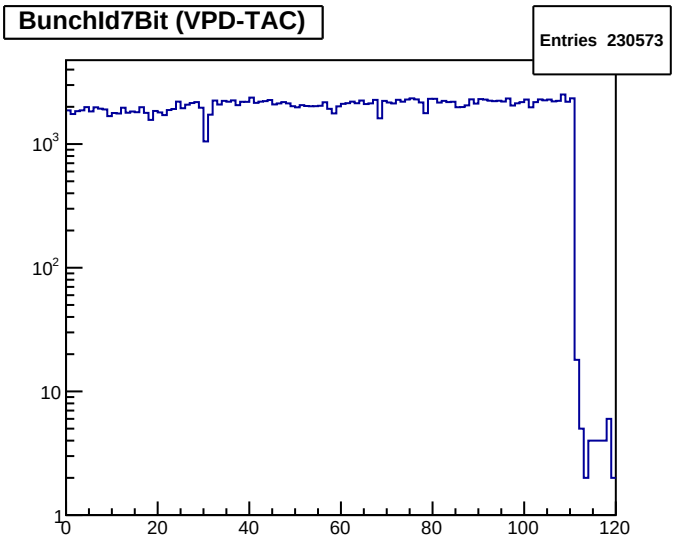
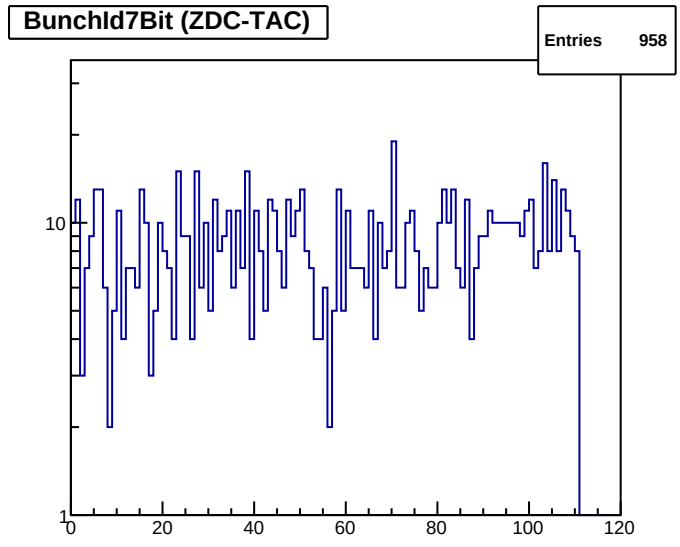
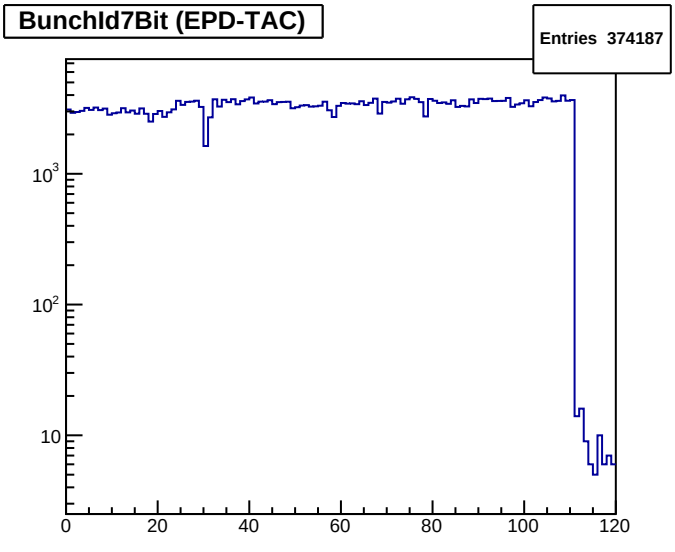
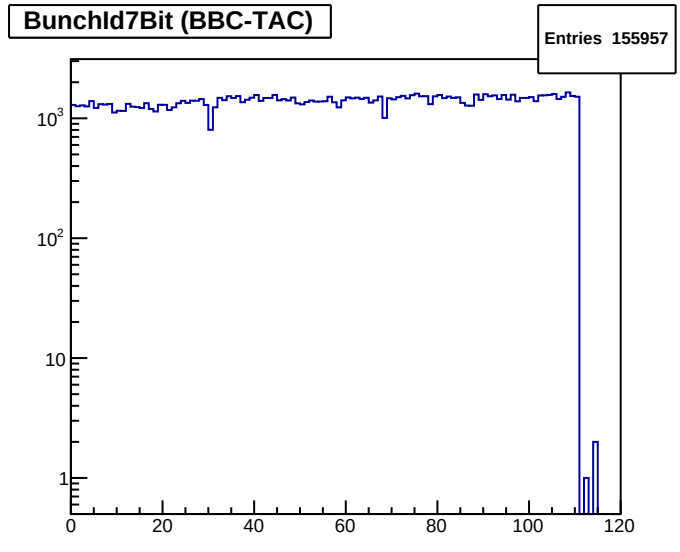
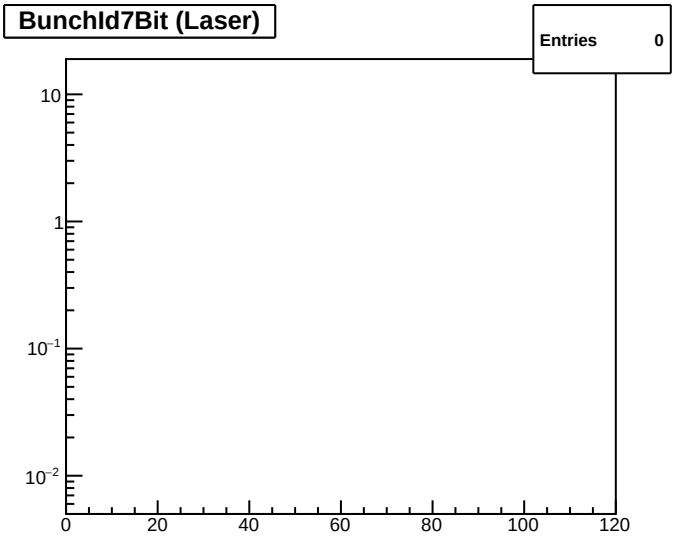
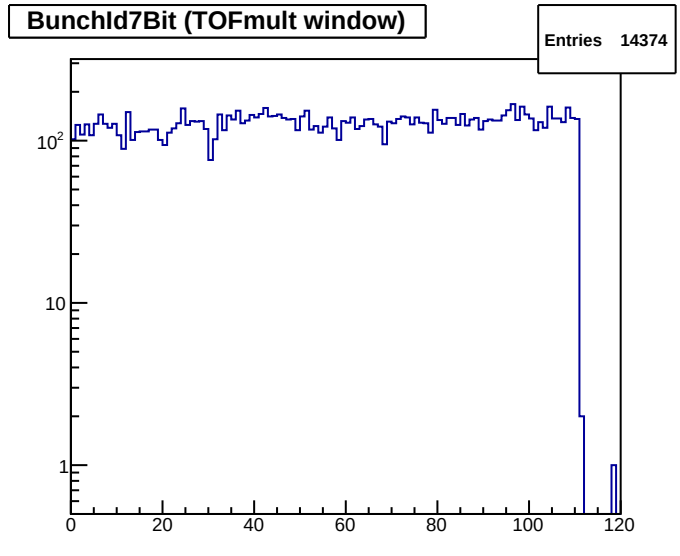

BunchId7Bit (VPD-TAC)
Entries 230573

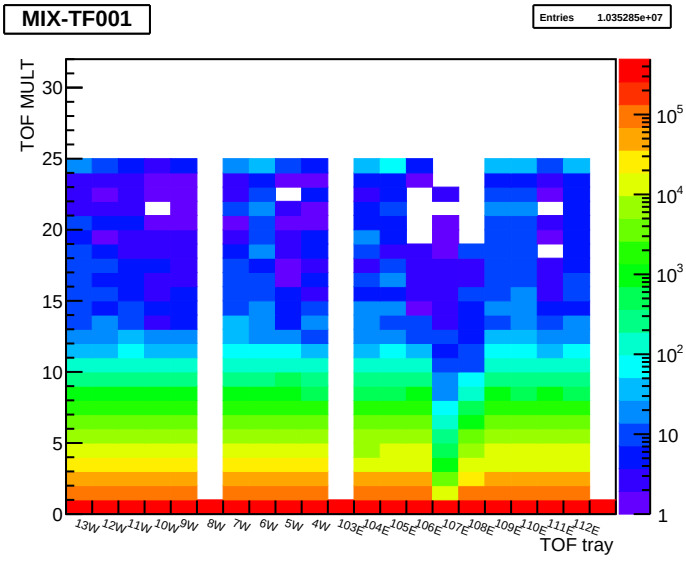

BunchId7Bit (ZDC-TAC)
Entries 958

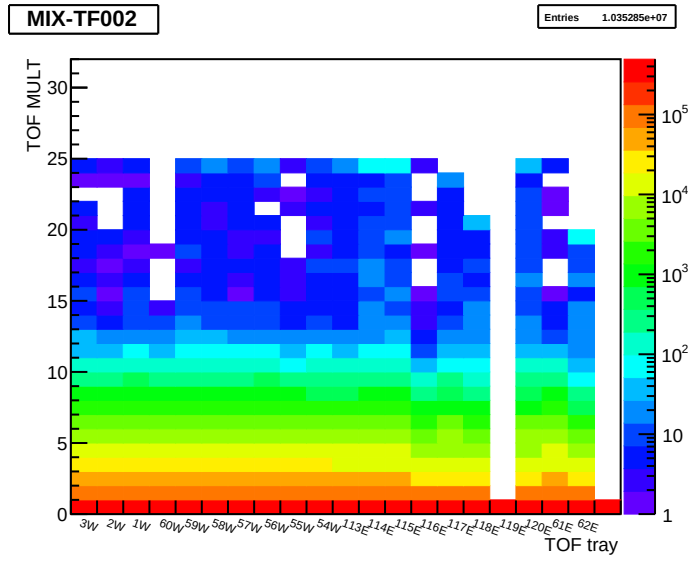

BunchId7Bit (EPD-TAC)
Entries 374187

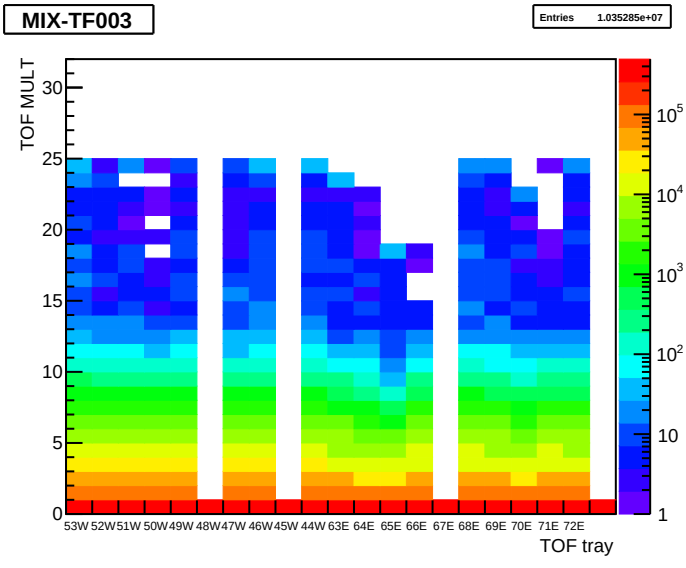

BunchId7Bit (BBC-TAC)
Entries 155957

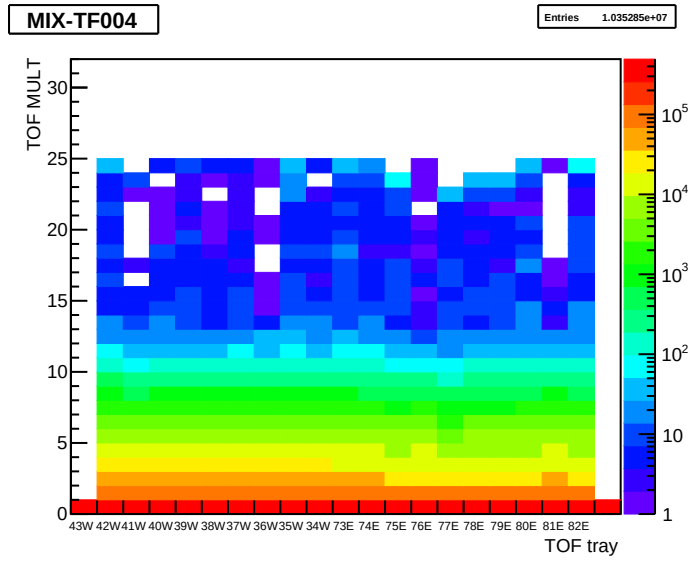

BunchId7Bit (Laser)
Entries 0

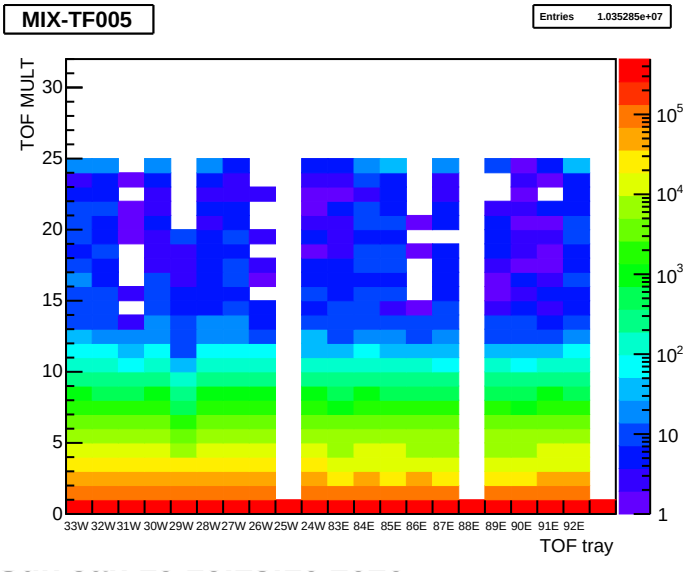

BunchId7Bit (TOFmult window)
Entries 14374

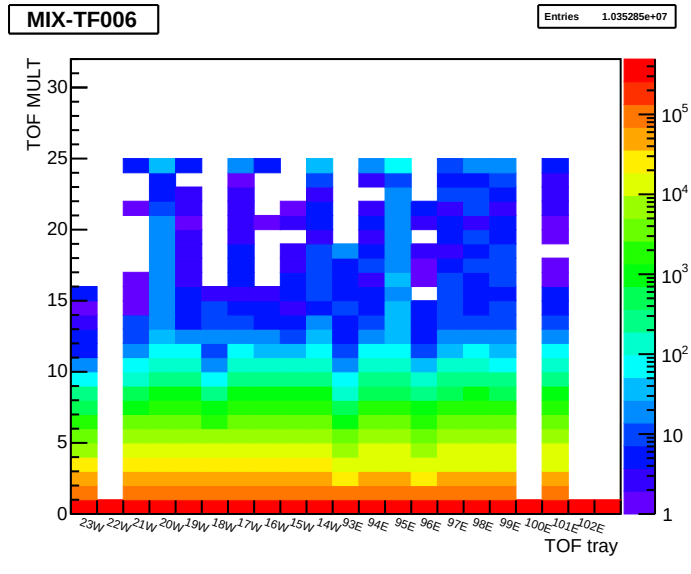

MIX-TF001
Entries 1.035285e+07
TOF MULT
TOF tray

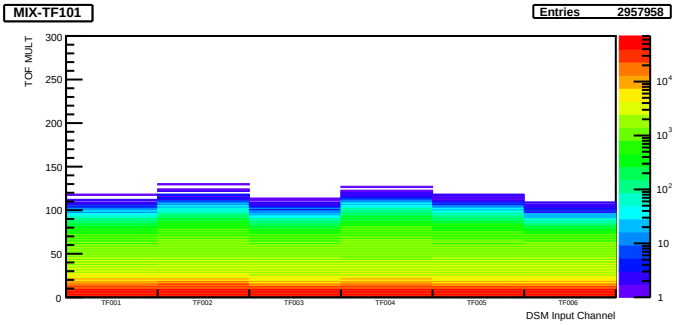

MIX-TF002
Entries 1.035285e+07
TOF MULT
TOF tray

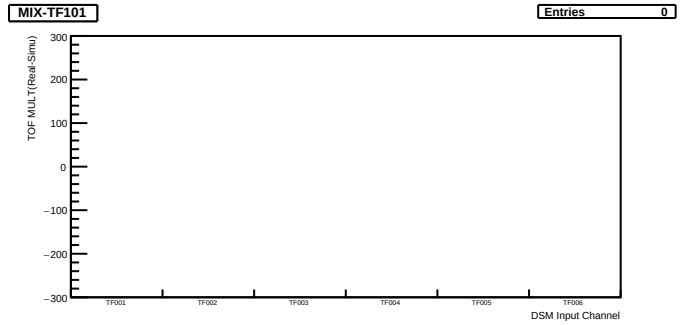

MIX-TF003
Entries 1.035285e+07
TOF MULT
TOF tray

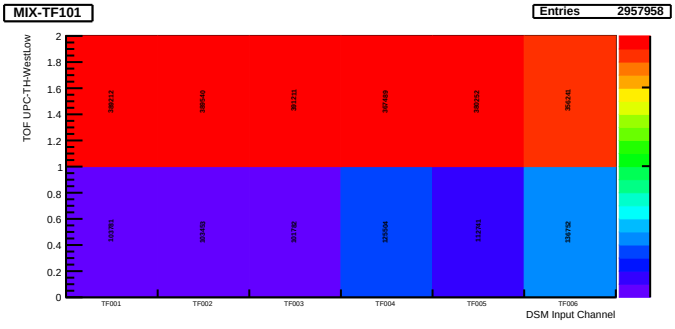

MIX-TF004
Entries 1.035285e+07
TOF MULT
TOF tray

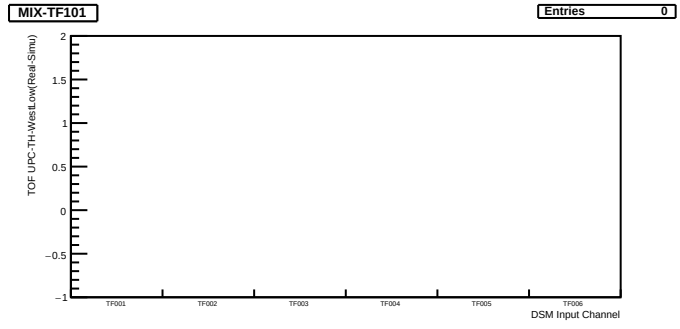

MIX-TF005
Entries 1.035285e+07
TOF MULT
TOF tray

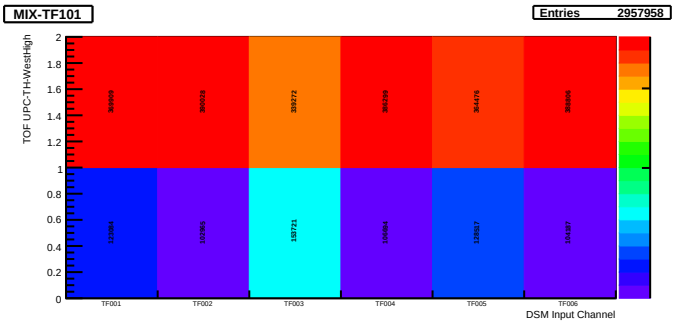

MIX-TF006
Entries 1.035285e+07
TOF MULT
TOF tray

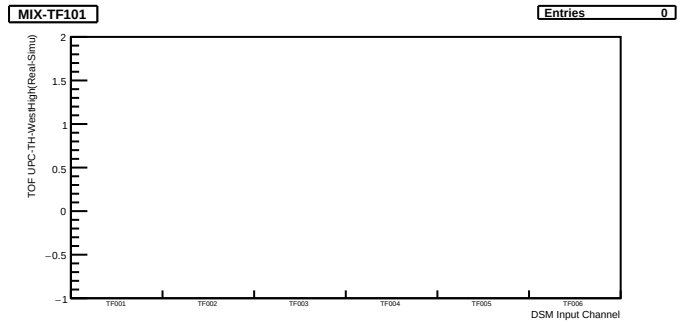

MIX-TF101
Entries 2957958
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

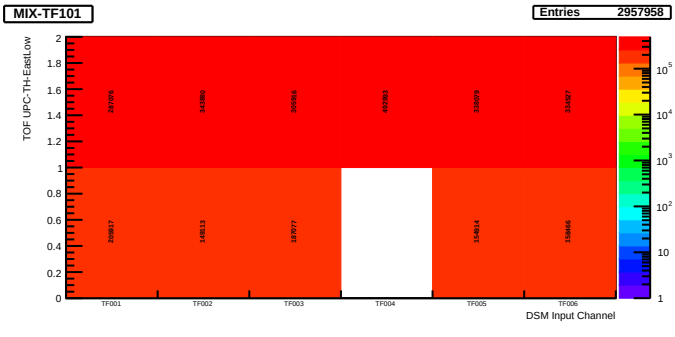

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

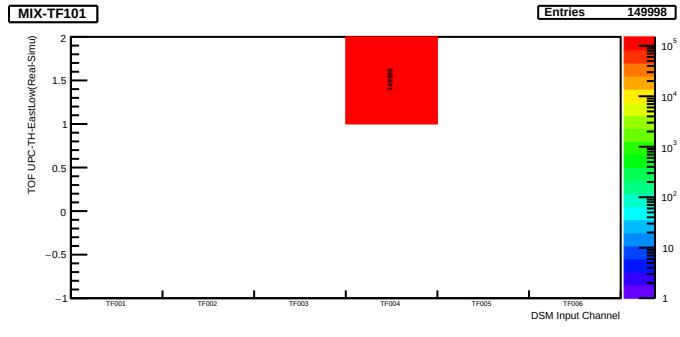

MIX-TF101
Entries 2957958
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

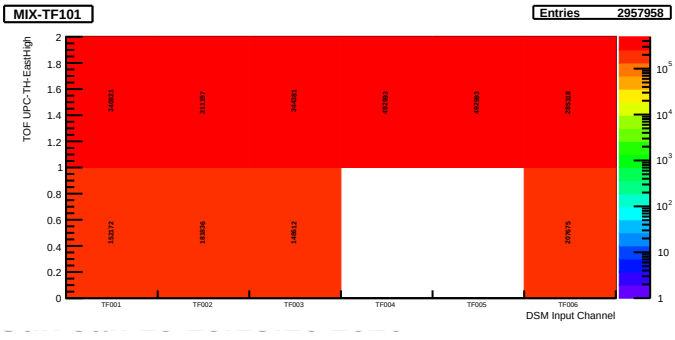

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

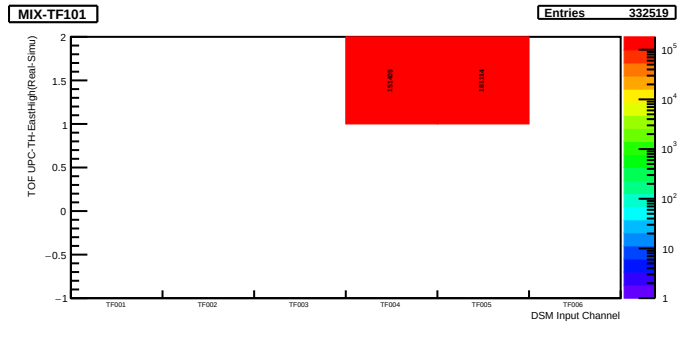

MIX-TF101
Entries 2957958
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

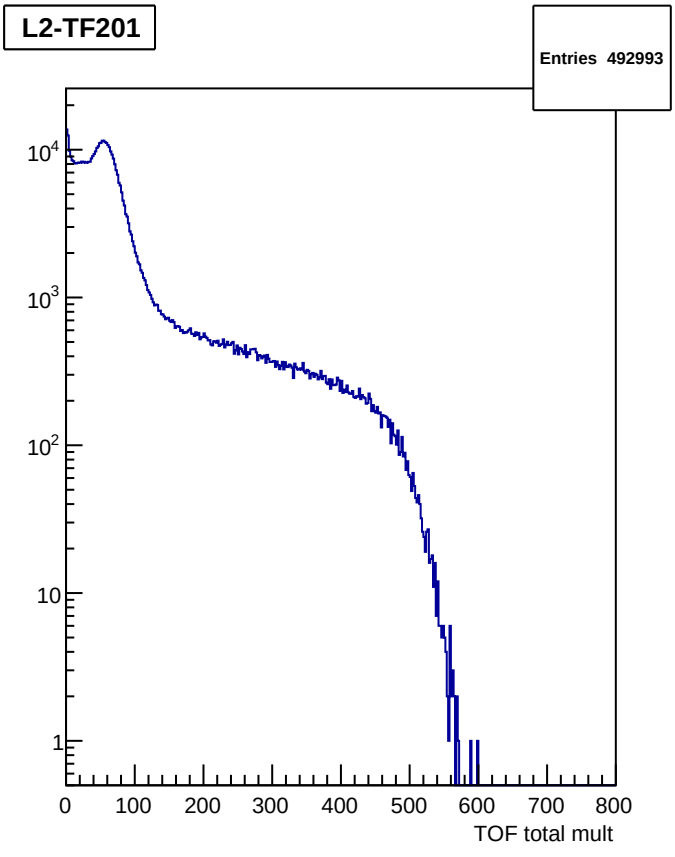

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

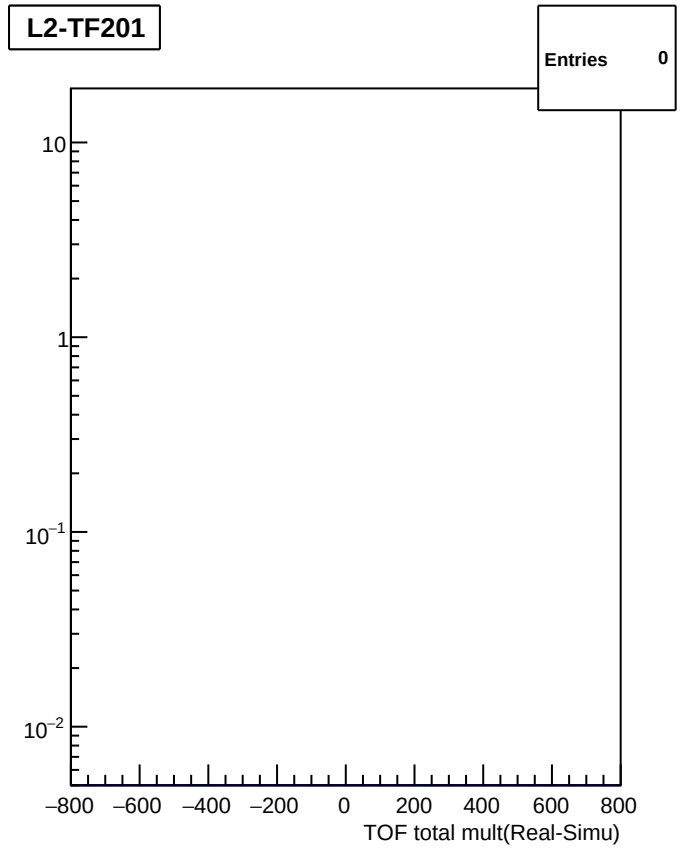

MIX-TF101
Entries 2957958
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

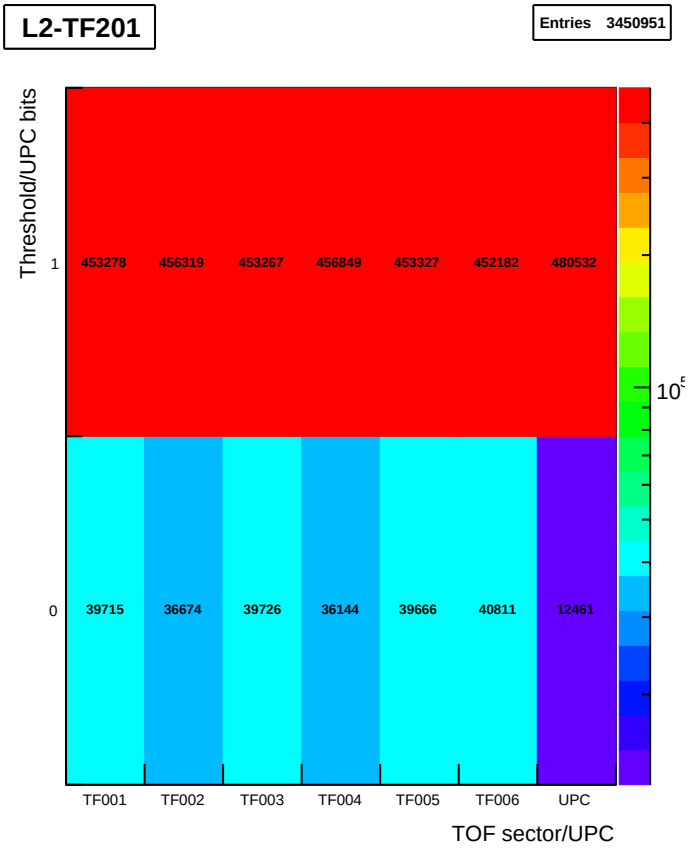

MIX-TF101
Entries 149998
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

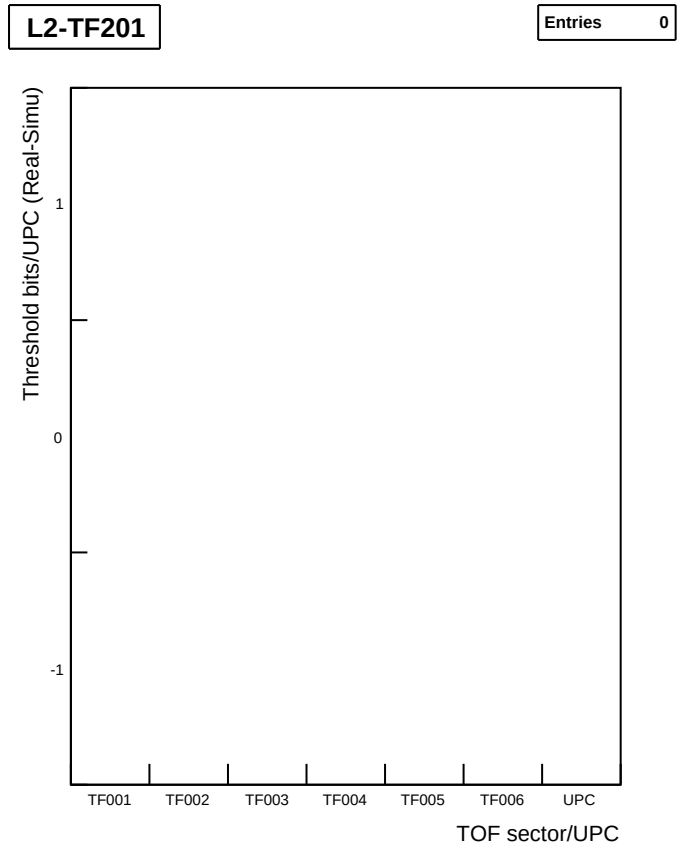

MIX-TF101
Entries 2957958
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

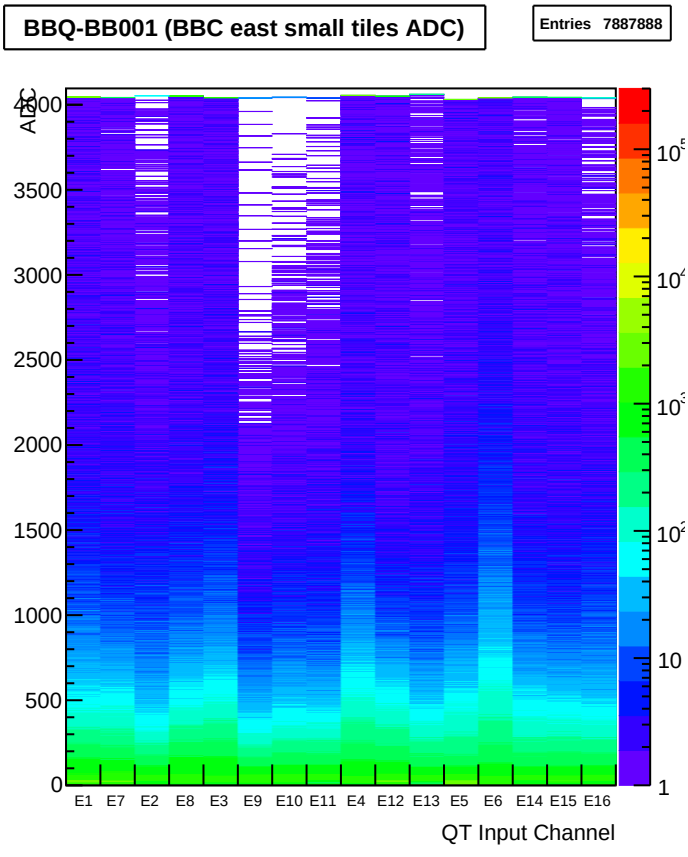

MIX-TF101
Entries 332519
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

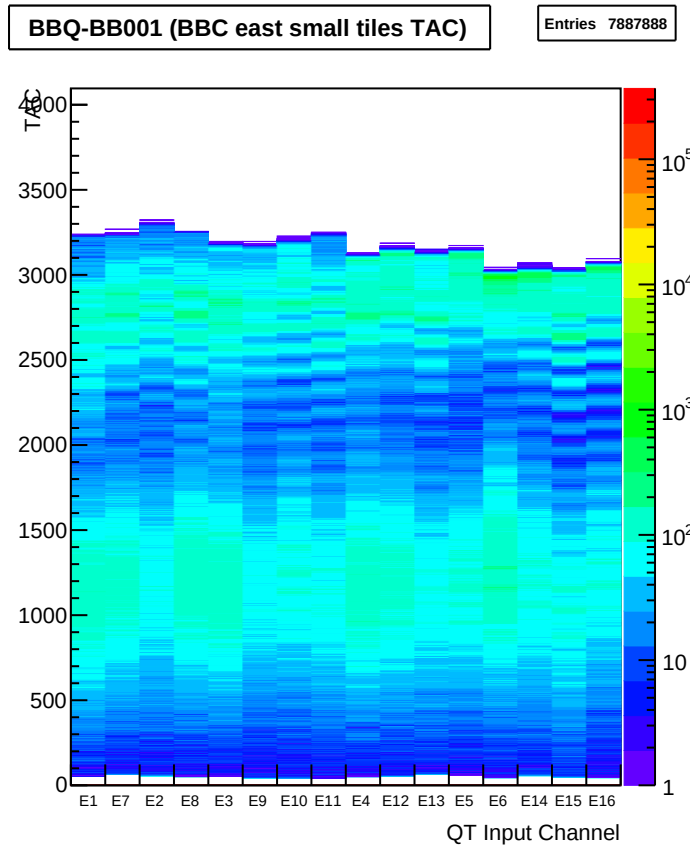

L2-TF201
Entries 492993
TOF total mult

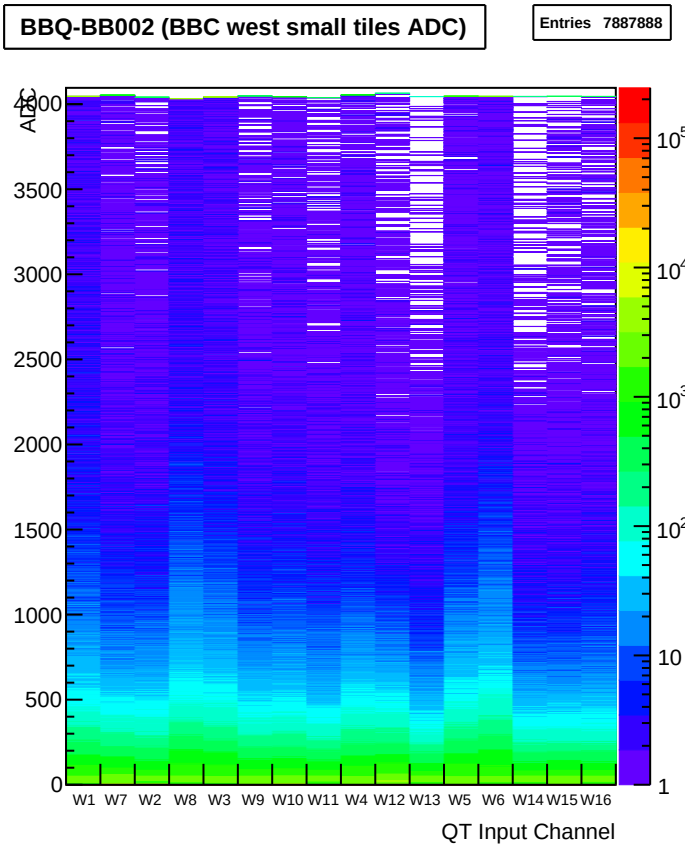

L2-TF201
Entries 0
TOF total mult(Real-Simu)

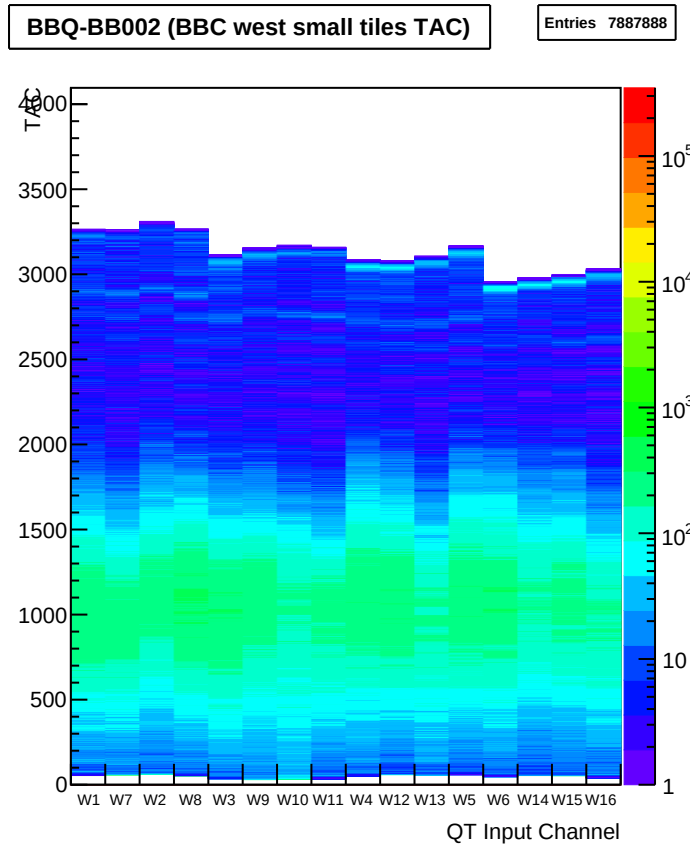

L2-TF201
Entries 3450951
Threshold/UPC bits
453278
456319
453267
456849
453327
452182
480532
39715
36674
39726
36144
39666
40811
12461
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

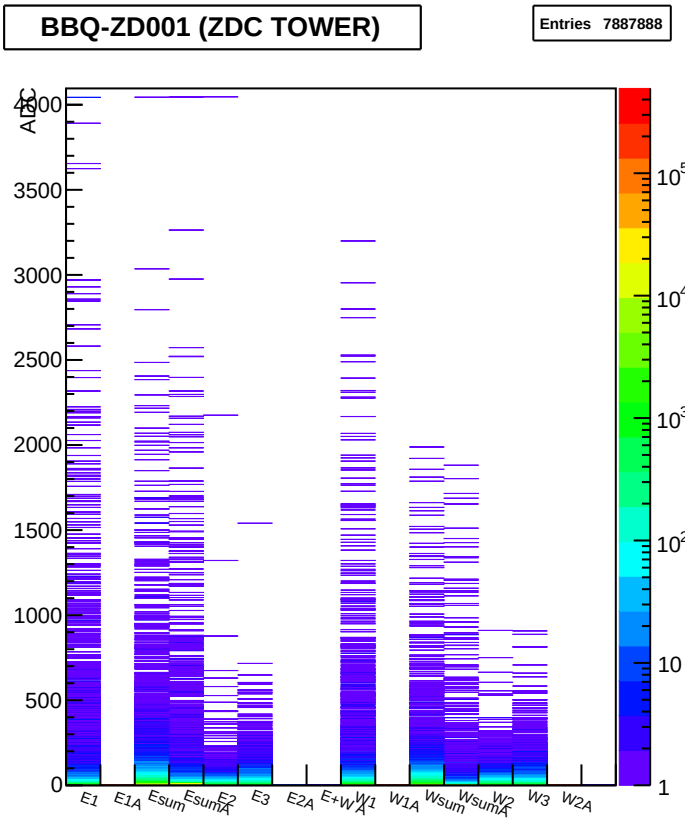

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

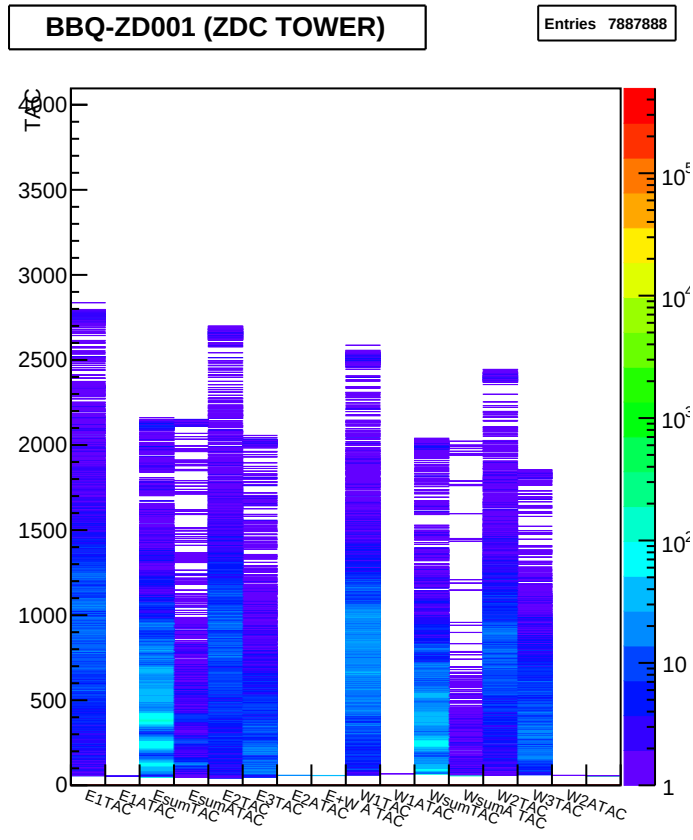

BBQ-BB001 (BBC east small tiles ADC)
Entries 7887888
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

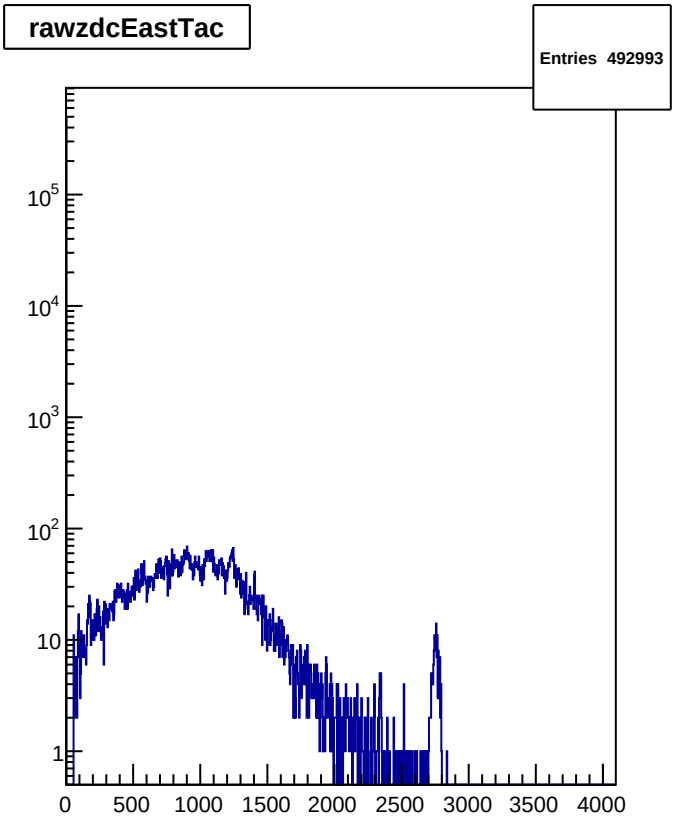

BBQ-BB001 (BBC east small tiles TAC)
Entries 7887888
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

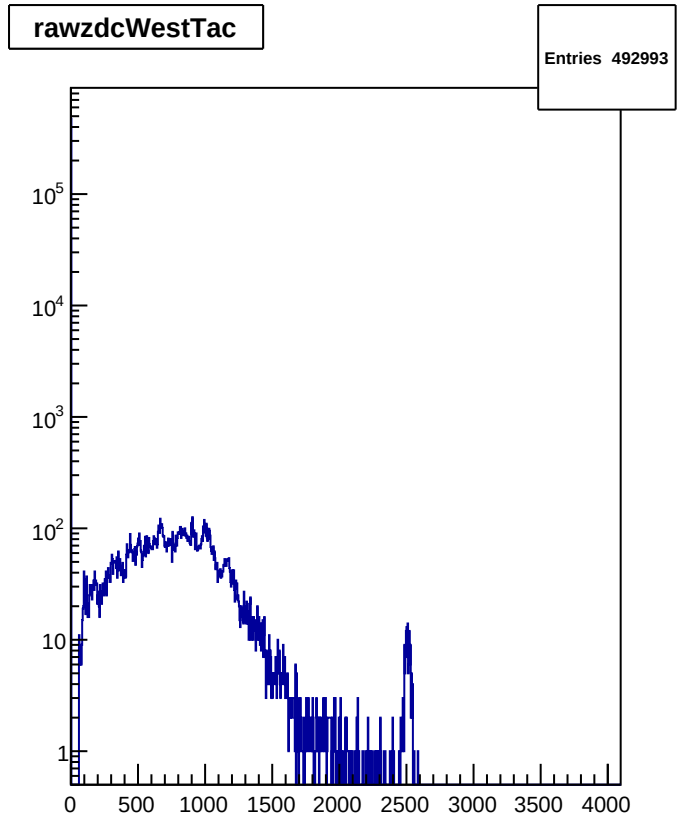

BBQ-BB002 (BBC west small tiles ADC)
Entries 7887888
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

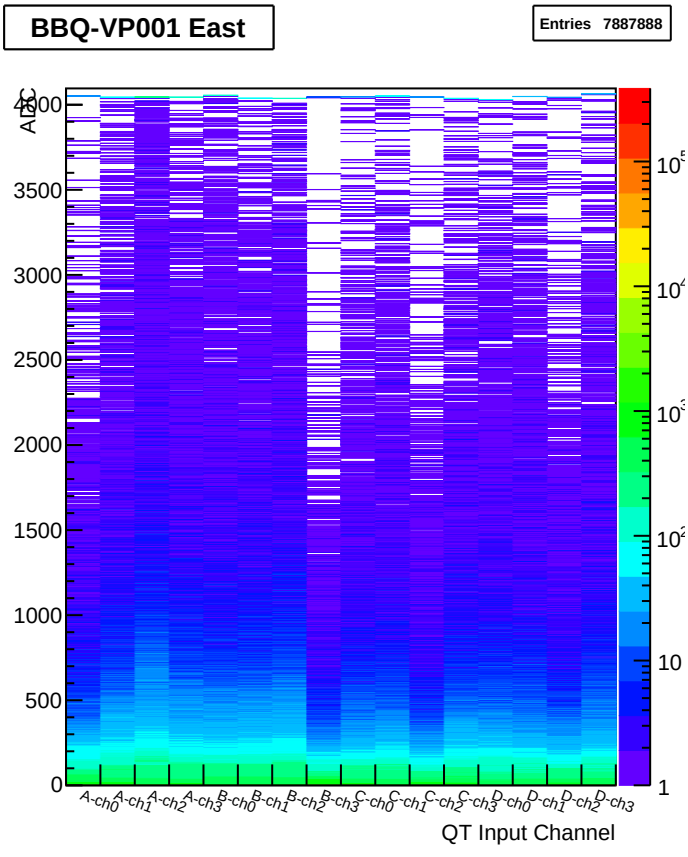

BBQ-BB002 (BBC west small tiles TAC)
Entries 7887888
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

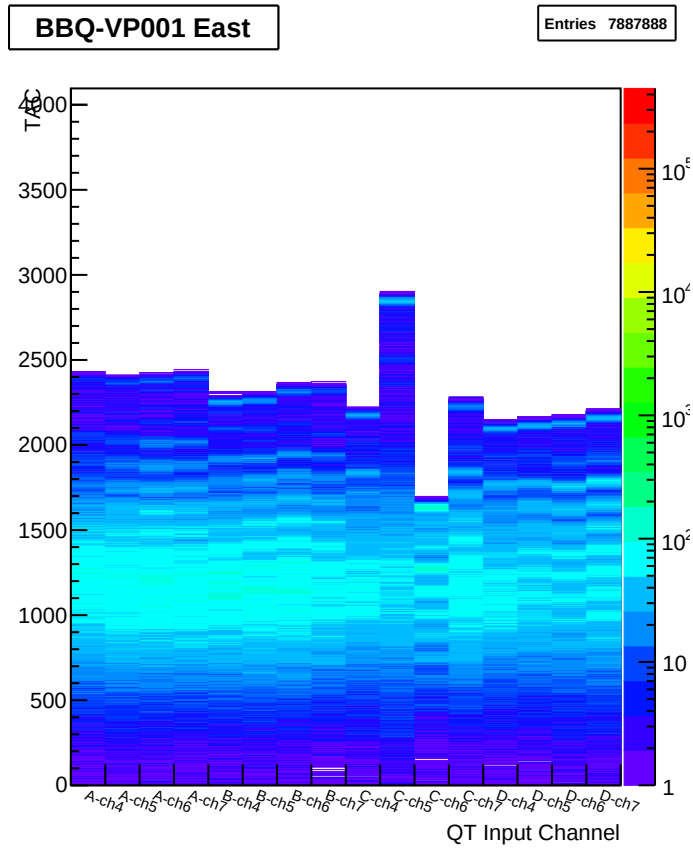

BBQ-ZD001 (ZDC TOWER)
Entries 7887888
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

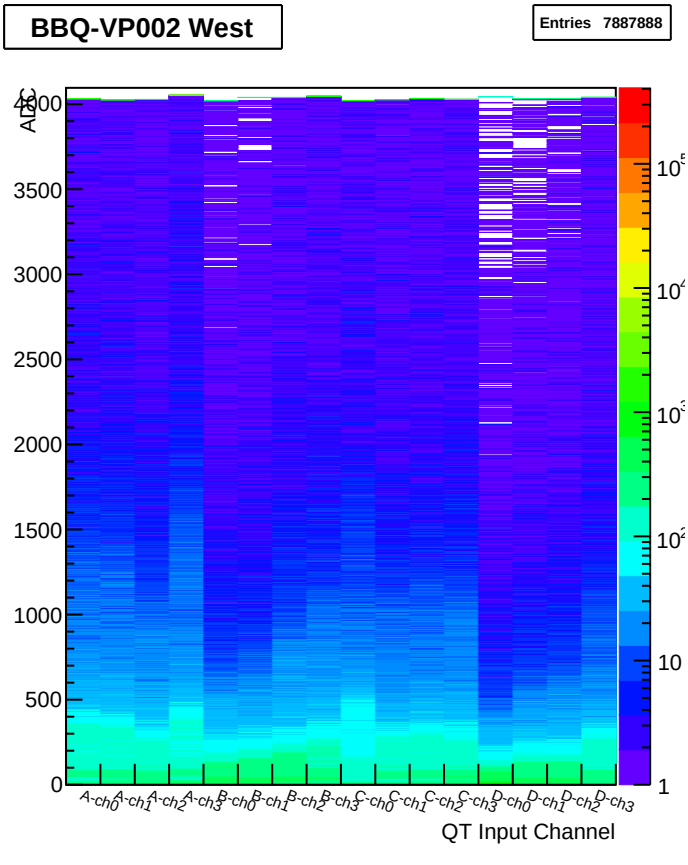

BBQ-ZD001 (ZDC TOWER)
Entries 7887888
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

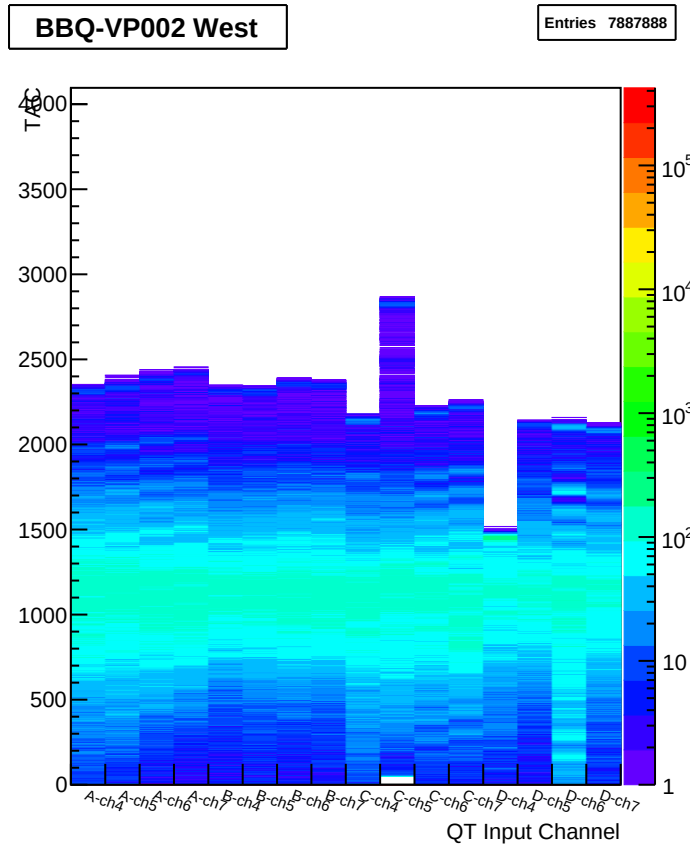

rawzdcEastTac
Entries 492993

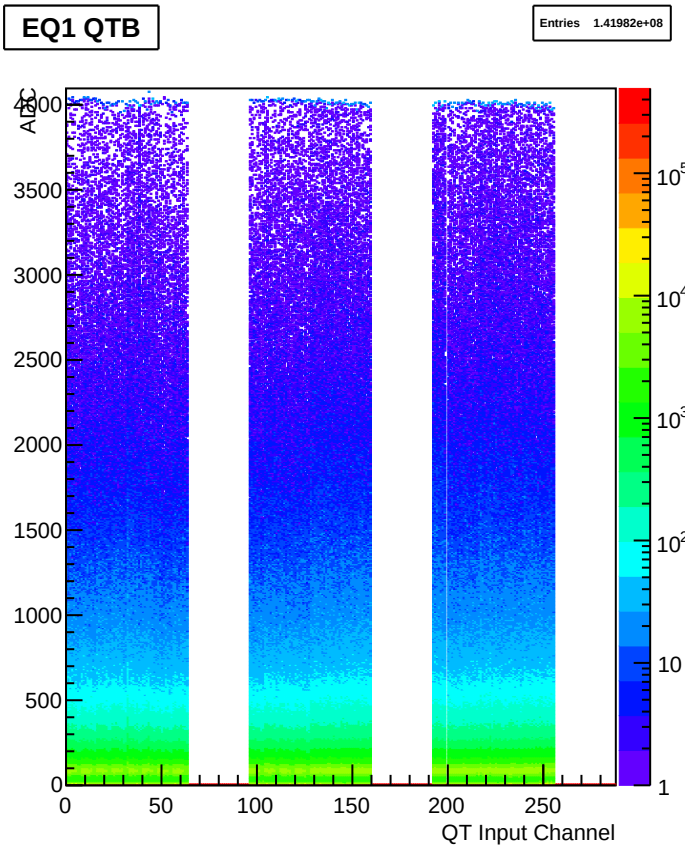

rawzdcWestTac
Entries 492993

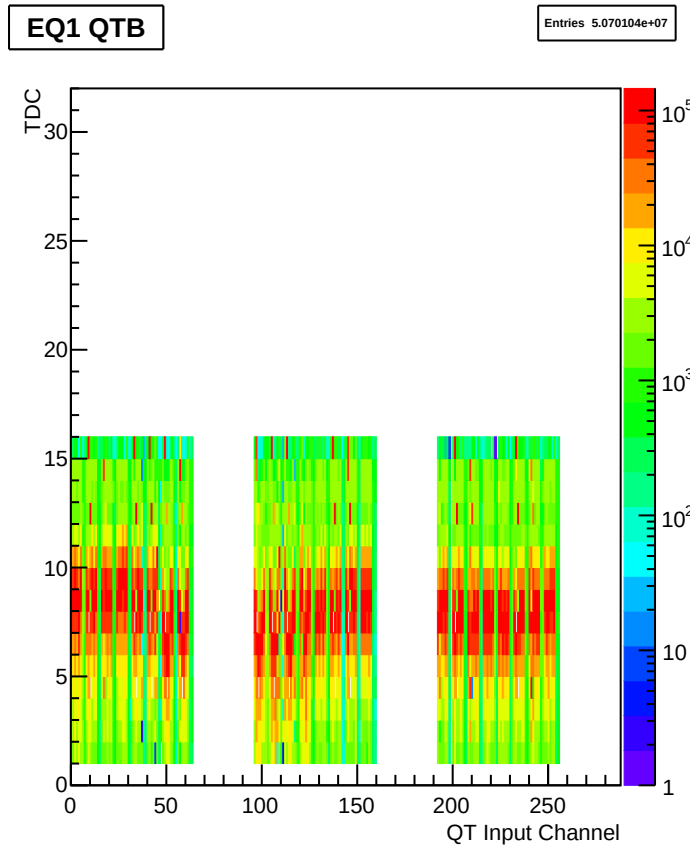

BBQ-VP001 East
Entries 7887888
ADC
QT Input Channel

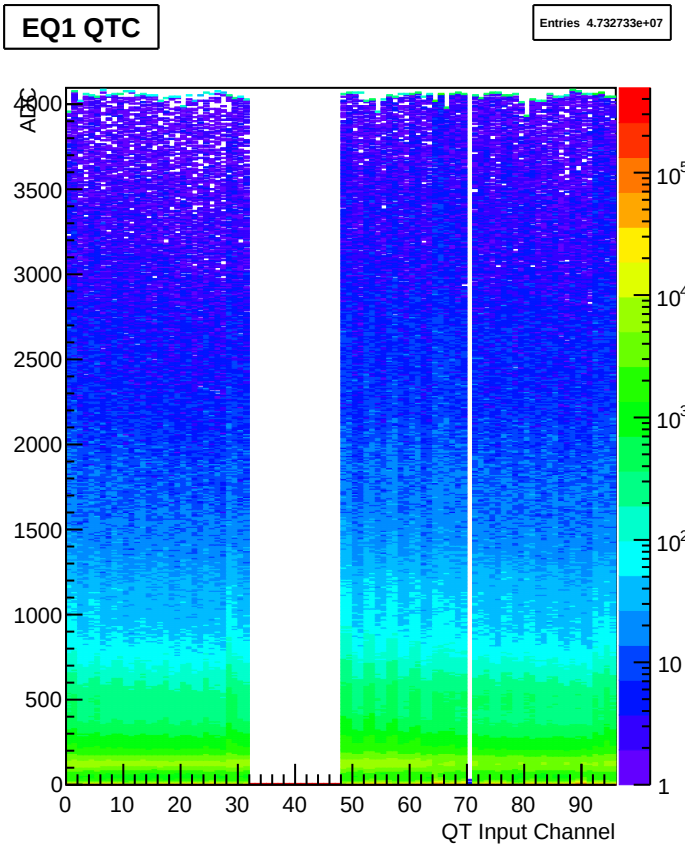

BBQ-VP001 East
Entries 7887888
ADC
QT Input Channel

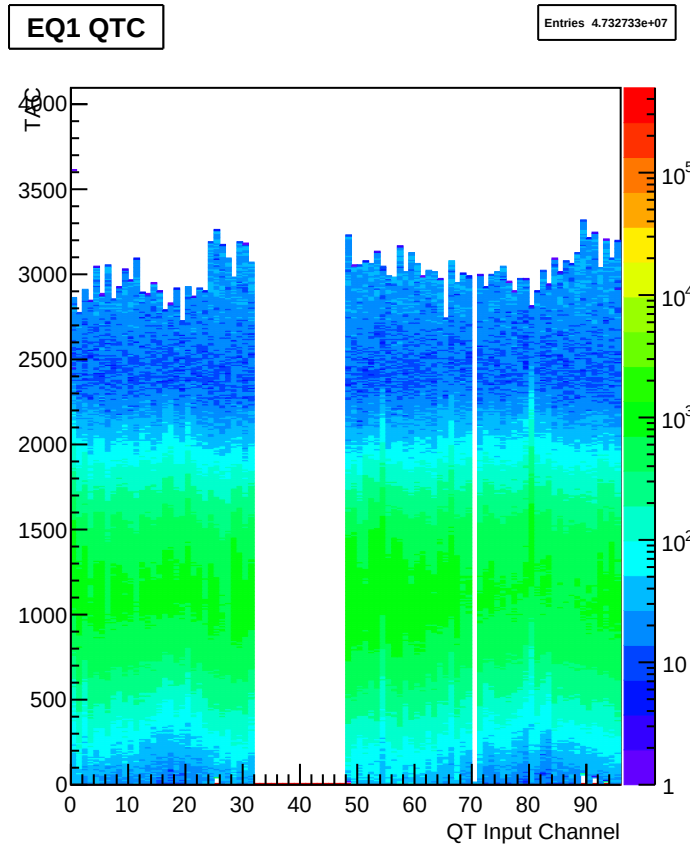

BBQ-VP002 West
Entries 7887888
ADC
QT Input Channel

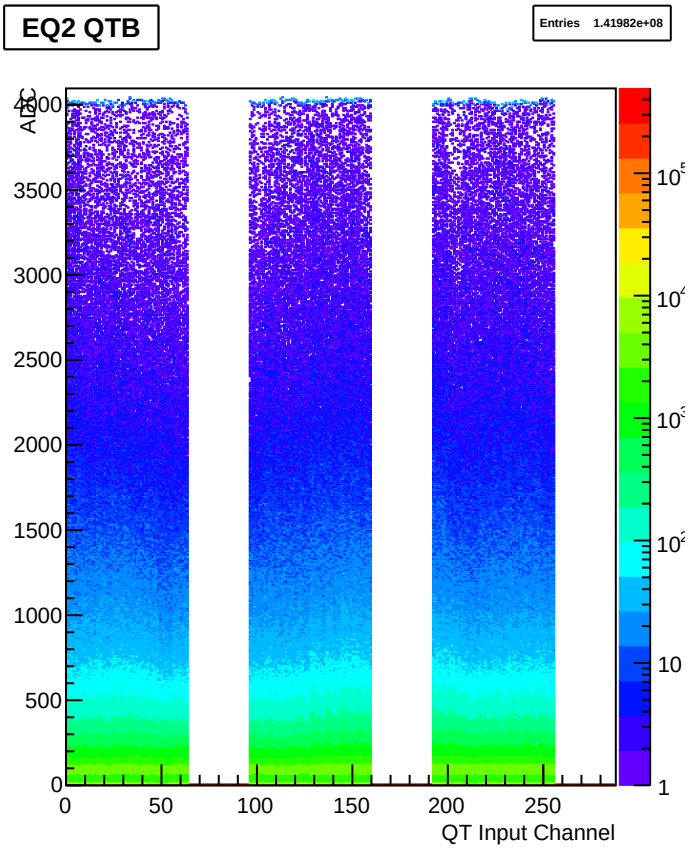

BBQ-VP002 West
Entries 7887888
ADC
QT Input Channel

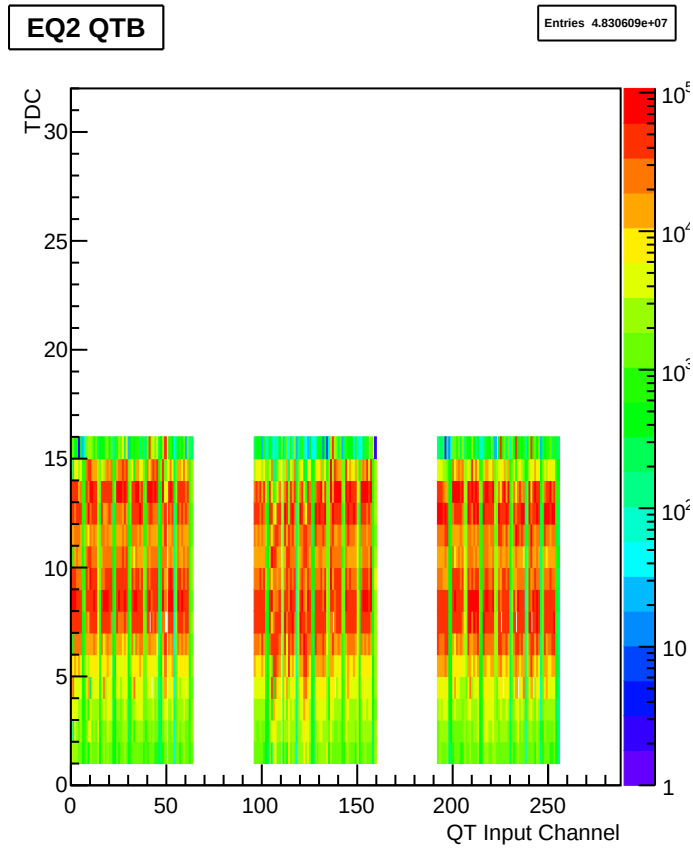

EQ1 QTB
Entries 1.41982e+08
ADC
QT Input Channel

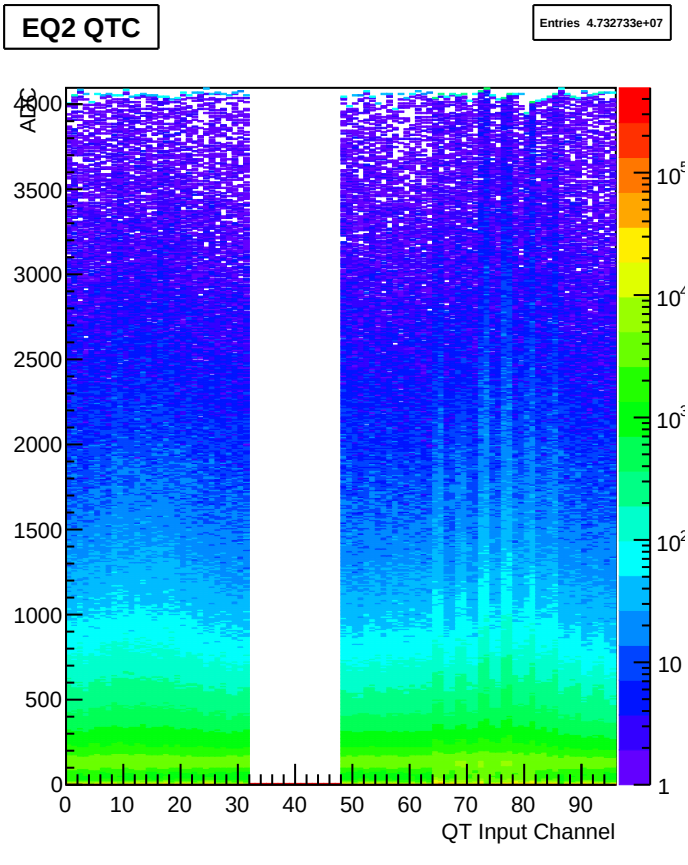

EQ1 QTB
Entries 5.070104e+07
TDC
QT Input Channel

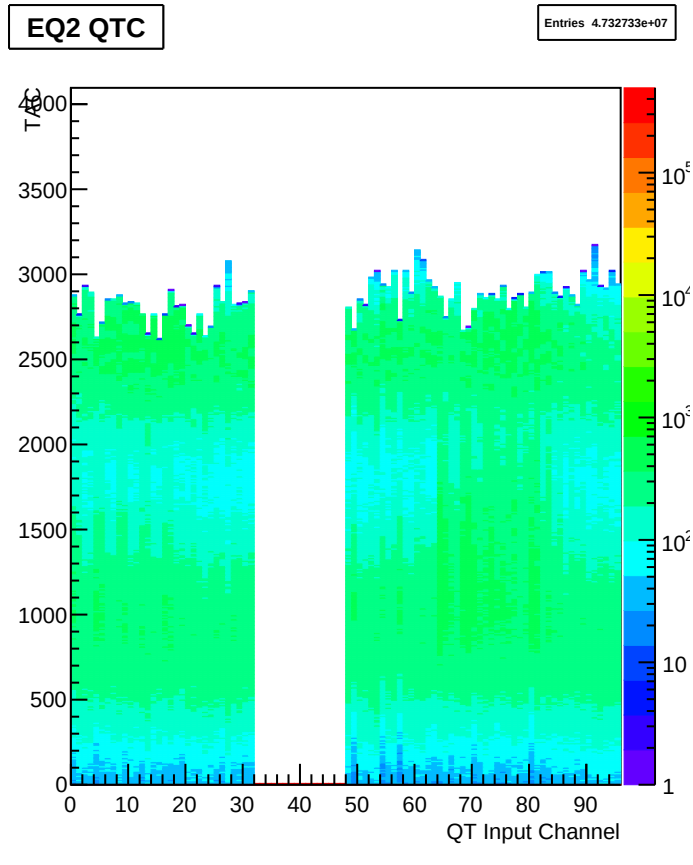

EQ1 QTC
Entries 4.732733e+07
ADC
QT Input Channel

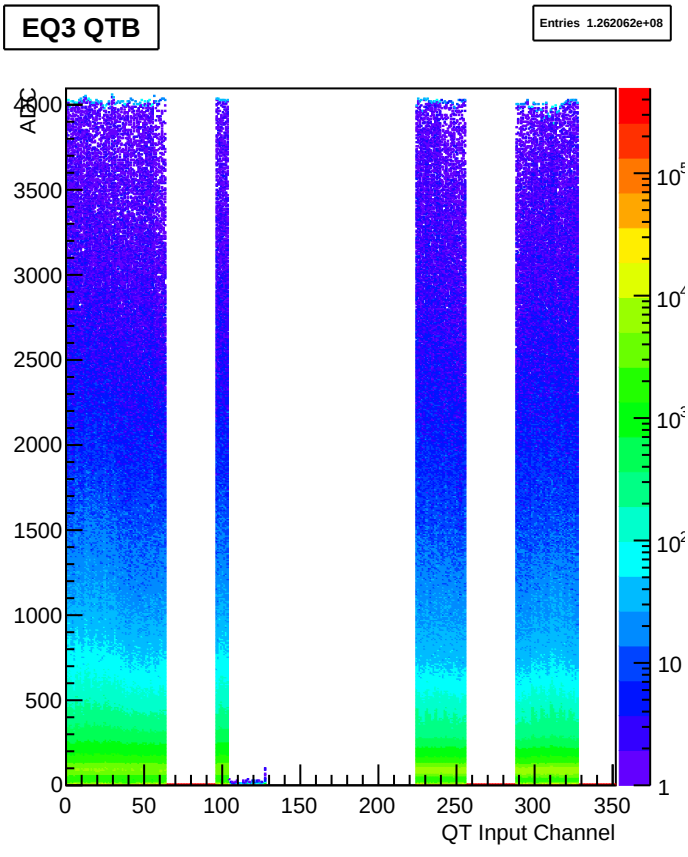

EQ1 QTC
Entries 4.732733e+07
TADC
QT Input Channel

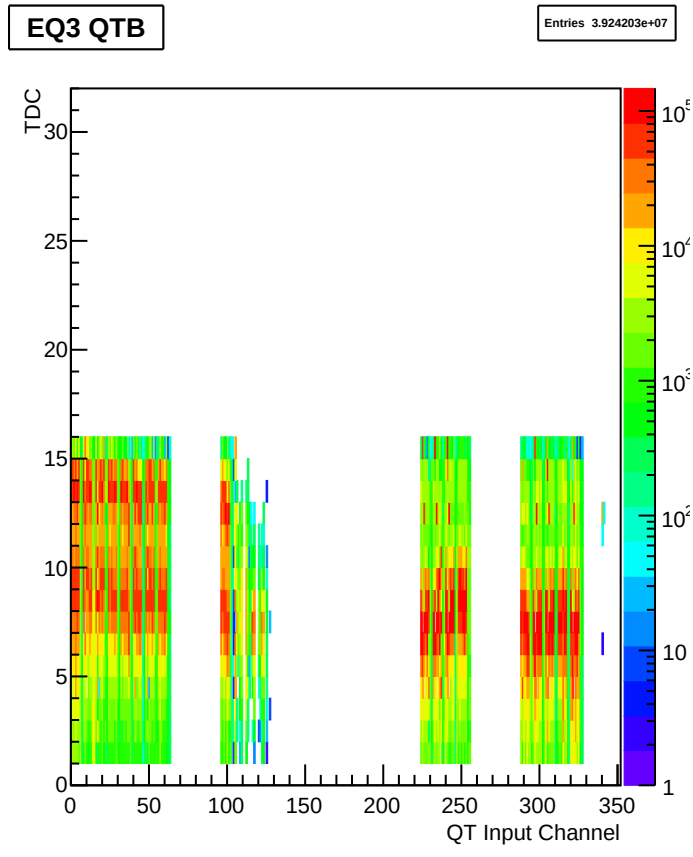

EQ2 QTB
Entries 1.41982e+08
ADC
QT Input Channel

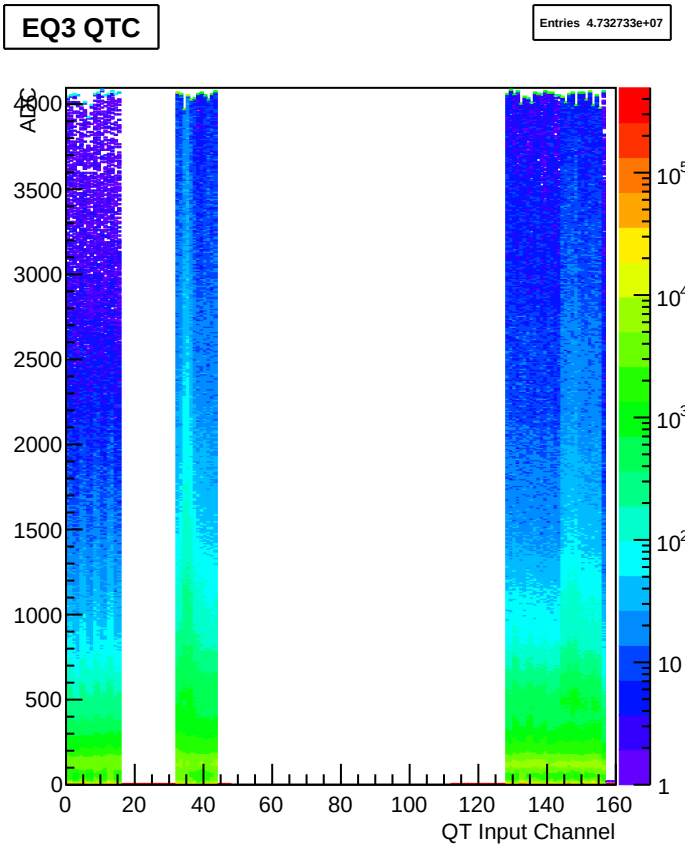

EQ2 QTB
Entries 4.830609e+07
TDC
QT Input Channel

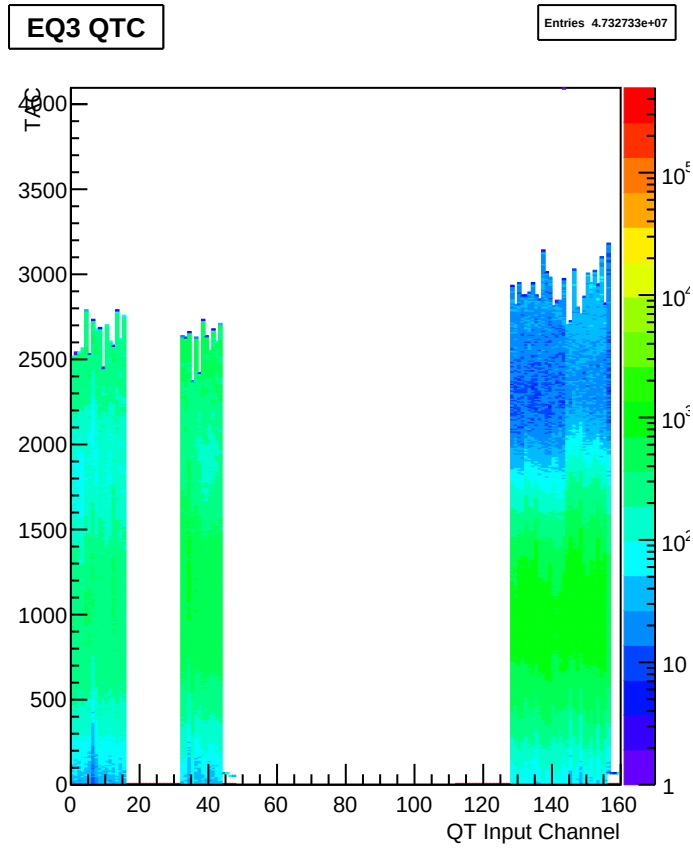

EQ2 QTC
Entries 4.732733e+07
ADC
QT Input Channel

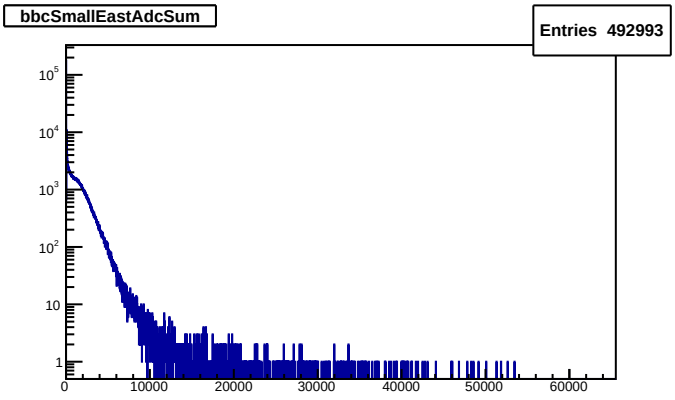

EQ2 QTC
Entries 4.732733e+07
TADC
QT Input Channel

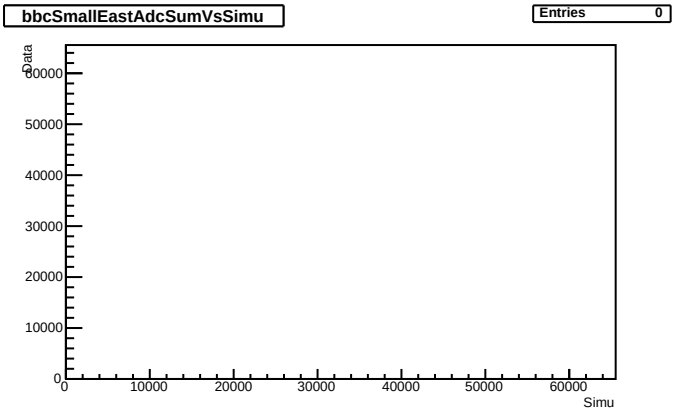

EQ3 QTB
Entries 1.262062e+08
ADC
QT Input Channel

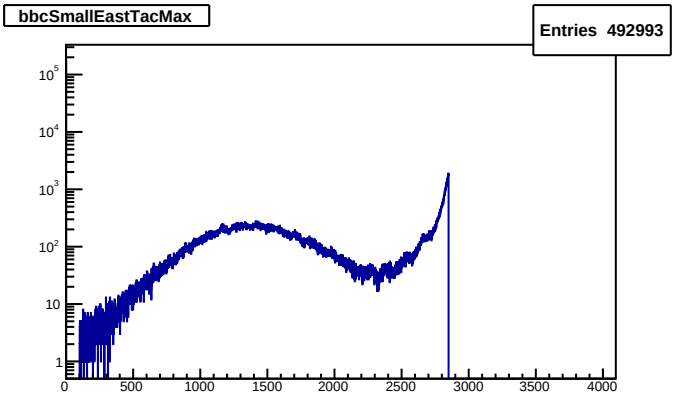

EQ3 QTB
Entries 3.924203e+07
TDC
QT Input Channel


EQ3 QTC
Entries 4.732733e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.732733e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 492993


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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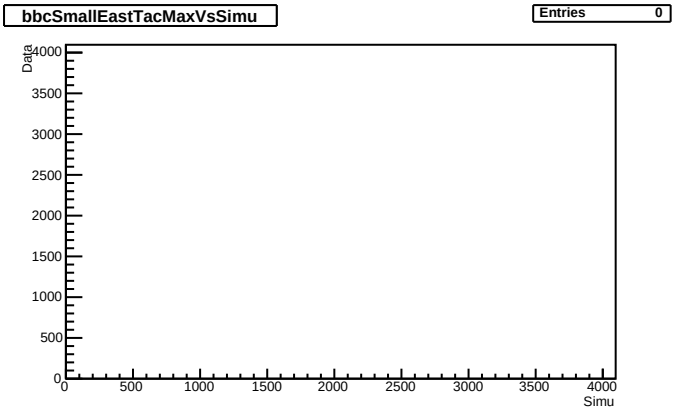
Entries 492993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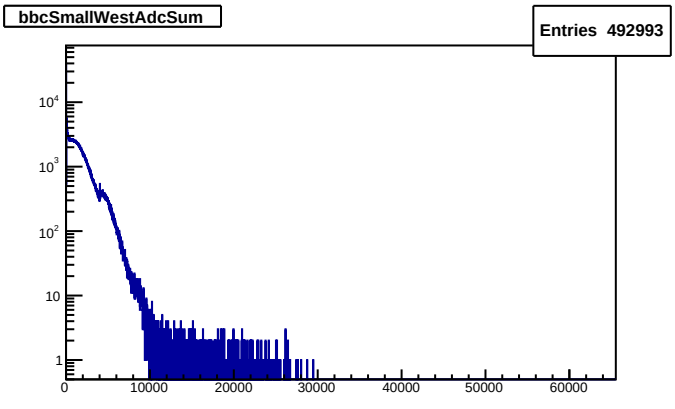
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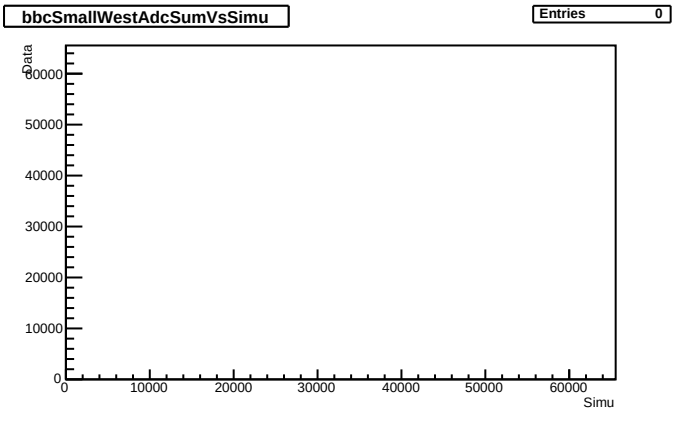
Entries 492993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Entries 0
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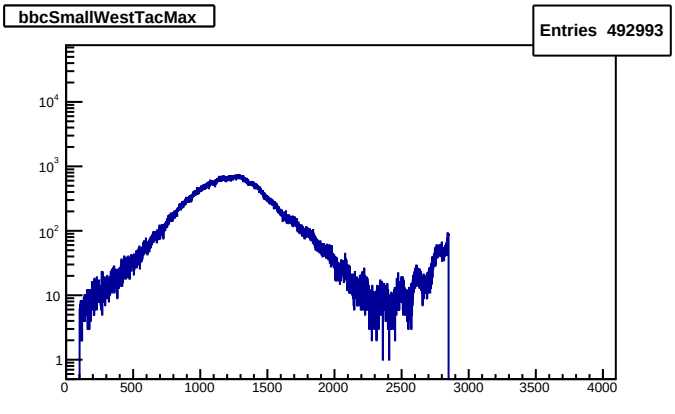
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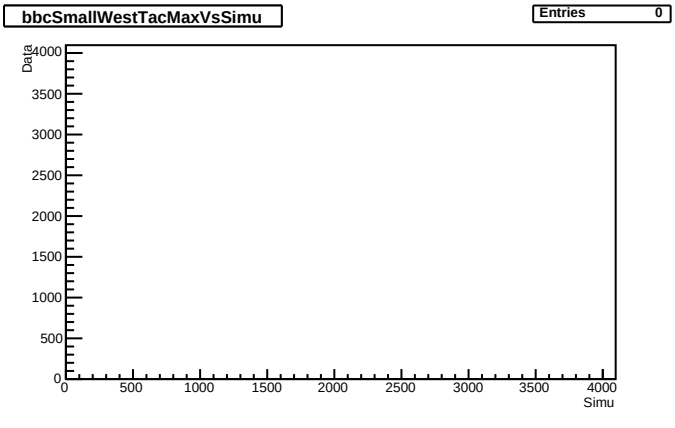
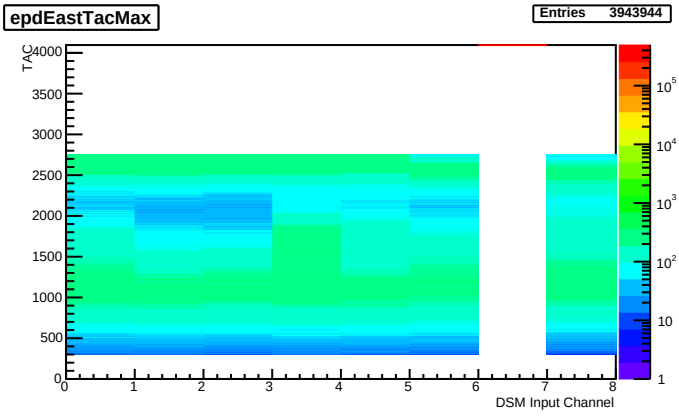
Entries 492993


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu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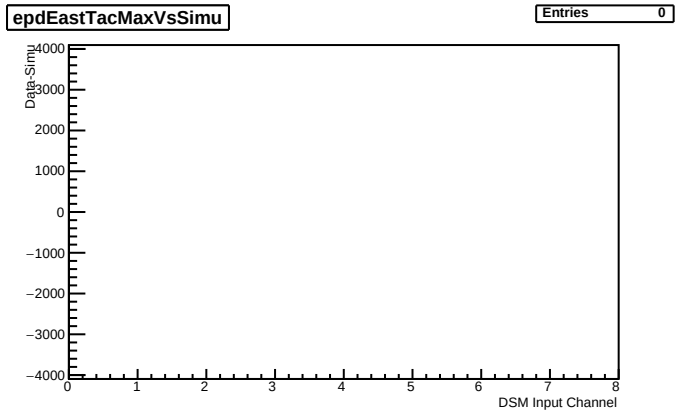
Entries 3943944
TAC
DSM Input Channel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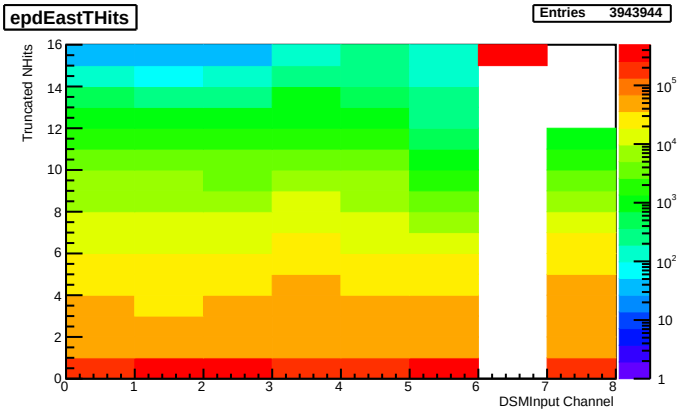
Entries 0
Data-Simu
DSM Input Channel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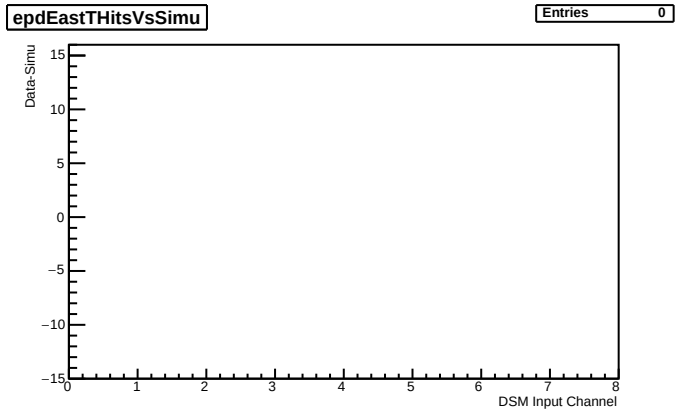
Entries 3943944
Truncated NHits
DSMInput Channel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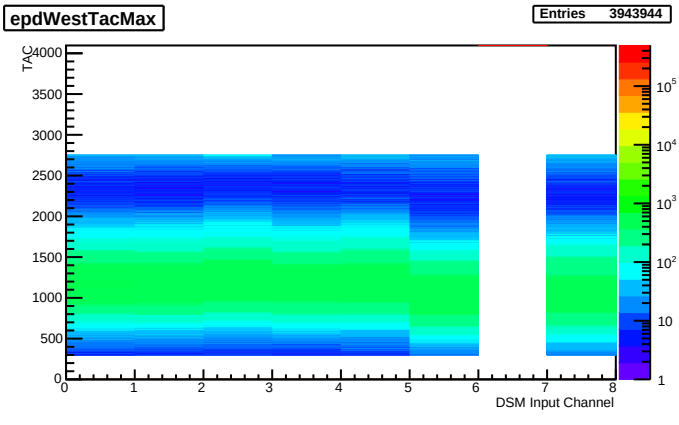
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Entries 3943944
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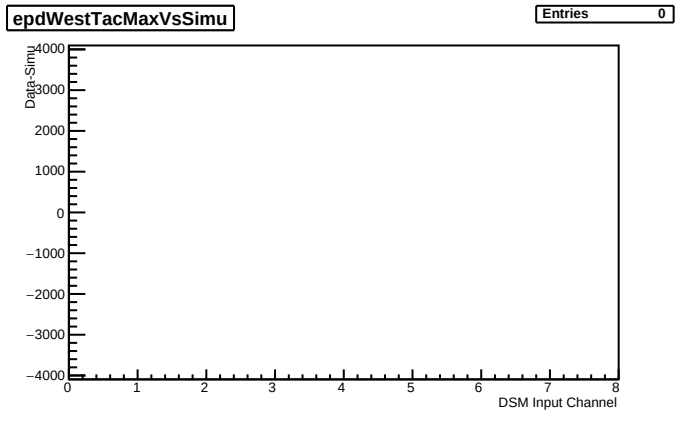
DSM Input Channel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Entries 0
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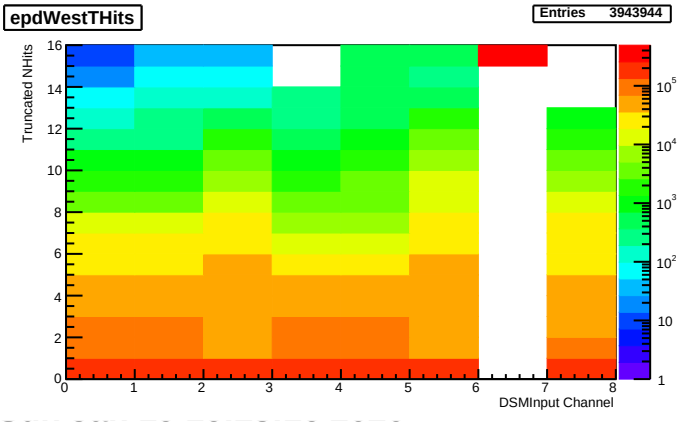
DSM Input Channel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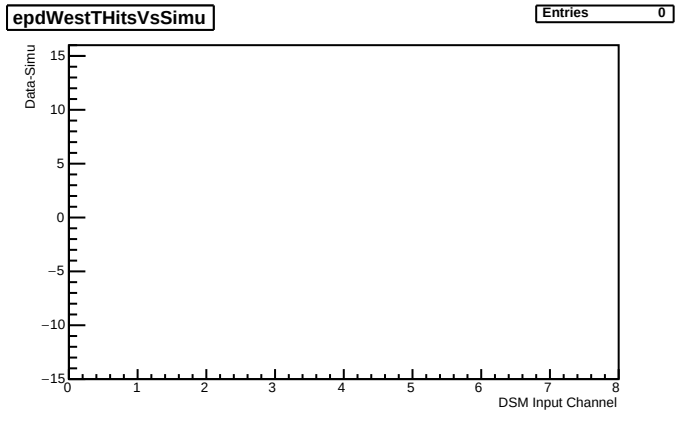
Entries 3943944
Truncated NHits
DSMInput Channel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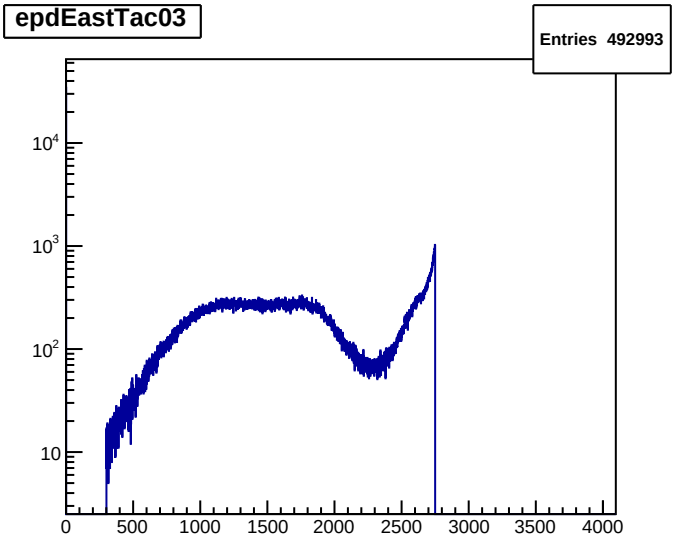
DSM Input Channel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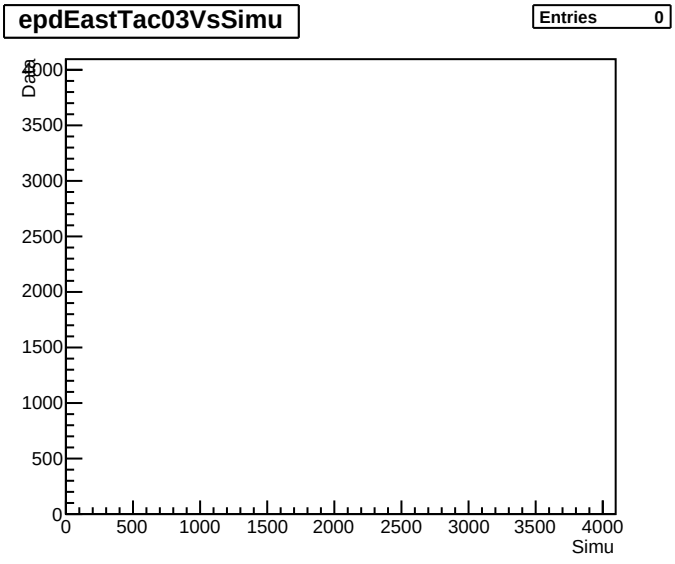
Entries 492993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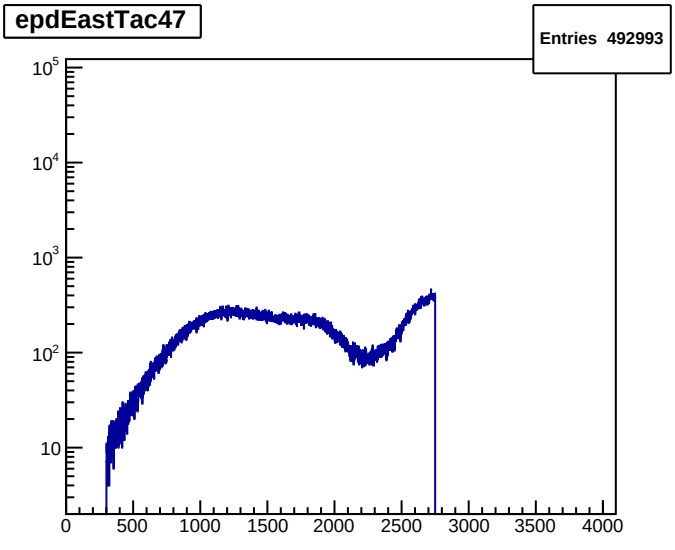
Entries 0
Data
Simu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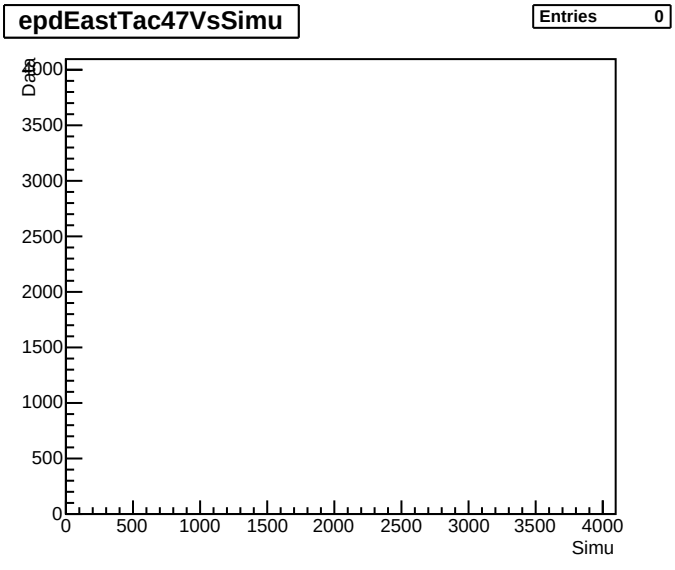
Entries 492993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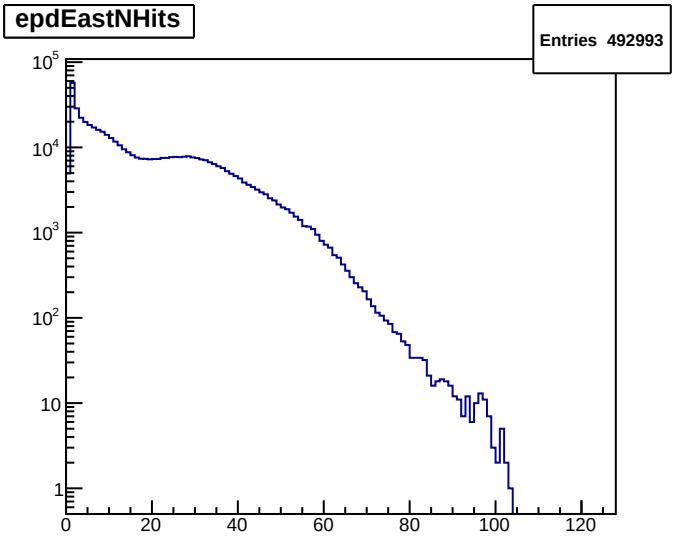
Entries 0
Data
Simu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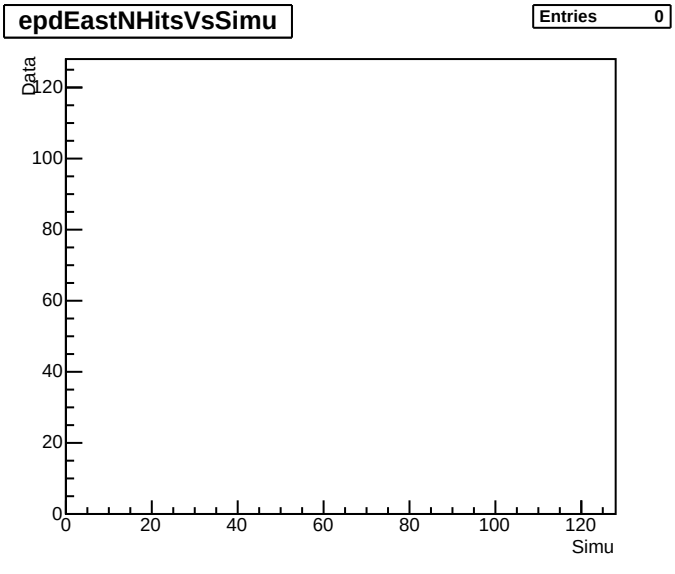
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Data
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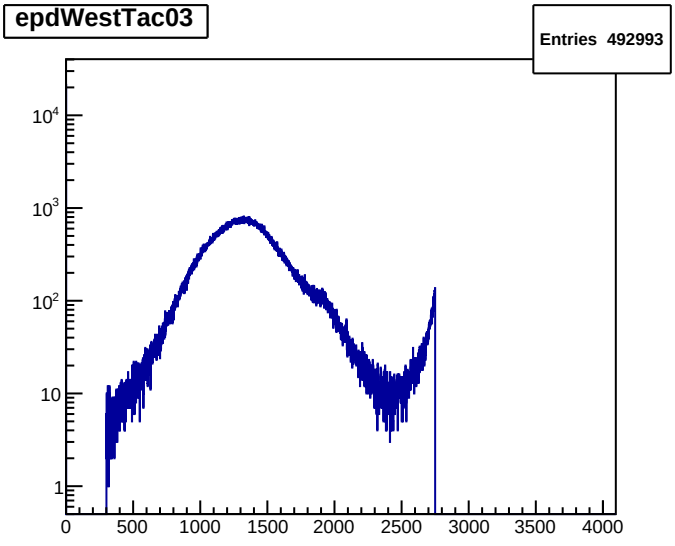
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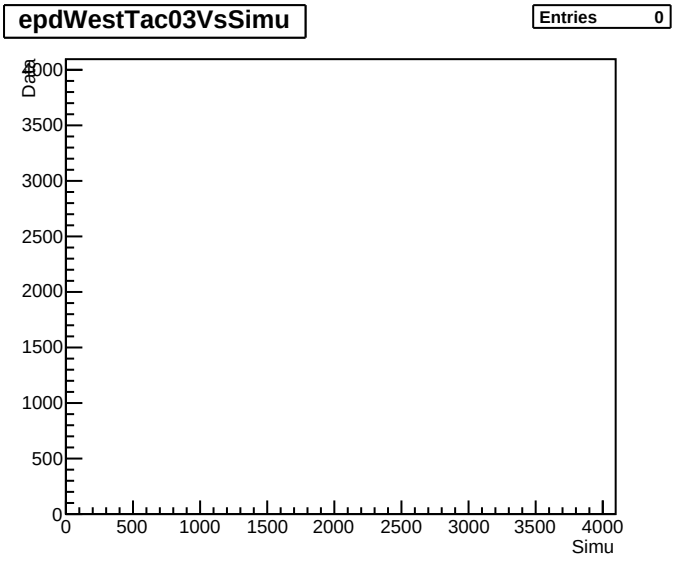
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Entries 0
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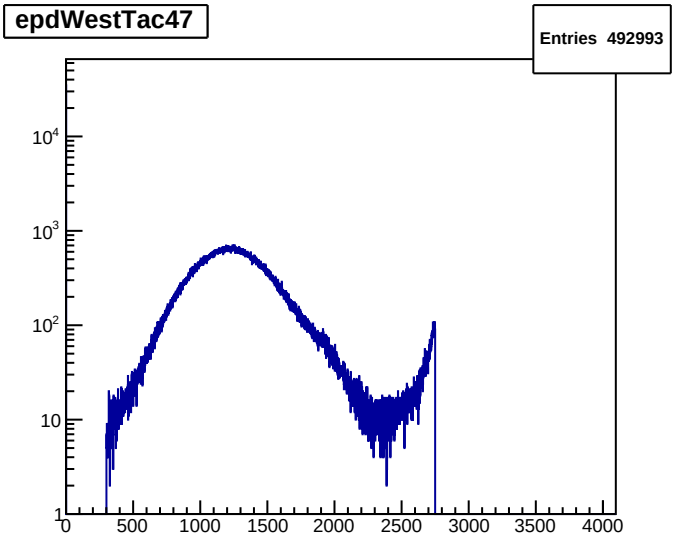
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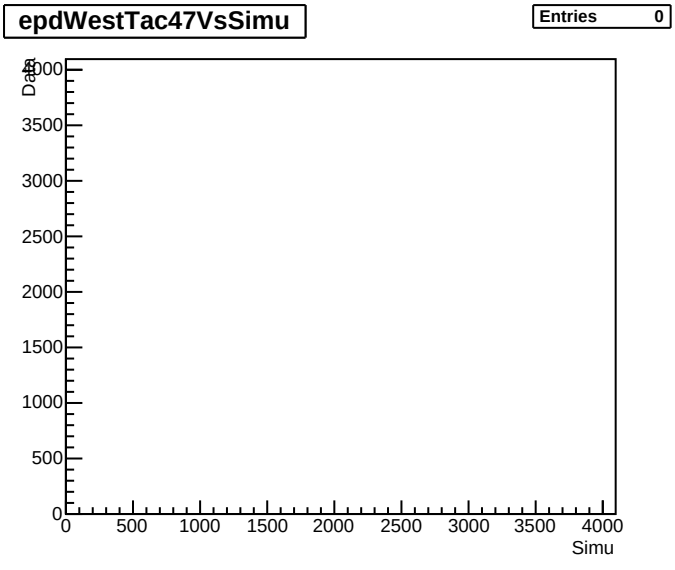
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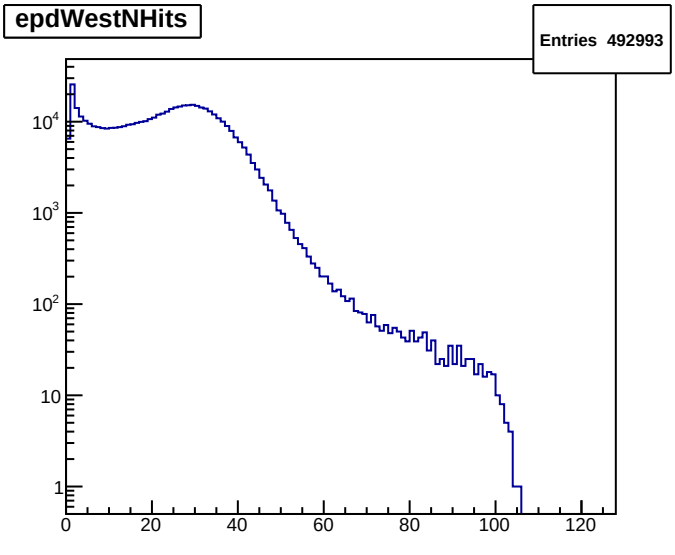
Data
Simu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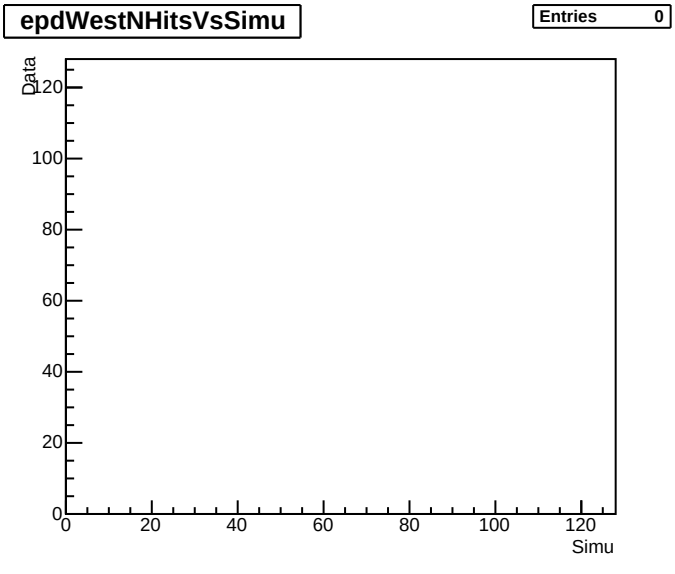
Entries 492993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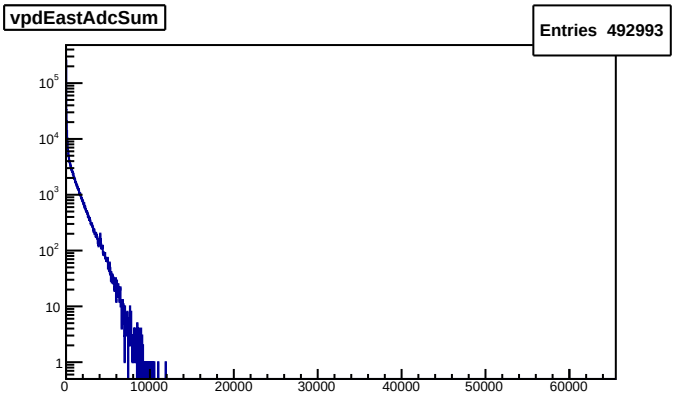
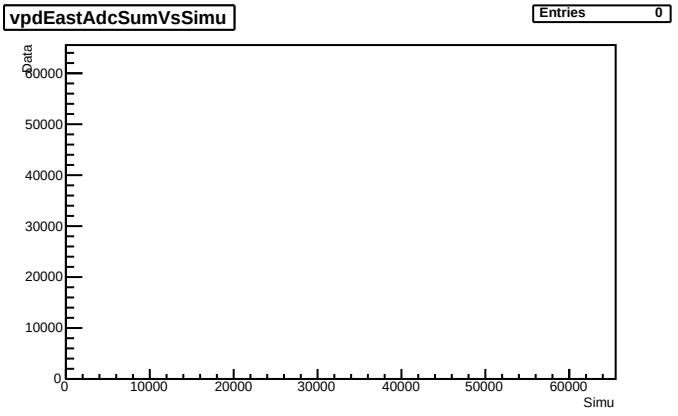
Entries 0
Data
Simu


vpdEastAdcSum
Entries 492993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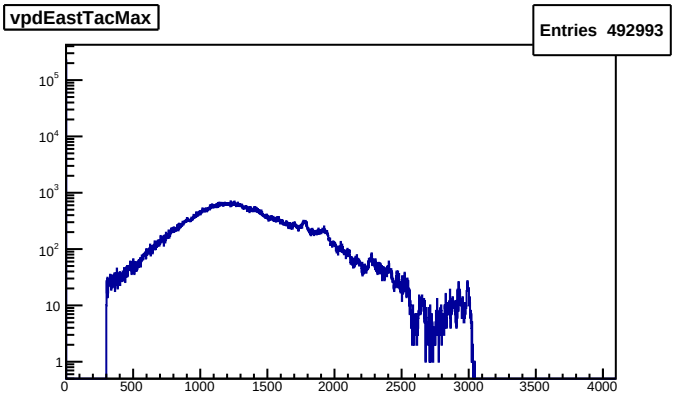
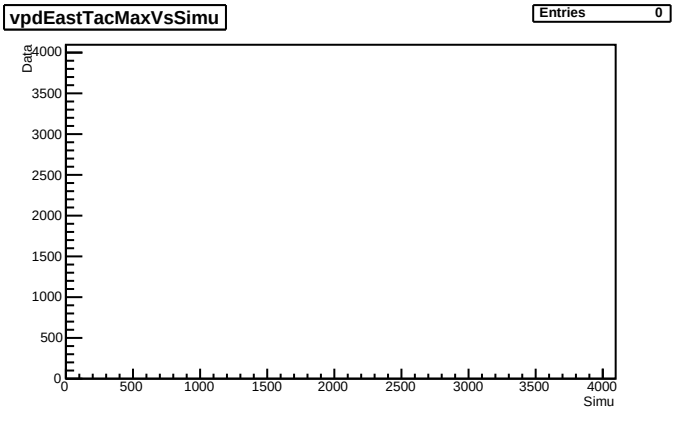
Entries 0
Data
Simu


vpdEastTacMax
Entries 492993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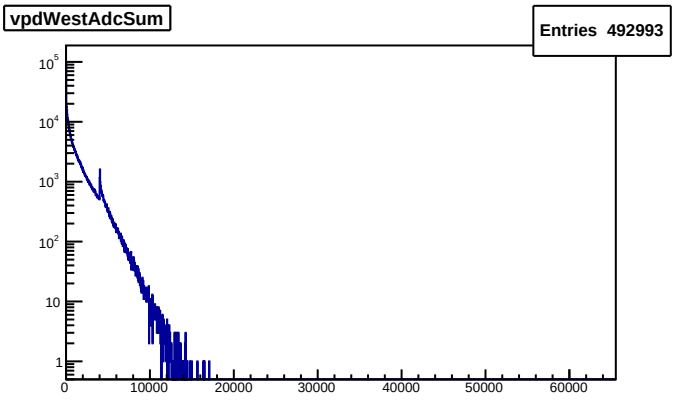
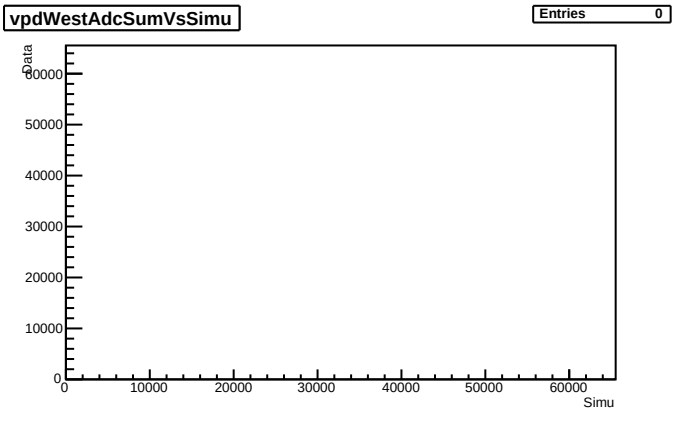
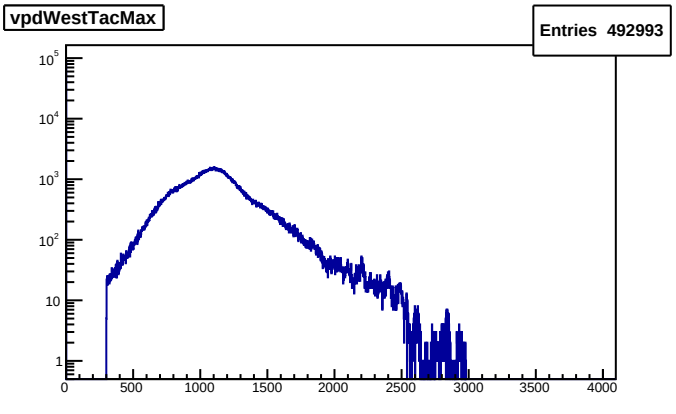
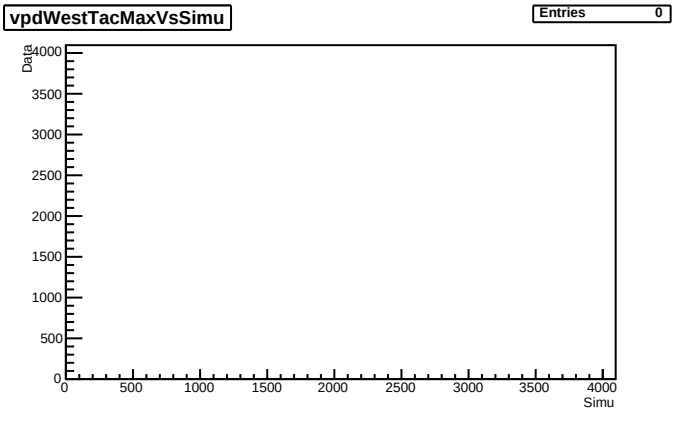
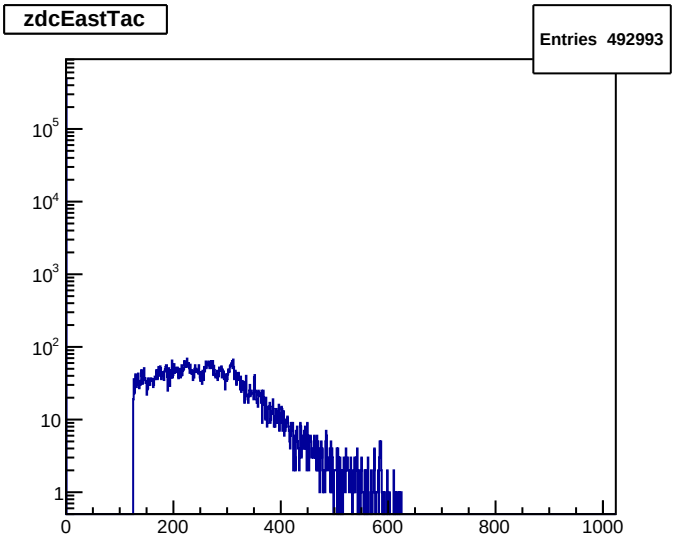
Data
Simu

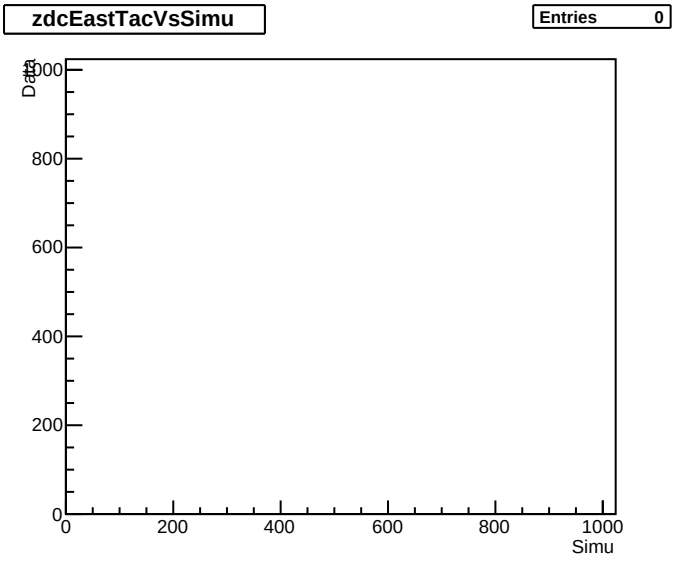

vpdWestAdcSum
Entries 492993


vpdWestAdcSumVsSimu
Entries 0
Data
Simu


vpdWestTacMax
Entries 492993


vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 492993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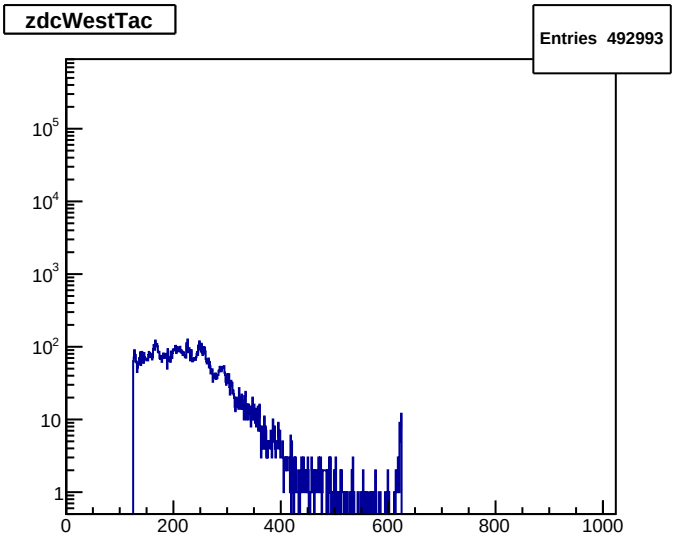
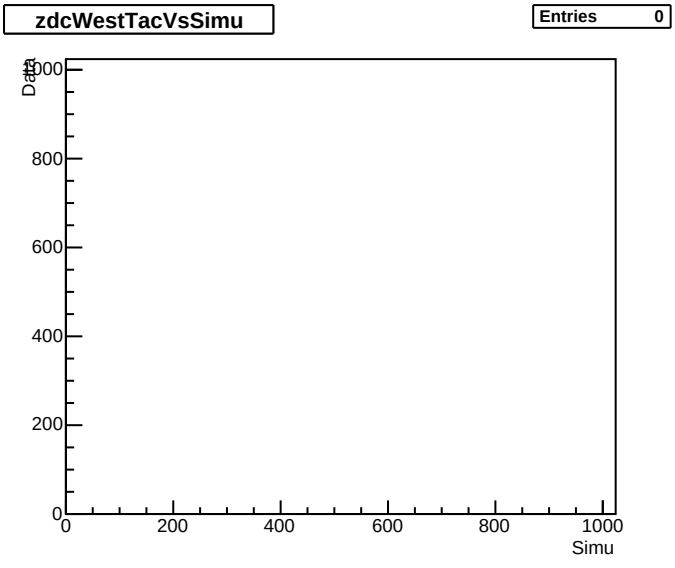
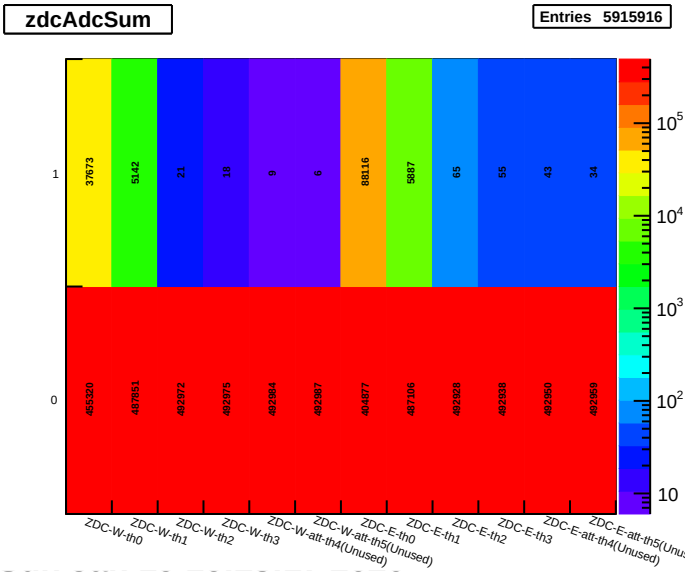
Entries 0
Data
Simu


zdcWestTac
Entries 492993


zdcWestTacVsSimu
Entries 0
Data
Simu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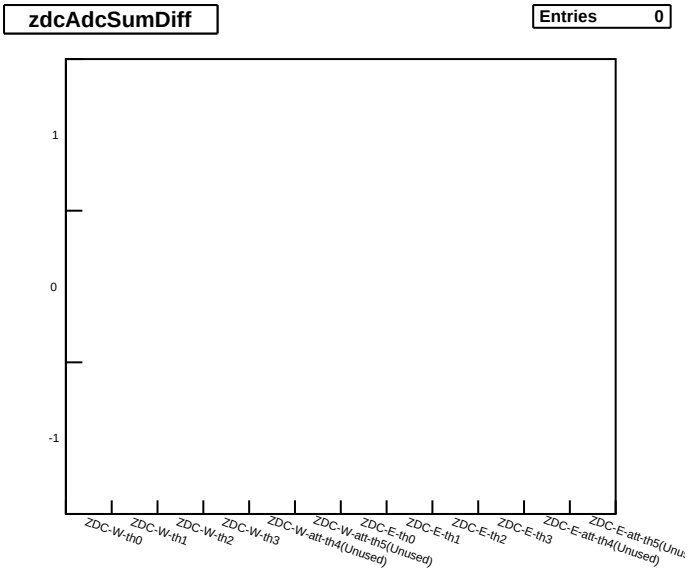
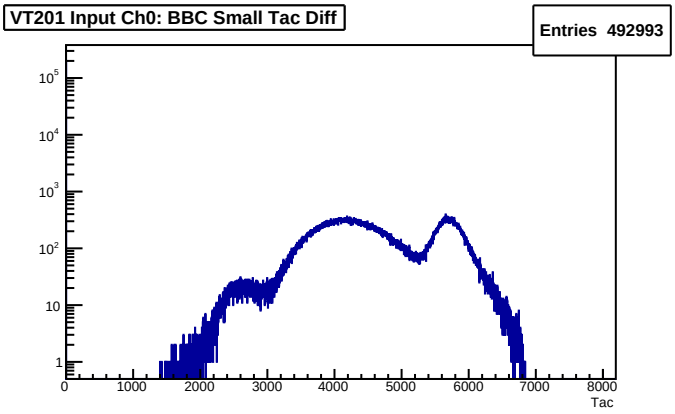
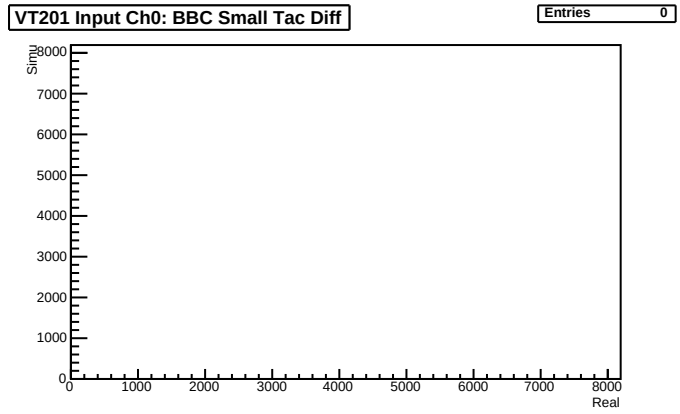
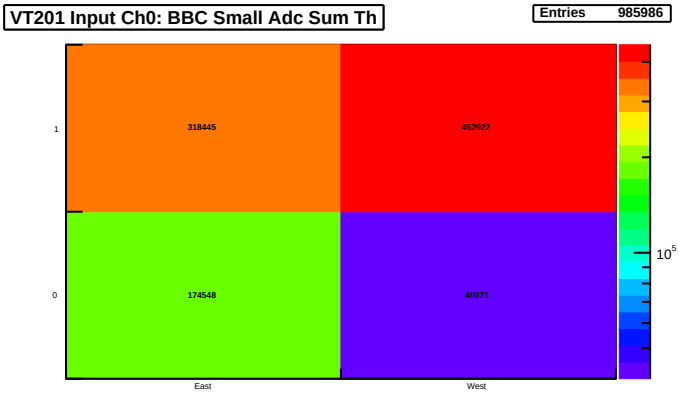
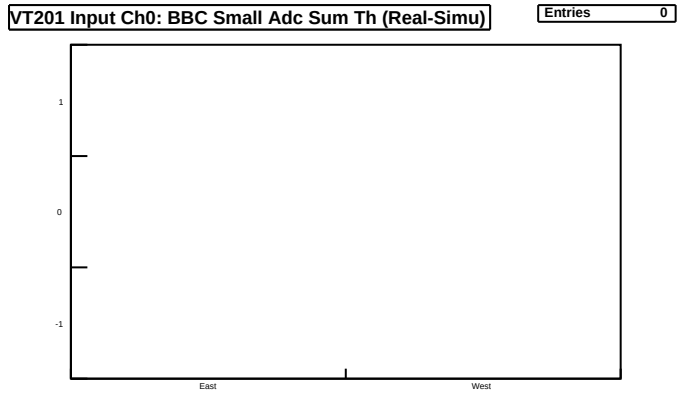
Entries 5915916
37673
5142
21
18
9
6
88116
5887
65
55
43
34
455320
487851
492972
492975
492984
492987
404877
487106
492928
492938
492950
492959
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

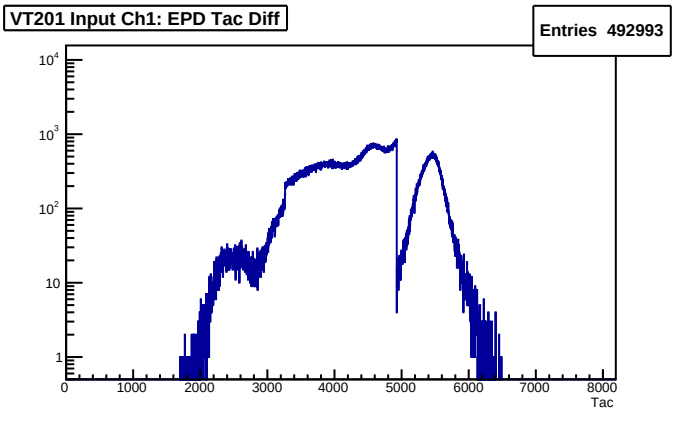

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

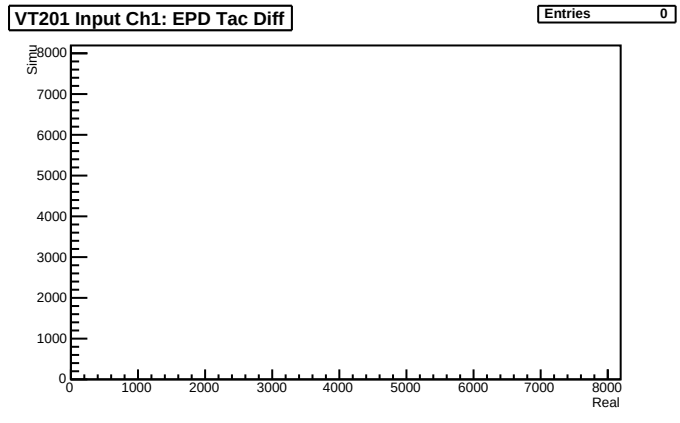

VT201 Input Ch0: BBC Small Tac Diff
Entries 492993
Tac

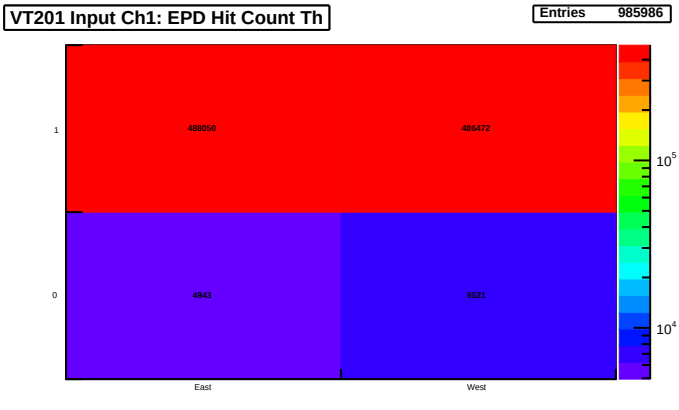

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

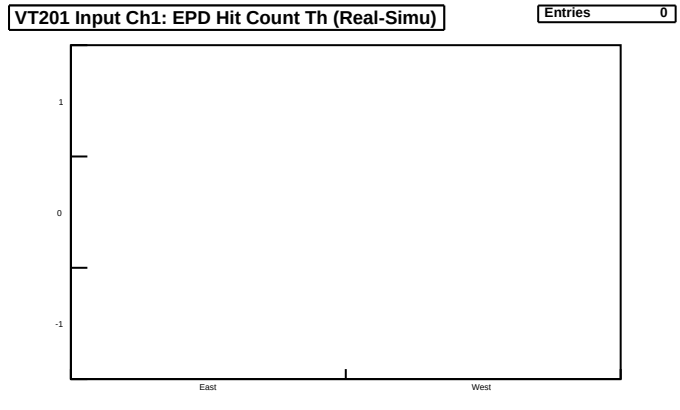

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 985986
318445
452922
174548
40071
East
West

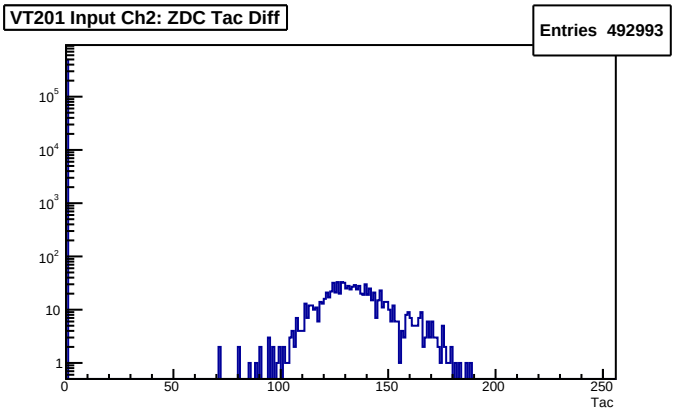

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

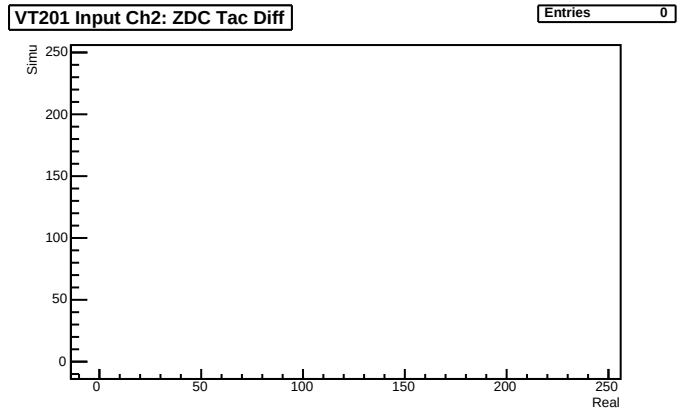

VT201 Input Ch1: EPD Tac Diff
Entries 492993
Tac

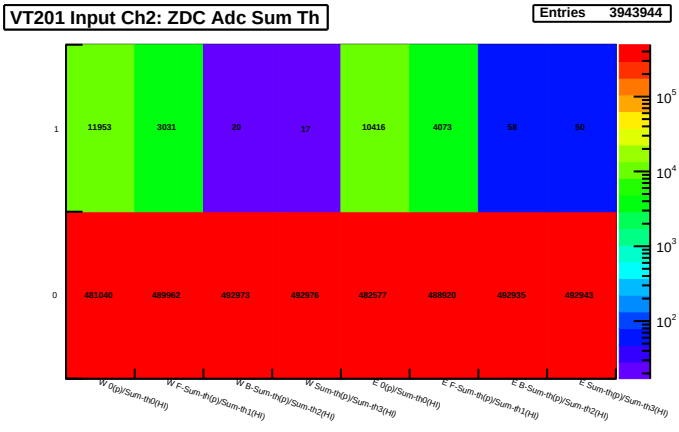

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

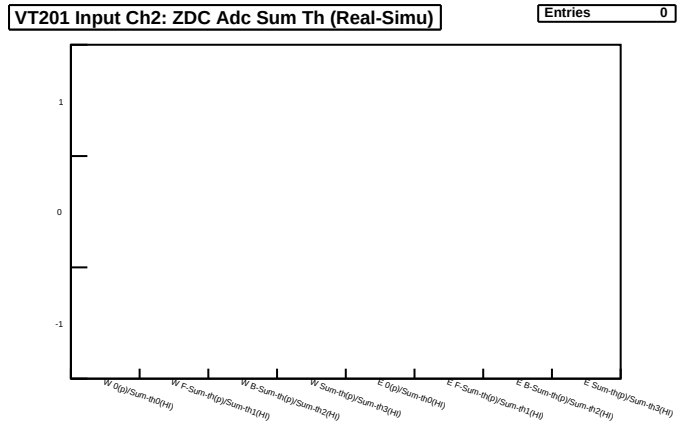

VT201 Input Ch1: EPD Hit Count Th
Entries 985986
488050
486472
4943
6521
East
West

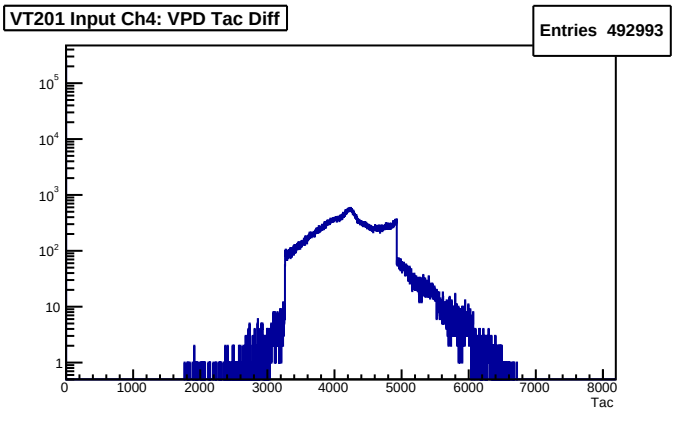

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

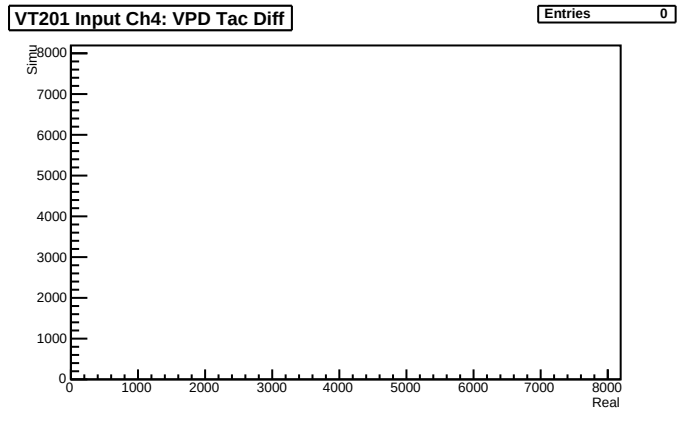

VT201 Input Ch2: ZDC Tac Diff
Entries 492993
Tac

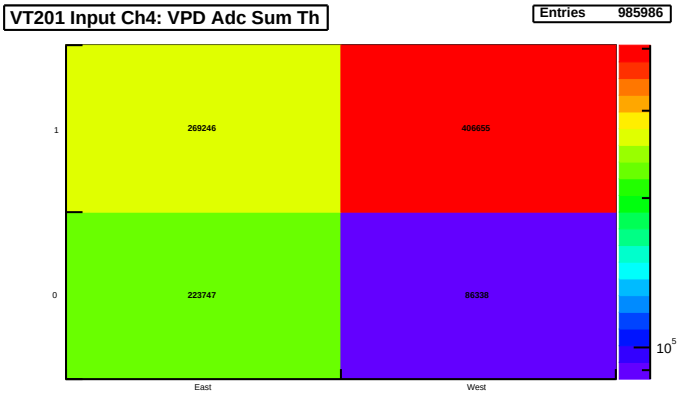

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

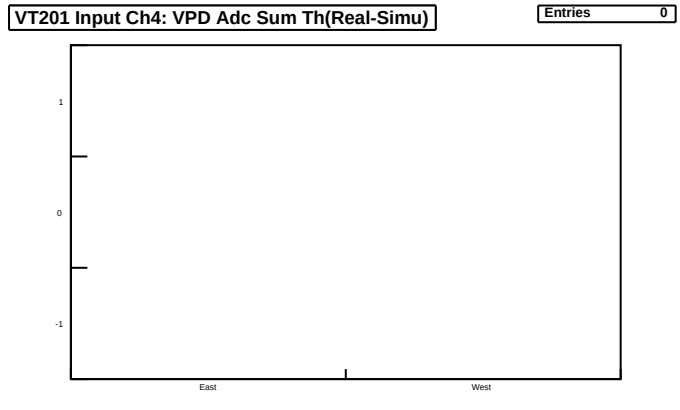

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3943944
11953
3031
20
17
10416
4073
58
50
481040
489962
492973
492976
482577
488920
492935
492943
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

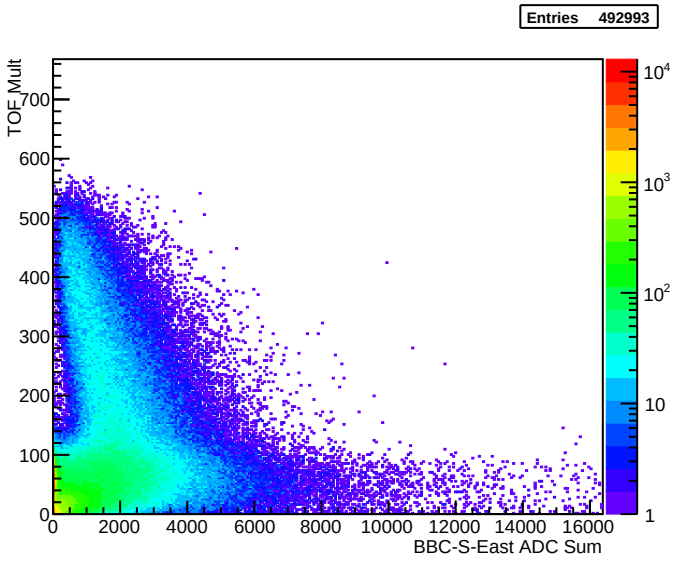

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

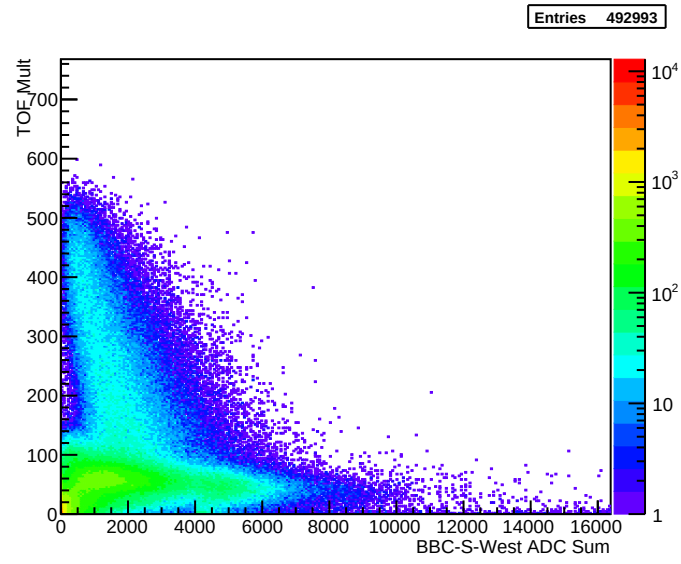

VT201 Input Ch4: VPD Tac Diff
Entries 492993
Tac

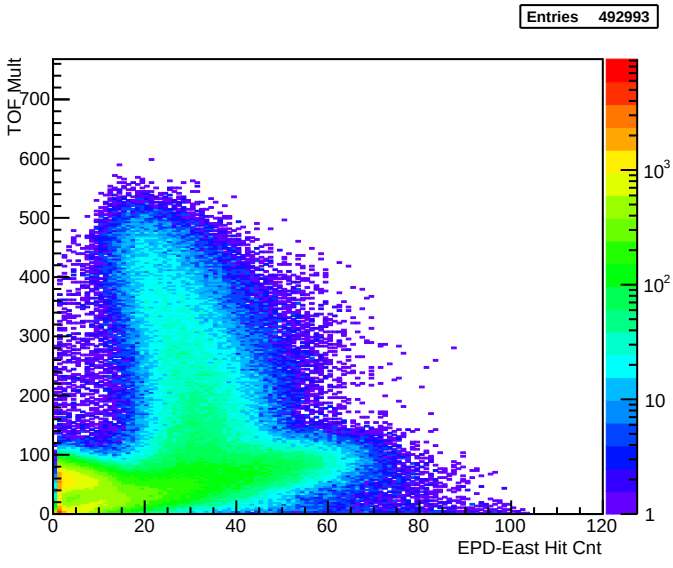

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

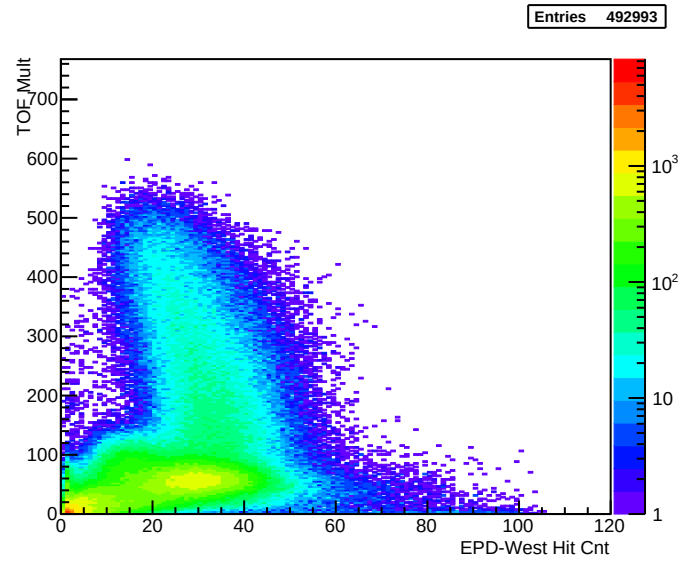

VT201 Input Ch4: VPD Adc Sum Th
Entries 985986
269246
406655
223747
86338
East
West

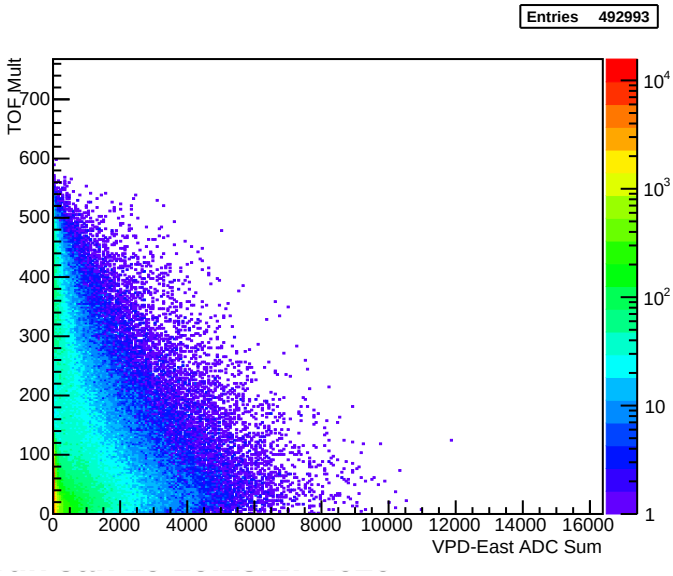

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

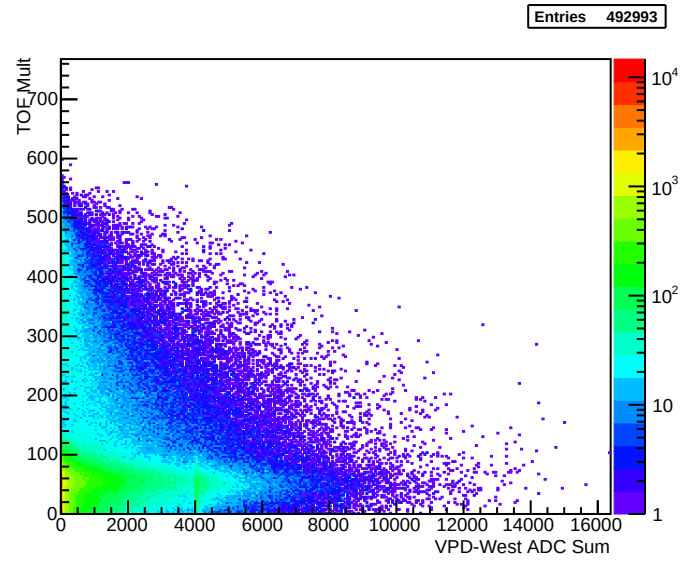

Entries 492993
TOF_Mult
BBC-S-East ADC Sum

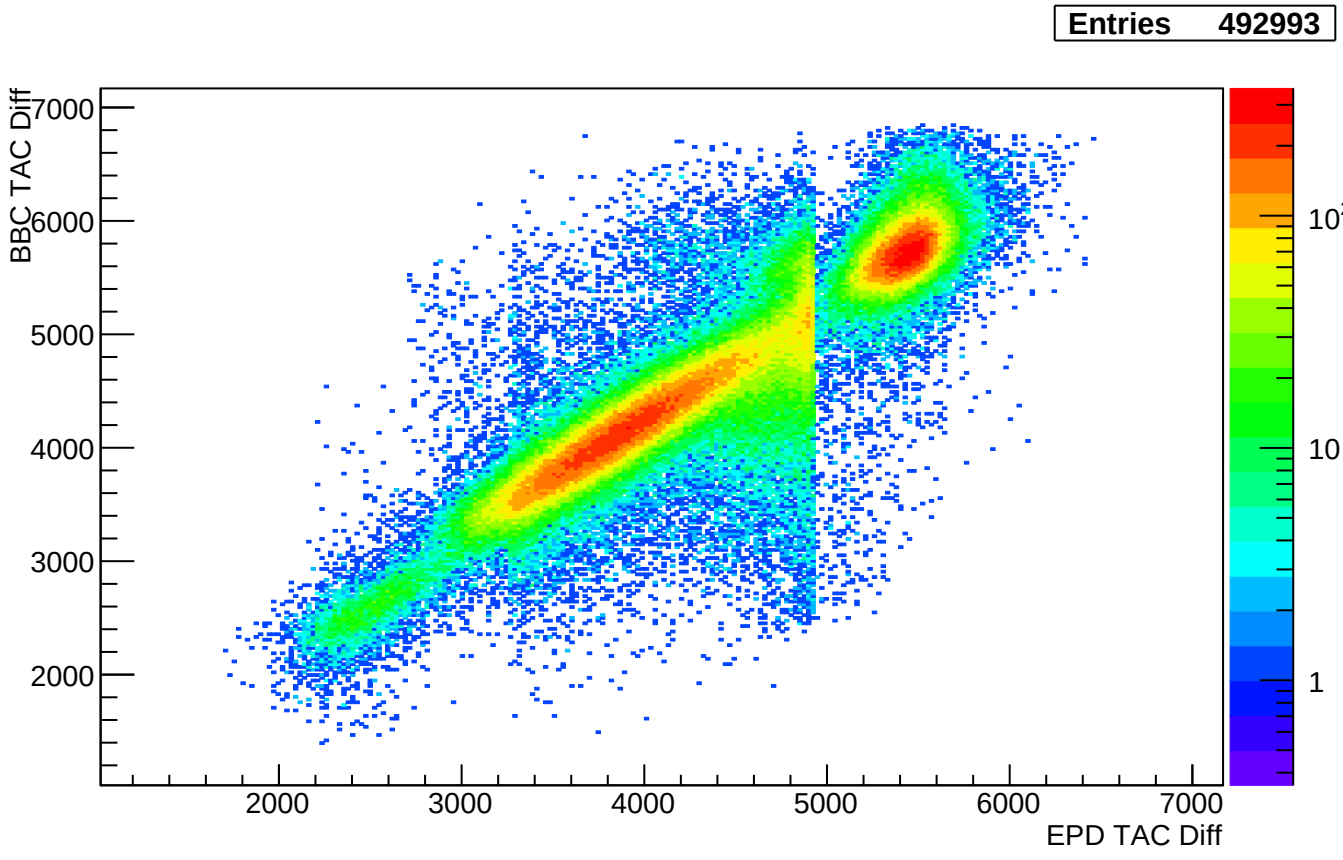

Entries 492993
TOF_Mult
BBC-S-West ADC Sum

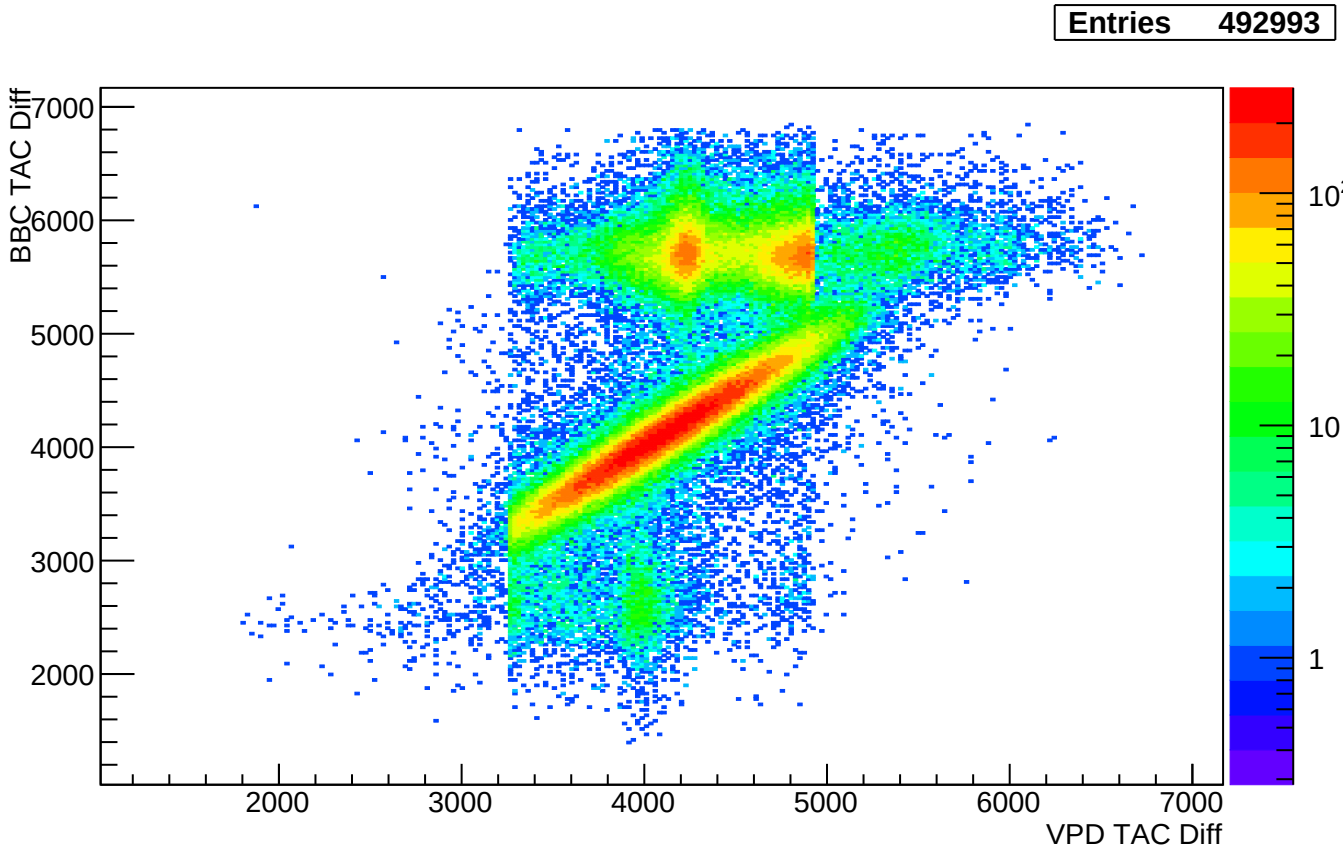

Entries 492993
TOF_Mult
EPD-East Hit Cnt

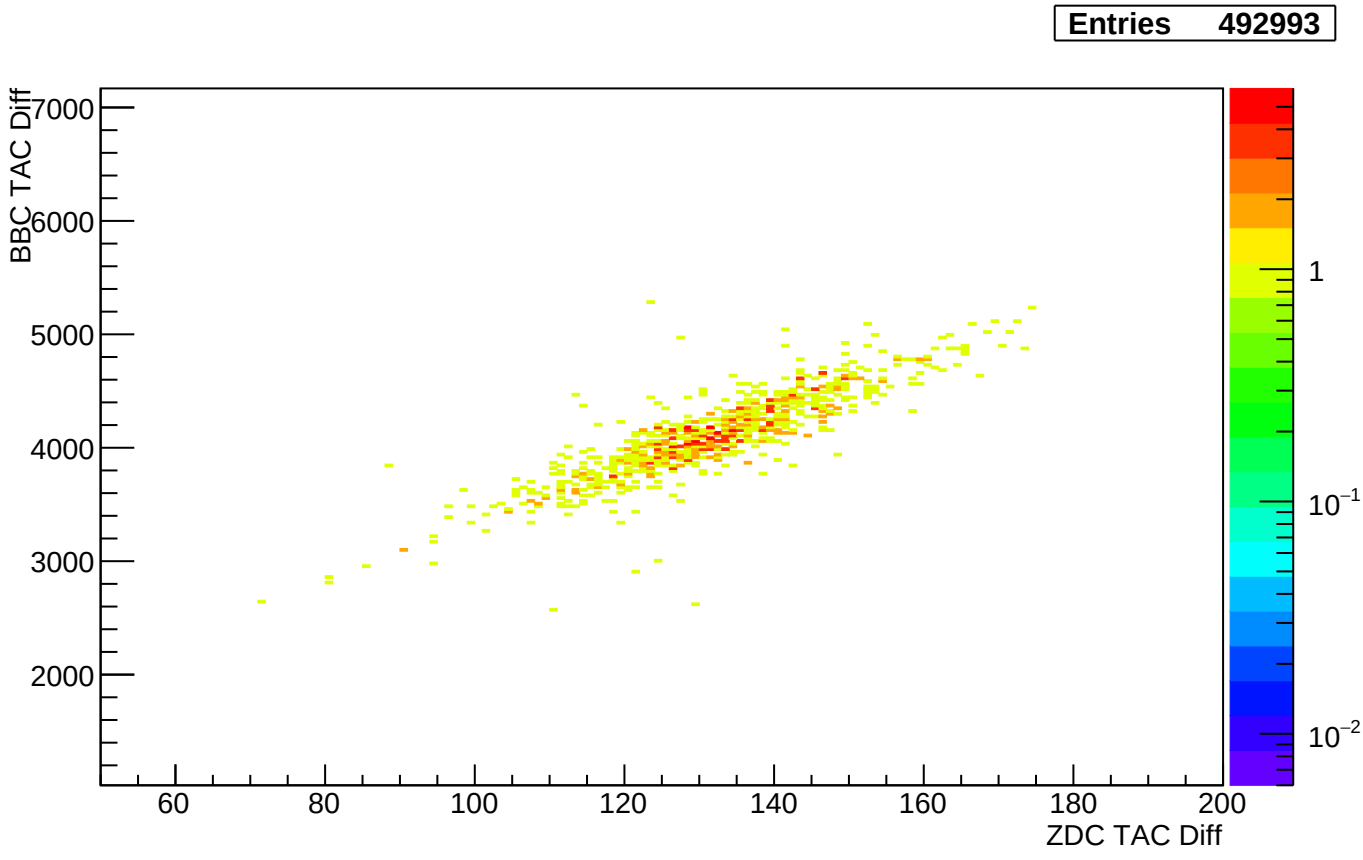

Entries 492993
TOF_Mult
EPD-West Hit Cnt

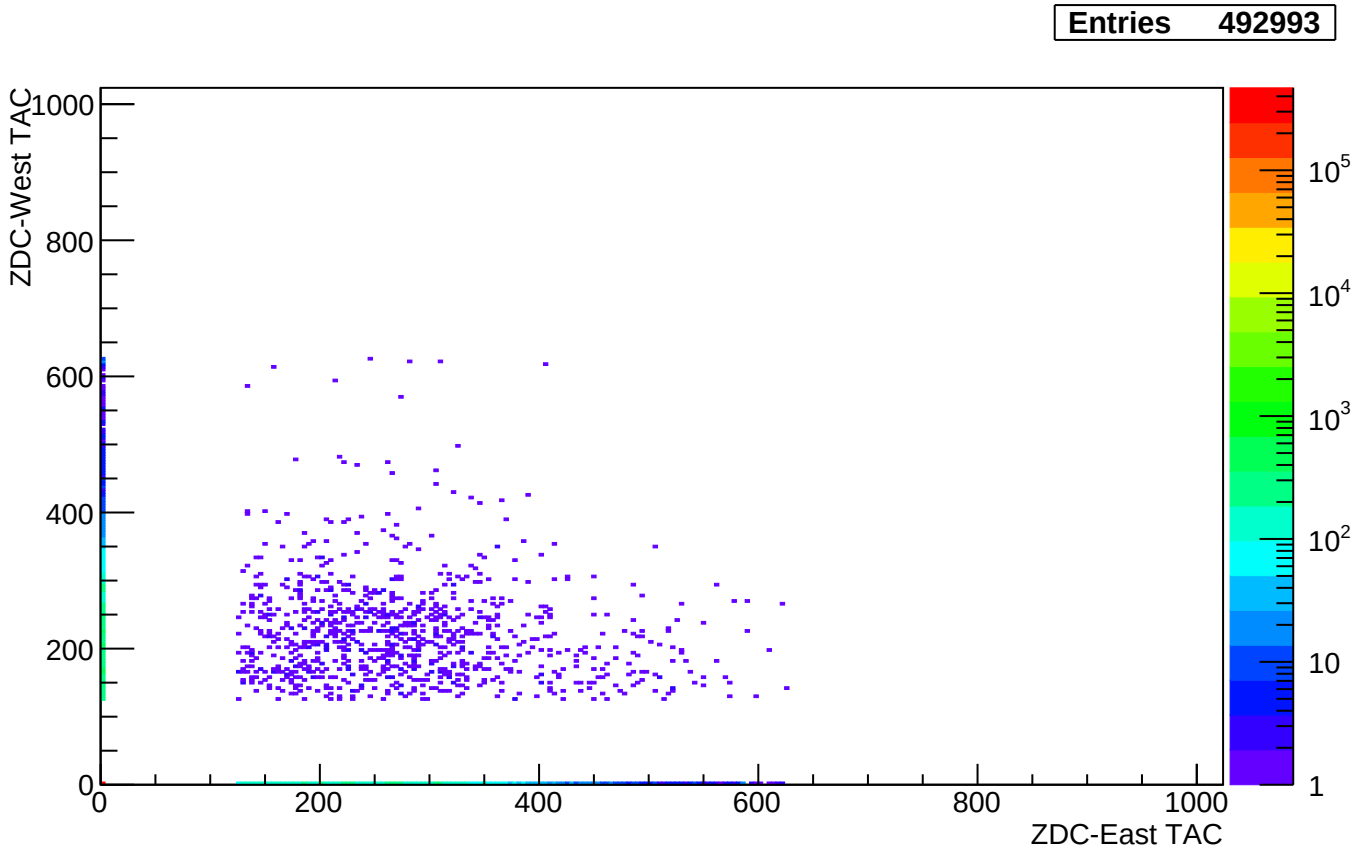

Entries 492993
TOF_Mult
VPD-East ADC Sum

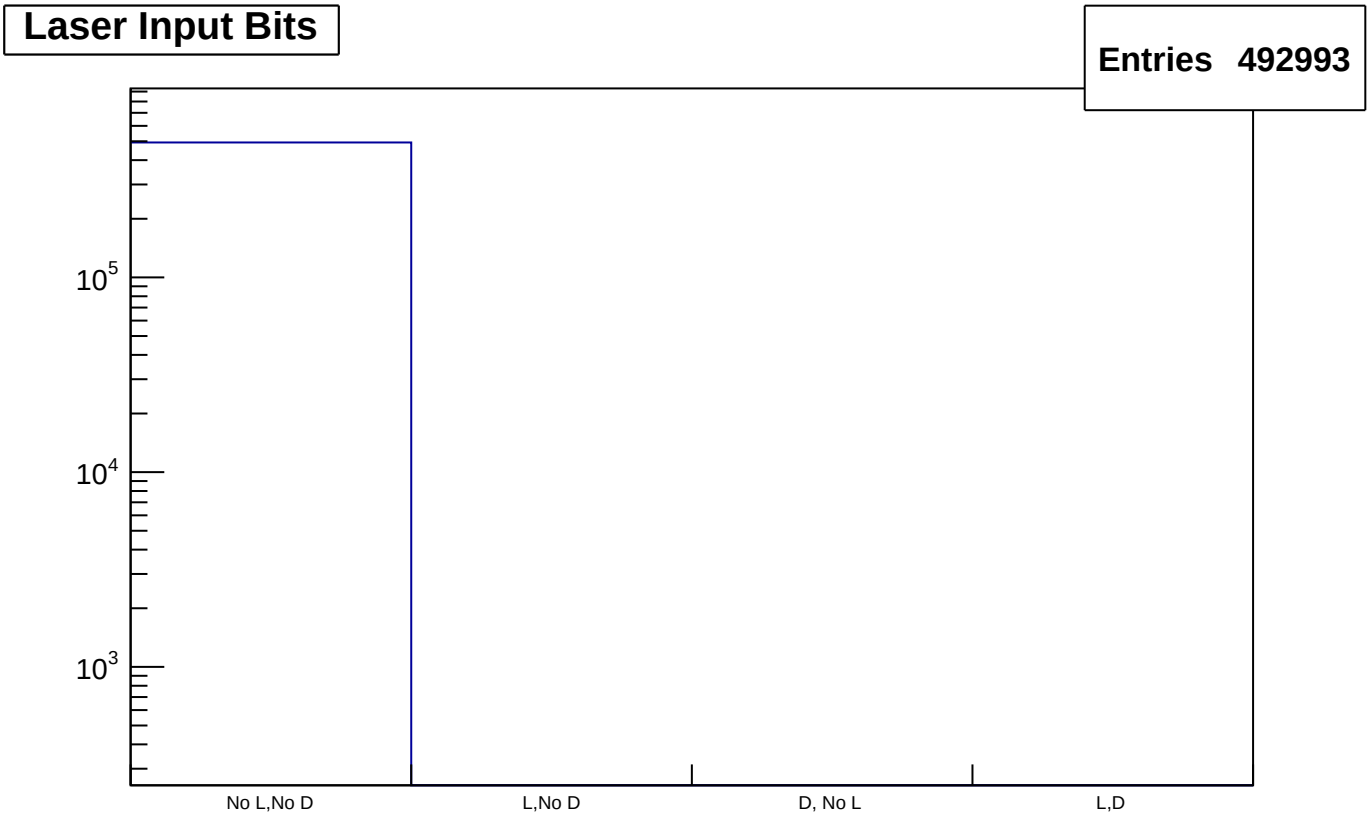

Entries 492993
TOF_Mult
VPD-West ADC Sum

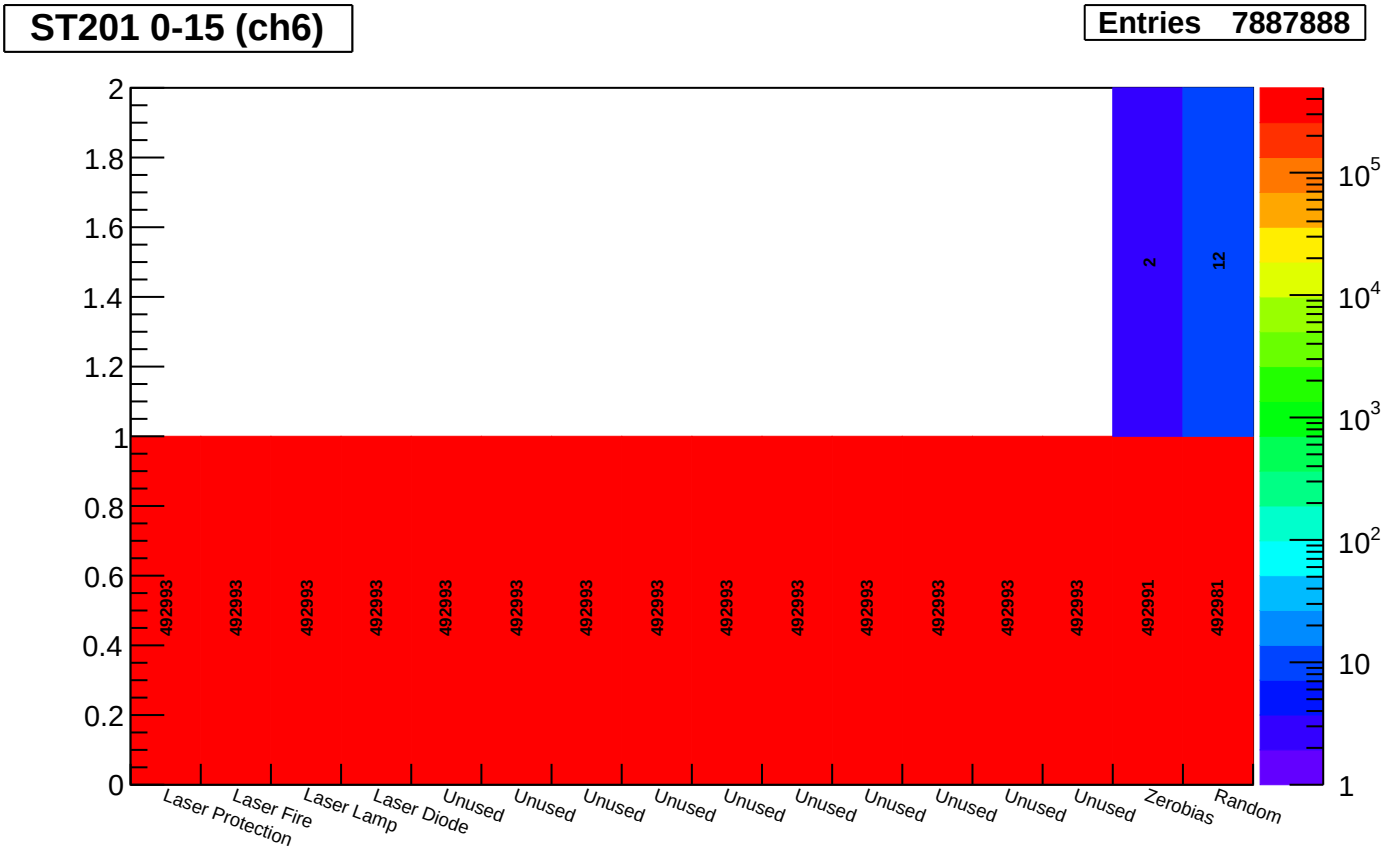

Entries 492993
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

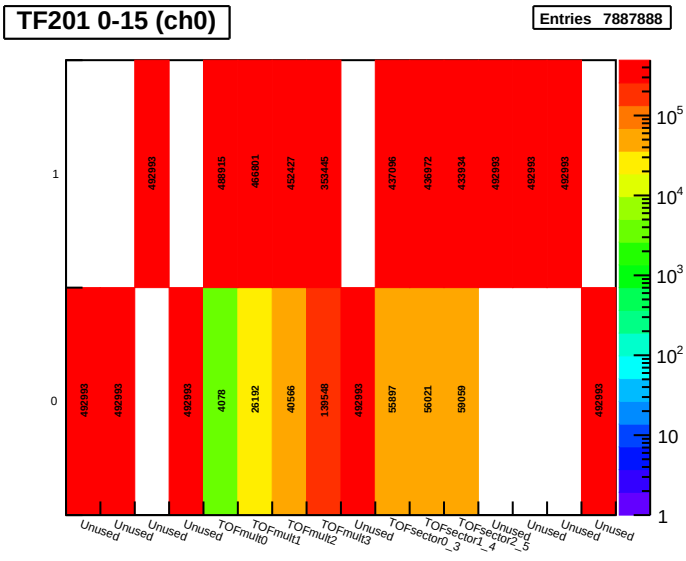

Entries 492993
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

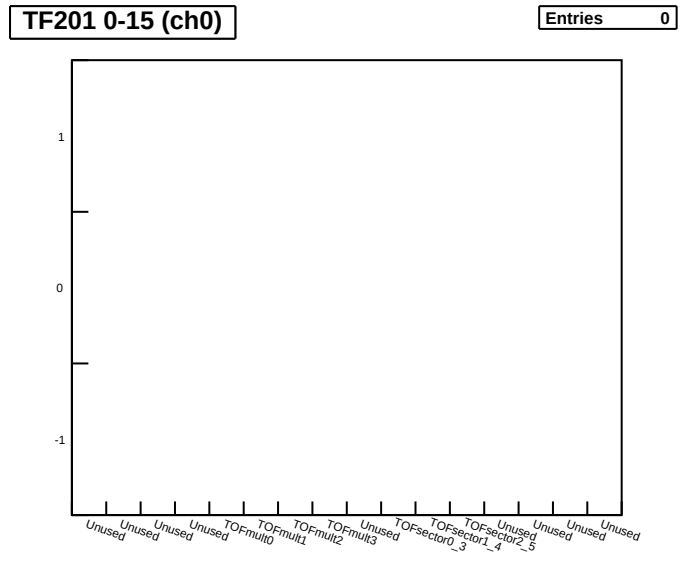

Entries 492993
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

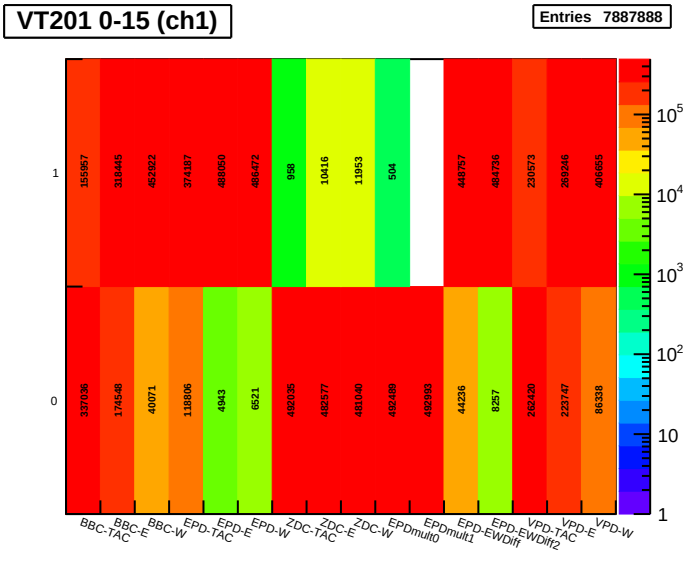

Entries 492993
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

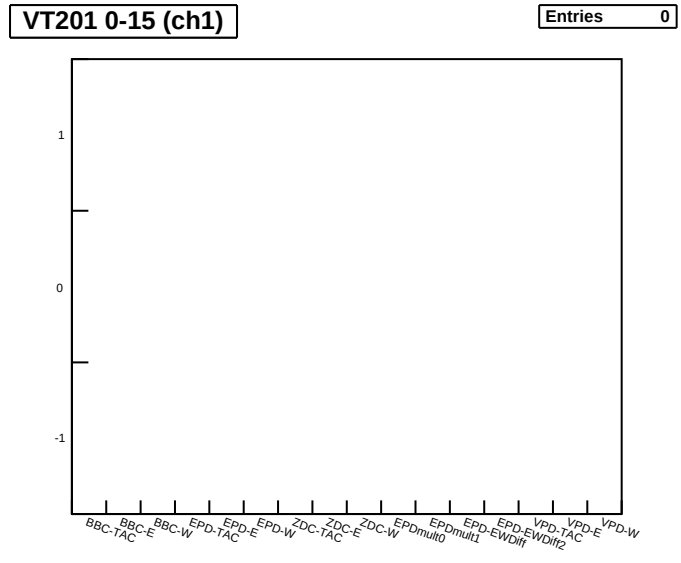

Laser Input Bits
Entries 492993
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

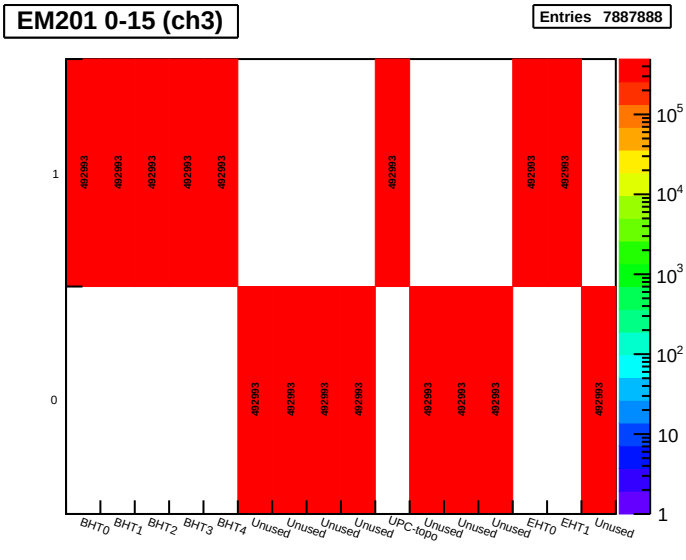

ST201 0-15 (ch6)
Entries 7887888
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
492993
492993
492993
492993
492993
492993
492993
492993
492993
492993
492993
492993
492993
492993
492991
492981
2
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

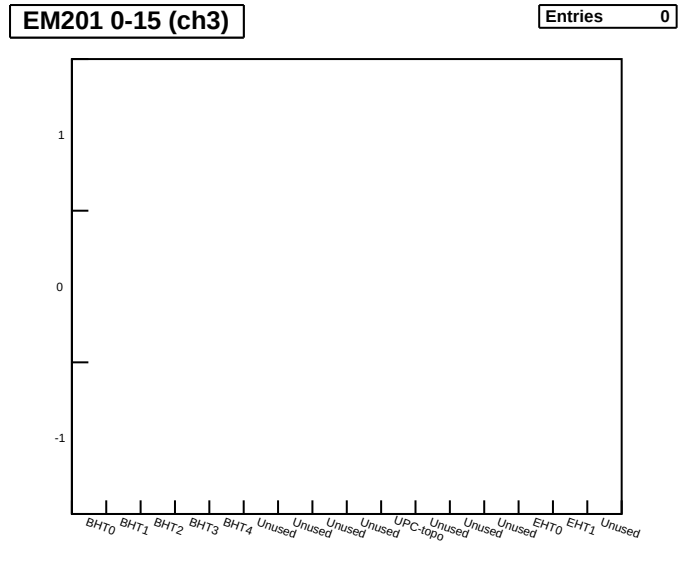

TF201 0-15 (ch0)
Entries 7887888
1
0
492993
492993
492993
492993
4078
26192
40566
139548
492993
55897
56021
59059
492993
488915
466601
452427
353445
437096
436972
433934
492993
492993
492993
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 7887888
1
0
337036
174548
40071
118806
4943
6521
492035
482577
481040
492489
492993
44236
8257
262420
223747
86338
155957
318445
452922
374187
480050
486472
958
10416
11953
504
448757
484736
230573
269246
406655
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 7887888
1
0
492993
492993
492993
492993
492993
492993
492993
492993
492993
492993
492993
492993
492993
492993
492993
492993
492993
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