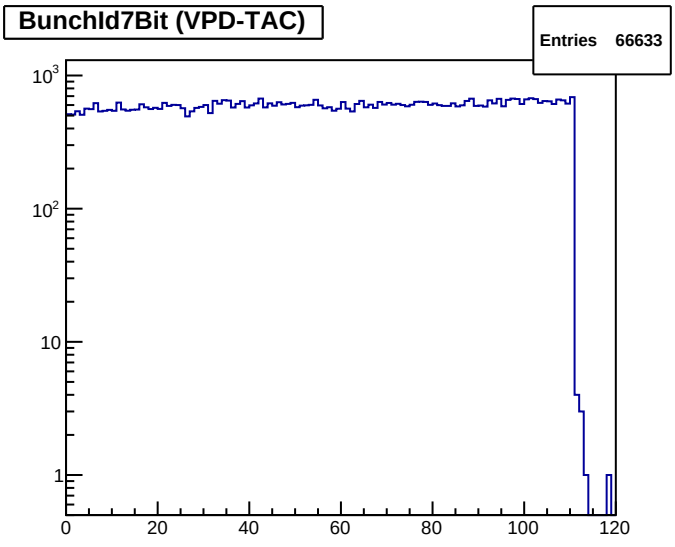
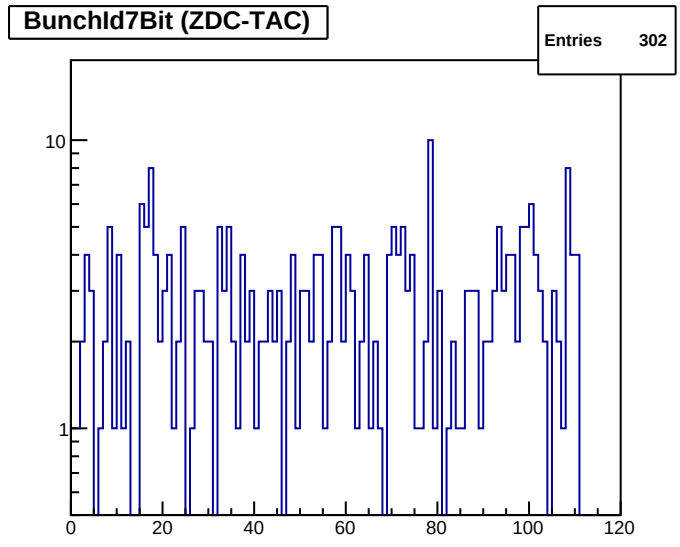
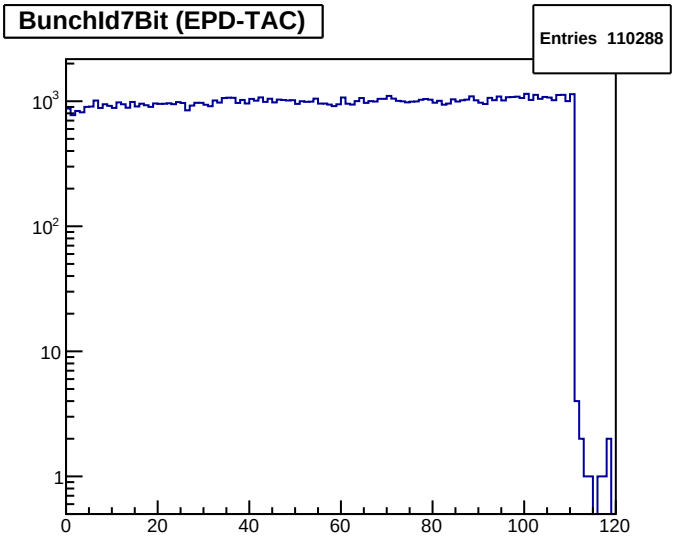
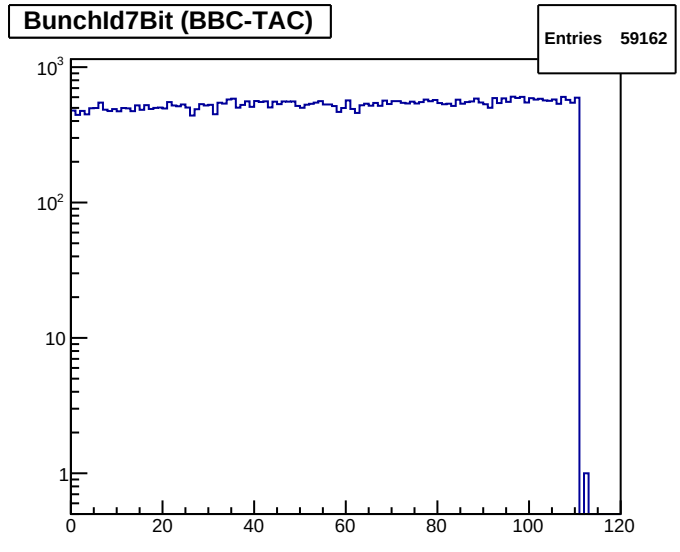
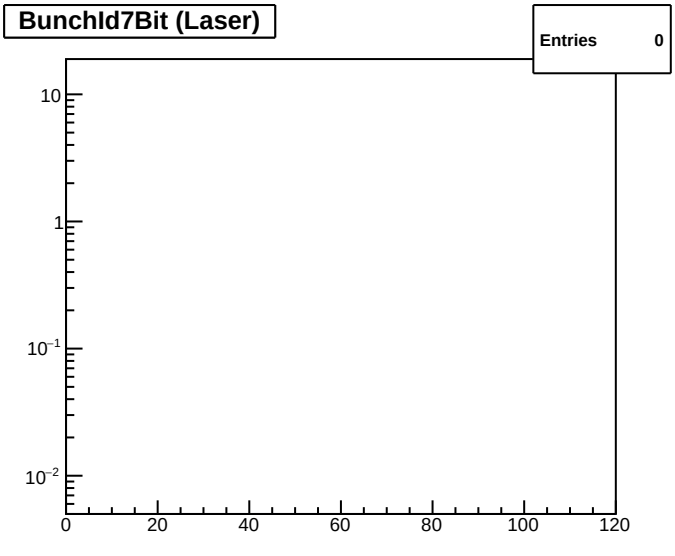
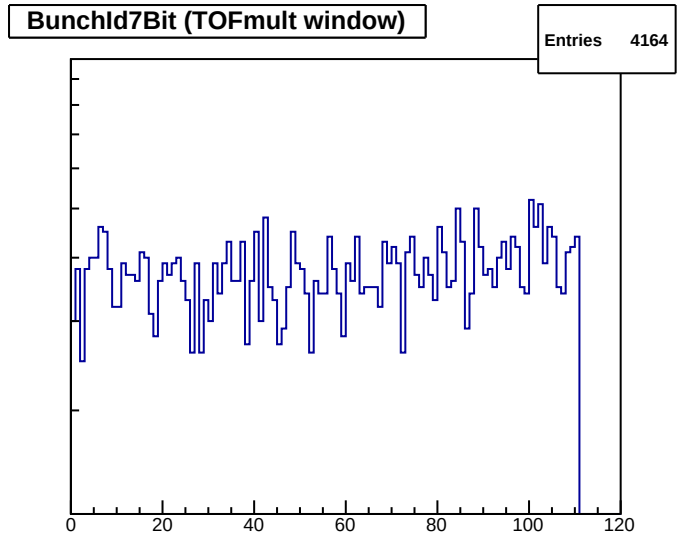

BunchId7Bit (VPD-TAC)
Entries 66633

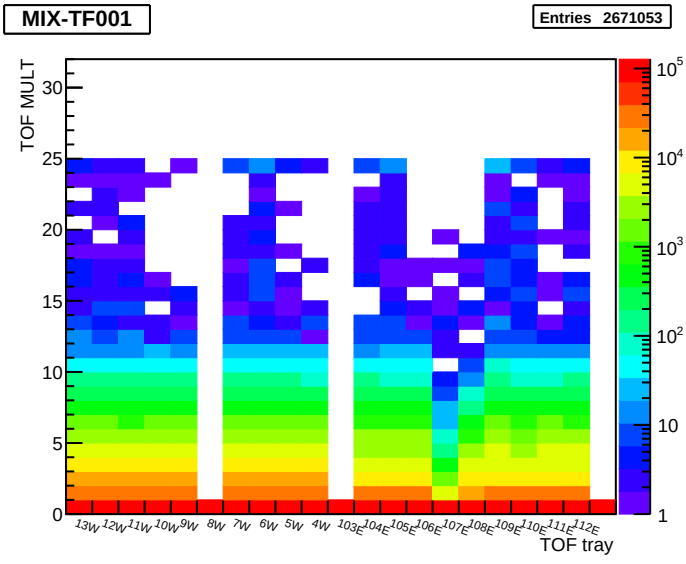

BunchId7Bit (ZDC-TAC)
Entries 302

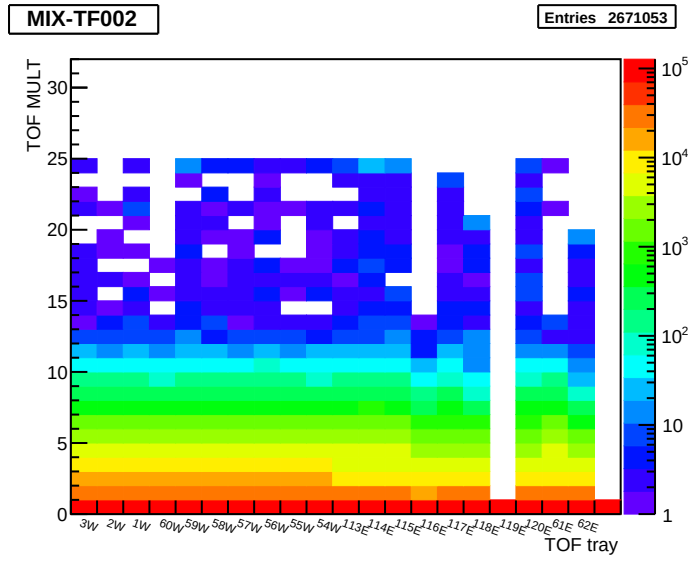

BunchId7Bit (EPD-TAC)
Entries 110288

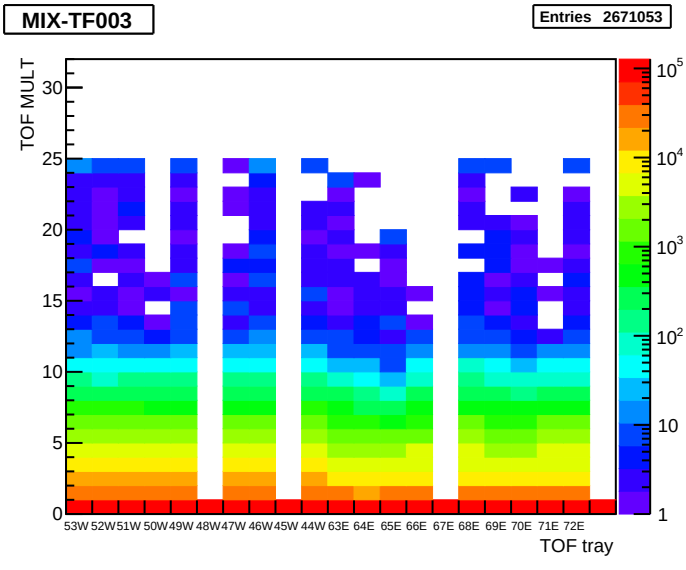

BunchId7Bit (BBC-TAC)
Entries 59162

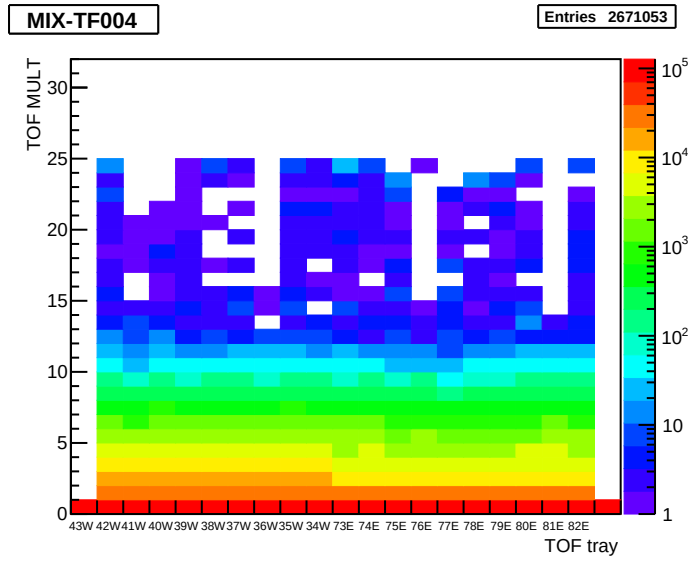

BunchId7Bit (Laser)
Entries 0

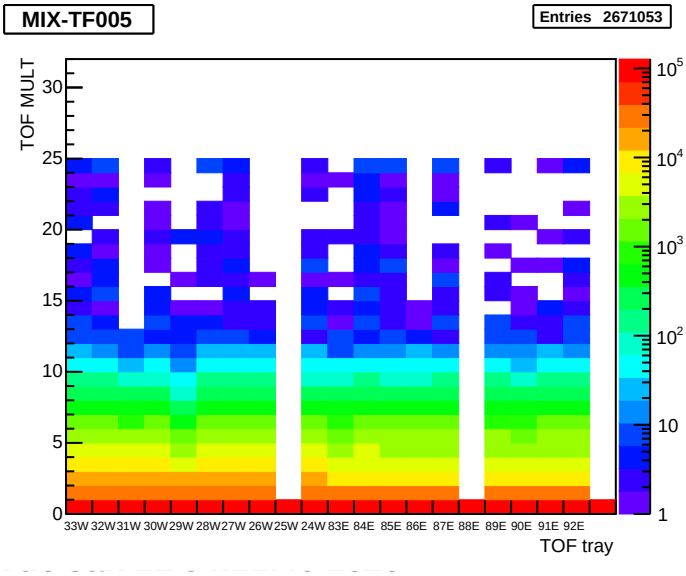

BunchId7Bit (TOFmult window)
Entries 4164

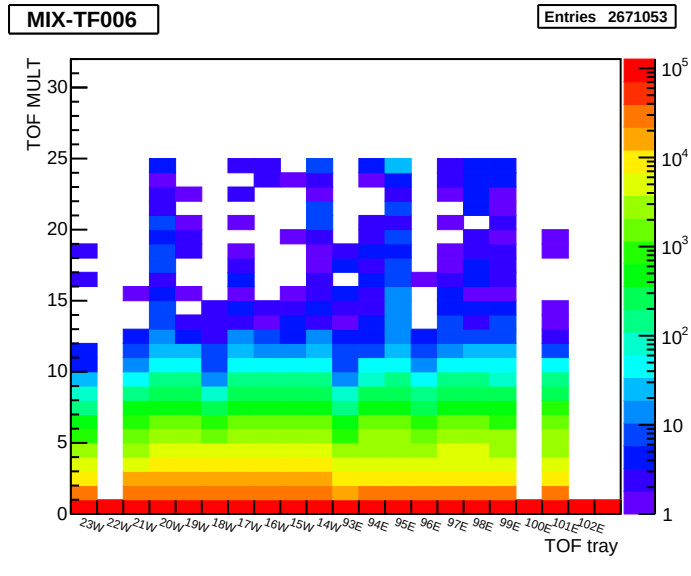

MIX-TF001
Entries 2671053
TOF MULT
TOF tray

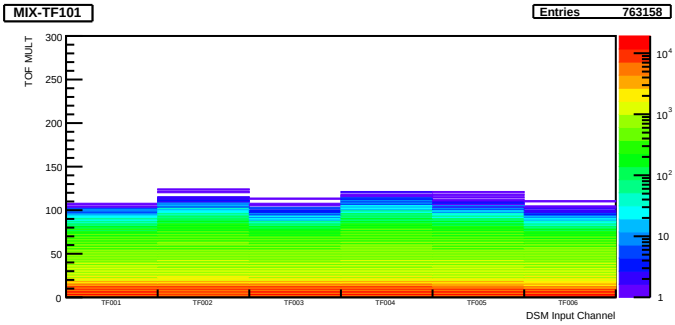

MIX-TF002
Entries 2671053
TOF MULT
TOF tray

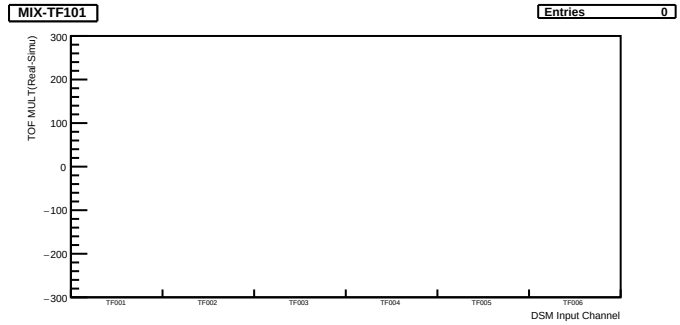

MIX-TF003
Entries 2671053
TOF MULT
TOF tray

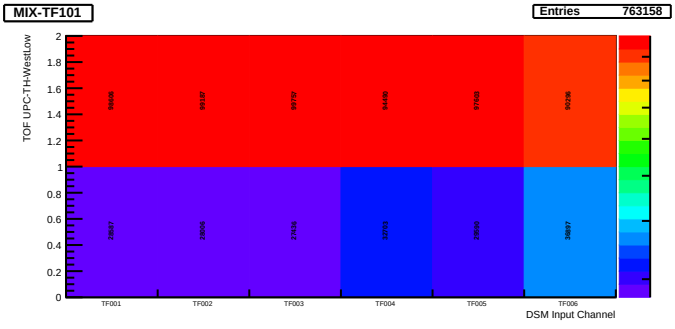

MIX-TF004
Entries 2671053
TOF MULT
TOF tray

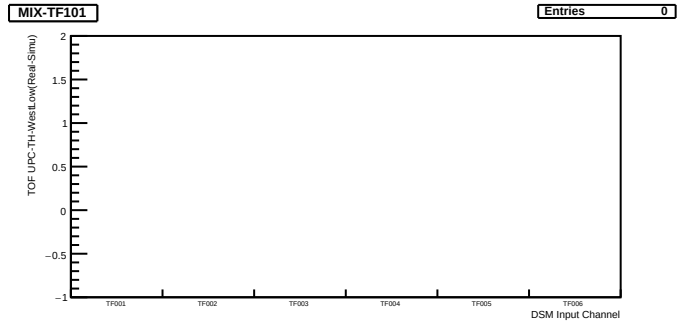

MIX-TF005
Entries 2671053
TOF MULT
TOF tray

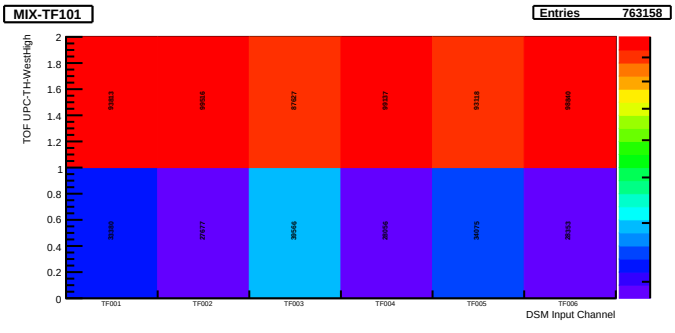

MIX-TF006
Entries 2671053
TOF MULT
TOF tray

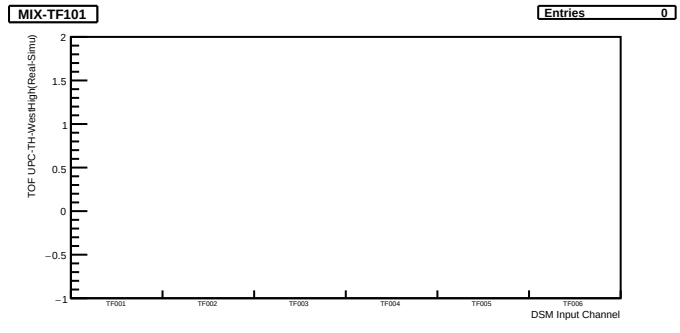

MIX-TF101
Entries 763158
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

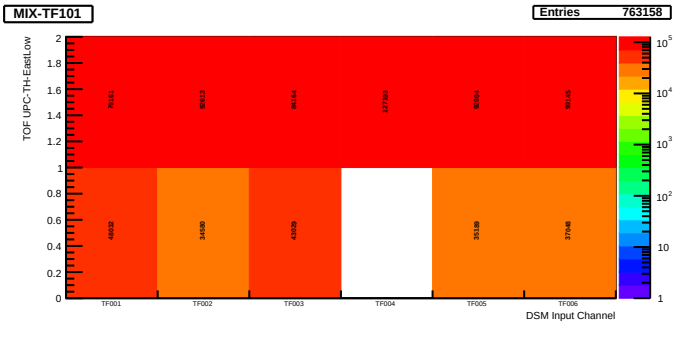

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

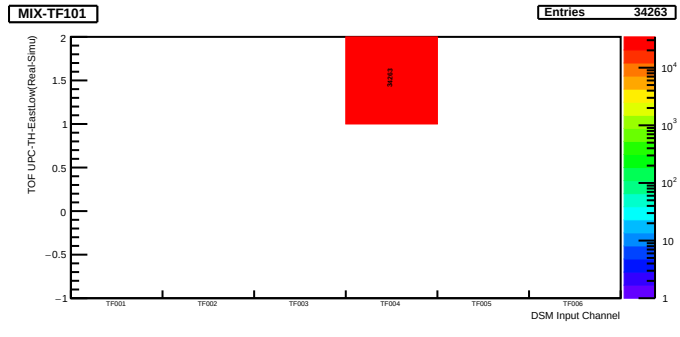

MIX-TF101
Entries 763158
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

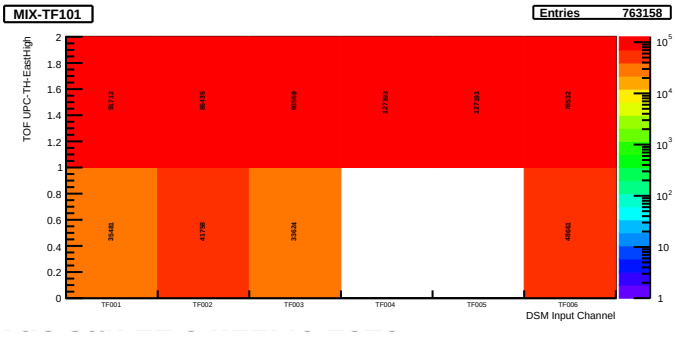

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

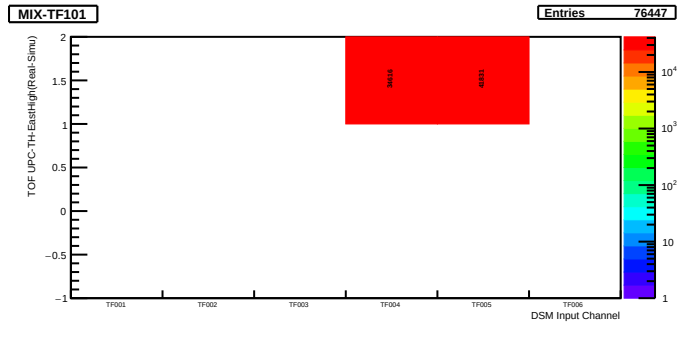

MIX-TF101
Entries 763158
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

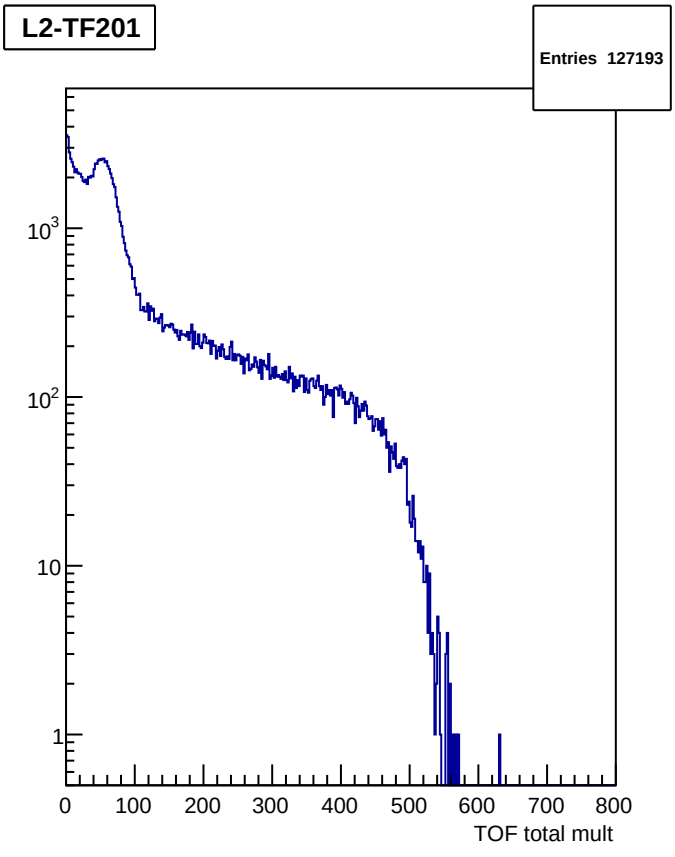

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

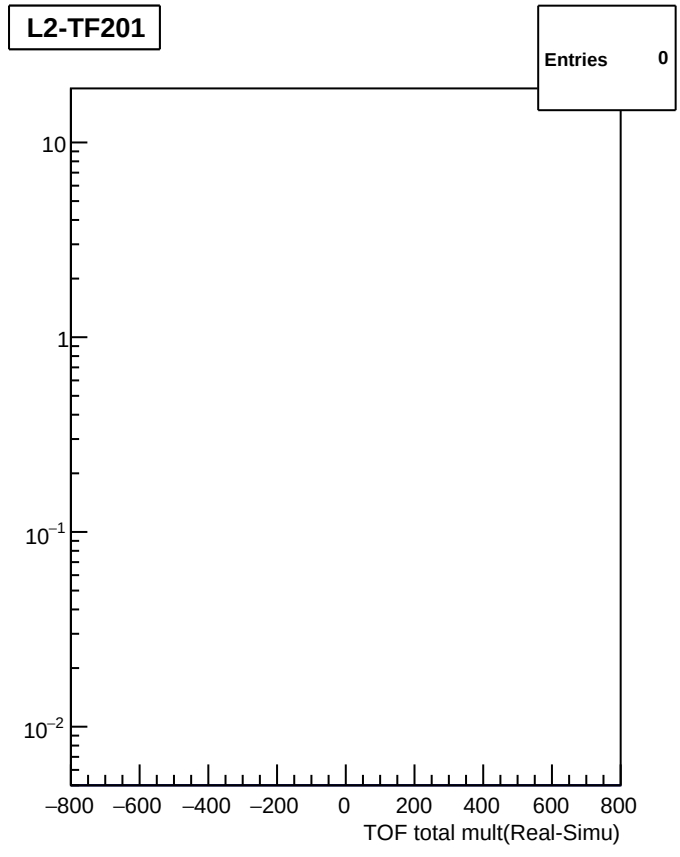

MIX-TF101
Entries 763158
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

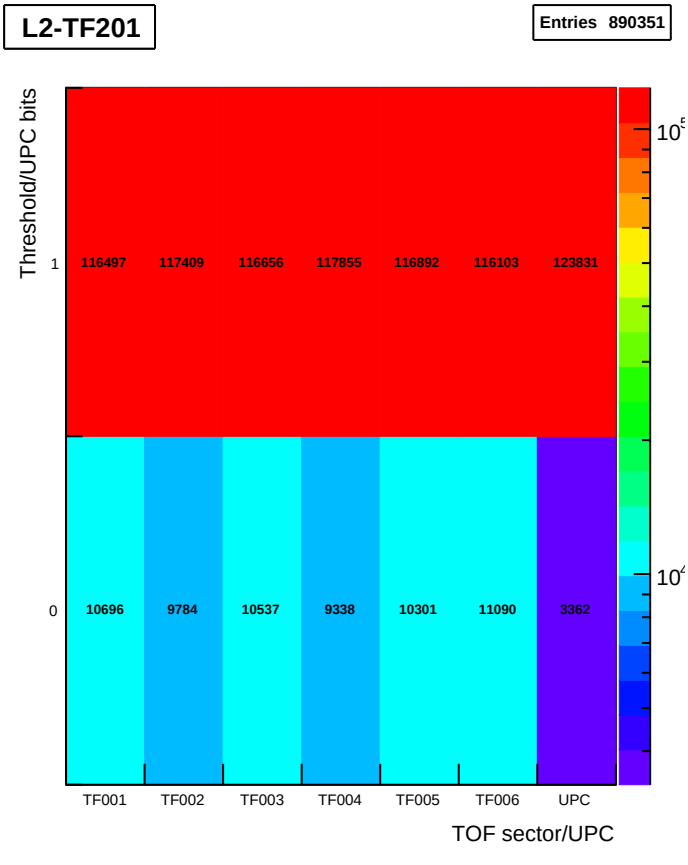

MIX-TF101
Entries 34263
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

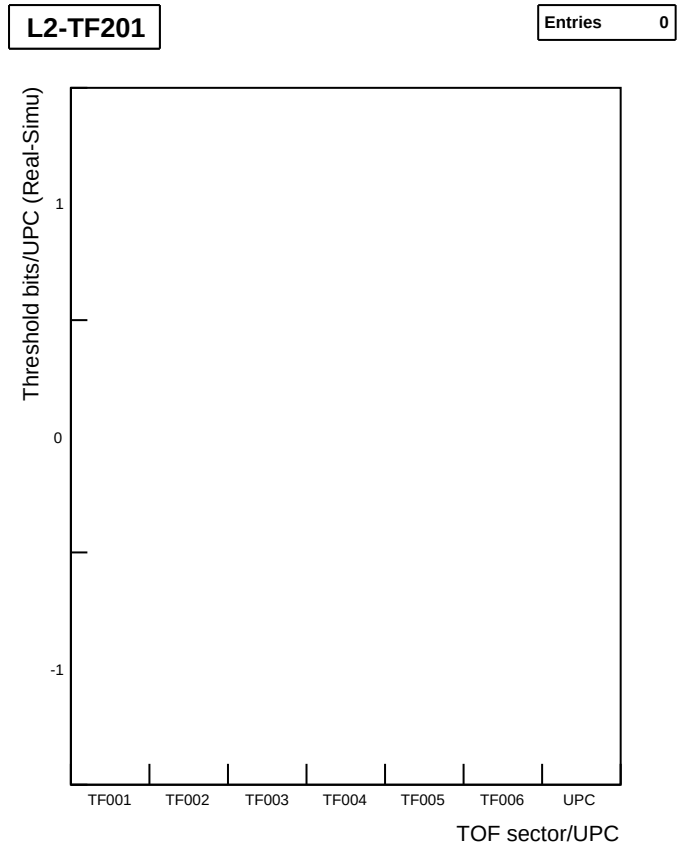

MIX-TF101
Entries 763158
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

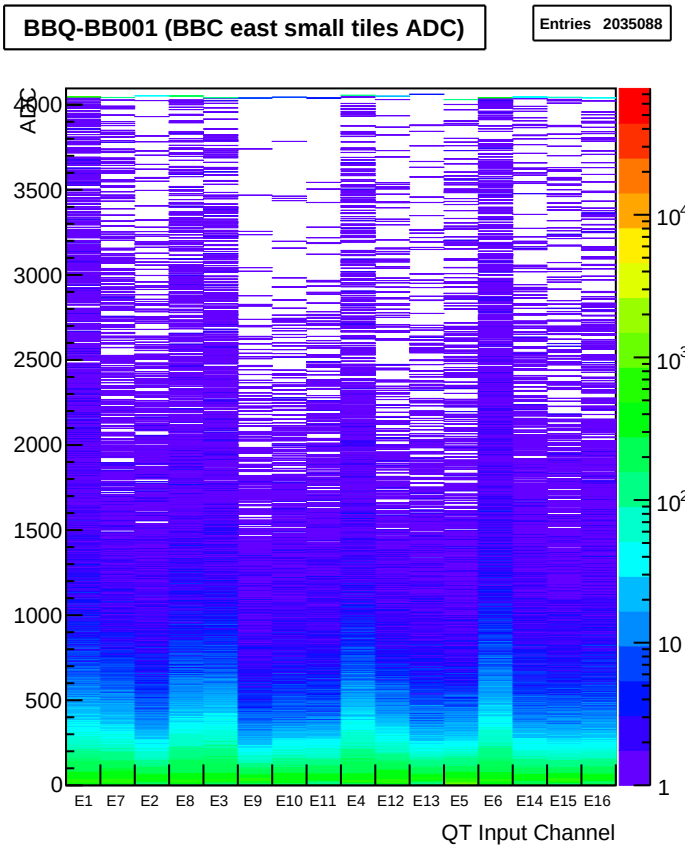

MIX-TF101
Entries 76447
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

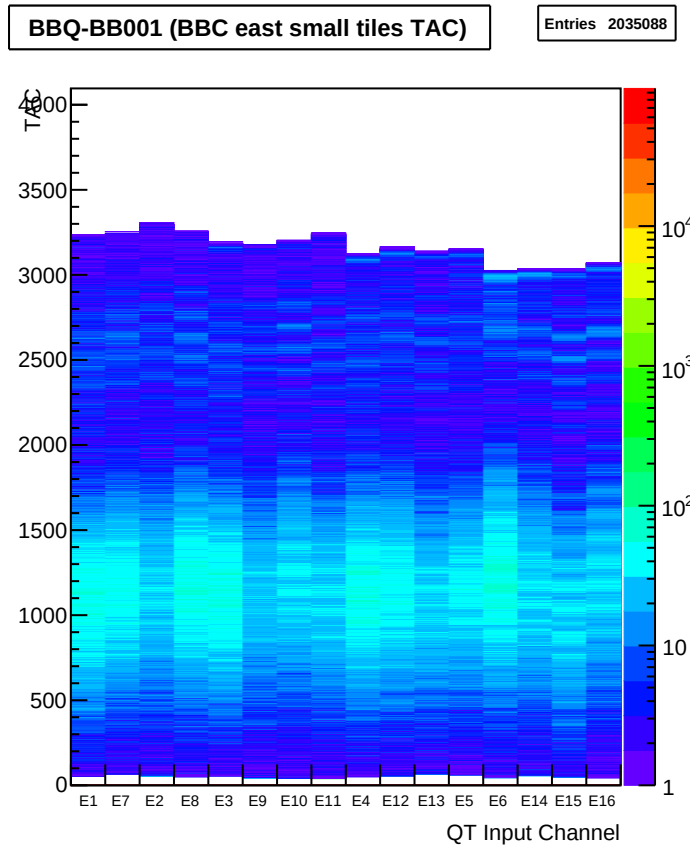

L2-TF201
Entries 127193
TOF total mult

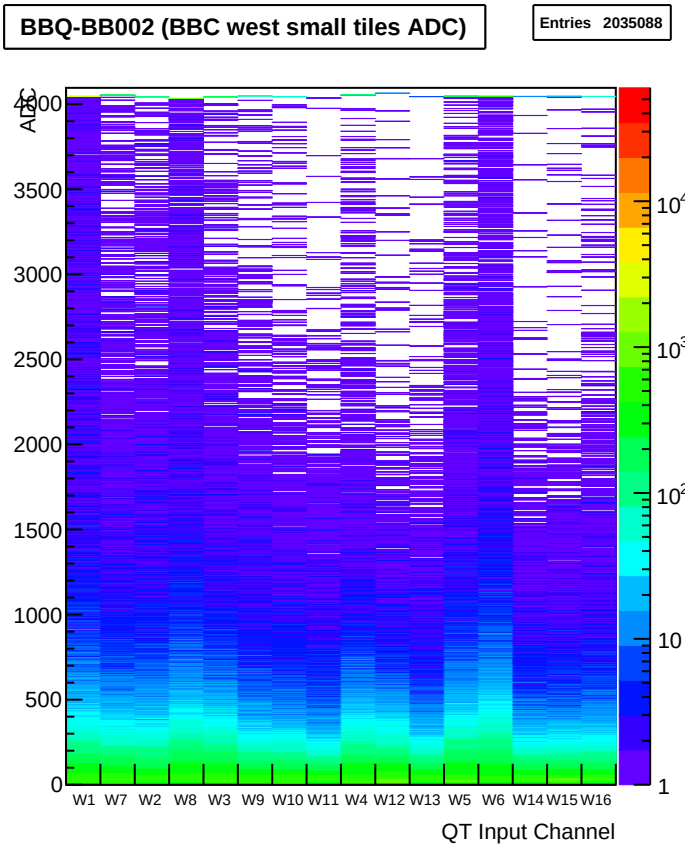

L2-TF201
Entries 0
TOF total mult(Real-Simu)

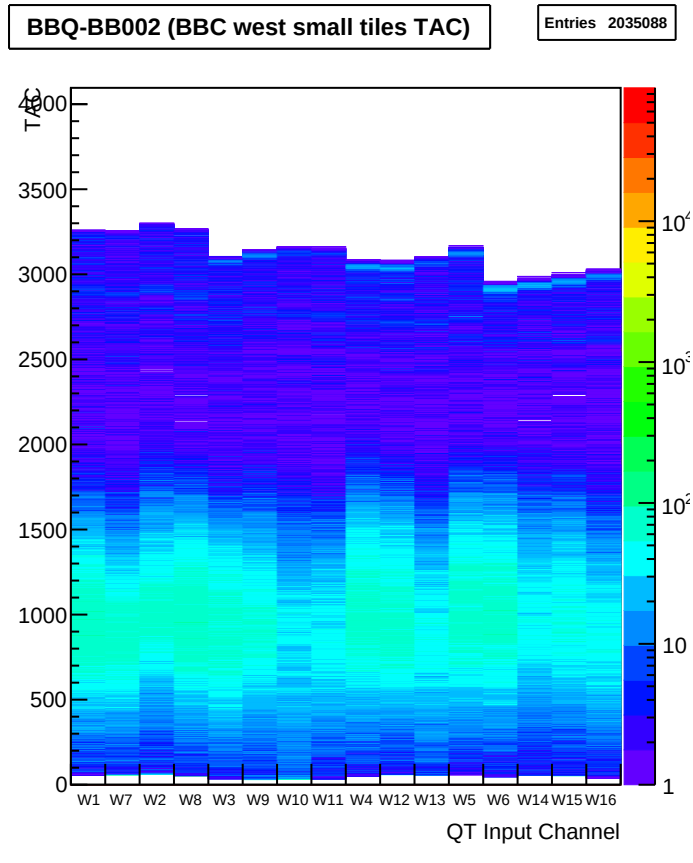

L2-TF201
Entries 890351
Threshold/UPC bits
116497
117409
116656
117855
116892
116103
123831
10696
9784
10537
9338
10301
11090
3362
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

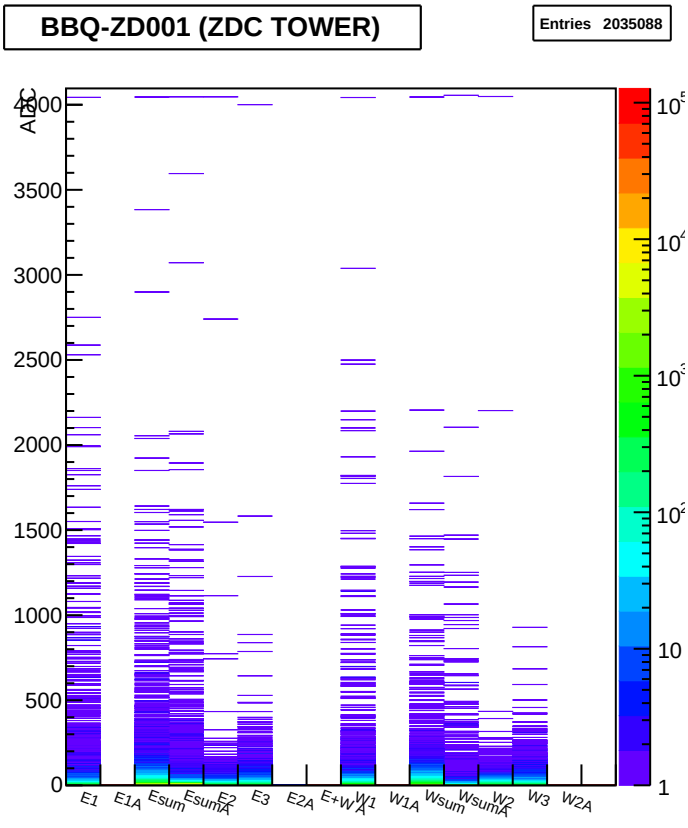

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

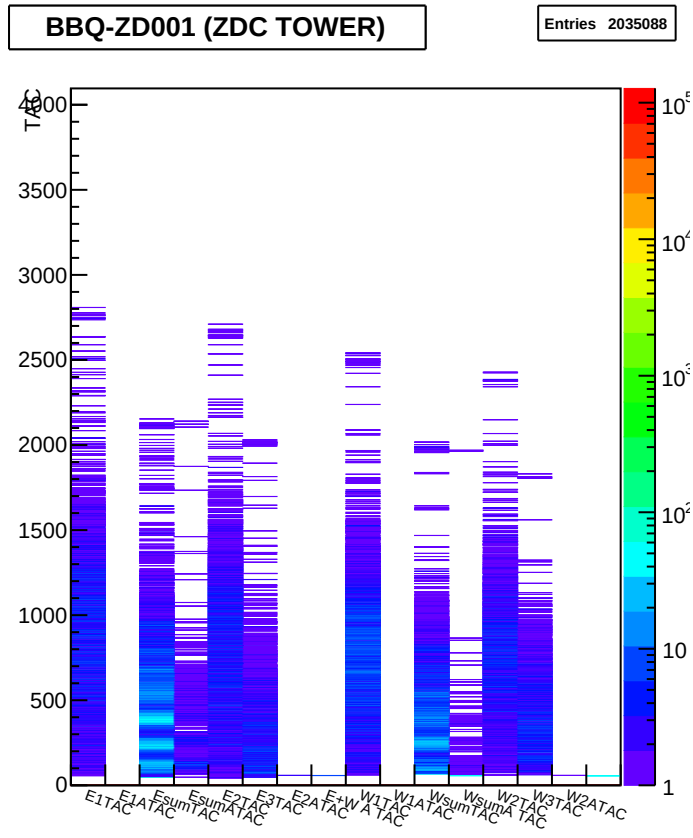

BBQ-BB001 (BBC east small tiles ADC)
Entries 2035088
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

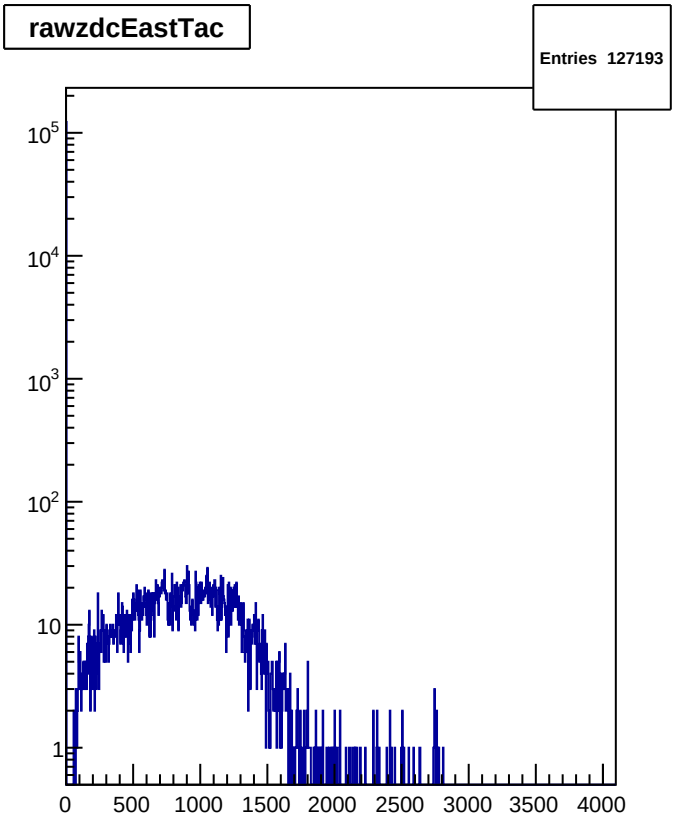

BBQ-BB001 (BBC east small tiles TAC)
Entries 2035088
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

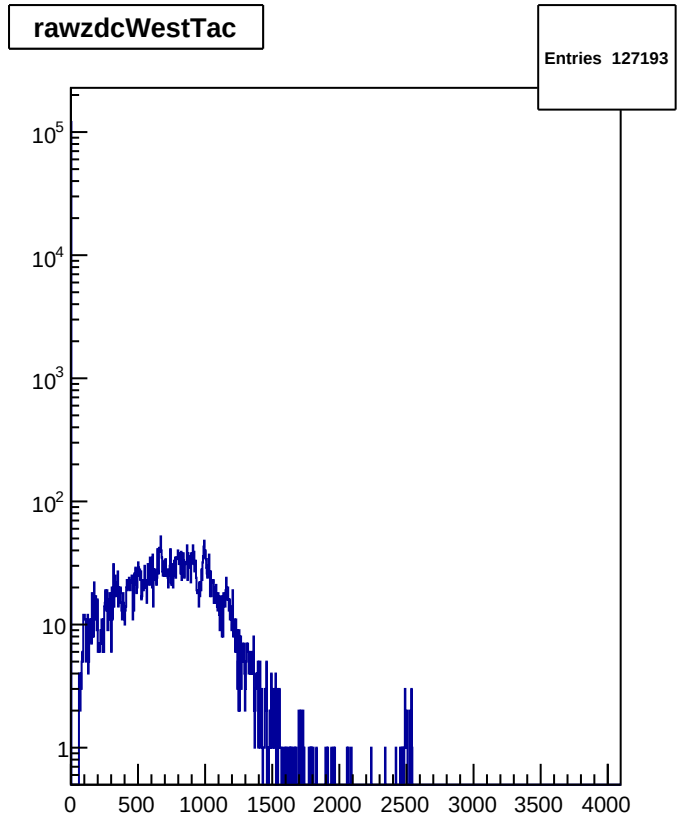

BBQ-BB002 (BBC west small tiles ADC)
Entries 2035088
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

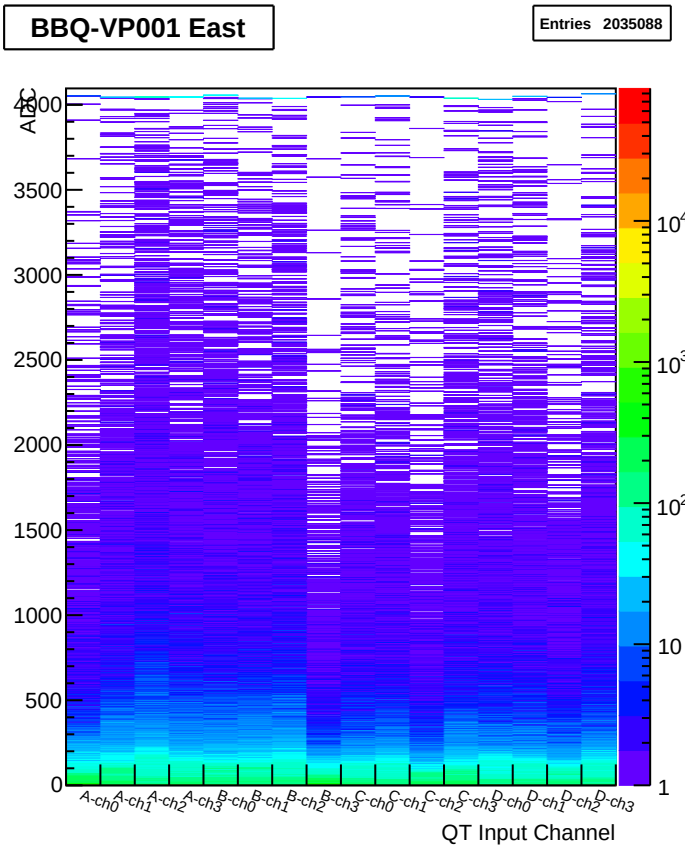

BBQ-BB002 (BBC west small tiles TAC)
Entries 2035088
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

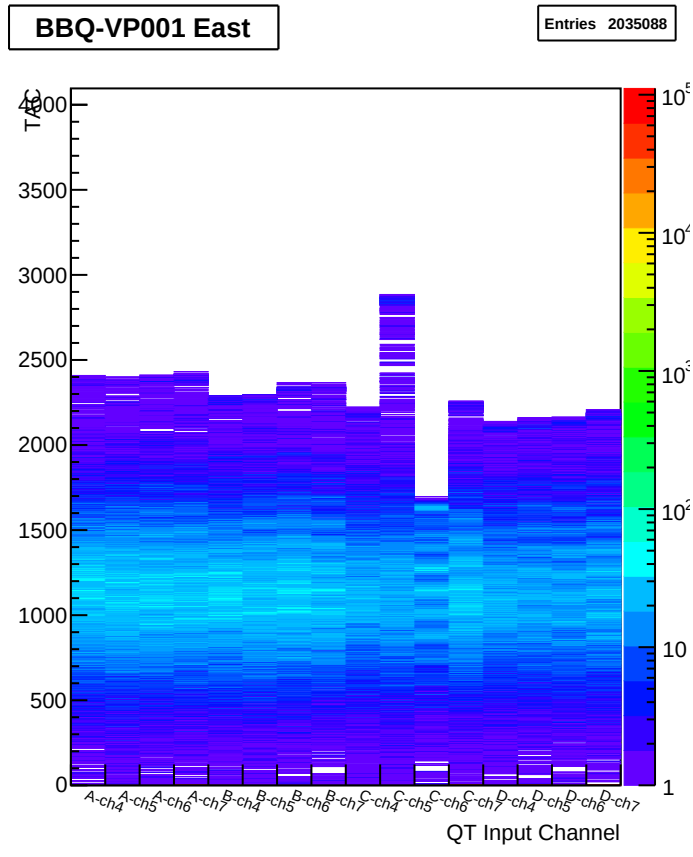

BBQ-ZD001 (ZDC TOWER)
Entries 2035088
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

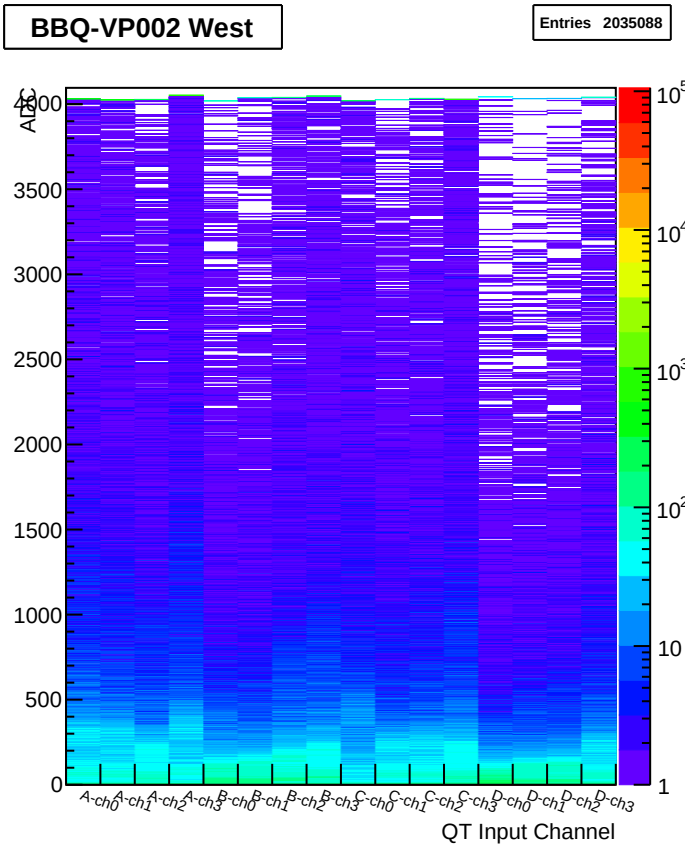

BBQ-ZD001 (ZDC TOWER)
Entries 2035088
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

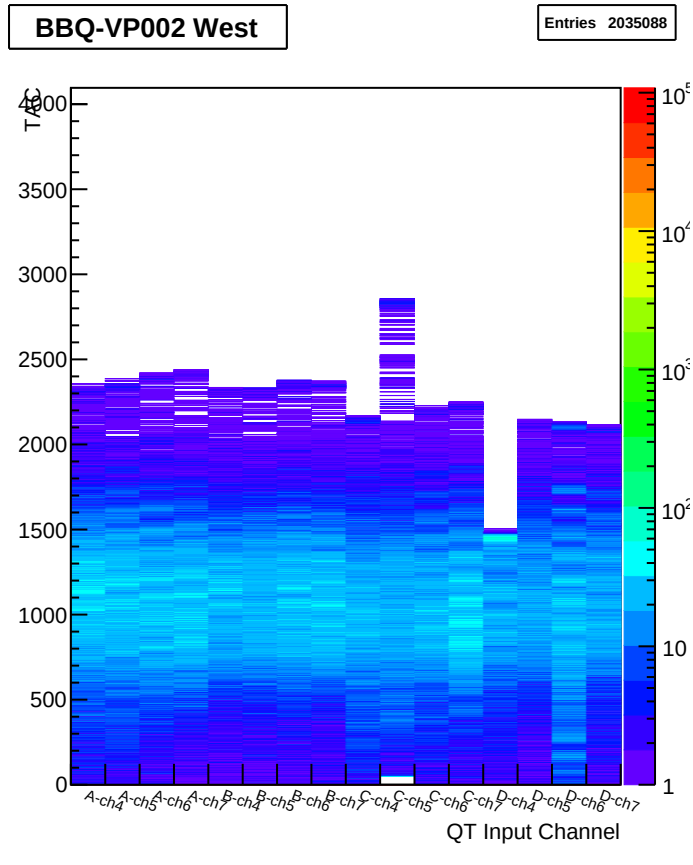

rawzdcEastTac
Entries 127193

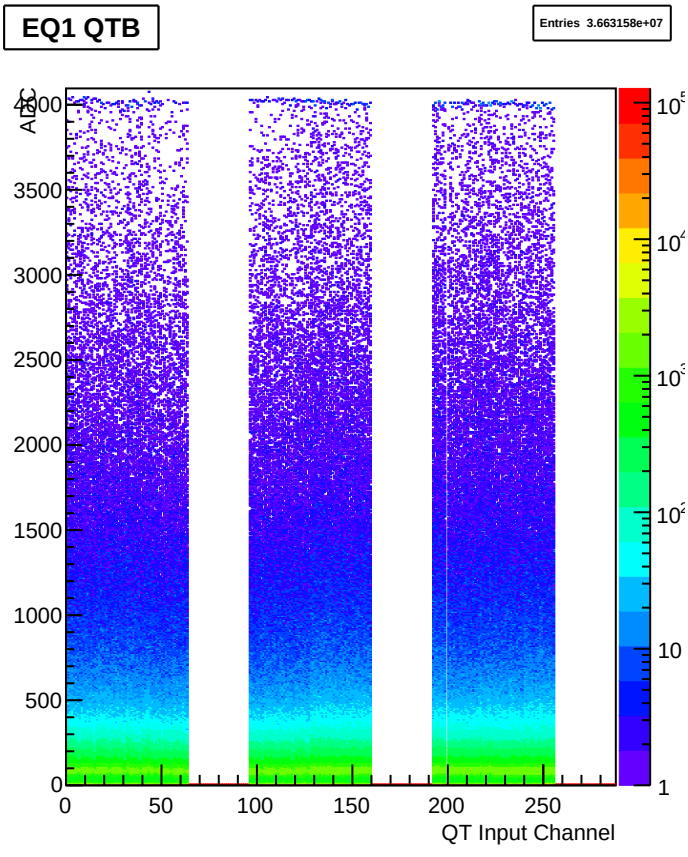

rawzdcWestTac
Entries 127193

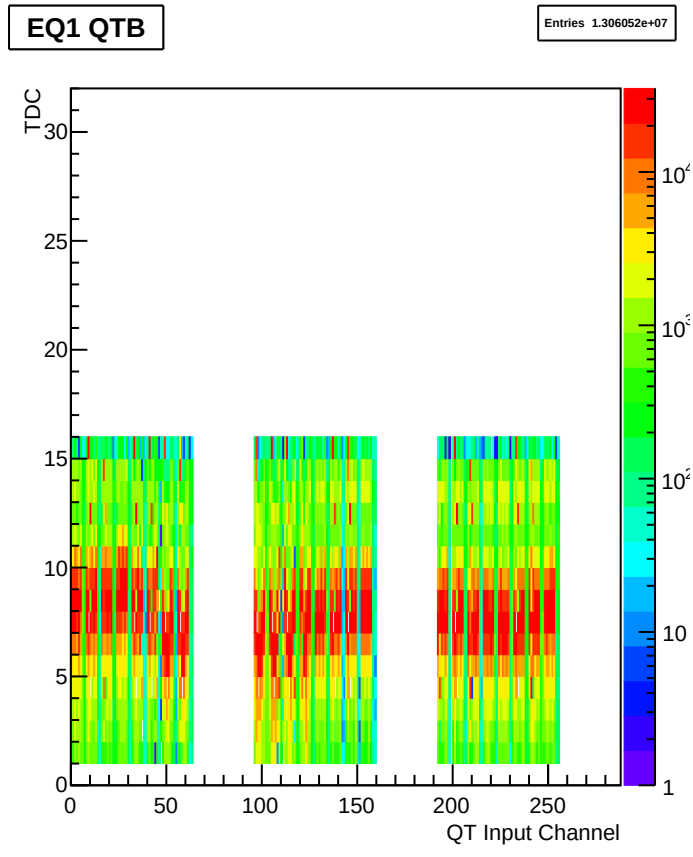

BBQ-VP001 East
Entries 2035088
ADC
QT Input Channel

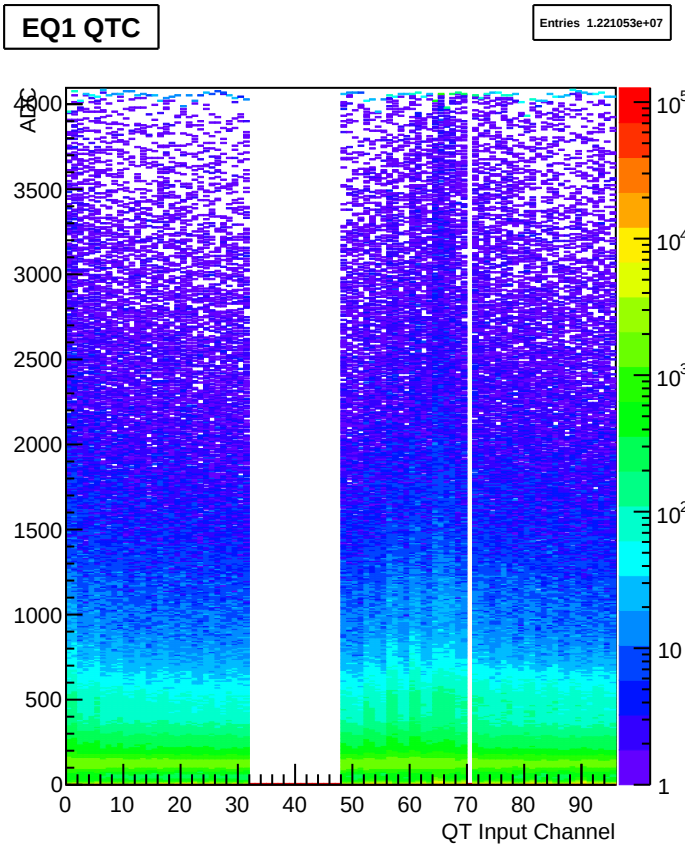

BBQ-VP001 East
Entries 2035088
TADC
QT Input Channel

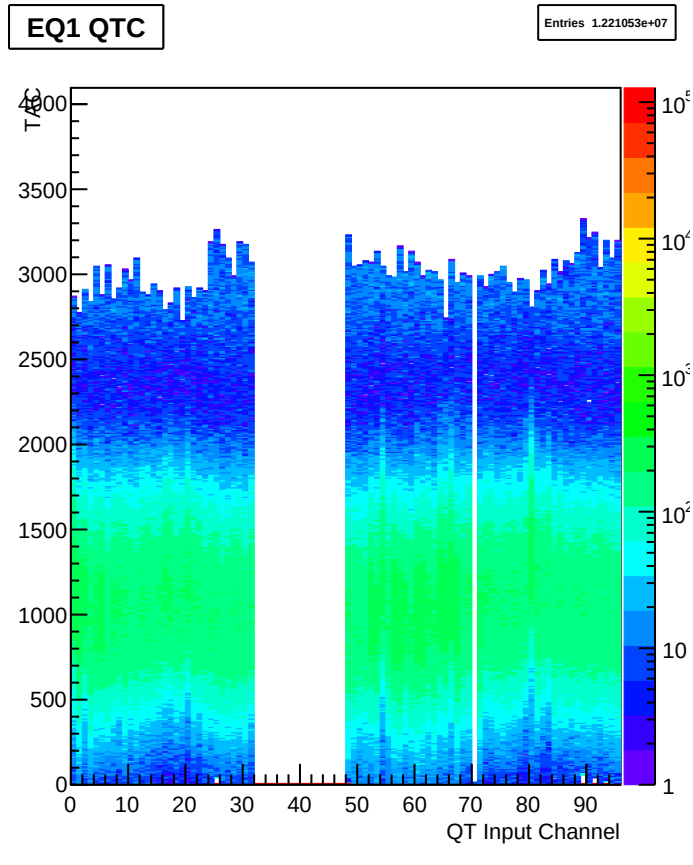

BBQ-VP002 West
Entries 2035088
ADC
QT Input Channel

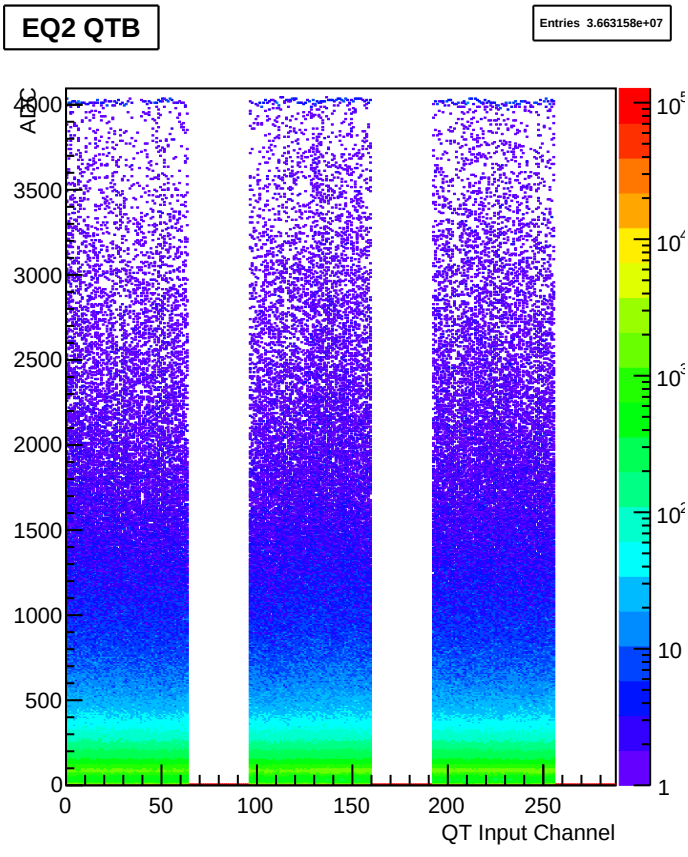

BBQ-VP002 West
Entries 2035088
TADC
QT Input Channel

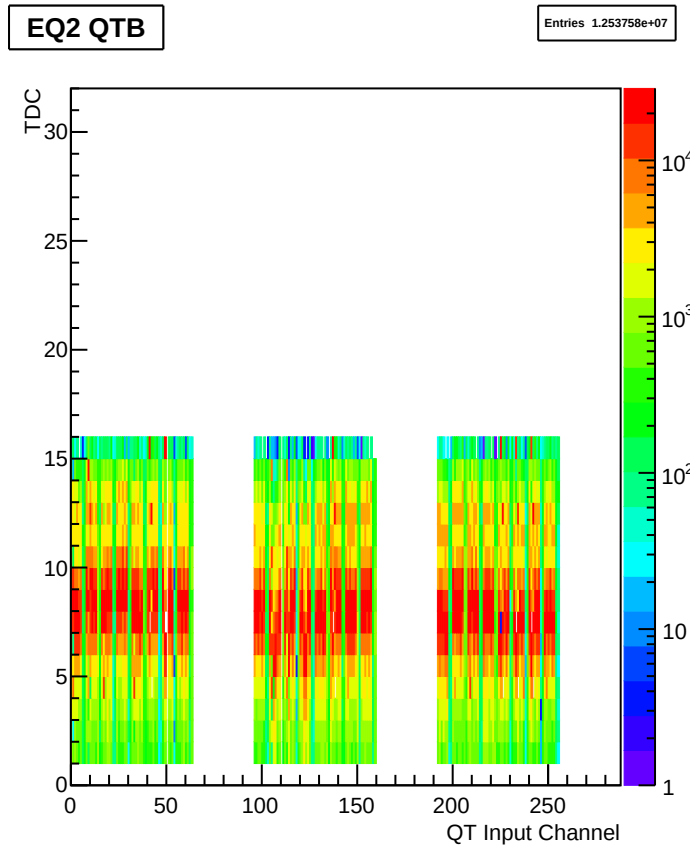

EQ1 QTB
Entries 3.663158e+07
ADC
QT Input Channel

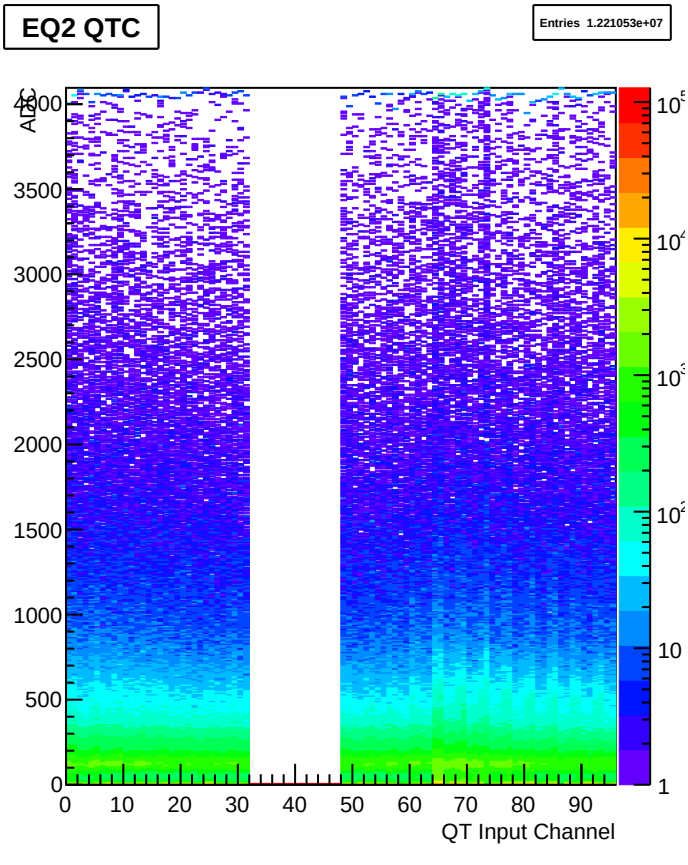

EQ1 QTB
Entries 1.306052e+07
TDC
QT Input Channel

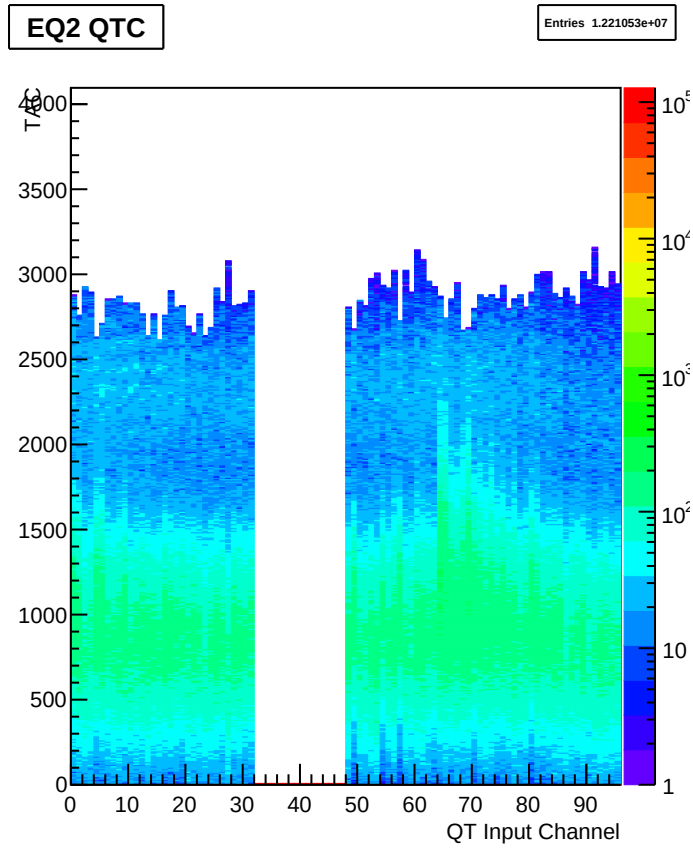

EQ1 QTC
Entries 1.221053e+07
ADC
QT Input Channel

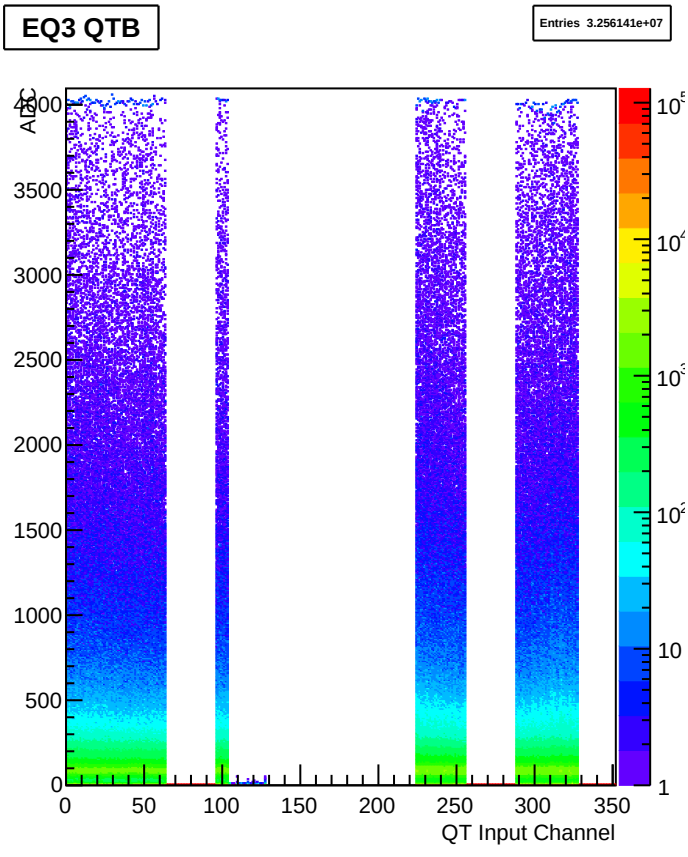

EQ1 QTC
Entries 1.221053e+07
TADC
QT Input Channel

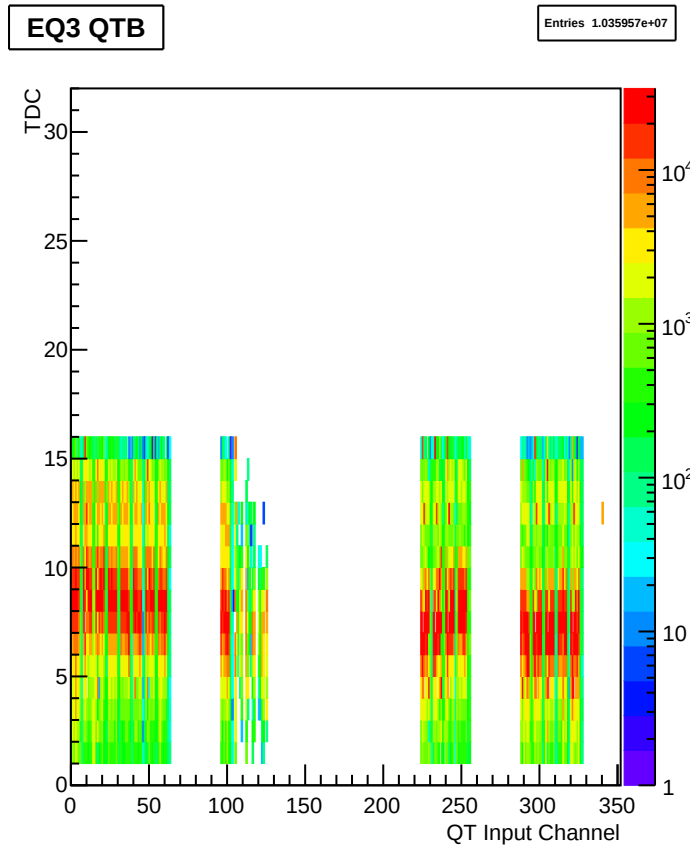

EQ2 QTB
Entries 3.663158e+07
ADC
QT Input Channel

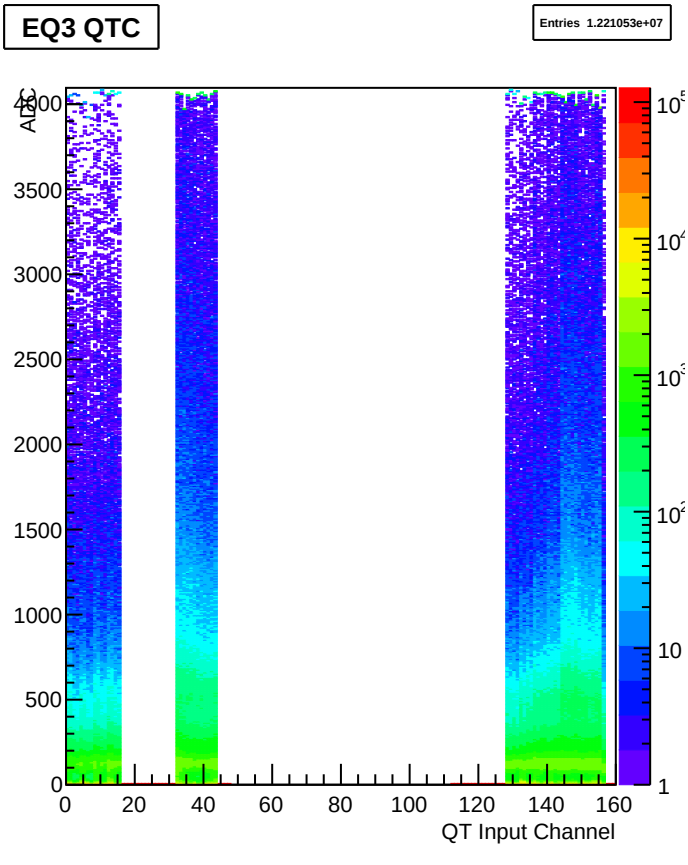

EQ2 QTB
Entries 1.253758e+07
TDC
QT Input Channel

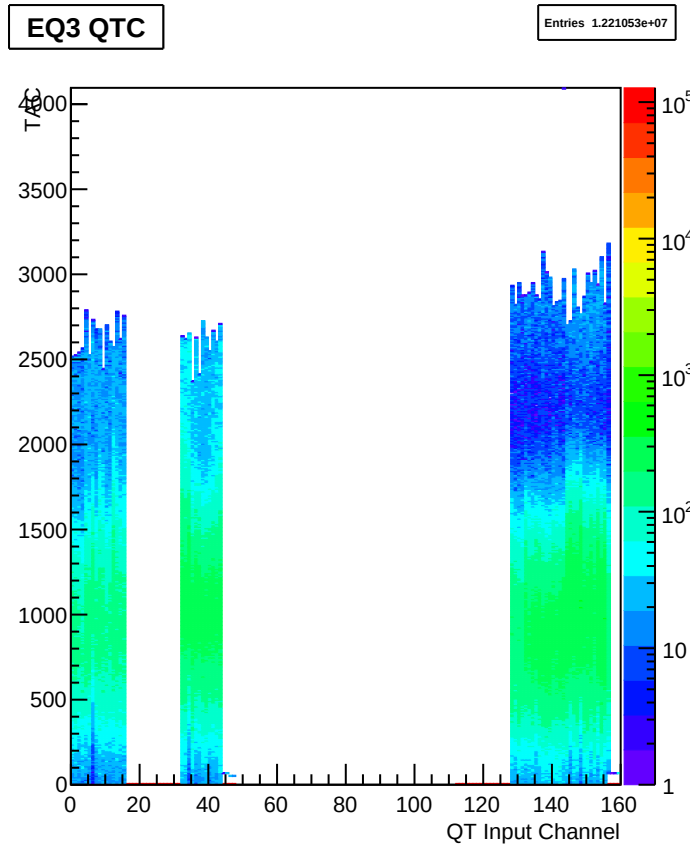

EQ2 QTC
Entries 1.221053e+07
ADC
QT Input Channel

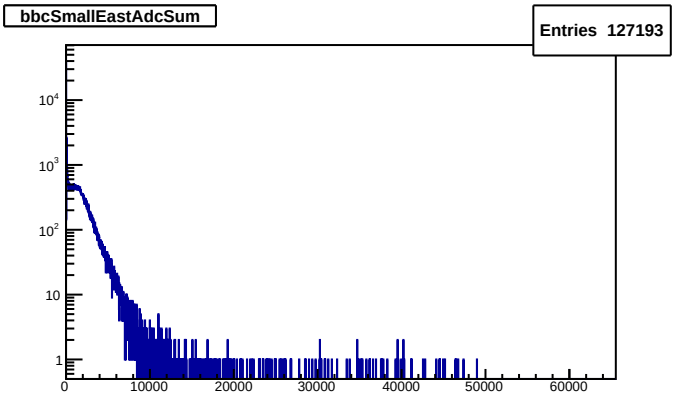

EQ2 QTC
Entries 1.221053e+07
TADC
QT Input Channel

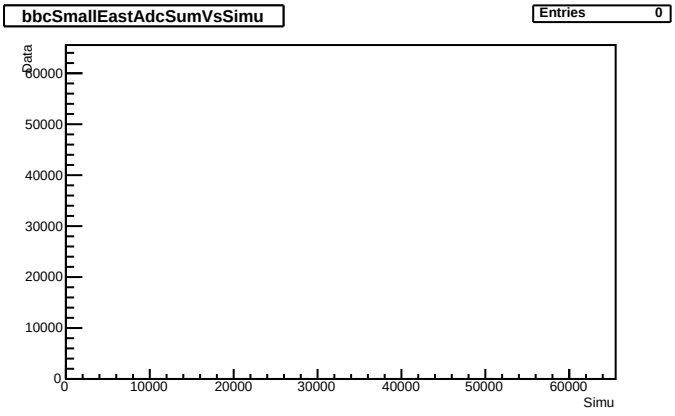

EQ3 QTB
Entries 3.256141e+07
ADC
QT Input Channel

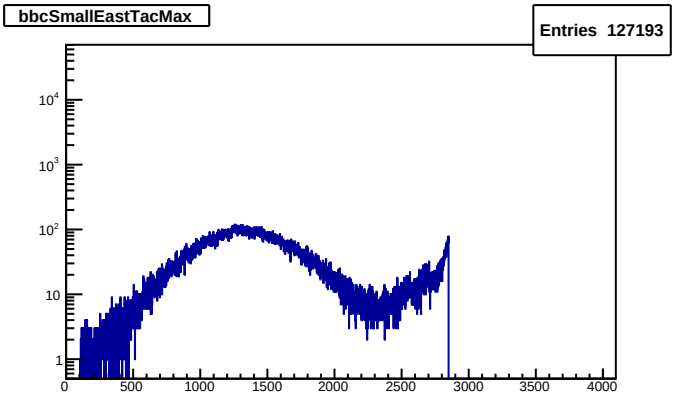

EQ3 QTB
Entries 1.035957e+07
TDC
QT Input Channel

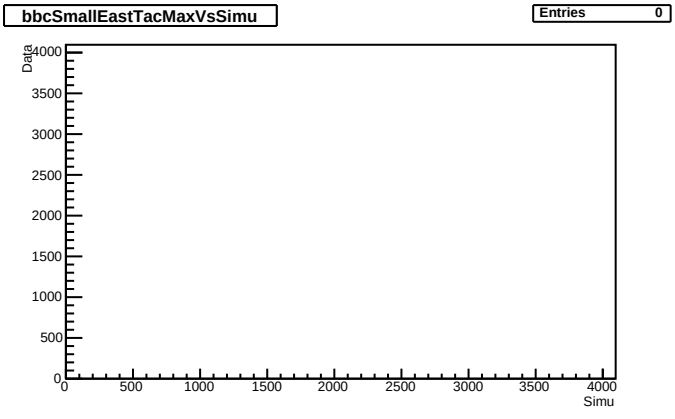

EQ3 QTC
Entries 1.221053e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.221053e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 127193


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 127193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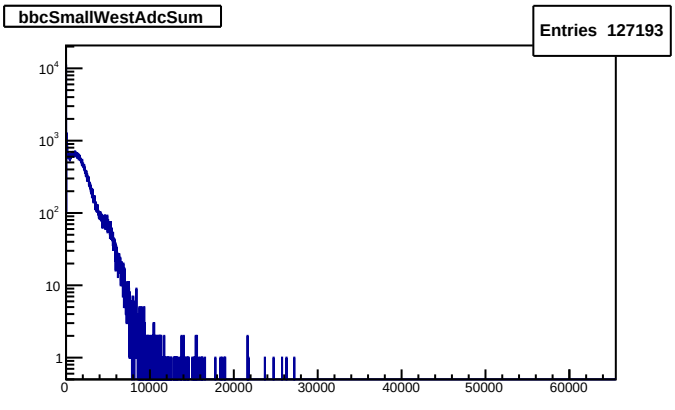
Entries 0
Data
Simu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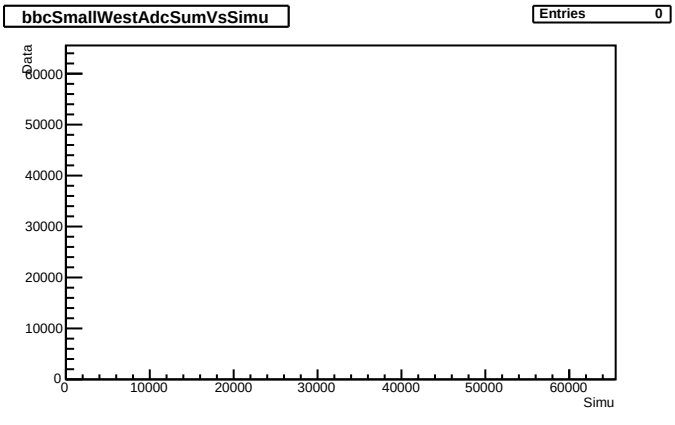
Entries 127193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Entries 0
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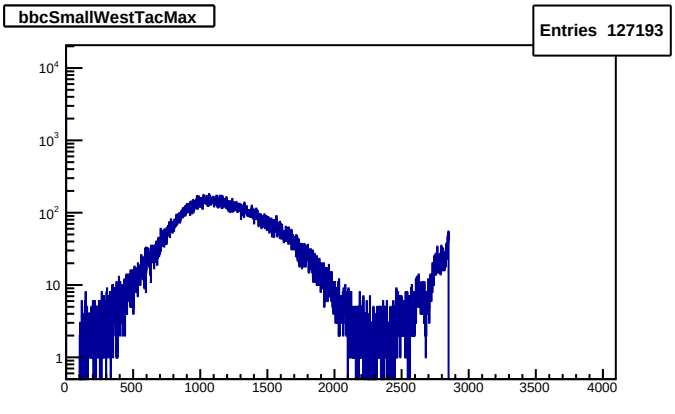
Simu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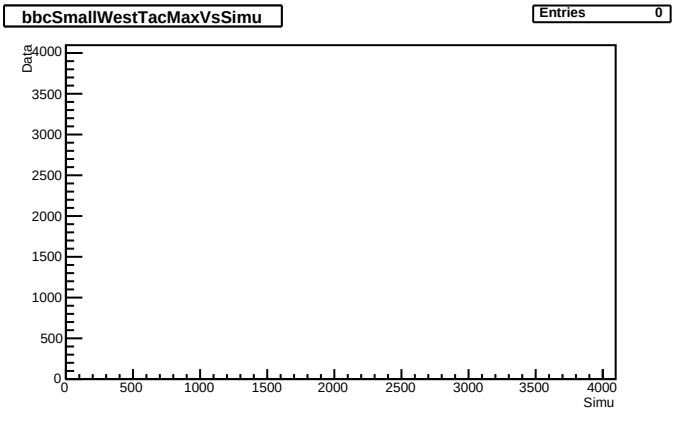
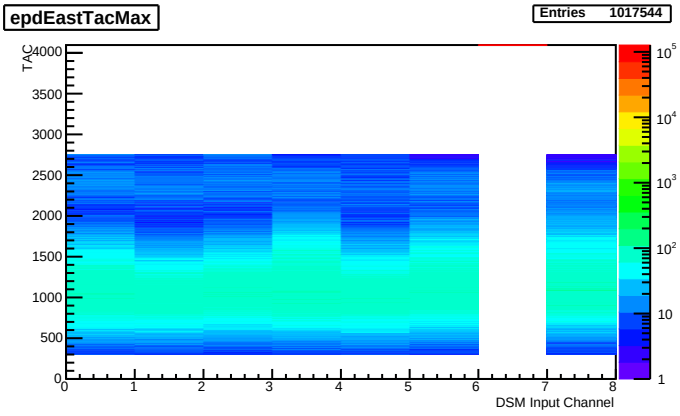
Entries 127193


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu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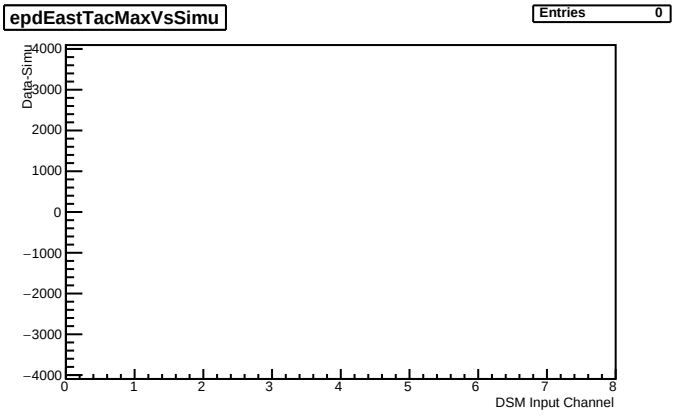
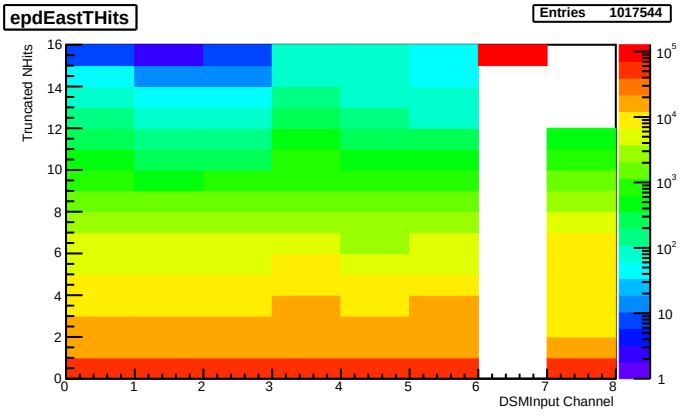
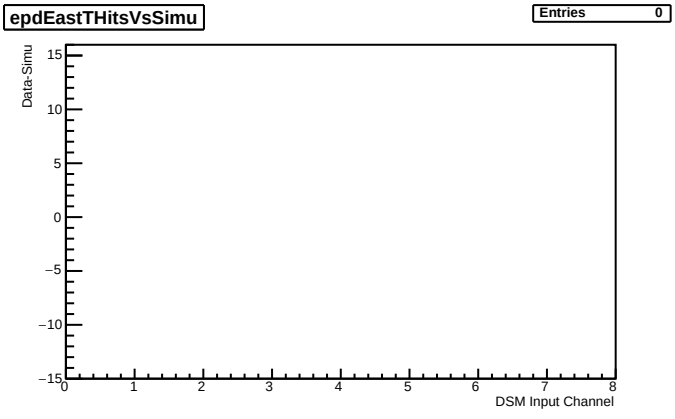
Entries 1017544
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 1017544
Truncated NHits
DSMInput Channel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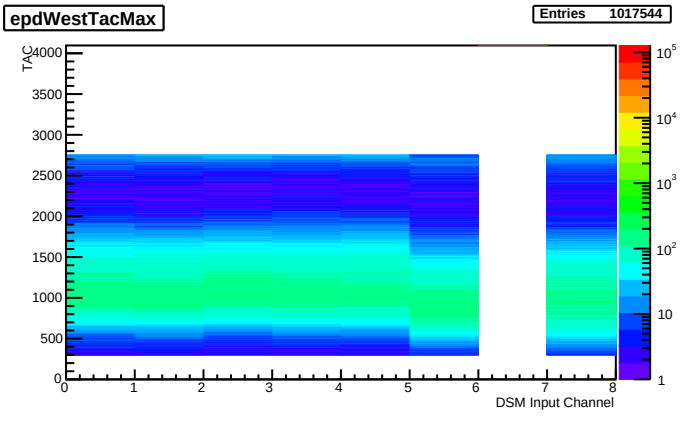
Data-Simu
DSM Input Channel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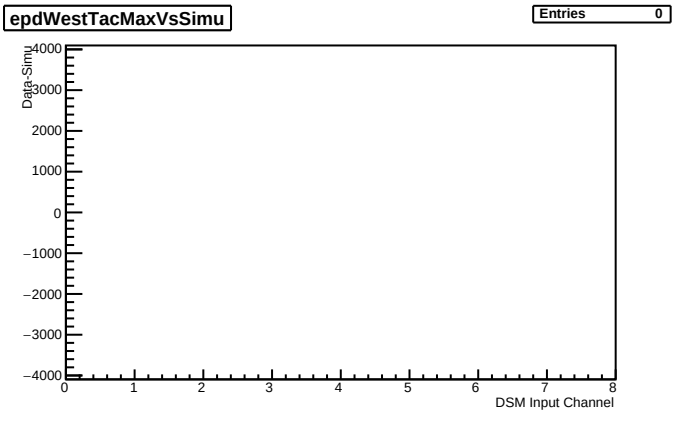
Entries 1017544
TAC
DSM Input Channel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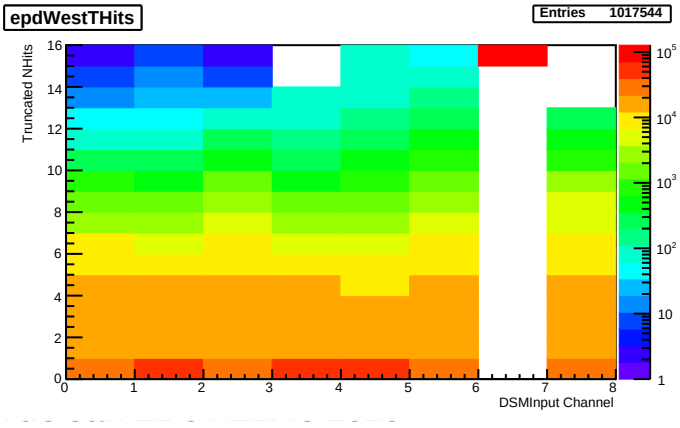
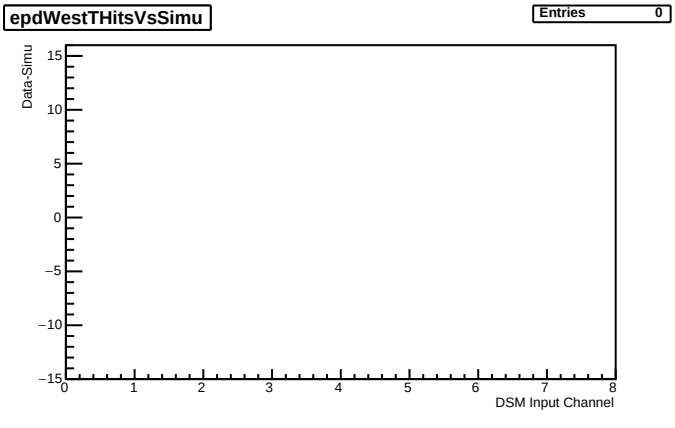
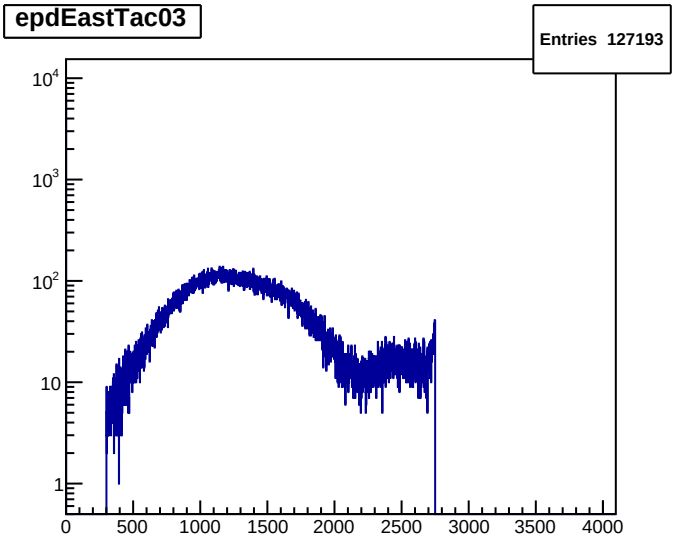
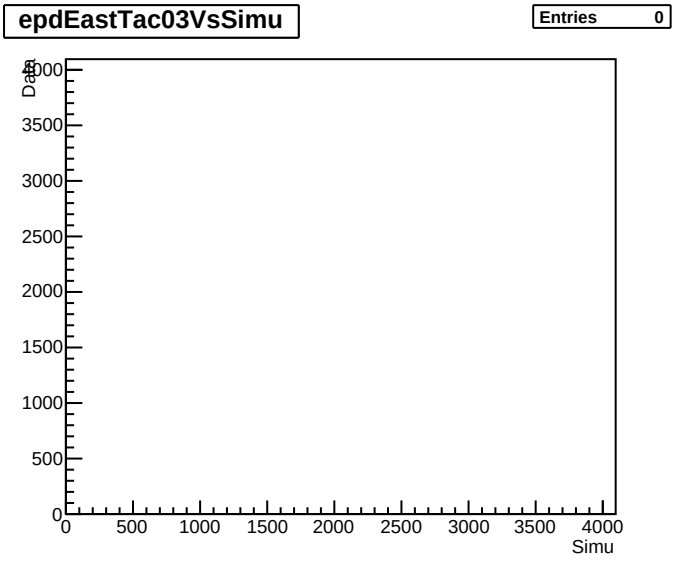
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 1017544
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 127193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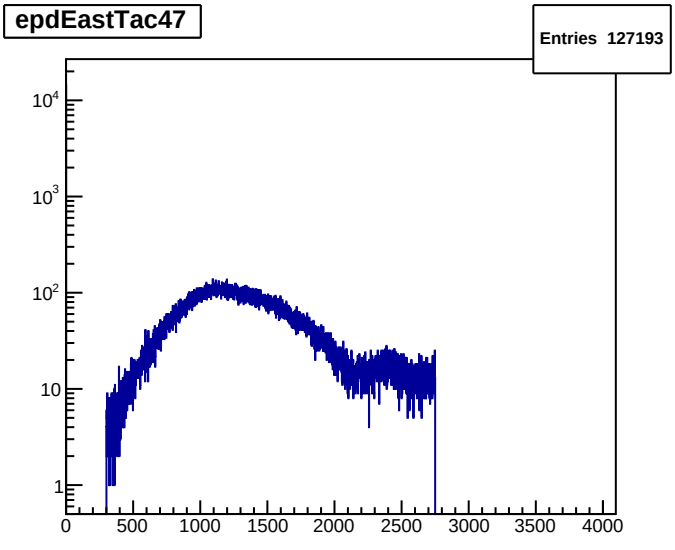
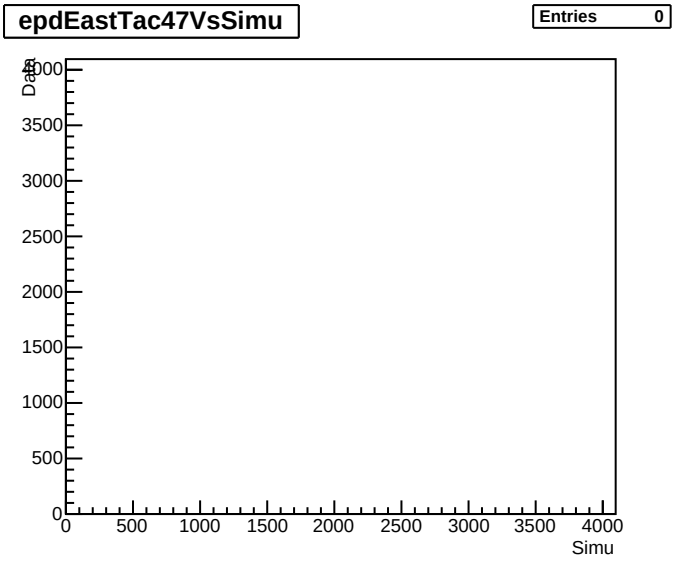
Entries 0
Data
Simu


epdEastTac47
Entries 127193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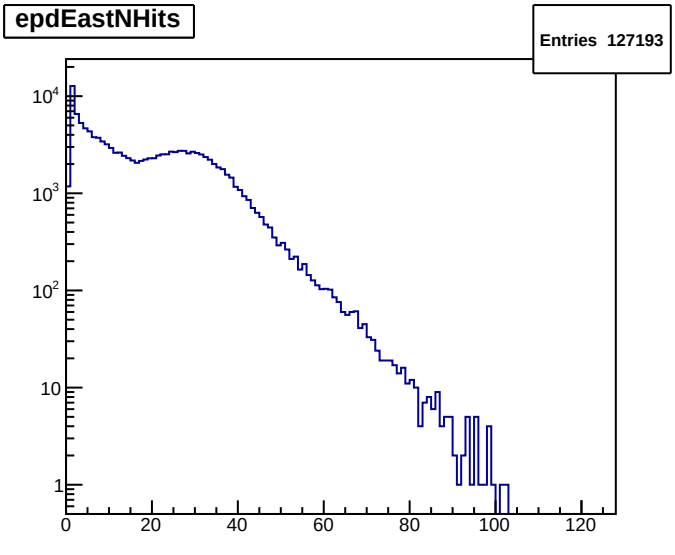
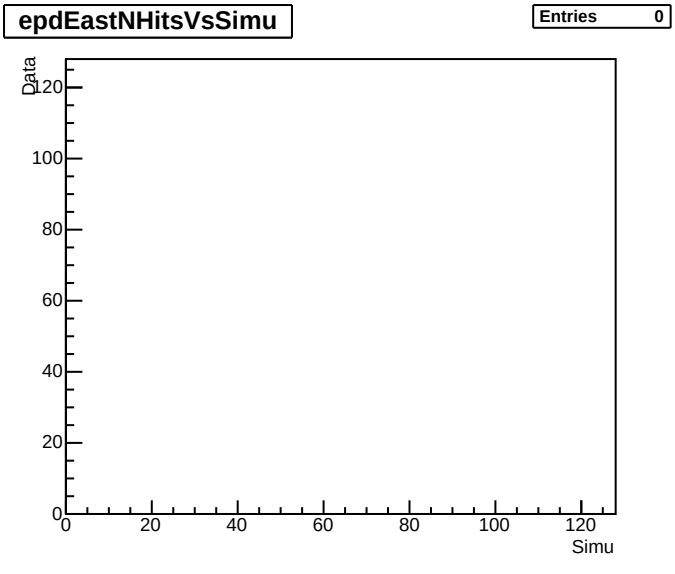
Entries 0
Data
Simu


epdEastNHits
Entries 127193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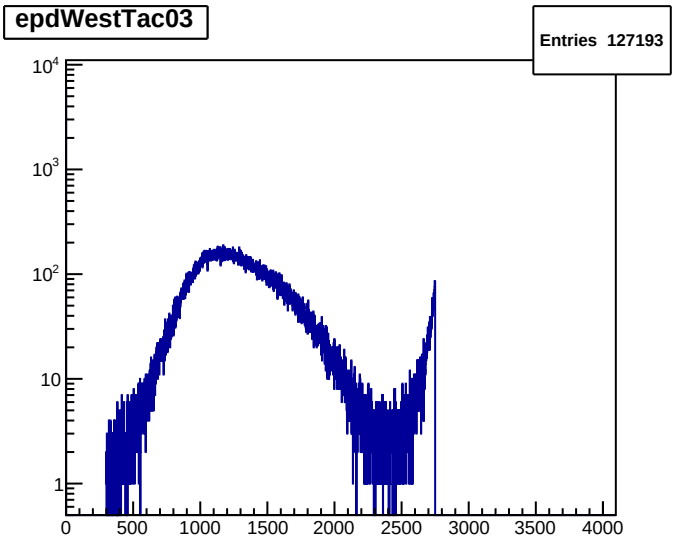
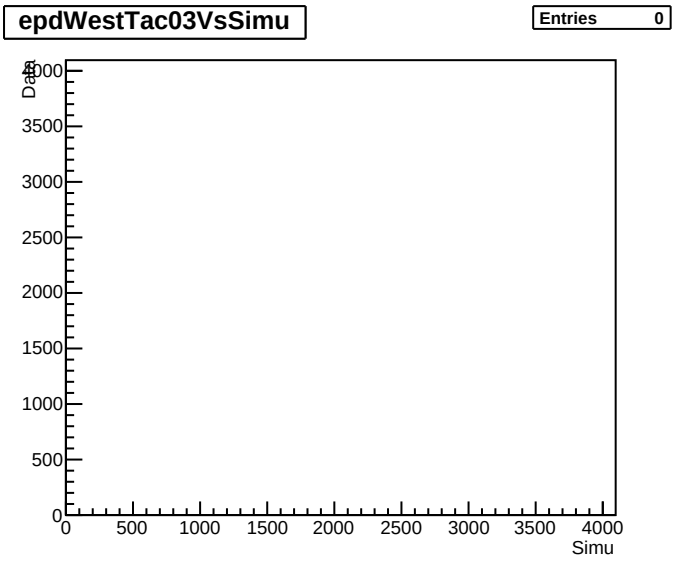
Entries 0
Data
Simu


epdWestTac03
Entries 127193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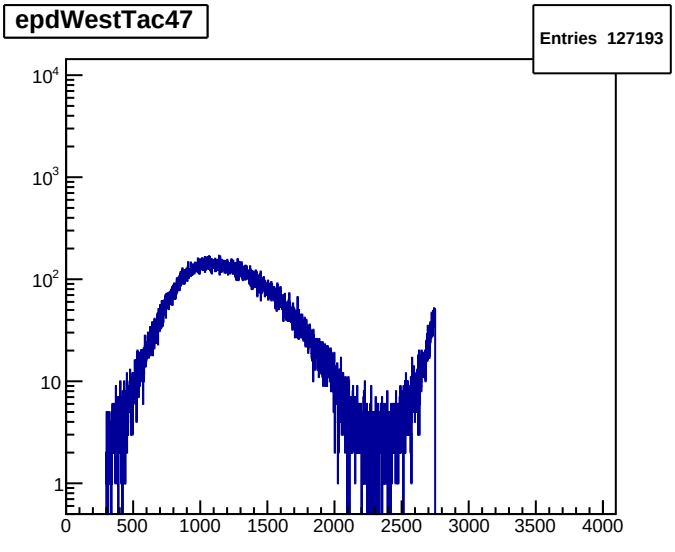
Entries 0
Data
Simu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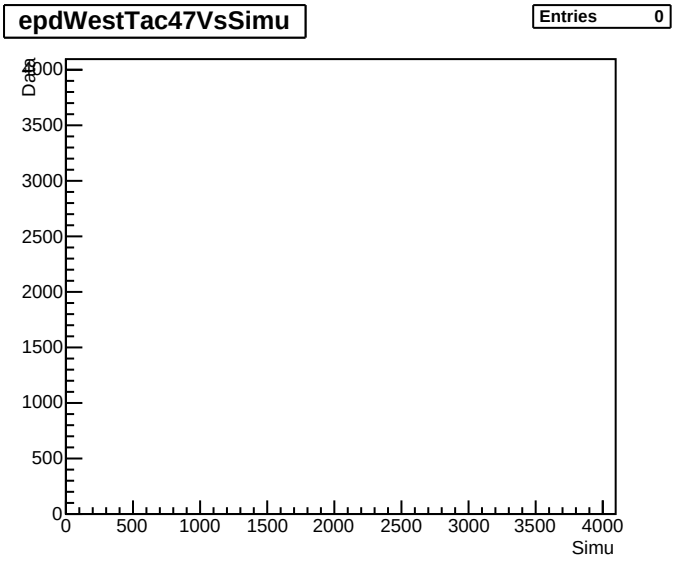
Entries 127193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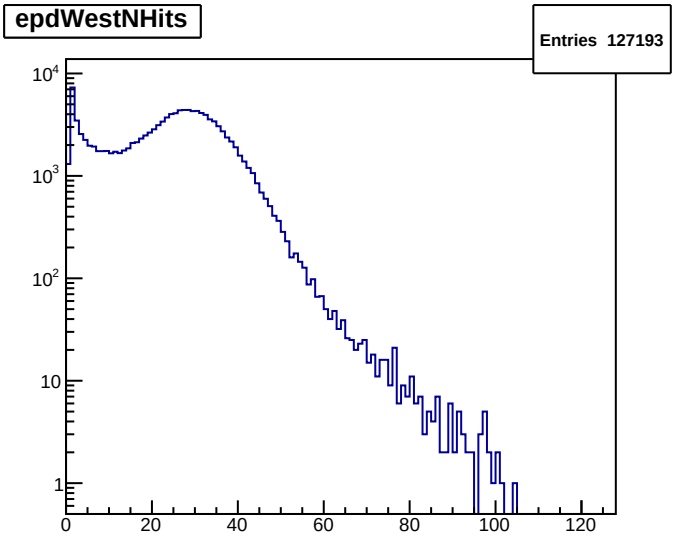
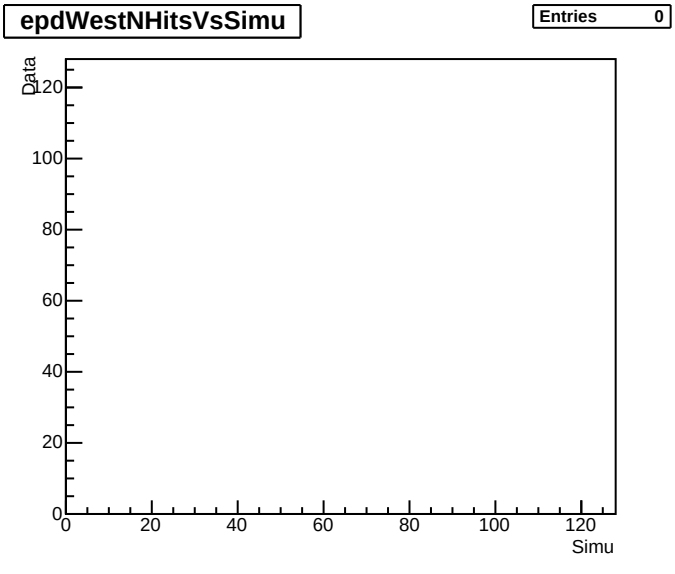
Entries 0
Data
Simu


epdWestNHits
Entries 127193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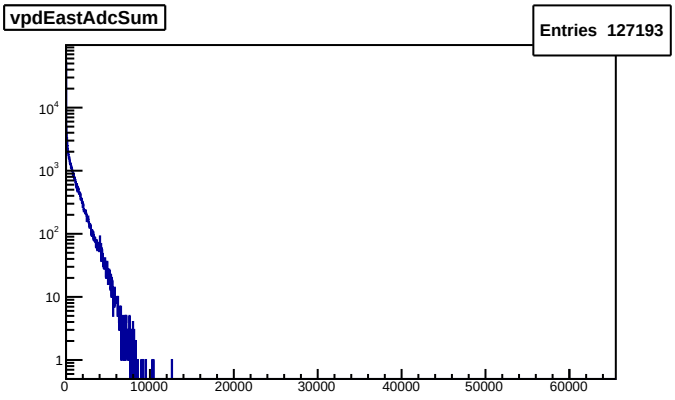
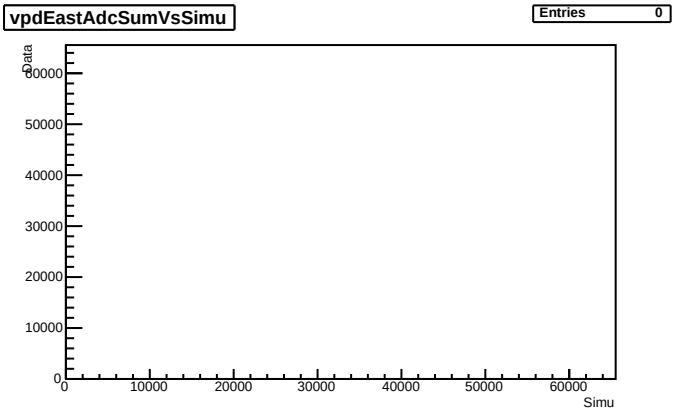
Entries 0
Data
Simu


vpdEastAdcSum
Entries 127193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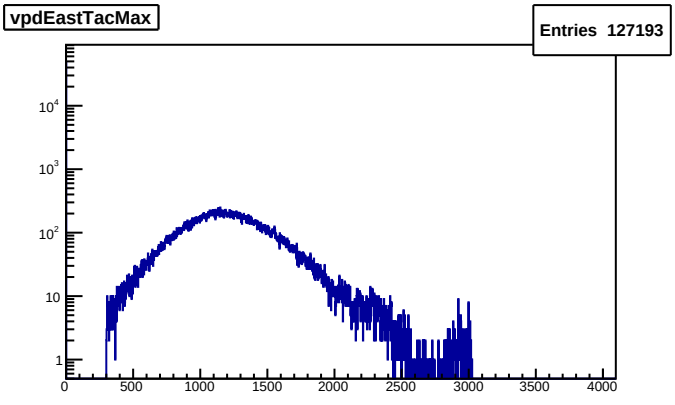
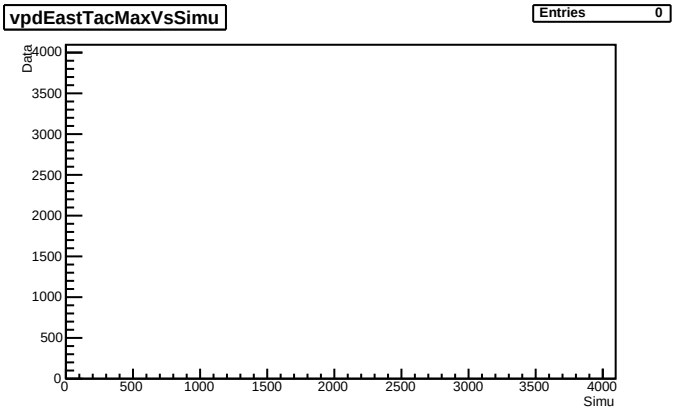
Entries 0
Data
Simu


vpdEastTacMax
Entries 127193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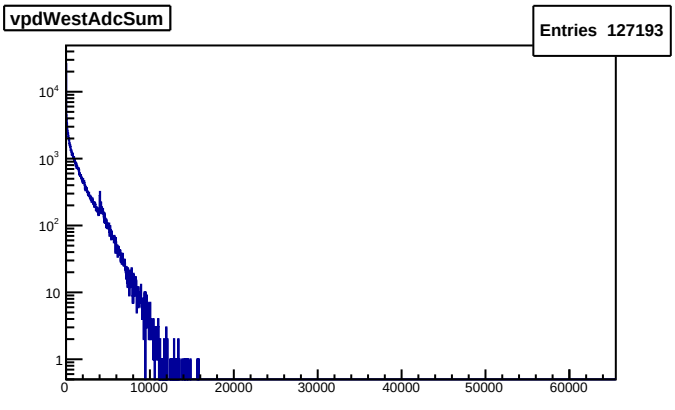
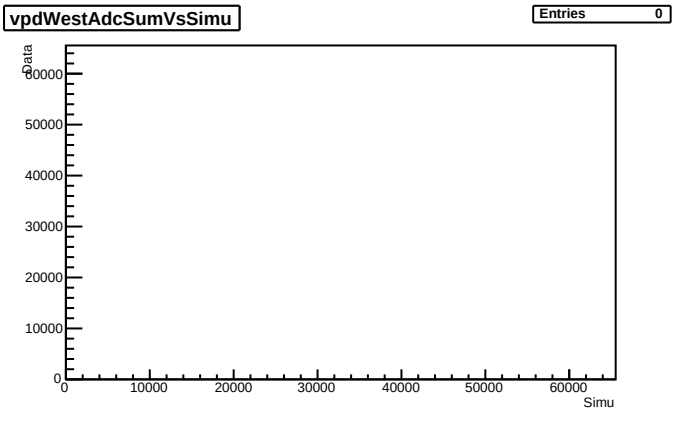
Entries 0
Data
Simu


vpdWestAdcSum
Entries 127193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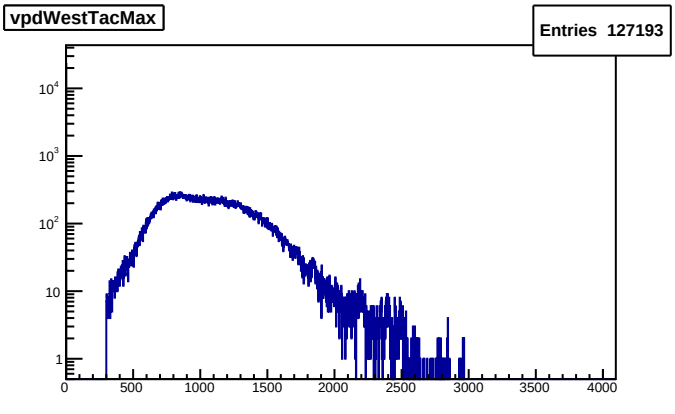
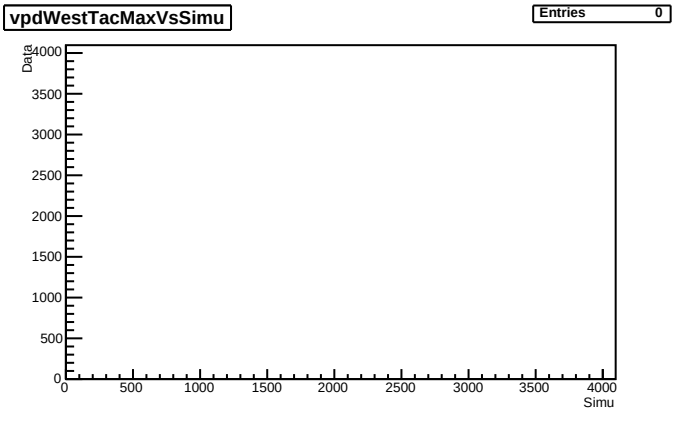
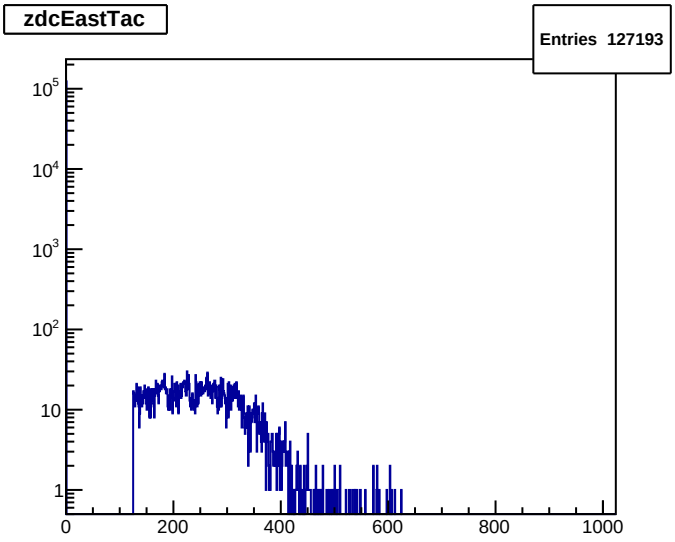
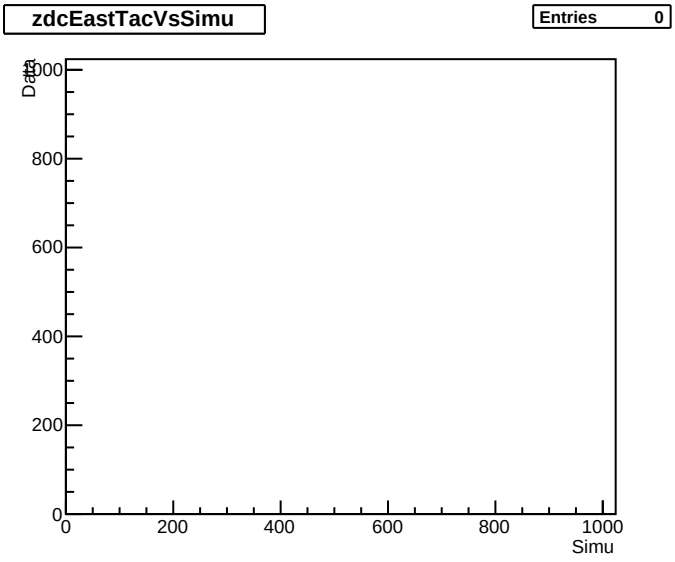
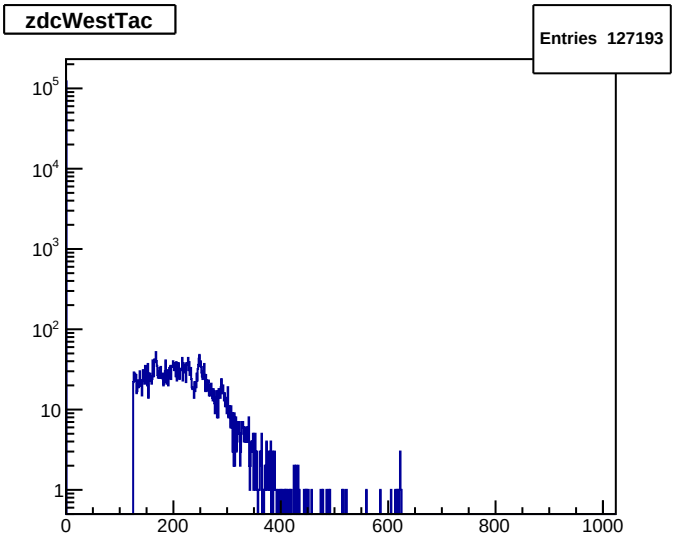
Entries 0
Data
Simu

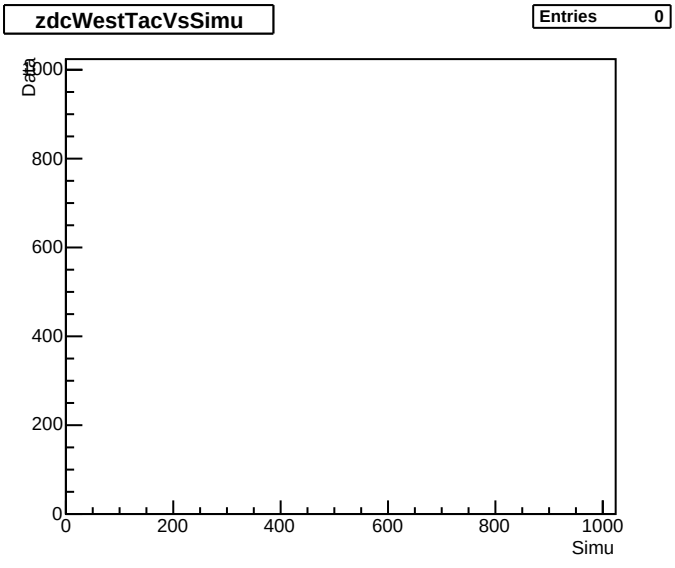

vpdWestTacMax
Entries 127193

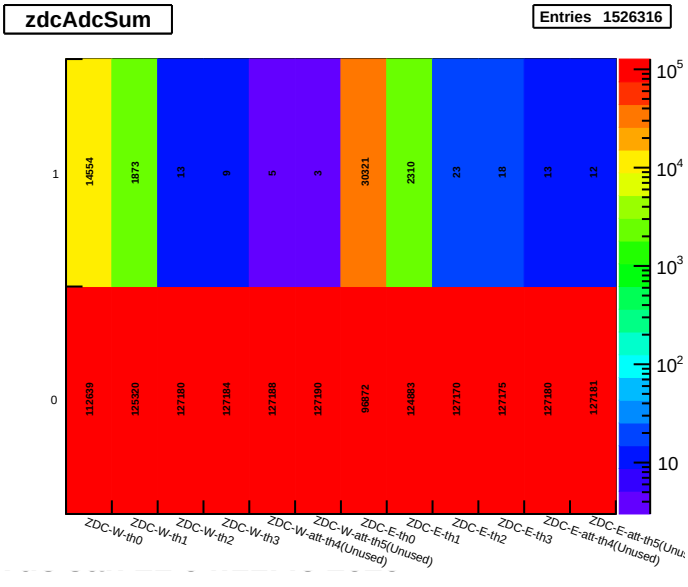

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

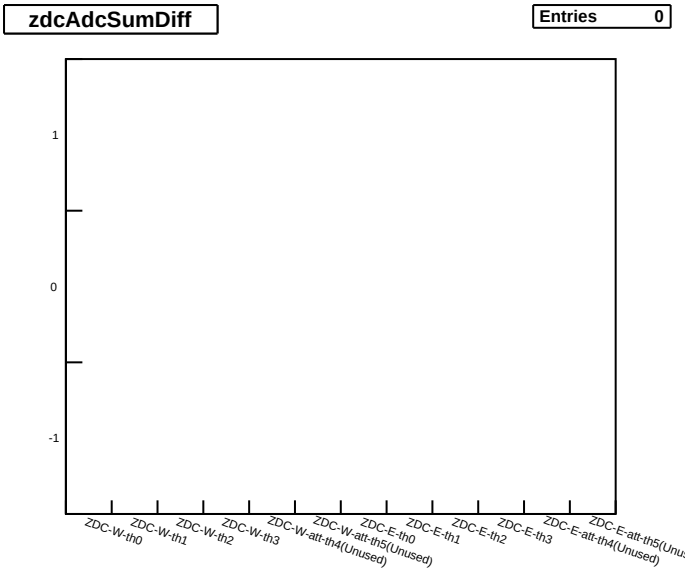

zdcEastTac
Entries 127193
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

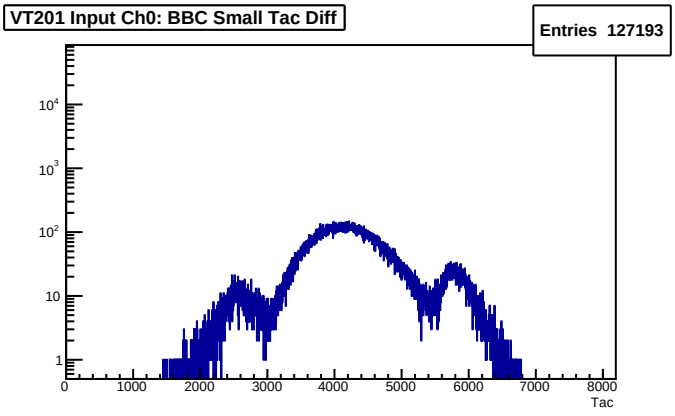

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

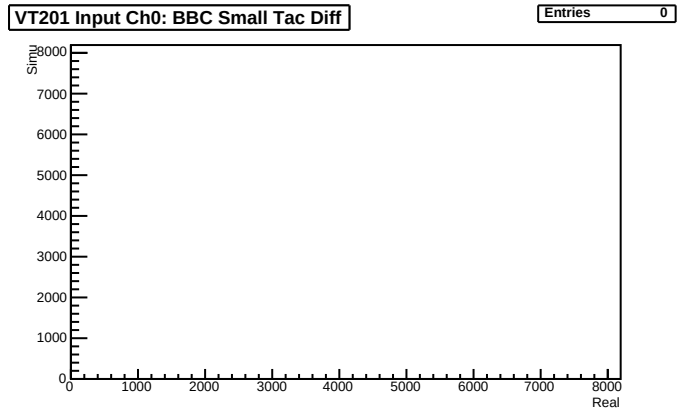

zdcWestTac
Entries 127193
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

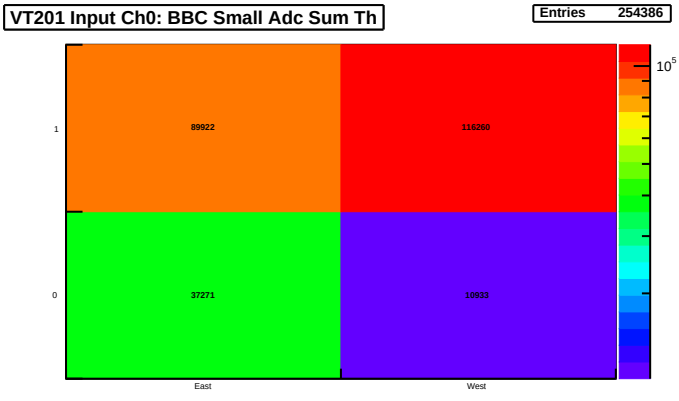

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

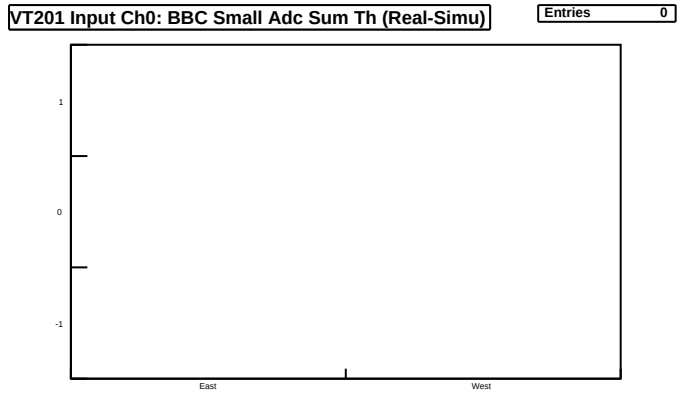

zdcAdcSum
Entries 1526316
1
0
14554
1873
13
9
5
3
30321
2310
23
18
13
12
112639
125320
127180
127184
127188
127190
96872
124883
127170
127175
127180
127181
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

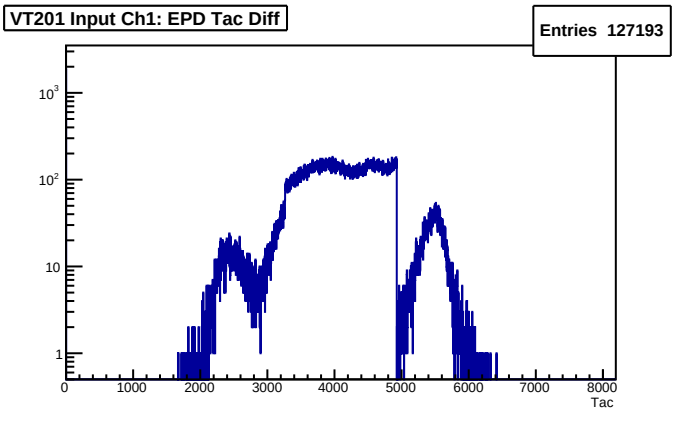

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

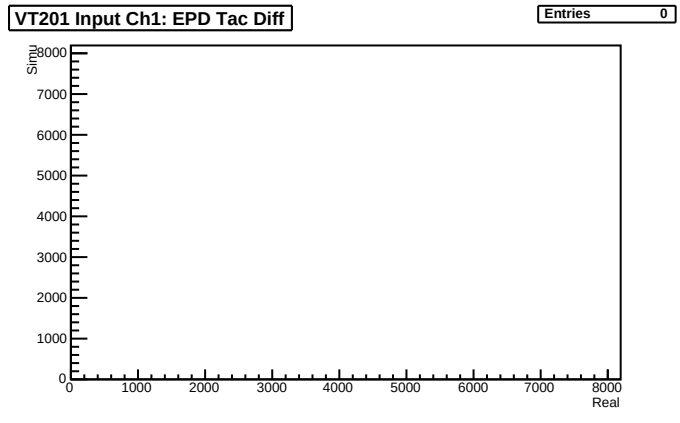

VT201 Input Ch0: BBC Small Tac Diff
Entries 127193
Tac

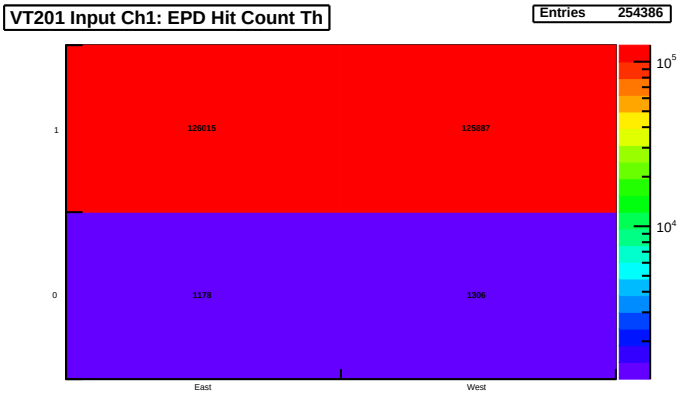

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

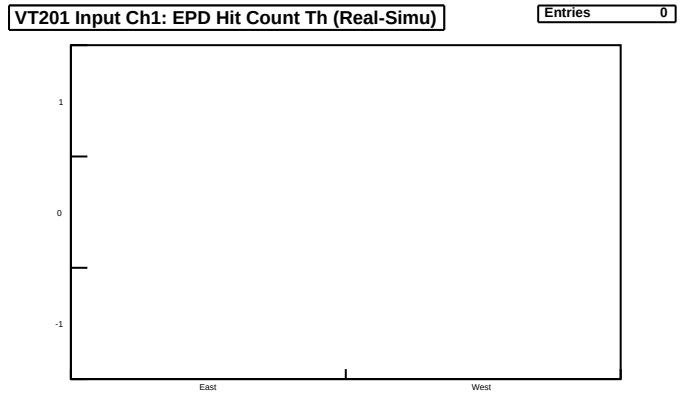

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 254386
89922
116260
37271
10933
East
West

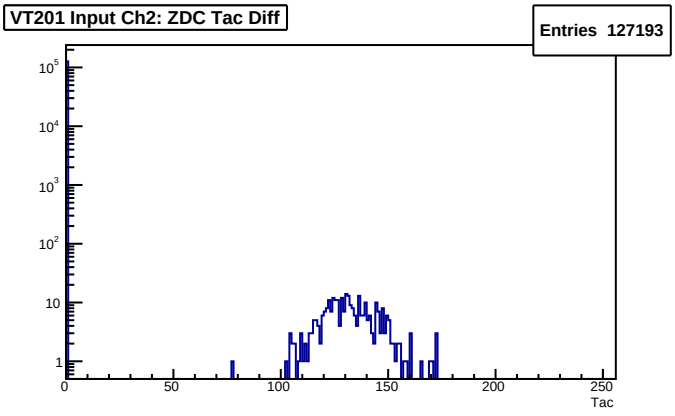

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

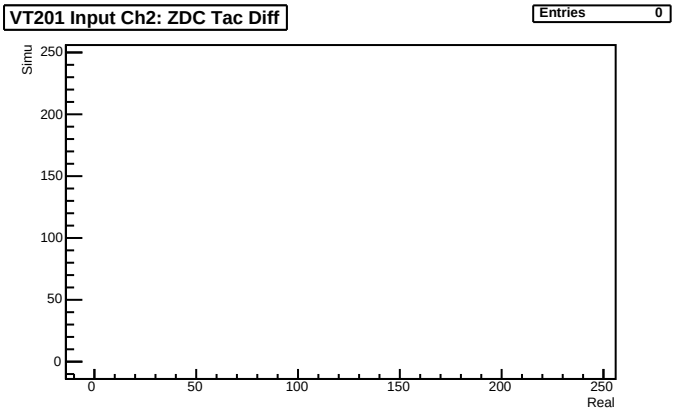

VT201 Input Ch1: EPD Tac Diff
Entries 127193
Tac

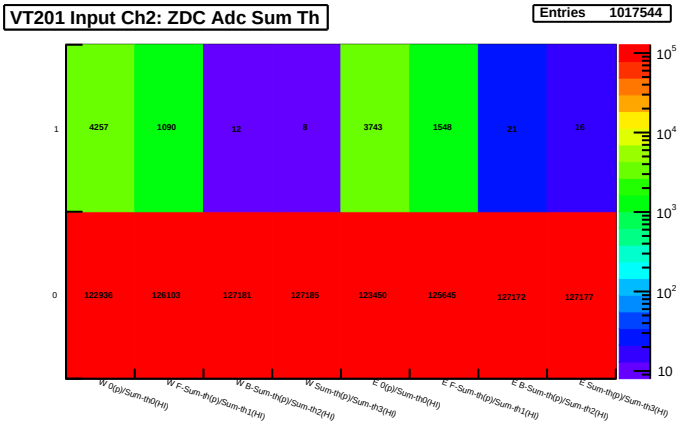

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

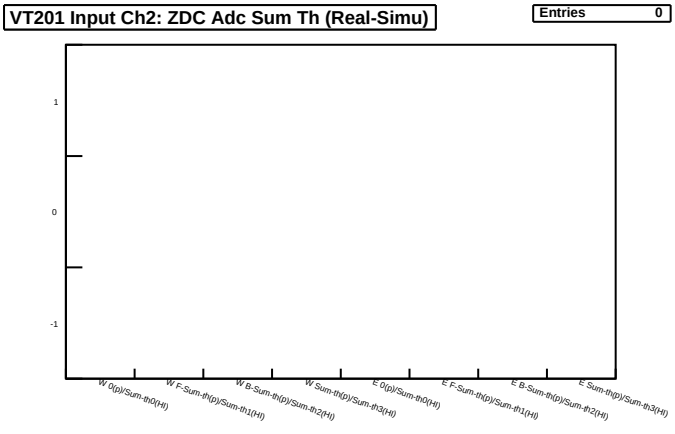

VT201 Input Ch1: EPD Hit Count Th
Entries 254386
126015
125887
1178
1306
East
West

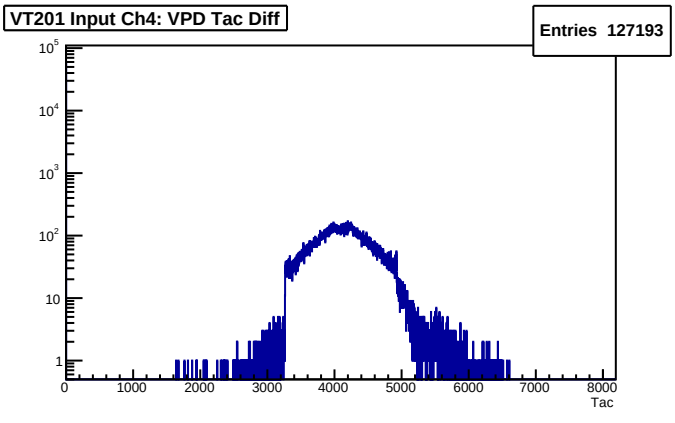

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

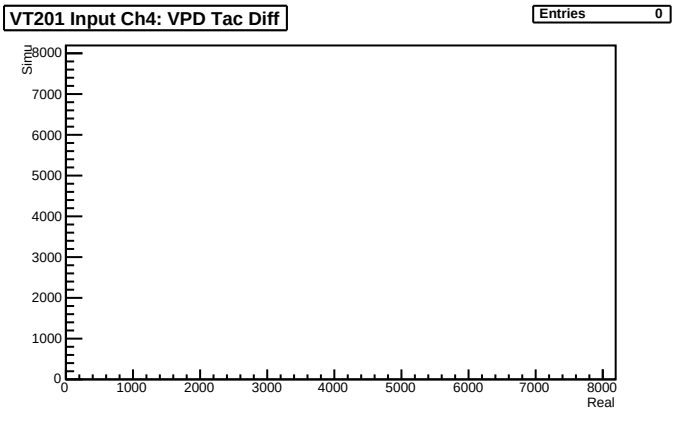

VT201 Input Ch2: ZDC Tac Diff
Entries 127193
Tac

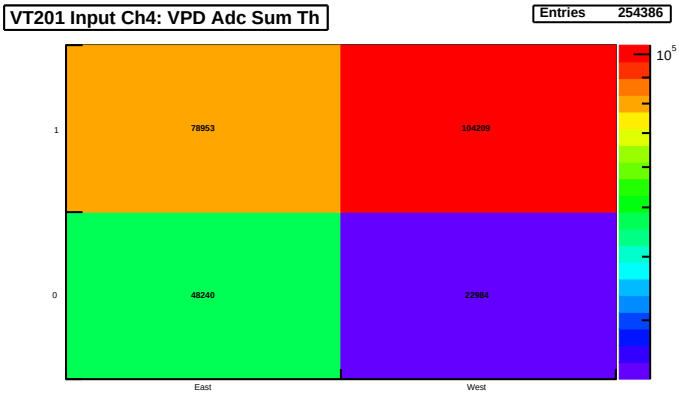

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

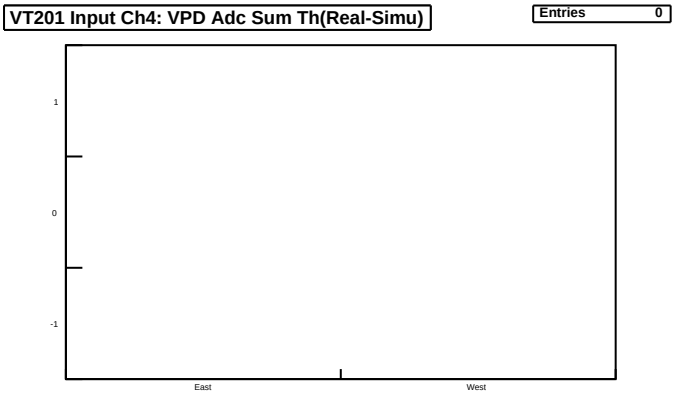

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1017544
4257
1090
12
8
3743
1548
21
16
122936
126103
127181
127185
123450
125645
127172
127177
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

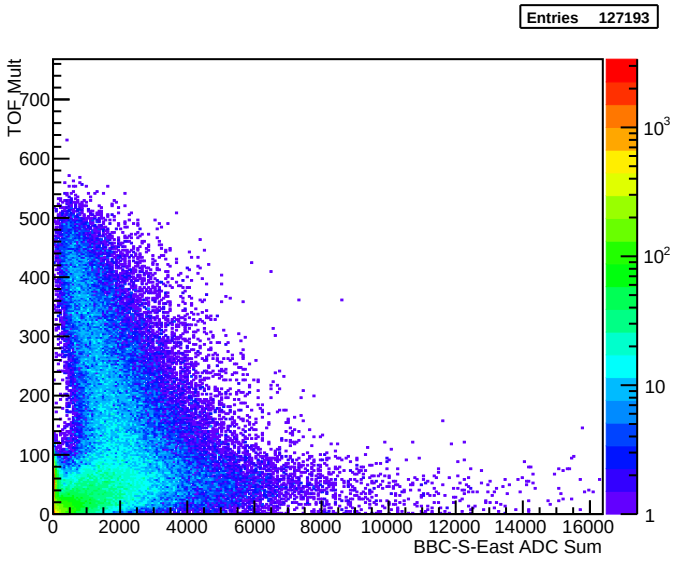

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

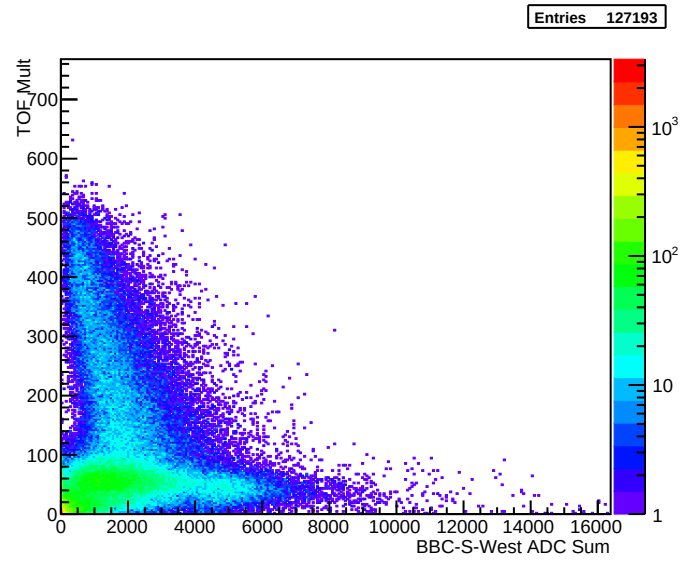

VT201 Input Ch4: VPD Tac Diff
Entries 127193
Tac

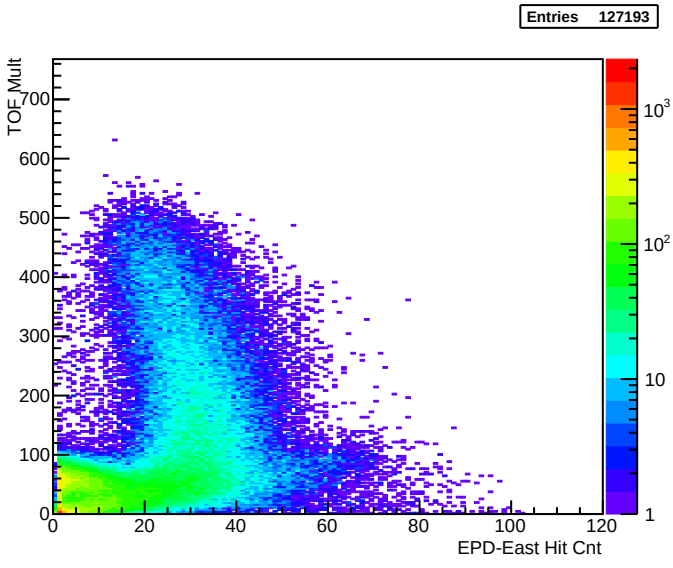

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

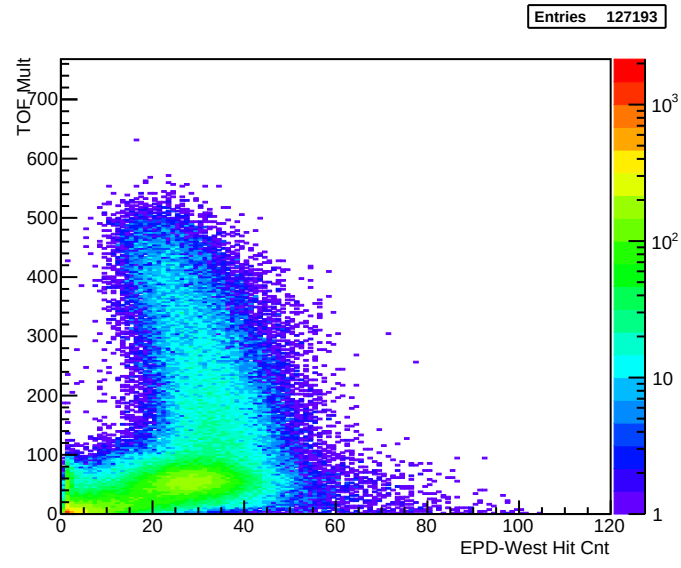

VT201 Input Ch4: VPD Adc Sum Th
Entries 254386
78953
104209
48240
22984
East
West

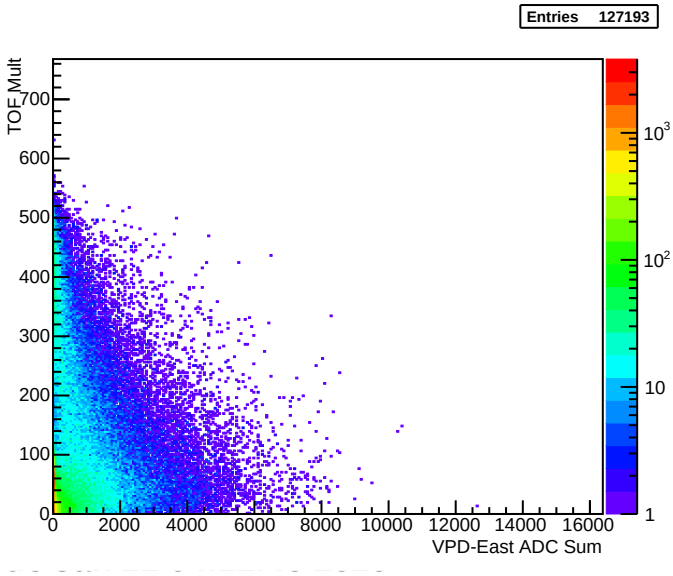

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

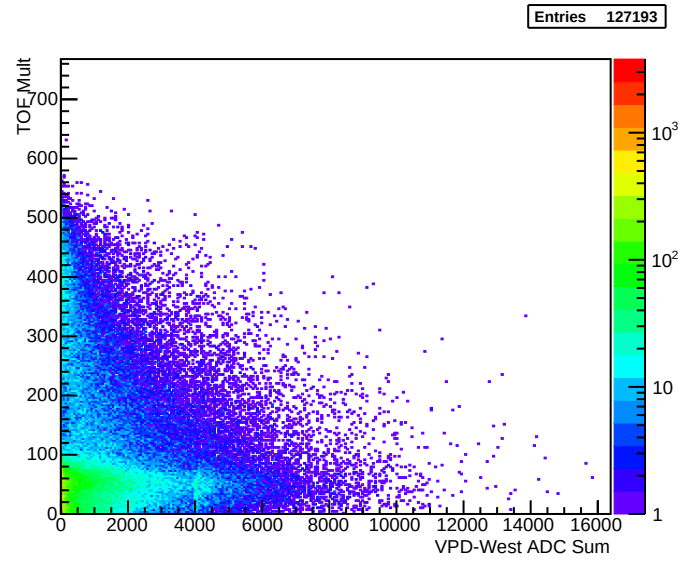

Entries 127193
TOF_Mult
BBC-S-East ADC Sum

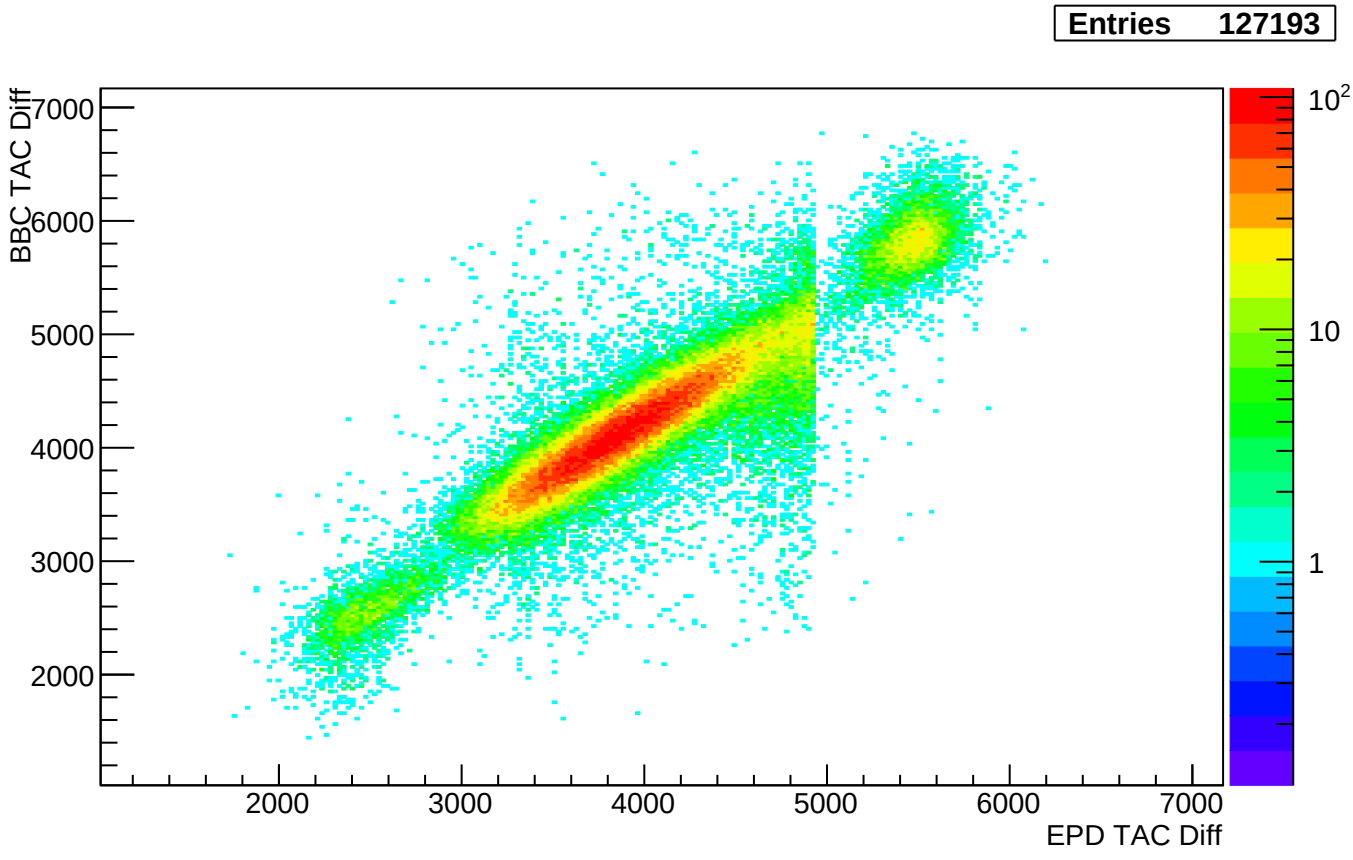

Entries 127193
TOF_Mult
BBC-S-West ADC Sum

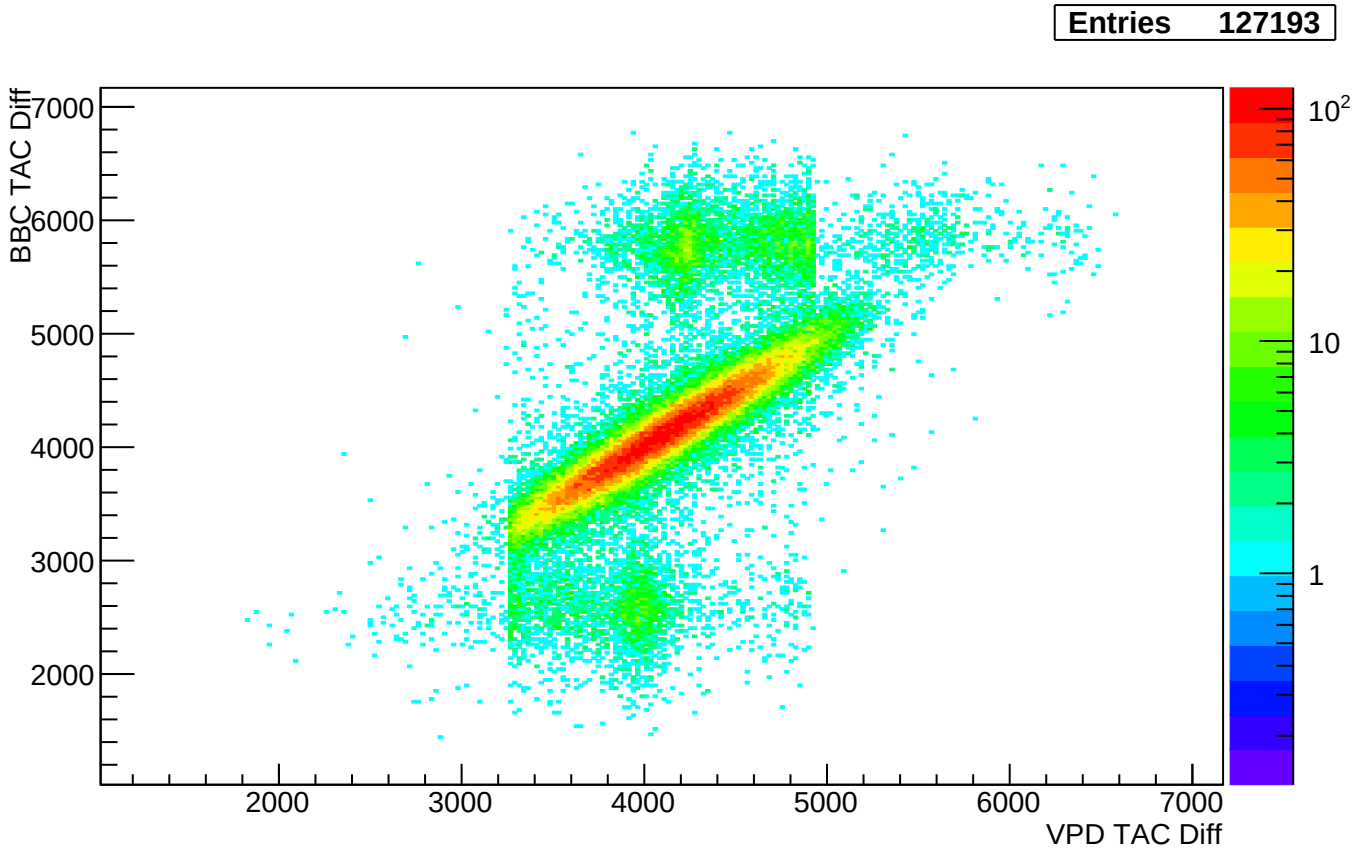

Entries 127193
TOF_Mult
EPD-East Hit Cnt

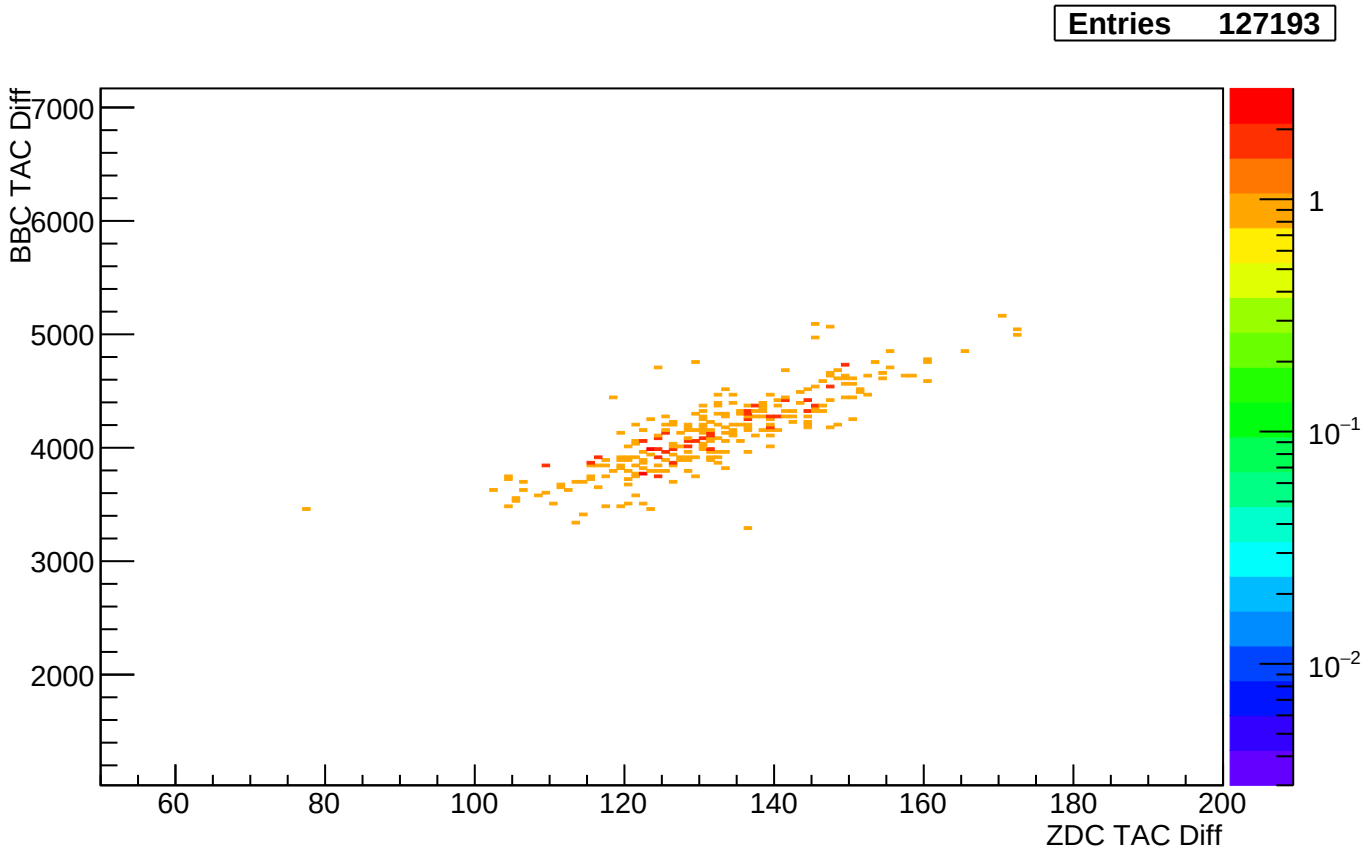

Entries 127193
TOF_Mult
EPD-West Hit Cnt

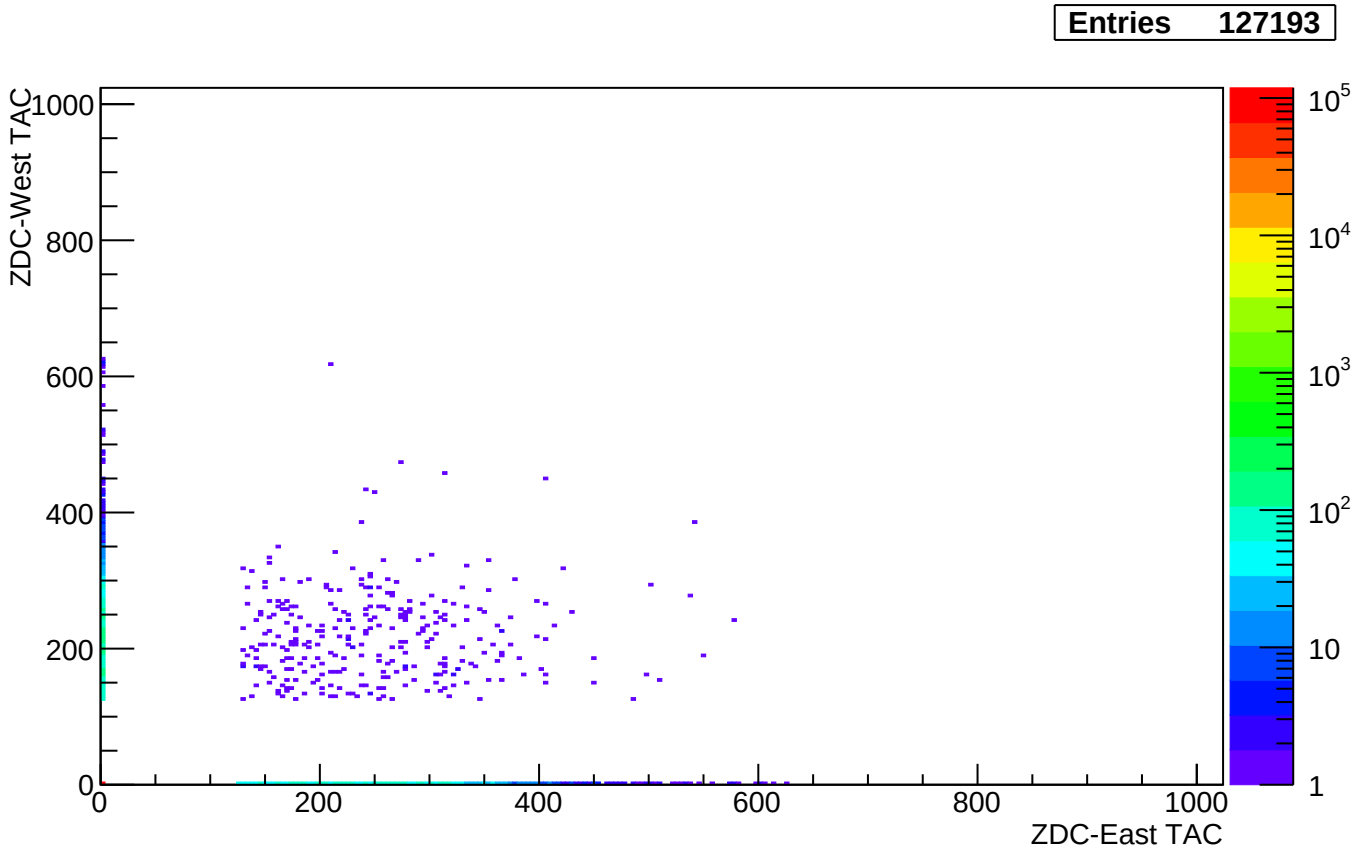

Entries 127193
TOF_Mult
VPD-East ADC Sum

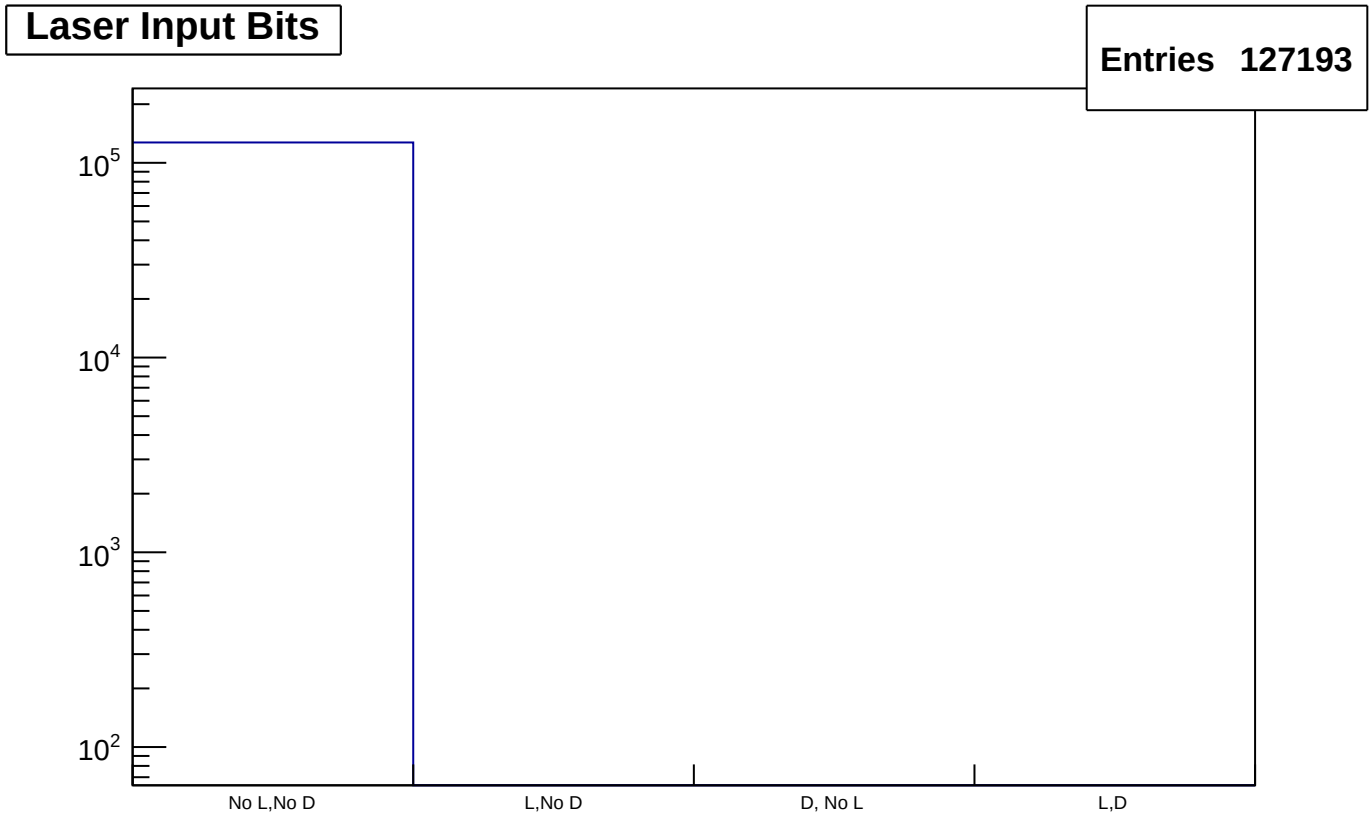

Entries 127193
TOF_Mult
VPD-West ADC Sum

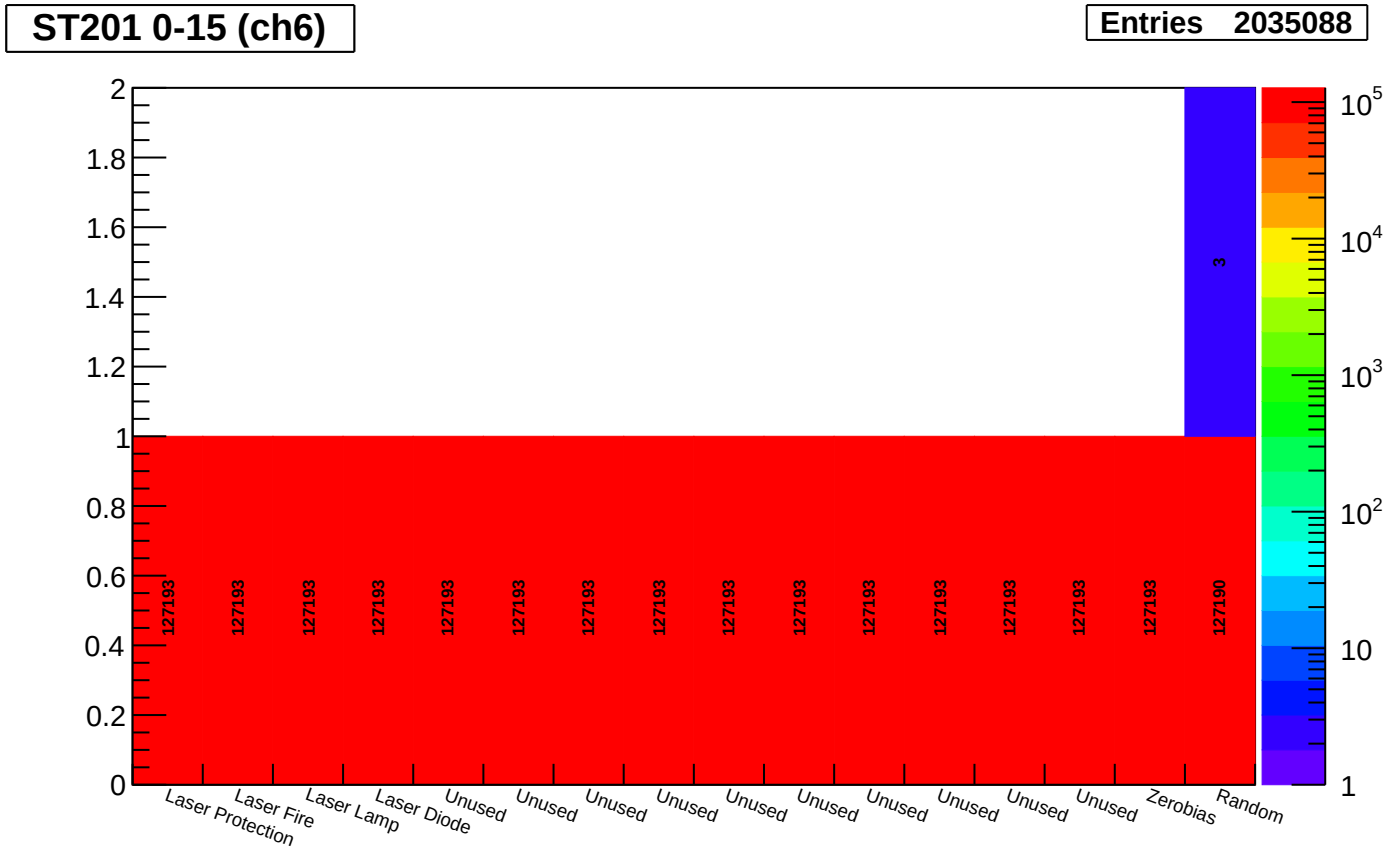

Entries 127193
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

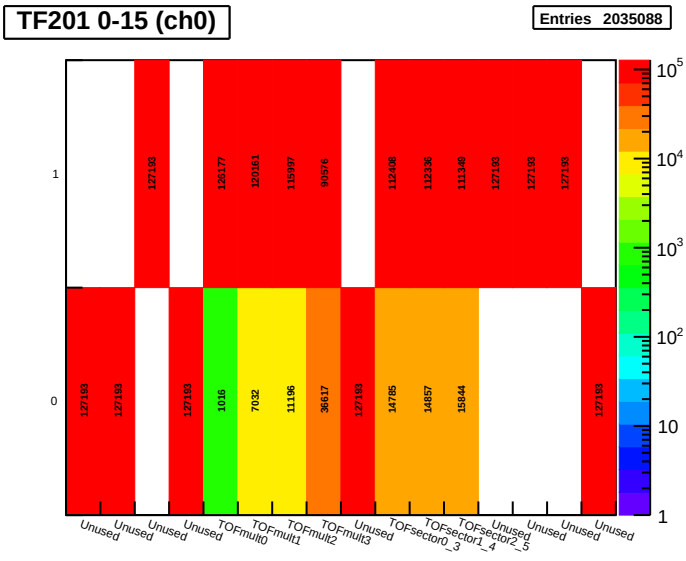

Entries 127193
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

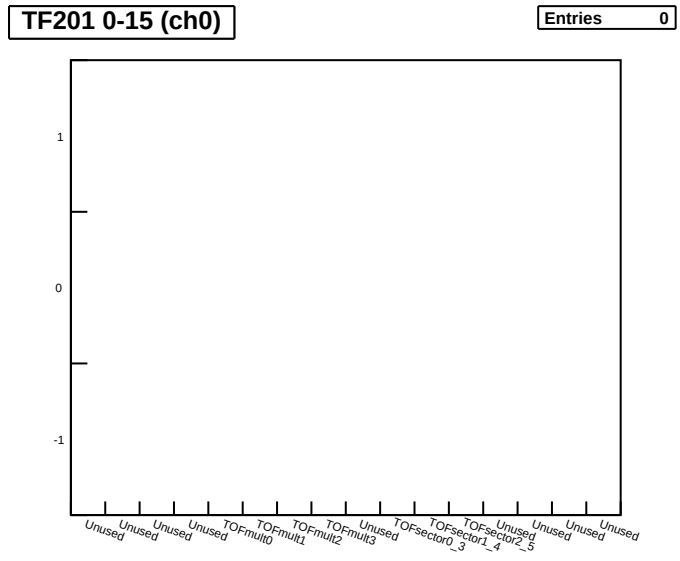

Entries 127193
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

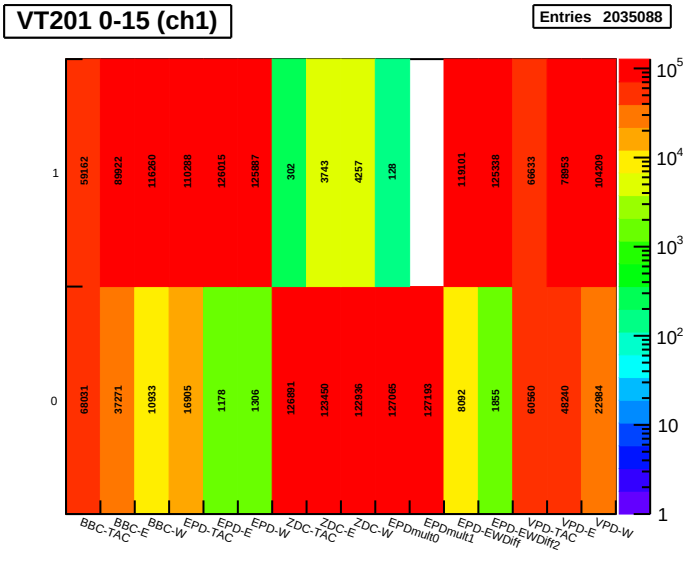

Entries 127193
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

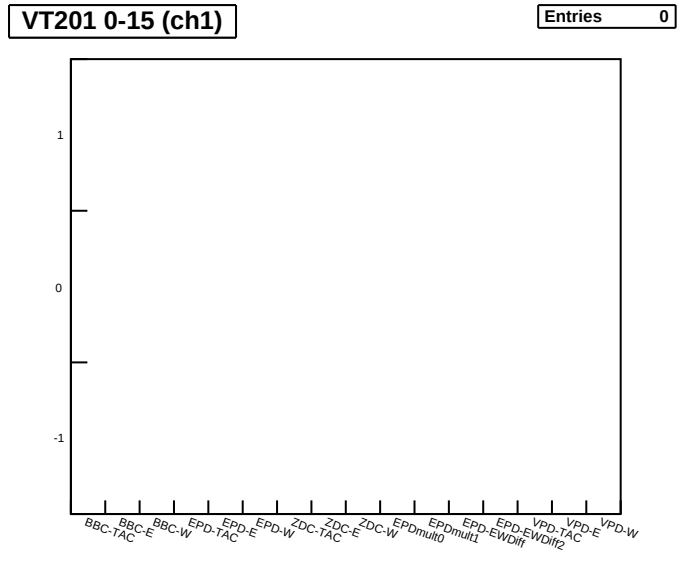

Laser Input Bits
Entries 127193
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

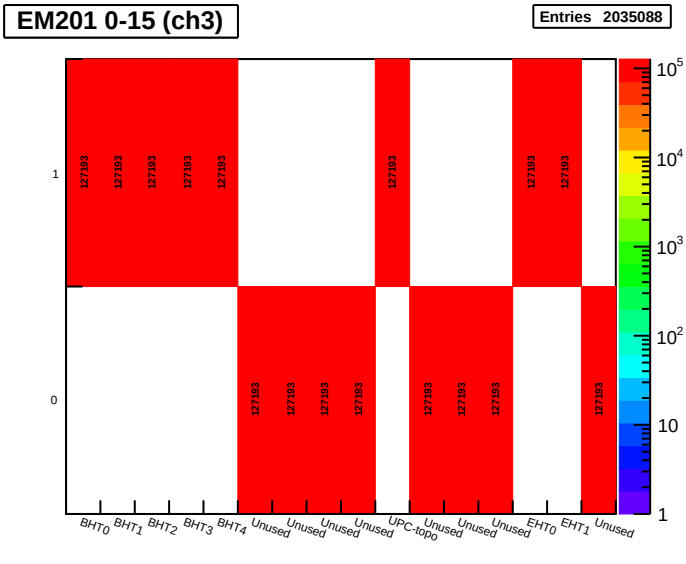

ST201 0-15 (ch6)
Entries 2035088
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
127193
127193
127193
127193
127193
127193
127193
127193
127193
127193
127193
127193
127193
127193
127193
127190
3
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

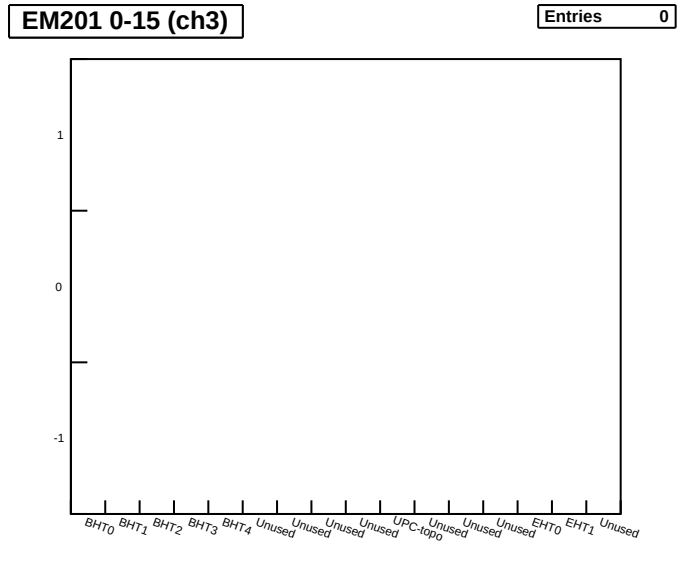

TF201 0-15 (ch0)
Entries 2035088
1
0
127193 126177 120161 115997 90576 112408 112336 111349 127193 127193 127193
127193 127193 127193 1016 7032 11196 36617 127193 14785 14857 15844 127193
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 2035088
1
0
59162 89922 116260 110288 126015 125887 302 3743 4257 128 119101 125388 66533 78953 104309
68031 37271 10933 16905 1178 1306 126891 123450 122936 127065 127193 8092 1855 60560 48240 22984
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 2035088
1
0
127193 127193 127193 127193 127193 127193 127193 127193
127193 127193 127193 127193 127193 127193 127193 127193
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