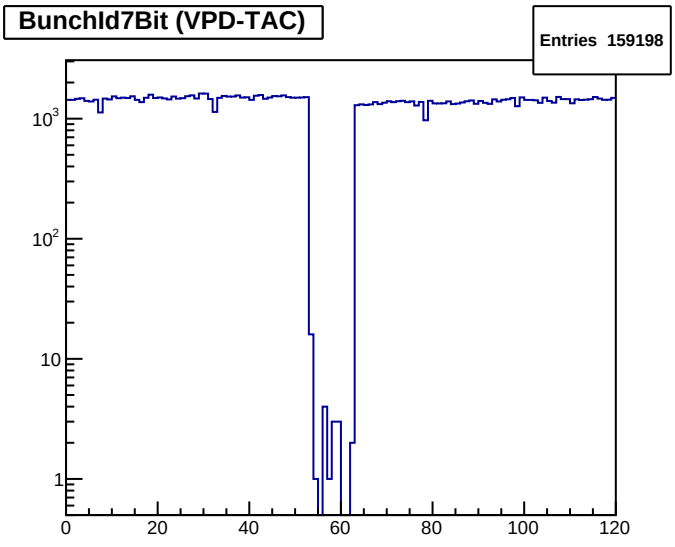
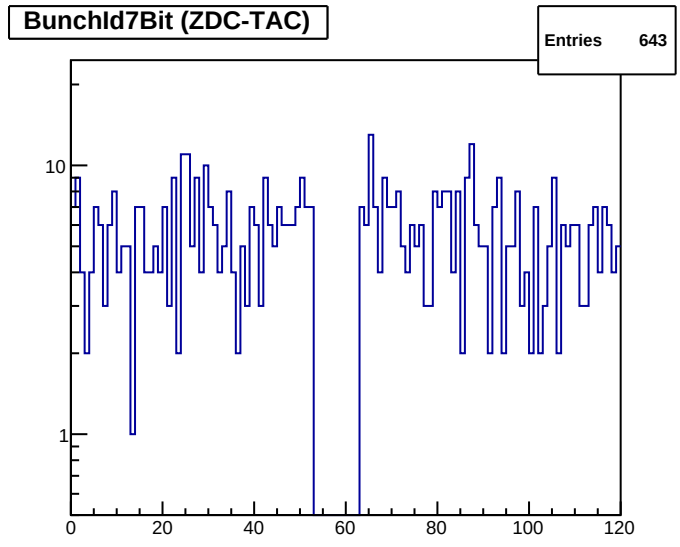
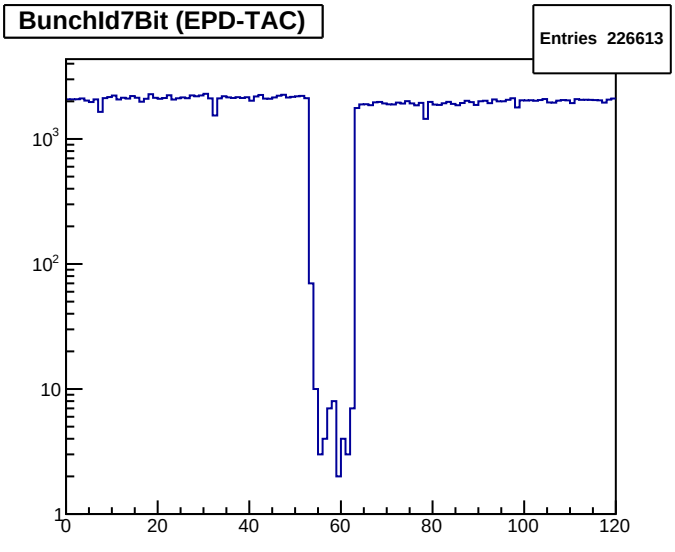
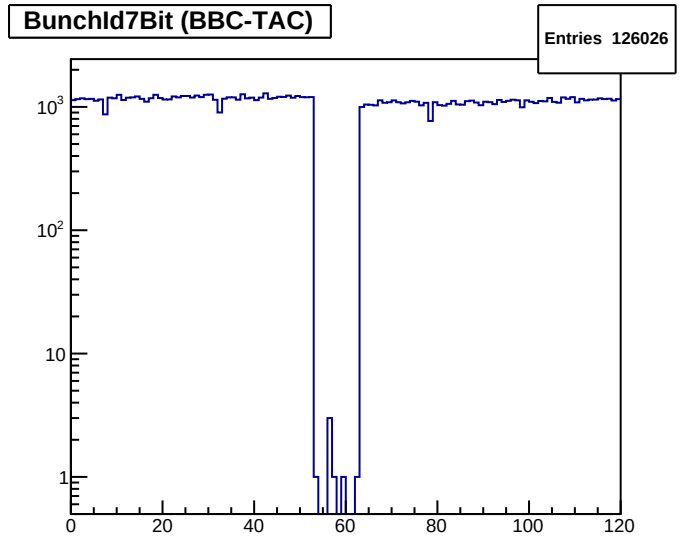
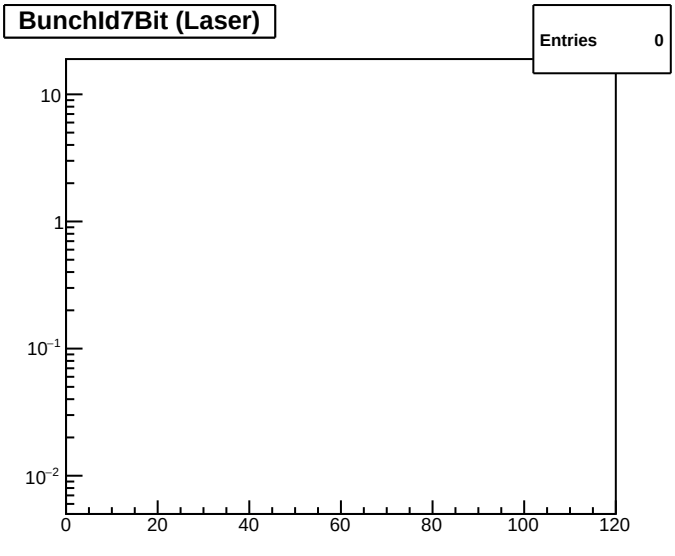
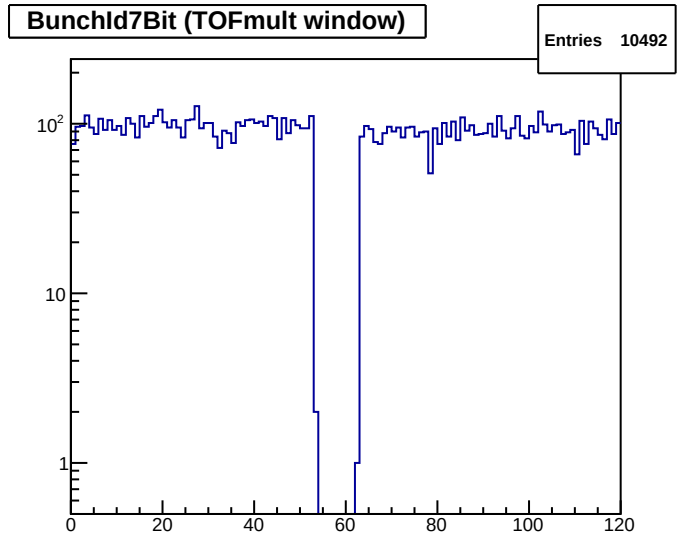

BunchId7Bit (VPD-TAC)
Entries 159198

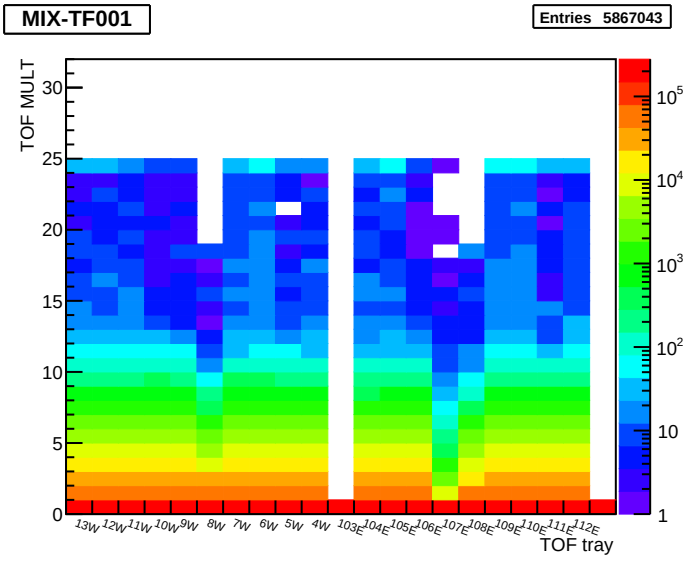

BunchId7Bit (ZDC-TAC)
Entries 643

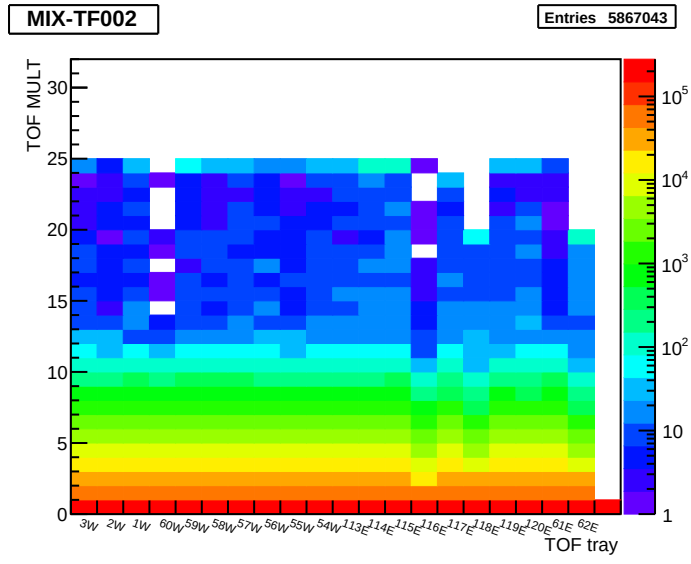

BunchId7Bit (EPD-TAC)
Entries 226613

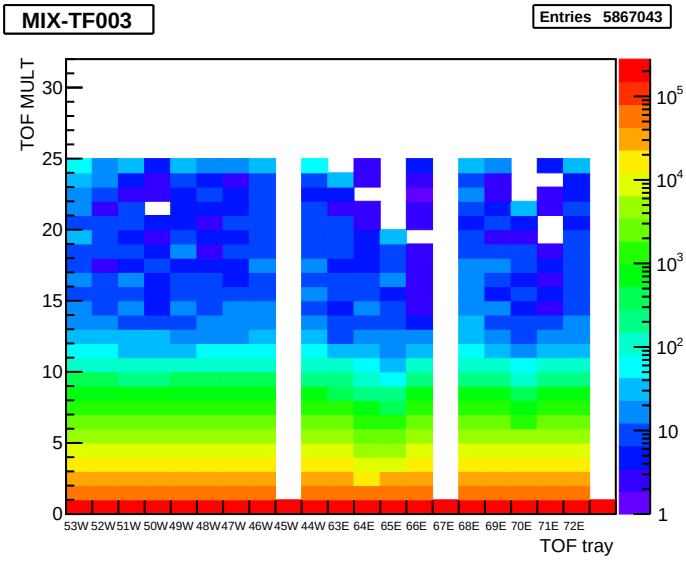

BunchId7Bit (BBC-TAC)
Entries 126026

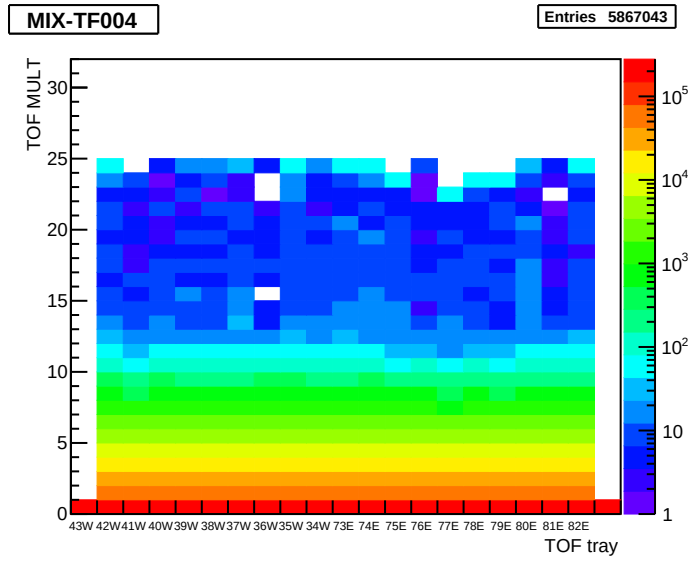

BunchId7Bit (Laser)
Entries 0

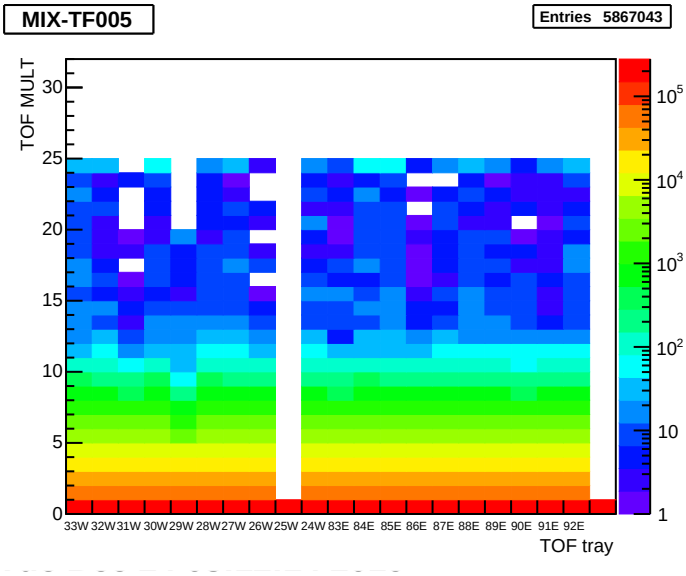

BunchId7Bit (TOFmult window)
Entries 10492

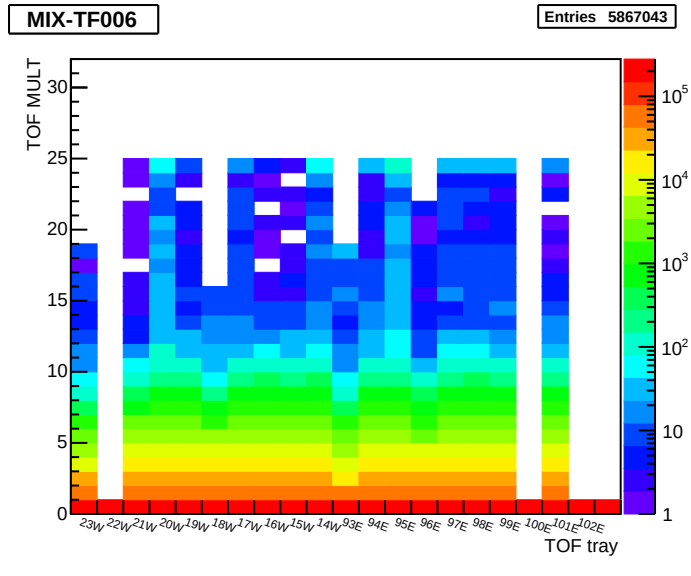

MIX-TF001
Entries 5867043
TOF MULT
TOF tray

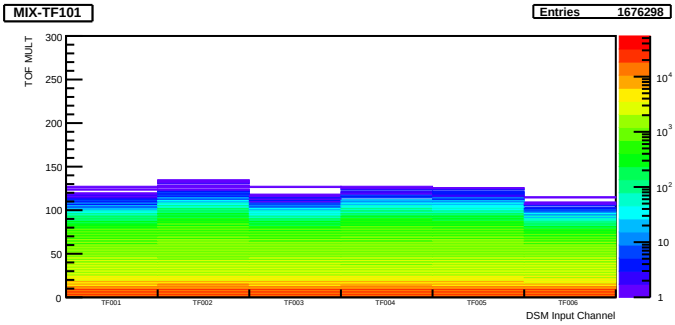

MIX-TF002
Entries 5867043
TOF MULT
TOF tray

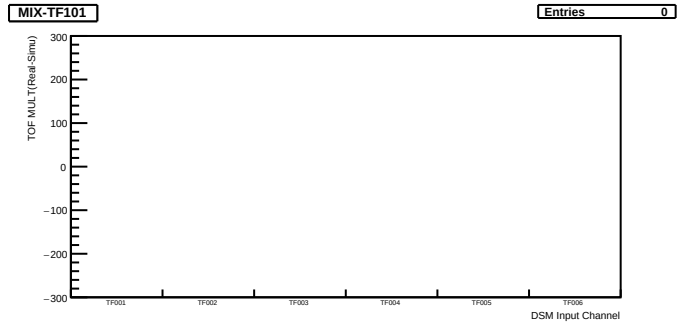

MIX-TF003
Entries 5867043
TOF MULT
TOF tray

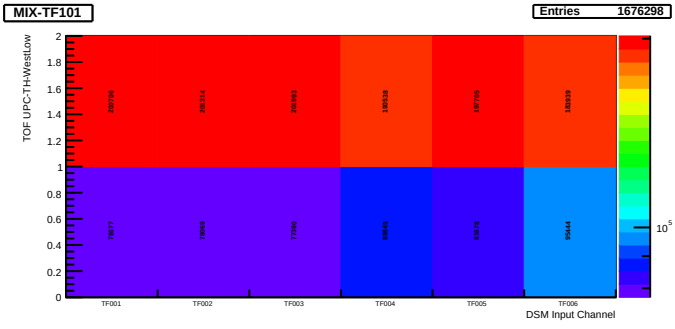

MIX-TF004
Entries 5867043
TOF MULT
TOF tray

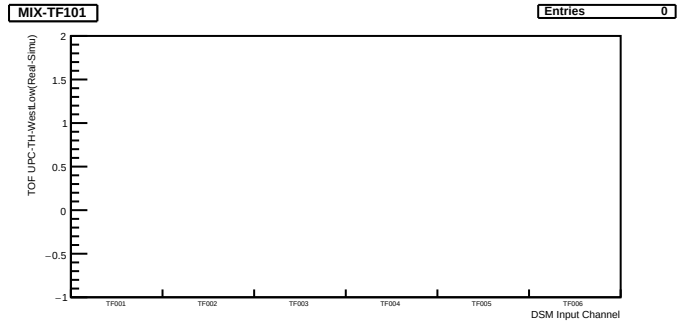

MIX-TF005
Entries 5867043
TOF MULT
TOF tray

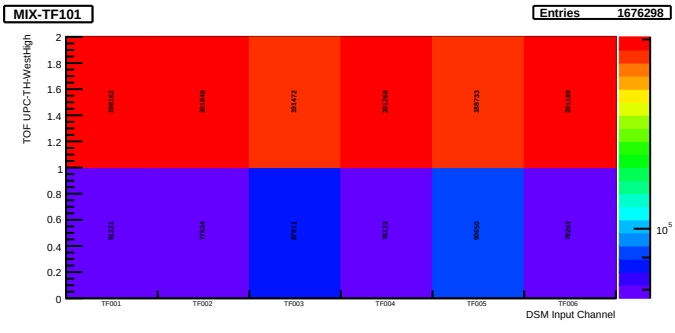

MIX-TF006
Entries 5867043
TOF MULT
TOF tray

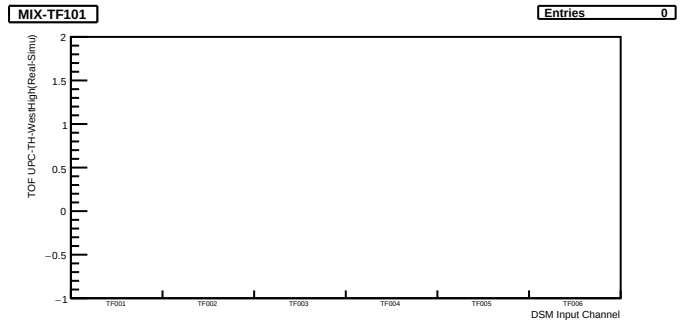

MIX-TF101
Entries 1676298
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

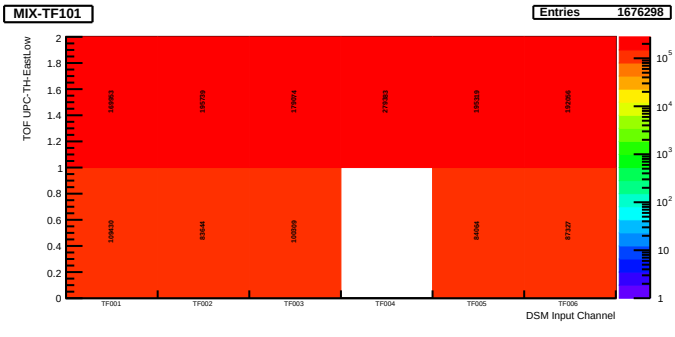

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

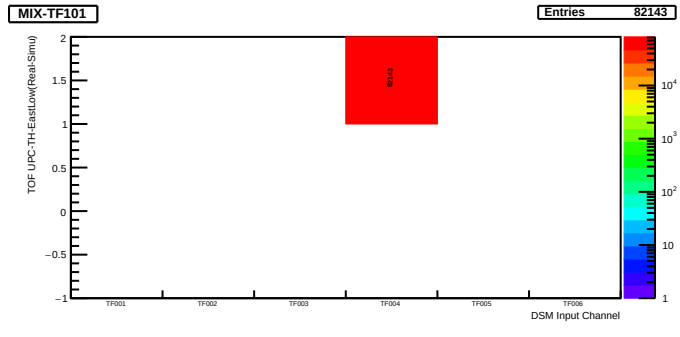

MIX-TF101
Entries 1676298
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

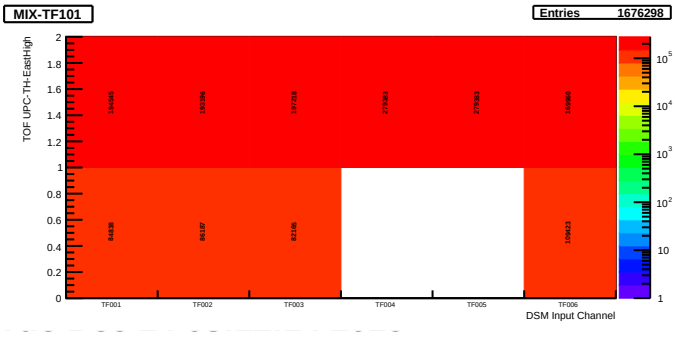

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

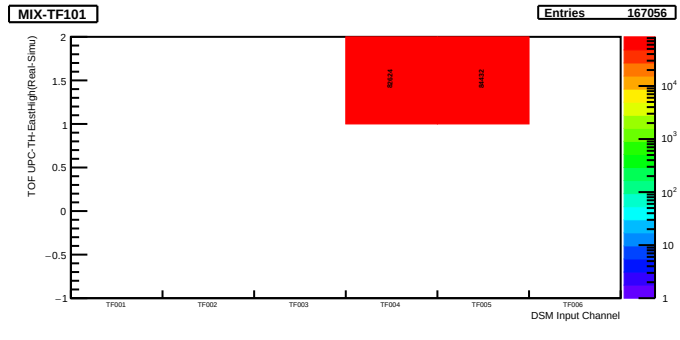

MIX-TF101
Entries 1676298
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

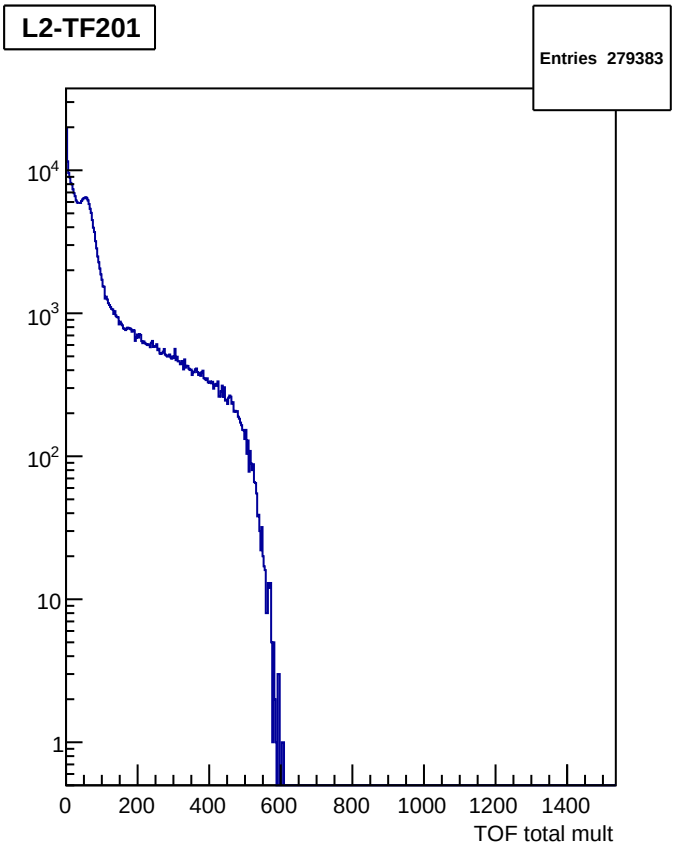

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

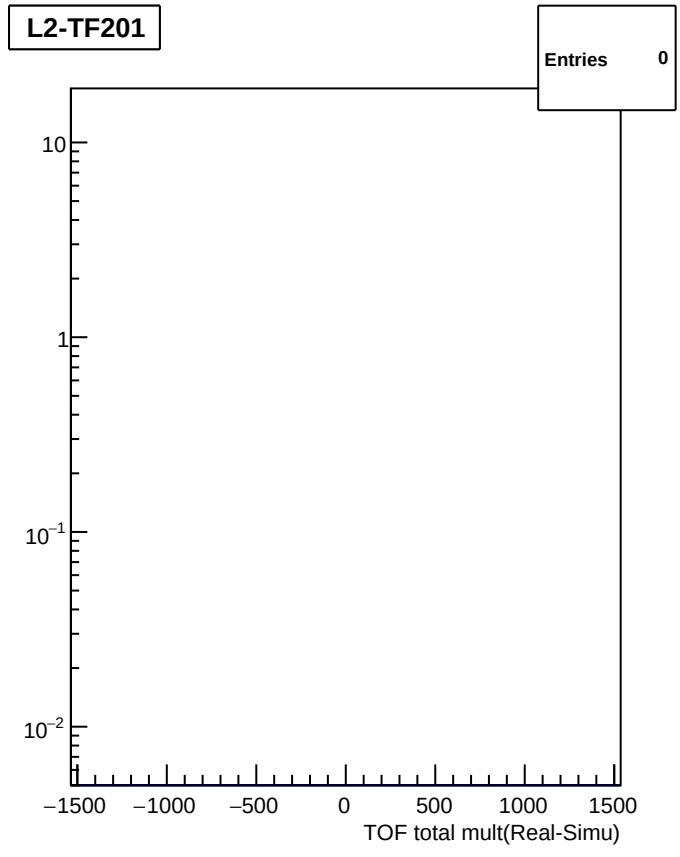

MIX-TF101
Entries 1676298
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

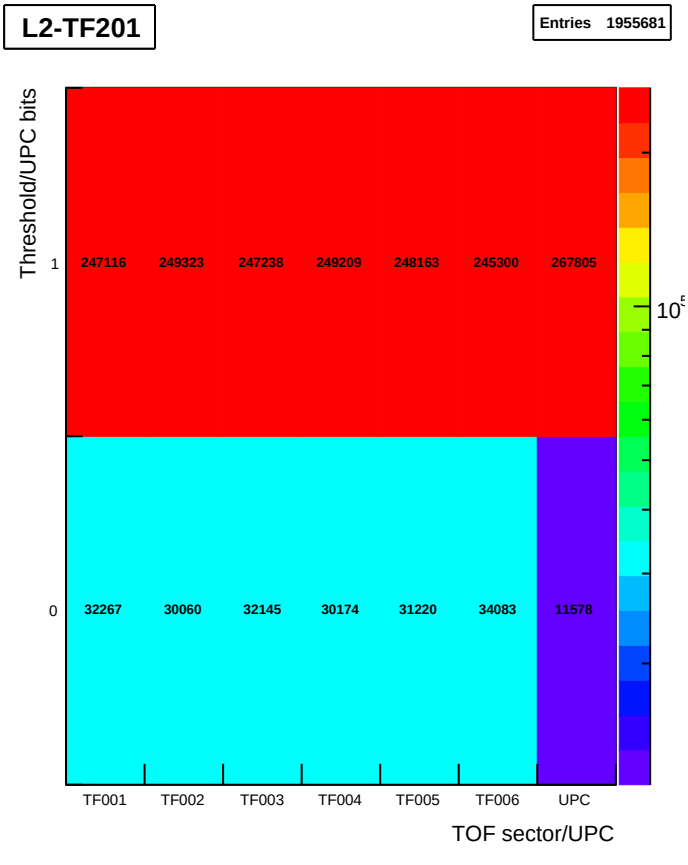

MIX-TF101
Entries 82143
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

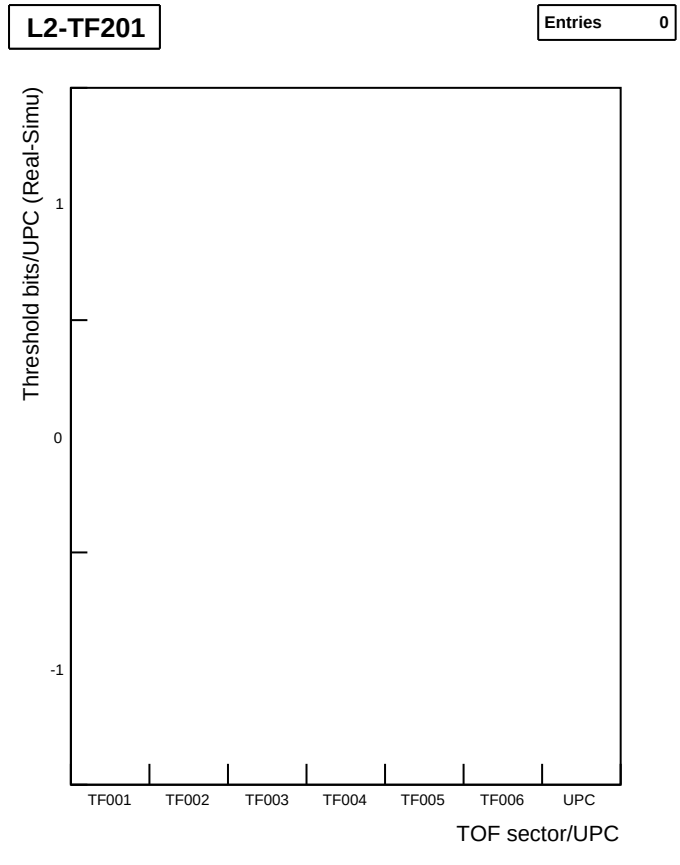

MIX-TF101
Entries 1676298
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

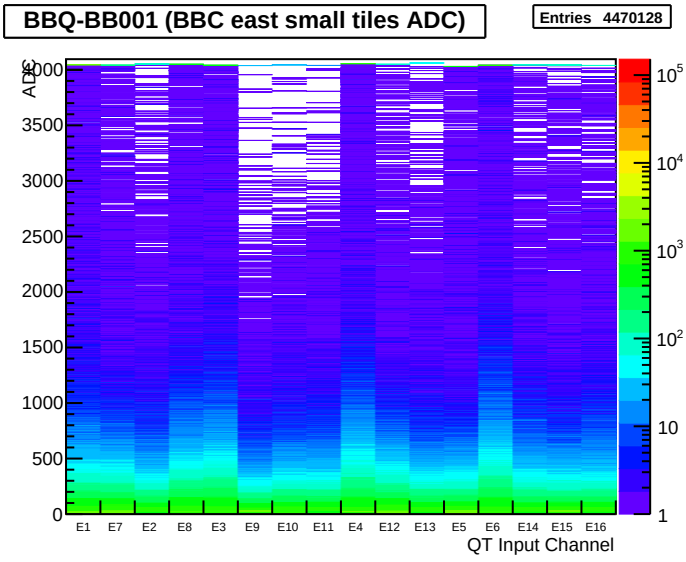

MIX-TF101
Entries 167056
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

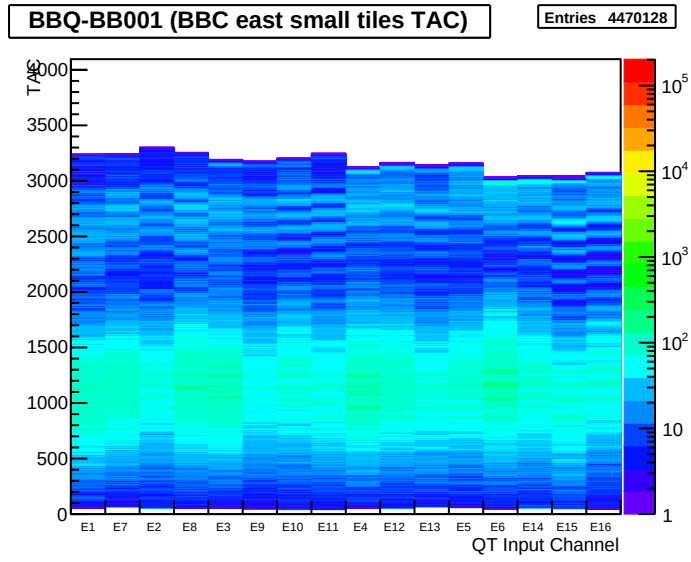

L2-TF201
Entries 279383
TOF total mult

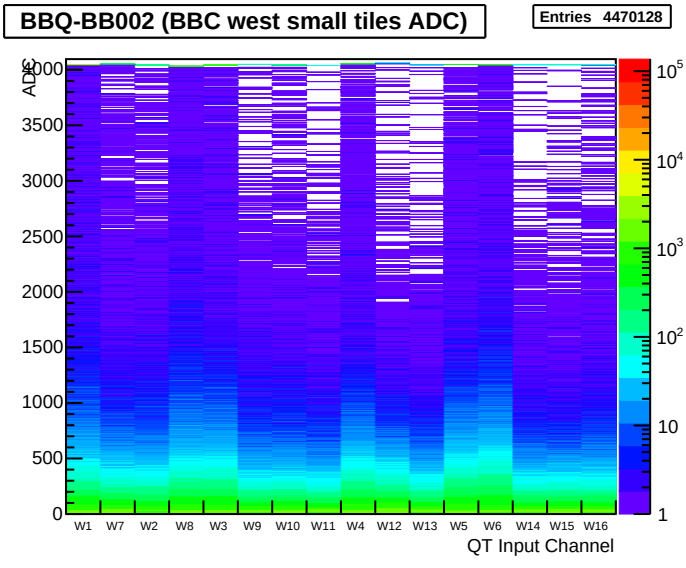

L2-TF201
Entries 0
TOF total mult(Real-Simu)

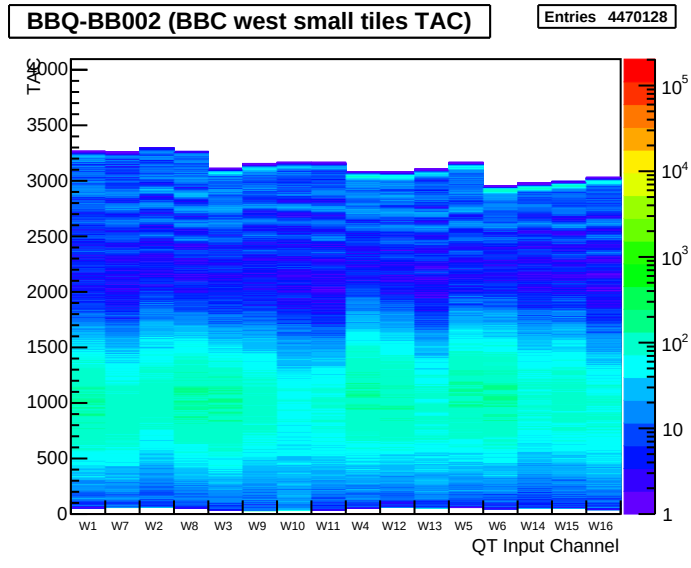

L2-TF201
Entries 1955681
Threshold/UPC bits
247116 249323 247238 249209 248163 245300 267805
32267 30060 32145 30174 31220 34083 11578
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

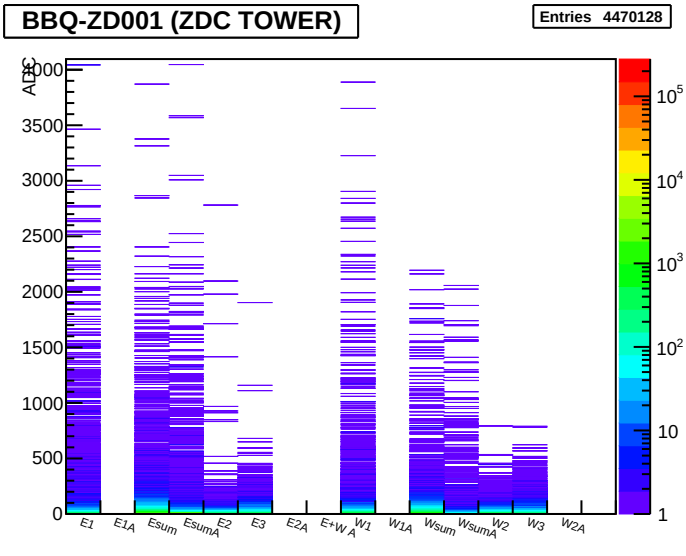

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

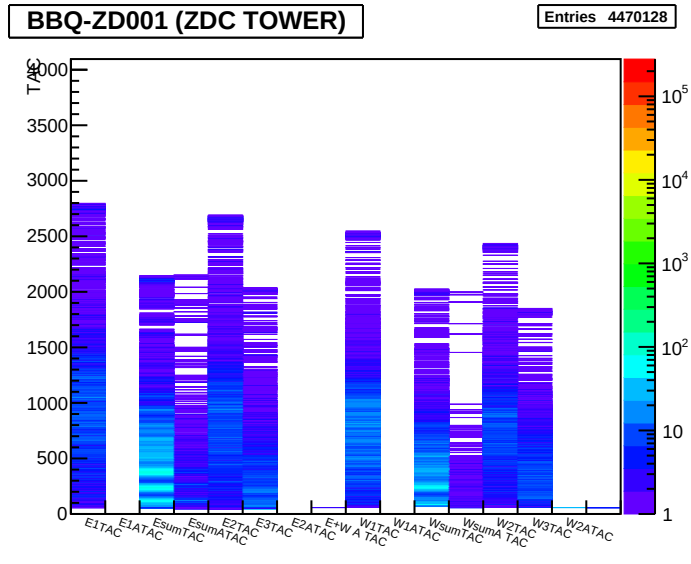

BBQ-BB001 (BBC east small tiles ADC)
Entries 4470128
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

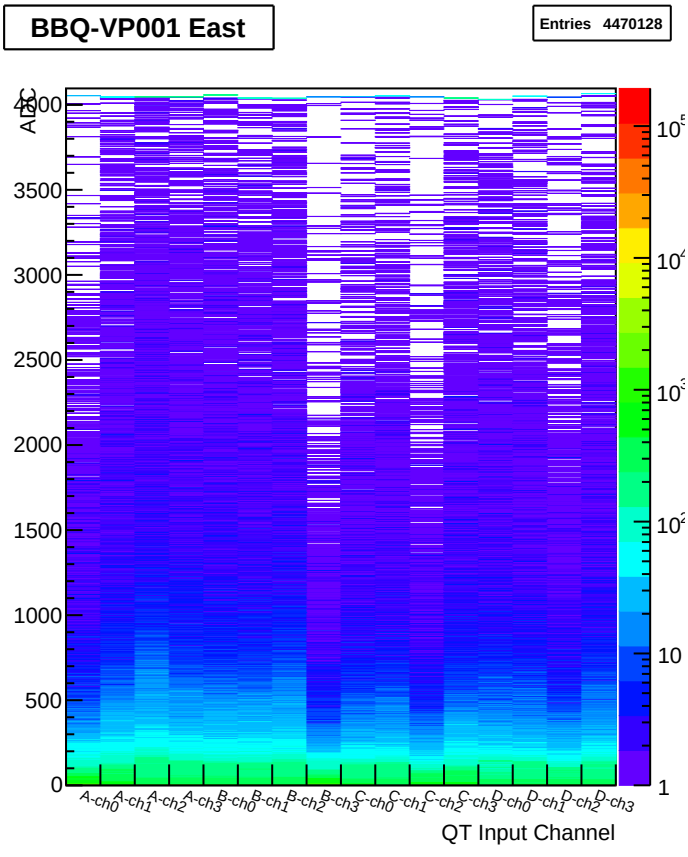

BBQ-BB001 (BBC east small tiles TAC)
Entries 4470128
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

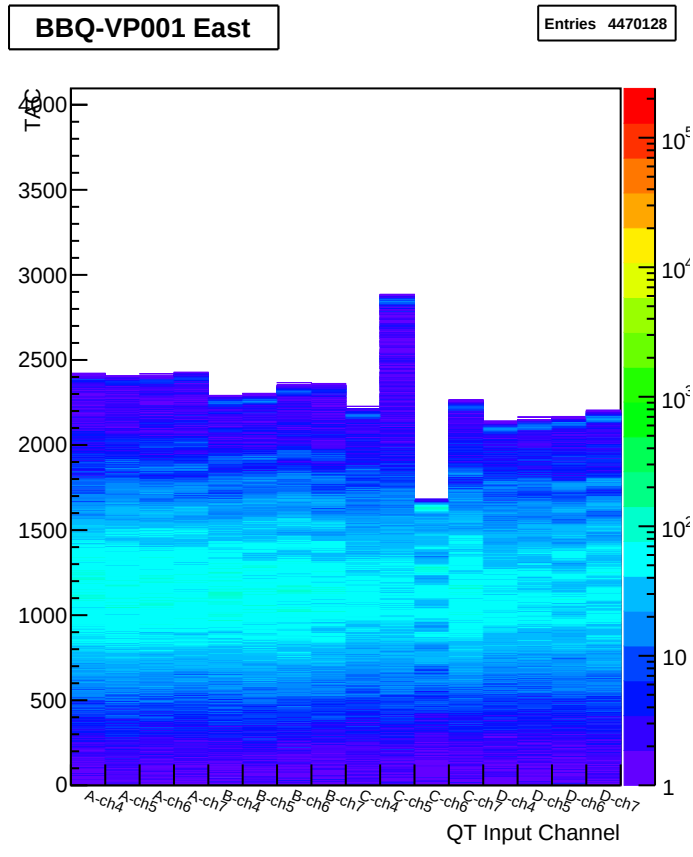

BBQ-BB002 (BBC west small tiles ADC)
Entries 4470128
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

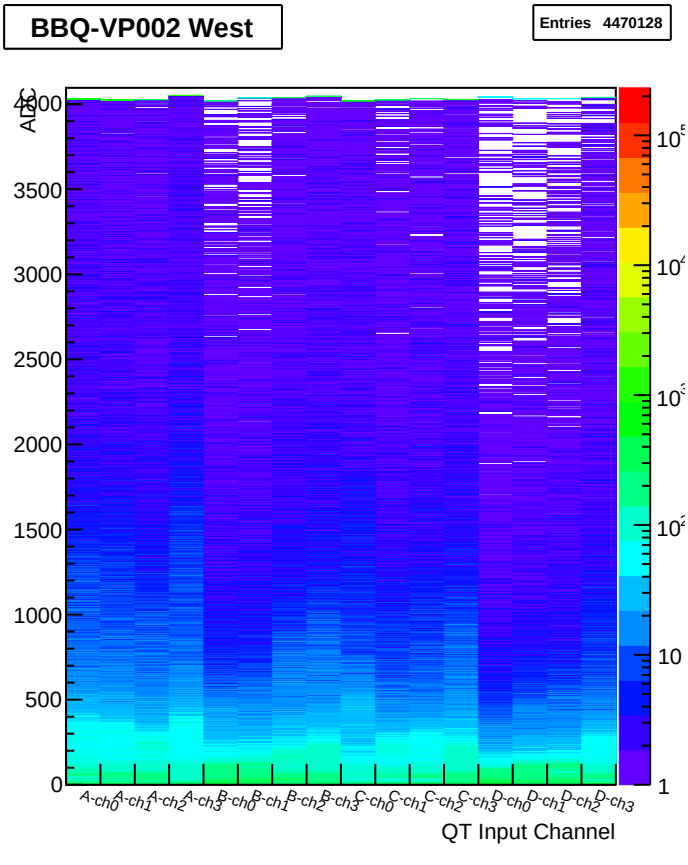

BBQ-BB002 (BBC west small tiles TAC)
Entries 4470128
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

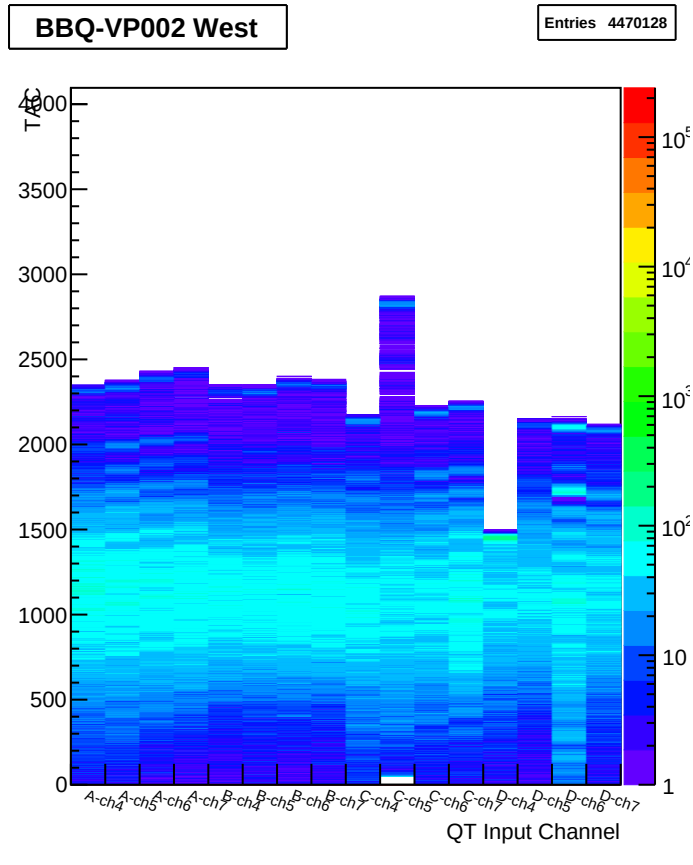

BBQ-ZD001 (ZDC TOWER)
Entries 4470128
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

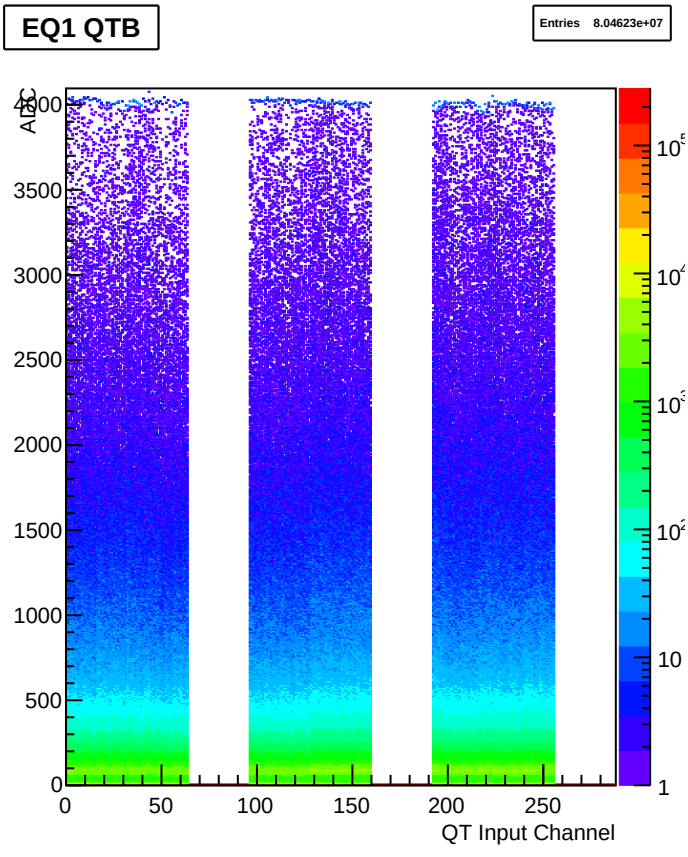

BBQ-ZD001 (ZDC TOWER)
Entries 4470128
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

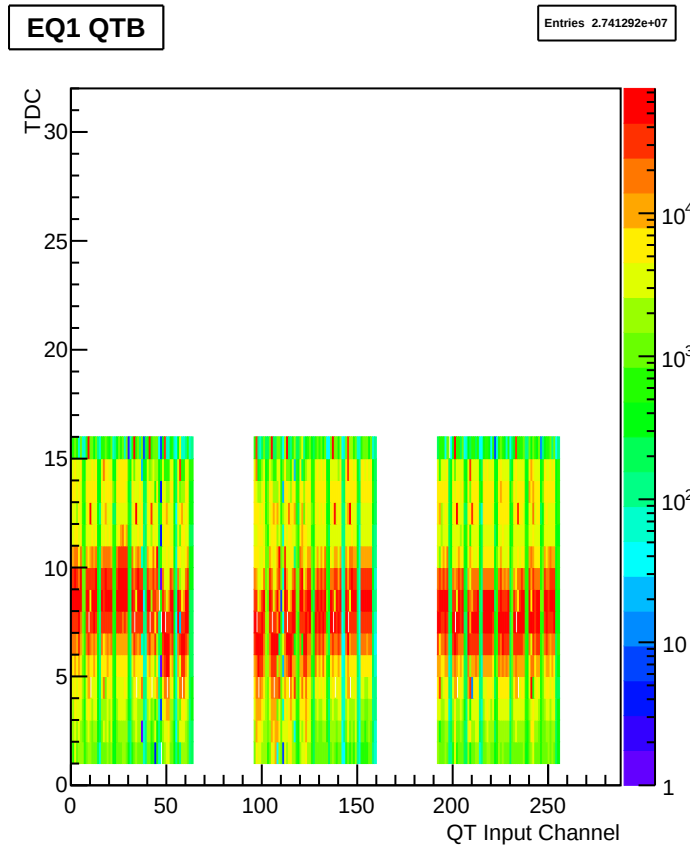

BBQ-VP001 East
Entries 4470128
ADC
QT Input Channel

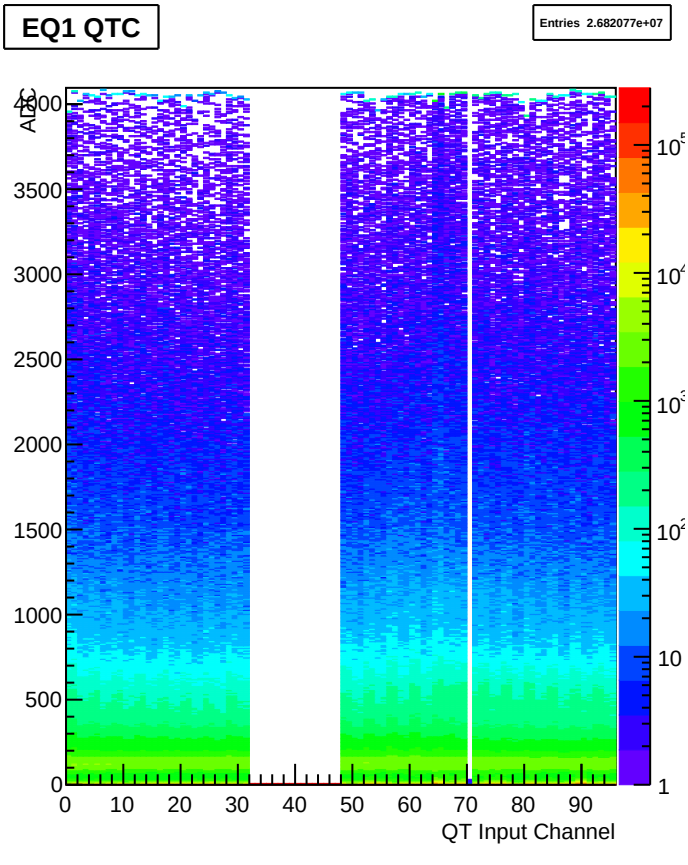

BBQ-VP001 East
Entries 4470128
TADC
QT Input Channel

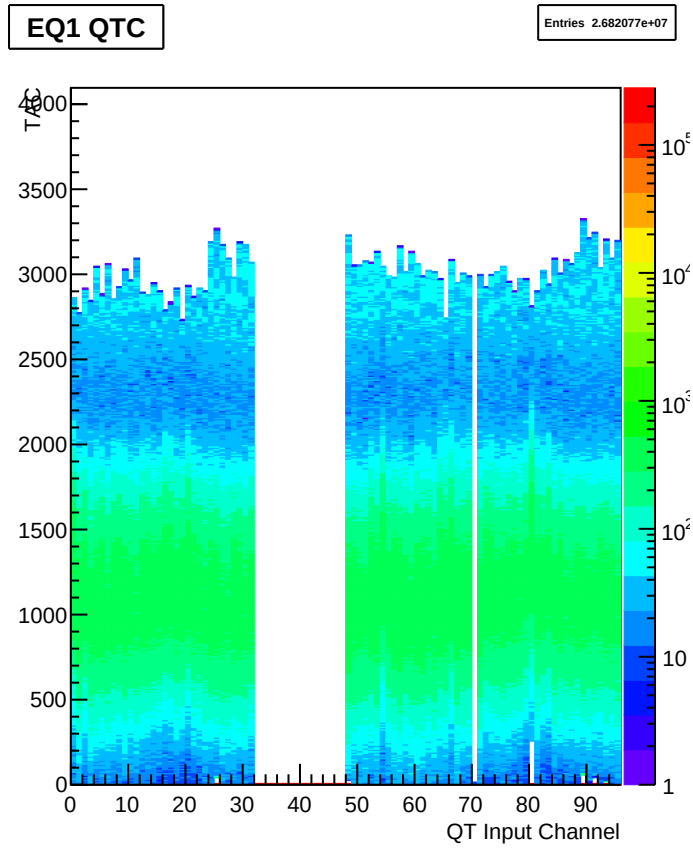

BBQ-VP002 West
Entries 4470128
ADC
QT Input Channel

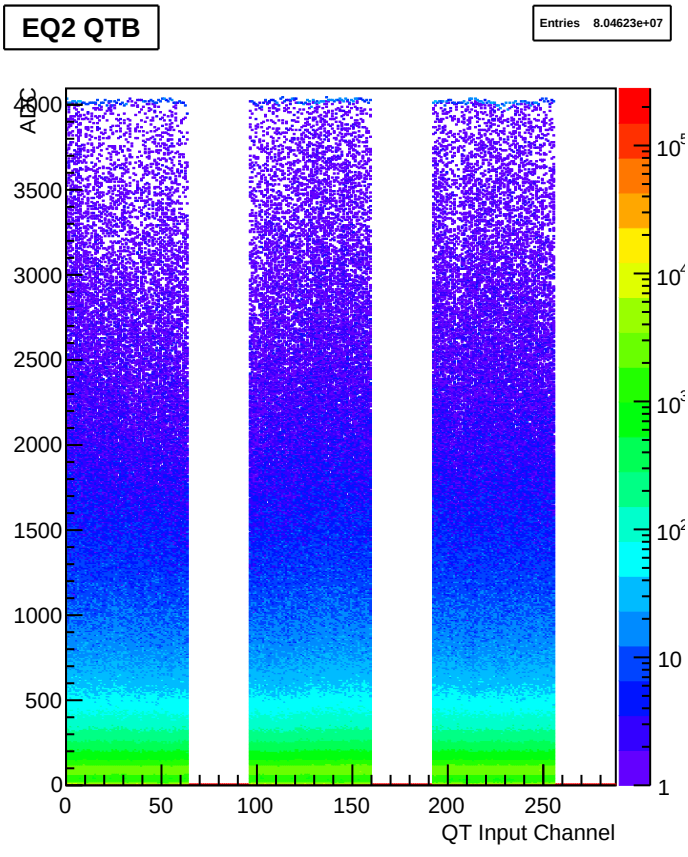

BBQ-VP002 West
Entries 4470128
TADC
QT Input Channel

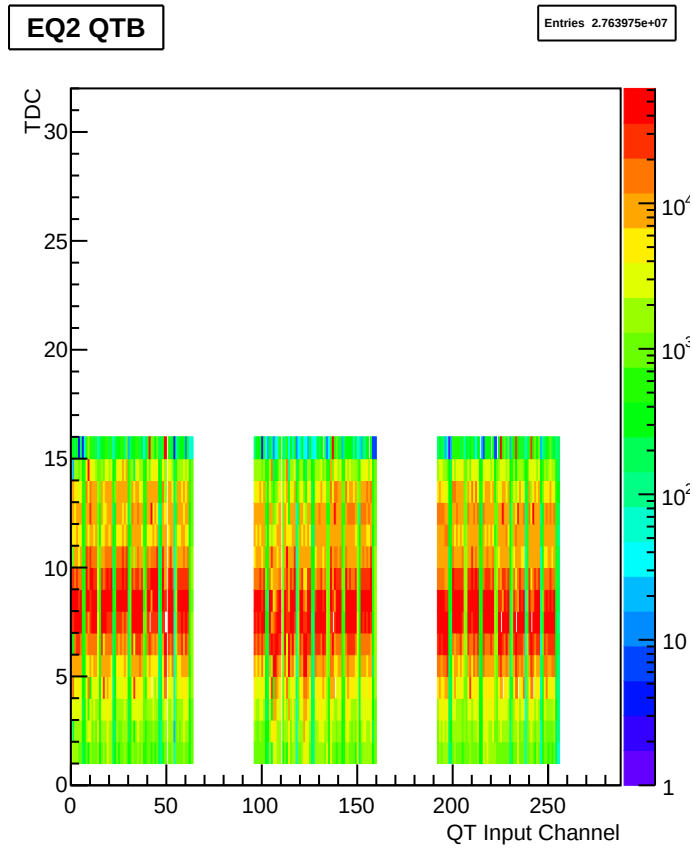

EQ1 QTB
Entries 8.04623e+07
ADC
QT Input Channel

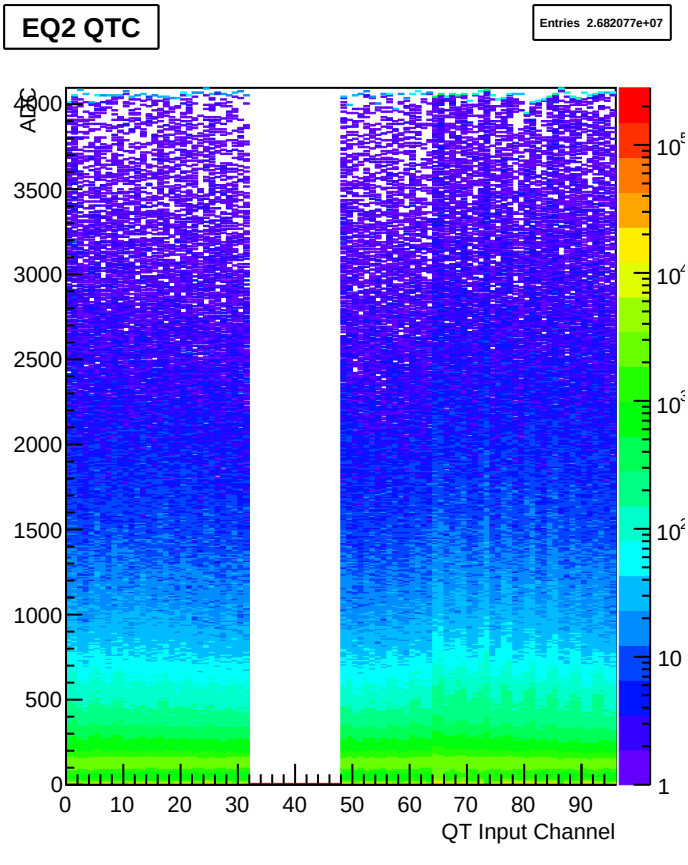

EQ1 QTB
Entries 2.741292e+07
TDC
QT Input Channel

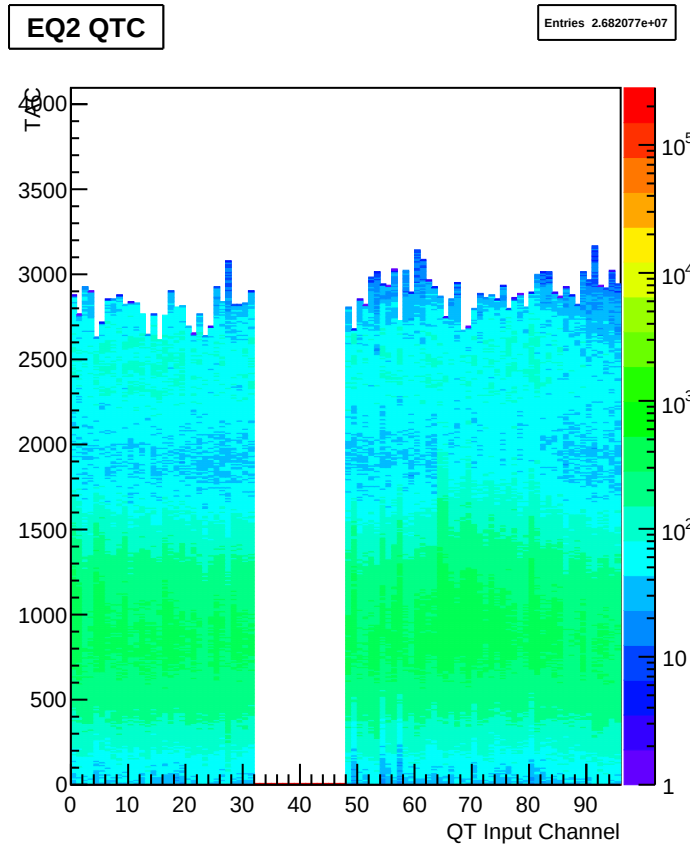

EQ1 QTC
Entries 2.682077e+07
ADC
QT Input Channel

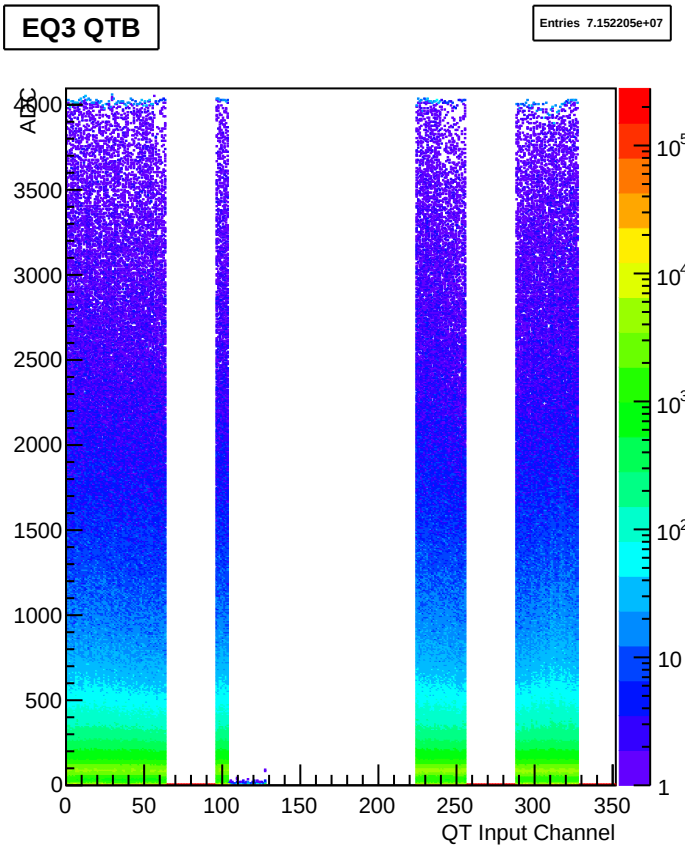

EQ1 QTC
Entries 2.682077e+07
TADC
QT Input Channel

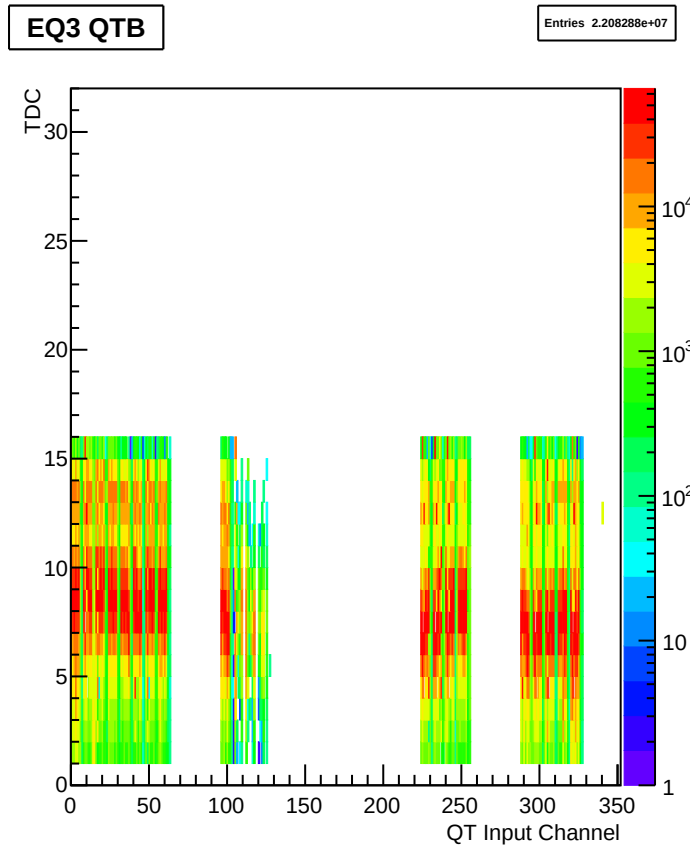

EQ2 QTB
Entries 8.04623e+07
ADC
QT Input Channel

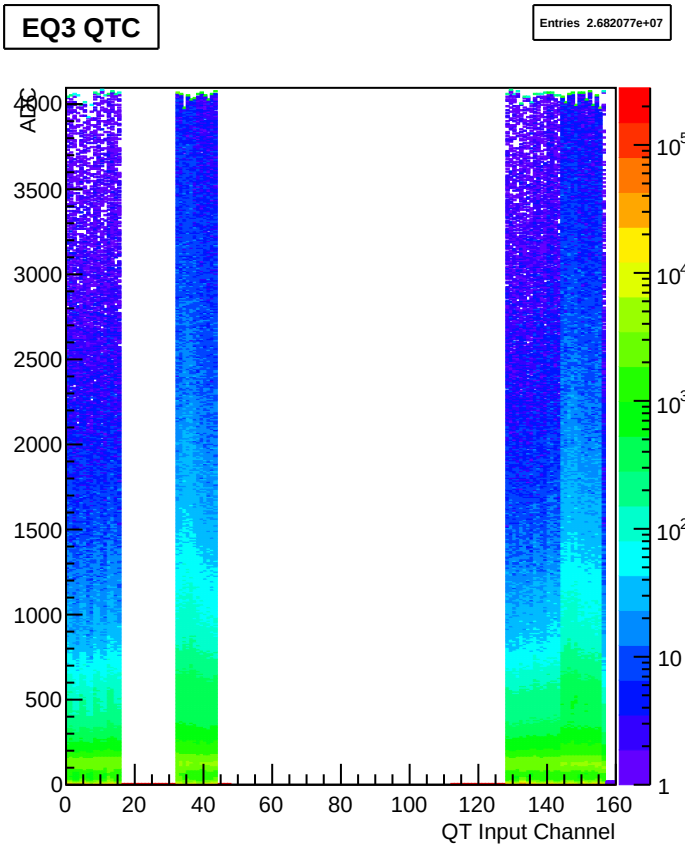

EQ2 QTB
Entries 2.763975e+07
TDC
QT Input Channel

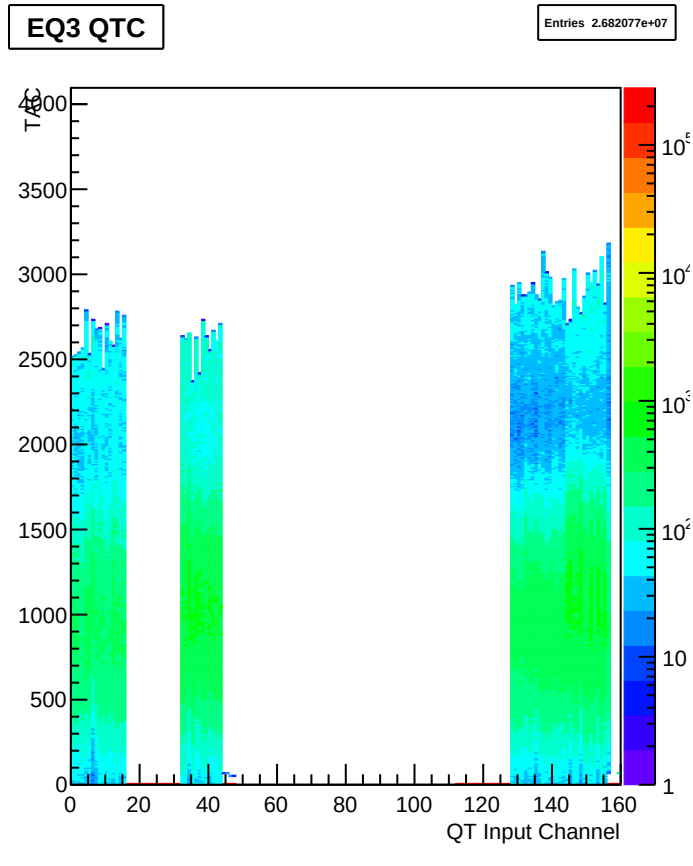

EQ2 QTC
Entries 2.682077e+07
ADC
QT Input Channel

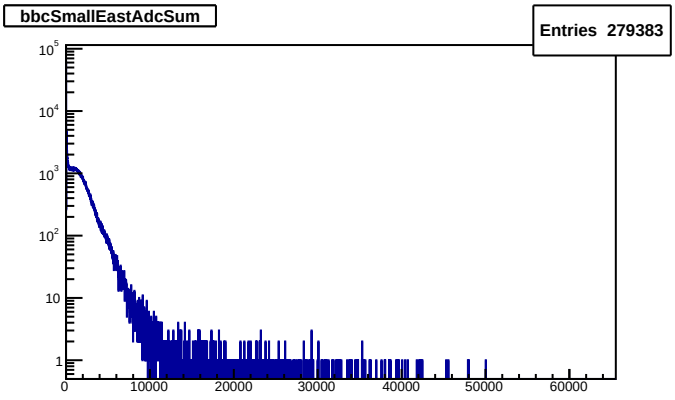

EQ2 QTC
Entries 2.682077e+07
TADC
QT Input Channel

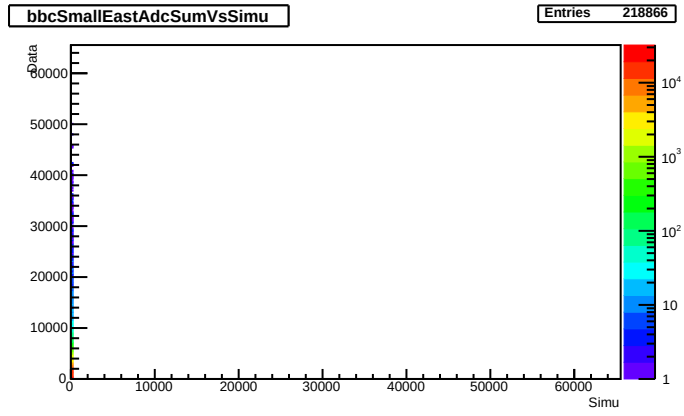

EQ3 QTB
Entries 7.152205e+07
ADC
QT Input Channel

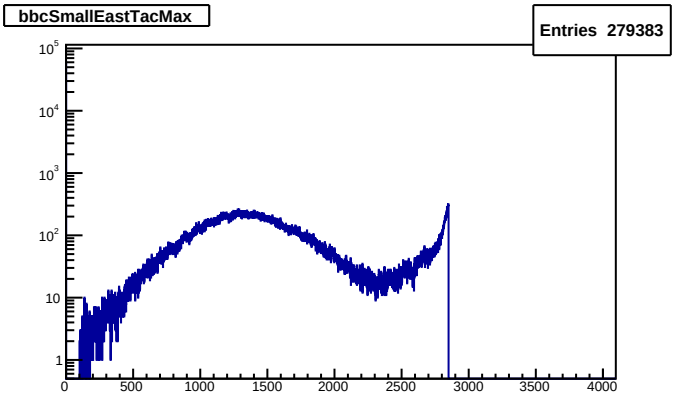

EQ3 QTB
Entries 2.208288e+07
TDC
QT Input Channel

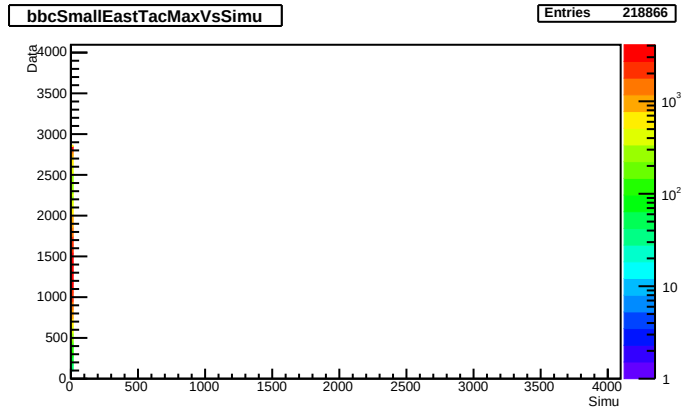

EQ3 QTC
Entries 2.682077e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.682077e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 279383


bbcSmallEastAdcSumVsSimu
Entries 218866
Data
Simu


bbcSmallEastTacMax
Entries 279383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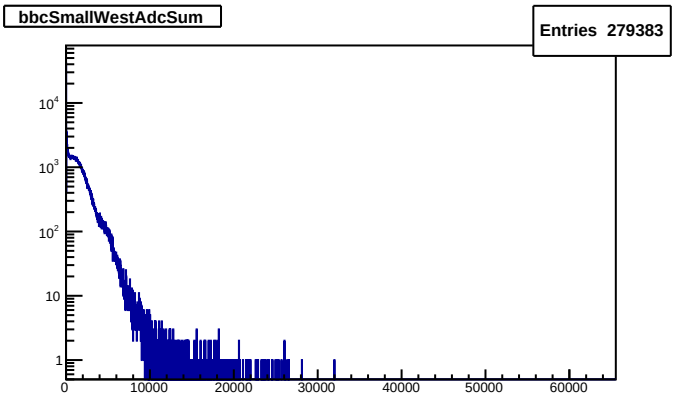
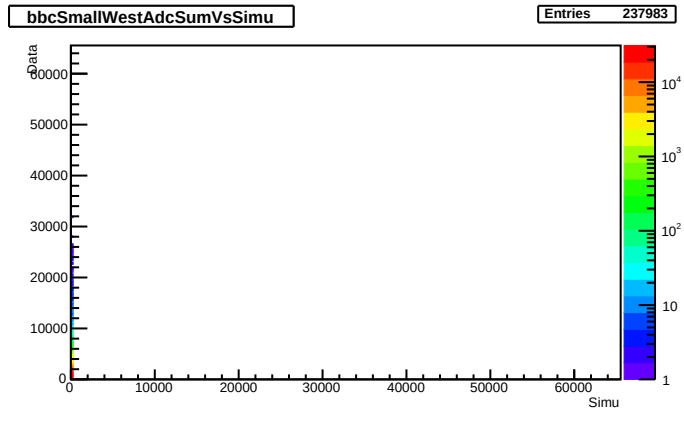
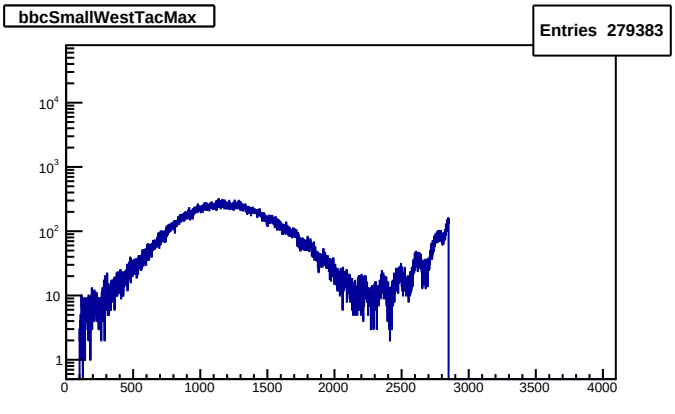
Entries 218866
Data
Simu


bbcSmallWestAdcSum
Entries 279383


bbcSmallWestAdcSumVsSimu
Entries 237983
Data
Simu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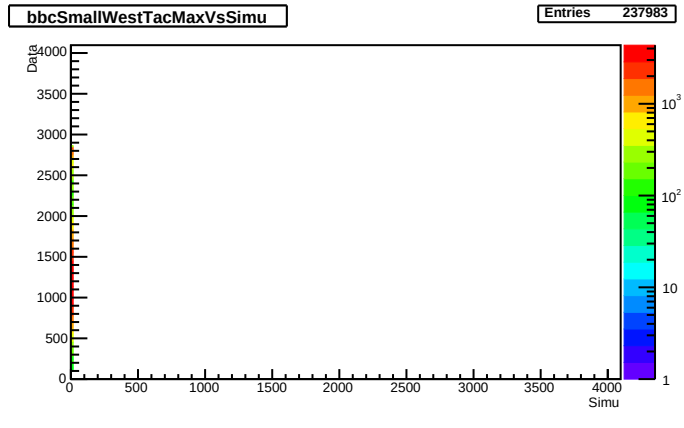
Entries 279383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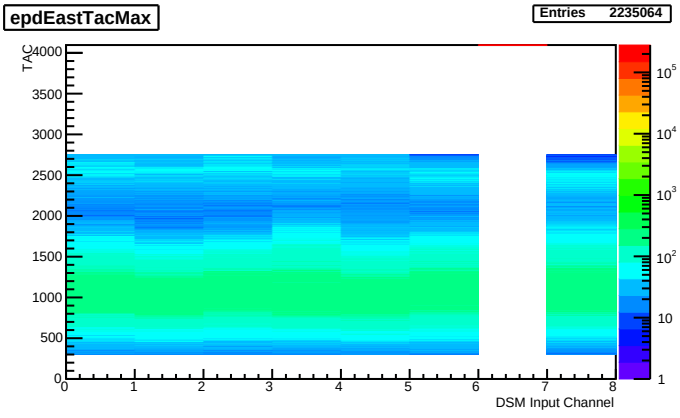
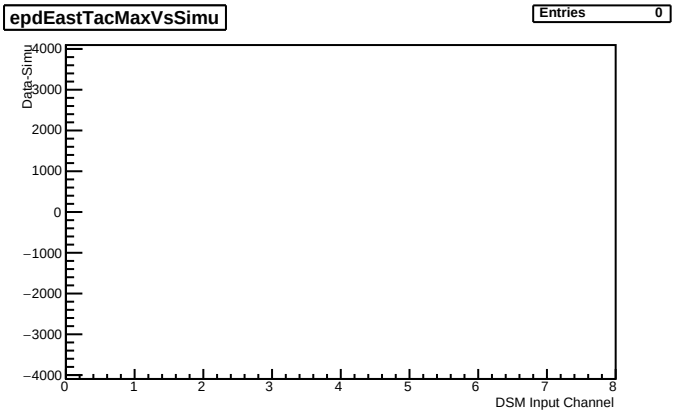
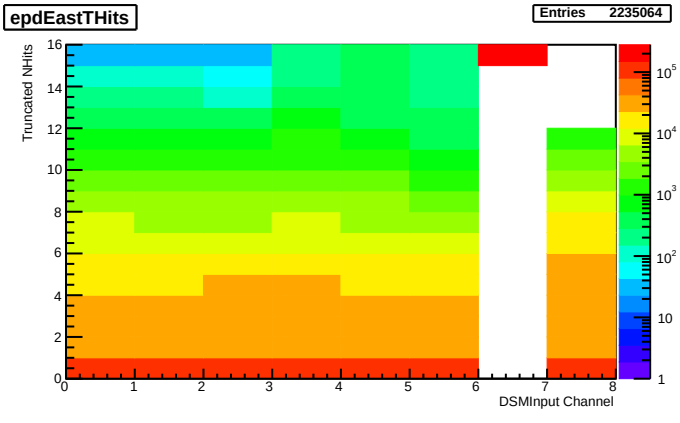
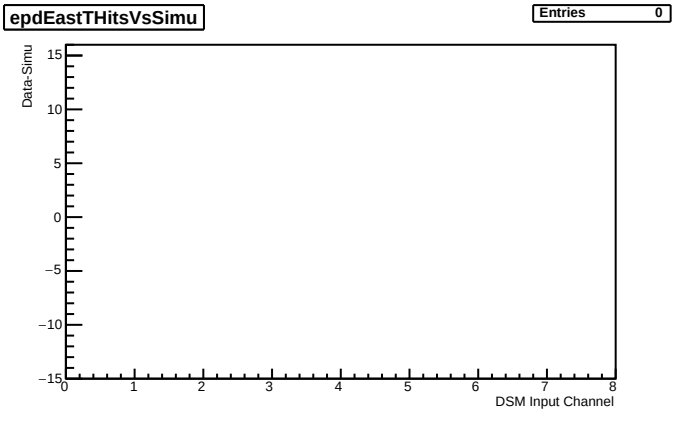
Entries 237983
Data
Simu


epdEastTacMax
Entries 2235064
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2235064
Truncated NHits
DSMInput Channel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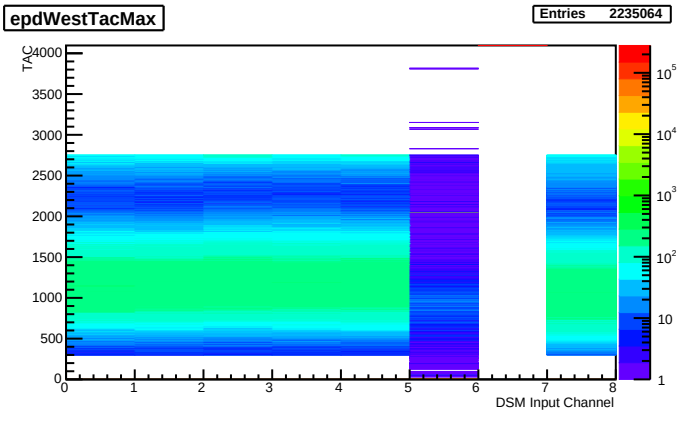
Entries 0
Data-Simu
DSM Input Channel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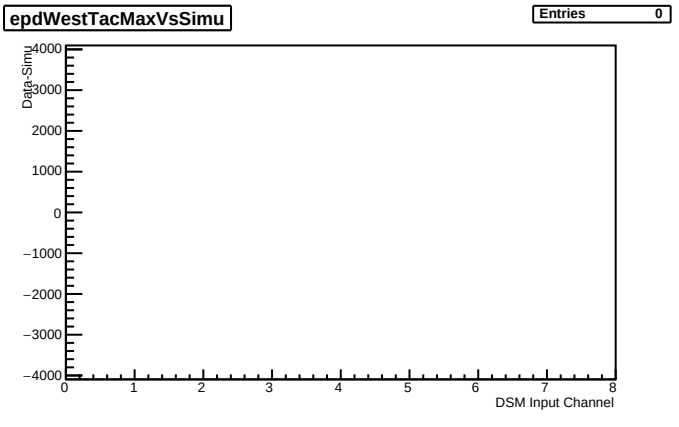
Entries 2235064
TAC
DSM Input Channel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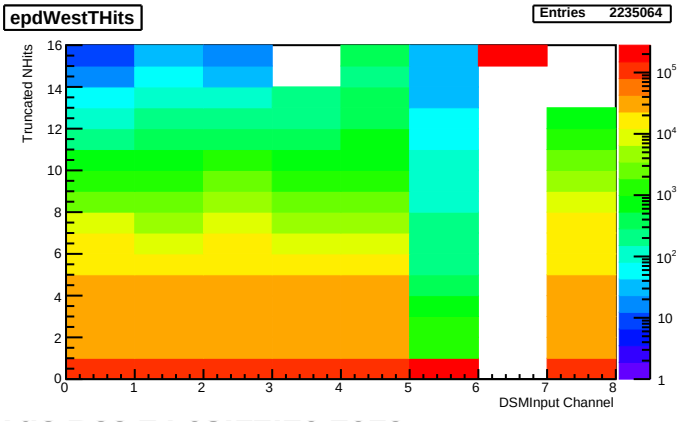
Entries 0
Data-Simu
DSM Input Channel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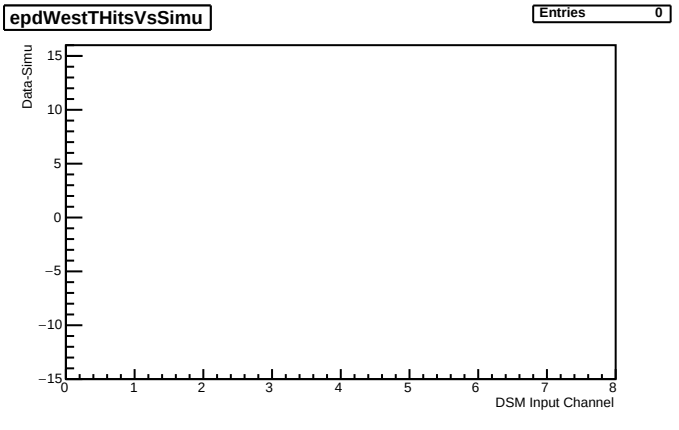
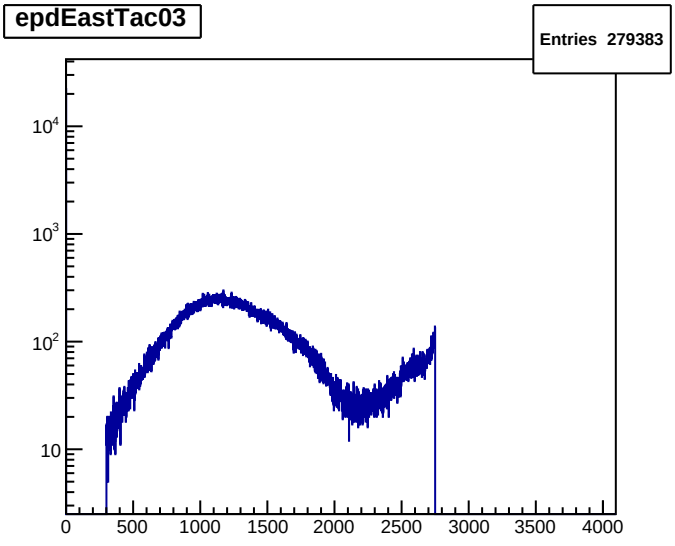
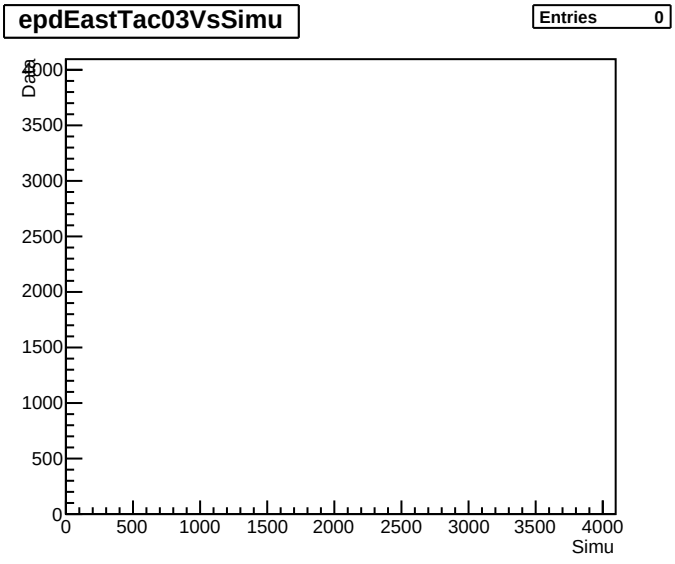
Entries 2235064
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 279383
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac03VsSimu
Entries 0
Data
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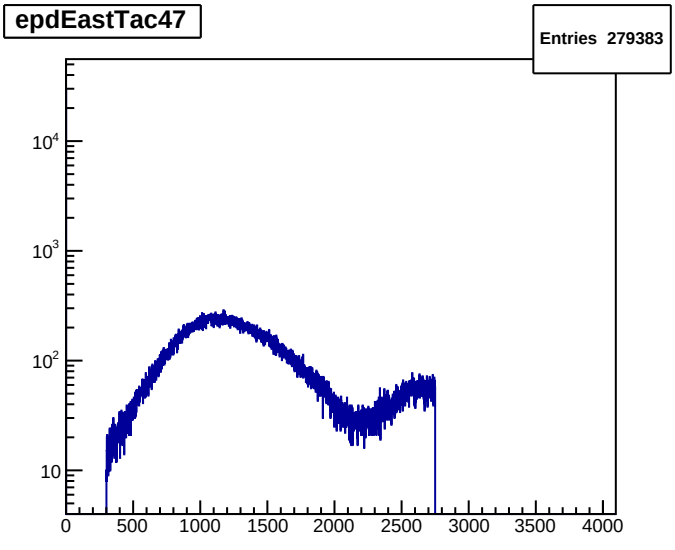
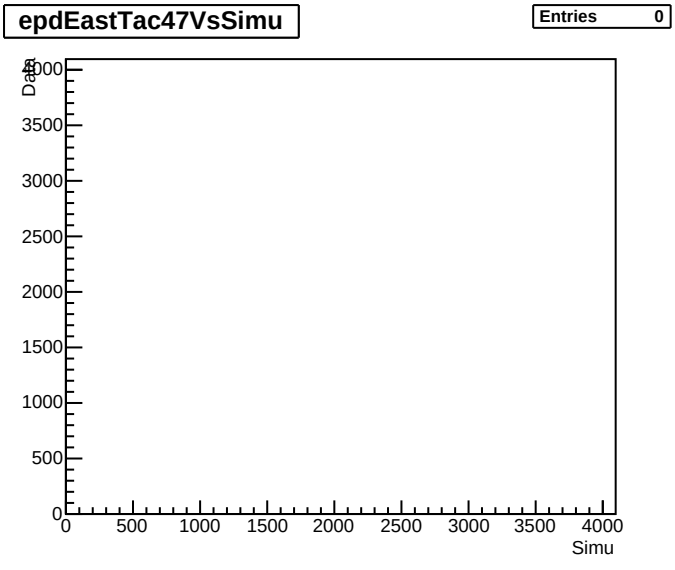
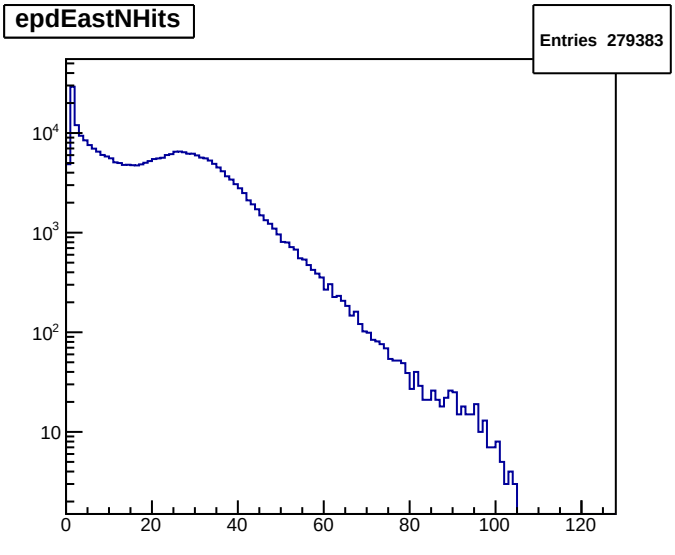
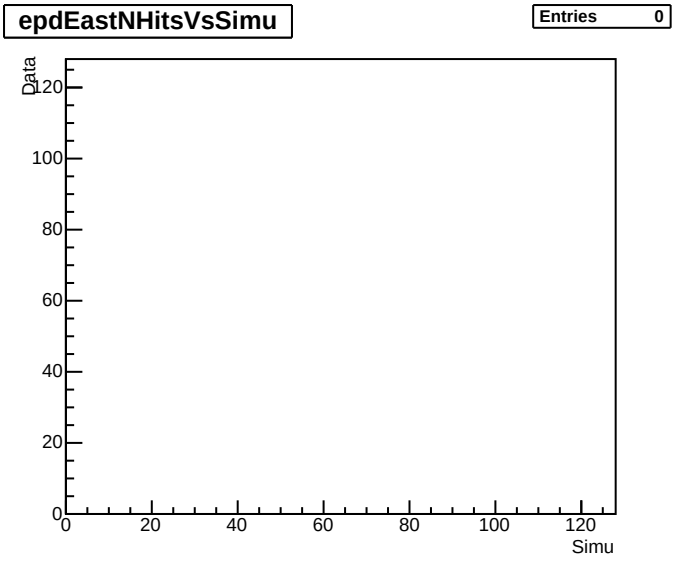
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastTac47
Entries 279383
10^4
10^3
10^2
10
0 500 1000 1500 2000 2500 3000 3500 4000


epdEastTac47VsSimu
Entries 0
Data
4000 3500 3000 2500 2000 1500 1000 500 0
0 500 1000 1500 2000 2500 3000 3500 4000
Simu


epdEastNHits
Entries 279383
10^4
10^3
10^2
10
0 20 40 60 80 100 120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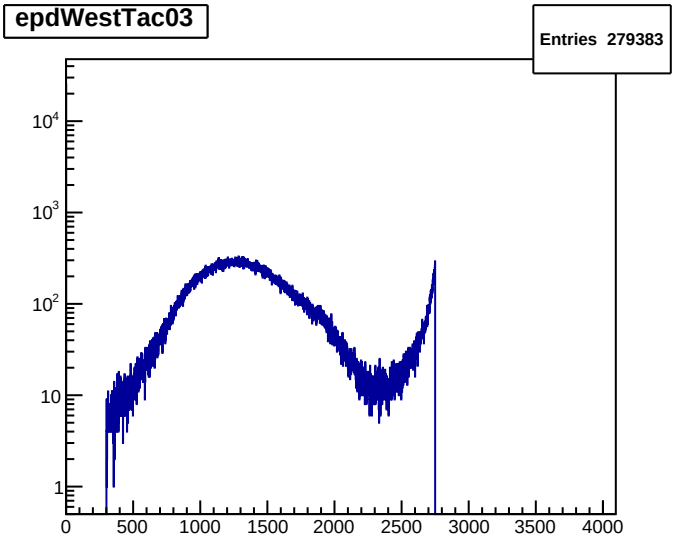
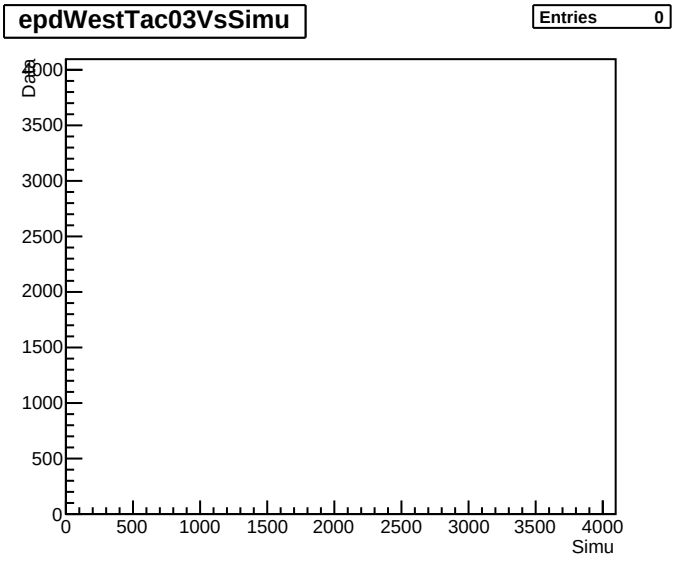
Entries 0
Data
120 100 80 60 40 20 0
0 20 40 60 80 100 120
Simu


epdWestTac03
Entries 279383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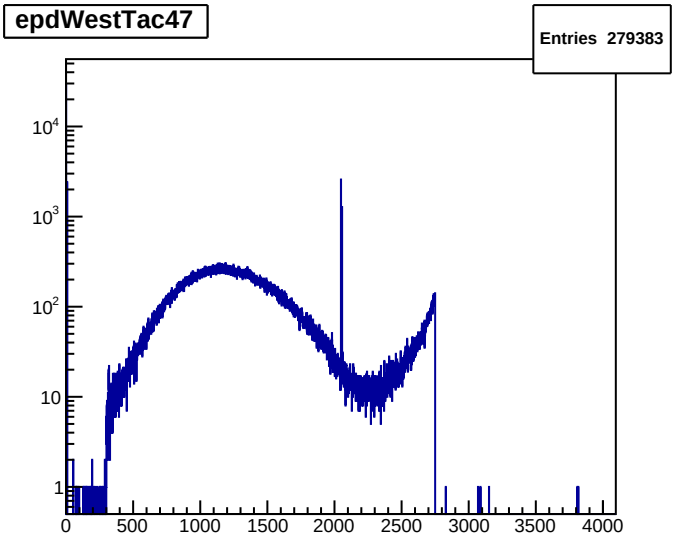
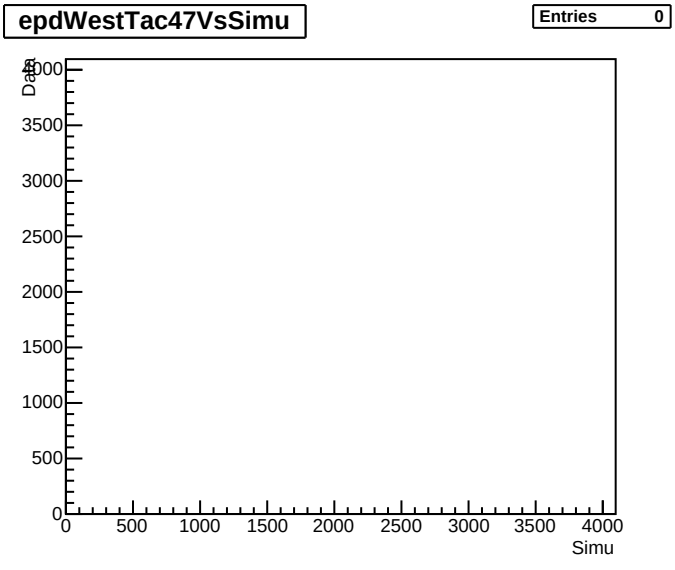
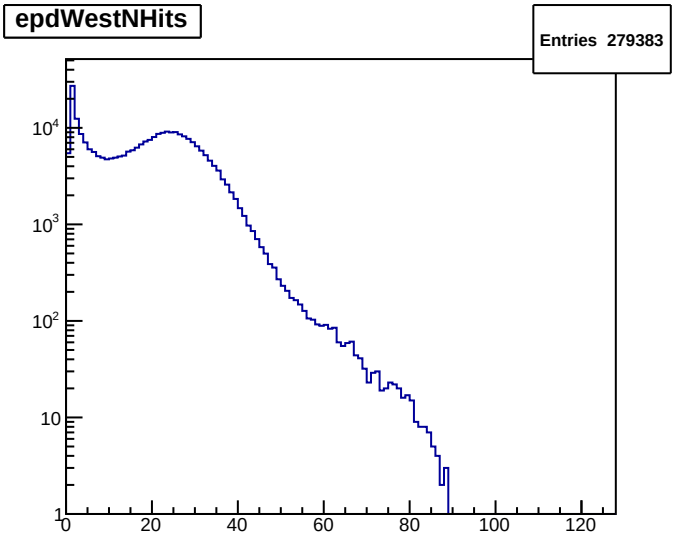
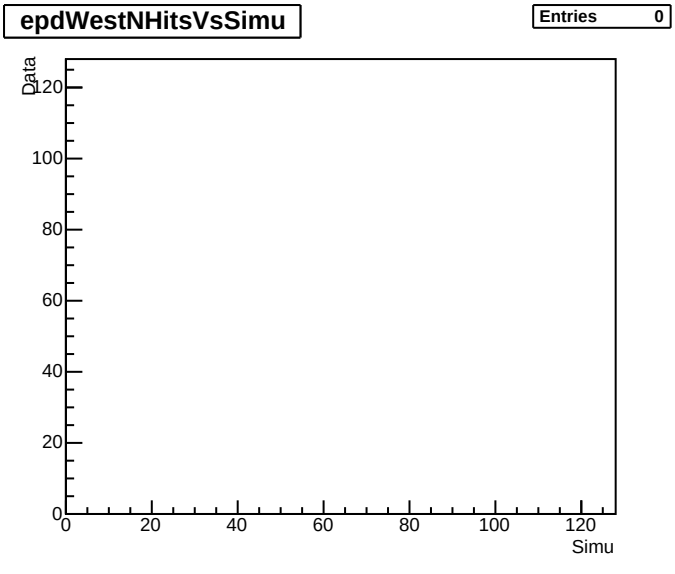
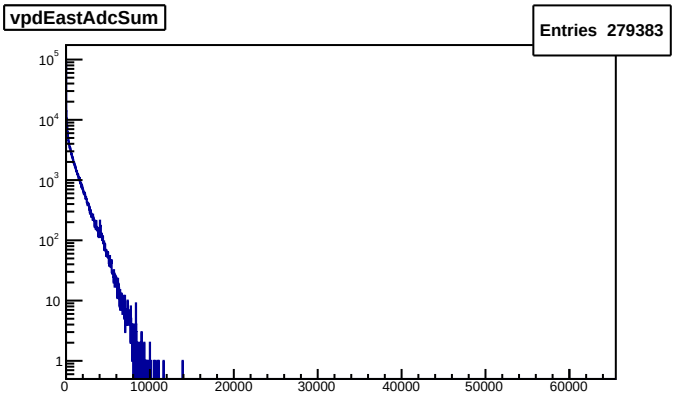
Entries 0
Data
Simu

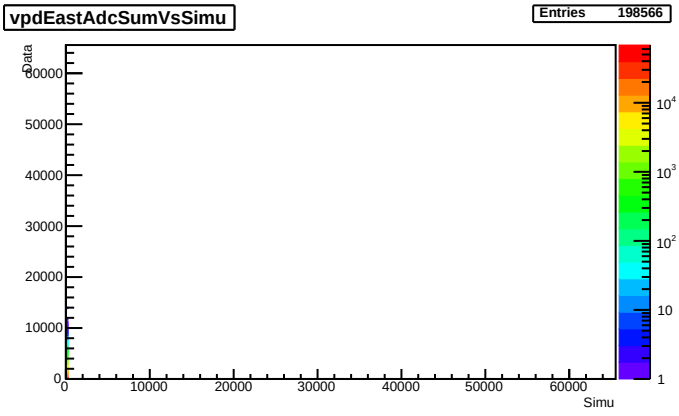

epdWestTac47
Entries 279383

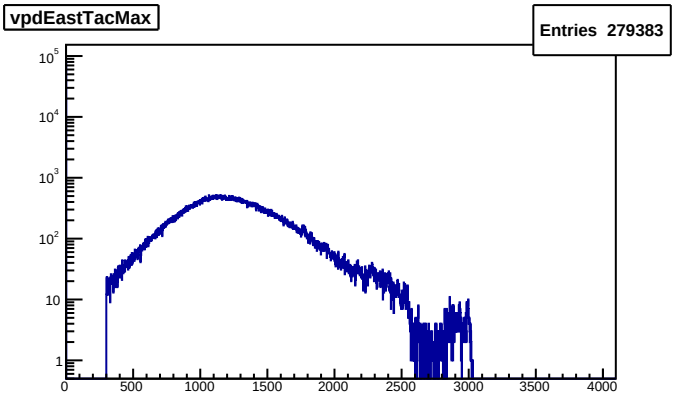

epdWestTac47VsSimu
Entries 0
Data
Simu

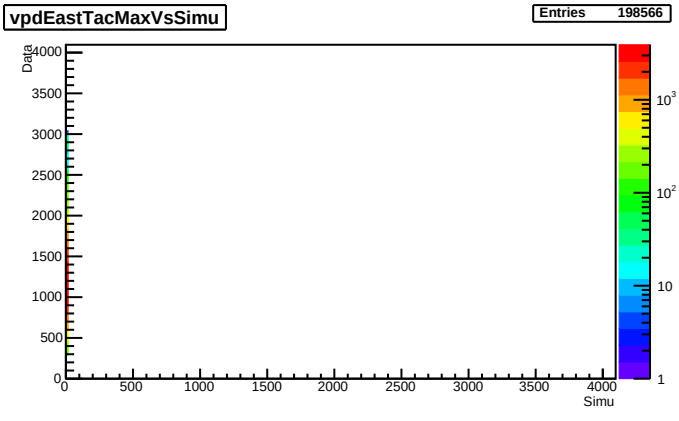

epdWestNHits
Entries 279383

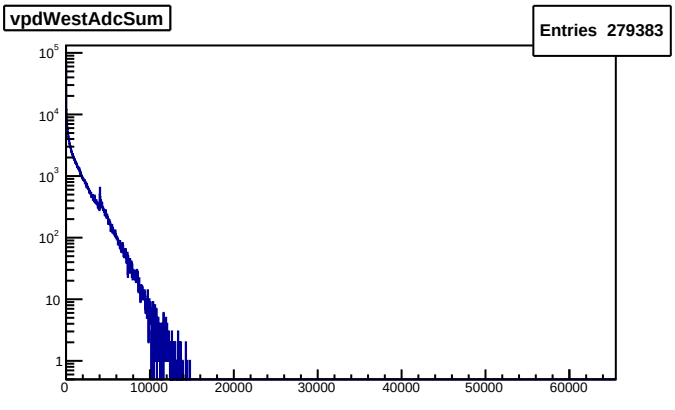

epdWestNHitsVsSimu
Entries 0
Data
Simu

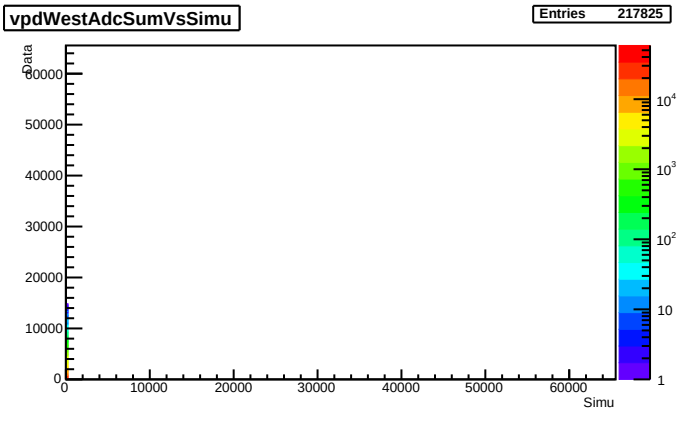

vpdEastAdcSum
Entries 279383

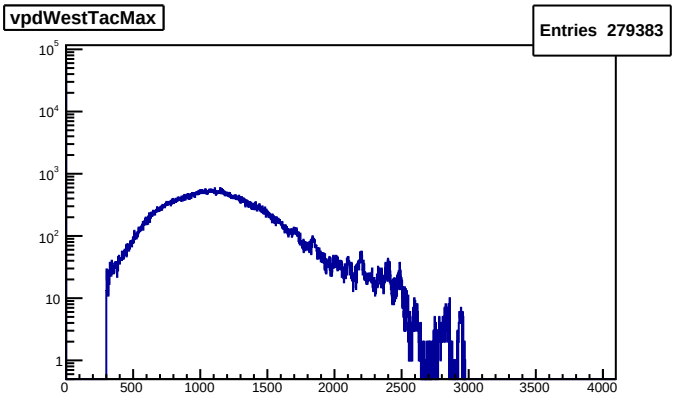

vpdEastAdcSumVsSimu
Entries 198566
Data
Simu

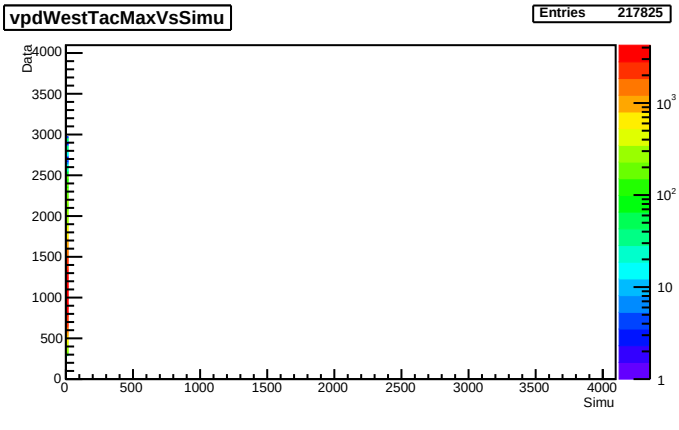

vpdEastTacMax
Entries 279383

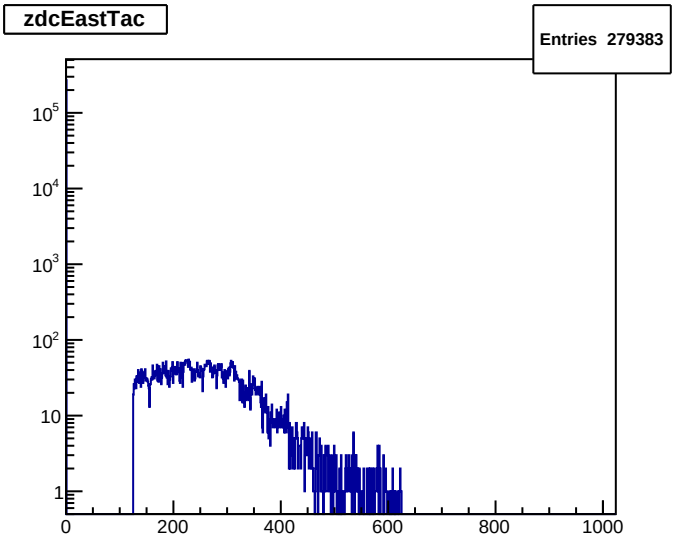

vpdEastTacMaxVsSimu
Entries 198566
Data
Simu

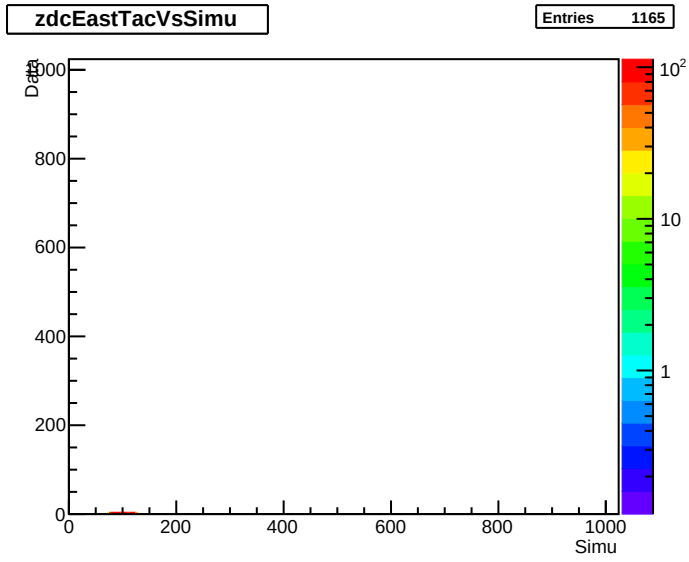

vpdWestAdcSum
Entries 279383

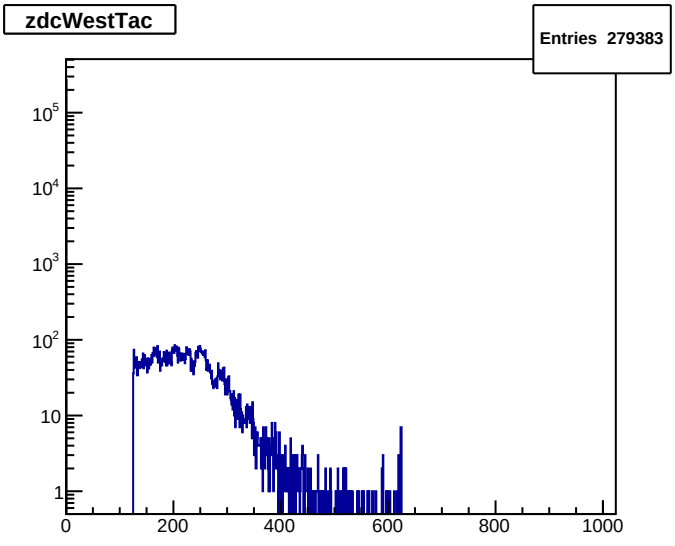

vpdWestAdcSumVsSimu
Entries 217825
Data
Simu

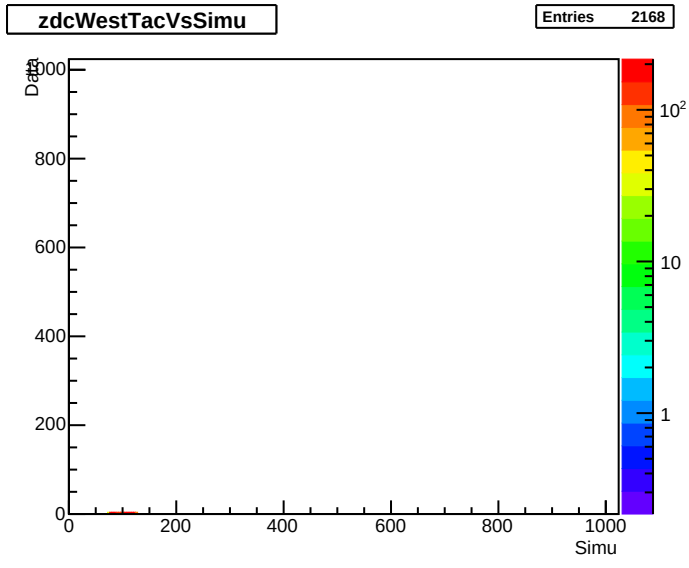

vpdWestTacMax
Entries 279383

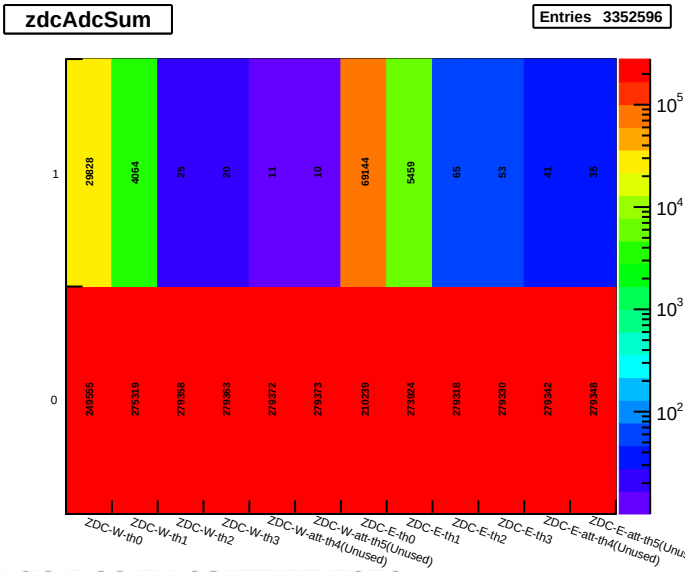

vpdWestTacMaxVsSimu
Entries 217825
Data
Simu

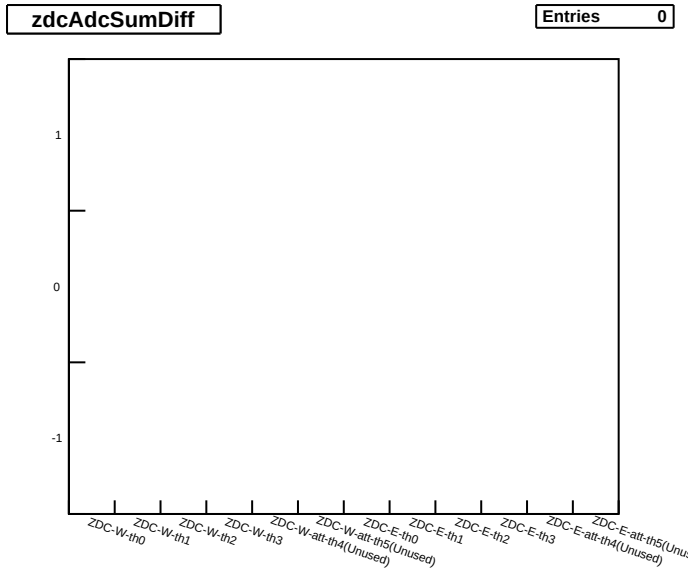

zdcEastTac
Entries 279383

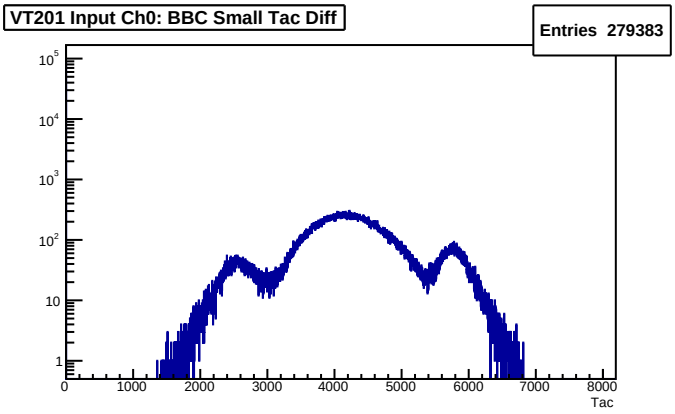

zdcEastTacVsSimu
Entries 1165
Data
Simu

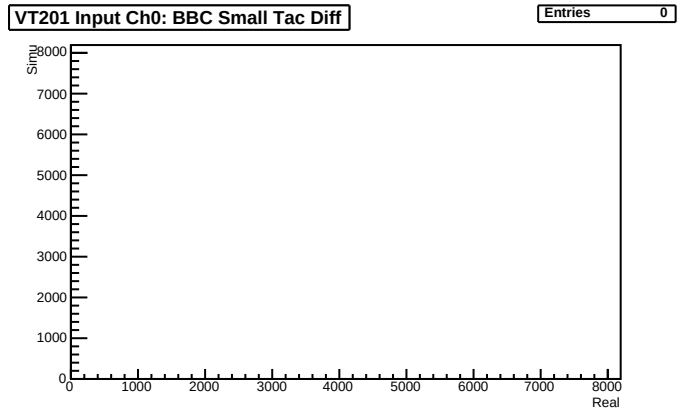

zdcWestTac
Entries 279383

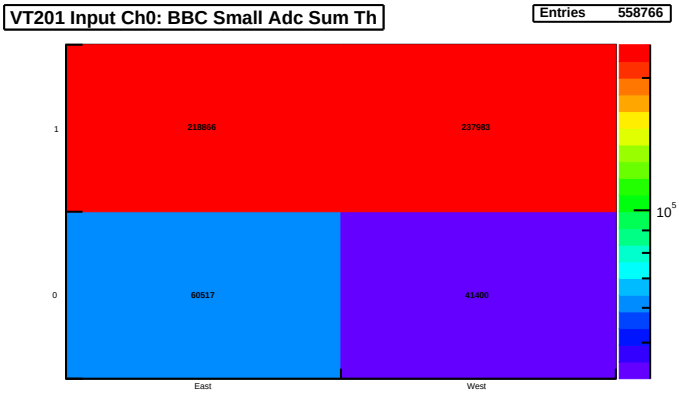

zdcWestTacVsSimu
Entries 2168
Data
Simu

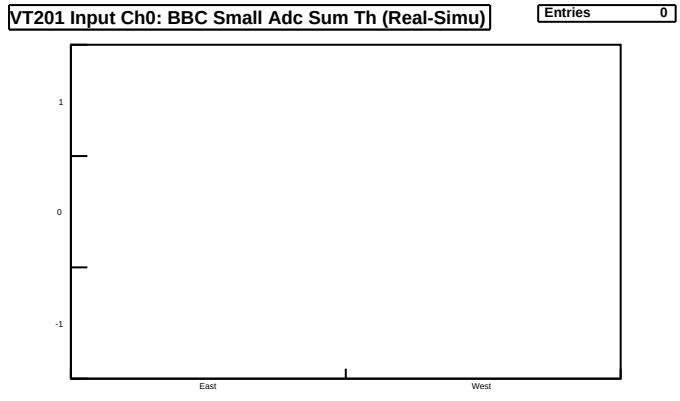

zdcAdcSum
Entries 3352596
29828
4064
25
20
11
10
69144
5459
65
53
41
35
249555
275319
279358
279363
279372
279373
210239
273924
279318
279330
279342
279348
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

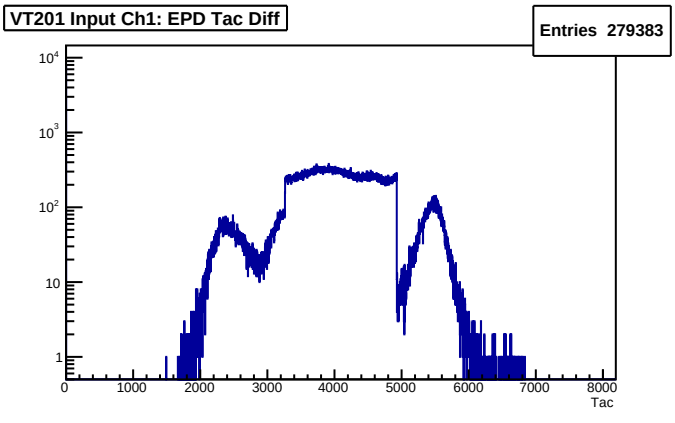

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

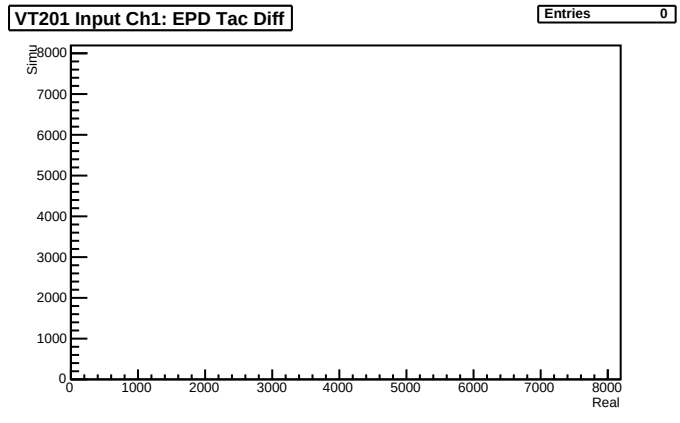

VT201 Input Ch0: BBC Small Tac Diff
Entries 279383
Tac

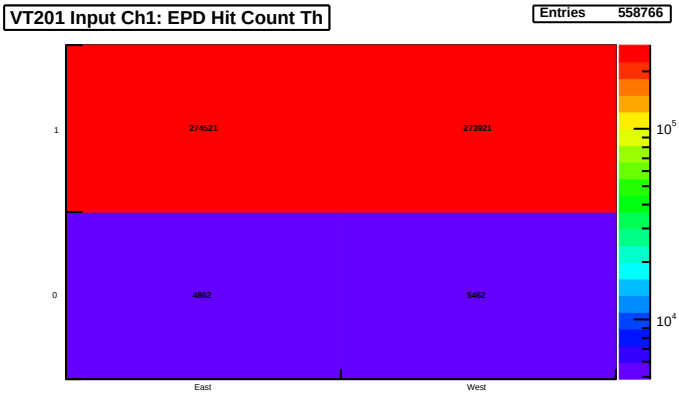

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

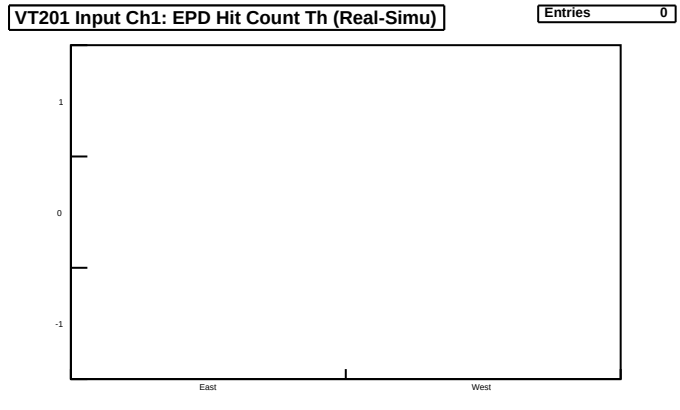

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 558766
218866
237983
60517
41400
East
West

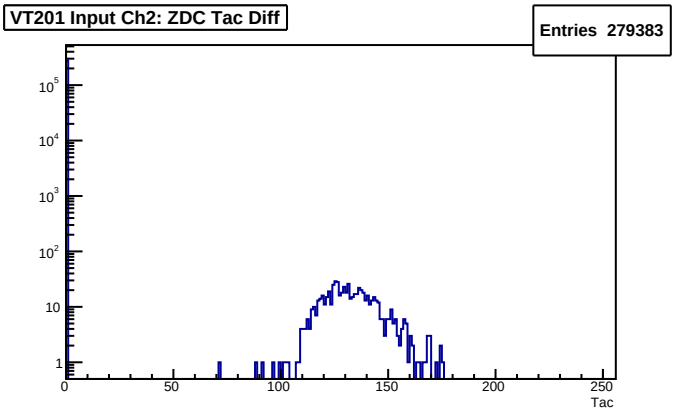

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

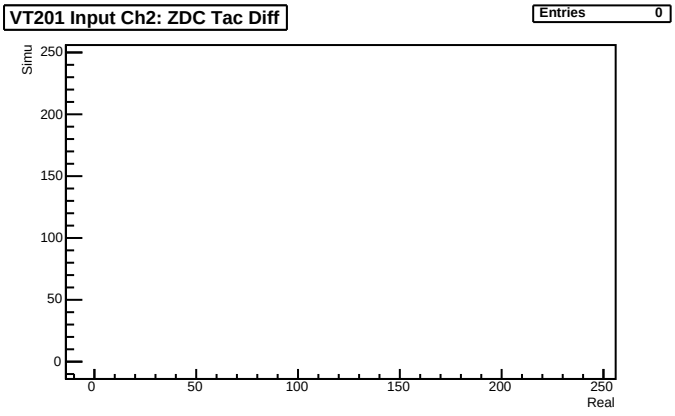

VT201 Input Ch1: EPD Tac Diff
Entries 279383
Tac

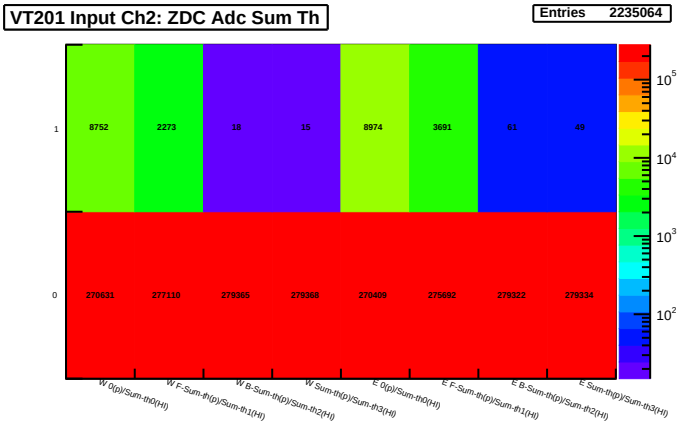

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

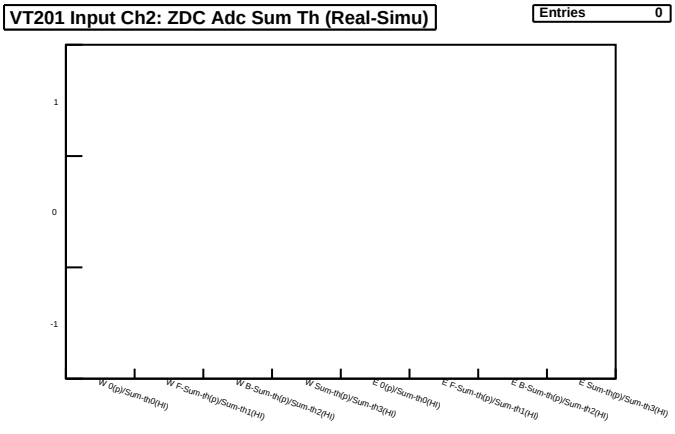

VT201 Input Ch1: EPD Hit Count Th
Entries 558766
274521
273921
4862
5462
East
West

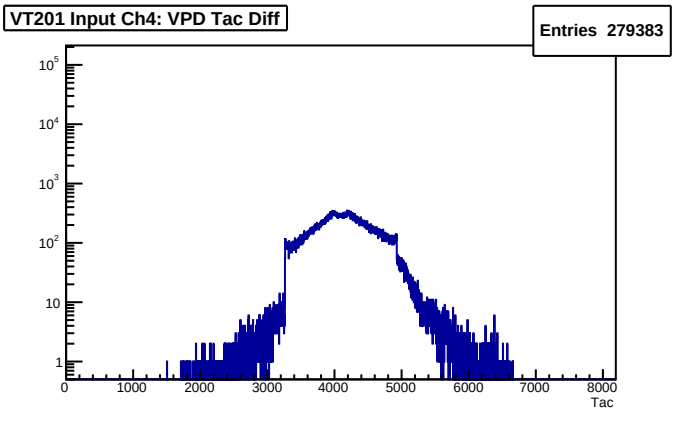

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

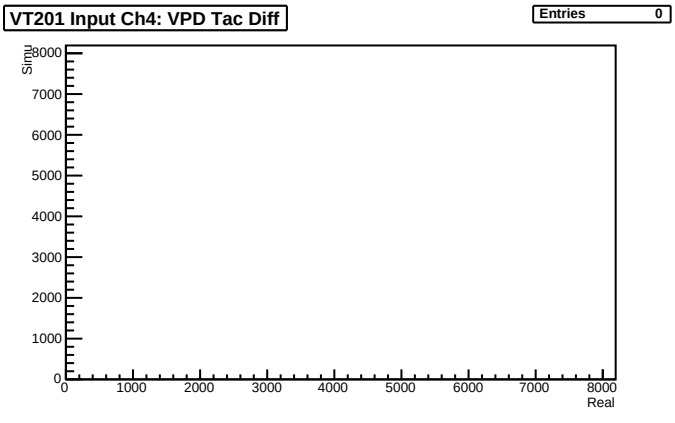

VT201 Input Ch2: ZDC Tac Diff
Entries 279383
Tac

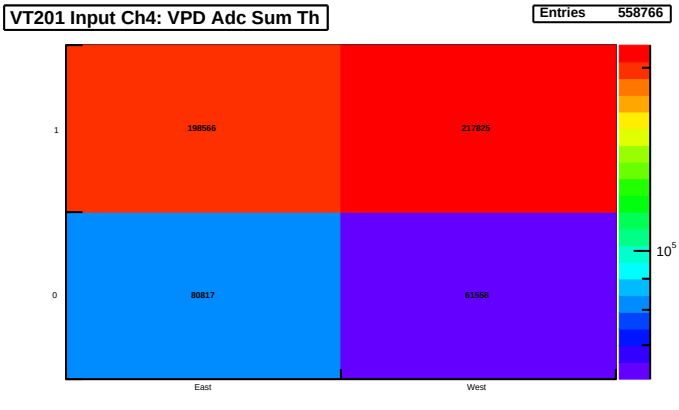

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

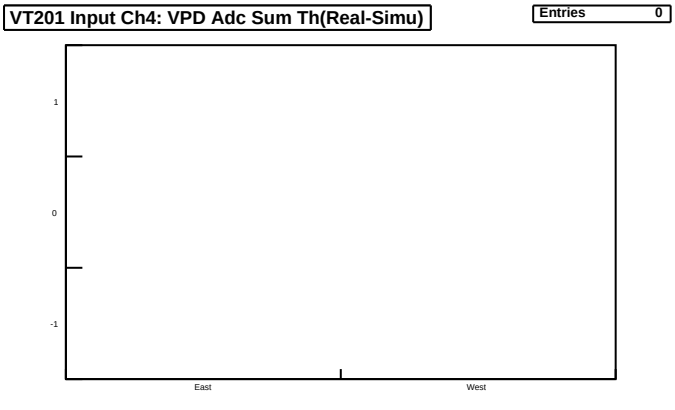

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2235064
8752
2273
18
15
8974
3691
61
49
270631
277110
279365
279368
270409
275692
279322
279334
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

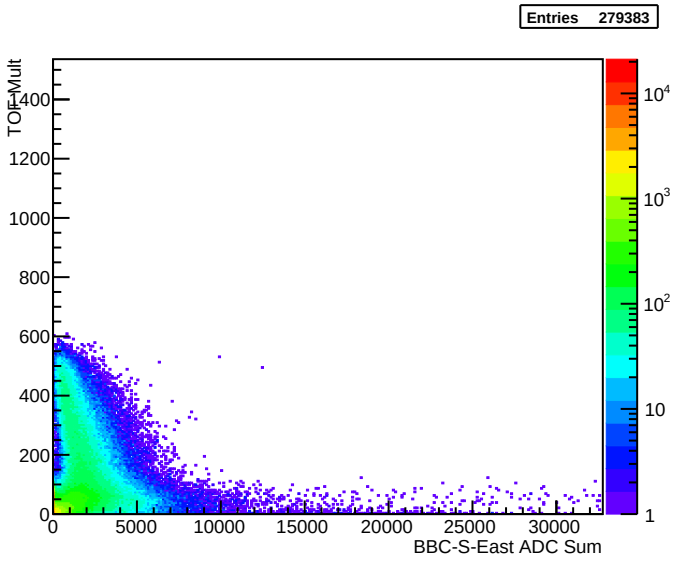

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

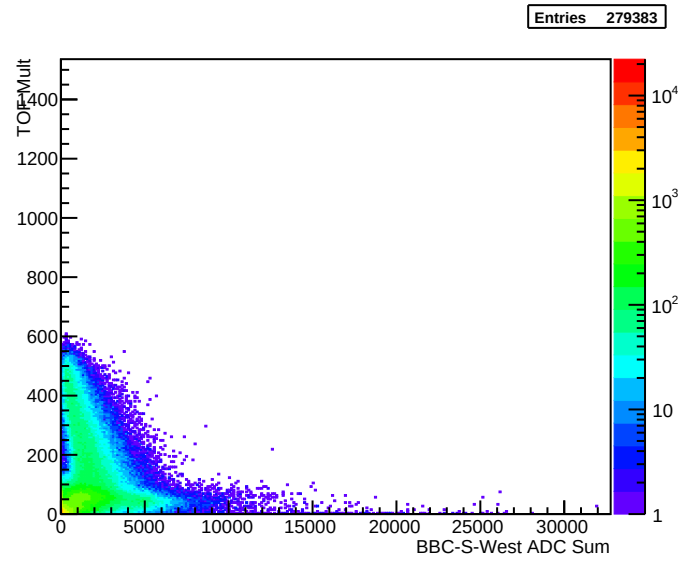

VT201 Input Ch4: VPD Tac Diff
Entries 279383
Tac

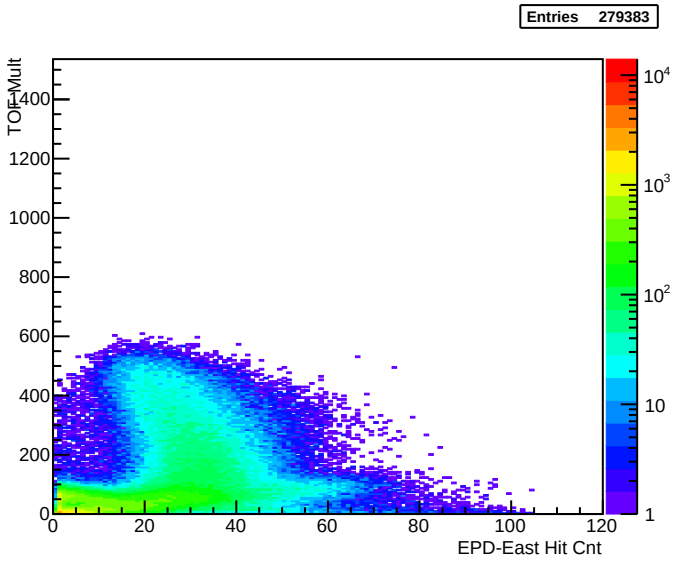

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

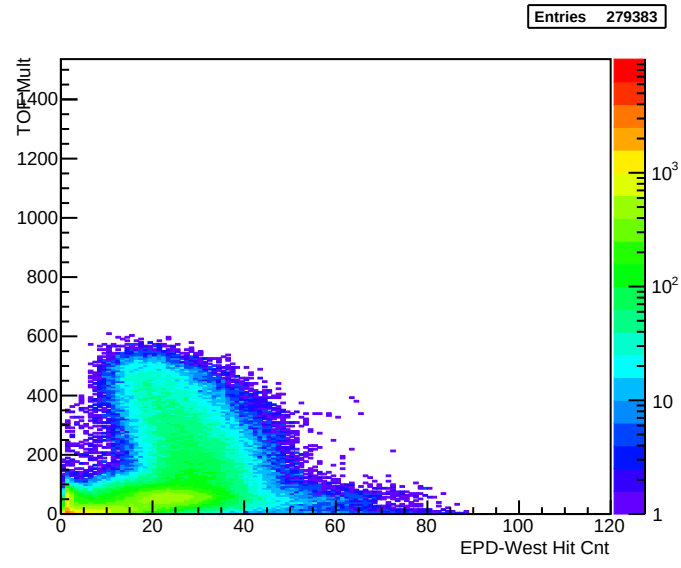

VT201 Input Ch4: VPD Adc Sum Th
Entries 558766
198566
217825
80817
61558
East
West

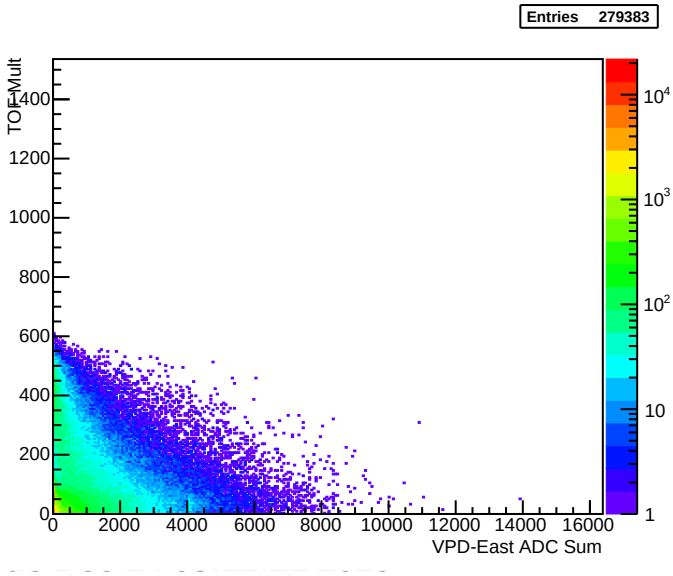

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

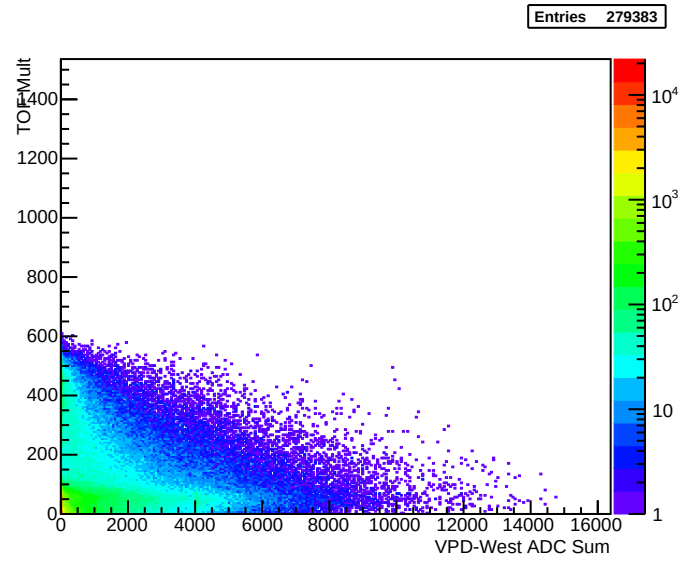

Entries 279383
TOF-Mult
BBC-S-East ADC Sum

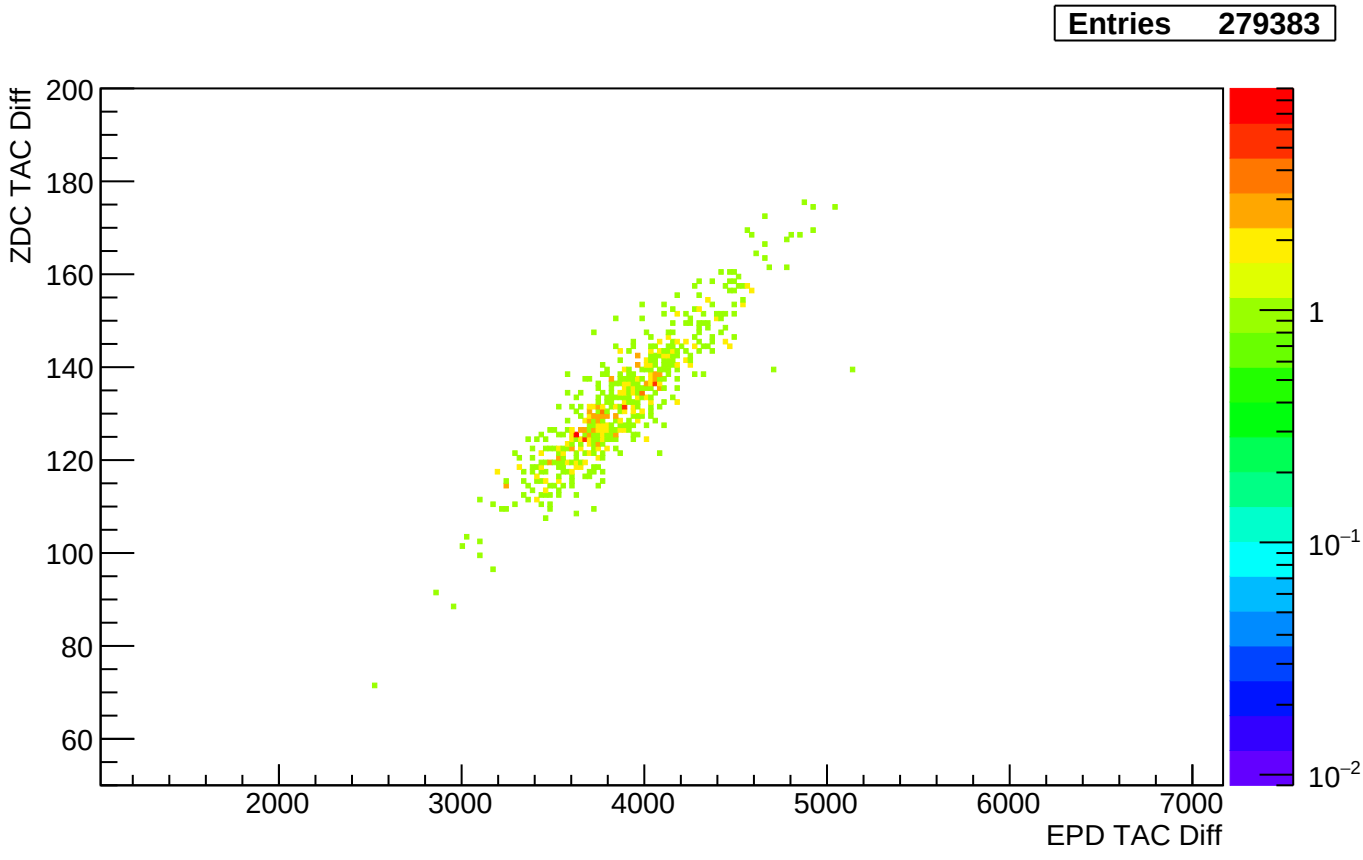

Entries 279383
TOF-Mult
BBC-S-West ADC Sum

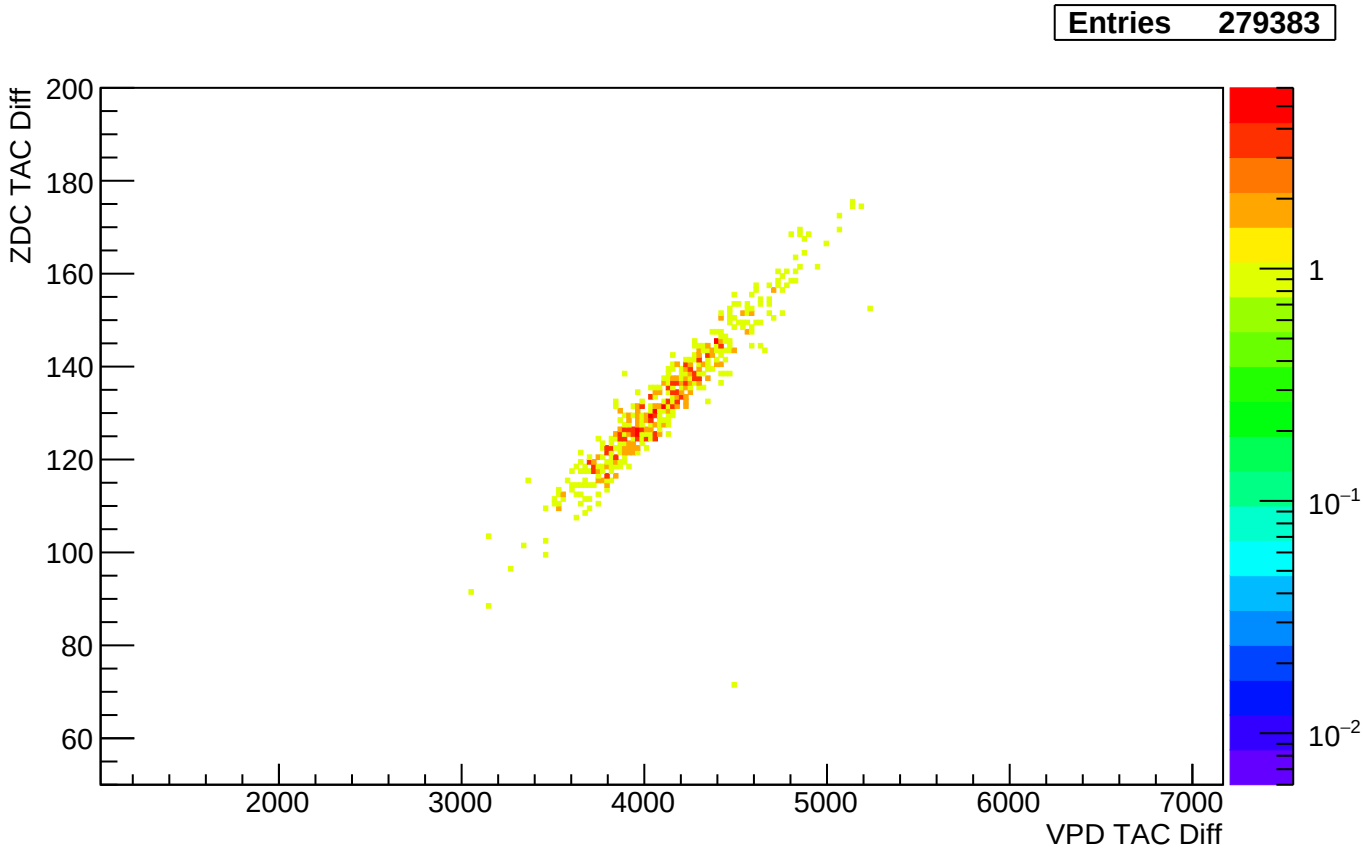

Entries 279383
TOF-Mult
EPD-East Hit Cnt

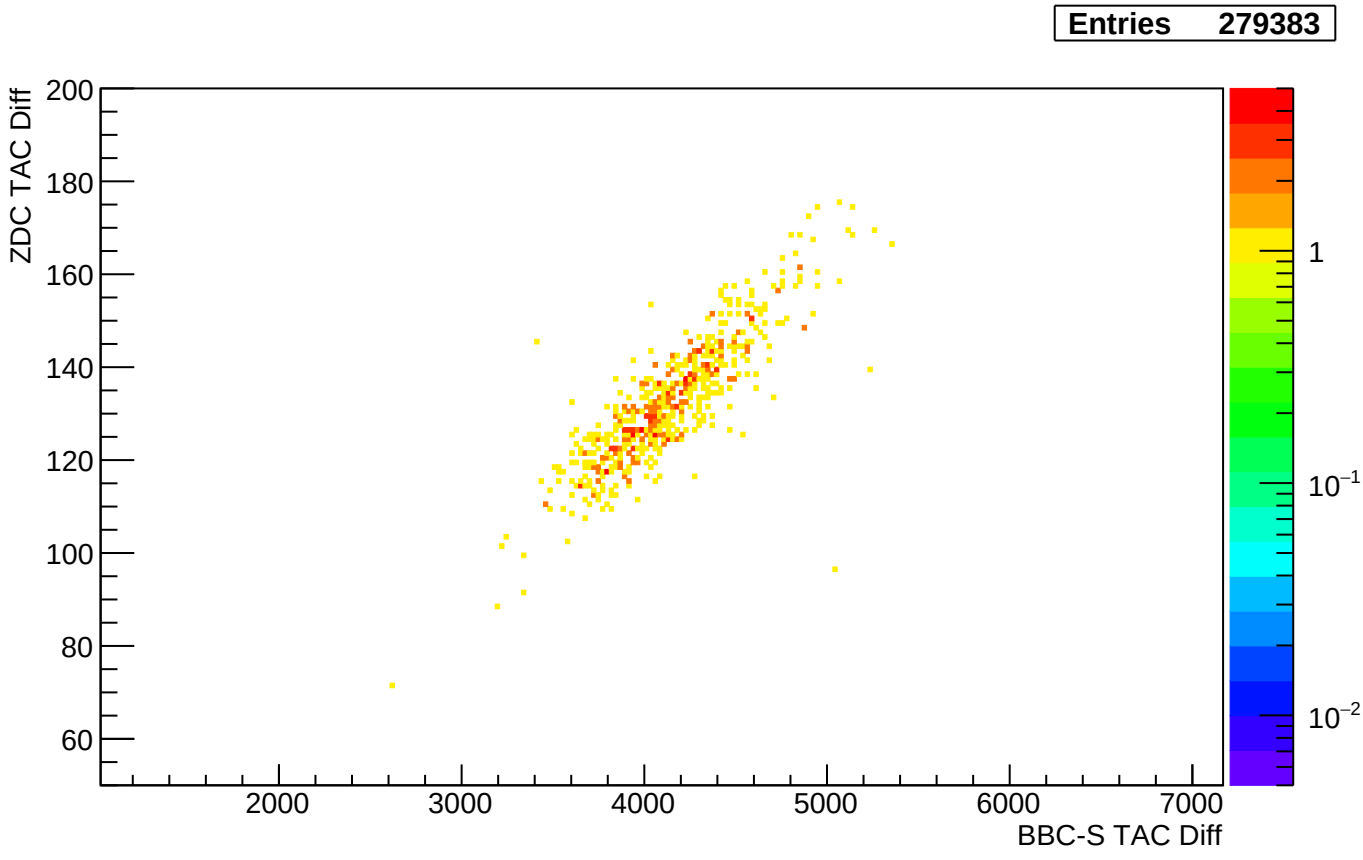

Entries 279383
TOF-Mult
EPD-West Hit Cnt

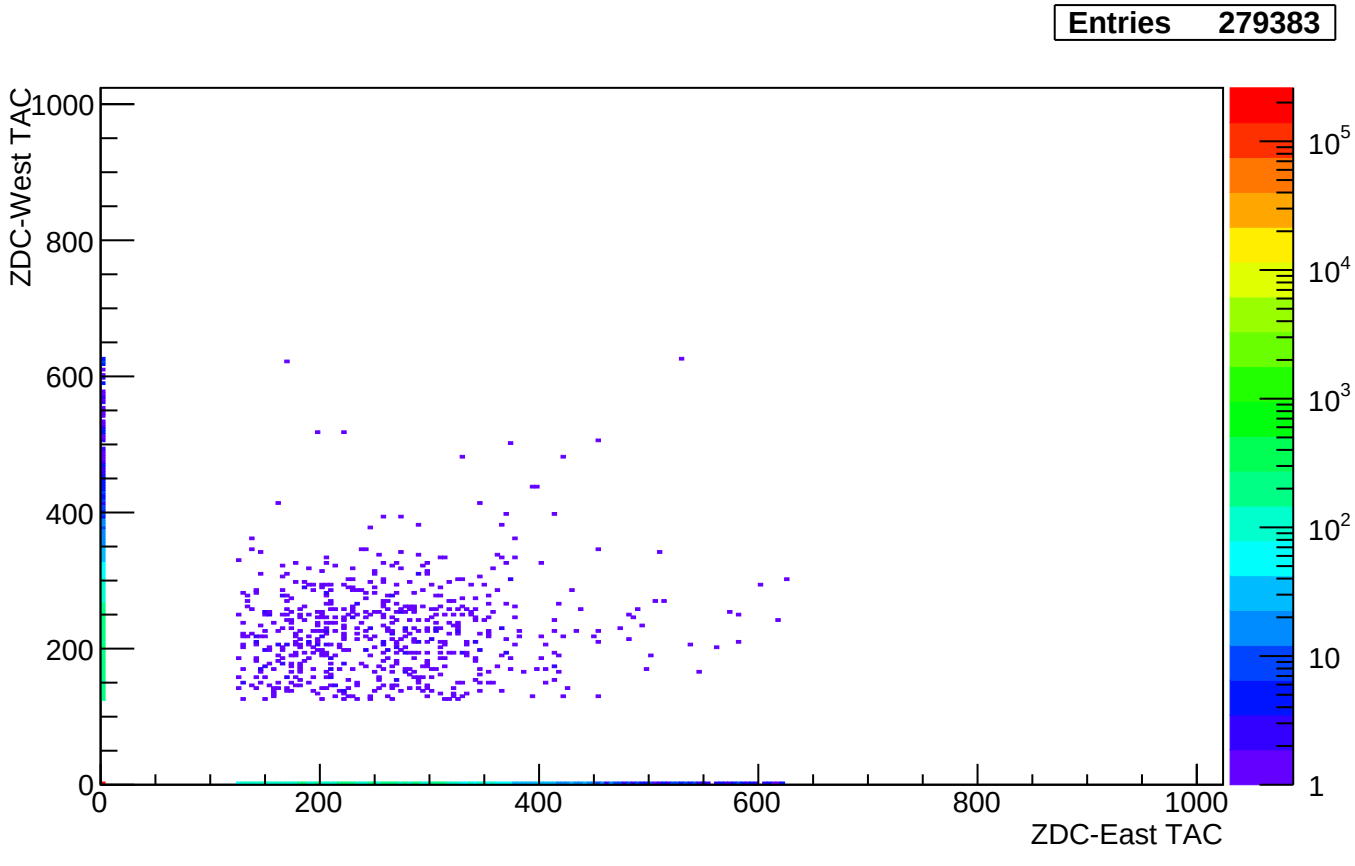

Entries 279383
TOF-Mult
VPD-East ADC Sum

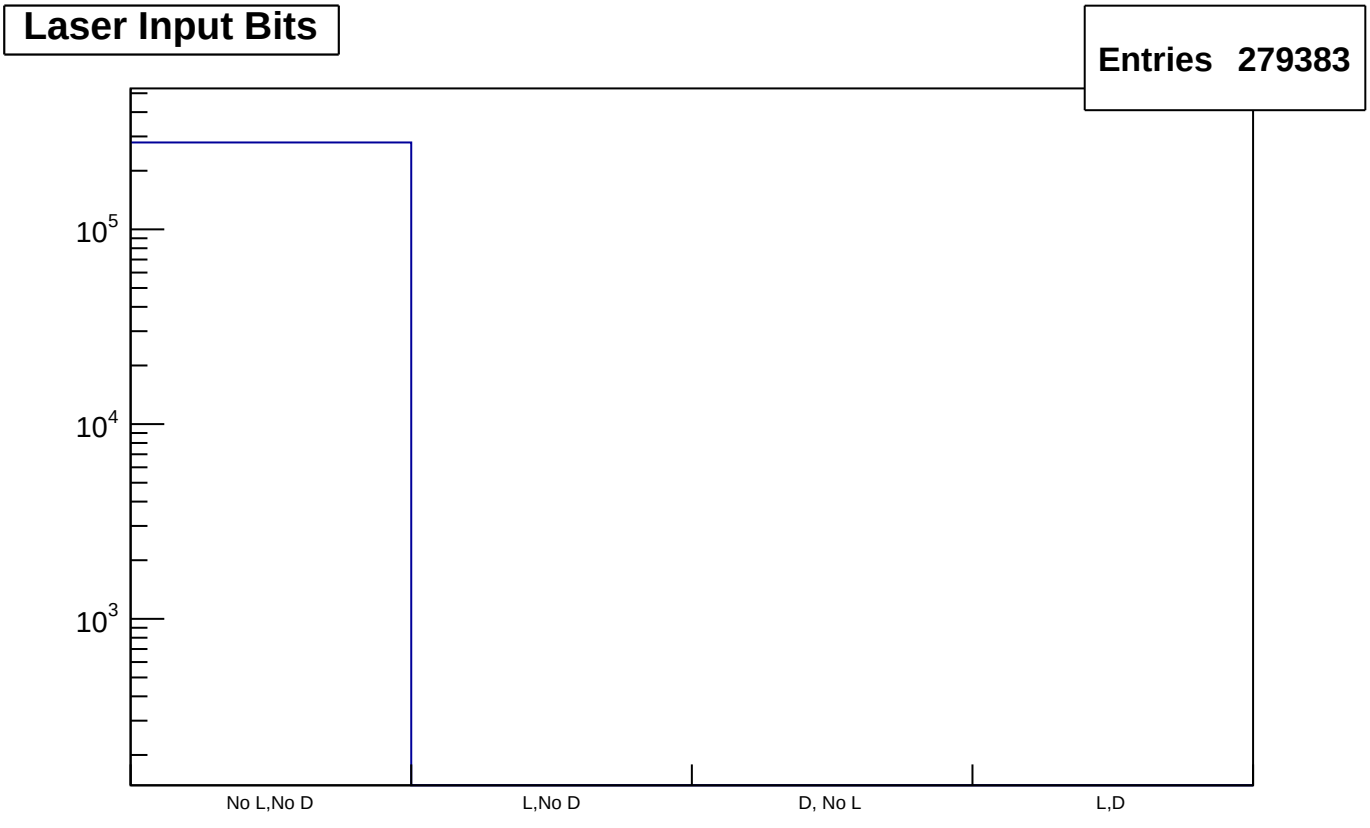

Entries 279383
TOF-Mult
VPD-West ADC Sum

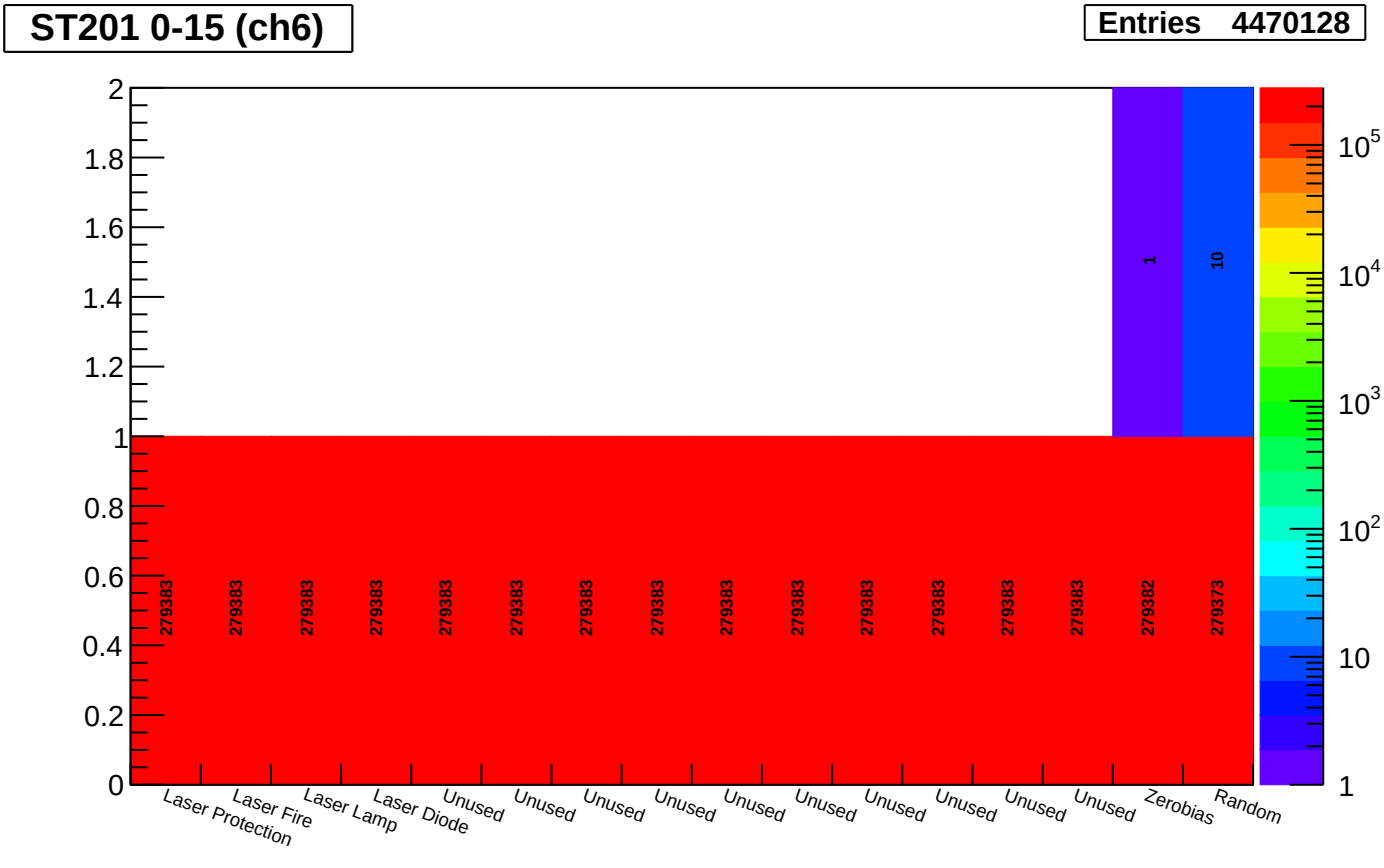

Entries 279383
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

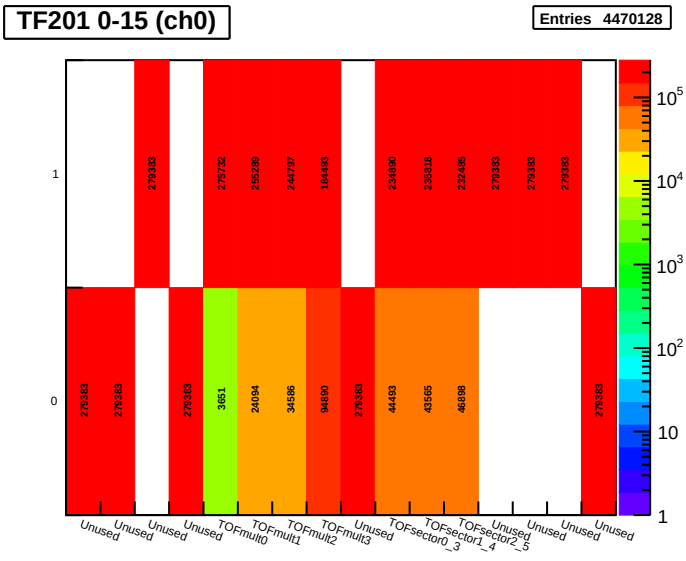

Entries 279383
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

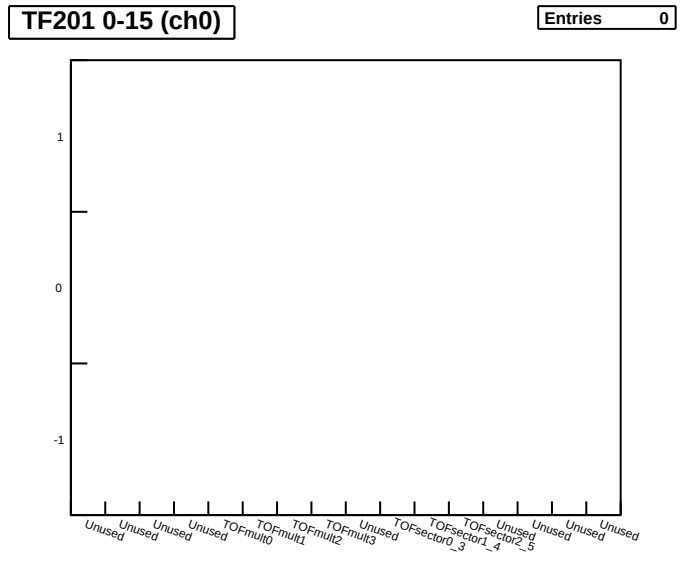

Entries 279383
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

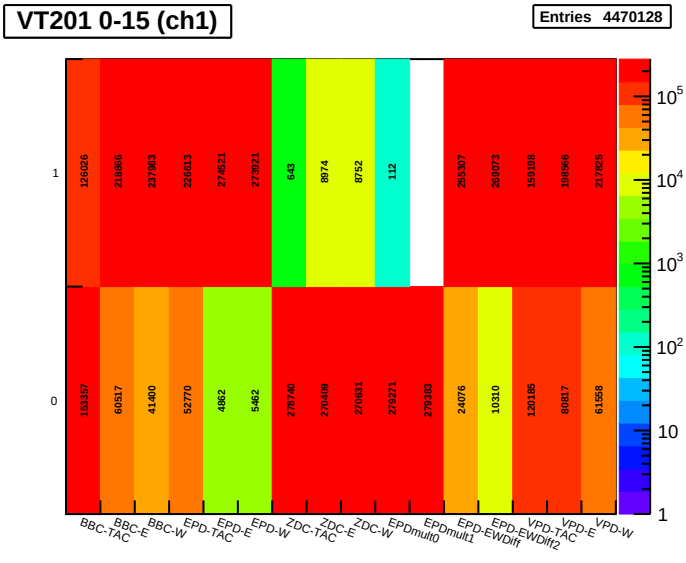

Entries 279383
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

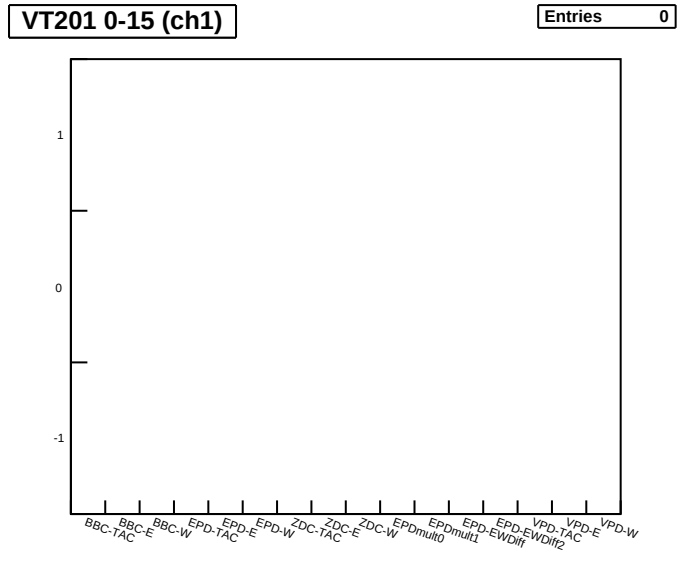

Laser Input Bits
Entries 279383
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

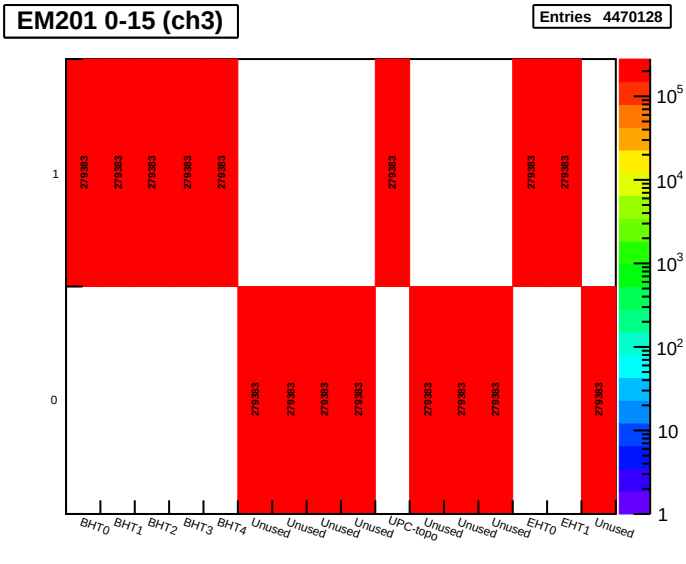

ST201 0-15 (ch6)
Entries 4470128
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
279383
279383
279383
279383
279383
279383
279383
279383
279383
279383
279383
279383
279383
279383
279382
279373
1
10
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

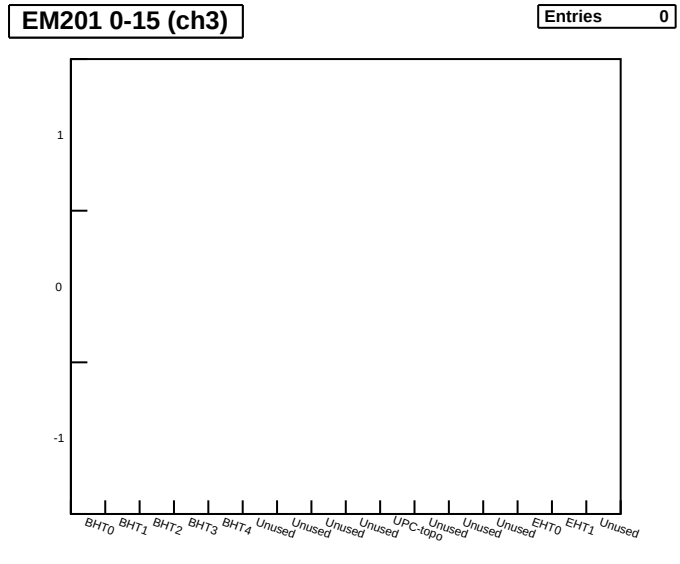

TF201 0-15 (ch0)
Entries 4470128
1
0
279383 275732 255289 244797 194493 234890 235818 232465 279383 279383 279383
279383 279383 279383 3651 24094 34586 94890 279383 44493 43565 46898 279383
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 4470128
1
0
126026 218856 237983 226613 274521 273921 643 8974 8752 112 255307 269073 159198 196566 217825
153357 60517 41400 52770 4862 5462 278740 270409 270631 279271 279383 24076 10310 120185 80817 61558
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 4470128
1
0
279383 279383 279383 279383 279383 279383 279383
279383 279383 279383 279383 279383 279383 279383 279383
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
10^5 10^4 10^3 10^2 10 1


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