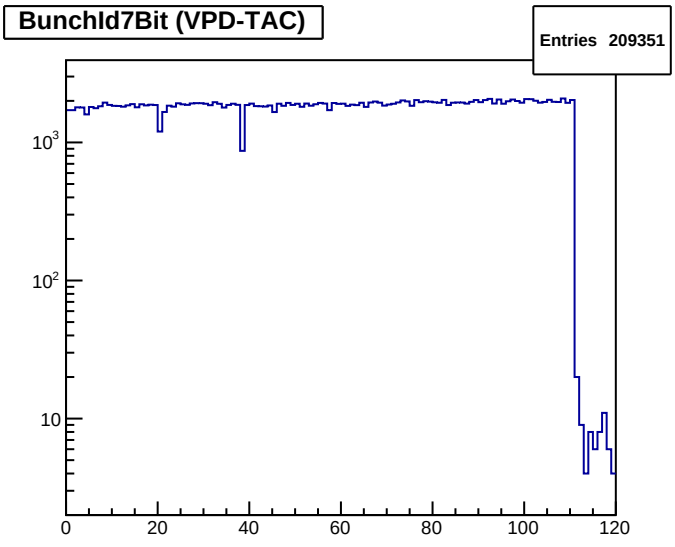
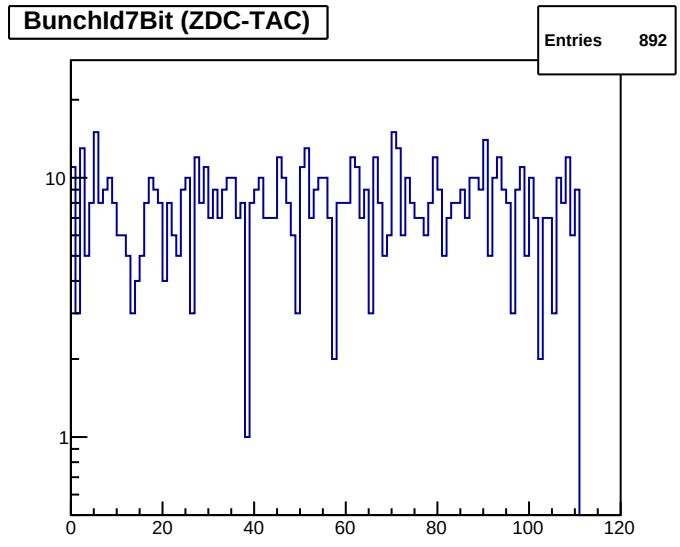
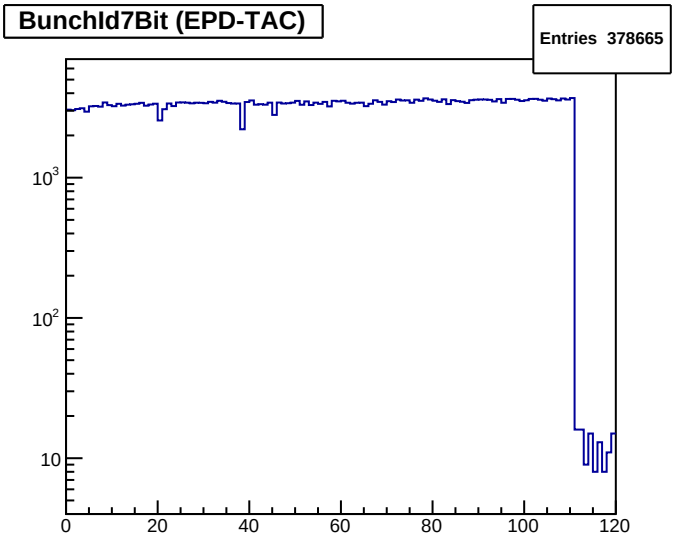
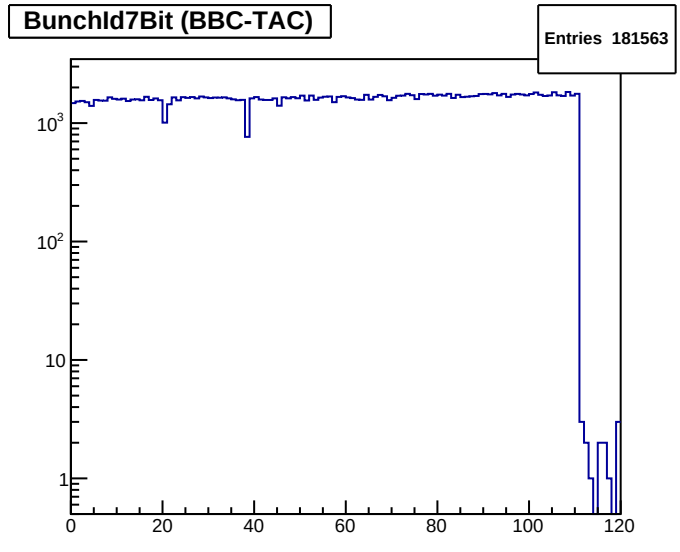
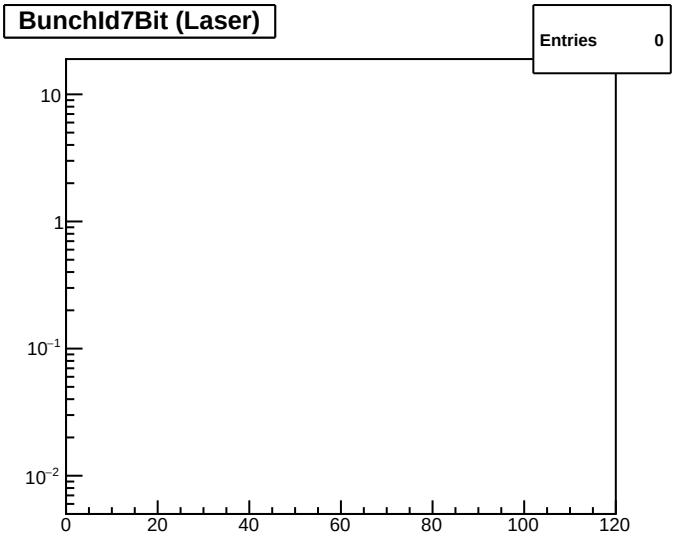
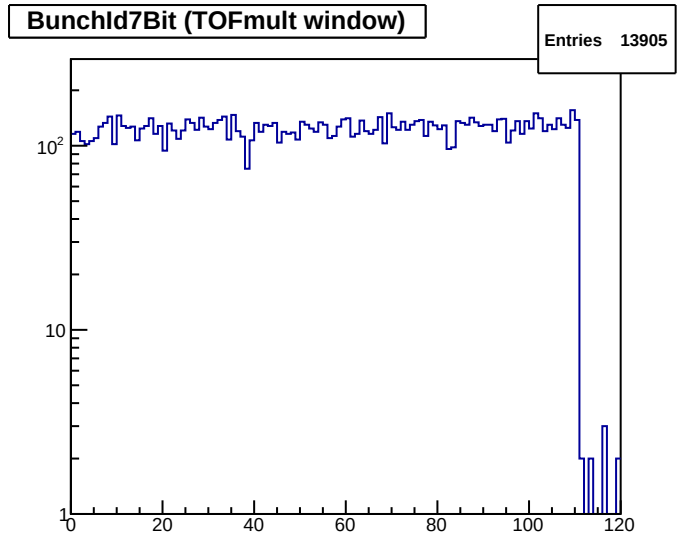

BunchId7Bit (VPD-TAC)
Entries 209351

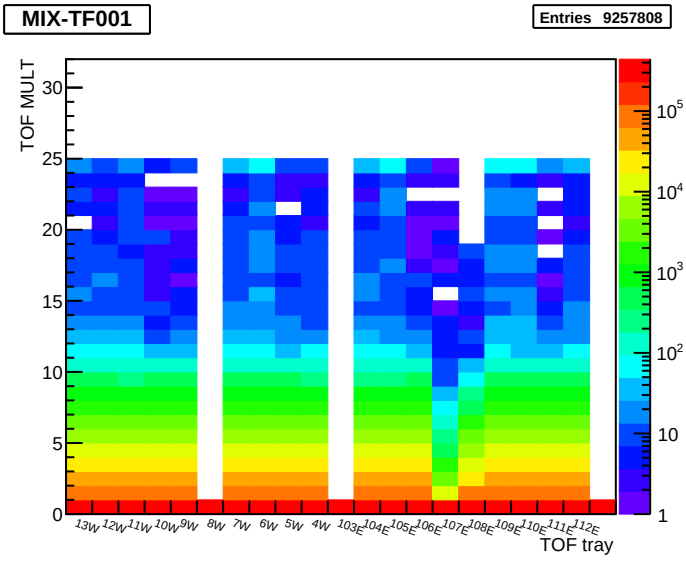

BunchId7Bit (ZDC-TAC)
Entries 892

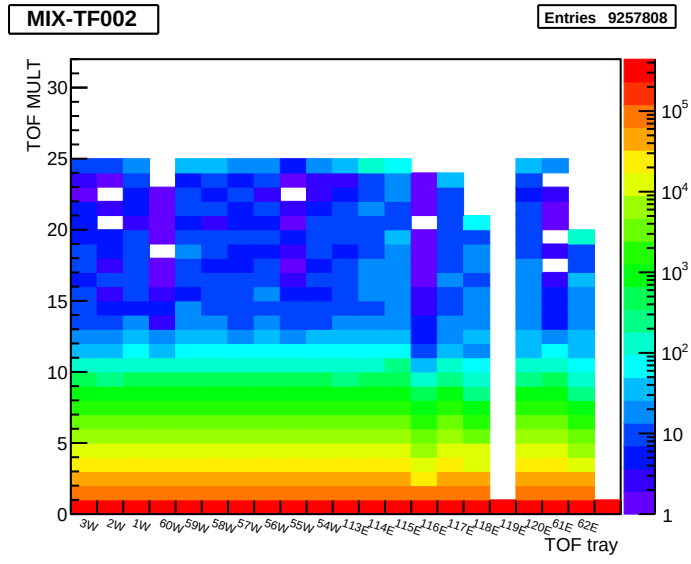

BunchId7Bit (EPD-TAC)
Entries 378665

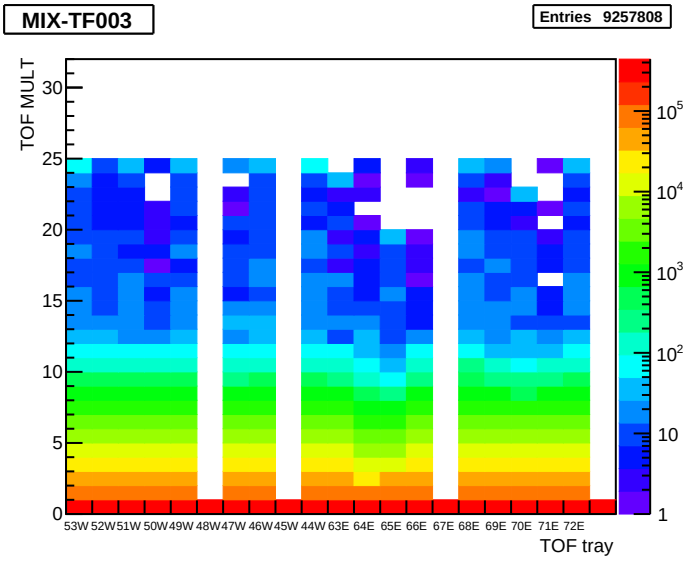

BunchId7Bit (BBC-TAC)
Entries 181563

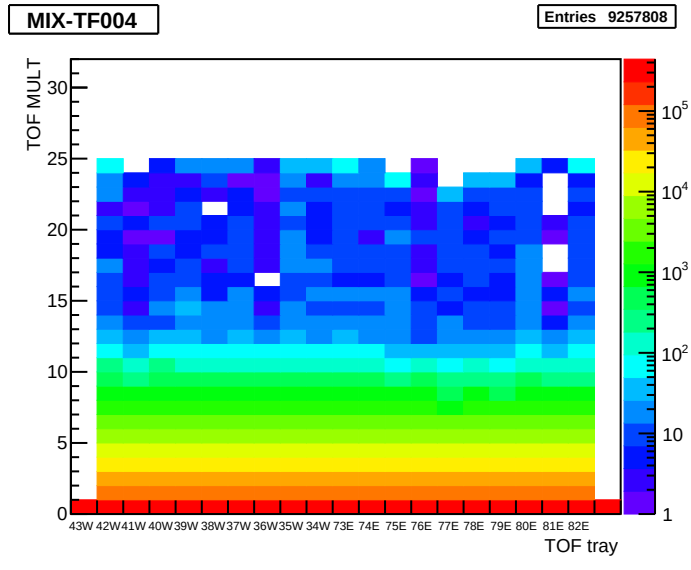

BunchId7Bit (Laser)
Entries 0

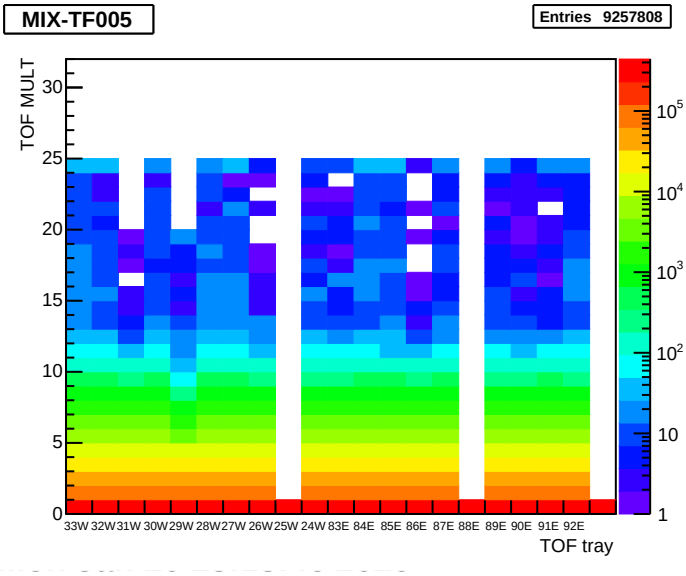

BunchId7Bit (TOFmult window)
Entries 13905

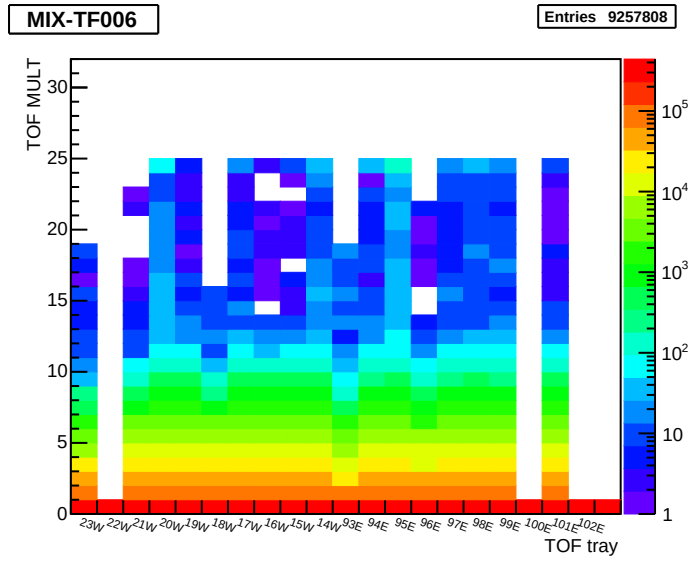

MIX-TF001
Entries 9257808
TOF MULT
TOF tray

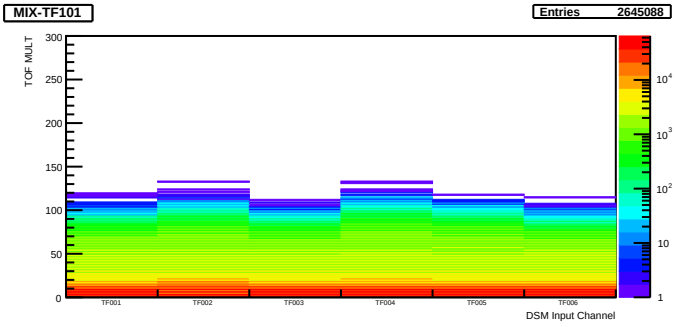

MIX-TF002
Entries 9257808
TOF MULT
TOF tray

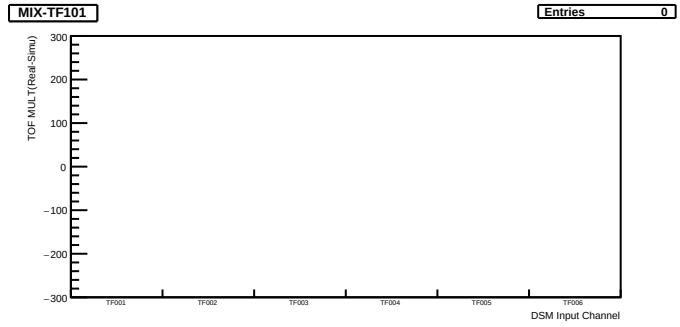

MIX-TF003
Entries 9257808
TOF MULT
TOF tray

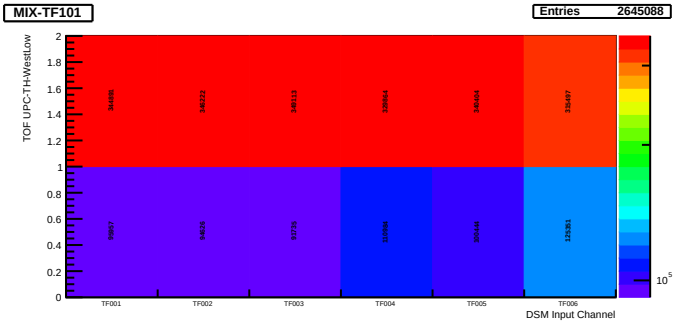

MIX-TF004
Entries 9257808
TOF MULT
TOF tray

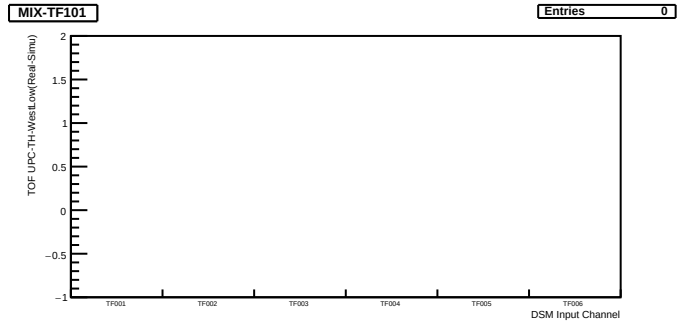

MIX-TF005
Entries 9257808
TOF MULT
TOF tray

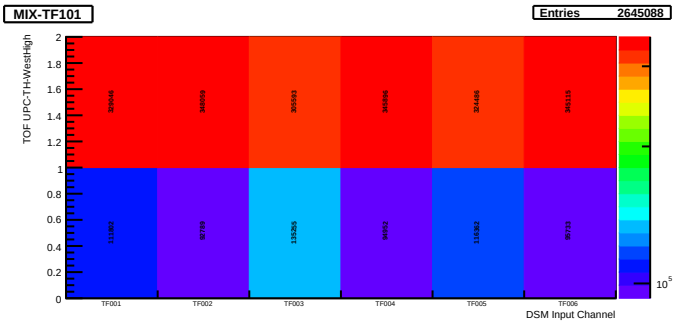

MIX-TF006
Entries 9257808
TOF MULT
TOF tray

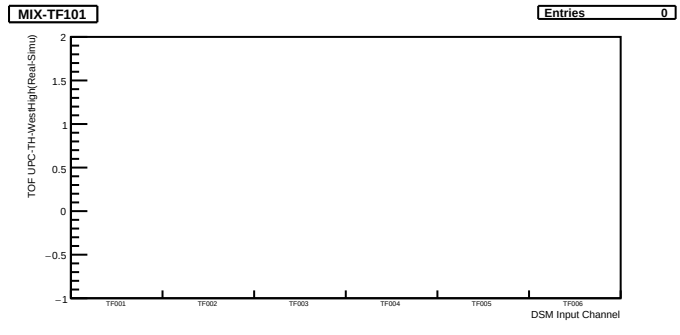

MIX-TF101
Entries 2645088
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

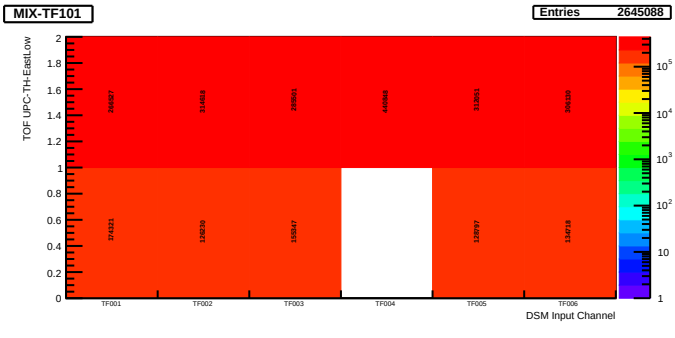

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

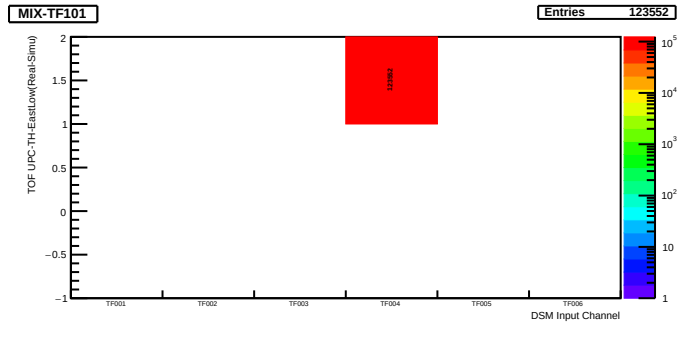

MIX-TF101
Entries 2645088
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

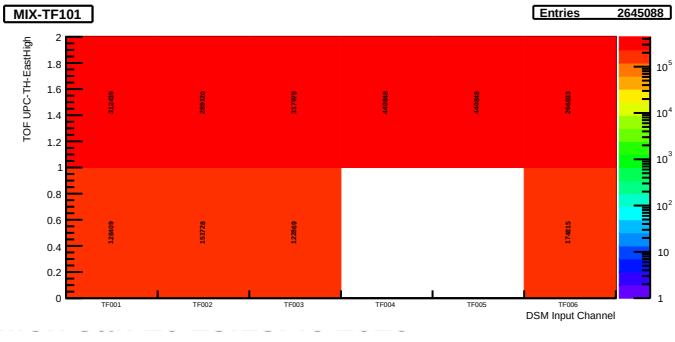

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

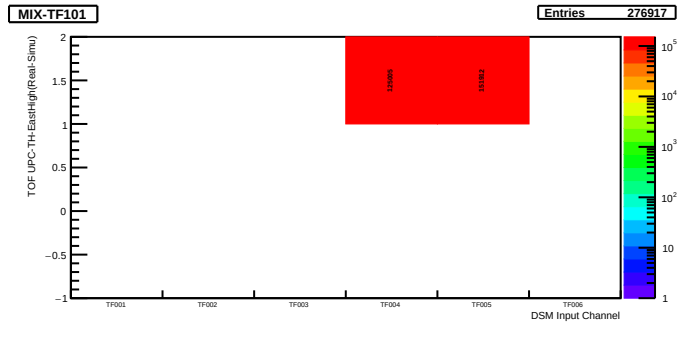

MIX-TF101
Entries 2645088
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

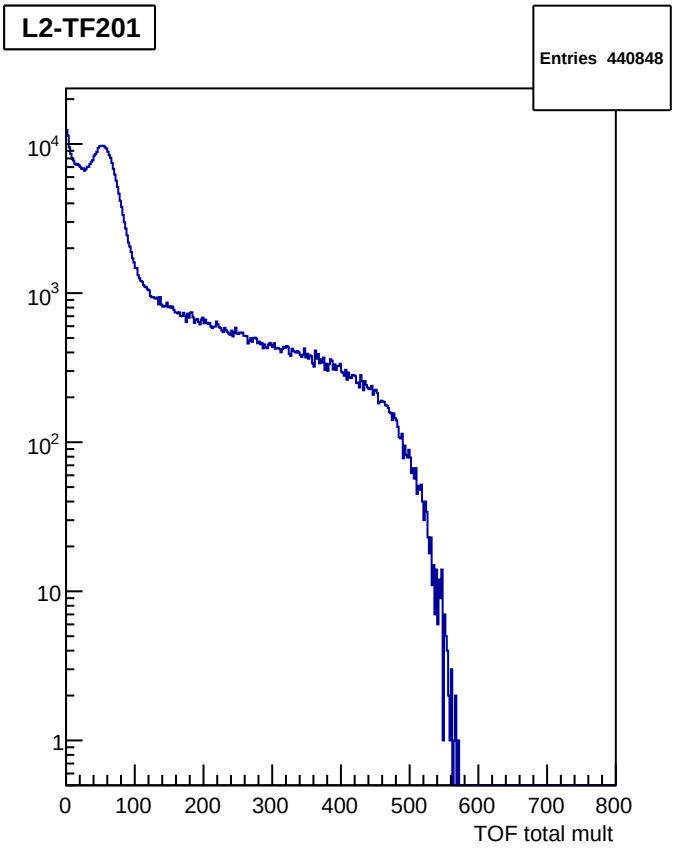

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

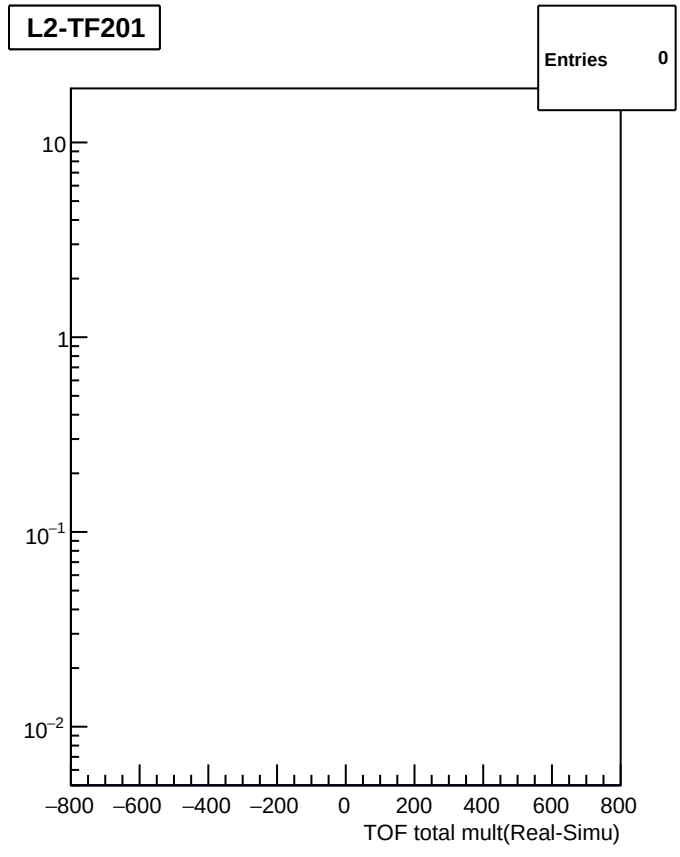

MIX-TF101
Entries 2645088
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

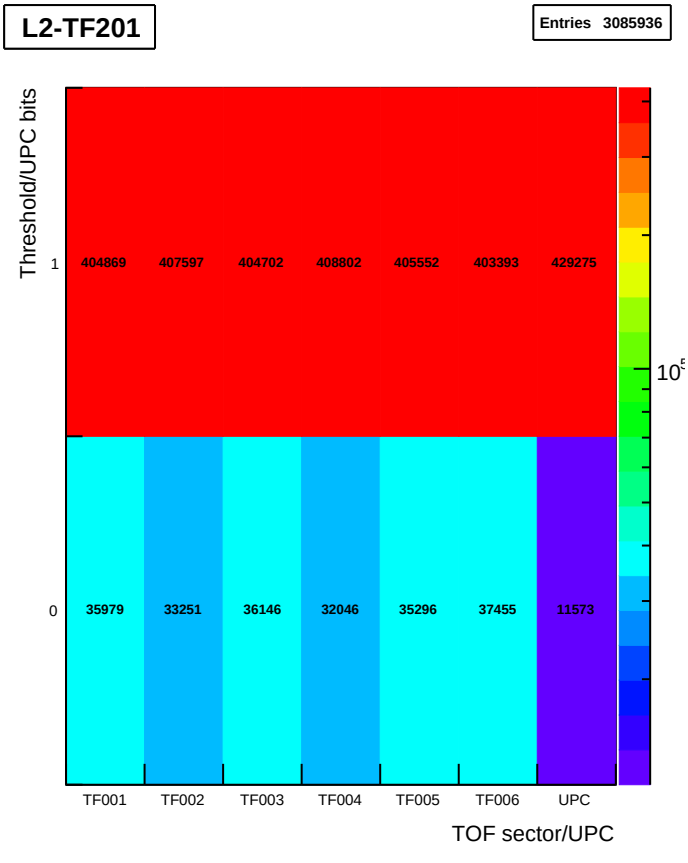

MIX-TF101
Entries 123552
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

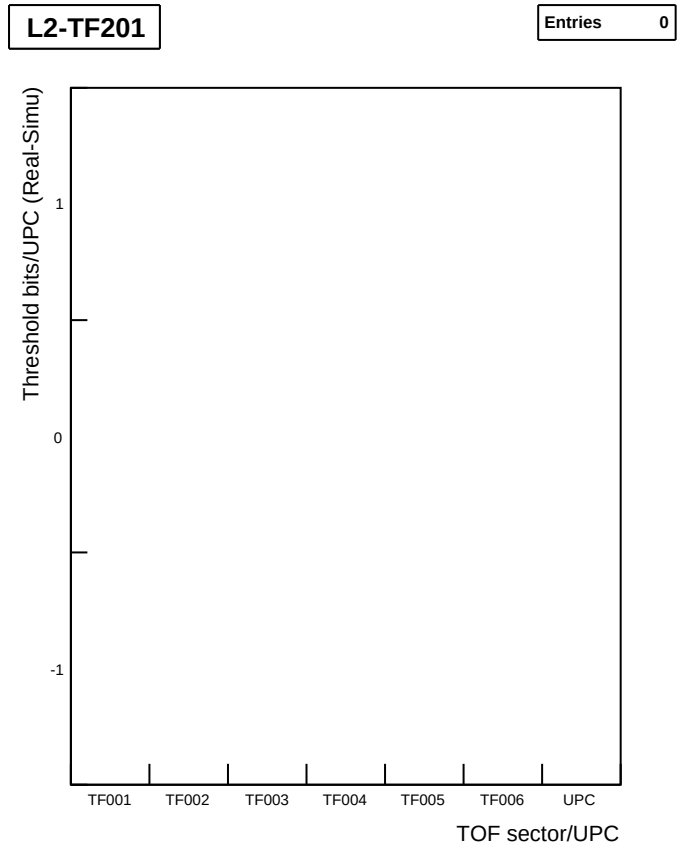

MIX-TF101
Entries 2645088
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

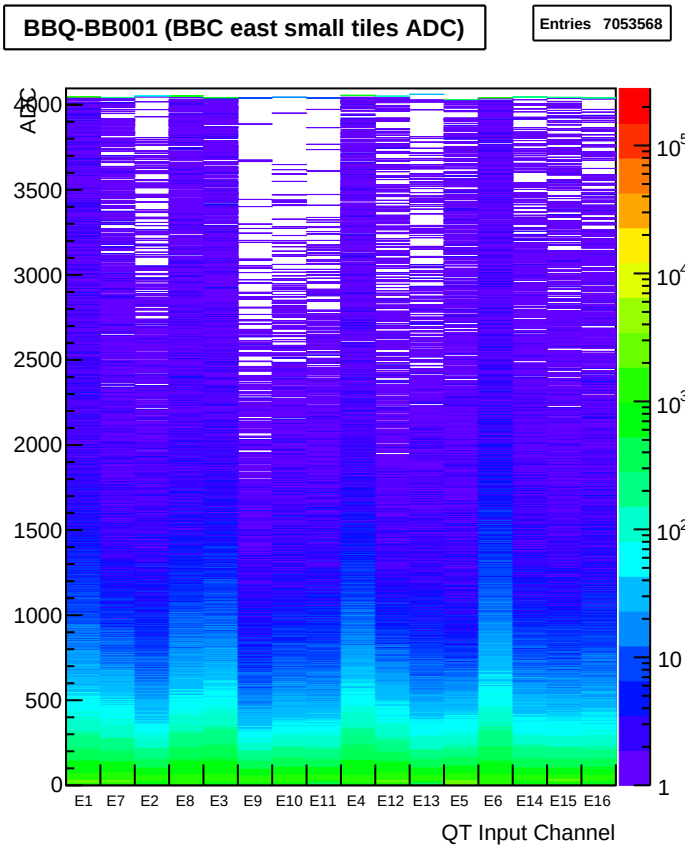

MIX-TF101
Entries 276917
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

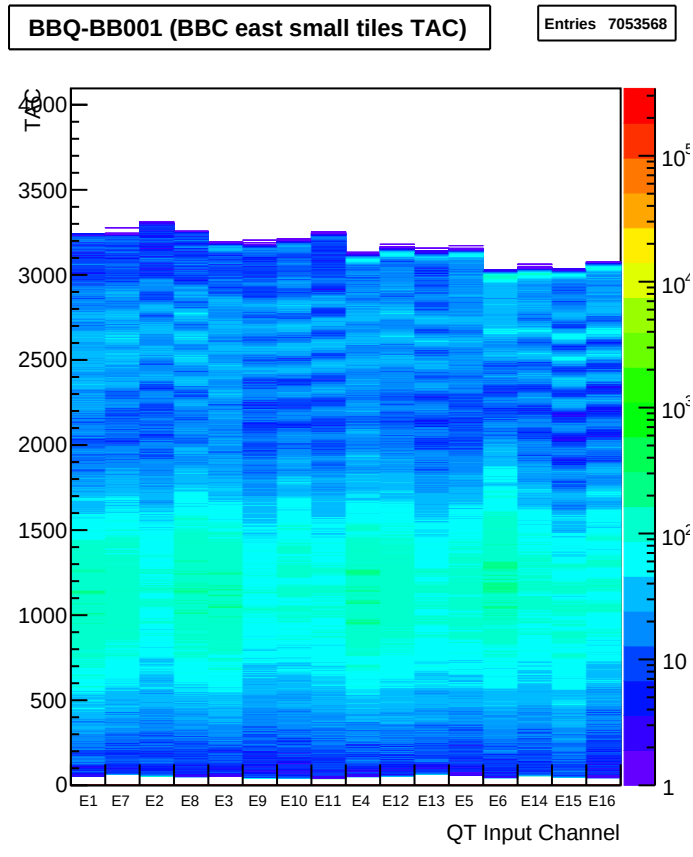

L2-TF201
Entries 440848
TOF total mult

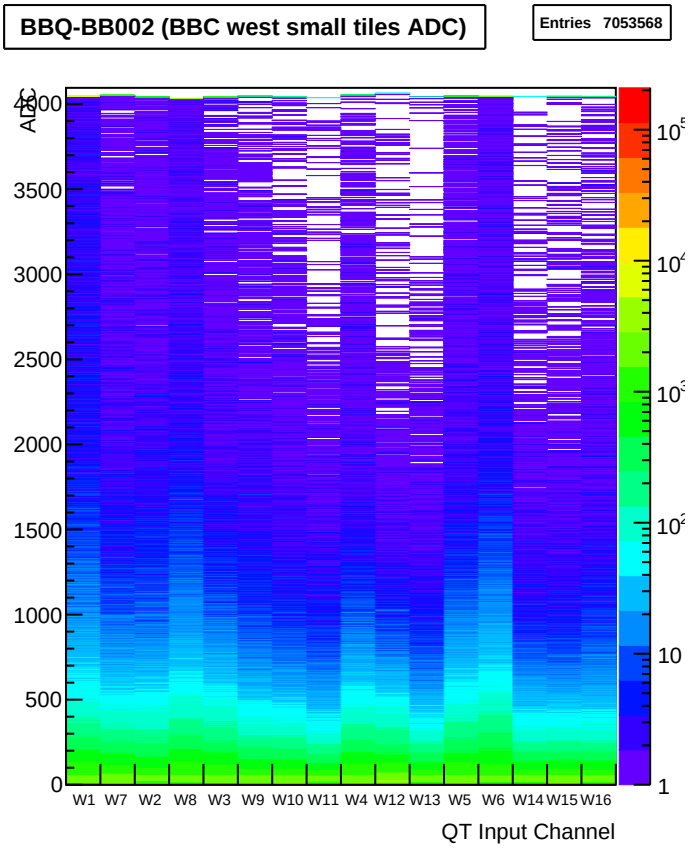

L2-TF201
Entries 0
TOF total mult(Real-Simu)

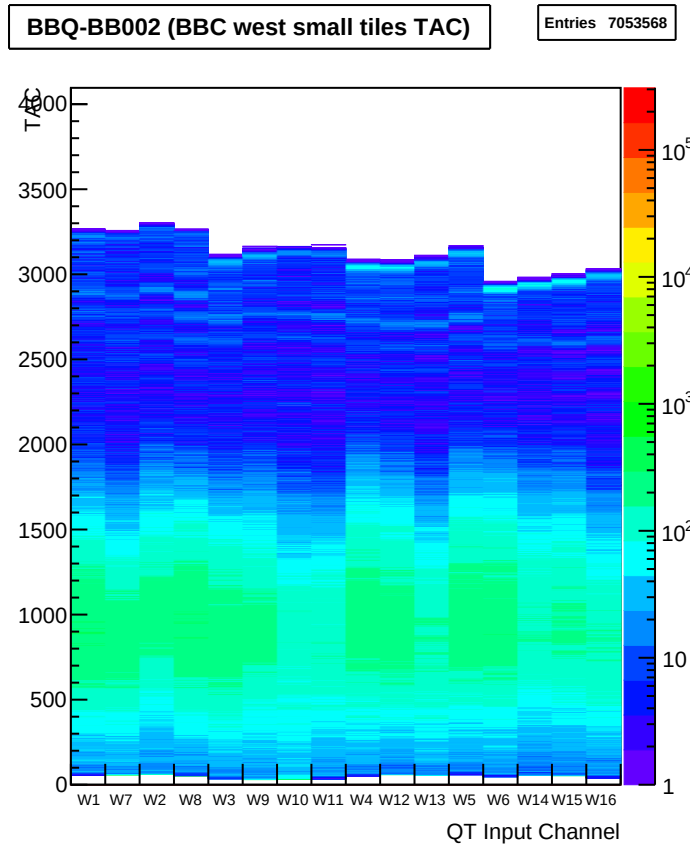

L2-TF201
Entries 3085936
Threshold/UPC bits
404869
407597
404702
408802
405552
403393
429275
35979
33251
36146
32046
35296
37455
11573
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

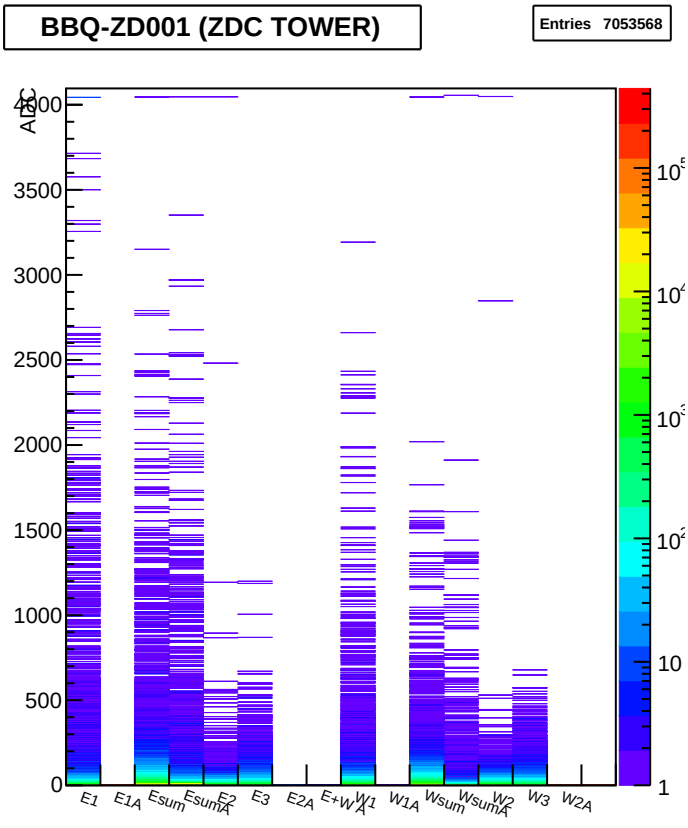

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

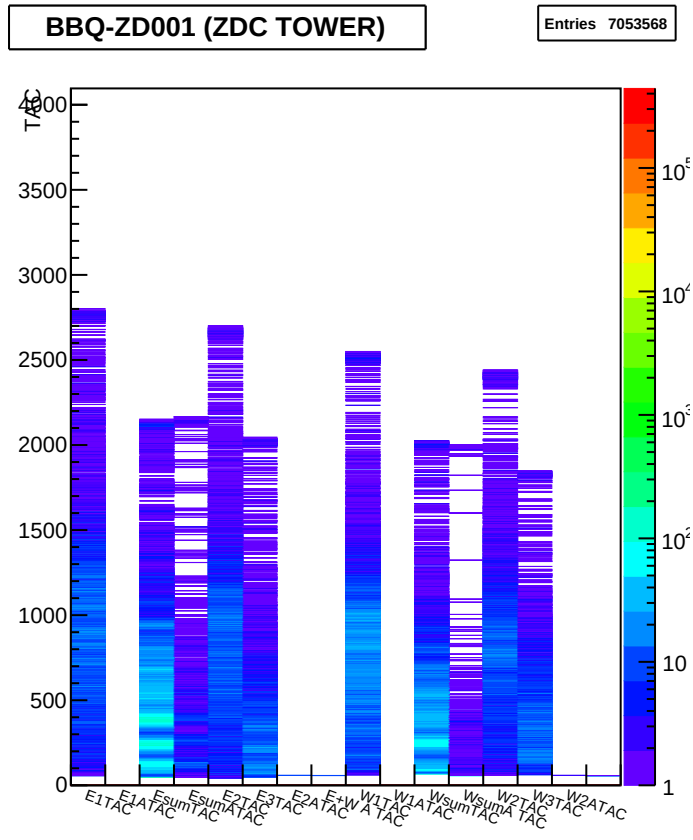

BBQ-BB001 (BBC east small tiles ADC)
Entries 7053568
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

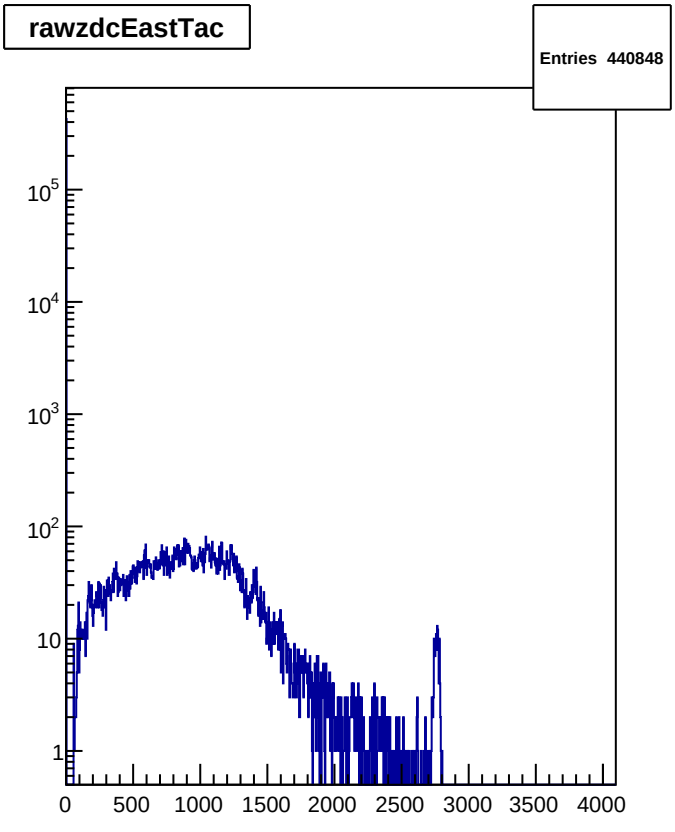

BBQ-BB001 (BBC east small tiles TAC)
Entries 7053568
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

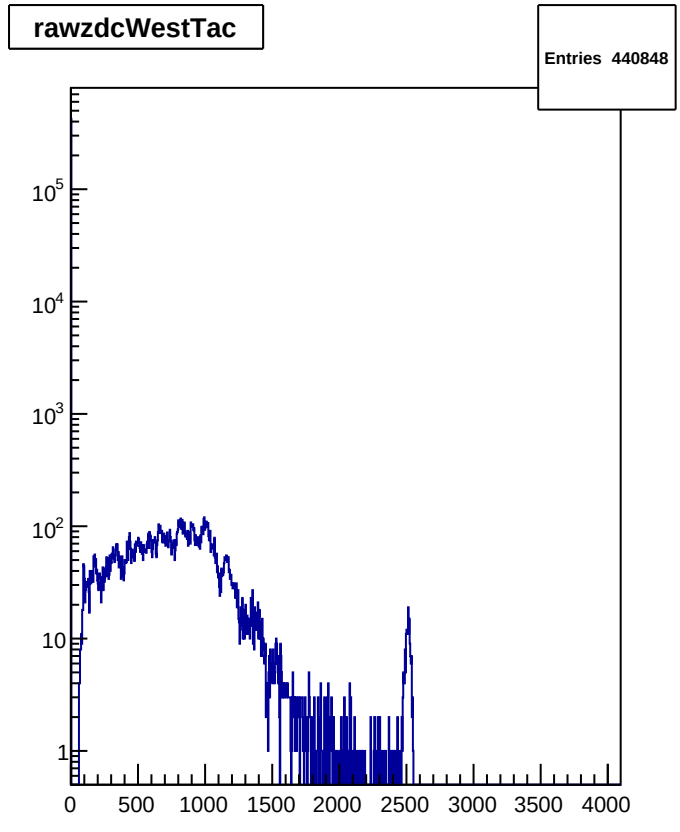

BBQ-BB002 (BBC west small tiles ADC)
Entries 7053568
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

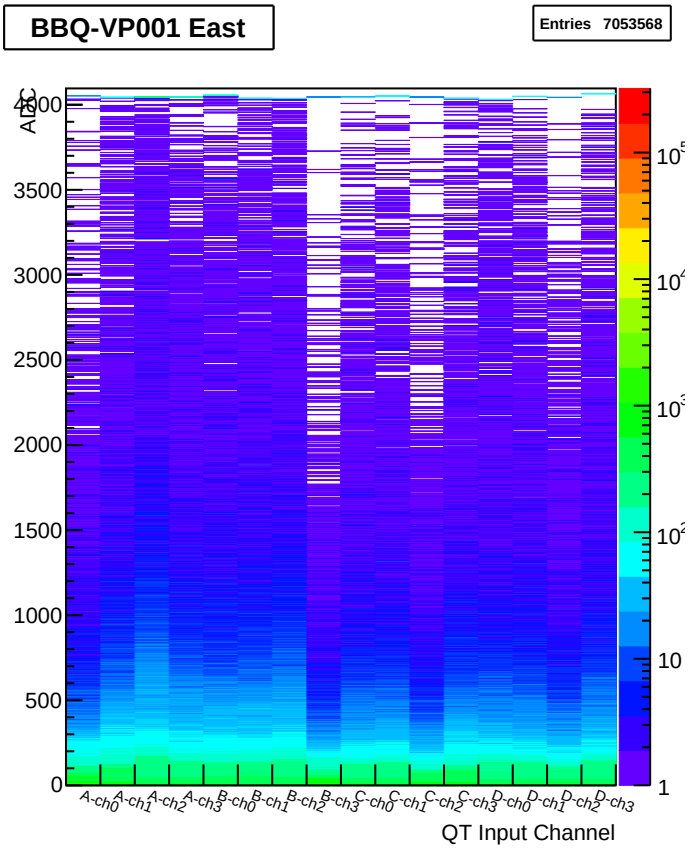

BBQ-BB002 (BBC west small tiles TAC)
Entries 7053568
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

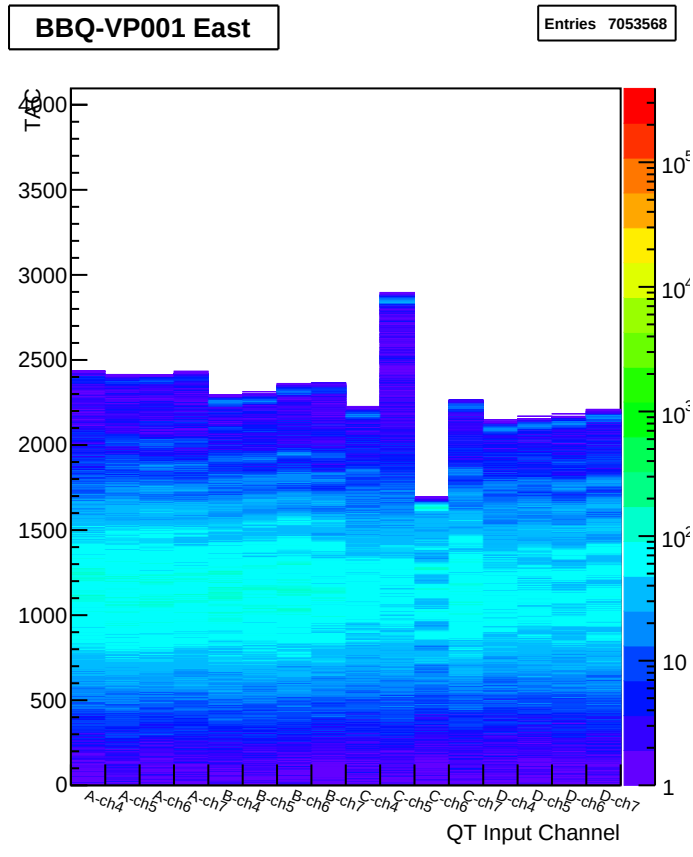

BBQ-ZD001 (ZDC TOWER)
Entries 7053568
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

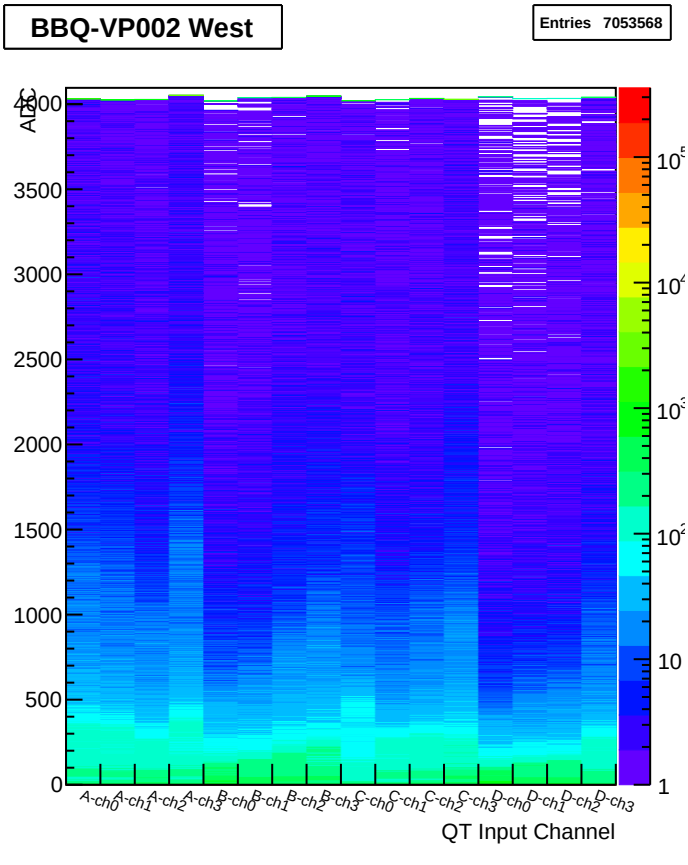

BBQ-ZD001 (ZDC TOWER)
Entries 7053568
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

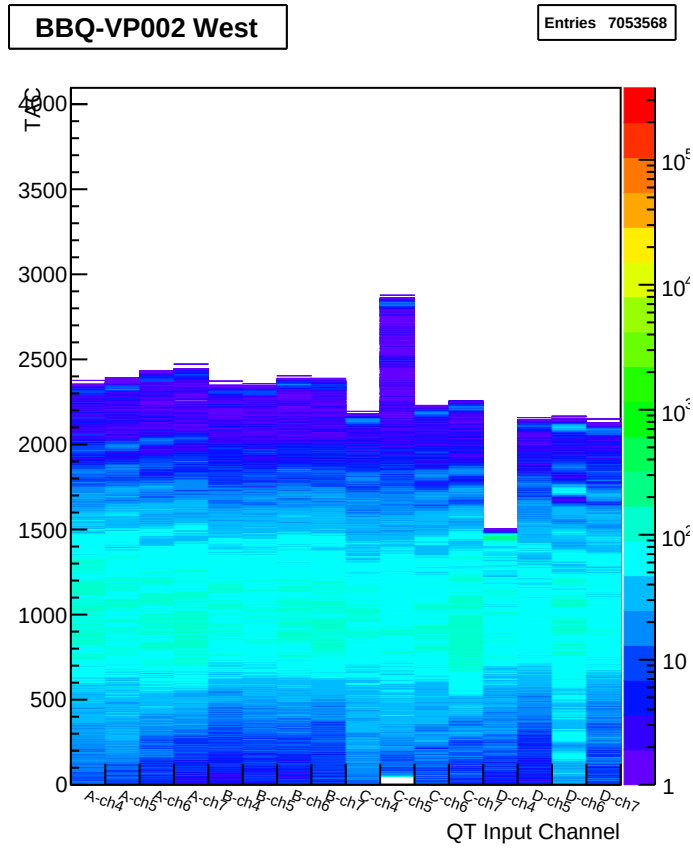

rawzdcEastTac
Entries 440848

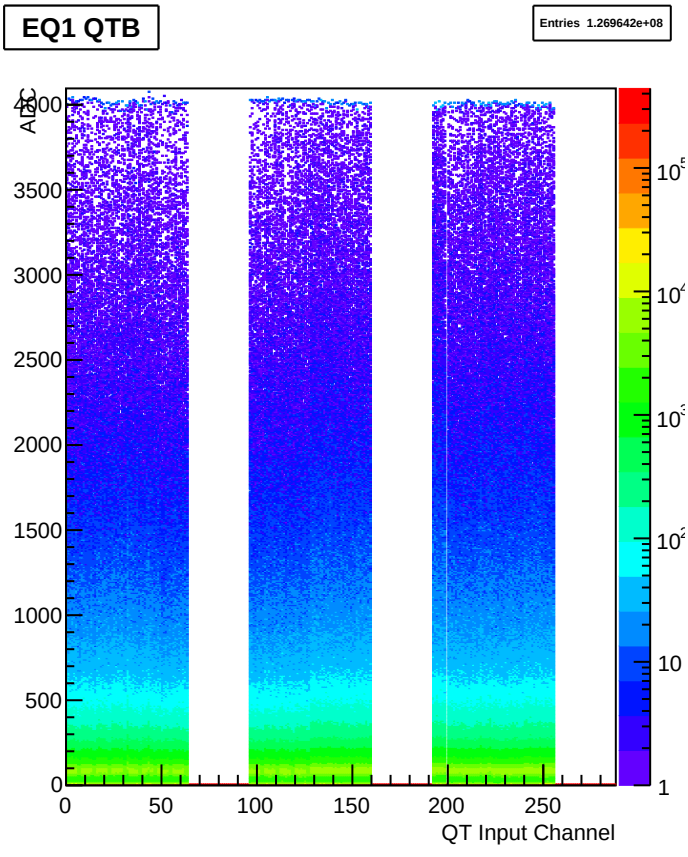

rawzdcWestTac
Entries 440848

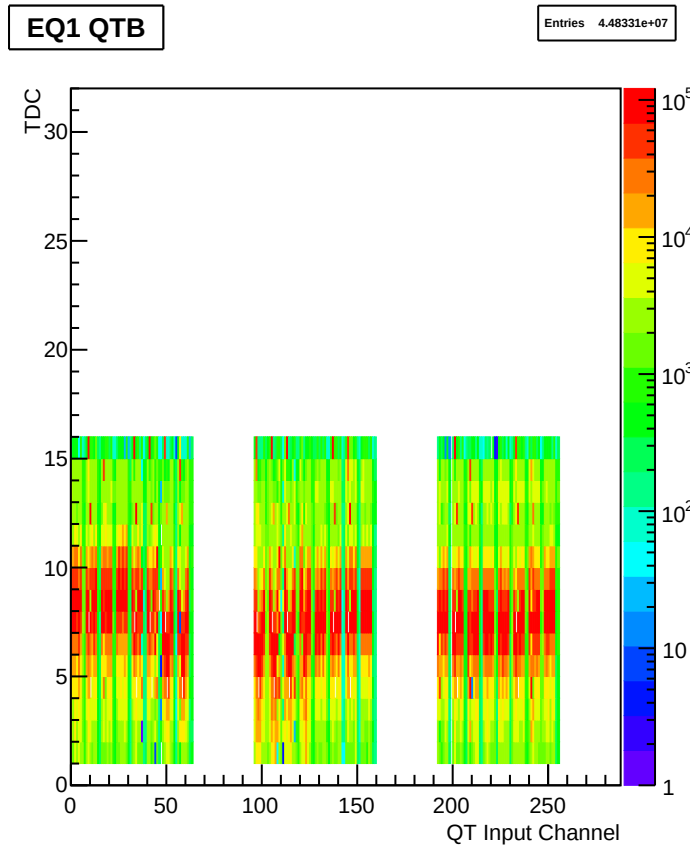

BBQ-VP001 East
Entries 7053568
ADC
QT Input Channel

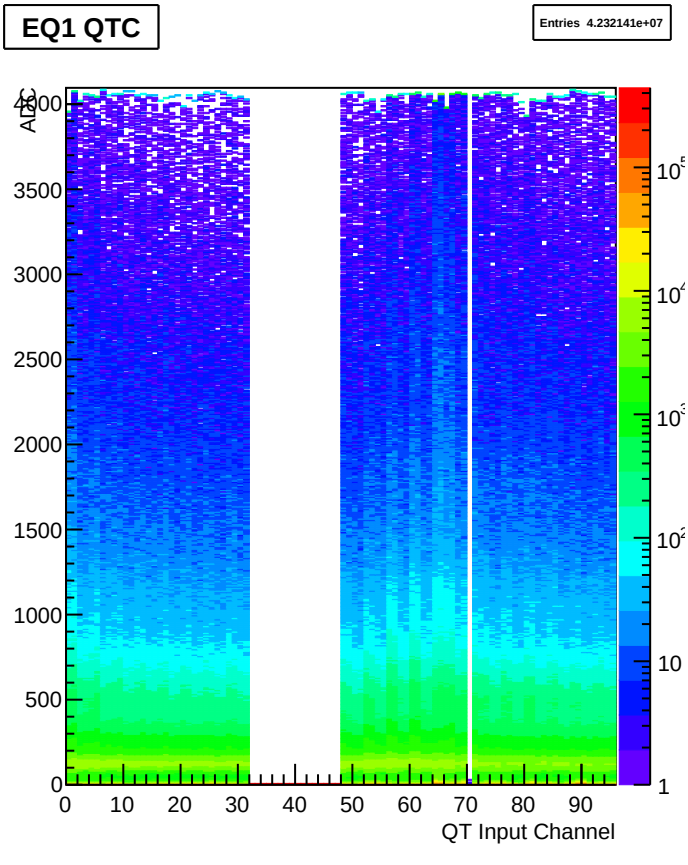

BBQ-VP001 East
Entries 7053568
TADC
QT Input Channel

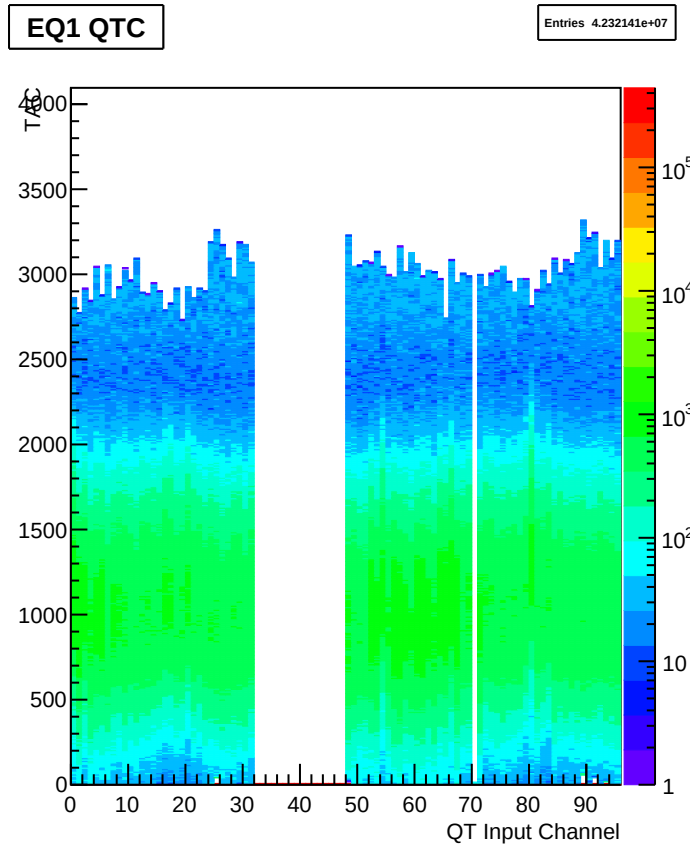

BBQ-VP002 West
Entries 7053568
ADC
QT Input Channel

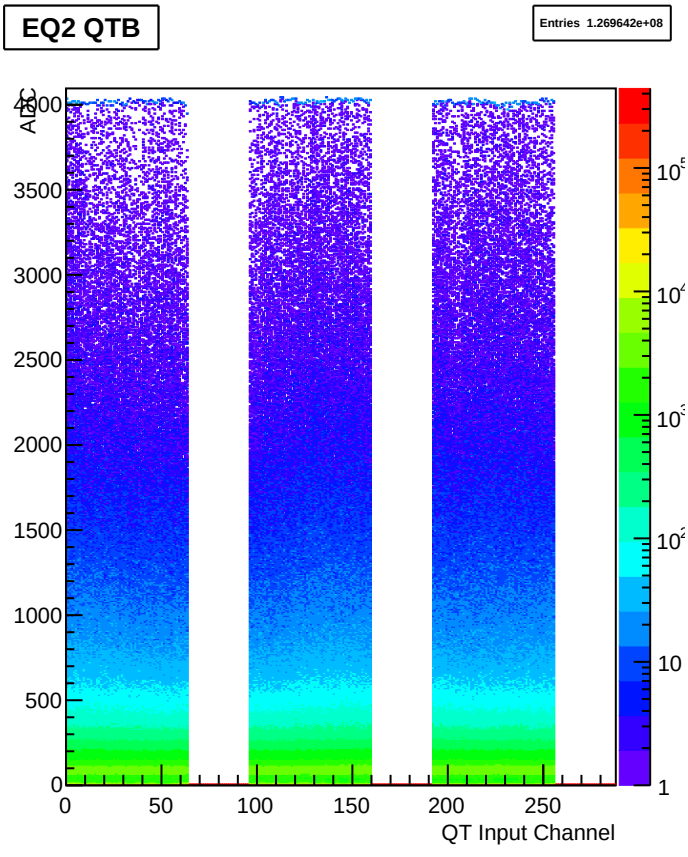

BBQ-VP002 West
Entries 7053568
TADC
QT Input Channel

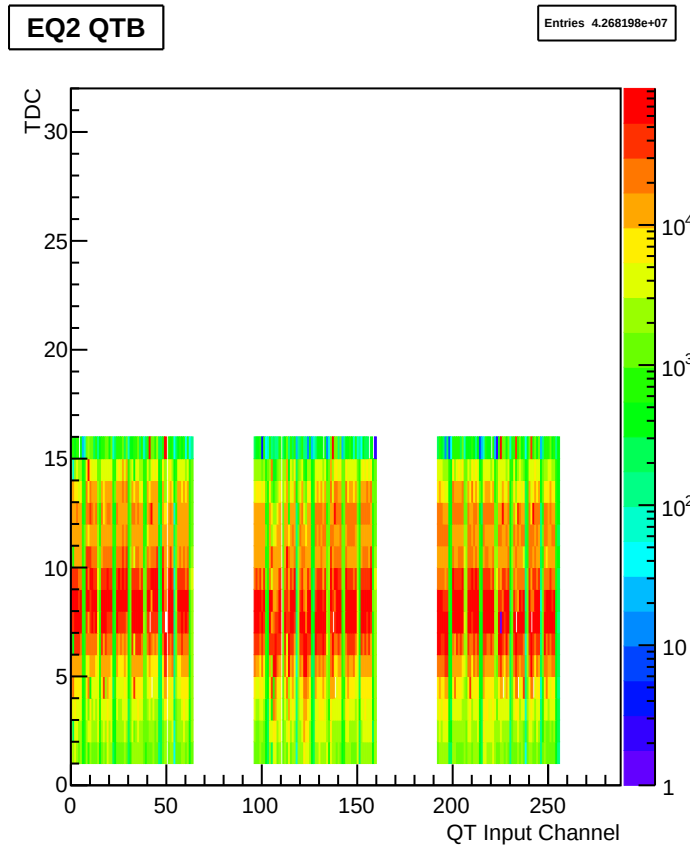

EQ1 QTB
Entries 1.269642e+08
ADC
QT Input Channel

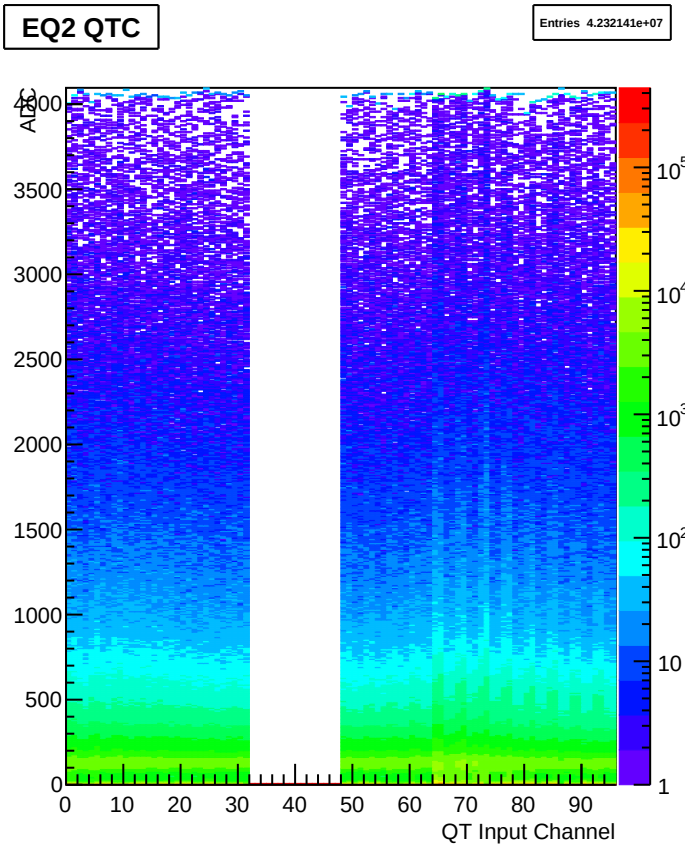

EQ1 QTB
Entries 4.48331e+07
TDC
QT Input Channel

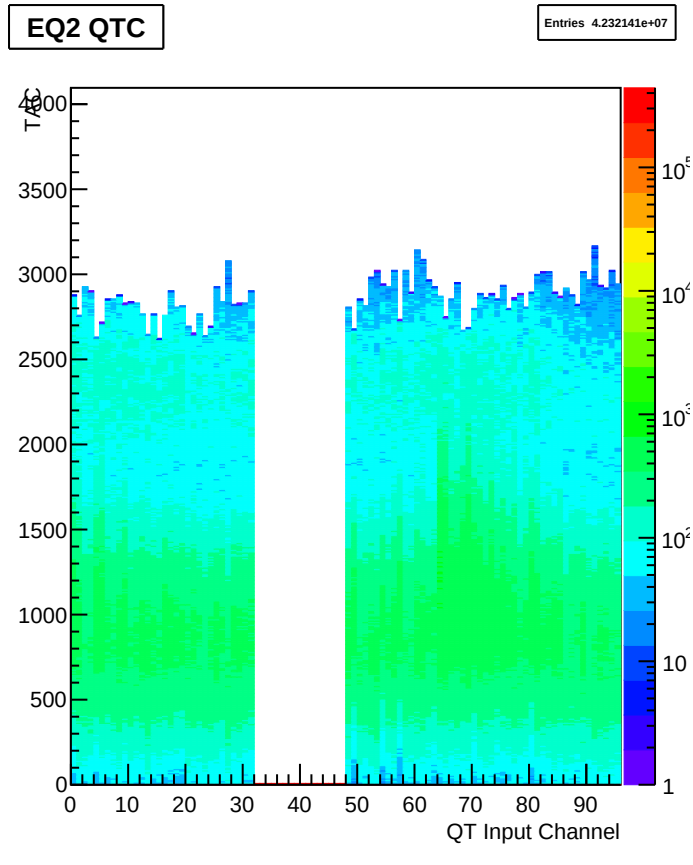

EQ1 QTC
Entries 4.232141e+07
ADC
QT Input Channel

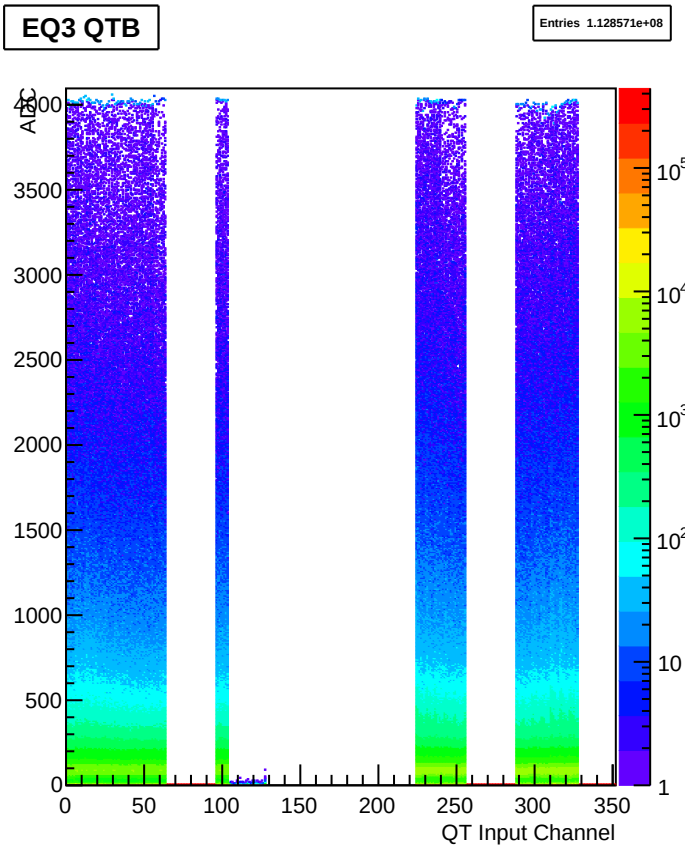

EQ1 QTC
Entries 4.232141e+07
TADC
QT Input Channel

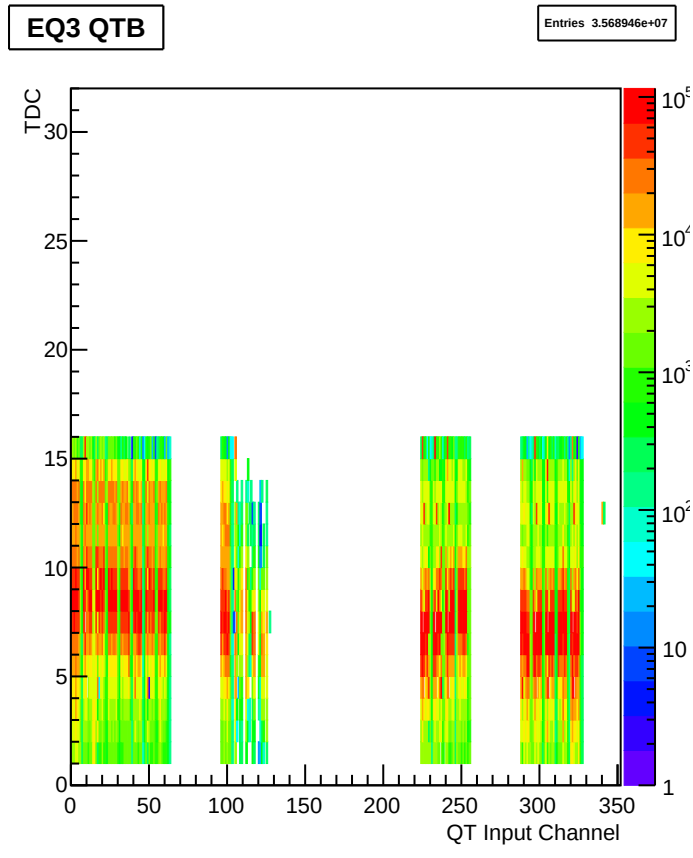

EQ2 QTB
Entries 1.269642e+08
ADC
QT Input Channel

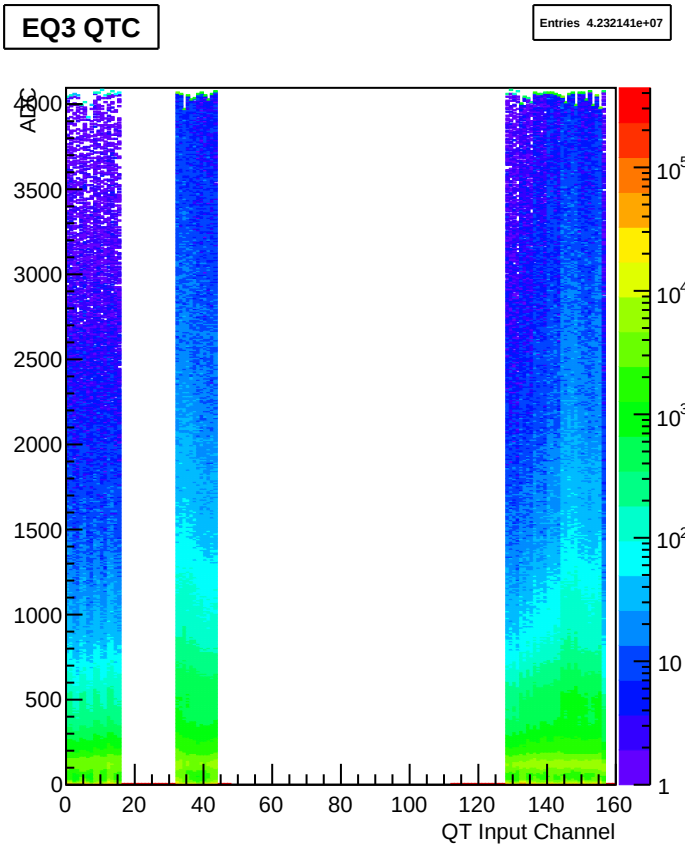

EQ2 QTB
Entries 4.268198e+07
TDC
QT Input Channel

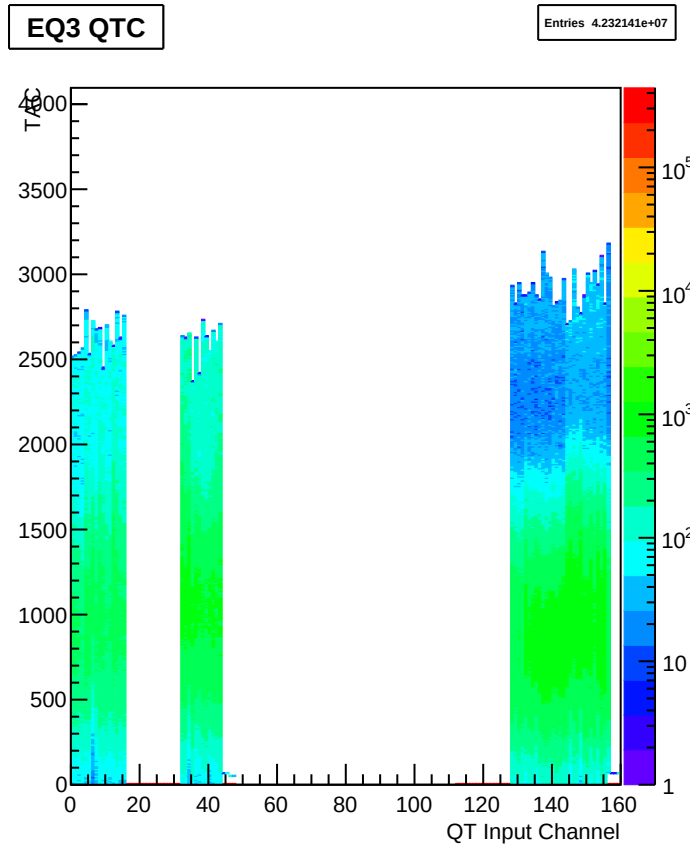

EQ2 QTC
Entries 4.232141e+07
ADC
QT Input Channel

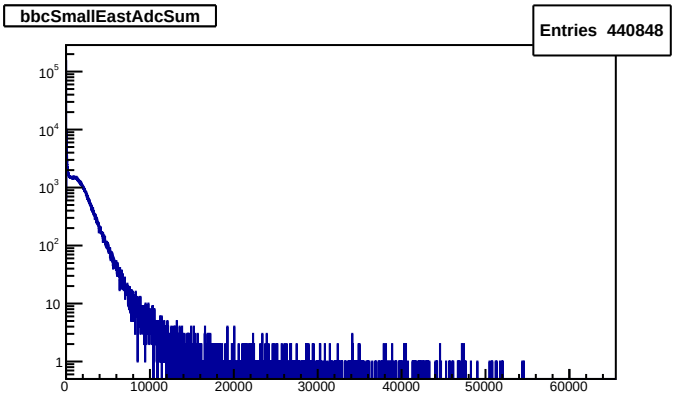

EQ2 QTC
Entries 4.232141e+07
TADC
QT Input Channel

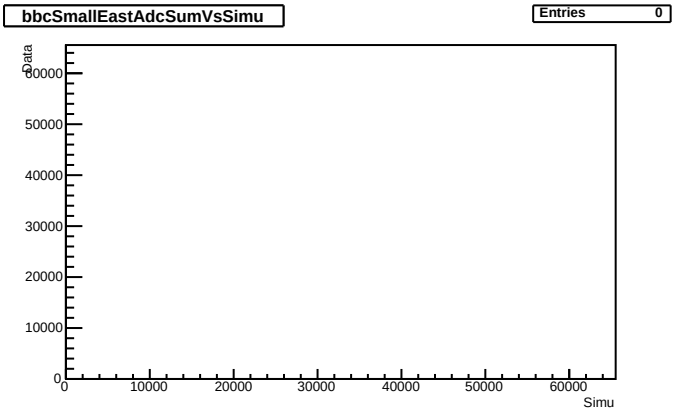

EQ3 QTB
Entries 1.128571e+08
ADC
QT Input Channel

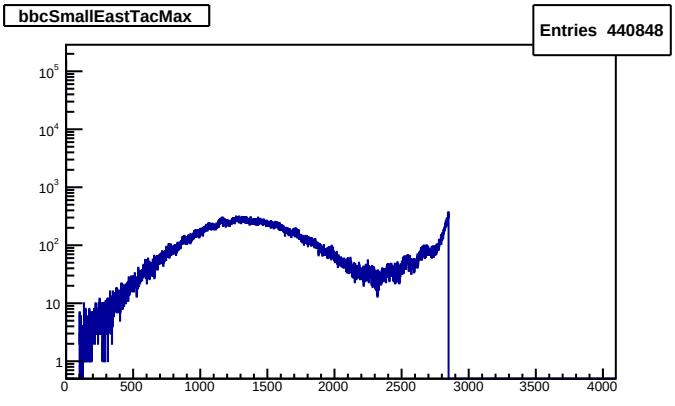

EQ3 QTB
Entries 3.568946e+07
TDC
QT Input Channel


EQ3 QTC
Entries 4.232141e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.232141e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 440848


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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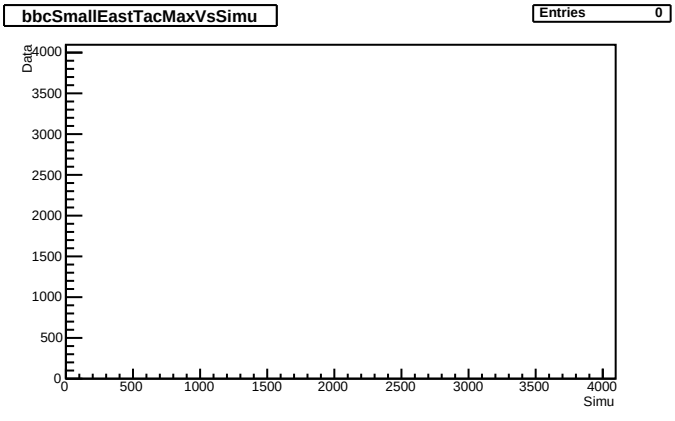
Entries 440848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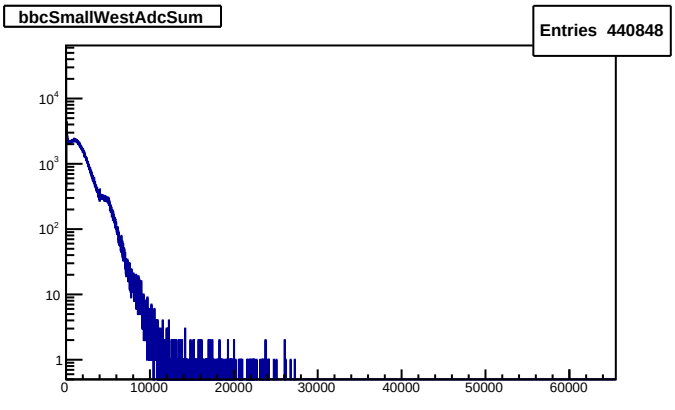
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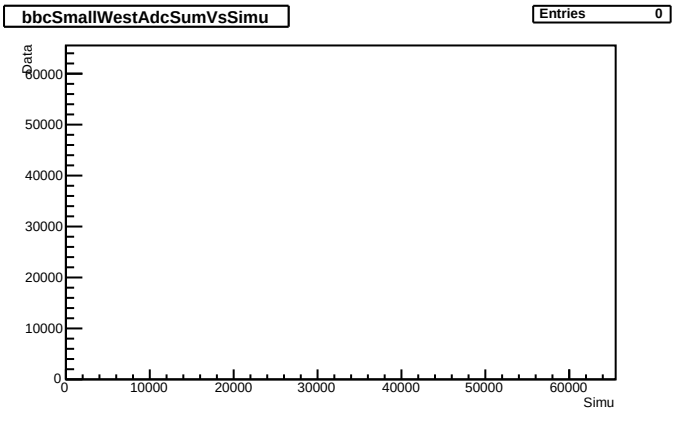
Entries 440848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Entries 0
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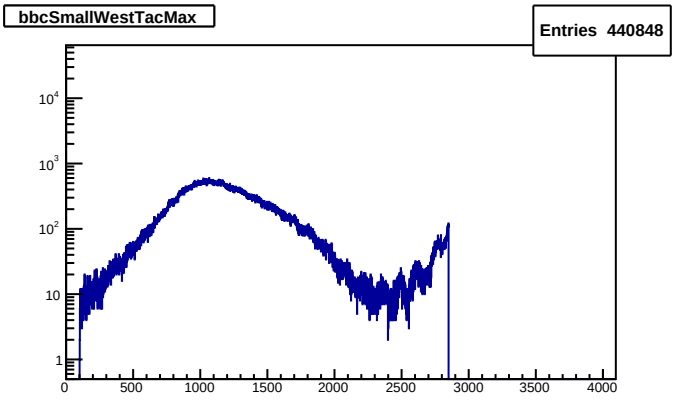
Simu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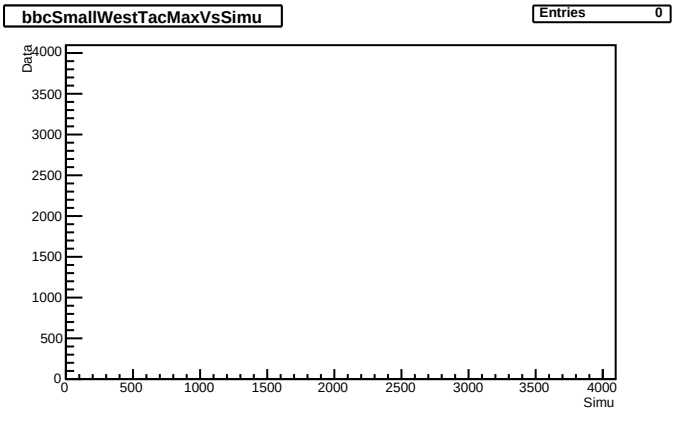
Entries 440848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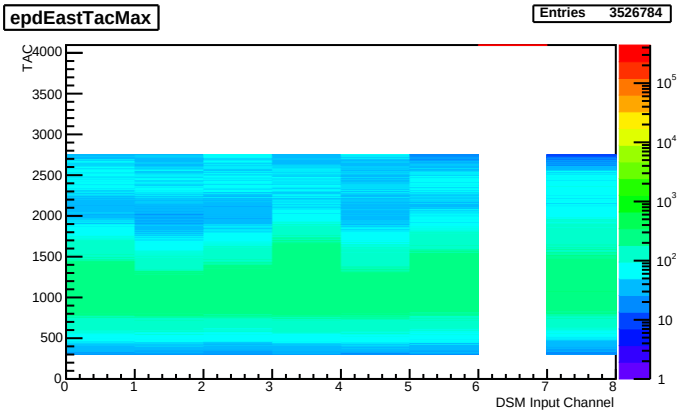
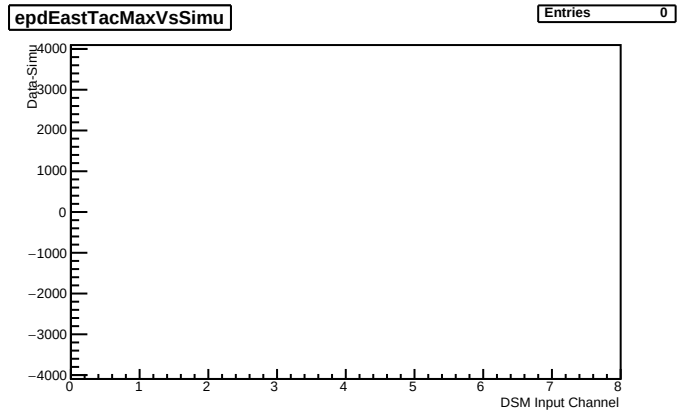
Entries 0
Data
Simu


epdEastTacMax
Entries 3526784
TAC
DSM Input Channel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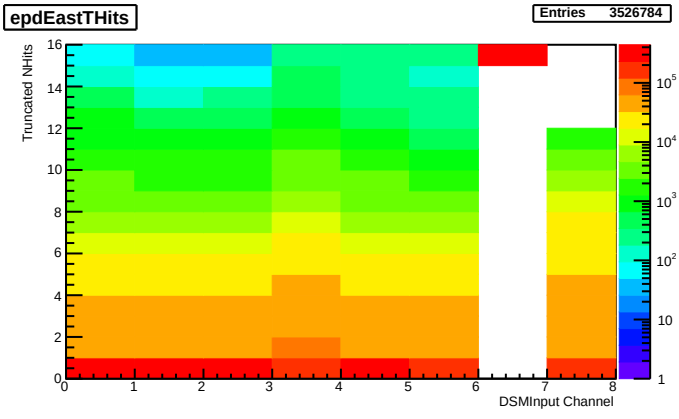
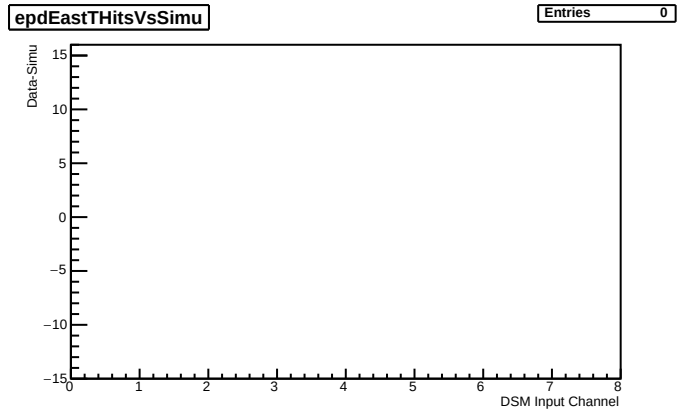
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3526784
Truncated NHits
DSMInput Channel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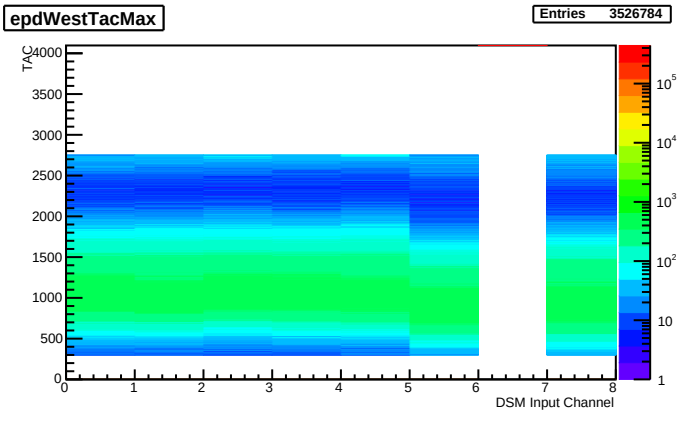
DSM Input Channel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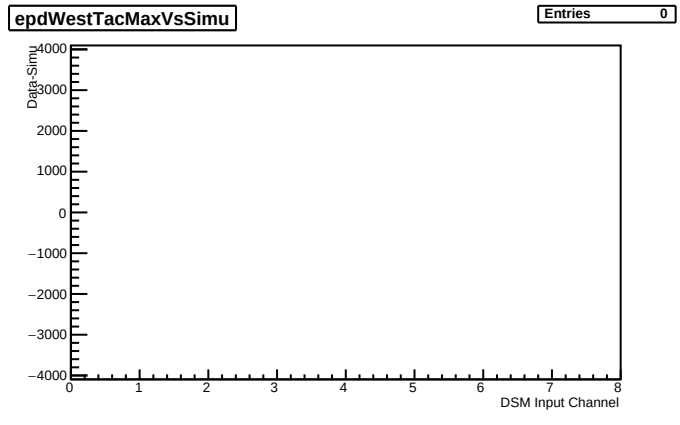
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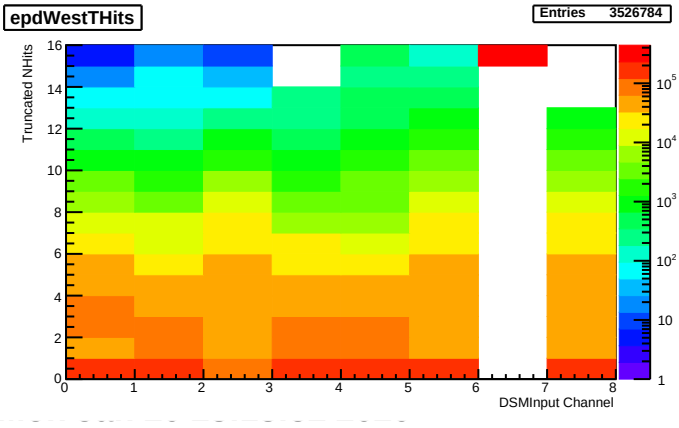
DSM Input Channel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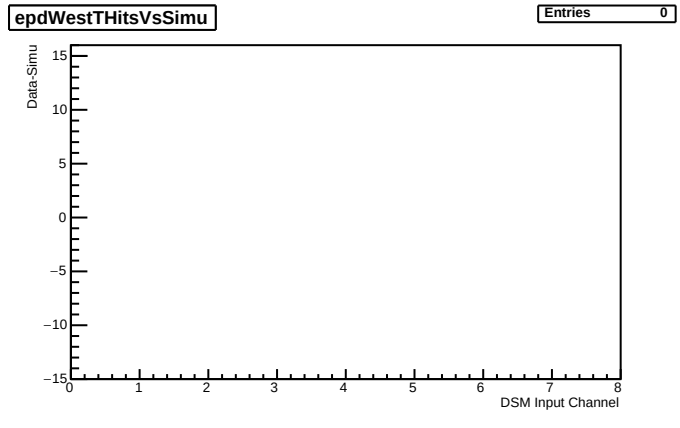
Entries 3526784
Truncated NHits
DSMInput Channel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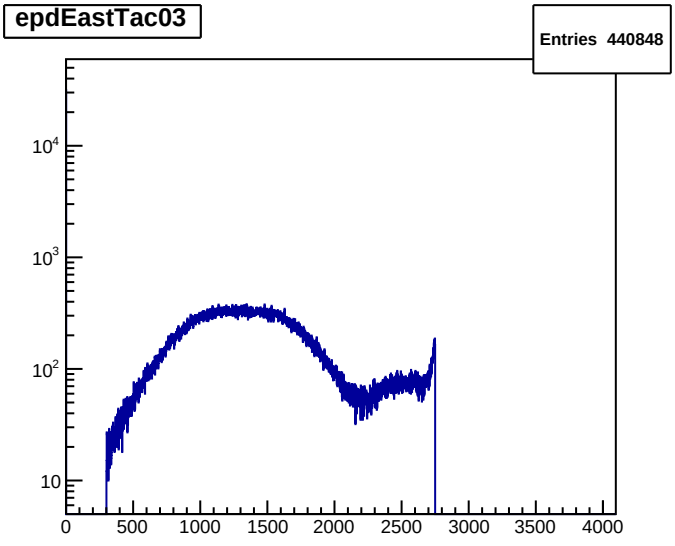
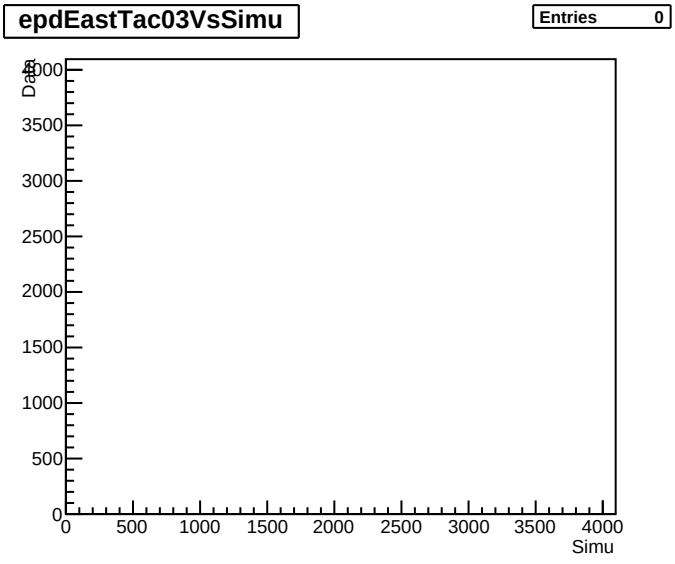
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 440848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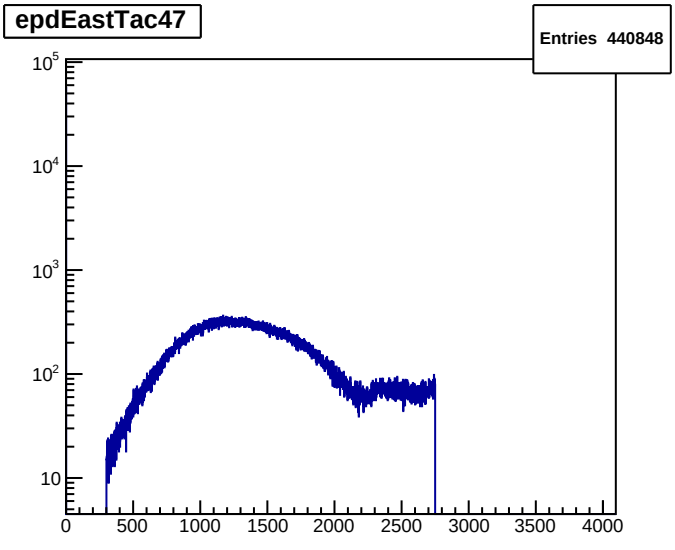
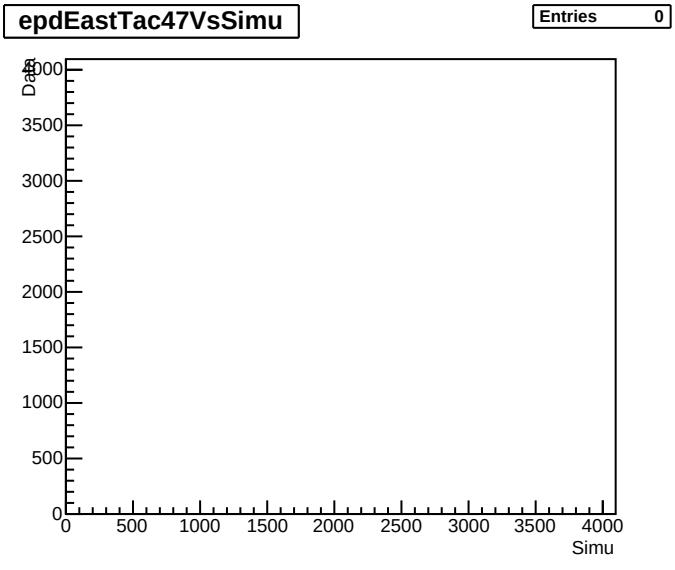
Entries 0
Data
Simu


epdEastTac47
Entries 440848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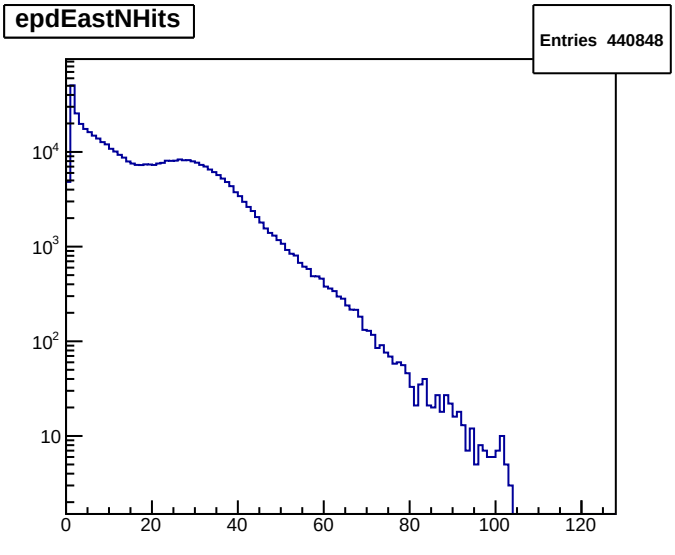
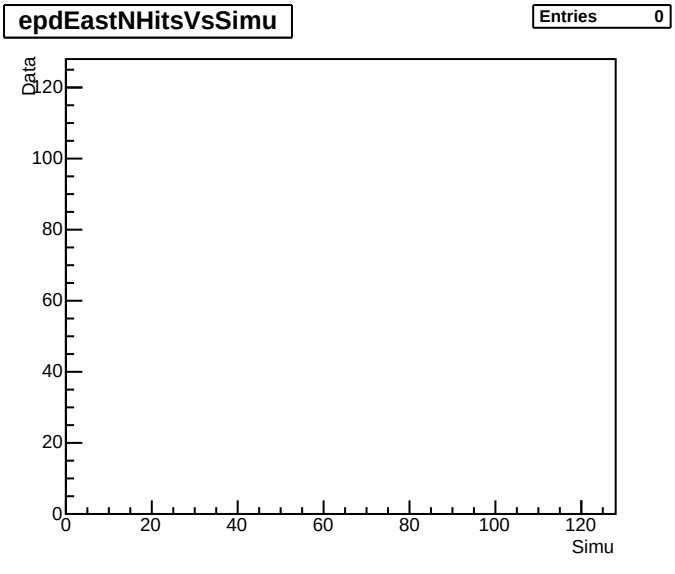
Entries 0
Data
Simu


epdEastNHits
Entries 440848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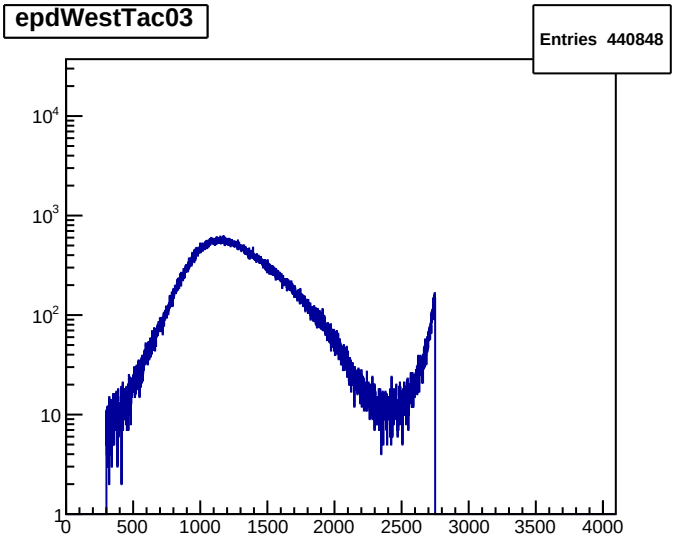
Data
Simu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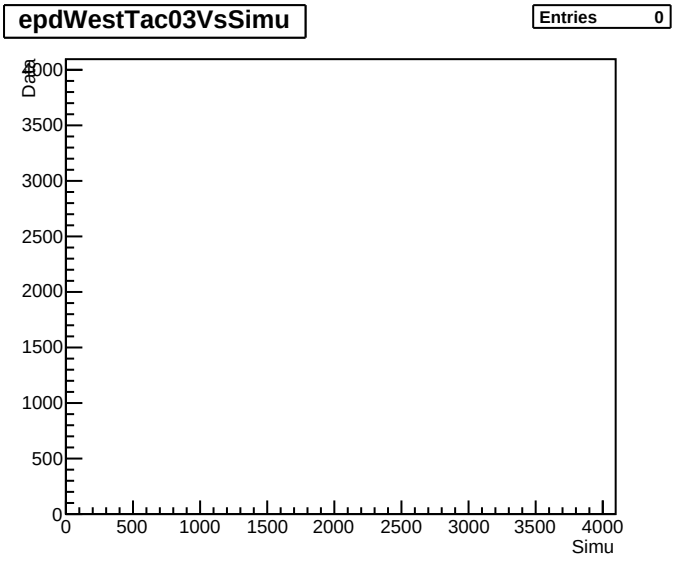
Entries 440848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Entries 0
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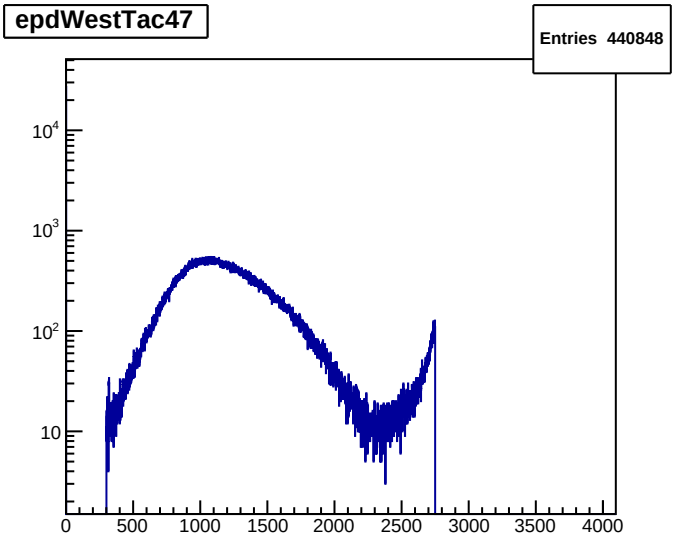
Simu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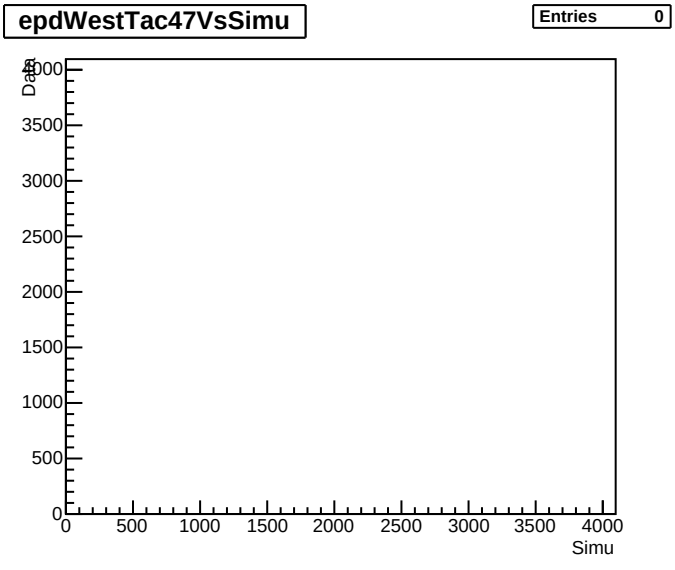
Entries 440848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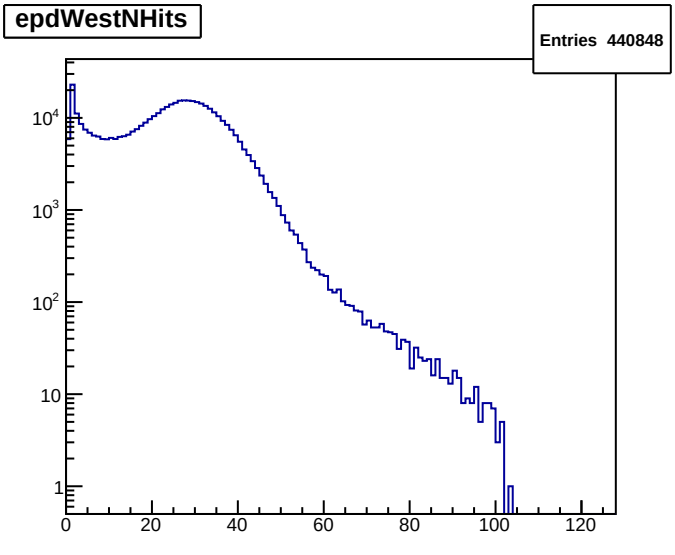
Entries 0
Data
Simu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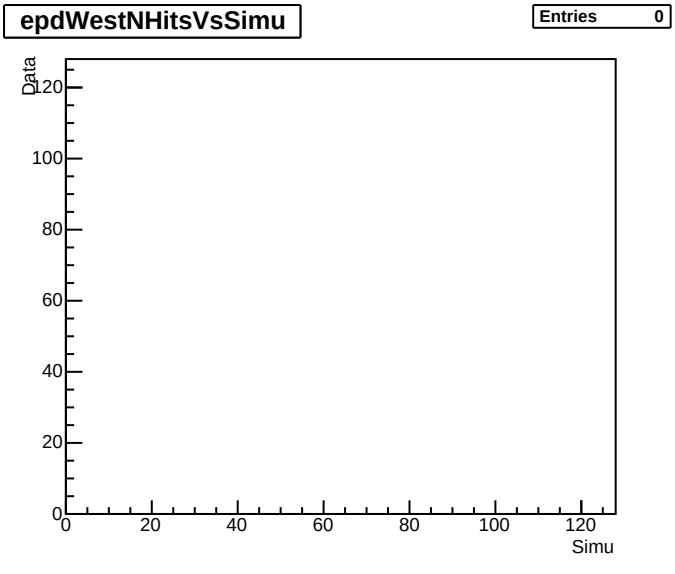
Entries 440848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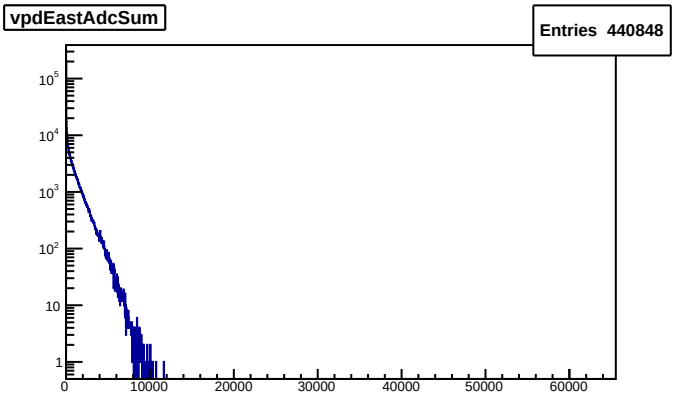
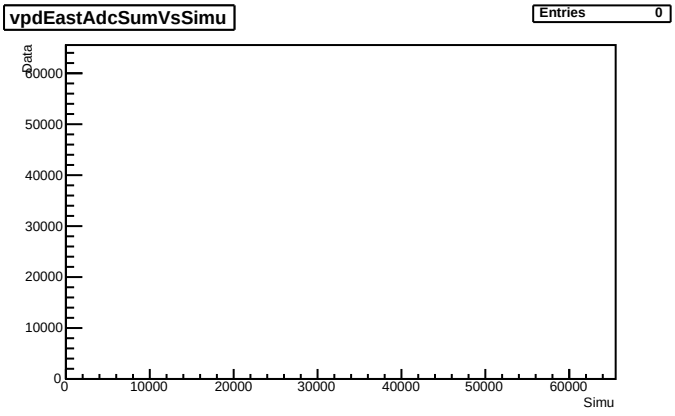
Entries 0
Data
Simu


vpdEastAdcSum
Entries 440848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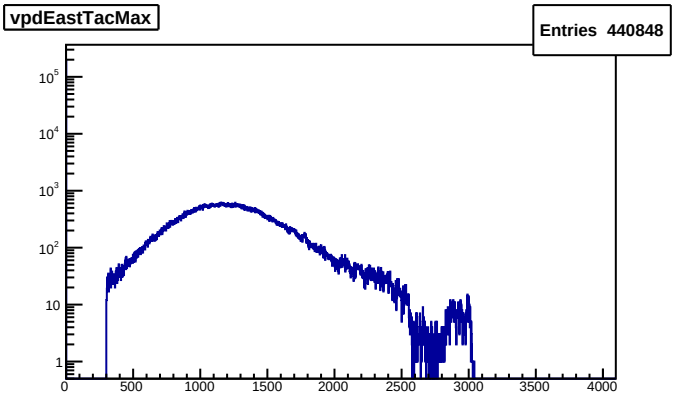
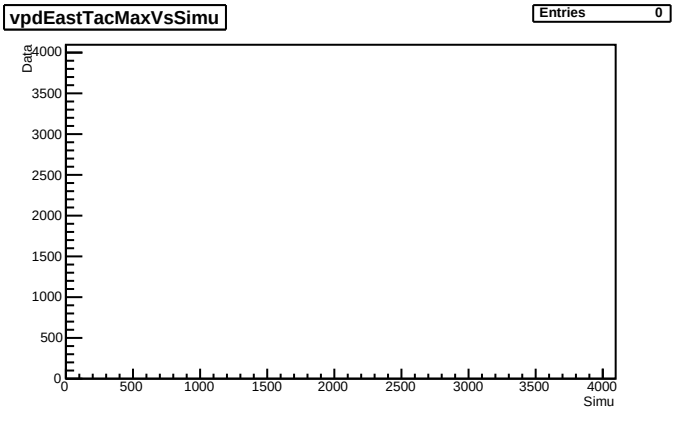
Entries 0
Data
Simu


vpdEastTacMax
Entries 440848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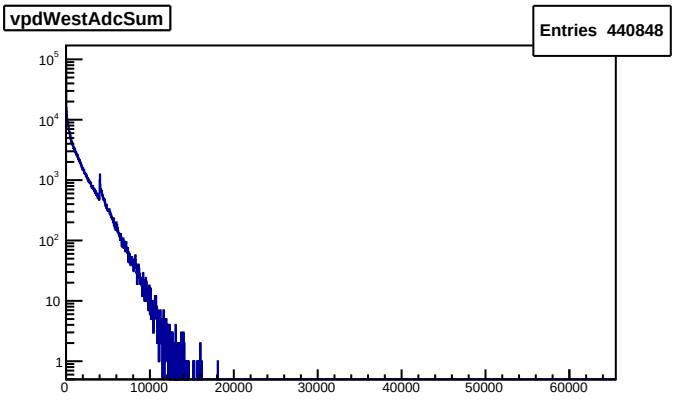
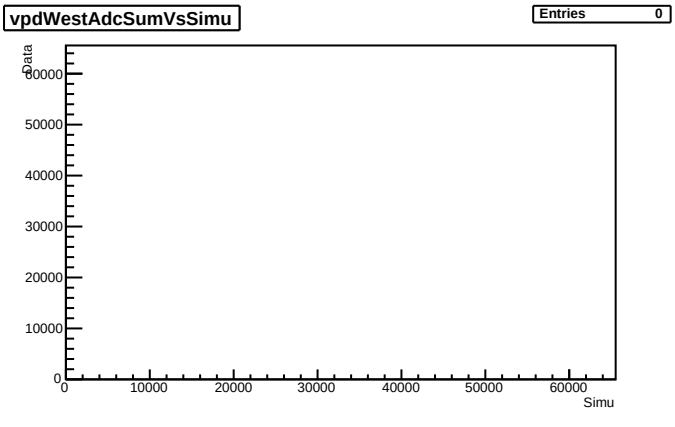
Entries 0
Data
Simu


vpdWestAdcSum
Entries 440848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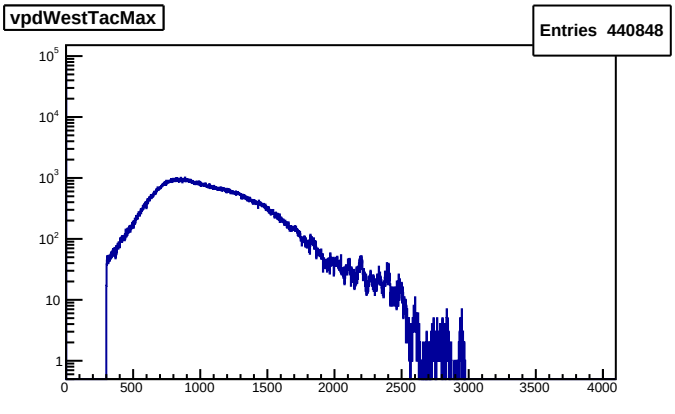
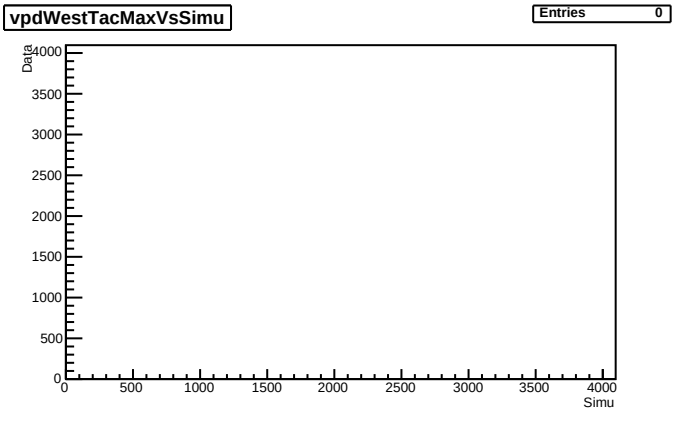
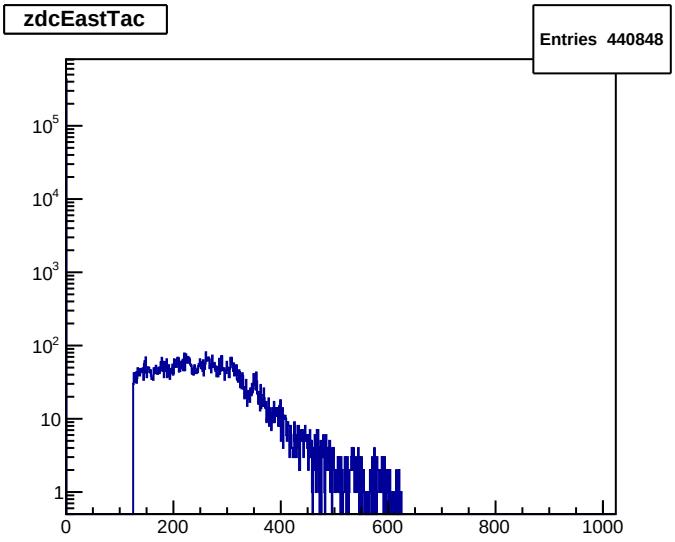
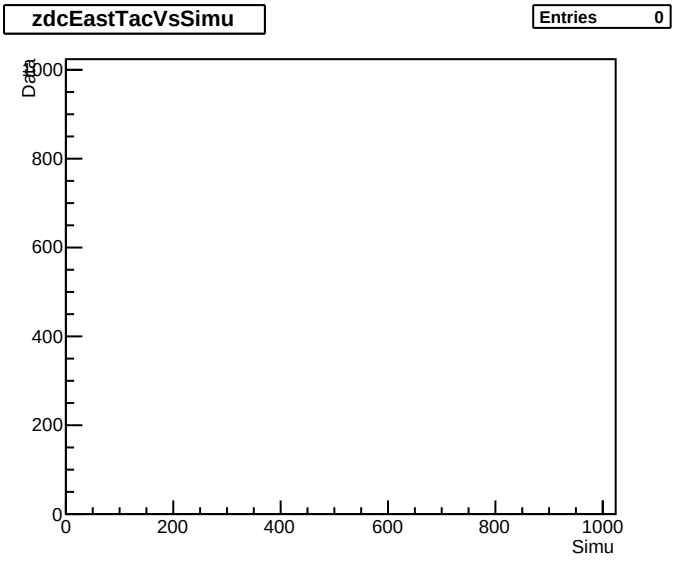
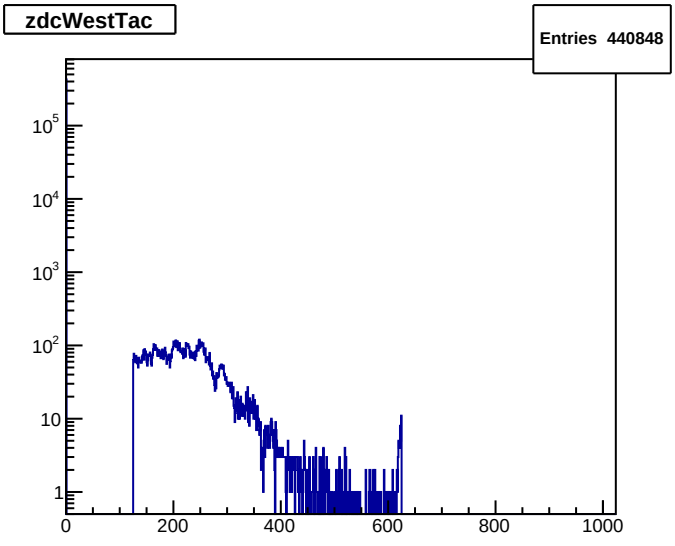
Entries 0
Data
Simu

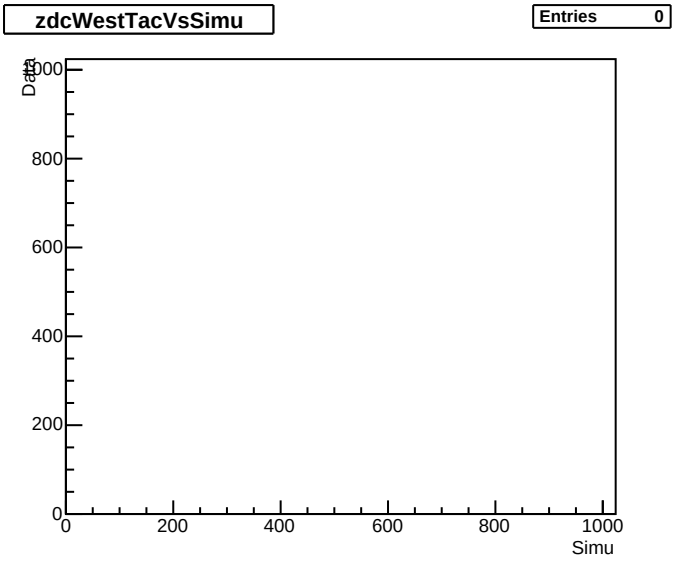

vpdWestTacMax
Entries 440848

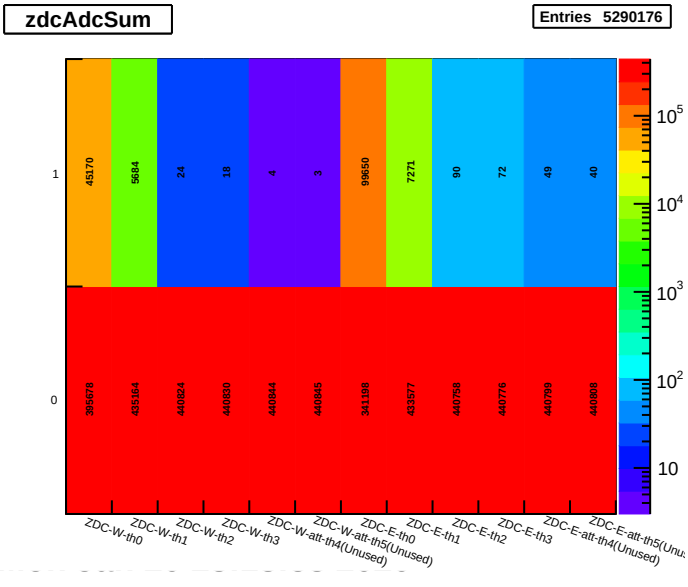

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 440848
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 440848
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 5290176
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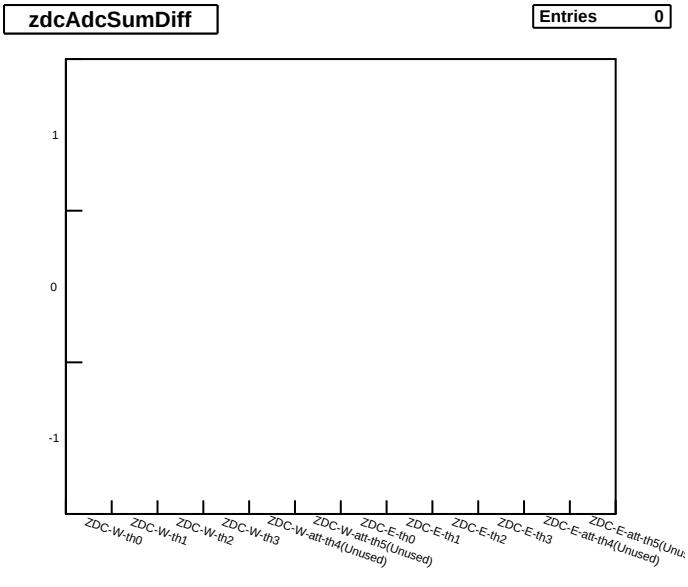
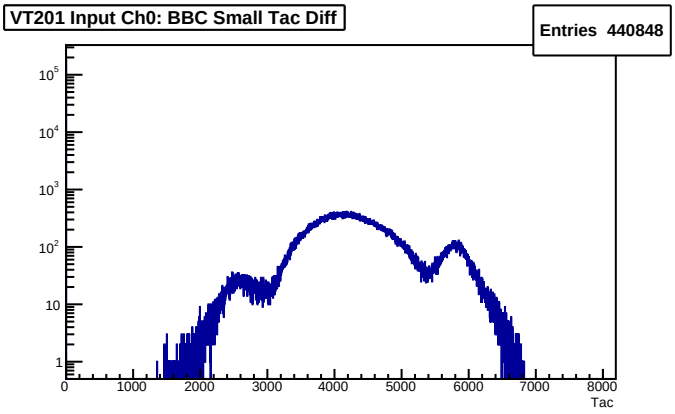
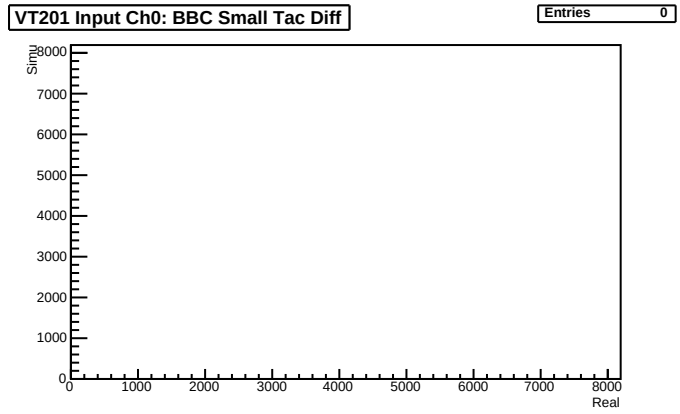
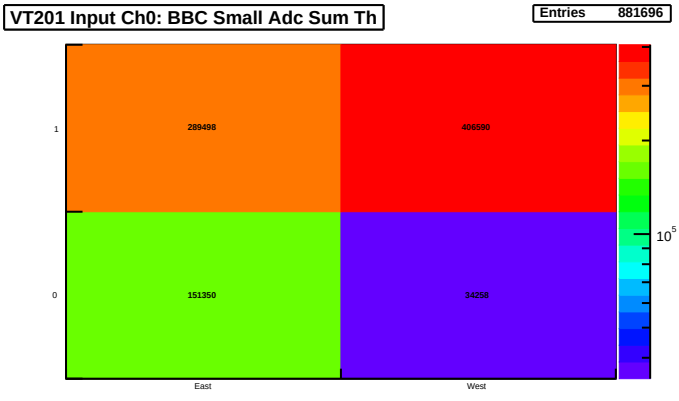
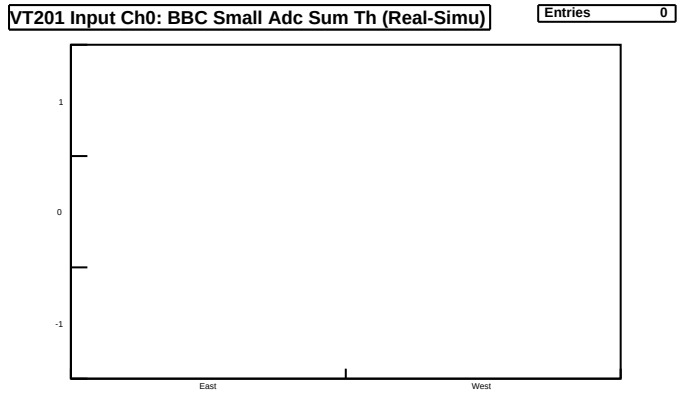
0
45170
5684
24
18
4
3
99650
7271
90
72
49
40
395678
435164
440824
440830
440844
440845
341198
433577
440758
440776
440799
440808
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

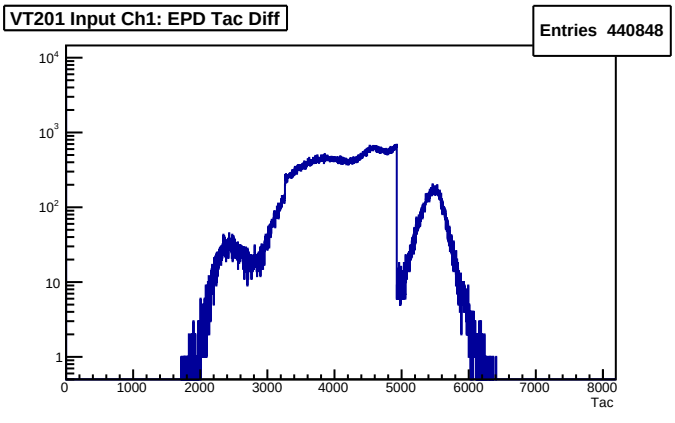

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

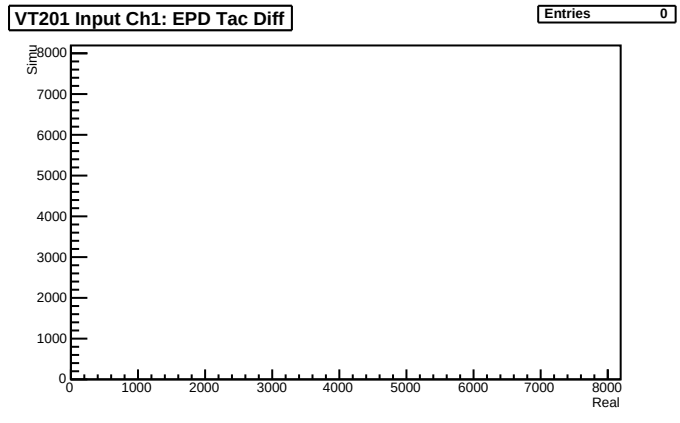

VT201 Input Ch0: BBC Small Tac Diff
Entries 440848
Tac

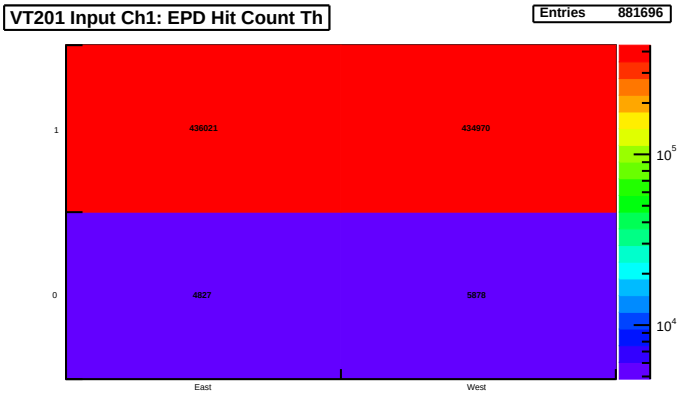

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

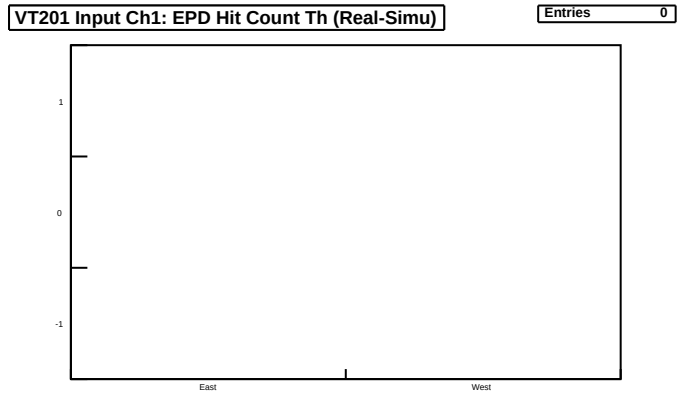

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 881696
289498
406590
151350
34258
East
West

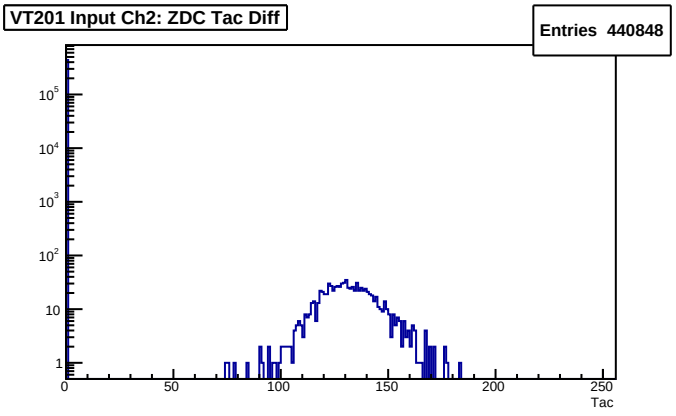

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

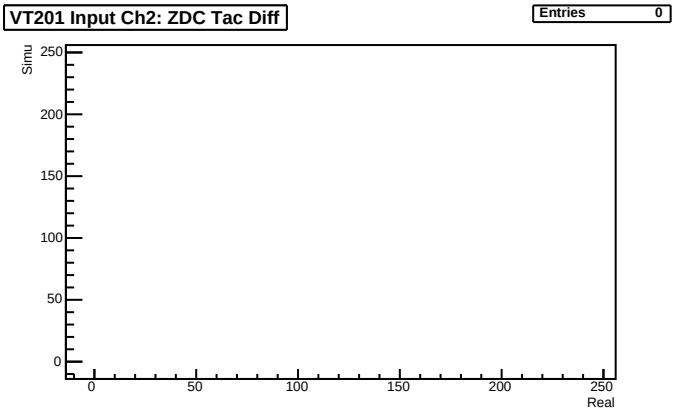

VT201 Input Ch1: EPD Tac Diff
Entries 440848
Tac

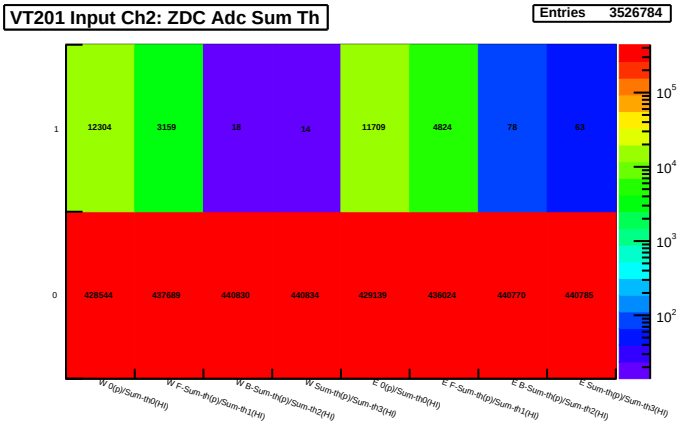

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

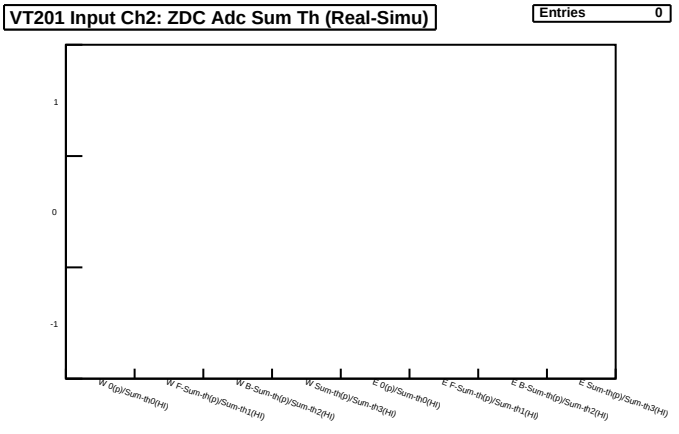

VT201 Input Ch1: EPD Hit Count Th
Entries 881696
436021
434970
4827
5878
East
West

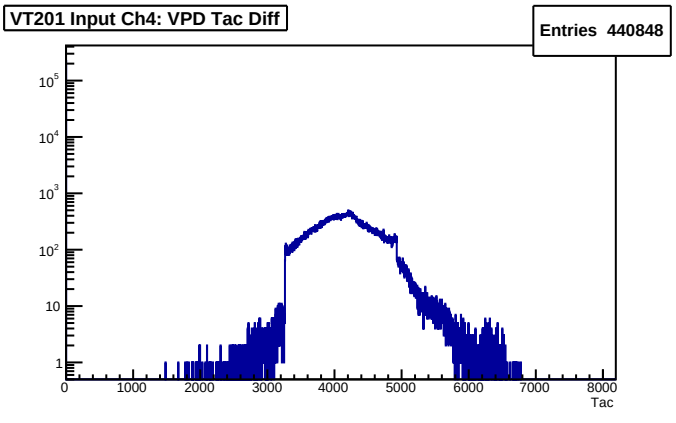

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

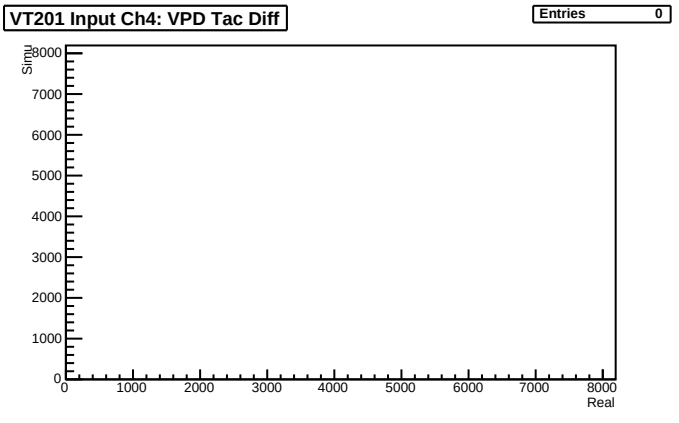

VT201 Input Ch2: ZDC Tac Diff
Entries 440848
Tac

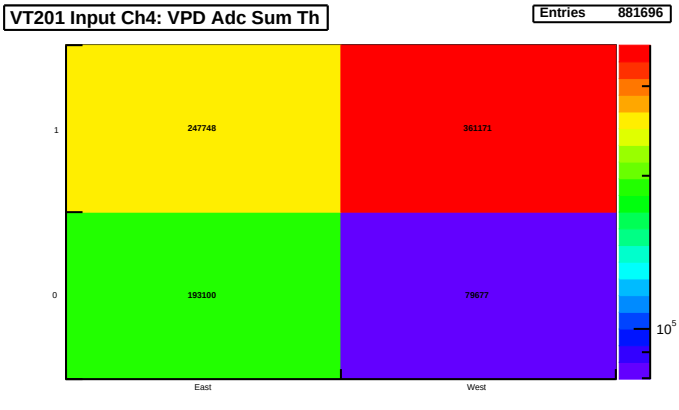

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

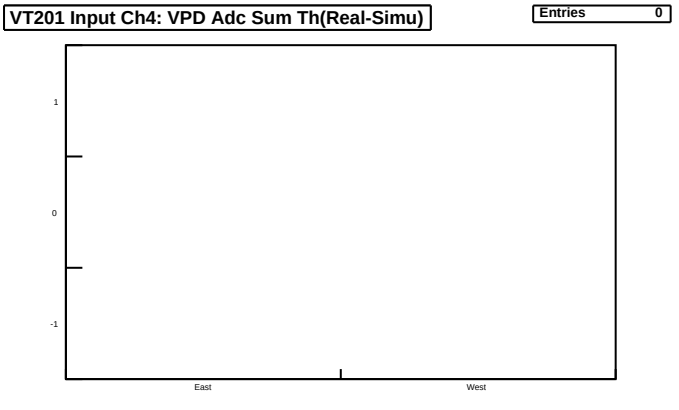

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3526784
12304
3159
18
14
11709
4824
78
63
428544
437689
440830
440834
429139
436024
440770
440785
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

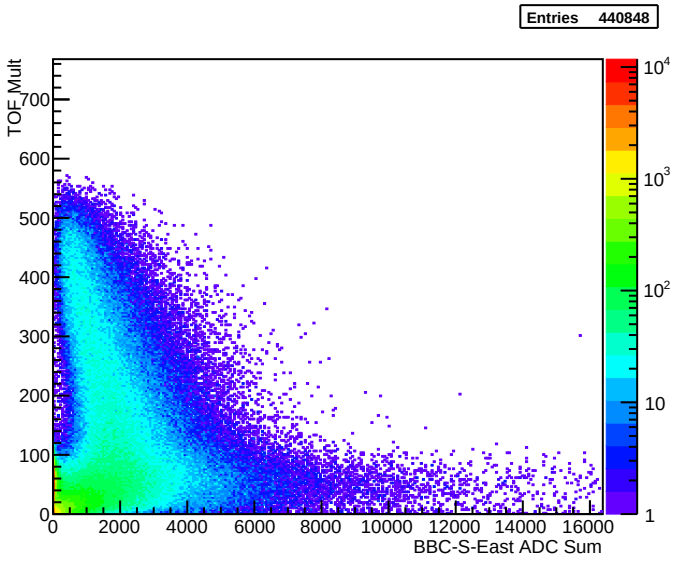

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

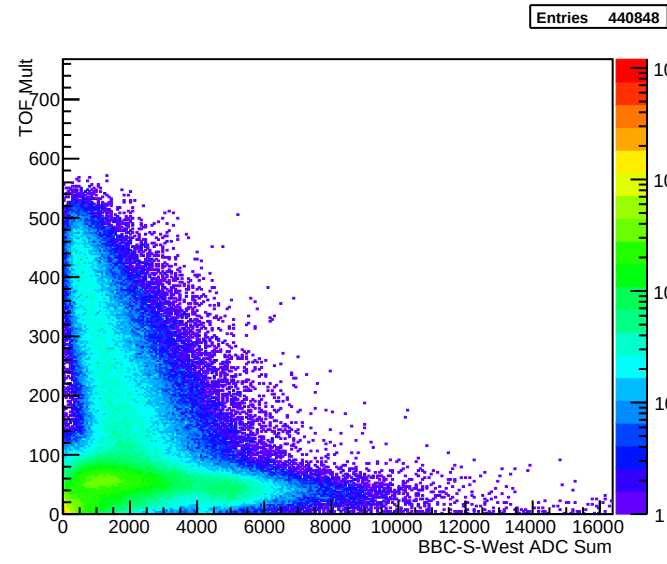

VT201 Input Ch4: VPD Tac Diff
Entries 440848
Tac

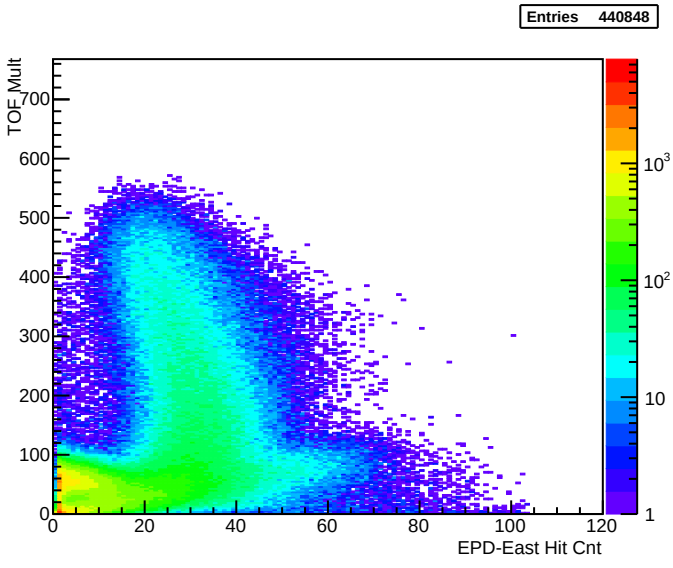

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

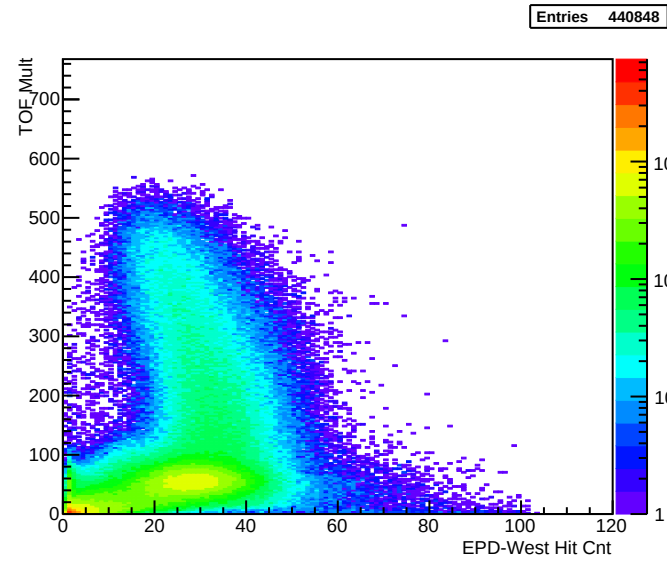

VT201 Input Ch4: VPD Adc Sum Th
Entries 881696
247748
361171
193100
79677
East
West

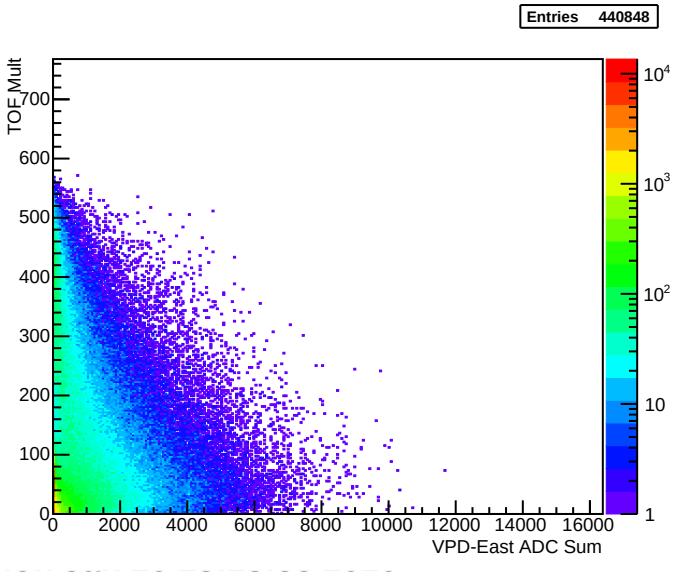

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

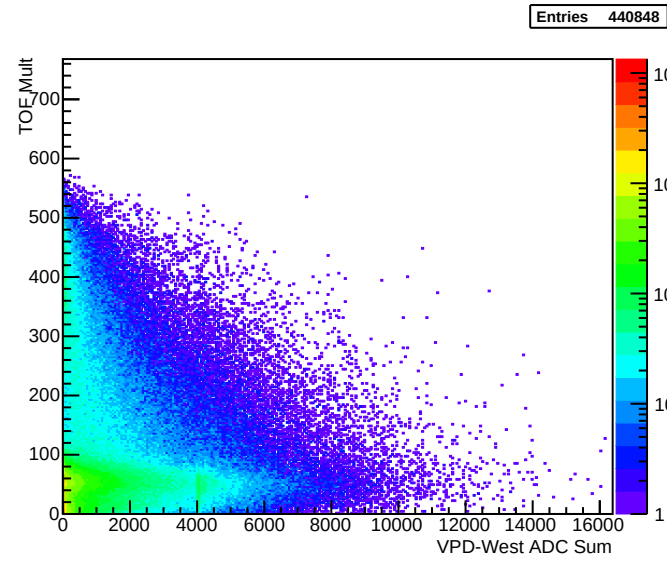

Entries 440848
TOF_Mult
BBC-S-East ADC Sum

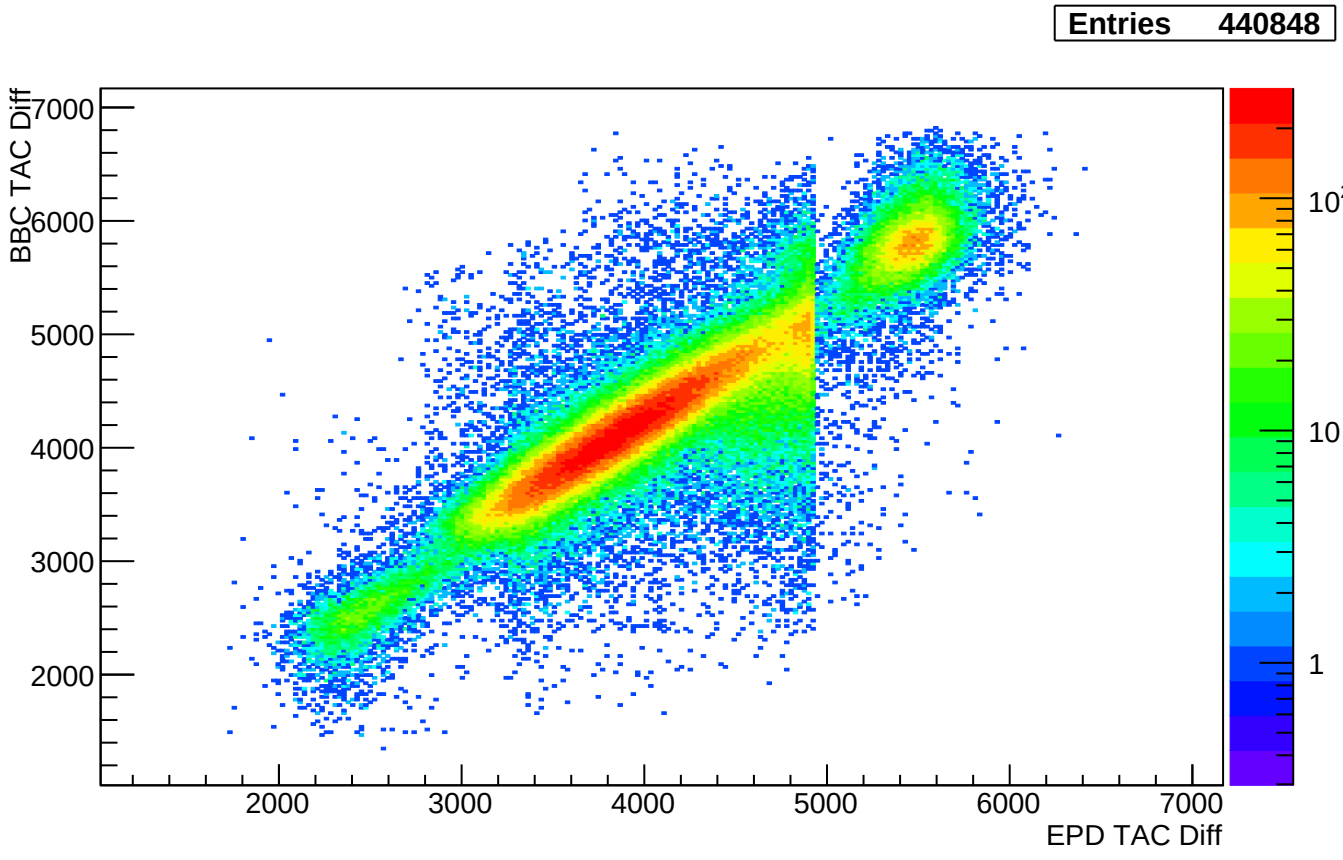

Entries 440848
TOF_Mult
BBC-S-West ADC Sum

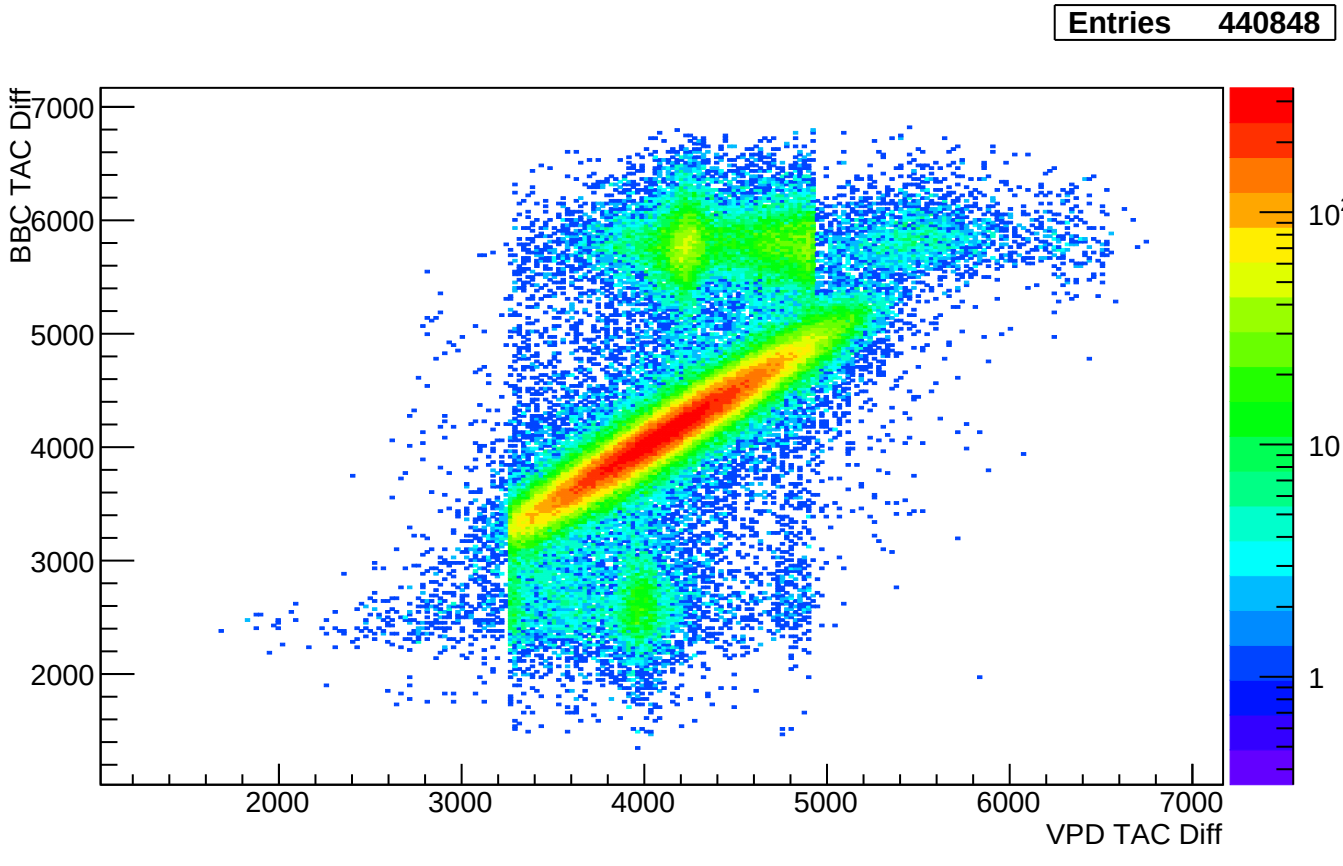

Entries 440848
TOF_Mult
EPD-East Hit Cnt

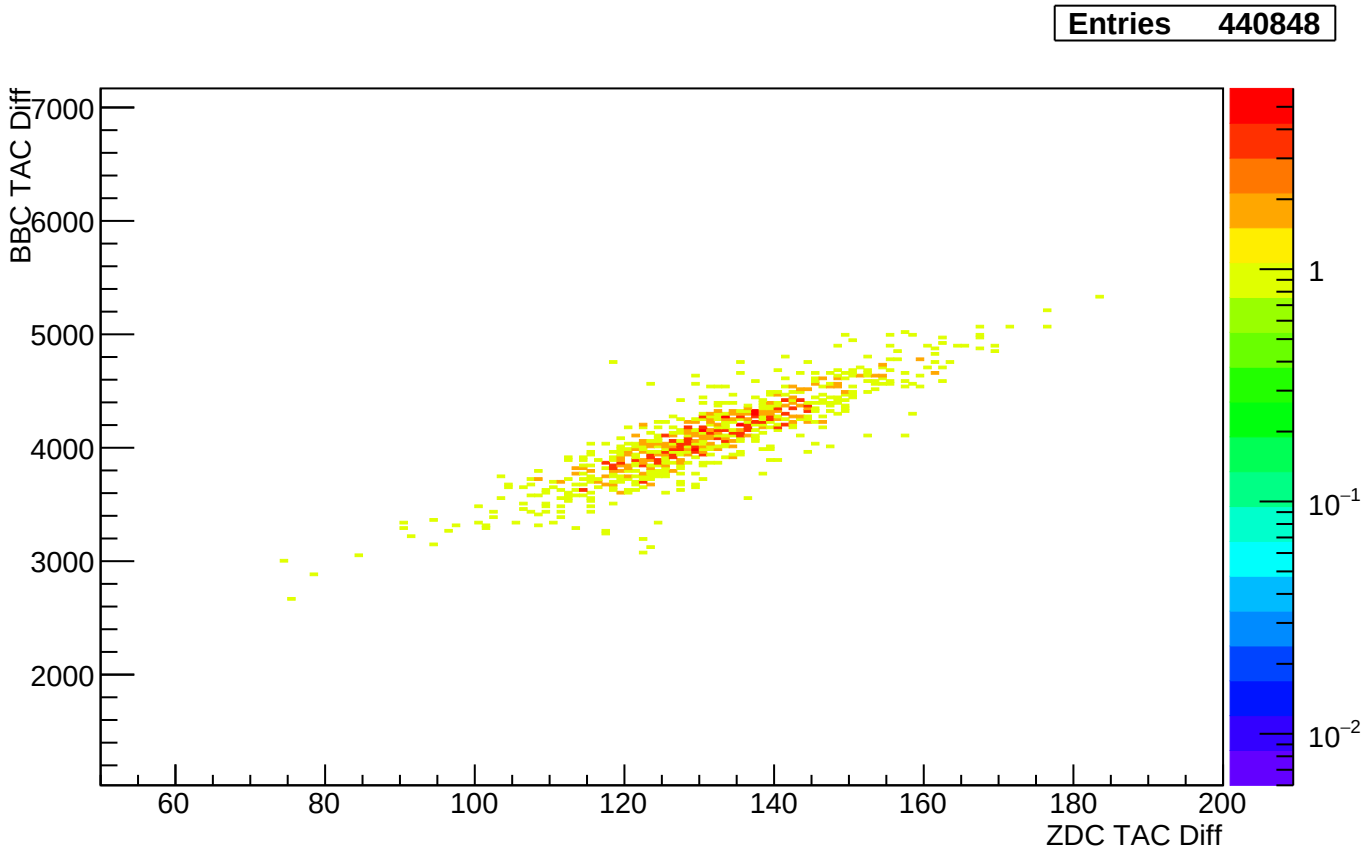

Entries 440848
TOF_Mult
EPD-West Hit Cnt

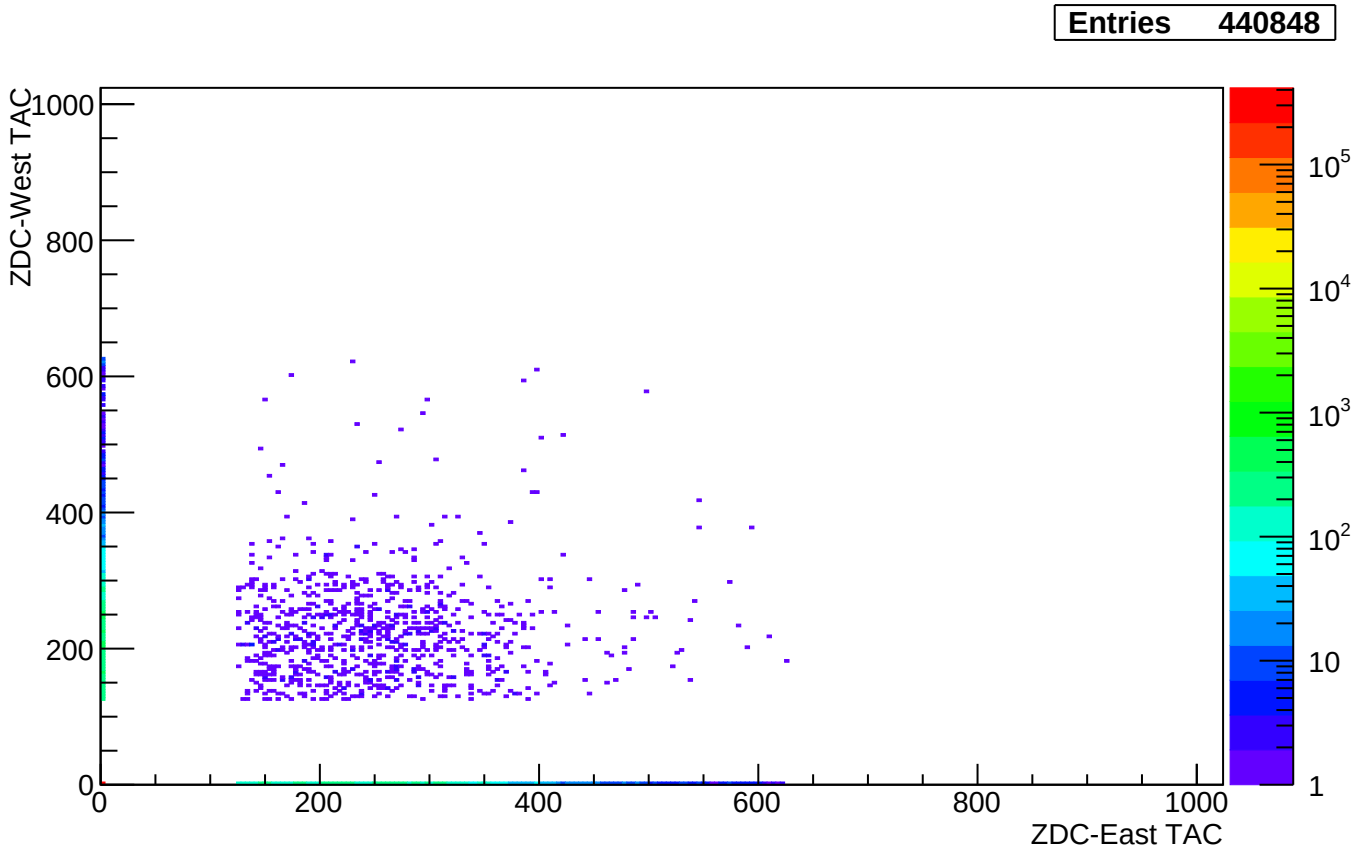

Entries 440848
TOF_Mult
VPD-East ADC Sum

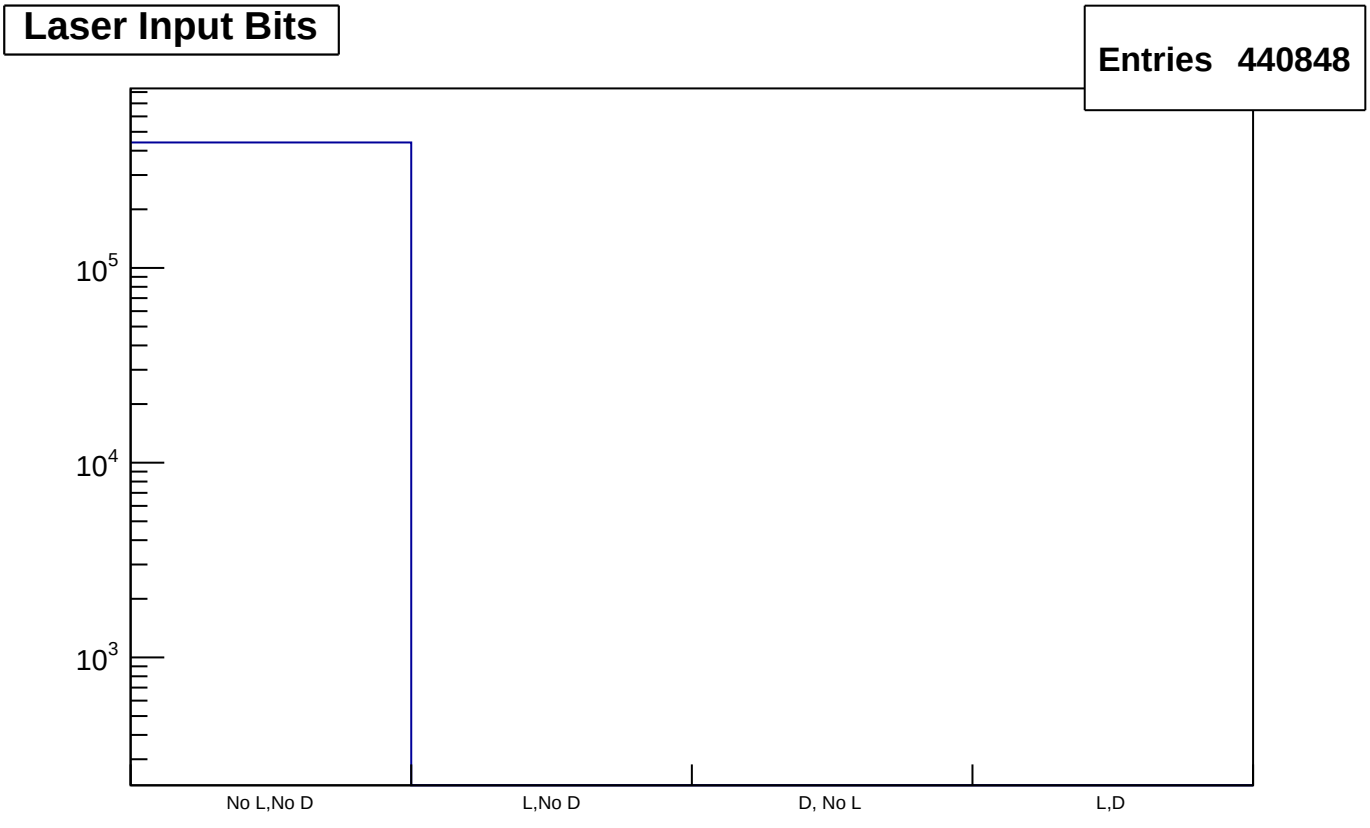

Entries 440848
TOF_Mult
VPD-West ADC Sum

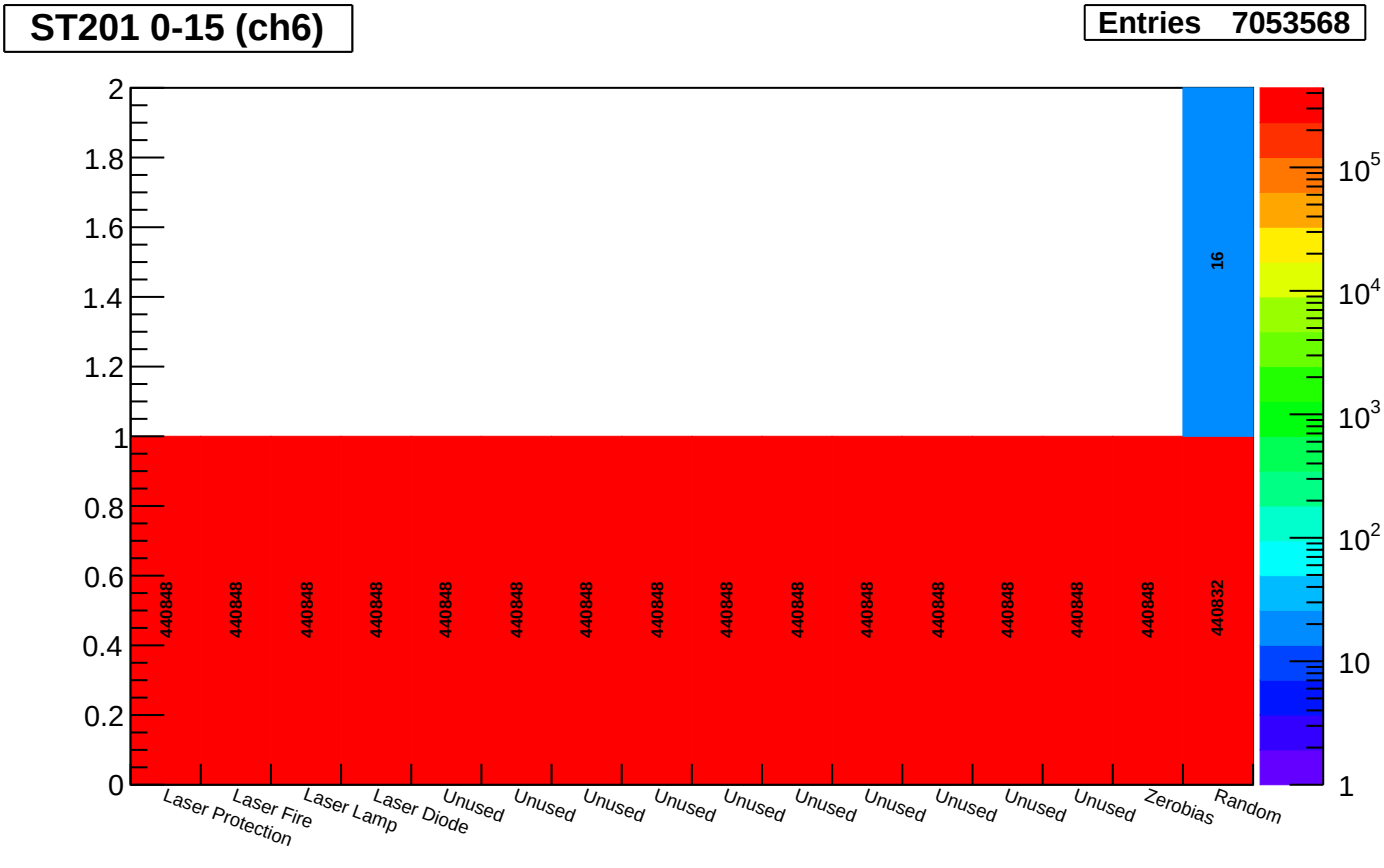

Entries 440848
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

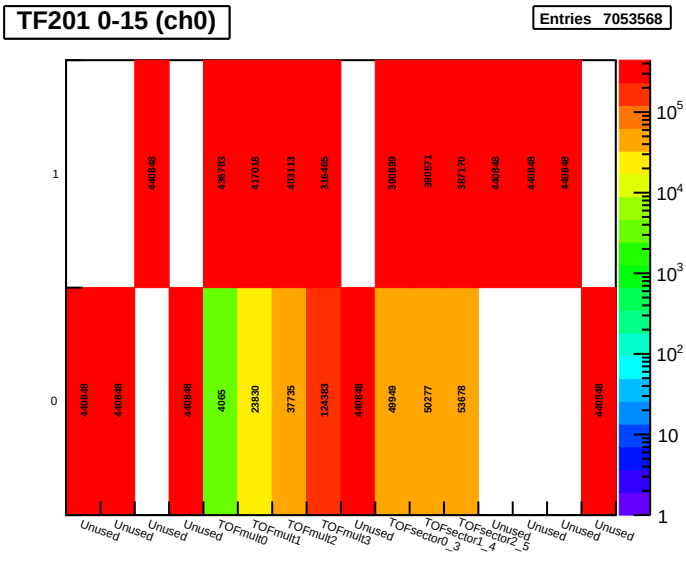

Entries 440848
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

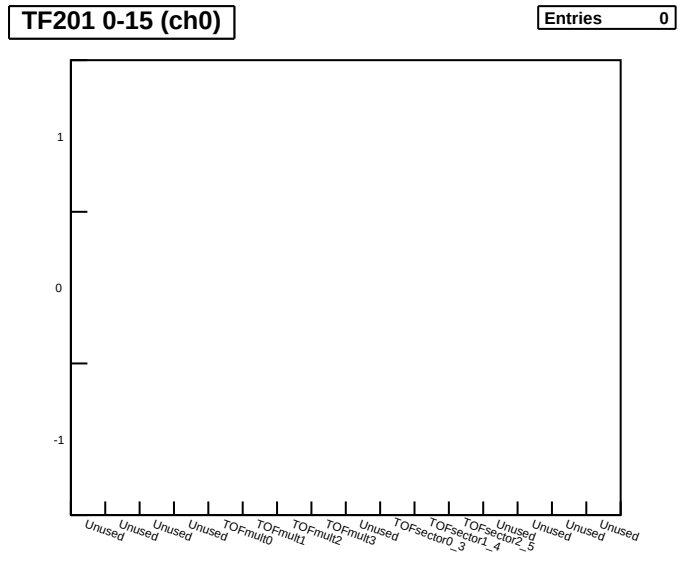

Entries 440848
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

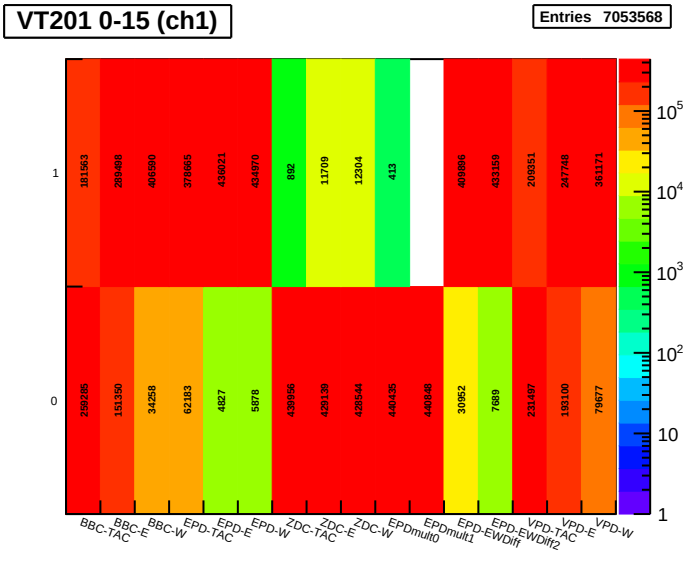

Entries 440848
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

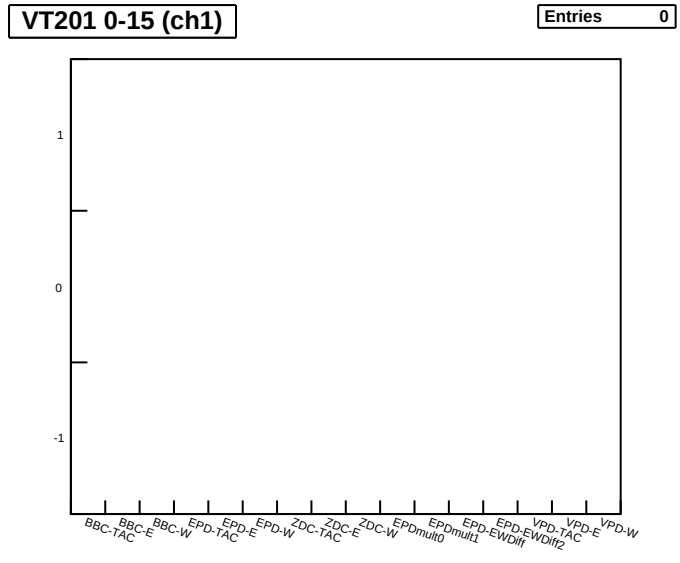

Laser Input Bits
Entries 440848
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

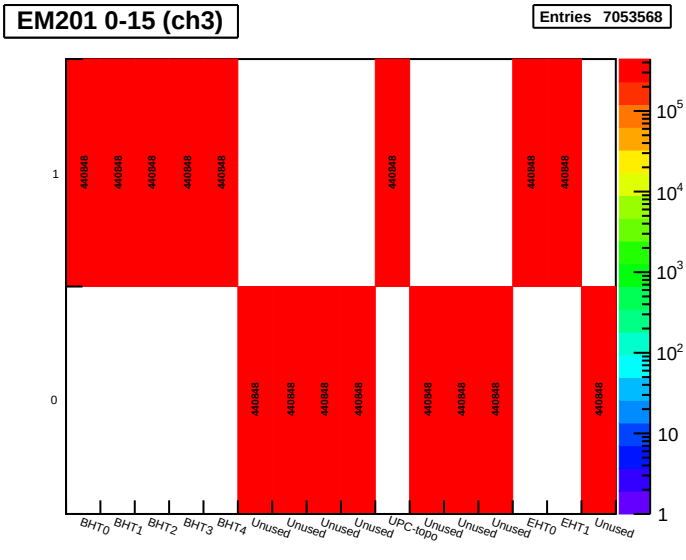

ST201 0-15 (ch6)
Entries 7053568
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
16
440848
440832
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

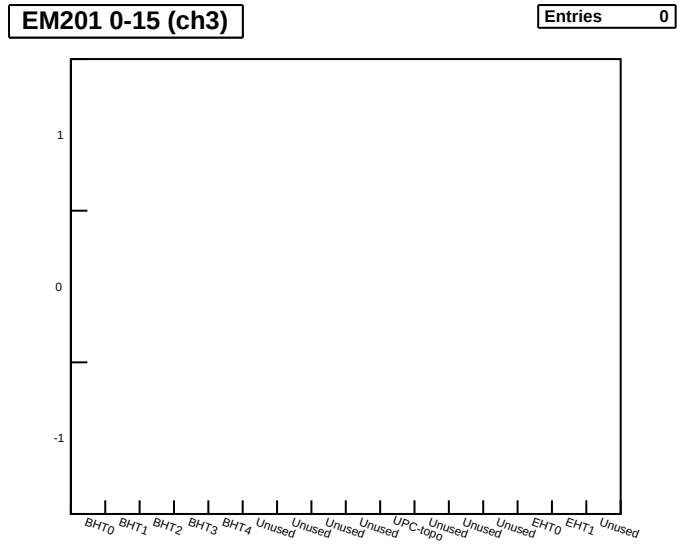

TF201 0-15 (ch0)
Entries 7053568
1
0
440848
436783
417018
403113
316465
390899
390571
387170
440848
440848
440848
440848
440848
4065
23830
37735
124383
440848
49949
50277
53678
440848
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 7053568
1
0
181563
289488
406590
378665
436021
434970
892
11709
12304
413
409896
433159
209351
247748
361171
259285
151350
34258
62183
4827
5878
439956
429139
428544
440435
440848
30952
7689
231497
193100
79677
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 7053568
1
0
440848
440848
440848
440848
440848
440848
440848
440848
440848
440848
440848
440848
440848
440848
440848
440848
440848
440848
440848
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1