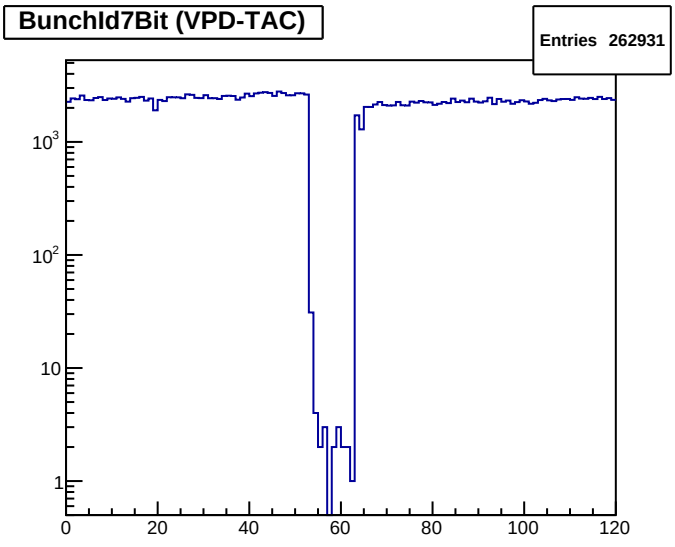
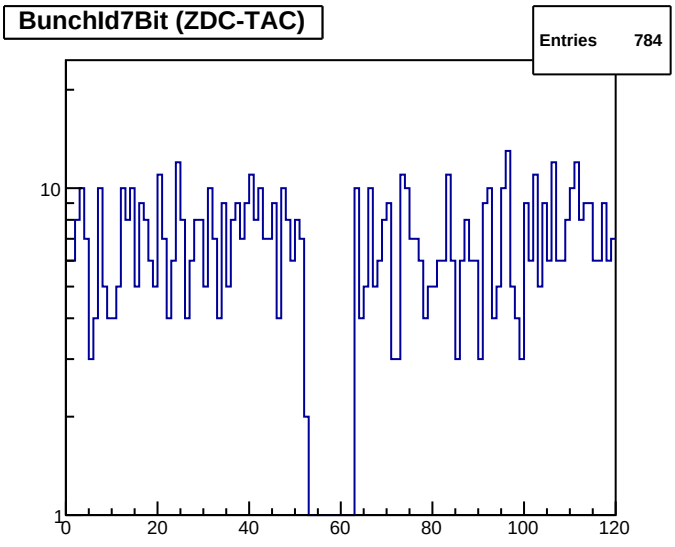
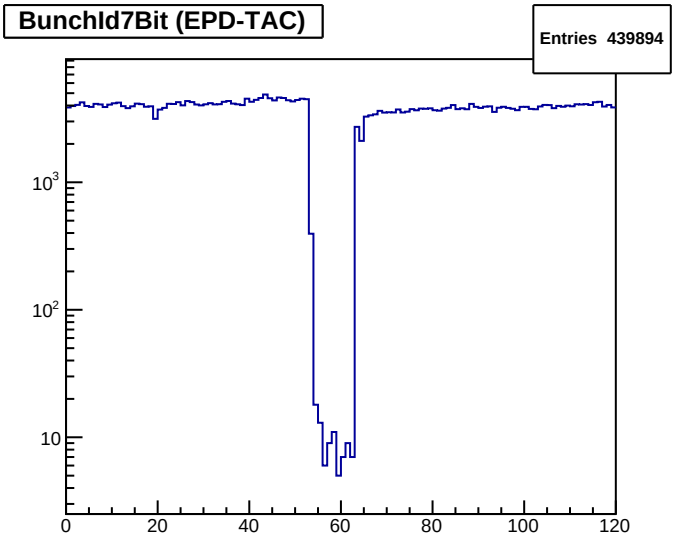
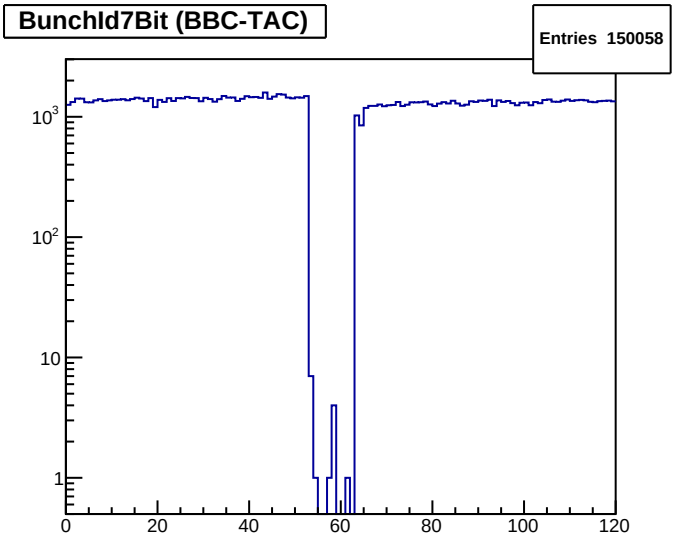
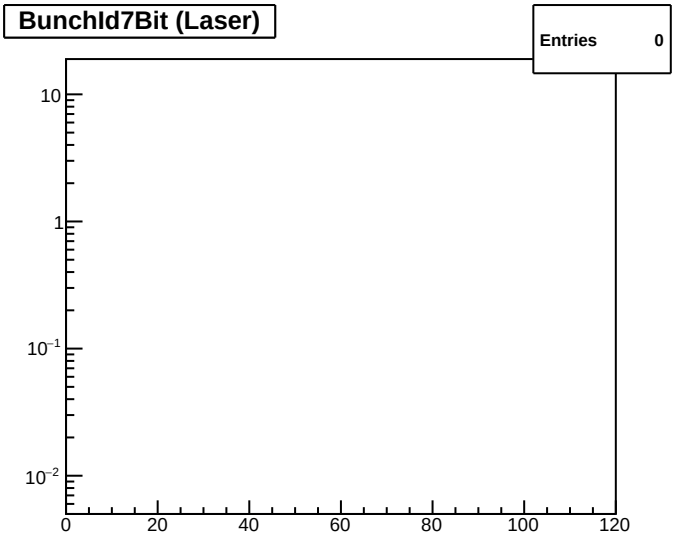
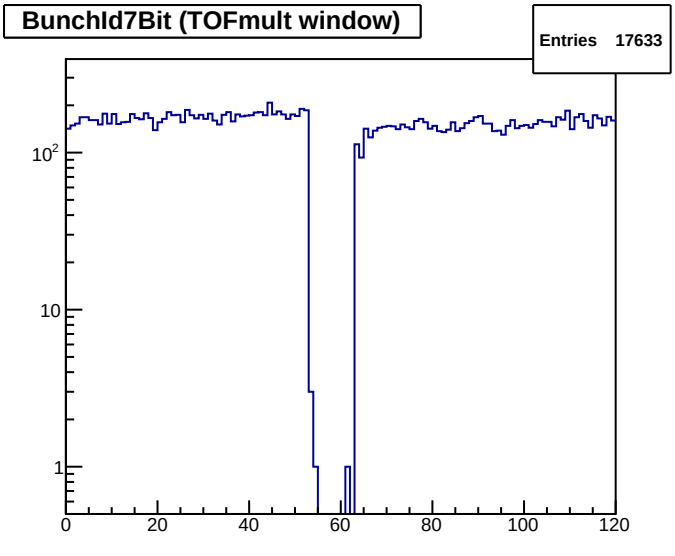

BunchId7Bit (VPD-TAC)
Entries 262931

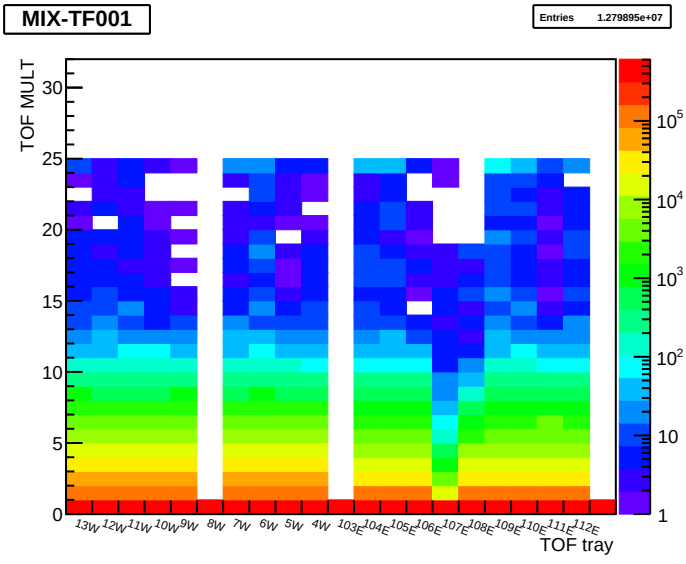

BunchId7Bit (ZDC-TAC)
Entries 784

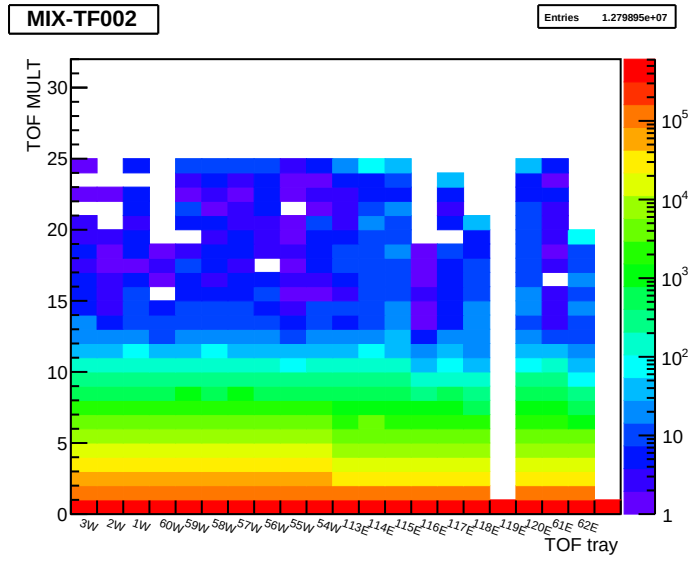

BunchId7Bit (EPD-TAC)
Entries 439894

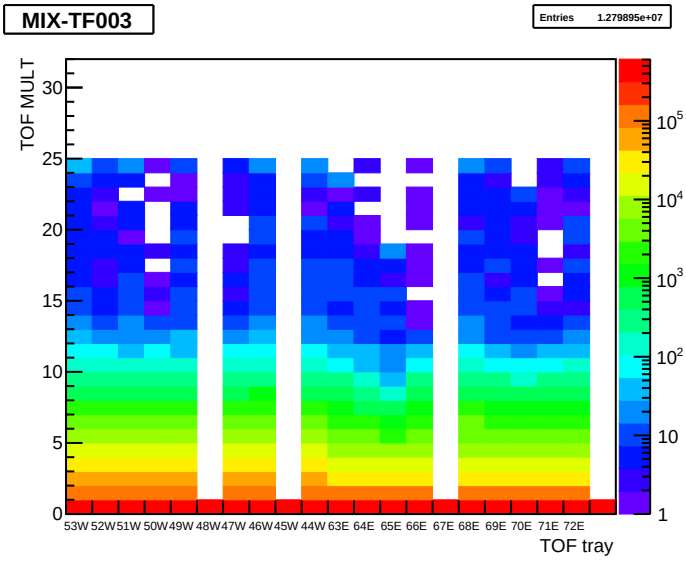

BunchId7Bit (BBC-TAC)
Entries 150058

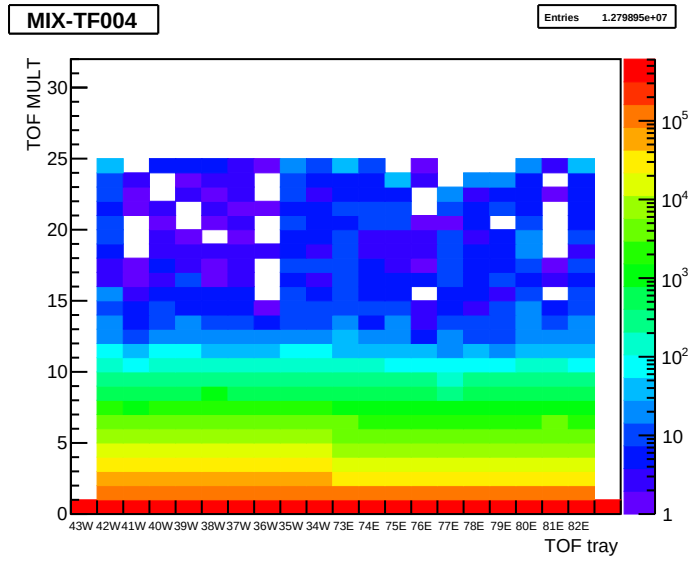

BunchId7Bit (Laser)
Entries 0

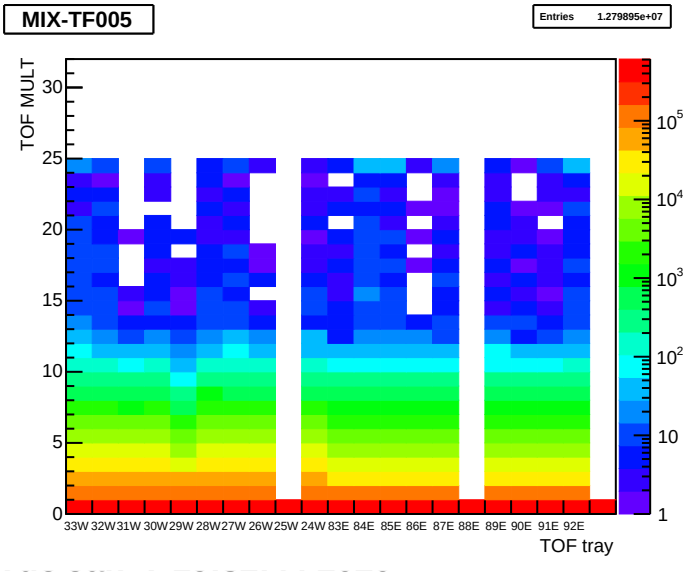

BunchId7Bit (TOFmult window)
Entries 17633

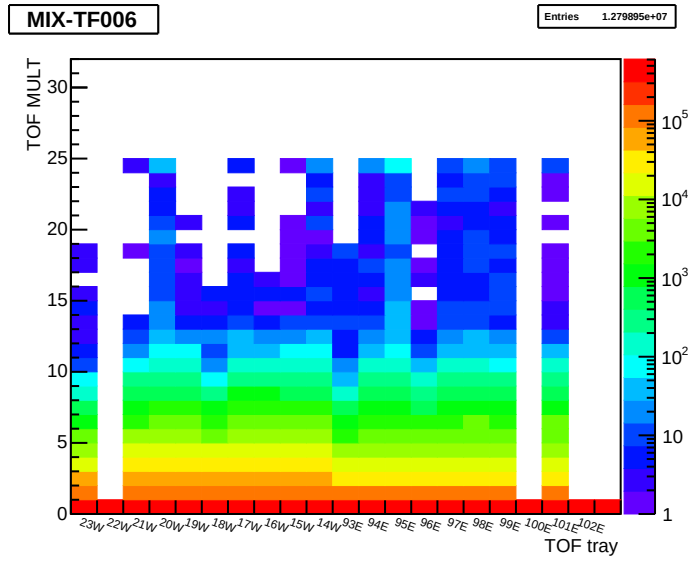

MIX-TF001
Entries 1.279895e+07
TOF MULT
TOF tray

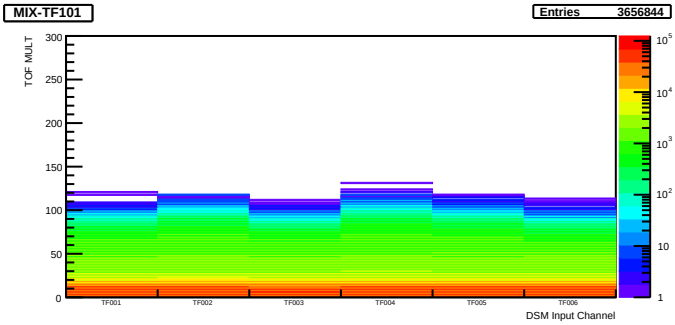

MIX-TF002
Entries 1.279895e+07
TOF MULT
TOF tray

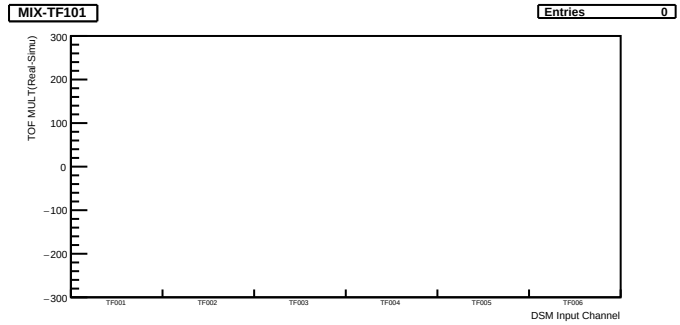

MIX-TF003
Entries 1.279895e+07
TOF MULT
TOF tray

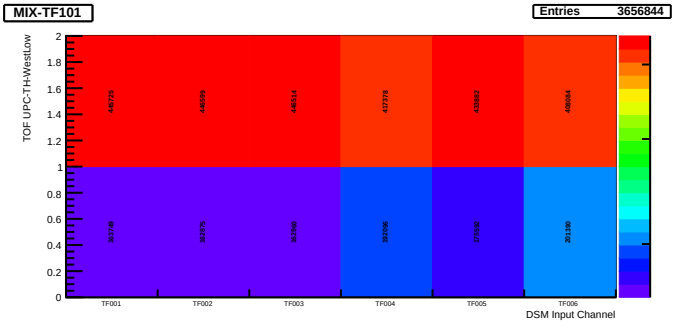

MIX-TF004
Entries 1.279895e+07
TOF MULT
TOF tray

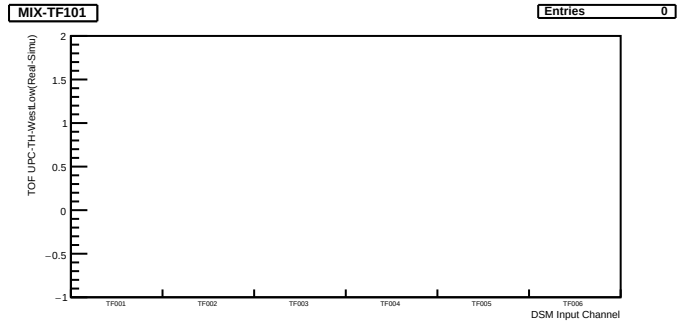

MIX-TF005
Entries 1.279895e+07
TOF MULT
TOF tray

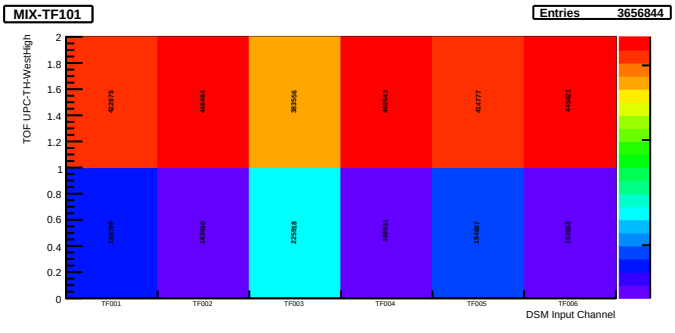

MIX-TF006
Entries 1.279895e+07
TOF MULT
TOF tray

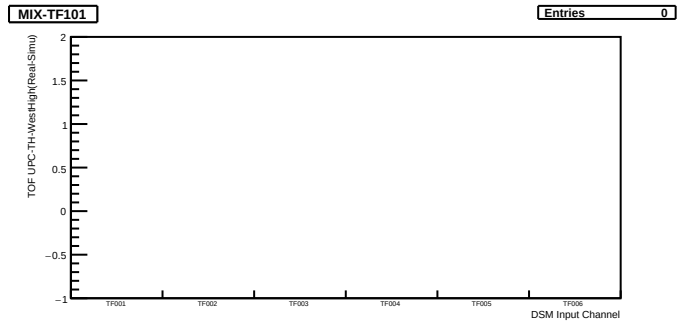

MIX-TF101
Entries 3656844
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

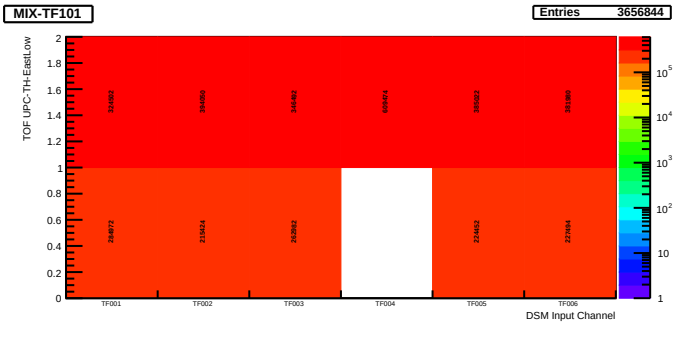

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

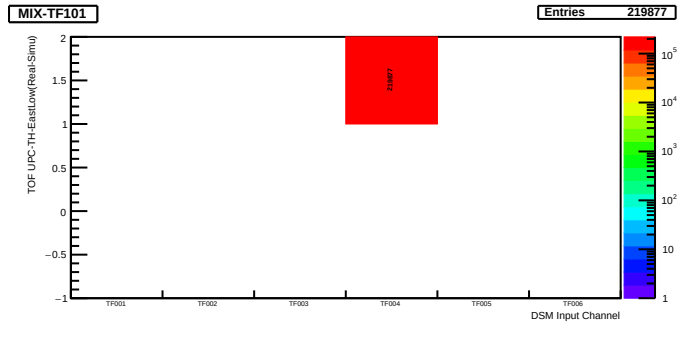

MIX-TF101
Entries 3656844
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

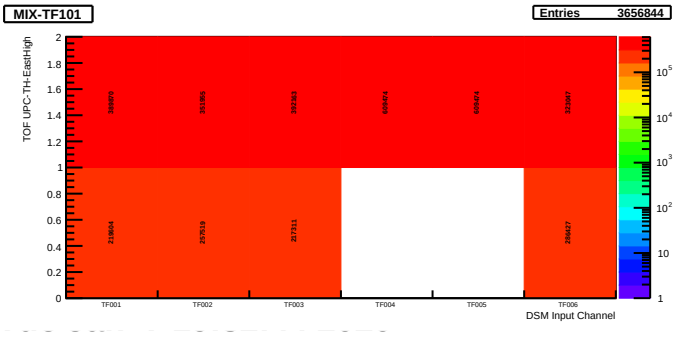

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

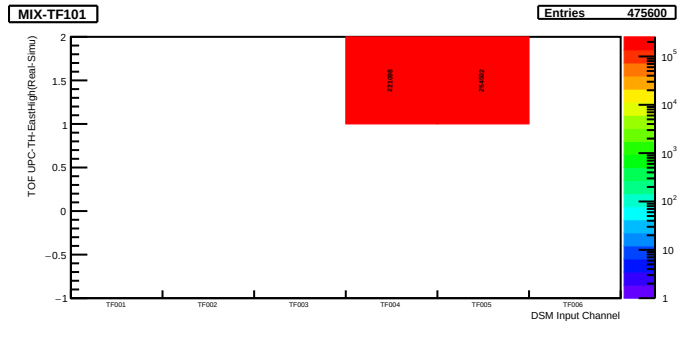

MIX-TF101
Entries 3656844
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

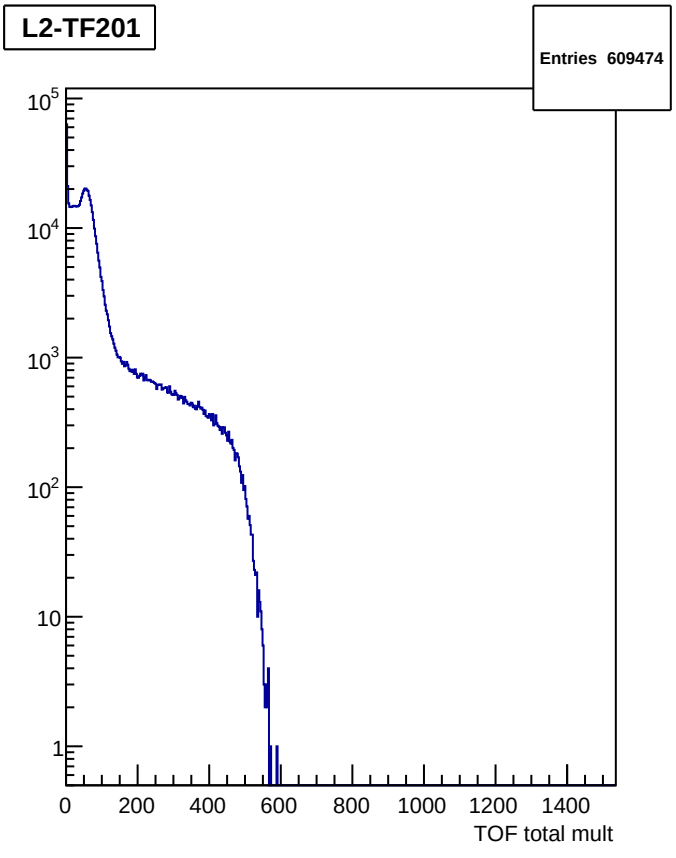

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

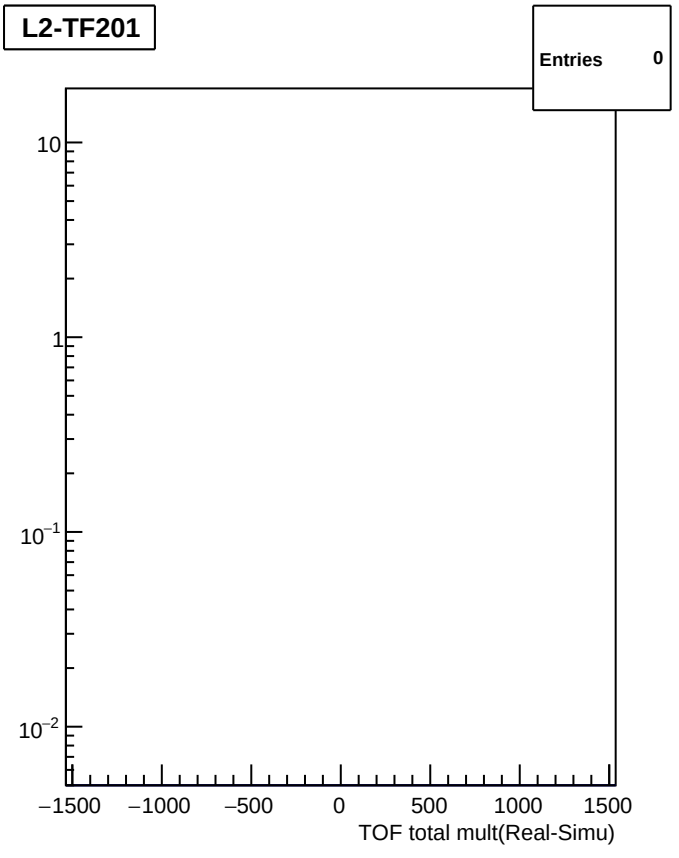

MIX-TF101
Entries 3656844
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

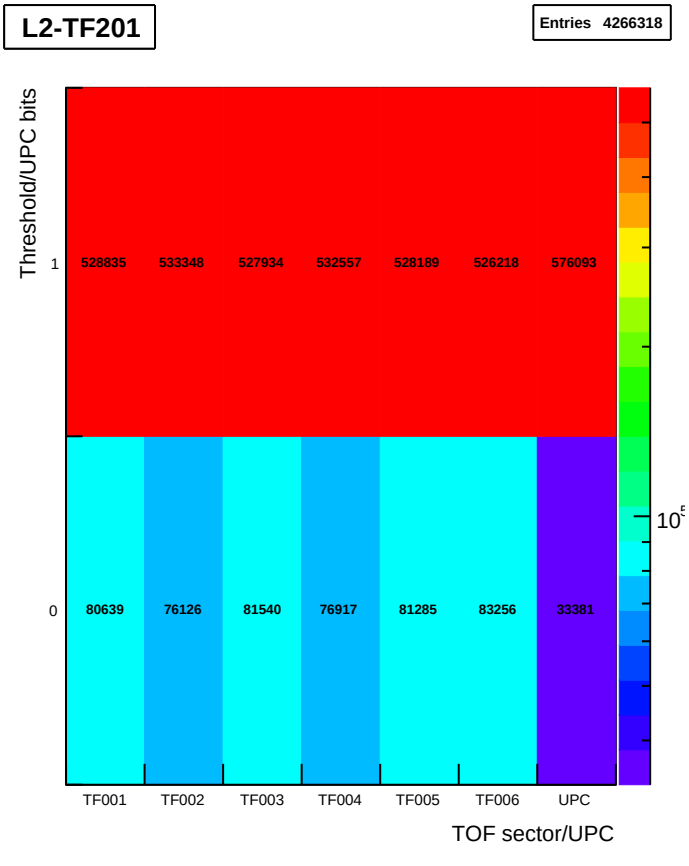

MIX-TF101
Entries 219877
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

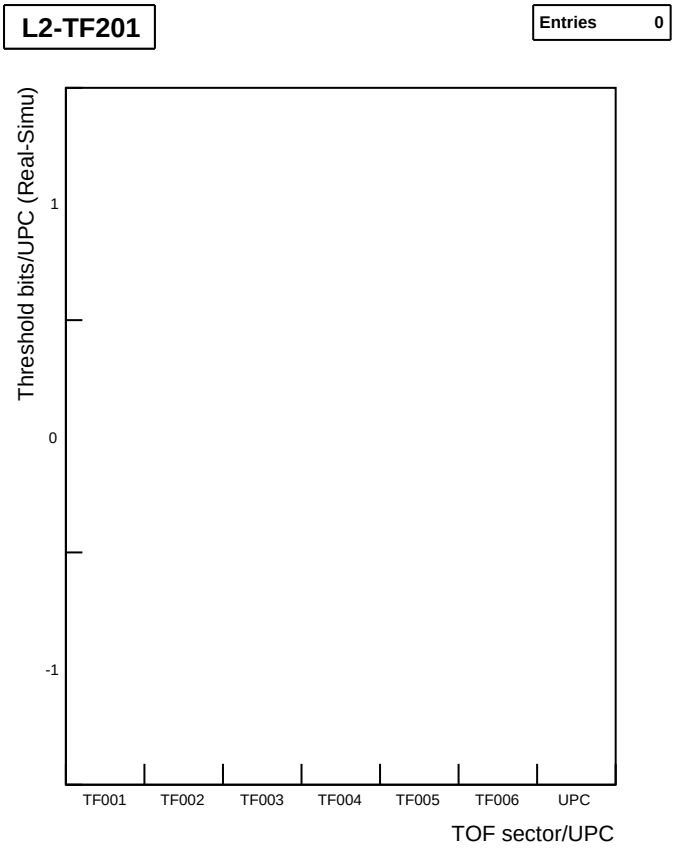

MIX-TF101
Entries 3656844
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

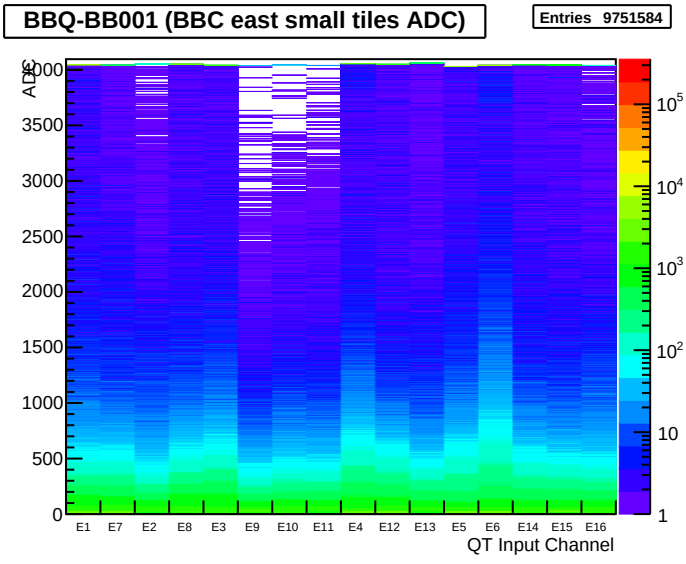

MIX-TF101
Entries 475600
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

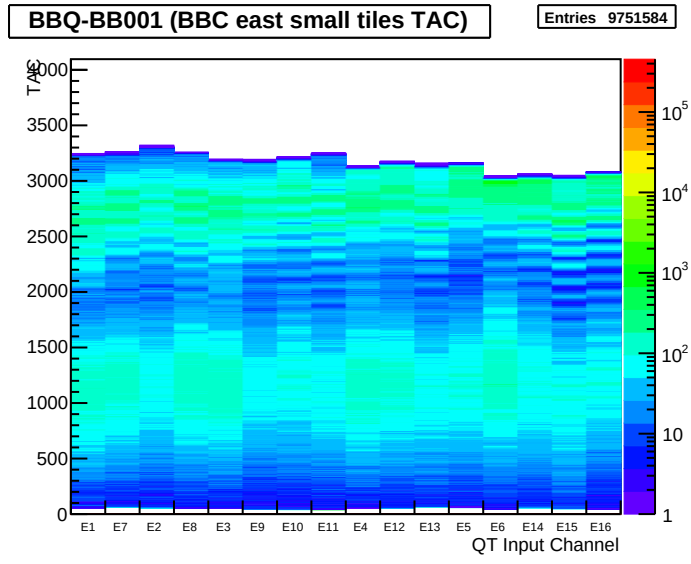

L2-TF201
Entries 609474
TOF total mult

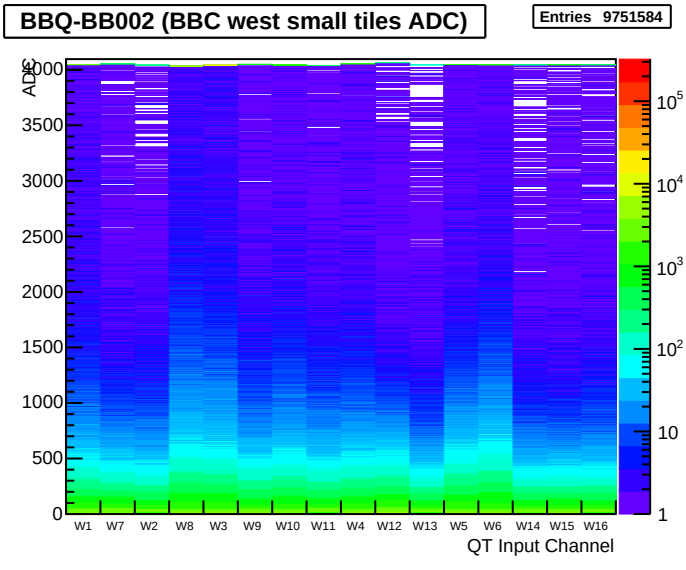

L2-TF201
Entries 0
TOF total mult(Real-Simu)

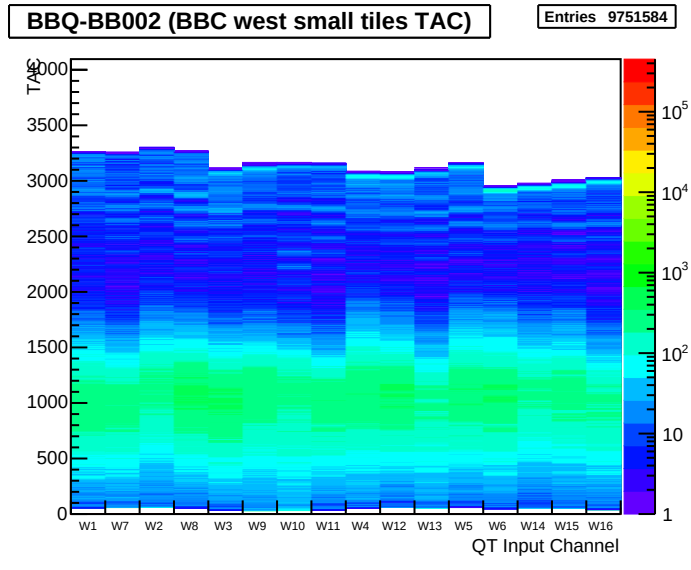

L2-TF201
Entries 4266318
Threshold/UPC bits
528835
533348
527934
532557
528189
526218
576093
80639
76126
81540
76917
81285
83256
33381
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

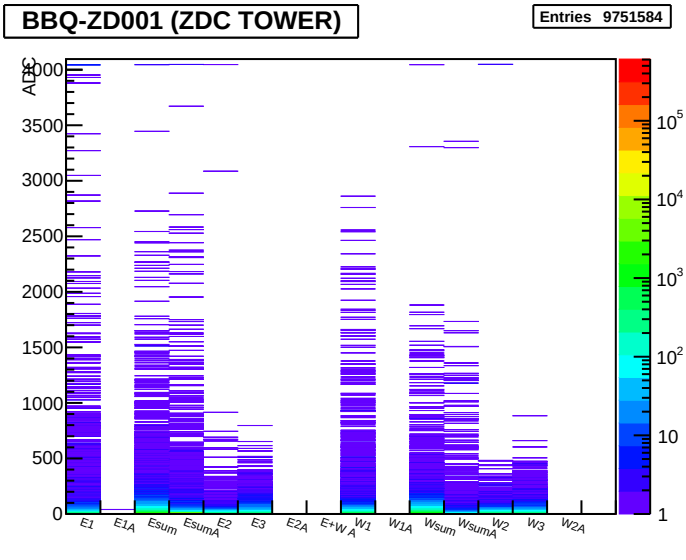

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

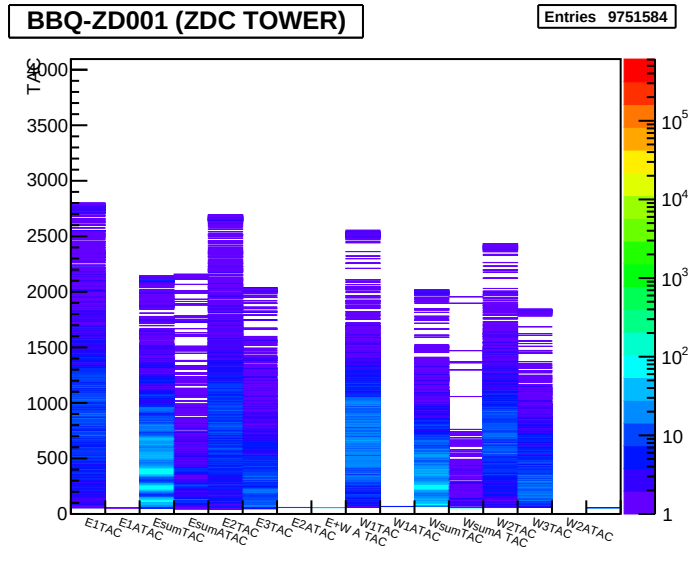

BBQ-BB001 (BBC east small tiles ADC)
Entries 9751584
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

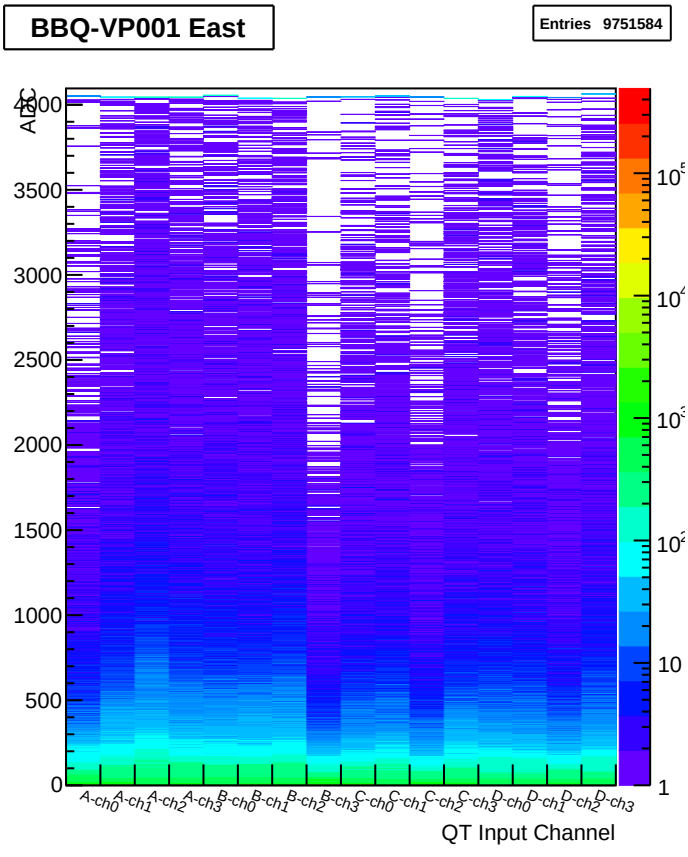

BBQ-BB001 (BBC east small tiles TAC)
Entries 9751584
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

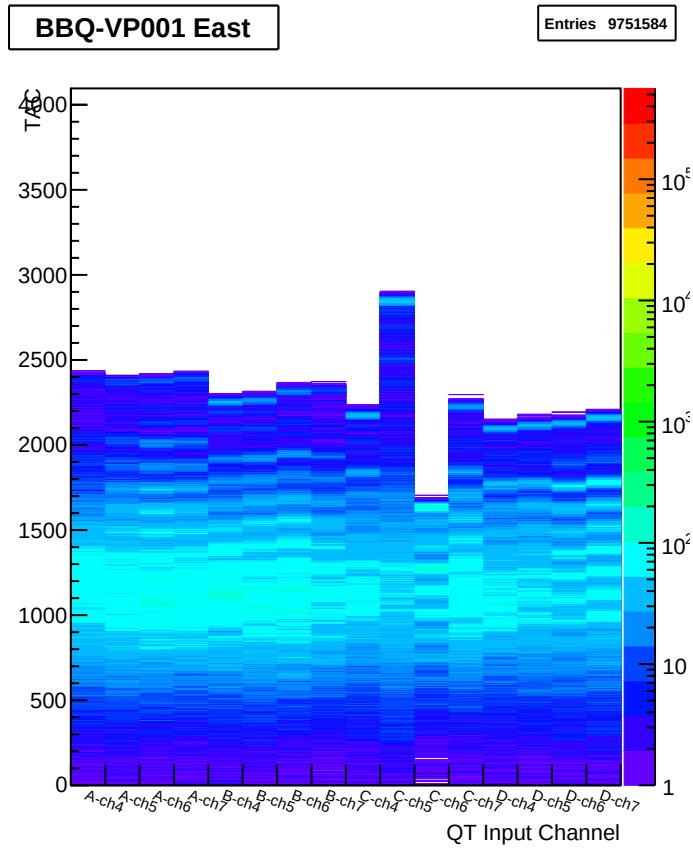

BBQ-BB002 (BBC west small tiles ADC)
Entries 9751584
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

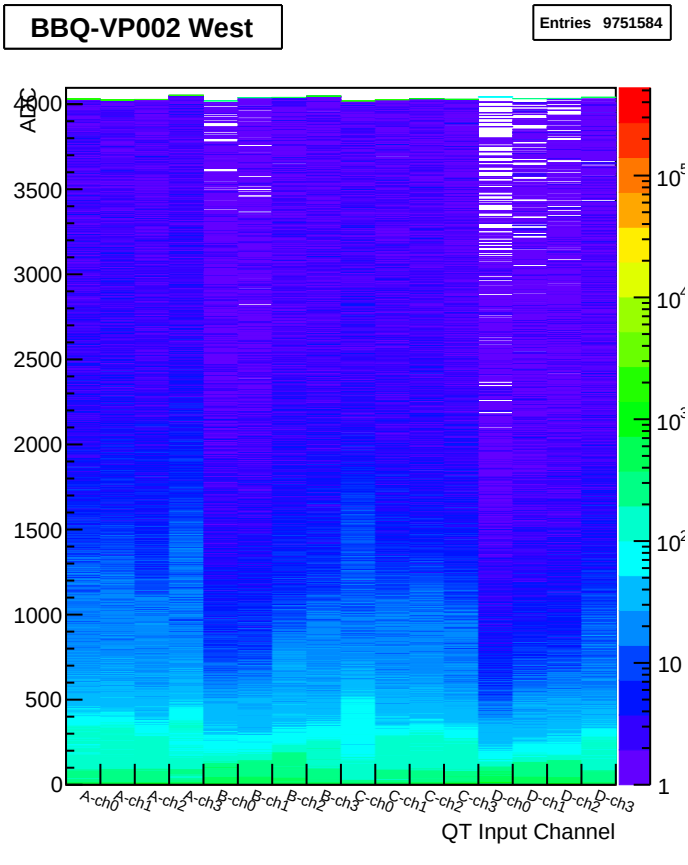

BBQ-BB002 (BBC west small tiles TAC)
Entries 9751584
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

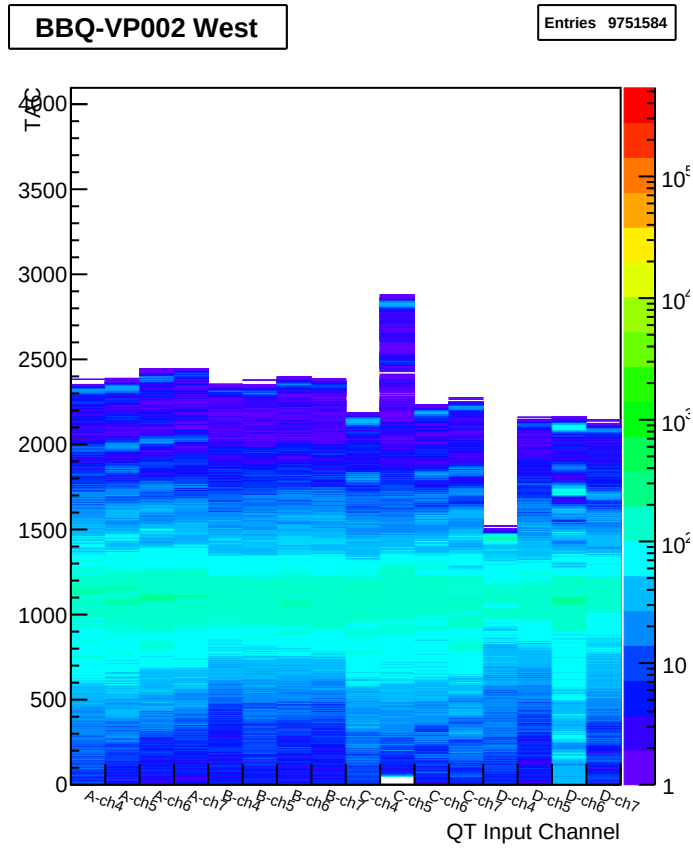

BBQ-ZD001 (ZDC TOWER)
Entries 9751584
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

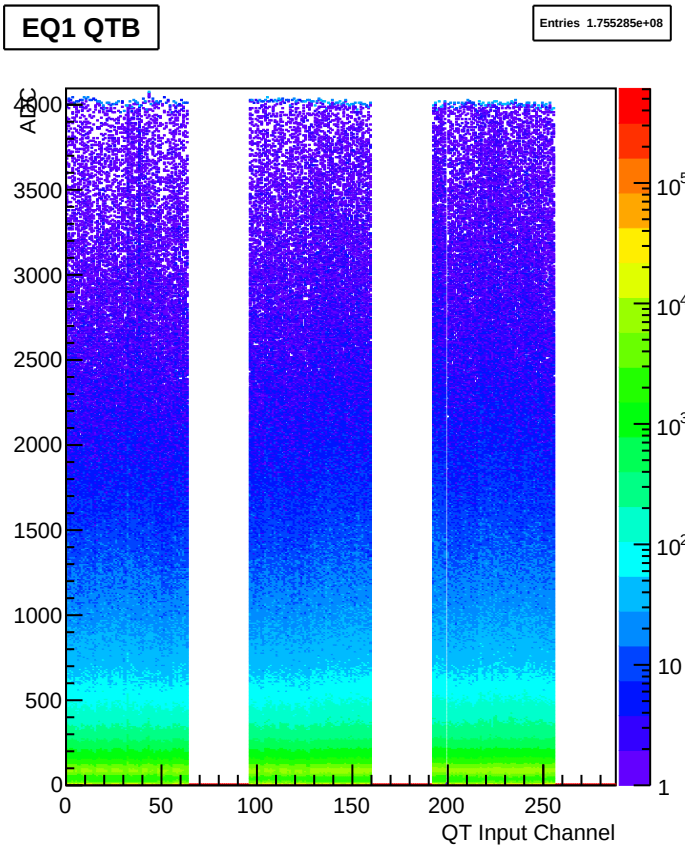

BBQ-ZD001 (ZDC TOWER)
Entries 9751584
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

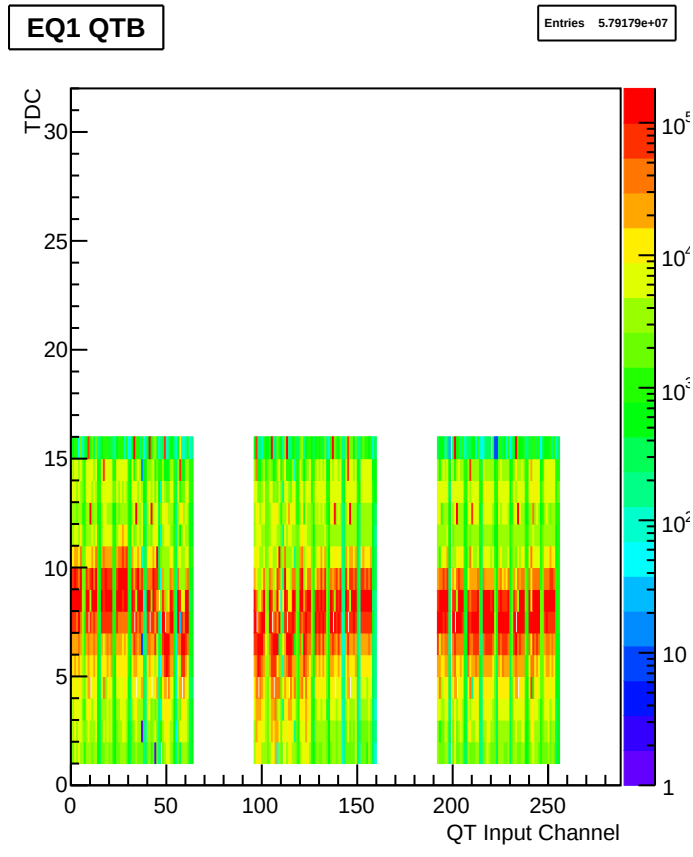

BBQ-VP001 East
Entries 9751584
ADC
QT Input Channel

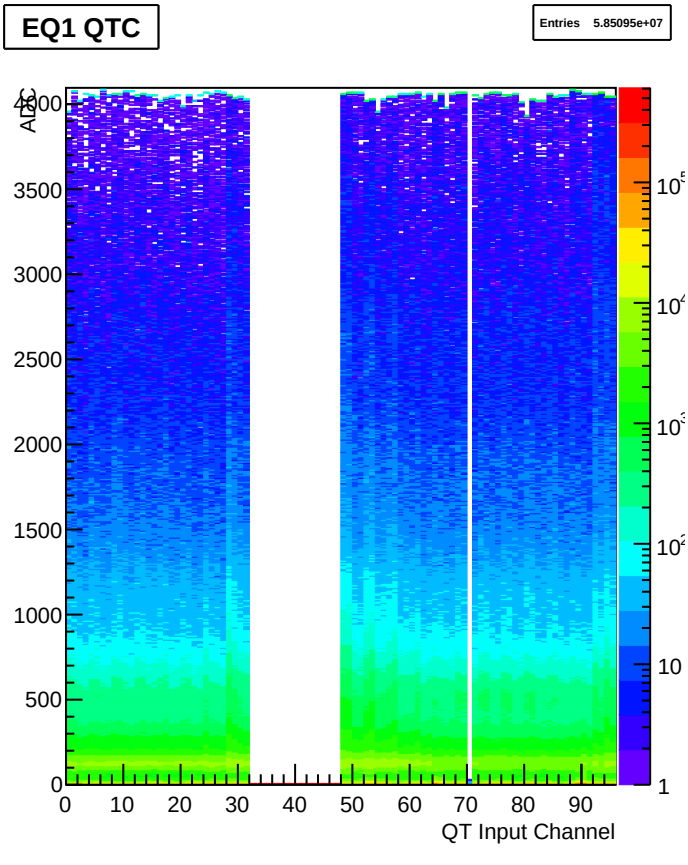

BBQ-VP001 East
Entries 9751584
ADC
QT Input Channel

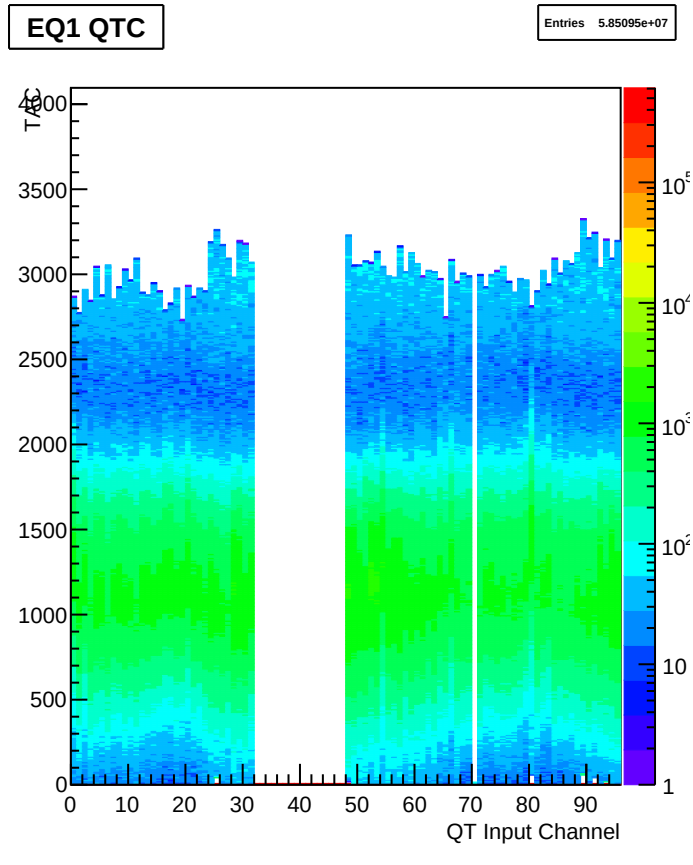

BBQ-VP002 West
Entries 9751584
ADC
QT Input Channel

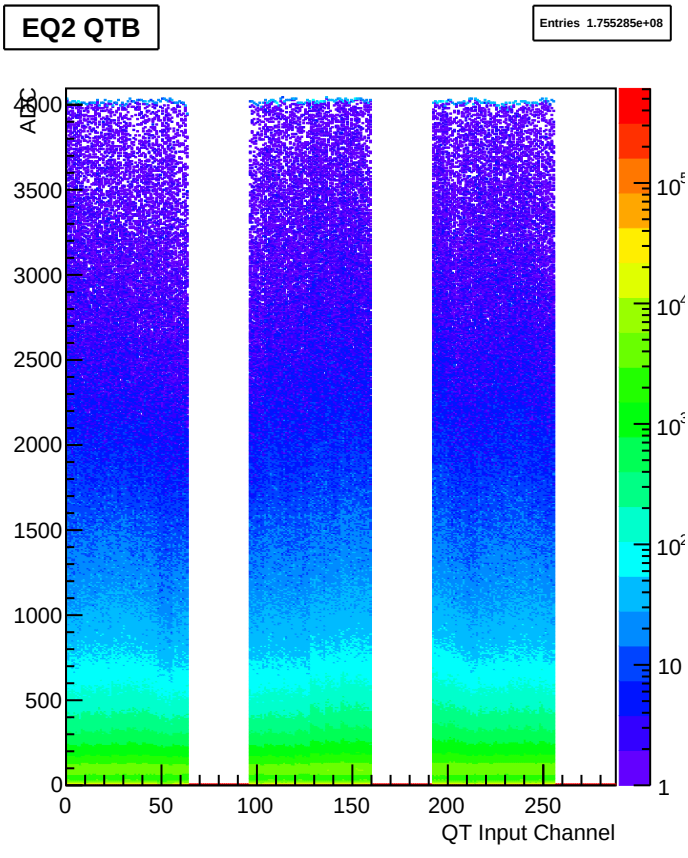

BBQ-VP002 West
Entries 9751584
ADC
QT Input Channel

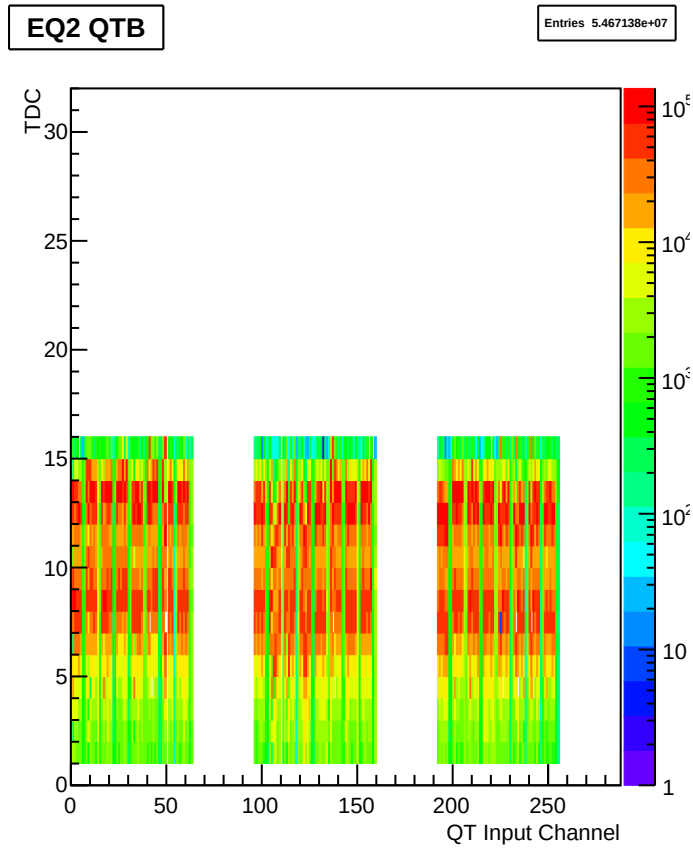

EQ1 QTB
Entries 1.755285e+08
ADC
QT Input Channel

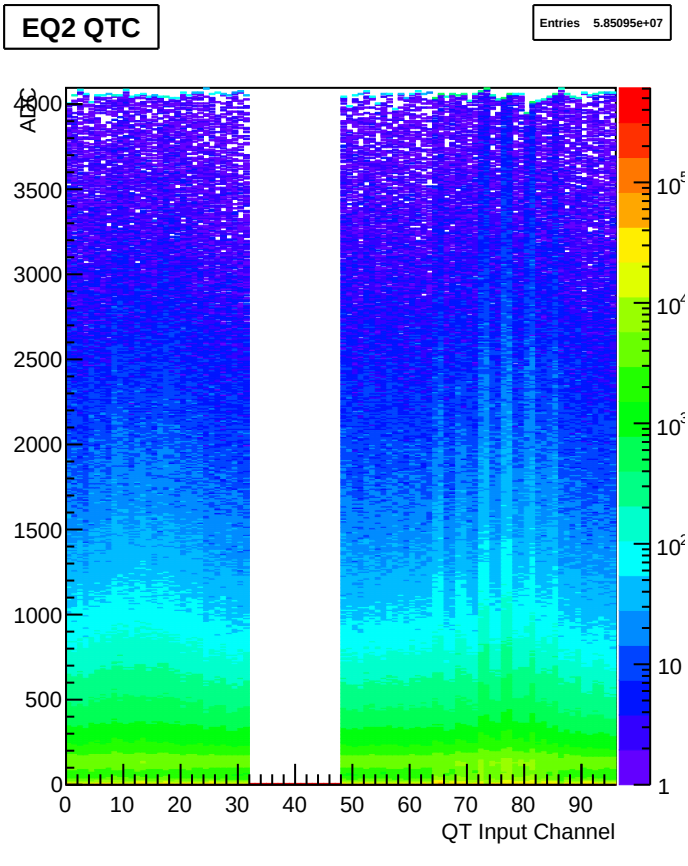

EQ1 QTB
Entries 5.79179e+07
TDC
QT Input Channel

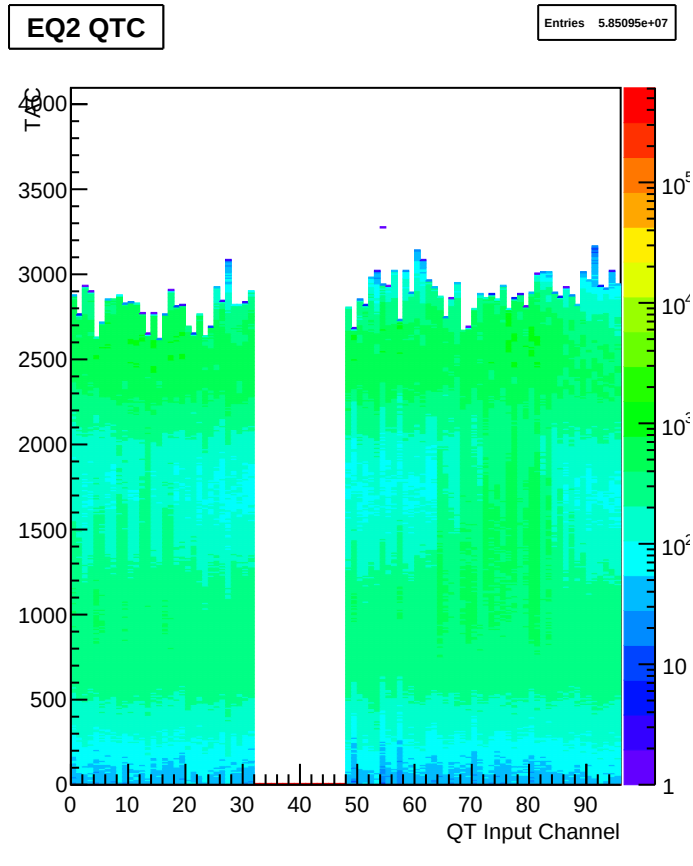

EQ1 QTC
Entries 5.85095e+07
ADC
QT Input Channel

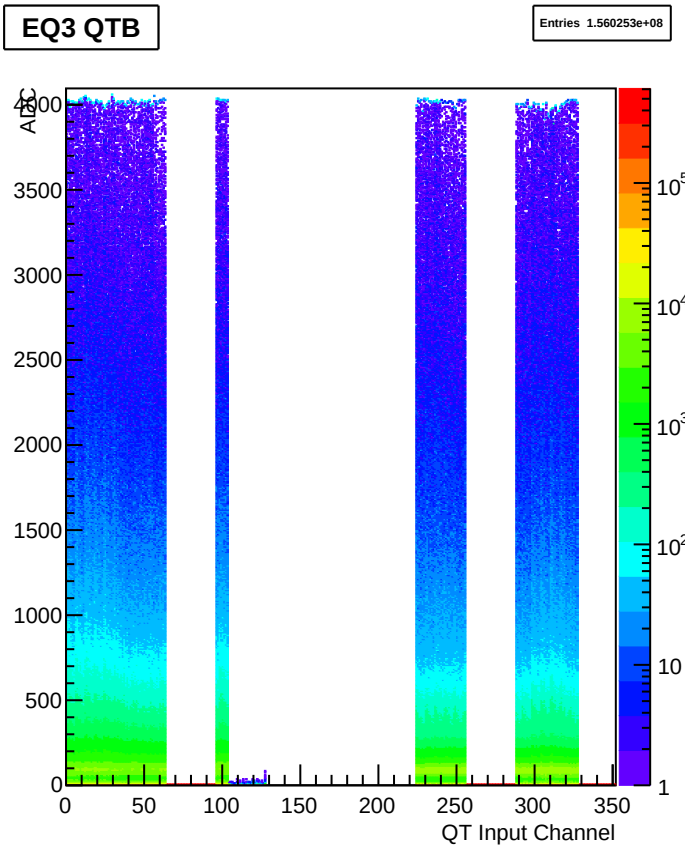

EQ1 QTC
Entries 5.85095e+07
TADC
QT Input Channel

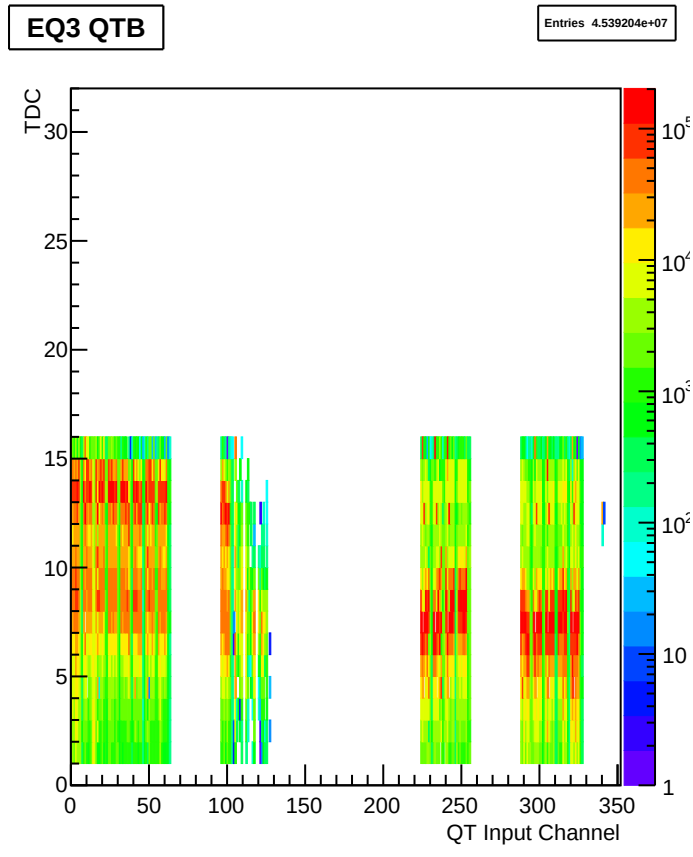

EQ2 QTB
Entries 1.755285e+08
ADC
QT Input Channel

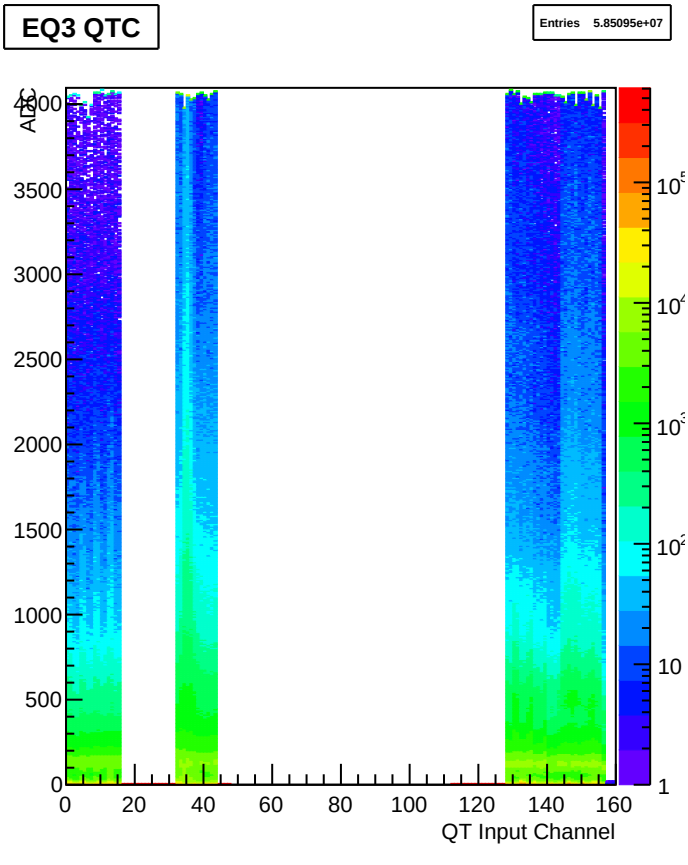

EQ2 QTB
Entries 5.467138e+07
TDC
QT Input Channel

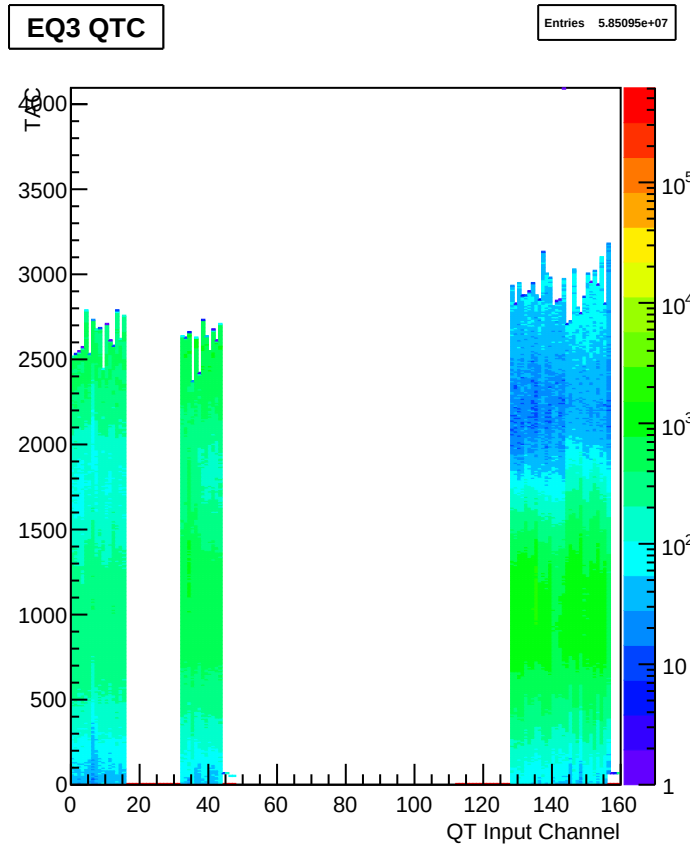

EQ2 QTC
Entries 5.85095e+07
ADC
QT Input Channel

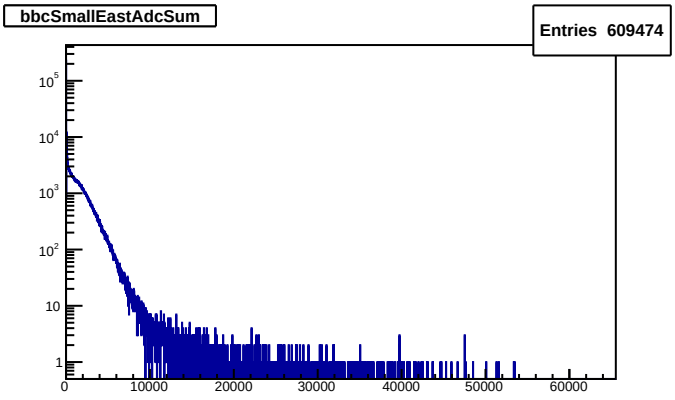

EQ2 QTC
Entries 5.85095e+07
TADC
QT Input Channel

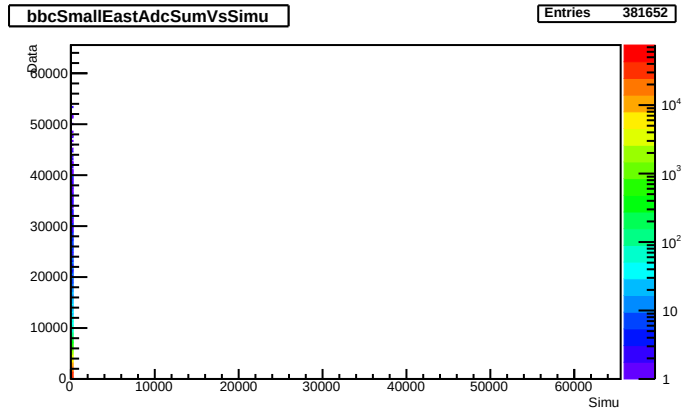

EQ3 QTB
Entries 1.560253e+08
ADC
QT Input Channel

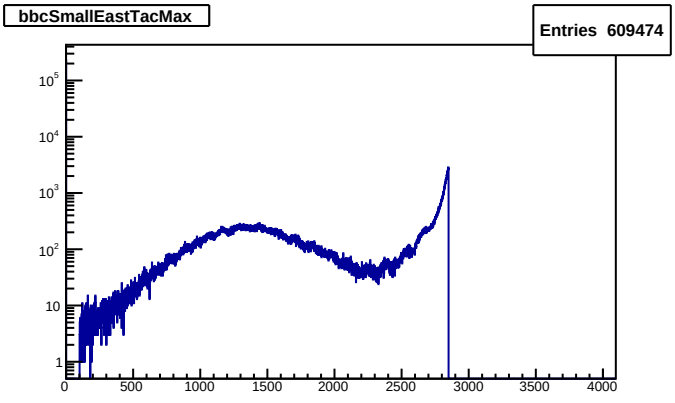

EQ3 QTB
Entries 4.539204e+07
TDC
QT Input Channel

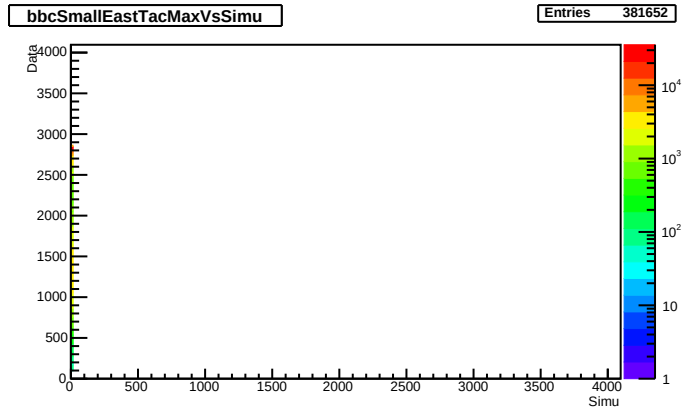

EQ3 QTC
Entries 5.85095e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.85095e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 609474


bbcSmallEastAdcSumVsSimu
Entries 381652
Data
Simu


bbcSmallEastTacMax
Entries 609474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Entries 381652
Data
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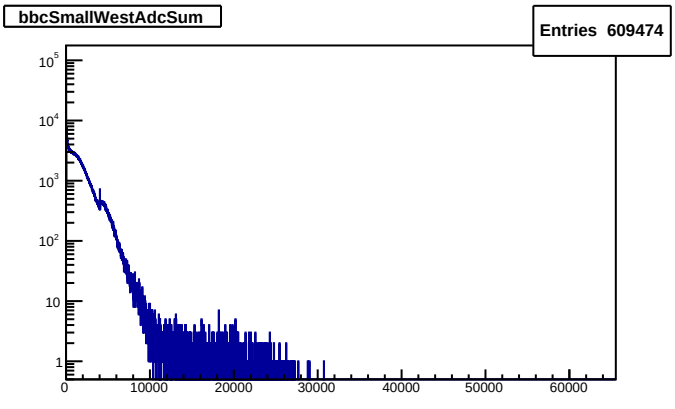
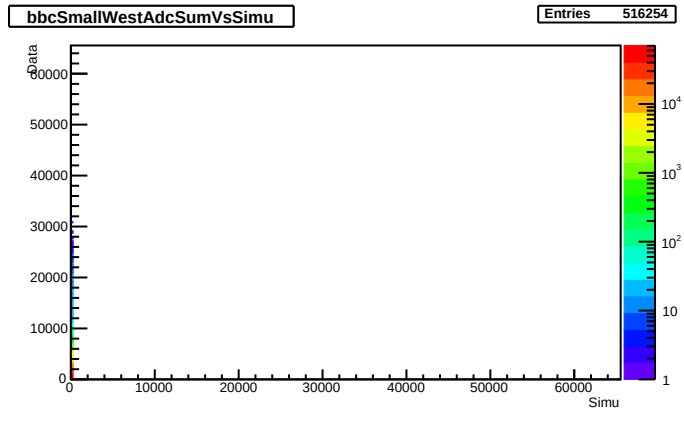

bbcSmallWestAdcSum
Entries 609474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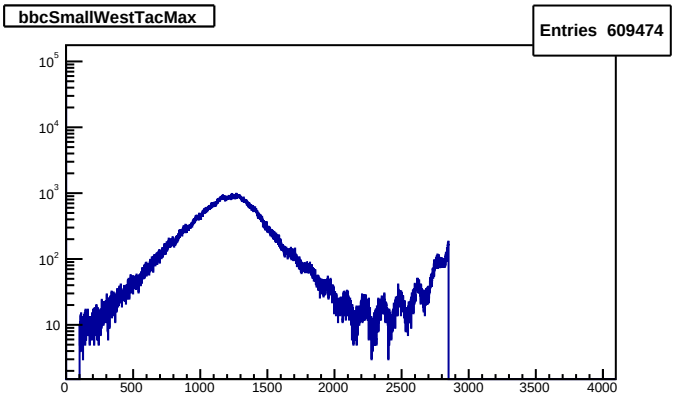
Entries 516254
Data
Simu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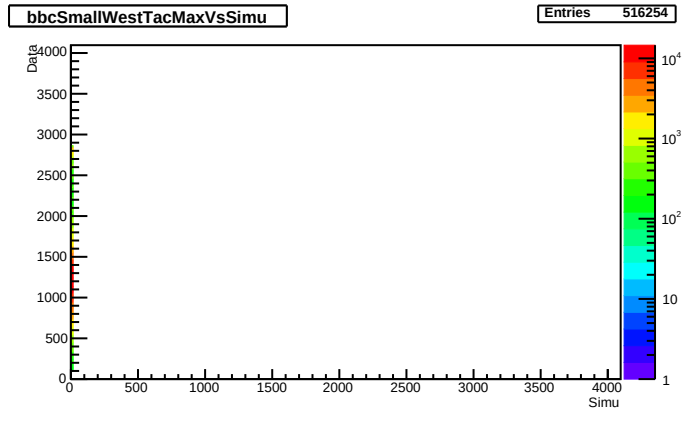
Entries 609474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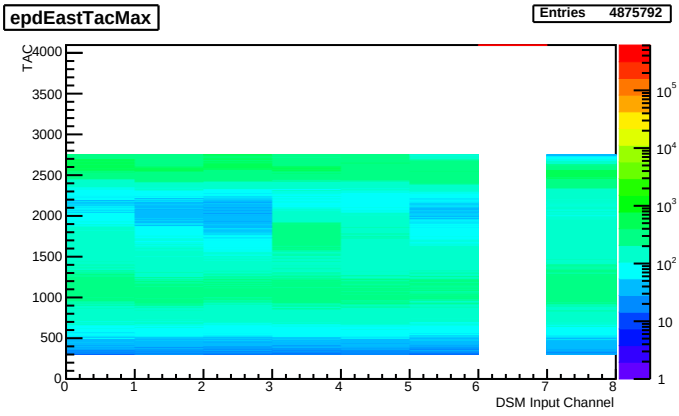
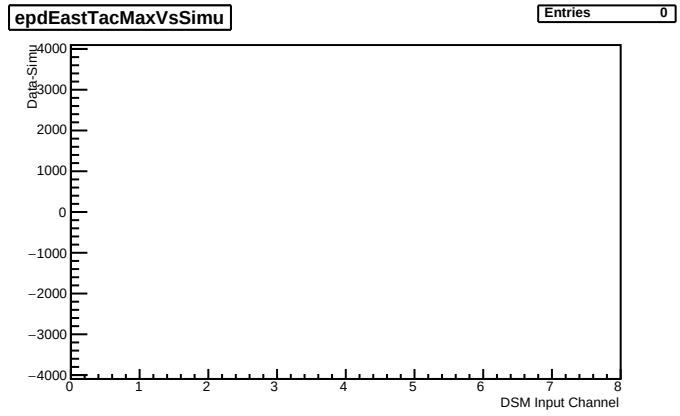
Entries 516254
Data
Simu


epdEastTacMax
Entries 4875792
TAC
DSM Input Channel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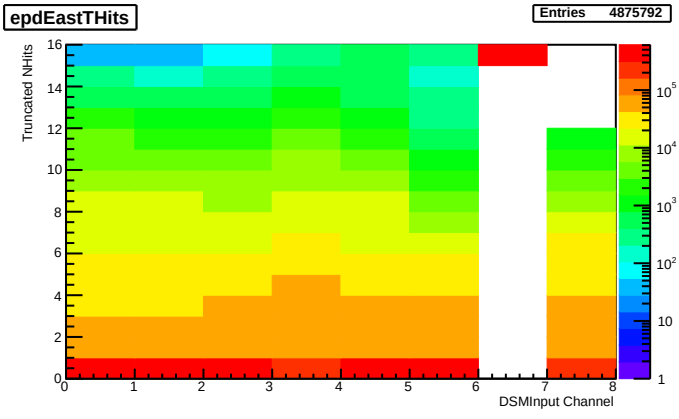
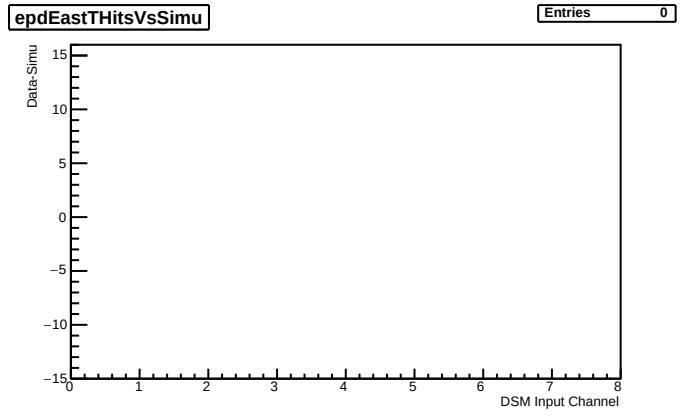
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4875792
Truncated NHits
DSMInput Channel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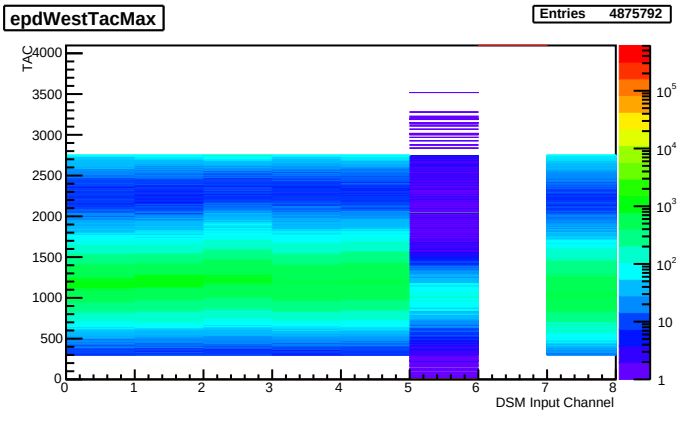
Data-Simu
DSM Input Channel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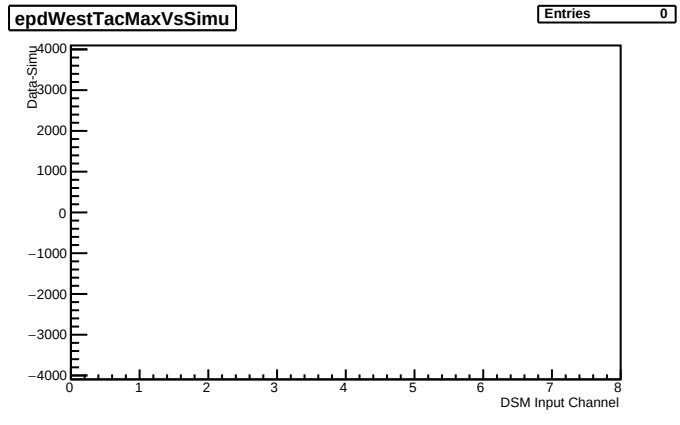
Entries 4875792
TAC
DSM Input Channel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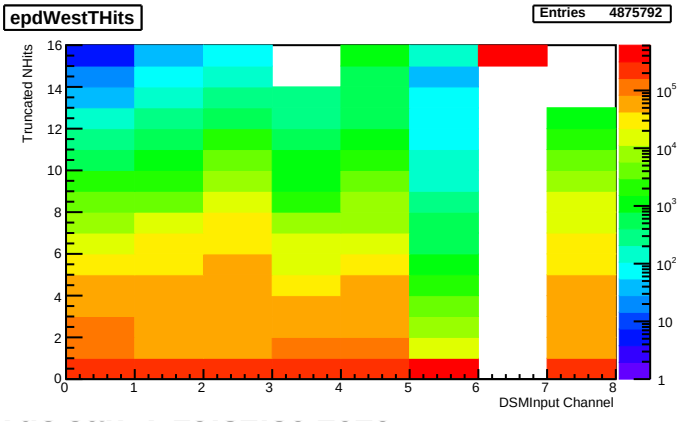
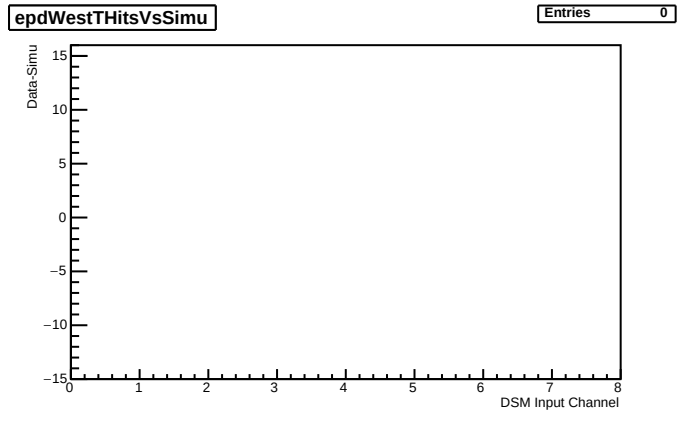
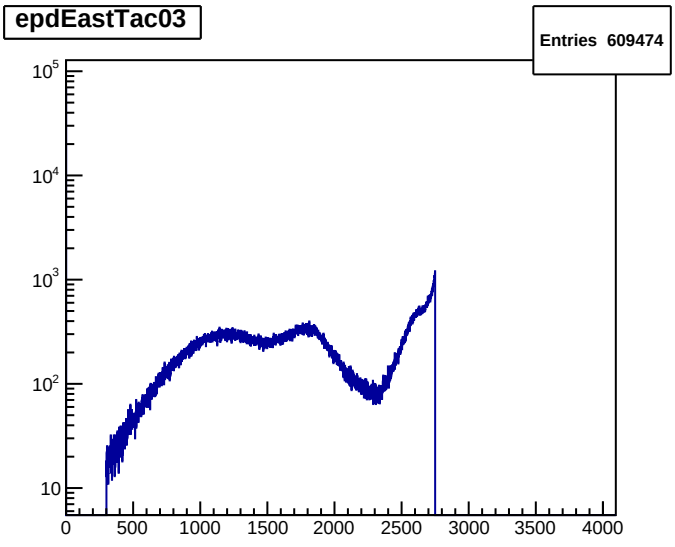
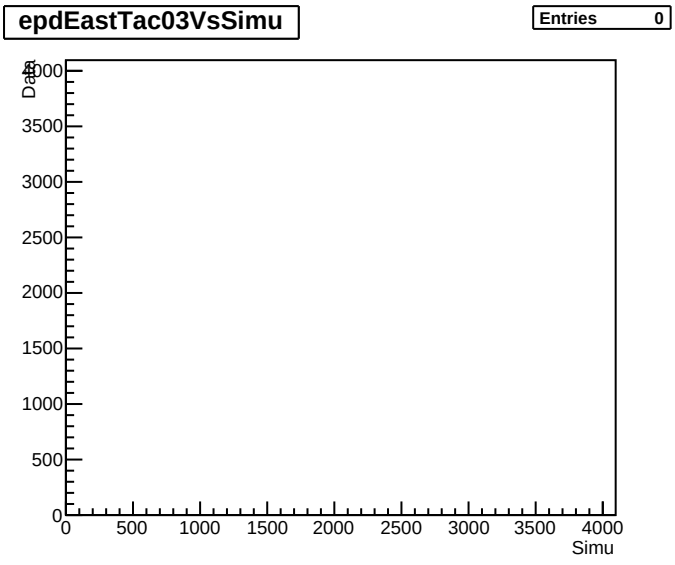
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4875792
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 609474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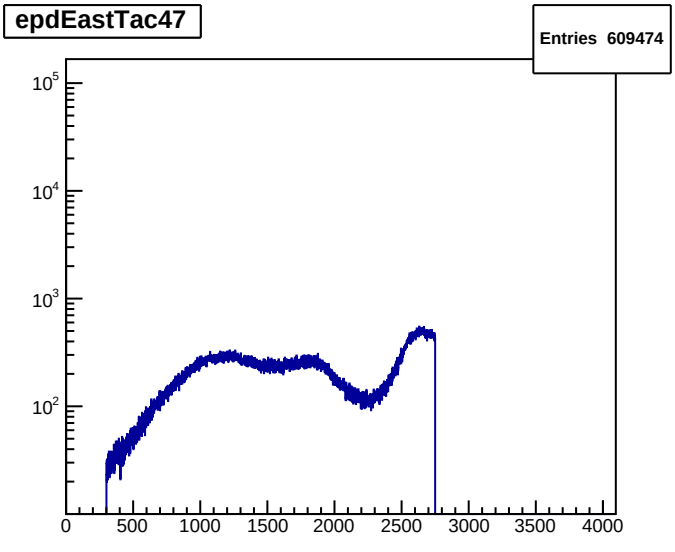
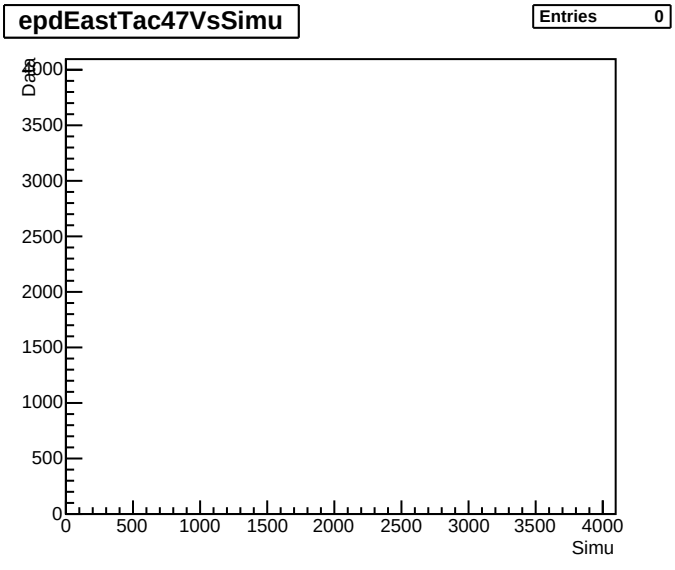
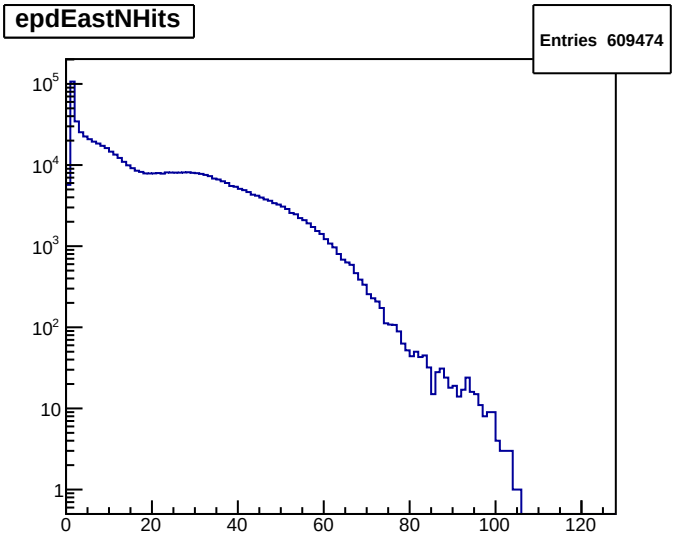
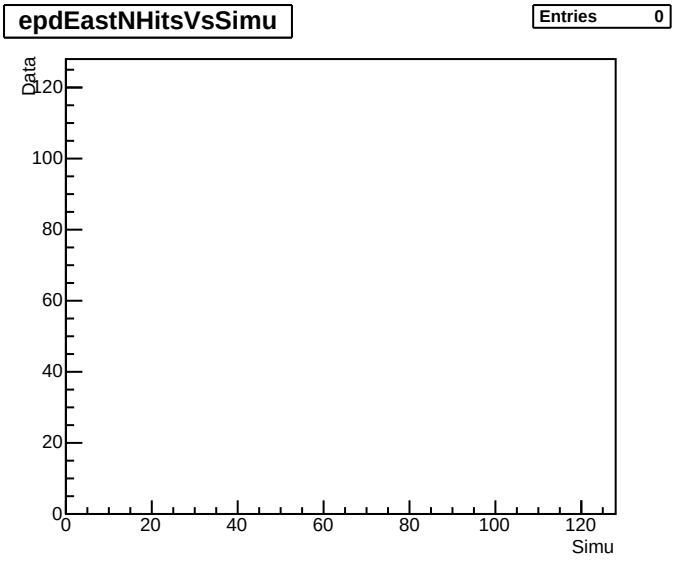
Entries 0
Data
Simu


epdEastTac47
Entries 609474


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 609474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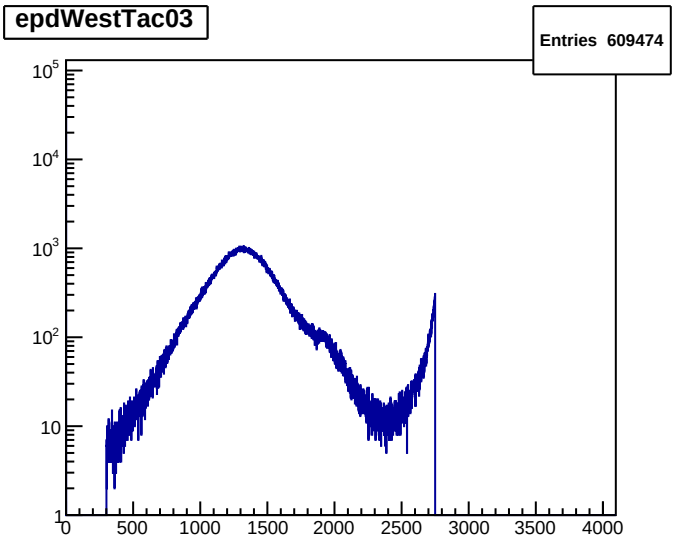
Entries 0
Data
Simu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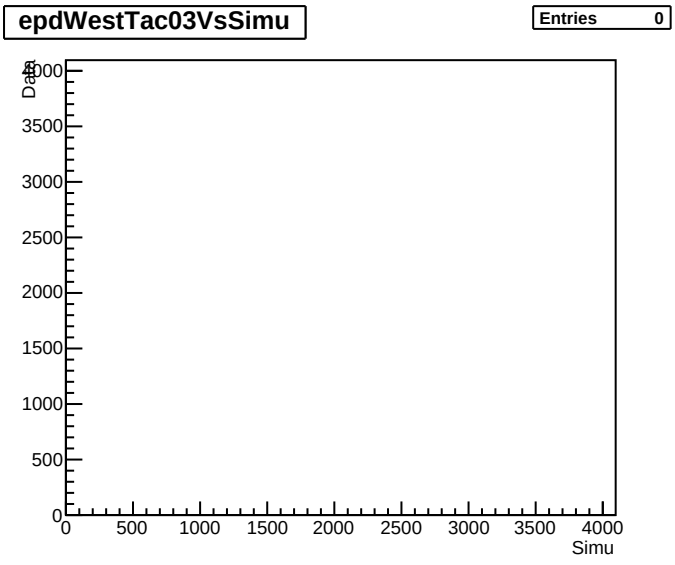
Entries 609474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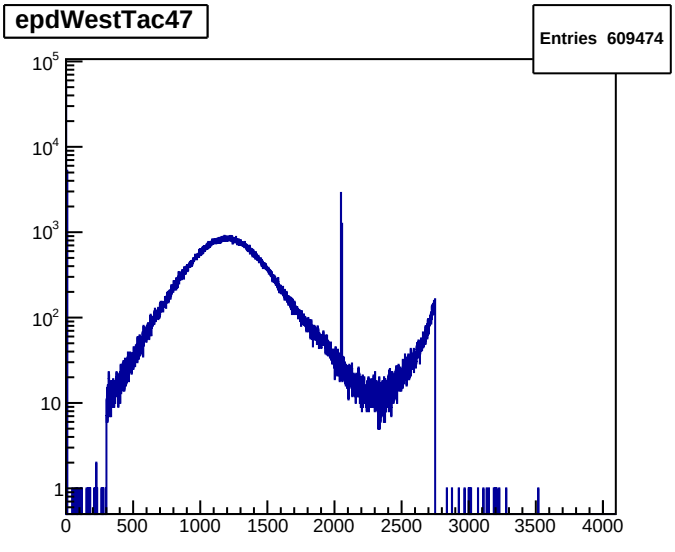
Entries 0
Data
Simu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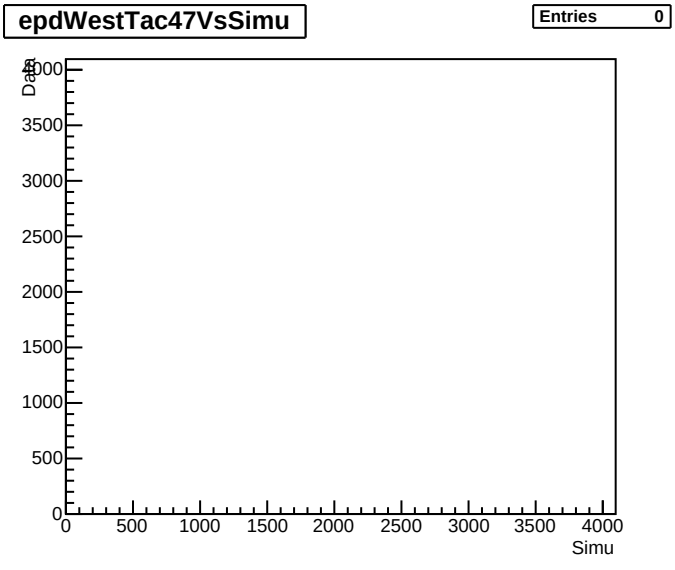
Entries 609474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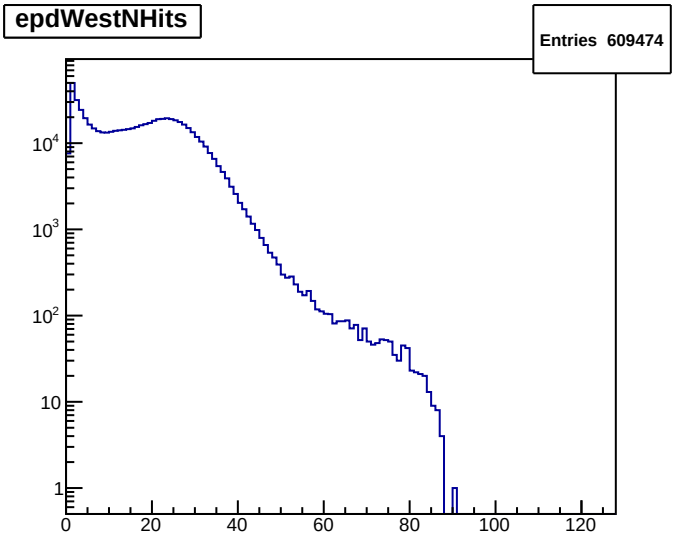
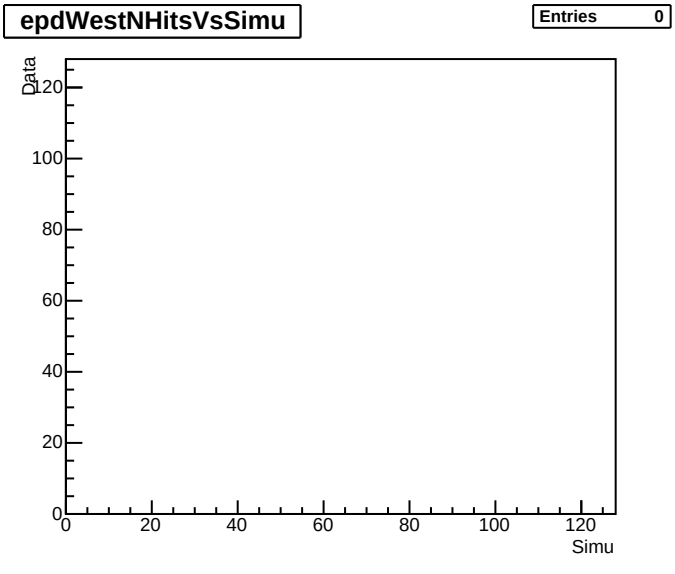
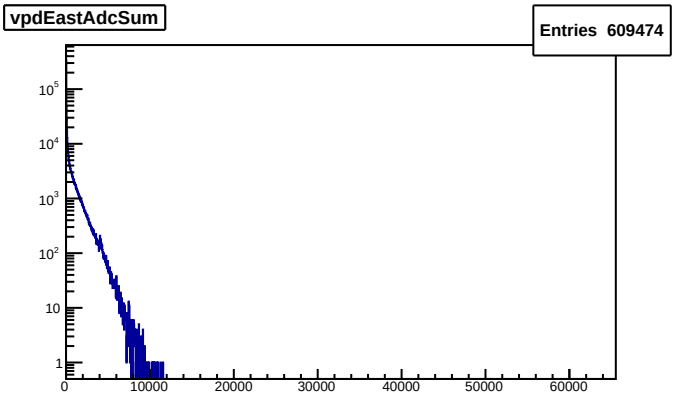
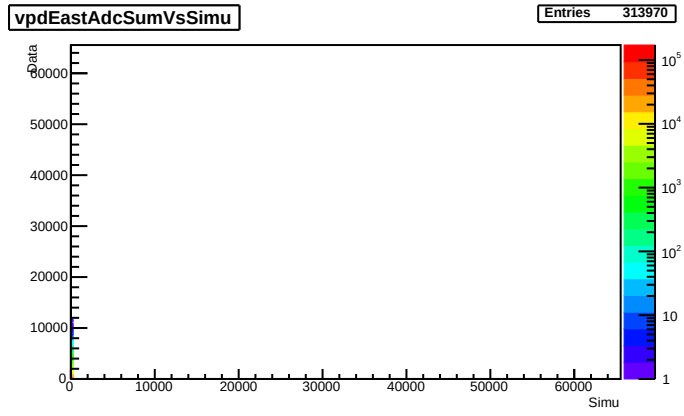
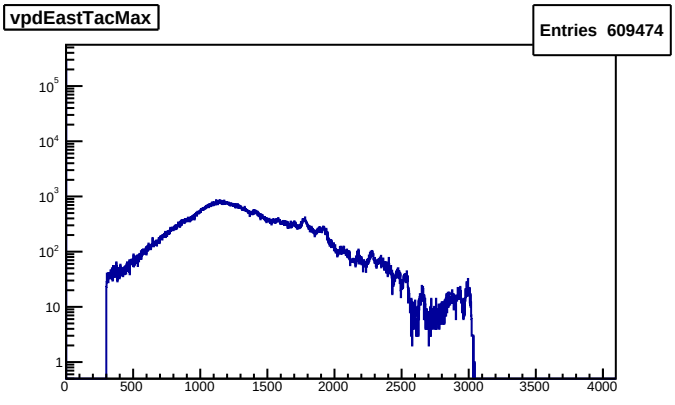
Entries 0
Data
Simu

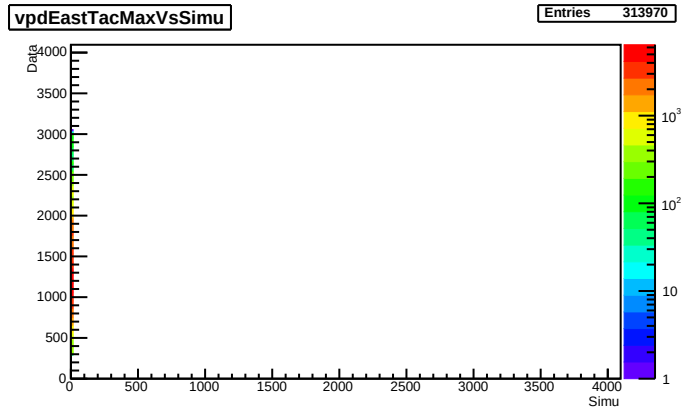

epdWestNHits
Entries 609474

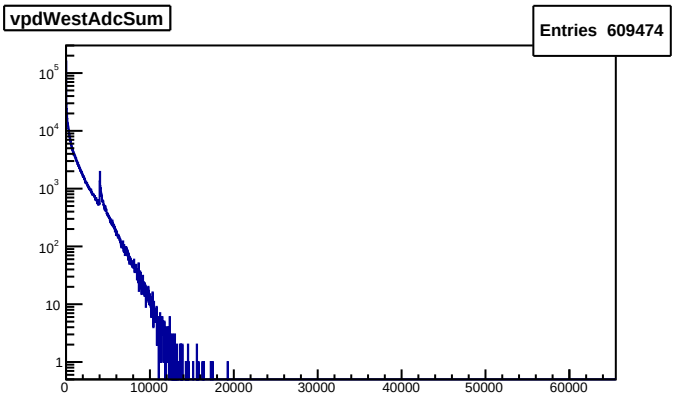

epdWestNHitsVsSimu
Entries 0
Data
Simu

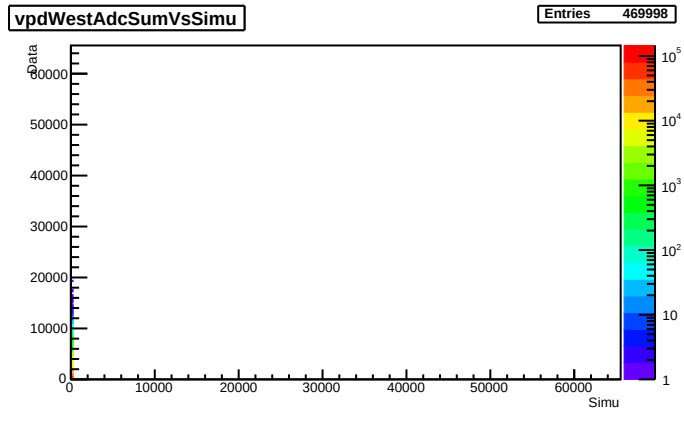

vpdEastAdcSum
Entries 609474

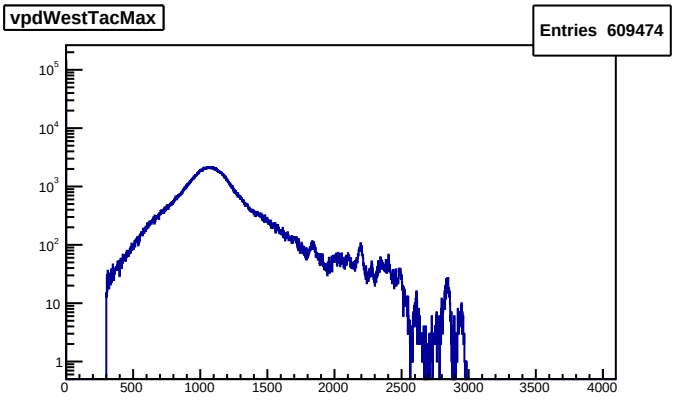

vpdEastAdcSumVsSimu
Entries 313970
Data
Simu

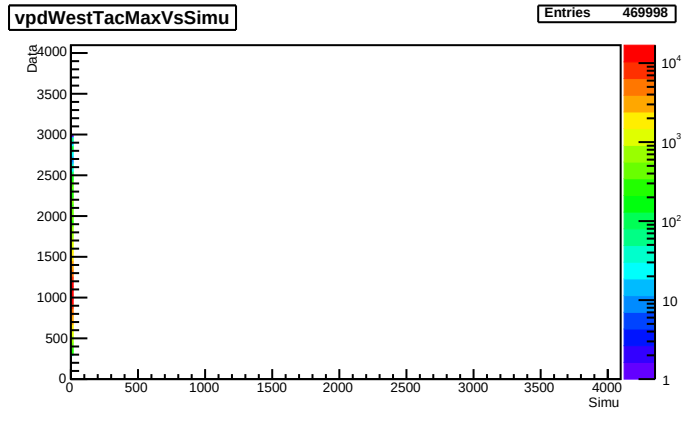

vpdEastTacMax
Entries 609474

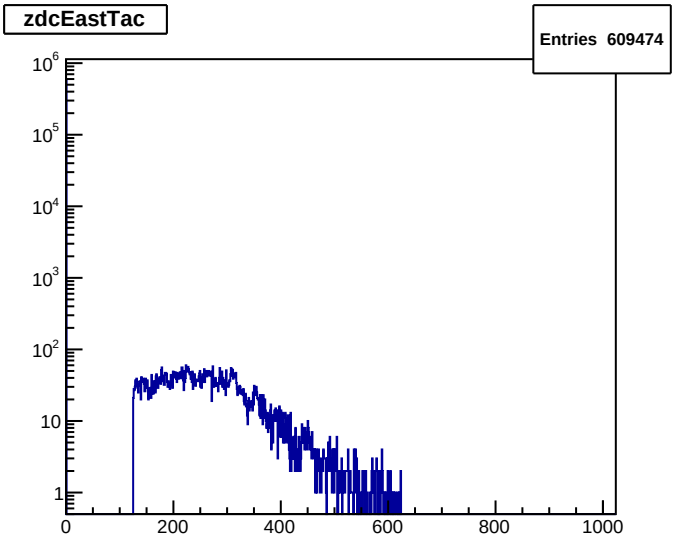

vpdEastTacMaxVsSimu
Entries 313970
Data
Simu

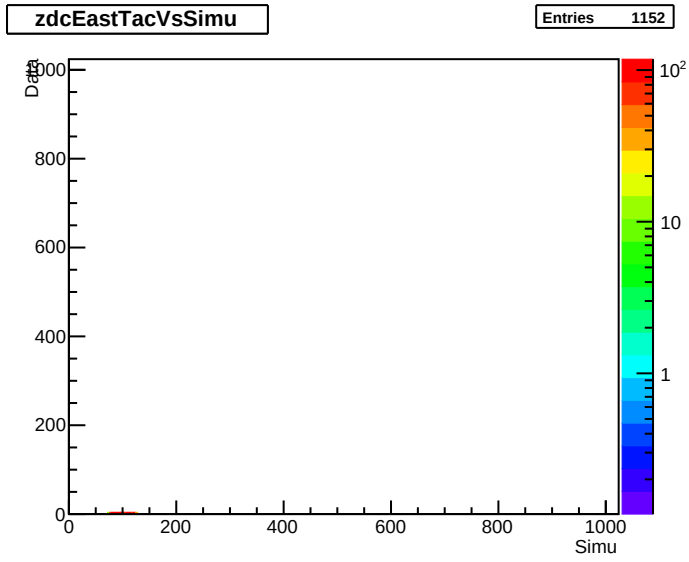

vpdWestAdcSum
Entries 609474

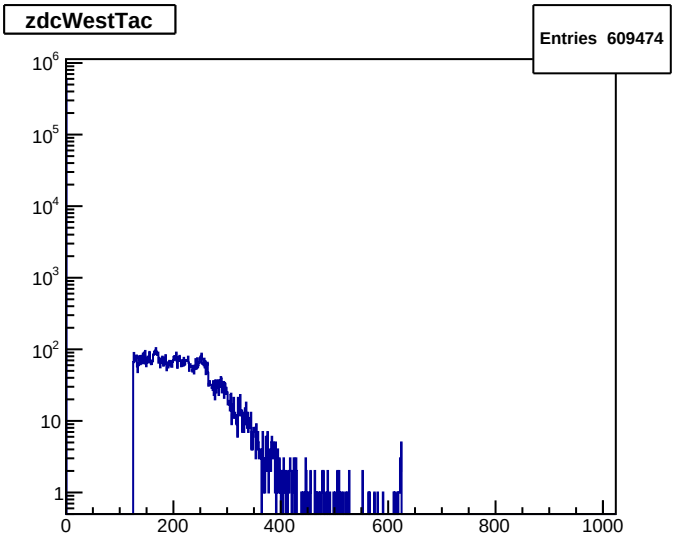

vpdWestAdcSumVsSimu
Entries 469998
Data
Simu

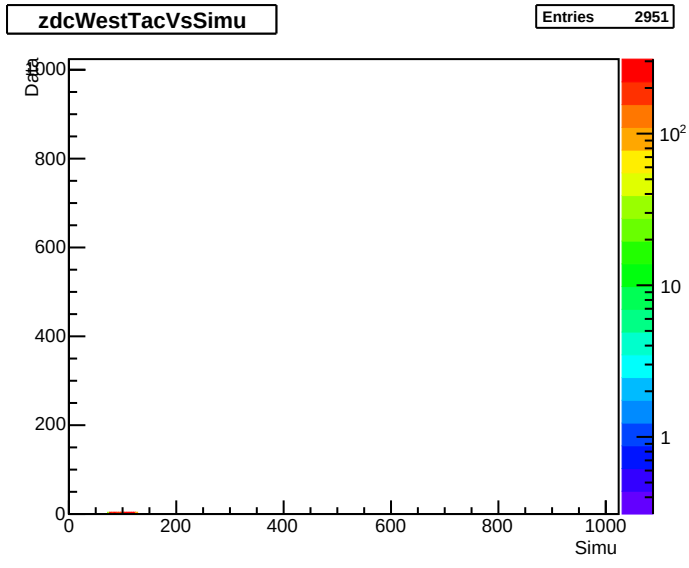

vpdWestTacMax
Entries 609474

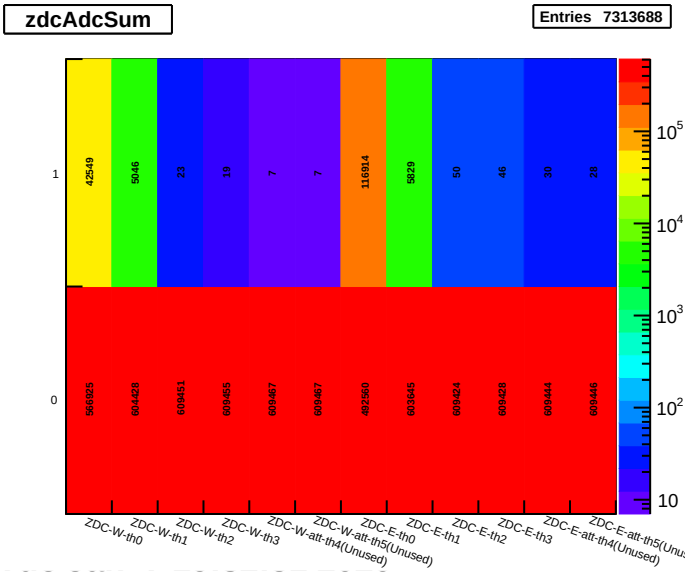

vpdWestTacMaxVsSimu
Entries 469998
Data
Simu

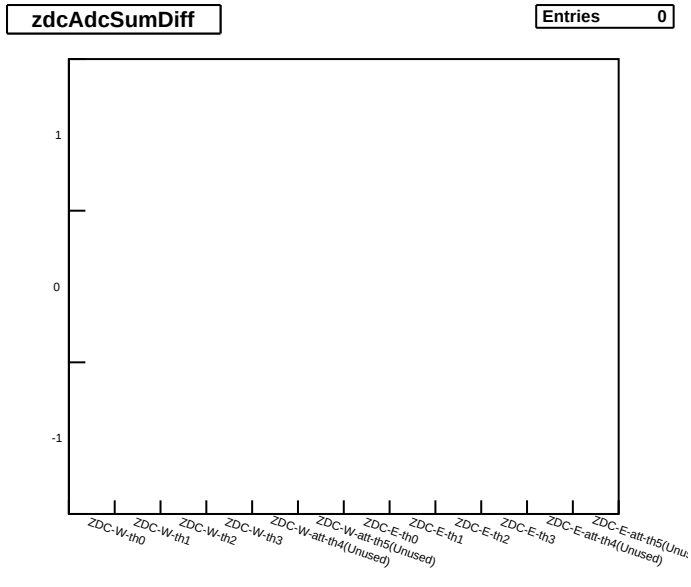

zdcEastTac
Entries 609474

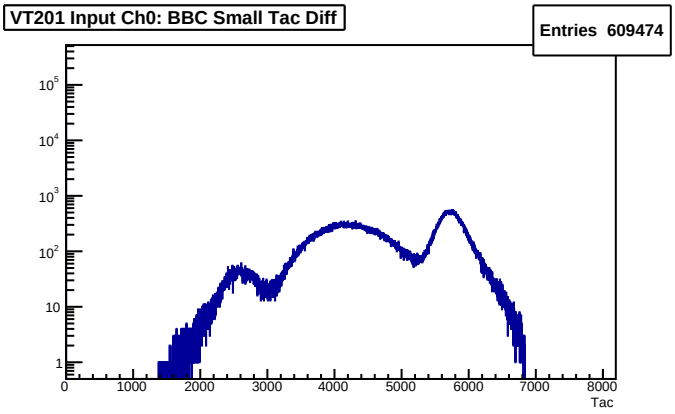

zdcEastTacVsSimu
Entries 1152
Data
Simu

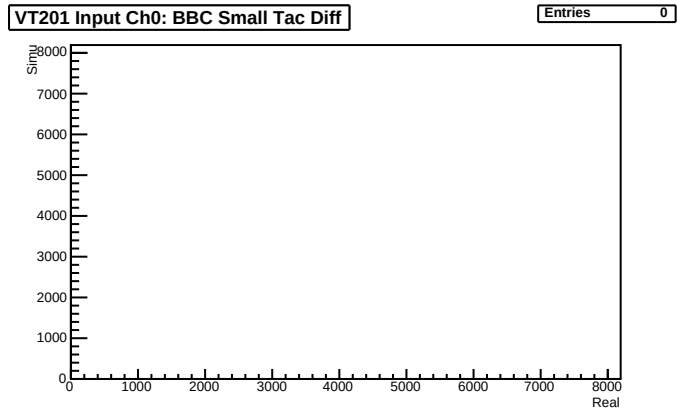

zdcWestTac
Entries 609474

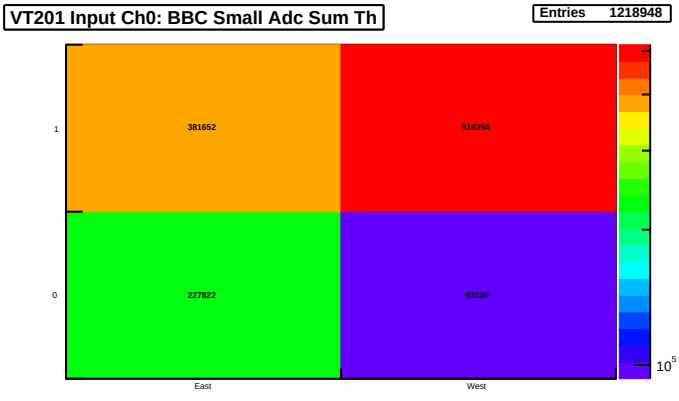

zdcWestTacVsSimu
Entries 2951
Data
Simu

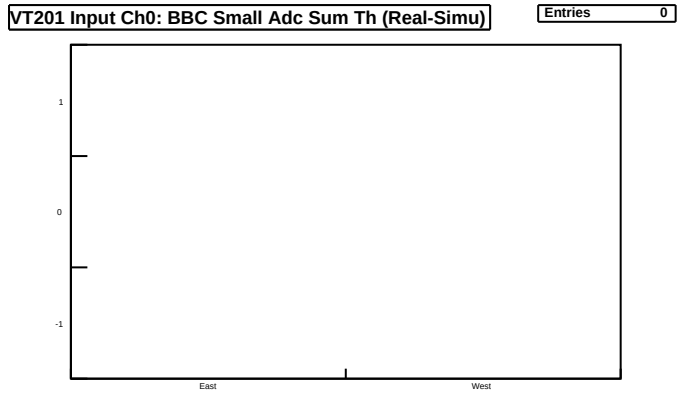

zdcAdcSum
Entries 7313688
42549
5046
23
19
7
7
116914
9829
50
46
30
28
566925
604428
609451
609455
609467
609467
492500
603645
609424
609428
609444
609446
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

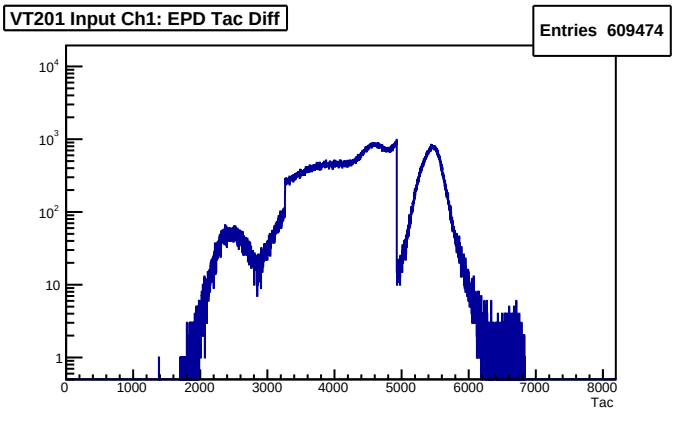

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

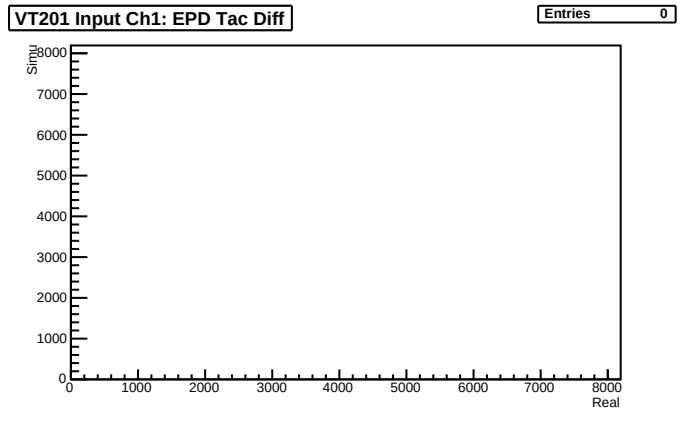

VT201 Input Ch0: BBC Small Tac Diff
Entries 609474
Tac

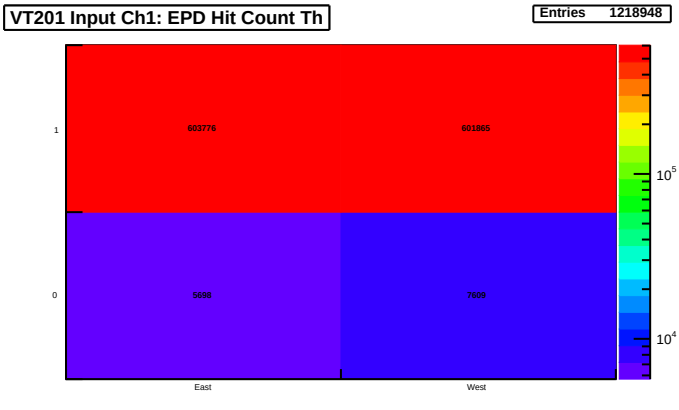

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

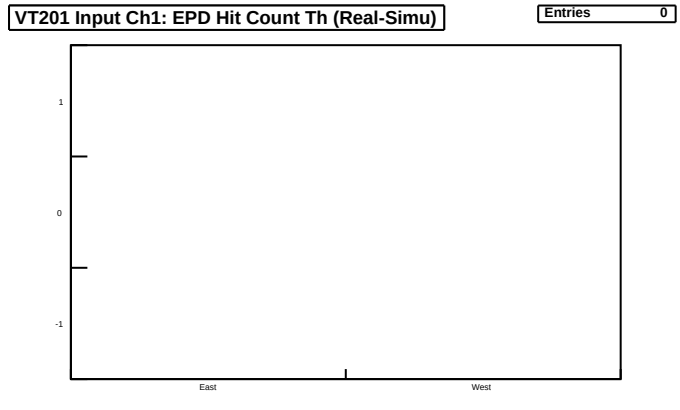

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1218948
381652
516254
227822
93220
East
West

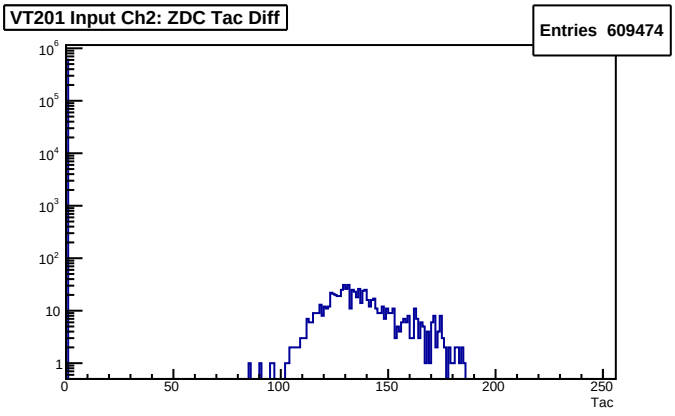

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

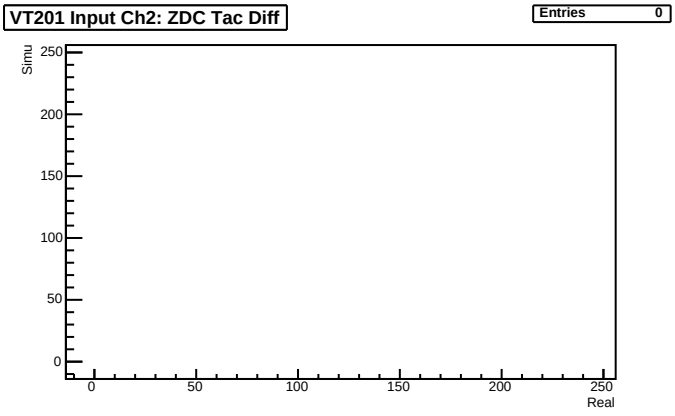

VT201 Input Ch1: EPD Tac Diff
Entries 609474
Tac

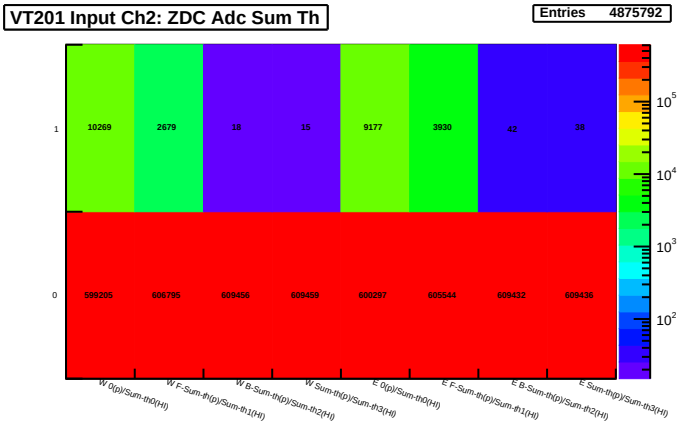

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

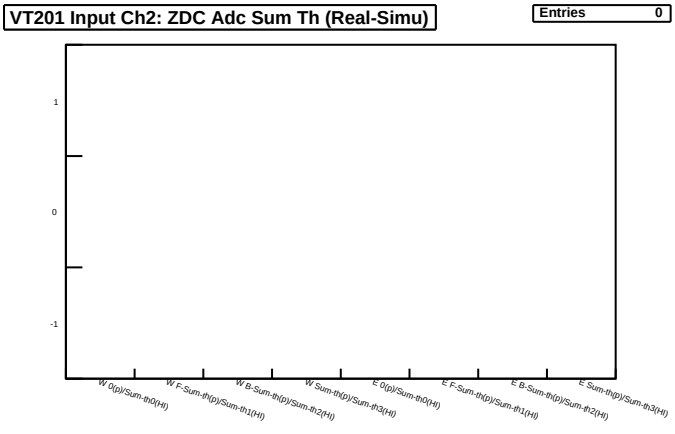

VT201 Input Ch1: EPD Hit Count Th
Entries 1218948
603776
601865
5698
7609
East
West

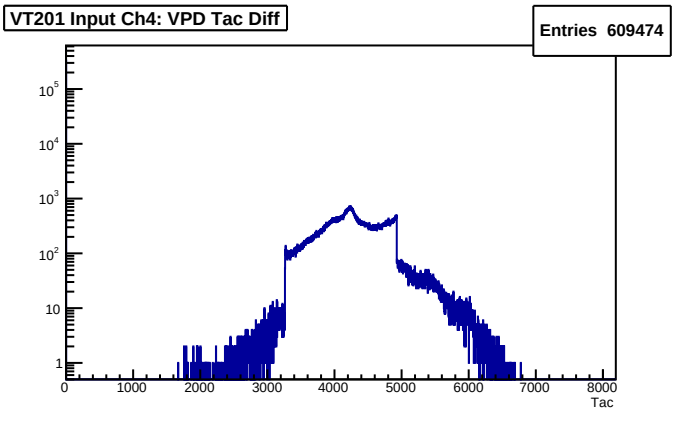

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

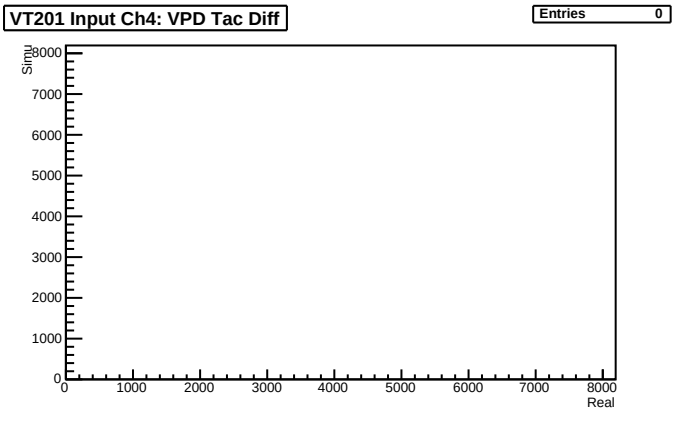

VT201 Input Ch2: ZDC Tac Diff
Entries 609474
Tac

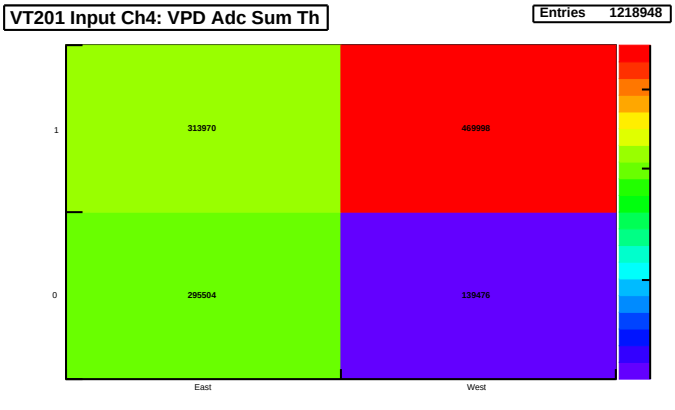

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

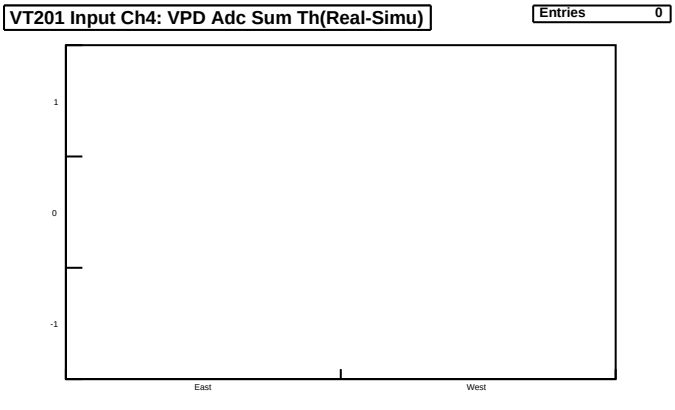

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4875792
10269
2679
18
15
9177
3930
42
38
599205
606795
609456
609459
600297
605544
609432
609436
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

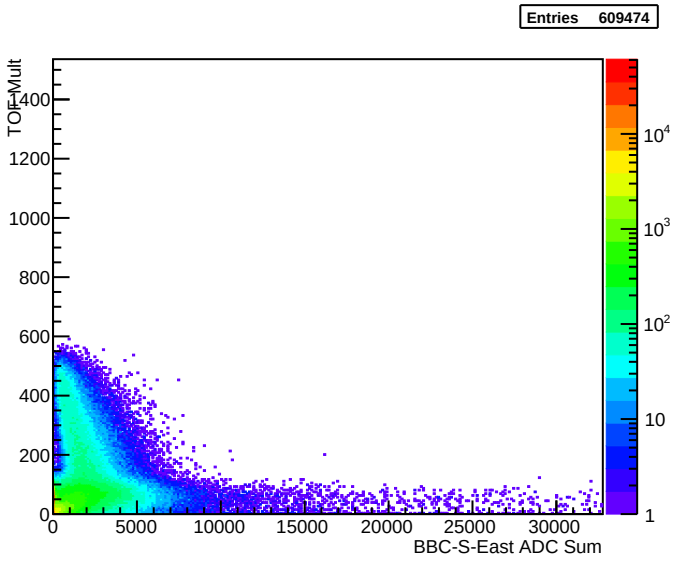

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

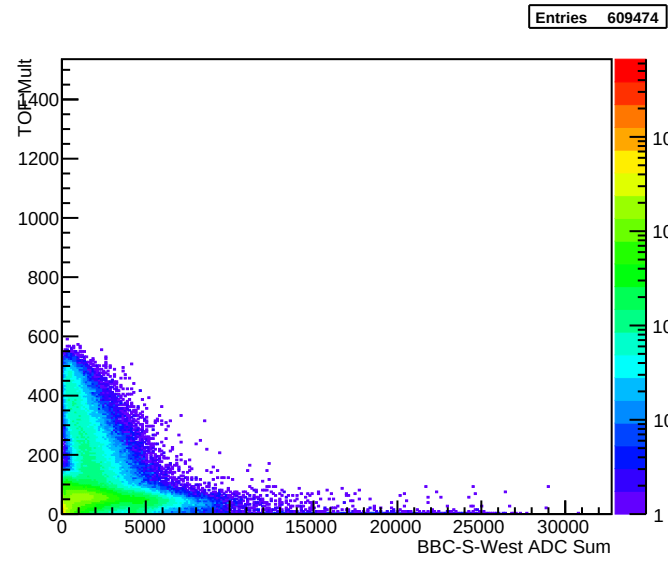

VT201 Input Ch4: VPD Tac Diff
Entries 609474
Tac

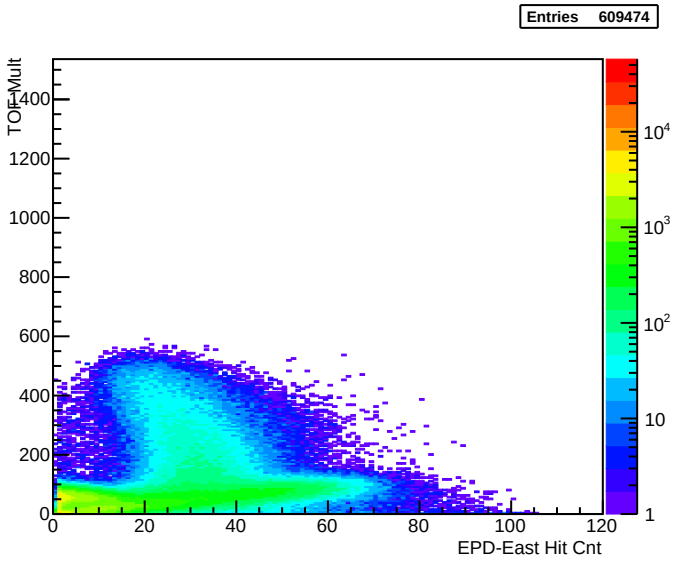

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

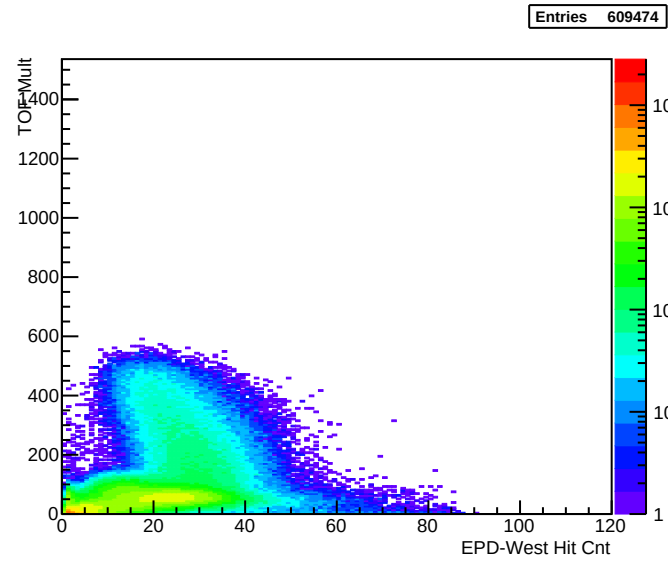

VT201 Input Ch4: VPD Adc Sum Th
Entries 1218948
313970
469998
295504
139476
East
West

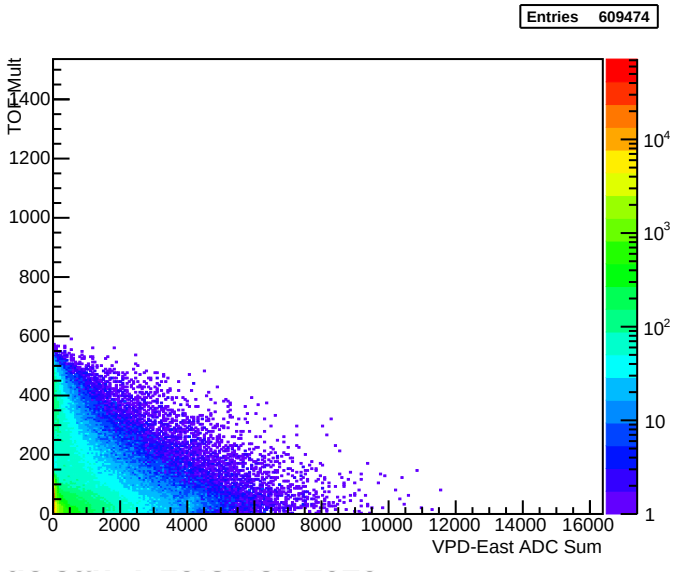

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

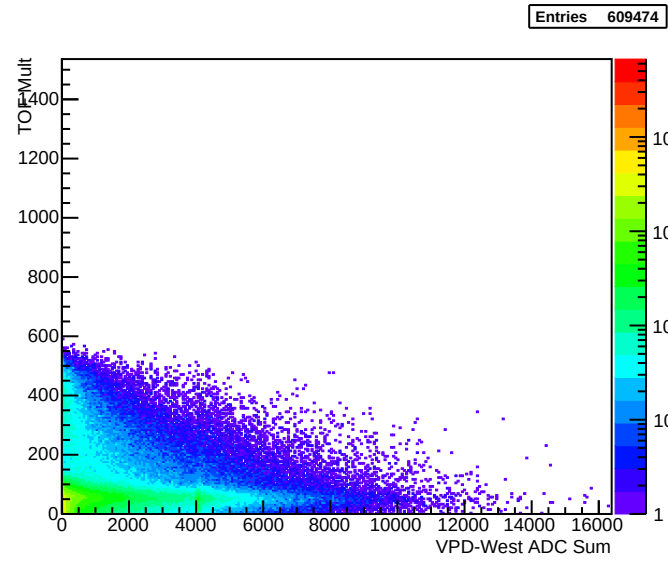

Entries 609474
TOF-Mult
BBC-S-East ADC Sum

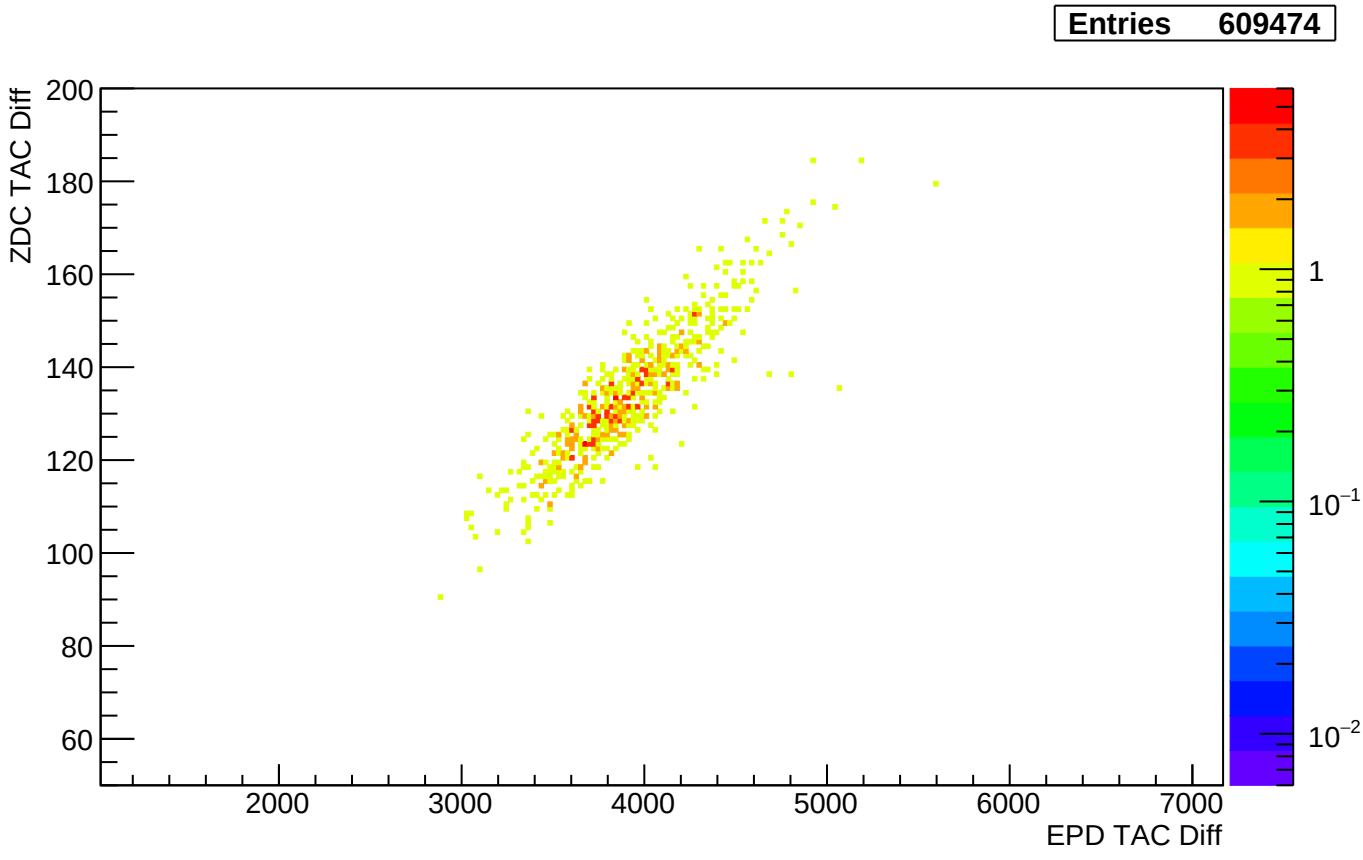

Entries 609474
TOF-Mult
BBC-S-West ADC Sum

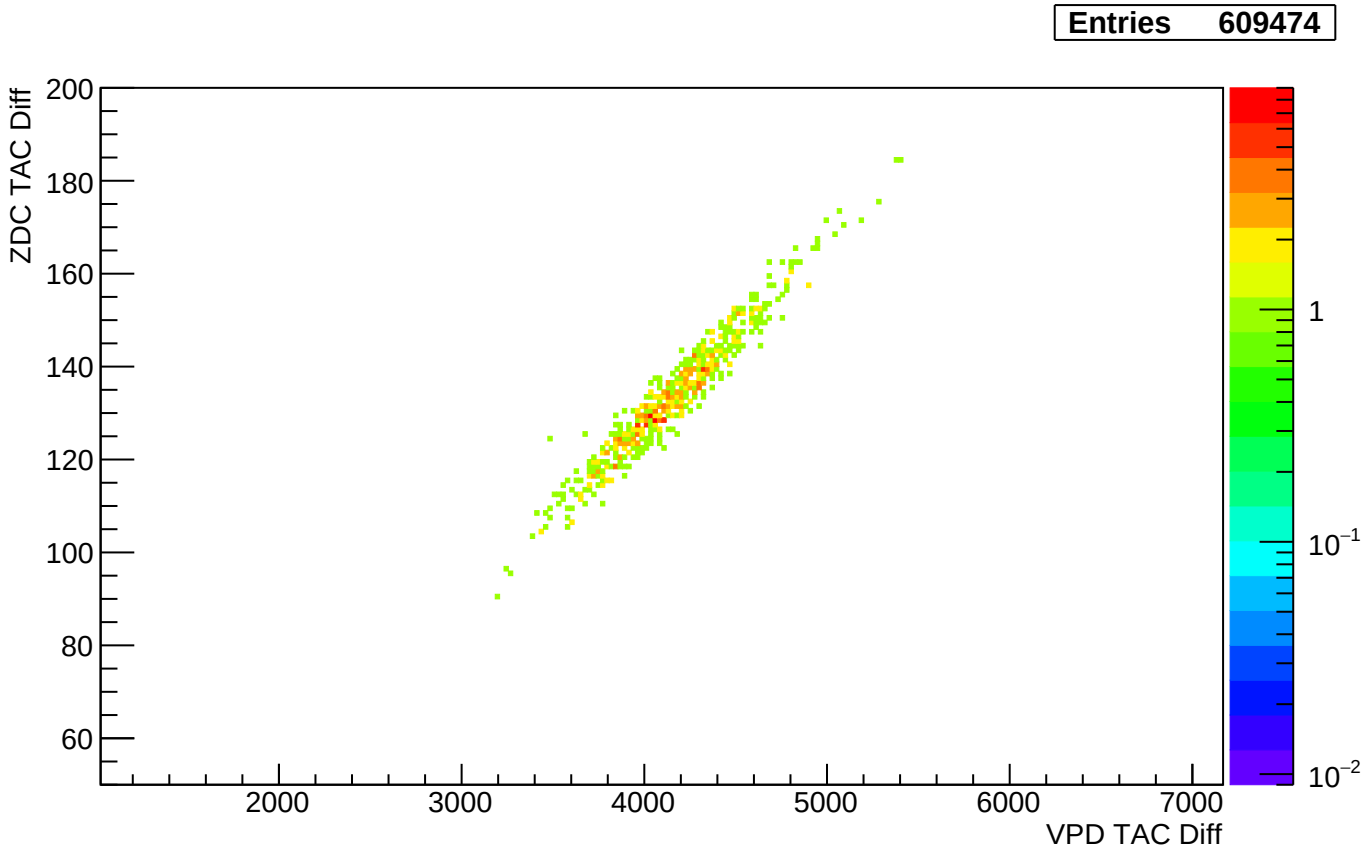

Entries 609474
TOF-Mult
EPD-East Hit Cnt

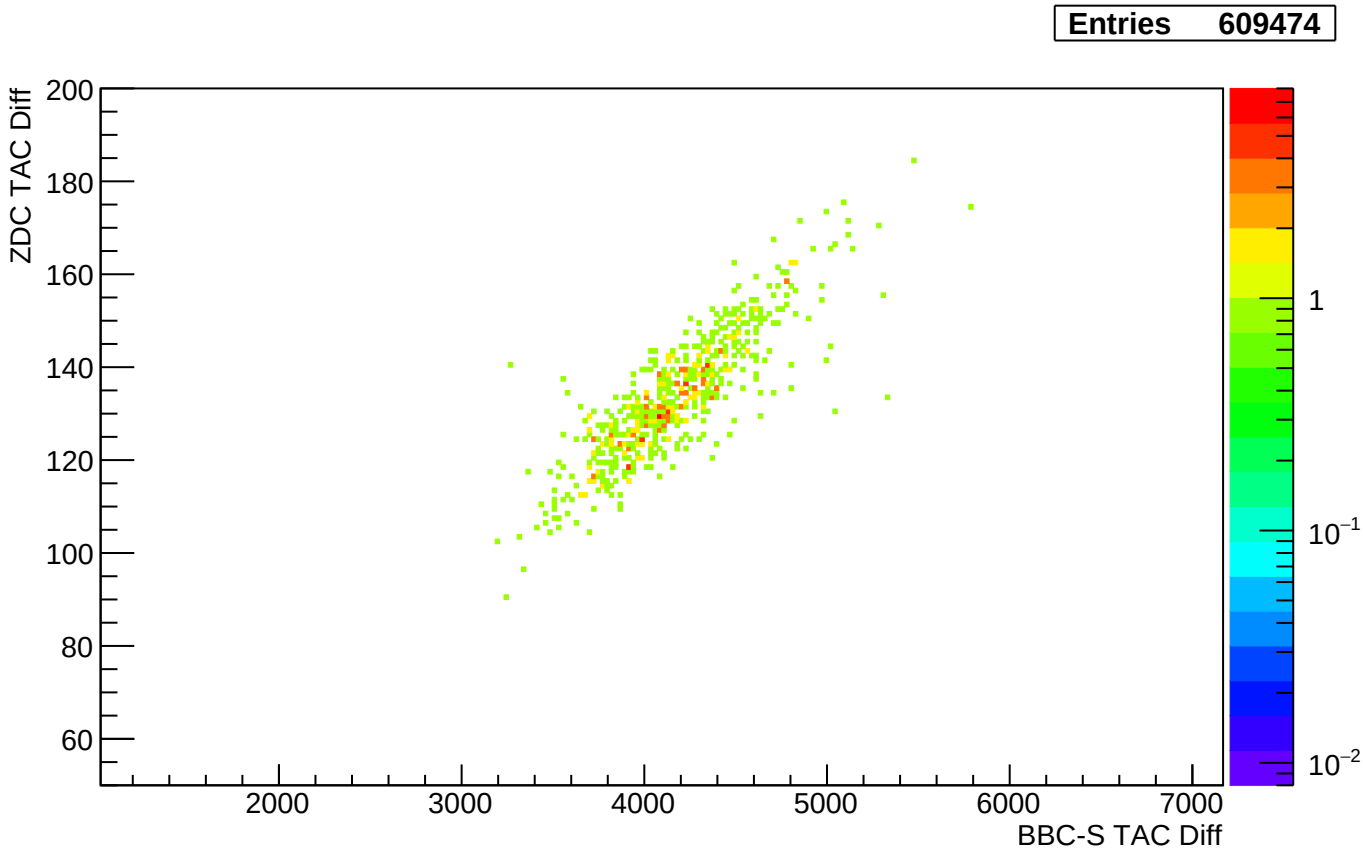

Entries 609474
TOF-Mult
EPD-West Hit Cnt

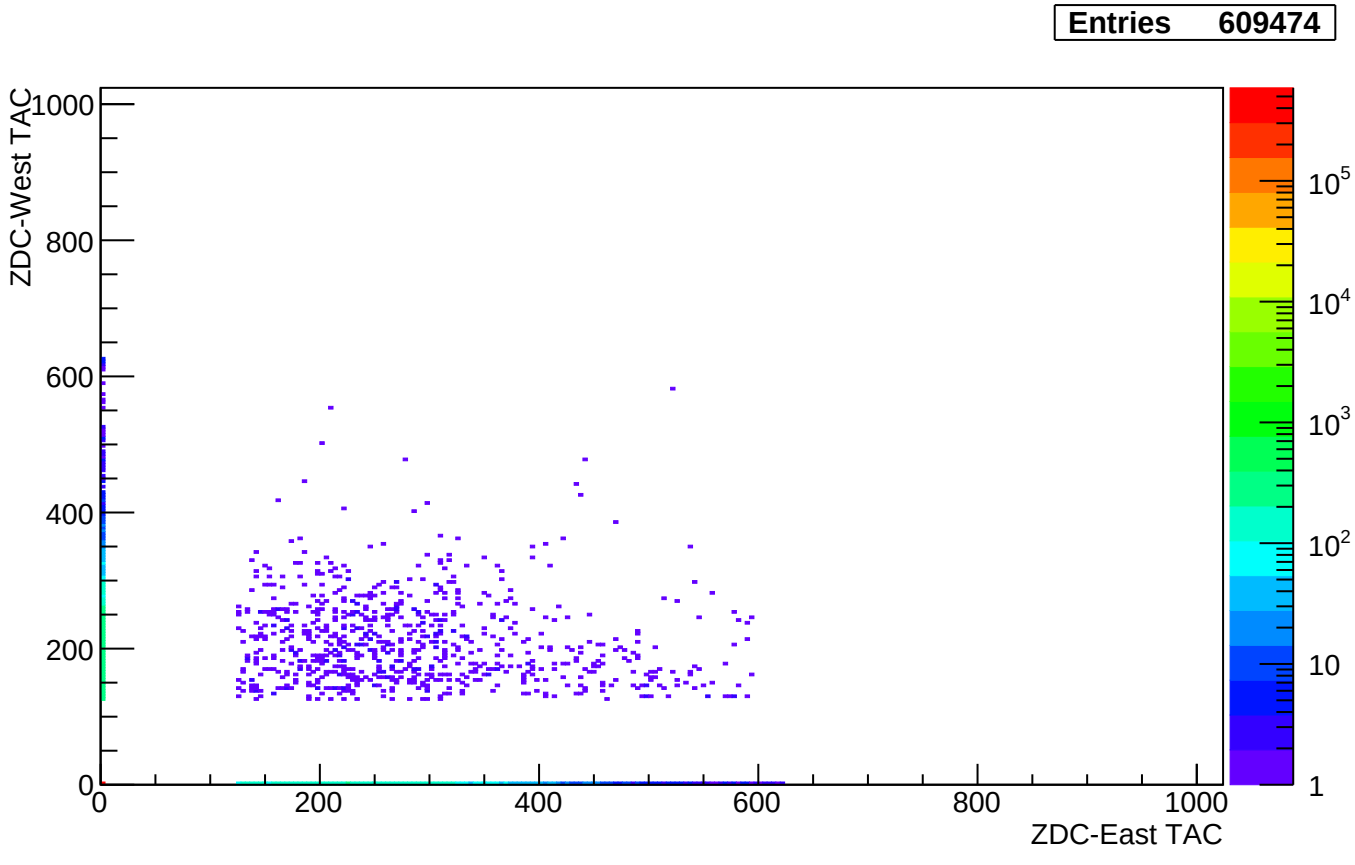

Entries 609474
TOF-Mult
VPD-East ADC Sum

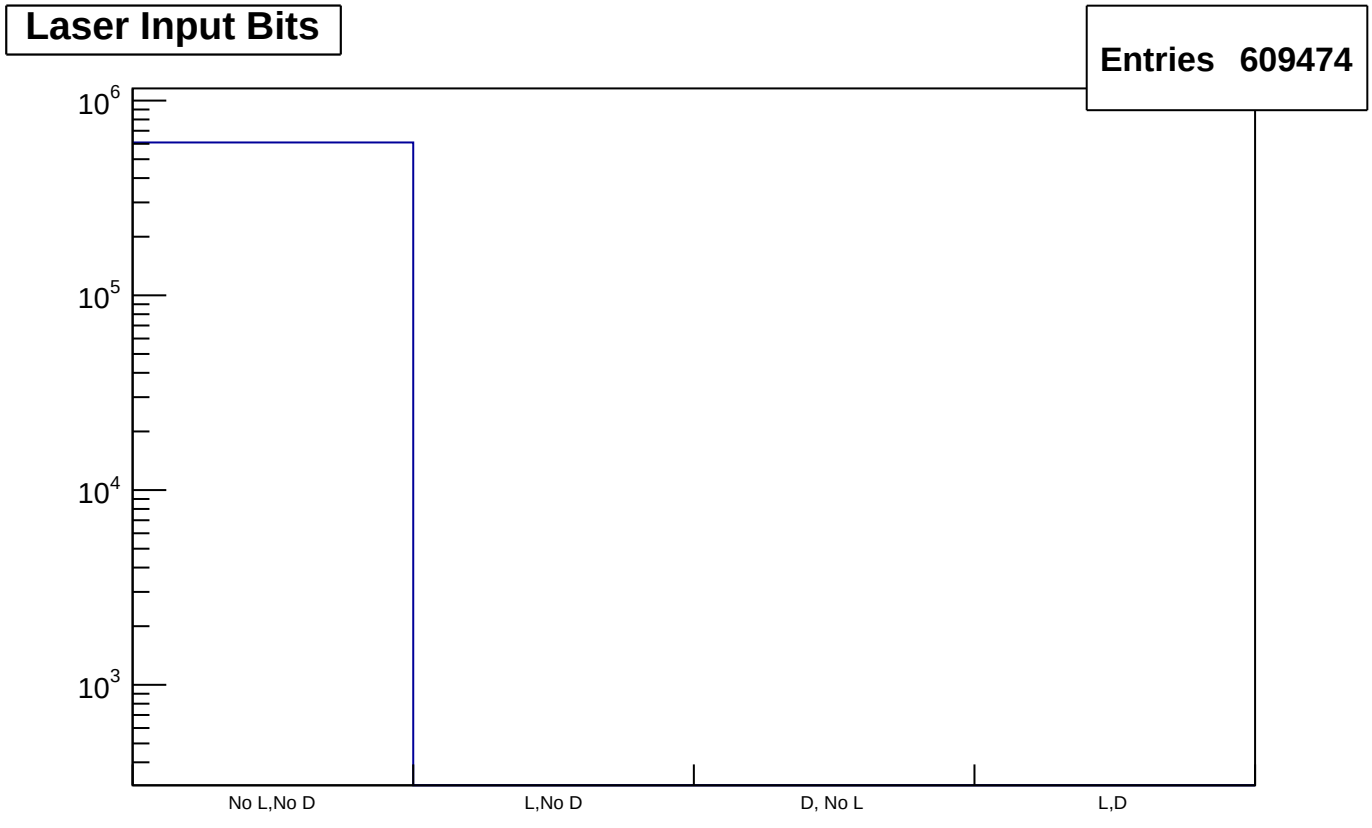

Entries 609474
TOF-Mult
VPD-West ADC Sum

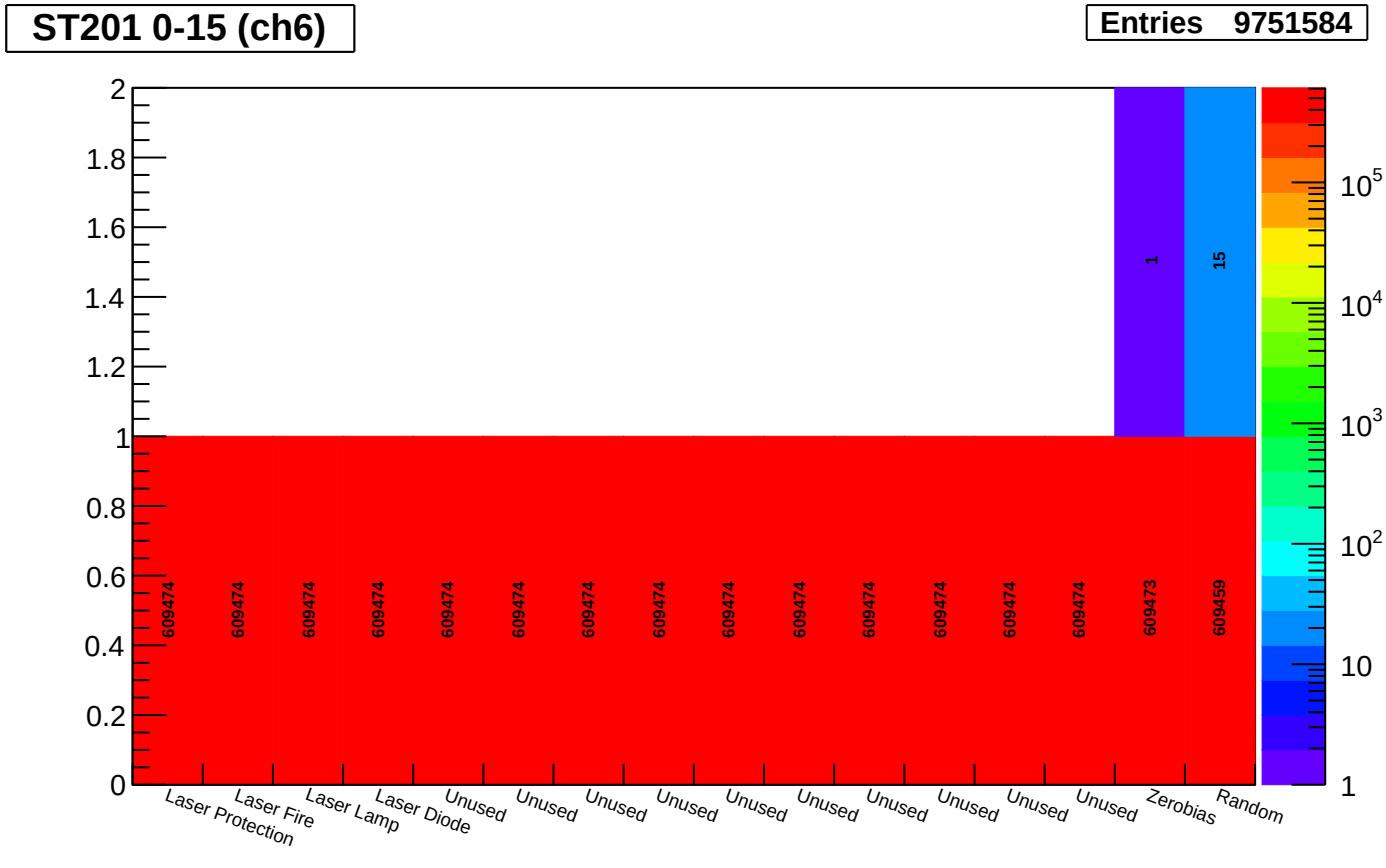

Entries 609474
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

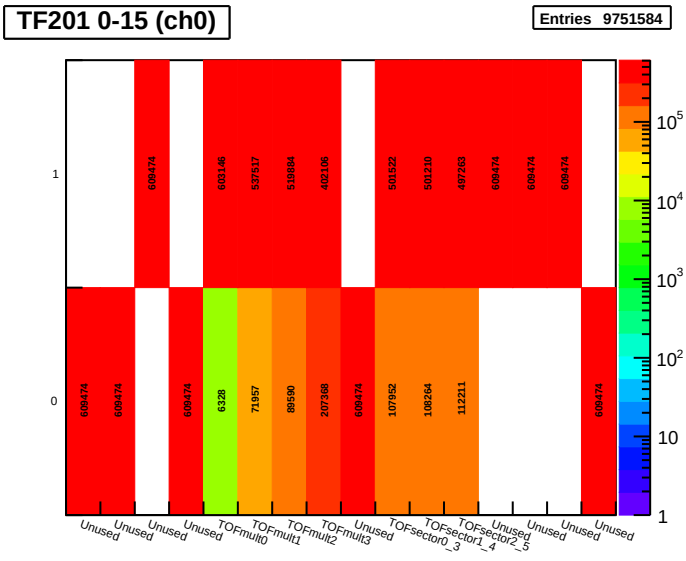

Entries 609474
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

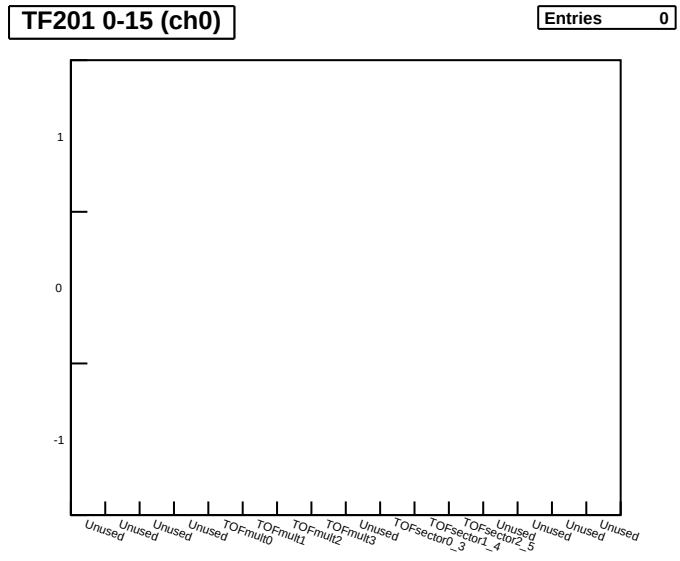

Entries 609474
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

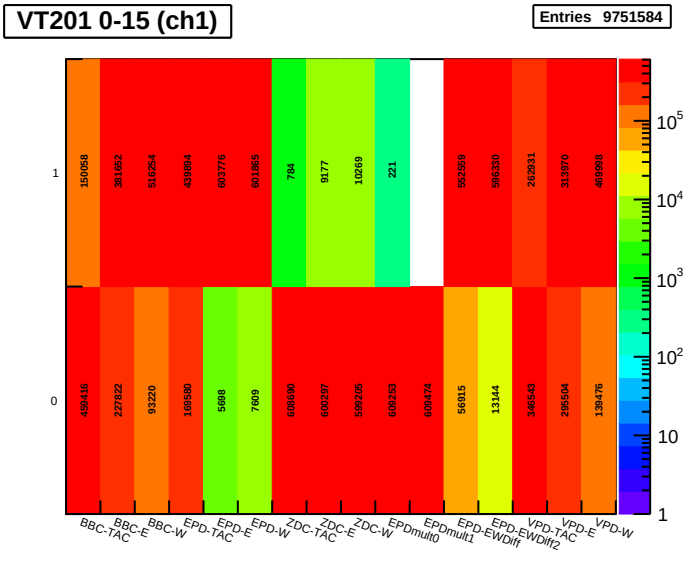

Entries 609474
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

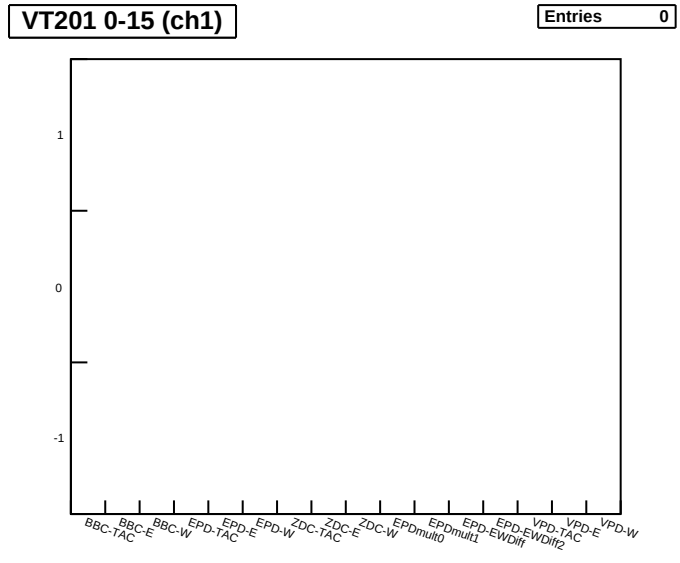

Laser Input Bits
Entries 609474
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

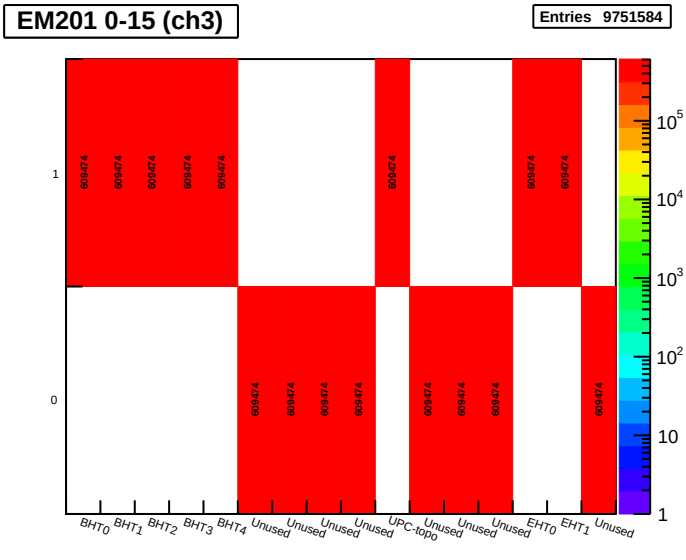

ST201 0-15 (ch6)
Entries 9751584
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
609474
609474
609474
609474
609474
609474
609474
609474
609474
609474
609474
609474
609474
609473
609459
1
15
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

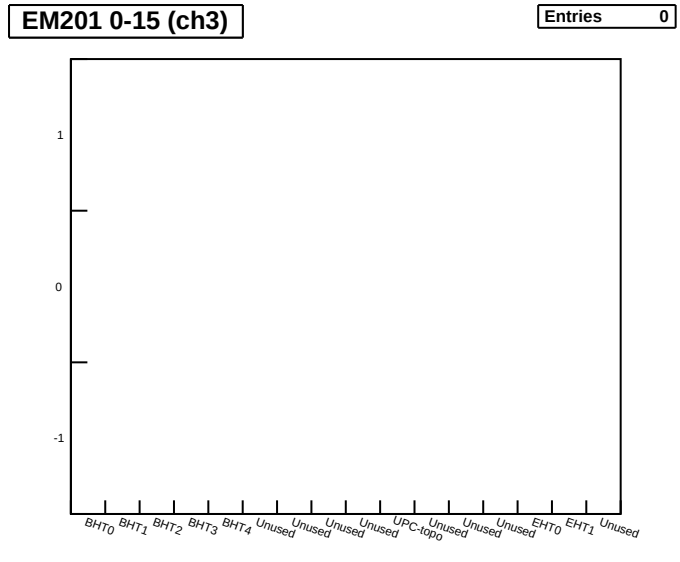

TF201 0-15 (ch0)
Entries 9751584
1
0
609474
603146
537517
519884
492106
501522
501210
497263
609474
609474
609474
609474
609474
609474
6328
71957
89590
207368
609474
107952
108264
112211
609474
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 9751584
1
0
150058
381652
516254
439894
603776
601855
784
9177
10269
221
552559
596330
262931
313970
469938
459416
227822
93220
169580
5698
7609
608690
600297
599205
609253
609474
56915
13144
346543
295504
139476
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 9751584
1
0
609474
609474
609474
609474
609474
609474
609474
609474
609474
609474
609474
609474
609474
609474
609474
609474
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