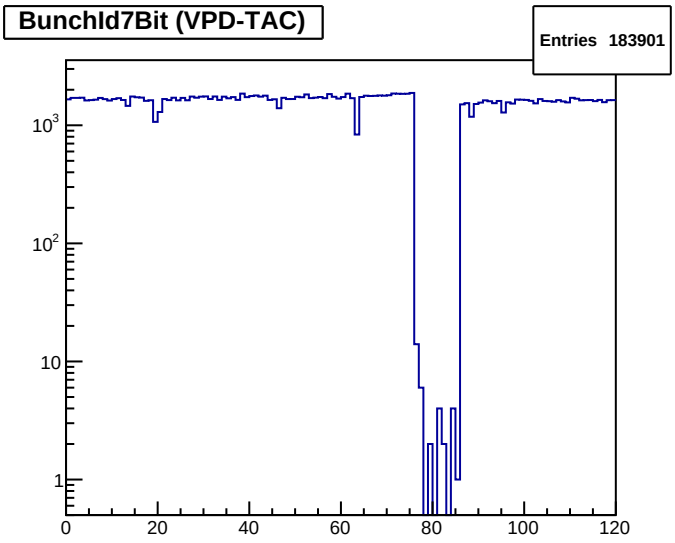
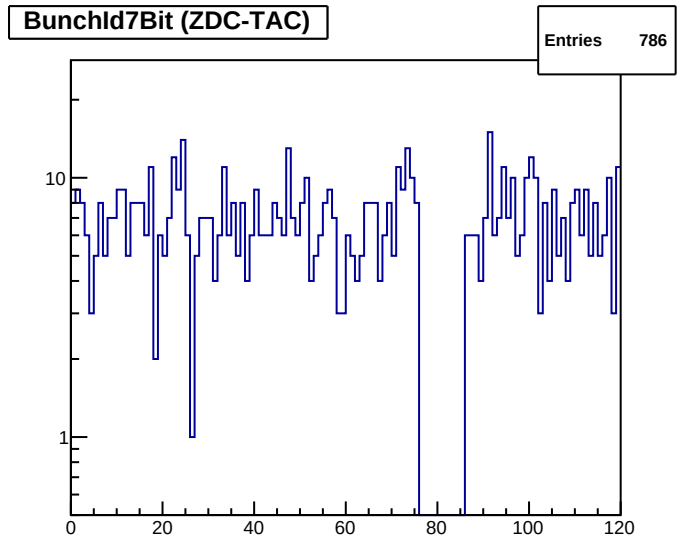
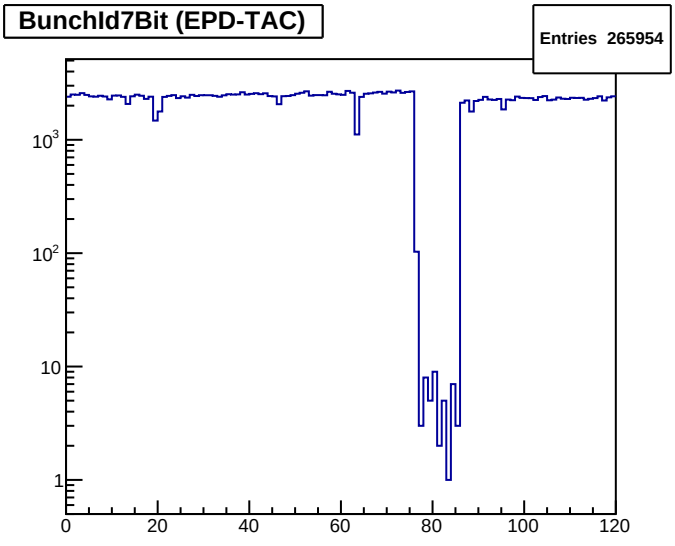
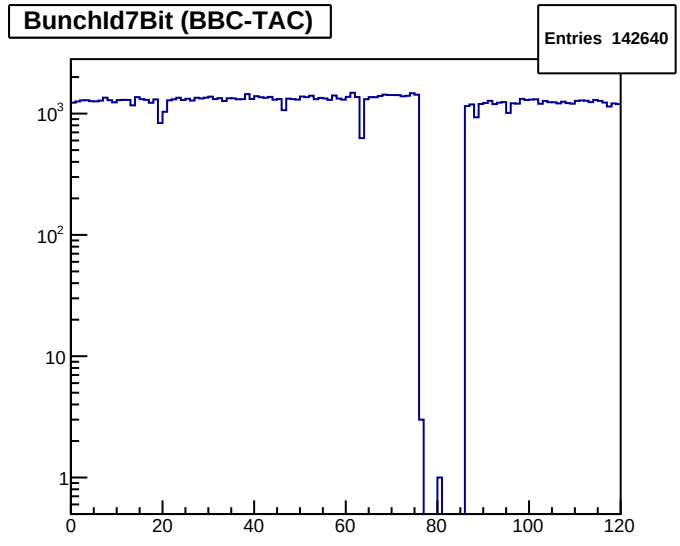
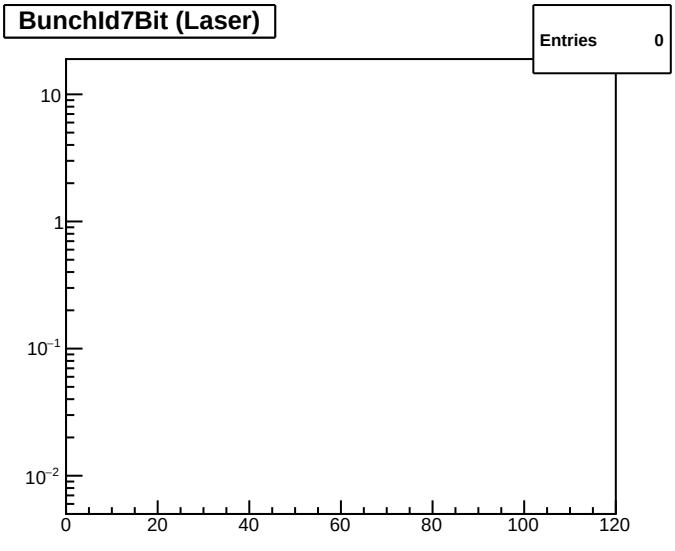
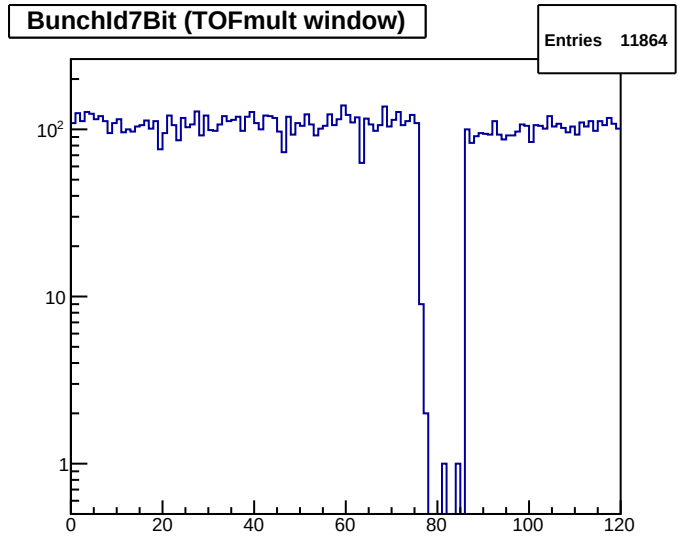

BunchId7Bit (VPD-TAC)
Entries 183901

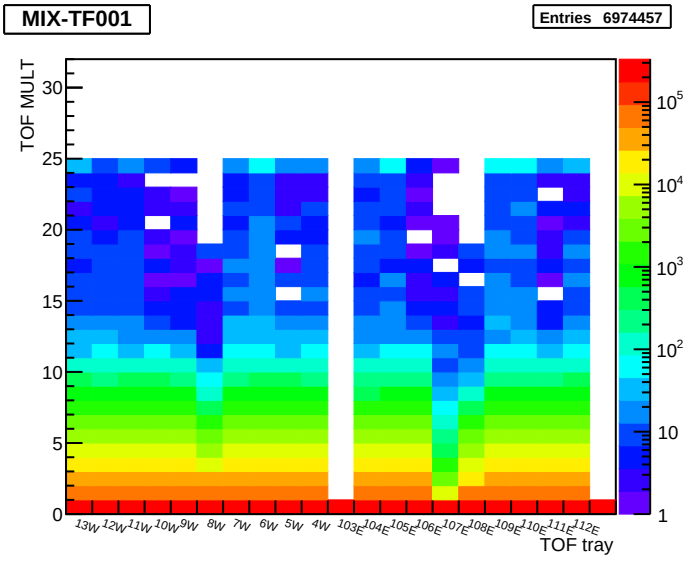

BunchId7Bit (ZDC-TAC)
Entries 786

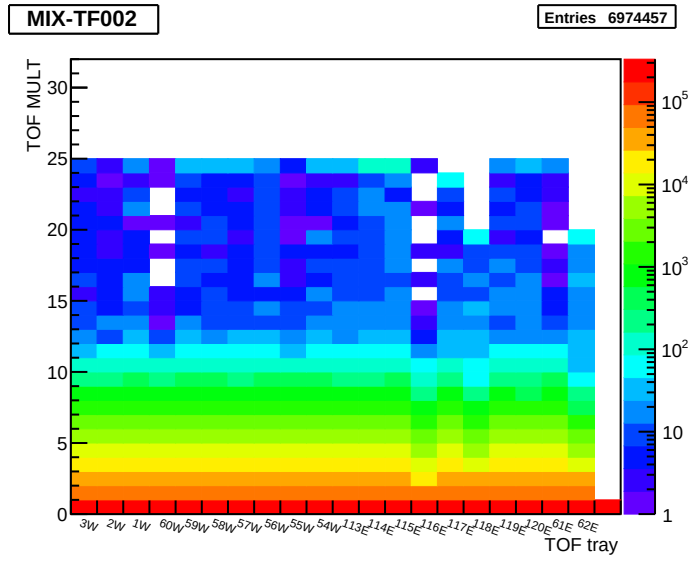

BunchId7Bit (EPD-TAC)
Entries 265954

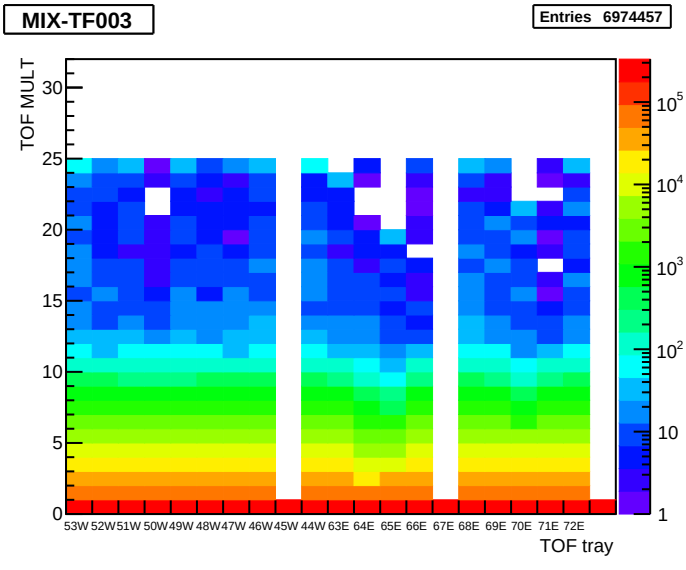

BunchId7Bit (BBC-TAC)
Entries 142640

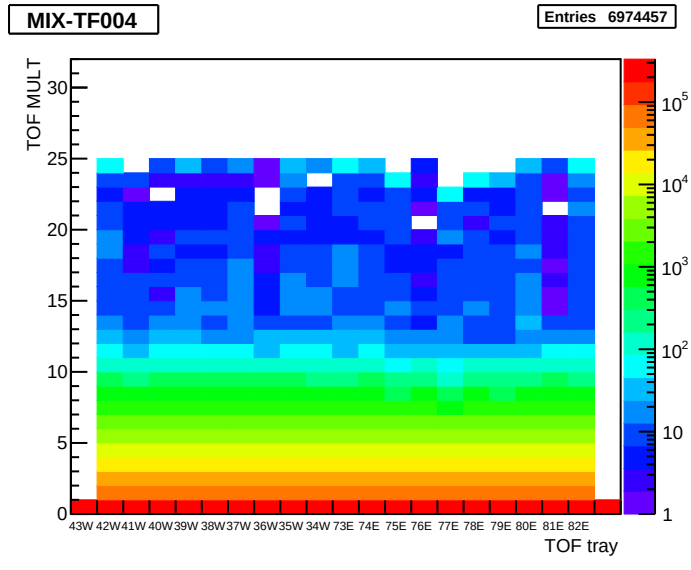

BunchId7Bit (Laser)
Entries 0

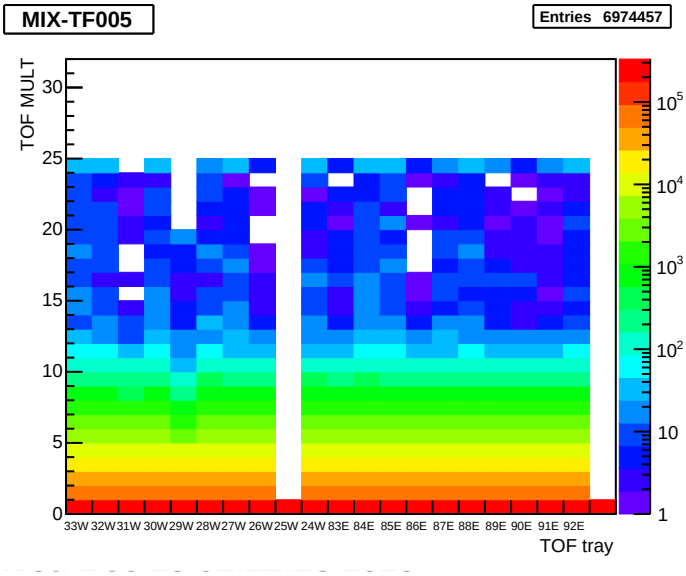

BunchId7Bit (TOFmult window)
Entries 11864

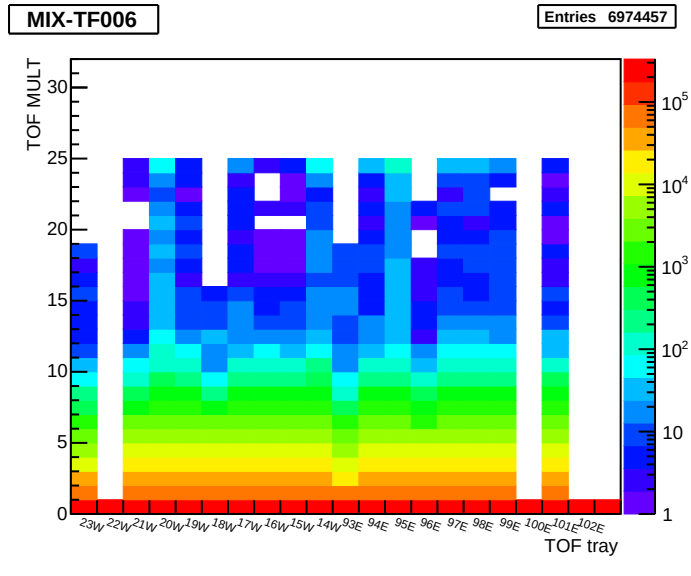

MIX-TF001
Entries 6974457
TOF MULT
TOF tray

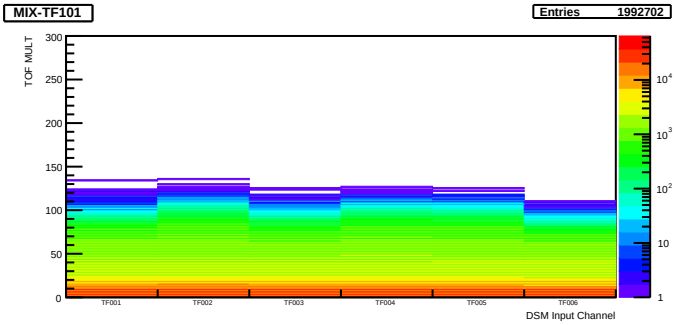

MIX-TF002
Entries 6974457
TOF MULT
TOF tray

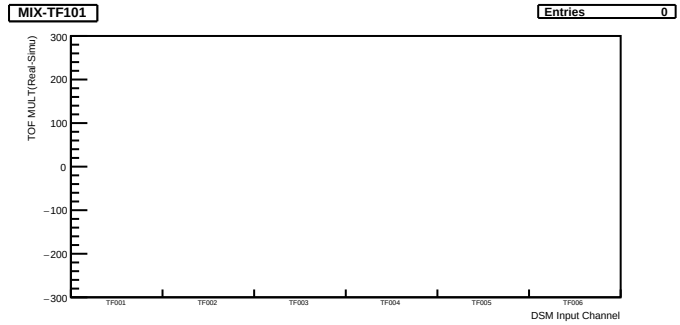

MIX-TF003
Entries 6974457
TOF MULT
TOF tray

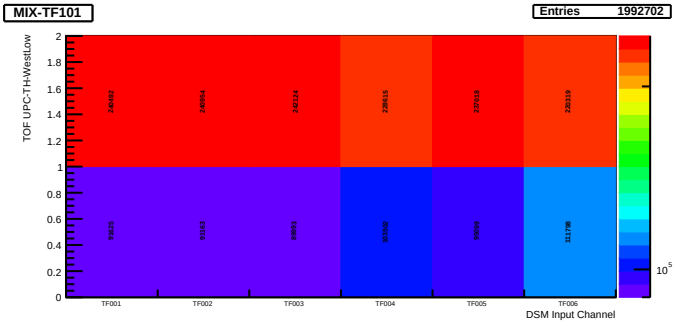

MIX-TF004
Entries 6974457
TOF MULT
TOF tray

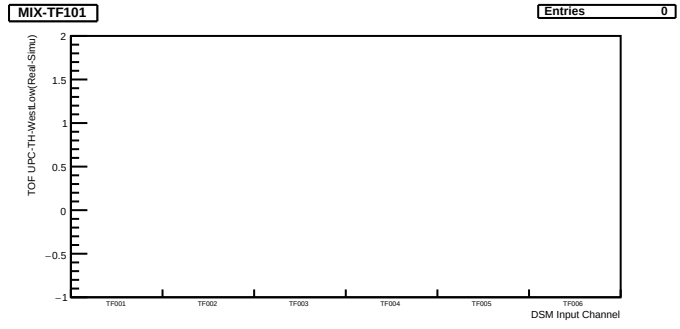

MIX-TF005
Entries 6974457
TOF MULT
TOF tray

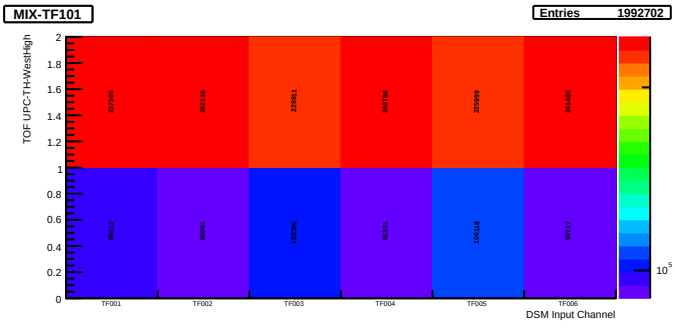

MIX-TF006
Entries 6974457
TOF MULT
TOF tray

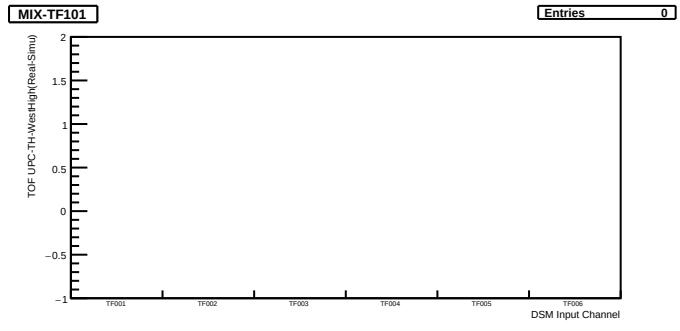

MIX-TF101
Entries 1992702
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

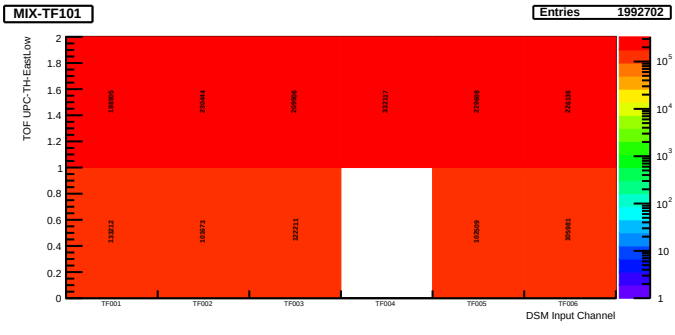

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

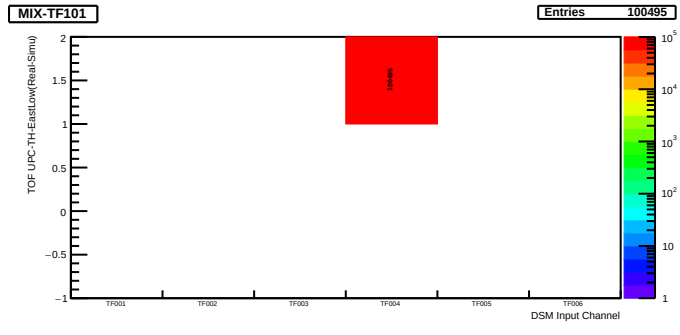

MIX-TF101
Entries 1992702
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

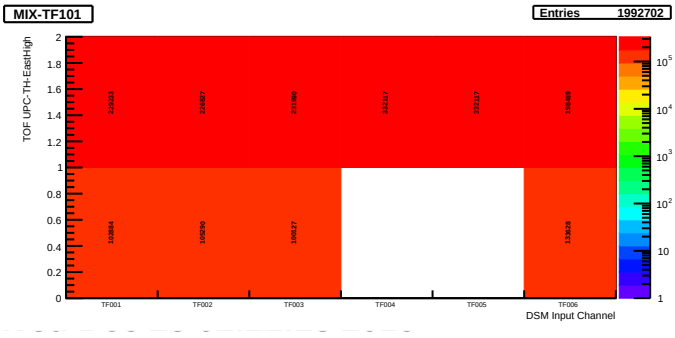

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

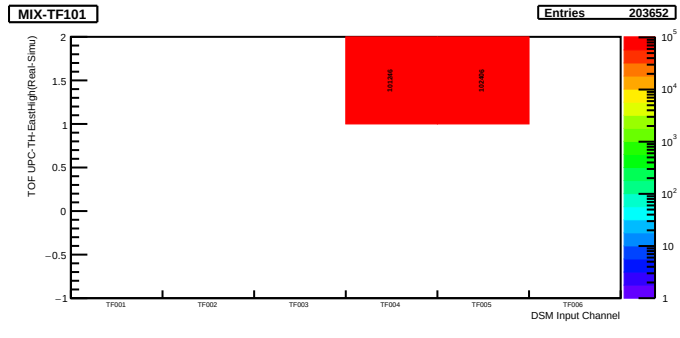

MIX-TF101
Entries 1992702
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

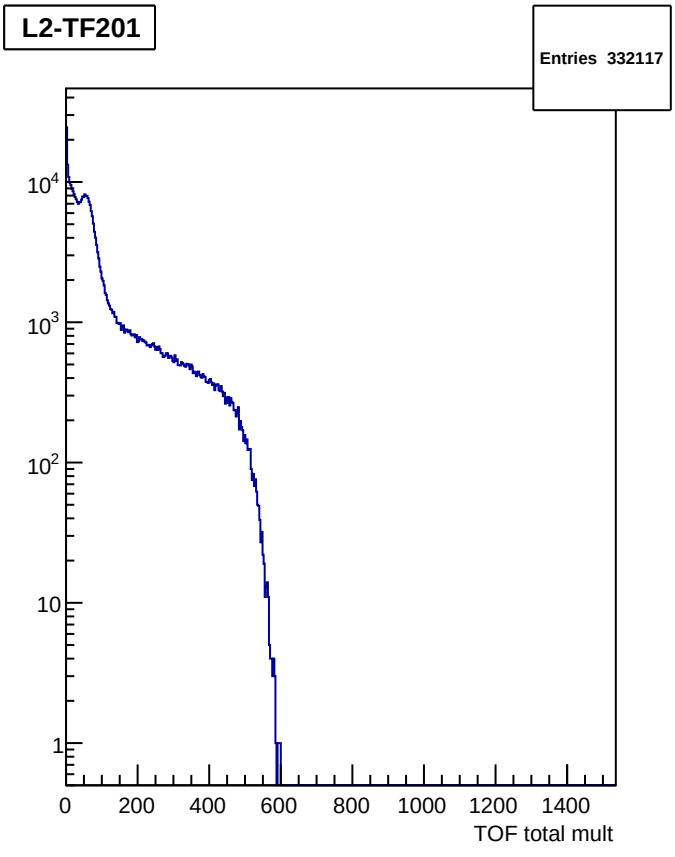

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

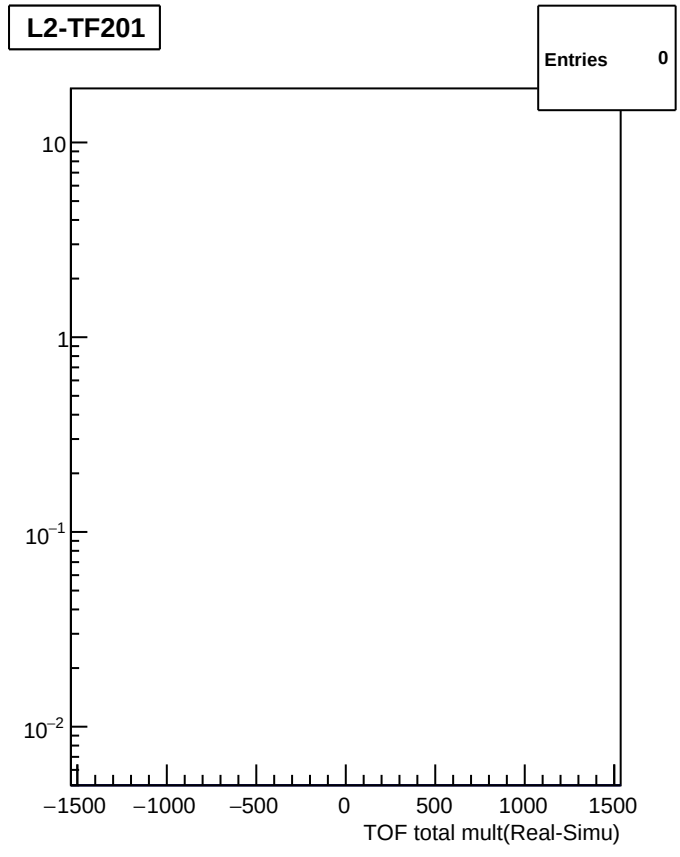

MIX-TF101
Entries 1992702
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

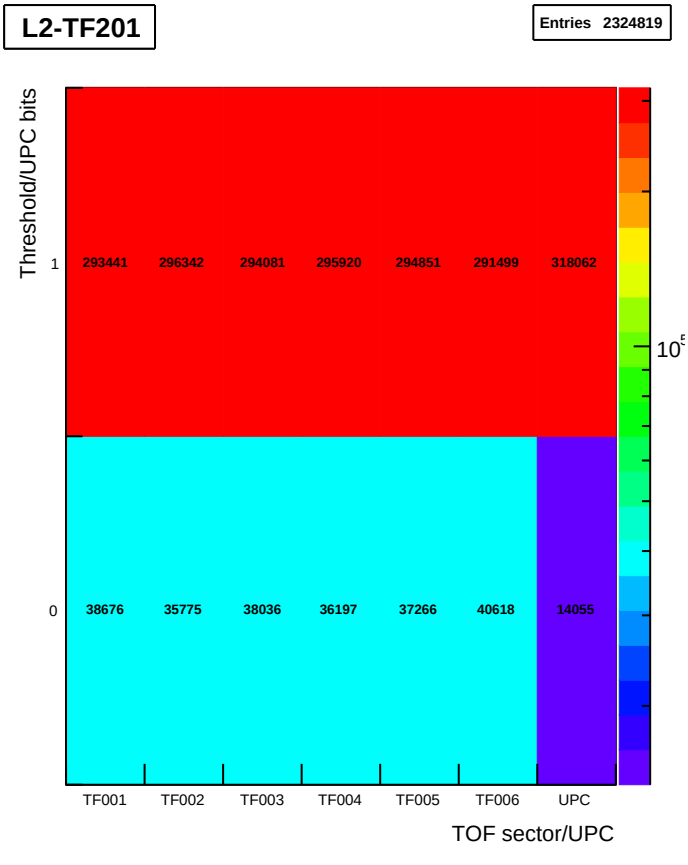

MIX-TF101
Entries 100495
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

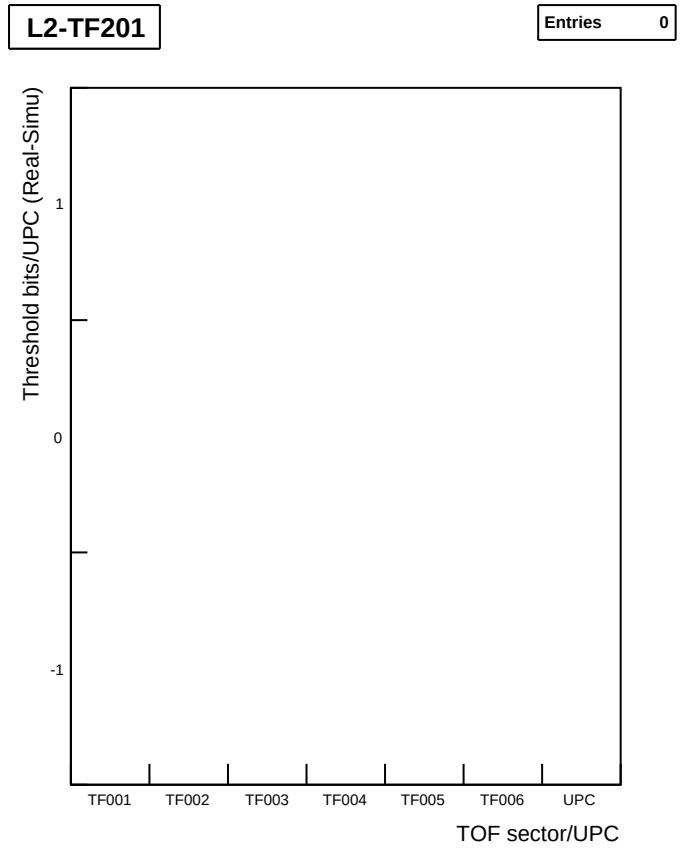

MIX-TF101
Entries 1992702
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

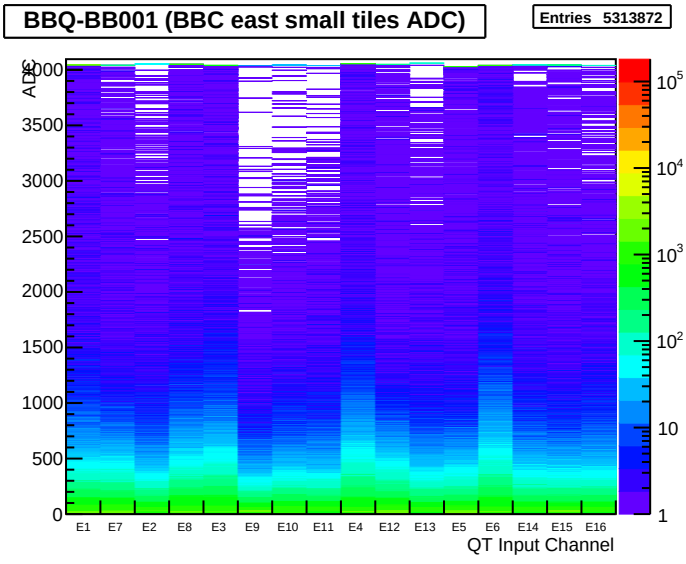

MIX-TF101
Entries 203652
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

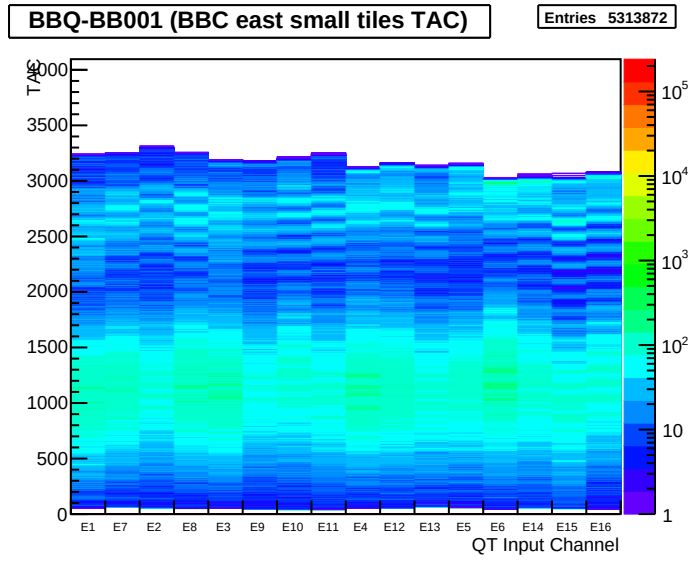

L2-TF201
Entries 332117
TOF total mult

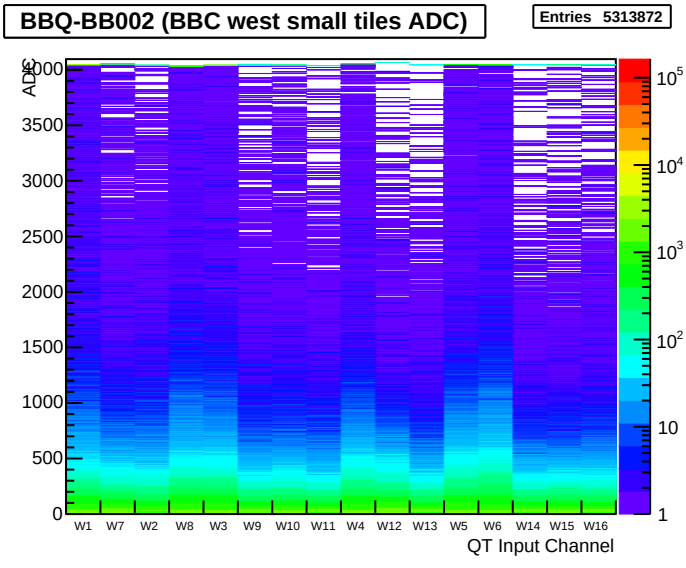

L2-TF201
Entries 0
TOF total mult(Real-Simu)

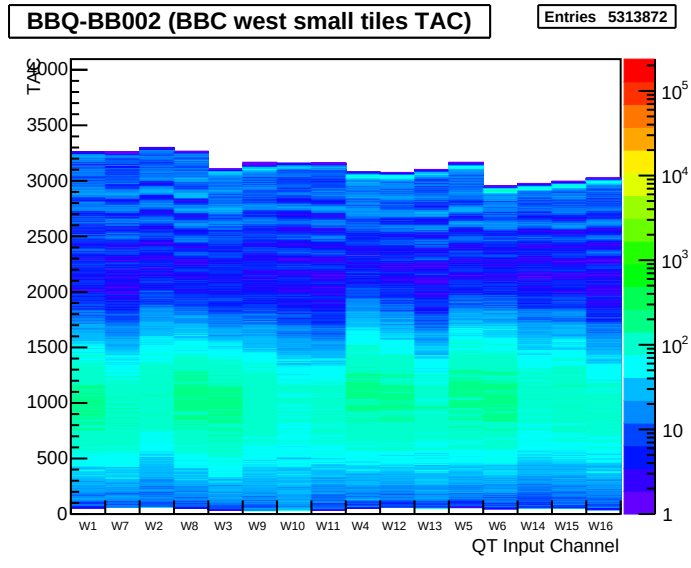

L2-TF201
Entries 2324819
Threshold/UPC bits
293441
296342
294081
295920
294851
291499
318062
38676
35775
38036
36197
37266
40618
14055
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

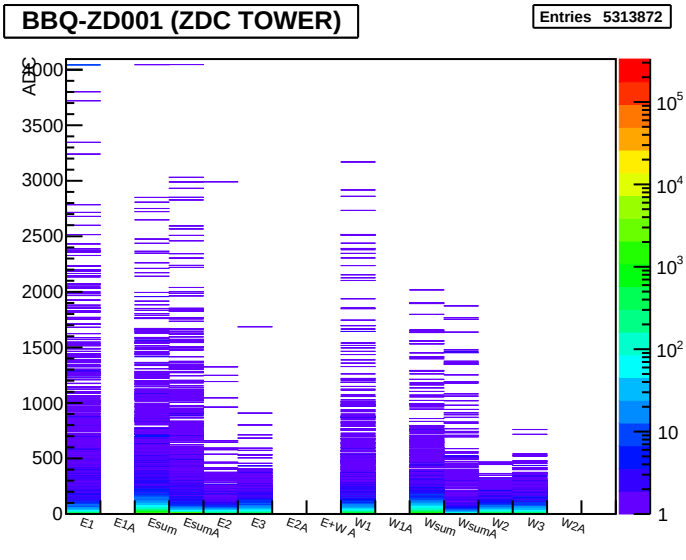

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

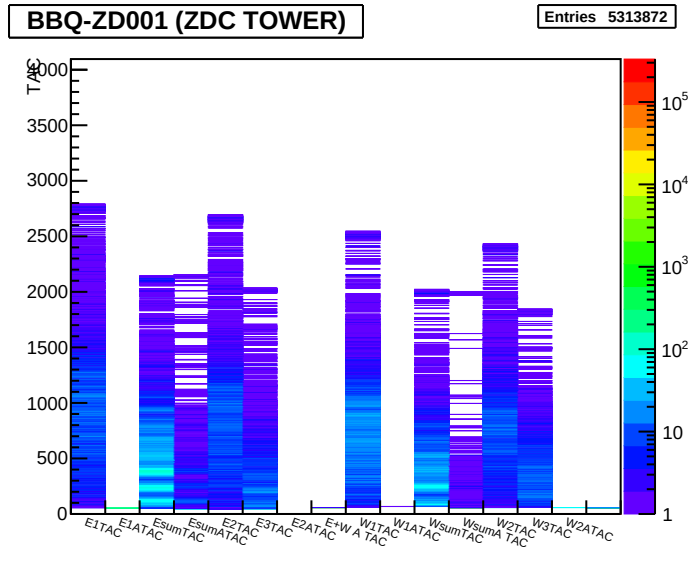

BBQ-BB001 (BBC east small tiles ADC)
Entries 5313872
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

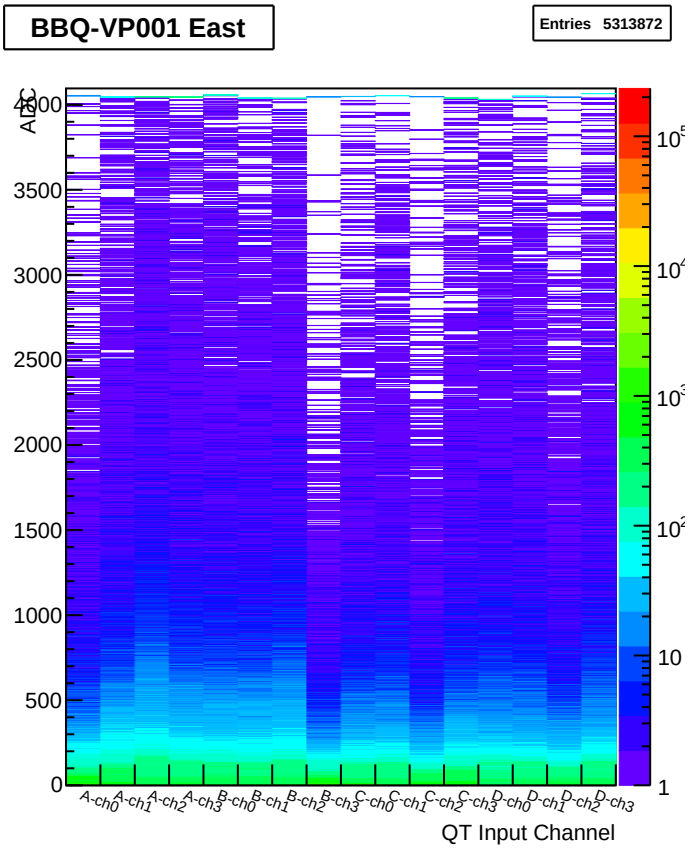

BBQ-BB001 (BBC east small tiles TAC)
Entries 5313872
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

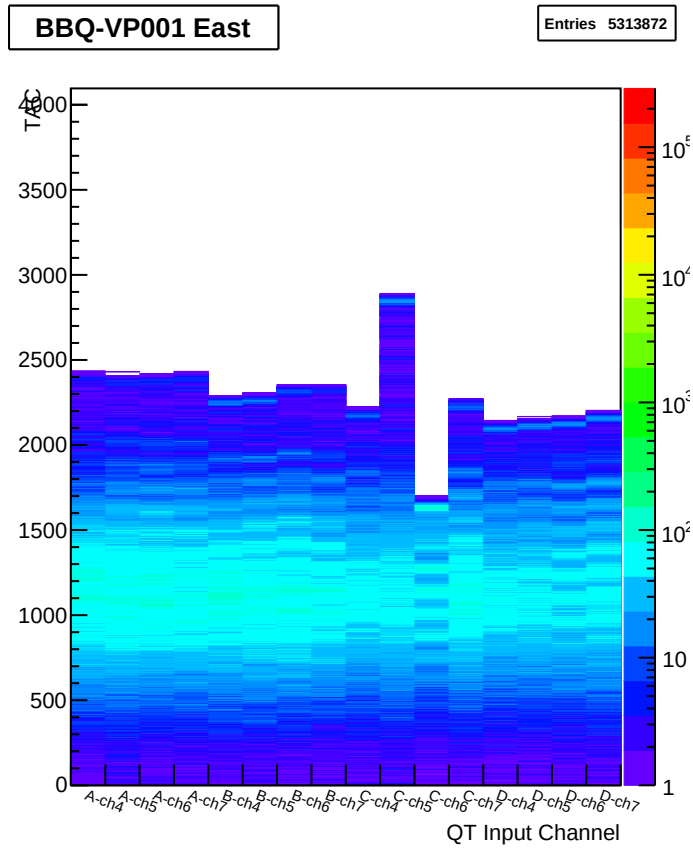

BBQ-BB002 (BBC west small tiles ADC)
Entries 5313872
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

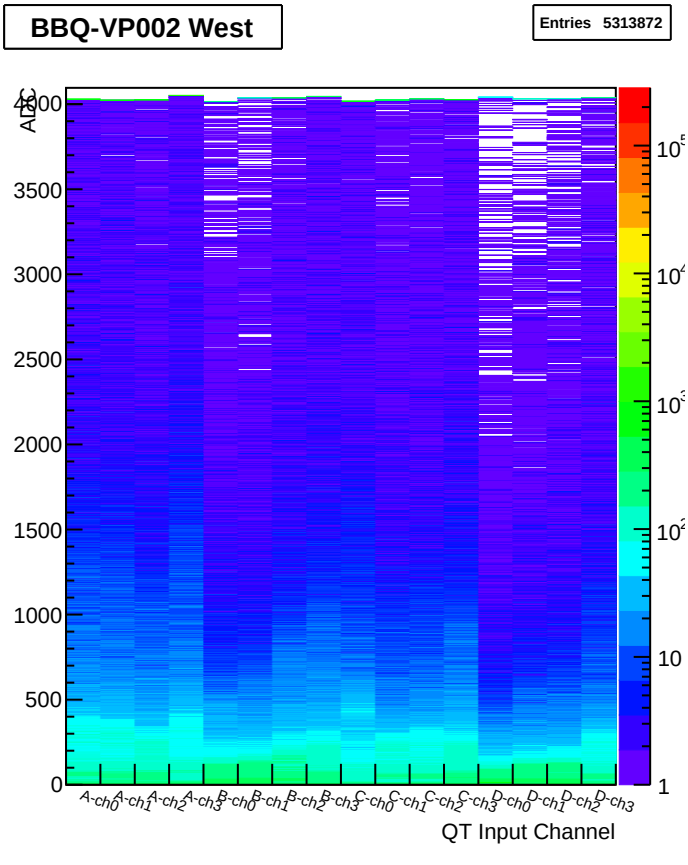

BBQ-BB002 (BBC west small tiles TAC)
Entries 5313872
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

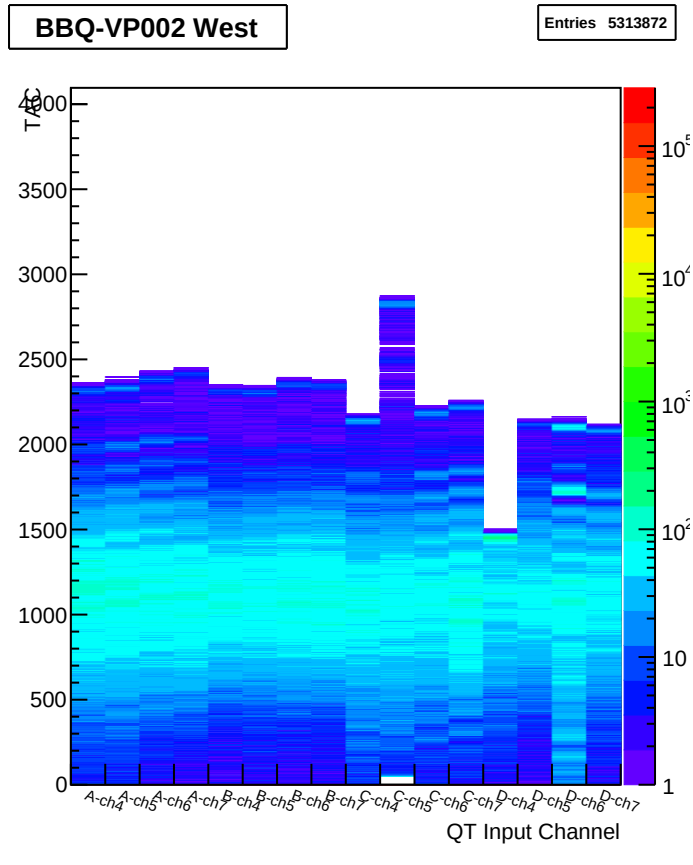

BBQ-ZD001 (ZDC TOWER)
Entries 5313872
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

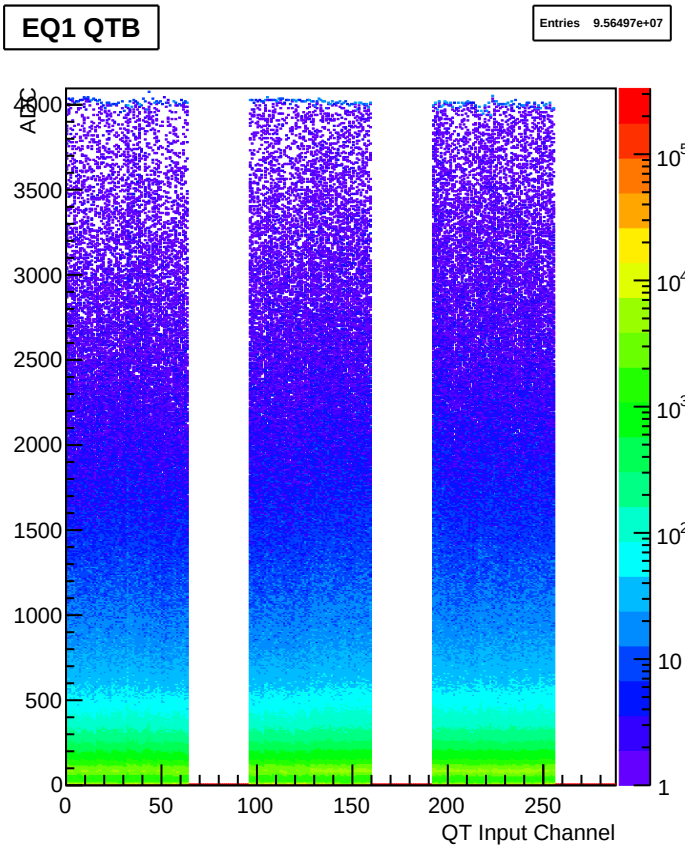

BBQ-ZD001 (ZDC TOWER)
Entries 5313872
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

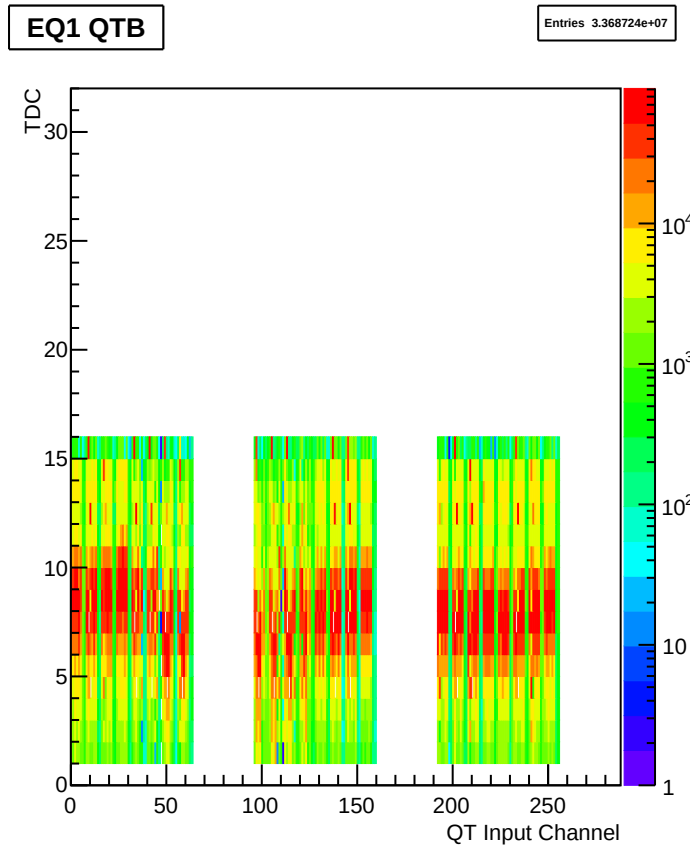

BBQ-VP001 East
Entries 5313872
ADC
QT Input Channel

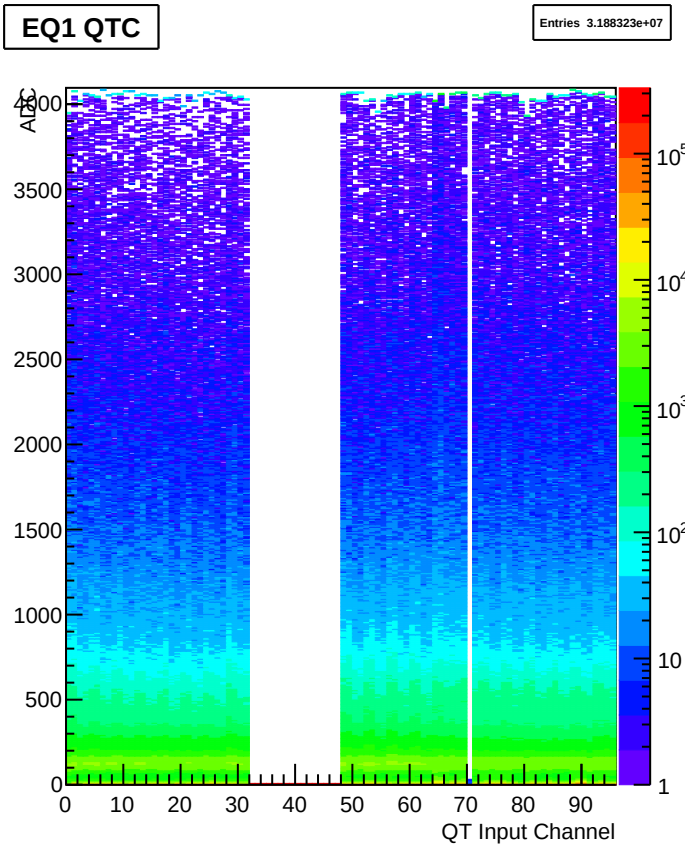

BBQ-VP001 East
Entries 5313872
ADC
QT Input Channel

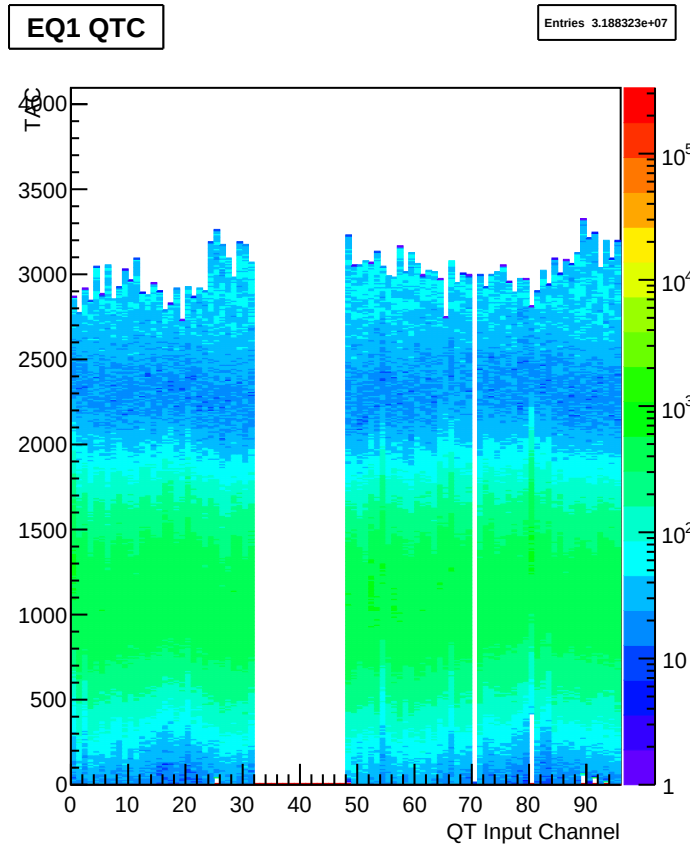

BBQ-VP002 West
Entries 5313872
ADC
QT Input Channel

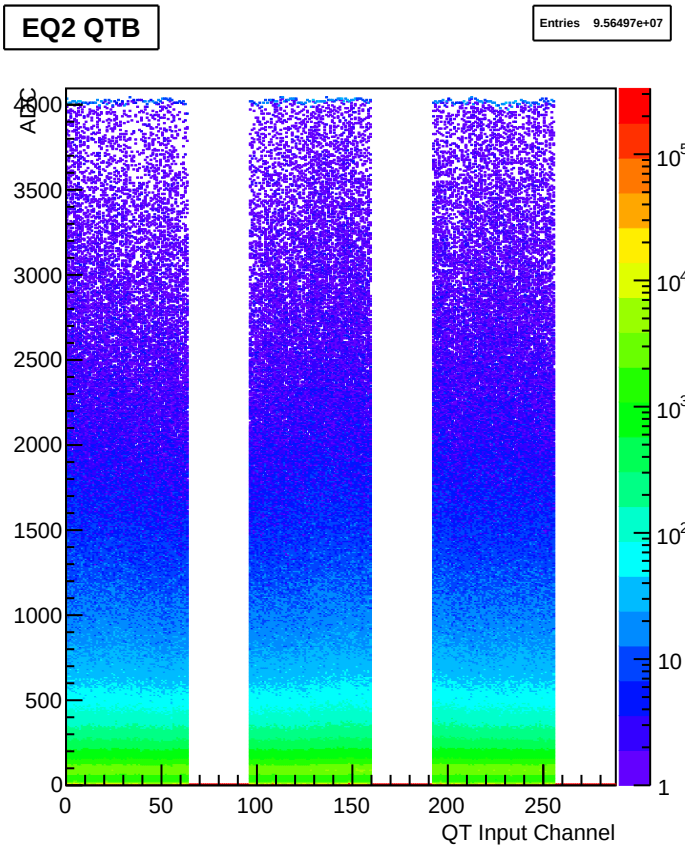

BBQ-VP002 West
Entries 5313872
ADC
QT Input Channel

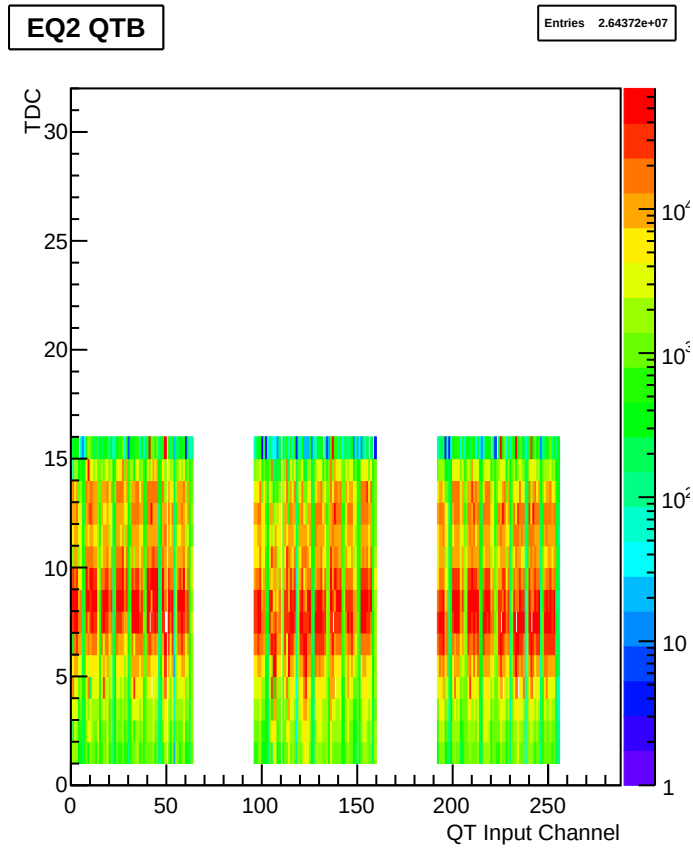

EQ1 QTB
Entries 9.56497e+07
ADC
QT Input Channel

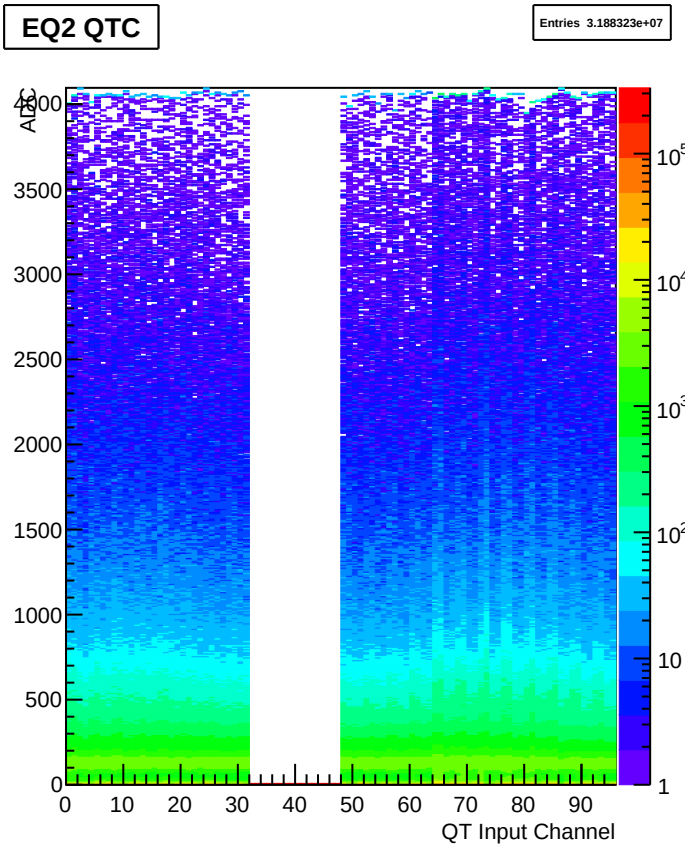

EQ1 QTB
Entries 3.368724e+07
TDC
QT Input Channel

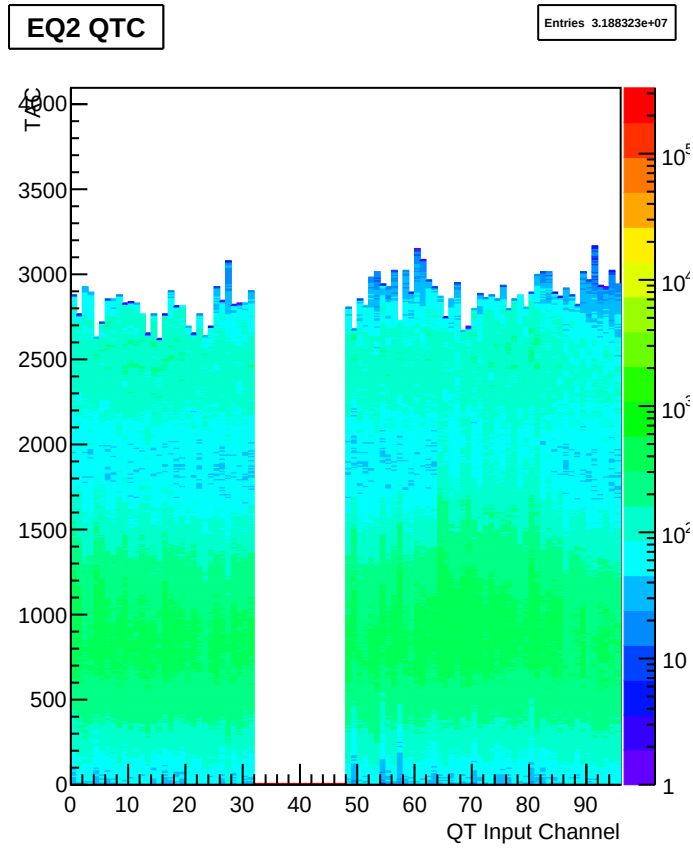

EQ1 QTC
Entries 3.188323e+07
ADC
QT Input Channel

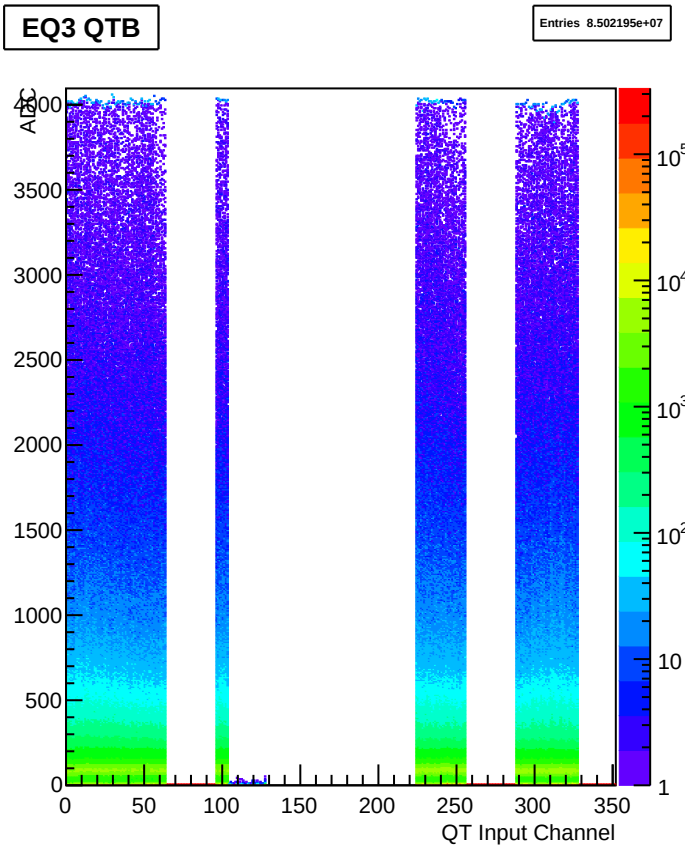

EQ1 QTC
Entries 3.188323e+07
TADC
QT Input Channel

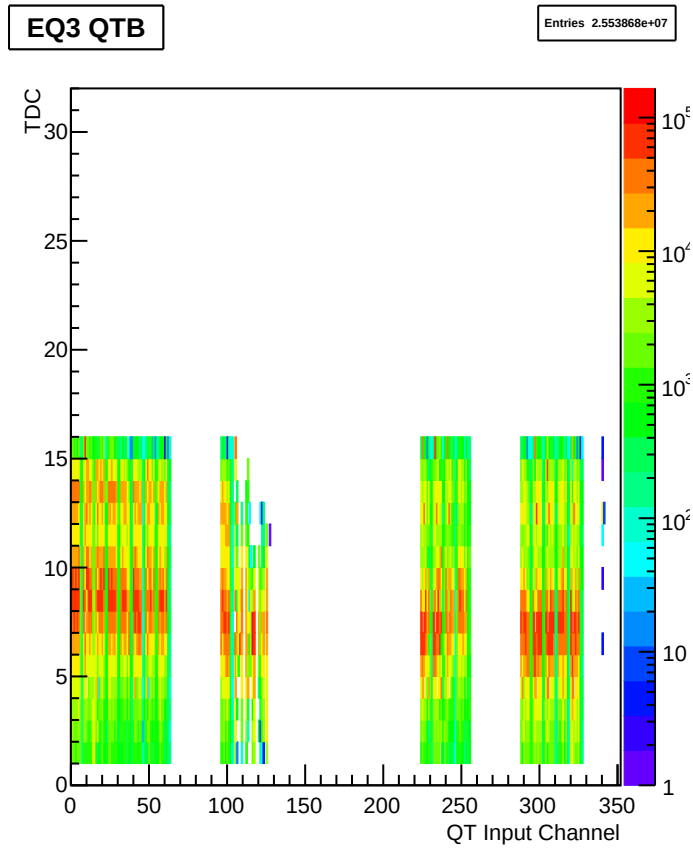

EQ2 QTB
Entries 9.56497e+07
ADC
QT Input Channel

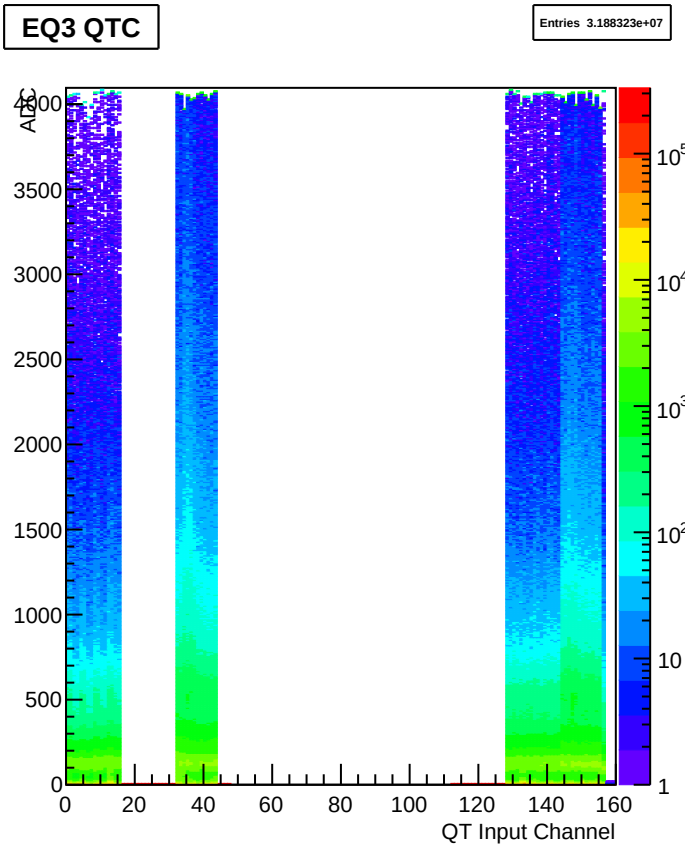

EQ2 QTB
Entries 2.64372e+07
TDC
QT Input Channel

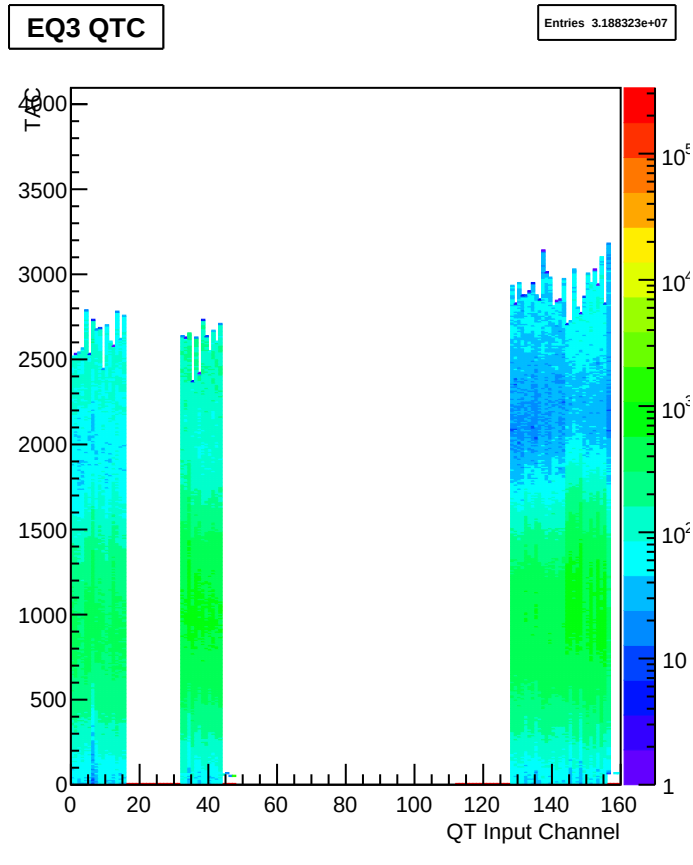

EQ2 QTC
Entries 3.188323e+07
ADC
QT Input Channel

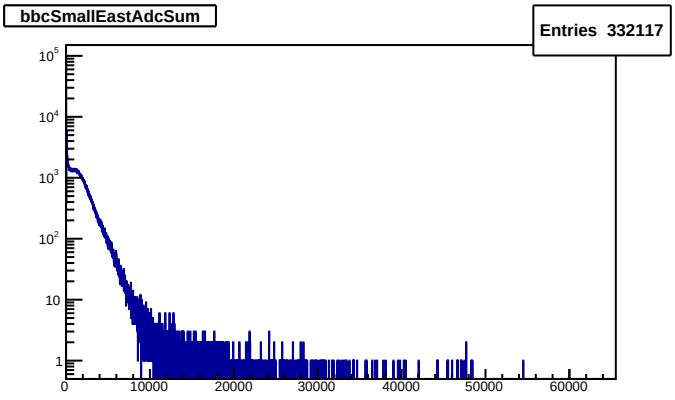

EQ2 QTC
Entries 3.188323e+07
TADC
QT Input Channel

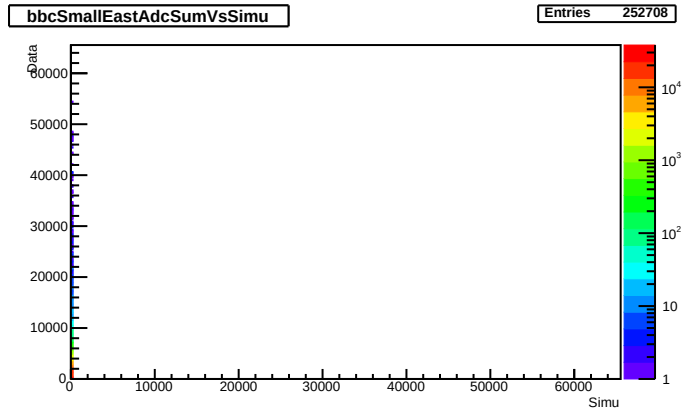

EQ3 QTB
Entries 8.502195e+07
ADC
QT Input Channel

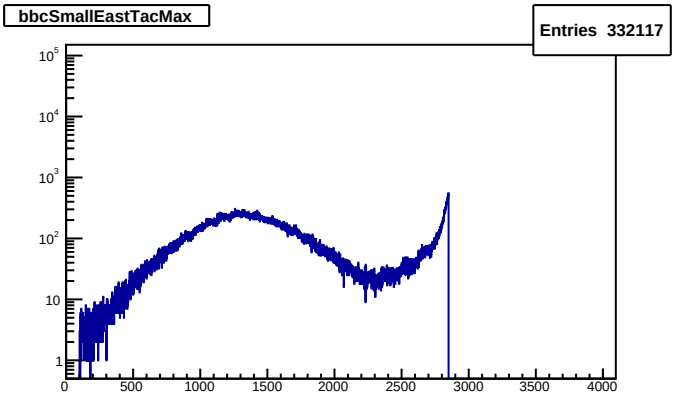

EQ3 QTB
Entries 2.553868e+07
TDC
QT Input Channel

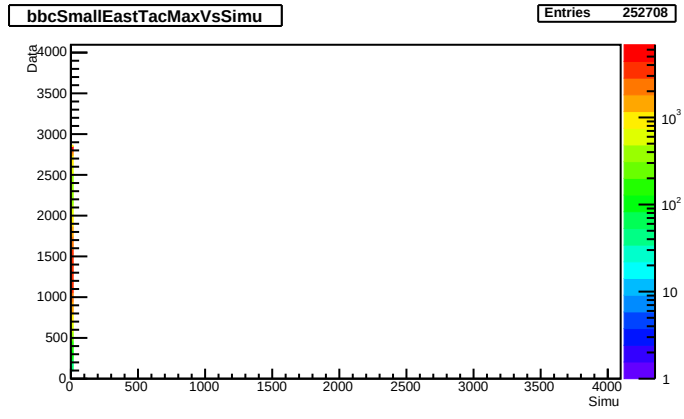

EQ3 QTC
Entries 3.188323e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.188323e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 332117


bbcSmallEastAdcSumVsSimu
Entries 252708
Data
Simu


bbcSmallEastTacMax
Entries 332117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Entries 252708
Data
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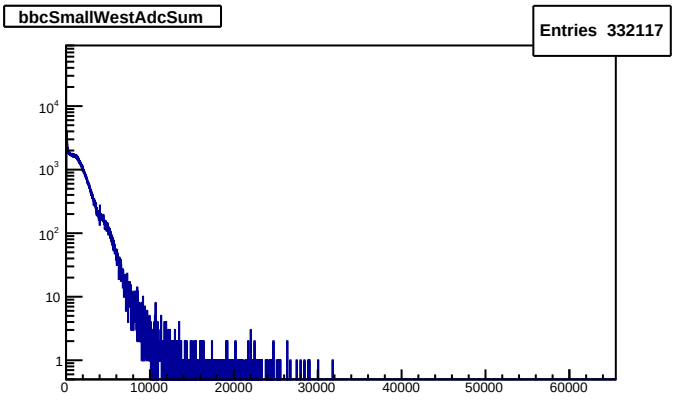
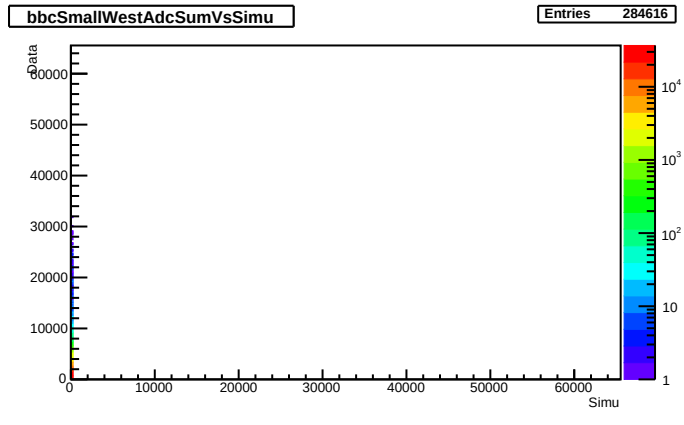

bbcSmallWestAdcSum
Entries 332117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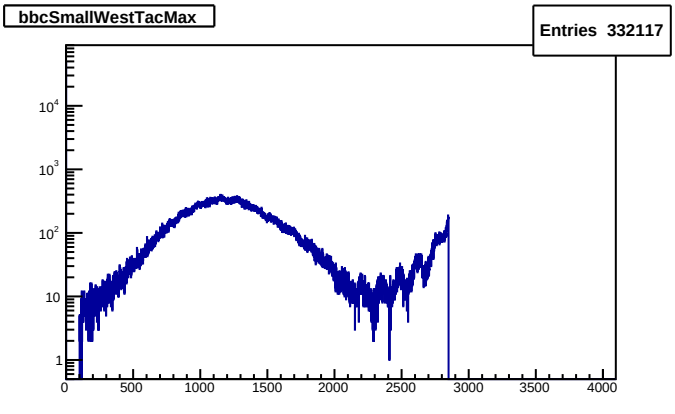
Entries 284616
Data
Simu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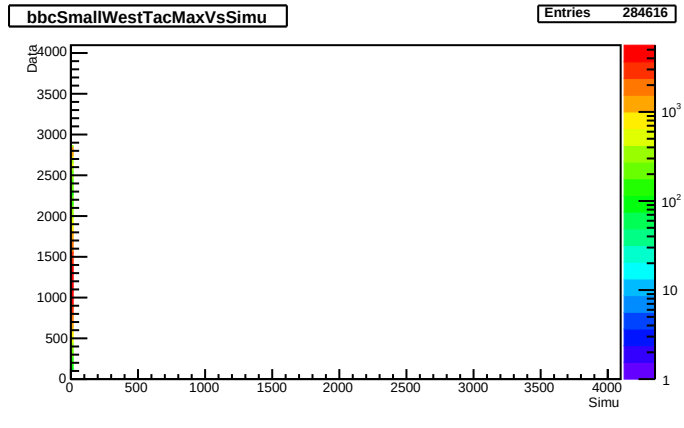
Entries 332117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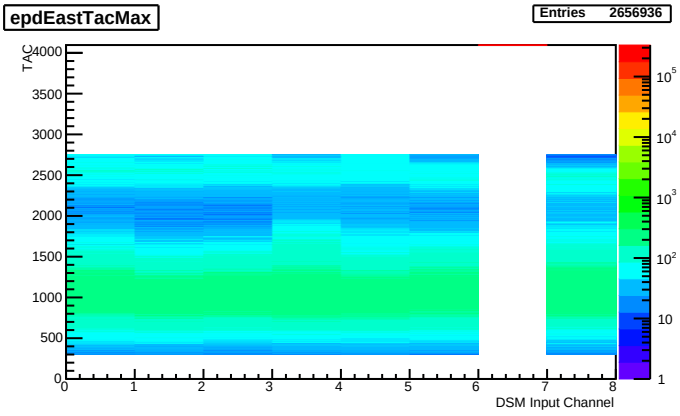
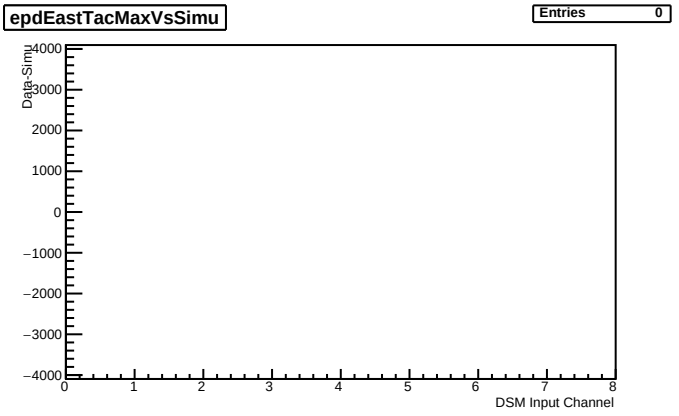
Entries 284616
Data
Simu


epdEastTacMax
Entries 2656936
TAC
DSM Input Channel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Data-Simu
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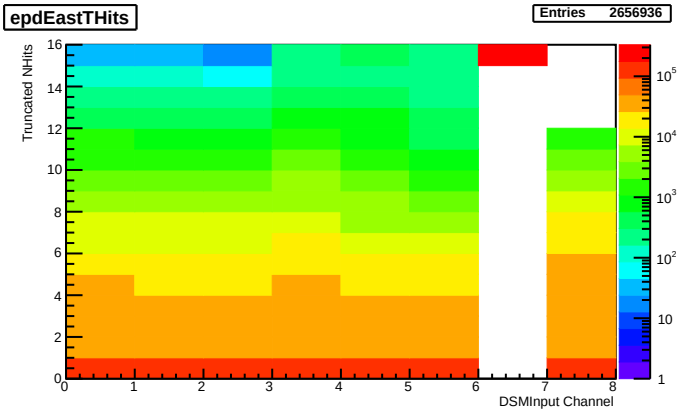
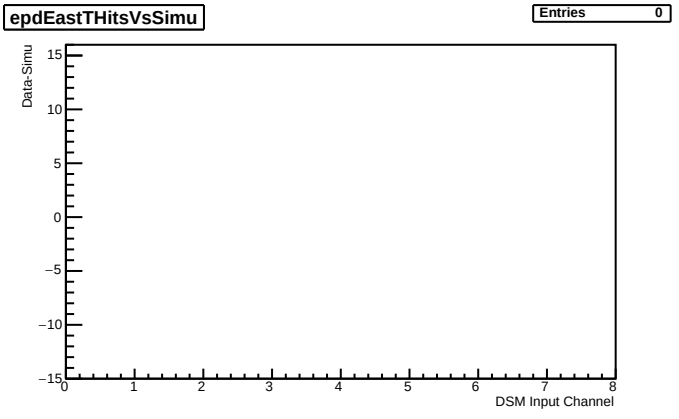

epdEastTHits
Entries 2656936
Truncated NHits
DSMInput Channel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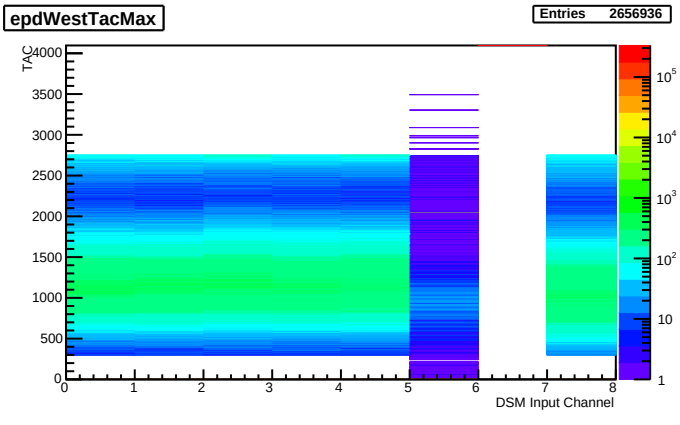
DSM Input Channel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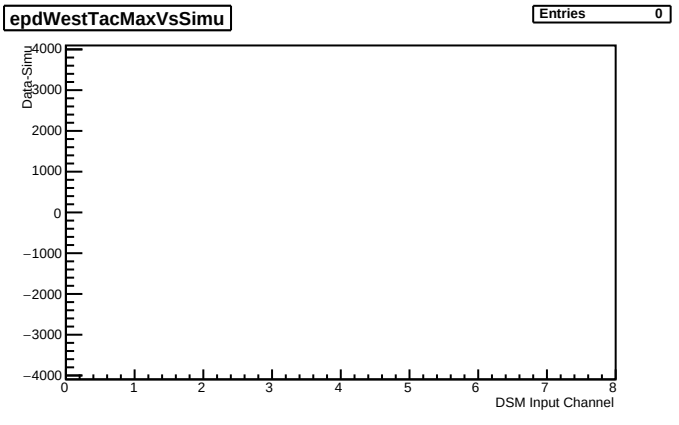
Entries 2656936
TAC
DSM Input Channel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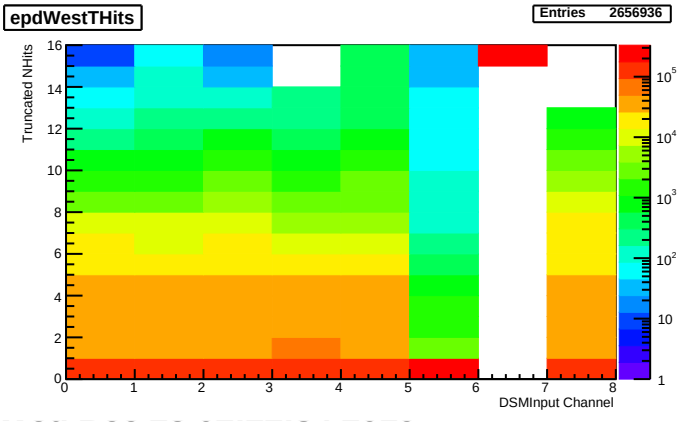
Data-Simu
DSM Input Channel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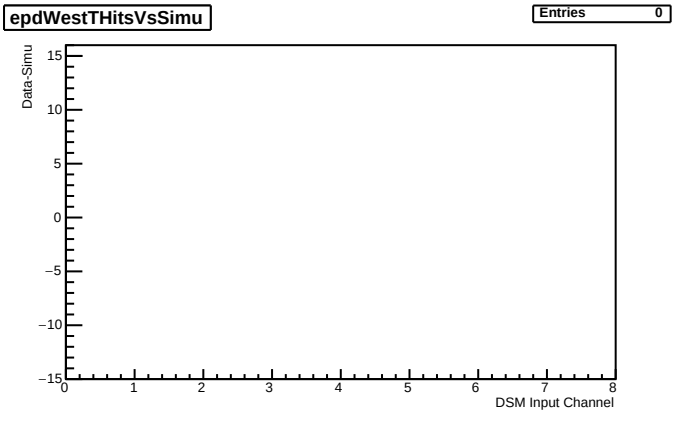
Entries 2656936
Truncated NHits
DSMInput Channel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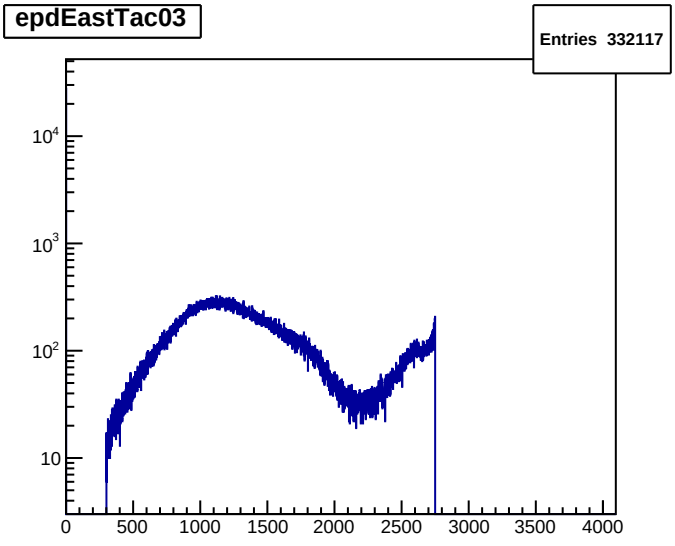
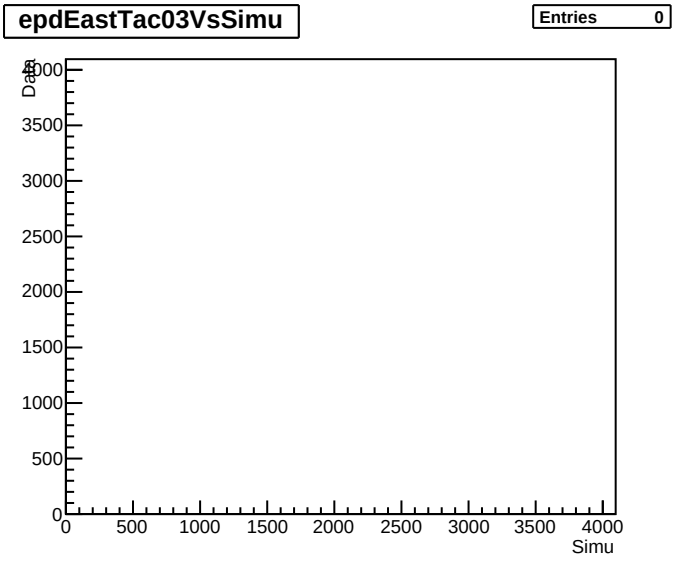
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 332117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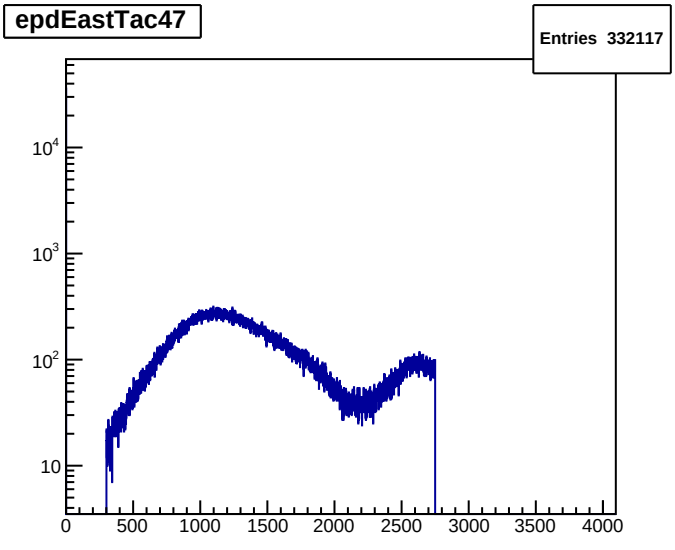
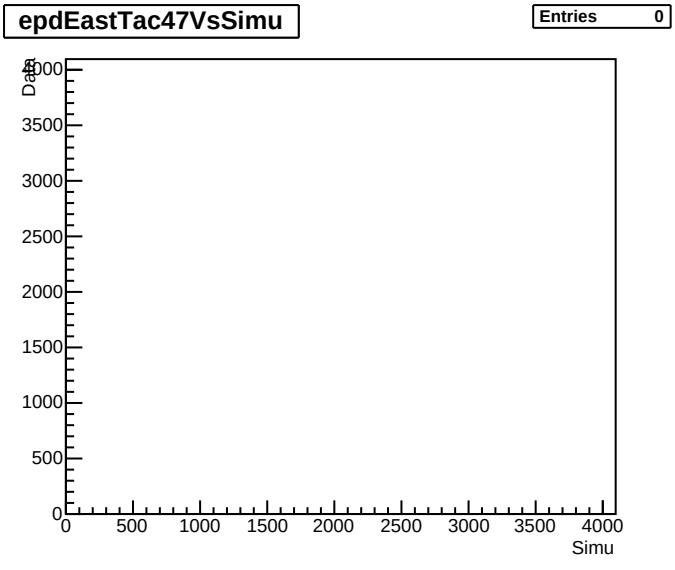
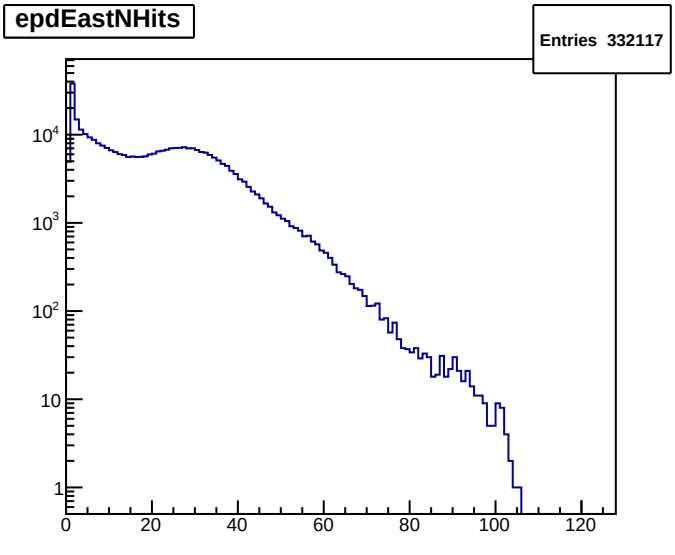
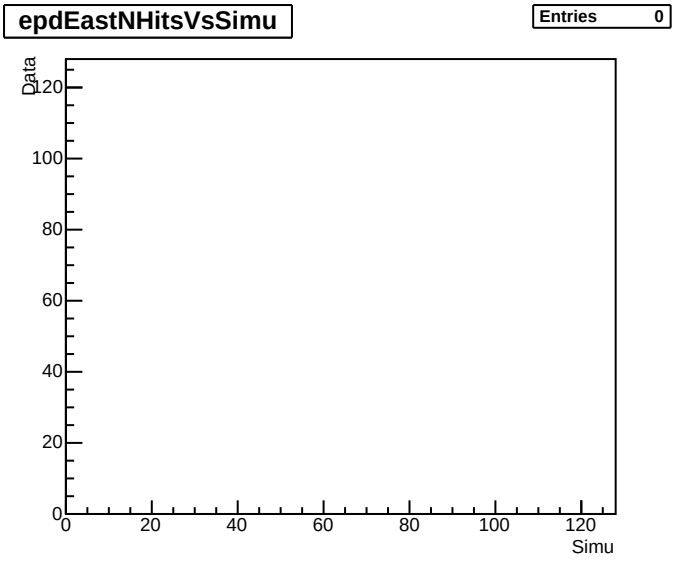
Entries 0
Data
Simu


epdEastTac47
Entries 332117


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 332117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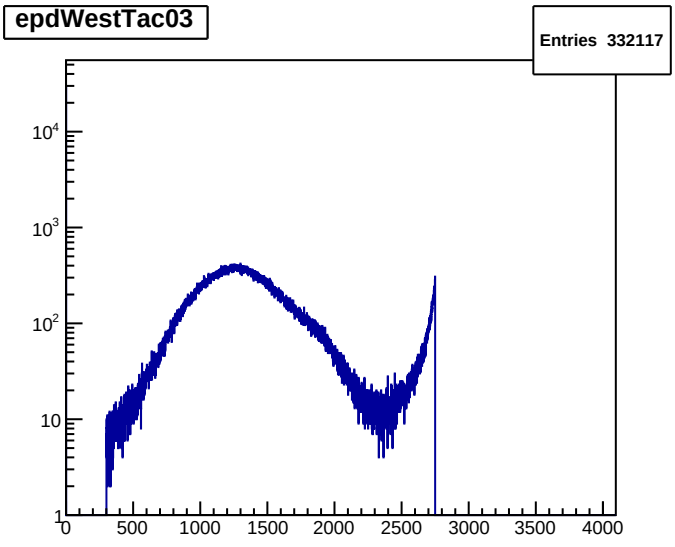
Entries 0
Data
Simu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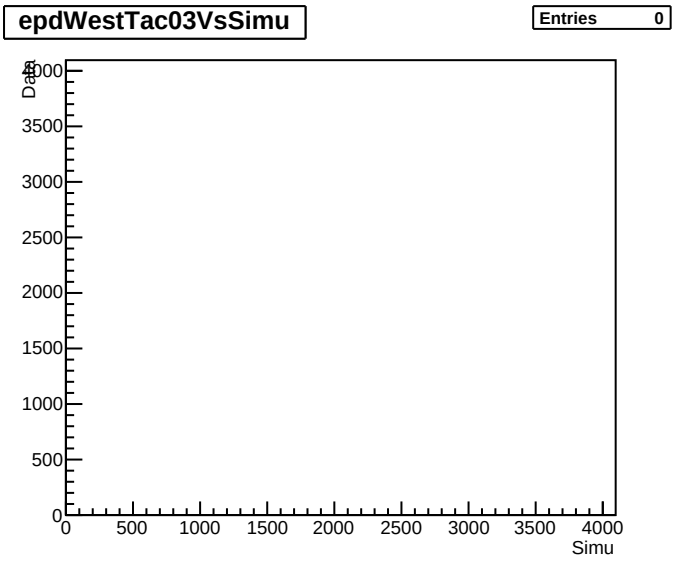
Entries 332117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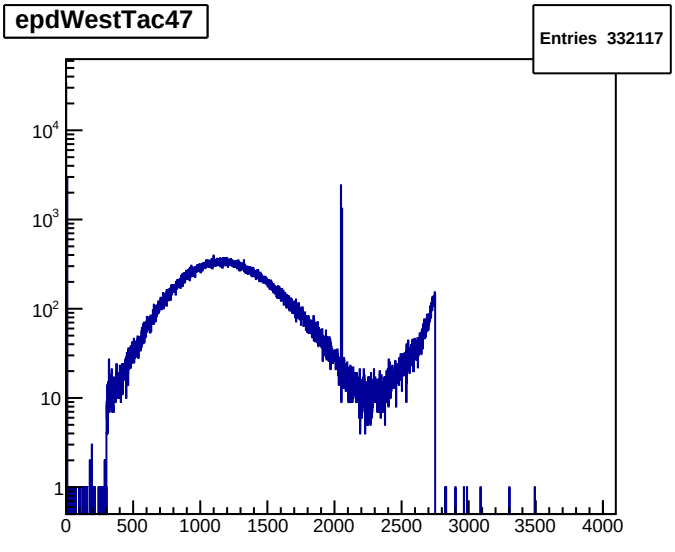
Entries 0
Data
Simu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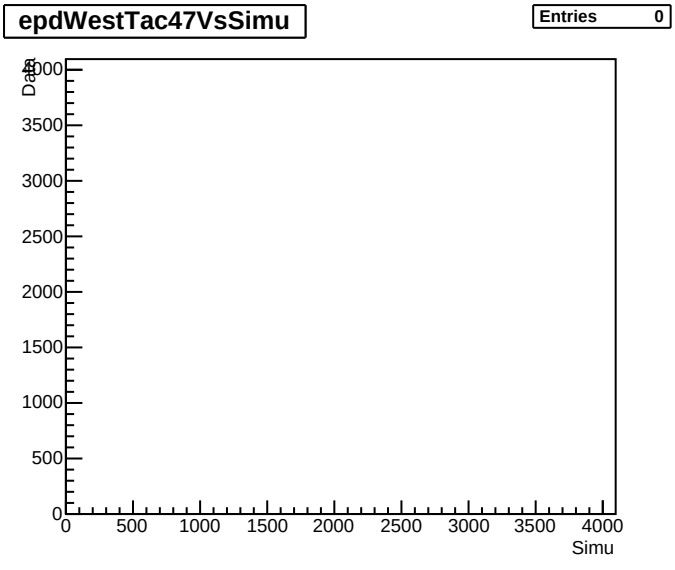
Entries 332117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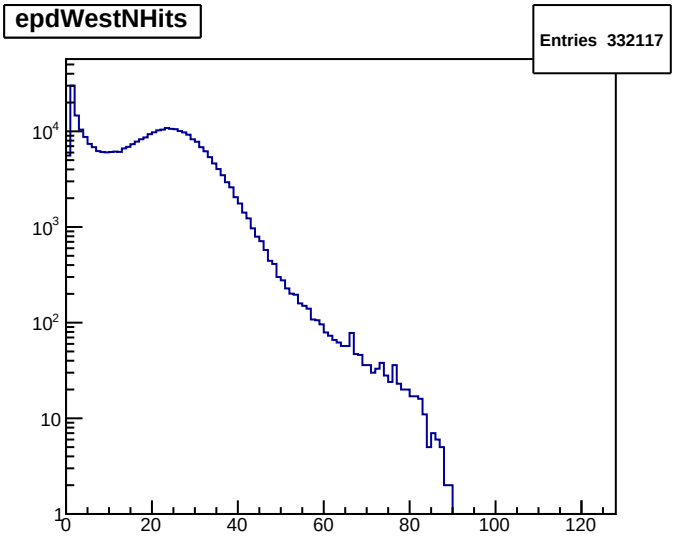
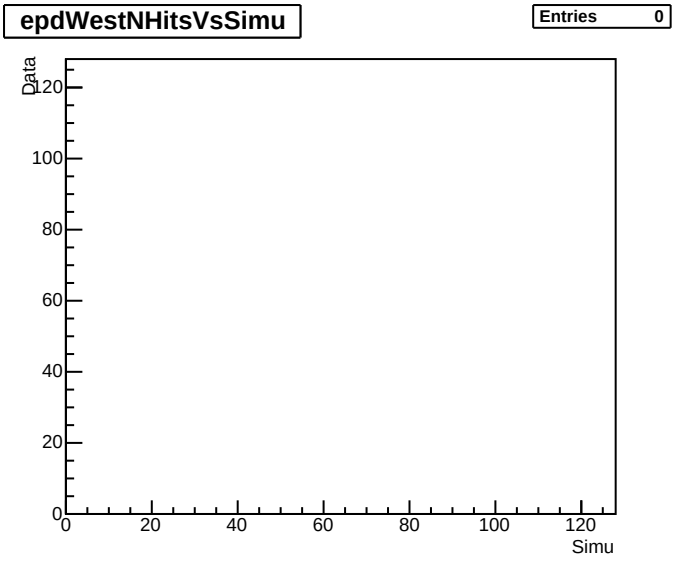
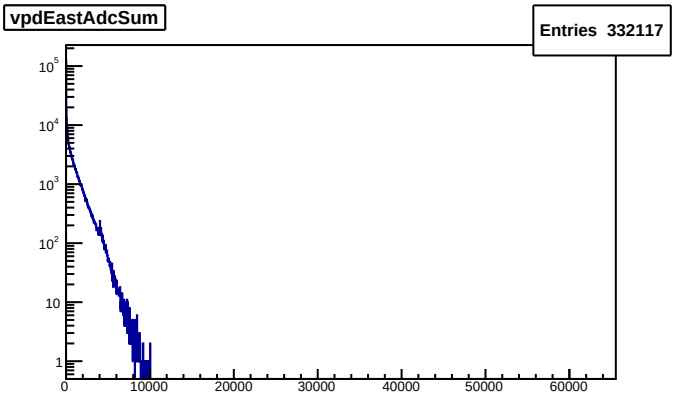
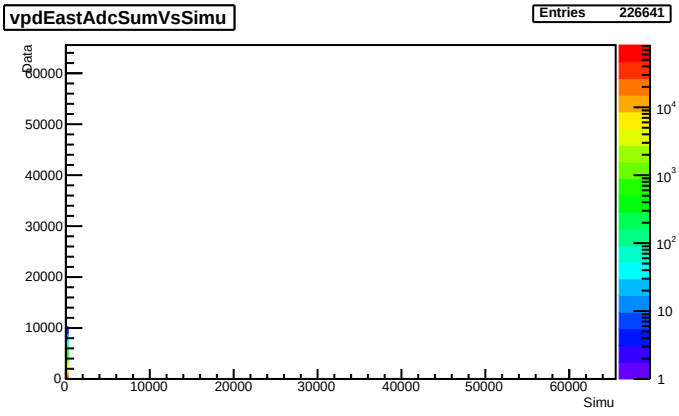
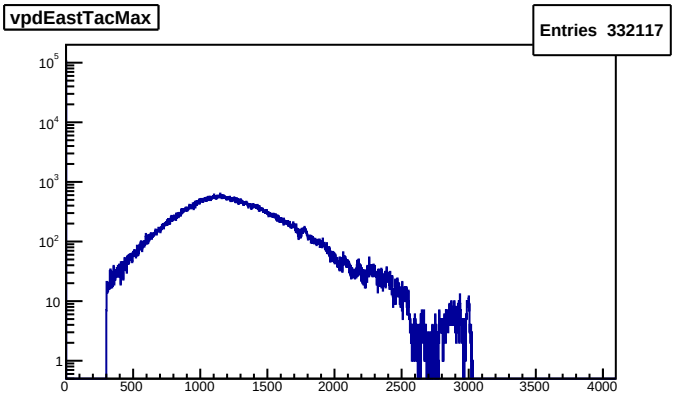
Entries 0
Data
Simu

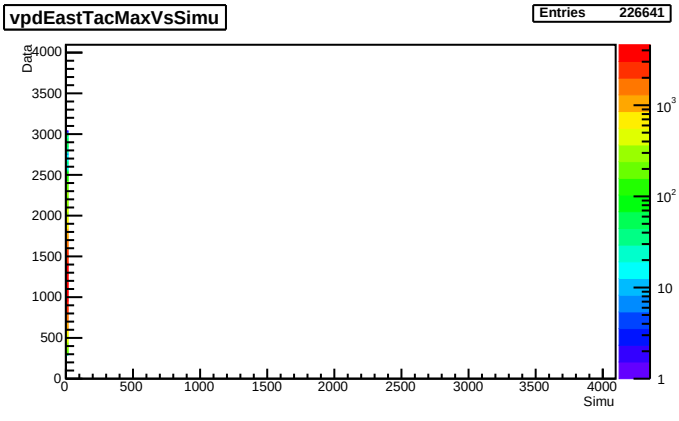

epdWestNHits
Entries 332117

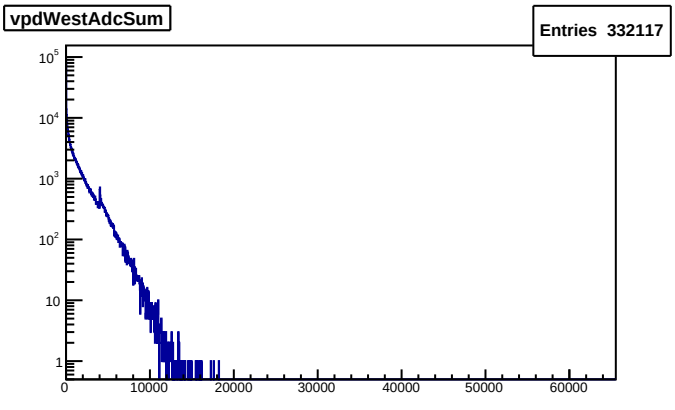

epdWestNHitsVsSimu
Entries 0
Data
Simu

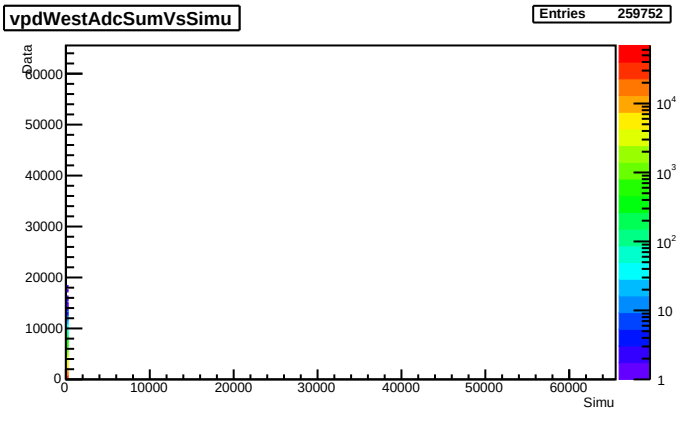

vpdEastAdcSum
Entries 332117

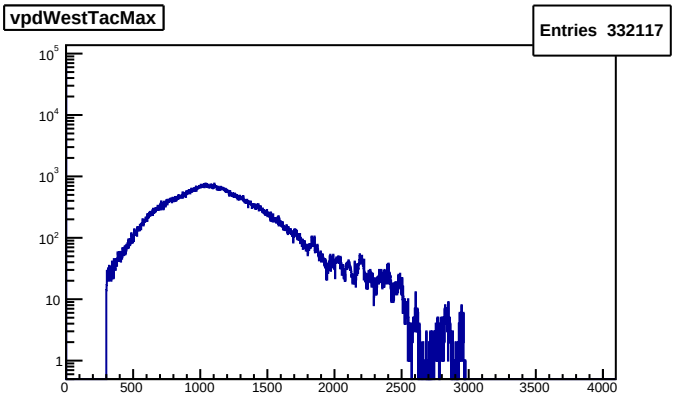

vpdEastAdcSumVsSimu
Entries 226641
Data
Simu

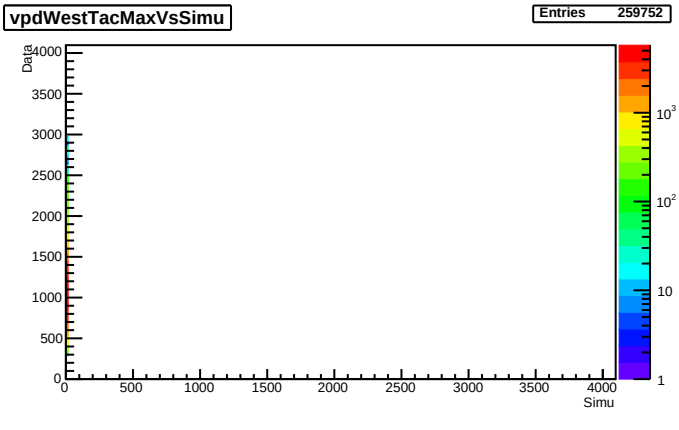

vpdEastTacMax
Entries 332117

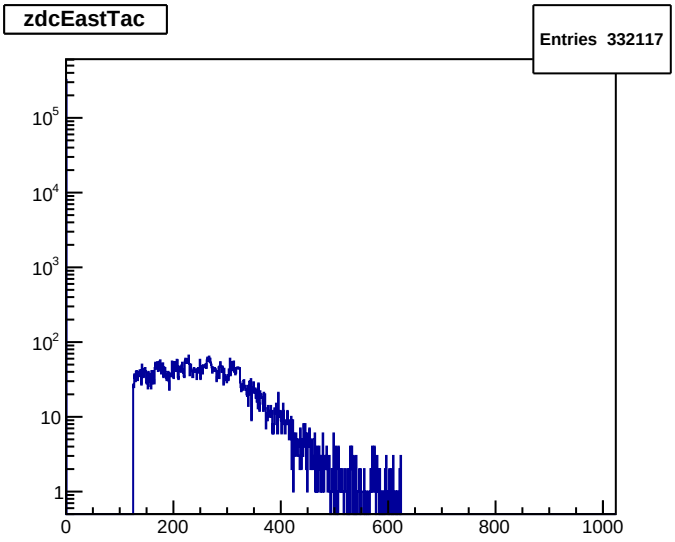

vpdEastTacMaxVsSimu
Entries 226641
Data
Simu

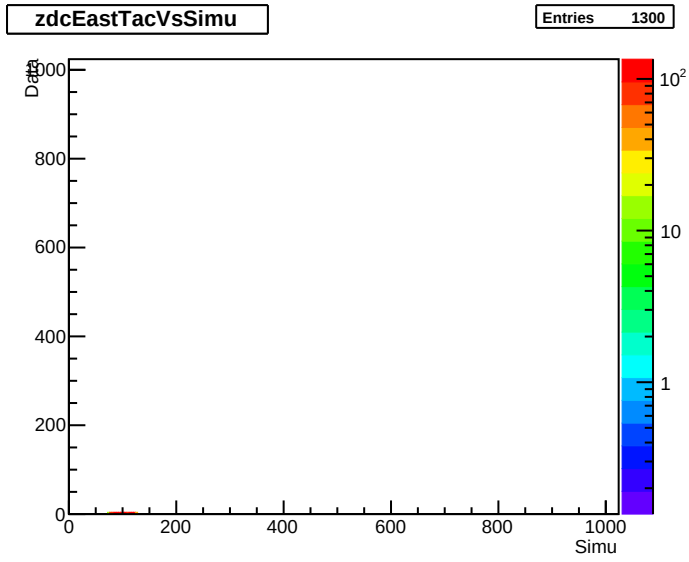

vpdWestAdcSum
Entries 332117

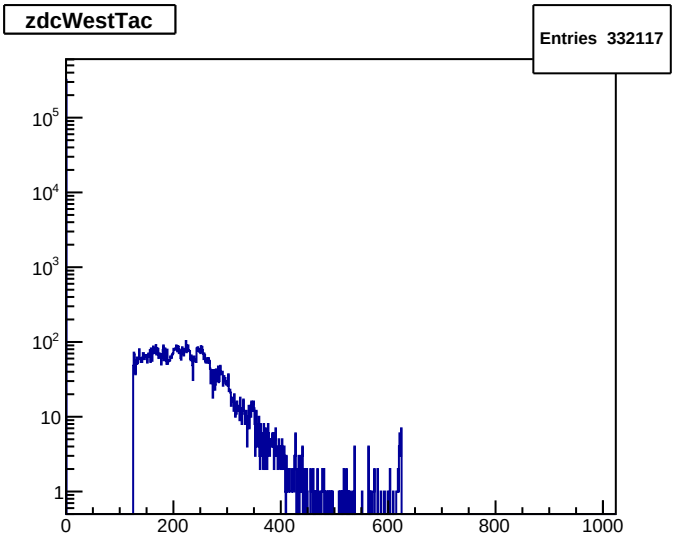

vpdWestAdcSumVsSimu
Entries 259752
Data
Simu

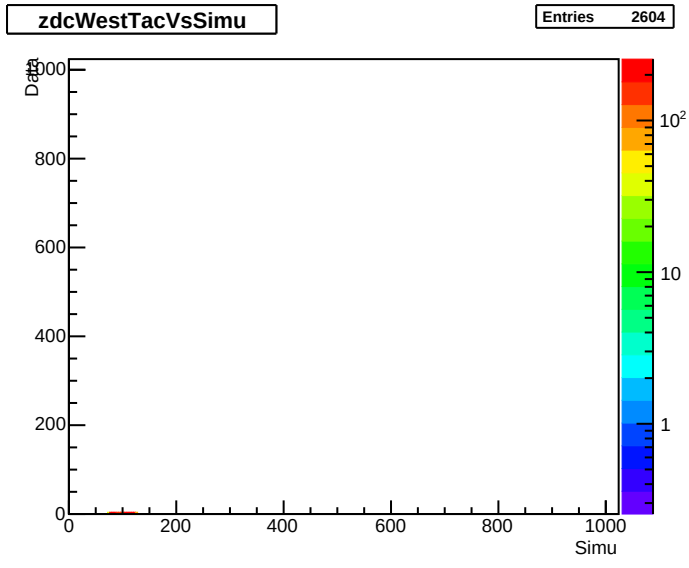

vpdWestTacMax
Entries 332117

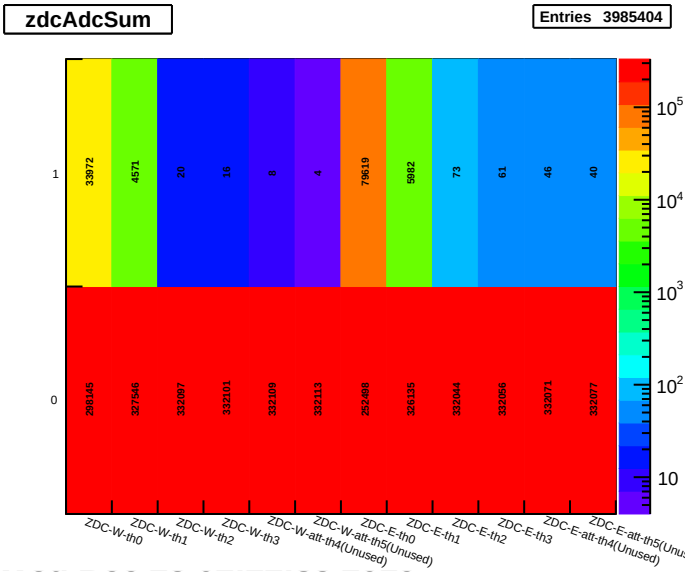

vpdWestTacMaxVsSimu
Entries 259752
Data
Simu

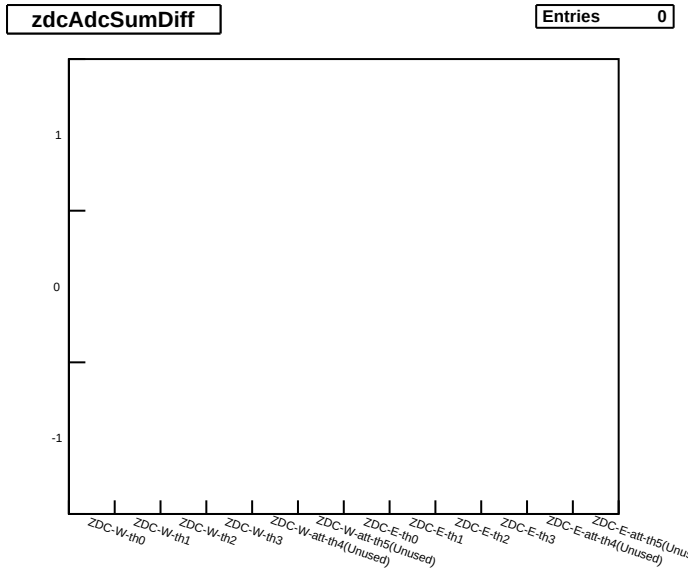

zdcEastTac
Entries 332117

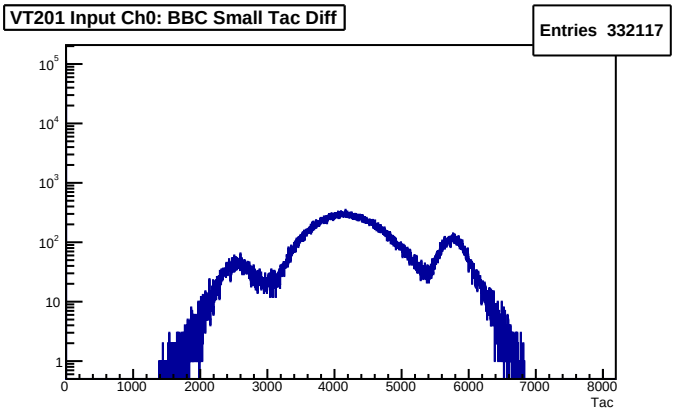

zdcEastTacVsSimu
Entries 1300
Data
Simu

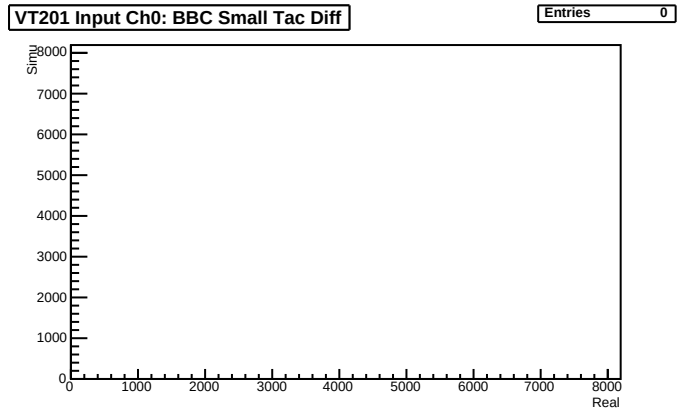

zdcWestTac
Entries 332117

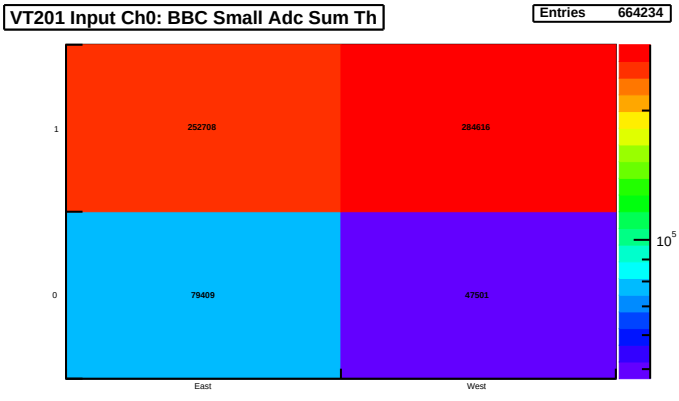

zdcWestTacVsSimu
Entries 2604
Data
Simu

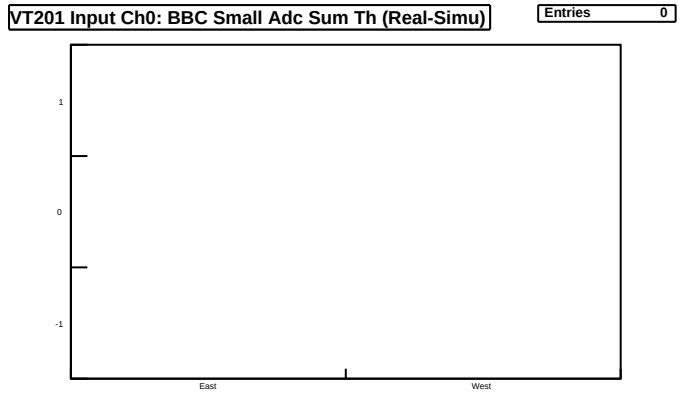

zdcAdcSum
Entries 3985404
33972
4571
20
16
8
4
79619
5982
73
61
46
40
298145
327546
332097
332101
332109
332113
252498
326135
332044
332056
332071
332077
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

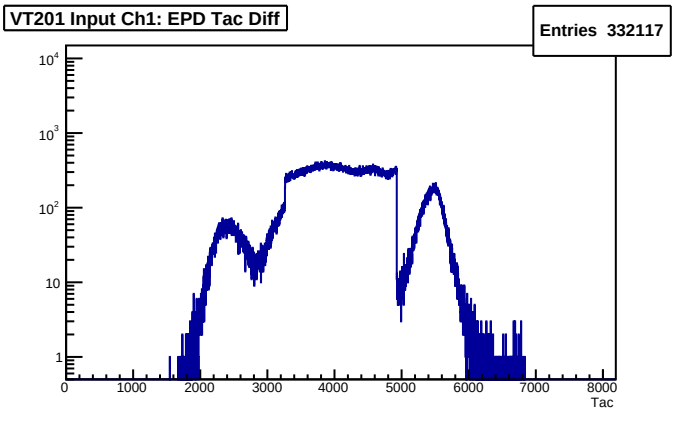

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

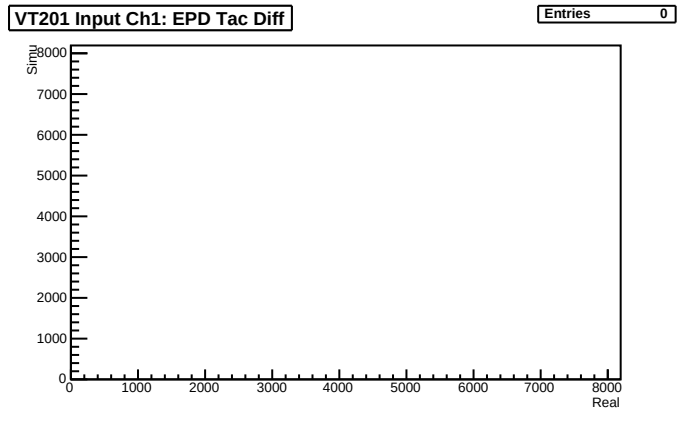

VT201 Input Ch0: BBC Small Tac Diff
Entries 332117
Tac

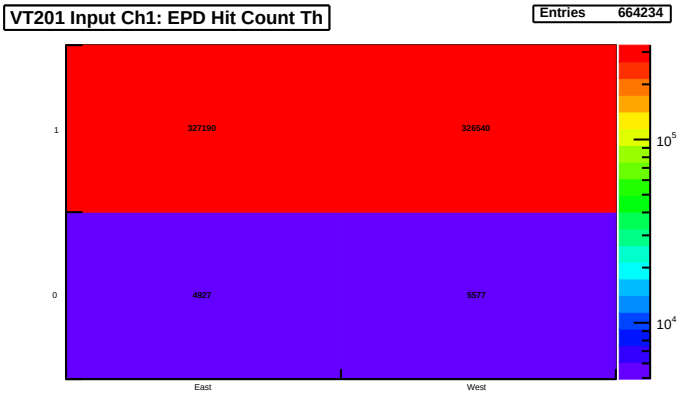

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

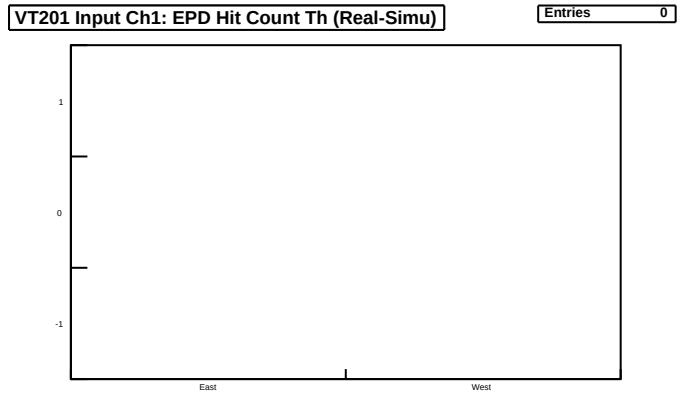

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 664234
252708
284616
79409
47501
East
West

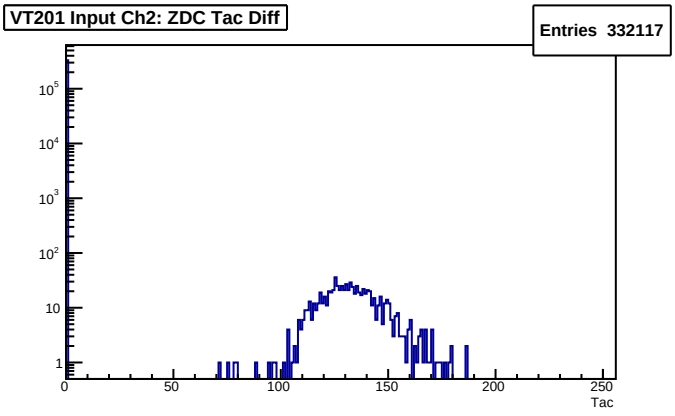

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

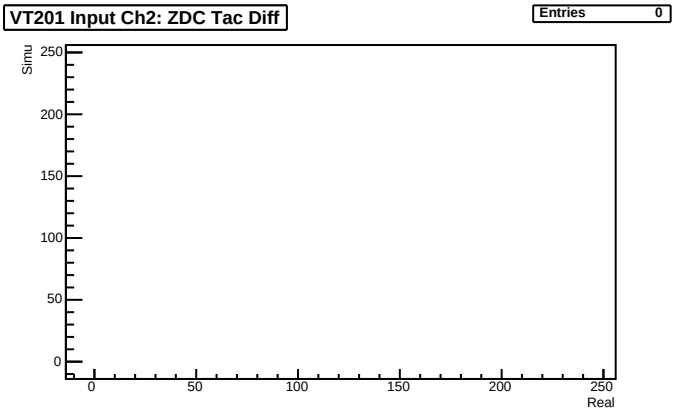

VT201 Input Ch1: EPD Tac Diff
Entries 332117
Tac

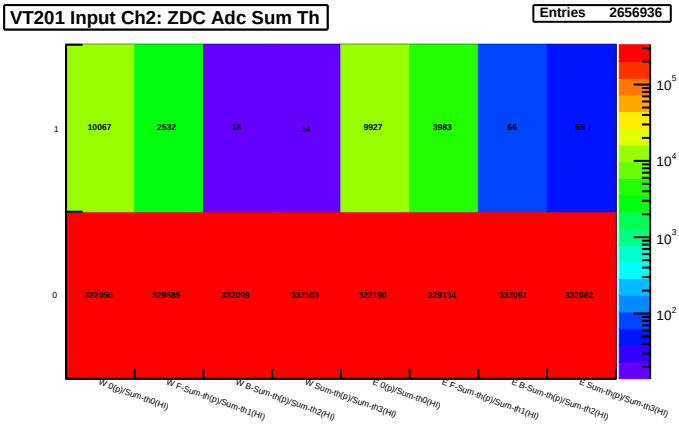

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

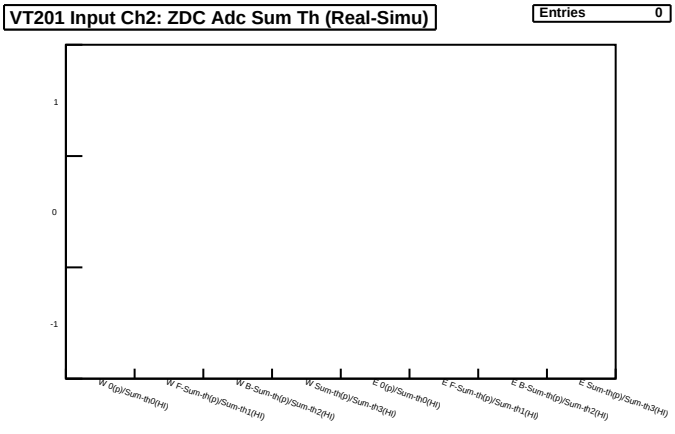

VT201 Input Ch1: EPD Hit Count Th
Entries 664234
327190
326540
4927
5577
East
West

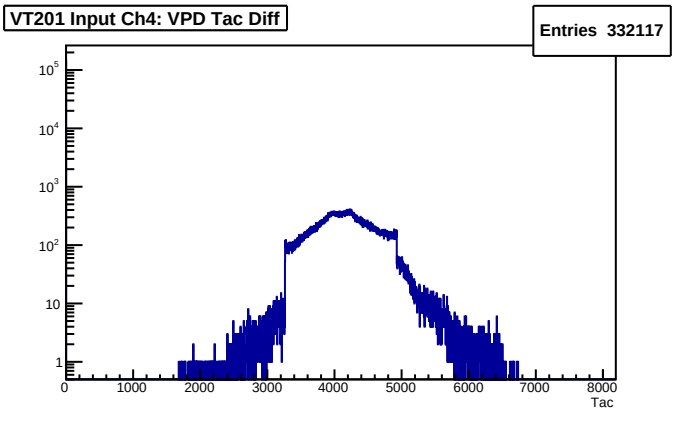

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

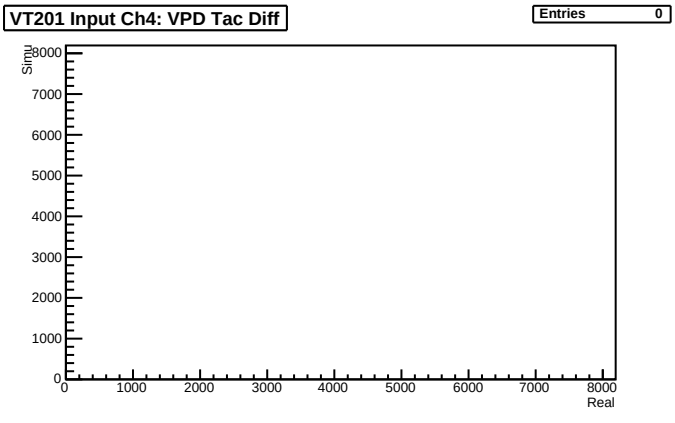

VT201 Input Ch2: ZDC Tac Diff
Entries 332117
Tac

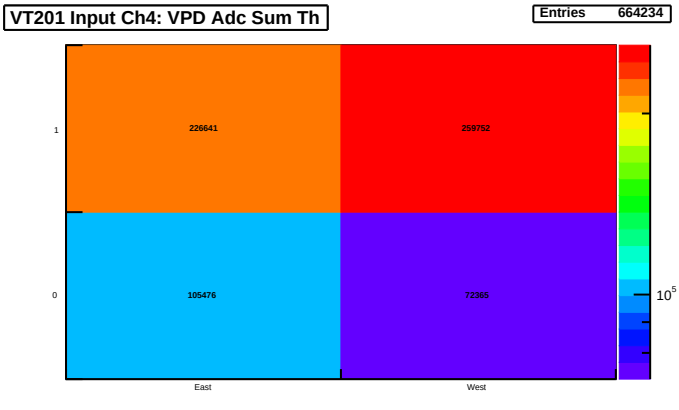

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

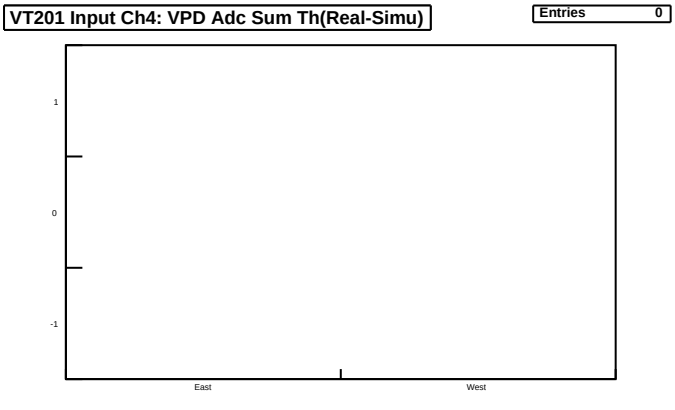

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2656936
10067
2532
18
14
9927
3983
66
55
322050
329585
332099
332103
322190
328134
332051
332062
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

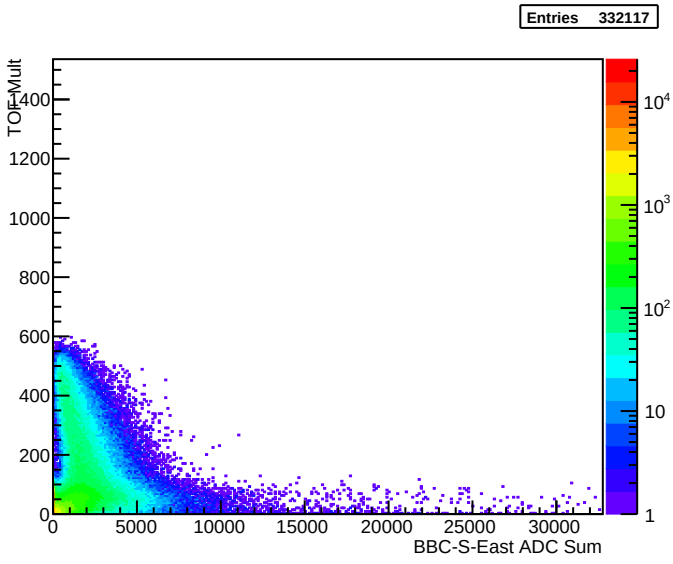

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

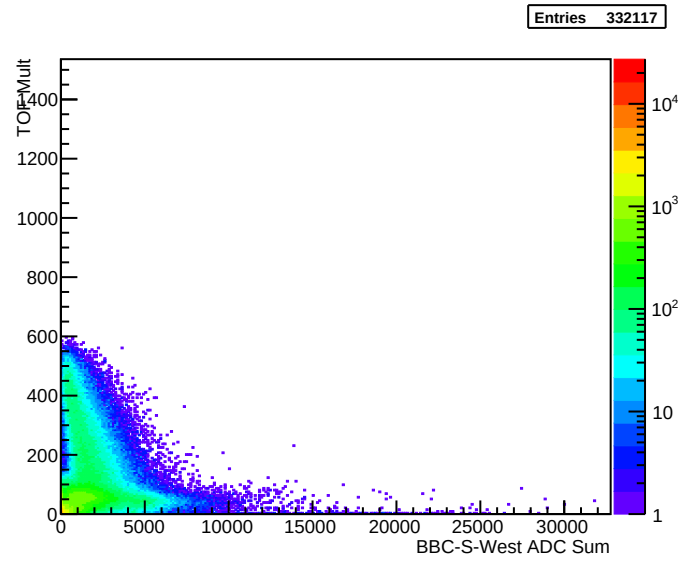

VT201 Input Ch4: VPD Tac Diff
Entries 332117
Tac

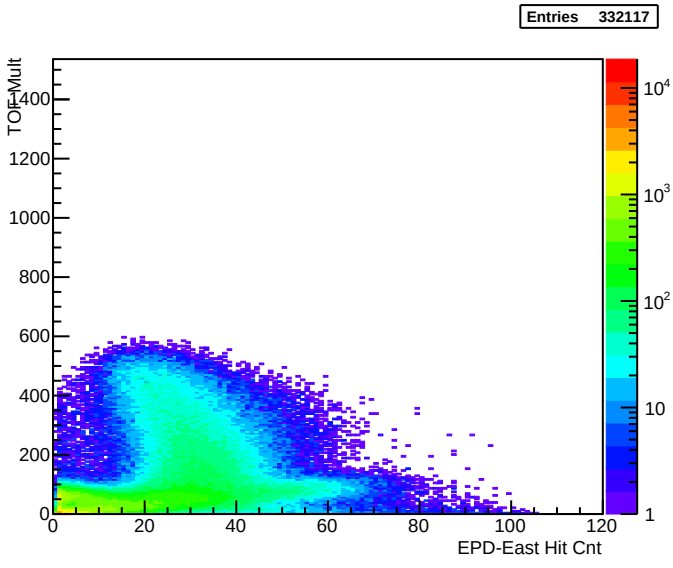

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

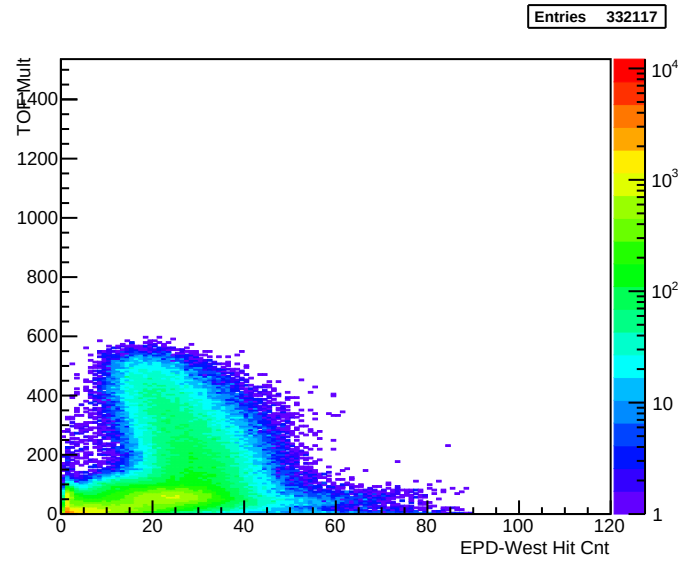

VT201 Input Ch4: VPD Adc Sum Th
Entries 664234
226641
259752
105476
72365
East
West

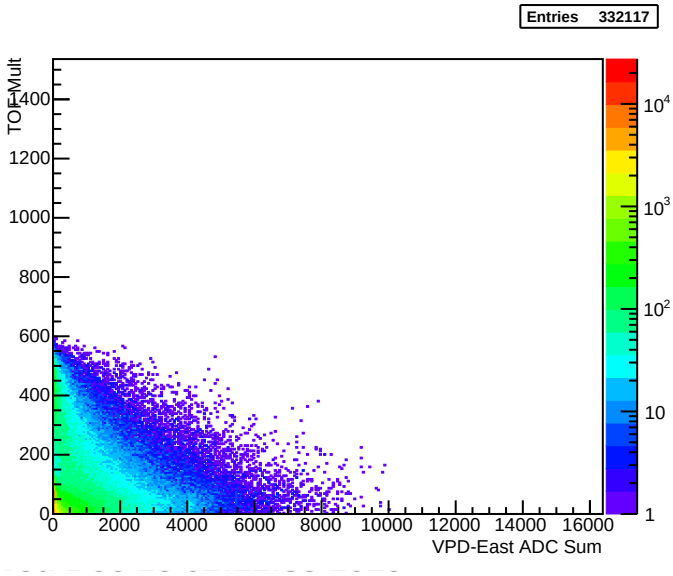

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

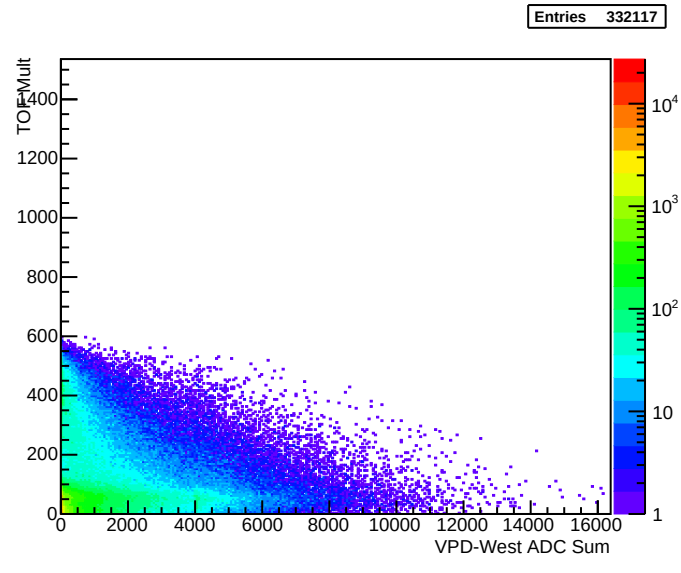

Entries 332117
TOF-Mult
BBC-S-East ADC Sum

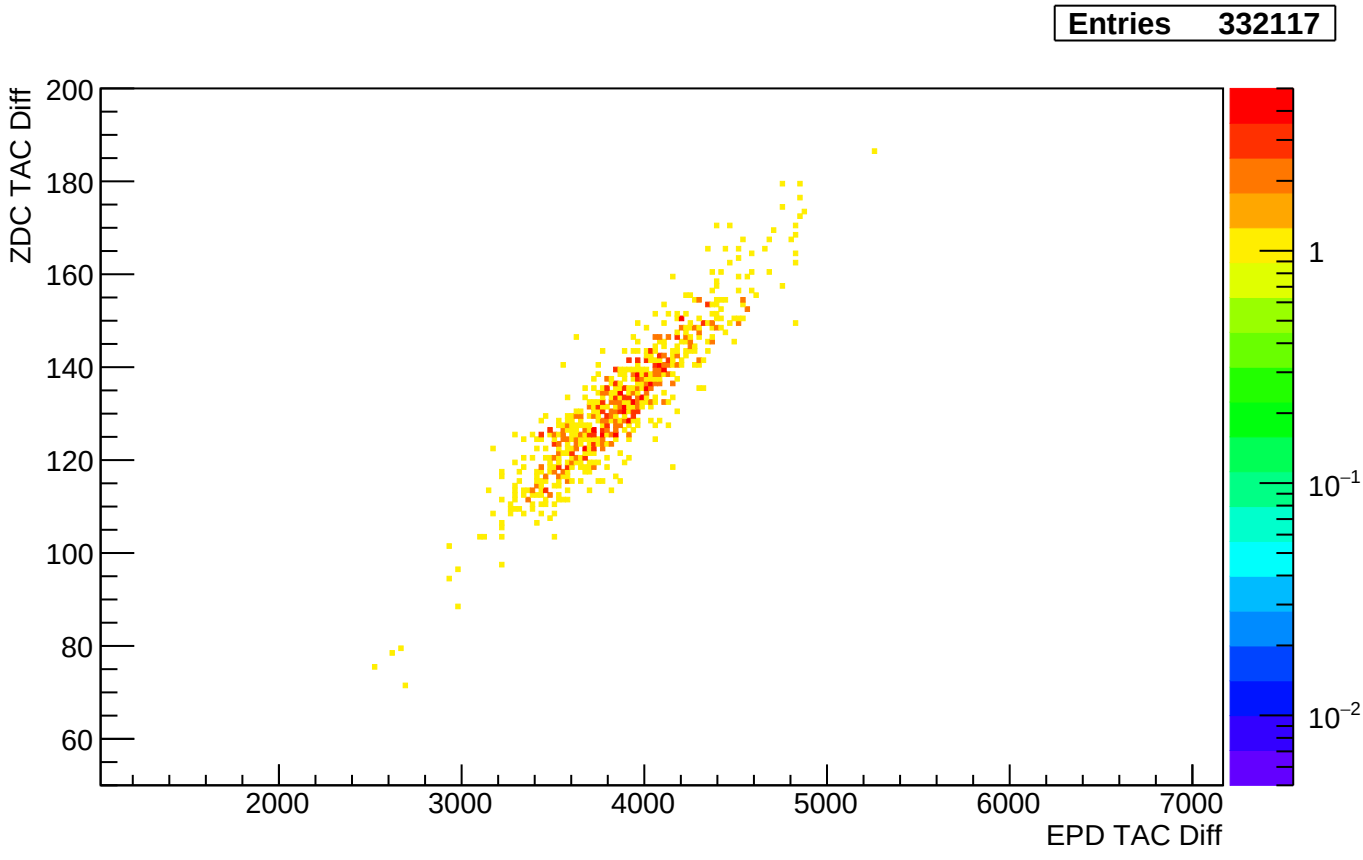

Entries 332117
TOF-Mult
BBC-S-West ADC Sum

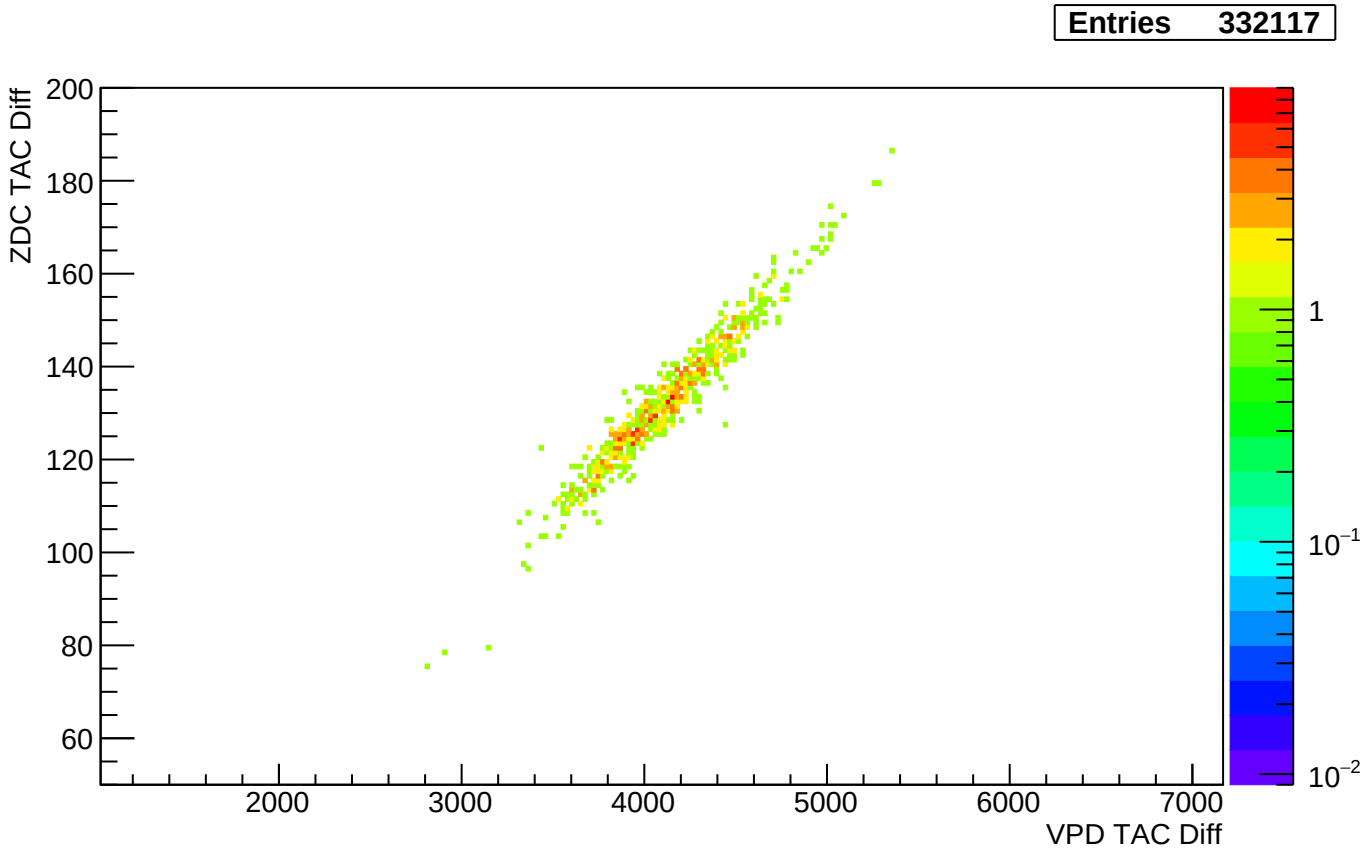

Entries 332117
TOF-Mult
EPD-East Hit Cnt

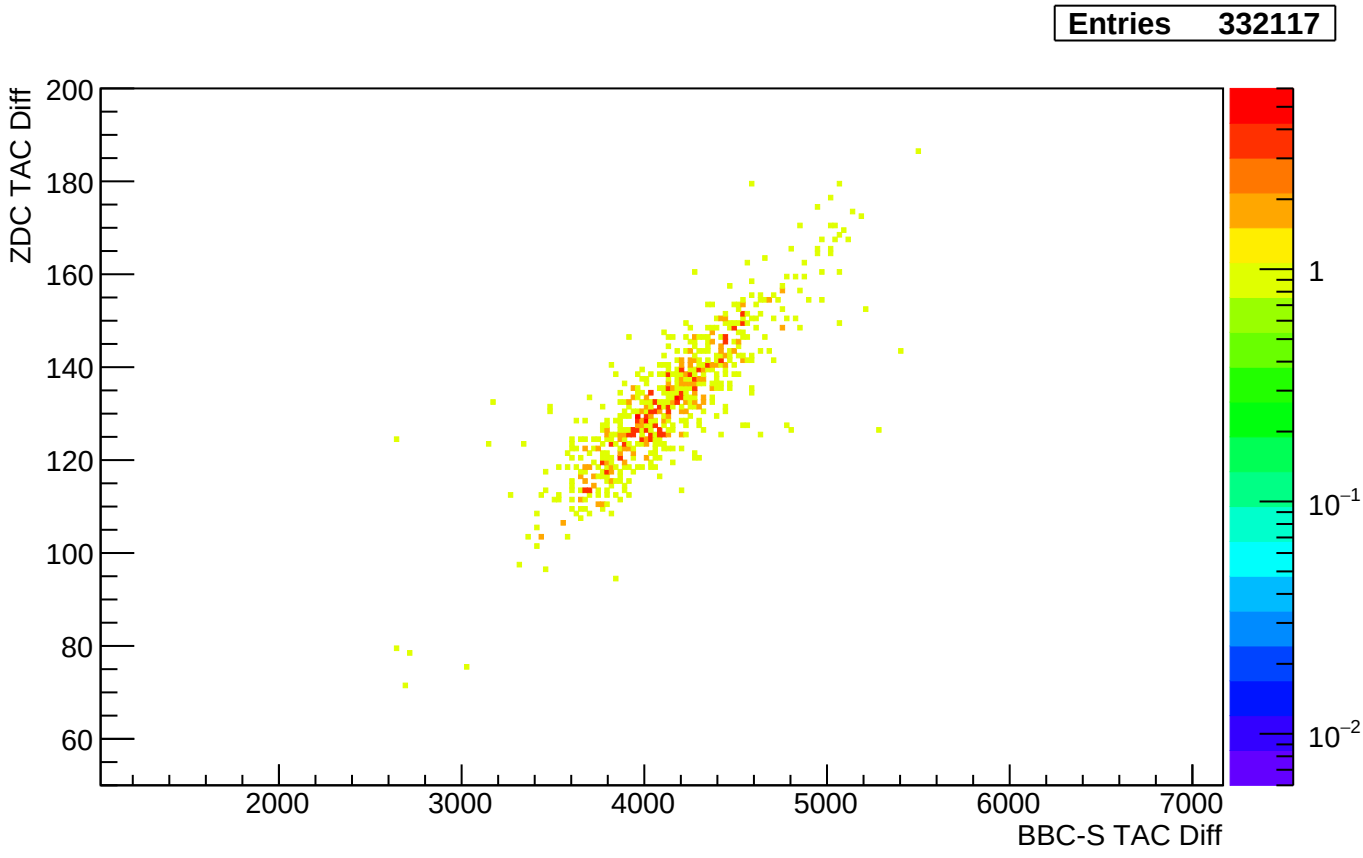

Entries 332117
TOF-Mult
EPD-West Hit Cnt

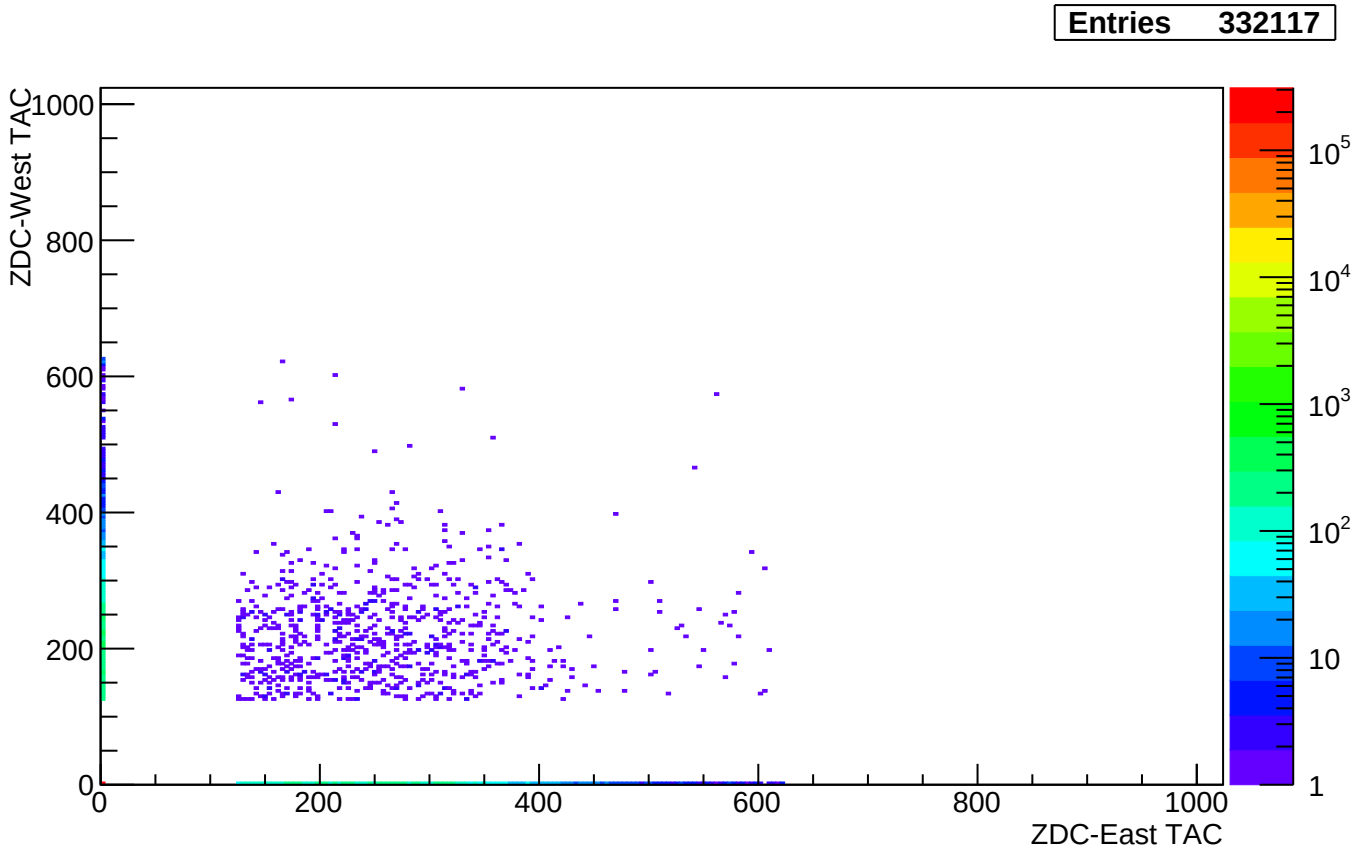

Entries 332117
TOF-Mult
VPD-East ADC Sum

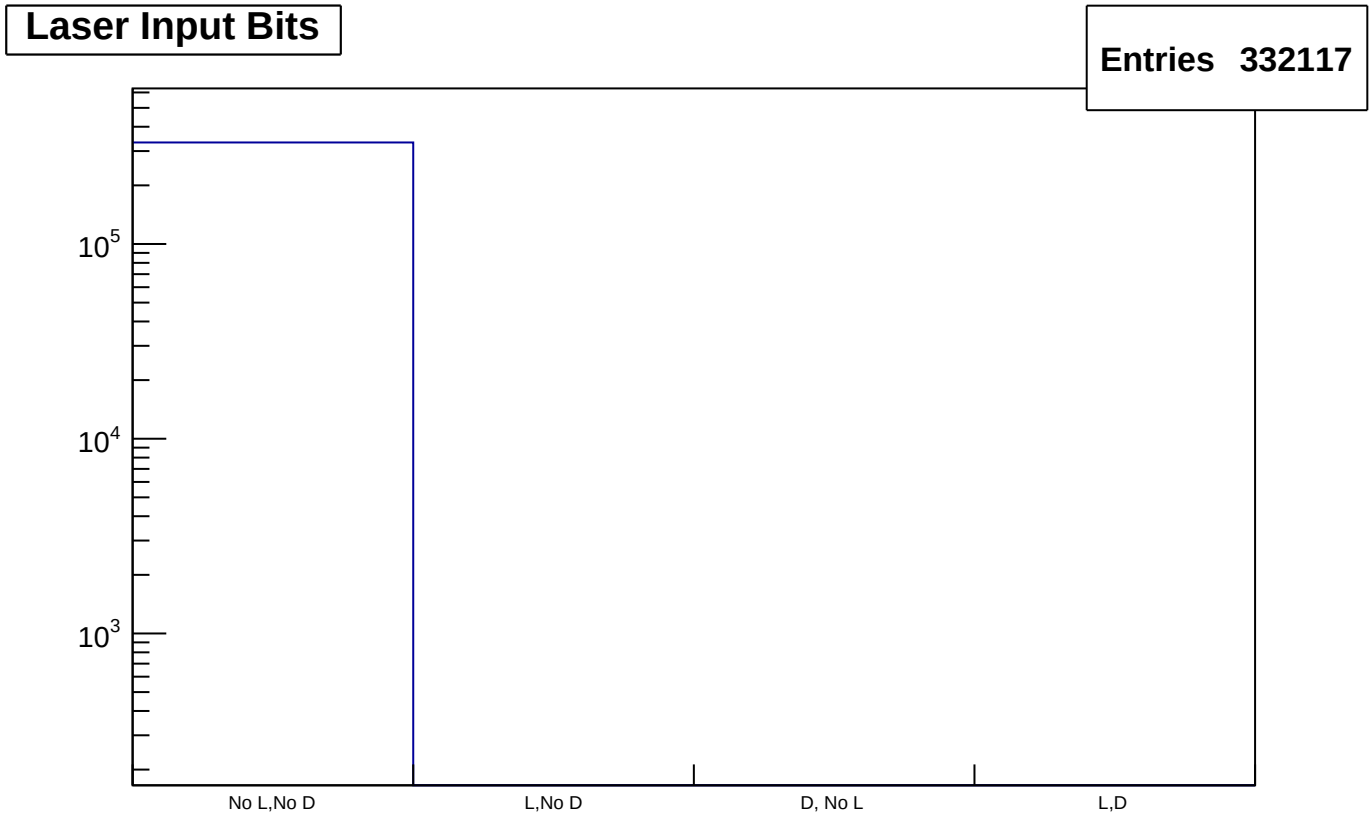

Entries 332117
TOF-Mult
VPD-West ADC Sum

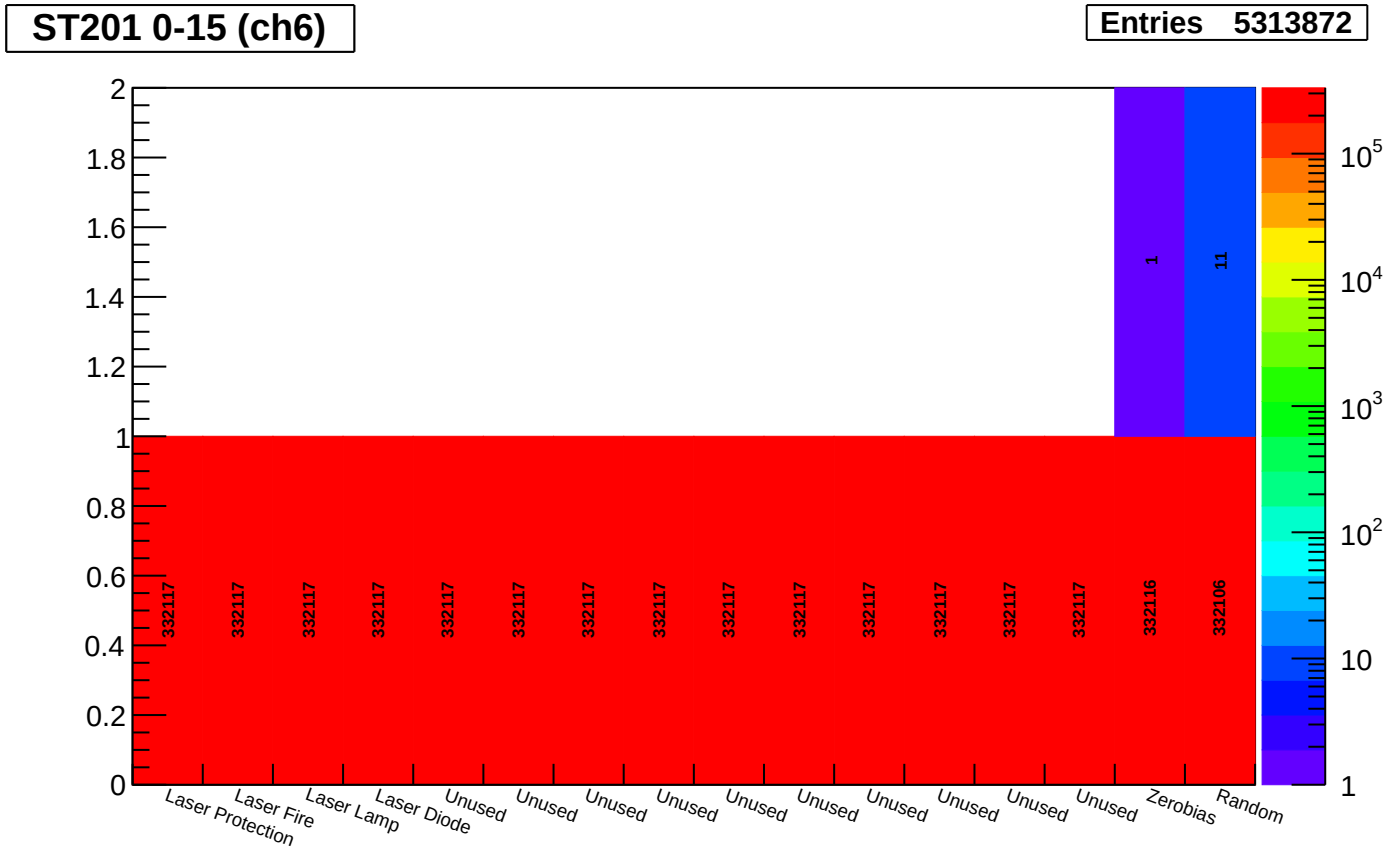

Entries 332117
ZDC TAC Diff
EPD TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

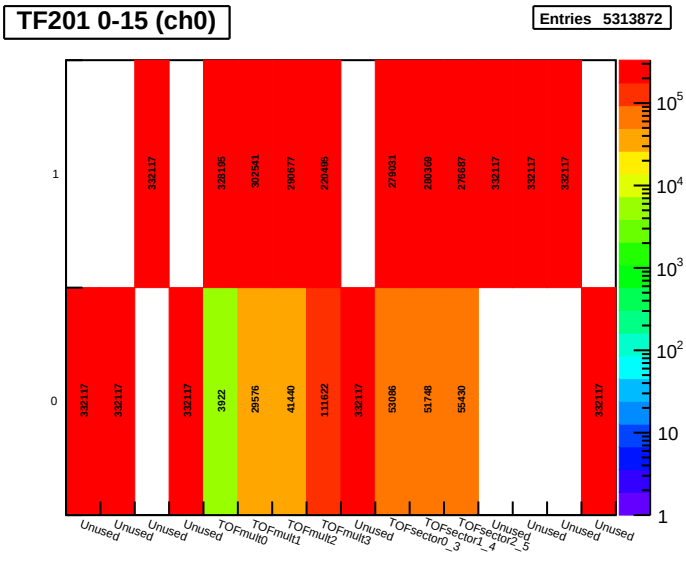

Entries 332117
ZDC TAC Diff
VPD TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

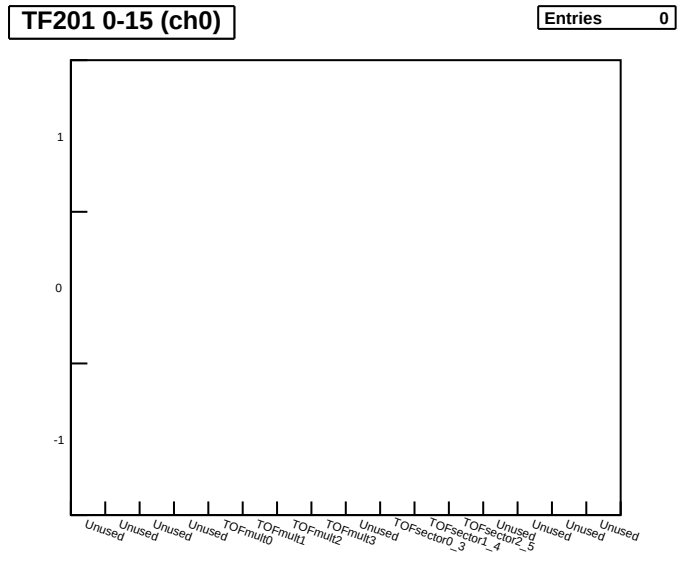

Entries 332117
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

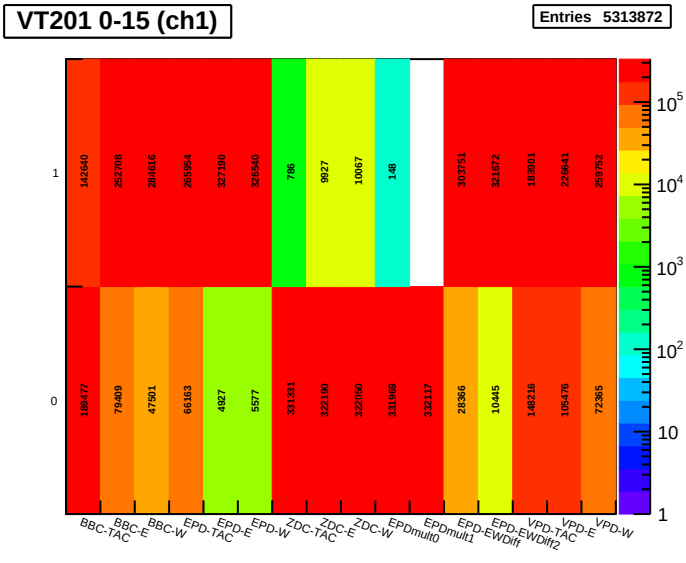

Entries 332117
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

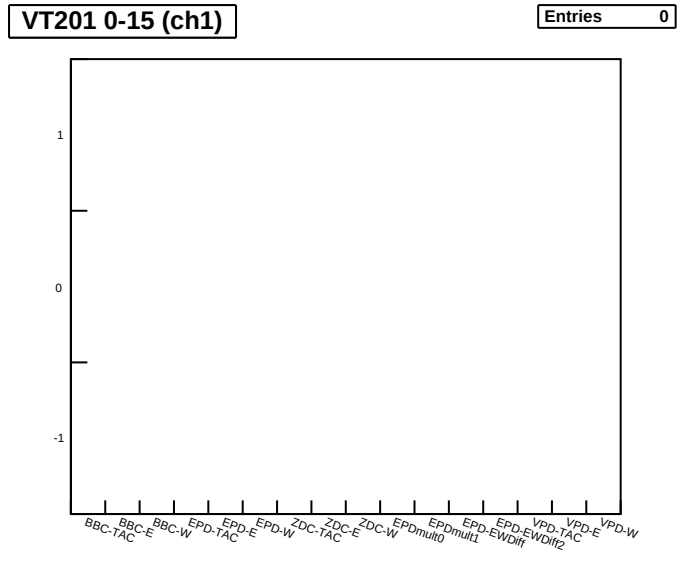

Laser Input Bits
Entries 332117
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

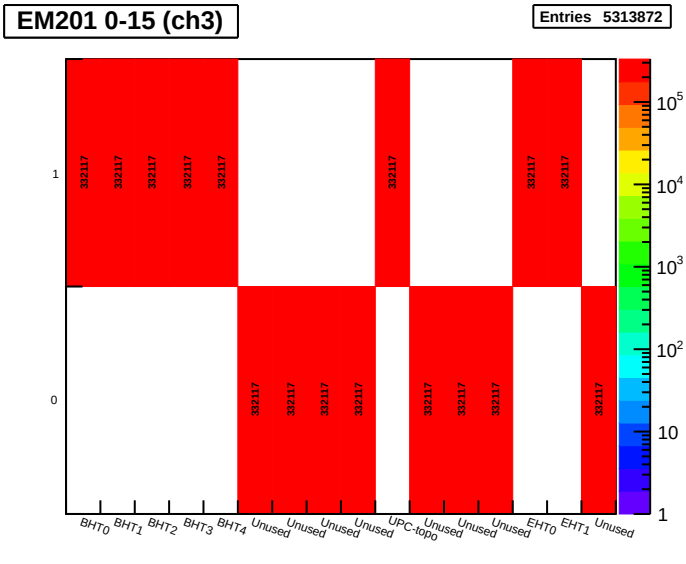

ST201 0-15 (ch6)
Entries 5313872
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
332117
332117
332117
332117
332117
332117
332117
332117
332117
332117
332117
332117
332117
332116
332106
1
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

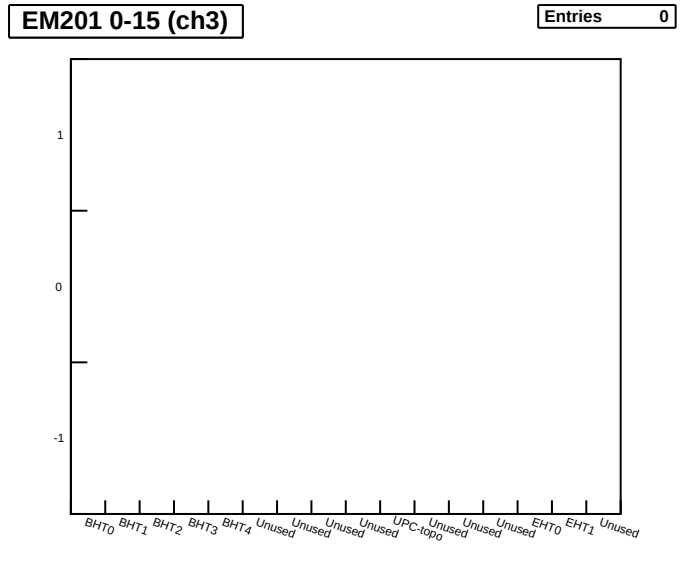

TF201 0-15 (ch0)
Entries 5313872
1
0
332117
328195
302541
280677
220485
279031
280369
276687
332117
332117
332117
332117
332117
332117
332117
3922
29576
41440
111622
332117
53086
51748
55430
332117
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
1
10
10^2
10^3
10^4
10^5


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


VT201 0-15 (ch1)
Entries 5313872
1
0
142640
252708
284616
265954
327190
326540
786
9927
10067
148
303751
321672
183901
226641
259752
148477
79409
47501
66163
4927
5577
331331
322190
322050
331969
332117
28366
10445
148216
105476
72365
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
1
10
10^2
10^3
10^4
10^5


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 5313872
1
0
332117
332117
332117
332117
332117
332117
332117
332117
332117
332117
332117
332117
332117
332117
332117
332117
332117
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
1
10
10^2
10^3
10^4
10^5


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