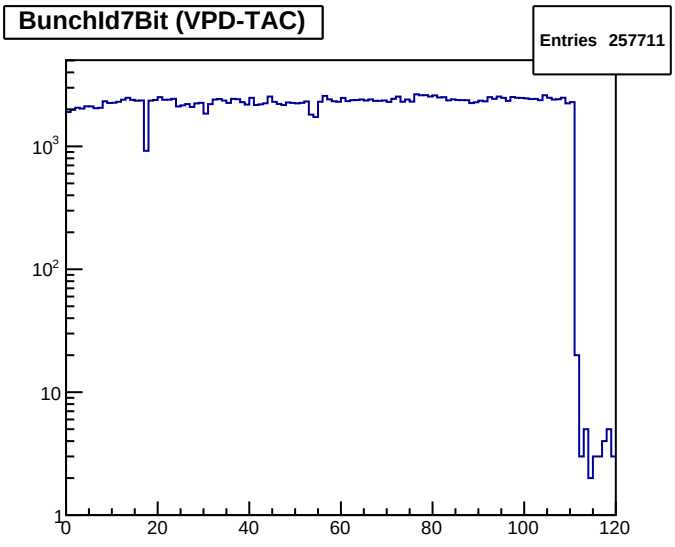
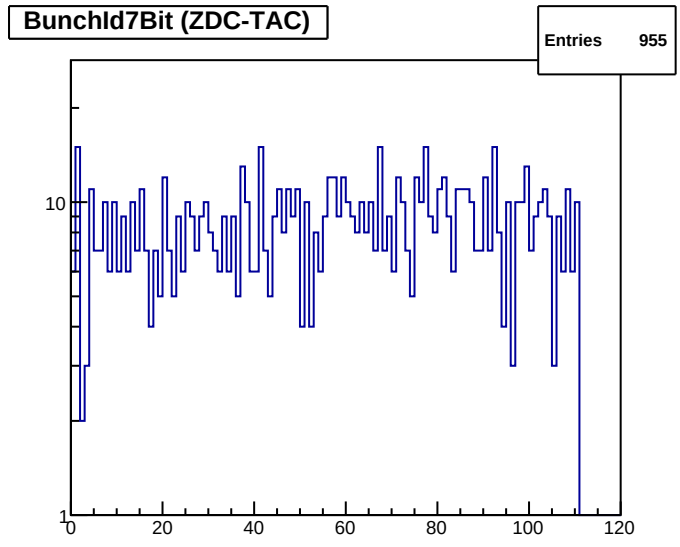
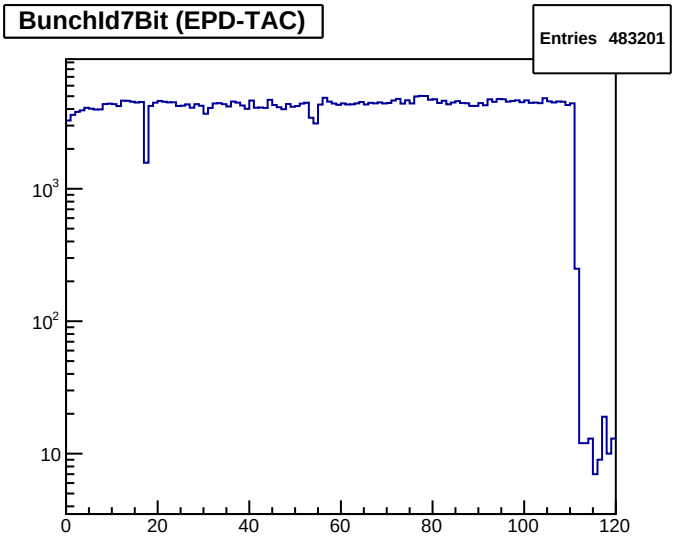
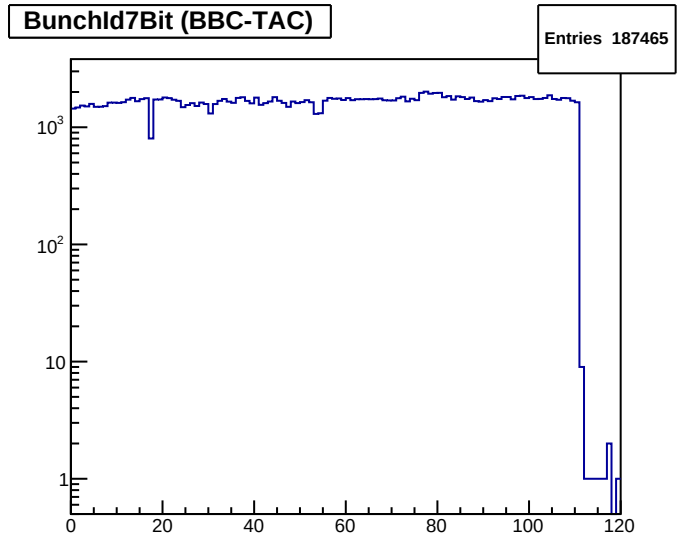
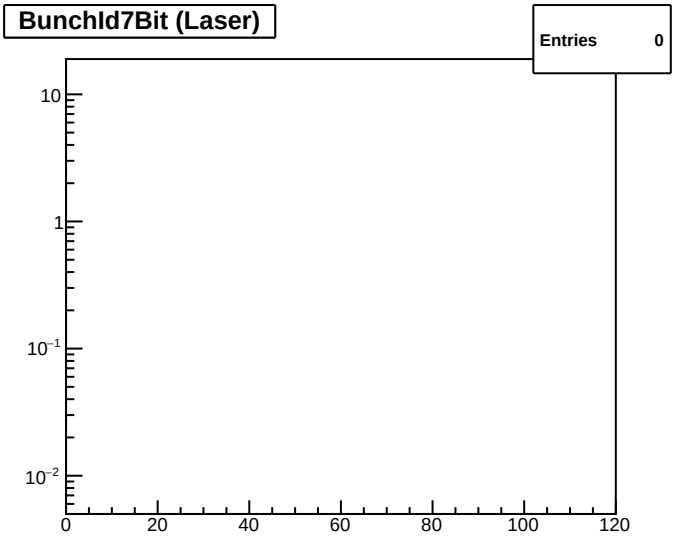
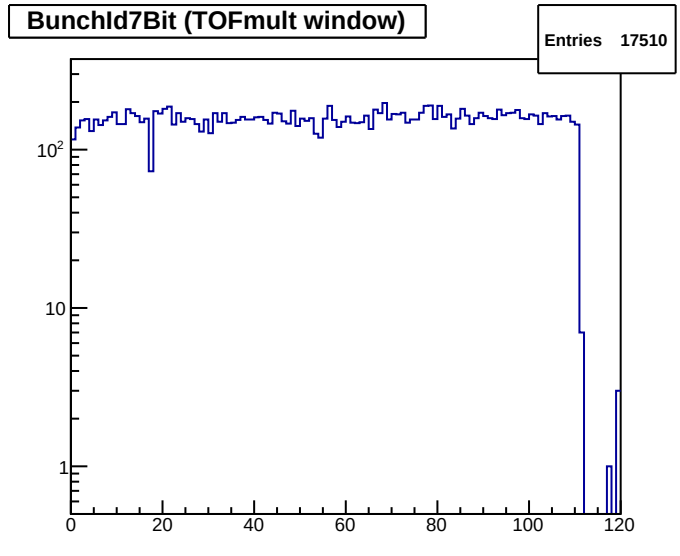

BunchId7Bit (VPD-TAC)
Entries 257711

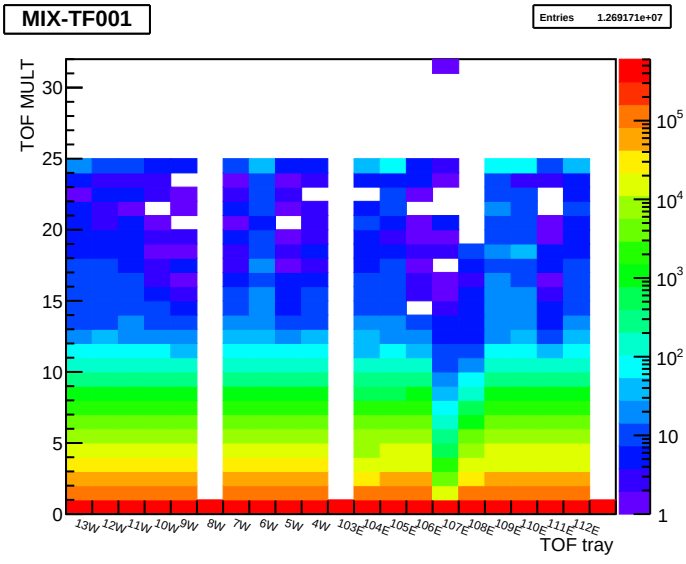

BunchId7Bit (ZDC-TAC)
Entries 955

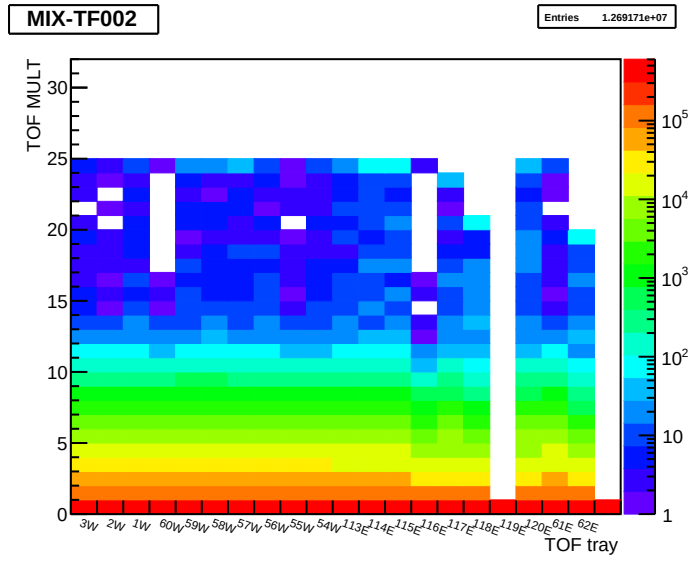

BunchId7Bit (EPD-TAC)
Entries 483201

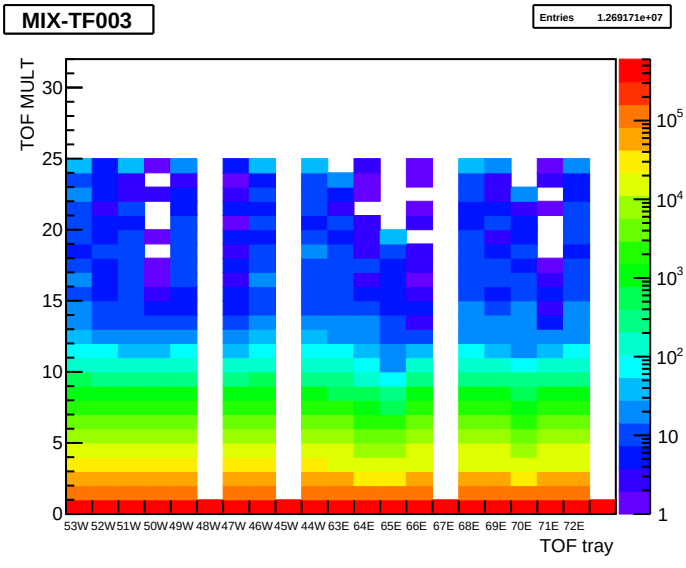

BunchId7Bit (BBC-TAC)
Entries 187465

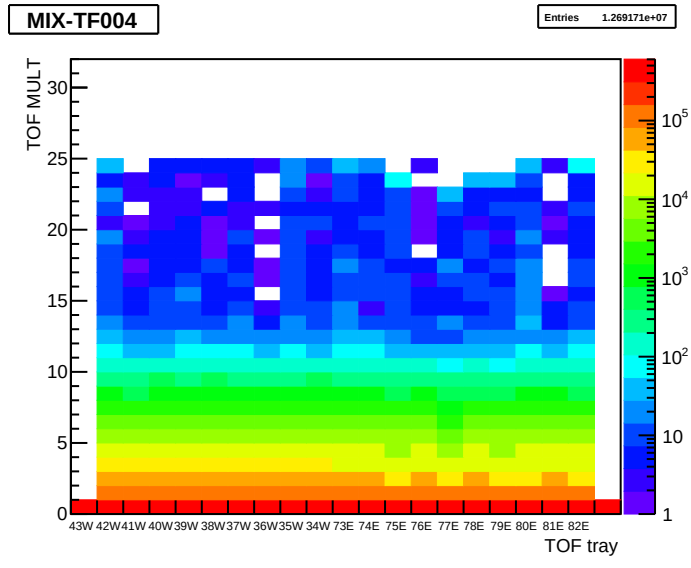

BunchId7Bit (Laser)
Entries 0

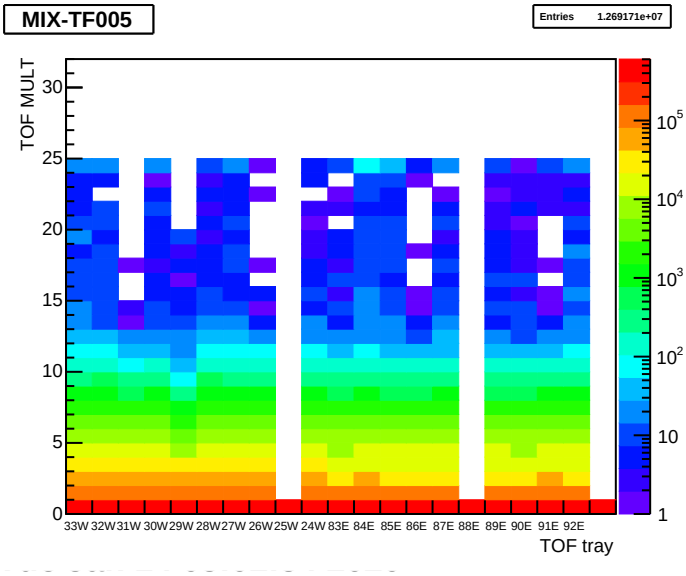

BunchId7Bit (TOFmult window)
Entries 17510

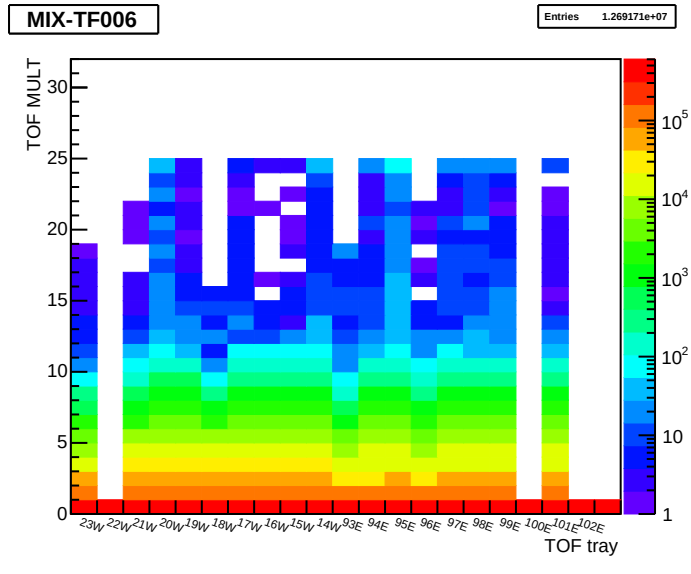

MIX-TF001
Entries 1.269171e+07
TOF MULT
TOF tray

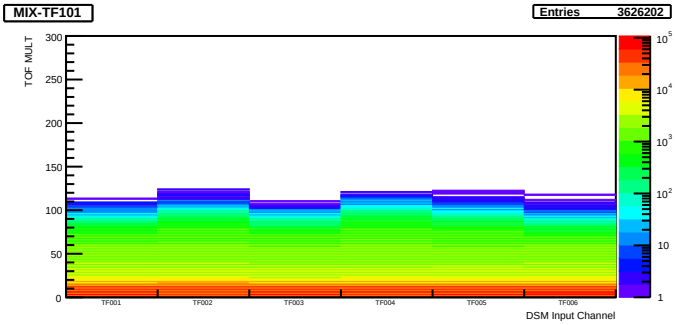

MIX-TF002
Entries 1.269171e+07
TOF MULT
TOF tray

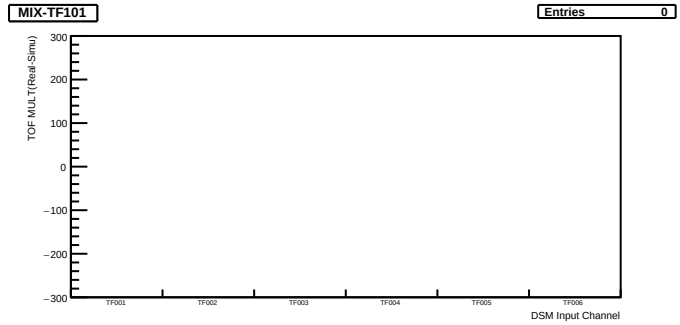

MIX-TF003
Entries 1.269171e+07
TOF MULT
TOF tray

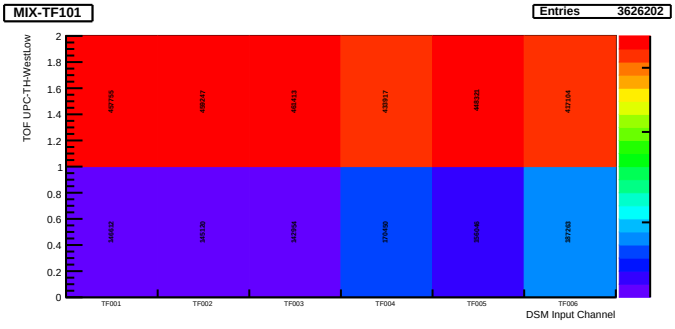

MIX-TF004
Entries 1.269171e+07
TOF MULT
TOF tray

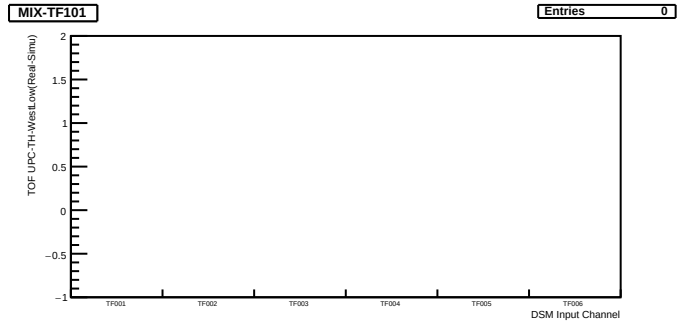

MIX-TF005
Entries 1.269171e+07
TOF MULT
TOF tray

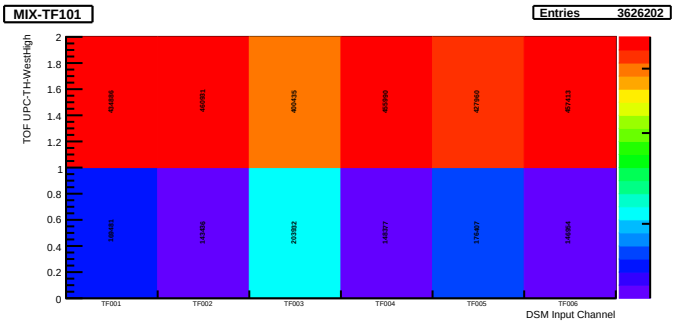

MIX-TF006
Entries 1.269171e+07
TOF MULT
TOF tray

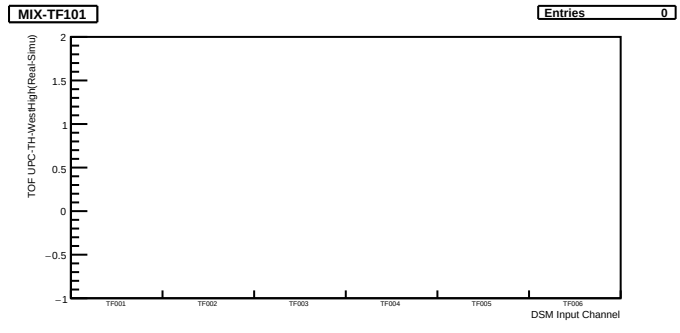

MIX-TF101
Entries 3626202
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

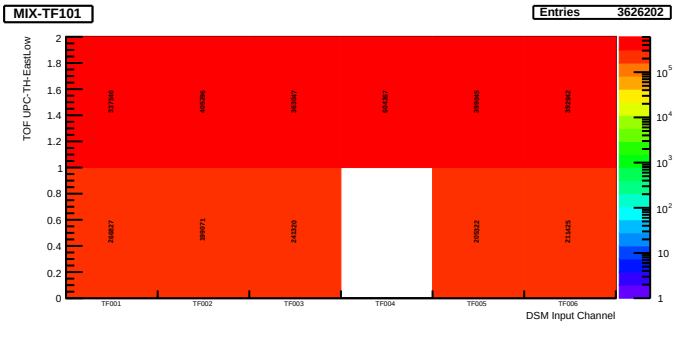

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

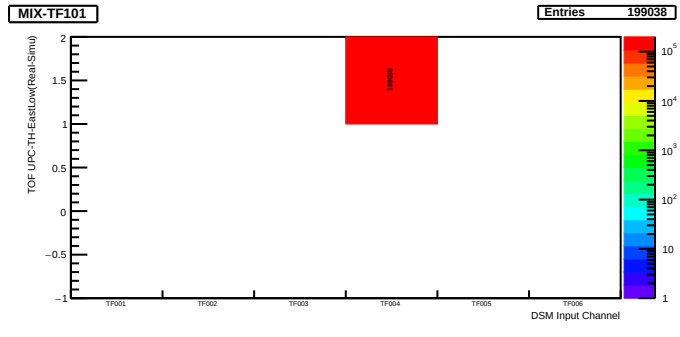

MIX-TF101
Entries 3626202
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

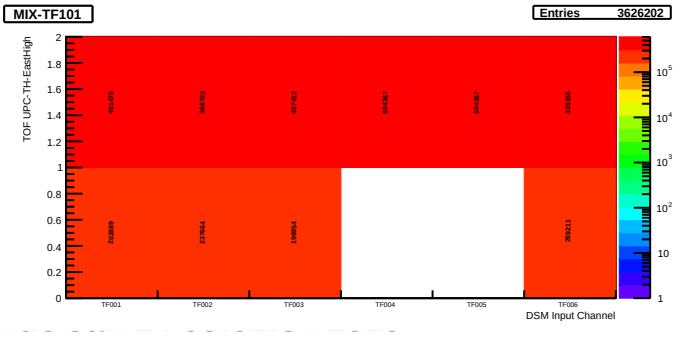

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

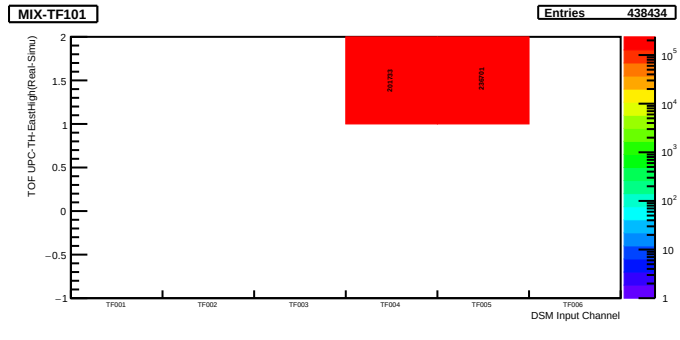

MIX-TF101
Entries 3626202
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

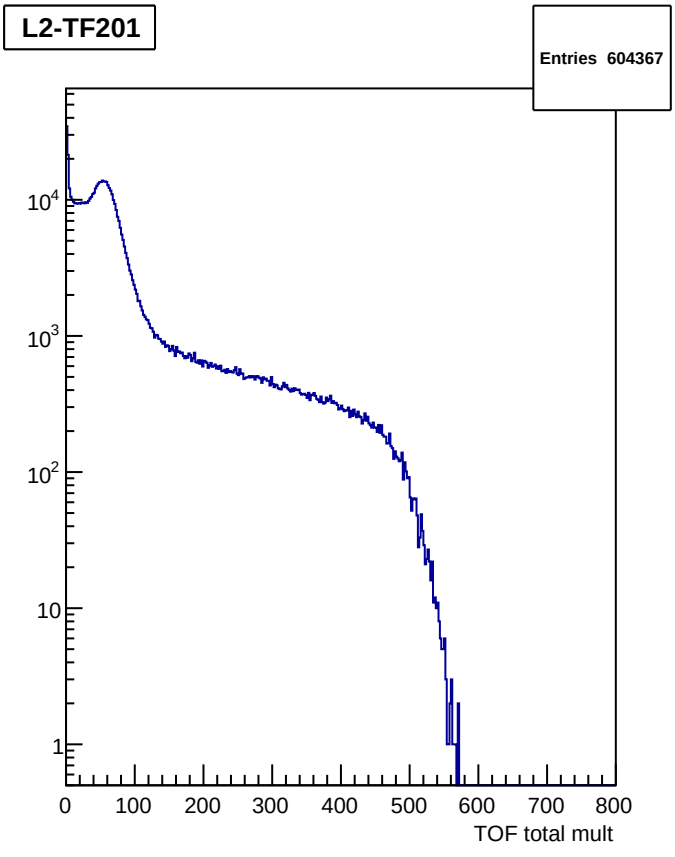

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

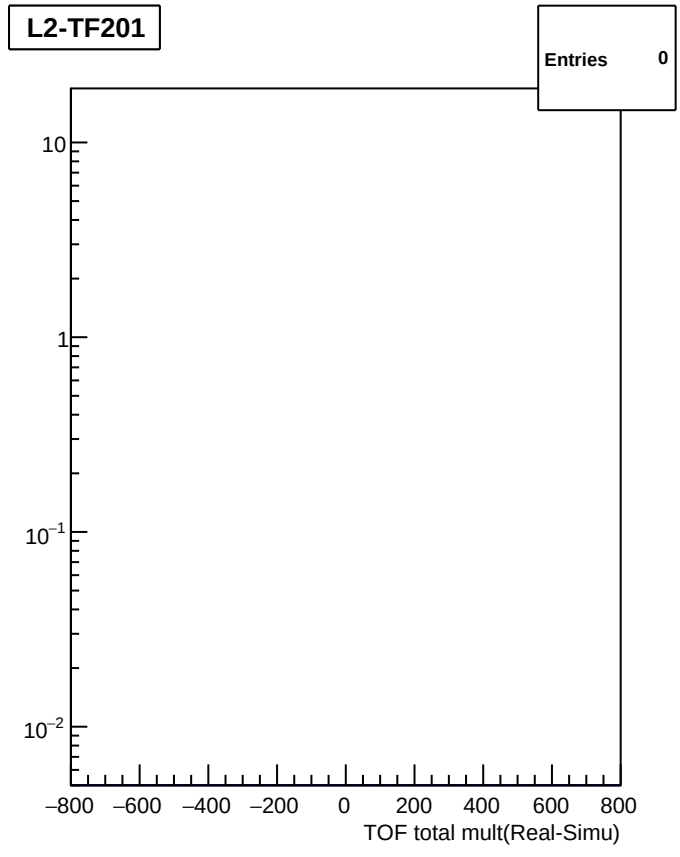

MIX-TF101
Entries 3626202
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

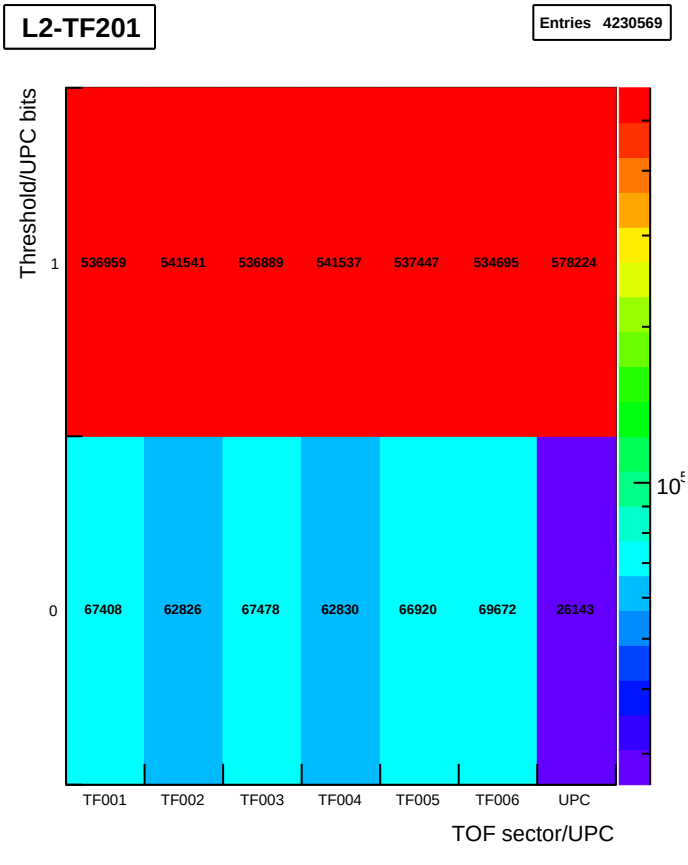

MIX-TF101
Entries 199038
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

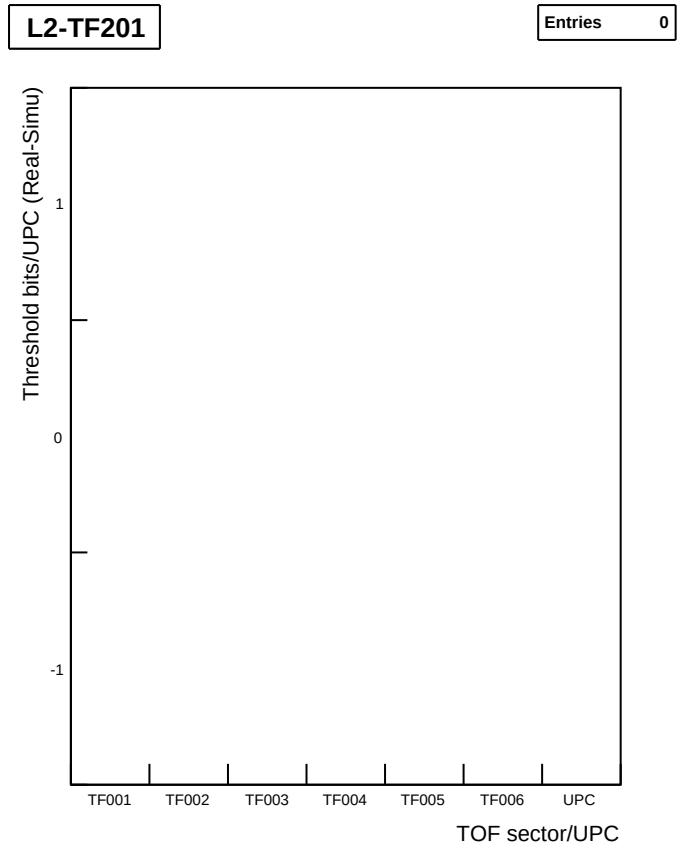

MIX-TF101
Entries 3626202
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

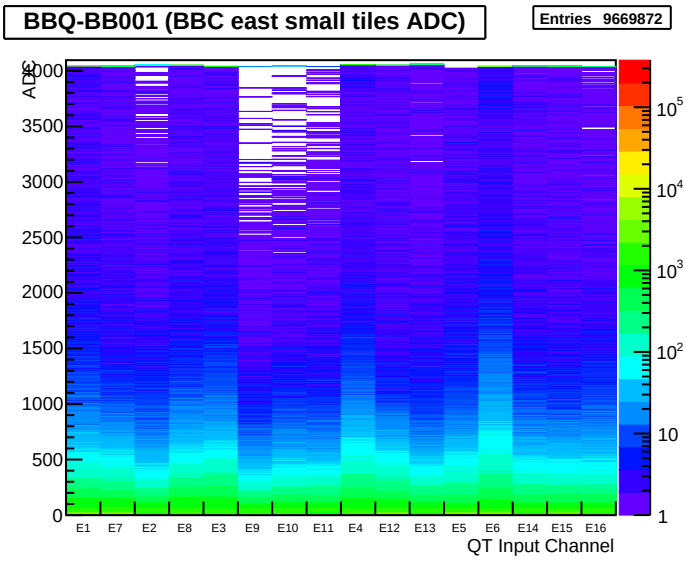

MIX-TF101
Entries 438434
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

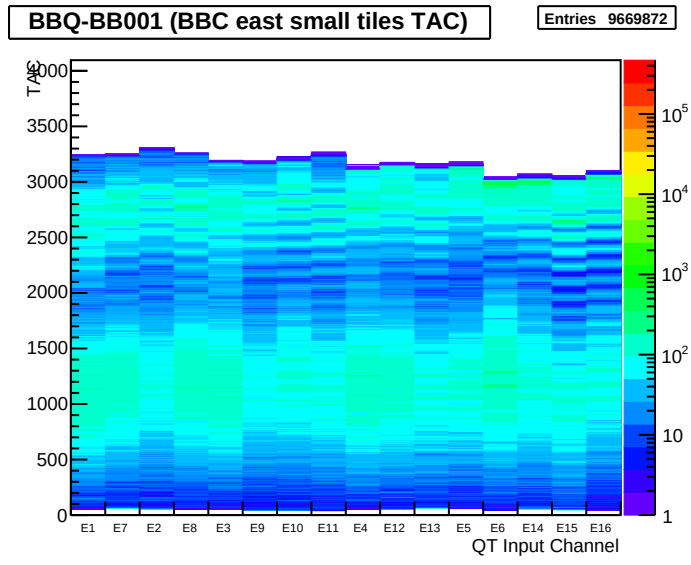

L2-TF201
Entries 604367
TOF total mult

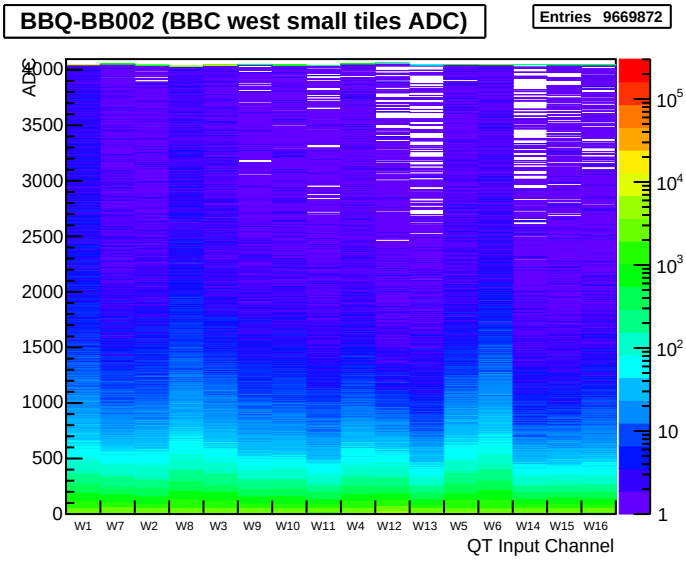

L2-TF201
Entries 0
TOF total mult(Real-Simu)

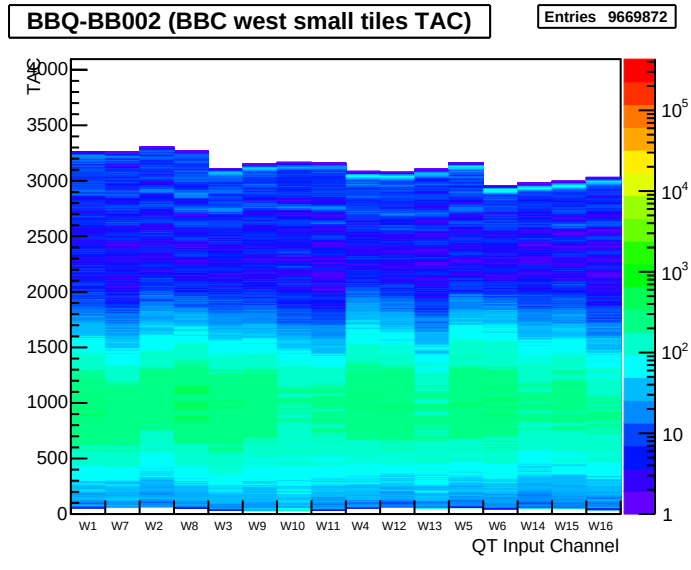

L2-TF201
Entries 4230569
Threshold/UPC bits
536959
541541
536889
541537
537447
534695
578224
67408
62826
67478
62830
66920
69672
26143
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

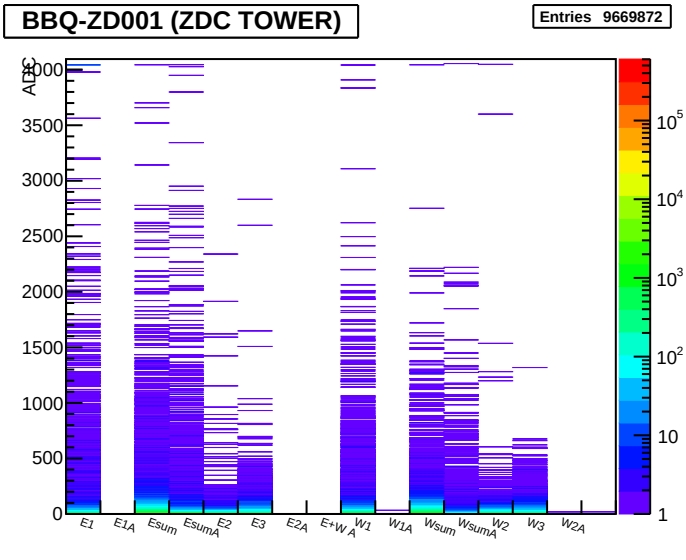

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

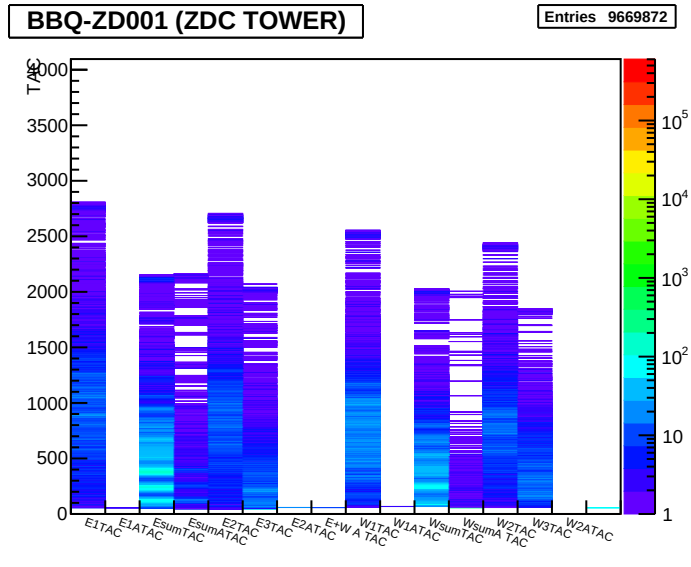

BBQ-BB001 (BBC east small tiles ADC)
Entries 9669872
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

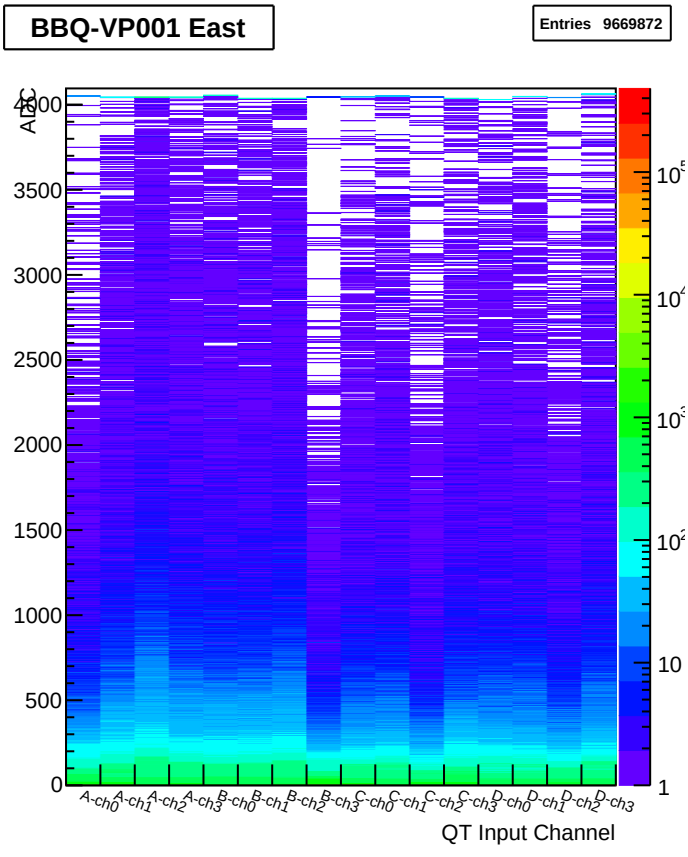

BBQ-BB001 (BBC east small tiles TAC)
Entries 9669872
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

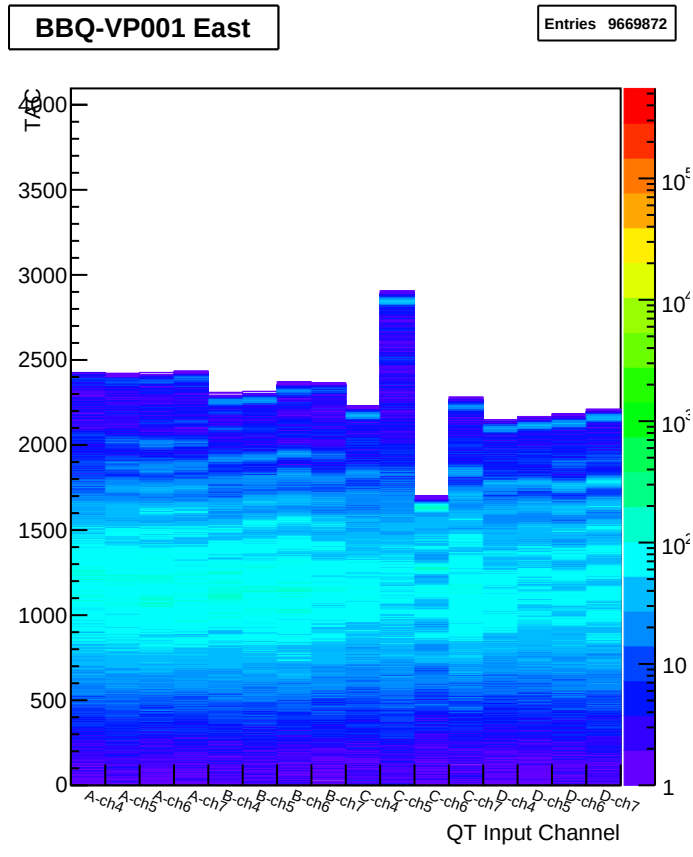

BBQ-BB002 (BBC west small tiles ADC)
Entries 9669872
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

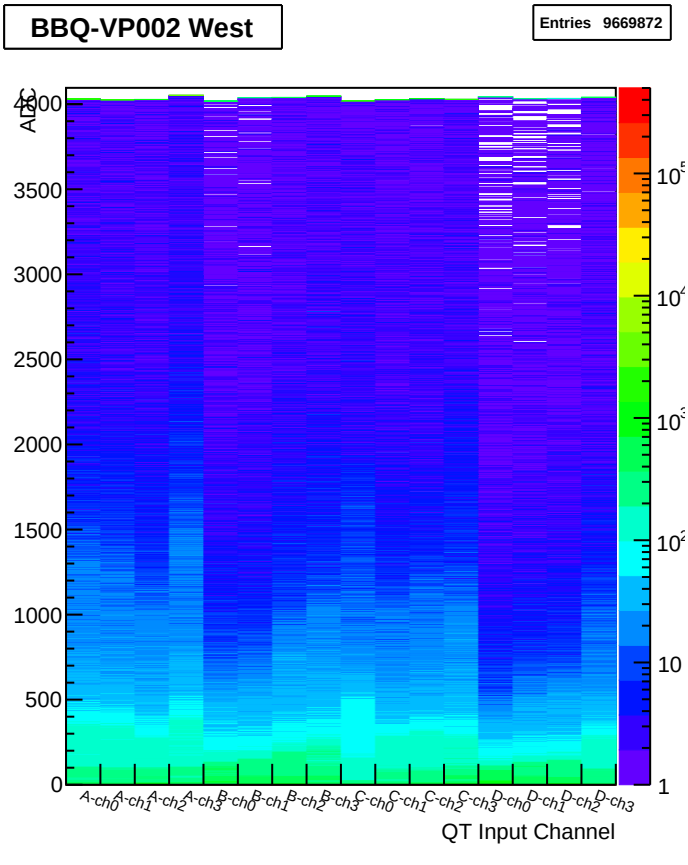

BBQ-BB002 (BBC west small tiles TAC)
Entries 9669872
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

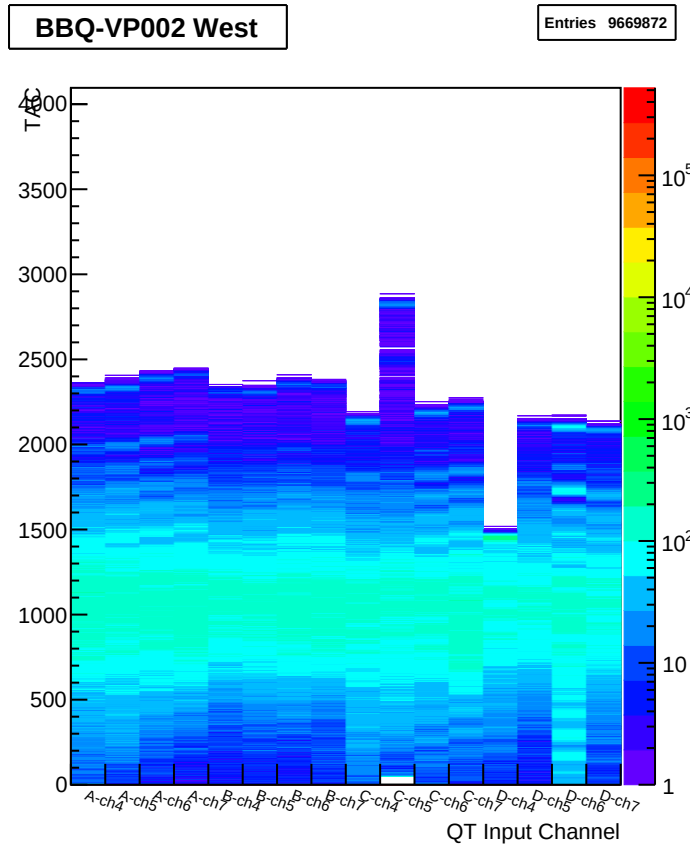

BBQ-ZD001 (ZDC TOWER)
Entries 9669872
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

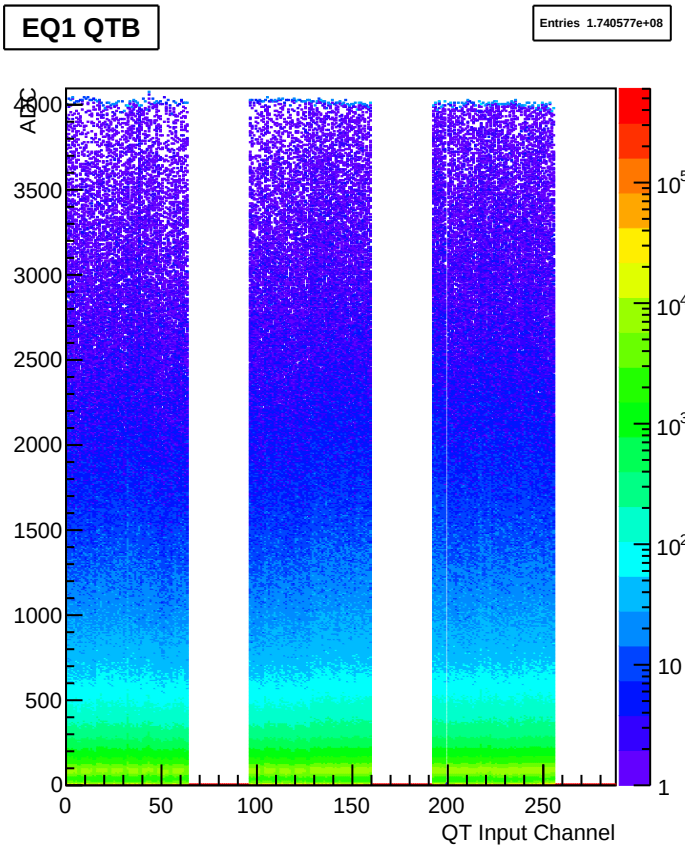

BBQ-ZD001 (ZDC TOWER)
Entries 9669872
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

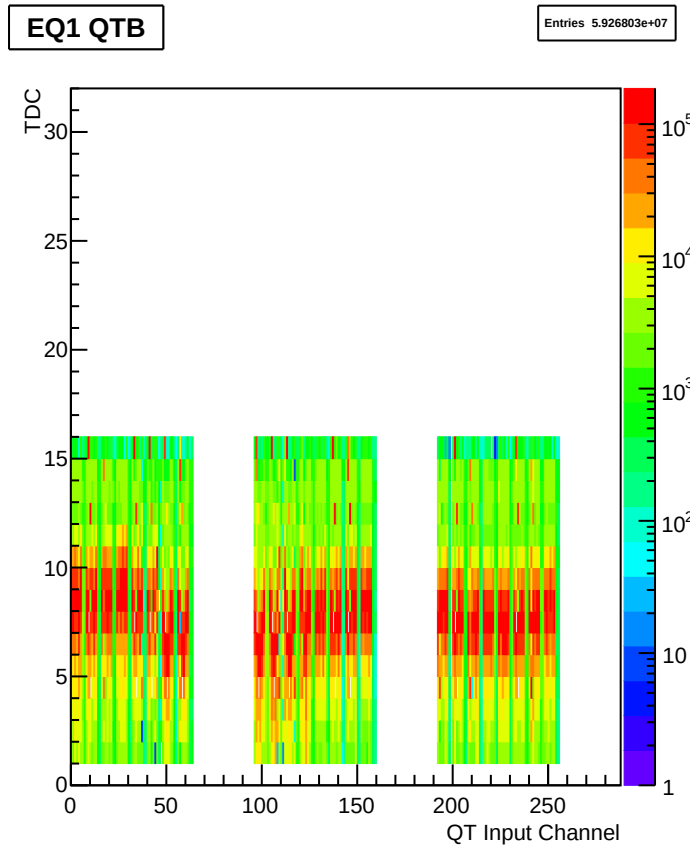

BBQ-VP001 East
Entries 9669872
ADC
QT Input Channel

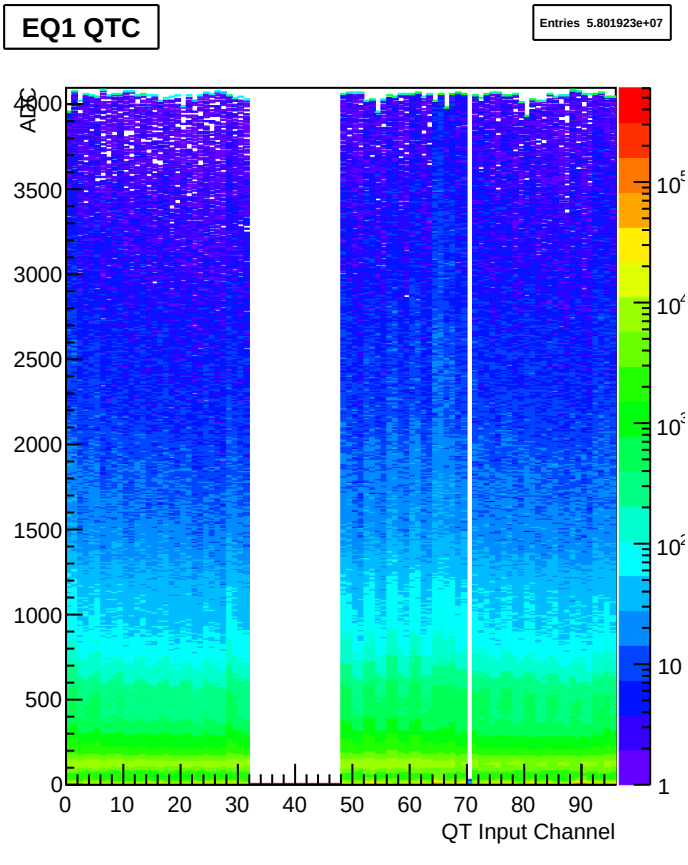

BBQ-VP001 East
Entries 9669872
ADC
QT Input Channel

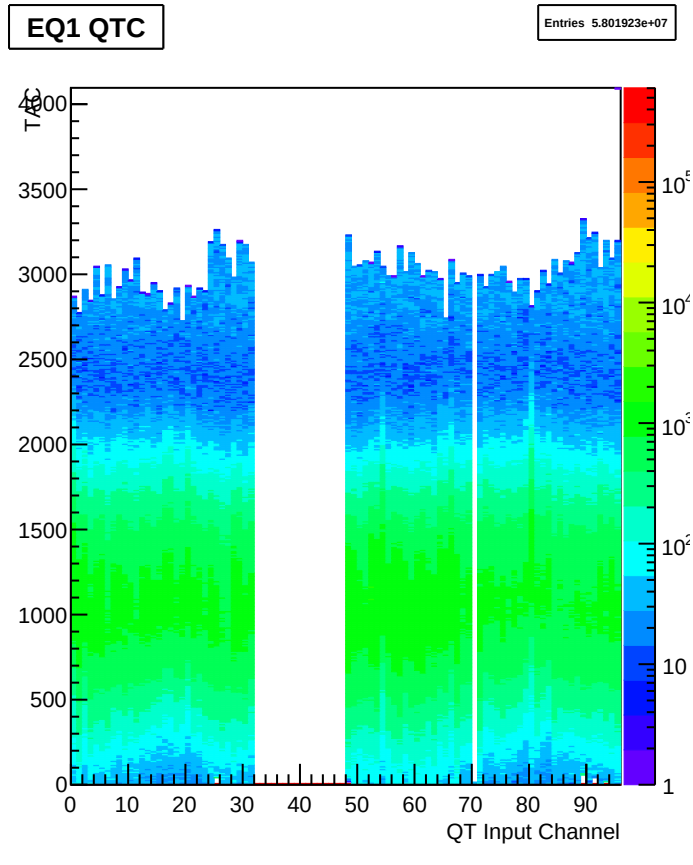

BBQ-VP002 West
Entries 9669872
ADC
QT Input Channel

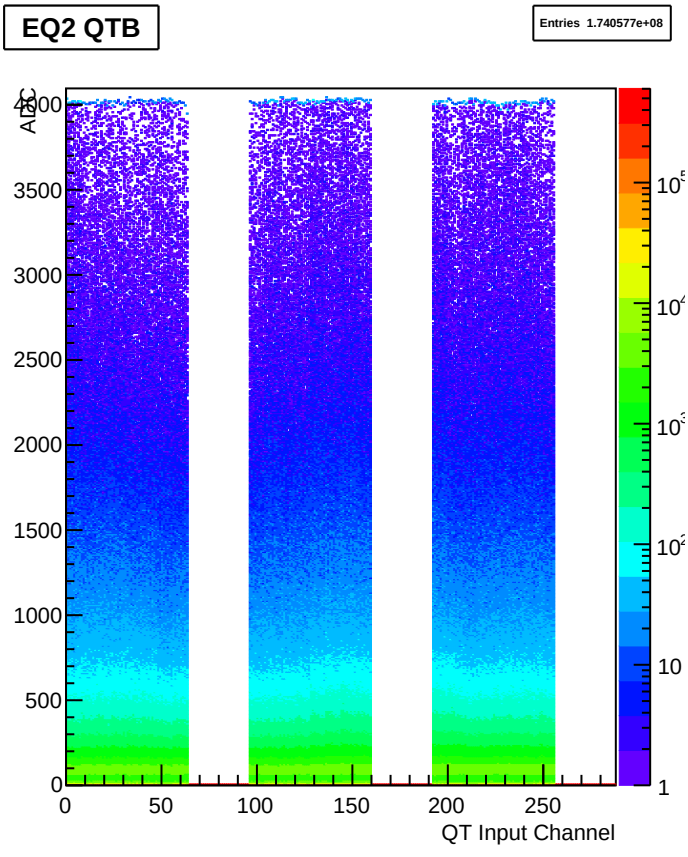

BBQ-VP002 West
Entries 9669872
ADC
QT Input Channel

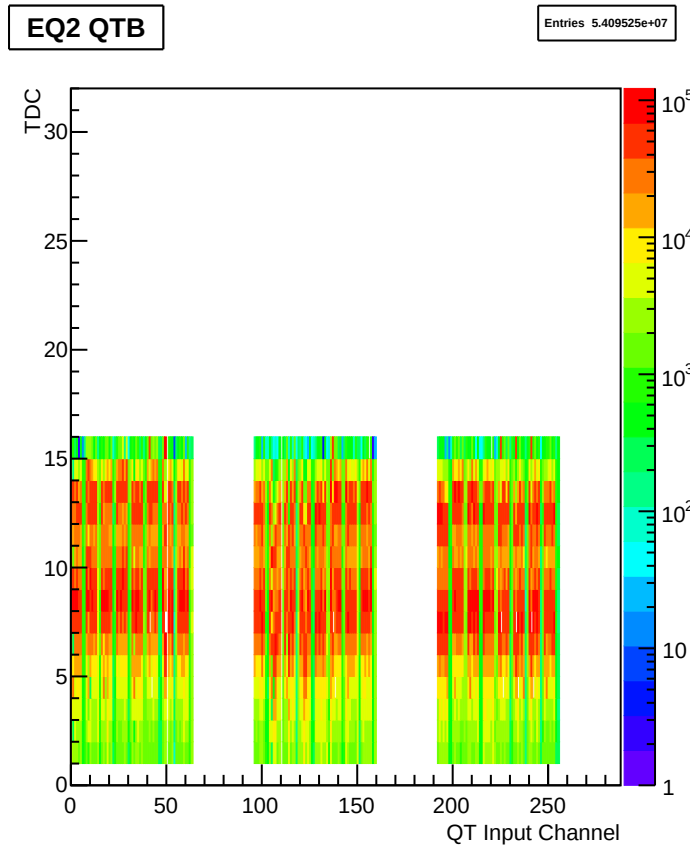

EQ1 QTB
Entries 1.740577e+08
ADC
QT Input Channel

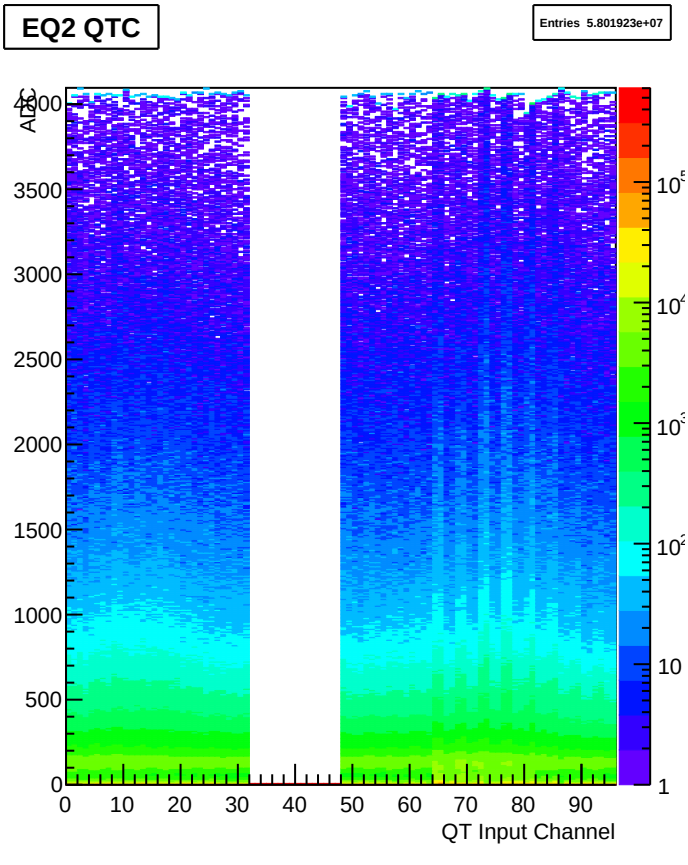

EQ1 QTB
Entries 5.926803e+07
TDC
QT Input Channel

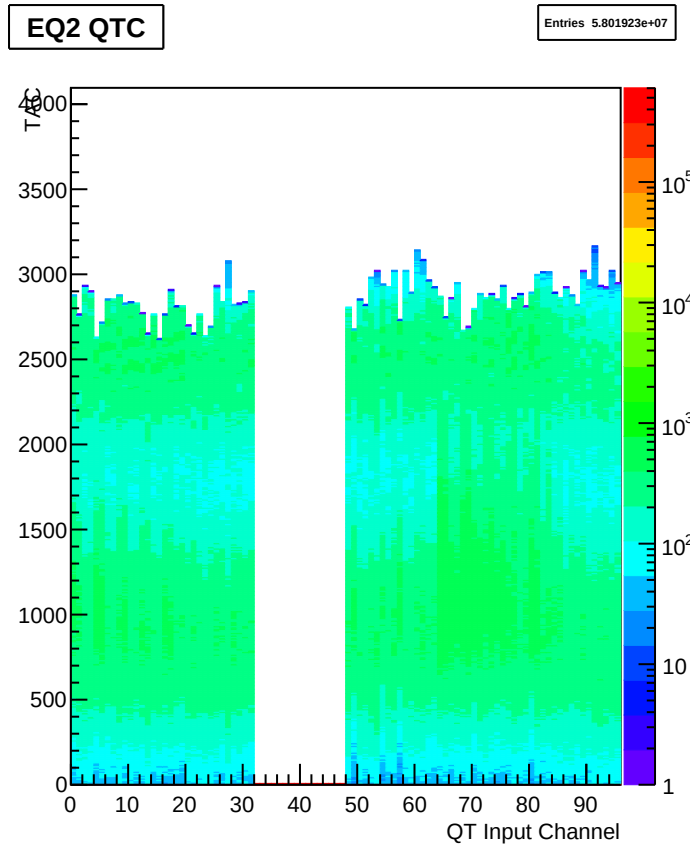

EQ1 QTC
Entries 5.801923e+07
ADC
QT Input Channel

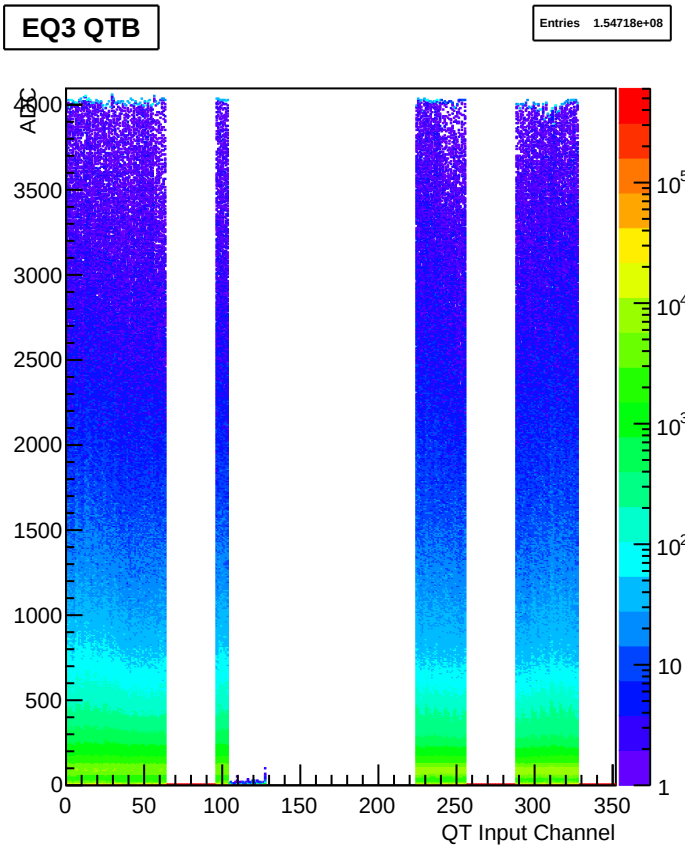

EQ1 QTC
Entries 5.801923e+07
TADC
QT Input Channel

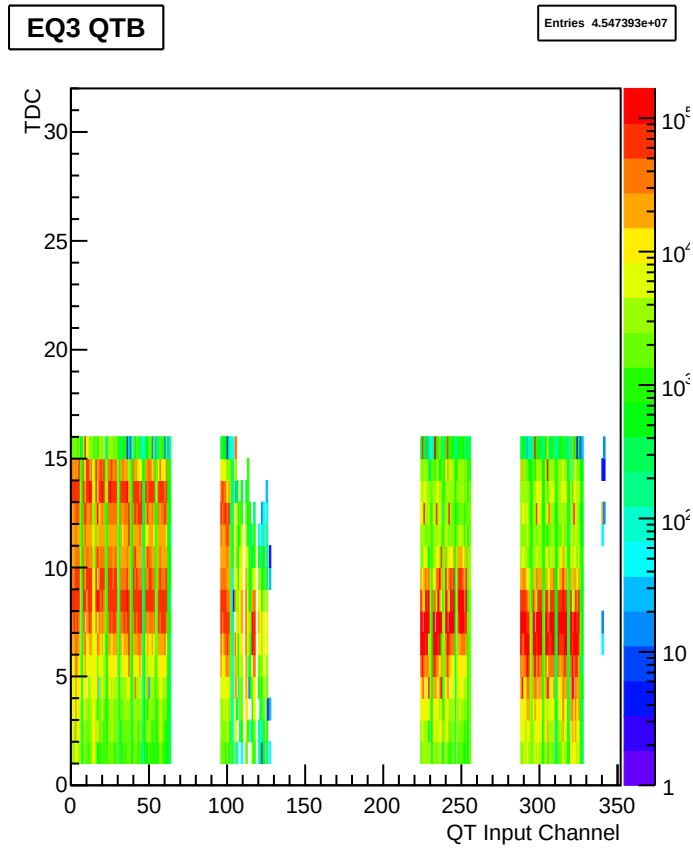

EQ2 QTB
Entries 1.740577e+08
ADC
QT Input Channel

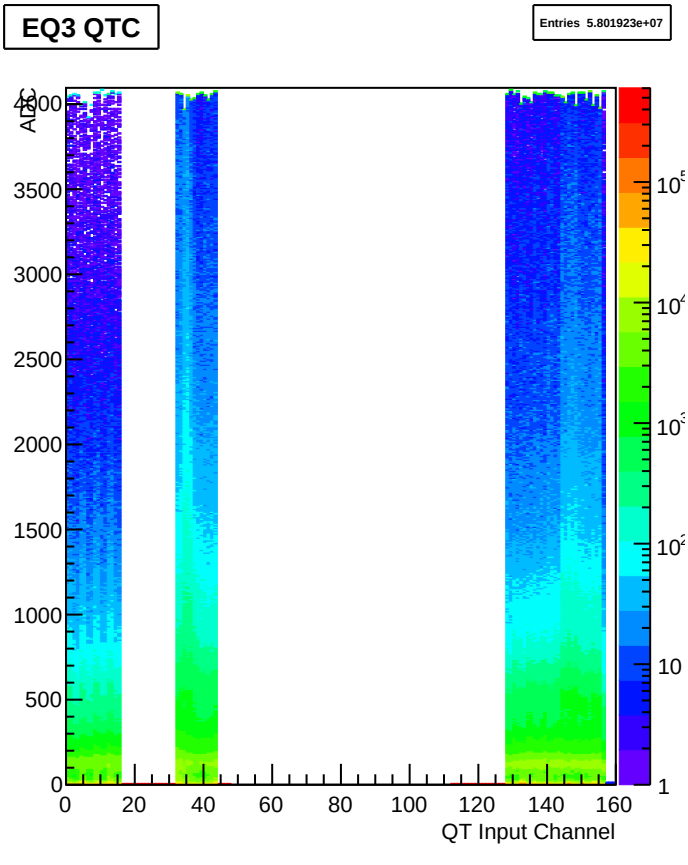

EQ2 QTB
Entries 5.409525e+07
TDC
QT Input Channel

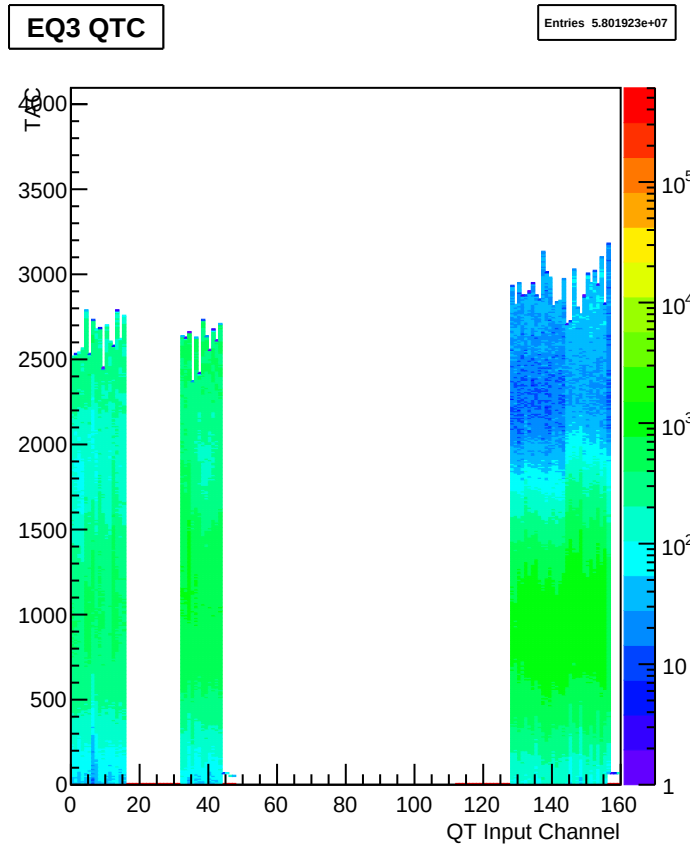

EQ2 QTC
Entries 5.801923e+07
ADC
QT Input Channel

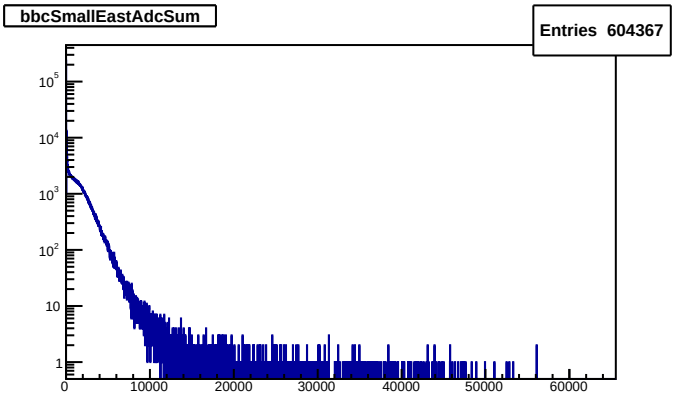

EQ2 QTC
Entries 5.801923e+07
TADC
QT Input Channel

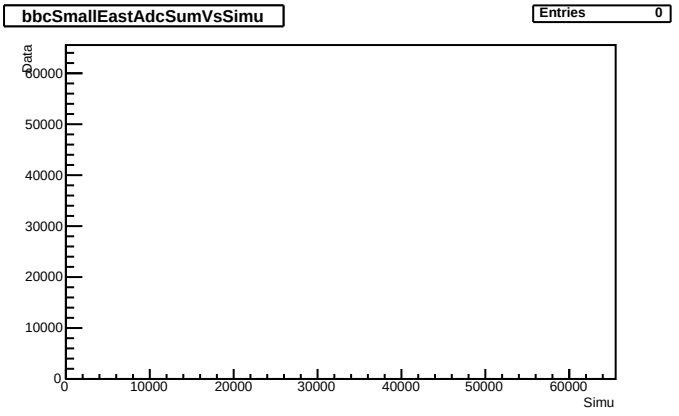

EQ3 QTB
Entries 1.54718e+08
ADC
QT Input Channel

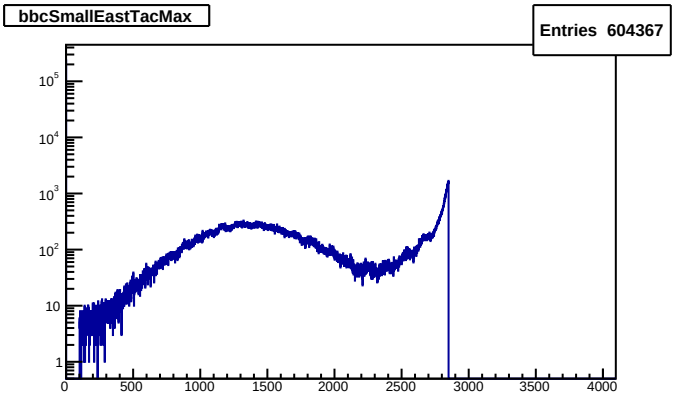

EQ3 QTB
Entries 4.547393e+07
TDC
QT Input Channel


EQ3 QTC
Entries 5.801923e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.801923e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 604367


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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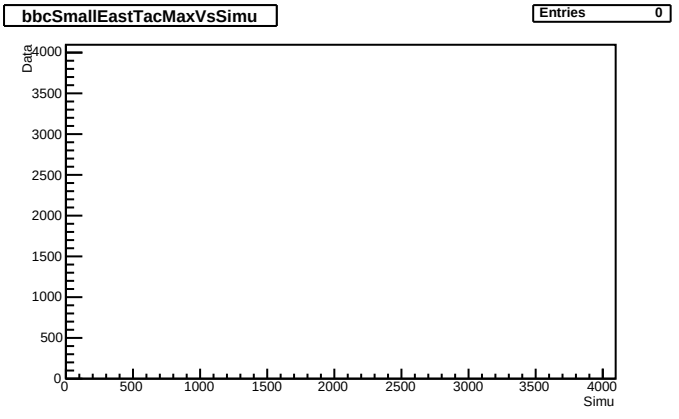
Entries 604367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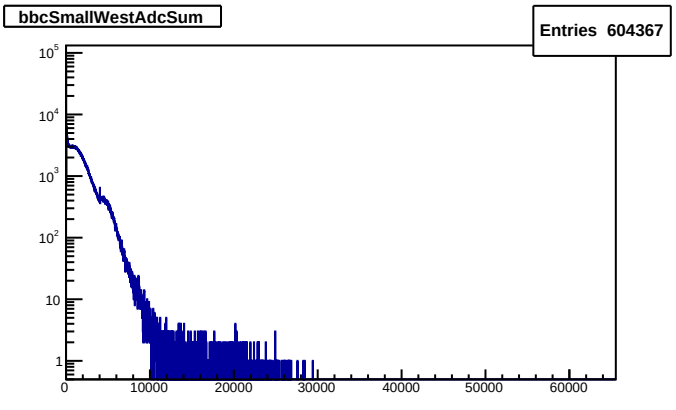
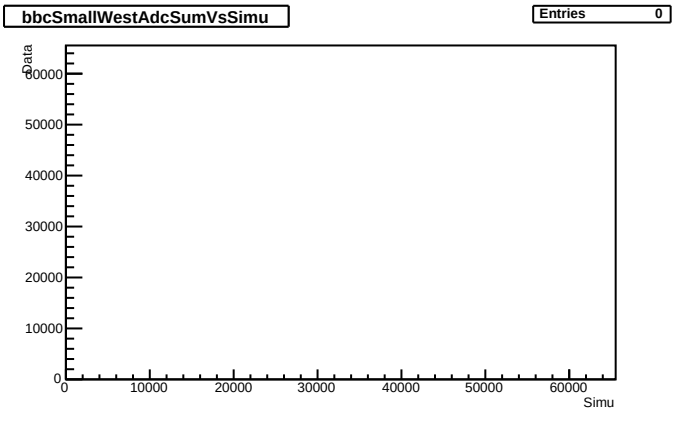

bbcSmallWestAdcSum
Entries 604367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Entries 0
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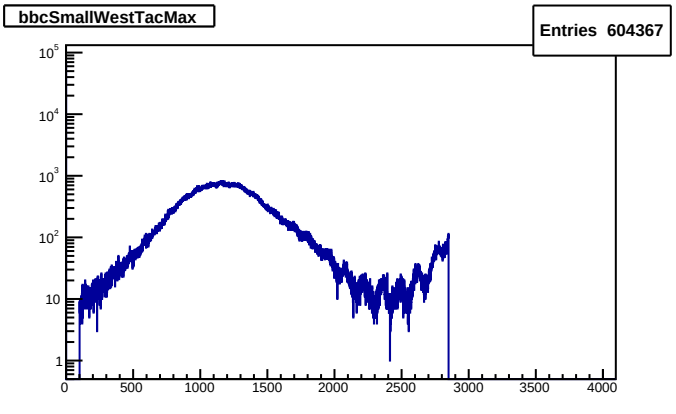
Simu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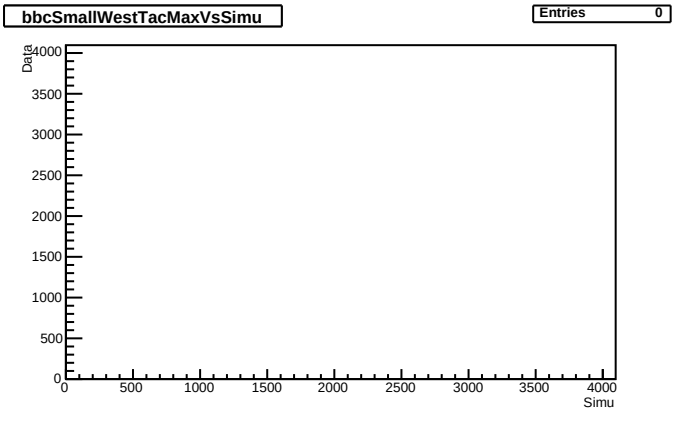
Entries 604367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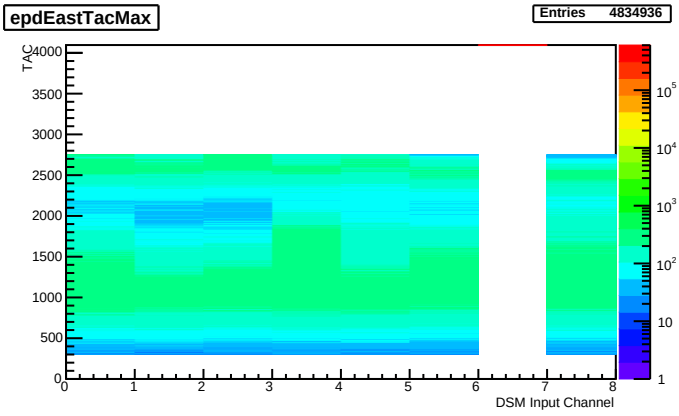
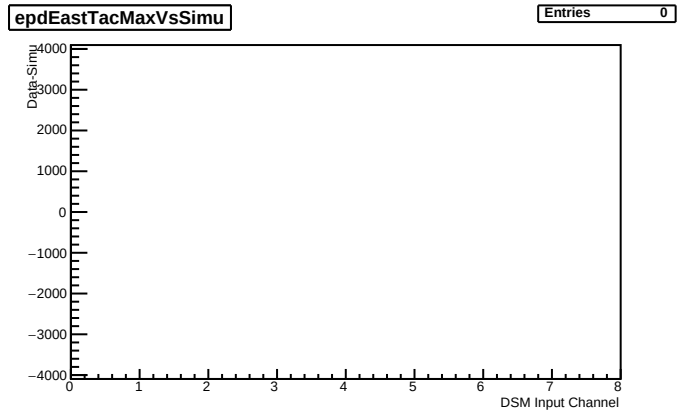
Entries 0
Data
Simu


epdEastTacMax
Entries 4834936
TAC
DSM Input Channel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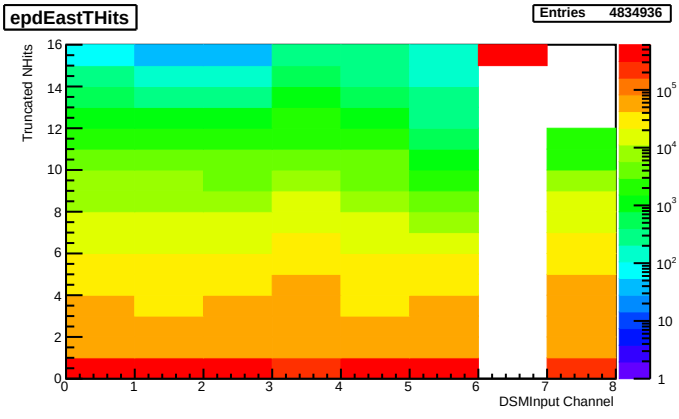
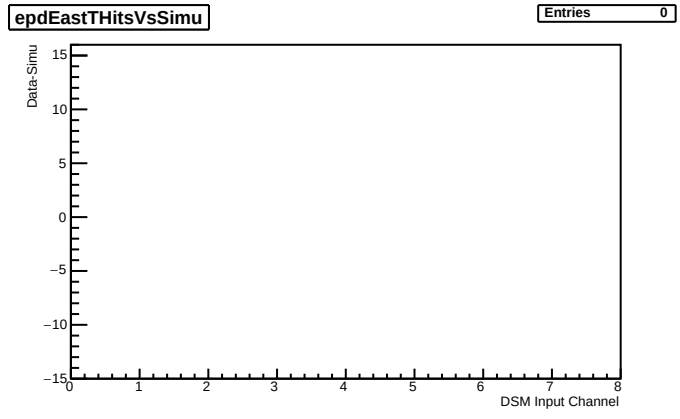
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4834936
Truncated NHits
DSMInput Channel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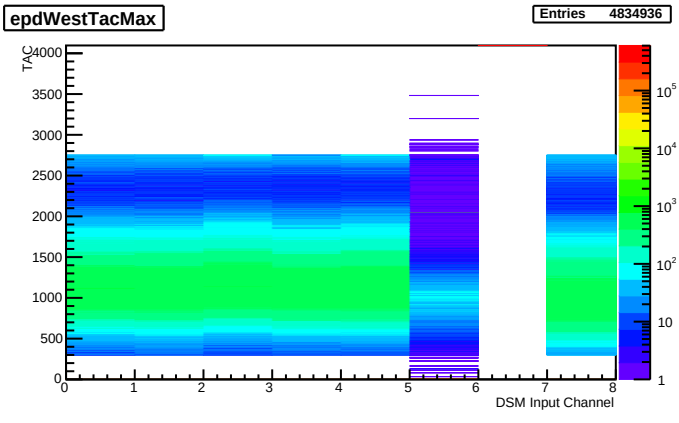
DSM Input Channel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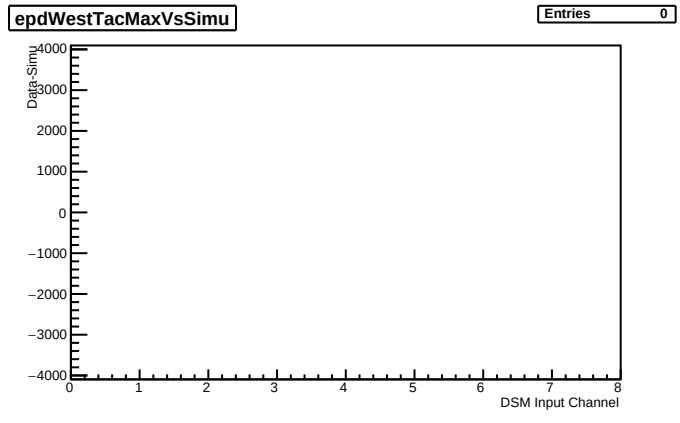
Entries 4834936
TAC
DSM Input Channel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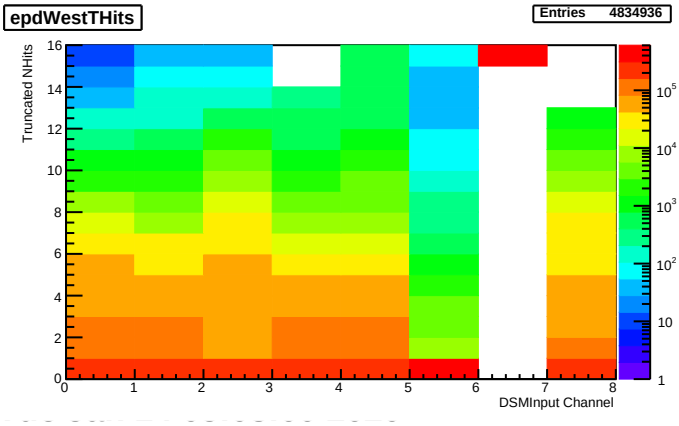
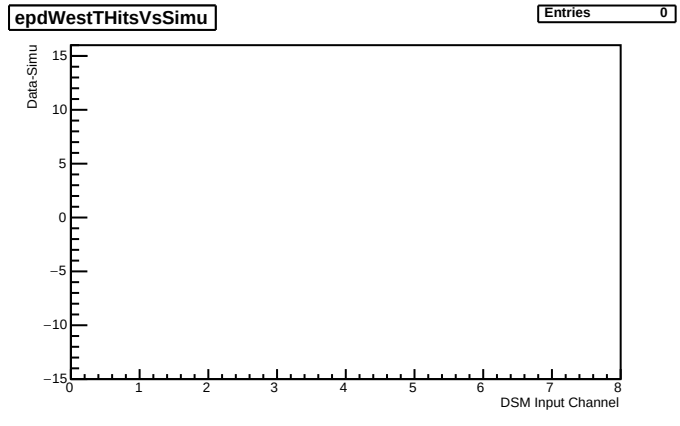
DSM Input Channel


epdWestTHits
Entries 4834936
Truncated NHits
DSMInput Channel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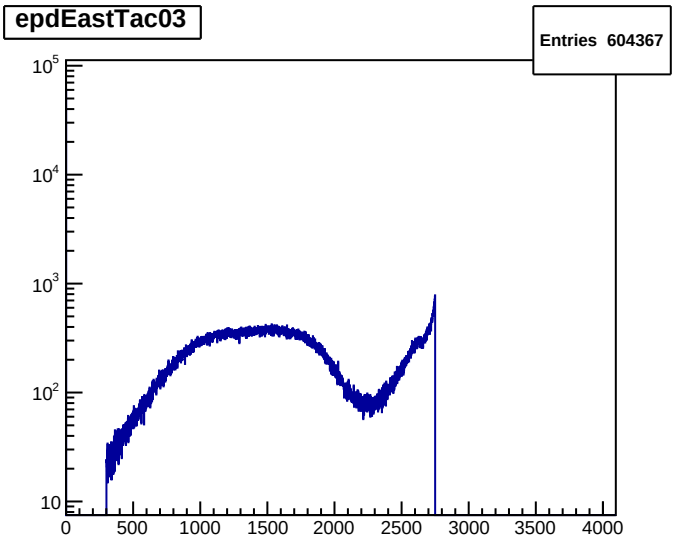
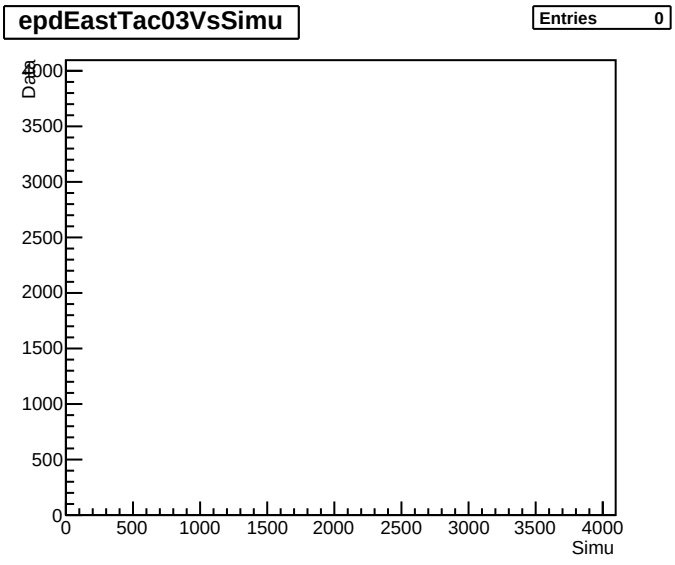
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 604367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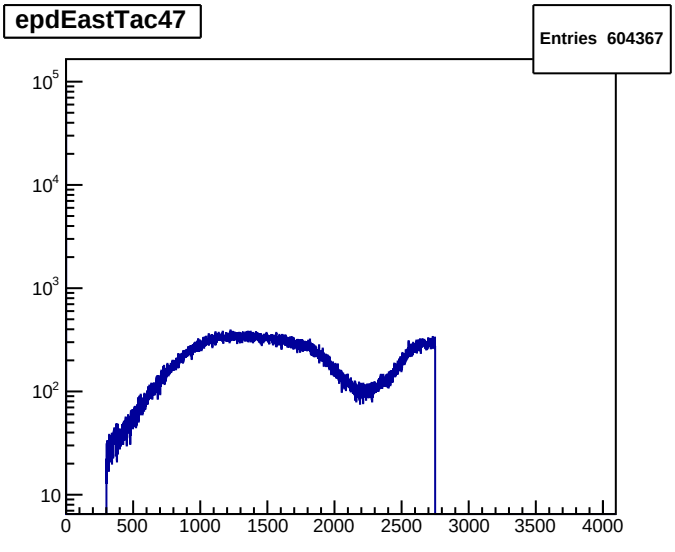
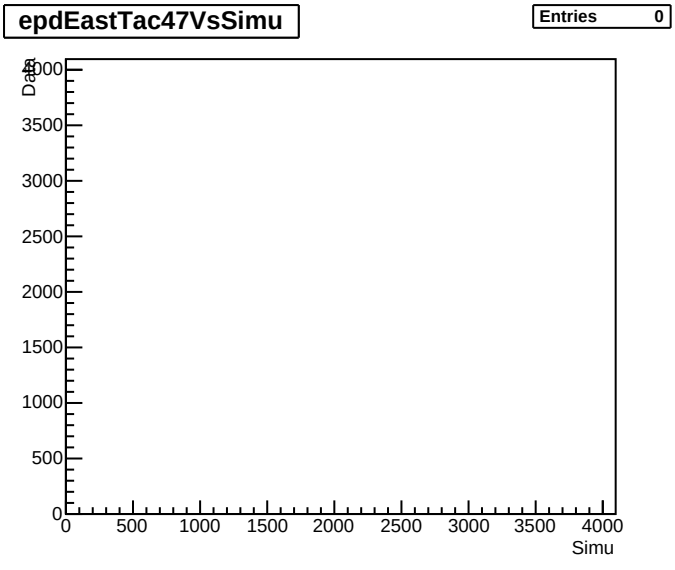
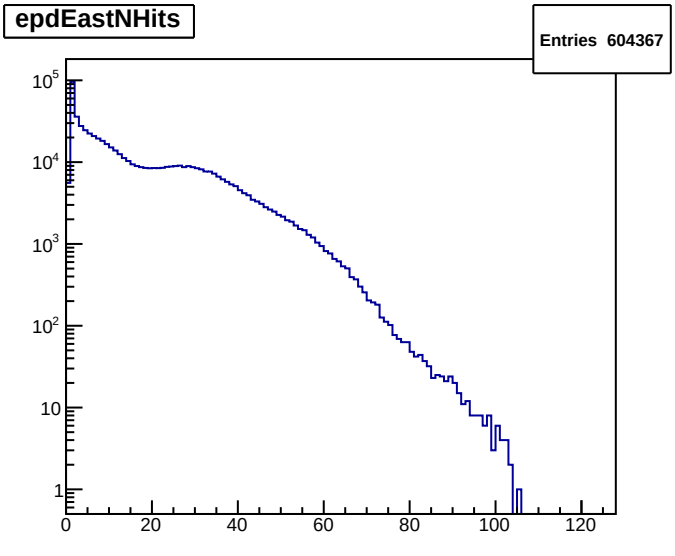
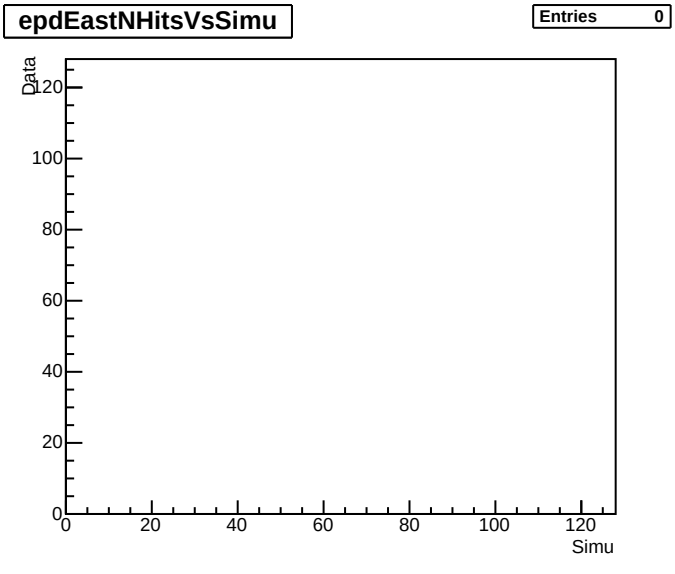
Entries 0
Data
Simu


epdEastTac47
Entries 604367


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 604367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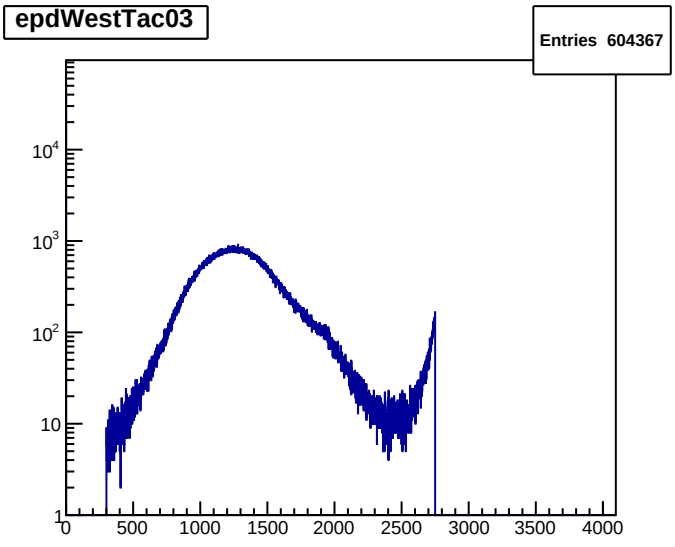
Entries 0
Data
Simu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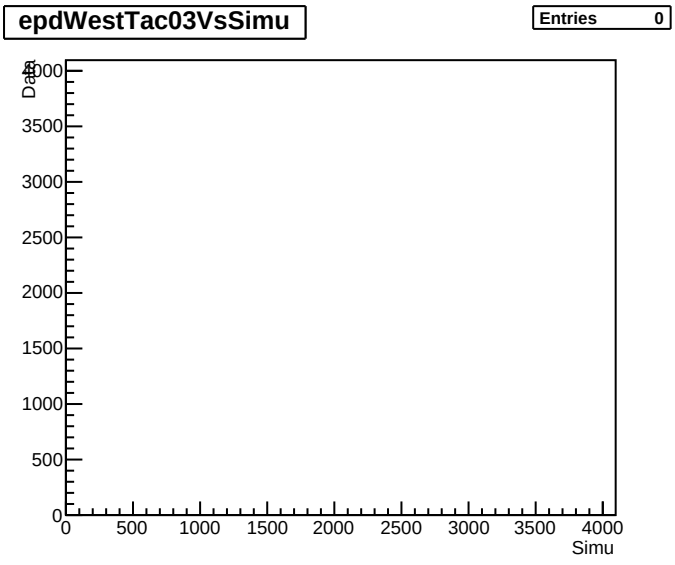
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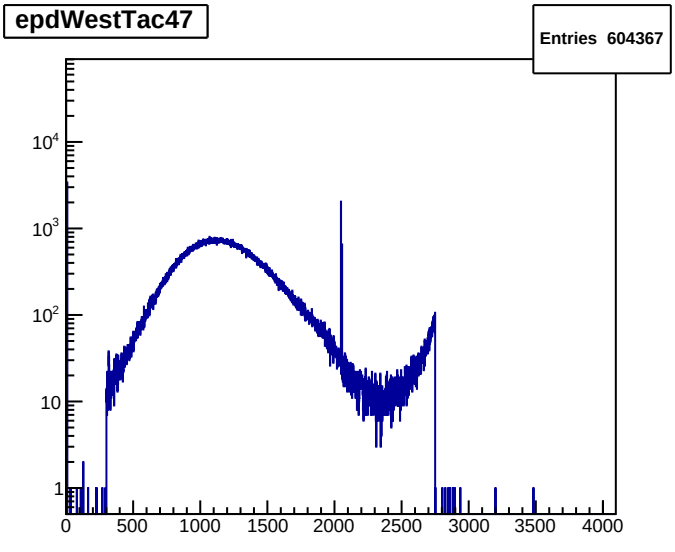
Entries 0
Data
Simu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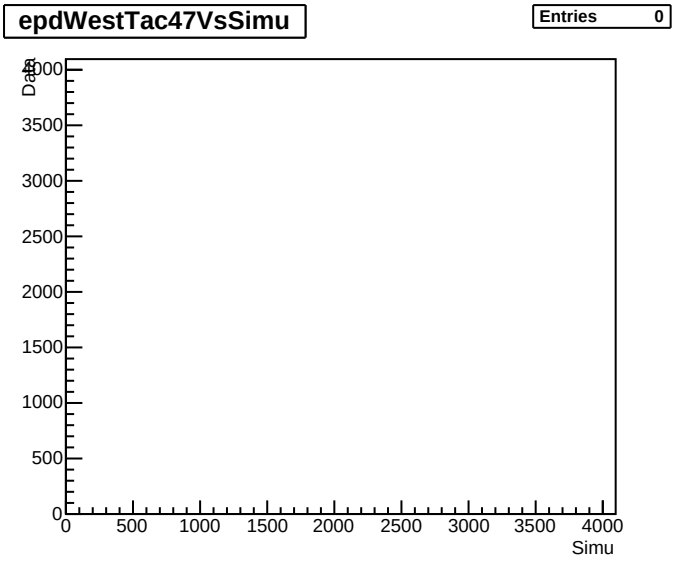
Entries 604367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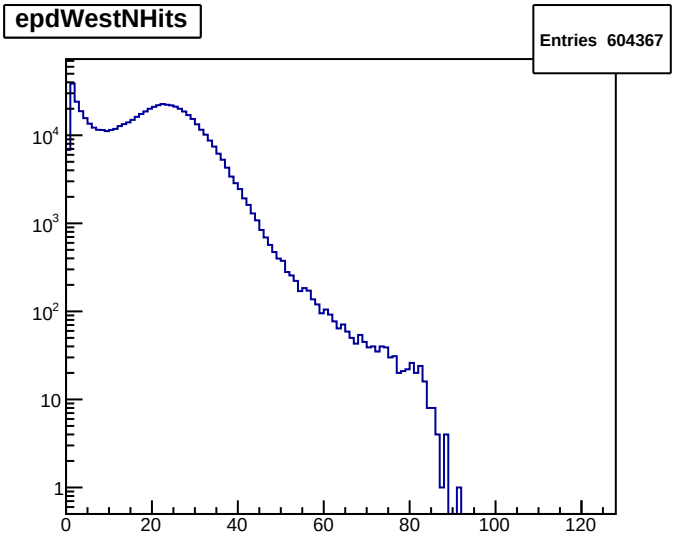
Entries 0
Data
Simu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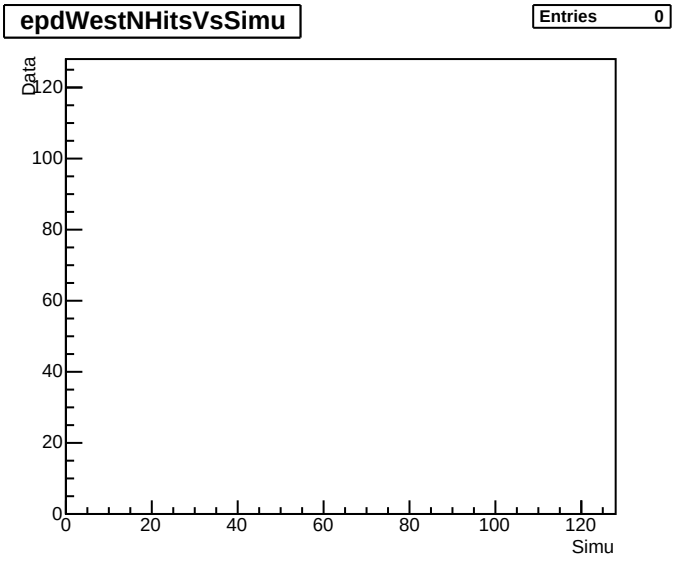
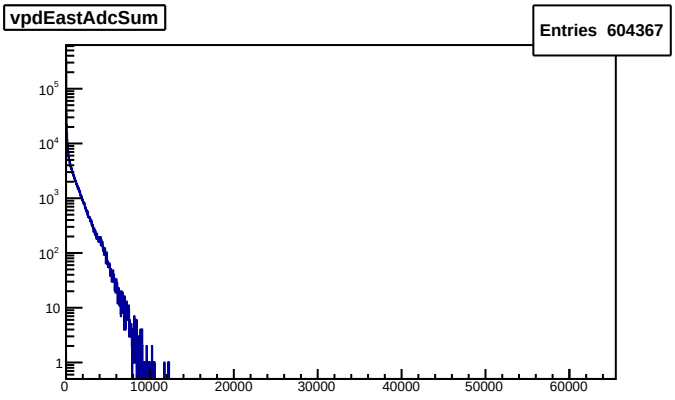
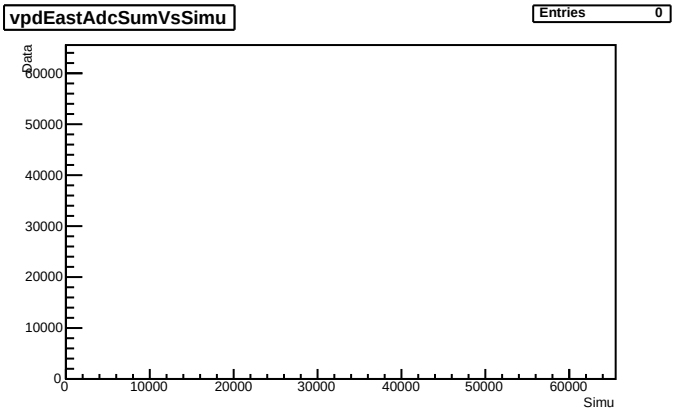
Entries 604367


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 604367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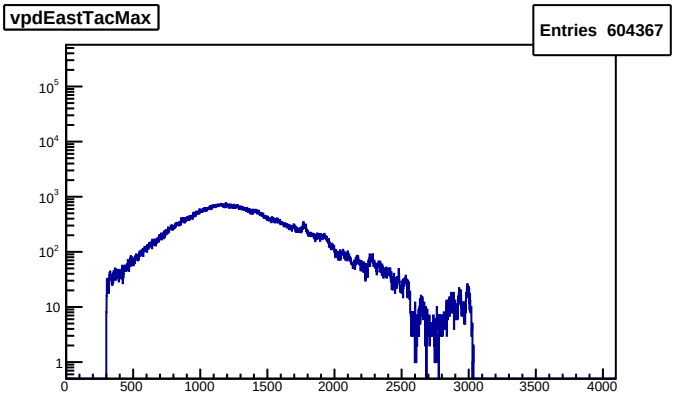
Entries 0
Data
Simu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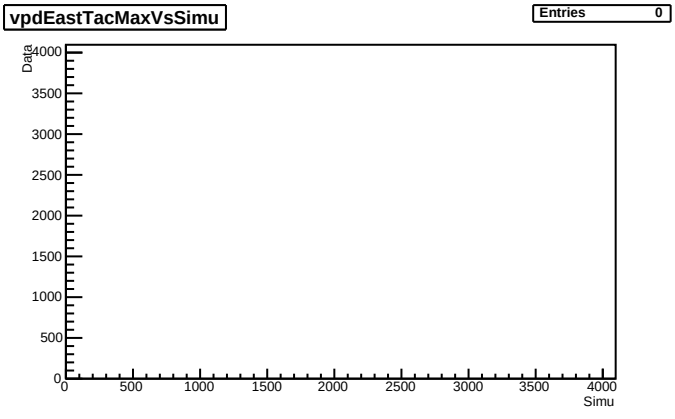
Entries 604367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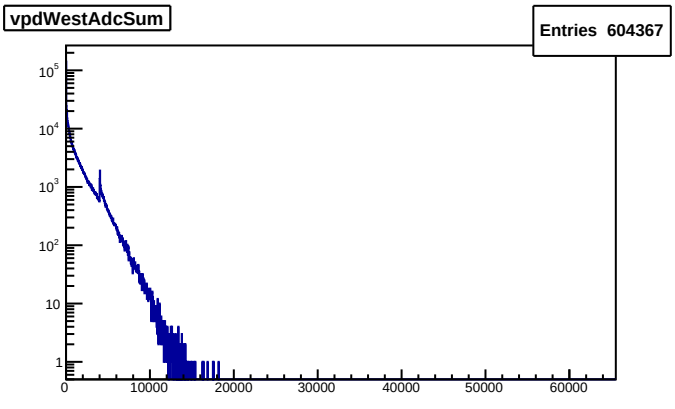
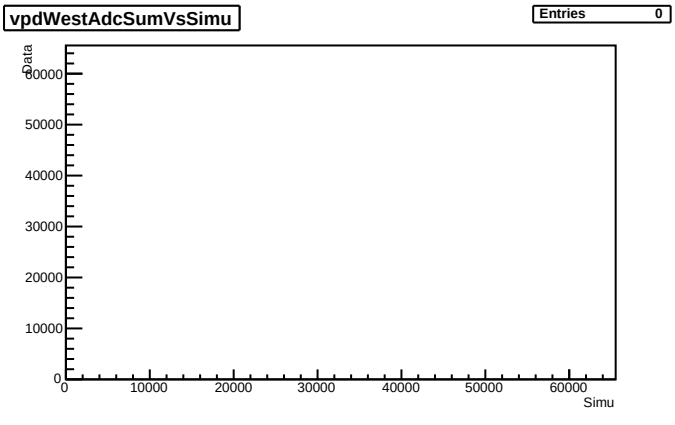
Entries 0
Data
Simu


vpdWestAdcSum
Entries 604367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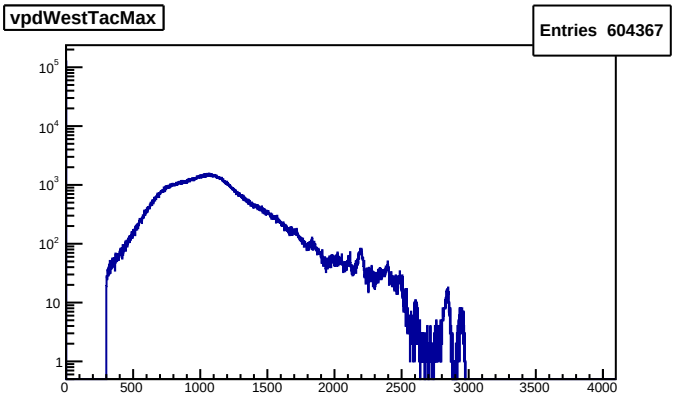
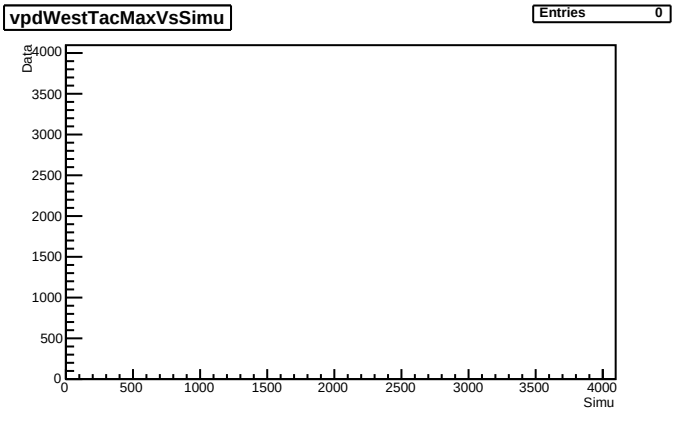
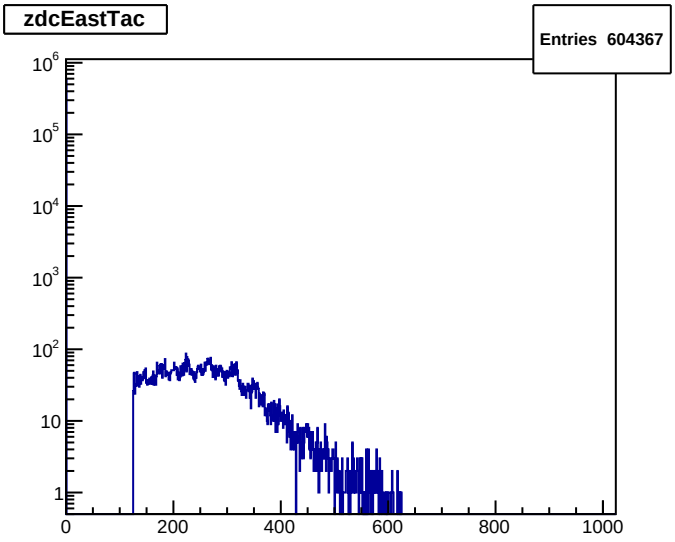
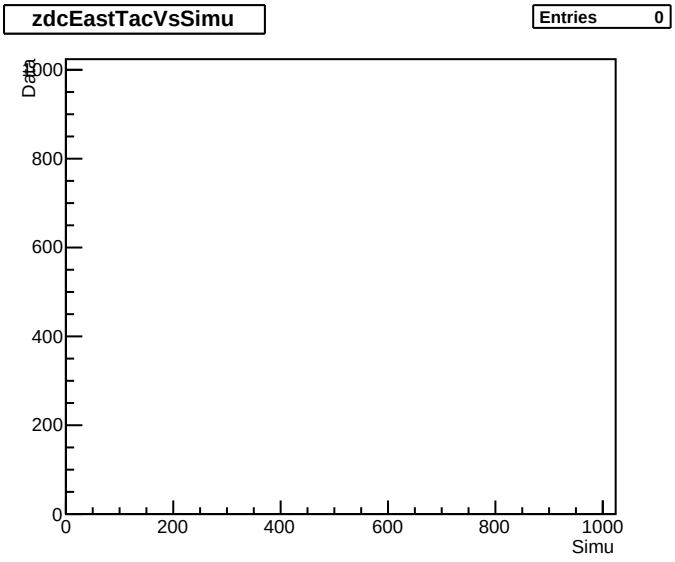
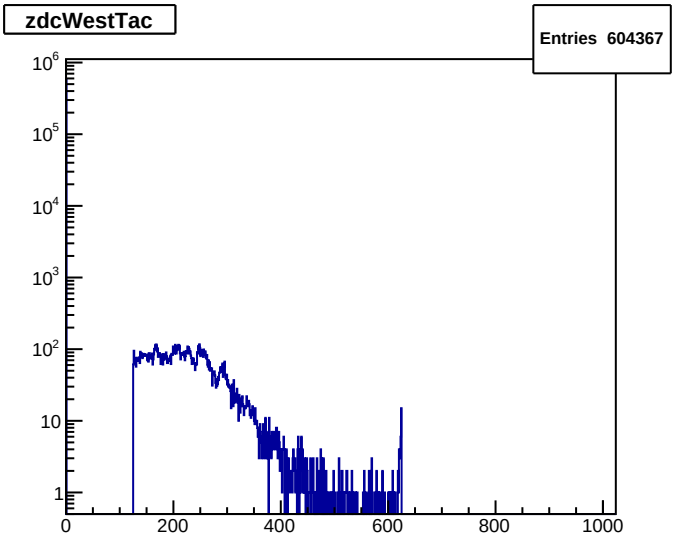
Entries 0
Data
Simu

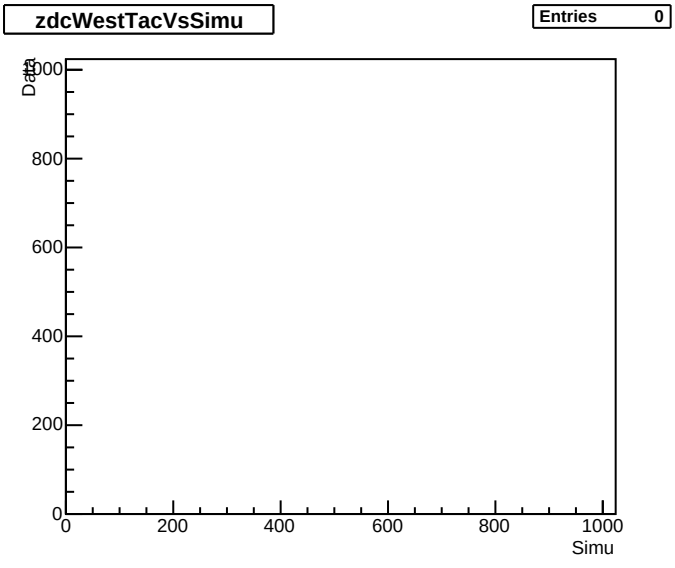

vpdWestTacMax
Entries 604367

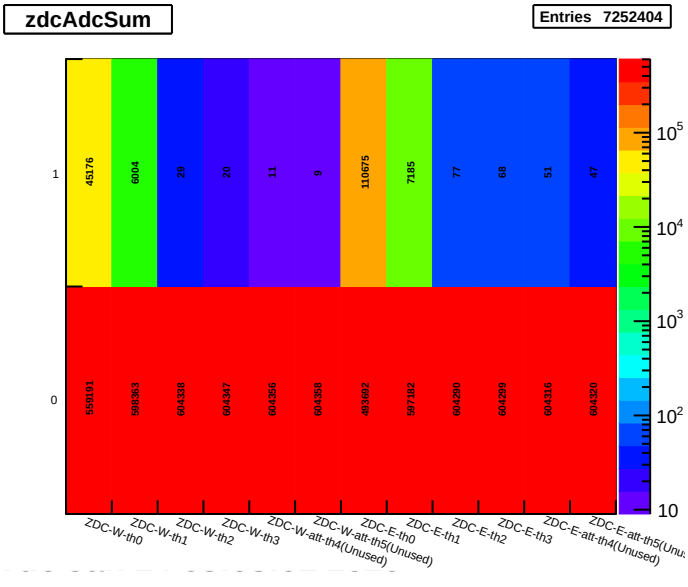

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

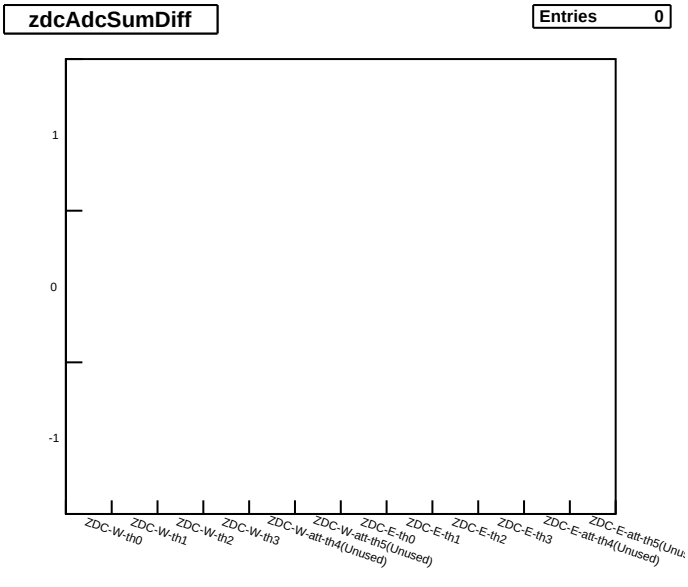

zdcEastTac
Entries 604367

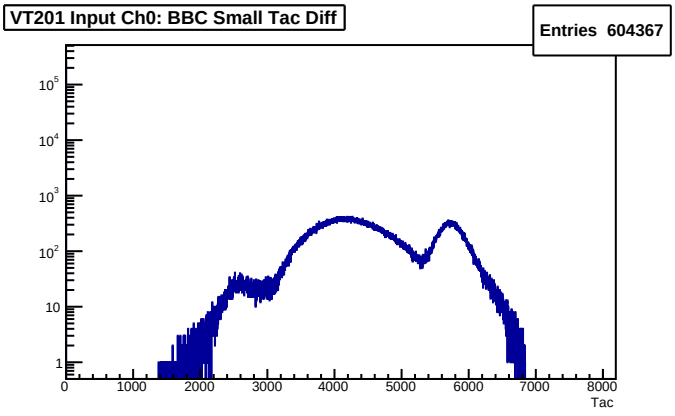

zdcEastTacVsSimu
Entries 0
Data
Simu

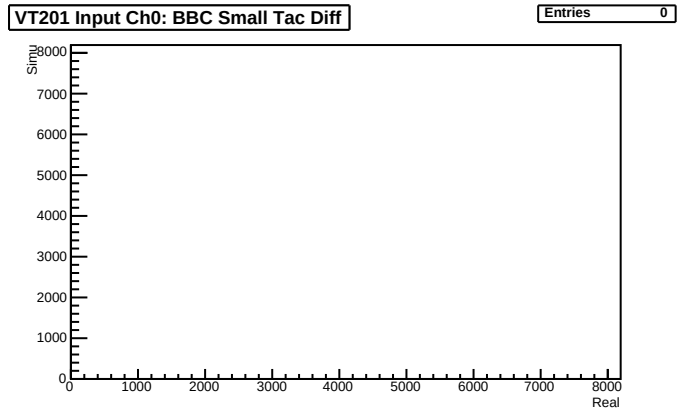

zdcWestTac
Entries 604367

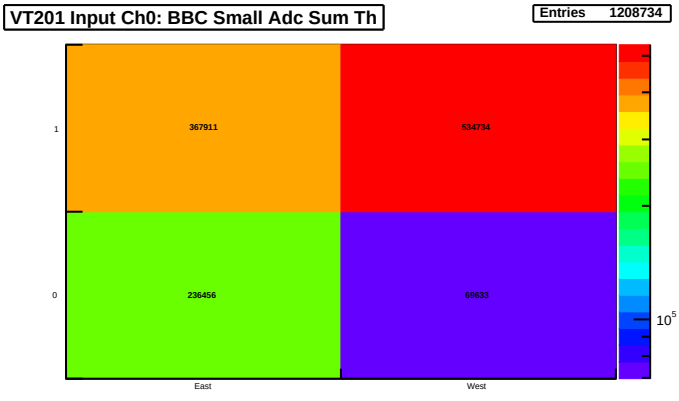

zdcWestTacVsSimu
Entries 0
Data
Simu

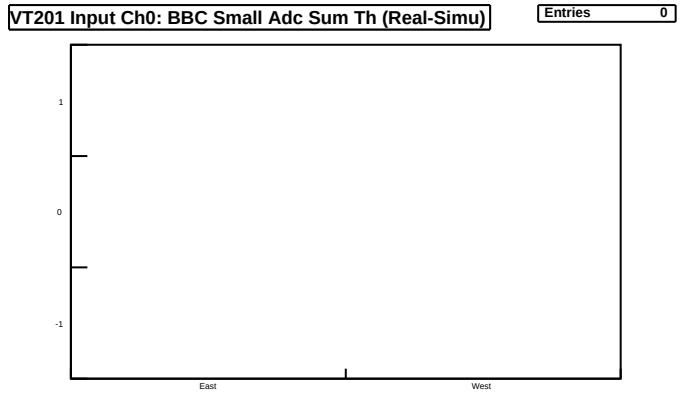

zdcAdcSum
Entries 7252404
45176
6004
29
20
11
9
110675
7185
77
68
51
47
559191
598363
604338
604347
604356
604358
493692
597182
604290
604299
604316
604320
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

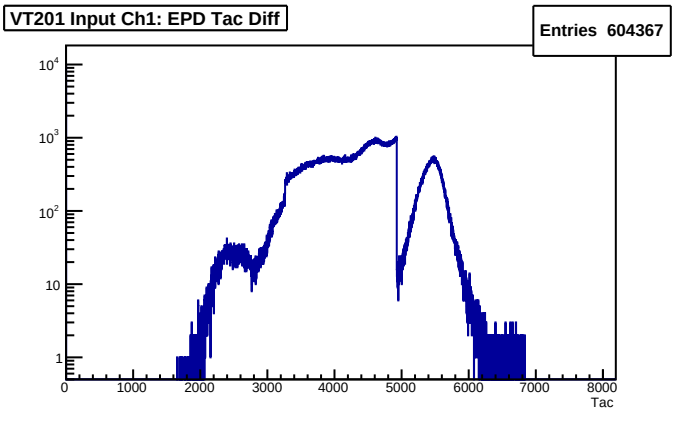

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

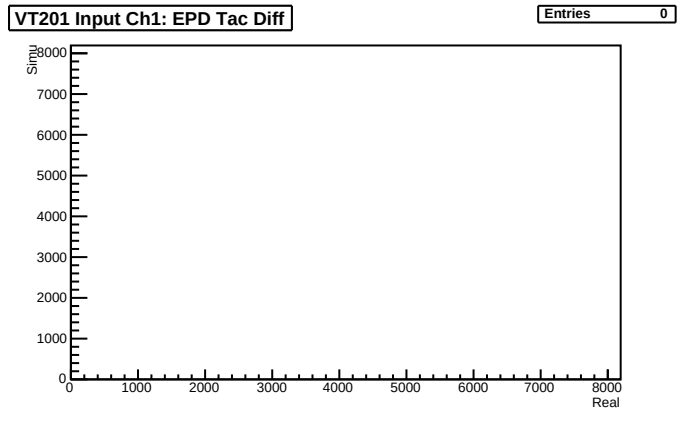

VT201 Input Ch0: BBC Small Tac Diff
Entries 604367
Tac

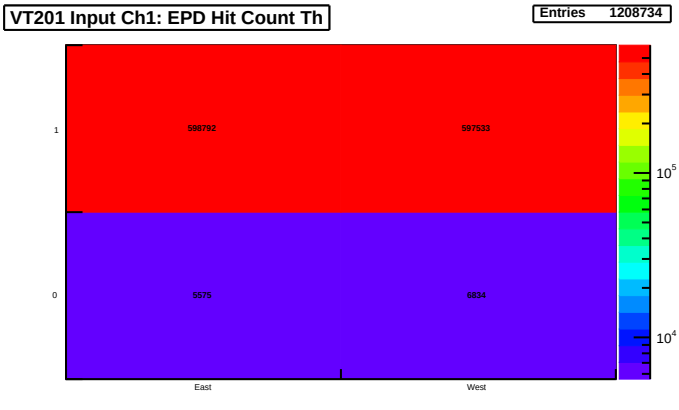

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

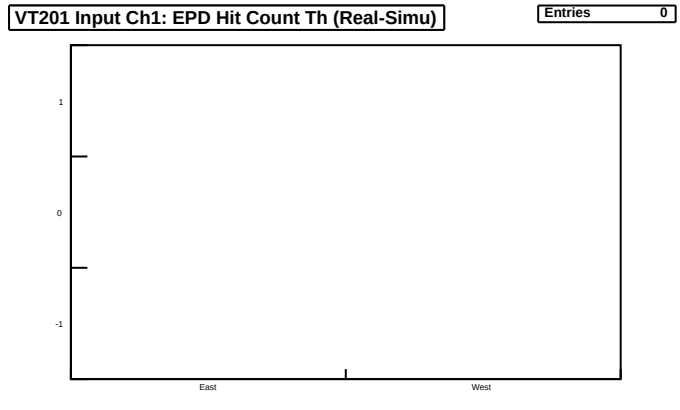

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1208734
367911
534734
236456
69633
East
West

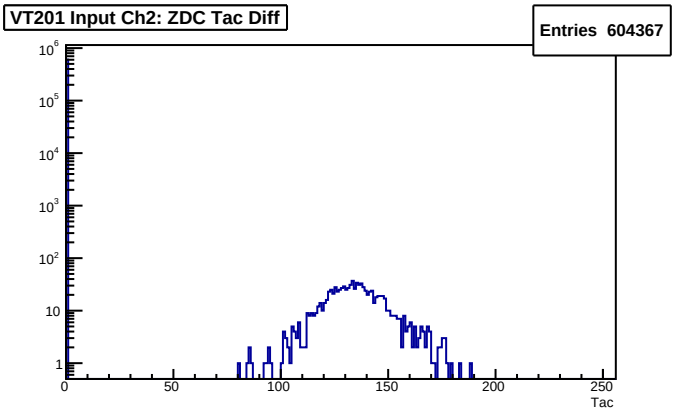

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

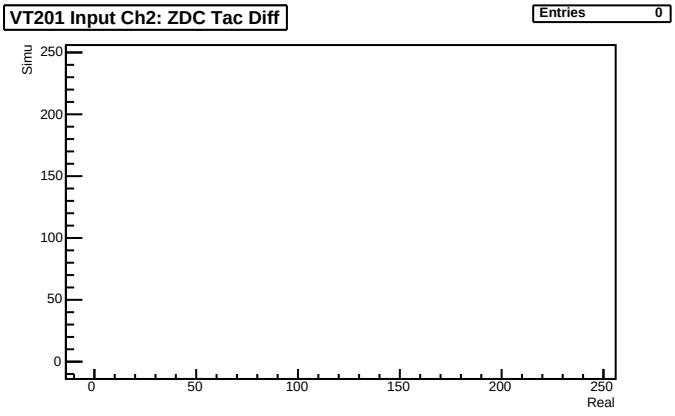

VT201 Input Ch1: EPD Tac Diff
Entries 604367
Tac

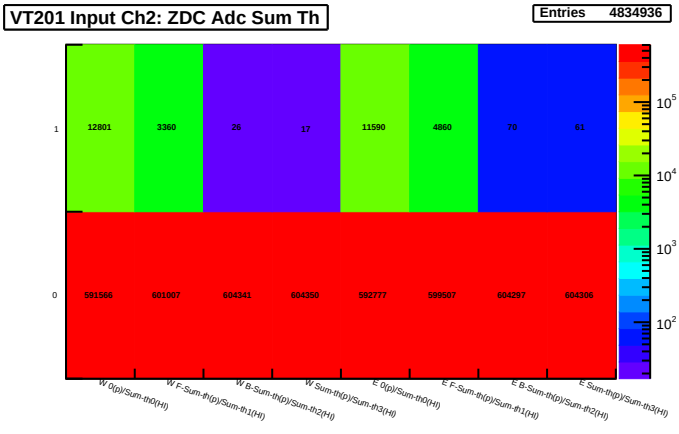

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

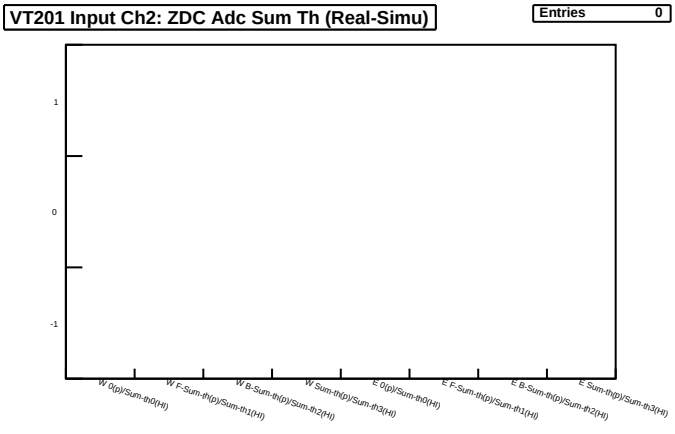

VT201 Input Ch1: EPD Hit Count Th
Entries 1208734
598792
597533
5575
6834
East
West

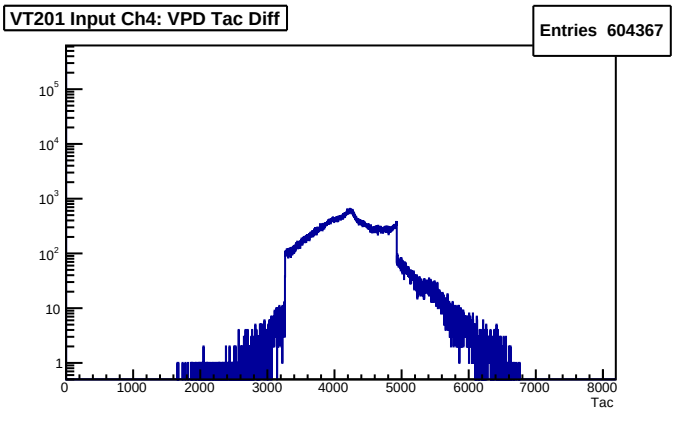

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

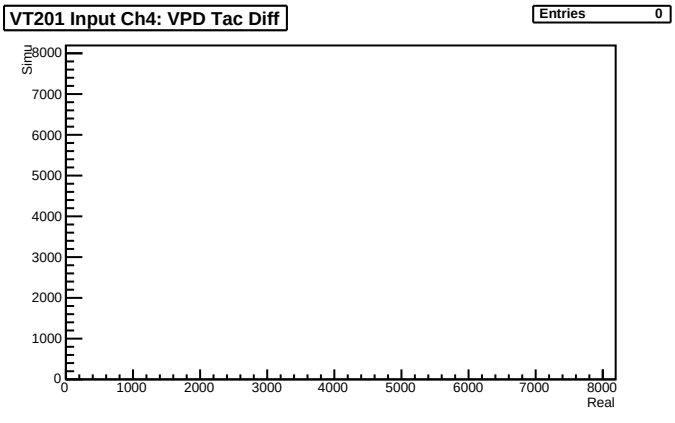

VT201 Input Ch2: ZDC Tac Diff
Entries 604367
Tac

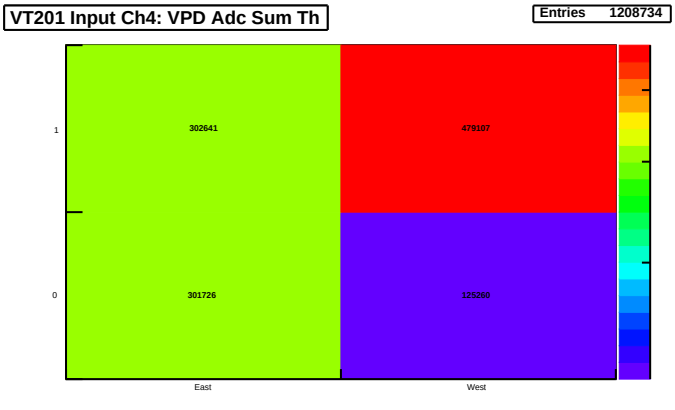

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

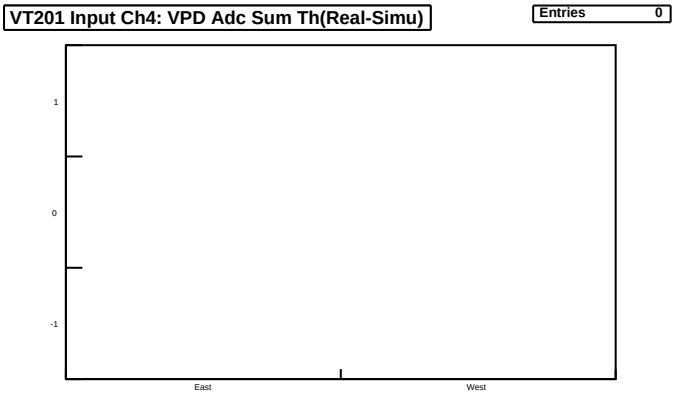

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4834936
12801
3360
26
17
11590
4860
70
61
591566
601007
604341
604350
592777
599507
604297
604306
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

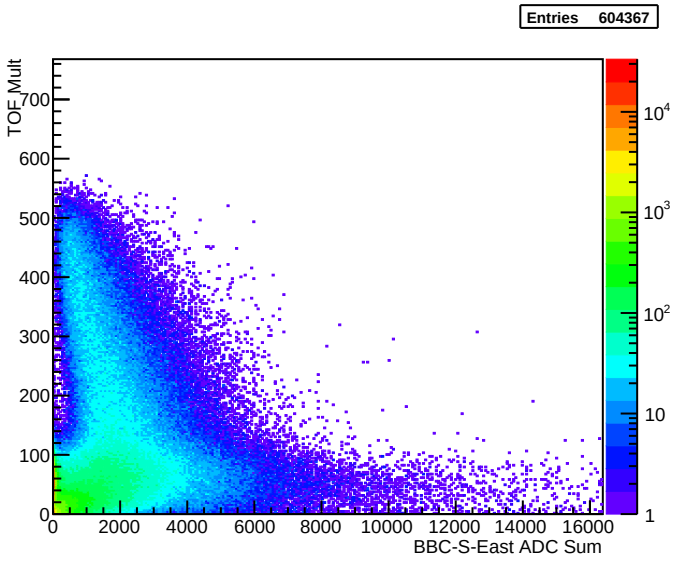

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

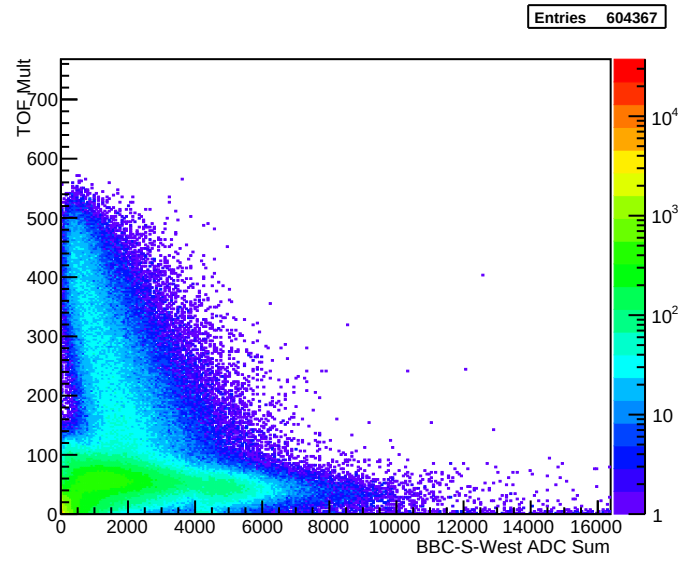

VT201 Input Ch4: VPD Tac Diff
Entries 604367
Tac

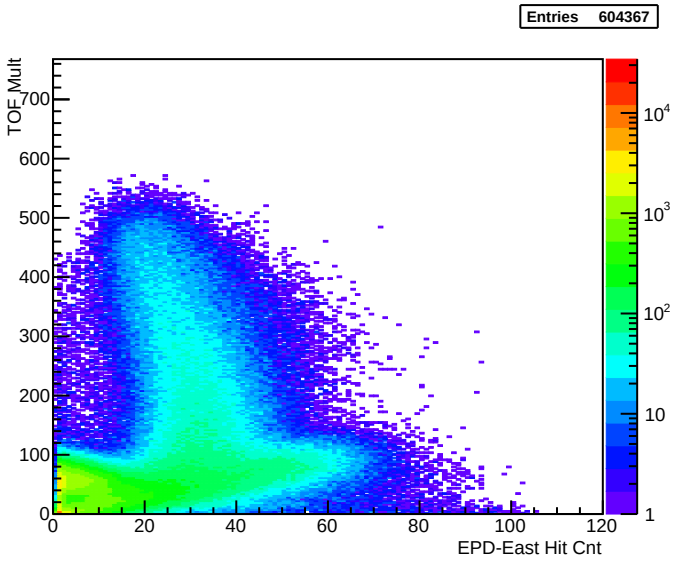

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

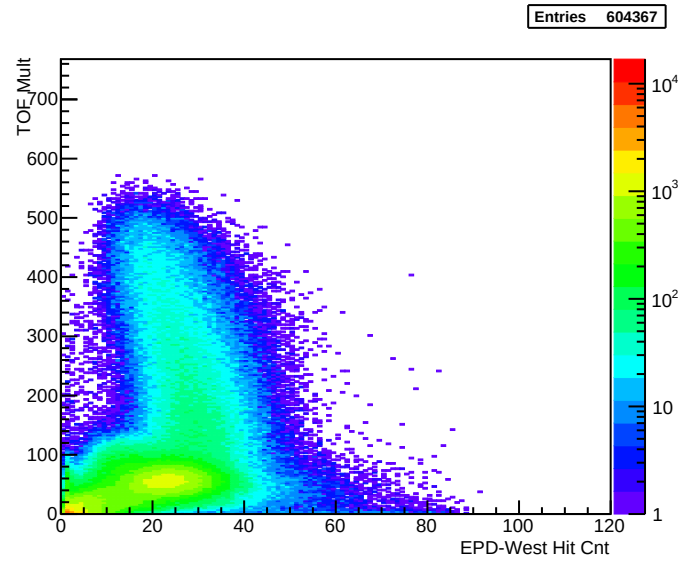

VT201 Input Ch4: VPD Adc Sum Th
Entries 1208734
302641
479107
301726
125260
East
West

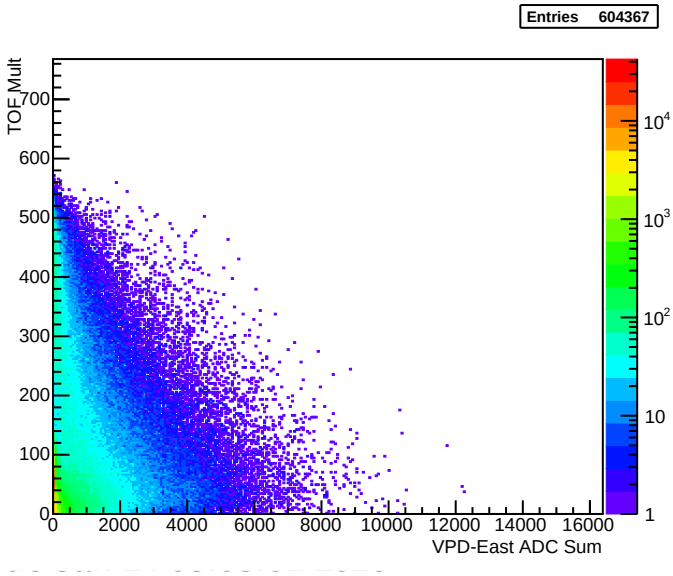

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

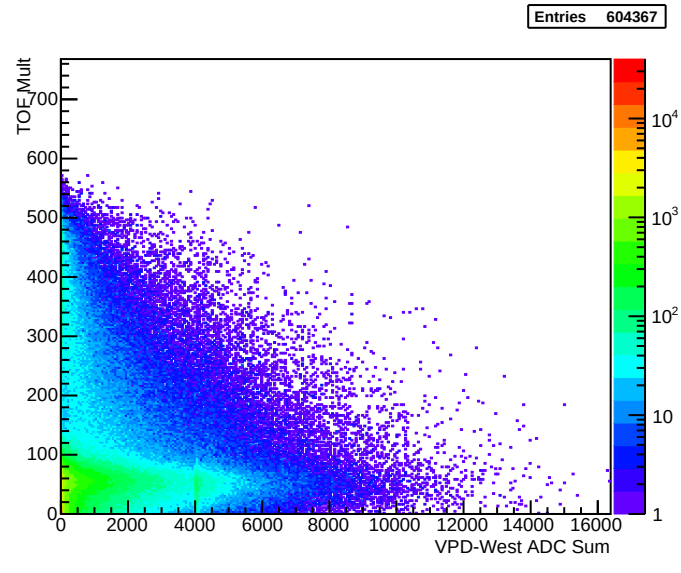

Entries 604367
TOF_Mult
BBC-S-East ADC Sum

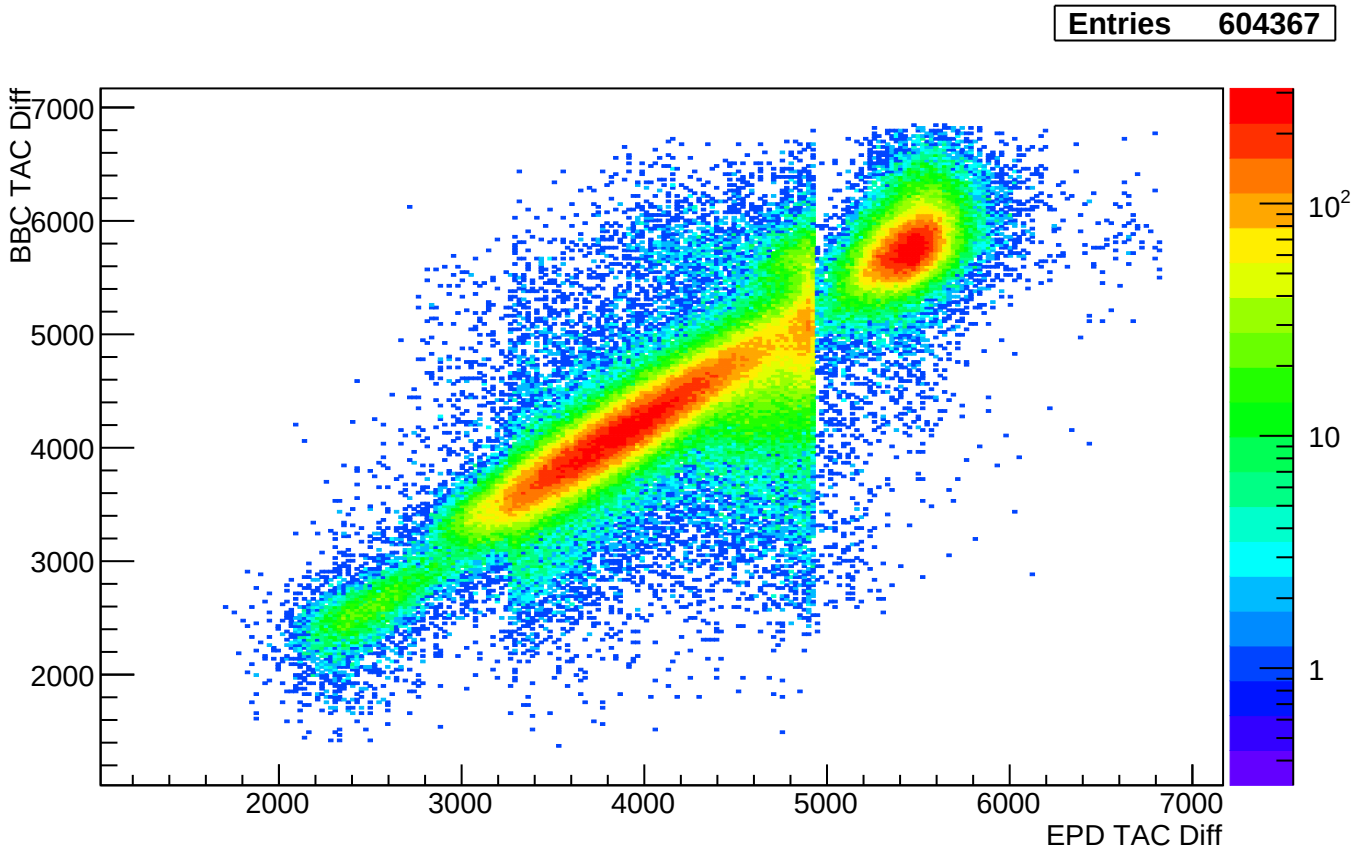

Entries 604367
TOF_Mult
BBC-S-West ADC Sum

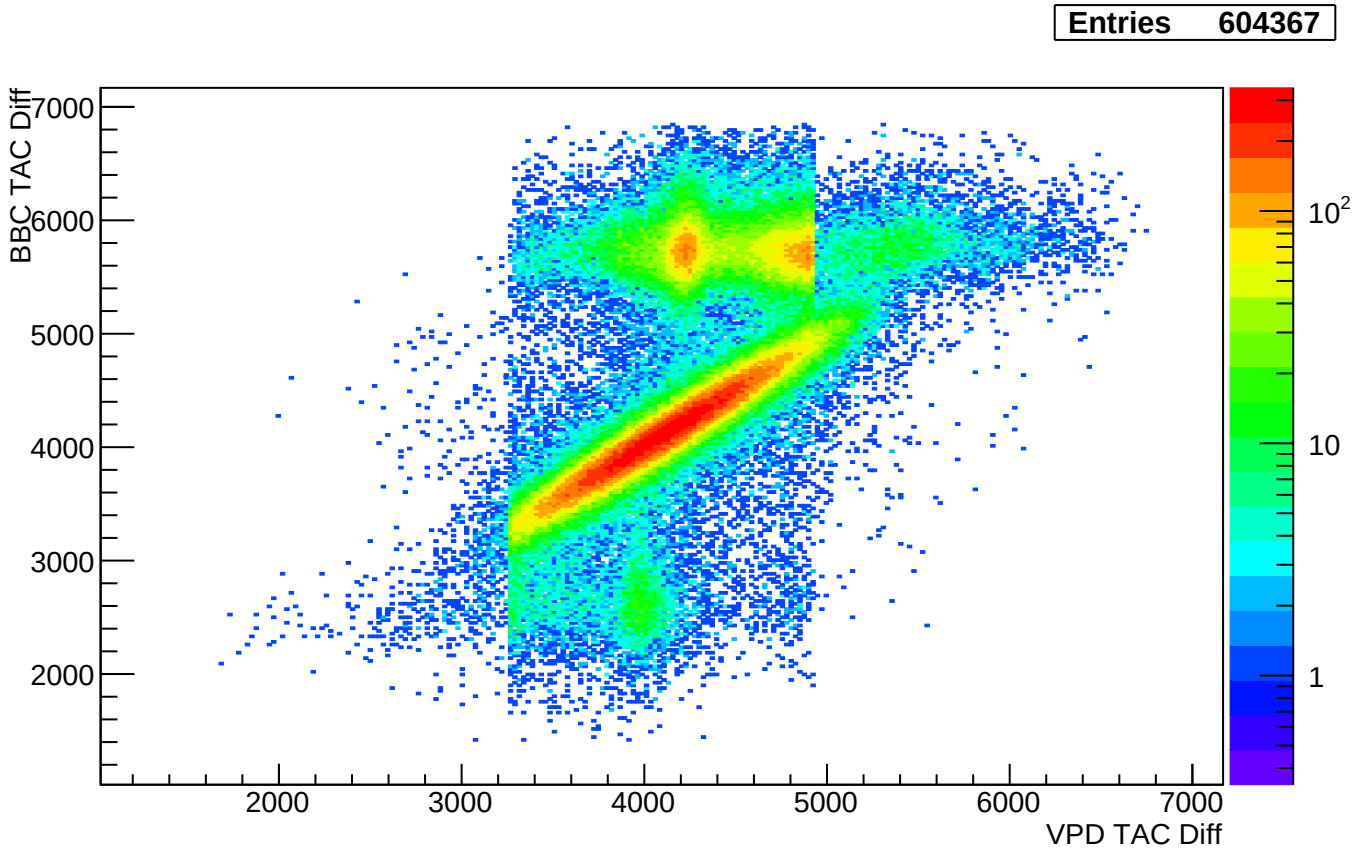

Entries 604367
TOF_Mult
EPD-East Hit Cnt

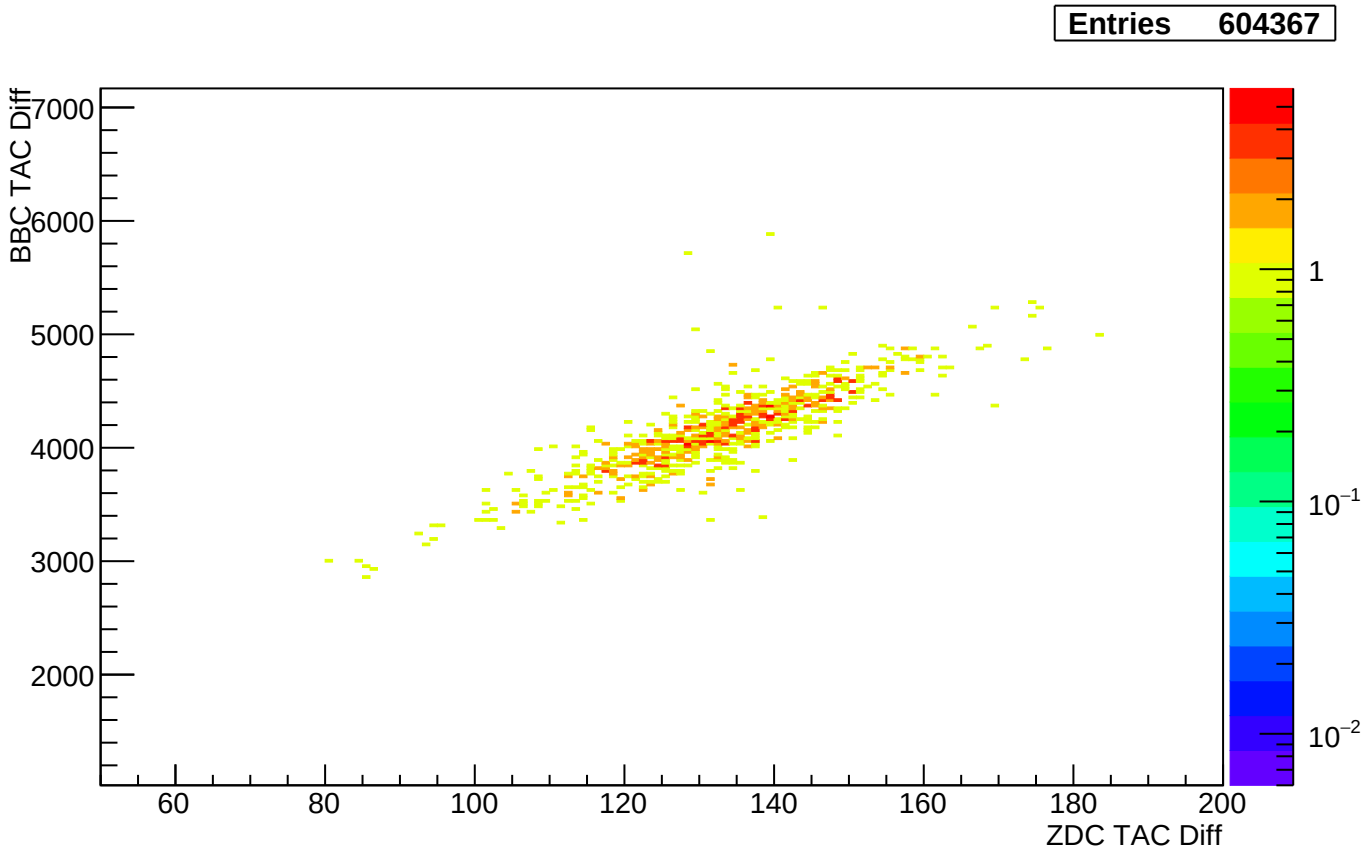

Entries 604367
TOF_Mult
EPD-West Hit Cnt

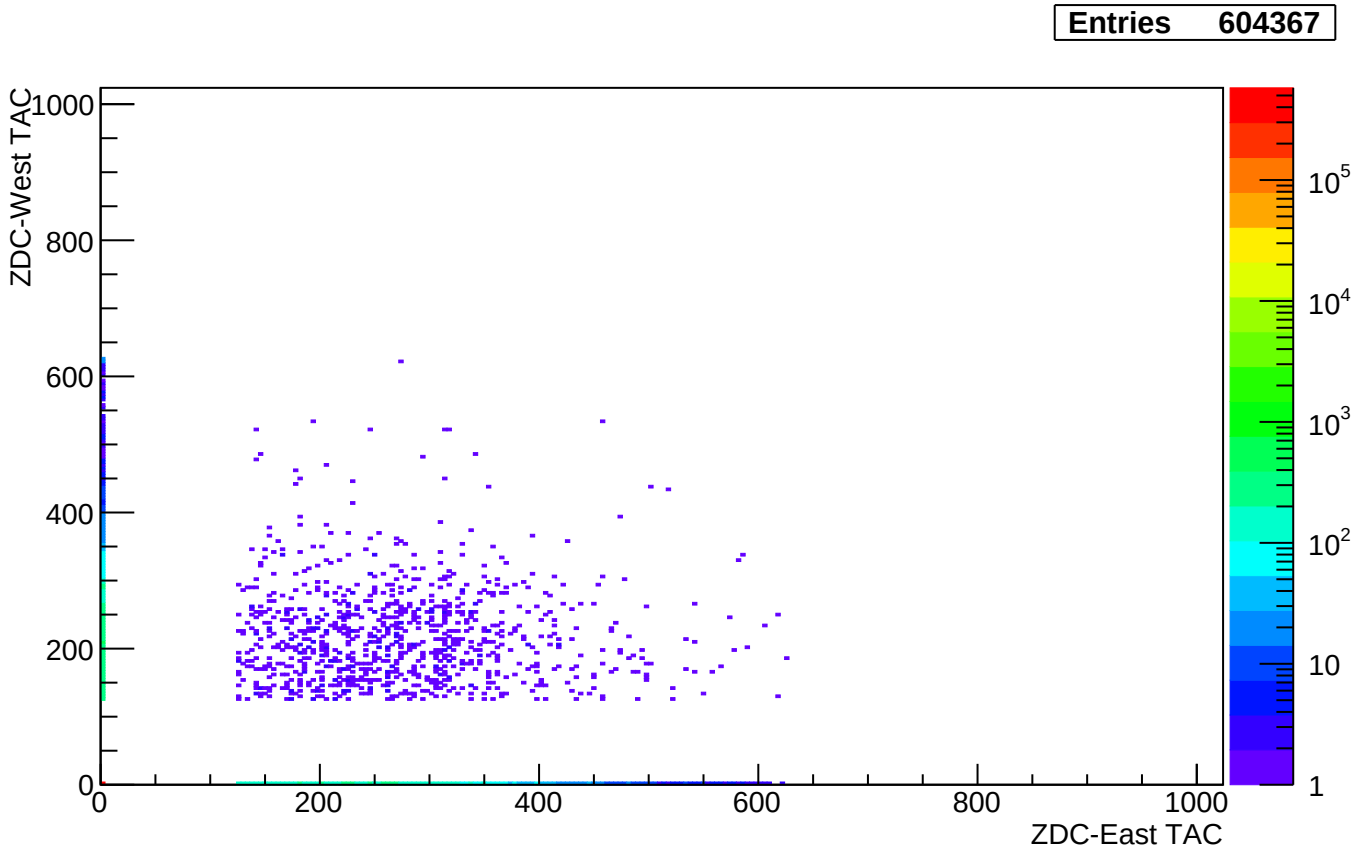

Entries 604367
TOF_Mult
VPD-East ADC Sum

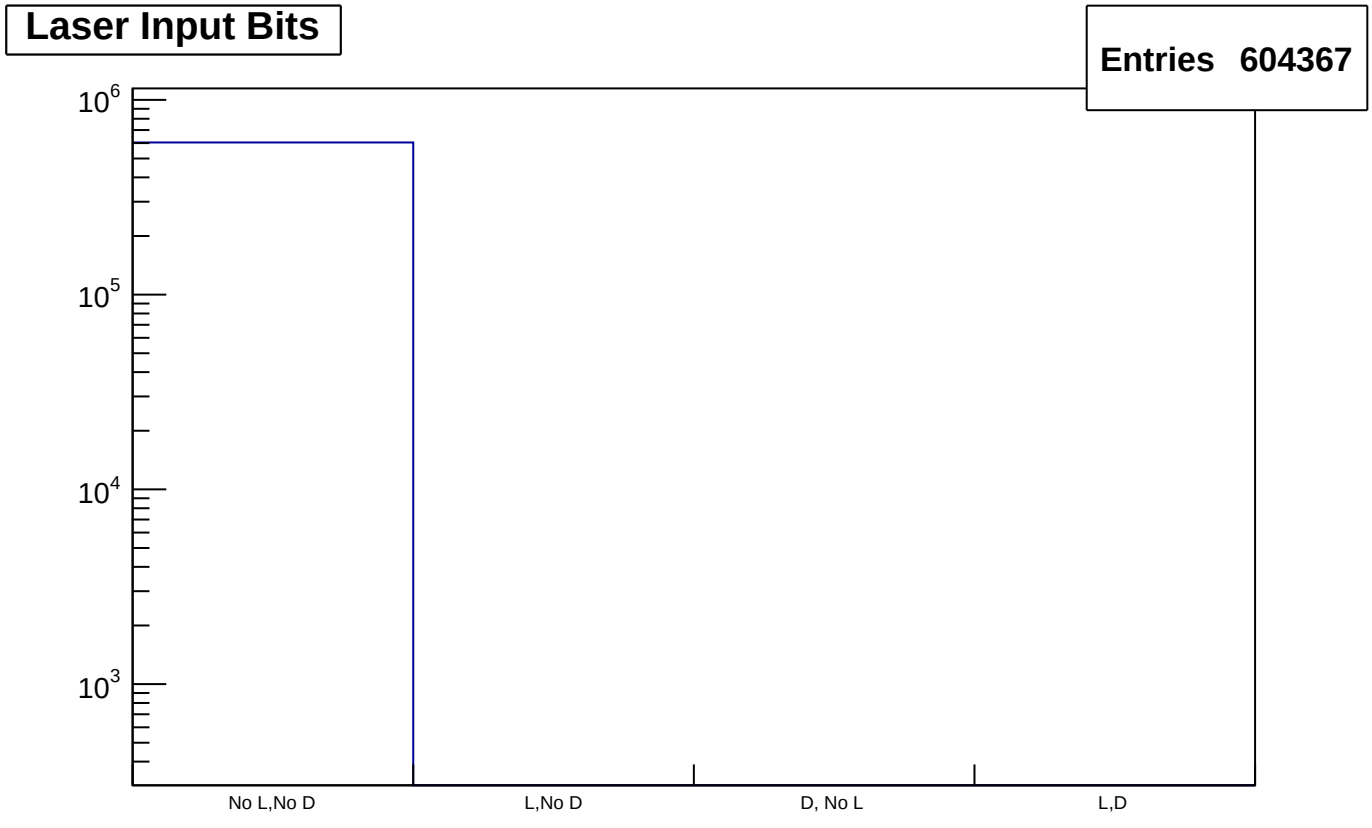

Entries 604367
TOF_Mult
VPD-West ADC Sum

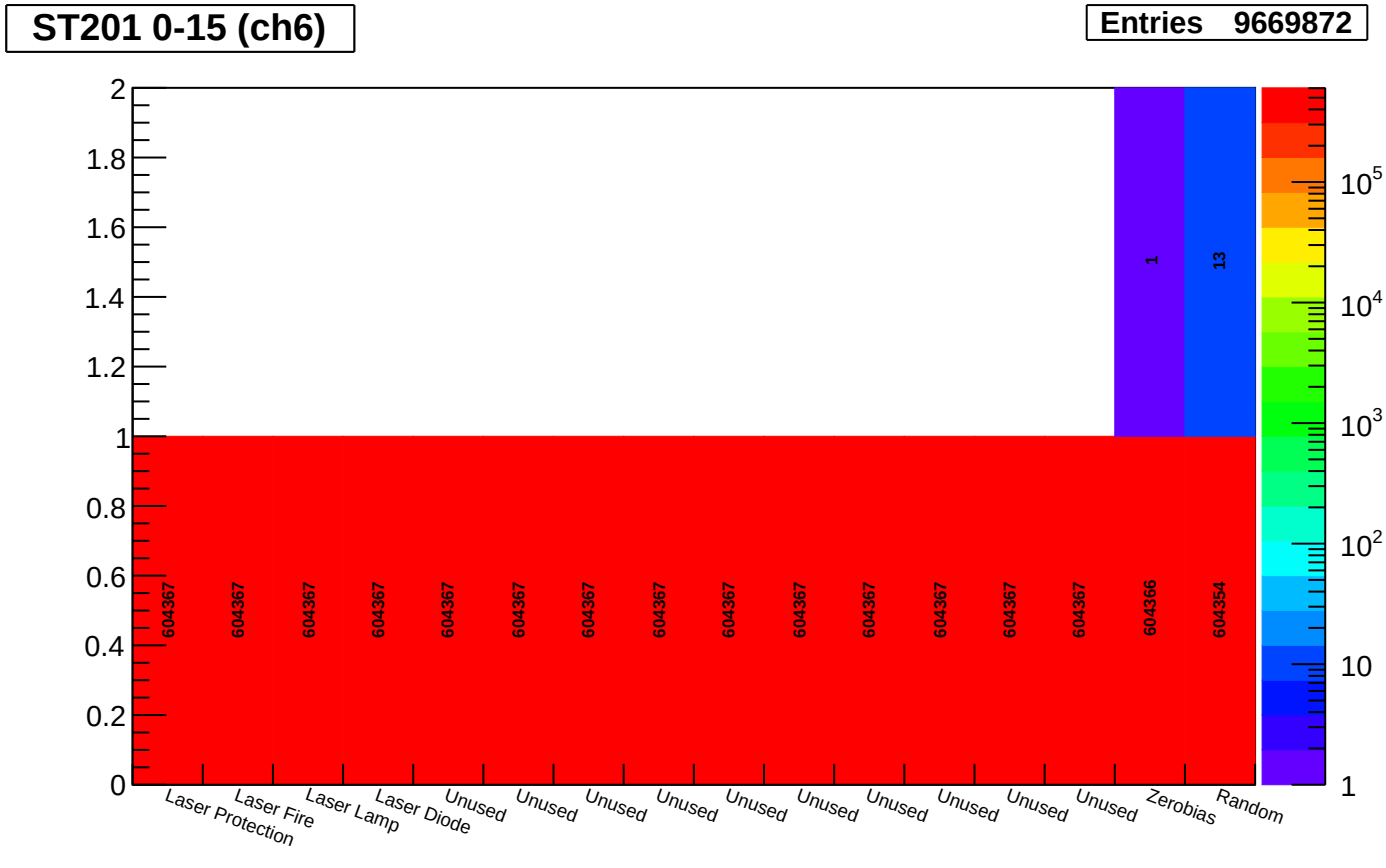

Entries 604367
BBC TAC Diff
EPD TAC Diff
2000
3000
4000
5000
6000
7000
1
10
10^2

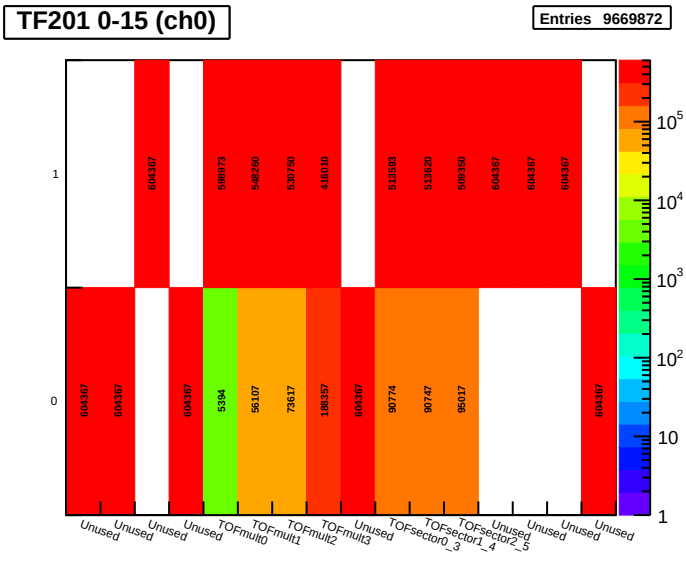

Entries 604367
BBC TAC Diff
VPD TAC Diff
2000
3000
4000
5000
6000
7000
1
10
10^2

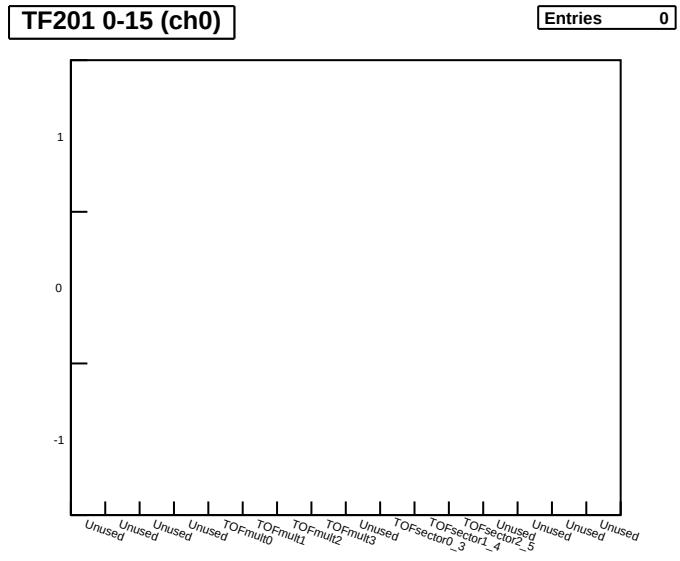

Entries 604367
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

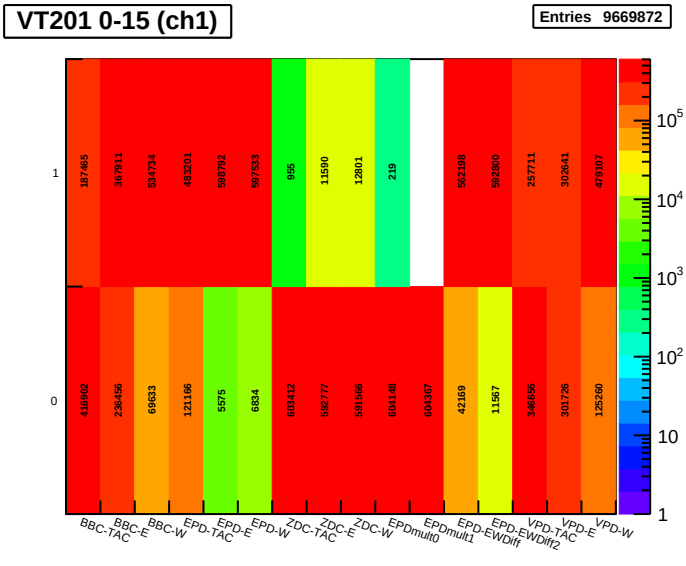

Entries 604367
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

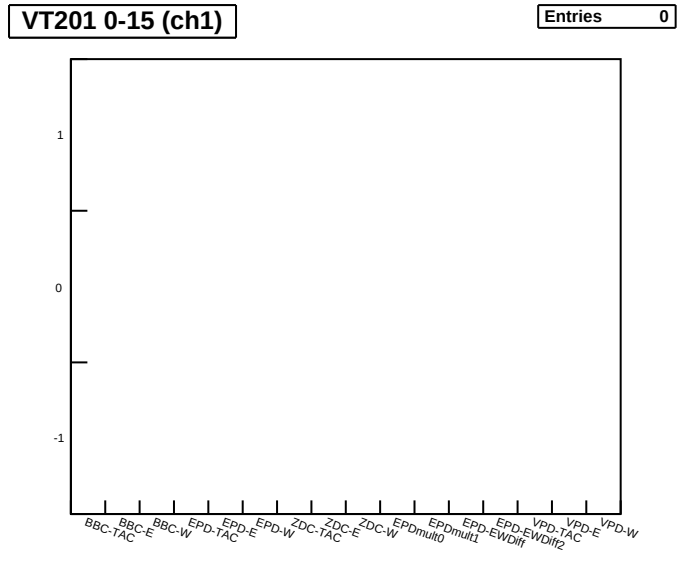

Laser Input Bits
Entries 604367
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

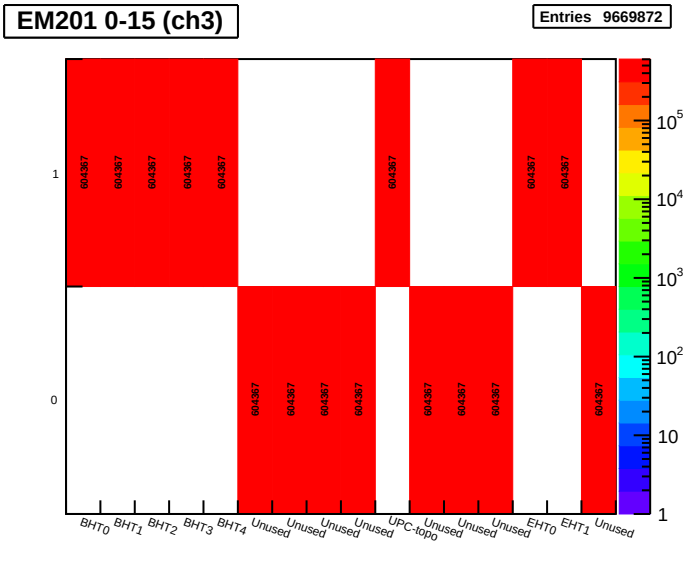

ST201 0-15 (ch6)
Entries 9669872
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
604367
604367
604367
604367
604367
604367
604367
604367
604367
604367
604367
604367
604367
604367
604366
604354
1
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

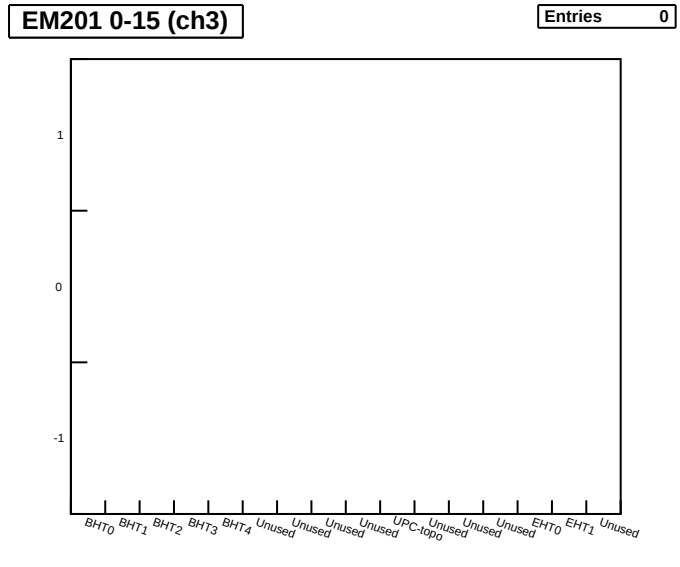

TF201 0-15 (ch0)
Entries 9669872
1
0
604367
548260
530750
416010
513593
513620
509350
5394
56107
73617
188357
90774
90747
95017
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 9669872
1
0
187465
357911
534734
483201
598792
597533
955
11590
12801
219
562198
592800
257711
302641
479107
416902
238456
69633
121166
5575
6834
603412
592777
591566
604148
604367
42169
11567
346656
301726
125260
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 9669872
1
0
604367
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


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