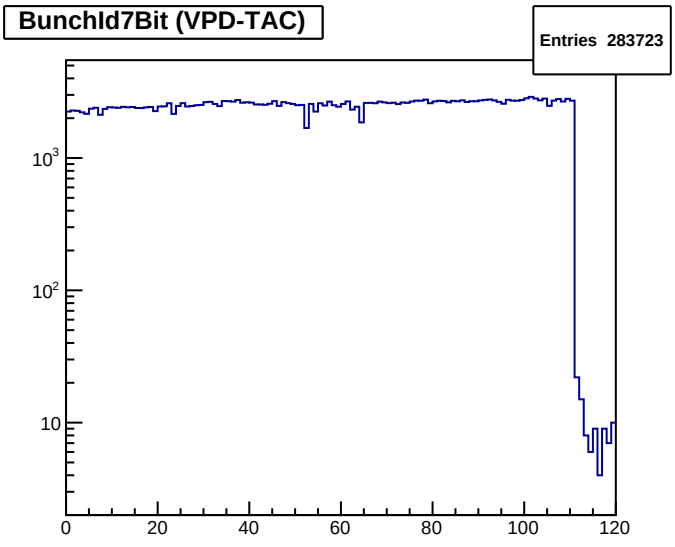
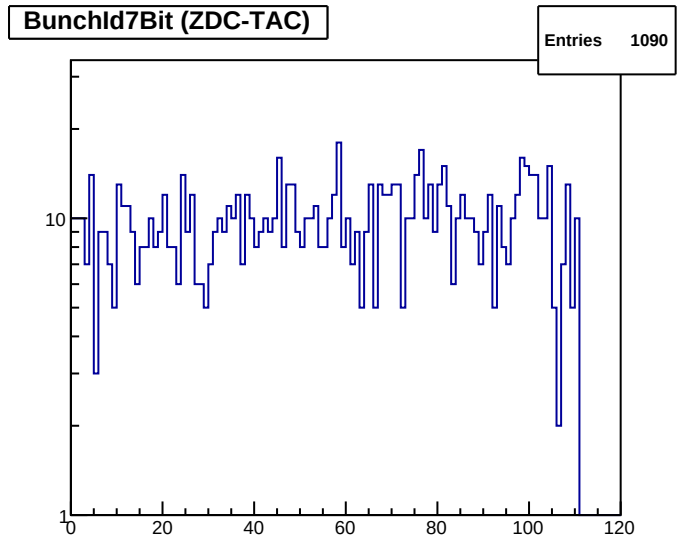
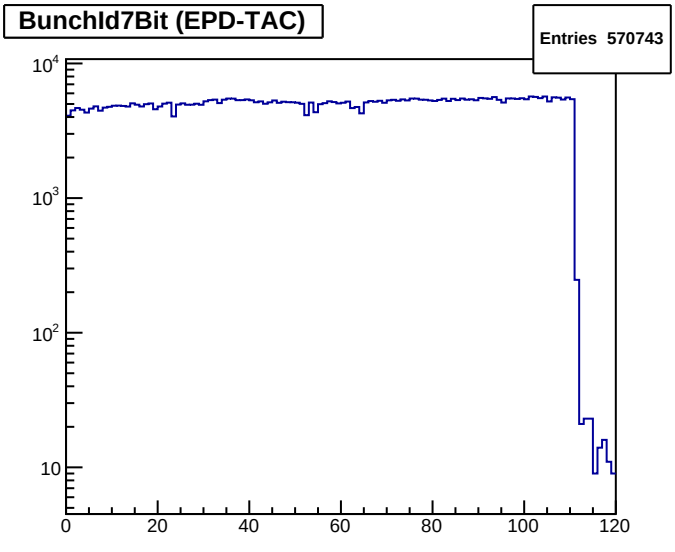
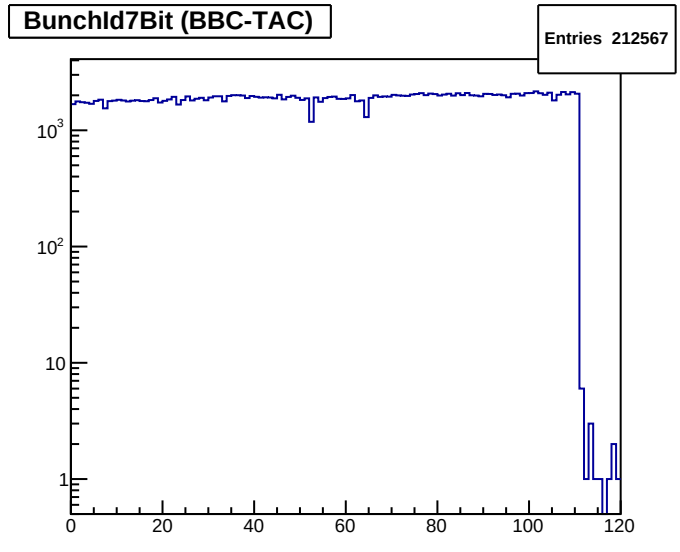
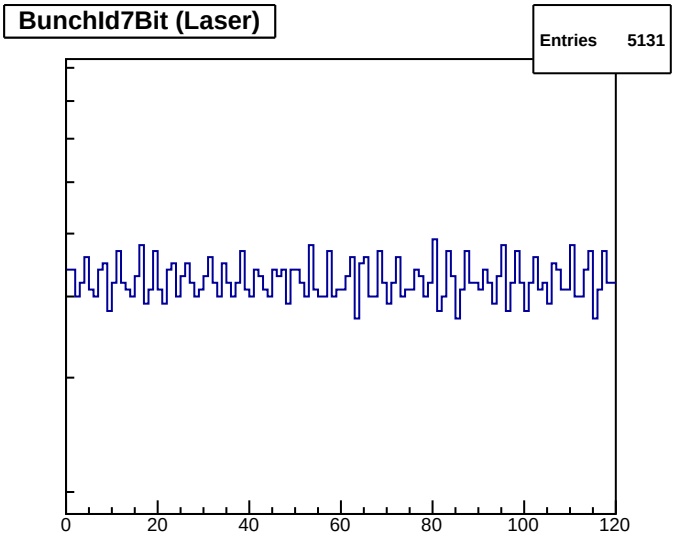
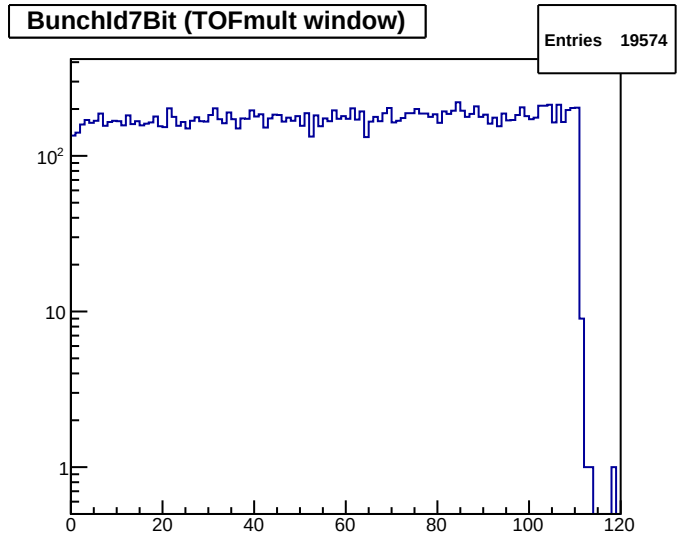

BunchId7Bit (VPD-TAC)
Entries 283723

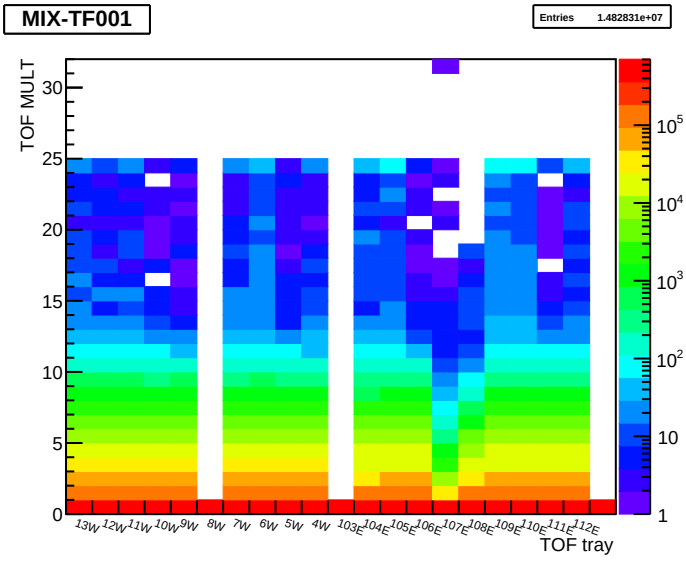

BunchId7Bit (ZDC-TAC)
Entries 1090

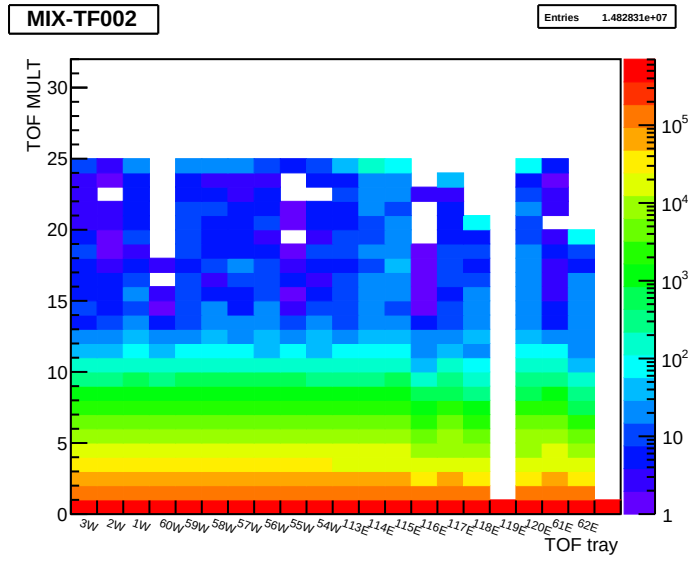

BunchId7Bit (EPD-TAC)
Entries 570743

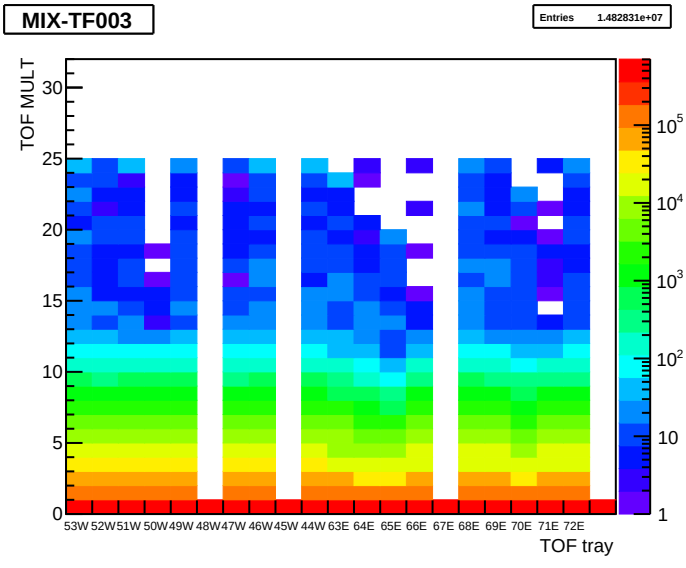

BunchId7Bit (BBC-TAC)
Entries 212567

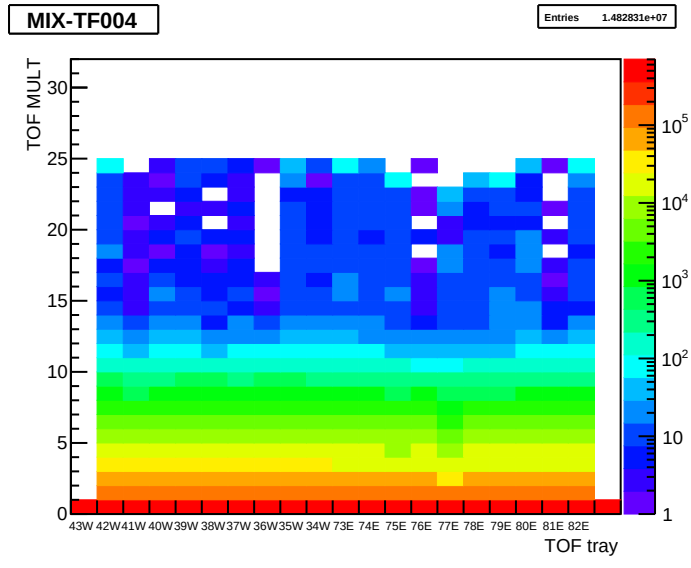

BunchId7Bit (Laser)
Entries 5131

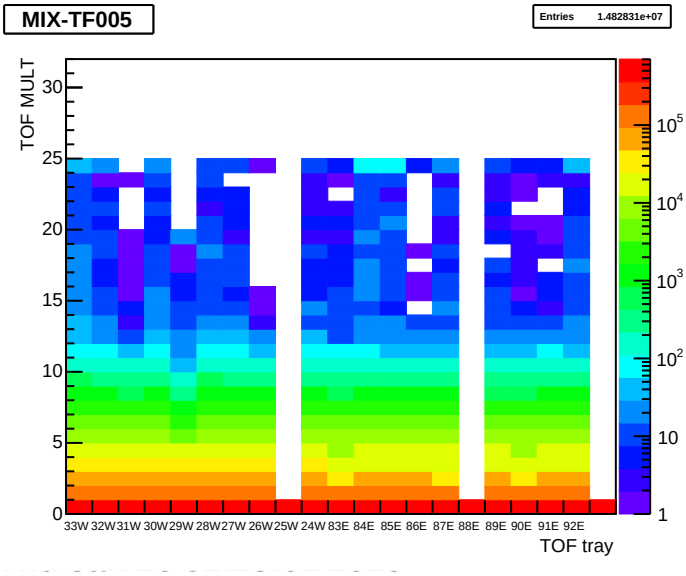

BunchId7Bit (TOFmult window)
Entries 19574

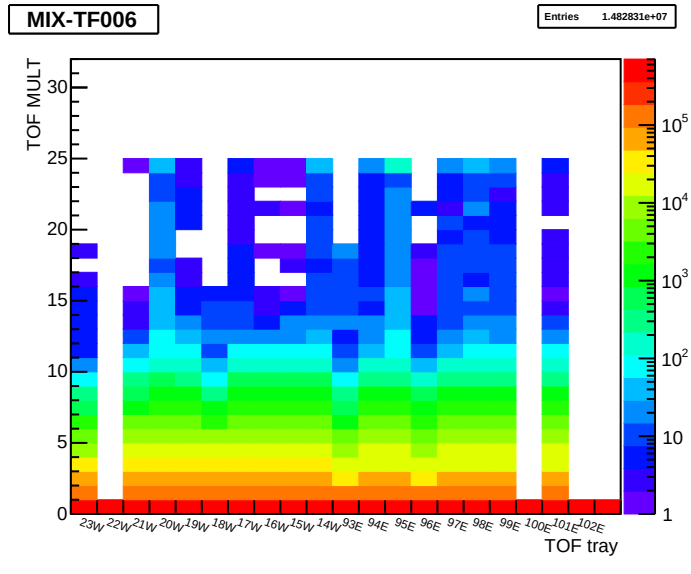

MIX-TF001
Entries 1.482831e+07
TOF MULT
TOF tray

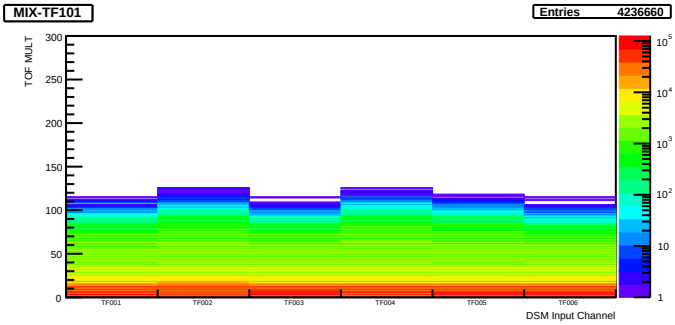

MIX-TF002
Entries 1.482831e+07
TOF MULT
TOF tray

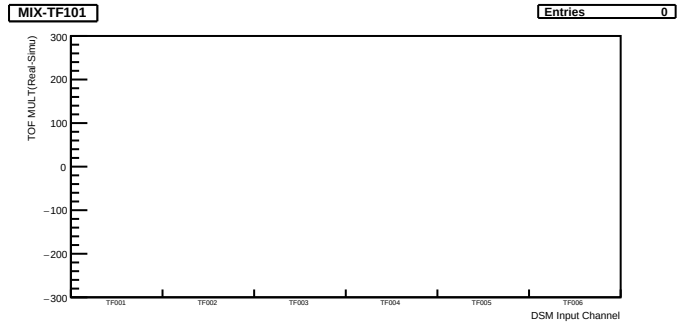

MIX-TF003
Entries 1.482831e+07
TOF MULT
TOF tray

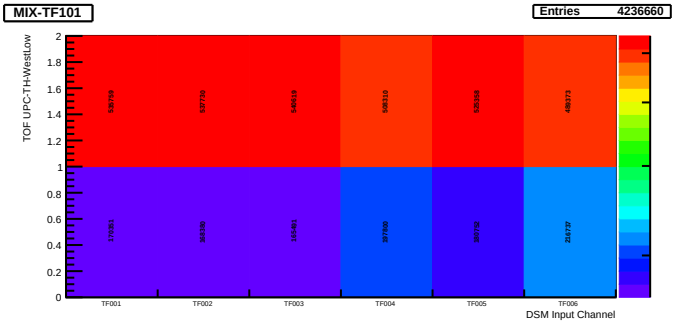

MIX-TF004
Entries 1.482831e+07
TOF MULT
TOF tray

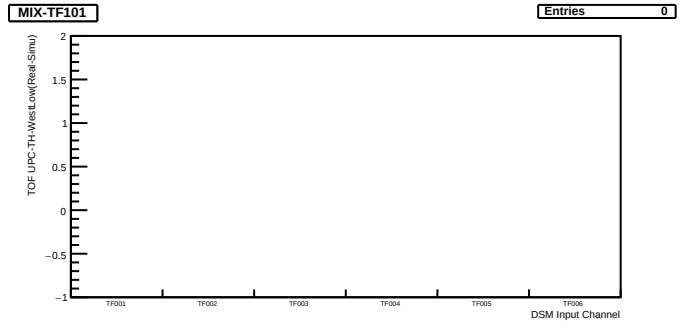

MIX-TF005
Entries 1.482831e+07
TOF MULT
TOF tray

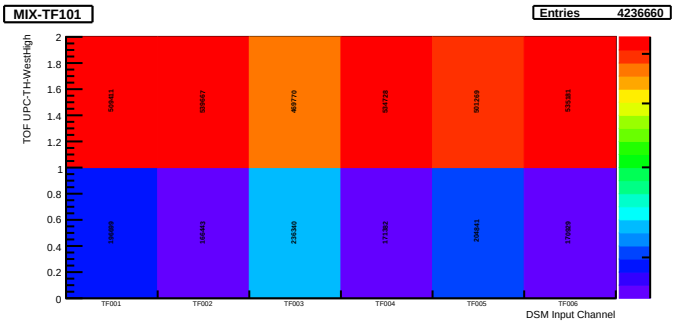

MIX-TF006
Entries 1.482831e+07
TOF MULT
TOF tray

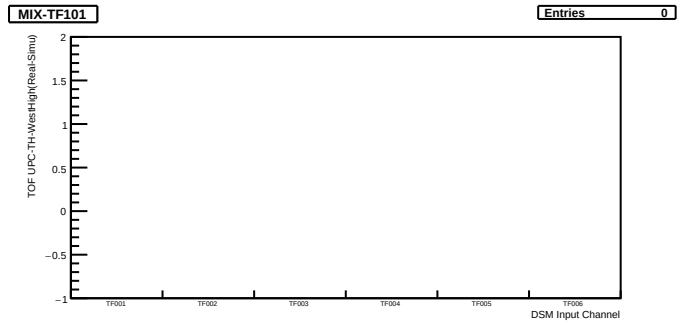

MIX-TF101
Entries 4236660
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

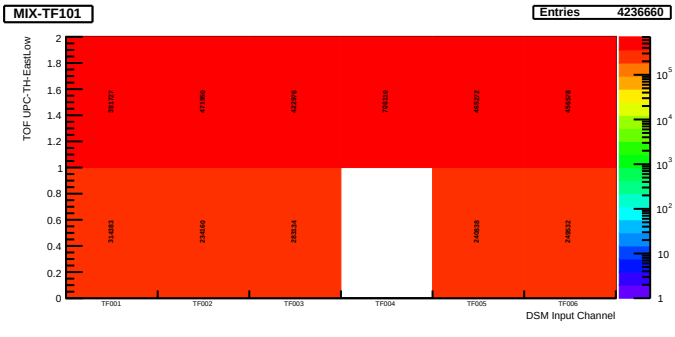

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

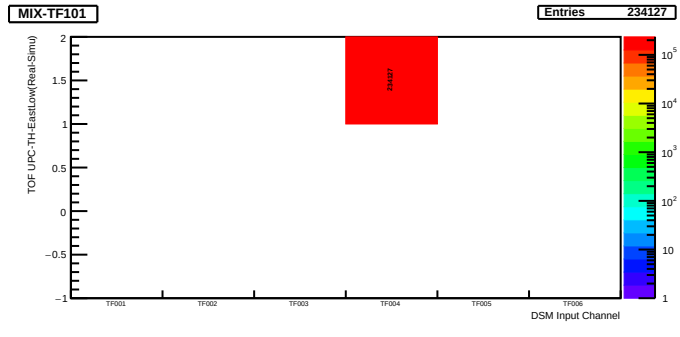

MIX-TF101
Entries 4236660
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

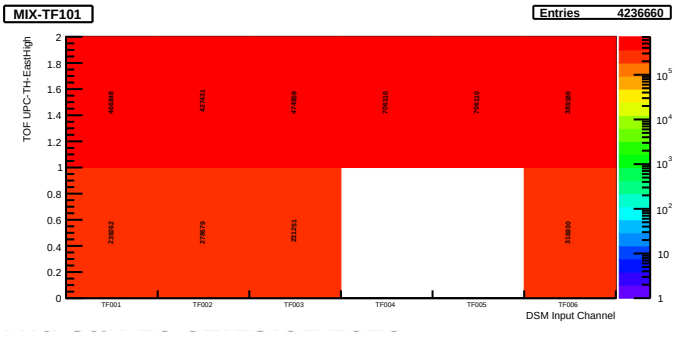

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

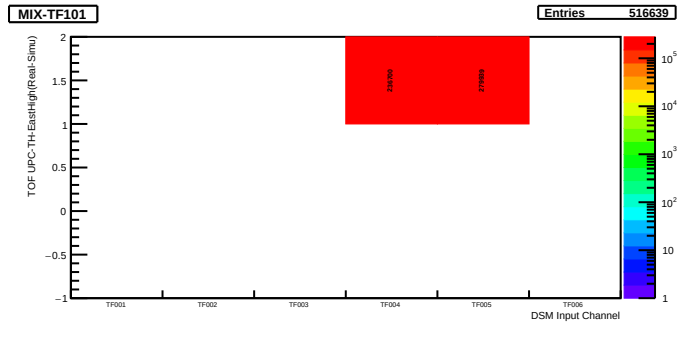

MIX-TF101
Entries 4236660
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

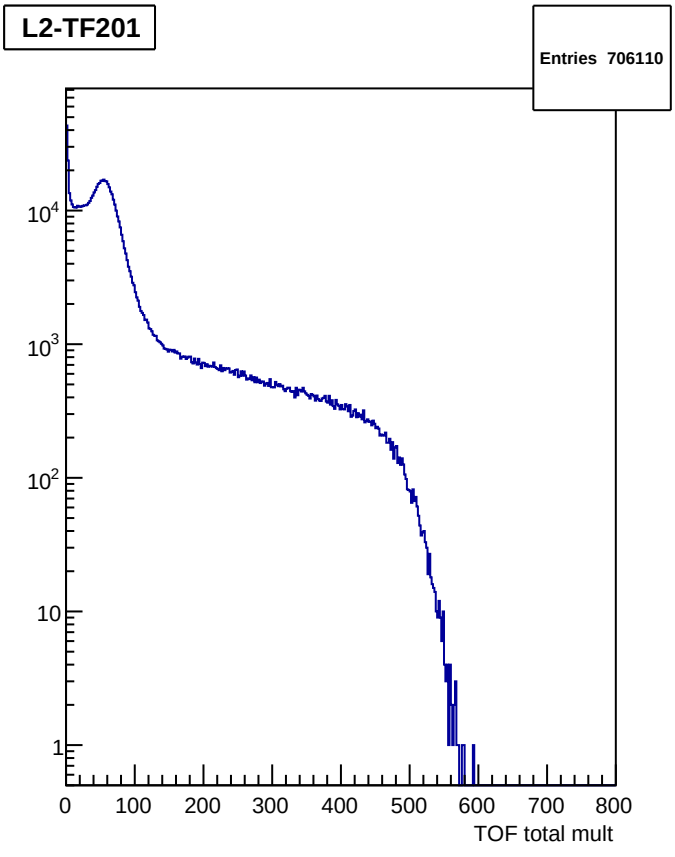

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

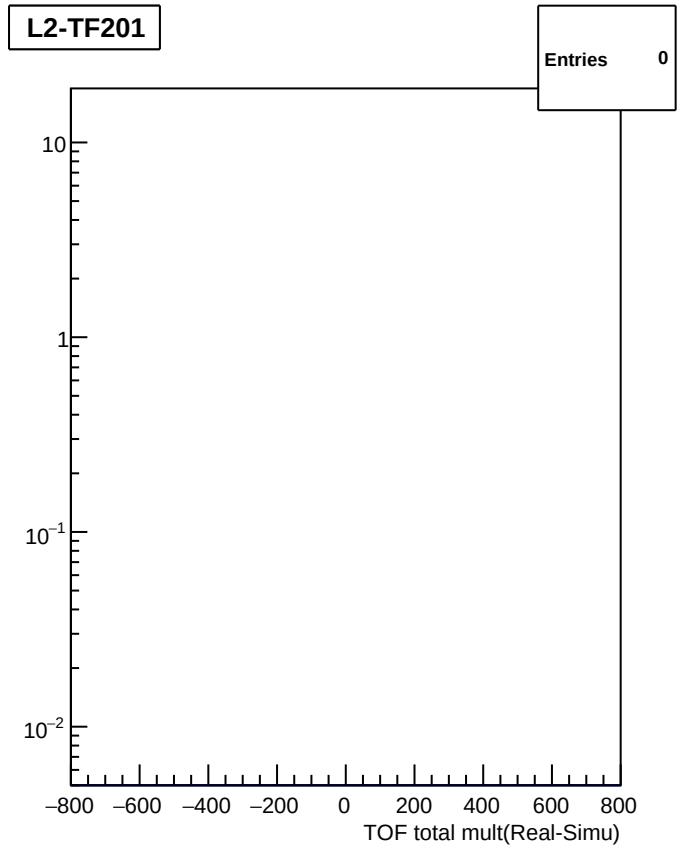

MIX-TF101
Entries 4236660
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

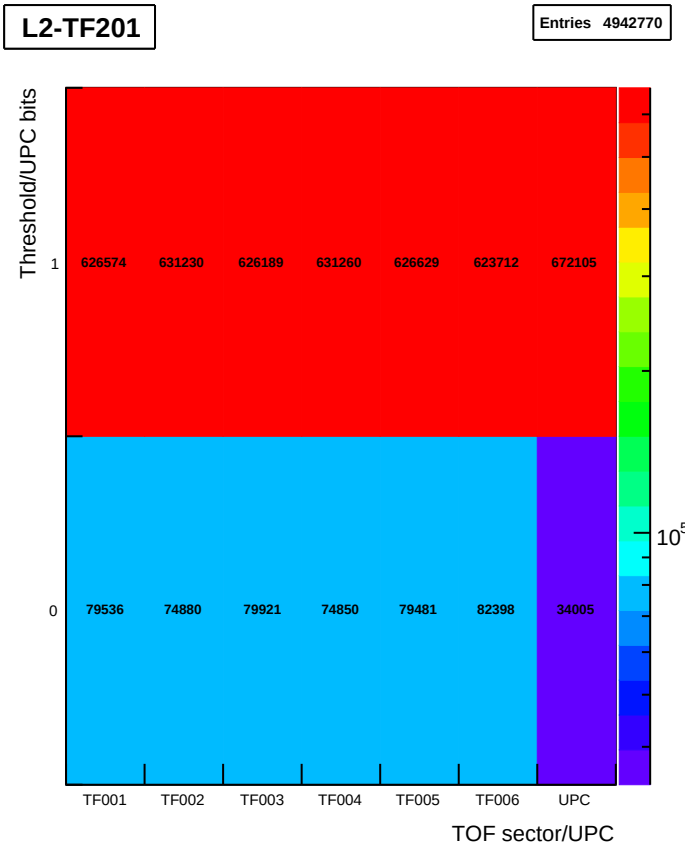

MIX-TF101
Entries 234127
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

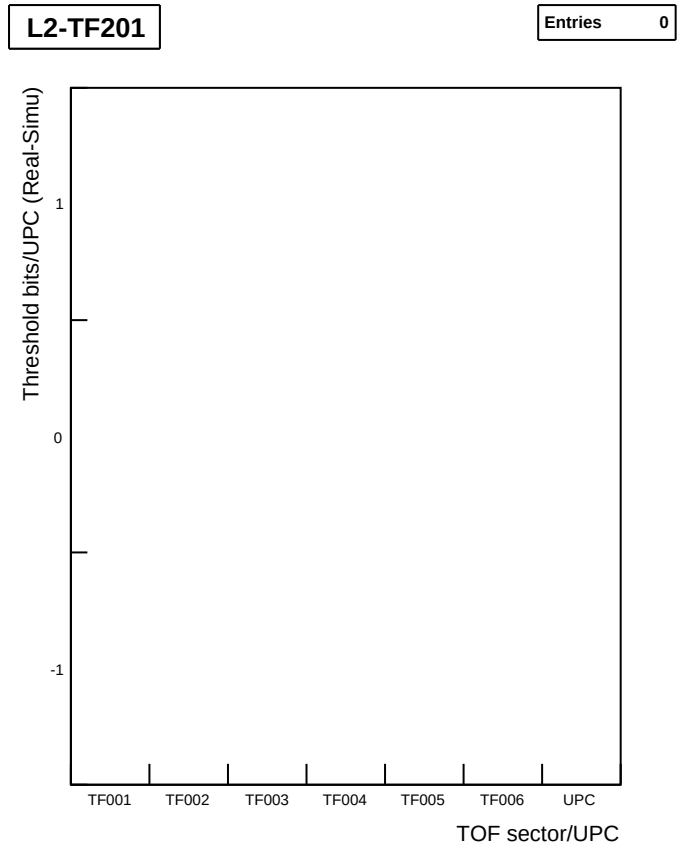

MIX-TF101
Entries 4236660
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

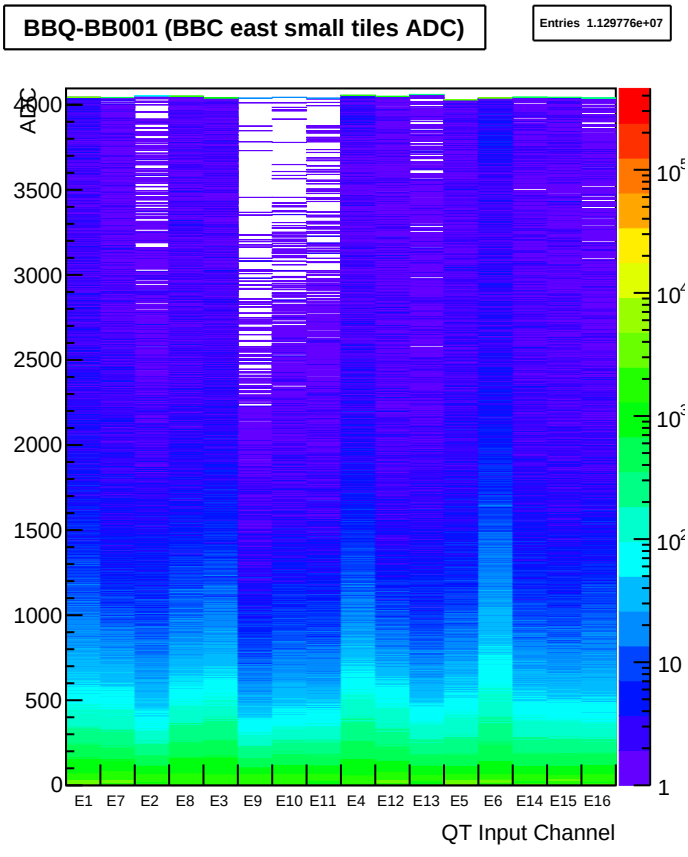

MIX-TF101
Entries 516639
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

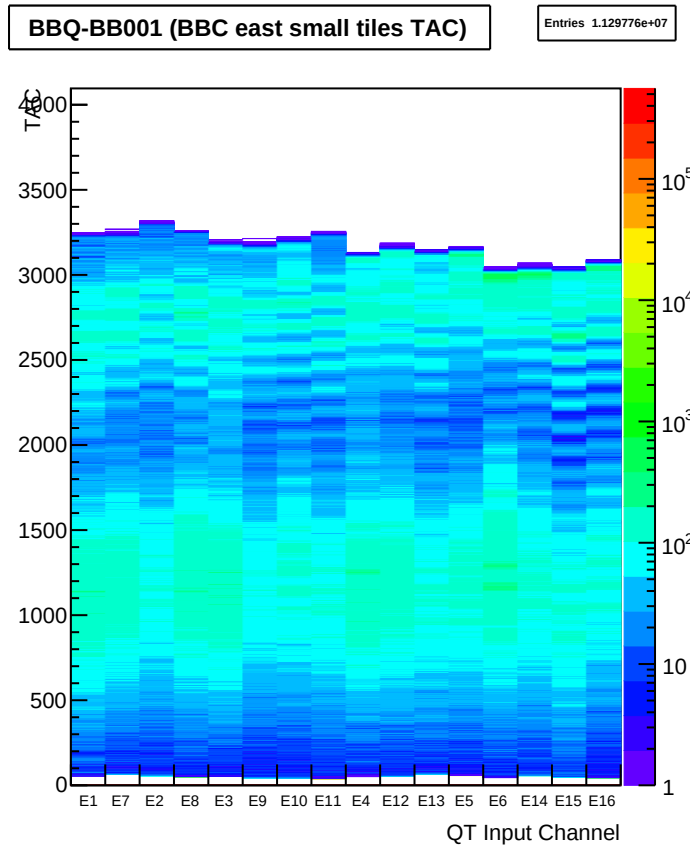

L2-TF201
Entries 706110
TOF total mult

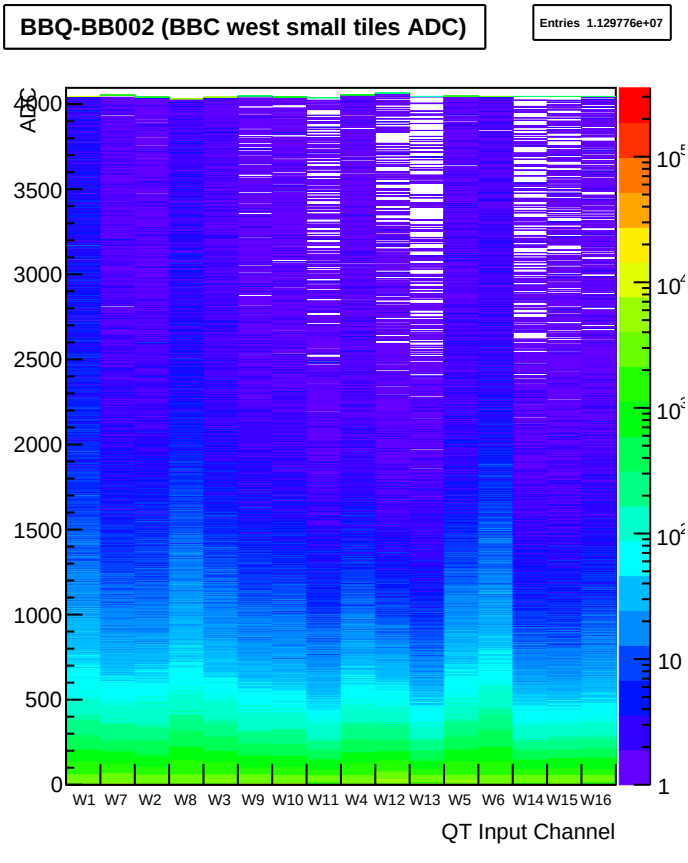

L2-TF201
Entries 0
TOF total mult(Real-Simu)

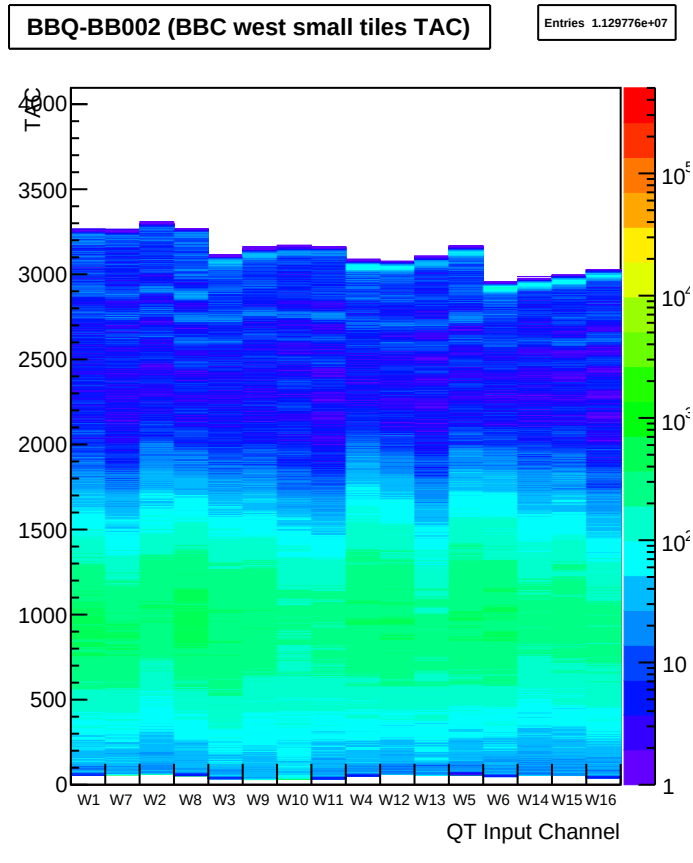

L2-TF201
Entries 4942770
Threshold/UPC bits
626574 631230 626189 631260 626629 623712 672105
79536 74880 79921 74850 79481 82398 34005
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

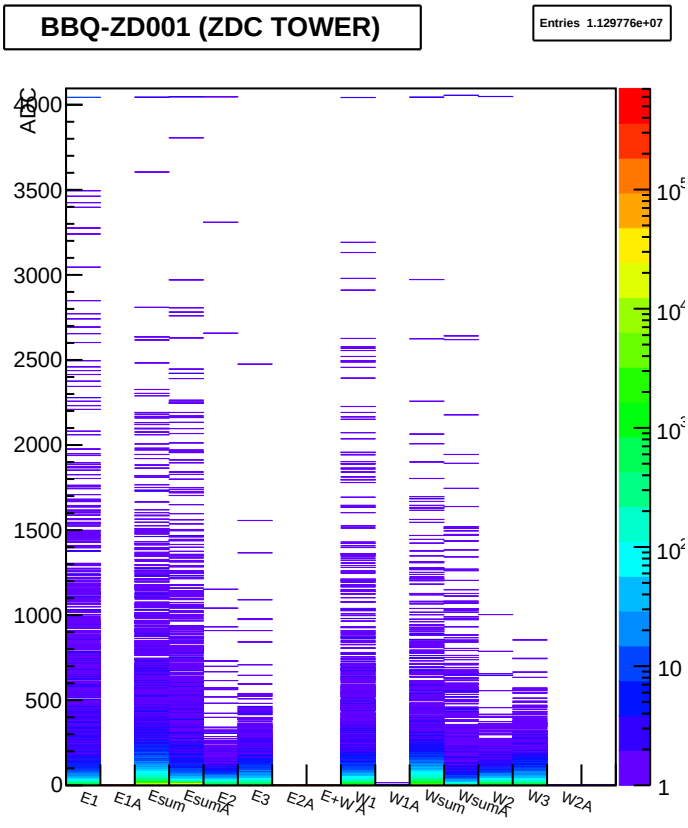

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

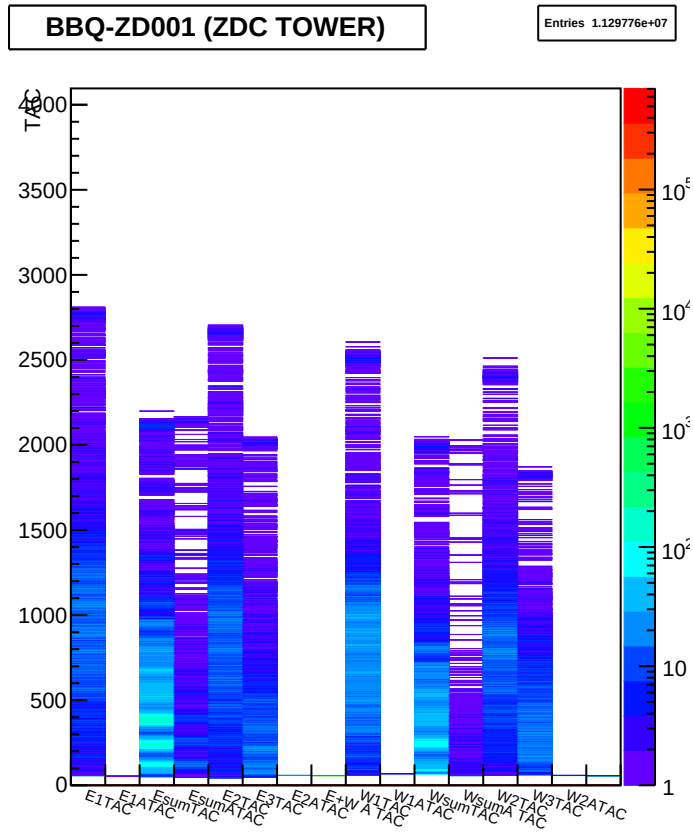

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.129776e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

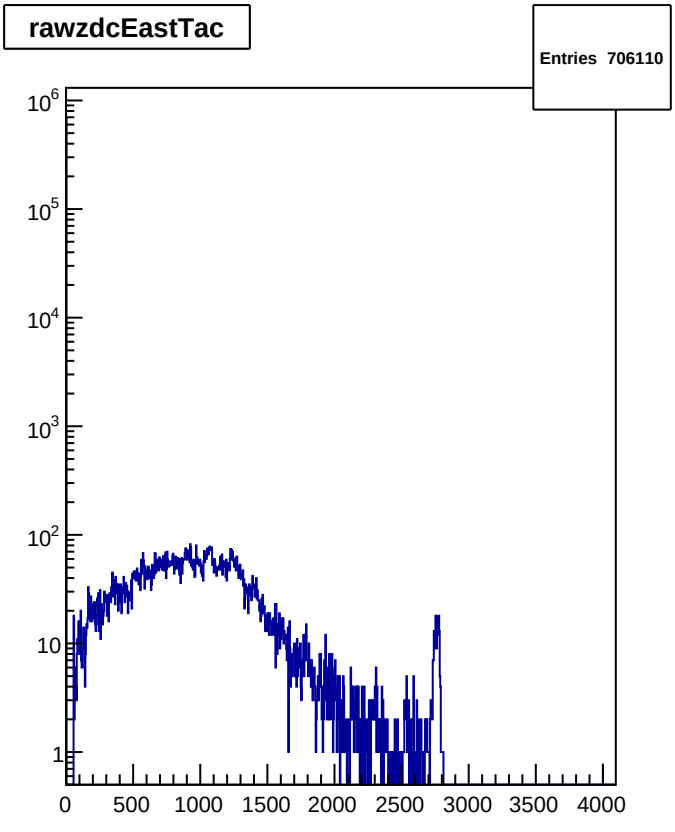

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.129776e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

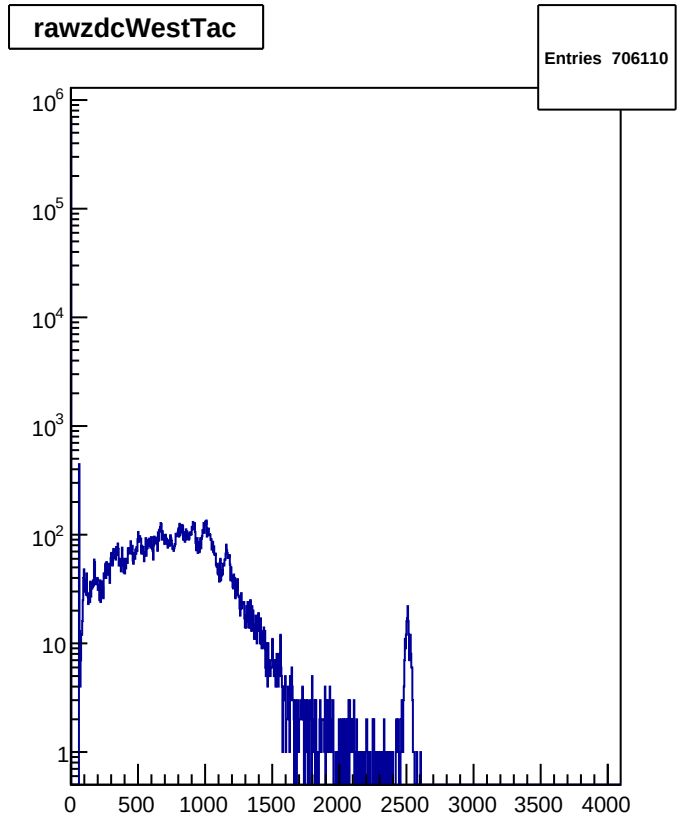

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.129776e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

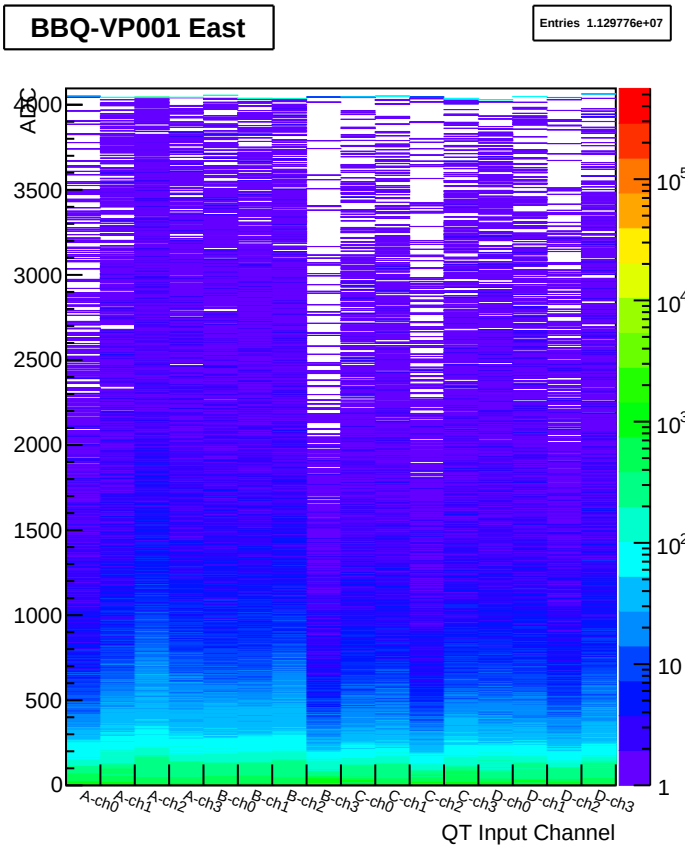

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.129776e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

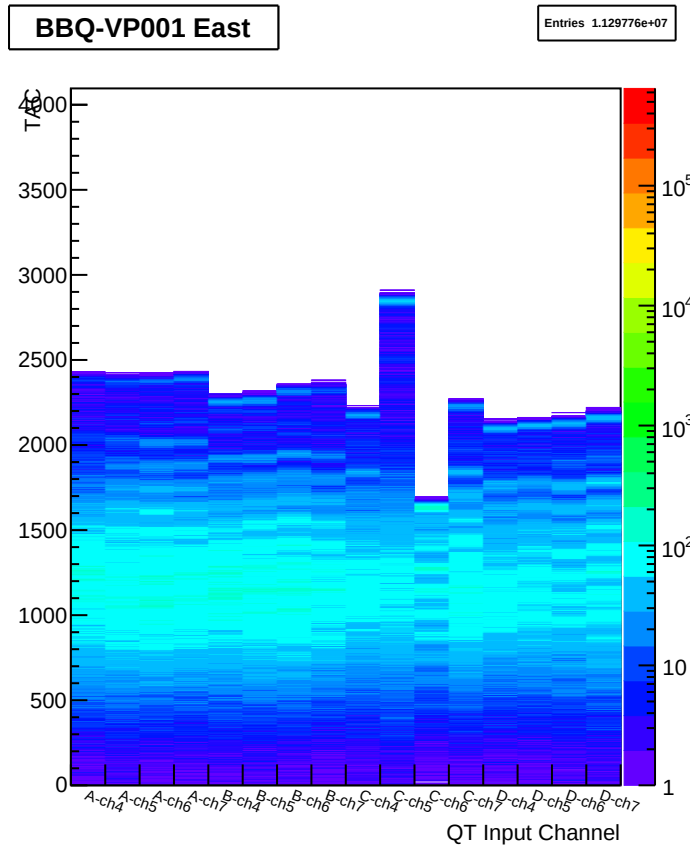

BBQ-ZD001 (ZDC TOWER)
Entries 1.129776e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1A
Wsum
WsumA
W2
W3
W2A

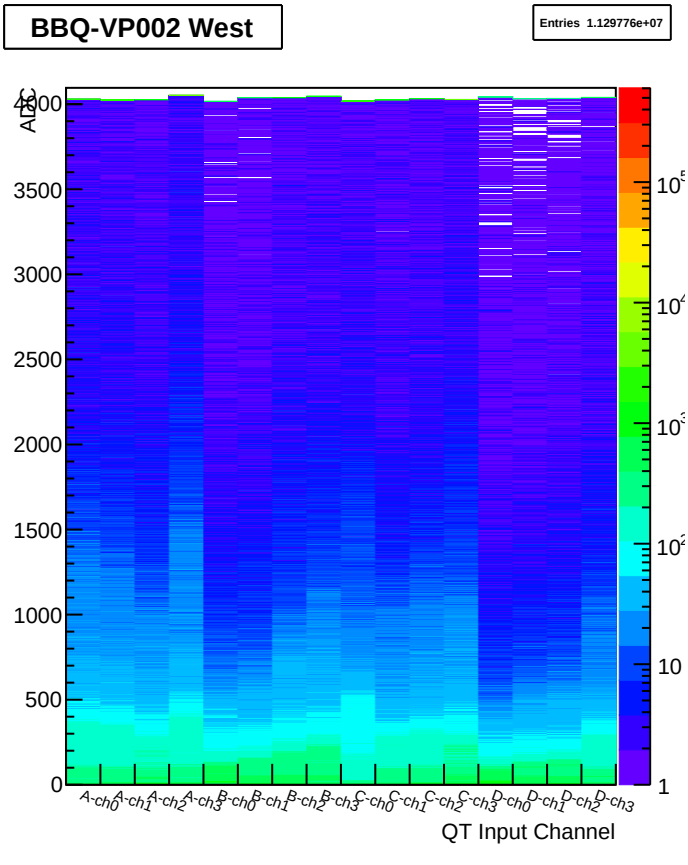

BBQ-ZD001 (ZDC TOWER)
Entries 1.129776e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

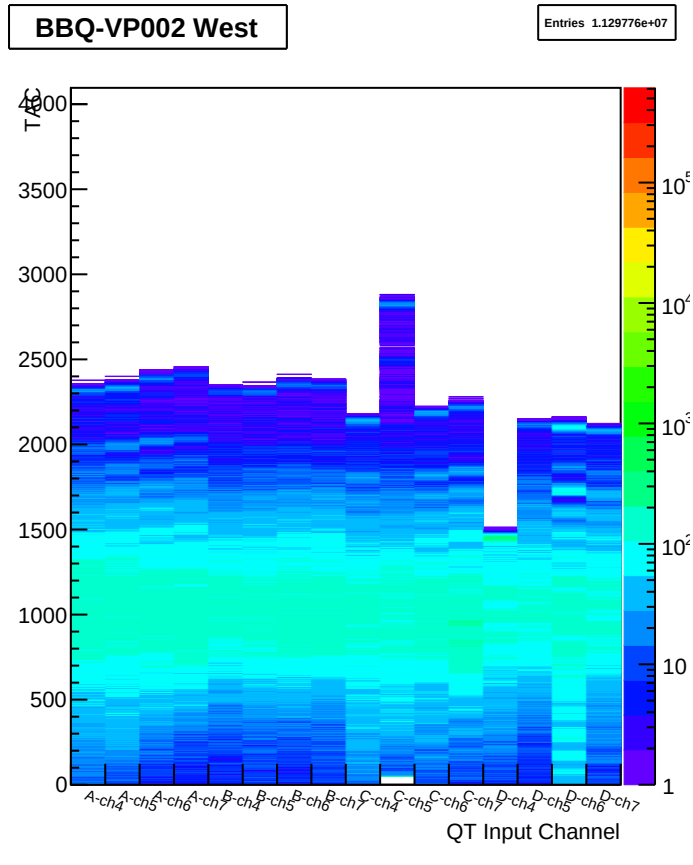

rawzdcEastTac
Entries 706110

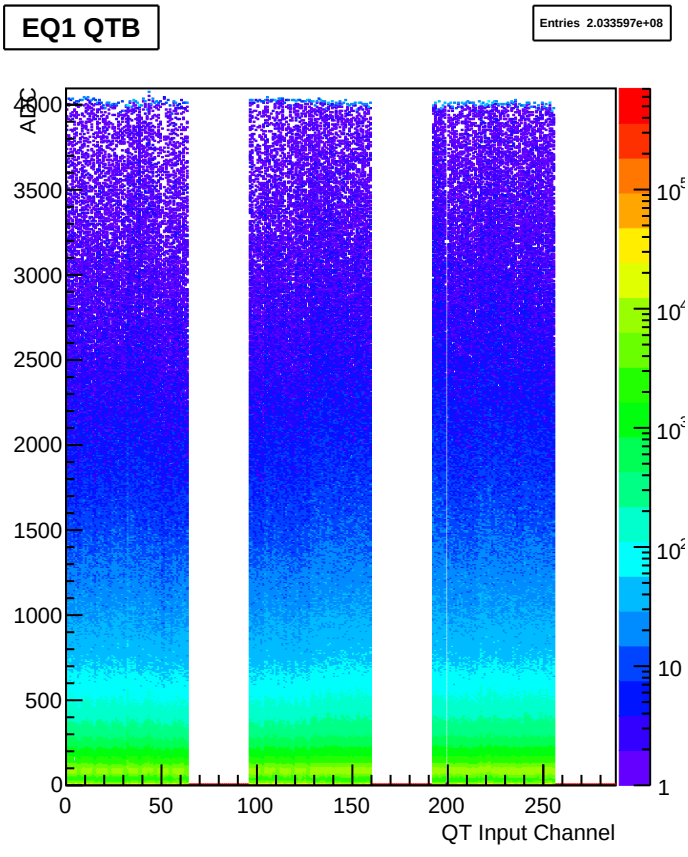

rawzdcWestTac
Entries 706110

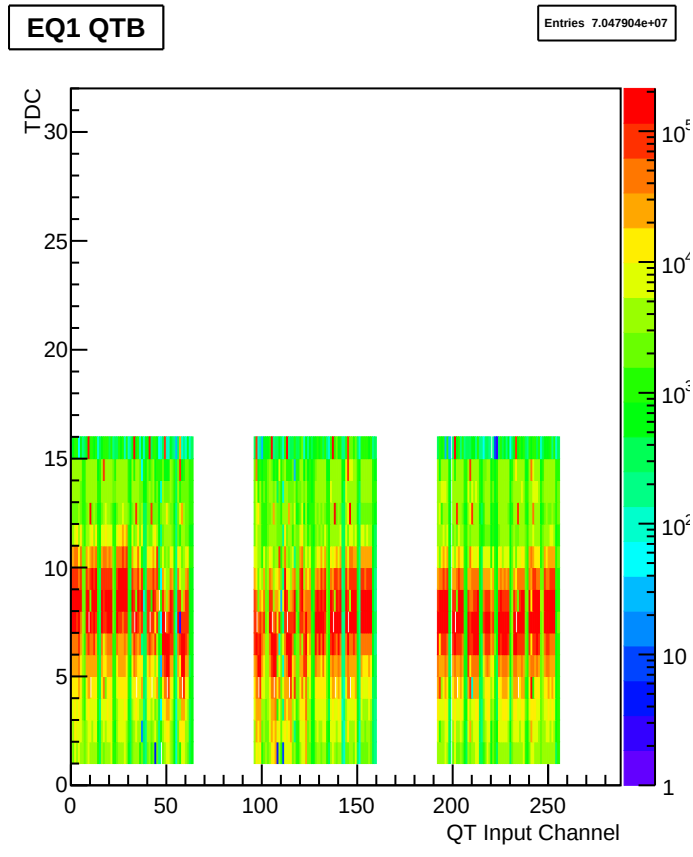

BBQ-VP001 East
Entries 1.129776e+07
ADC
QT Input Channel

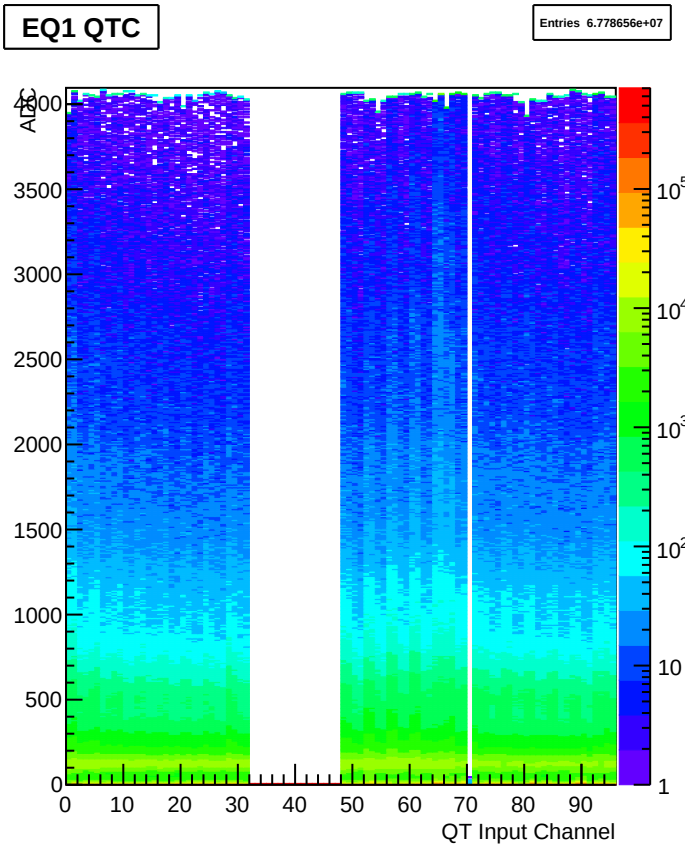

BBQ-VP001 East
Entries 1.129776e+07
TADC
QT Input Channel

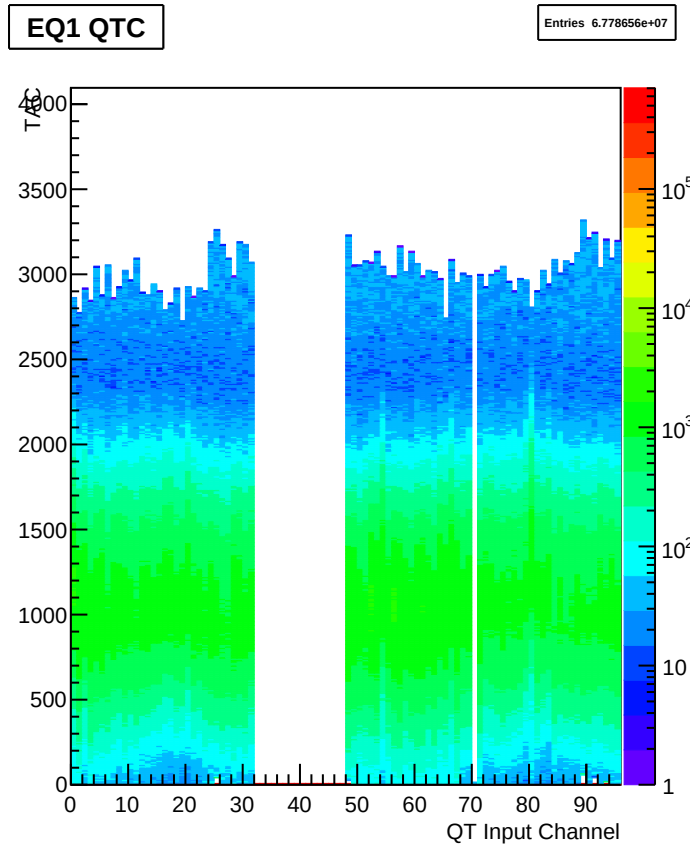

BBQ-VP002 West
Entries 1.129776e+07
ADC
QT Input Channel

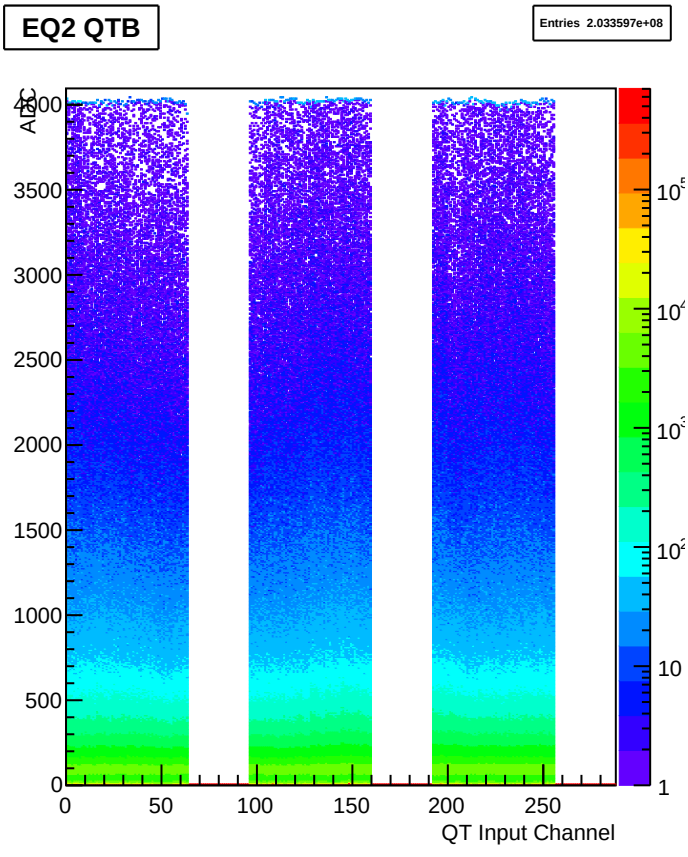

BBQ-VP002 West
Entries 1.129776e+07
TADC
QT Input Channel

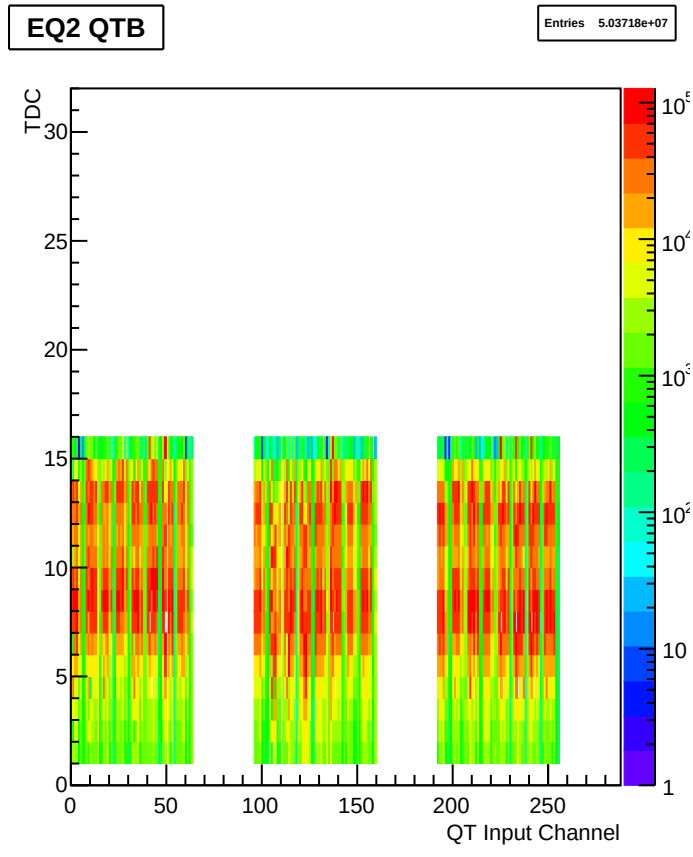

EQ1 QTB
Entries 2.033597e+08
ADC
QT Input Channel

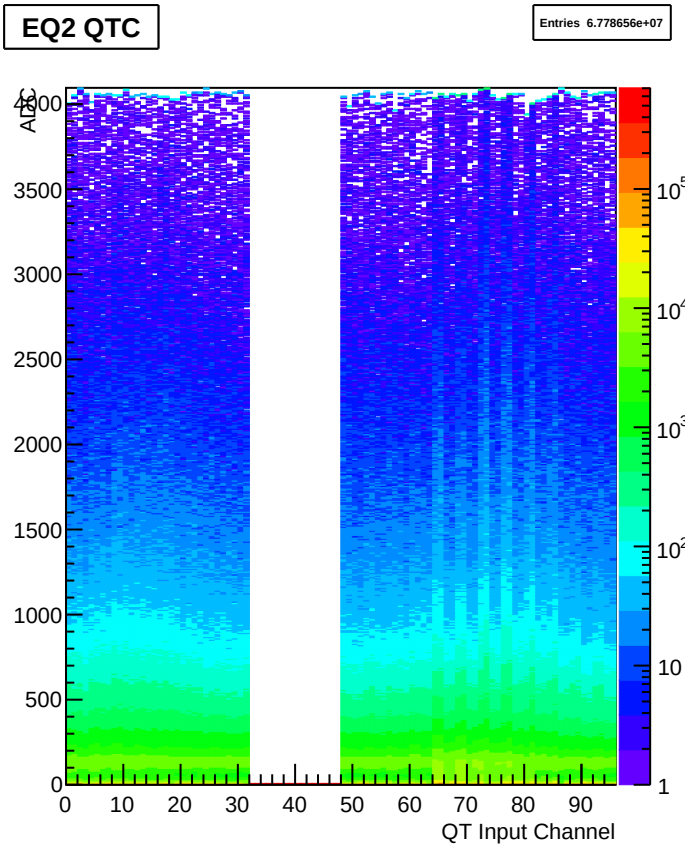

EQ1 QTB
Entries 7.047904e+07
TDC
QT Input Channel

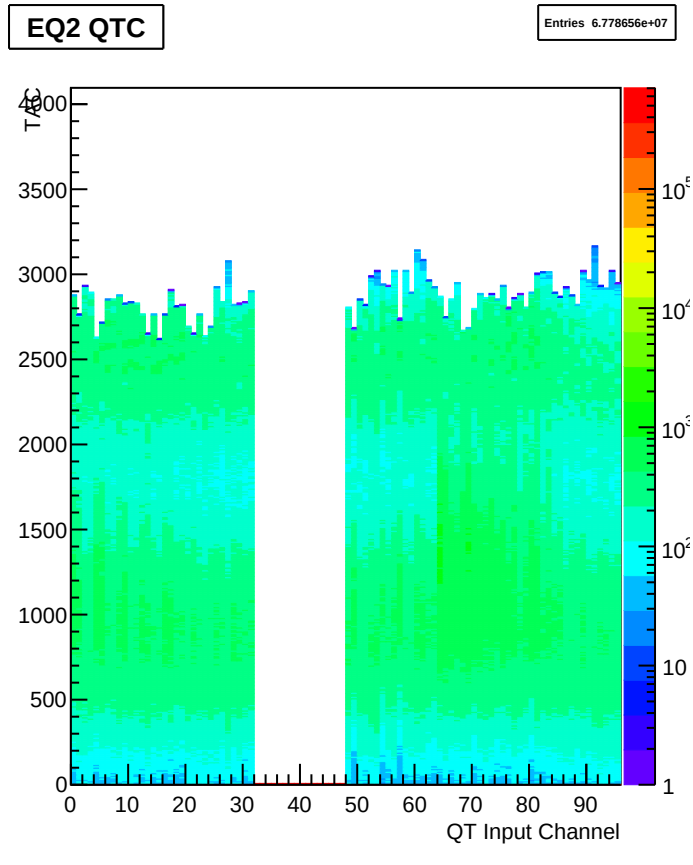

EQ1 QTC
Entries 6.778656e+07
ADC
QT Input Channel

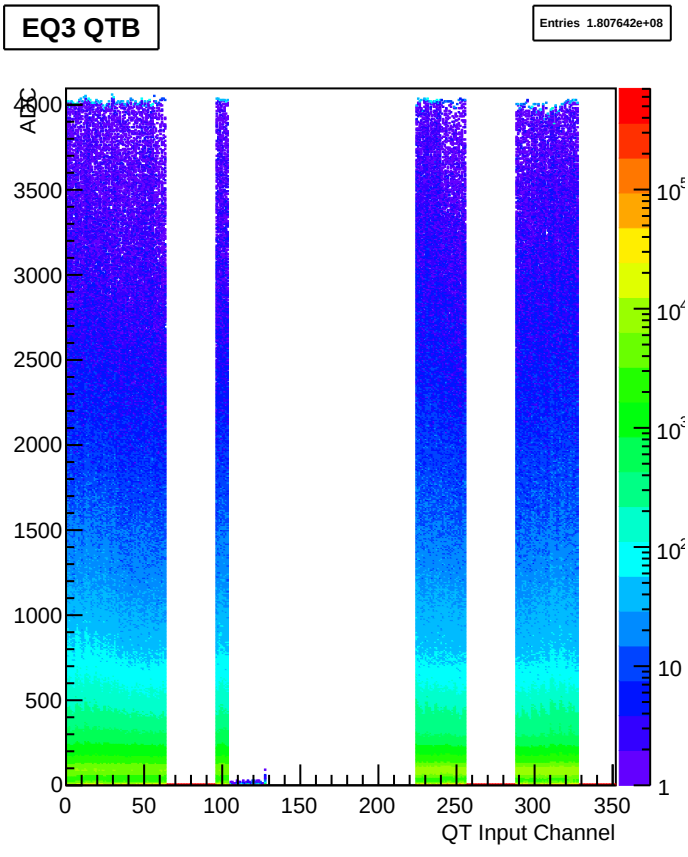

EQ1 QTC
Entries 6.778656e+07
TADC
QT Input Channel

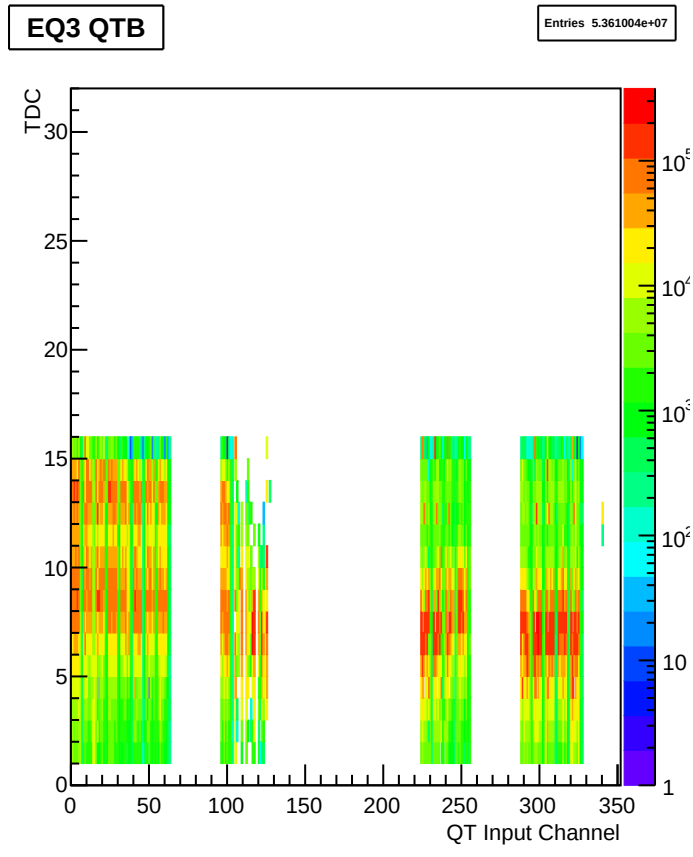

EQ2 QTB
Entries 2.033597e+08
ADC
QT Input Channel

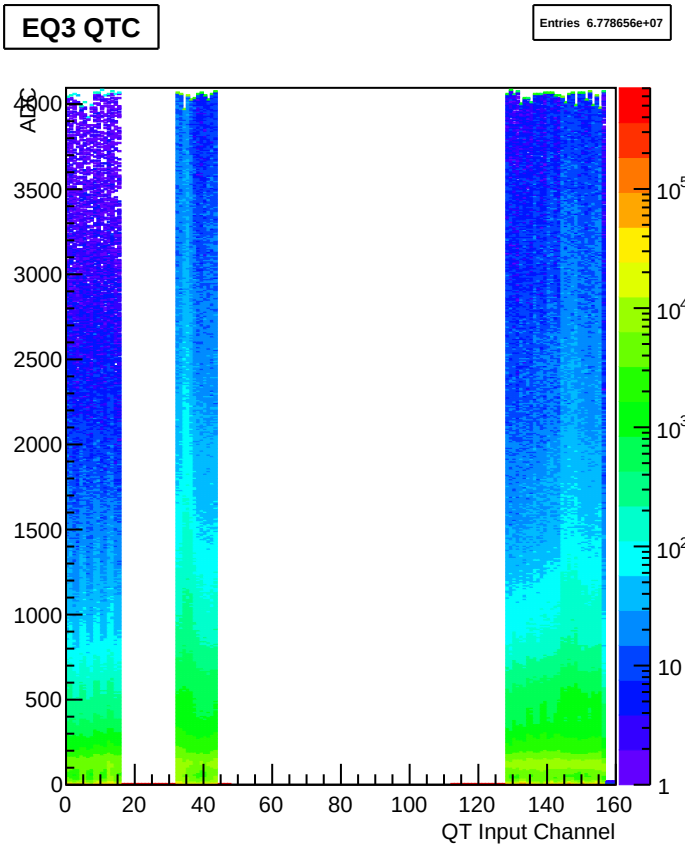

EQ2 QTB
Entries 5.03718e+07
TDC
QT Input Channel

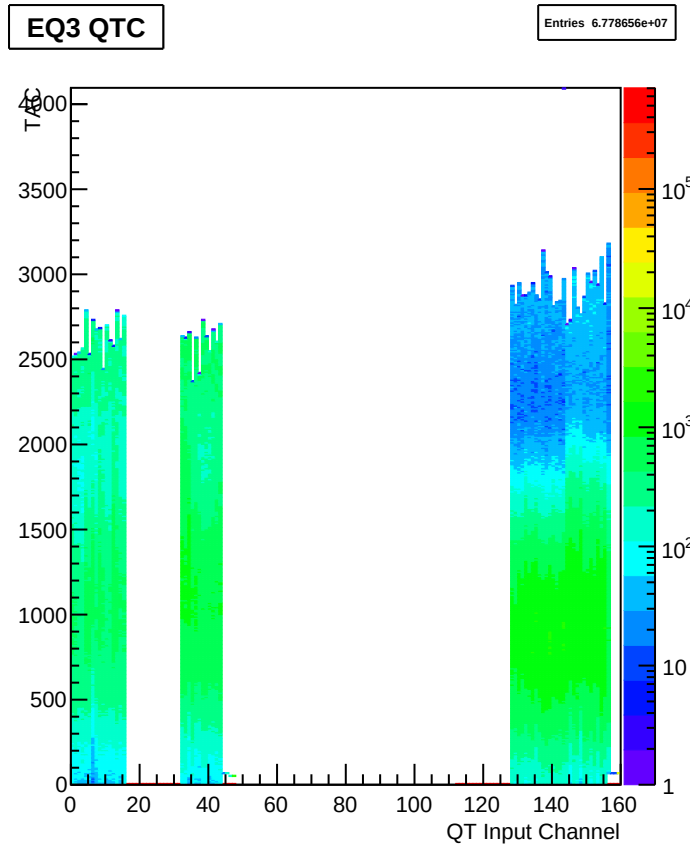

EQ2 QTC
Entries 6.778656e+07
ADC
QT Input Channel

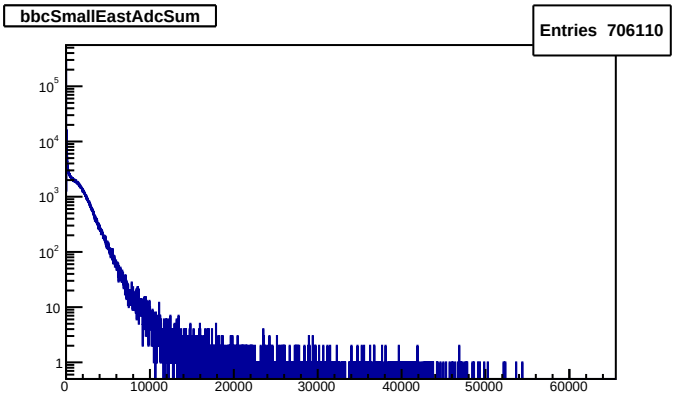

EQ2 QTC
Entries 6.778656e+07
TADC
QT Input Channel

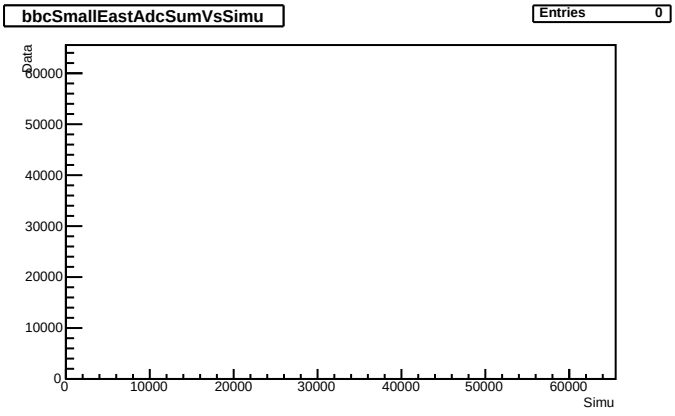

EQ3 QTB
Entries 1.807642e+08
ADC
QT Input Channel

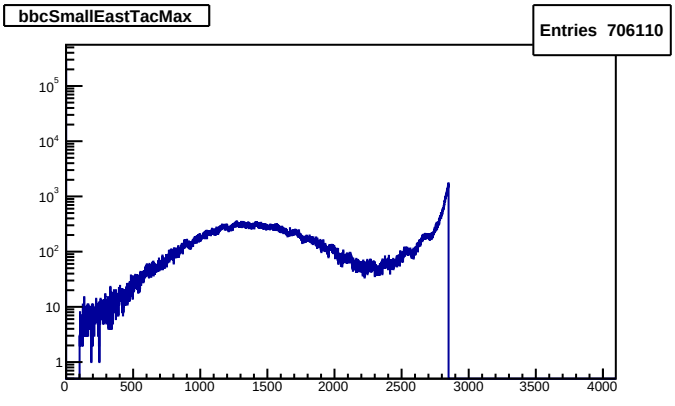

EQ3 QTB
Entries 5.361004e+07
TDC
QT Input Channel


EQ3 QTC
Entries 6.778656e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.778656e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 706110


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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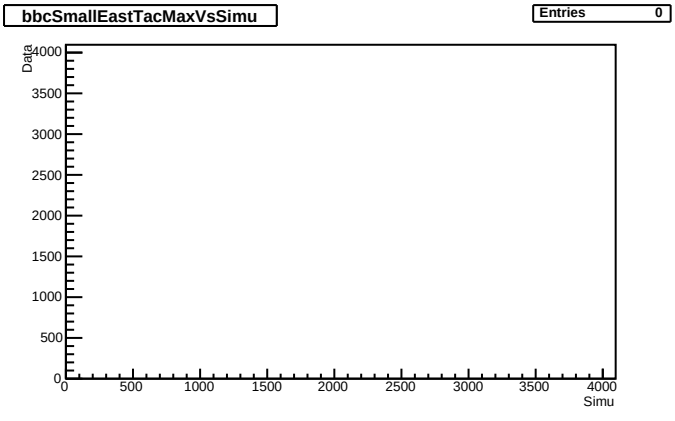
Entries 706110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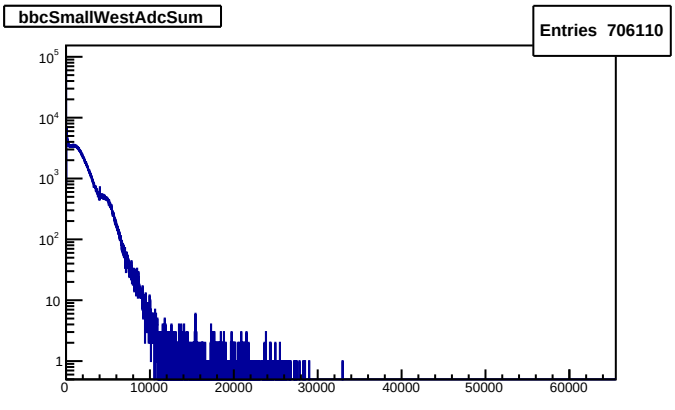
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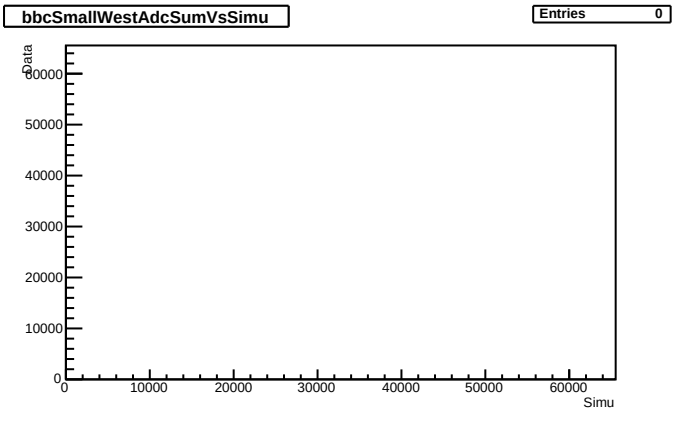
Entries 706110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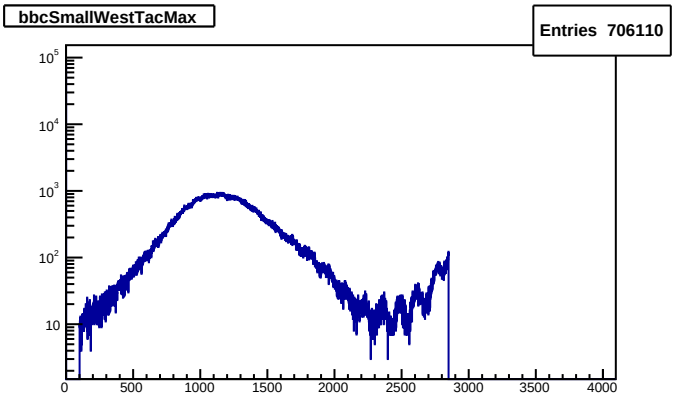
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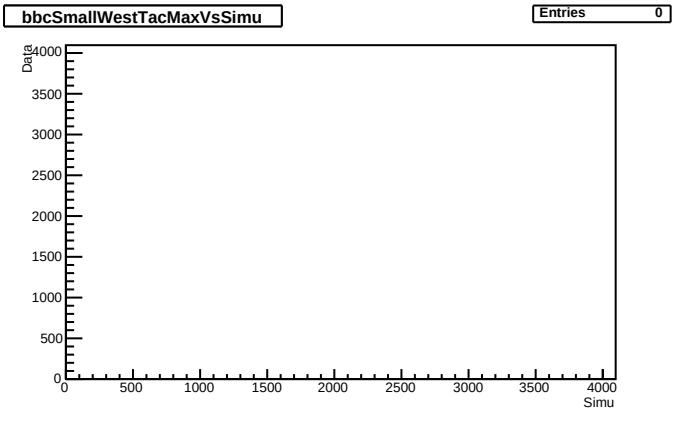
Entries 706110


bbcSmallWestTacMaxVsSimu
Entries 0
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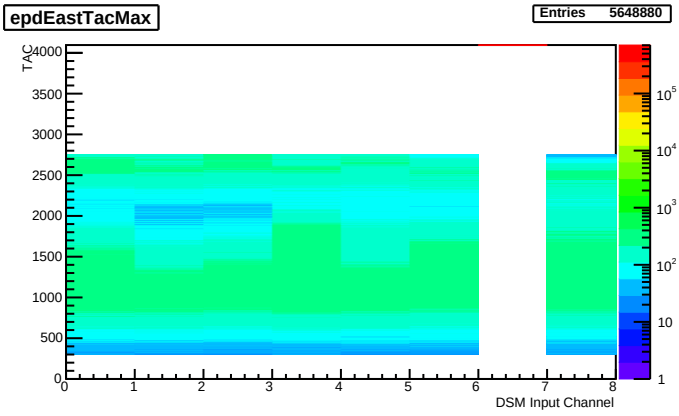
Simu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Entries 5648880
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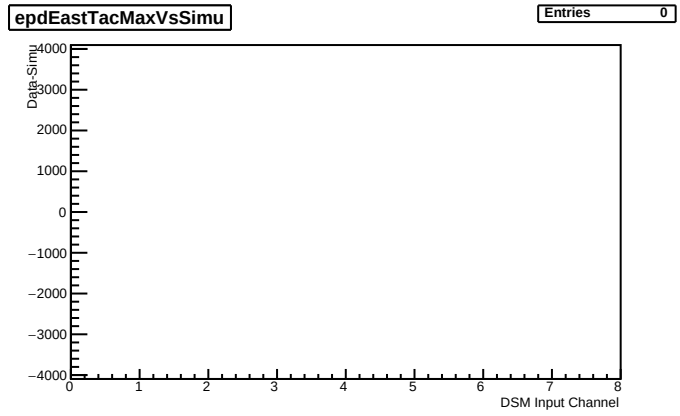
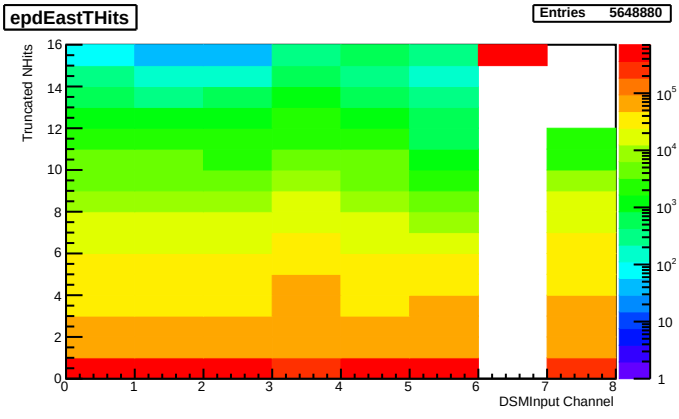
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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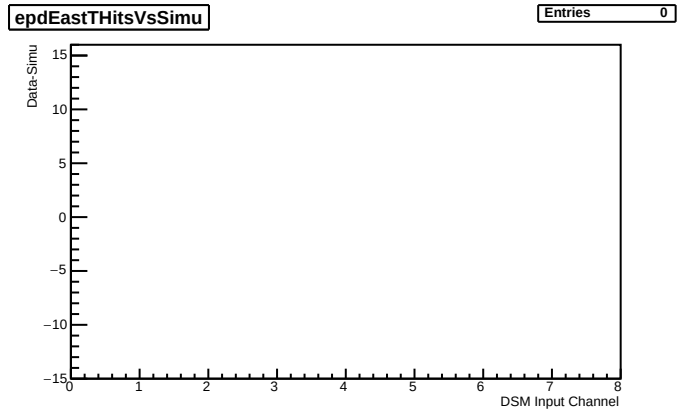
Entries 5648880
Truncated NHits
DSMInput Channel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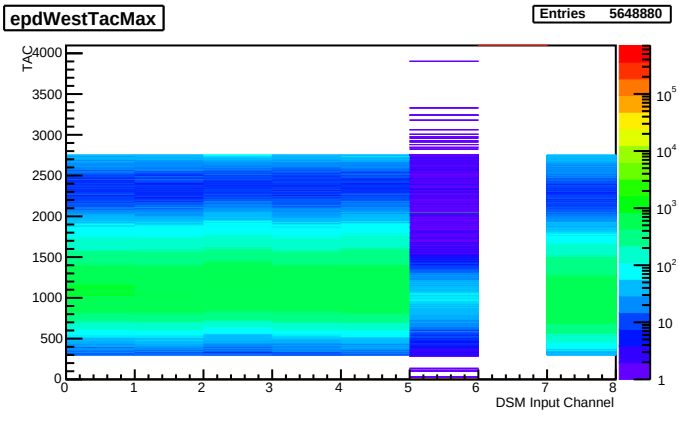
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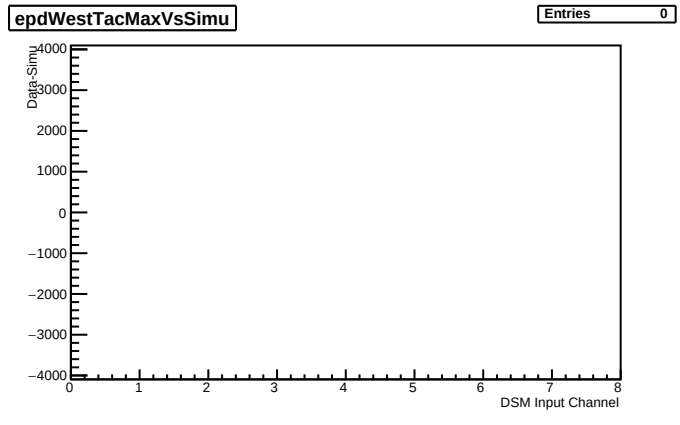
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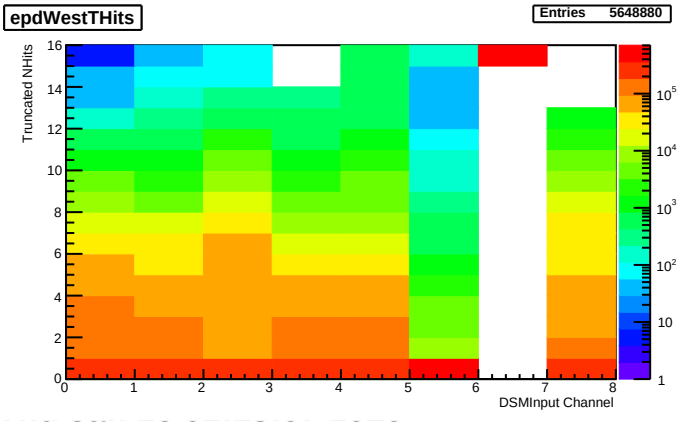
DSM Input Channel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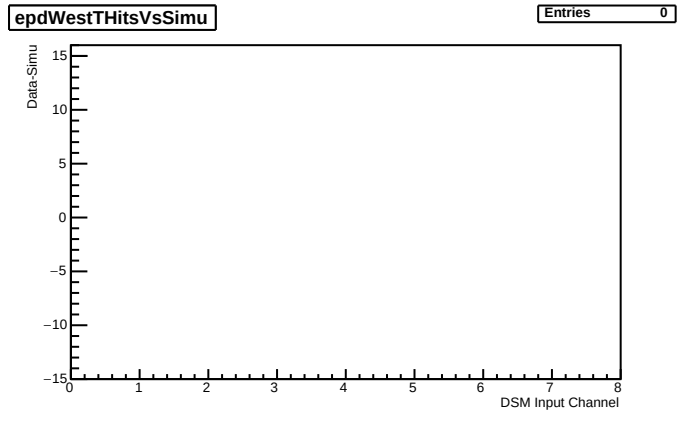
Entries 5648880
Truncated NHits
DSMInput Channel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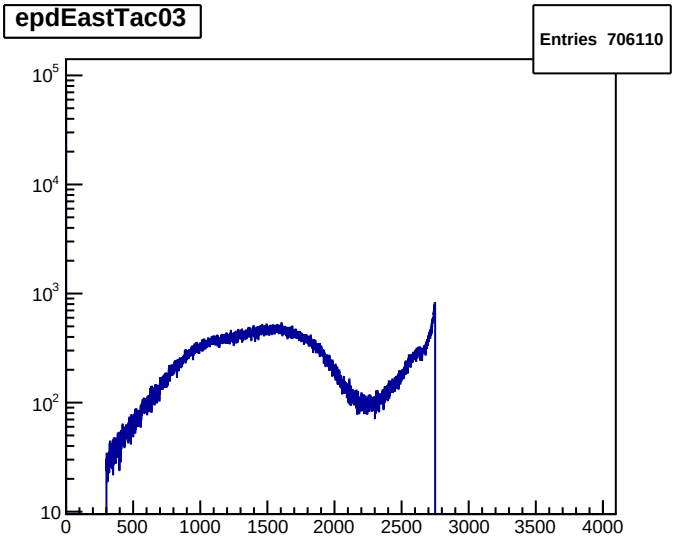
Data-Simu
DSM Input Channel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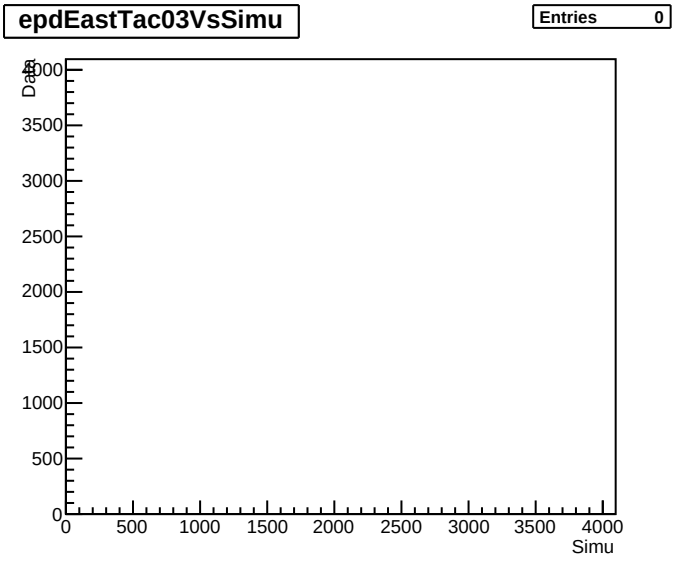
Entries 706110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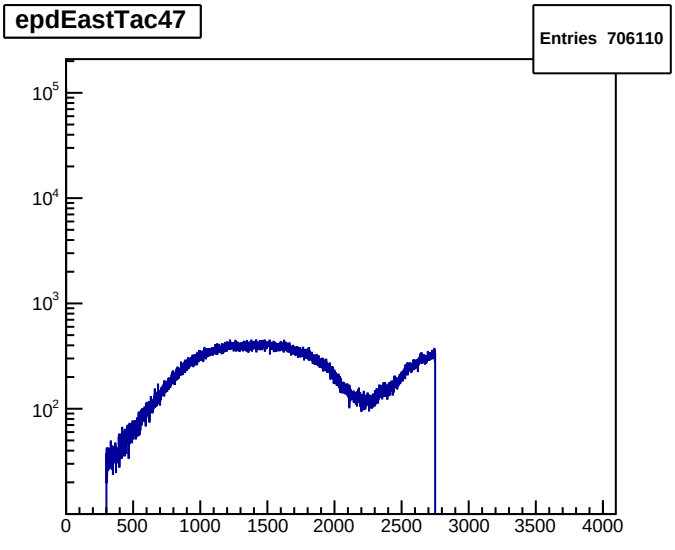
Entries 0
Data
Simu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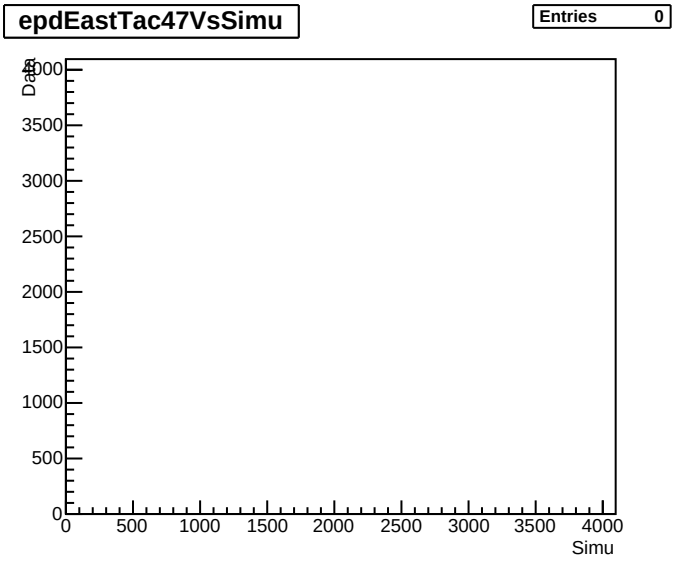
Entries 706110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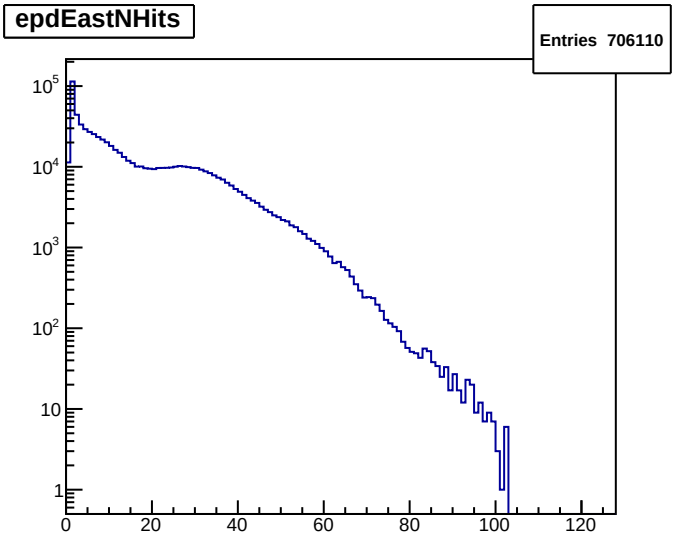
Entries 0
Data
Simu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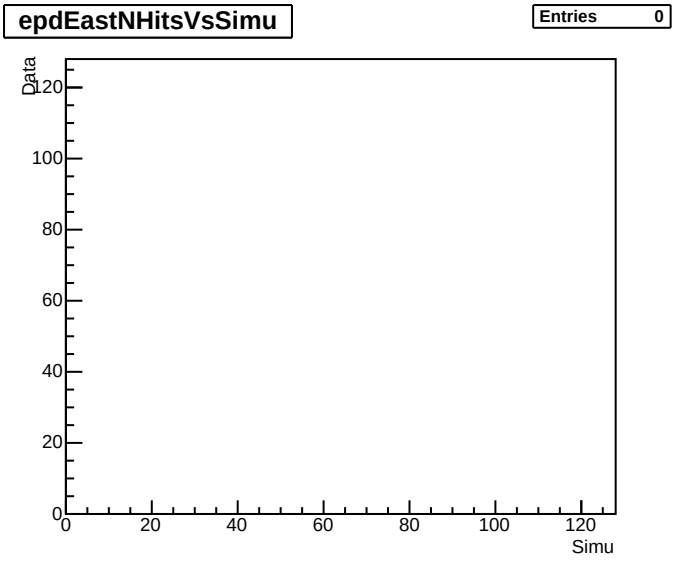
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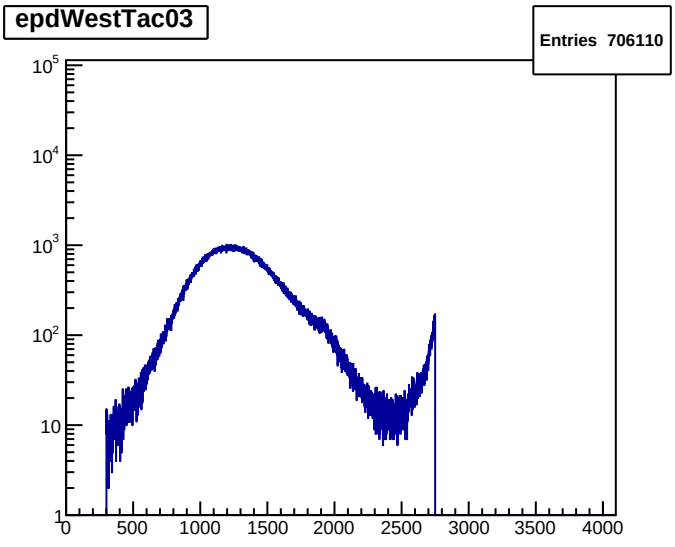
Simu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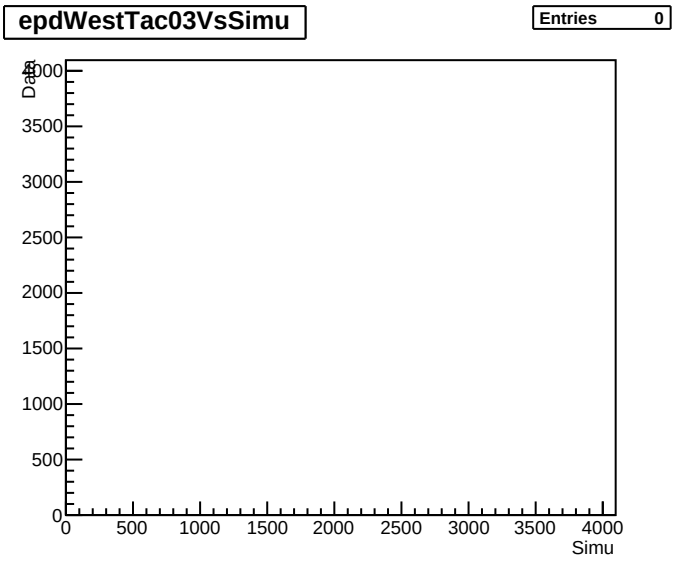
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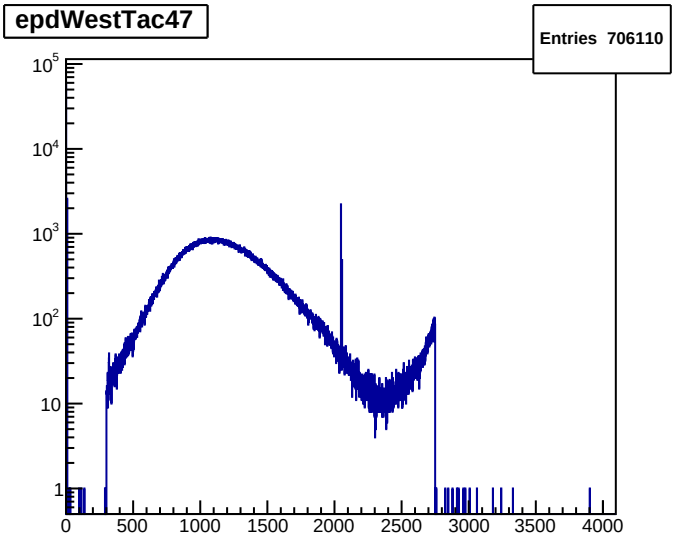
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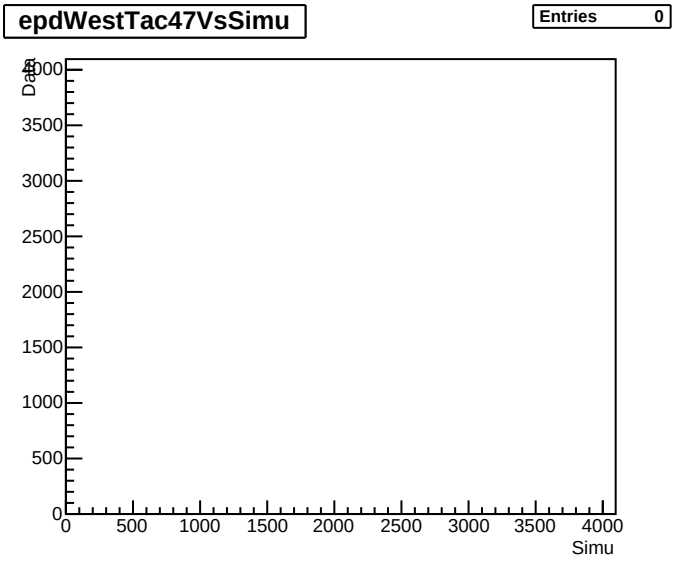
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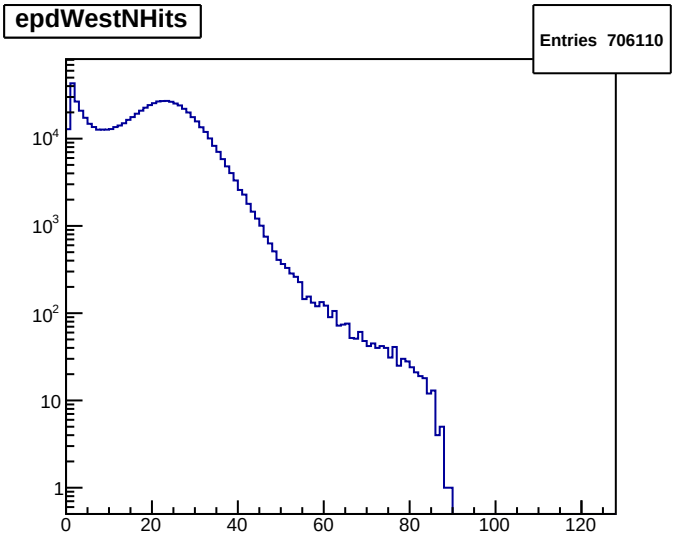
Data
Simu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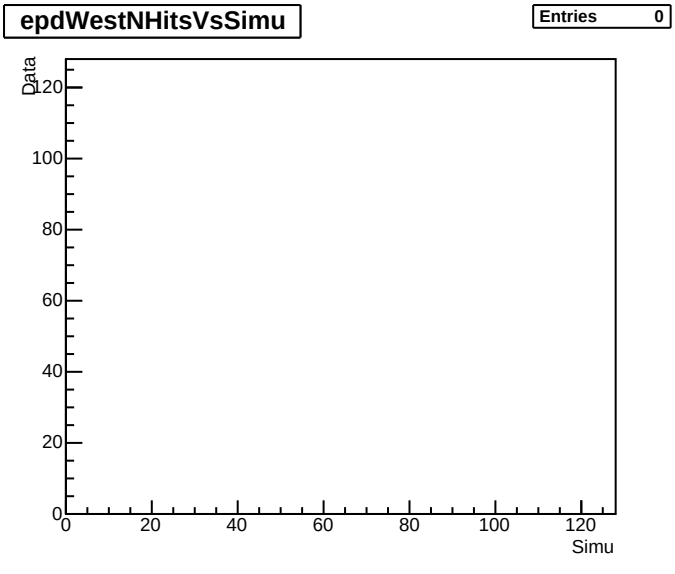
Entries 706110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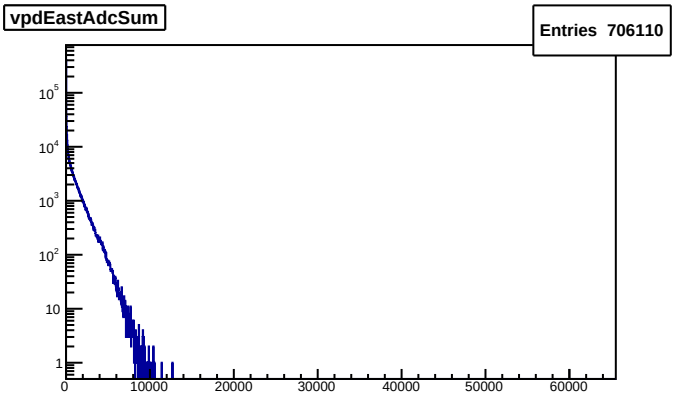
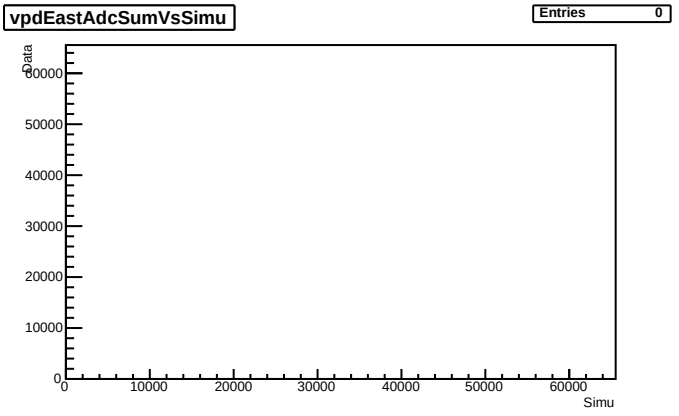
Entries 0
Data
Simu


vpdEastAdcSum
Entries 706110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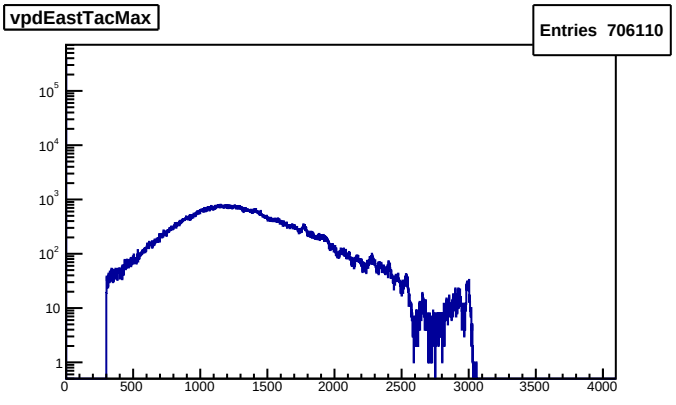
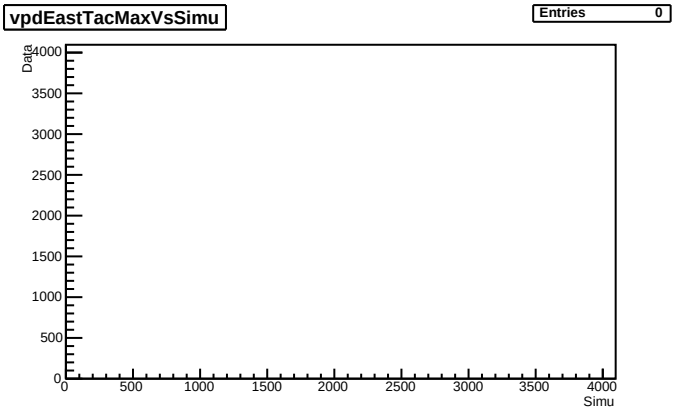
Entries 0
Data
Simu


vpdEastTacMax
Entries 706110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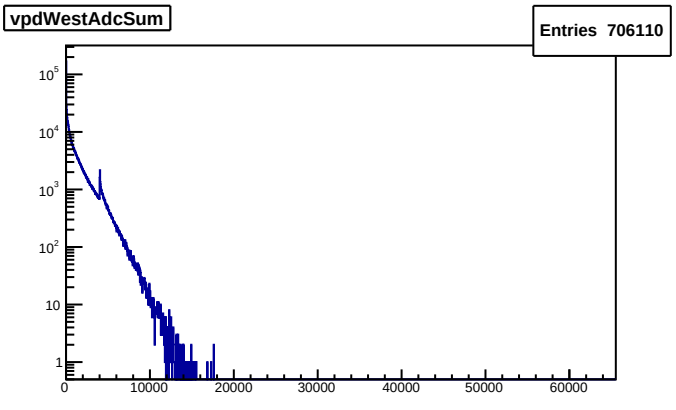
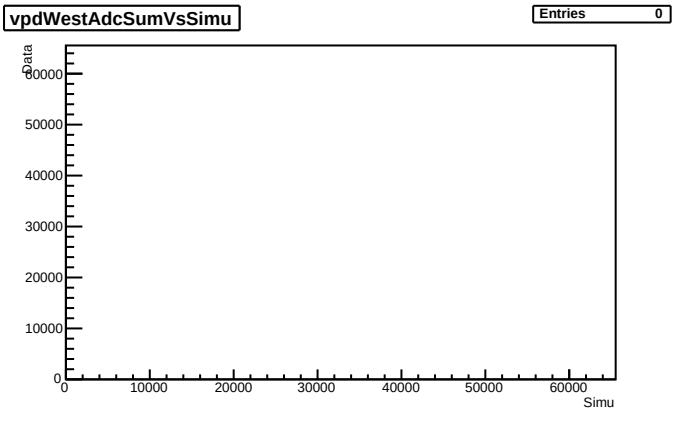
Entries 0
Data
Simu


vpdWestAdcSum
Entries 706110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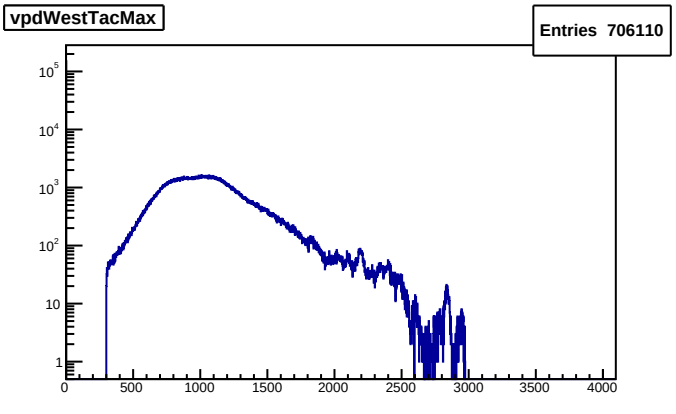
Entries 0
Data
Simu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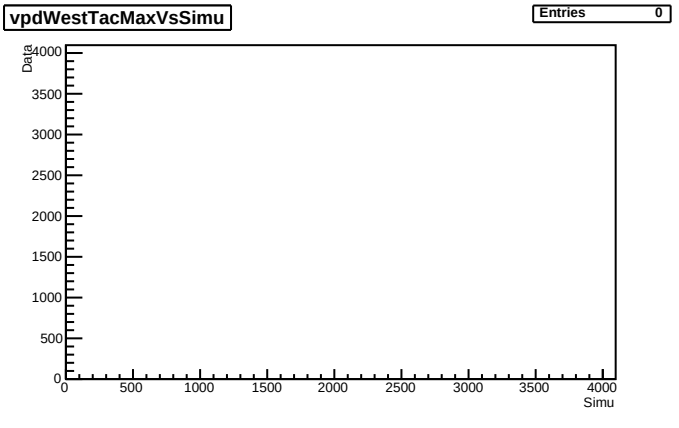
Entries 706110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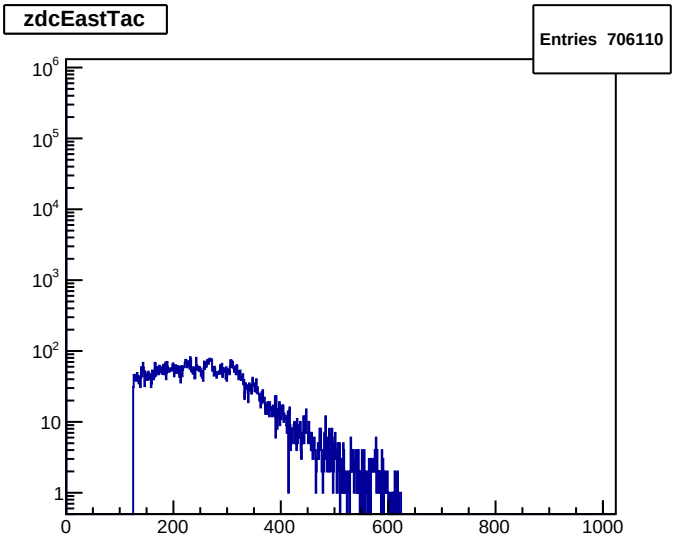
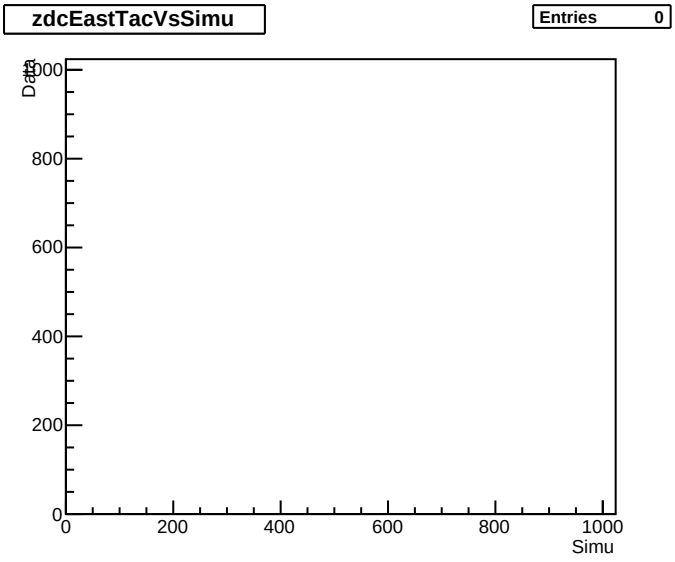
Entries 0
Data
Simu


zdcEastTac
Entries 706110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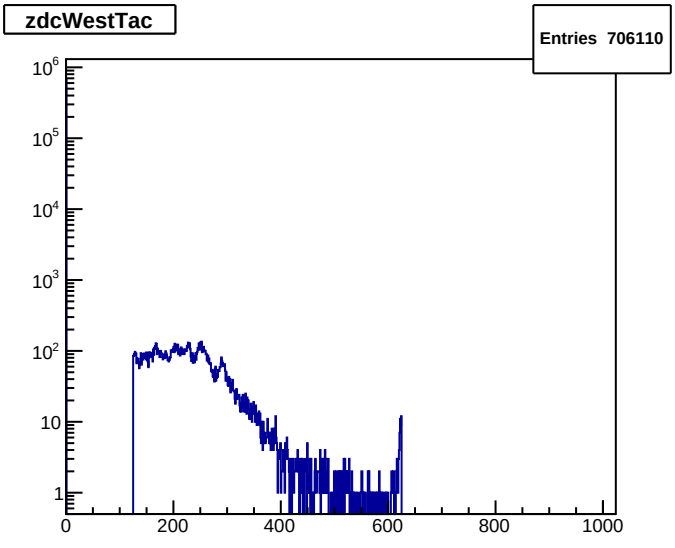
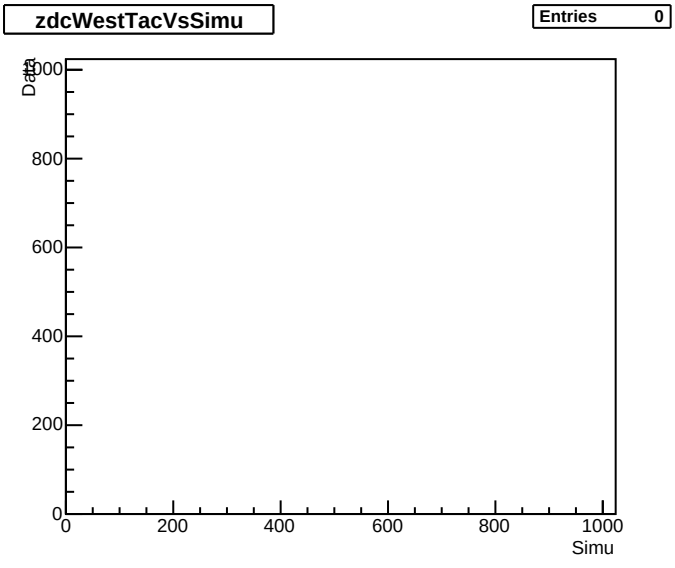
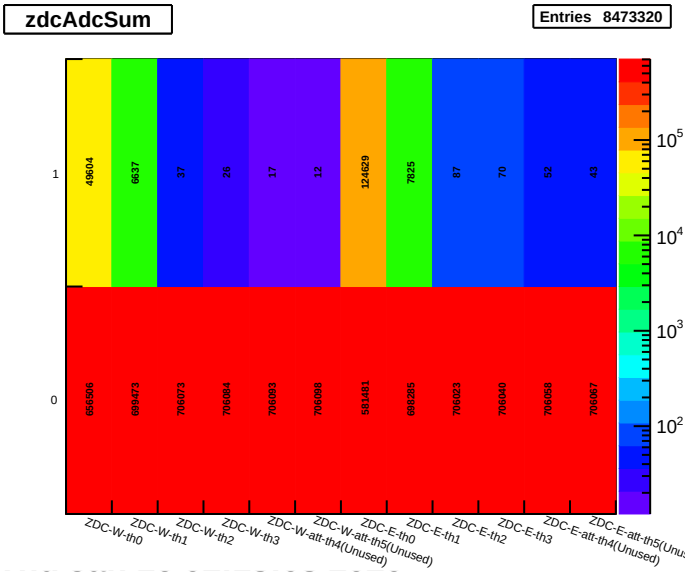
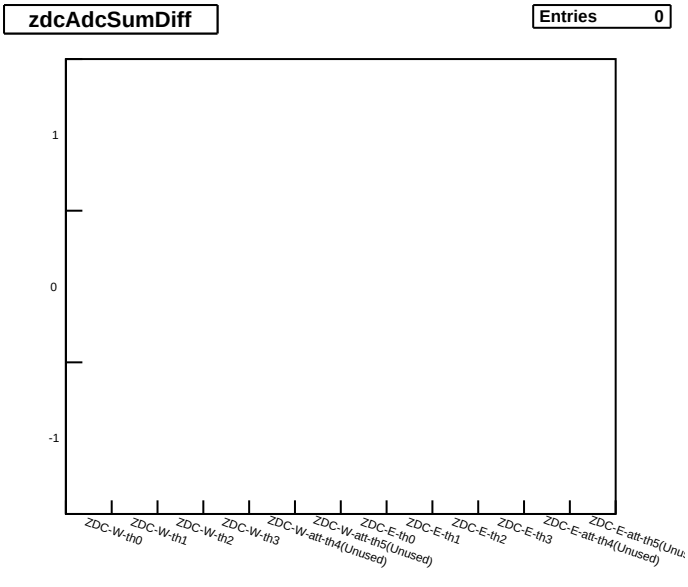
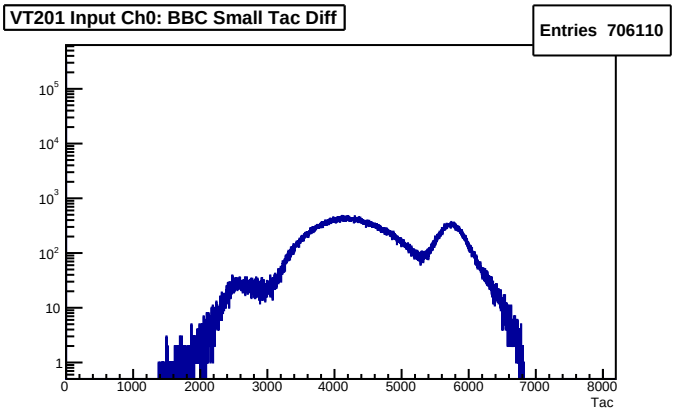
Entries 0
Data
Simu

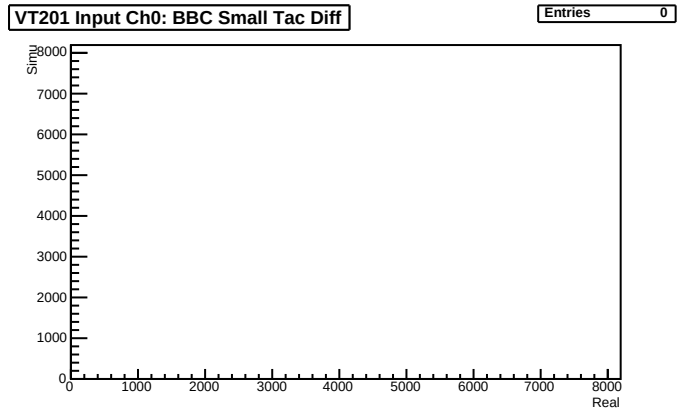

zdcWestTac
Entries 706110

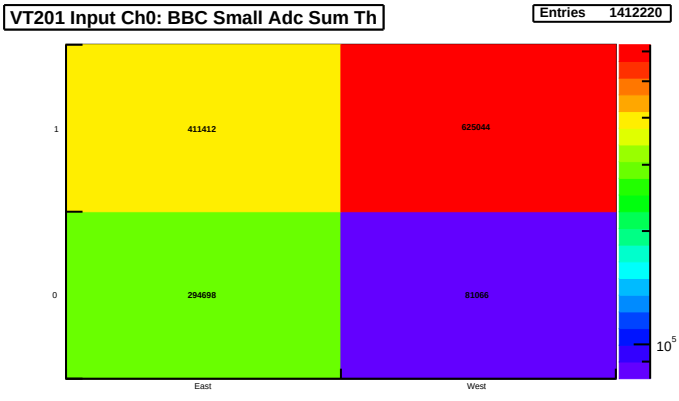

zdcWestTacVsSimu
Entries 0
Data
Simu

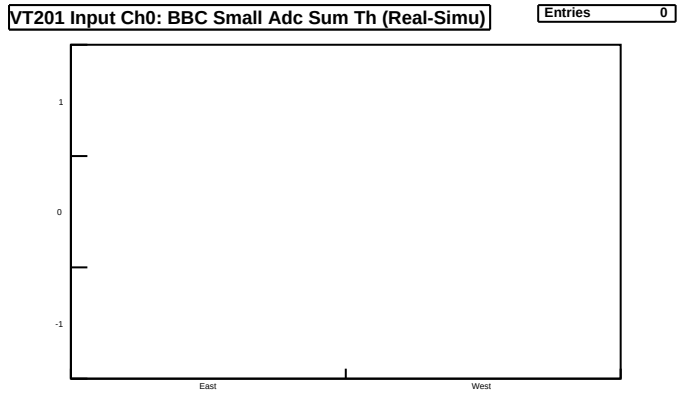

zdcAdcSum
Entries 8473320
49604
6637
37
26
17
12
124629
7825
87
70
52
43
656506
699473
706073
706084
706093
706098
581481
698285
706023
706040
706058
706087
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

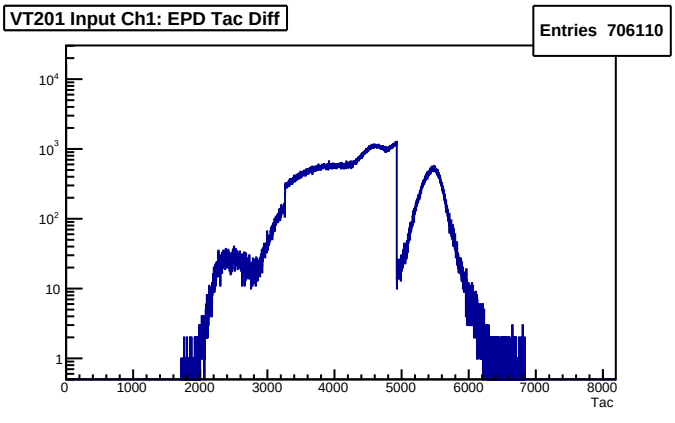

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

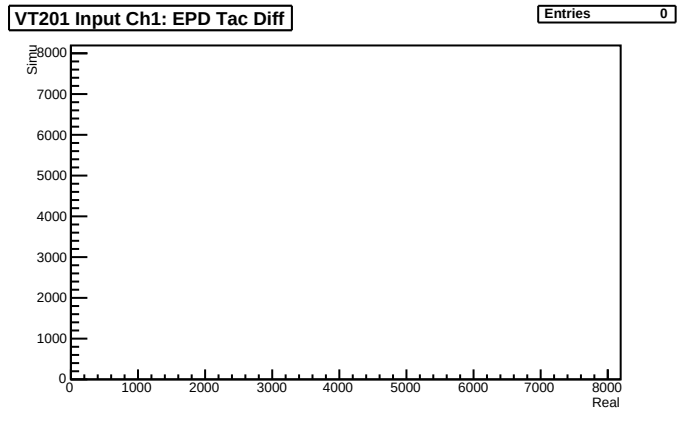

VT201 Input Ch0: BBC Small Tac Diff
Entries 706110
Tac

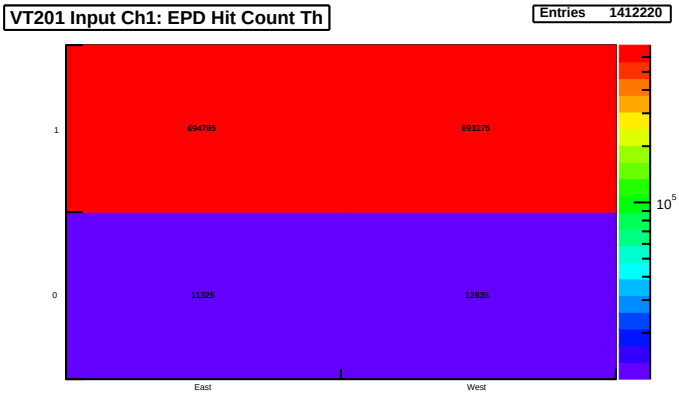

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

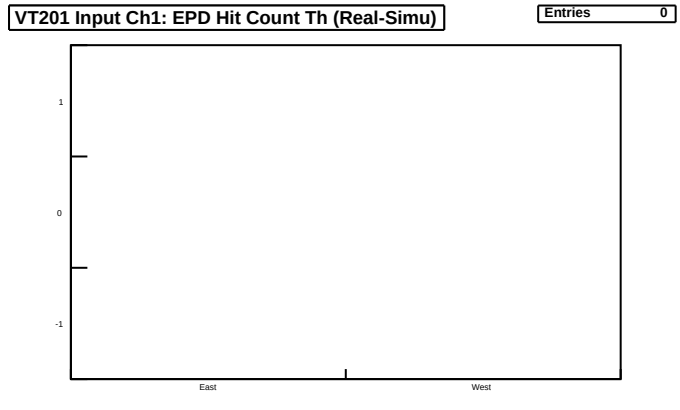

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1412220
411412
625044
294698
81066
East
West

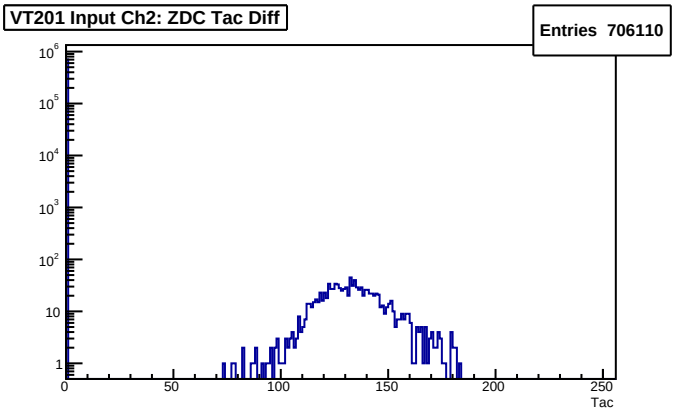

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

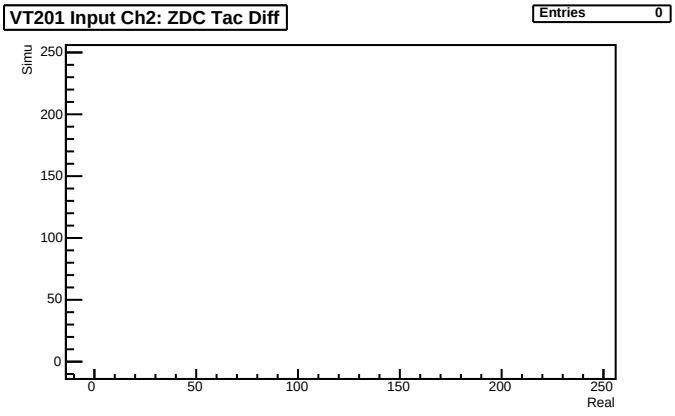

VT201 Input Ch1: EPD Tac Diff
Entries 706110
Tac

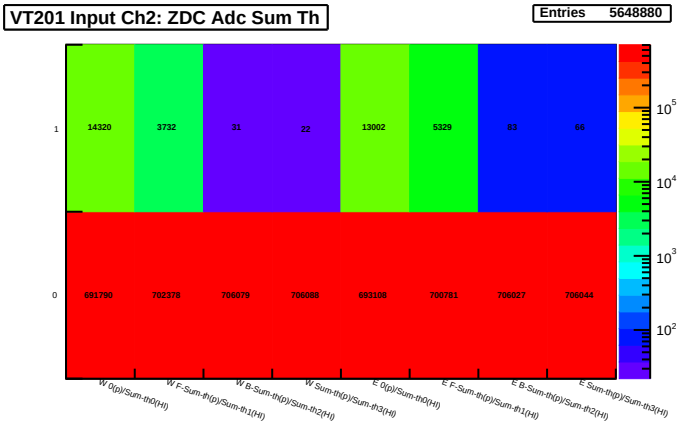

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

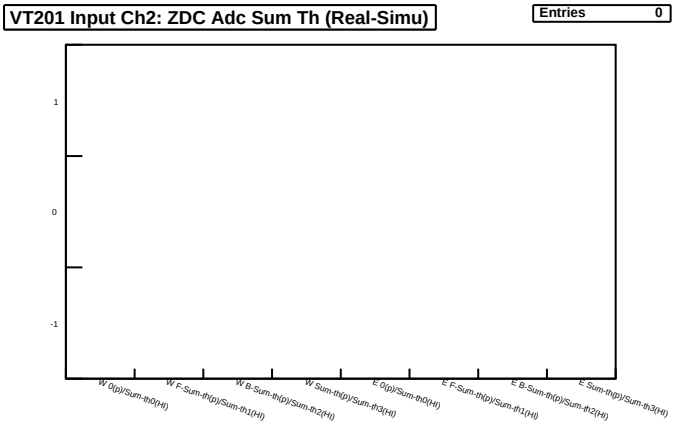

VT201 Input Ch1: EPD Hit Count Th
Entries 1412220
694785
693275
11325
12835
East
West

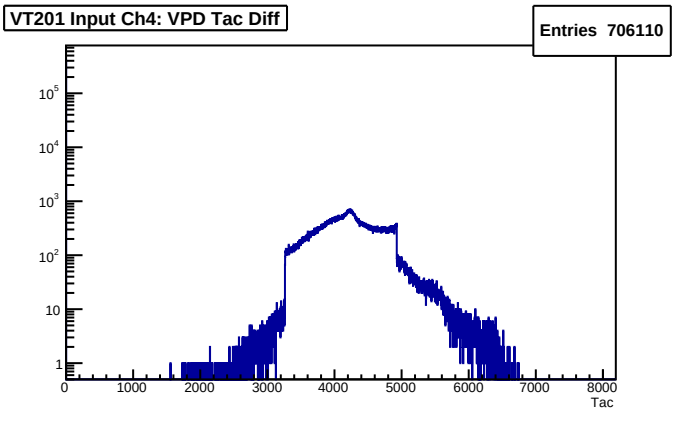

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

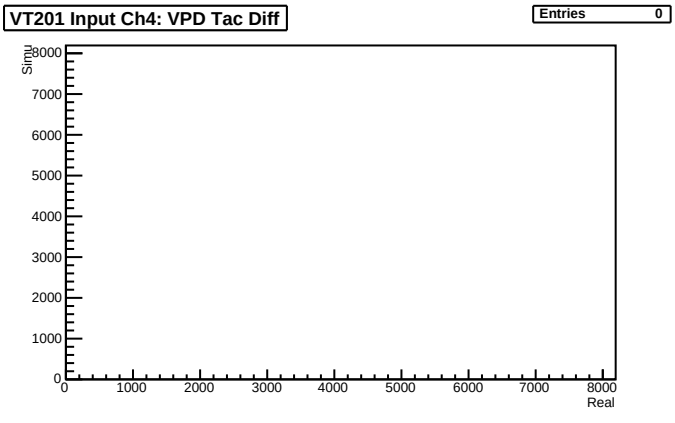

VT201 Input Ch2: ZDC Tac Diff
Entries 706110
Tac

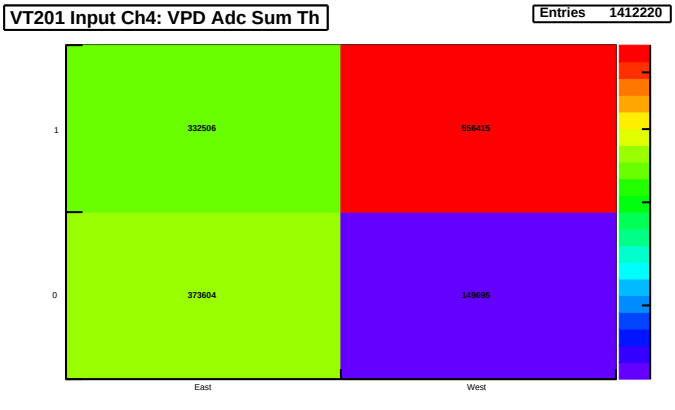

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

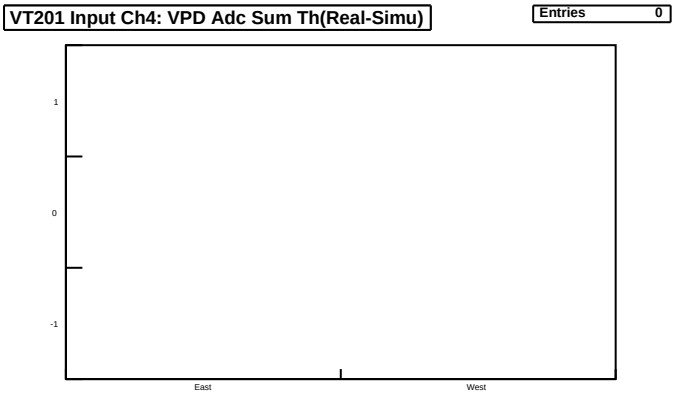

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5648880
14320
3732
31
22
13002
5329
83
66
691790
702378
706079
706088
693108
700781
706027
706044
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

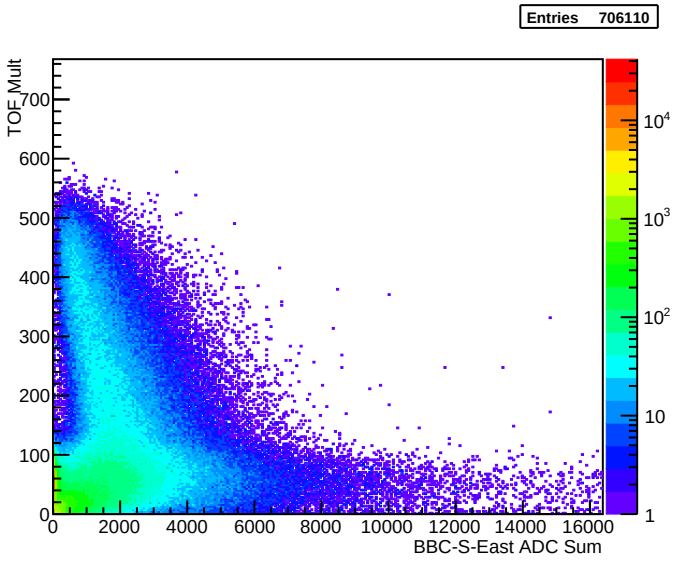

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

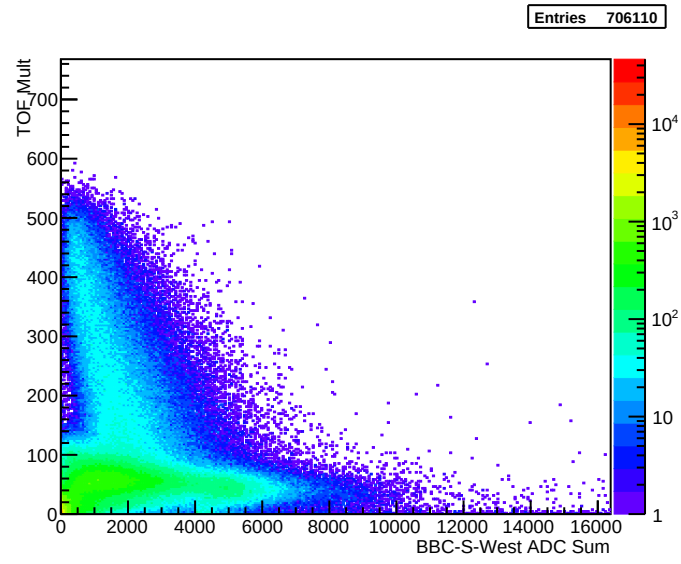

VT201 Input Ch4: VPD Tac Diff
Entries 706110
Tac

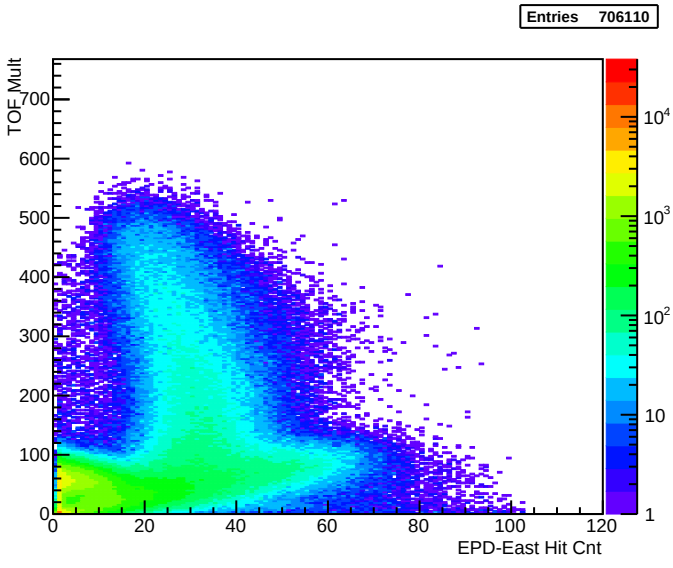

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

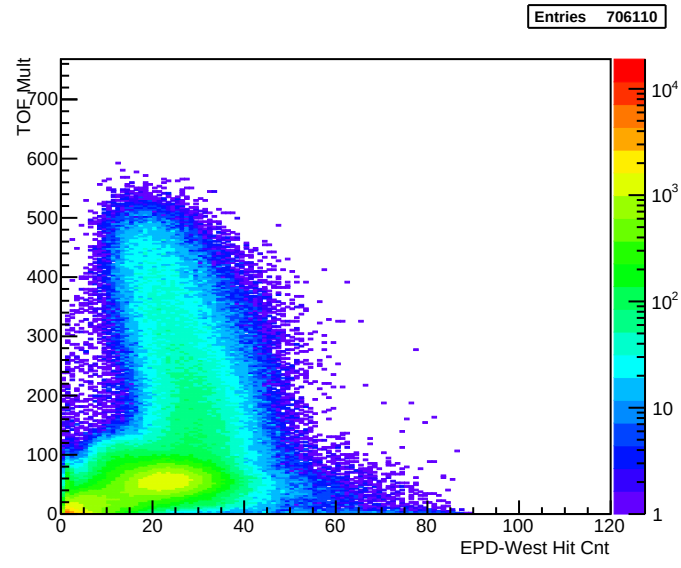

VT201 Input Ch4: VPD Adc Sum Th
Entries 1412220
332506
556415
373604
149695
East
West

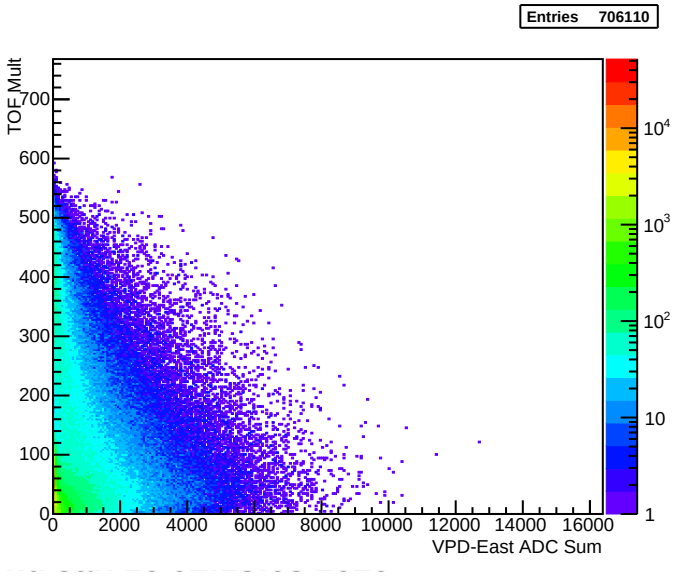

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

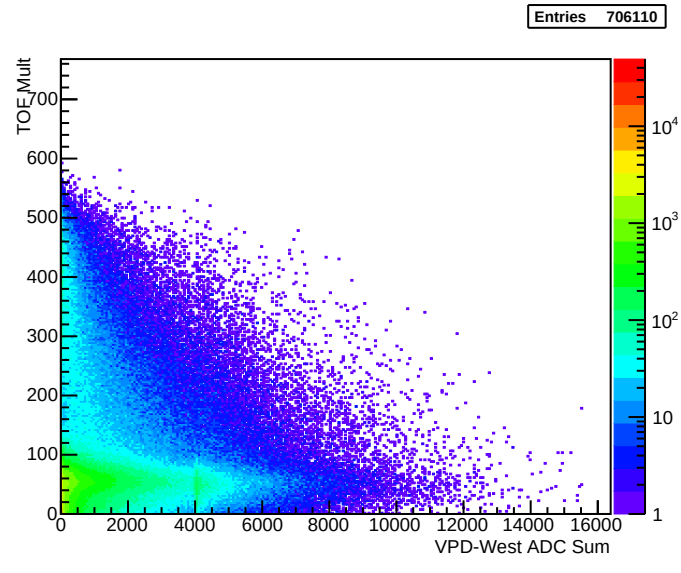

Entries 706110
TOF_Mult
BBC-S-East ADC Sum

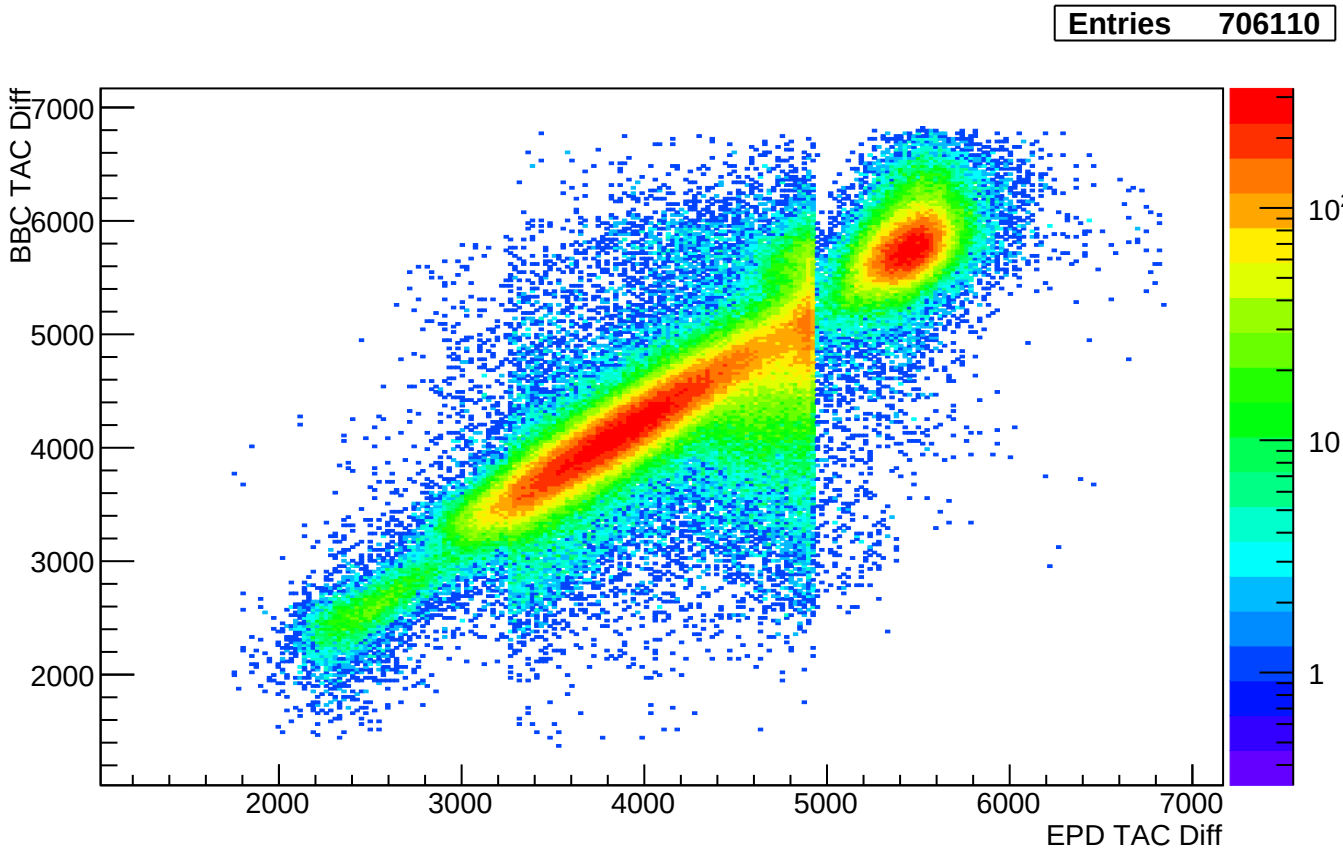

Entries 706110
TOF_Mult
BBC-S-West ADC Sum

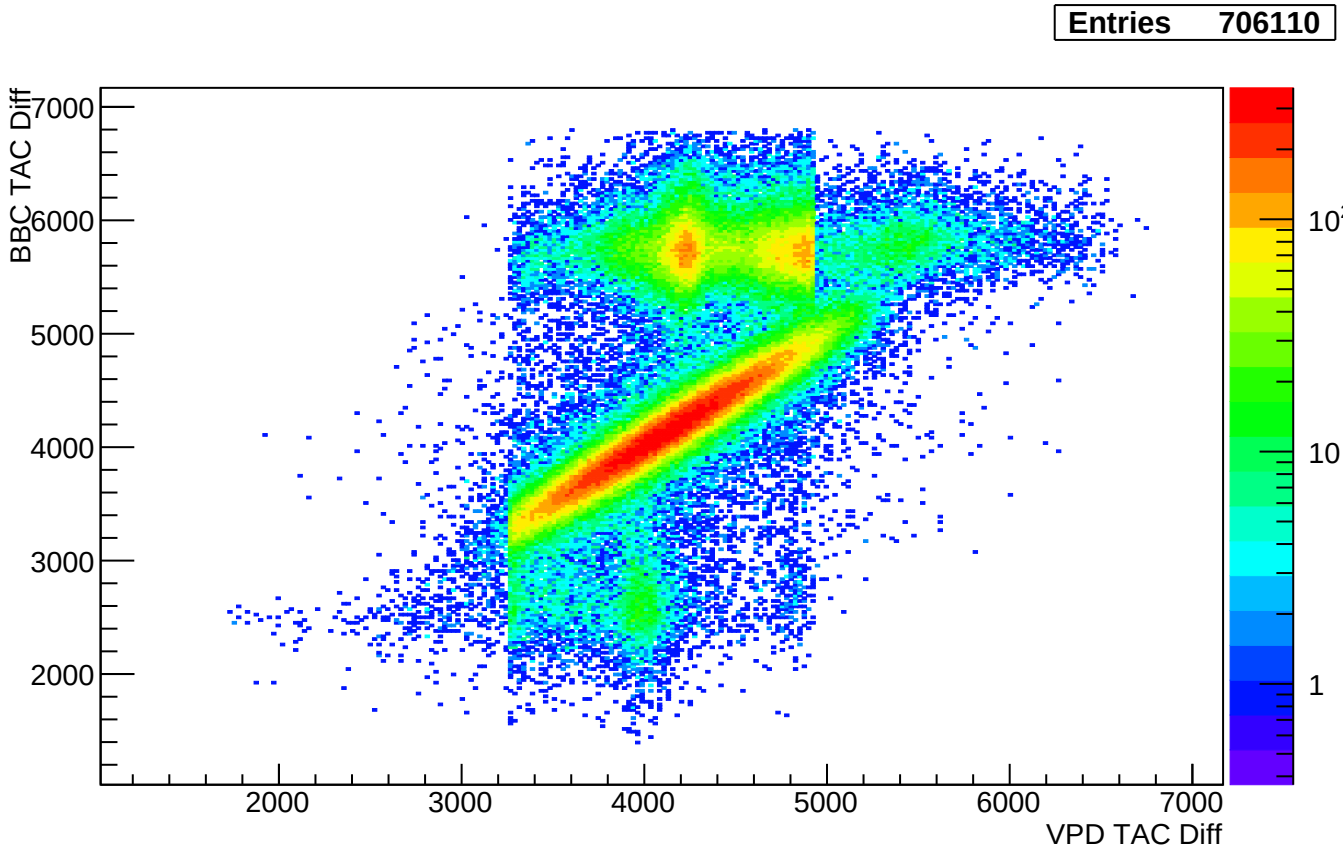

Entries 706110
TOF_Mult
EPD-East Hit Cnt

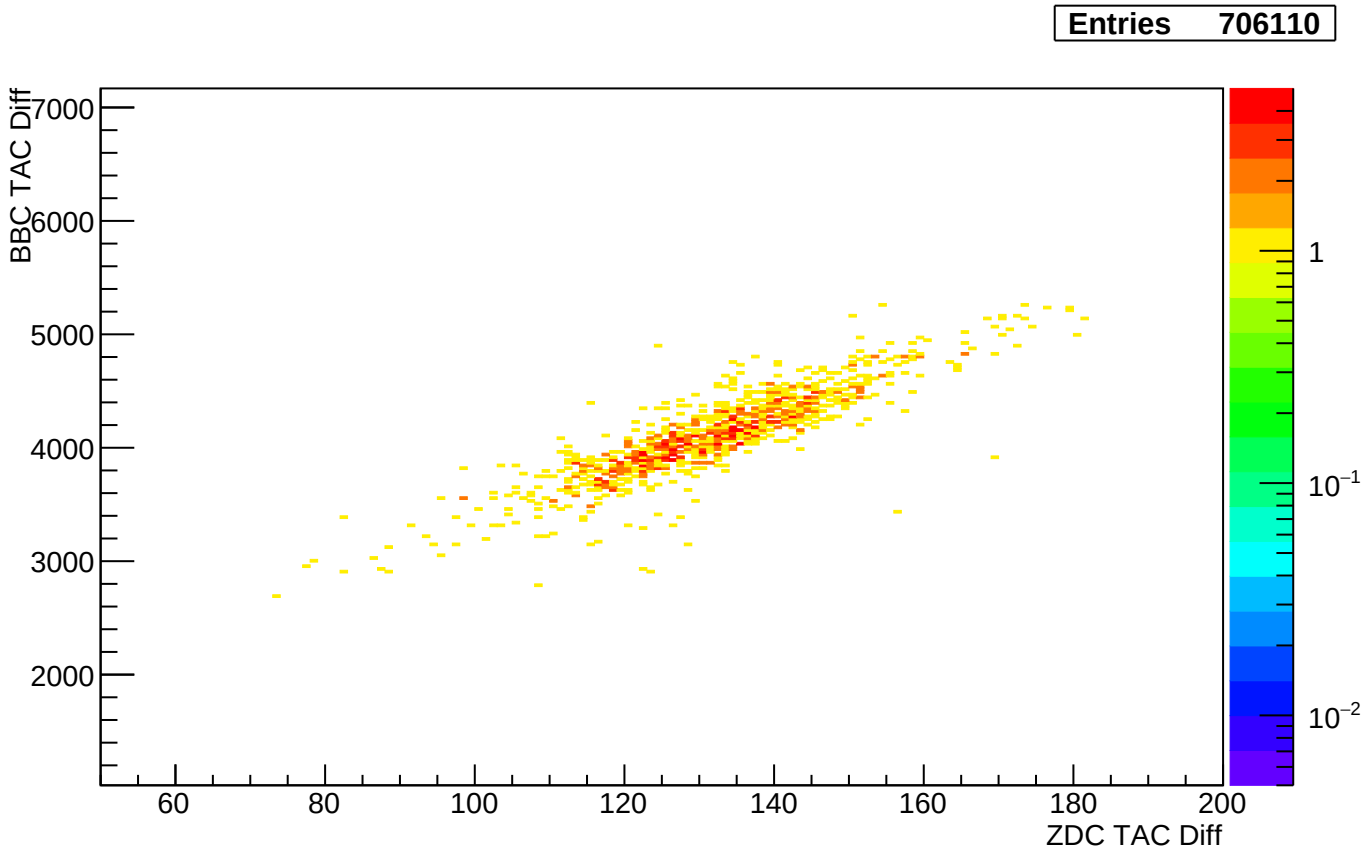

Entries 706110
TOF_Mult
EPD-West Hit Cnt

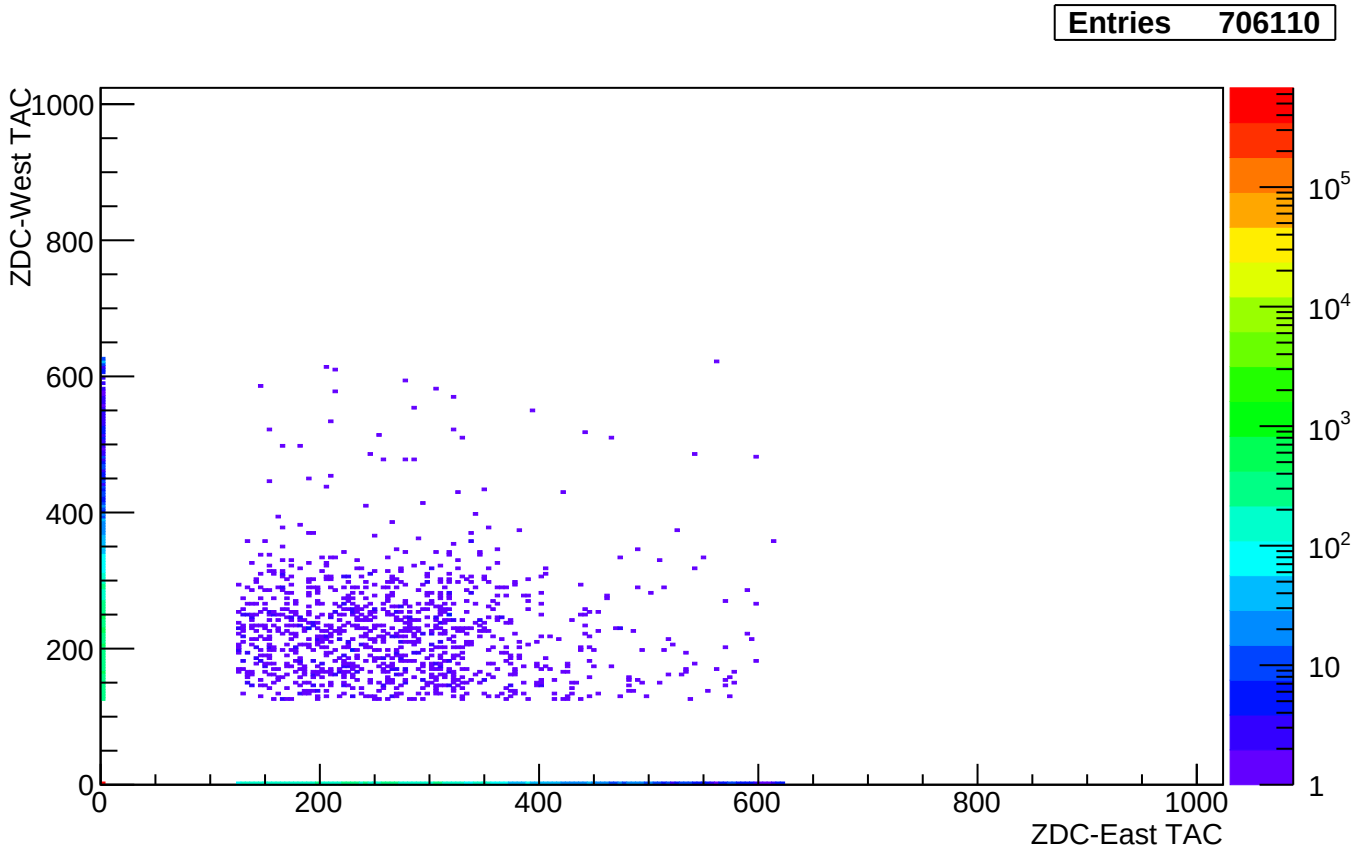

Entries 706110
TOF_Mult
VPD-East ADC Sum

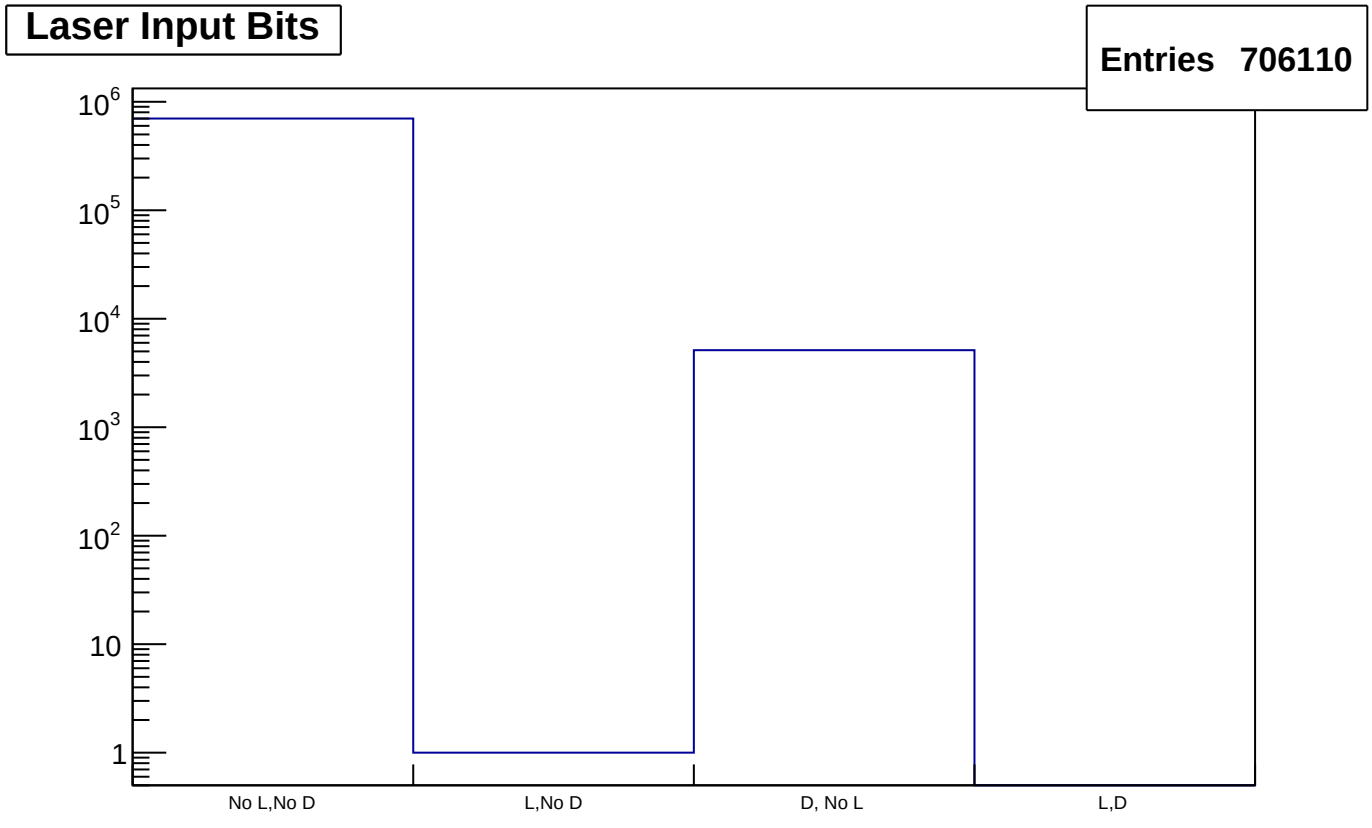

Entries 706110
TOF_Mult
VPD-West ADC Sum

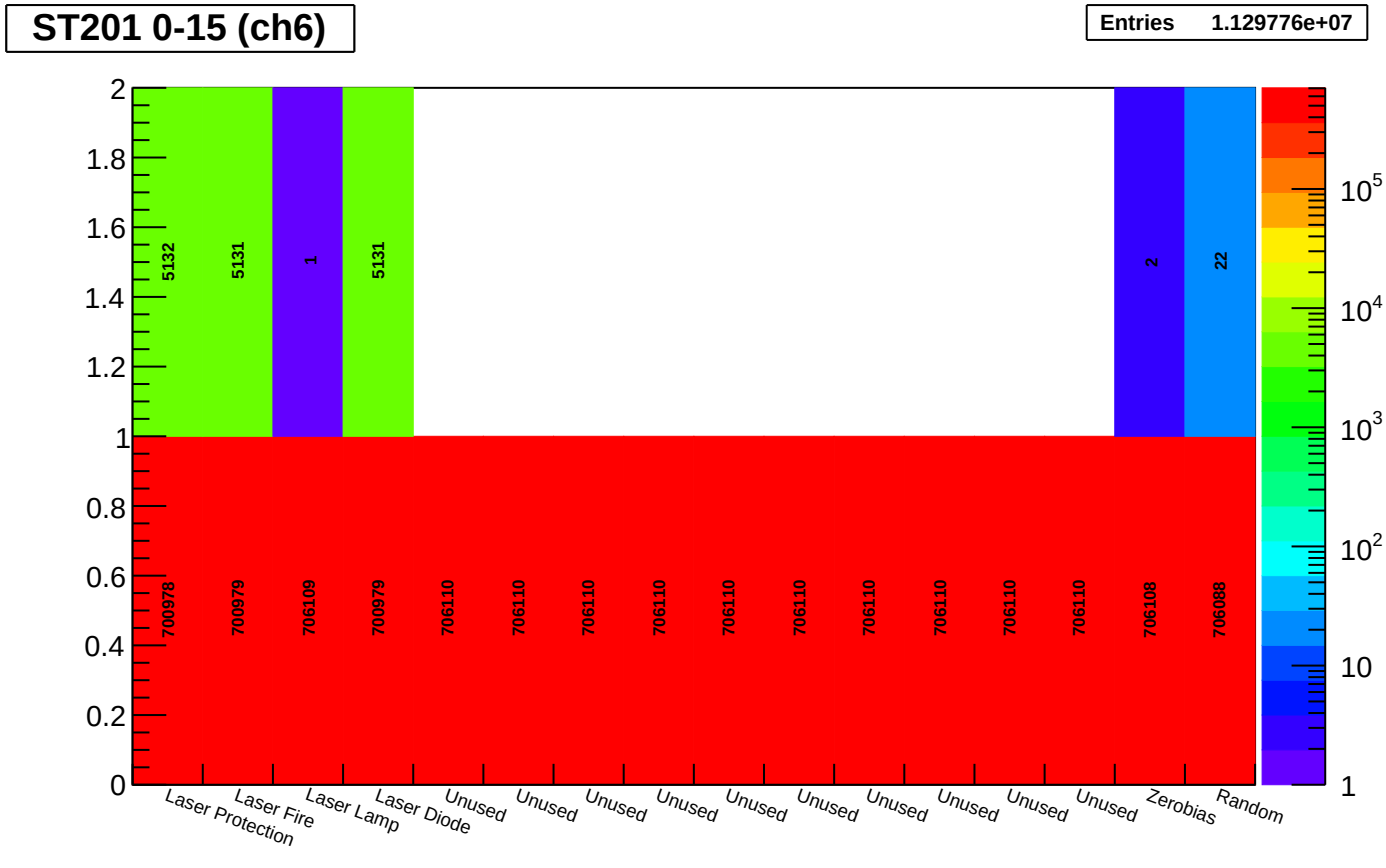

Entries 706110
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

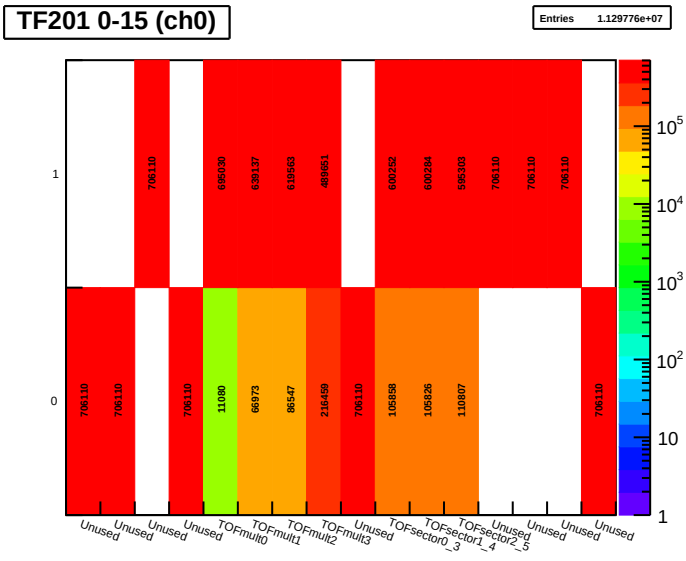

Entries 706110
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

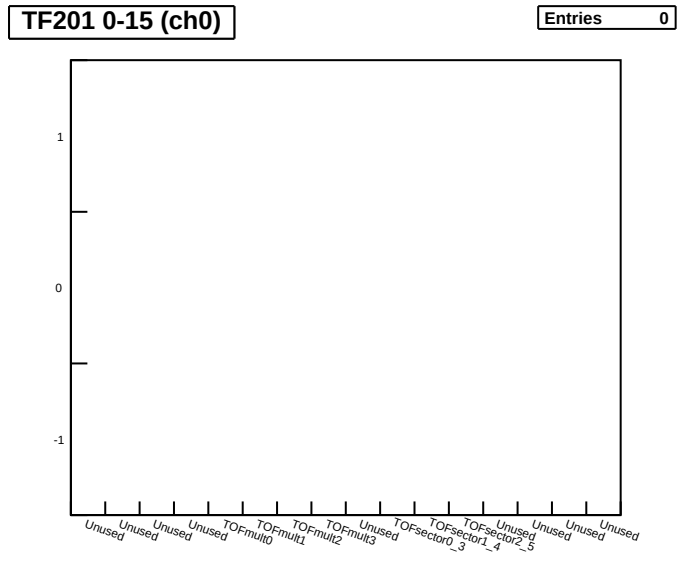

Entries 706110
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

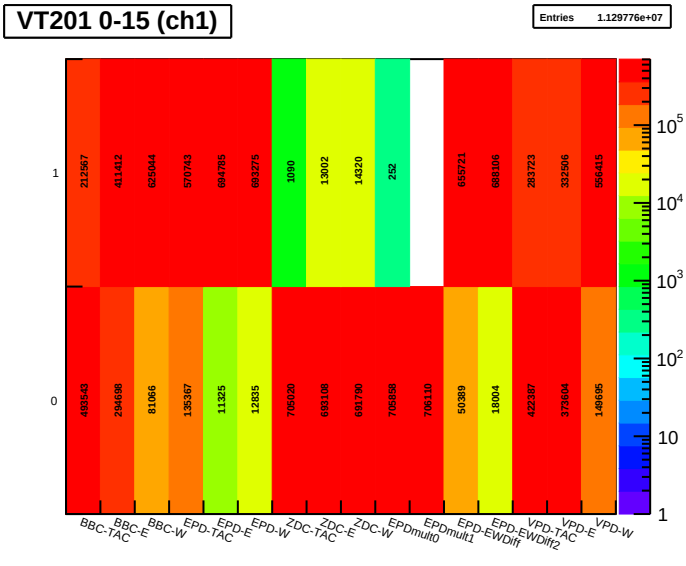

Entries 706110
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

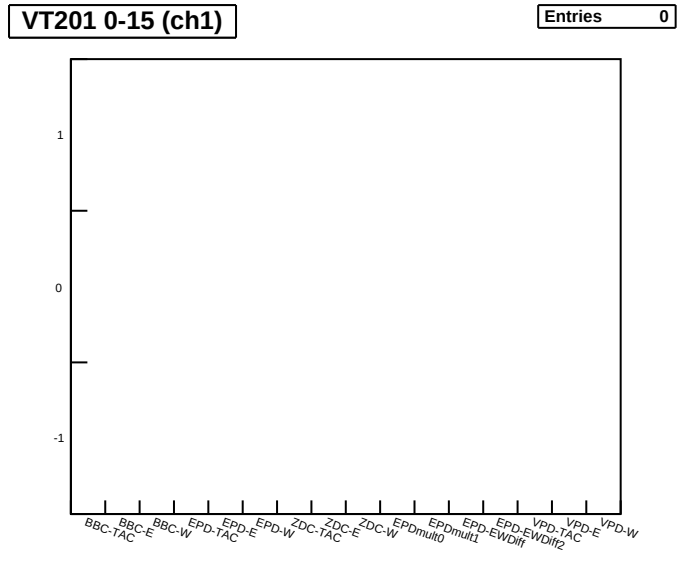

Laser Input Bits
Entries 706110
10^6
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

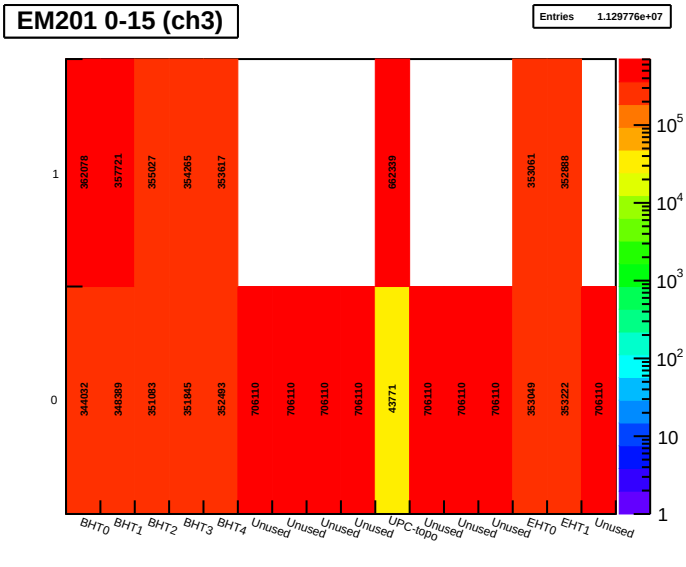

ST201 0-15 (ch6)
Entries 1.129776e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
5132
5131
1
5131
2
22
700978
700979
706109
700979
706110
706110
706110
706110
706110
706110
706110
706110
706110
706110
706108
706088
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

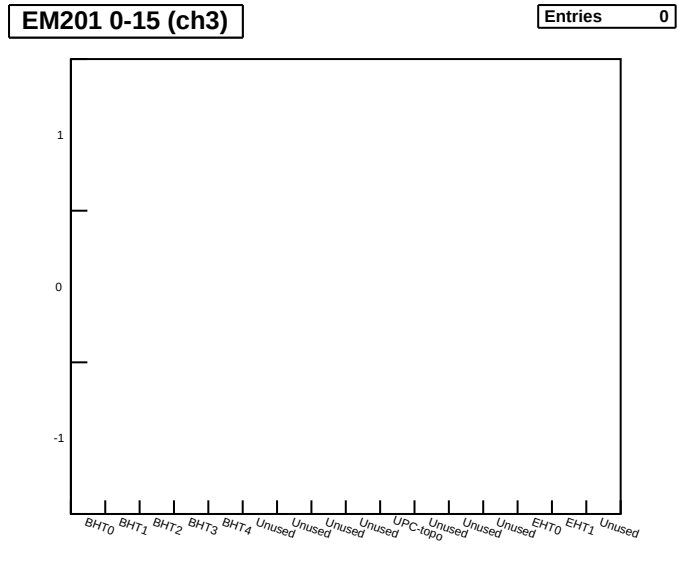

TF201 0-15 (ch0)
Entries 1.129776e+07
1
0
706110 635030 639137 619563 489651 600252 600284 595303 706110 706110 706110
706110 706110 706110 11080 66973 86547 216459 706110 105858 105826 110807 706110
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 1.129776e+07
1
0
212567 411412 625044 570743 694785 693275 1090 13002 14320 252 635721 688106 283723 332506 556415
493543 294698 81066 135367 11325 12835 705020 693108 691790 706858 706110 50389 18004 422387 373604 149695
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
1 10 10^2 10^3 10^4 10^5


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 1.129776e+07
1
0
362078 357721 355027 354265 353617 662339 353061 352888
344032 348389 351083 351845 352493 706110 706110 706110 706110 43771 706110 706110 706110 353049 353222 706110
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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