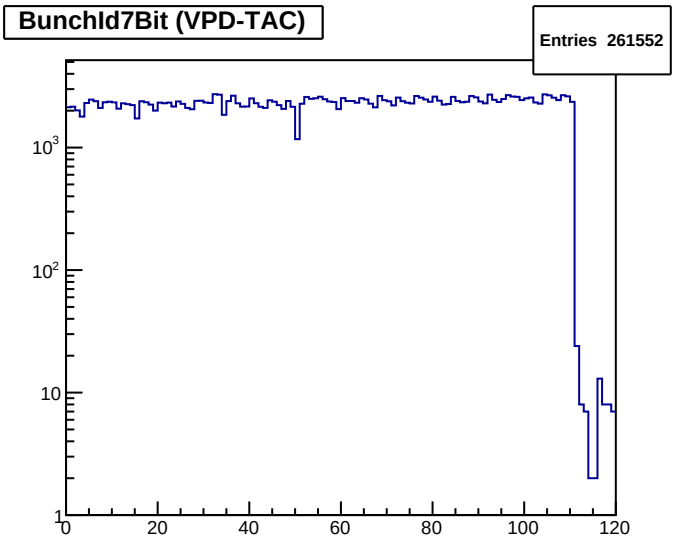
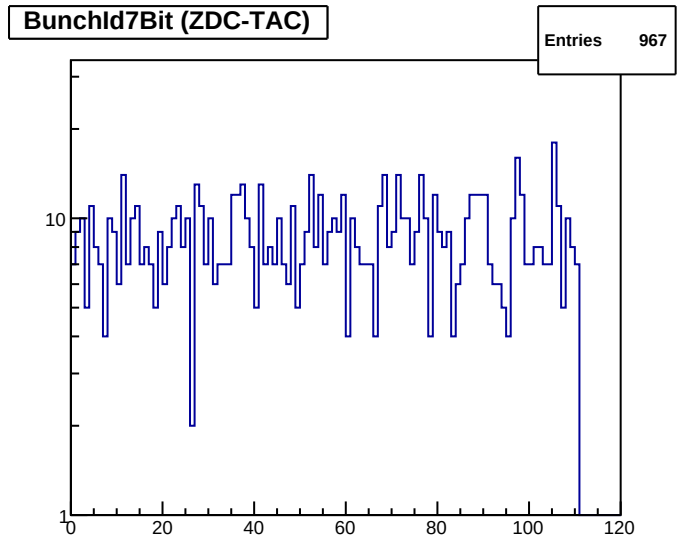
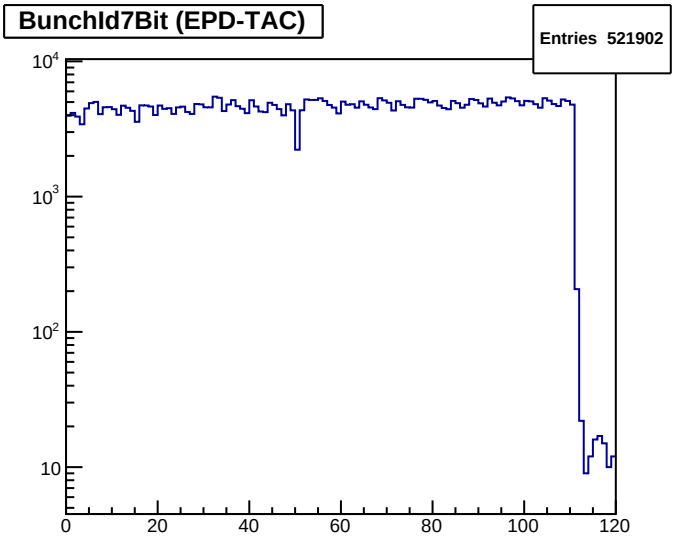
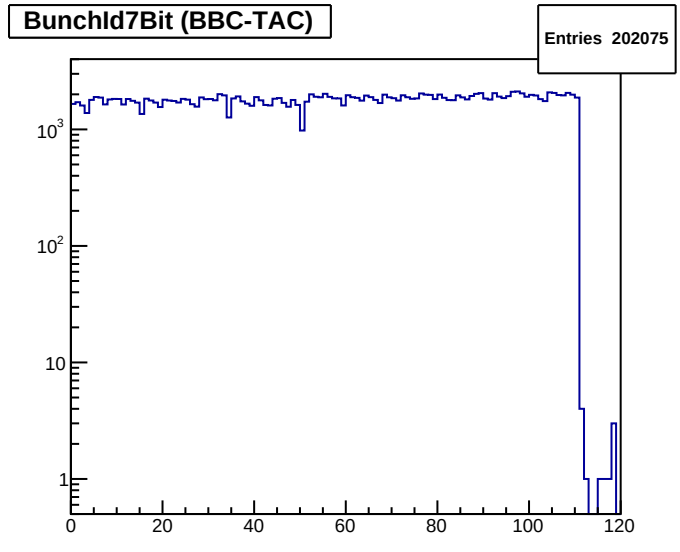
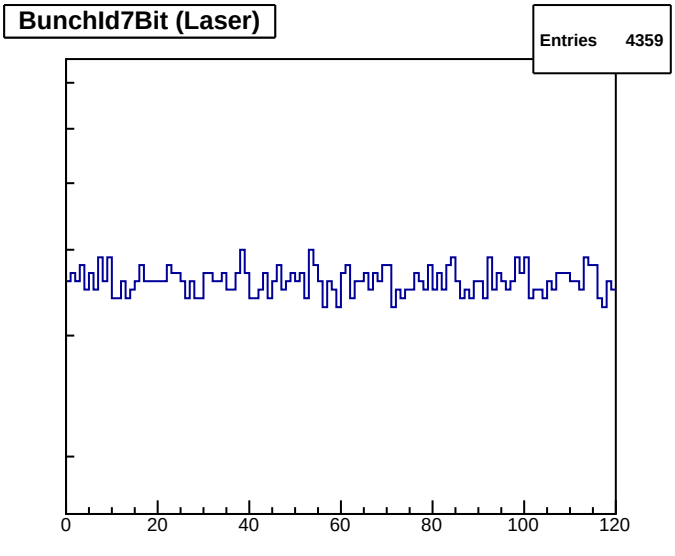
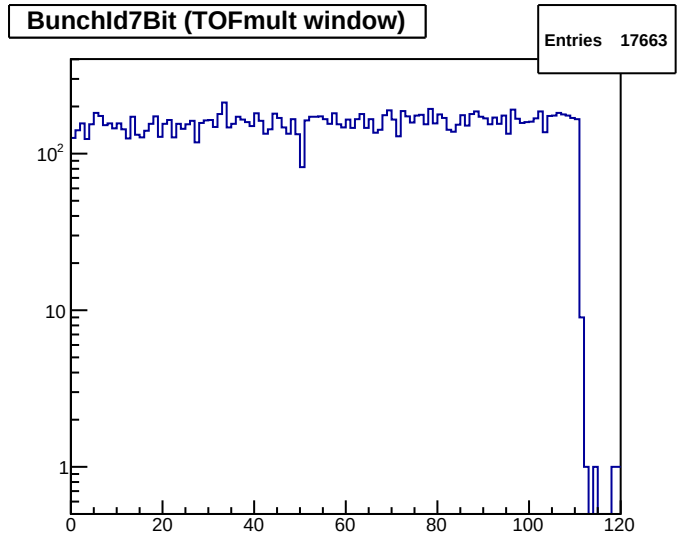

BunchId7Bit (VPD-TAC)
Entries 261552

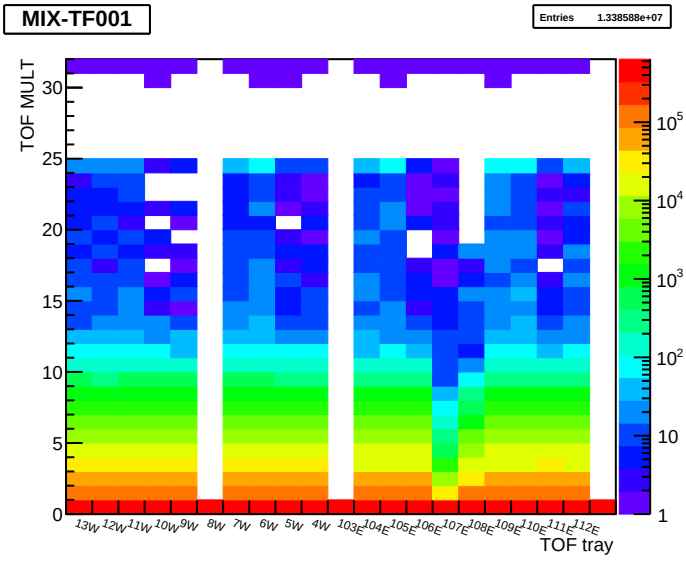

BunchId7Bit (ZDC-TAC)
Entries 967

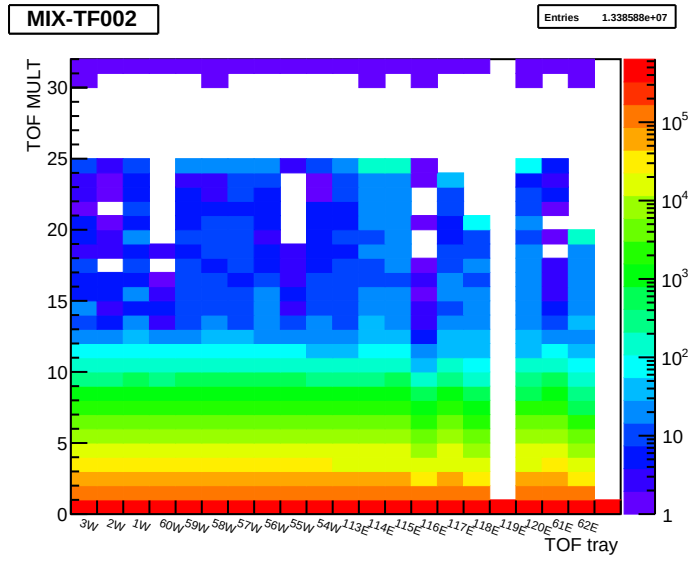

BunchId7Bit (EPD-TAC)
Entries 521902

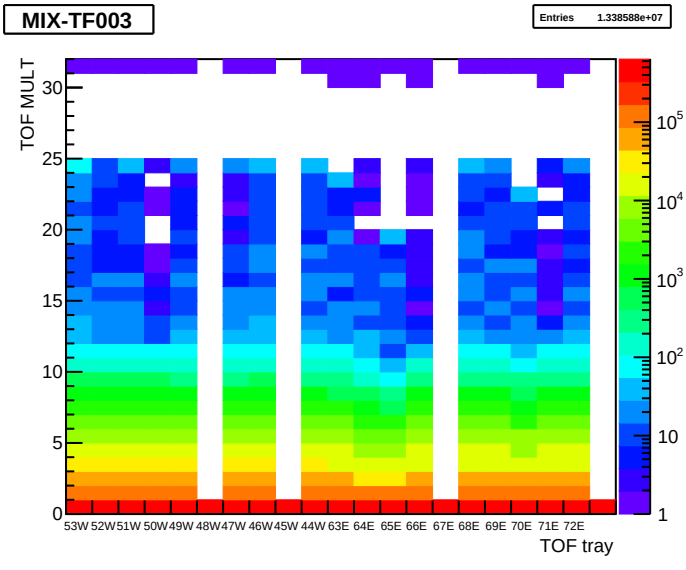

BunchId7Bit (BBC-TAC)
Entries 202075

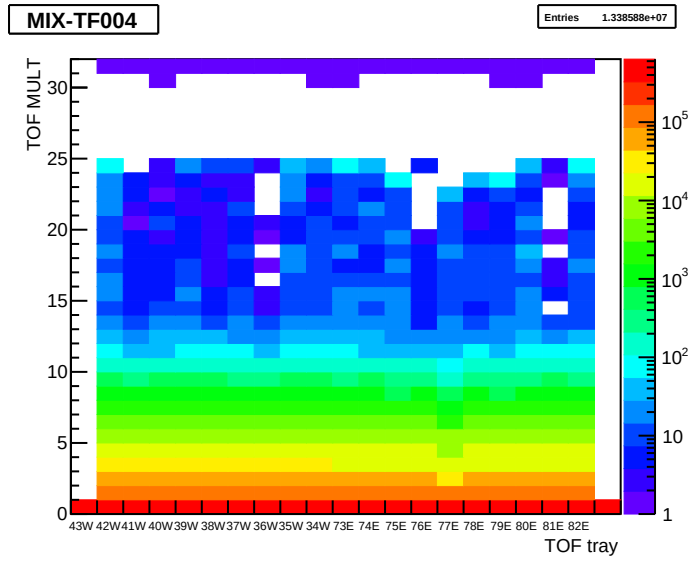

BunchId7Bit (Laser)
Entries 4359

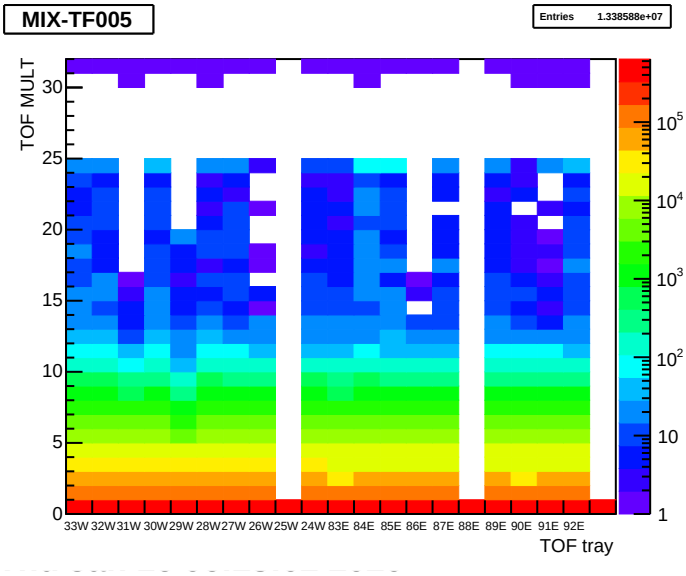

BunchId7Bit (TOFmult window)
Entries 17663

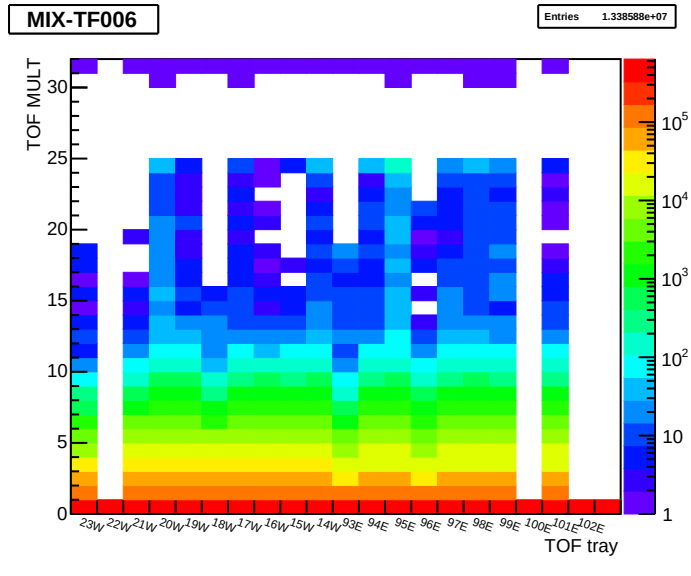

MIX-TF001
Entries 1.338588e+07
TOF MULT
TOF tray

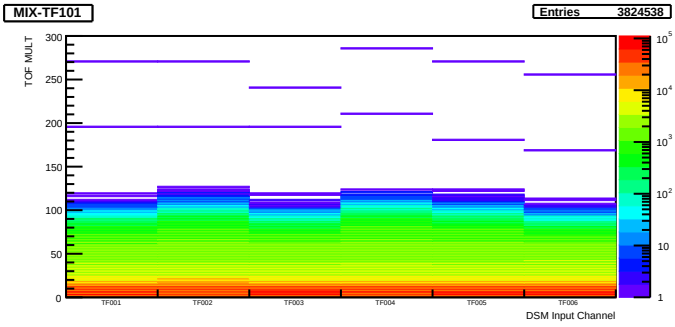

MIX-TF002
Entries 1.338588e+07
TOF MULT
TOF tray

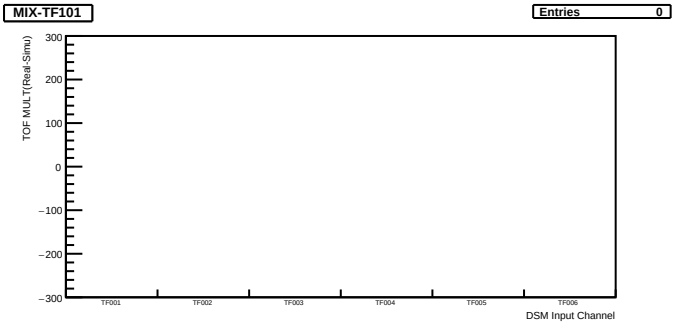

MIX-TF003
Entries 1.338588e+07
TOF MULT
TOF tray

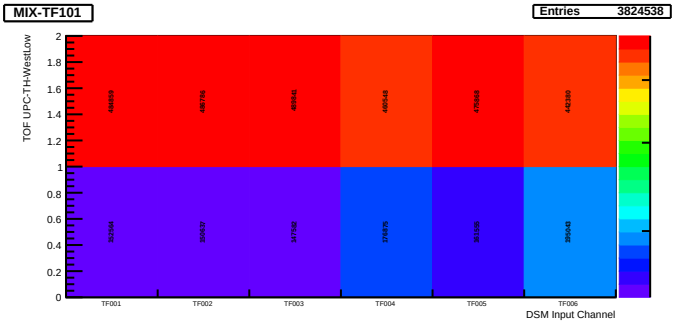

MIX-TF004
Entries 1.338588e+07
TOF MULT
TOF tray

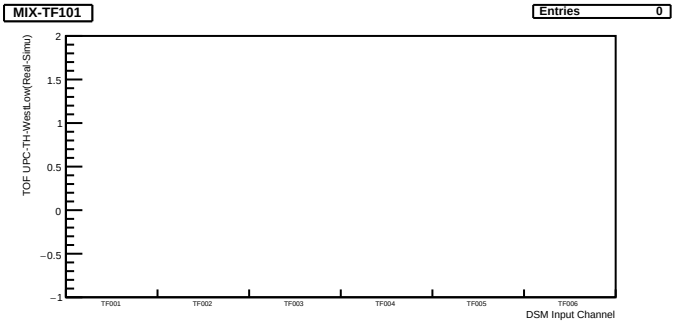

MIX-TF005
Entries 1.338588e+07
TOF MULT
TOF tray

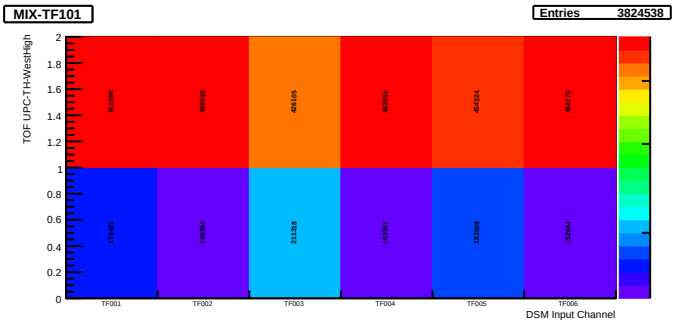

MIX-TF006
Entries 1.338588e+07
TOF MULT
TOF tray

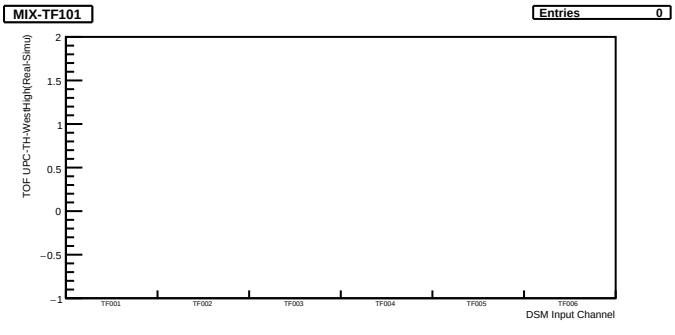

MIX-TF101
Entries 3824538
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

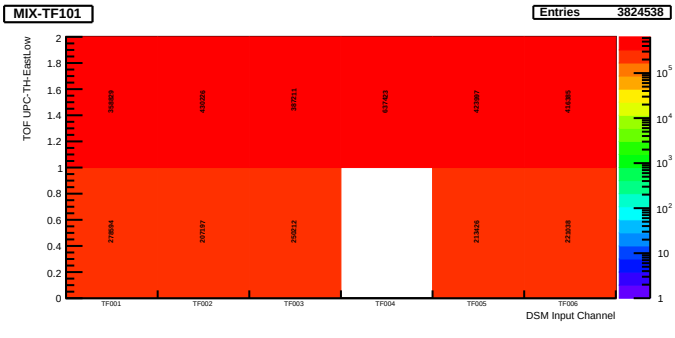

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

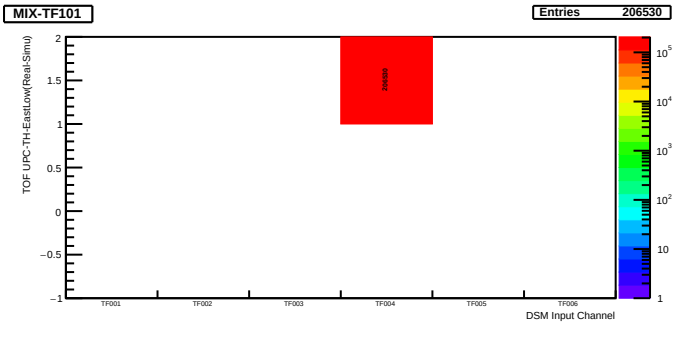

MIX-TF101
Entries 3824538
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

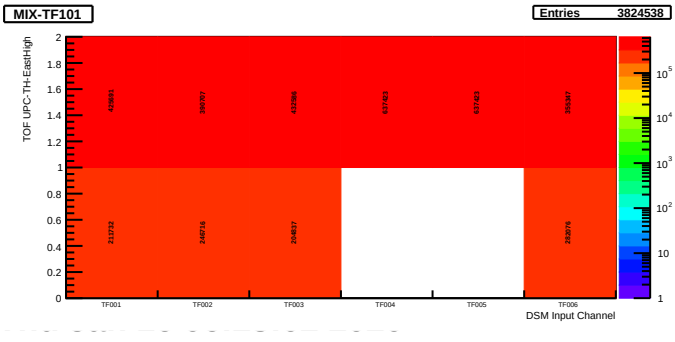

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

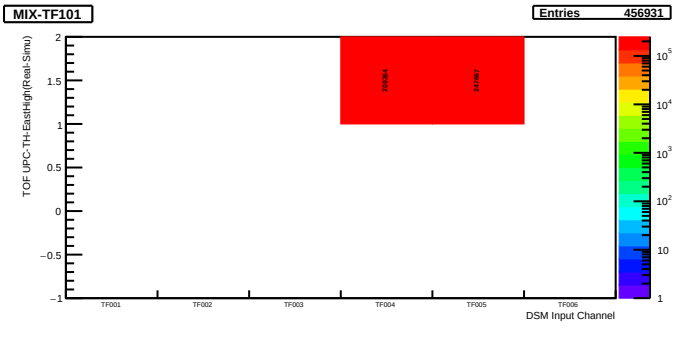

MIX-TF101
Entries 3824538
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

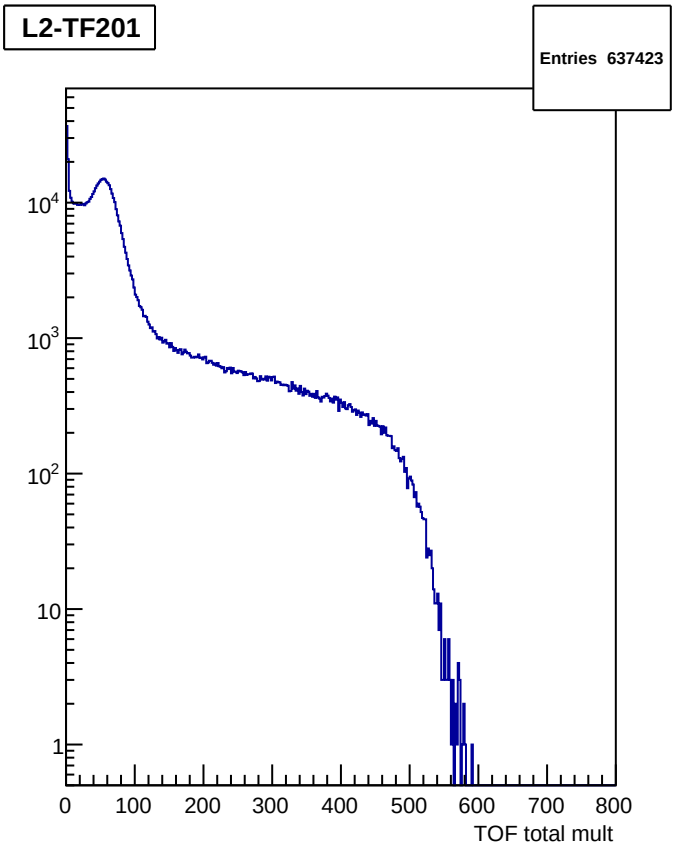

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

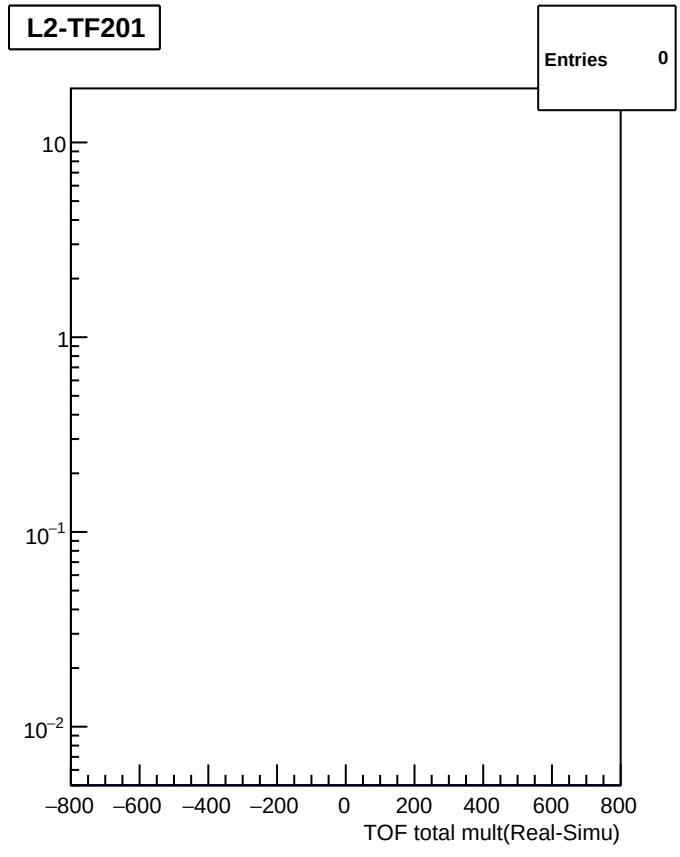

MIX-TF101
Entries 3824538
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

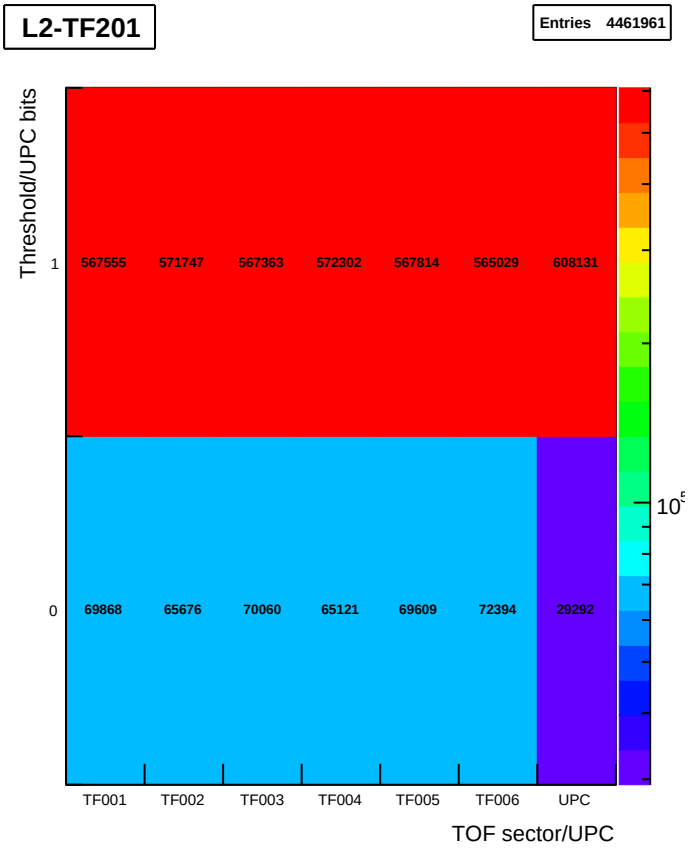

MIX-TF101
Entries 206530
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

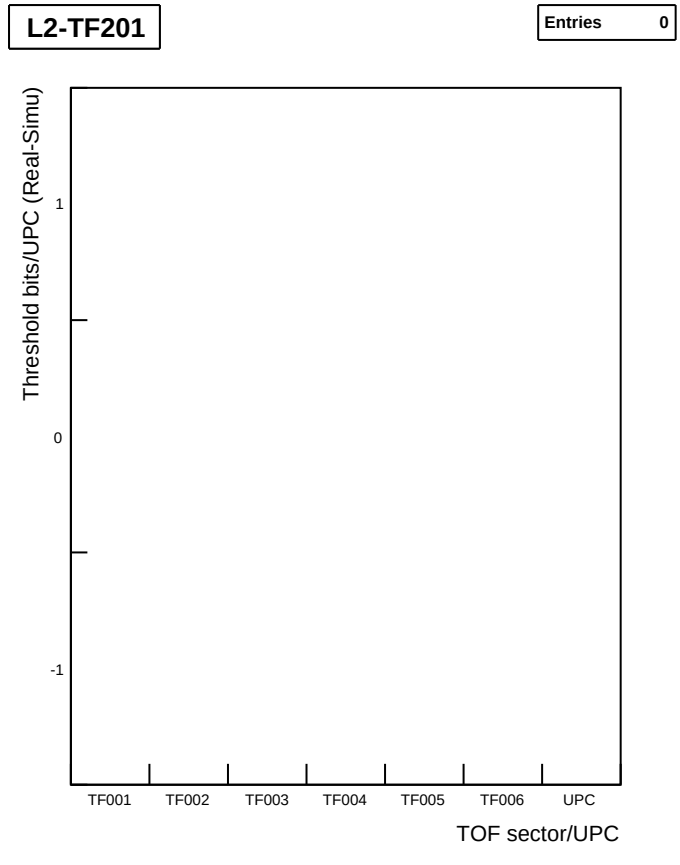

MIX-TF101
Entries 3824538
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

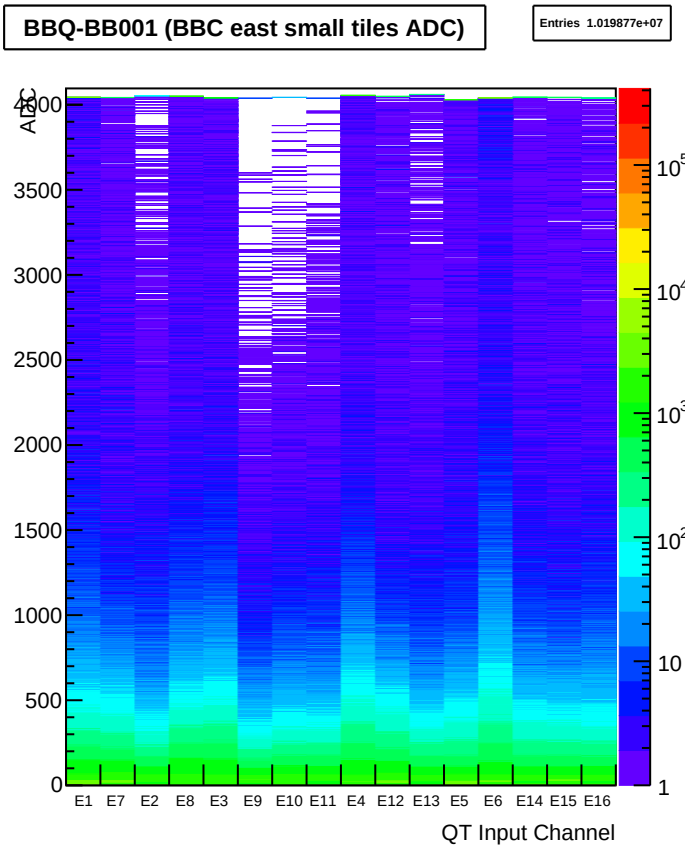

MIX-TF101
Entries 456931
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

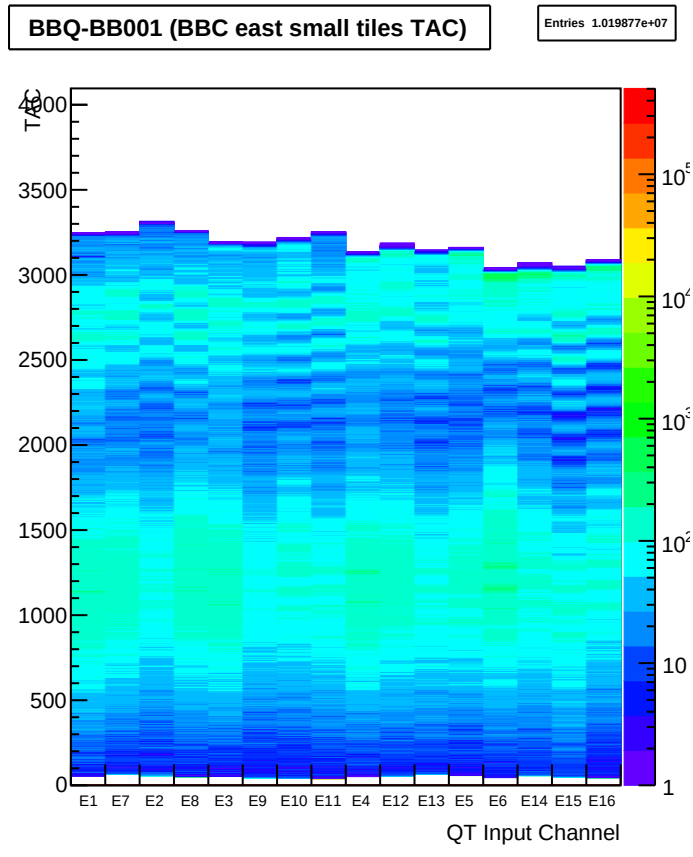

L2-TF201
Entries 637423
TOF total mult

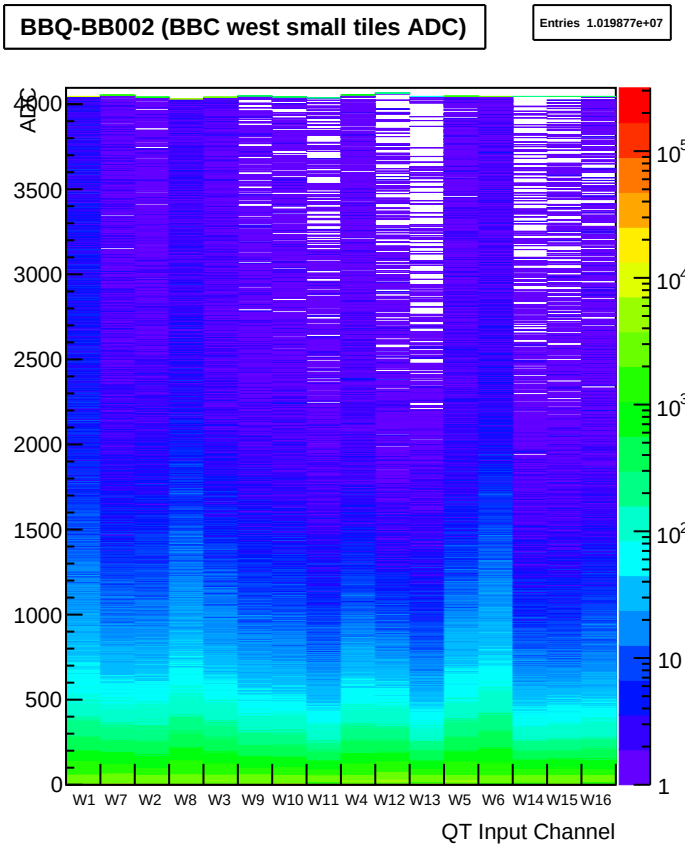

L2-TF201
Entries 0
TOF total mult(Real-Simu)

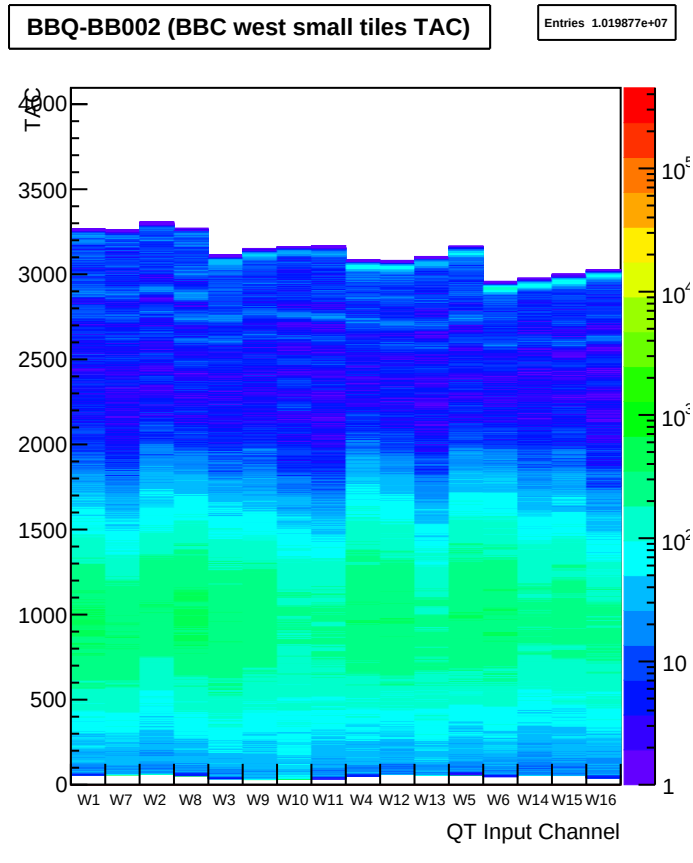

L2-TF201
Entries 4461961
Threshold/UPC bits
567555
571747
567363
572302
567814
565029
608131
69868
65676
70060
65121
69609
72394
29292
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

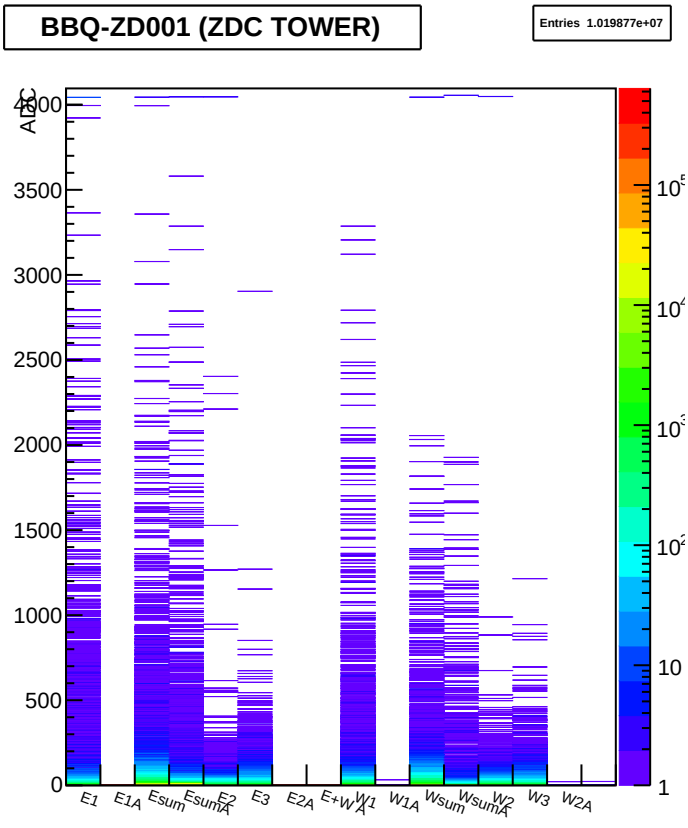

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

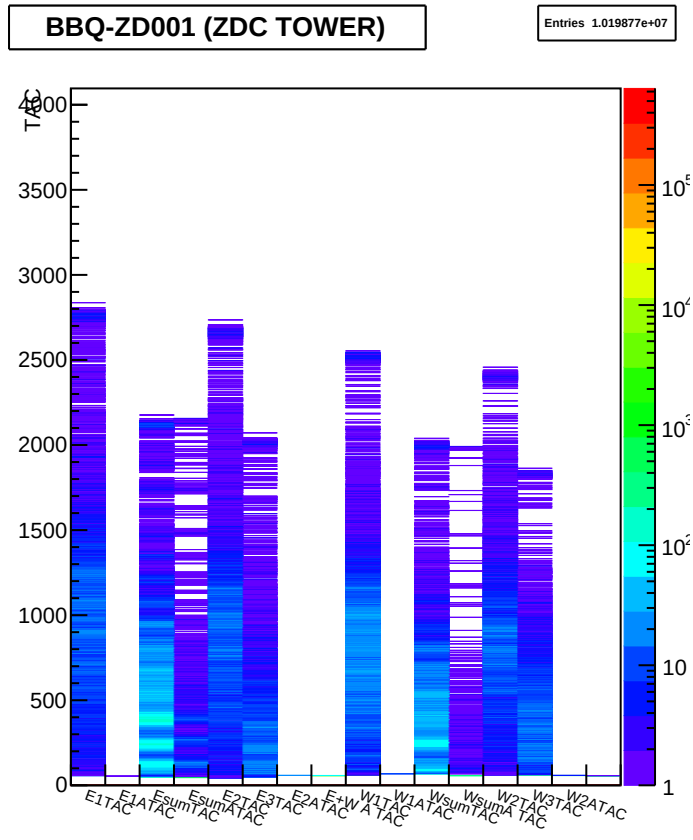

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.019877e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

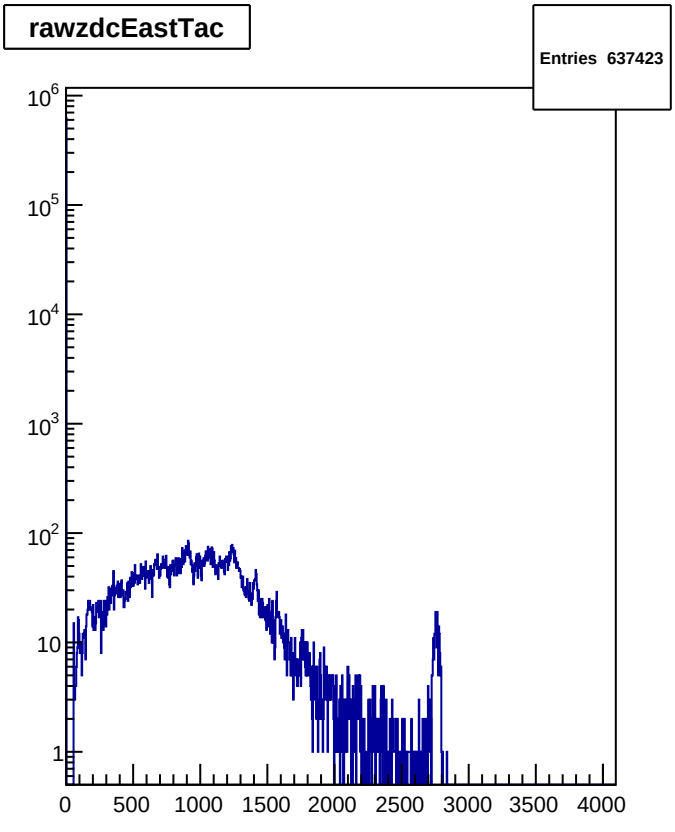

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.019877e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

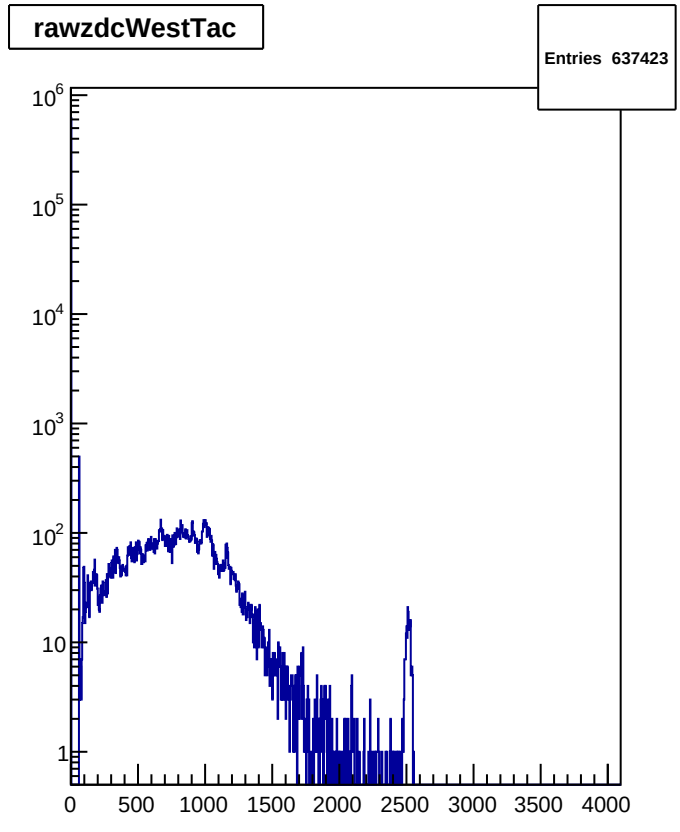

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.019877e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

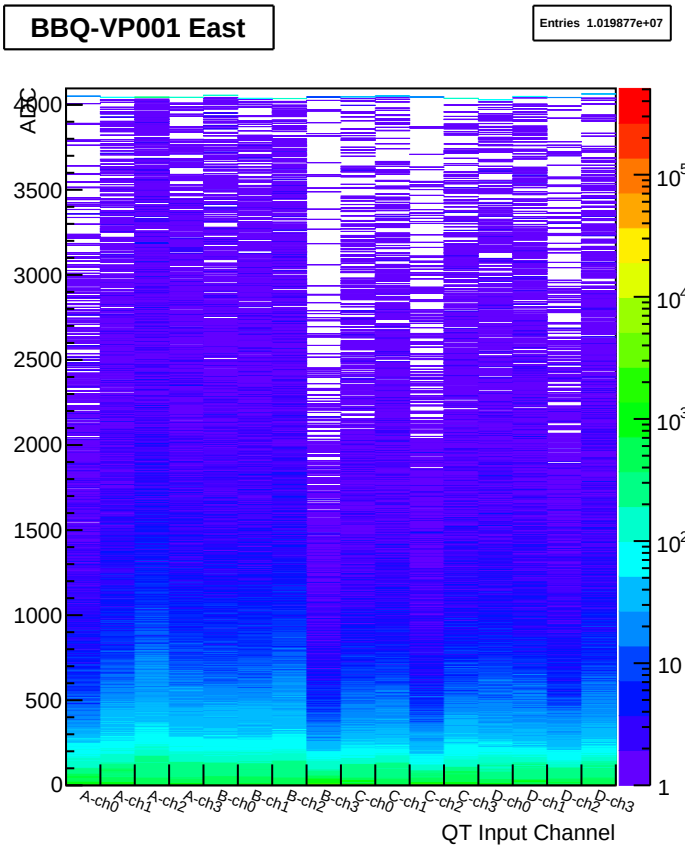

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.019877e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

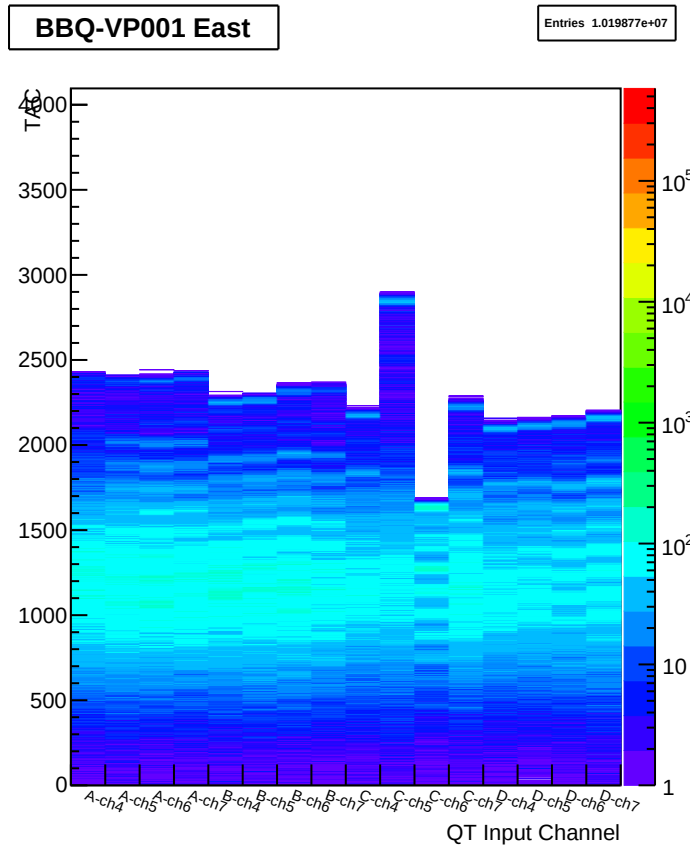

BBQ-ZD001 (ZDC TOWER)
Entries 1.019877e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

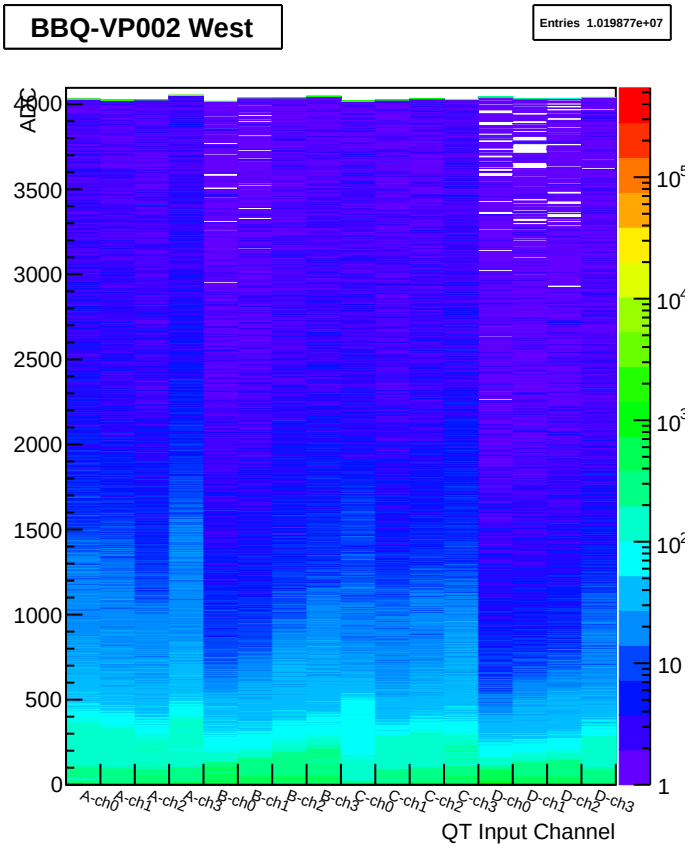

BBQ-ZD001 (ZDC TOWER)
Entries 1.019877e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

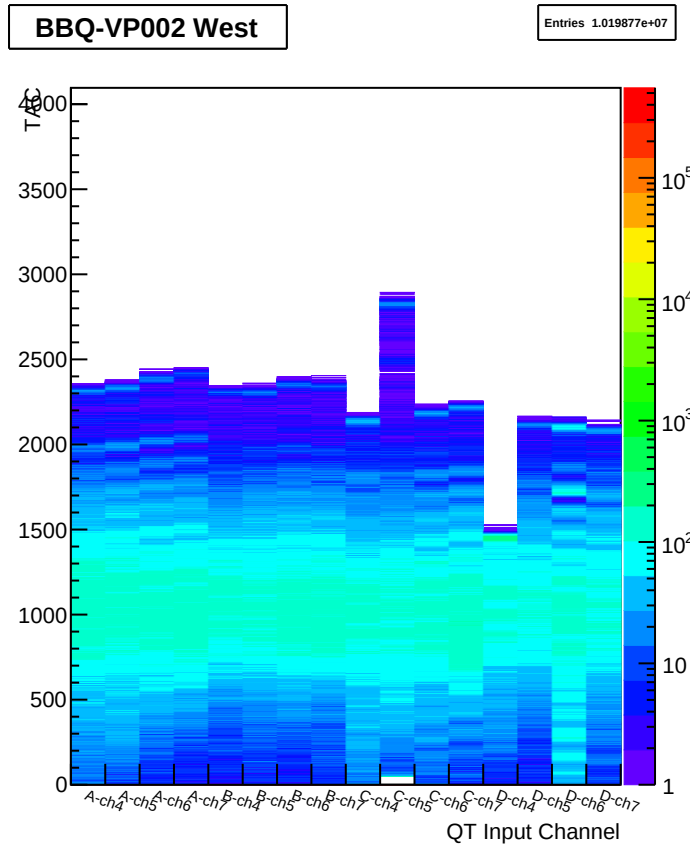

rawzdcEastTac
Entries 637423

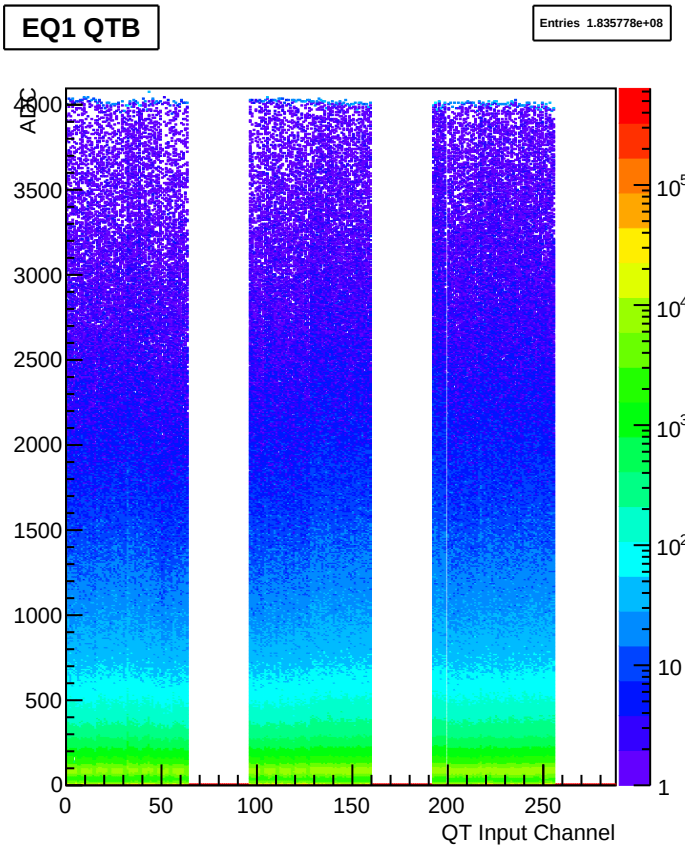

rawzdcWestTac
Entries 637423

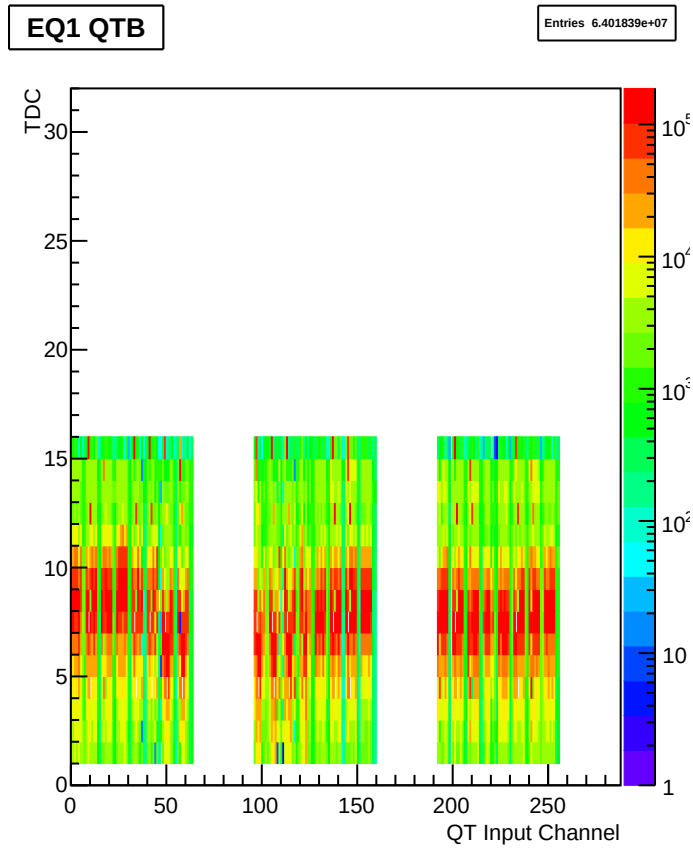

BBQ-VP001 East
Entries 1.019877e+07
ADC
QT Input Channel

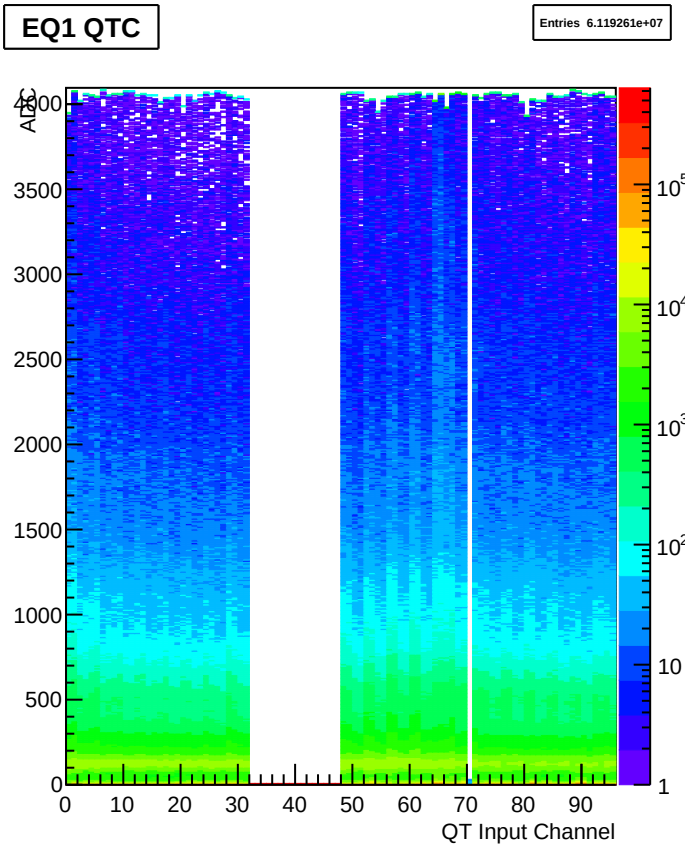

BBQ-VP001 East
Entries 1.019877e+07
TAC
QT Input Channel

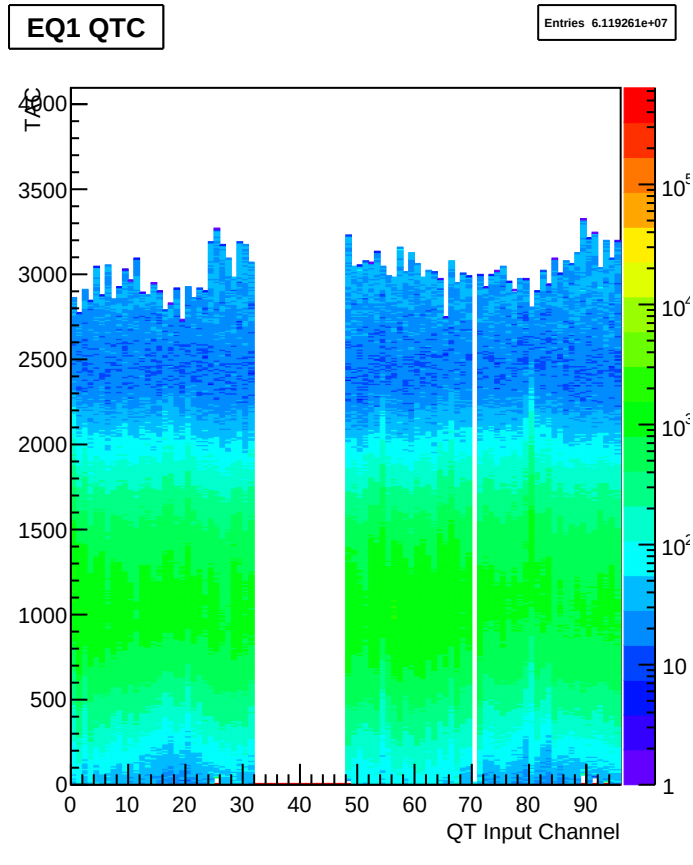

BBQ-VP002 West
Entries 1.019877e+07
ADC
QT Input Channel

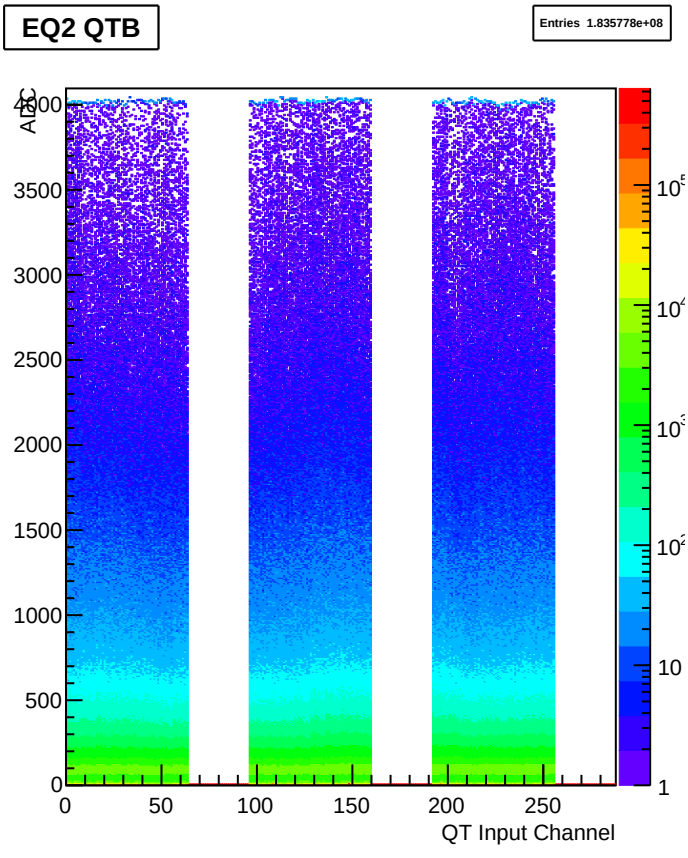

BBQ-VP002 West
Entries 1.019877e+07
TAC
QT Input Channel

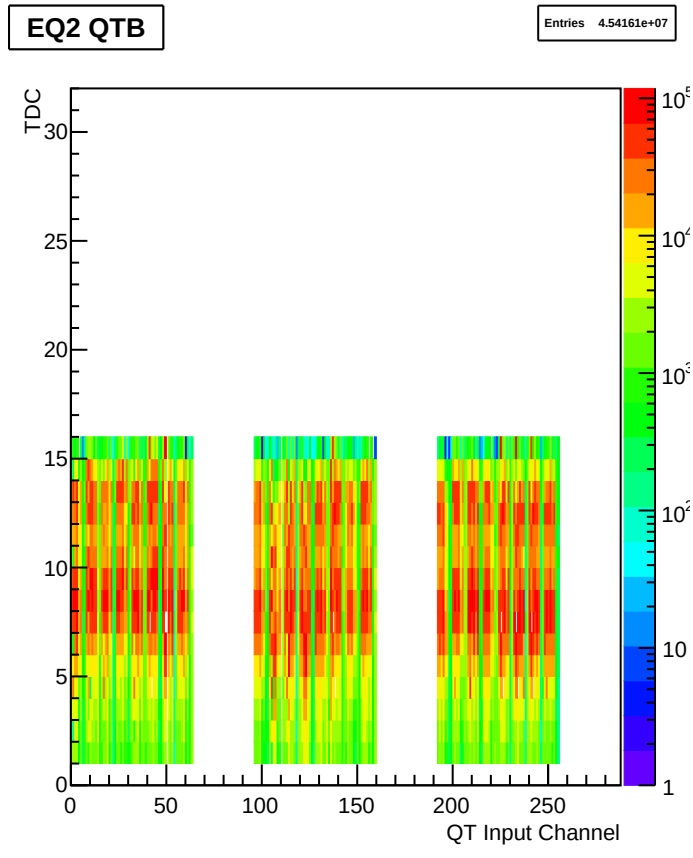

EQ1 QTB
Entries 1.835778e+08
ADC
QT Input Channel

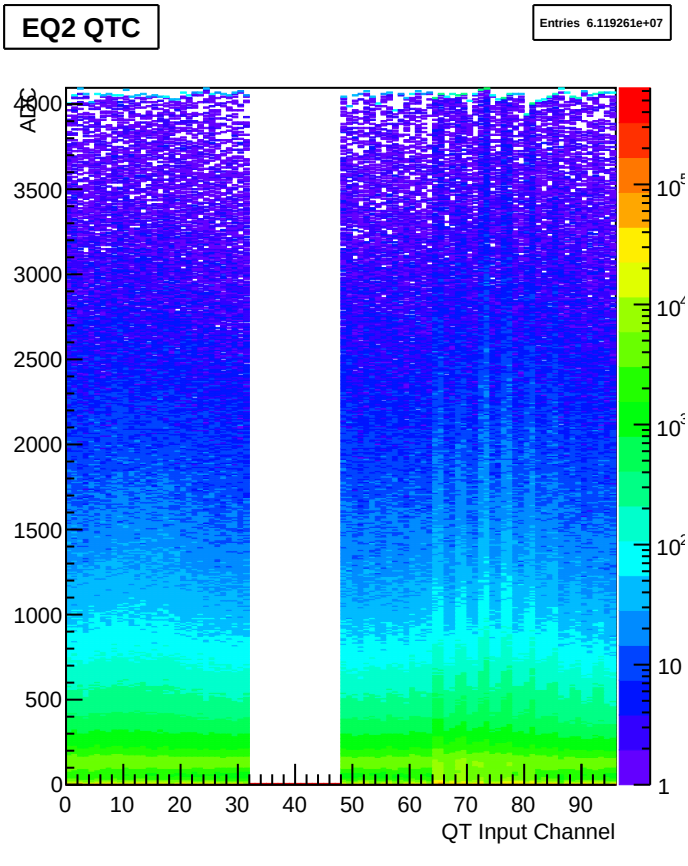

EQ1 QTB
Entries 6.401839e+07
TDC
QT Input Channel

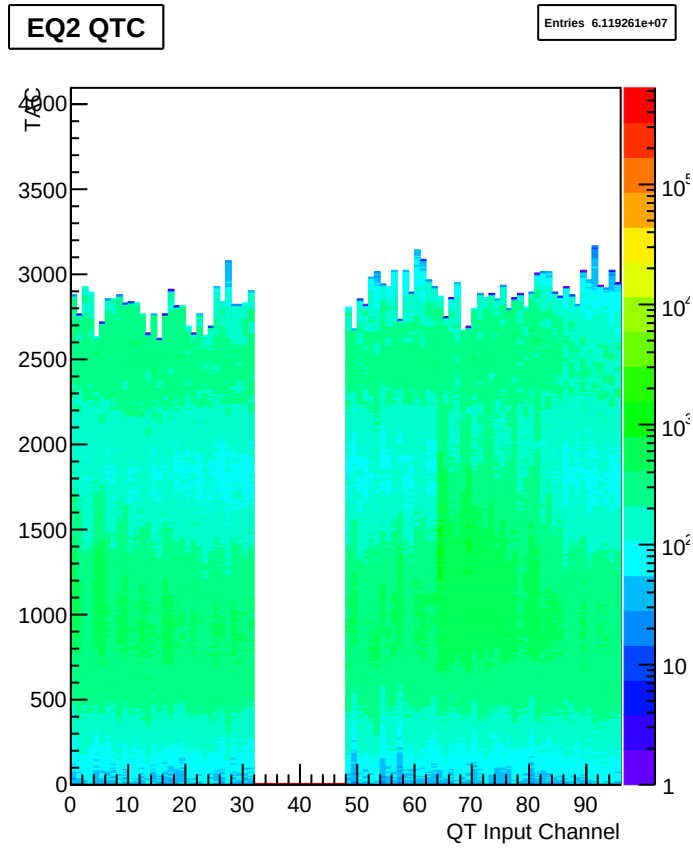

EQ1 QTC
Entries 6.119261e+07
ADC
QT Input Channel

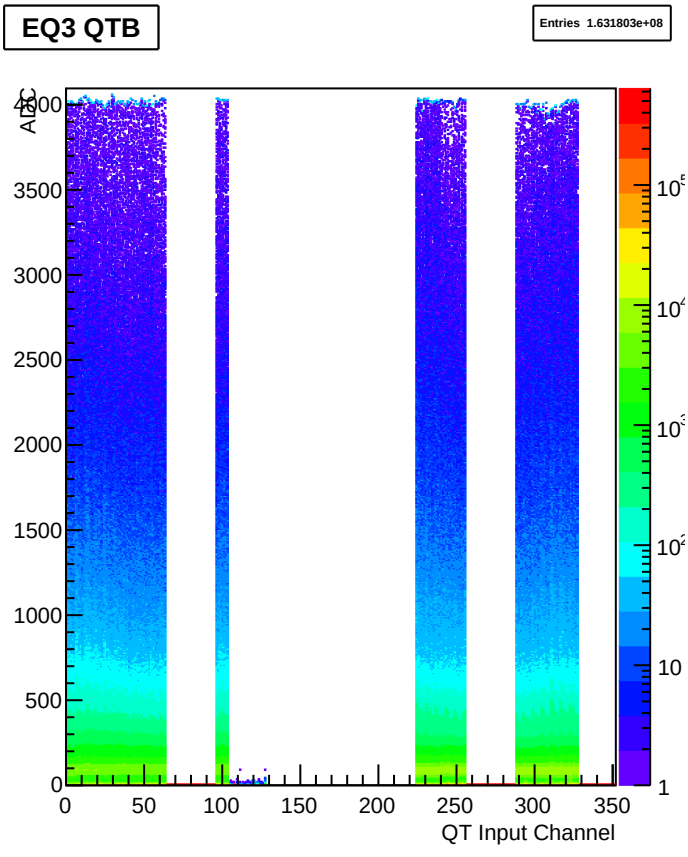

EQ1 QTC
Entries 6.119261e+07
TADC
QT Input Channel

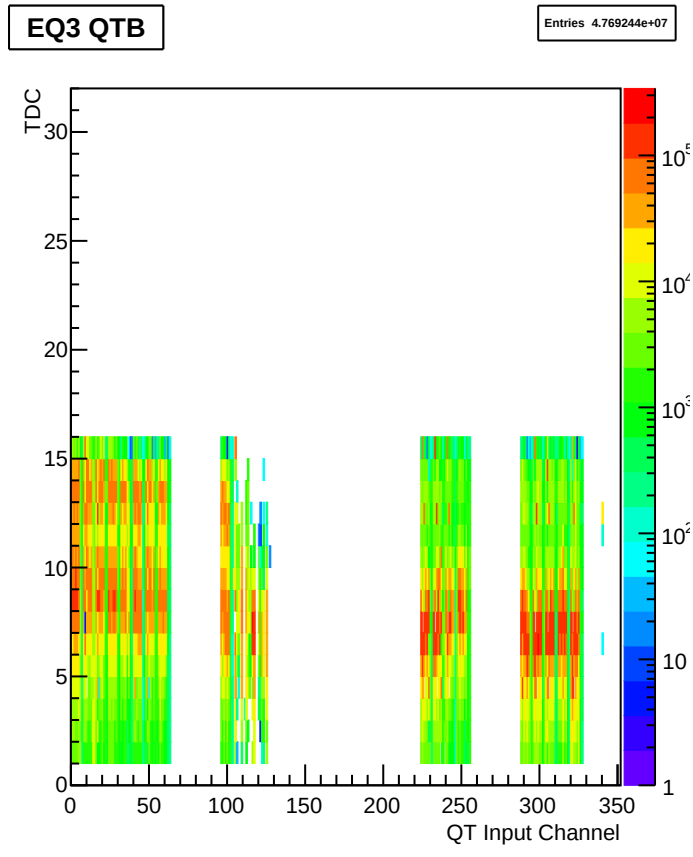

EQ2 QTB
Entries 1.835778e+08
ADC
QT Input Channel

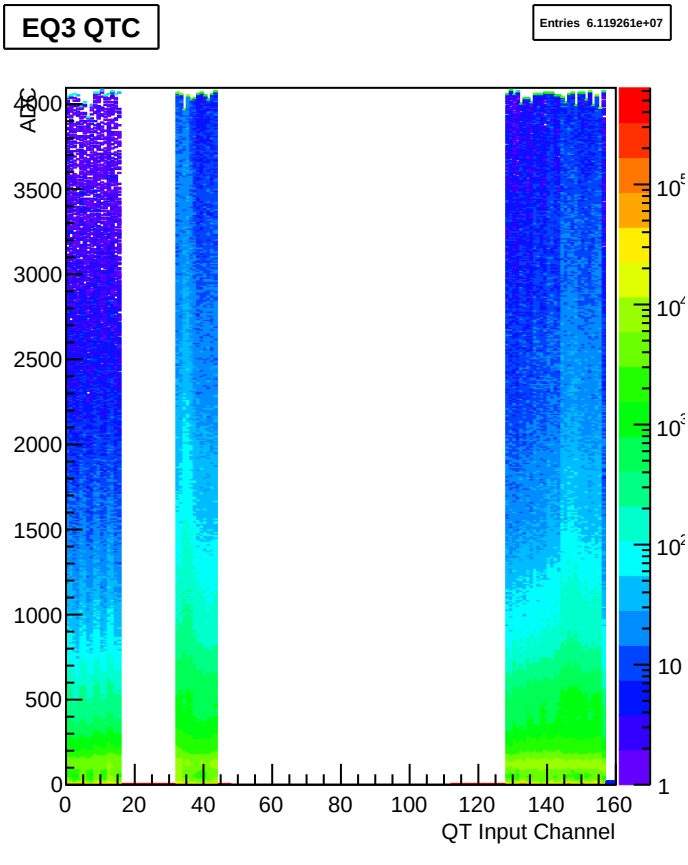

EQ2 QTB
Entries 4.54161e+07
TDC
QT Input Channel

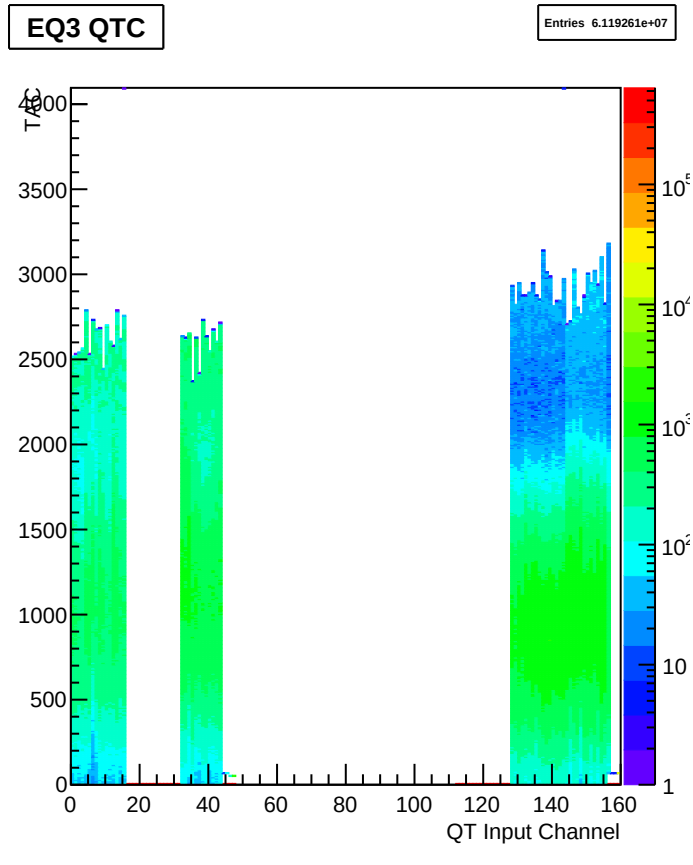

EQ2 QTC
Entries 6.119261e+07
ADC
QT Input Channel

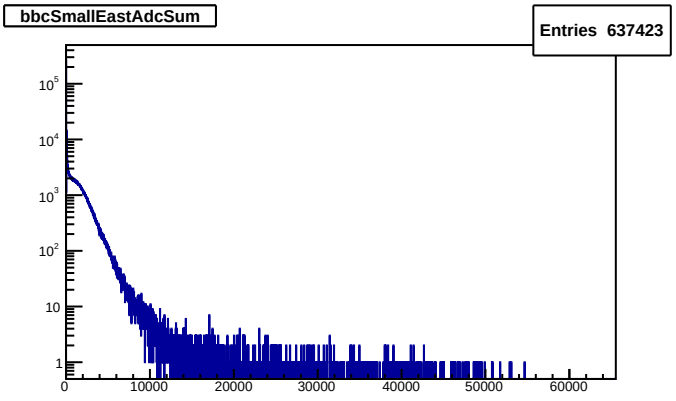

EQ2 QTC
Entries 6.119261e+07
TADC
QT Input Channel

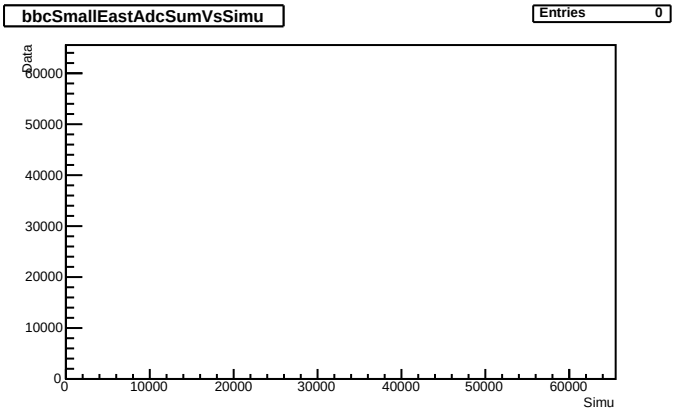

EQ3 QTB
Entries 1.631803e+08
ADC
QT Input Channel

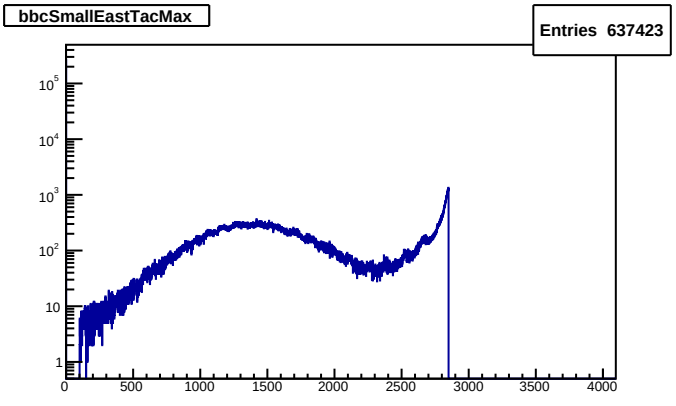

EQ3 QTB
Entries 4.769244e+07
TDC
QT Input Channel

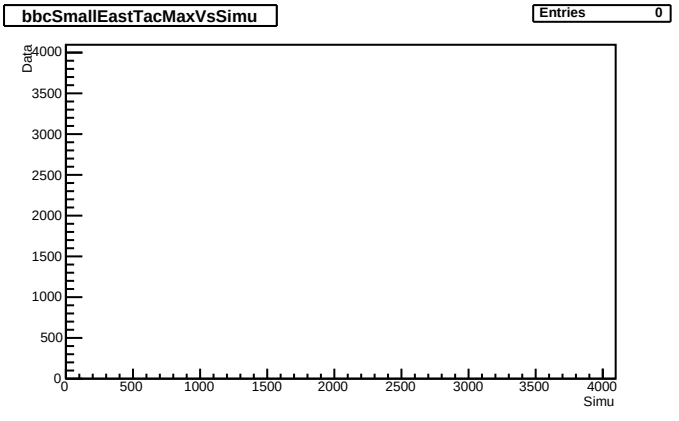

EQ3 QTC
Entries 6.119261e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.119261e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 637423


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 637423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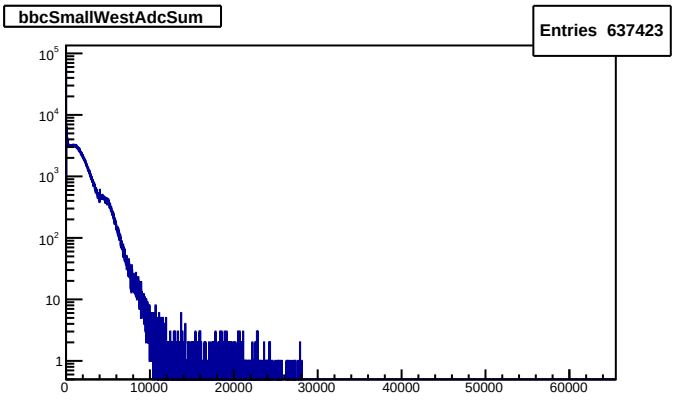
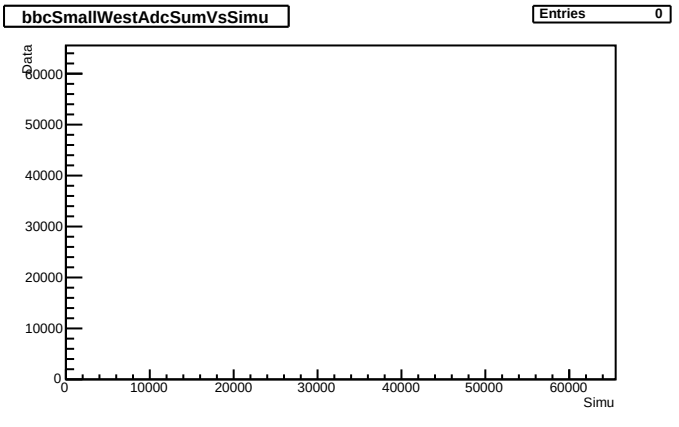

bbcSmallWestAdcSum
Entries 637423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Entries 0
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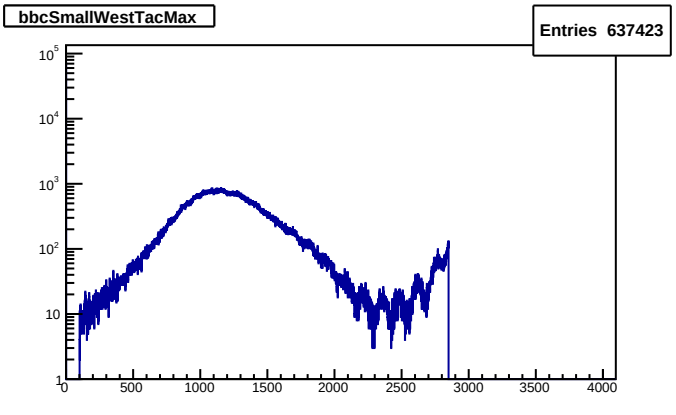
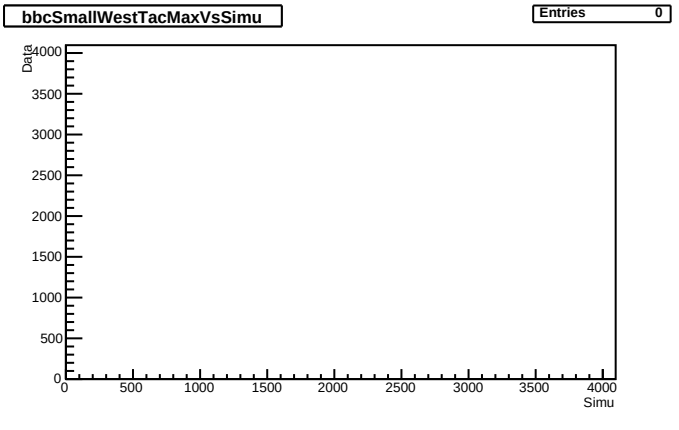
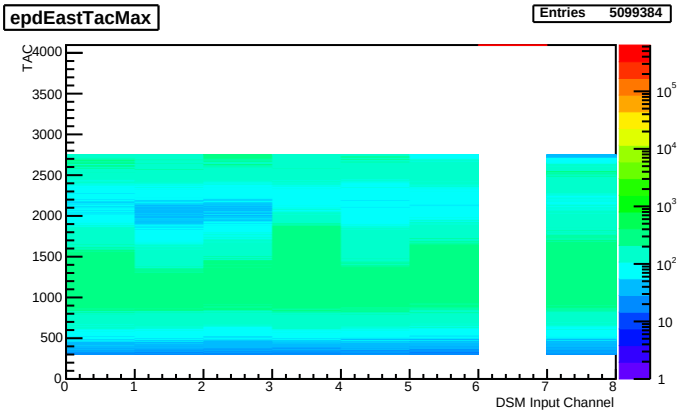
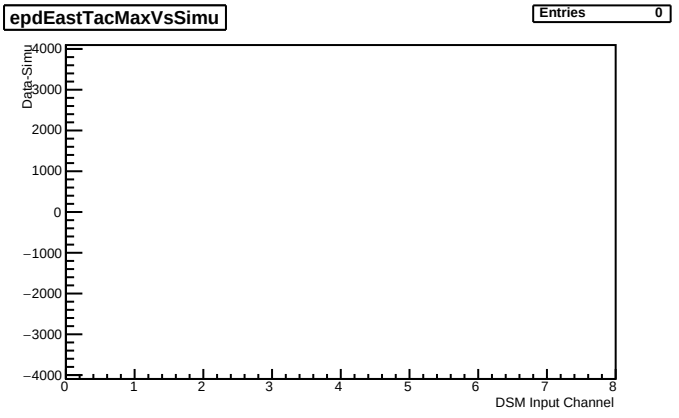
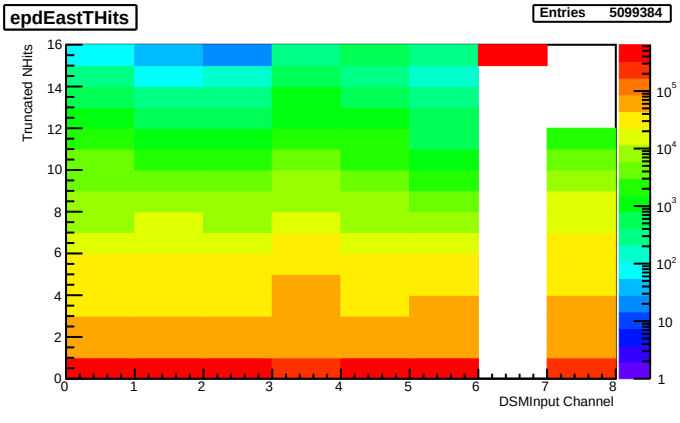
Simu

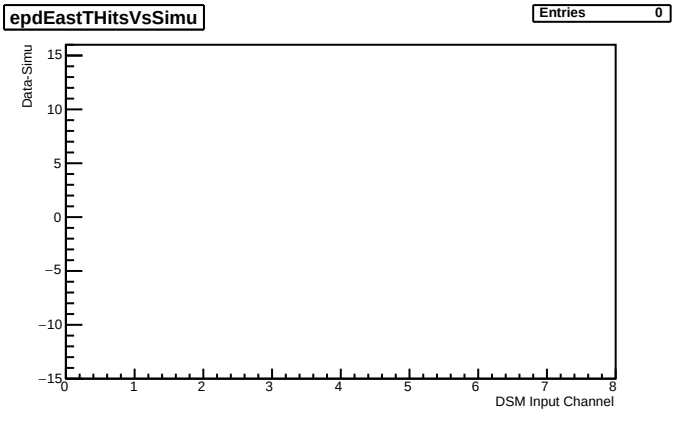

bbcSmallWestTacMax
Entries 637423


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5099384
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5099384
Truncated NHits
DSMInput Channel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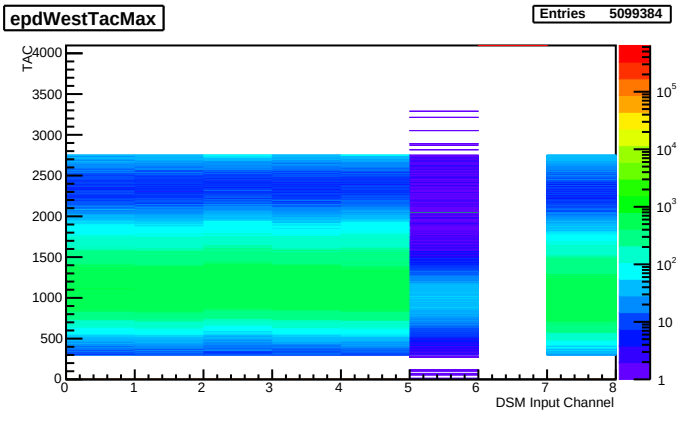
Data-Simu
DSM Input Channel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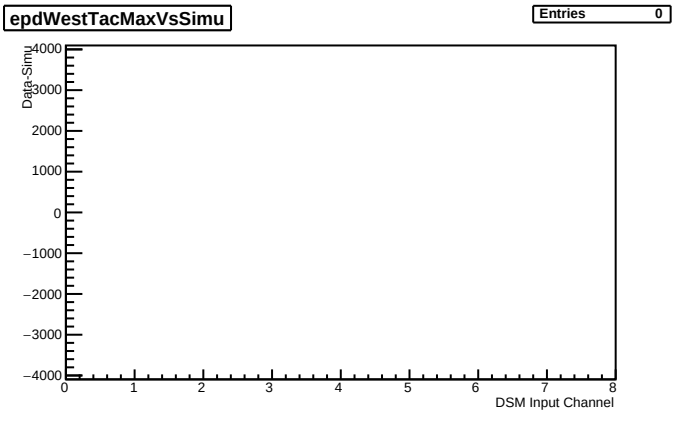
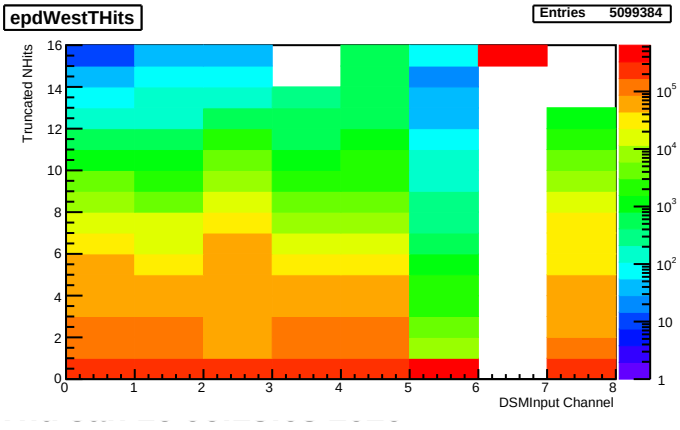
Entries 5099384
TAC
DSM Input Channel


epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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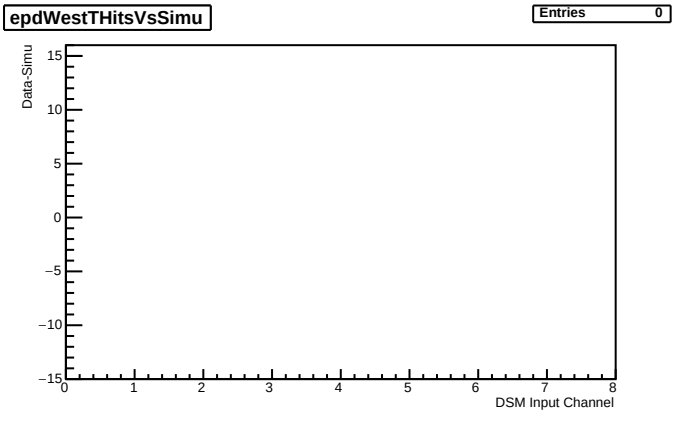
Entries 5099384
Truncated NHits
DSMInput Channel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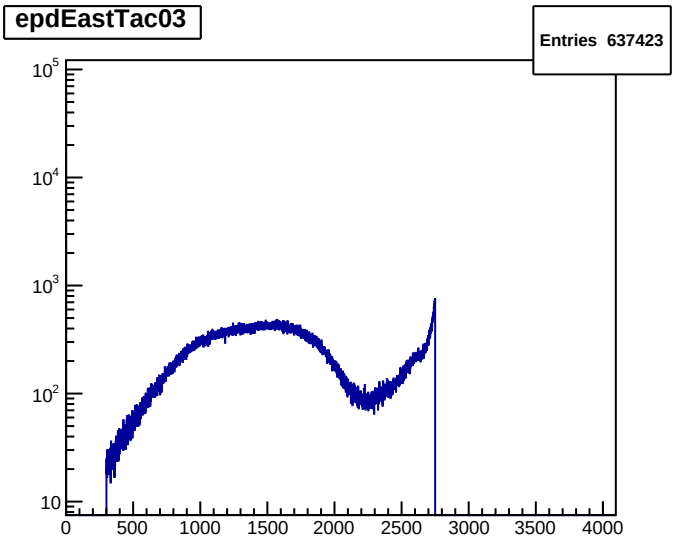
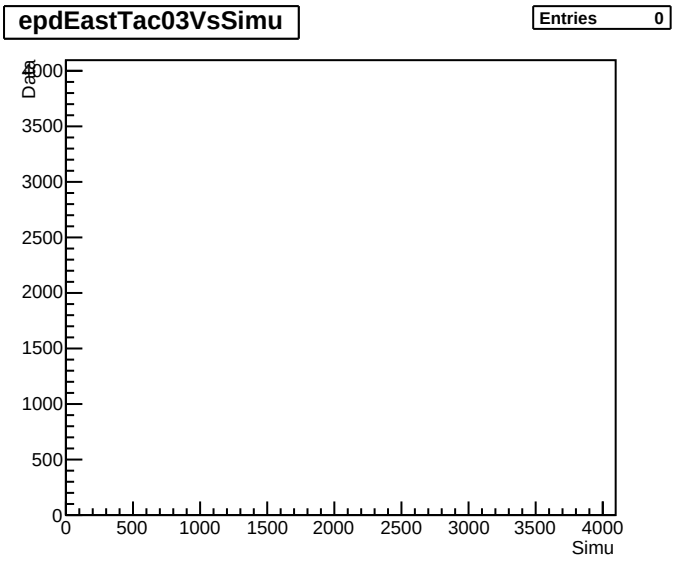
DSM Input Channel


epdEastTac03
Entries 637423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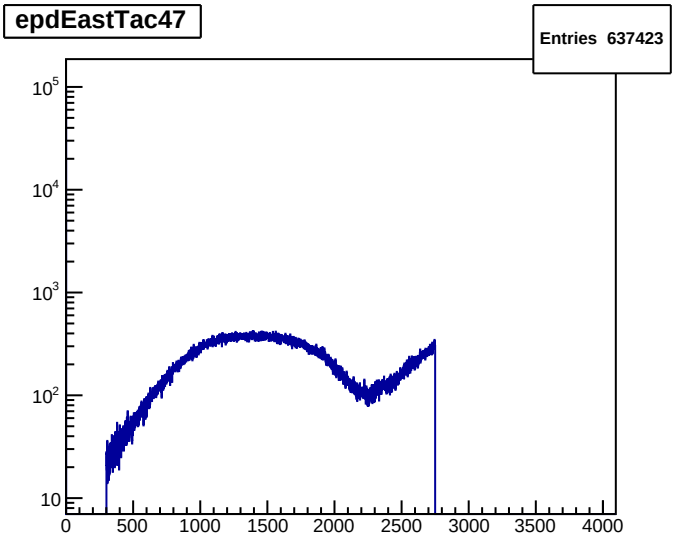
Entries 0
Data
Simu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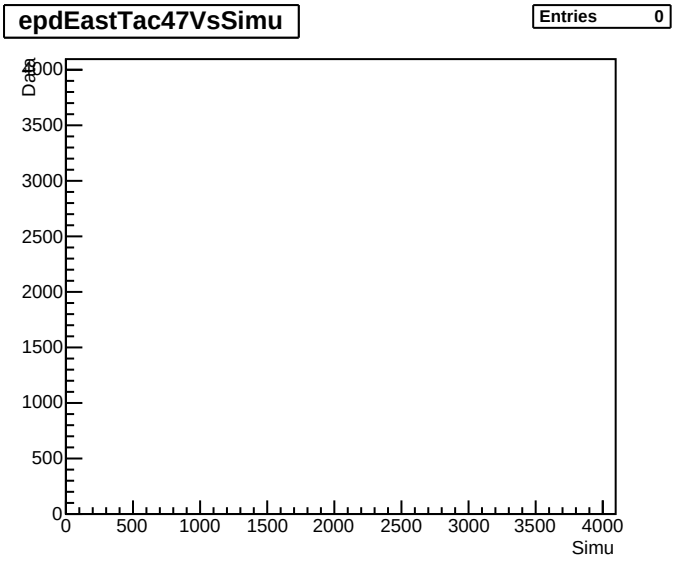
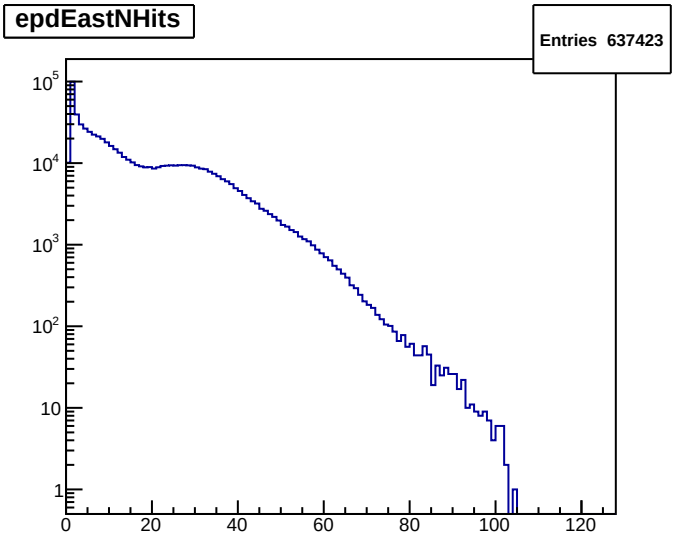
Entries 637423


epdEastTac47VsSimu
Entries 0
Data
Simu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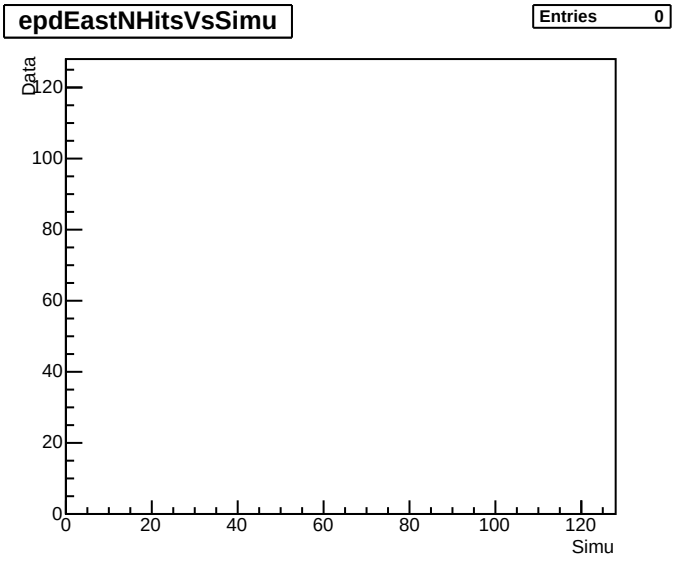
Entries 637423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Entries 0
Data
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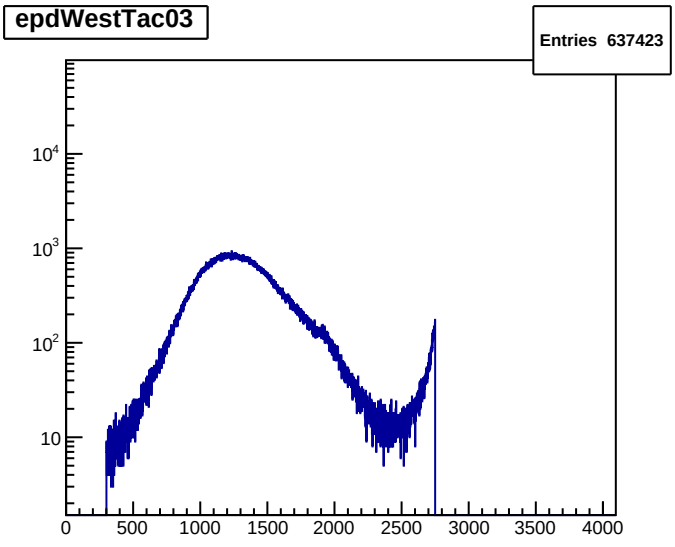
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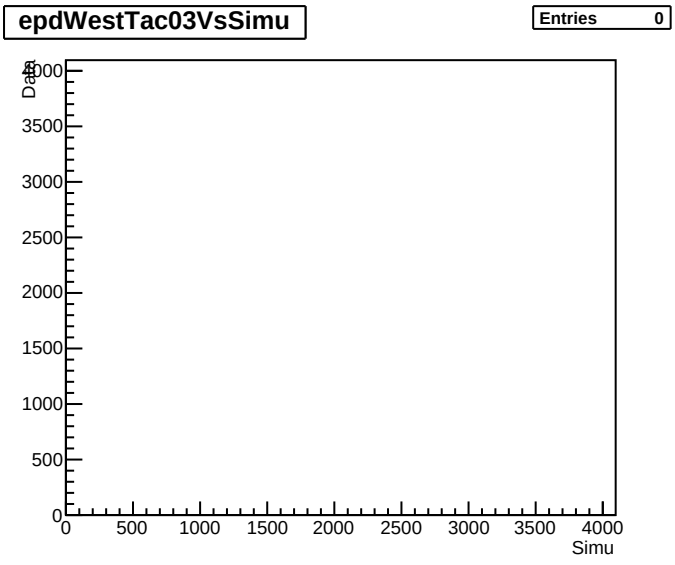
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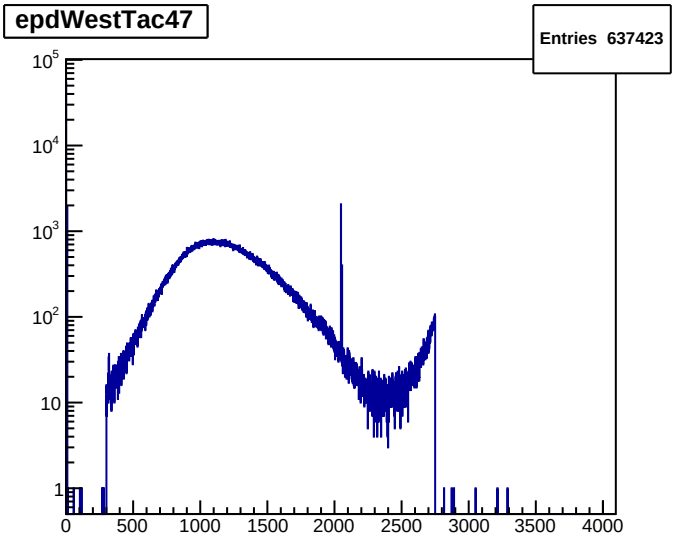
Data
Simu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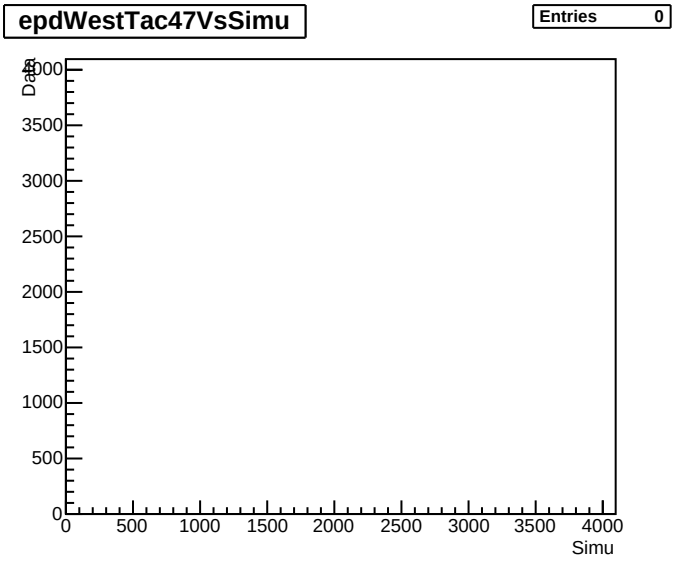
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Entries 0
Data
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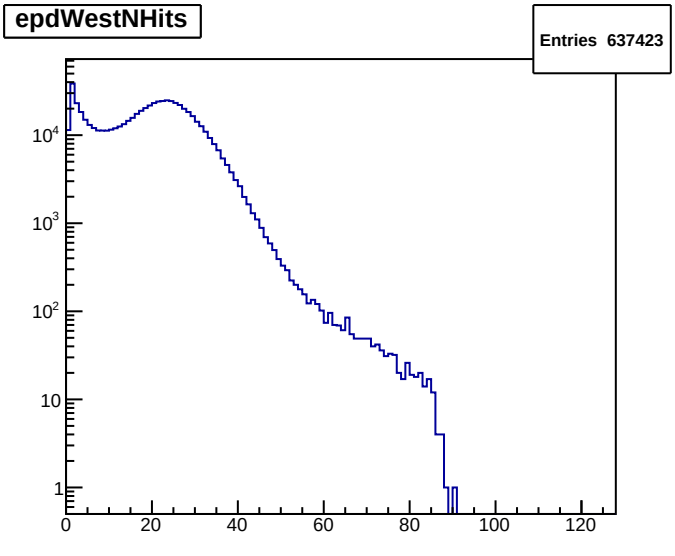
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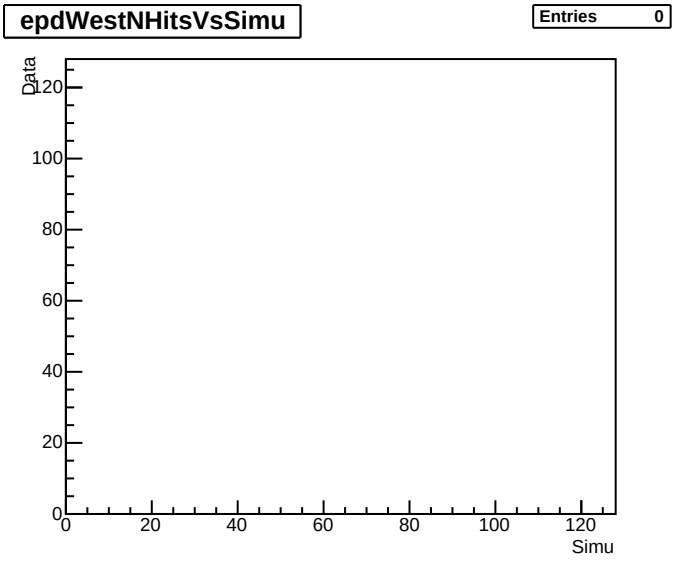
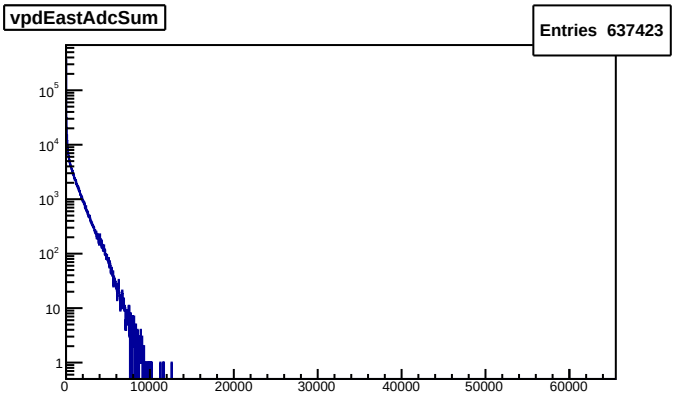
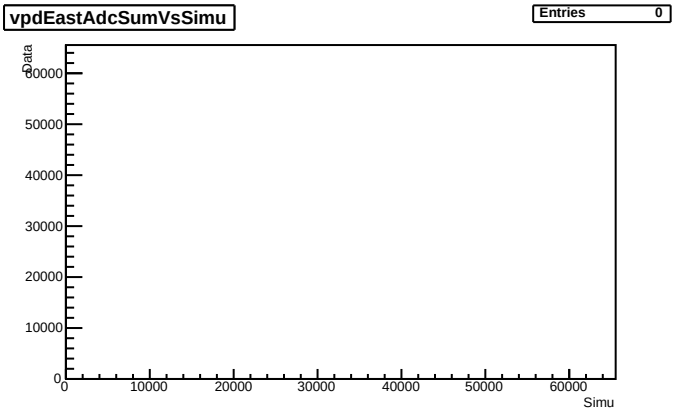
Entries 637423


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 637423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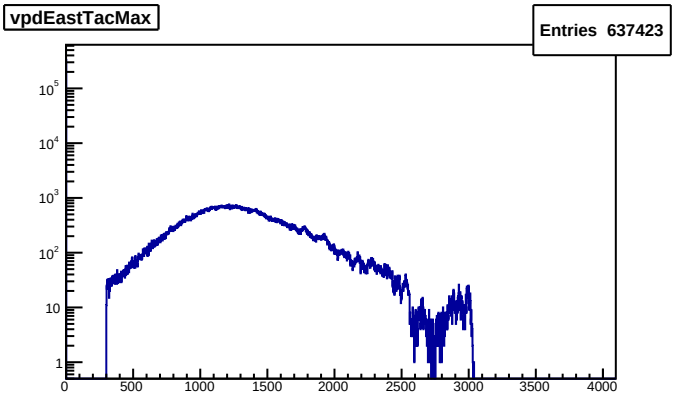
Entries 0
Data
Simu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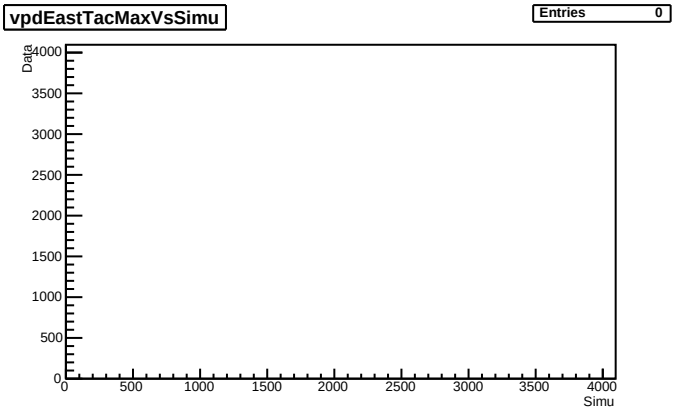
Entries 637423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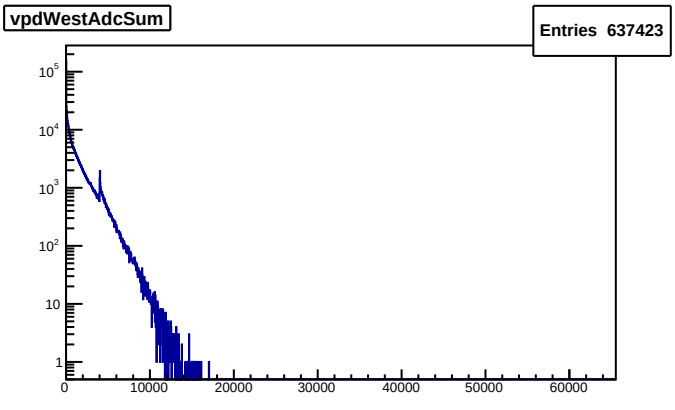
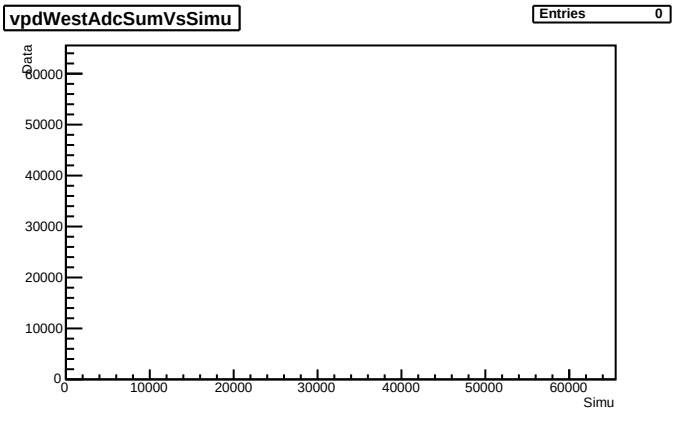
Entries 0
Data
Simu


vpdWestAdcSum
Entries 637423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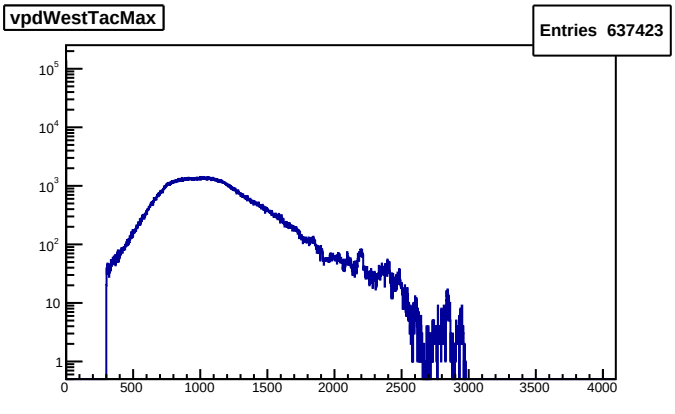
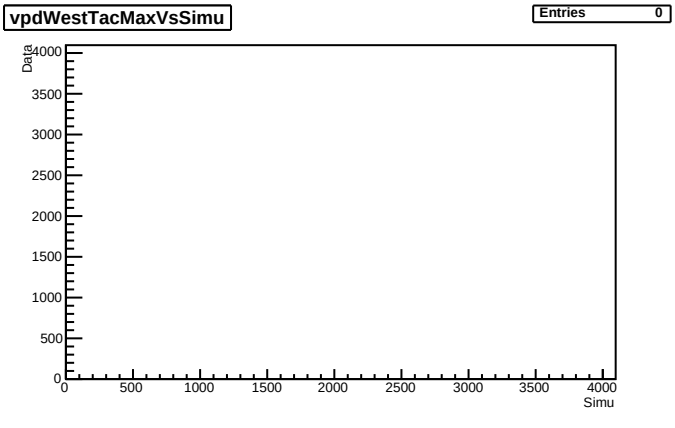
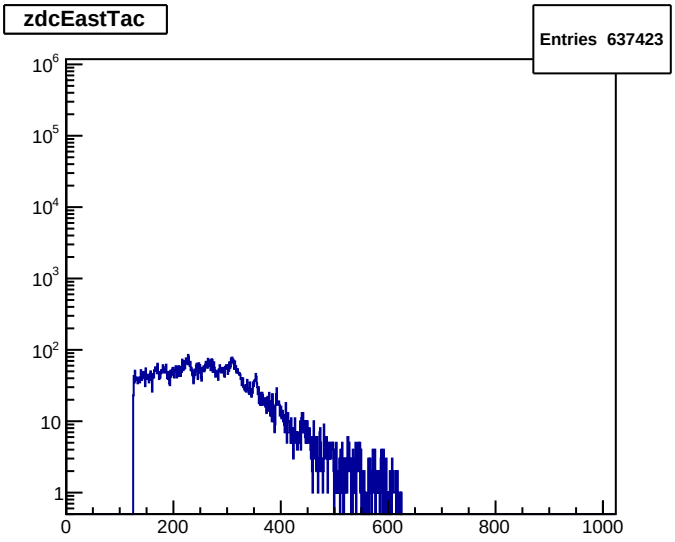
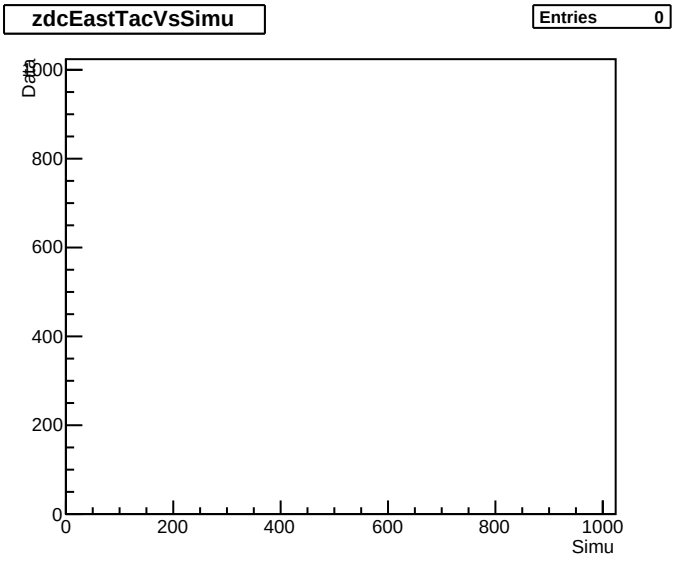
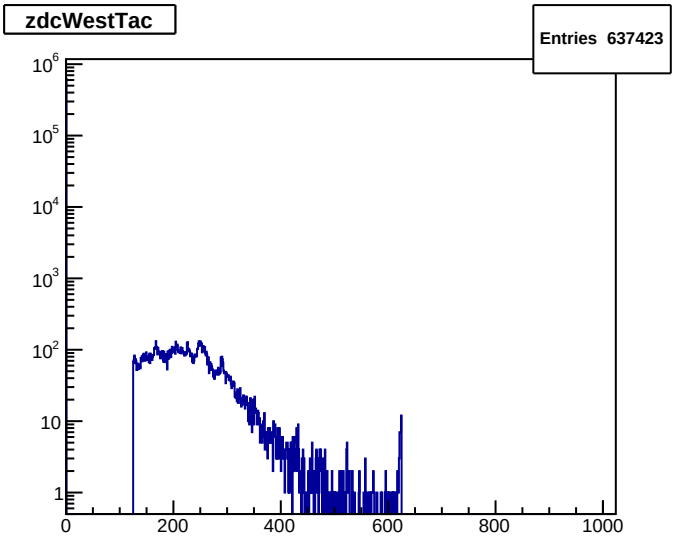
Entries 0
Data
Simu

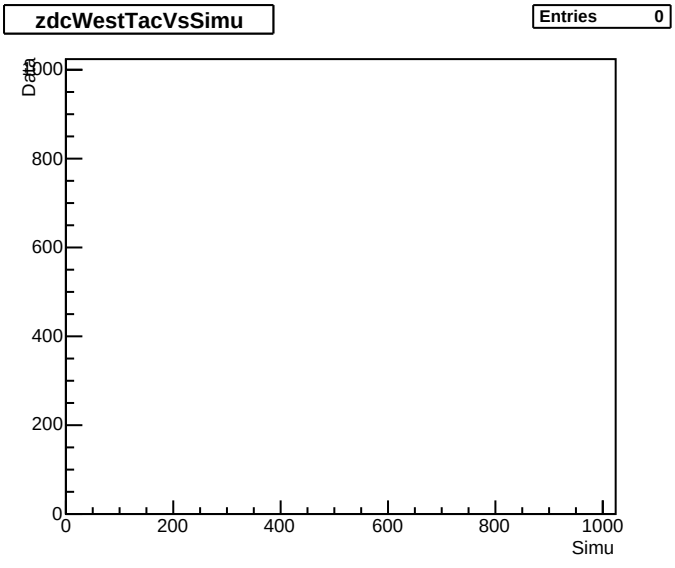

vpdWestTacMax
Entries 637423

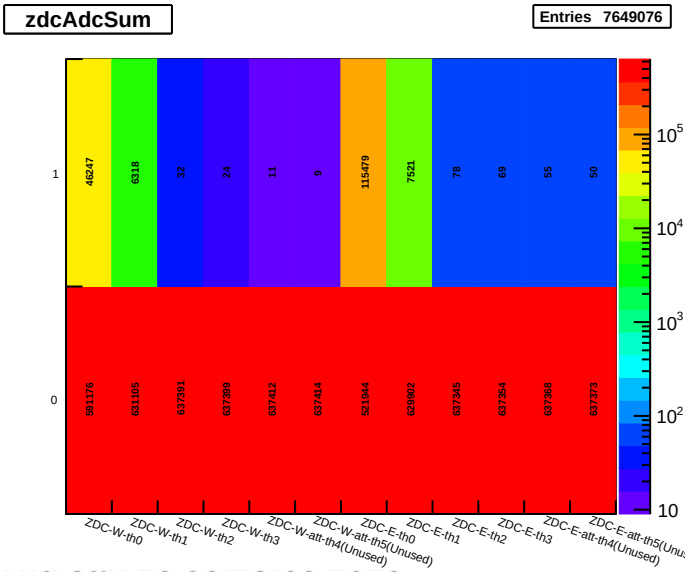

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 637423


zdcEastTacVsSimu
Entries 0
Data
Simu


zdcWestTac
Entries 637423


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 7649076
46247
6318
32
24
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115479
7521
78
69
55
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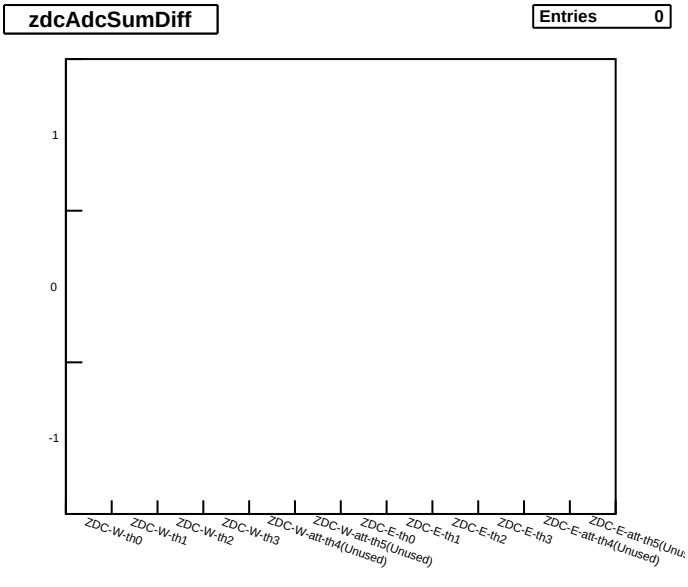
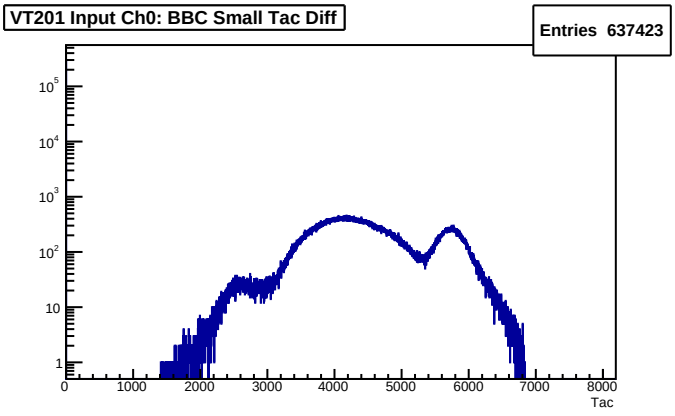
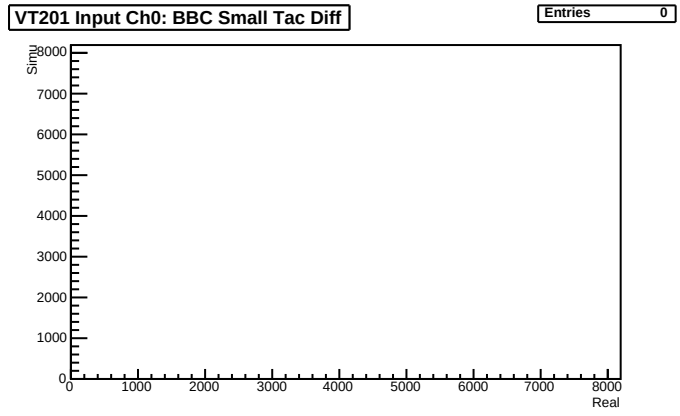
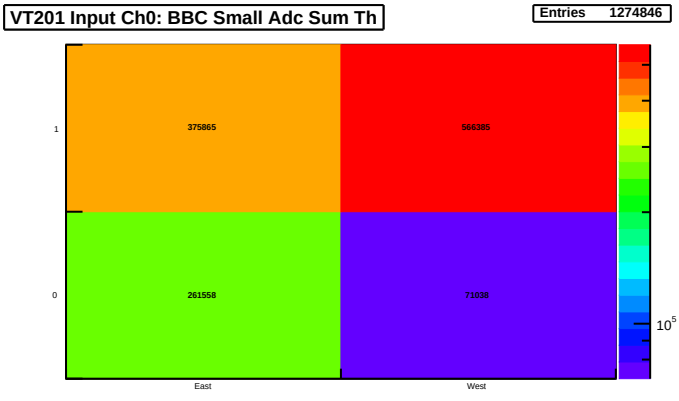
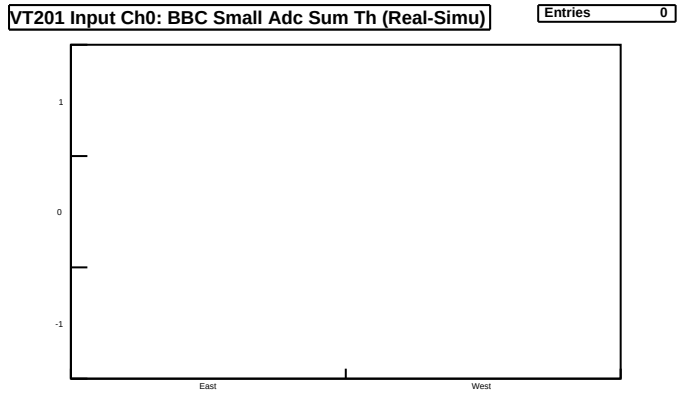
591176
631105
637391
637399
637412
637414
521944
629902
637345
637354
637368
637373
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

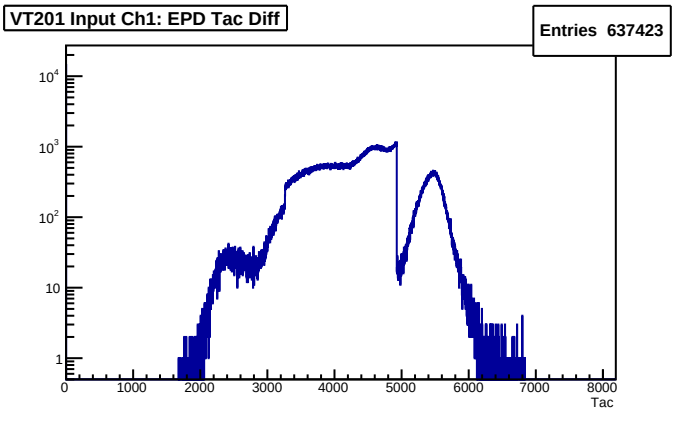

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

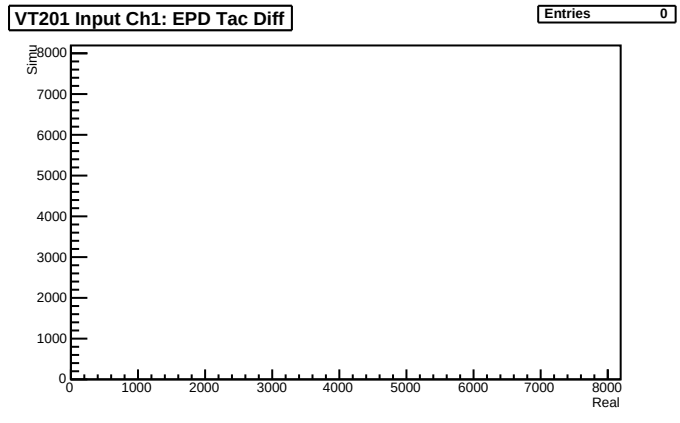

VT201 Input Ch0: BBC Small Tac Diff
Entries 637423
Tac

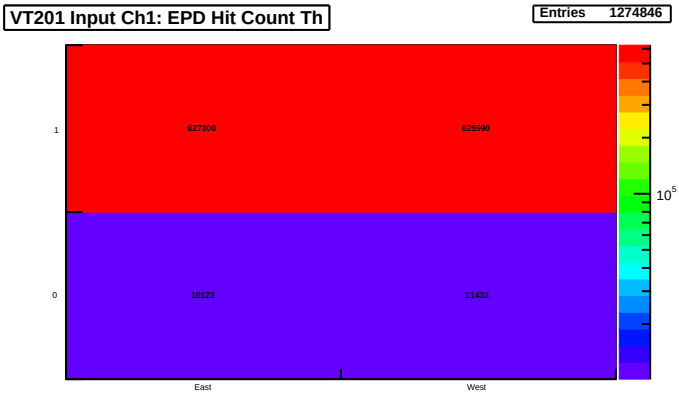

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

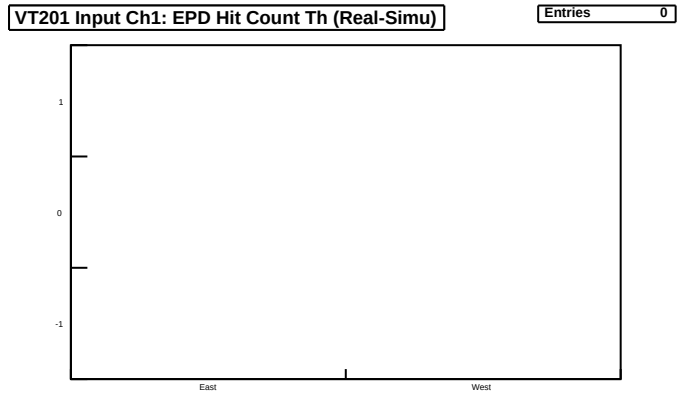

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1274846
375865
566385
261558
71038
East
West

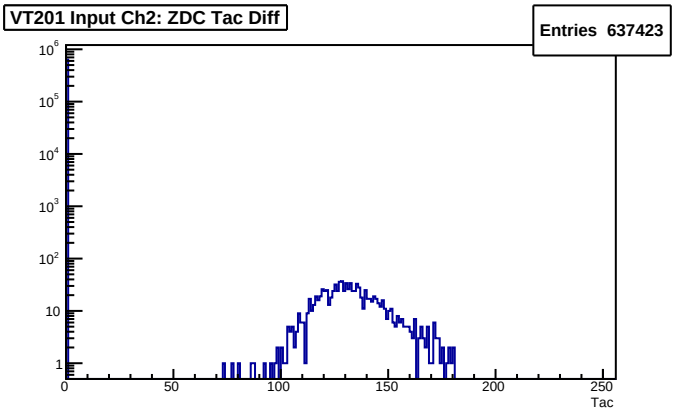

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

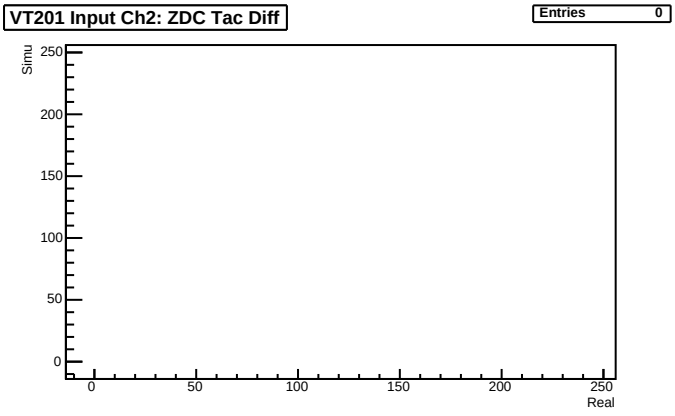

VT201 Input Ch1: EPD Tac Diff
Entries 637423
Tac

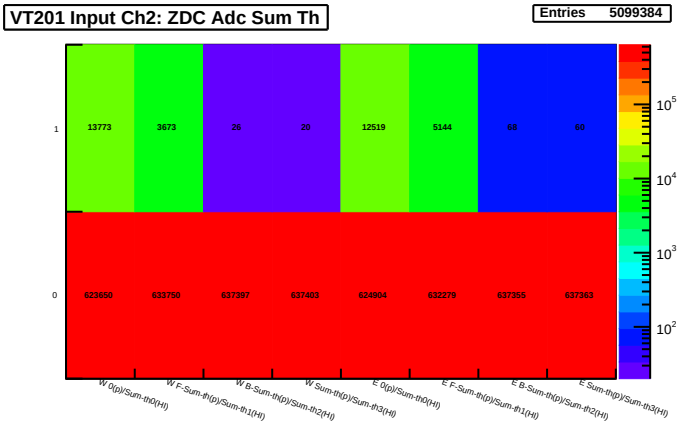

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

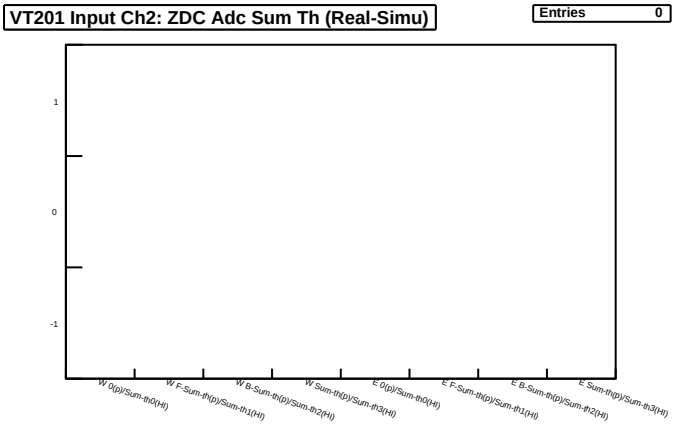

VT201 Input Ch1: EPD Hit Count Th
Entries 1274846
627300
625990
10123
11433
East
West

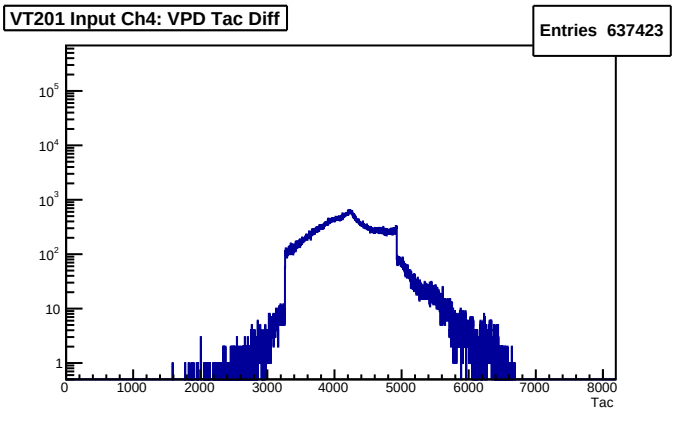

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

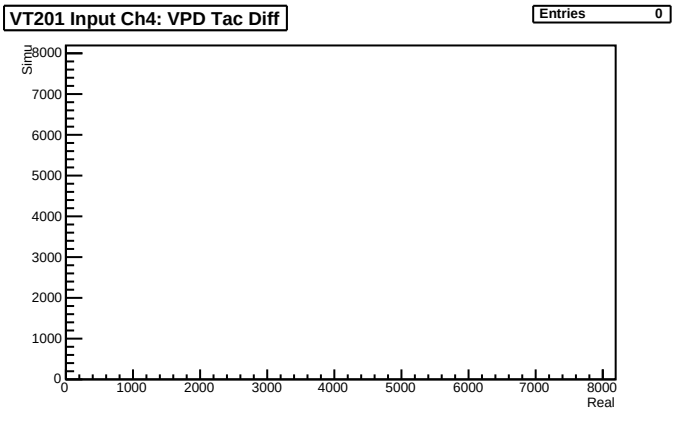

VT201 Input Ch2: ZDC Tac Diff
Entries 637423
Tac

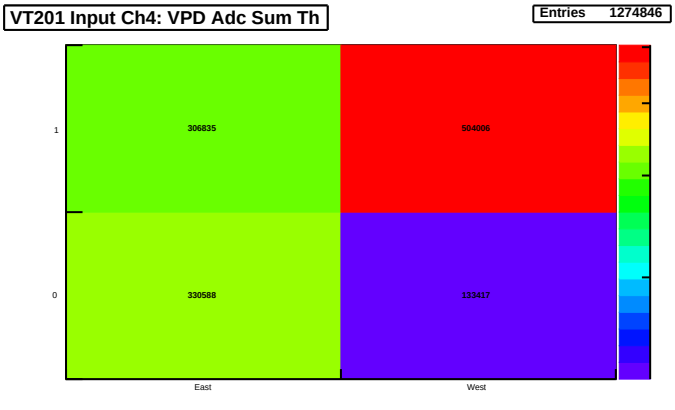

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

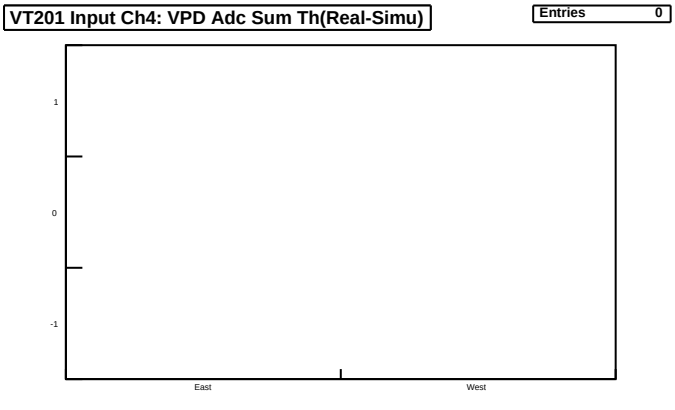

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5099384
13773
3673
26
20
12519
5144
68
60
623650
633750
637397
637403
624904
632279
637355
637363
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

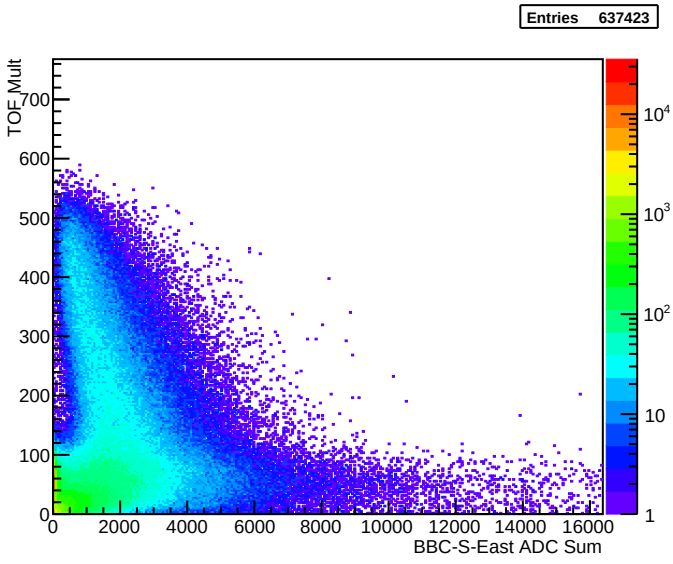

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

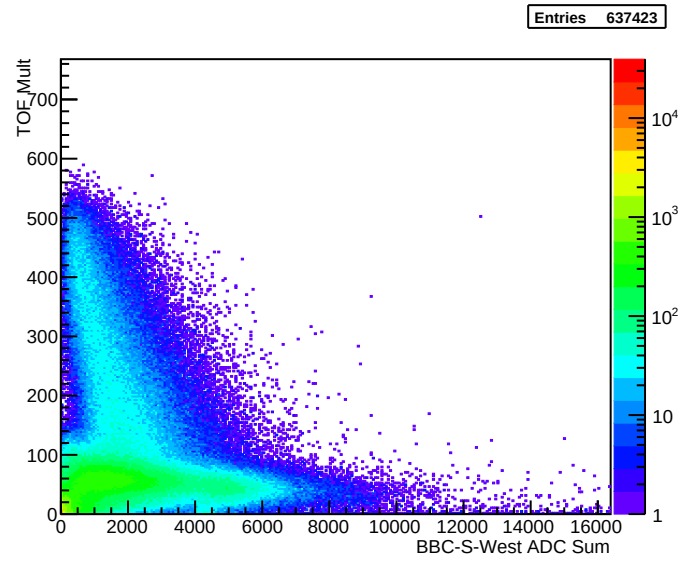

VT201 Input Ch4: VPD Tac Diff
Entries 637423
Tac

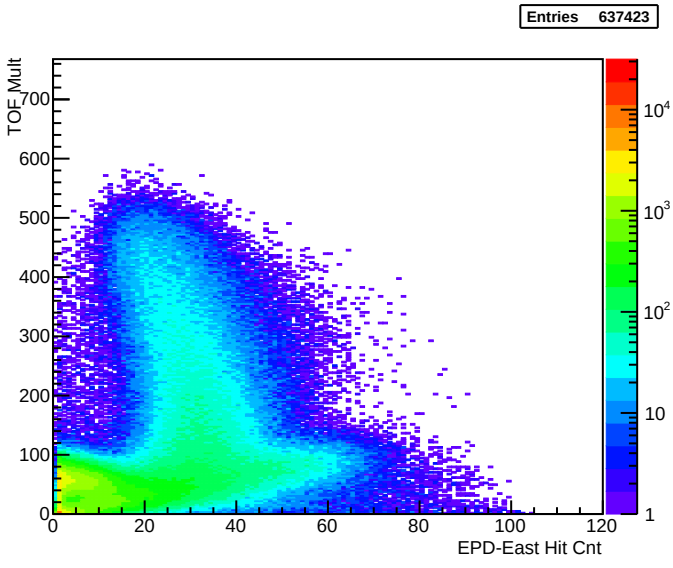

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

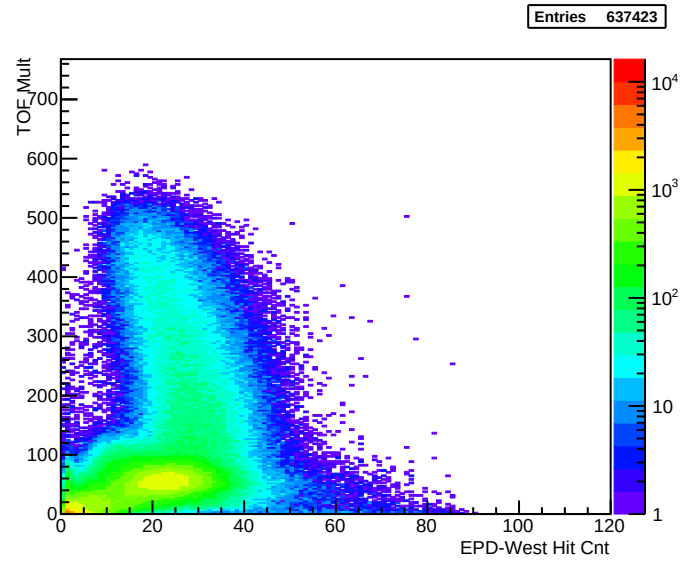

VT201 Input Ch4: VPD Adc Sum Th
Entries 1274846
306835
504006
330588
133417
East
West

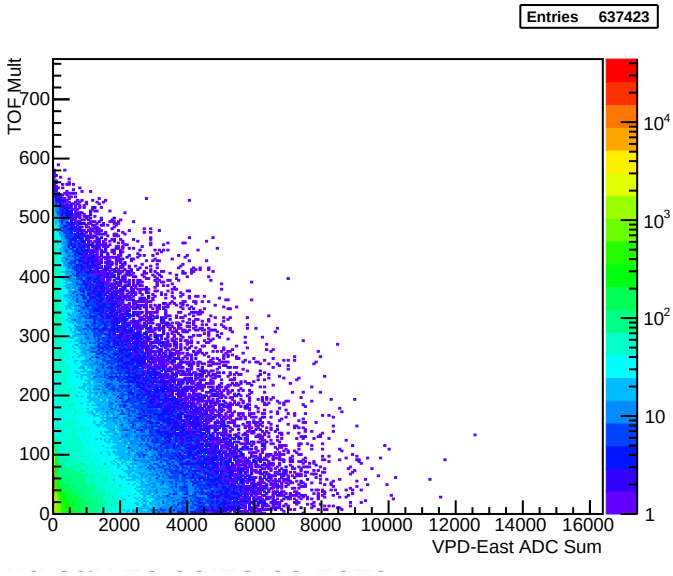

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

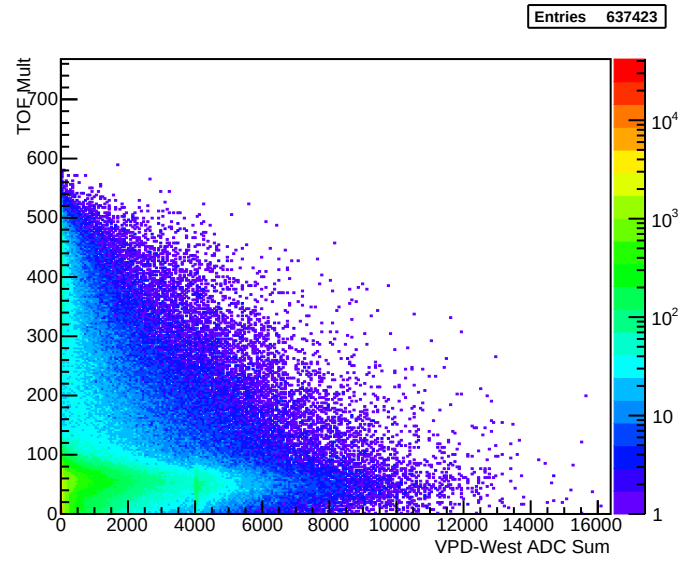

Entries 637423
TOF_Mult
BBC-S-East ADC Sum

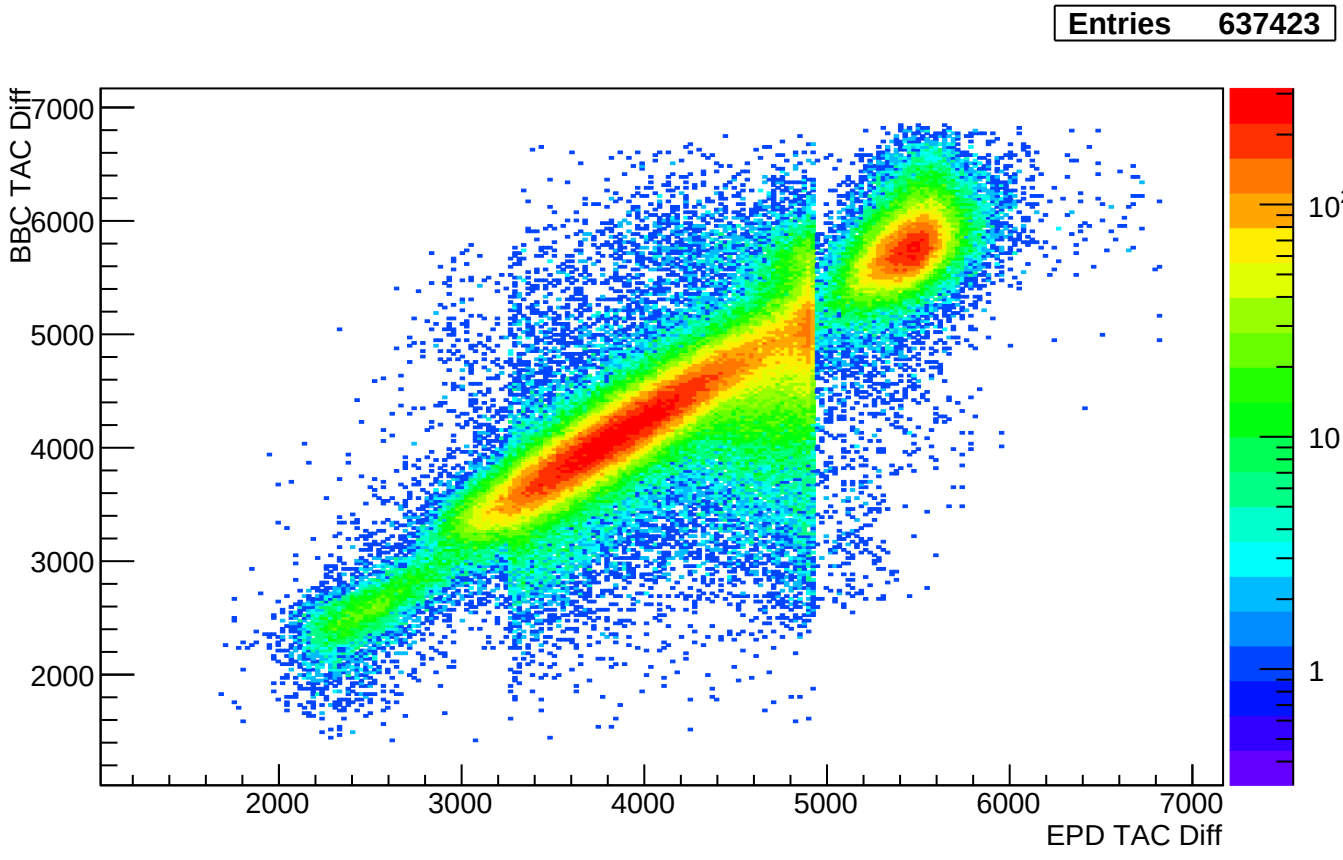

Entries 637423
TOF_Mult
BBC-S-West ADC Sum

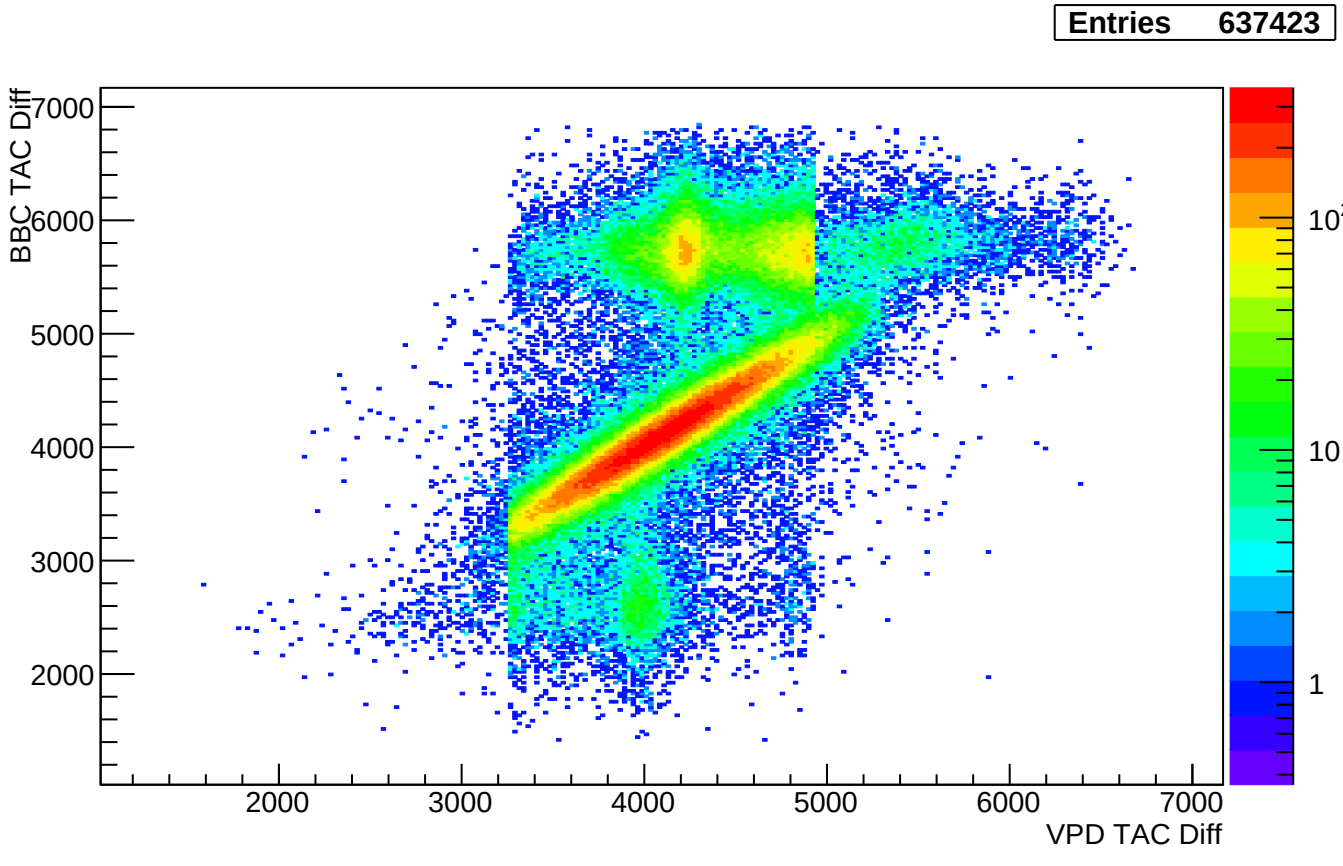

Entries 637423
TOF_Mult
EPD-East Hit Cnt

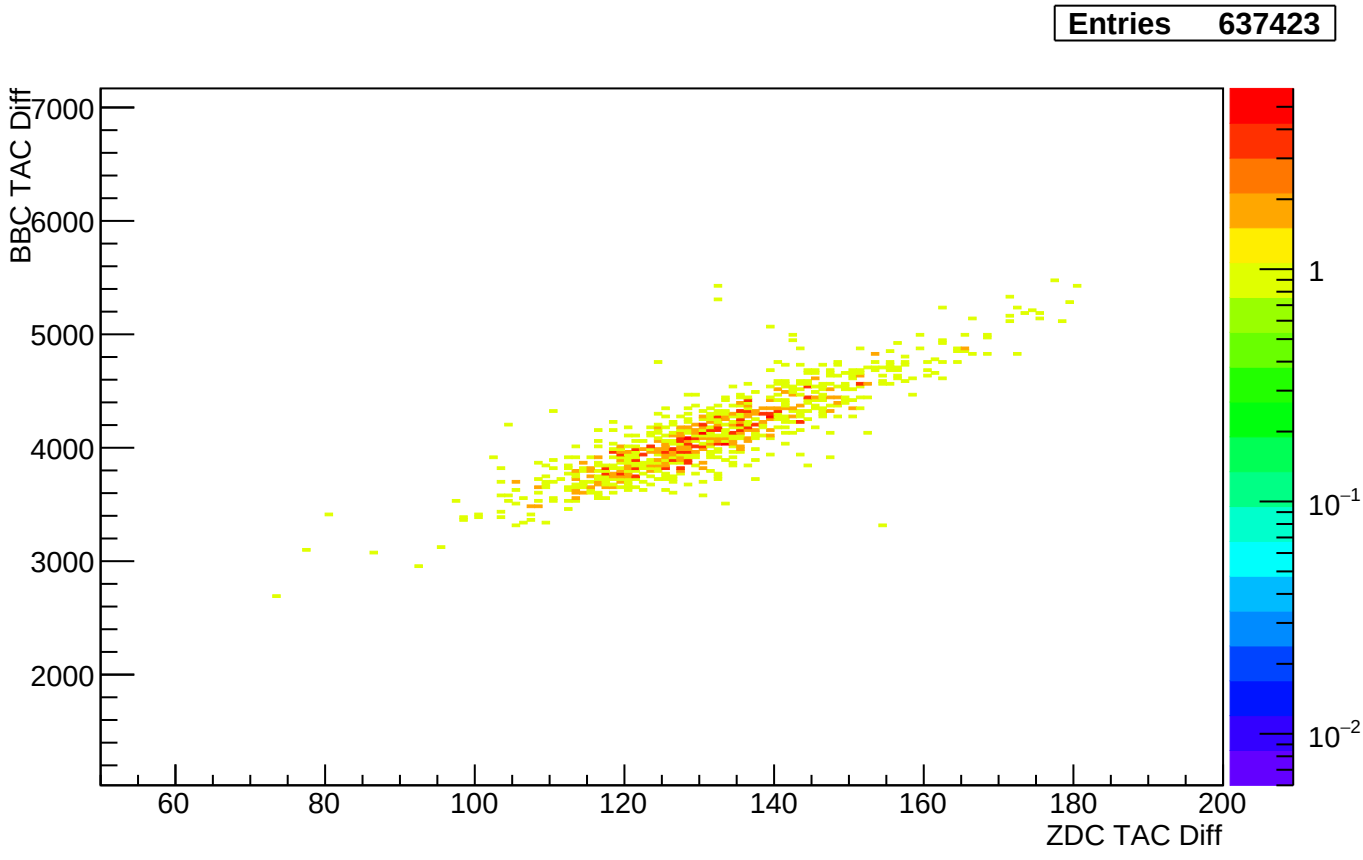

Entries 637423
TOF_Mult
EPD-West Hit Cnt

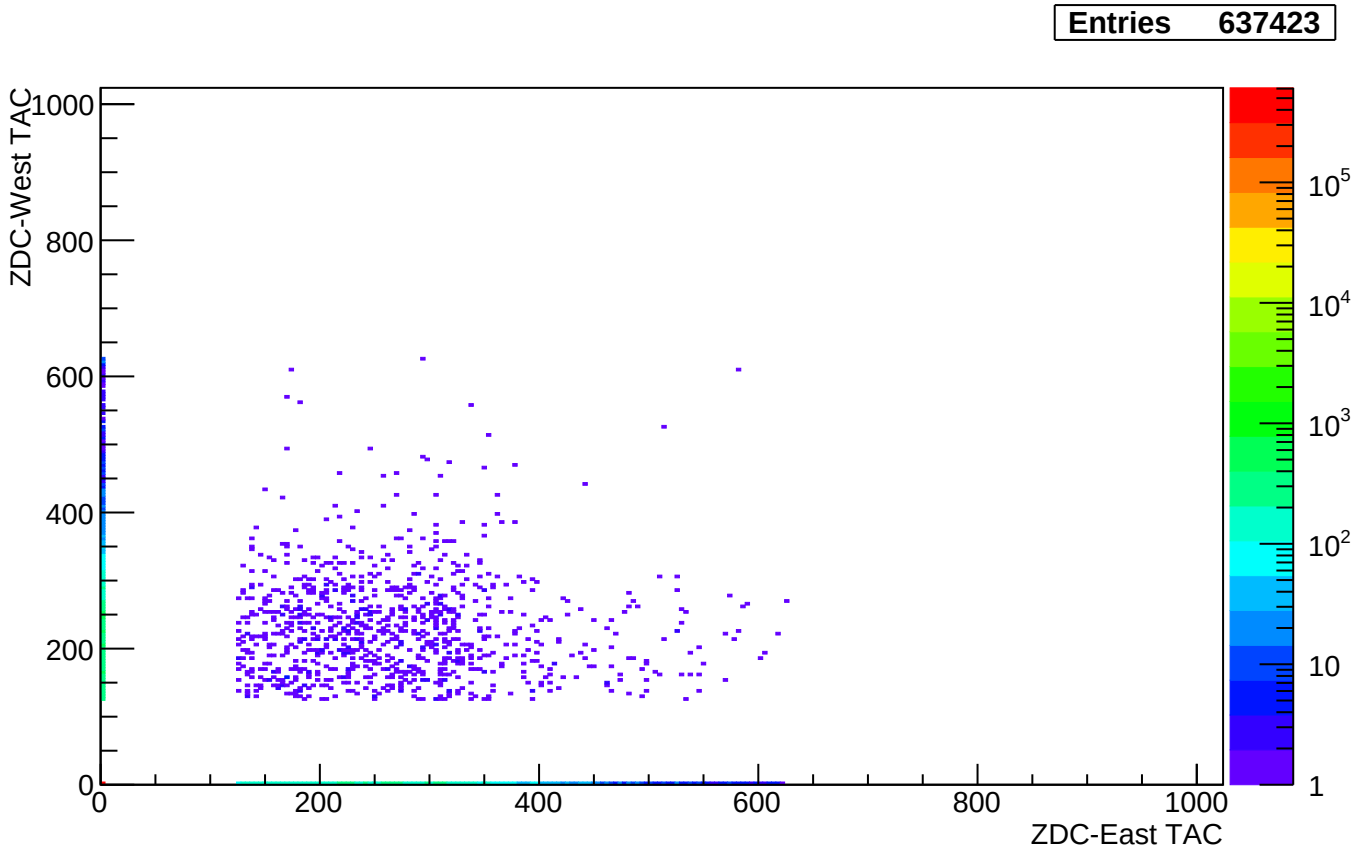

Entries 637423
TOF_Mult
VPD-East ADC Sum

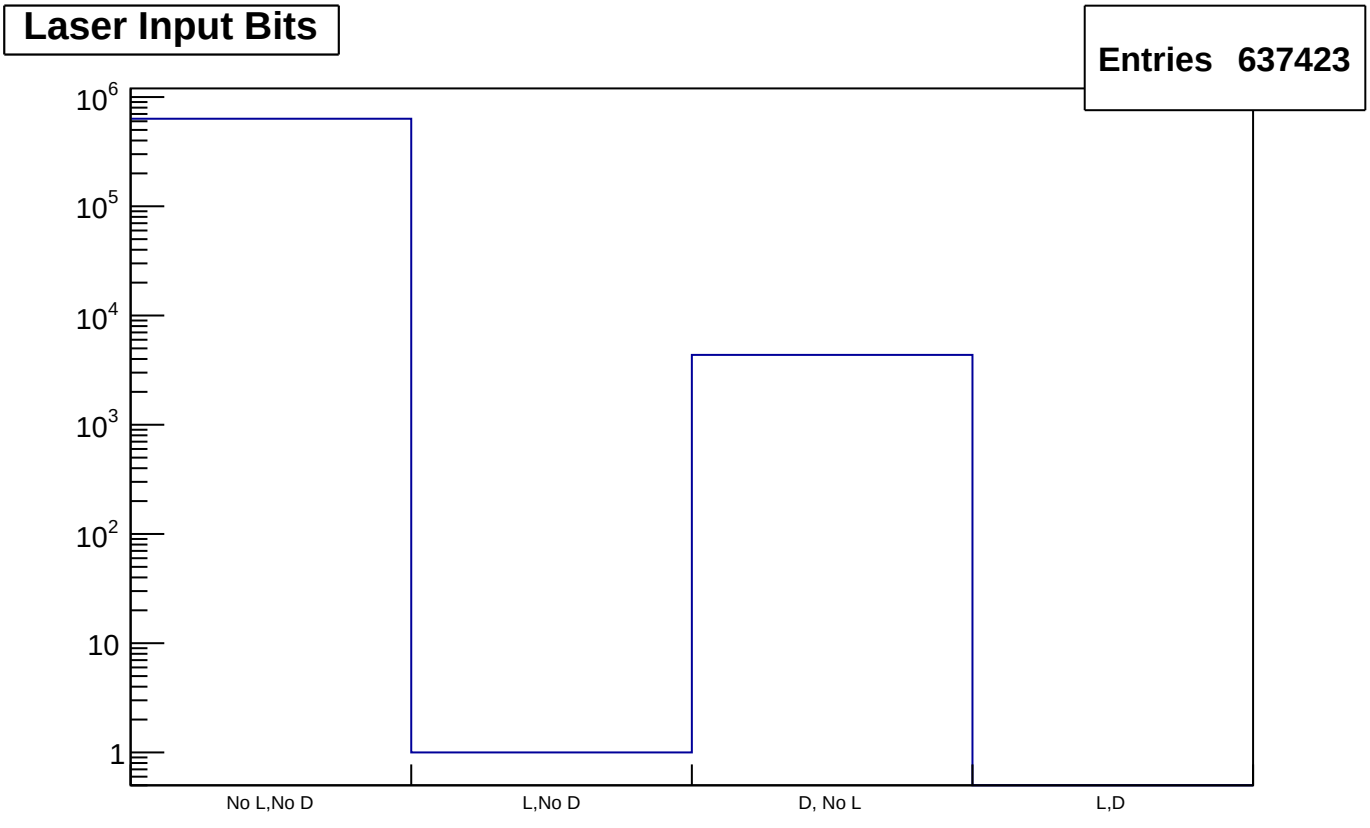

Entries 637423
TOF_Mult
VPD-West ADC Sum

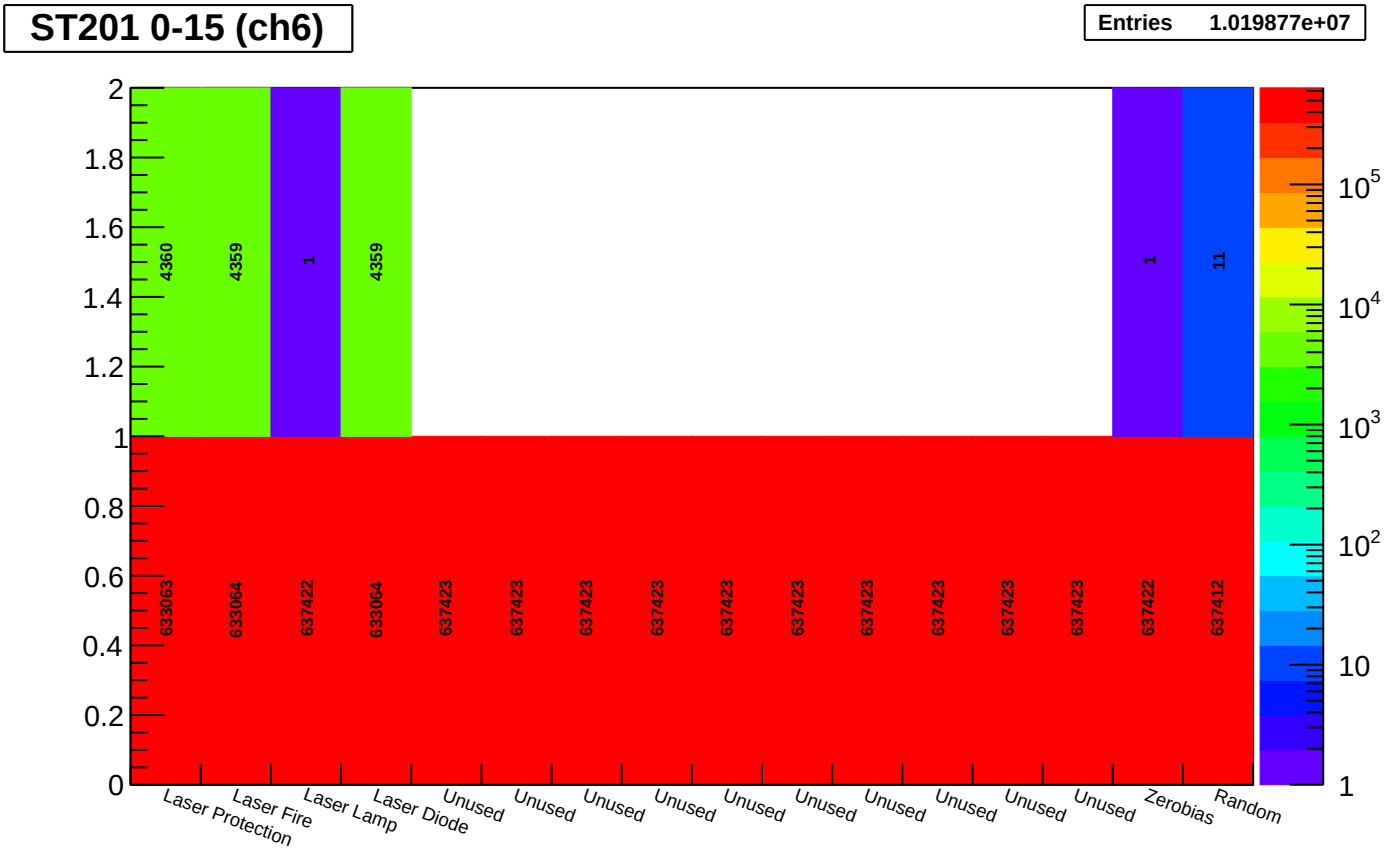

Entries 637423
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1


Entries 637423
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

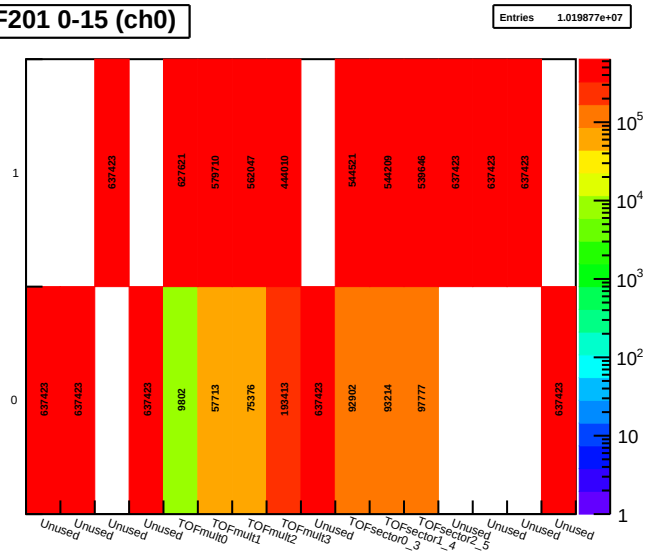

Entries 637423
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}


Entries 637423
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

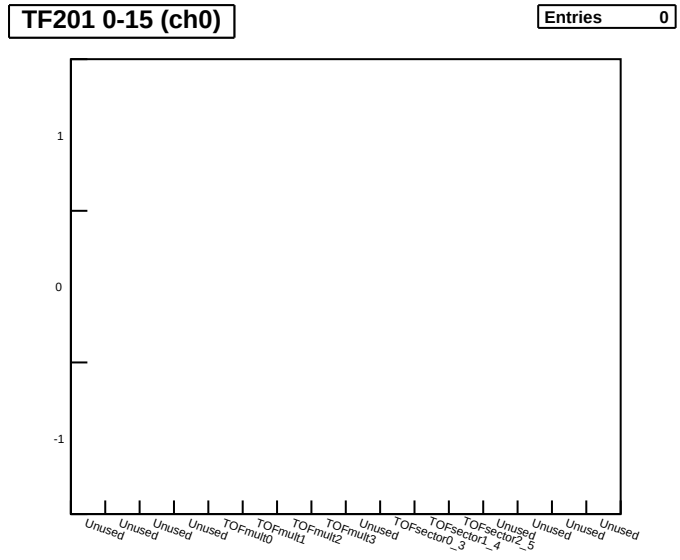

Laser Input Bits
Entries 637423
10^6
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 1.019877e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
4360
4359
1
4359
1
11
633063
633064
637422
633064
637423
637423
637423
637423
637423
637423
637423
637423
637423
637423
637422
637412
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

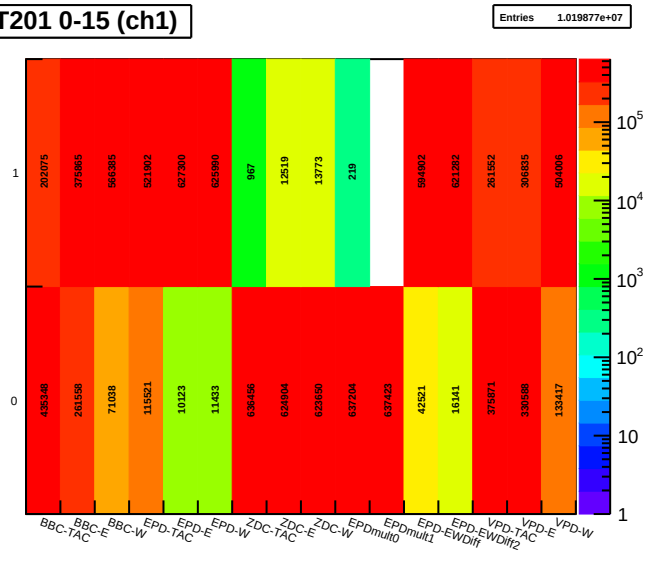
TF201 0-15 (ch0)



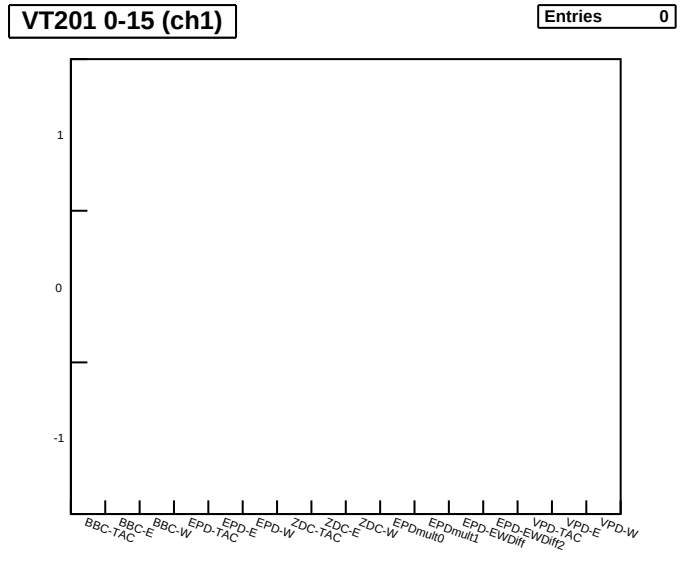
TF201 0-15 (ch0)



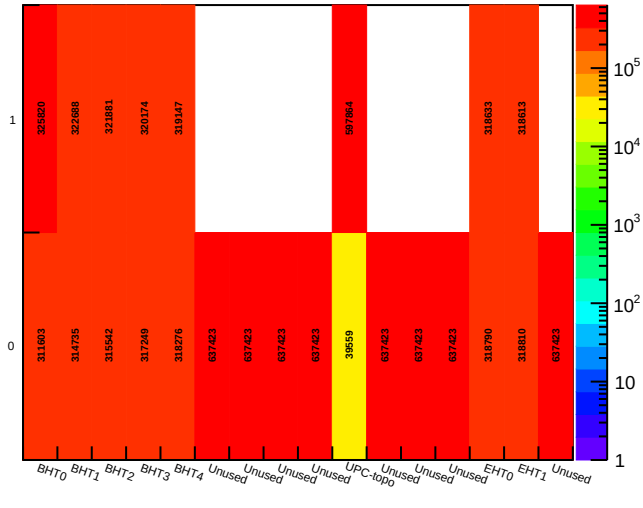
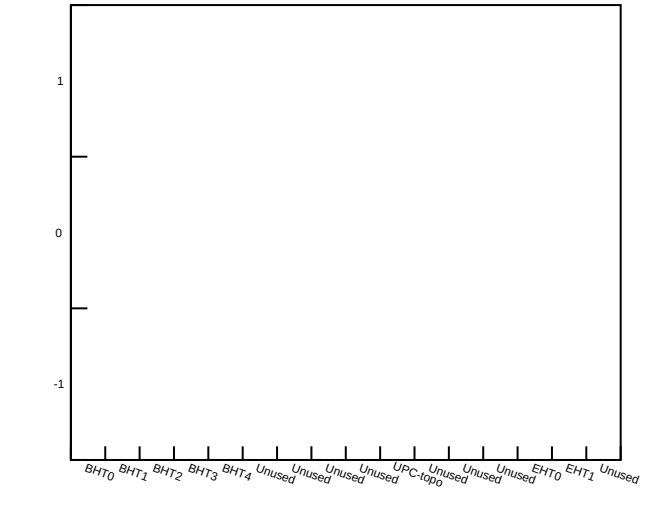
VT201 0-15 (ch1)



VT201 0-15 (ch1)



EM201 0-15 (ch3)



EM201 0-15 (ch3)