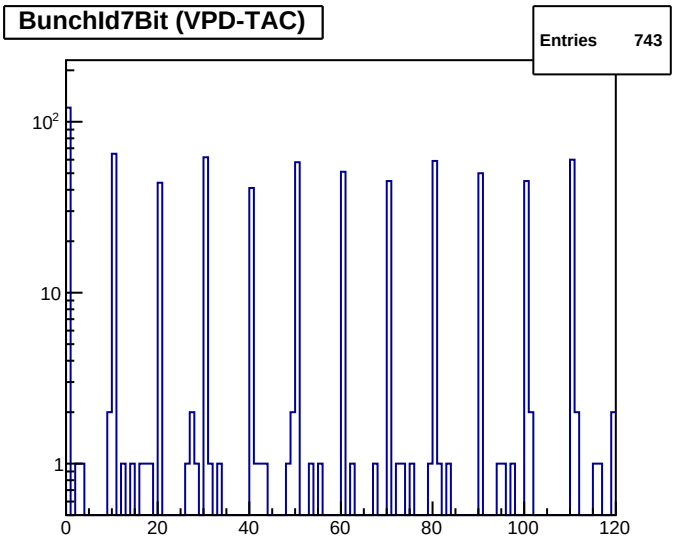
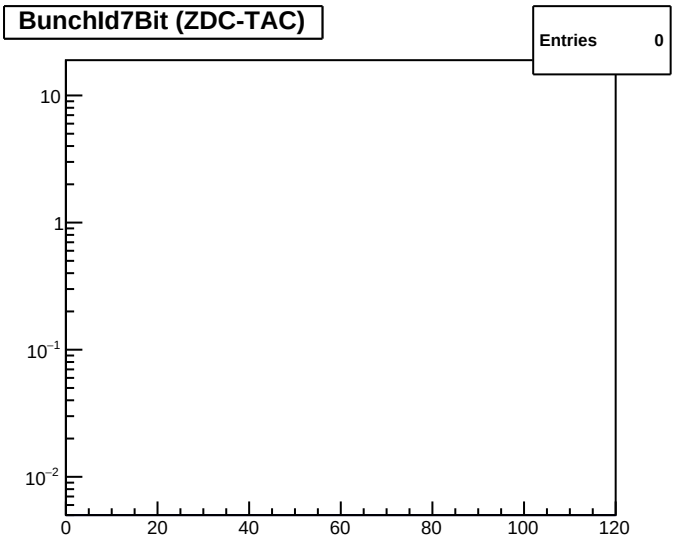
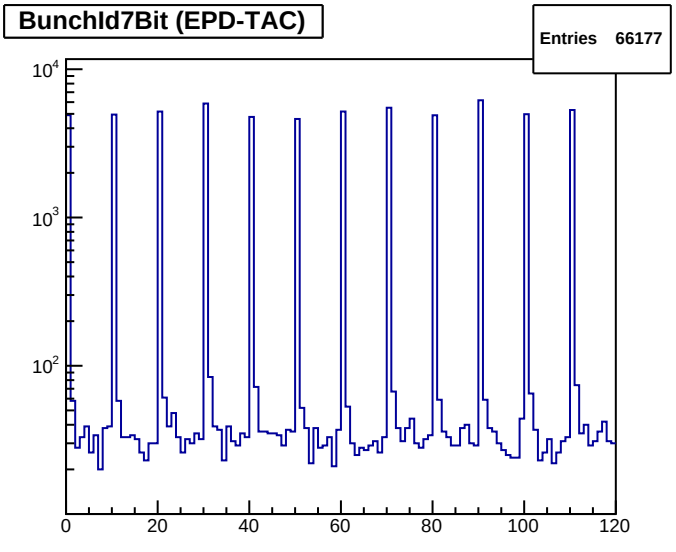
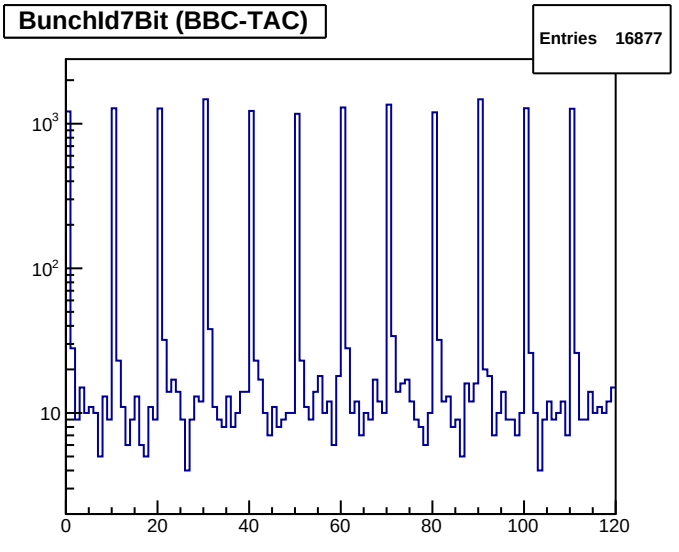
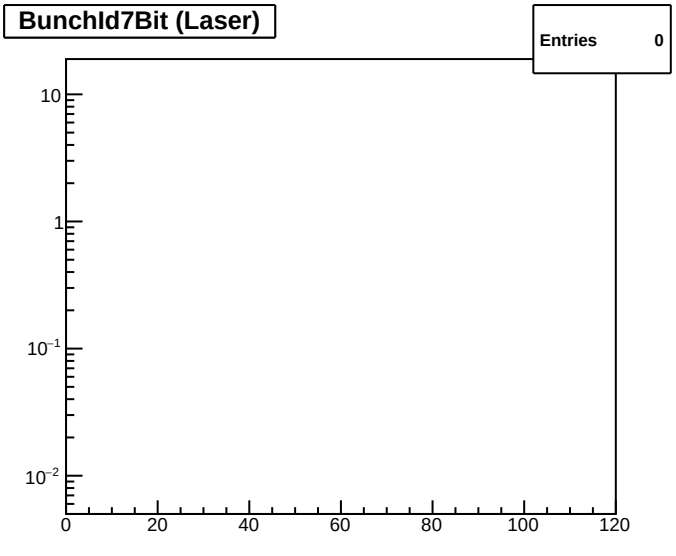
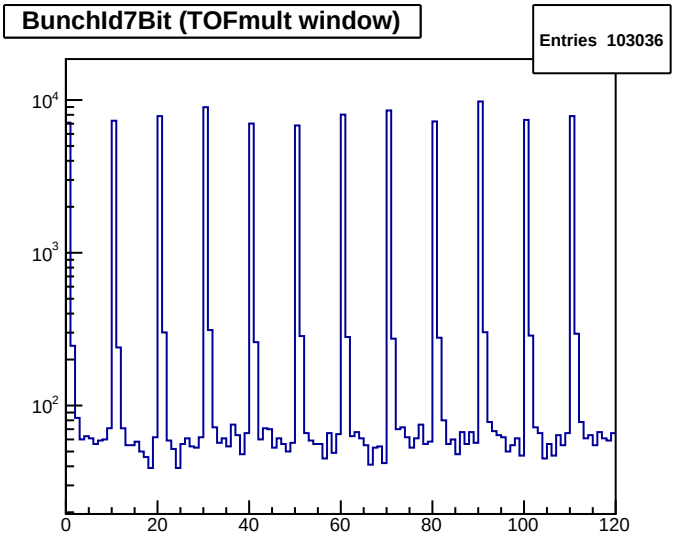

BunchId7Bit (VPD-TAC)
Entries 743

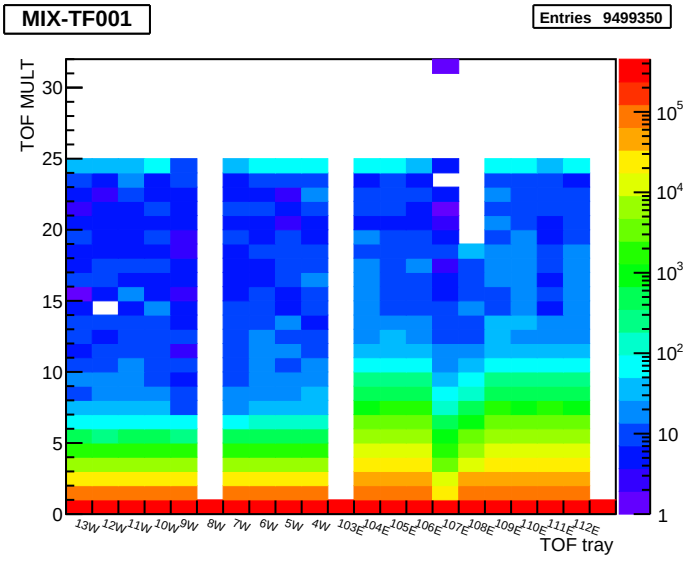

BunchId7Bit (ZDC-TAC)
Entries 0

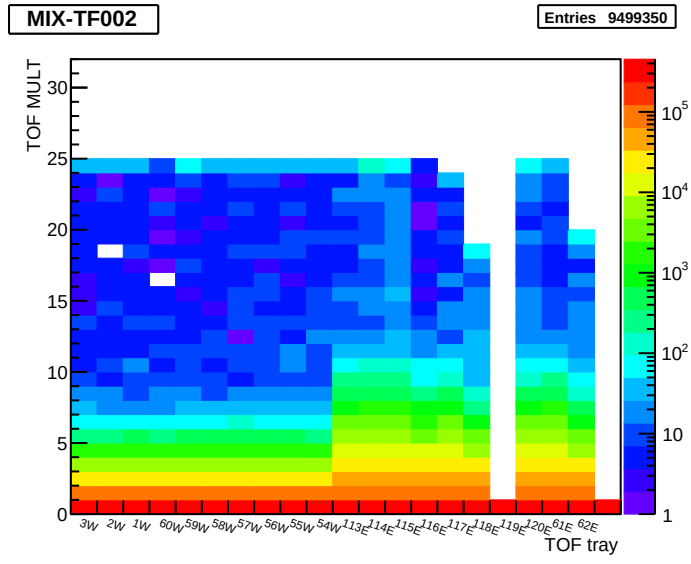

BunchId7Bit (EPD-TAC)
Entries 66177

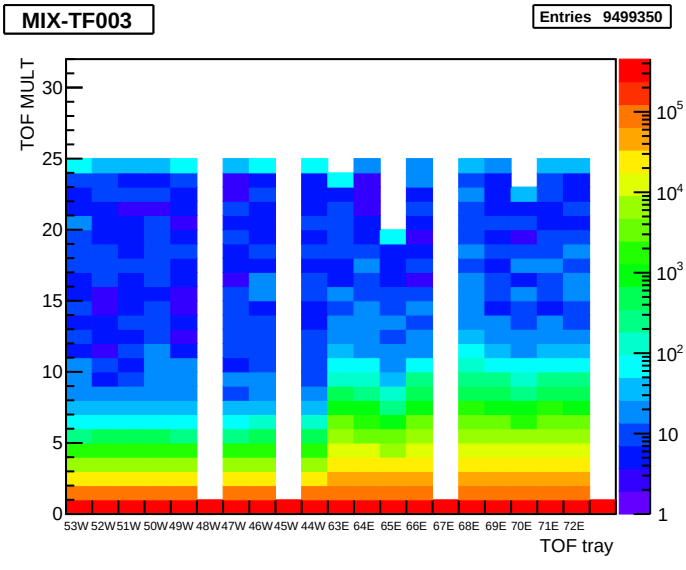

BunchId7Bit (BBC-TAC)
Entries 16877

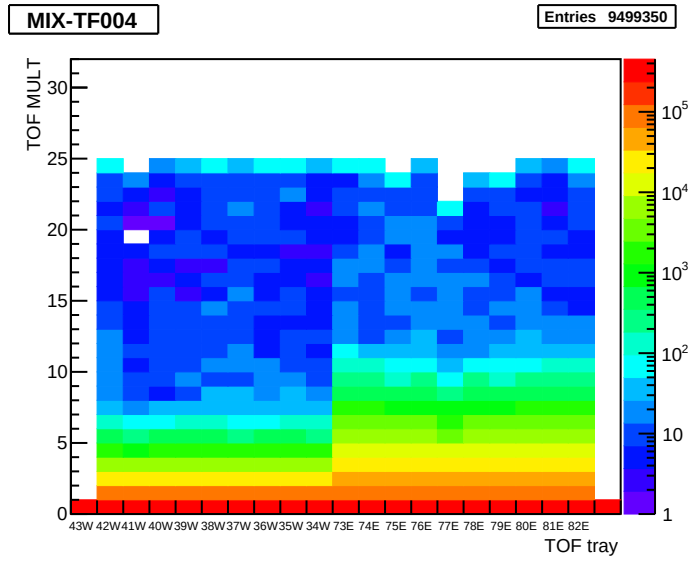

BunchId7Bit (Laser)
Entries 0

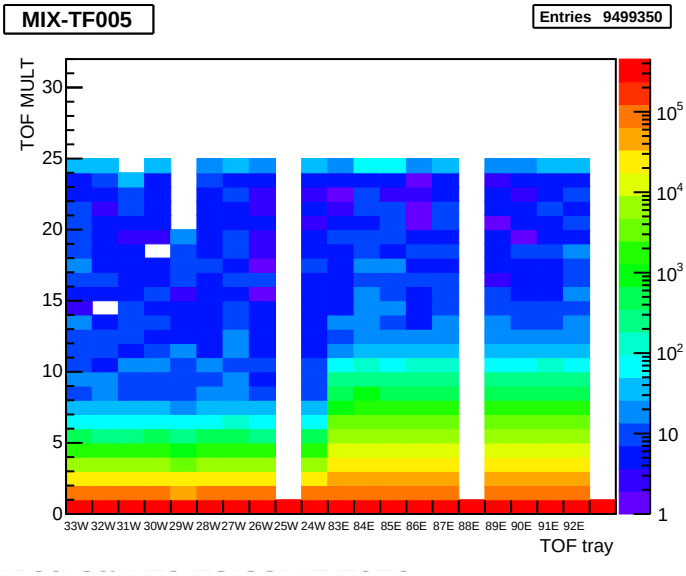

BunchId7Bit (TOFmult window)
Entries 103036

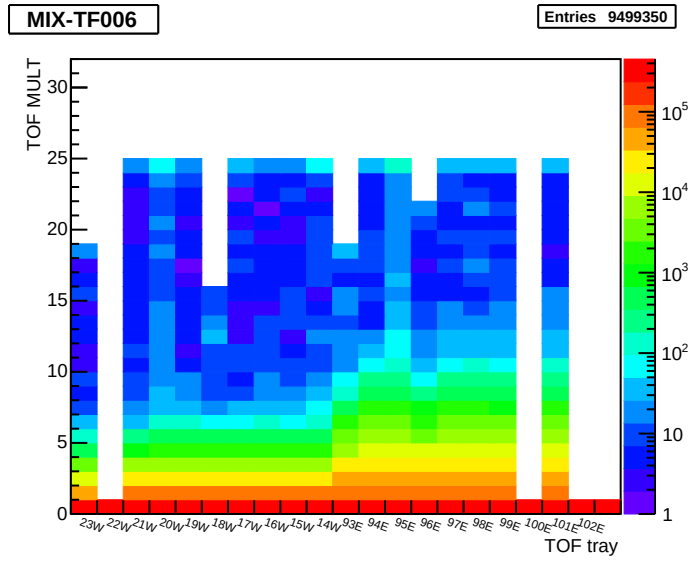

MIX-TF001
Entries 9499350
TOF MULT
TOF tray

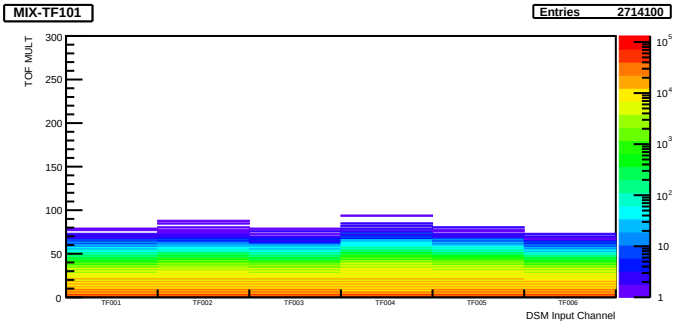

MIX-TF002
Entries 9499350
TOF MULT
TOF tray

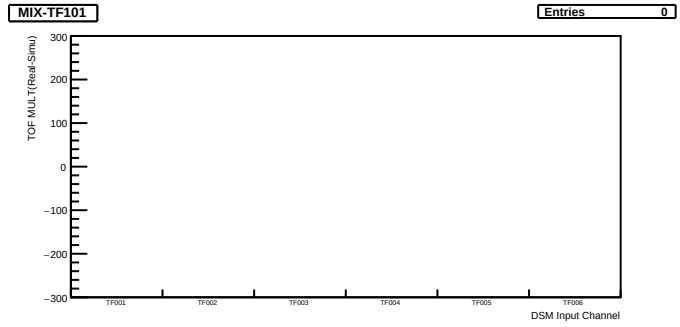

MIX-TF003
Entries 9499350
TOF MULT
TOF tray

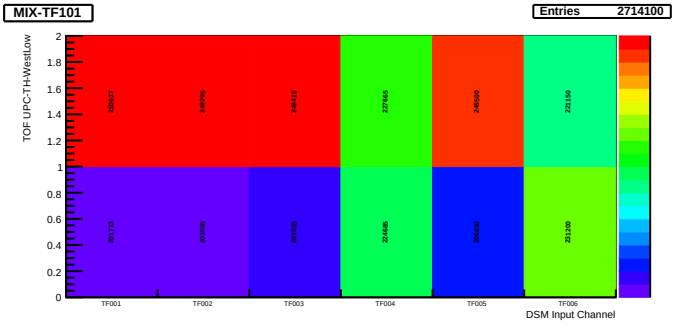

MIX-TF004
Entries 9499350
TOF MULT
TOF tray

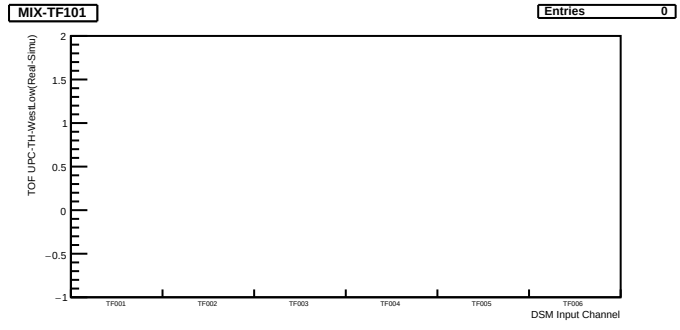

MIX-TF005
Entries 9499350
TOF MULT
TOF tray

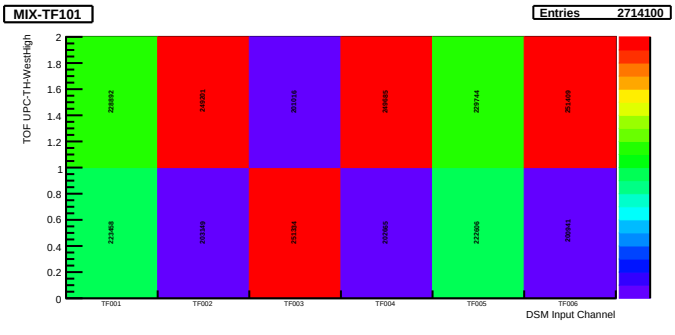

MIX-TF006
Entries 9499350
TOF MULT
TOF tray

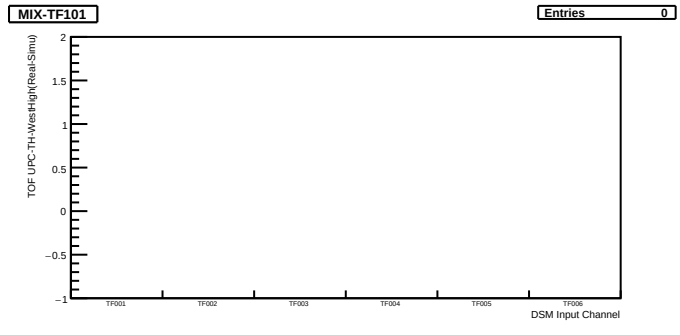

MIX-TF101
Entries 2714100
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

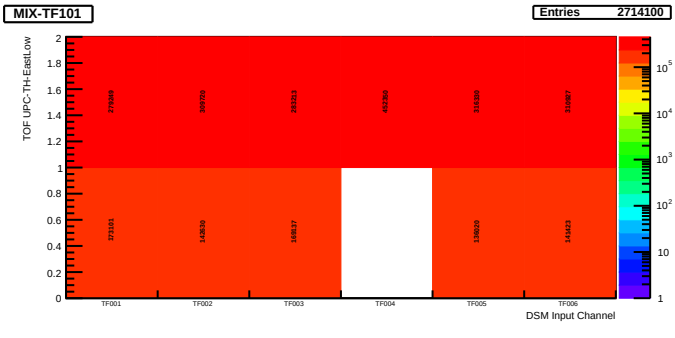

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

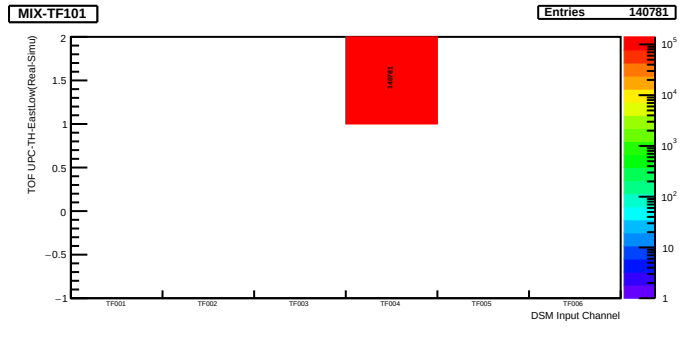

MIX-TF101
Entries 2714100
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

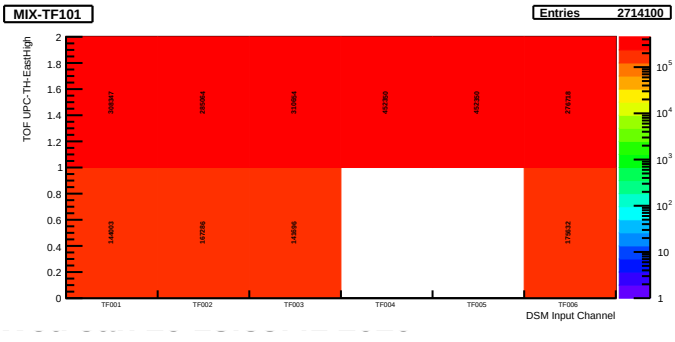

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

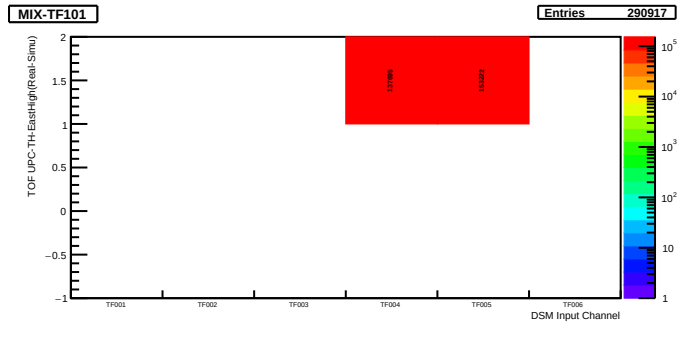

MIX-TF101
Entries 2714100
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

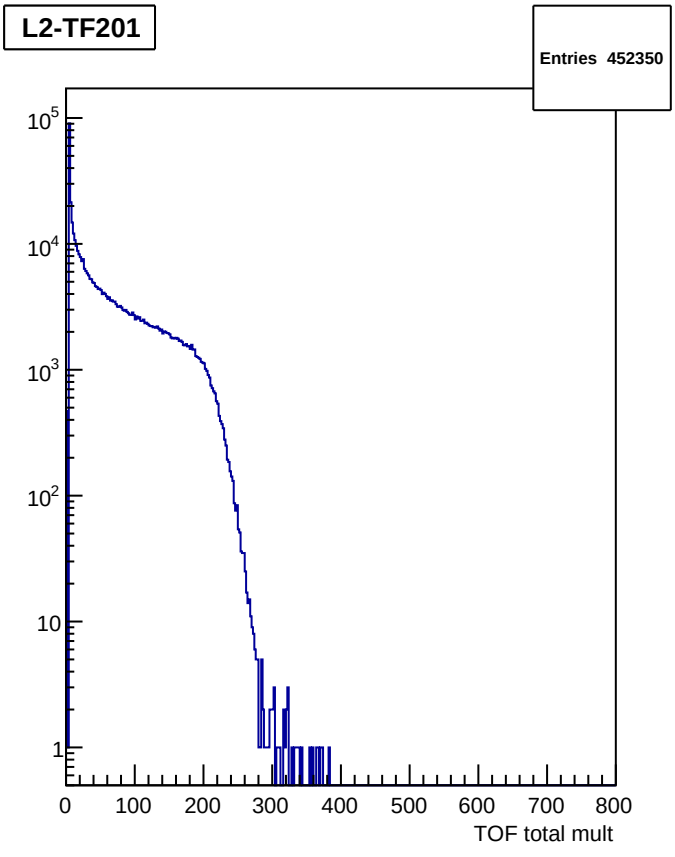

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

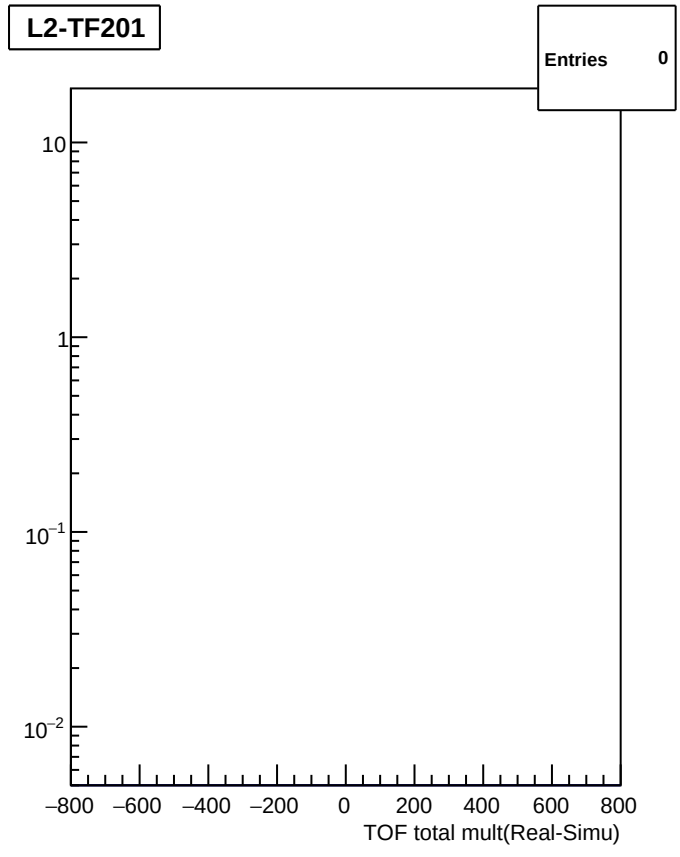

MIX-TF101
Entries 2714100
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

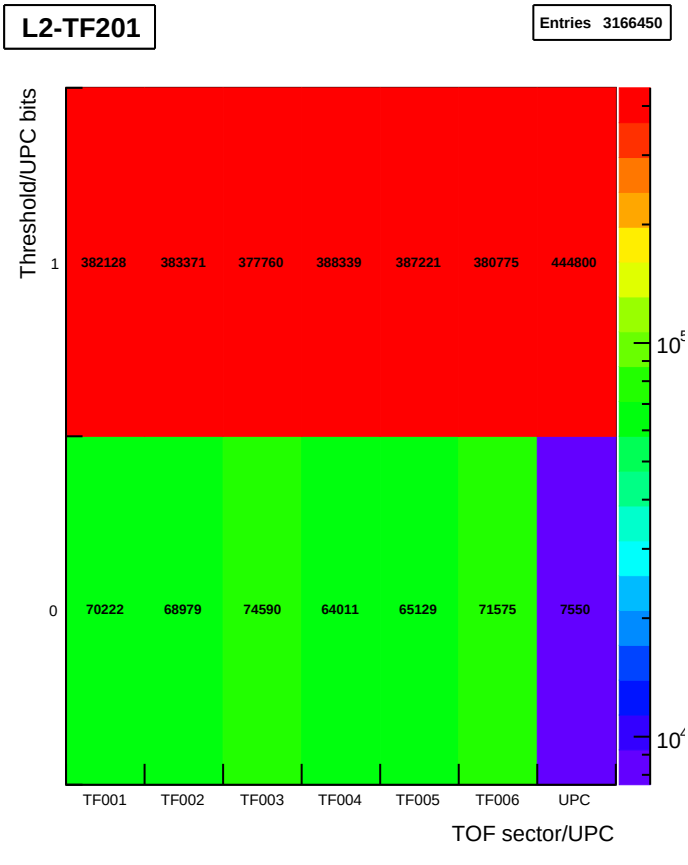

MIX-TF101
Entries 140781
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

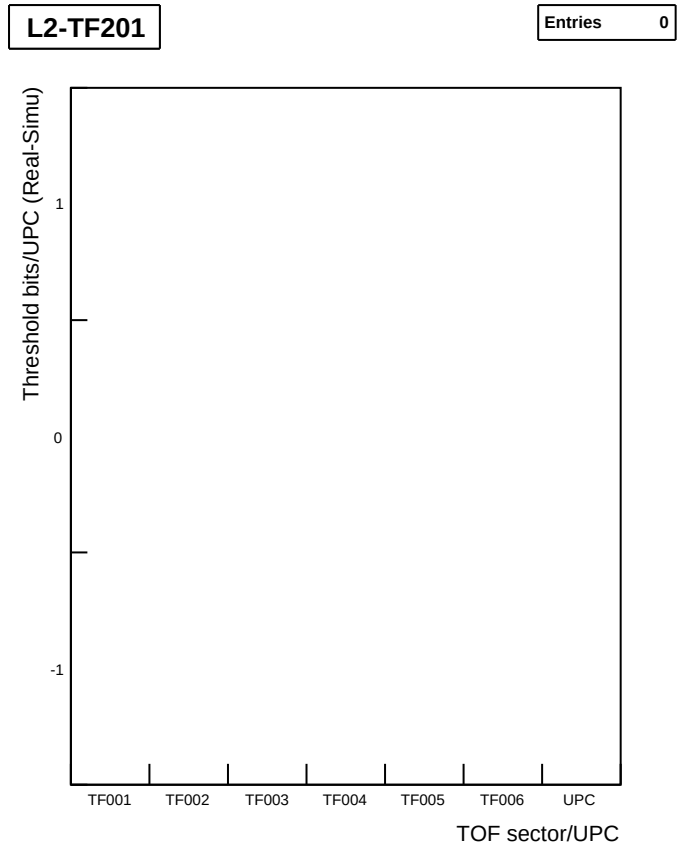

MIX-TF101
Entries 2714100
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

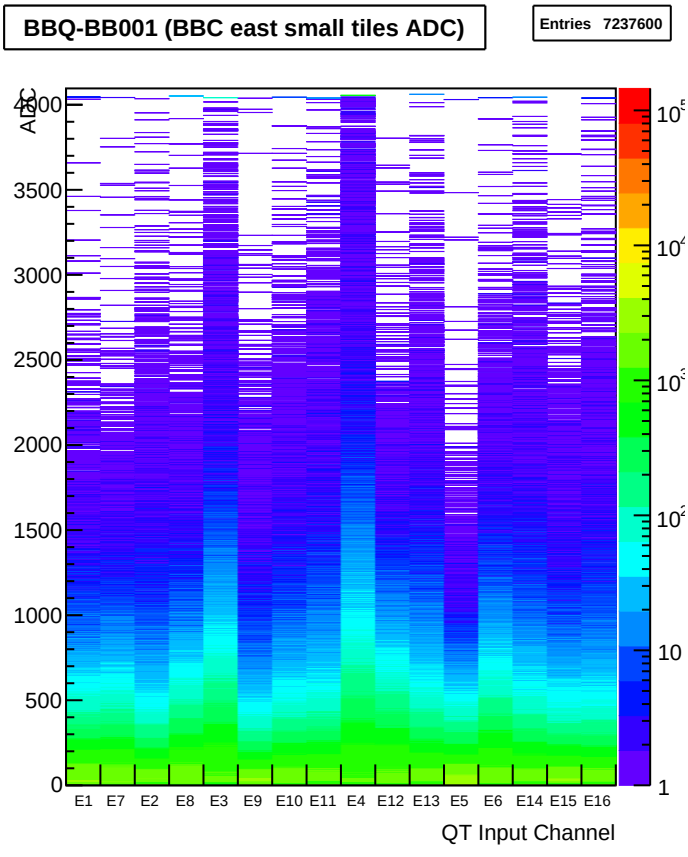

MIX-TF101
Entries 290917
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

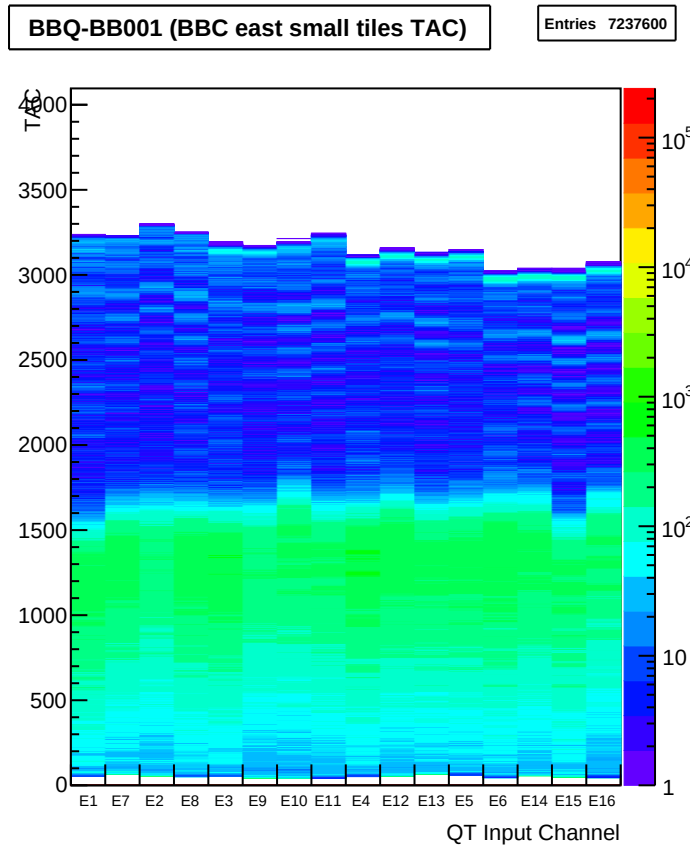

L2-TF201
Entries 452350
TOF total mult

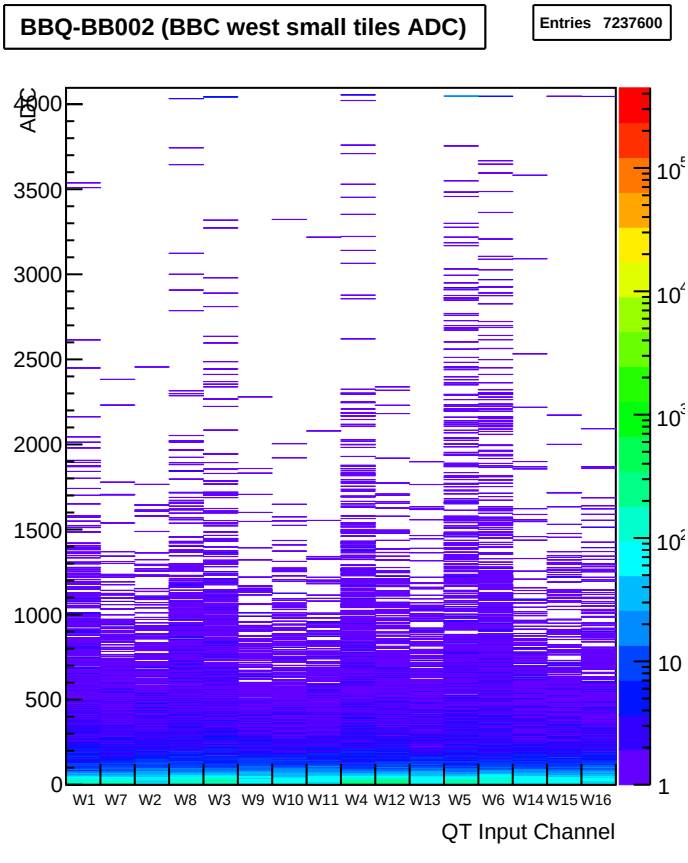

L2-TF201
Entries 0
TOF total mult(Real-Simu)

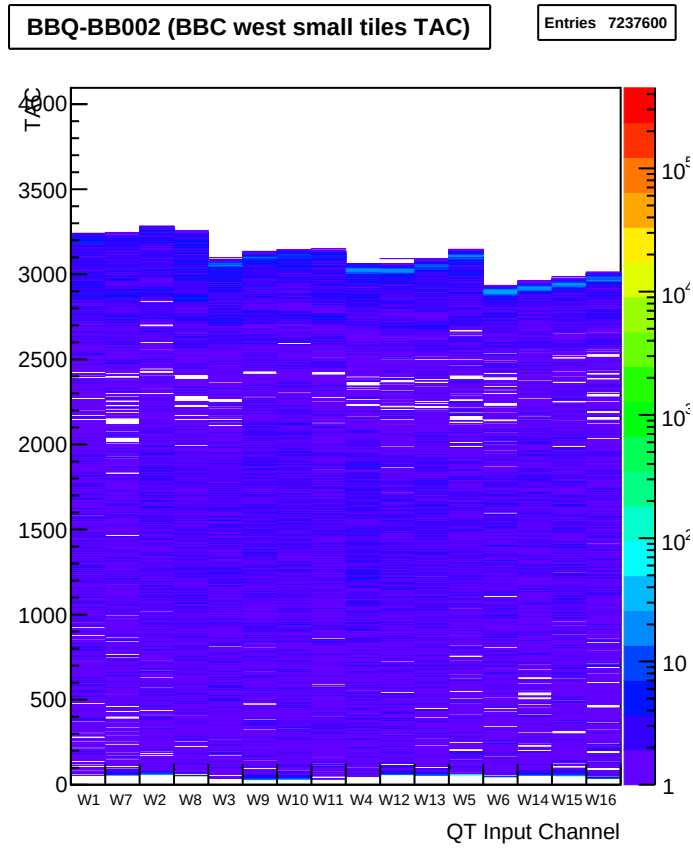

L2-TF201
Entries 3166450
Threshold/UPC bits
382128
383371
377760
388339
387221
380775
444800
70222
68979
74590
64011
65129
71575
7550
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

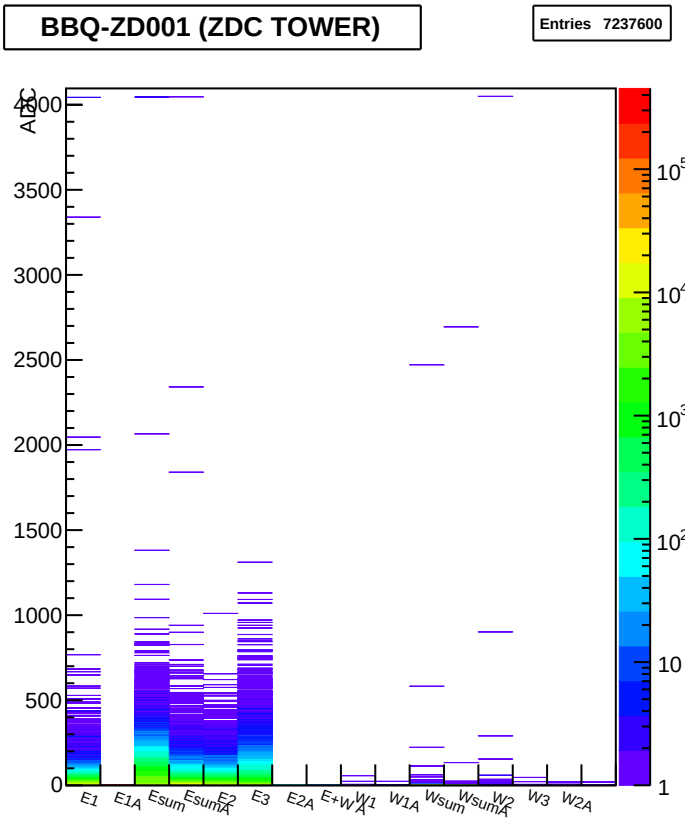

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

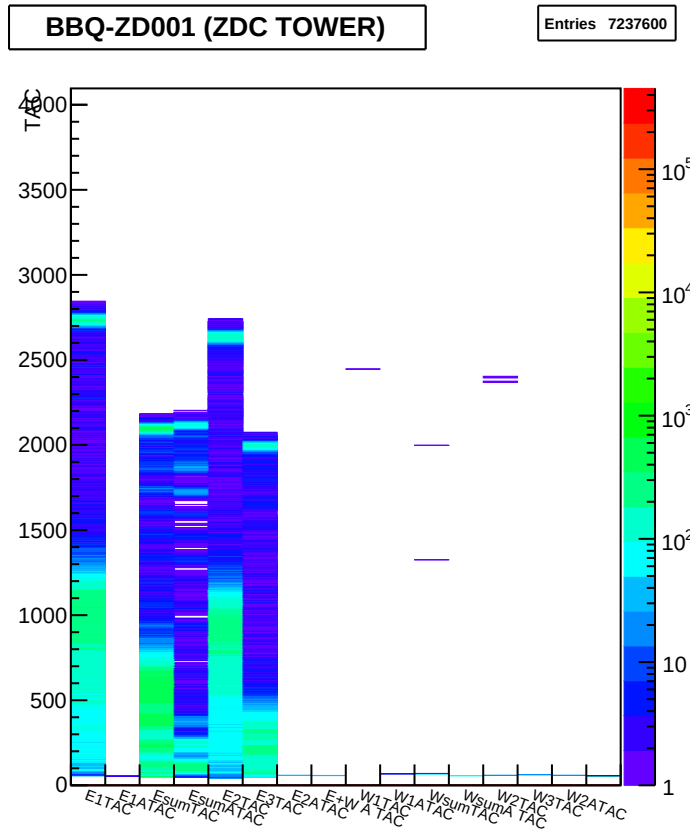

BBQ-BB001 (BBC east small tiles ADC)
Entries 7237600
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

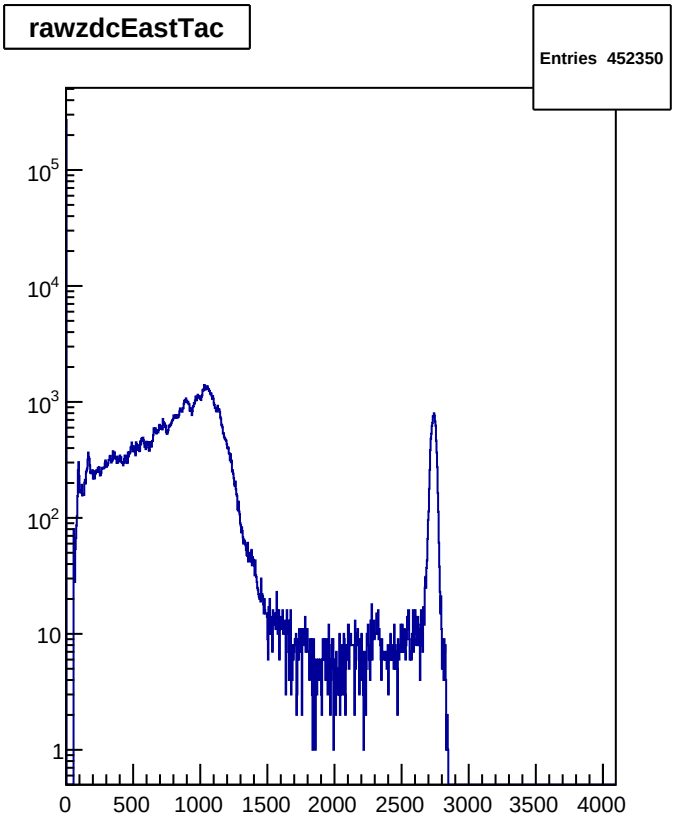

BBQ-BB001 (BBC east small tiles TAC)
Entries 7237600
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

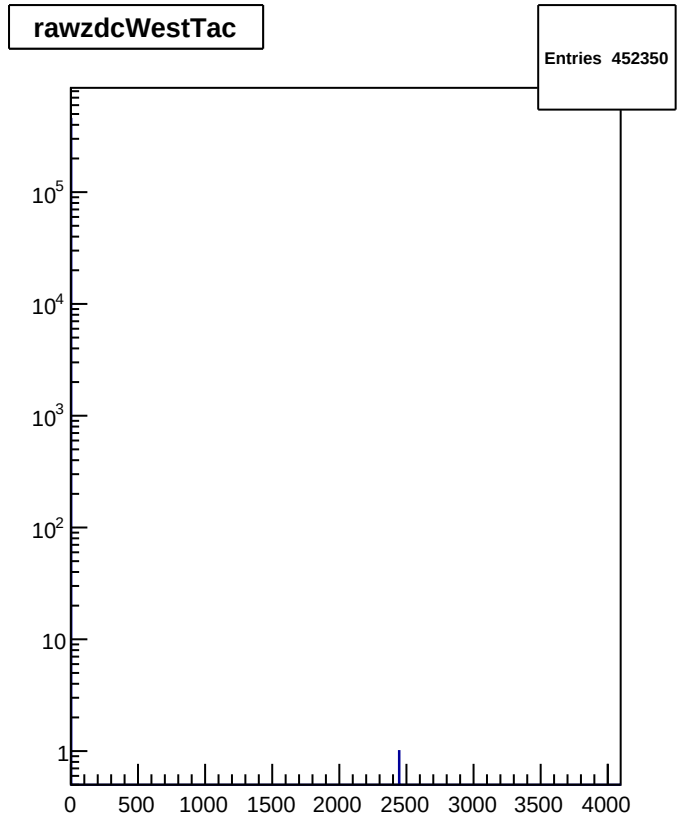

BBQ-BB002 (BBC west small tiles ADC)
Entries 7237600
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

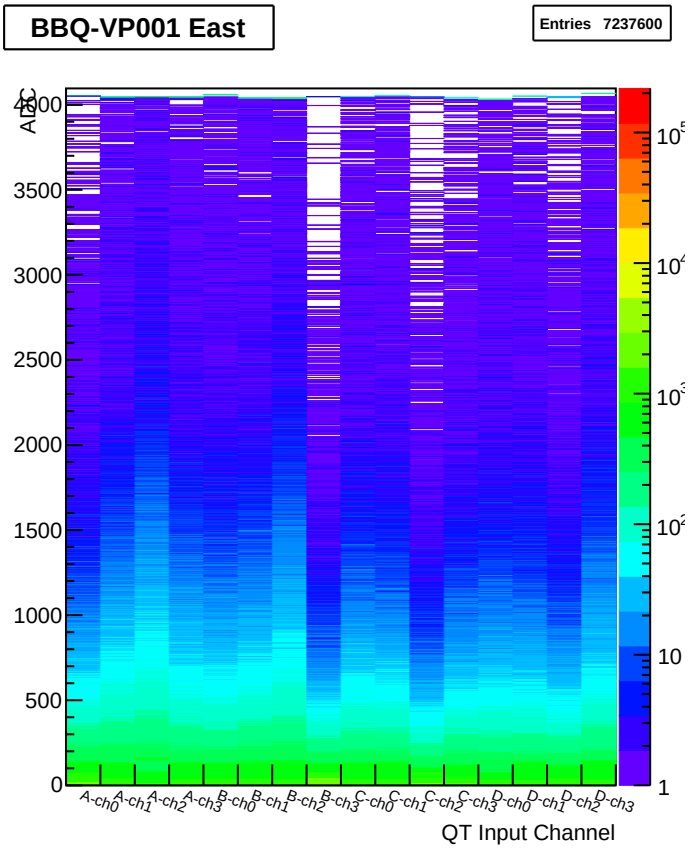

BBQ-BB002 (BBC west small tiles TAC)
Entries 7237600
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

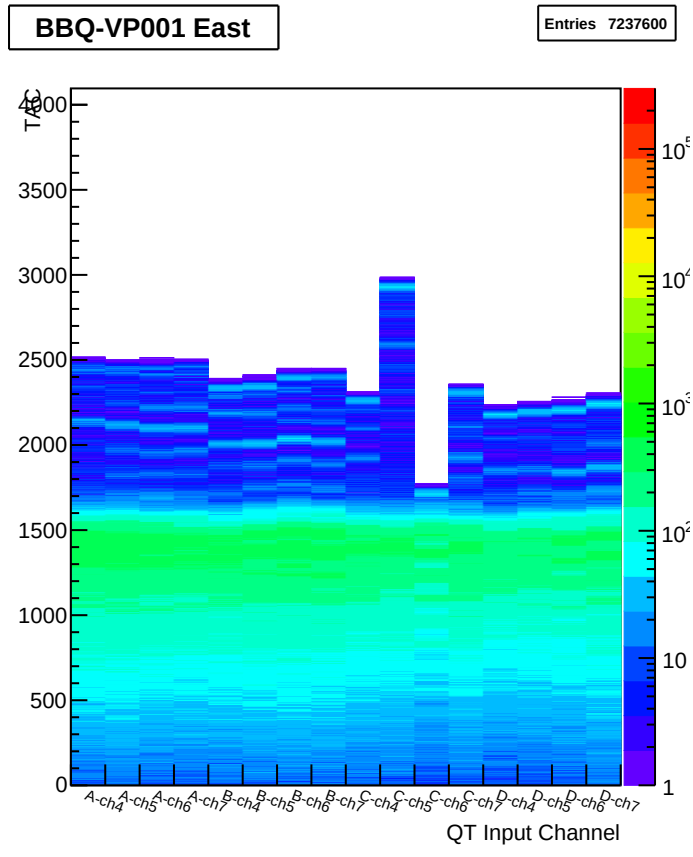

BBQ-ZD001 (ZDC TOWER)
Entries 7237600
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

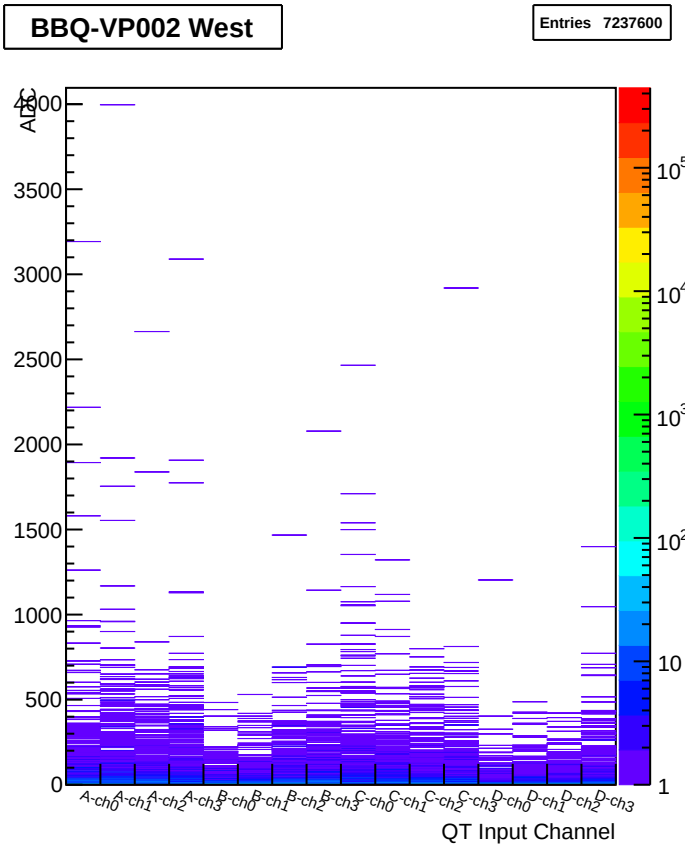

BBQ-ZD001 (ZDC TOWER)
Entries 7237600
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumATAC
W2TAC
W3TAC
W2ATAC

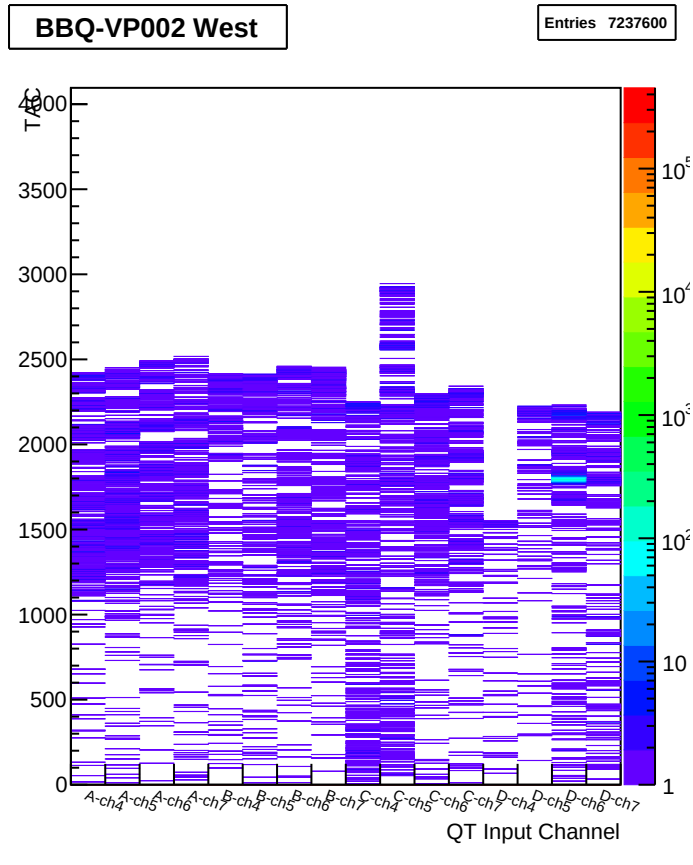

rawzdcEastTac
Entries 452350

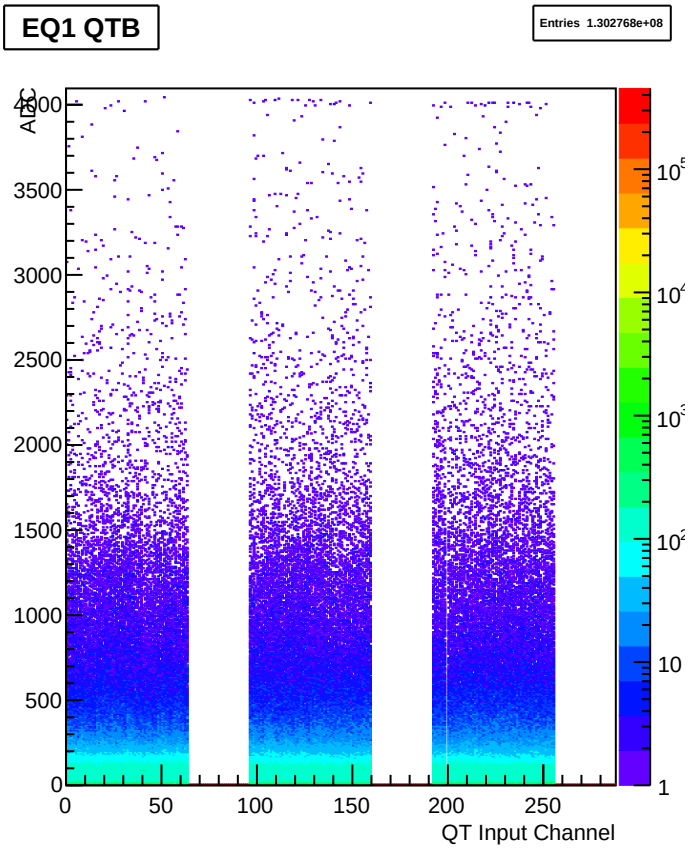

rawzdcWestTac
Entries 452350

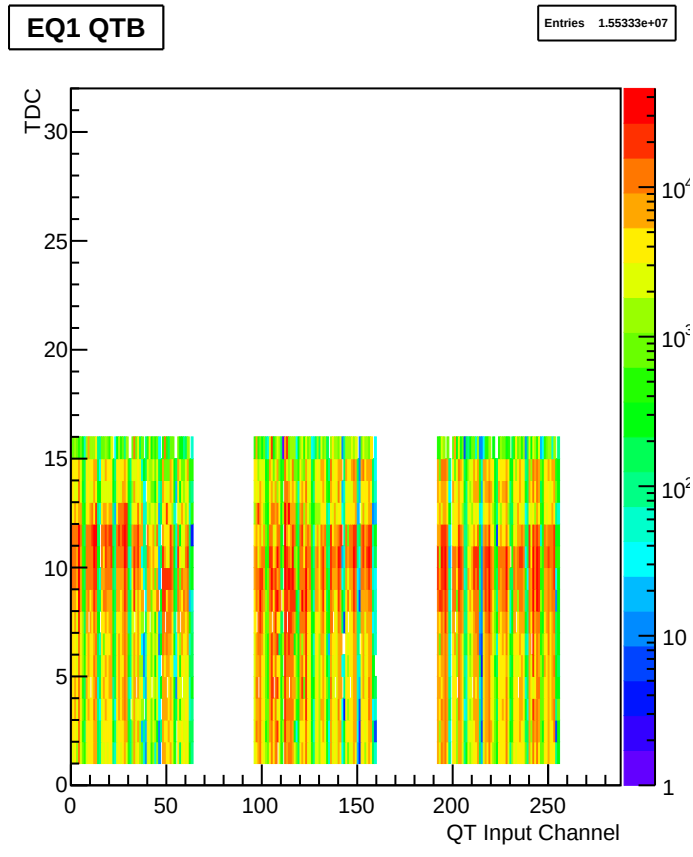

BBQ-VP001 East
Entries 7237600
ADC
QT Input Channel

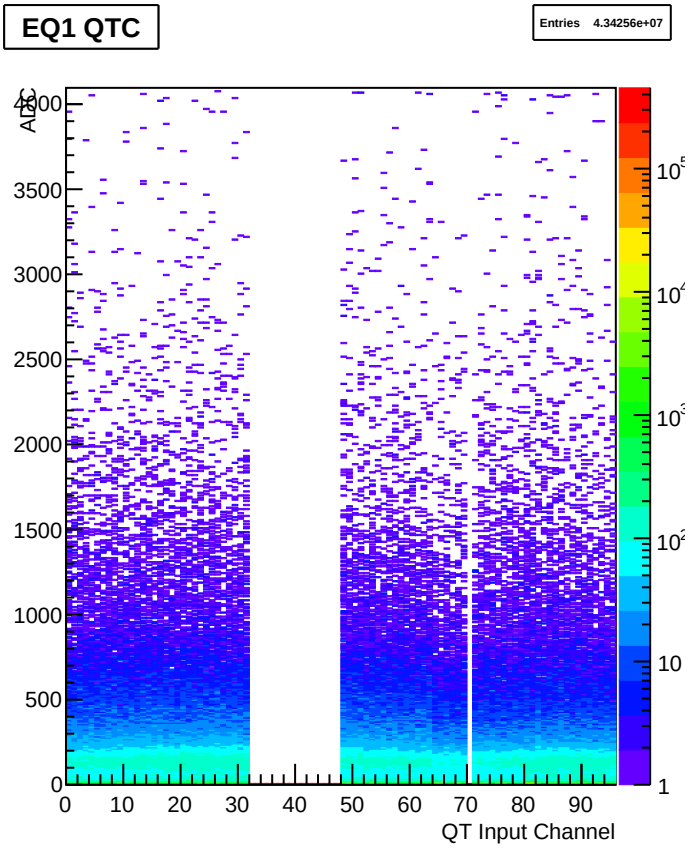

BBQ-VP001 East
Entries 7237600
TADC
QT Input Channel

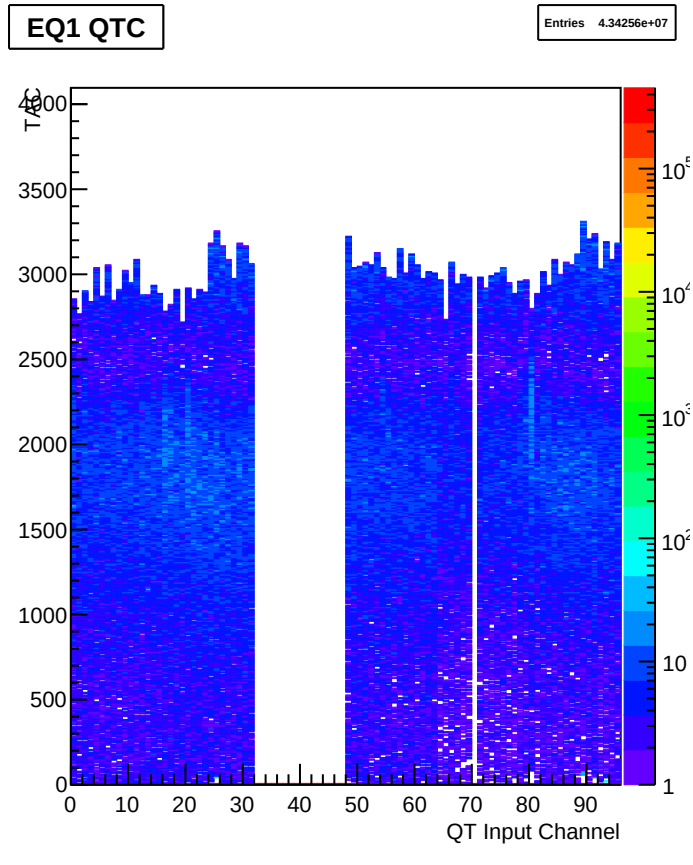

BBQ-VP002 West
Entries 7237600
ADC
QT Input Channel

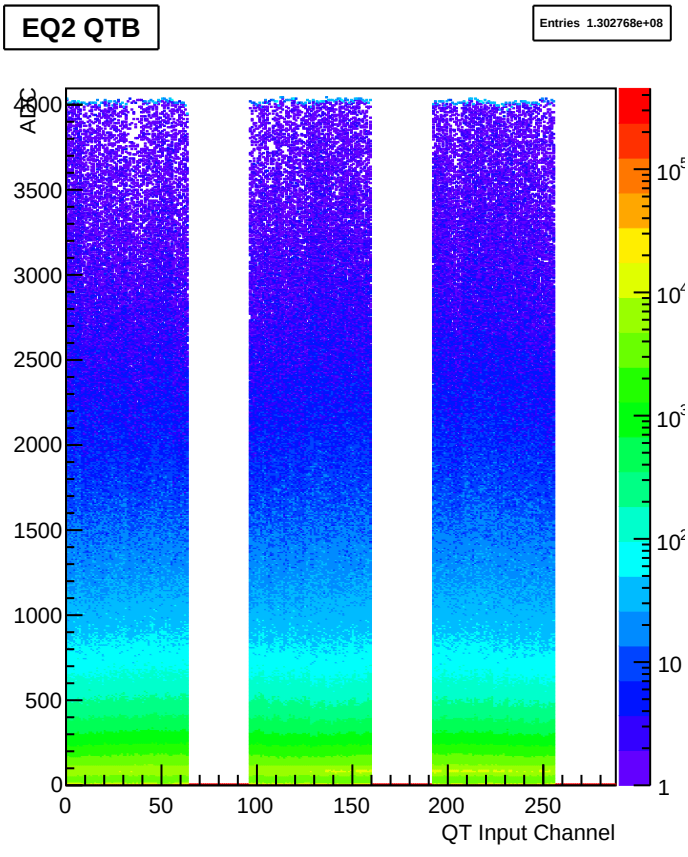

BBQ-VP002 West
Entries 7237600
TADC
QT Input Channel

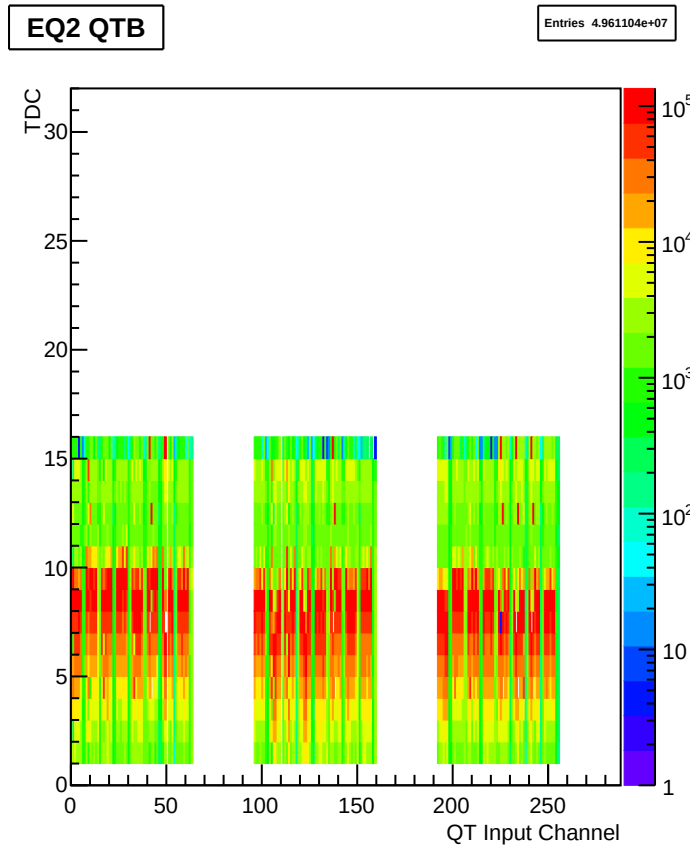

EQ1 QTB
Entries 1.302768e+08
ADC
QT Input Channel

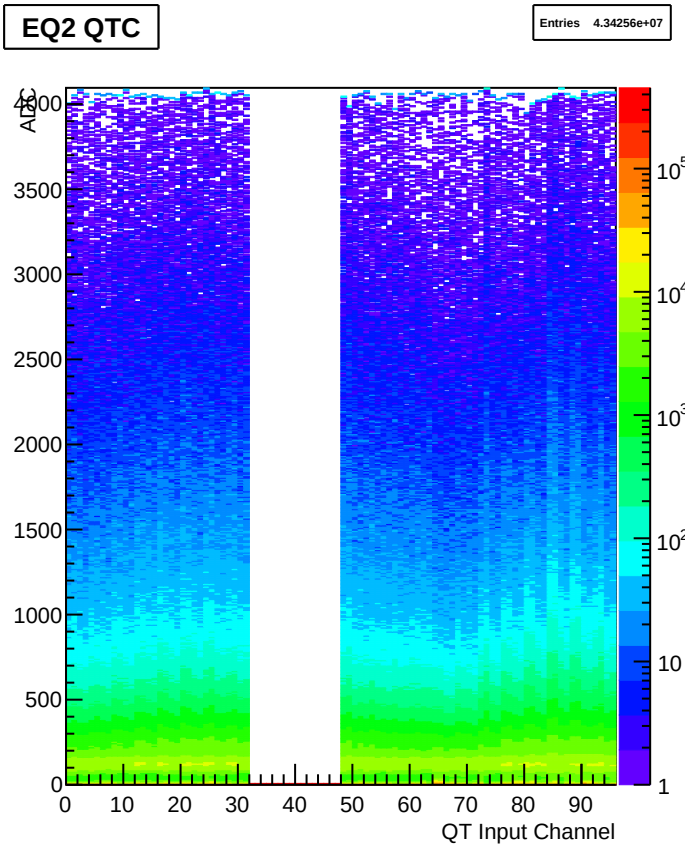

EQ1 QTB
Entries 1.55333e+07
TDC
QT Input Channel

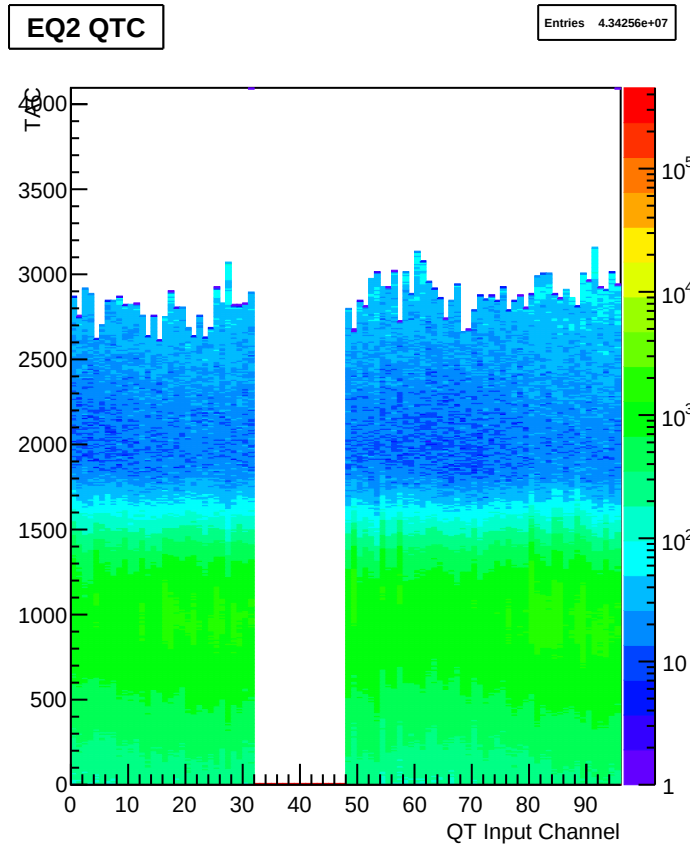

EQ1 QTC
Entries 4.34256e+07
ADC
QT Input Channel

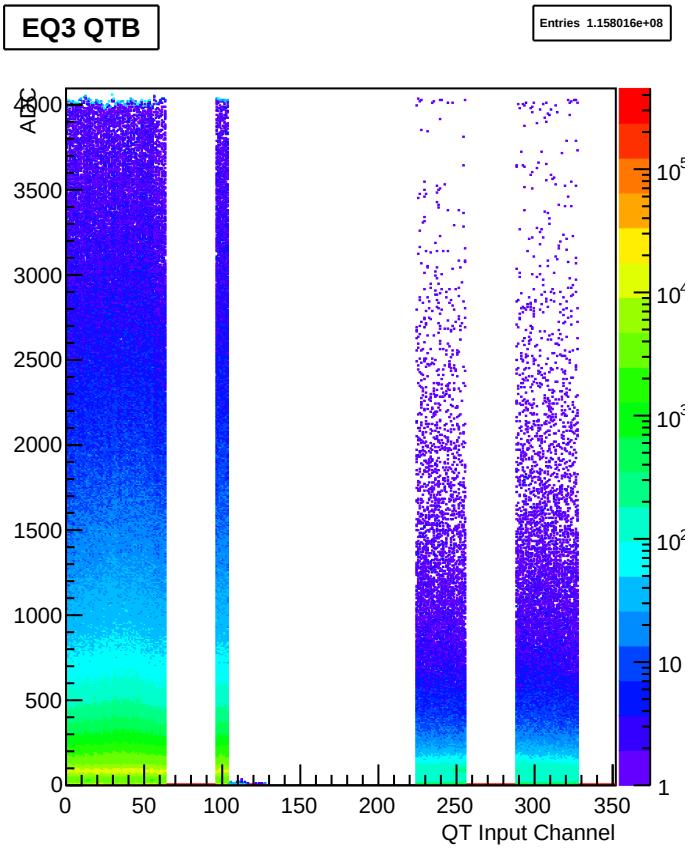

EQ1 QTC
Entries 4.34256e+07
TADC
QT Input Channel

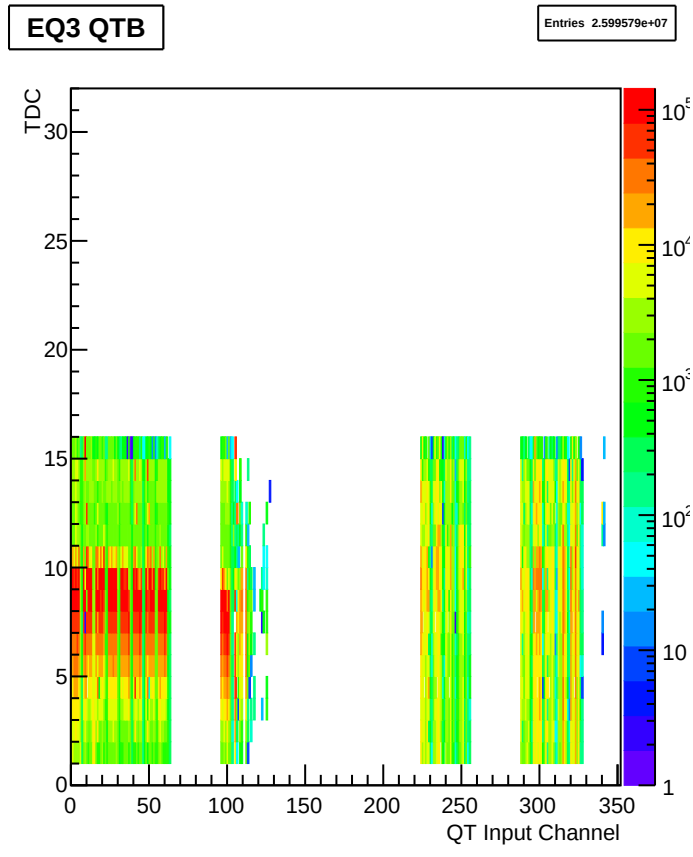

EQ2 QTB
Entries 1.302768e+08
ADC
QT Input Channel

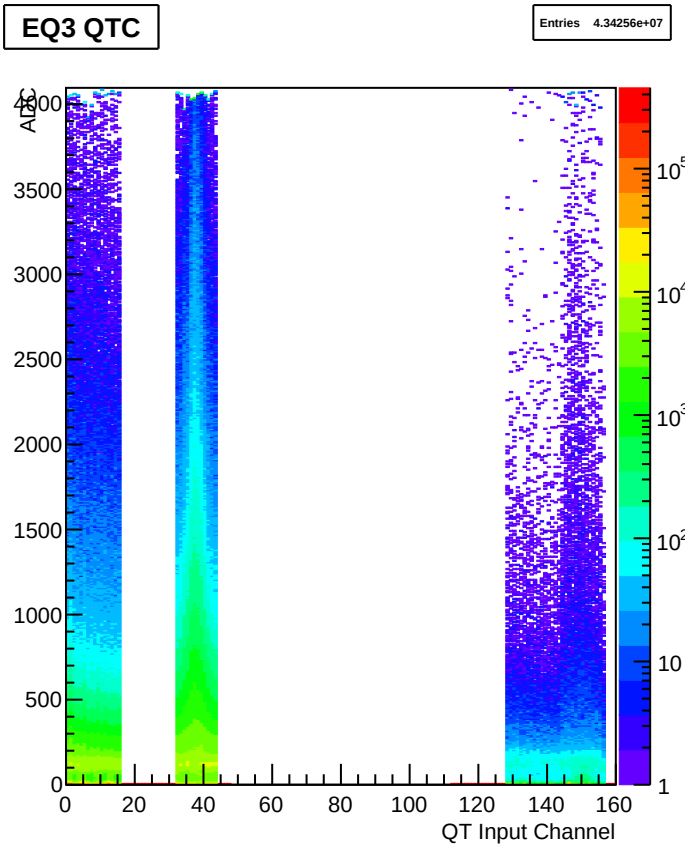

EQ2 QTB
Entries 4.961104e+07
TDC
QT Input Channel

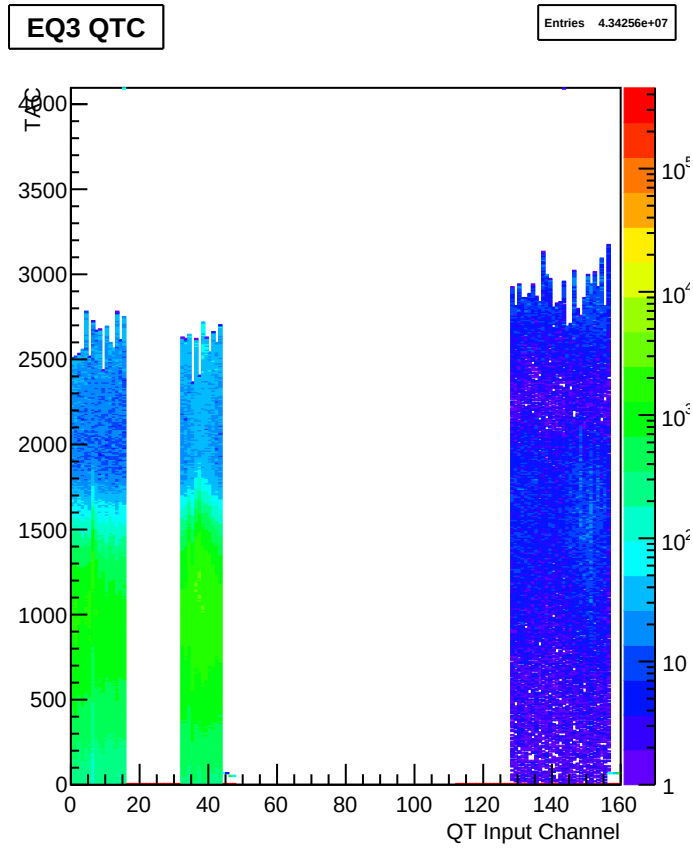

EQ2 QTC
Entries 4.34256e+07
ADC
QT Input Channel

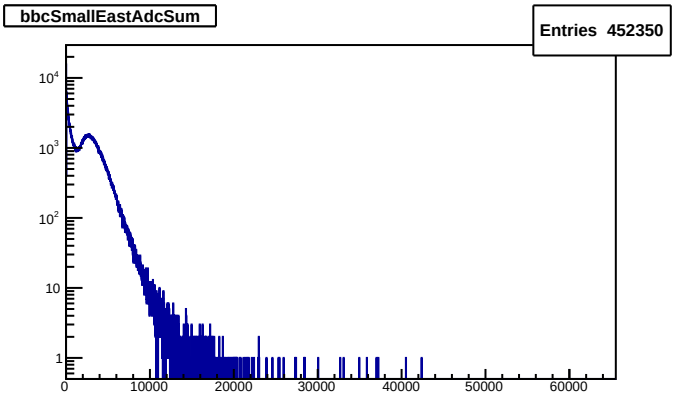

EQ2 QTC
Entries 4.34256e+07
TADC
QT Input Channel

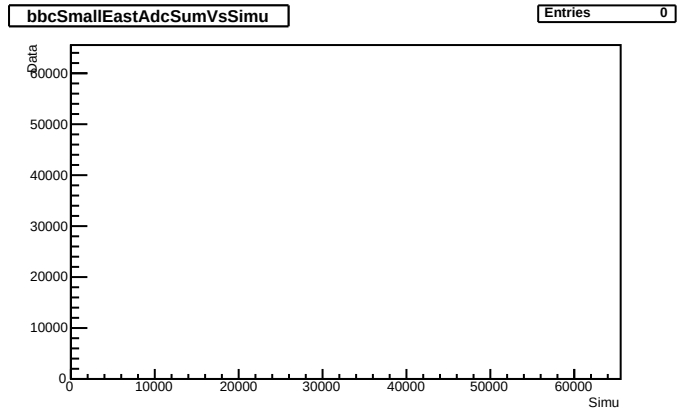

EQ3 QTB
Entries 1.158016e+08
ADC
QT Input Channel

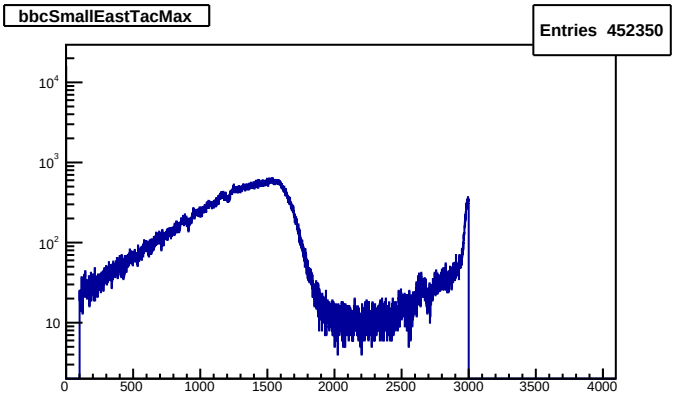

EQ3 QTB
Entries 2.599579e+07
TDC
QT Input Channel

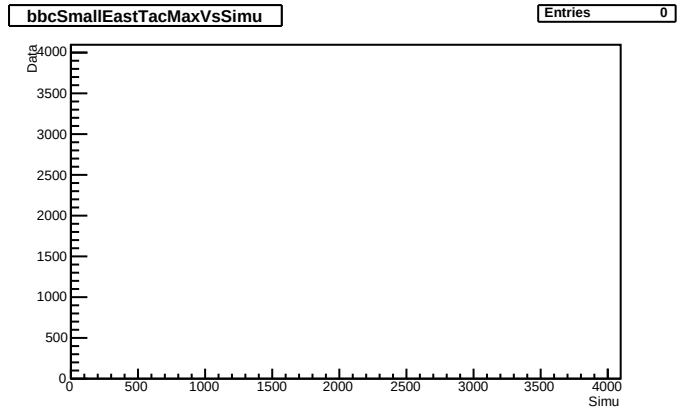

EQ3 QTC
Entries 4.34256e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.34256e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 452350


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 452350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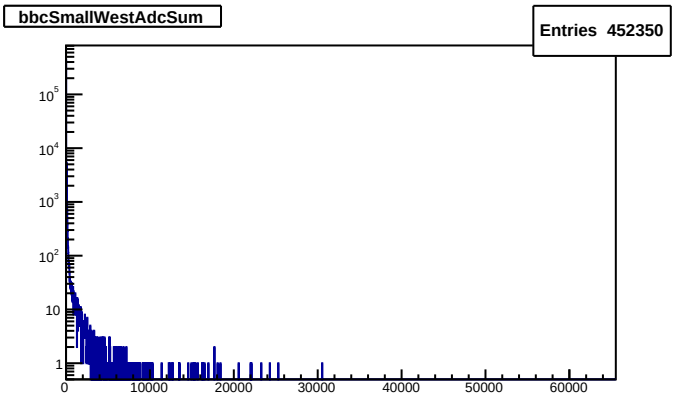
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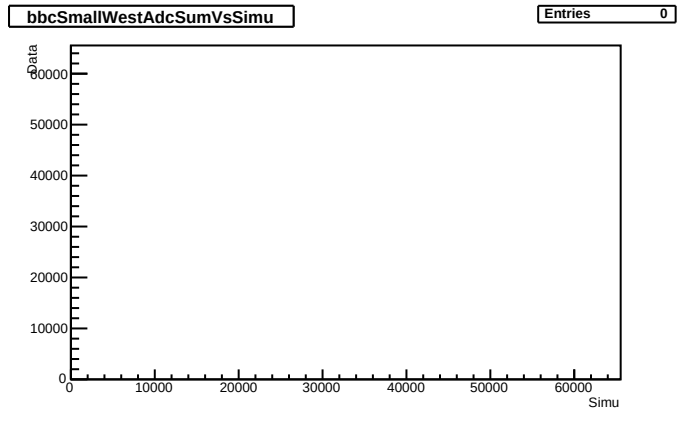
Entries 452350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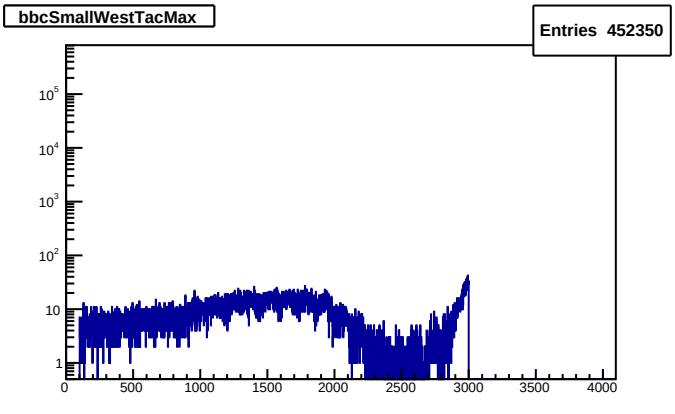
Simu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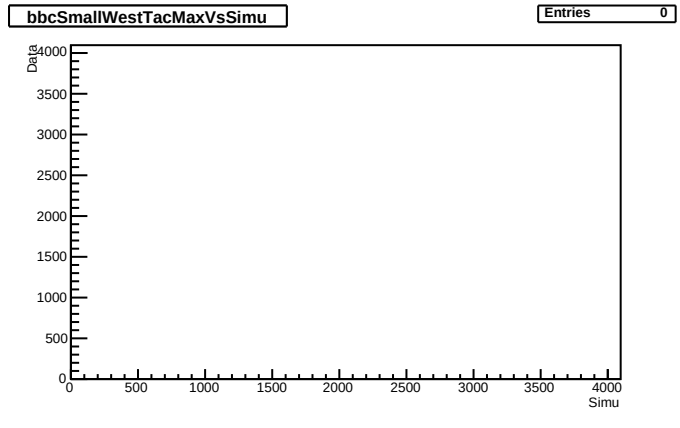
Entries 452350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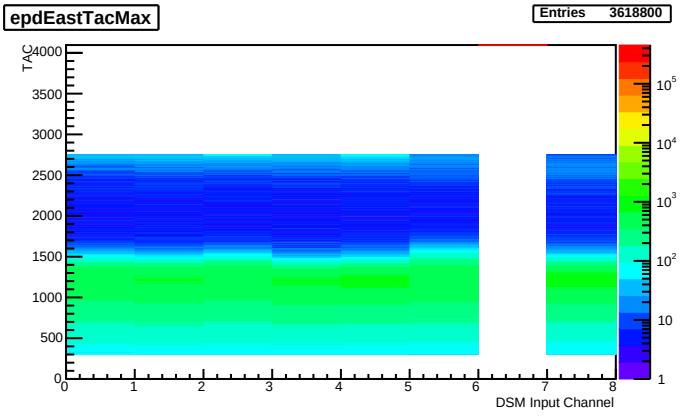
Entries 0
Data
Simu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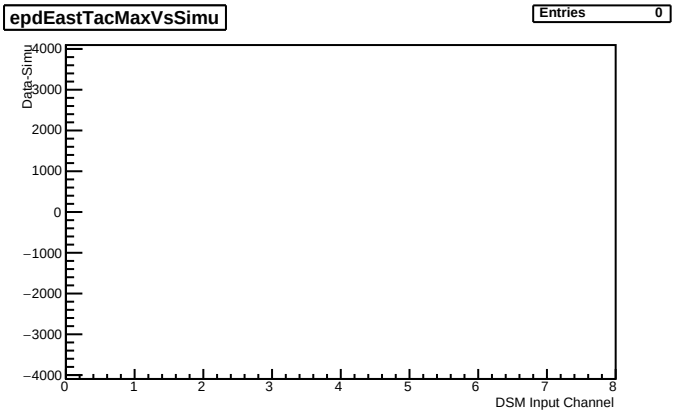
TAC
DSM Input Channel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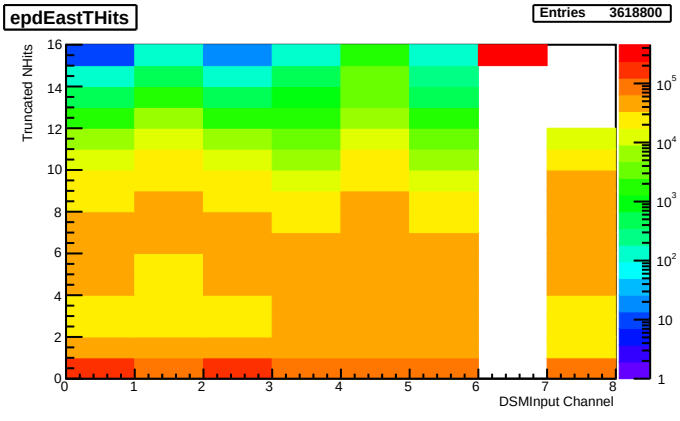
Entries 0
Data-Simu
DSM Input Channel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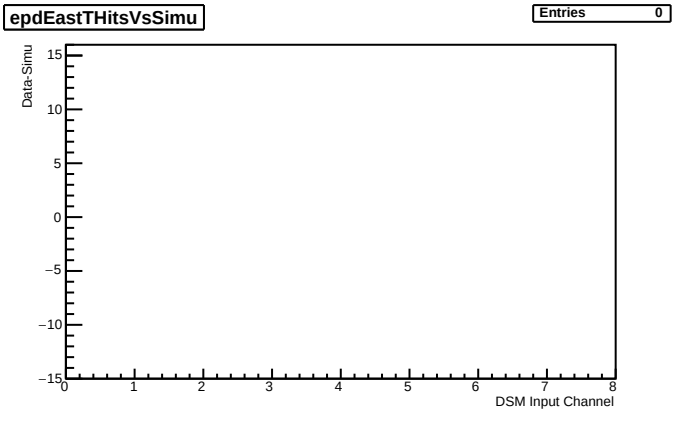
Entries 3618800
Truncated NHits
DSMInput Channel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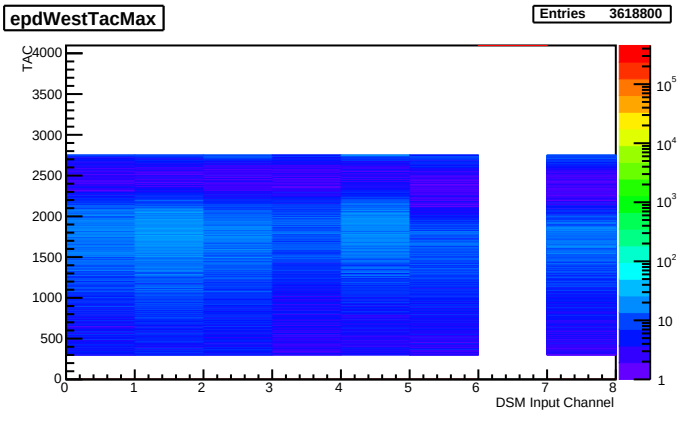
Data-Simu
DSM Input Channel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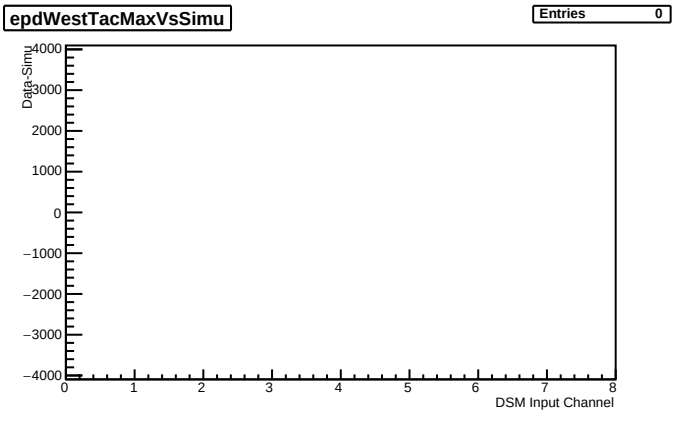
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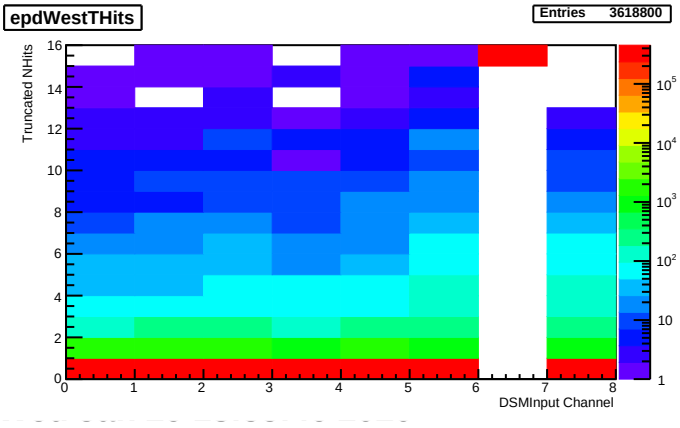
Entries 0
Data-Simu
DSM Input Channel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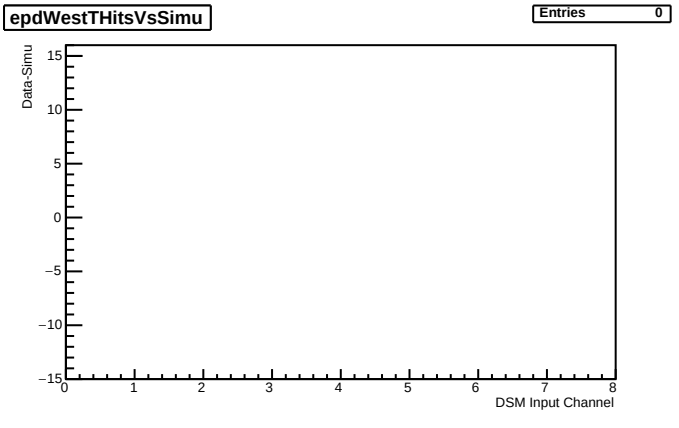
Entries 3618800
Truncated NHits
DSMInput Channel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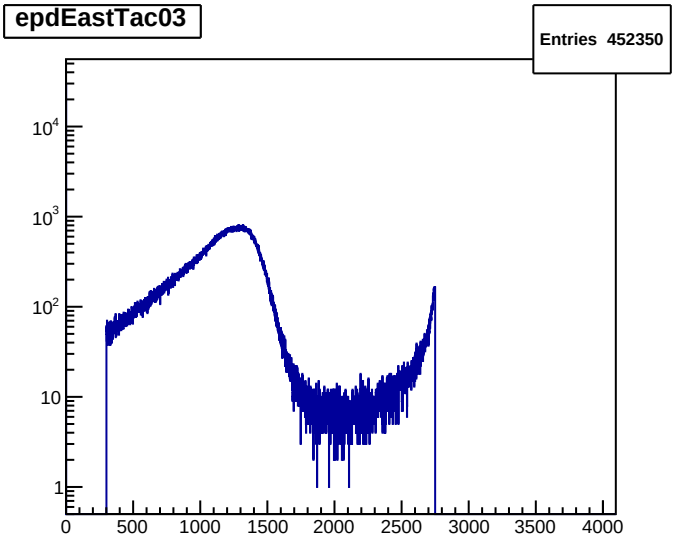
Entries 0
Data-Simu
DSM Input Channel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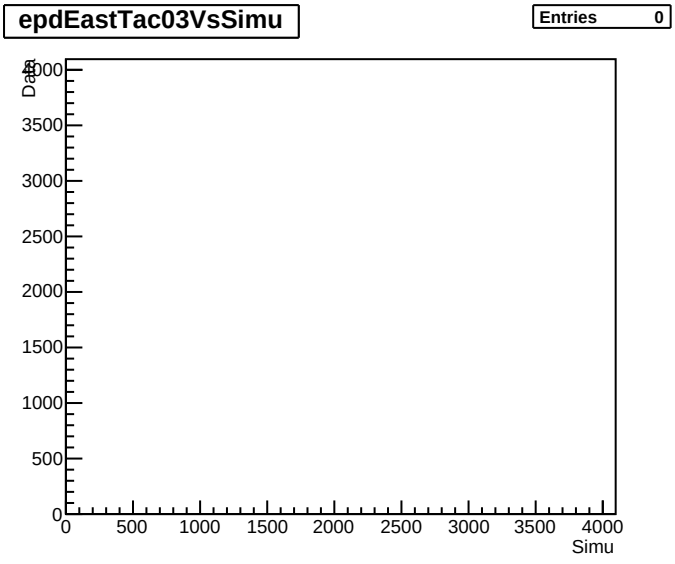
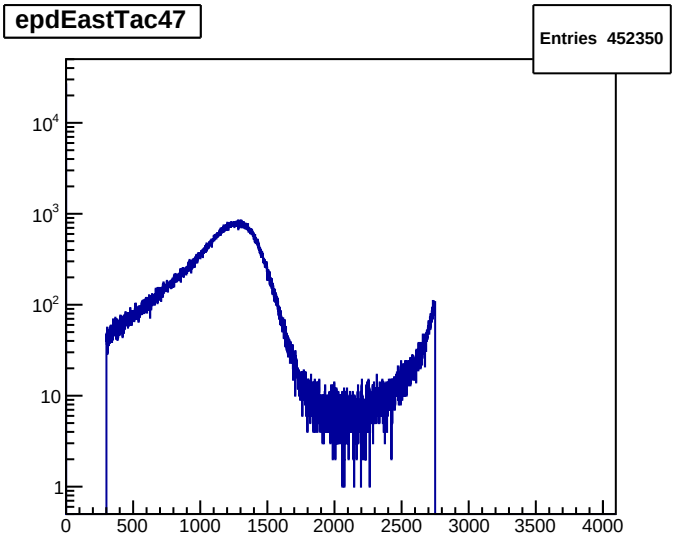
Entries 452350


epdEastTac03VsSimu
Entries 0
Data
Simu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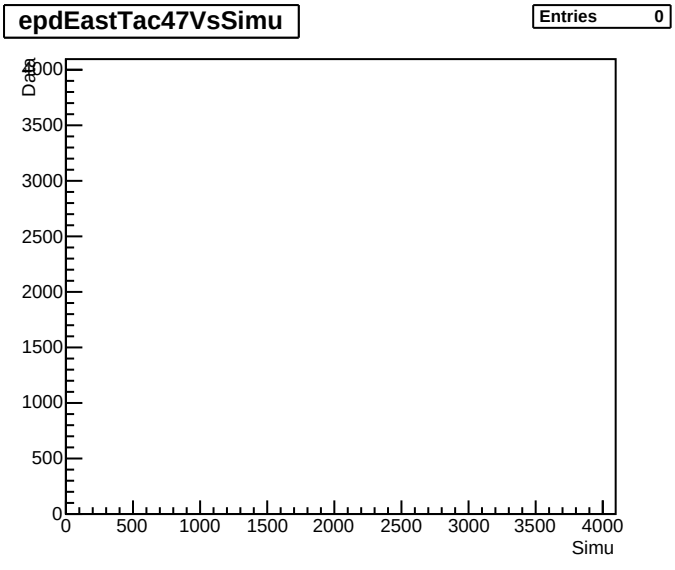
Entries 452350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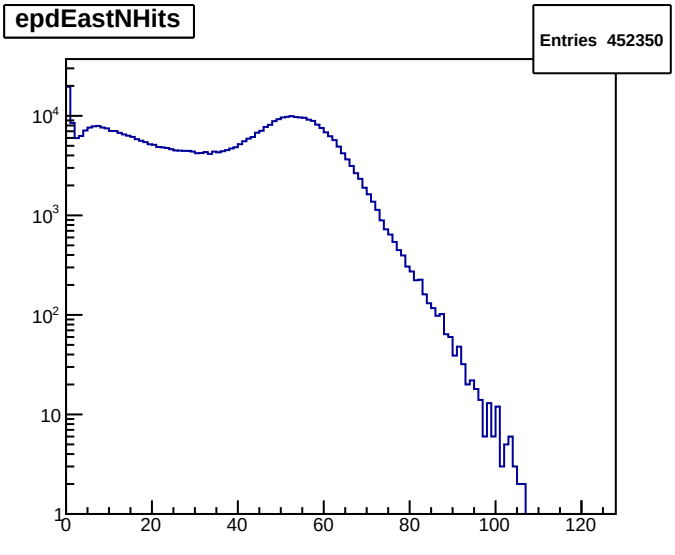
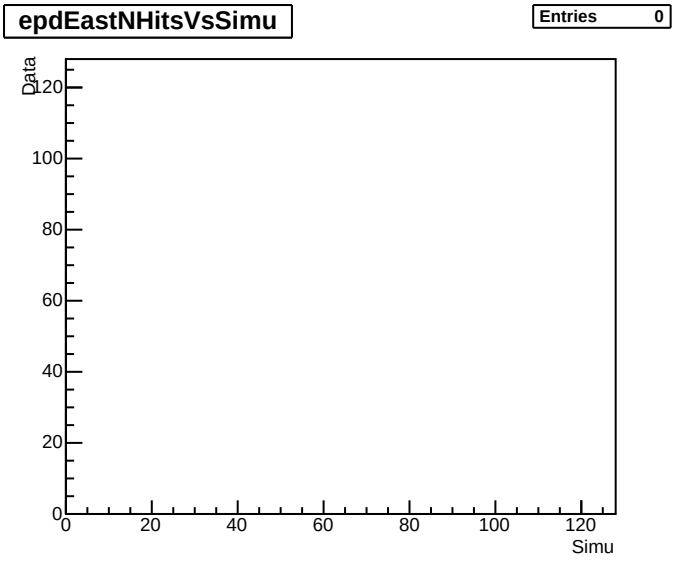
Entries 0
Data
Simu


epdEastNHits
Entries 452350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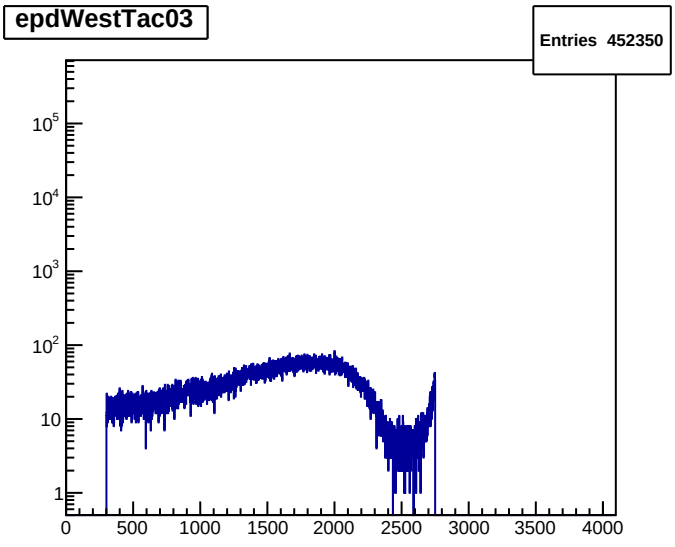
Data
Simu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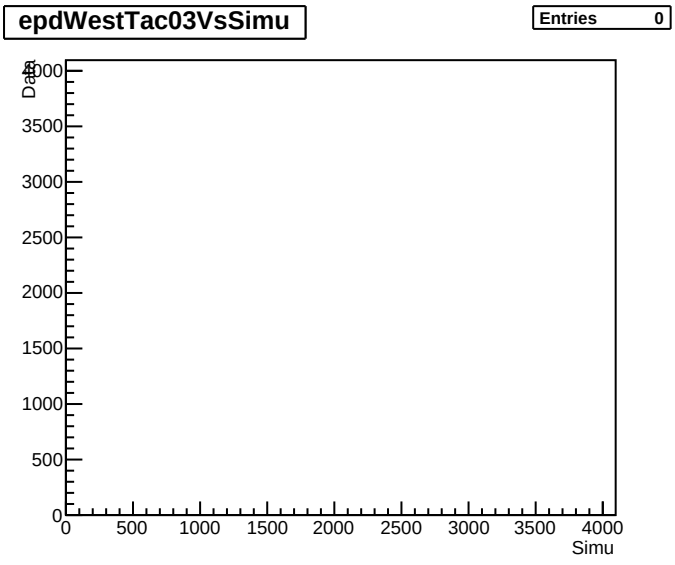
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Entries 0
Data
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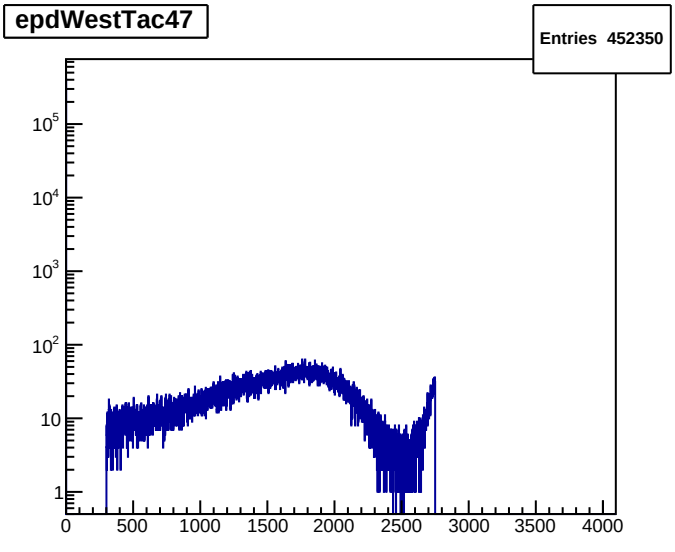
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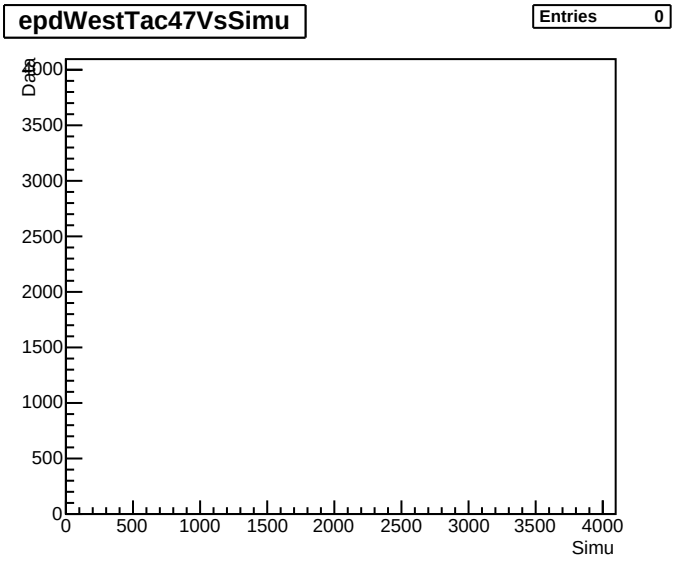
Entries 452350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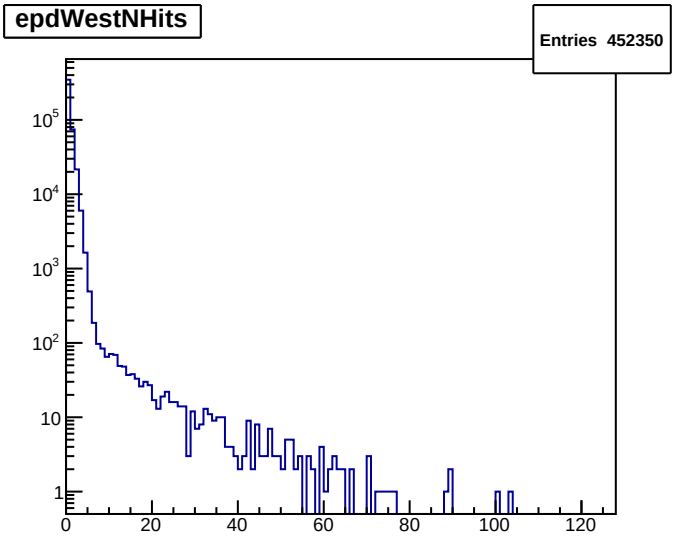
Data
Simu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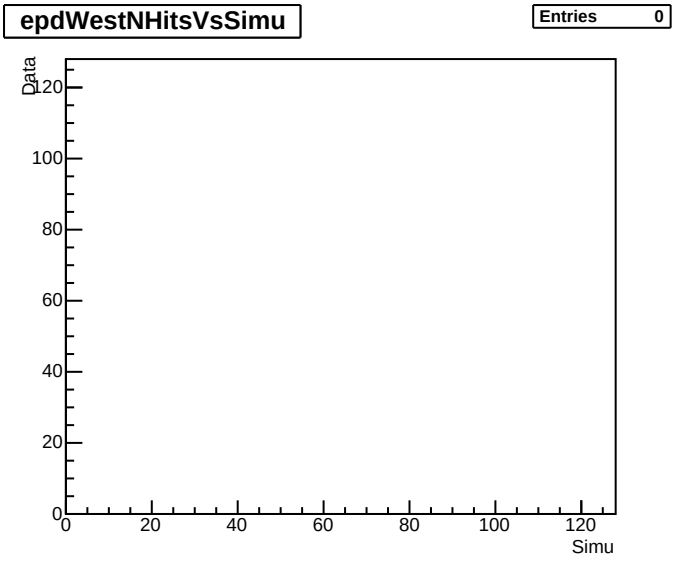
Entries 452350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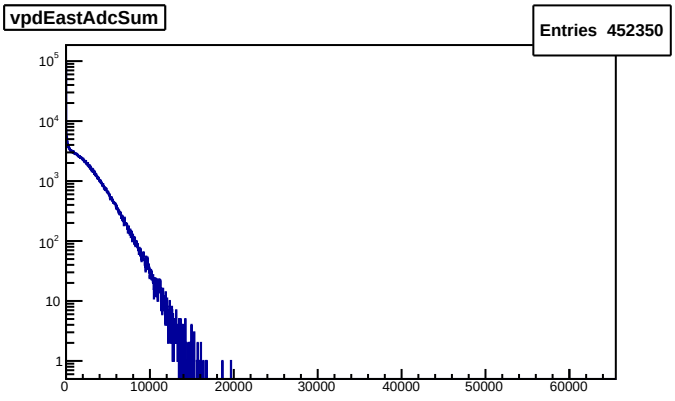
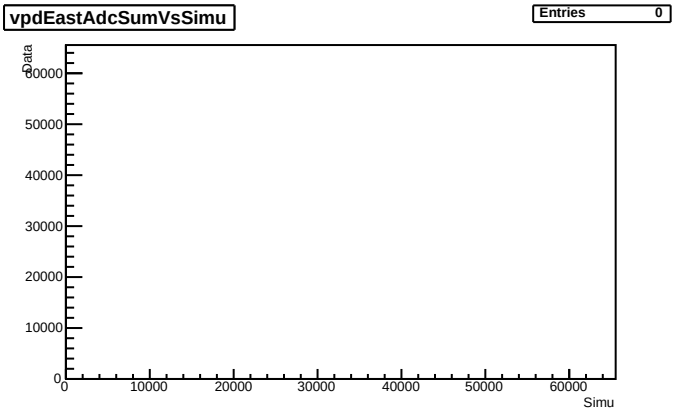
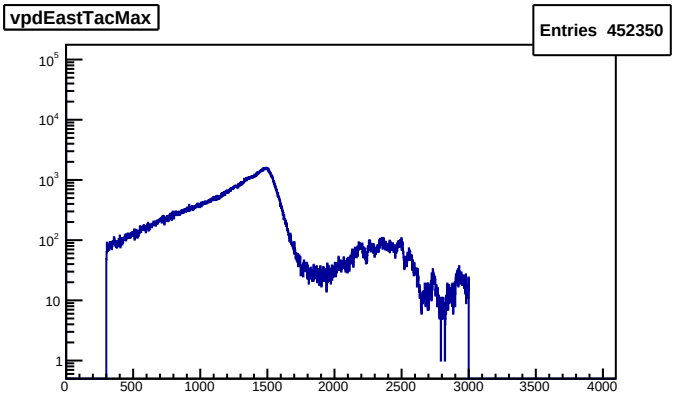
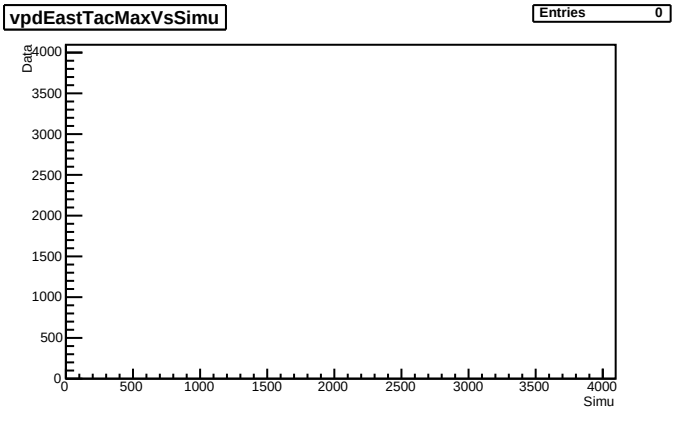
Entries 0
Data
Simu


vpdEastAdcSum
Entries 452350


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 452350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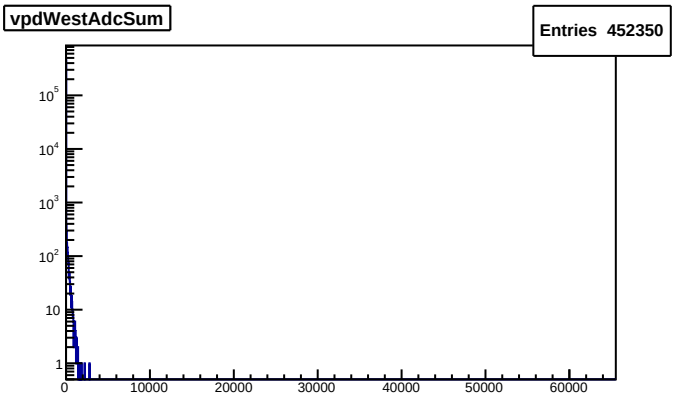
Entries 0
Data
Simu


vpdWestAdcSum
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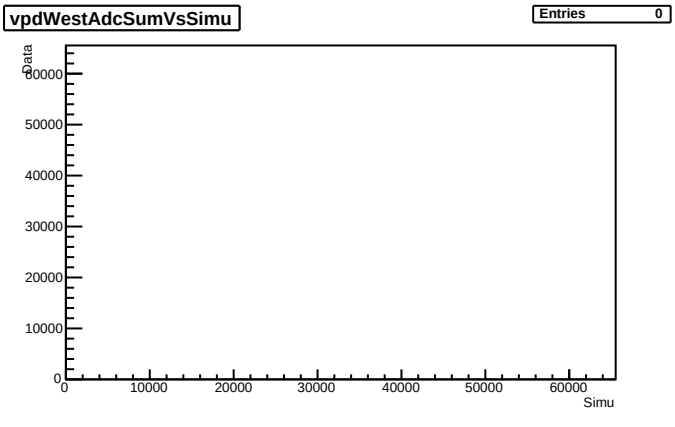
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Entries 0
Data
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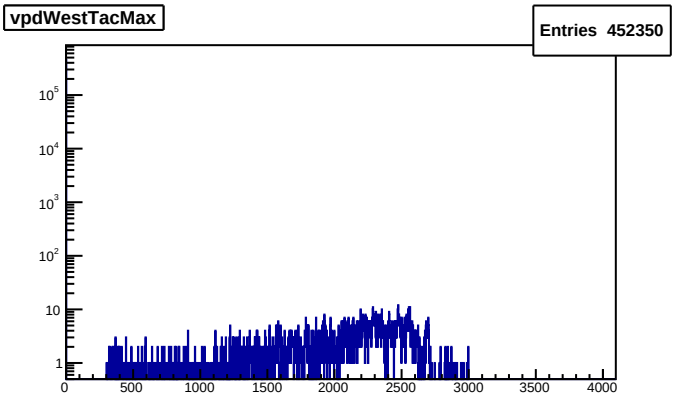
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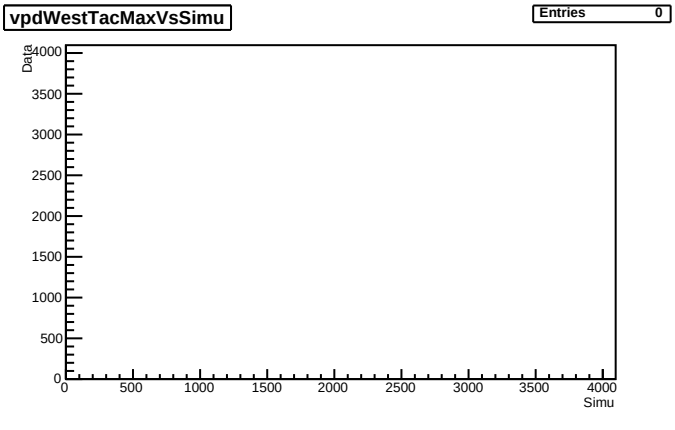
Entries 452350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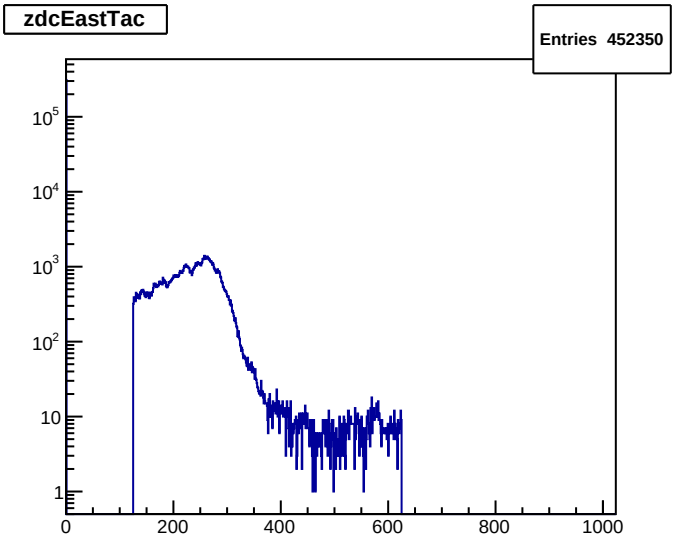
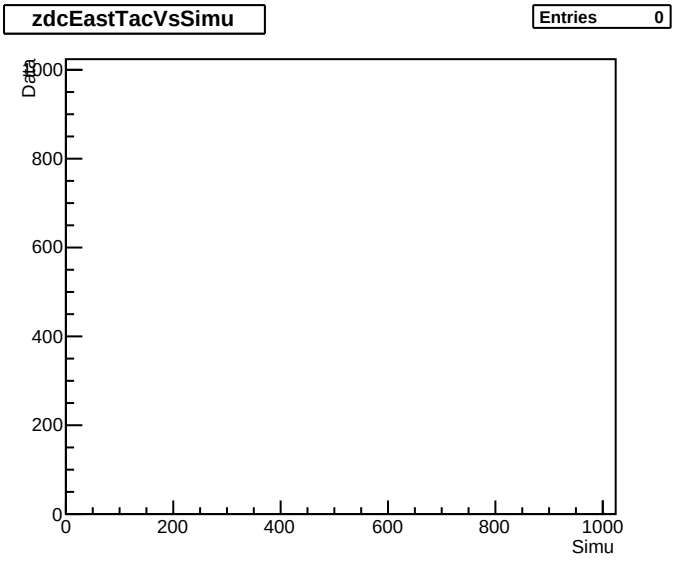
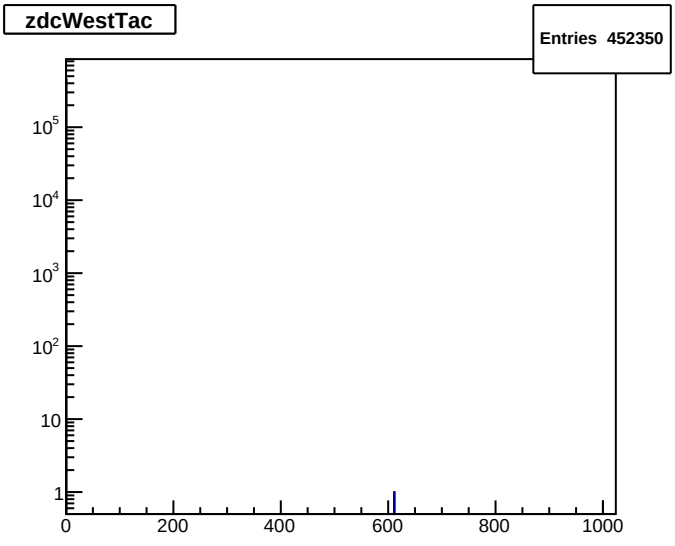
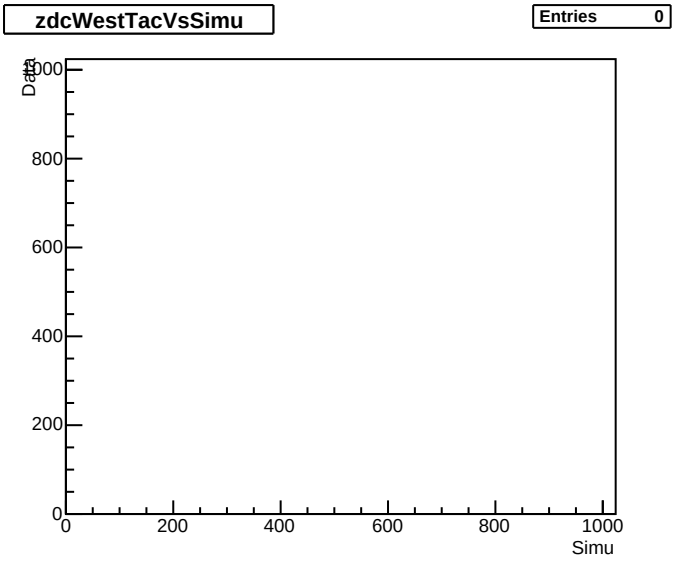
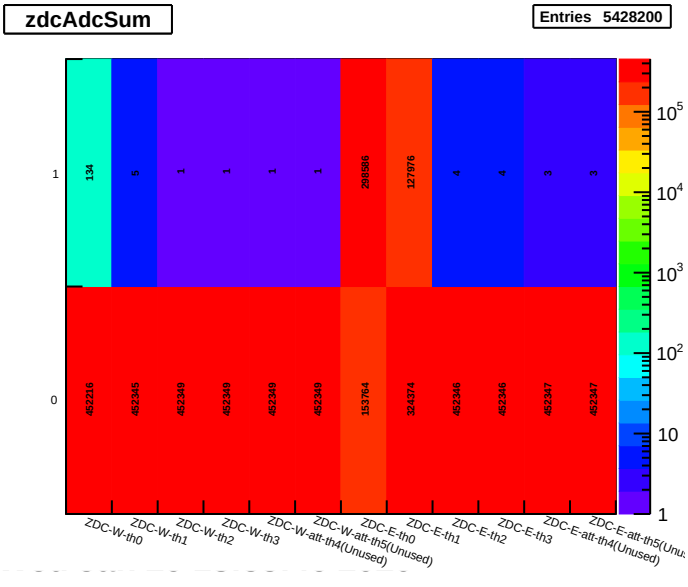
Entries 0
Data
Simu


zdcEastTac
Entries 452350
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 452350
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 5428200
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134
5
1
1
1
1
29586
127976
4
4
3
3
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452345
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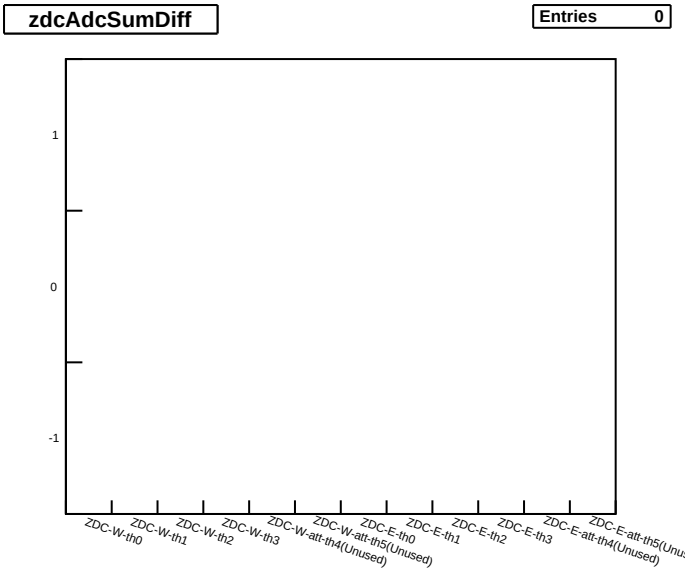
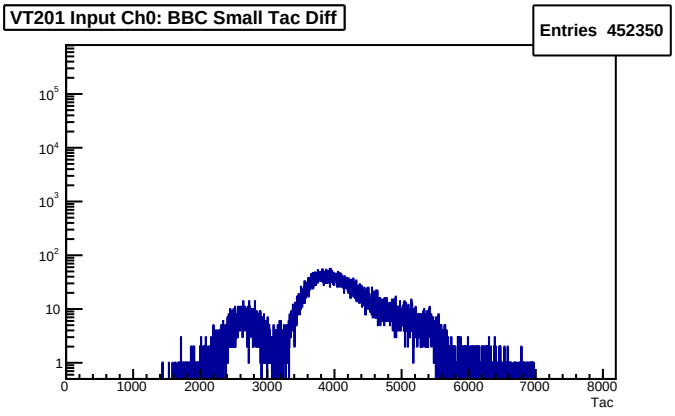
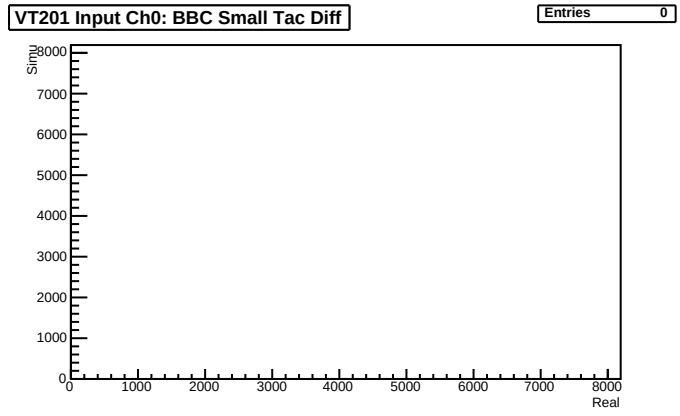
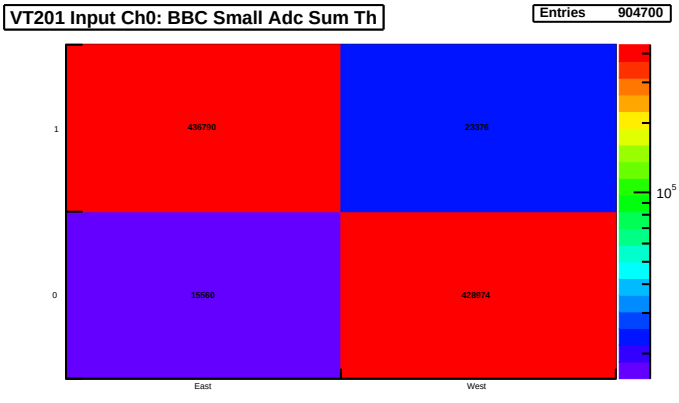
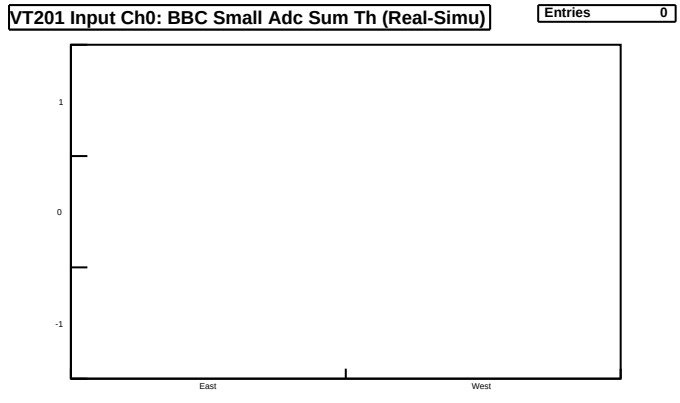
452349
452349
452349
153764
324374
452346
452346
452347
452347
10^5
10^4
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

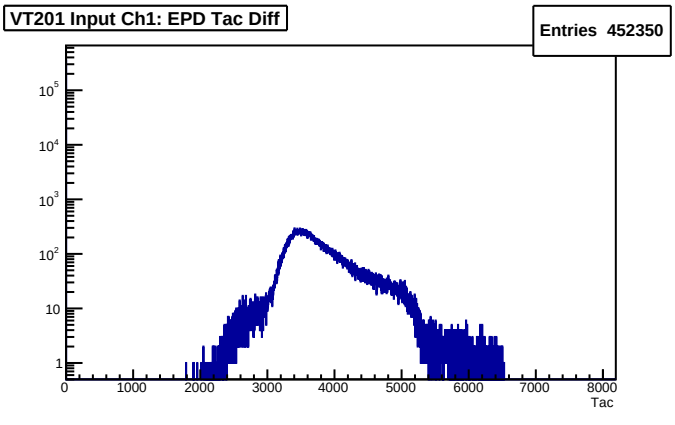

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

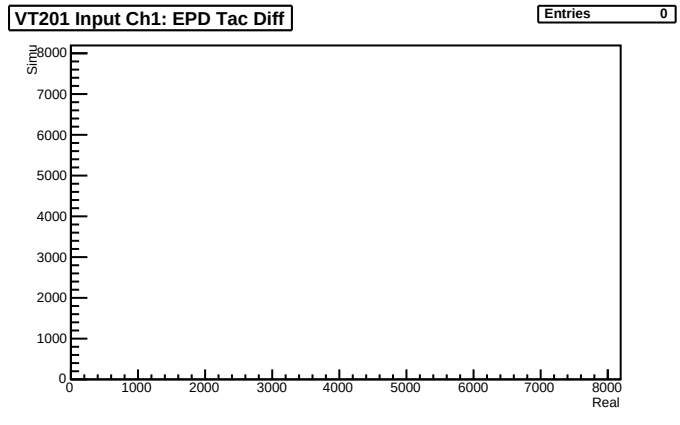

VT201 Input Ch0: BBC Small Tac Diff
Entries 452350
Tac

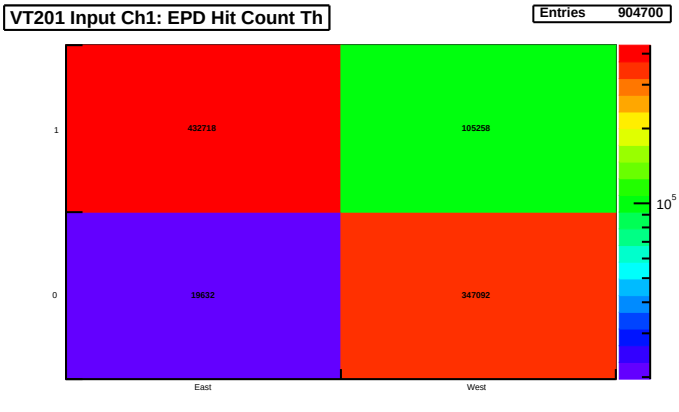

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

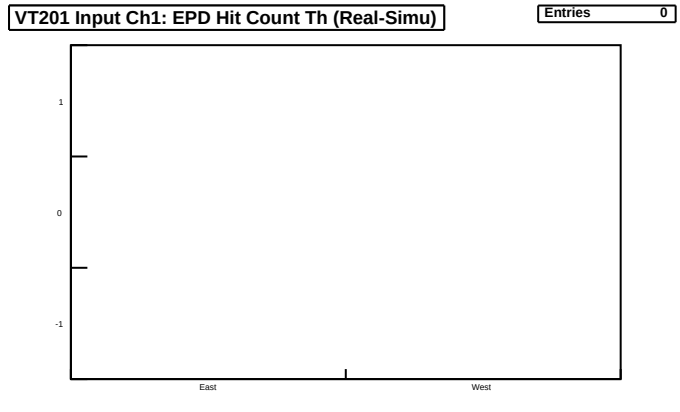

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 904700
436790
23376
15560
428974
East
West

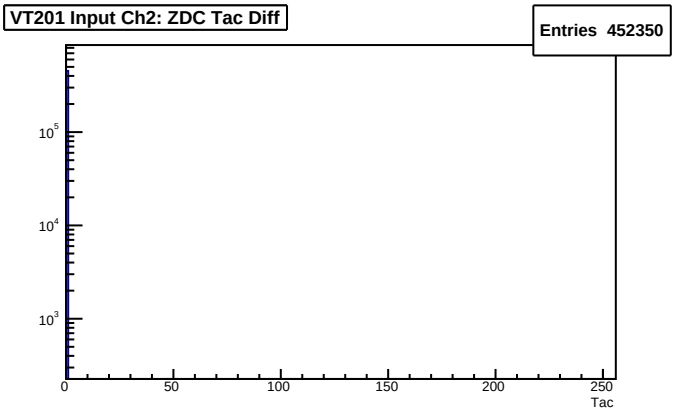

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

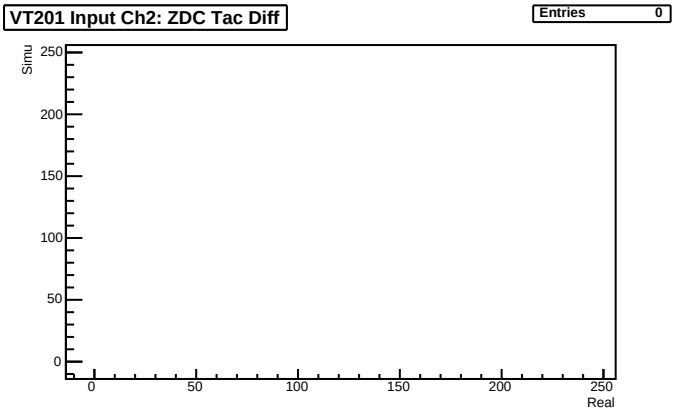

VT201 Input Ch1: EPD Tac Diff
Entries 452350
Tac

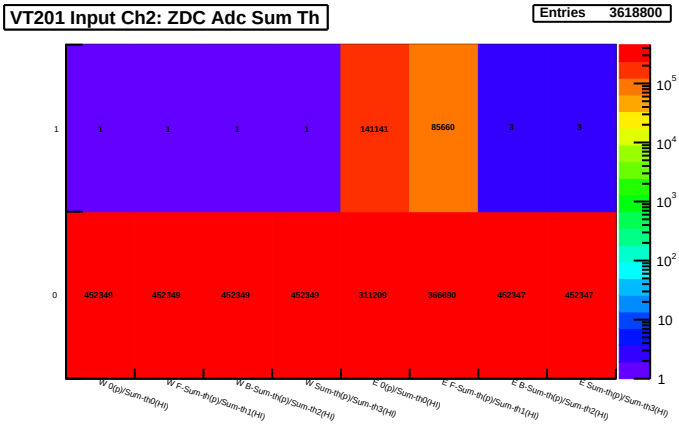

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

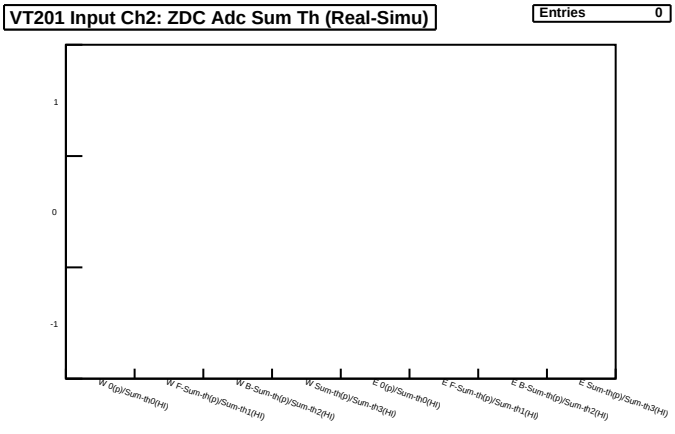

VT201 Input Ch1: EPD Hit Count Th
Entries 904700
432718
105258
19632
347092
East
West

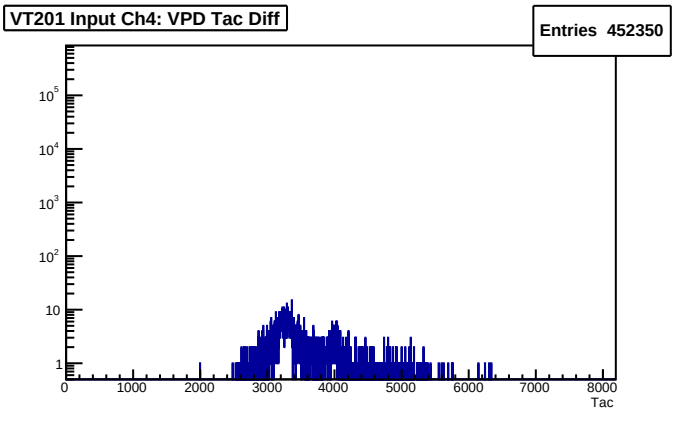

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

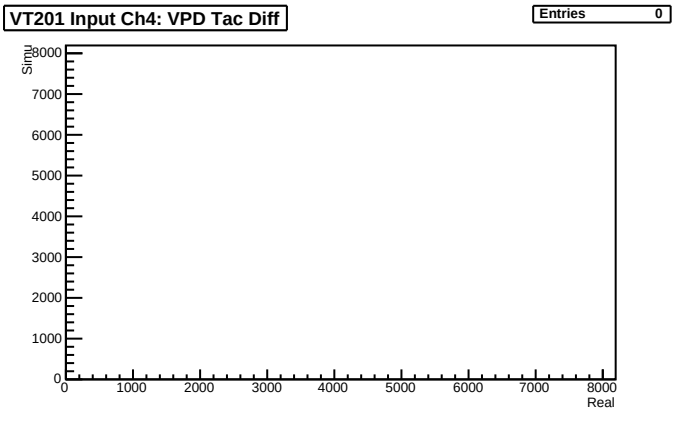

VT201 Input Ch2: ZDC Tac Diff
Entries 452350
Tac

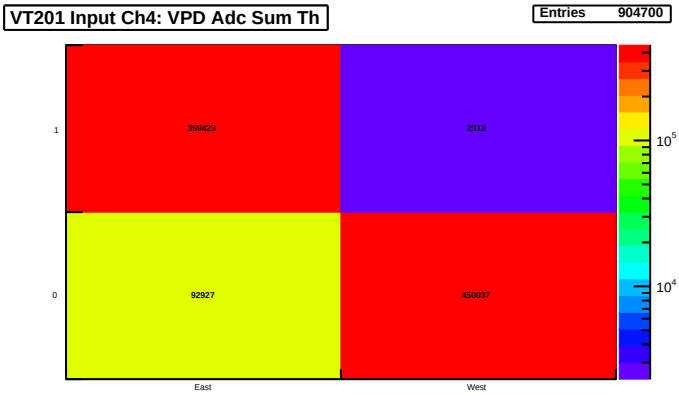

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

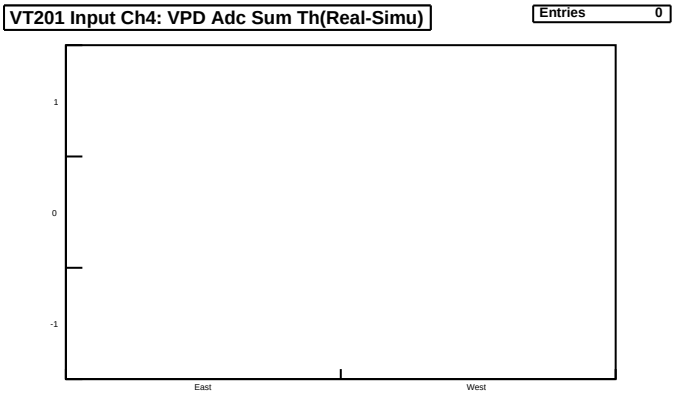

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3618800
1 1 1 1 141141 85660 3 3
452349 452349 452349 452349 311209 366690 452347 452347
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

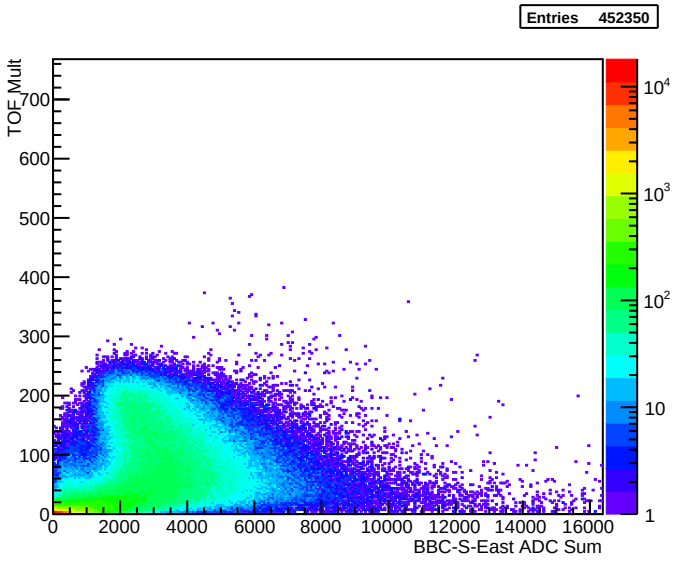

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

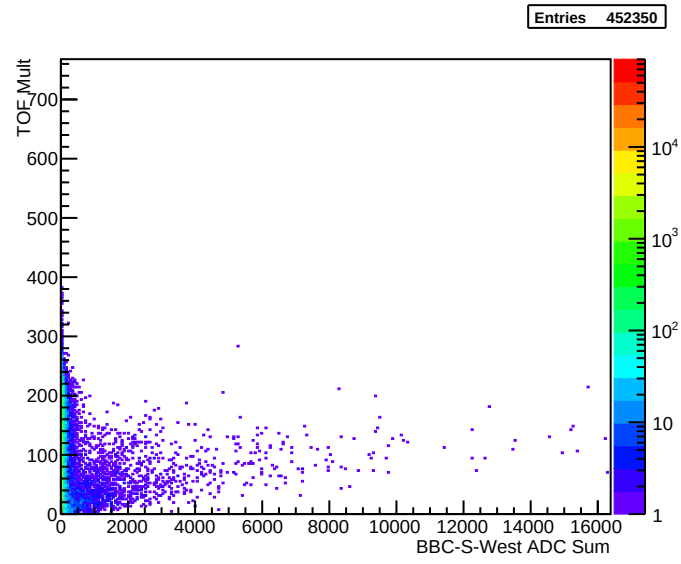

VT201 Input Ch4: VPD Tac Diff
Entries 452350
Tac

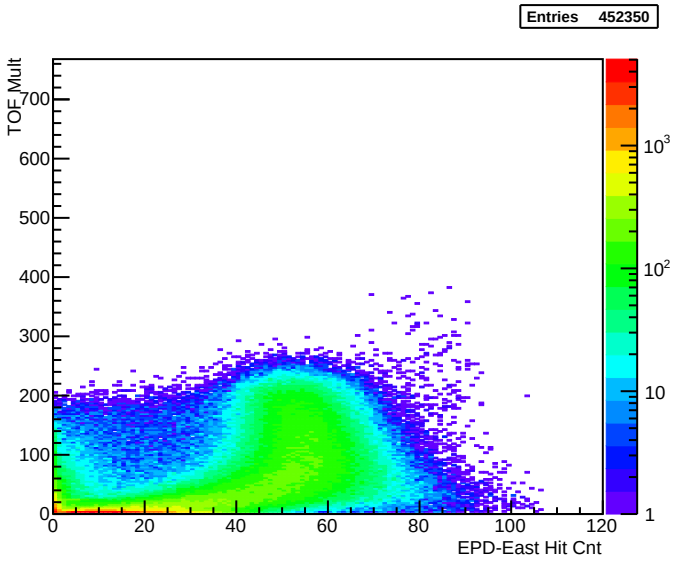

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

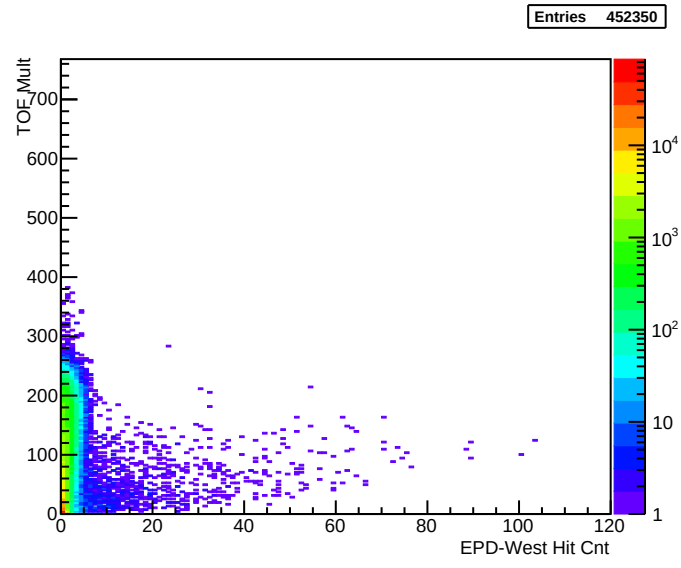

VT201 Input Ch4: VPD Adc Sum Th
Entries 904700
359423
2313
92927
450037
East
West

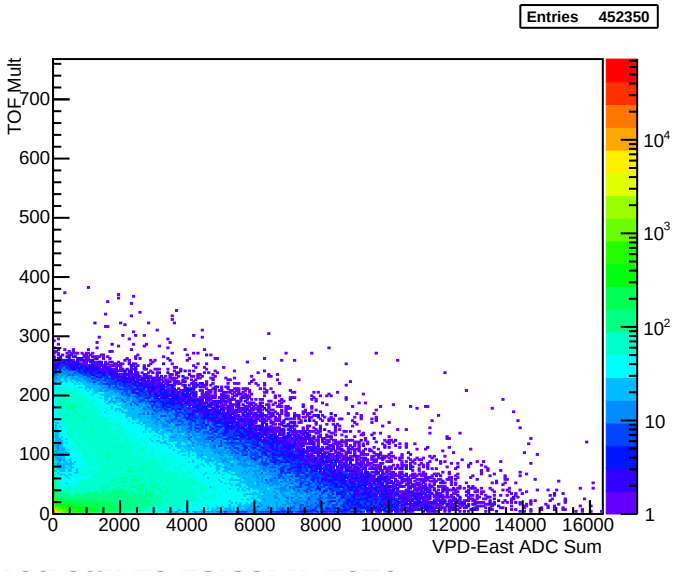

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

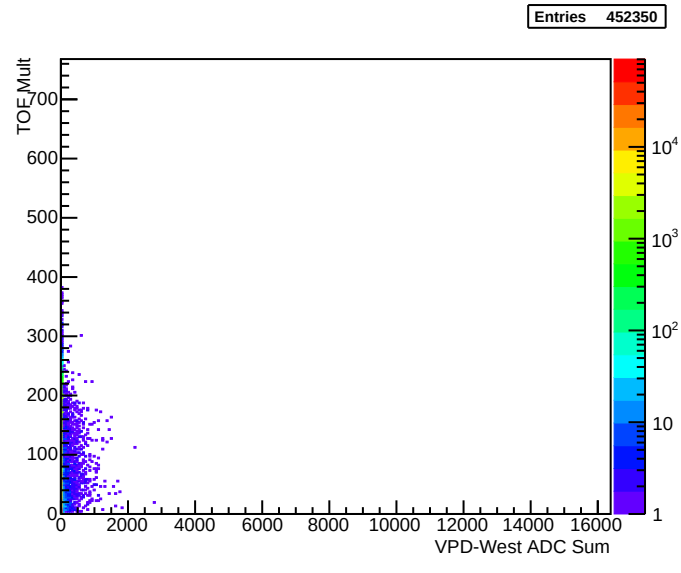

Entries 452350
TOF_Mult
BBC-S-East ADC Sum

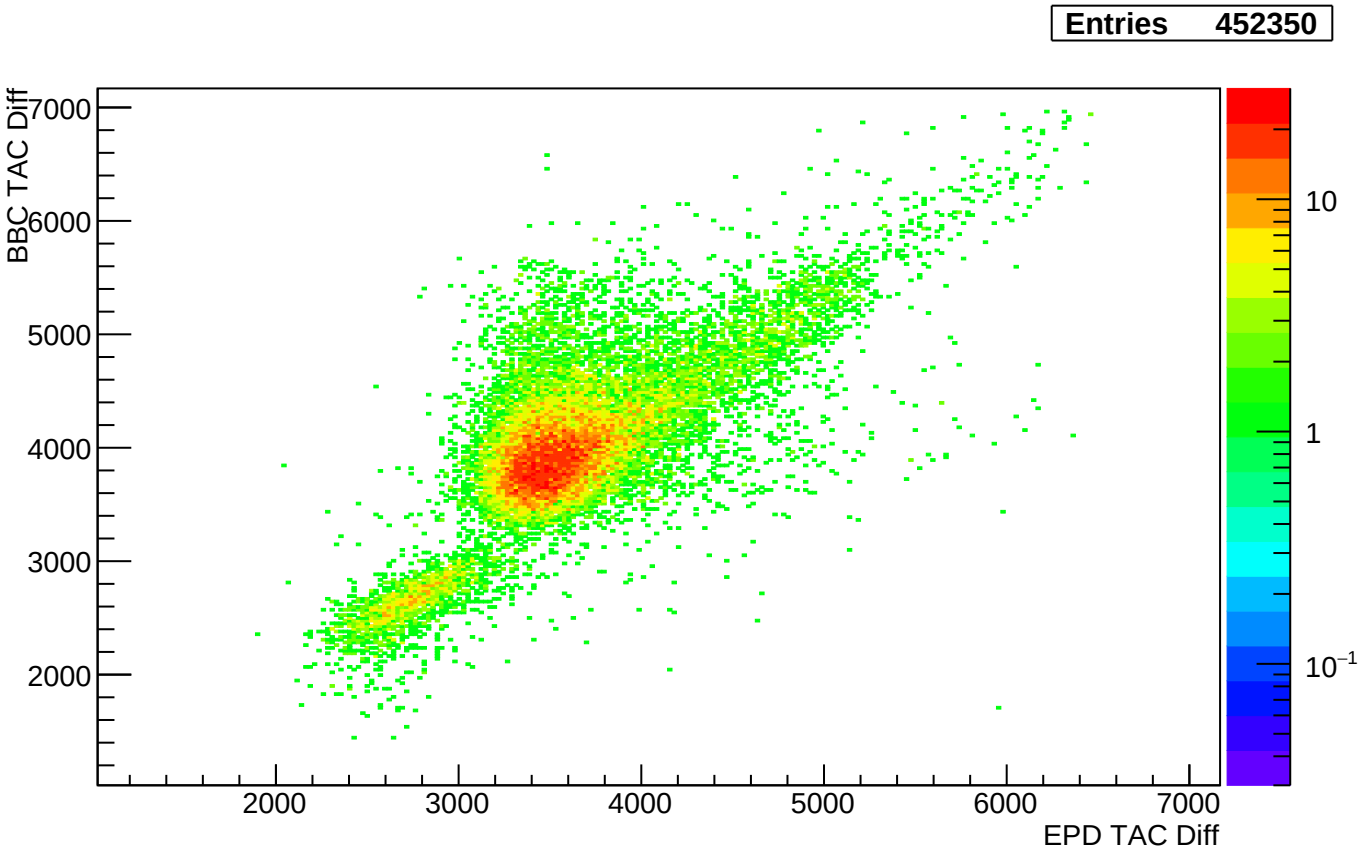

Entries 452350
TOF_Mult
BBC-S-West ADC Sum

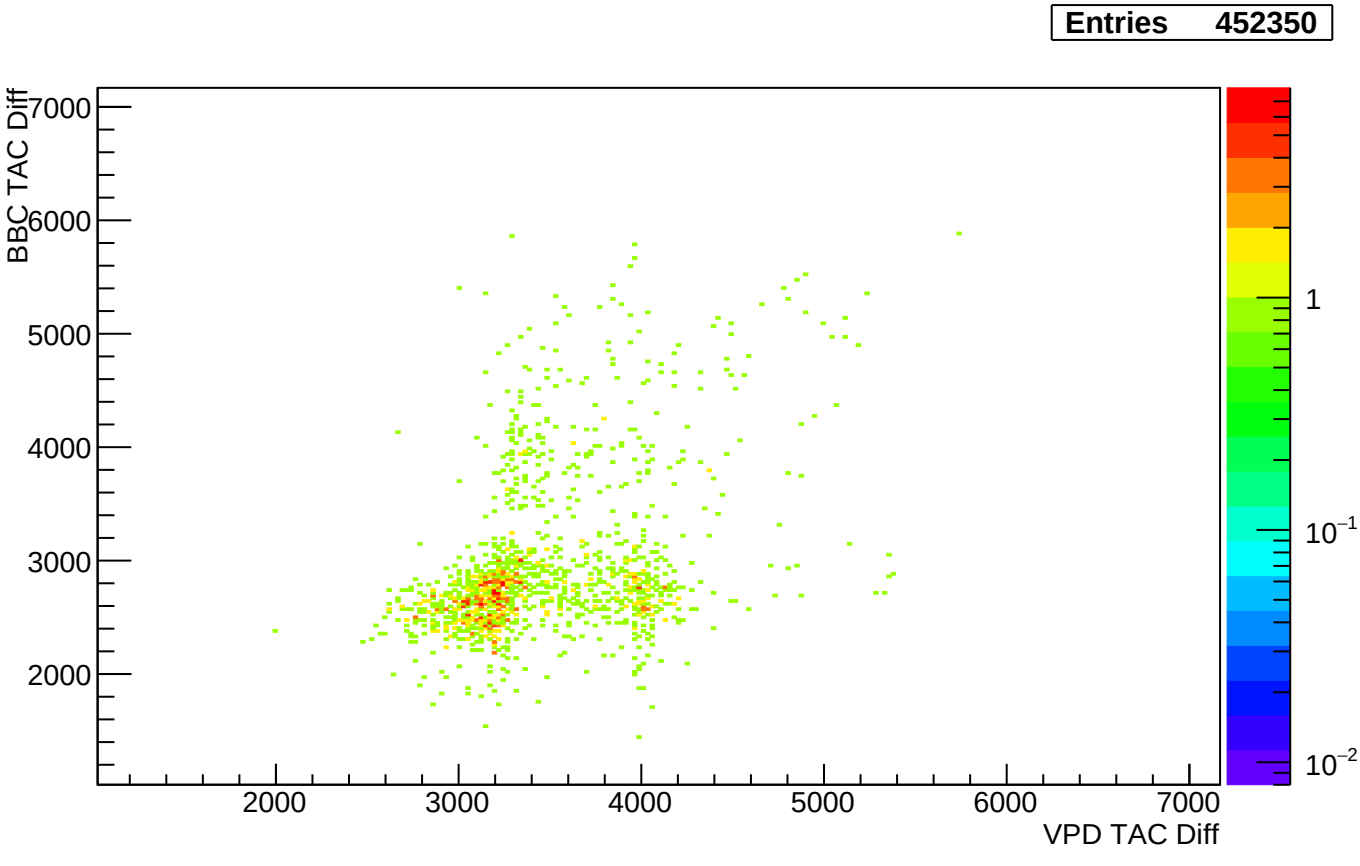

Entries 452350
TOF_Mult
EPD-East Hit Cnt

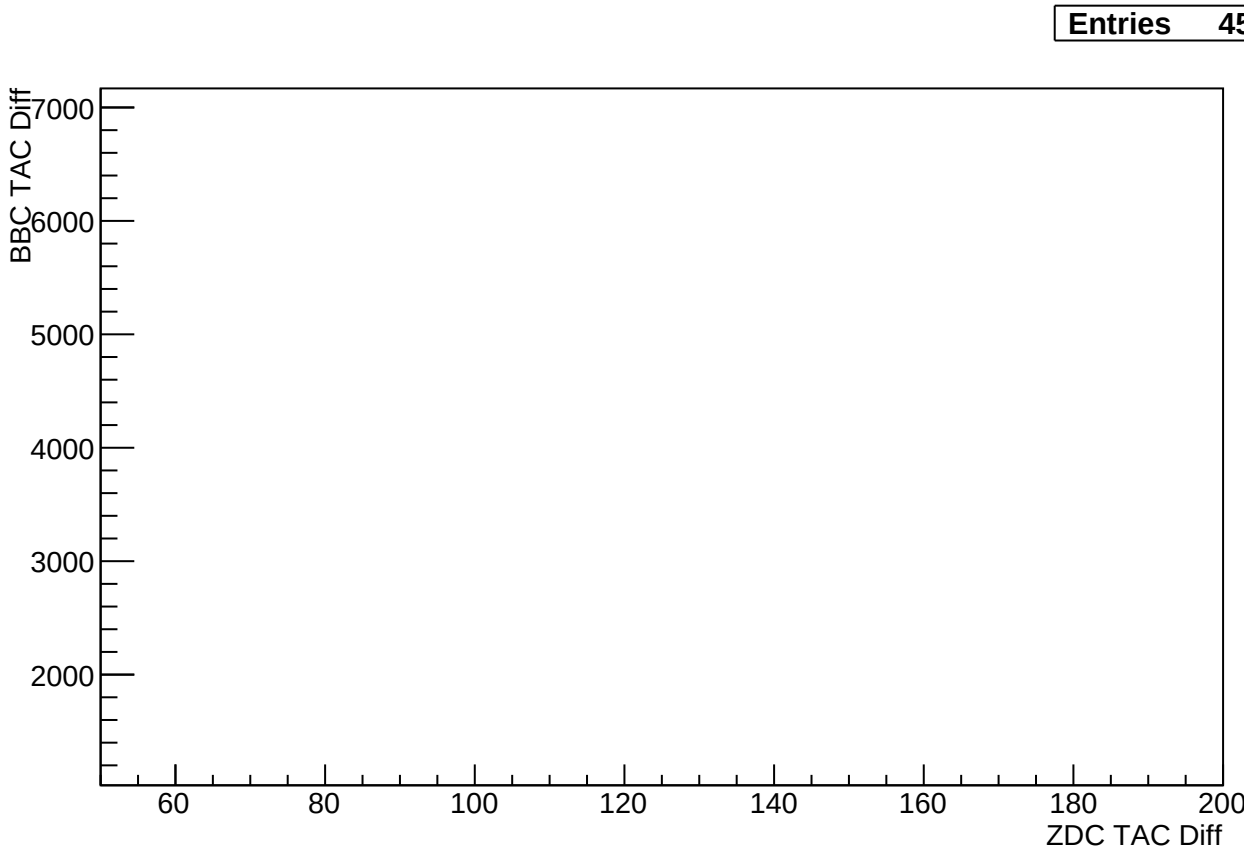

Entries 452350
TOF_Mult
EPD-West Hit Cnt

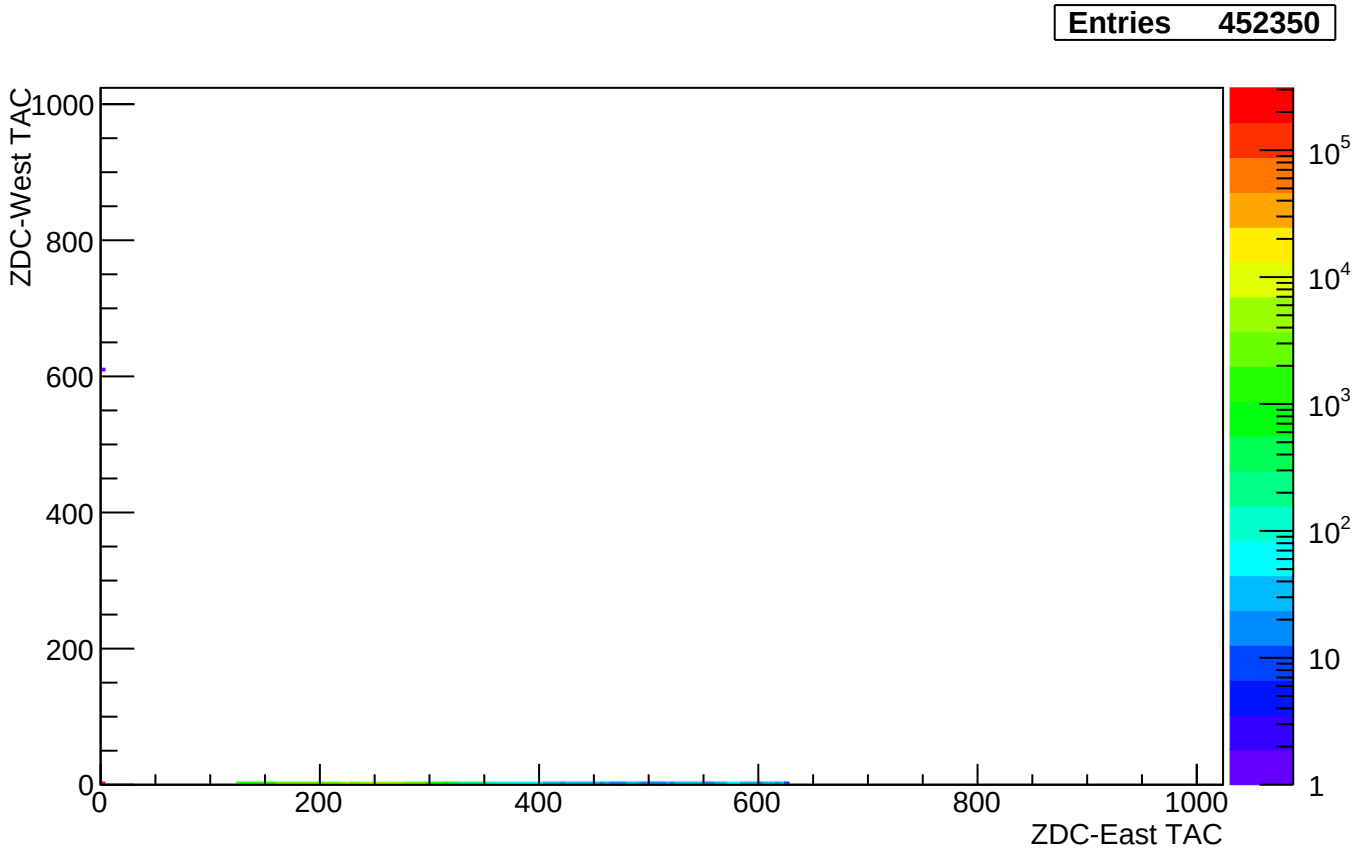

Entries 452350
TOF_Mult
VPD-East ADC Sum

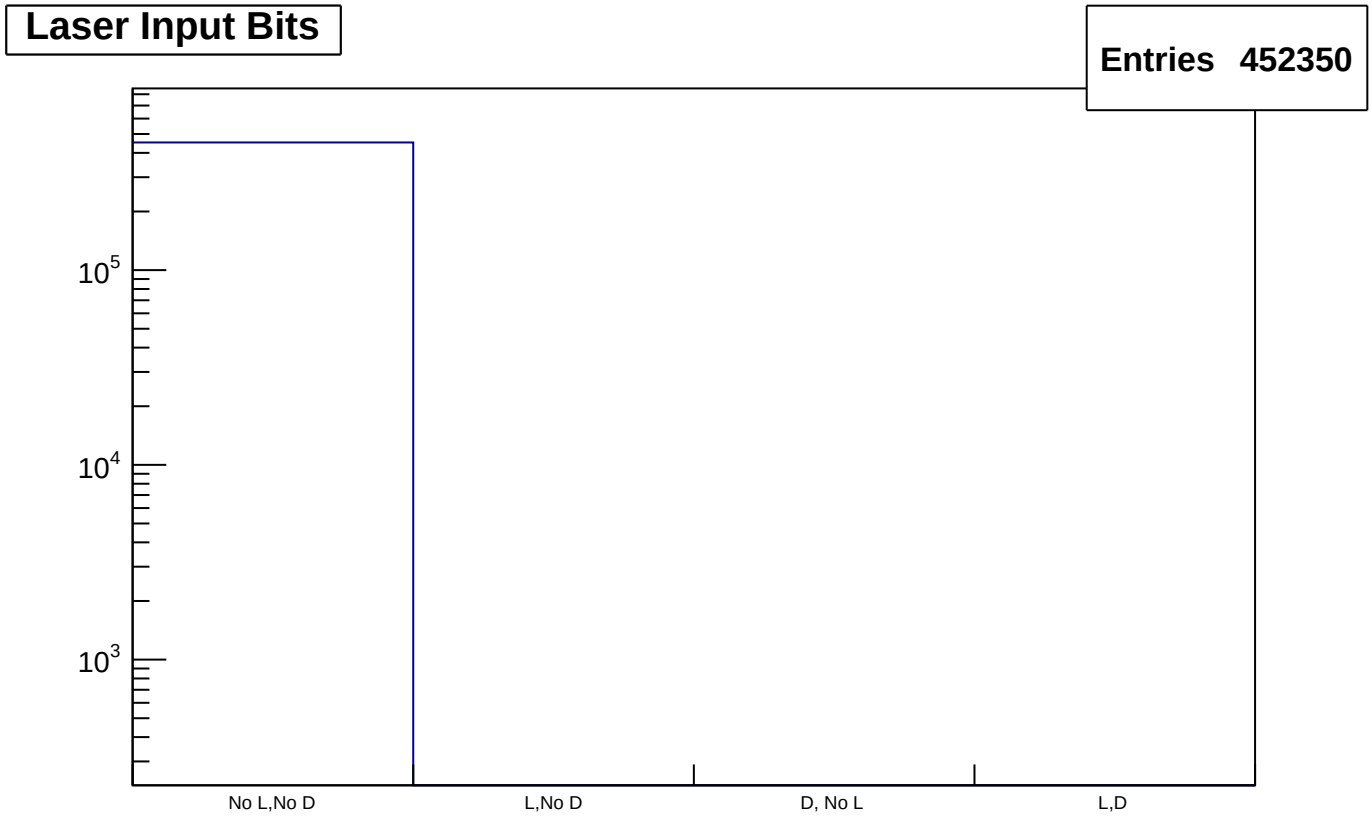

Entries 452350
TOF_Mult
VPD-West ADC Sum

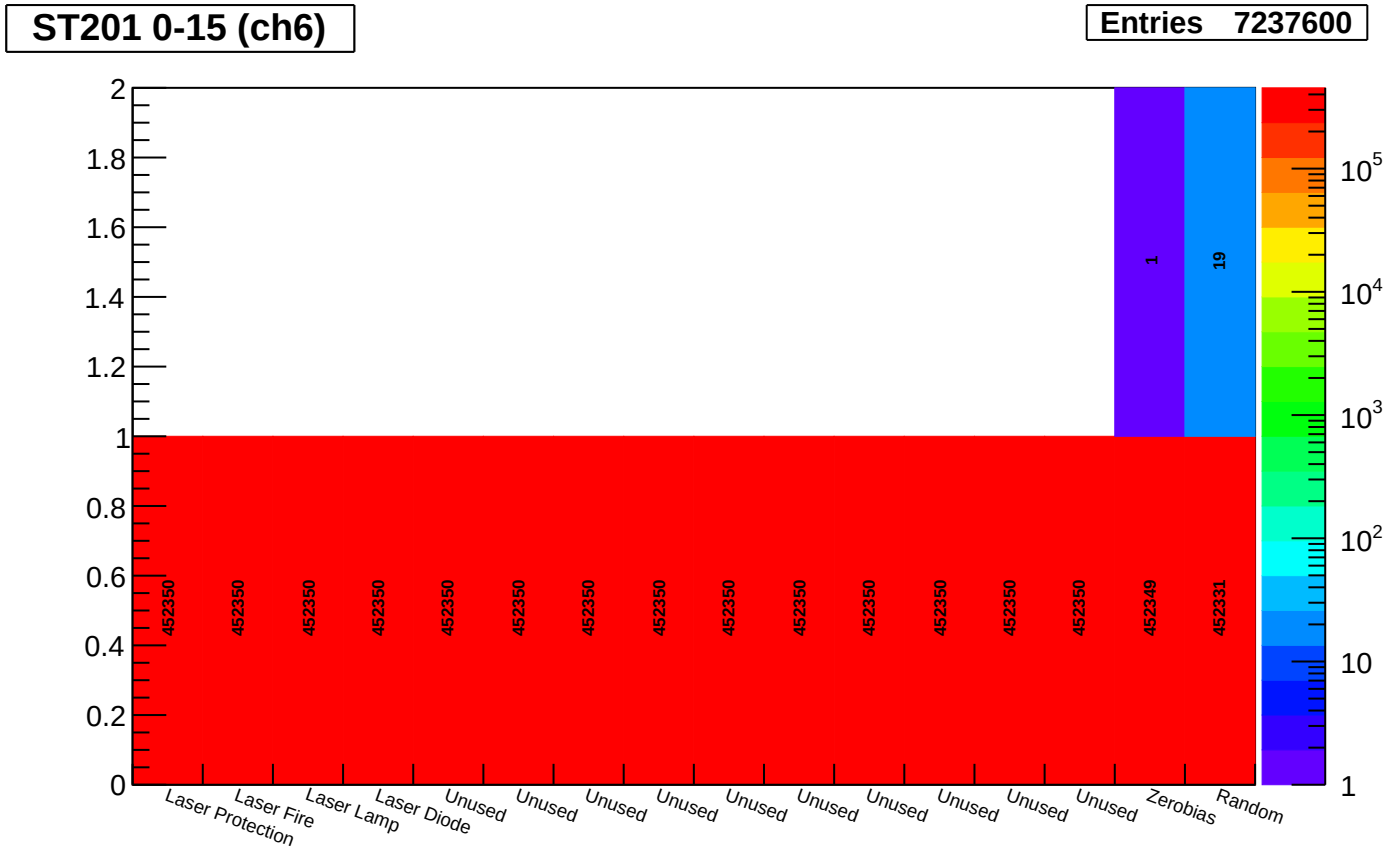

Entries 452350
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10
1
10^{-1}

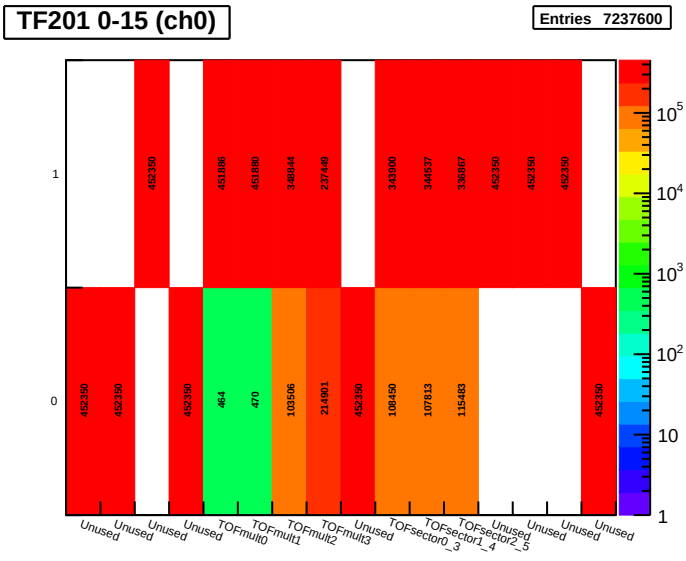

Entries 452350
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

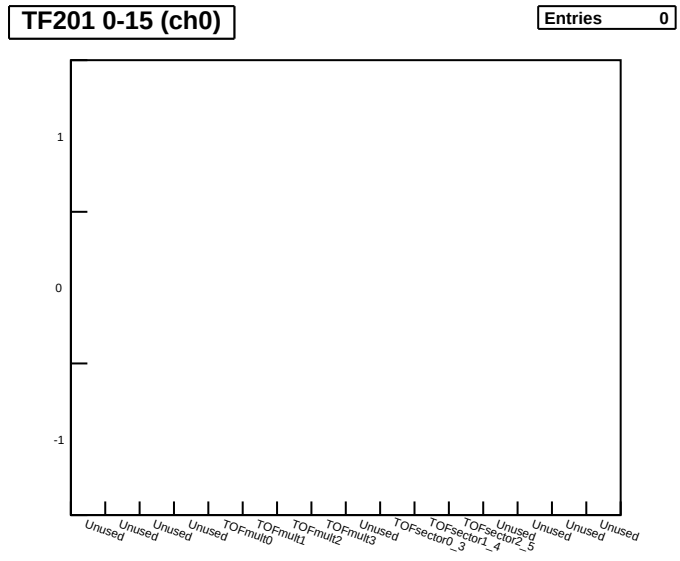

Entries 452350
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff

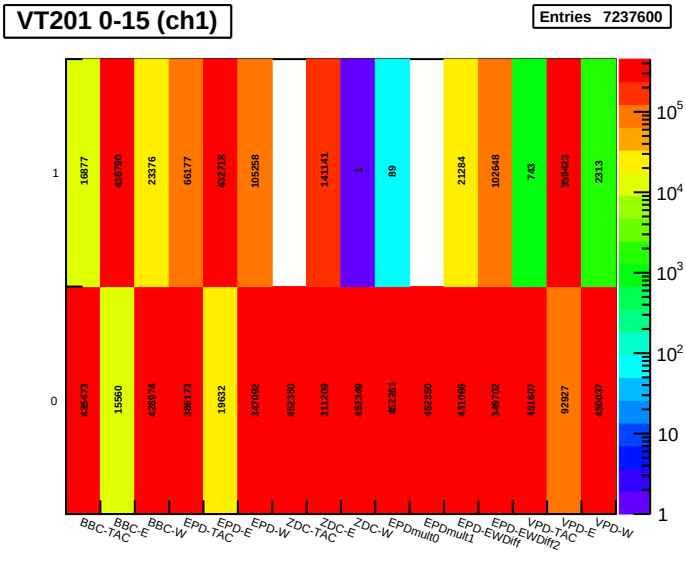

Entries 452350
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

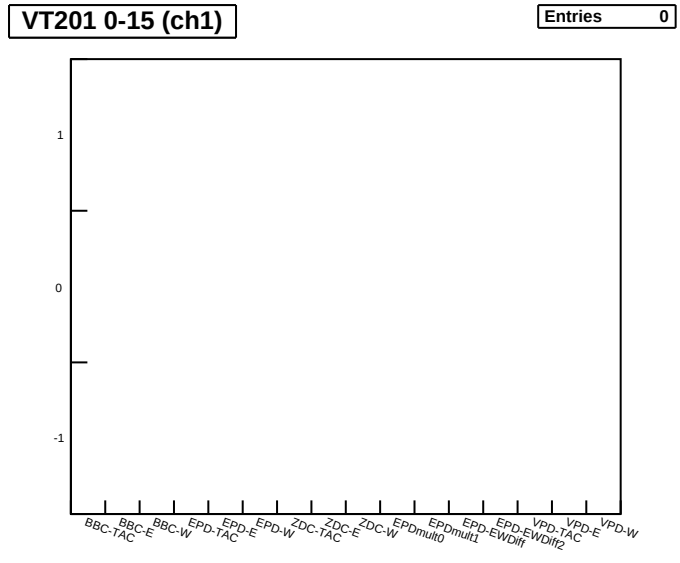

Laser Input Bits
Entries 452350
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

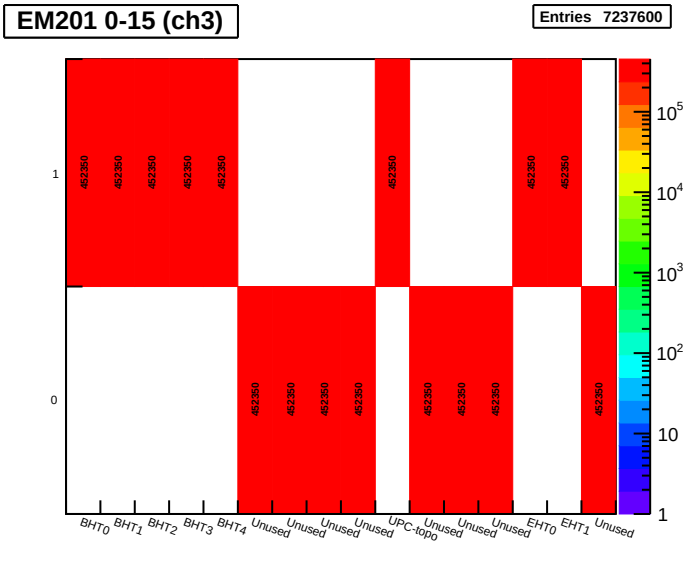

ST201 0-15 (ch6)
Entries 7237600
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
452350
452350
452350
452350
452350
452350
452350
452350
452350
452350
452350
452350
452350
452350
452349
452331
1
19
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

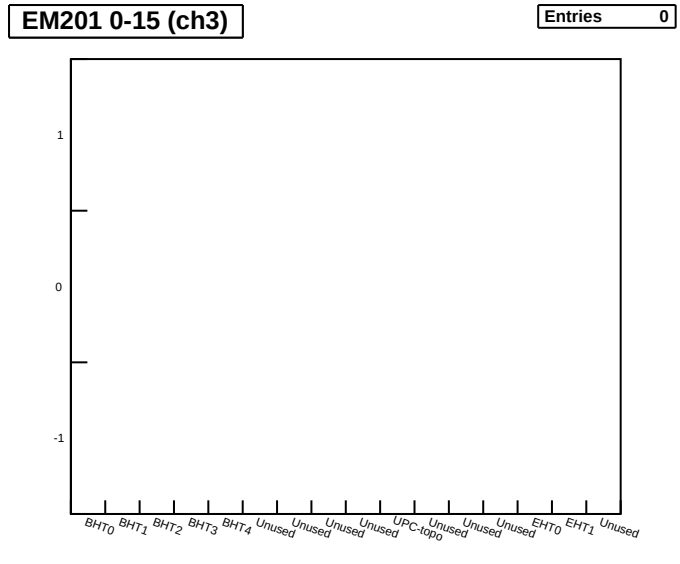

TF201 0-15 (ch0)
Entries 7237600
1
0
452350
451986
451880
348844
237749
343900
344537
336867
452350
452350
452350
452350
452350
452350
464
470
103506
214901
452350
108450
107813
115483
452350
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 7237600
1
0
16877
436790
23376
66177
432718
105258
141141
1
89
21284
102648
743
359423
2313
435473
15560
428974
388173
19632
347092
452350
311209
452349
452261
452350
431066
349702
451607
92927
450037
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 7237600
1
0
452350
452350
452350
452350
452350
452350
452350
452350
452350
452350
452350
452350
452350
452350
452350
452350
452350
452350
452350
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