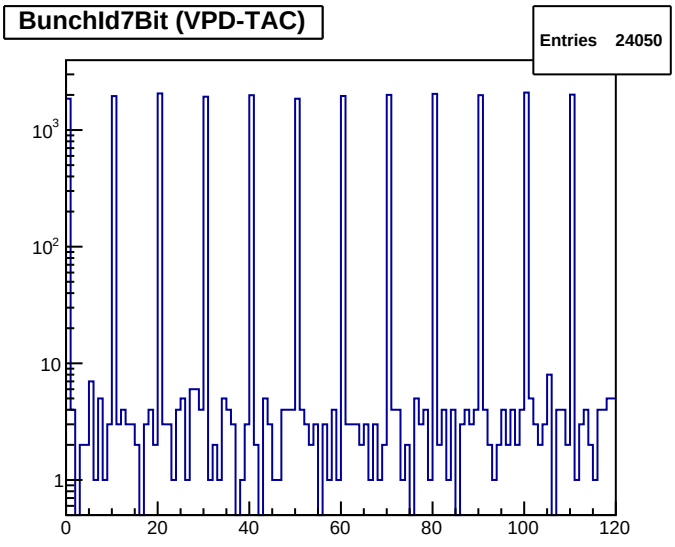
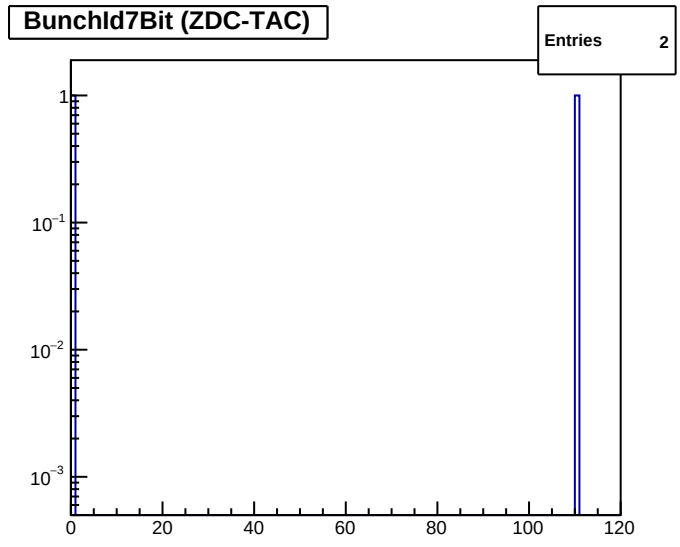
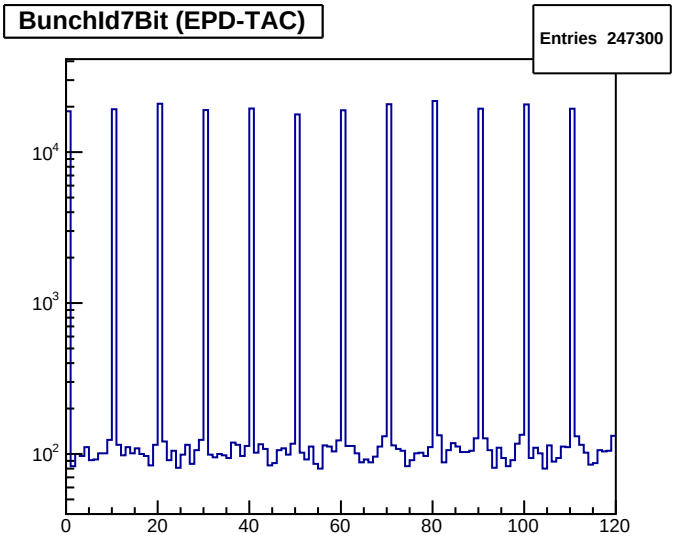
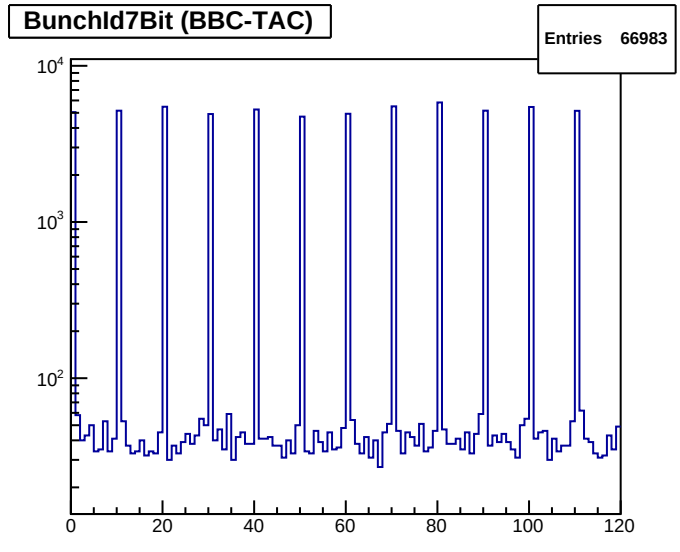
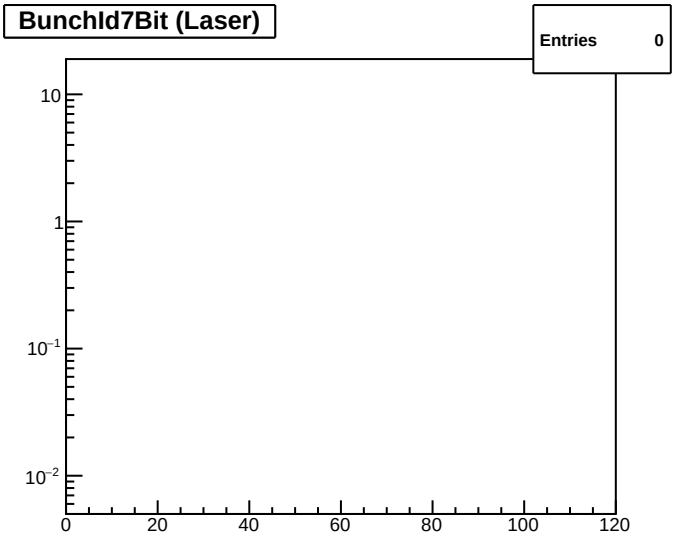
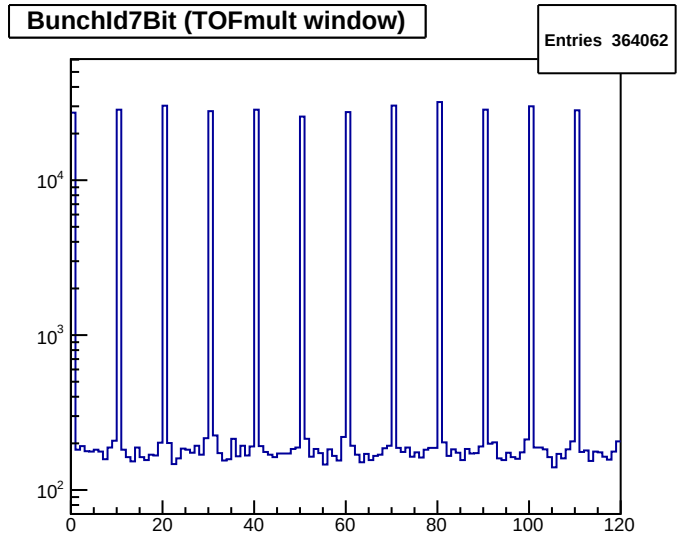

BunchId7Bit (VPD-TAC)
Entries 24050

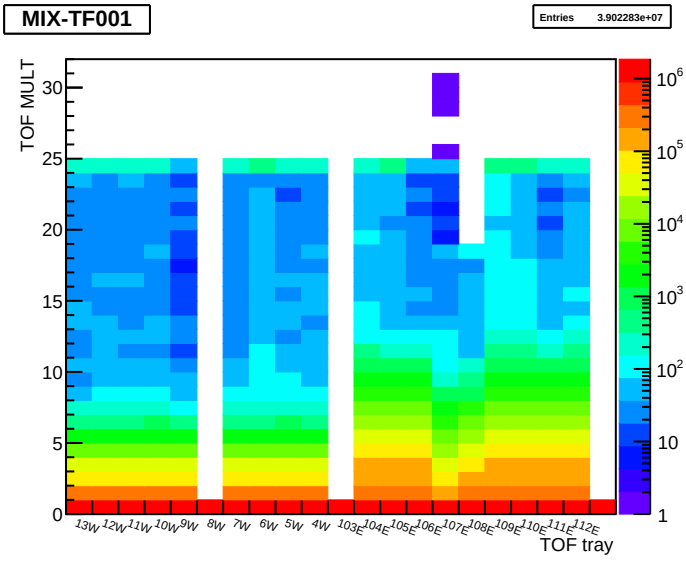

BunchId7Bit (ZDC-TAC)
Entries 2

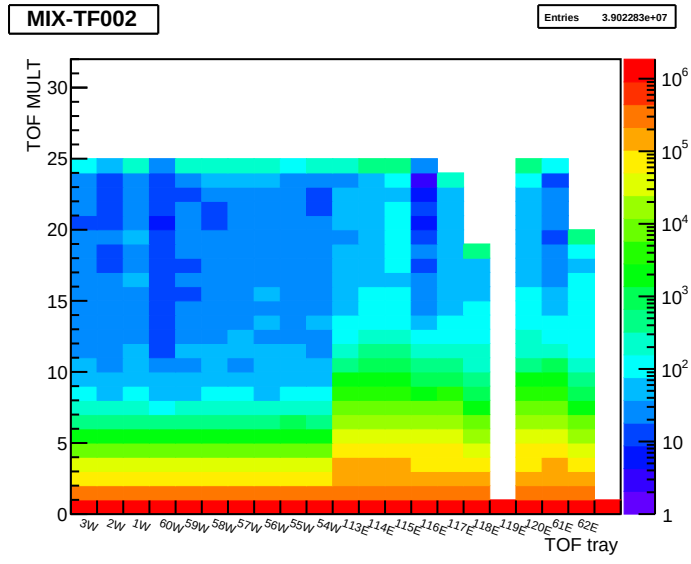

BunchId7Bit (EPD-TAC)
Entries 247300

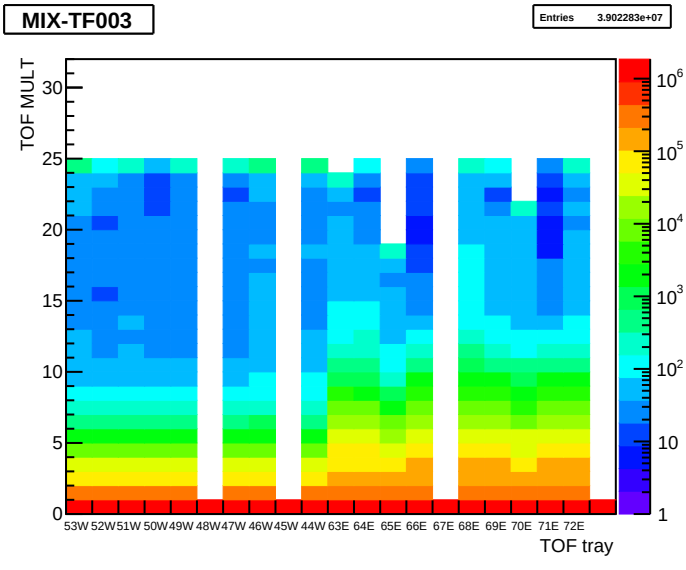

BunchId7Bit (BBC-TAC)
Entries 66983

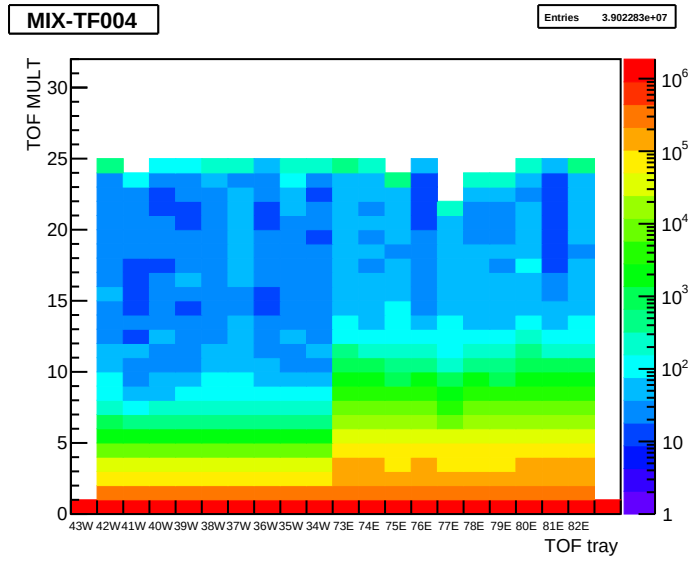

BunchId7Bit (Laser)
Entries 0

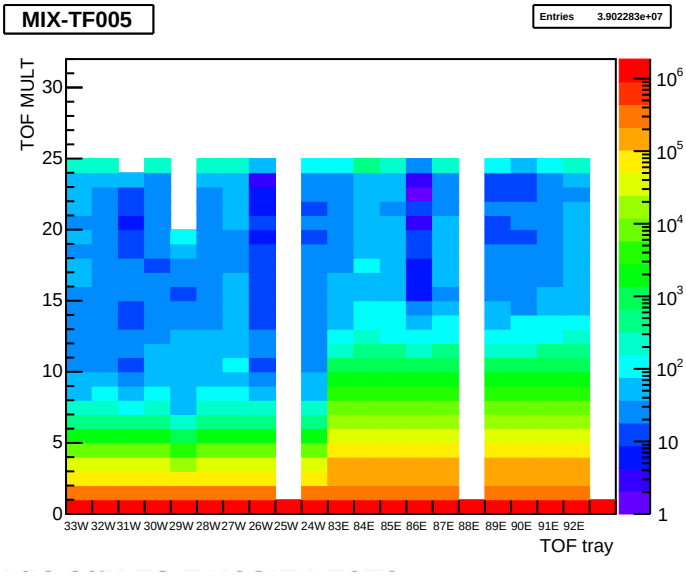

BunchId7Bit (TOFmult window)
Entries 364062

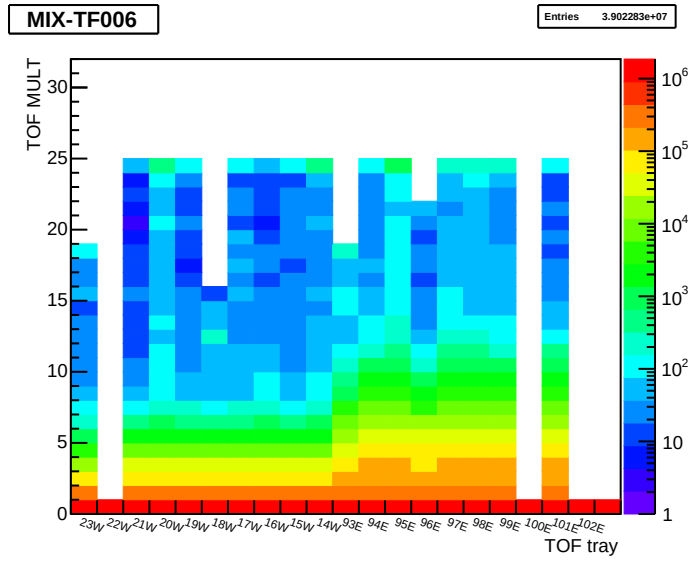

MIX-TF001
Entries 3.902283e+07
TOF MULT
TOF tray

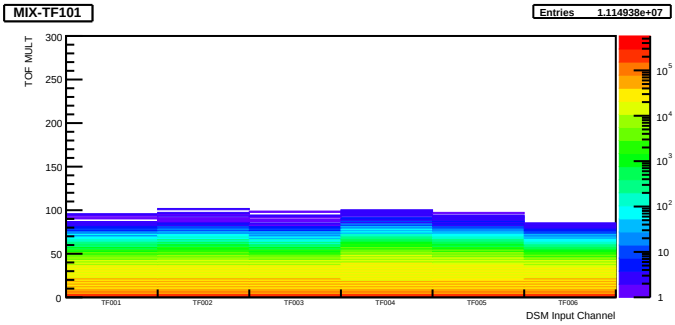

MIX-TF002
Entries 3.902283e+07
TOF MULT
TOF tray

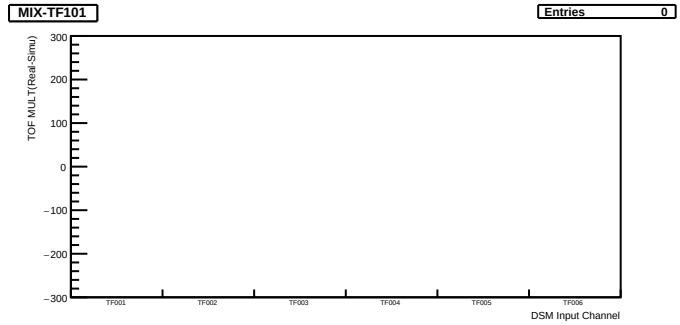

MIX-TF003
Entries 3.902283e+07
TOF MULT
TOF tray

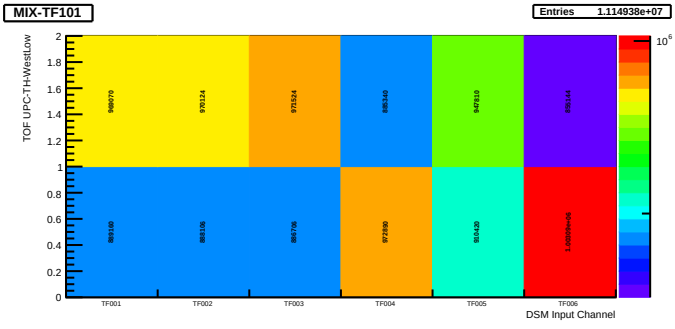

MIX-TF004
Entries 3.902283e+07
TOF MULT
TOF tray

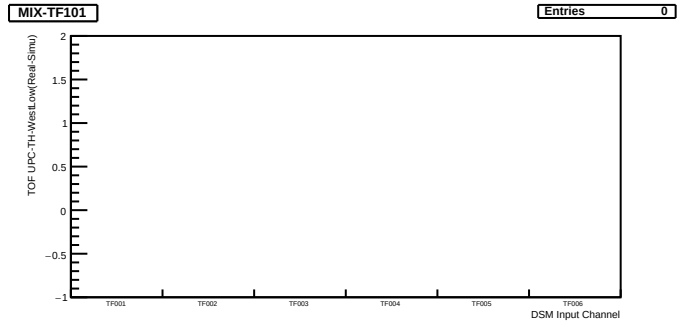

MIX-TF005
Entries 3.902283e+07
TOF MULT
TOF tray

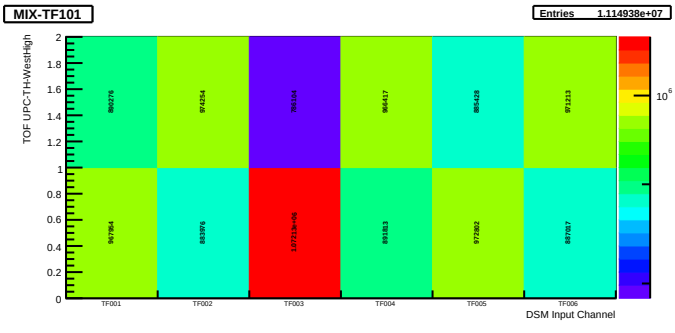

MIX-TF006
Entries 3.902283e+07
TOF MULT
TOF tray

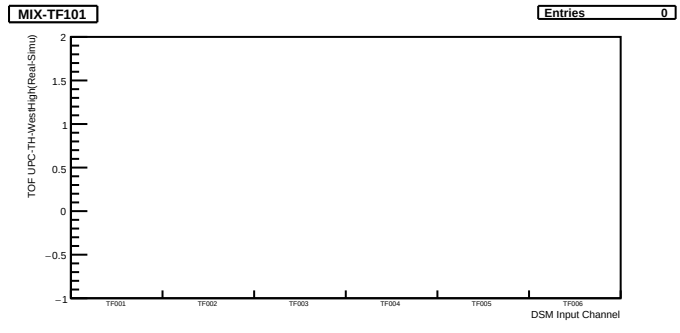

MIX-TF101
Entries 1.114938e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

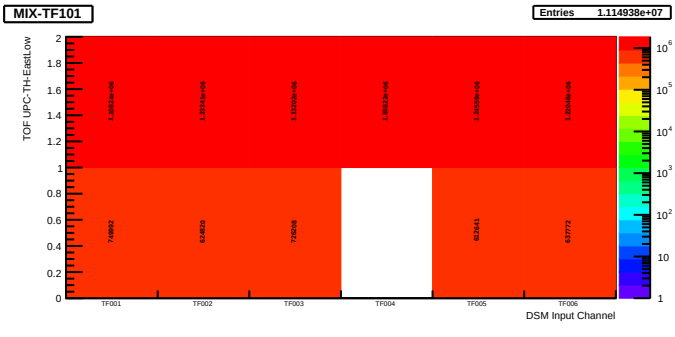

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

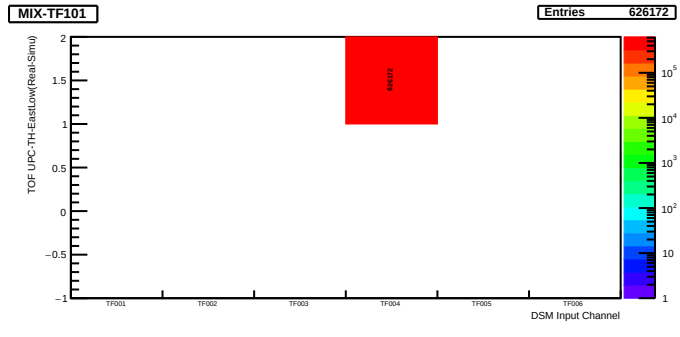

MIX-TF101
Entries 1.114938e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

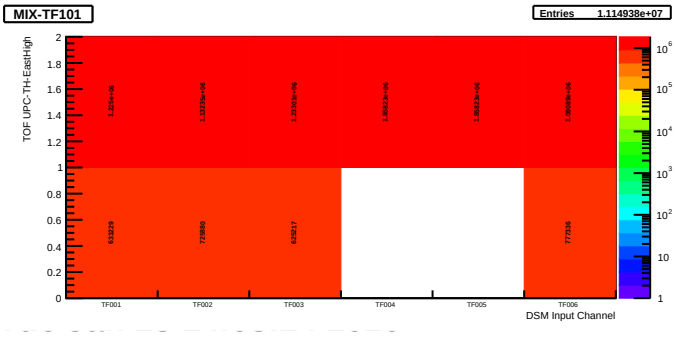

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

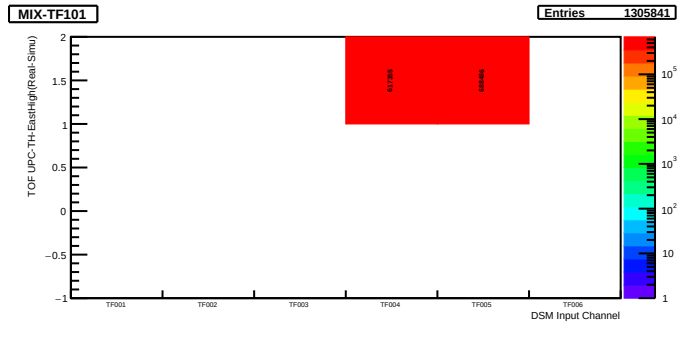

MIX-TF101
Entries 1.114938e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

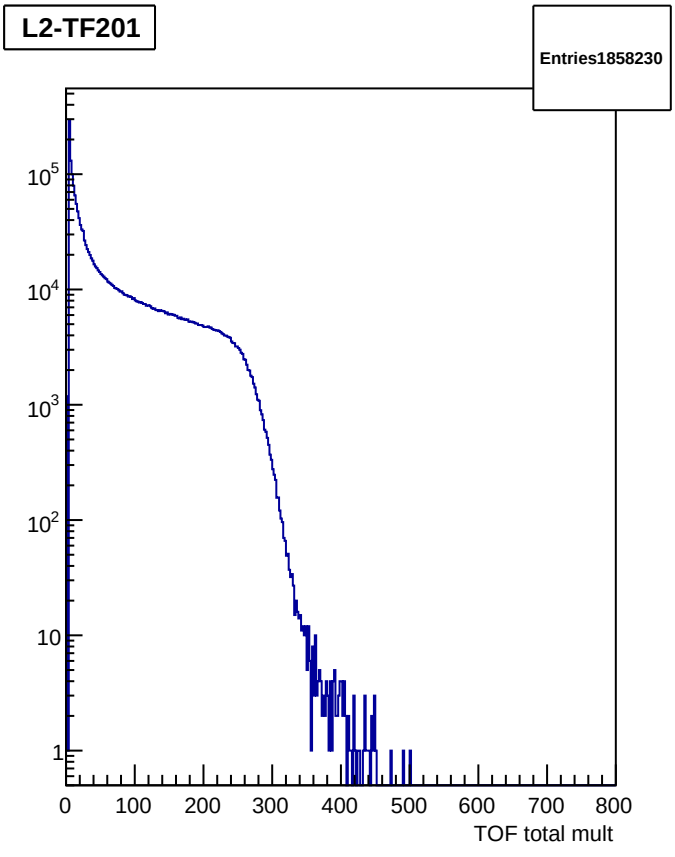

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

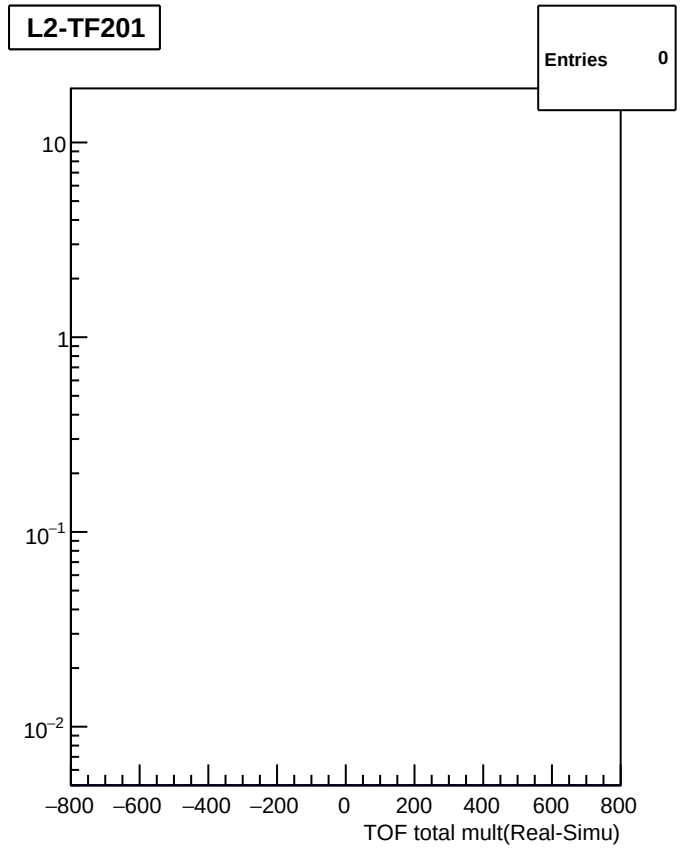

MIX-TF101
Entries 1.114938e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

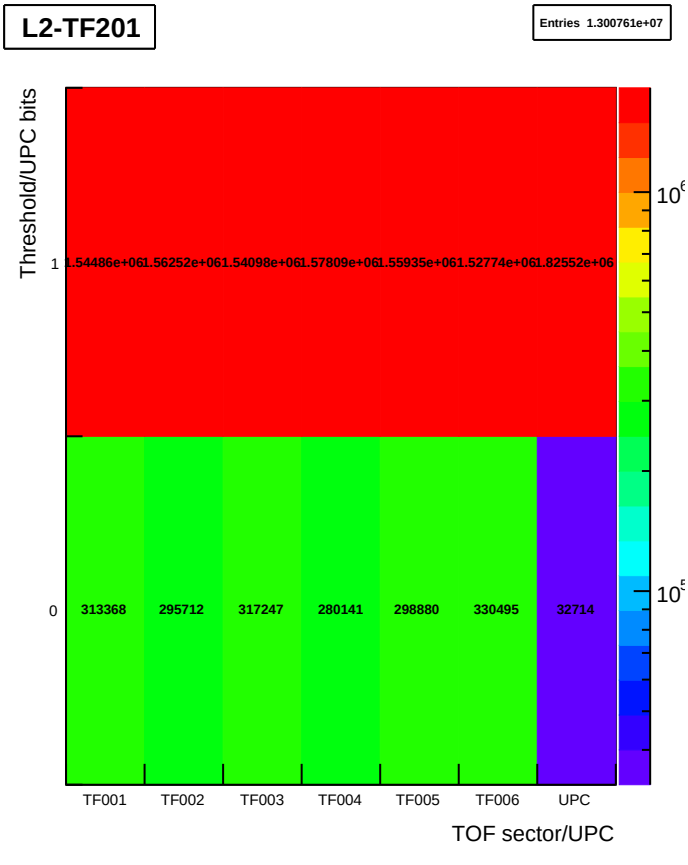

MIX-TF101
Entries 626172
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

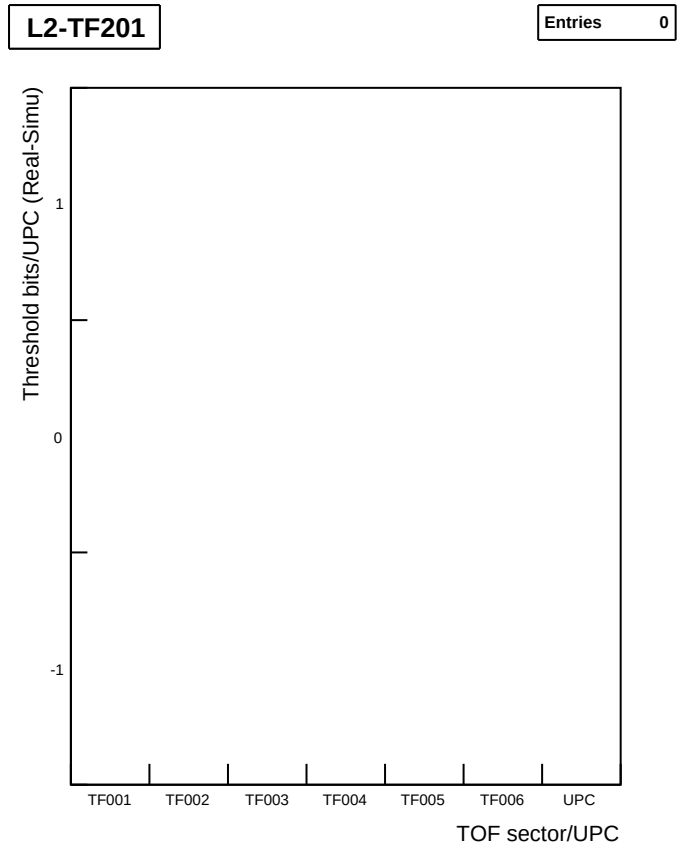

MIX-TF101
Entries 1.114938e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

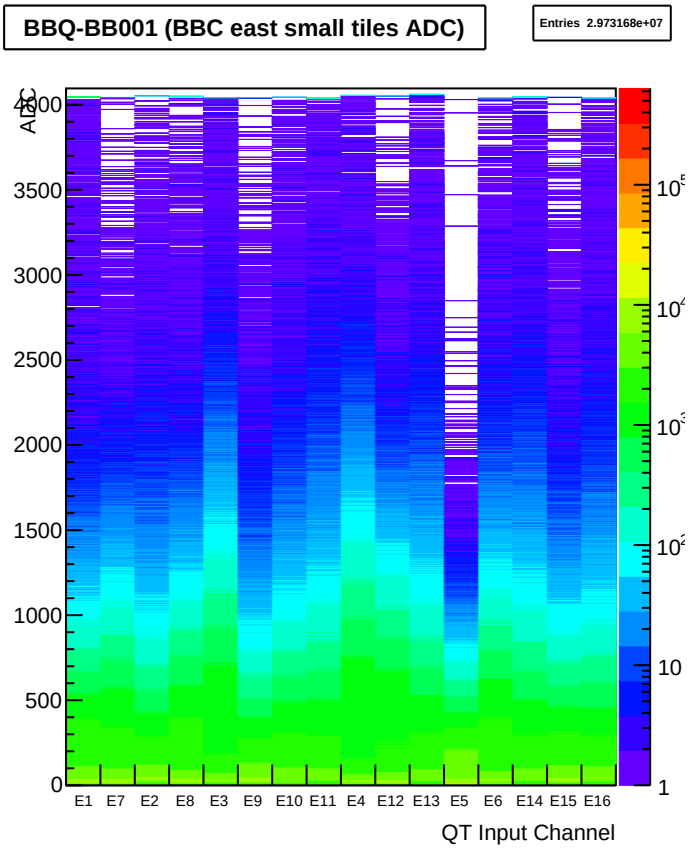

MIX-TF101
Entries 1305841
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

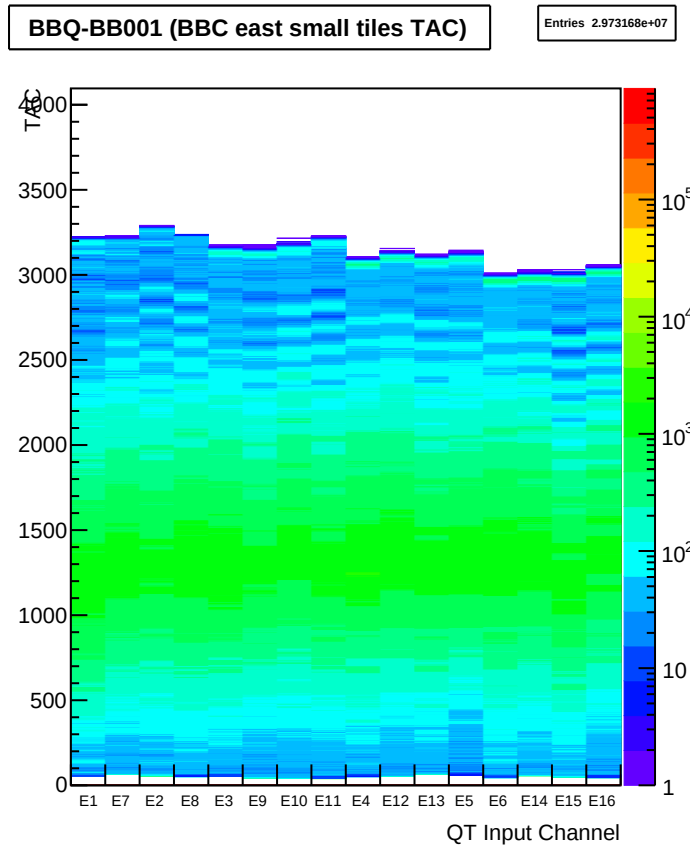

L2-TF201
Entries1858230
TOF total mult

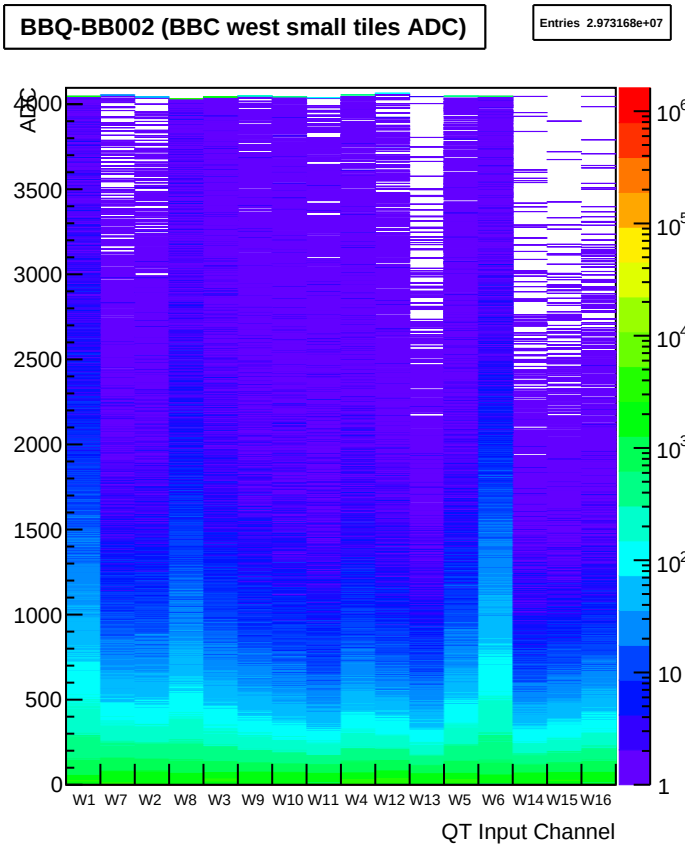

L2-TF201
Entries 0
TOF total mult(Real-Simu)

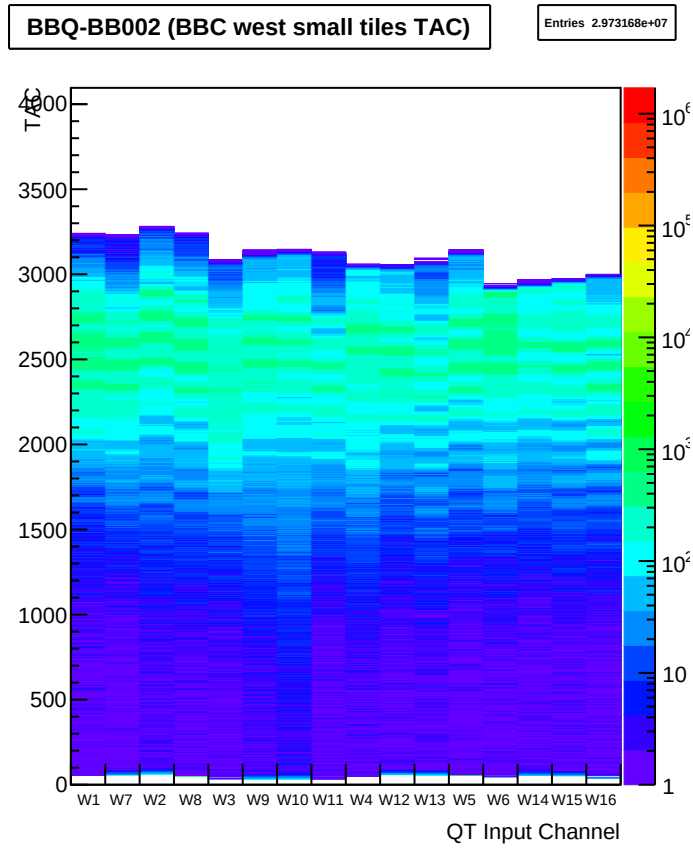

L2-TF201
Entries 1.300761e+07
Threshold/UPC bits
1.54486e+06 1.56252e+06 1.54098e+06 1.57809e+06 1.55935e+06 1.52774e+06 1.82552e+06
313368
295712
317247
280141
298880
330495
32714
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

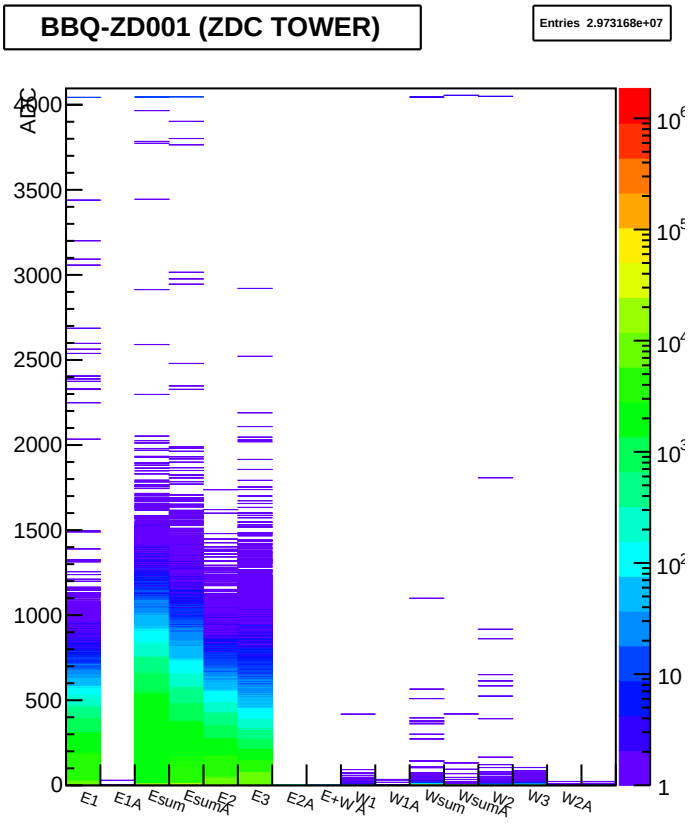

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

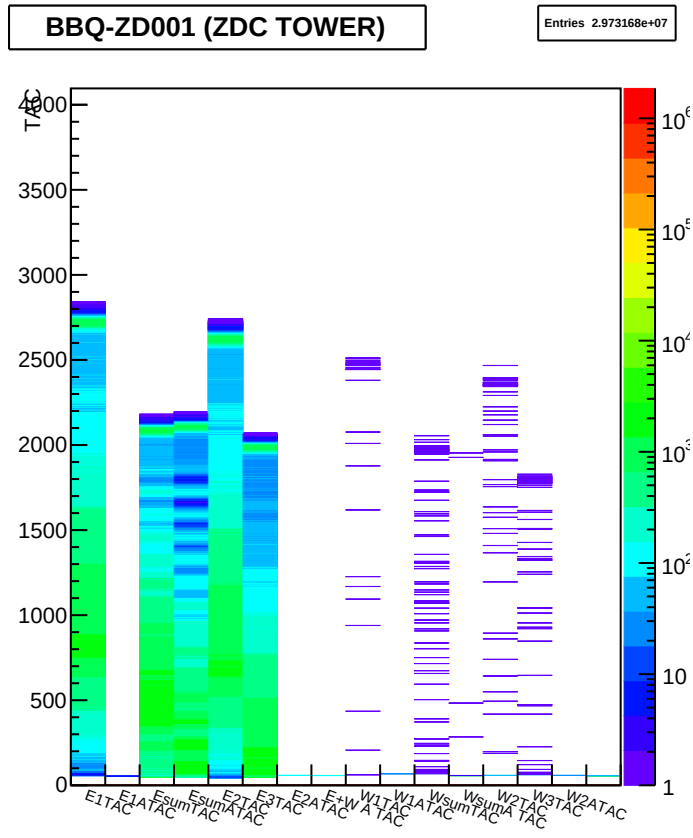

BBQ-BB001 (BBC east small tiles ADC)
Entries 2.973168e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

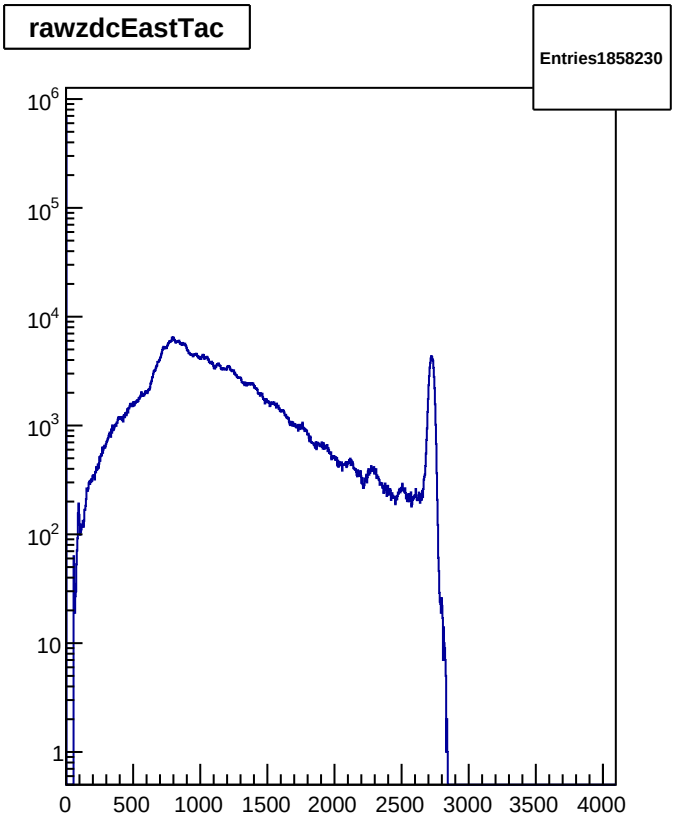

BBQ-BB001 (BBC east small tiles TAC)
Entries 2.973168e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

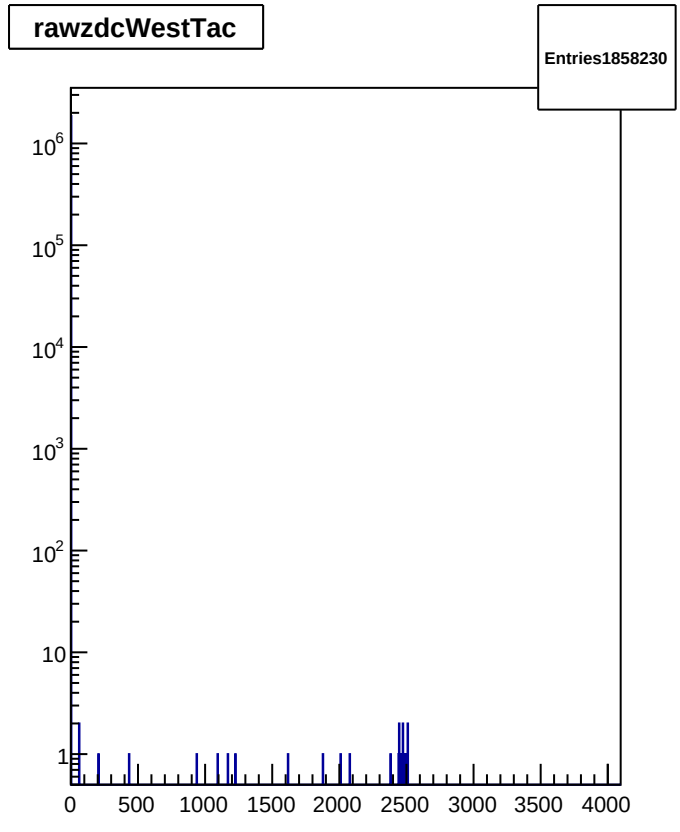

BBQ-BB002 (BBC west small tiles ADC)
Entries 2.973168e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

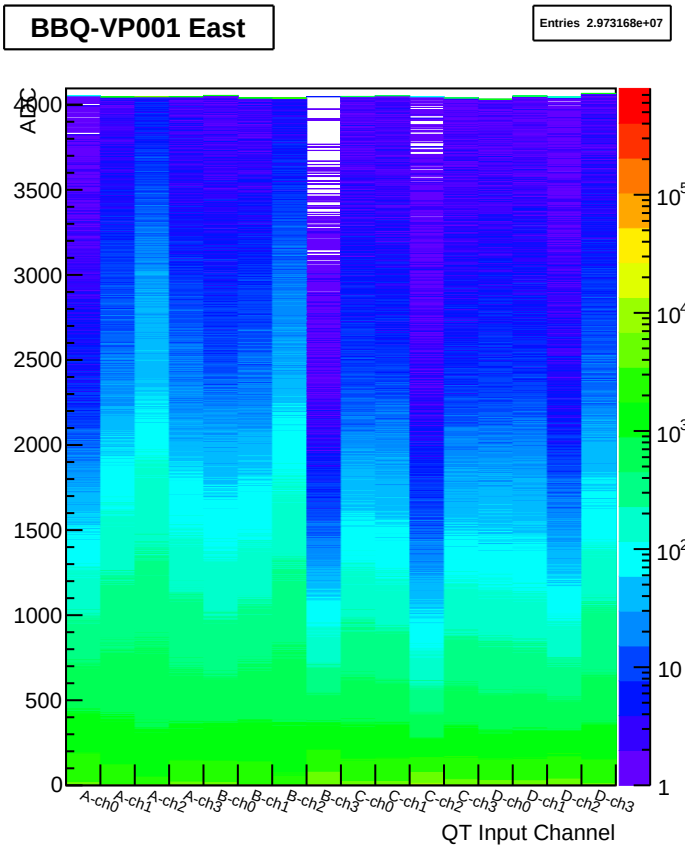

BBQ-BB002 (BBC west small tiles TAC)
Entries 2.973168e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

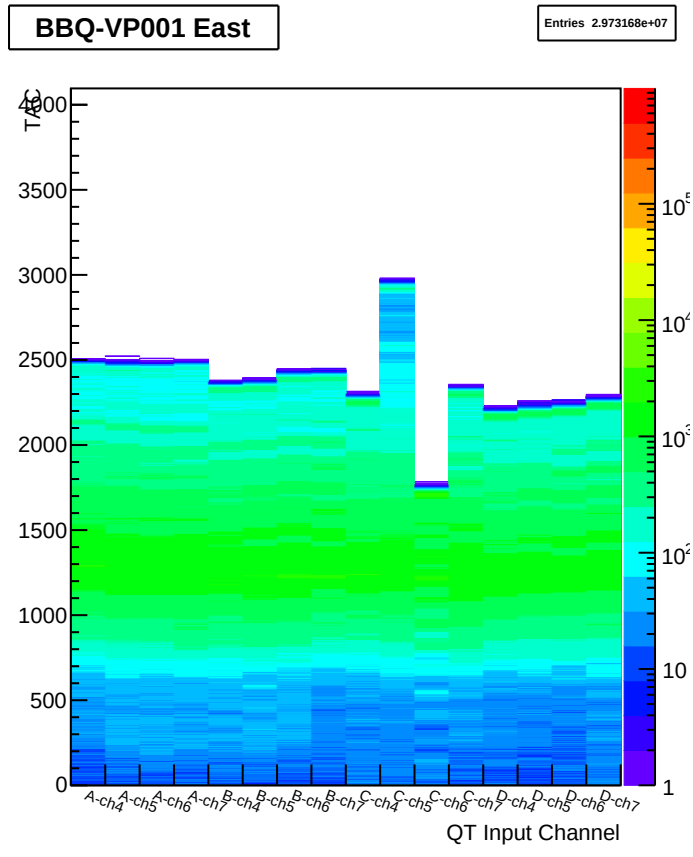

BBQ-ZD001 (ZDC TOWER)
Entries 2.973168e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W A
W1
W1A
Wsum
WsumA
W2
W3
W2A

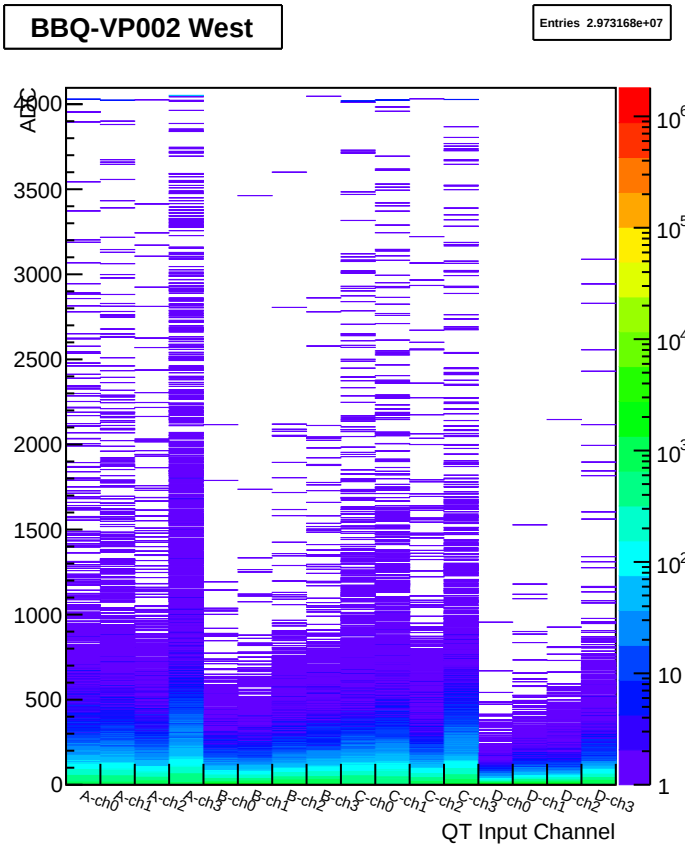

BBQ-ZD001 (ZDC TOWER)
Entries 2.973168e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

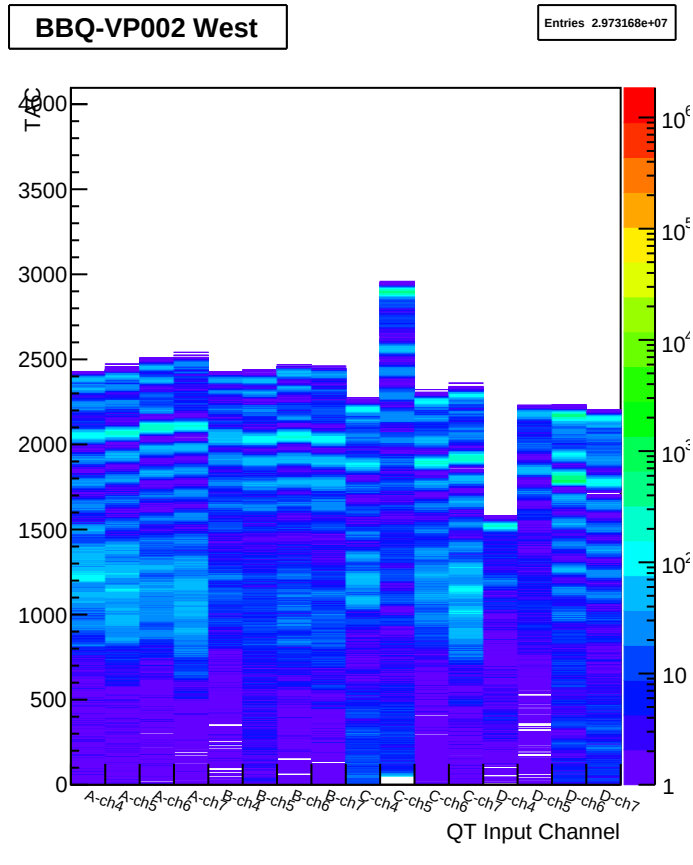

rawzdcEastTac
Entries1858230

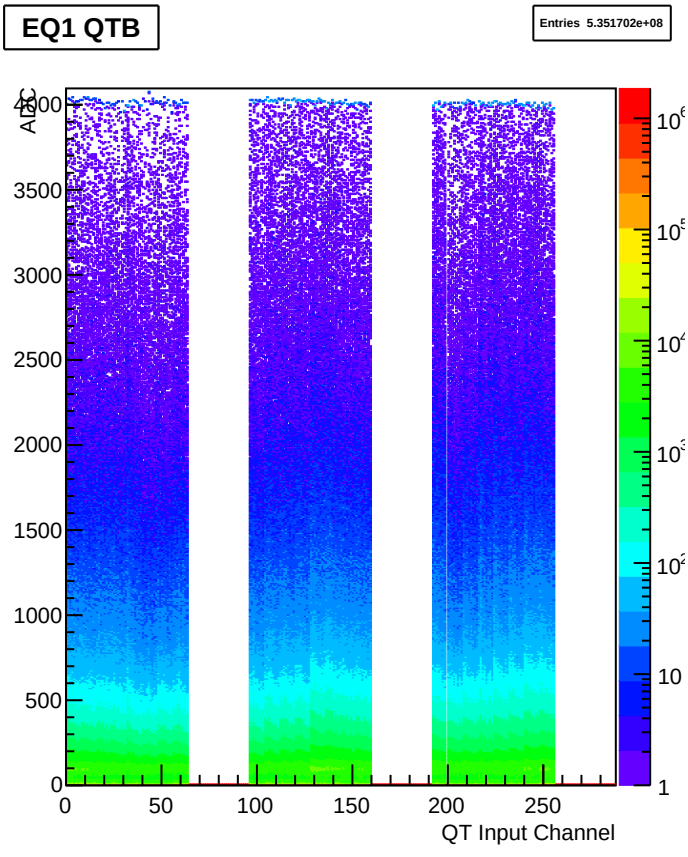

rawzdcWestTac
Entries1858230

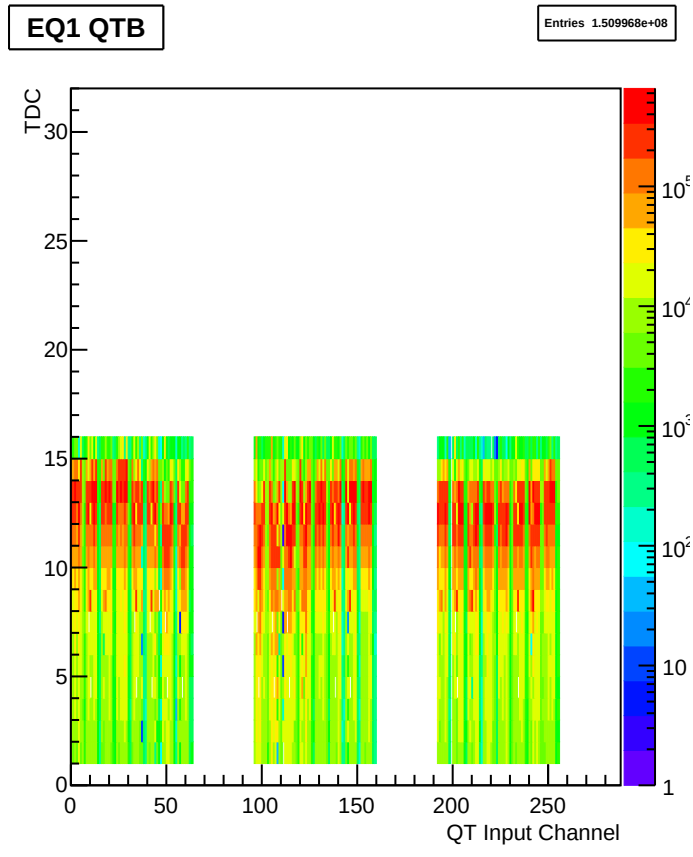

BBQ-VP001 East
Entries 2.973168e+07
ADC
QT Input Channel

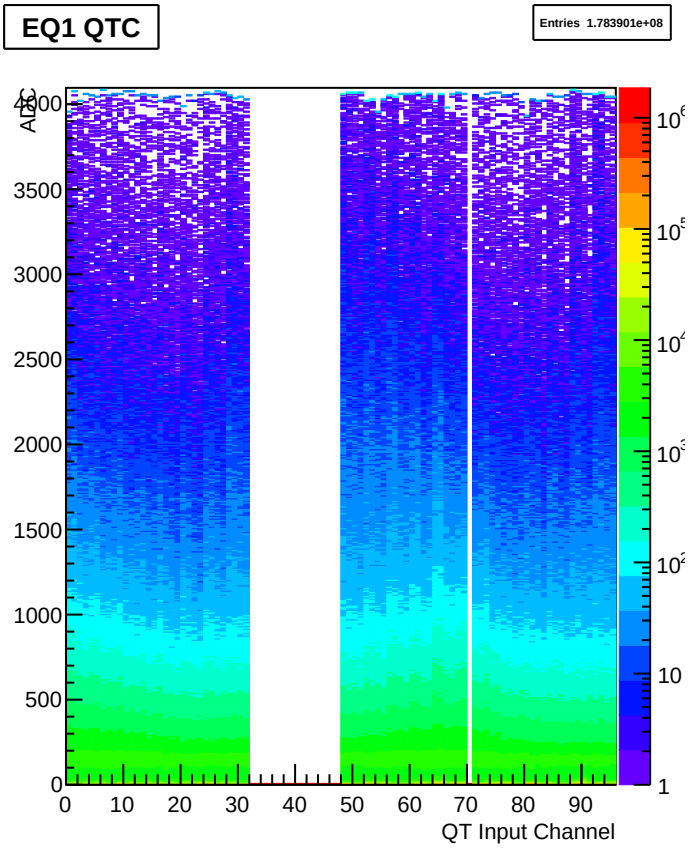

BBQ-VP001 East
Entries 2.973168e+07
TAC
QT Input Channel

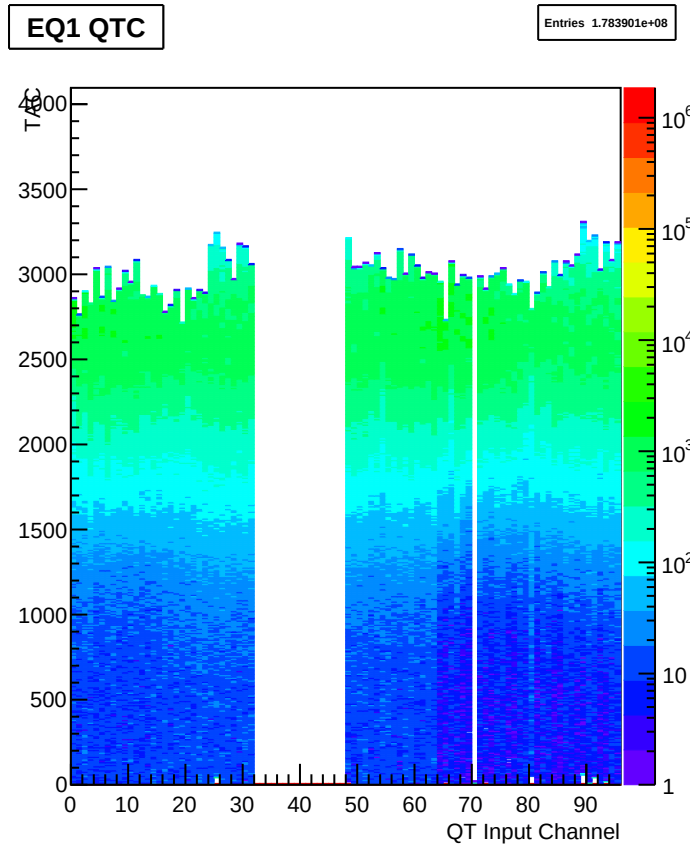

BBQ-VP002 West
Entries 2.973168e+07
ADC
QT Input Channel

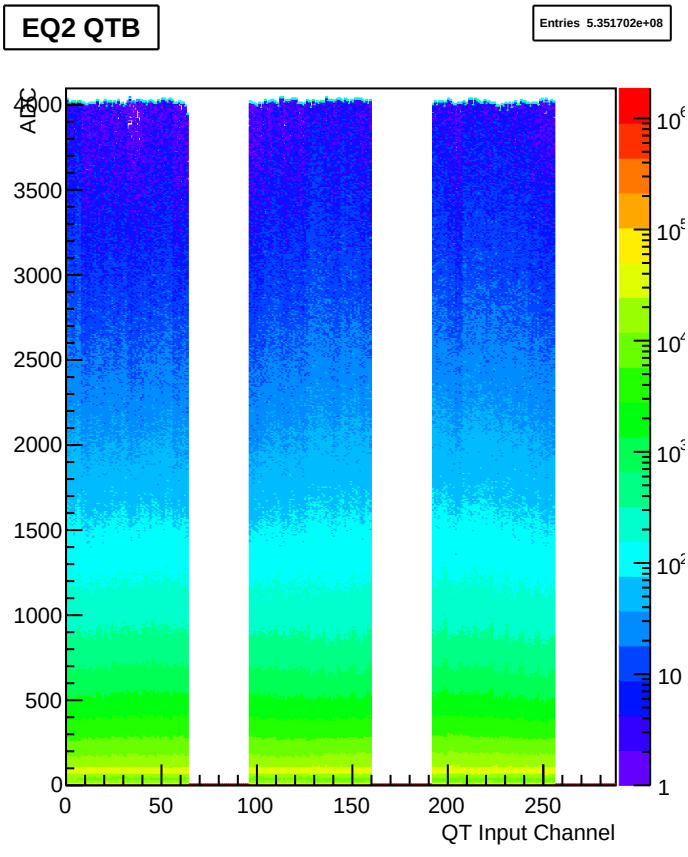

BBQ-VP002 West
Entries 2.973168e+07
TAC
QT Input Channel

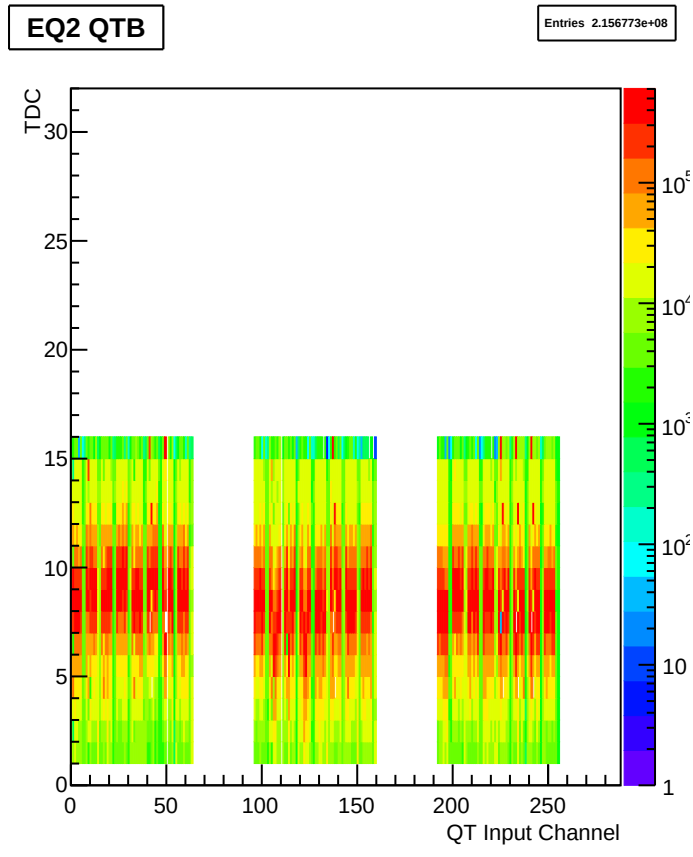

EQ1 QTB
Entries 5.351702e+08
ADC
QT Input Channel

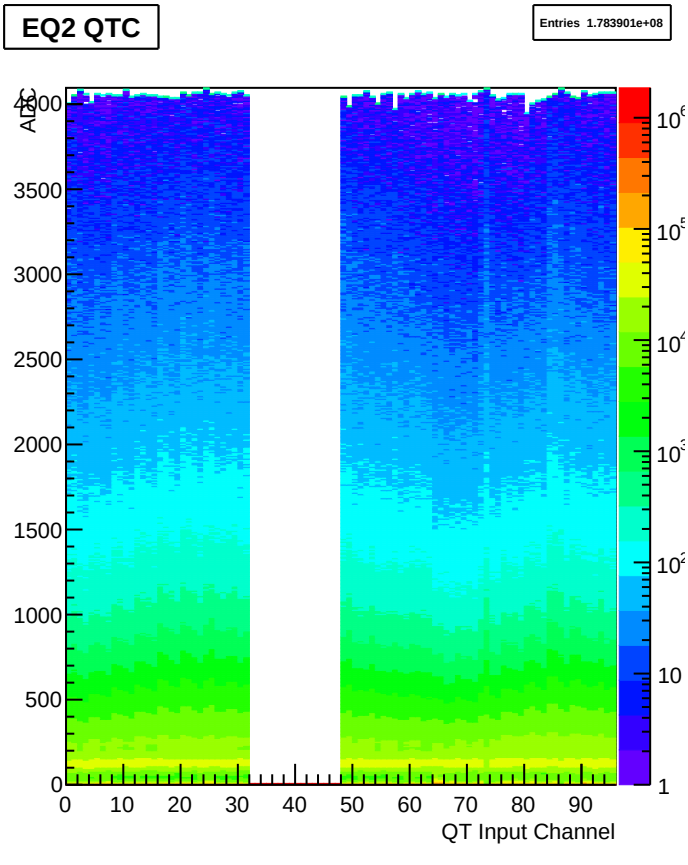

EQ1 QTB
Entries 1.509968e+08
TDC
QT Input Channel

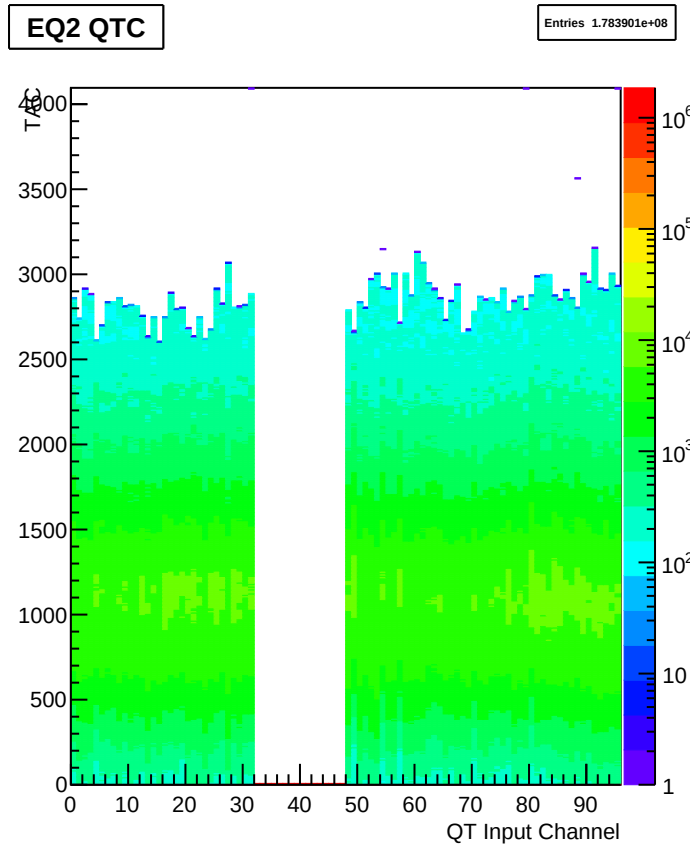

EQ1 QTC
Entries 1.783901e+08
ADC
QT Input Channel

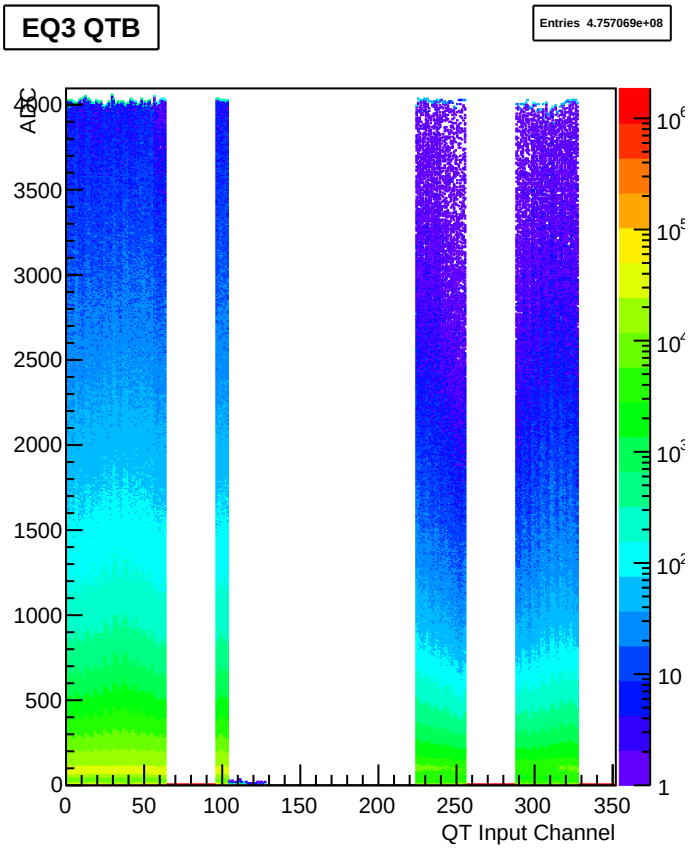

EQ1 QTC
Entries 1.783901e+08
TADC
QT Input Channel

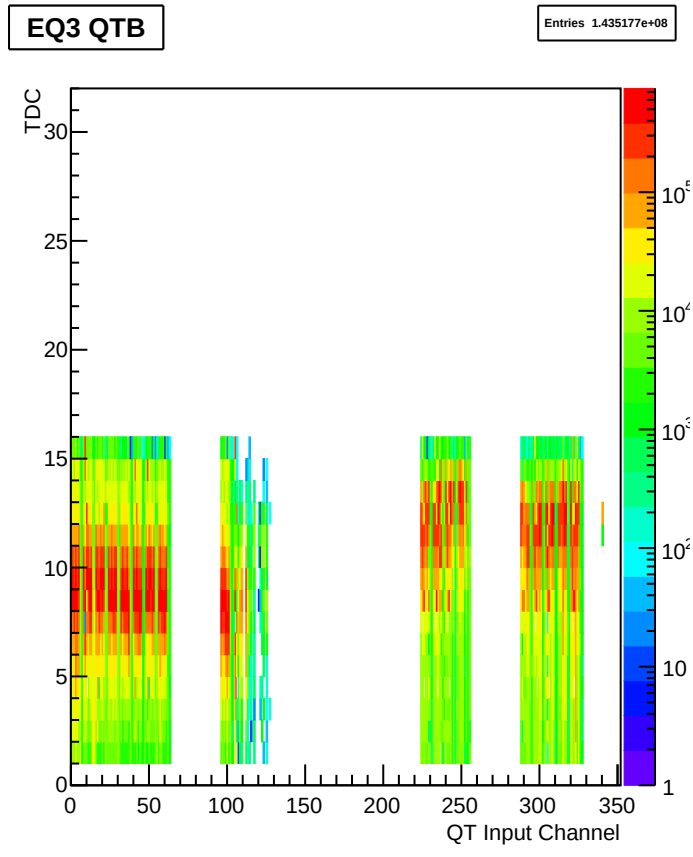

EQ2 QTB
Entries 5.351702e+08
ADC
QT Input Channel

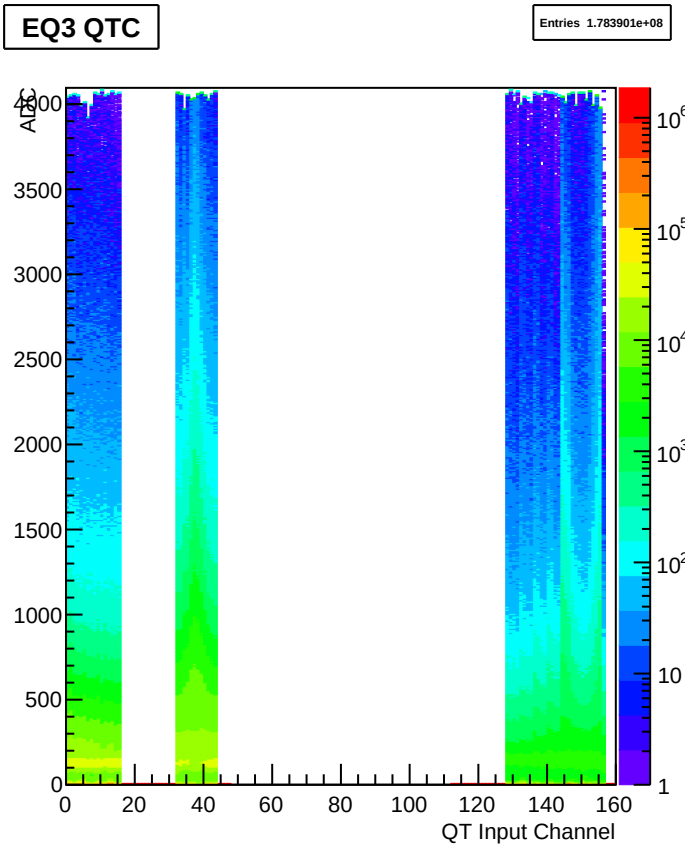

EQ2 QTB
Entries 2.156773e+08
TDC
QT Input Channel

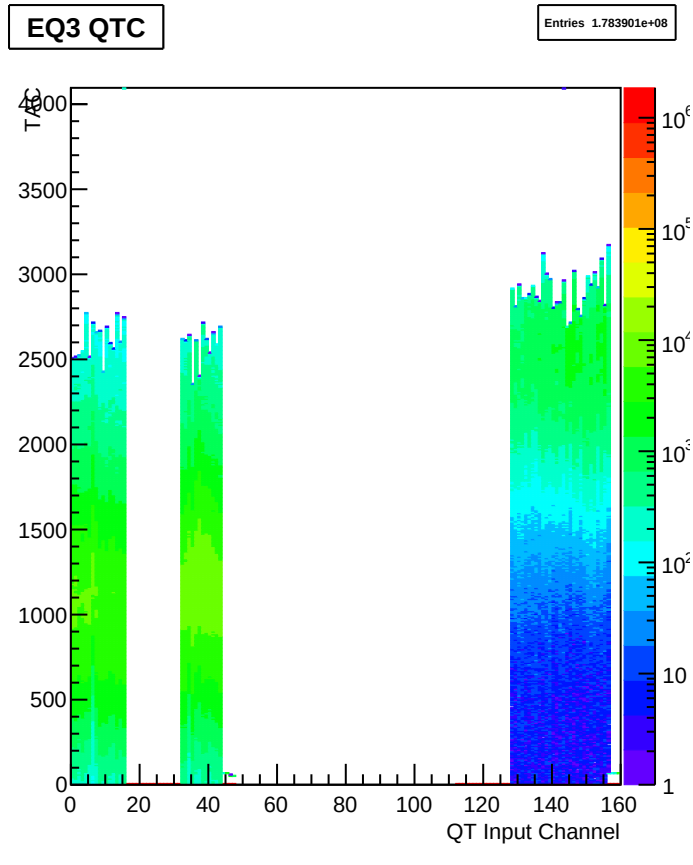

EQ2 QTC
Entries 1.783901e+08
ADC
QT Input Channel

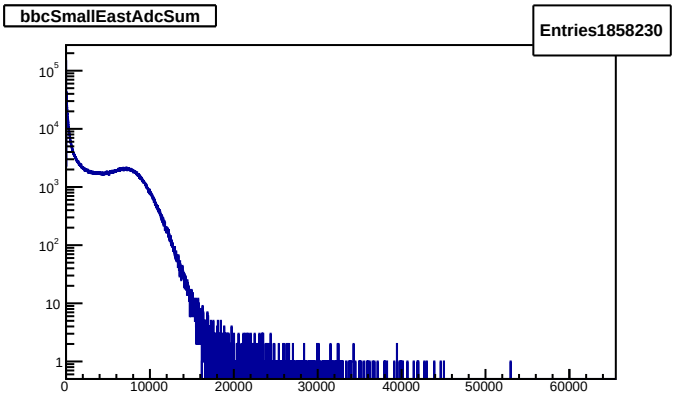

EQ2 QTC
Entries 1.783901e+08
TADC
QT Input Channel

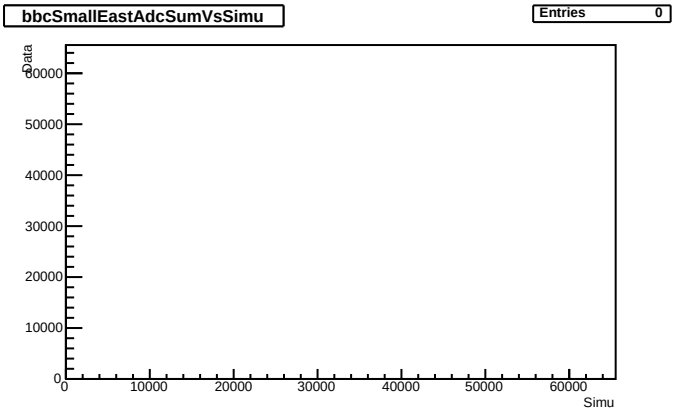

EQ3 QTB
Entries 4.757069e+08
ADC
QT Input Channel

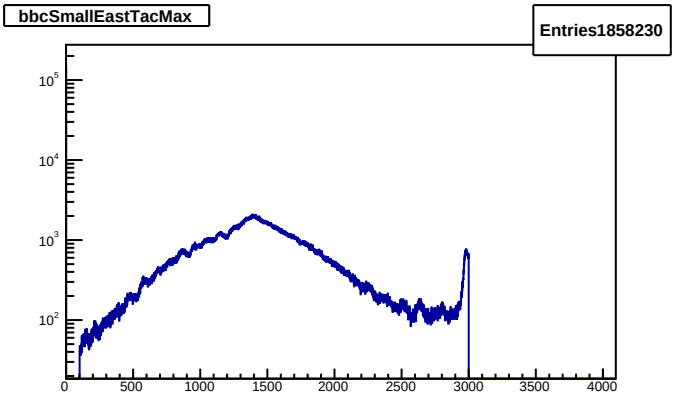

EQ3 QTB
Entries 1.435177e+08
TDC
QT Input Channel


EQ3 QTC
Entries 1.783901e+08
ADC
QT Input Channel


EQ3 QTC
Entries 1.783901e+08
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries1858230


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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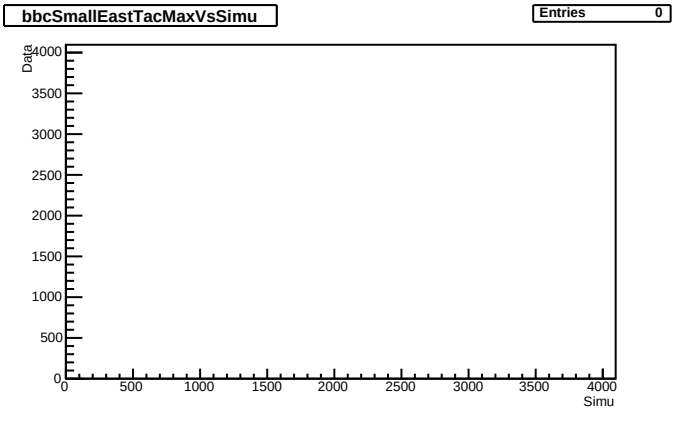
Entries1858230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Entries 0
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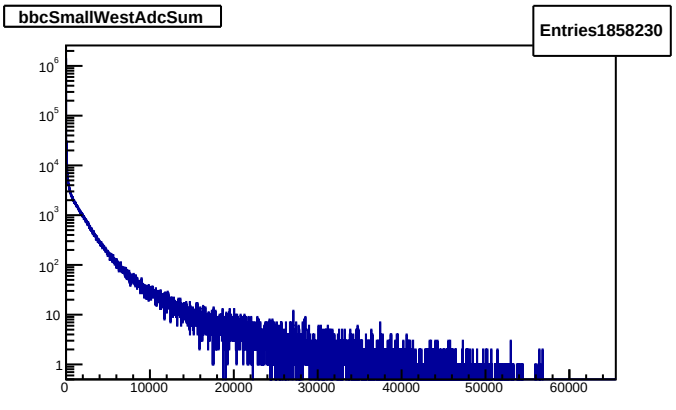
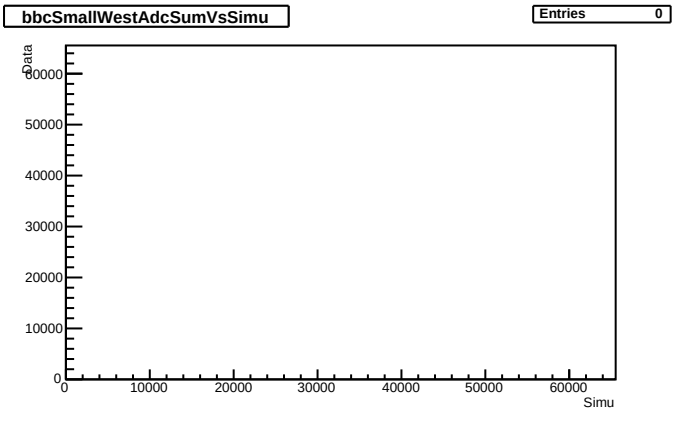
Simu


bbcSmallWestAdcSum
Entries1858230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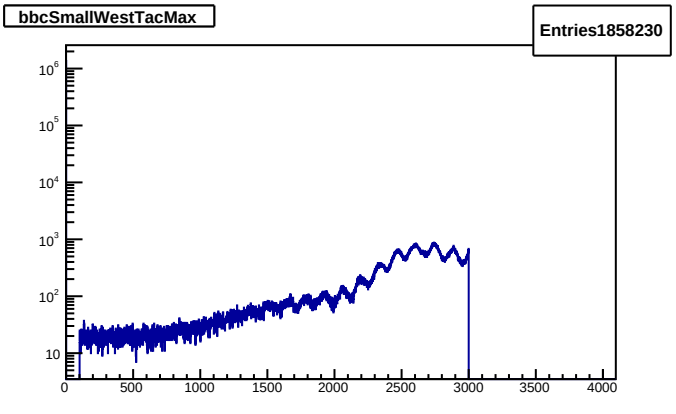
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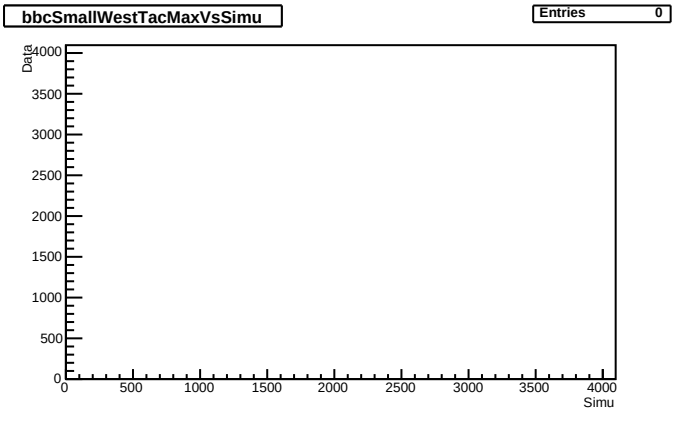
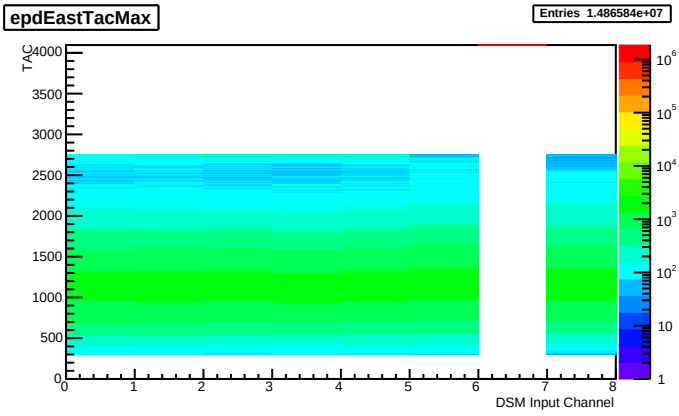
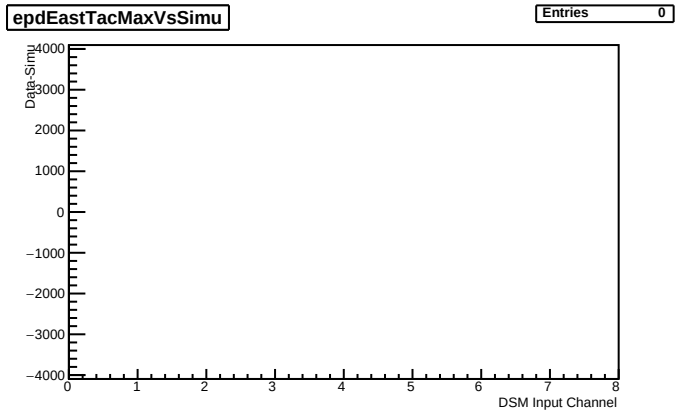
Entries1858230


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 1.486584e+07
TAC
DSM Input Channel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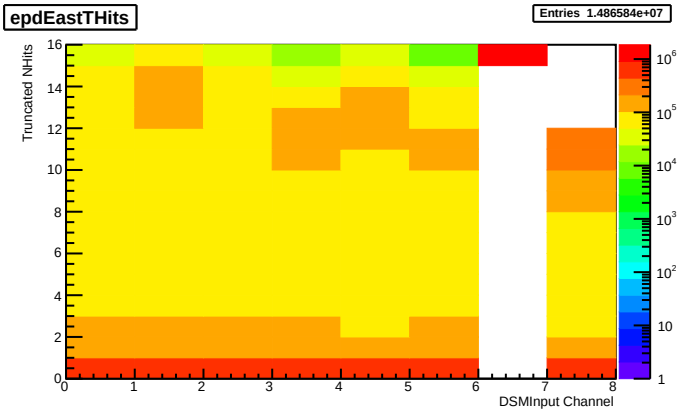
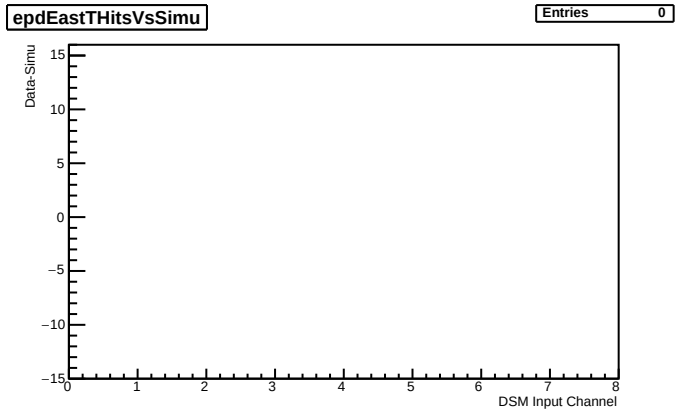
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1.486584e+07
Truncated NHits
DSMInput Channel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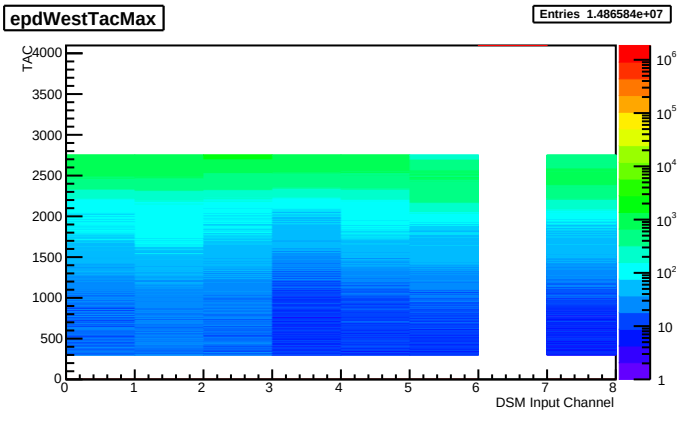
Data-Simu
DSM Input Channel


epdWestTacMax
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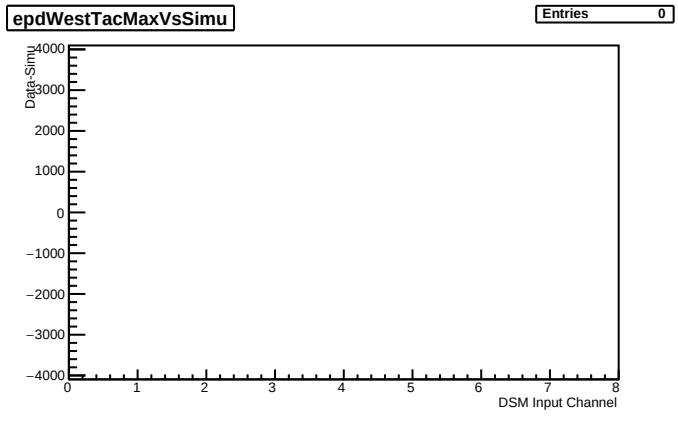
TAC
DSM Input Channel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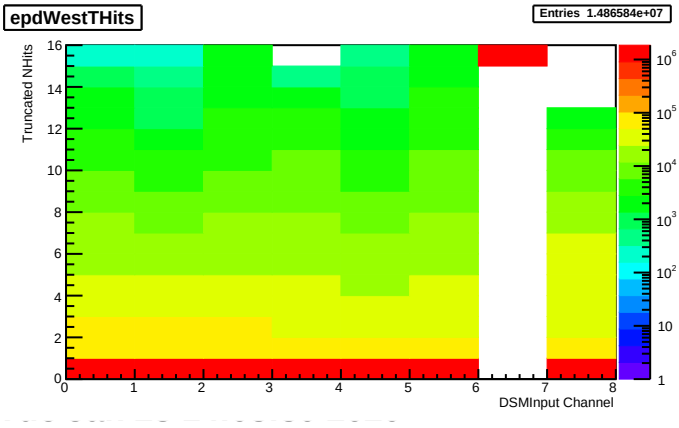
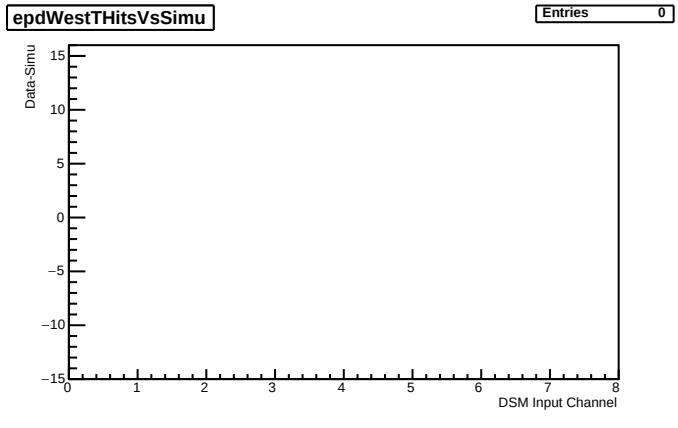
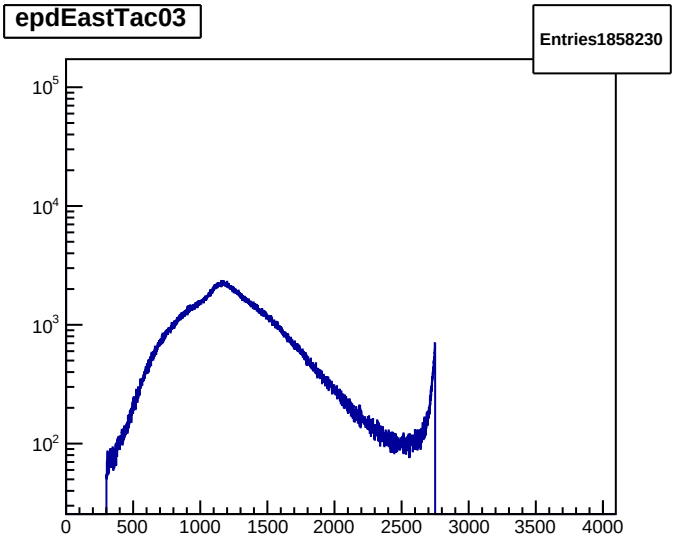
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1.486584e+07
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel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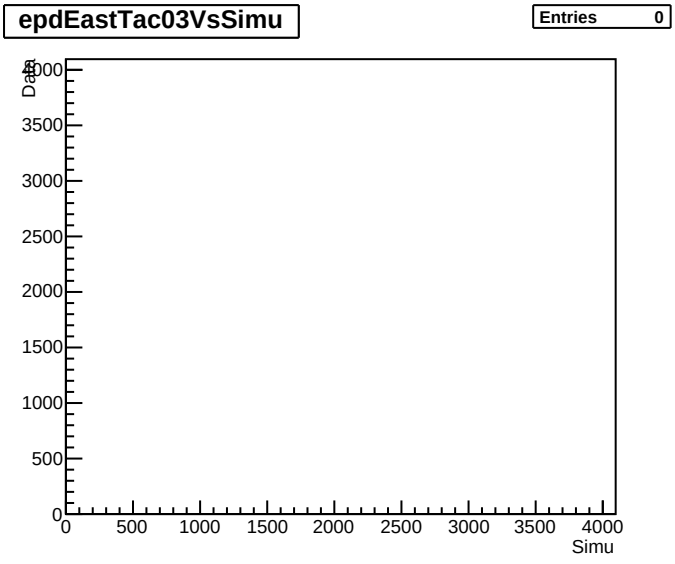
Entries1858230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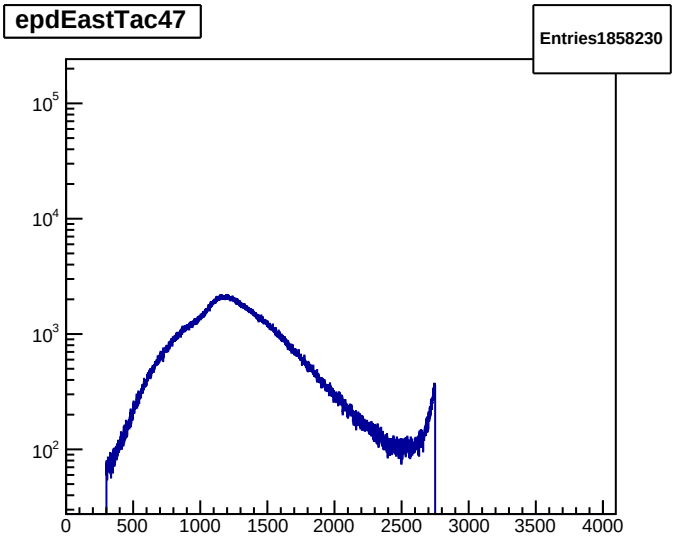
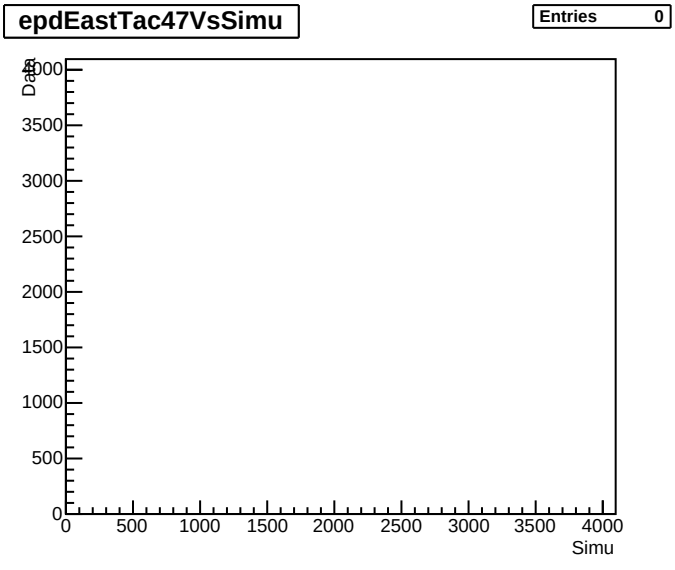
Entries 0
Data
Simu


epdEastTac47
Entries1858230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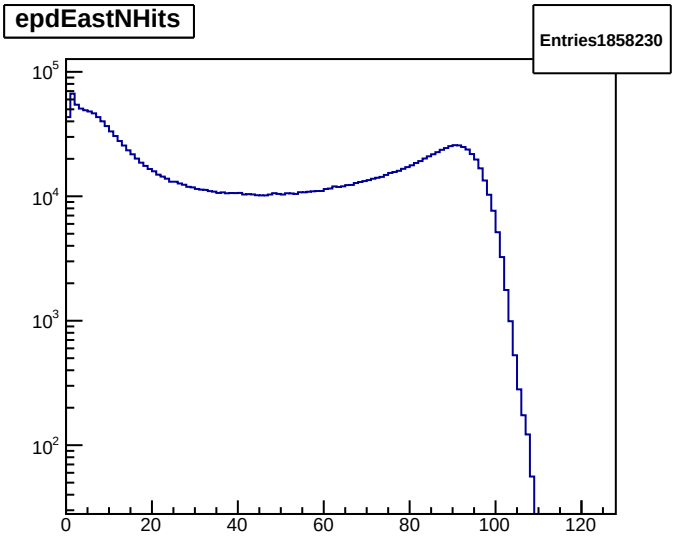
Entries 0
Data
Simu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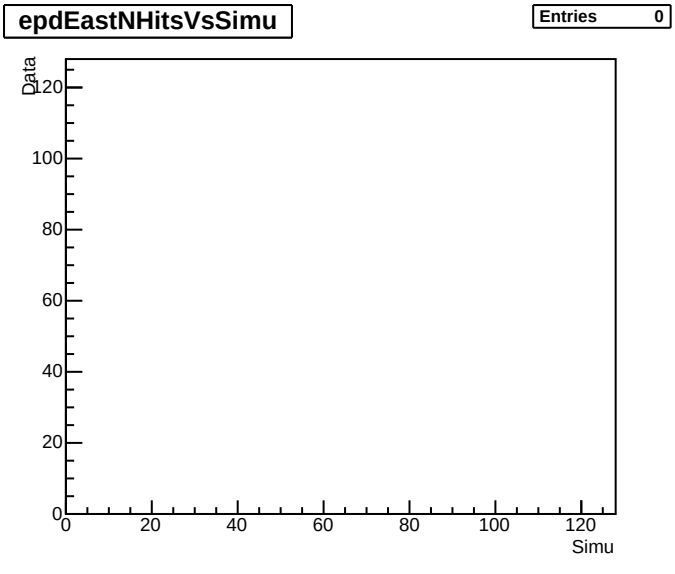
Entries1858230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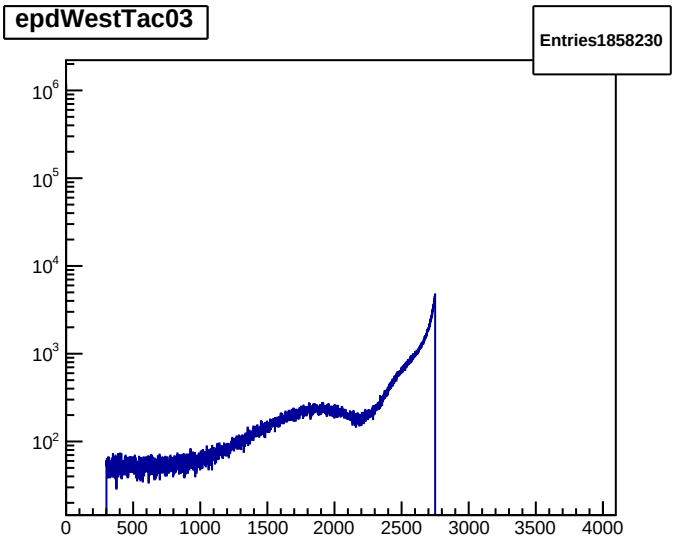
Entries 0
Data
Simu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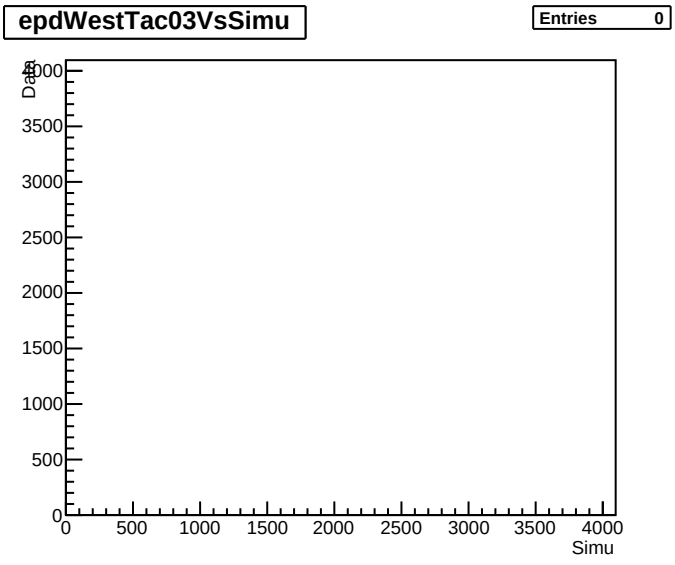
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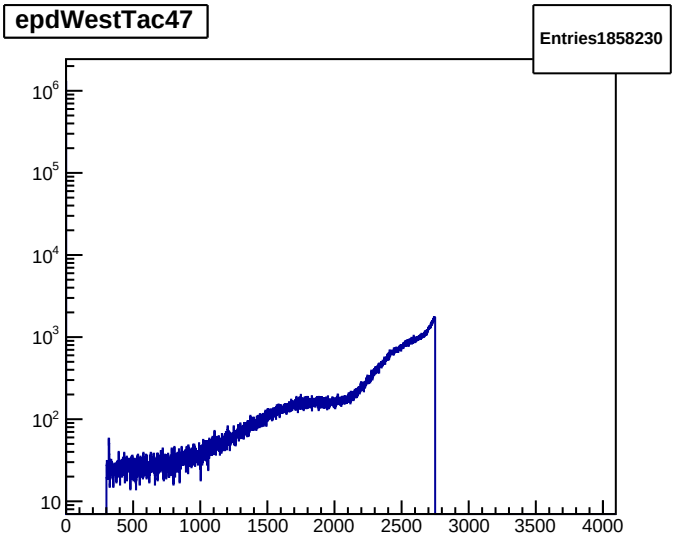
Entries 0
Data
Simu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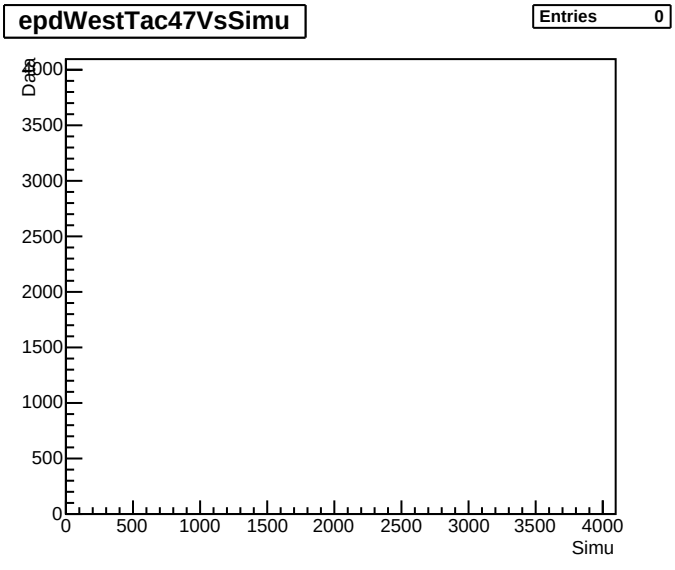
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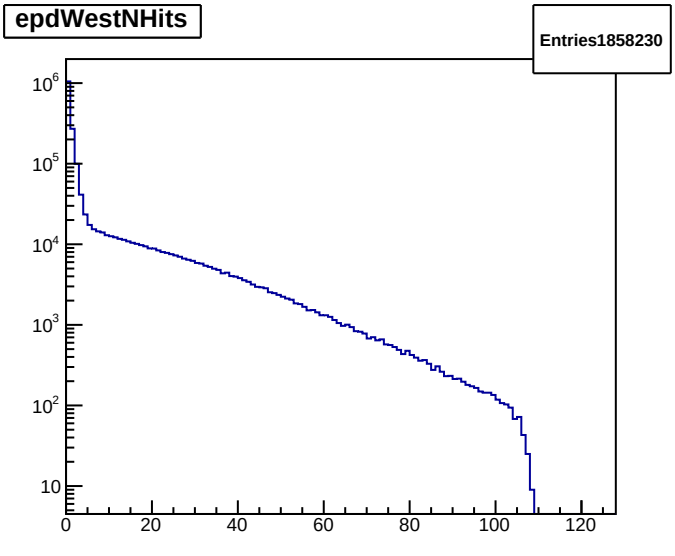
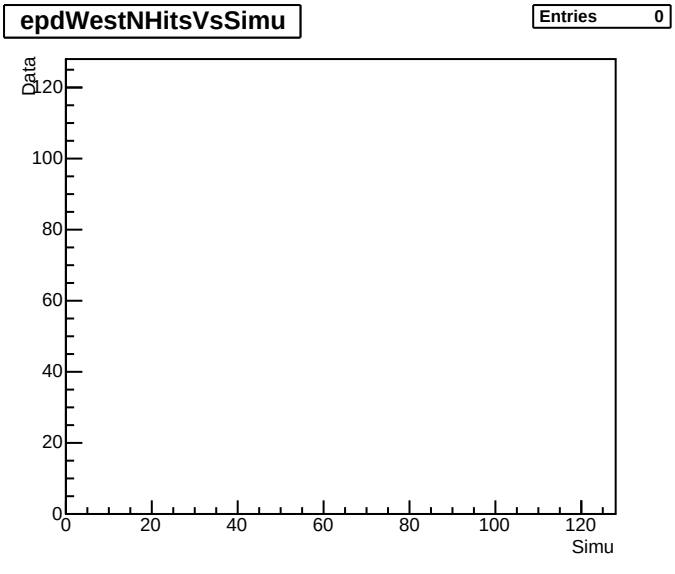
Entries 0
Data
Simu


epdWestNHits
Entries1858230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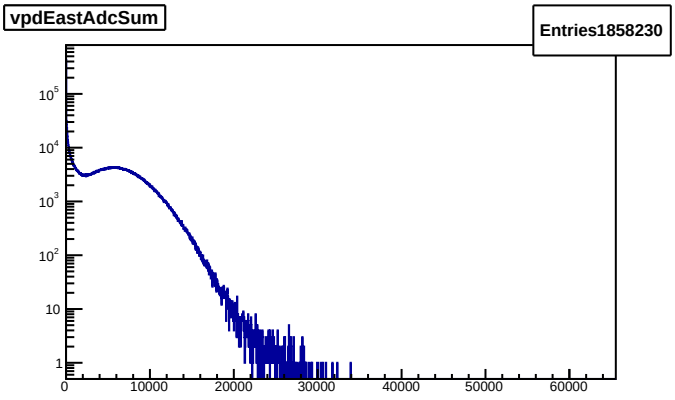
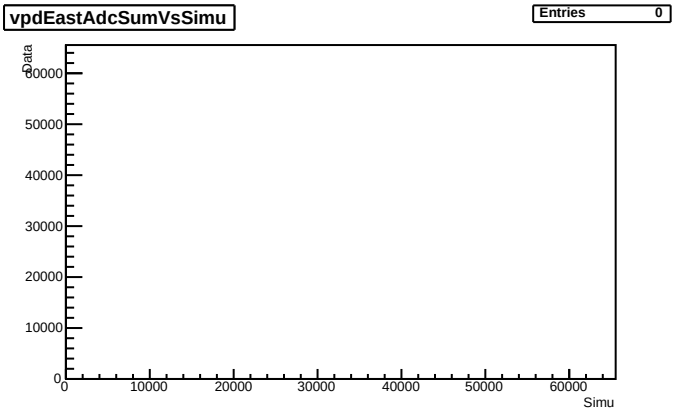
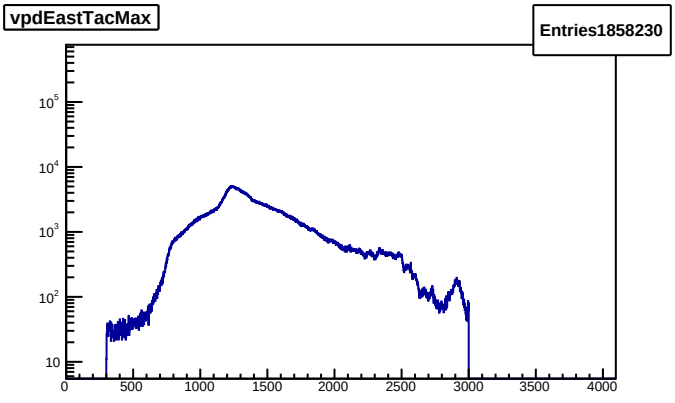
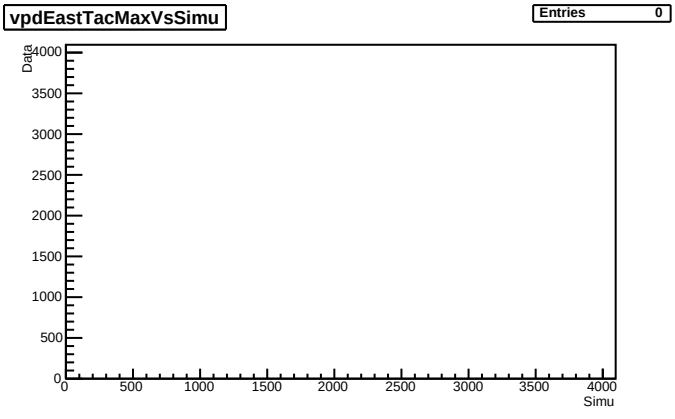
Entries 0
Data
Simu


vpdEastAdcSum
Entries1858230


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries1858230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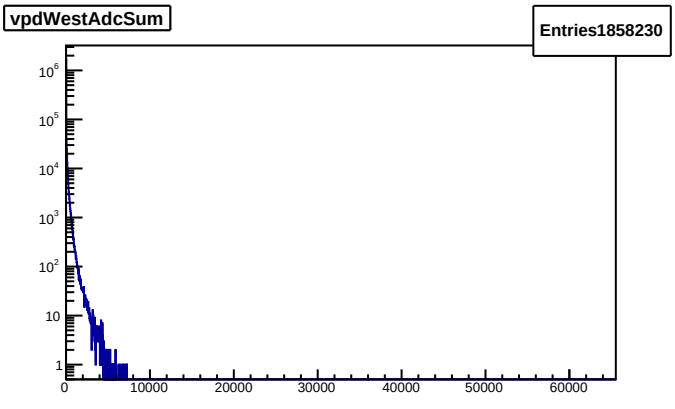
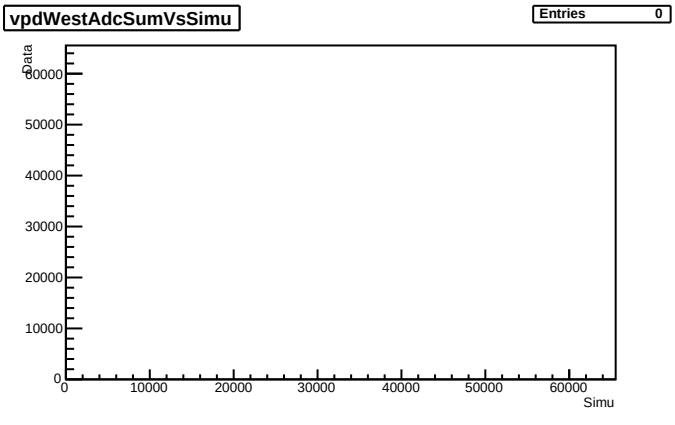
Entries 0
Data
Simu


vpdWestAdcSum
Entries1858230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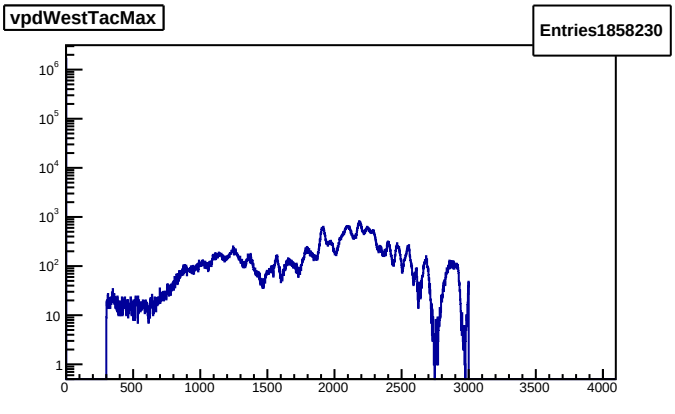
Entries 0
Data
Simu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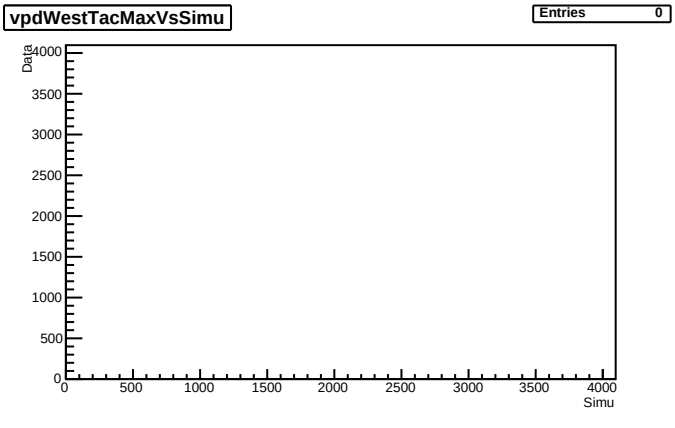
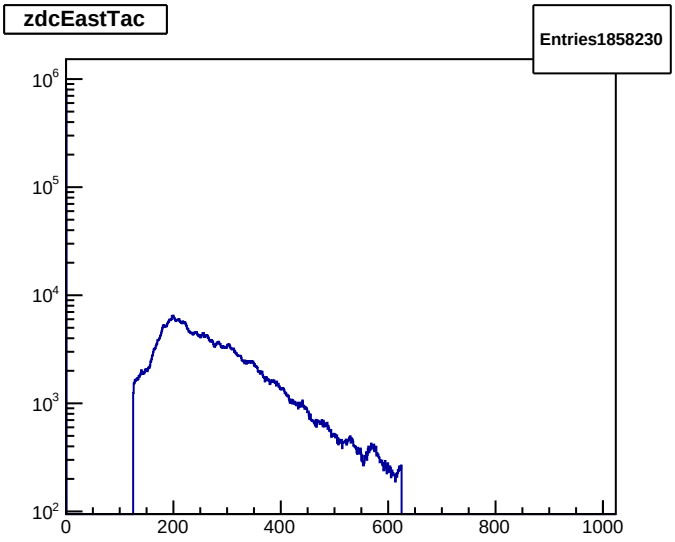
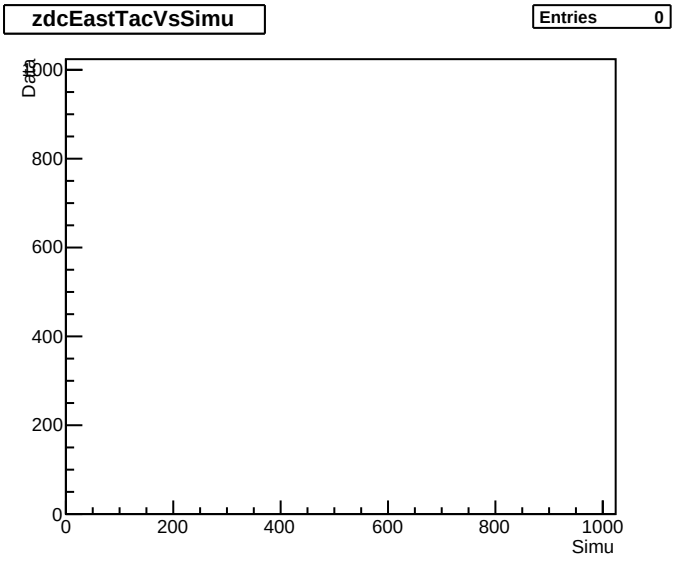
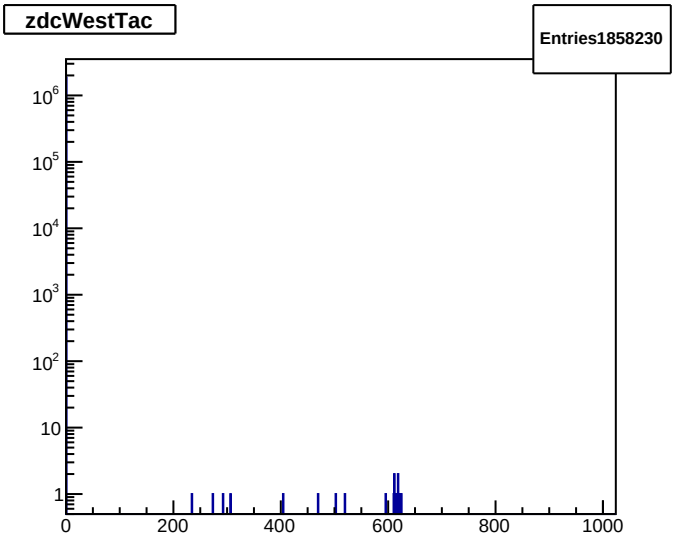
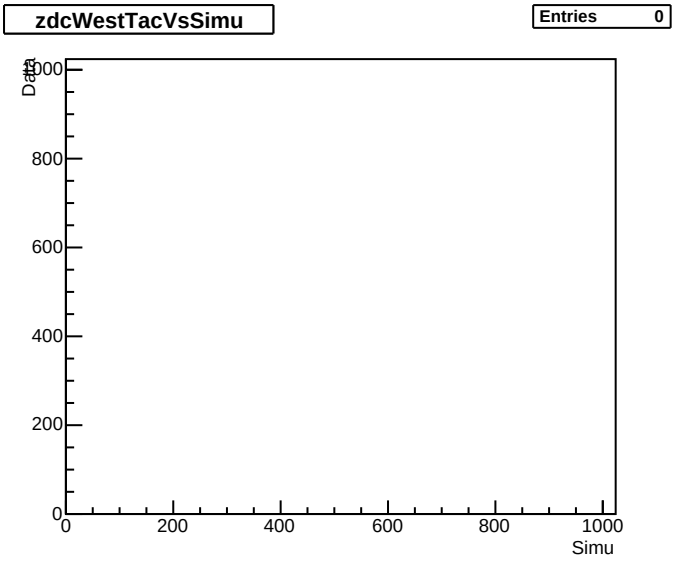
Entries1858230

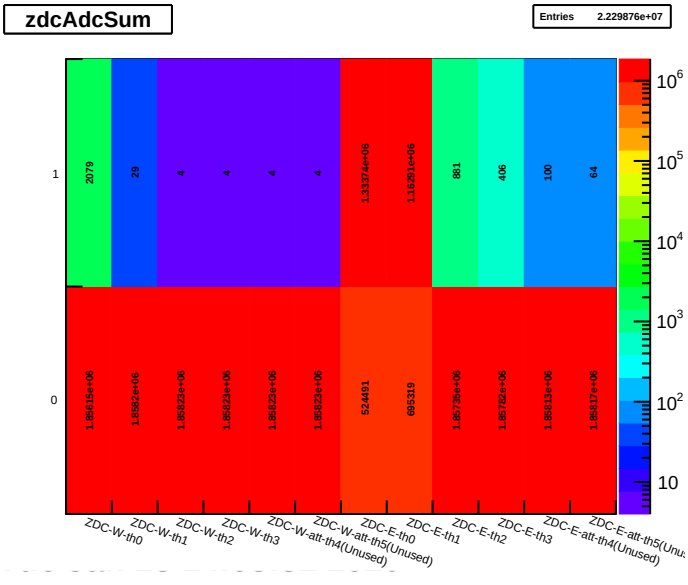

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

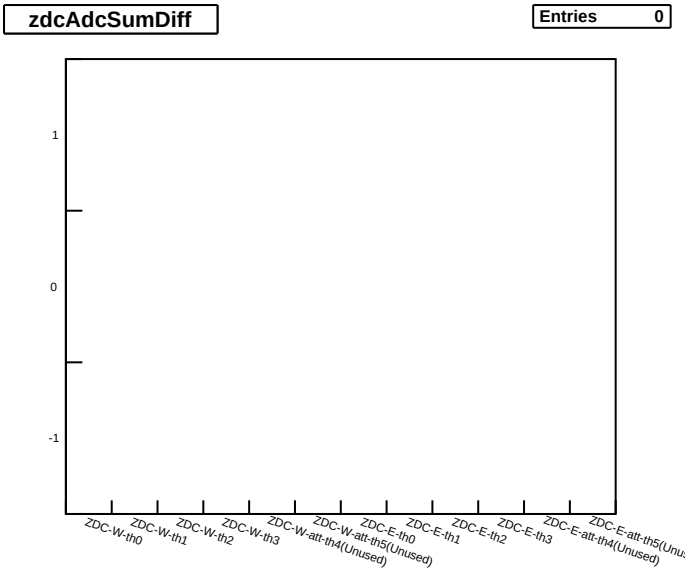

zdcEastTac
Entries1858230

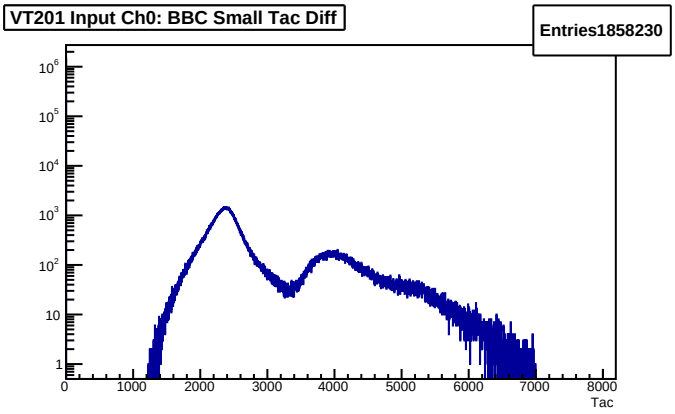

zdcEastTacVsSimu
Entries 0
Data
Simu

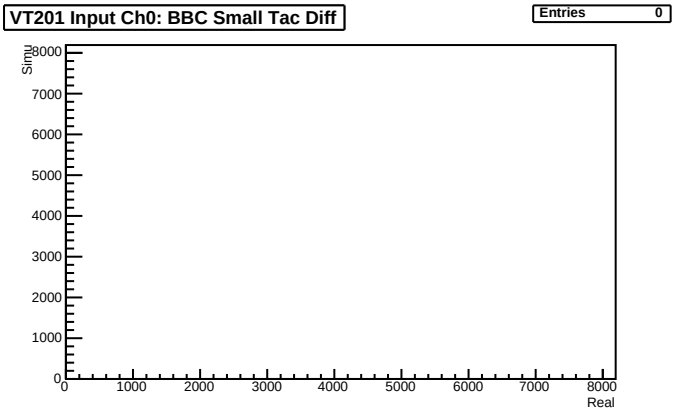

zdcWestTac
Entries1858230

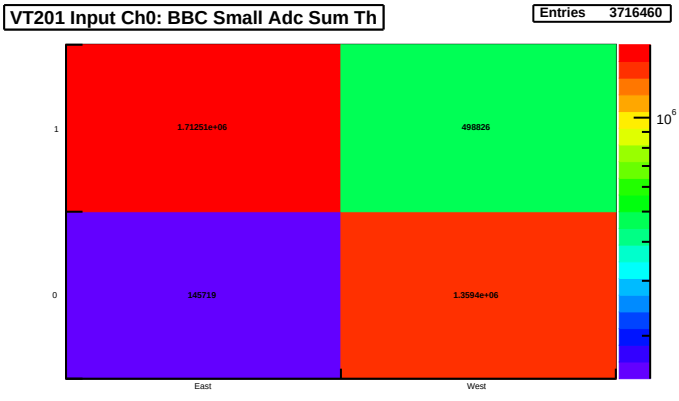

zdcWestTacVsSimu
Entries 0
Data
Simu

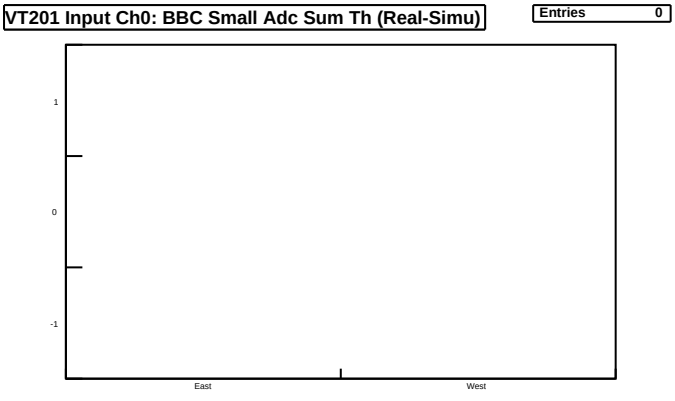

zdcAdcSum
Entries 2.229876e+07
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

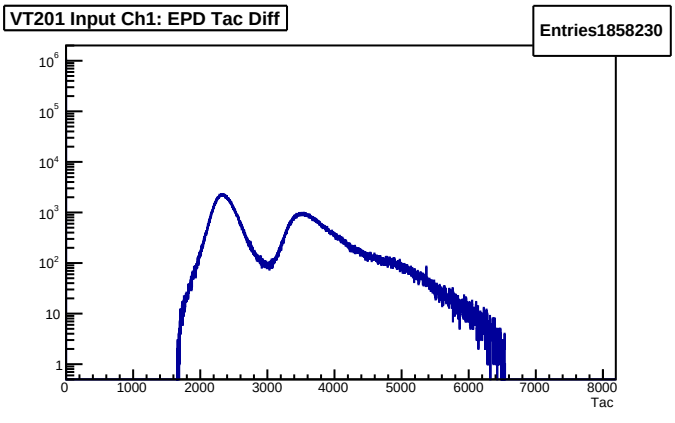

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

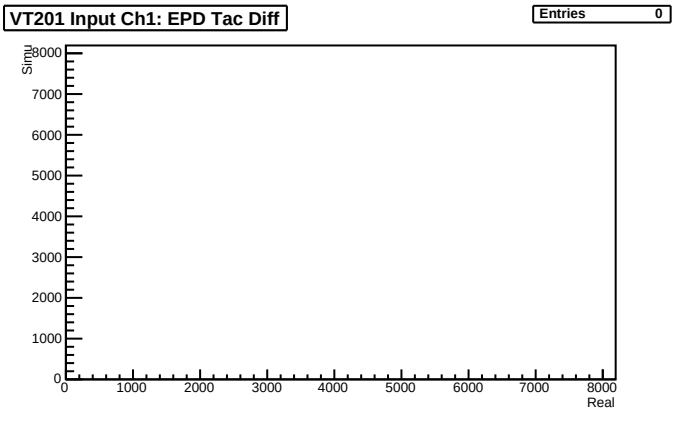

VT201 Input Ch0: BBC Small Tac Diff
Entries1858230
Tac

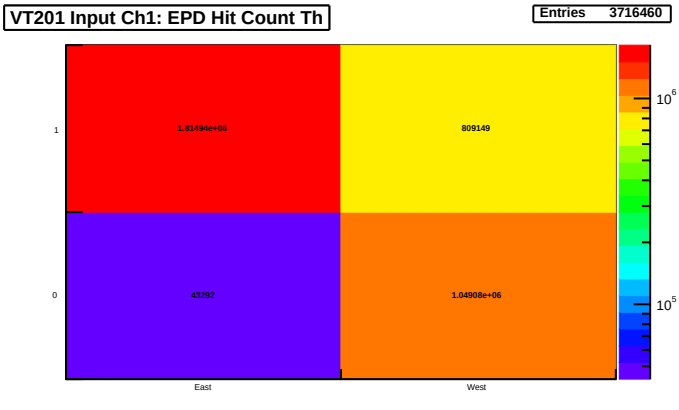

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

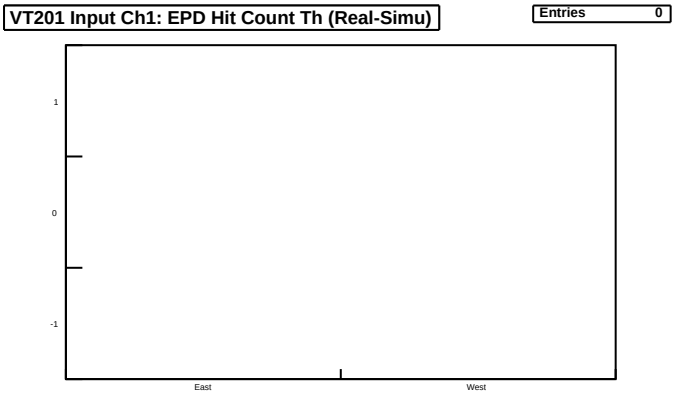

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 3716460
1.71251e+06
498826
145719
1.3594e+06
East
West

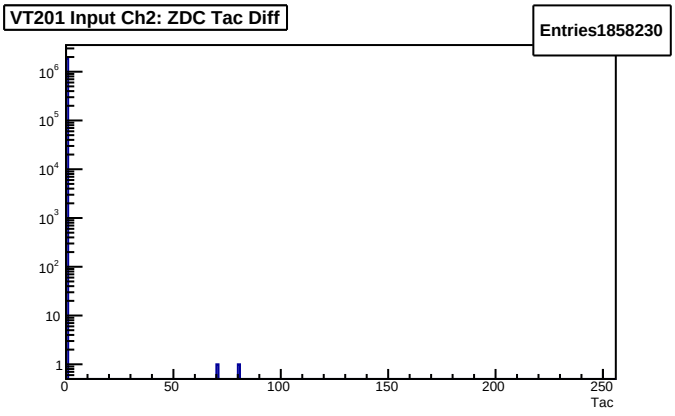

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

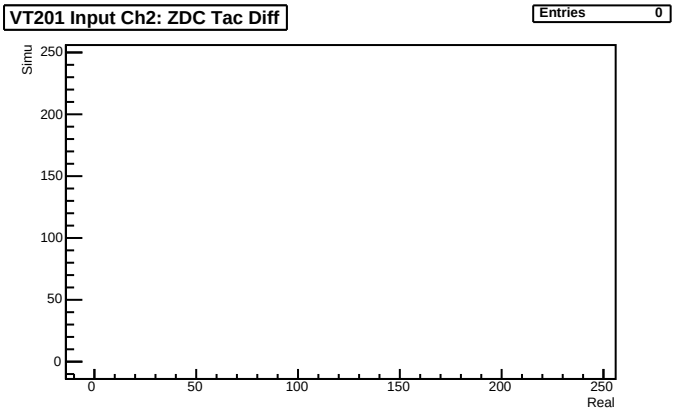

VT201 Input Ch1: EPD Tac Diff
Entries1858230
Tac

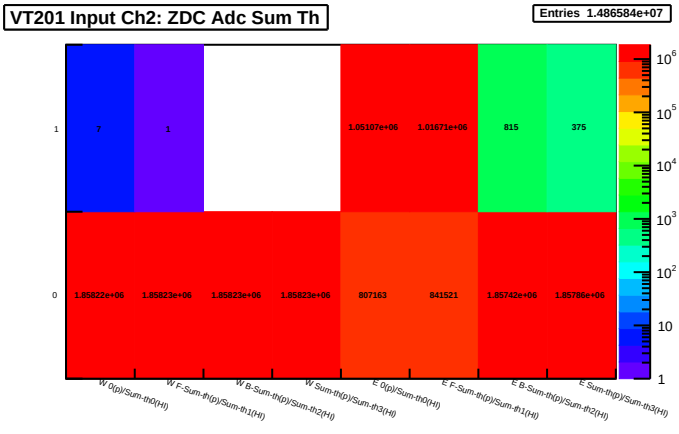

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

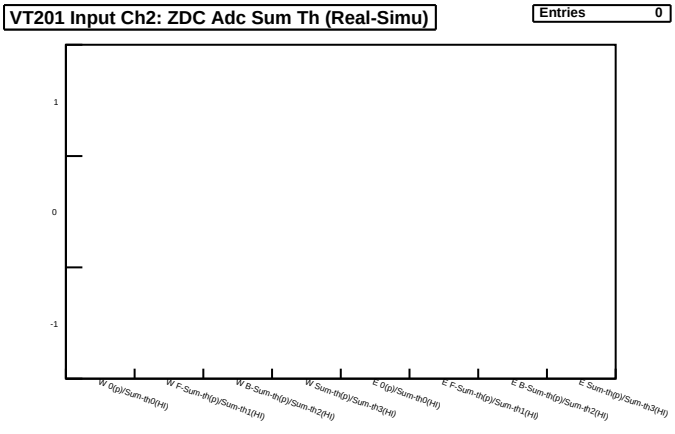

VT201 Input Ch1: EPD Hit Count Th
Entries 3716460
1.81494e+06
809149
43292
1.04908e+06
East
West

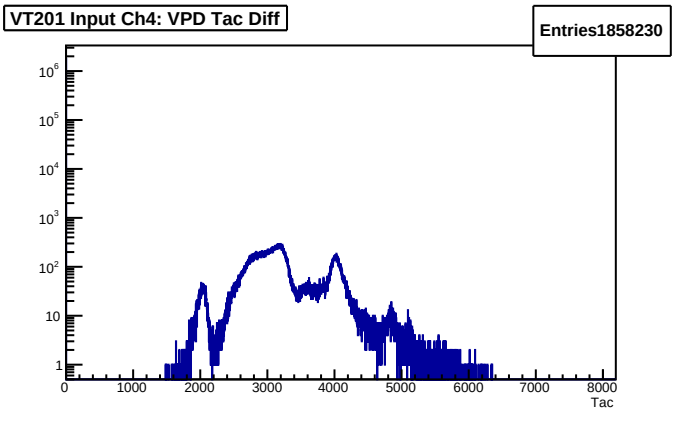

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

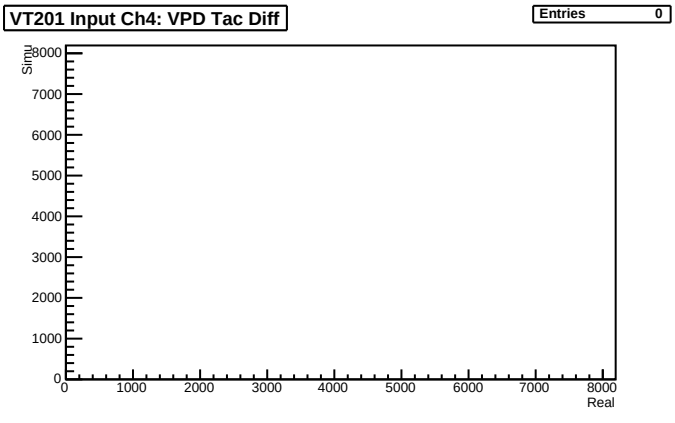

VT201 Input Ch2: ZDC Tac Diff
Entries1858230
Tac

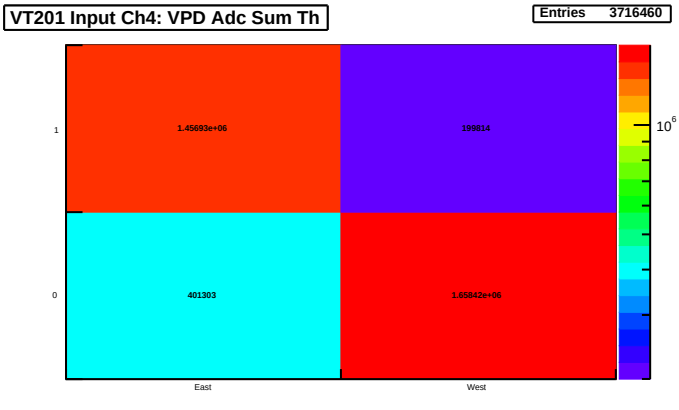

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

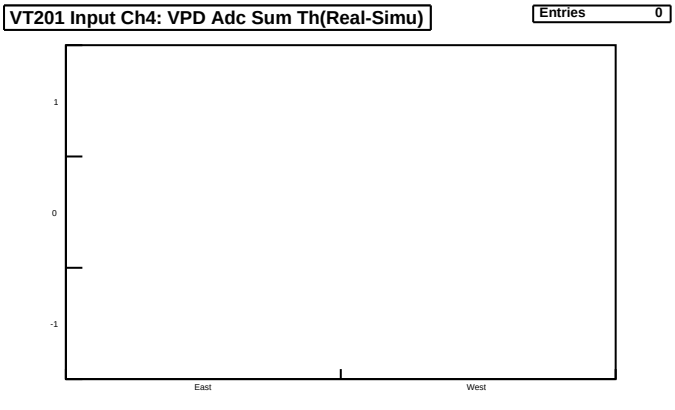

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1.486584e+07
7
1
1.05107e+06
1.01671e+06
815
375
1.85822e+06
1.85823e+06
1.85823e+06
1.85823e+06
807163
841521
1.85742e+06
1.85786e+06
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

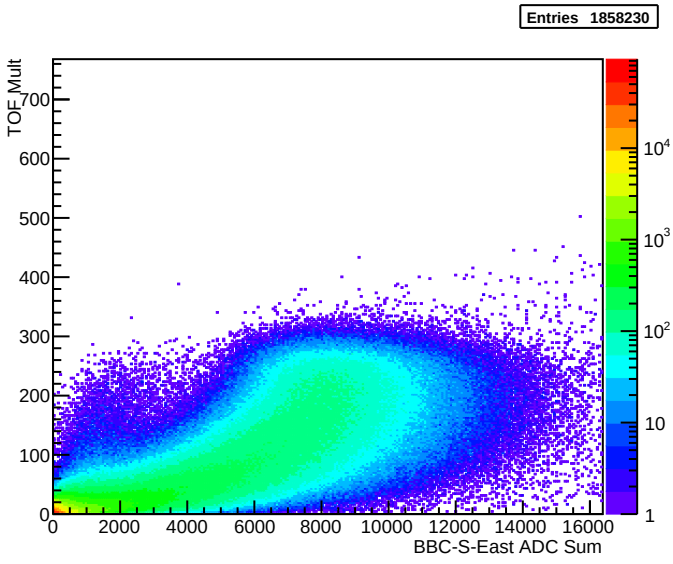

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

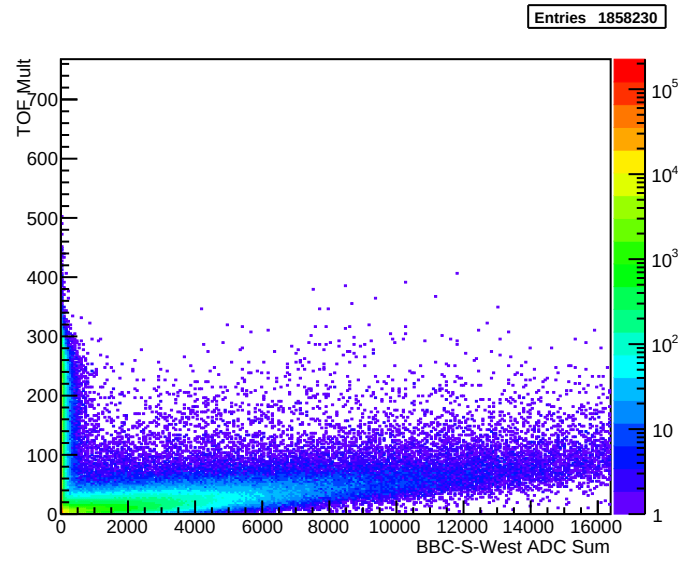

VT201 Input Ch4: VPD Tac Diff
Entries1858230
Tac

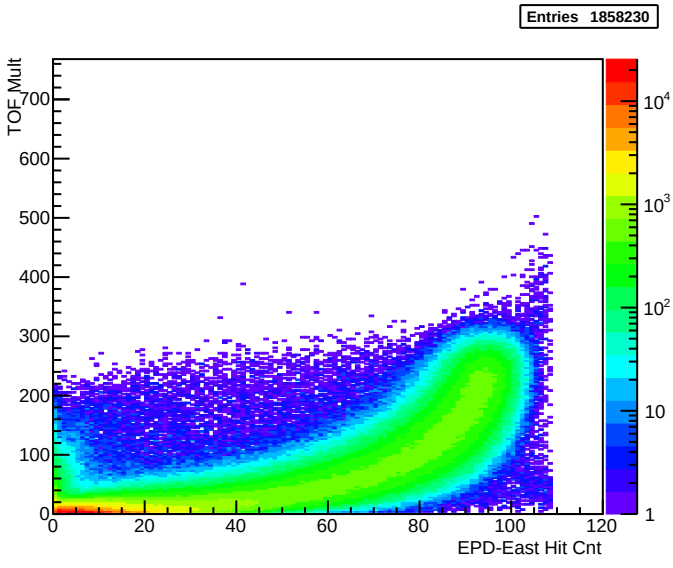

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

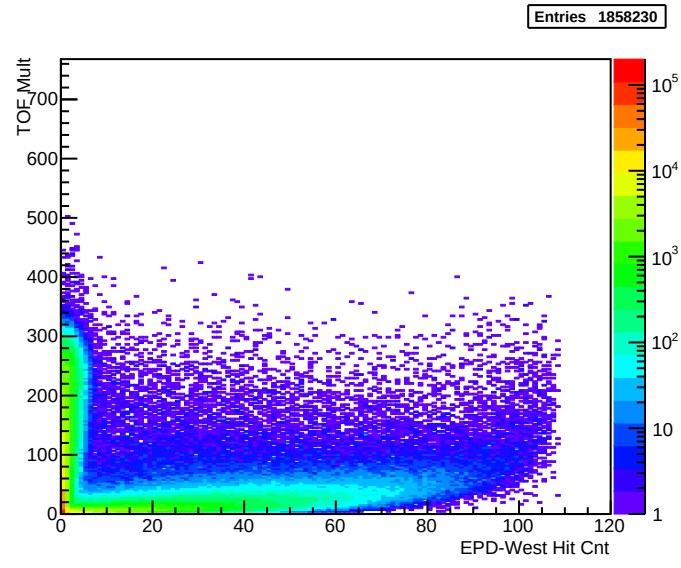

VT201 Input Ch4: VPD Adc Sum Th
Entries 3716460
1.45693e+06
199814
401303
1.65842e+06
East
West

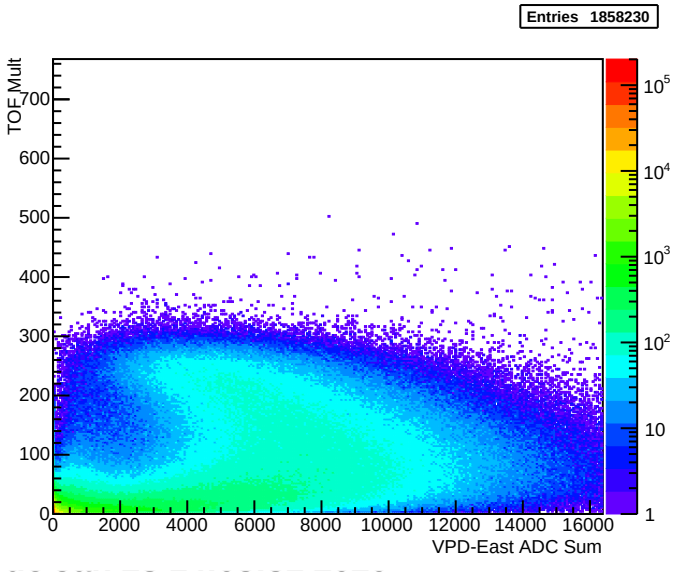

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

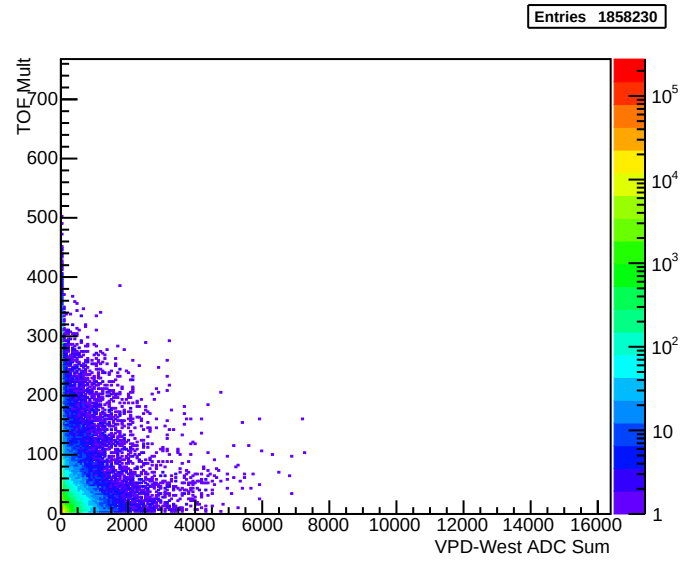

Entries 1858230
TOF_Mult
BBC-S-East ADC Sum

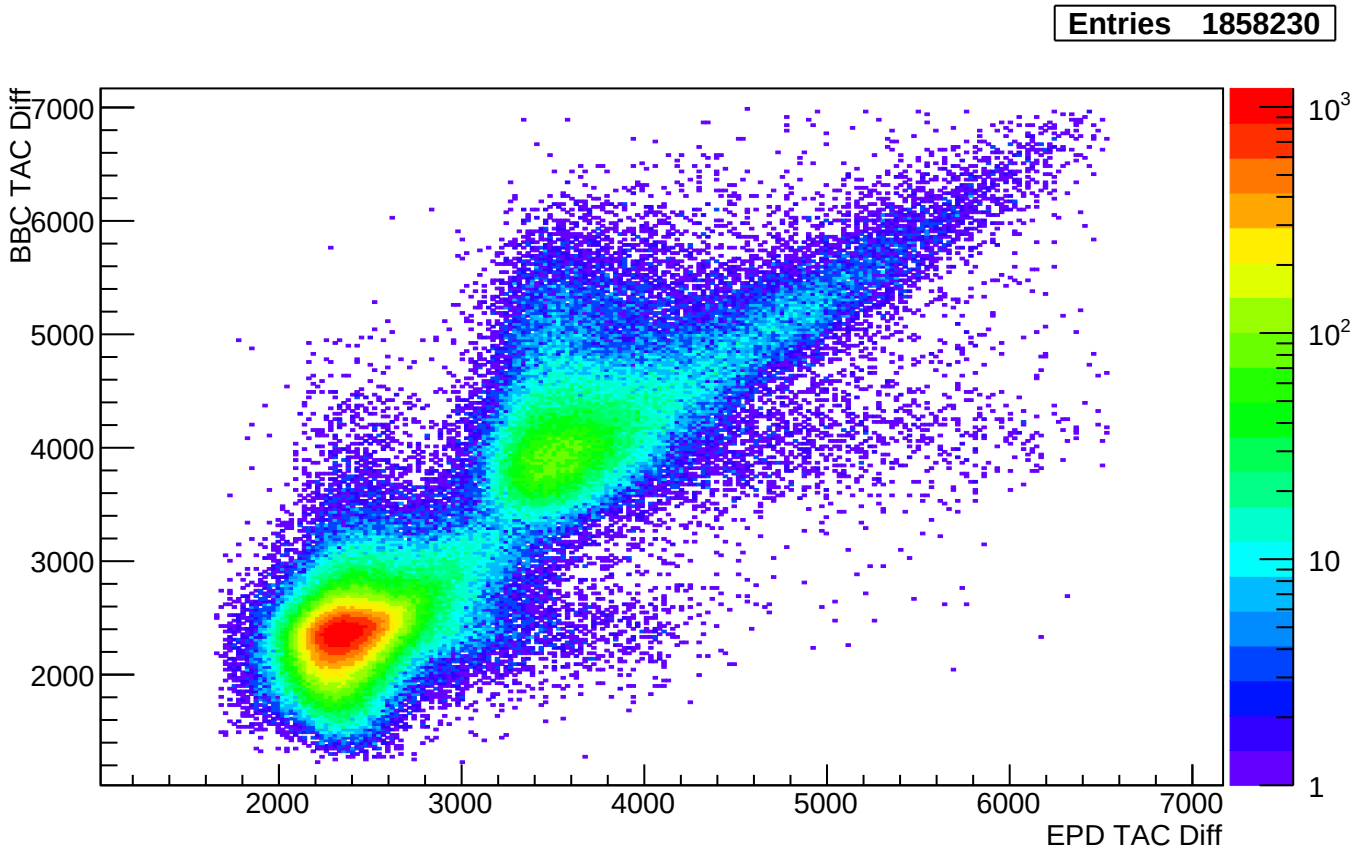

Entries 1858230
TOF_Mult
BBC-S-West ADC Sum

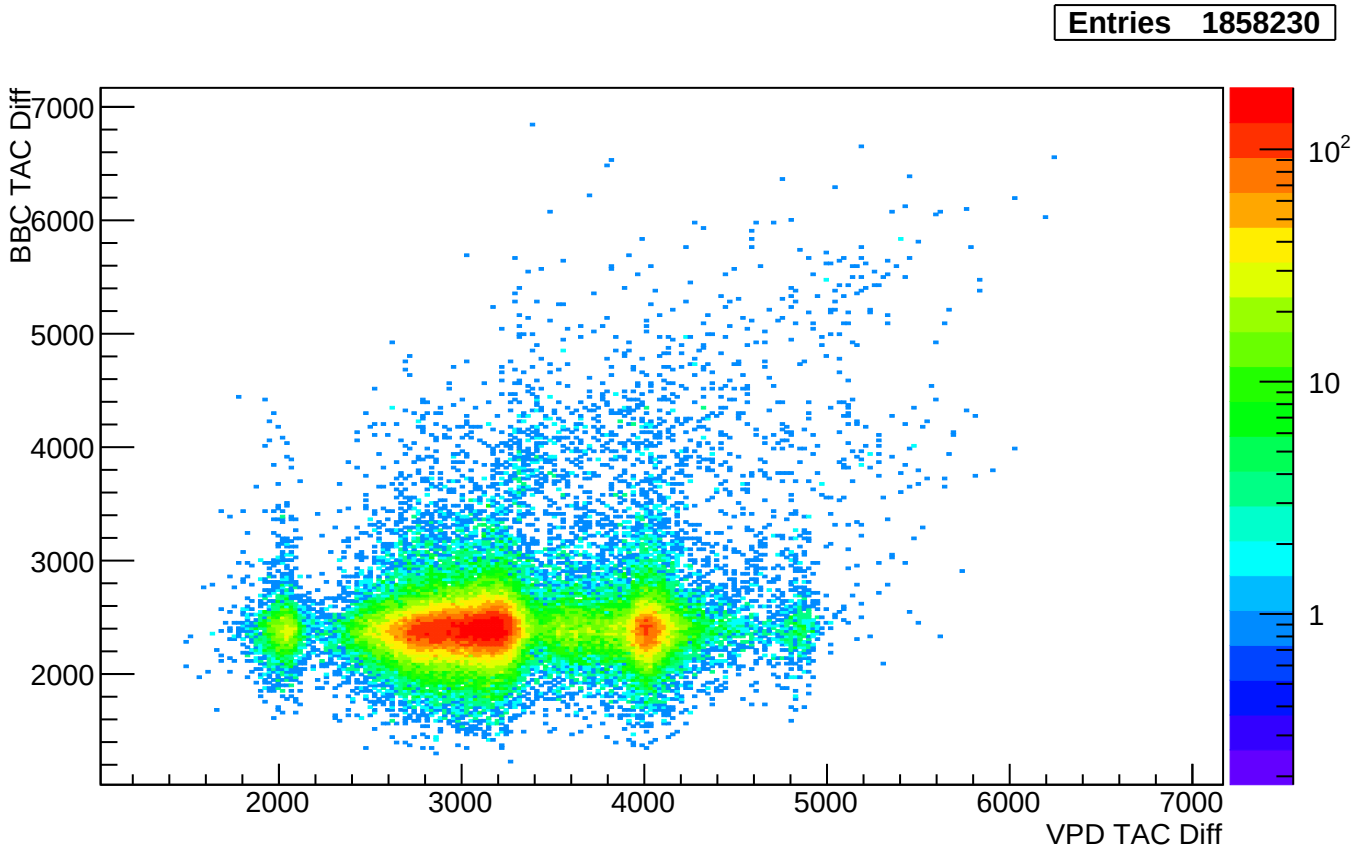

Entries 1858230
TOF_Mult
EPD-East Hit Cnt

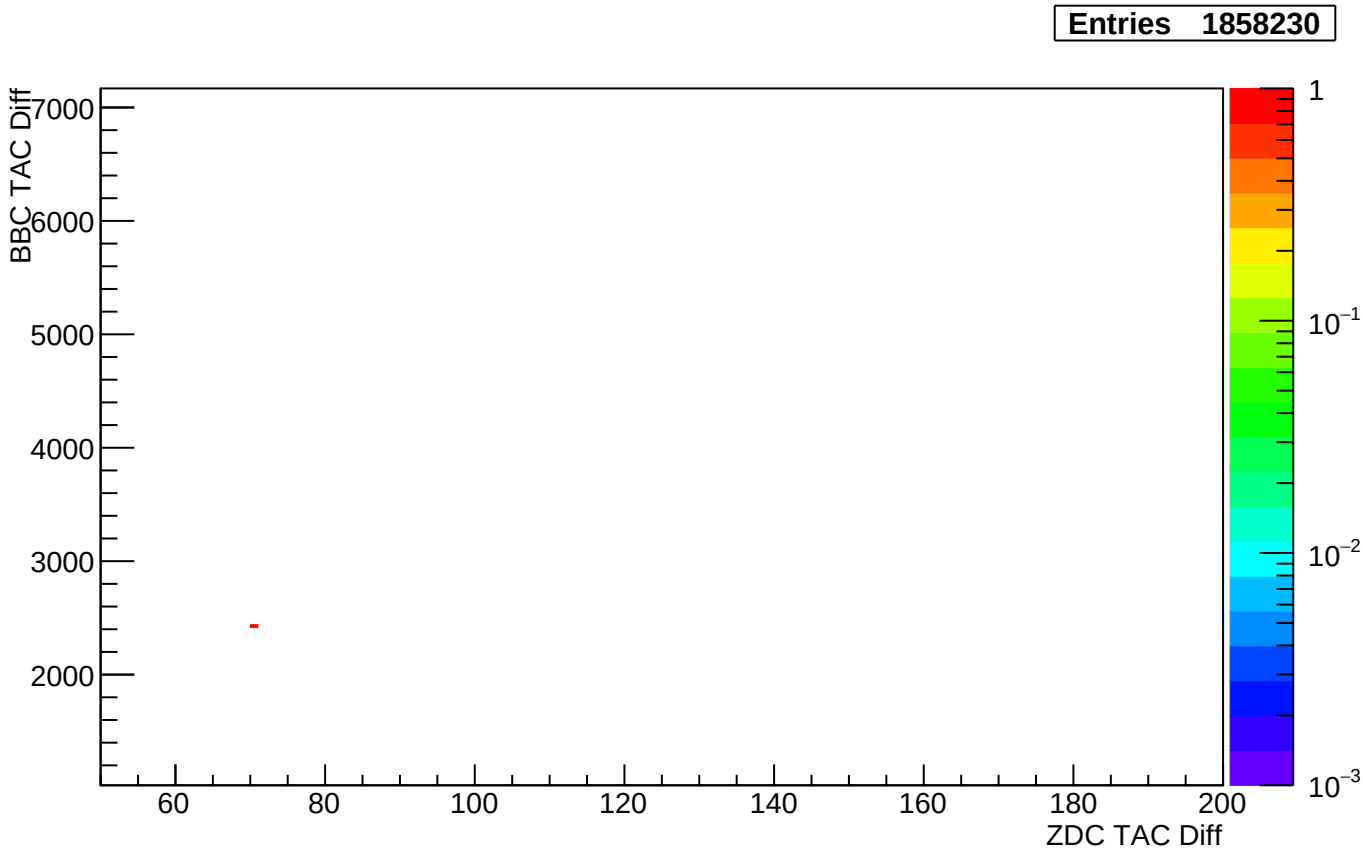

Entries 1858230
TOF_Mult
EPD-West Hit Cnt

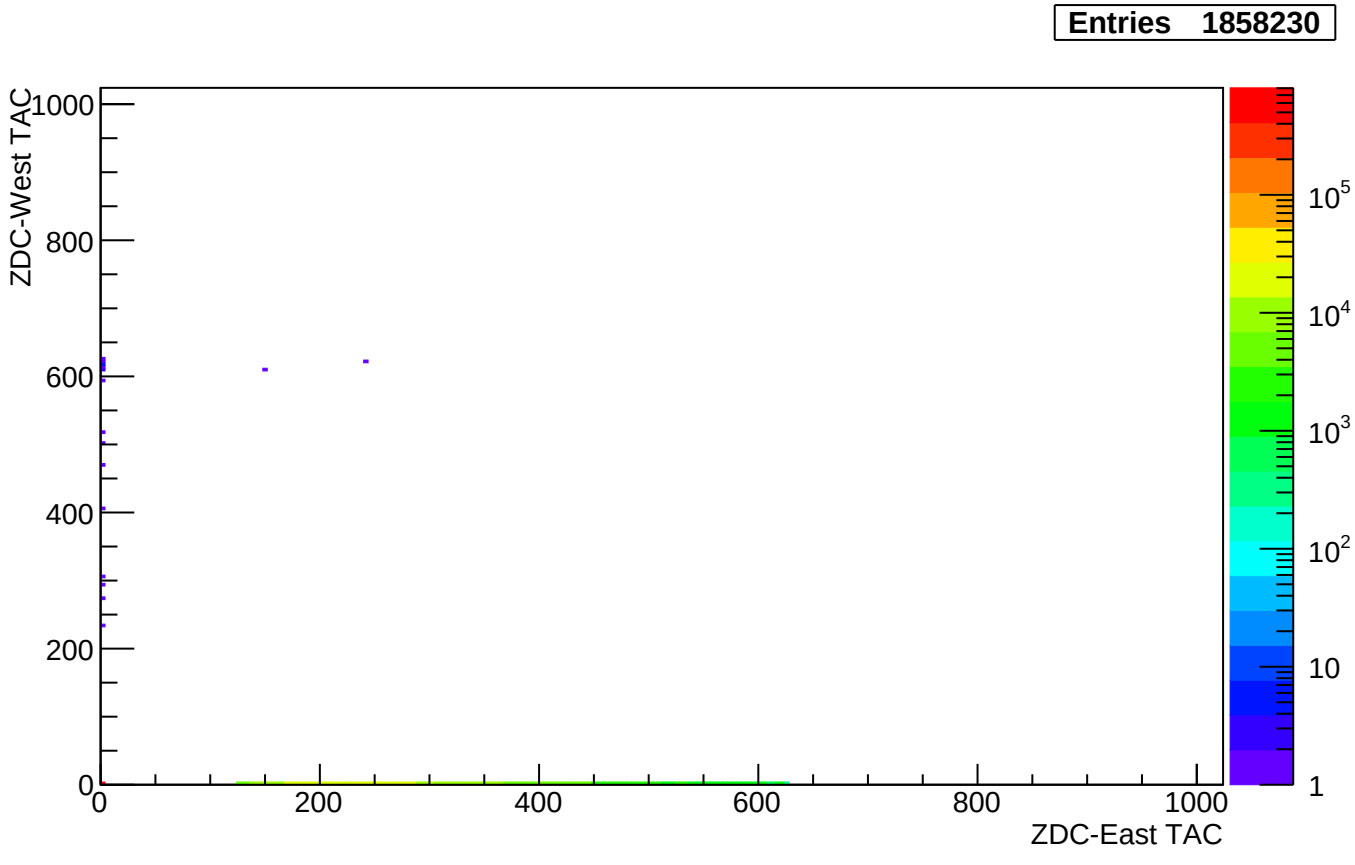

Entries 1858230
TOF_Mult
VPD-East ADC Sum

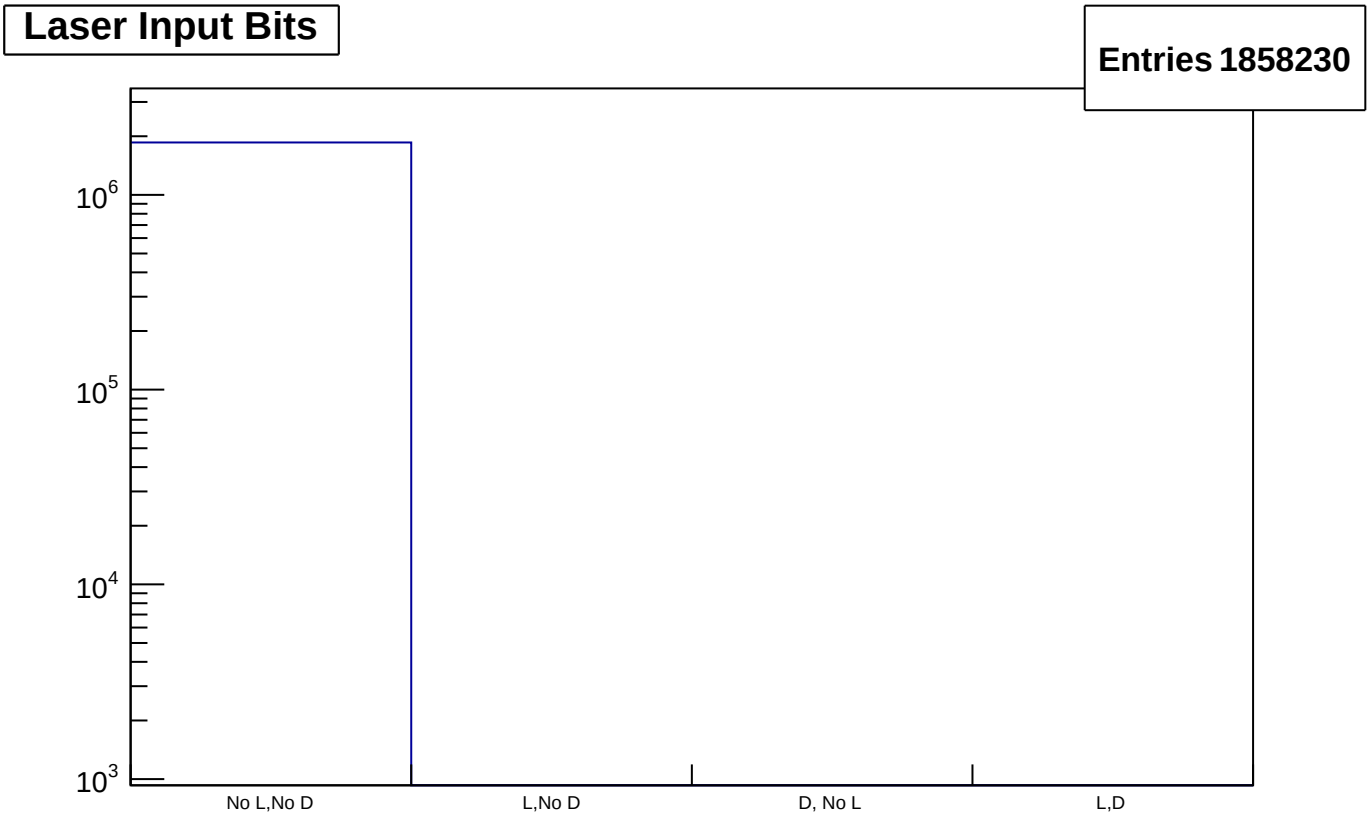

Entries 1858230
TOF_Mult
VPD-West ADC Sum

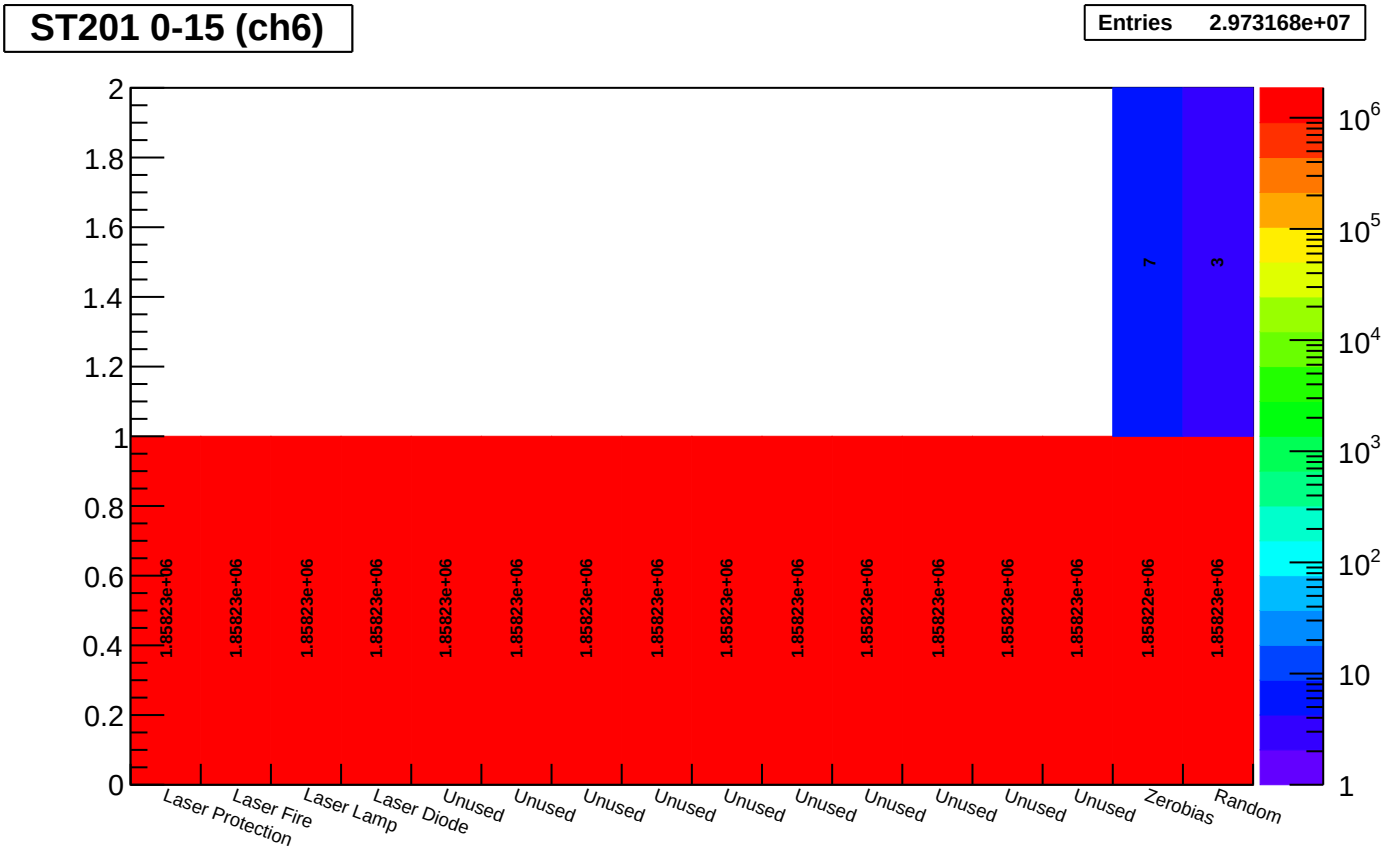

Entries 1858230
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^3
10^2
10
1


Entries 1858230
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1


Entries 1858230
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}

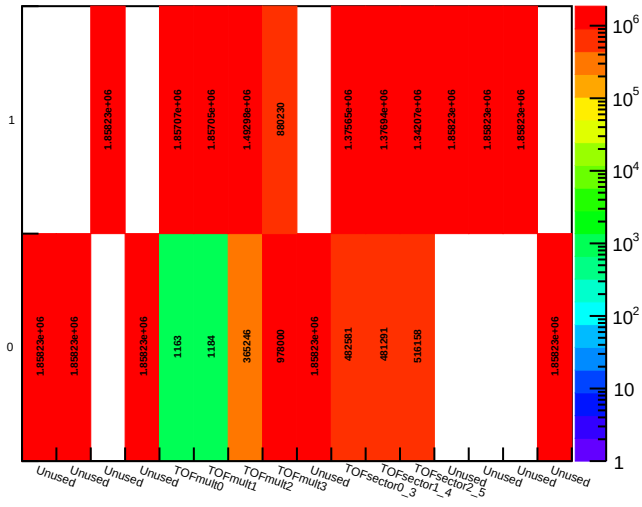

Entries 1858230
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1


Laser Input Bits
Entries 1858230
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 2.973168e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
1.85823e+06
1.85822e+06
7
3
10^6
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

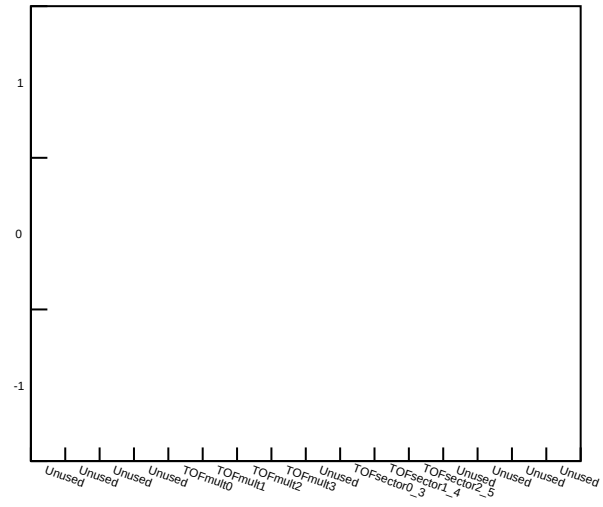
TF201 0-15 (ch0)

Entries 2.973168e+07



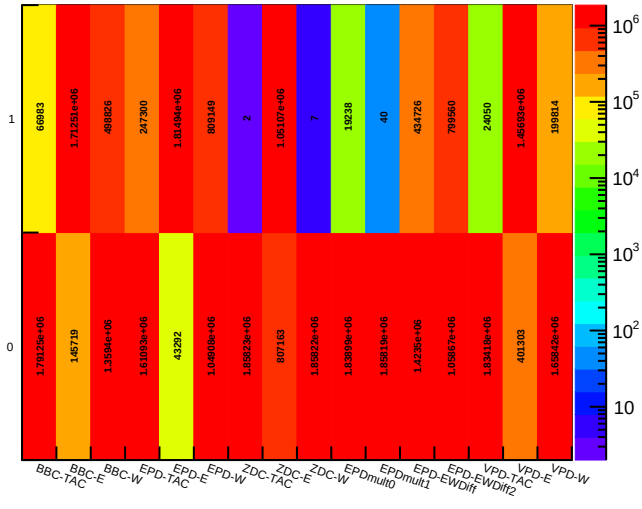
TF201 0-15 (ch0)

Entries 0



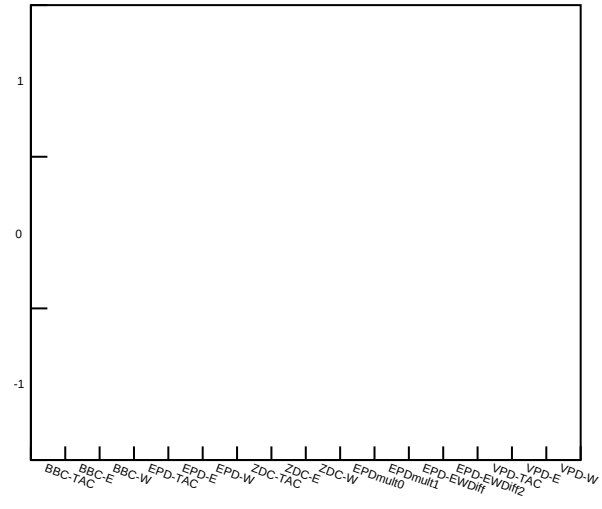
VT201 0-15 (ch1)

Entries 2.973168e+07



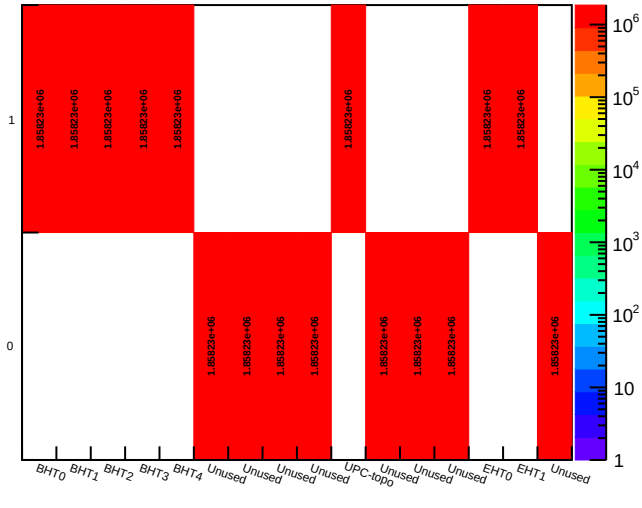
VT201 0-15 (ch1)

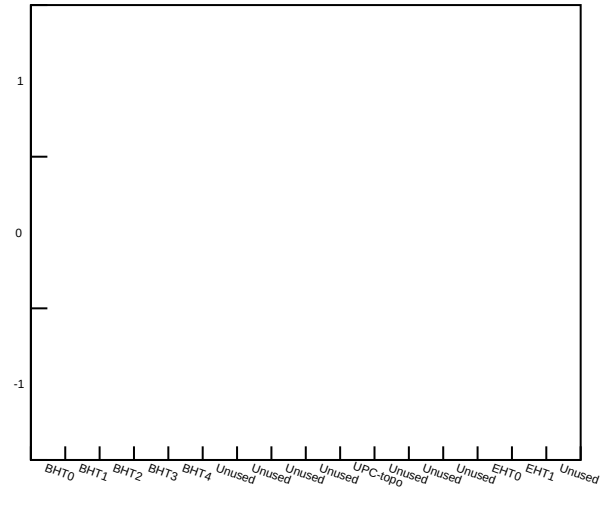
Entries 0



EM201 0-15 (ch3)

Entries 2.973168e+07



EM201 0-15 (ch3)

Entries 0