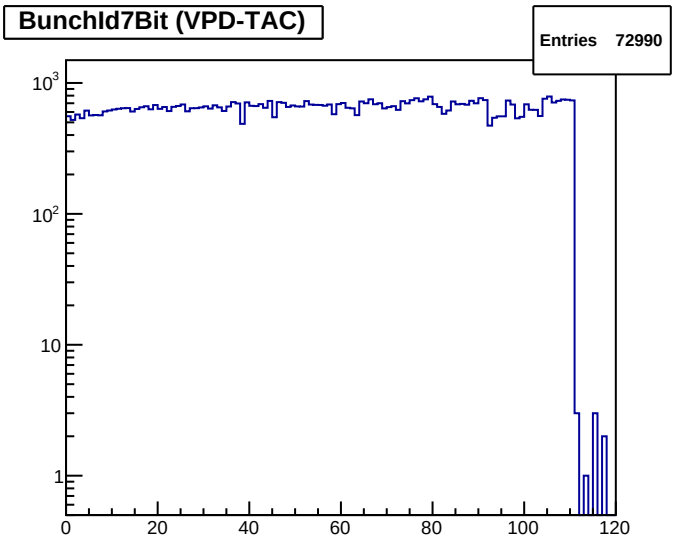
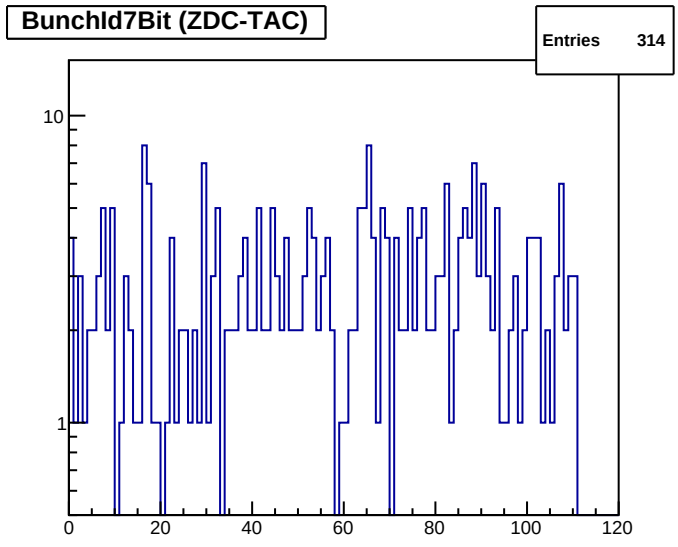
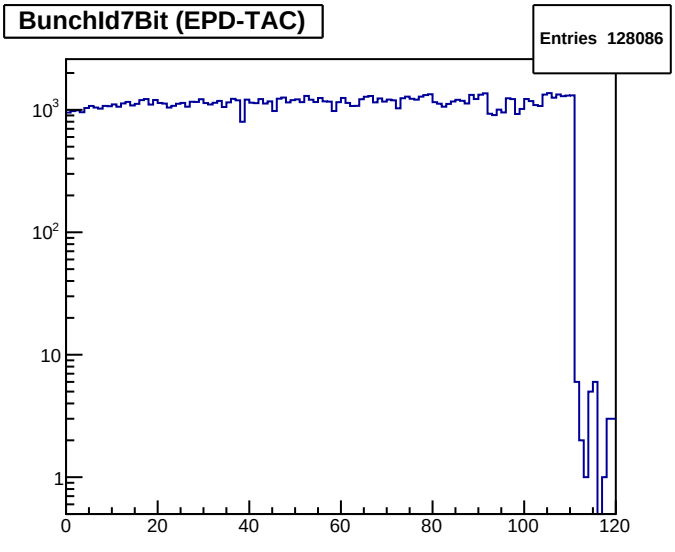
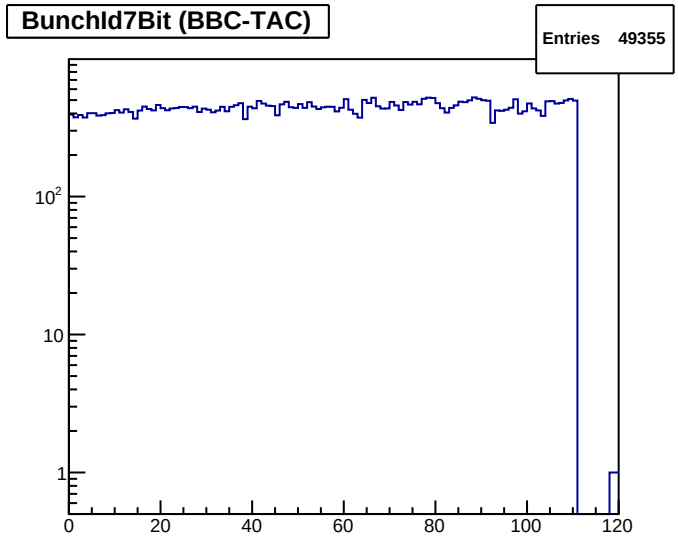
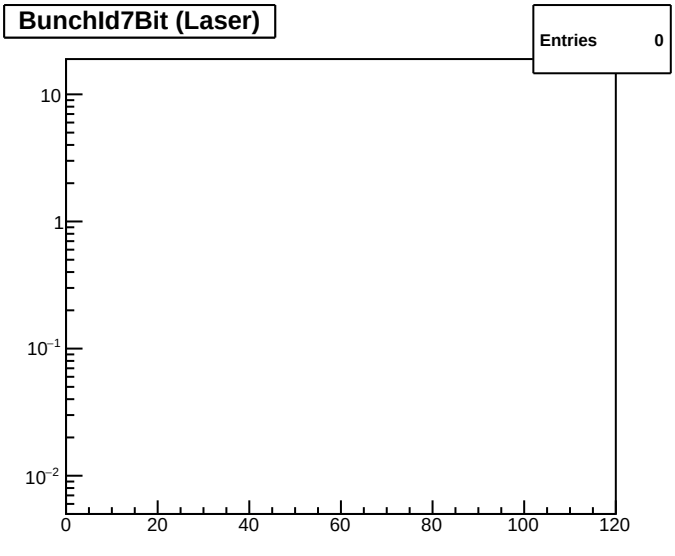
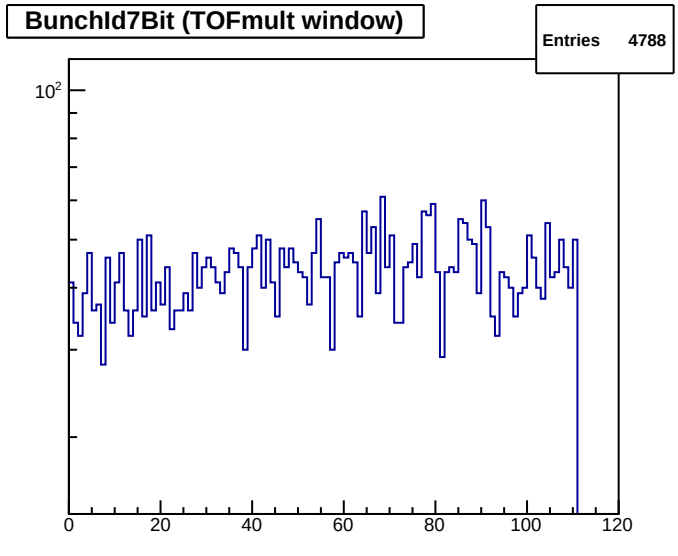

BunchId7Bit (VPD-TAC)
Entries 72990

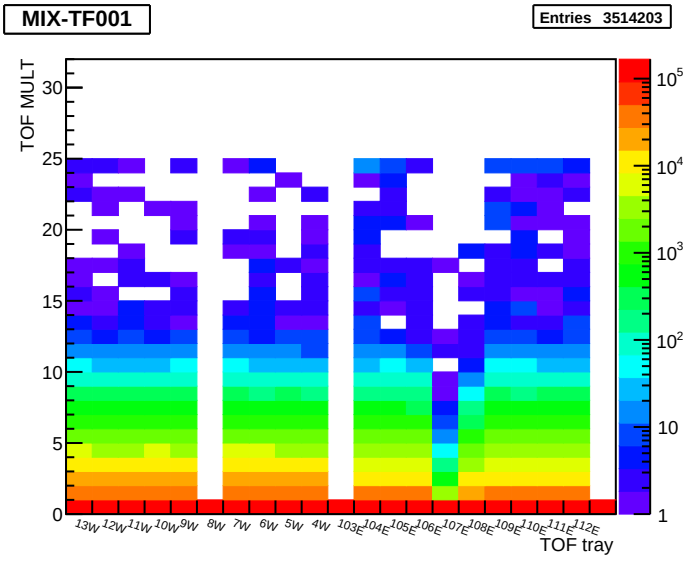

BunchId7Bit (ZDC-TAC)
Entries 314

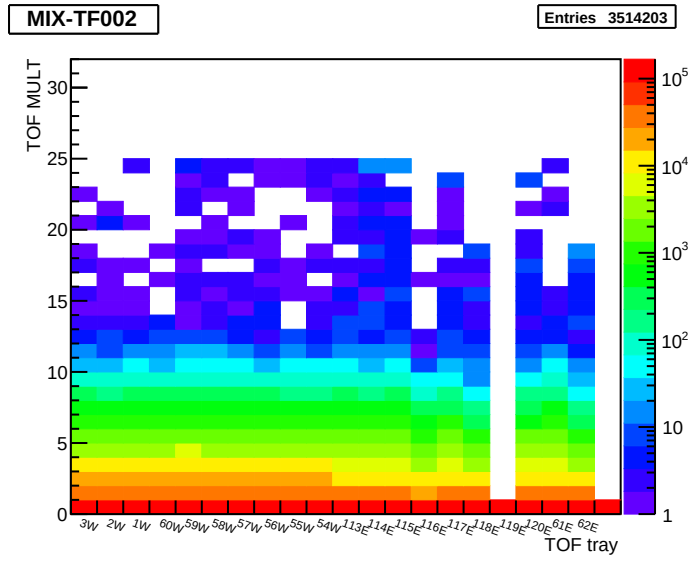

BunchId7Bit (EPD-TAC)
Entries 128086

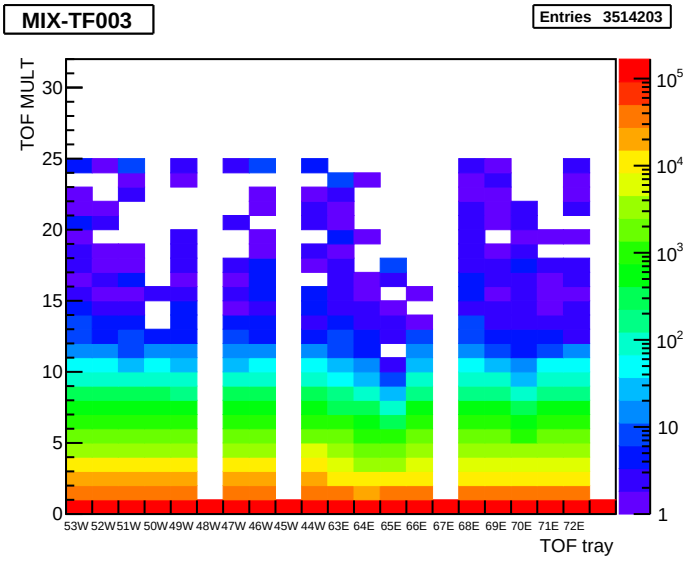

BunchId7Bit (BBC-TAC)
Entries 49355

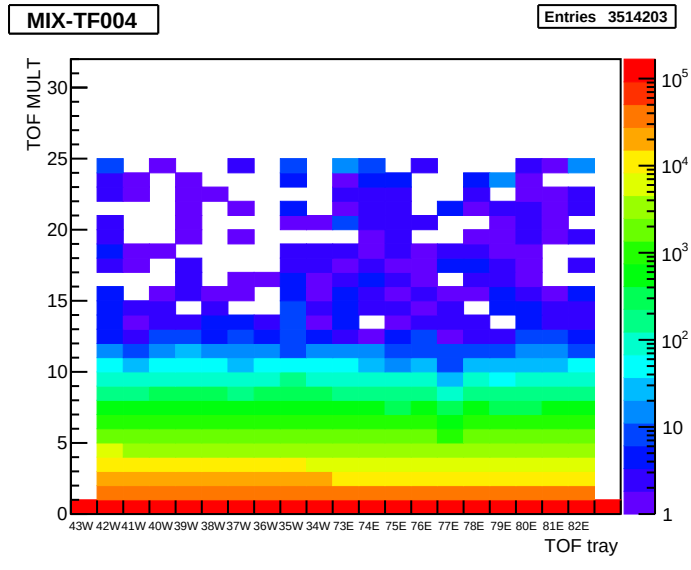

BunchId7Bit (Laser)
Entries 0

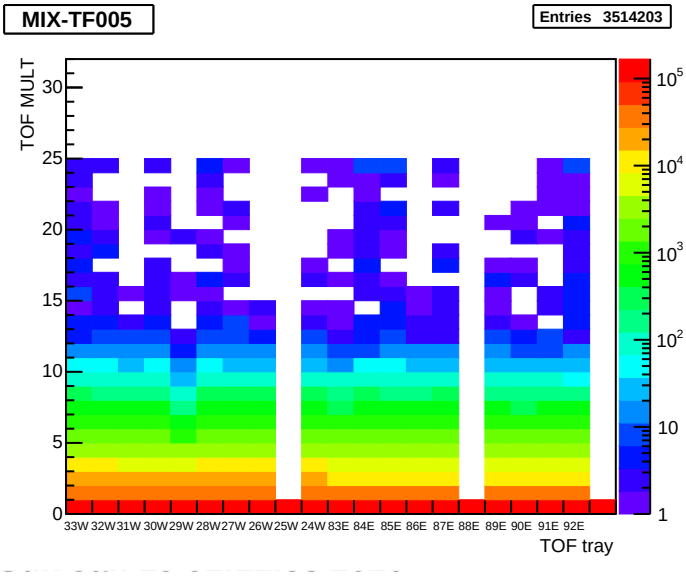

BunchId7Bit (TOFmult window)
Entries 4788

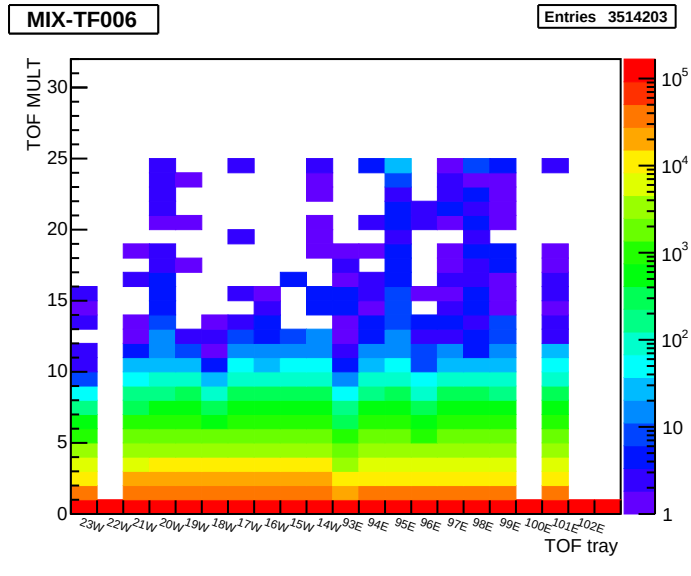

MIX-TF001
Entries 3514203
TOF MULT
TOF tray

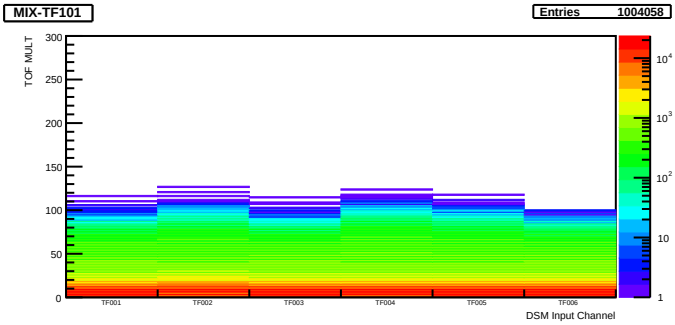

MIX-TF002
Entries 3514203
TOF MULT
TOF tray

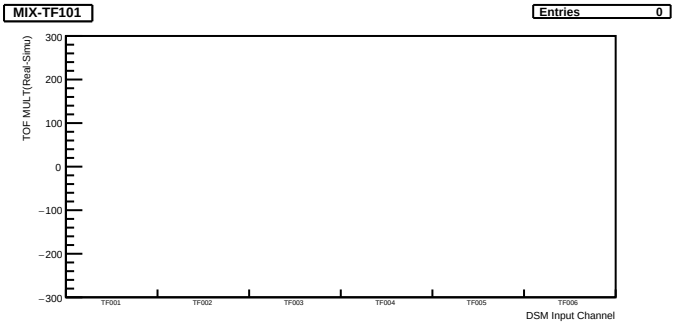

MIX-TF003
Entries 3514203
TOF MULT
TOF tray

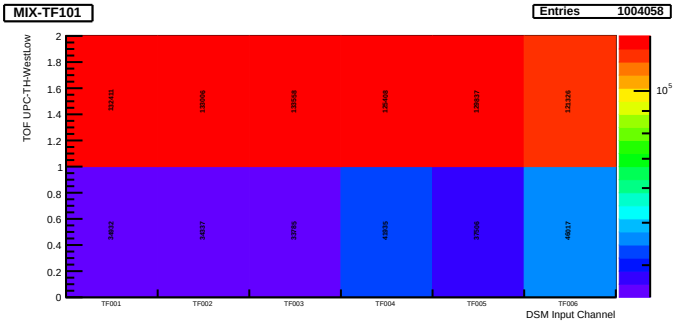

MIX-TF004
Entries 3514203
TOF MULT
TOF tray

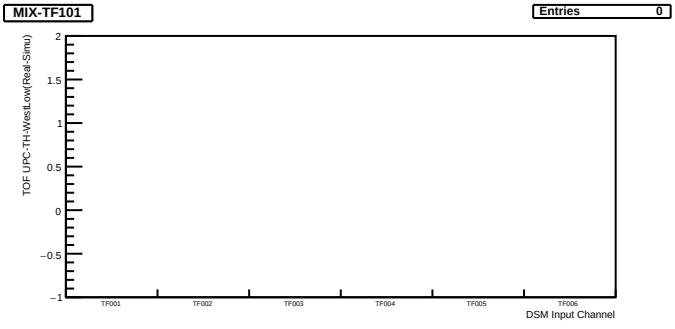

MIX-TF005
Entries 3514203
TOF MULT
TOF tray

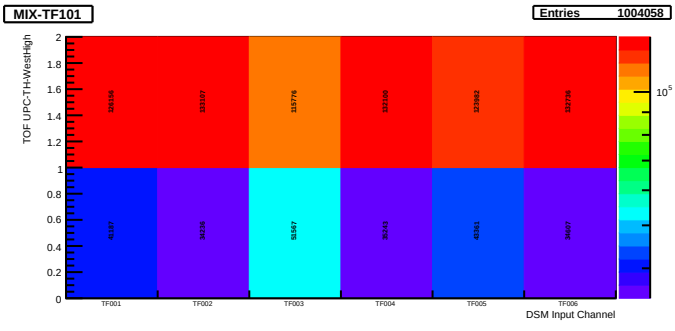

MIX-TF006
Entries 3514203
TOF MULT
TOF tray

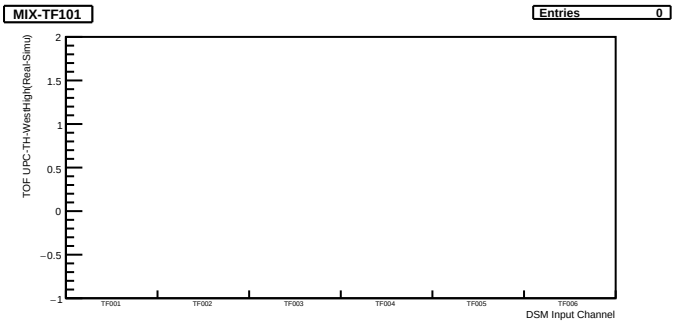

MIX-TF101
Entries 1004058
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

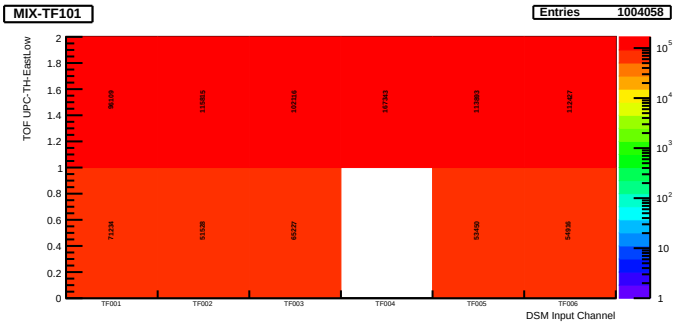

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

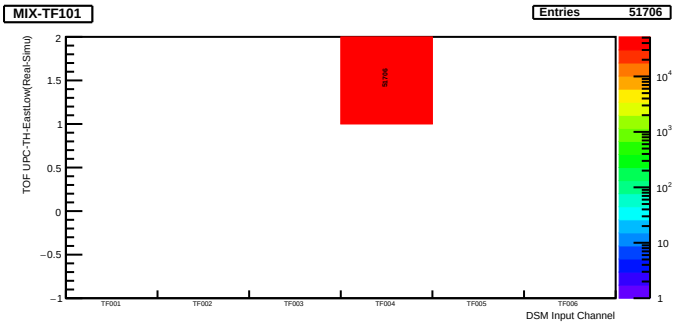

MIX-TF101
Entries 1004058
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

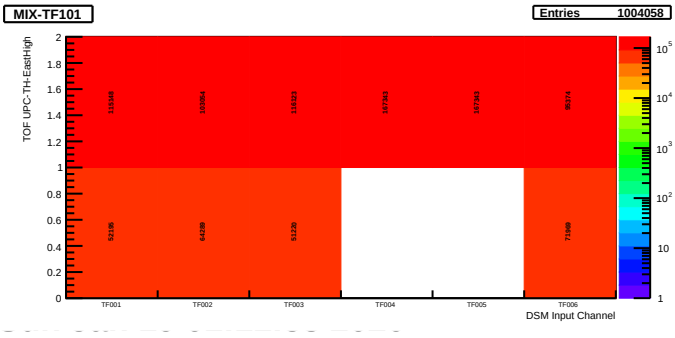

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

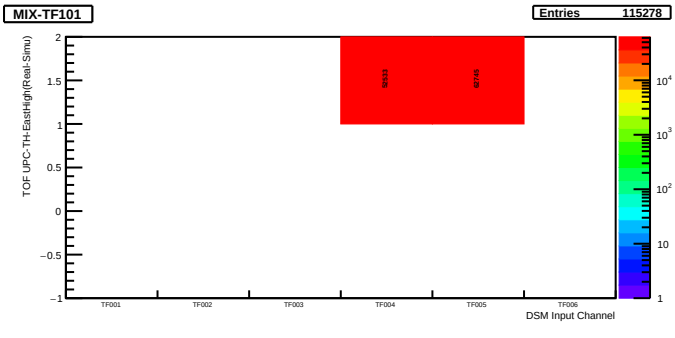

MIX-TF101
Entries 1004058
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

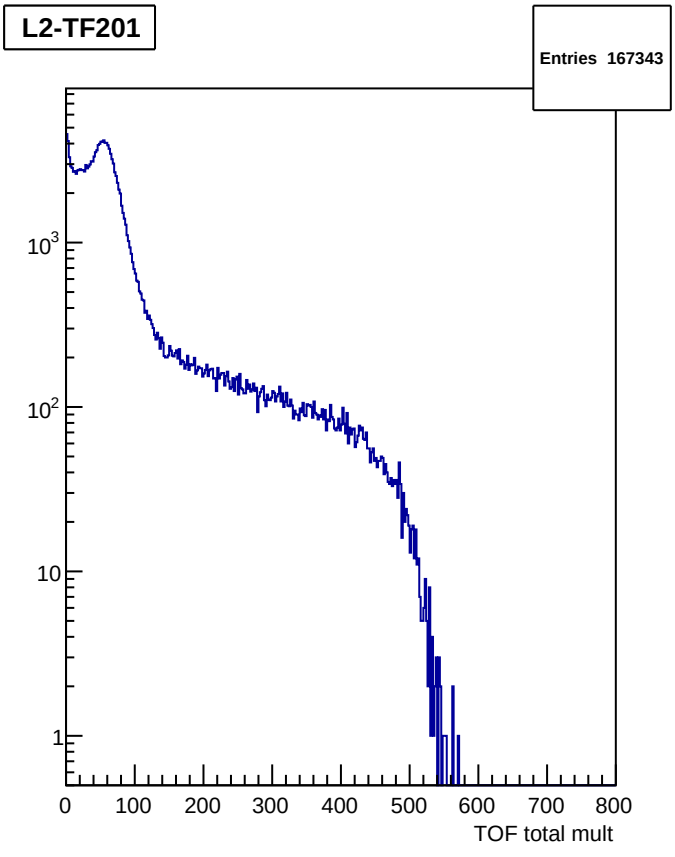

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

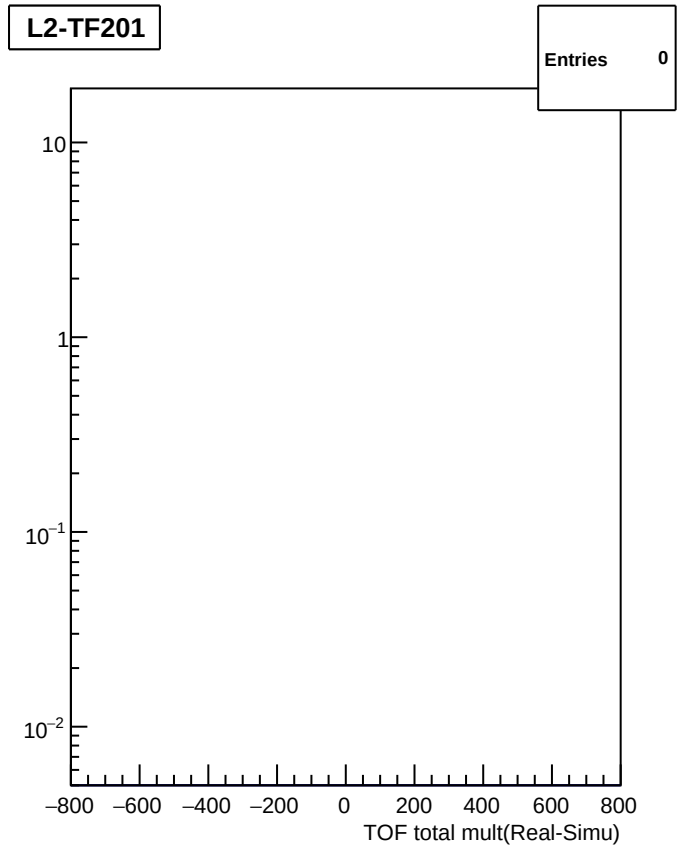

MIX-TF101
Entries 1004058
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

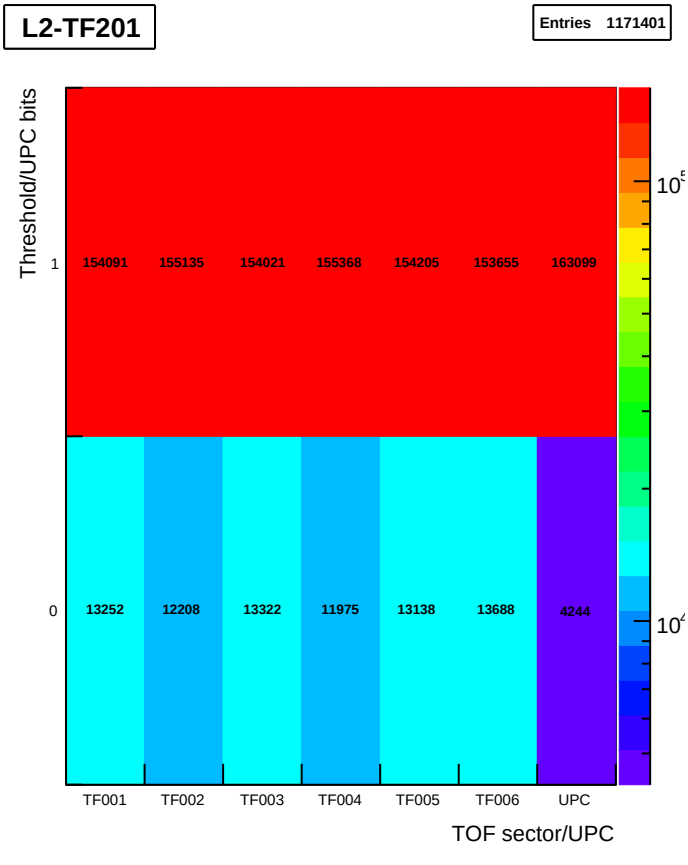

MIX-TF101
Entries 51706
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

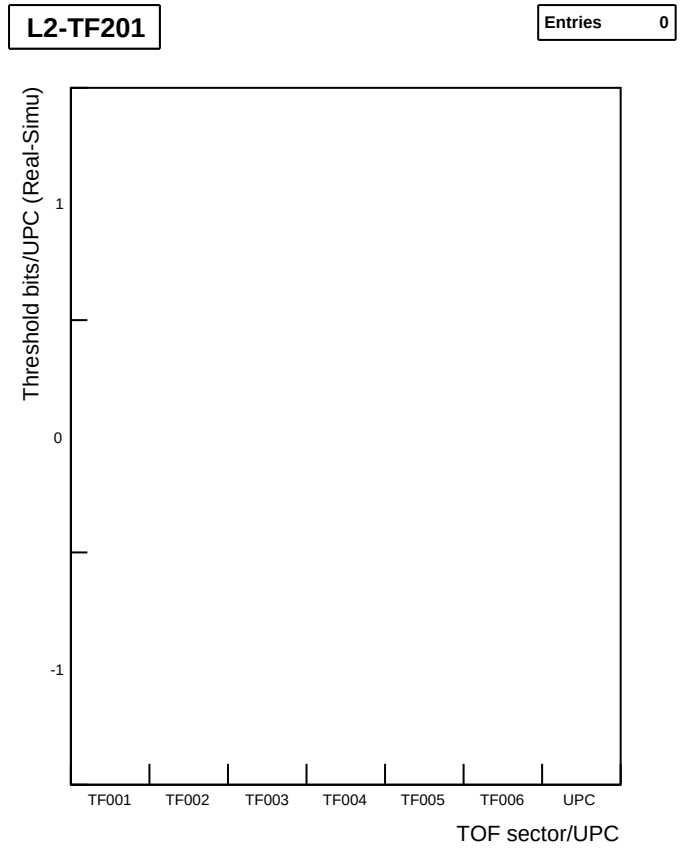

MIX-TF101
Entries 1004058
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

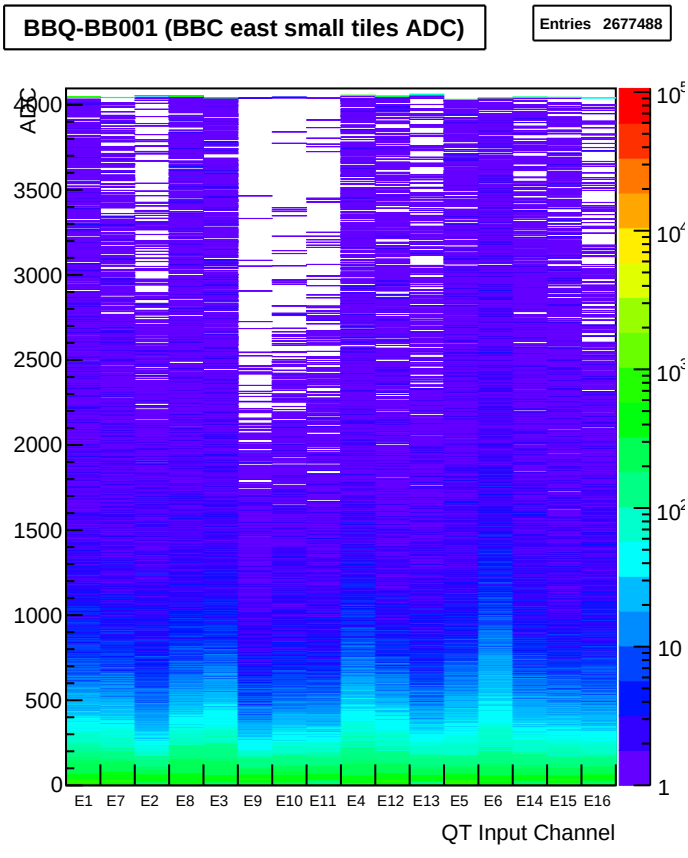

MIX-TF101
Entries 115278
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

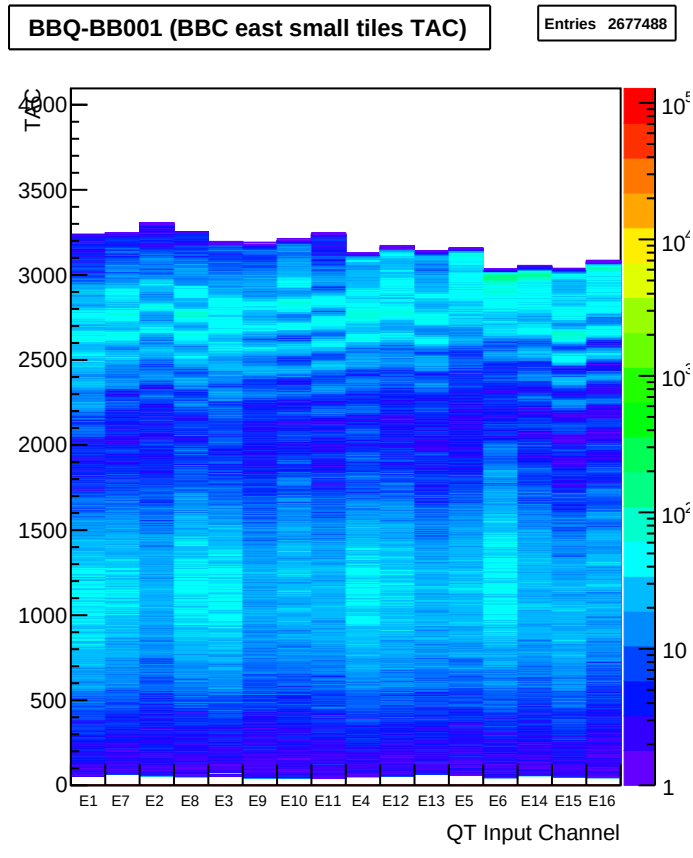

L2-TF201
Entries 167343
TOF total mult

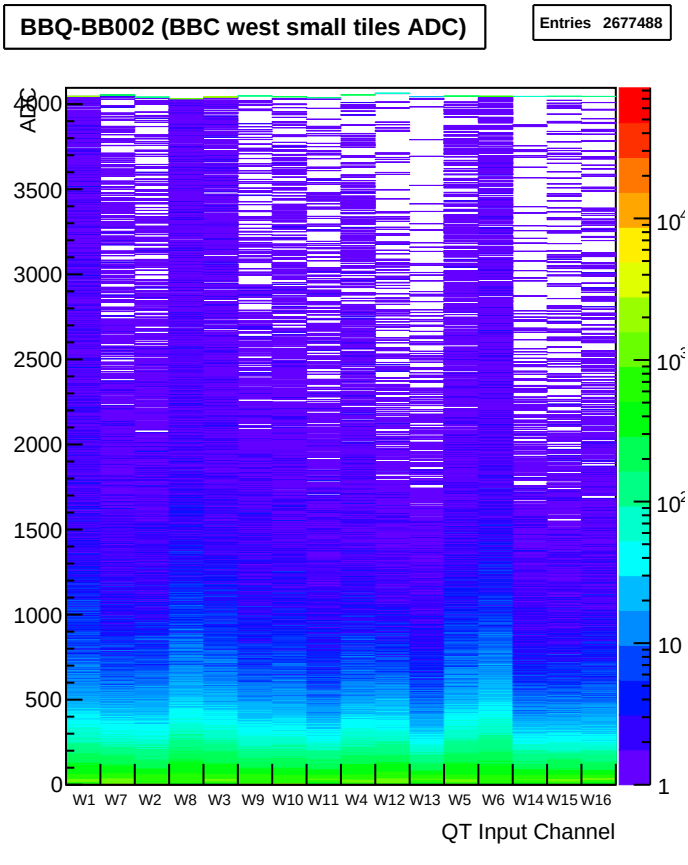

L2-TF201
Entries 0
TOF total mult(Real-Simu)

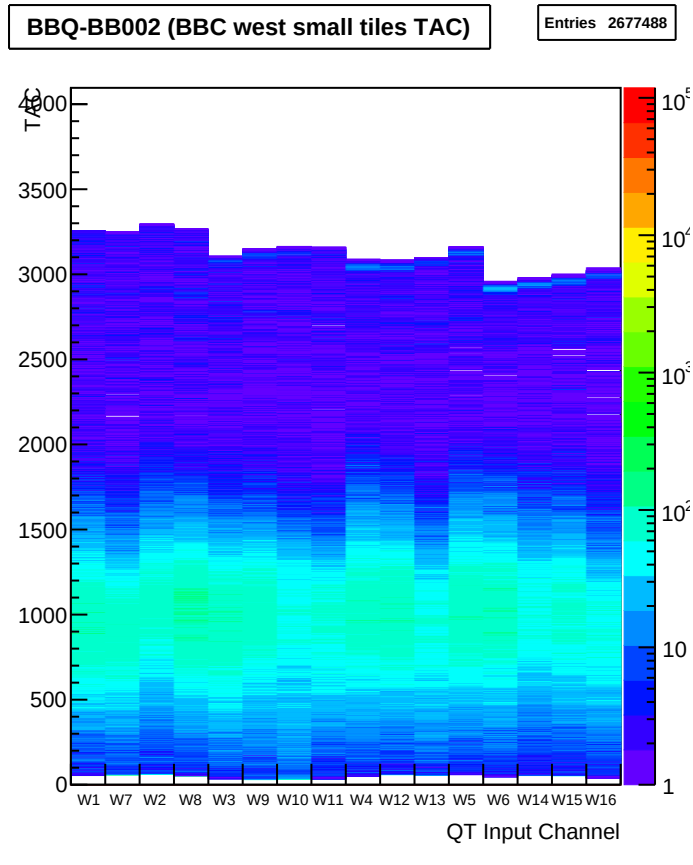

L2-TF201
Entries 1171401
Threshold/UPC bits
154091
155135
154021
155368
154205
153655
163099
13252
12208
13322
11975
13138
13688
4244
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

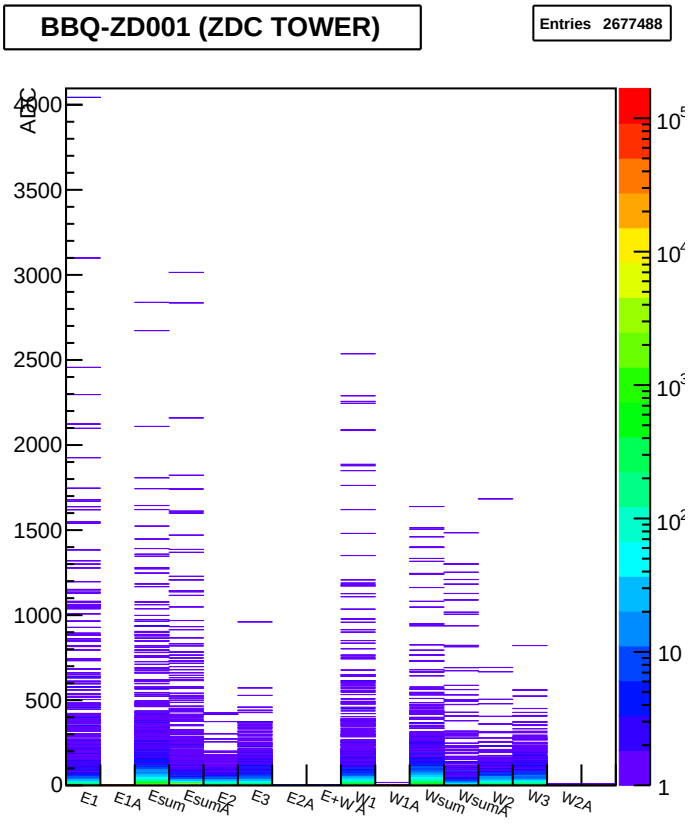

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

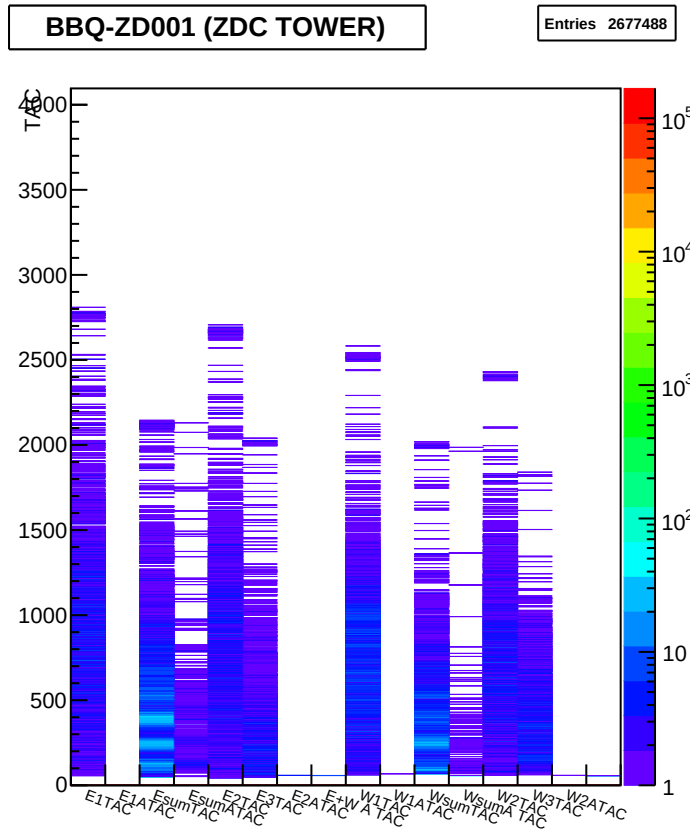

BBQ-BB001 (BBC east small tiles ADC)
Entries 2677488
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

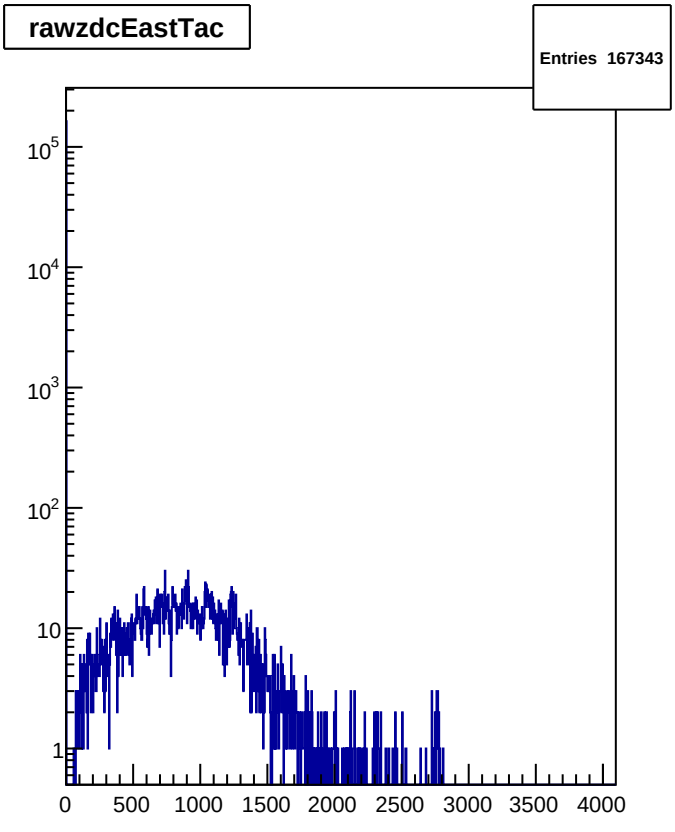

BBQ-BB001 (BBC east small tiles TAC)
Entries 2677488
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

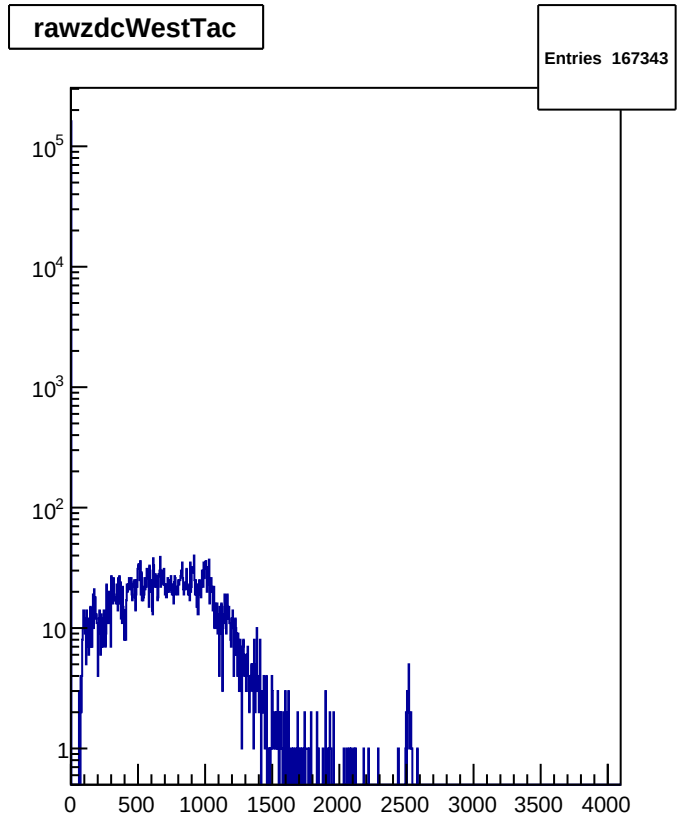

BBQ-BB002 (BBC west small tiles ADC)
Entries 2677488
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

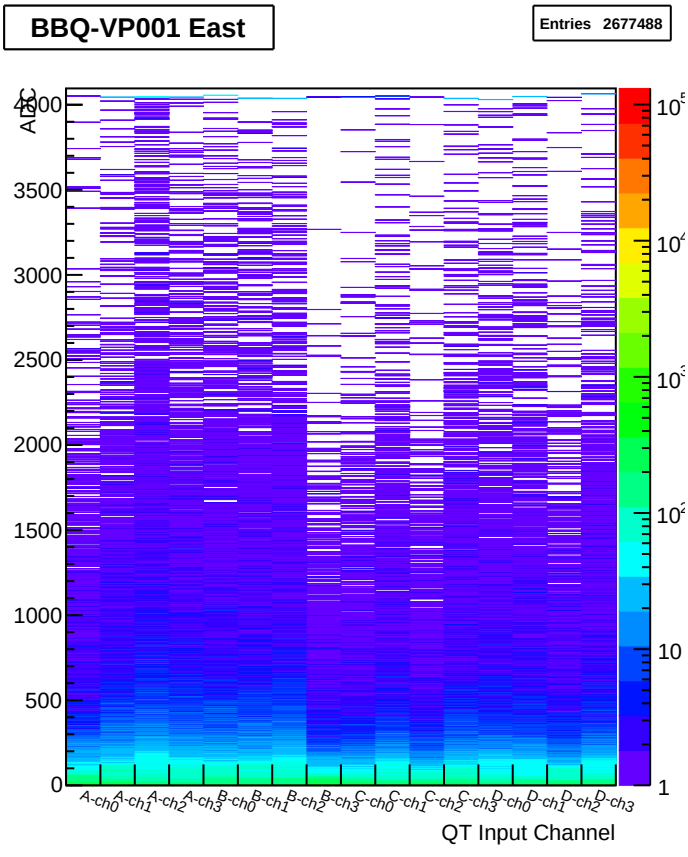

BBQ-BB002 (BBC west small tiles TAC)
Entries 2677488
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

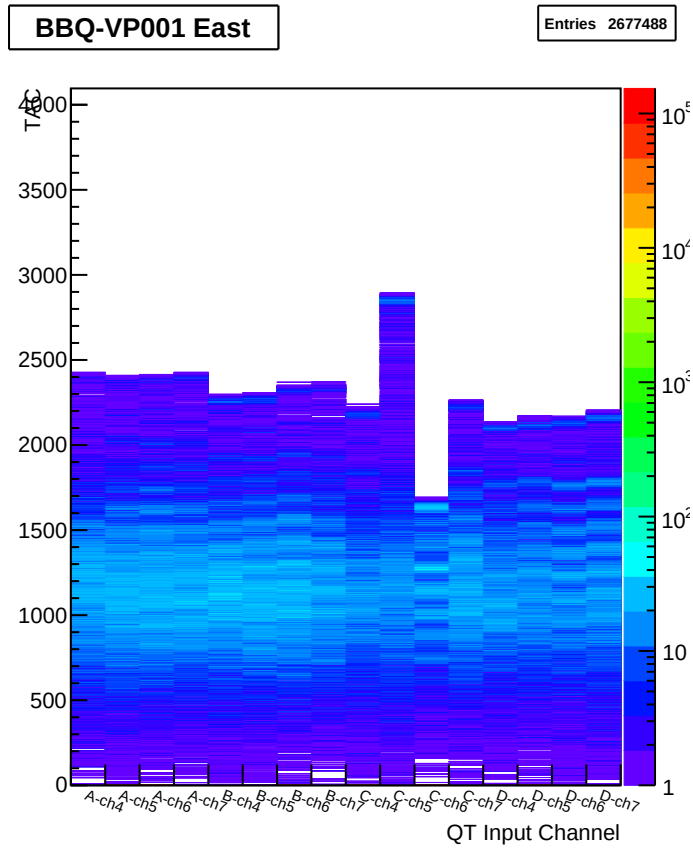

BBQ-ZD001 (ZDC TOWER)
Entries 2677488
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

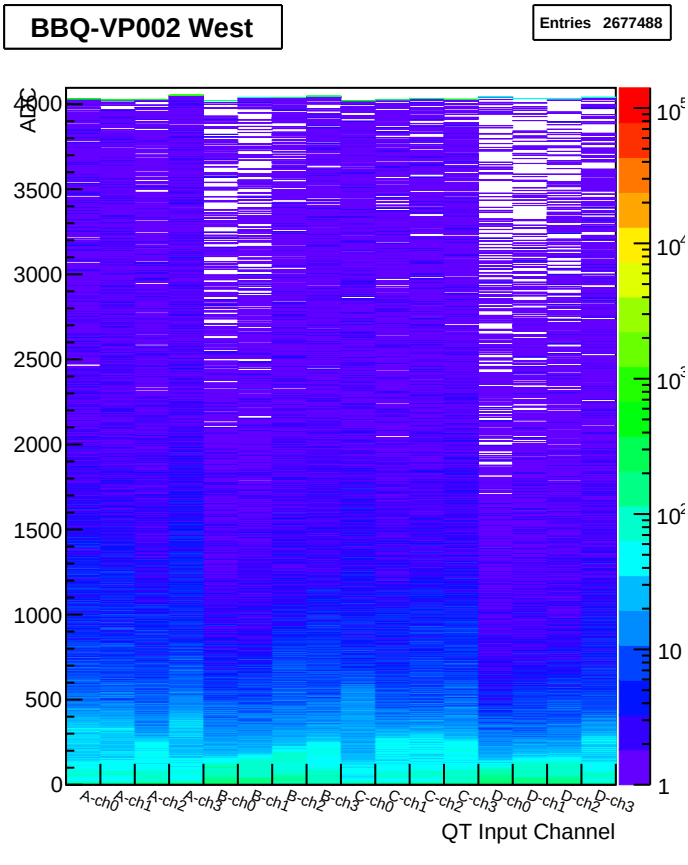

BBQ-ZD001 (ZDC TOWER)
Entries 2677488
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumATAC
W2TAC
W3TAC
W2ATAC

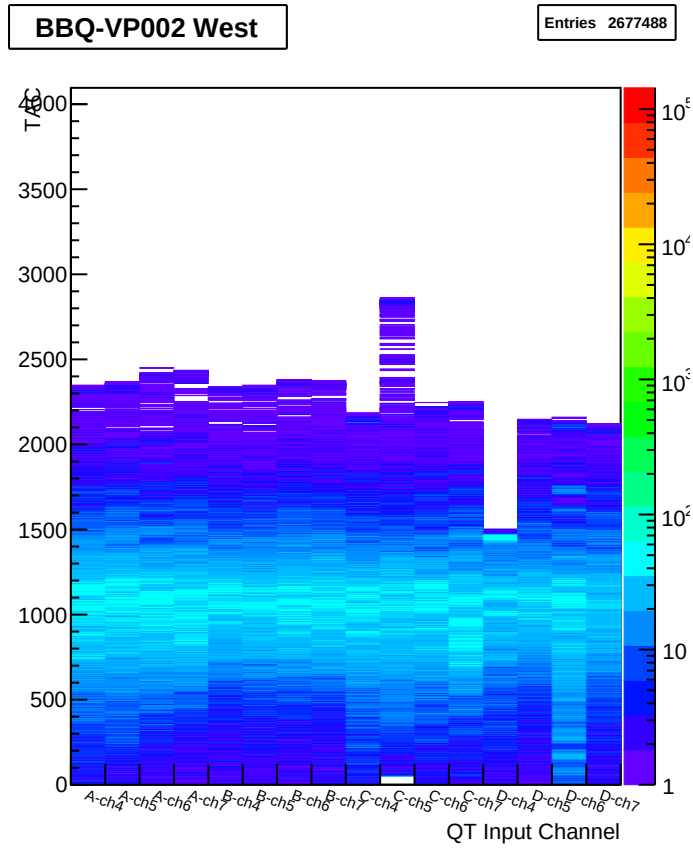

rawzdcEastTac
Entries 167343

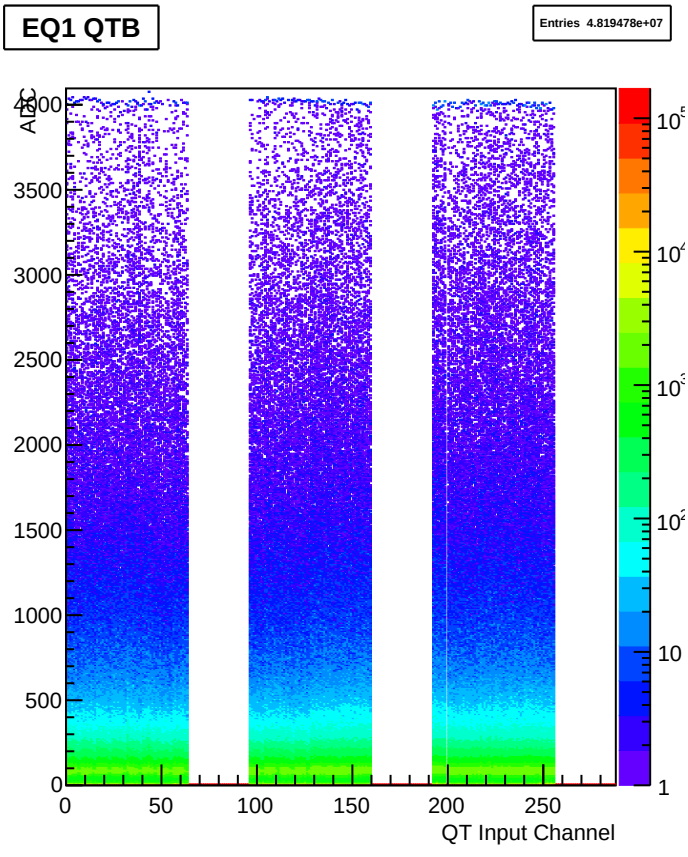

rawzdcWestTac
Entries 167343

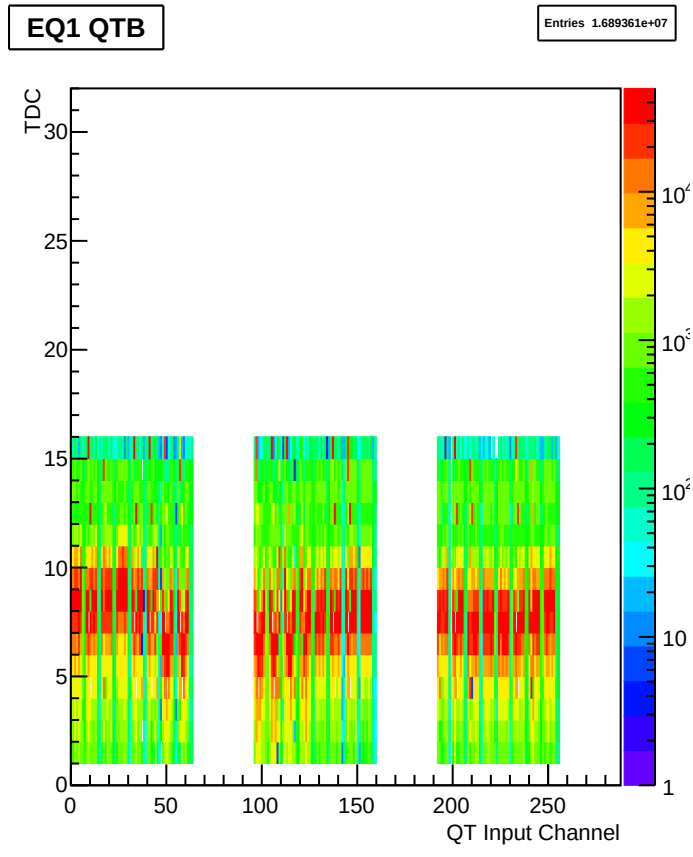

BBQ-VP001 East
Entries 2677488
ADC
QT Input Channel

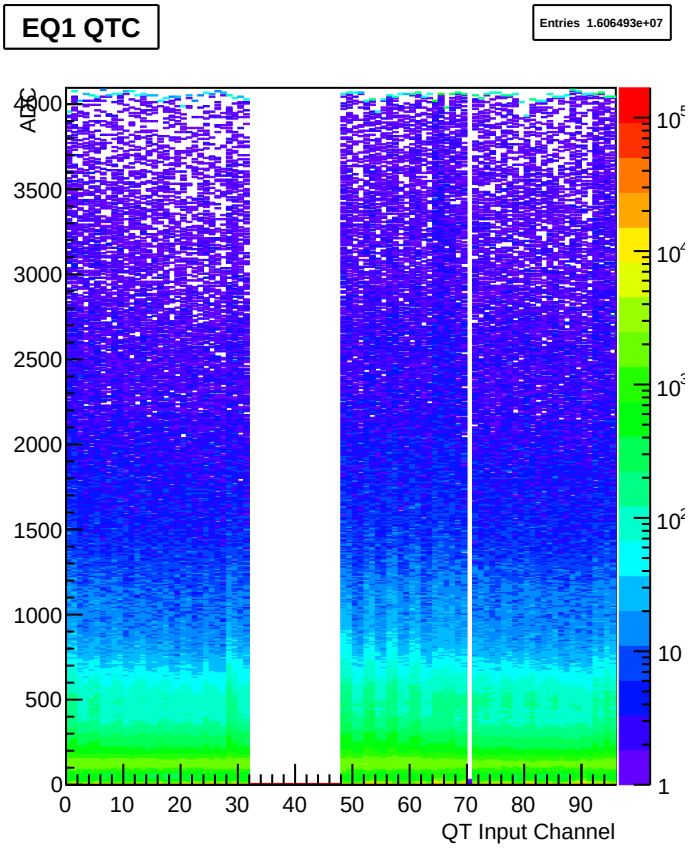

BBQ-VP001 East
Entries 2677488
TAC
QT Input Channel

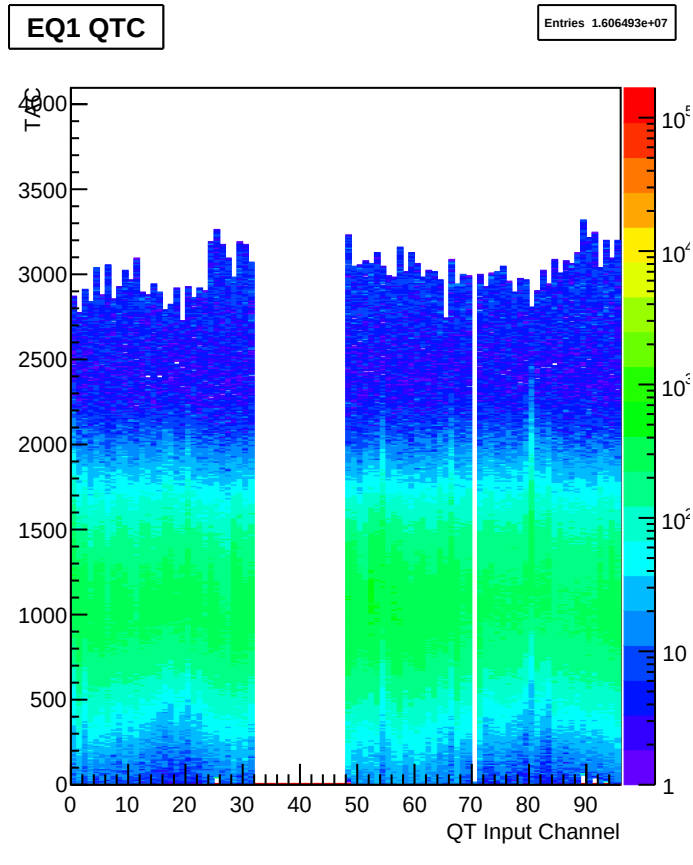

BBQ-VP002 West
Entries 2677488
ADC
QT Input Channel

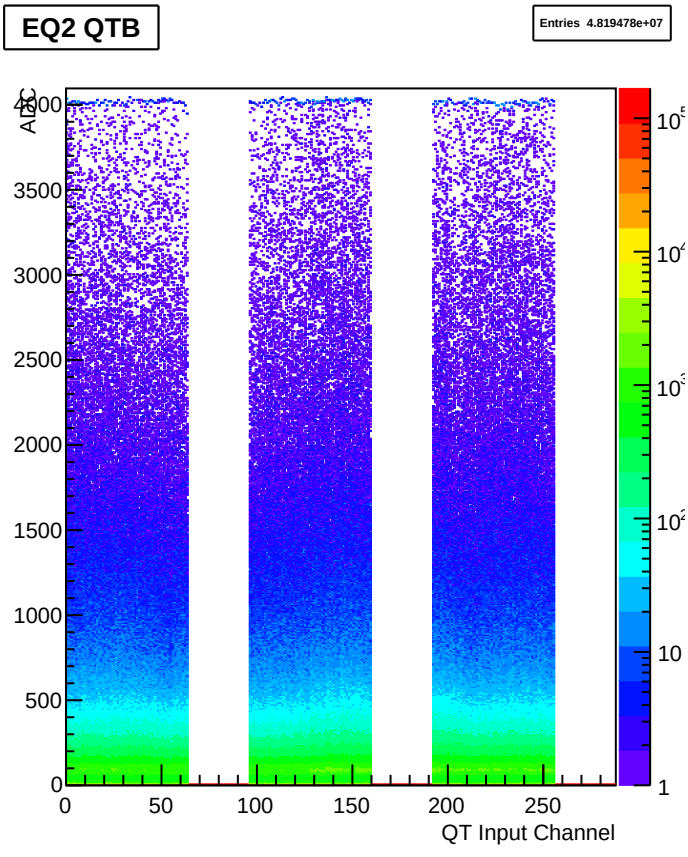

BBQ-VP002 West
Entries 2677488
TAC
QT Input Channel

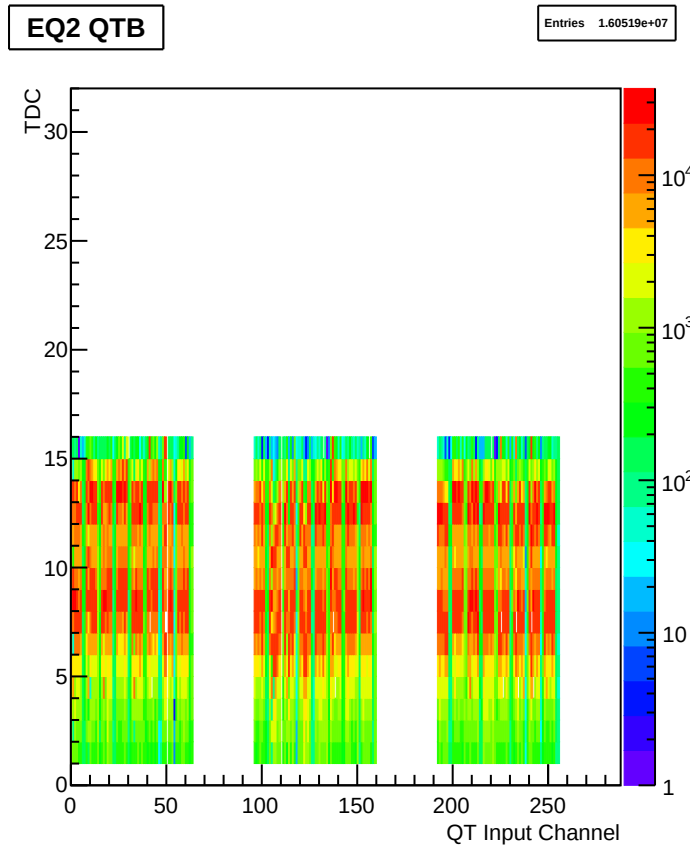

EQ1 QTB
Entries 4.819478e+07
ADC
QT Input Channel

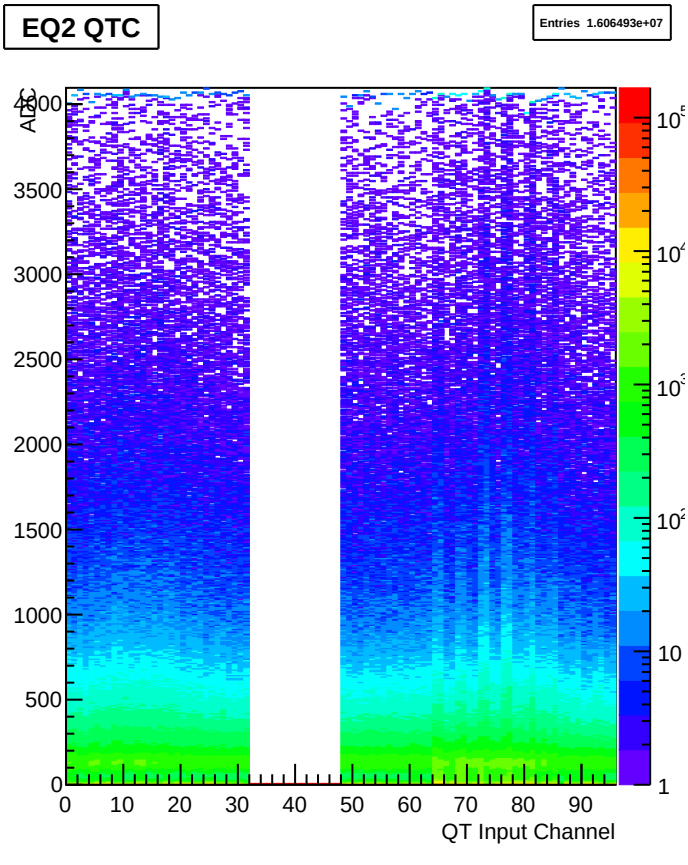

EQ1 QTB
Entries 1.689361e+07
TDC
QT Input Channel

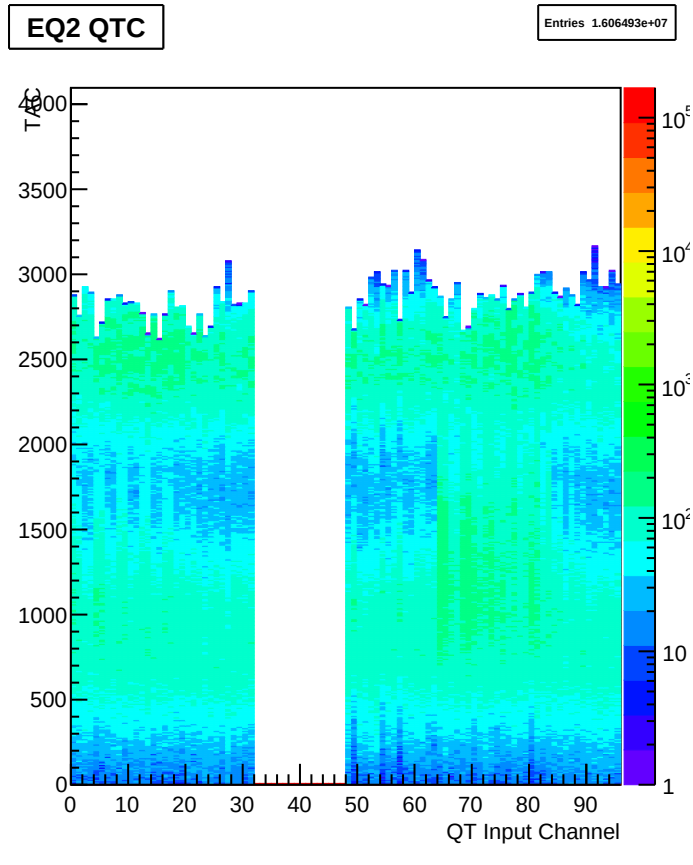

EQ1 QTC
Entries 1.606493e+07
ADC
QT Input Channel

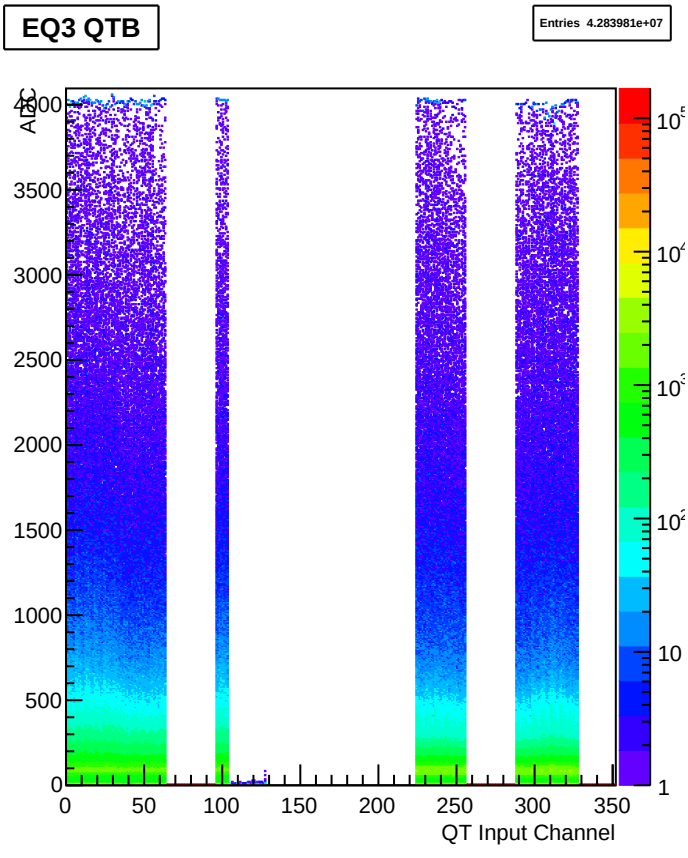

EQ1 QTC
Entries 1.606493e+07
TADC
QT Input Channel

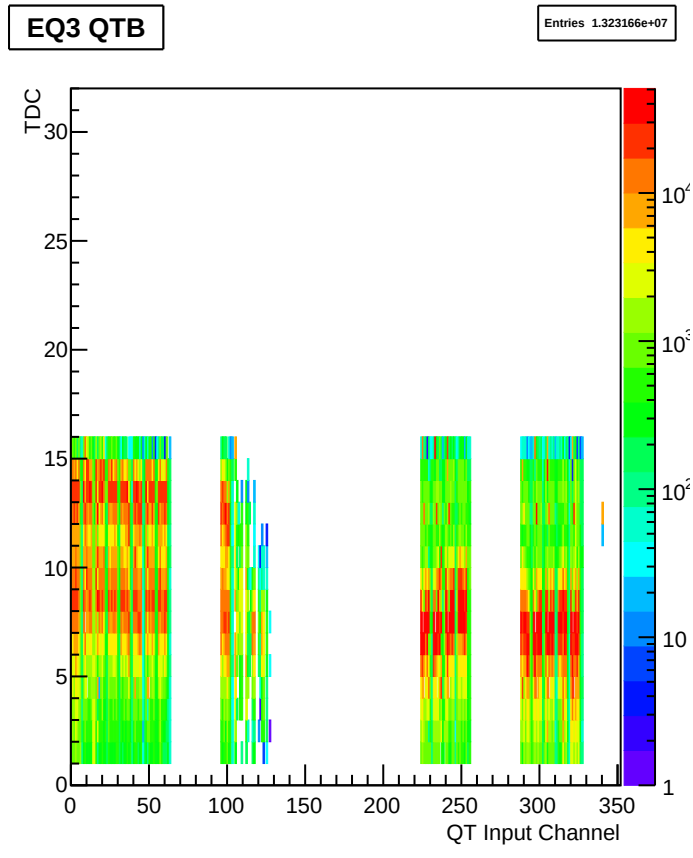

EQ2 QTB
Entries 4.819478e+07
ADC
QT Input Channel

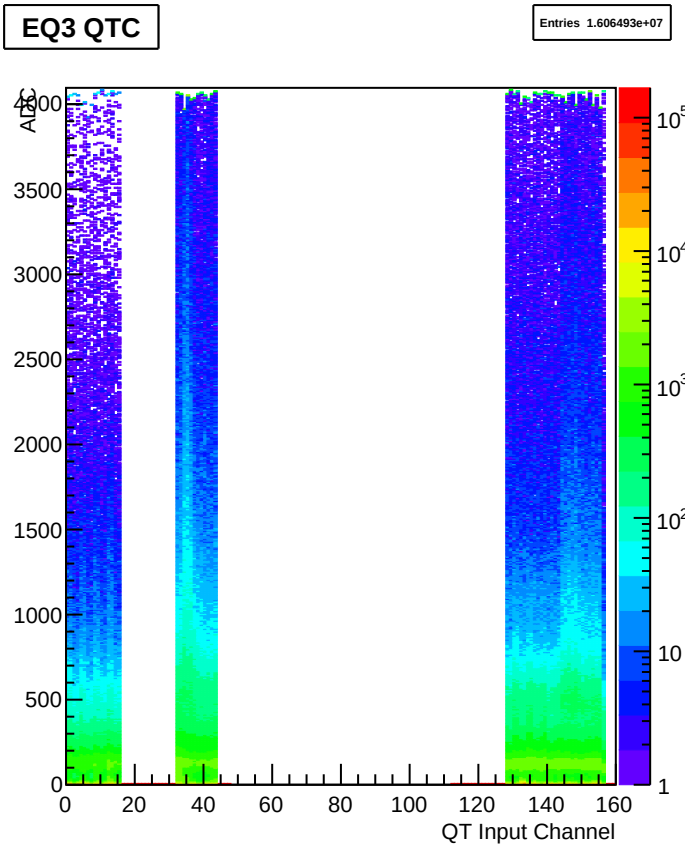

EQ2 QTB
Entries 1.60519e+07
TDC
QT Input Channel

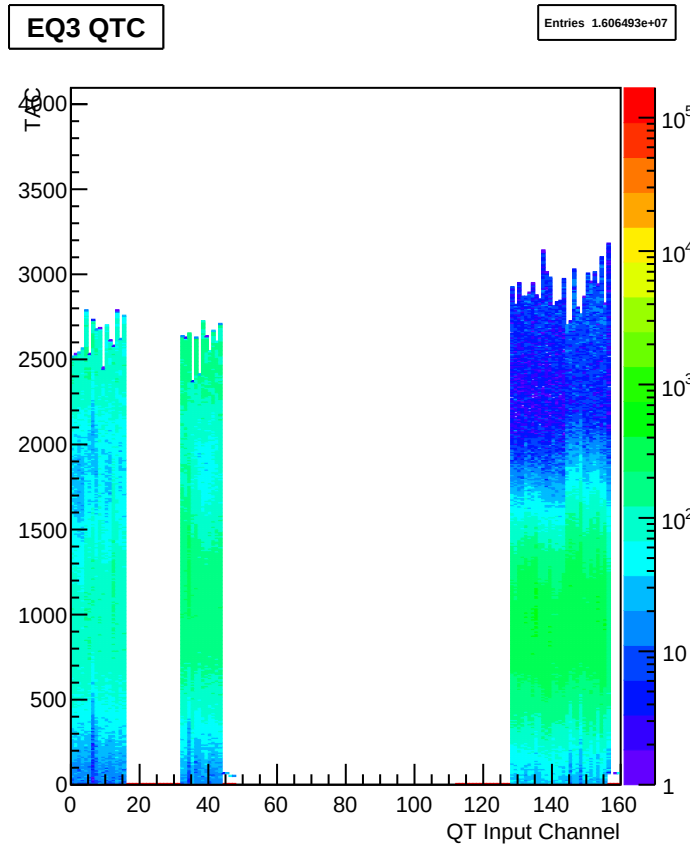

EQ2 QTC
Entries 1.606493e+07
ADC
QT Input Channel

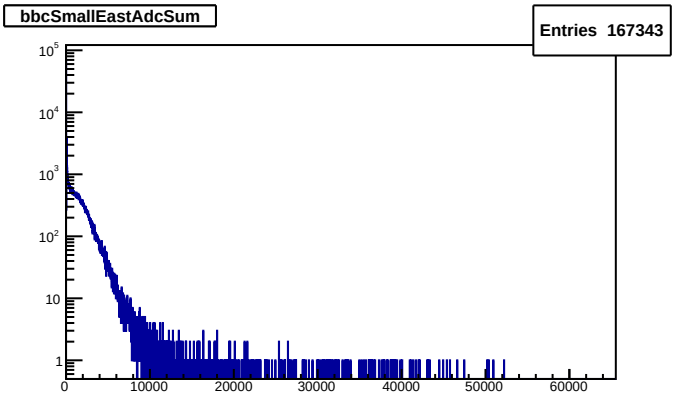

EQ2 QTC
Entries 1.606493e+07
TADC
QT Input Channel

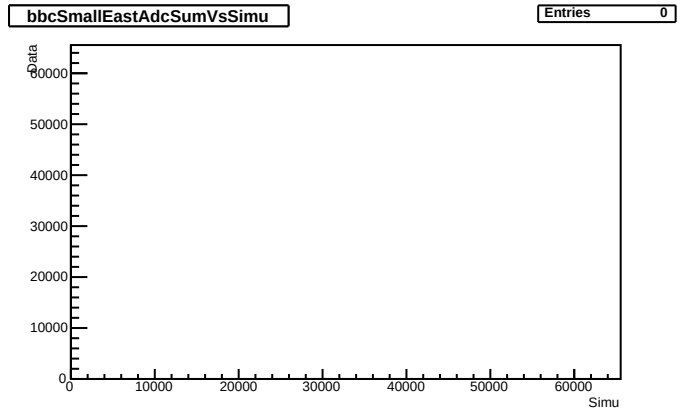

EQ3 QTB
Entries 4.283981e+07
ADC
QT Input Channel

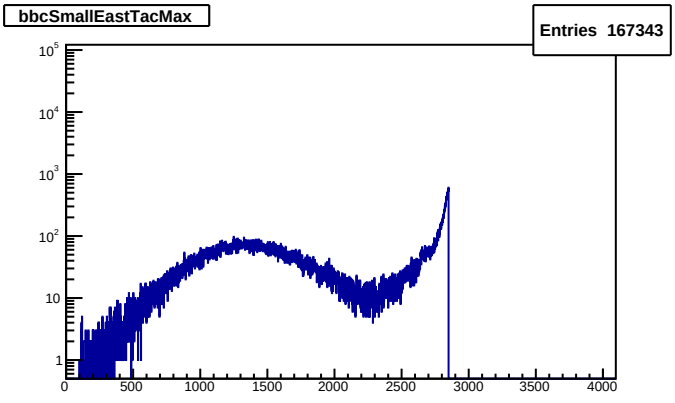

EQ3 QTB
Entries 1.323166e+07
TDC
QT Input Channel


EQ3 QTC
Entries 1.606493e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.606493e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 167343


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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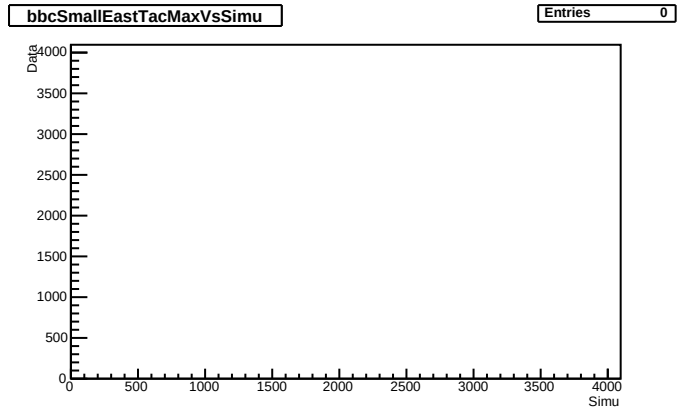
Entries 167343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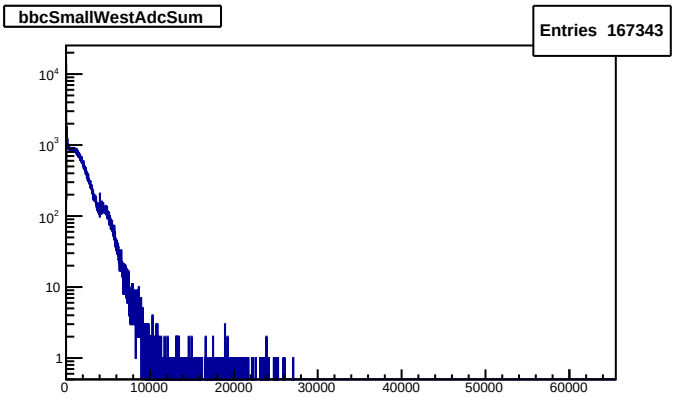
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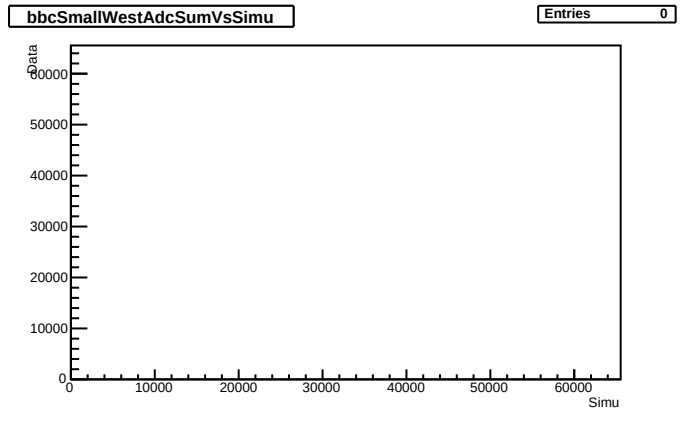
Entries 167343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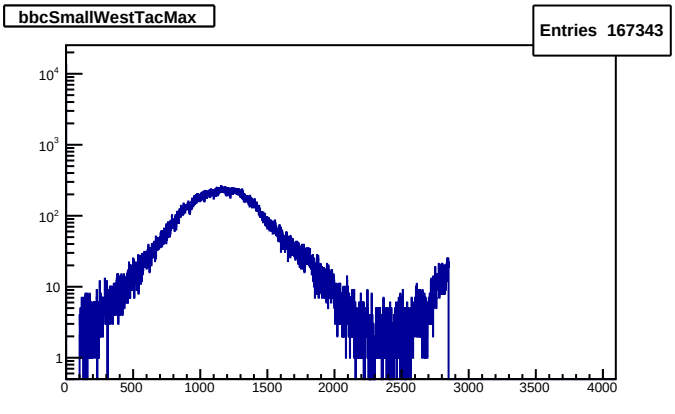
Simu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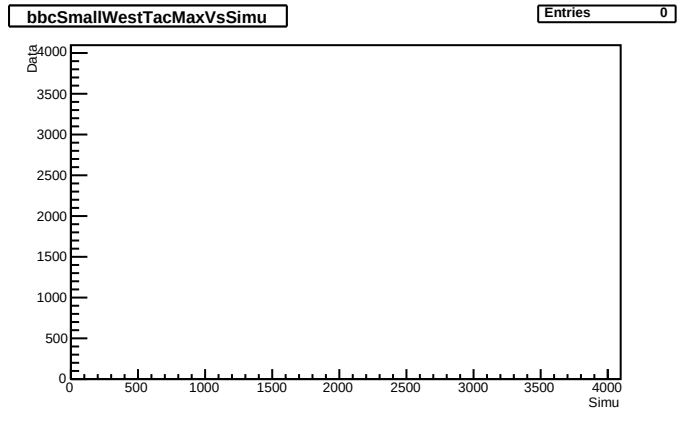
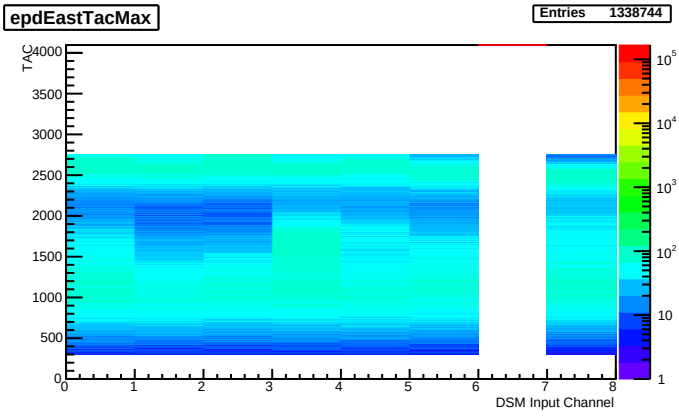
Entries 167343


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu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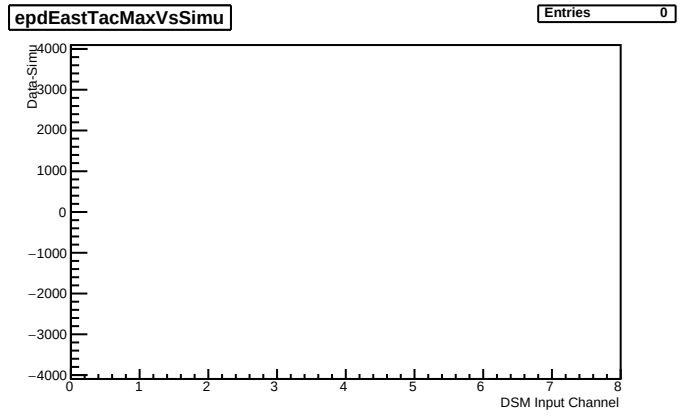
Entries 1338744
TAC
DSM Input Channel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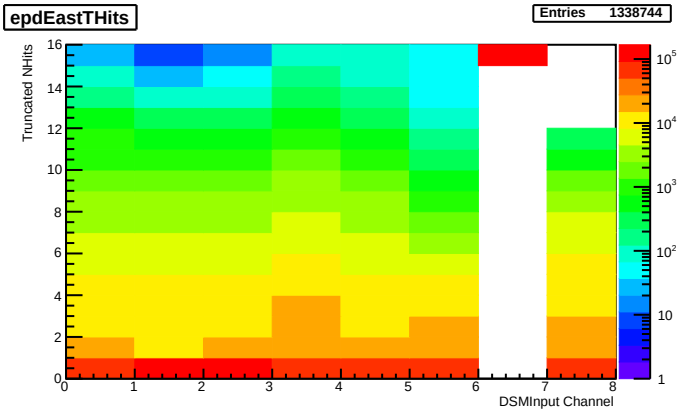
DSM Input Channel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Entries 1338744
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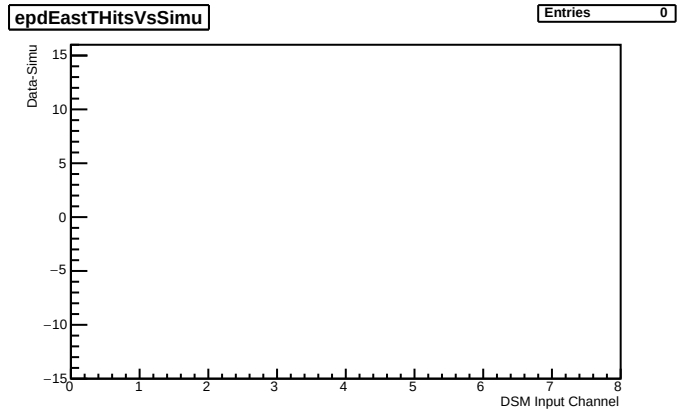
DSMInput Channel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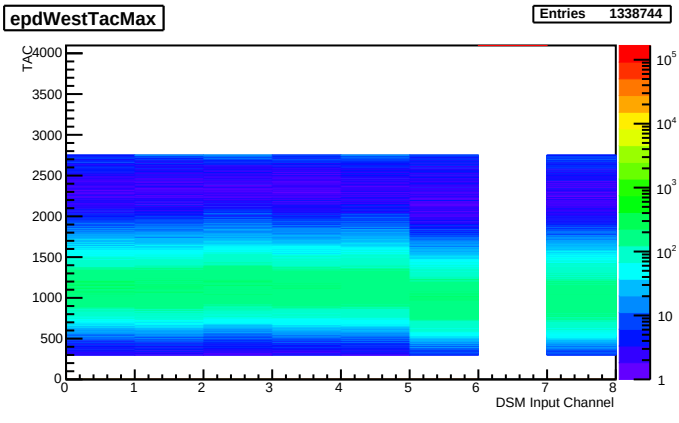
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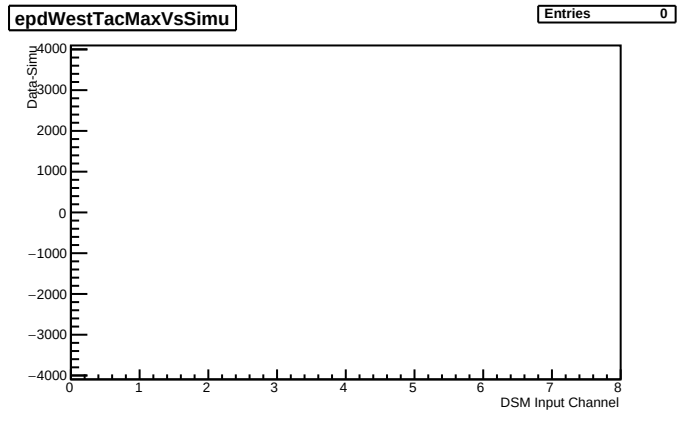
DSM Input Channel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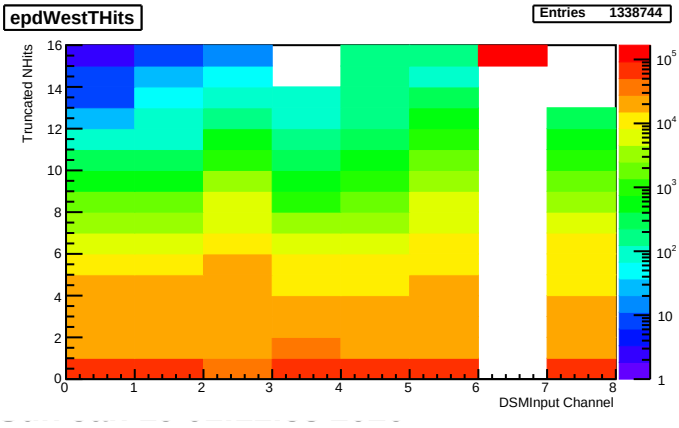
DSM Input Channel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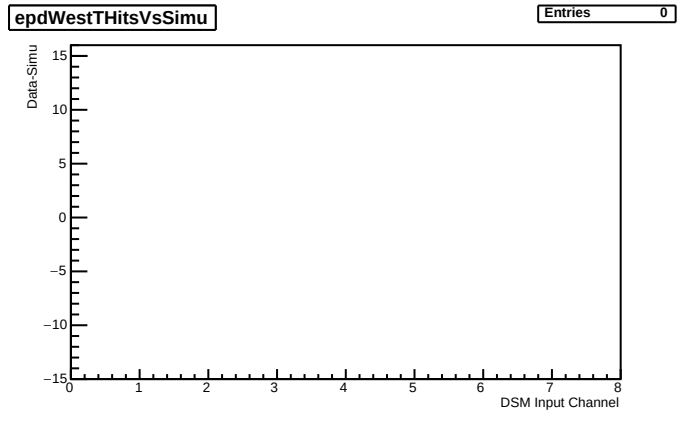
Entries 1338744
Truncated NHits
DSMInput Channel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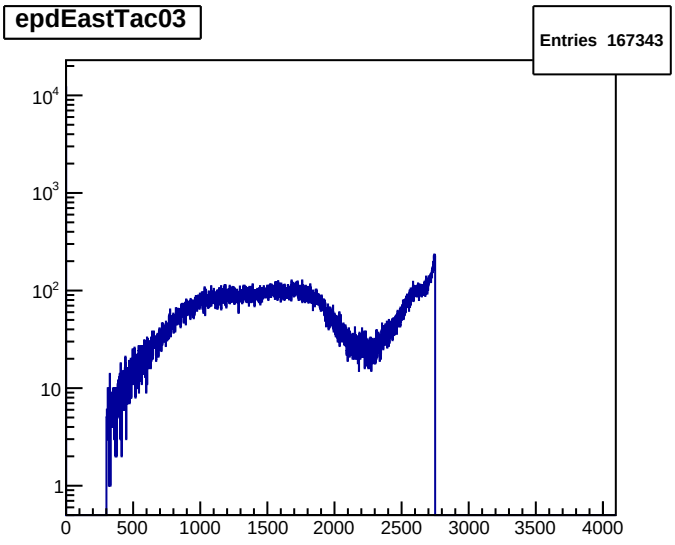
Data-Simu
DSM Input Channel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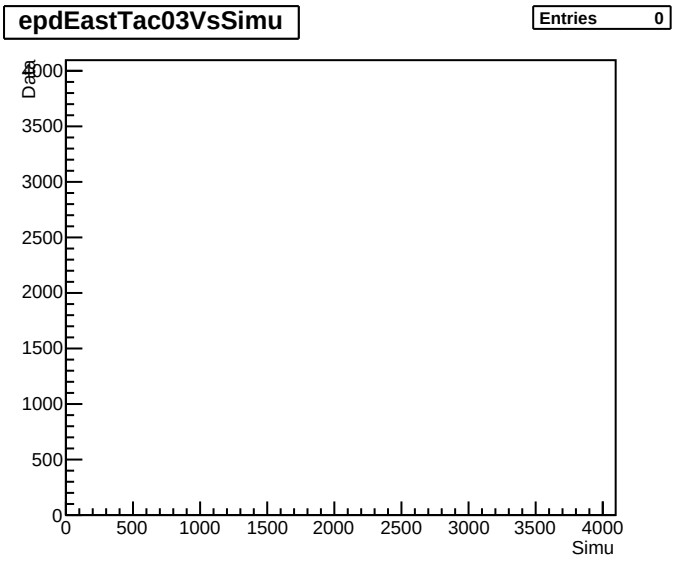
Entries 167343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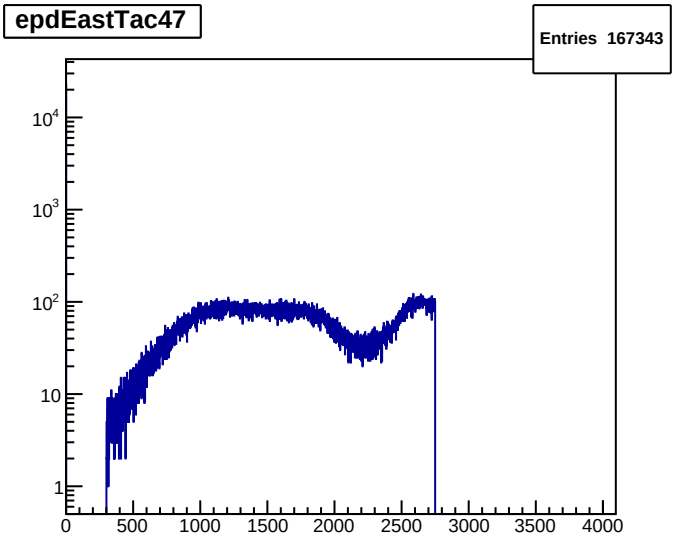
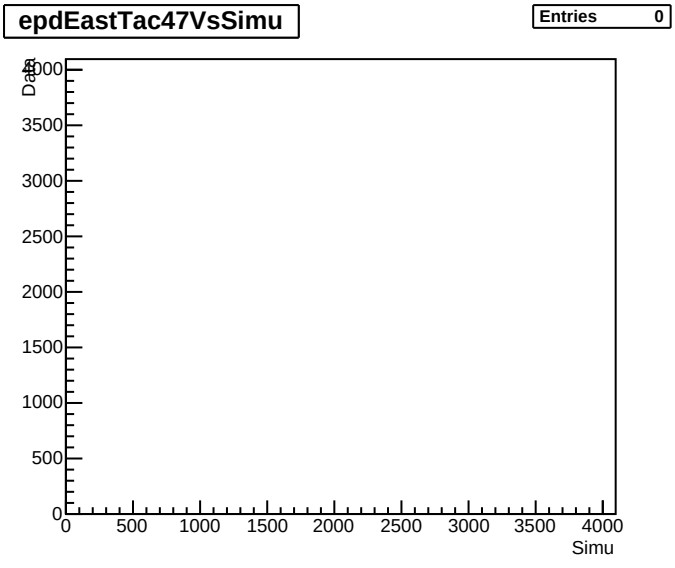
Entries 0
Data
Simu


epdEastTac47
Entries 167343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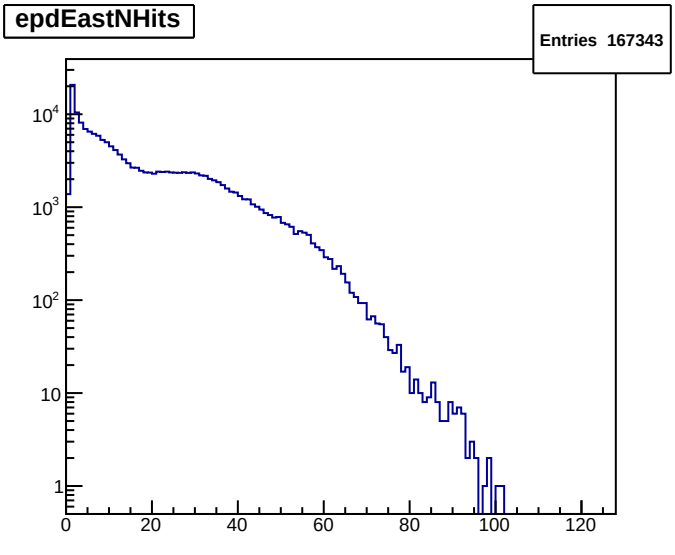
Entries 0
Data
Simu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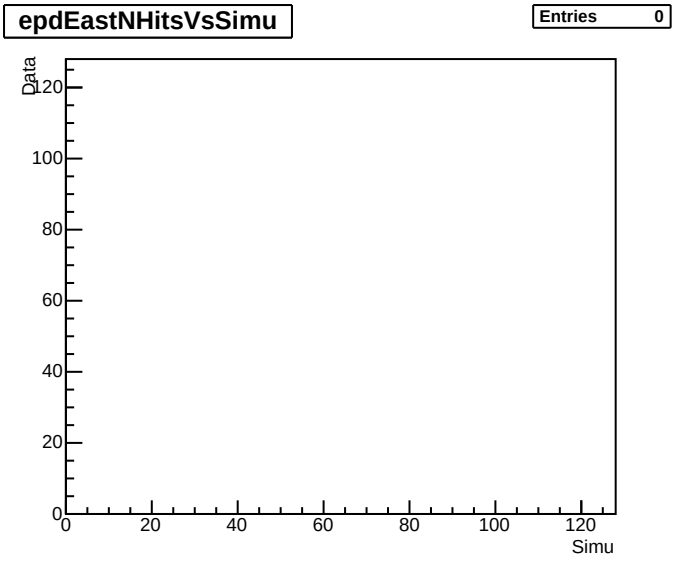
Entries 167343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Data
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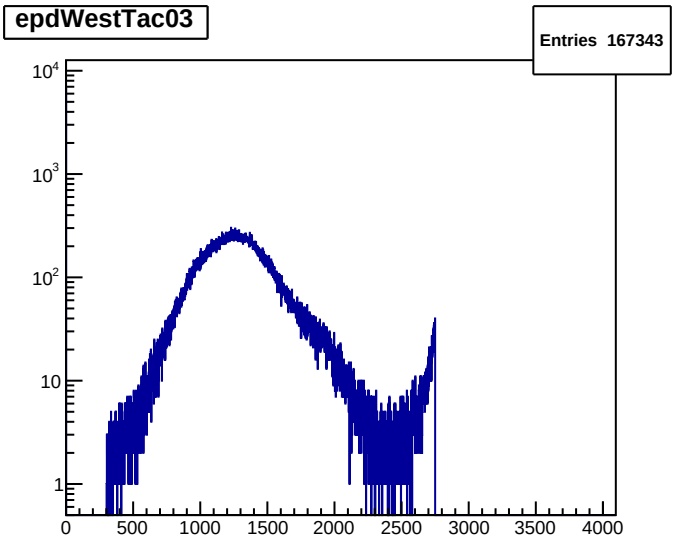
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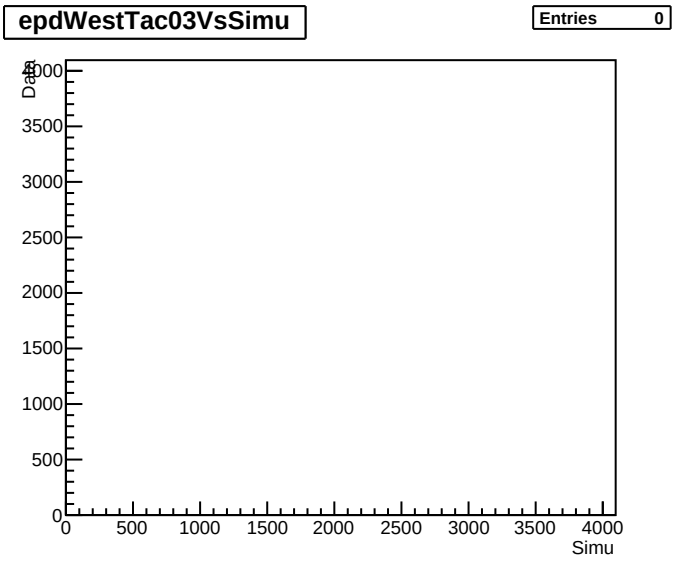
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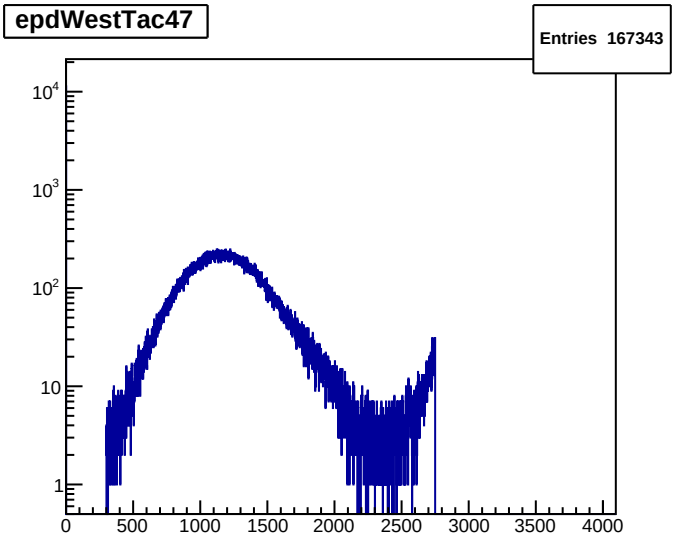
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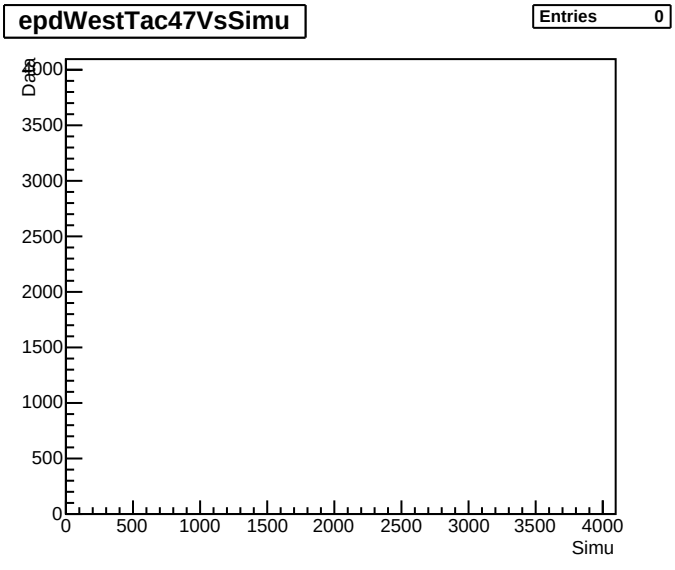
Entries 167343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Data
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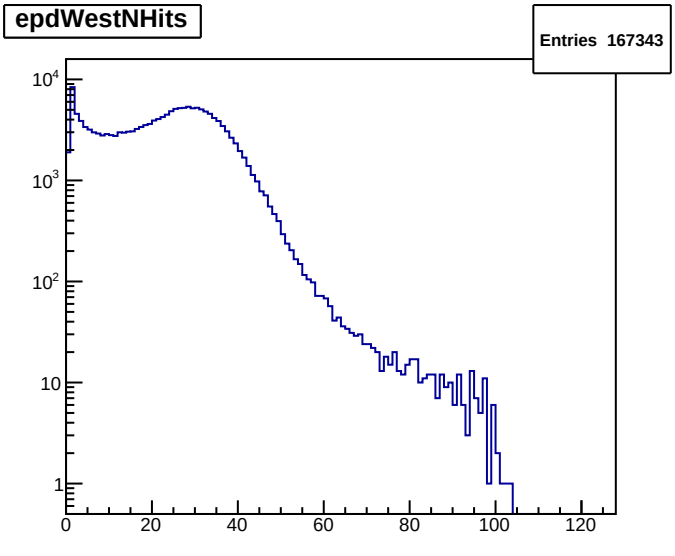
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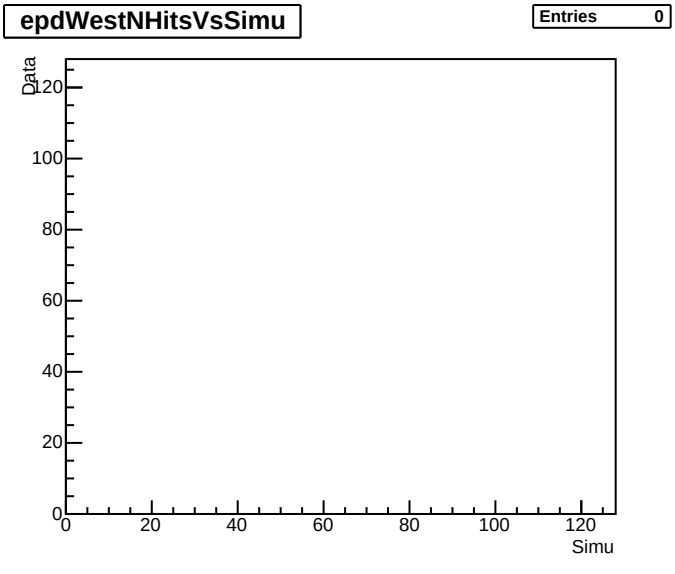
Entries 167343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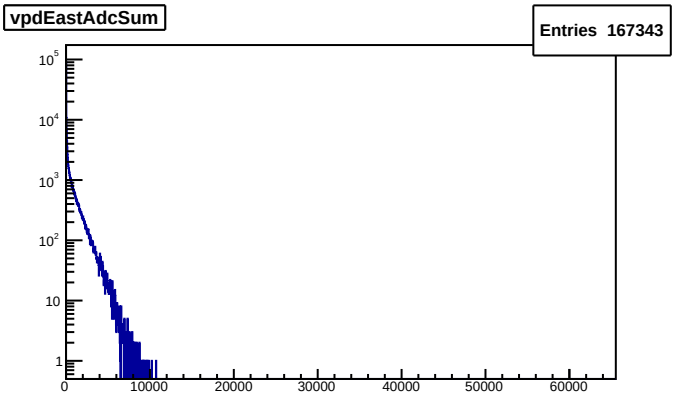
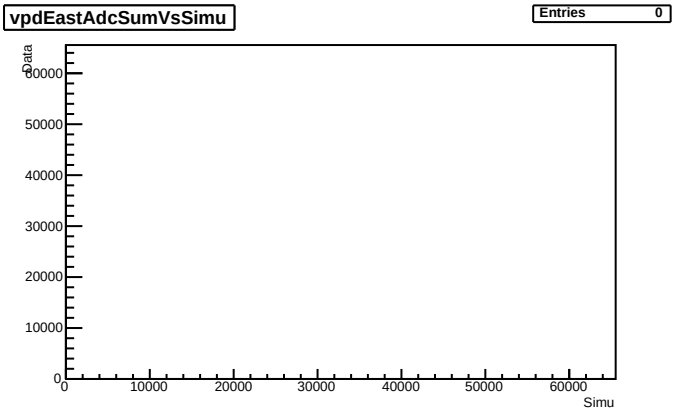
Entries 0
Data
Simu


vpdEastAdcSum
Entries 167343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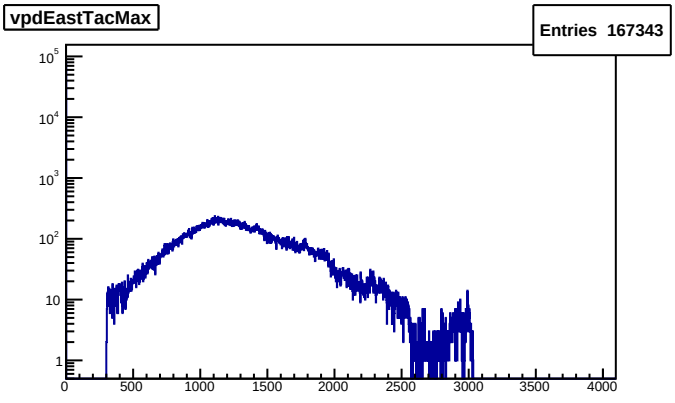
Entries 0
Data
Simu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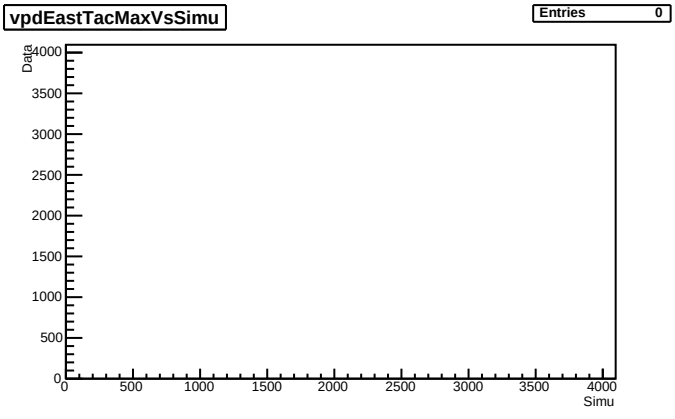
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Entries 0
Data
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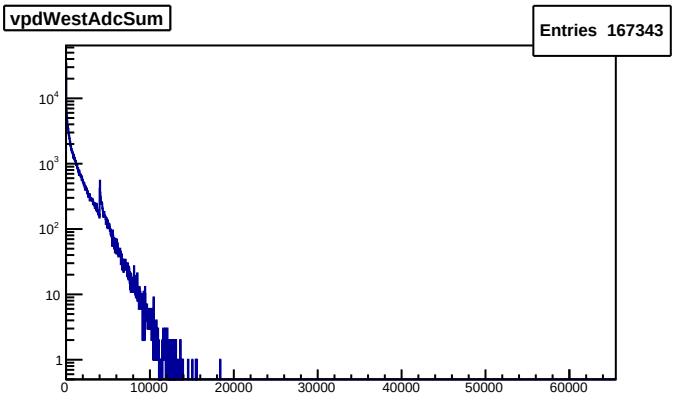
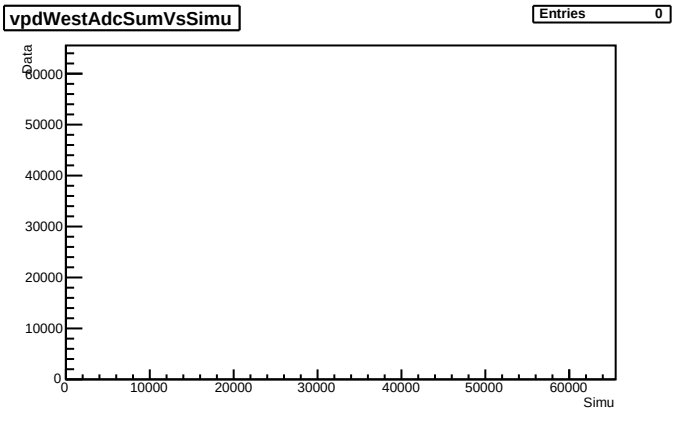

vpdWestAdcSum
Entries 167343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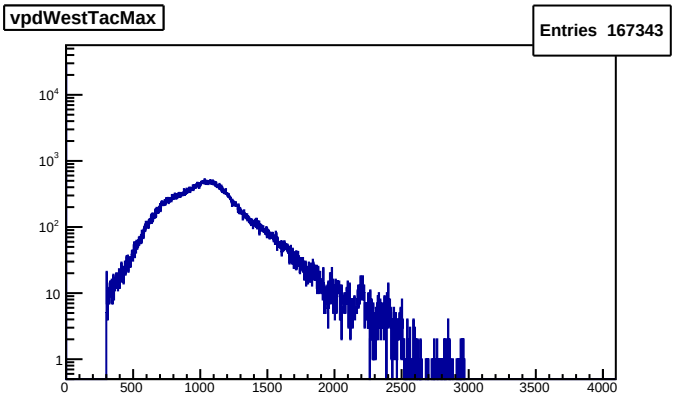
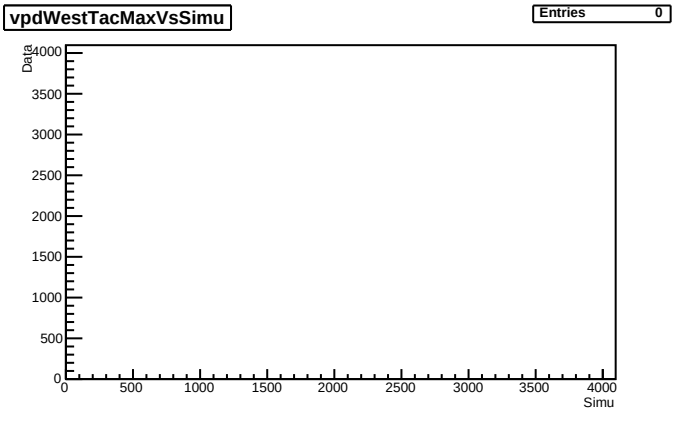
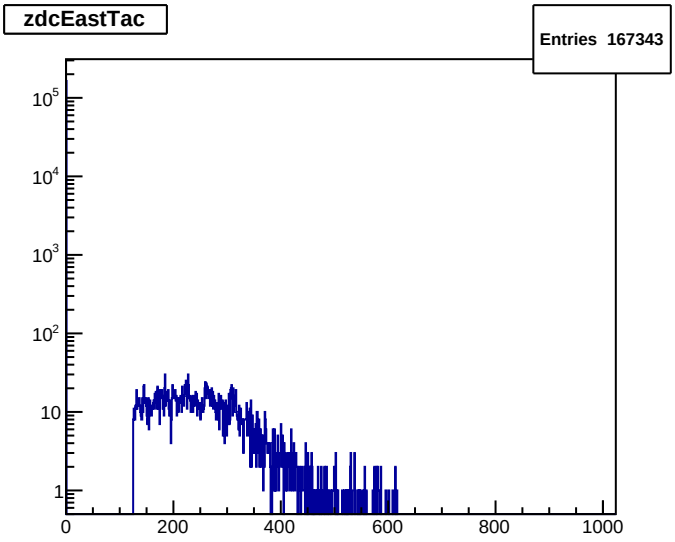
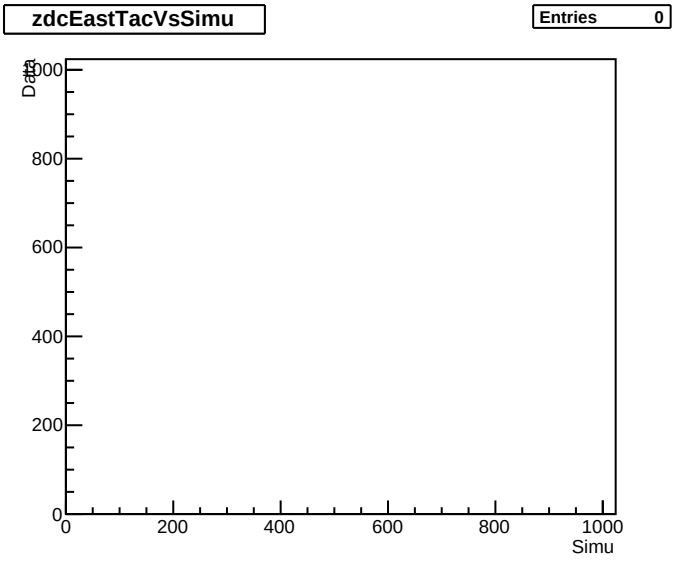
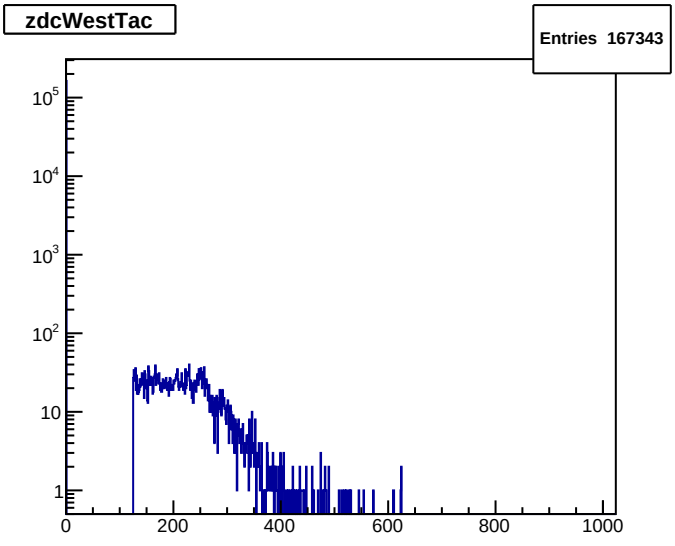
Entries 0
Data
Simu

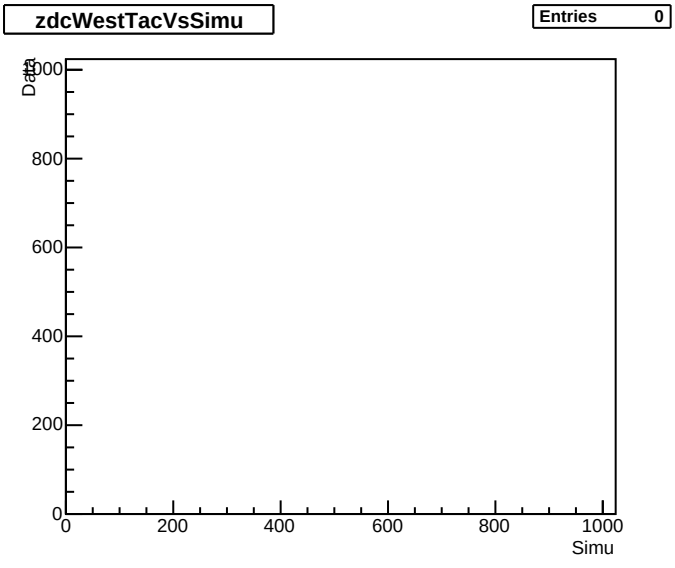

vpdWestTacMax
Entries 167343

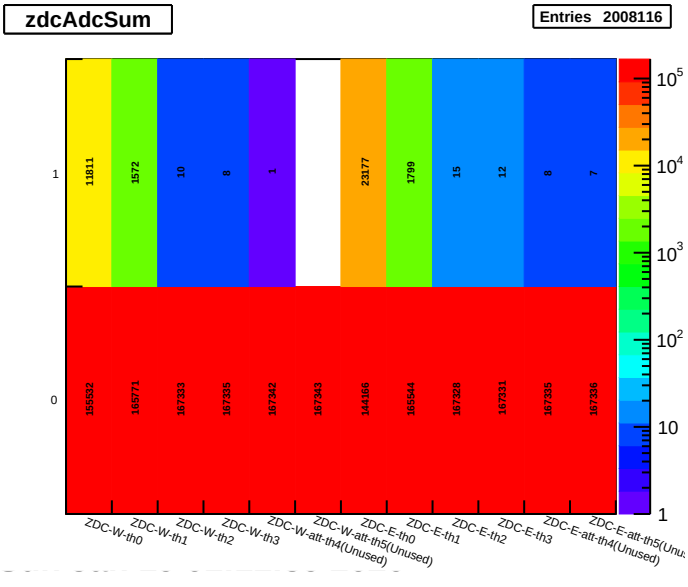

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

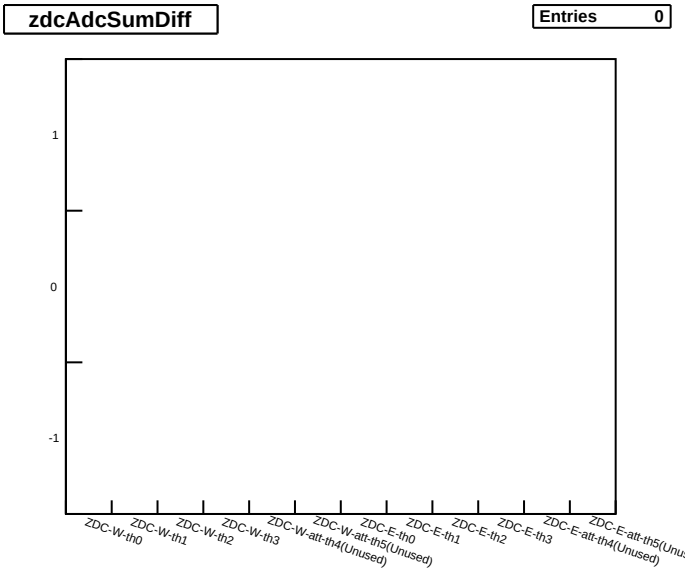

zdcEastTac
Entries 167343
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


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


zdcWestTac
Entries 167343
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 2008116
1
0
11811
1572
10
8
1
23177
1799
15
12
8
7
155532
165771
167333
167335
167342
167343
144166
165544
167328
167331
167335
167336
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
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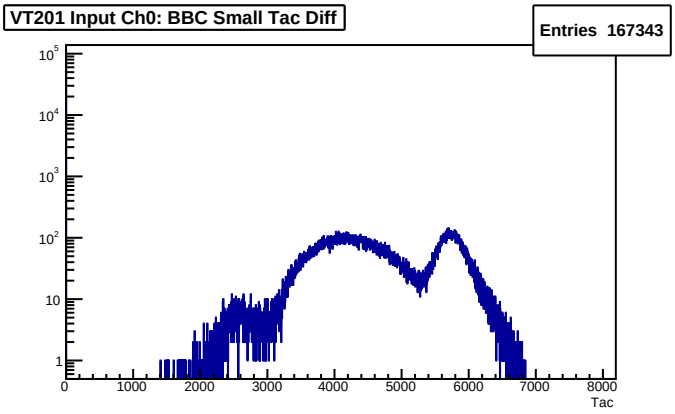
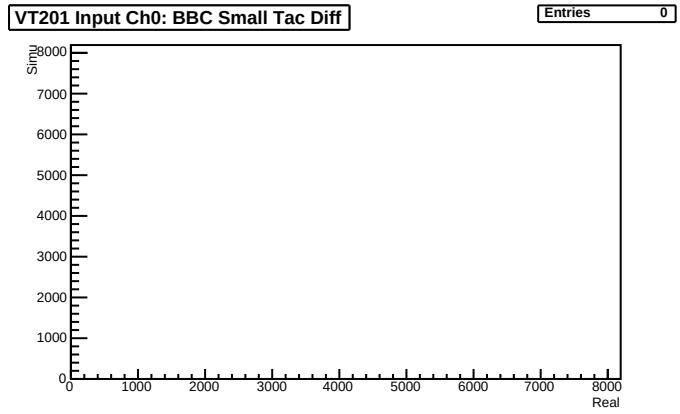
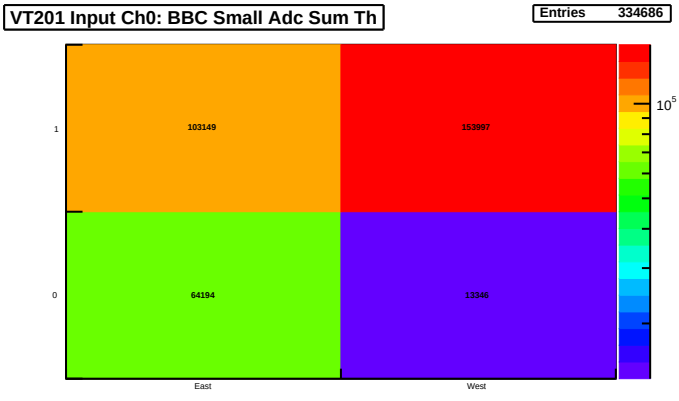
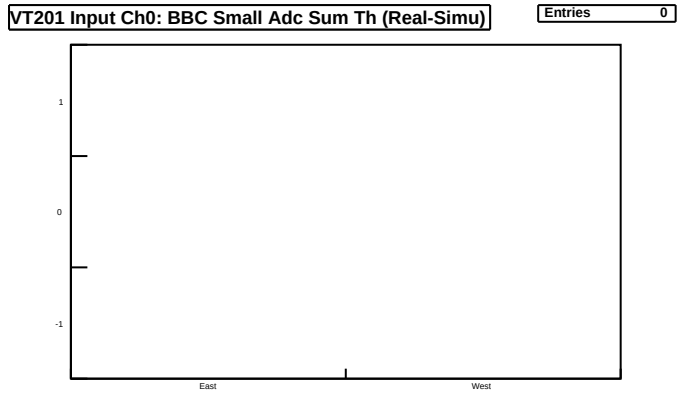
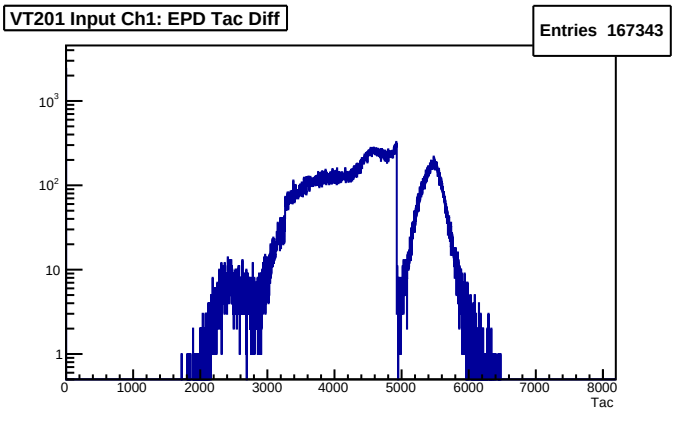
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

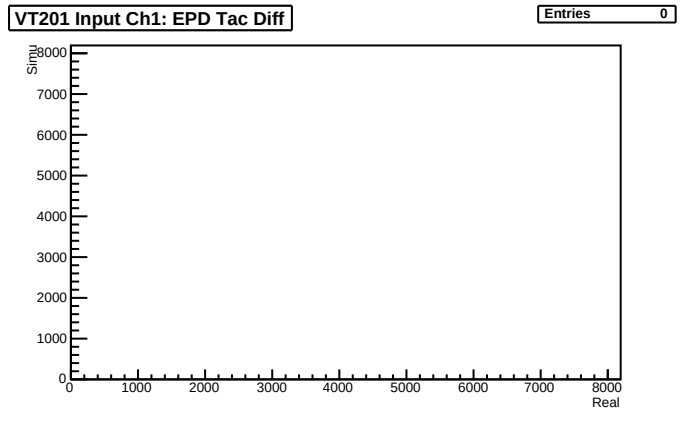

VT201 Input Ch0: BBC Small Tac Diff
Entries 167343
Tac

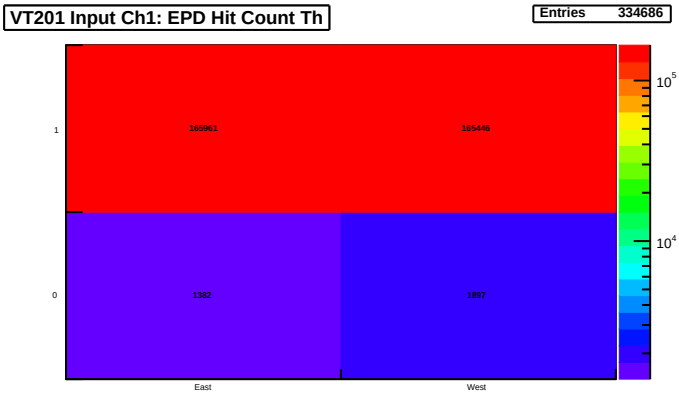

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

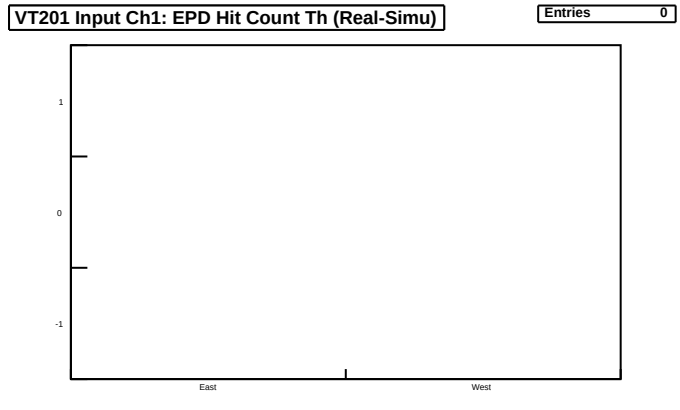

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 334686
103149
153997
64194
13346
East
West

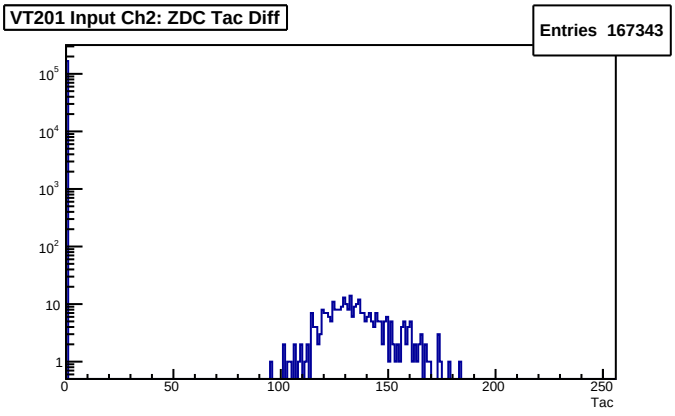

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

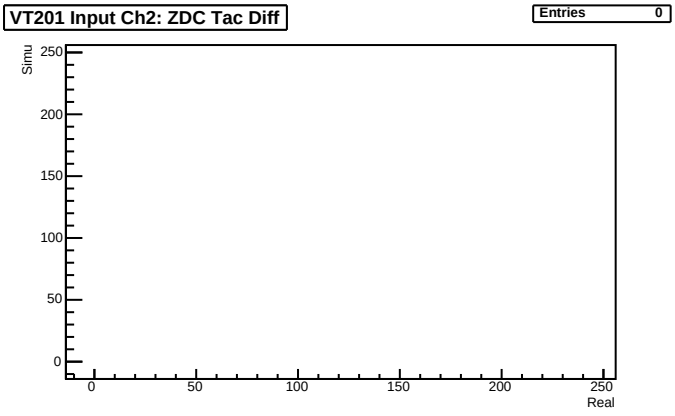

VT201 Input Ch1: EPD Tac Diff
Entries 167343
Tac

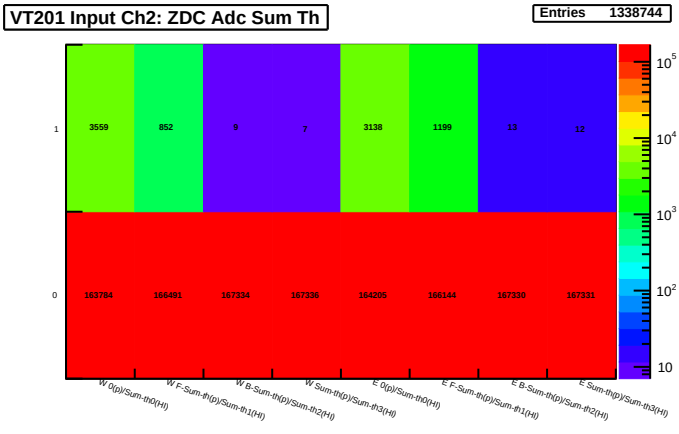

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

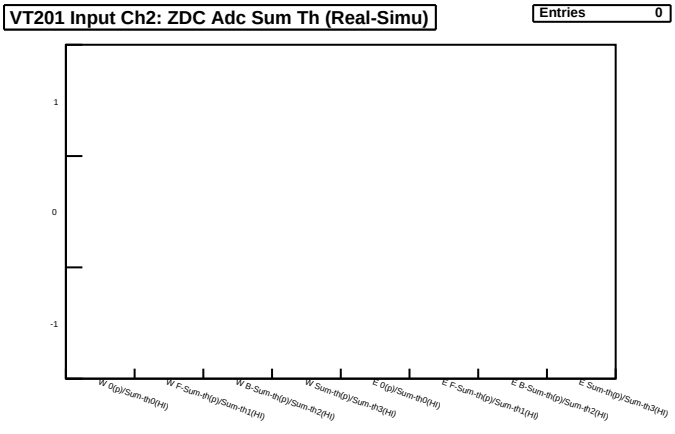

VT201 Input Ch1: EPD Hit Count Th
Entries 334686
165961
165446
1382
1897
East
West

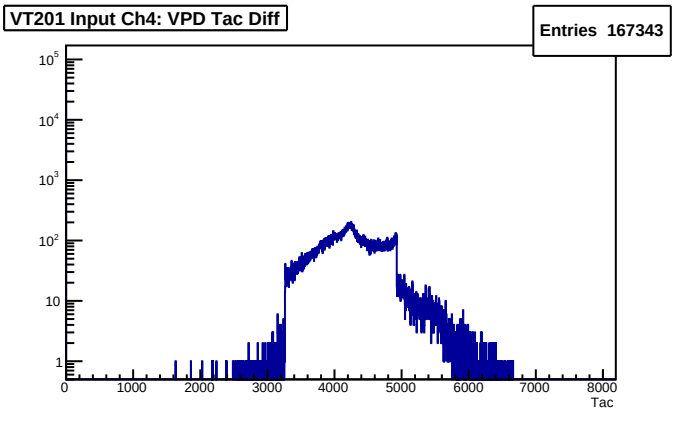

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

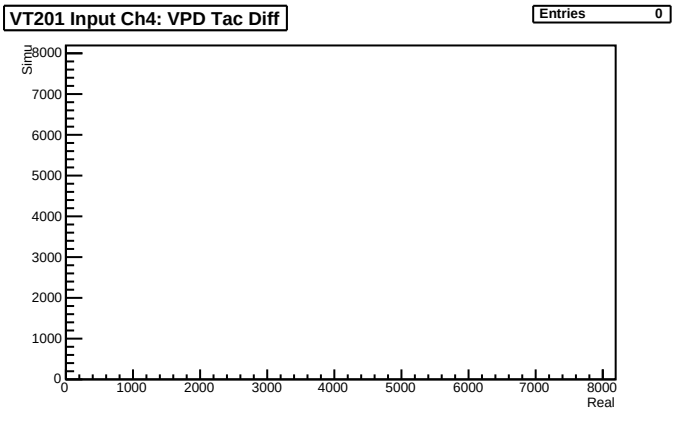

VT201 Input Ch2: ZDC Tac Diff
Entries 167343
Tac

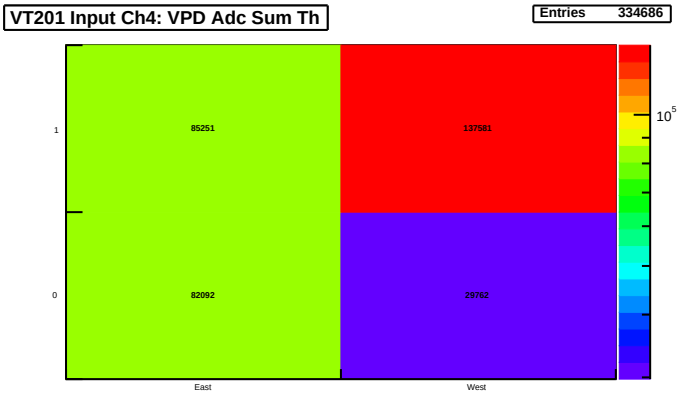

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

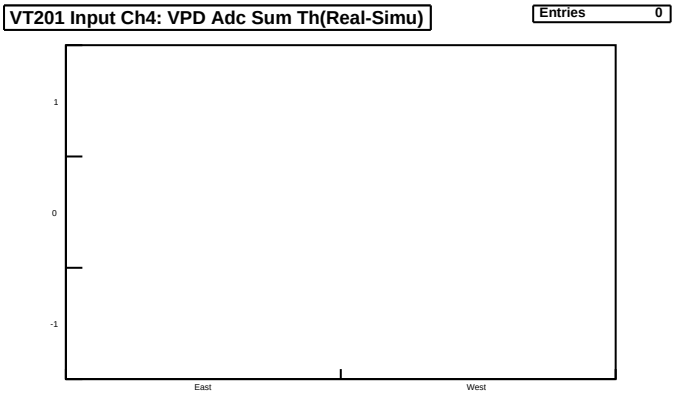

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1338744
3559
852
9
7
3138
1199
13
12
163784
166491
167334
167336
164205
166144
167330
167331
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

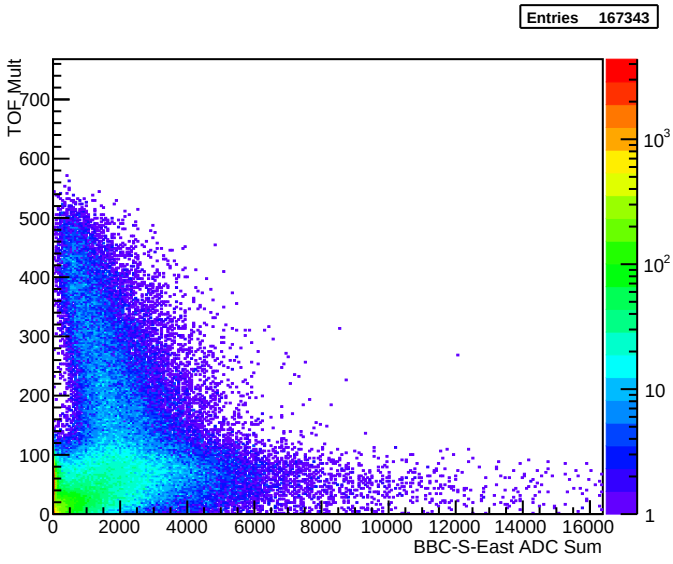

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

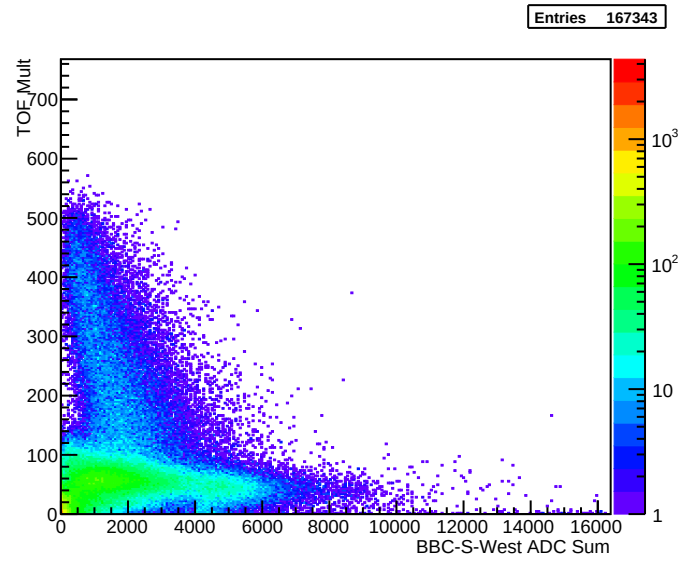

VT201 Input Ch4: VPD Tac Diff
Entries 167343
Tac

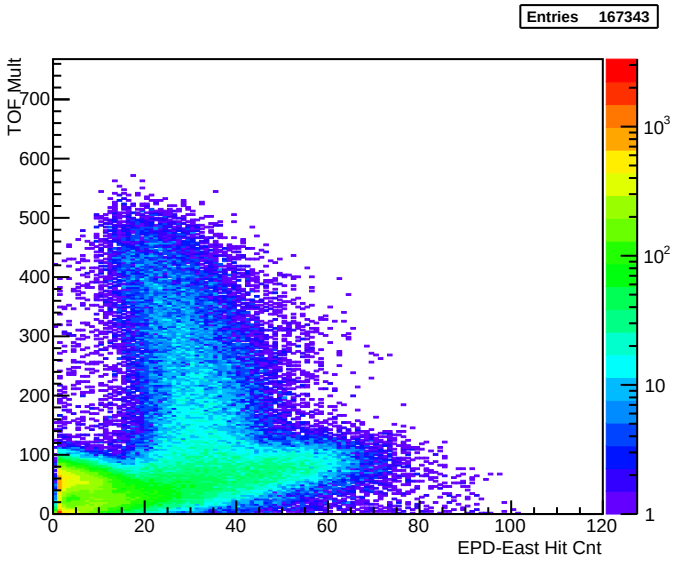

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

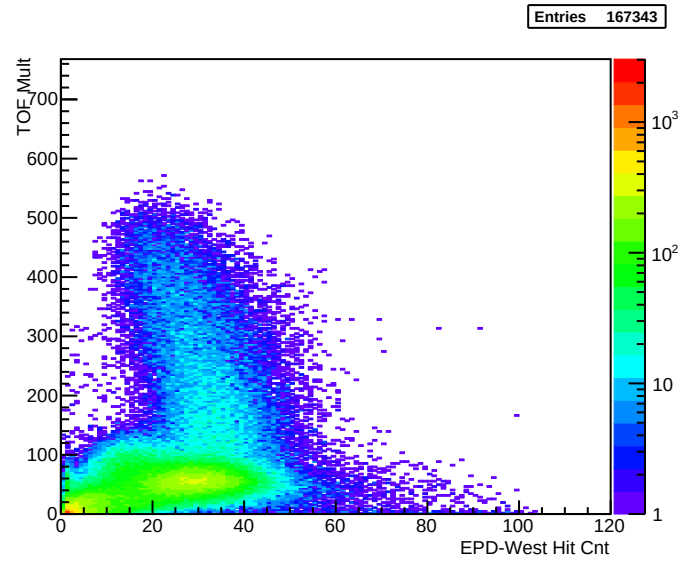

VT201 Input Ch4: VPD Adc Sum Th
Entries 334686
85251
137581
82092
29762
East
West

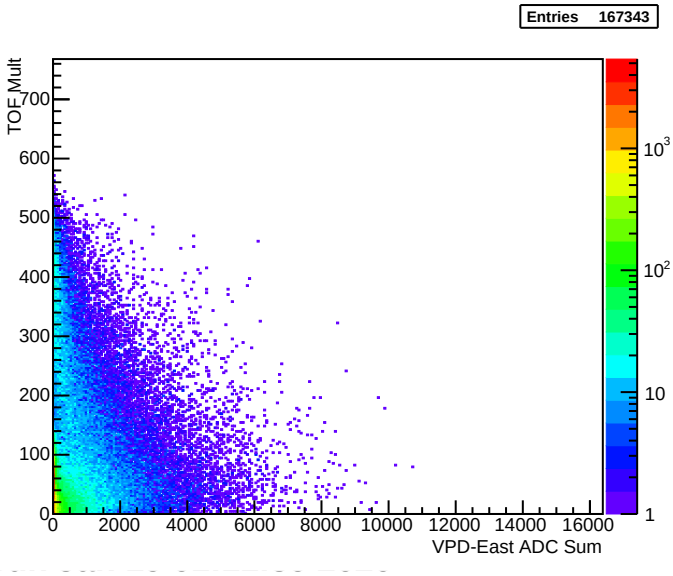

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

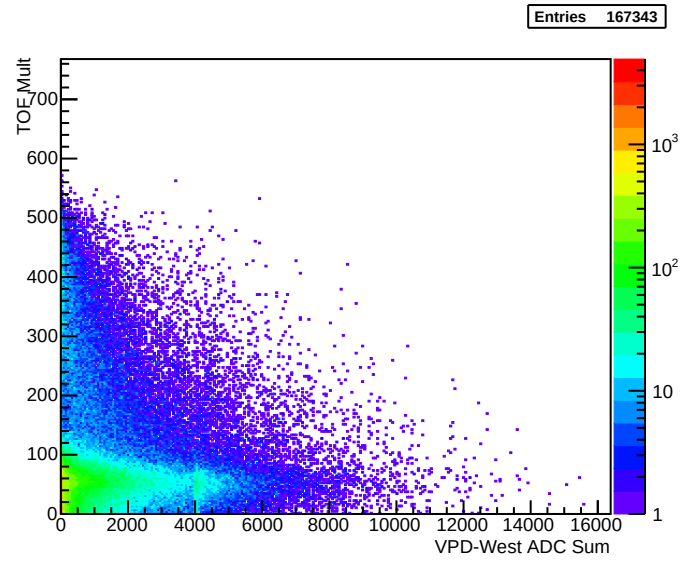

Entries 167343
TOF_Mult
BBC-S-East ADC Sum

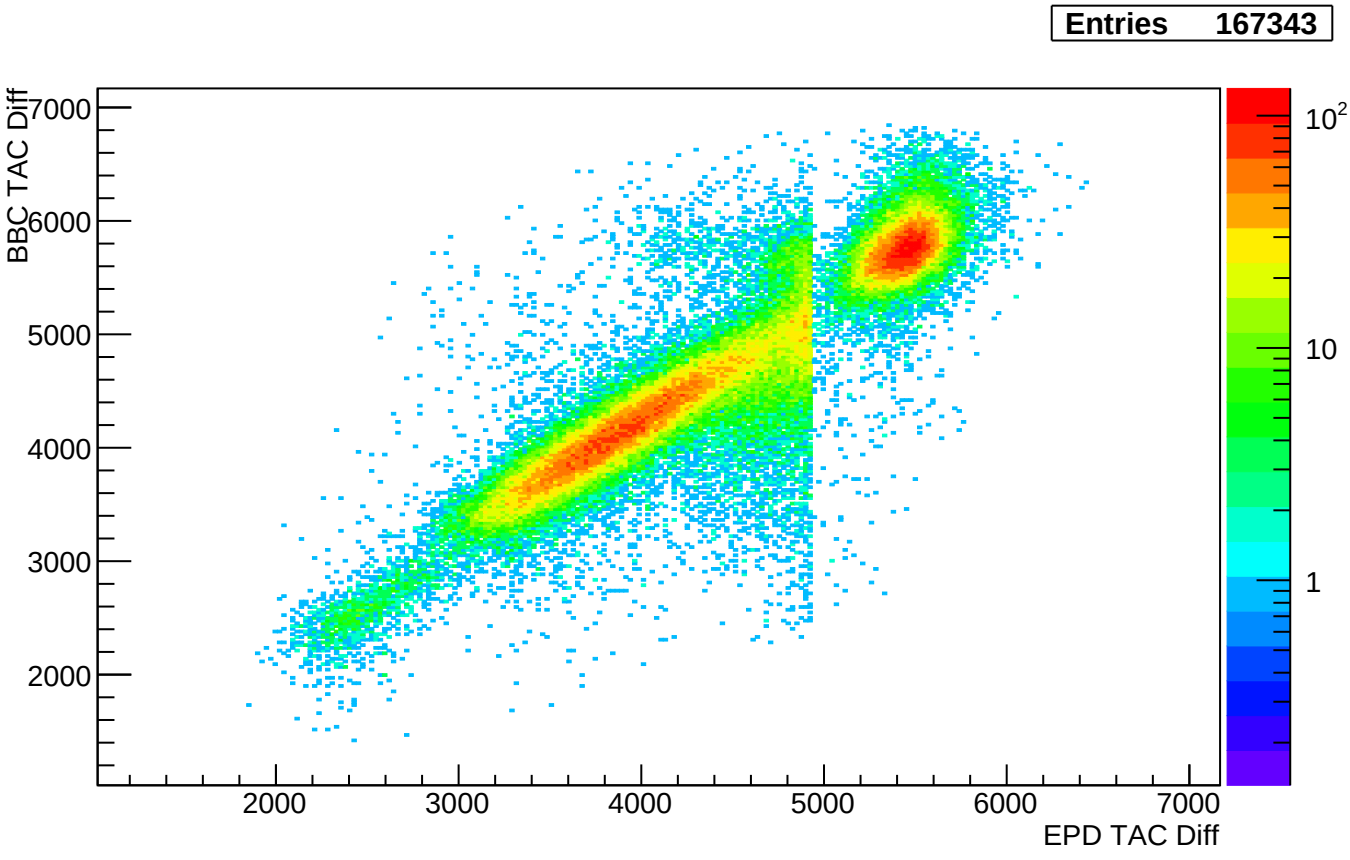

Entries 167343
TOF_Mult
BBC-S-West ADC Sum

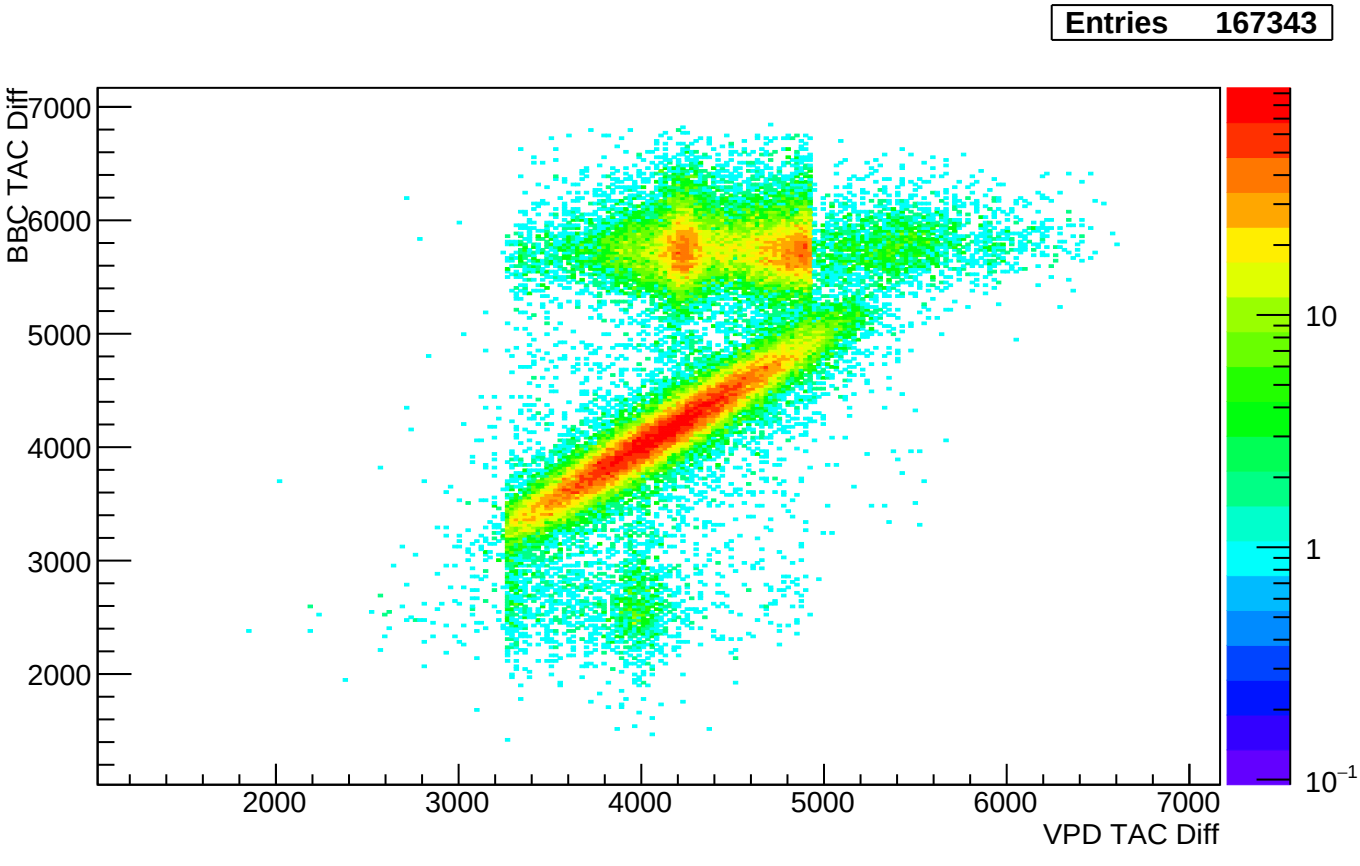

Entries 167343
TOF_Mult
EPD-East Hit Cnt

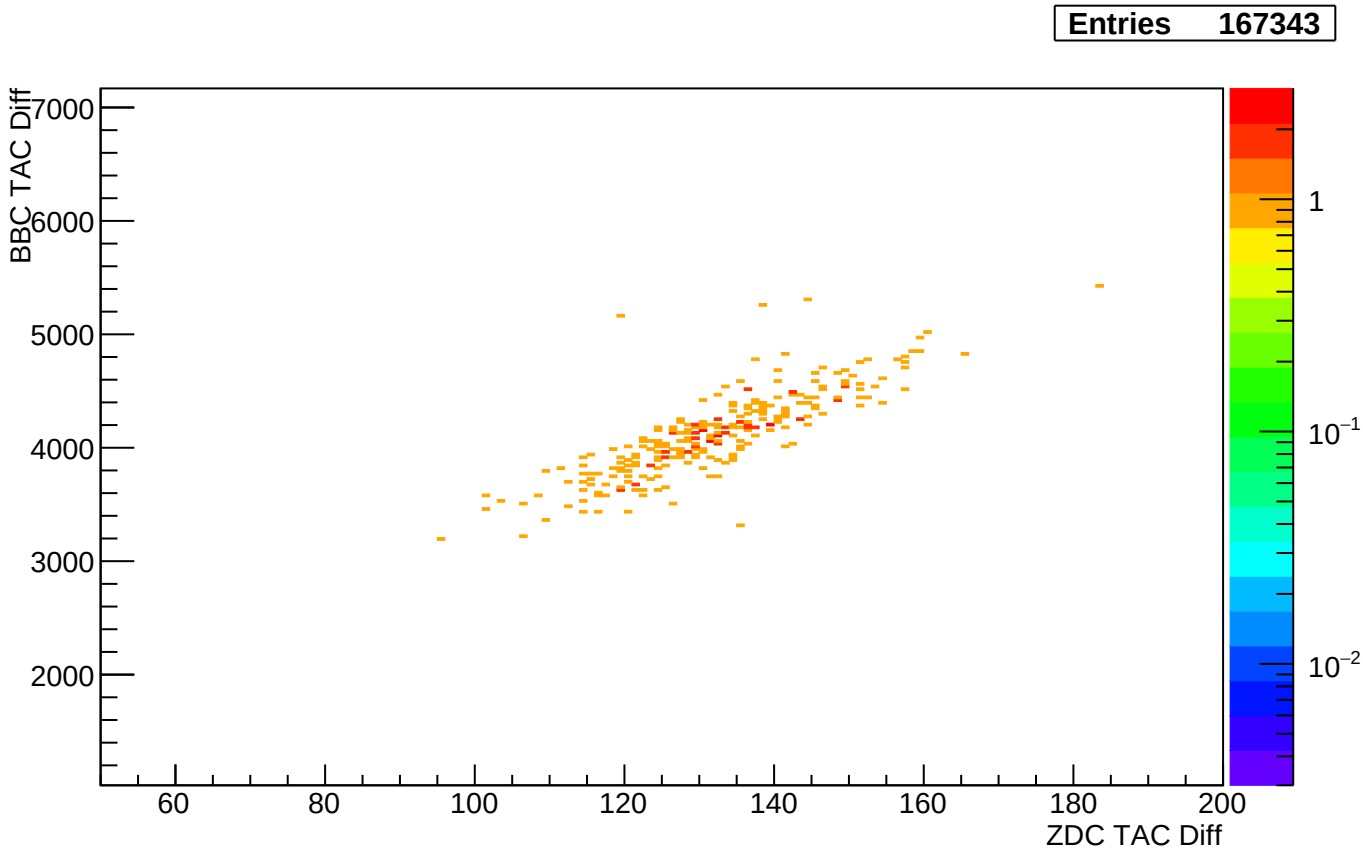

Entries 167343
TOF_Mult
EPD-West Hit Cnt

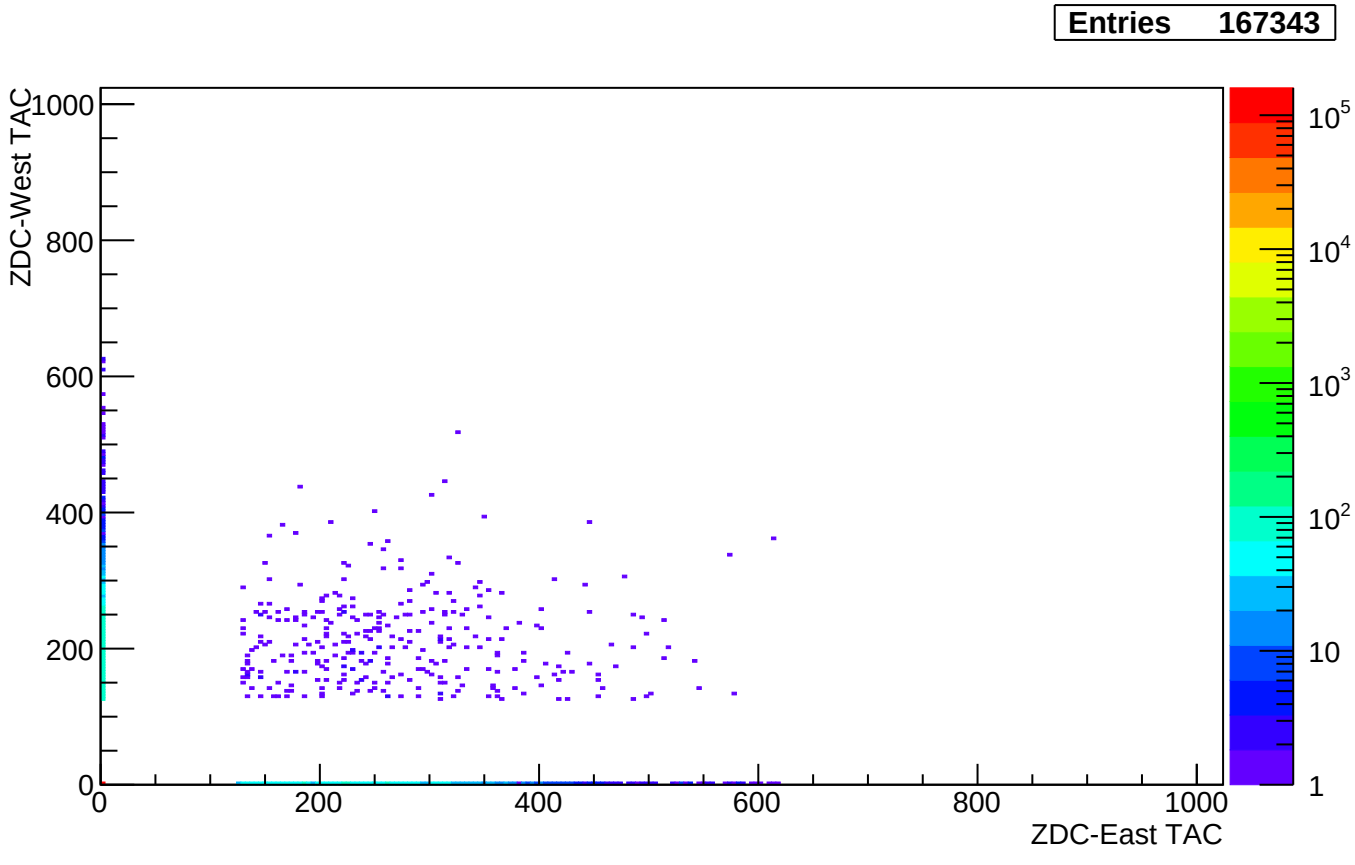

Entries 167343
TOF_Mult
VPD-East ADC Sum

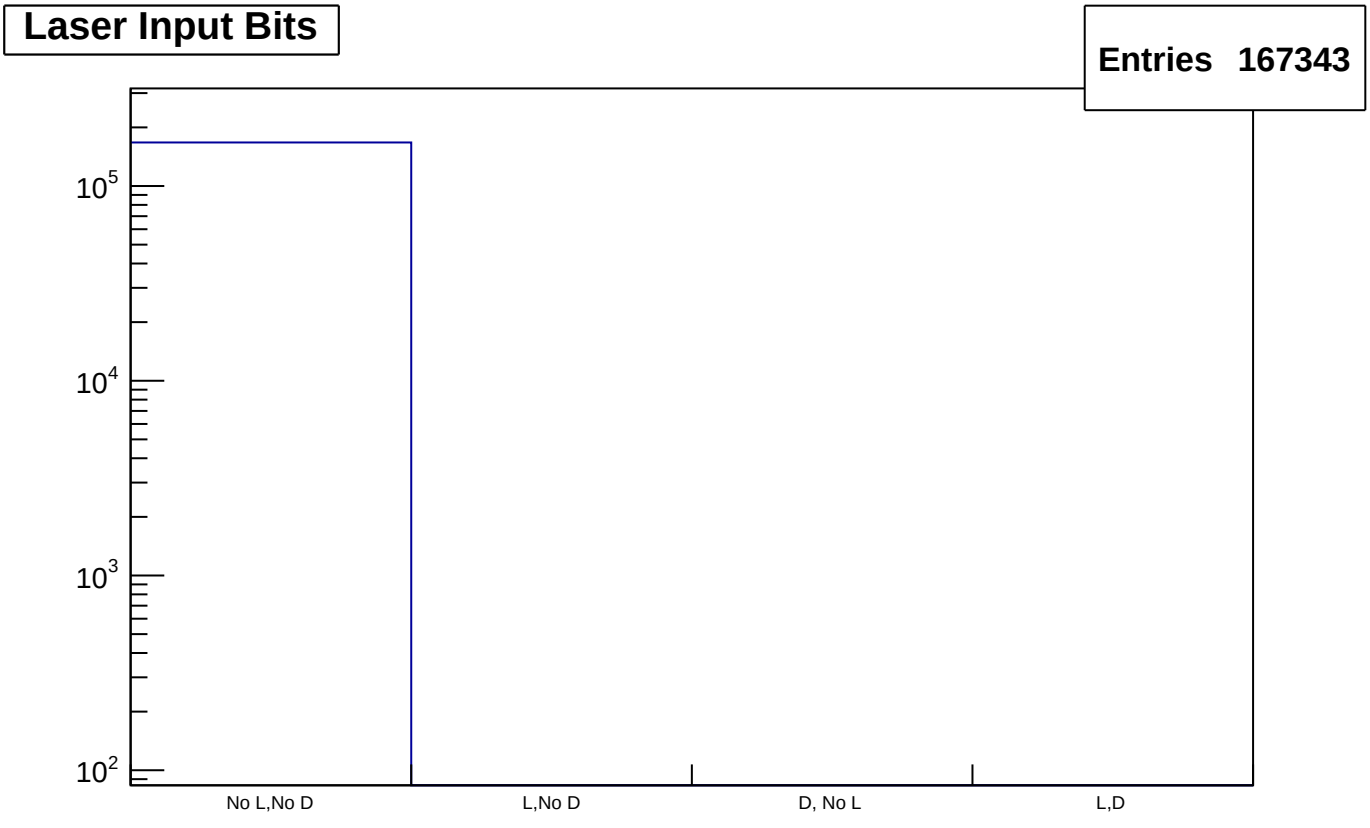

Entries 167343
TOF_Mult
VPD-West ADC Sum

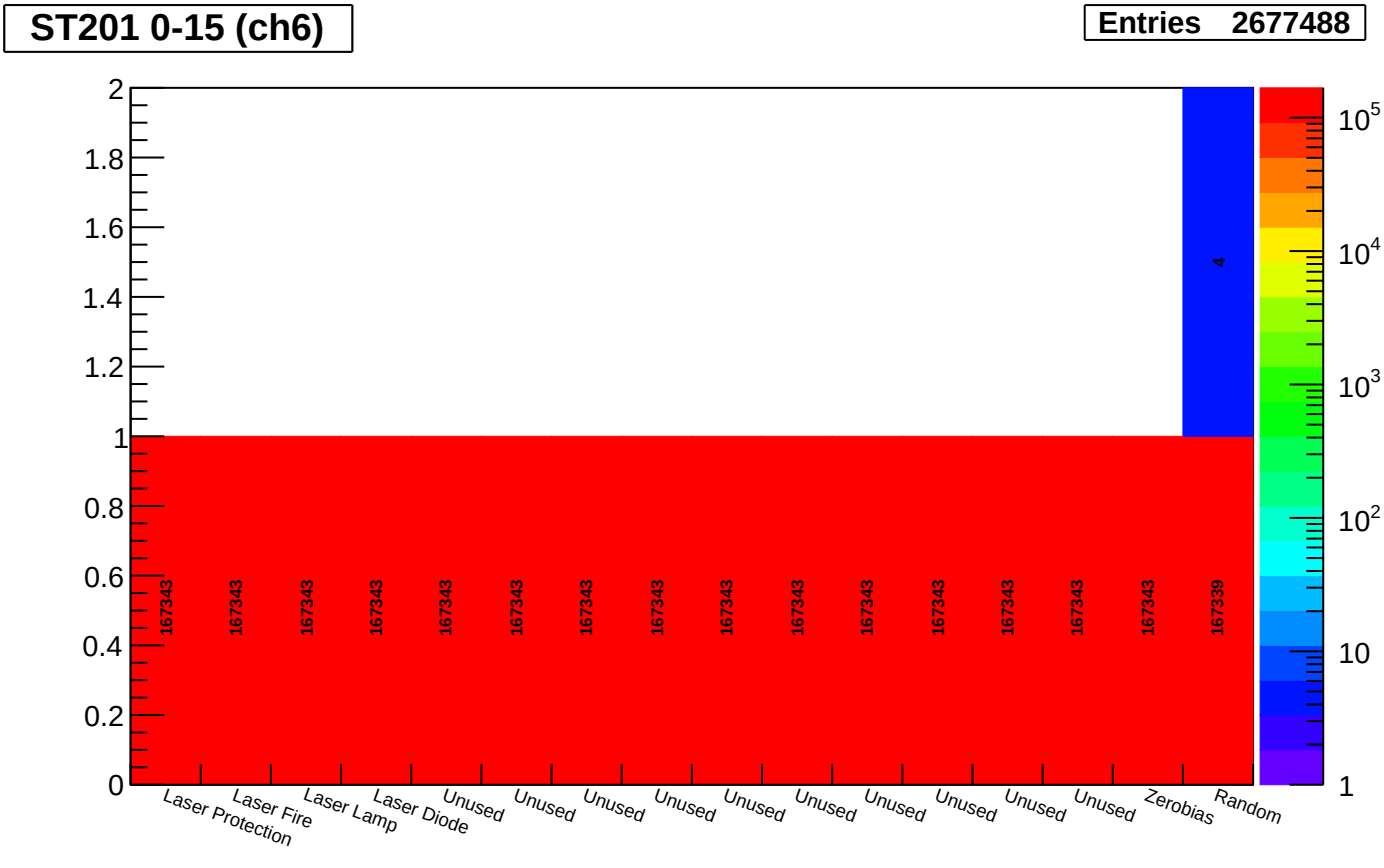

Entries 167343
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

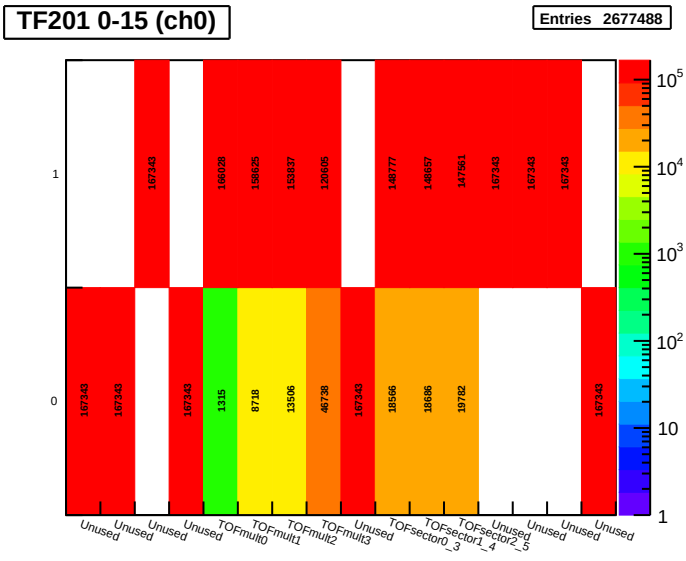

Entries 167343
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}

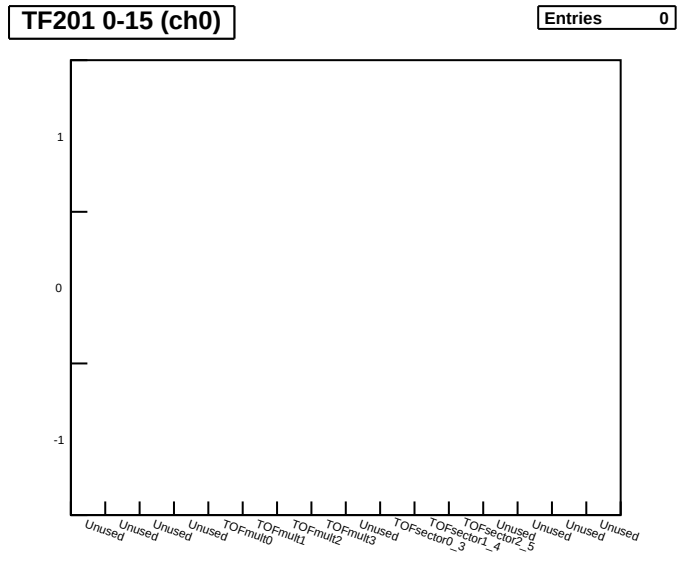

Entries 167343
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

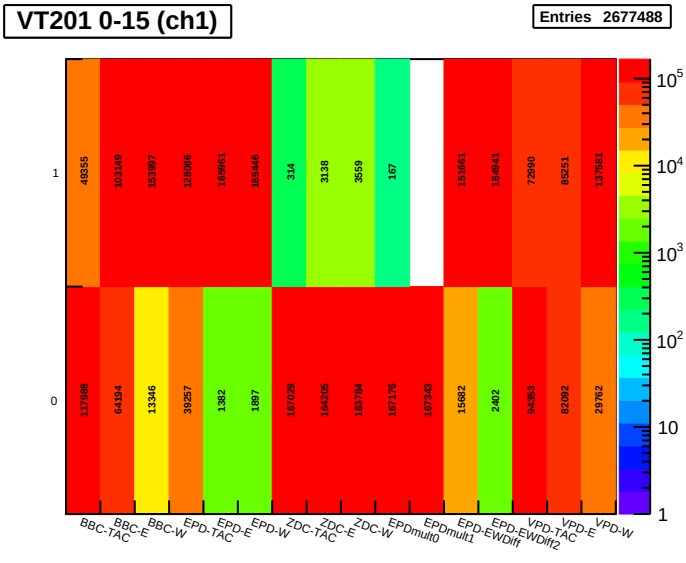

Entries 167343
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

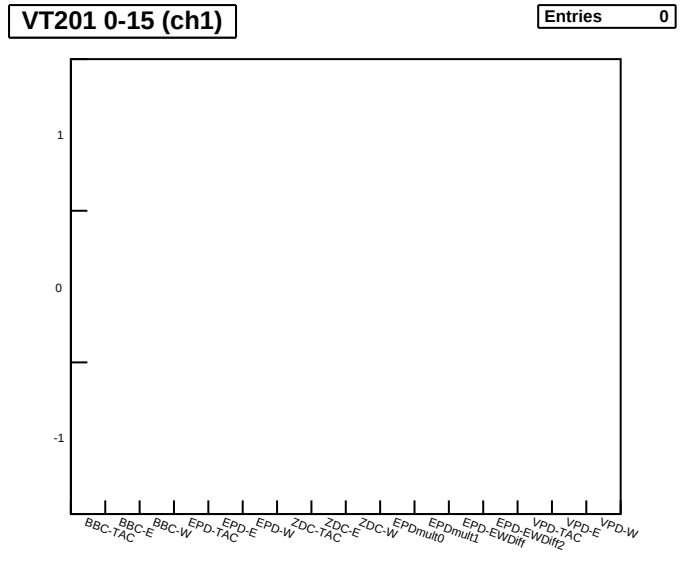

Laser Input Bits
Entries 167343
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

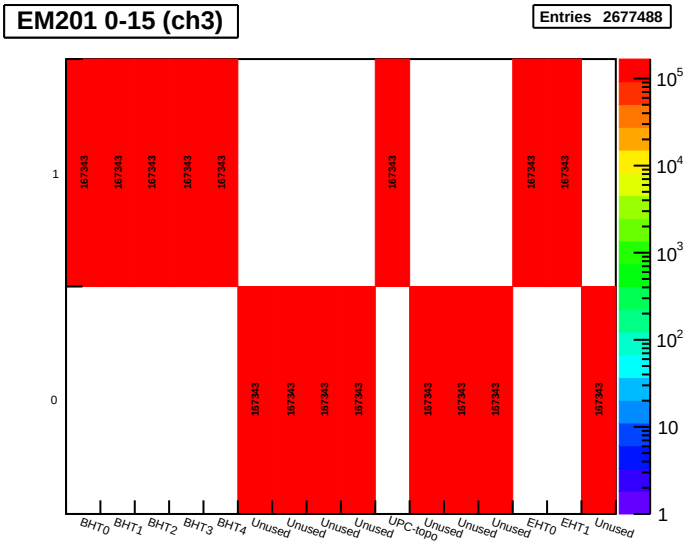

ST201 0-15 (ch6)
Entries 2677488
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
167343
167343
167343
167343
167343
167343
167343
167343
167343
167343
167343
167343
167343
167343
167343
167339
4
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

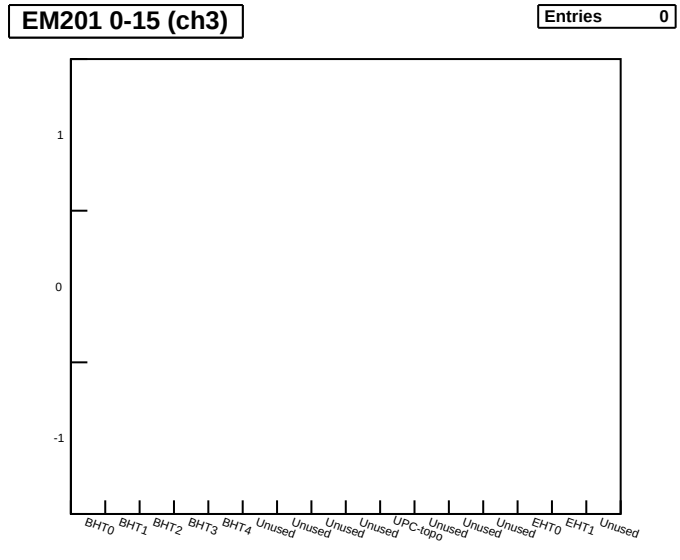

TF201 0-15 (ch0)
Entries 2677488
1
0
167343
166028
158625
153837
120605
148777
148657
147561
167343
167343
167343
167343
167343
1315
8718
13506
46738
167343
18566
18686
19782
167343
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
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


VT201 0-15 (ch1)
Entries 2677488
1
0
43955
103149
153997
128086
165961
165446
314
3138
3559
167
151661
164941
72990
85251
137581
117988
64194
13346
39257
1382
1897
167029
164205
163784
167176
167343
15682
2402
94353
82092
29762
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 2677488
1
0
167343
167343
167343
167343
167343
167343
167343
167343
167343
167343
167343
167343
167343
167343
167343
167343
167343
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