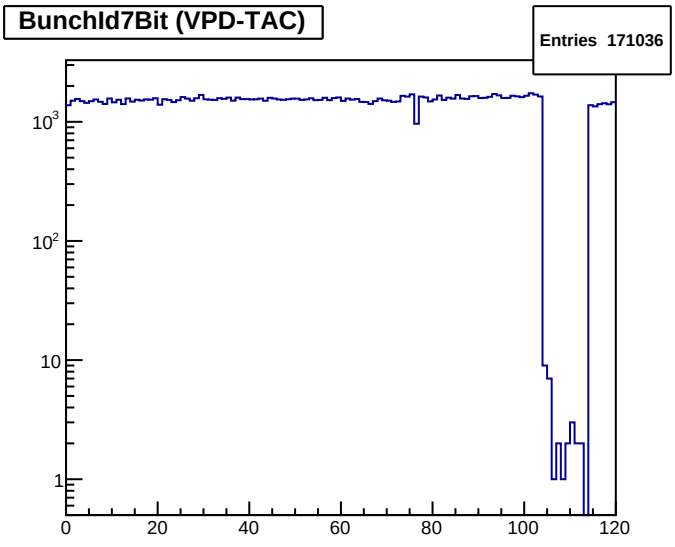
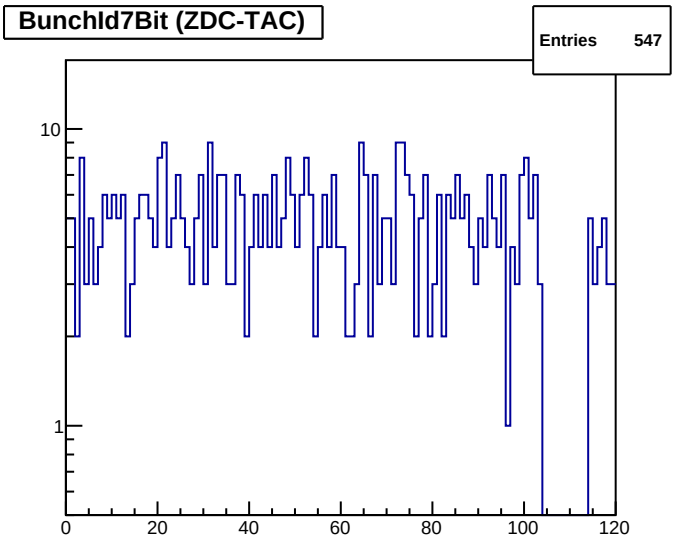
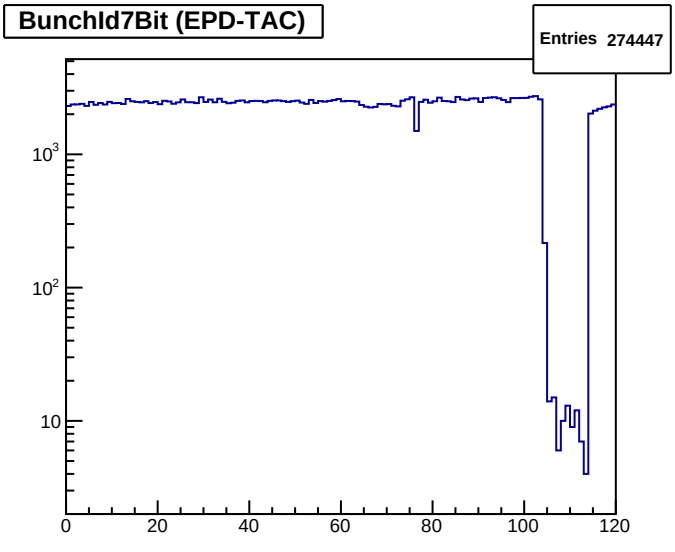
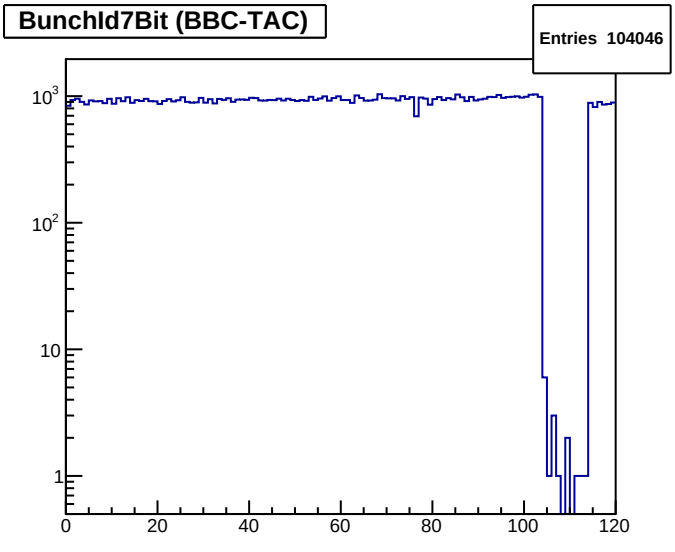
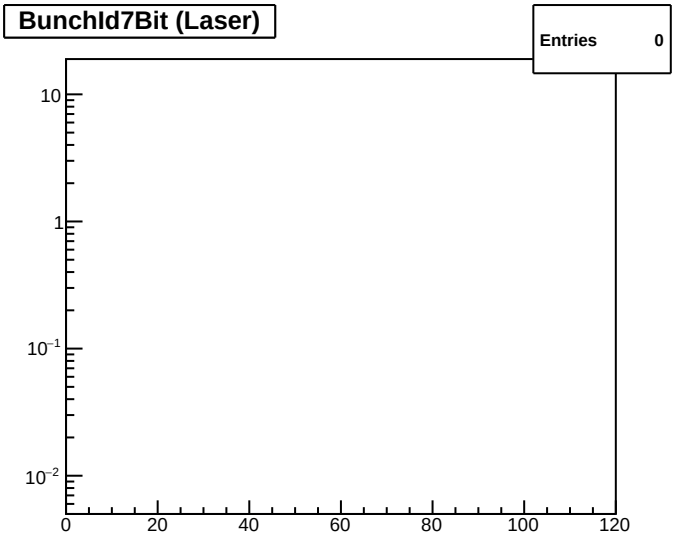
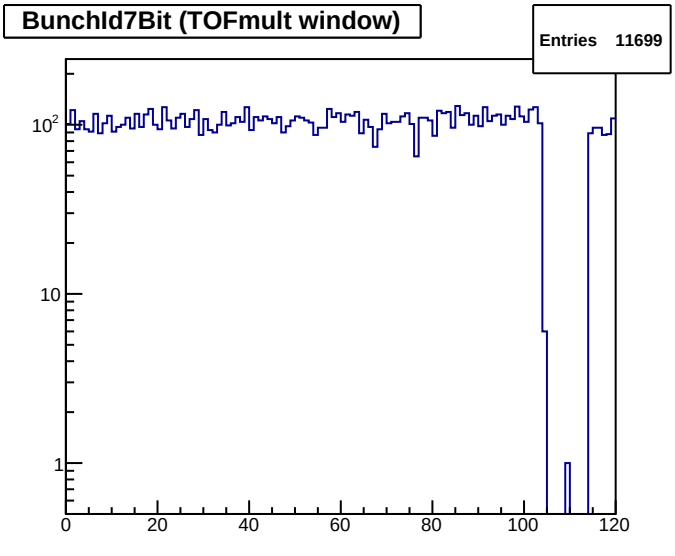

BunchId7Bit (VPD-TAC)
Entries 171036

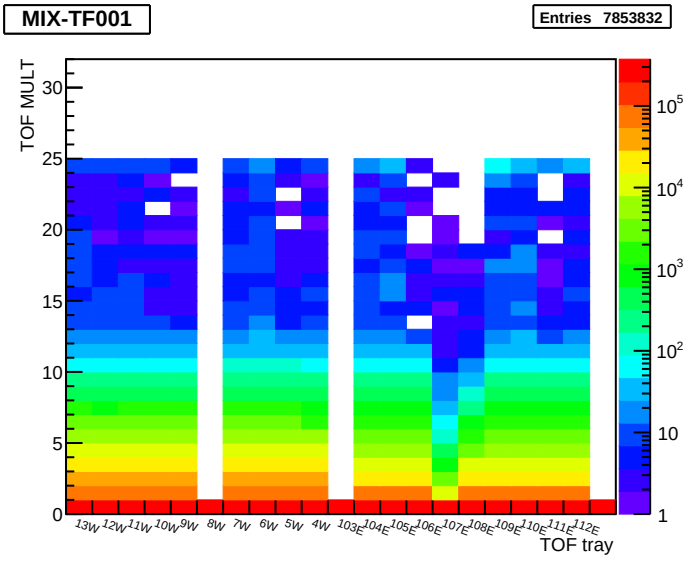

BunchId7Bit (ZDC-TAC)
Entries 547

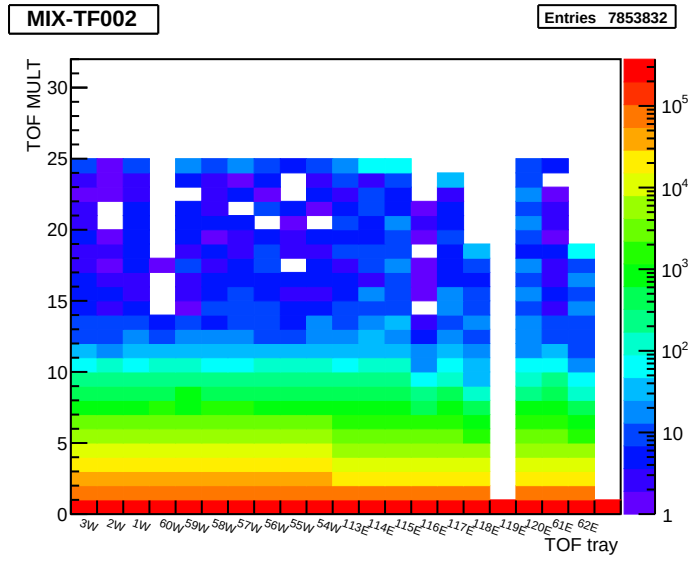

BunchId7Bit (EPD-TAC)
Entries 274447

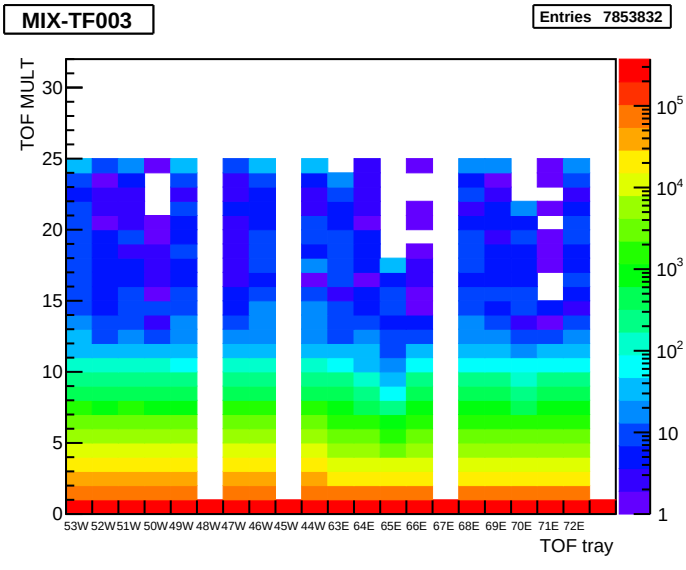

BunchId7Bit (BBC-TAC)
Entries 104046

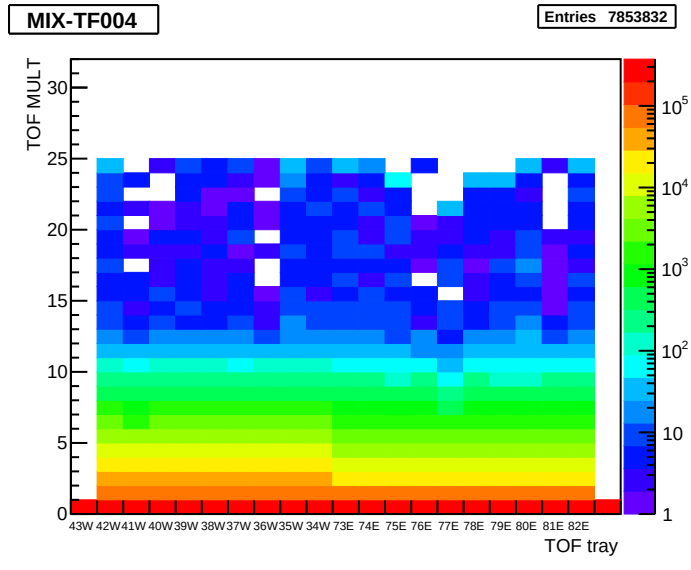

BunchId7Bit (Laser)
Entries 0

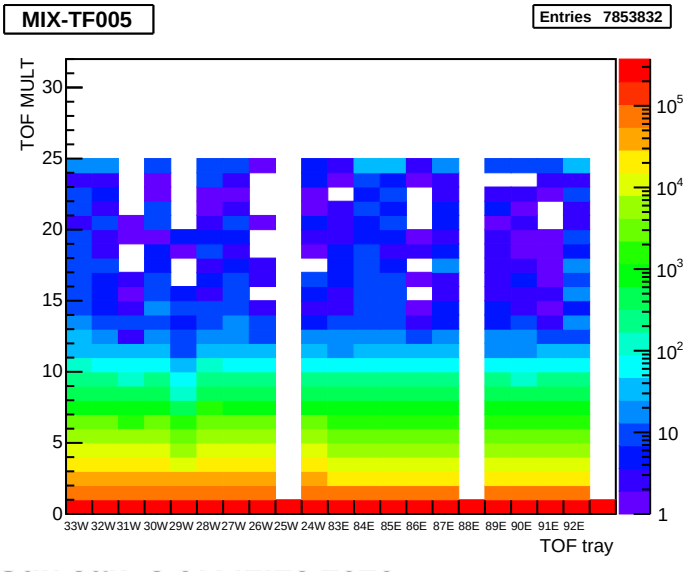

BunchId7Bit (TOFmult window)
Entries 11699

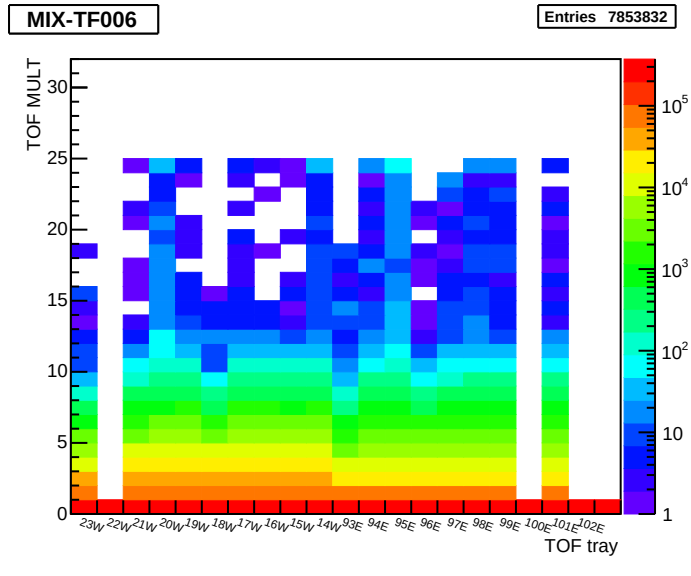

MIX-TF001
Entries 7853832
TOF MULT
TOF tray

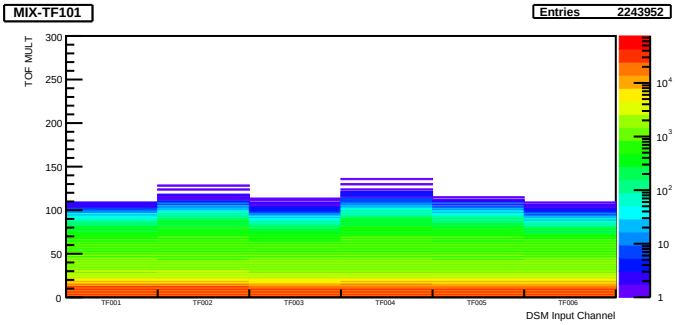

MIX-TF002
Entries 7853832
TOF MULT
TOF tray

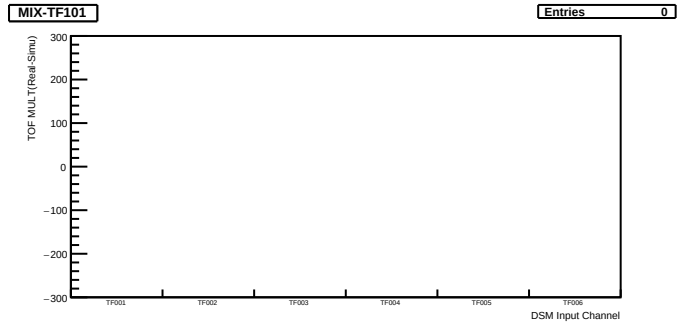

MIX-TF003
Entries 7853832
TOF MULT
TOF tray

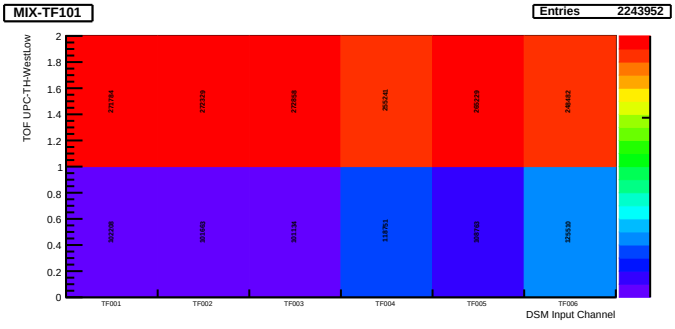

MIX-TF004
Entries 7853832
TOF MULT
TOF tray

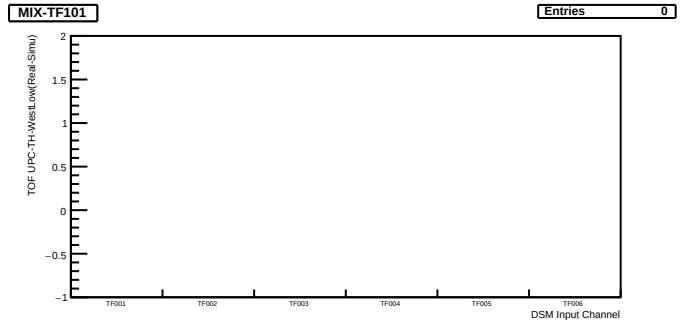

MIX-TF005
Entries 7853832
TOF MULT
TOF tray

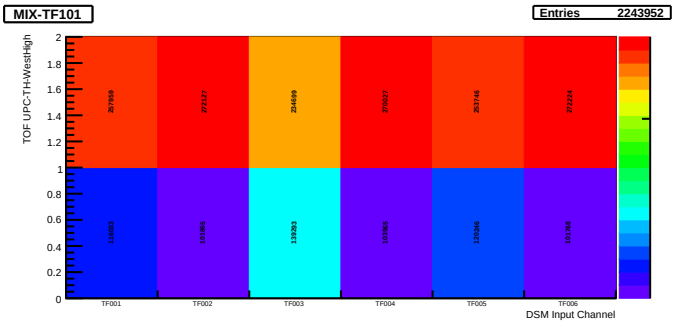

MIX-TF006
Entries 7853832
TOF MULT
TOF tray

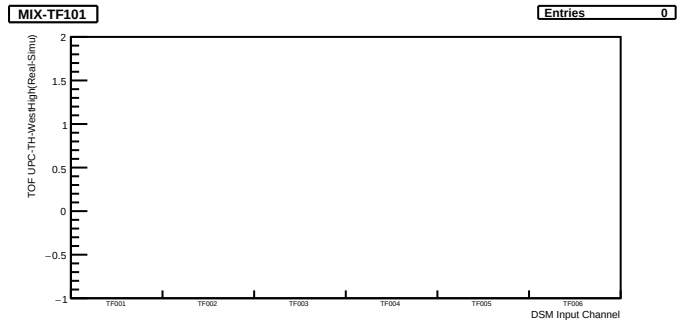

MIX-TF101
Entries 2243952
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

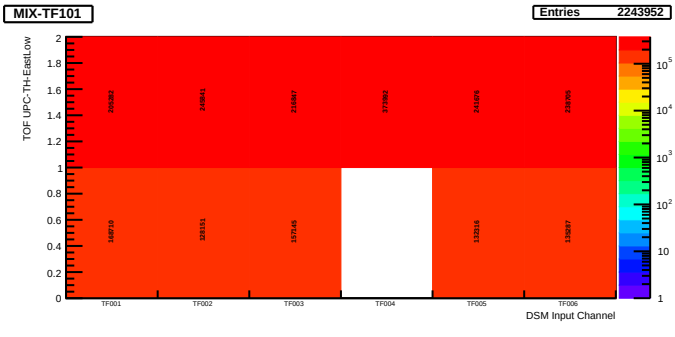

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

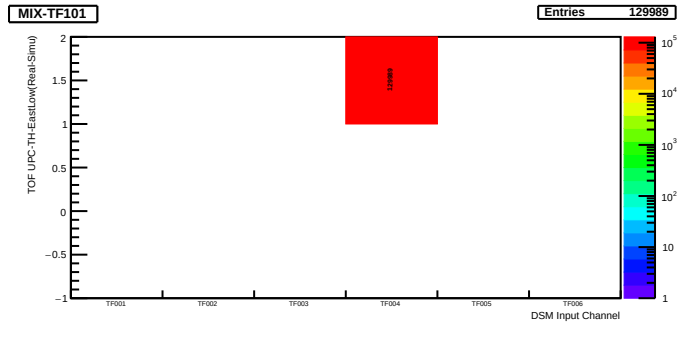

MIX-TF101
Entries 2243952
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

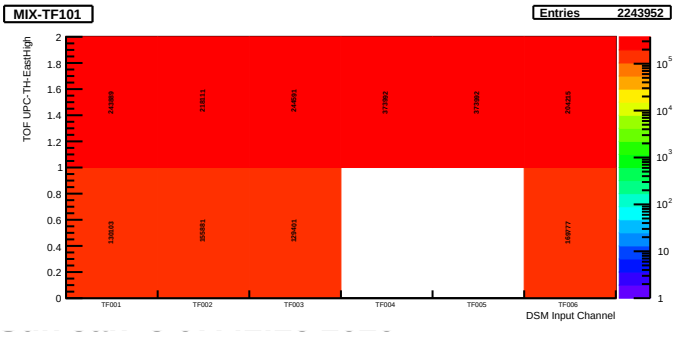

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

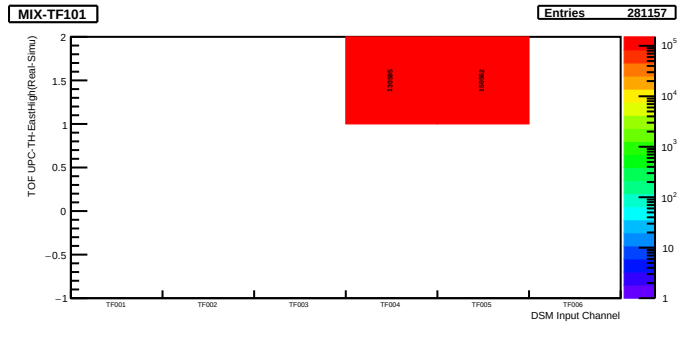

MIX-TF101
Entries 2243952
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

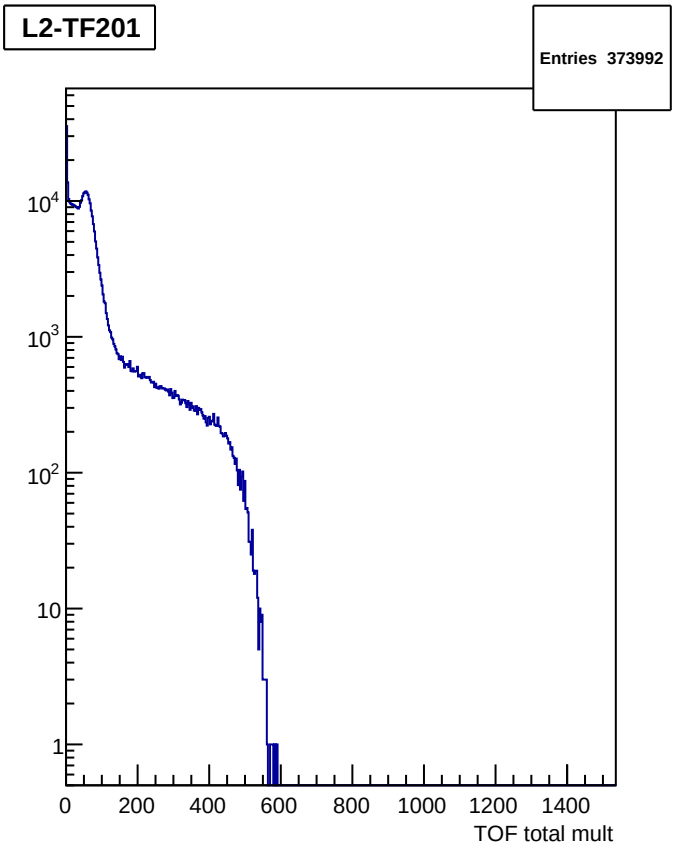

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

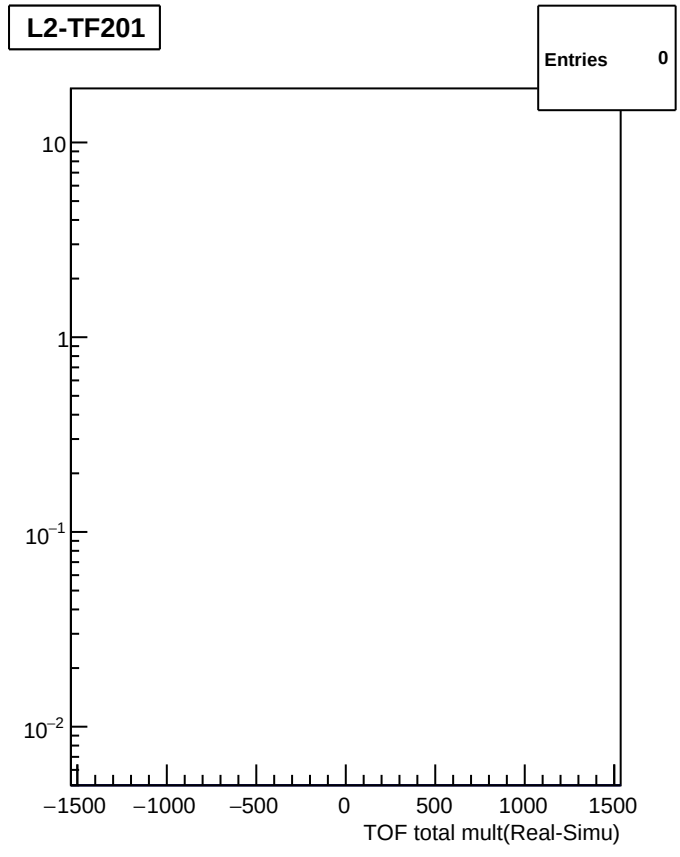

MIX-TF101
Entries 2243952
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

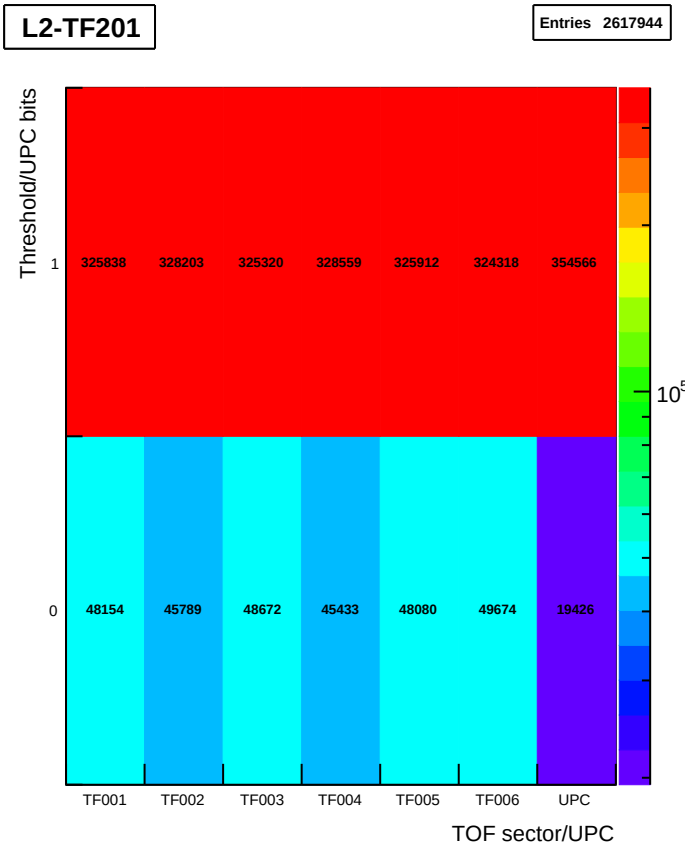

MIX-TF101
Entries 129989
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

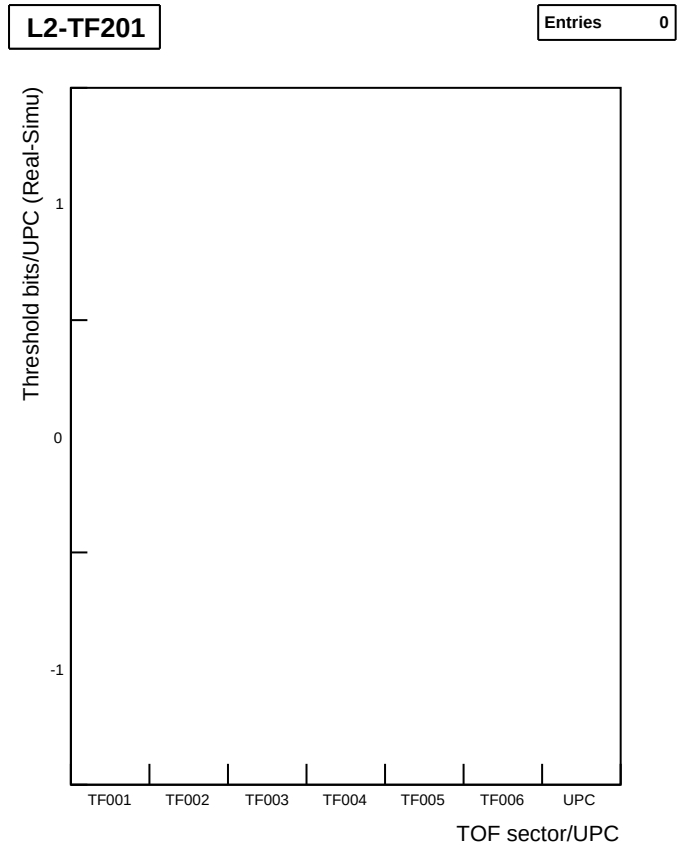

MIX-TF101
Entries 2243952
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

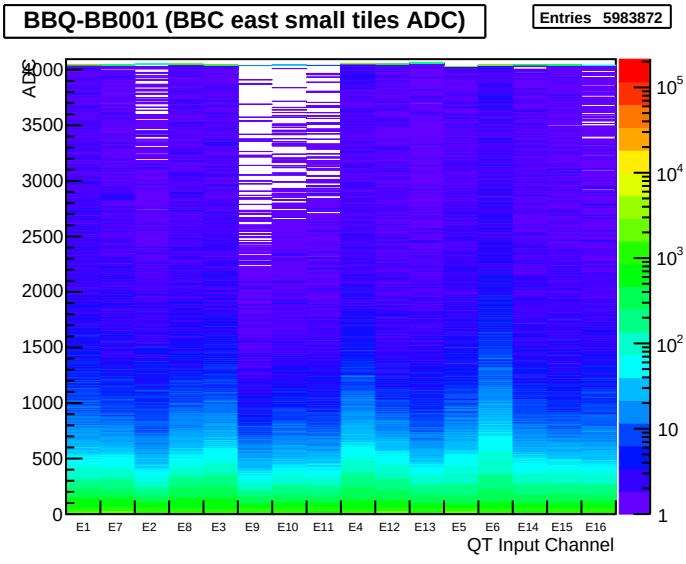

MIX-TF101
Entries 281157
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

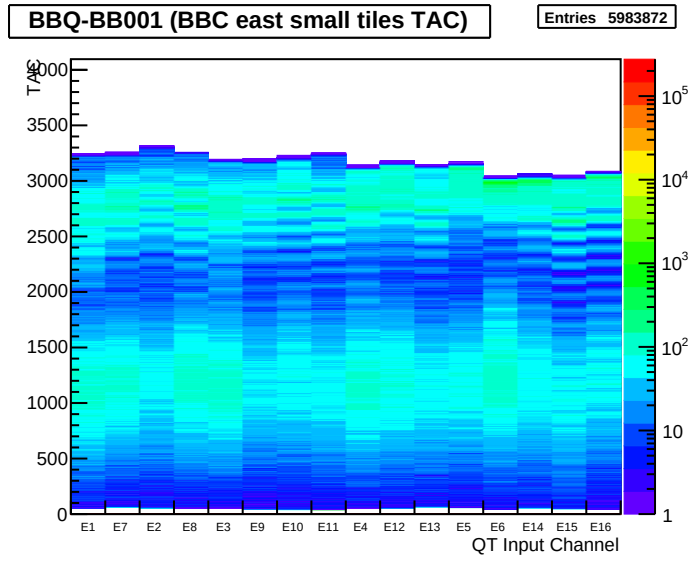

L2-TF201
Entries 373992
TOF total mult

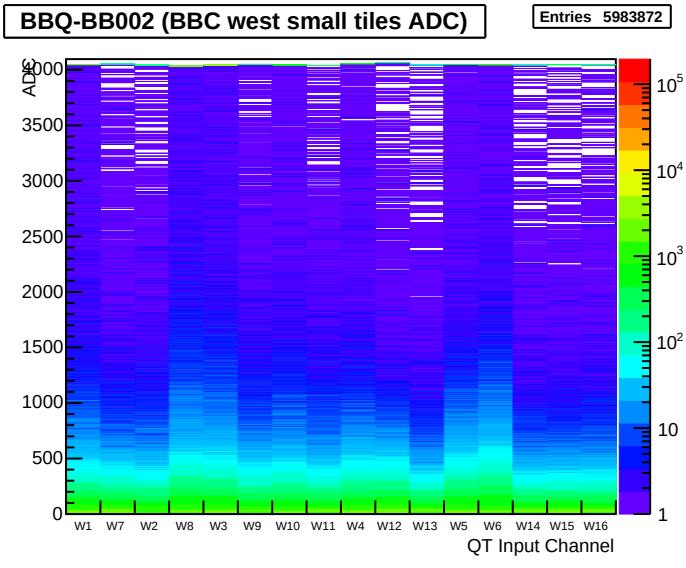

L2-TF201
Entries 0
TOF total mult(Real-Simu)

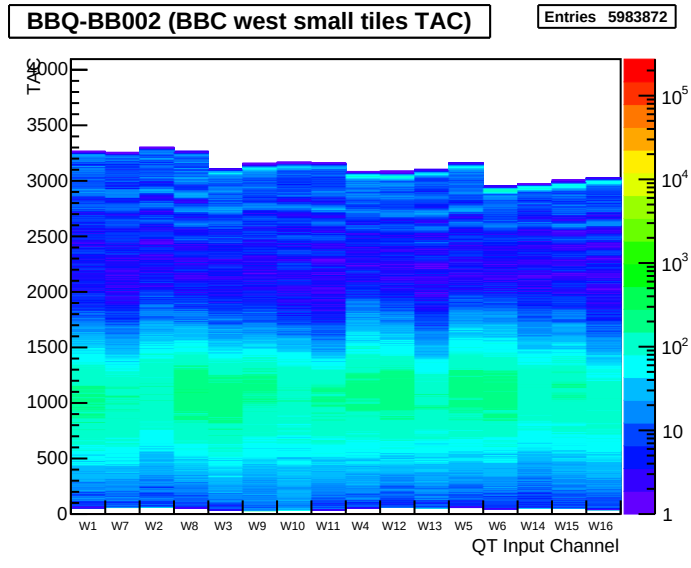

L2-TF201
Entries 2617944
Threshold/UPC bits
325838
328203
325320
328559
325912
324318
354566
48154
45789
48672
45433
48080
49674
19426
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

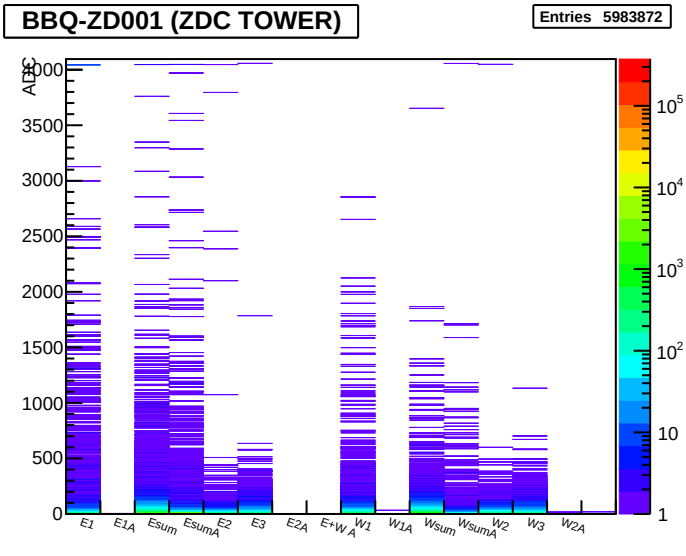

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

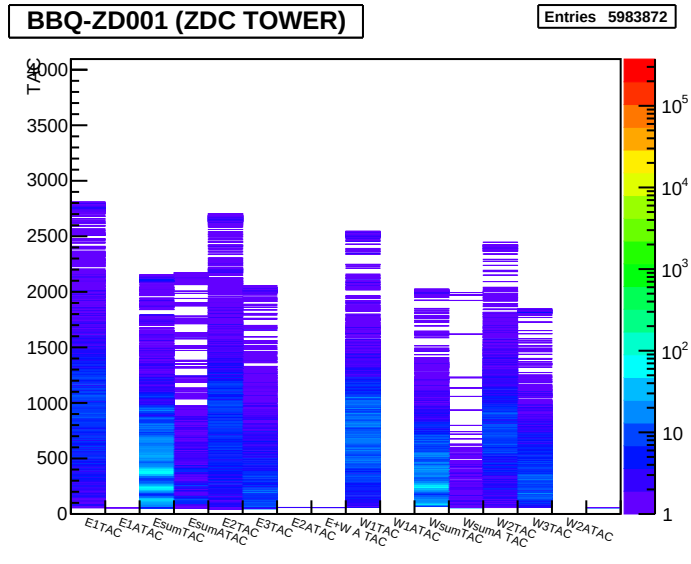

BBQ-BB001 (BBC east small tiles ADC)
Entries 5983872
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

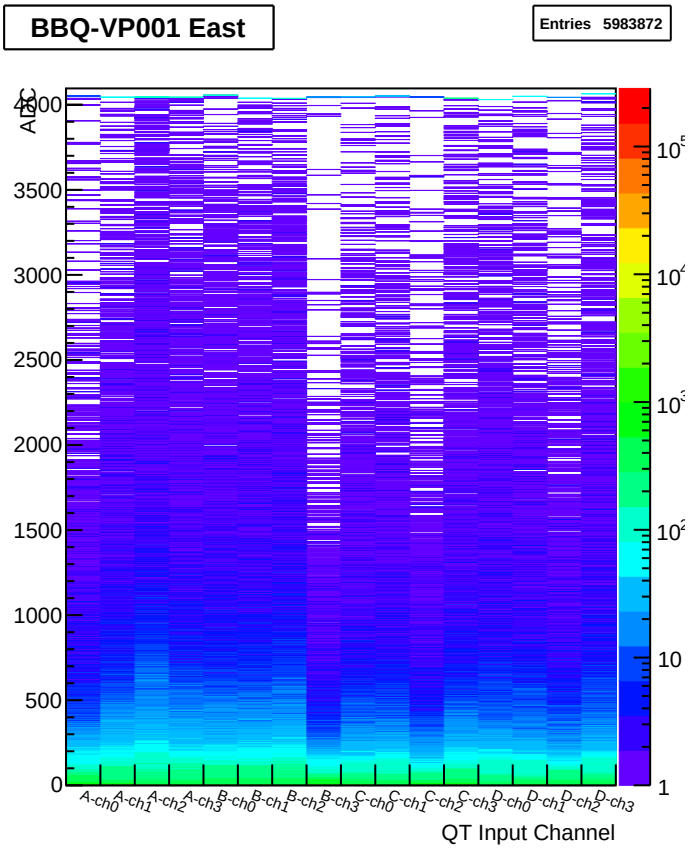

BBQ-BB001 (BBC east small tiles TAC)
Entries 5983872
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

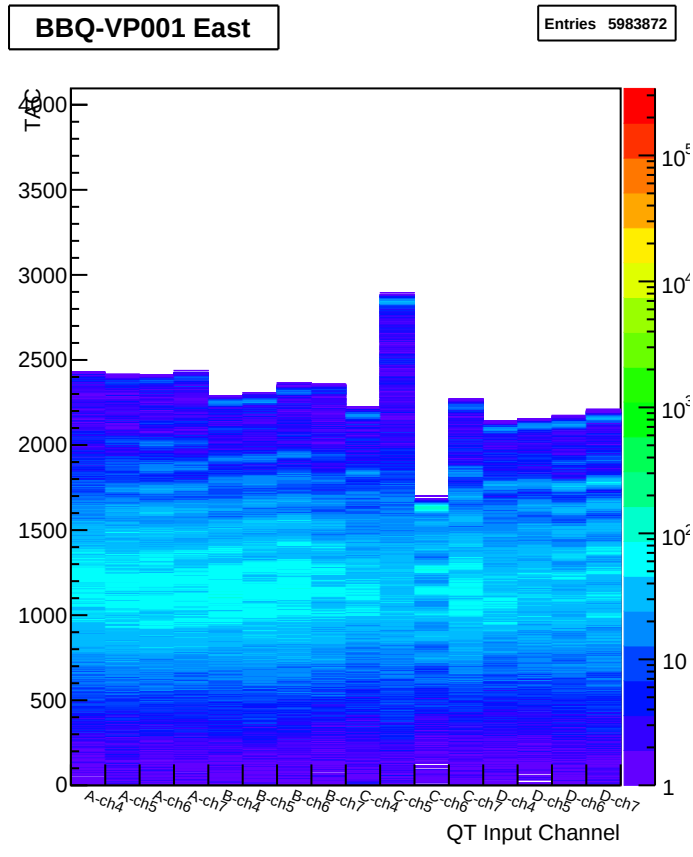

BBQ-BB002 (BBC west small tiles ADC)
Entries 5983872
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

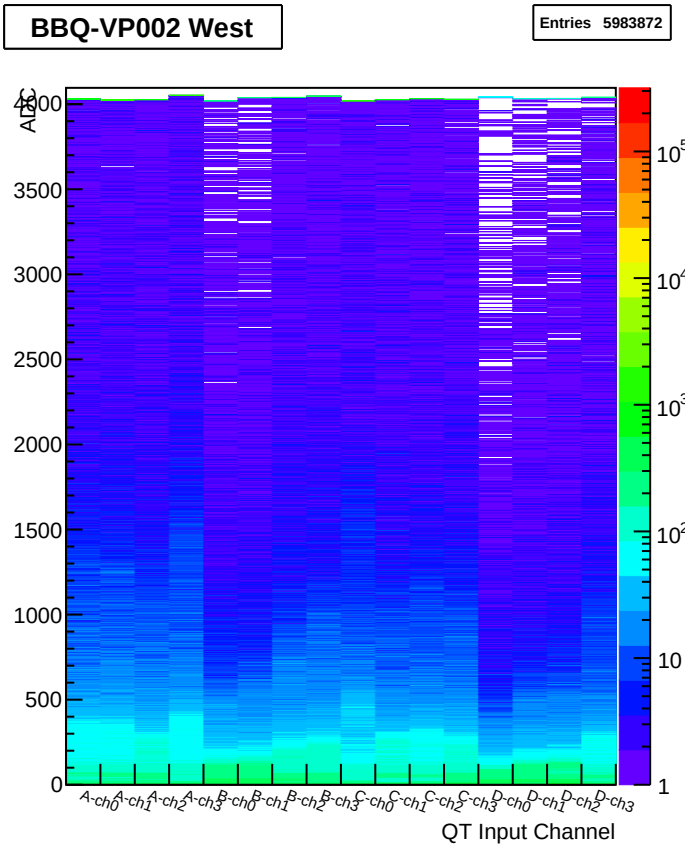

BBQ-BB002 (BBC west small tiles TAC)
Entries 5983872
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

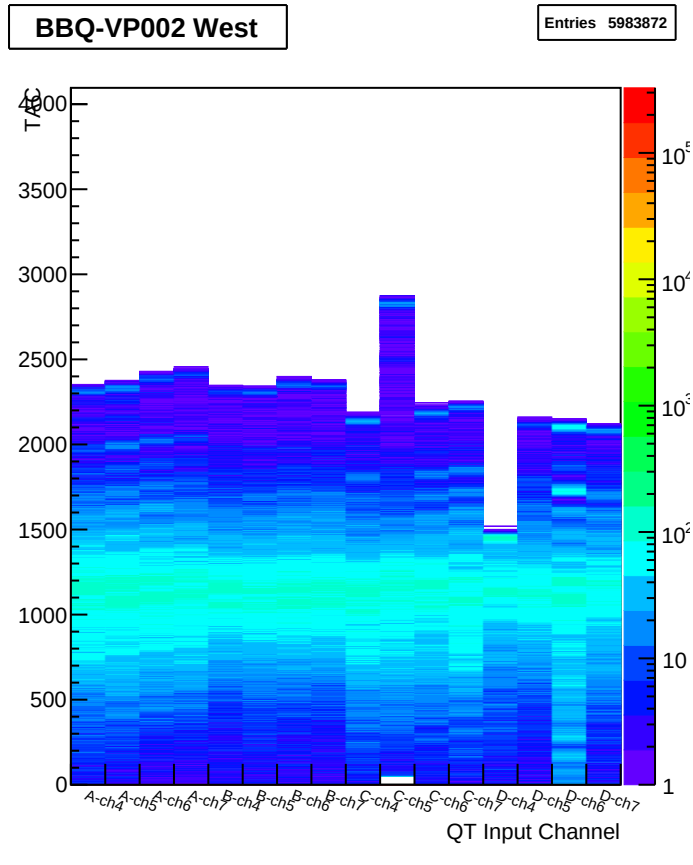

BBQ-ZD001 (ZDC TOWER)
Entries 5983872
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

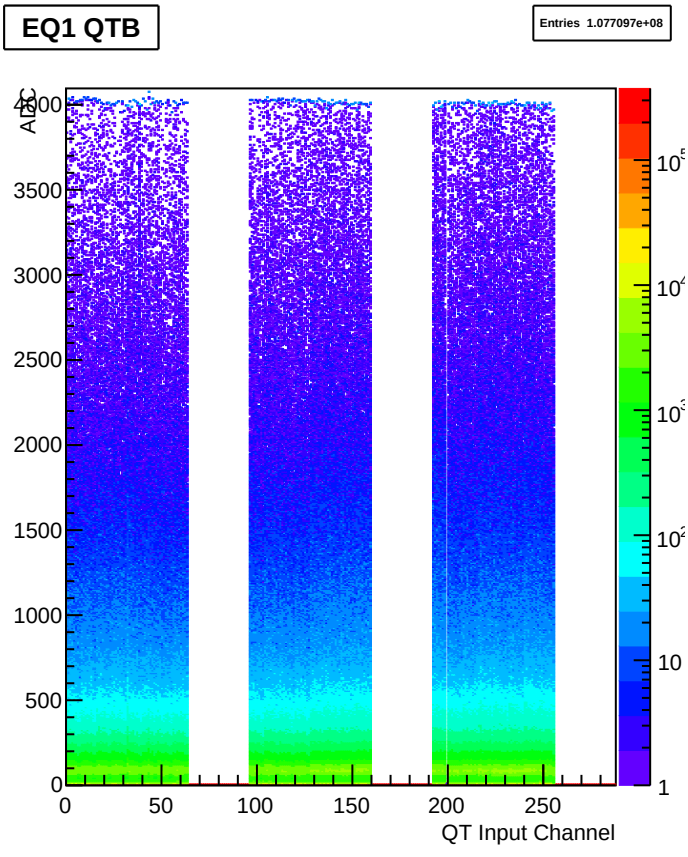

BBQ-ZD001 (ZDC TOWER)
Entries 5983872
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

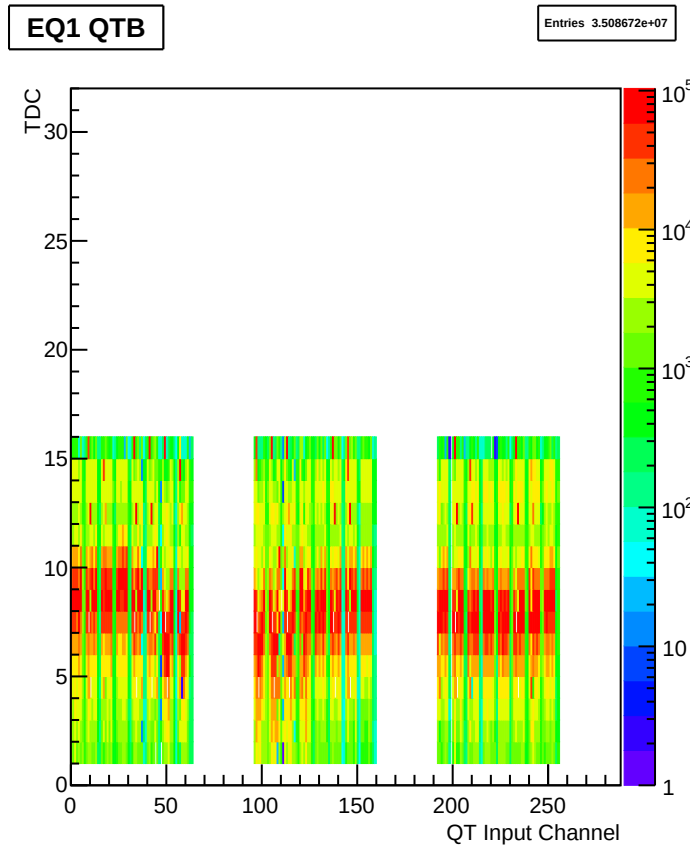

BBQ-VP001 East
Entries 5983872
ADC
QT Input Channel

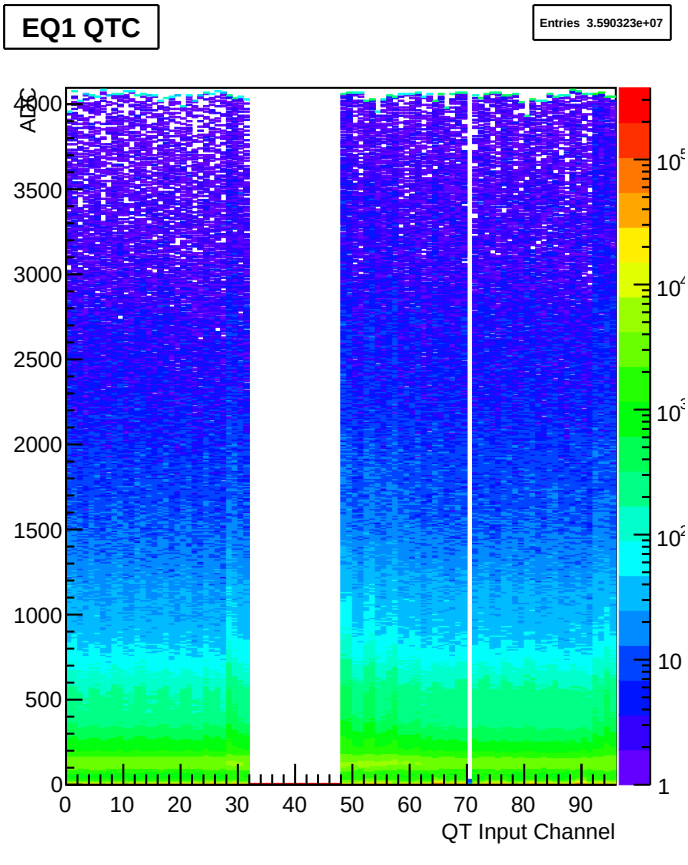

BBQ-VP001 East
Entries 5983872
ADC
QT Input Channel

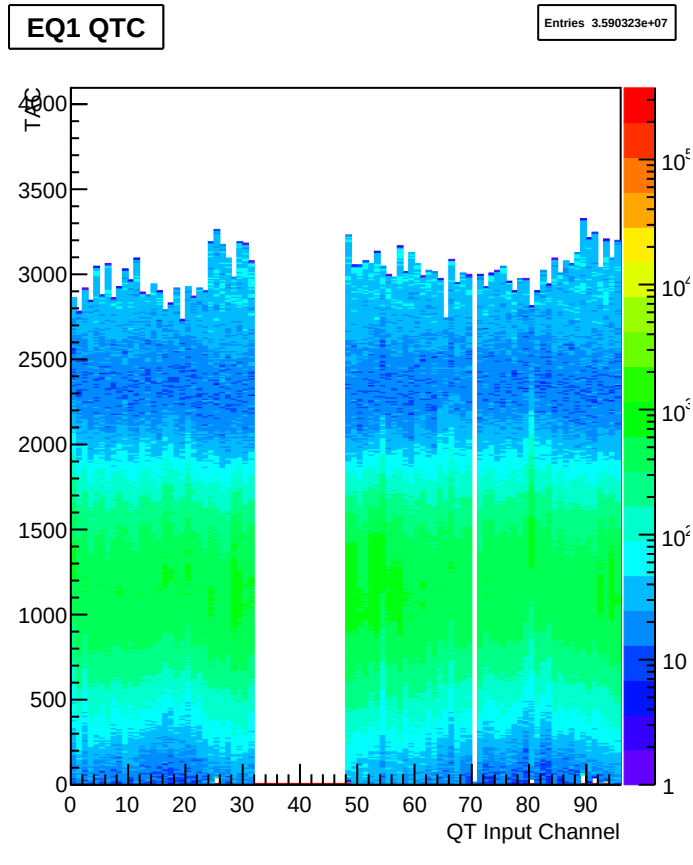

BBQ-VP002 West
Entries 5983872
ADC
QT Input Channel

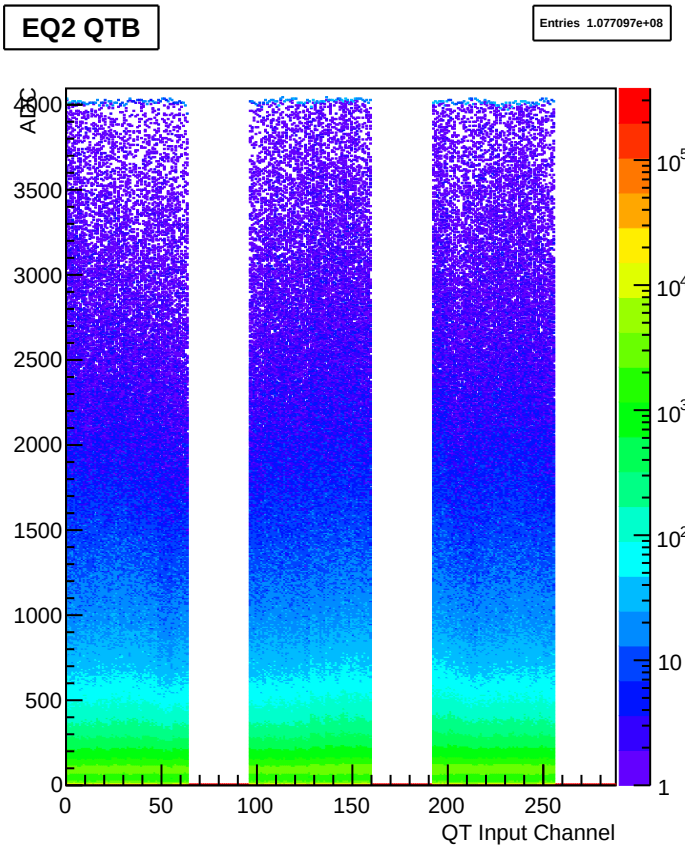

BBQ-VP002 West
Entries 5983872
ADC
QT Input Channel

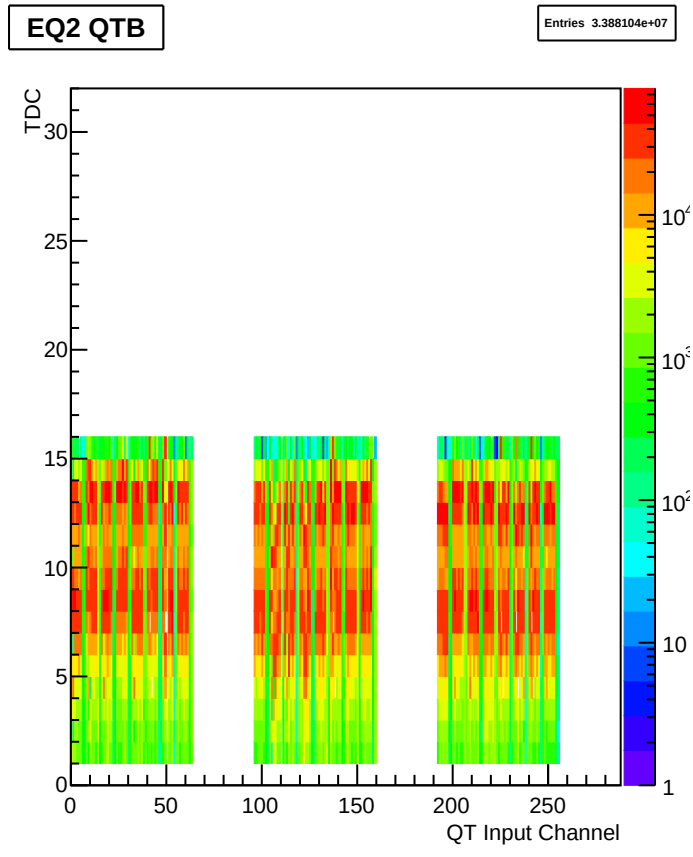

EQ1 QTB
Entries 1.077097e+08
ADC
QT Input Channel

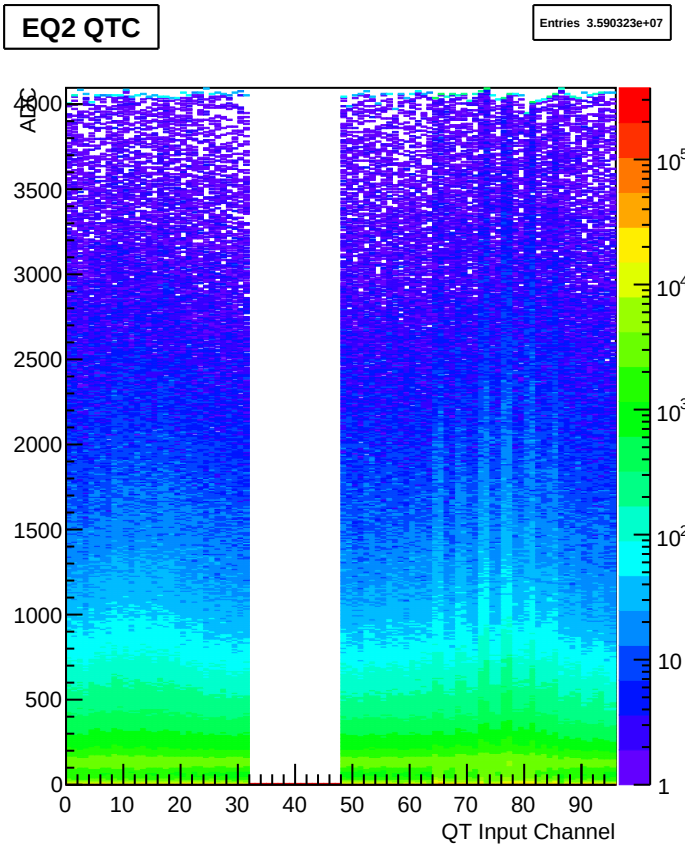

EQ1 QTB
Entries 3.508672e+07
TDC
QT Input Channel

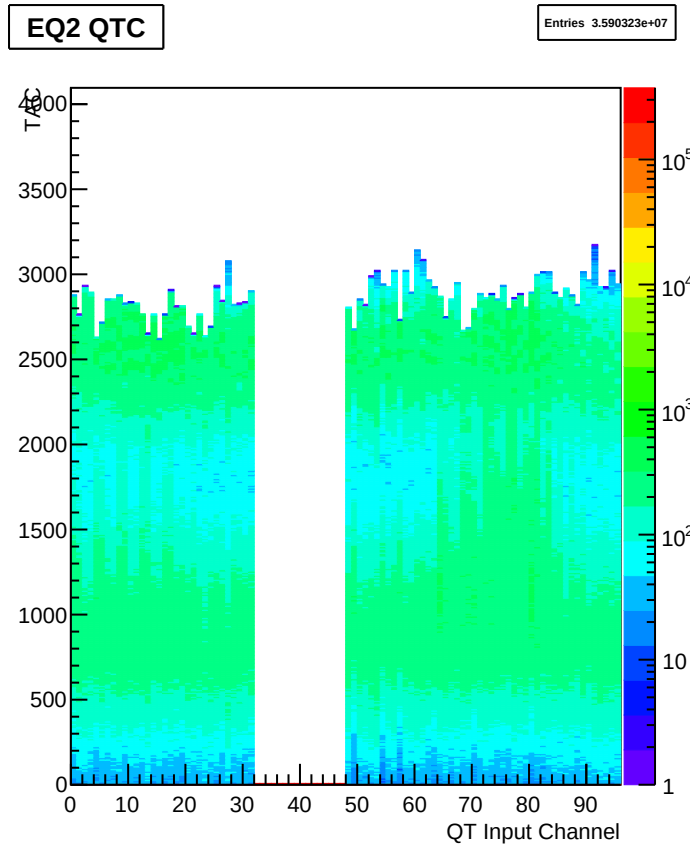

EQ1 QTC
Entries 3.590323e+07
ADC
QT Input Channel

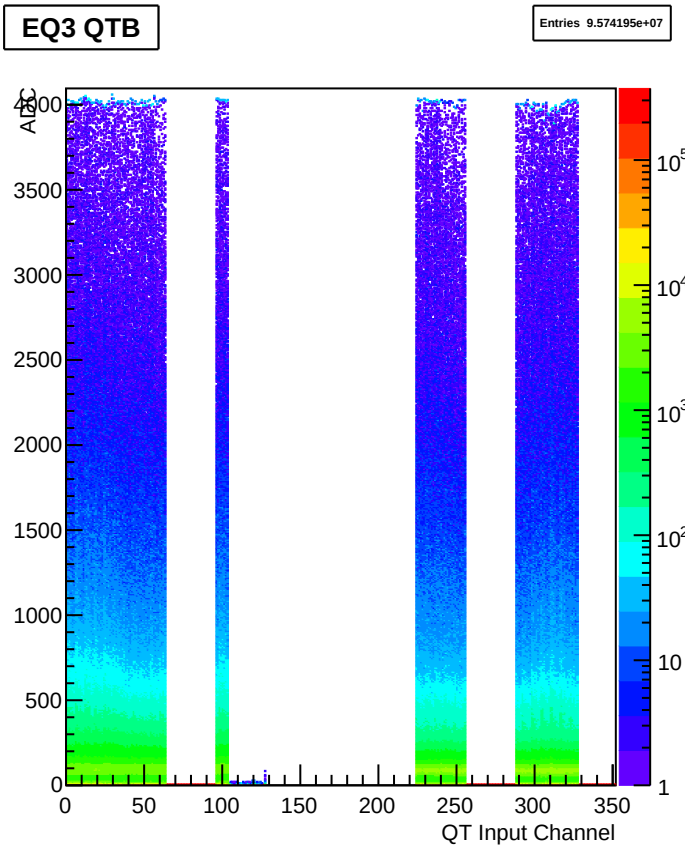

EQ1 QTC
Entries 3.590323e+07
TADC
QT Input Channel

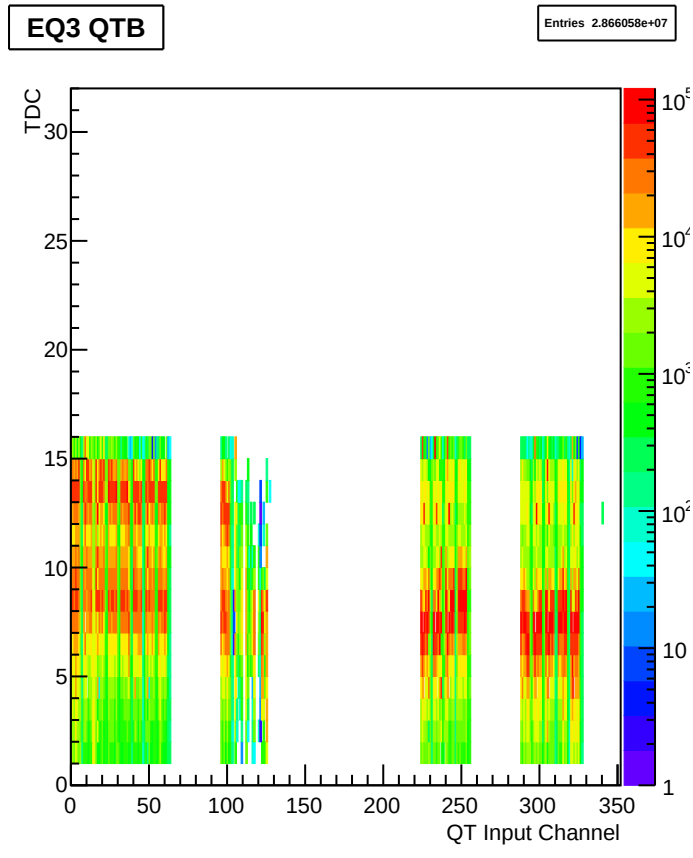

EQ2 QTB
Entries 1.077097e+08
ADC
QT Input Channel

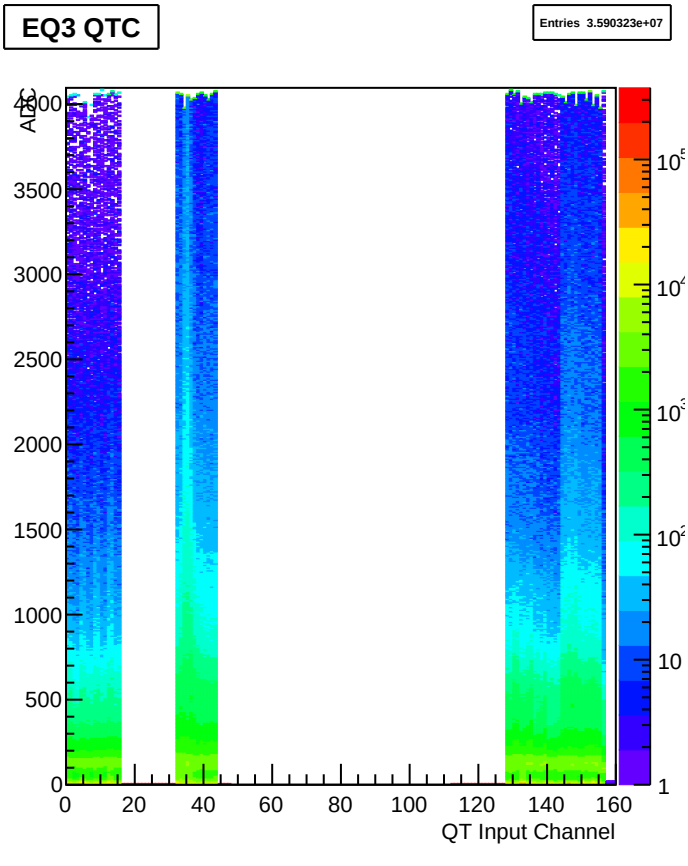

EQ2 QTB
Entries 3.388104e+07
TDC
QT Input Channel

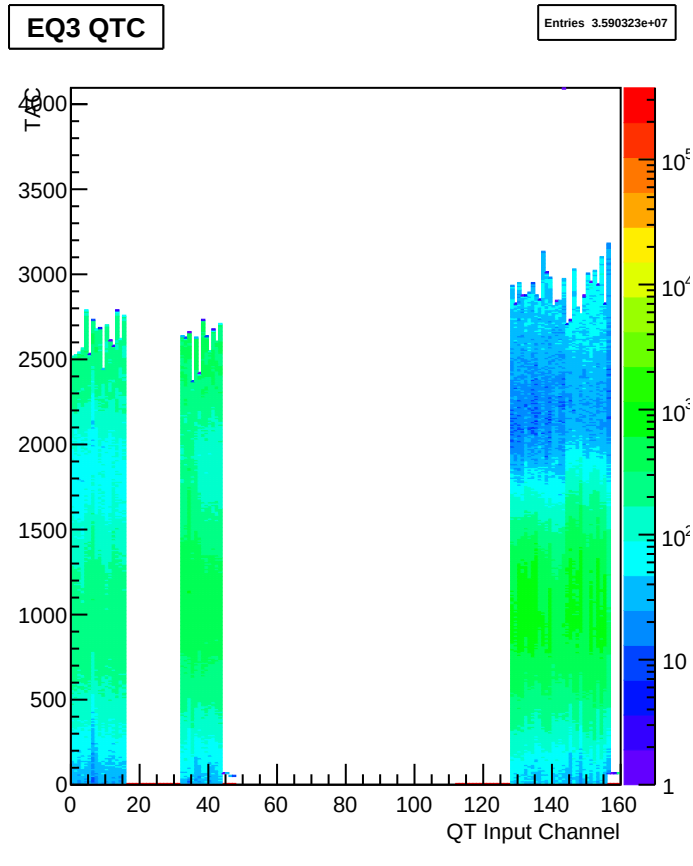

EQ2 QTC
Entries 3.590323e+07
ADC
QT Input Channel

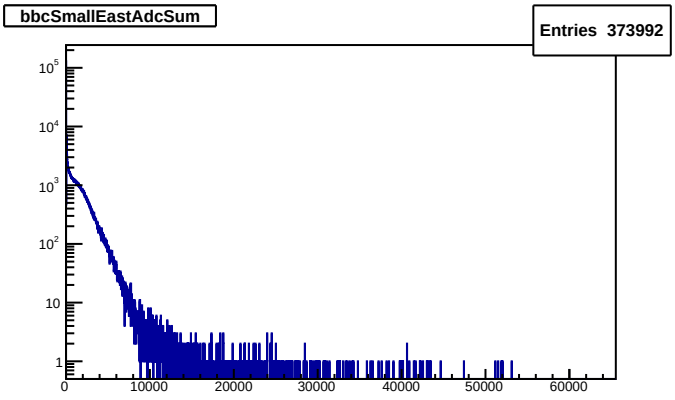

EQ2 QTC
Entries 3.590323e+07
TADC
QT Input Channel

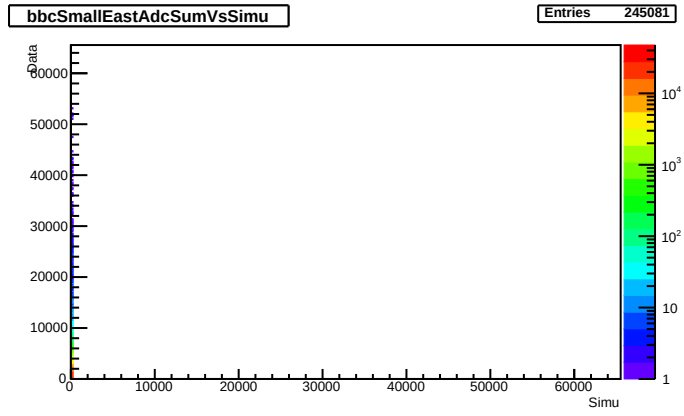

EQ3 QTB
Entries 9.574195e+07
ADC
QT Input Channel

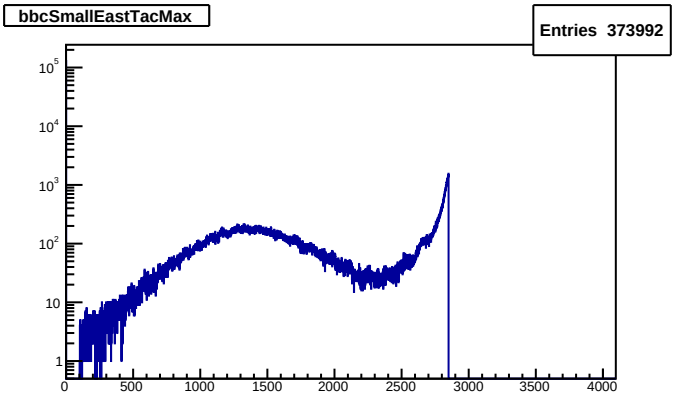

EQ3 QTB
Entries 2.866058e+07
TDC
QT Input Channel

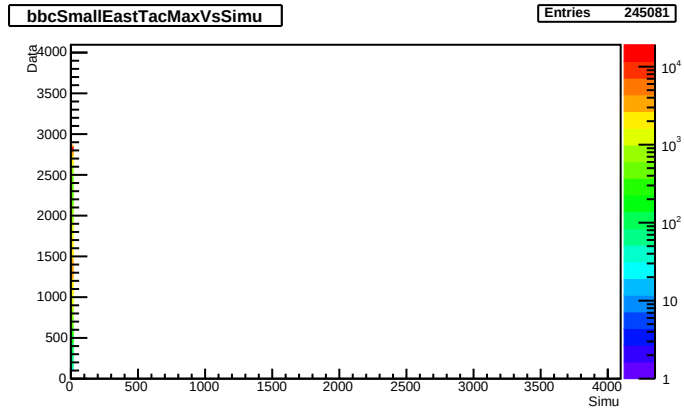

EQ3 QTC
Entries 3.590323e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.590323e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 373992


bbcSmallEastAdcSumVsSimu
Entries 245081
Data
Simu


bbcSmallEastTacMax
Entries 373992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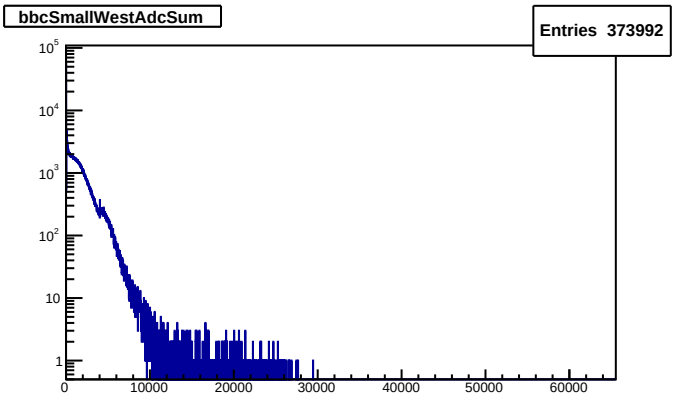
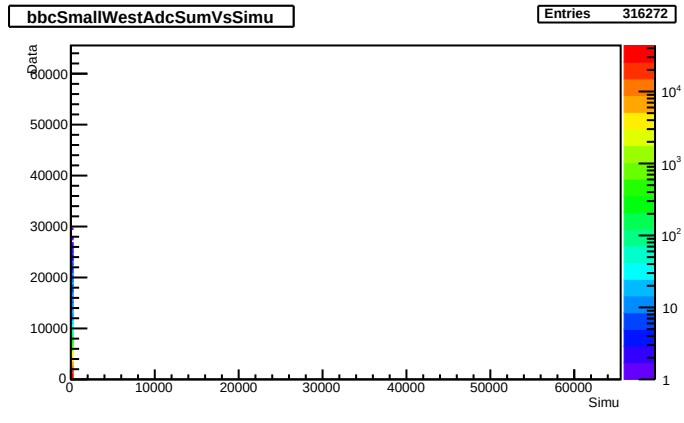
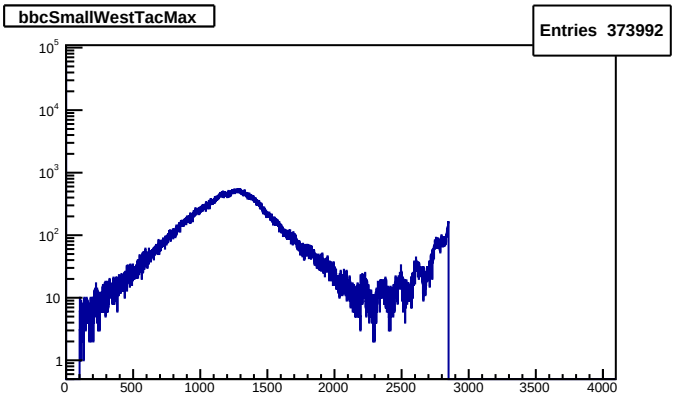
Entries 245081
Data
Simu


bbcSmallWestAdcSum
Entries 373992


bbcSmallWestAdcSumVsSimu
Entries 316272
Data
Simu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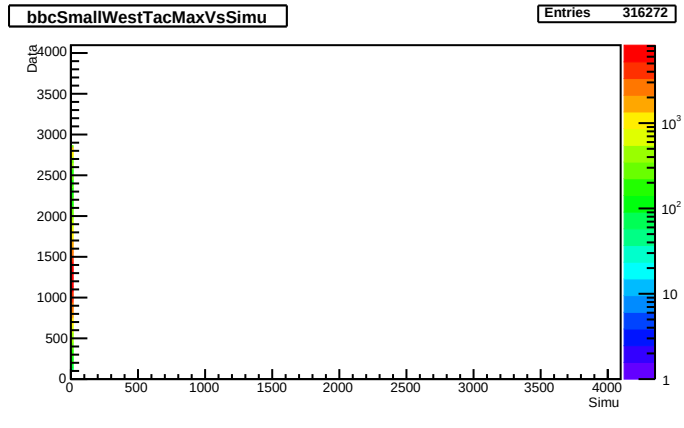
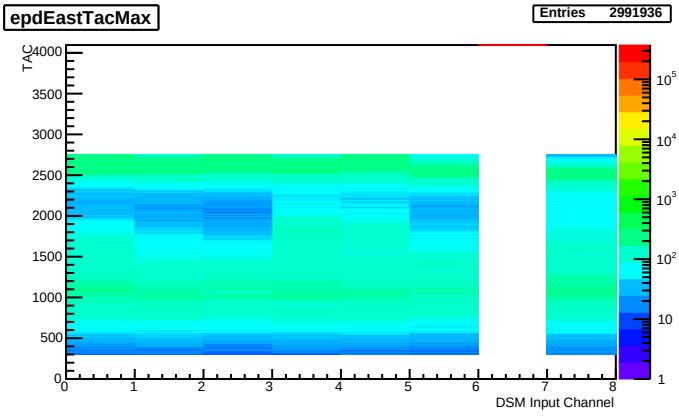
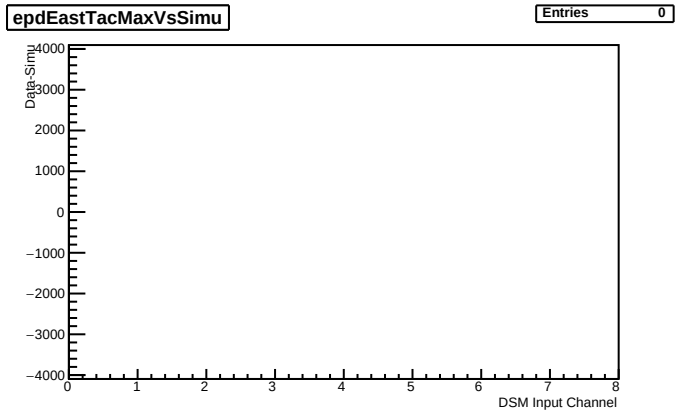
Entries 373992


bbcSmallWestTacMaxVsSimu
Entries 316272
Data
Simu


epdEastTacMax
Entries 2991936
TAC
DSM Input Channel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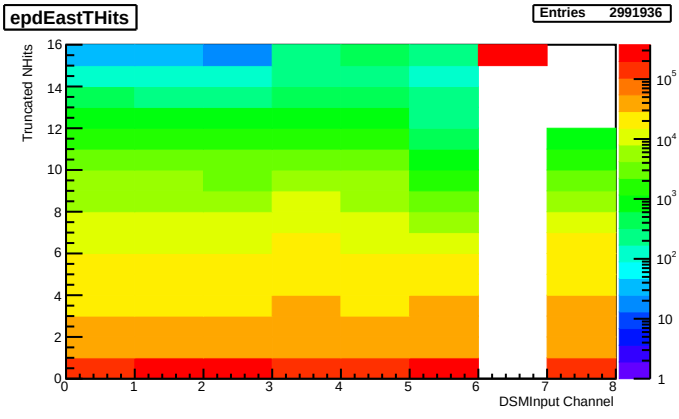
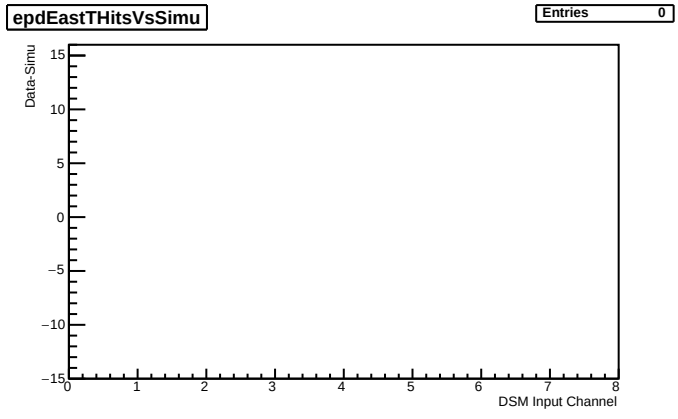
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2991936
Truncated NHits
DSMInput Channel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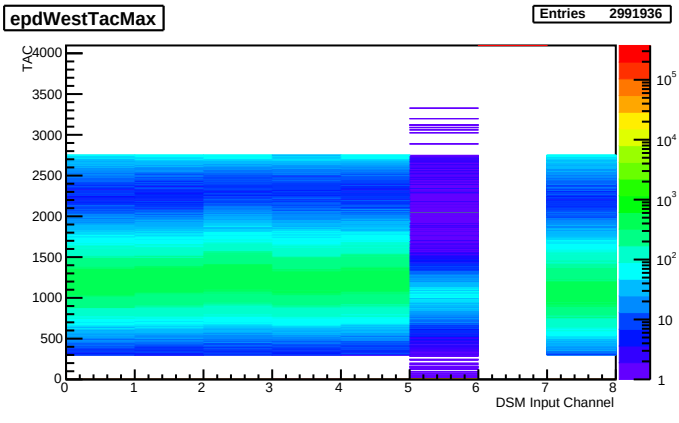
Entries 0
Data-Simu
DSM Input Channel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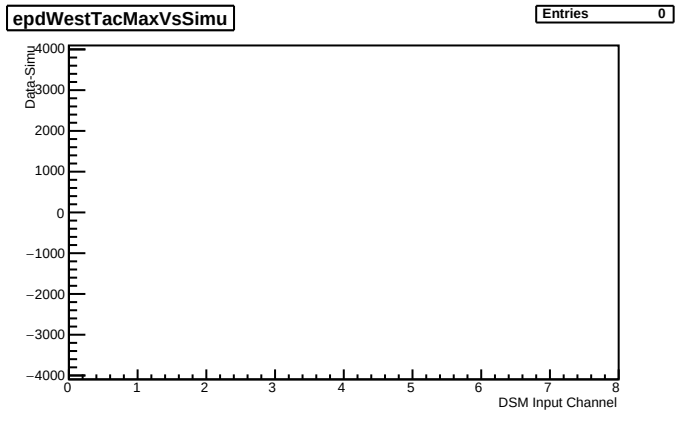
Entries 2991936
TAC
DSM Input Channel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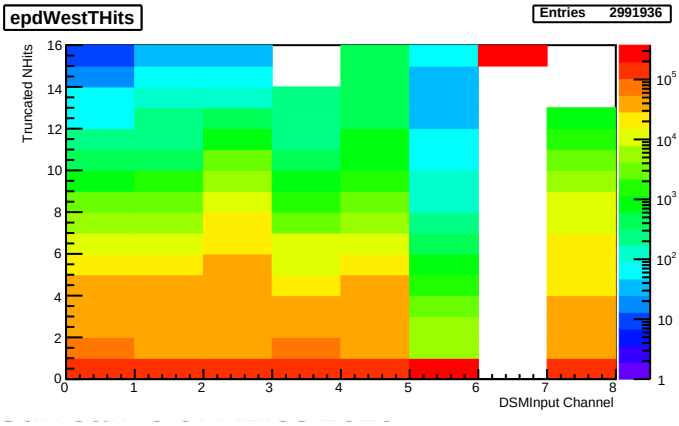
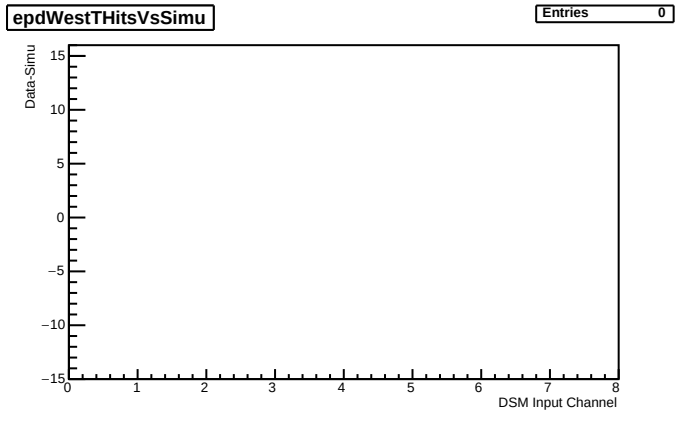
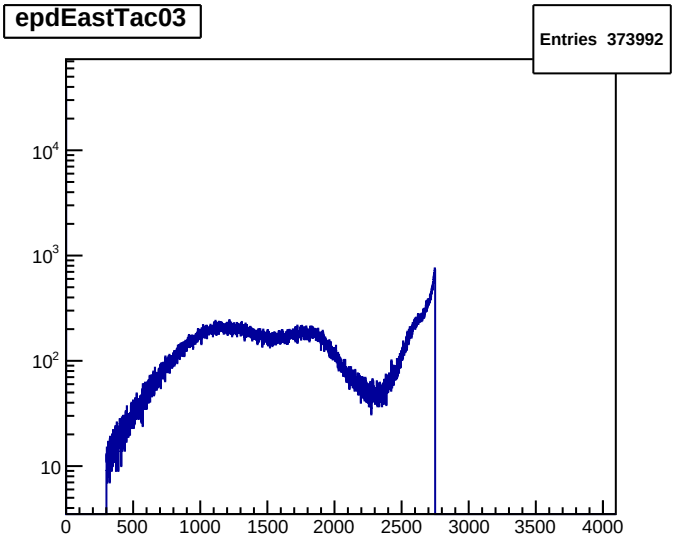
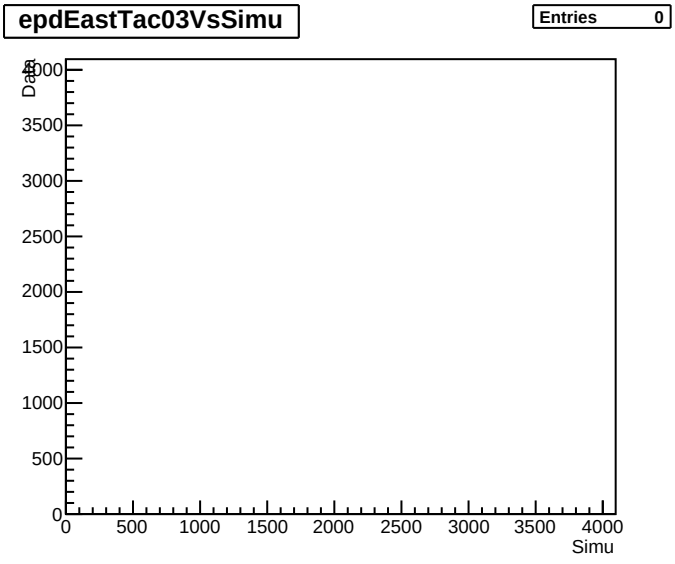
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2991936
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 373992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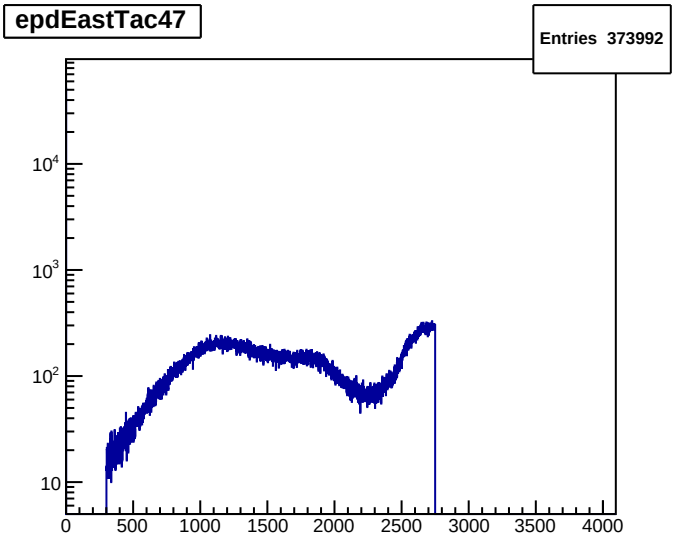
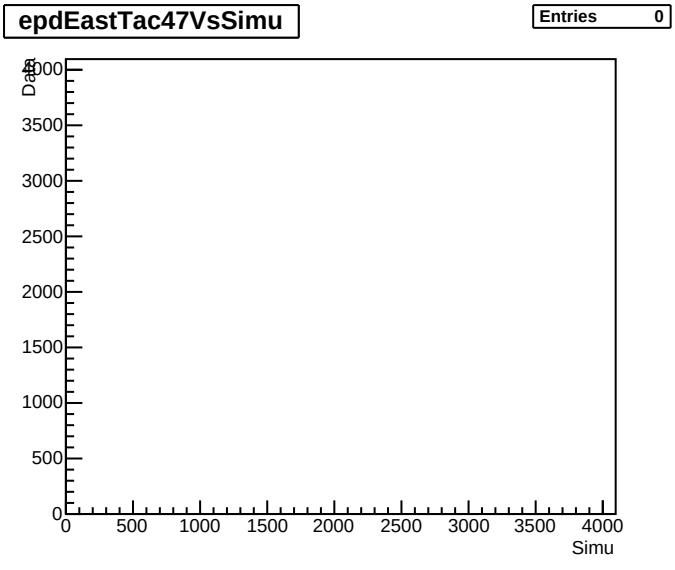
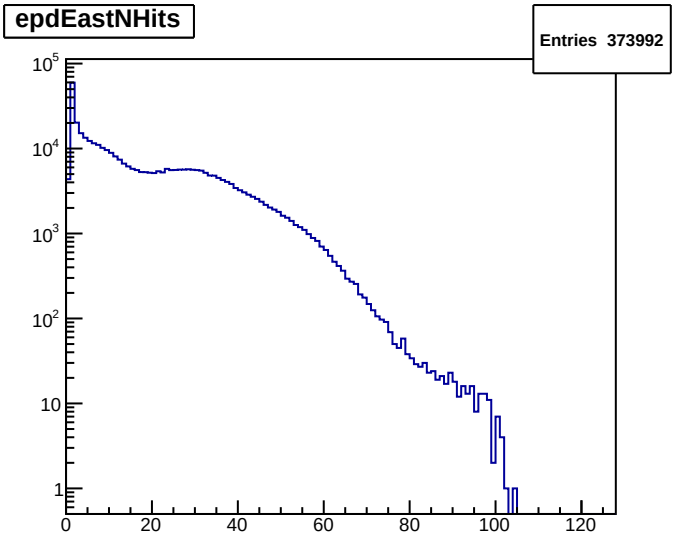
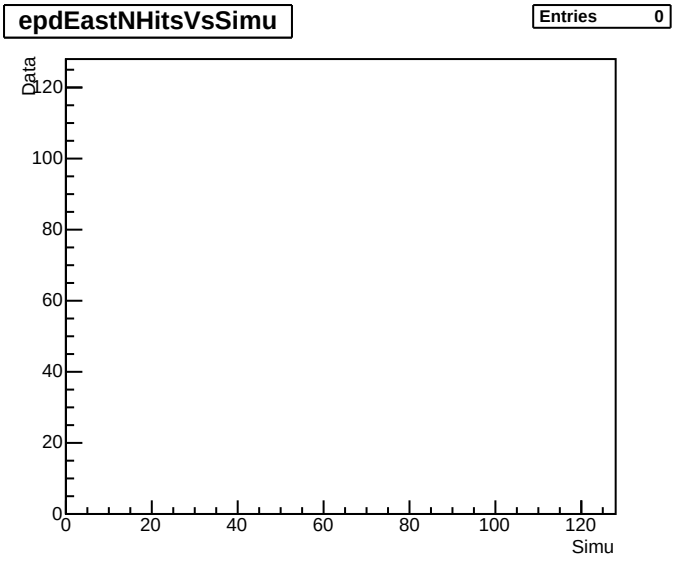
Entries 0
Data
Simu


epdEastTac47
Entries 373992


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 373992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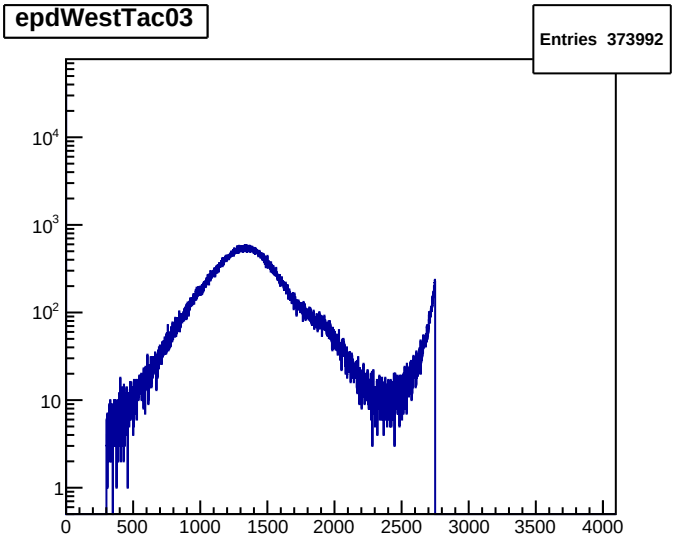
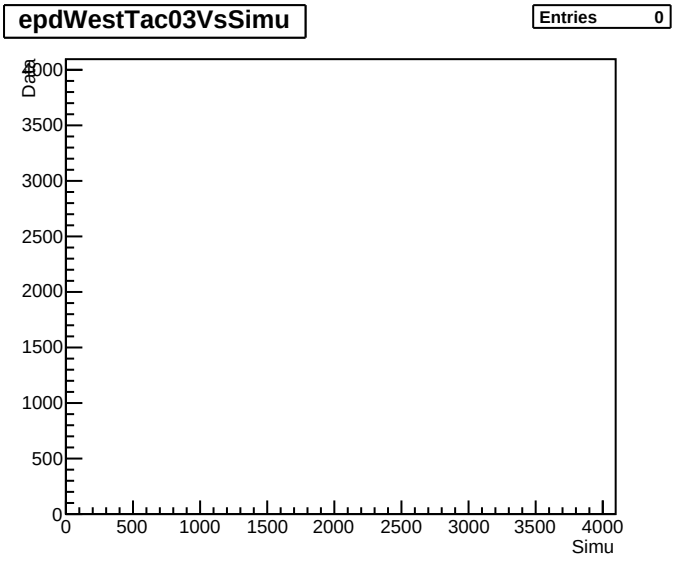
Entries 0
Data
Simu


epdWestTac03
Entries 373992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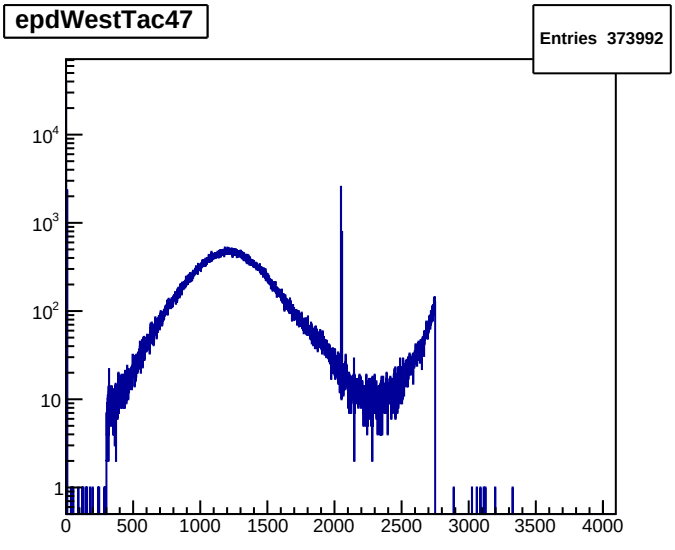
Entries 0
Data
Simu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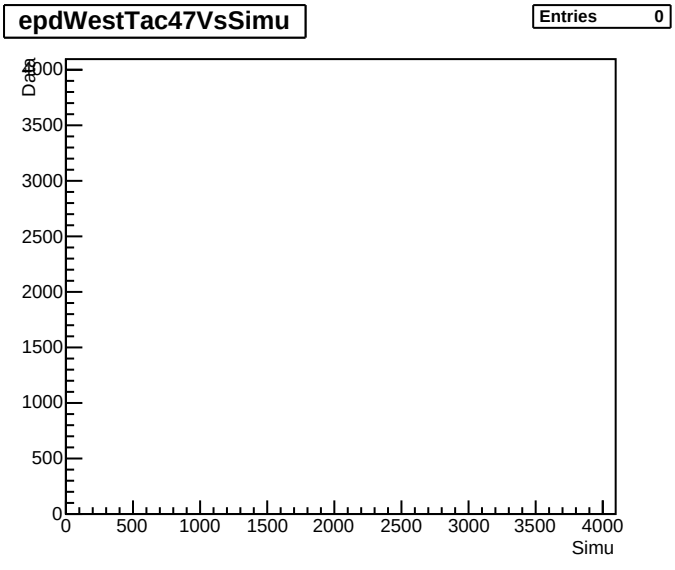
Entries 373992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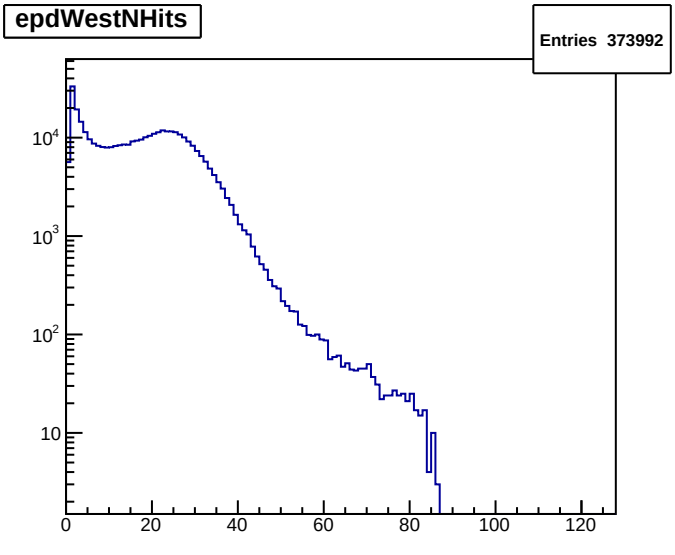
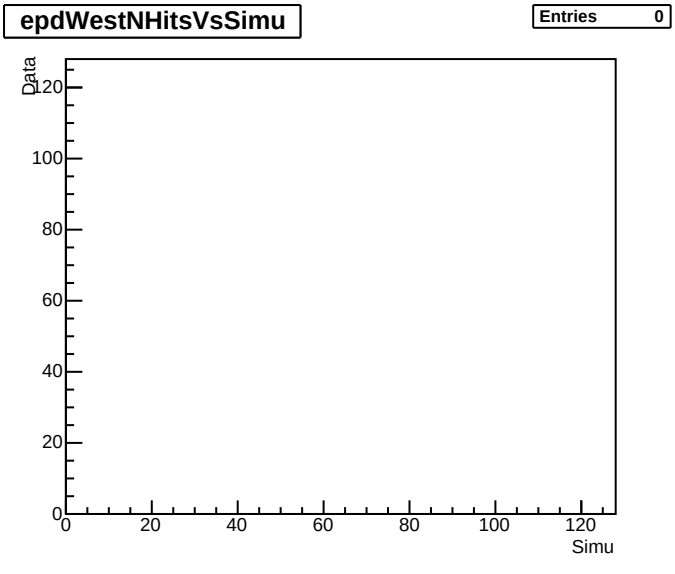
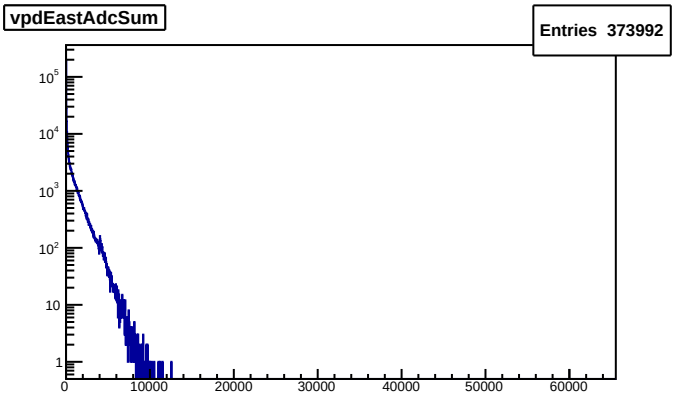
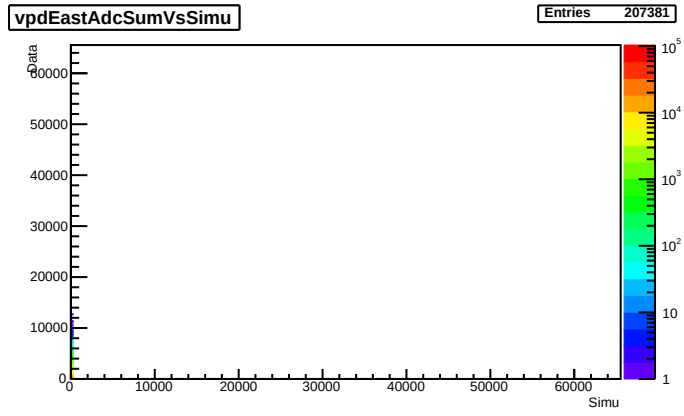
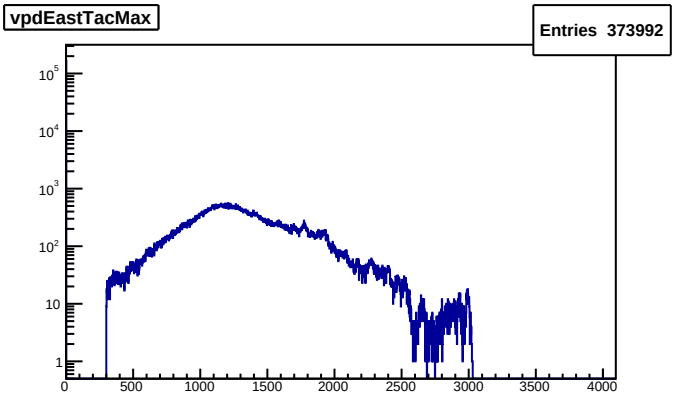
Entries 0
Data
Simu

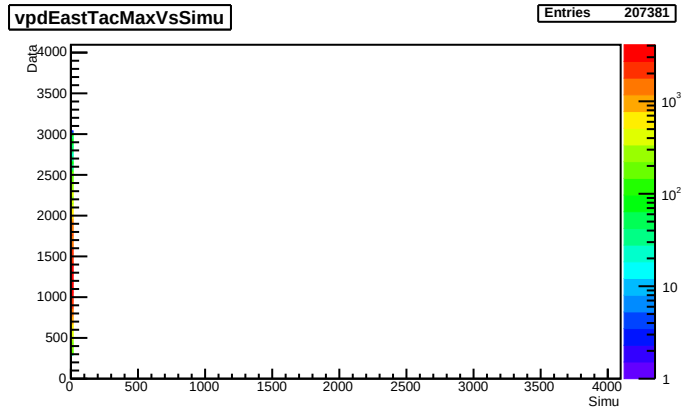

epdWestNHits
Entries 373992

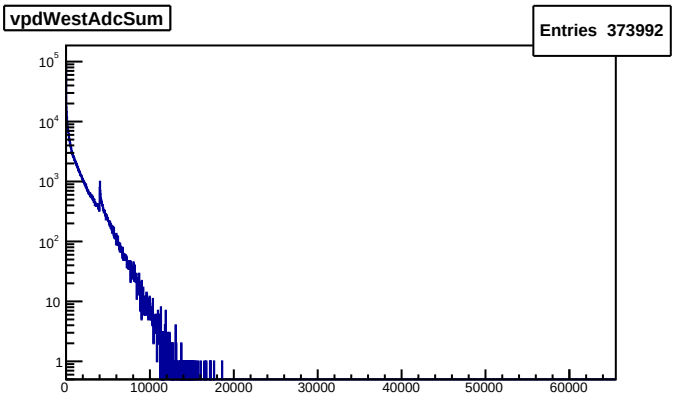

epdWestNHitsVsSimu
Entries 0
Data
Simu

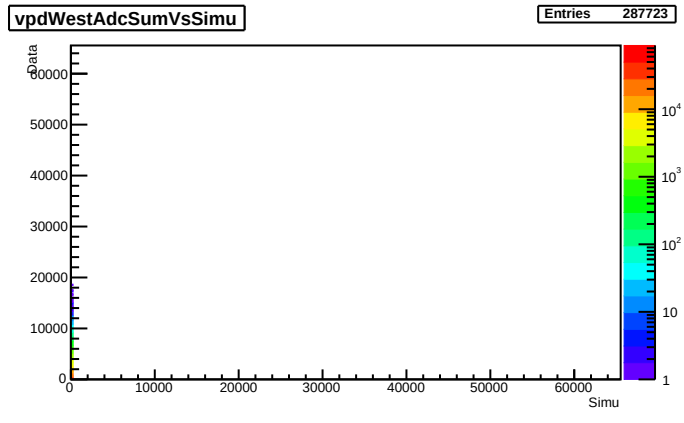

vpdEastAdcSum
Entries 373992

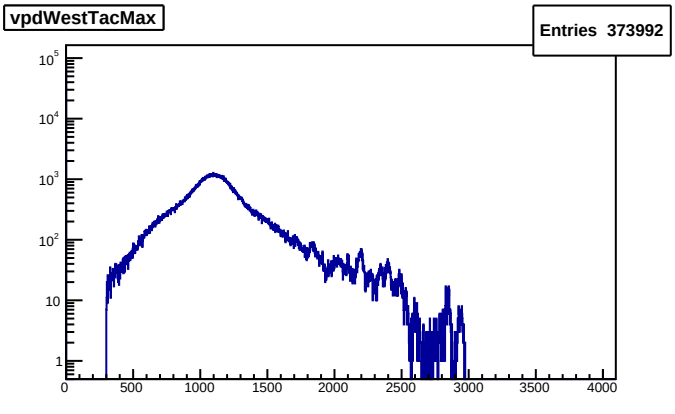

vpdEastAdcSumVsSimu
Entries 207381
Data
Simu

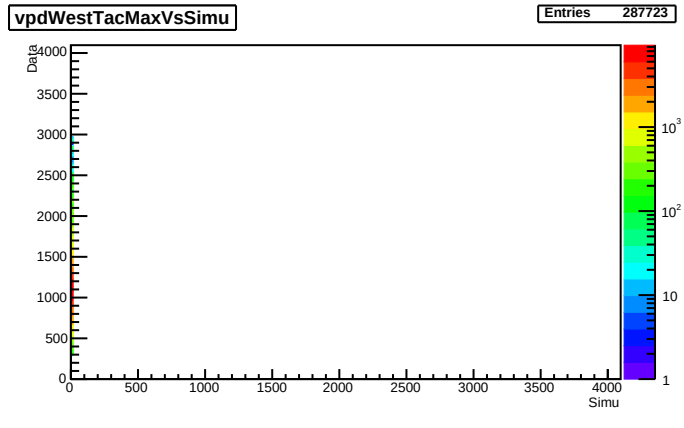

vpdEastTacMax
Entries 373992

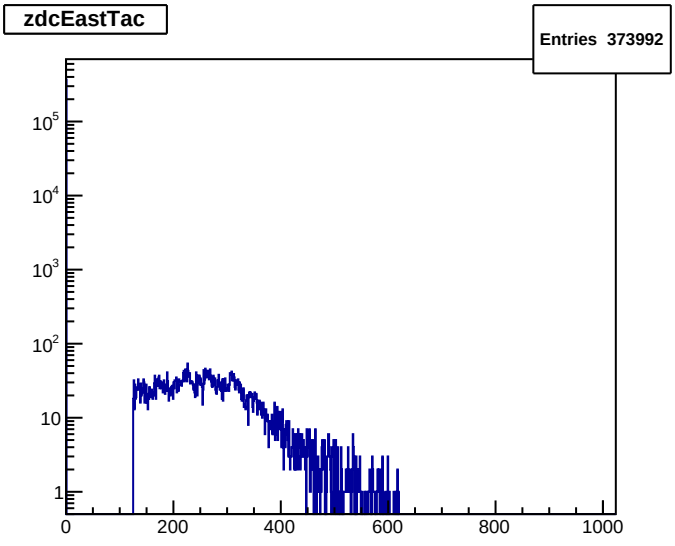

vpdEastTacMaxVsSimu
Entries 207381
Data
Simu

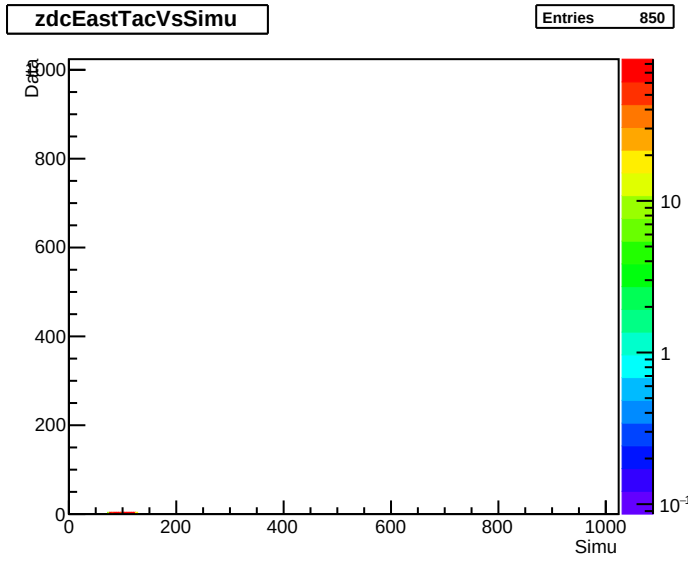

vpdWestAdcSum
Entries 373992

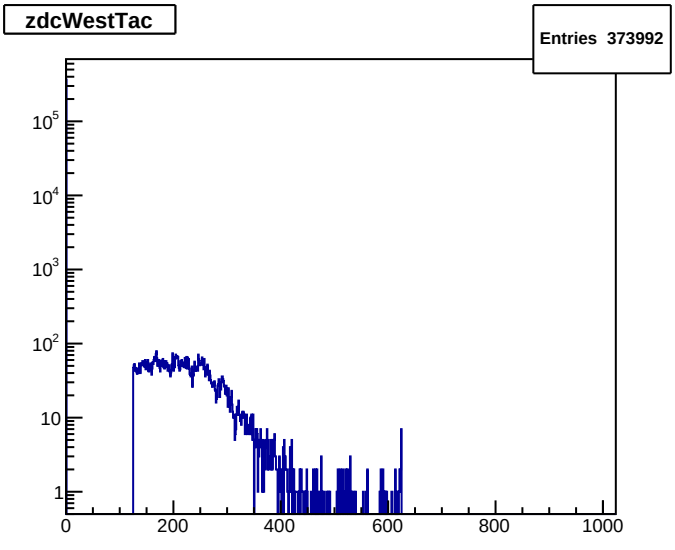

vpdWestAdcSumVsSimu
Entries 287723
Data
Simu

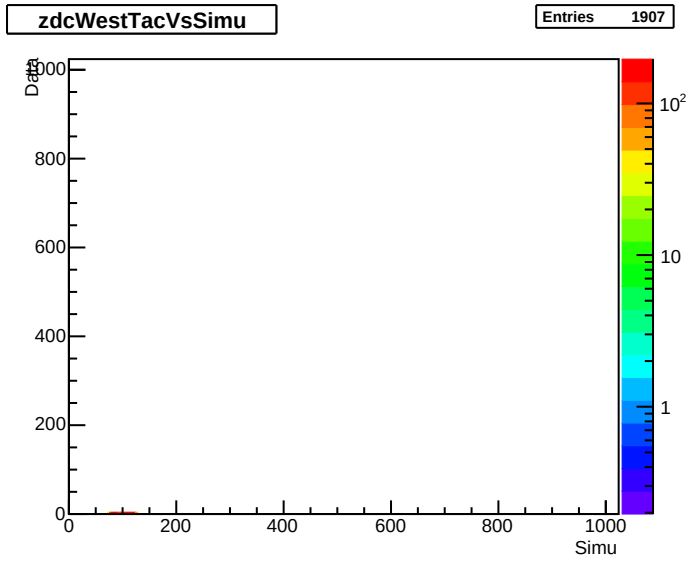

vpdWestTacMax
Entries 373992

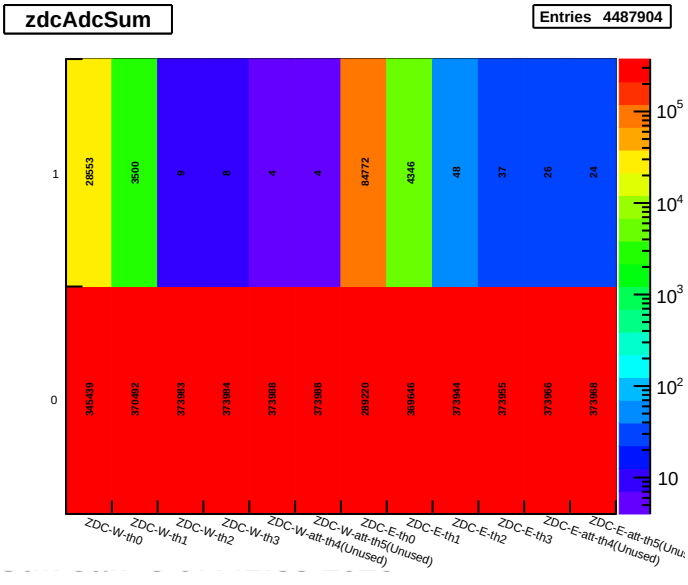

vpdWestTacMaxVsSimu
Entries 287723
Data
Simu

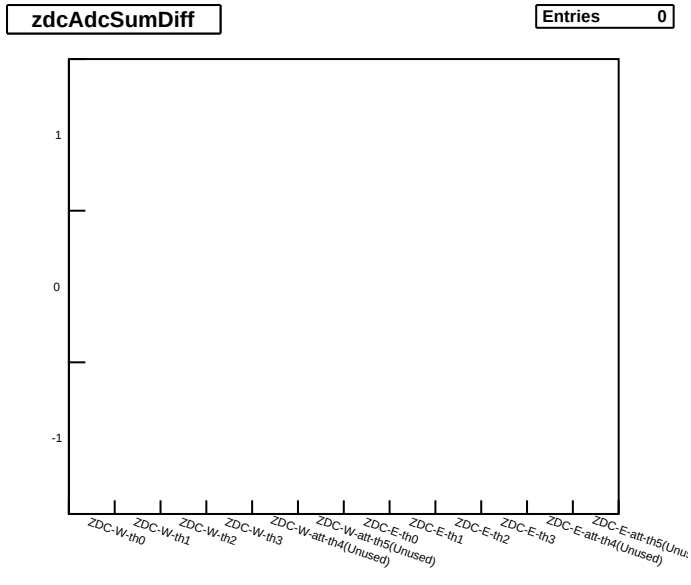

zdcEastTac
Entries 373992

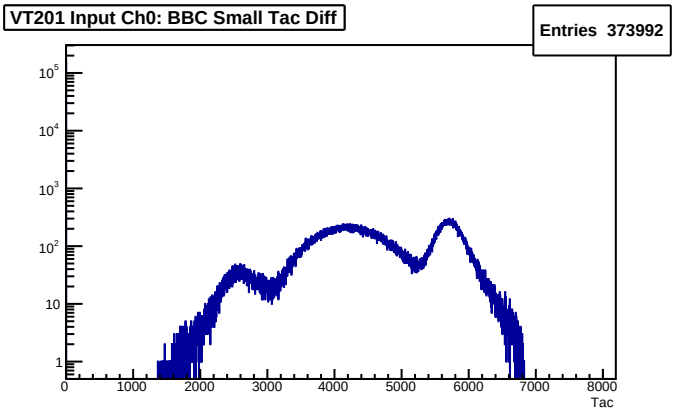

zdcEastTacVsSimu
Entries 850
Data
Simu

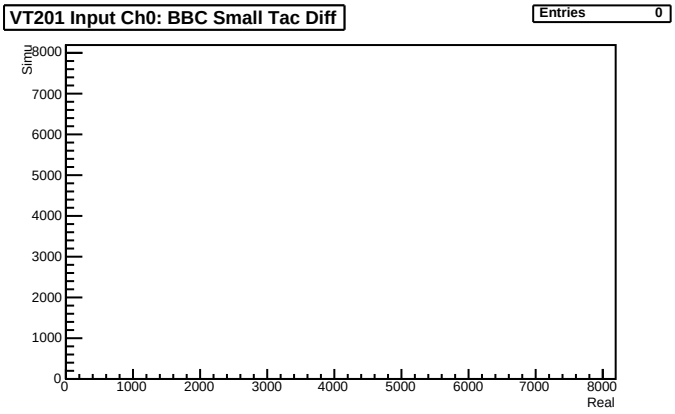

zdcWestTac
Entries 373992

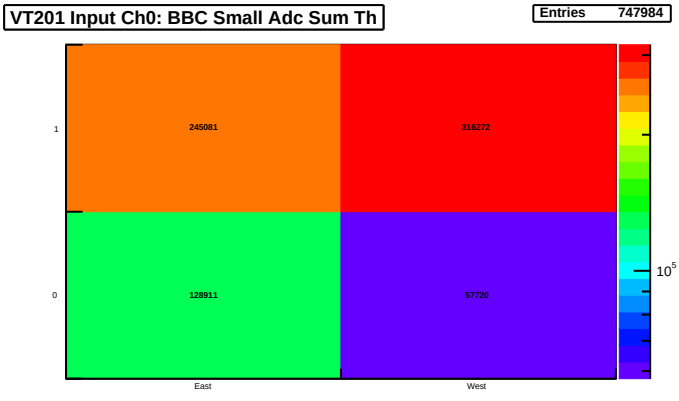

zdcWestTacVsSimu
Entries 1907
Data
Simu

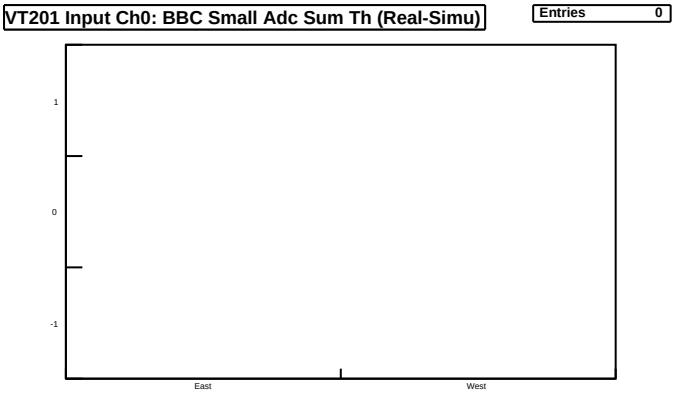

zdcAdcSum
Entries 4487904
28553
3500
9
8
4
4
84772
4346
48
37
26
24
345439
370492
373983
373984
373988
373988
289220
369646
373944
373955
373966
373988
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

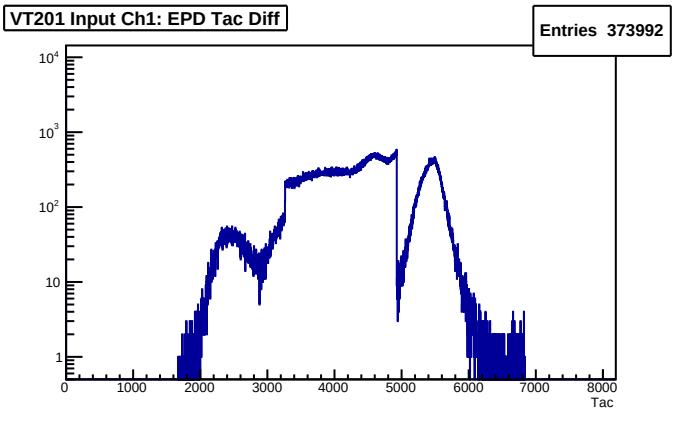

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

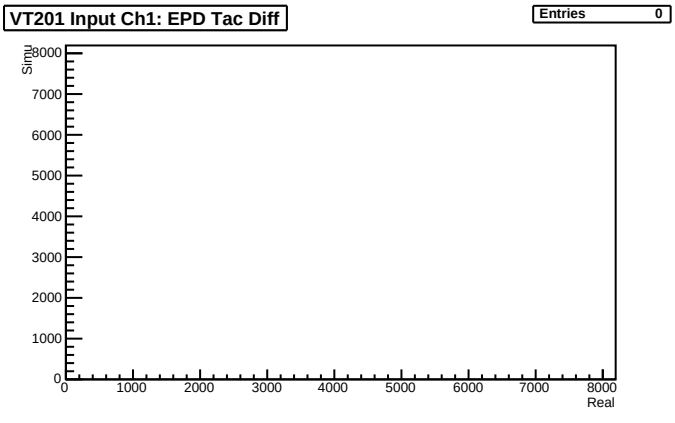

VT201 Input Ch0: BBC Small Tac Diff
Entries 373992
Tac

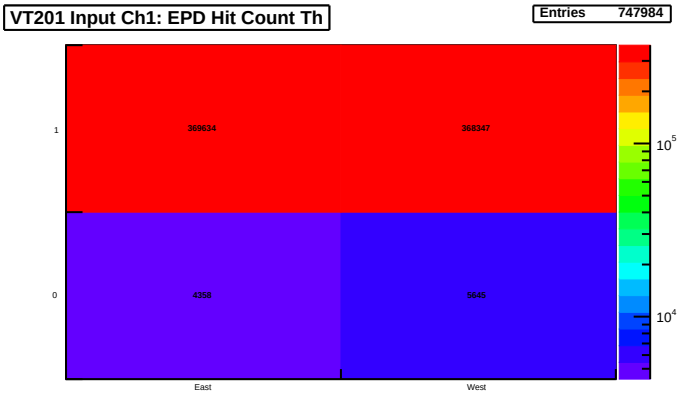

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

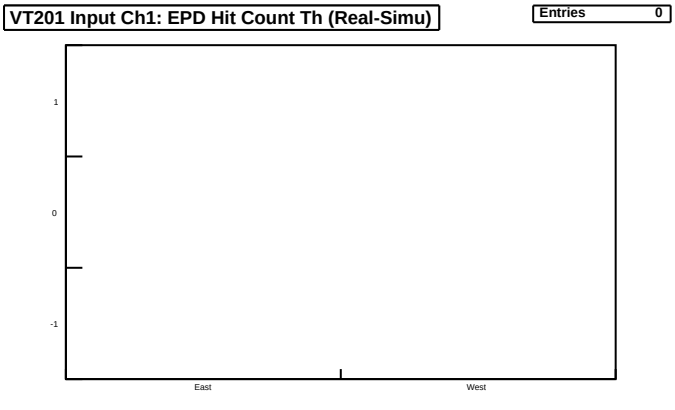

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 747984
245081
316272
128911
57720
East
West

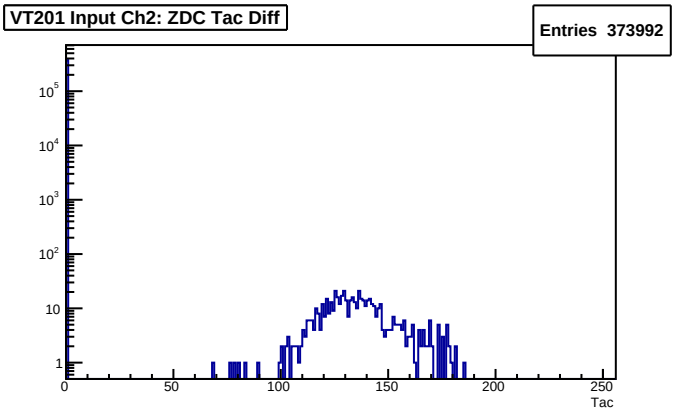

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

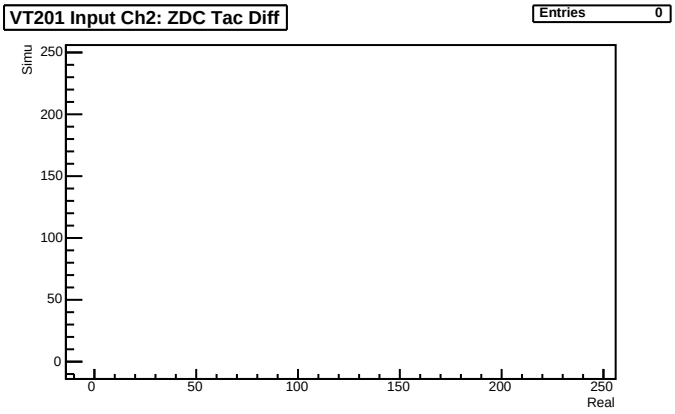

VT201 Input Ch1: EPD Tac Diff
Entries 373992
Tac

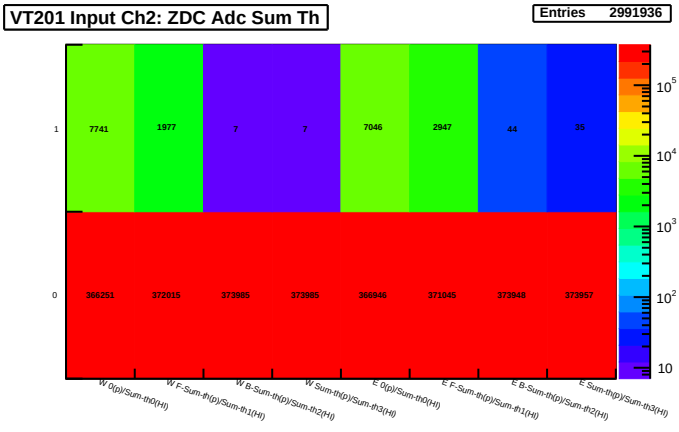

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

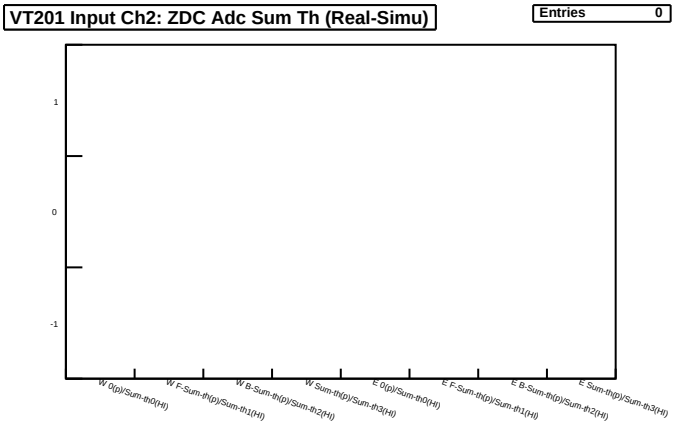

VT201 Input Ch1: EPD Hit Count Th
Entries 747984
369634
368347
4358
5645
East
West

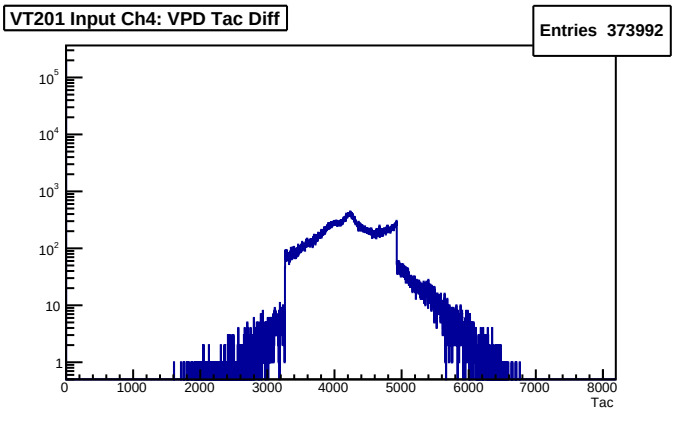

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

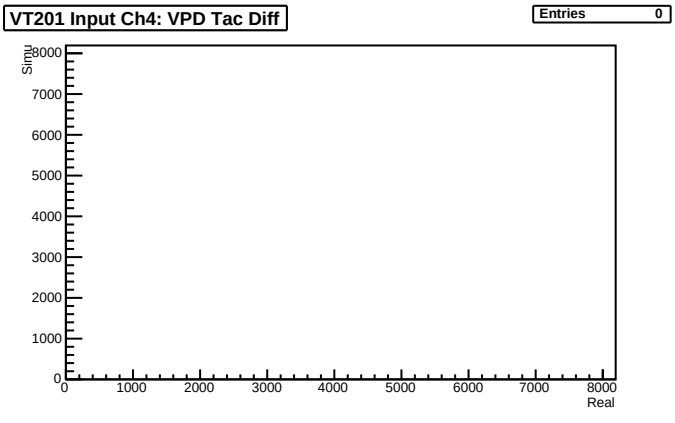

VT201 Input Ch2: ZDC Tac Diff
Entries 373992
Tac

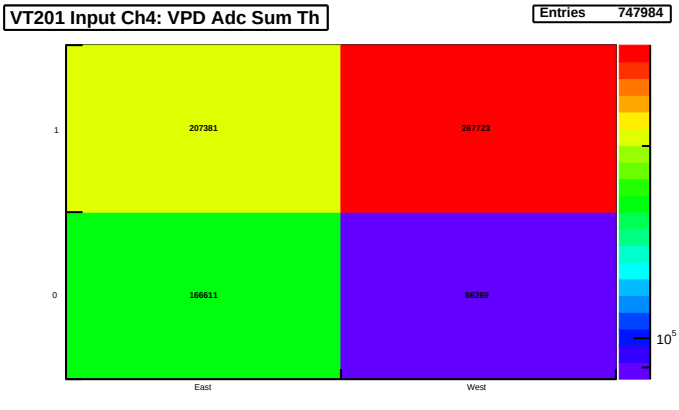

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

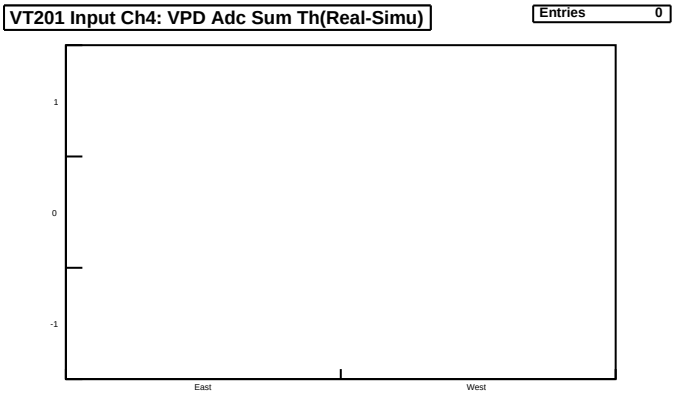

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2991936
7741
1977
7
7
7046
2947
44
35
366251
372015
373985
373985
366946
371045
373948
373957
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

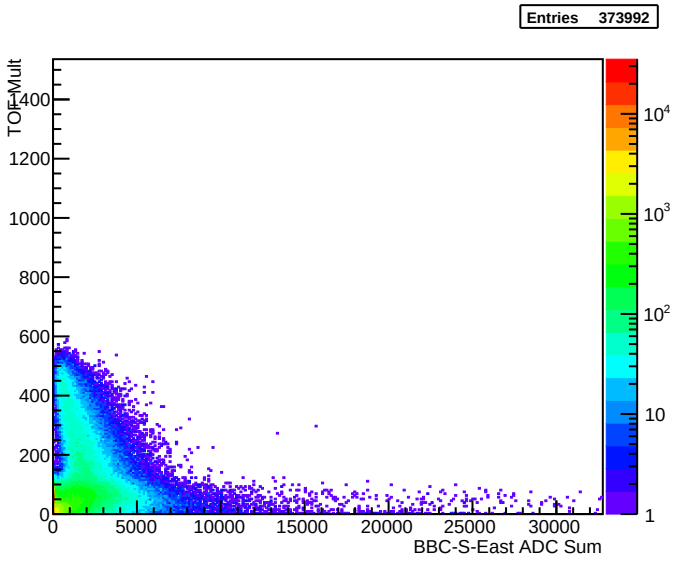

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

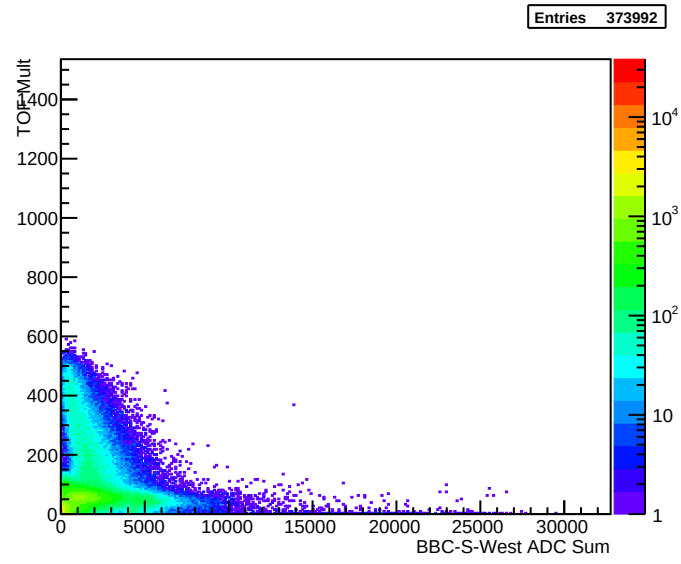

VT201 Input Ch4: VPD Tac Diff
Entries 373992
Tac

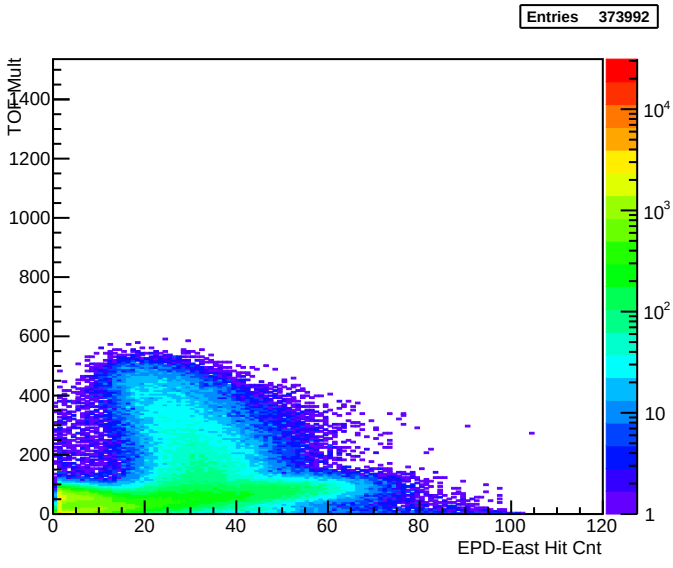

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

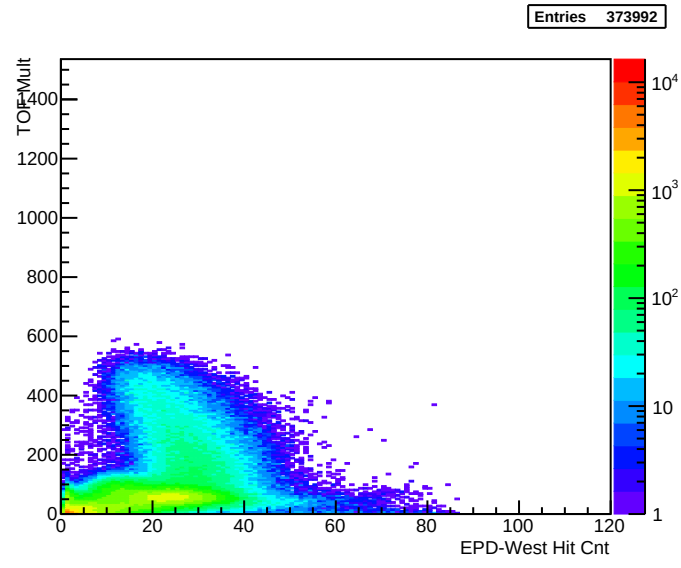

VT201 Input Ch4: VPD Adc Sum Th
Entries 747984
207381
287723
166611
86269
East
West

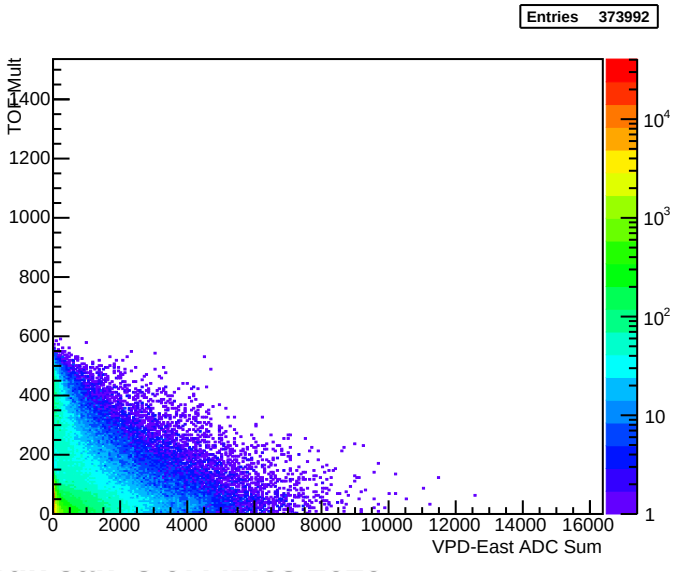

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

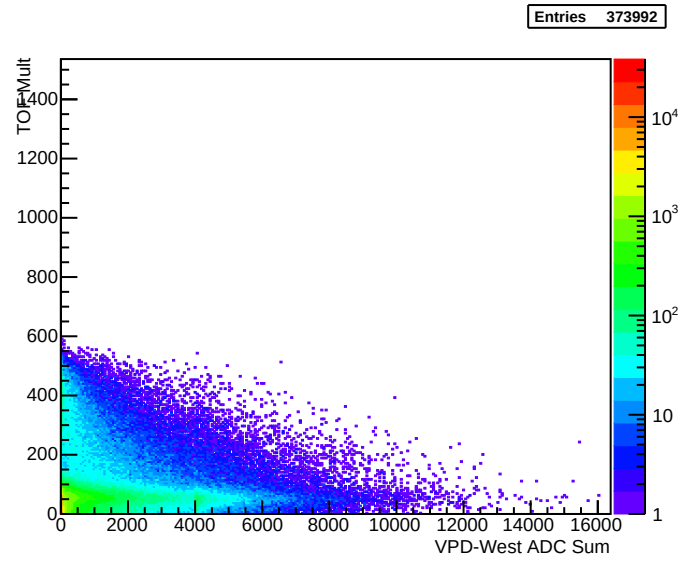

Entries 373992
TOF-Mult
BBC-S-East ADC Sum

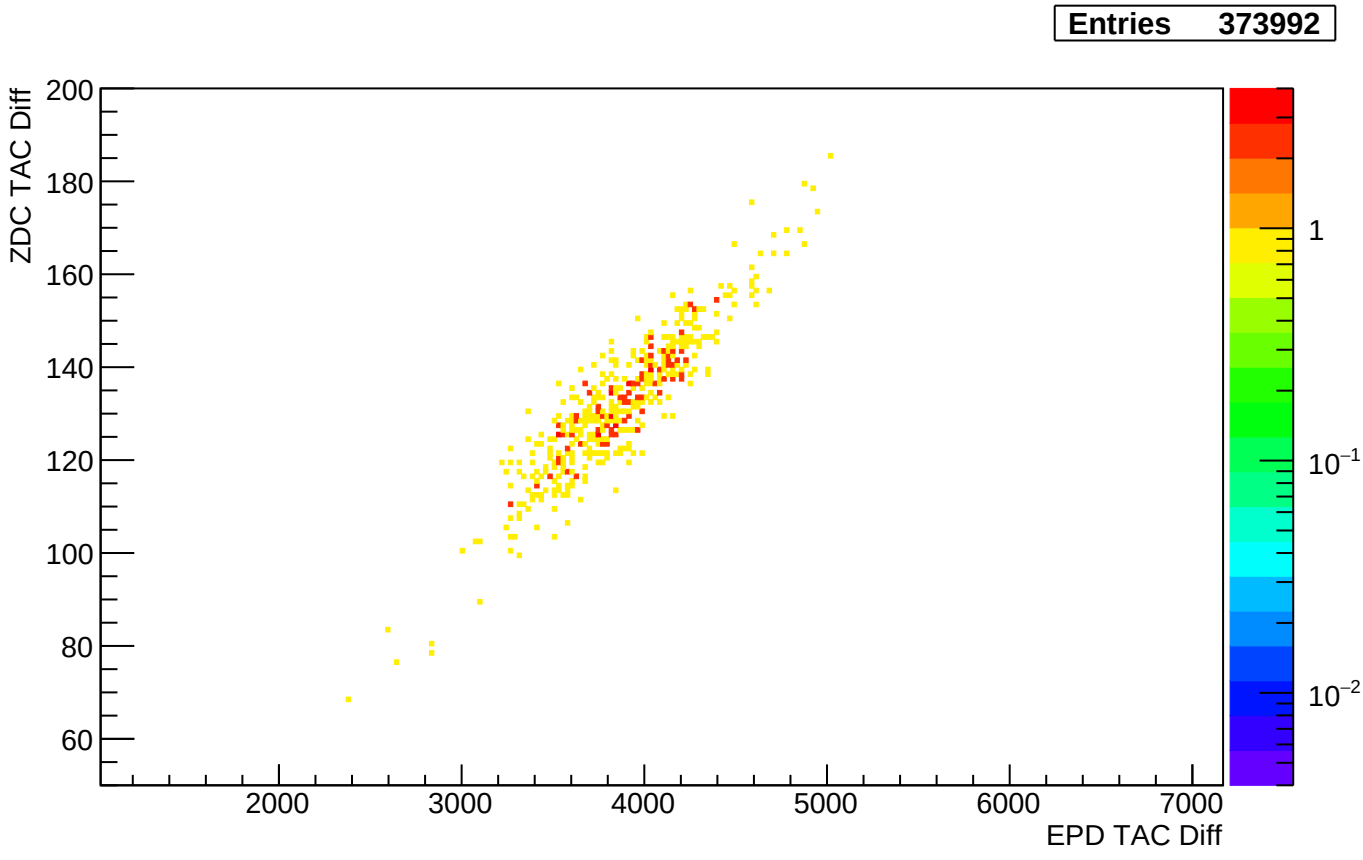

Entries 373992
TOF-Mult
BBC-S-West ADC Sum

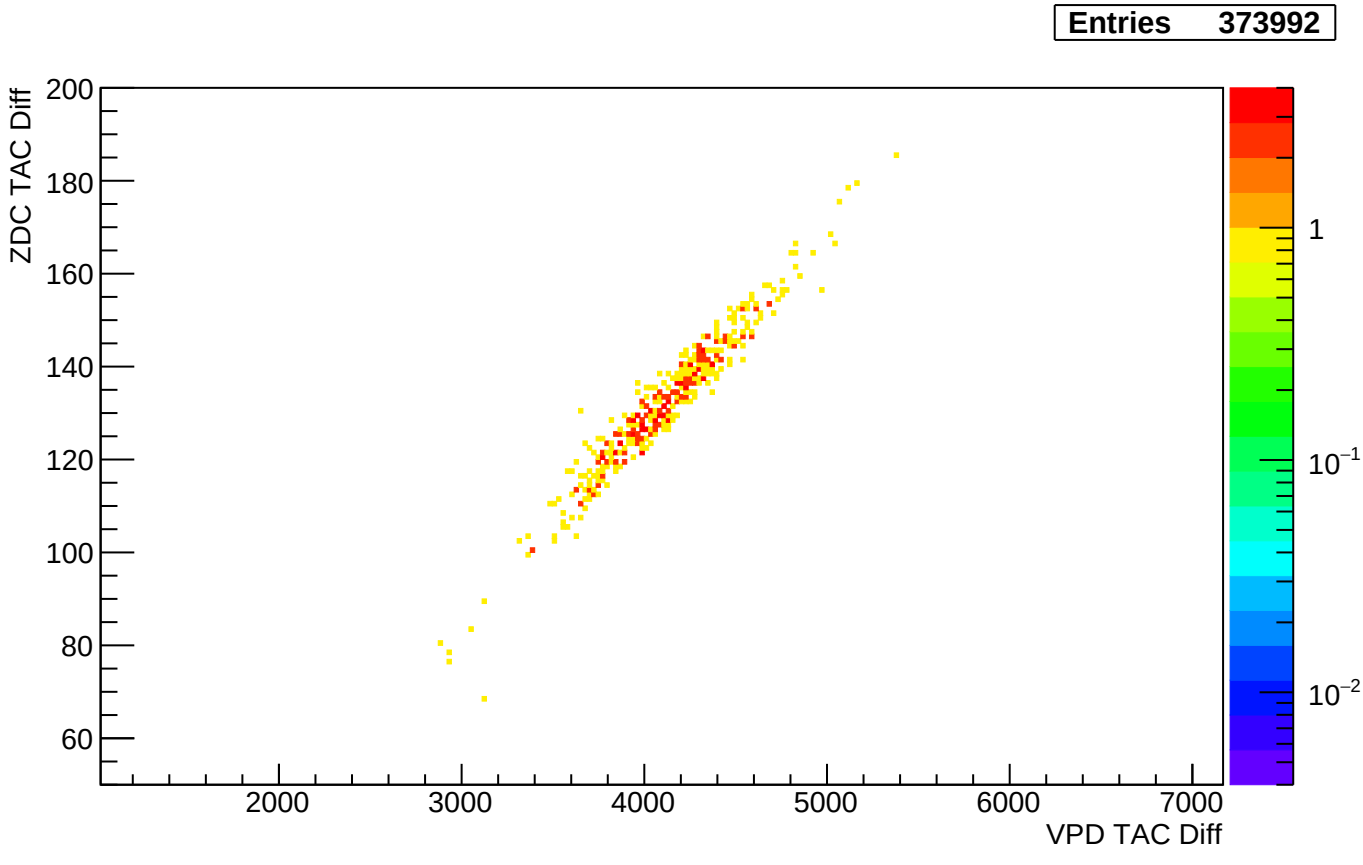

Entries 373992
TOF-Mult
EPD-East Hit Cnt

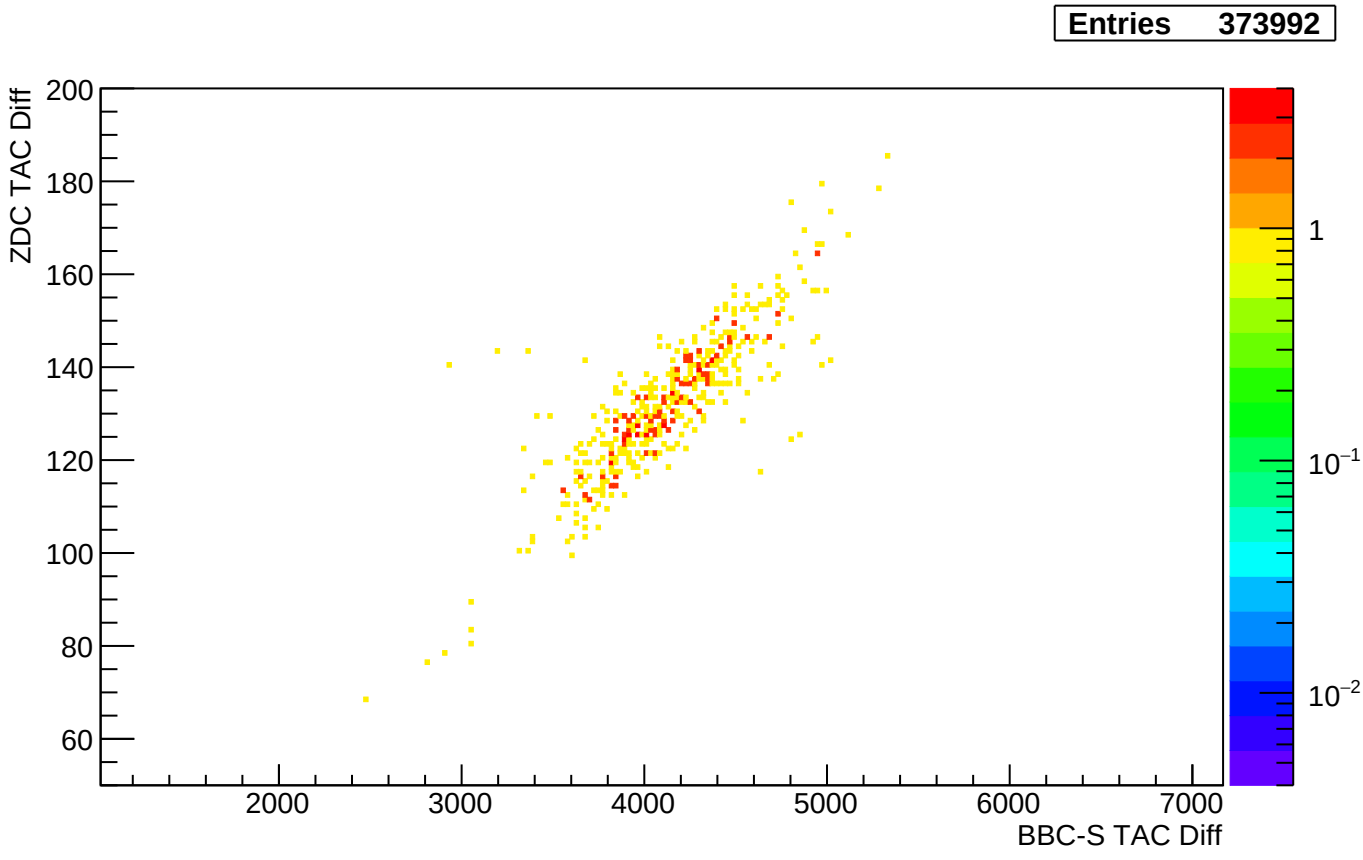

Entries 373992
TOF-Mult
EPD-West Hit Cnt

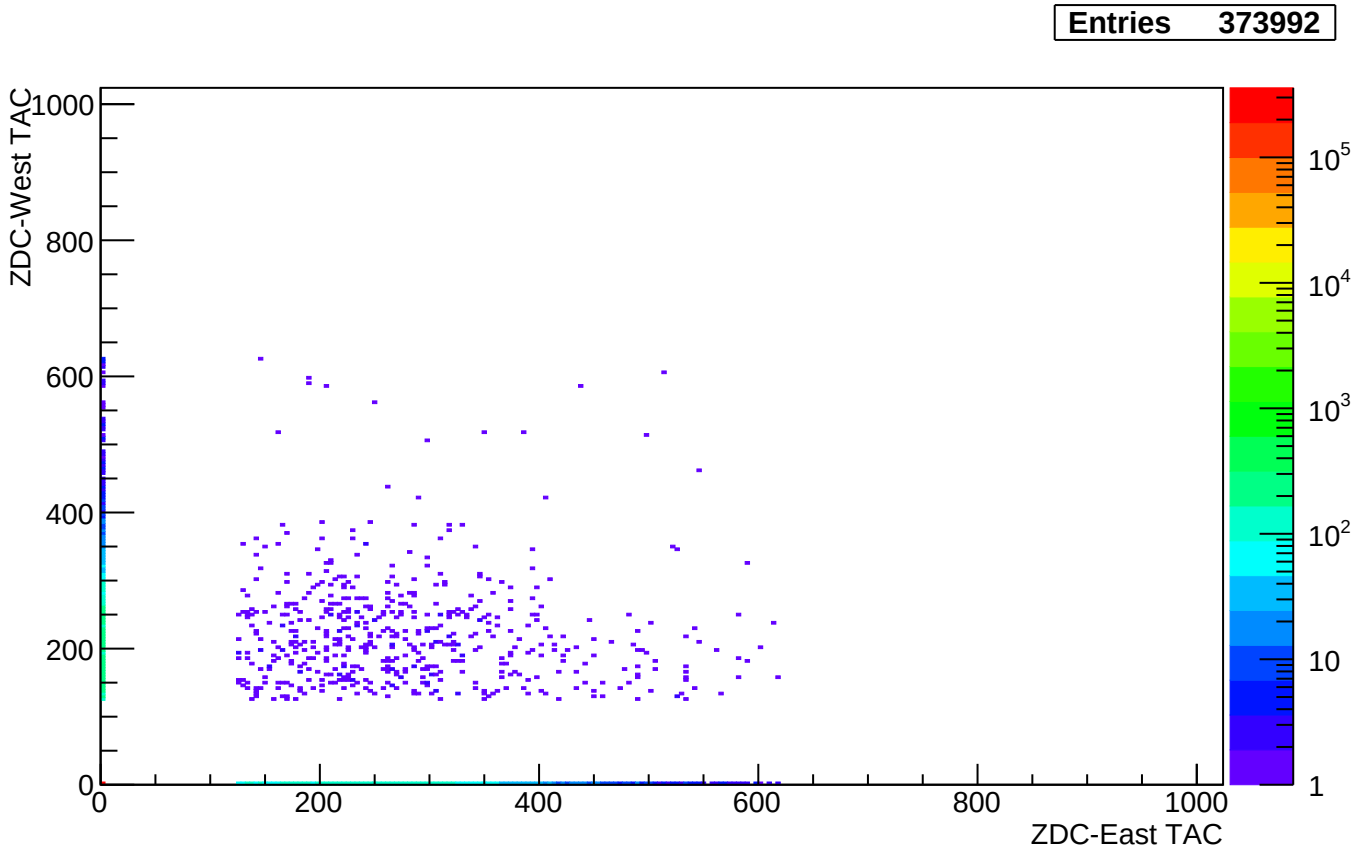

Entries 373992
TOF-Mult
VPD-East ADC Sum

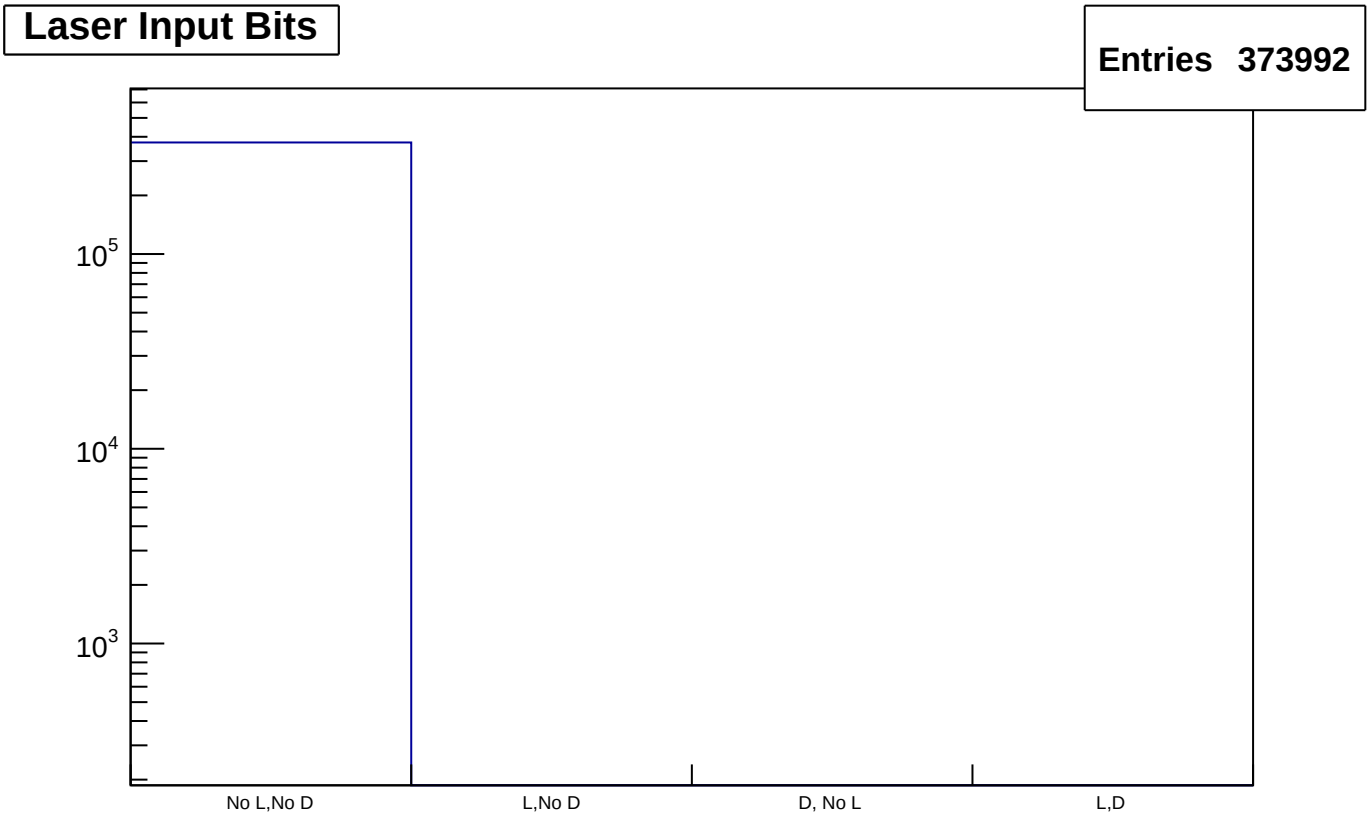

Entries 373992
TOF-Mult
VPD-West ADC Sum

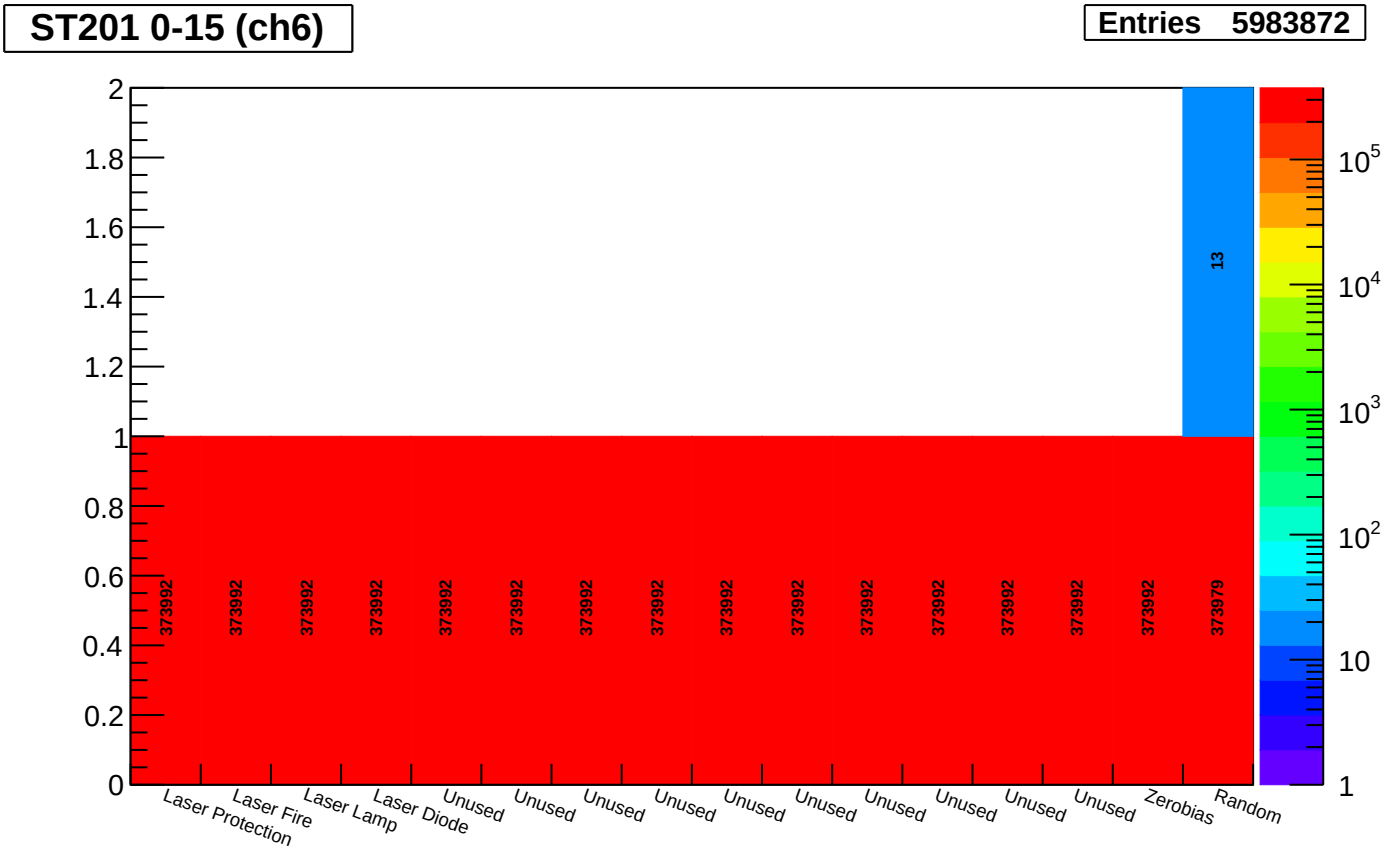

Entries 373992
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

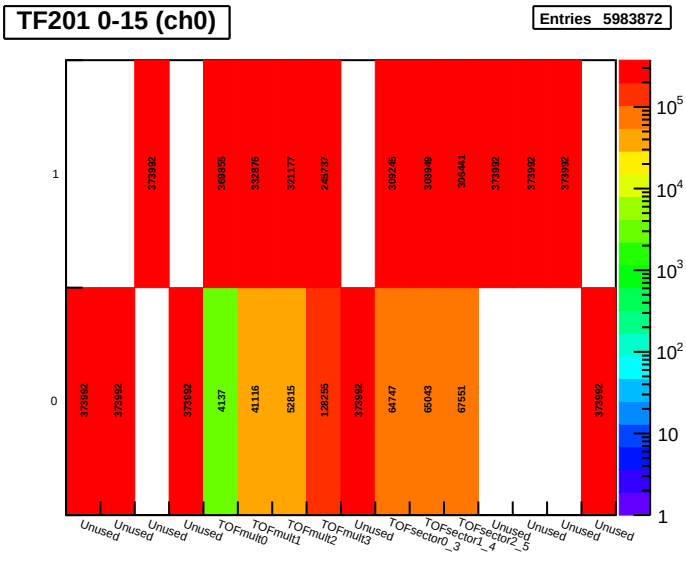

Entries 373992
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

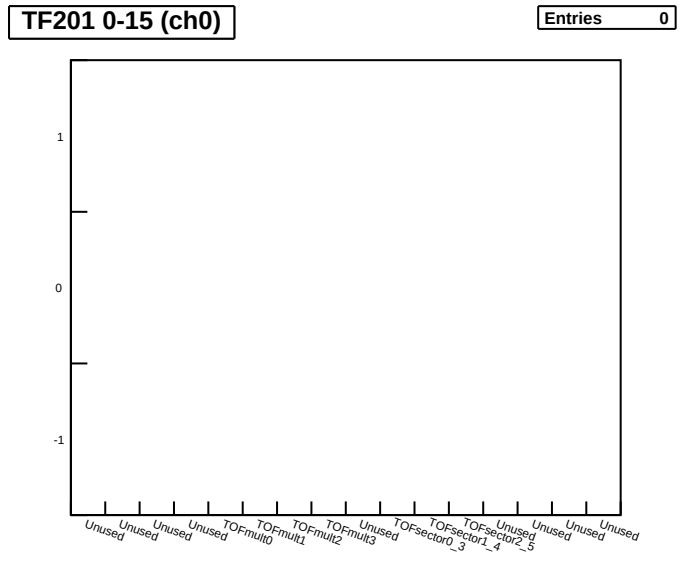

Entries 373992
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

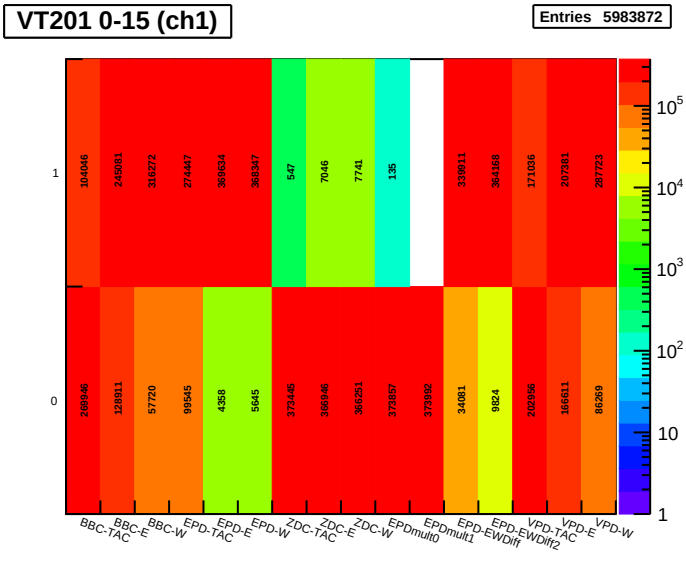

Entries 373992
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

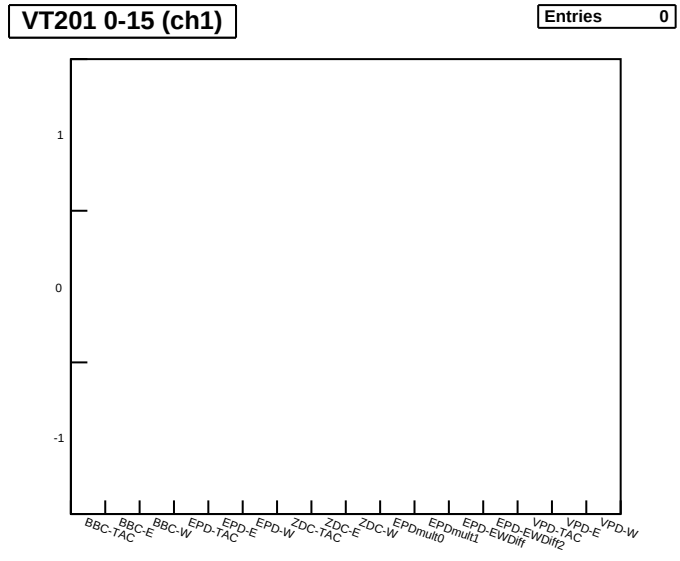

Laser Input Bits
Entries 373992
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

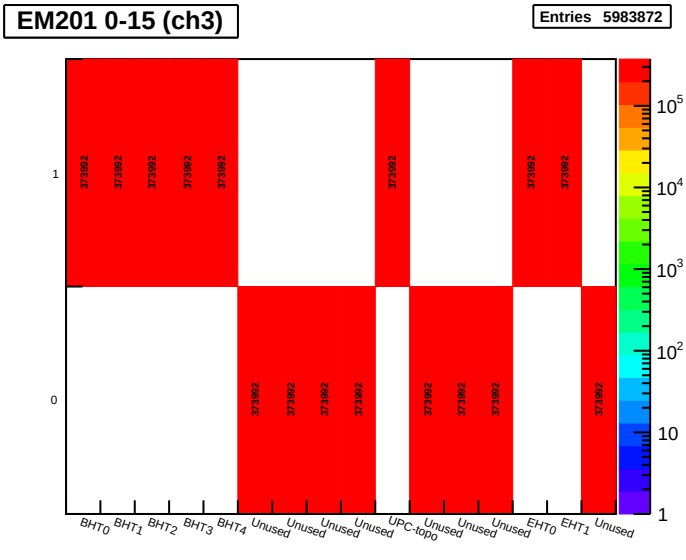

ST201 0-15 (ch6)
Entries 5983872
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
13
373992
373992
373992
373992
373992
373992
373992
373992
373992
373992
373992
373992
373992
373992
373992
373979
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

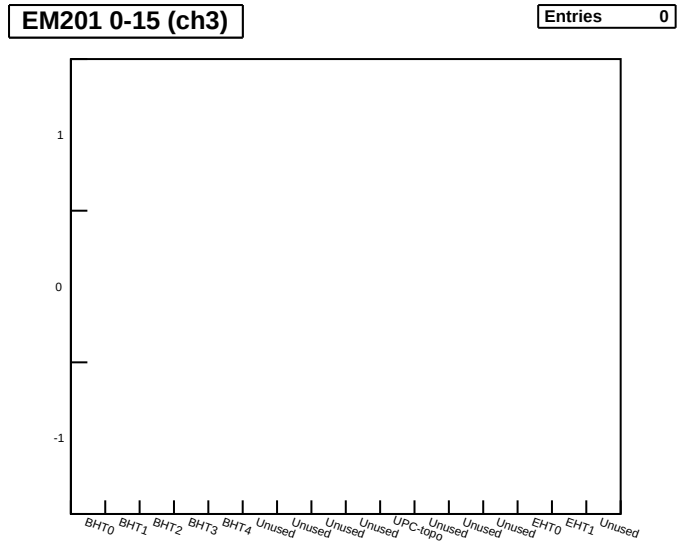

TF201 0-15 (ch0)
Entries 5983872
1
0
373992 369855 332876 321177 245737 369245 369949 306441 373992 373992 373992
373992 373992 373992 4137 41116 52815 128255 373992 64747 65043 67551 373992
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 5983872
1
0
104046 245081 316272 274447 369634 368347 547 7046 7741 135 339911 384168 171036 207381 287723
268946 128911 57720 99545 4358 5645 373445 366946 366251 373857 373992 34081 9824 202956 166611 86269
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 5983872
1
0
373992 373992 373992 373992 373992 373992 373992 373992
373992 373992 373992 373992 373992 373992 373992 373992
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