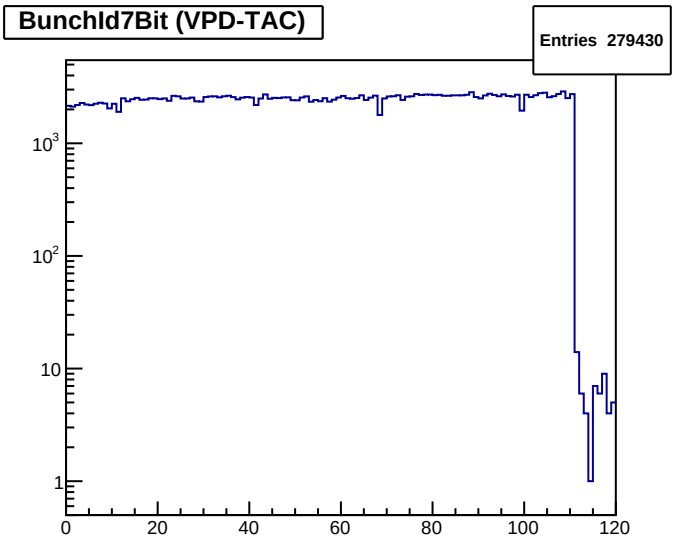
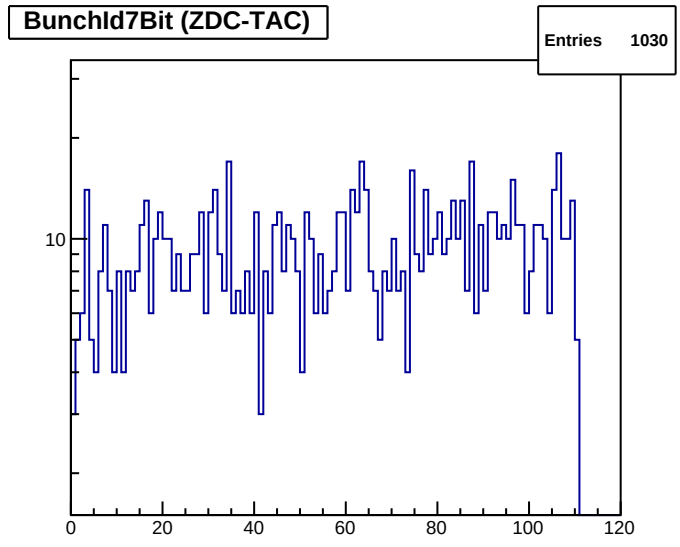
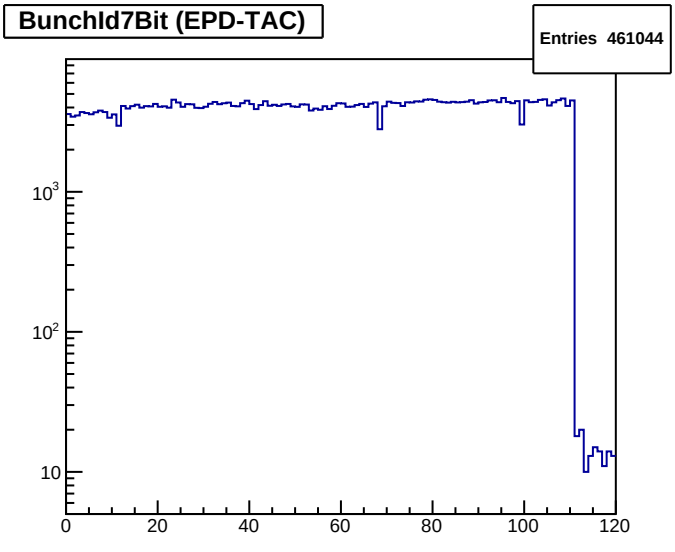
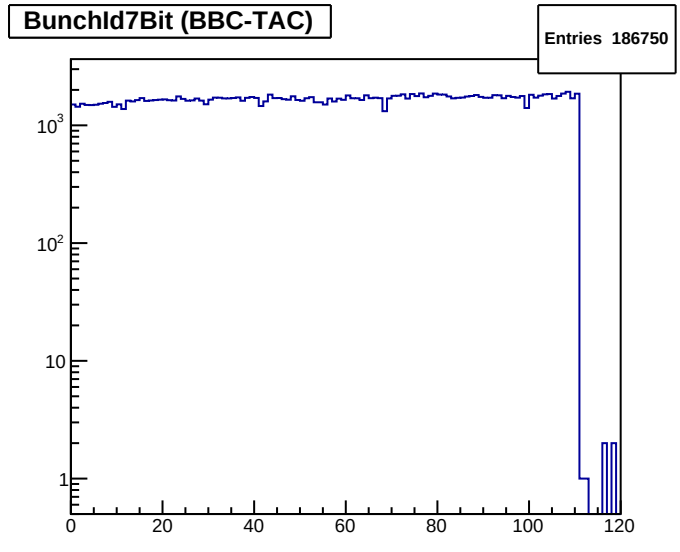
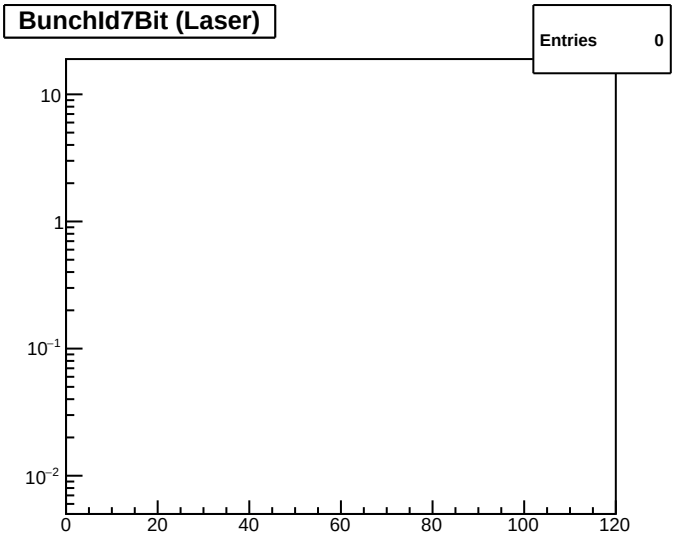
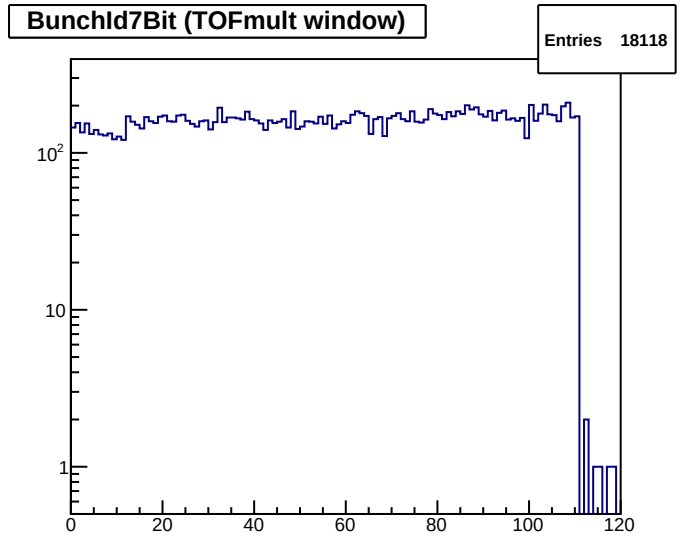

BunchId7Bit (VPD-TAC)
Entries 279430

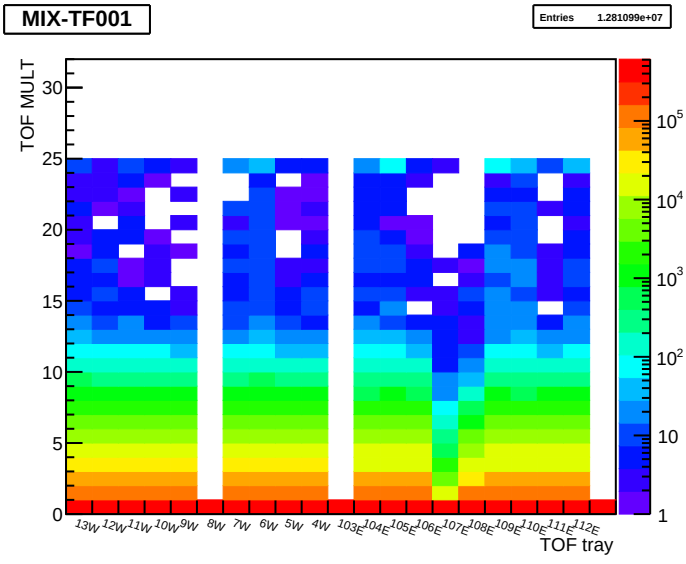

BunchId7Bit (ZDC-TAC)
Entries 1030

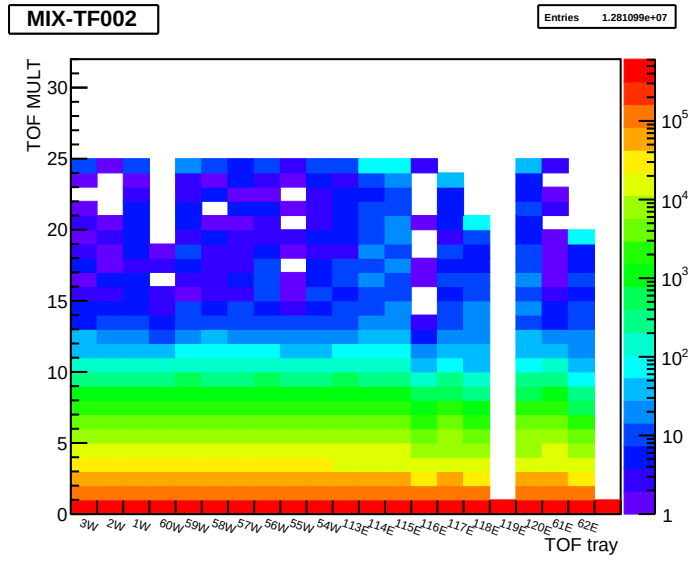

BunchId7Bit (EPD-TAC)
Entries 461044

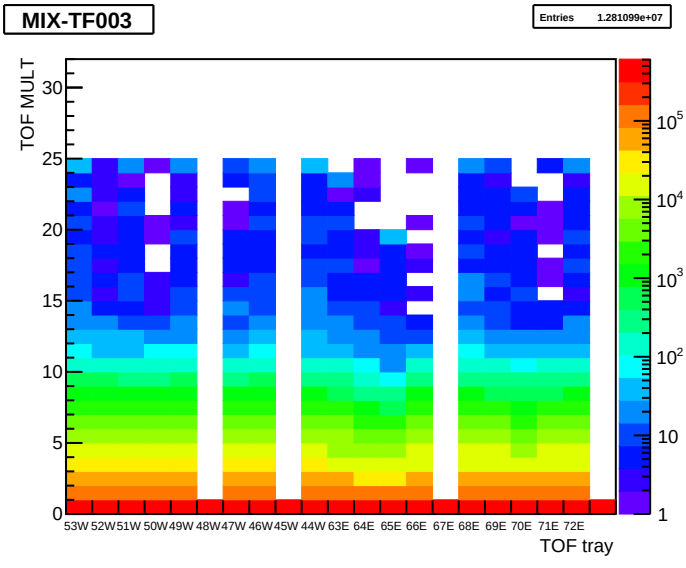

BunchId7Bit (BBC-TAC)
Entries 186750

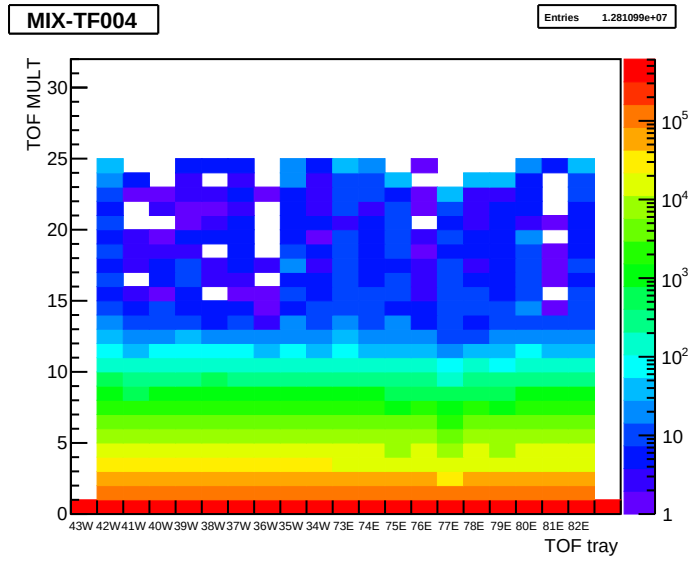

BunchId7Bit (Laser)
Entries 0

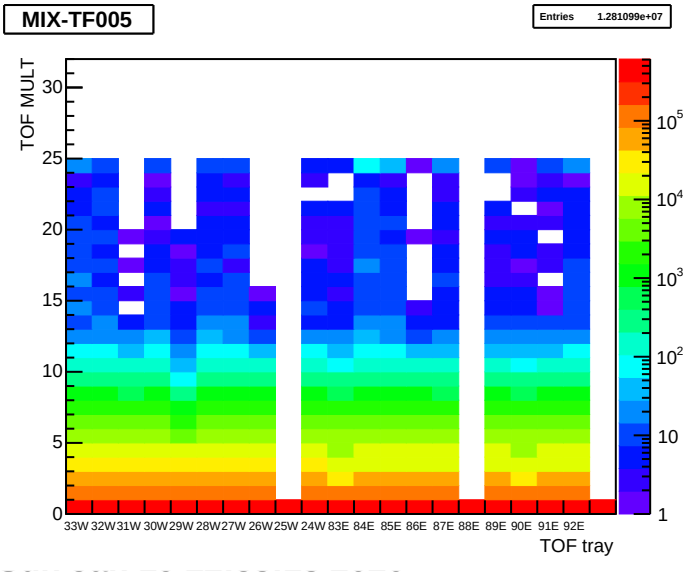

BunchId7Bit (TOFmult window)
Entries 18118

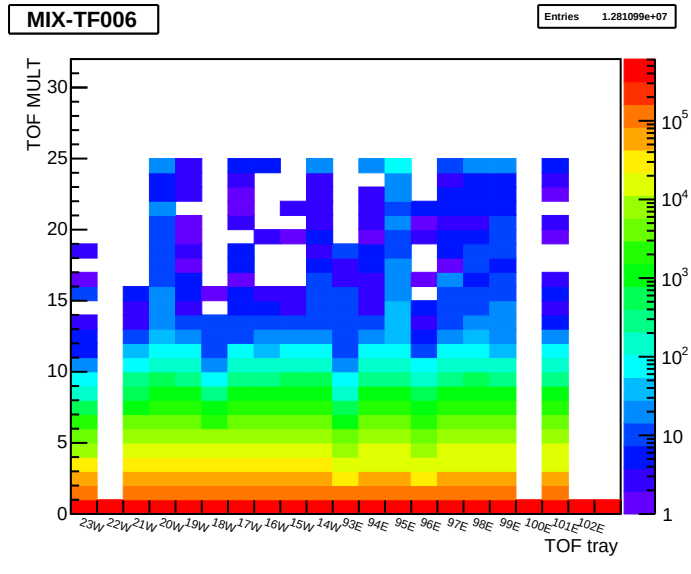

MIX-TF001
Entries 1.281099e+07
TOF MULT
TOF tray

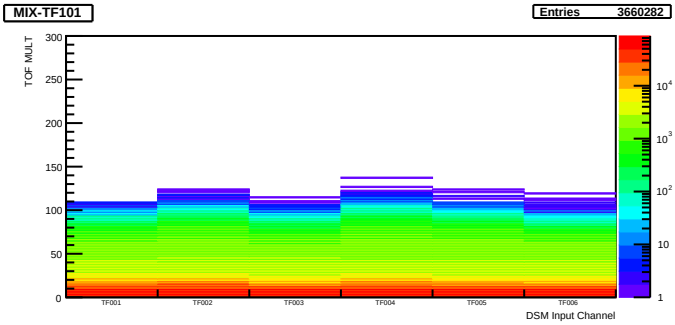

MIX-TF002
Entries 1.281099e+07
TOF MULT
TOF tray

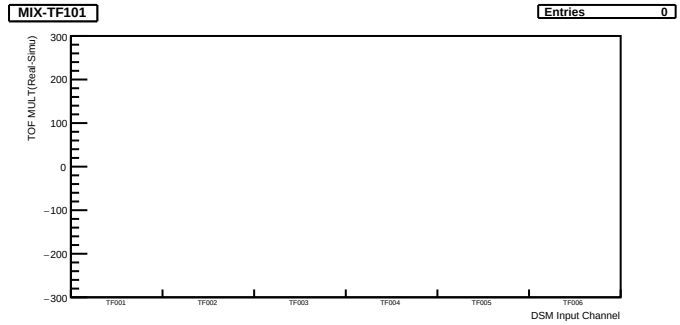

MIX-TF003
Entries 1.281099e+07
TOF MULT
TOF tray

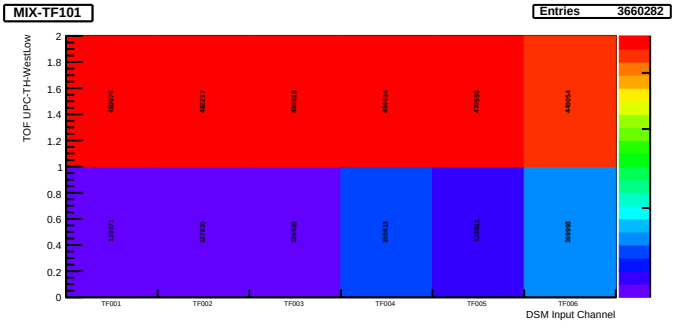

MIX-TF004
Entries 1.281099e+07
TOF MULT
TOF tray

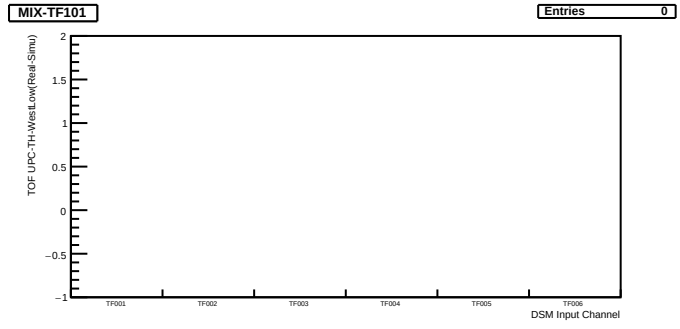

MIX-TF005
Entries 1.281099e+07
TOF MULT
TOF tray

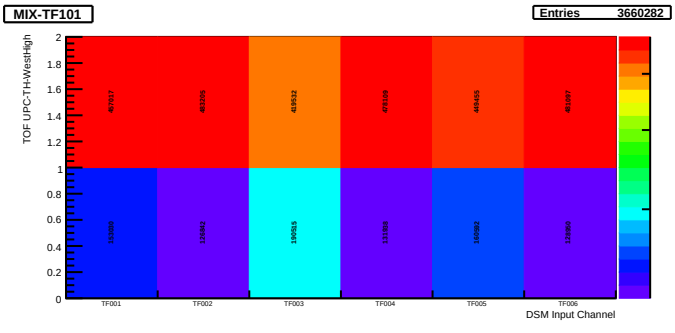

MIX-TF006
Entries 1.281099e+07
TOF MULT
TOF tray

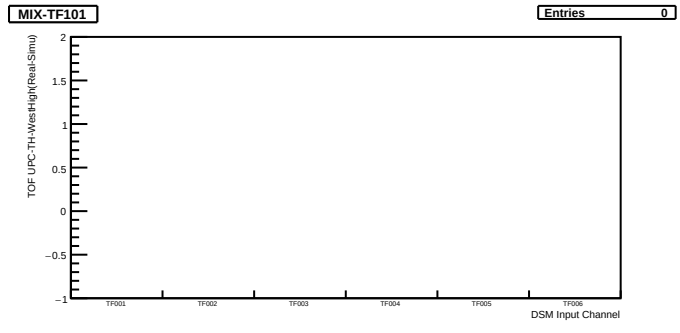

MIX-TF101
Entries 3660282
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

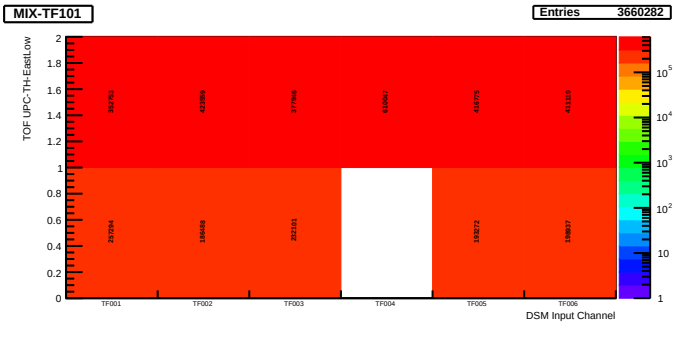

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

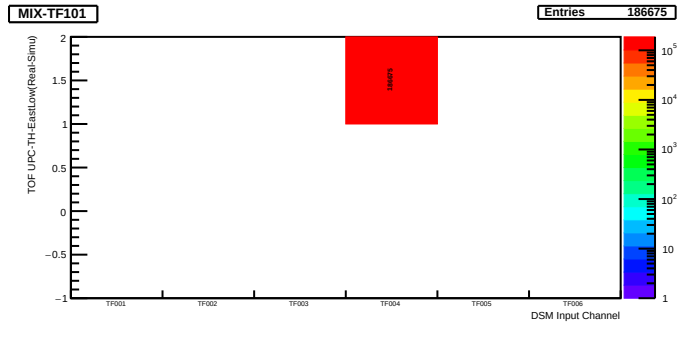

MIX-TF101
Entries 3660282
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

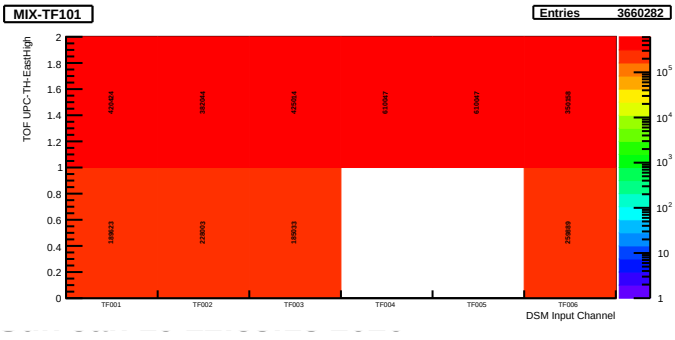

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

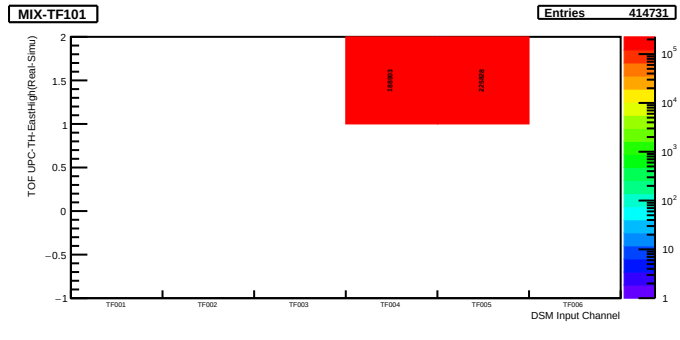

MIX-TF101
Entries 3660282
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

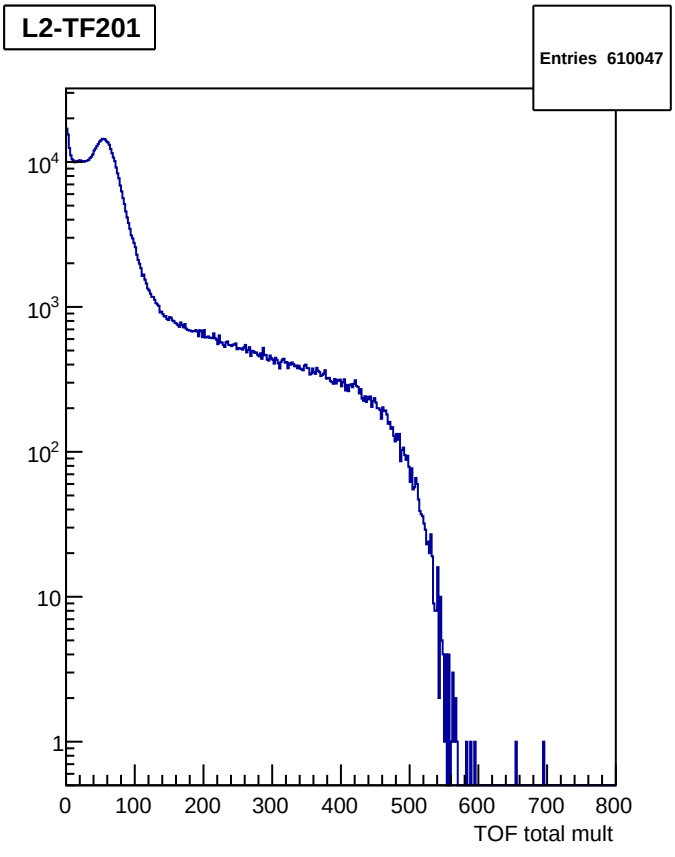

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

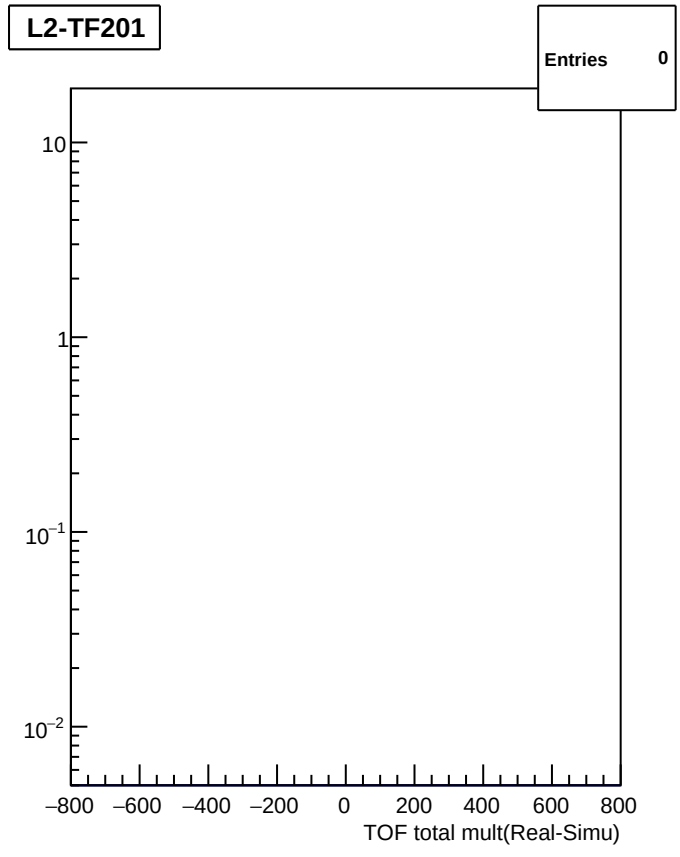

MIX-TF101
Entries 3660282
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

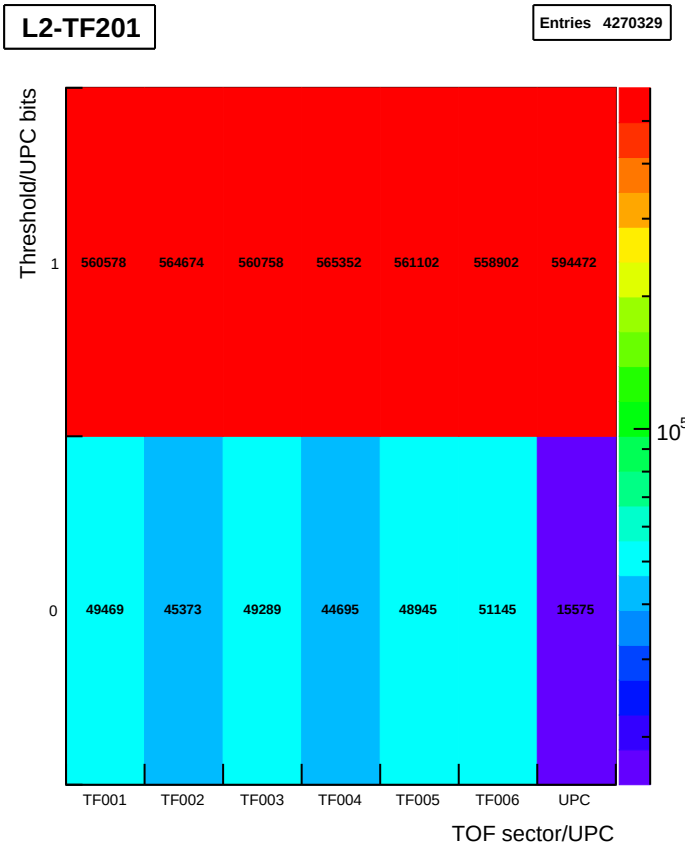

MIX-TF101
Entries 186675
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

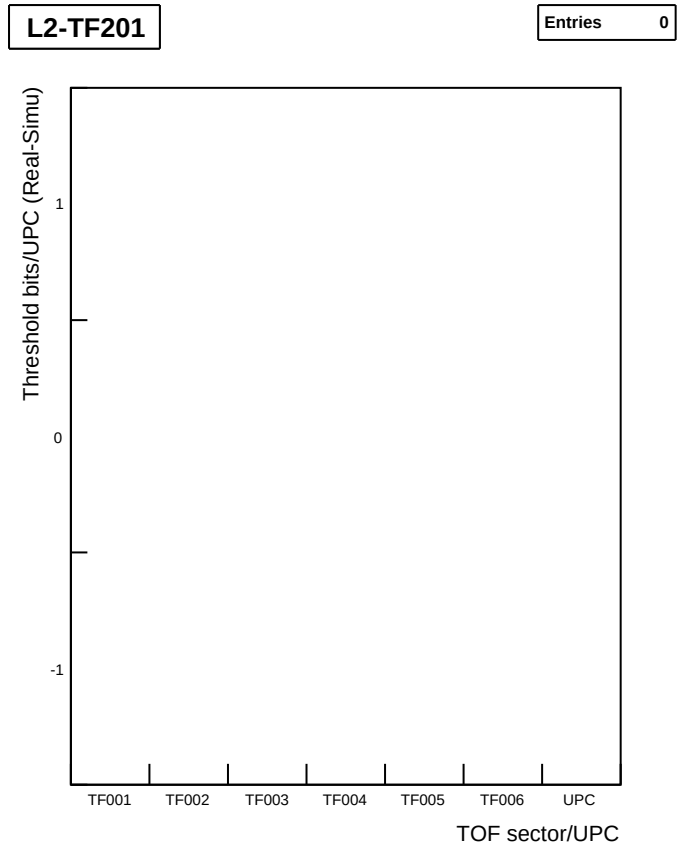

MIX-TF101
Entries 3660282
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

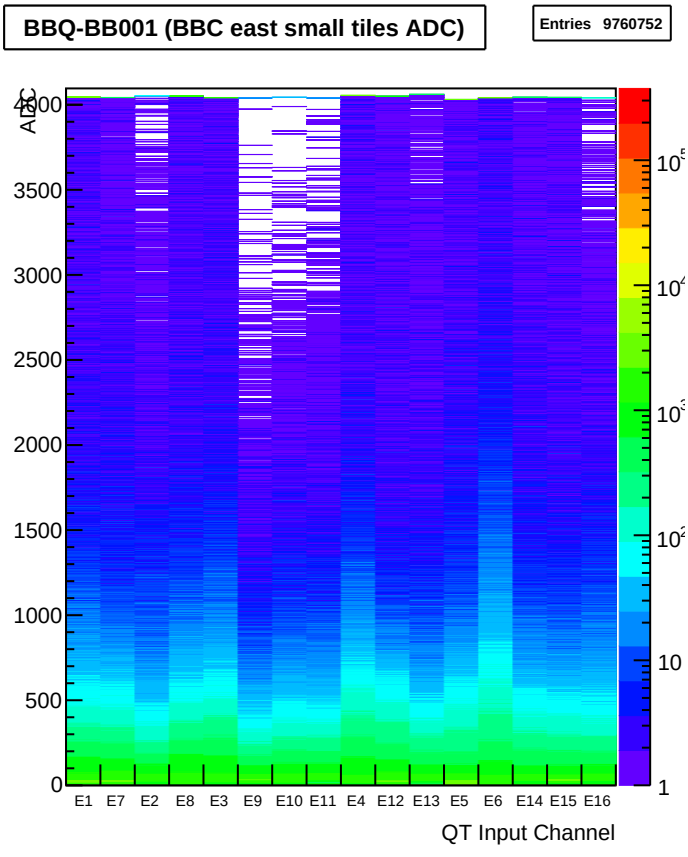

MIX-TF101
Entries 414731
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

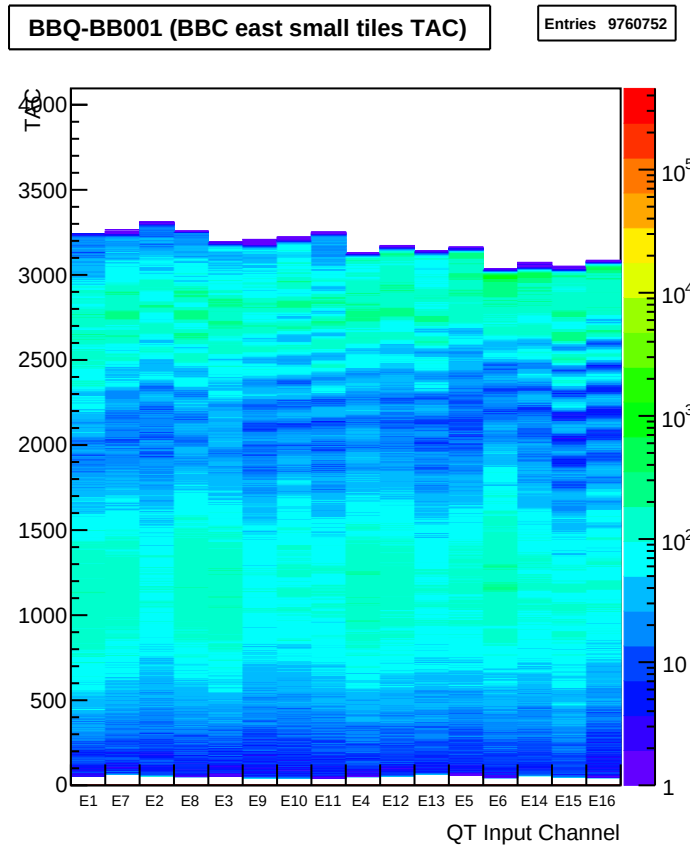

L2-TF201
Entries 610047
TOF total mult

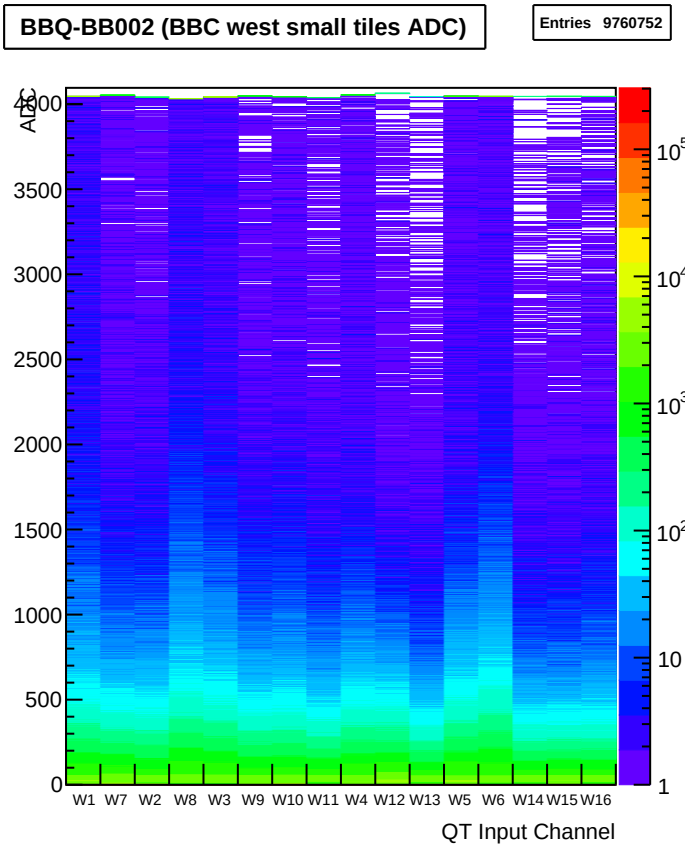

L2-TF201
Entries 0
TOF total mult(Real-Simu)

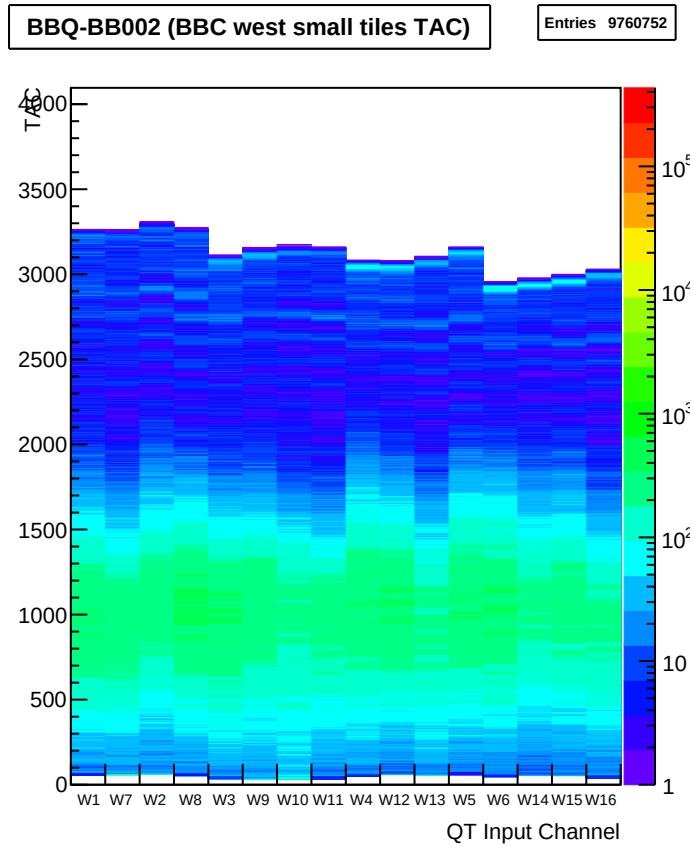

L2-TF201
Entries 4270329
Threshold/UPC bits
560578
564674
560758
565352
561102
558902
594472
49469
45373
49289
44695
48945
51145
15575
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

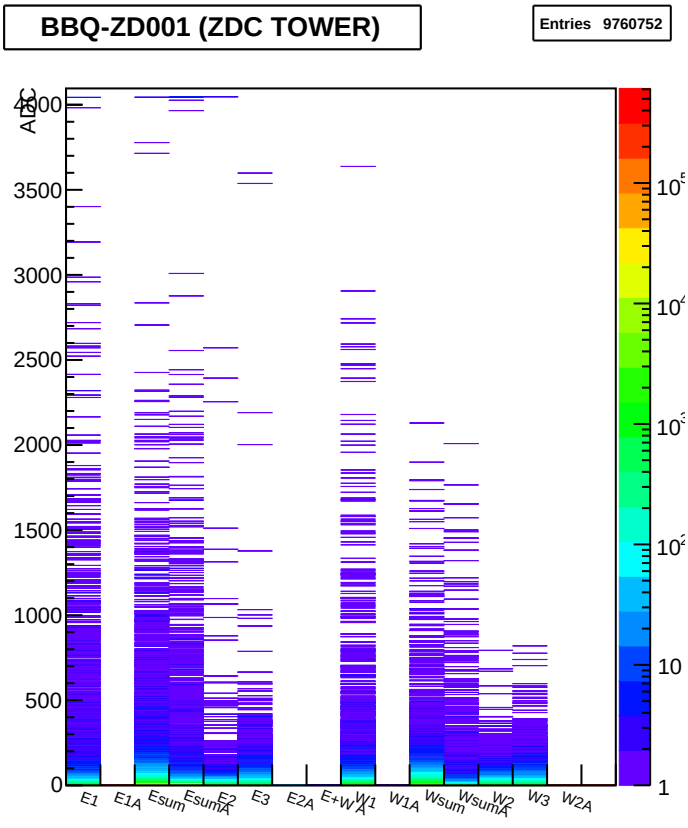

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

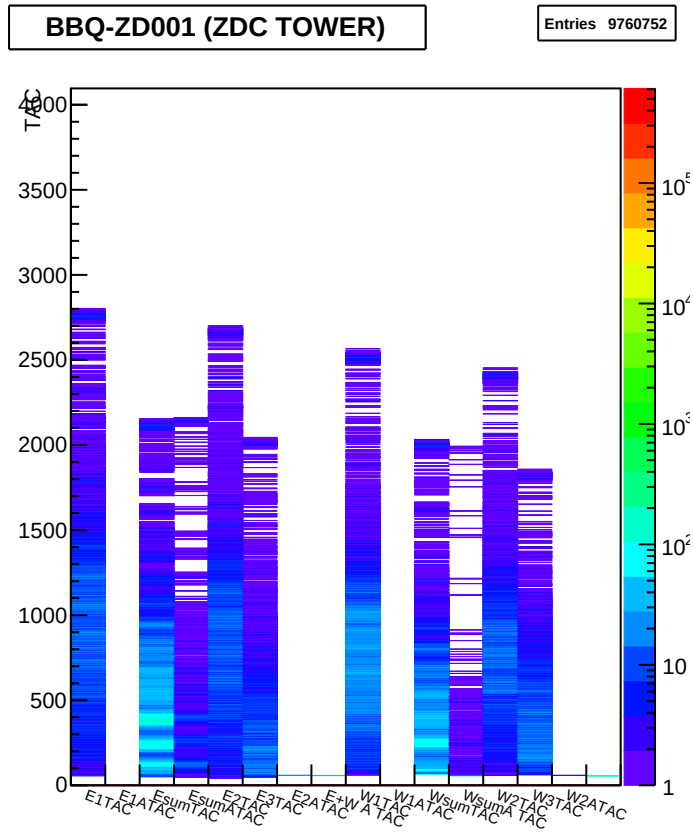

BBQ-BB001 (BBC east small tiles ADC)
Entries 9760752
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

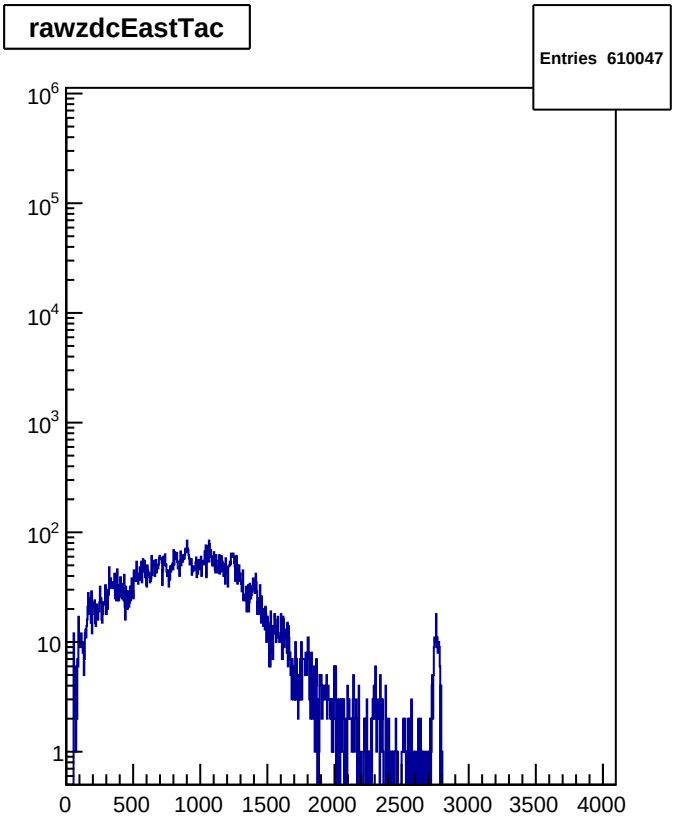

BBQ-BB001 (BBC east small tiles TAC)
Entries 9760752
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

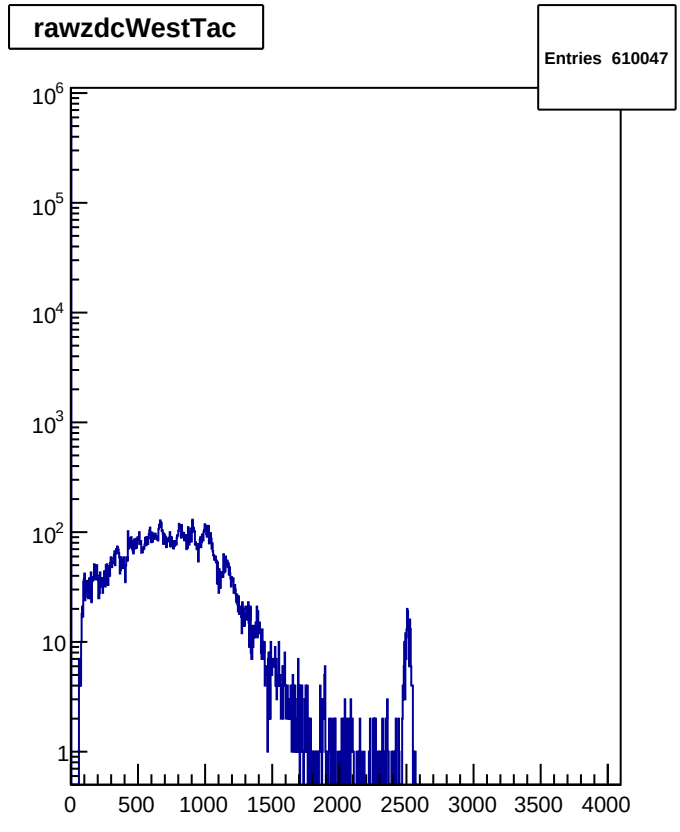

BBQ-BB002 (BBC west small tiles ADC)
Entries 9760752
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

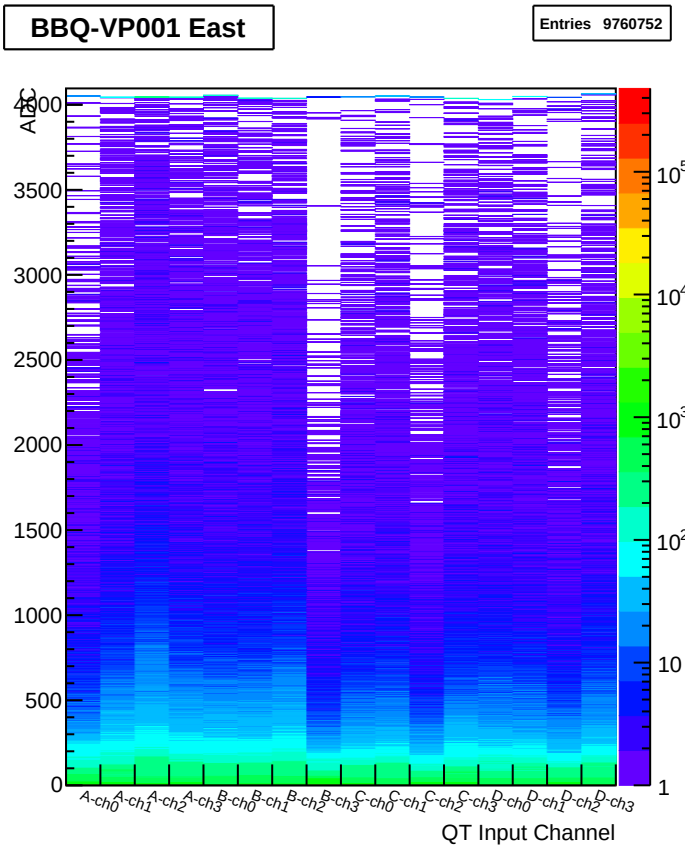

BBQ-BB002 (BBC west small tiles TAC)
Entries 9760752
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

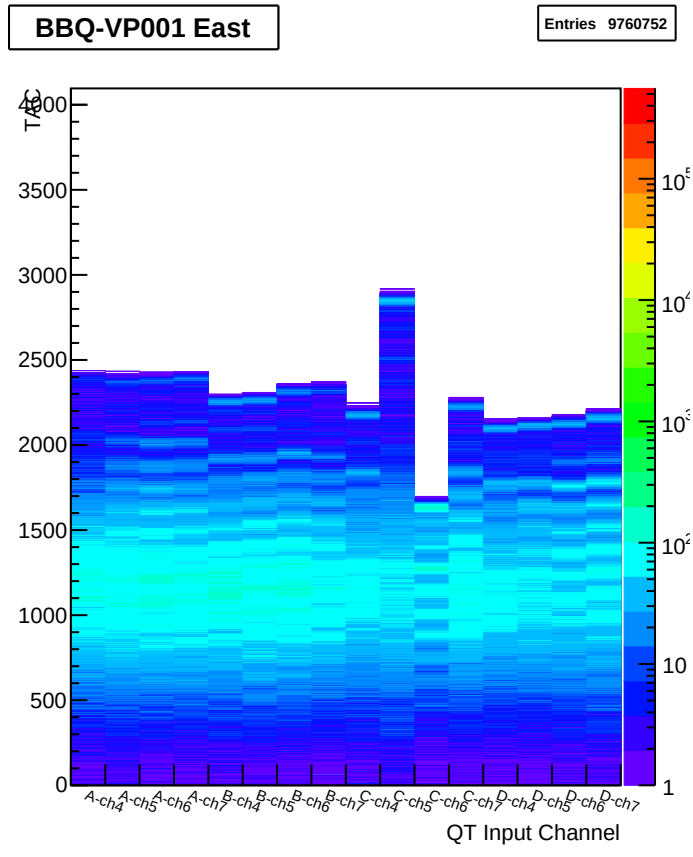

BBQ-ZD001 (ZDC TOWER)
Entries 9760752
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

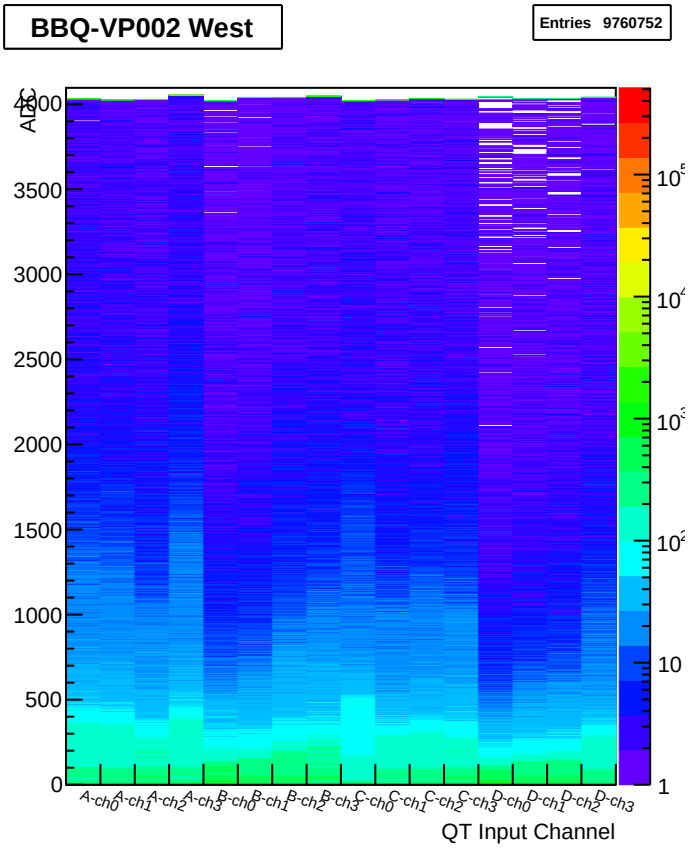

BBQ-ZD001 (ZDC TOWER)
Entries 9760752
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

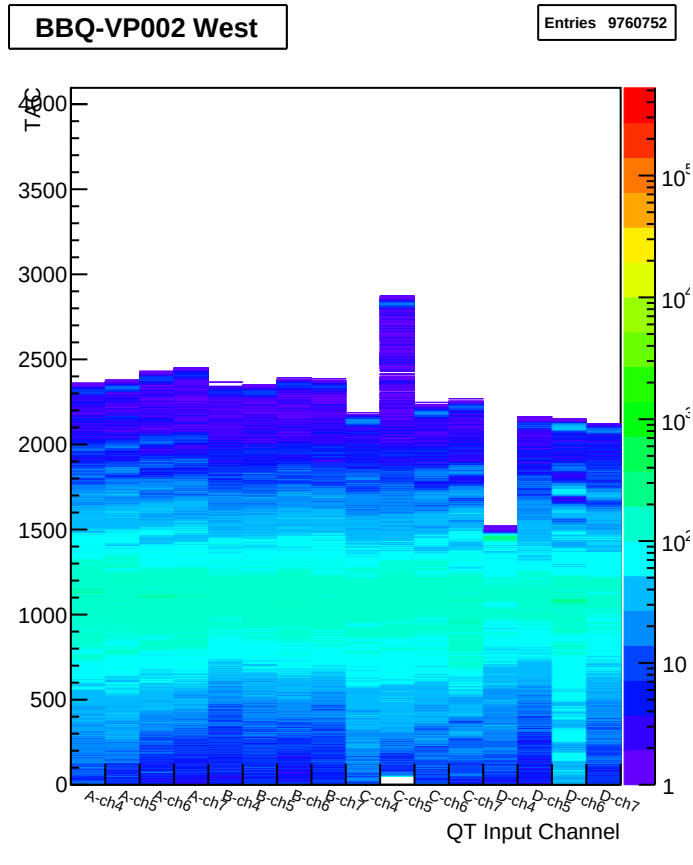

rawzdcEastTac
Entries 610047

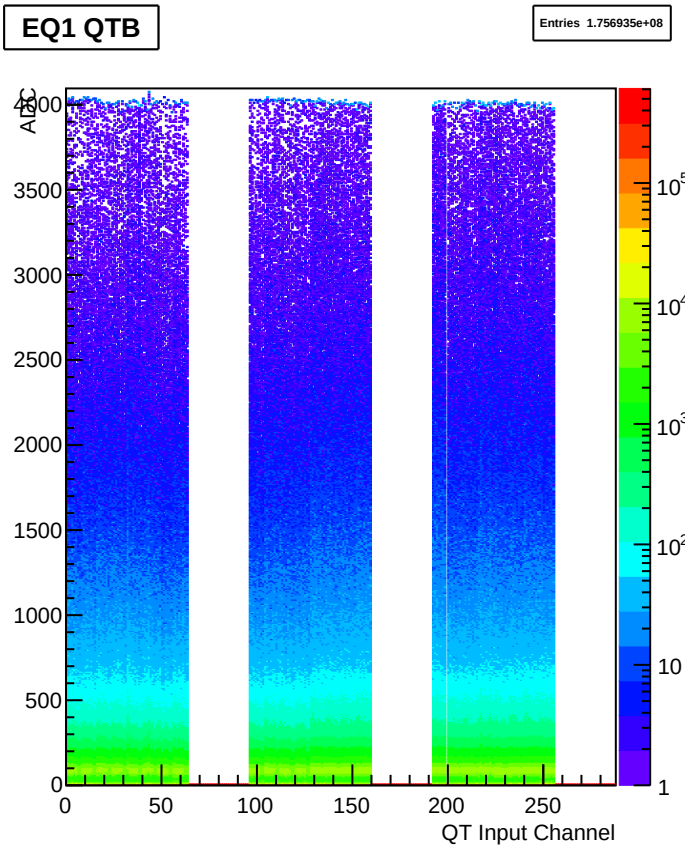

rawzdcWestTac
Entries 610047

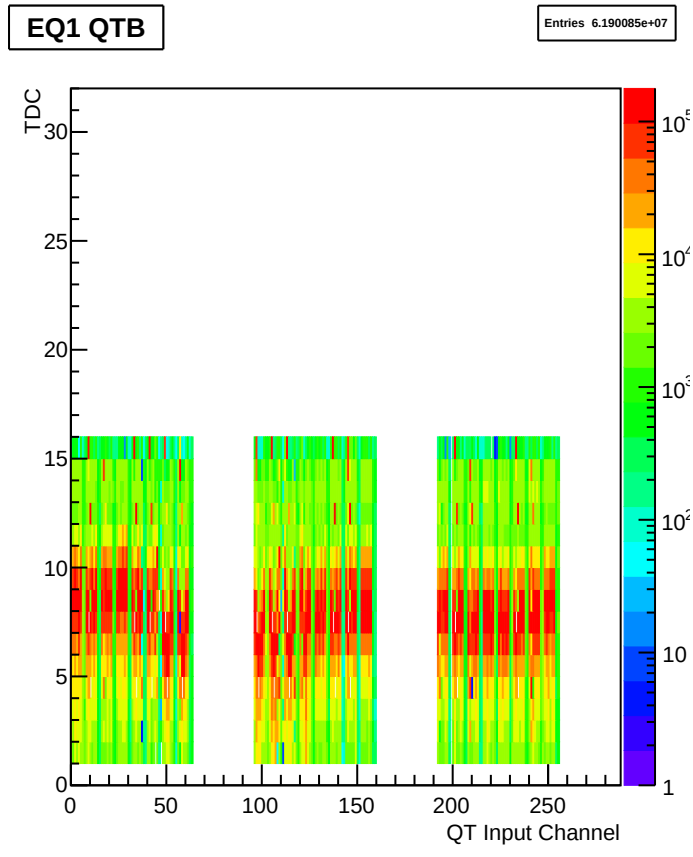

BBQ-VP001 East
Entries 9760752
ADC
QT Input Channel

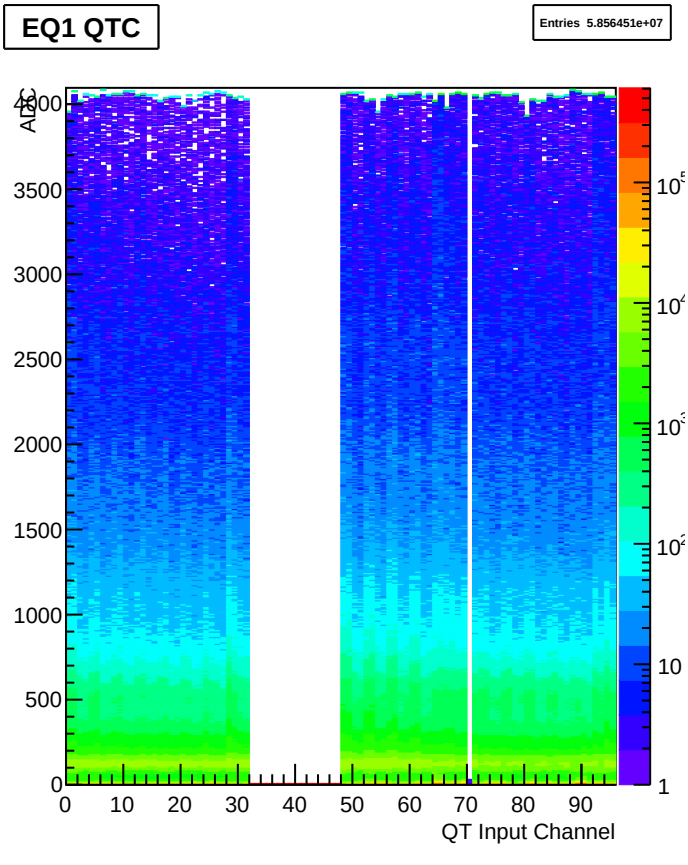

BBQ-VP001 East
Entries 9760752
ADC
QT Input Channel

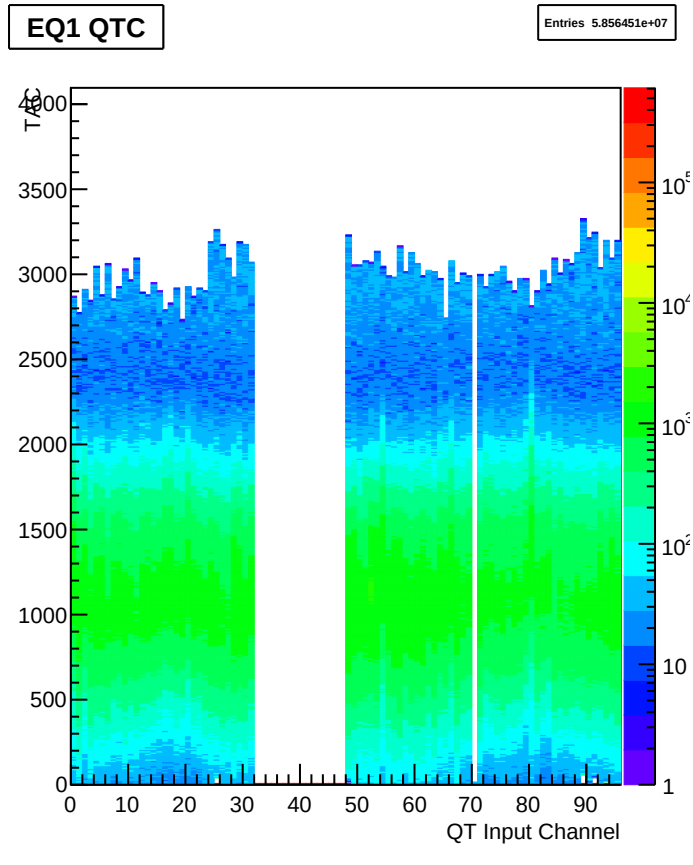

BBQ-VP002 West
Entries 9760752
ADC
QT Input Channel

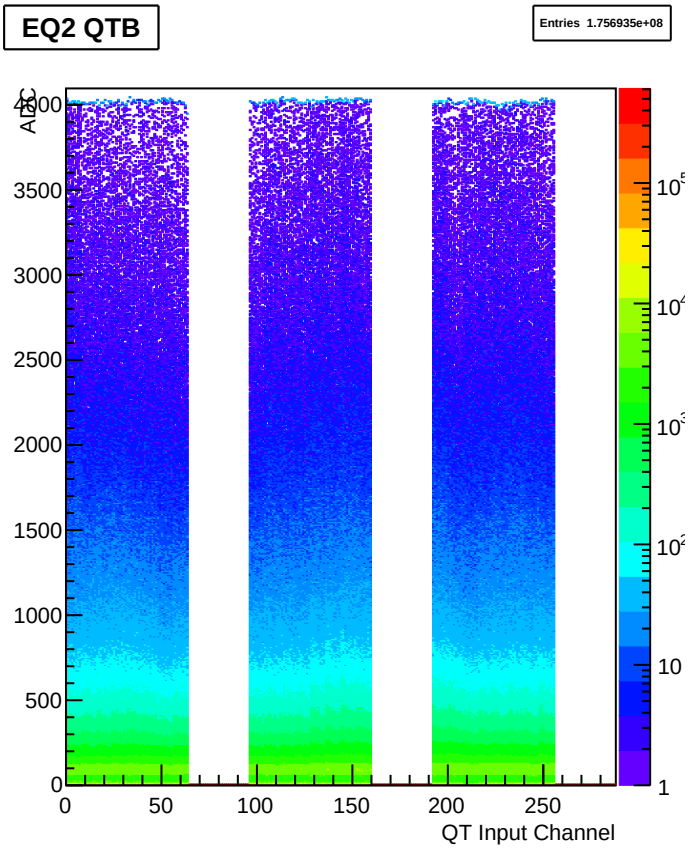

BBQ-VP002 West
Entries 9760752
ADC
QT Input Channel

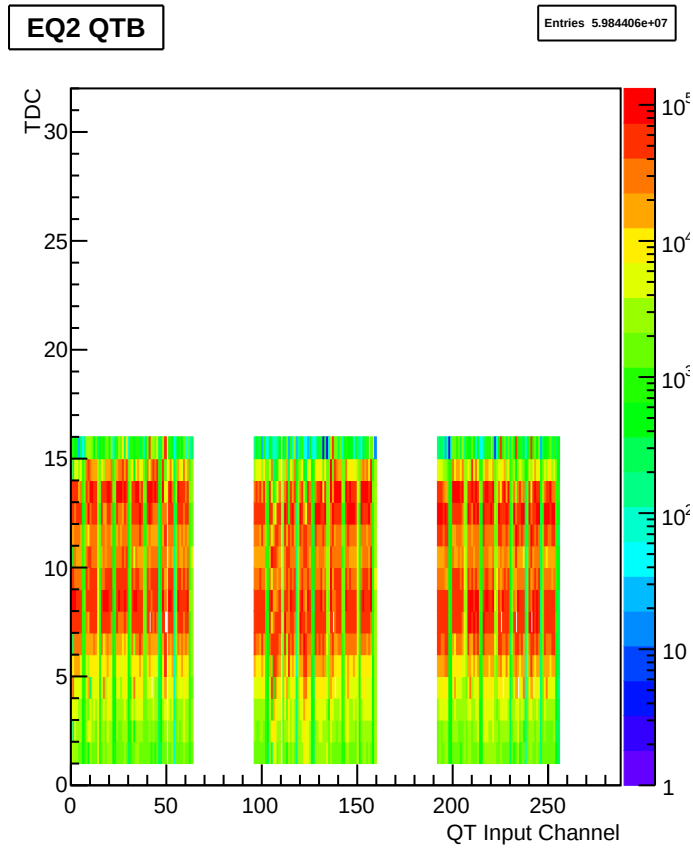

EQ1 QTB
Entries 1.756935e+08
ADC
QT Input Channel

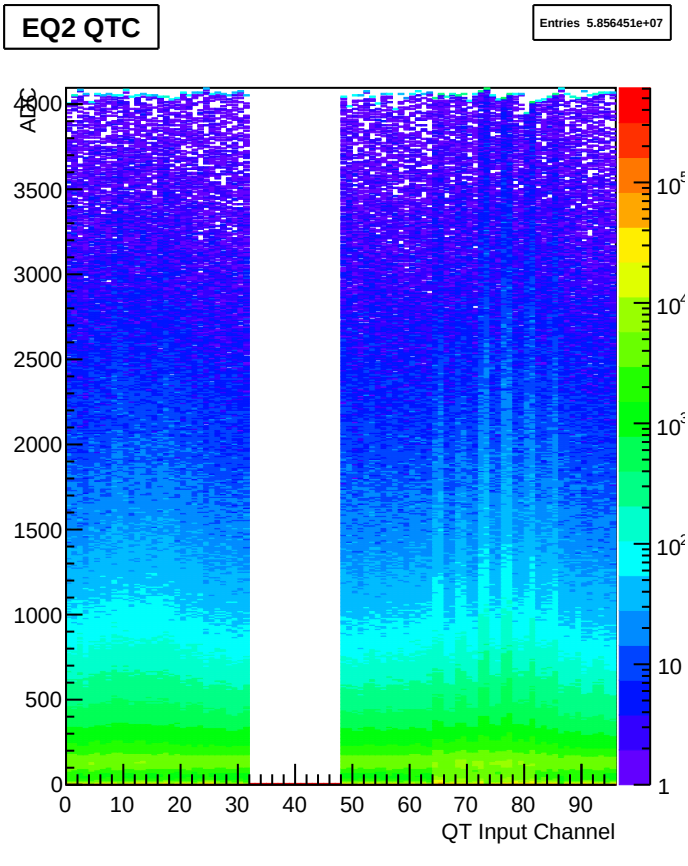

EQ1 QTB
Entries 6.190085e+07
TDC
QT Input Channel

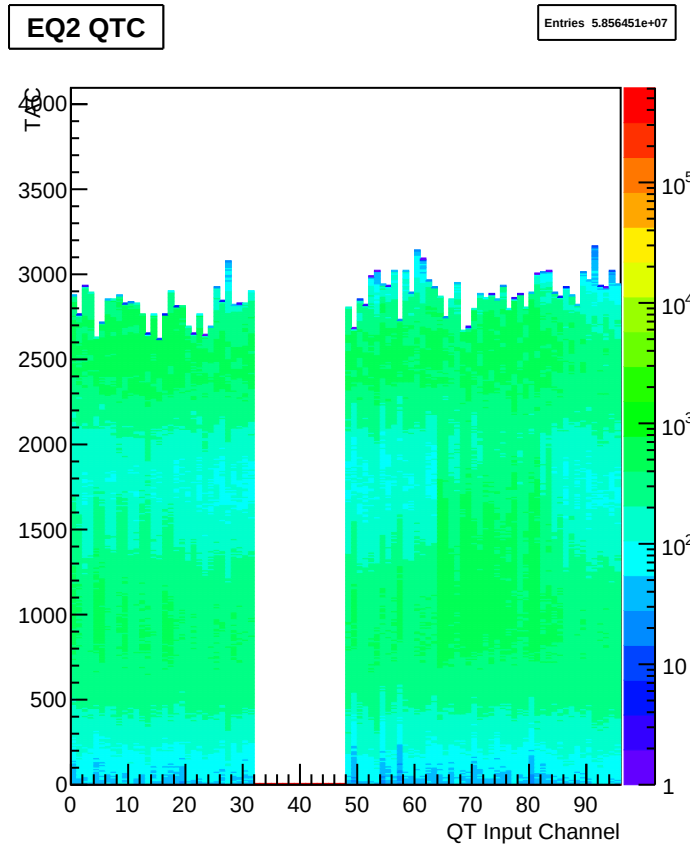

EQ1 QTC
Entries 5.856451e+07
ADC
QT Input Channel

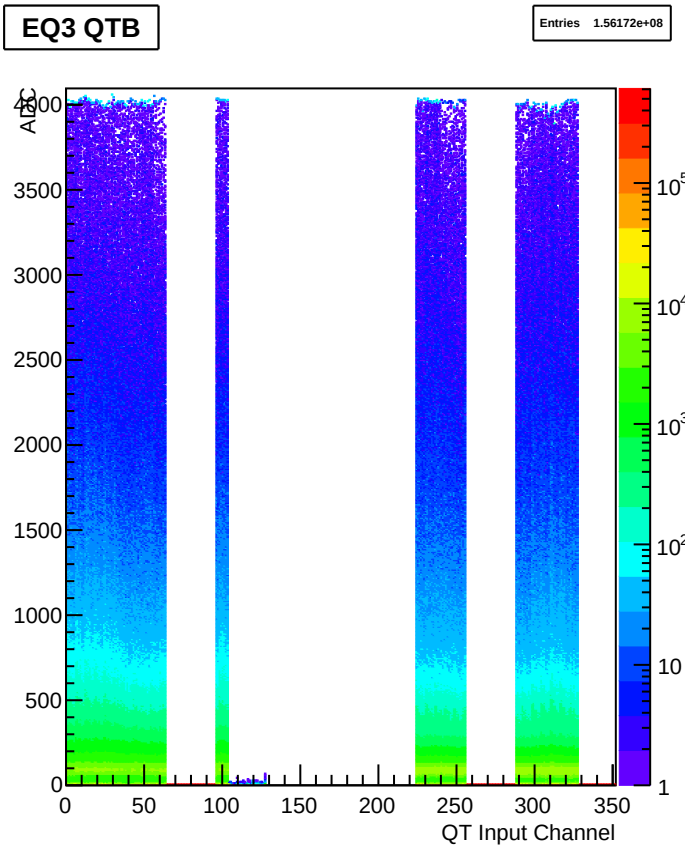

EQ1 QTC
Entries 5.856451e+07
TADC
QT Input Channel

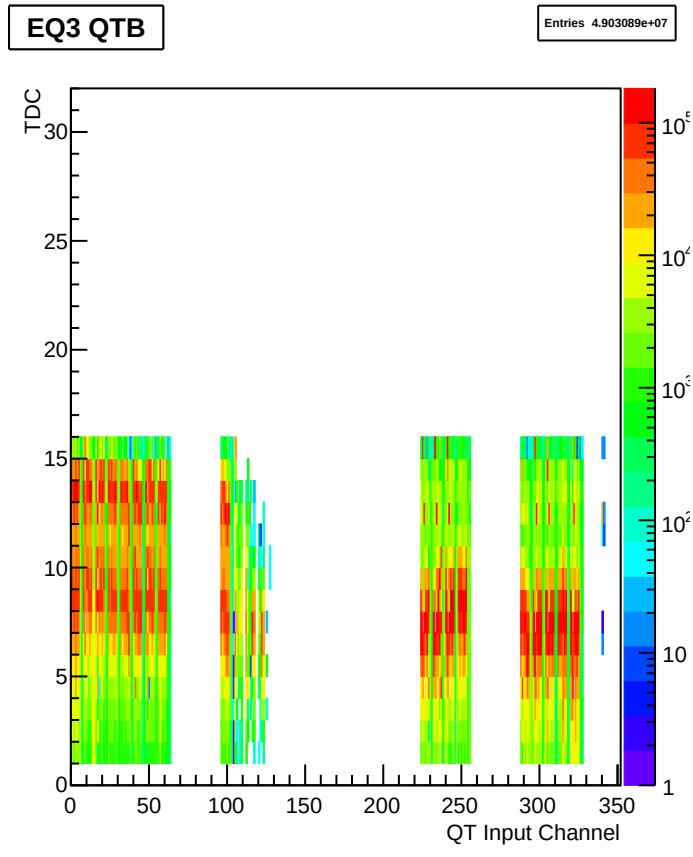

EQ2 QTB
Entries 1.756935e+08
ADC
QT Input Channel

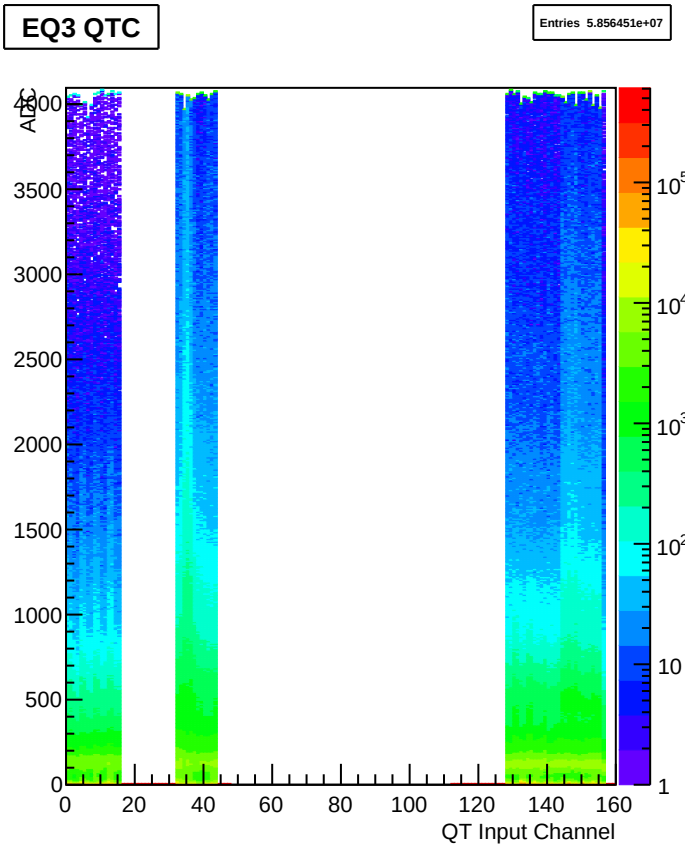

EQ2 QTB
Entries 5.984406e+07
TDC
QT Input Channel

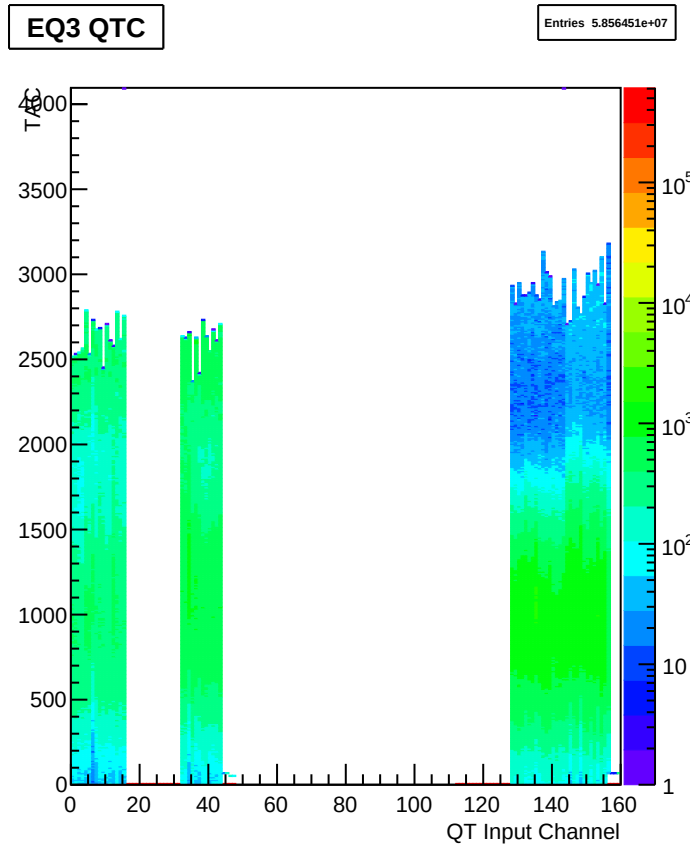

EQ2 QTC
Entries 5.856451e+07
ADC
QT Input Channel

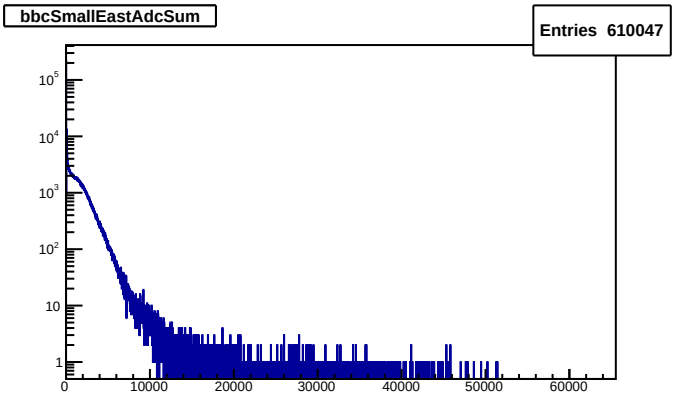

EQ2 QTC
Entries 5.856451e+07
TADC
QT Input Channel

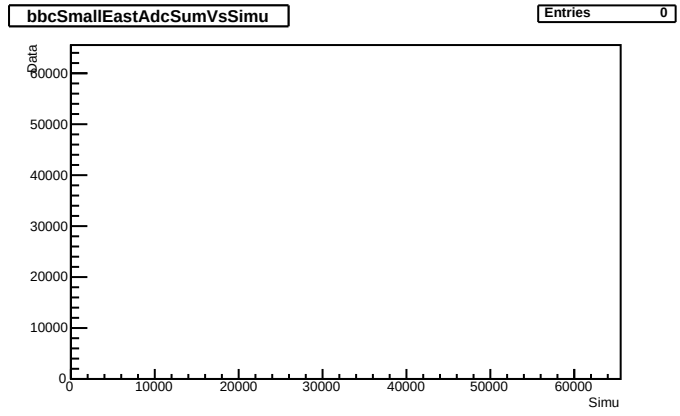

EQ3 QTB
Entries 1.56172e+08
ADC
QT Input Channel

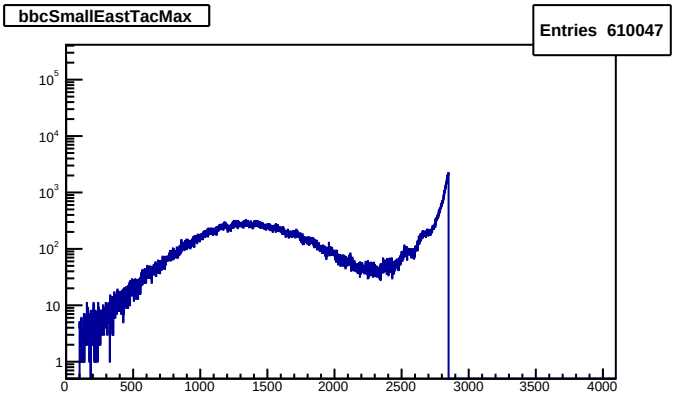

EQ3 QTB
Entries 4.903089e+07
TDC
QT Input Channel


EQ3 QTC
Entries 5.856451e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.856451e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 610047


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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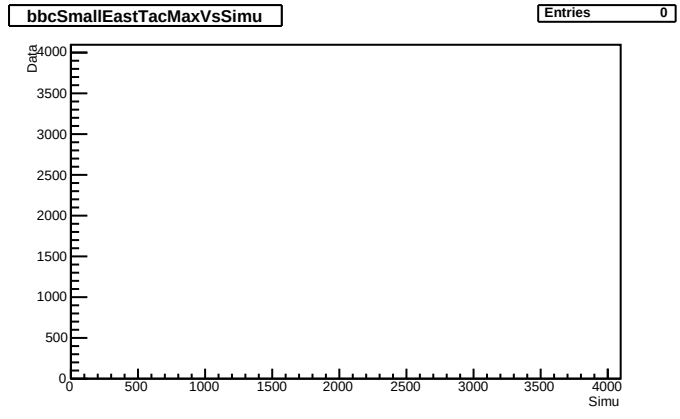
Entries 610047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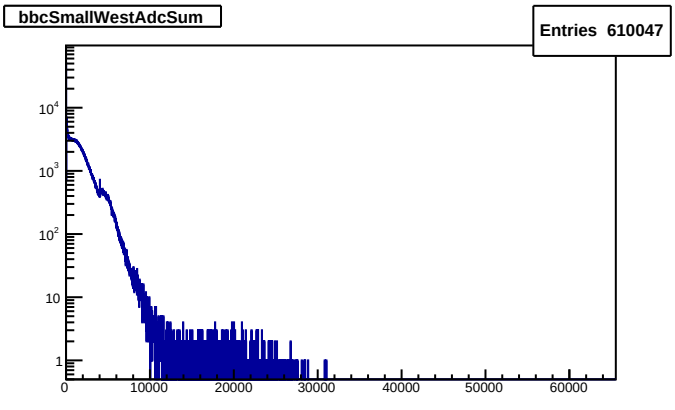
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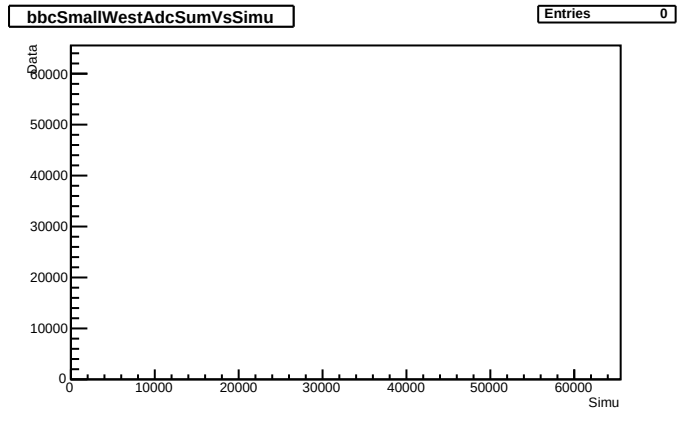
Entries 610047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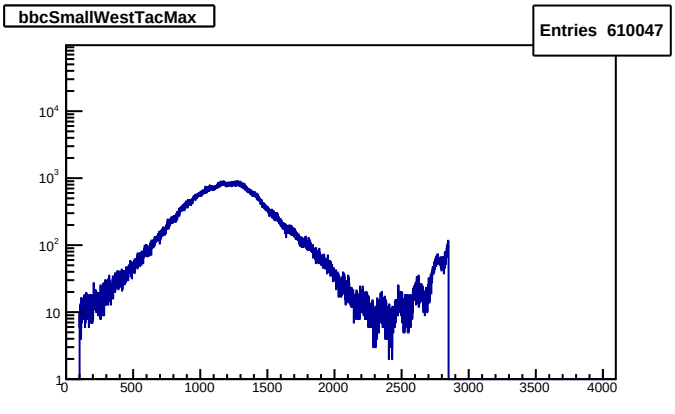
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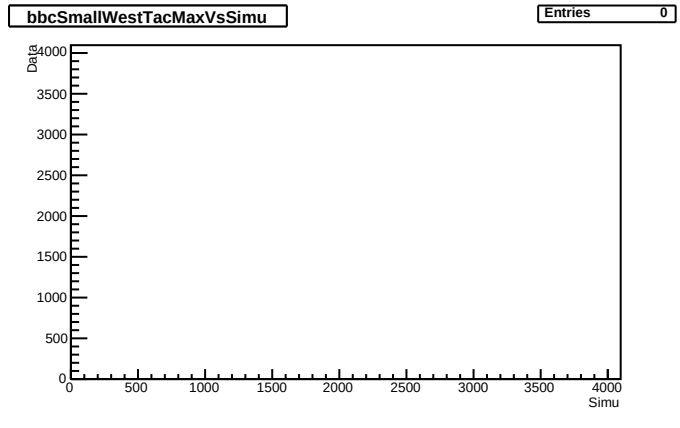
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Entries 0
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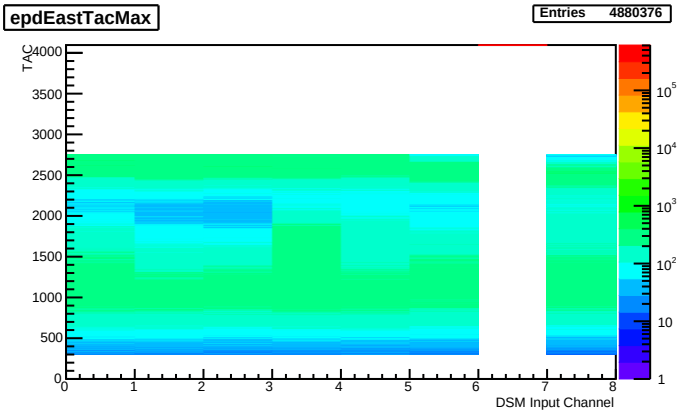
Simu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Entries 4880376
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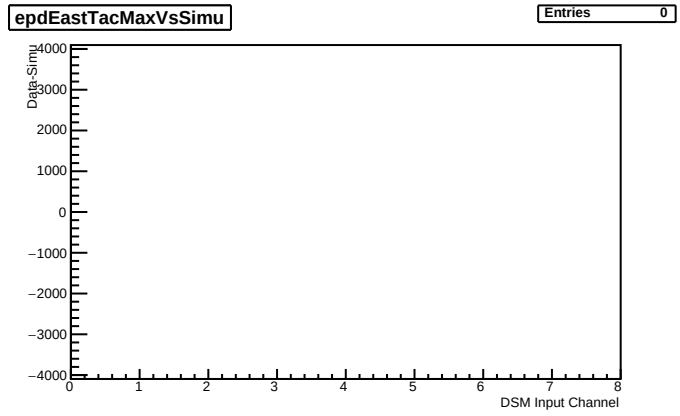
DSM Input Channel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Entries 0
Data-Simu
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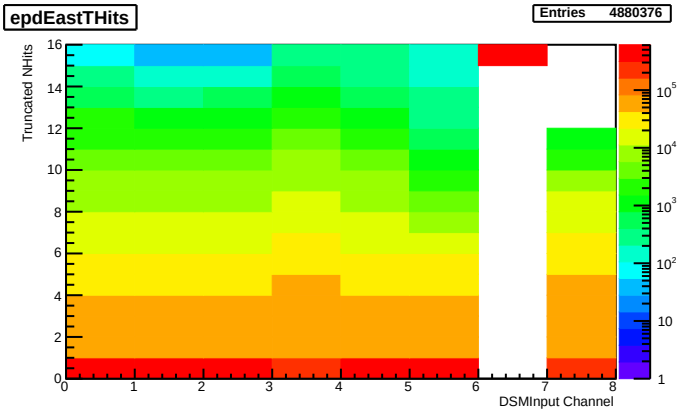
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Entries 4880376
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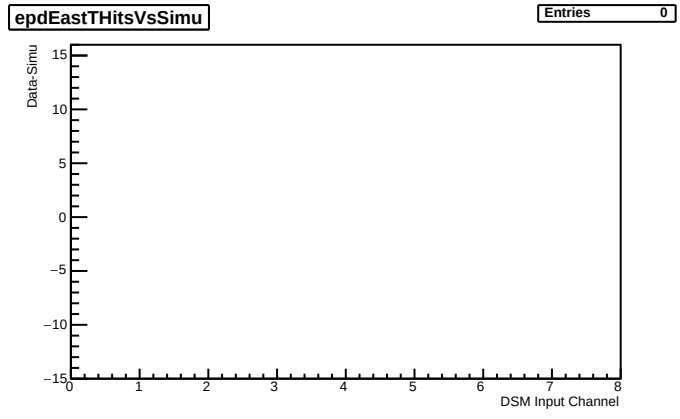
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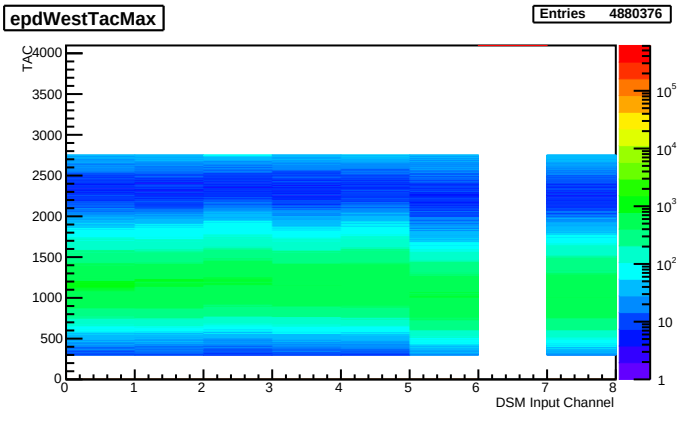
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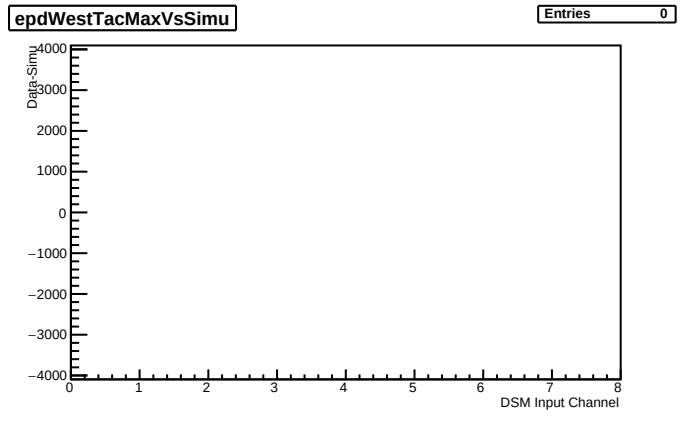
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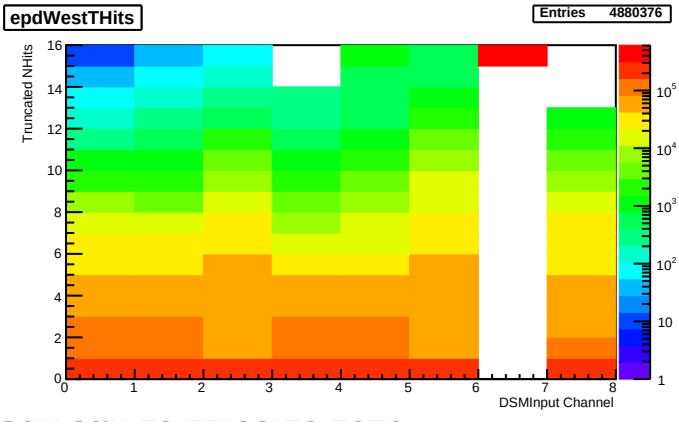
DSM Input Channel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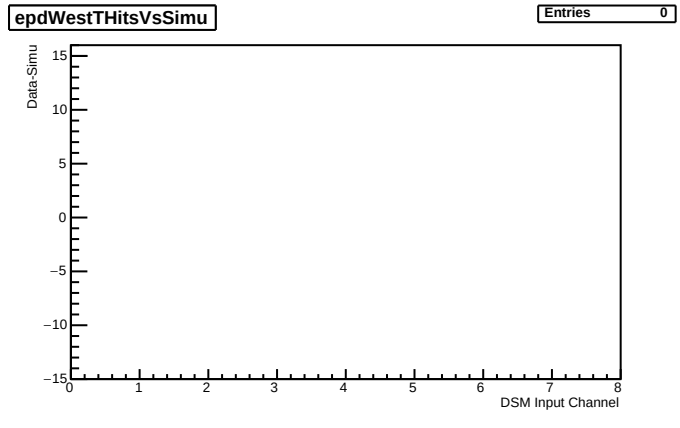
DSMInput Channel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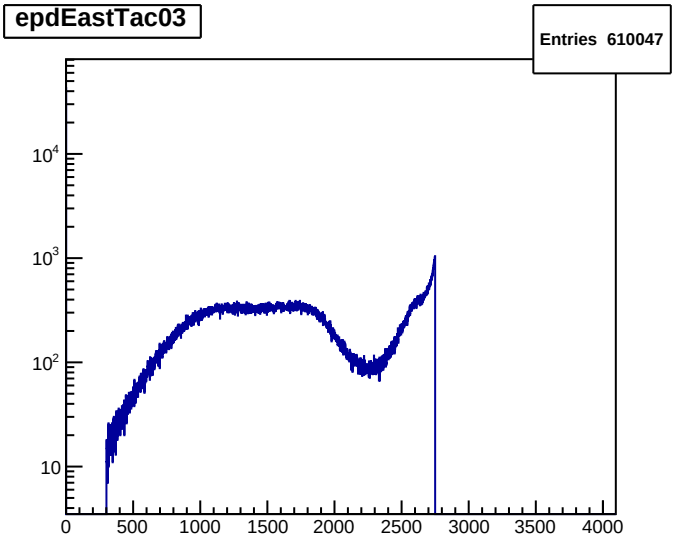
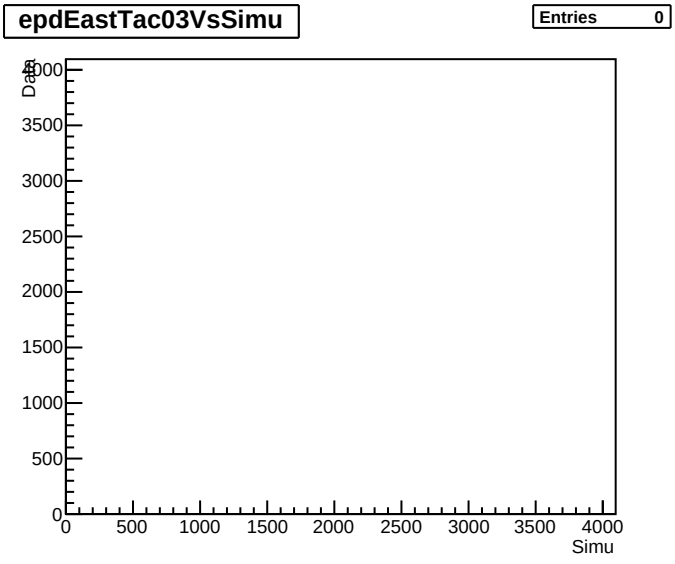
DSM Input Channel


epdEastTac03
Entries 610047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Data
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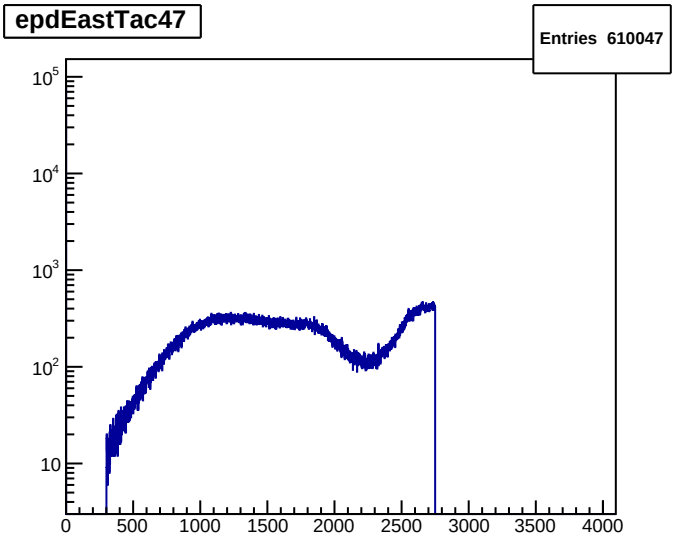
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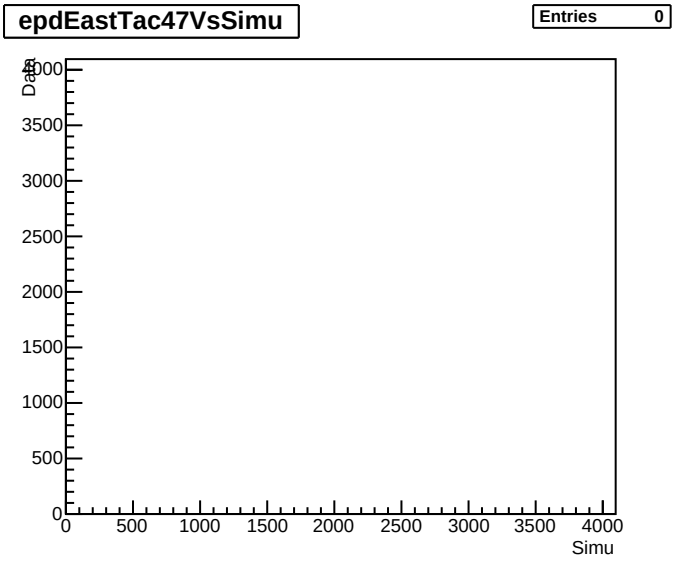
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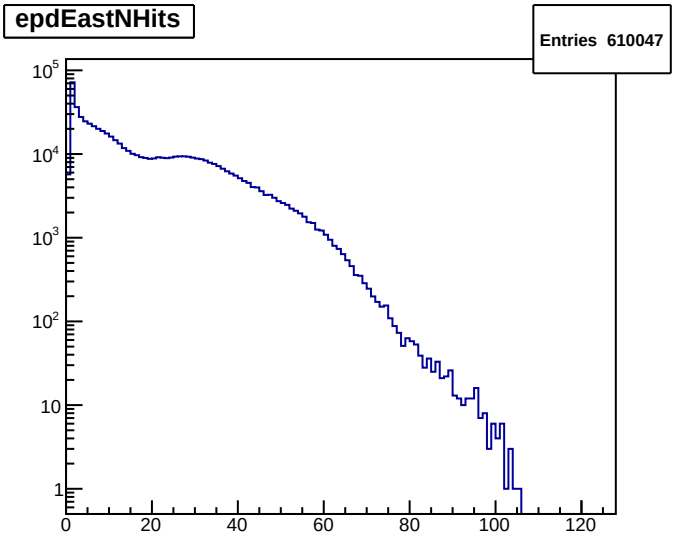
Entries 0
Data
Simu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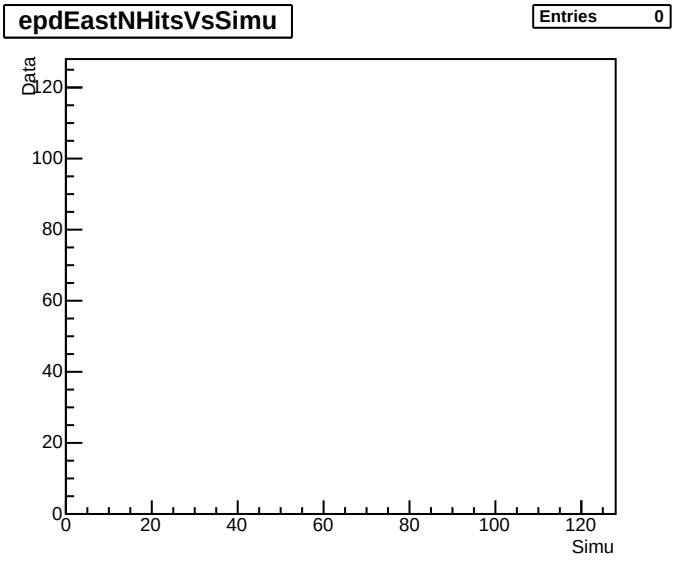
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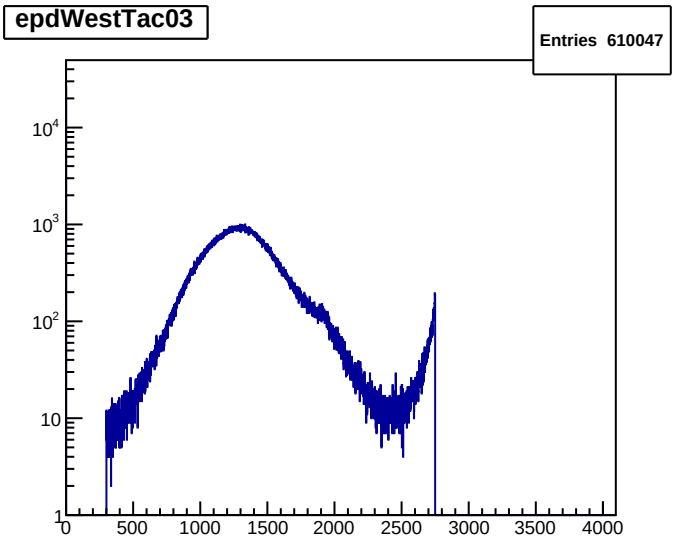
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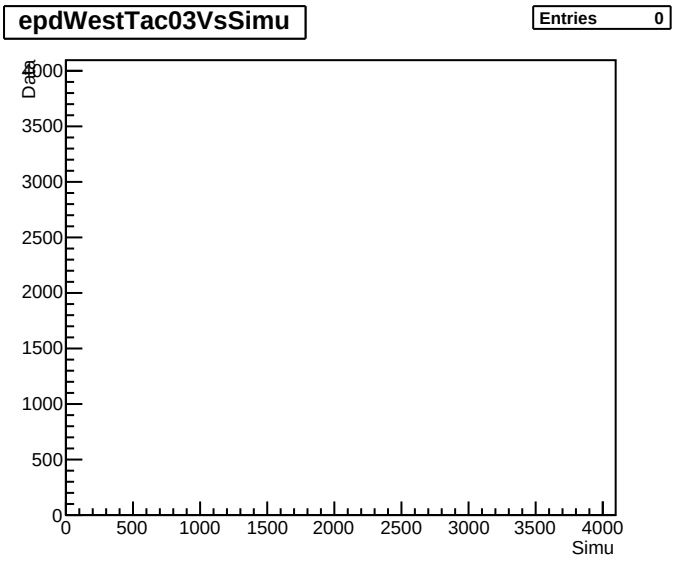
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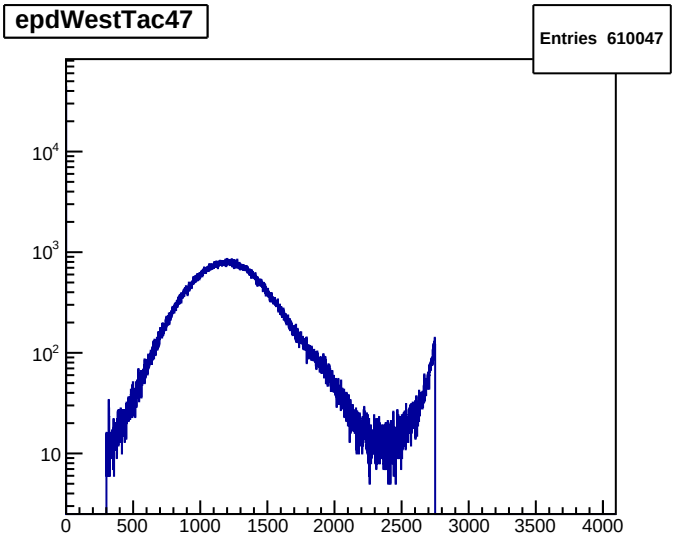
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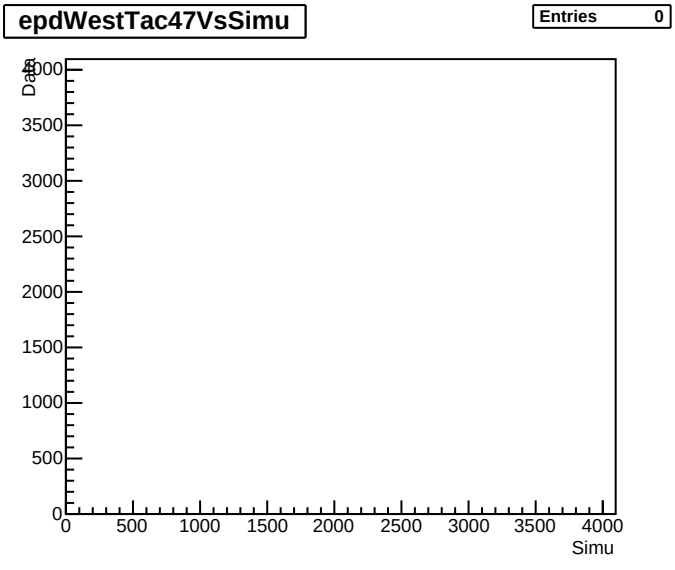
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Entries 0
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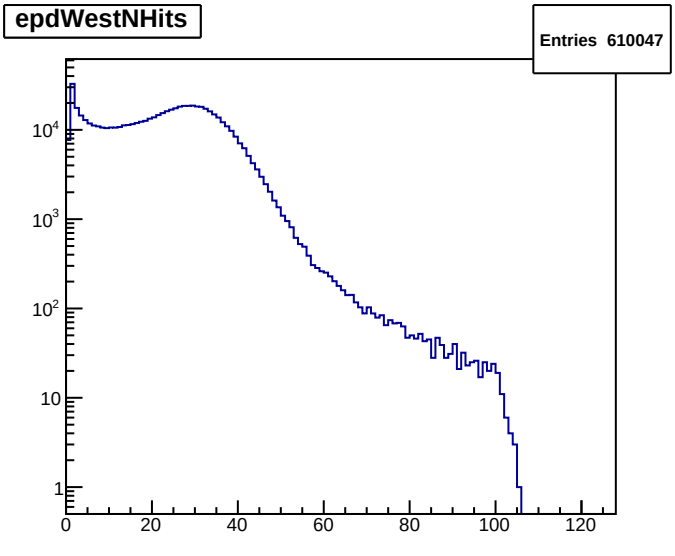
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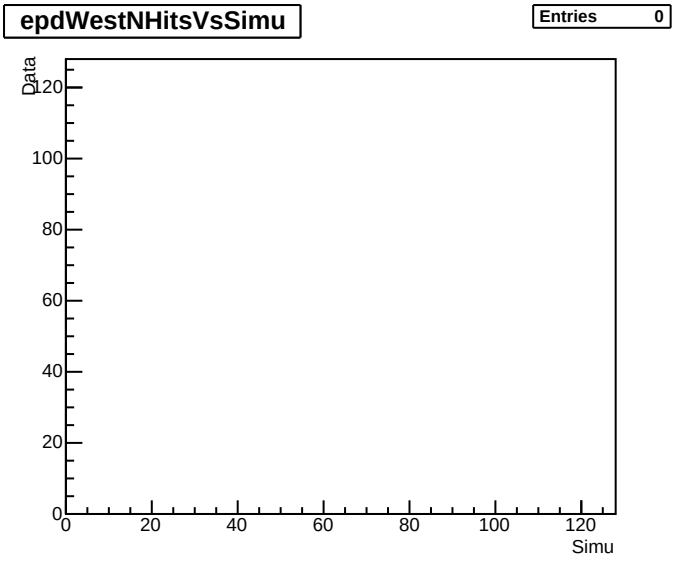
Entries 610047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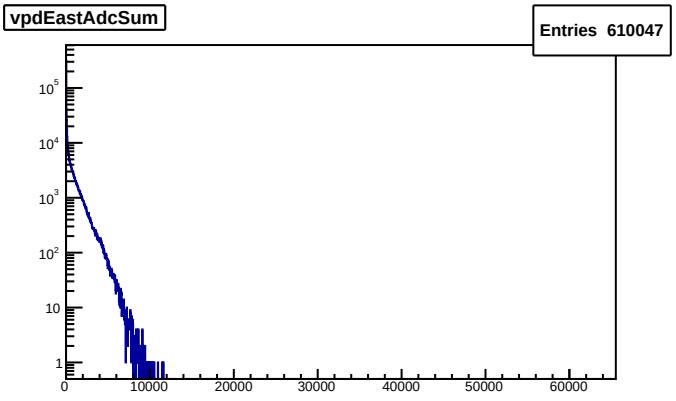
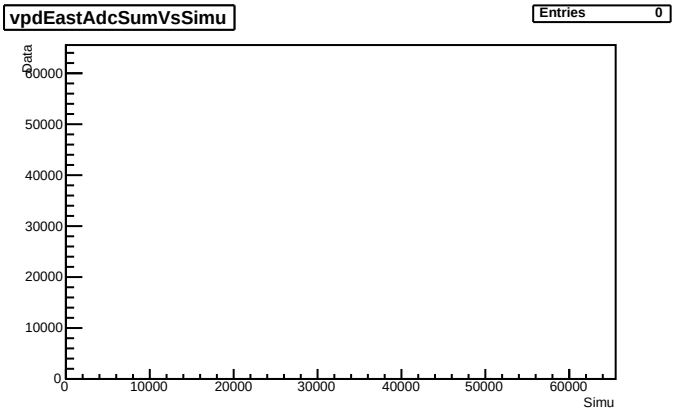
Entries 0
Data
Simu


vpdEastAdcSum
Entries 610047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Entries 0
Data
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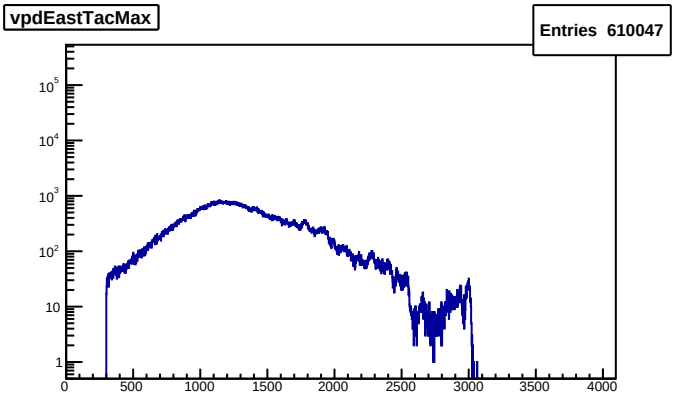
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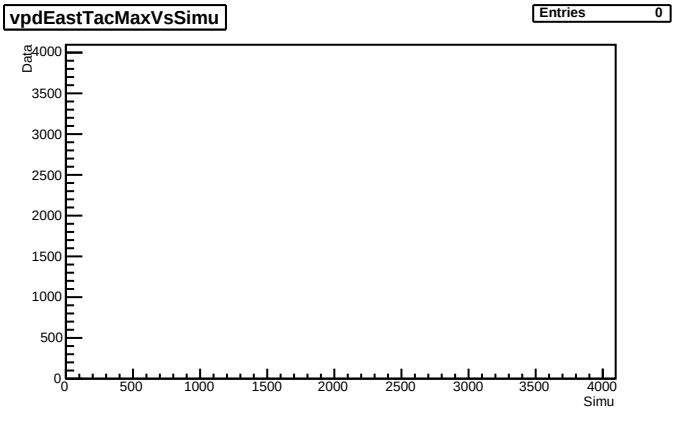
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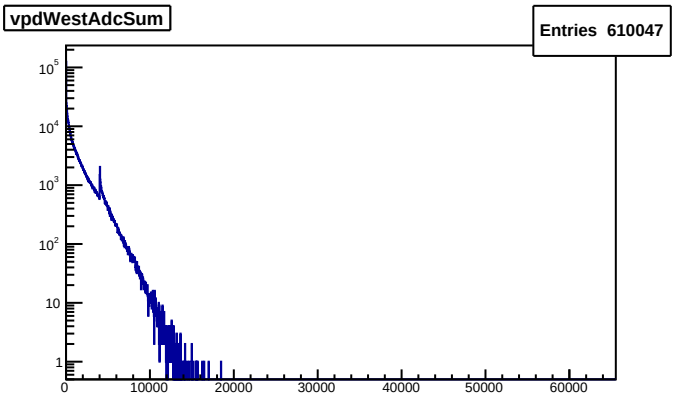
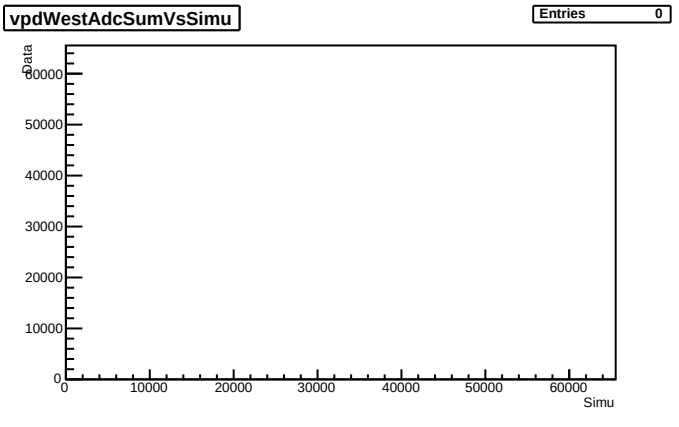
Entries 0
Data
Simu


vpdWestAdcSum
Entries 610047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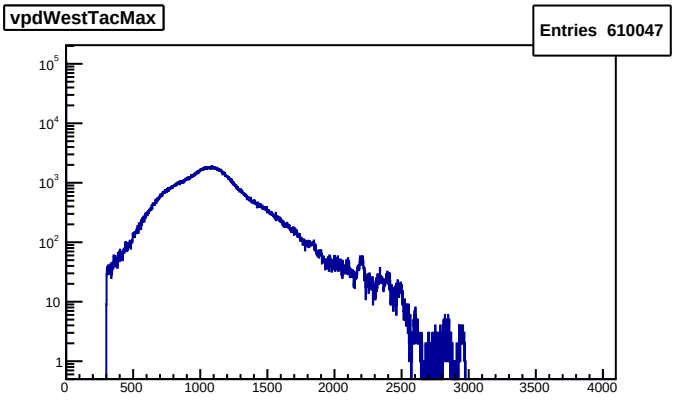
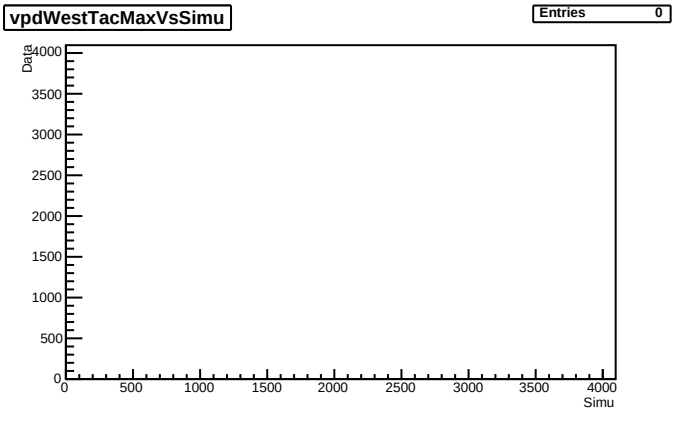
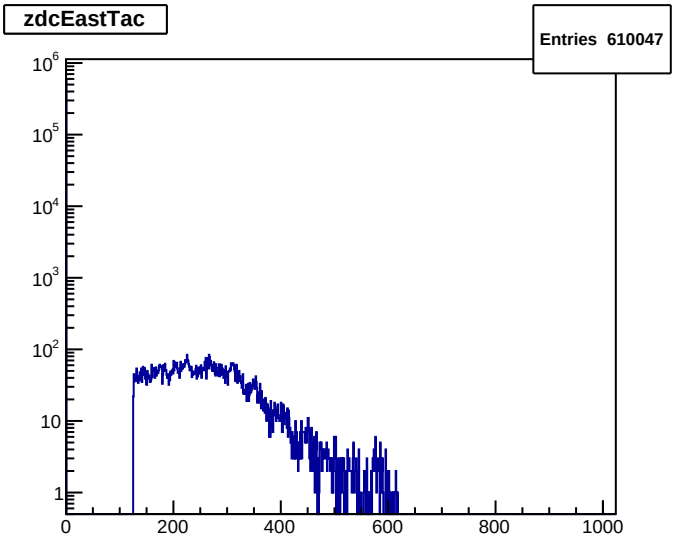
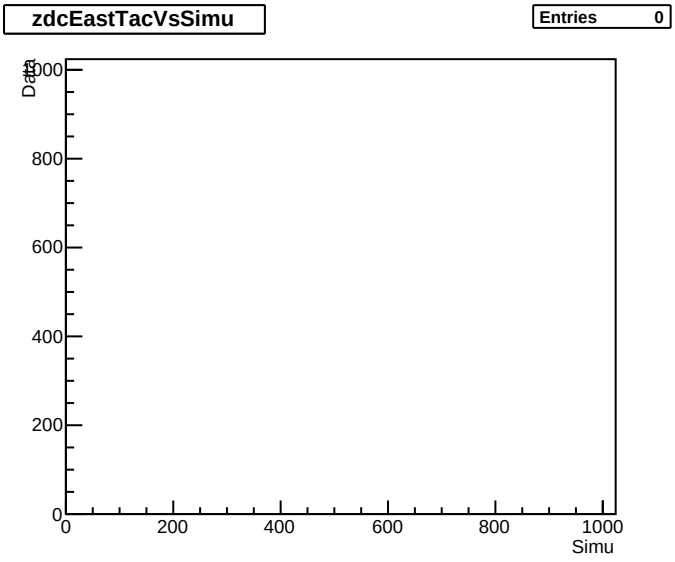

vpdWestTacMax
Entries 610047


vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 610047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Entries 0
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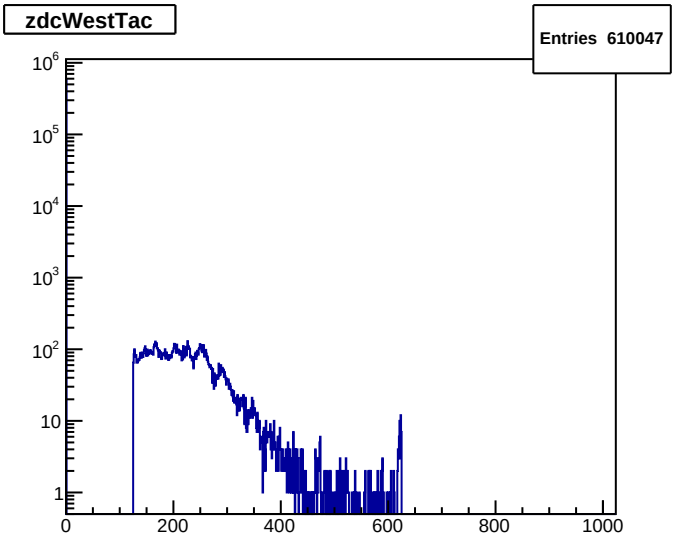
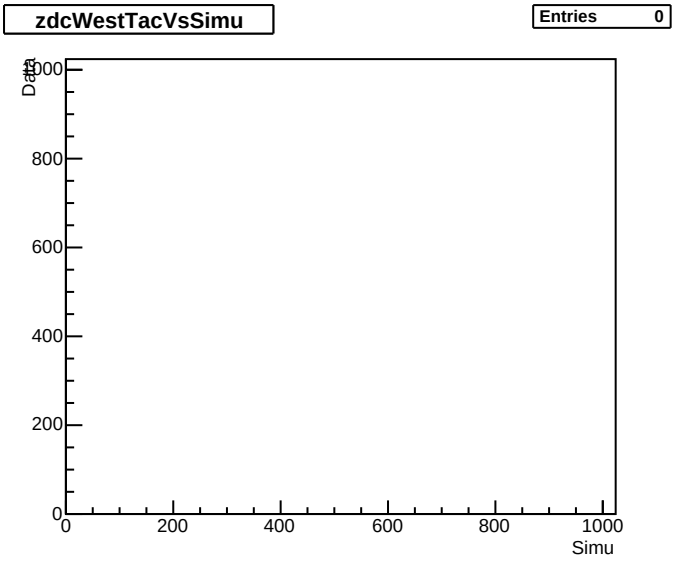
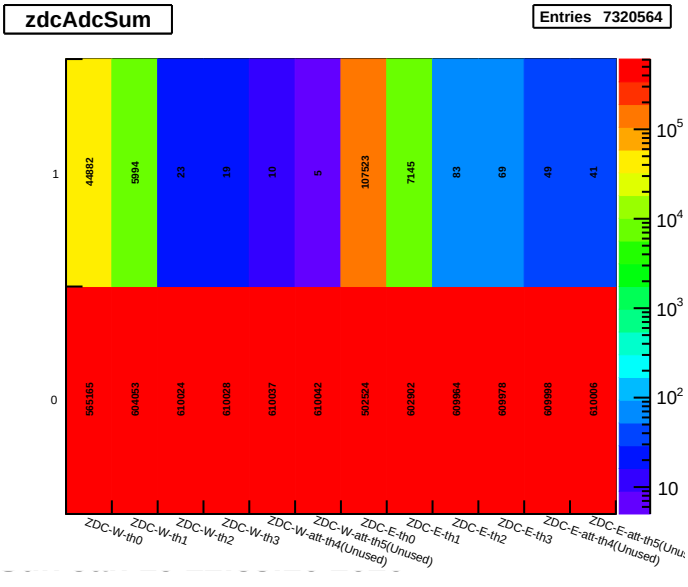
Simu


zdcWestTac
Entries 610047


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 7320564
44882
5994
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7145
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69
49
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565165
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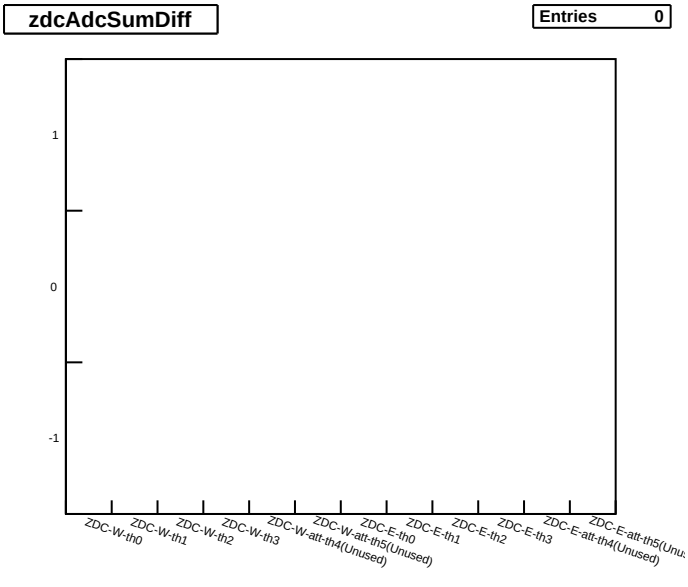
610024
610028
610037
610042
502524
602902
609964
609978
609998
610006
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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)
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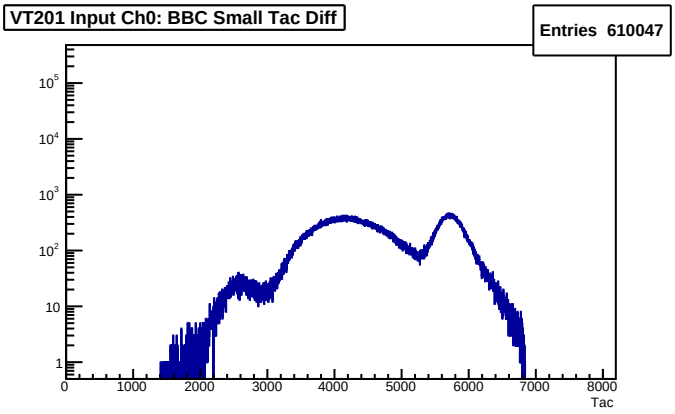
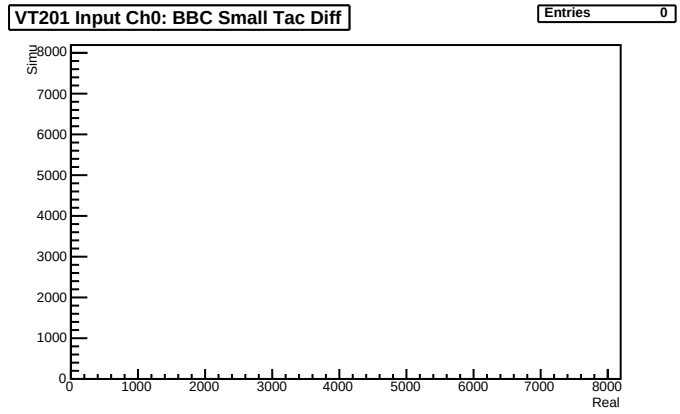
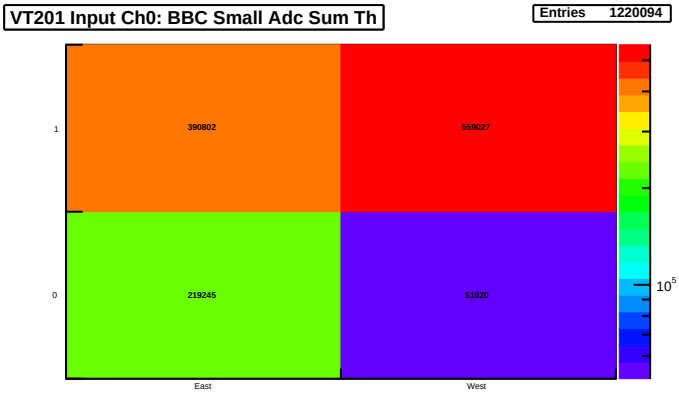
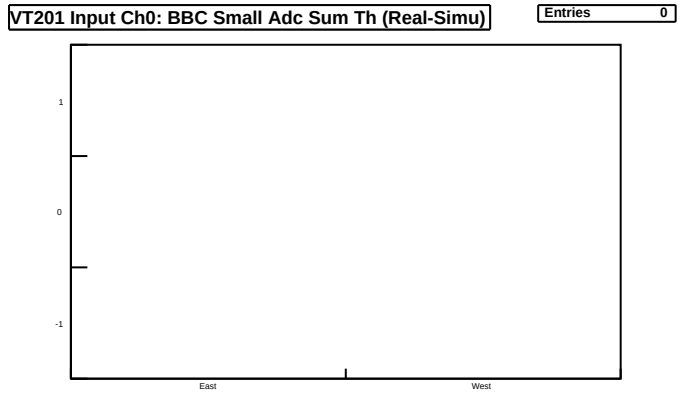
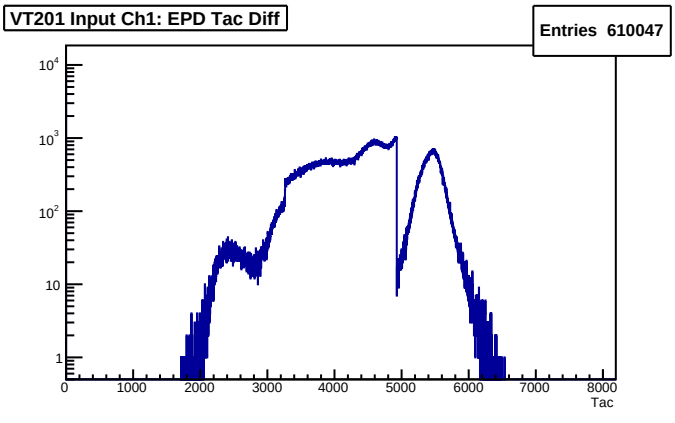
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

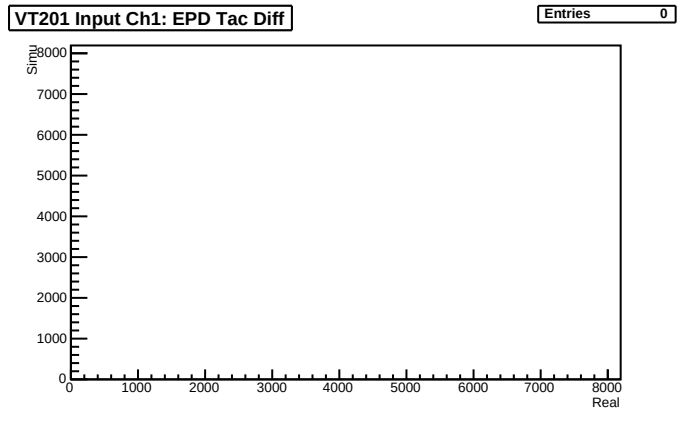

VT201 Input Ch0: BBC Small Tac Diff
Entries 610047
Tac

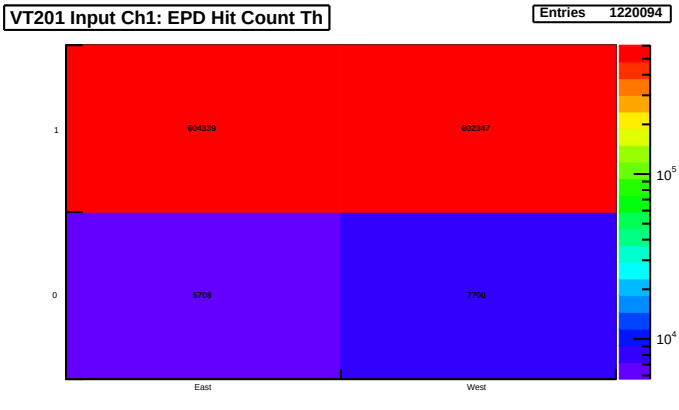

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

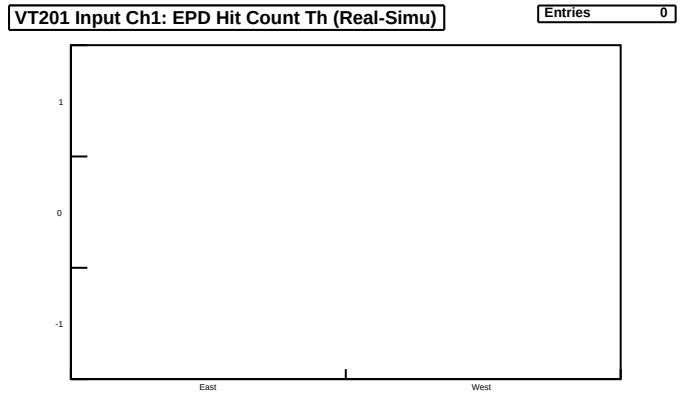

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1220094
390802
559027
219245
51020
East
West

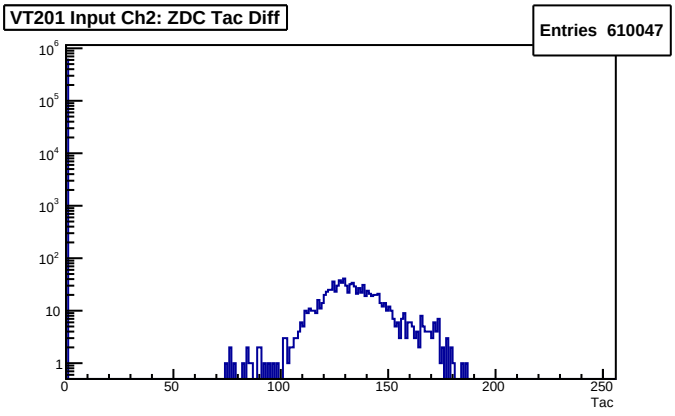

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

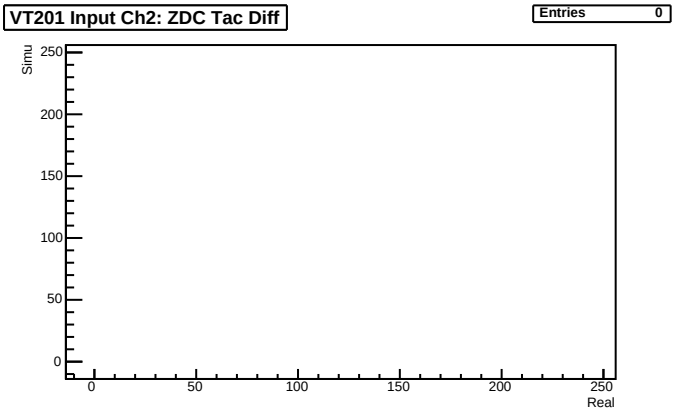

VT201 Input Ch1: EPD Tac Diff
Entries 610047
Tac

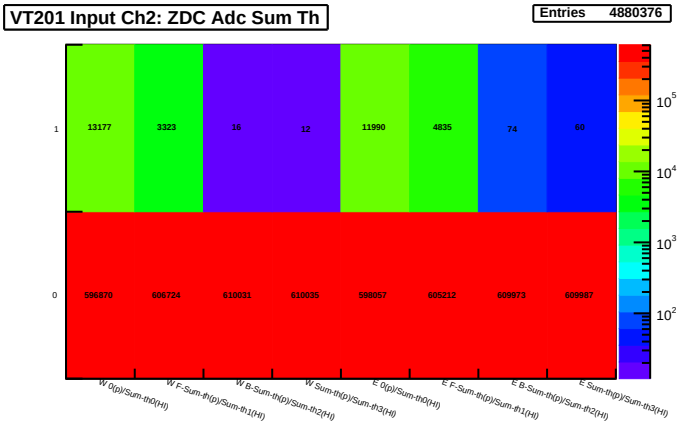

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

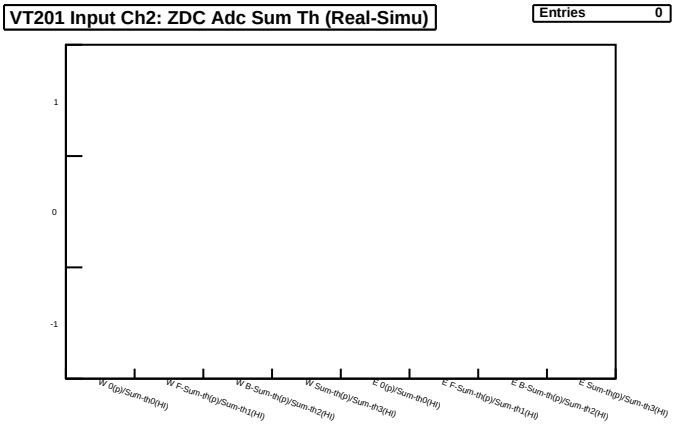

VT201 Input Ch1: EPD Hit Count Th
Entries 1220094
604339
602347
5708
7700
East
West

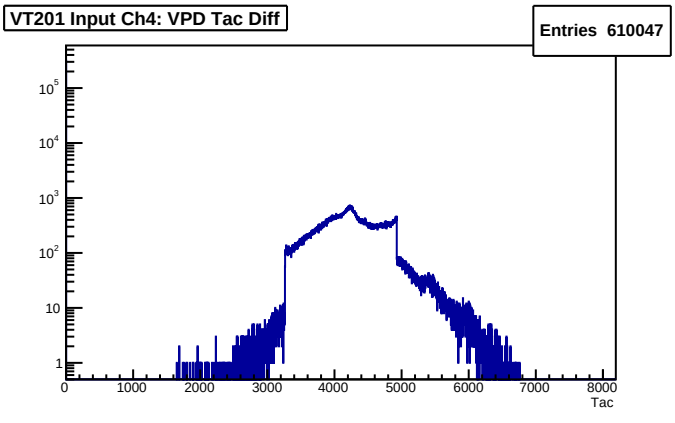

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

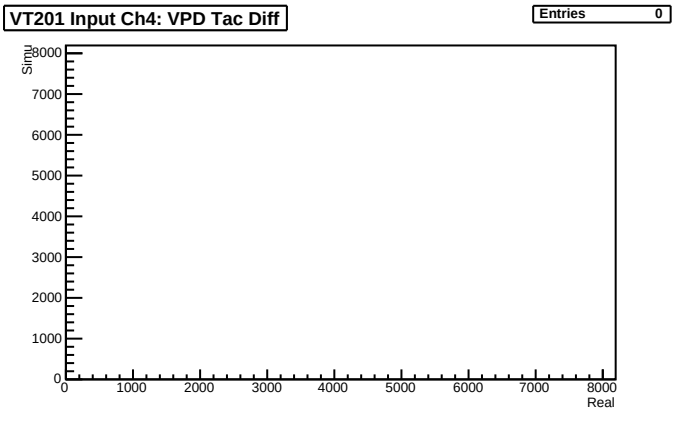

VT201 Input Ch2: ZDC Tac Diff
Entries 610047
Tac

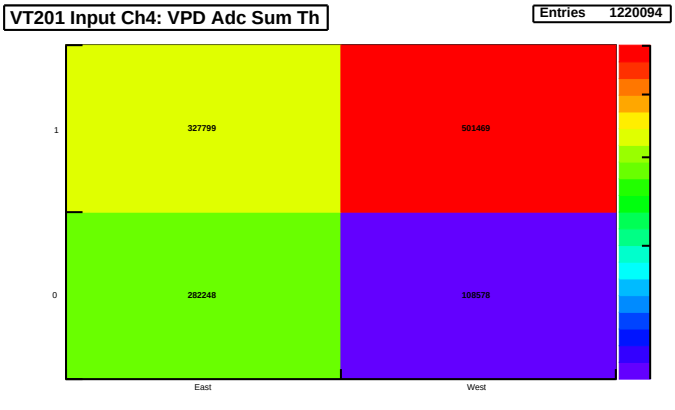

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

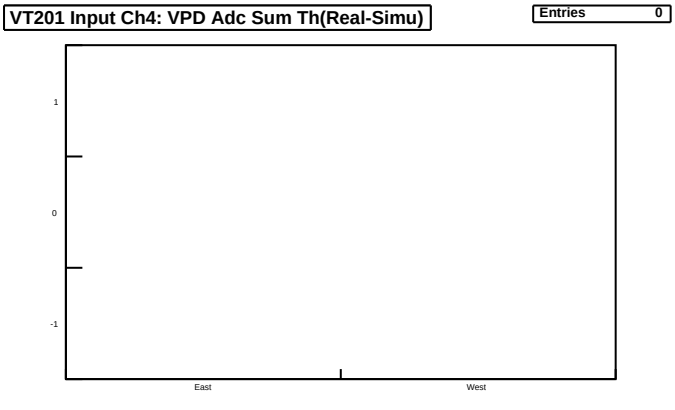

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4880376
13177
3323
16
12
11990
4835
74
60
596870
606724
610031
610035
598057
605212
609973
609987
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

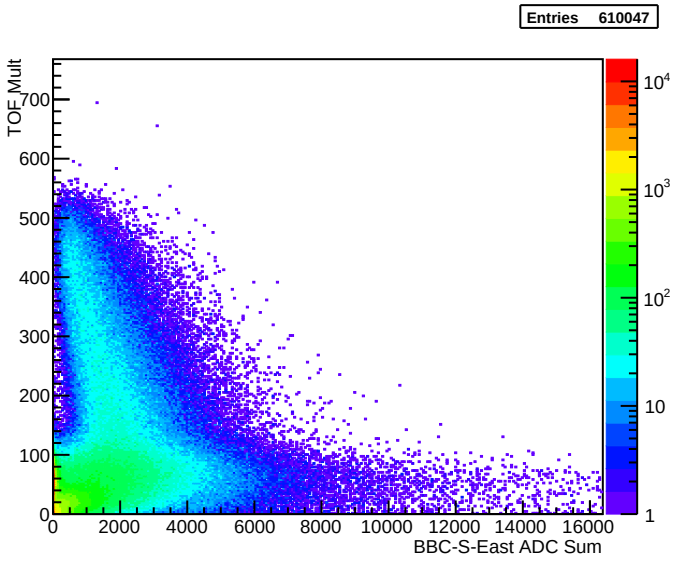

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

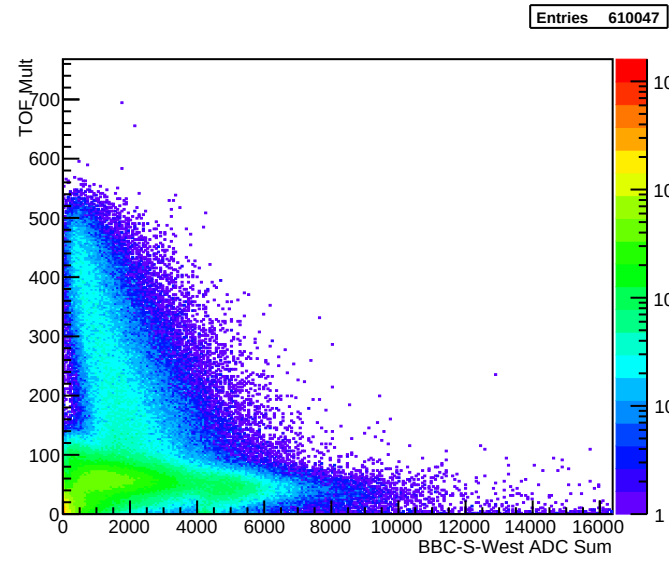

VT201 Input Ch4: VPD Tac Diff
Entries 610047
Tac

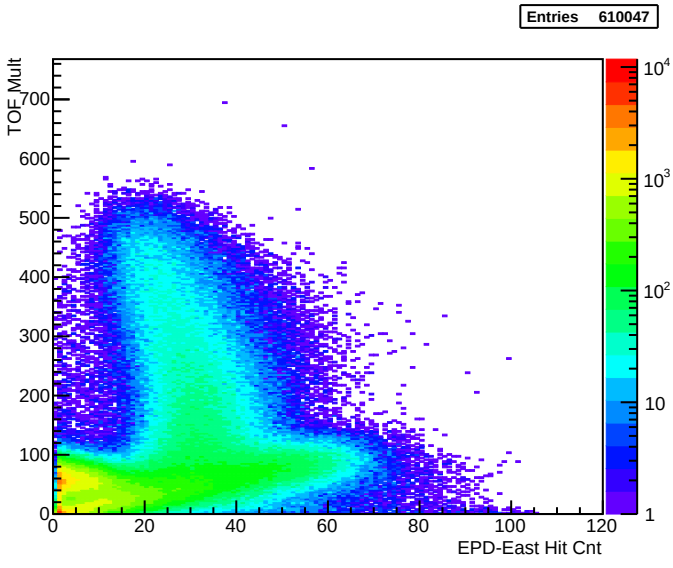

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

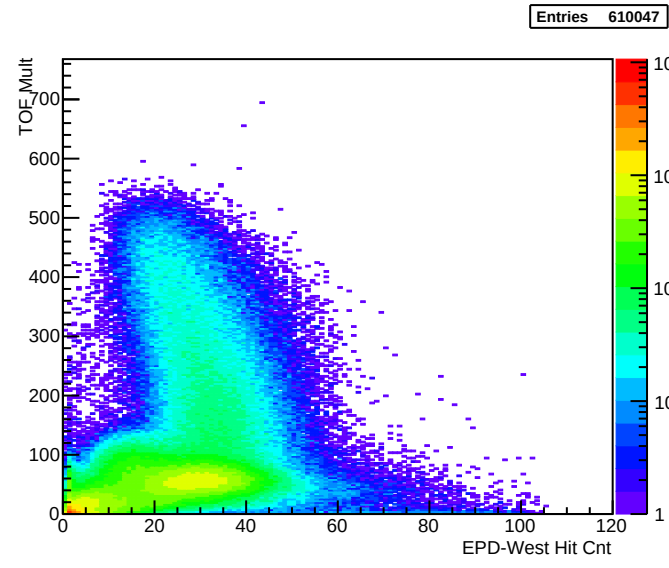

VT201 Input Ch4: VPD Adc Sum Th
Entries 1220094
327799
501469
282248
105578
East
West

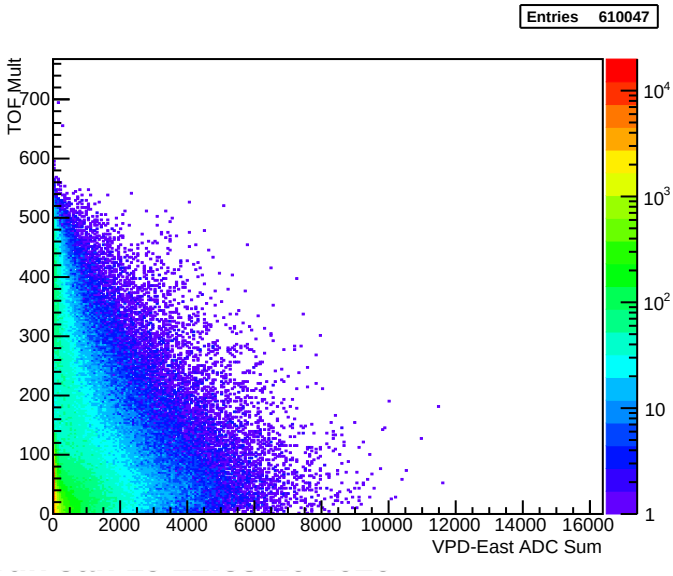

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

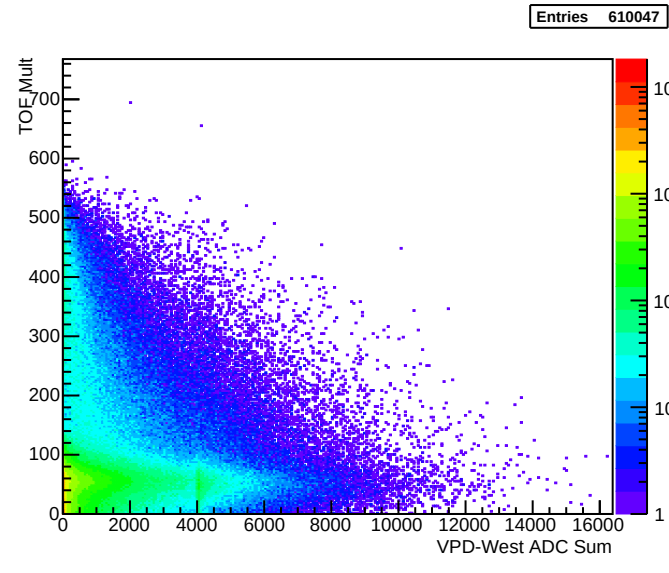

Entries 610047
TOF_Mult
BBC-S-East ADC Sum

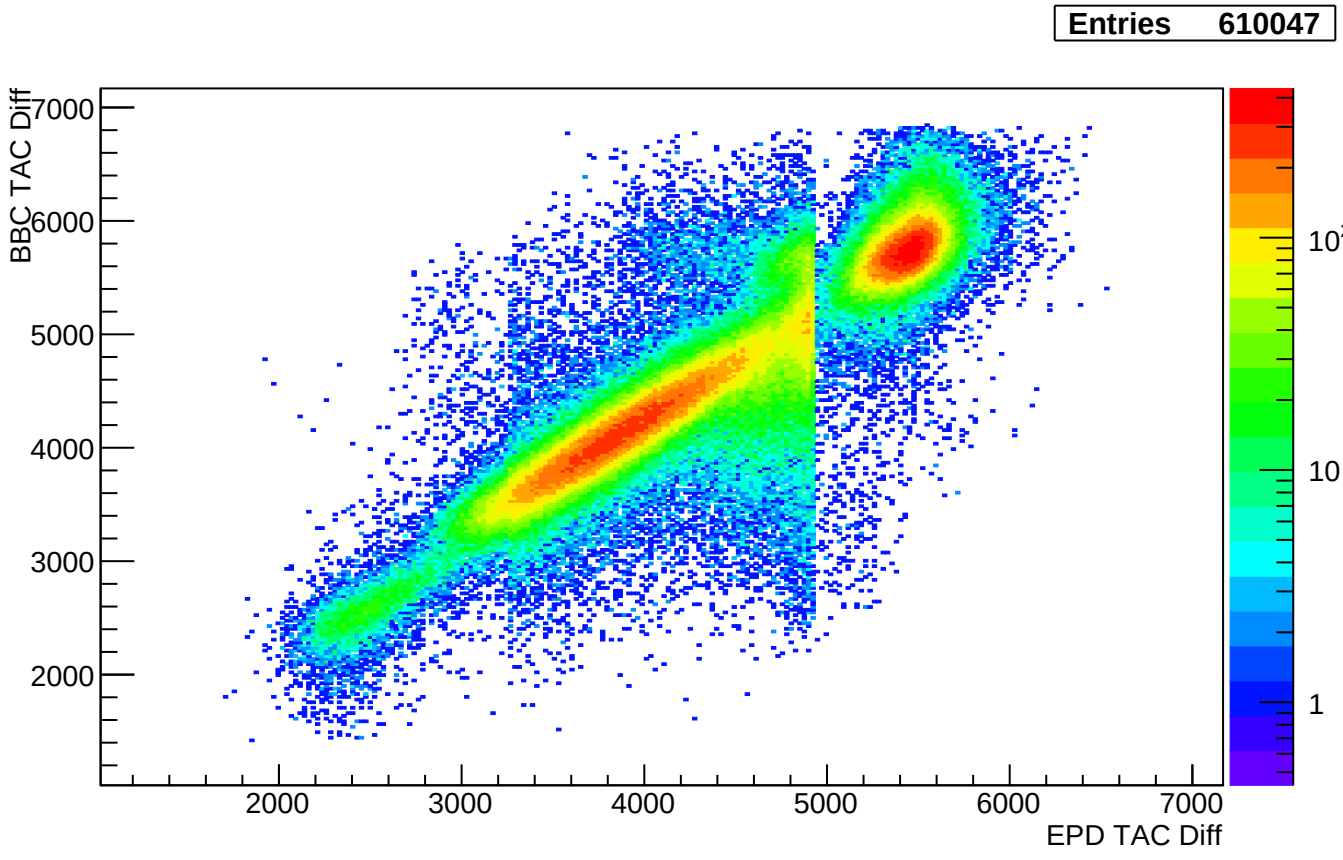

Entries 610047
TOF_Mult
BBC-S-West ADC Sum

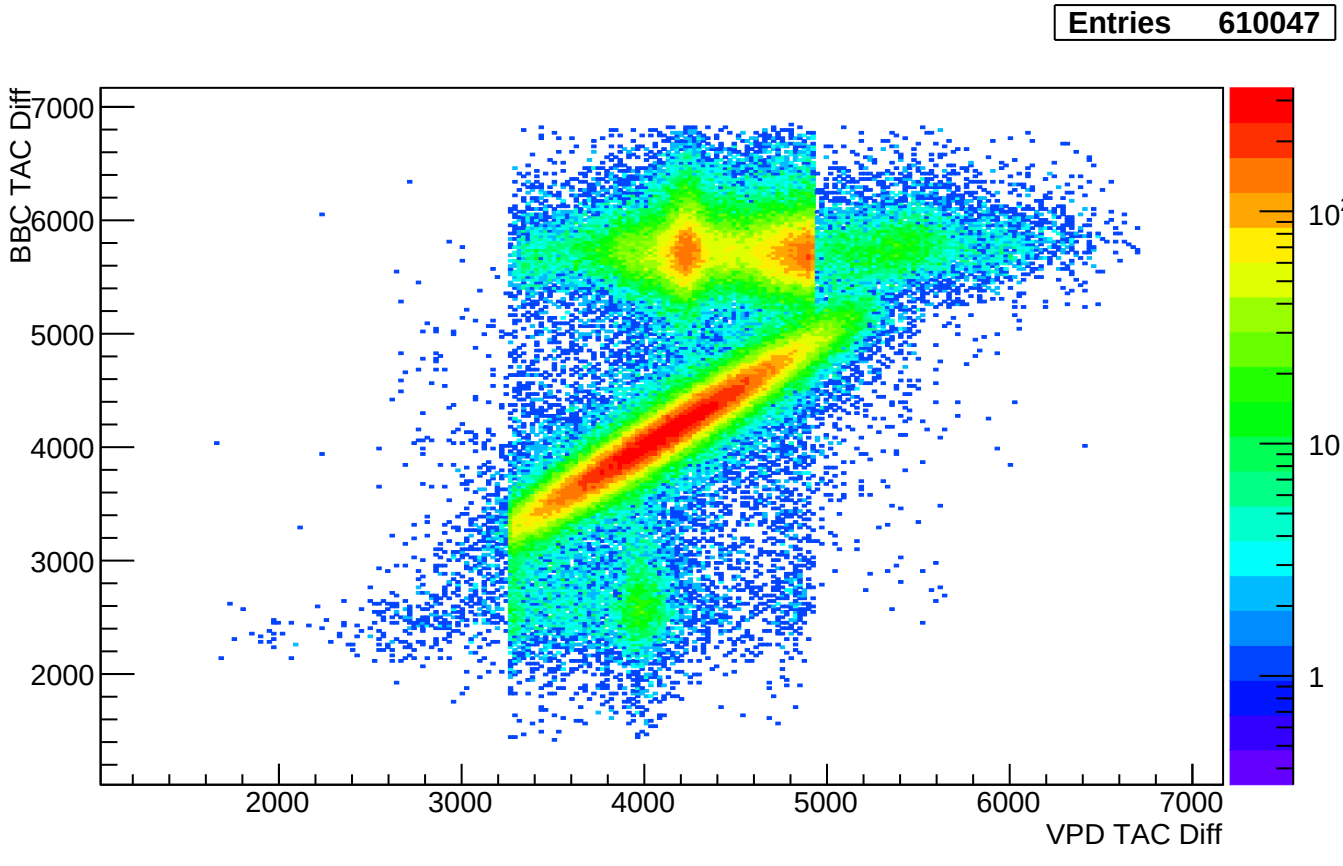

Entries 610047
TOF_Mult
EPD-East Hit Cnt

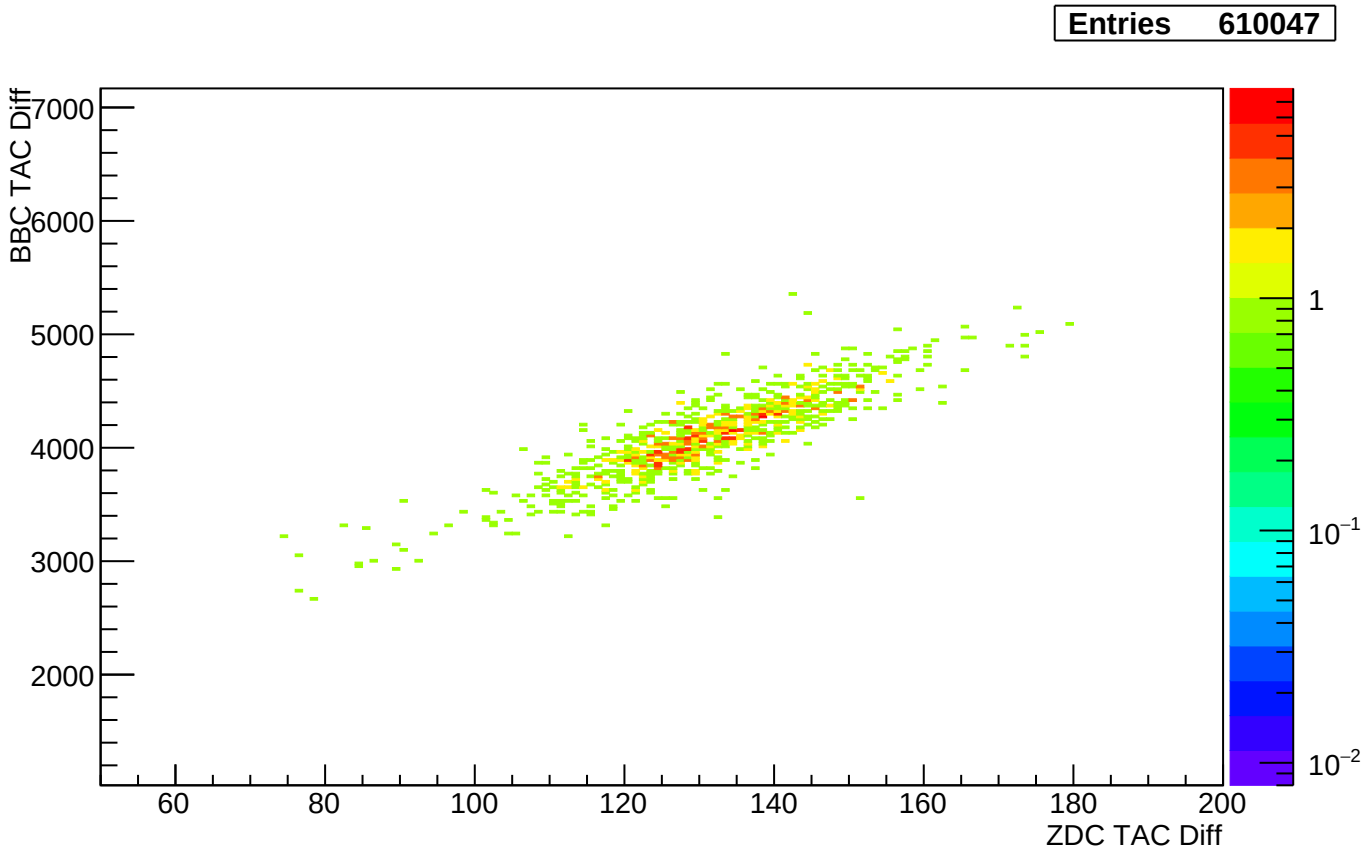

Entries 610047
TOF_Mult
EPD-West Hit Cnt

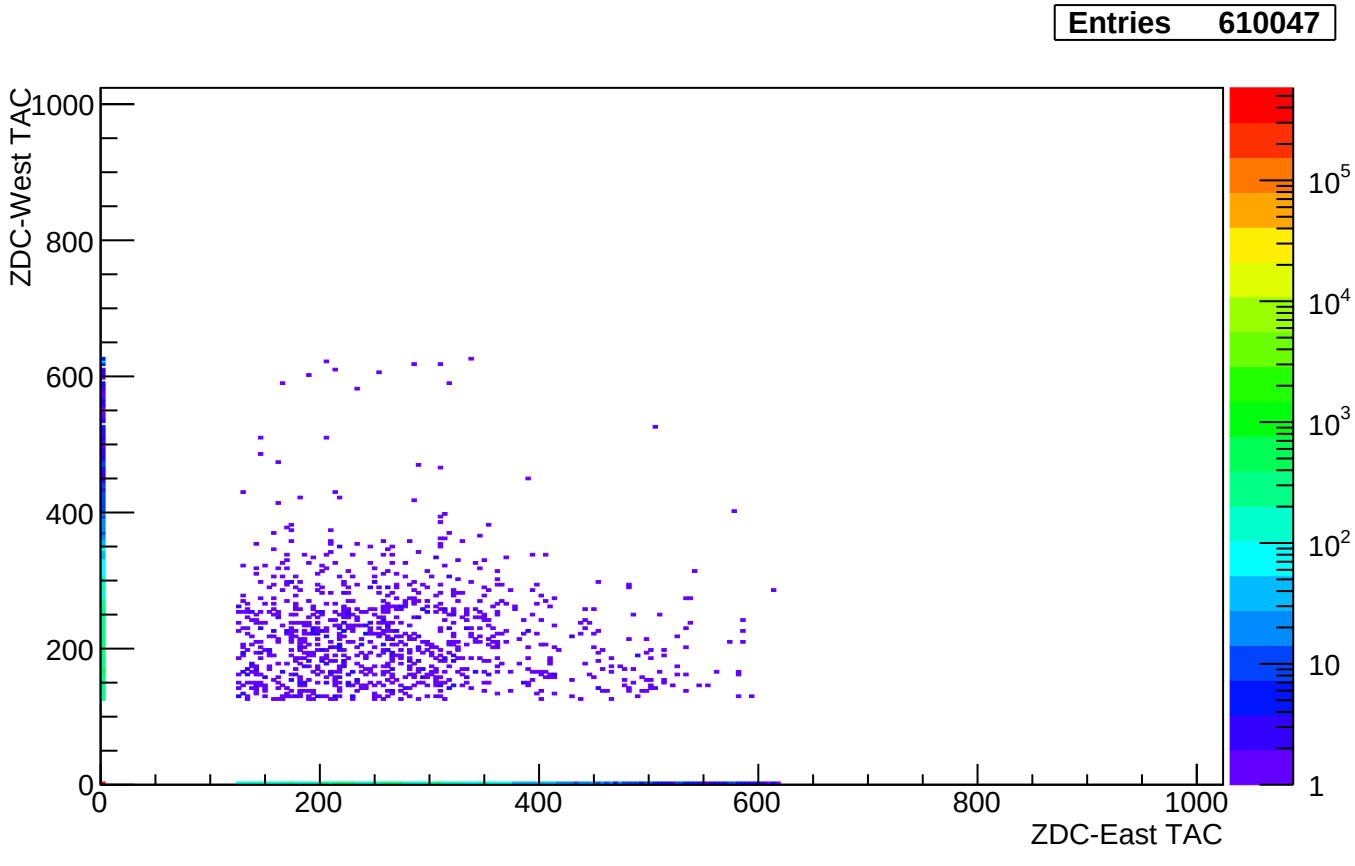

Entries 610047
TOF_Mult
VPD-East ADC Sum

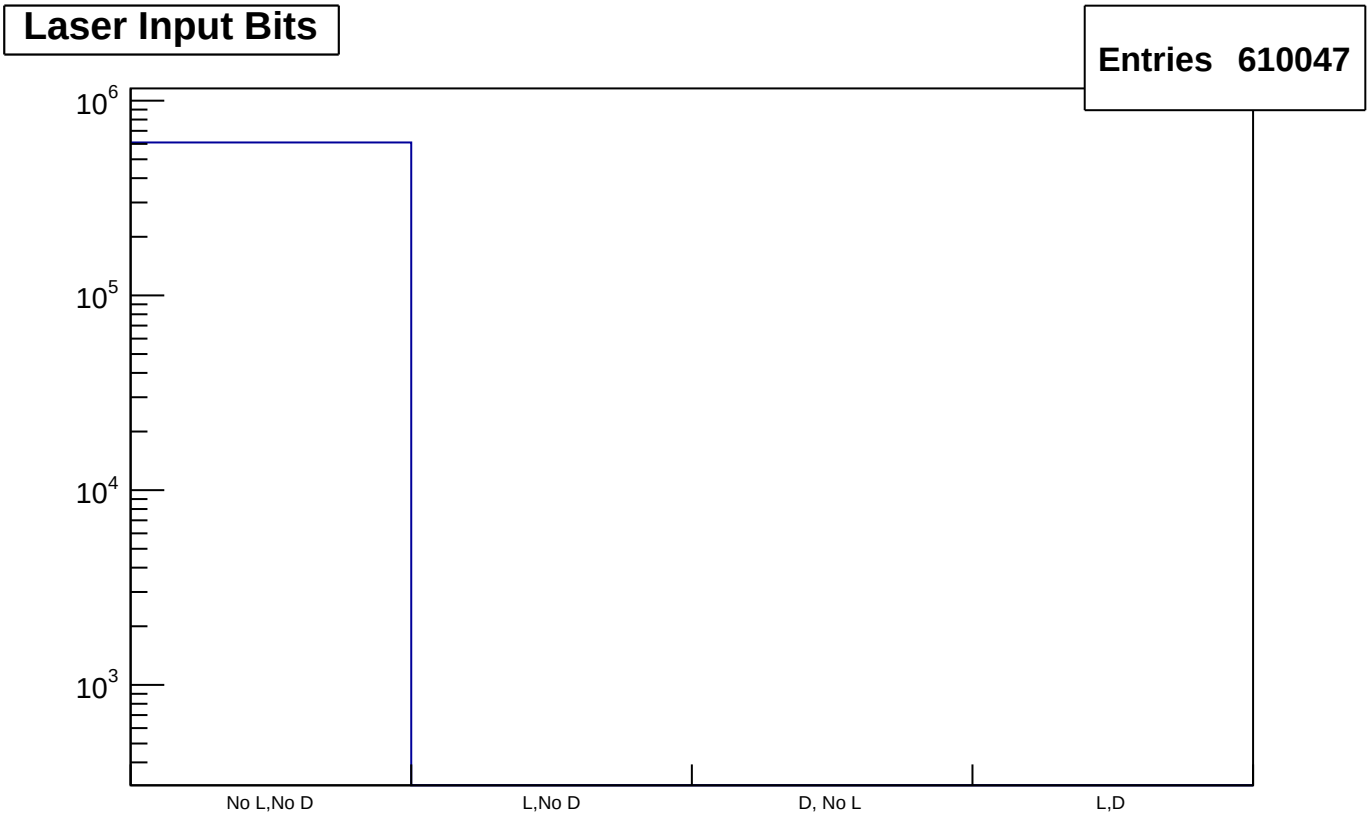

Entries 610047
TOF_Mult
VPD-West ADC Sum

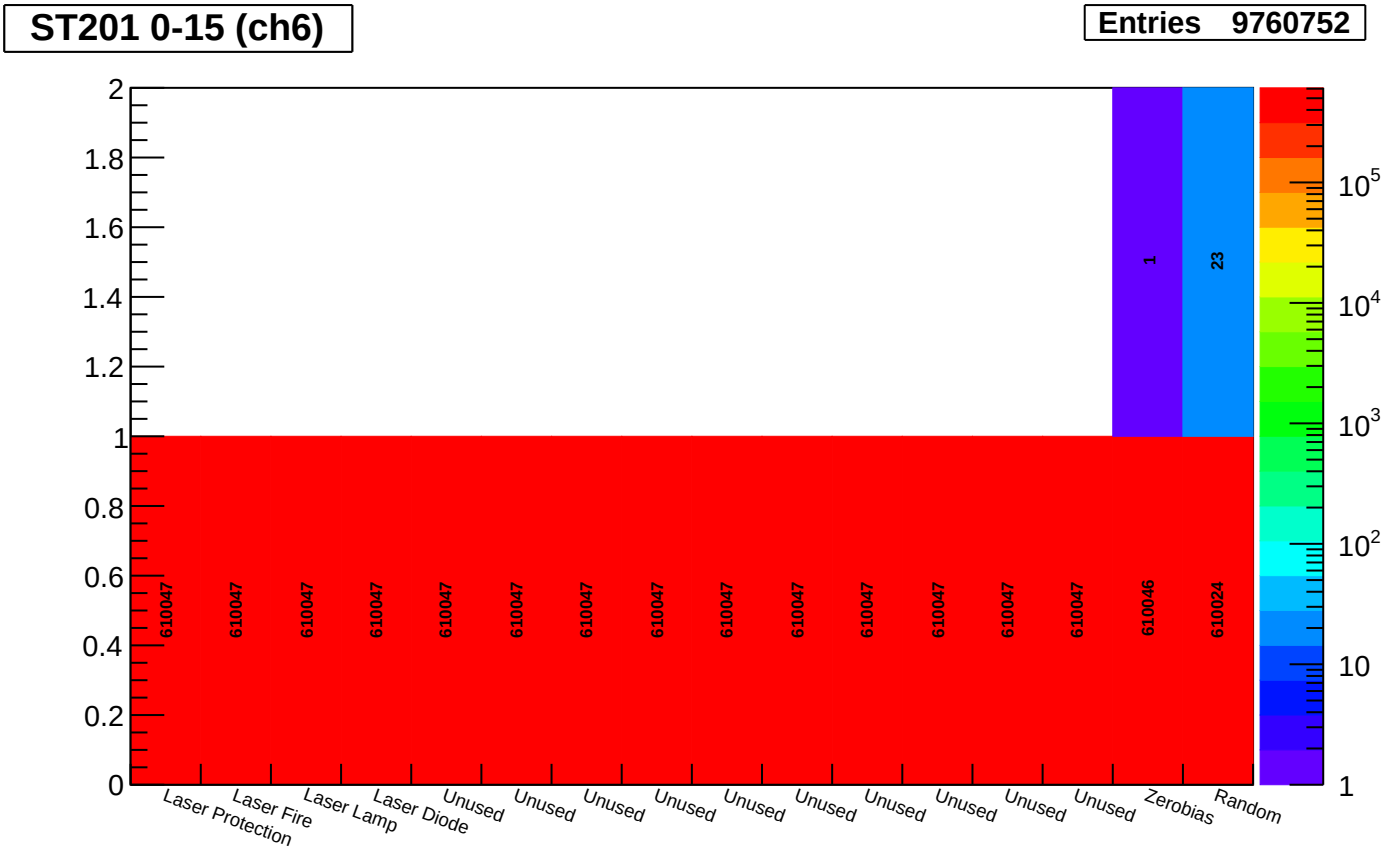

Entries 610047
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

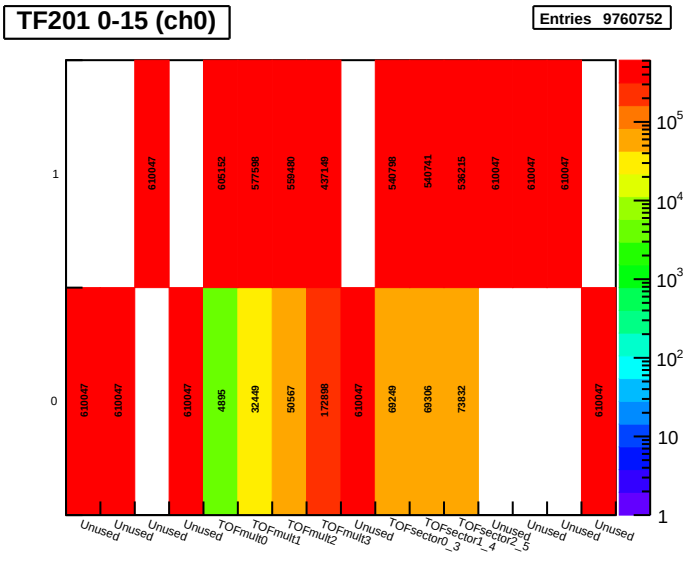

Entries 610047
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

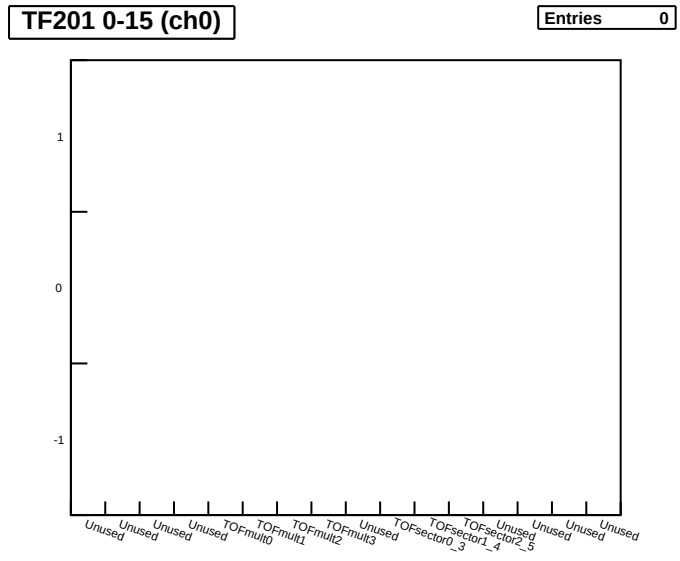

Entries 610047
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

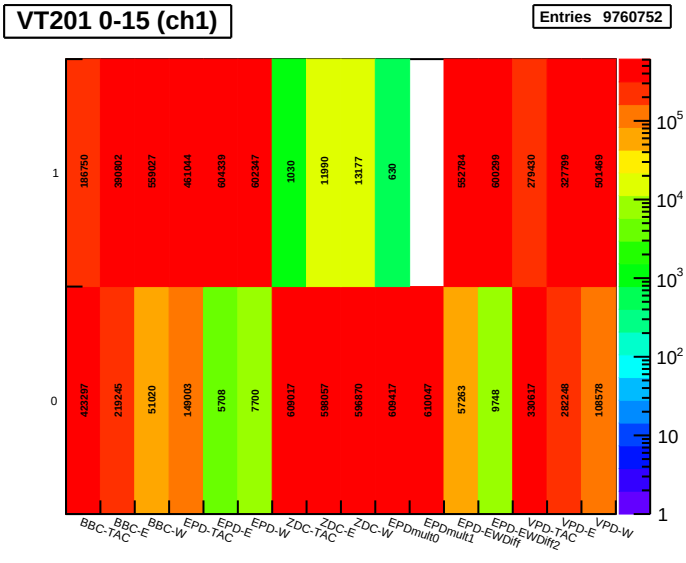

Entries 610047
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

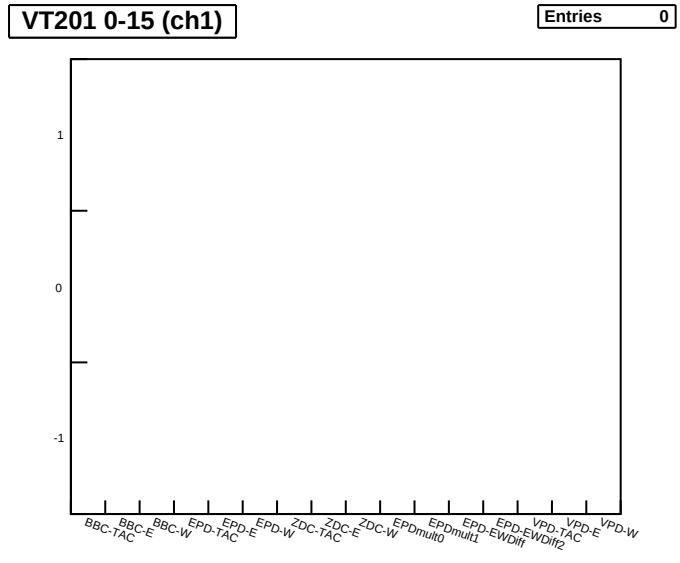

Laser Input Bits
Entries 610047
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

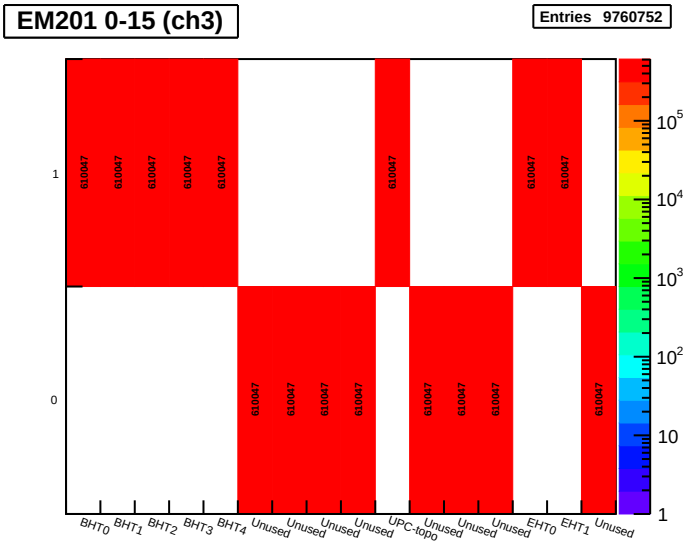

ST201 0-15 (ch6)
Entries 9760752
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
610047
610047
610047
610047
610047
610047
610047
610047
610047
610047
610047
610047
610047
610047
610046
610024
1
23
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

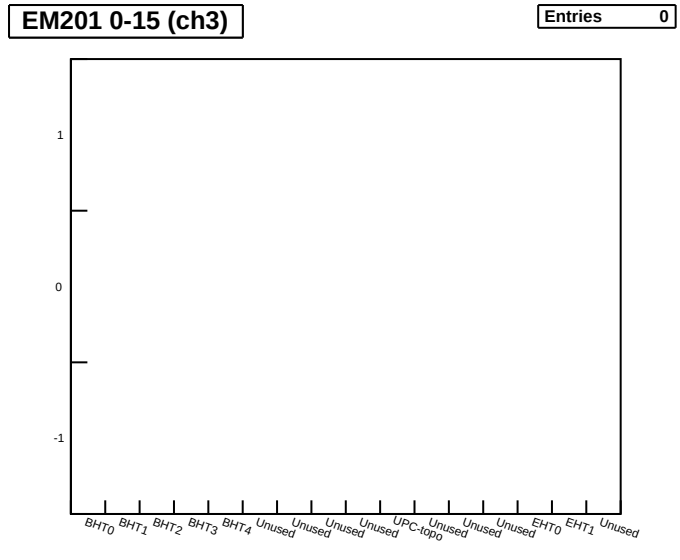

TF201 0-15 (ch0)
Entries 9760752
610047
605152
577598
539480
437149
540798
540741
536215
610047
610047
610047
610047
610047
610047
4095
32449
50567
172898
610047
69249
69306
73832
610047
1
0
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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
Unused


VT201 0-15 (ch1)
Entries 9760752
186750
390882
559027
461044
604339
602347
1030
11990
13177
630
552764
600299
279450
327799
501469
423297
219245
51020
149003
5708
7700
609017
598057
596870
609417
610047
57263
9748
330617
282248
106578
1
0
BBC-TAC
BBC-E
BBC-W
EPD-TAC
EPD-E
EPD-W
ZDC-TAC
ZDC-E
ZDC-W
EPDmult0
EPDmult1
EPD-EWDiff
EPD-EWDiff2
VPD-TAC
VPD-E
VPD-W
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 9760752
610047
610047
610047
610047
610047
610047
610047
610047
610047
610047
610047
610047
610047
610047
610047
610047
1
0
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