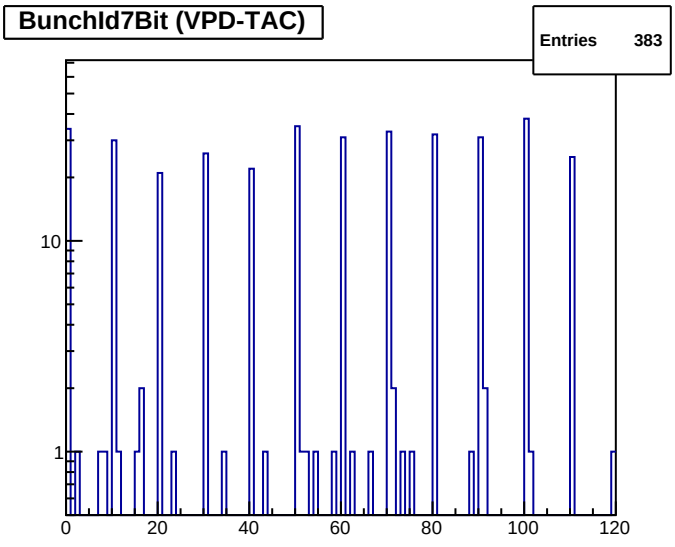
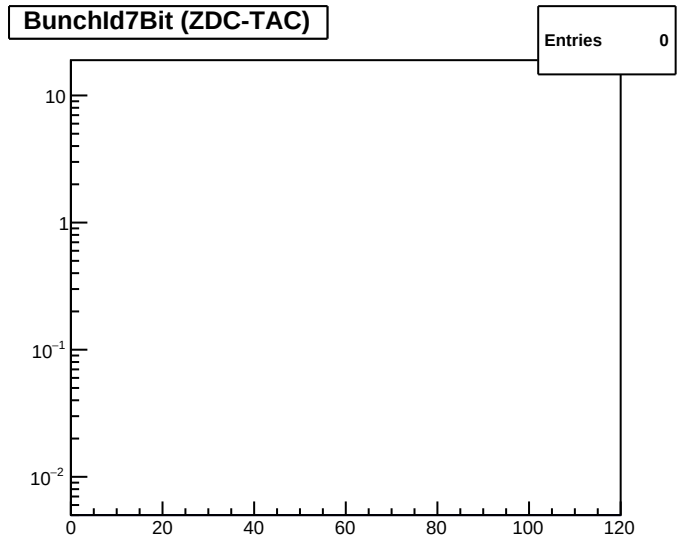
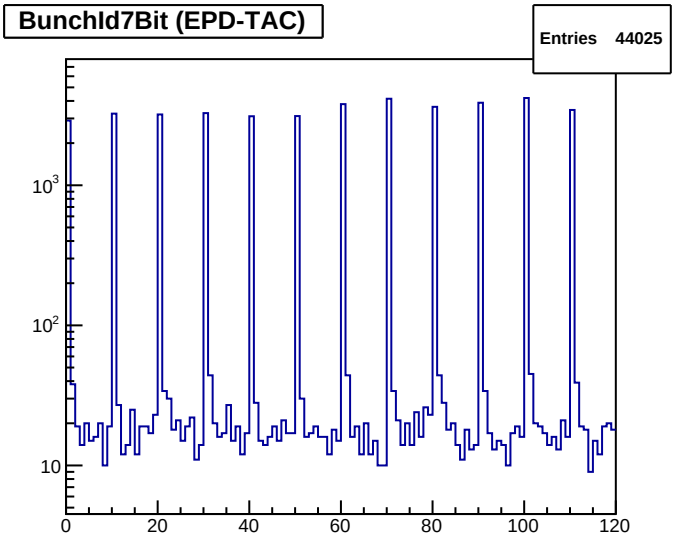
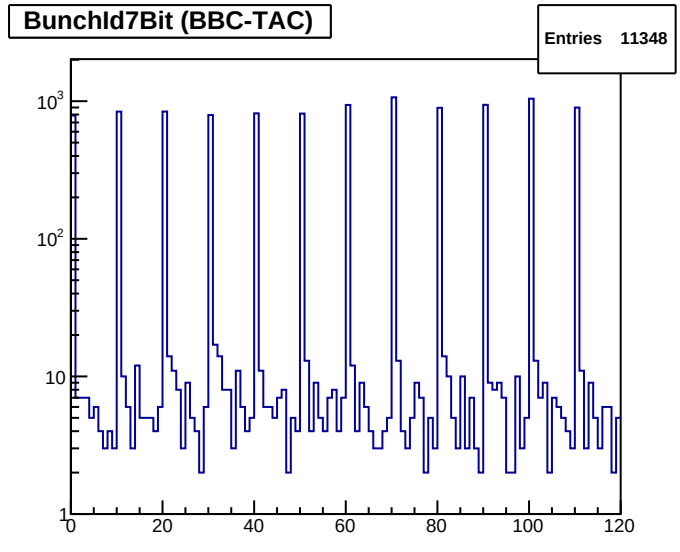
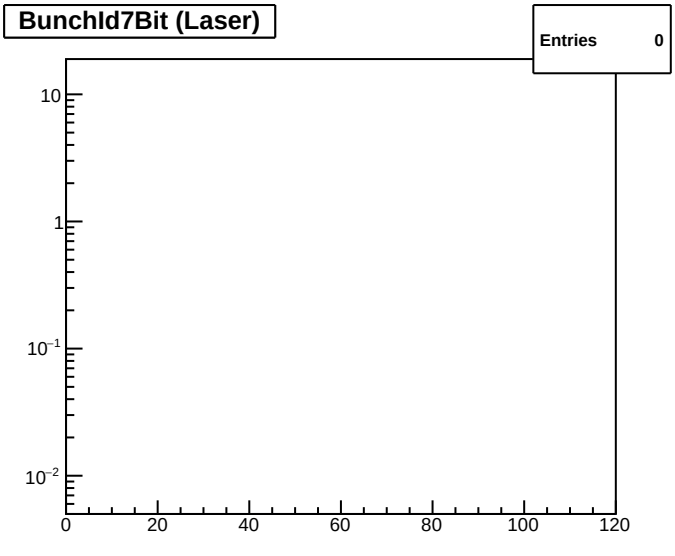
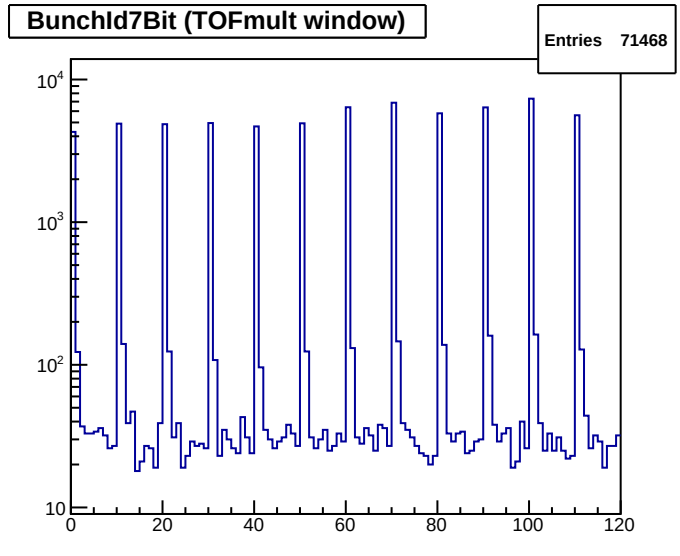

BunchId7Bit (VPD-TAC)
Entries 383

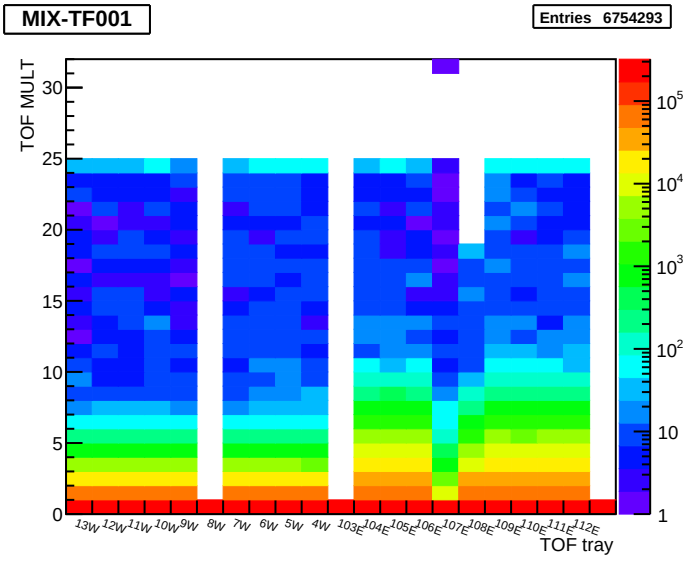

BunchId7Bit (ZDC-TAC)
Entries 0

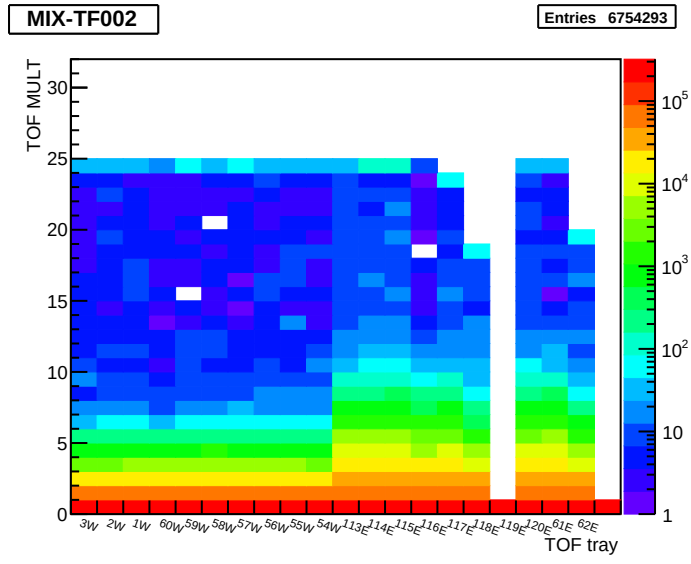

BunchId7Bit (EPD-TAC)
Entries 44025

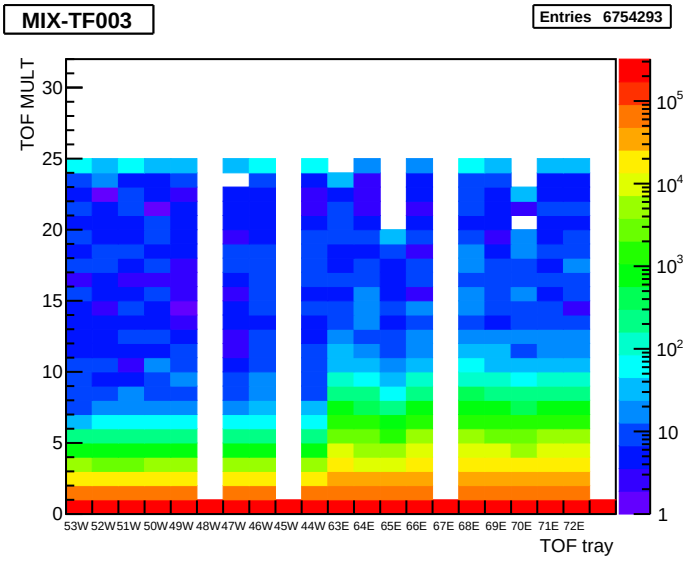

BunchId7Bit (BBC-TAC)
Entries 11348

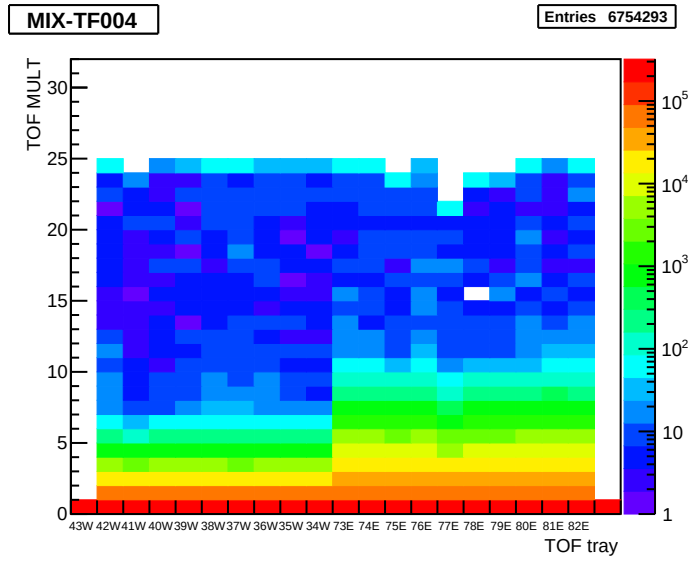

BunchId7Bit (Laser)
Entries 0

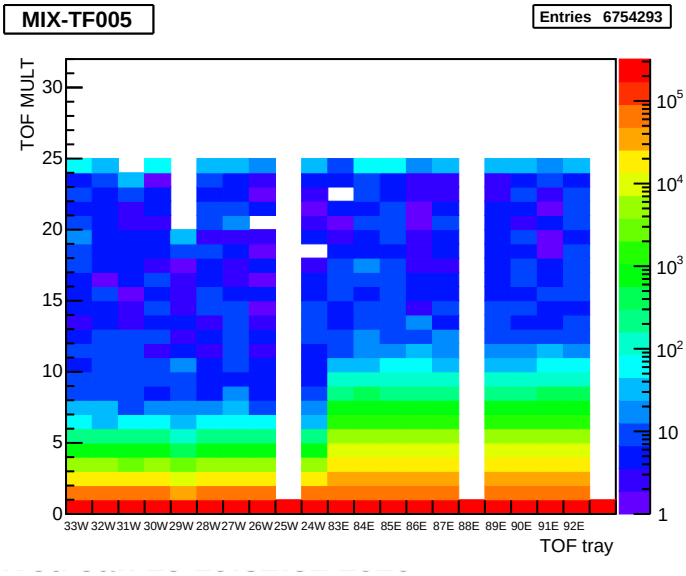

BunchId7Bit (TOFmult window)
Entries 71468

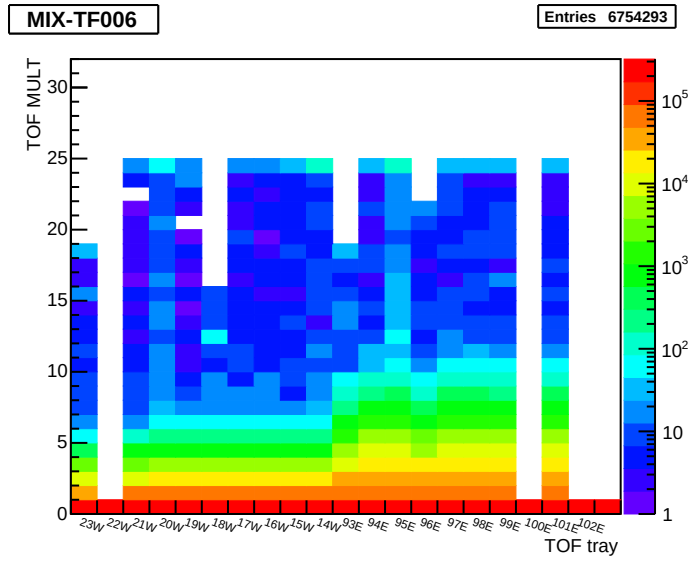

MIX-TF001
Entries 6754293
TOF MULT
TOF tray

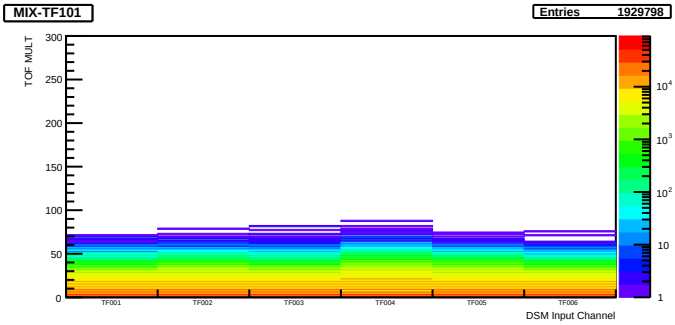

MIX-TF002
Entries 6754293
TOF MULT
TOF tray

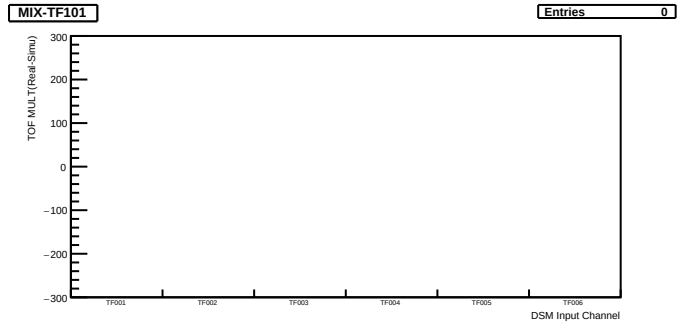

MIX-TF003
Entries 6754293
TOF MULT
TOF tray

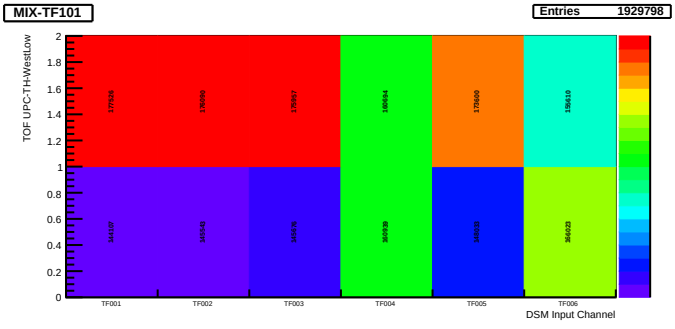

MIX-TF004
Entries 6754293
TOF MULT
TOF tray

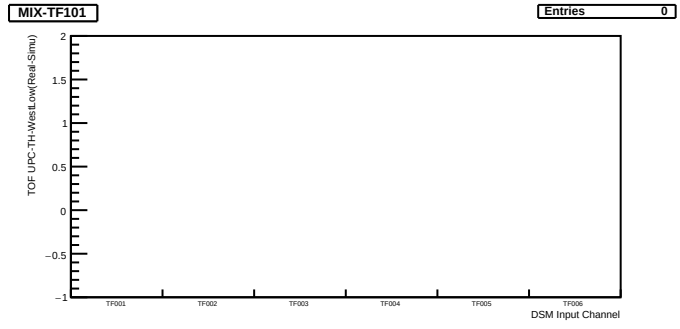

MIX-TF005
Entries 6754293
TOF MULT
TOF tray

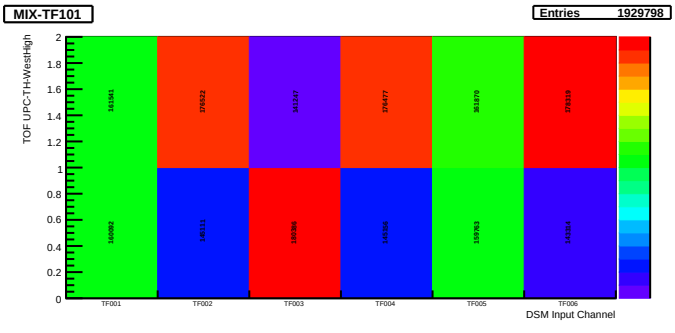

MIX-TF006
Entries 6754293
TOF MULT
TOF tray

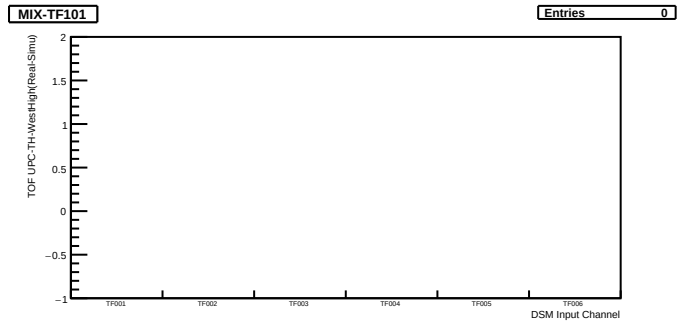

MIX-TF101
Entries 1929798
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

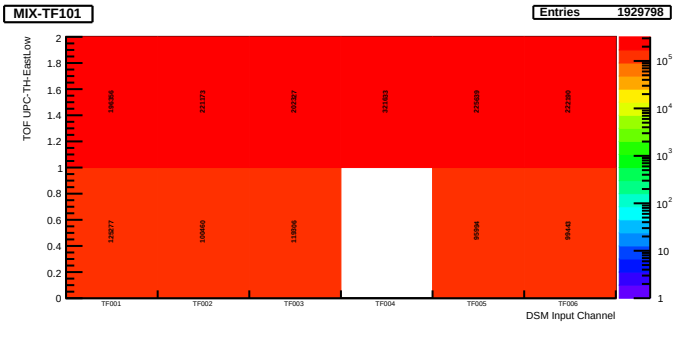

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

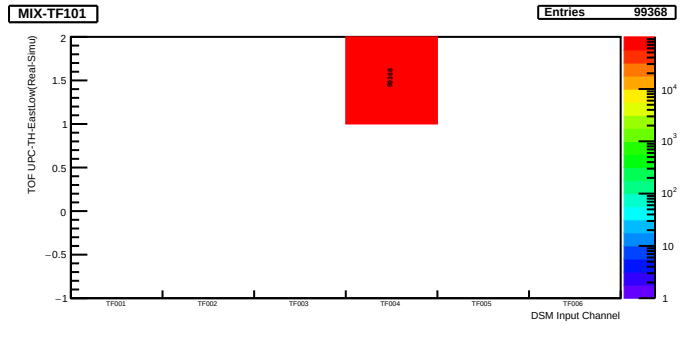

MIX-TF101
Entries 1929798
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

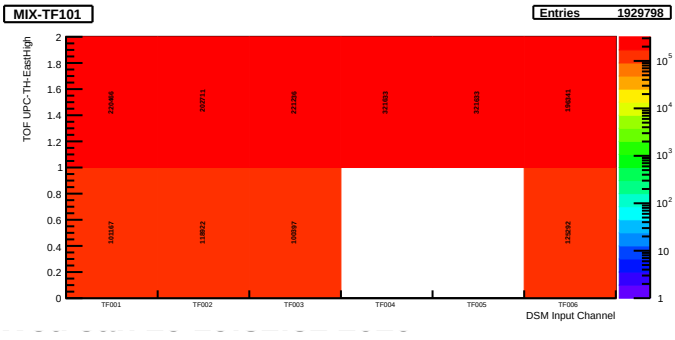

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

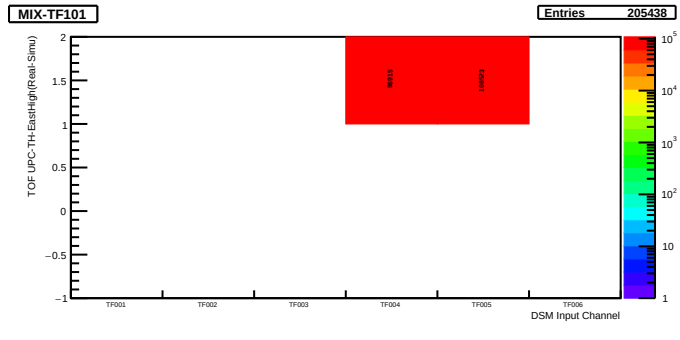

MIX-TF101
Entries 1929798
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

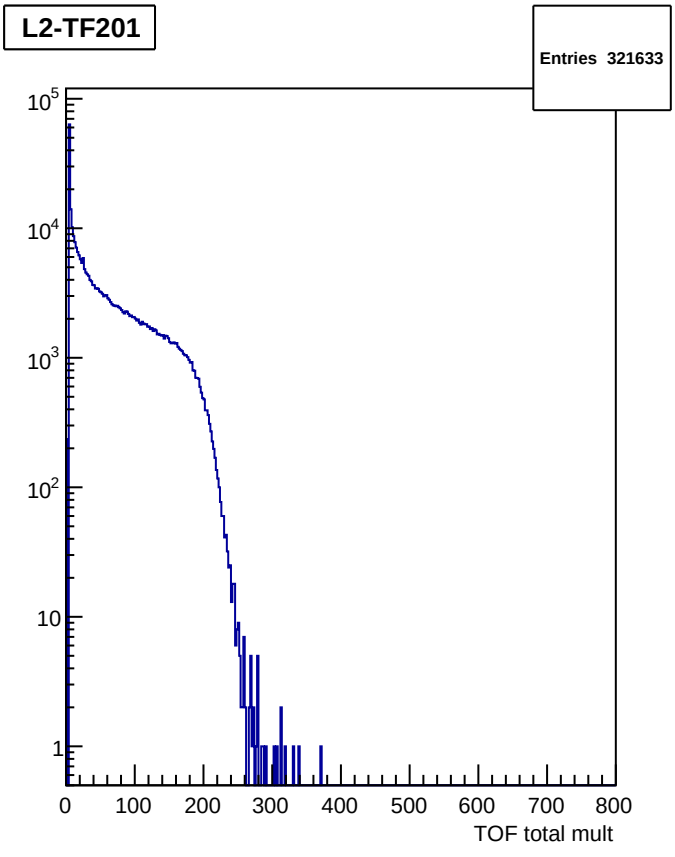

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

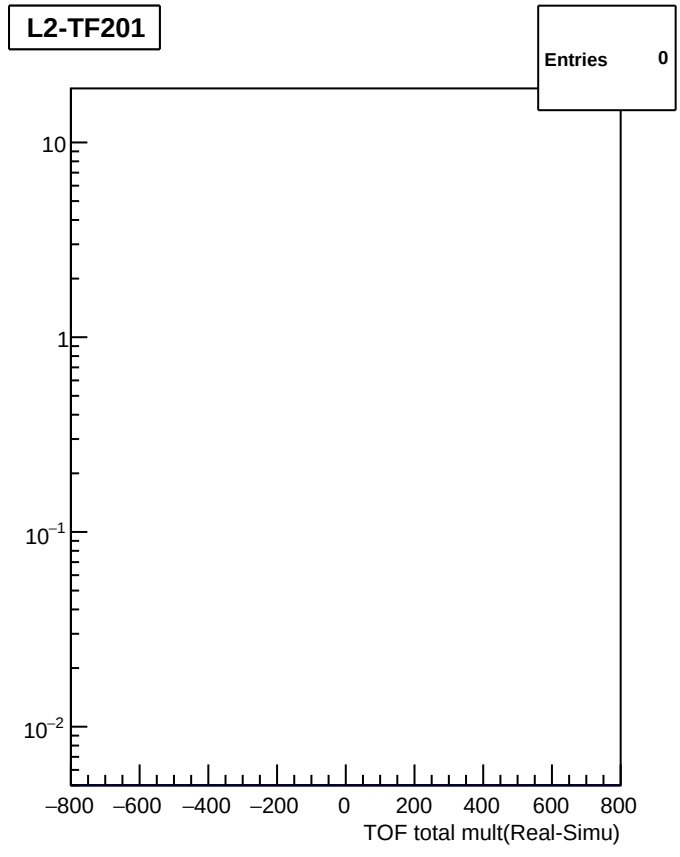

MIX-TF101
Entries 1929798
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

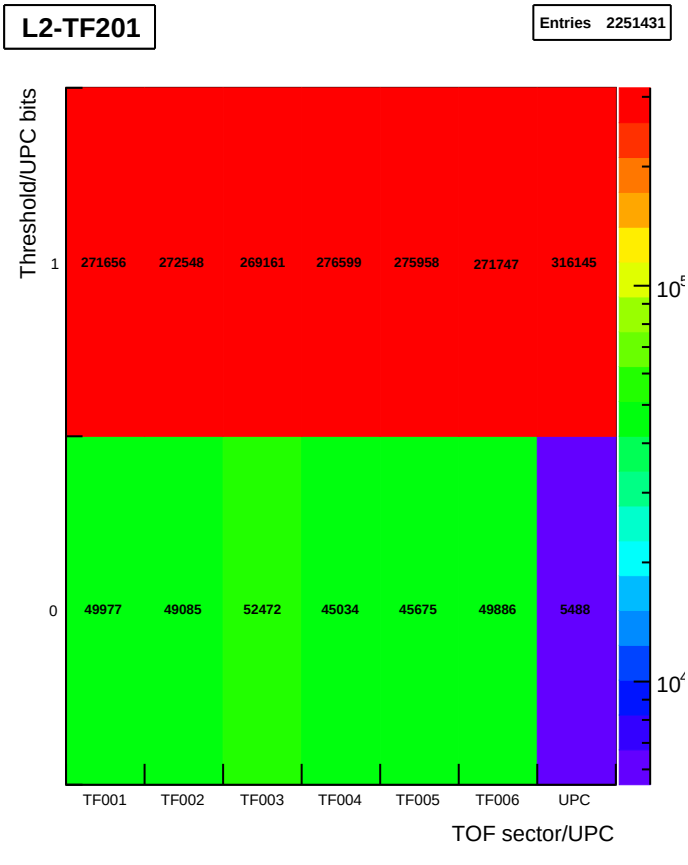

MIX-TF101
Entries 99368
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

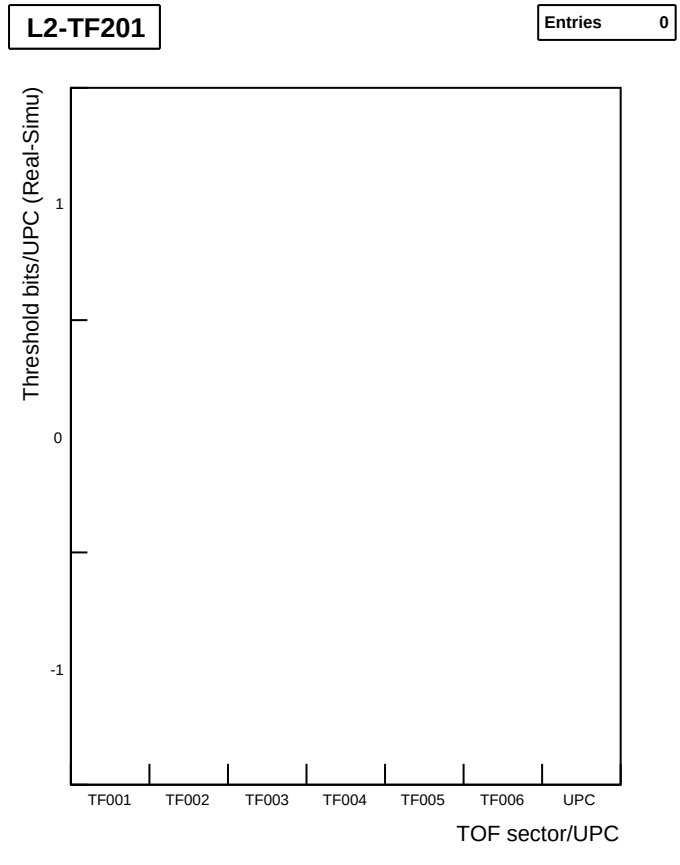

MIX-TF101
Entries 1929798
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

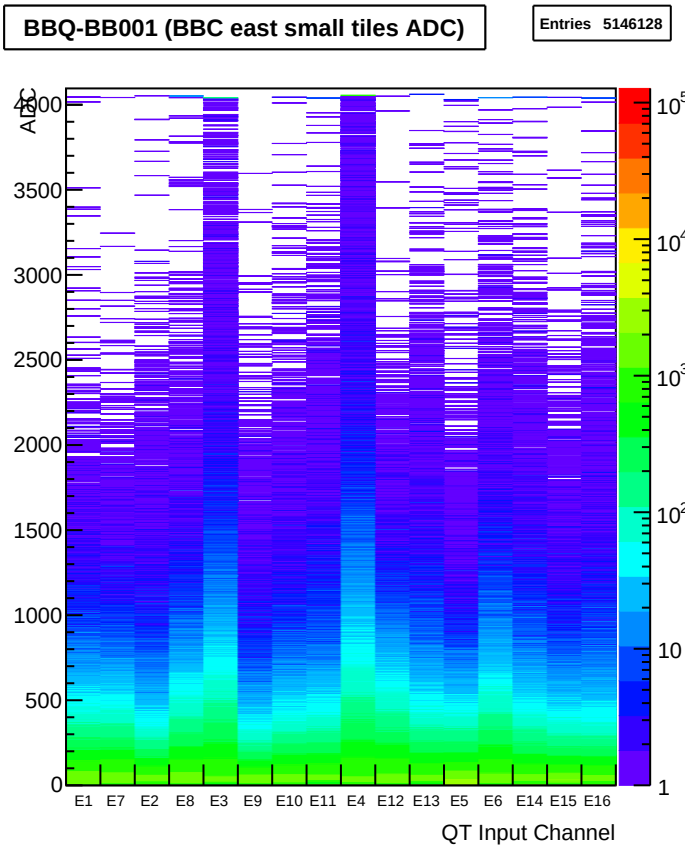

MIX-TF101
Entries 205438
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

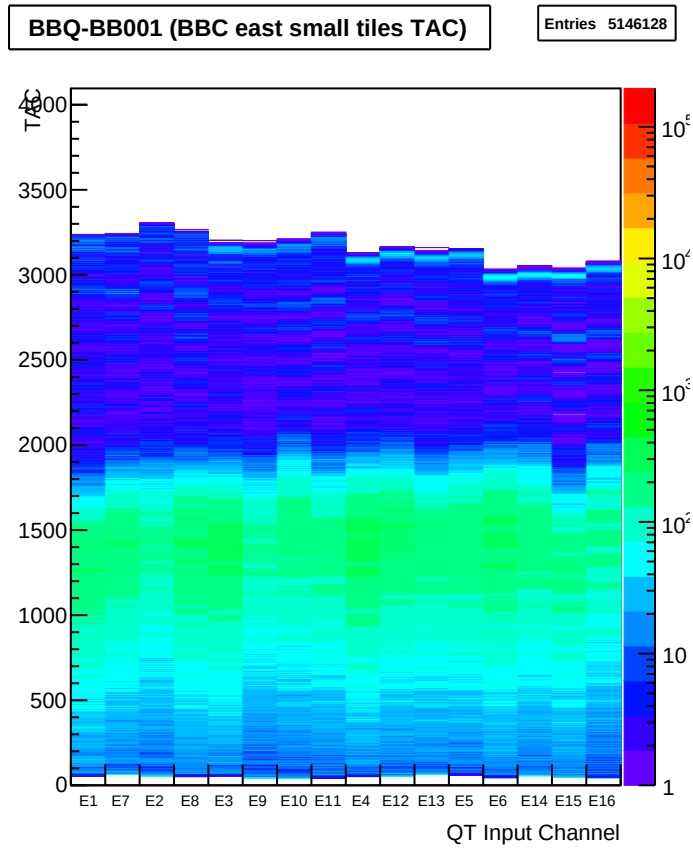

L2-TF201
Entries 321633
TOF total mult

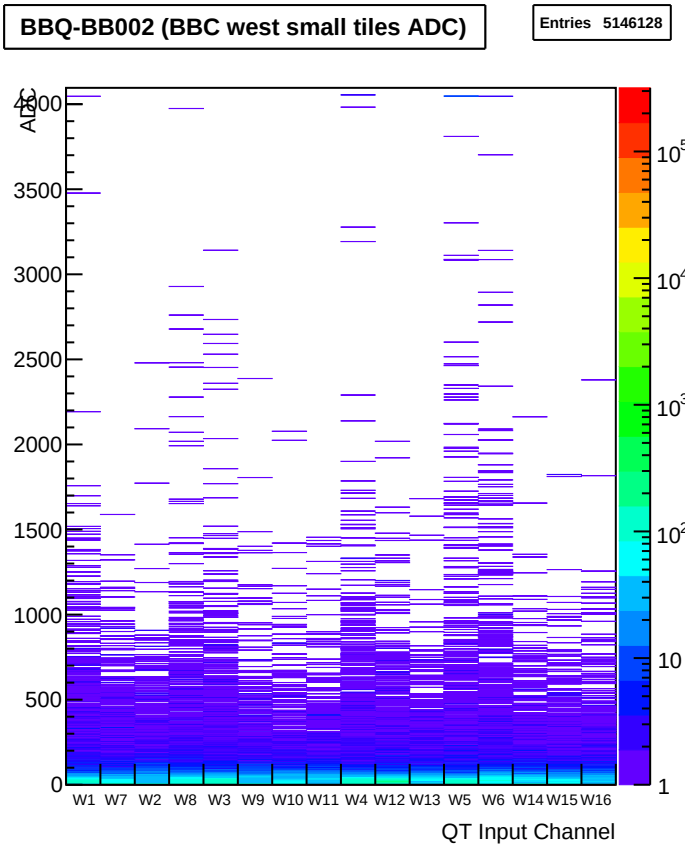

L2-TF201
Entries 0
TOF total mult(Real-Simu)

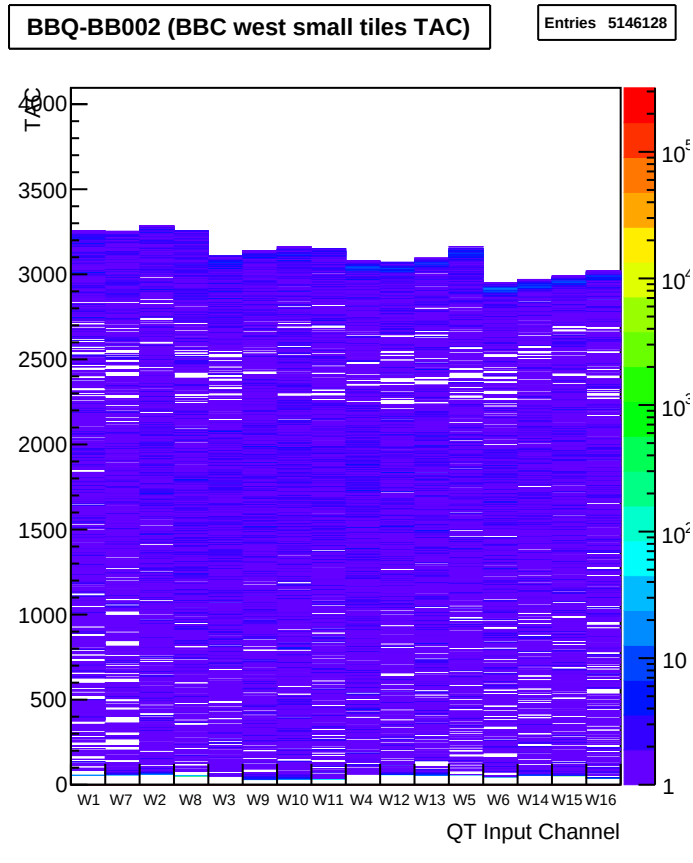

L2-TF201
Entries 2251431
Threshold/UPC bits
271656
272548
269161
276599
275958
271747
316145
49977
49085
52472
45034
45675
49886
5488
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

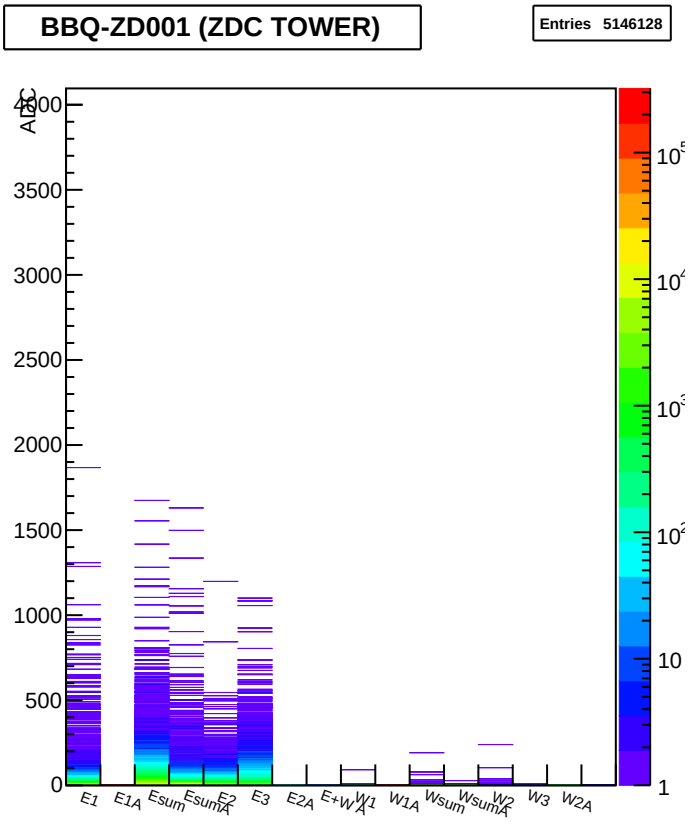

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

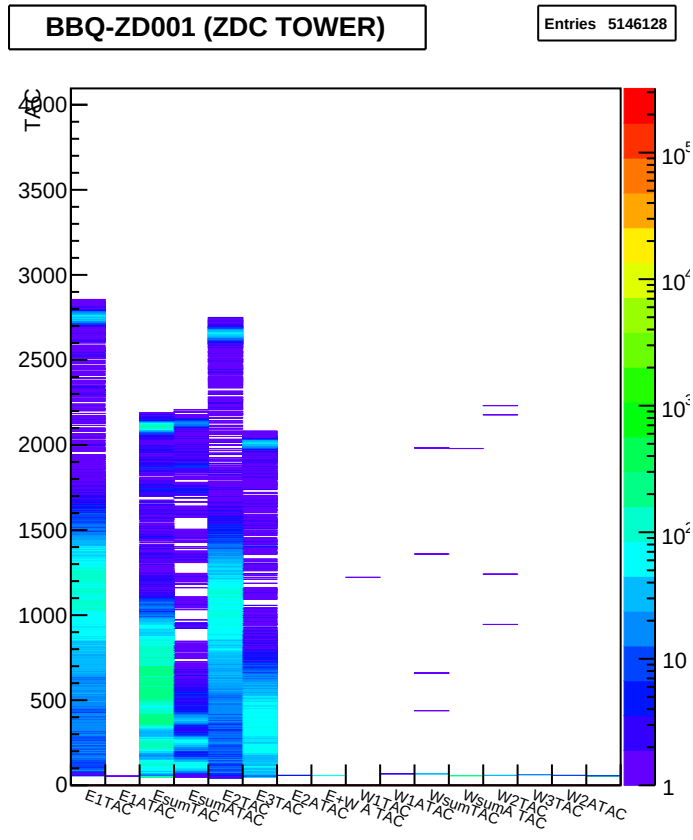

BBQ-BB001 (BBC east small tiles ADC)
Entries 5146128
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

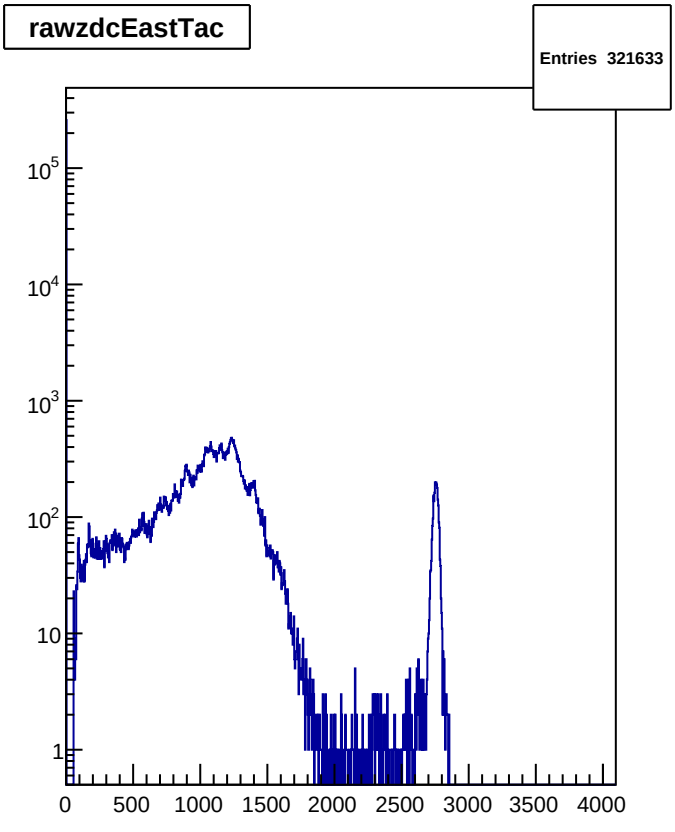

BBQ-BB001 (BBC east small tiles TAC)
Entries 5146128
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

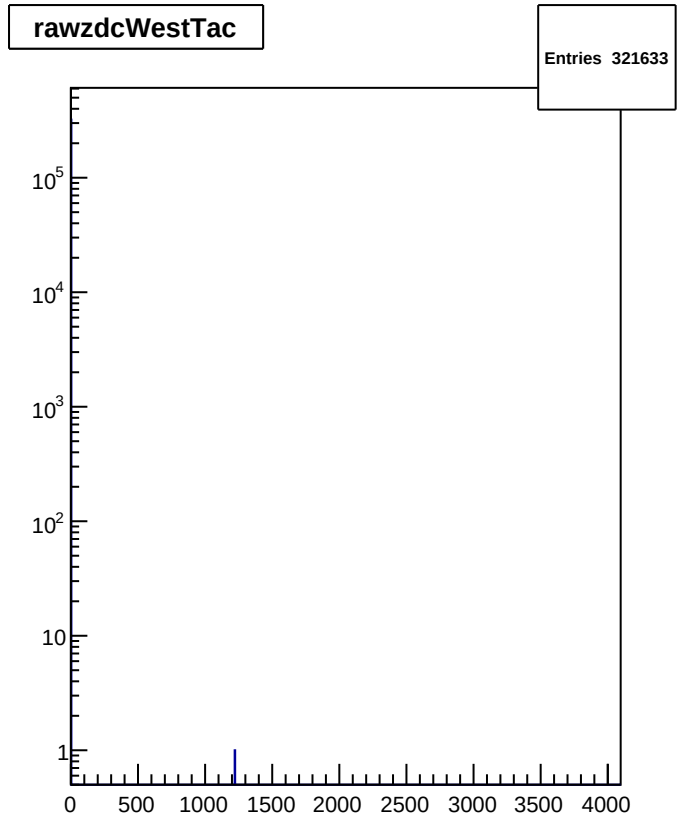

BBQ-BB002 (BBC west small tiles ADC)
Entries 5146128
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

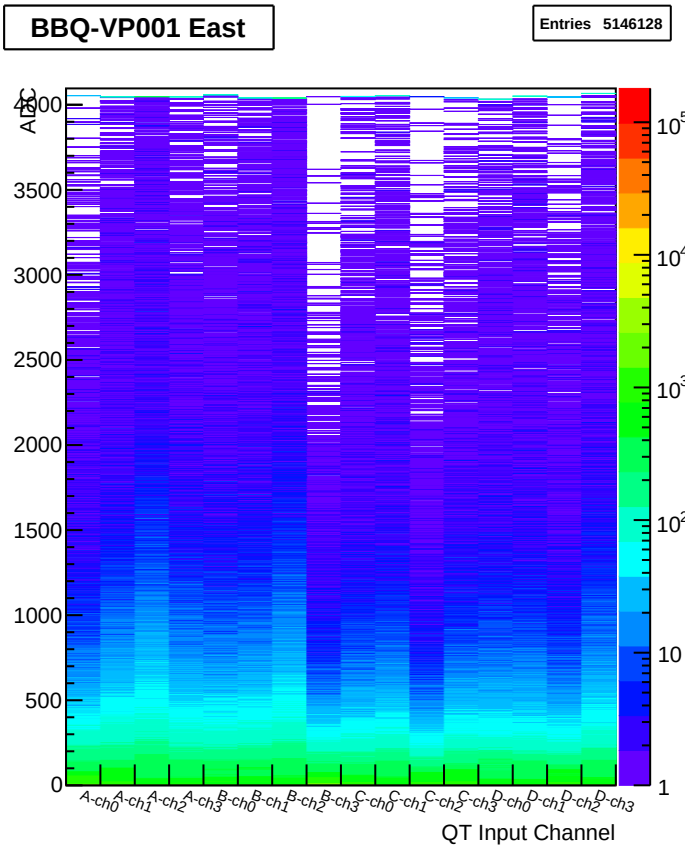

BBQ-BB002 (BBC west small tiles TAC)
Entries 5146128
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

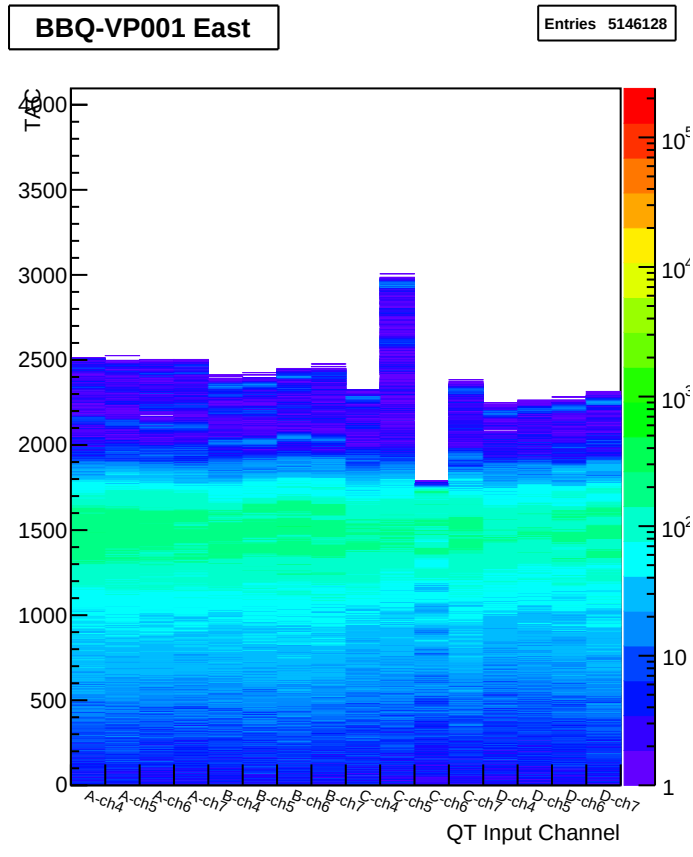

BBQ-ZD001 (ZDC TOWER)
Entries 5146128
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

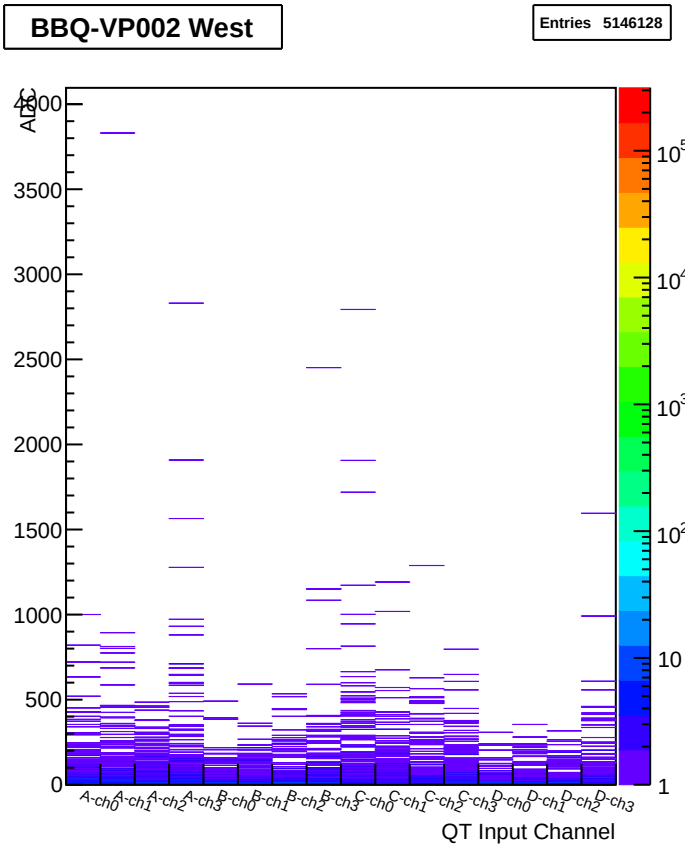

BBQ-ZD001 (ZDC TOWER)
Entries 5146128
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumATAC
W2TAC
W3TAC
W2ATAC

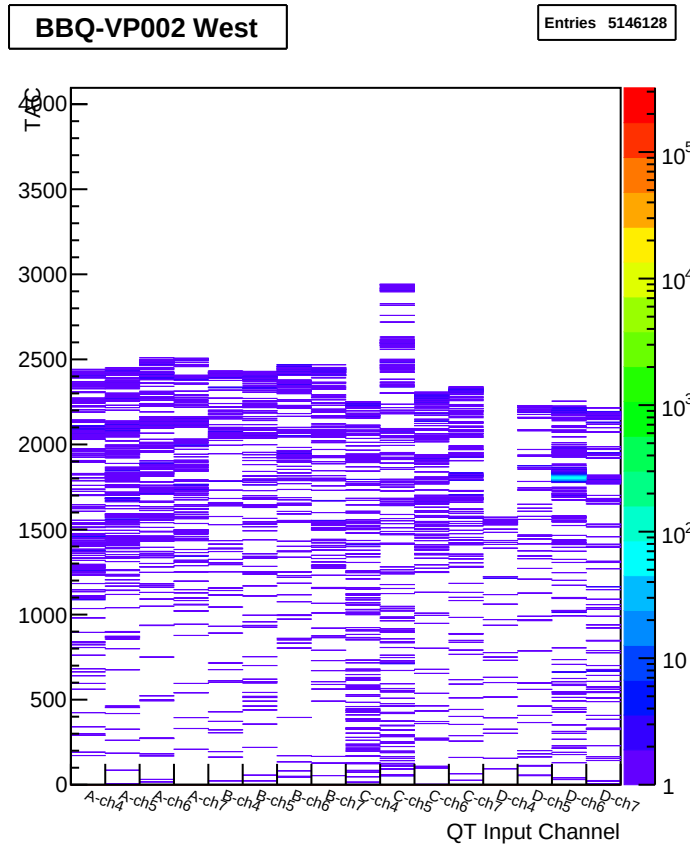

rawzdcEastTac
Entries 321633

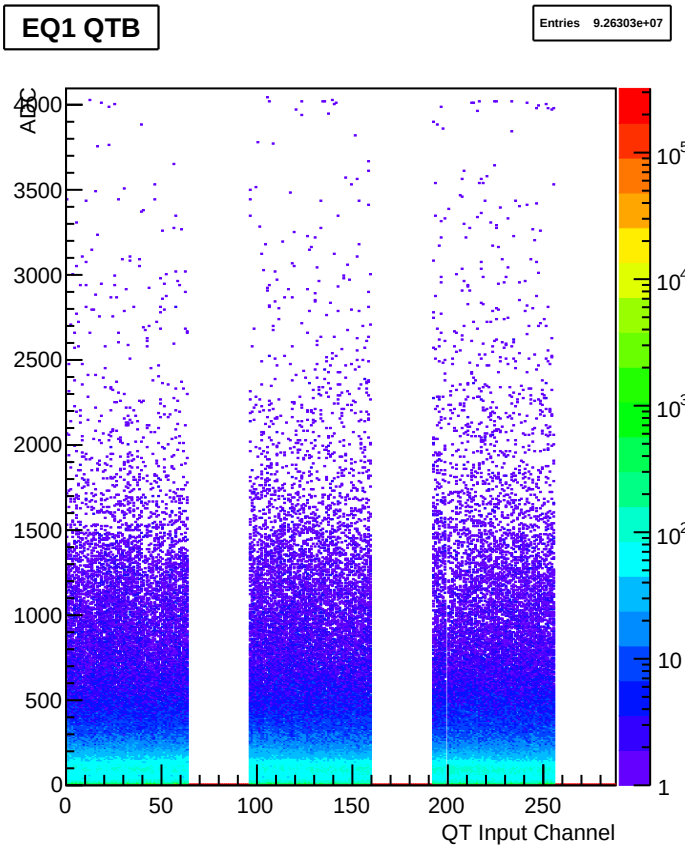

rawzdcWestTac
Entries 321633

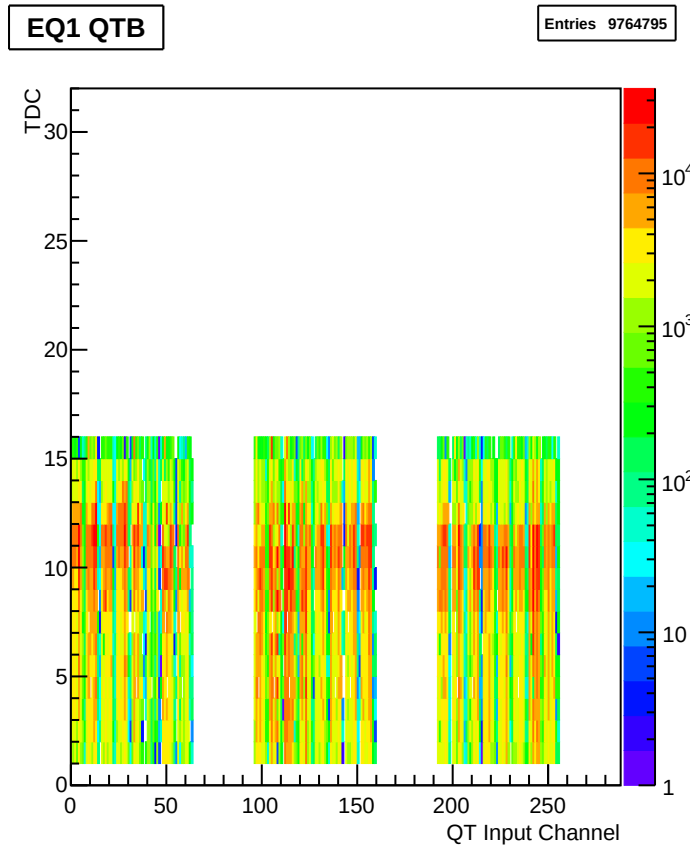

BBQ-VP001 East
Entries 5146128
ADC
QT Input Channel

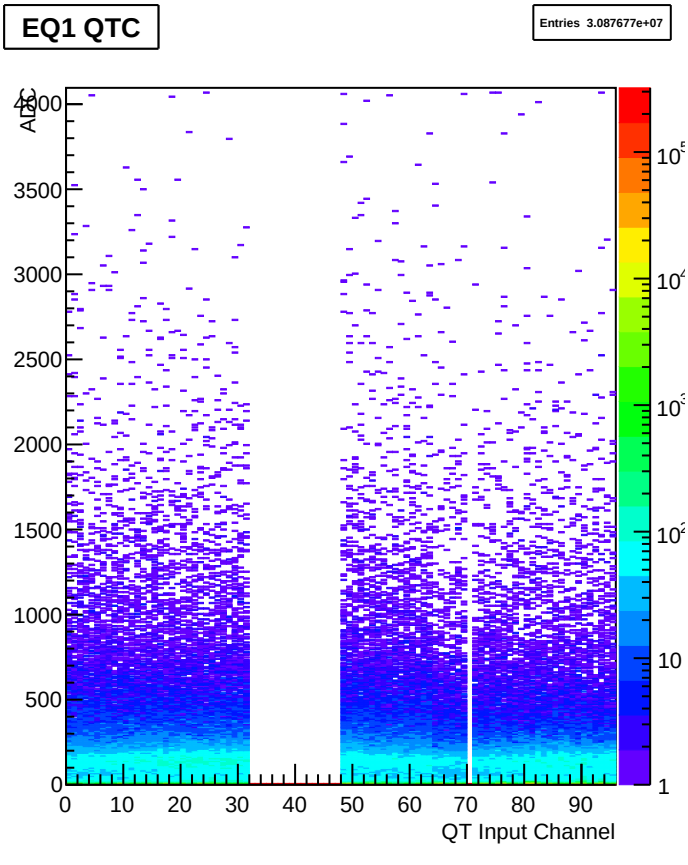

BBQ-VP001 East
Entries 5146128
TADC
QT Input Channel

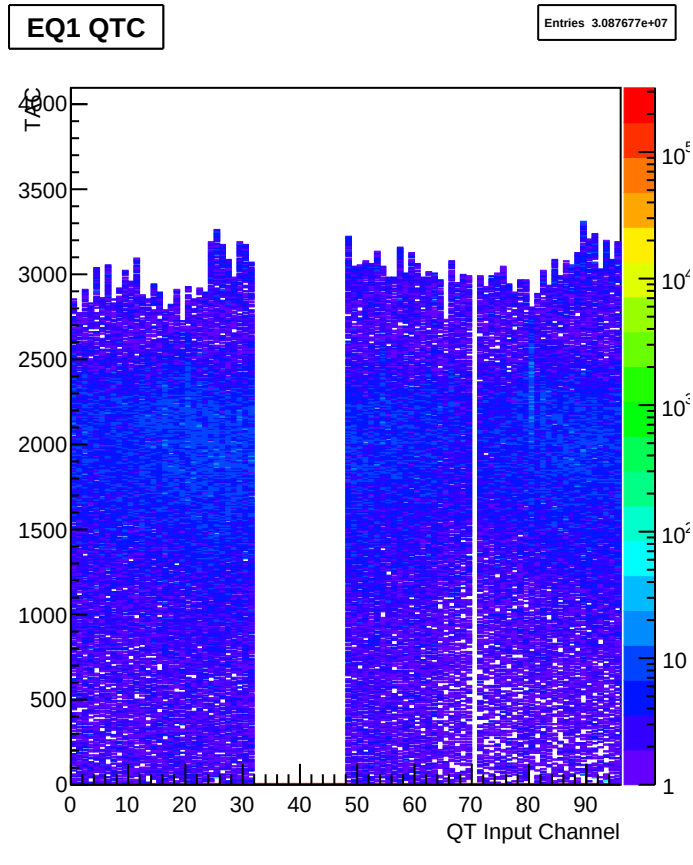

BBQ-VP002 West
Entries 5146128
ADC
QT Input Channel

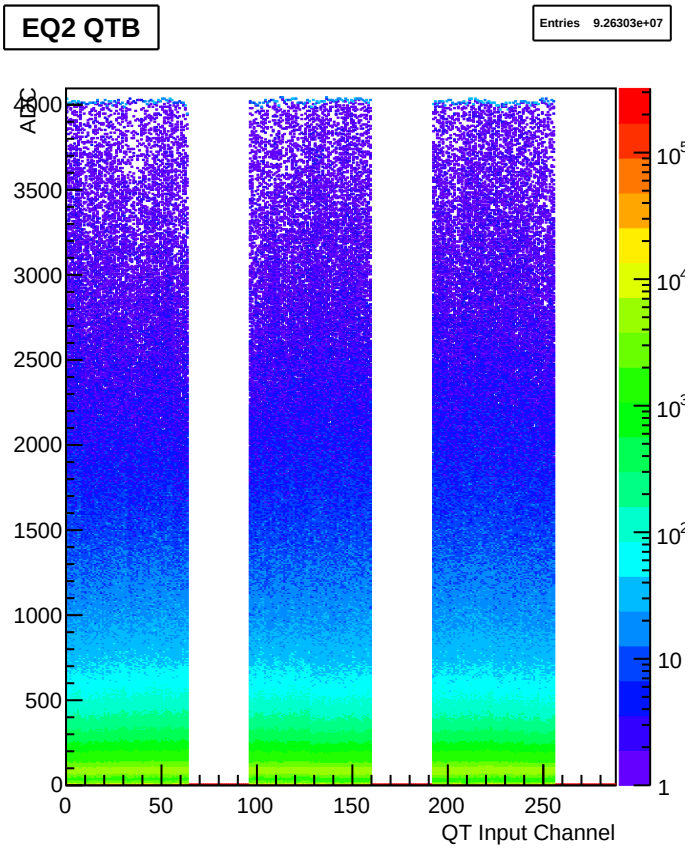

BBQ-VP002 West
Entries 5146128
TADC
QT Input Channel

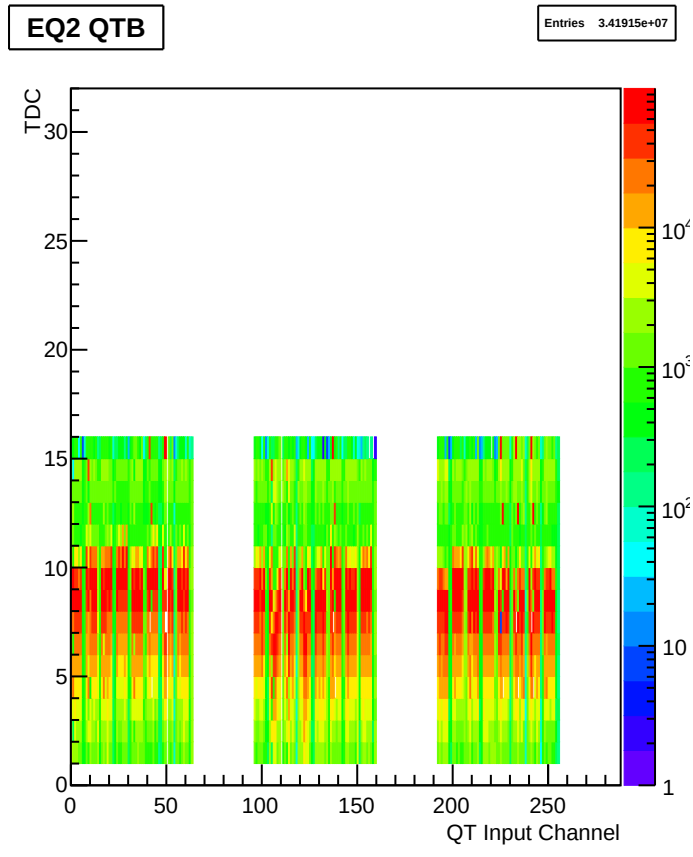

EQ1 QTB
Entries 9.26303e+07
ADC
QT Input Channel

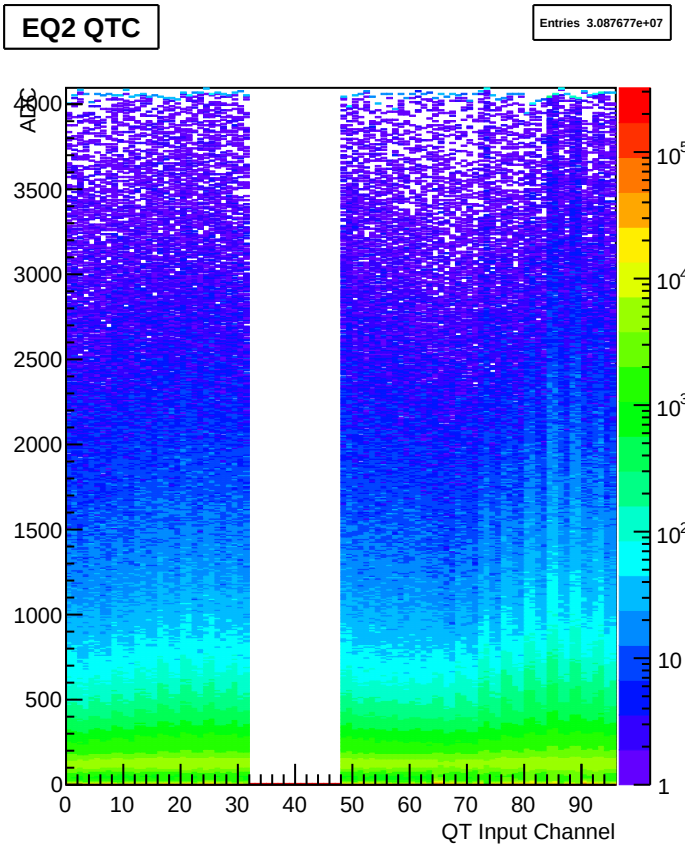

EQ1 QTB
Entries 9764795
TDC
QT Input Channel

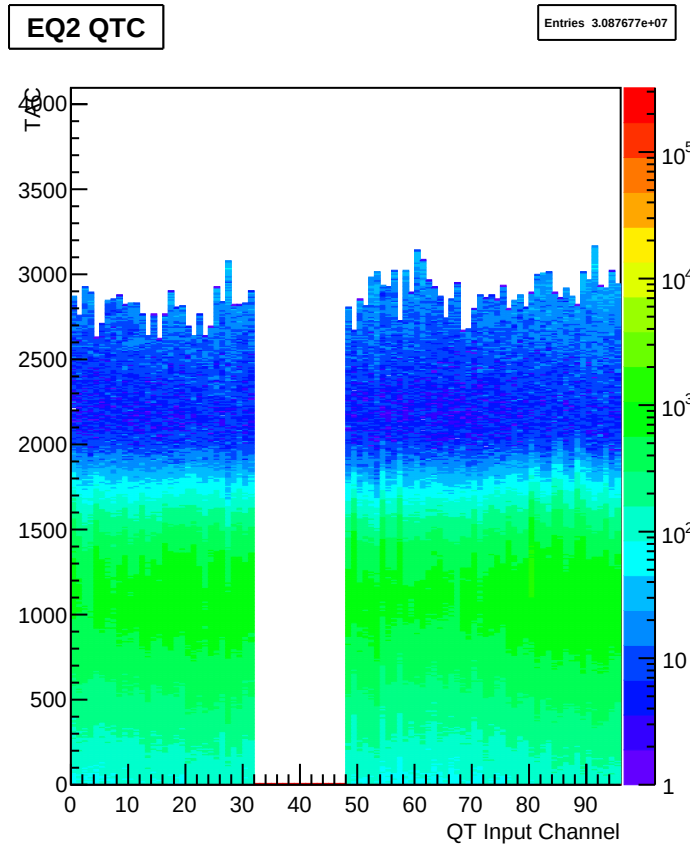

EQ1 QTC
Entries 3.087677e+07
ADC
QT Input Channel

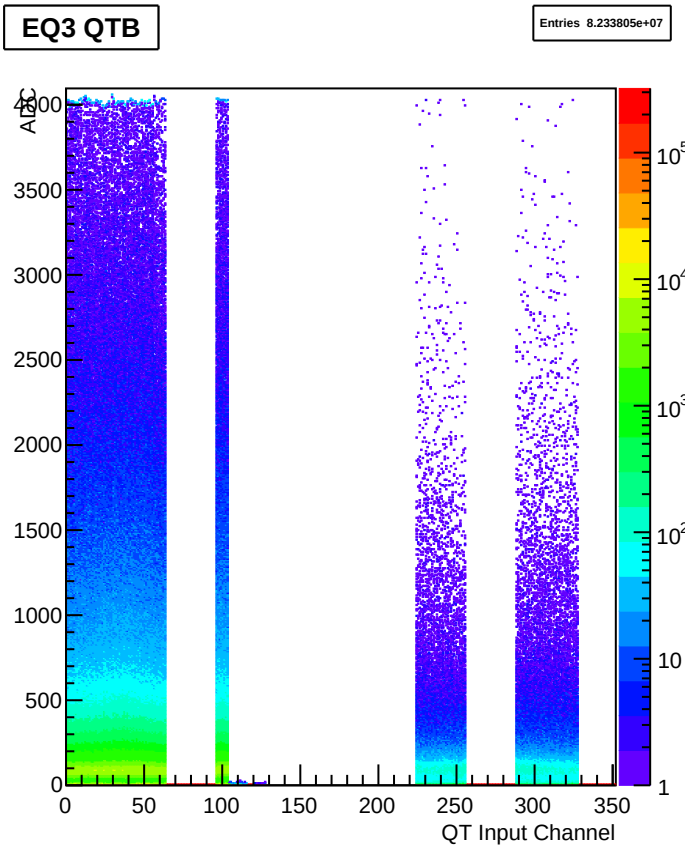

EQ1 QTC
Entries 3.087677e+07
TADC
QT Input Channel

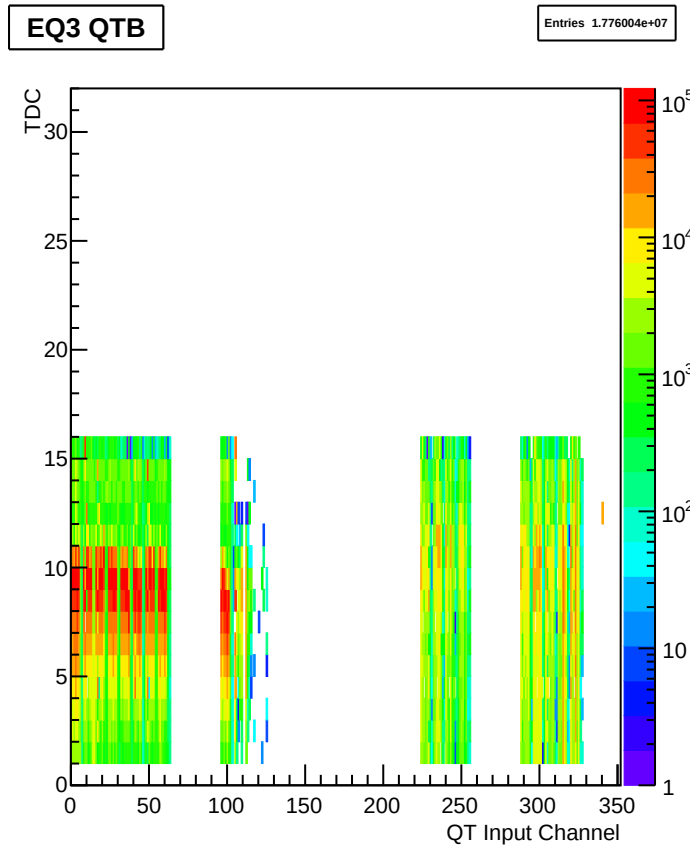

EQ2 QTB
Entries 9.26303e+07
ADC
QT Input Channel

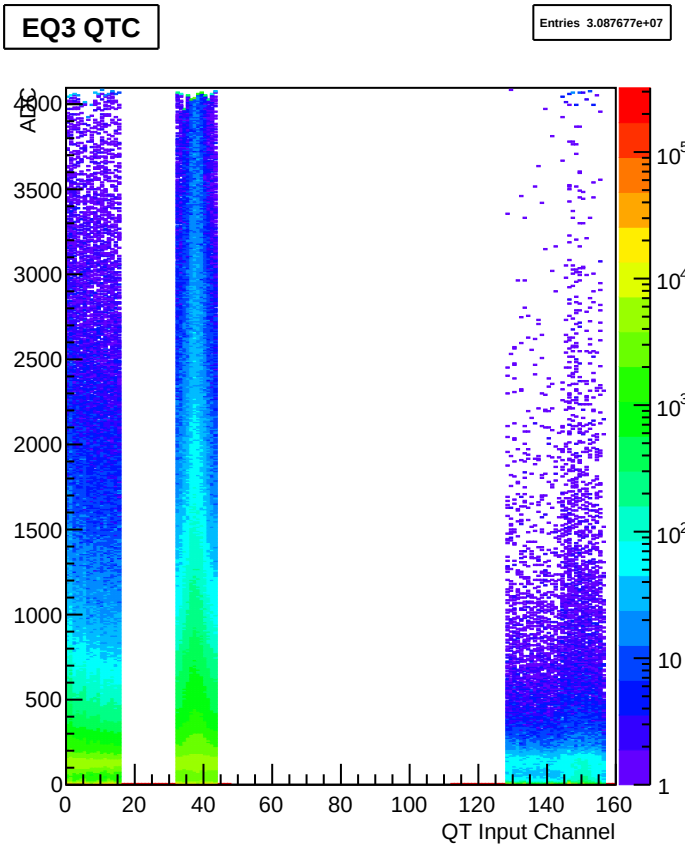

EQ2 QTB
Entries 3.41915e+07
TDC
QT Input Channel

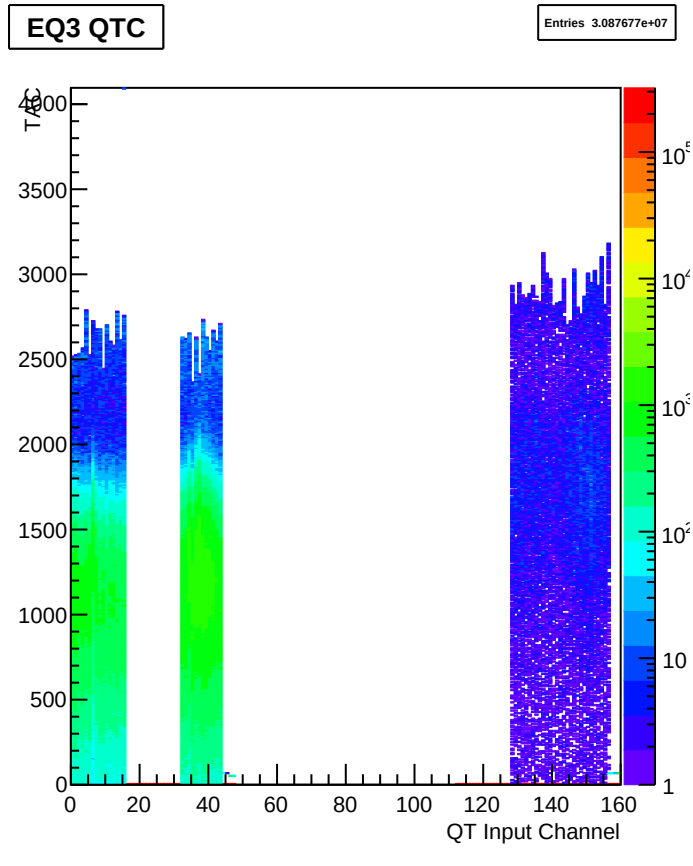

EQ2 QTC
Entries 3.087677e+07
ADC
QT Input Channel

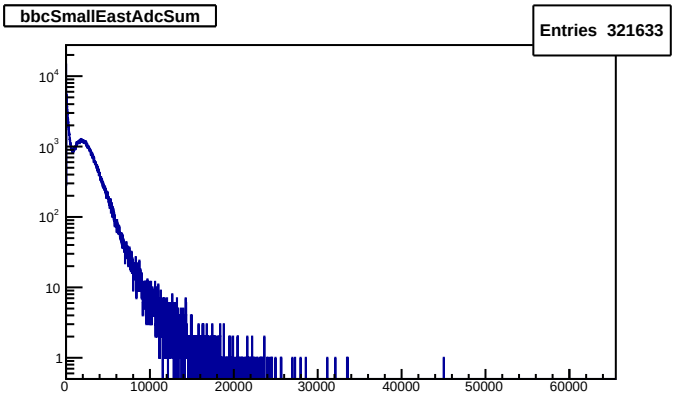

EQ2 QTC
Entries 3.087677e+07
TADC
QT Input Channel

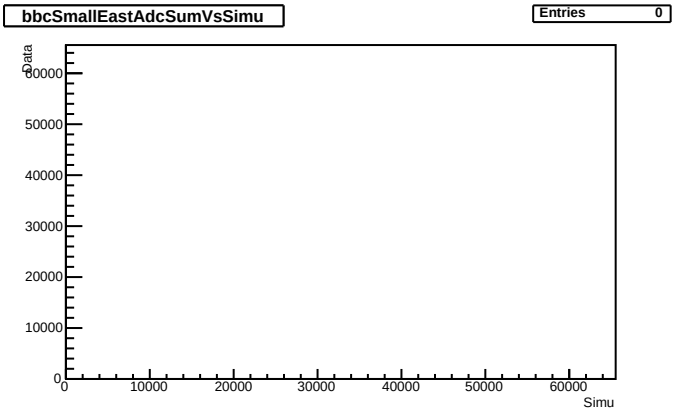

EQ3 QTB
Entries 8.233805e+07
ADC
QT Input Channel

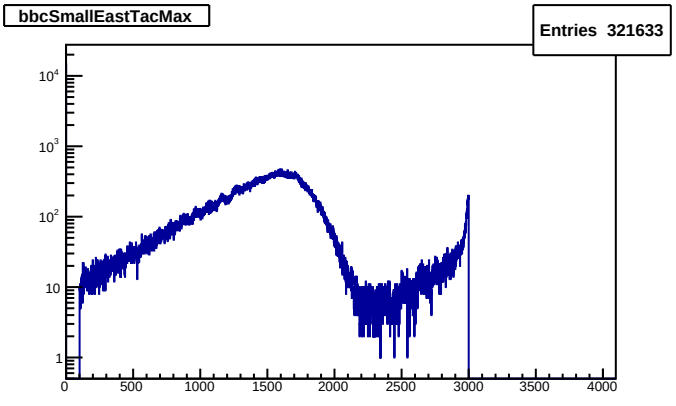

EQ3 QTB
Entries 1.776004e+07
TDC
QT Input Channel

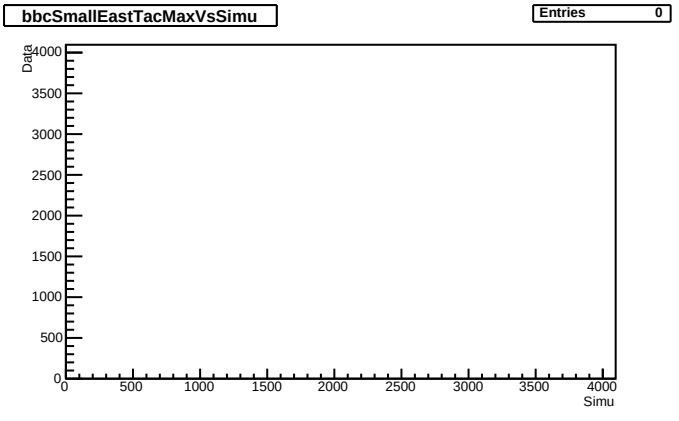

EQ3 QTC
Entries 3.087677e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.087677e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 321633


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 321633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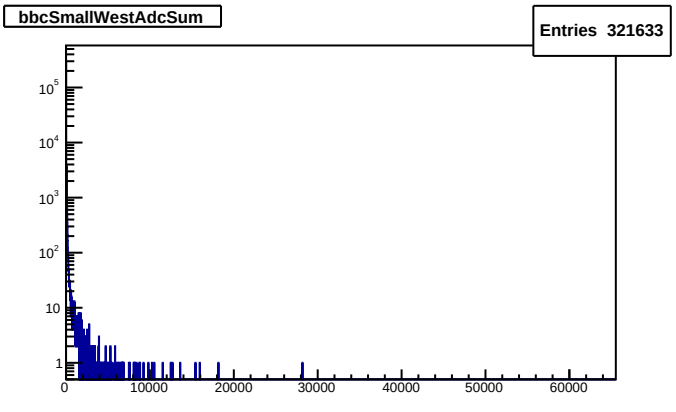
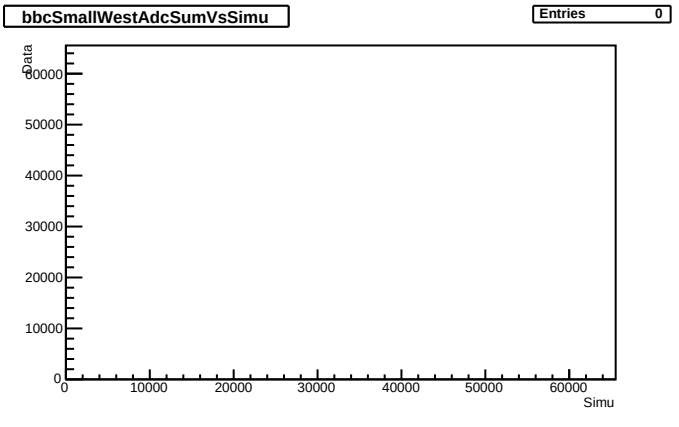
Simu


bbcSmallWestAdcSum
Entries 321633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Entries 0
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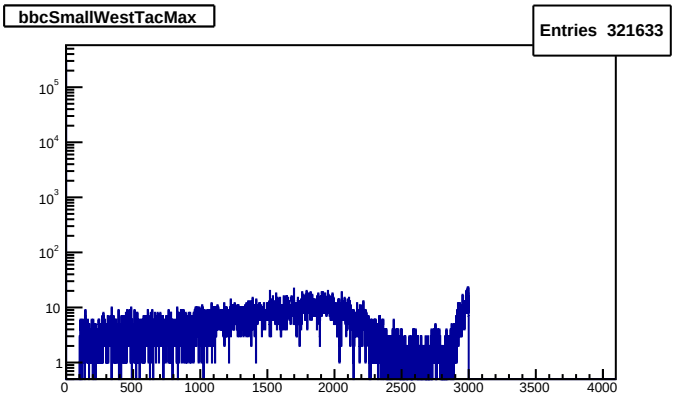
Simu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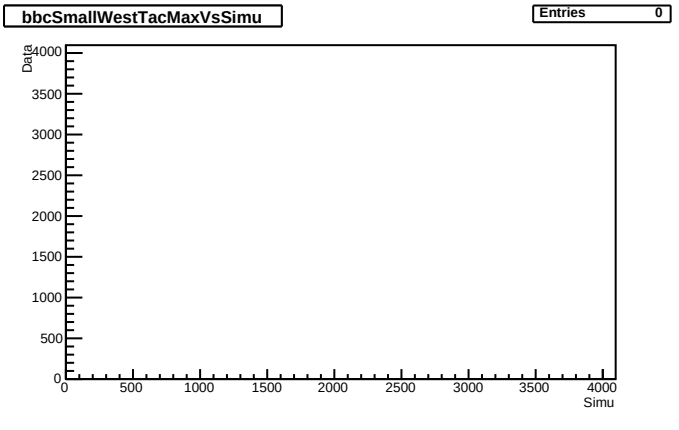
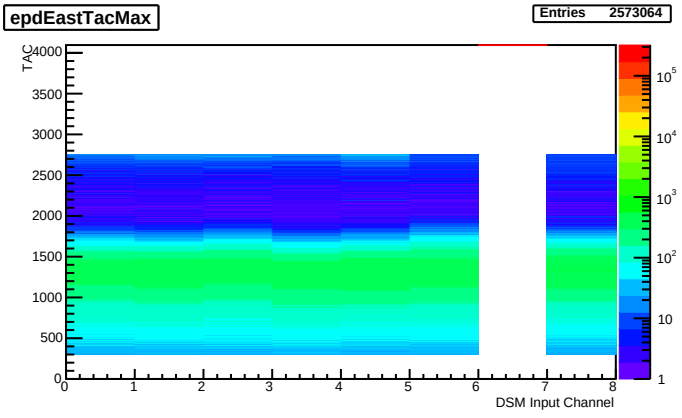
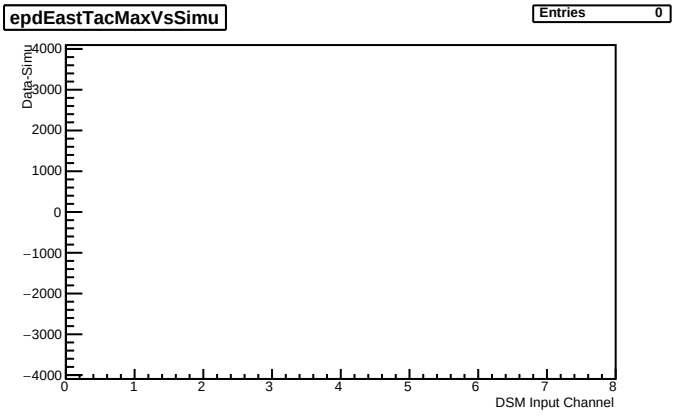
Entries 321633


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 2573064
TAC
DSM Input Channel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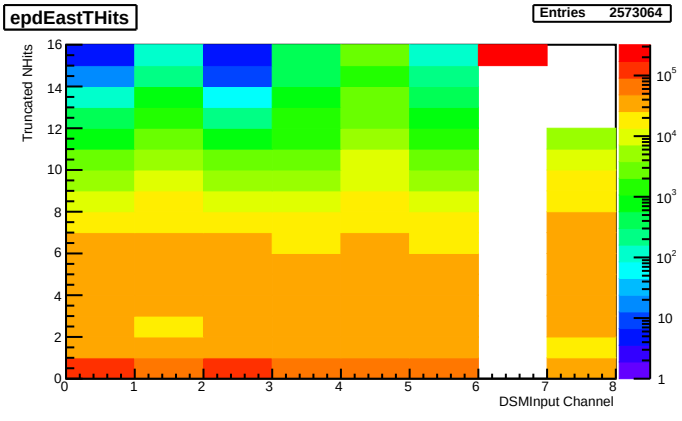
Entries 0
Data-Simu
DSM Input Channel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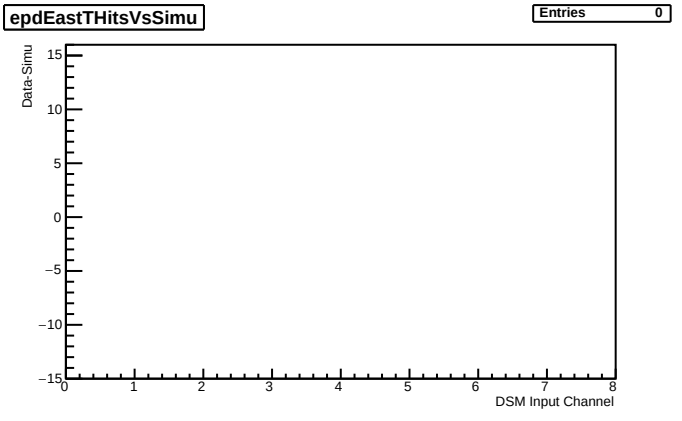
Entries 2573064
Truncated NHits
DSMInput Channel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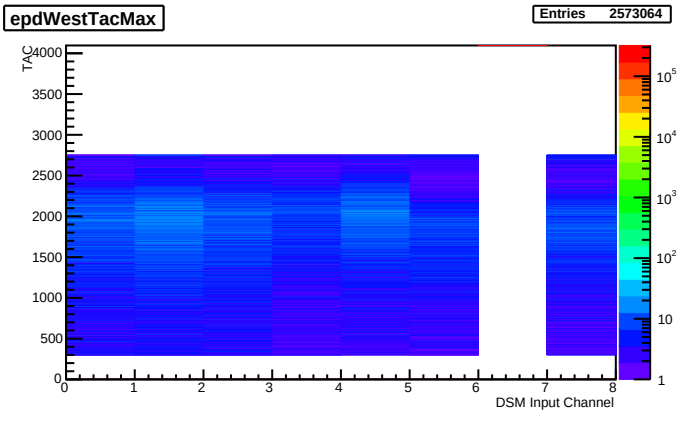
Data-Simu
DSM Input Channel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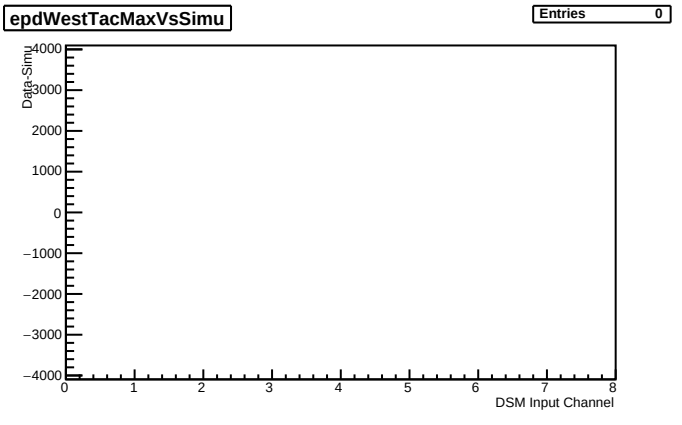
DSM Input Channel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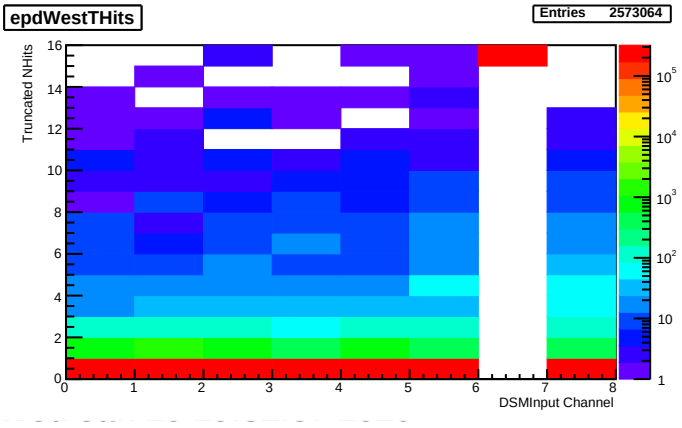
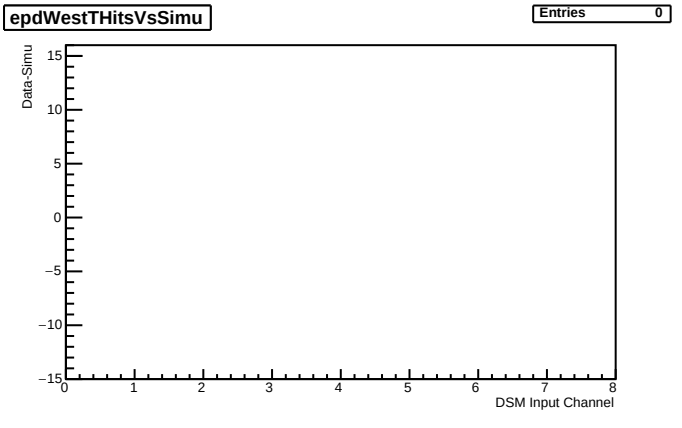
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2573064
Truncated NHits
DSMInput Channel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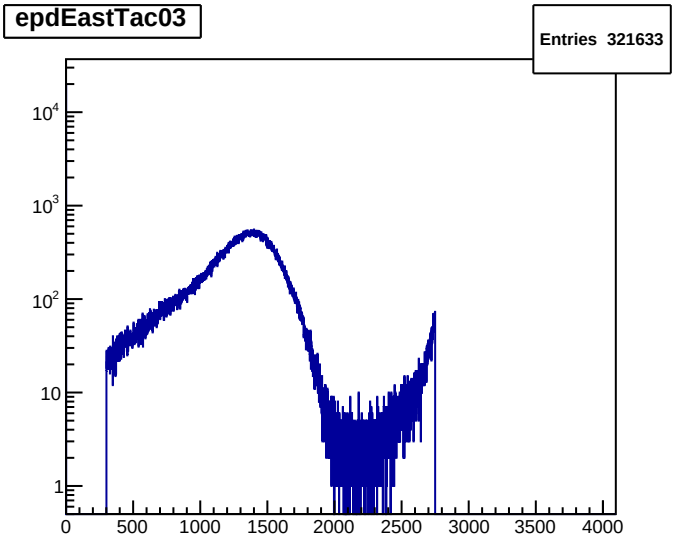
Entries 0
Data-Simu
DSM Input Channel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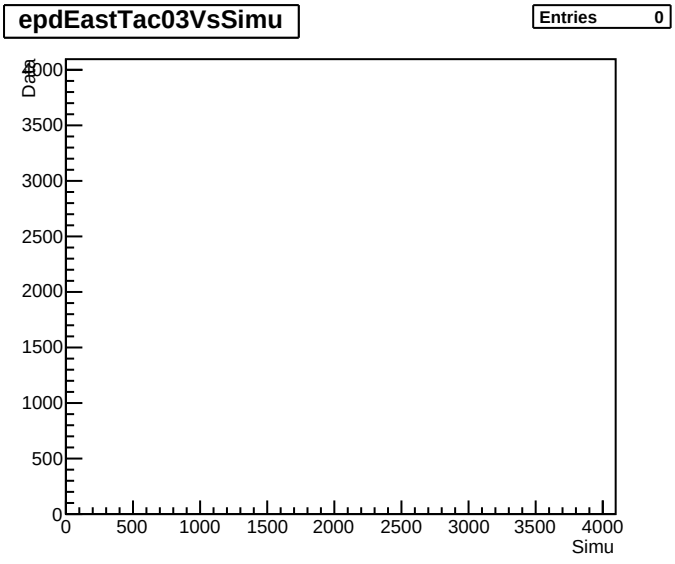
Entries 321633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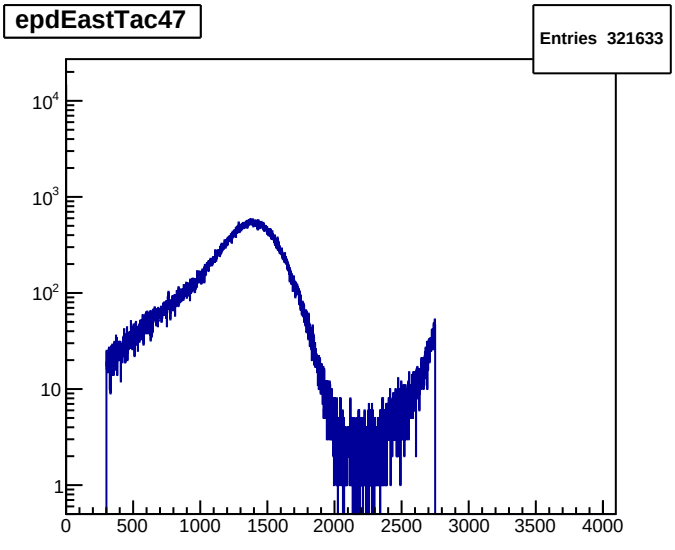
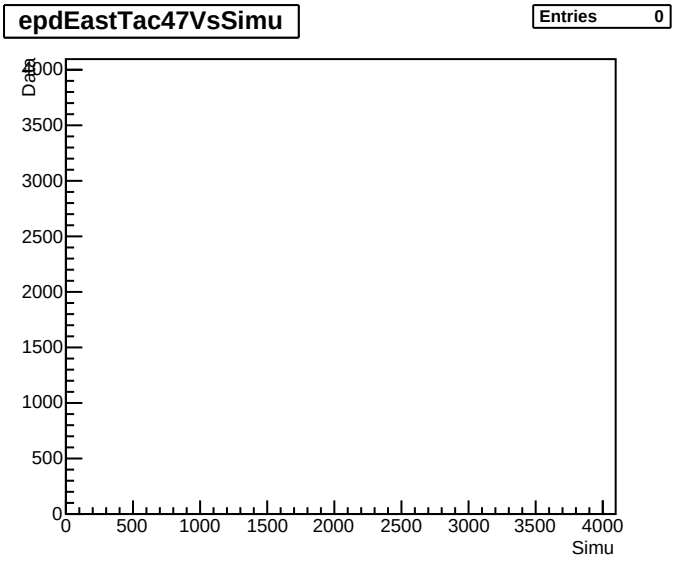
Entries 0
Data
Simu


epdEastTac47
Entries 321633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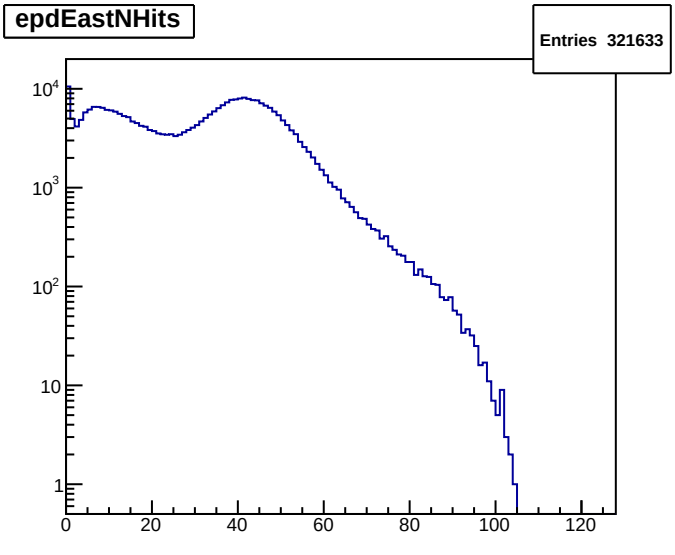
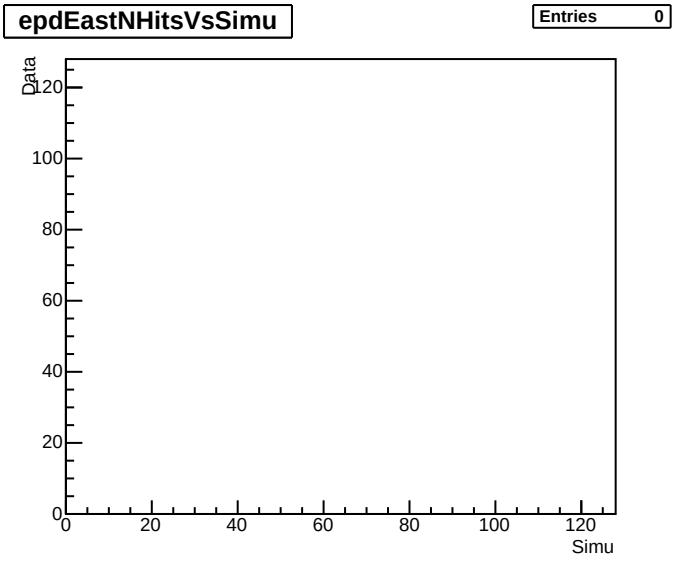
Entries 0
Data
Simu


epdEastNHits
Entries 321633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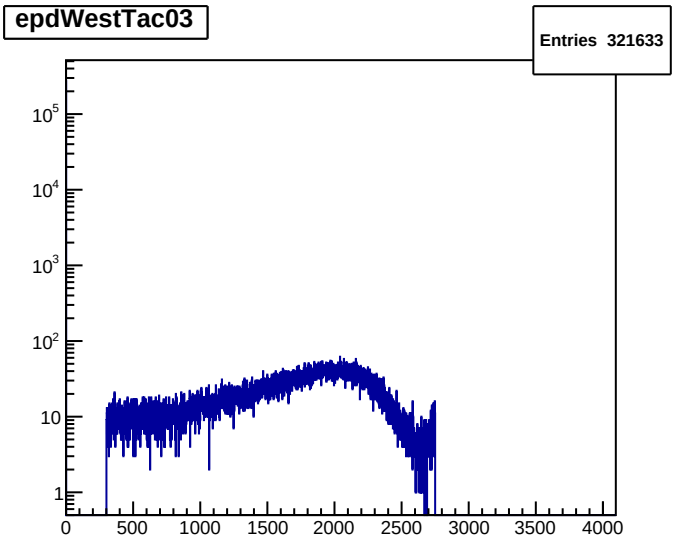
Entries 0
Data
Simu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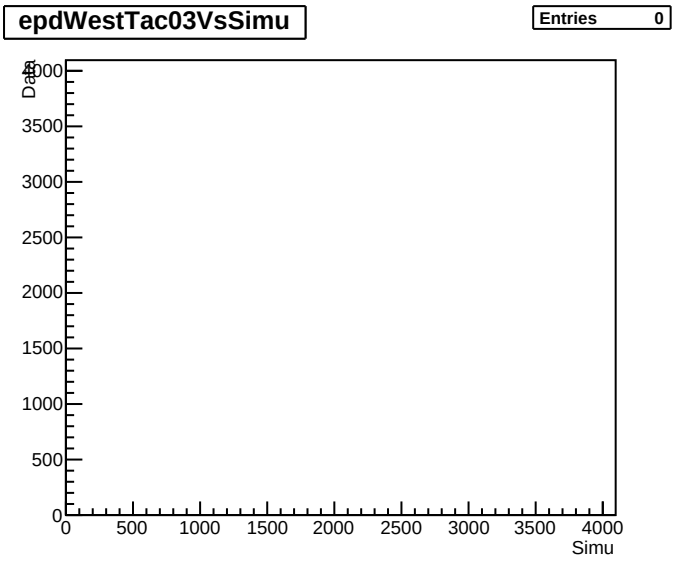
Entries 321633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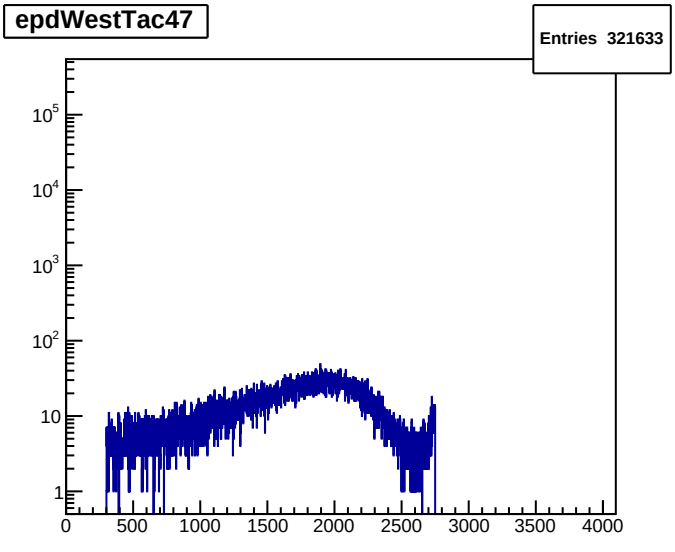
Data
Simu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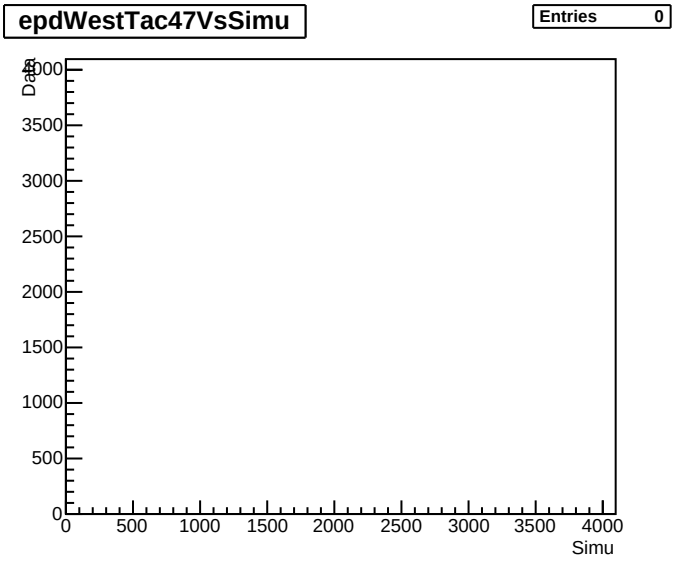
Entries 321633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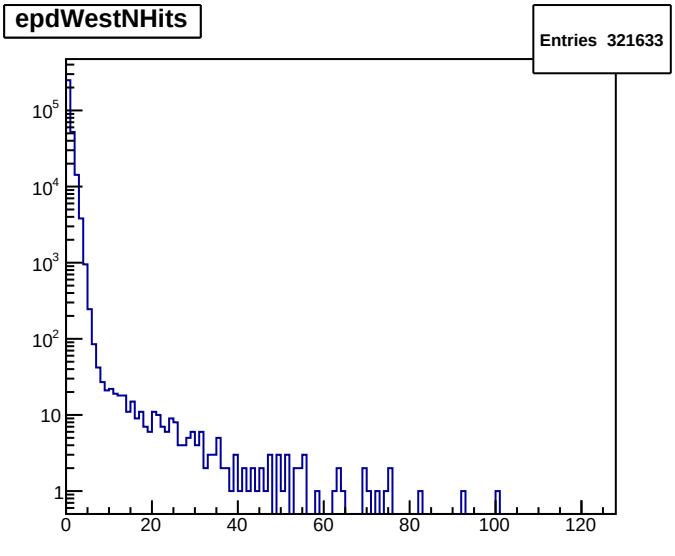
Entries 0
Data
Simu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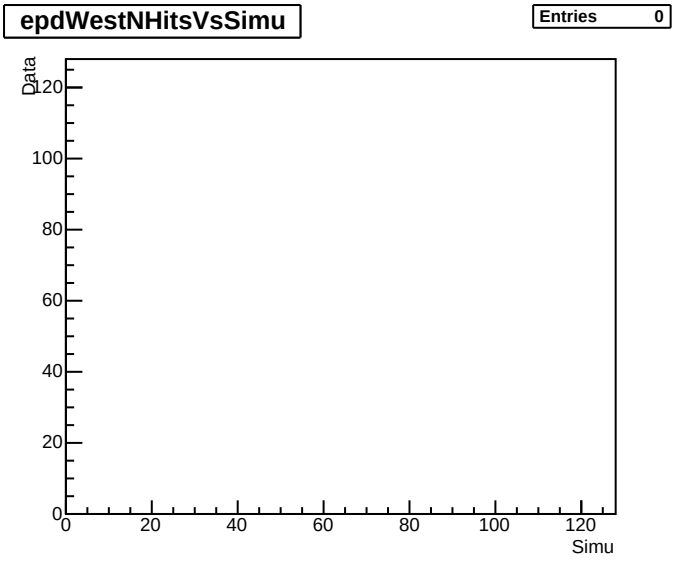
Entries 321633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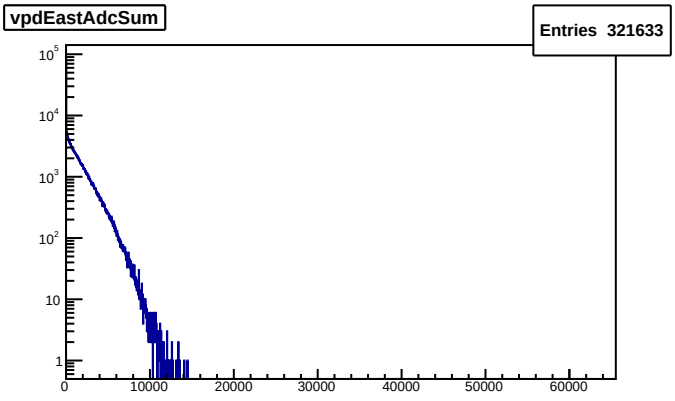
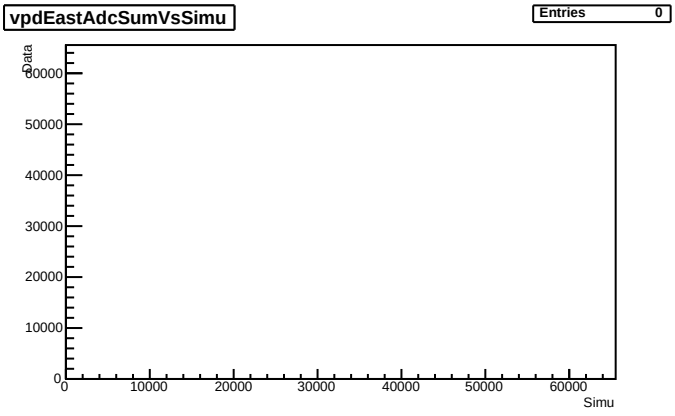
Entries 0
Data
Simu


vpdEastAdcSum
Entries 321633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Entries 0
Data
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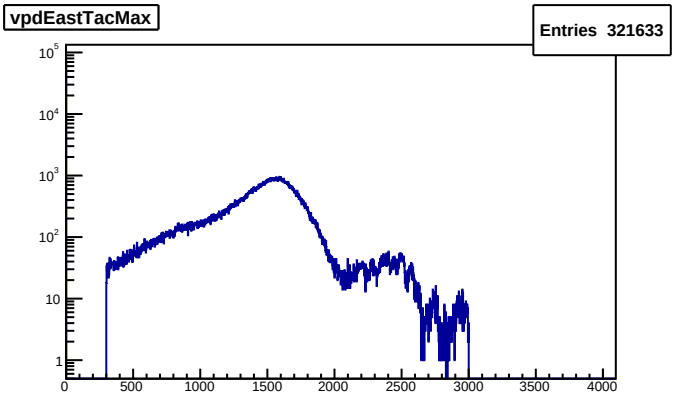
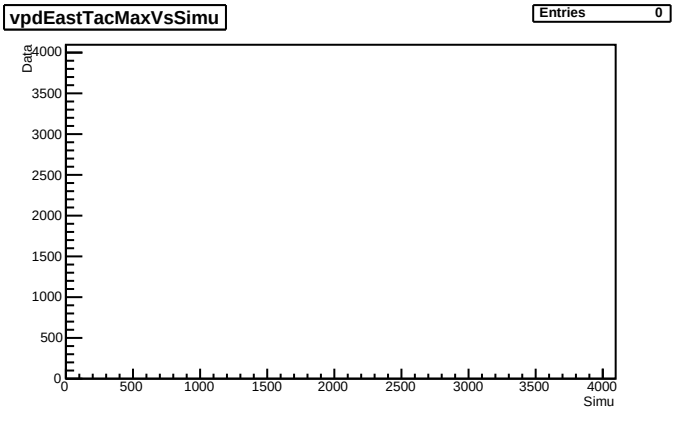

vpdEastTacMax
Entries 321633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Entries 0
Data
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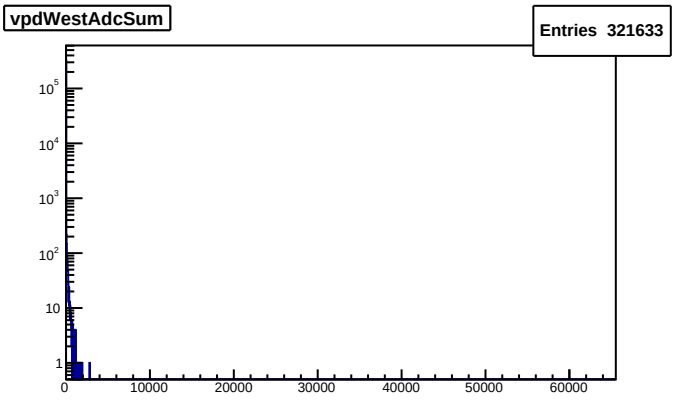
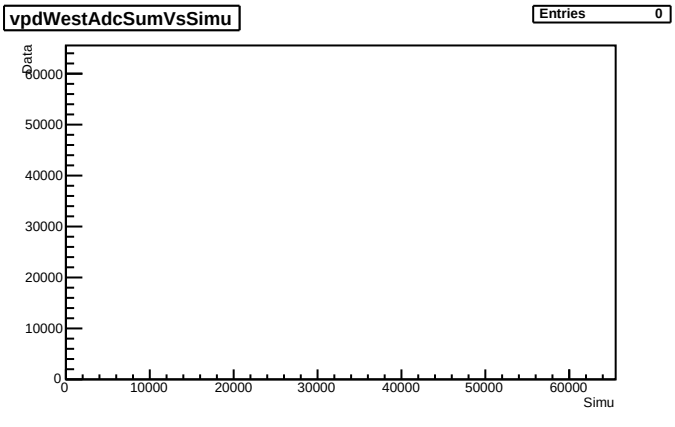

vpdWestAdcSum
Entries 321633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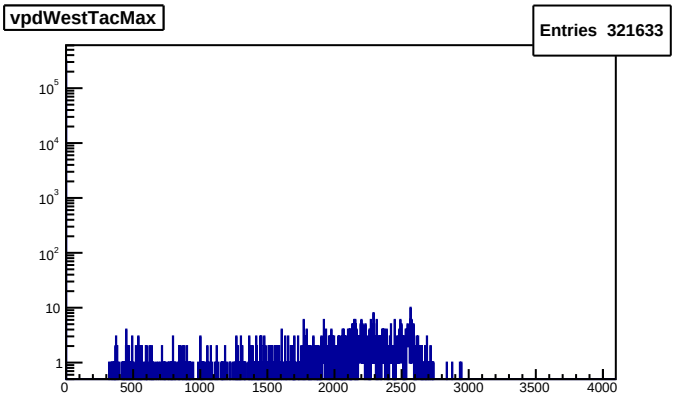
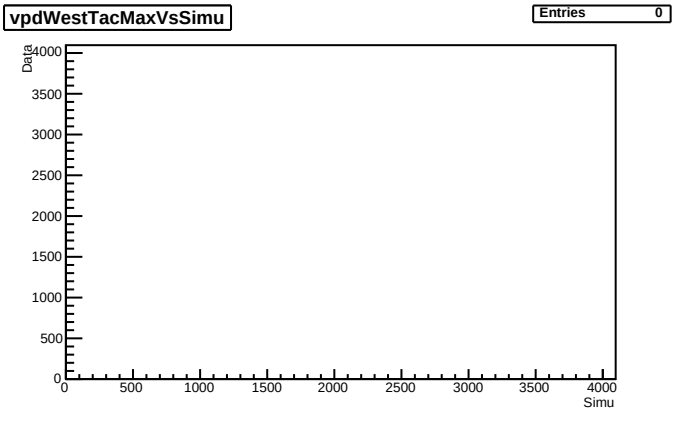
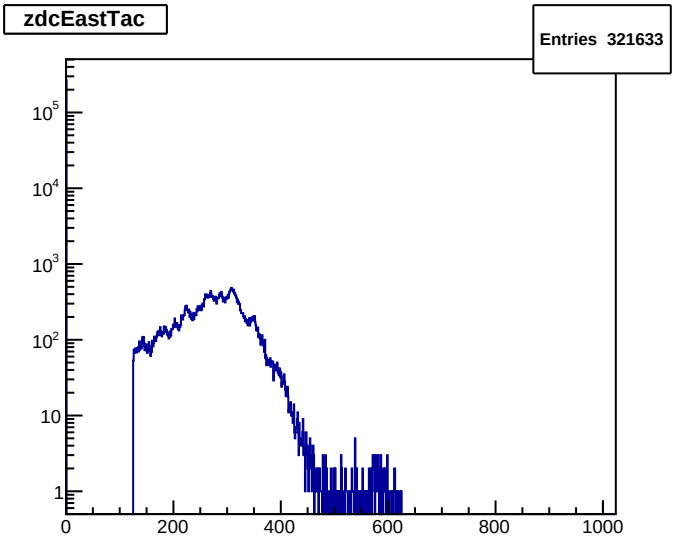
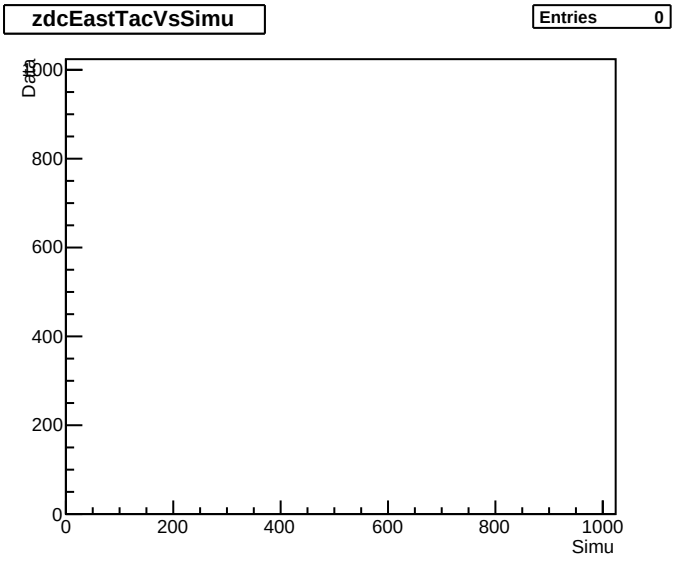
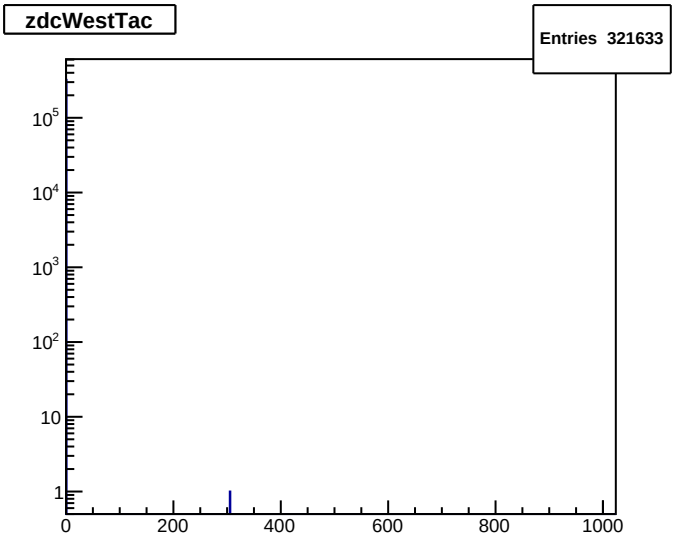
Entries 0
Data
Simu

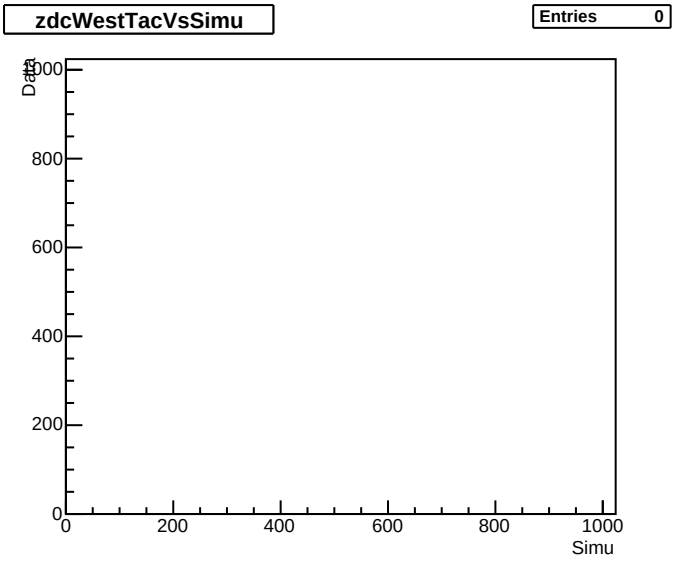

vpdWestTacMax
Entries 321633

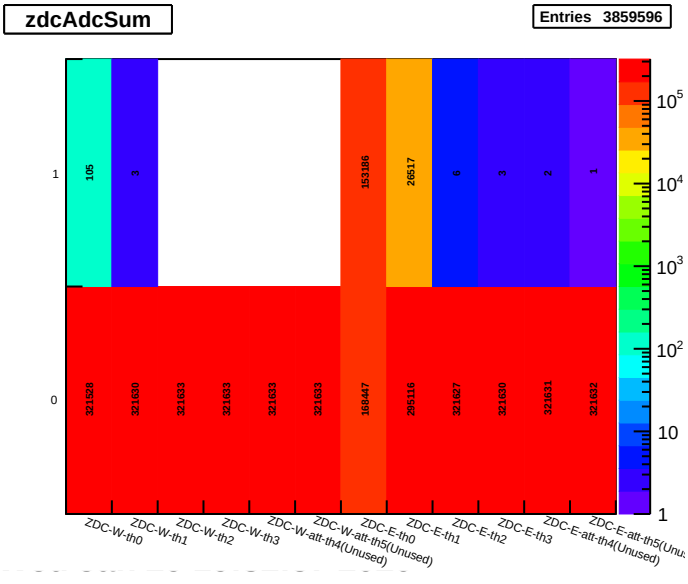

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

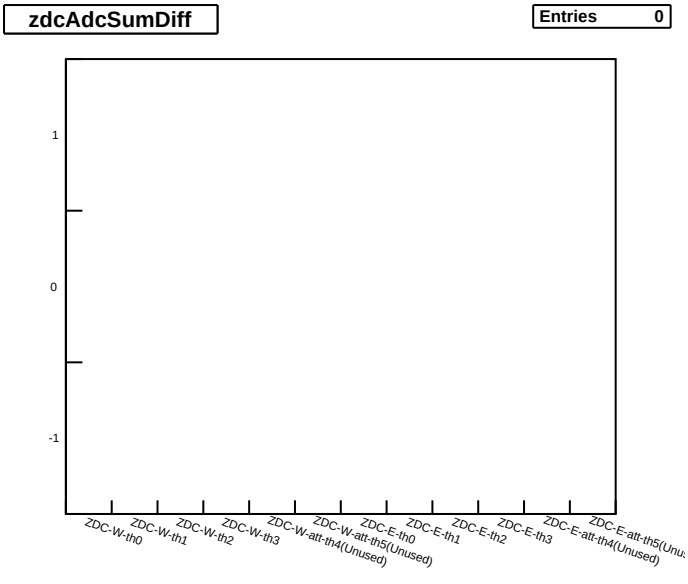

zdcEastTac
Entries 321633
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

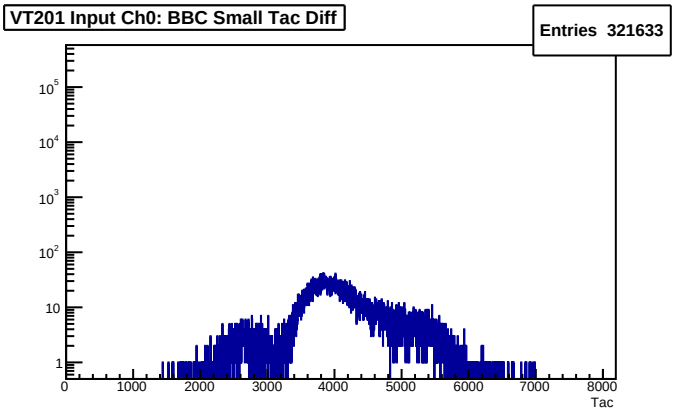

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

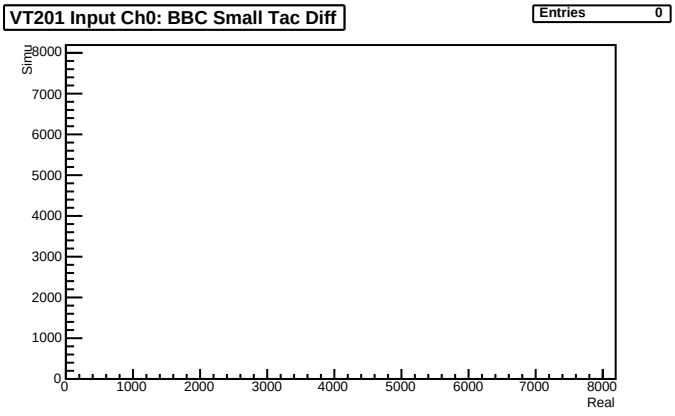

zdcWestTac
Entries 321633
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

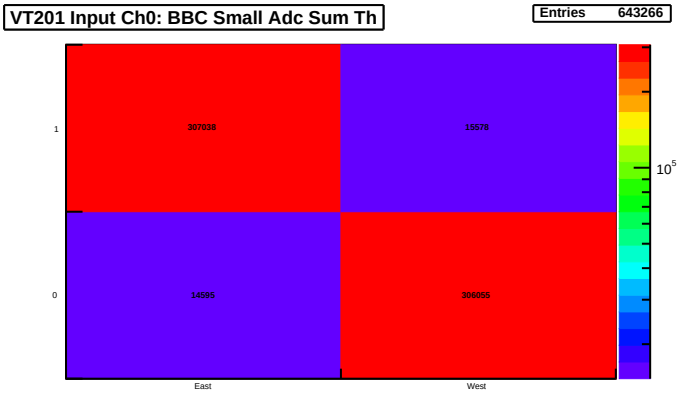

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

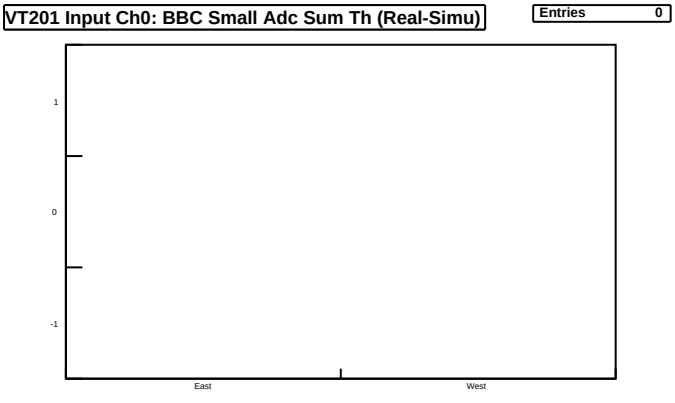

zdcAdcSum
Entries 3859596
1
0
105
3
153186
26517
6
3
2
1
321528
321630
321633
321633
321633
321633
168447
295116
321627
321630
321631
321632
10^5
10^4
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

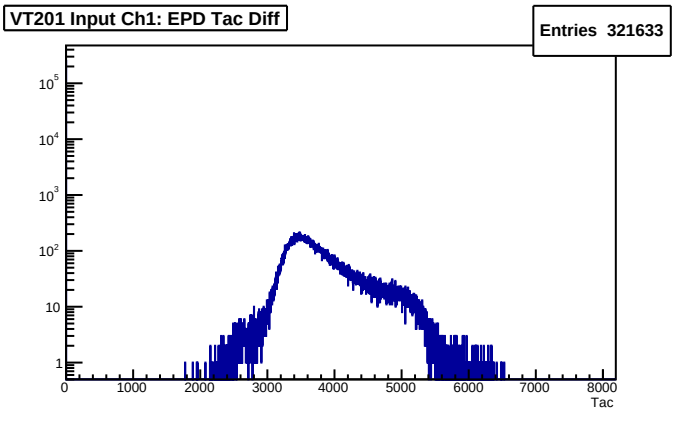

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

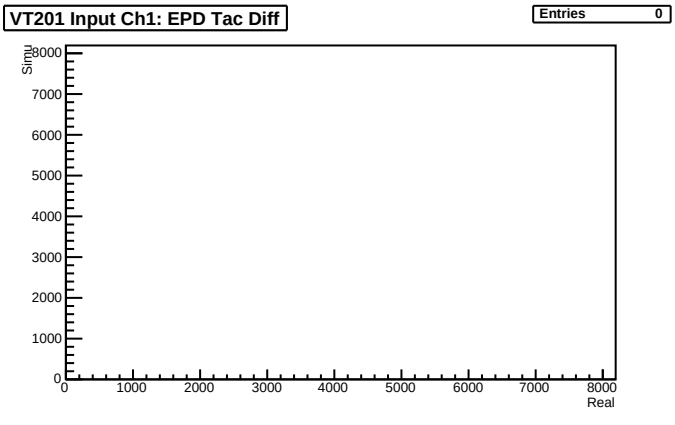

VT201 Input Ch0: BBC Small Tac Diff
Entries 321633
Tac

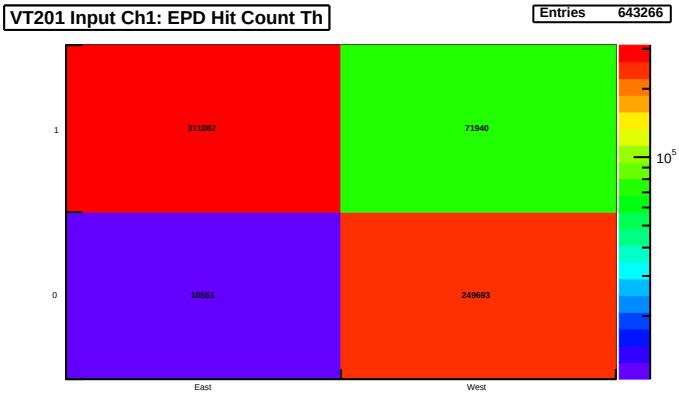

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

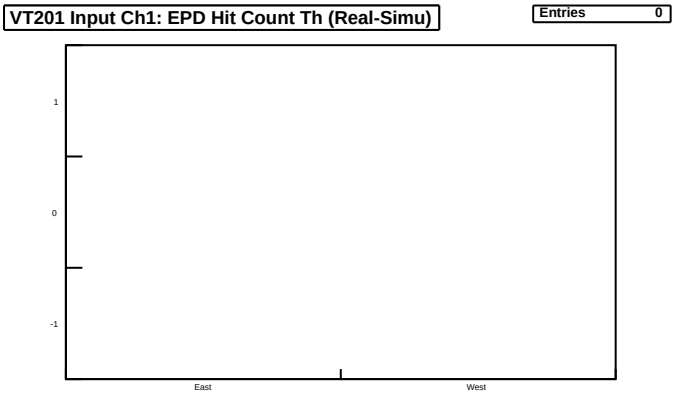

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 643266
307038
15578
14595
306055
East
West

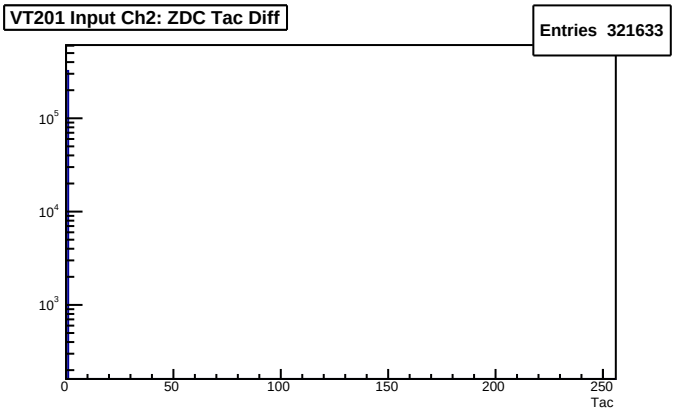

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

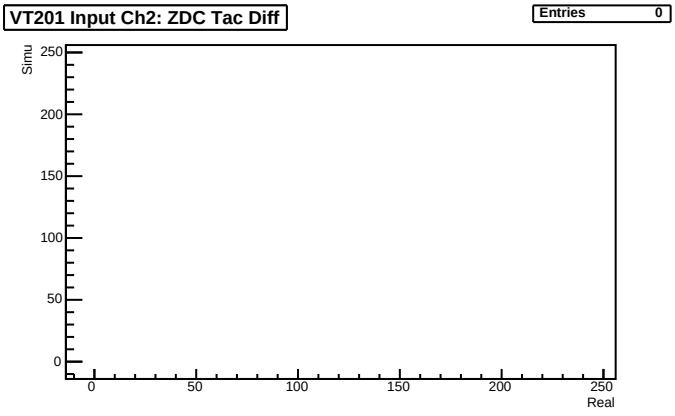

VT201 Input Ch1: EPD Tac Diff
Entries 321633
Tac

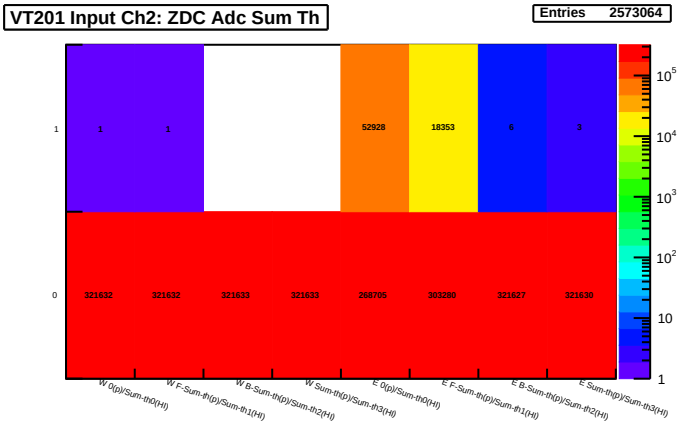

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

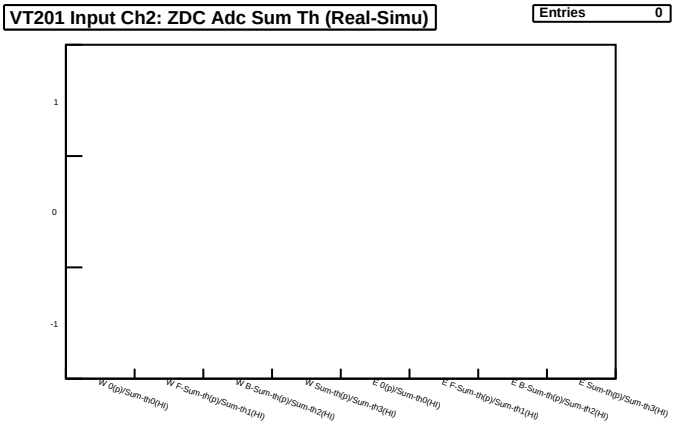

VT201 Input Ch1: EPD Hit Count Th
Entries 643266
311082
71940
10551
249693
East
West

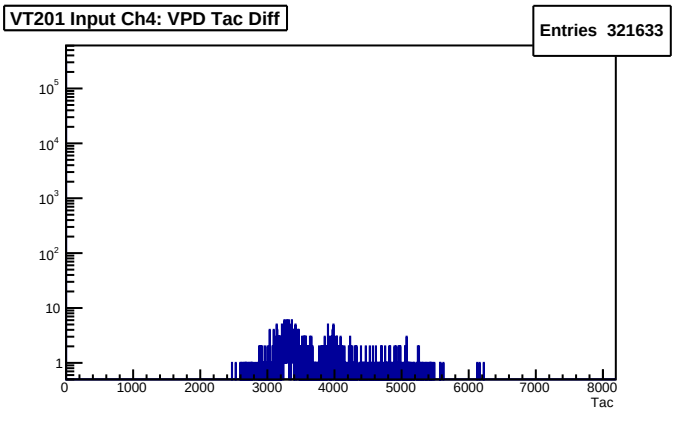

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

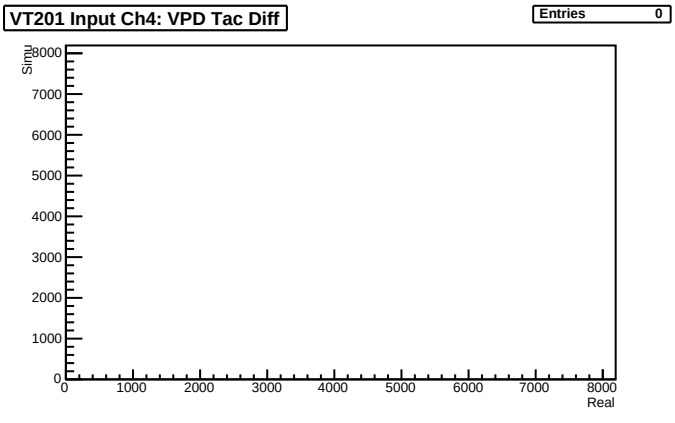

VT201 Input Ch2: ZDC Tac Diff
Entries 321633
Tac

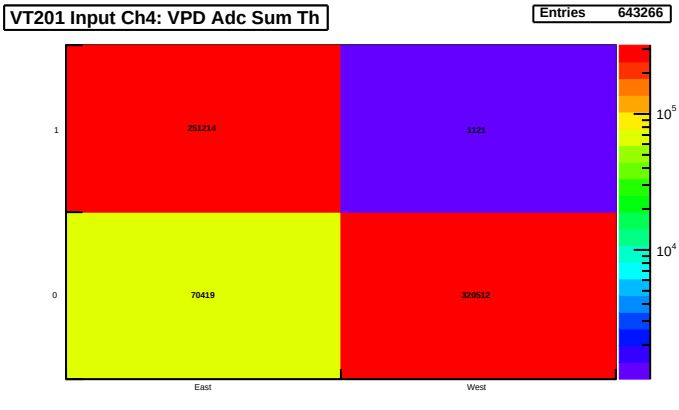

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

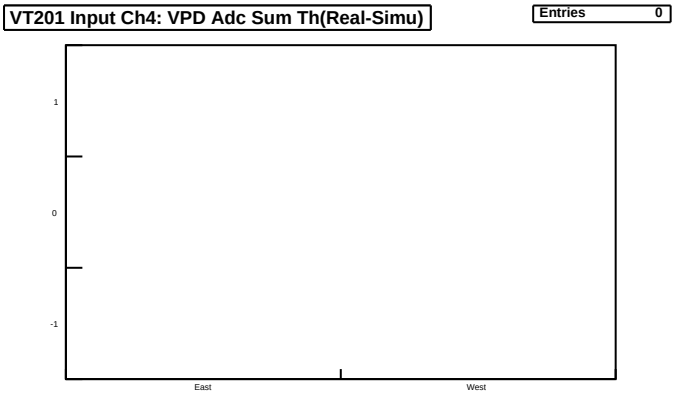

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2573064
1 1 52928 18353 6 3
321632 321632 321633 321633 268705 303280 321627 321630
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

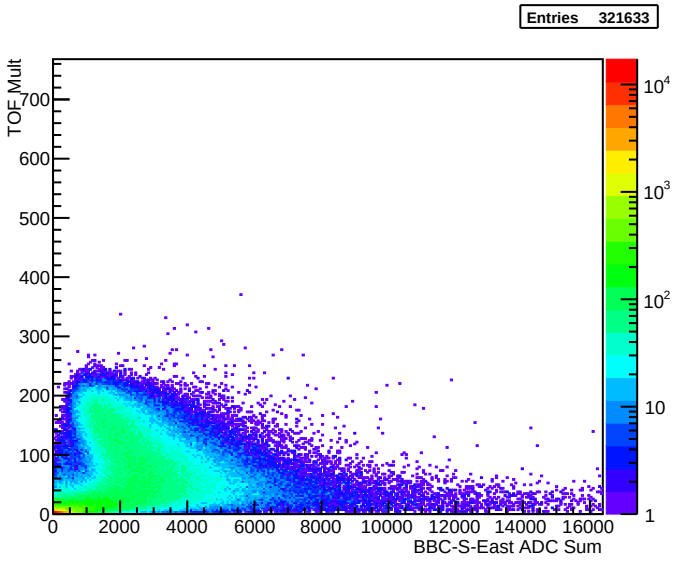

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

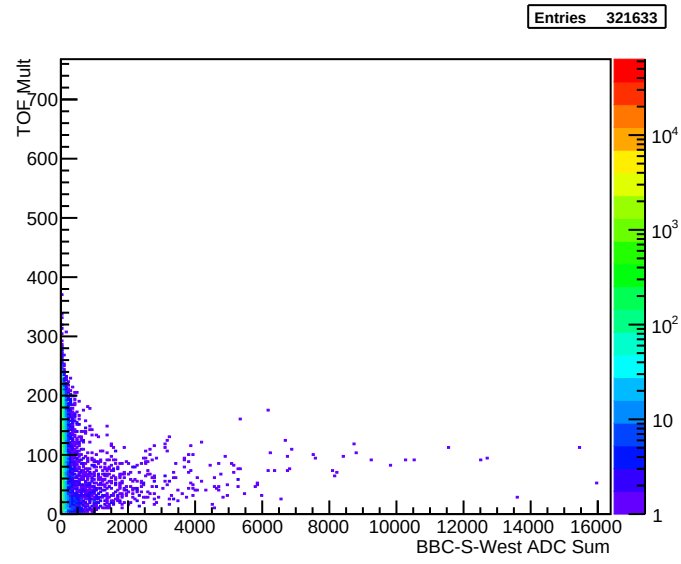

VT201 Input Ch4: VPD Tac Diff
Entries 321633
Tac

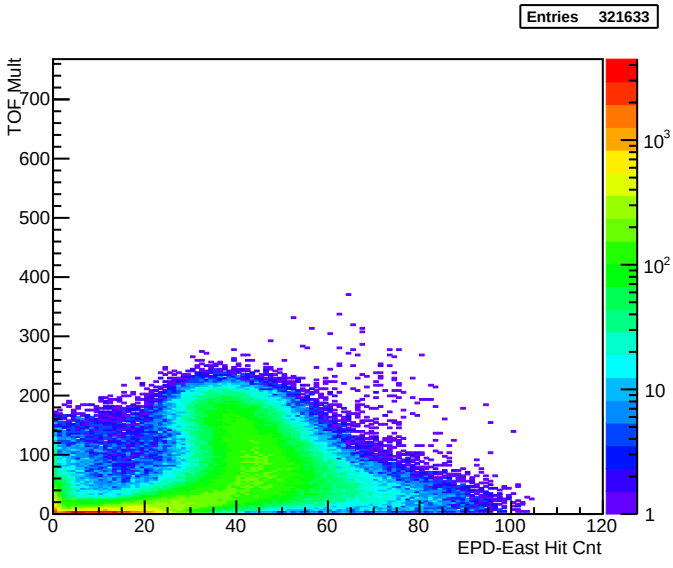

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

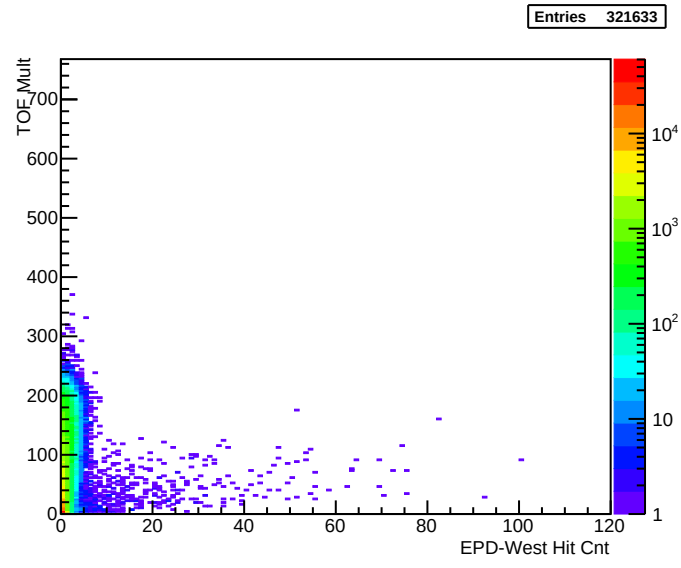

VT201 Input Ch4: VPD Adc Sum Th
Entries 643266
251214 1121
70419 320512
East
West

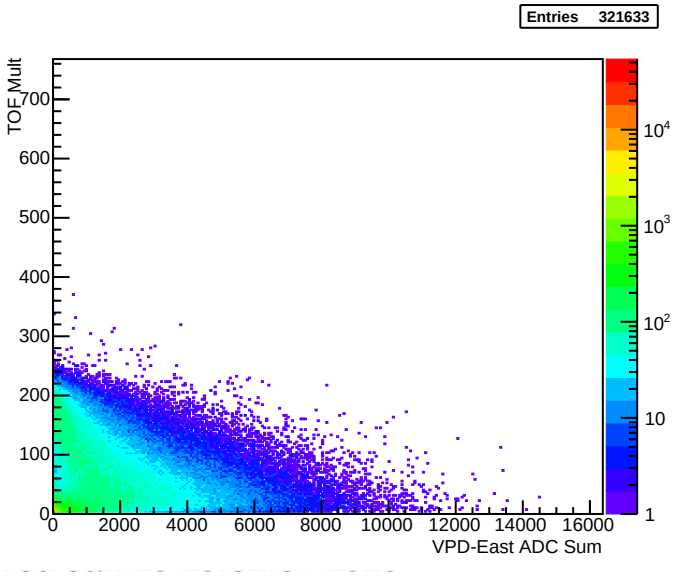

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

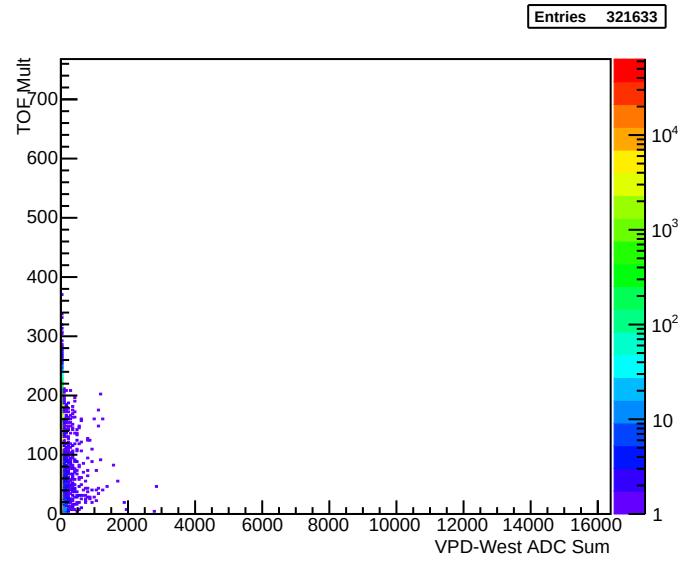

Entries 321633
TOF_Mult
BBC-S-East ADC Sum

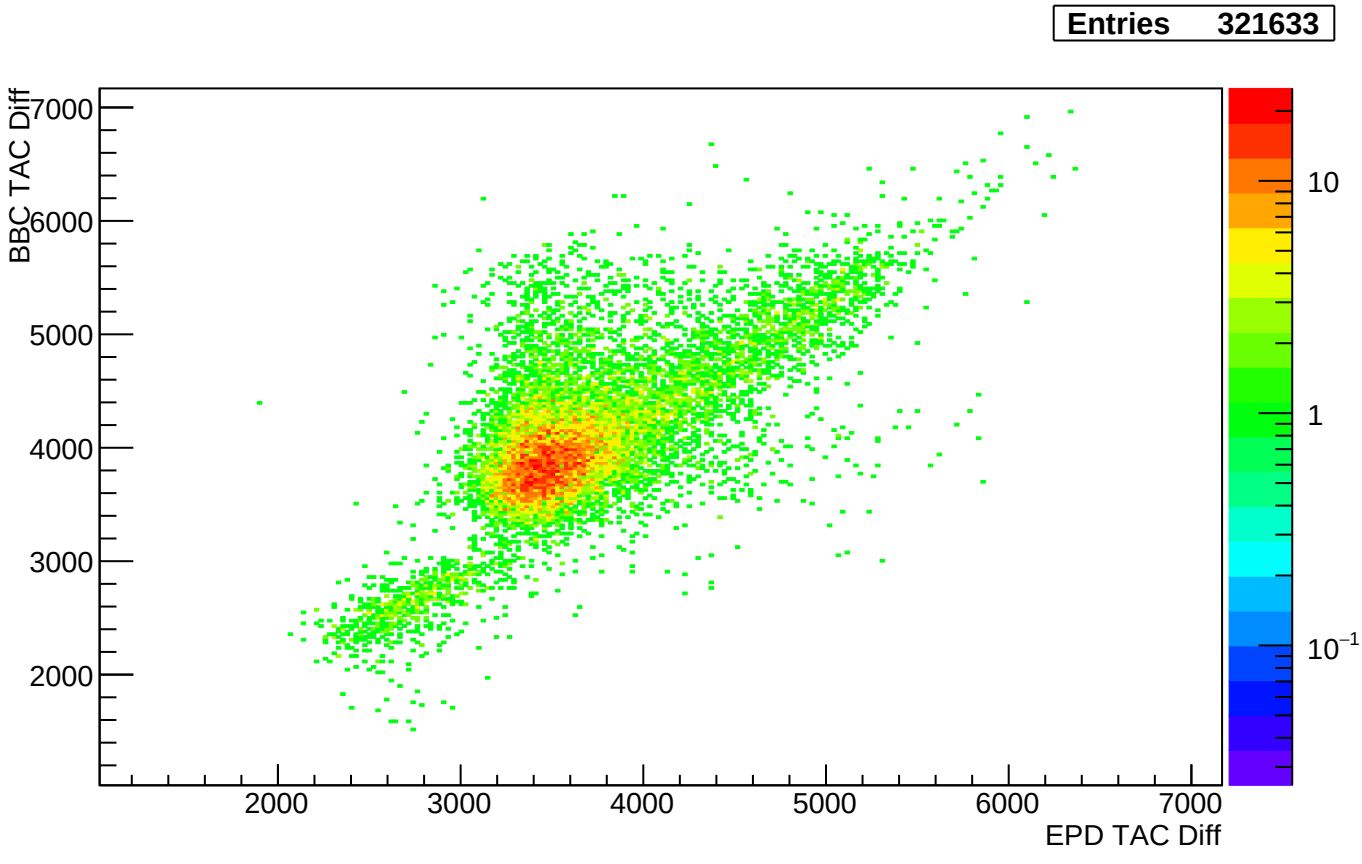

Entries 321633
TOF_Mult
BBC-S-West ADC Sum

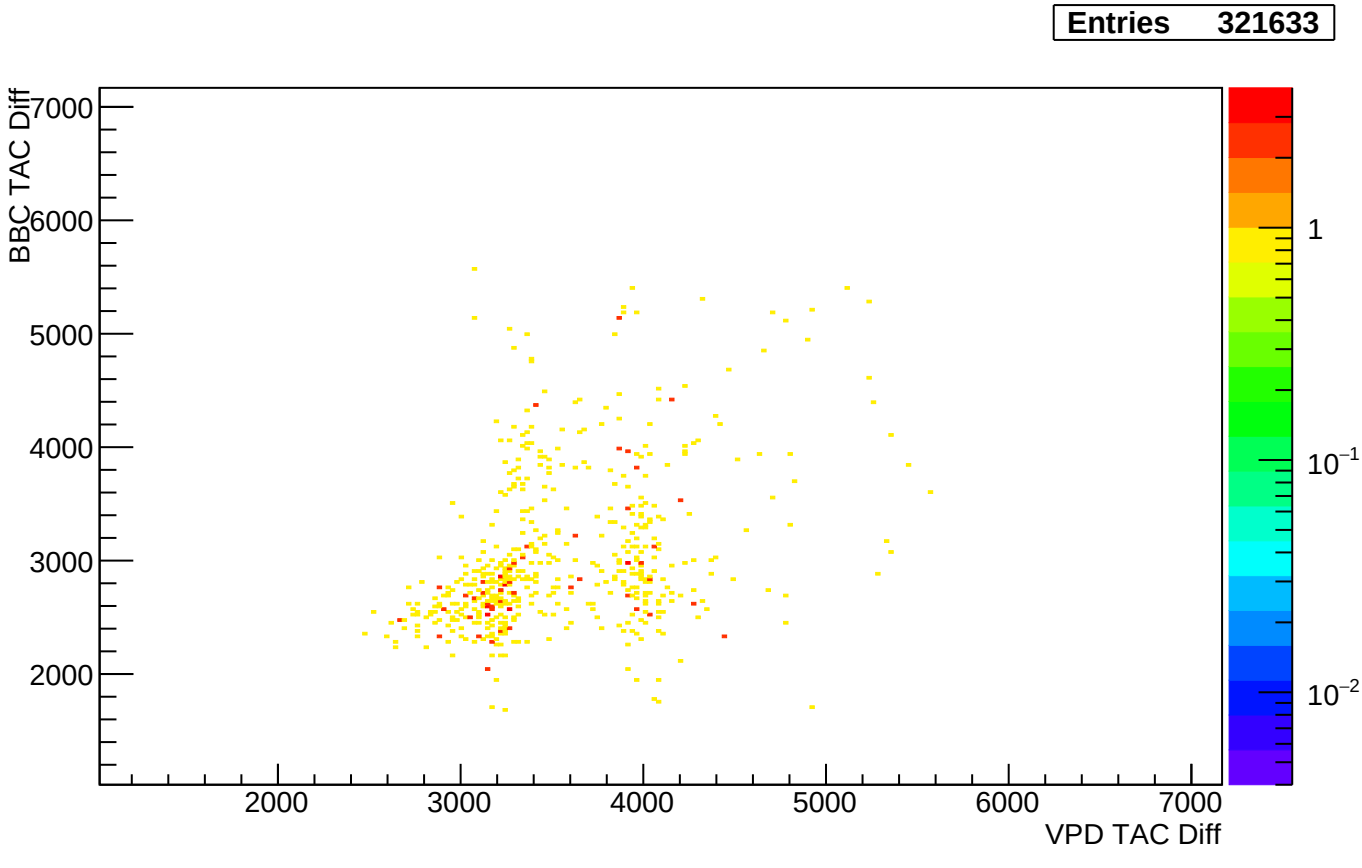

Entries 321633
TOF_Mult
EPD-East Hit Cnt

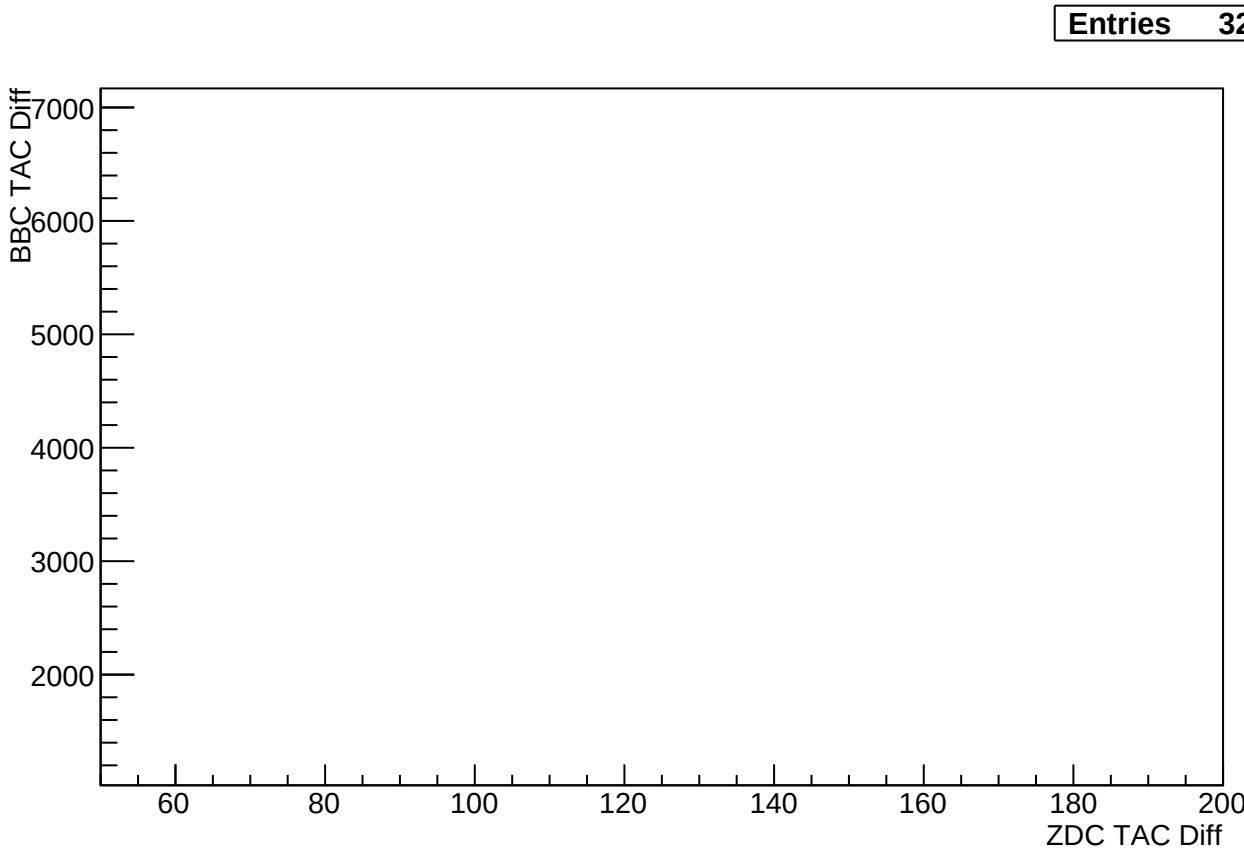

Entries 321633
TOF_Mult
EPD-West Hit Cnt

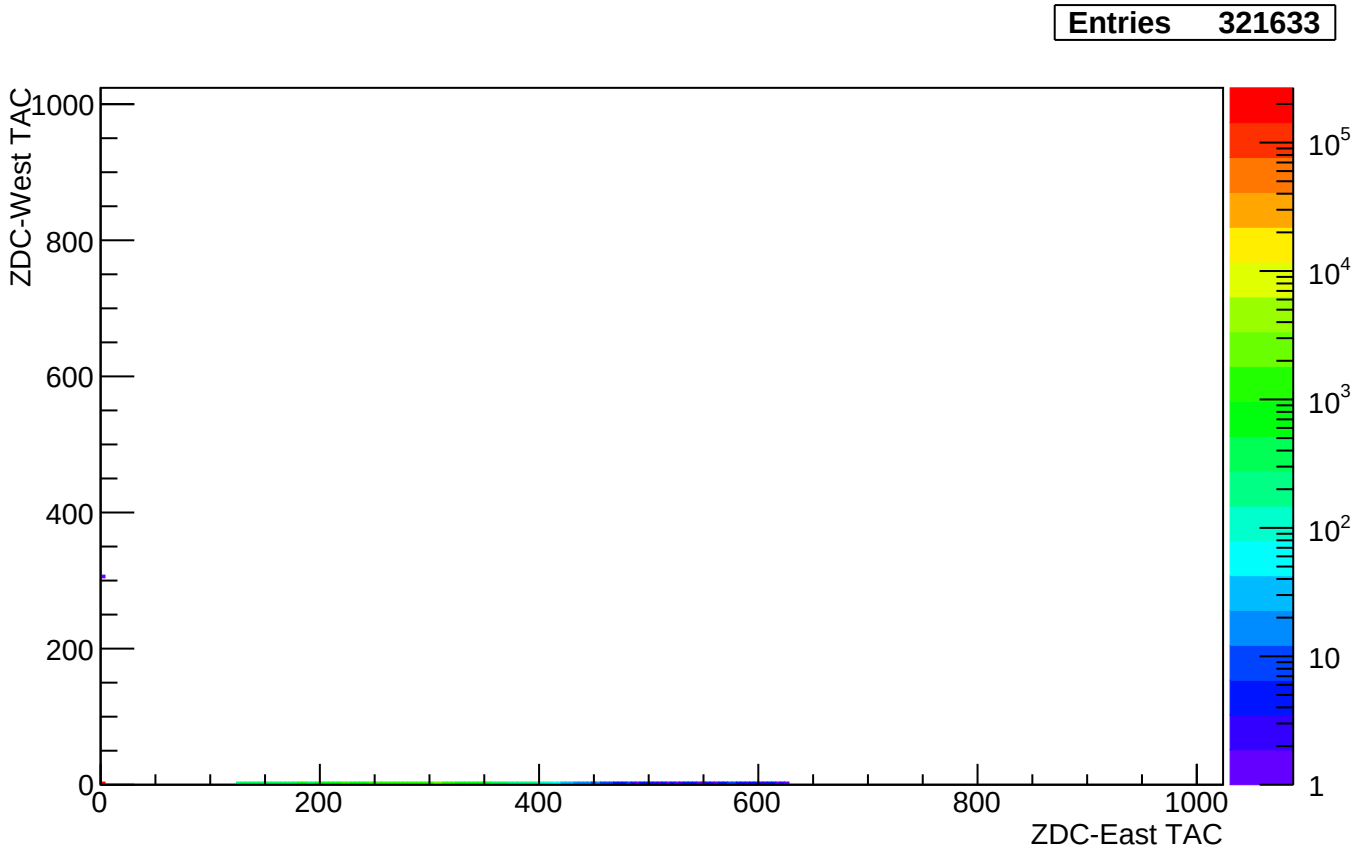

Entries 321633
TOF_Mult
VPD-East ADC Sum

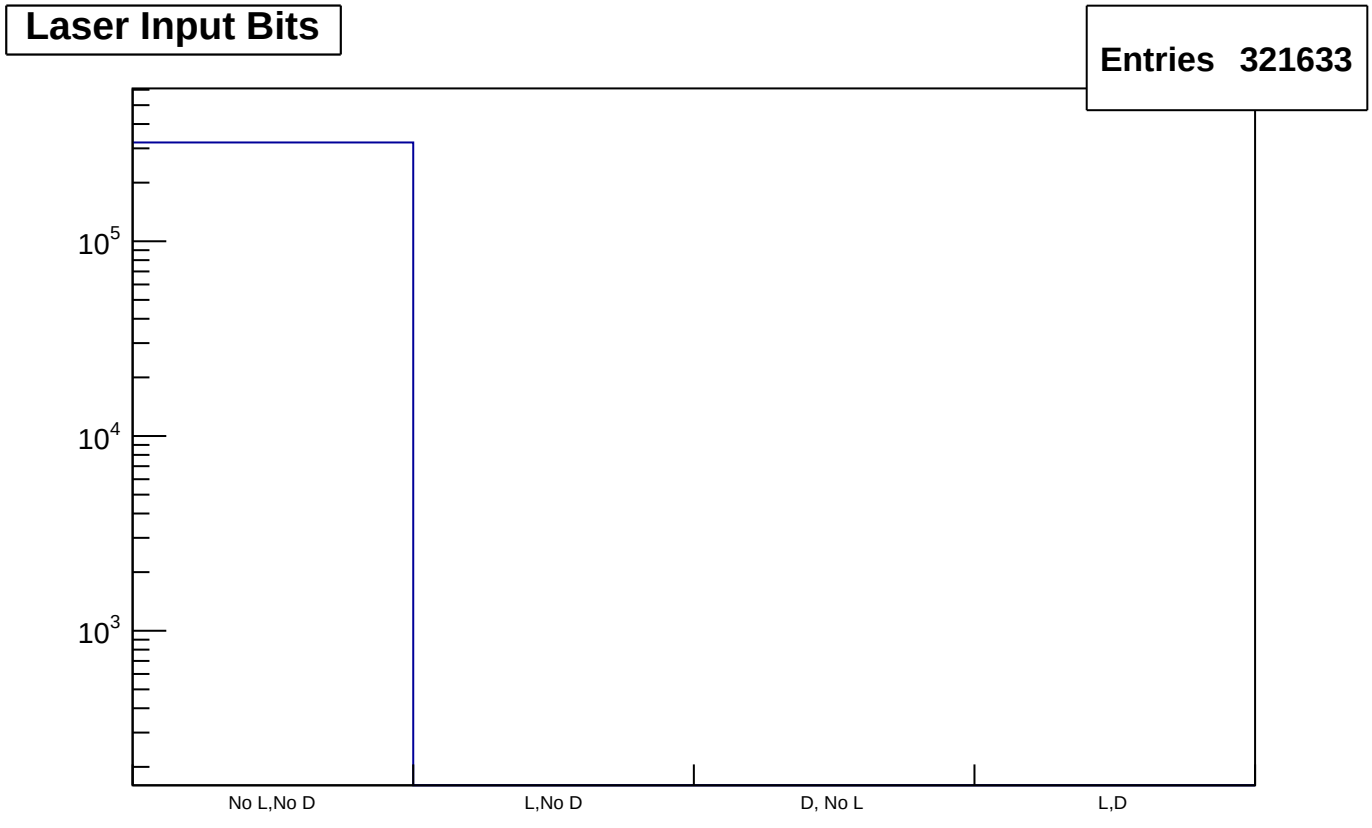

Entries 321633
TOF_Mult
VPD-West ADC Sum

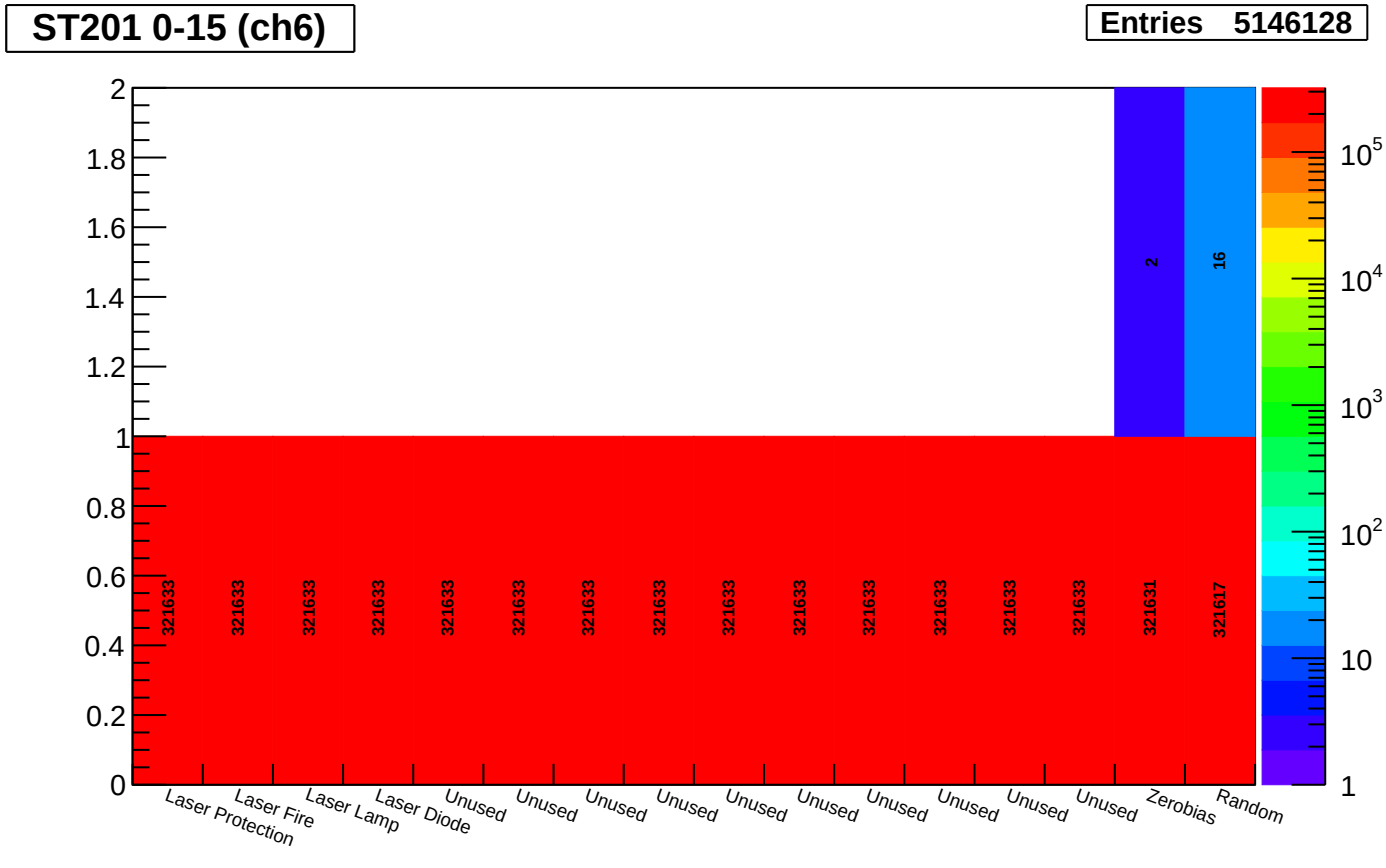

Entries 321633
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10
1
10^{-1}

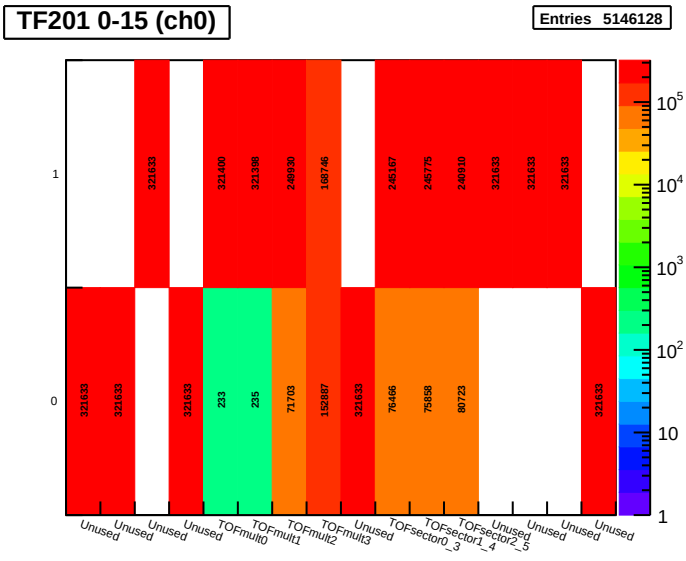

Entries 321633
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

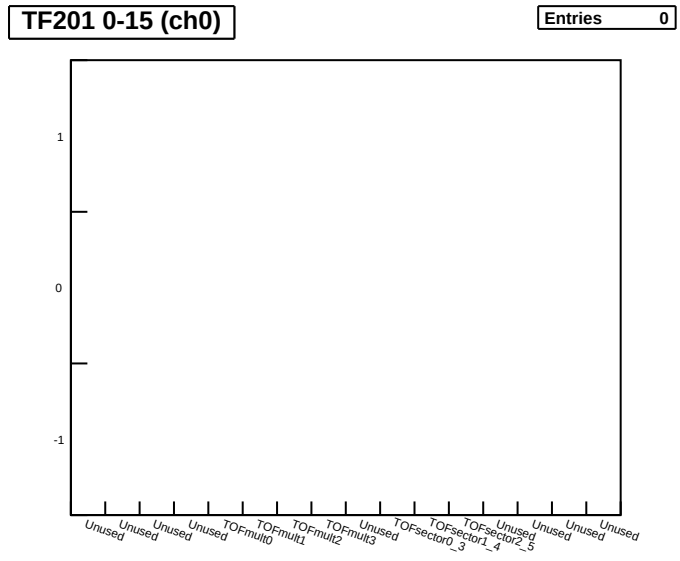

Entries 321633
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff

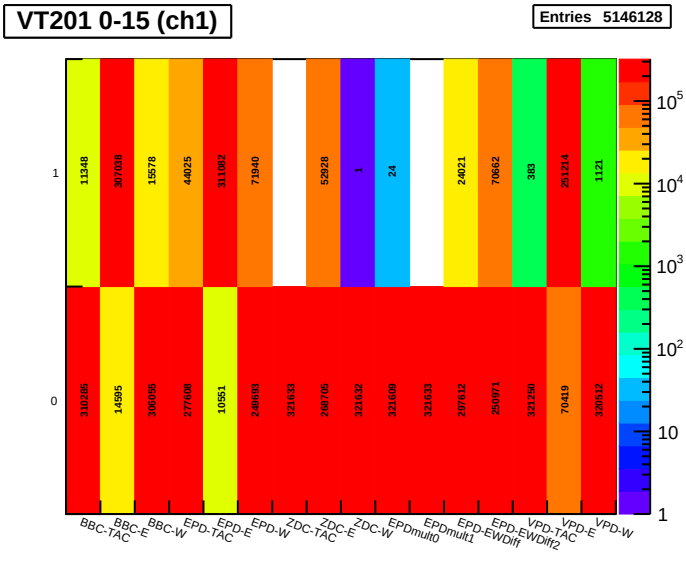

Entries 321633
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

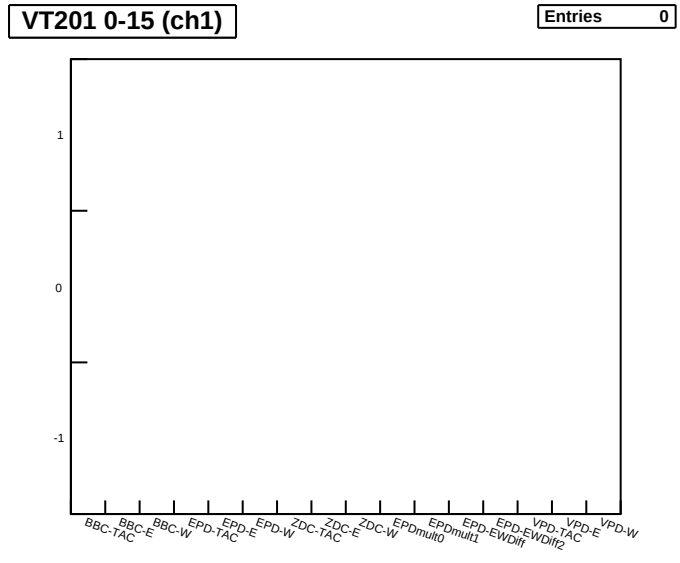

Laser Input Bits
Entries 321633
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

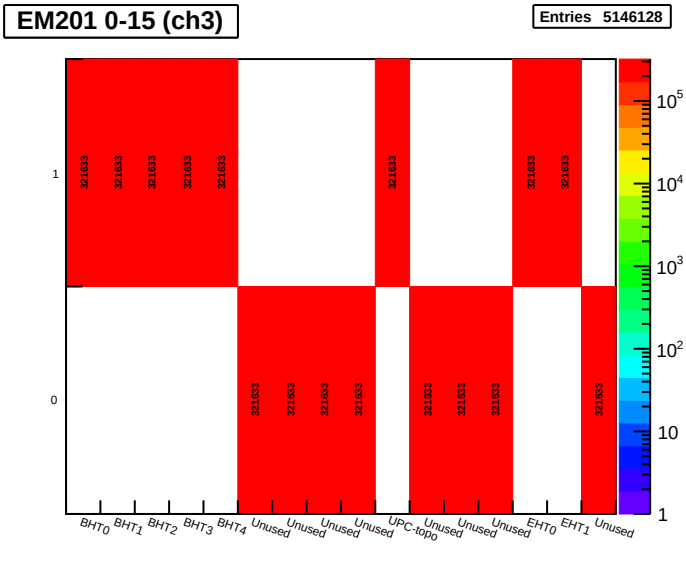

ST201 0-15 (ch6)
Entries 5146128
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
321633
321633
321633
321633
321633
321633
321633
321633
321633
321633
321633
321633
321633
321633
321633
321631
321617
2
16
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

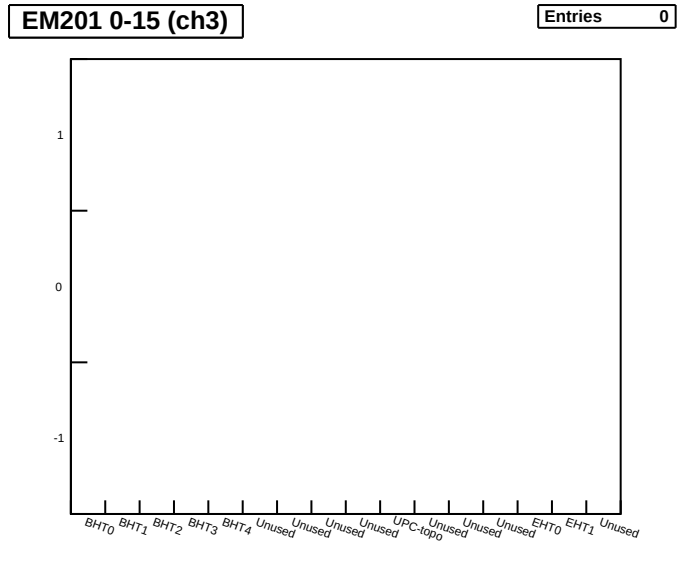

TF201 0-15 (ch0)
Entries 5146128
1
0
321633
321633
321633
321633
321400
321398
240930
168746
245167
245775
240910
321633
321633
321633
321633
223
235
71703
152887
321633
76466
75858
80723
321633
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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


VT201 0-15 (ch1)
Entries 5146128
1
0
11348
307038
15578
44025
311082
71940
52928
1
24
24021
70662
383
251214
1121
310285
14595
306055
277608
10551
249693
321633
268705
321632
321609
321633
297612
250971
321250
70419
320512
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 5146128
1
0
321633
321633
321633
321633
321633
321633
321633
321633
321633
321633
321633
321633
321633
321633
321633
321633
321633
321633
321633
321633
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