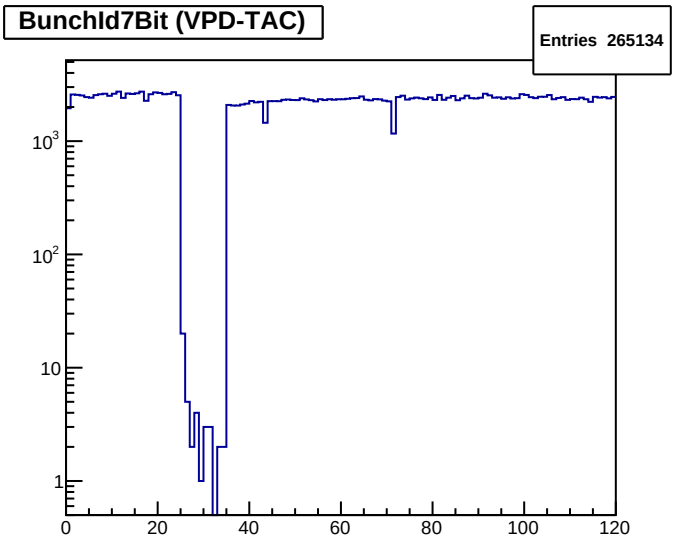
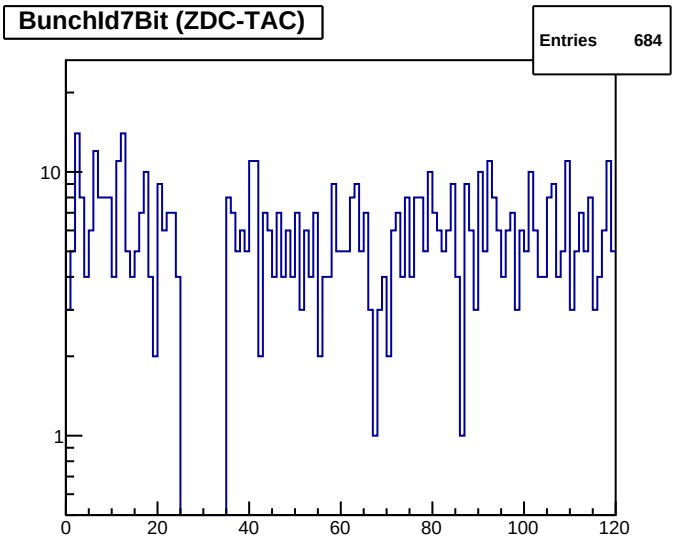
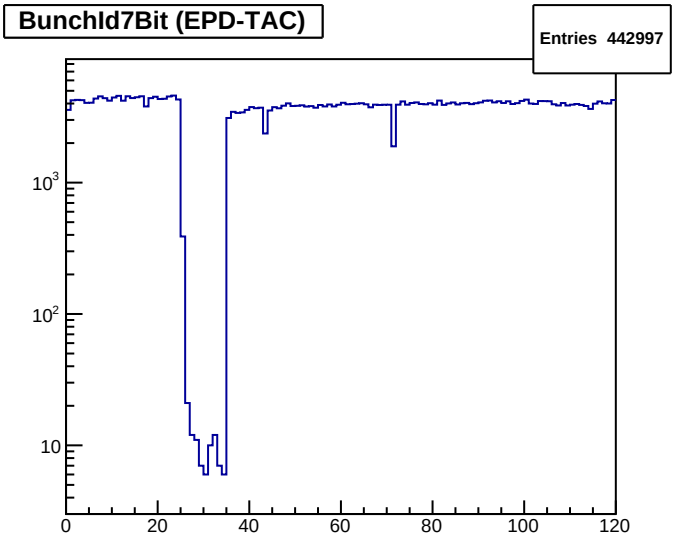
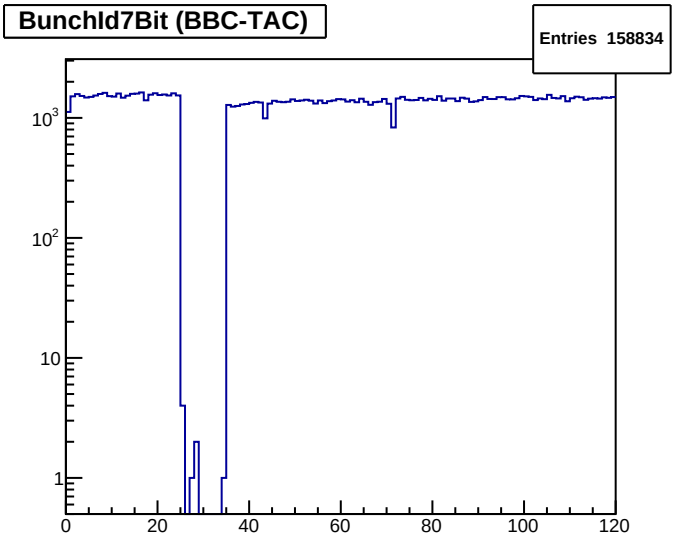
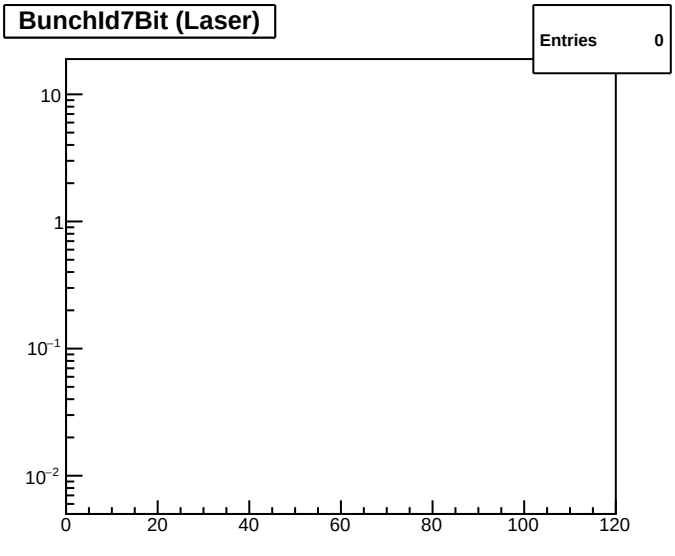
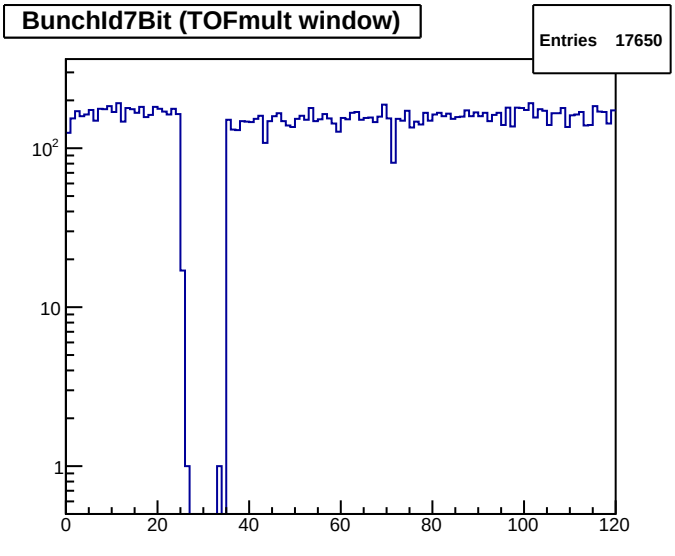

BunchId7Bit (VPD-TAC)
Entries 265134

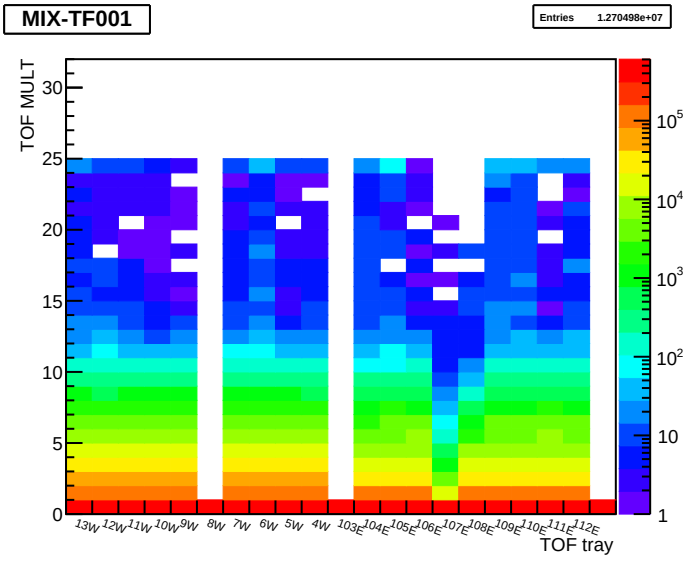

BunchId7Bit (ZDC-TAC)
Entries 684

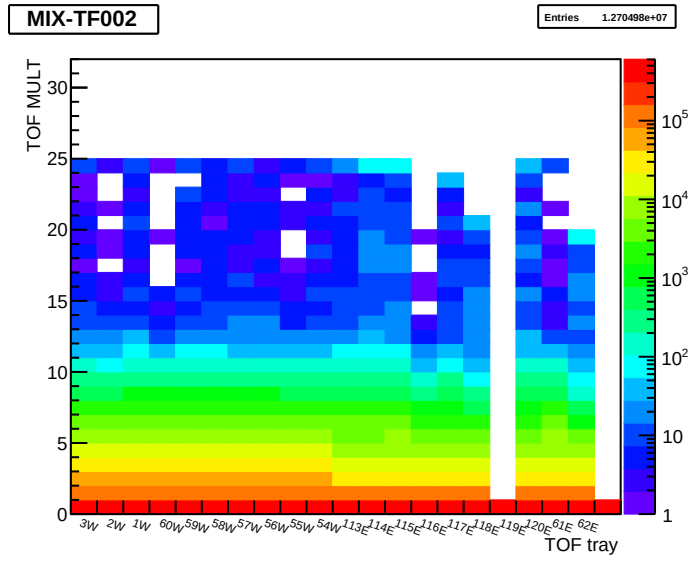

BunchId7Bit (EPD-TAC)
Entries 442997

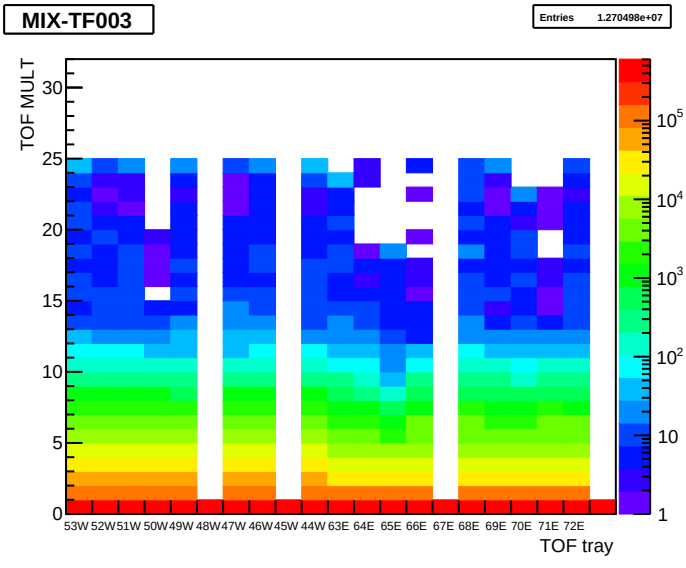

BunchId7Bit (BBC-TAC)
Entries 158834

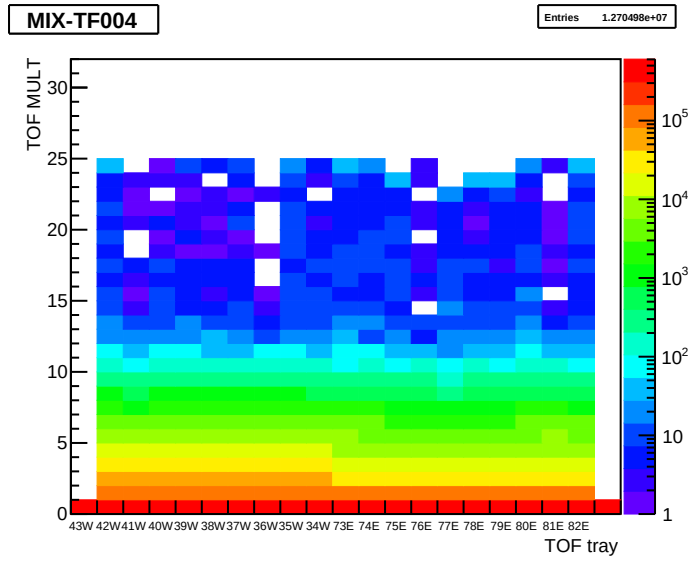

BunchId7Bit (Laser)
Entries 0

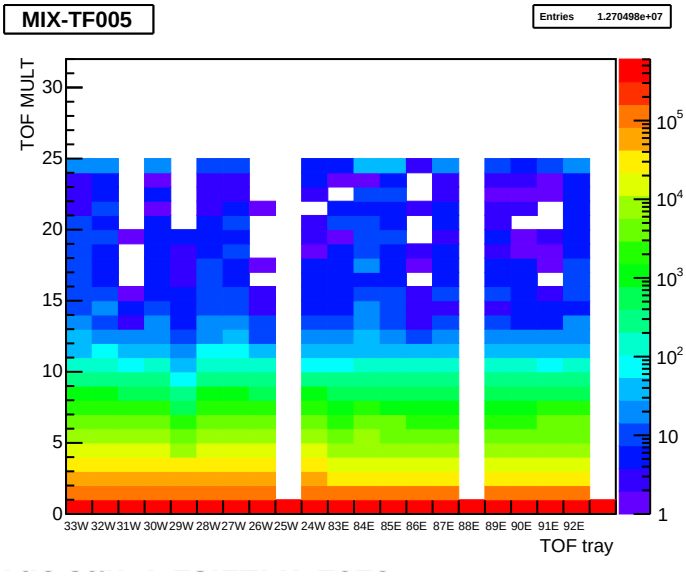

BunchId7Bit (TOFmult window)
Entries 17650

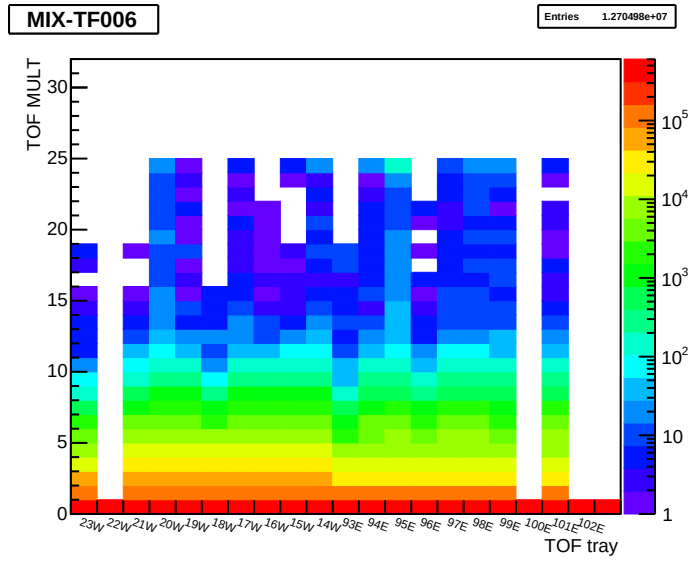

MIX-TF001
Entries 1.270498e+07
TOF MULT
TOF tray

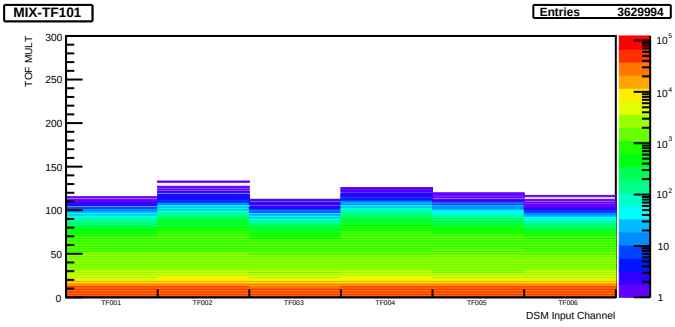

MIX-TF002
Entries 1.270498e+07
TOF MULT
TOF tray

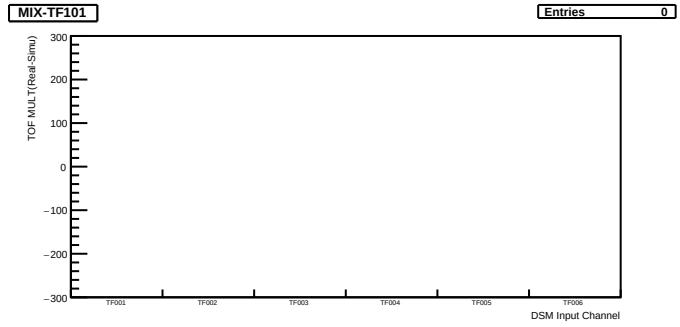

MIX-TF003
Entries 1.270498e+07
TOF MULT
TOF tray

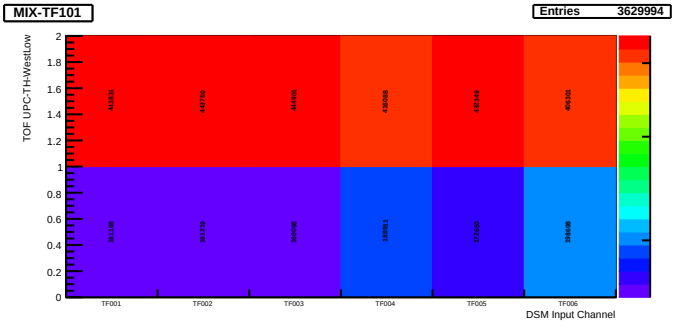

MIX-TF004
Entries 1.270498e+07
TOF MULT
TOF tray

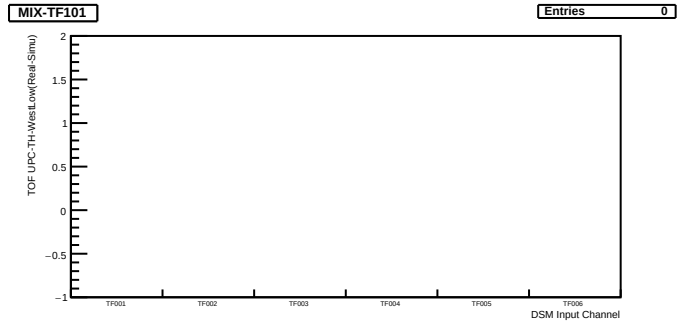

MIX-TF005
Entries 1.270498e+07
TOF MULT
TOF tray

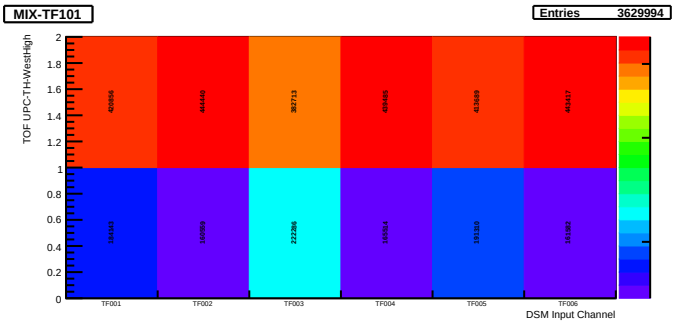

MIX-TF006
Entries 1.270498e+07
TOF MULT
TOF tray

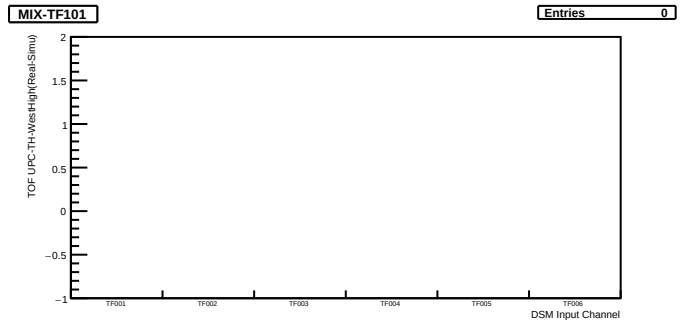

MIX-TF101
Entries 3629994
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

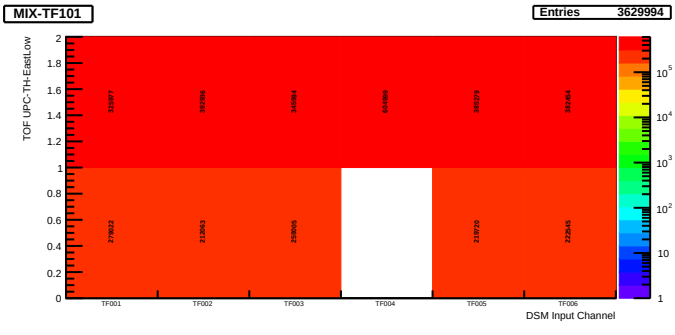

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

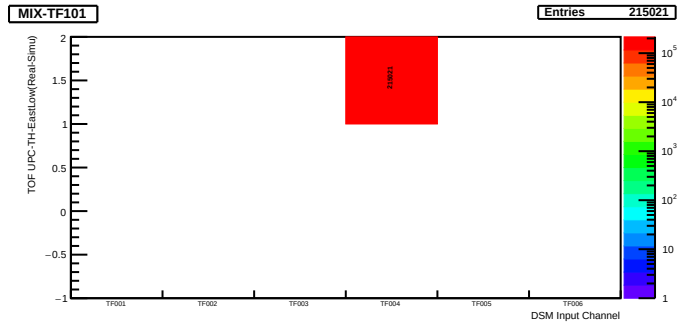

MIX-TF101
Entries 3629994
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

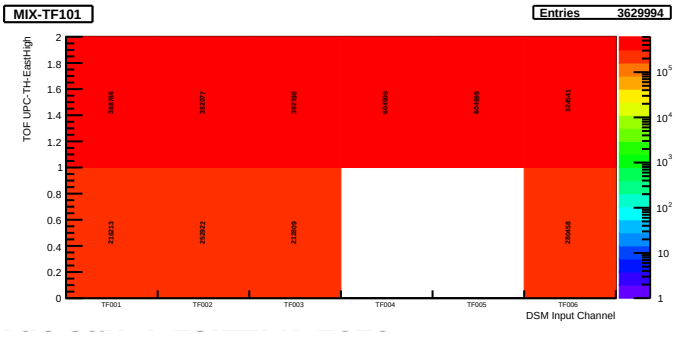

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

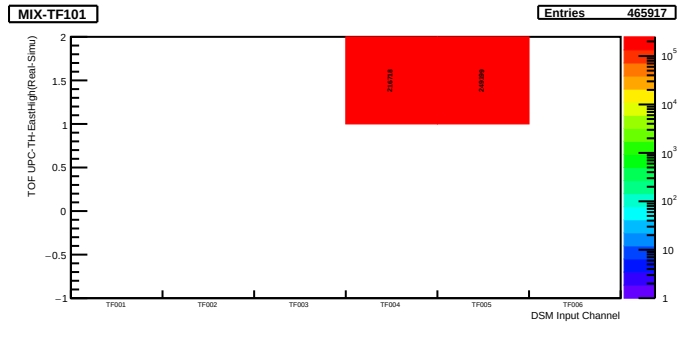

MIX-TF101
Entries 3629994
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

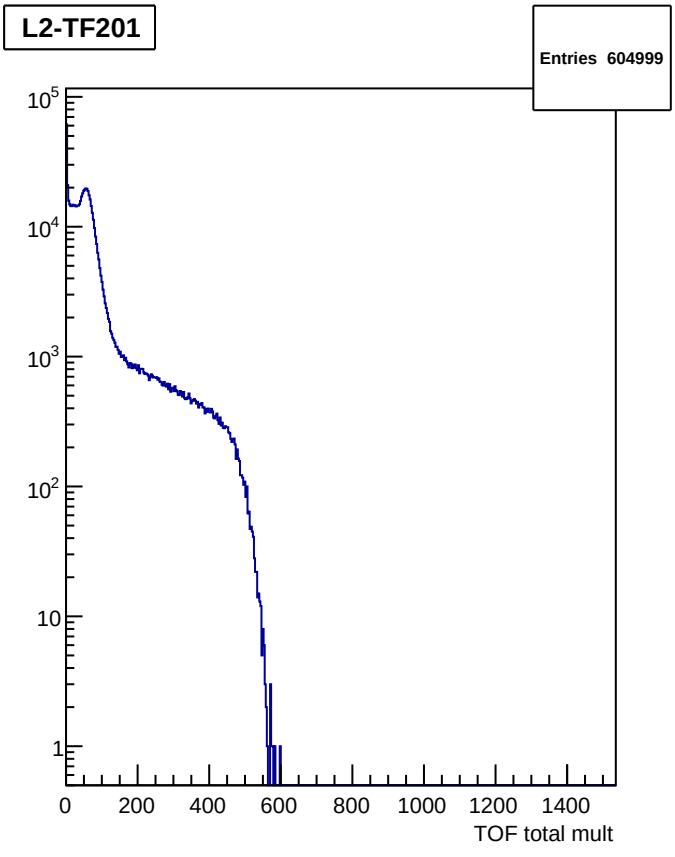

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

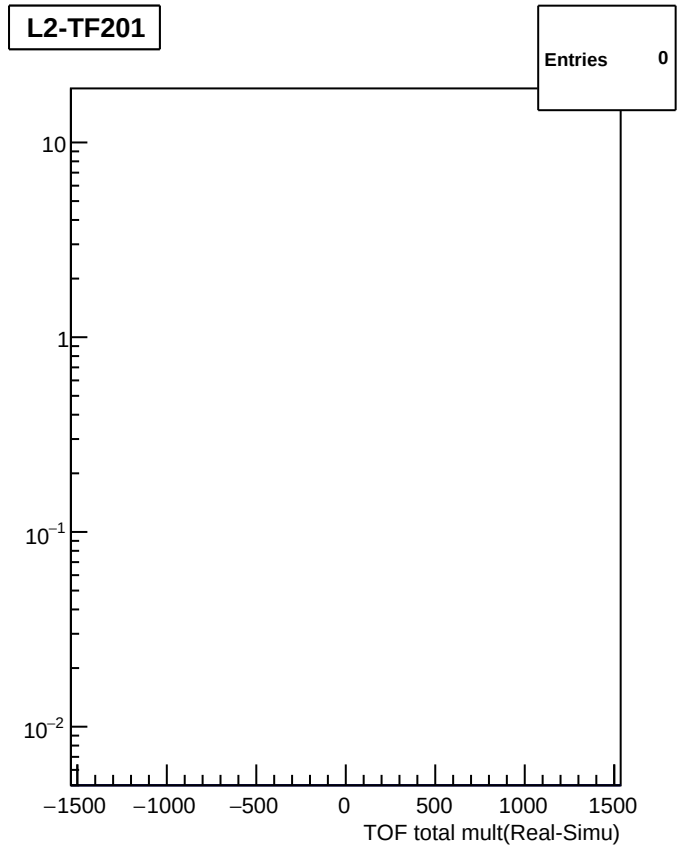

MIX-TF101
Entries 3629994
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

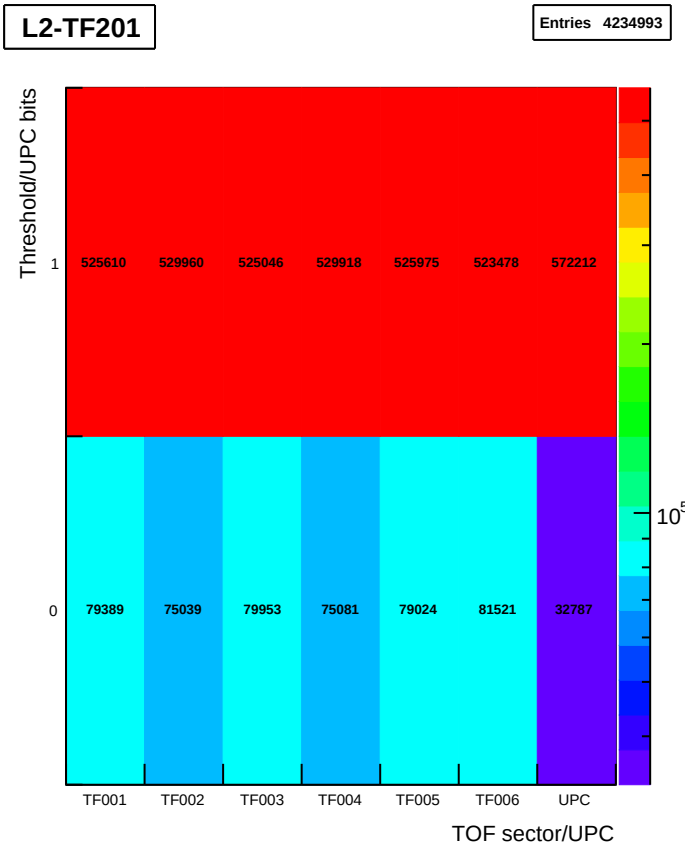

MIX-TF101
Entries 215021
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

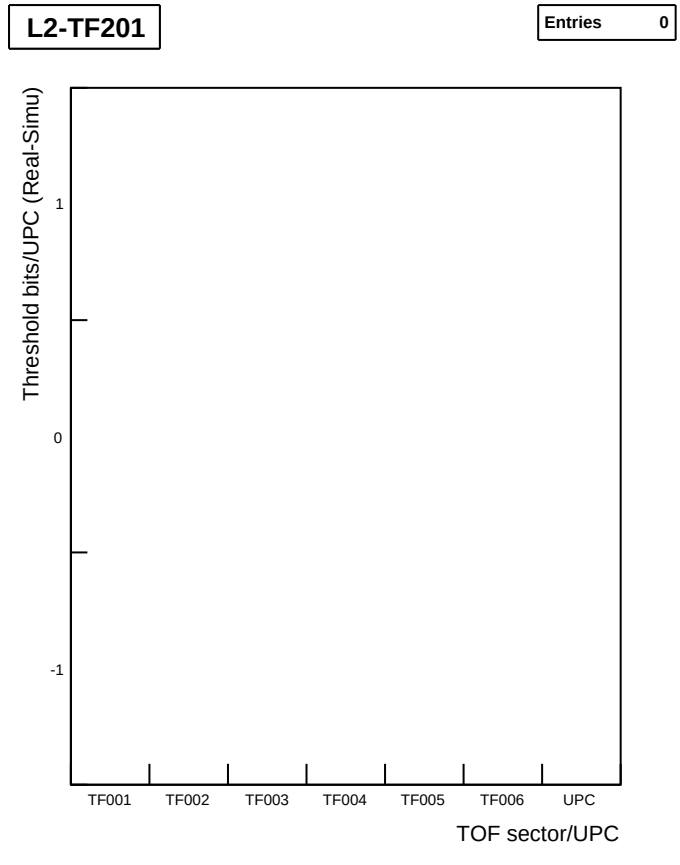

MIX-TF101
Entries 3629994
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

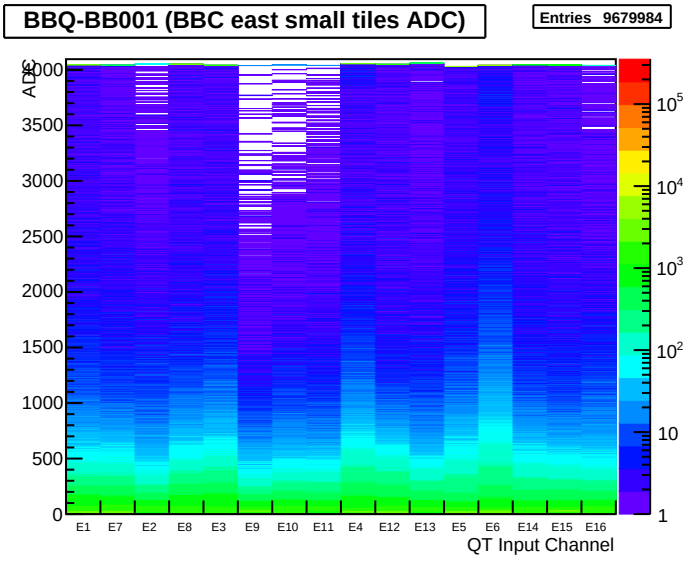

MIX-TF101
Entries 465917
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

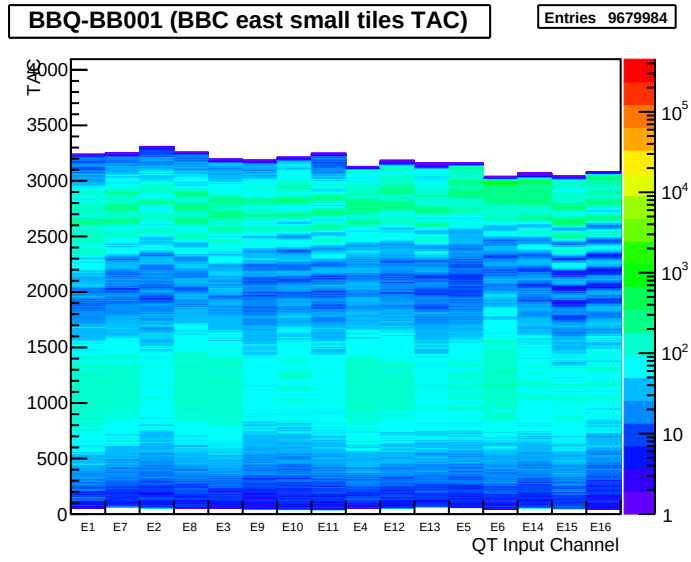

L2-TF201
Entries 604999
TOF total mult

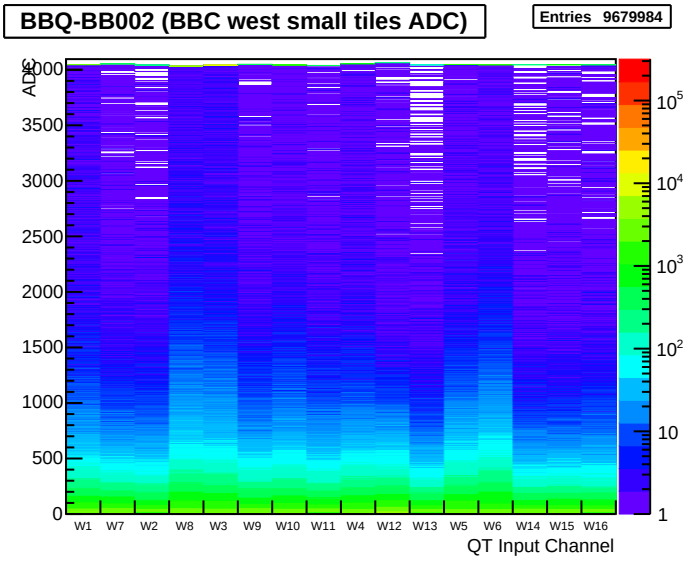

L2-TF201
Entries 0
TOF total mult(Real-Simu)

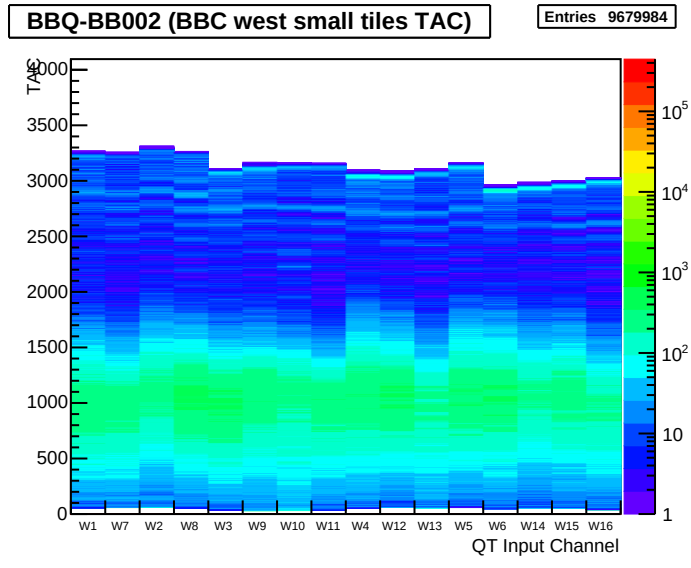

L2-TF201
Entries 4234993
Threshold/UPC bits
525610 529960 525046 529918 525975 523478 572212
79389 75039 79953 75081 79024 81521 32787
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

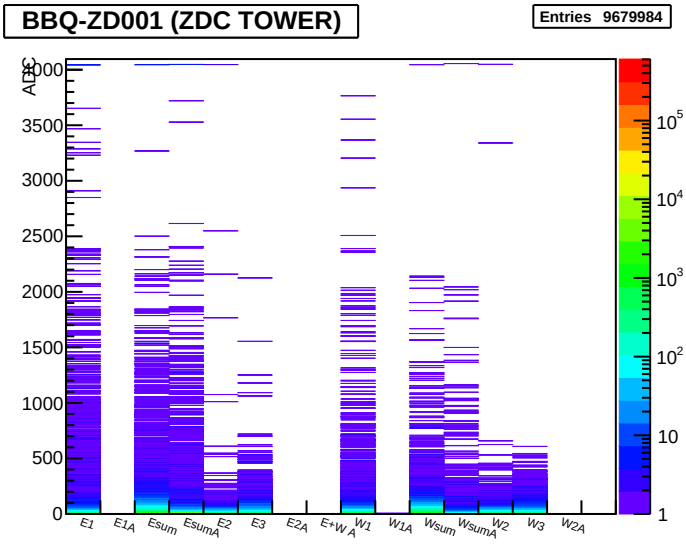

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

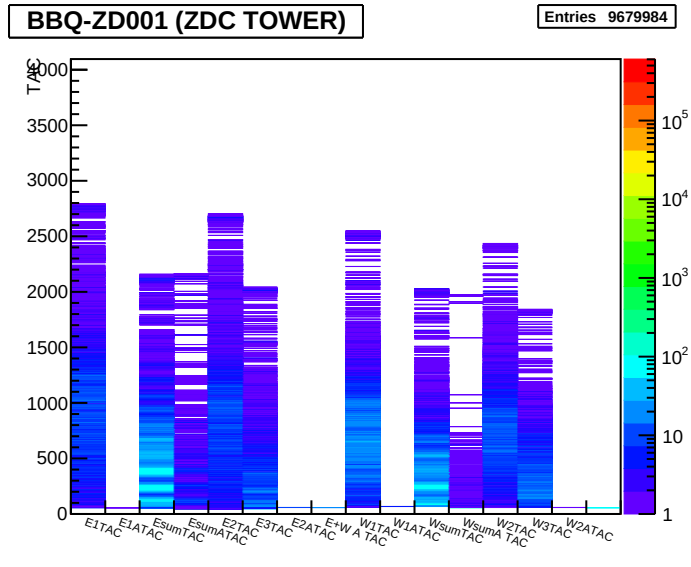

BBQ-BB001 (BBC east small tiles ADC)
Entries 9679984
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

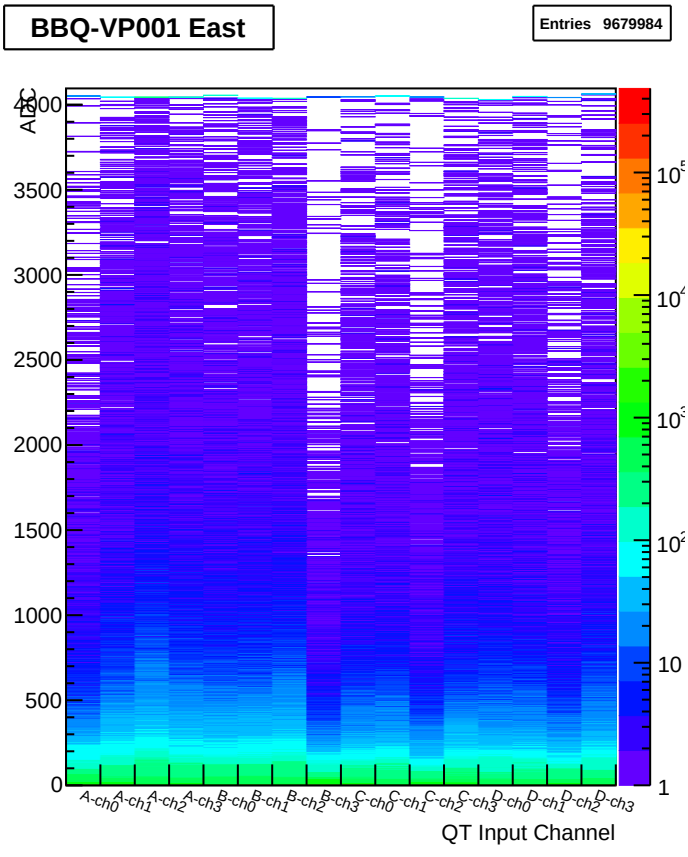

BBQ-BB001 (BBC east small tiles TAC)
Entries 9679984
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

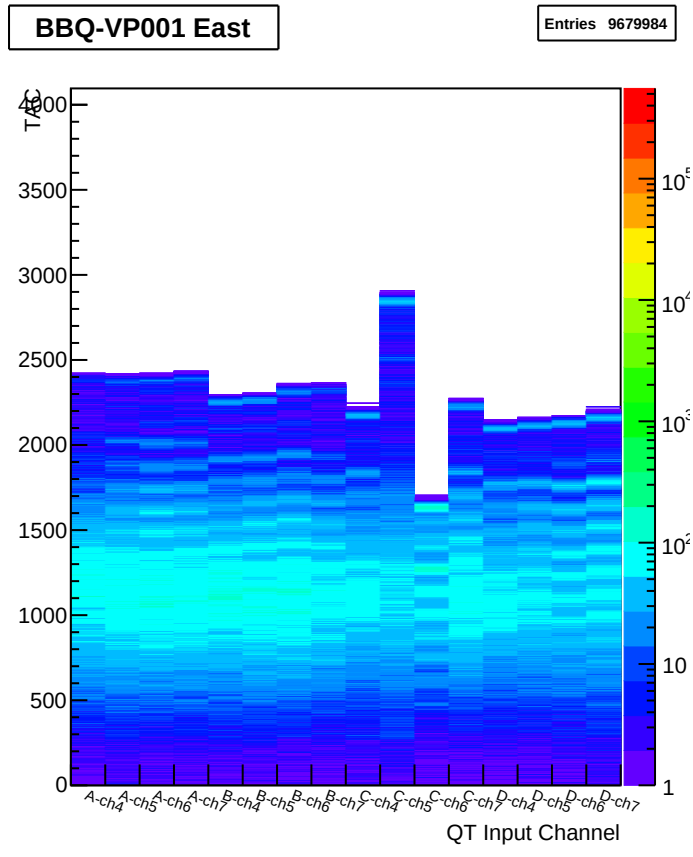

BBQ-BB002 (BBC west small tiles ADC)
Entries 9679984
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

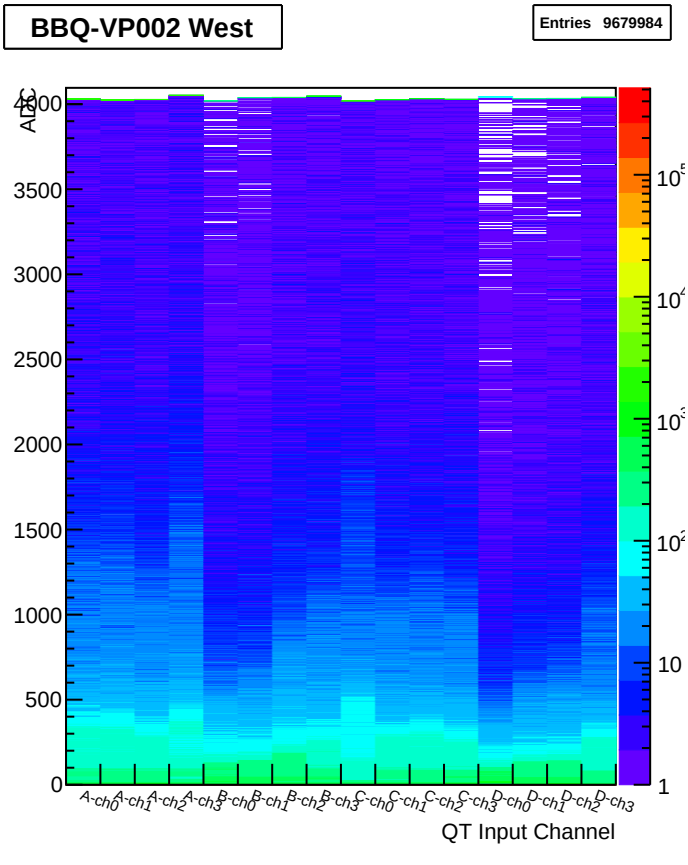

BBQ-BB002 (BBC west small tiles TAC)
Entries 9679984
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

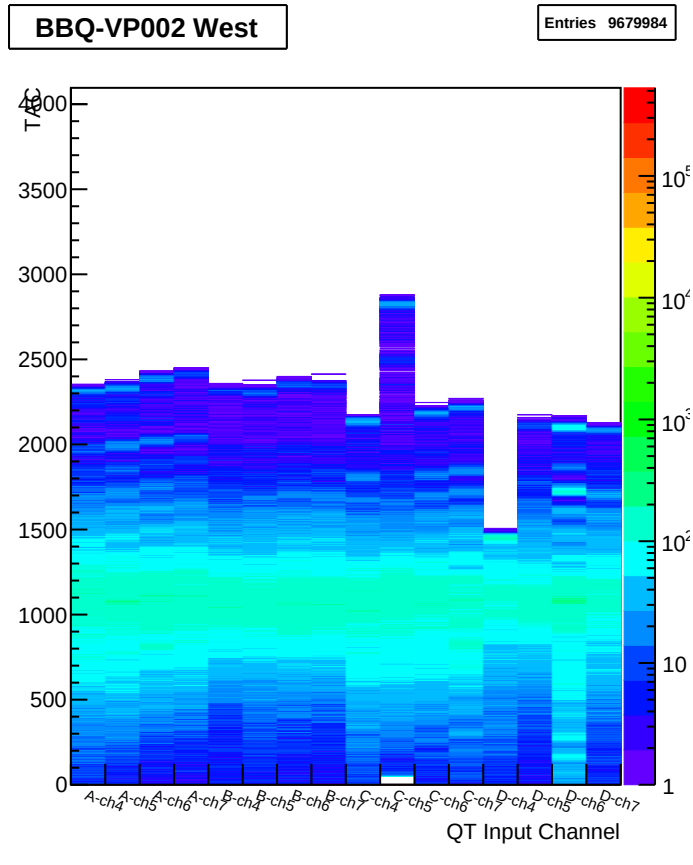

BBQ-ZD001 (ZDC TOWER)
Entries 9679984
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

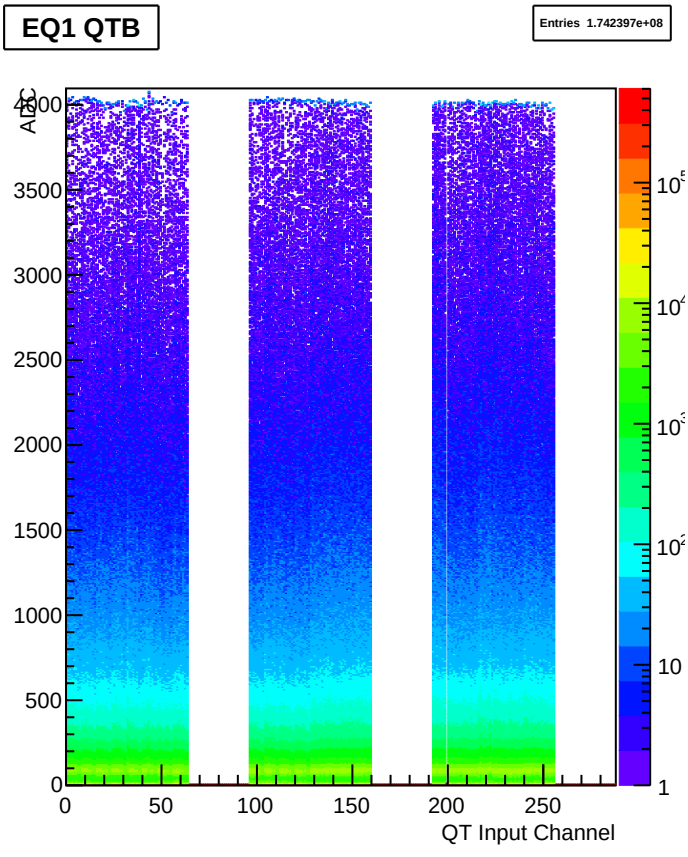

BBQ-ZD001 (ZDC TOWER)
Entries 9679984
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

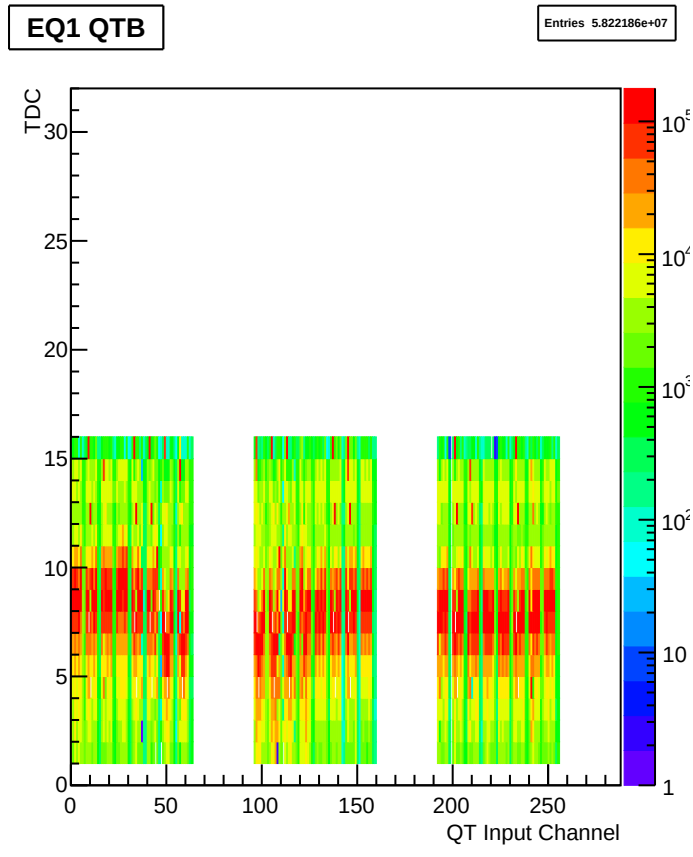

BBQ-VP001 East
Entries 9679984
ADC
QT Input Channel

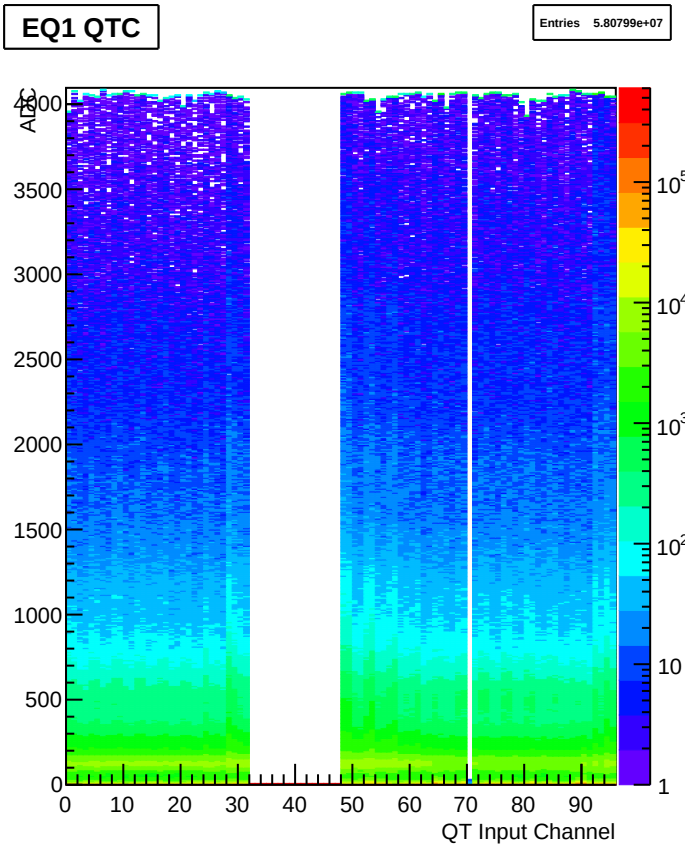

BBQ-VP001 East
Entries 9679984
TADC
QT Input Channel

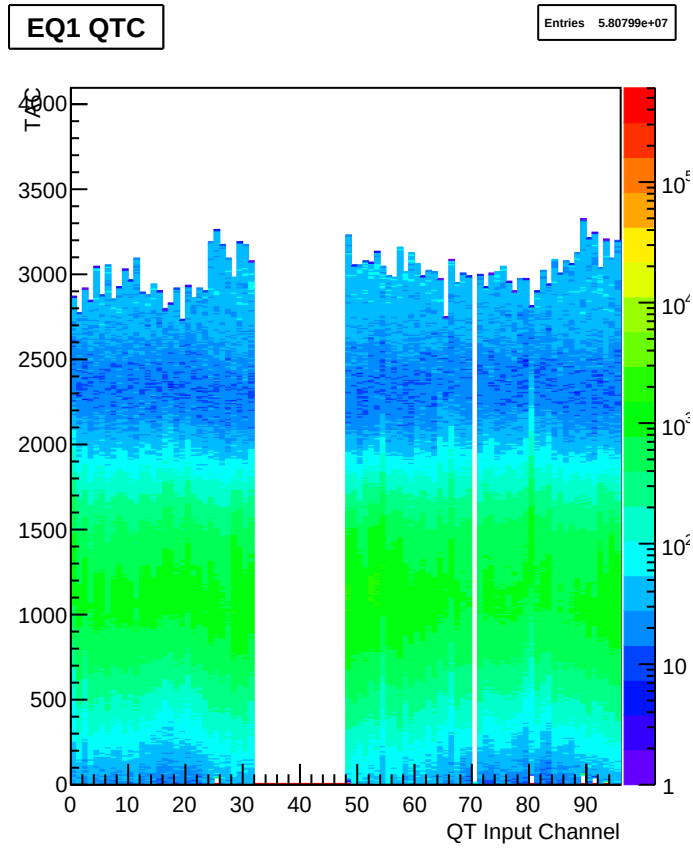

BBQ-VP002 West
Entries 9679984
ADC
QT Input Channel

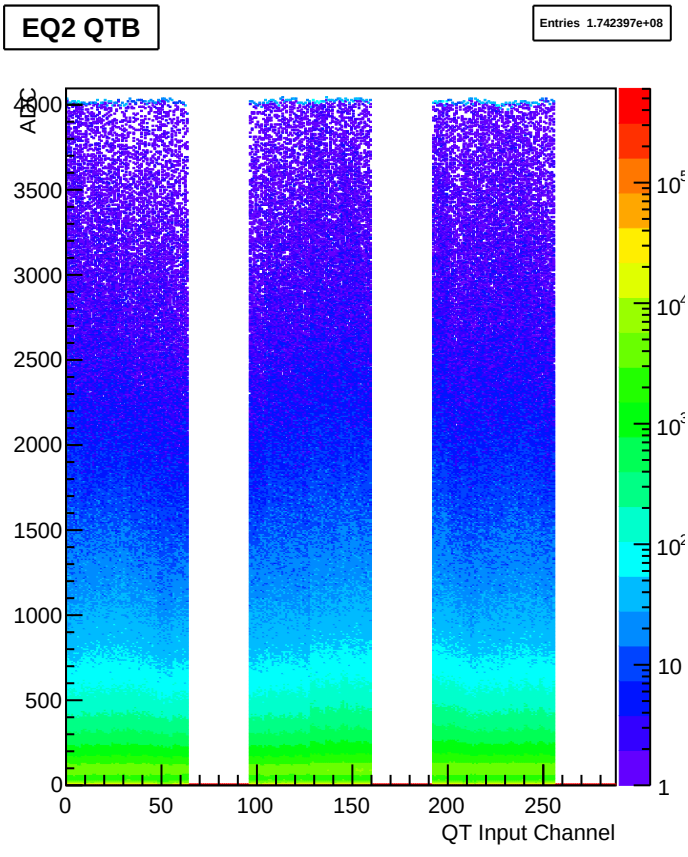

BBQ-VP002 West
Entries 9679984
TADC
QT Input Channel

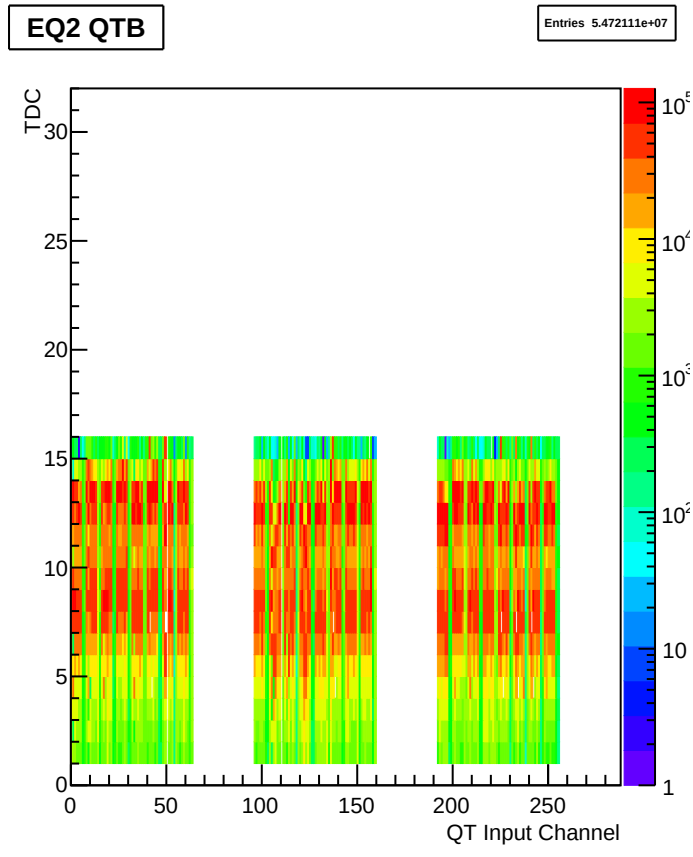

EQ1 QTB
Entries 1.742397e+08
ADC
QT Input Channel

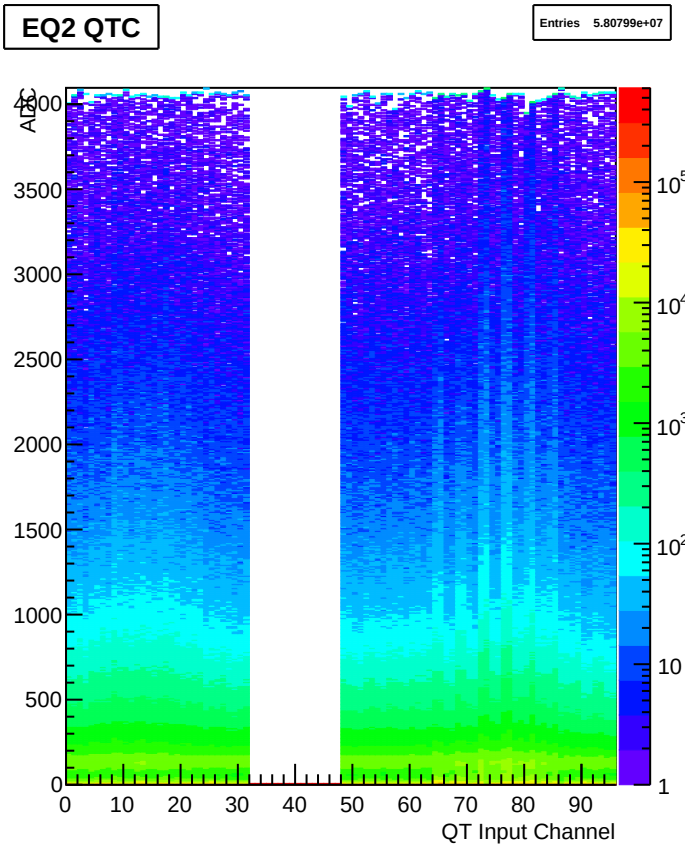

EQ1 QTB
Entries 5.822186e+07
TDC
QT Input Channel

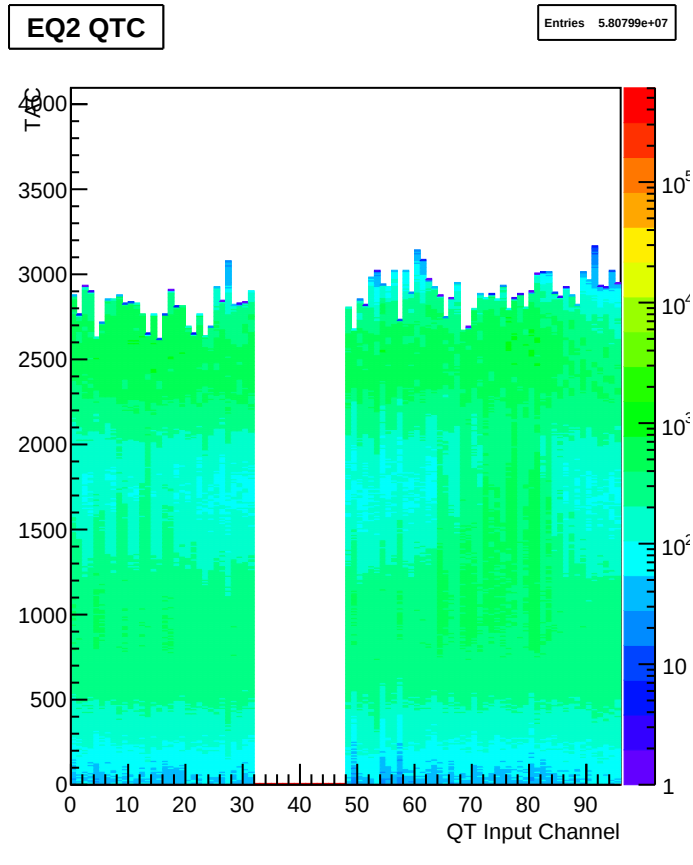

EQ1 QTC
Entries 5.80799e+07
ADC
QT Input Channel

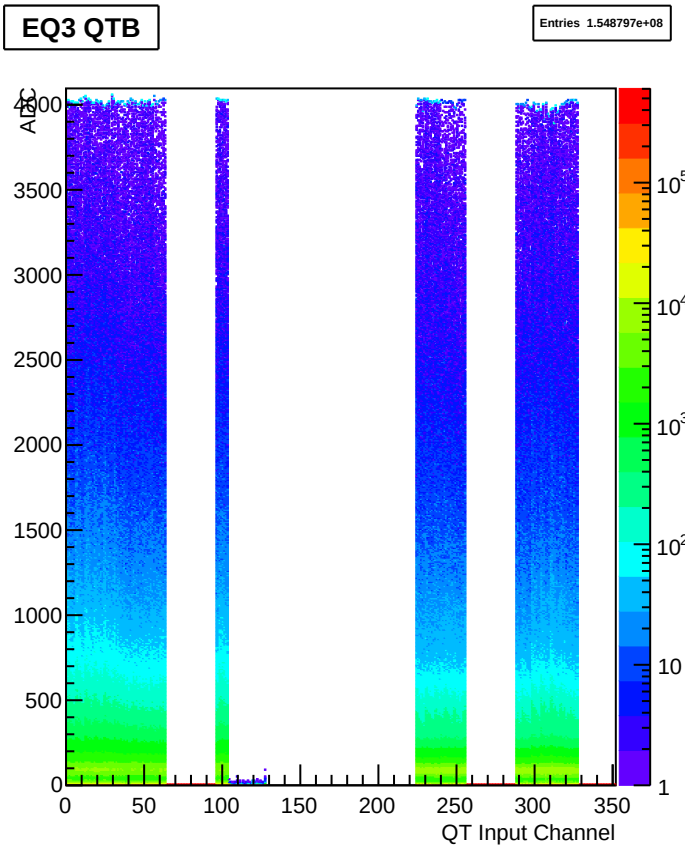

EQ1 QTC
Entries 5.80799e+07
TADC
QT Input Channel

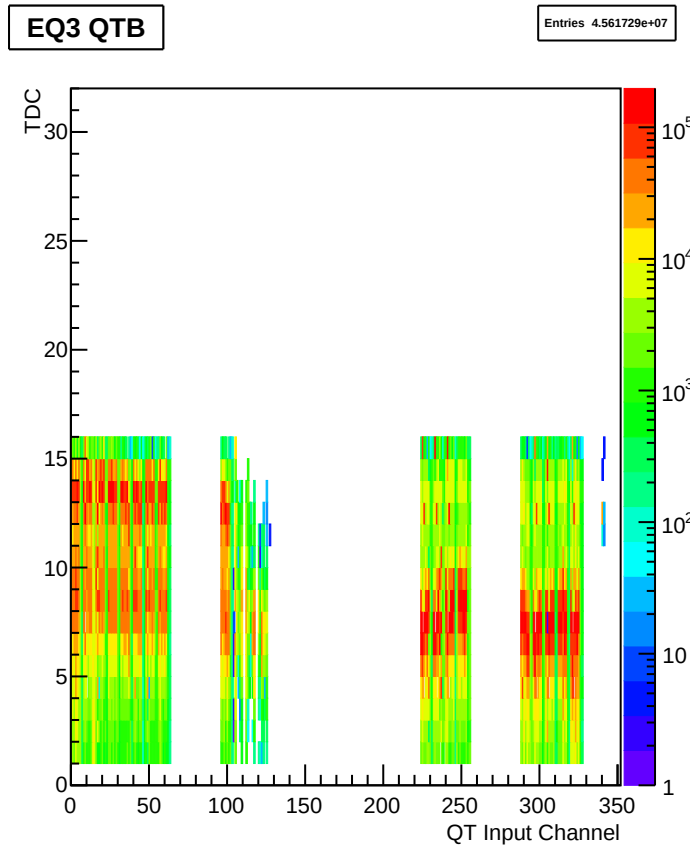

EQ2 QTB
Entries 1.742397e+08
ADC
QT Input Channel

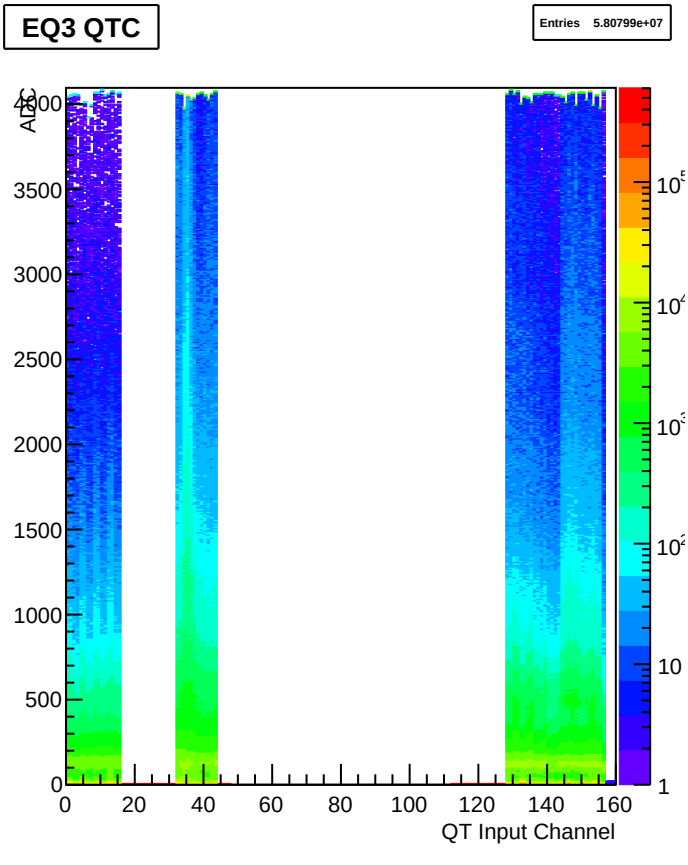

EQ2 QTB
Entries 5.472111e+07
TDC
QT Input Channel

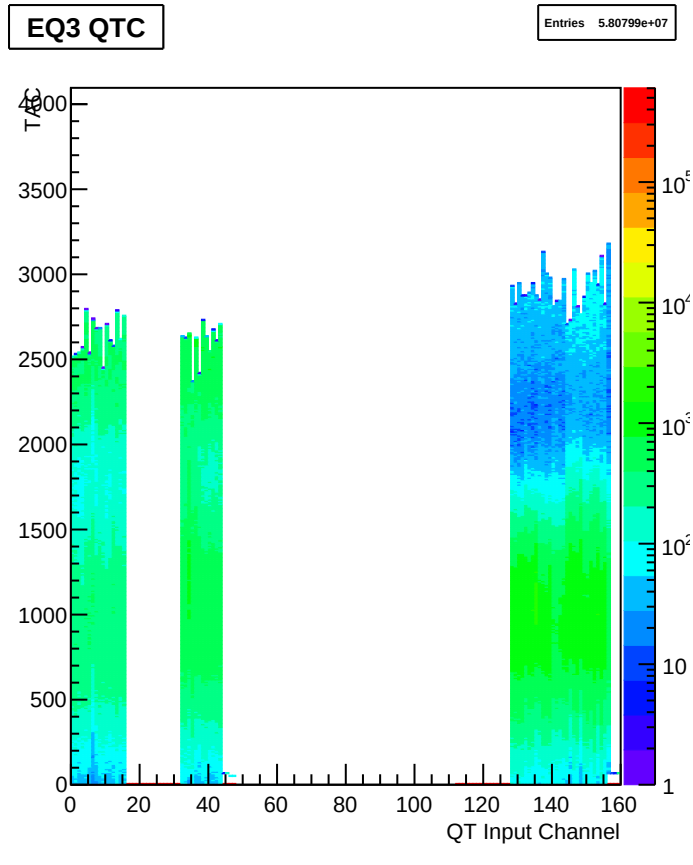

EQ2 QTC
Entries 5.80799e+07
ADC
QT Input Channel

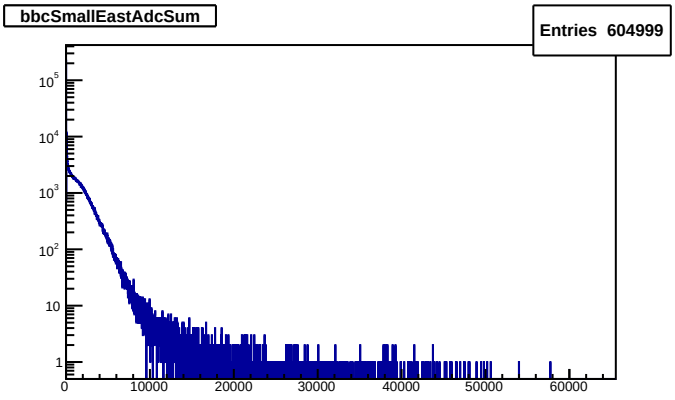

EQ2 QTC
Entries 5.80799e+07
TADC
QT Input Channel

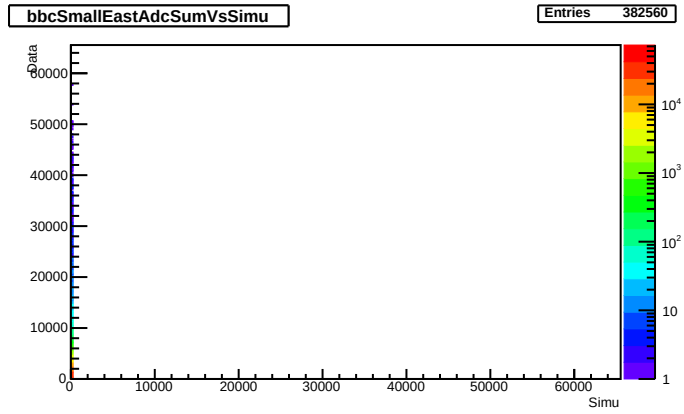

EQ3 QTB
Entries 1.548797e+08
ADC
QT Input Channel

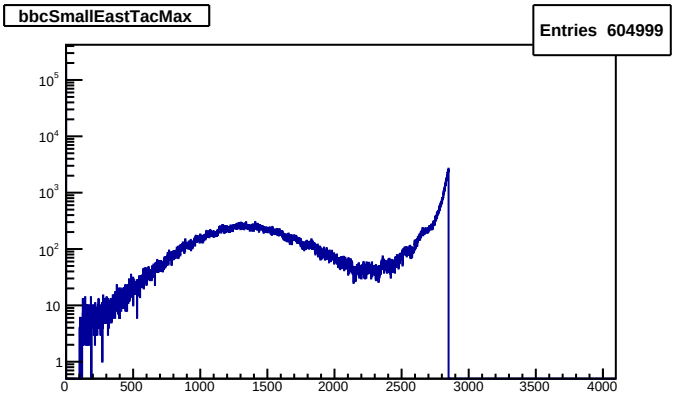

EQ3 QTB
Entries 4.561729e+07
TDC
QT Input Channel

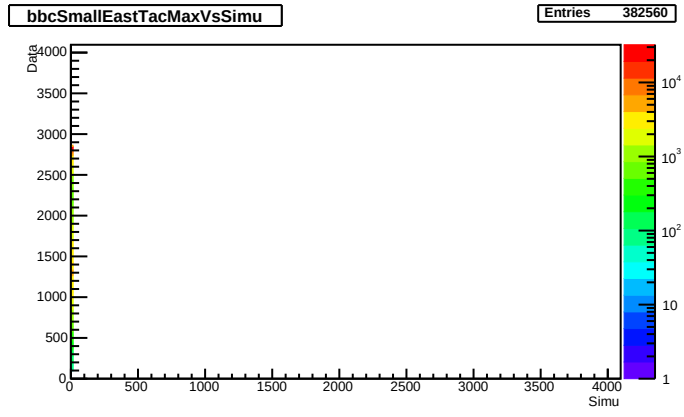

EQ3 QTC
Entries 5.80799e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.80799e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 604999


bbcSmallEastAdcSumVsSimu
Entries 382560
Data
Simu


bbcSmallEastTacMax
Entries 604999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Entries 382560
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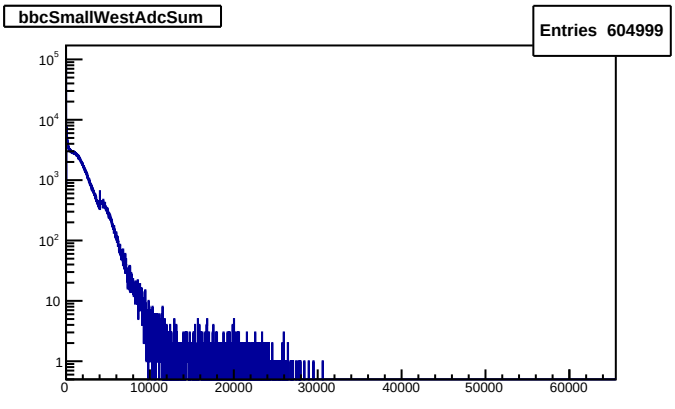
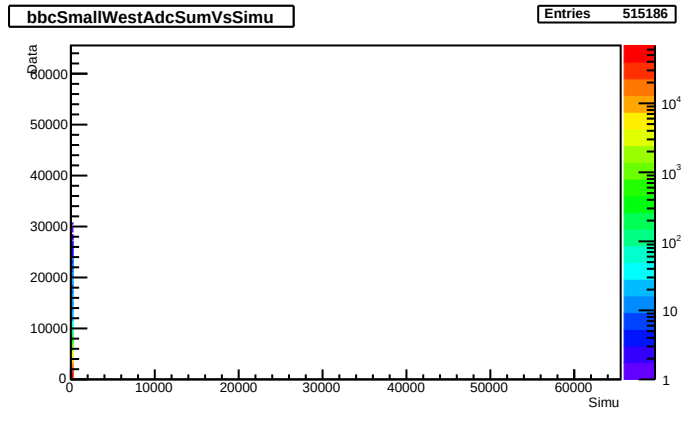
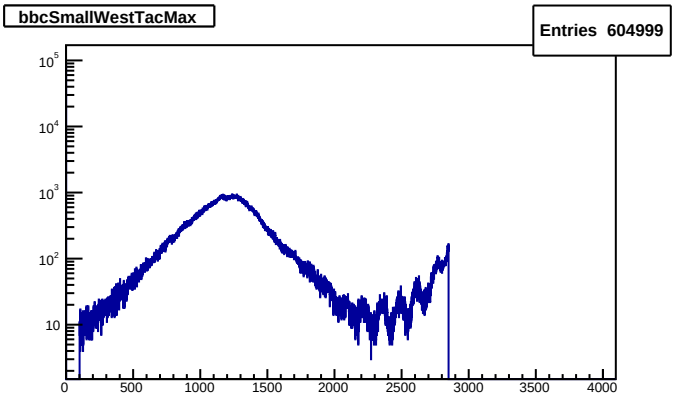

bbcSmallWestAdcSum
Entries 604999


bbcSmallWestAdcSumVsSimu
Entries 515186
Data
Simu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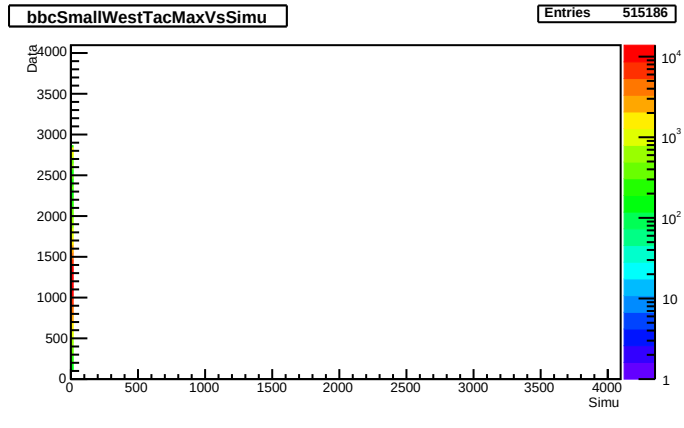
Entries 604999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Entries 515186
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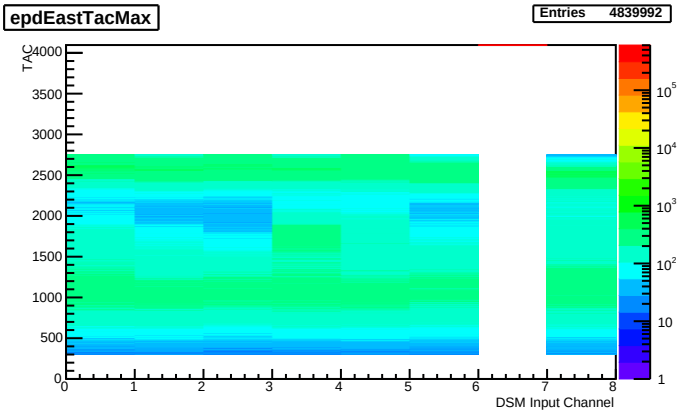
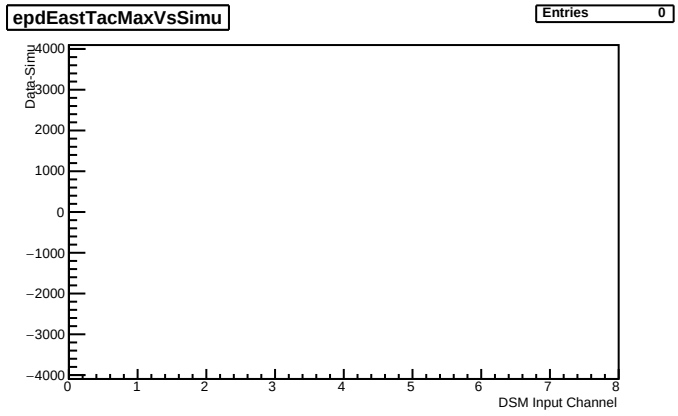
Simu


epdEastTacMax
Entries 4839992
TAC
DSM Input Channel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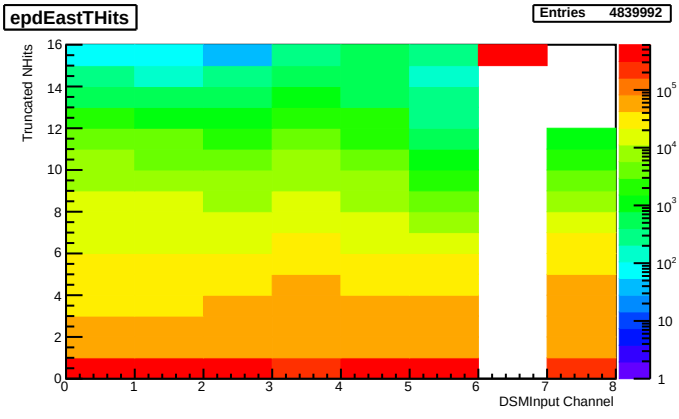
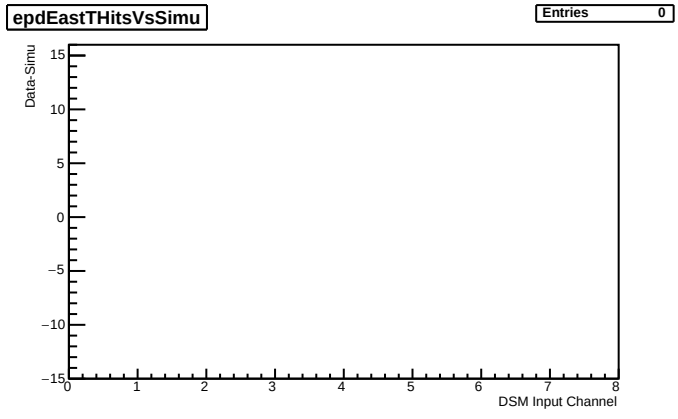
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4839992
Truncated NHits
DSMInput Channel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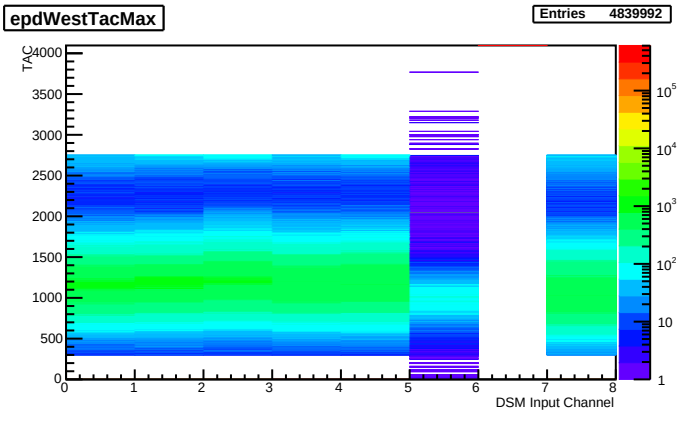
Data-Simu
DSM Input Channel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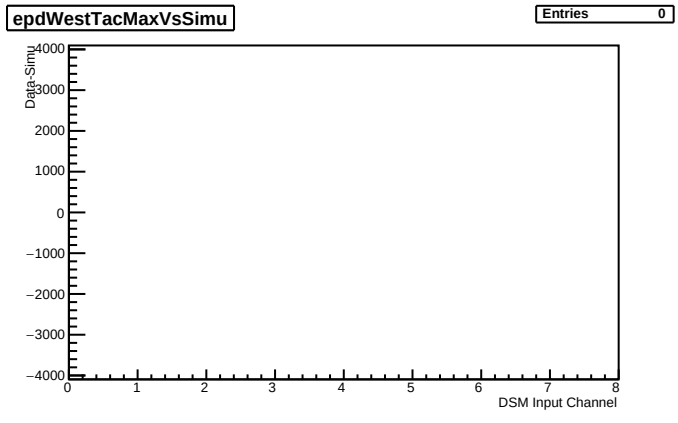
Entries 4839992
TAC
DSM Input Channel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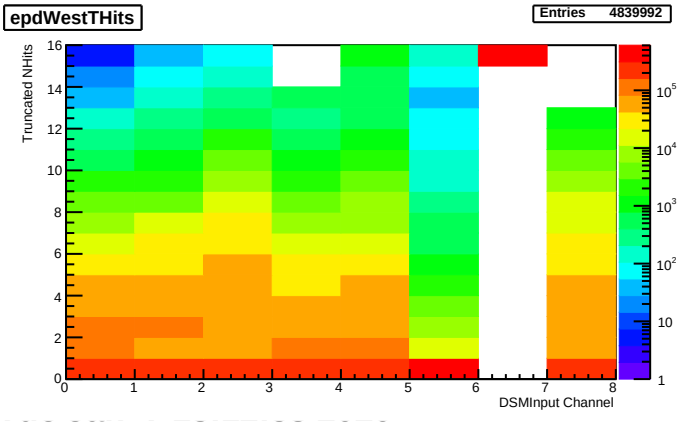
Entries 0
Data-Simu
DSM Input Channel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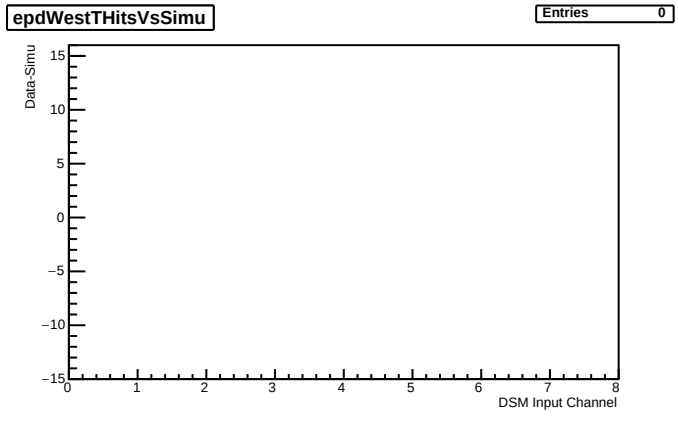
Entries 4839992
Truncated NHits
DSMInput Channel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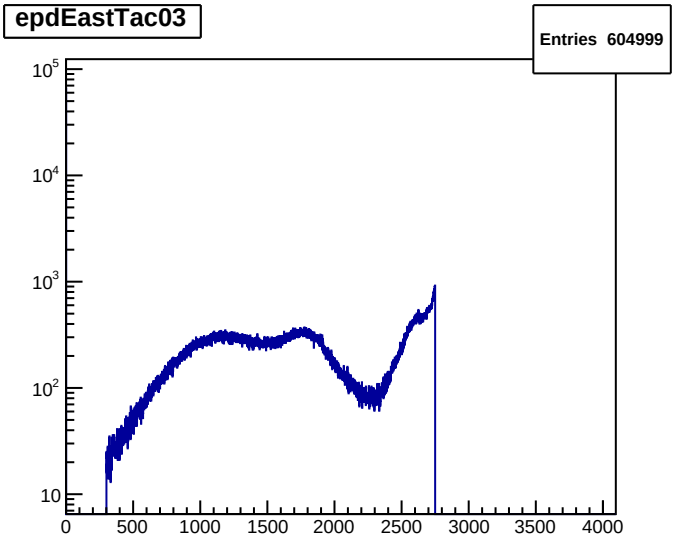
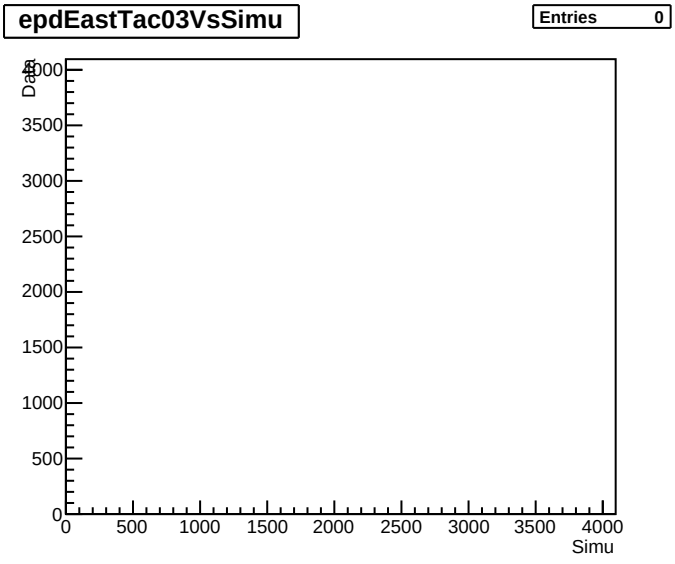
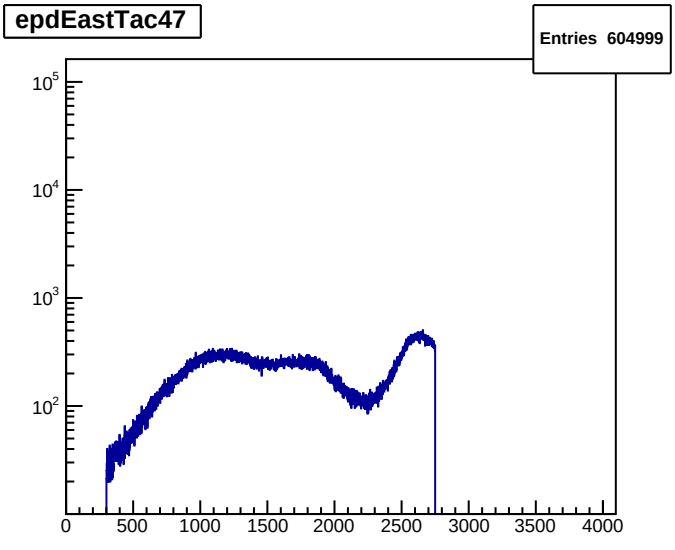
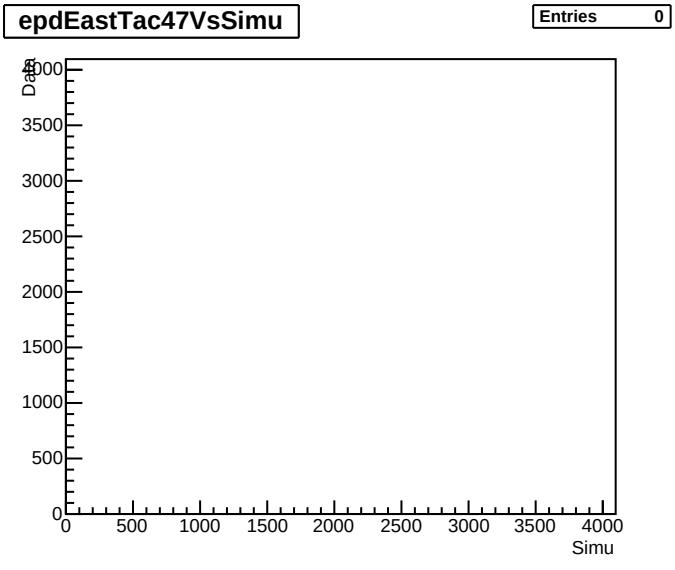
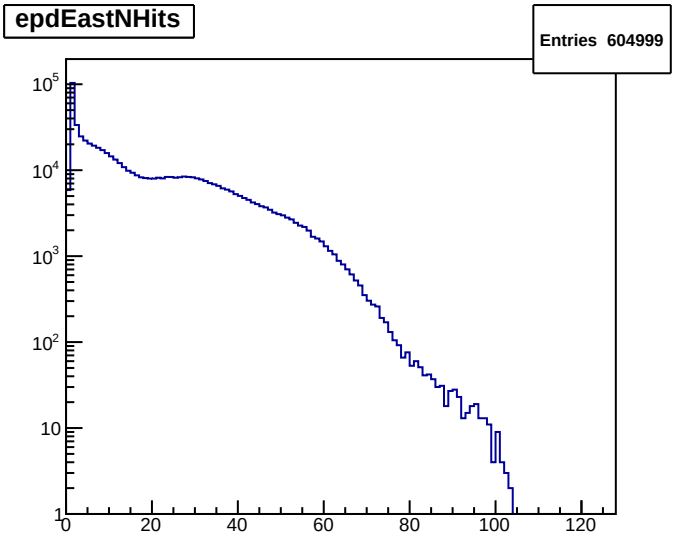
Entries 0
Data-Simu
DSM Input Channel

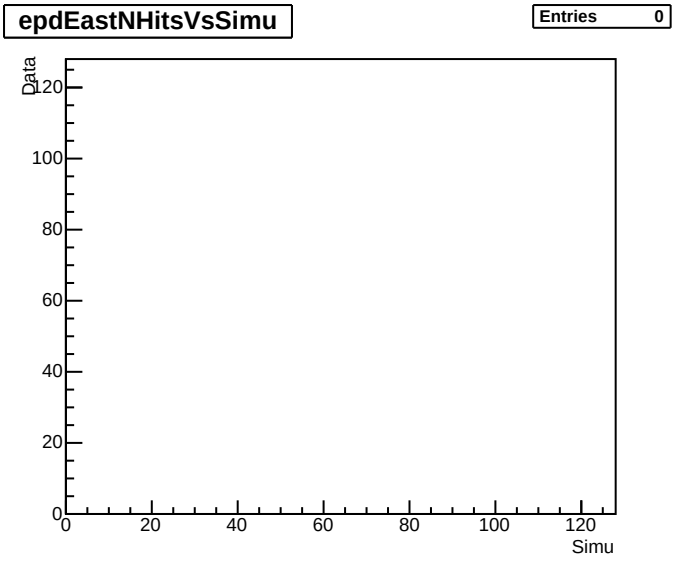

epdEastTac03
Entries 604999


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 604999


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 604999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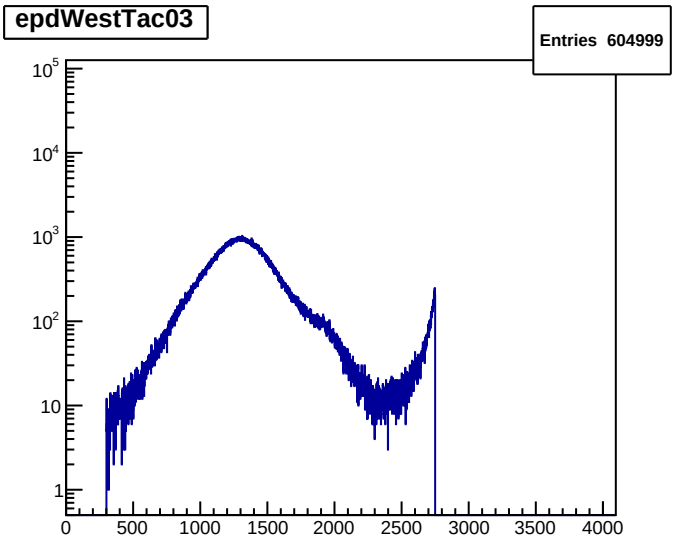
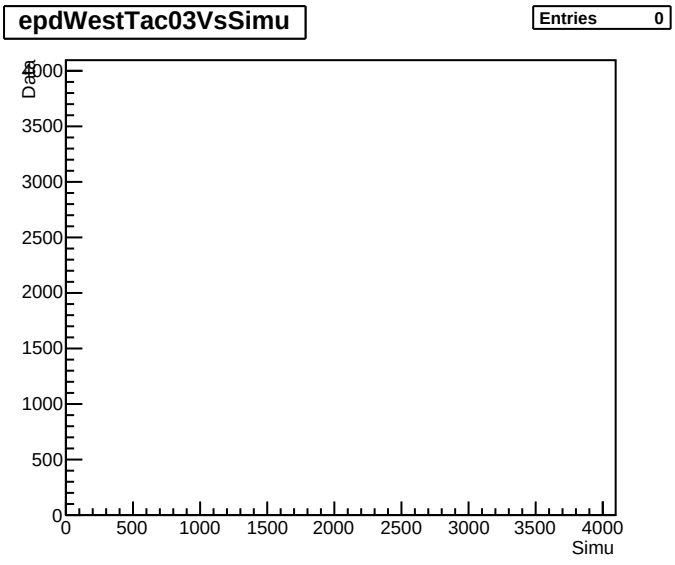
Entries 0
Data
Simu


epdWestTac03
Entries 604999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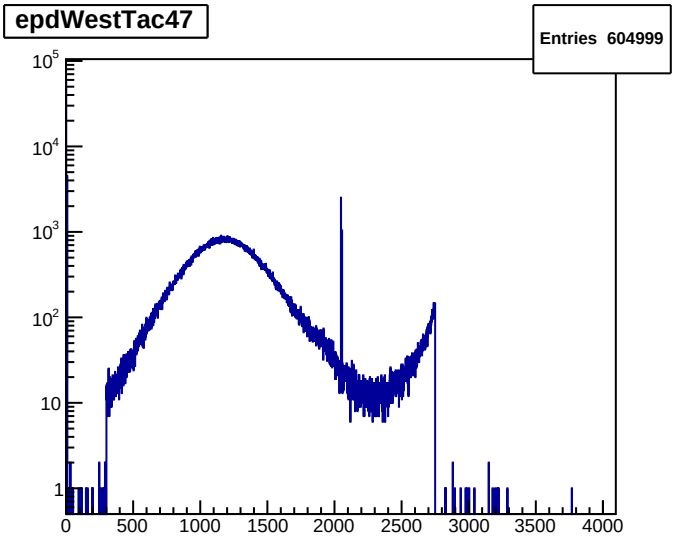
Entries 0
Data
Simu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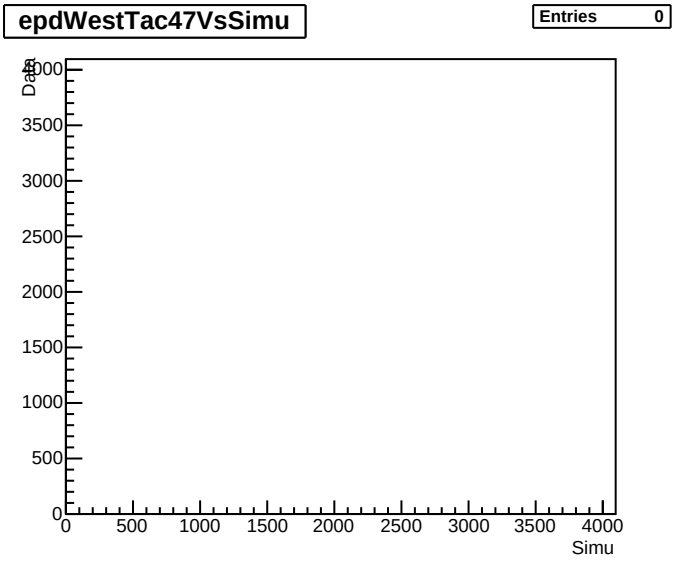
Entries 604999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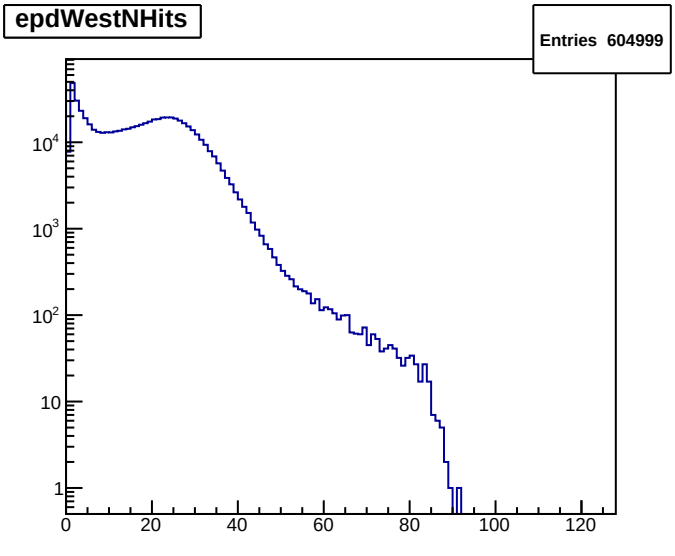
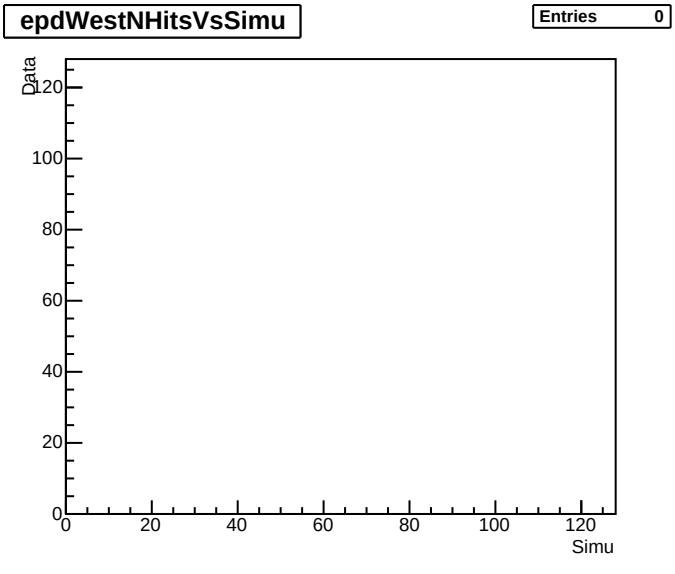
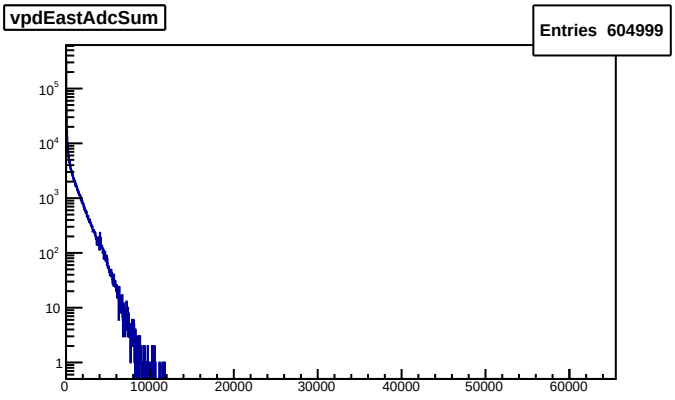
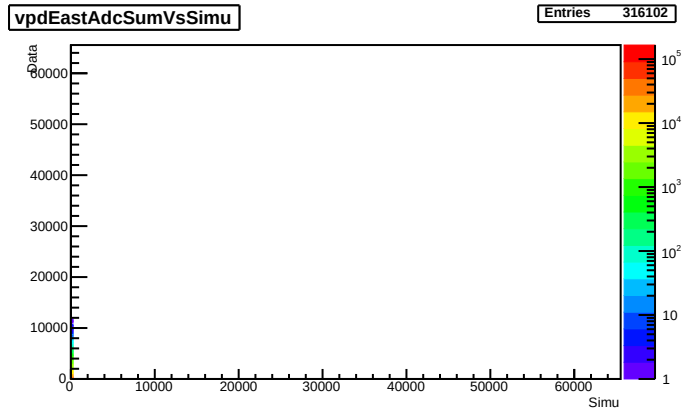
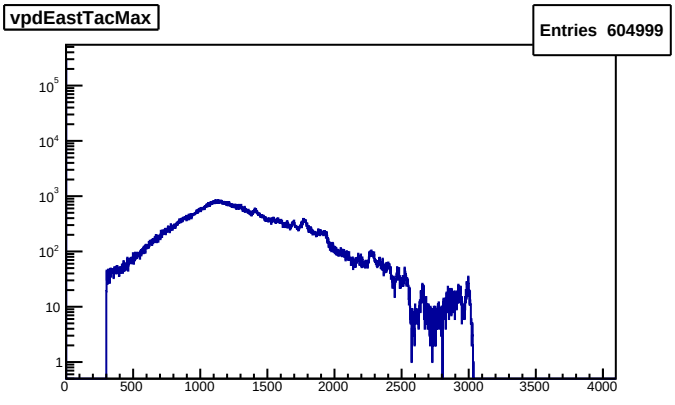
Entries 0
Data
Simu

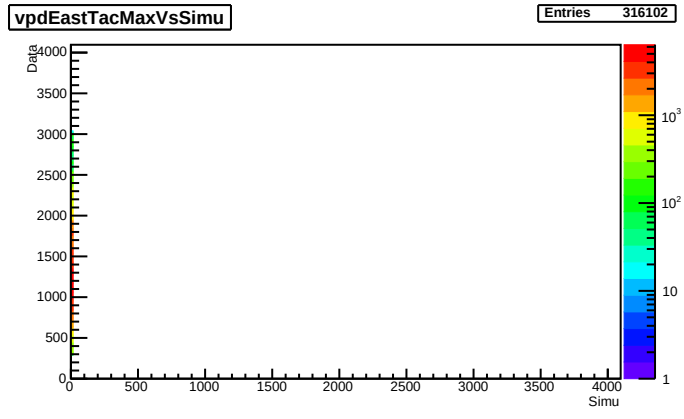

epdWestNHits
Entries 604999

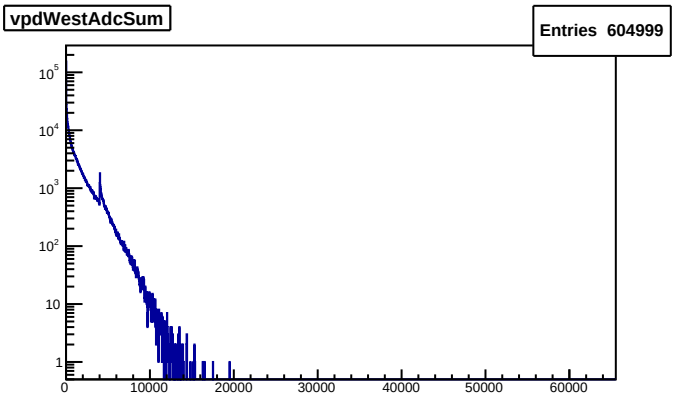

epdWestNHitsVsSimu
Entries 0
Data
Simu

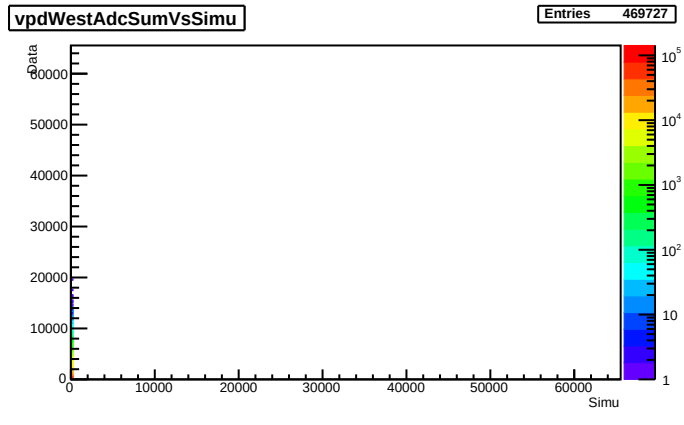

vpdEastAdcSum
Entries 604999

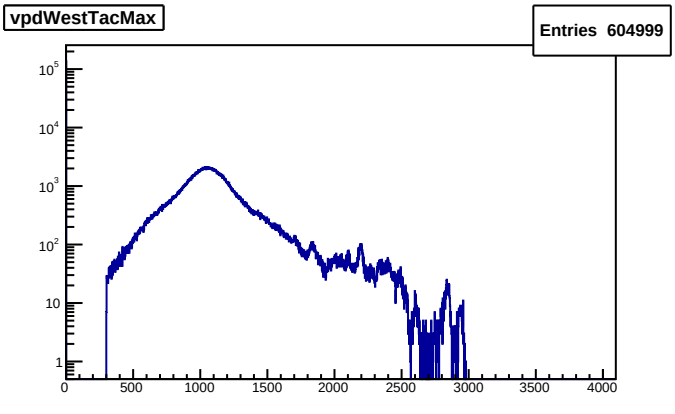

vpdEastAdcSumVsSimu
Entries 316102
Data
Simu

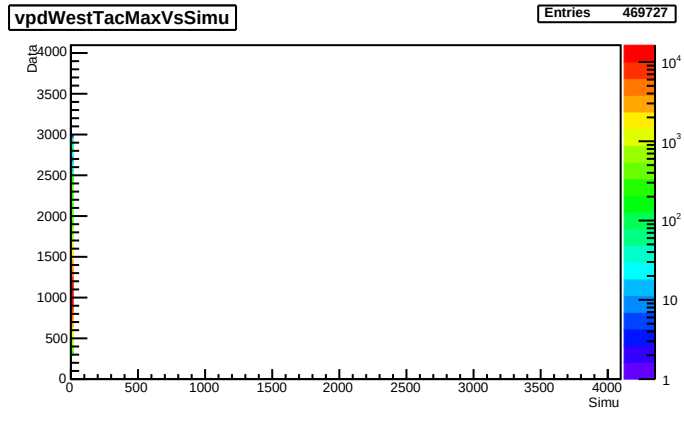

vpdEastTacMax
Entries 604999

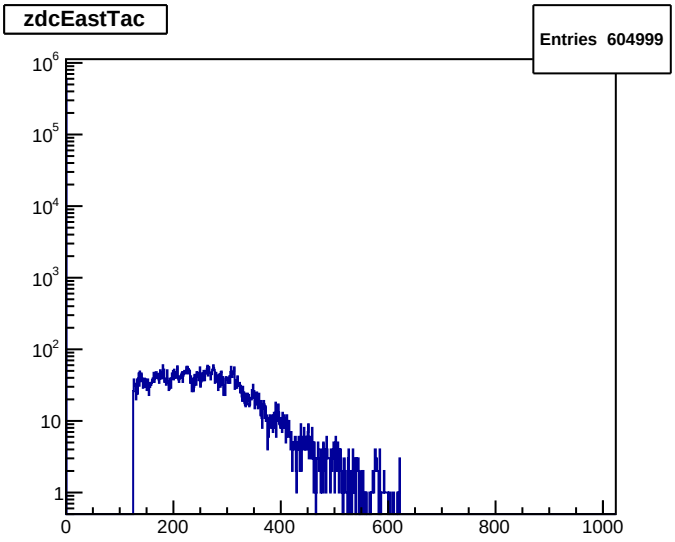

vpdEastTacMaxVsSimu
Entries 316102
Data
Simu

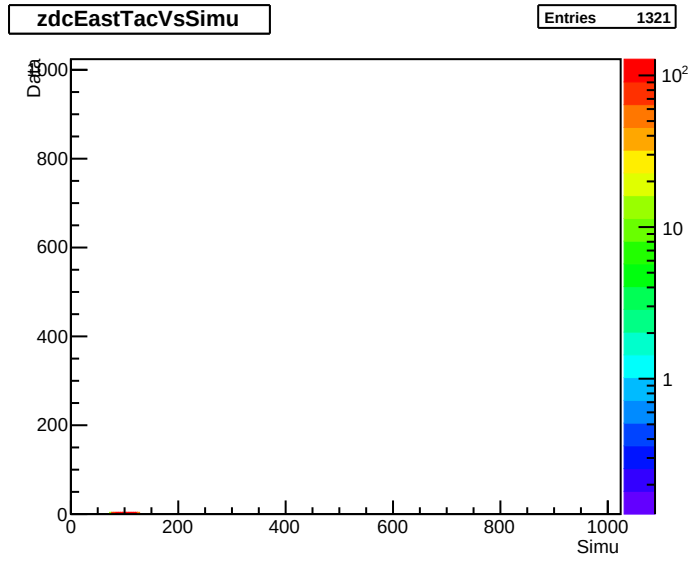

vpdWestAdcSum
Entries 604999

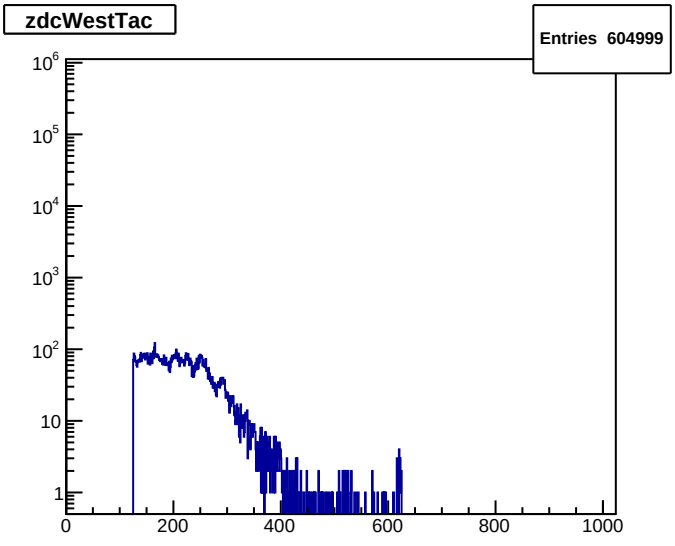

vpdWestAdcSumVsSimu
Entries 469727
Data
Simu

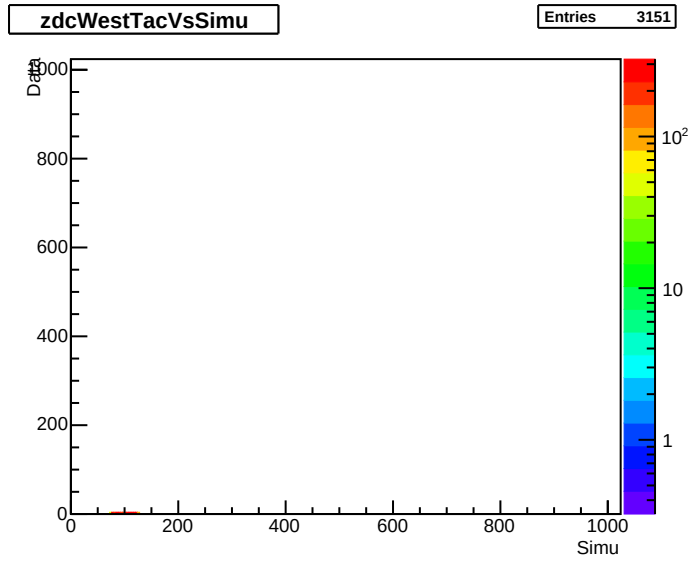

vpdWestTacMax
Entries 604999

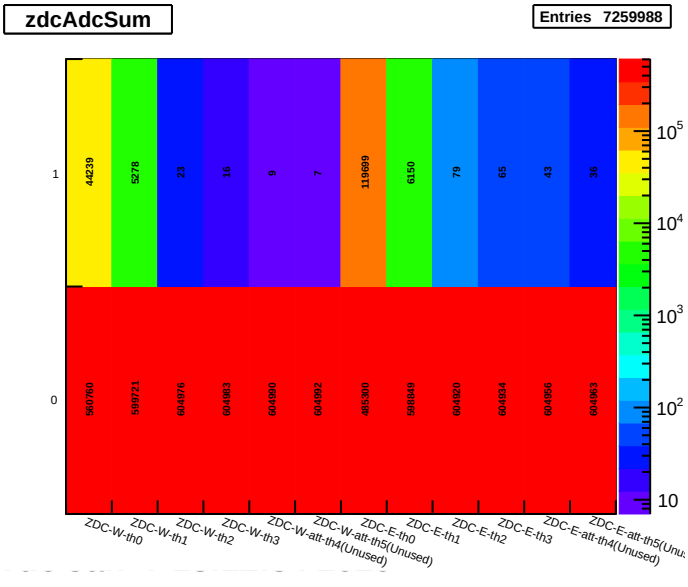

vpdWestTacMaxVsSimu
Entries 469727
Data
Simu

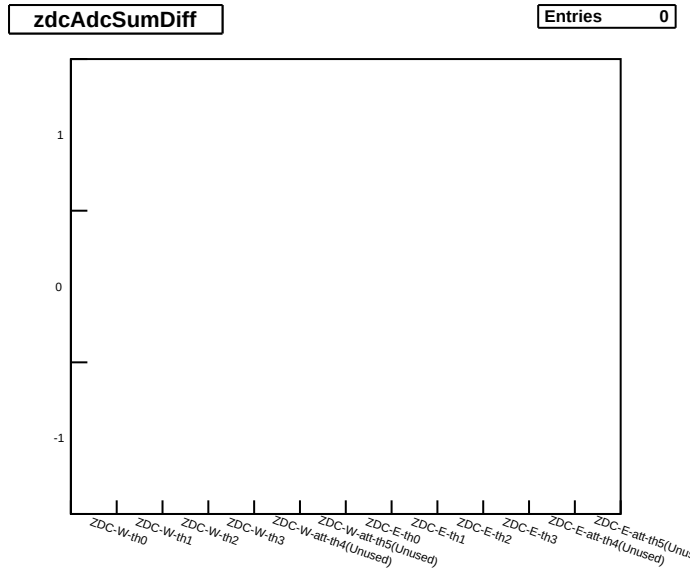

zdcEastTac
Entries 604999

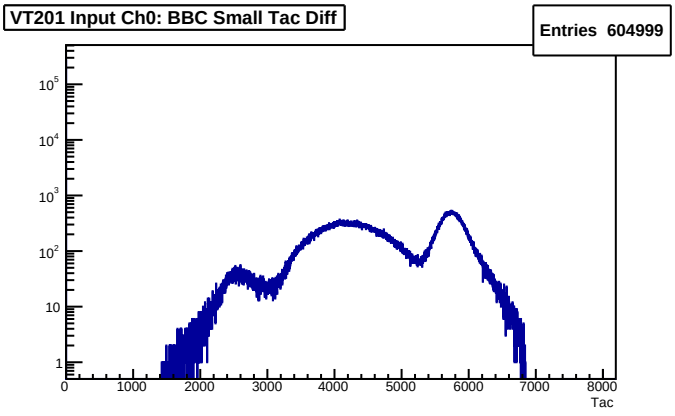

zdcEastTacVsSimu
Entries 1321
Data
Simu

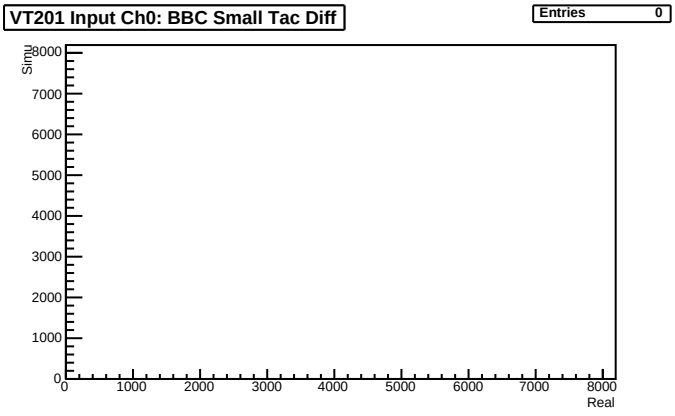

zdcWestTac
Entries 604999

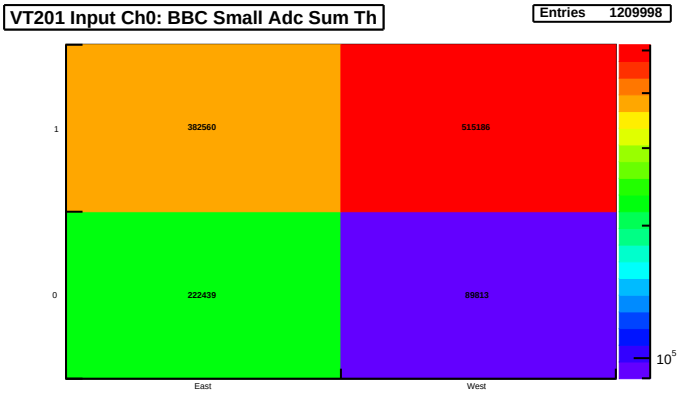

zdcWestTacVsSimu
Entries 3151
Data
Simu

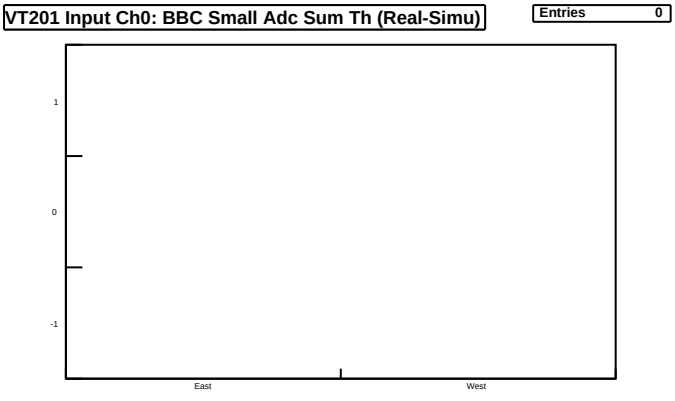

zdcAdcSum
Entries 7259988
44239
5278
23
16
9
7
119699
6150
79
65
43
36
560760
599721
604976
604983
604990
604992
485300
598849
604920
604934
604956
604983
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

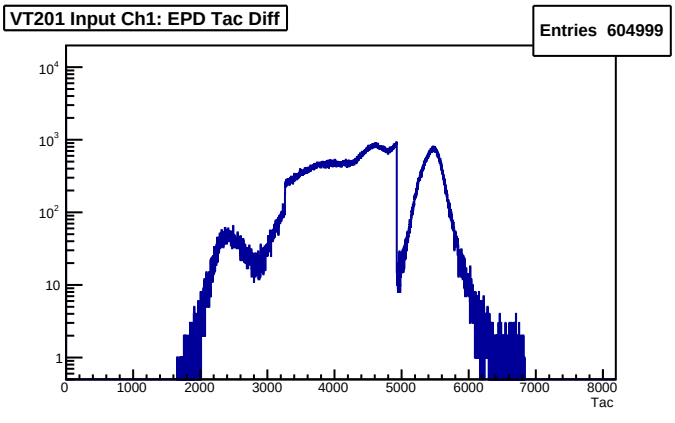

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

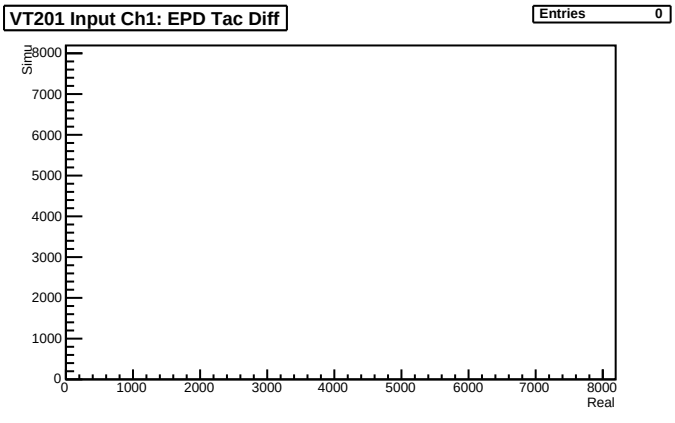

VT201 Input Ch0: BBC Small Tac Diff
Entries 604999
Tac

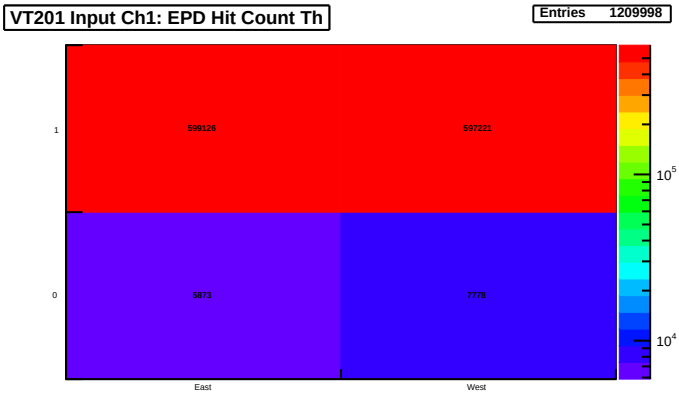

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

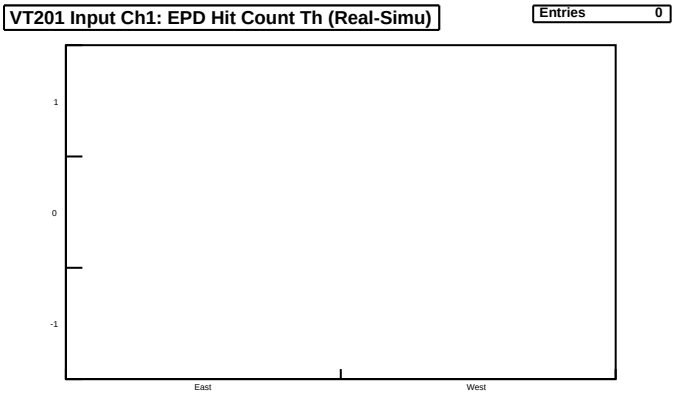

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1209998
382560
515186
222439
89813
East
West

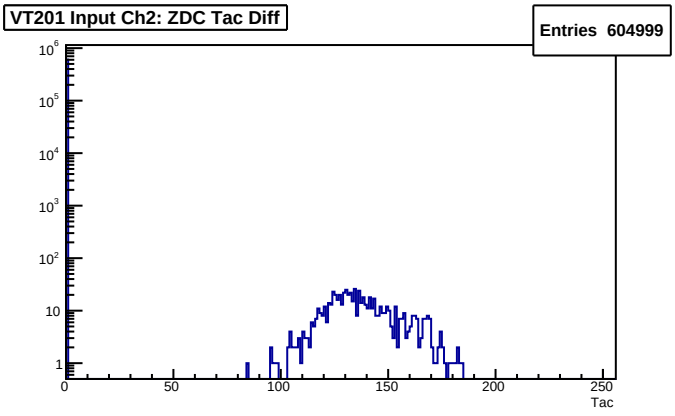

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

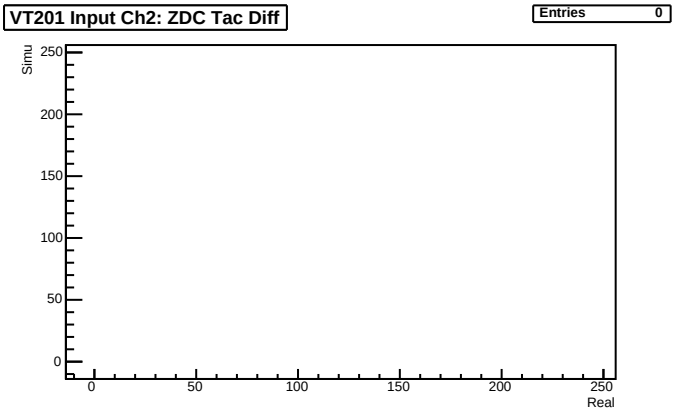

VT201 Input Ch1: EPD Tac Diff
Entries 604999
Tac

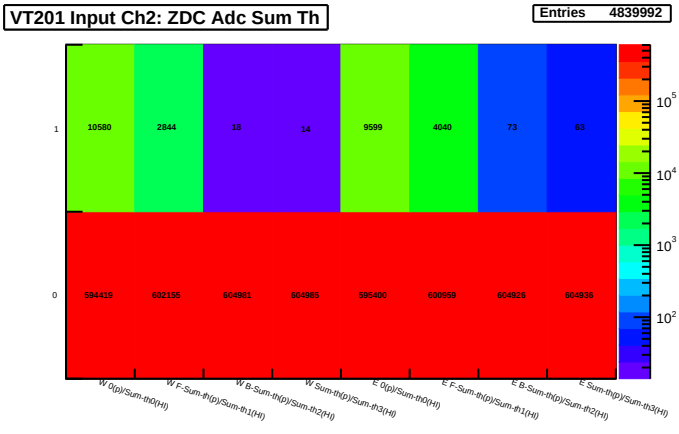

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

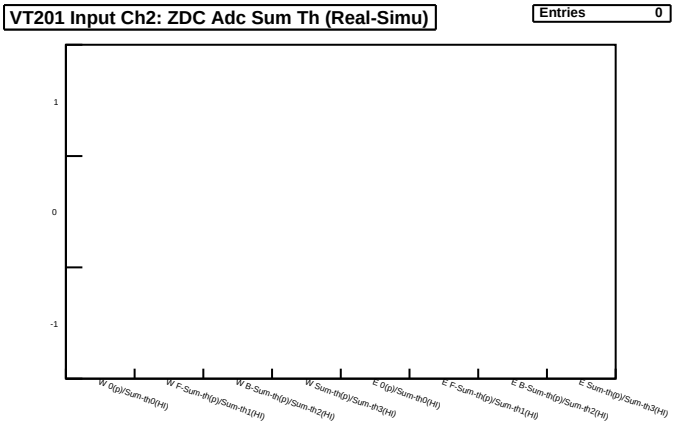

VT201 Input Ch1: EPD Hit Count Th
Entries 1209998
599126
597221
5873
7778
East
West

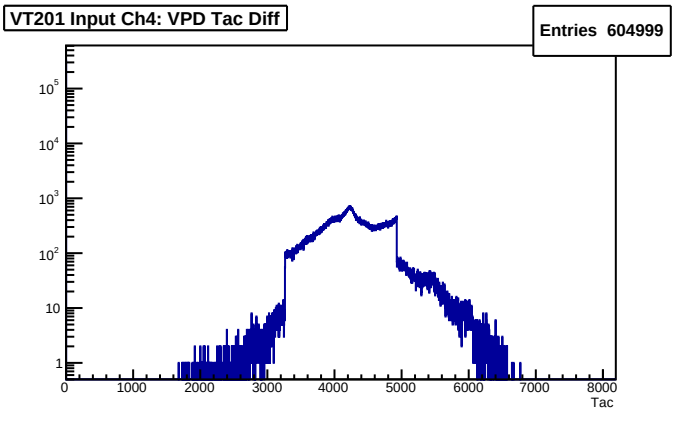

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

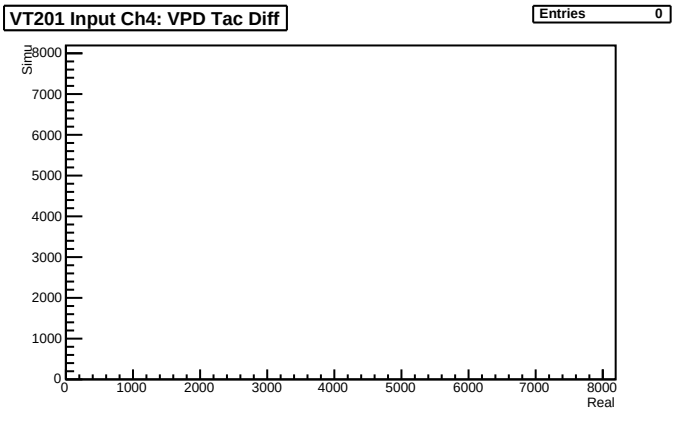

VT201 Input Ch2: ZDC Tac Diff
Entries 604999
Tac

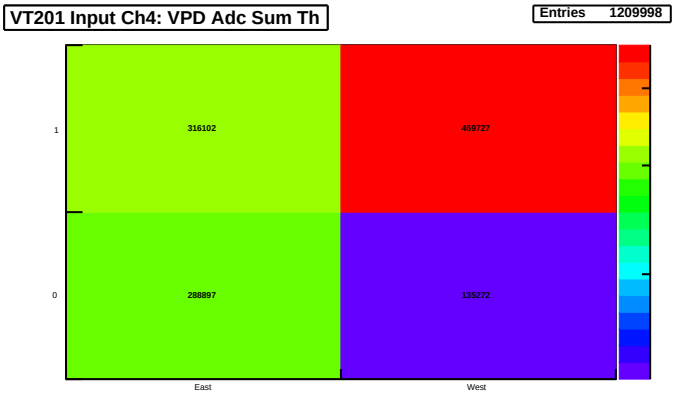

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

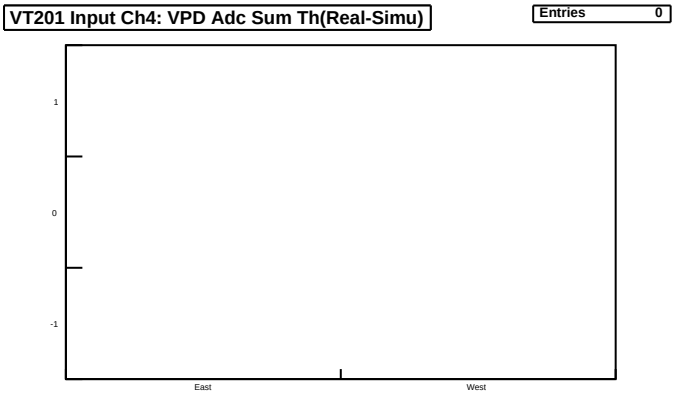

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4839992
10580
2844
18
14
9599
4040
73
63
594419
602155
604981
604985
595400
600959
604926
604936
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

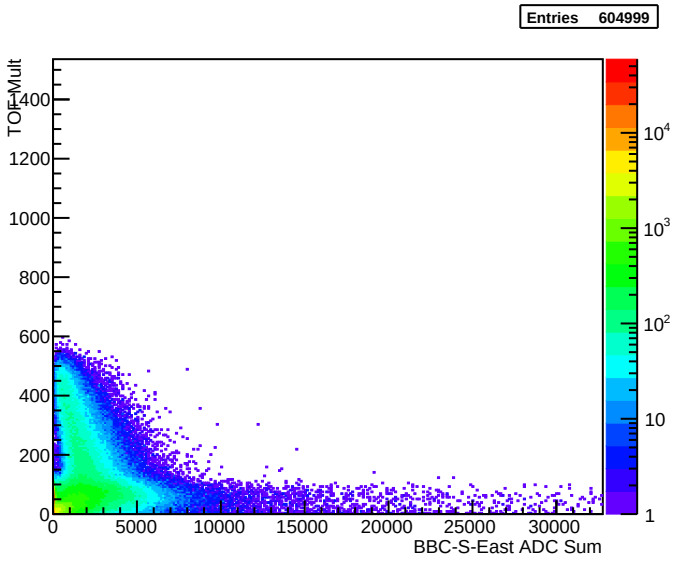

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

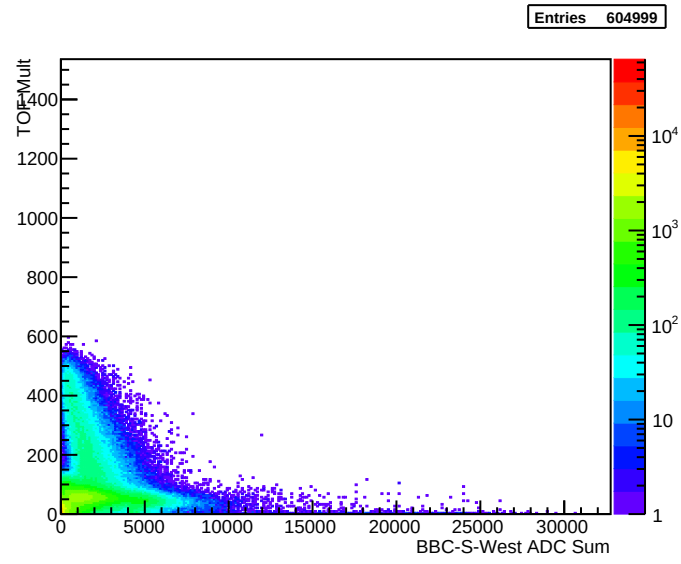

VT201 Input Ch4: VPD Tac Diff
Entries 604999
Tac

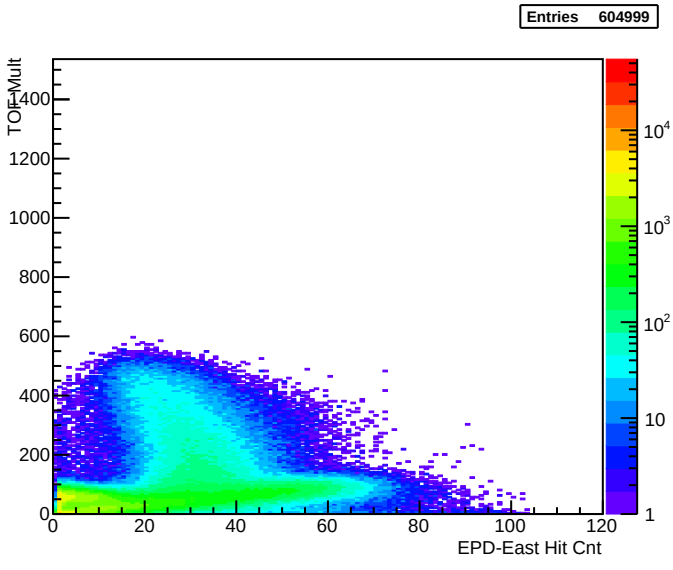

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

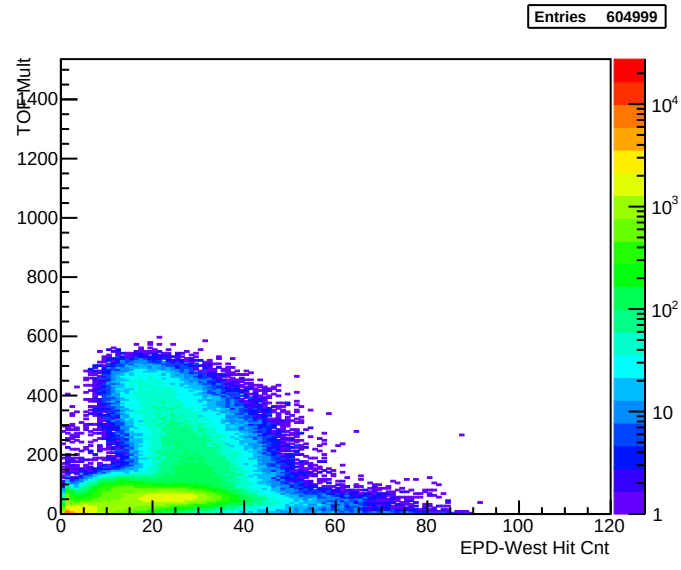

VT201 Input Ch4: VPD Adc Sum Th
Entries 1209998
316102
469727
288897
135272
East
West

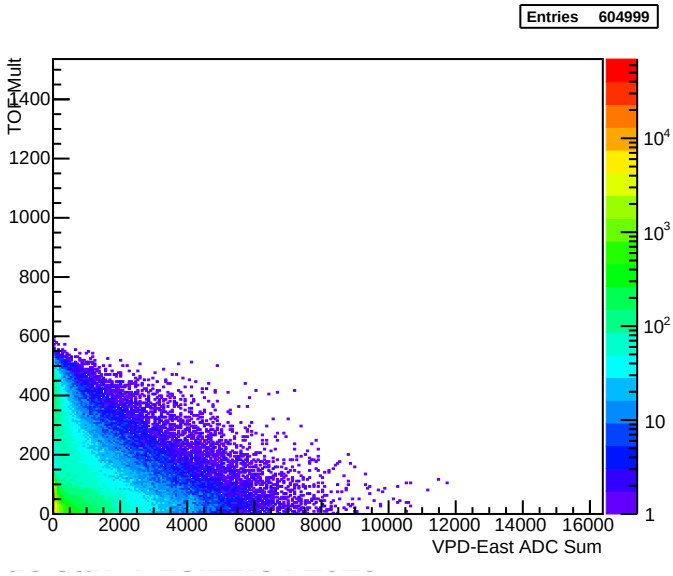

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

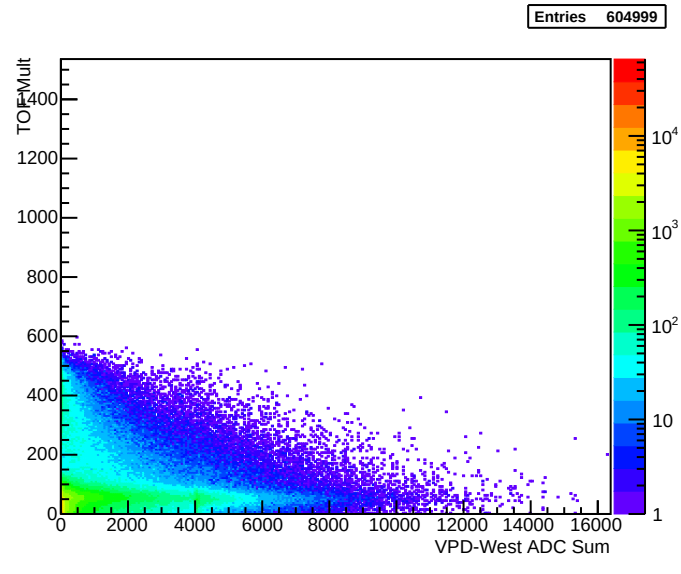

Entries 604999
TOF-Mult
BBC-S-East ADC Sum

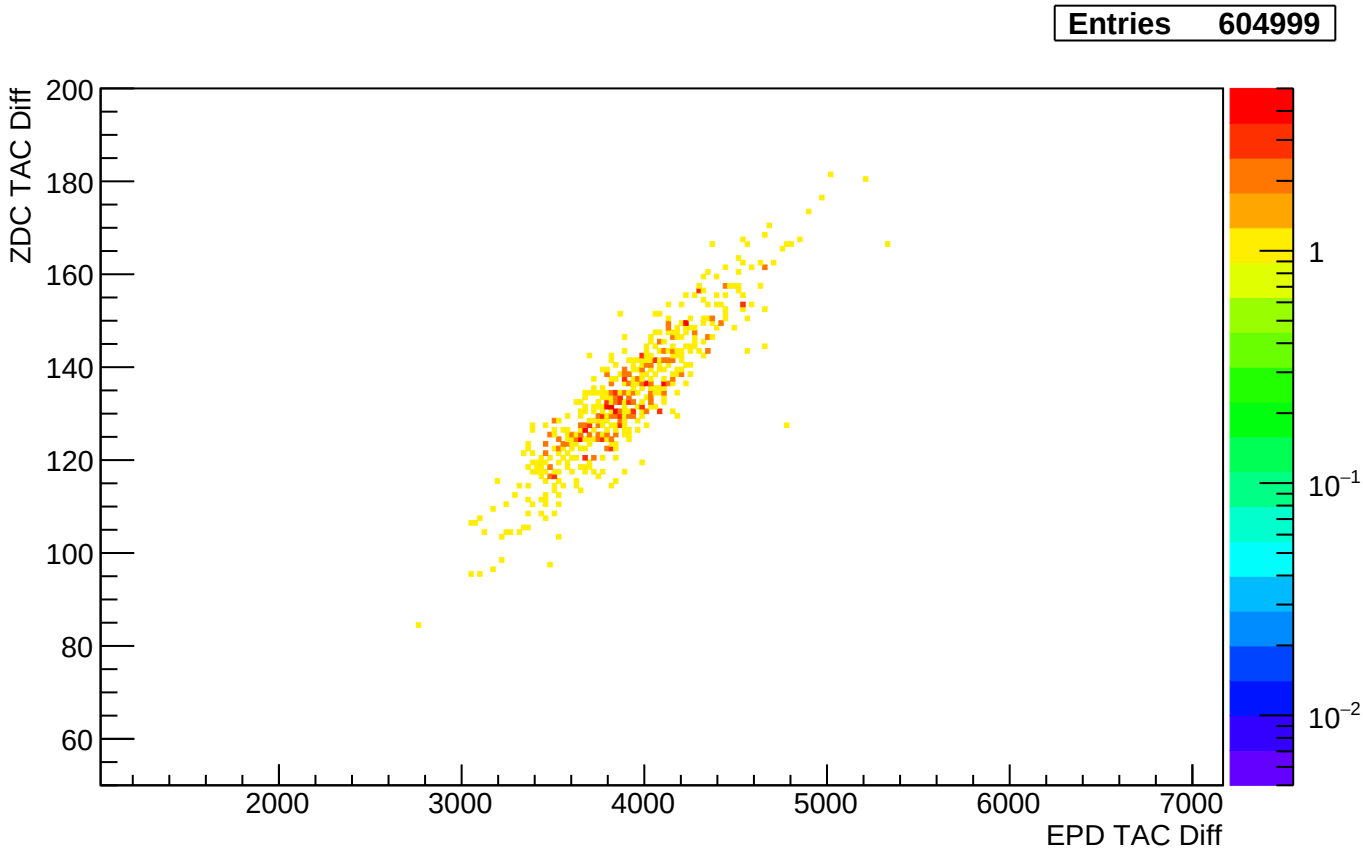

Entries 604999
TOF-Mult
BBC-S-West ADC Sum

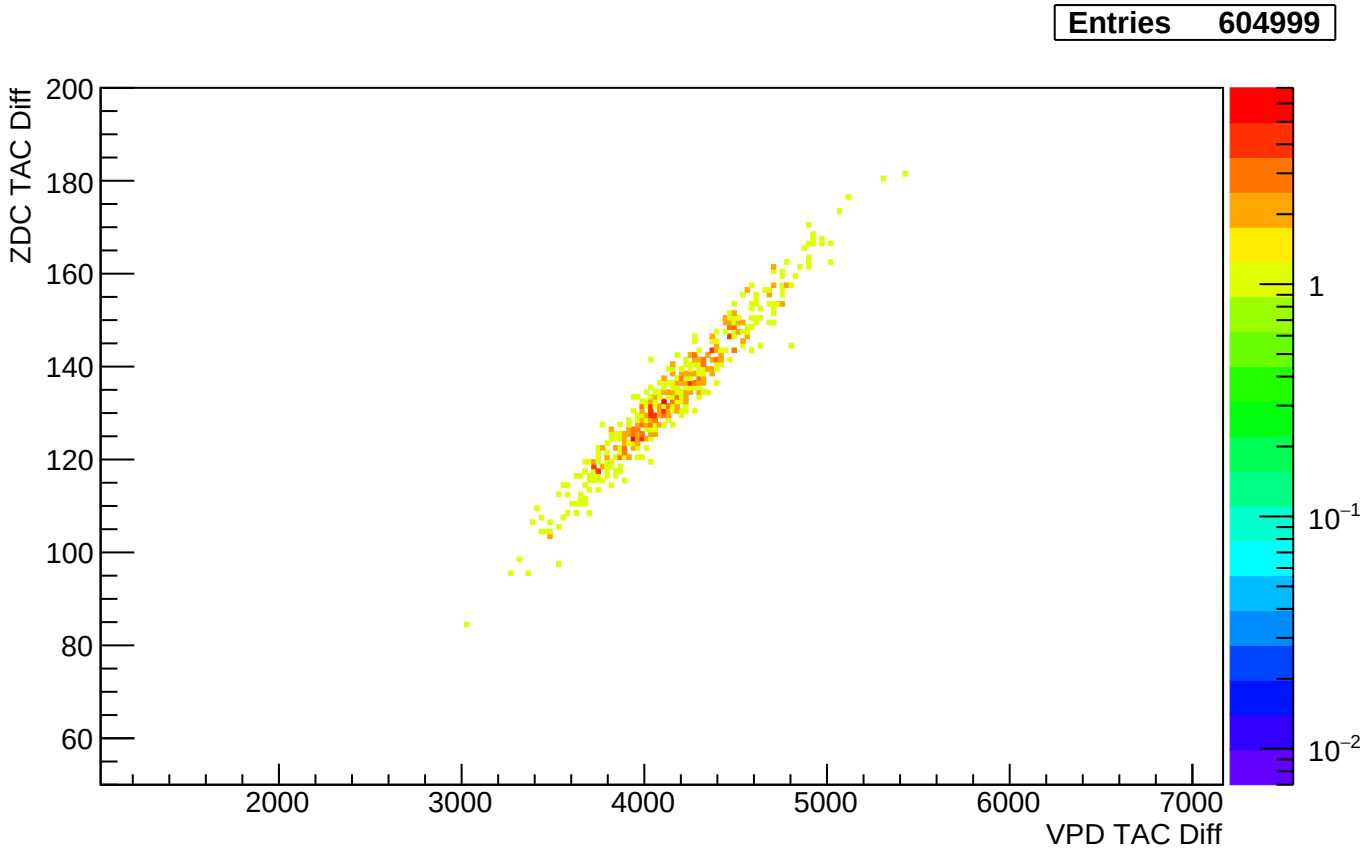

Entries 604999
TOF-Mult
EPD-East Hit Cnt

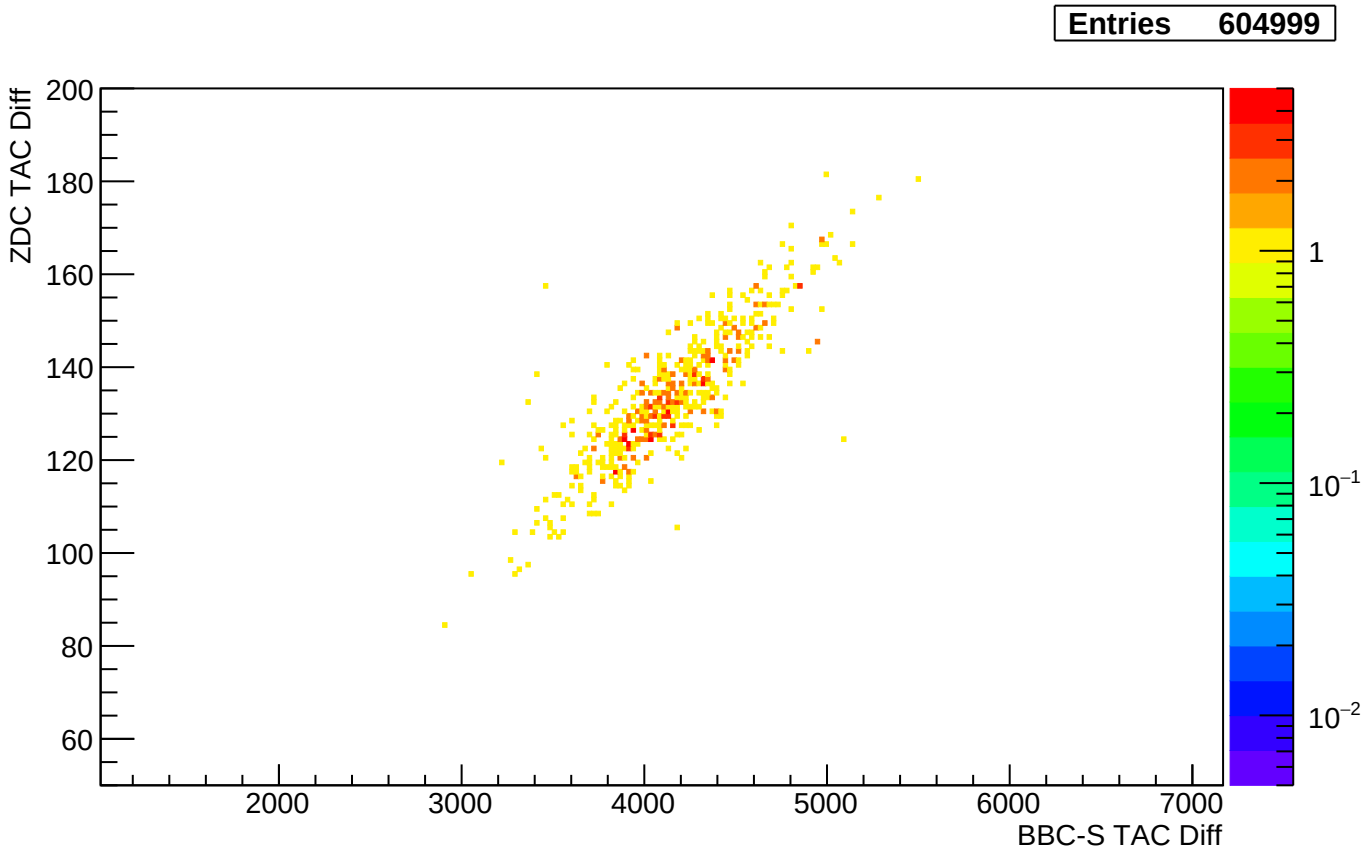

Entries 604999
TOF-Mult
EPD-West Hit Cnt

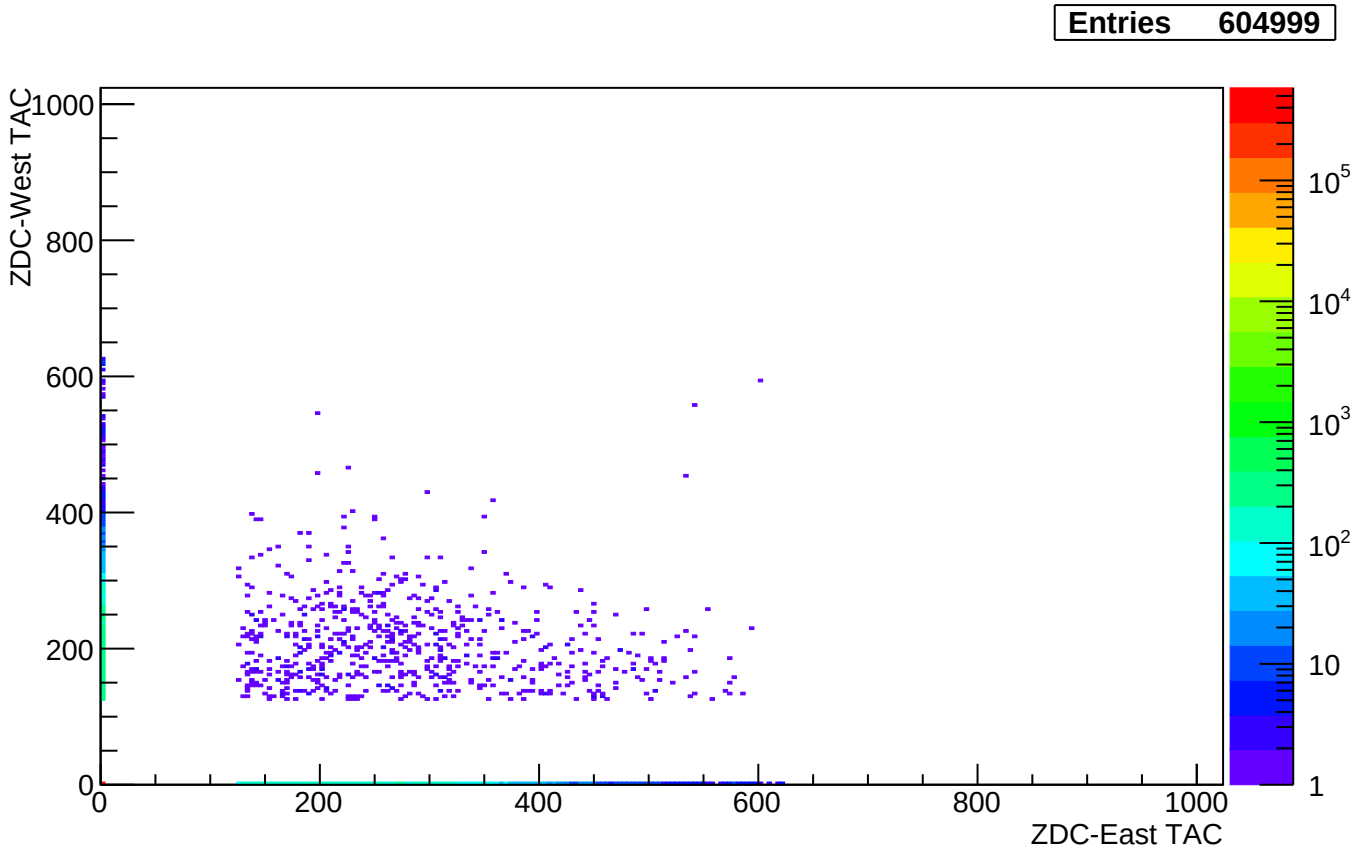

Entries 604999
TOF-Mult
VPD-East ADC Sum

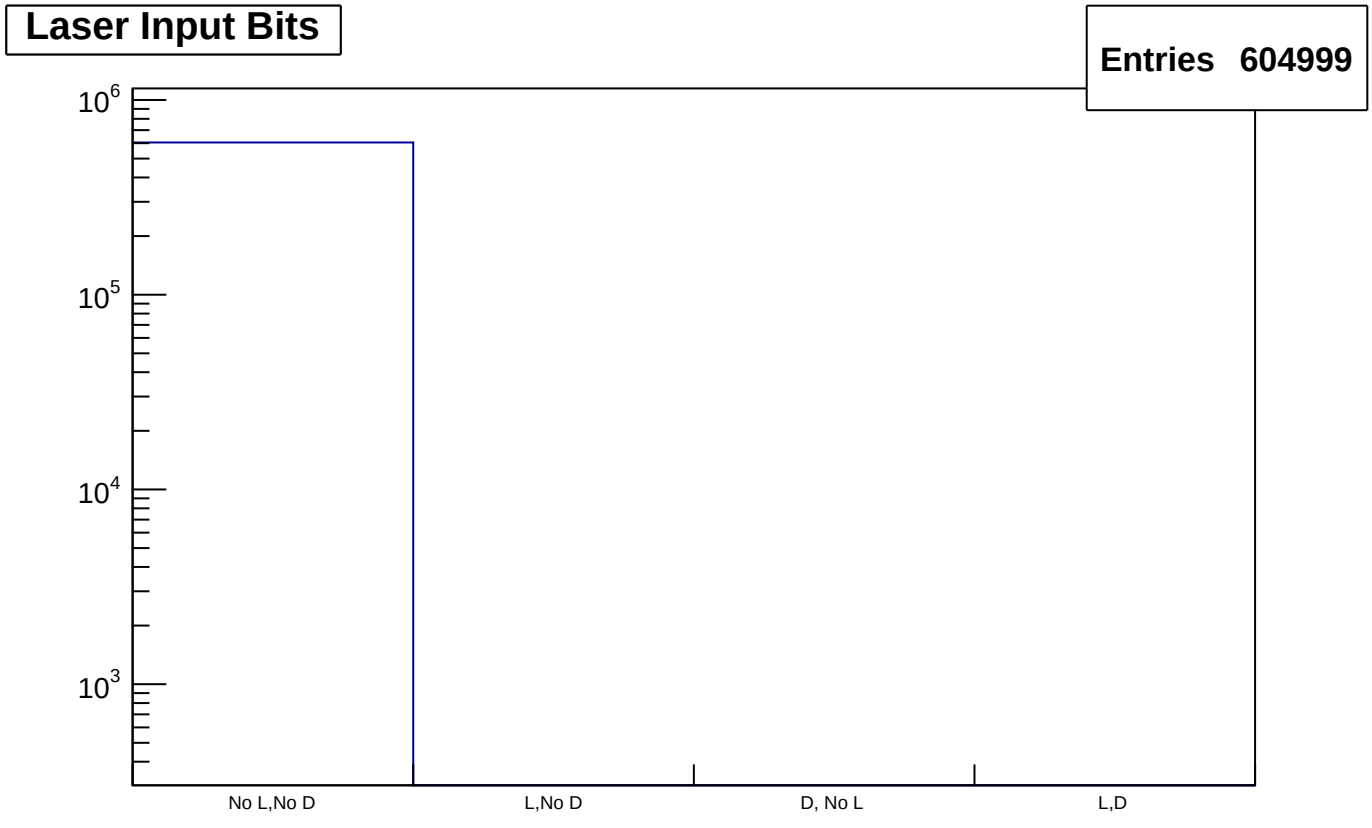

Entries 604999
TOF-Mult
VPD-West ADC Sum

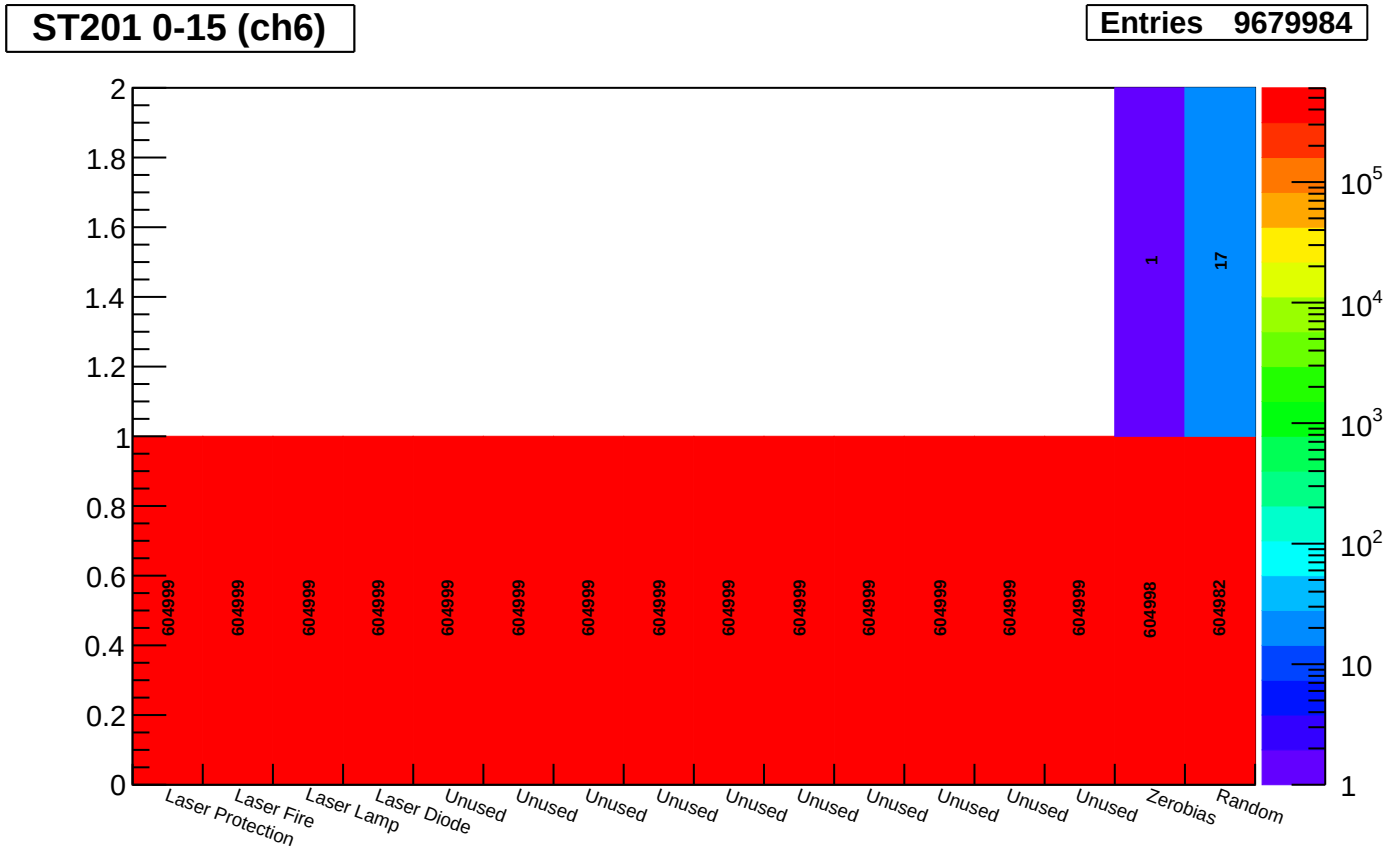

Entries 604999
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

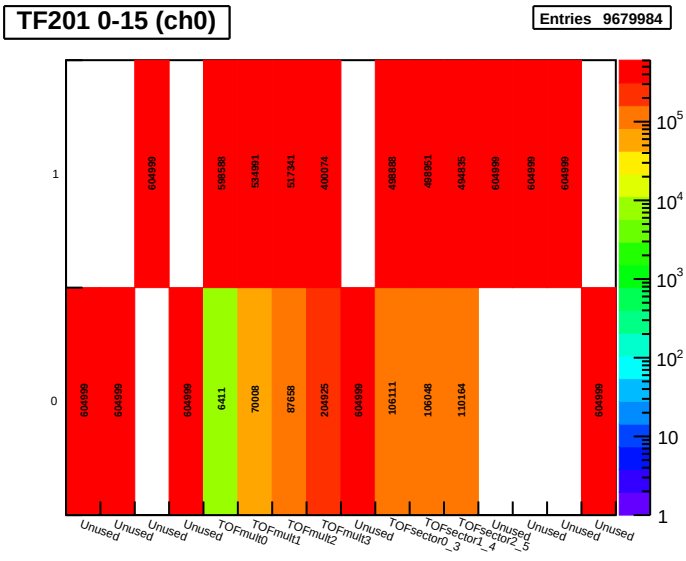

Entries 604999
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

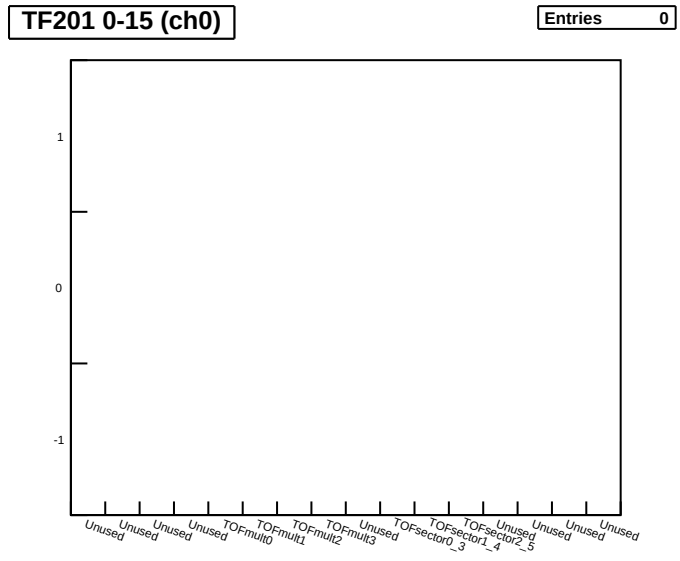

Entries 604999
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

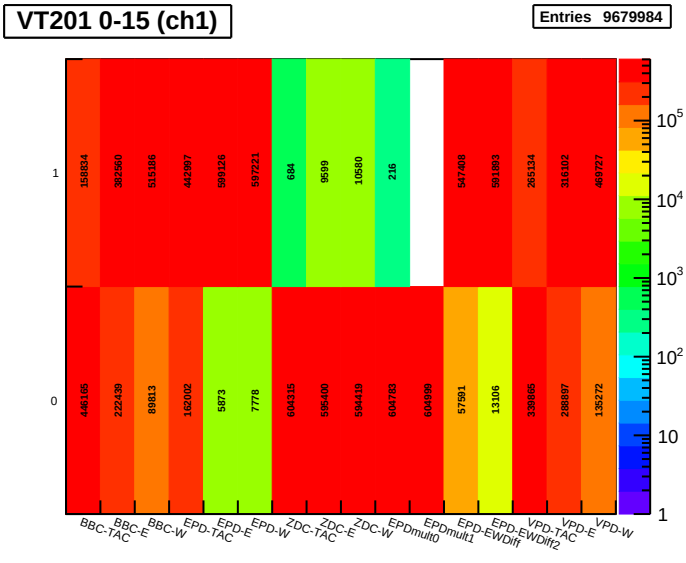

Entries 604999
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

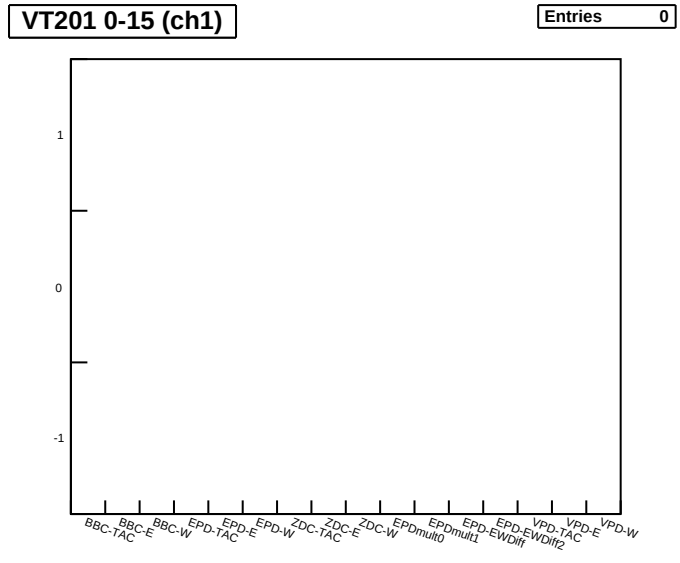

Laser Input Bits
Entries 604999
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

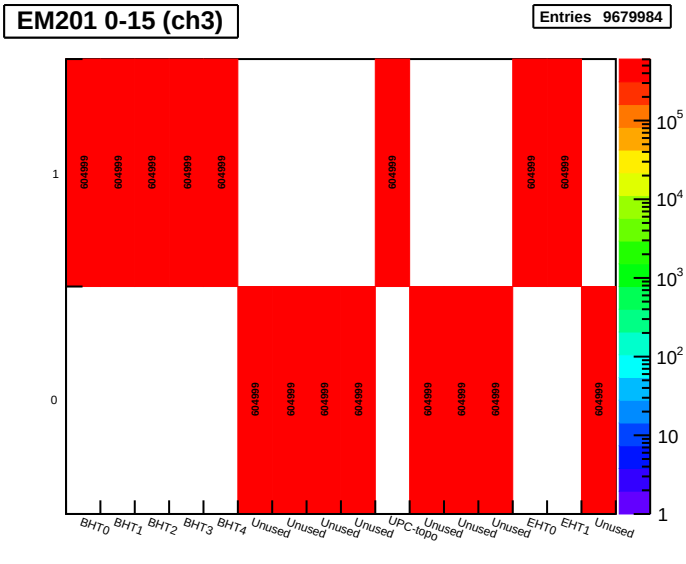

ST201 0-15 (ch6)
Entries 9679984
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
604999
604999
604999
604999
604999
604999
604999
604999
604999
604999
604999
604999
604999
604999
604998
604982
1
17
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

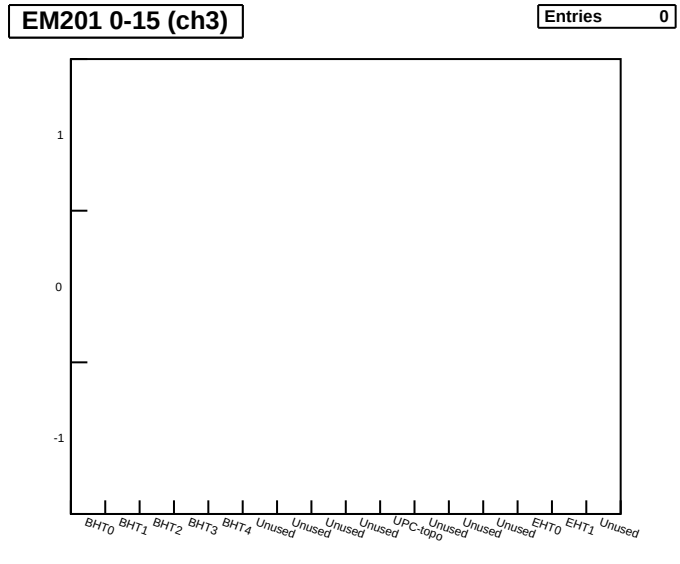

TF201 0-15 (ch0)
Entries 9679984
1
0
604999
604999
604999
604999
6411
70008
87658
204925
604999
106111
106048
110164
604999
604999
534991
517441
400074
498888
498951
494835
604999
604999
604999
604999
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 9679984
1
0
158834
382560
515186
442997
590126
597221
684
9599
10560
216
547408
591893
265134
316102
469727
446165
222439
89813
162002
5873
7778
604315
595400
594419
604783
604999
57991
13106
338865
288897
135272
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 9679984
1
0
604999
604999
604999
604999
604999
604999
604999
604999
604999
604999
604999
604999
604999
604999
604999
604999
604999
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1