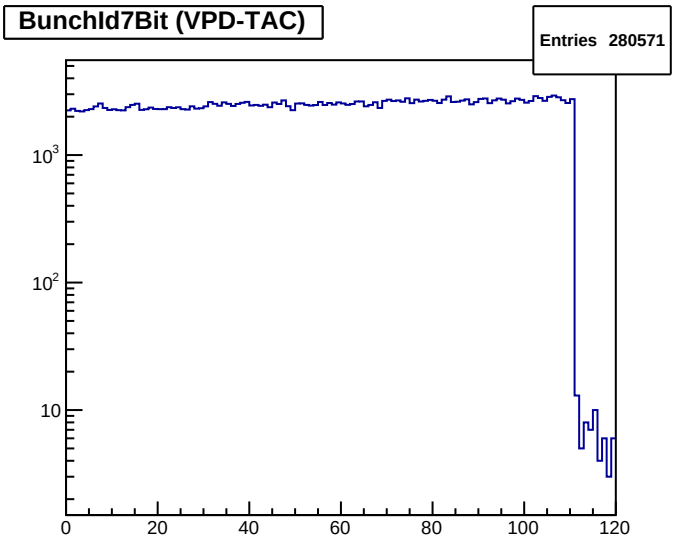
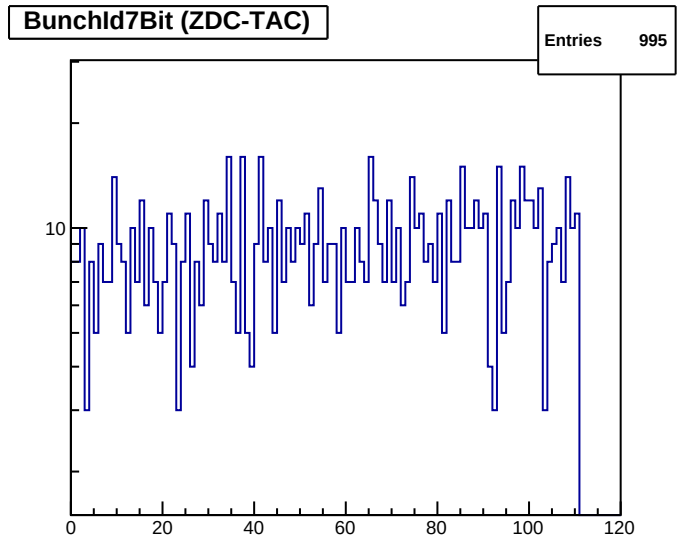
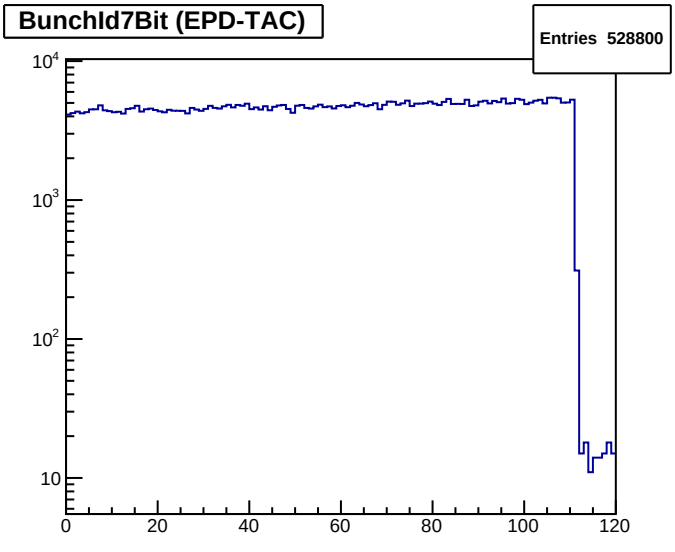
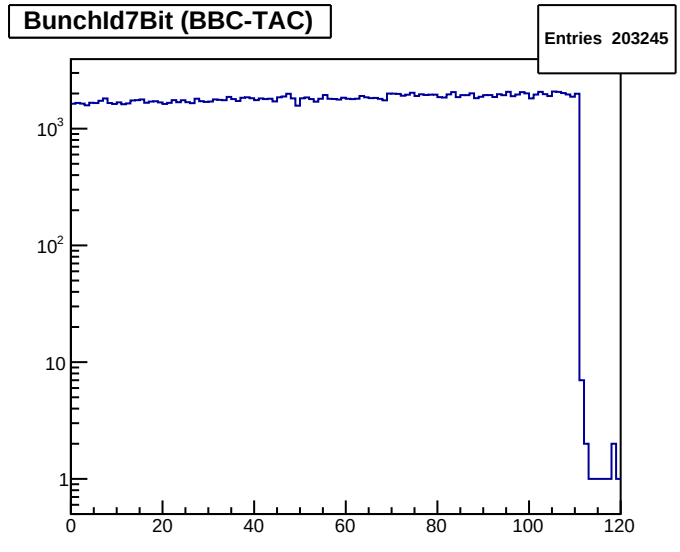
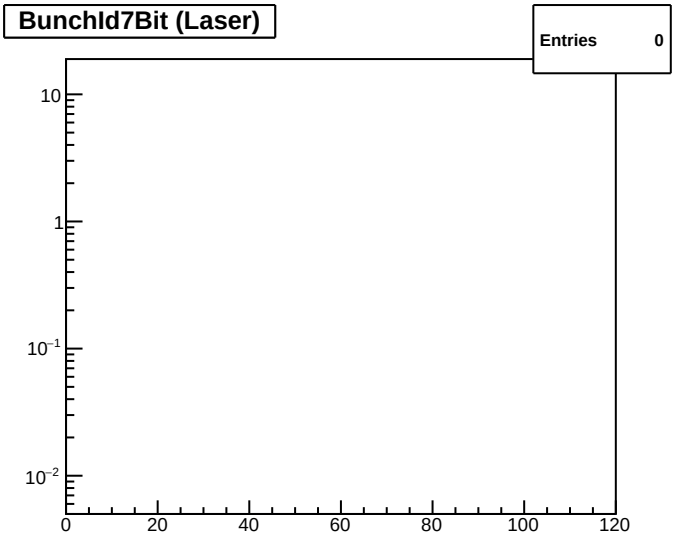
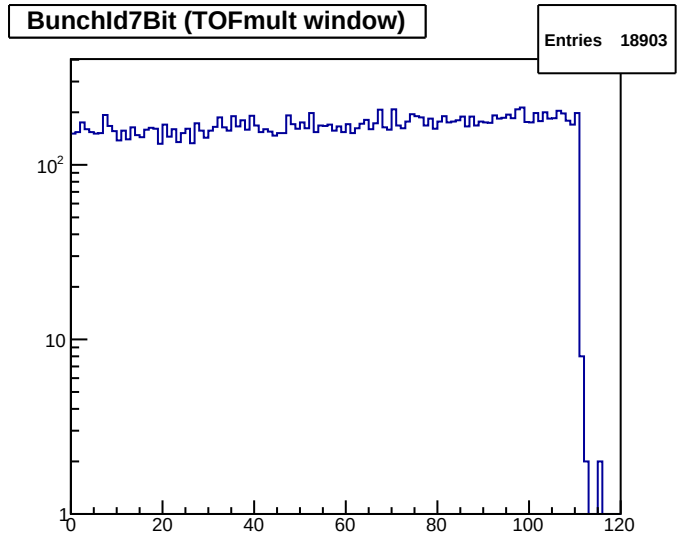

BunchId7Bit (VPD-TAC)
Entries 280571
10^3
10^2
10
0 20 40 60 80 100 120

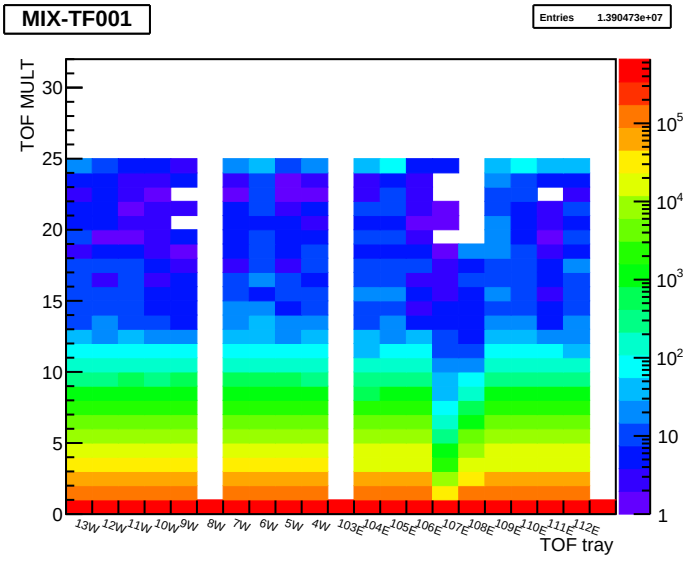

BunchId7Bit (ZDC-TAC)
Entries 995
10
0 20 40 60 80 100 120

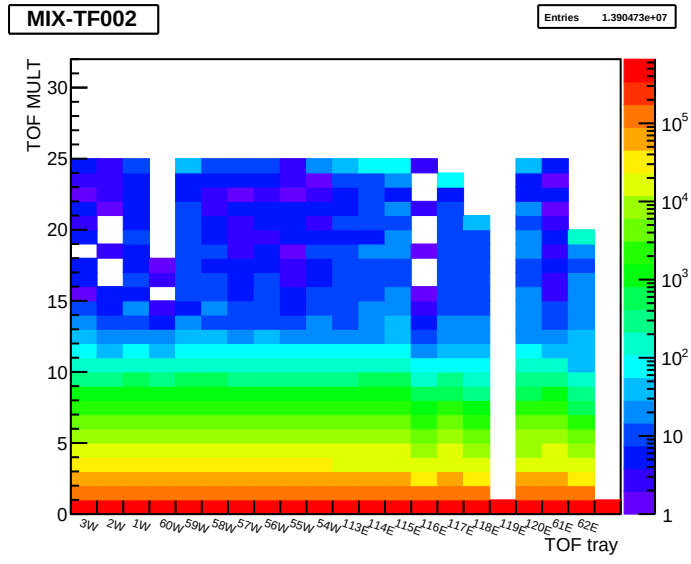

BunchId7Bit (EPD-TAC)
Entries 528800
10^4
10^3
10^2
10
0 20 40 60 80 100 120

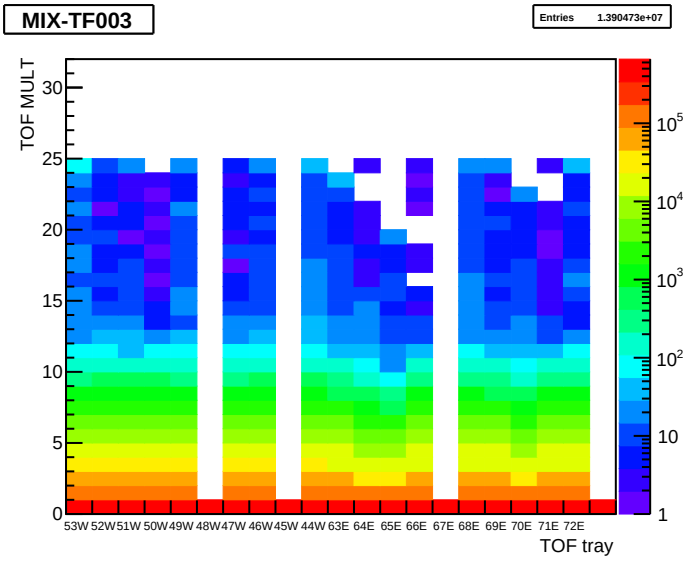

BunchId7Bit (BBC-TAC)
Entries 203245
10^3
10^2
10
1
0 20 40 60 80 100 120

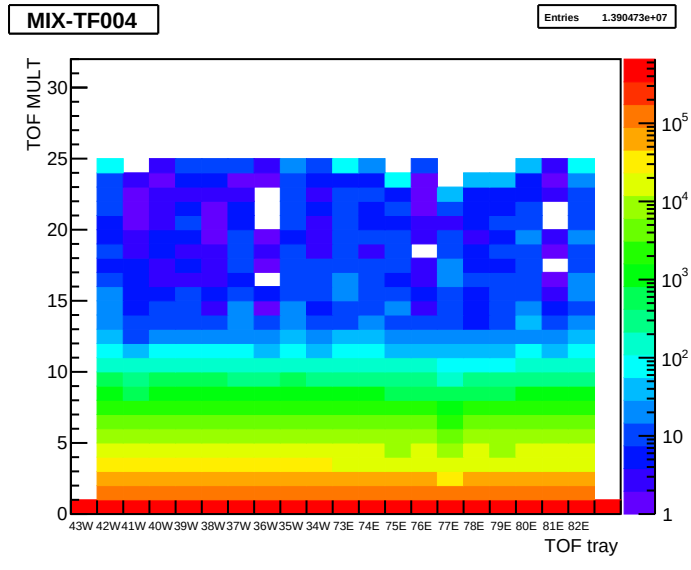

BunchId7Bit (Laser)
Entries 0
10
1
10^{-1}
10^{-2}
0 20 40 60 80 100 120

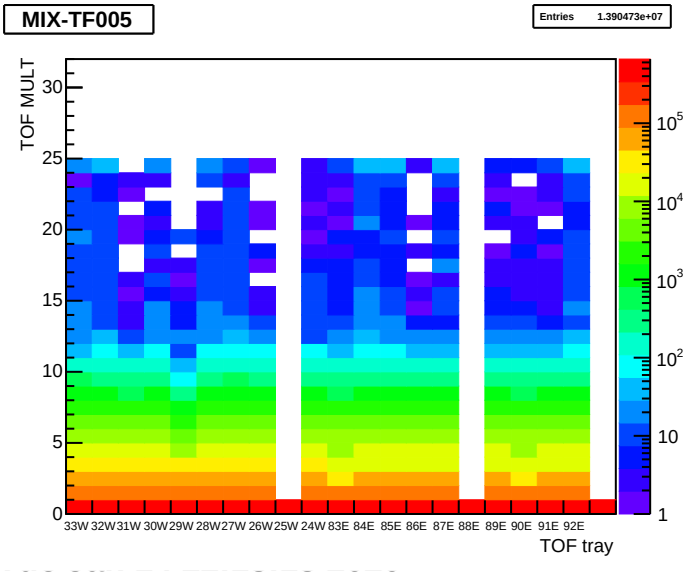

BunchId7Bit (TOFmult window)
Entries 18903
10^2
10
1
0 20 40 60 80 100 120

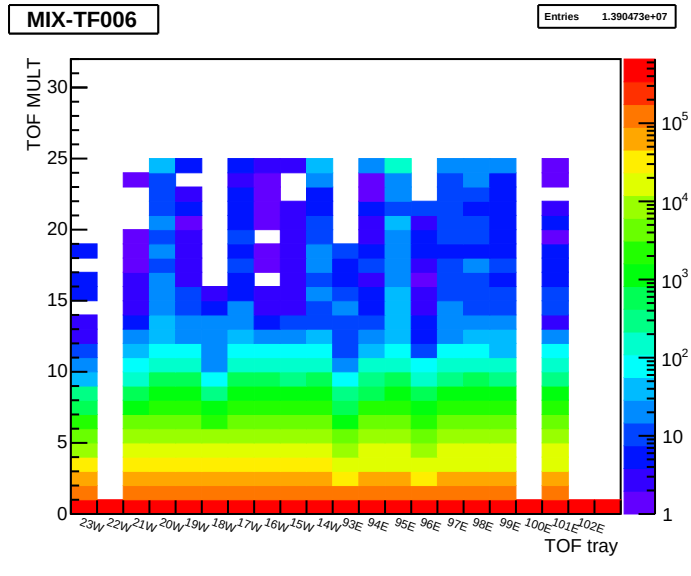

MIX-TF001
Entries 1.390473e+07
TOF MULT
TOF tray

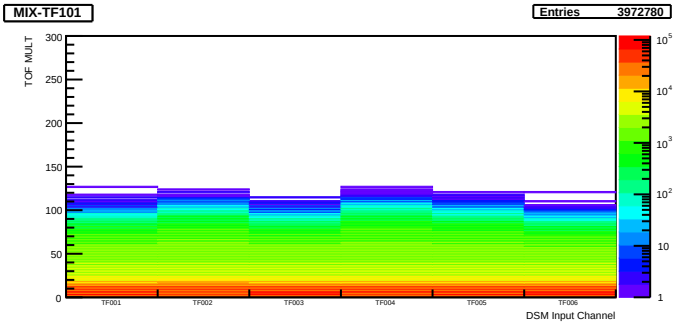

MIX-TF002
Entries 1.390473e+07
TOF MULT
TOF tray

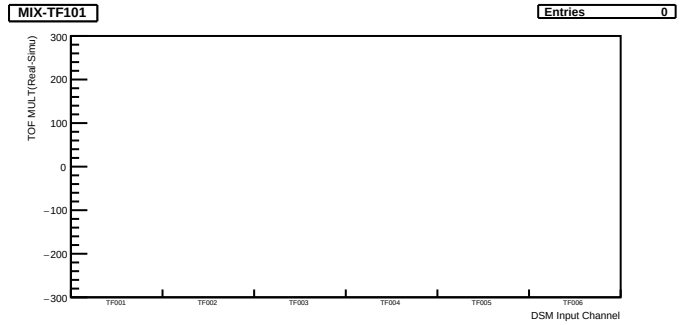

MIX-TF003
Entries 1.390473e+07
TOF MULT
TOF tray

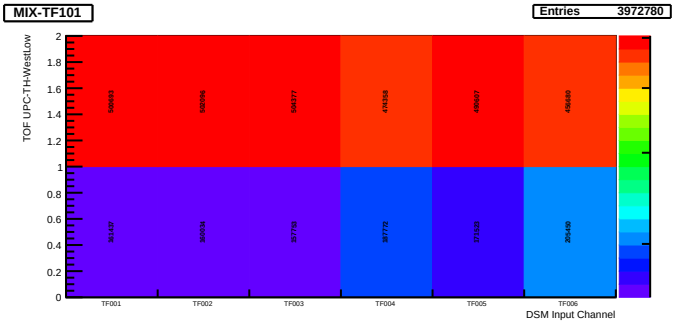

MIX-TF004
Entries 1.390473e+07
TOF MULT
TOF tray

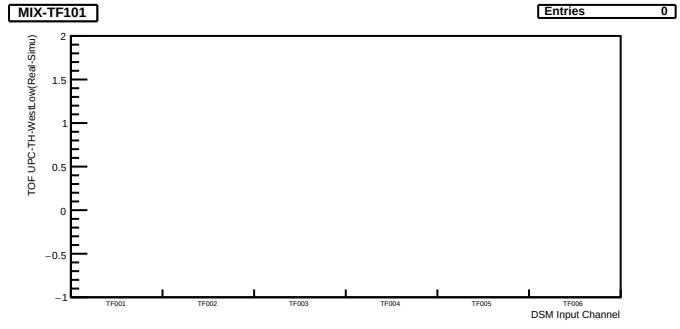

MIX-TF005
Entries 1.390473e+07
TOF MULT
TOF tray

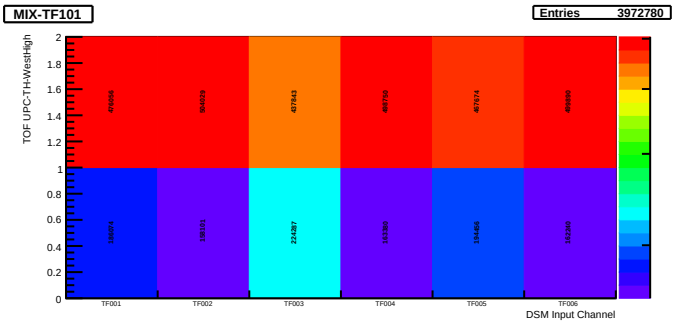

MIX-TF006
Entries 1.390473e+07
TOF MULT
TOF tray

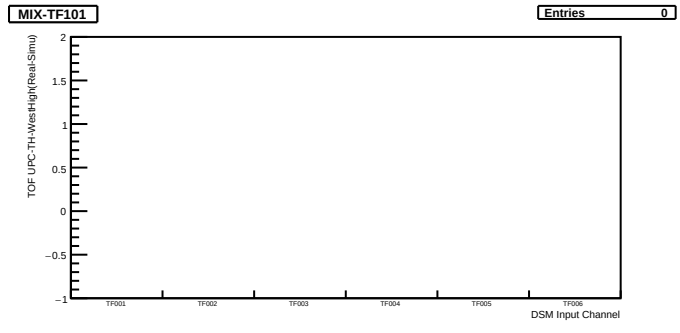

MIX-TF101
Entries 3972780
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

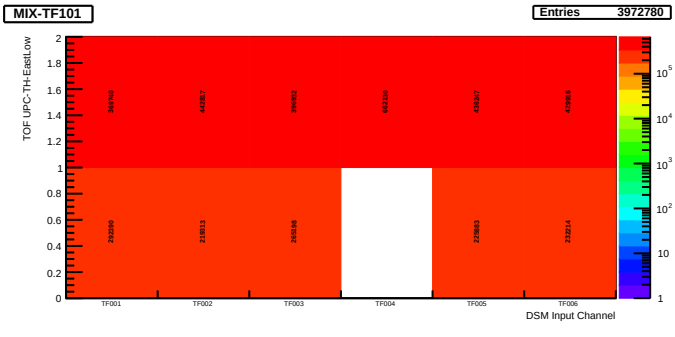

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

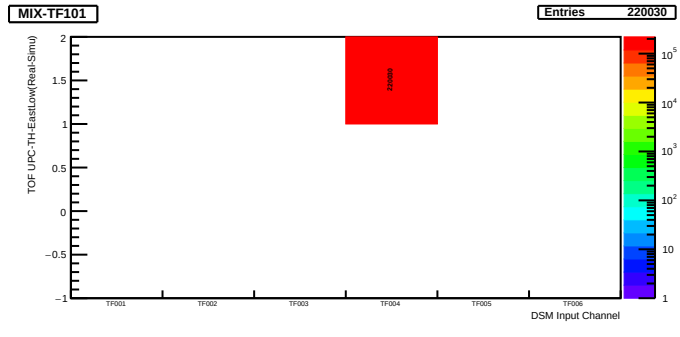

MIX-TF101
Entries 3972780
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

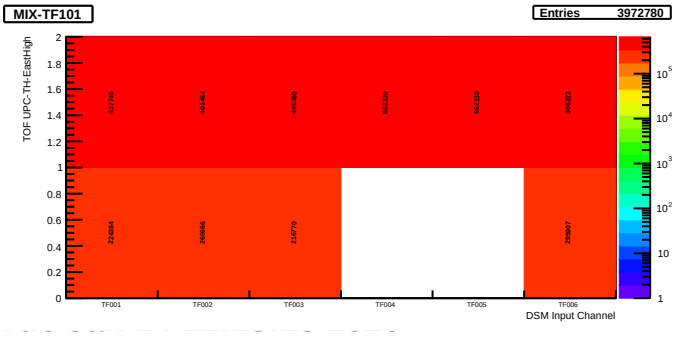

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

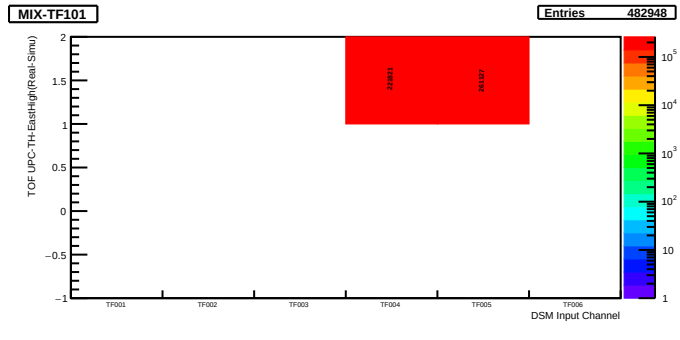

MIX-TF101
Entries 3972780
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

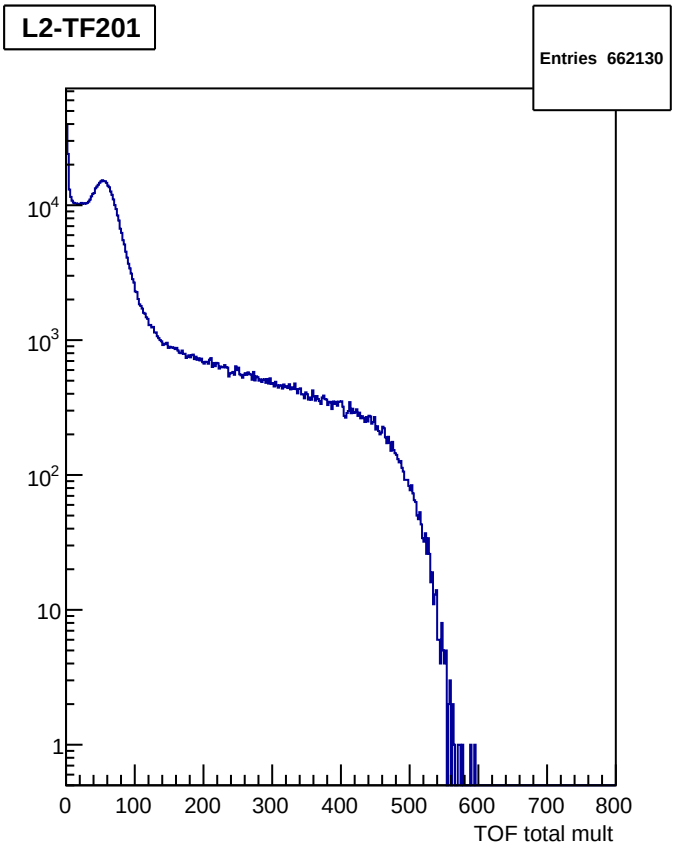

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

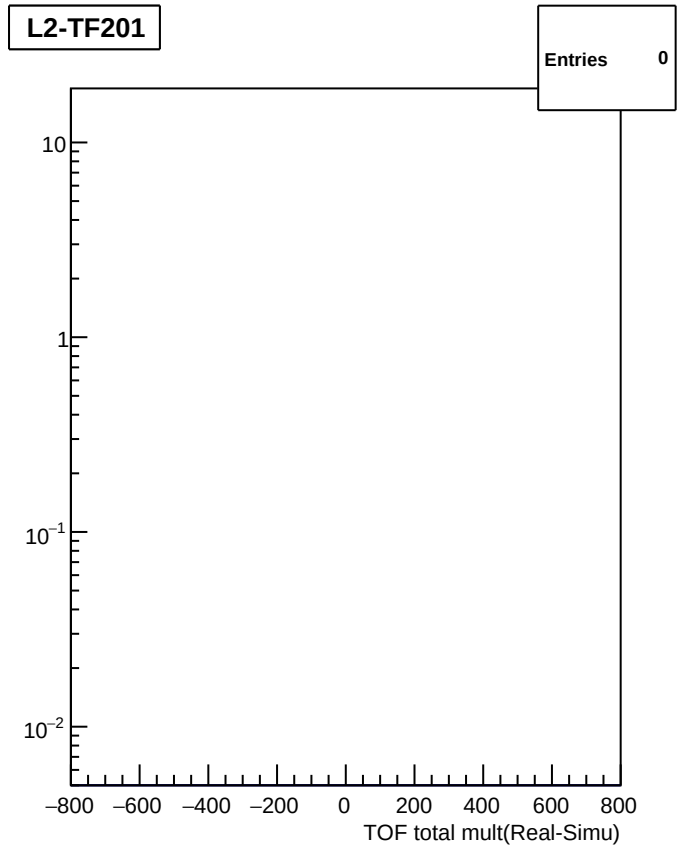

MIX-TF101
Entries 3972780
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

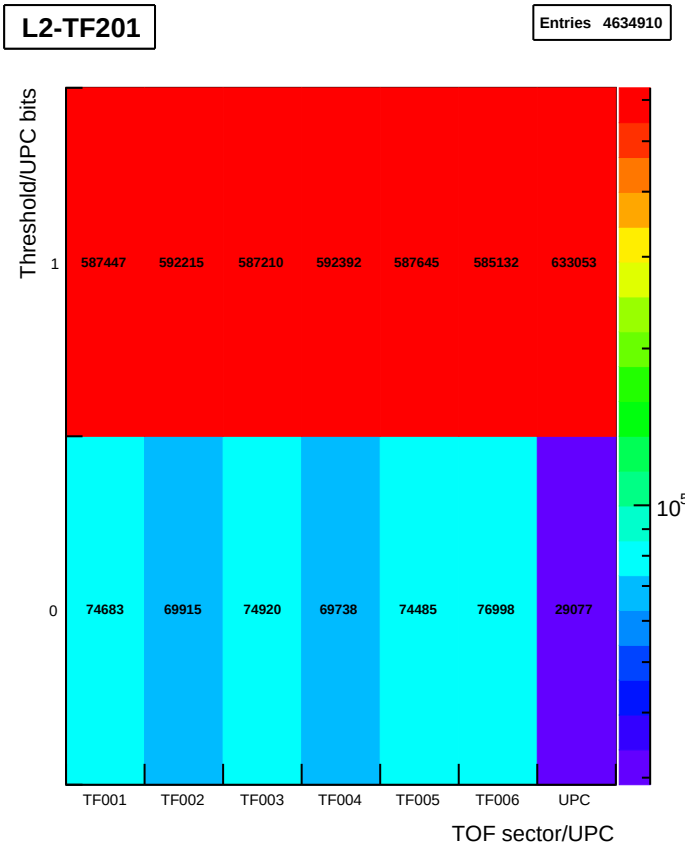

MIX-TF101
Entries 220030
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

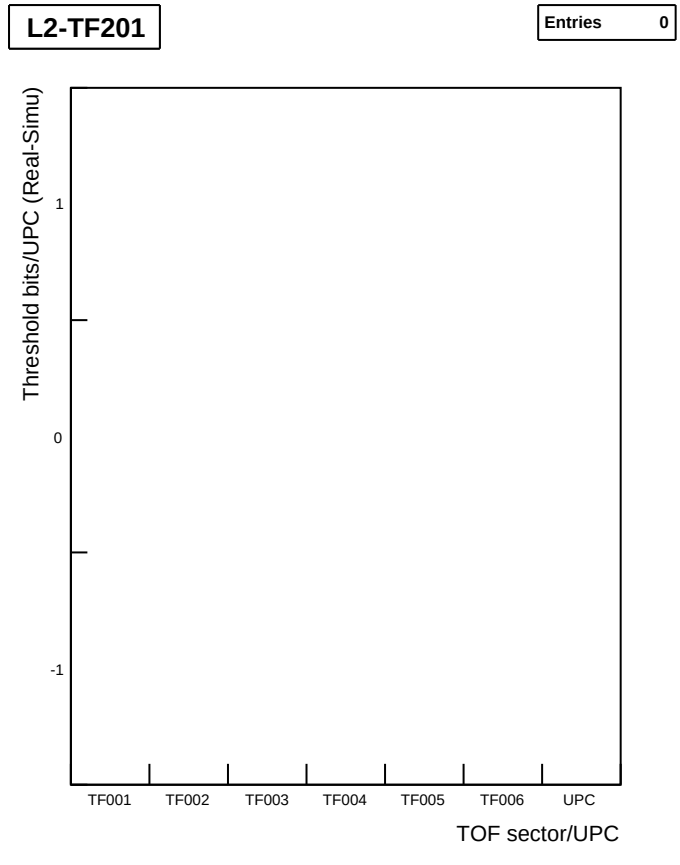

MIX-TF101
Entries 3972780
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

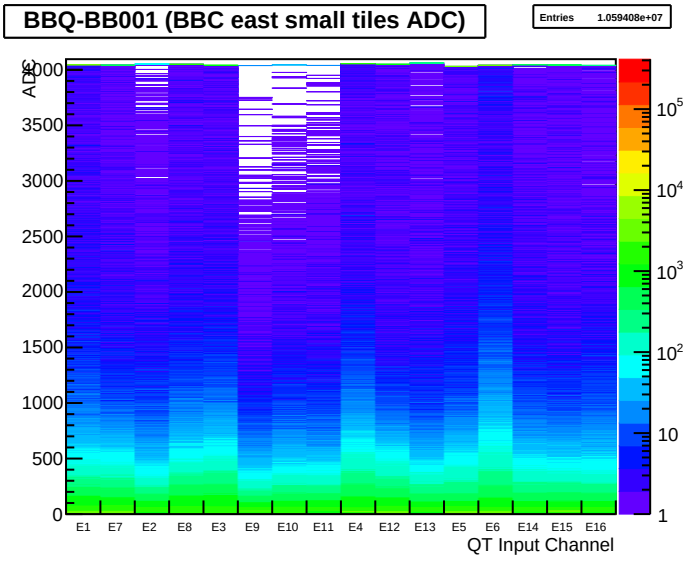

MIX-TF101
Entries 482948
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

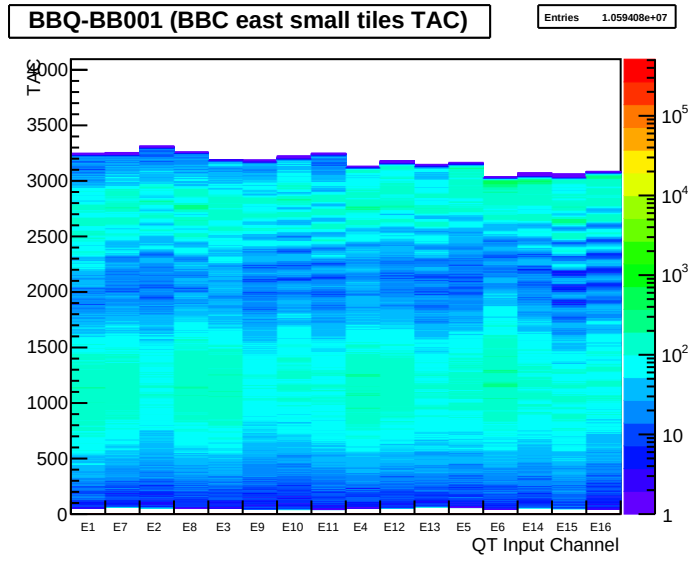

L2-TF201
Entries 662130
TOF total mult

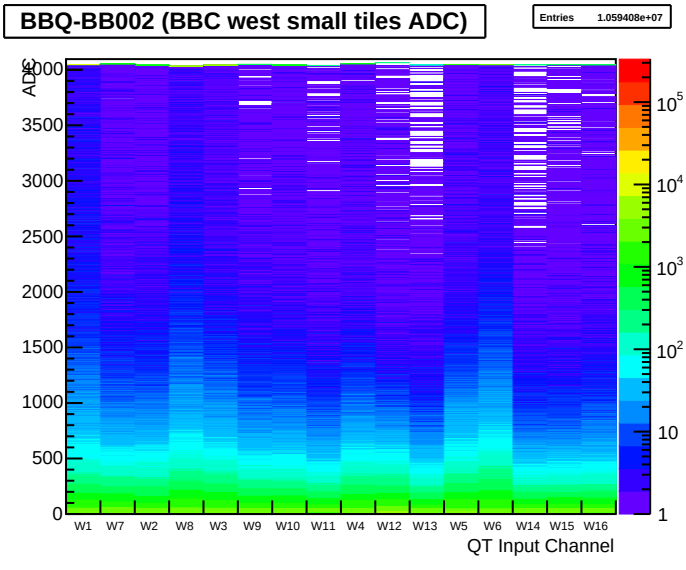

L2-TF201
Entries 0
TOF total mult(Real-Simu)

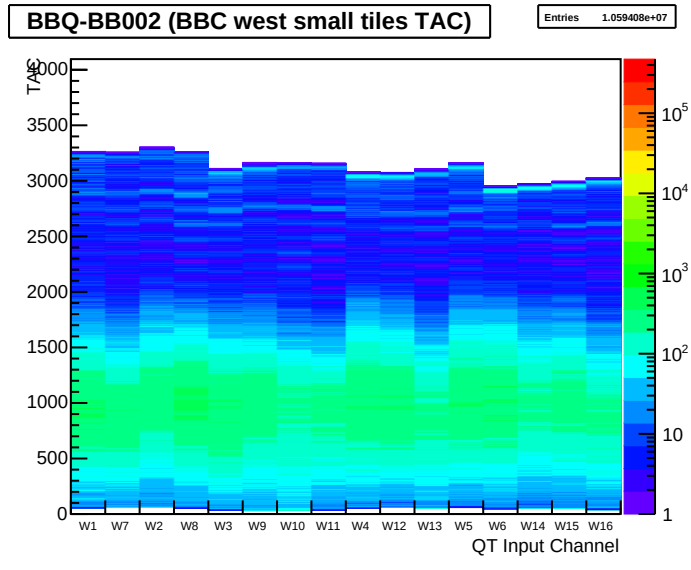

L2-TF201
Entries 4634910
Threshold/UPC bits
587447 592215 587210 592392 587645 585132 633053
74683 69915 74920 69738 74485 76998 29077
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

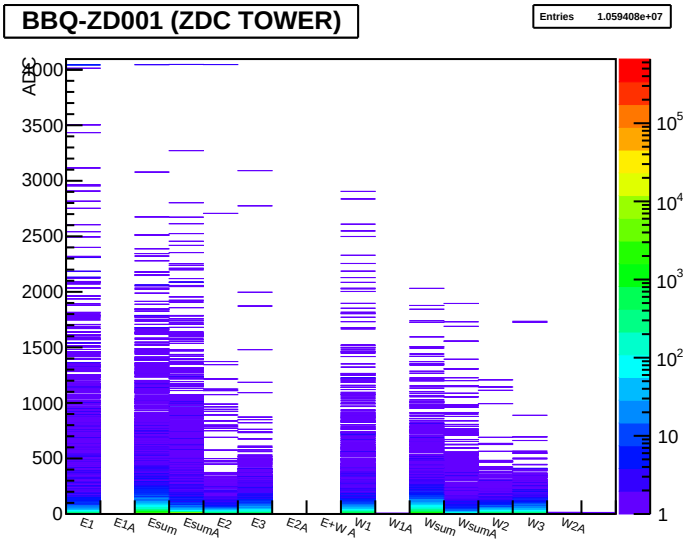

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

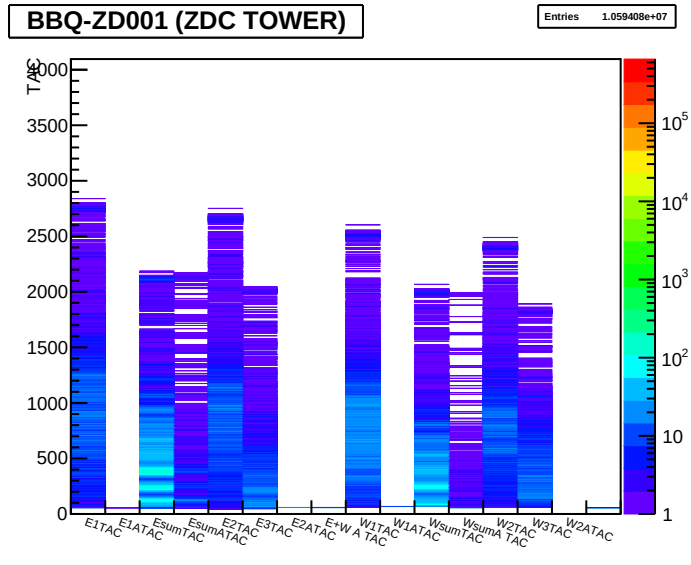

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.059408e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

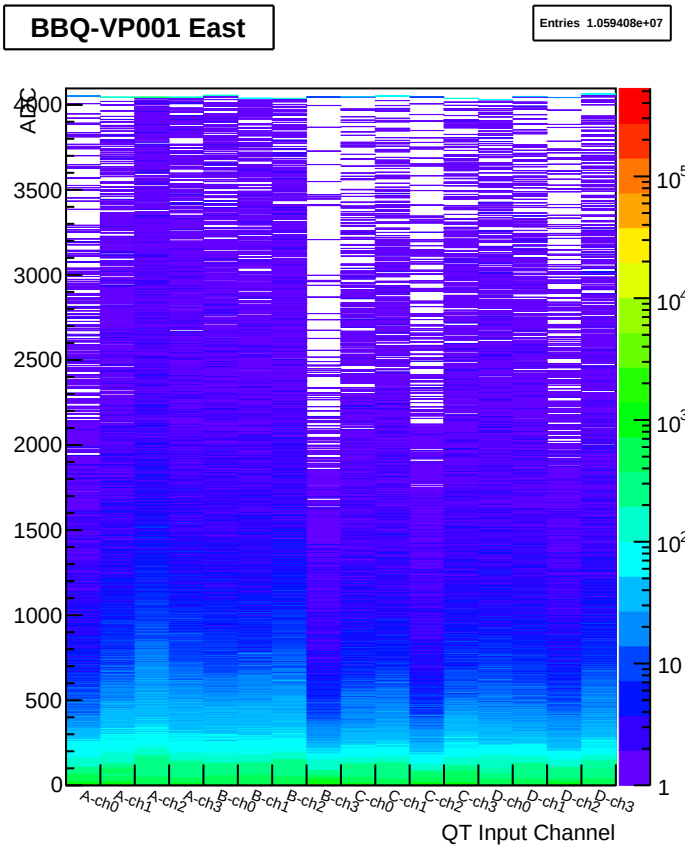

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.059408e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

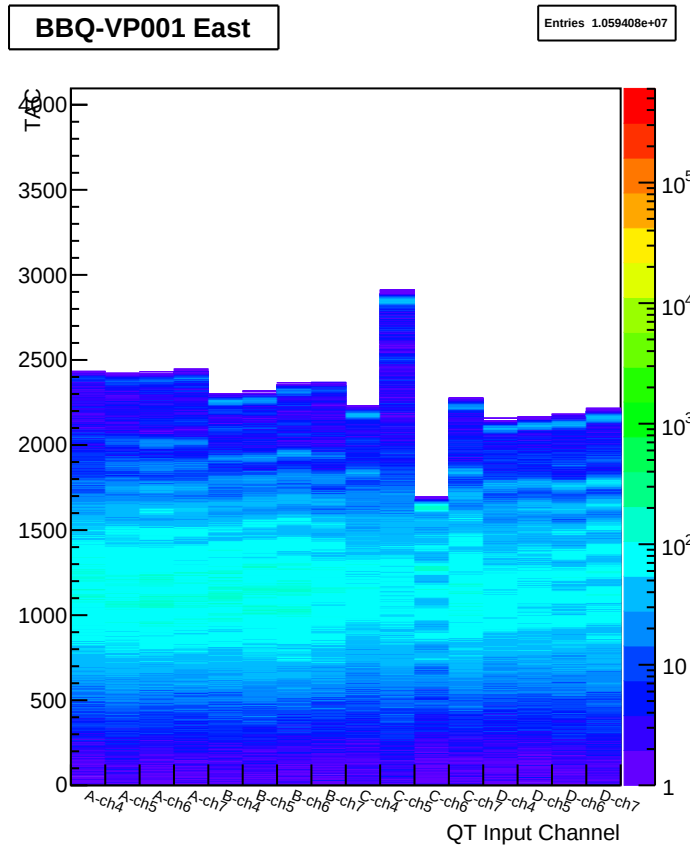

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.059408e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

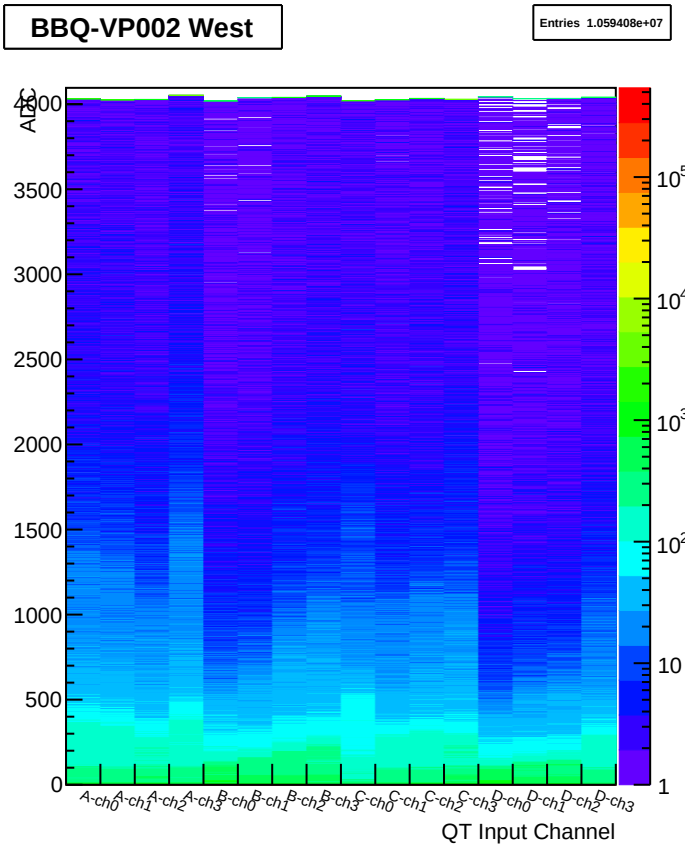

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.059408e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

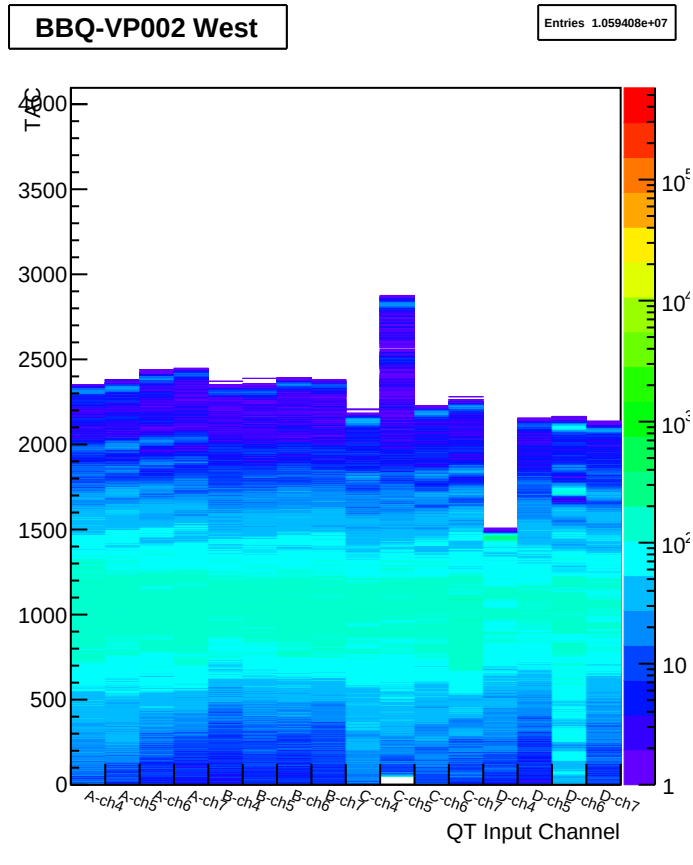

BBQ-ZD001 (ZDC TOWER)
Entries 1.059408e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

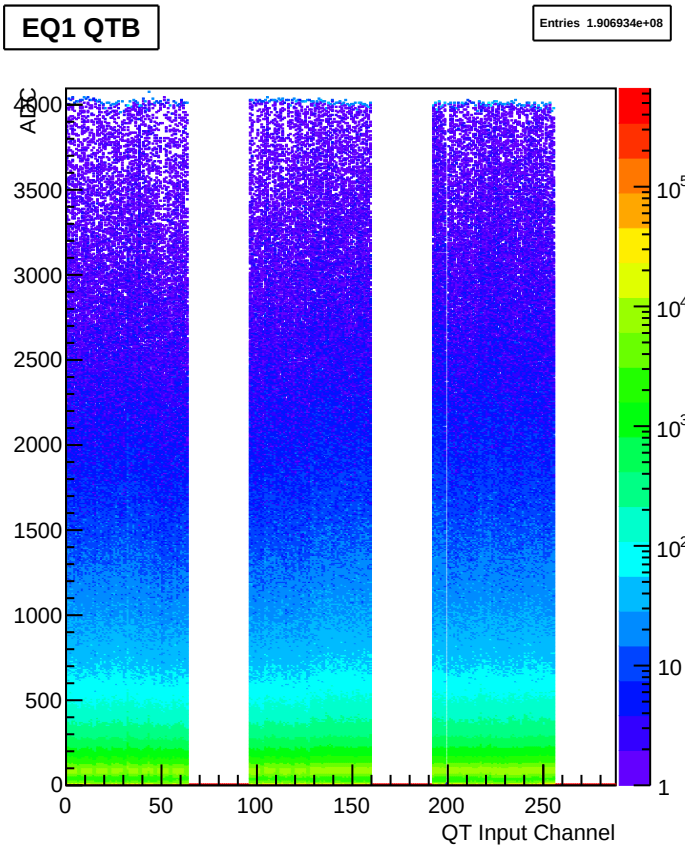

BBQ-ZD001 (ZDC TOWER)
Entries 1.059408e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

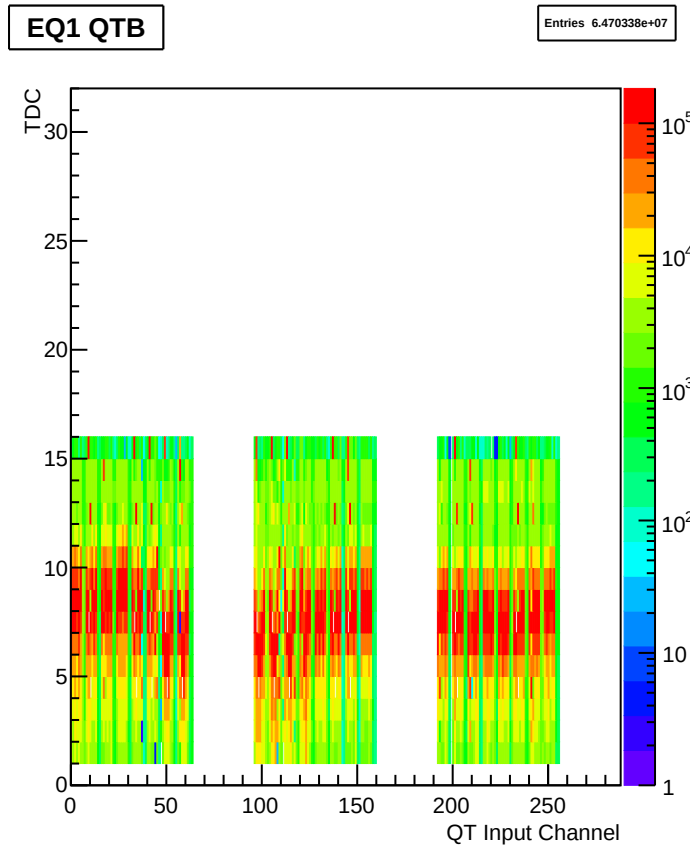

BBQ-VP001 East
Entries 1.059408e+07
ADC
QT Input Channel

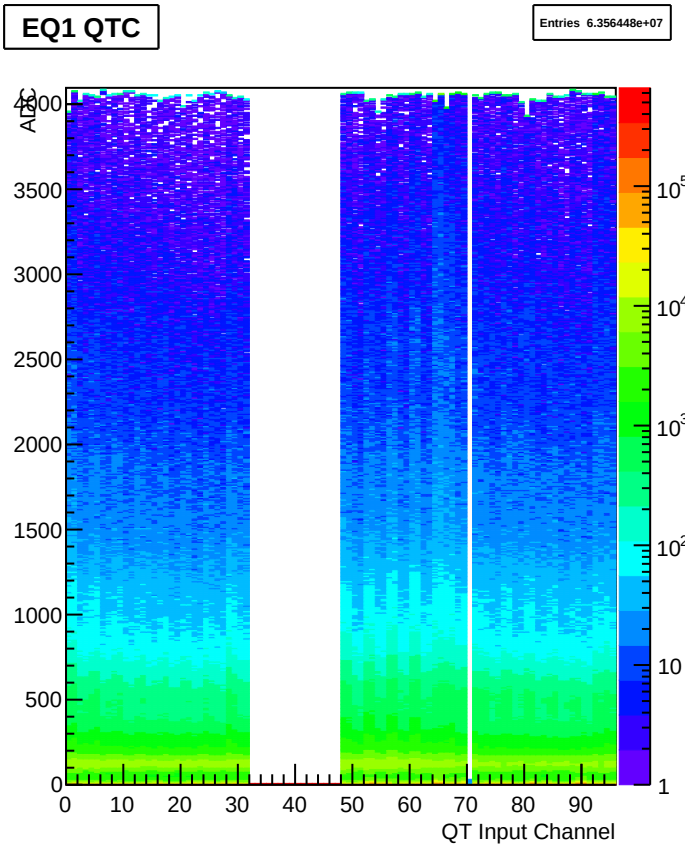

BBQ-VP001 East
Entries 1.059408e+07
TADC
QT Input Channel

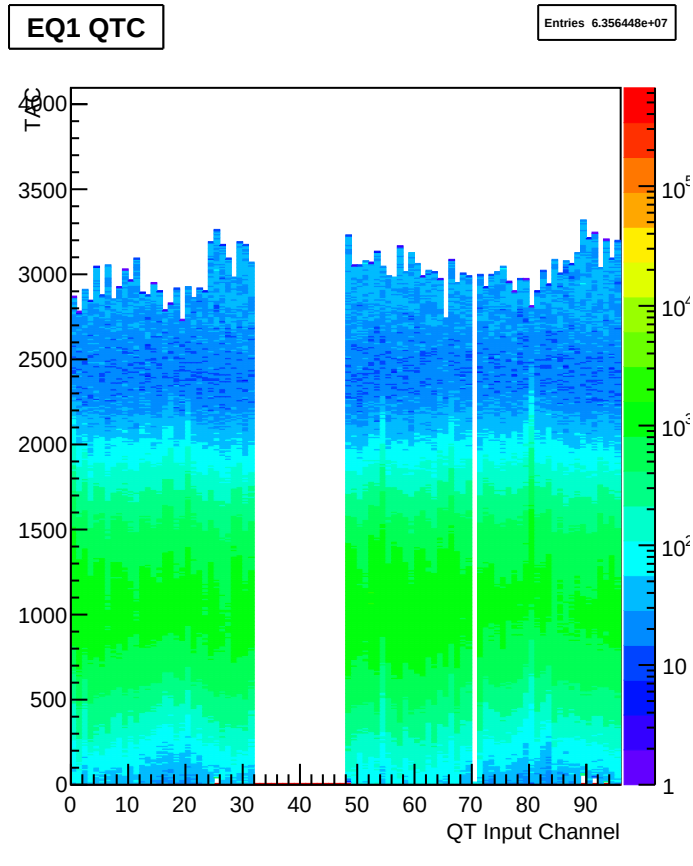

BBQ-VP002 West
Entries 1.059408e+07
ADC
QT Input Channel

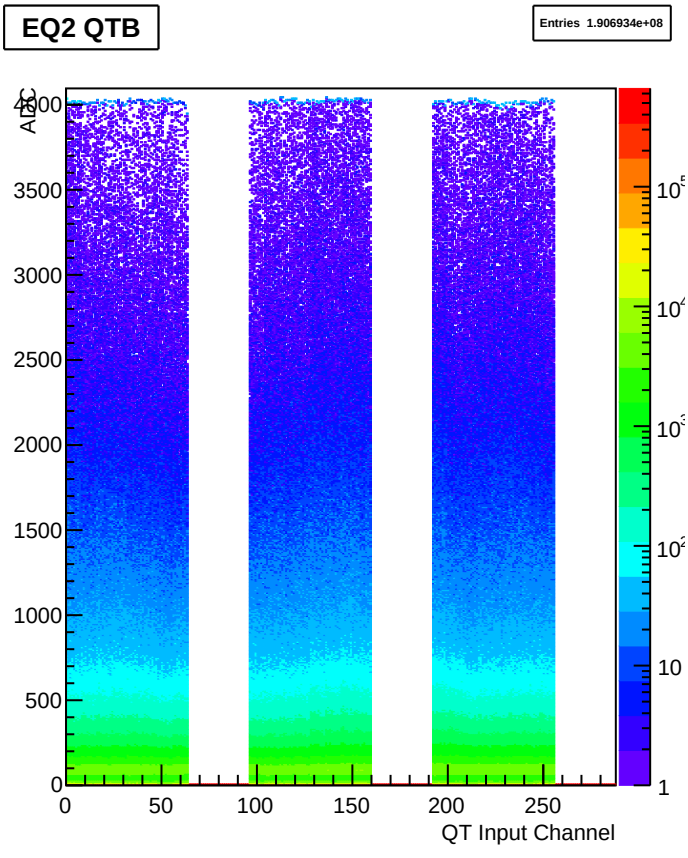

BBQ-VP002 West
Entries 1.059408e+07
TADC
QT Input Channel

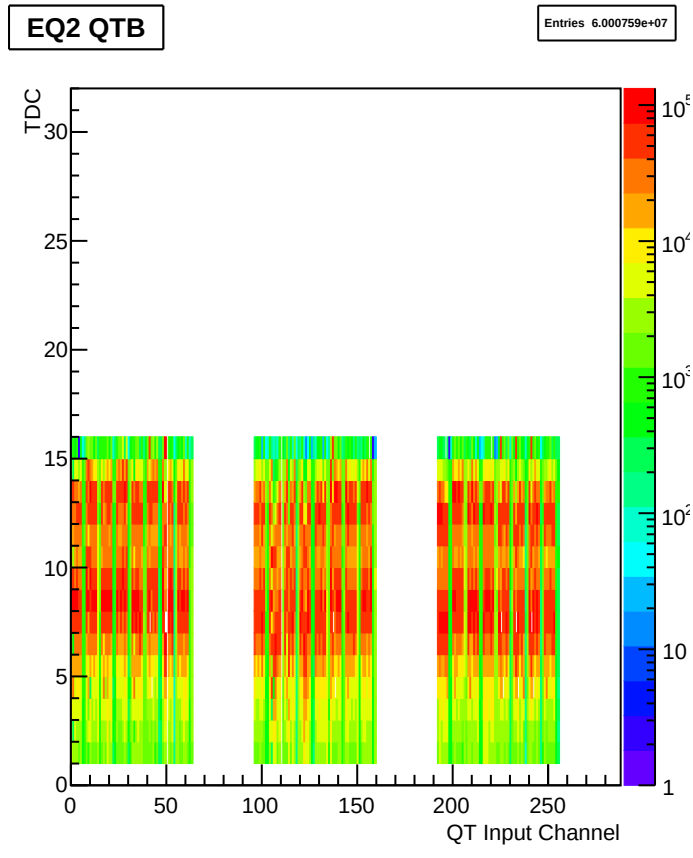

EQ1 QTB
Entries 1.906934e+08
ADC
QT Input Channel

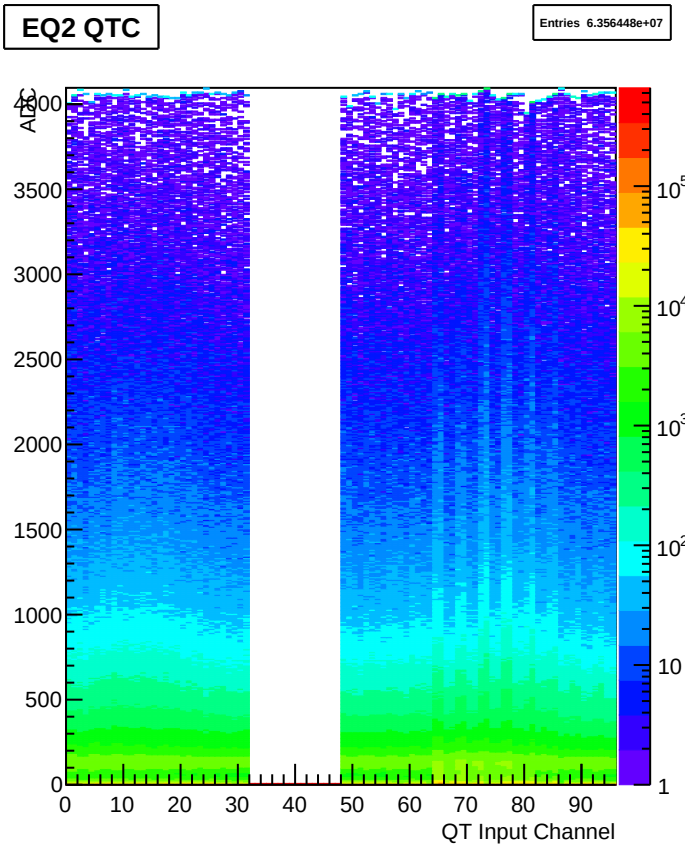

EQ1 QTB
Entries 6.470338e+07
TDC
QT Input Channel

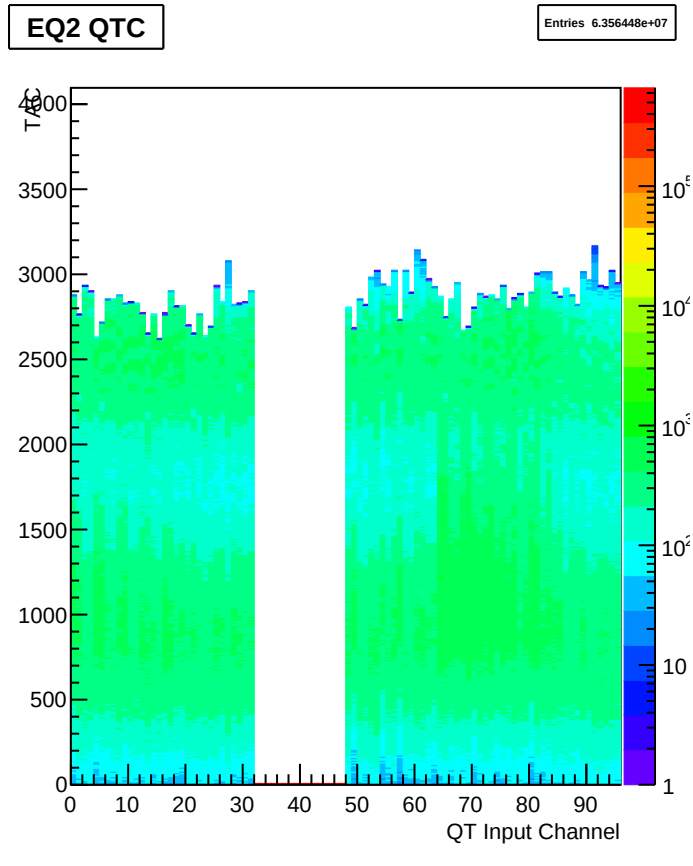

EQ1 QTC
Entries 6.356448e+07
ADC
QT Input Channel

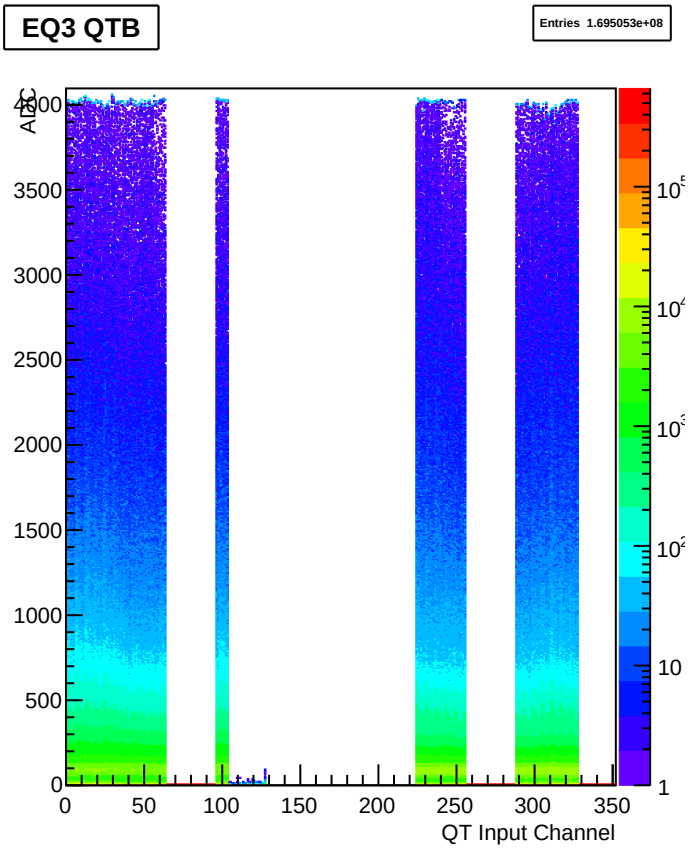

EQ1 QTC
Entries 6.356448e+07
TADC
QT Input Channel

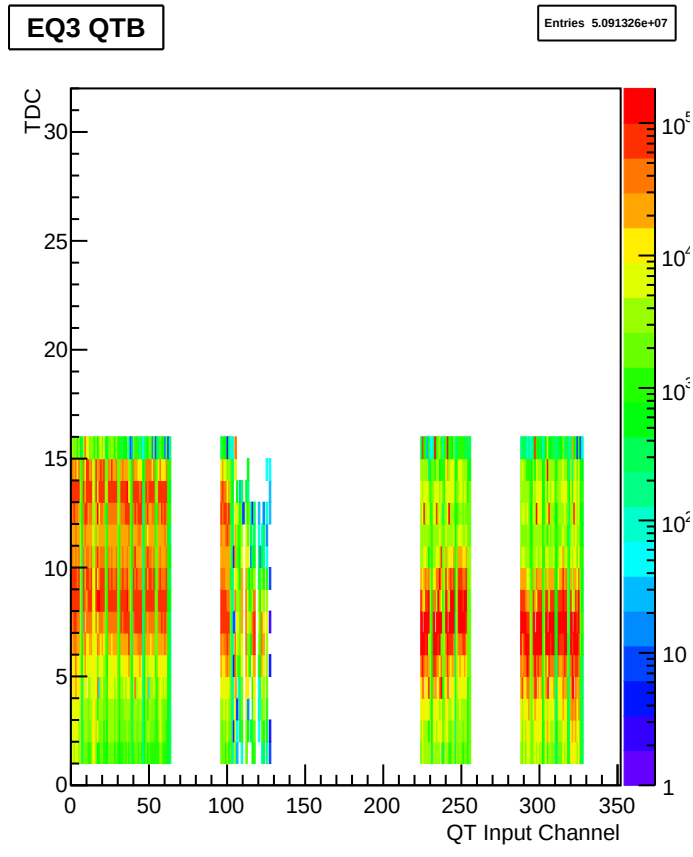

EQ2 QTB
Entries 1.906934e+08
ADC
QT Input Channel

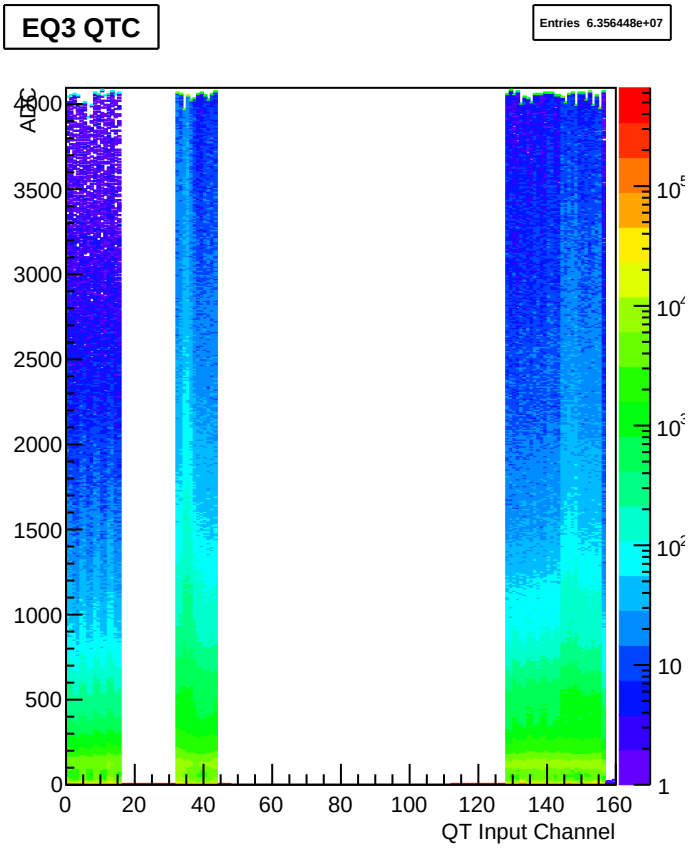

EQ2 QTB
Entries 6.000759e+07
TDC
QT Input Channel

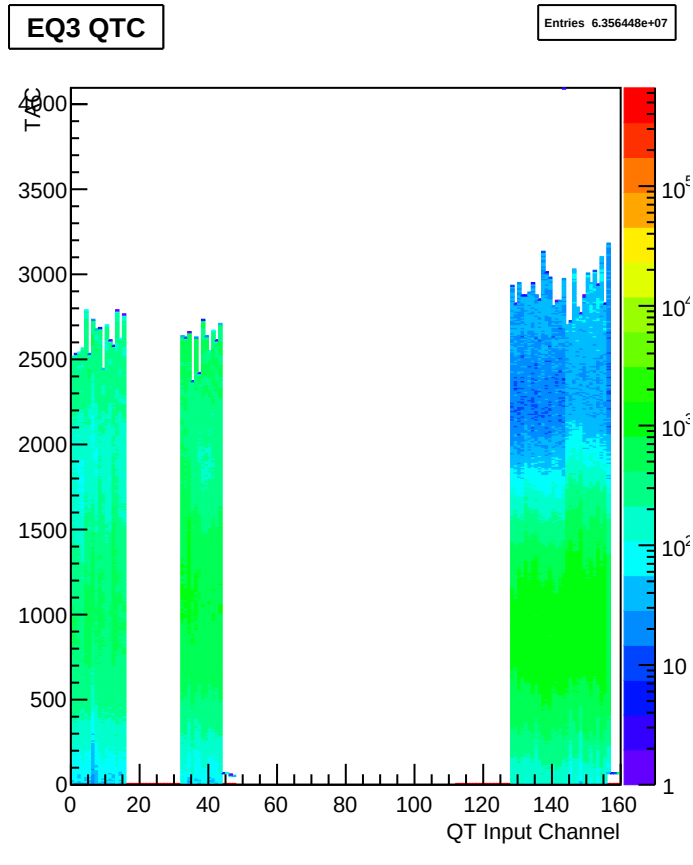

EQ2 QTC
Entries 6.356448e+07
ADC
QT Input Channel

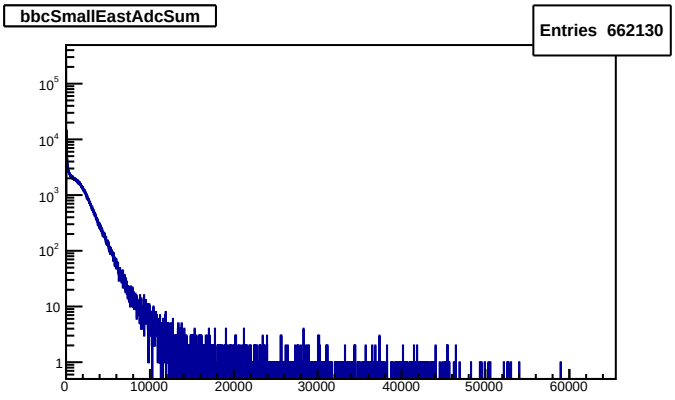

EQ2 QTC
Entries 6.356448e+07
TADC
QT Input Channel

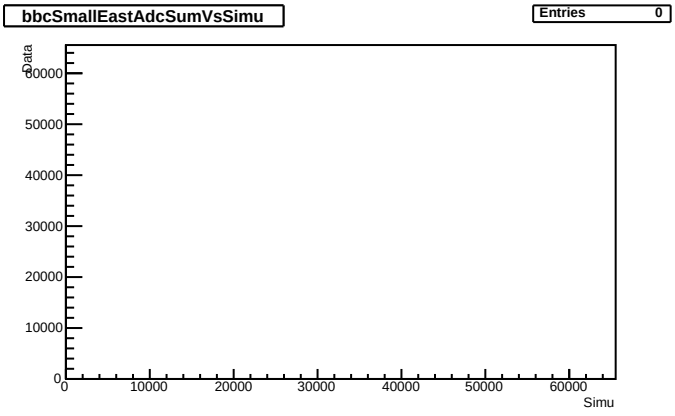

EQ3 QTB
Entries 1.695053e+08
ADC
QT Input Channel

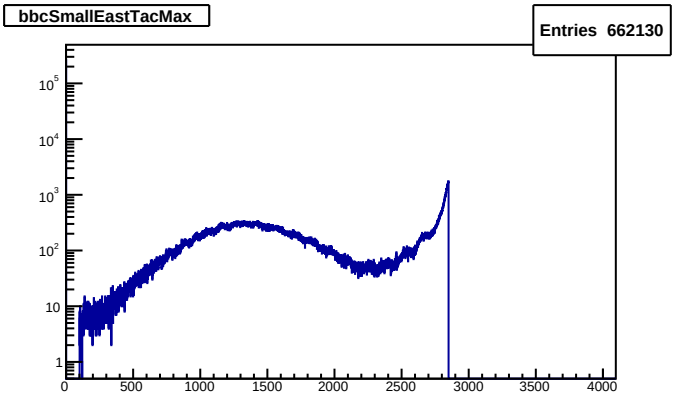

EQ3 QTB
Entries 5.091326e+07
TDC
QT Input Channel

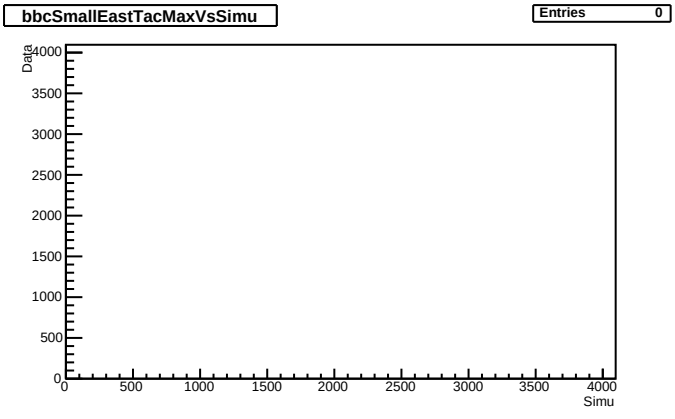

EQ3 QTC
Entries 6.356448e+07
ADC
QT Input Channel

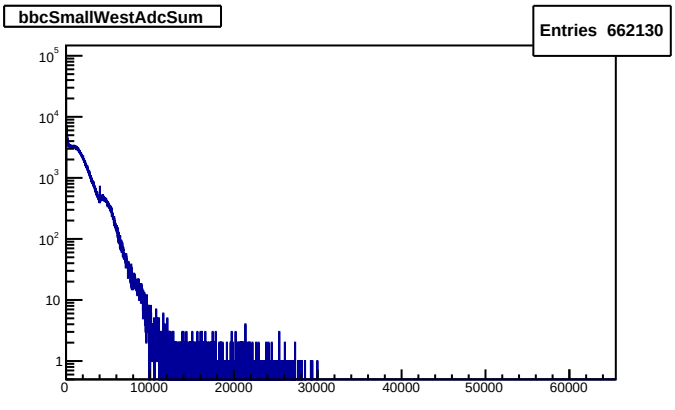

EQ3 QTC
Entries 6.356448e+07
TADC
QT Input Channel

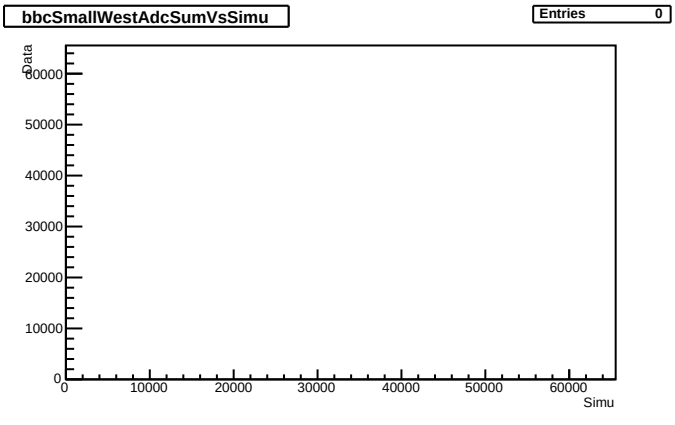

bbcSmallEastAdcSum
Entries 662130


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 662130


bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu


bbcSmallWestAdcSum
Entries 662130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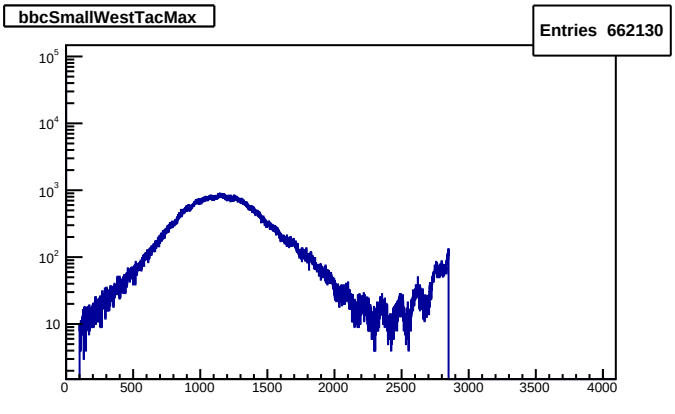
Entries 0
Data
Simu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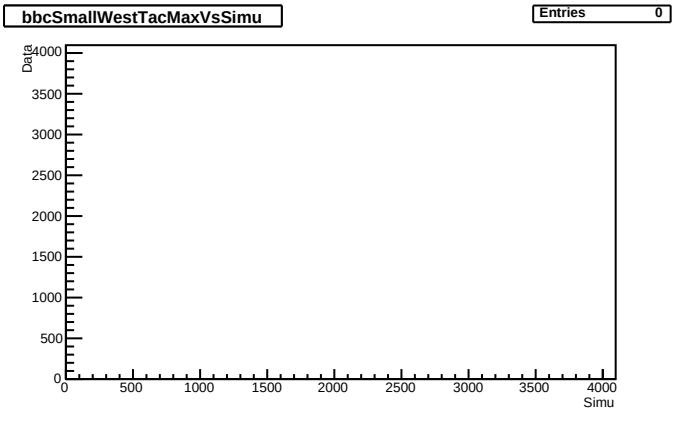
Entries 662130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Entries 0
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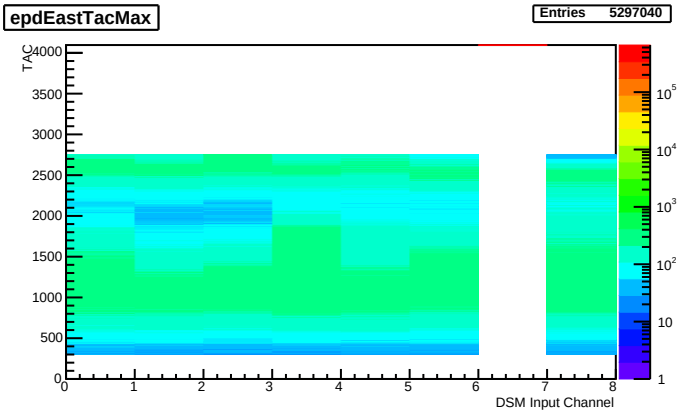
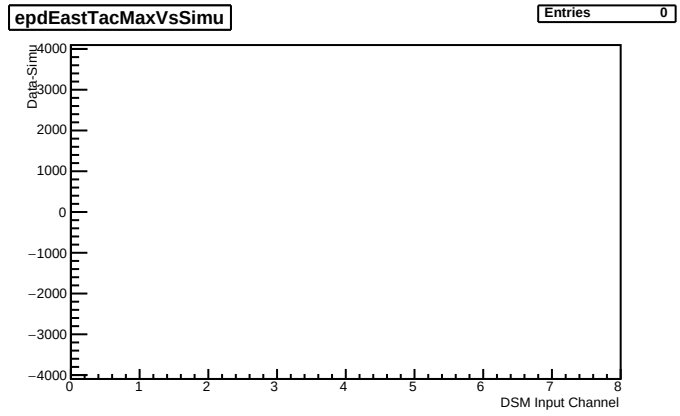
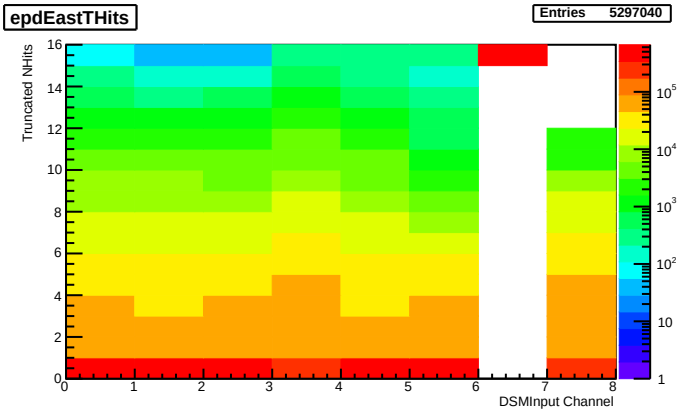
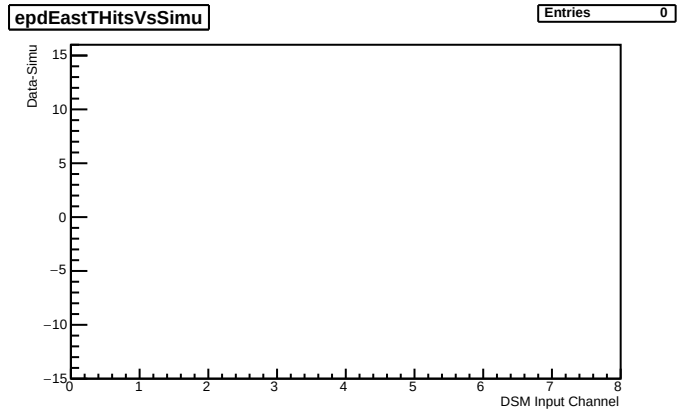
Simu


epdEastTacMax
Entries 5297040
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5297040
Truncated NHits
DSMInput Channel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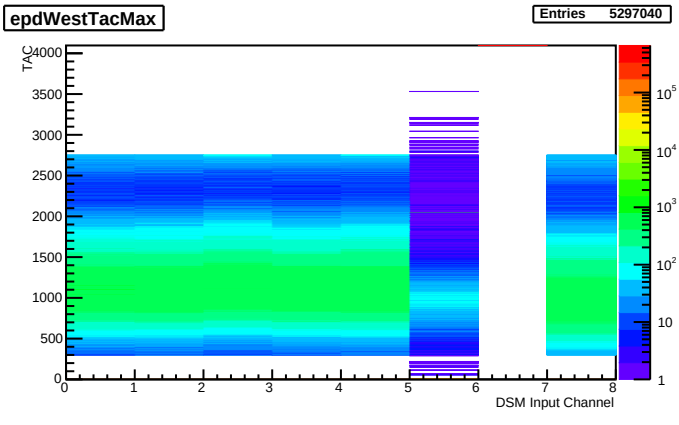
Data-Simu
DSM Input Channel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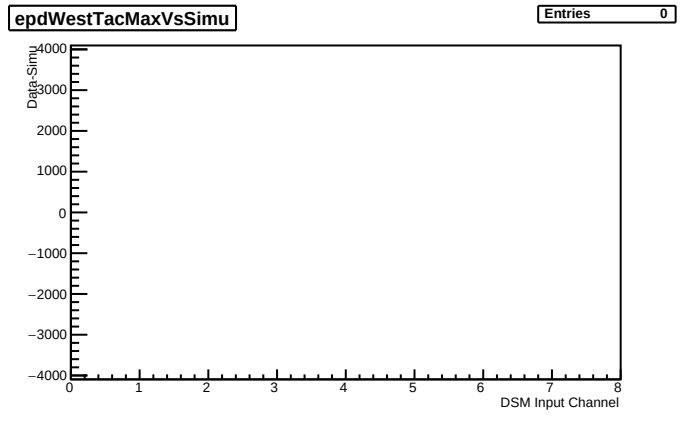
DSM Input Channel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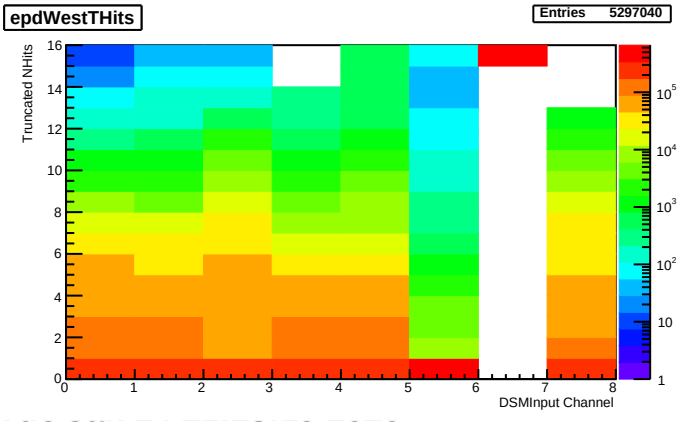
Entries 0
Data-Simu
DSM Input Channel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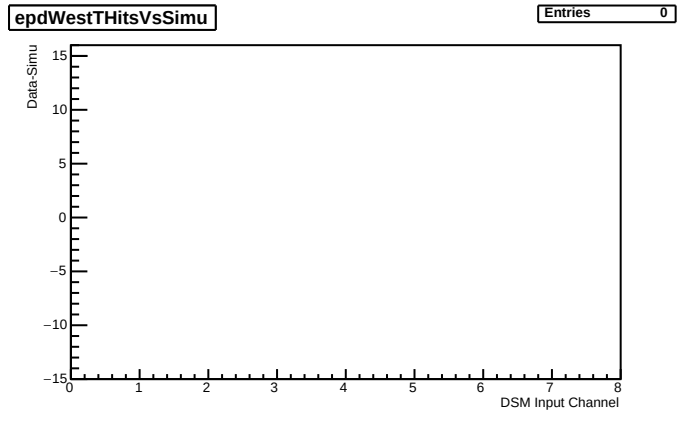
Truncated NHits
DSMInput Channel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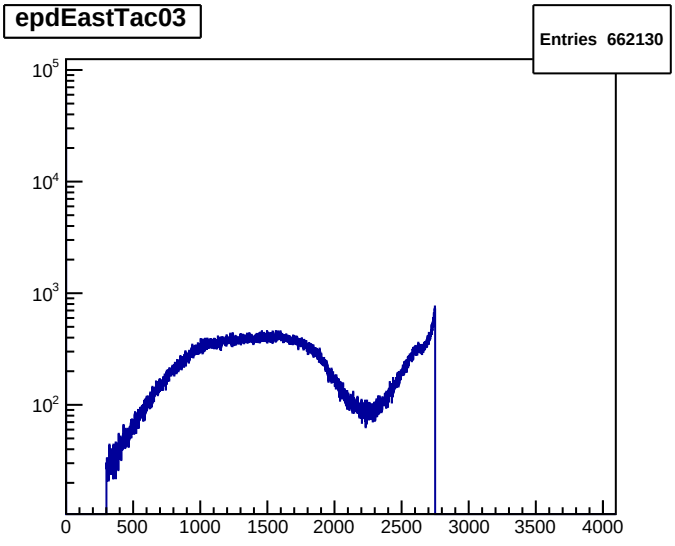
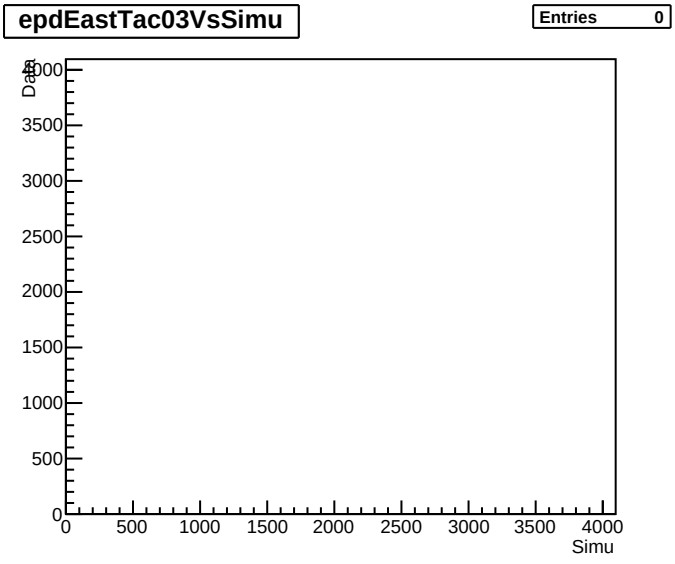
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 662130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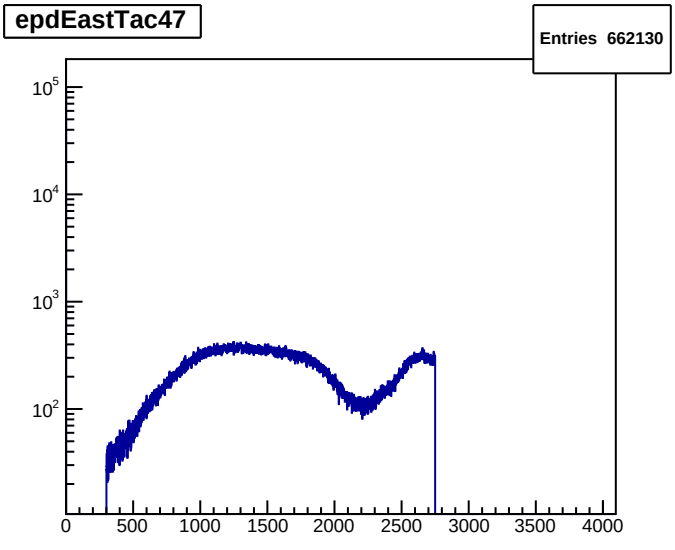
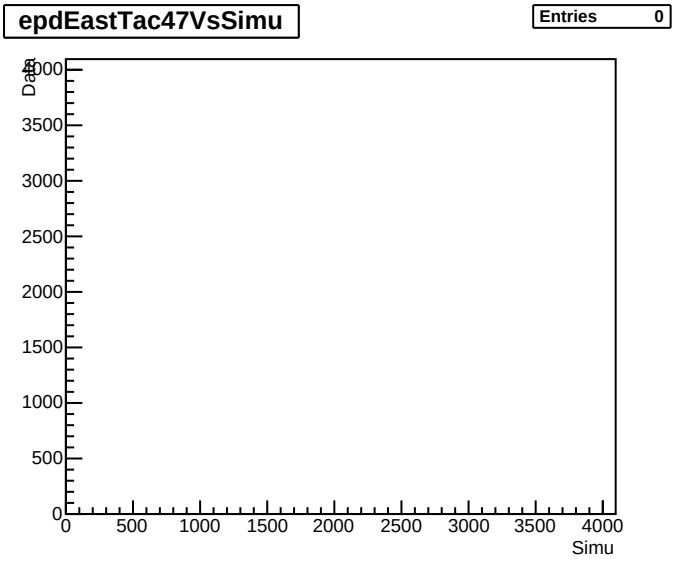
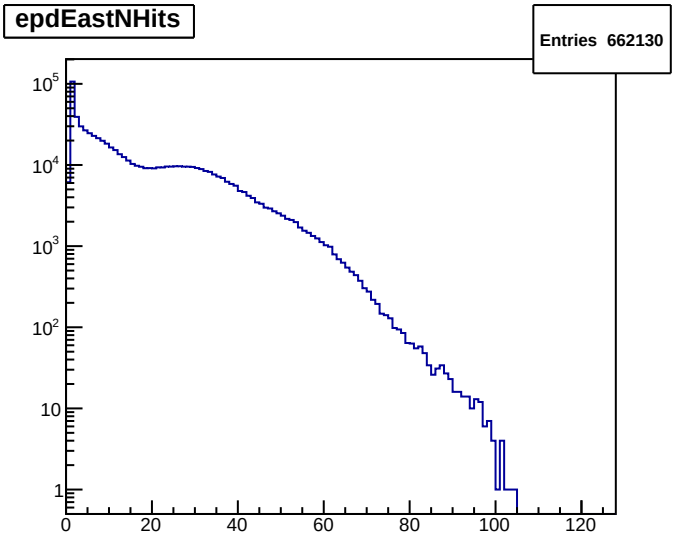
Entries 0
Data
Simu


epdEastTac47
Entries 662130


epdEastTac47VsSimu
Entries 0
Data
Simu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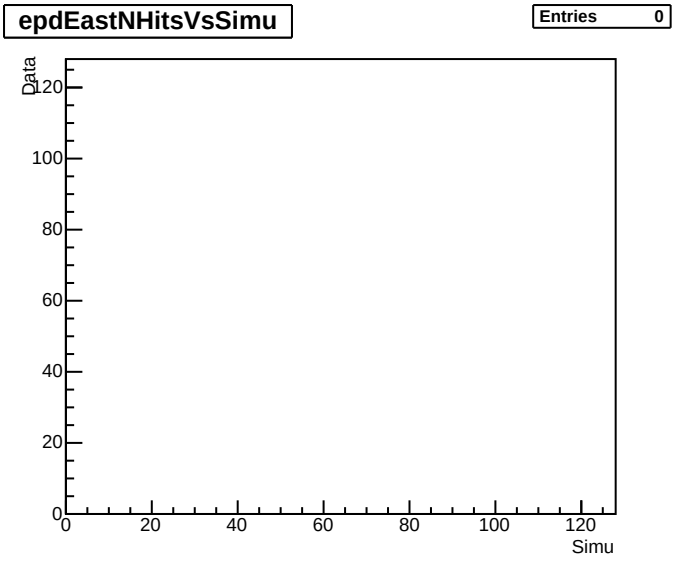
Entries 662130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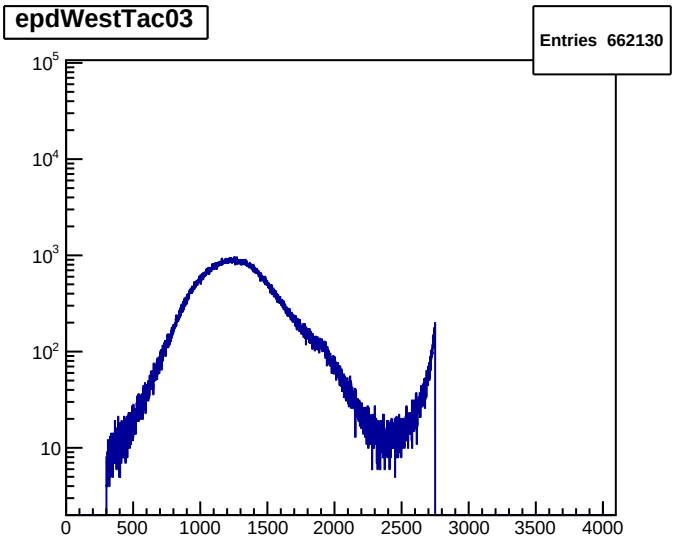
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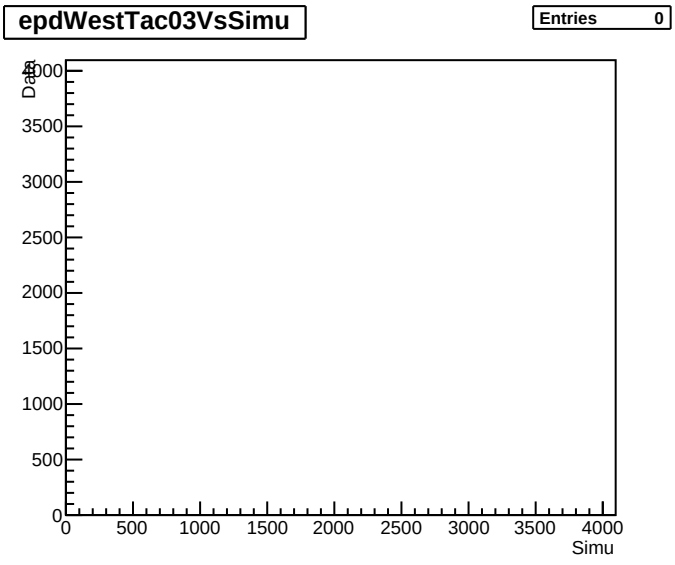
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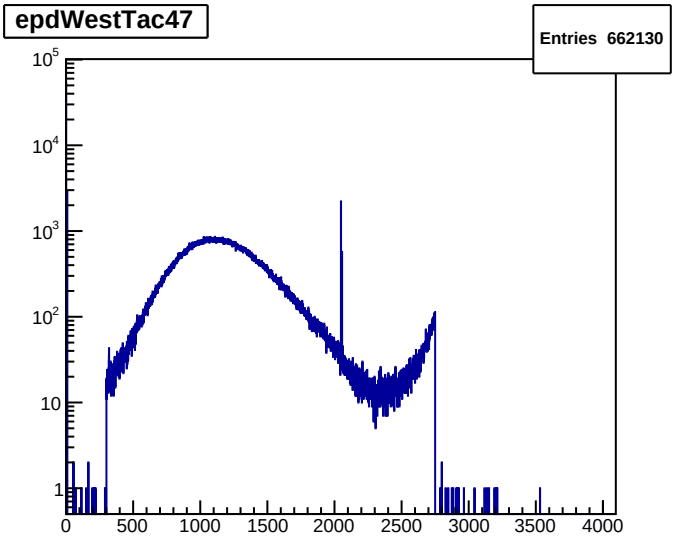
Entries 0
Data
Simu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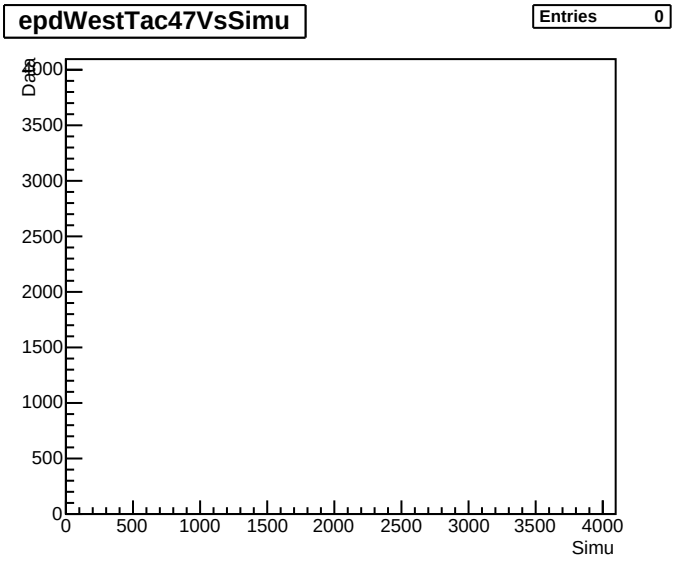
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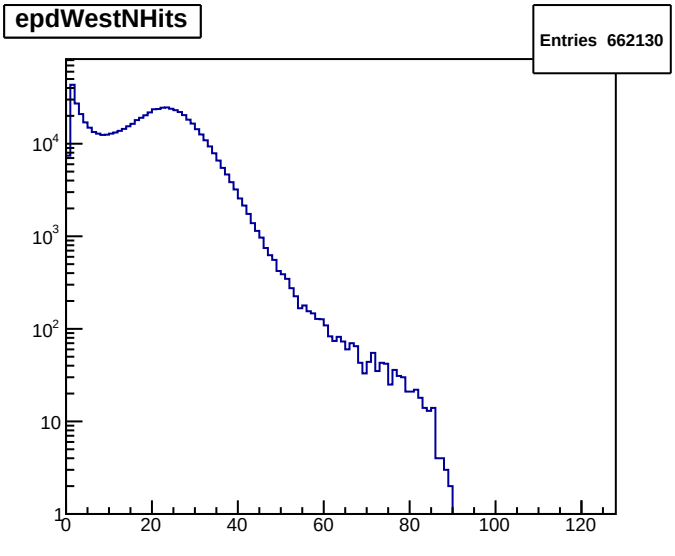
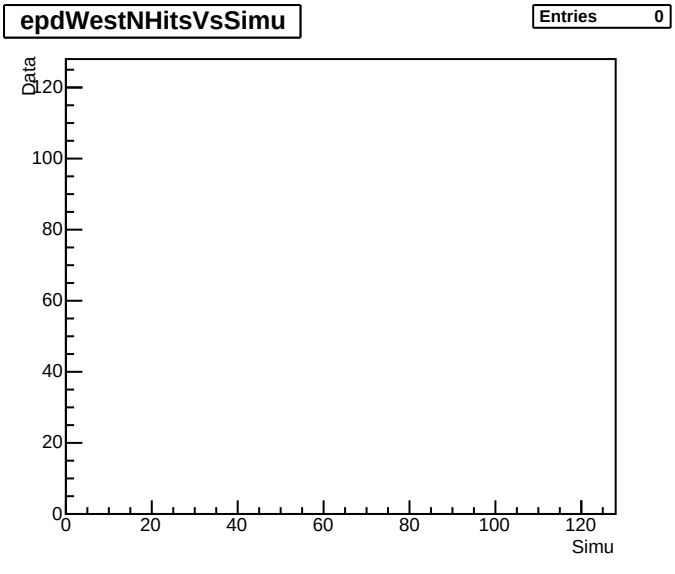
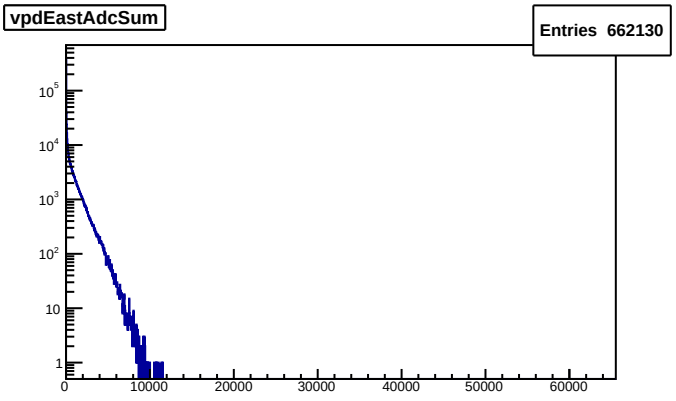
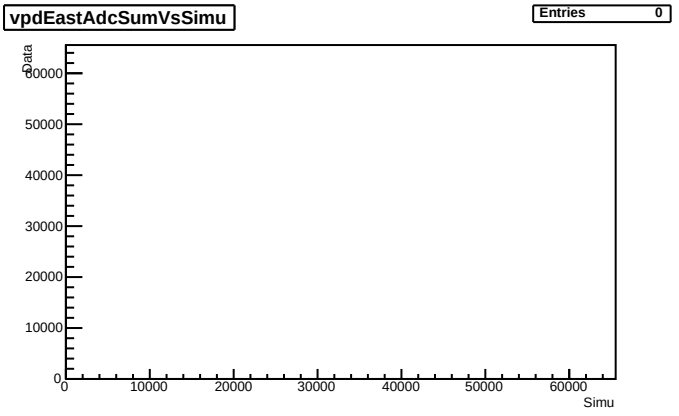
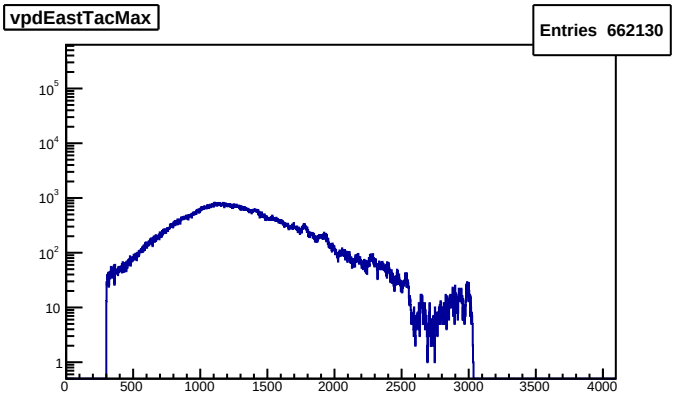
Entries 0
Data
Simu


epdWestNHits
Entries 662130


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 662130


vpdEastAdcSumVsSimu
Entries 0
Data
Simu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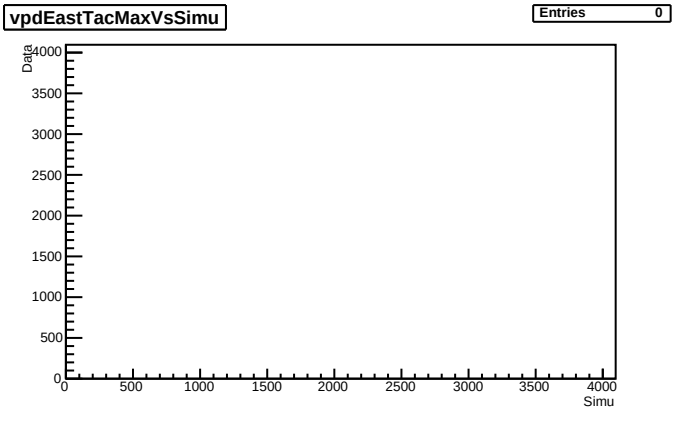
Entries 662130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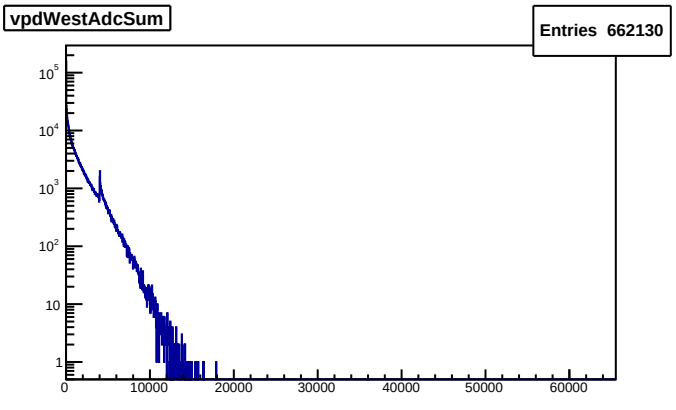
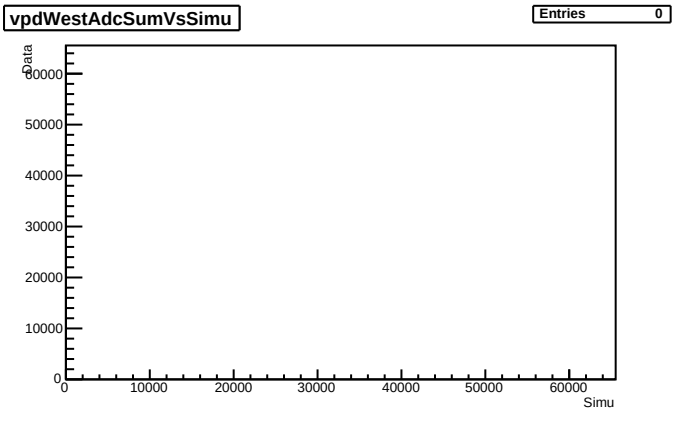
Entries 0
Data
Simu


vpdWestAdcSum
Entries 662130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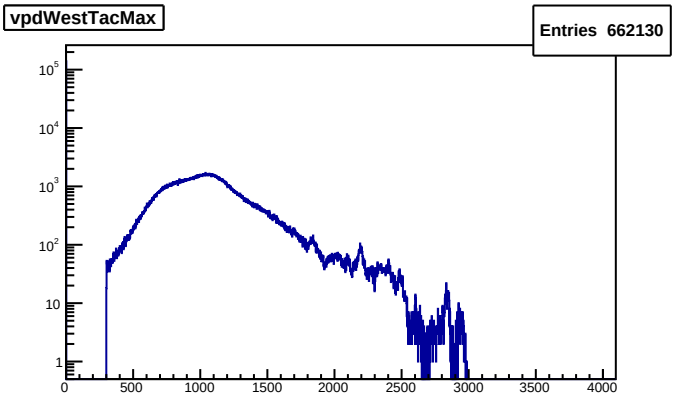
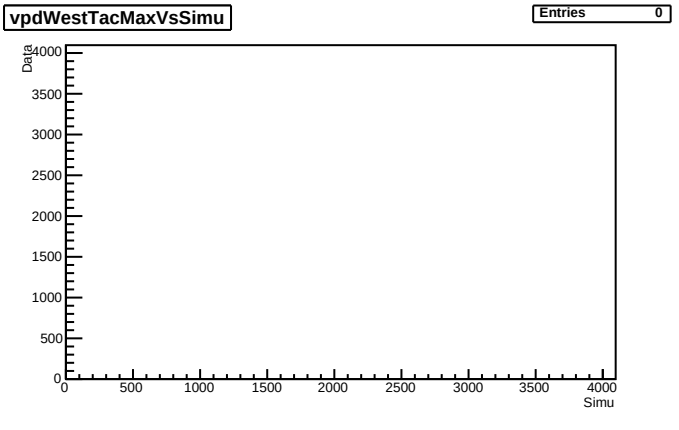
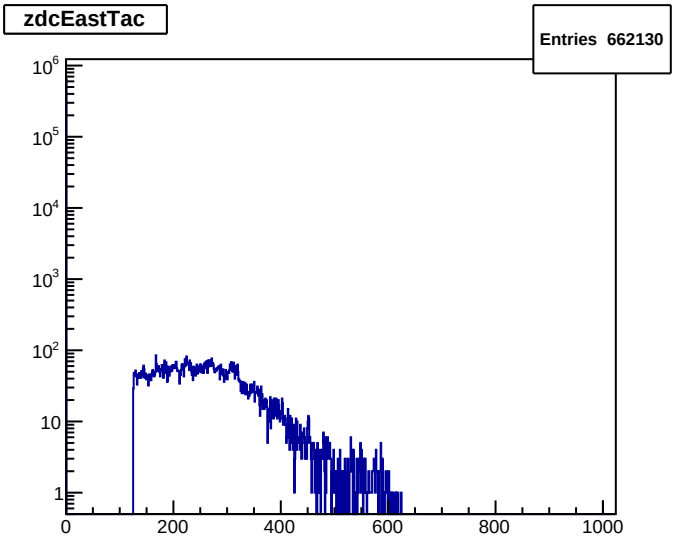
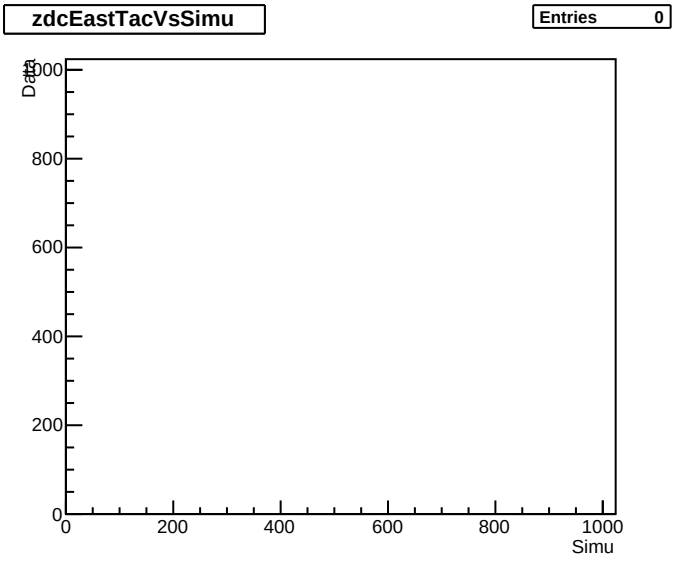
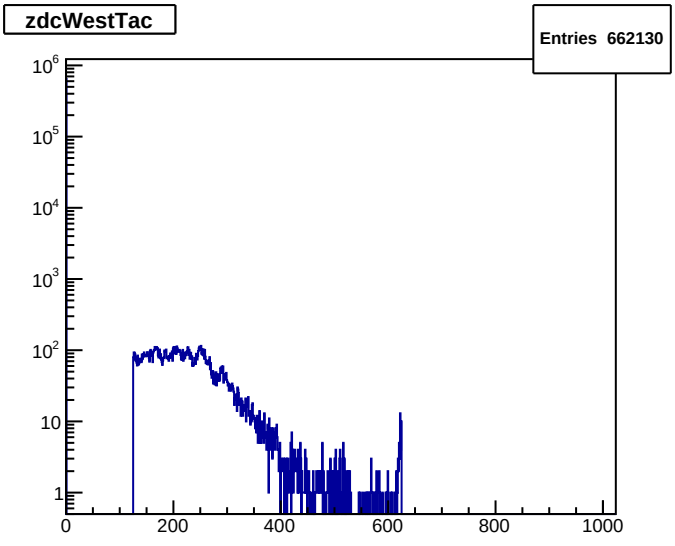
Entries 0
Data
Simu

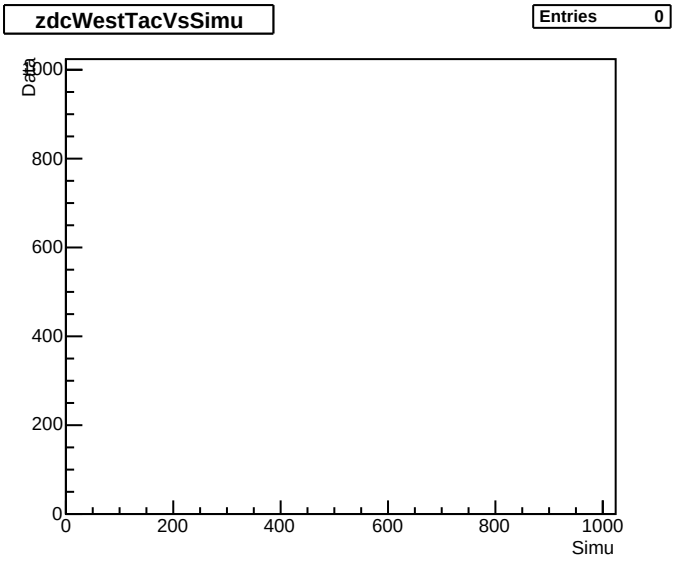

vpdWestTacMax
Entries 662130

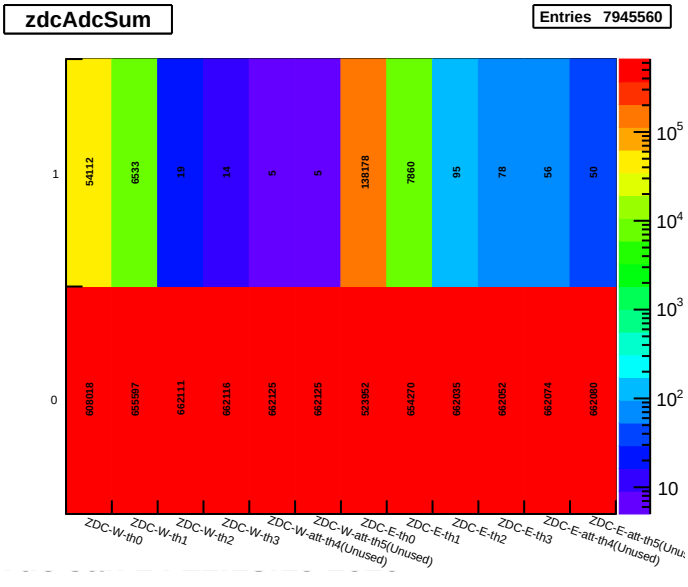

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

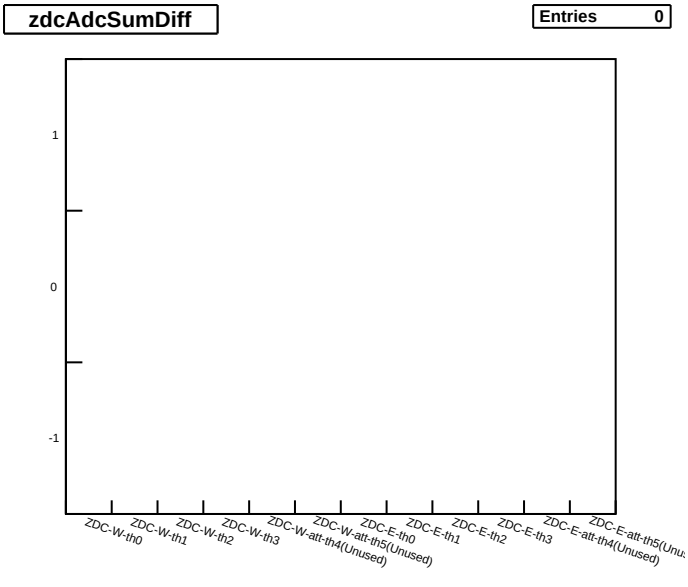

zdcEastTac
Entries 662130

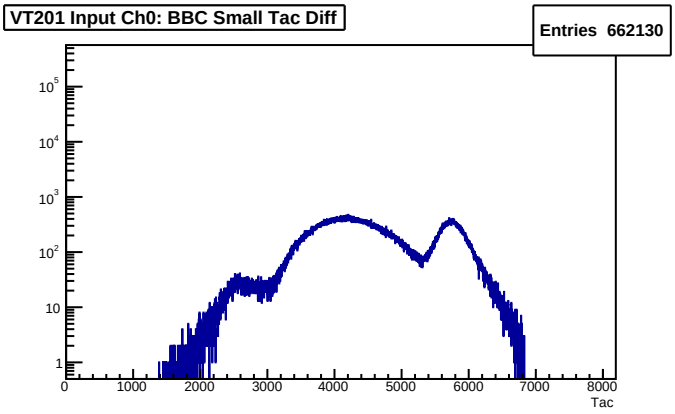

zdcEastTacVsSimu
Entries 0
Data
Simu

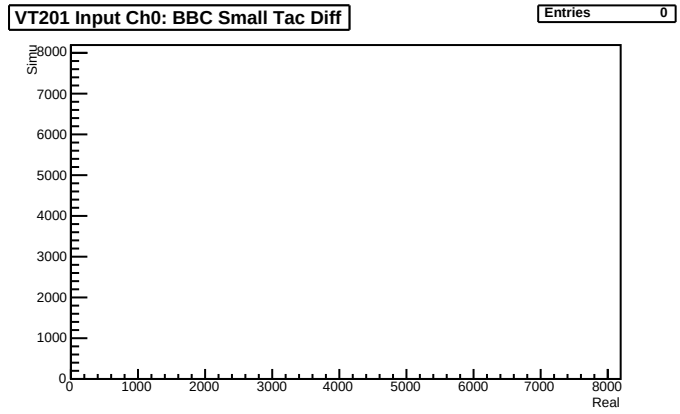

zdcWestTac
Entries 662130

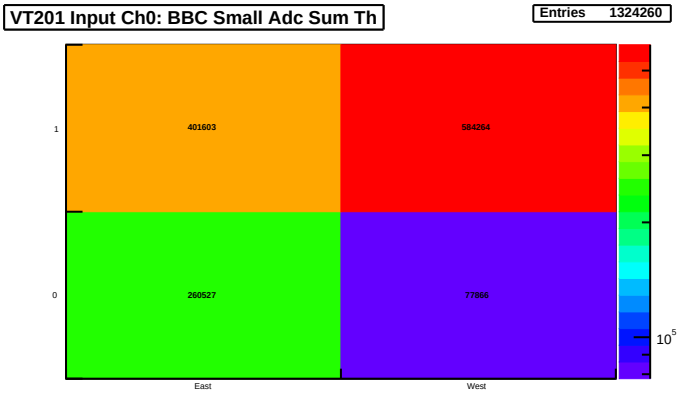

zdcWestTacVsSimu
Entries 0
Data
Simu

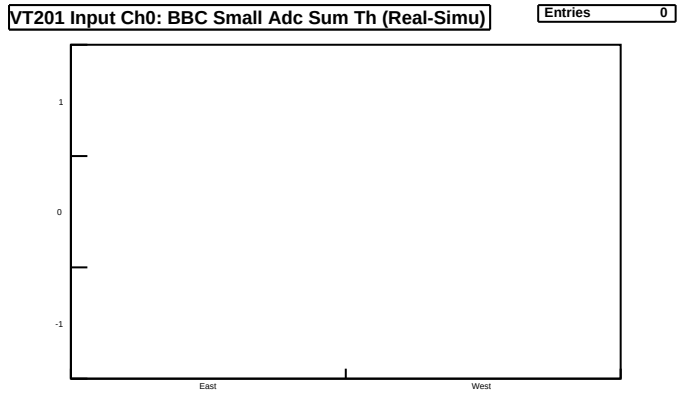

zdcAdcSum
Entries 7945560
54112
6533
19
14
5
5
138178
7860
95
78
56
50
608018
655997
662111
662116
662125
662125
523952
654270
662035
662052
662074
662080
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

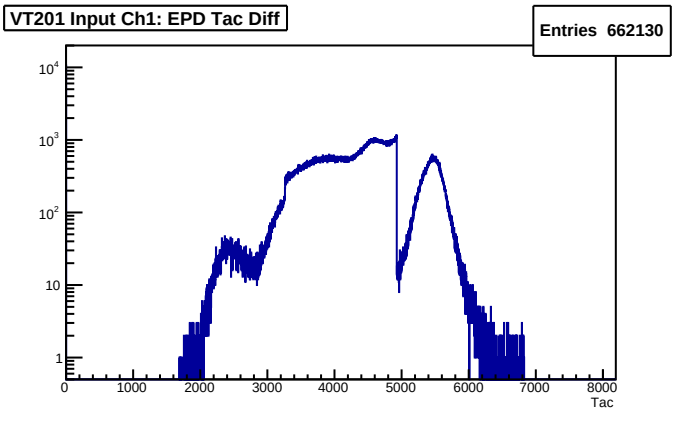

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

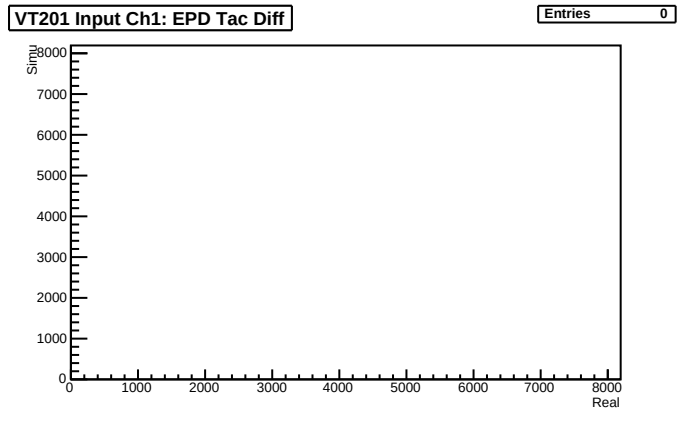

VT201 Input Ch0: BBC Small Tac Diff
Entries 662130
Tac

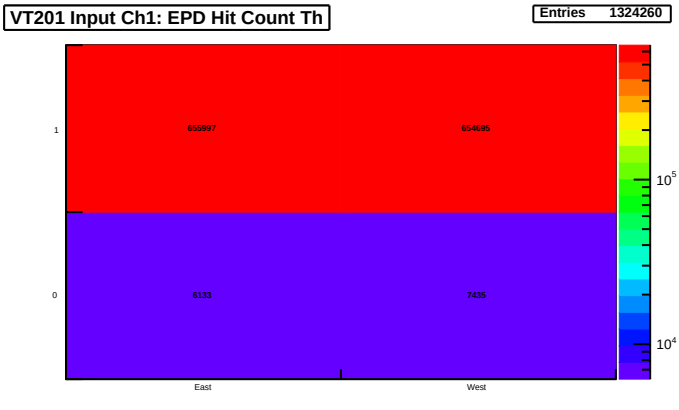

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

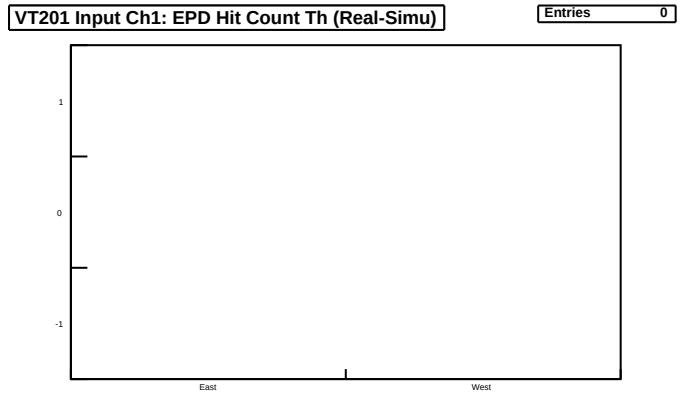

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1324260
401603
584264
260527
77866
East
West

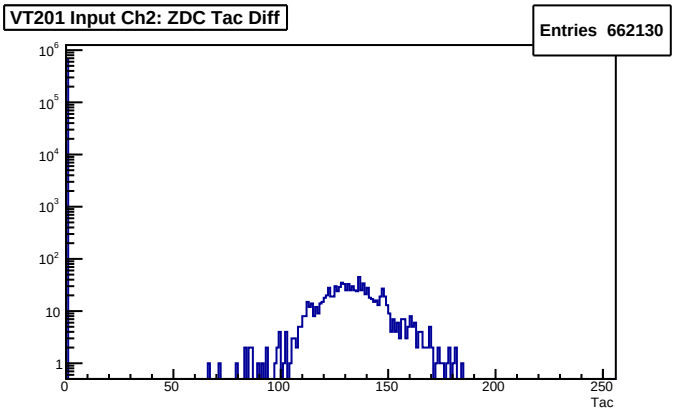

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

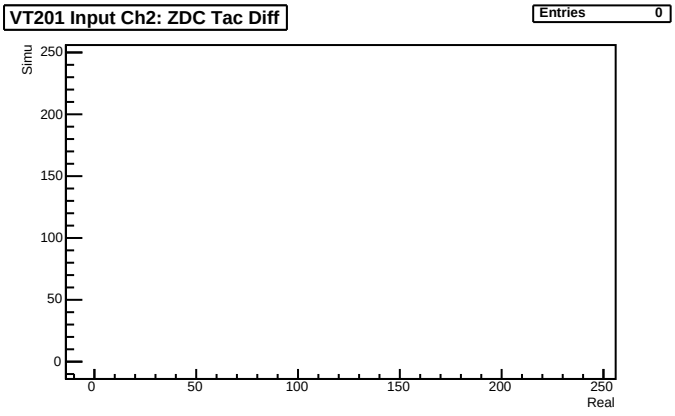

VT201 Input Ch1: EPD Tac Diff
Entries 662130
Tac

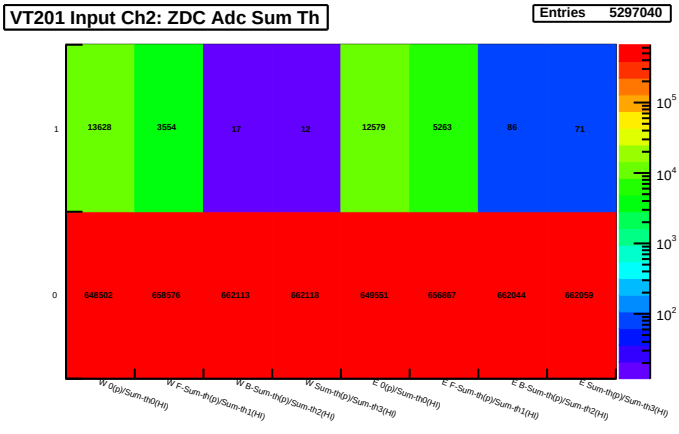

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

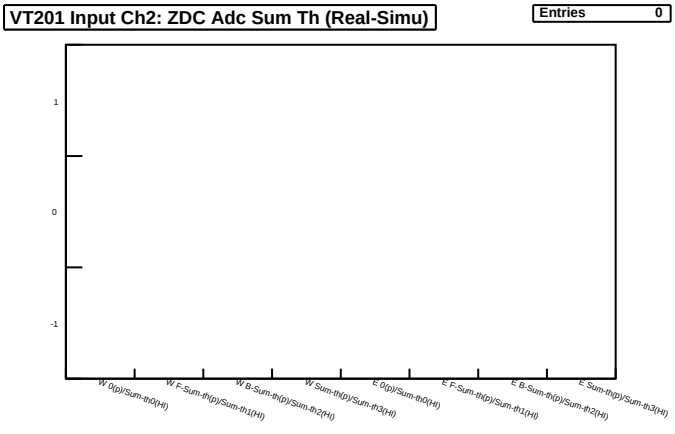

VT201 Input Ch1: EPD Hit Count Th
Entries 1324260
655997
654695
6133
7435
East
West

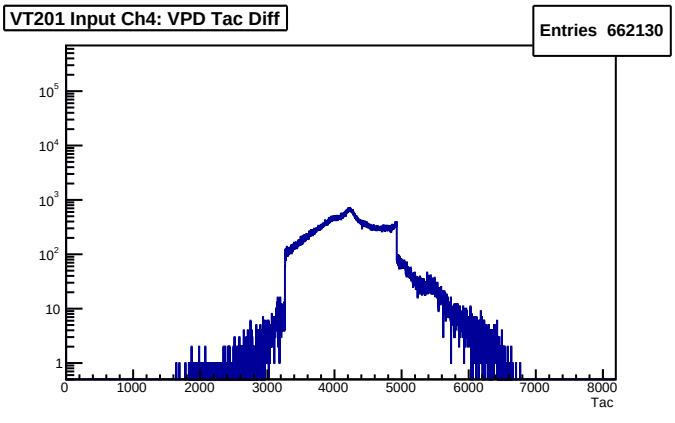

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

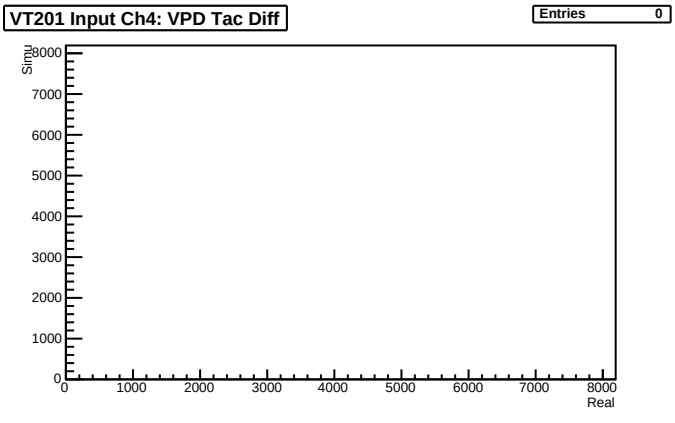

VT201 Input Ch2: ZDC Tac Diff
Entries 662130
Tac

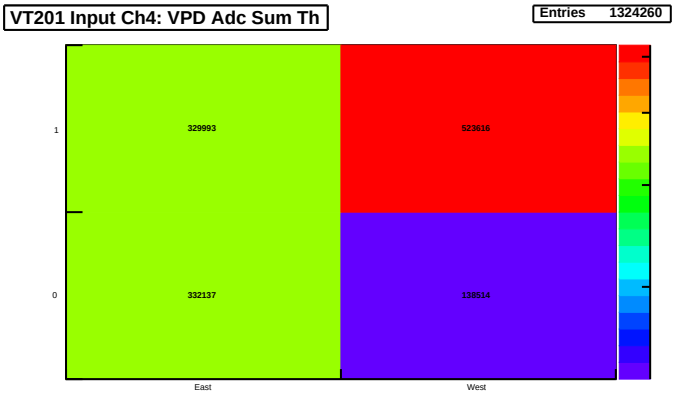

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

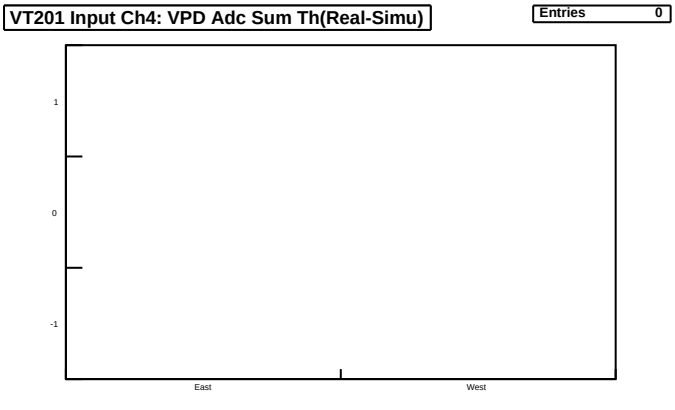

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5297040
13628
3554
17
12
12579
5263
86
71
648502
658576
662113
662118
649551
656867
662044
662059
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

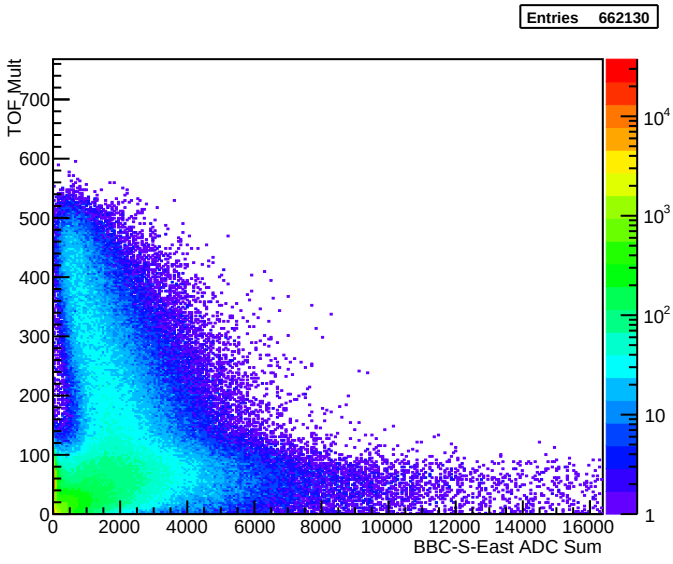

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

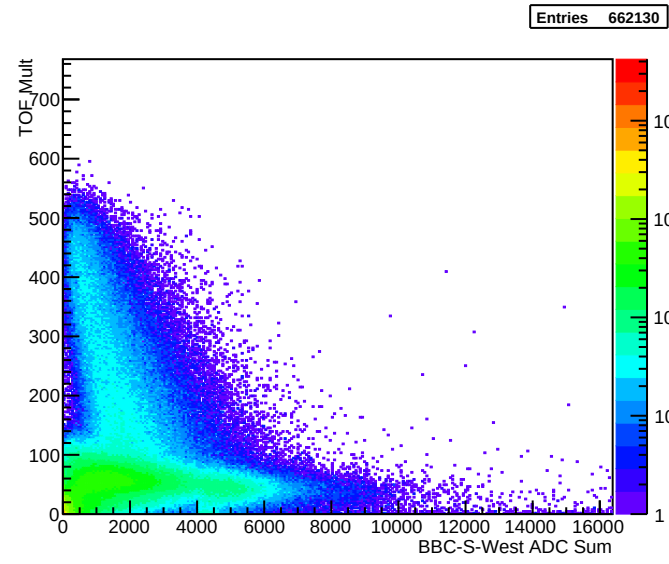

VT201 Input Ch4: VPD Tac Diff
Entries 662130
Tac

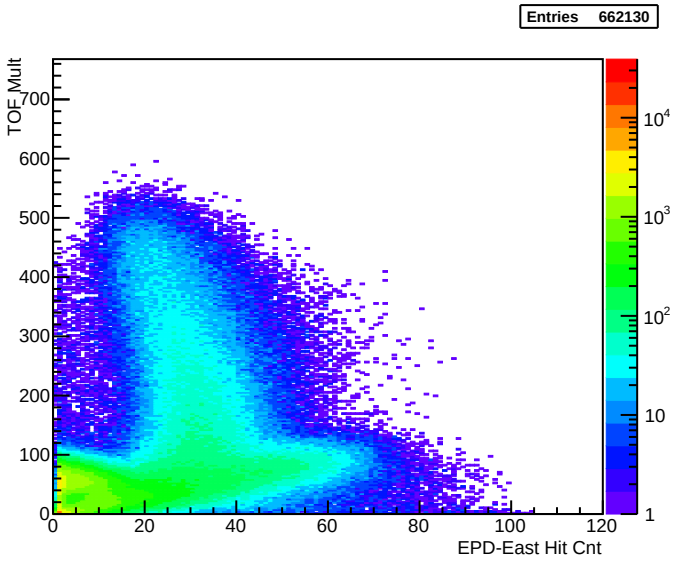

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

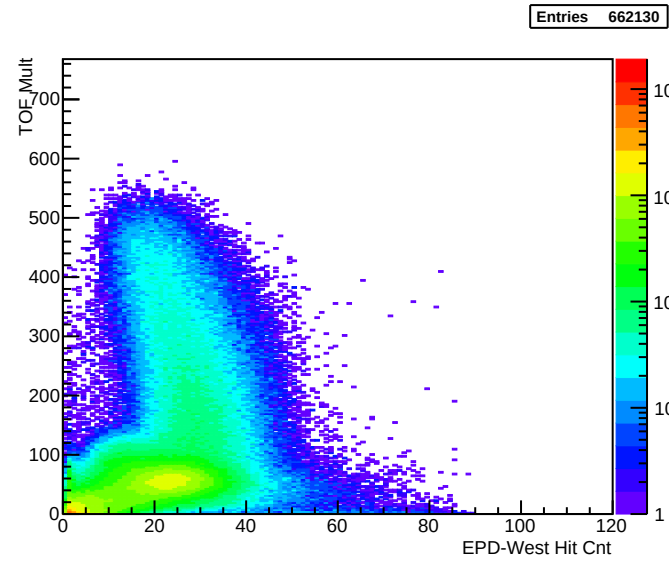

VT201 Input Ch4: VPD Adc Sum Th
Entries 1324260
329993
523616
332137
138514
East
West

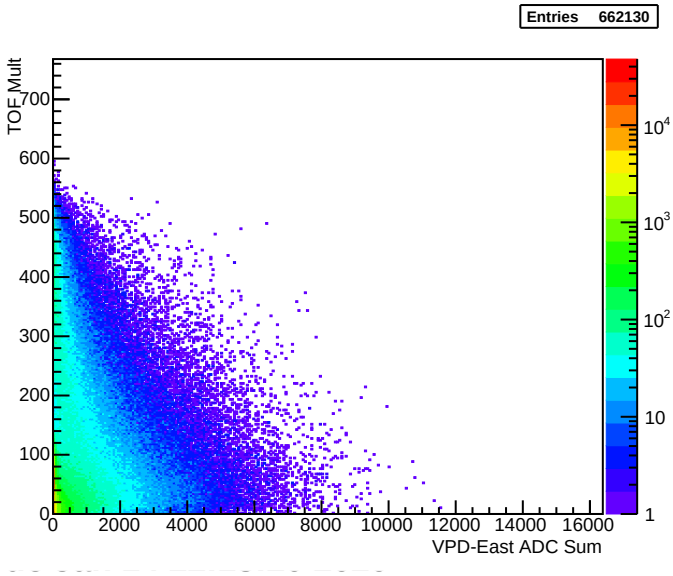

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

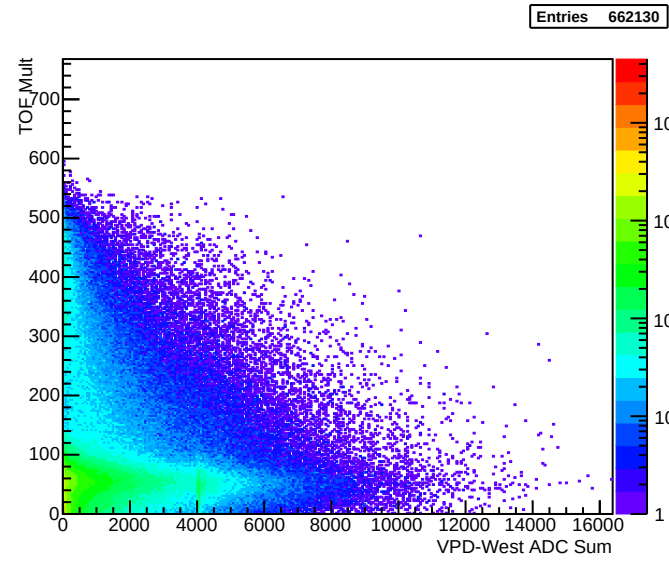

Entries 662130
TOF_Mult
BBC-S-East ADC Sum

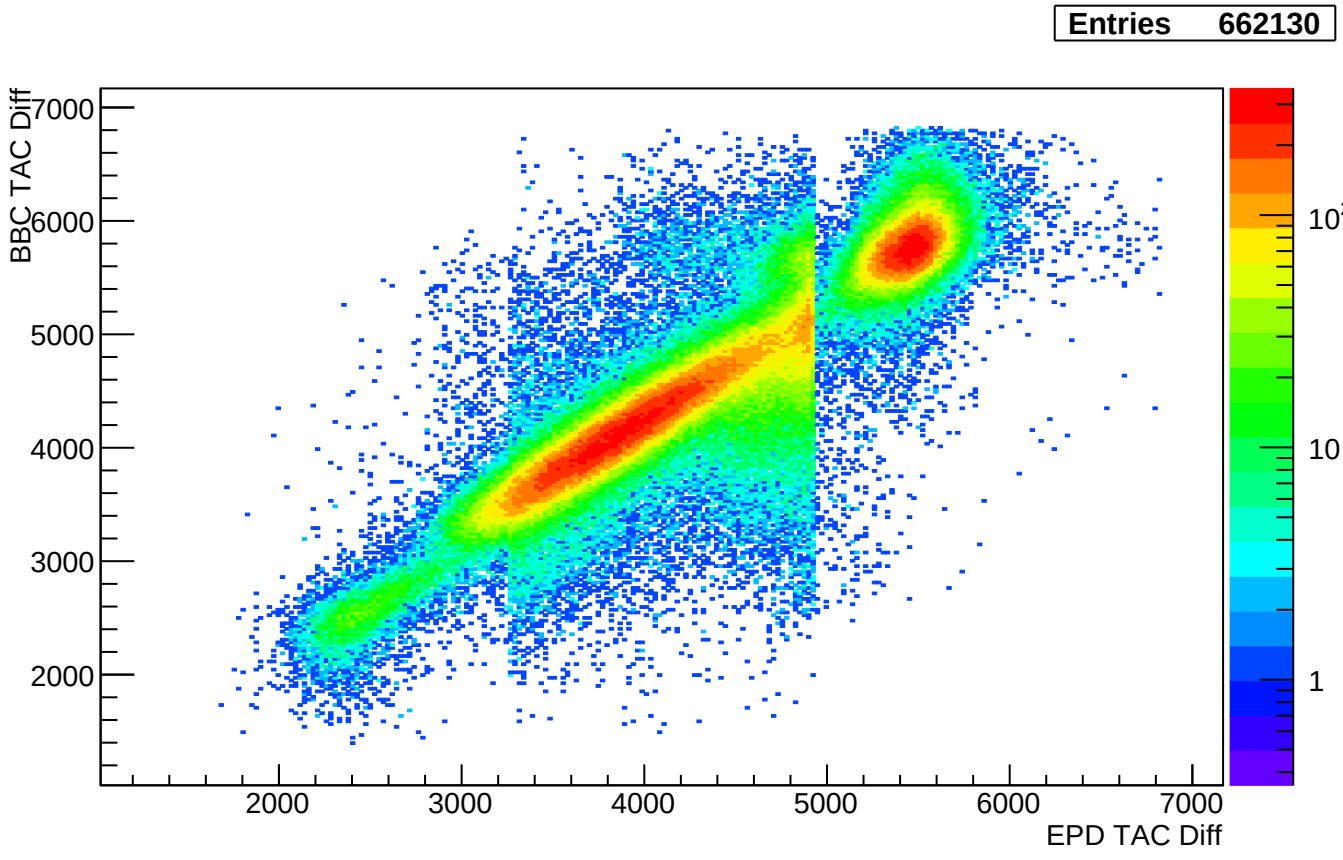

Entries 662130
TOF_Mult
BBC-S-West ADC Sum

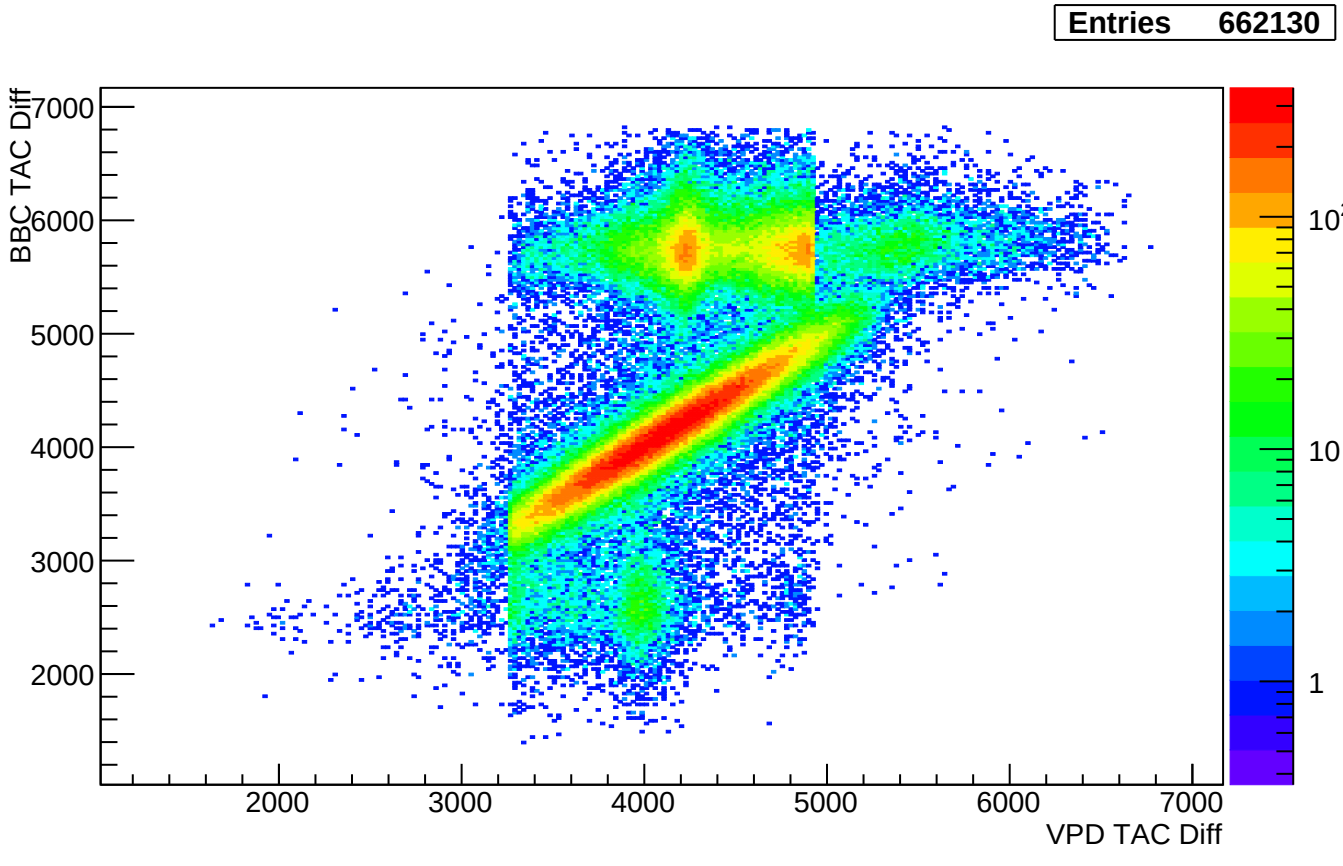

Entries 662130
TOF_Mult
EPD-East Hit Cnt

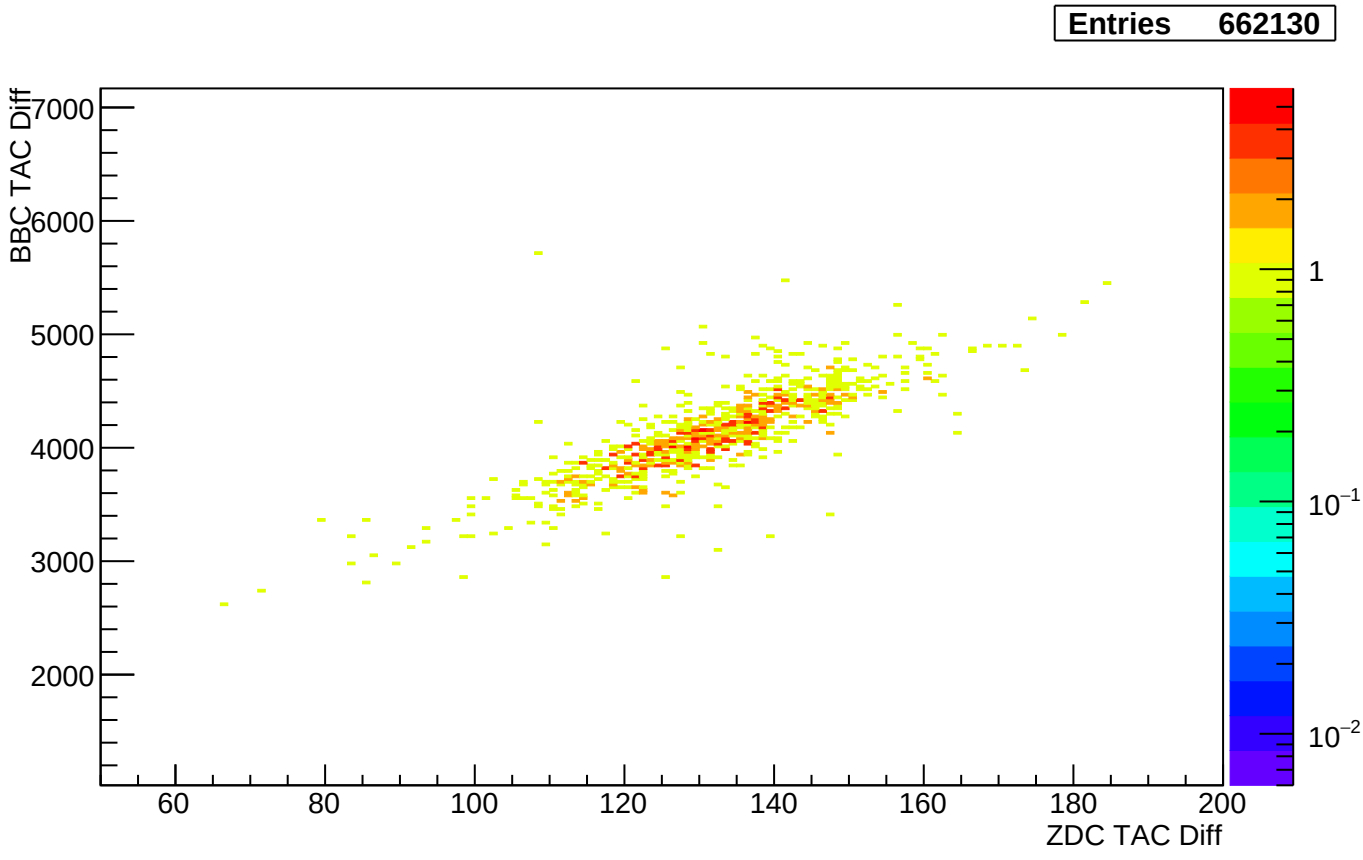

Entries 662130
TOF_Mult
EPD-West Hit Cnt

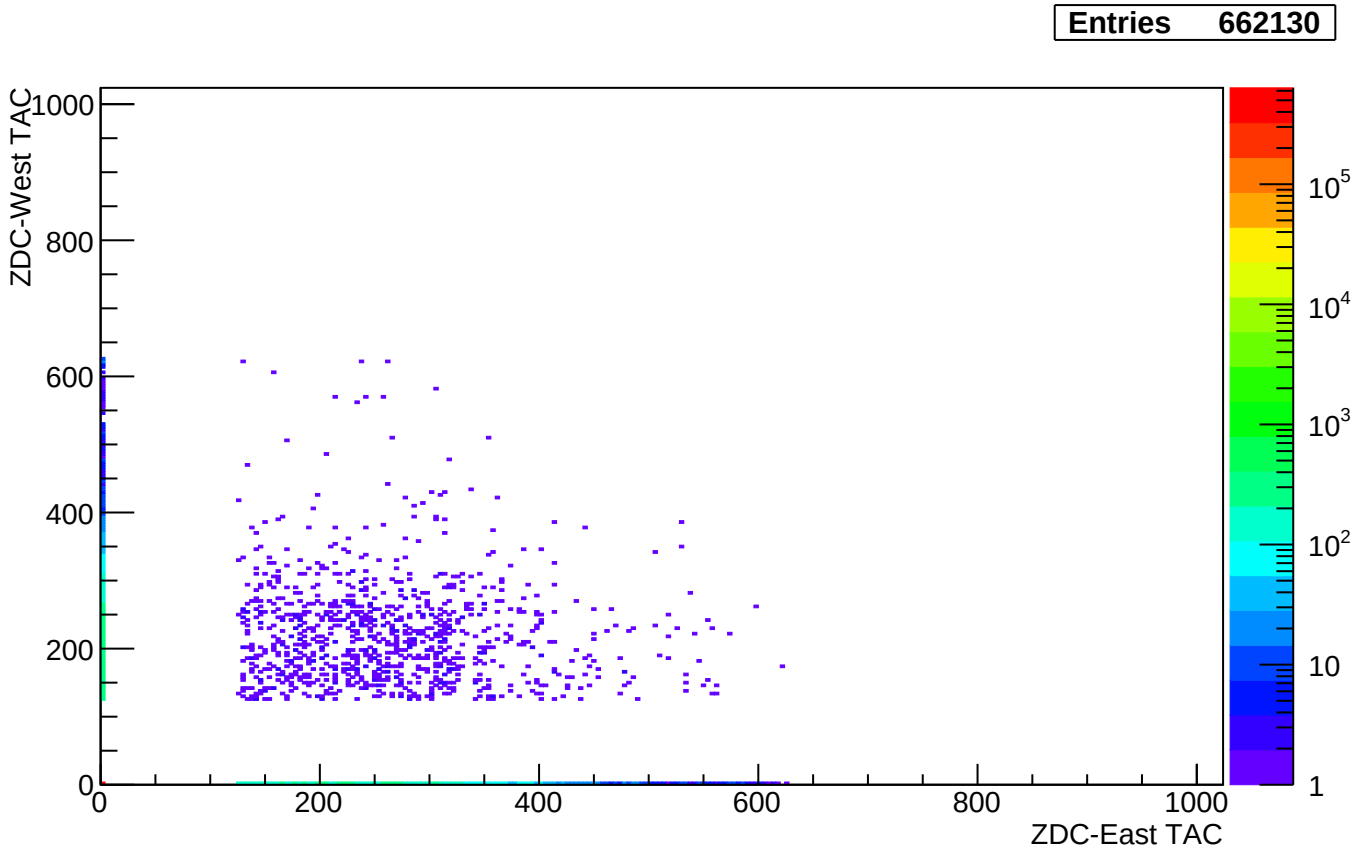

Entries 662130
TOF_Mult
VPD-East ADC Sum

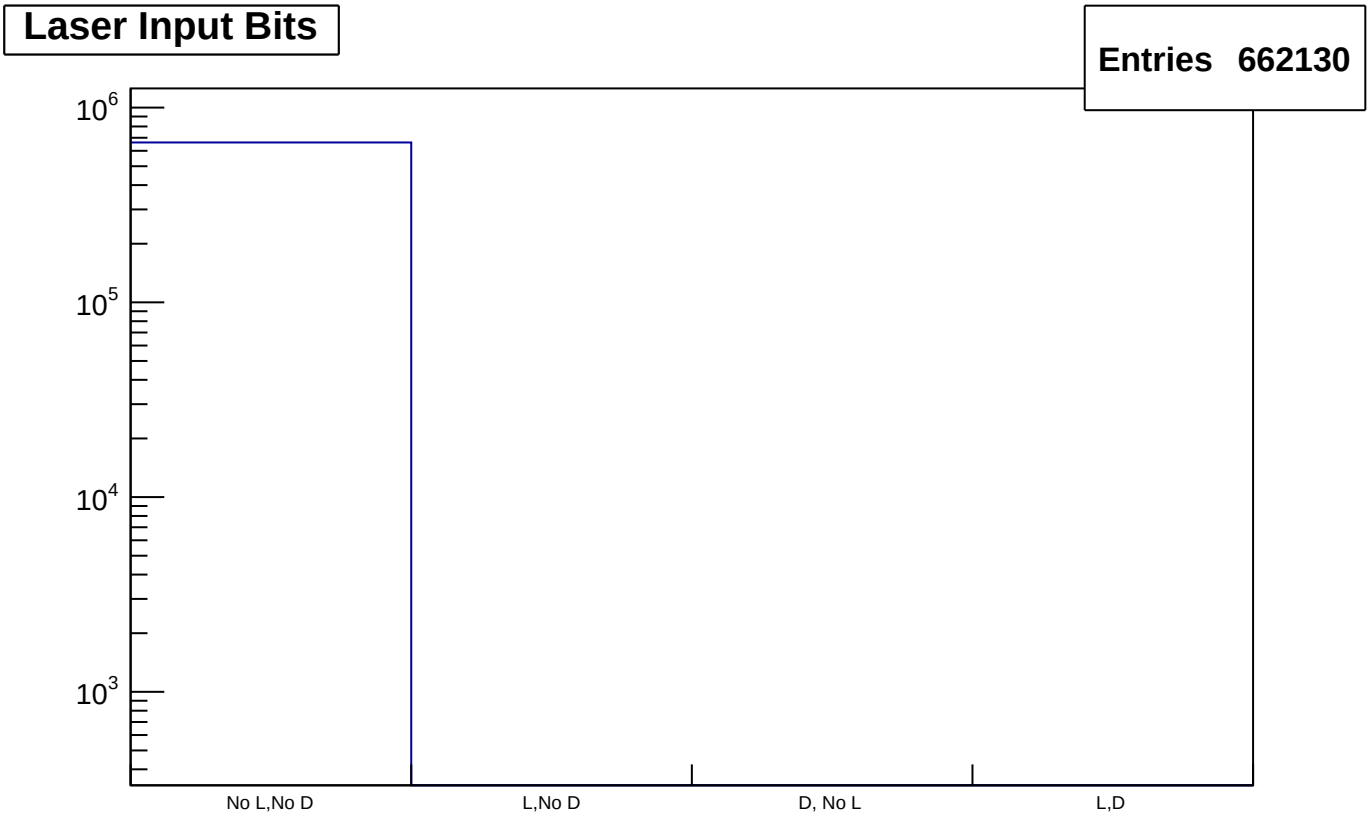

Entries 662130
TOF_Mult
VPD-West ADC Sum

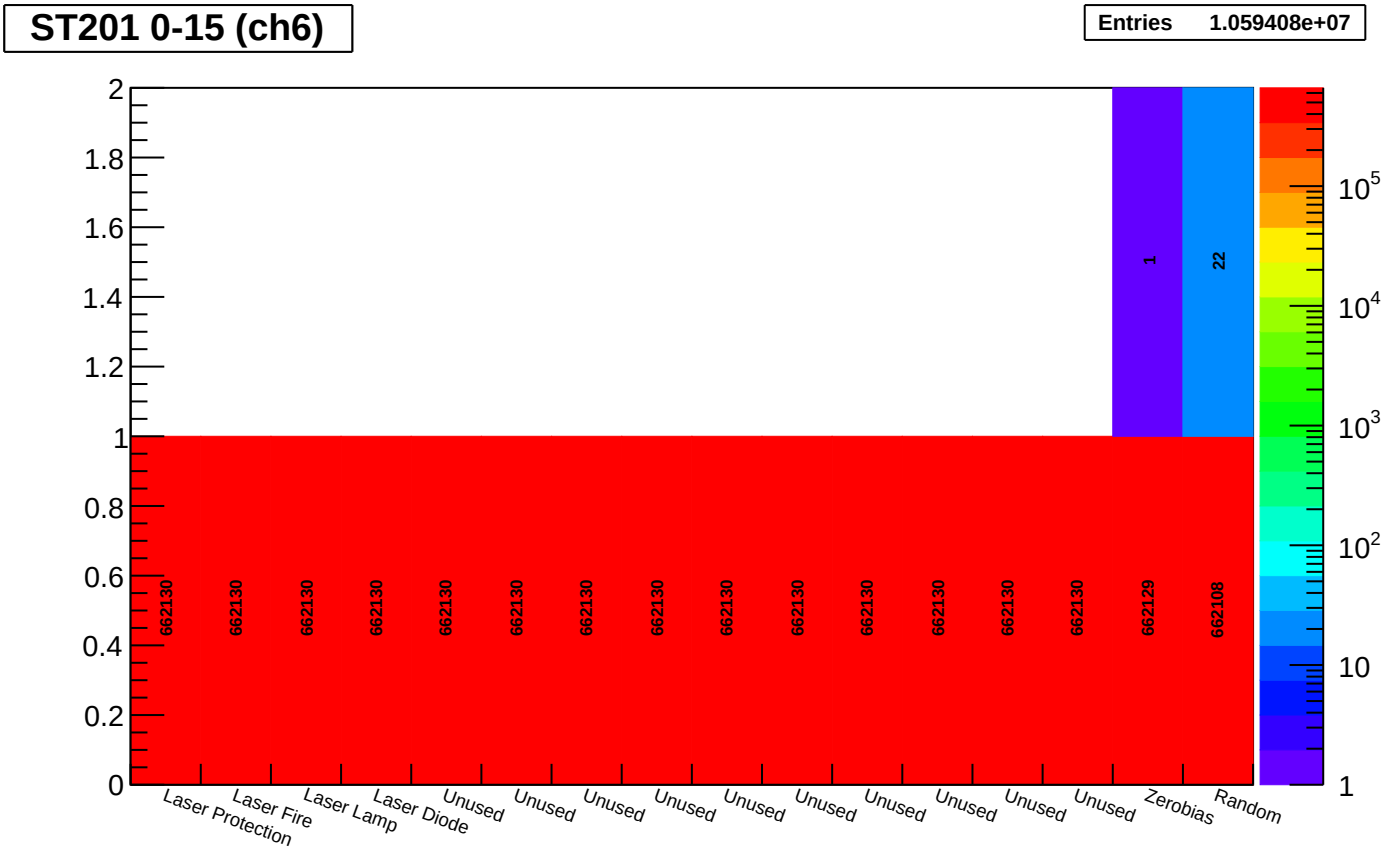

Entries 662130
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

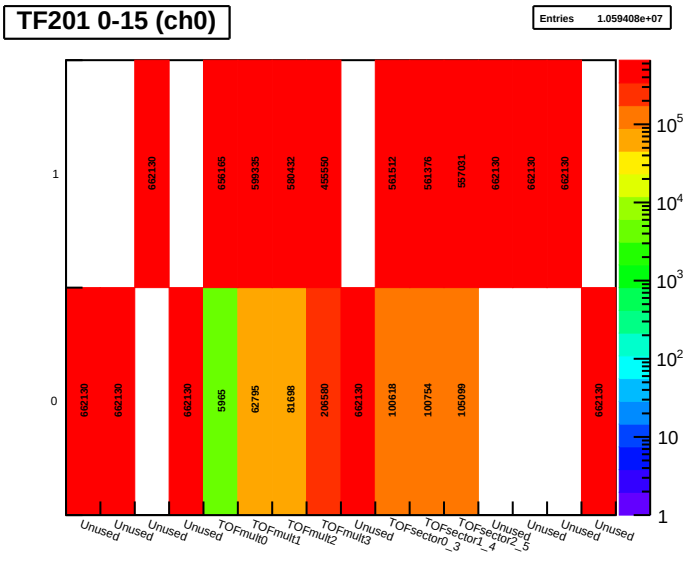

Entries 662130
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

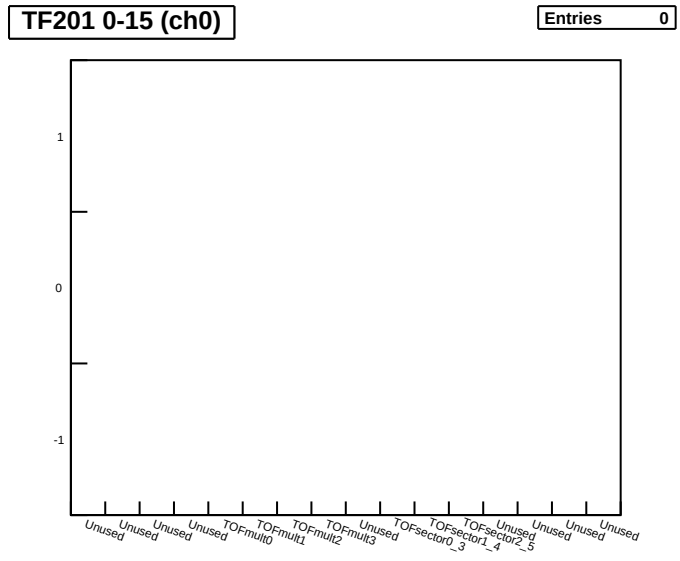

Entries 662130
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

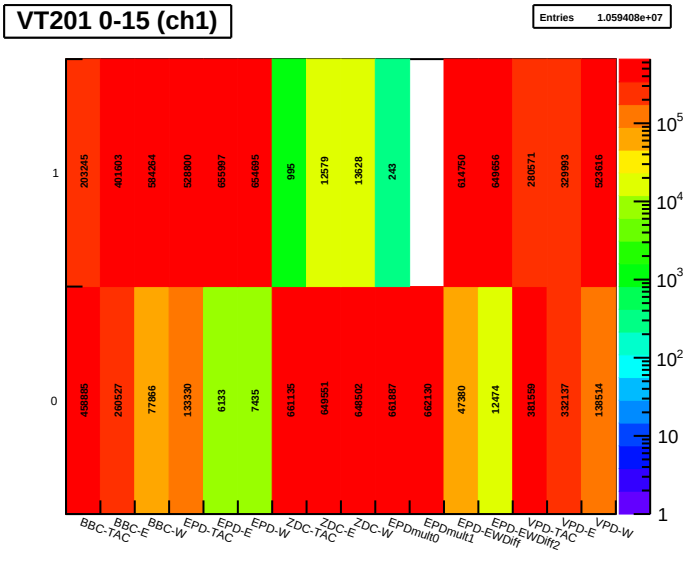

Entries 662130
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

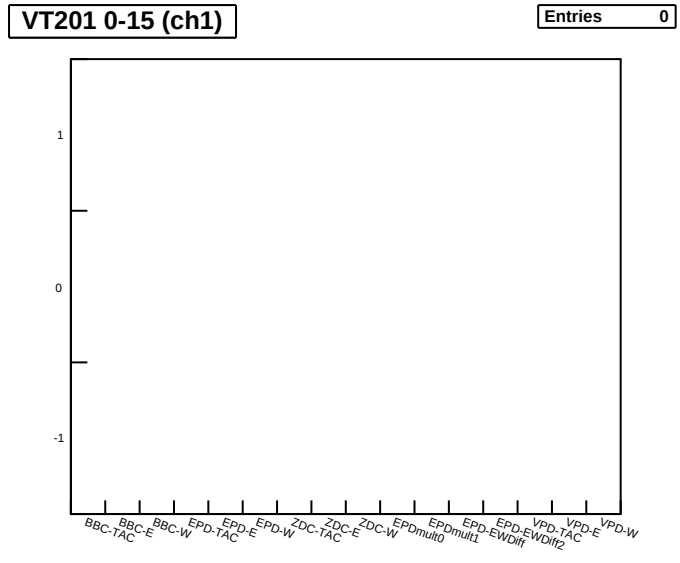

Laser Input Bits
Entries 662130
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

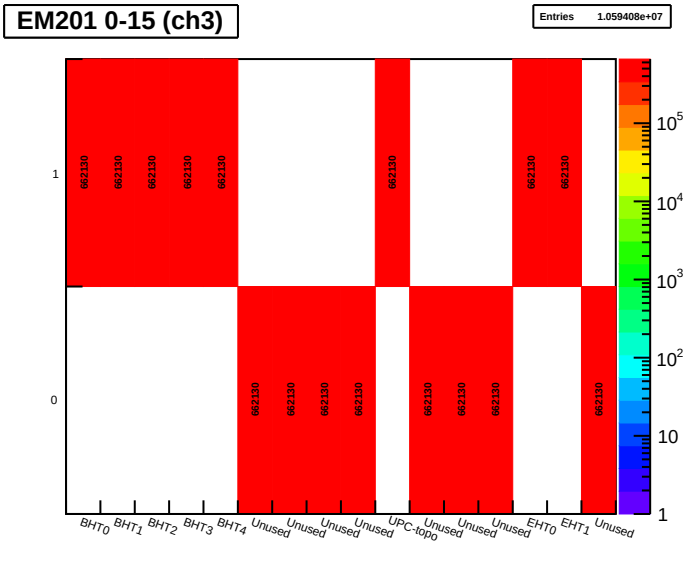

ST201 0-15 (ch6)
Entries 1.059408e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
662130
662130
662130
662130
662130
662130
662130
662130
662130
662130
662130
662130
662130
662130
662129
662108
1
22
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1










EM201 0-15 (ch3)
Entries 1.059408e+07
1
0
662130
662130
662130
662130
662130
662130
662130