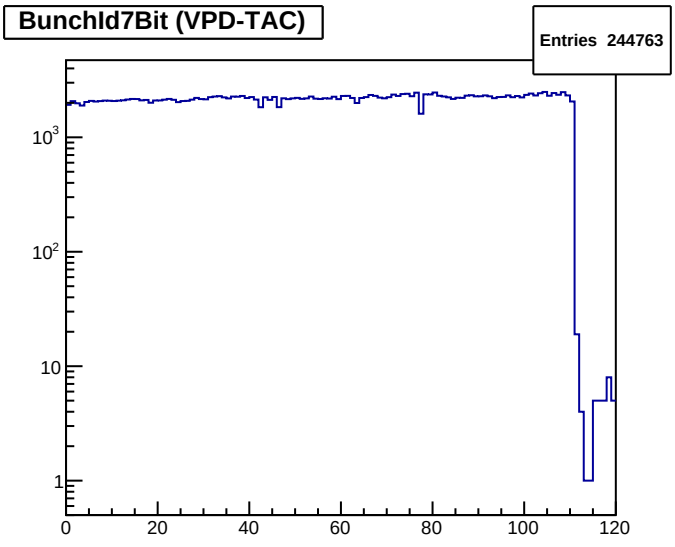
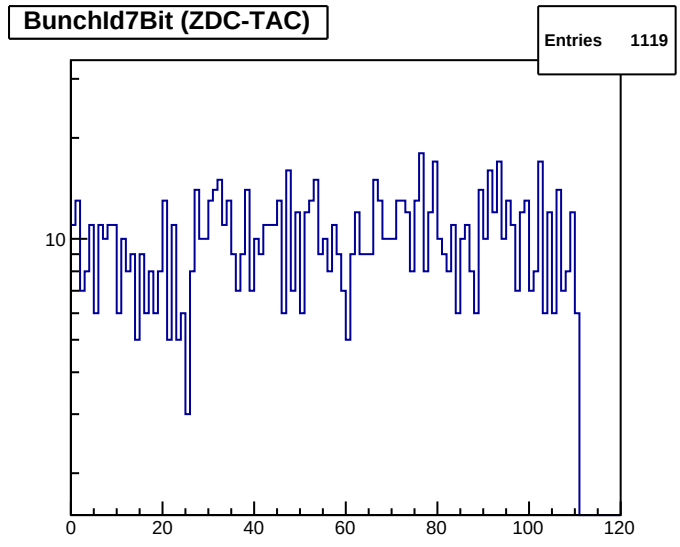
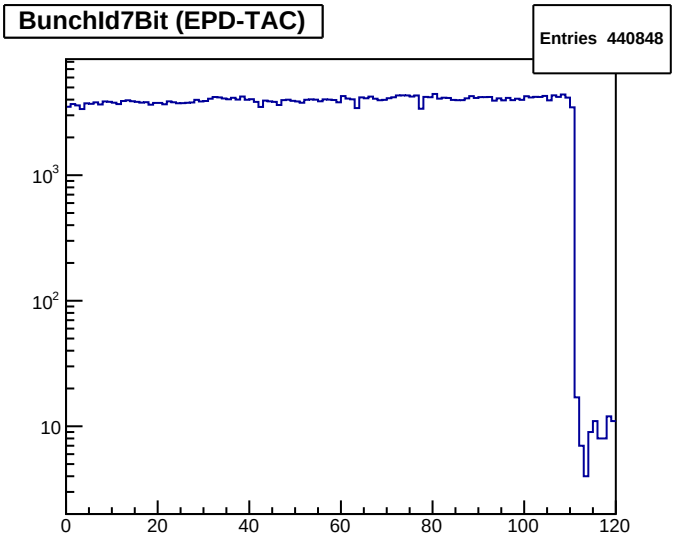
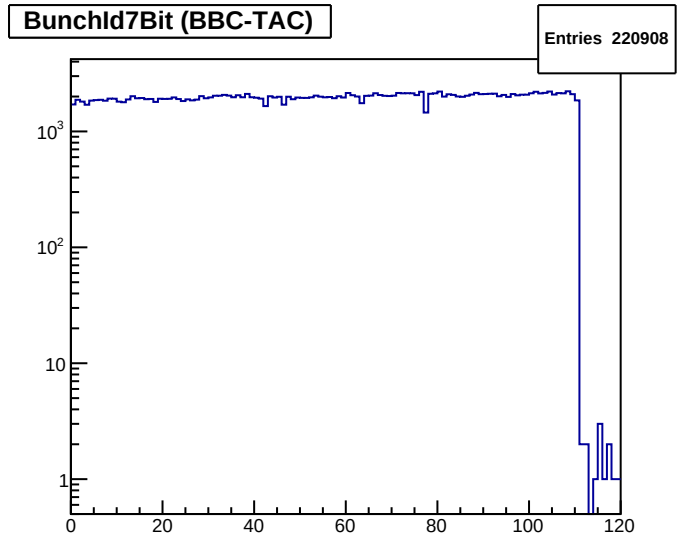
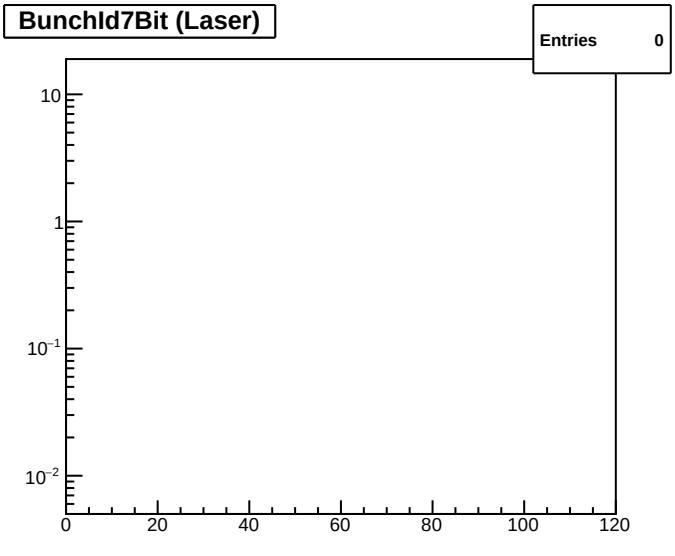
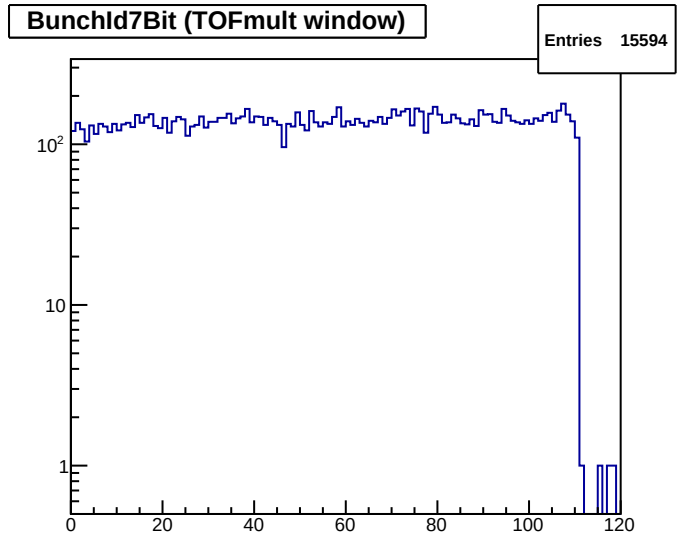

BunchId7Bit (VPD-TAC)
Entries 244763

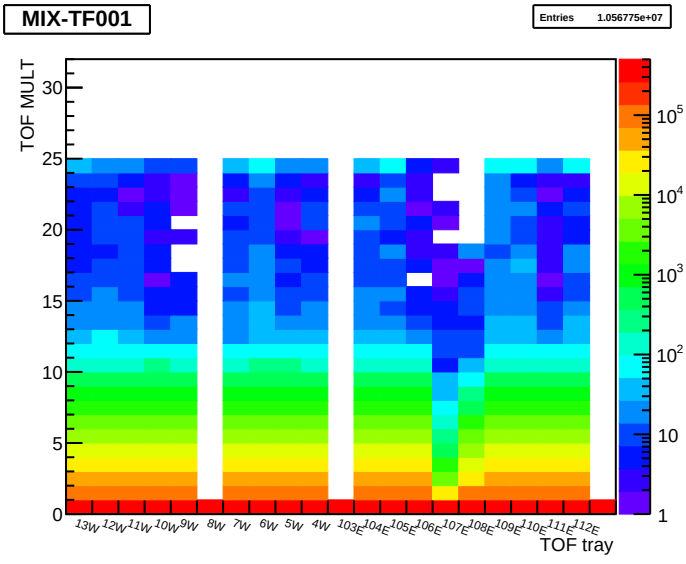

BunchId7Bit (ZDC-TAC)
Entries 1119

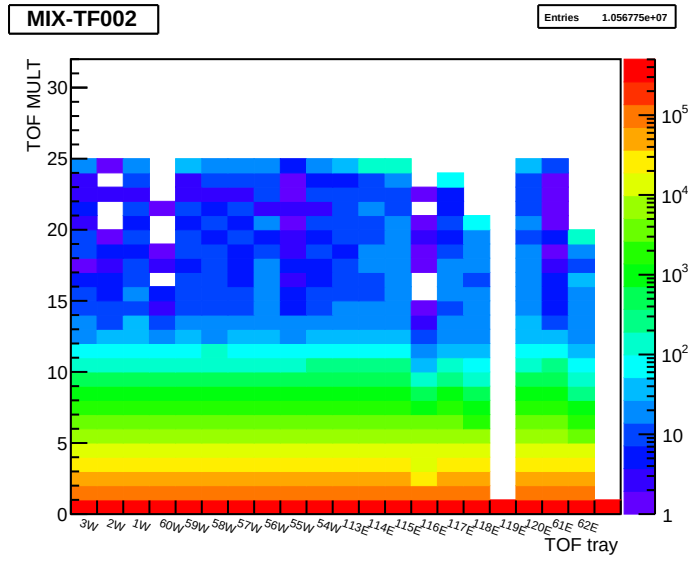

BunchId7Bit (EPD-TAC)
Entries 440848

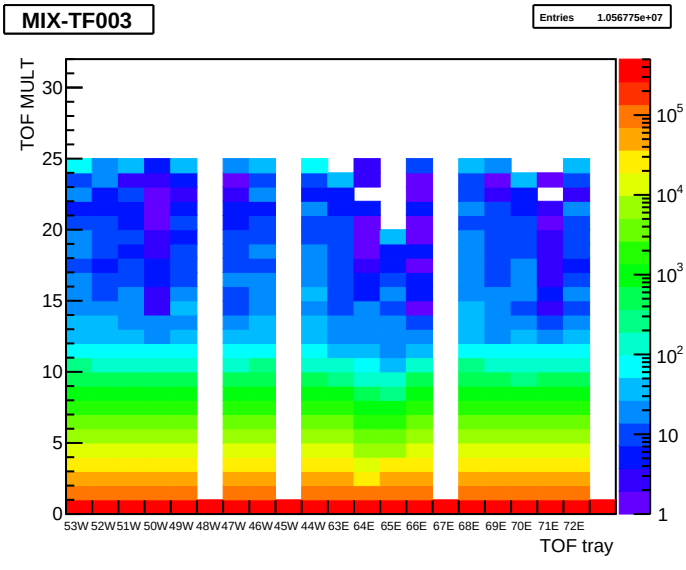

BunchId7Bit (BBC-TAC)
Entries 220908

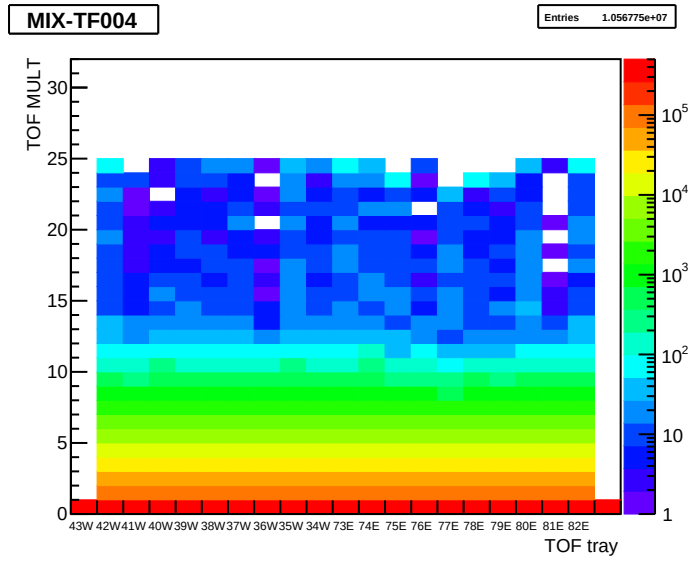

BunchId7Bit (Laser)
Entries 0

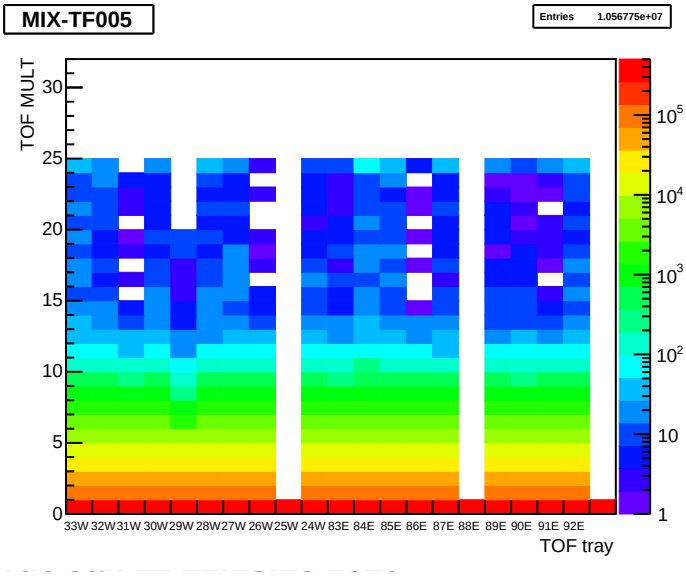

BunchId7Bit (TOFmult window)
Entries 15594

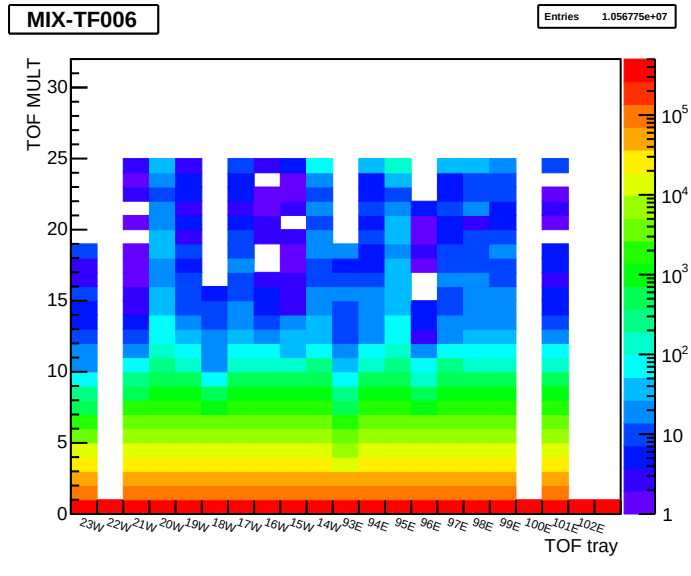

MIX-TF001
Entries 1.056775e+07
TOF MULT
TOF tray

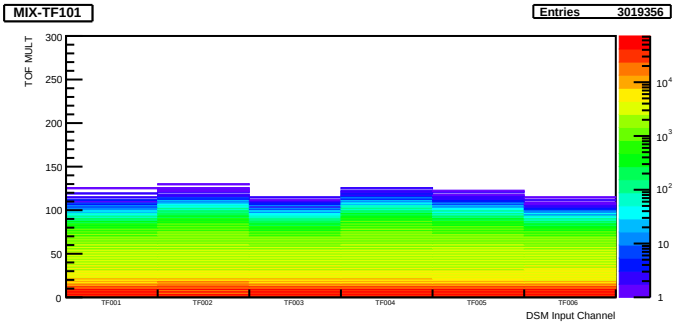

MIX-TF002
Entries 1.056775e+07
TOF MULT
TOF tray

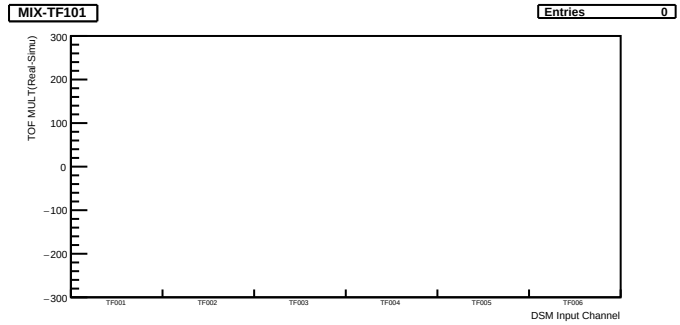

MIX-TF003
Entries 1.056775e+07
TOF MULT
TOF tray

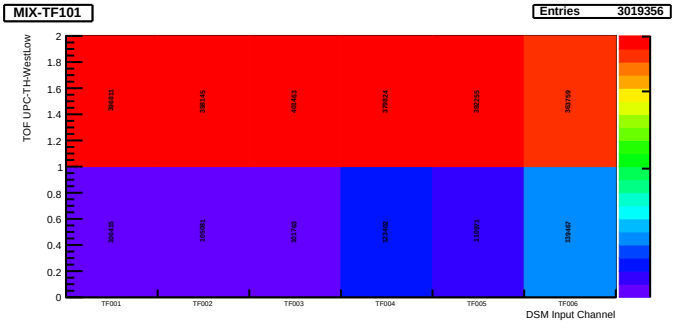

MIX-TF004
Entries 1.056775e+07
TOF MULT
TOF tray

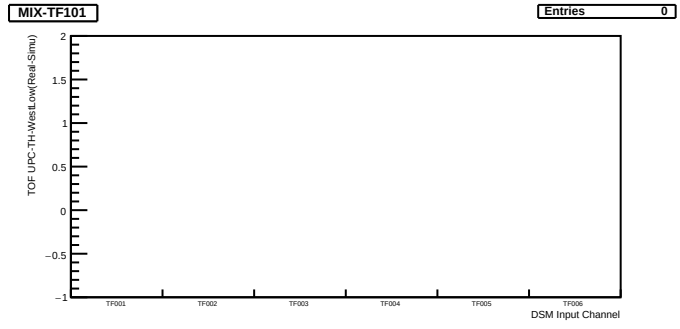

MIX-TF005
Entries 1.056775e+07
TOF MULT
TOF tray

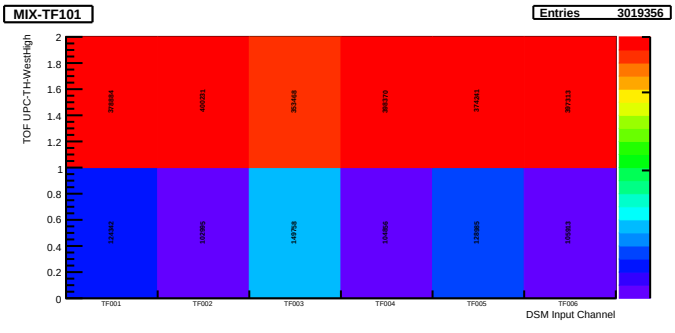

MIX-TF006
Entries 1.056775e+07
TOF MULT
TOF tray

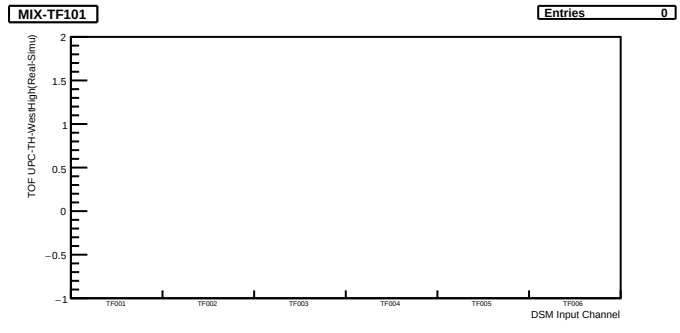

MIX-TF101
Entries 3019356
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

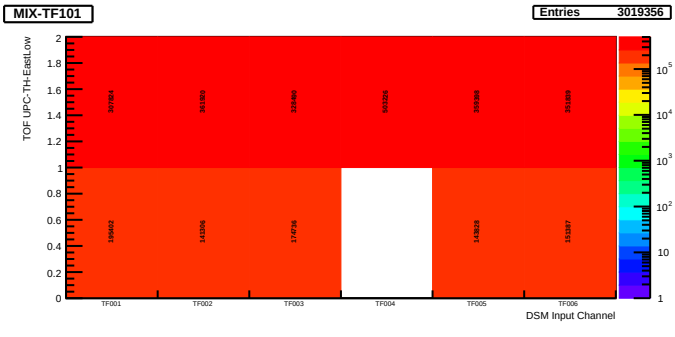

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

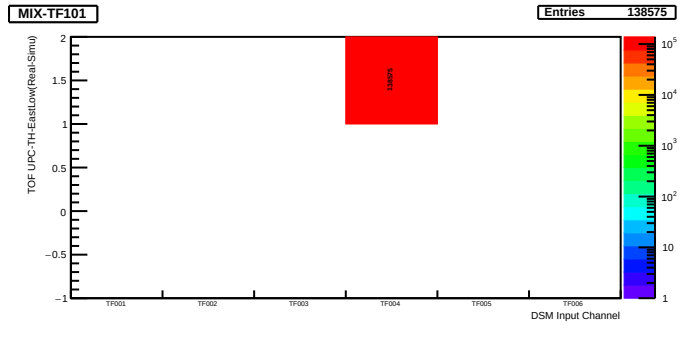

MIX-TF101
Entries 3019356
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

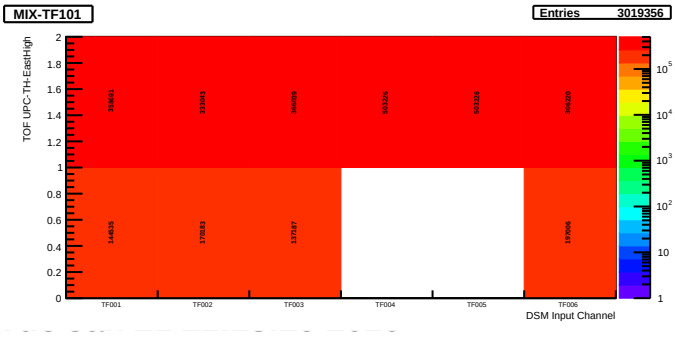

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

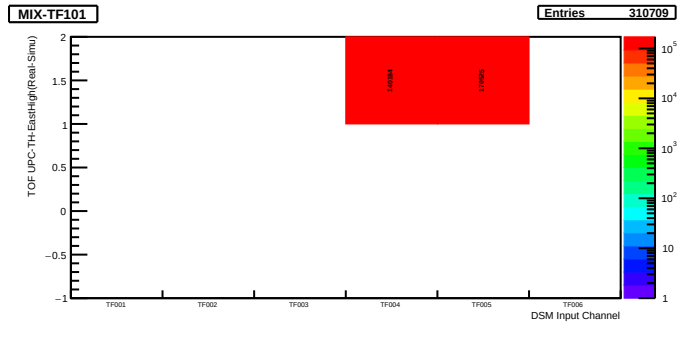

MIX-TF101
Entries 3019356
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

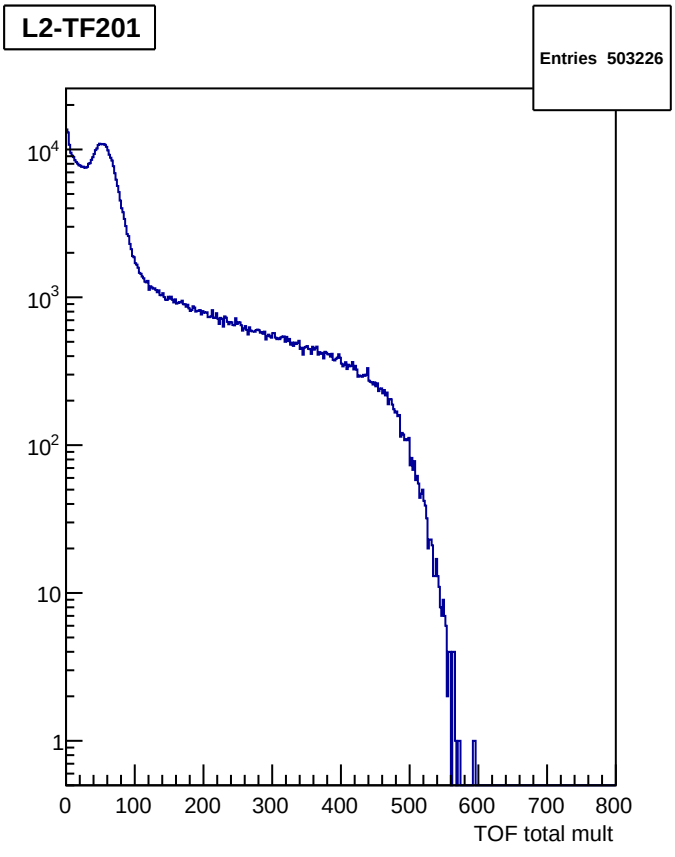

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

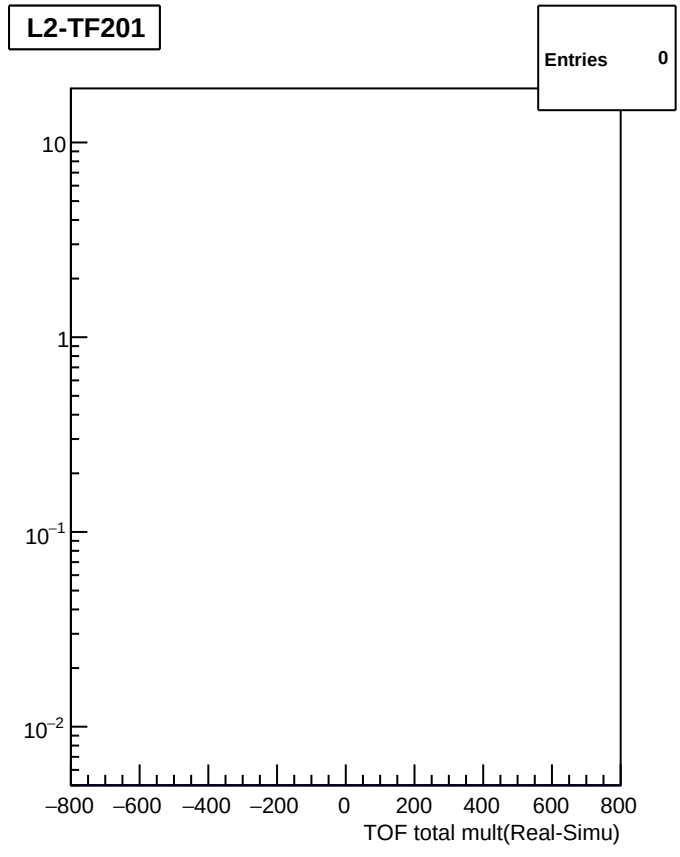

MIX-TF101
Entries 3019356
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

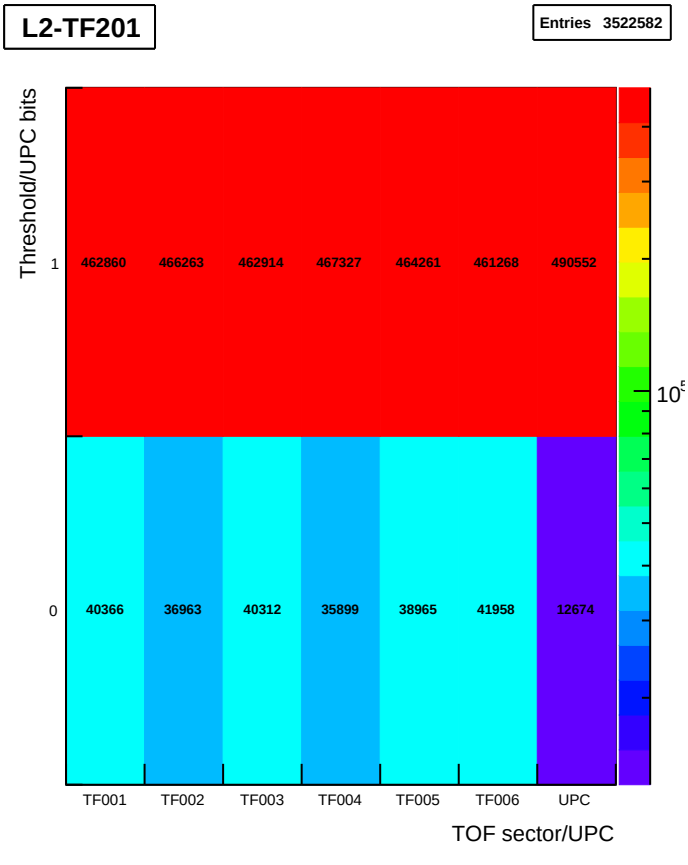

MIX-TF101
Entries 138575
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

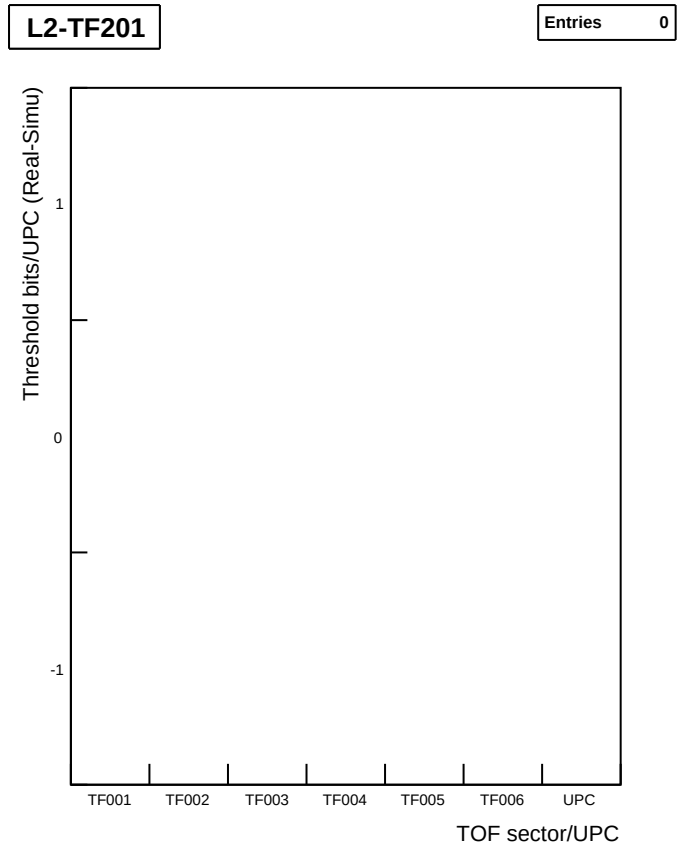

MIX-TF101
Entries 3019356
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

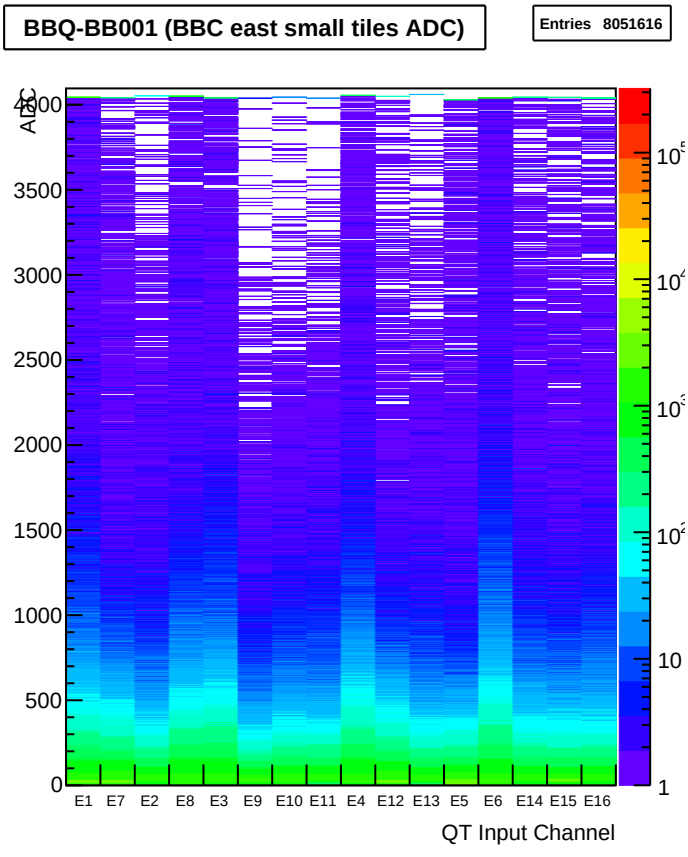

MIX-TF101
Entries 310709
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

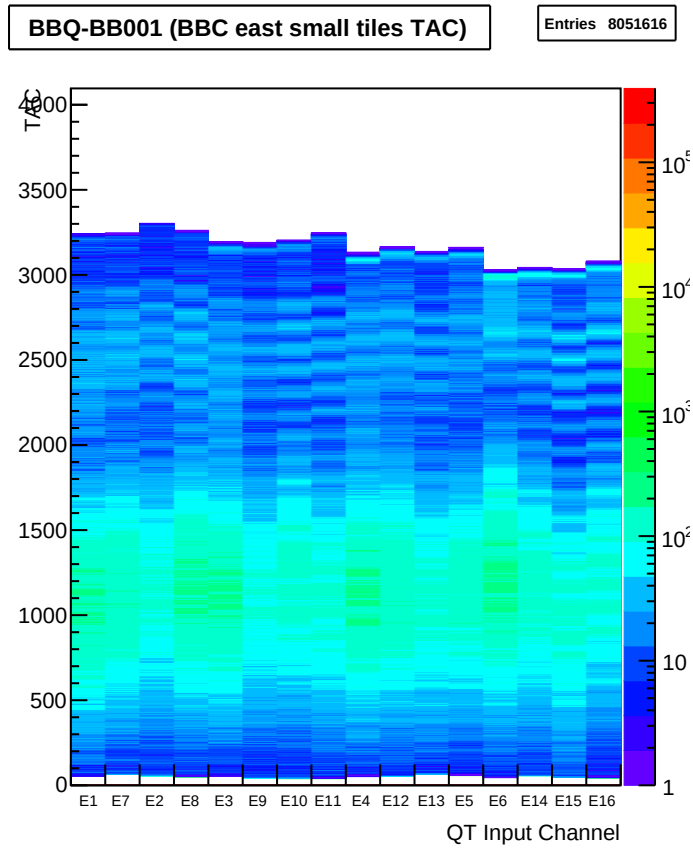

L2-TF201
Entries 503226
TOF total mult

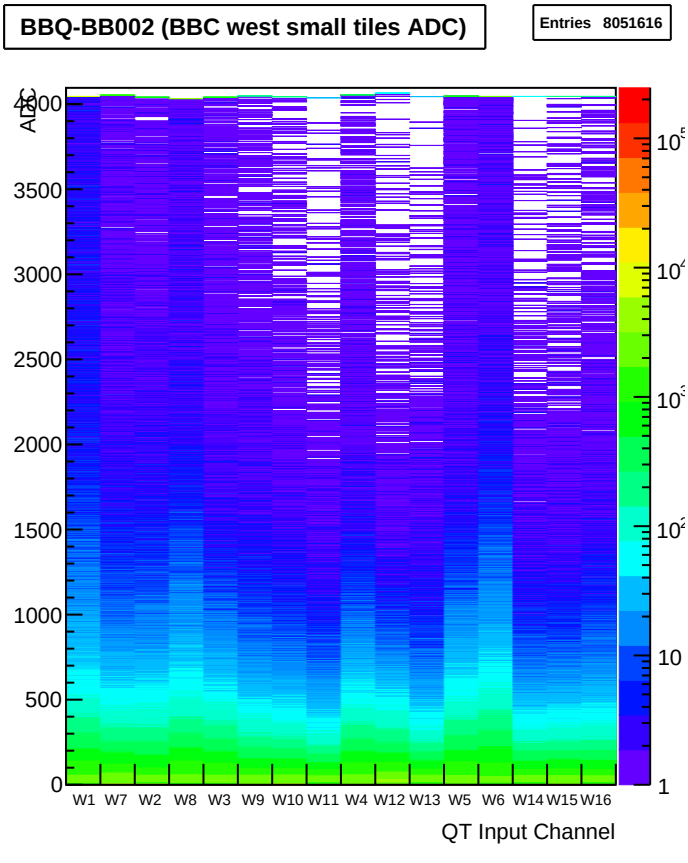

L2-TF201
Entries 0
TOF total mult(Real-Simu)

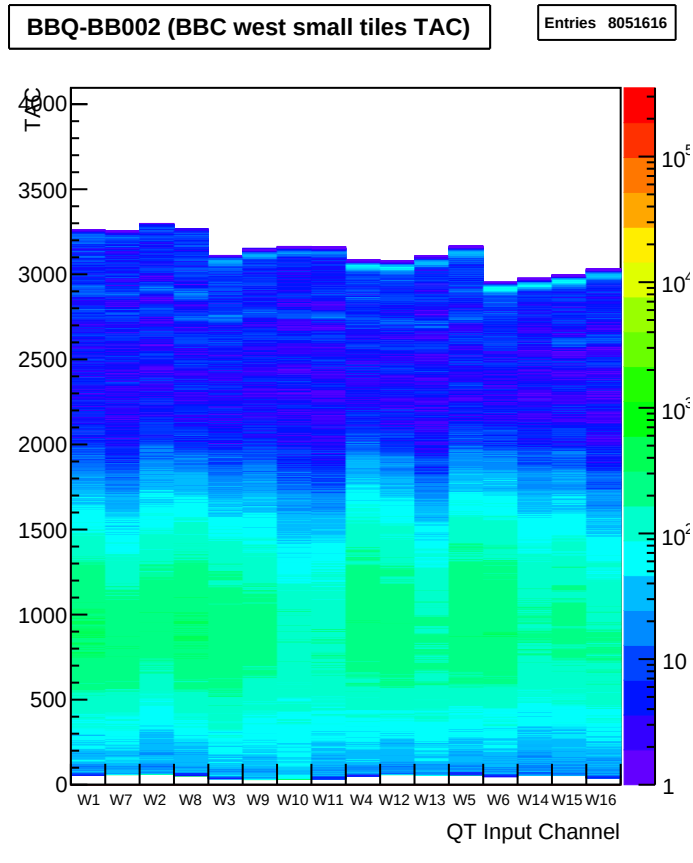

L2-TF201
Entries 3522582
Threshold/UPC bits
462860
466263
462914
467327
464261
461268
490552
40366
36963
40312
35899
38965
41958
12674
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

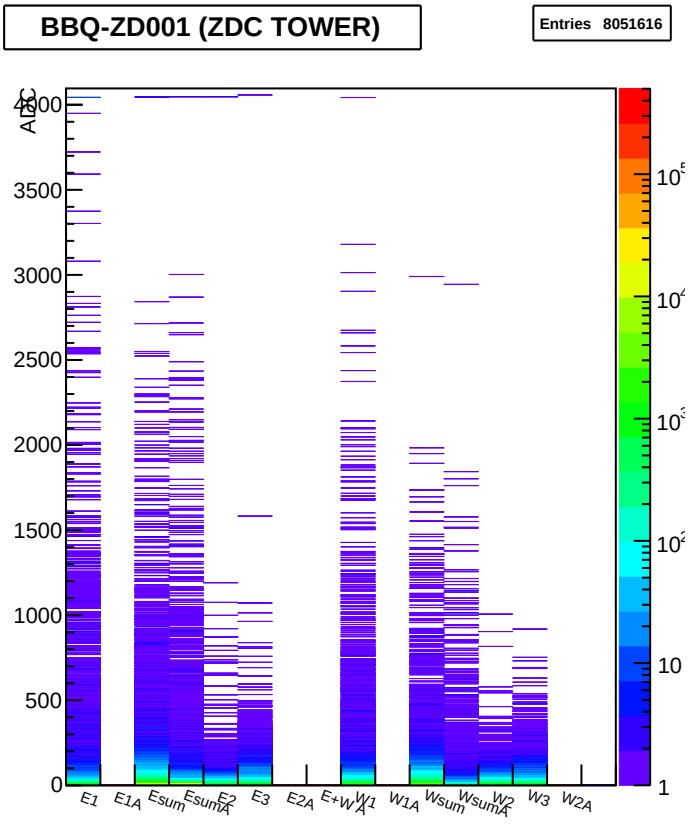

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

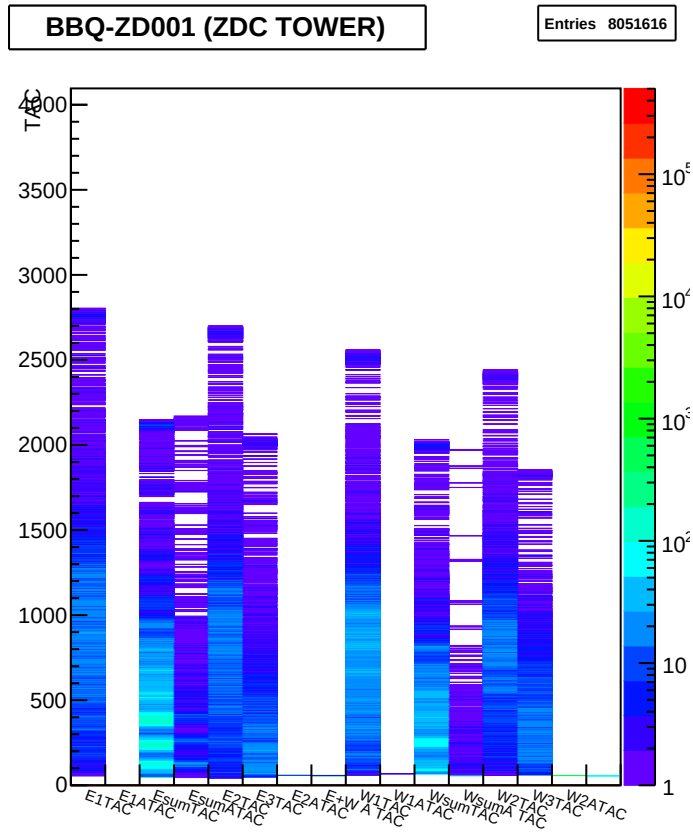

BBQ-BB001 (BBC east small tiles ADC)
Entries 8051616
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

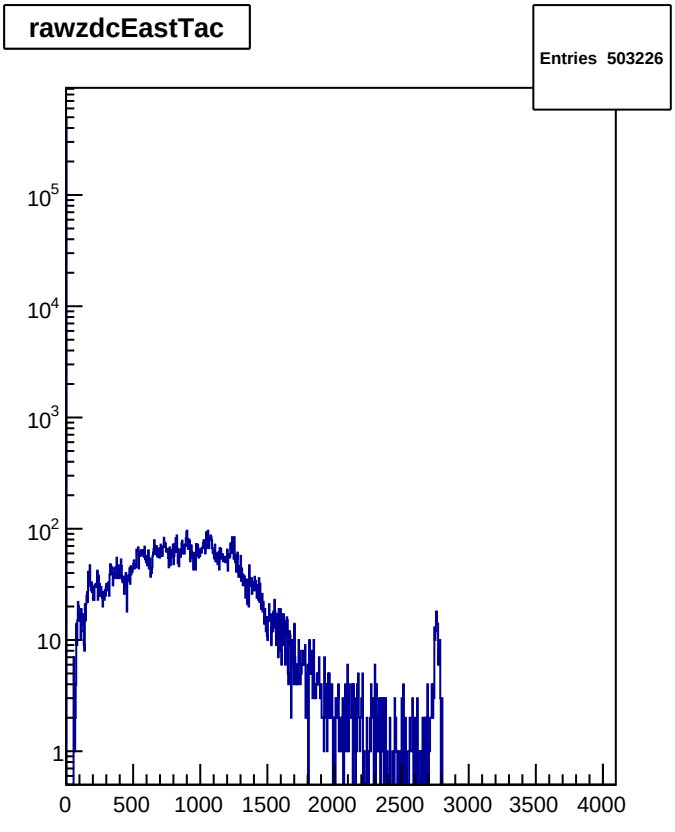

BBQ-BB001 (BBC east small tiles TAC)
Entries 8051616
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

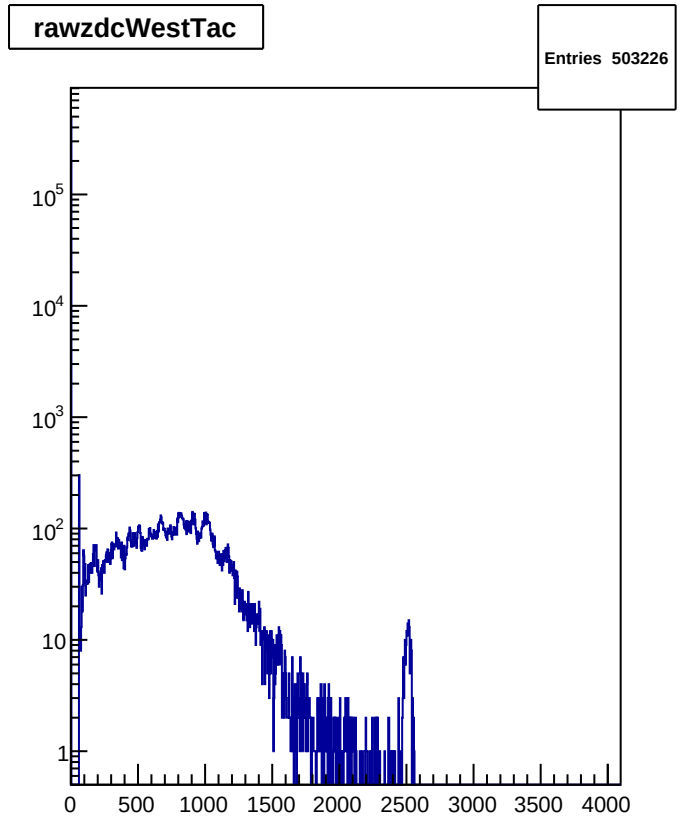

BBQ-BB002 (BBC west small tiles ADC)
Entries 8051616
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

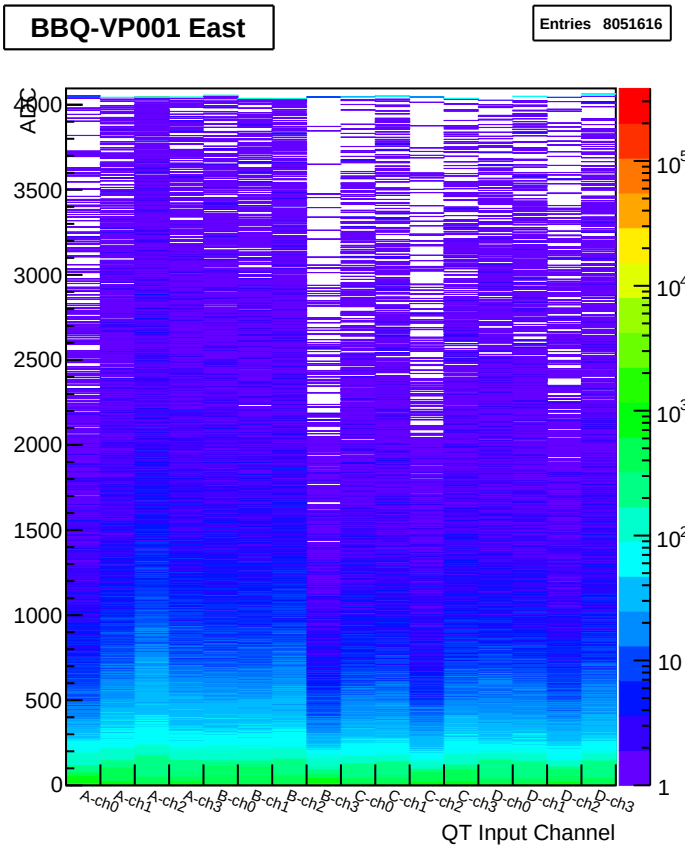

BBQ-BB002 (BBC west small tiles TAC)
Entries 8051616
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

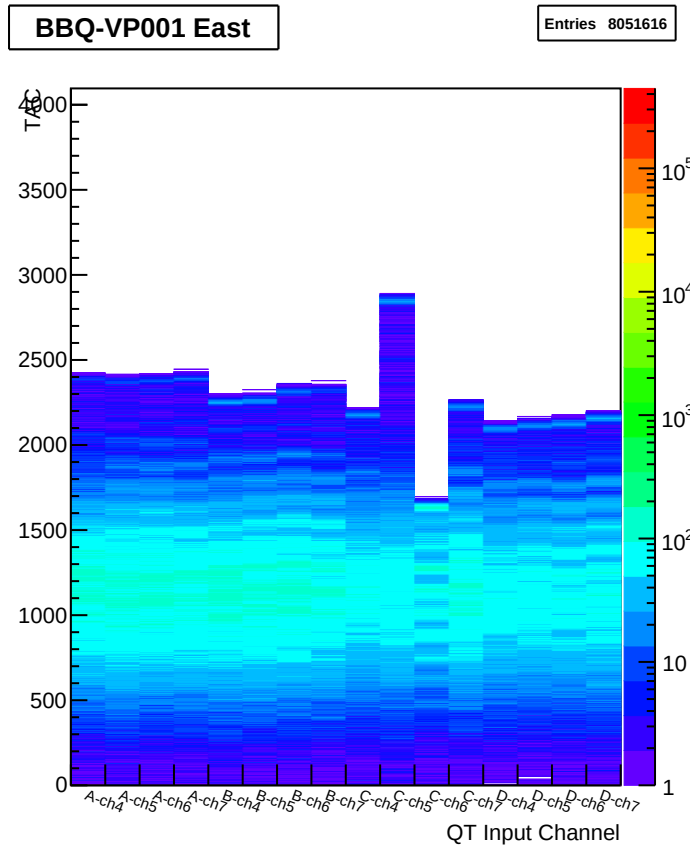

BBQ-ZD001 (ZDC TOWER)
Entries 8051616
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W A
W1
W1A
Wsum
WsumA
W2
W3
W2A

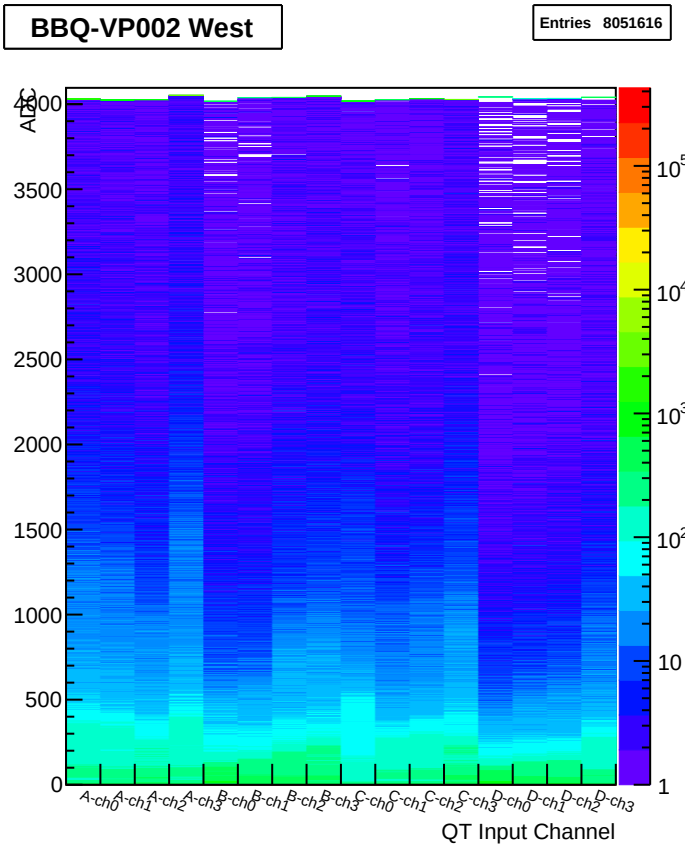

BBQ-ZD001 (ZDC TOWER)
Entries 8051616
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

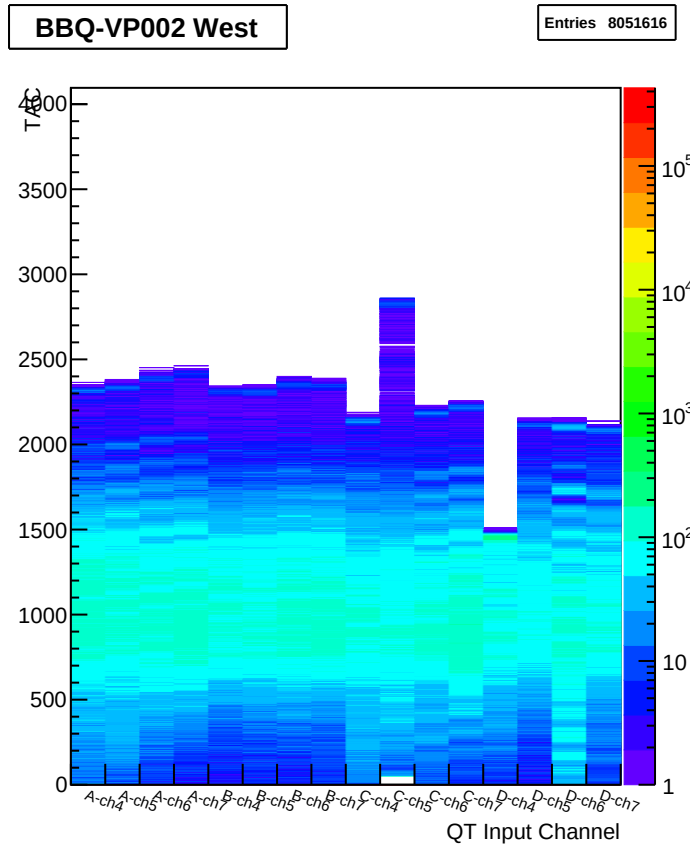

rawzdcEastTac
Entries 503226

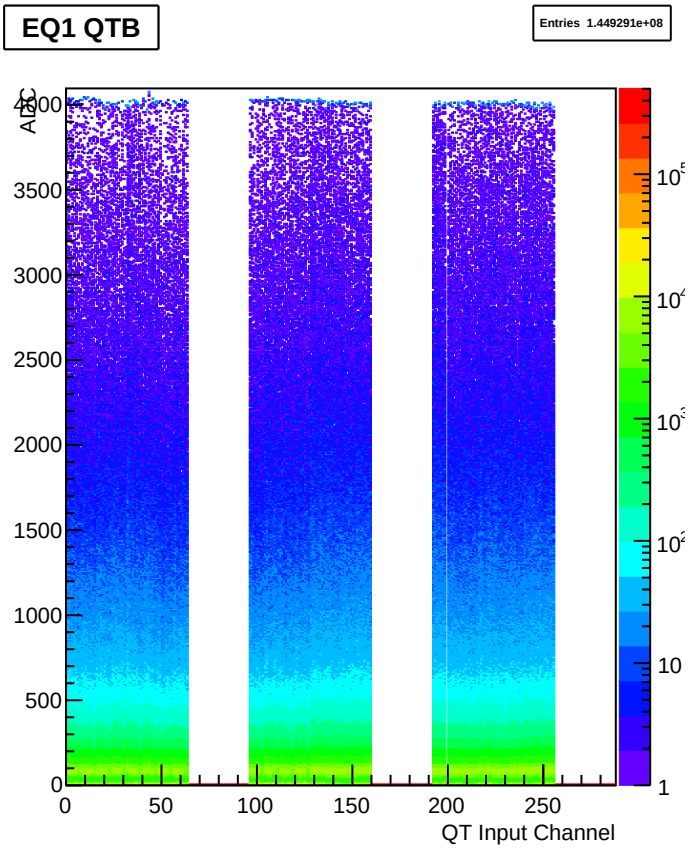

rawzdcWestTac
Entries 503226

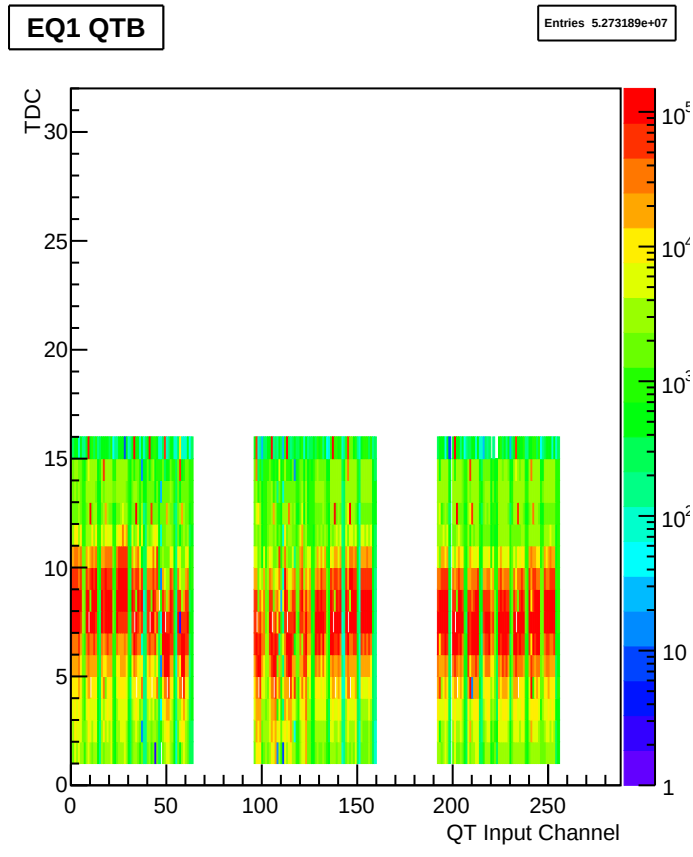

BBQ-VP001 East
Entries 8051616
ADC
QT Input Channel

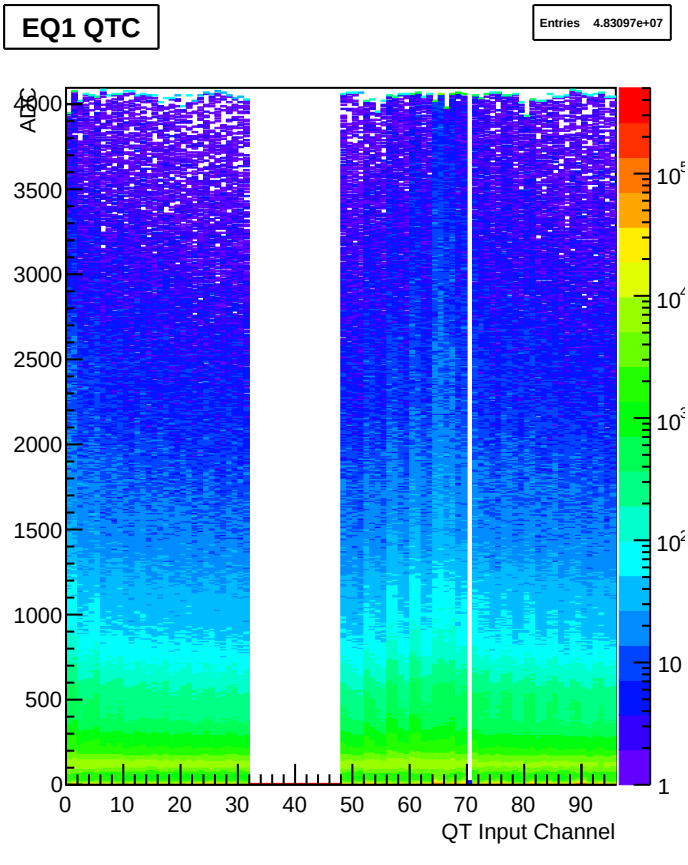

BBQ-VP001 East
Entries 8051616
TADC
QT Input Channel

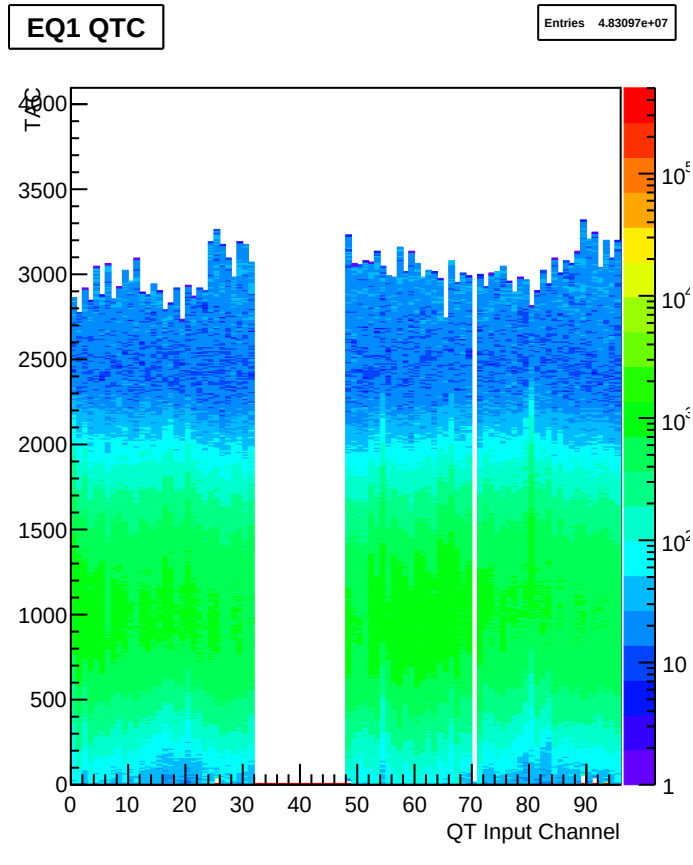

BBQ-VP002 West
Entries 8051616
ADC
QT Input Channel

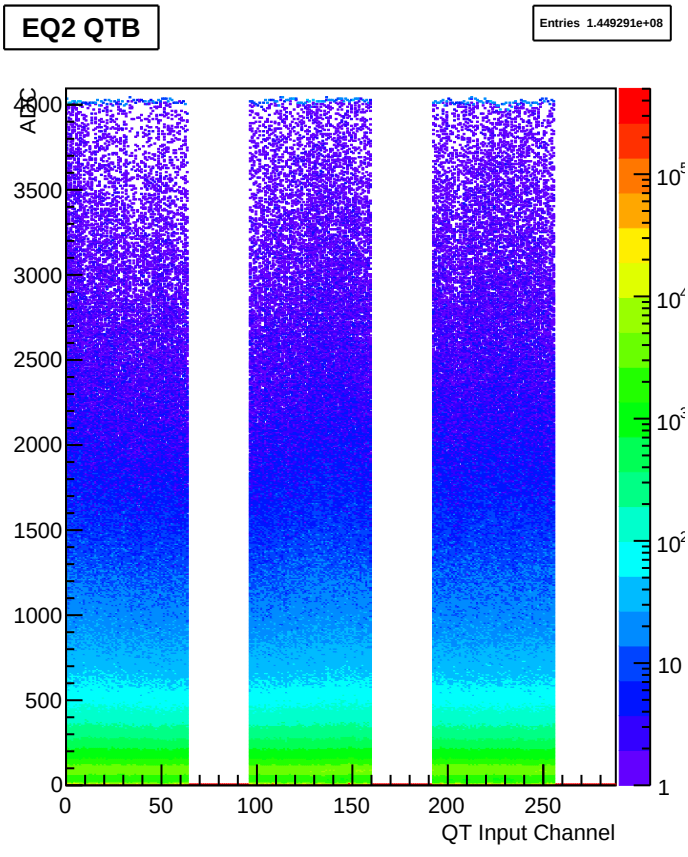

BBQ-VP002 West
Entries 8051616
TADC
QT Input Channel

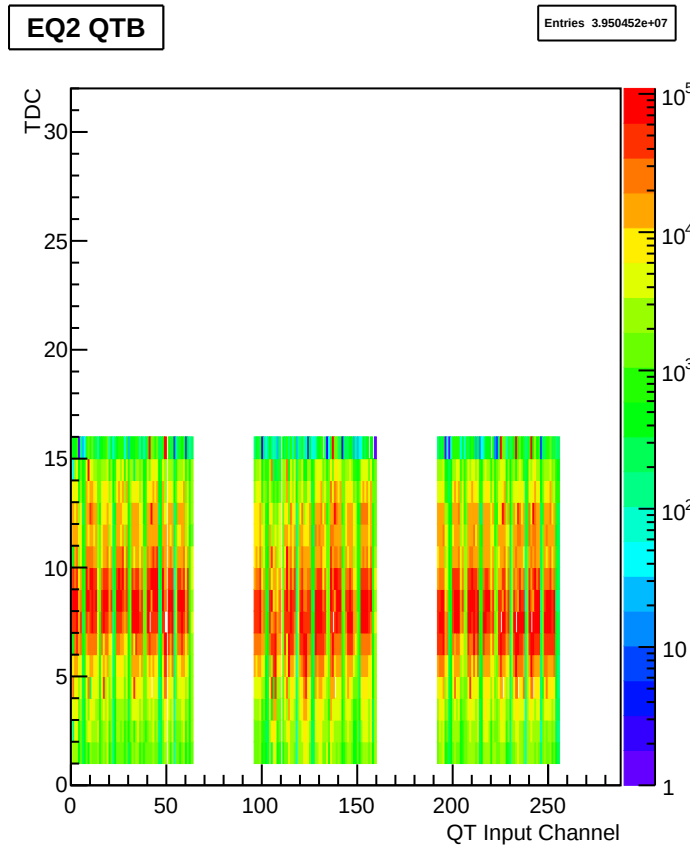

EQ1 QTB
Entries 1.449291e+08
ADC
QT Input Channel

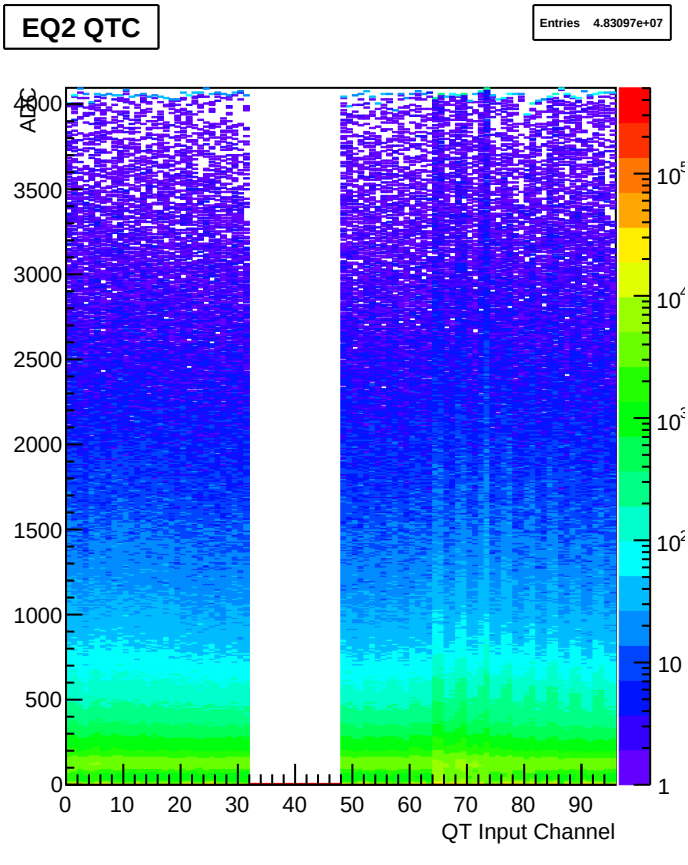

EQ1 QTB
Entries 5.273189e+07
TDC
QT Input Channel

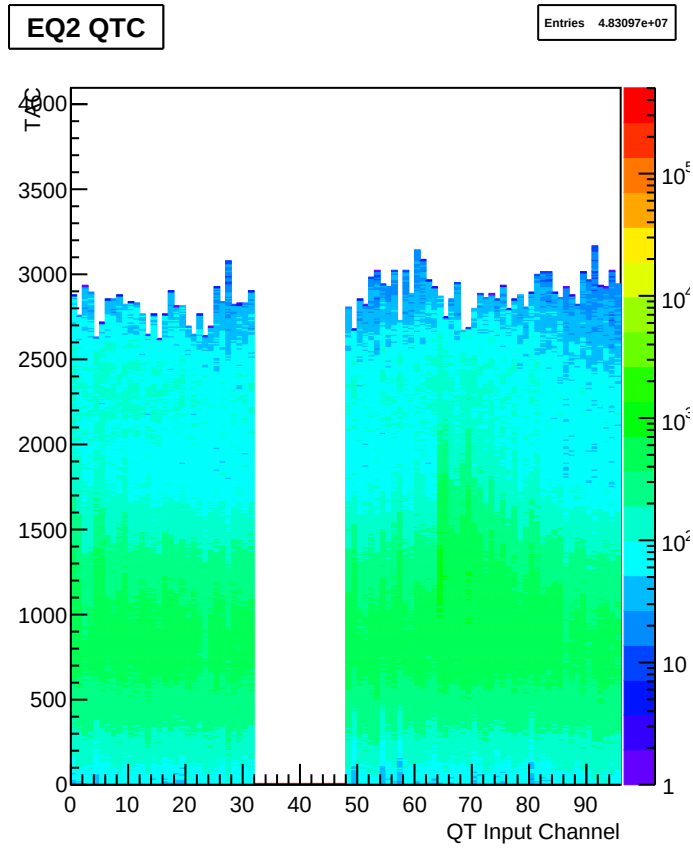

EQ1 QTC
Entries 4.83097e+07
ADC
QT Input Channel

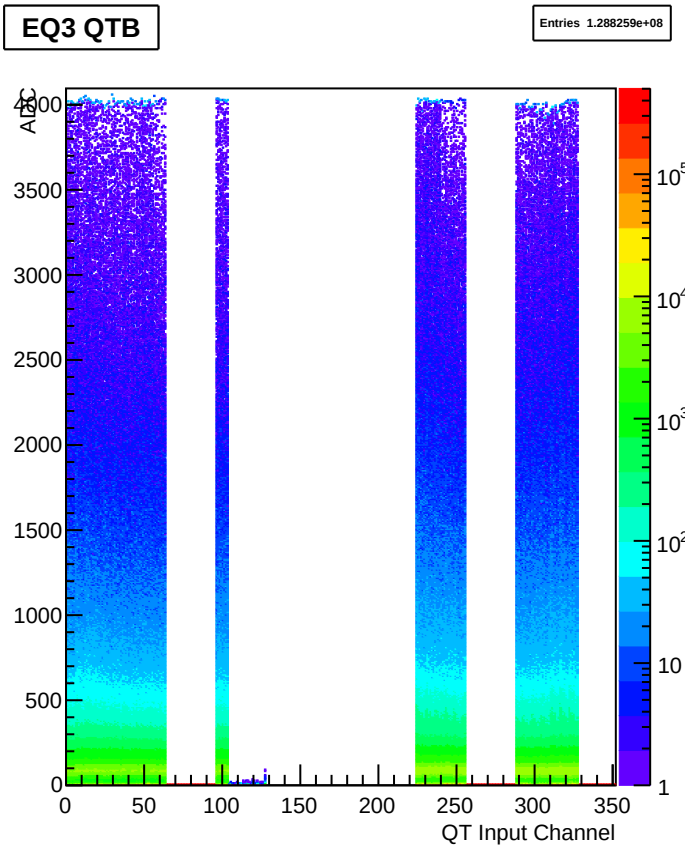

EQ1 QTC
Entries 4.83097e+07
TADC
QT Input Channel

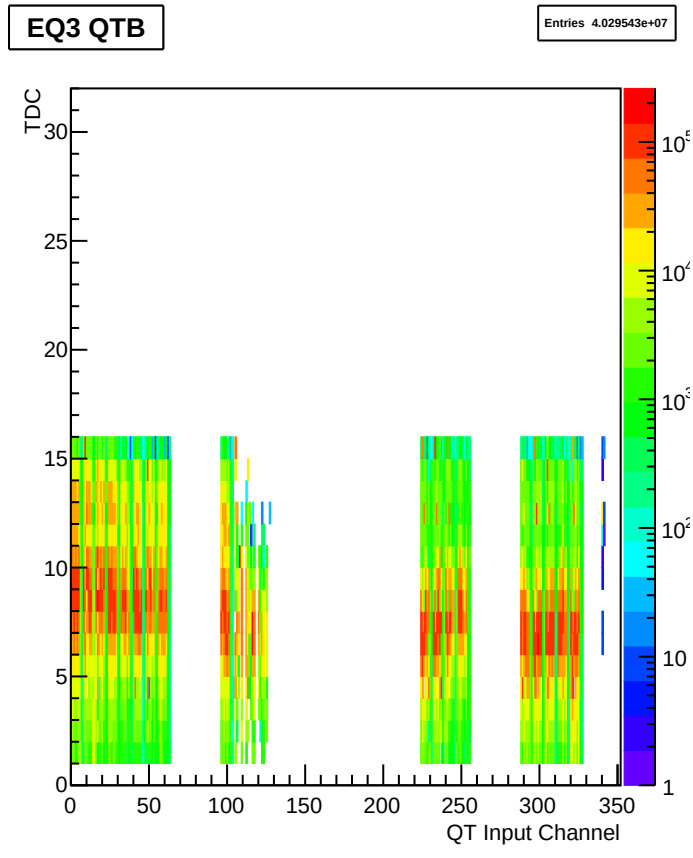

EQ2 QTB
Entries 1.449291e+08
ADC
QT Input Channel

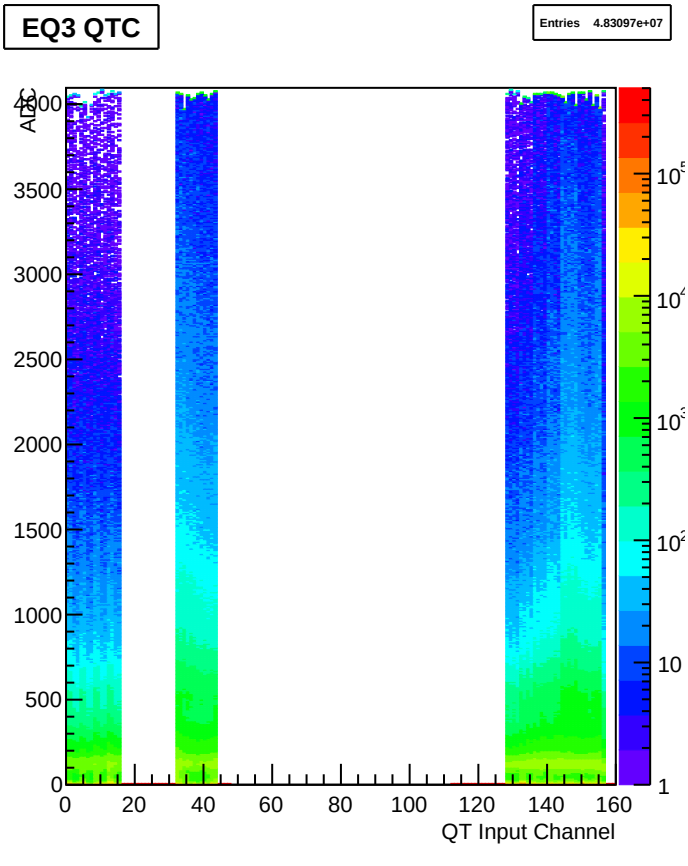

EQ2 QTB
Entries 3.950452e+07
TDC
QT Input Channel

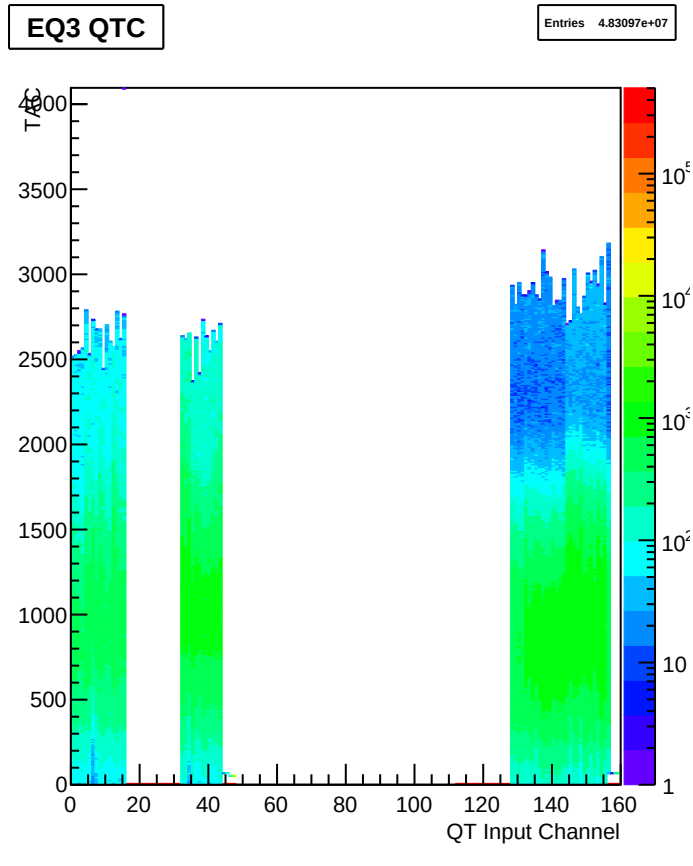

EQ2 QTC
Entries 4.83097e+07
ADC
QT Input Channel


EQ2 QTC
Entries 4.83097e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.288259e+08
ADC
QT Input Channel


EQ3 QTB
Entries 4.029543e+07
TDC
QT Input Channel


EQ3 QTC
Entries 4.83097e+07
ADC
QT Input Channel


EQ3 QTC
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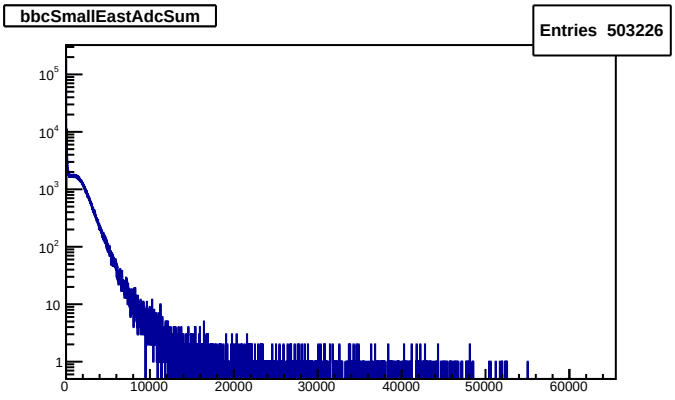
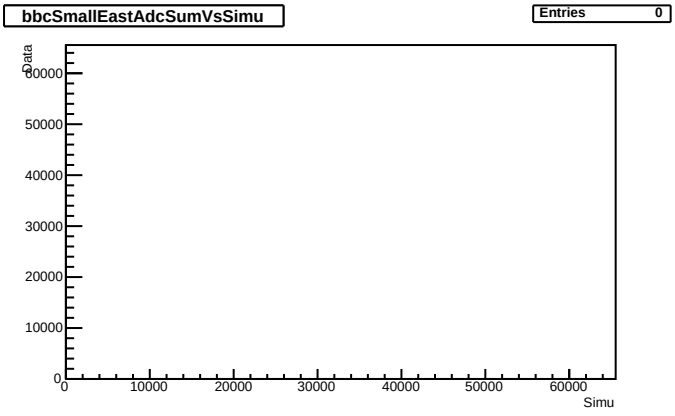
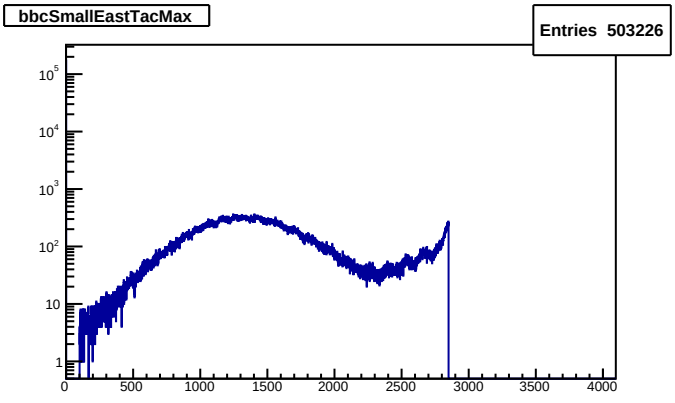
QT Input Channel


bbcSmallEastAdcSum
Entries 503226


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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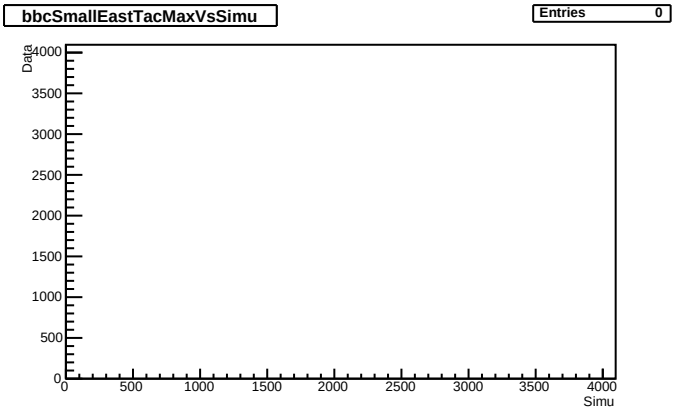
Entries 503226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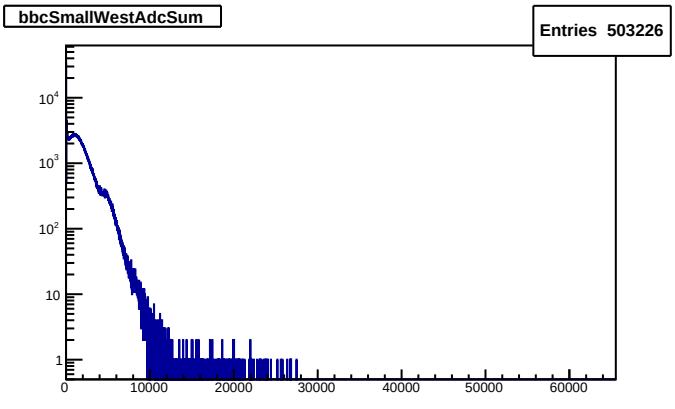
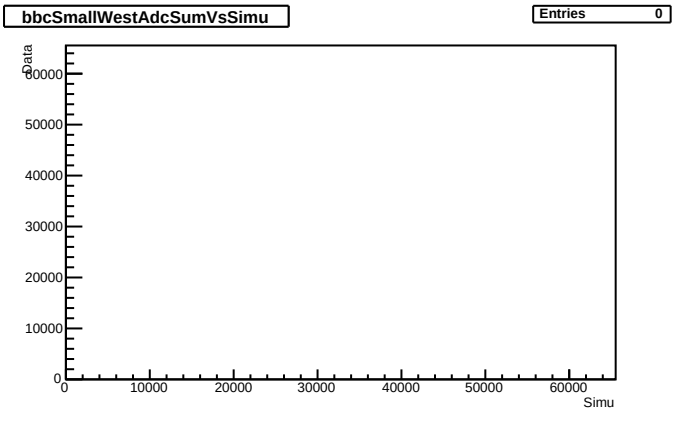

bbcSmallWestAdcSum
Entries 503226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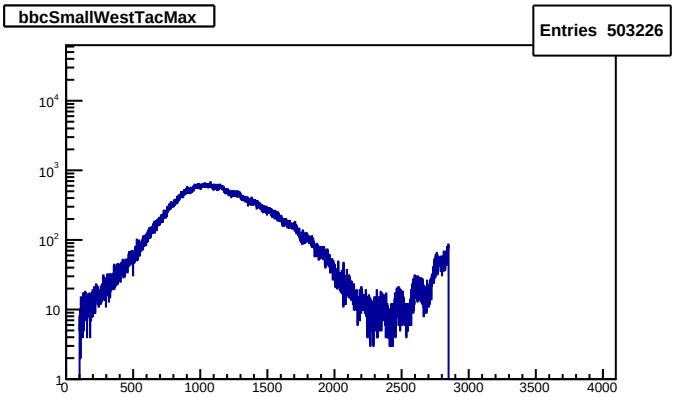
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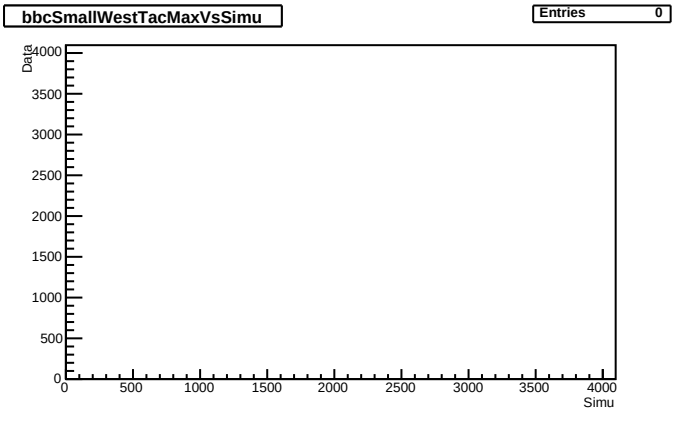
Entries 503226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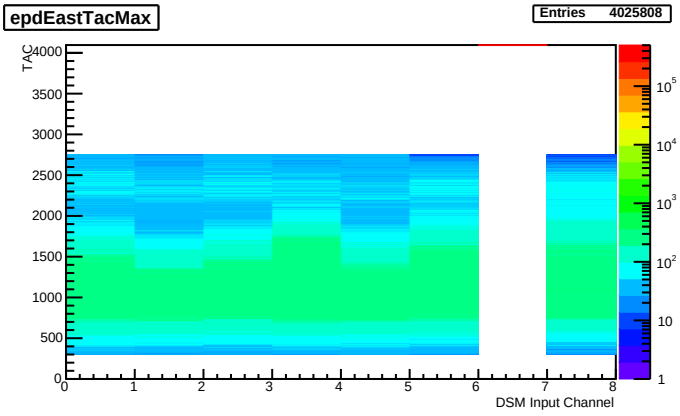
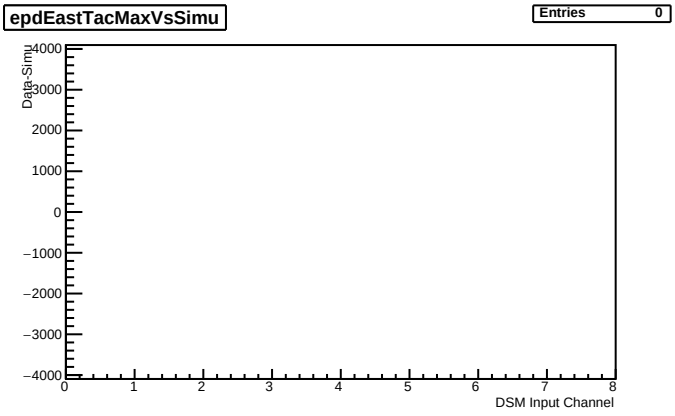
Simu


epdEastTacMax
Entries 4025808
TAC
DSM Input Channel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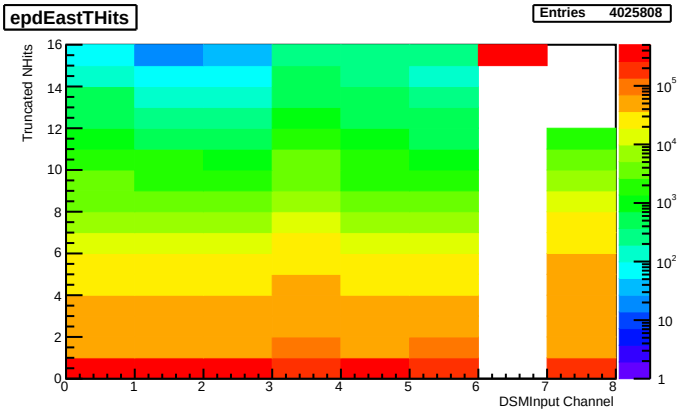
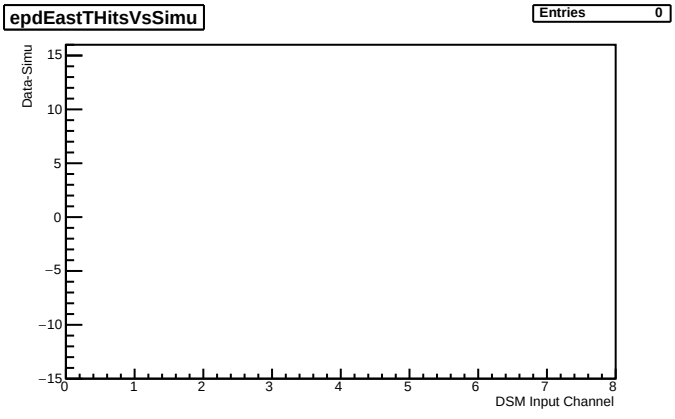
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4025808
Truncated NHits
DSMInput Channel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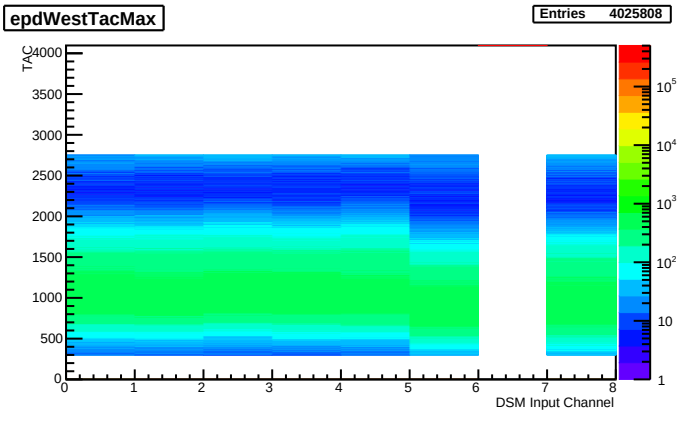
DSM Input Channel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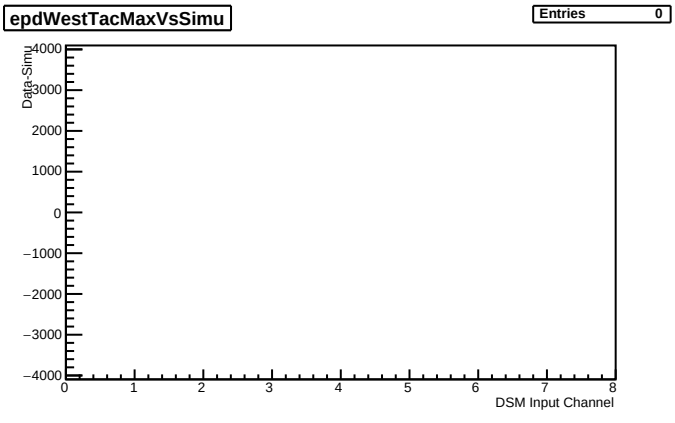
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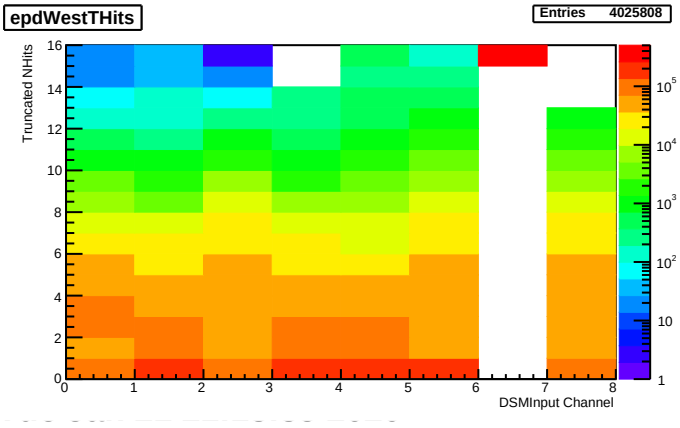
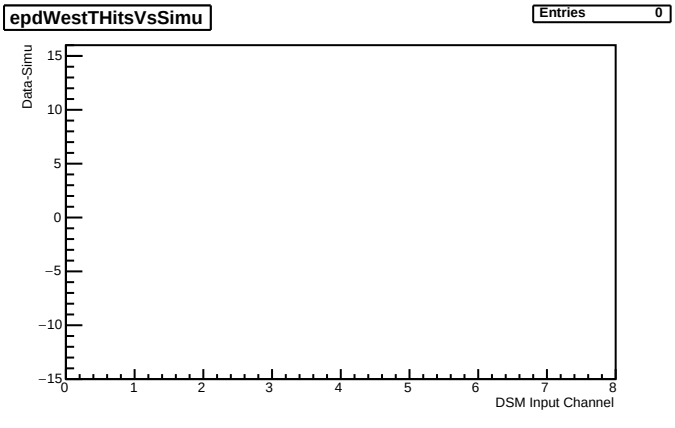
DSM Input Channel


epdWestTHits
Entries 4025808
Truncated NHits
DSMInput Channel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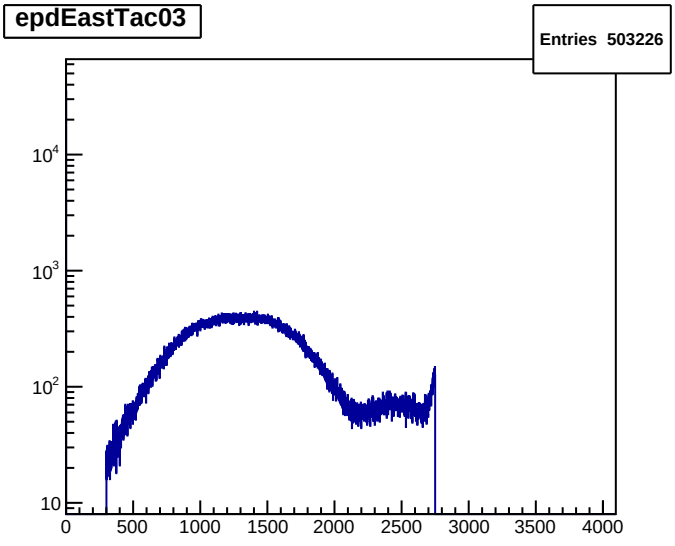
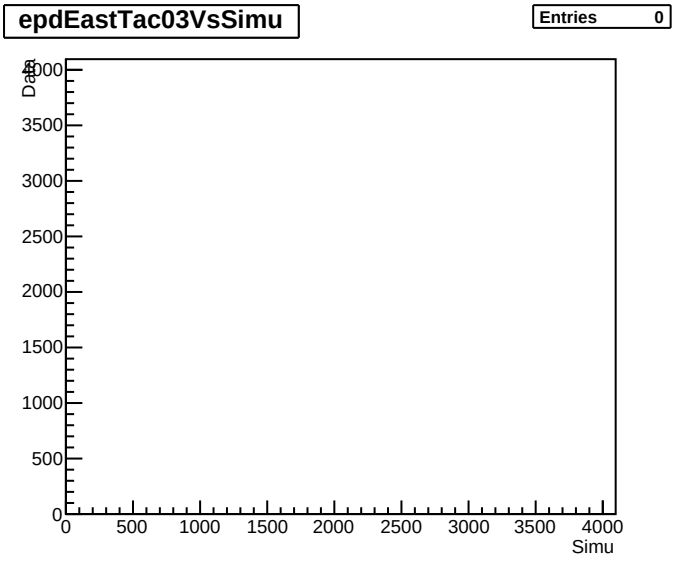
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 503226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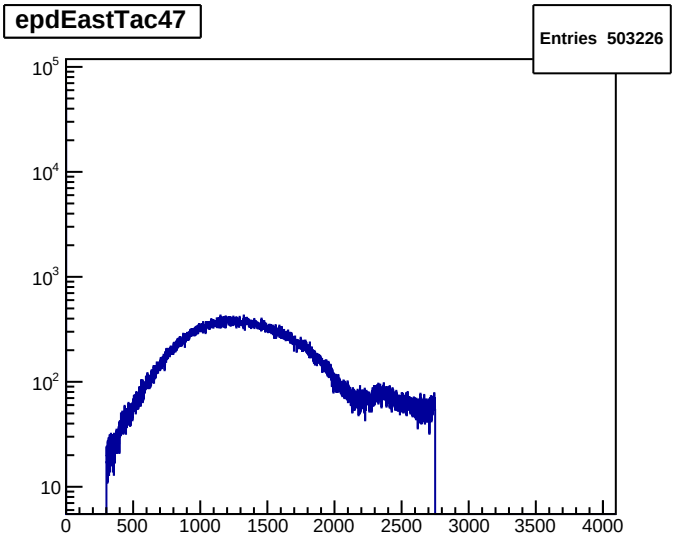
Entries 0
Data
Simu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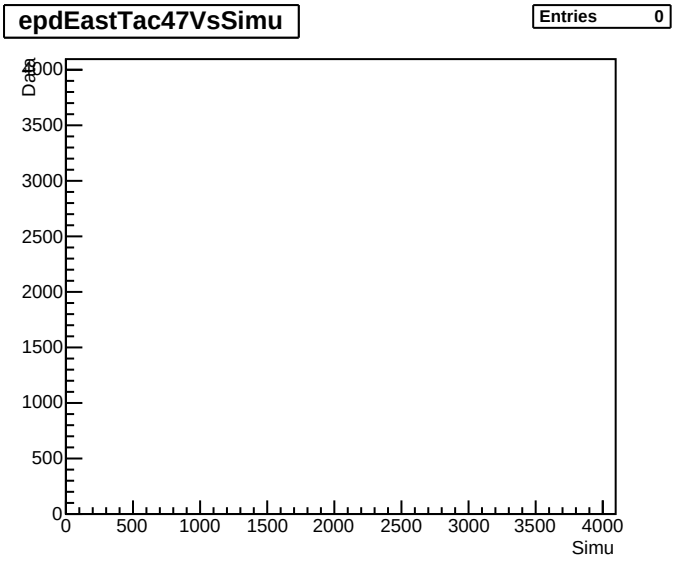
Entries 503226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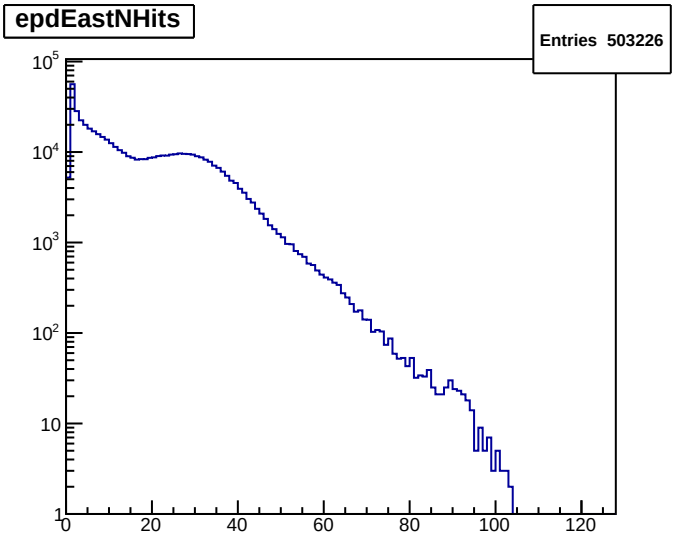
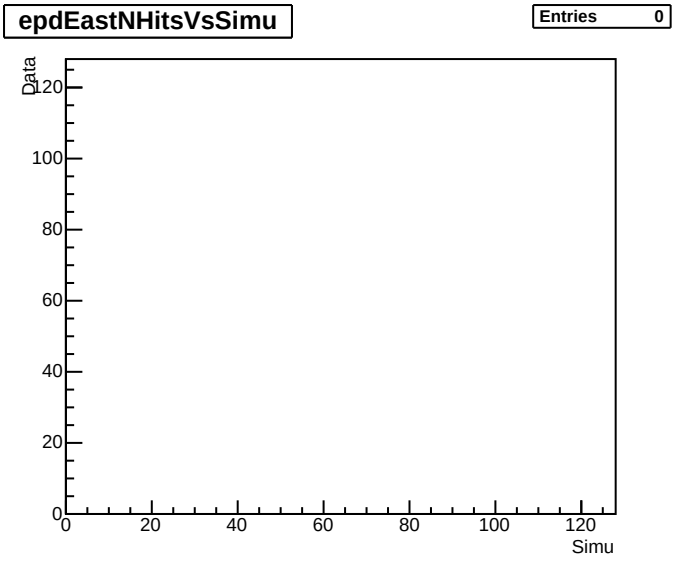
Entries 0
Data
Simu


epdEastNHits
Entries 503226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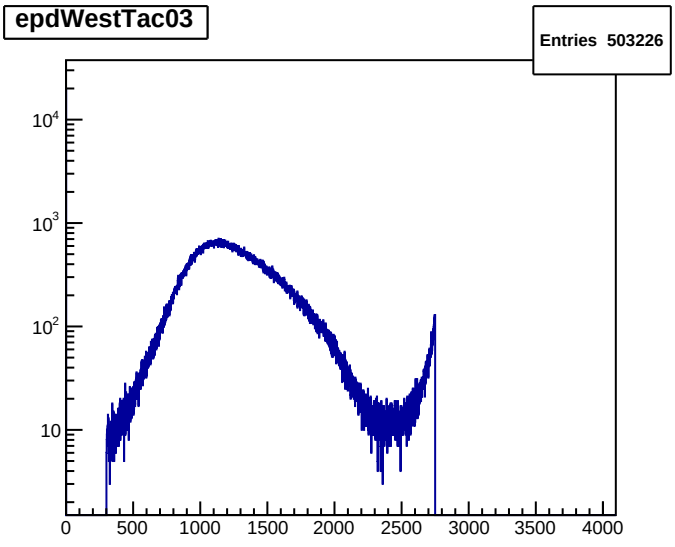
Entries 0
Data
Simu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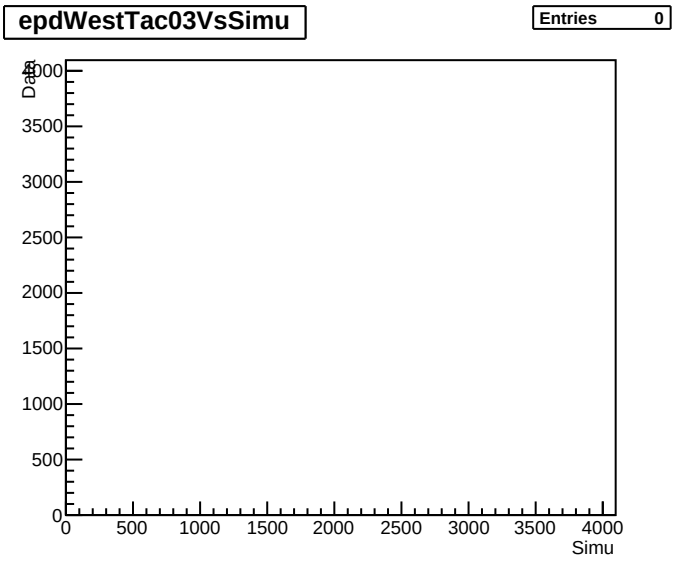
Entries 503226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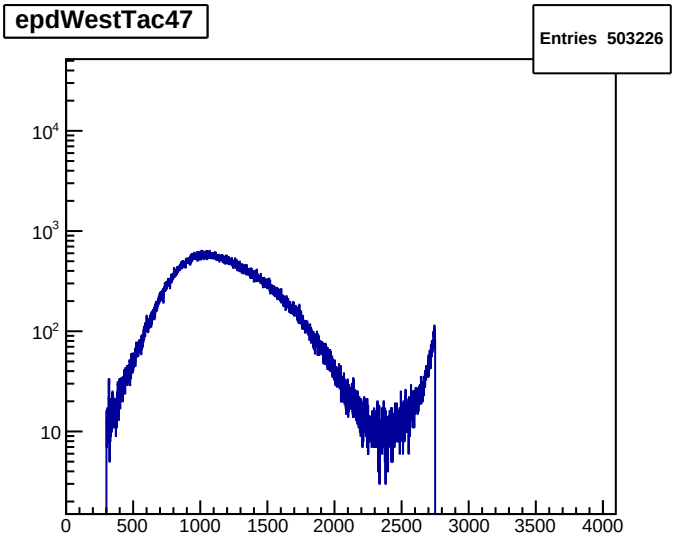
Entries 0
Data
Simu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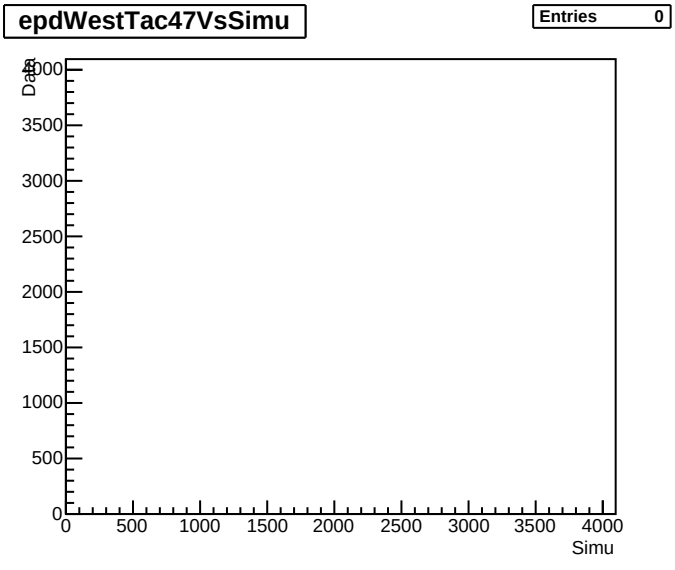
Entries 503226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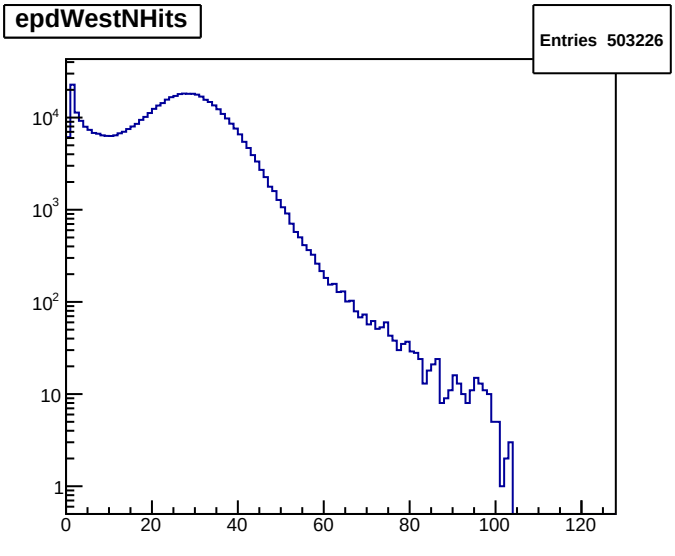
Entries 0
Data
Simu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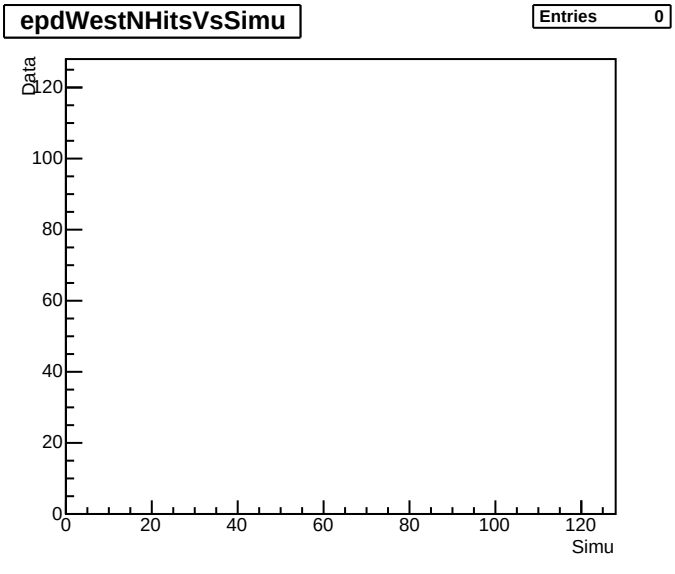
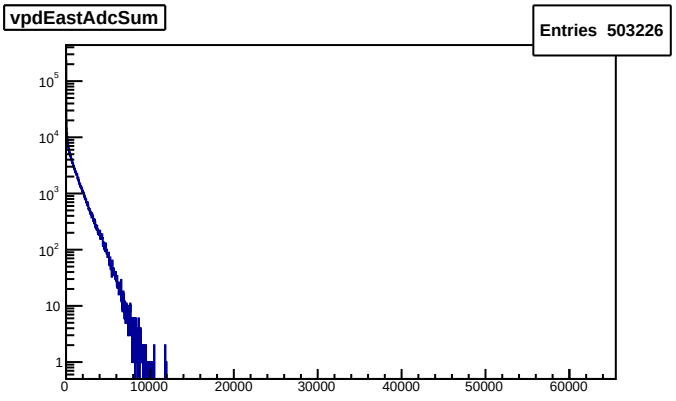
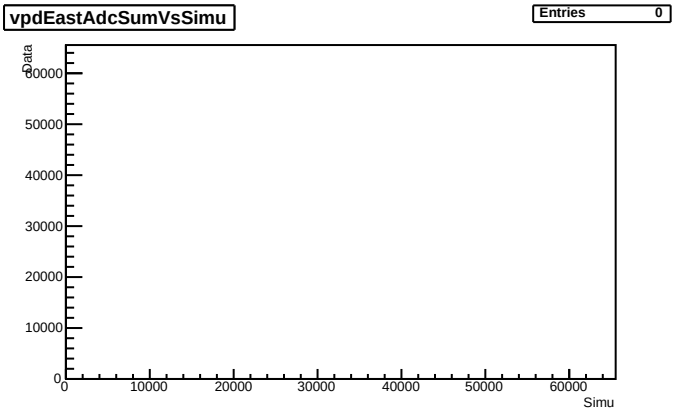
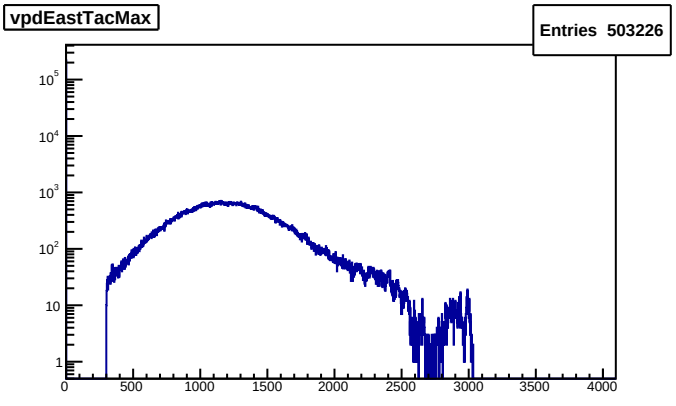
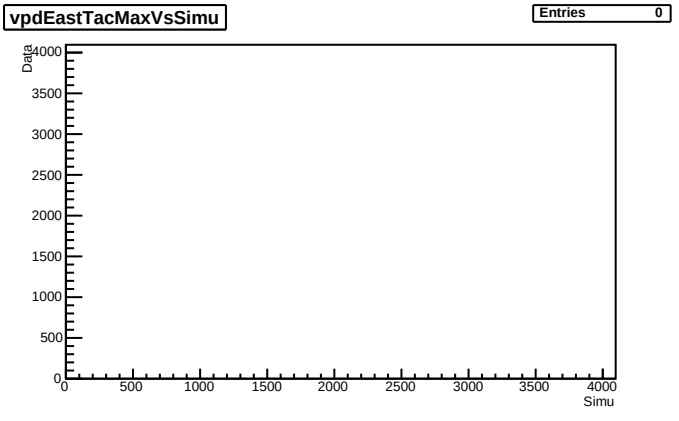
Entries 503226

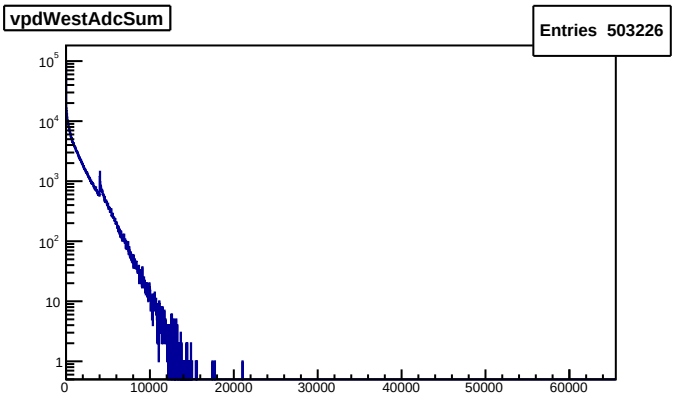

epdWestNHitsVsSimu
Entries 0
Data
Simu

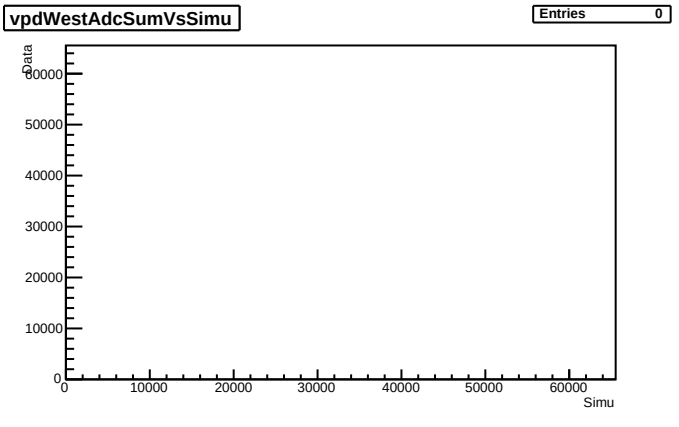

vpdEastAdcSum
Entries 503226


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 503226


vpdEastTacMaxVsSimu
Entries 0
Data
Simu


vpdWestAdcSum
Entries 503226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Entries 0
Data
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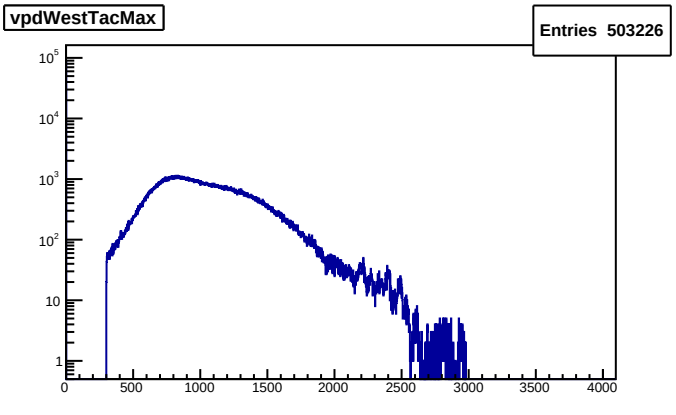
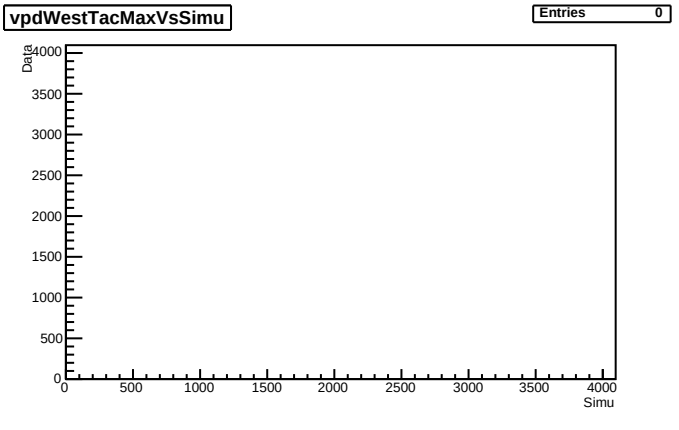

vpdWestTacMax
Entries 503226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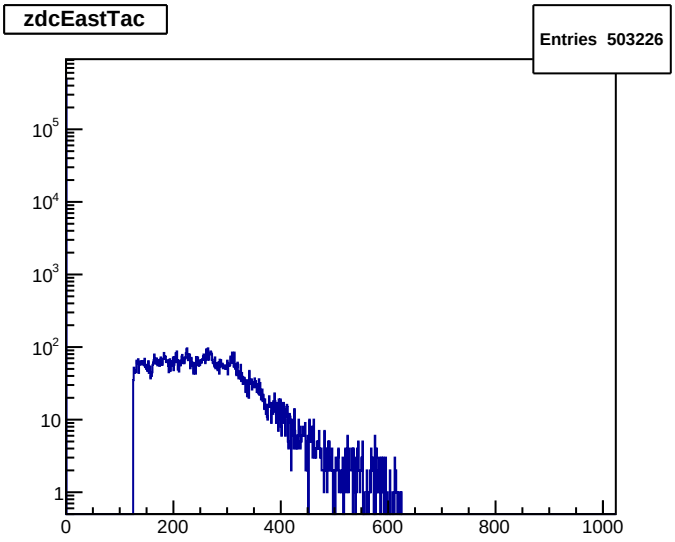
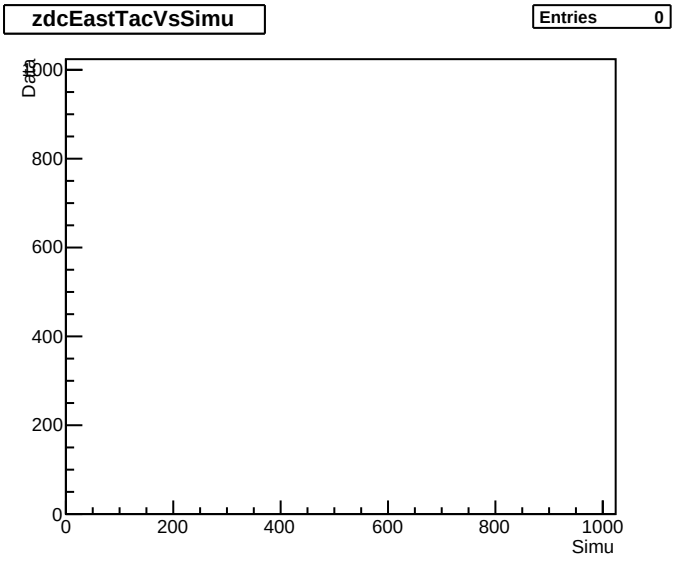
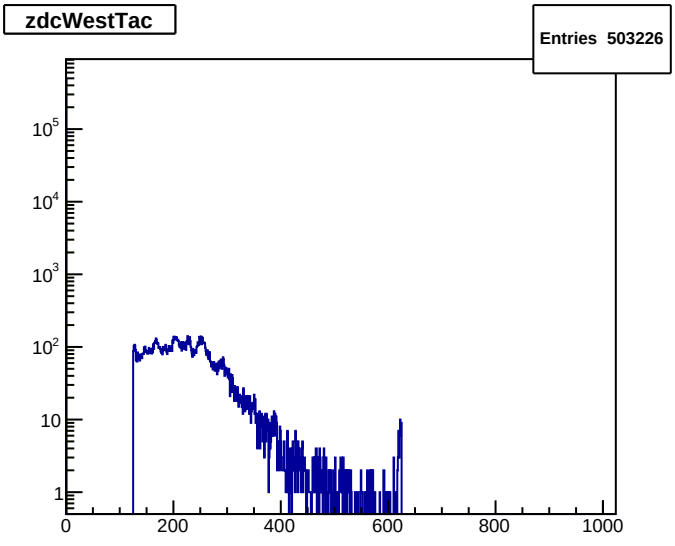
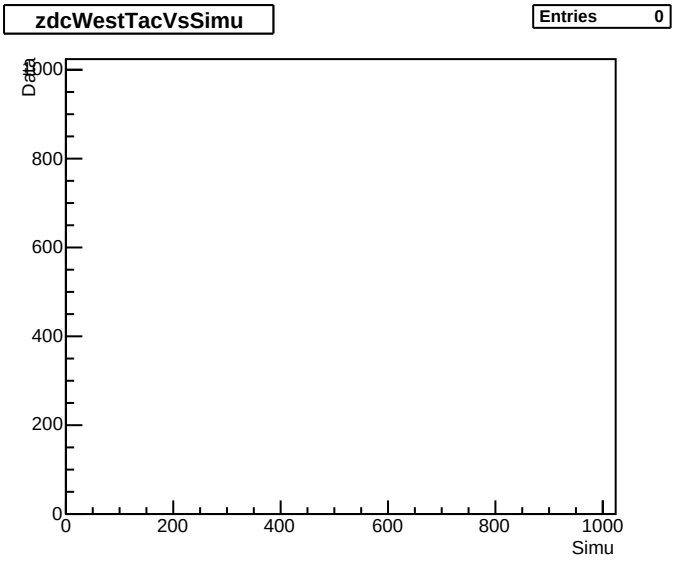
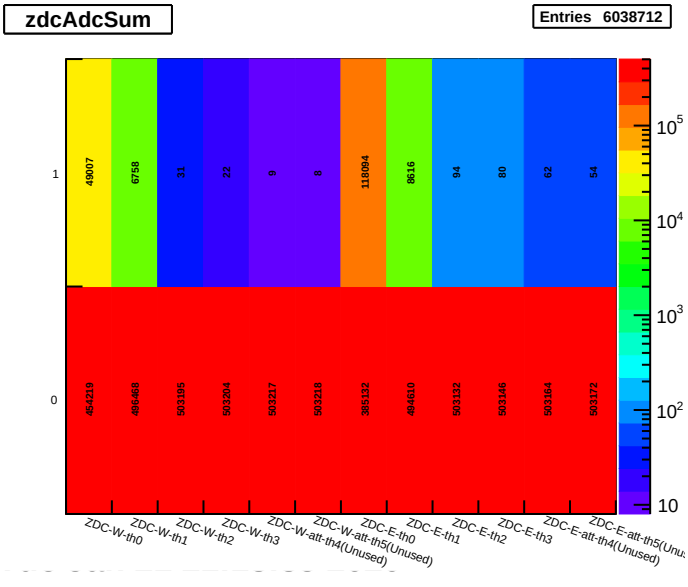
Entries 0
Data
Simu


zdcEastTac
Entries 503226
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 503226
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 6038712
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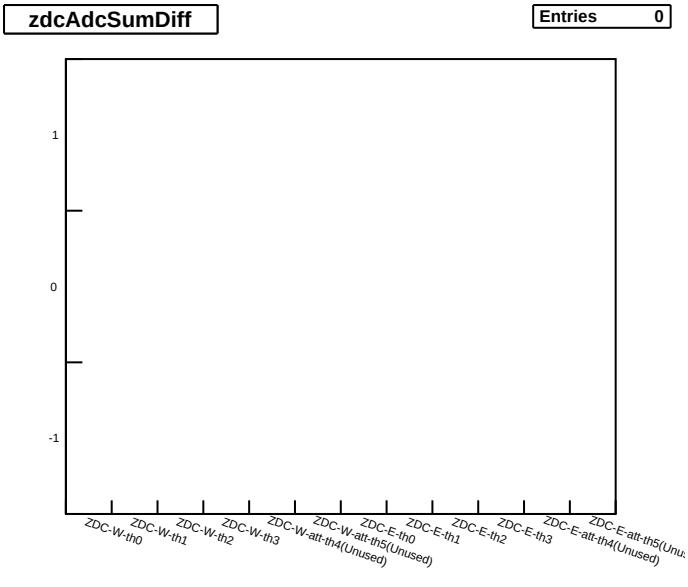
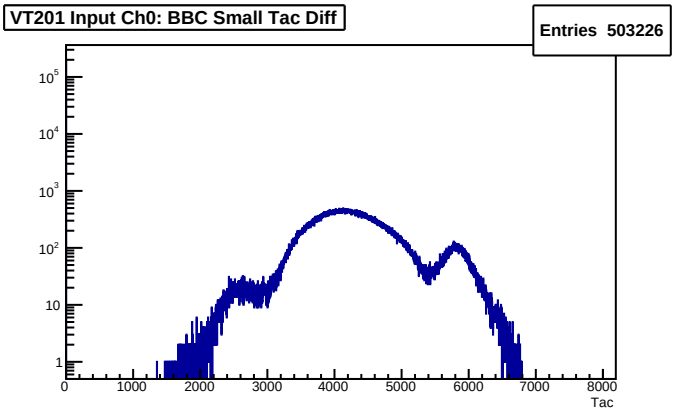
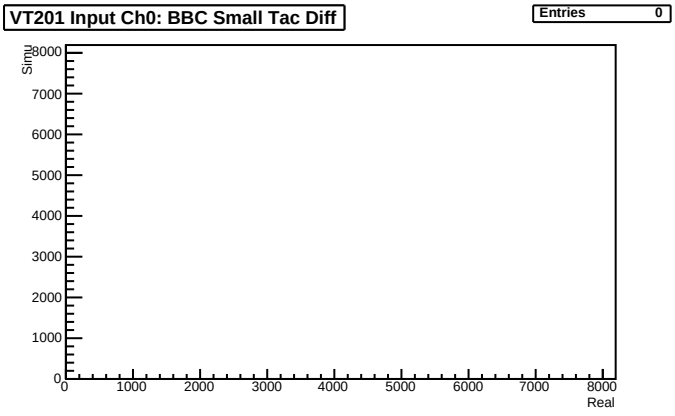
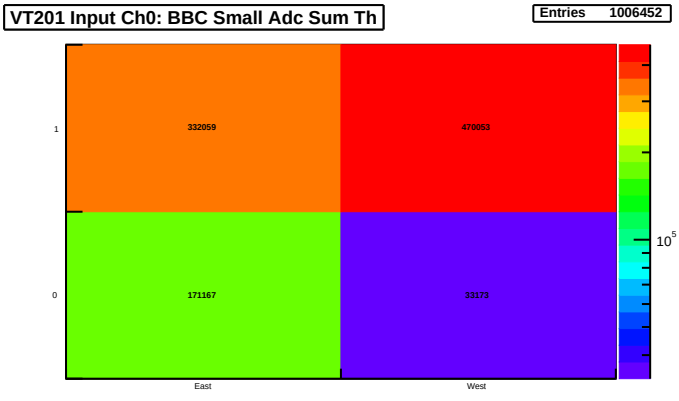
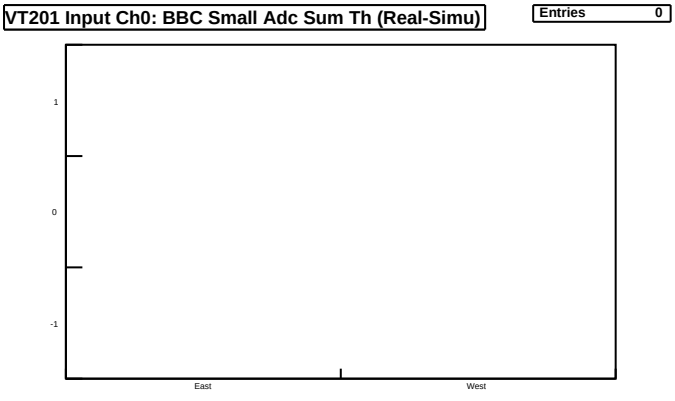
0
49007
6758
31
22
9
8
118094
8616
94
80
62
54
454219
486468
503195
503204
503217
503218
385132
494610
503132
503146
503164
503172
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

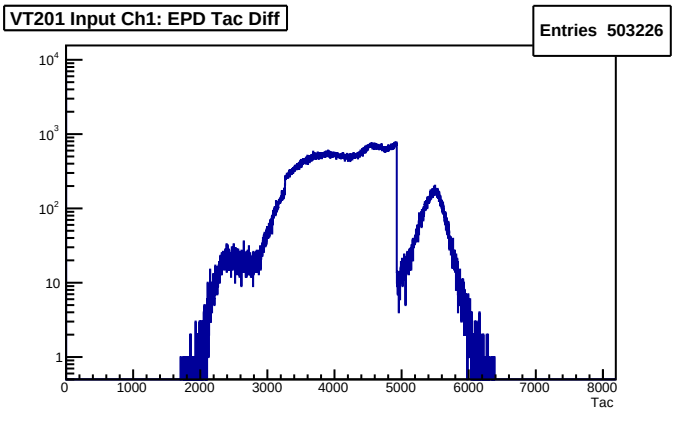

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

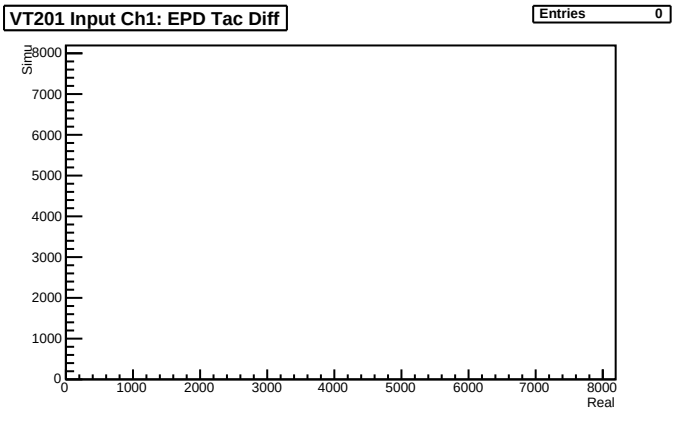

VT201 Input Ch0: BBC Small Tac Diff
Entries 503226
Tac

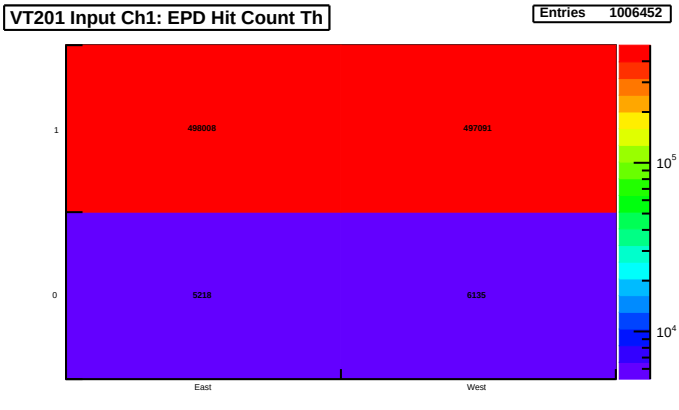

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

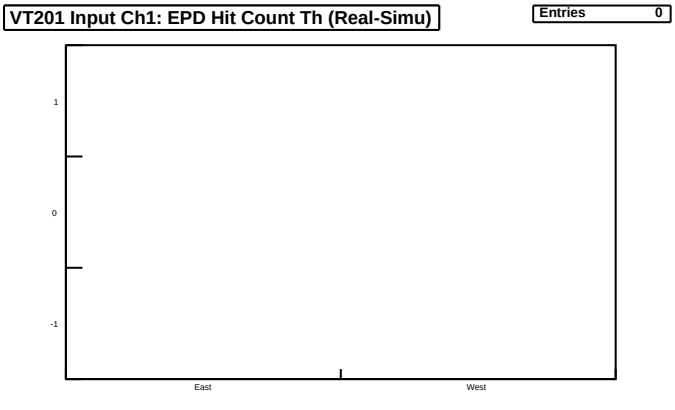

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1006452
332059
470053
171167
33173
East
West

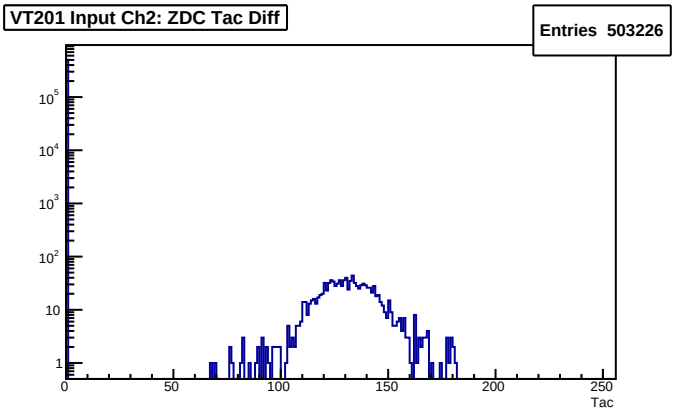

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

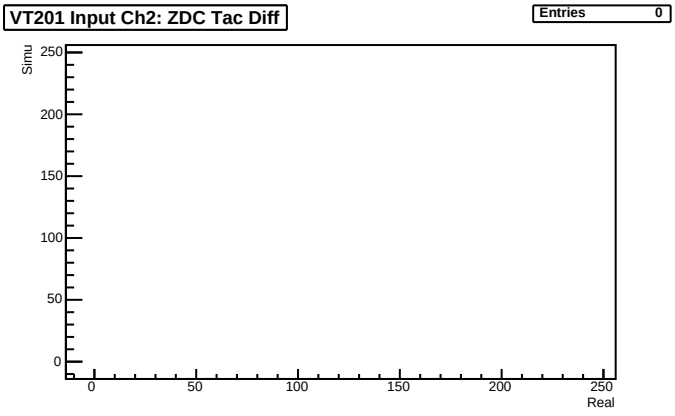

VT201 Input Ch1: EPD Tac Diff
Entries 503226
Tac

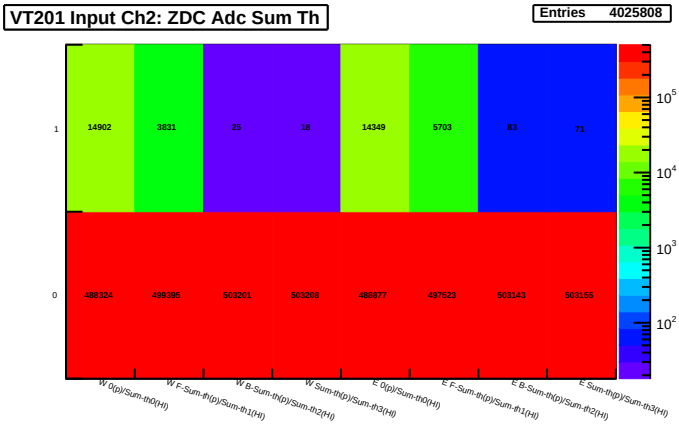

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

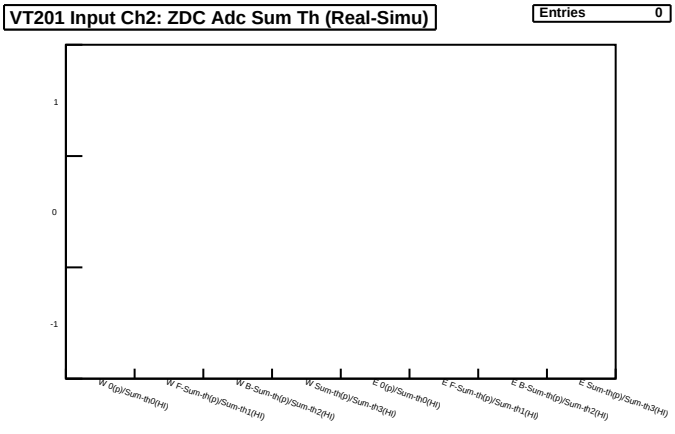

VT201 Input Ch1: EPD Hit Count Th
Entries 1006452
498008
497091
5218
6135
East
West

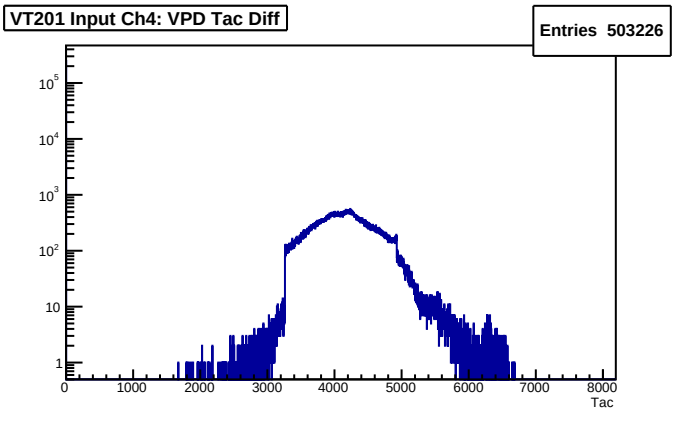

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

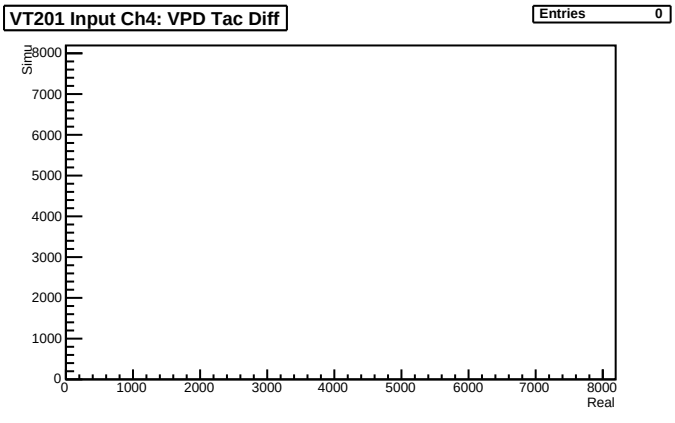

VT201 Input Ch2: ZDC Tac Diff
Entries 503226
Tac

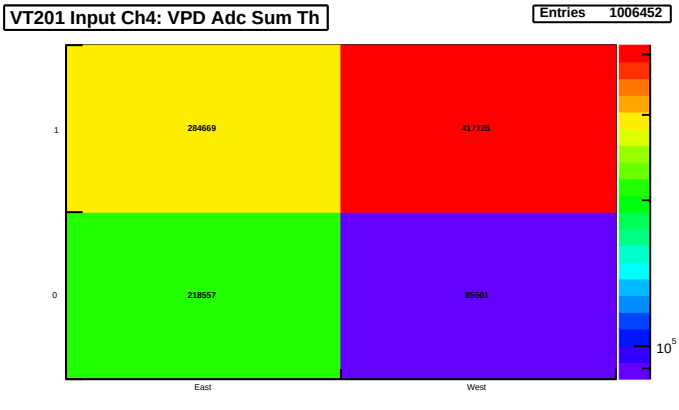

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

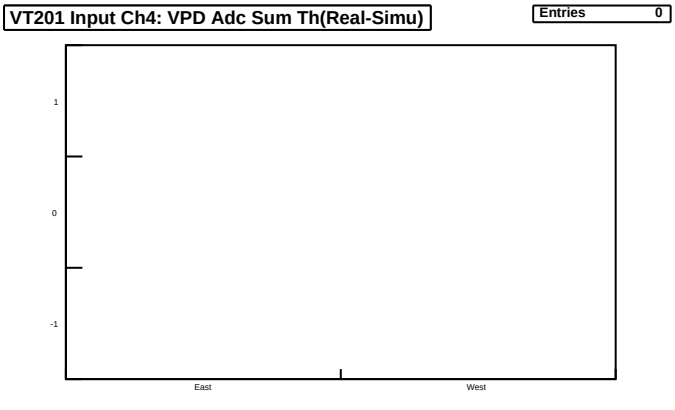

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4025808
14902
3831
25
18
14349
5703
83
71
488324
499395
503201
503208
488877
497523
503143
503155
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

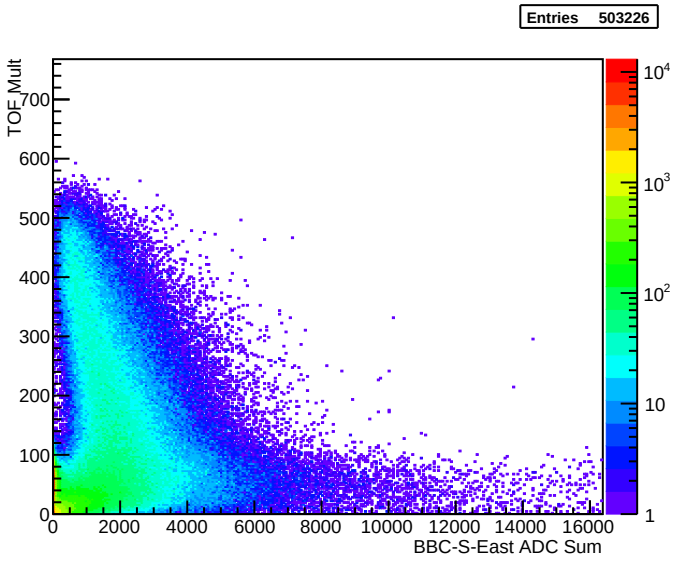

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

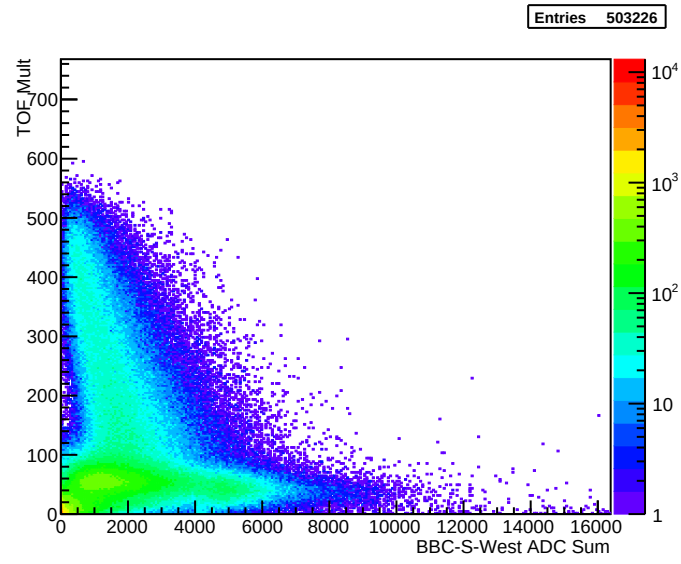

VT201 Input Ch4: VPD Tac Diff
Entries 503226
Tac

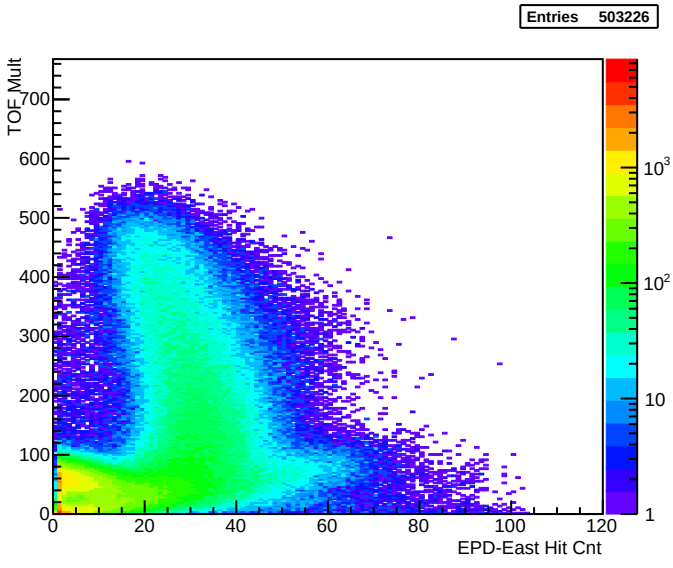

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

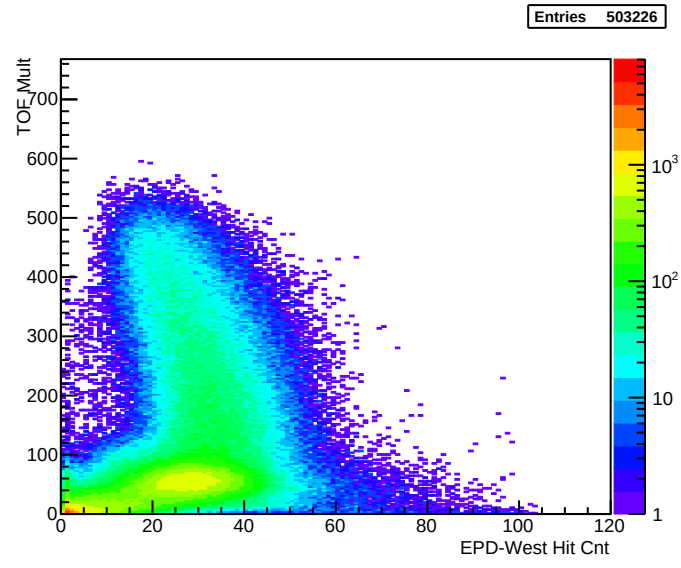

VT201 Input Ch4: VPD Adc Sum Th
Entries 1006452
284669
417725
218557
85501
East
West

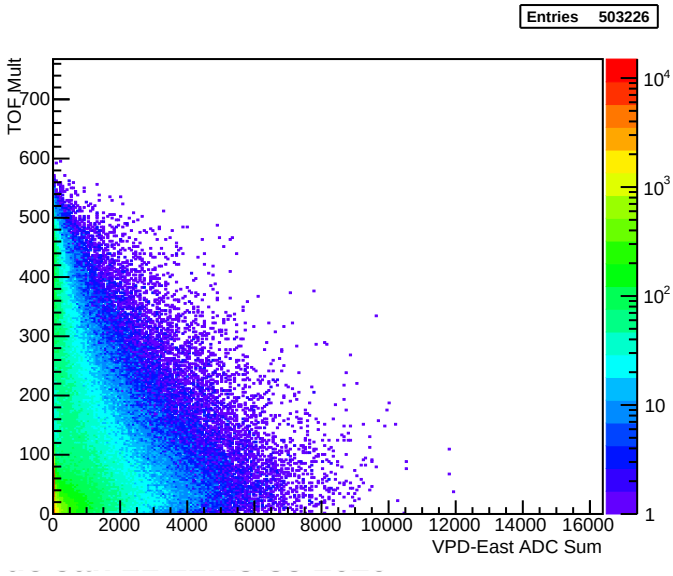

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

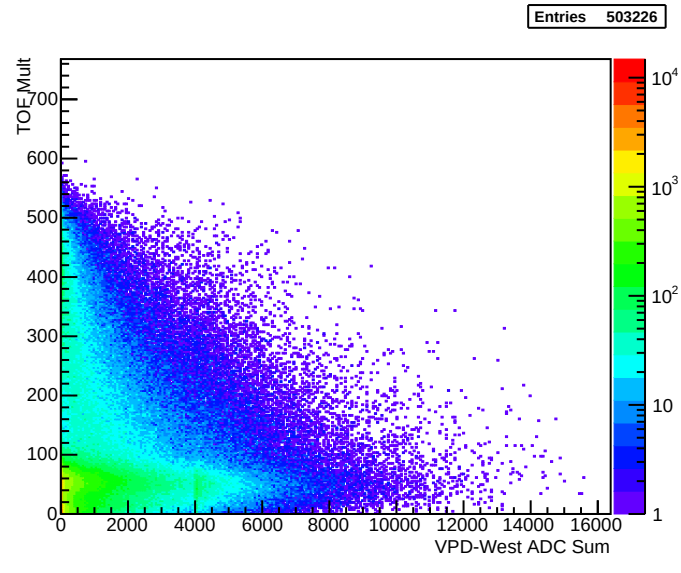

Entries 503226
TOF_Mult
BBC-S-East ADC Sum

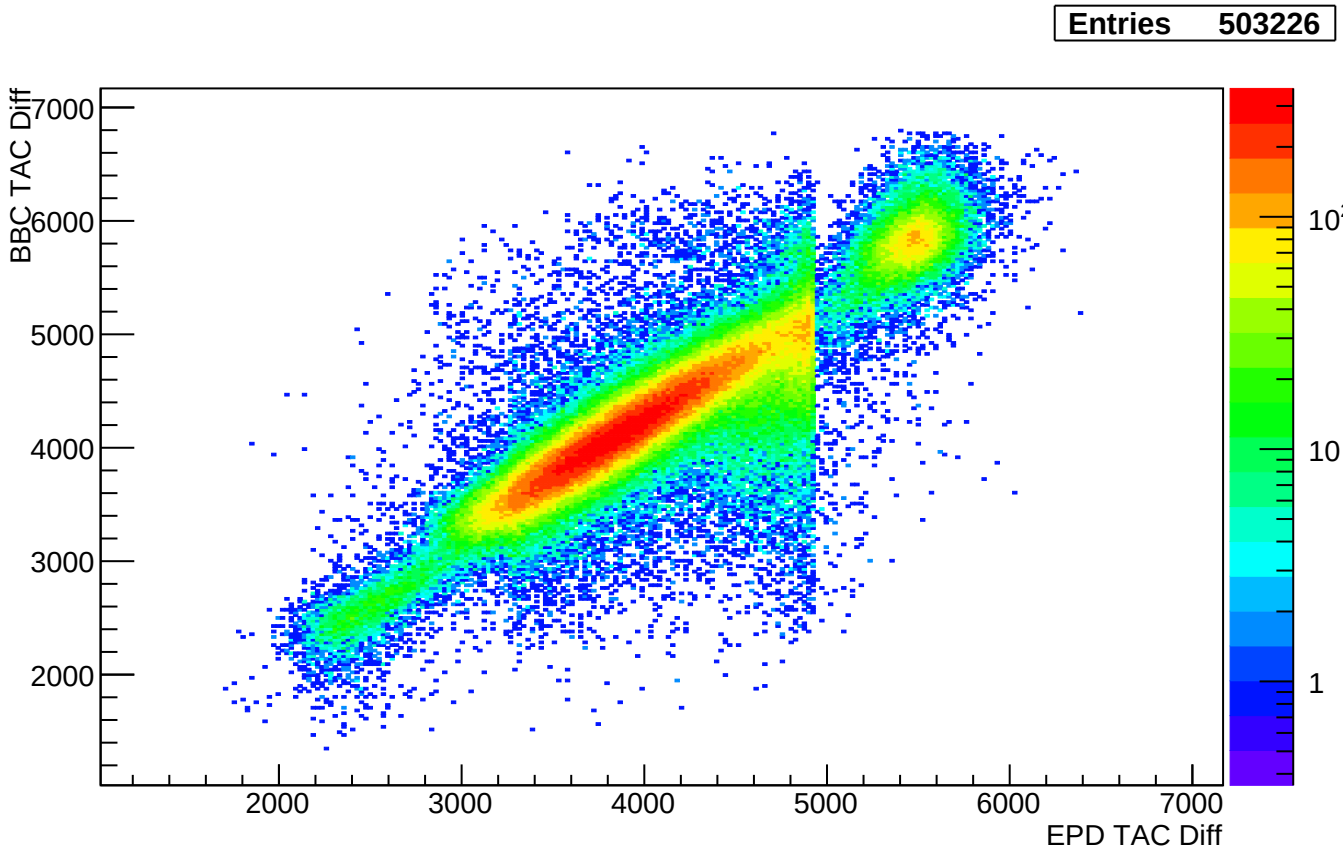

Entries 503226
TOF_Mult
BBC-S-West ADC Sum

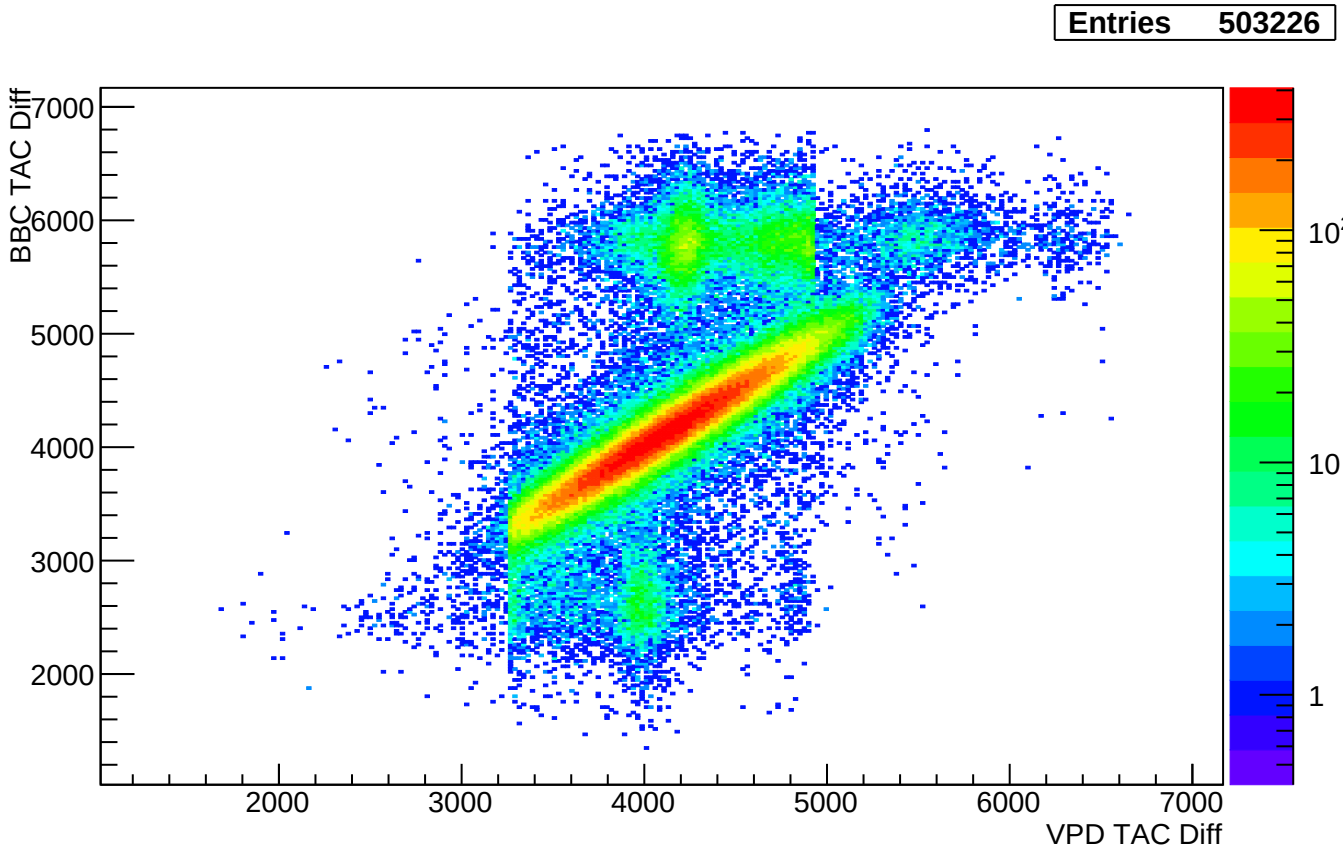

Entries 503226
TOF_Mult
EPD-East Hit Cnt

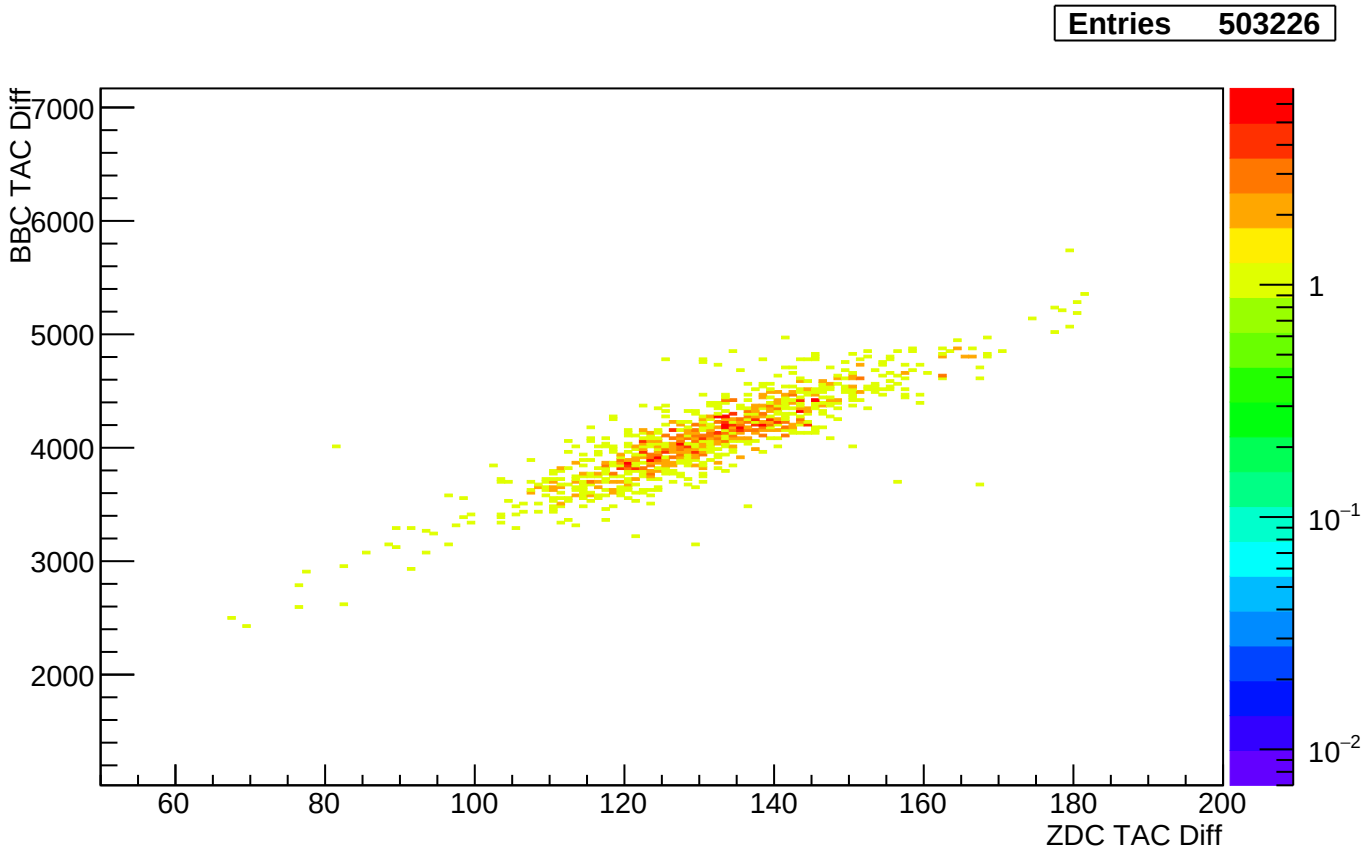

Entries 503226
TOF_Mult
EPD-West Hit Cnt

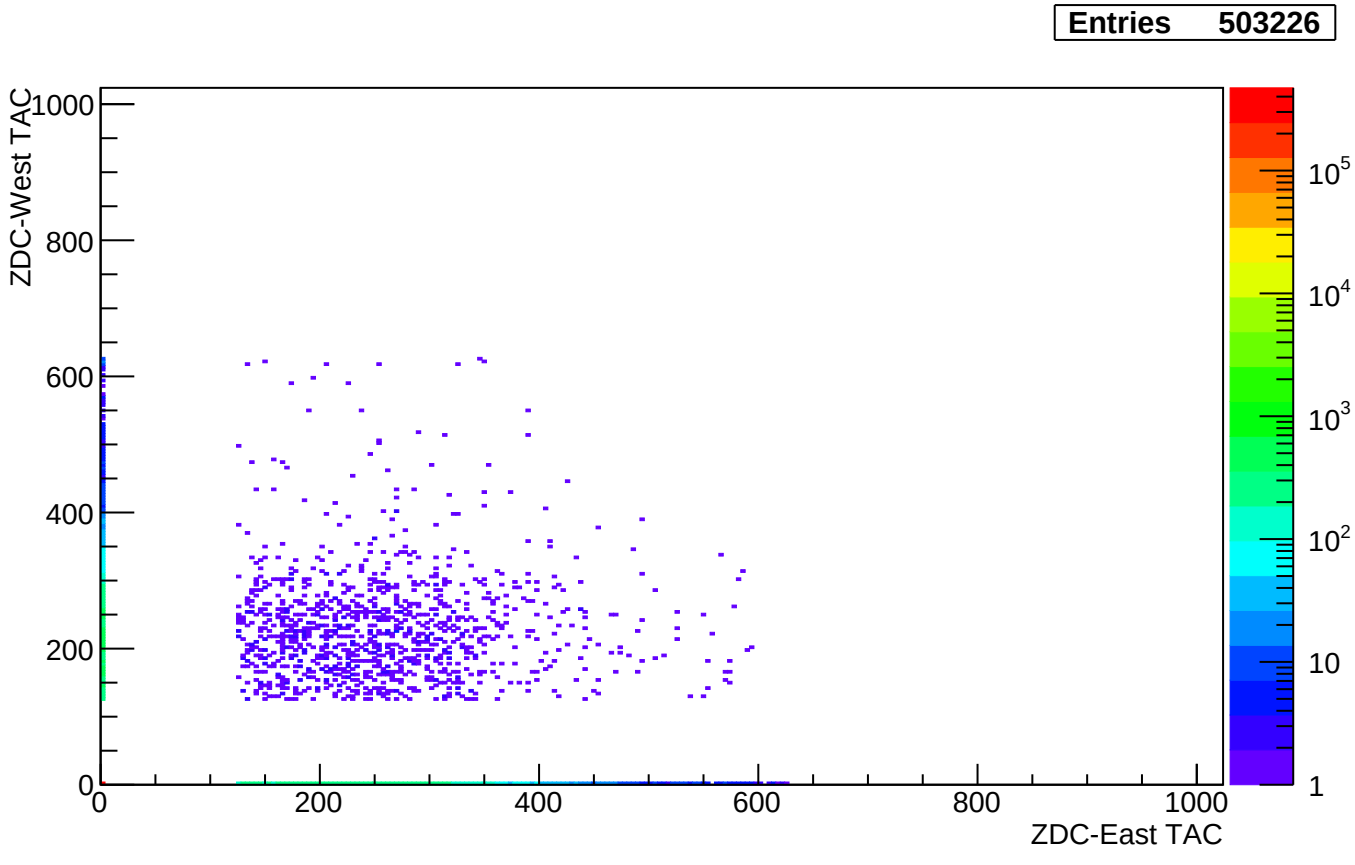

Entries 503226
TOF_Mult
VPD-East ADC Sum

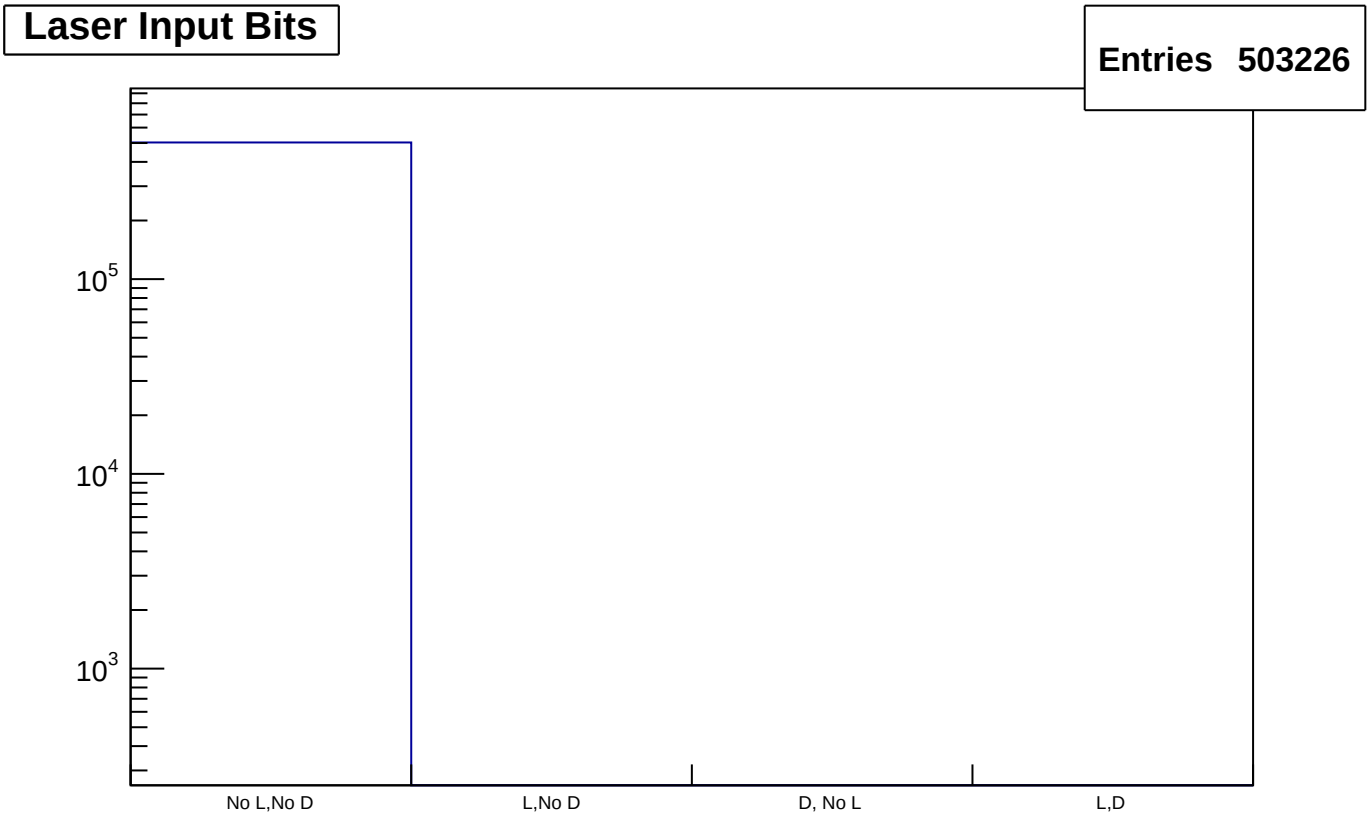

Entries 503226
TOF_Mult
VPD-West ADC Sum

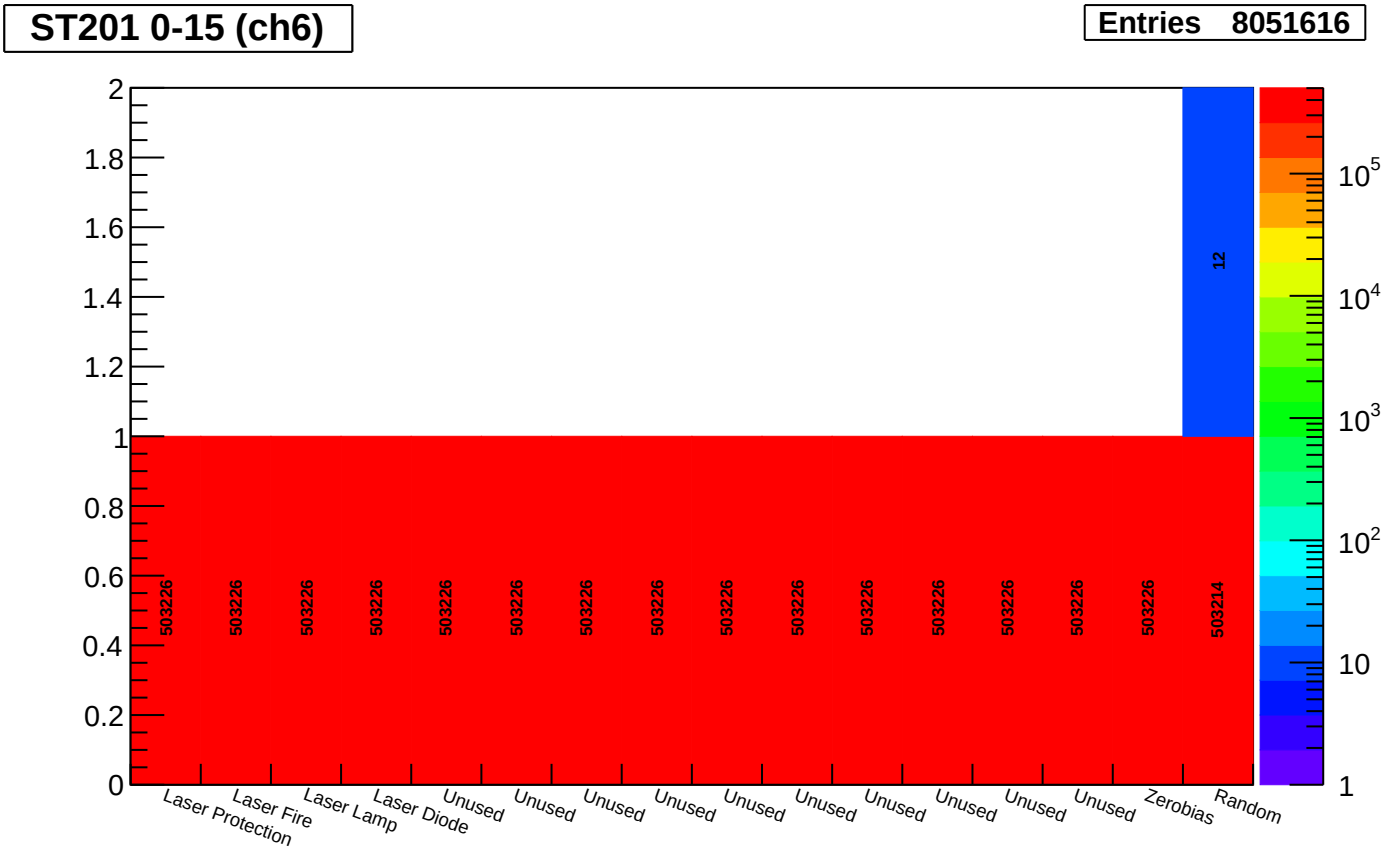

Entries 503226
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

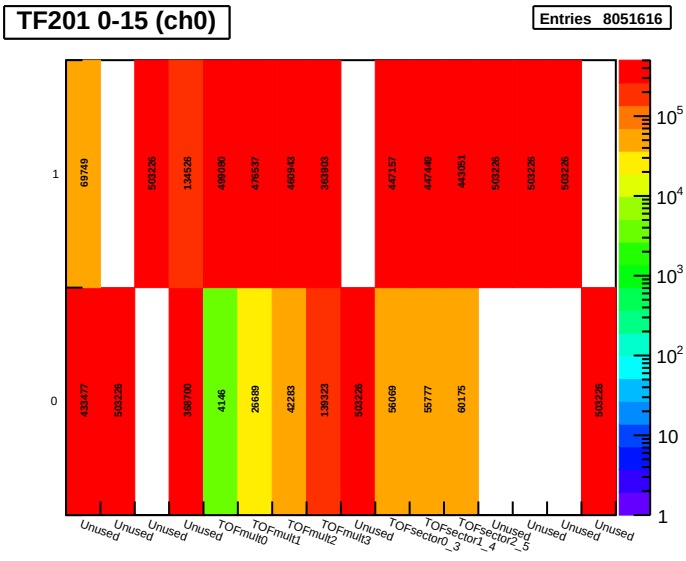

Entries 503226
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

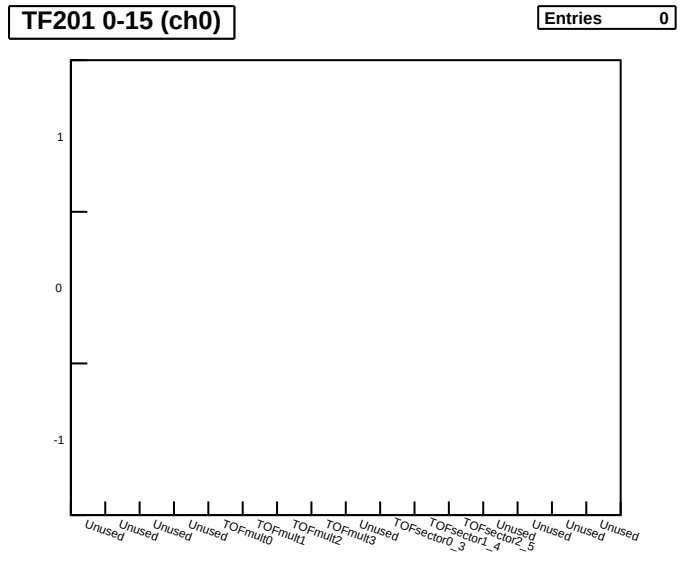

Entries 503226
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

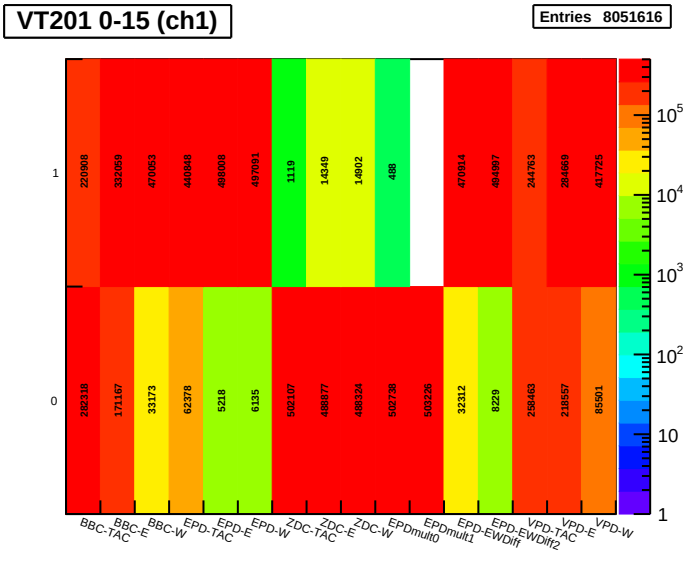

Entries 503226
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

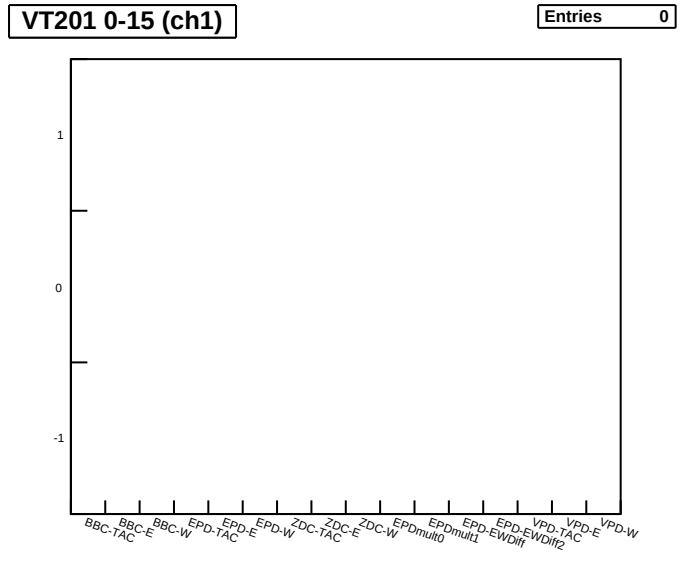

Laser Input Bits
Entries 503226
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

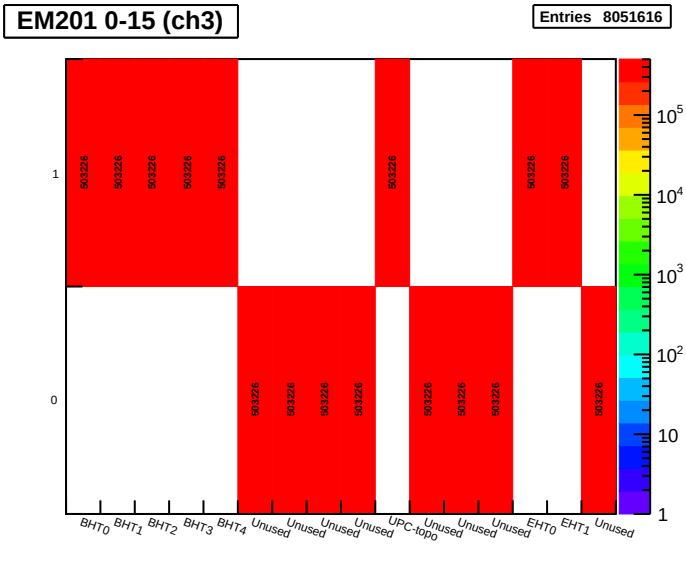

ST201 0-15 (ch6)
Entries 8051616
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
503226
503214
12
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

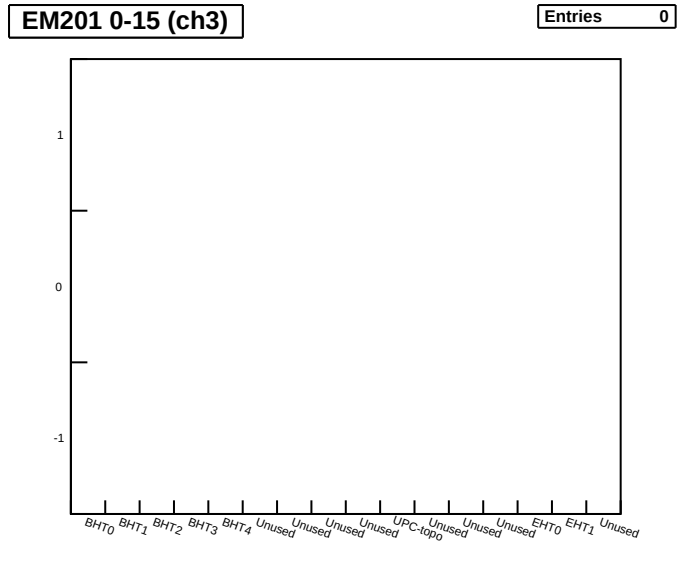

TF201 0-15 (ch0)
Entries 8051616
1
0
69749
503226
134526
499080
476537
460943
363903
447157
447449
443651
503226
503226
503226
433477
503226
368700
4146
26689
42263
139323
503226
56069
55777
60175
503226
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
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 8051616
1
0
220908
332059
470053
440848
498008
497091
1119
14349
14902
488
470914
494997
244763
284669
417725
282318
171167
33173
62378
5218
6135
502107
488877
488324
502738
503226
32312
8229
258463
218557
85501
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 8051616
1
0
503226
503226
503226
503226
503226
503226
503226
503226
503226
503226
503226
503226
503226
503226
503226
503226
503226
503226
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