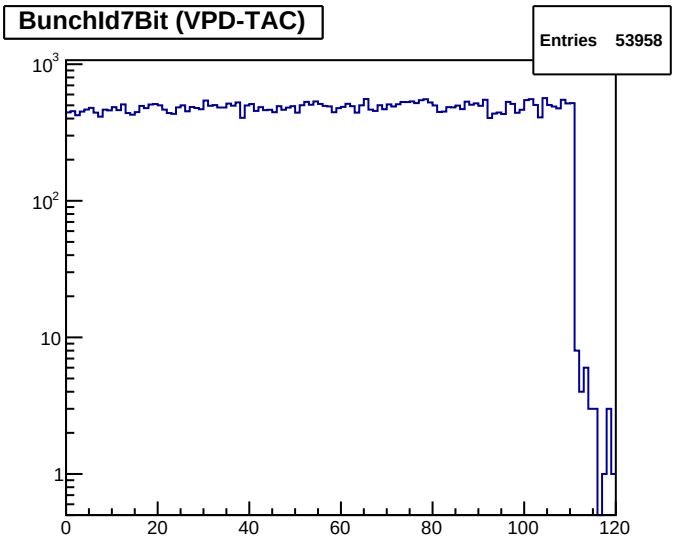
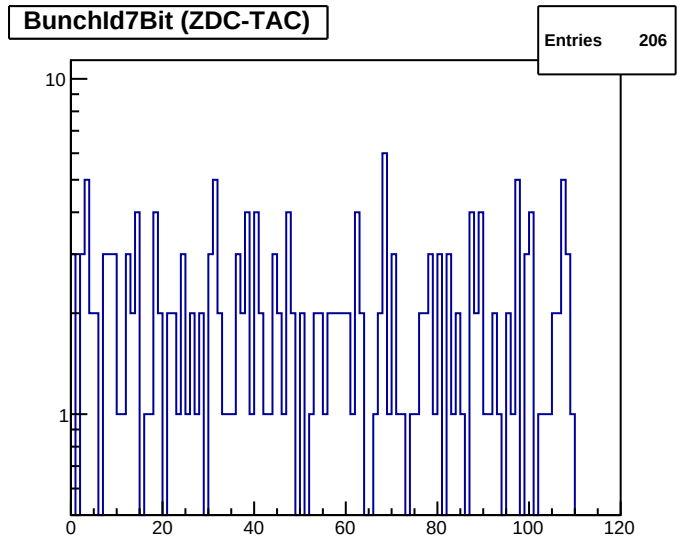
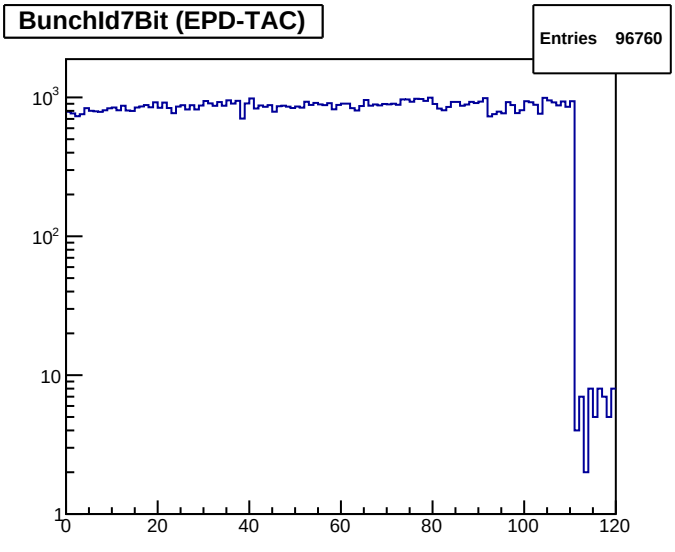
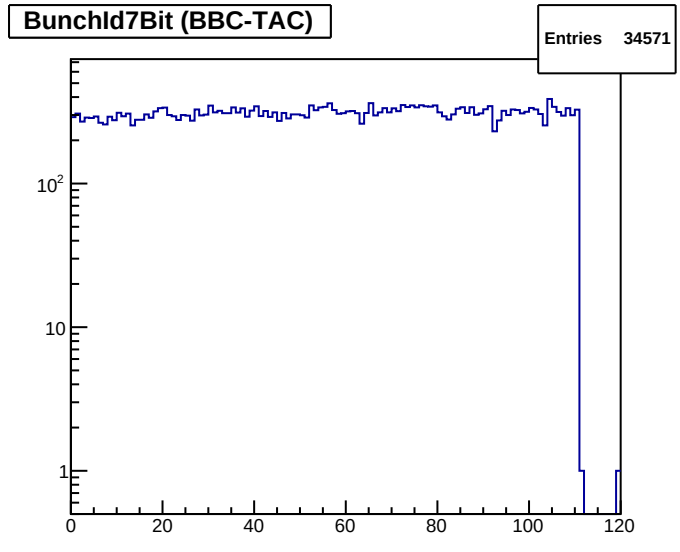
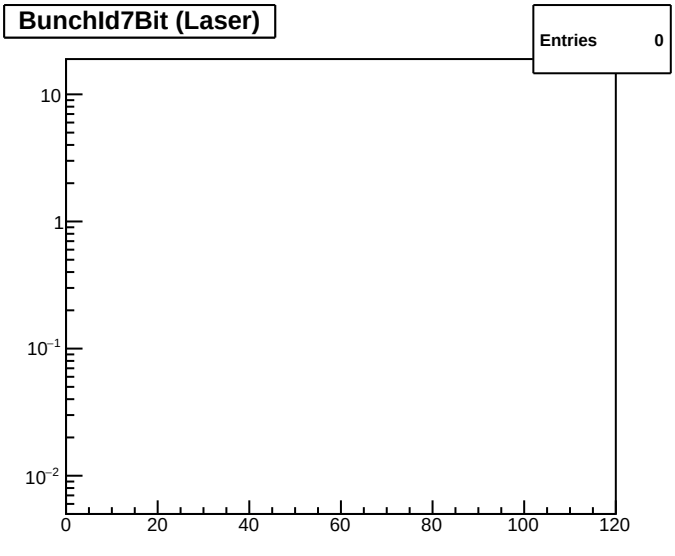
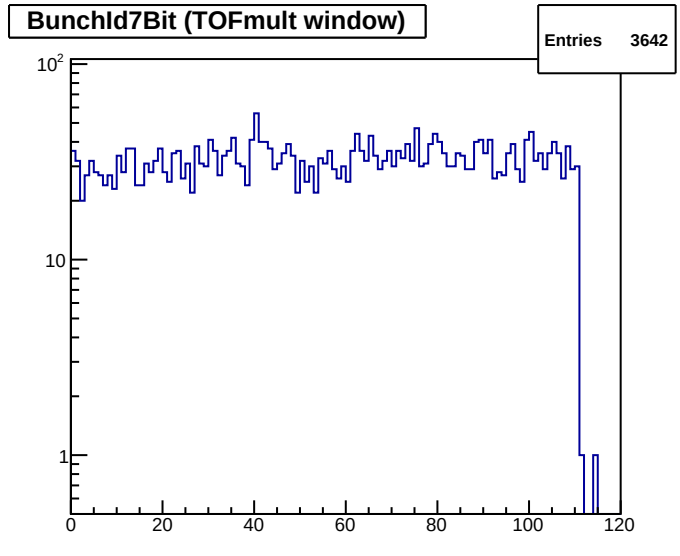

BunchId7Bit (VPD-TAC)
Entries 53958

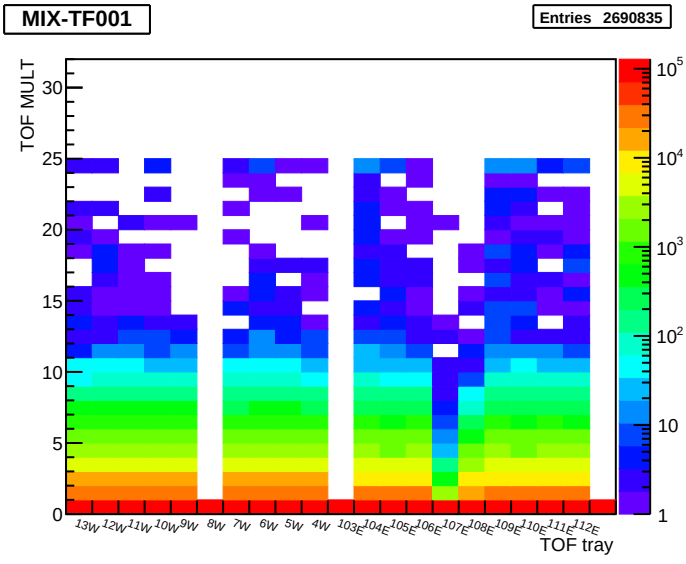

BunchId7Bit (ZDC-TAC)
Entries 206

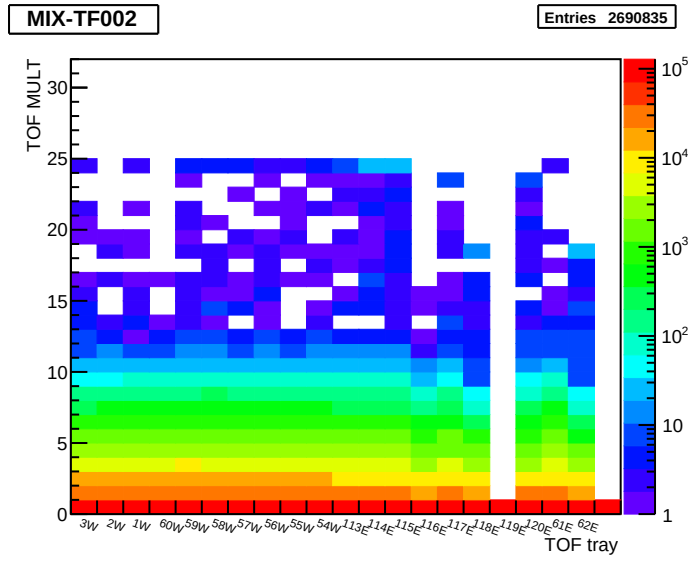

BunchId7Bit (EPD-TAC)
Entries 96760

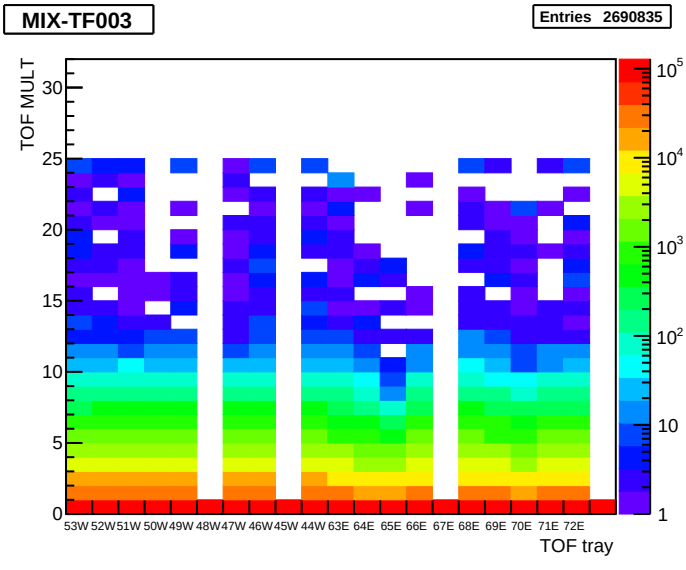

BunchId7Bit (BBC-TAC)
Entries 34571

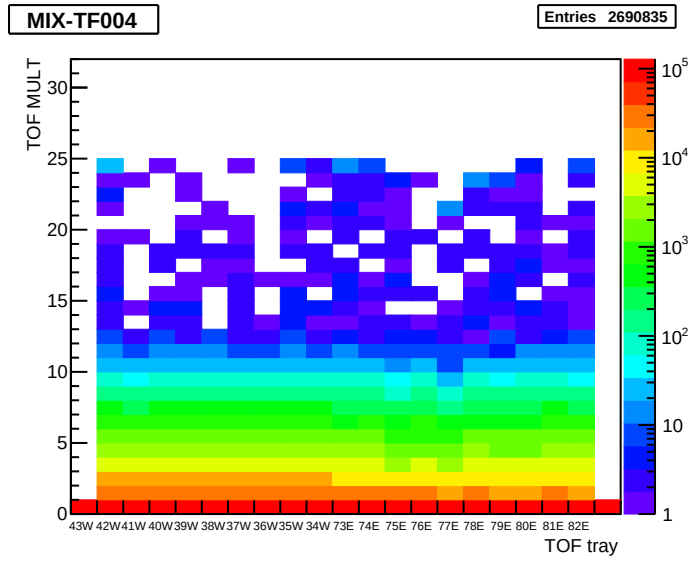

BunchId7Bit (Laser)
Entries 0

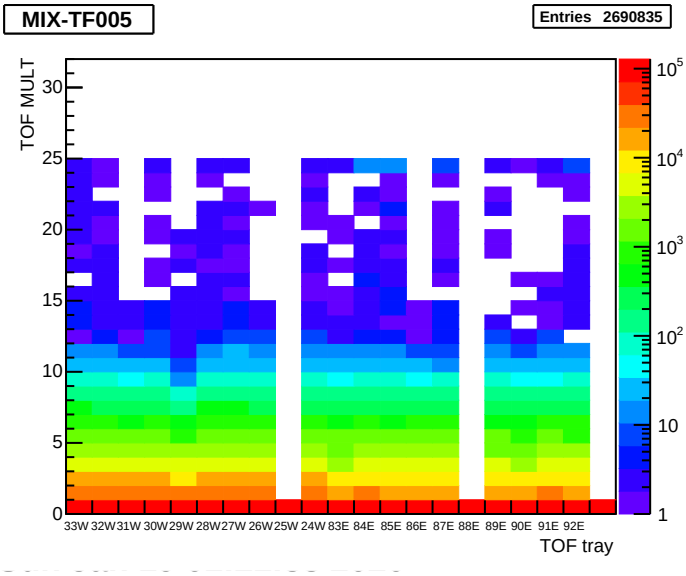

BunchId7Bit (TOFmult window)
Entries 3642

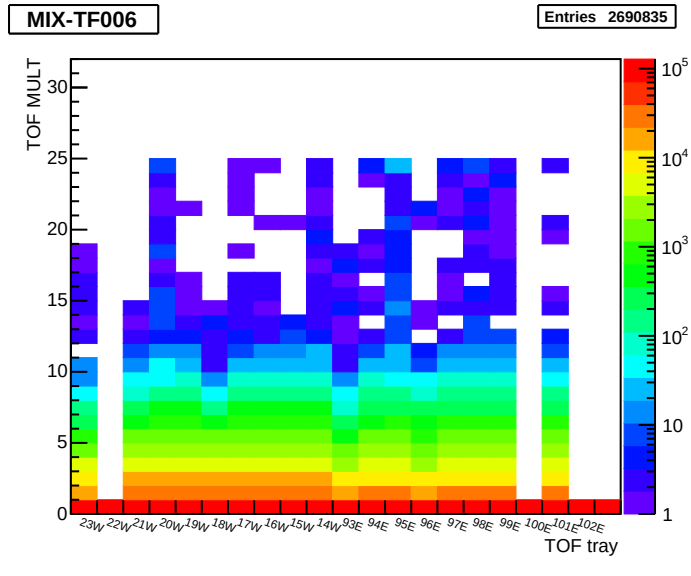

MIX-TF001
Entries 2690835
TOF MULT
TOF tray

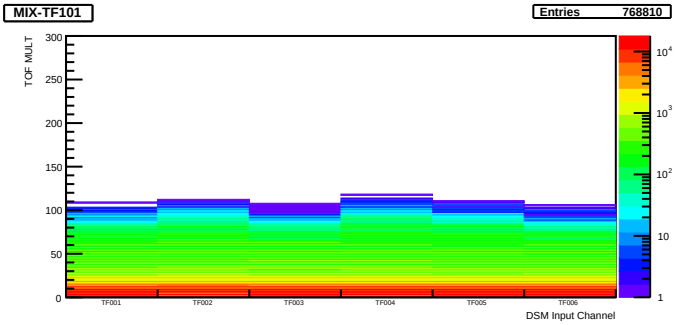

MIX-TF002
Entries 2690835
TOF MULT
TOF tray

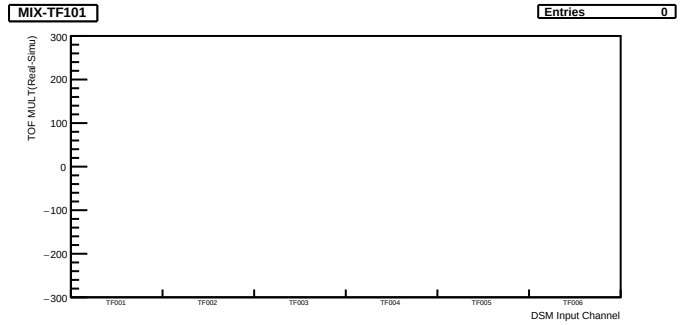

MIX-TF003
Entries 2690835
TOF MULT
TOF tray

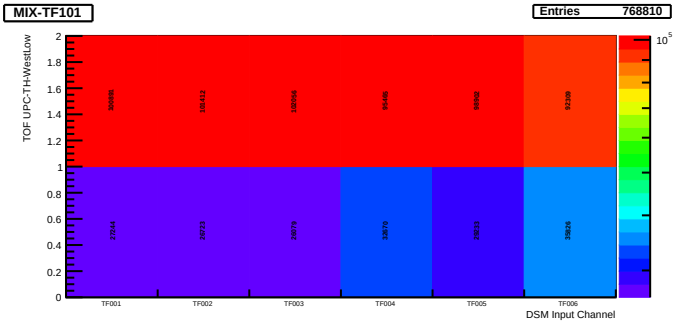

MIX-TF004
Entries 2690835
TOF MULT
TOF tray

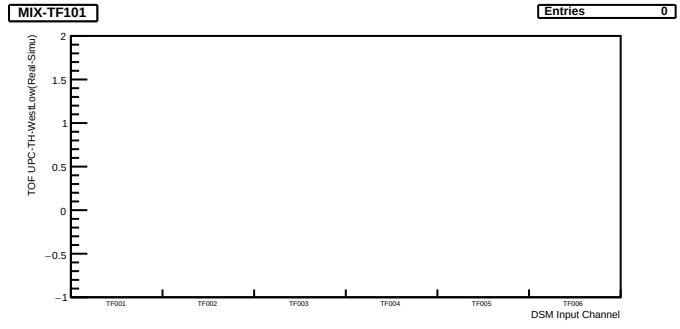

MIX-TF005
Entries 2690835
TOF MULT
TOF tray

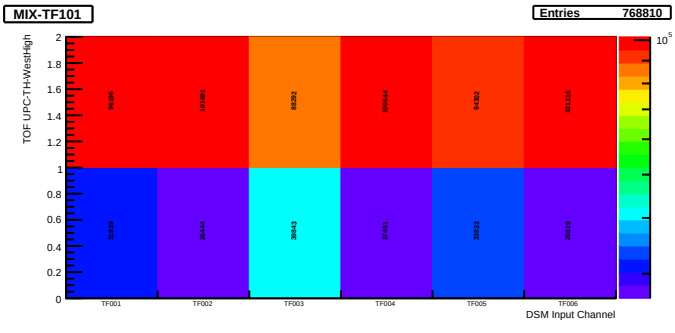

MIX-TF006
Entries 2690835
TOF MULT
TOF tray

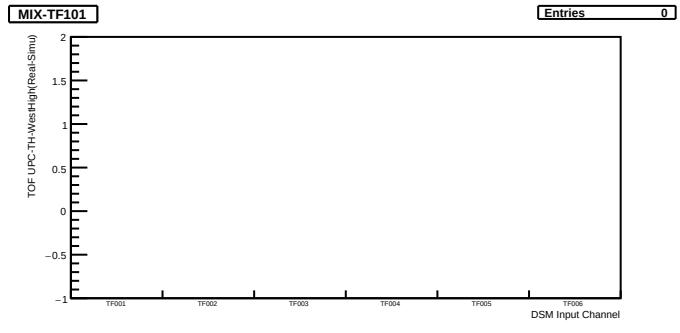

MIX-TF101
Entries 768810
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

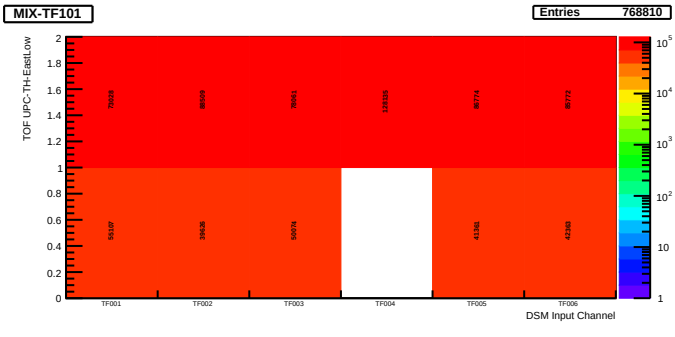

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

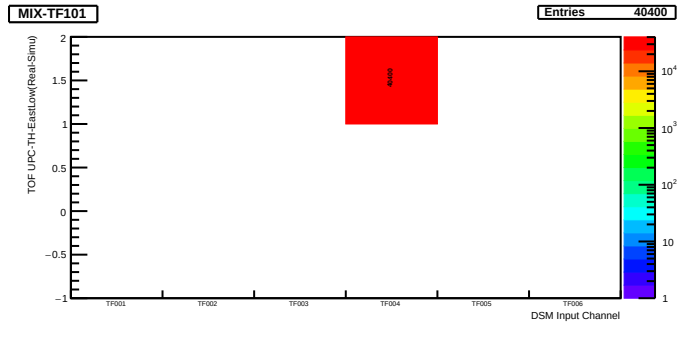

MIX-TF101
Entries 768810
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

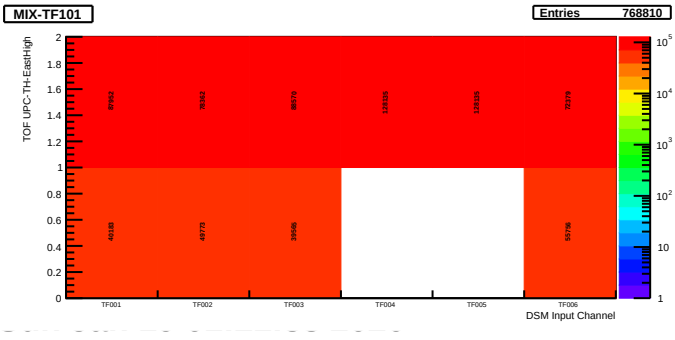

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

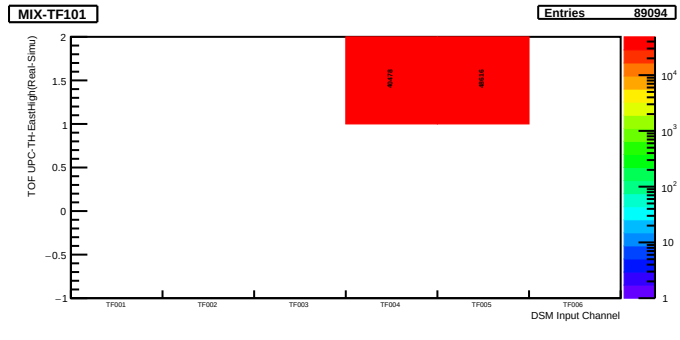

MIX-TF101
Entries 768810
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

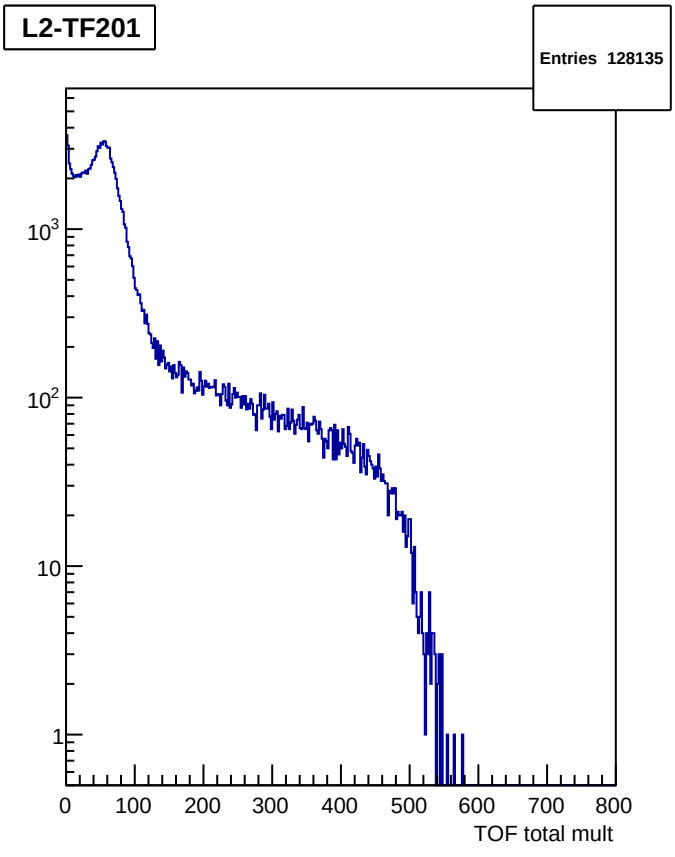

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

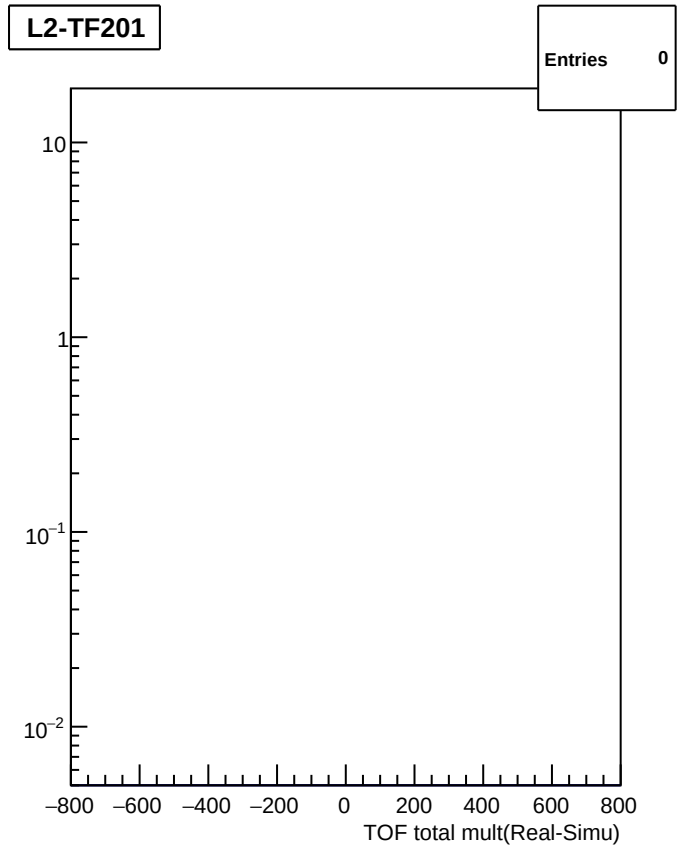

MIX-TF101
Entries 768810
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

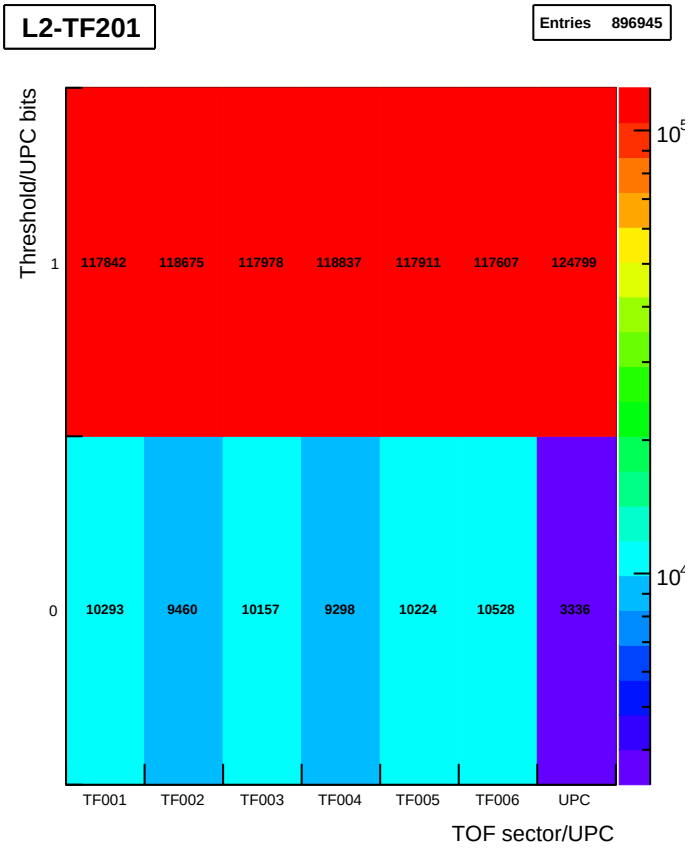

MIX-TF101
Entries 40400
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

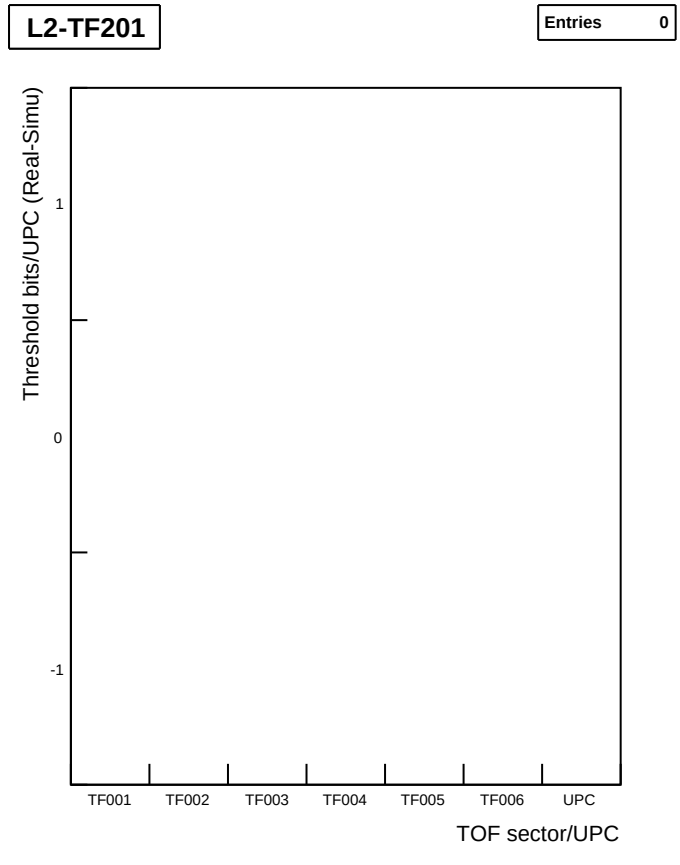

MIX-TF101
Entries 768810
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

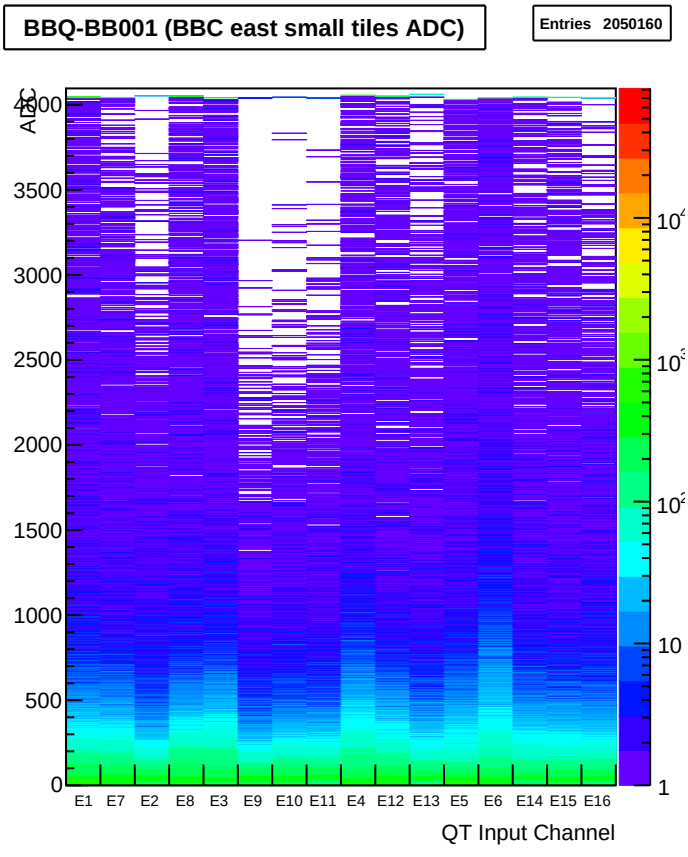

MIX-TF101
Entries 89094
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

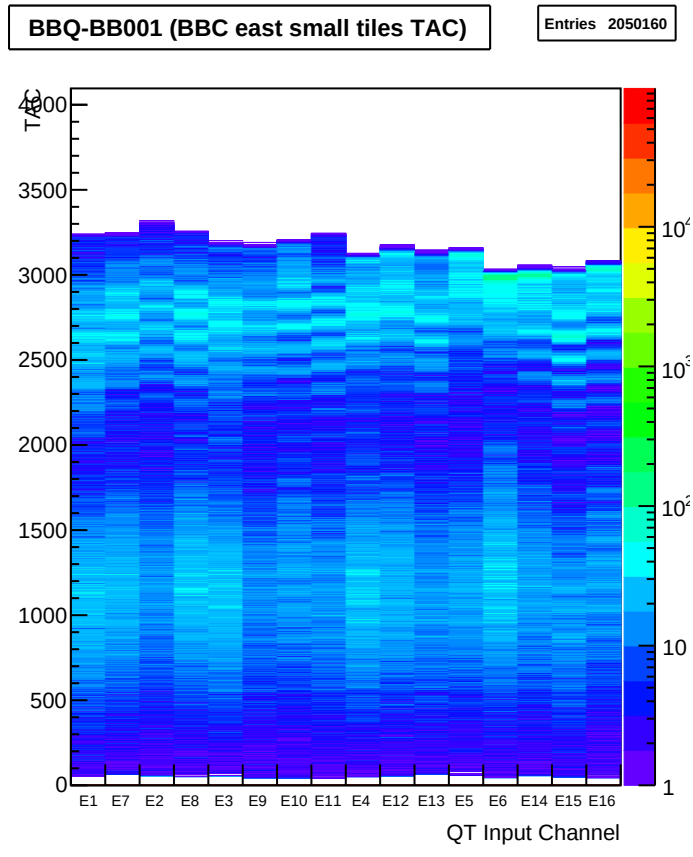

L2-TF201
Entries 128135
TOF total mult

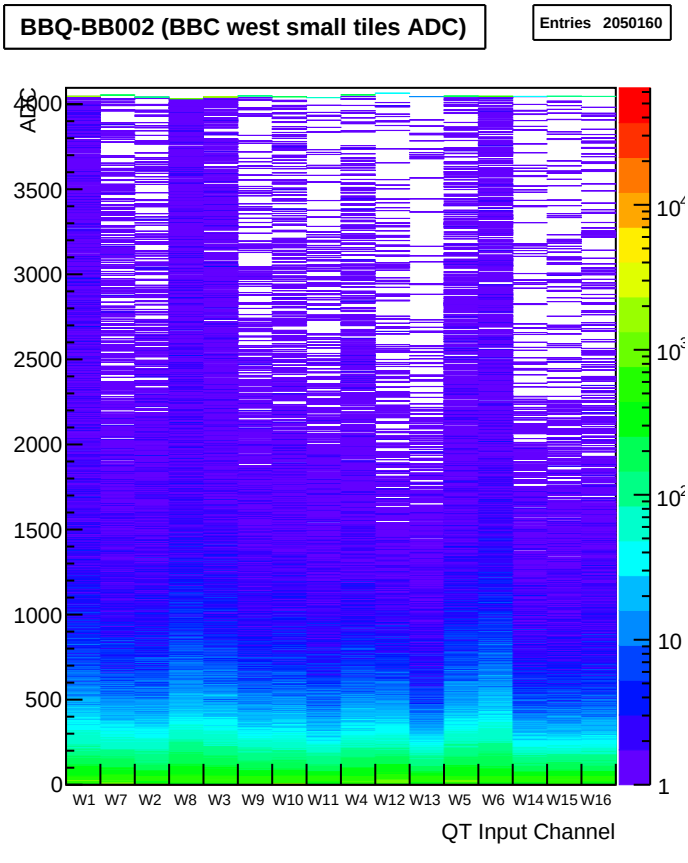

L2-TF201
Entries 0
TOF total mult(Real-Simu)

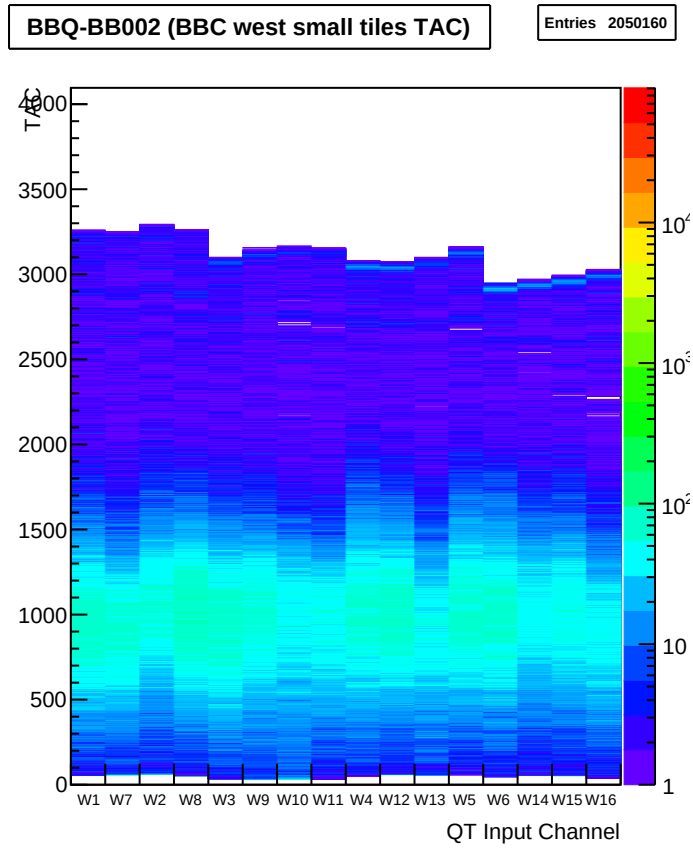

L2-TF201
Entries 896945
Threshold/UPC bits
117842
118675
117978
118837
117911
117607
124799
10293
9460
10157
9298
10224
10528
3336
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

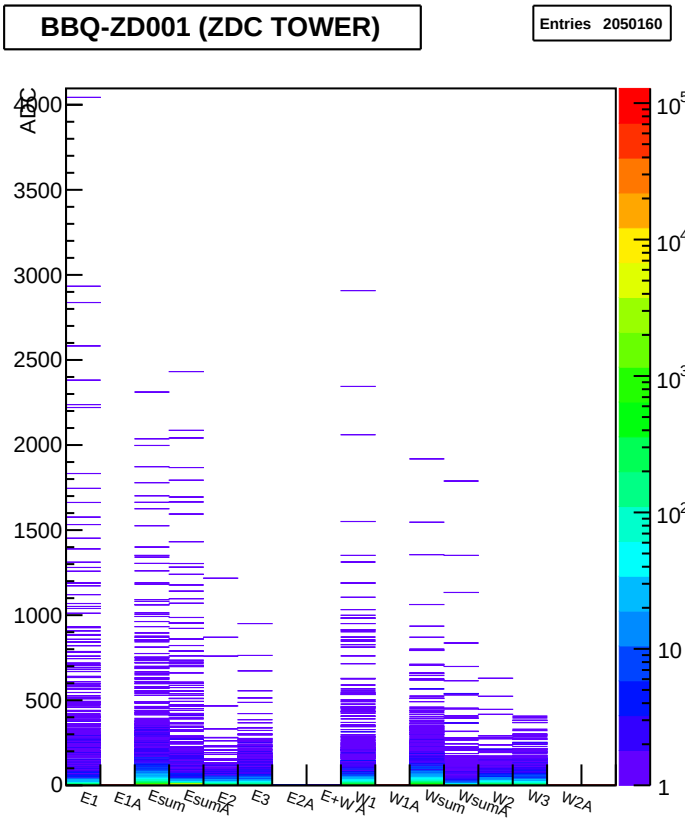

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

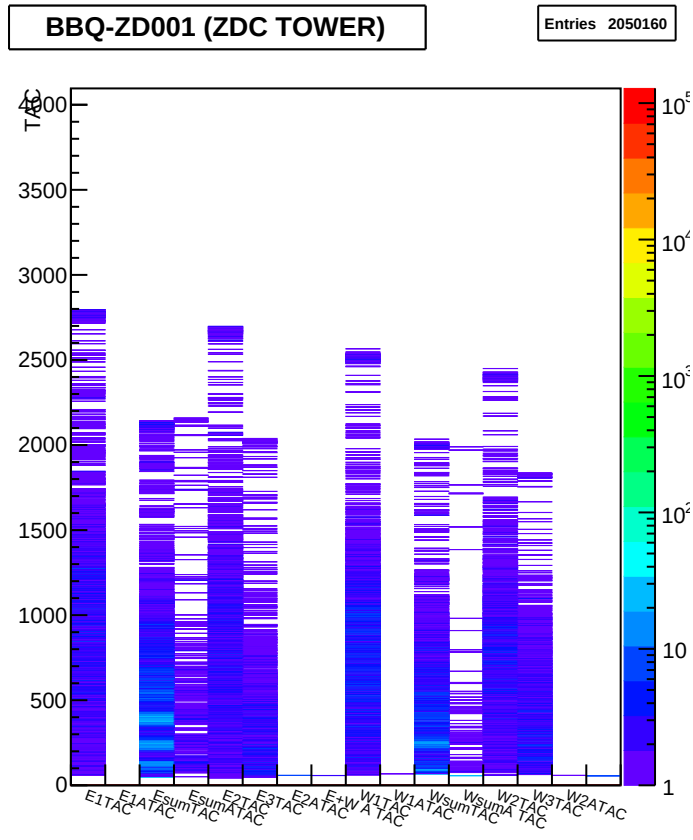

BBQ-BB001 (BBC east small tiles ADC)
Entries 2050160
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

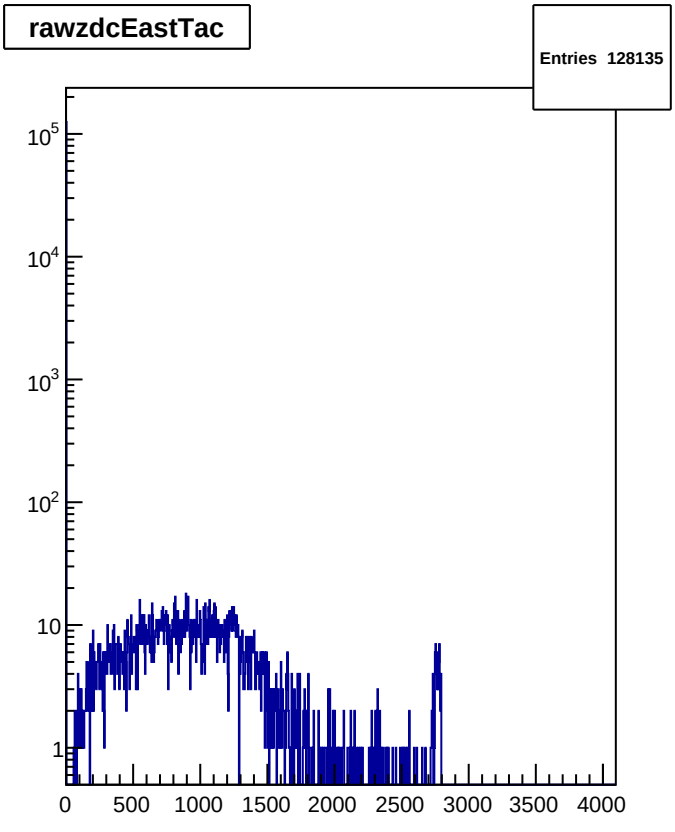

BBQ-BB001 (BBC east small tiles TAC)
Entries 2050160
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

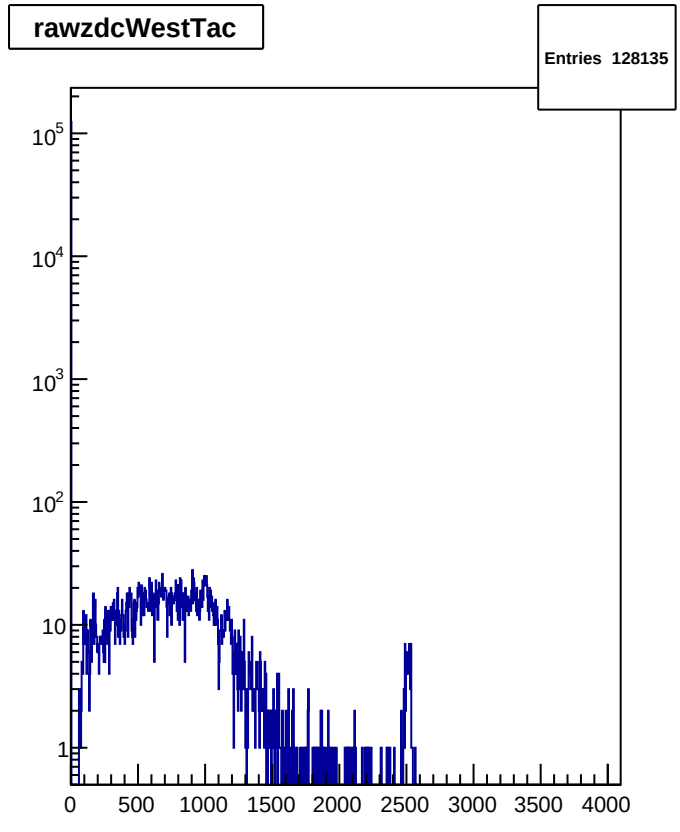

BBQ-BB002 (BBC west small tiles ADC)
Entries 2050160
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

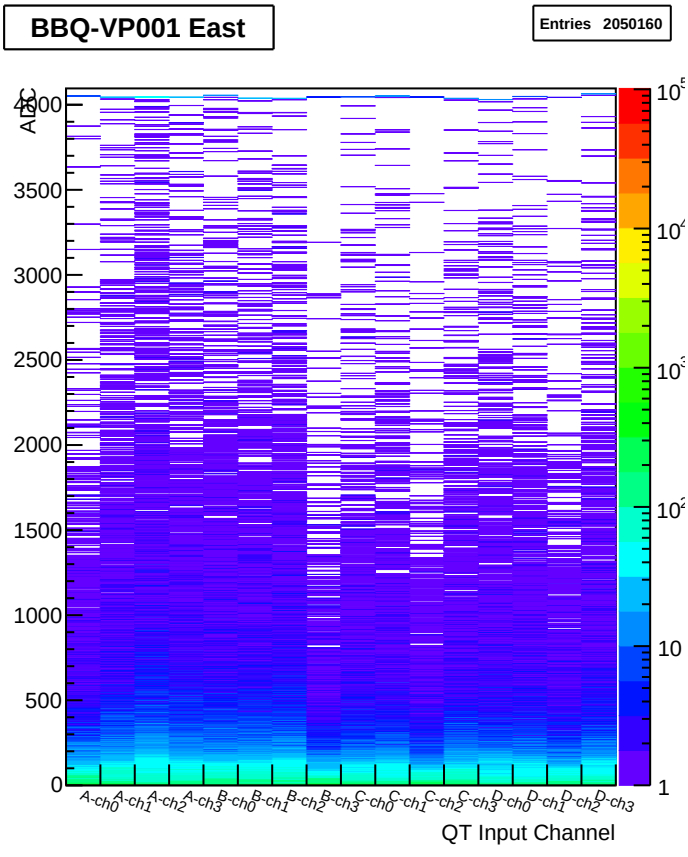

BBQ-BB002 (BBC west small tiles TAC)
Entries 2050160
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

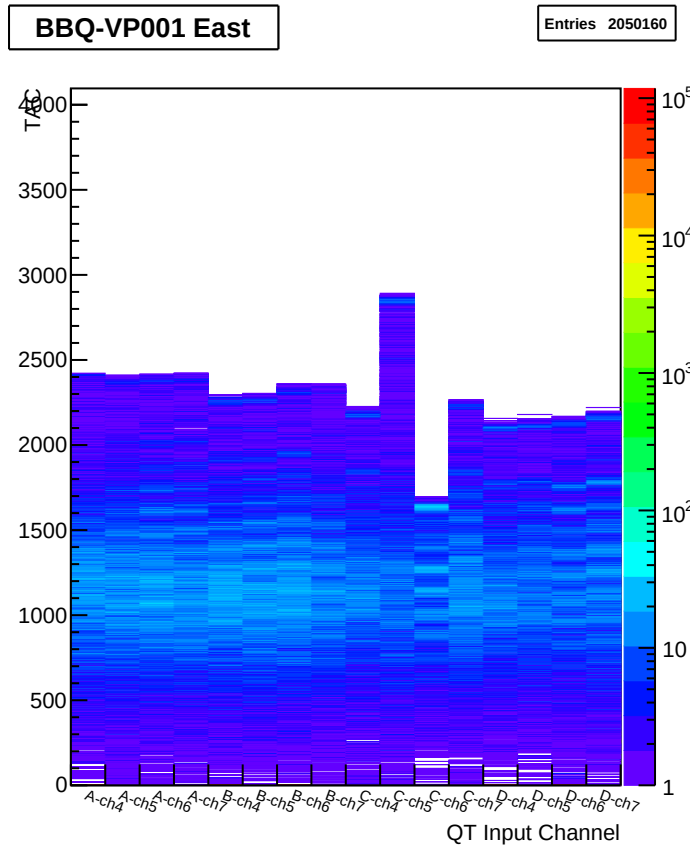

BBQ-ZD001 (ZDC TOWER)
Entries 2050160
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

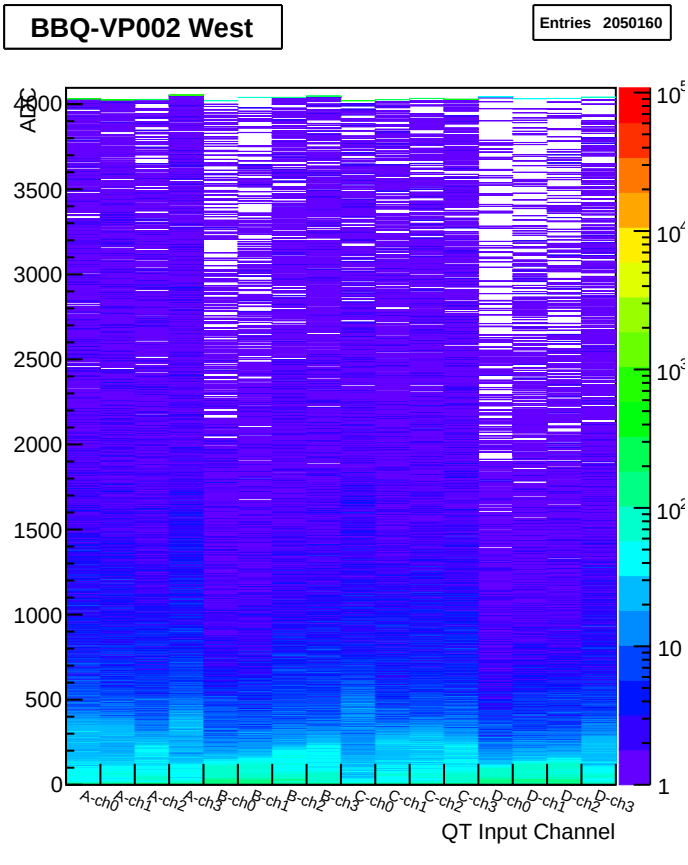

BBQ-ZD001 (ZDC TOWER)
Entries 2050160
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumATAC
W2TAC
W3TAC
W2ATAC

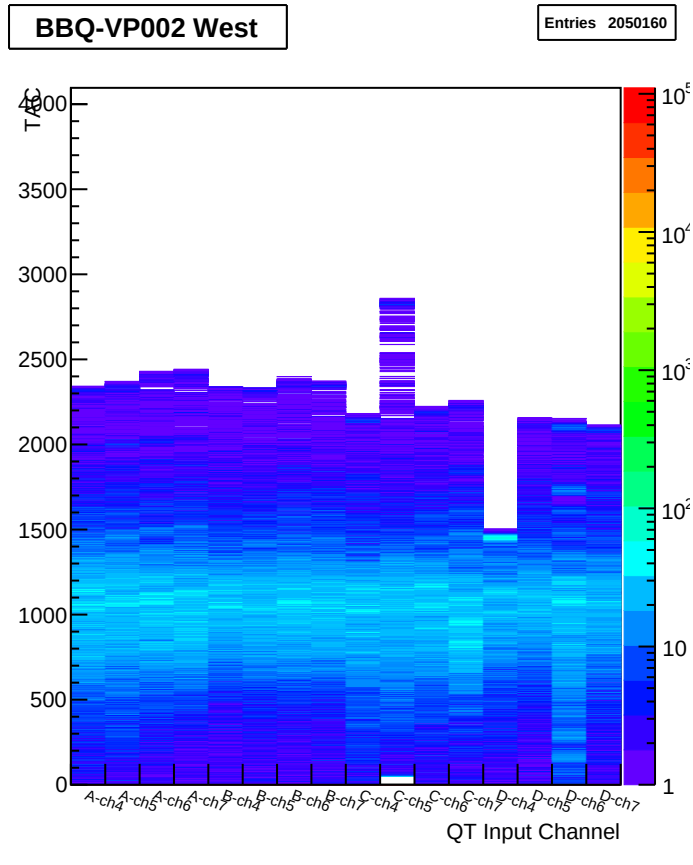

rawzdcEastTac
Entries 128135

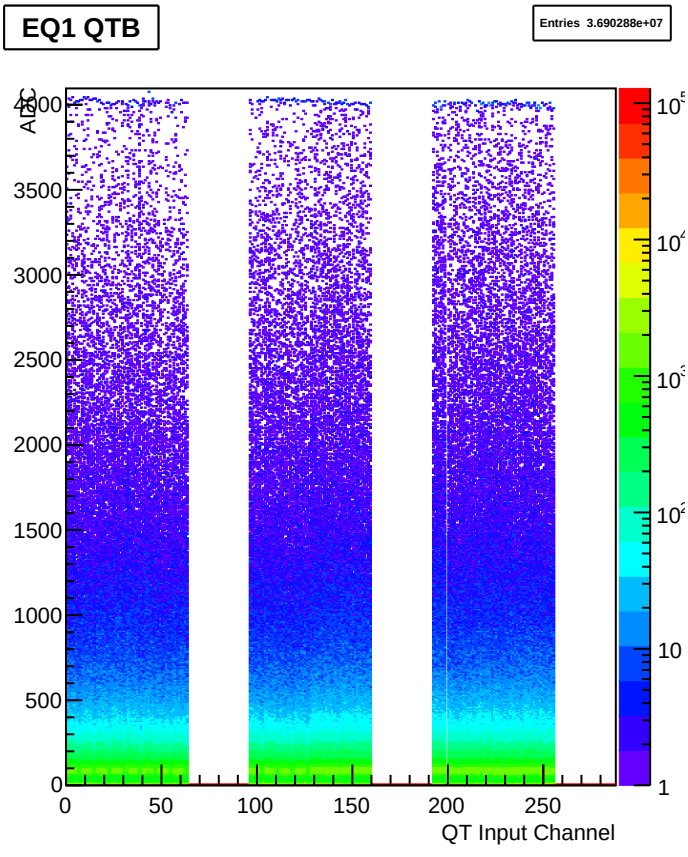

rawzdcWestTac
Entries 128135

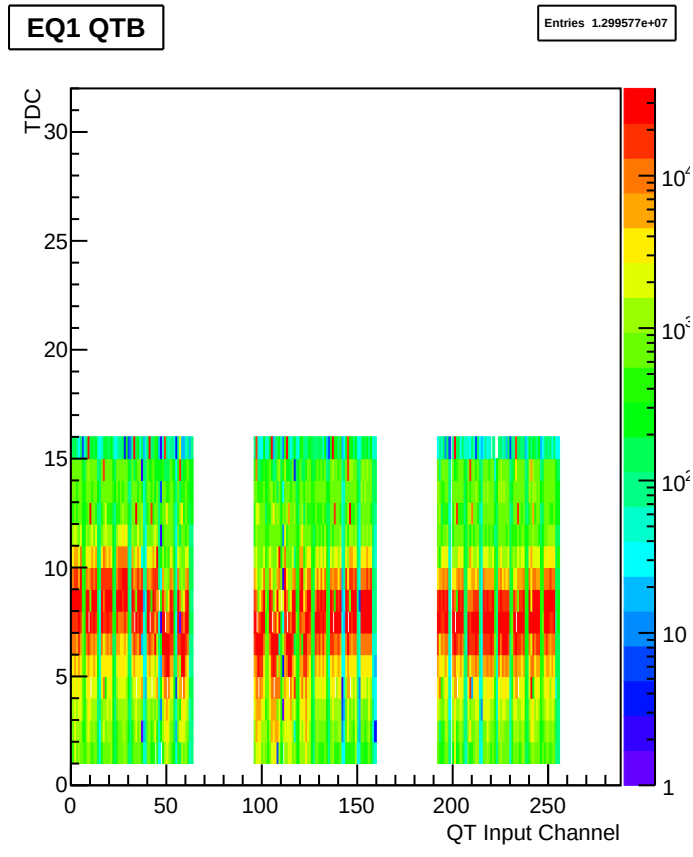

BBQ-VP001 East
Entries 2050160
ADC
QT Input Channel

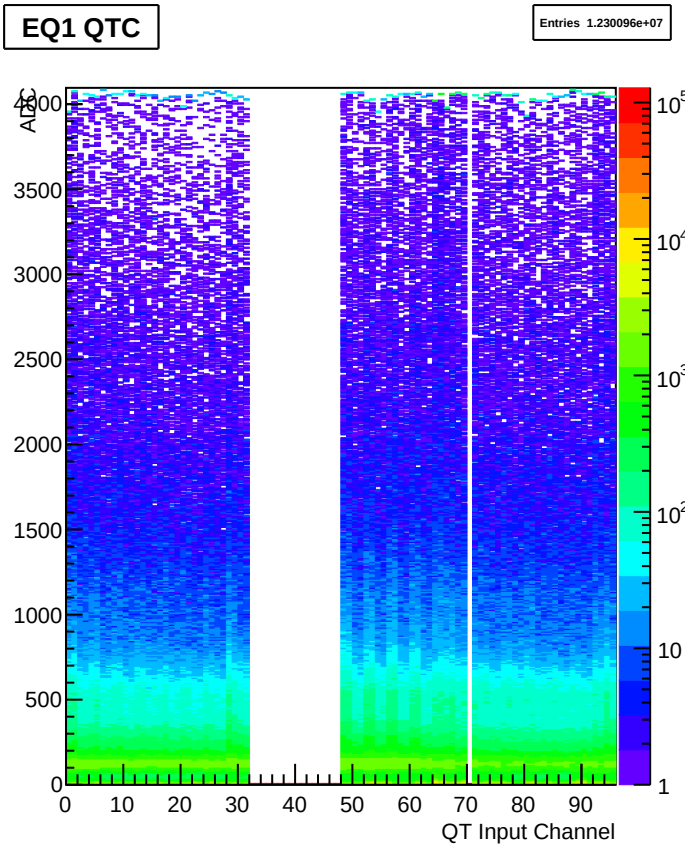

BBQ-VP001 East
Entries 2050160
TAC
QT Input Channel

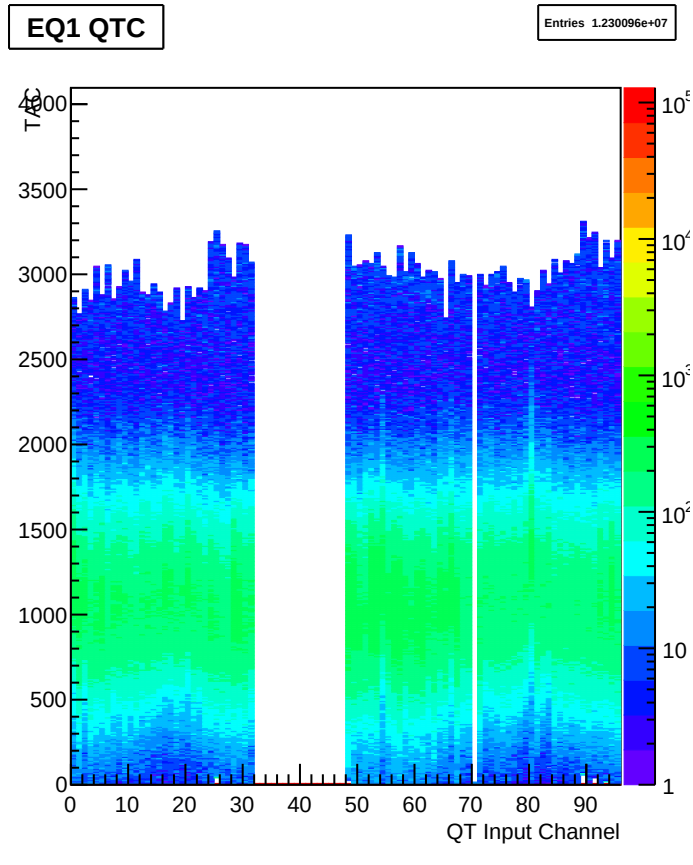

BBQ-VP002 West
Entries 2050160
ADC
QT Input Channel

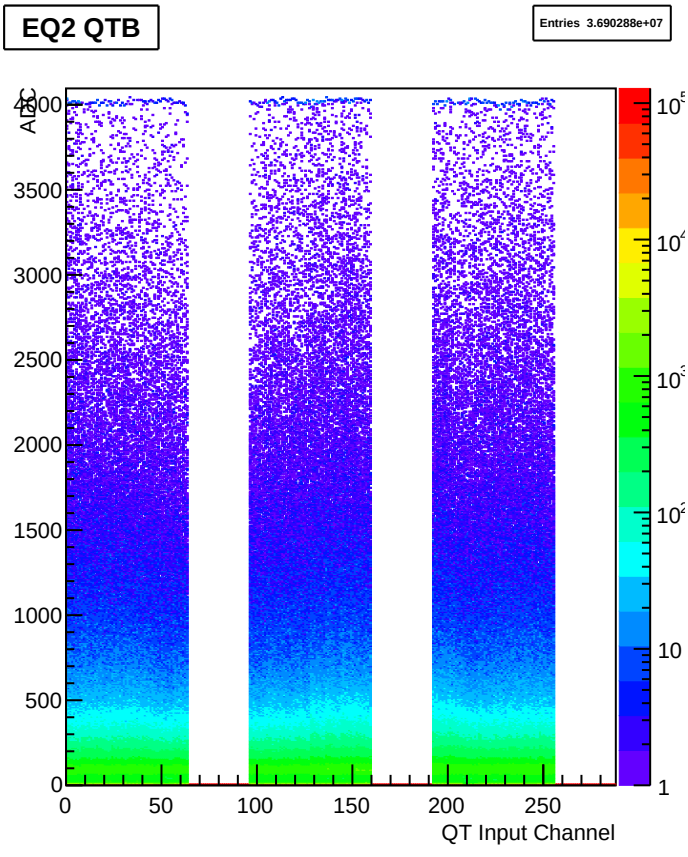

BBQ-VP002 West
Entries 2050160
TAC
QT Input Channel

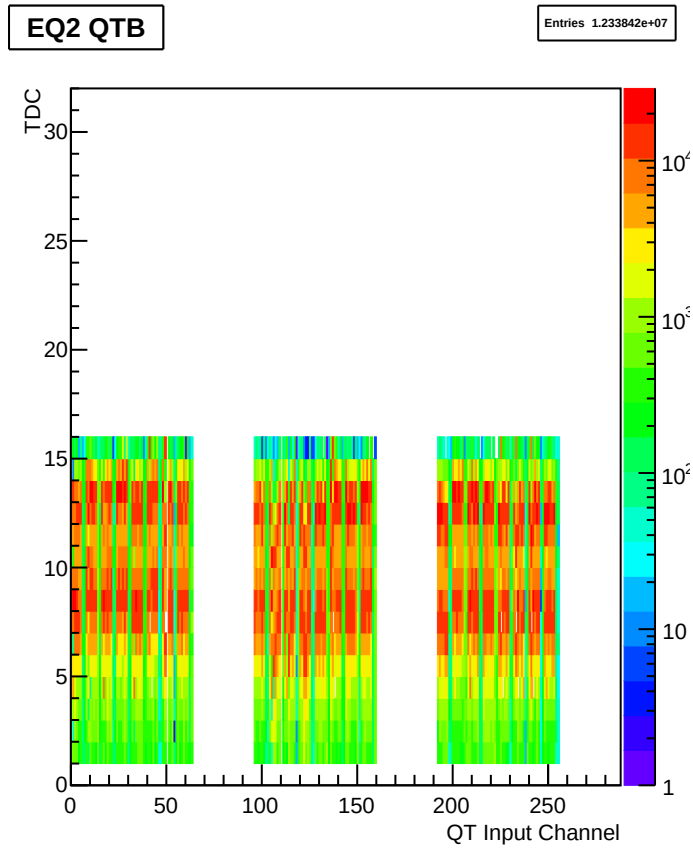

EQ1 QTB
Entries 3.690288e+07
ADC
QT Input Channel

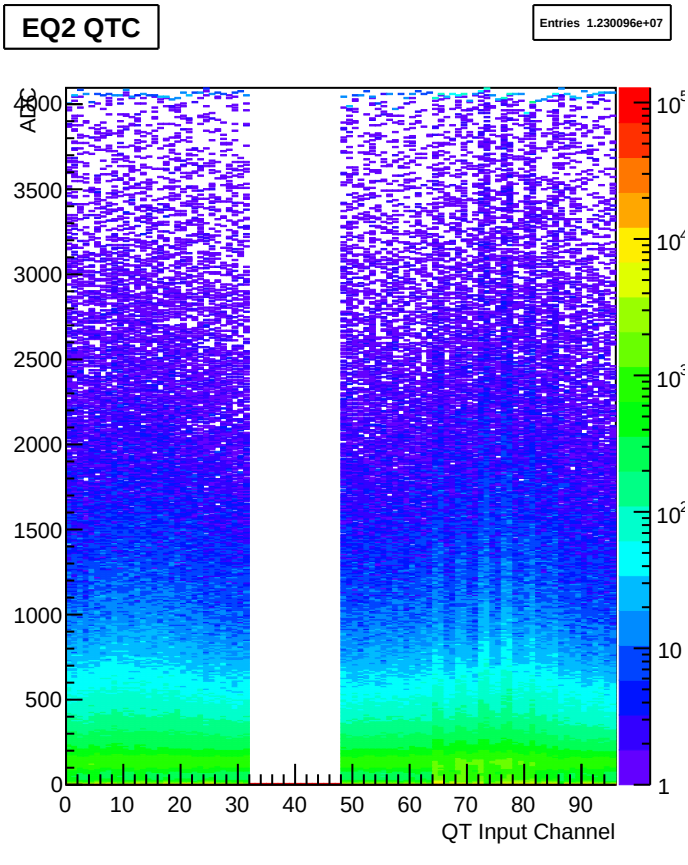

EQ1 QTB
Entries 1.299577e+07
TDC
QT Input Channel

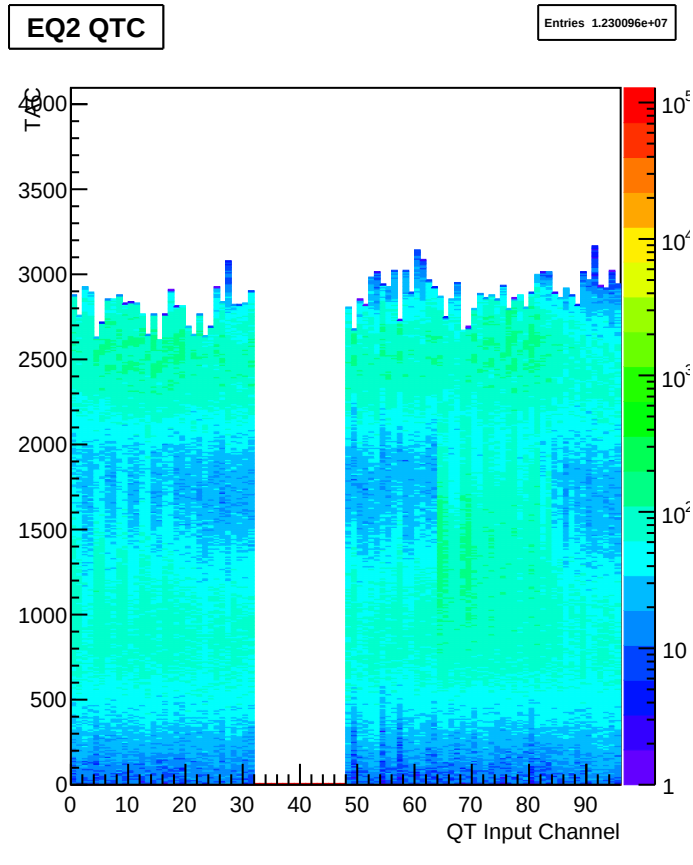

EQ1 QTC
Entries 1.230096e+07
ADC
QT Input Channel

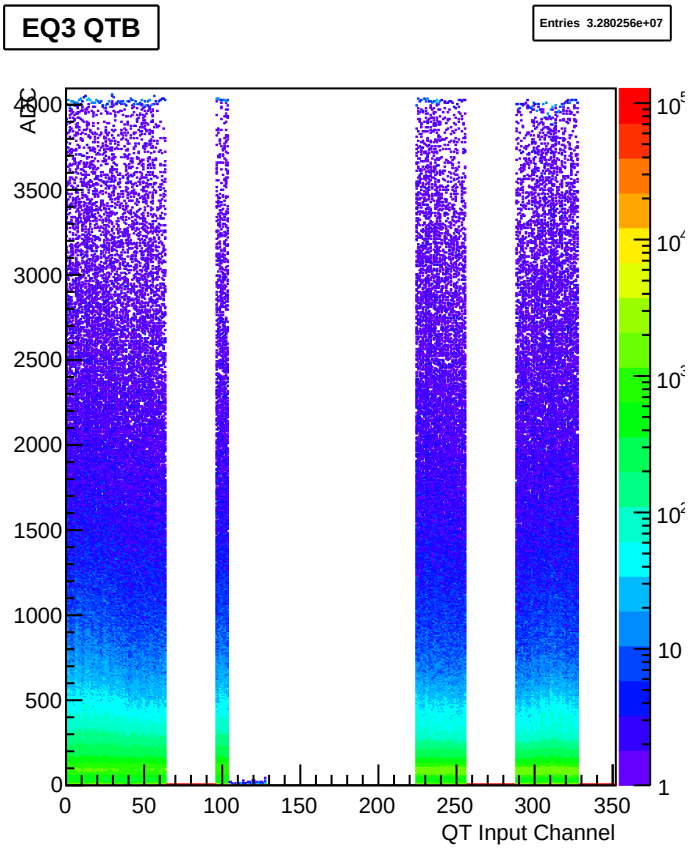

EQ1 QTC
Entries 1.230096e+07
TADC
QT Input Channel

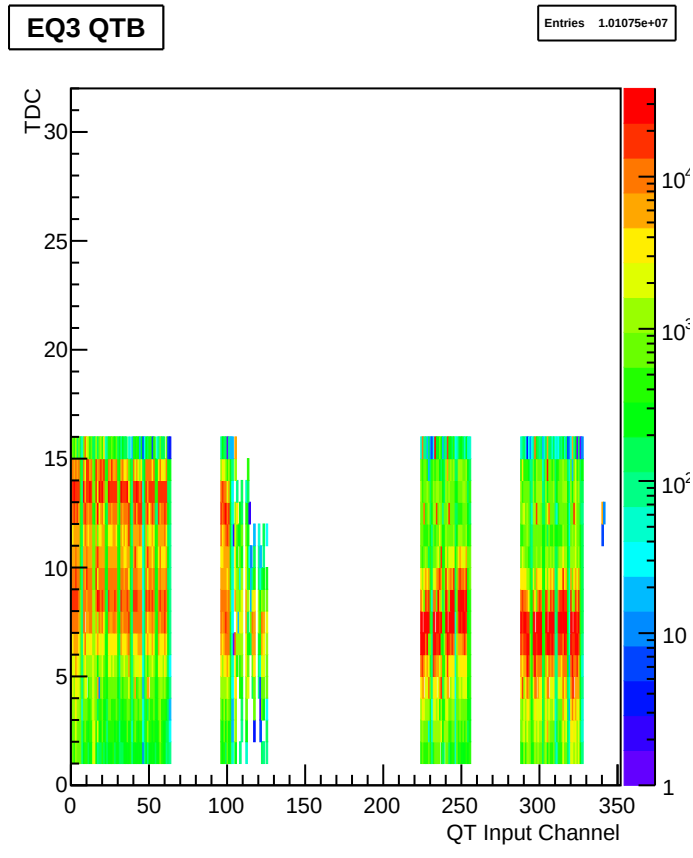

EQ2 QTB
Entries 3.690288e+07
ADC
QT Input Channel

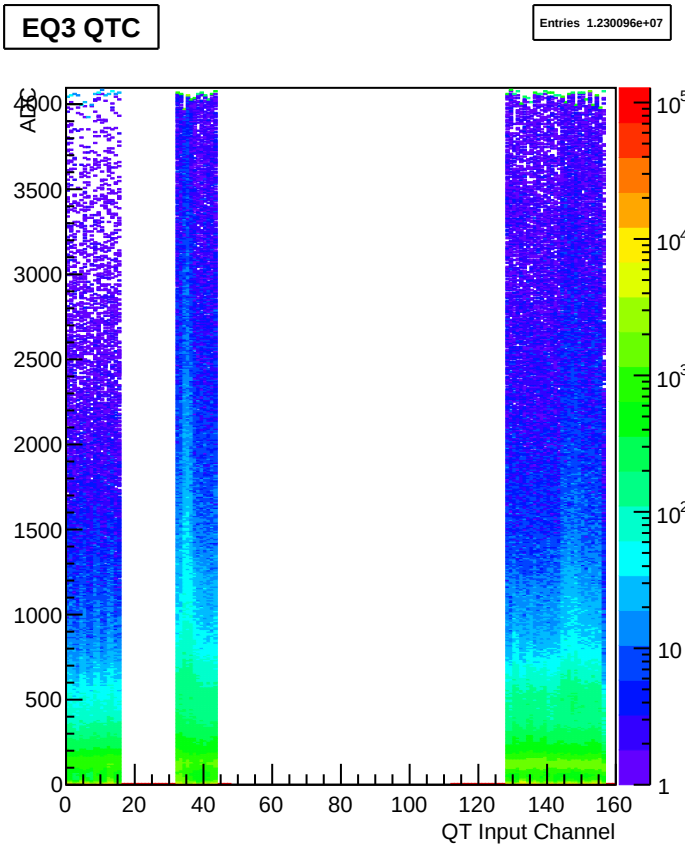

EQ2 QTB
Entries 1.233842e+07
TDC
QT Input Channel

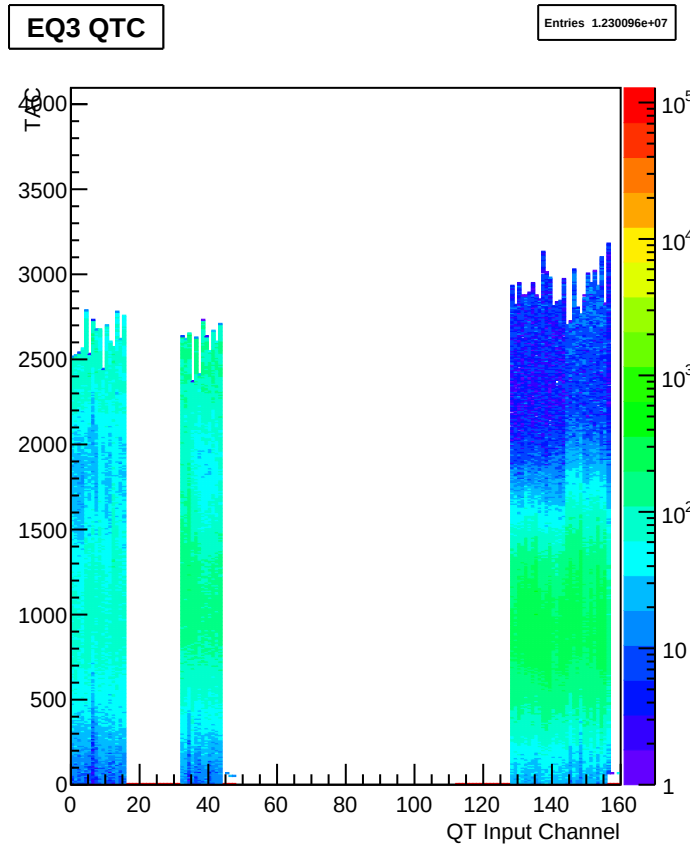

EQ2 QTC
Entries 1.230096e+07
ADC
QT Input Channel

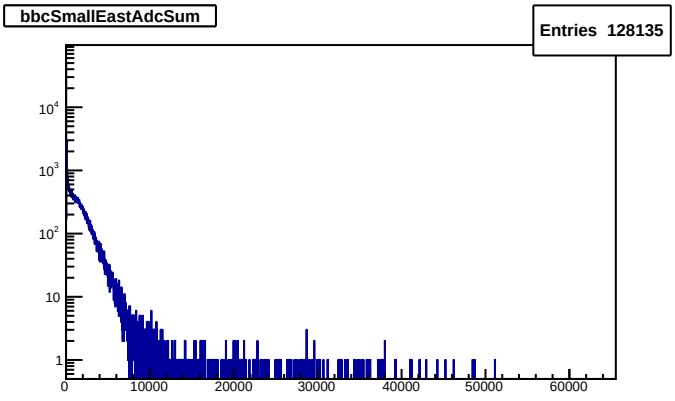

EQ2 QTC
Entries 1.230096e+07
TADC
QT Input Channel

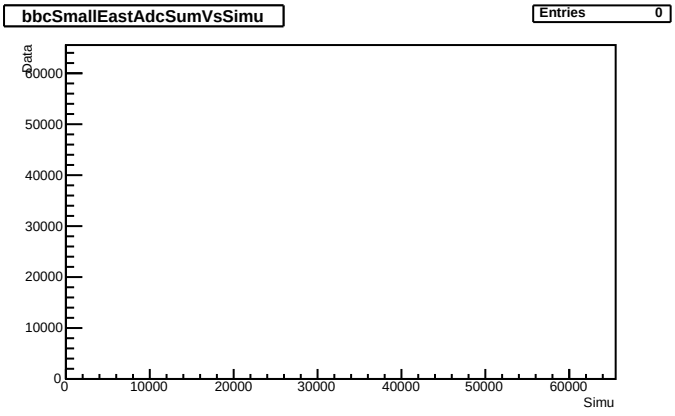

EQ3 QTB
Entries 3.280256e+07
ADC
QT Input Channel

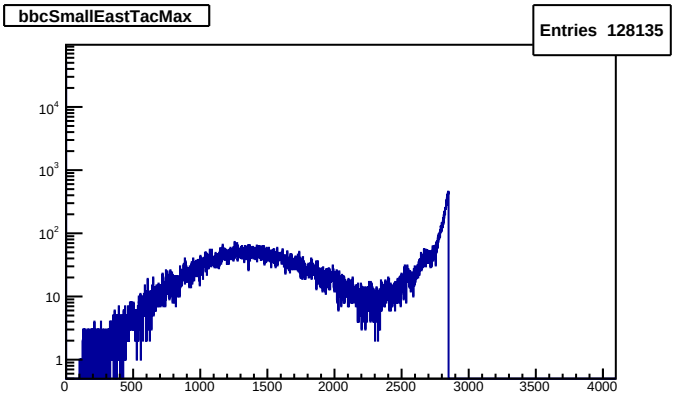

EQ3 QTB
Entries 1.01075e+07
TDC
QT Input Channel

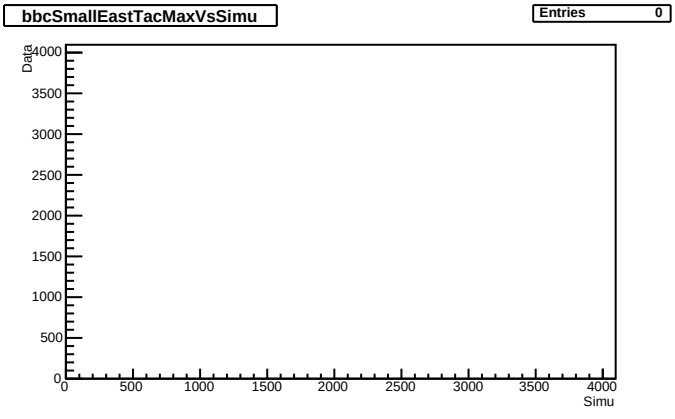

EQ3 QTC
Entries 1.230096e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.230096e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 128135


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 128135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Entries 0
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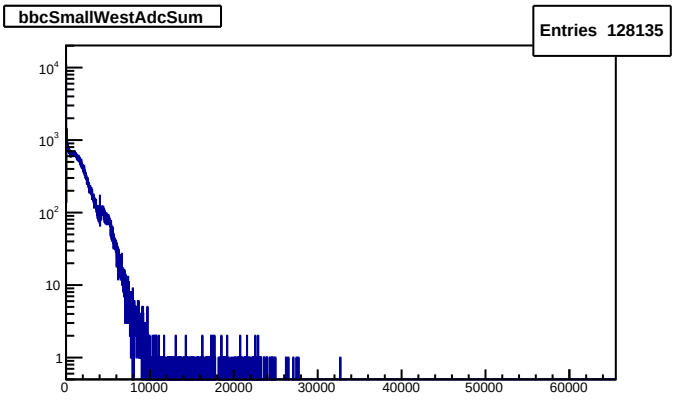
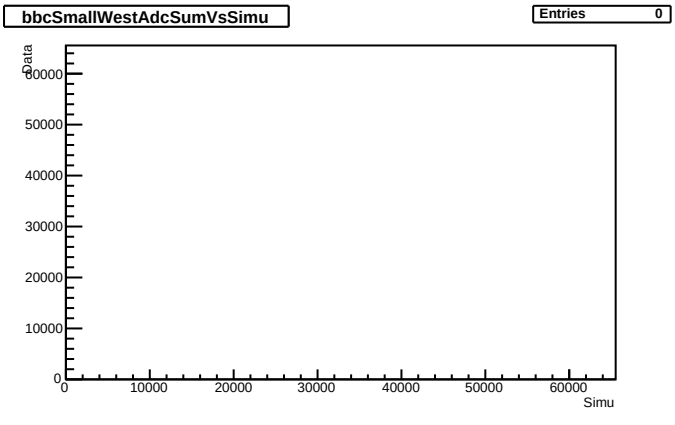
Simu


bbcSmallWestAdcSum
Entries 128135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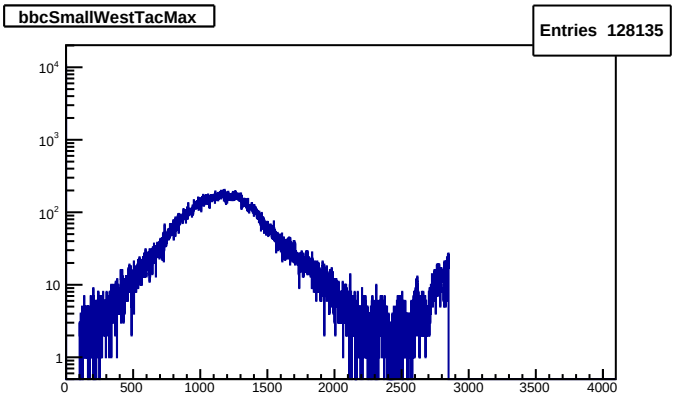
Simu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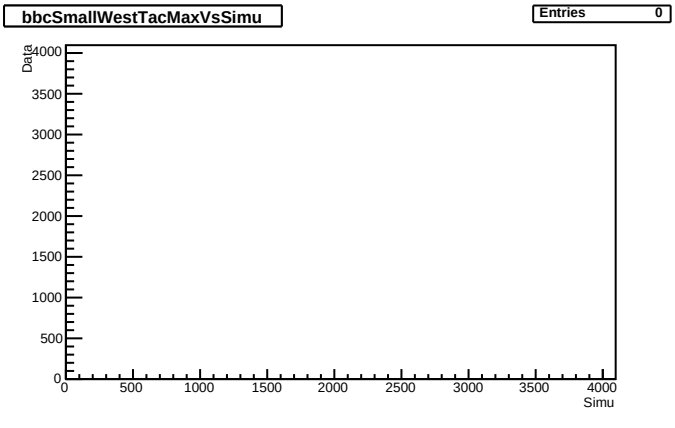
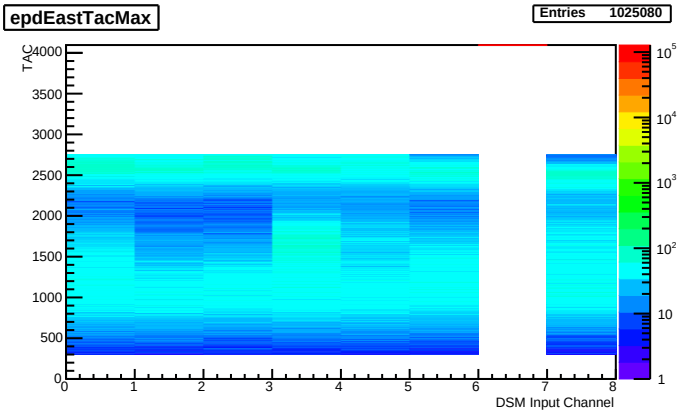
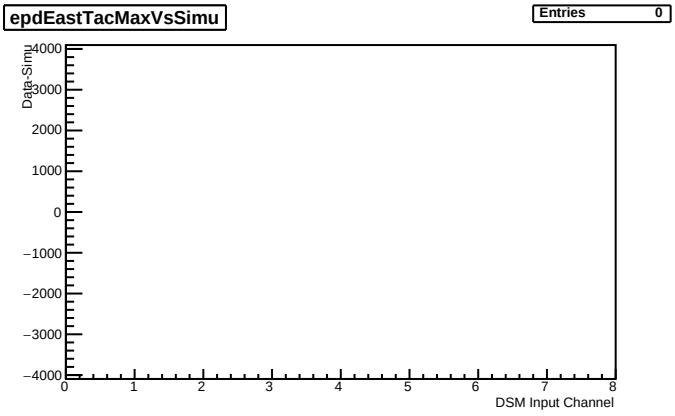
Entries 128135


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 1025080
TAC
DSM Input Channel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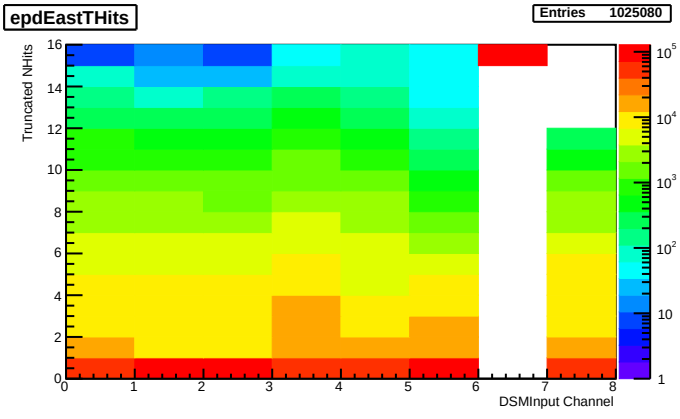
Entries 0
Data-Simu
DSM Input Channel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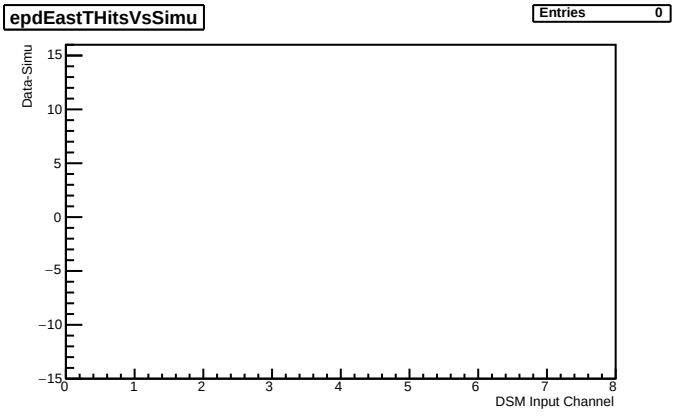
Entries 1025080
Truncated NHits
DSMInput Channel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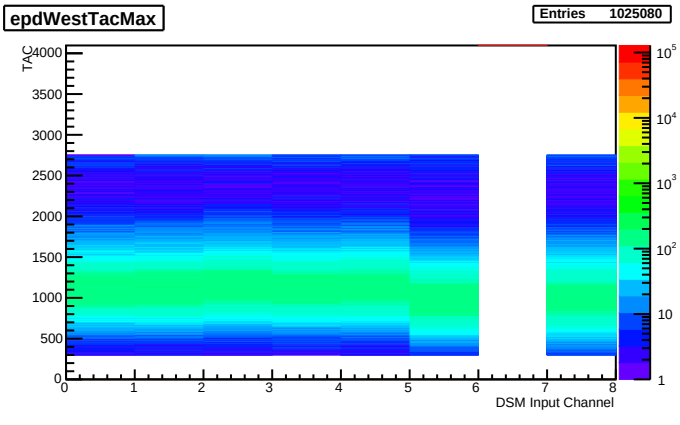
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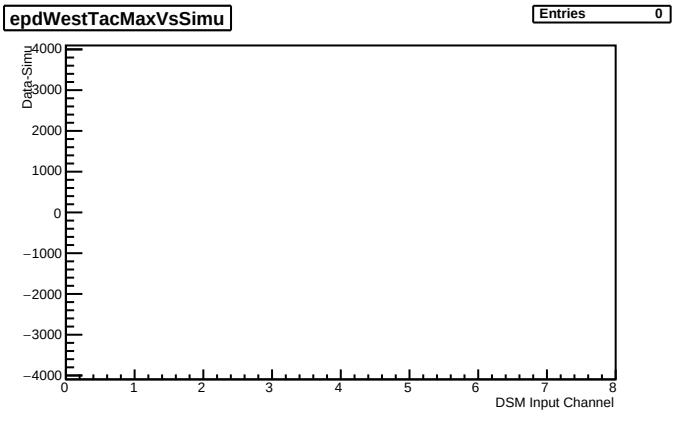
DSM Input Channel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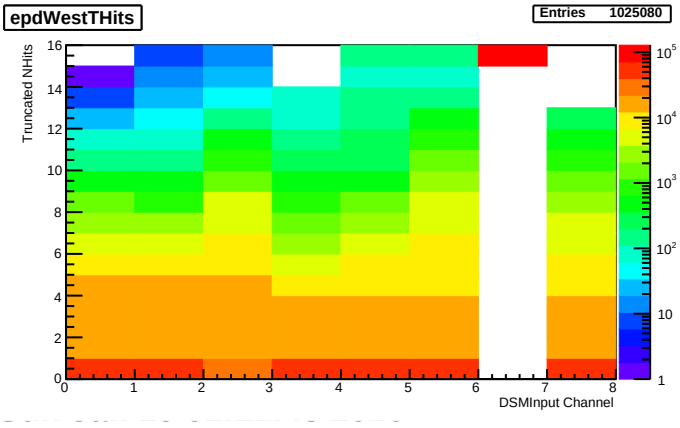
Entries 0
Data-Simu
DSM Input Channel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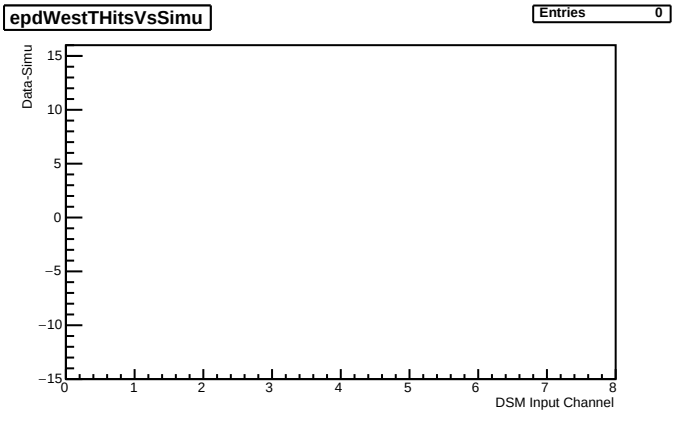
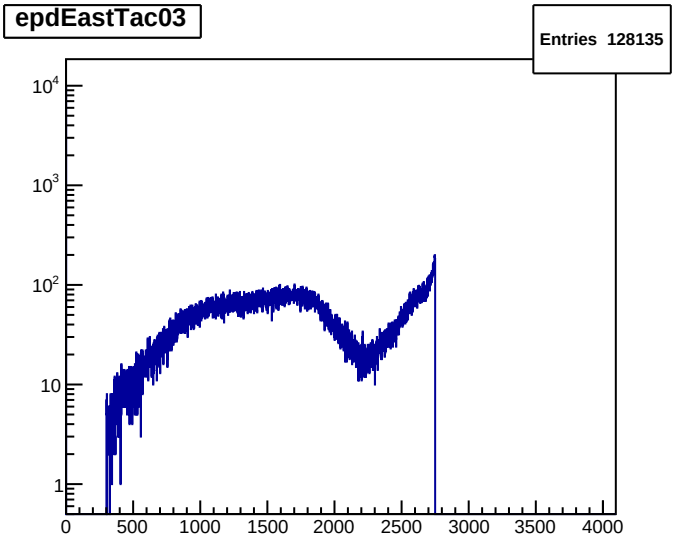
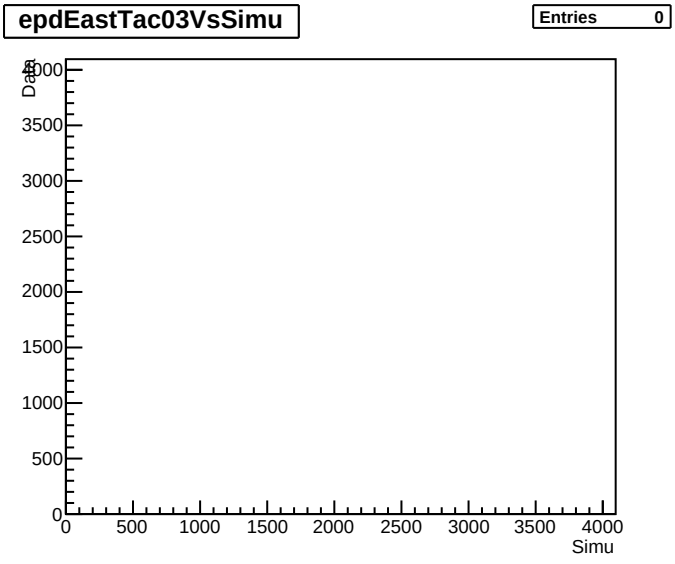
Entries 1025080
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 128135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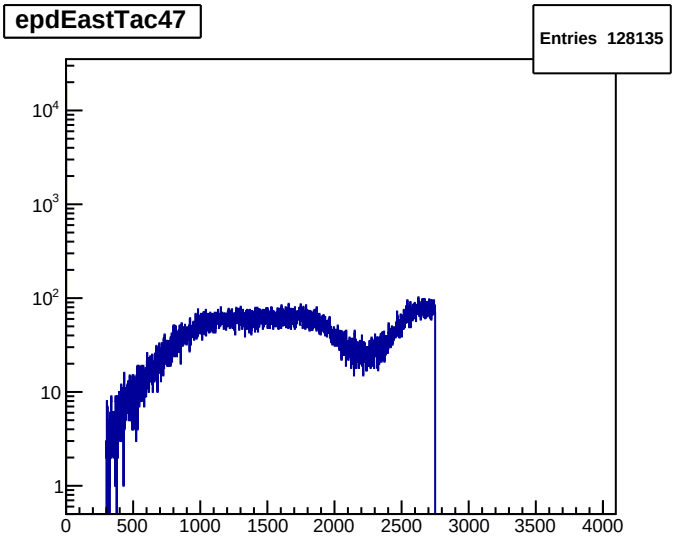
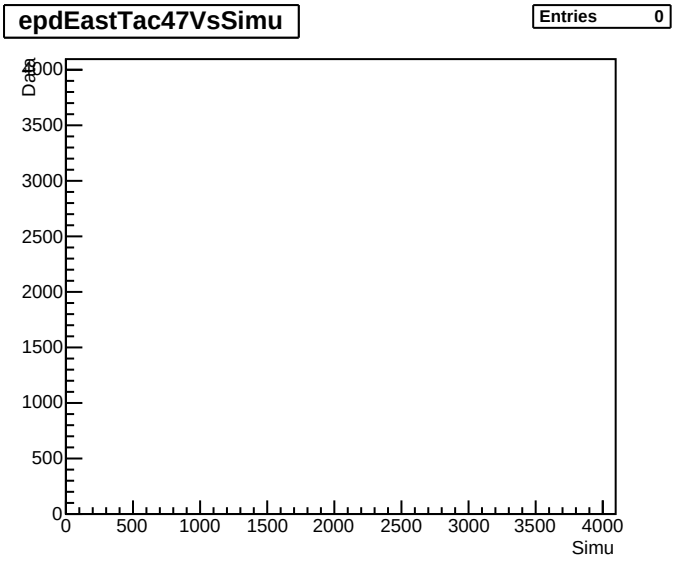
Entries 0
Data
Simu


epdEastTac47
Entries 128135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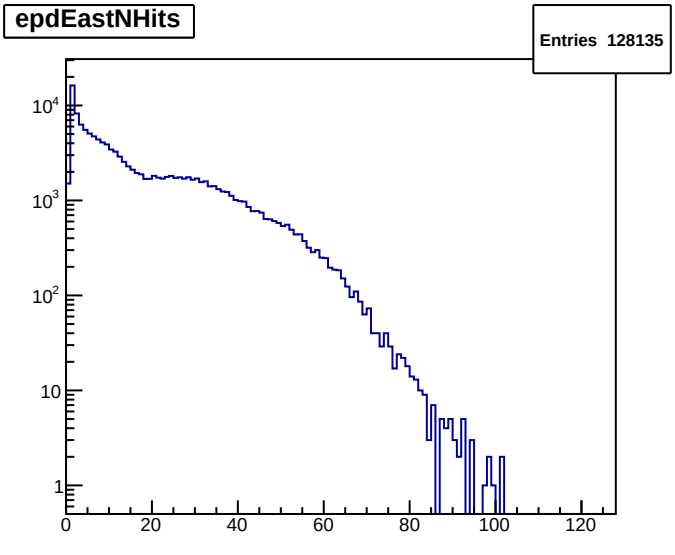
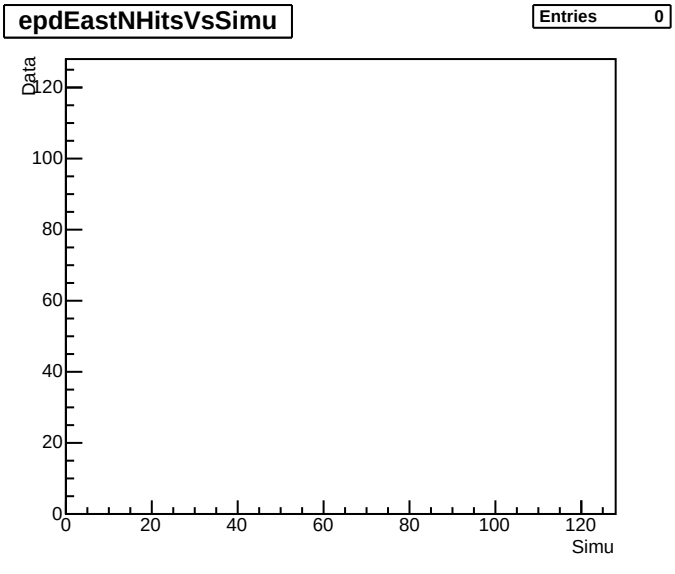
Entries 0
Data
Simu


epdEastNHits
Entries 128135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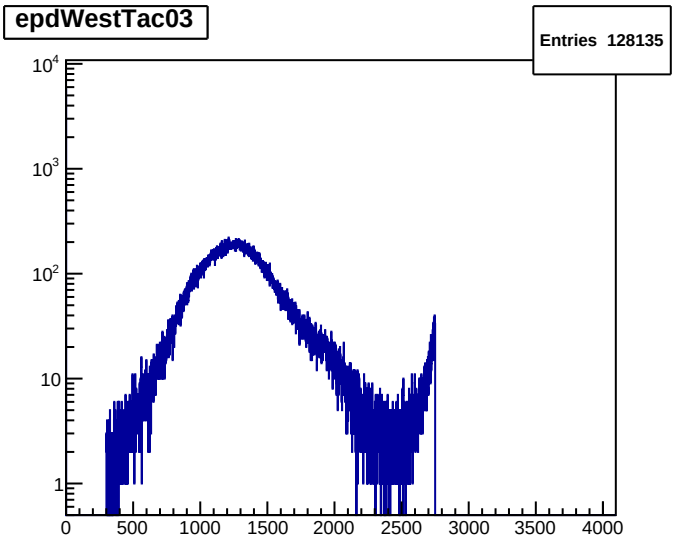
Data
Simu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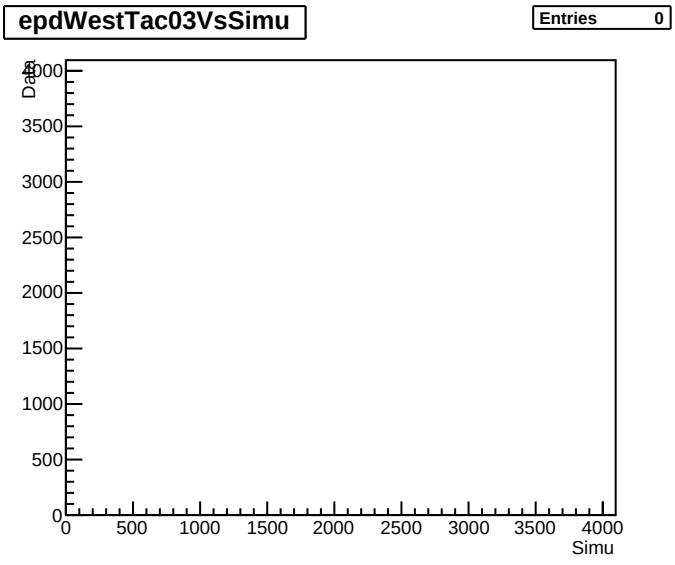
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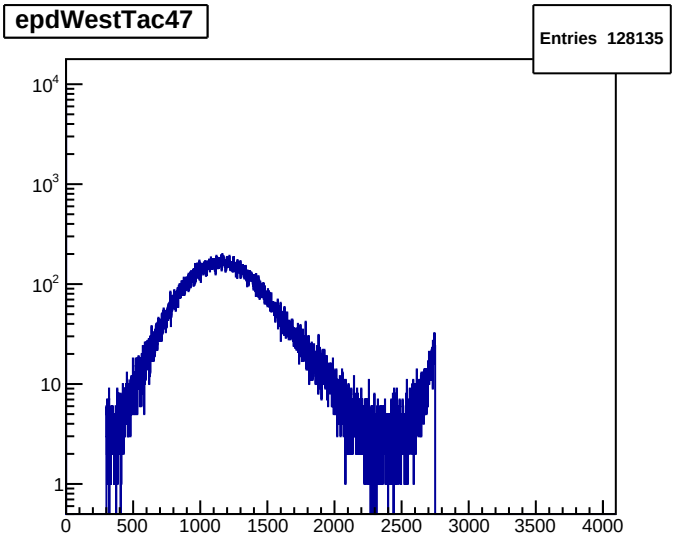
Entries 0
Data
Simu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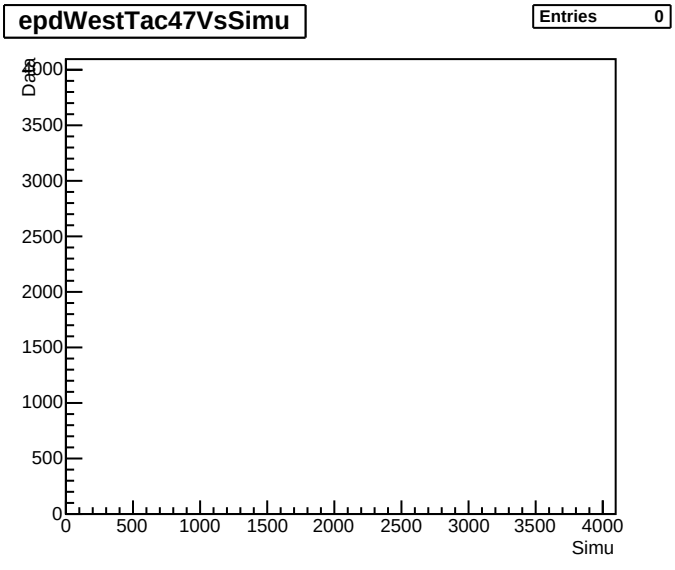
Entries 128135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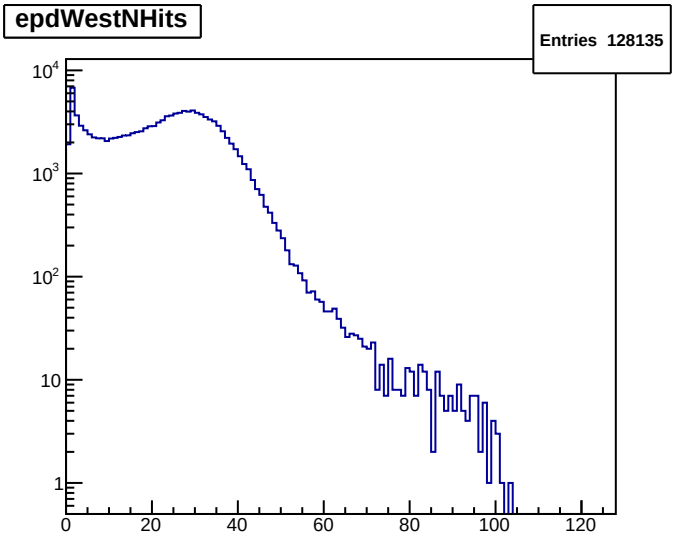
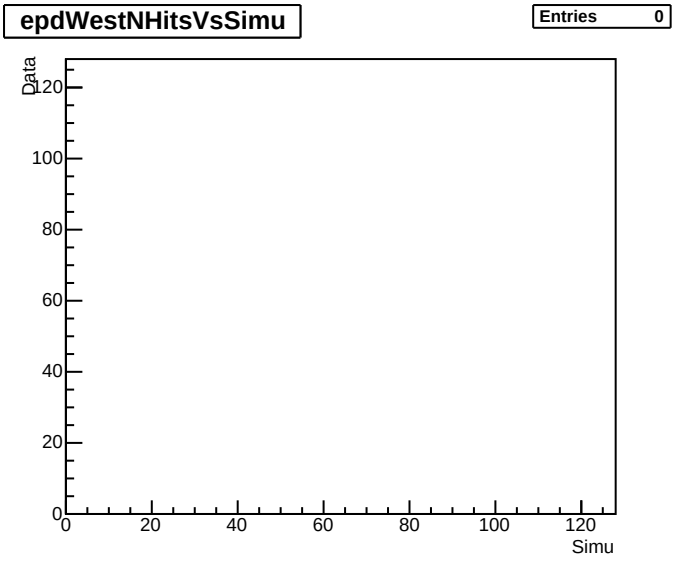
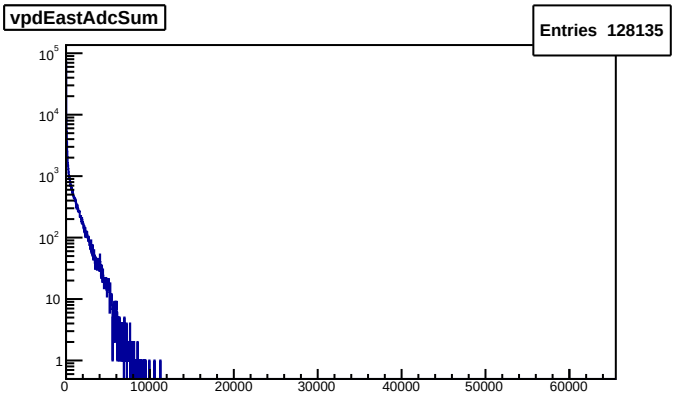
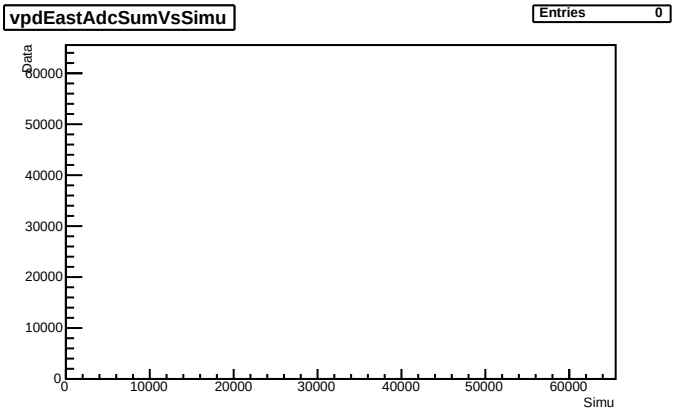
Entries 0
Data
Simu


epdWestNHits
Entries 128135


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 128135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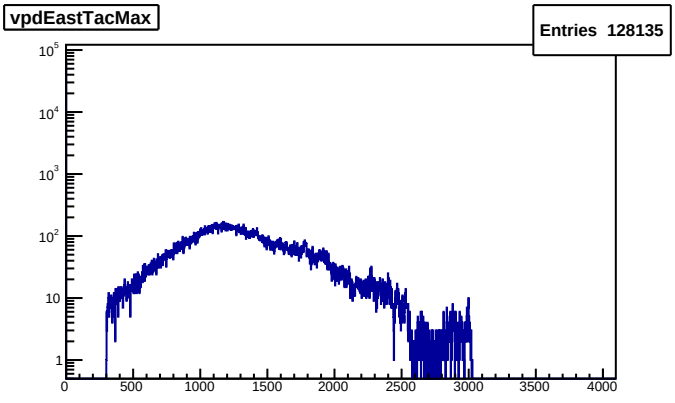
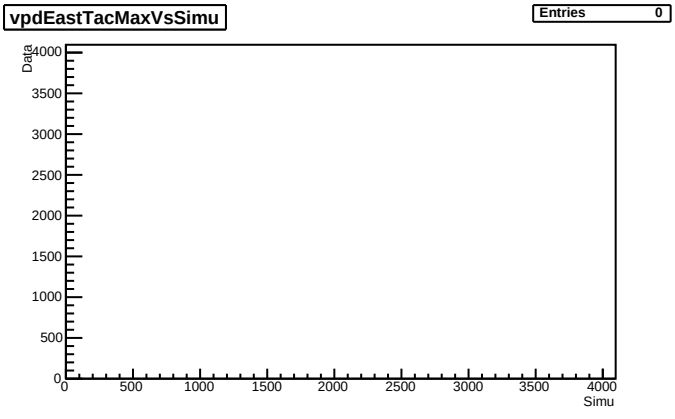
Entries 0
Data
Simu


vpdEastTacMax
Entries 128135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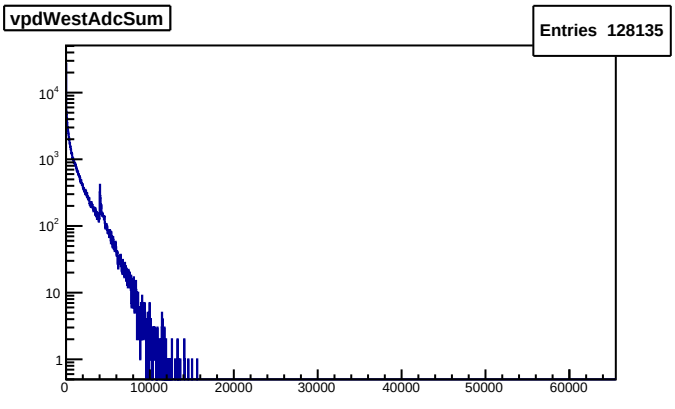
Entries 0
Data
Simu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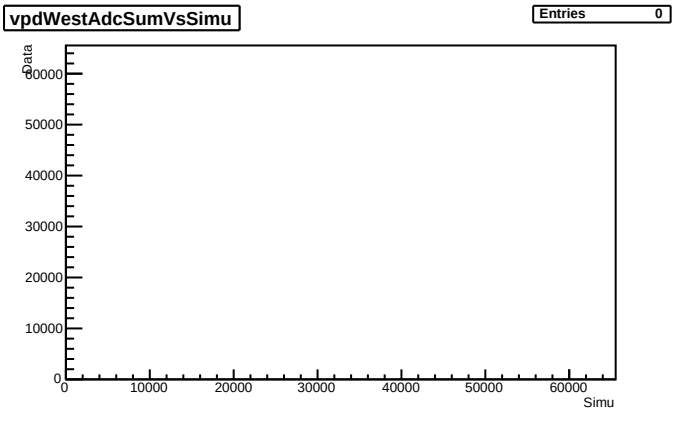
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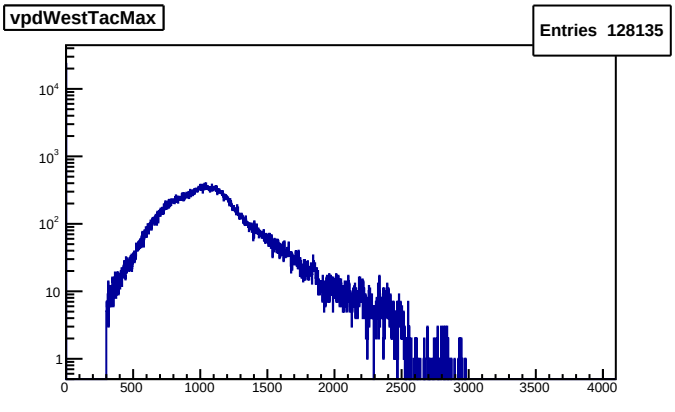
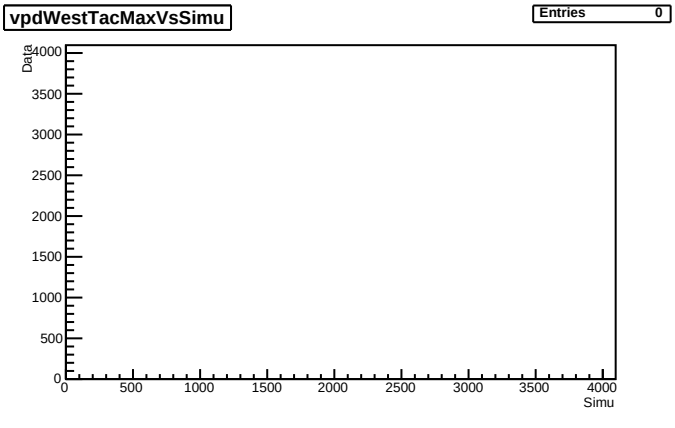
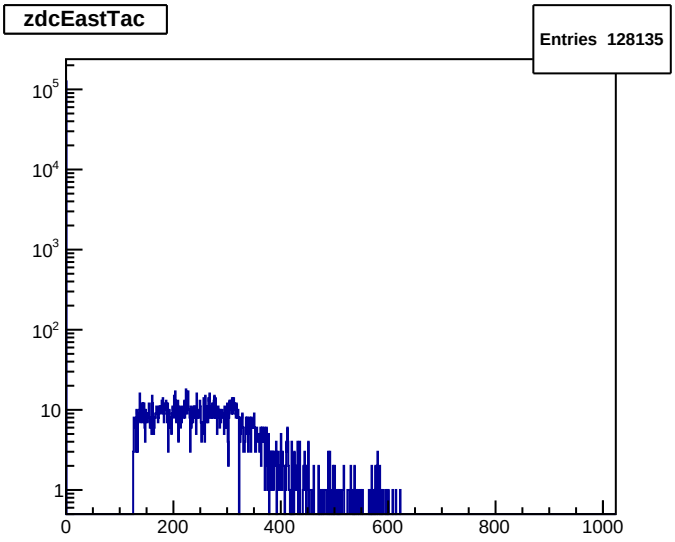
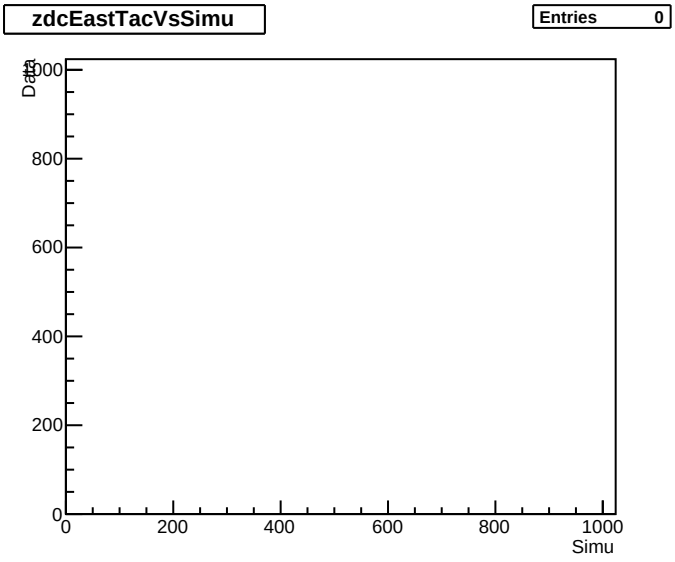
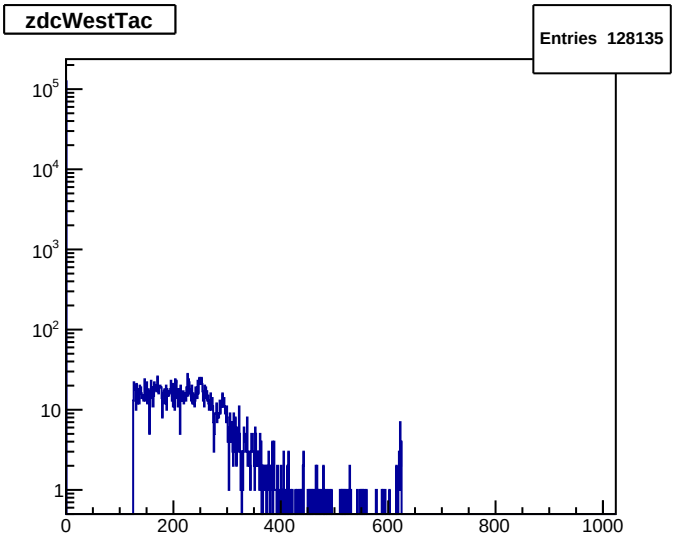
Entries 0
Data
Simu

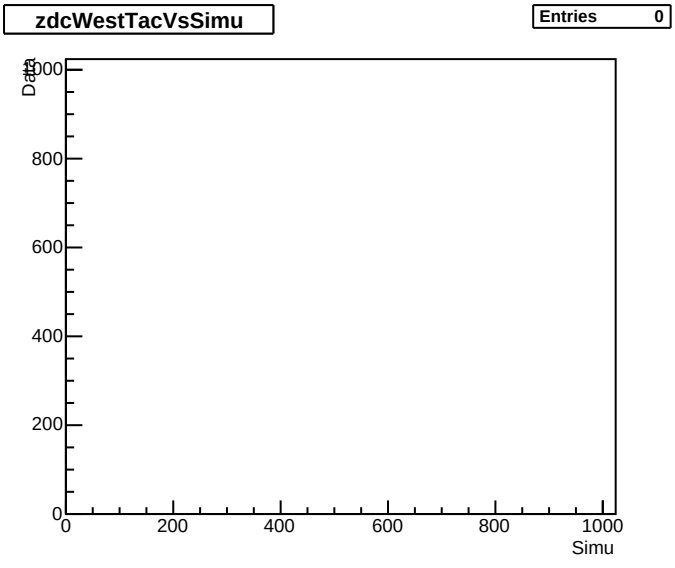

vpdWestTacMax
Entries 128135

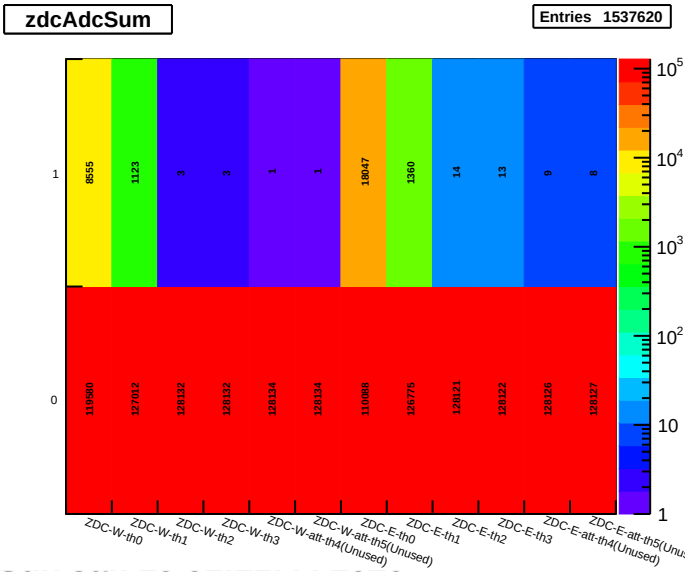

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 128135
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


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


zdcWestTac
Entries 128135
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


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


zdcAdcSum
Entries 1537620
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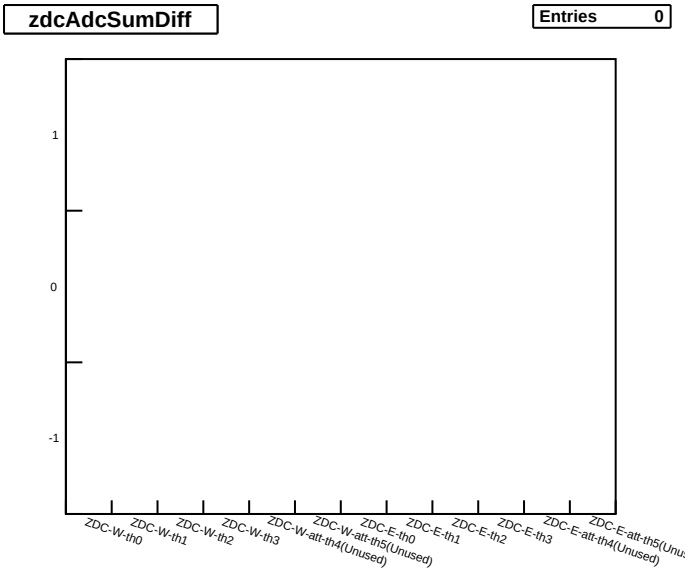
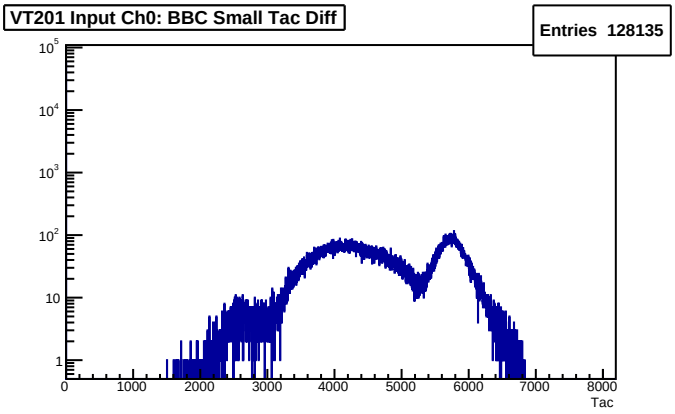
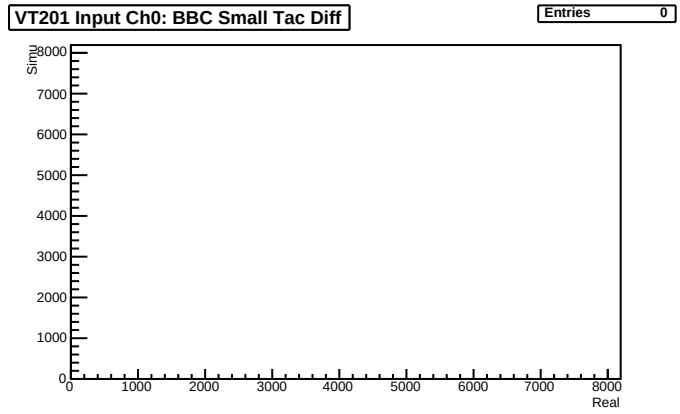
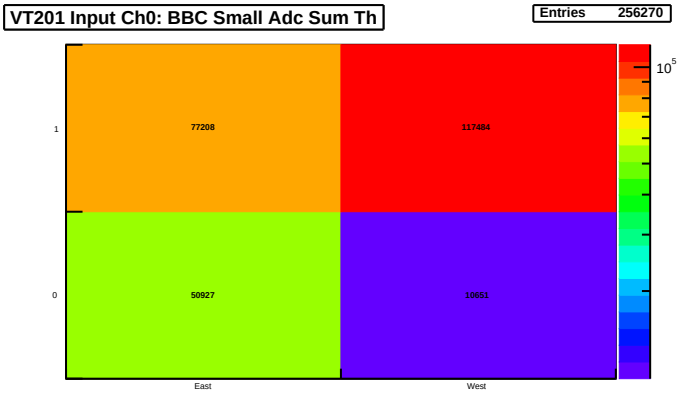
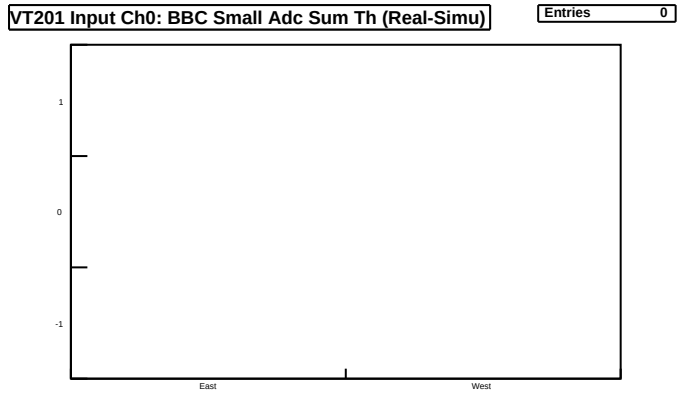
0
8555
1123
3
3
1
1
18047
1360
14
13
9
8
119580
127012
128132
128132
128134
128134
110088
126775
128121
128122
128126
128127
10^5
10^4
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

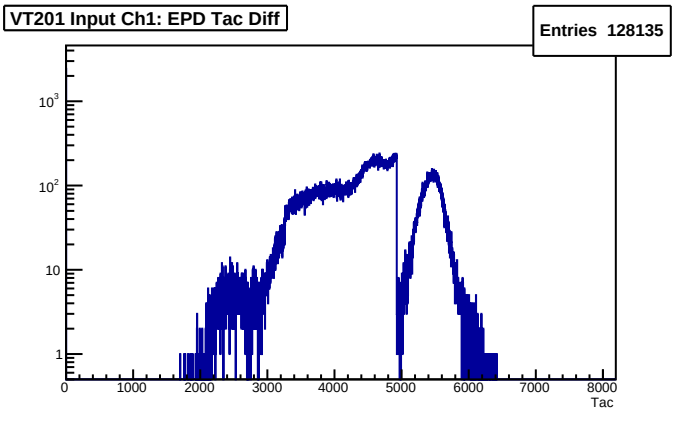

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

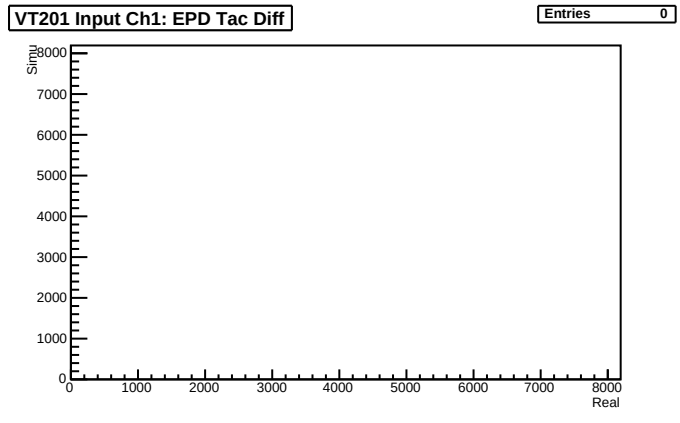

VT201 Input Ch0: BBC Small Tac Diff
Entries 128135
Tac

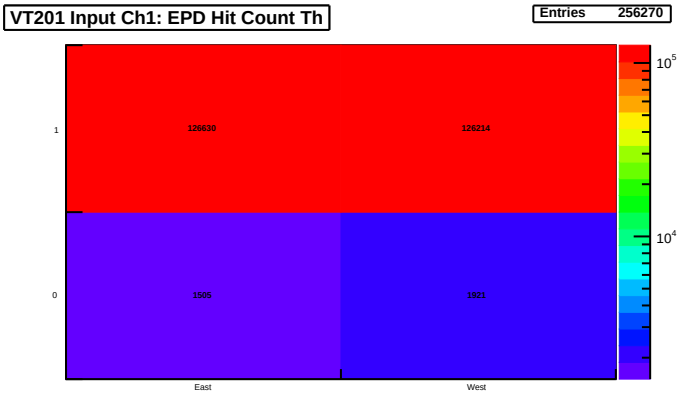

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

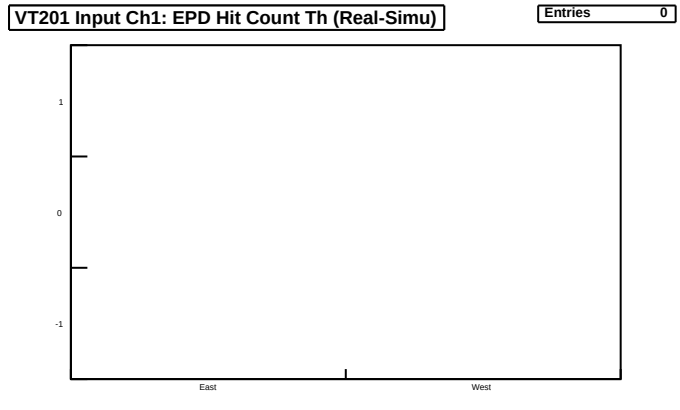

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 256270
77208
117484
50927
10651
East
West

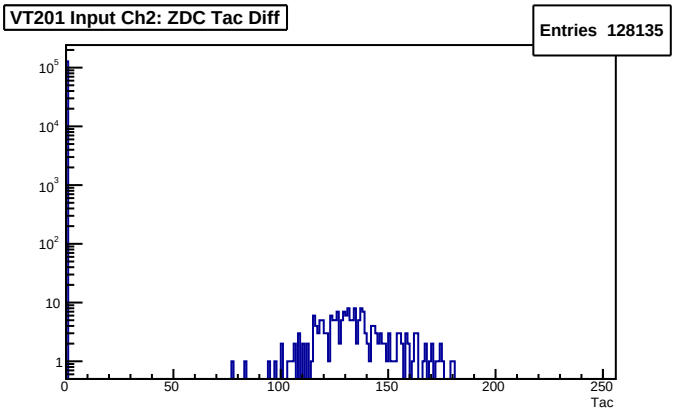

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

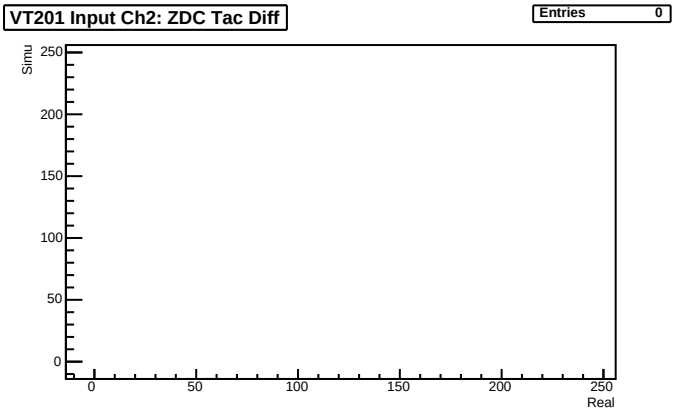

VT201 Input Ch1: EPD Tac Diff
Entries 128135
Tac

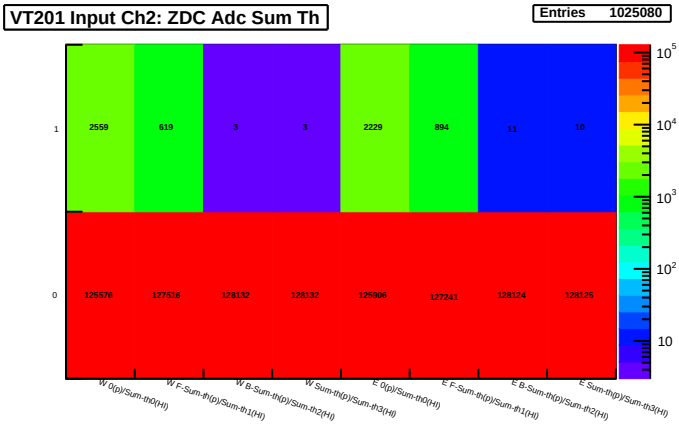

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

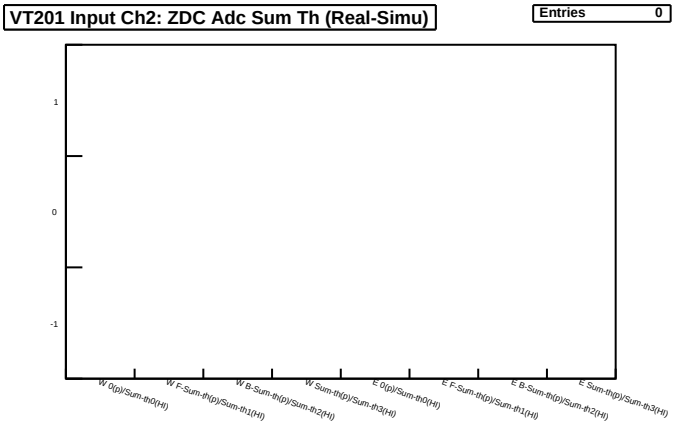

VT201 Input Ch1: EPD Hit Count Th
Entries 256270
126630
126214
1505
1921
East
West

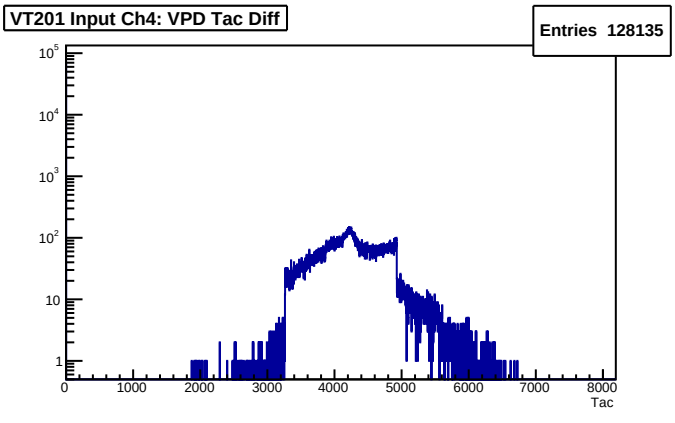

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

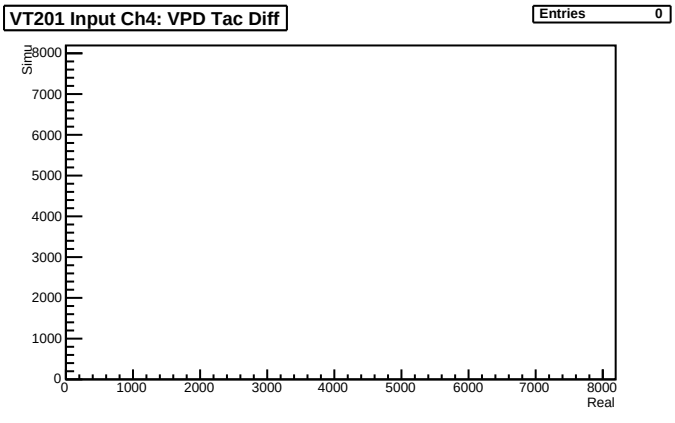

VT201 Input Ch2: ZDC Tac Diff
Entries 128135
Tac

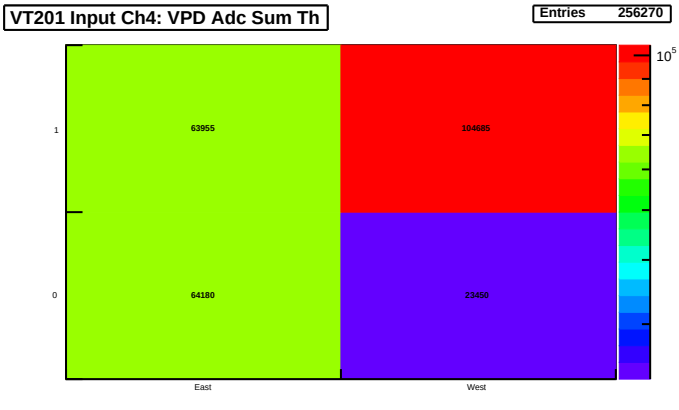

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

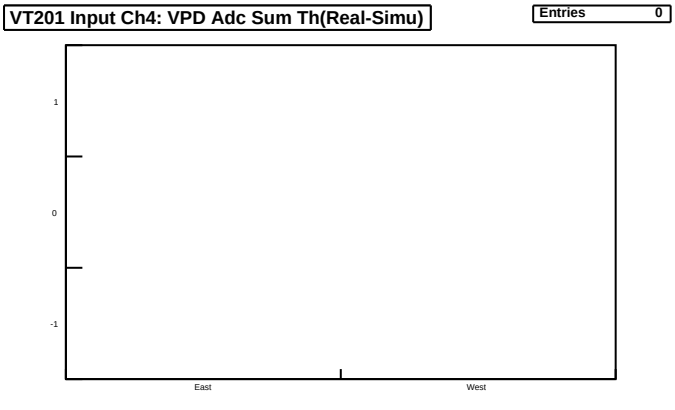

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1025080
2559
619
3
3
2229
894
11
10
125576
127516
128132
128132
125906
127241
128124
128125
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

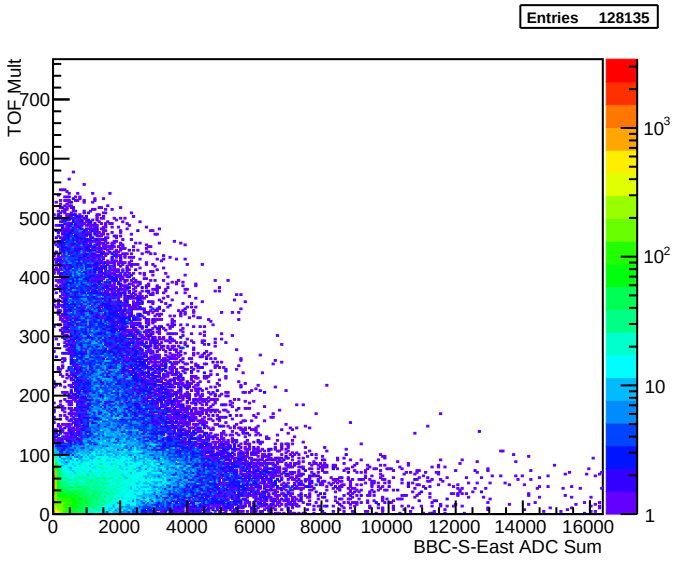

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

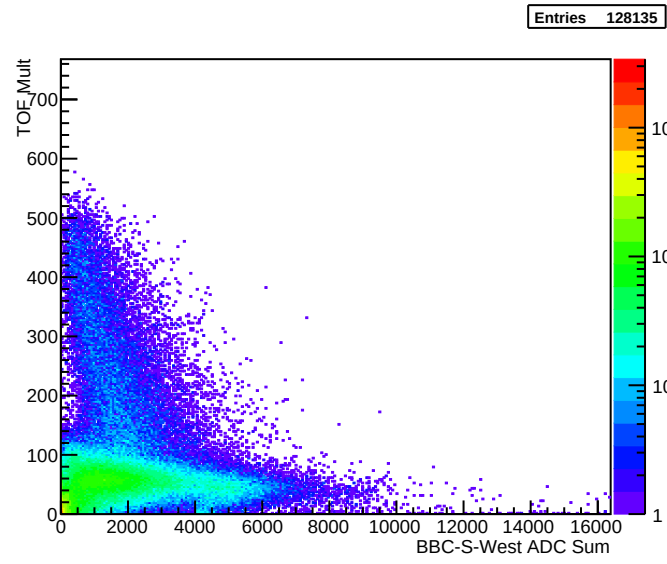

VT201 Input Ch4: VPD Tac Diff
Entries 128135
Tac

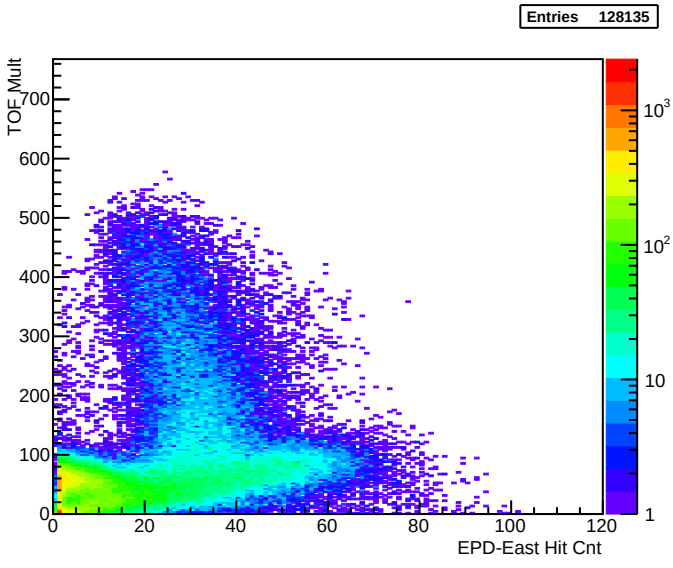

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

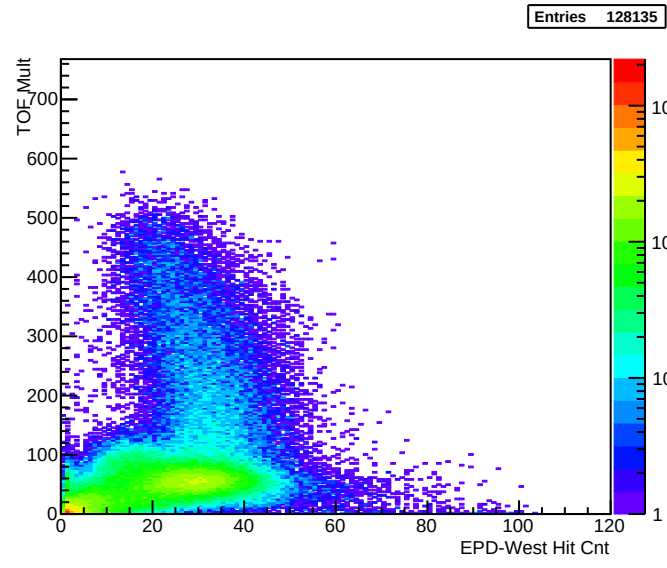

VT201 Input Ch4: VPD Adc Sum Th
Entries 256270
63955
104685
64180
23450
East
West

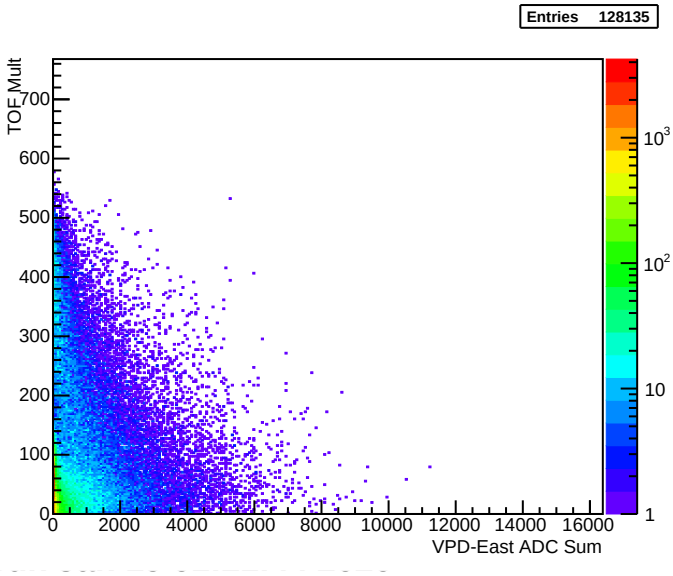

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

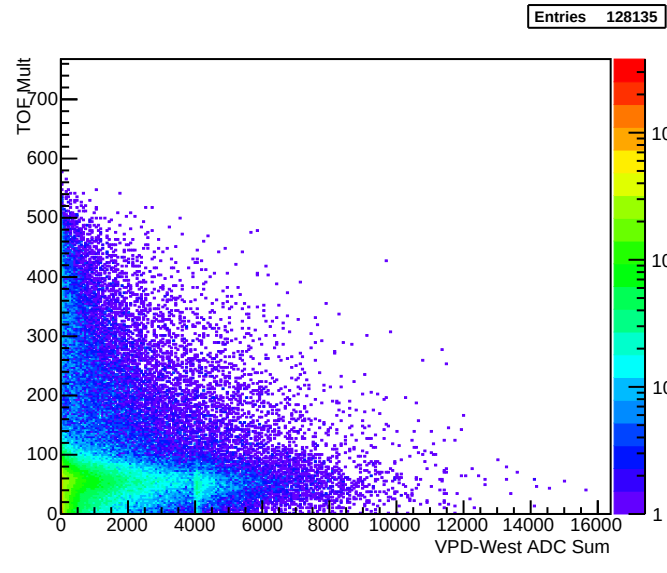

Entries 128135
TOF_Mult
BBC-S-East ADC Sum

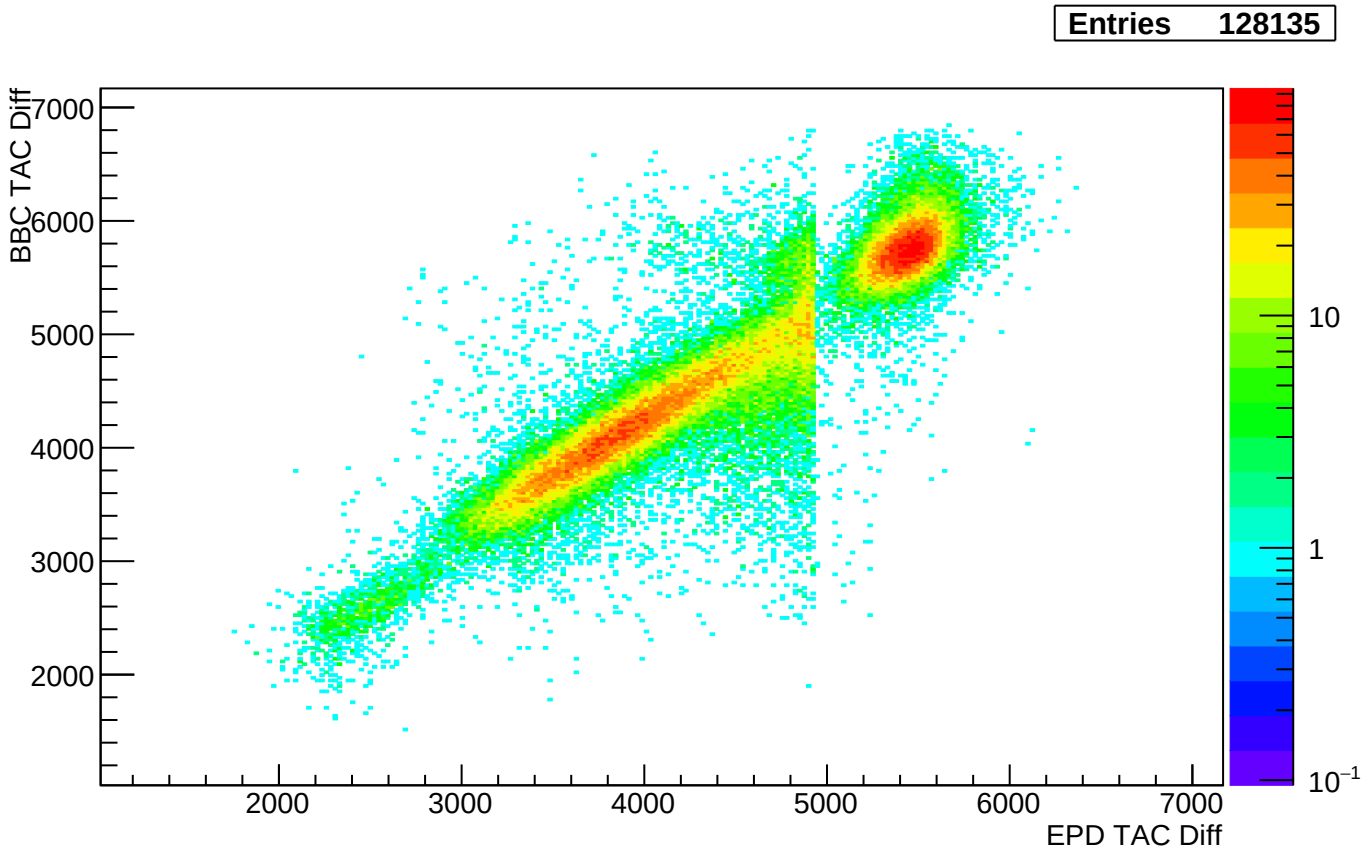

Entries 128135
TOF_Mult
BBC-S-West ADC Sum

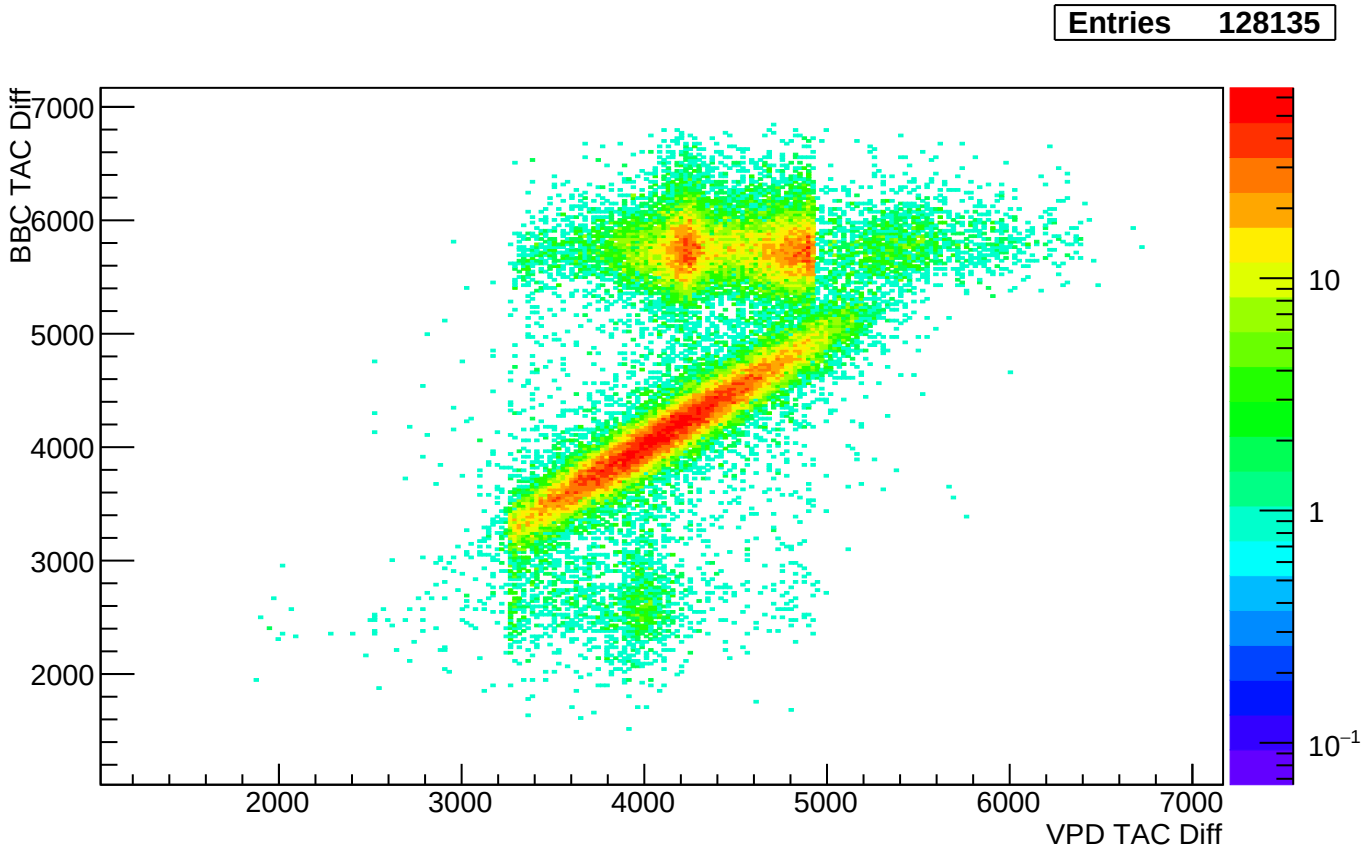

Entries 128135
TOF_Mult
EPD-East Hit Cnt

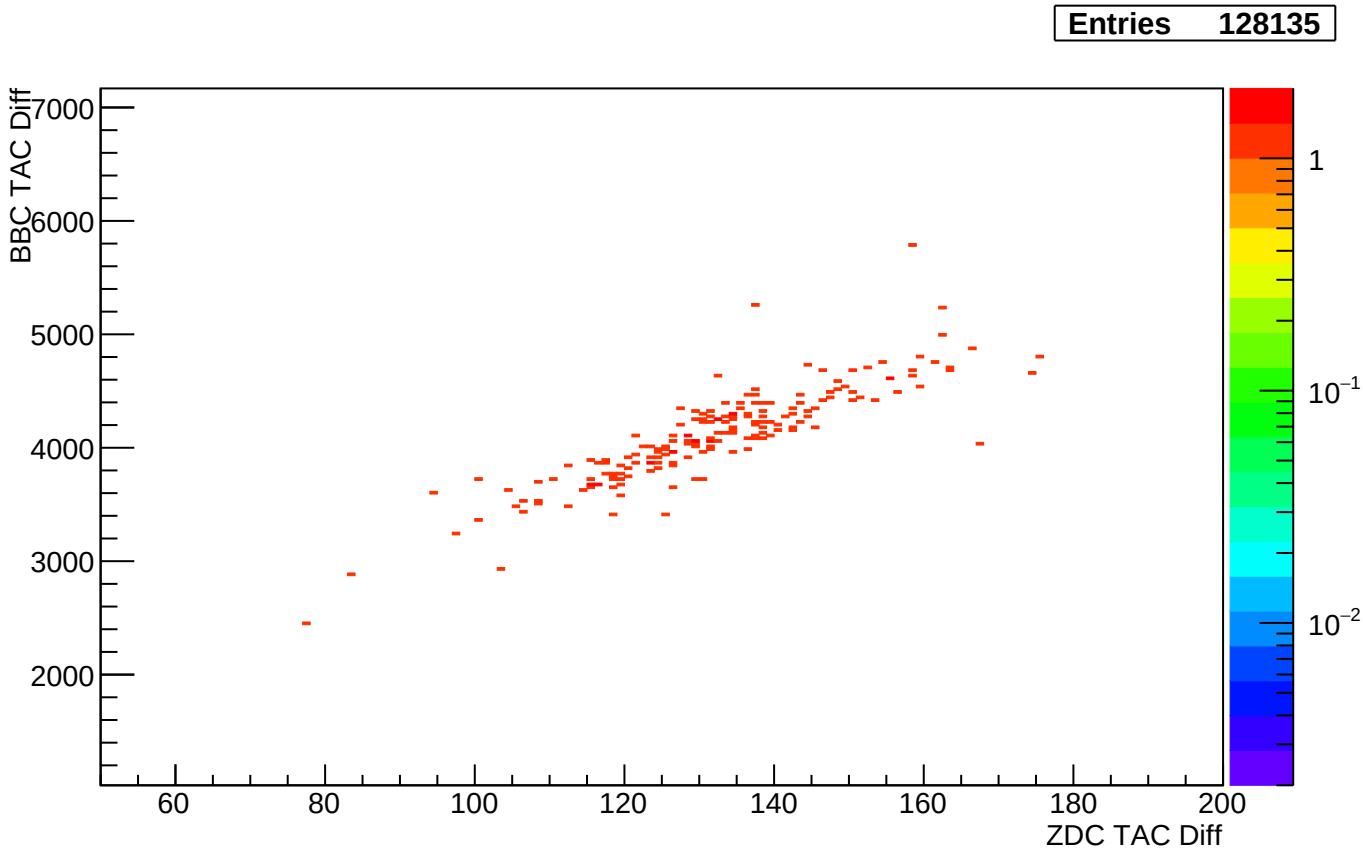

Entries 128135
TOF_Mult
EPD-West Hit Cnt

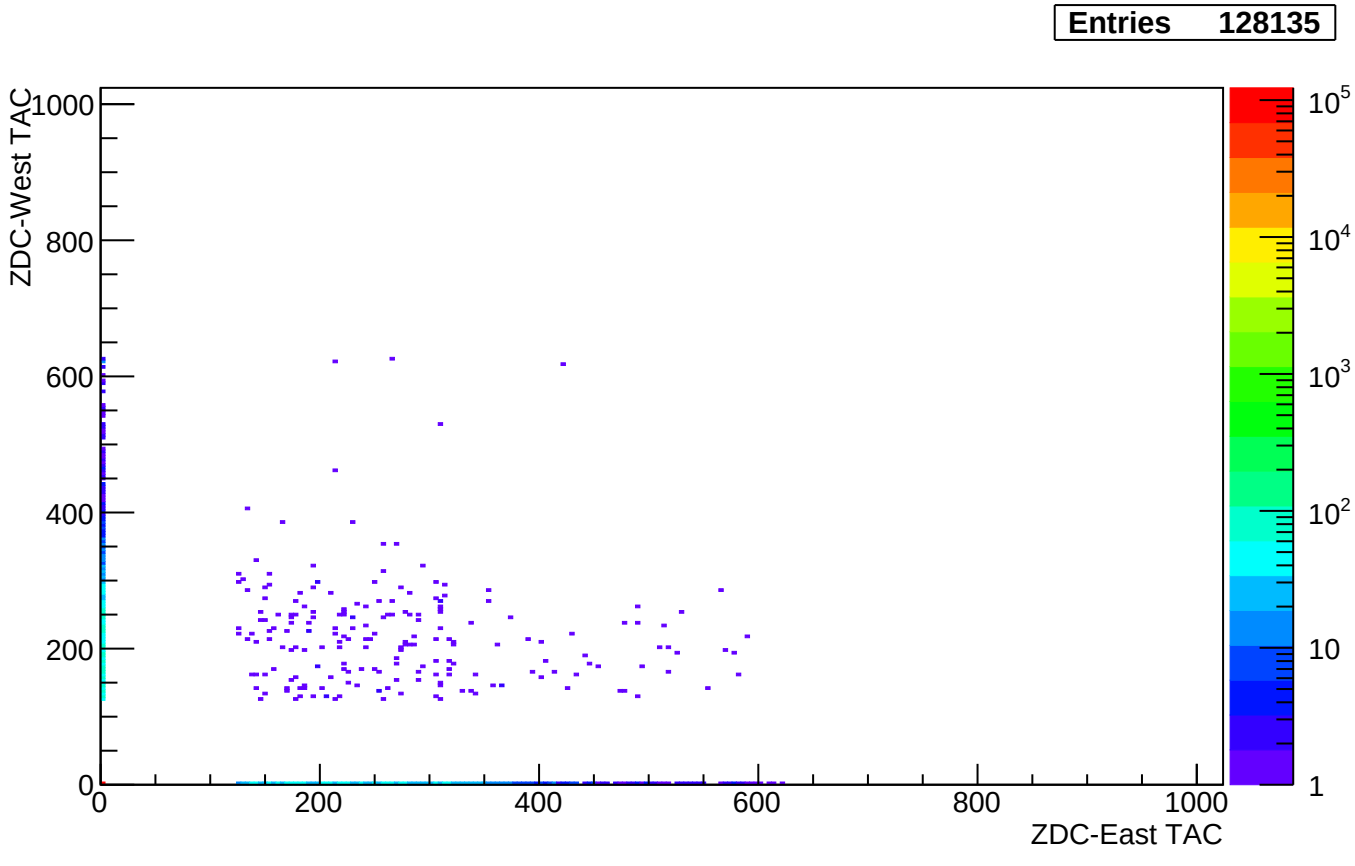

Entries 128135
TOF_Mult
VPD-East ADC Sum

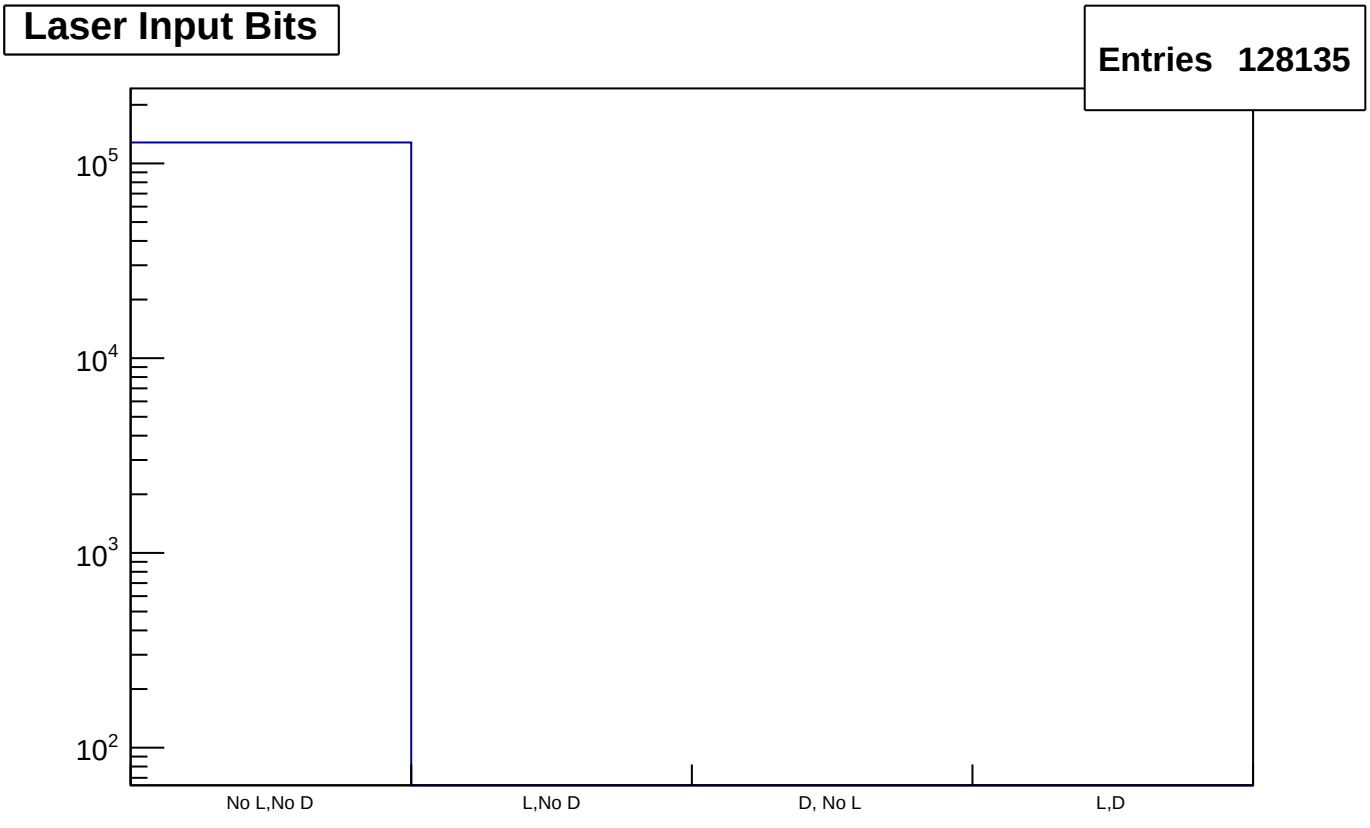

Entries 128135
TOF_Mult
VPD-West ADC Sum

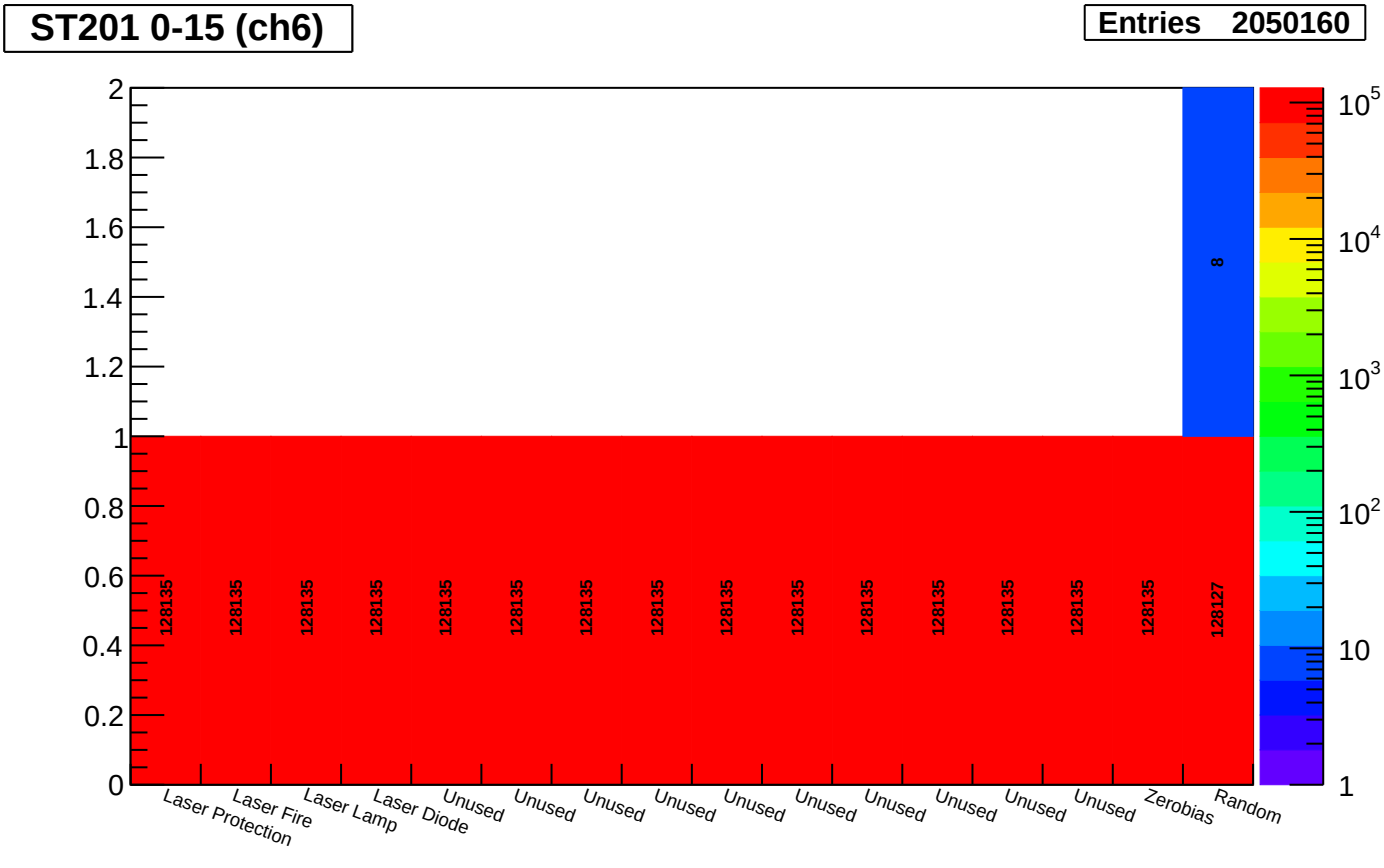

Entries 128135
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10
1
10^{-1}

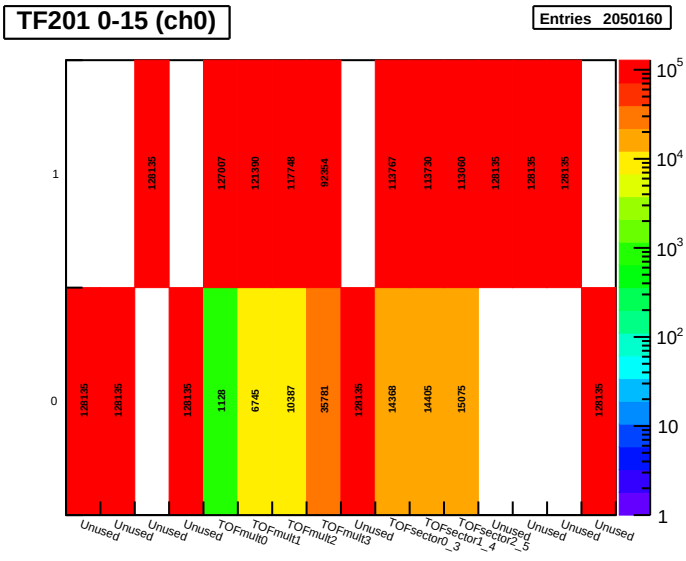

Entries 128135
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}

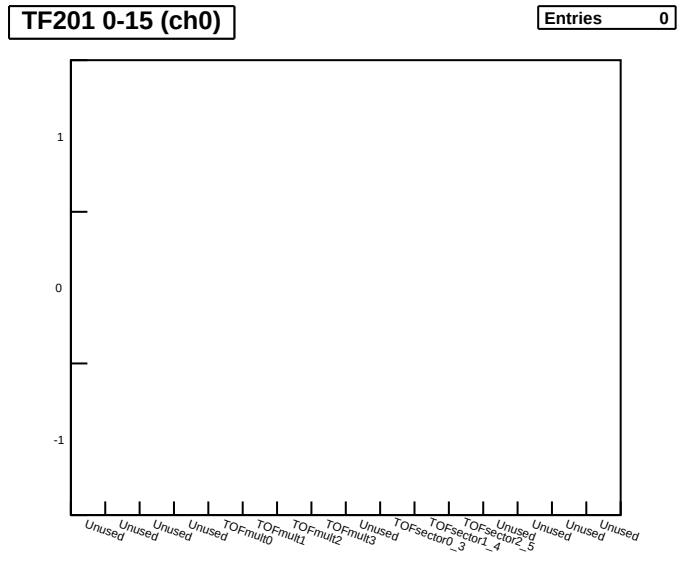

Entries 128135
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

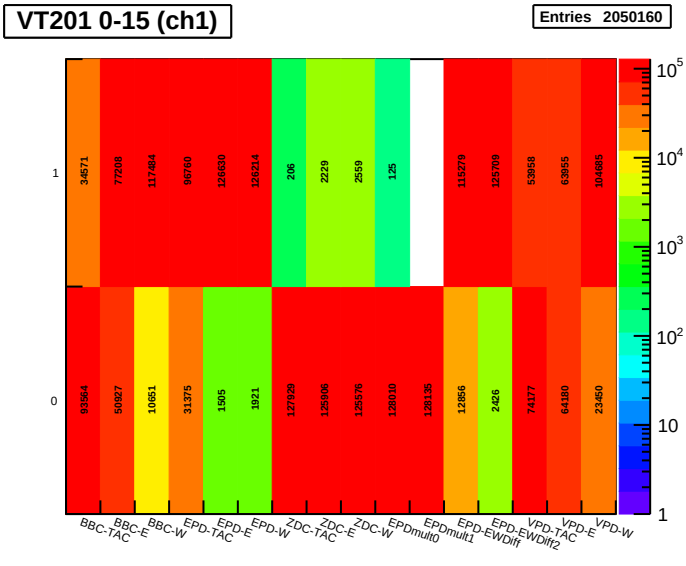

Entries 128135
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

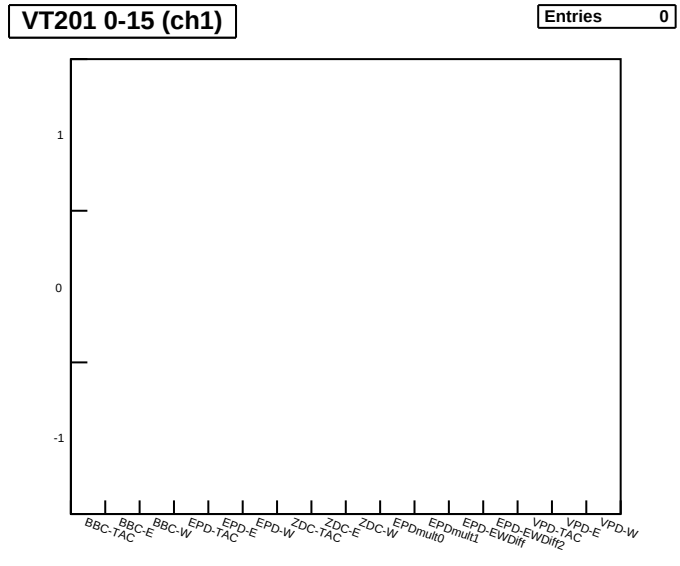

Laser Input Bits
Entries 128135
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

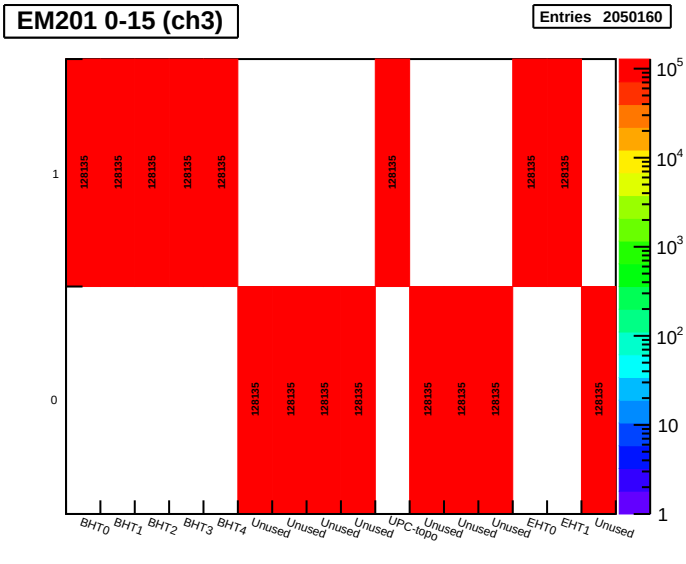

ST201 0-15 (ch6)
Entries 2050160
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
128135
128135
128135
128135
128135
128135
128135
128135
128135
128135
128135
128135
128135
128135
128135
128127
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1










EM201 0-15 (ch3)
Entries 2050160
1
0
128135
128135
128135
128135
128135
128135
128135