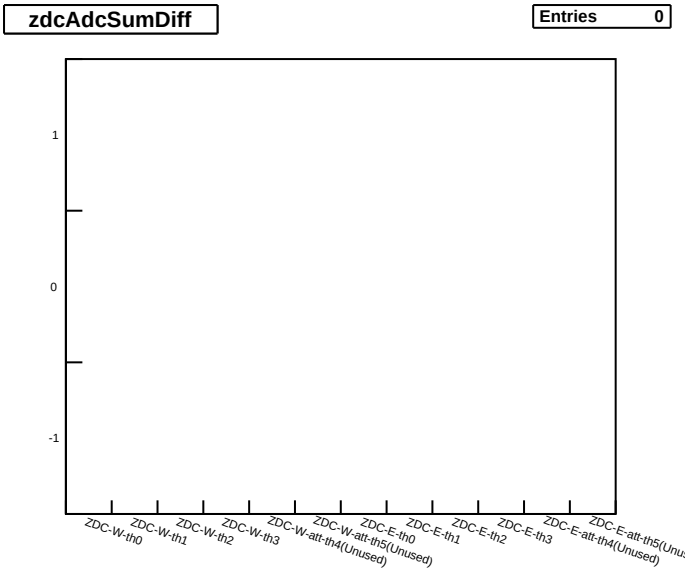
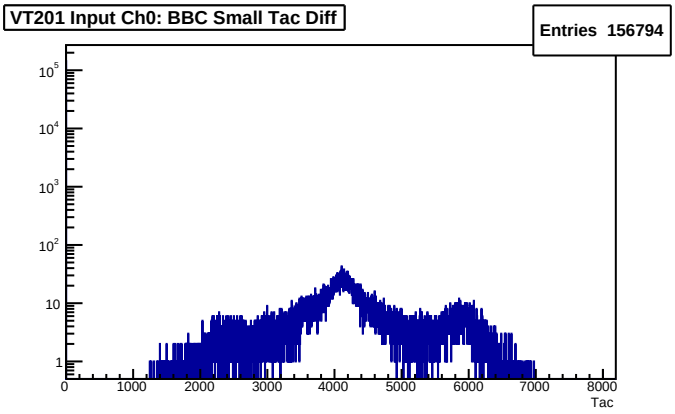
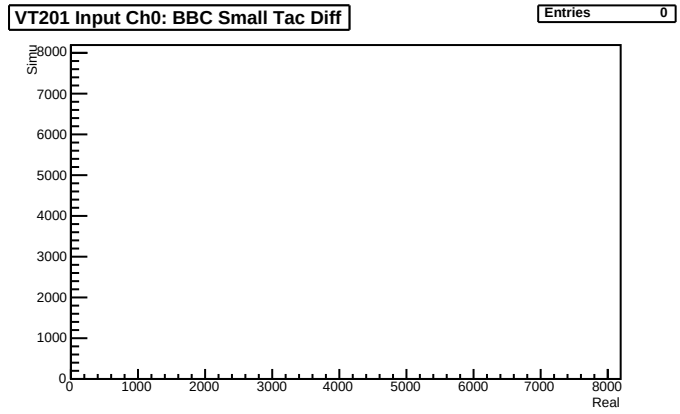
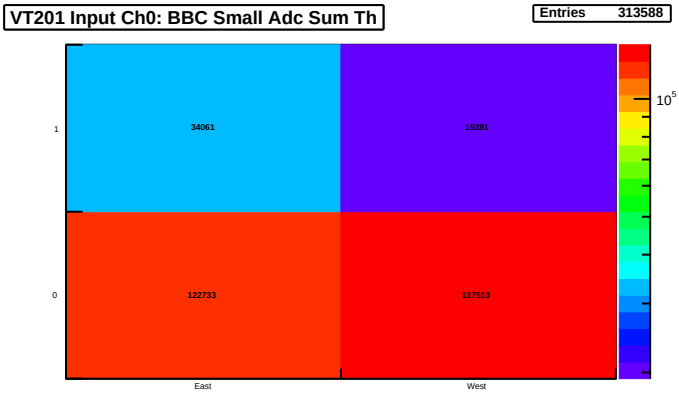
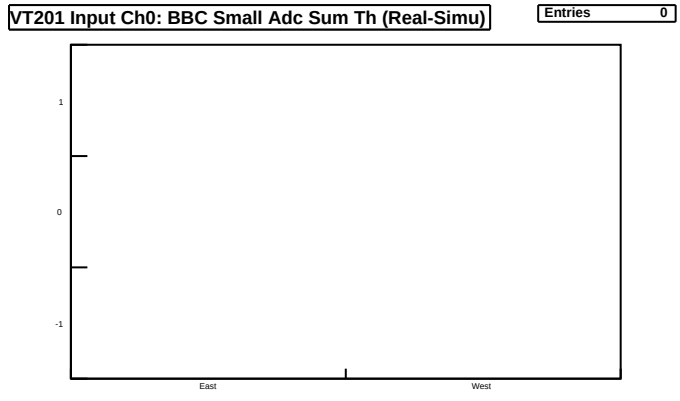
156794
156794
156794
156794
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

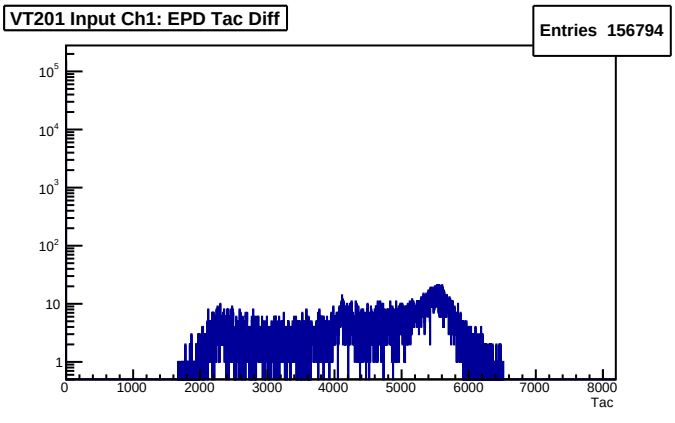

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

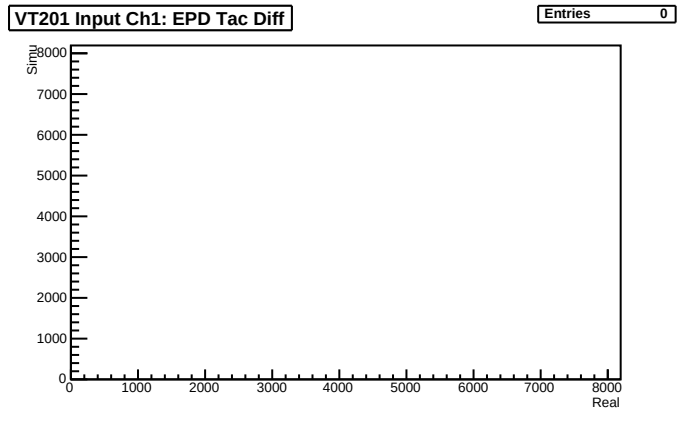

VT201 Input Ch0: BBC Small Tac Diff
Entries 156794
Tac

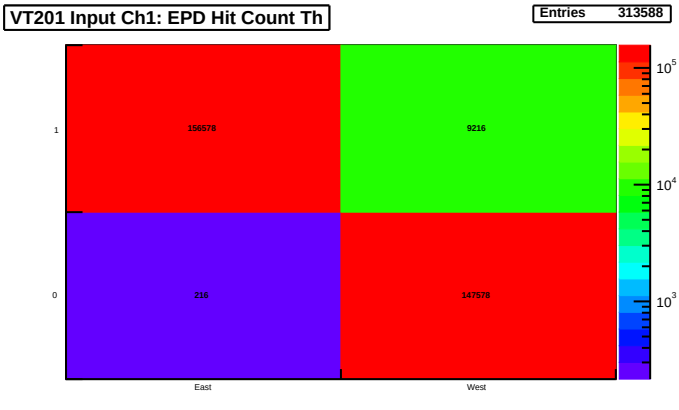

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

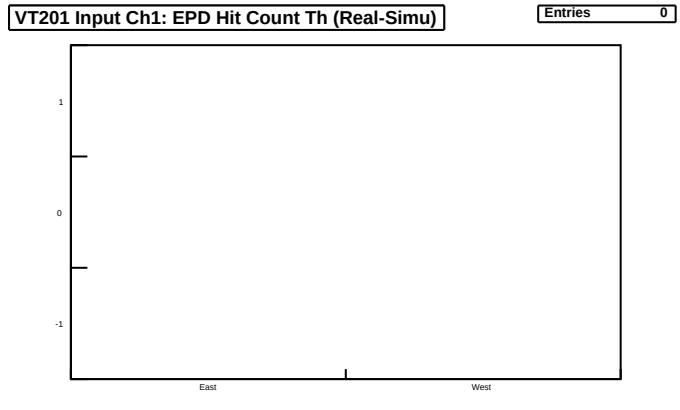

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 313588
34061
19281
122733
137513
East
West

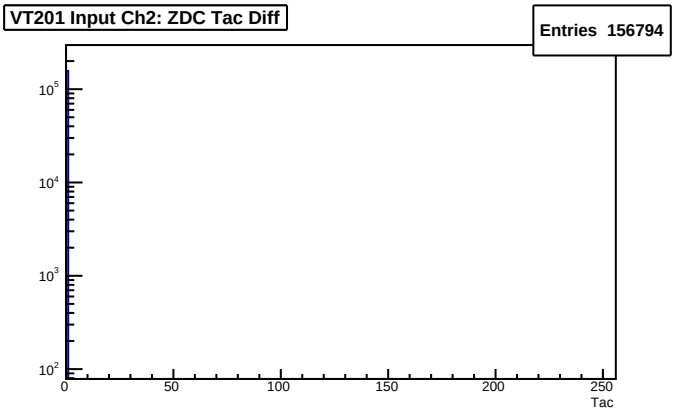

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

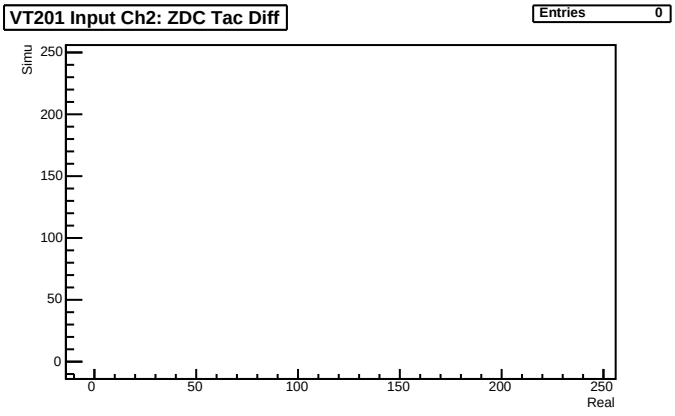

VT201 Input Ch1: EPD Tac Diff
Entries 156794
Tac

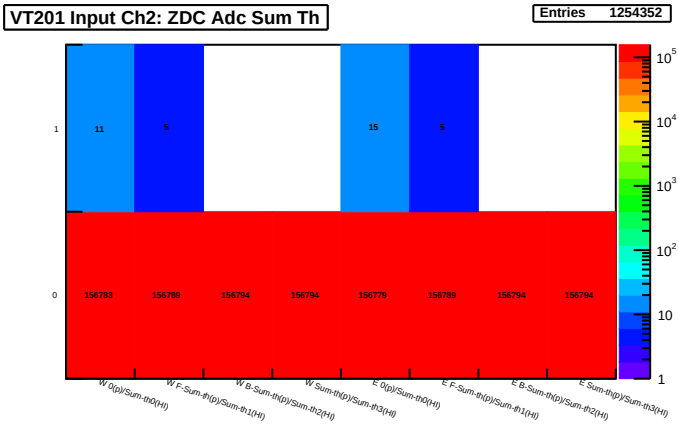

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

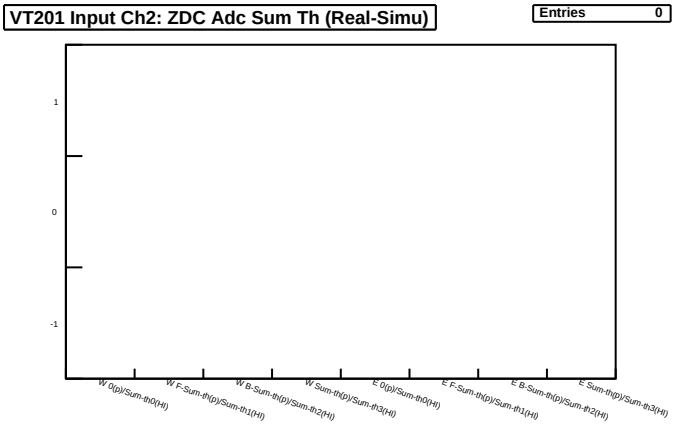

VT201 Input Ch1: EPD Hit Count Th
Entries 313588
156578
9216
216
147578
East
West

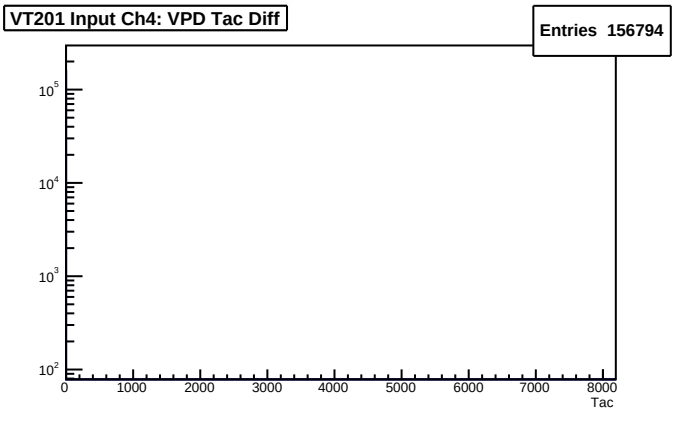

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

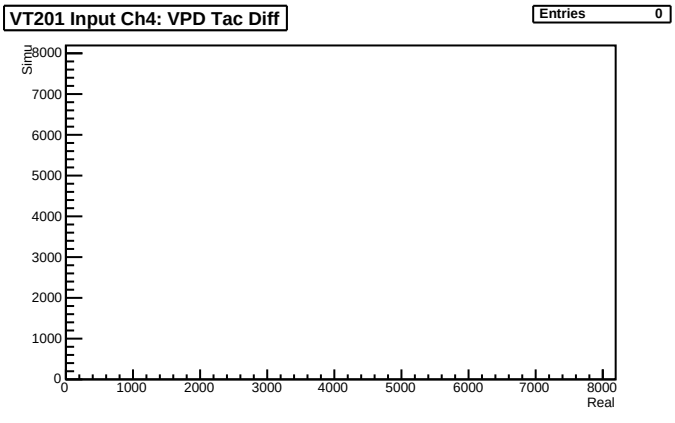

VT201 Input Ch2: ZDC Tac Diff
Entries 156794
Tac

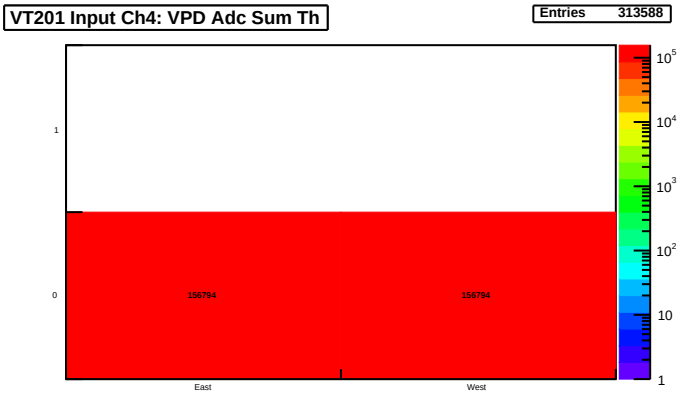

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

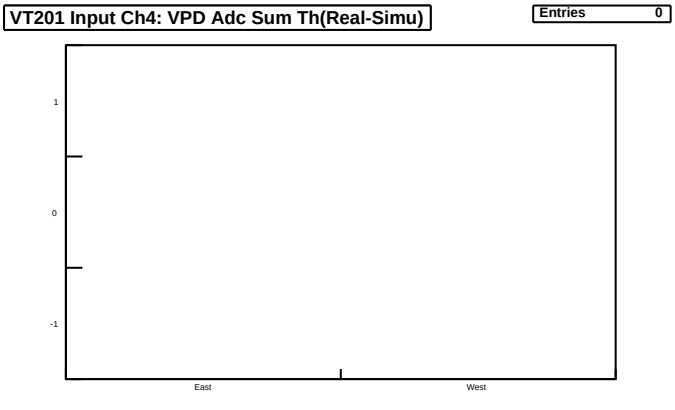

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1254352
11
5
15
5
156783
156789
156794
156794
156779
156789
156794
156794
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

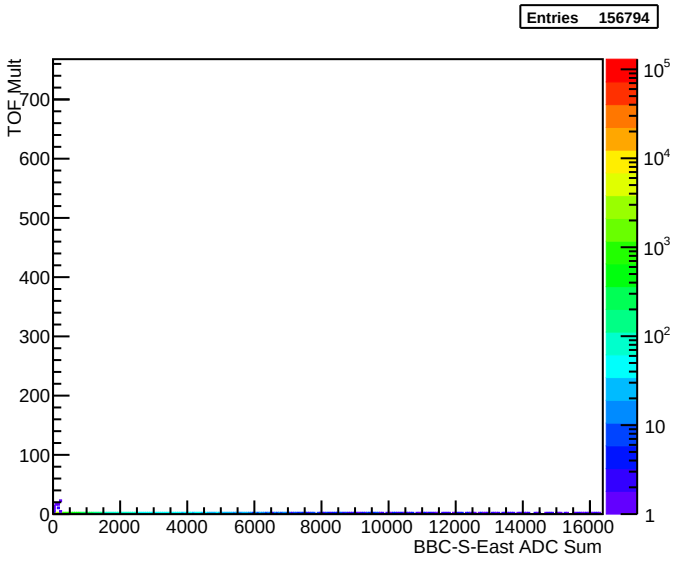

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

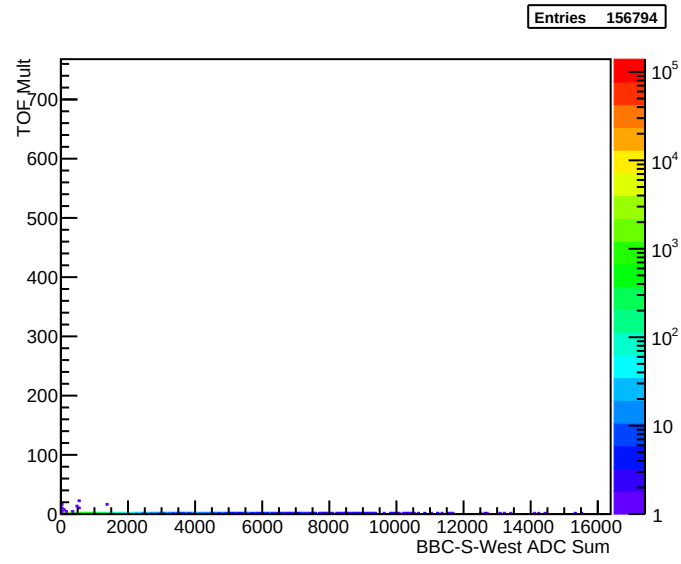

VT201 Input Ch4: VPD Tac Diff
Entries 156794
Tac

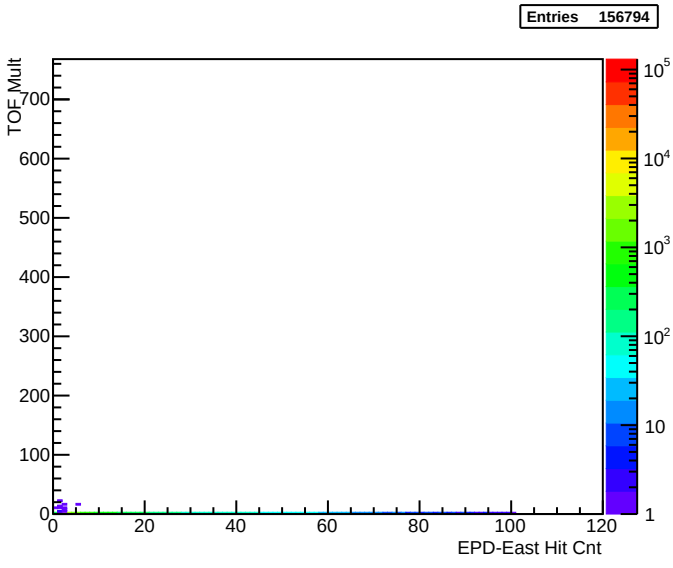

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

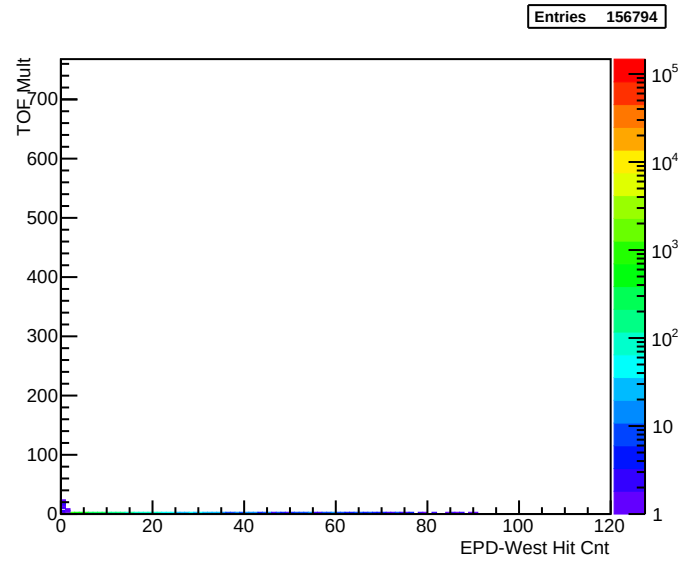

VT201 Input Ch4: VPD Adc Sum Th
Entries 313588
156794
156794
East
West

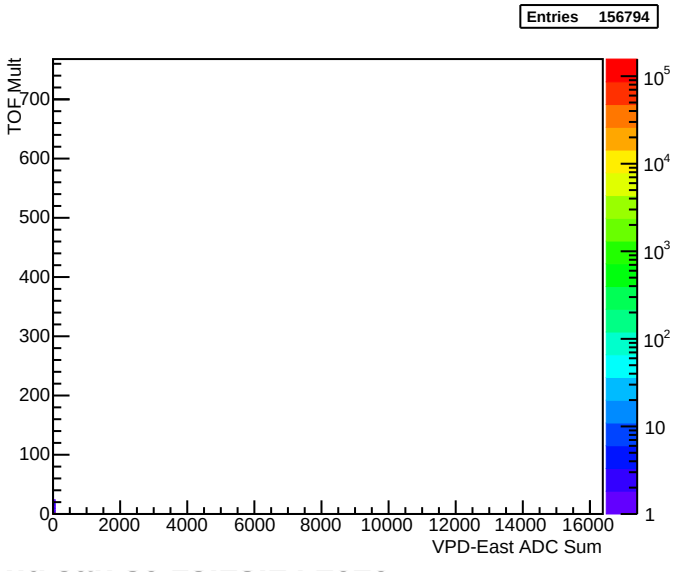

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

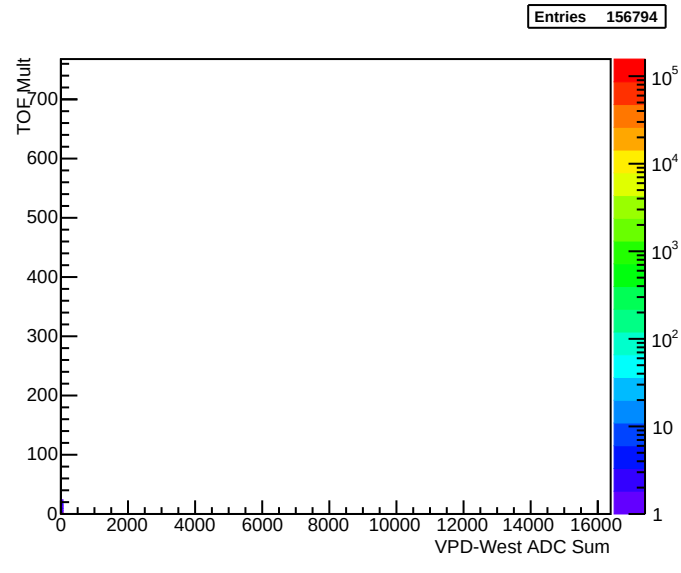

Entries 156794
TOF_Mult
BBC-S-East ADC Sum

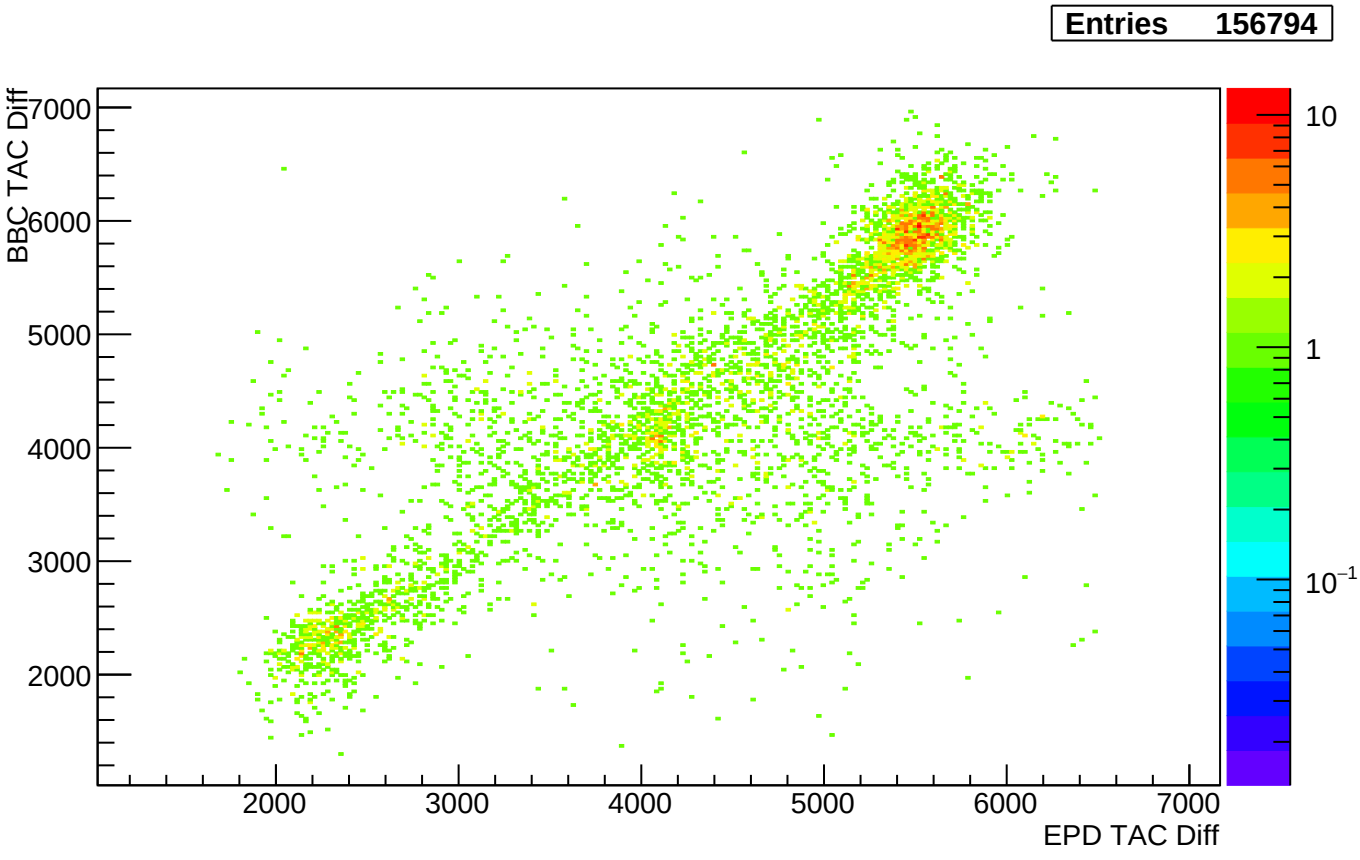

Entries 156794
TOF_Mult
BBC-S-West ADC Sum

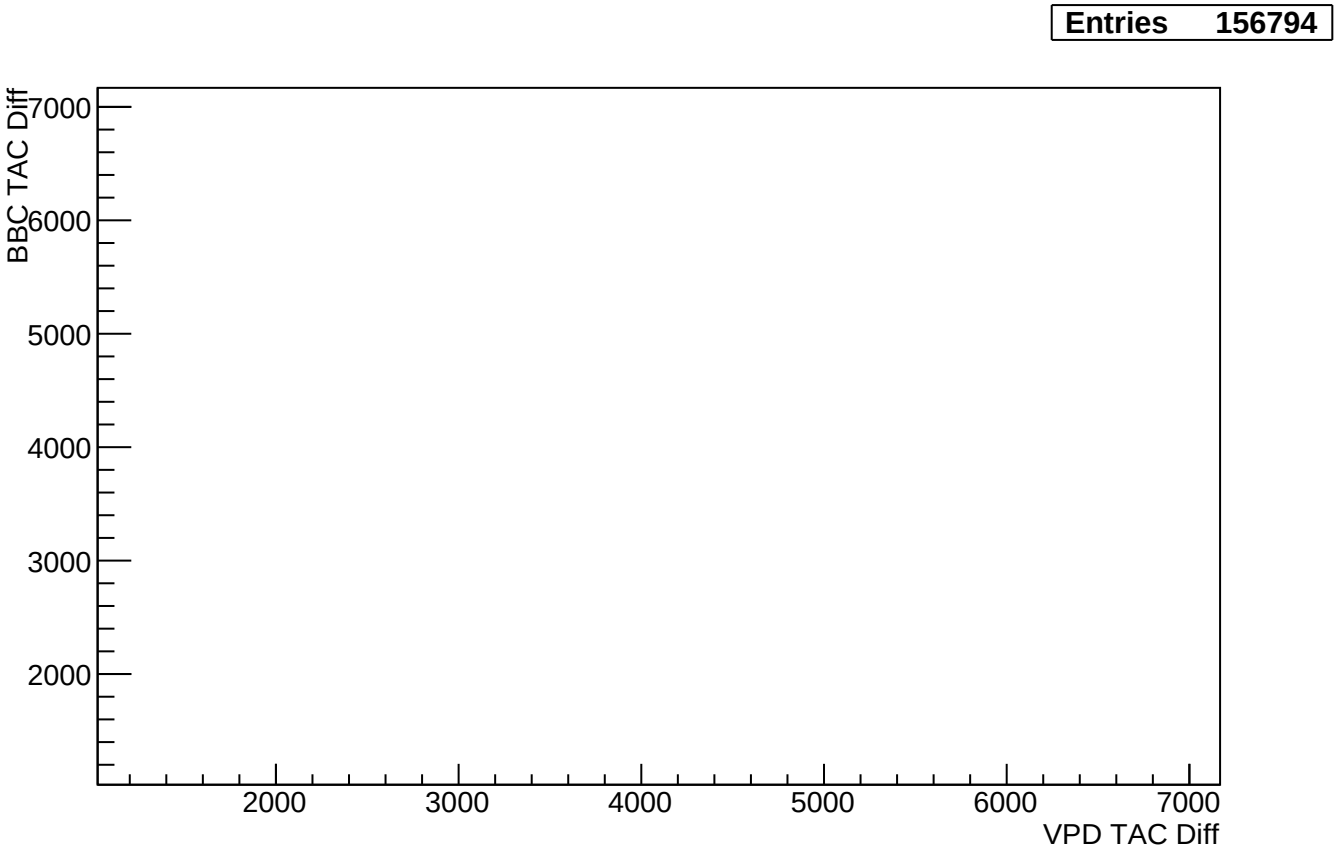

Entries 156794
TOF_Mult
EPD-East Hit Cnt

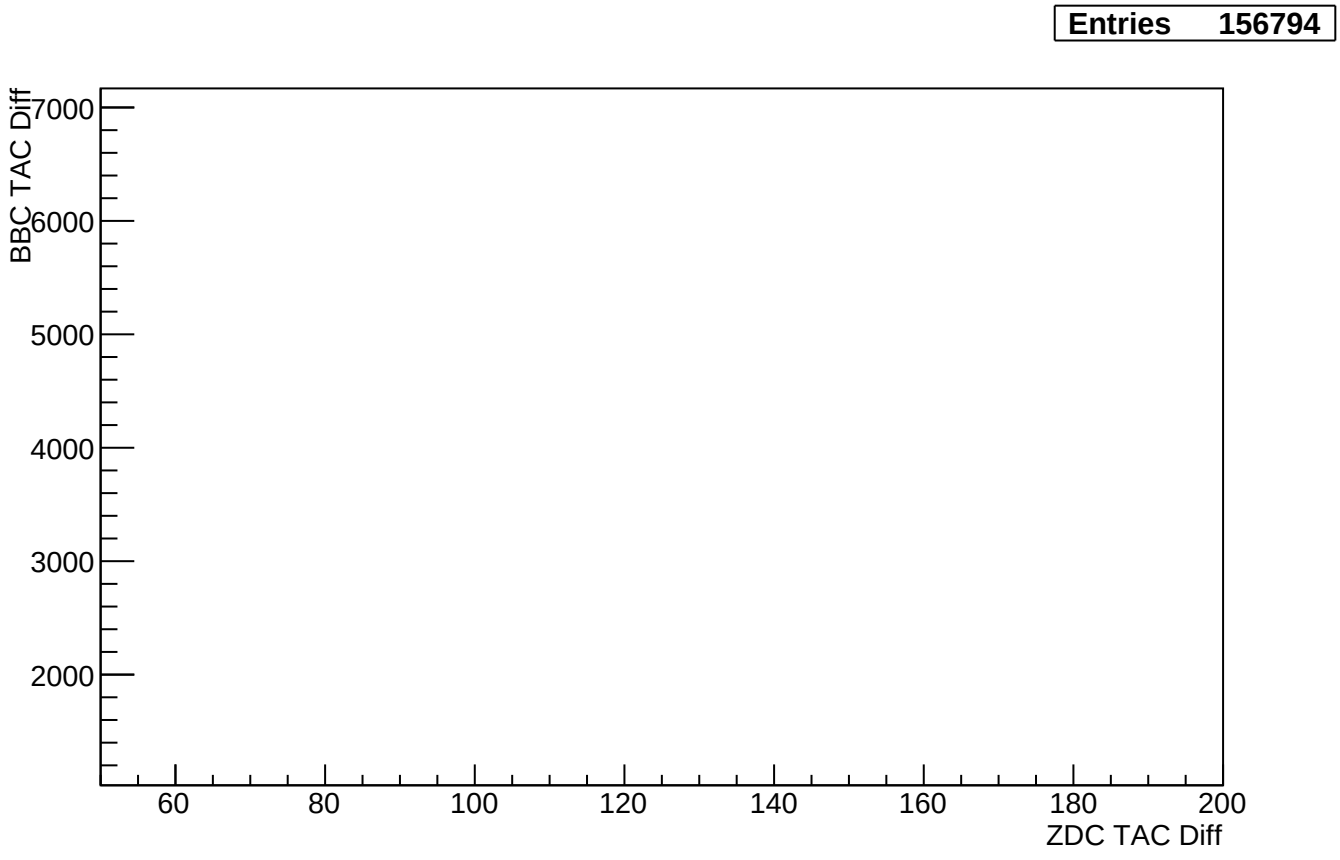

Entries 156794
TOF_Mult
EPD-West Hit Cnt

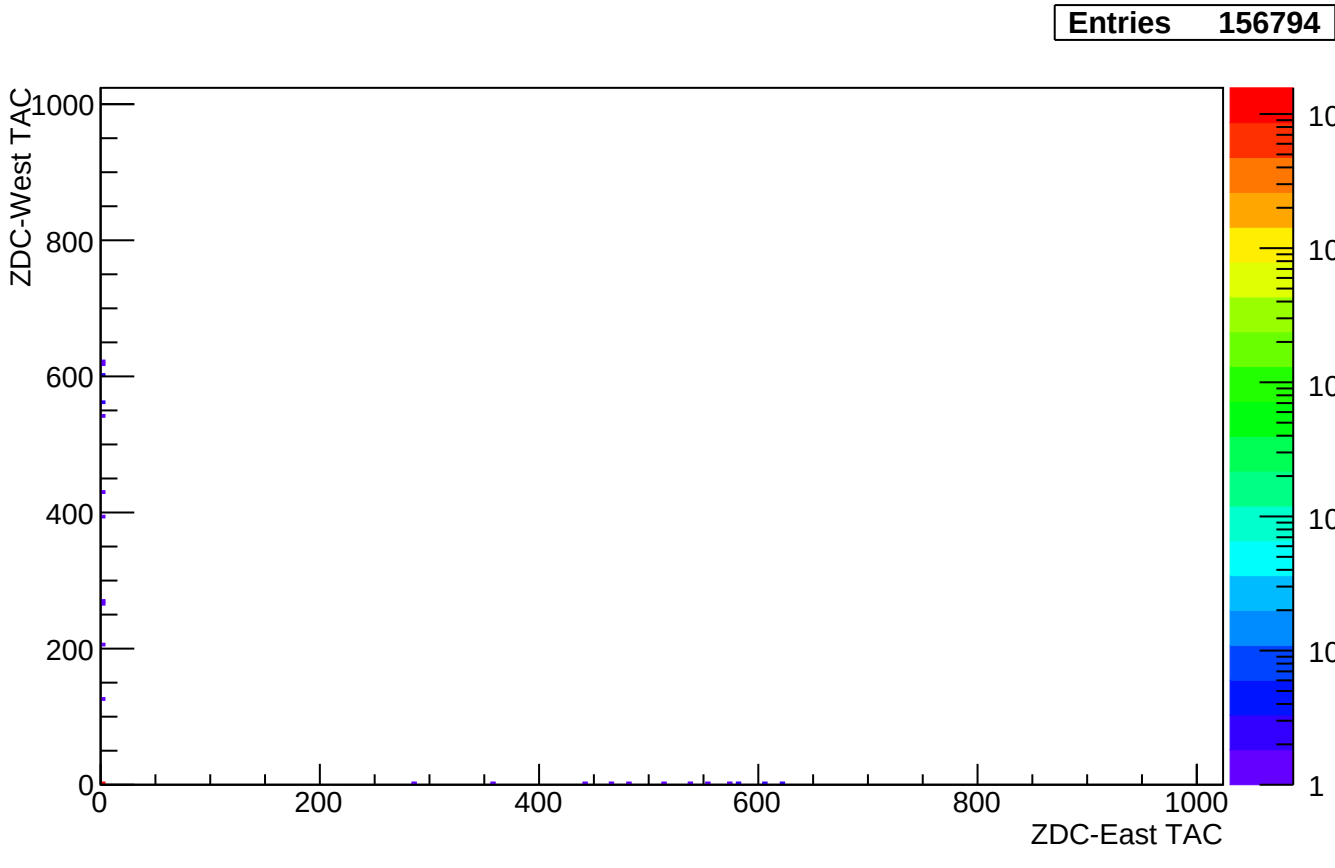

Entries 156794
TOF_Mult
VPD-East ADC Sum

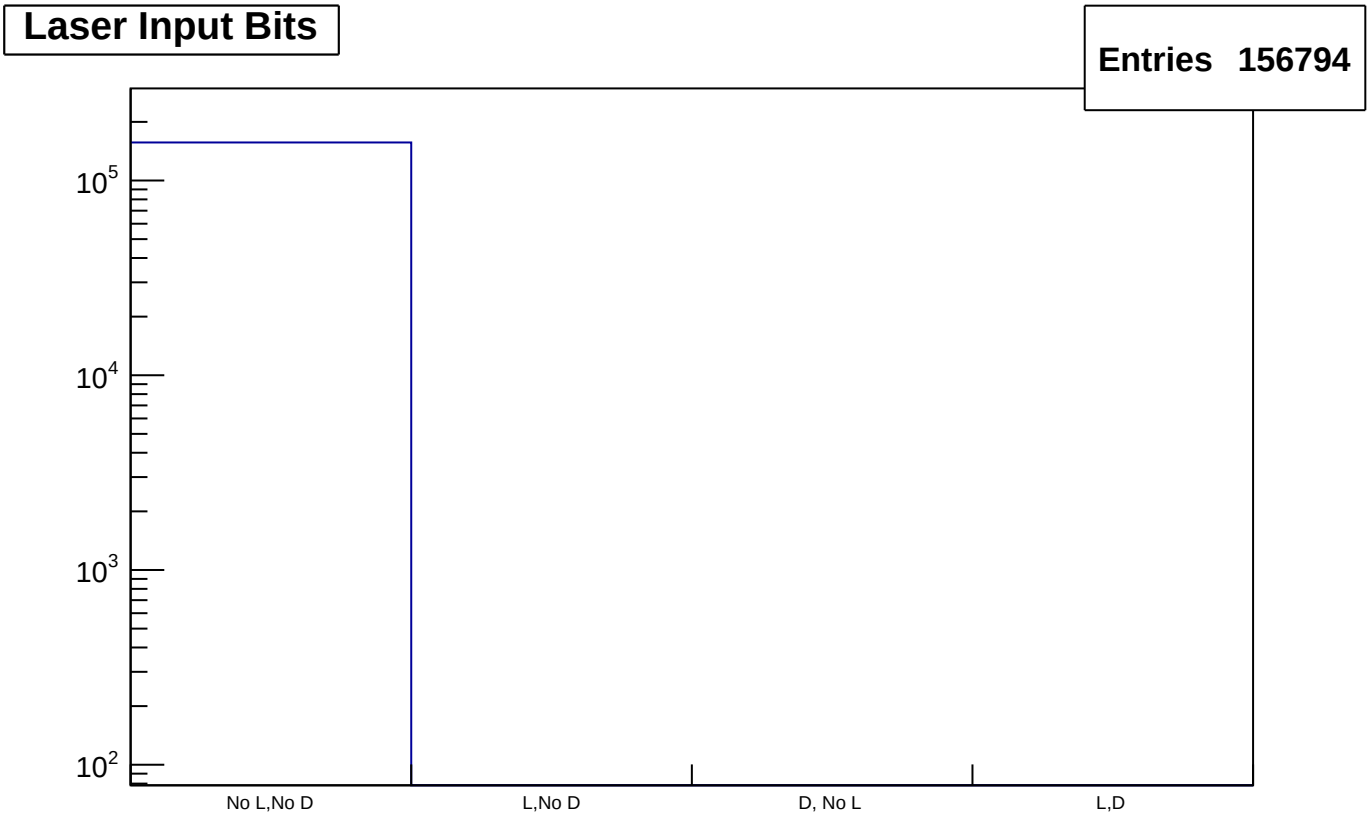

Entries 156794
TOF_Mult
VPD-West ADC Sum

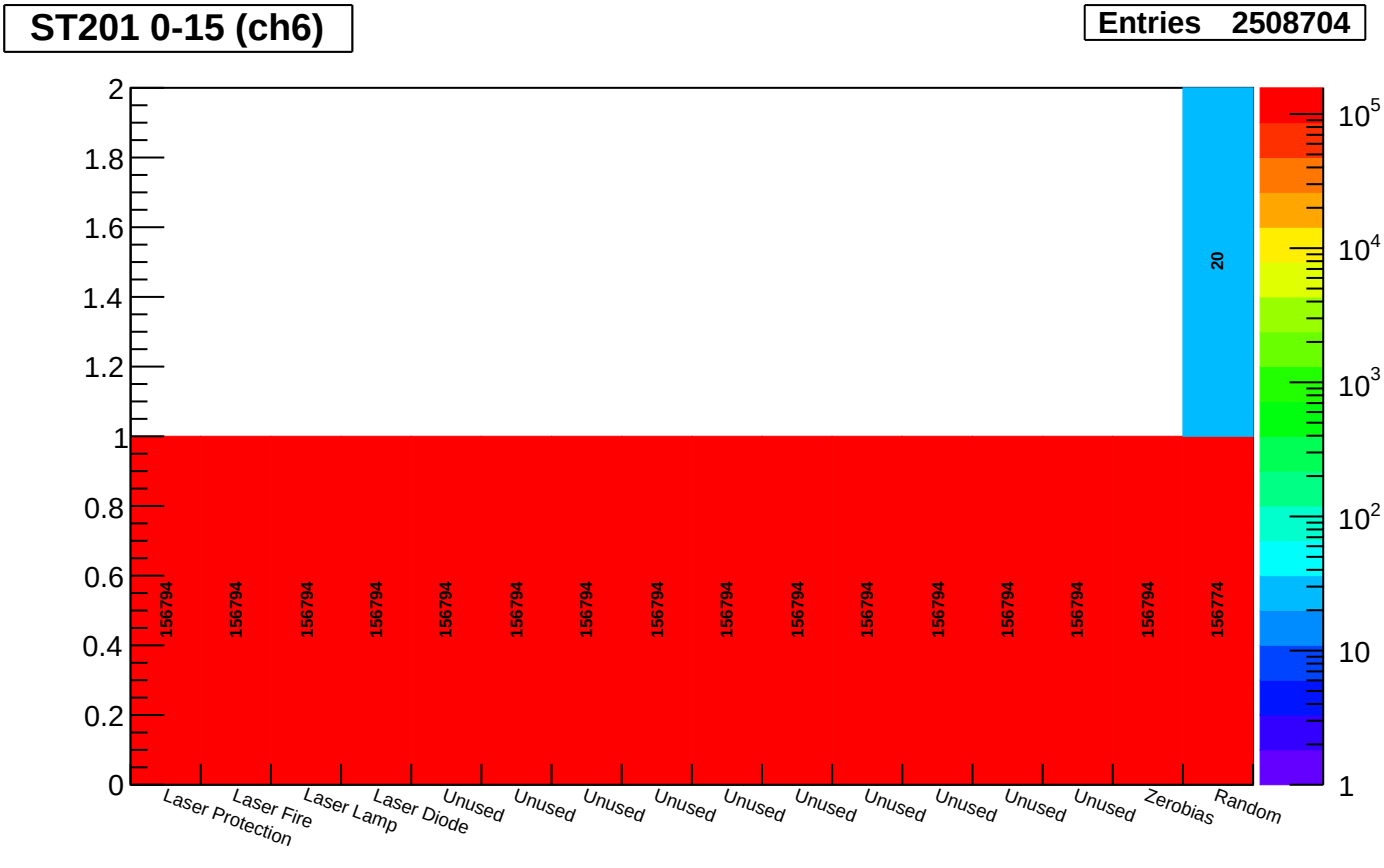

Entries 156794
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10
1
10^{-1}

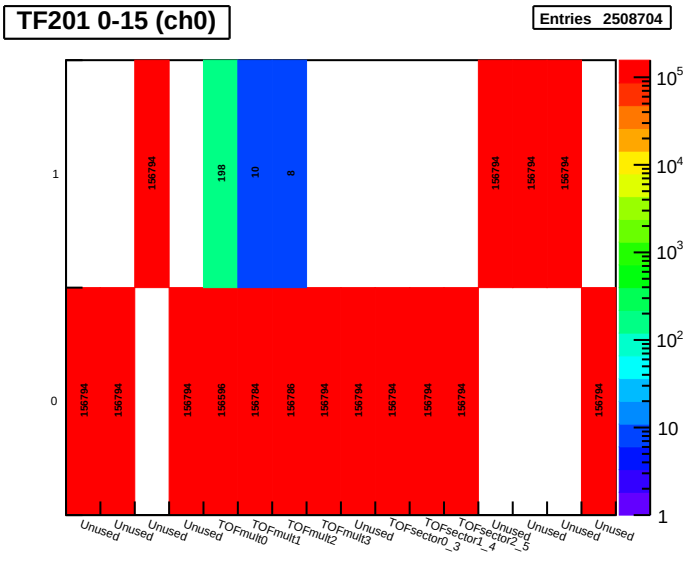

Entries 156794
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff

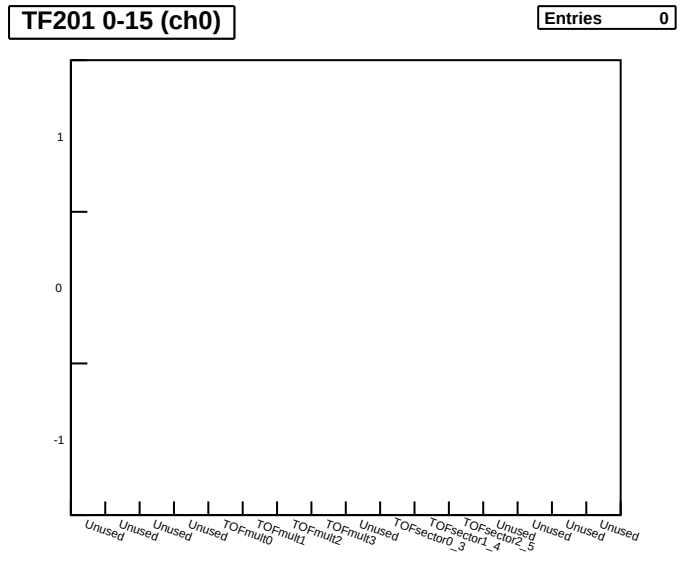

Entries 156794
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff

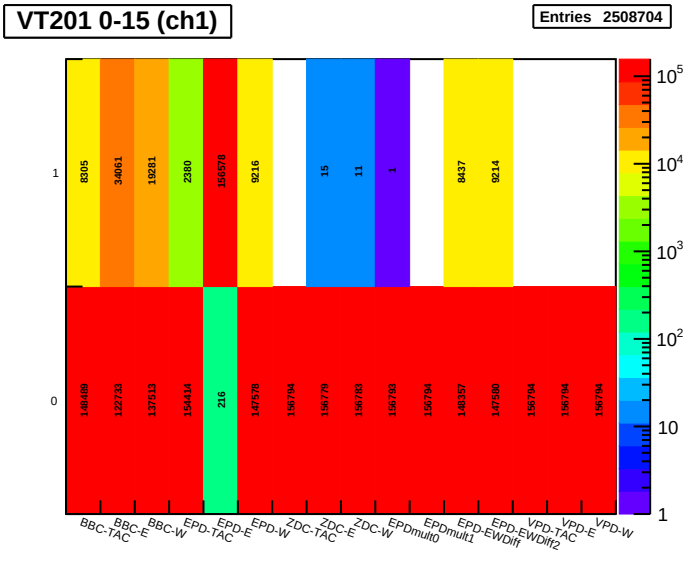

Entries 156794
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

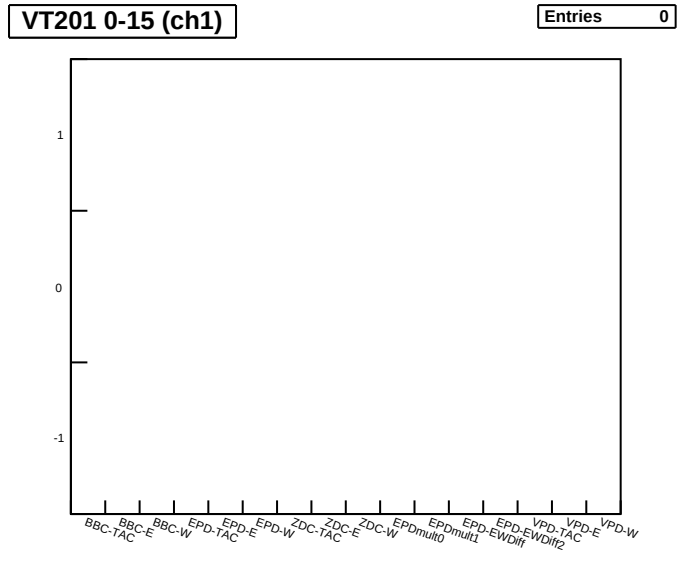

Laser Input Bits
Entries 156794
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

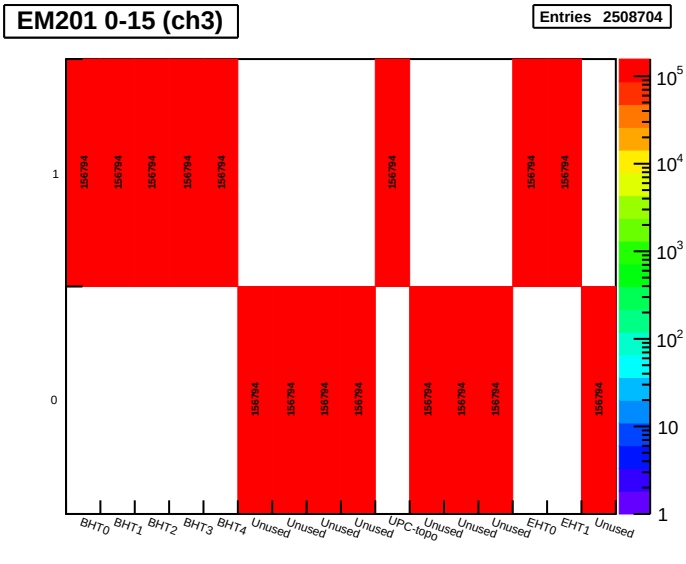

ST201 0-15 (ch6)
Entries 2508704
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
20
156794
156774
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

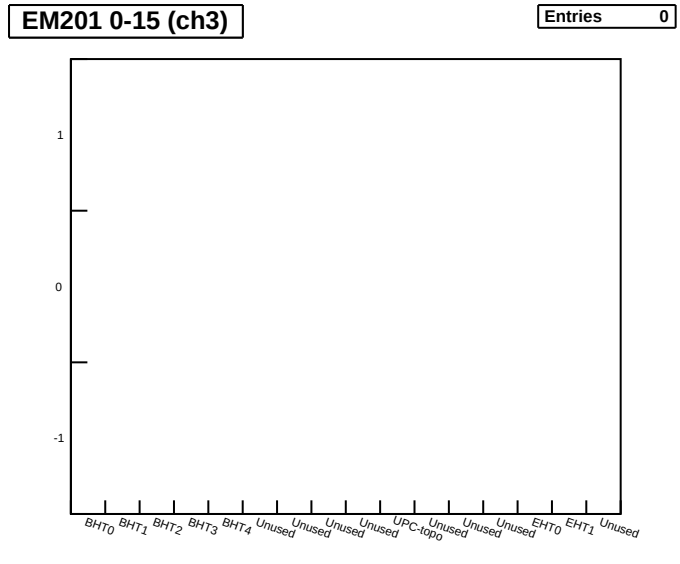

TF201 0-15 (ch0)
Entries 2508704
1
0
156794
198
10
8
156586
156786
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 2508704
1
0
8305
34061
19281
2380
156578
9216
15
11
1
8437
9214
148489
122733
137513
154414
216
147578
156794
156779
156783
156793
148357
147580
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 2508704
1
0
156794
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1