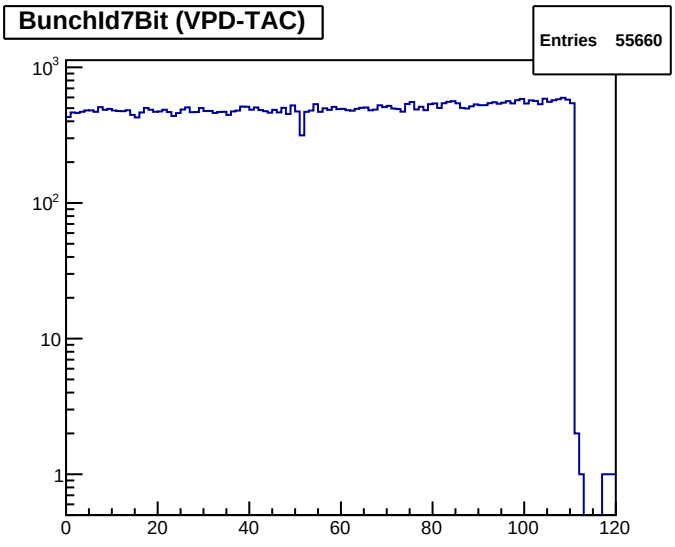
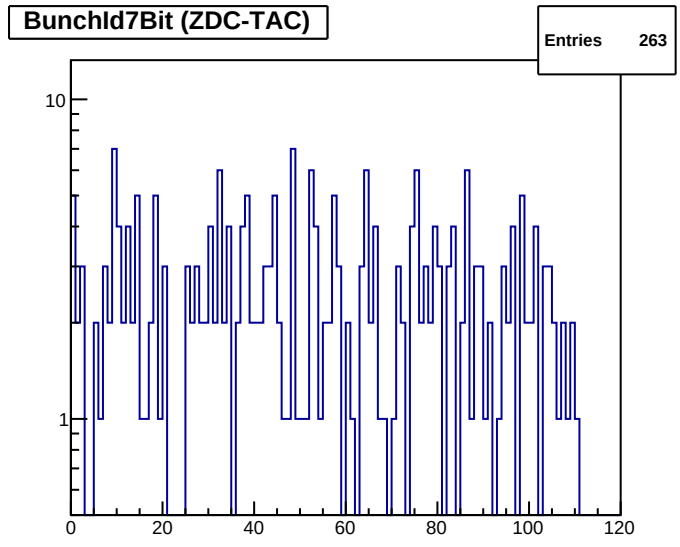
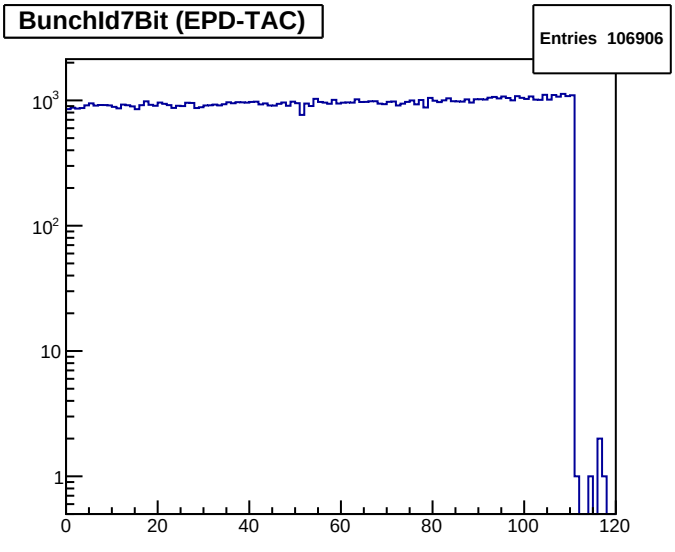
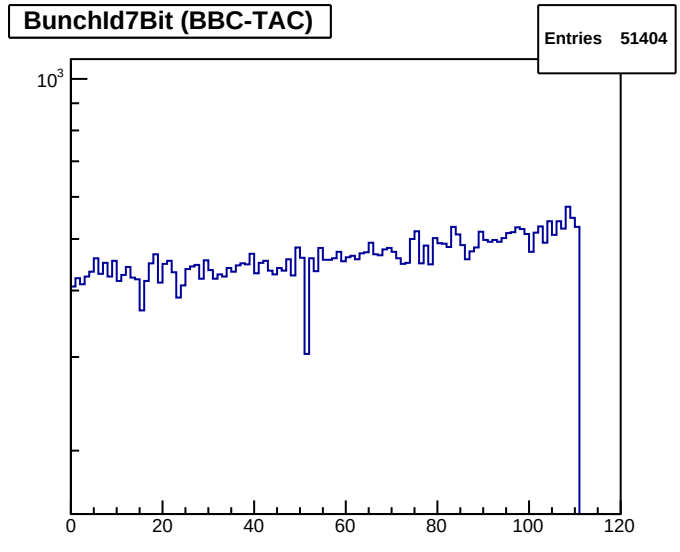
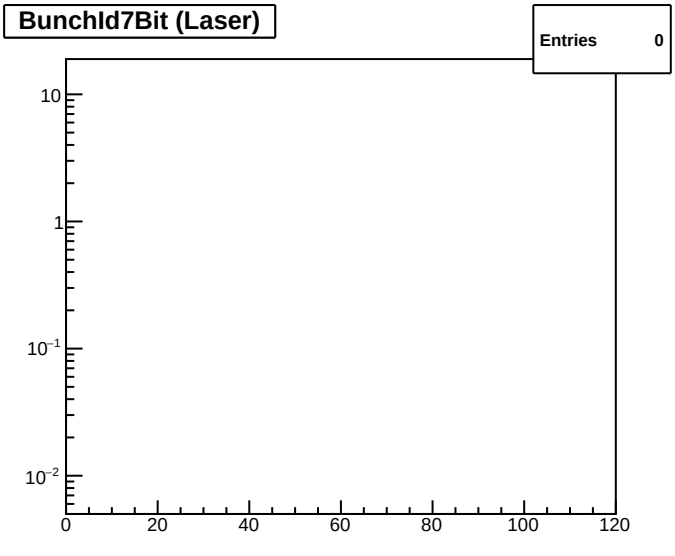
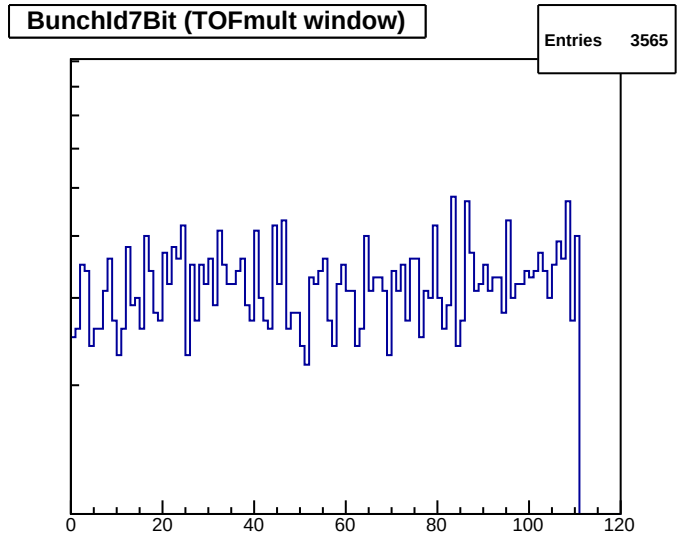

BunchId7Bit (VPD-TAC)
Entries 55660

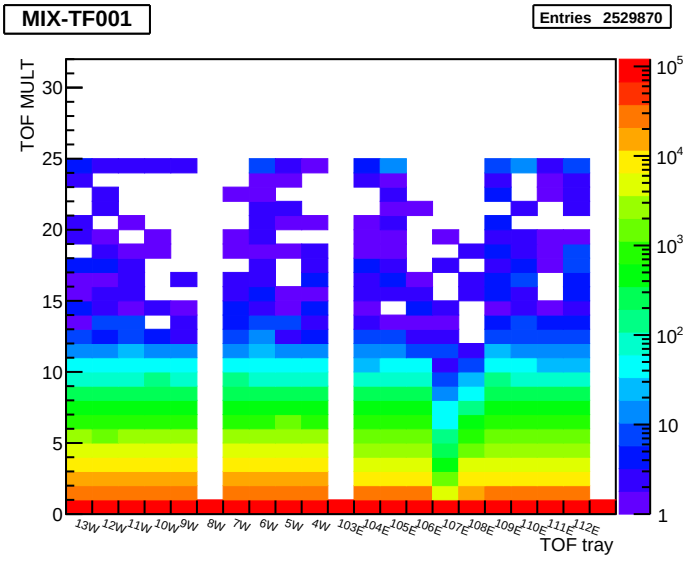

BunchId7Bit (ZDC-TAC)
Entries 263

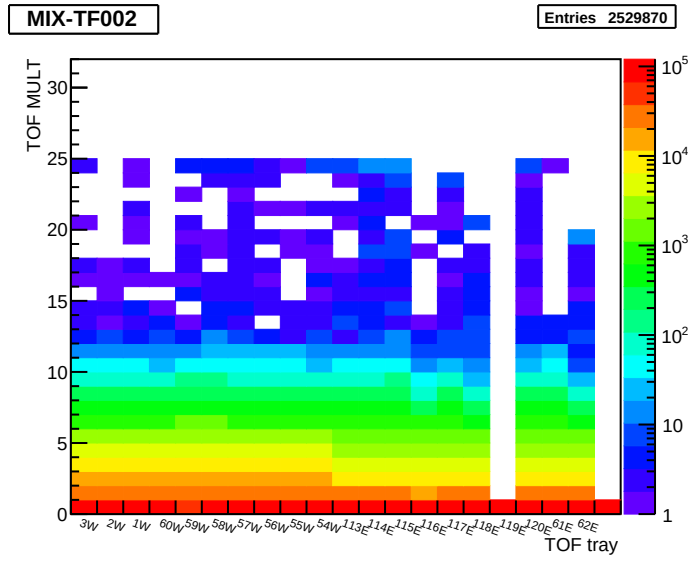

BunchId7Bit (EPD-TAC)
Entries 106906

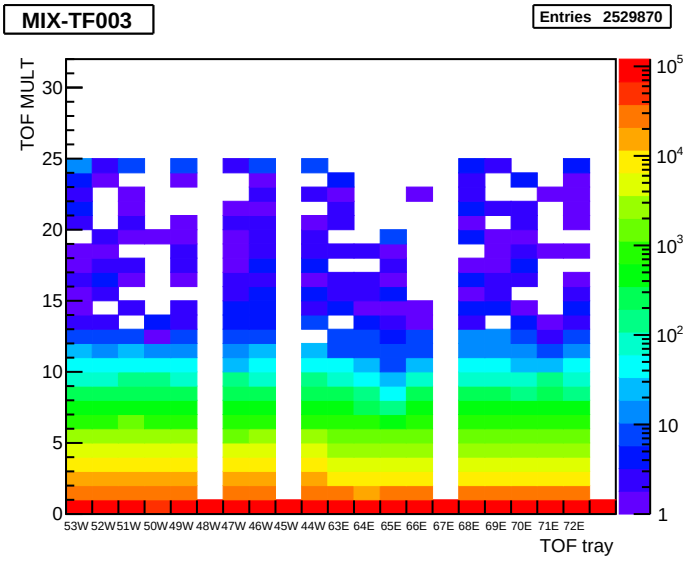

BunchId7Bit (BBC-TAC)
Entries 51404

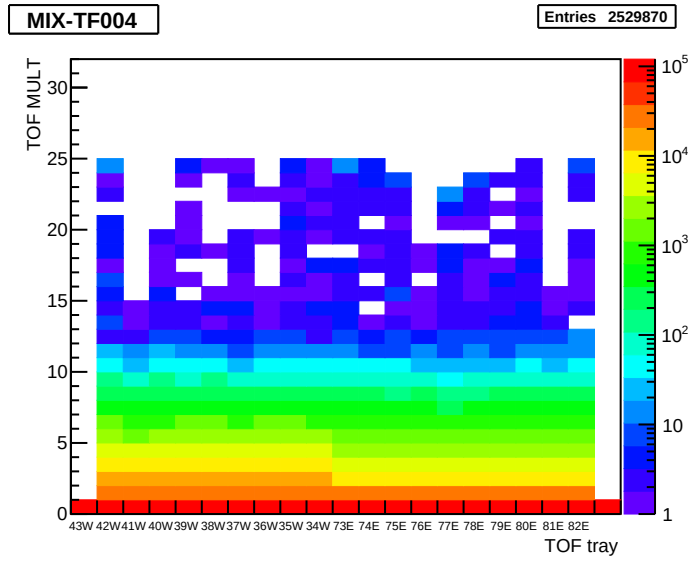

BunchId7Bit (Laser)
Entries 0

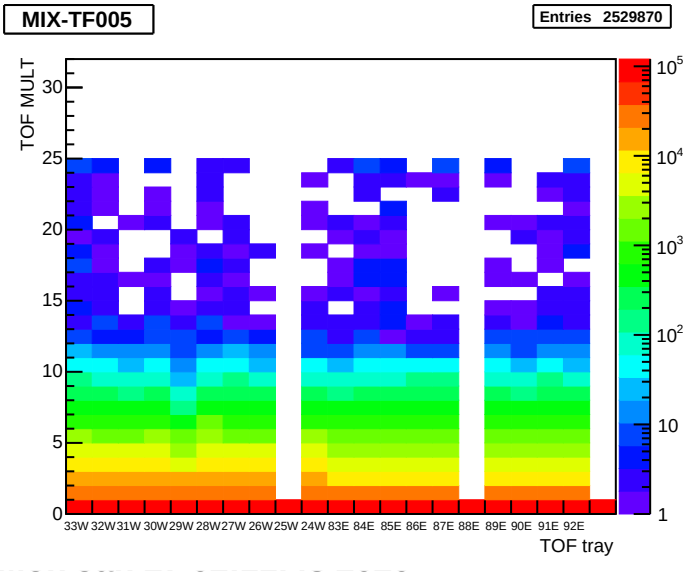

BunchId7Bit (TOFmult window)
Entries 3565

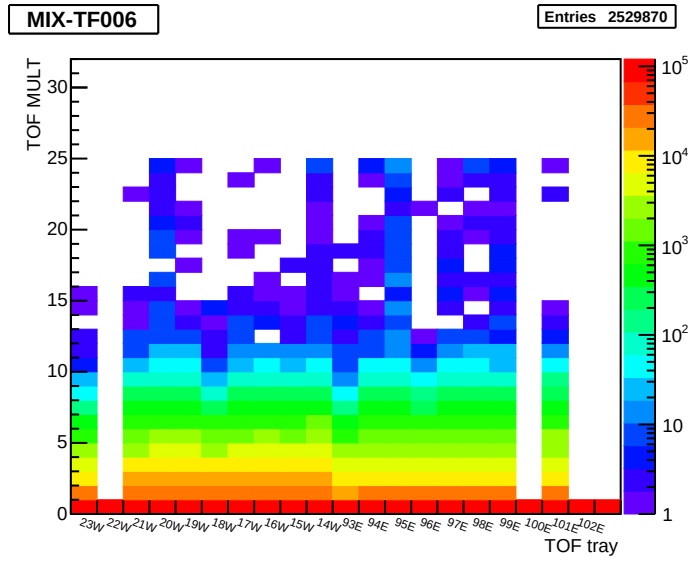

MIX-TF001
Entries 2529870
TOF MULT
TOF tray

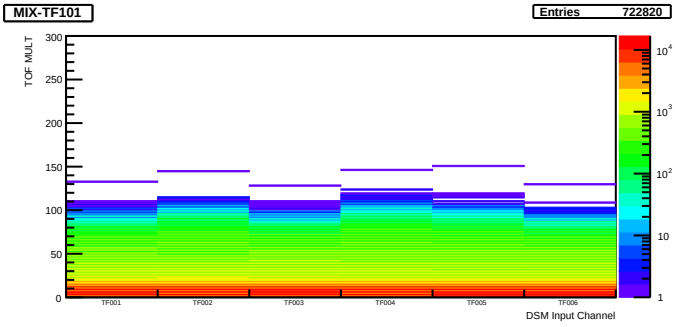

MIX-TF002
Entries 2529870
TOF MULT
TOF tray

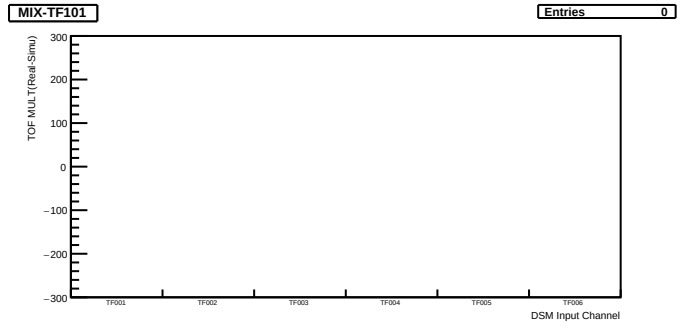

MIX-TF003
Entries 2529870
TOF MULT
TOF tray

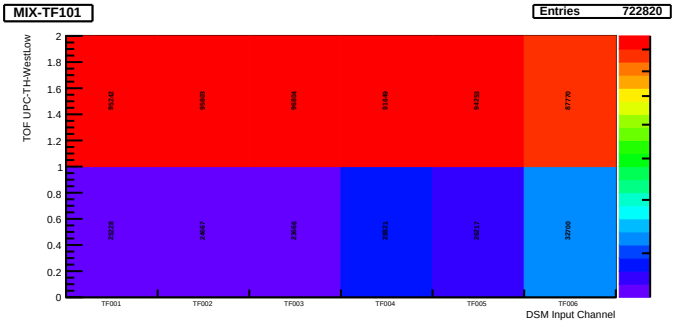

MIX-TF004
Entries 2529870
TOF MULT
TOF tray

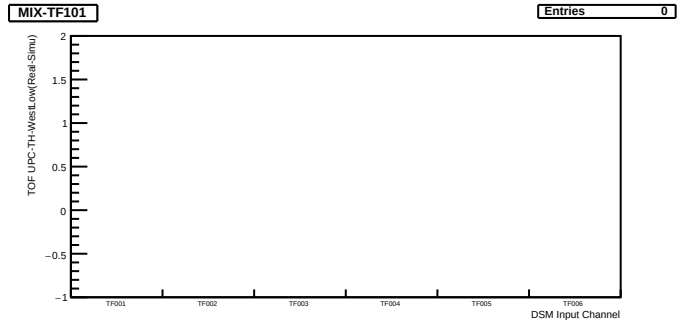

MIX-TF005
Entries 2529870
TOF MULT
TOF tray

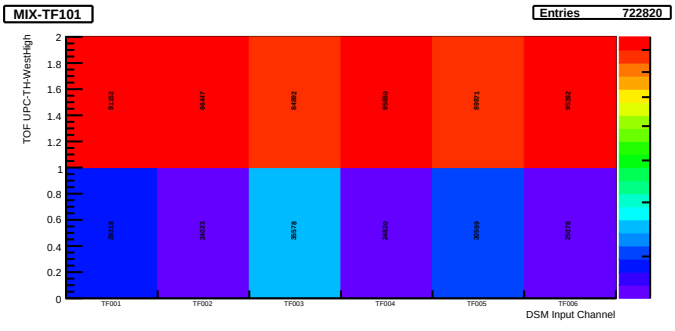

MIX-TF006
Entries 2529870
TOF MULT
TOF tray

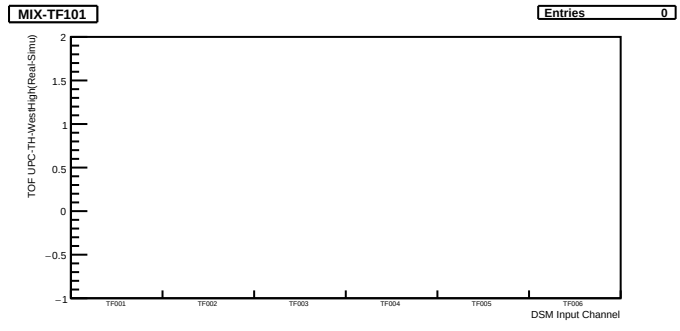

MIX-TF101
Entries 722820
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

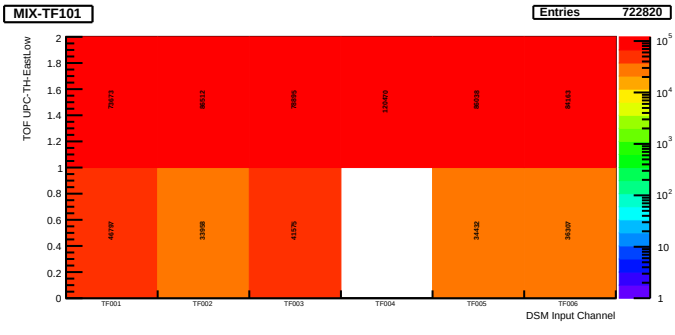

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

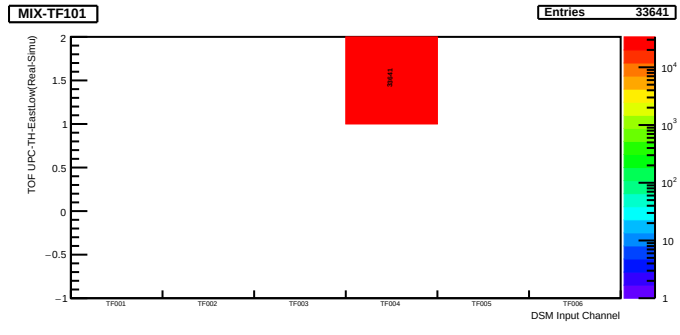

MIX-TF101
Entries 722820
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

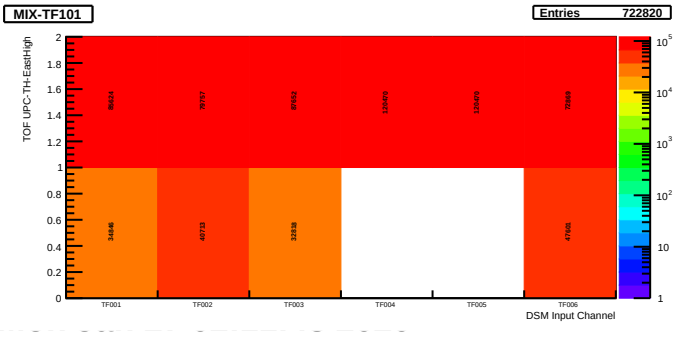

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

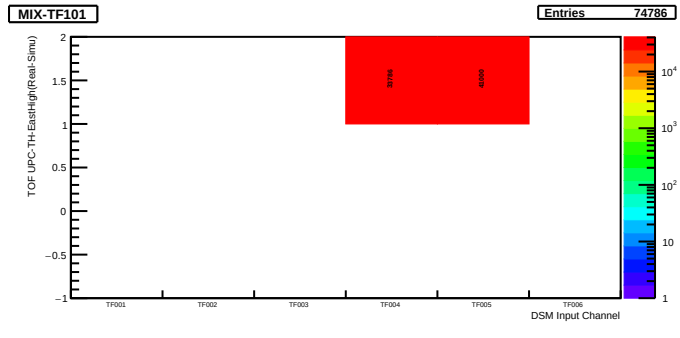

MIX-TF101
Entries 722820
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

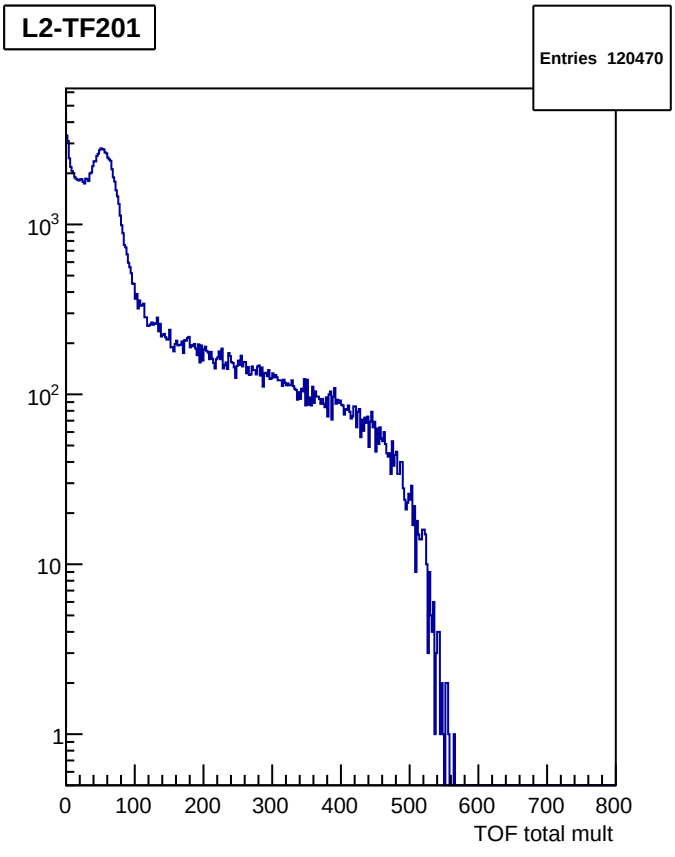

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

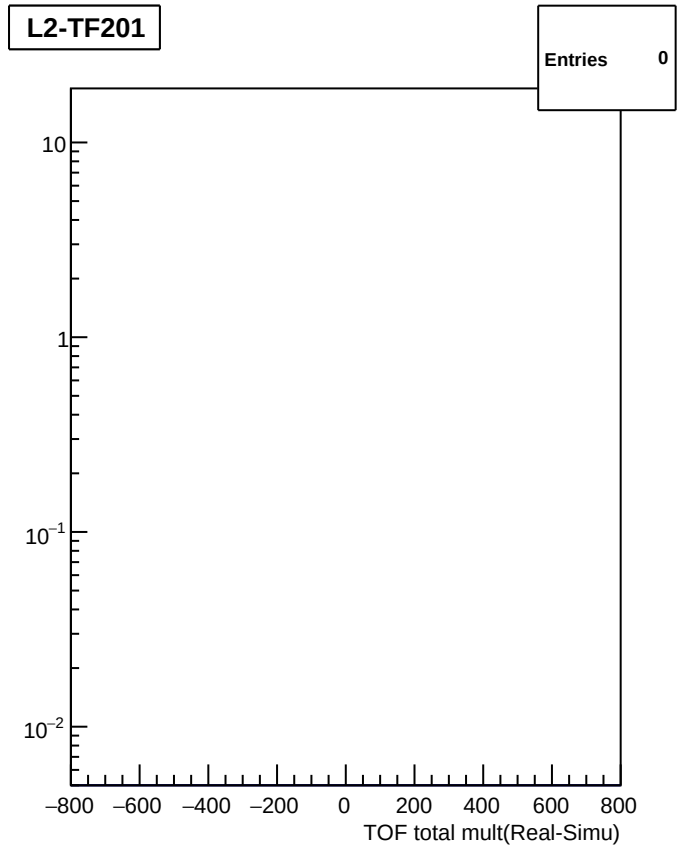

MIX-TF101
Entries 722820
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

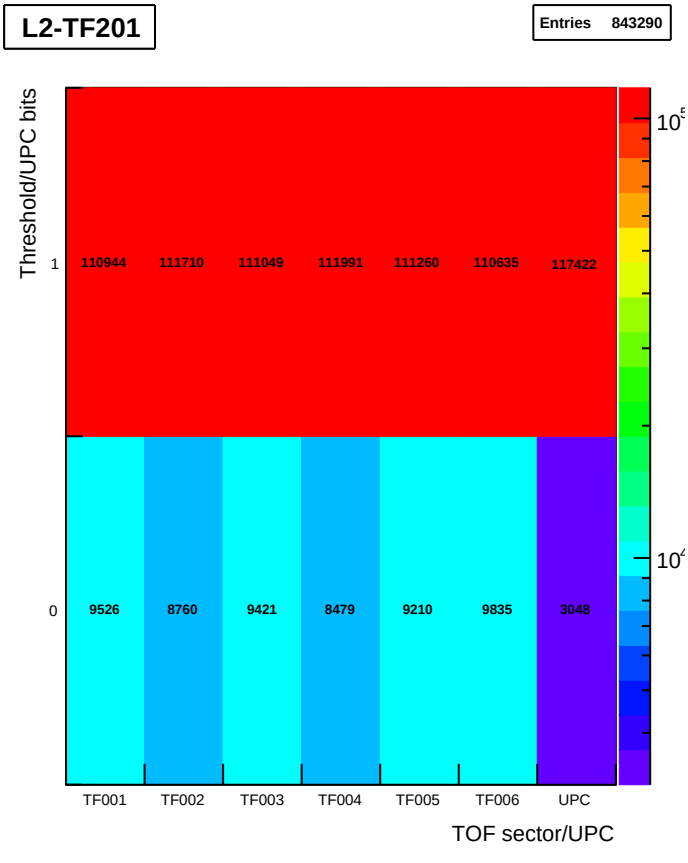

MIX-TF101
Entries 33641
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

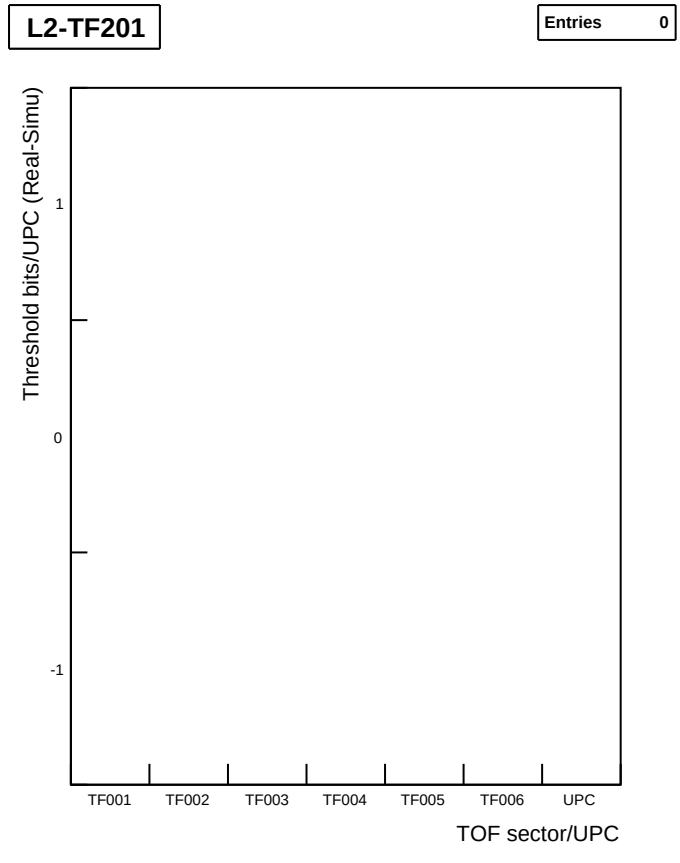

MIX-TF101
Entries 722820
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

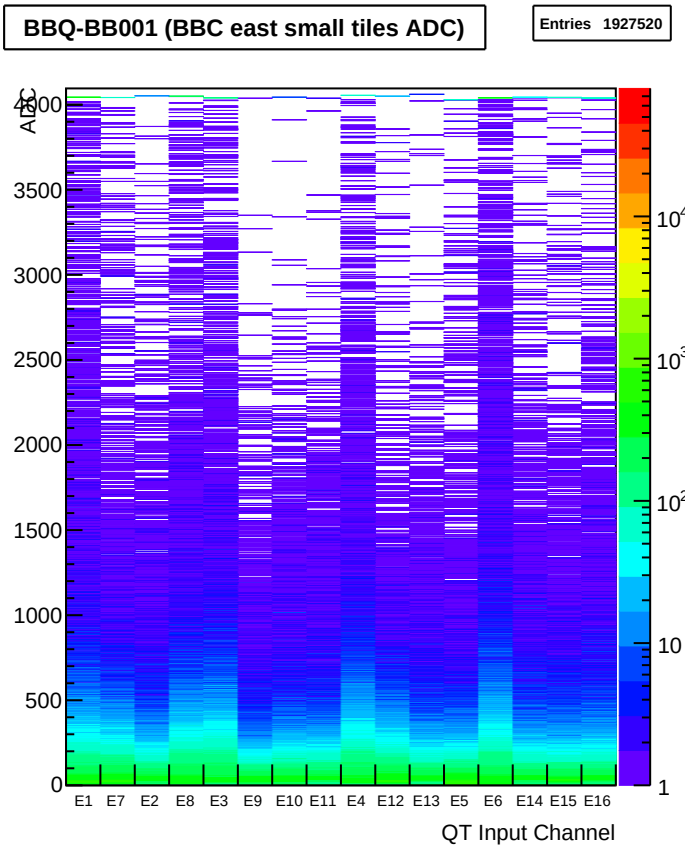

MIX-TF101
Entries 74786
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

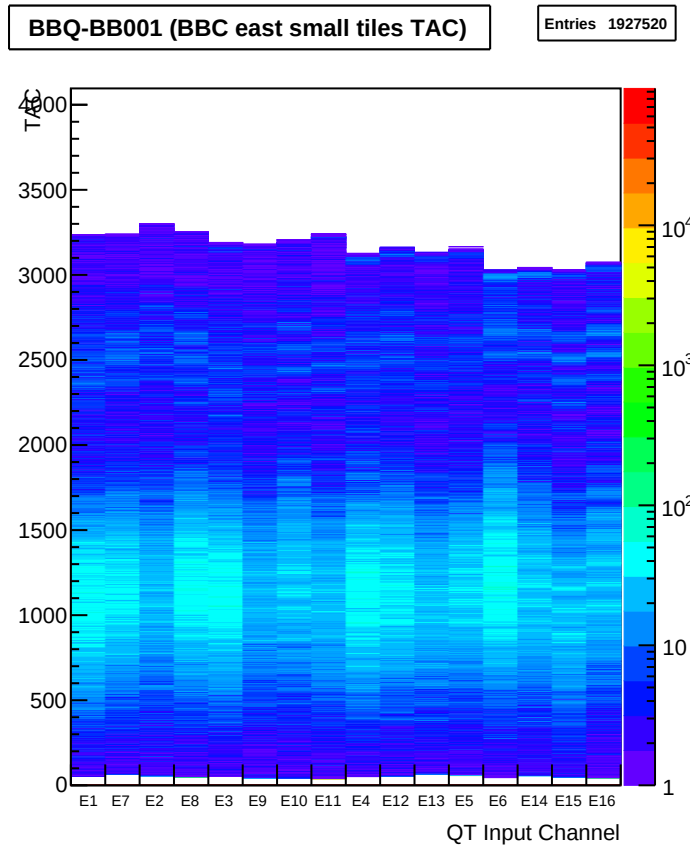

L2-TF201
Entries 120470
TOF total mult

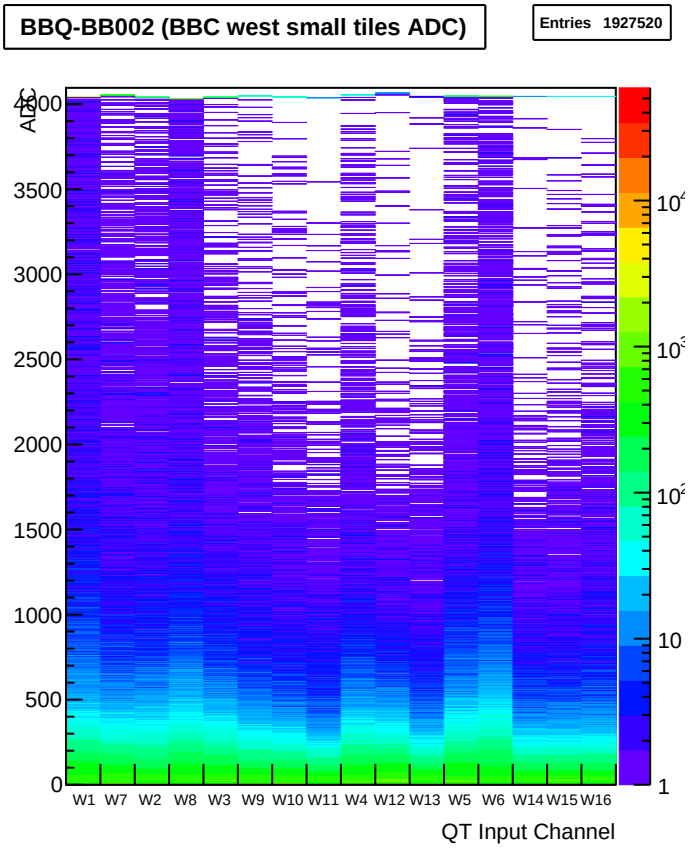

L2-TF201
Entries 0
TOF total mult(Real-Simu)

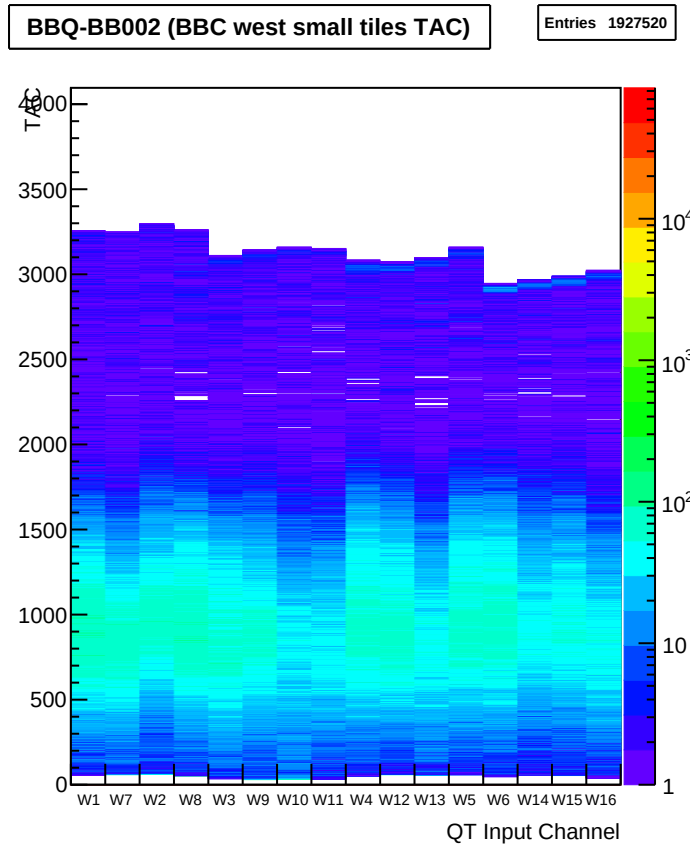

L2-TF201
Entries 843290
Threshold/UPC bits
110944
111710
111049
111991
111260
110635
117422
9526
8760
9421
8479
9210
9835
3048
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

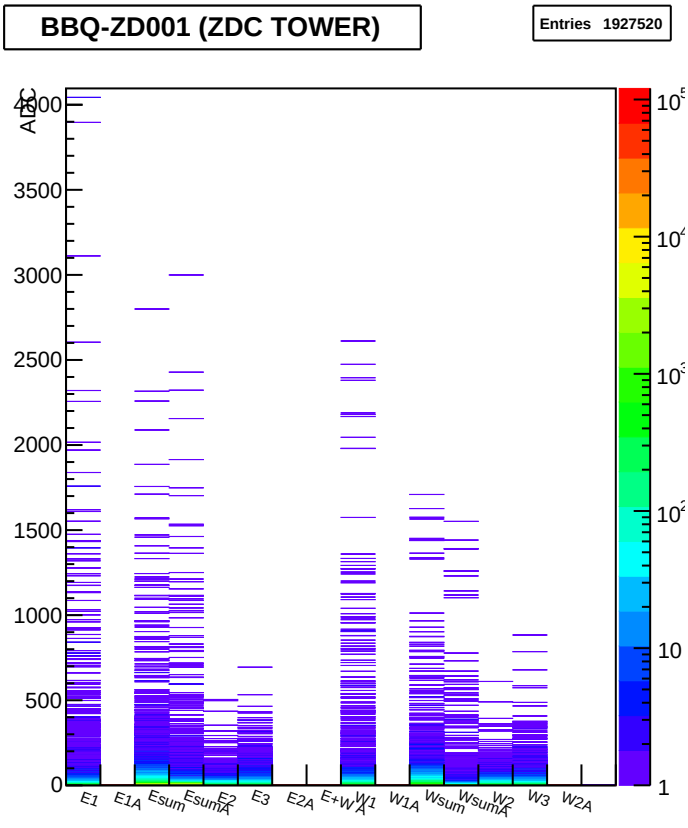

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

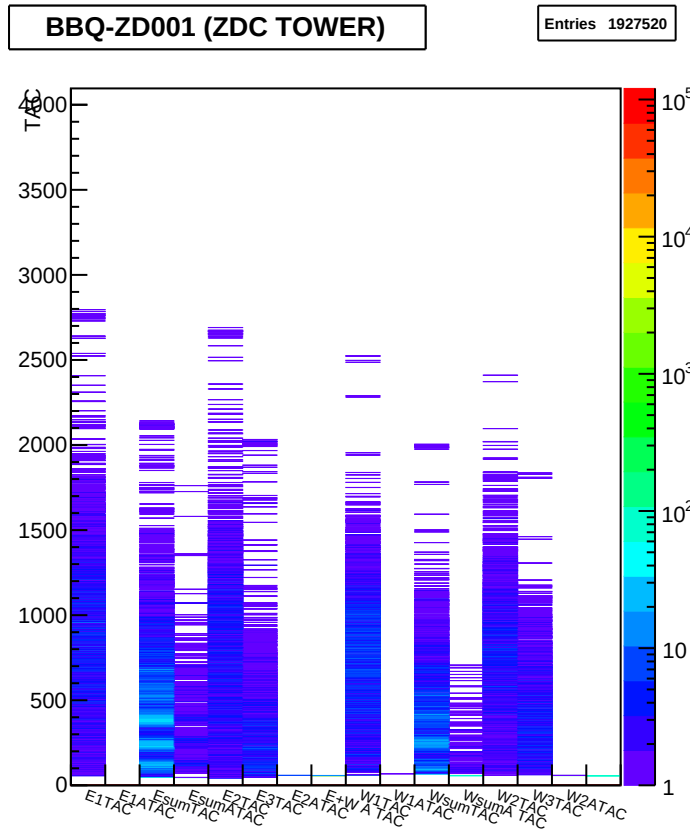

BBQ-BB001 (BBC east small tiles ADC)
Entries 1927520
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

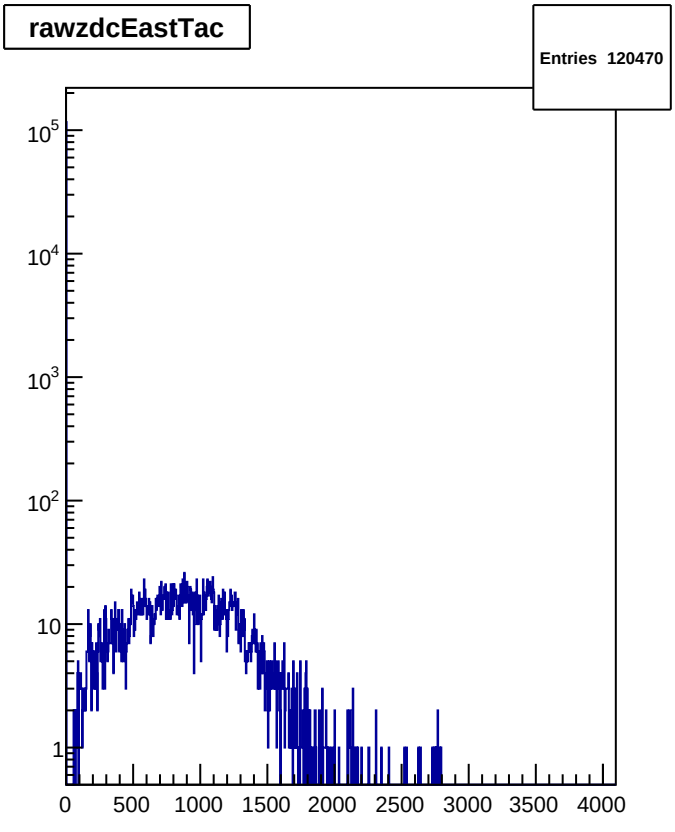

BBQ-BB001 (BBC east small tiles TAC)
Entries 1927520
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

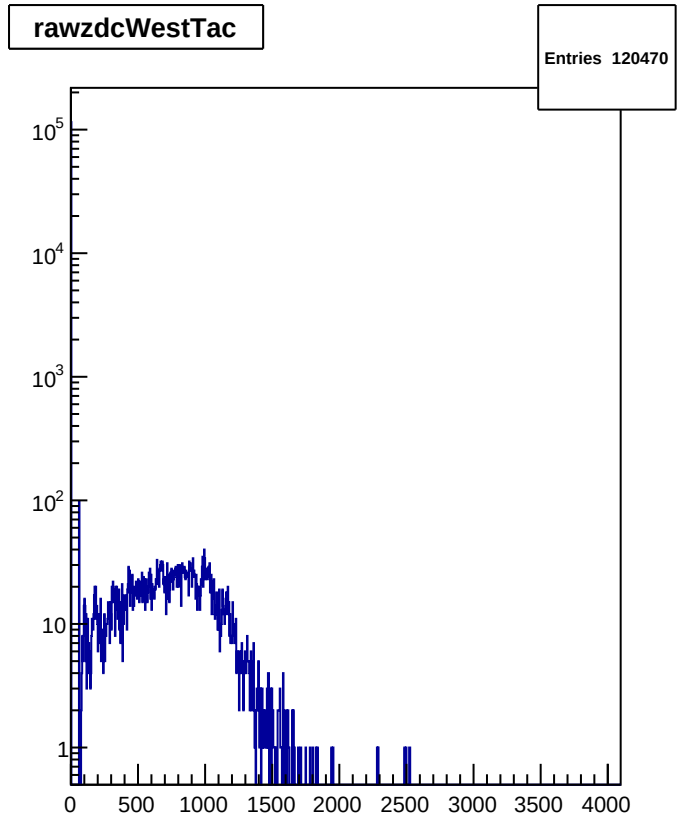

BBQ-BB002 (BBC west small tiles ADC)
Entries 1927520
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

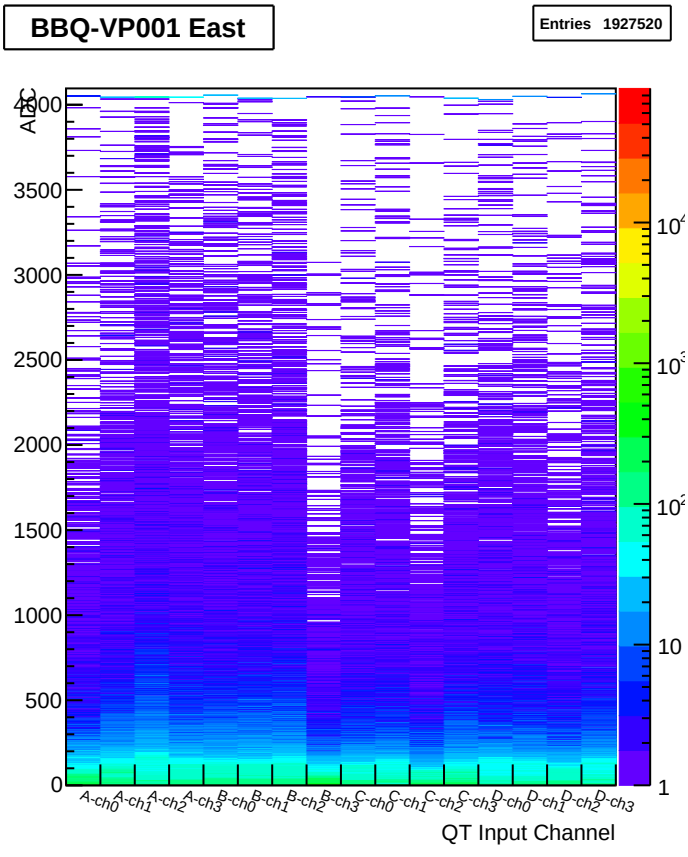

BBQ-BB002 (BBC west small tiles TAC)
Entries 1927520
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

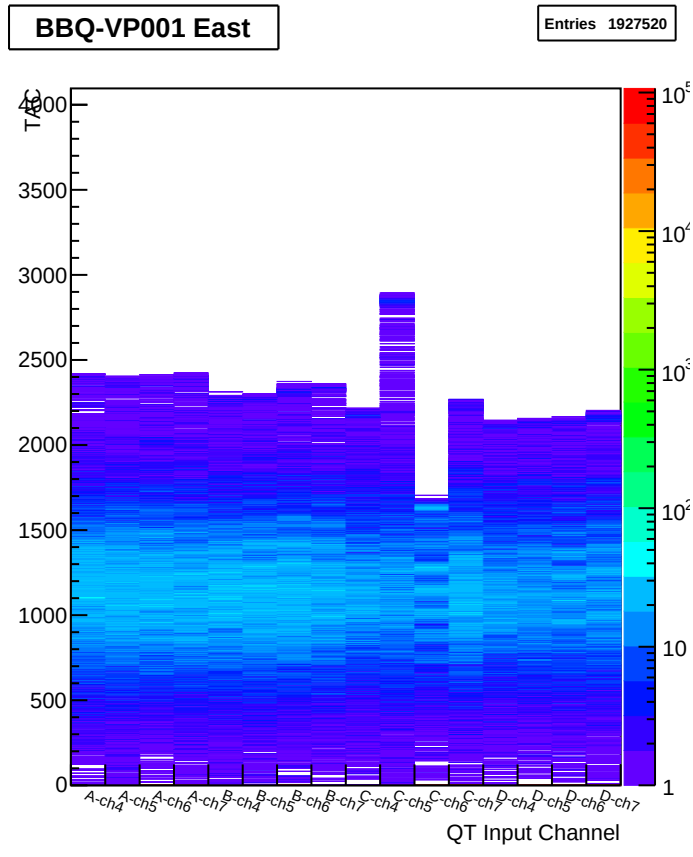

BBQ-ZD001 (ZDC TOWER)
Entries 1927520
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

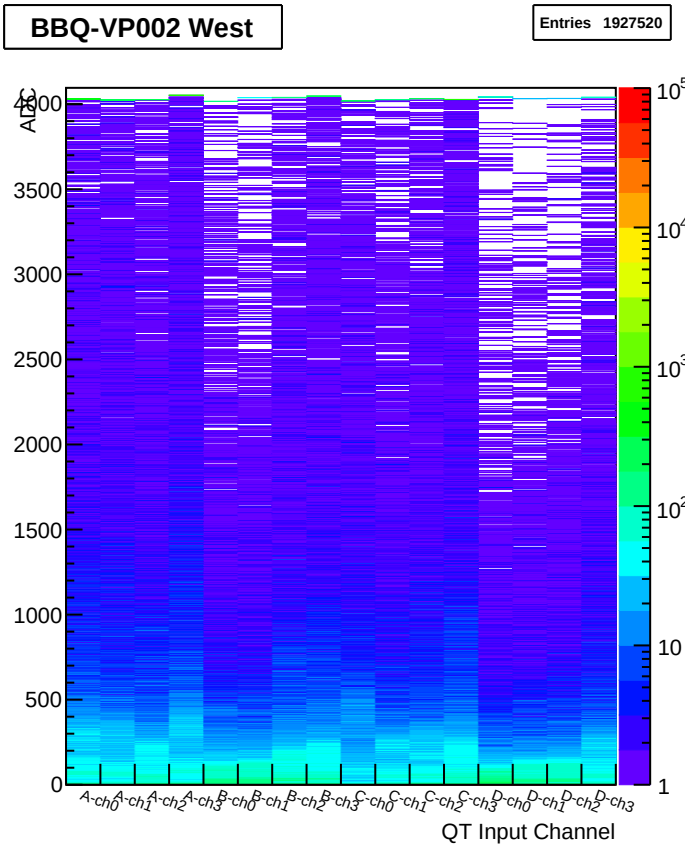

BBQ-ZD001 (ZDC TOWER)
Entries 1927520
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

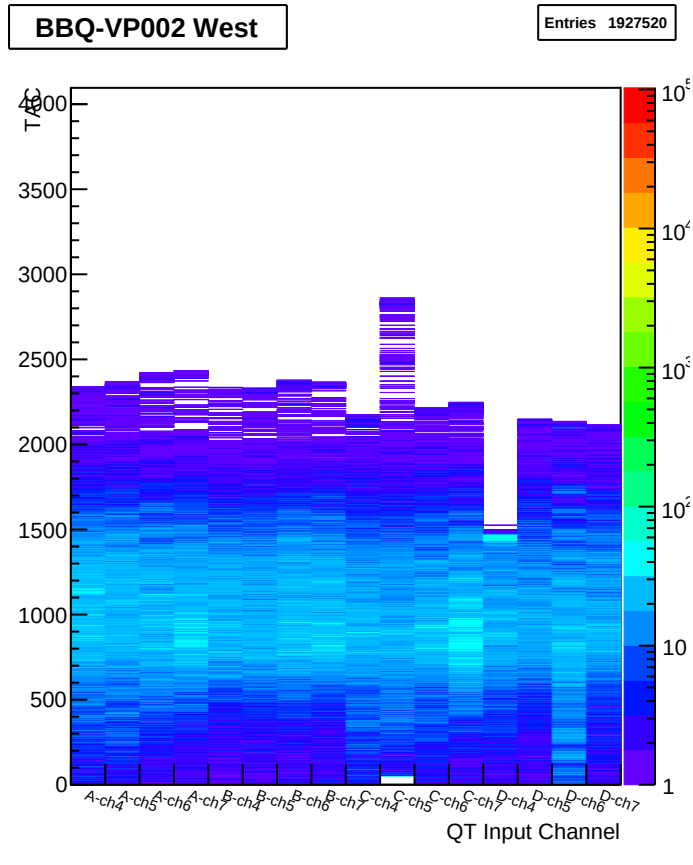

rawzdcEastTac
Entries 120470

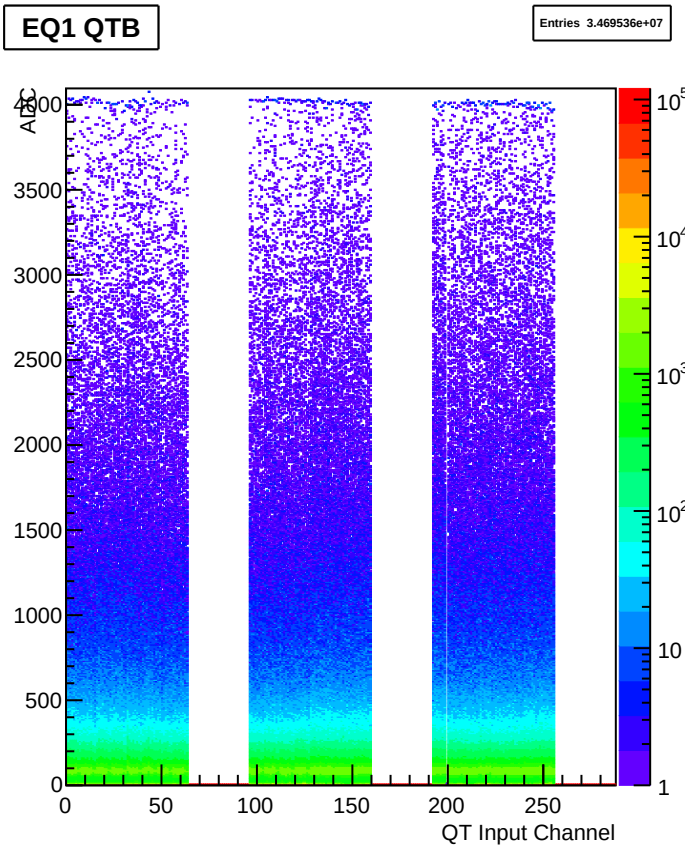

rawzdcWestTac
Entries 120470

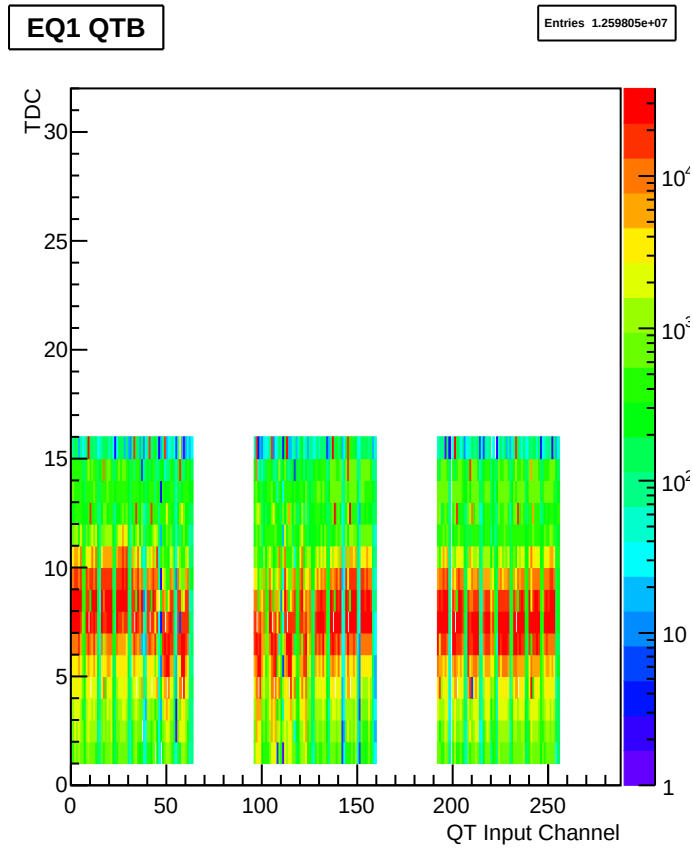

BBQ-VP001 East
Entries 1927520
ADC
QT Input Channel

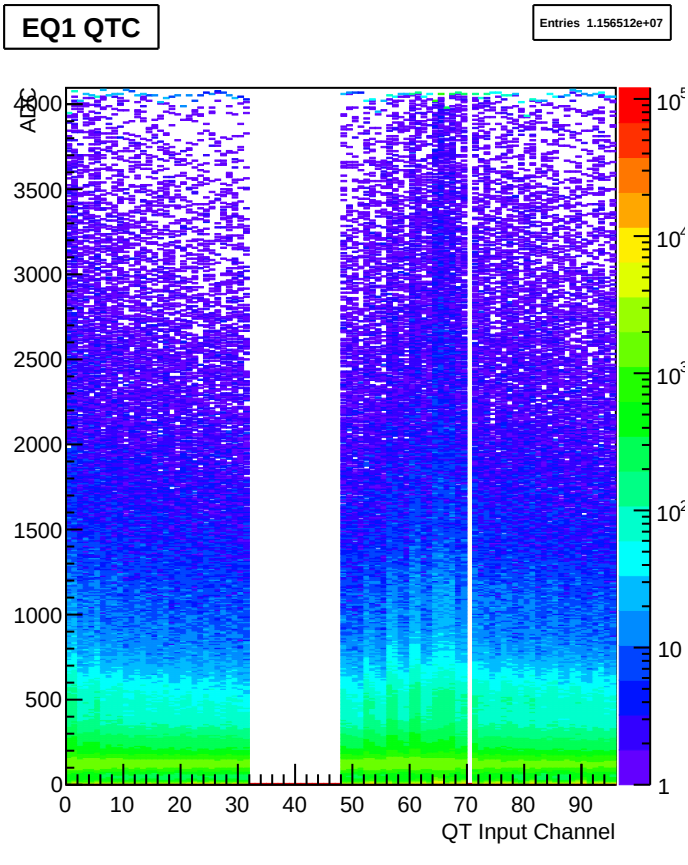

BBQ-VP001 East
Entries 1927520
TADC
QT Input Channel

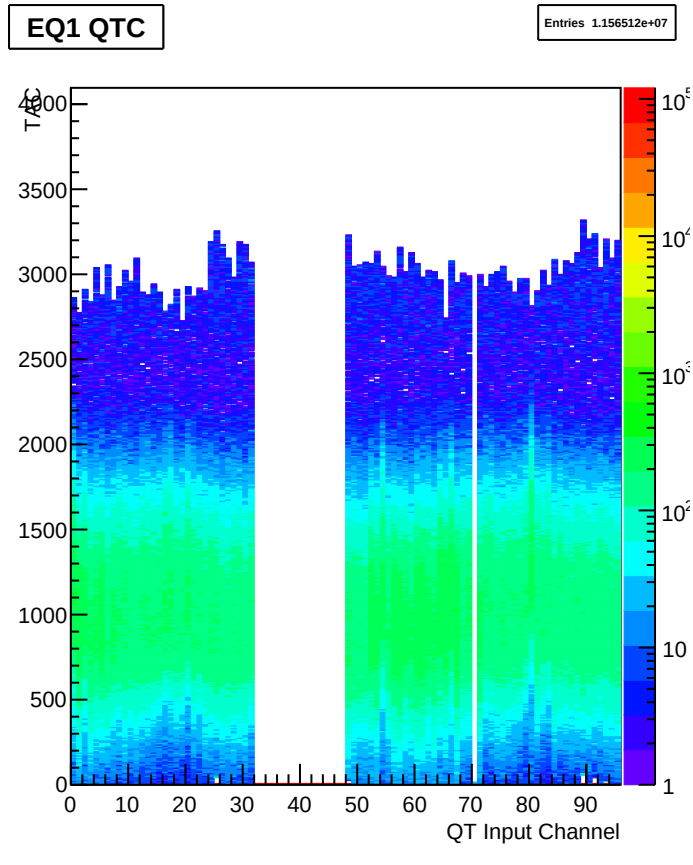

BBQ-VP002 West
Entries 1927520
ADC
QT Input Channel

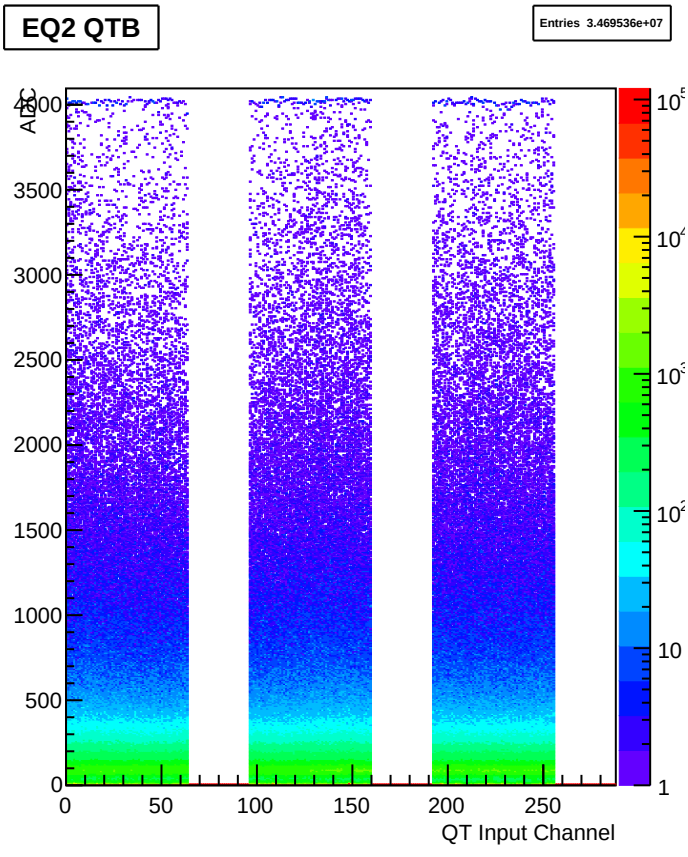

BBQ-VP002 West
Entries 1927520
TADC
QT Input Channel

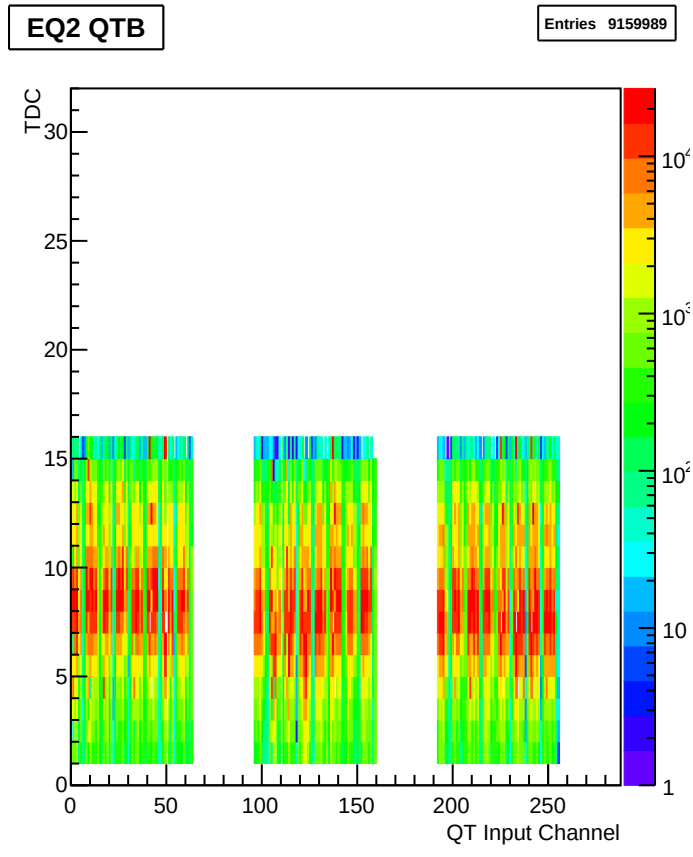

EQ1 QTB
Entries 3.469536e+07
ADC
QT Input Channel

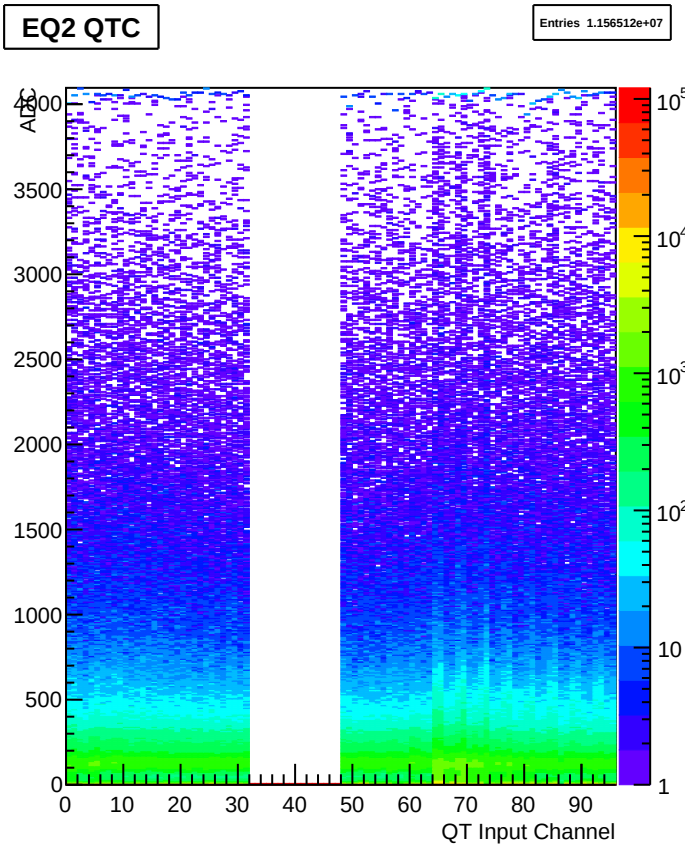

EQ1 QTB
Entries 1.259805e+07
TDC
QT Input Channel

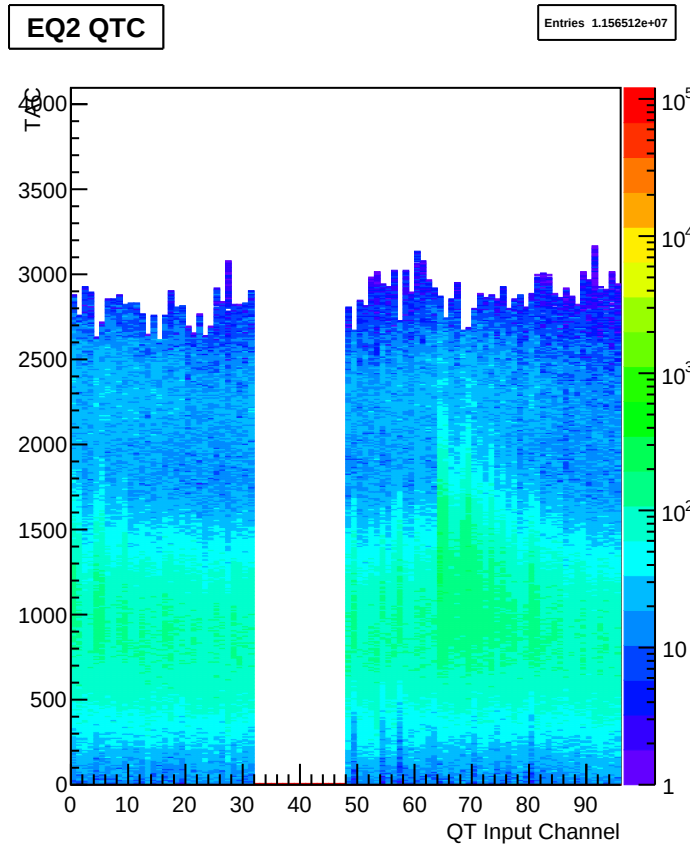

EQ1 QTC
Entries 1.156512e+07
ADC
QT Input Channel

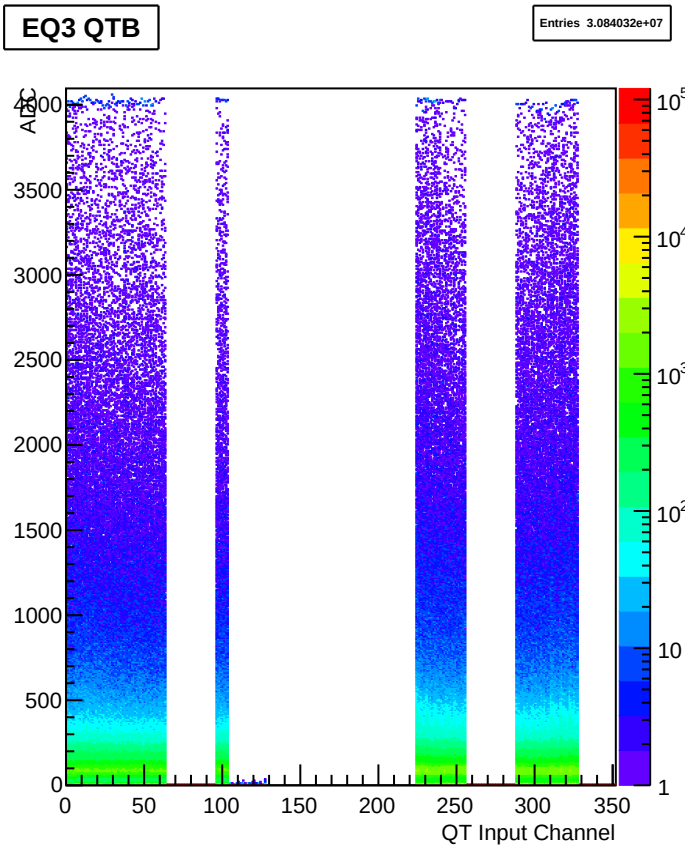

EQ1 QTC
Entries 1.156512e+07
TADC
QT Input Channel

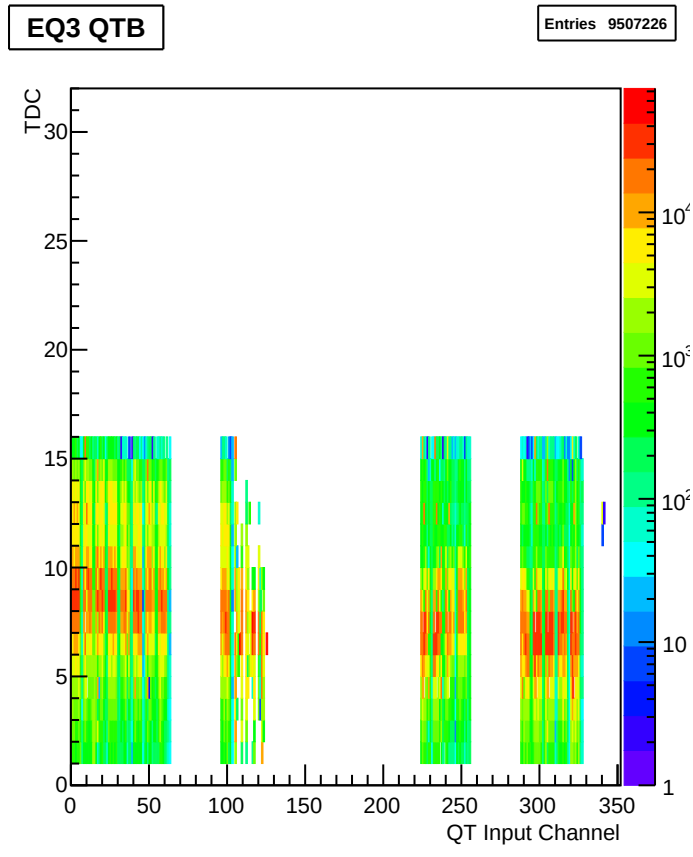

EQ2 QTB
Entries 3.469536e+07
ADC
QT Input Channel

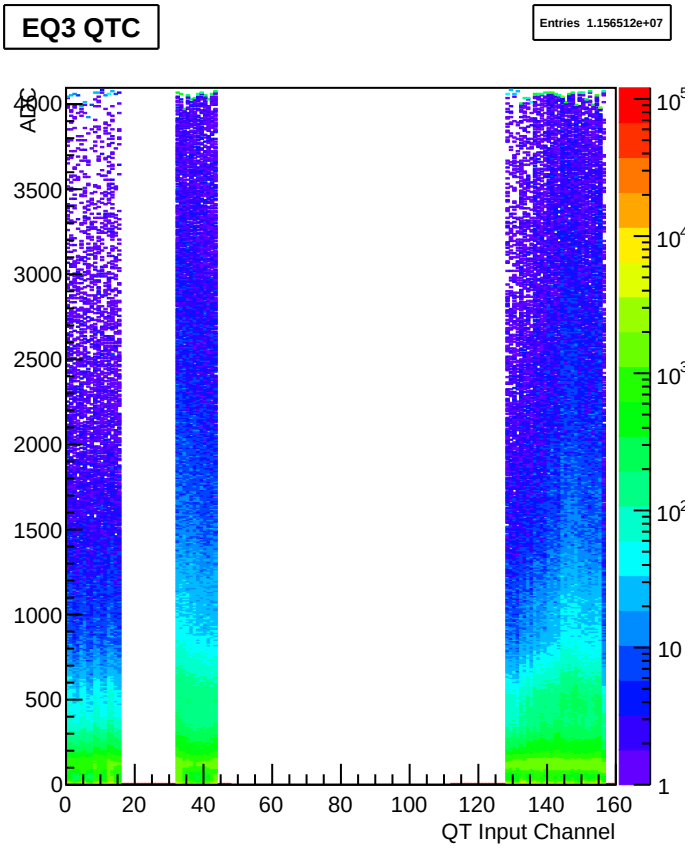

EQ2 QTB
Entries 9159989
TDC
QT Input Channel

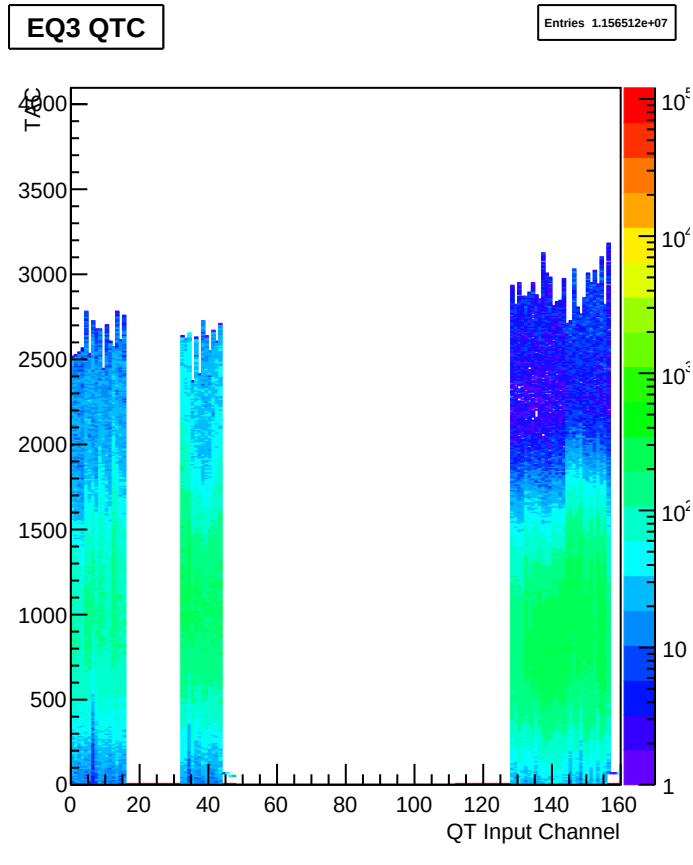

EQ2 QTC
Entries 1.156512e+07
ADC
QT Input Channel

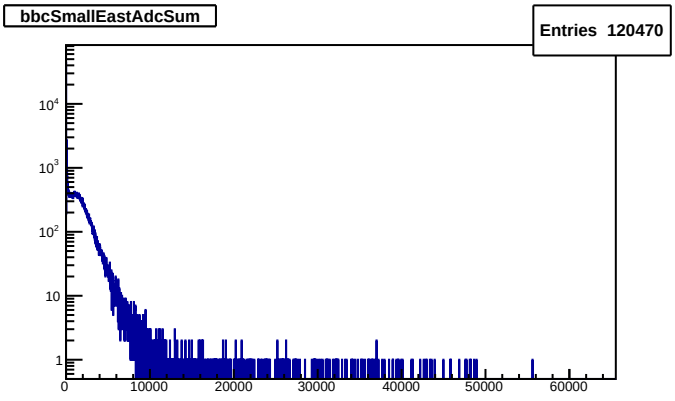

EQ2 QTC
Entries 1.156512e+07
TADC
QT Input Channel

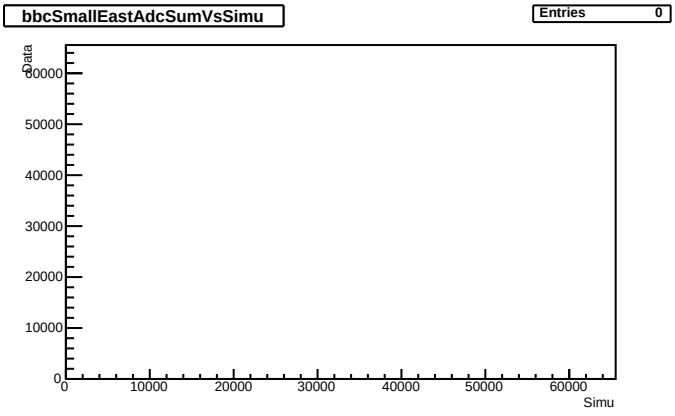

EQ3 QTB
Entries 3.084032e+07
ADC
QT Input Channel

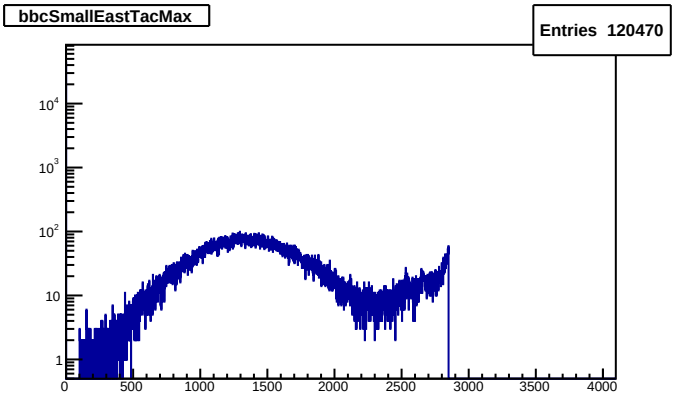

EQ3 QTB
Entries 9507226
TDC
QT Input Channel

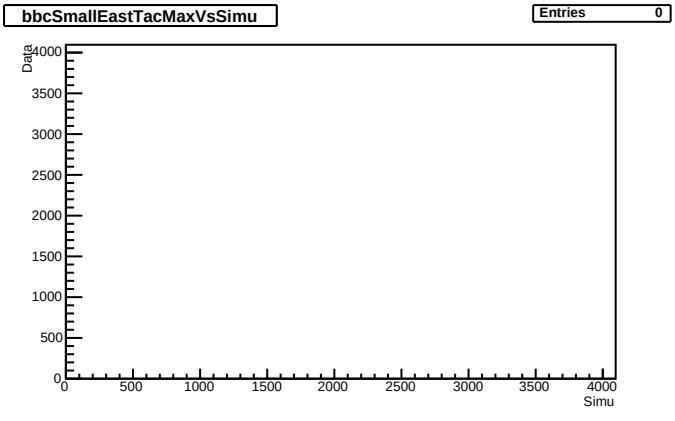

EQ3 QTC
Entries 1.156512e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.156512e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 120470


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 120470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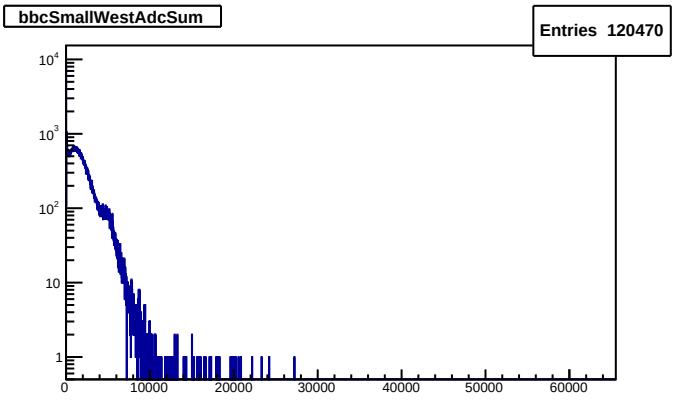
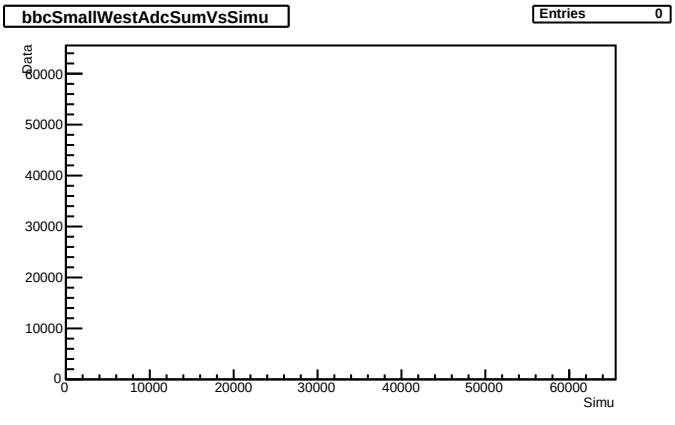
Data
Simu


bbcSmallWestAdcSum
Entries 120470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Entries 0
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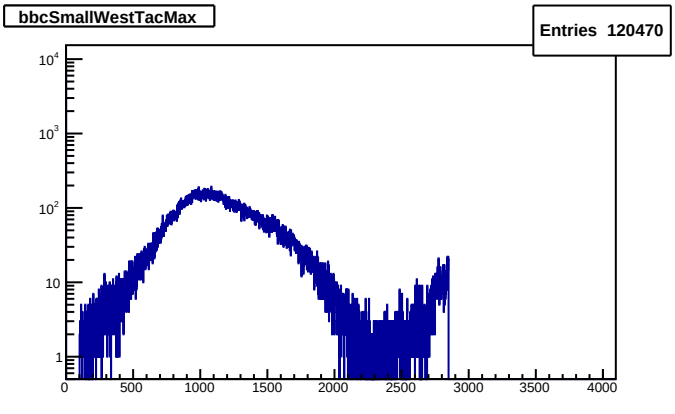
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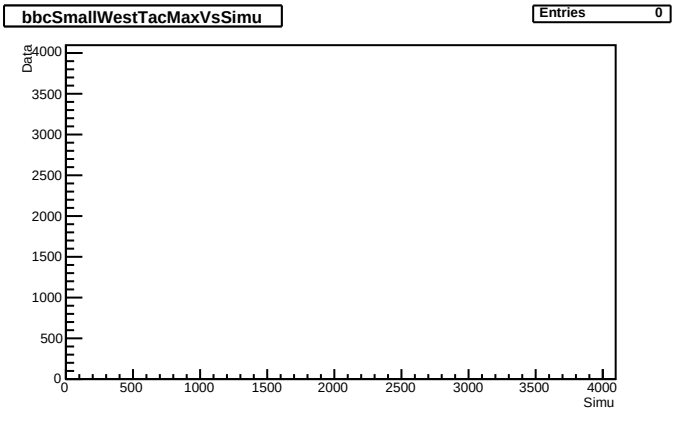
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Entries 0
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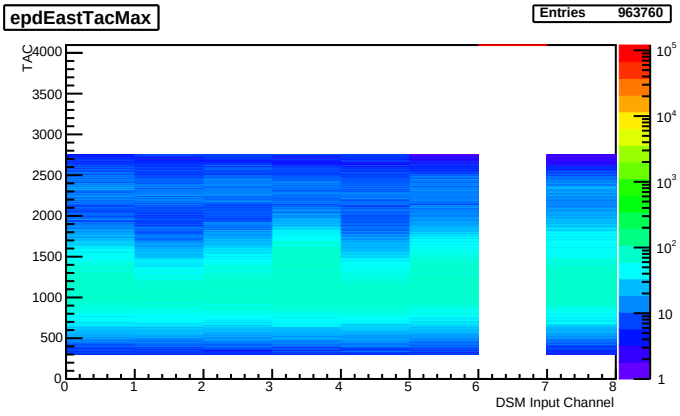
Simu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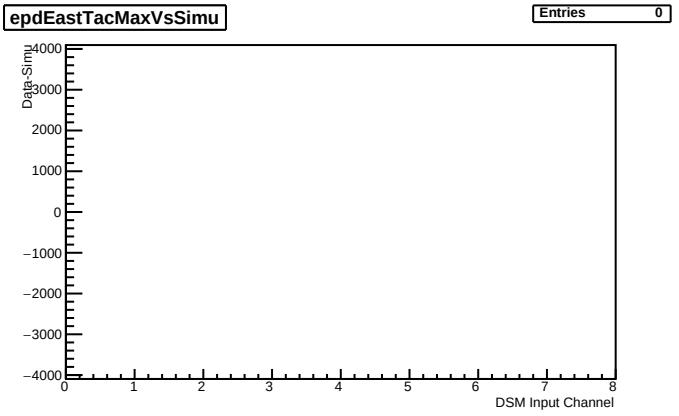
DSM Input Channel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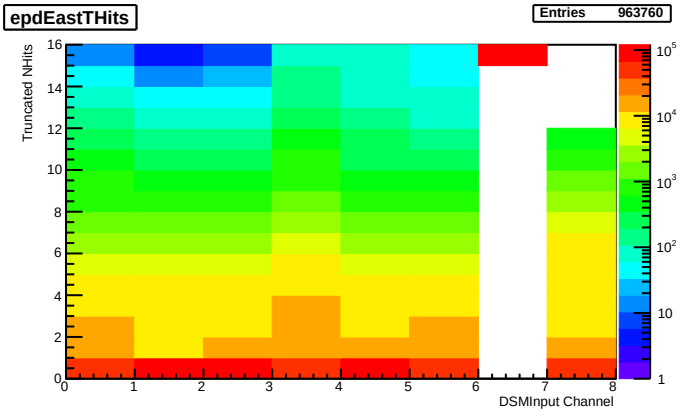
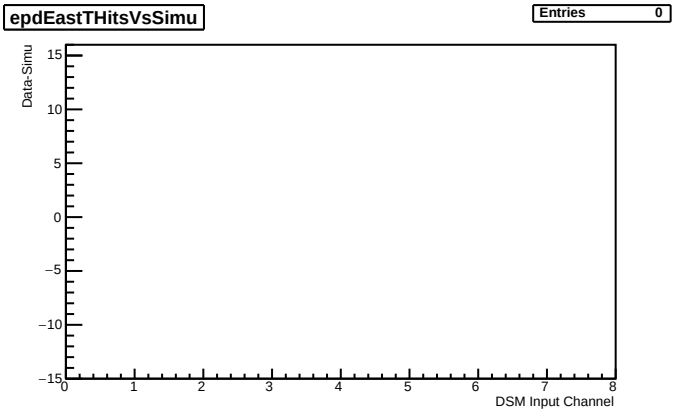

epdEastTHits
Entries 963760
Truncated NHits
DSMInput Channel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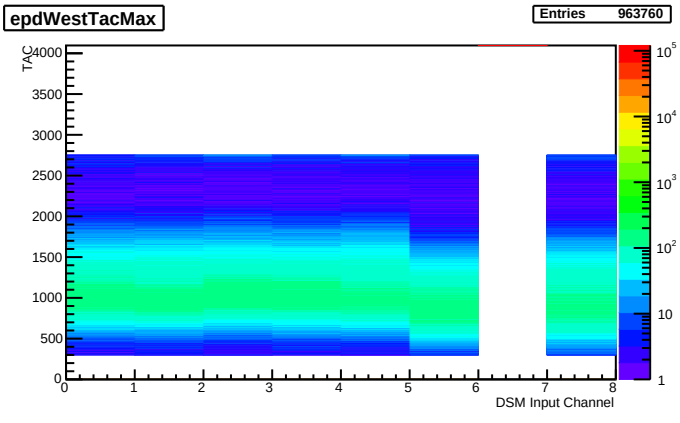
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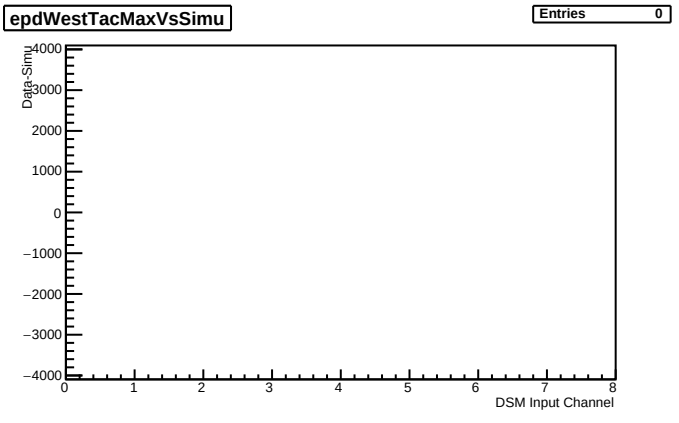
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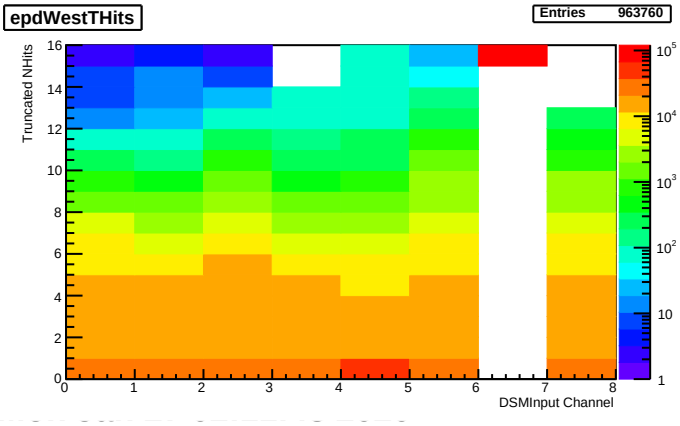
DSM Input Channel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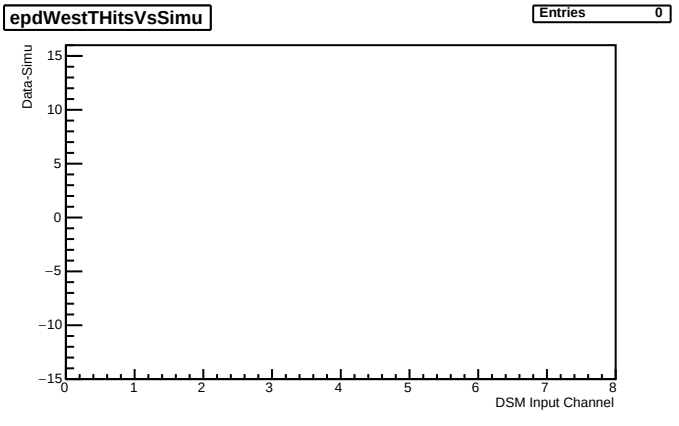
Entries 963760
Truncated NHits
DSMInput Channel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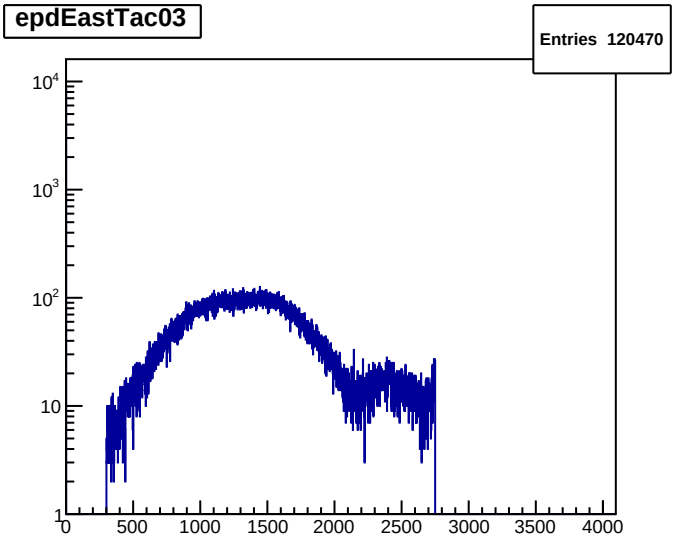
Entries 0
Data-Simu
DSM Input Channel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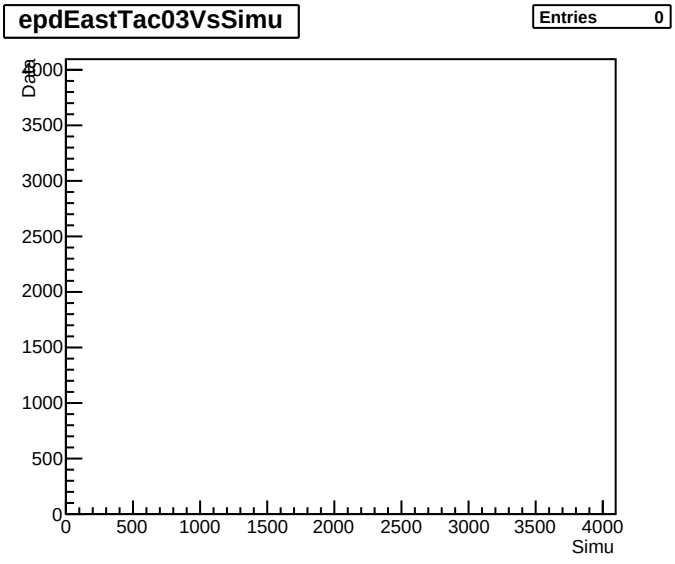
Entries 120470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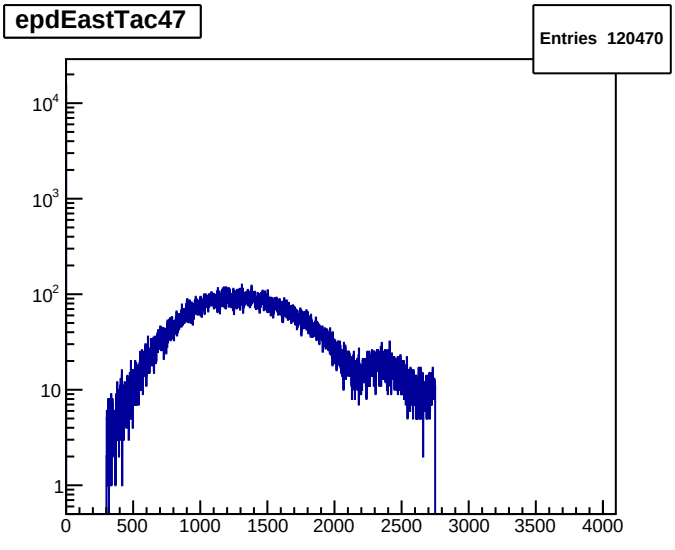
Entries 0
Data
Simu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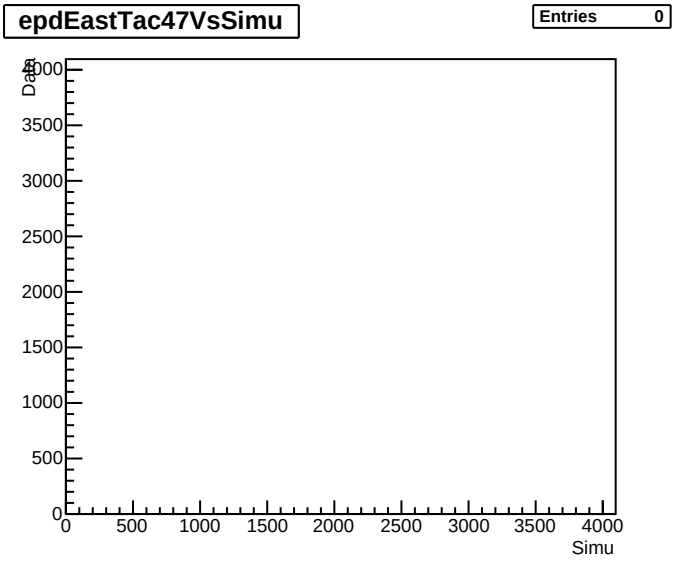
Entries 120470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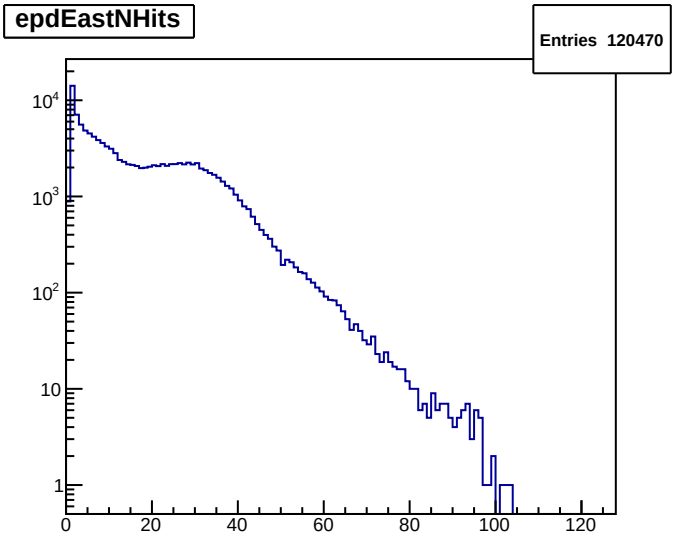
Entries 0
Data
Simu


epdEastNHits
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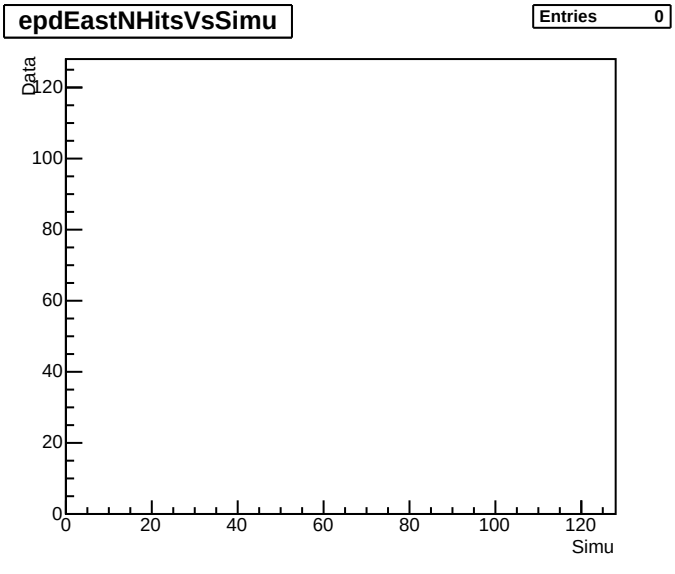
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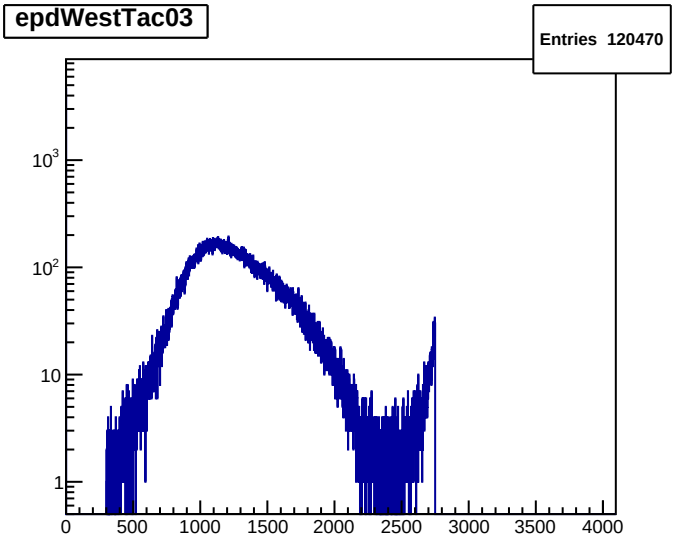
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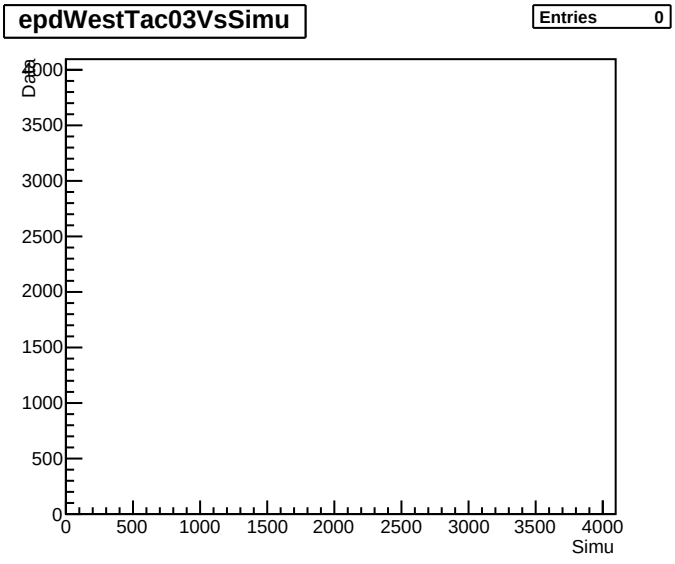
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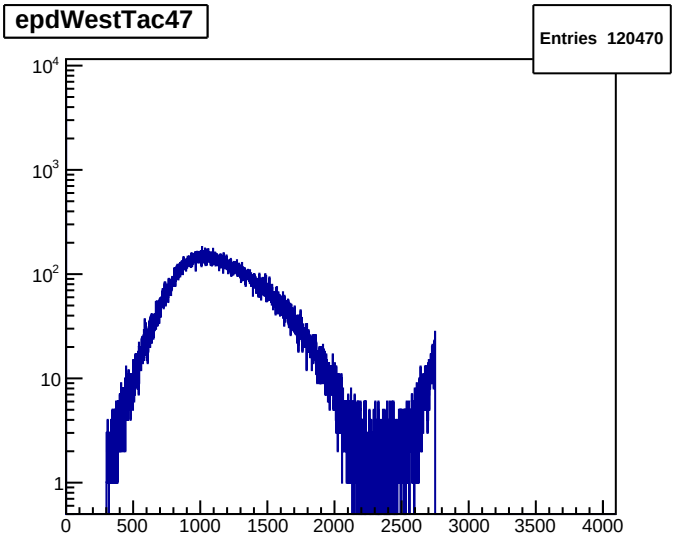
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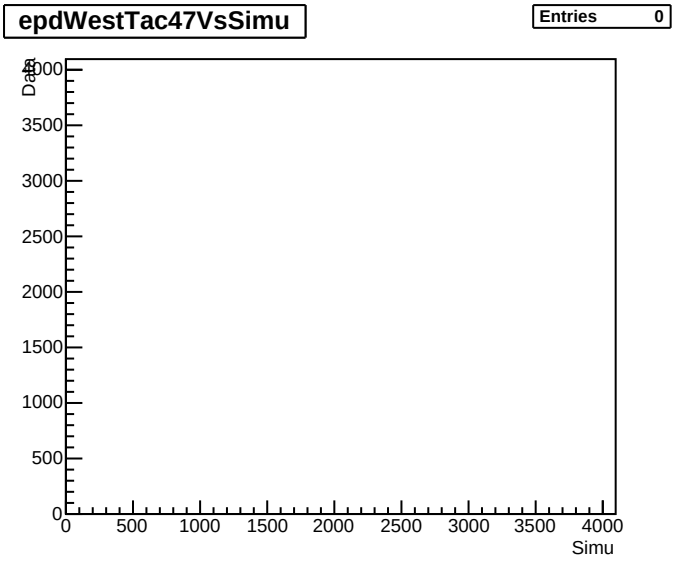
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Entries 0
Data
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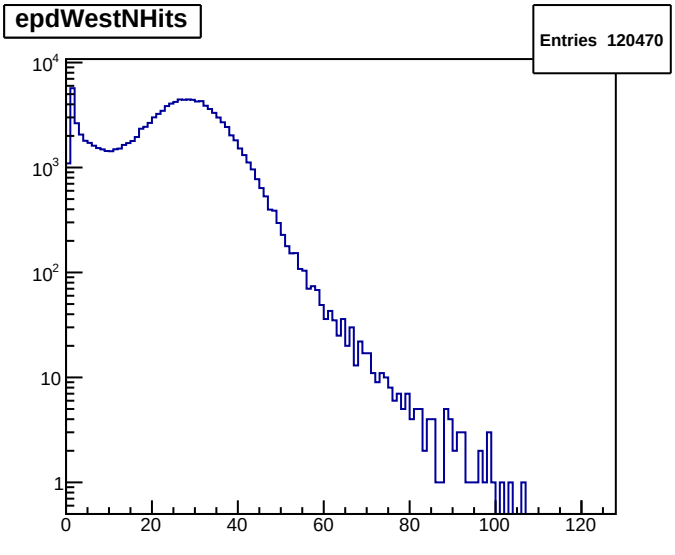
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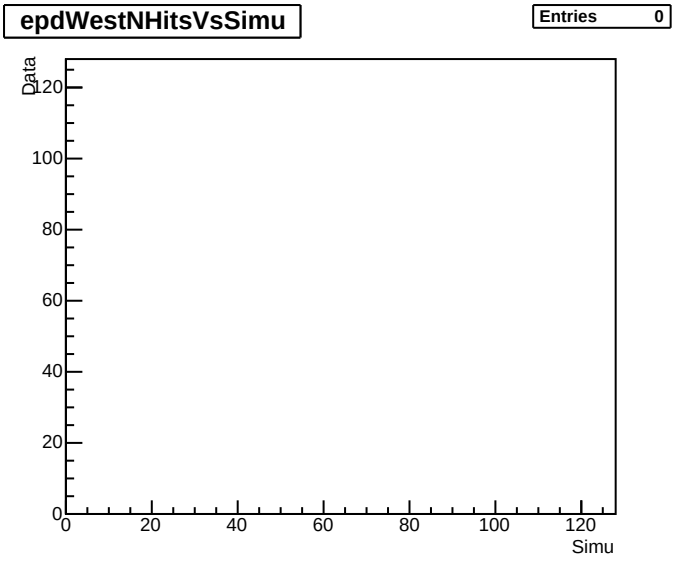
Entries 120470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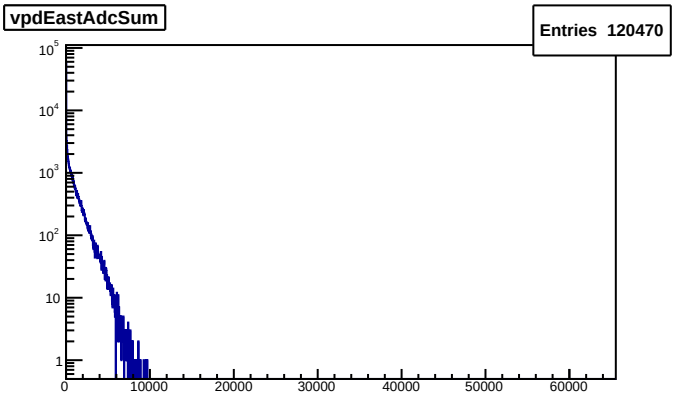
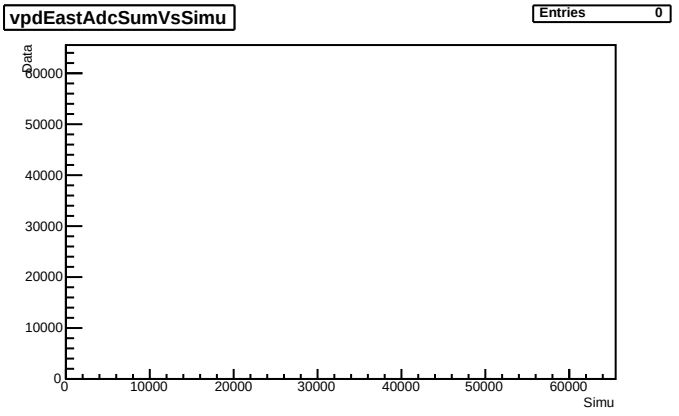
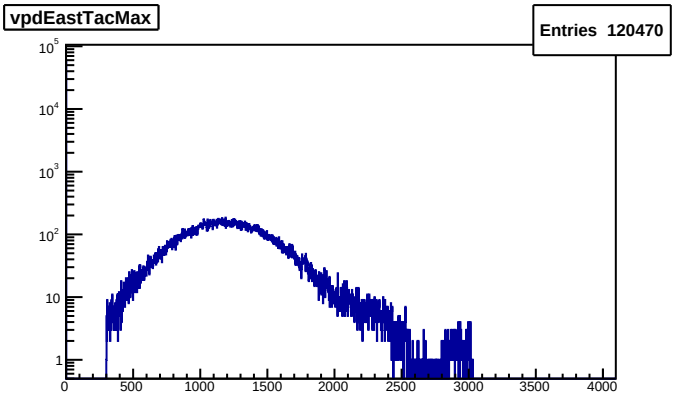
Entries 0
Data
Simu


vpdEastAdcSum
Entries 120470


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
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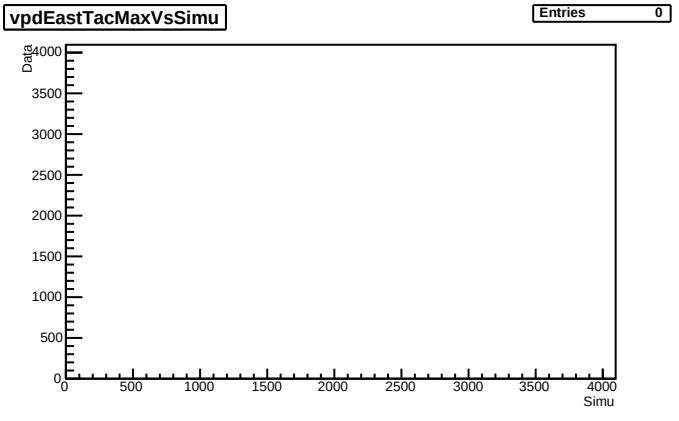
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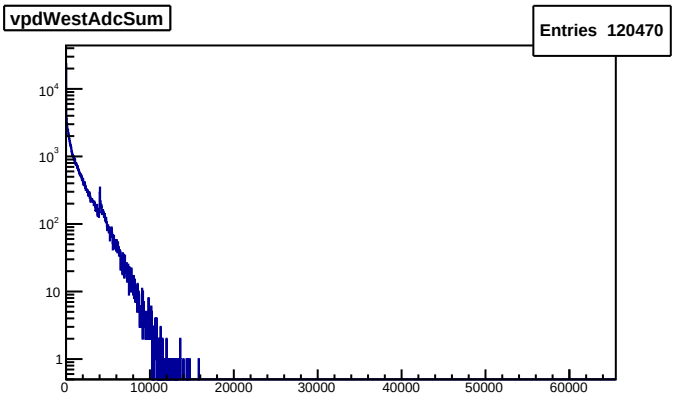
Entries 0
Data
Simu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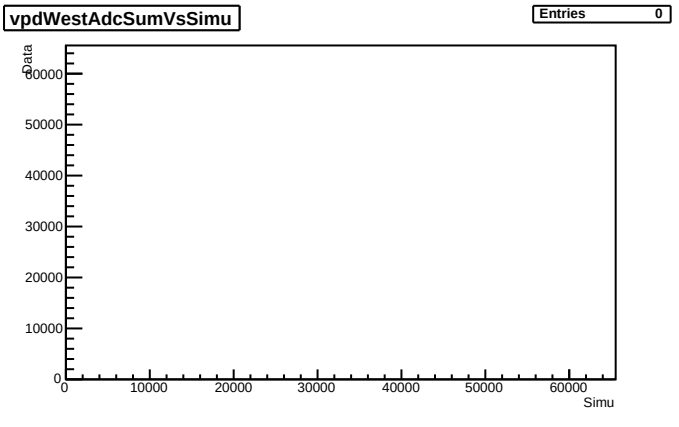
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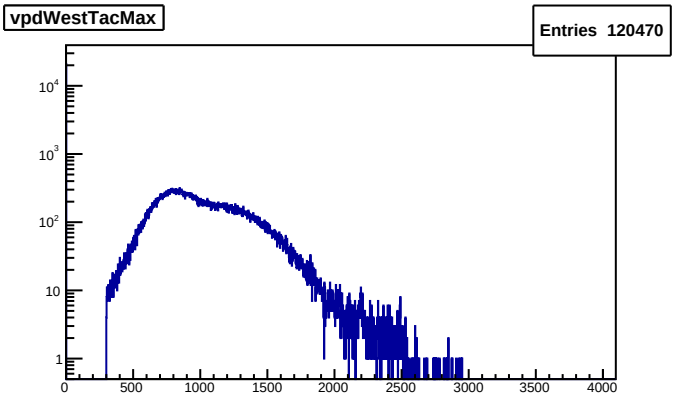
Entries 0
Data
Simu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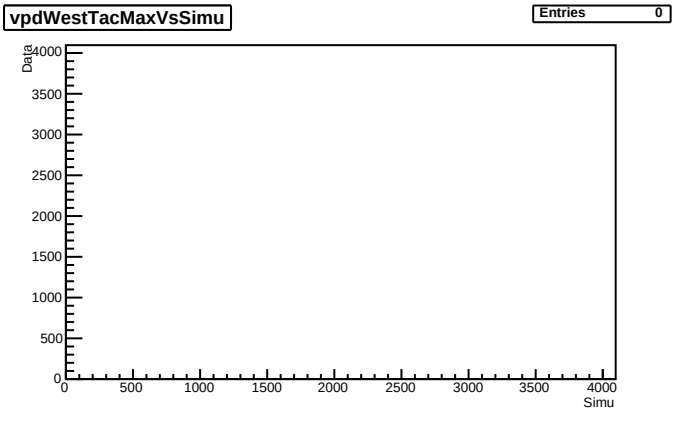
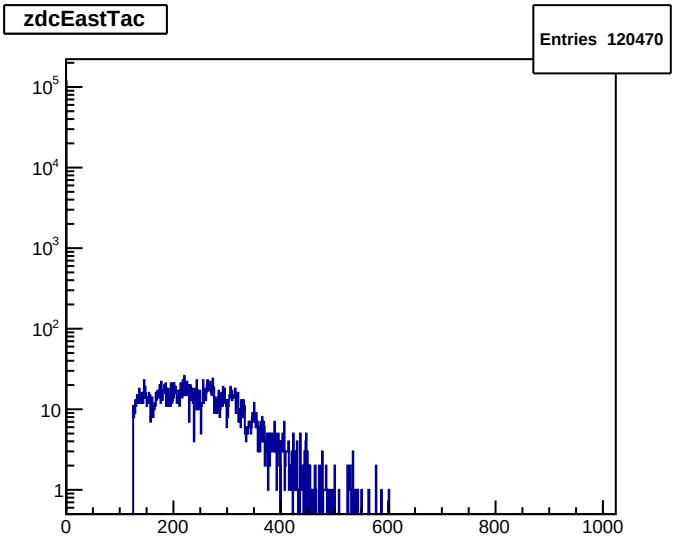
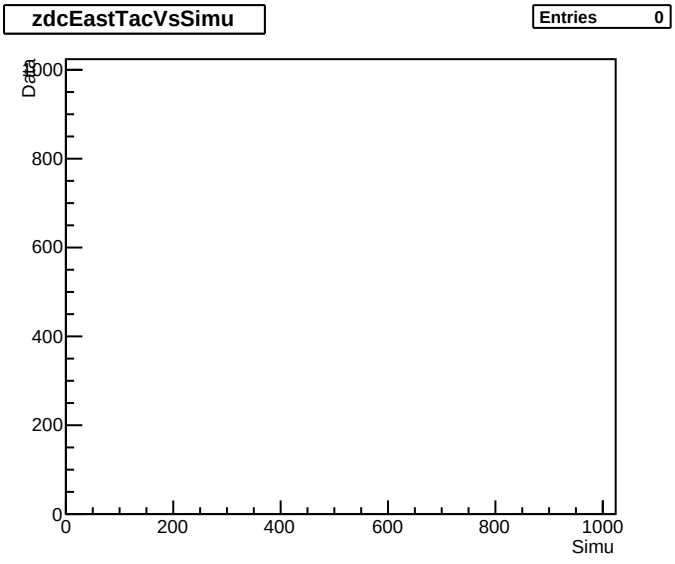
Entries 120470


vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 120470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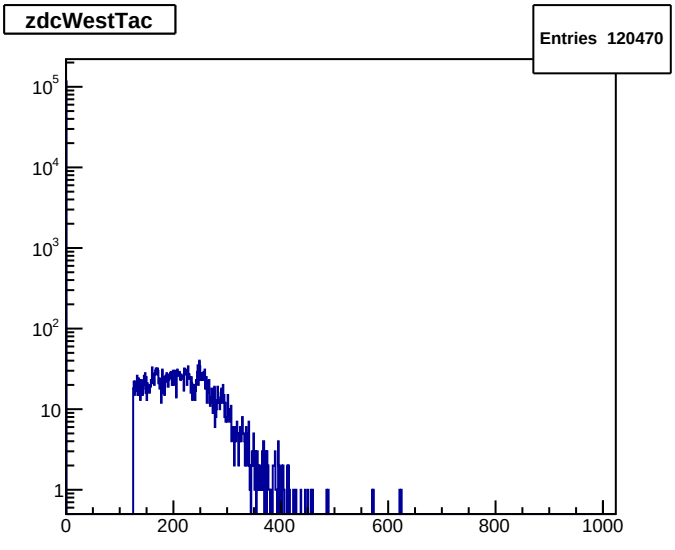
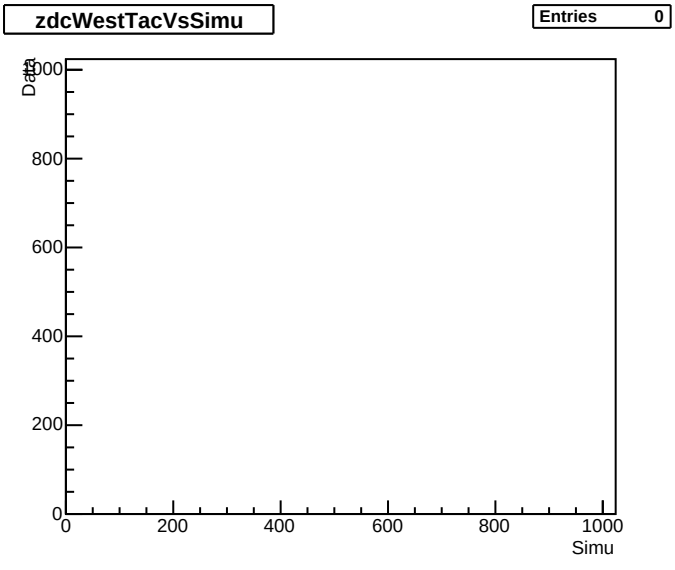
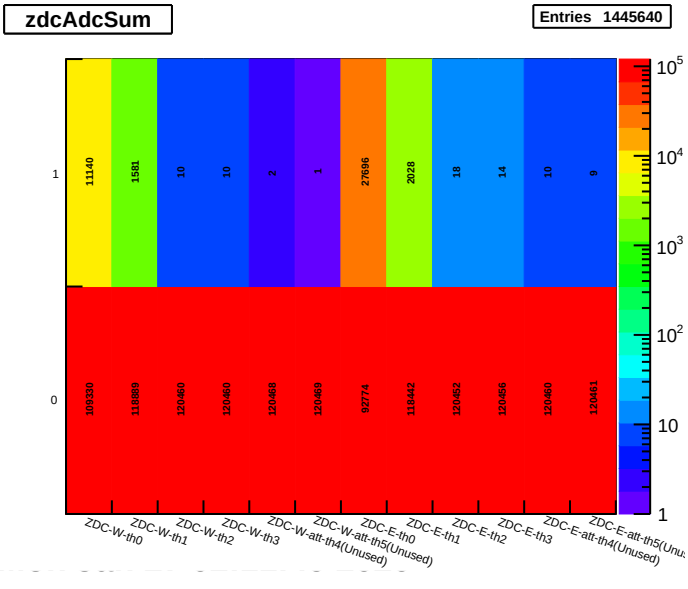
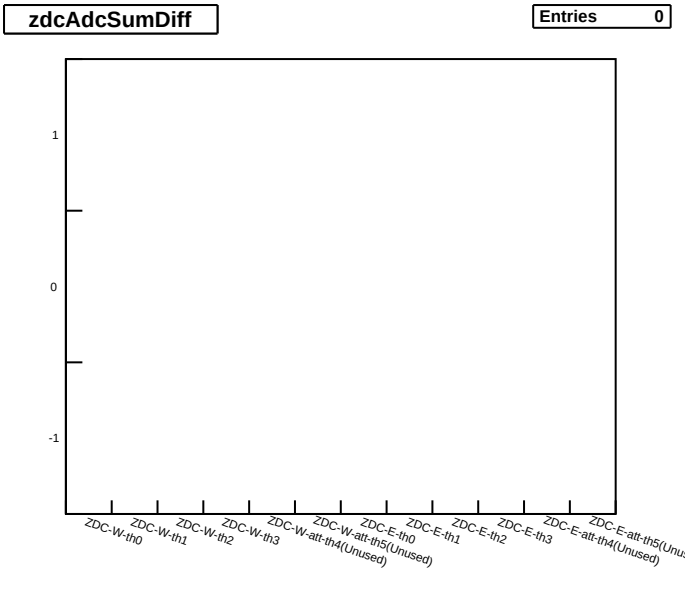
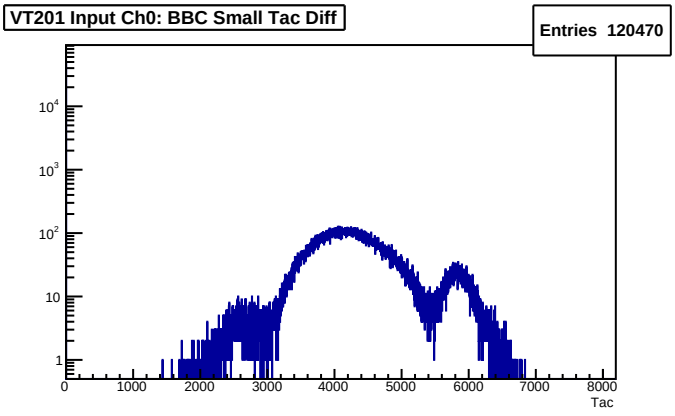
Entries 0
Data
Simu

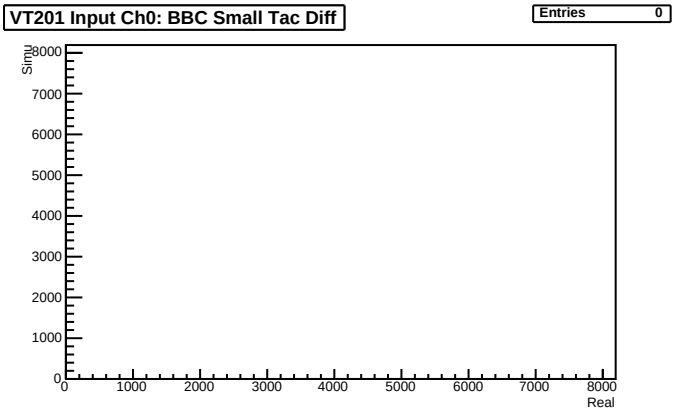

zdcWestTac
Entries 120470

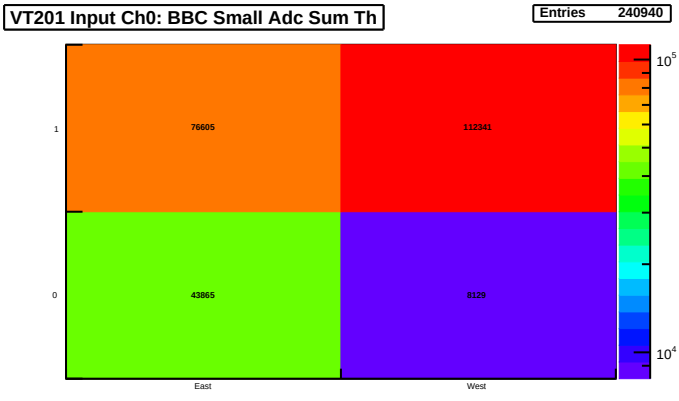

zdcWestTacVsSimu
Entries 0
Data
Simu

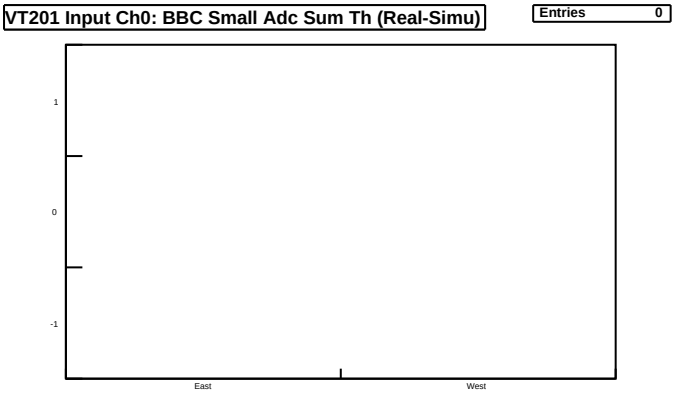

zdcAdcSum
Entries 1445640
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

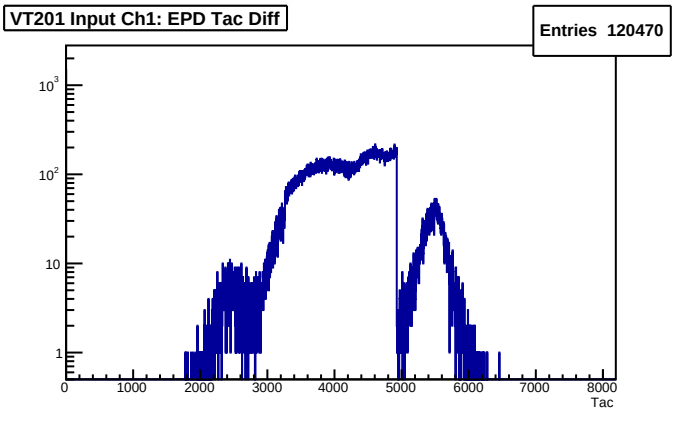

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

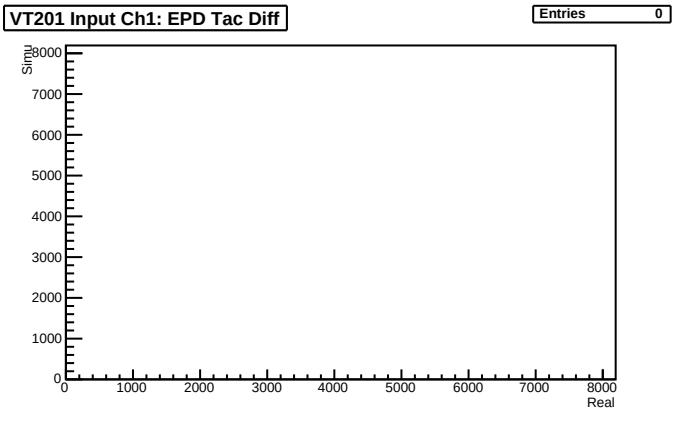

VT201 Input Ch0: BBC Small Tac Diff
Entries 120470
Tac

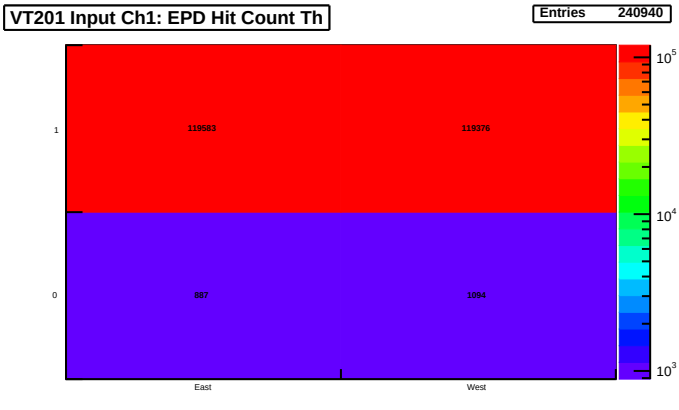

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

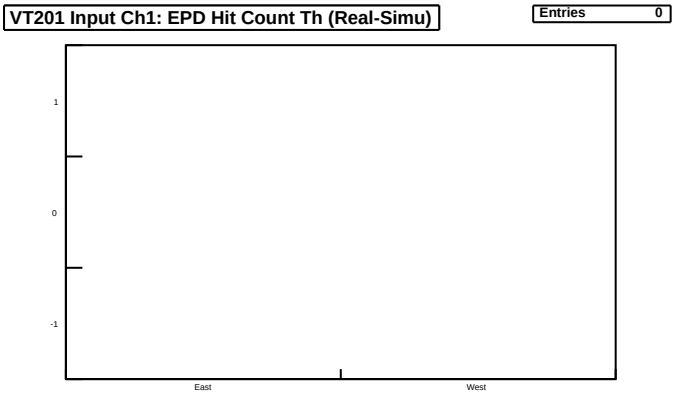

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 240940
76605
112341
43865
8129
East
West

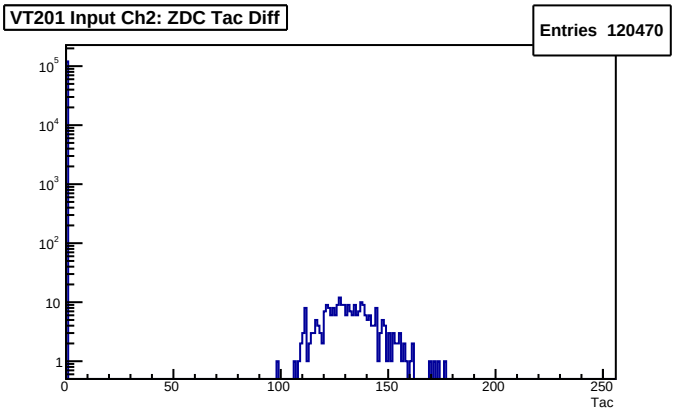

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

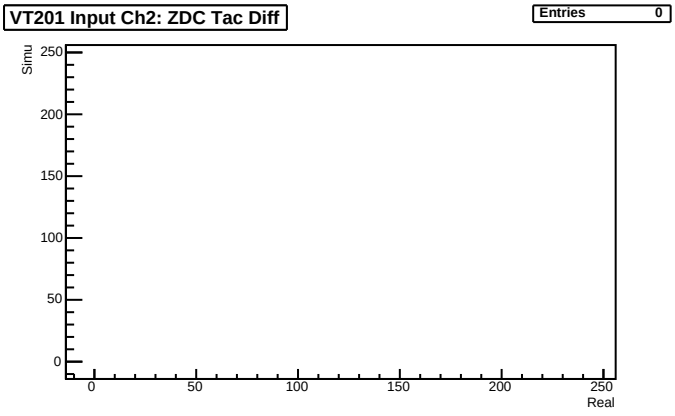

VT201 Input Ch1: EPD Tac Diff
Entries 120470
Tac

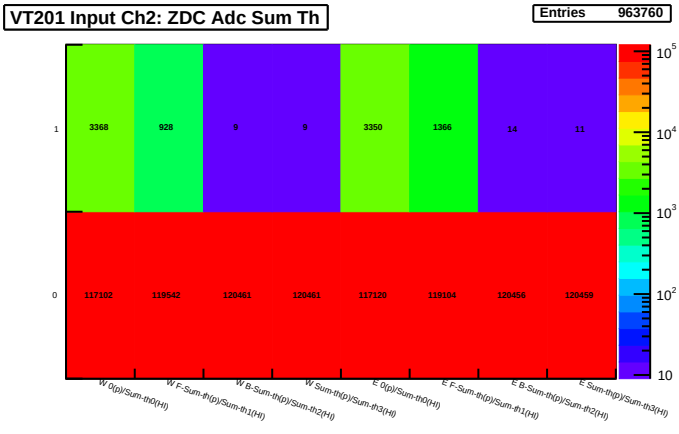

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

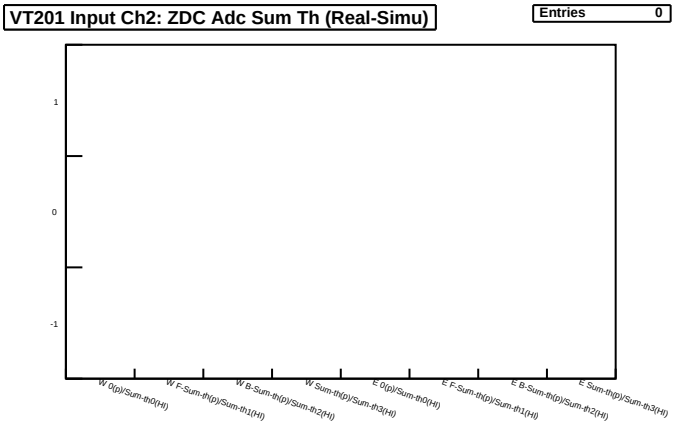

VT201 Input Ch1: EPD Hit Count Th
Entries 240940
119583
119376
887
1094
East
West

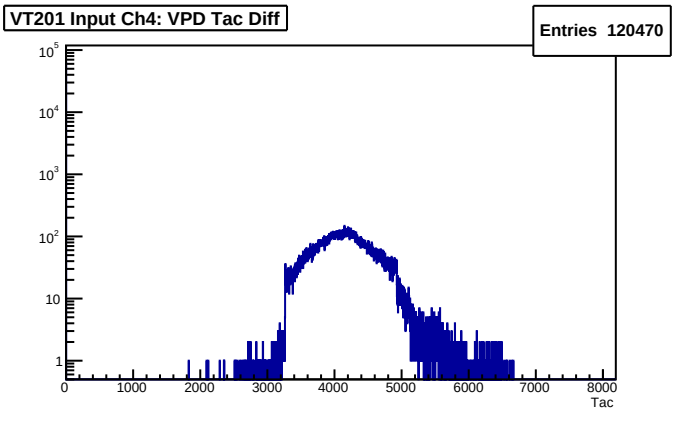

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

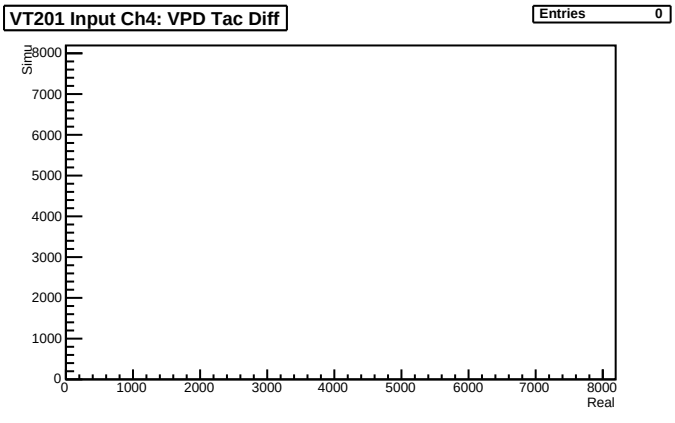

VT201 Input Ch2: ZDC Tac Diff
Entries 120470
Tac

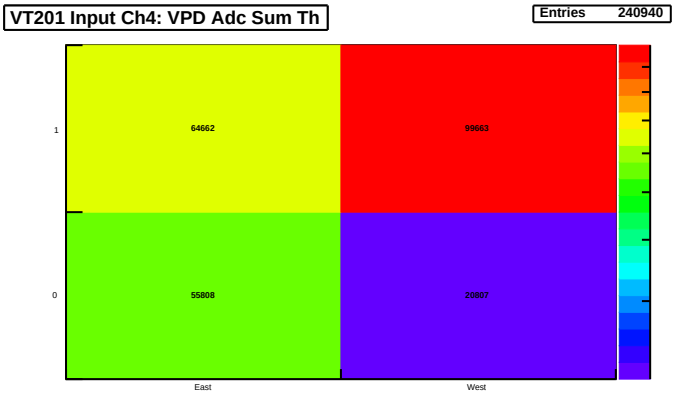

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

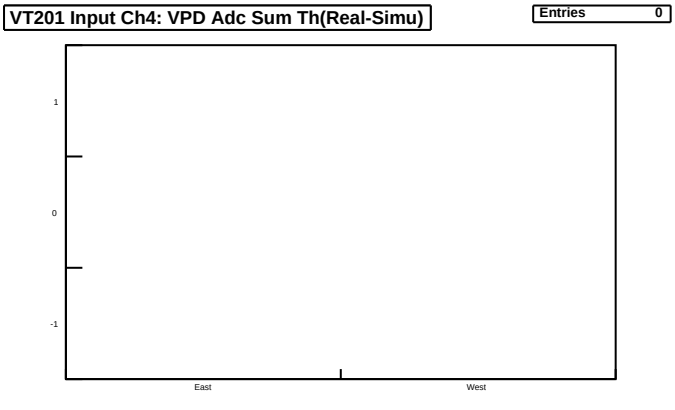

VT201 Input Ch2: ZDC Adc Sum Th
Entries 963760
3368
928
9
9
3350
1366
14
11
117102
119542
120461
120461
117120
119104
120456
120459
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

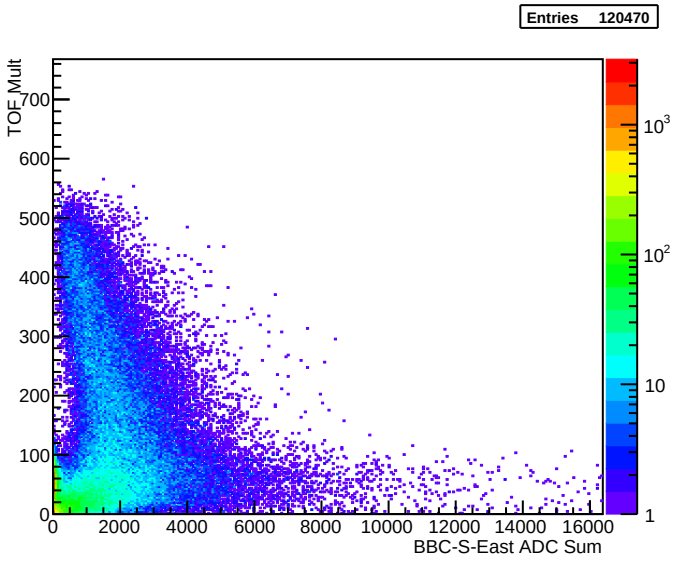

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

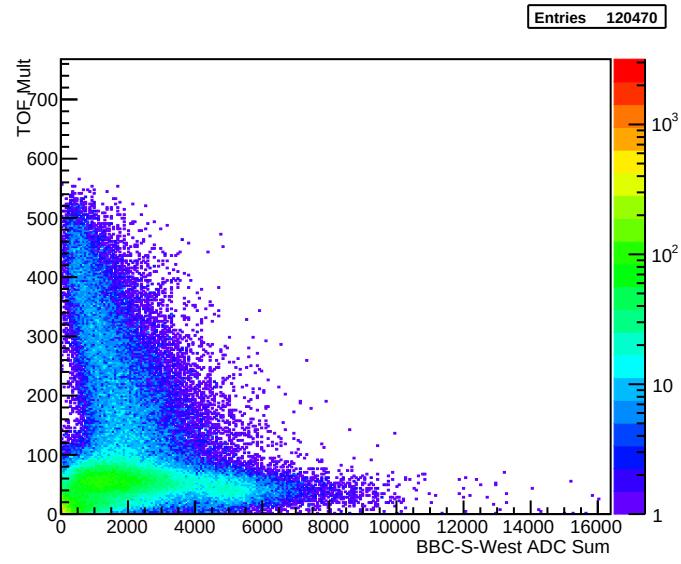

VT201 Input Ch4: VPD Tac Diff
Entries 120470
Tac

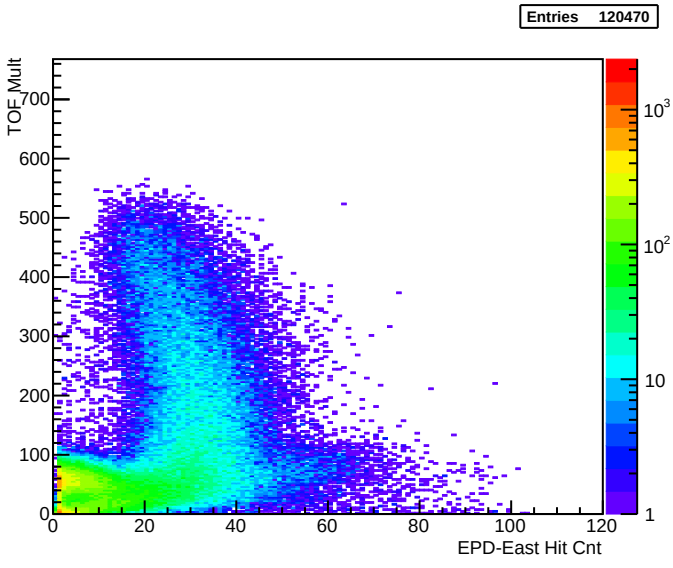

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

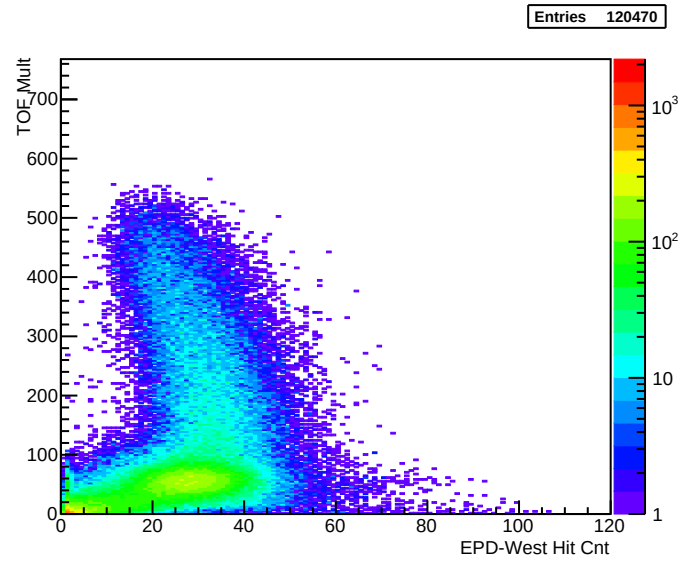

VT201 Input Ch4: VPD Adc Sum Th
Entries 240940
64662
99663
55808
20807
East
West

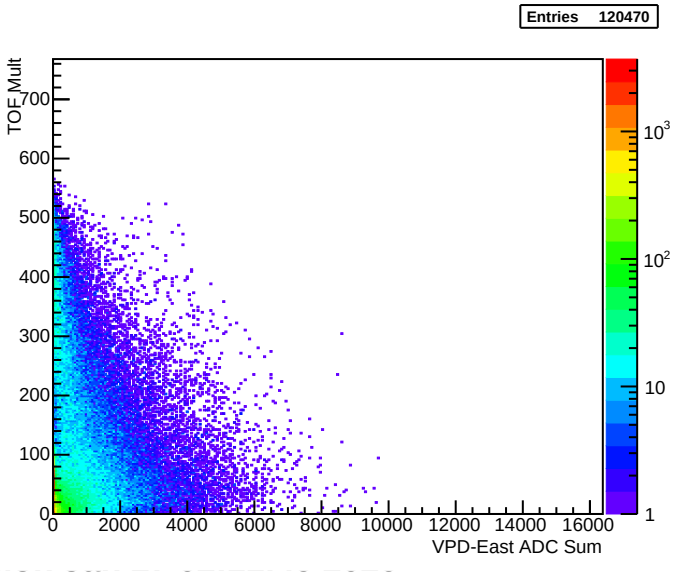

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

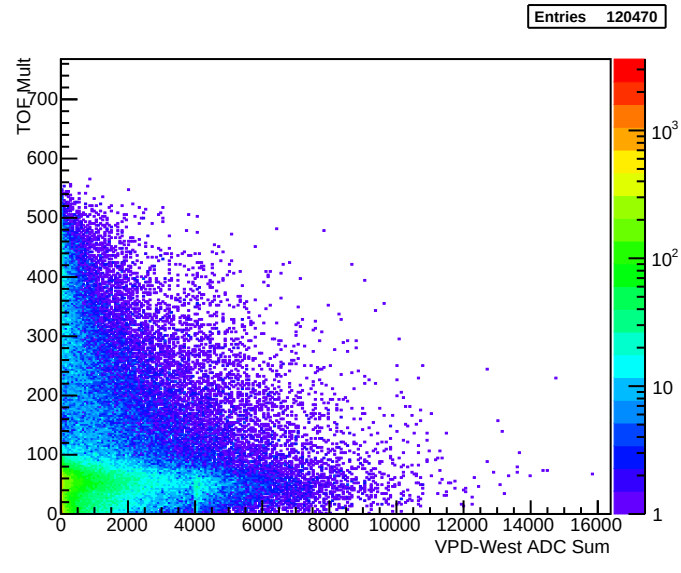

Entries 120470
TOF_Mult
BBC-S-East ADC Sum

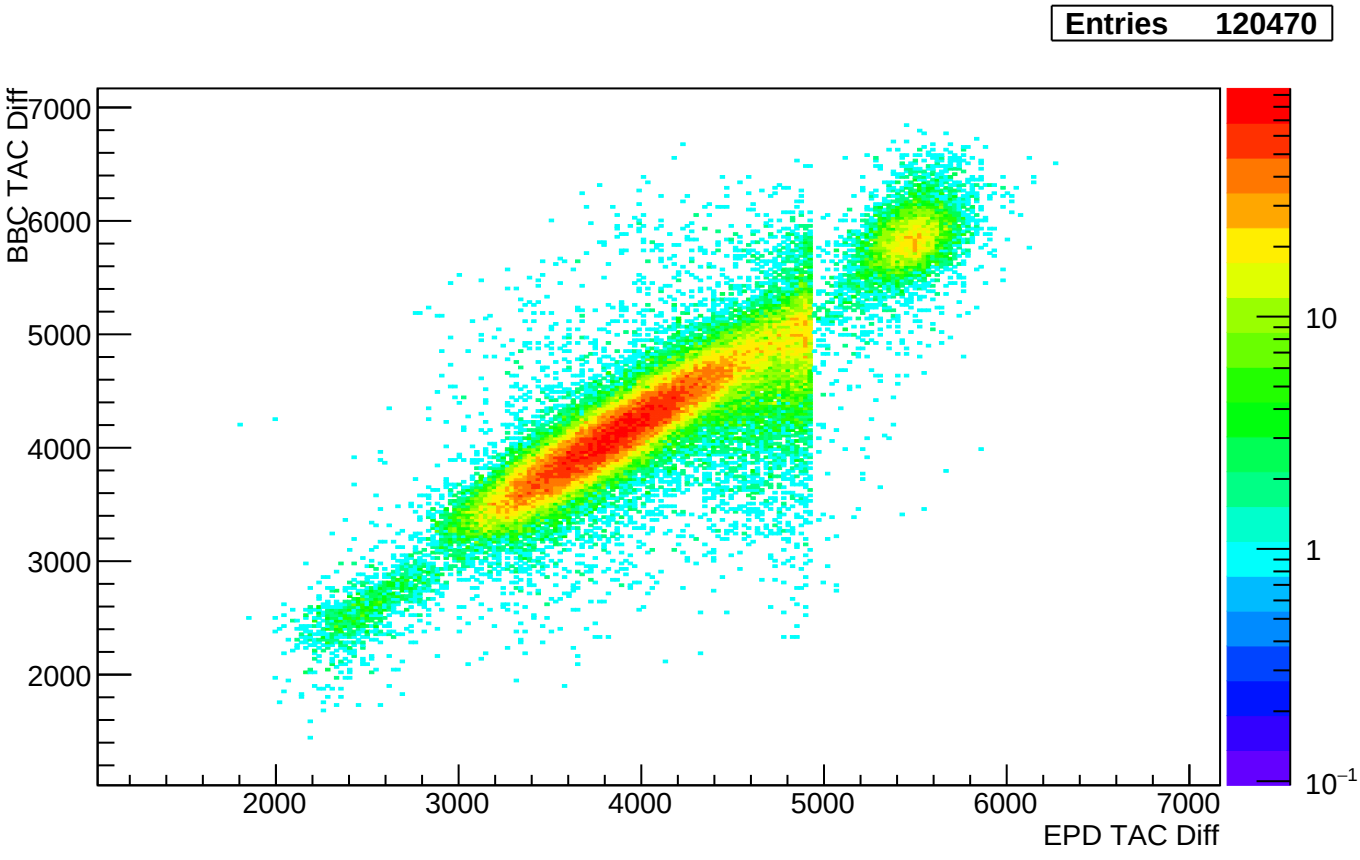

Entries 120470
TOF_Mult
BBC-S-West ADC Sum

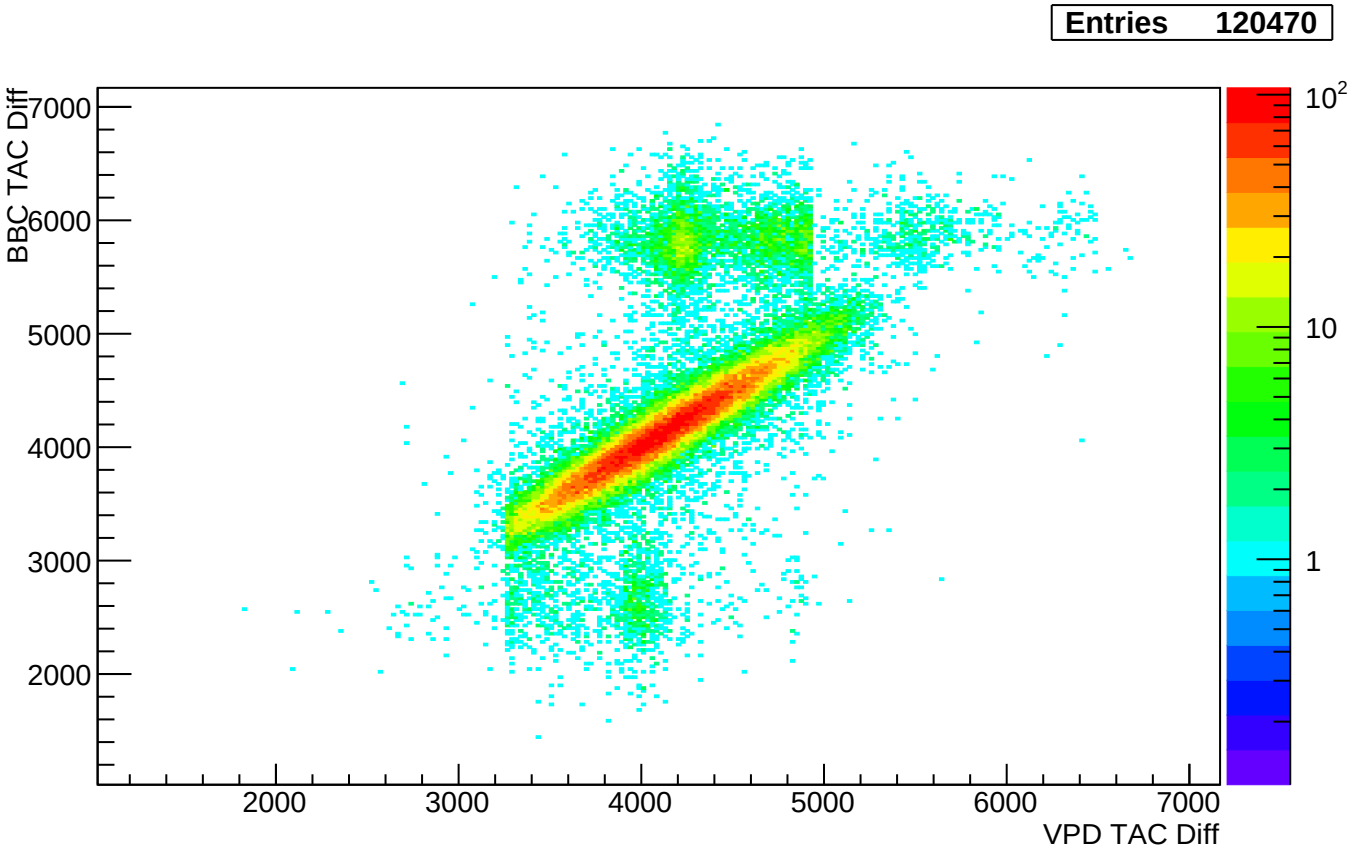

Entries 120470
TOF_Mult
EPD-East Hit Cnt

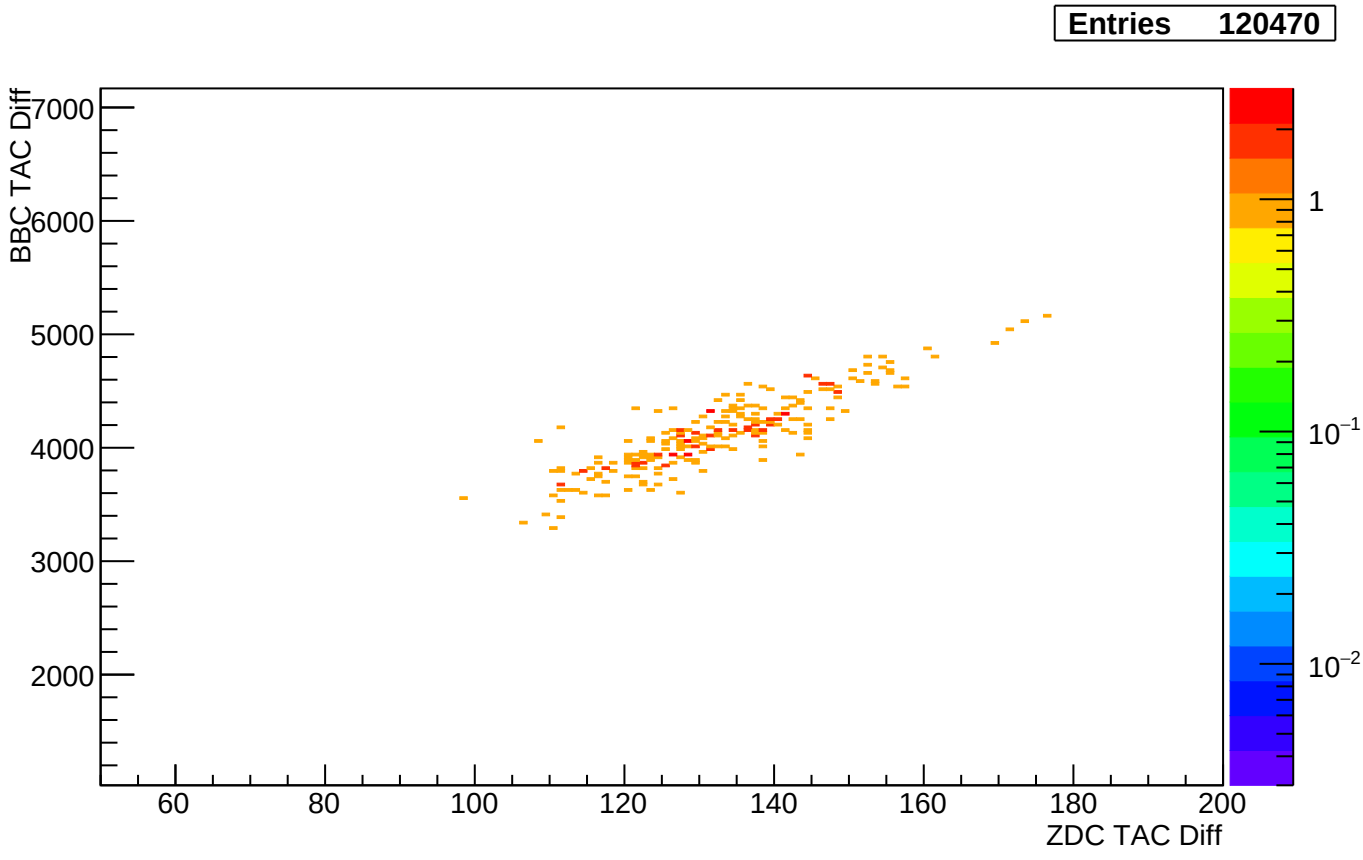

Entries 120470
TOF_Mult
EPD-West Hit Cnt

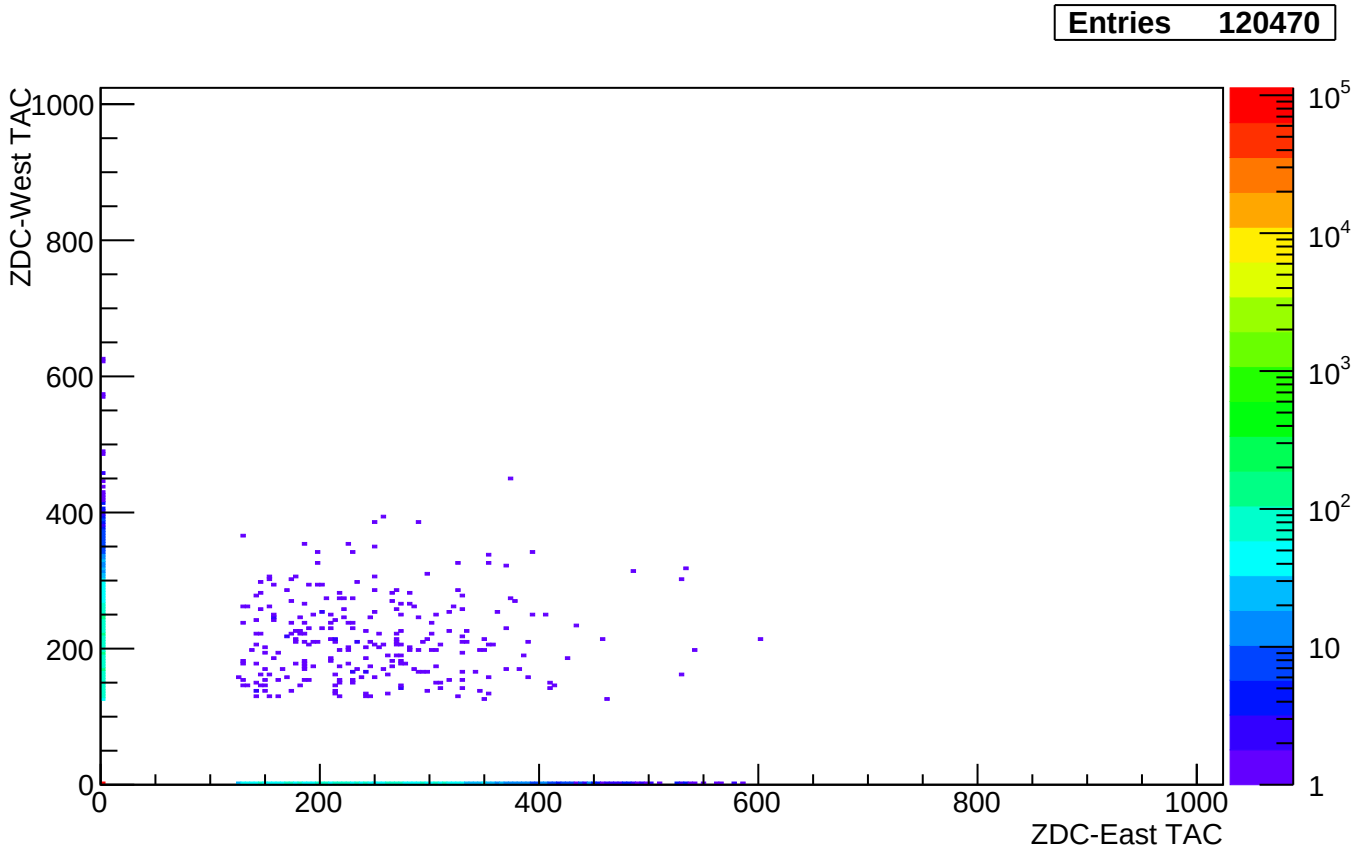

Entries 120470
TOF_Mult
VPD-East ADC Sum

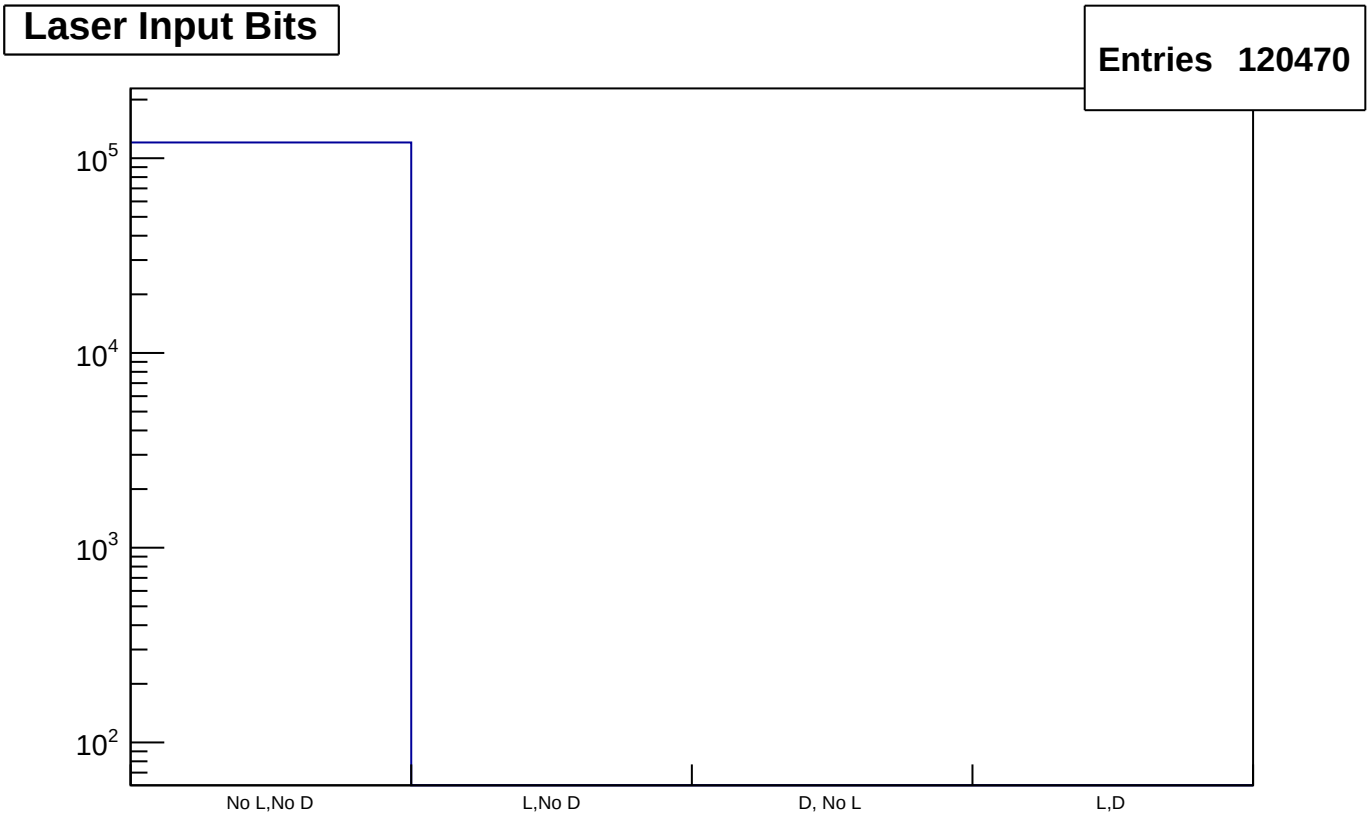

Entries 120470
TOF_Mult
VPD-West ADC Sum

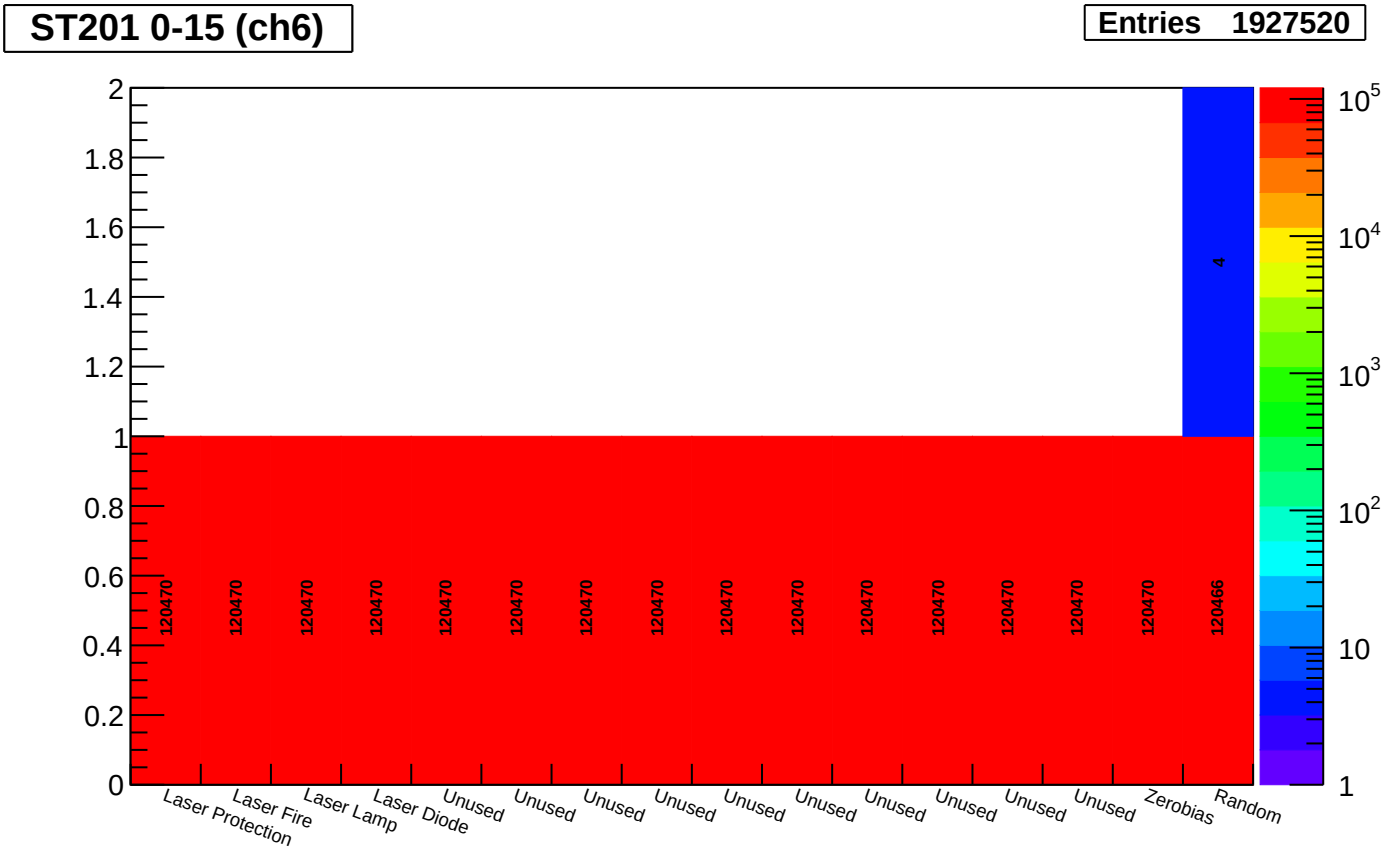

Entries 120470
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10
1
10^{-1}

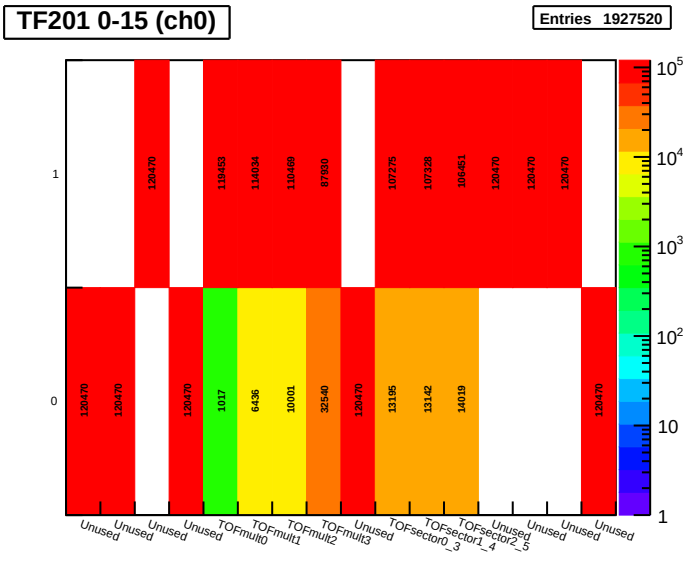

Entries 120470
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^{2}
10
1

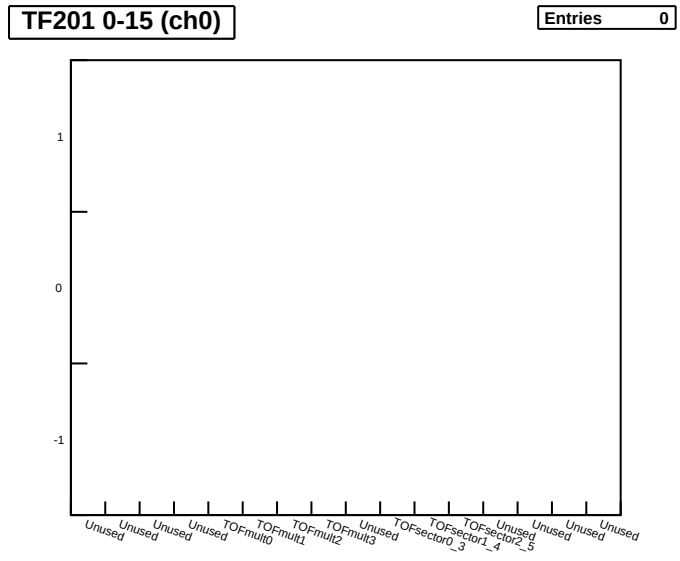

Entries 120470
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

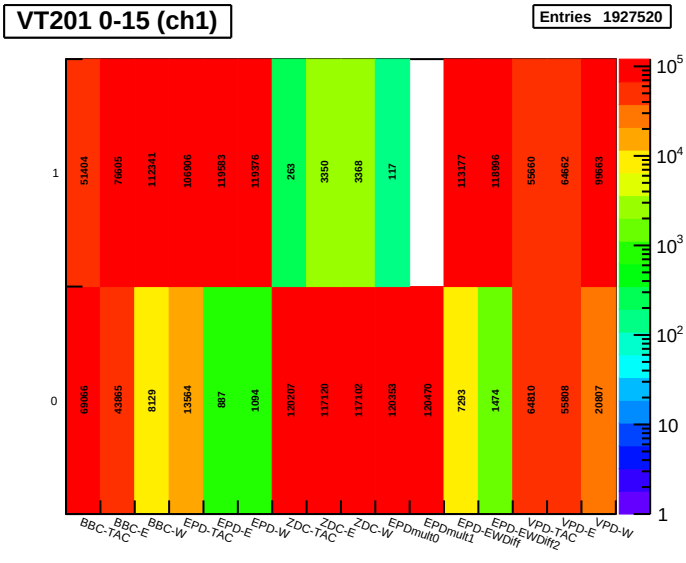

Entries 120470
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

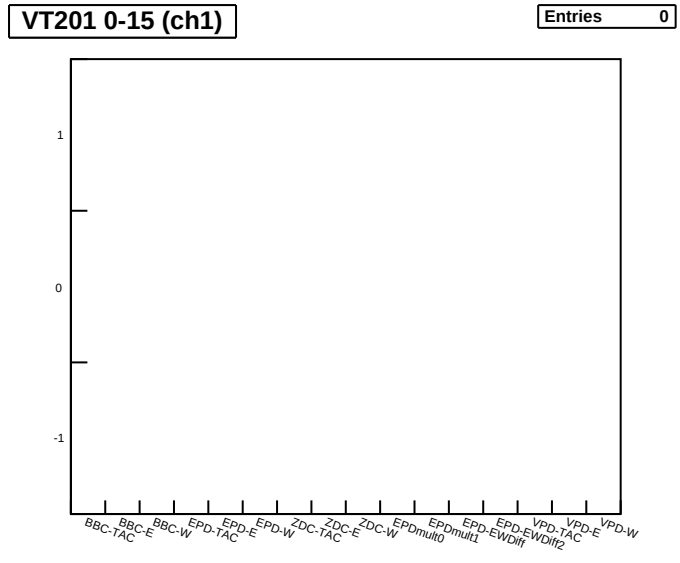

Laser Input Bits
Entries 120470
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

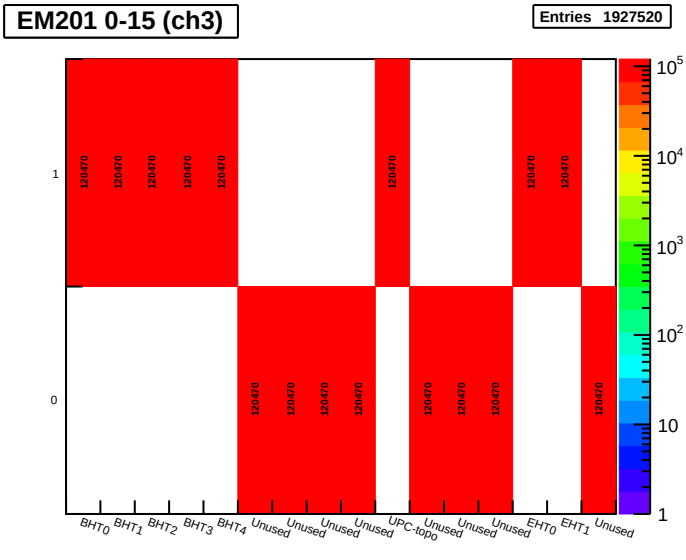

ST201 0-15 (ch6)
Entries 1927520
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
4
120470
120466
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

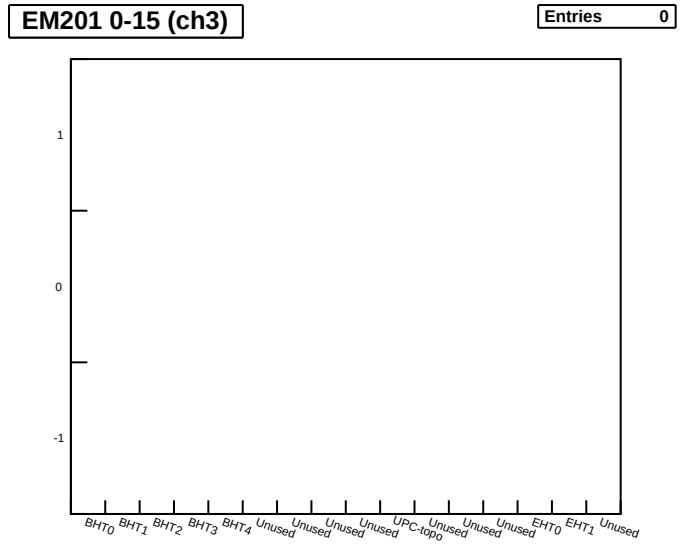

TF201 0-15 (ch0)
Entries 1927520
1
0
120470
119453
114034
110469
87930
107275
107328
106451
120470
120470
120470
120470
120470
1017
6436
10001
32540
120470
13195
13142
14019
120470
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
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 1927520
1
0
51404
76605
112341
106806
119583
119376
263
3350
3368
117
113177
118996
55660
64662
99663
69066
43885
8129
13564
887
1094
120207
117120
117102
120353
120470
7293
1474
64810
55808
20807
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 1927520
1
0
120470
120470
120470
120470
120470
120470
120470
120470
120470
120470
120470
120470
120470
120470
120470
120470
120470
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