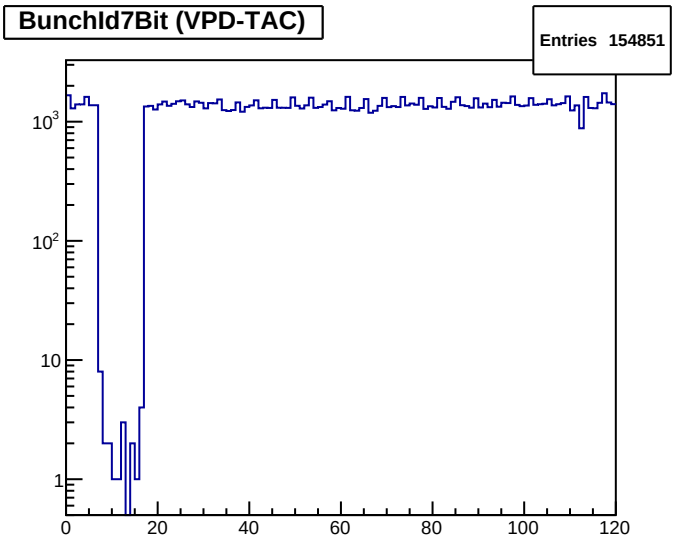
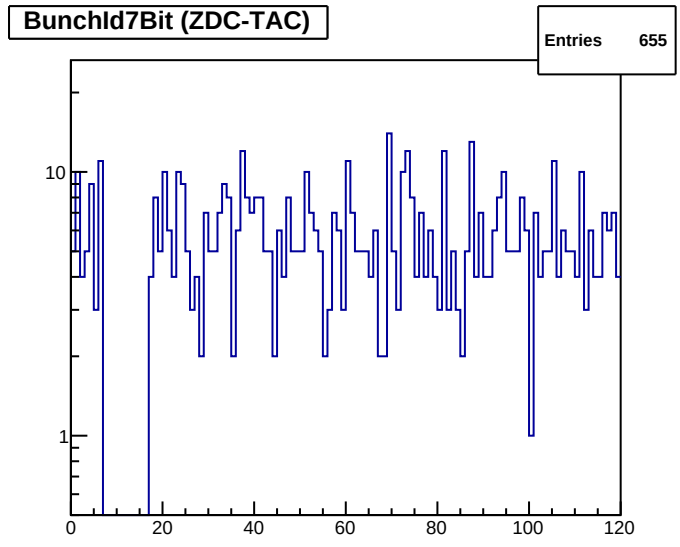
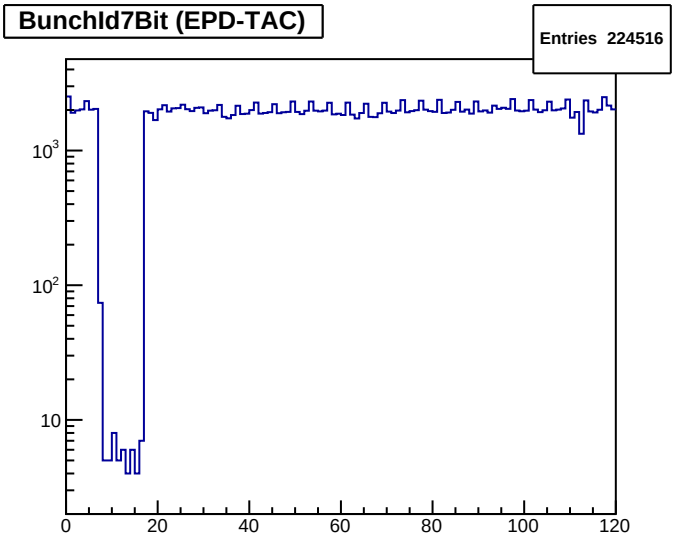
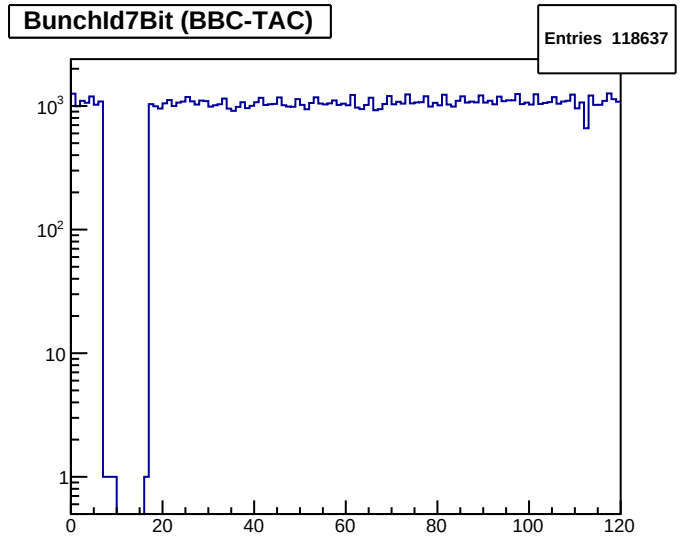
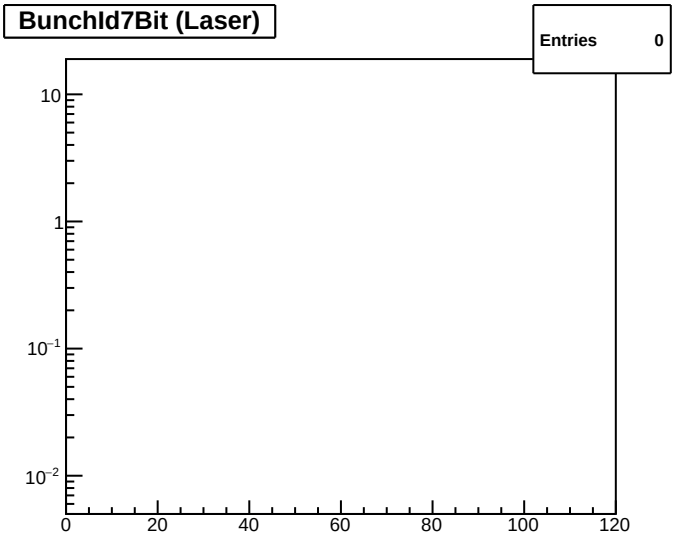
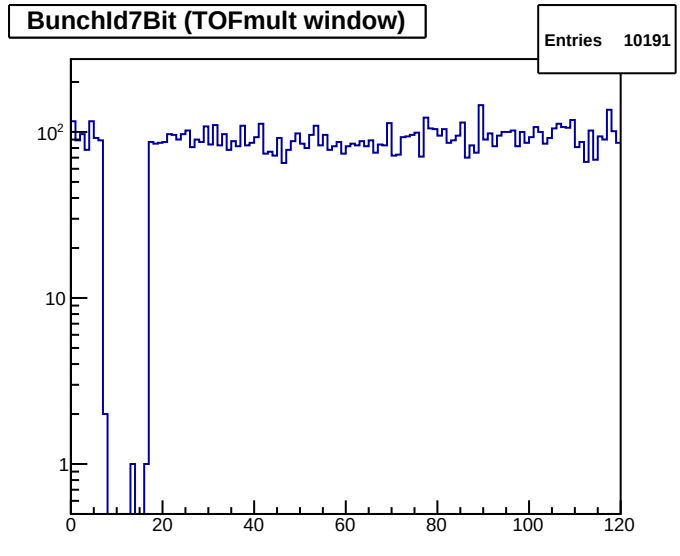

BunchId7Bit (VPD-TAC)
Entries 154851

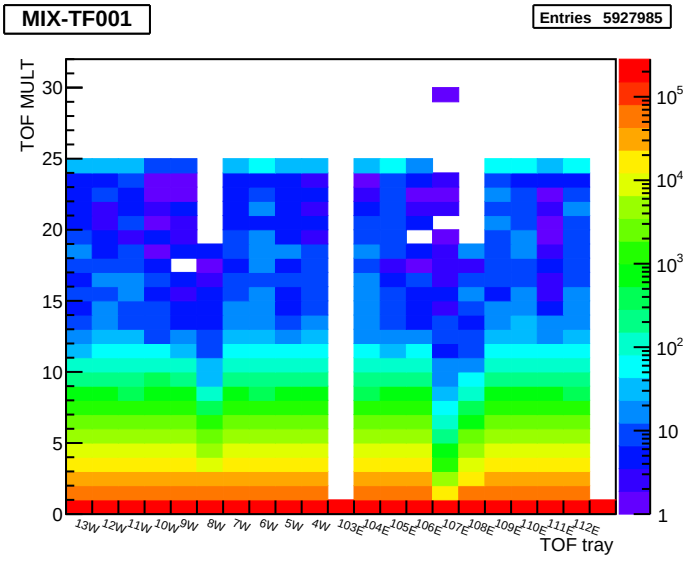

BunchId7Bit (ZDC-TAC)
Entries 655

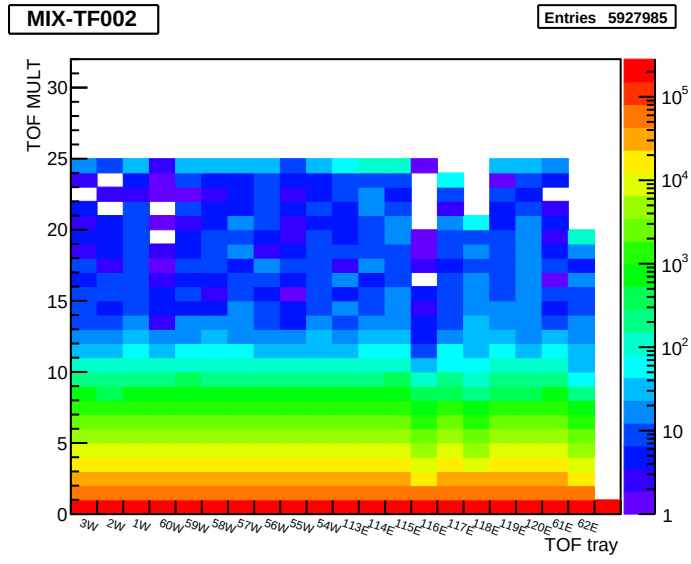

BunchId7Bit (EPD-TAC)
Entries 224516

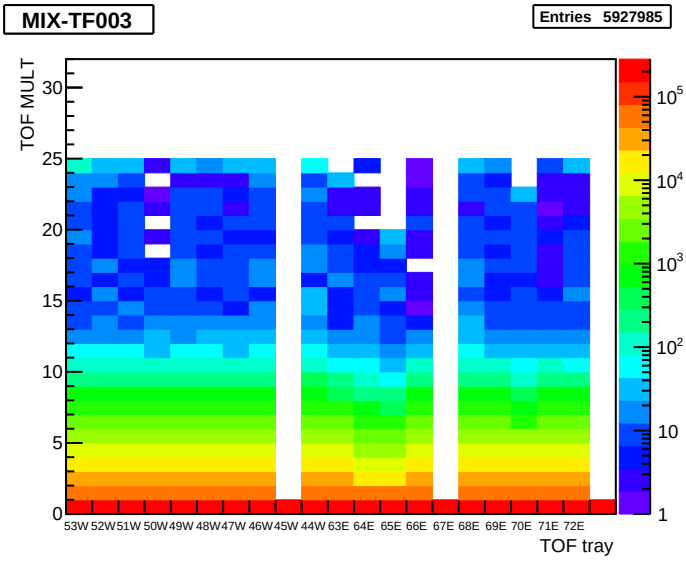

BunchId7Bit (BBC-TAC)
Entries 118637

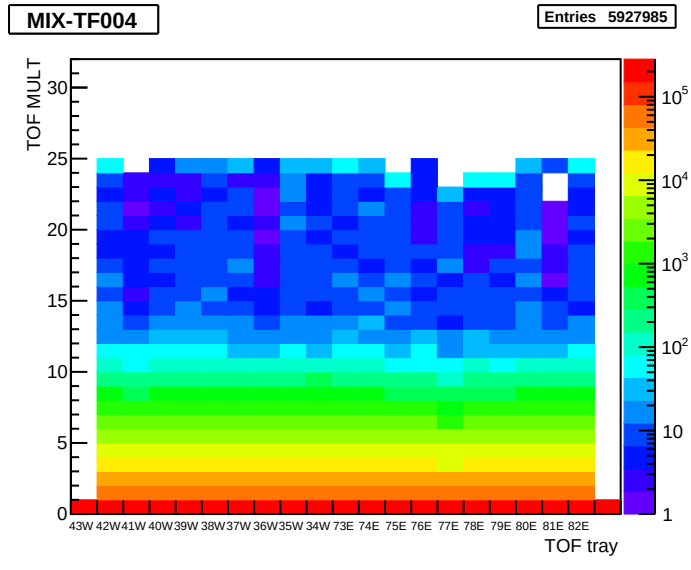

BunchId7Bit (Laser)
Entries 0

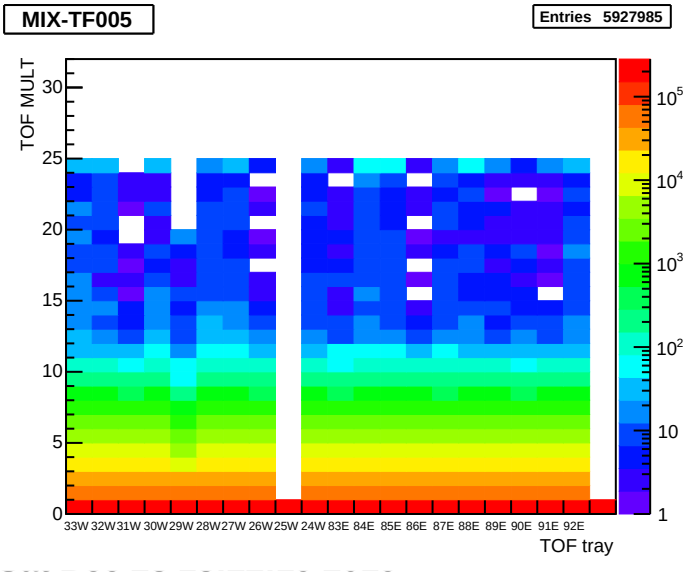

BunchId7Bit (TOFmult window)
Entries 10191

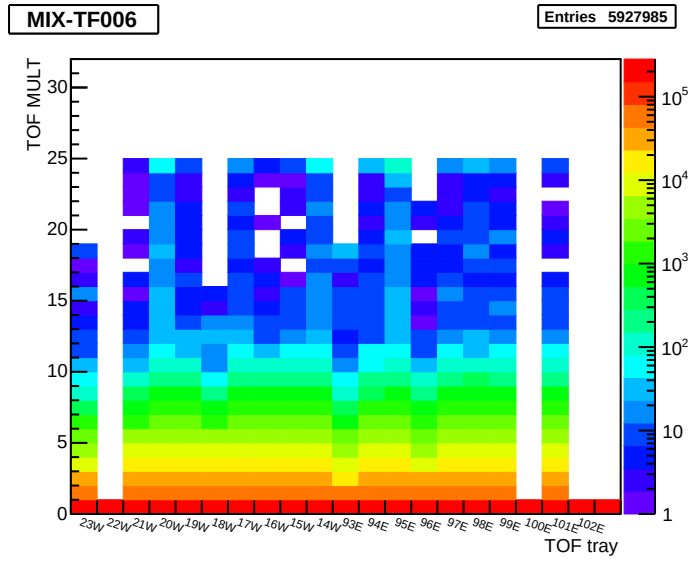

MIX-TF001
Entries 5927985
TOF MULT
TOF tray

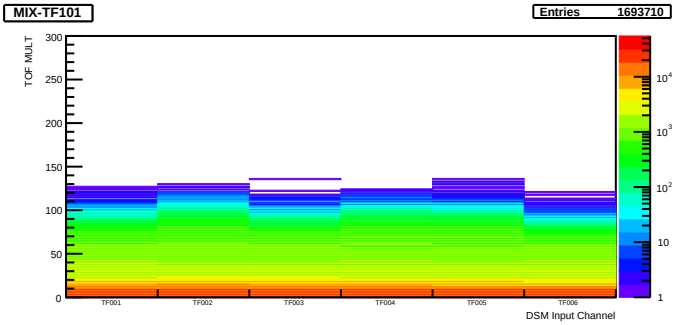

MIX-TF002
Entries 5927985
TOF MULT
TOF tray

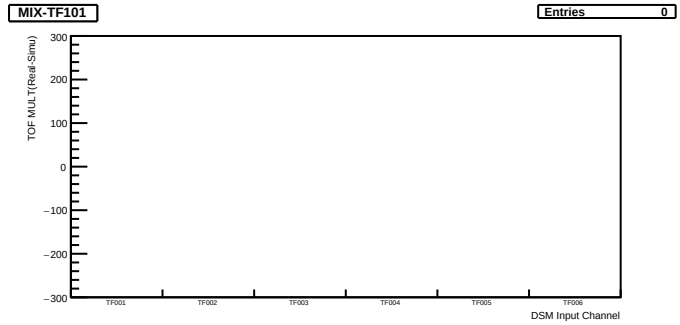

MIX-TF003
Entries 5927985
TOF MULT
TOF tray

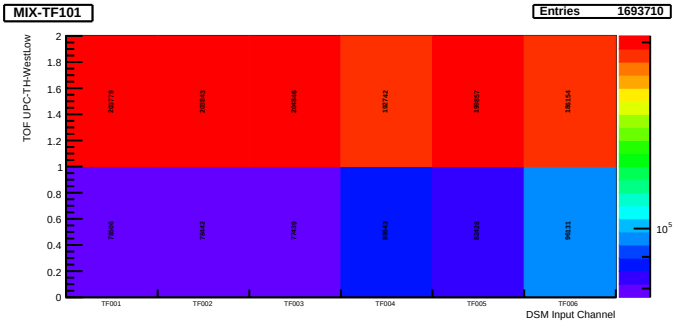

MIX-TF004
Entries 5927985
TOF MULT
TOF tray

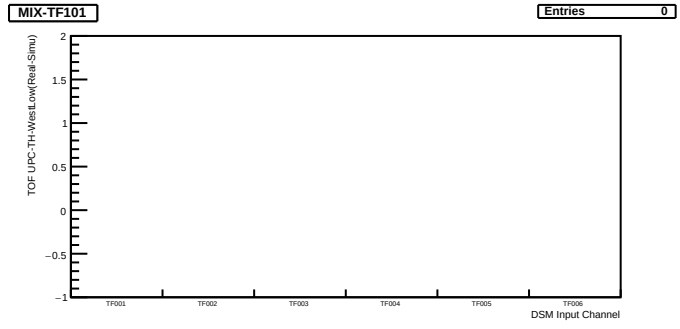

MIX-TF005
Entries 5927985
TOF MULT
TOF tray

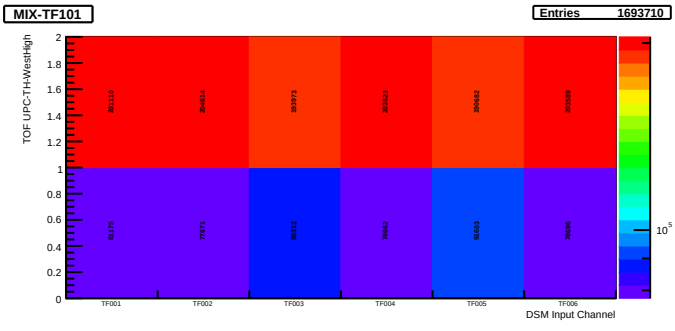

MIX-TF006
Entries 5927985
TOF MULT
TOF tray

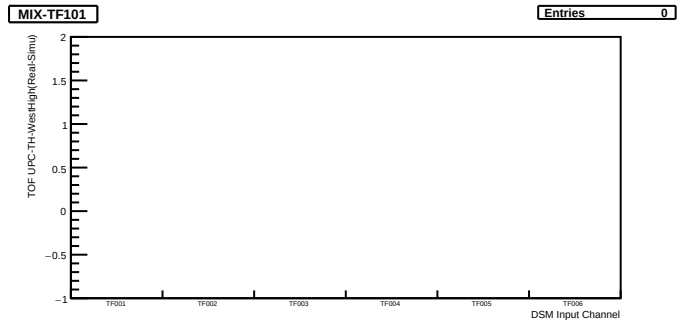

MIX-TF101
Entries 1693710
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

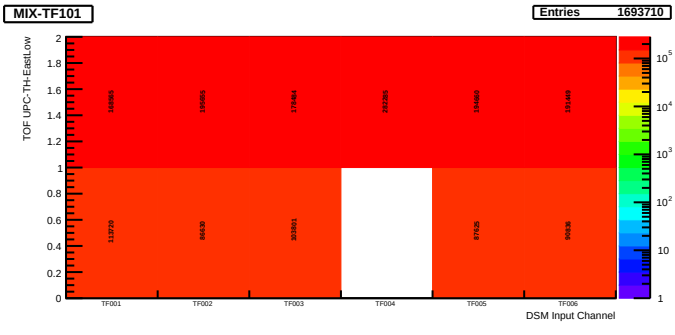

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

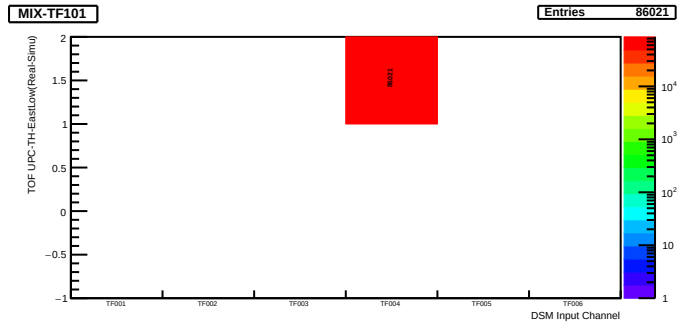

MIX-TF101
Entries 1693710
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

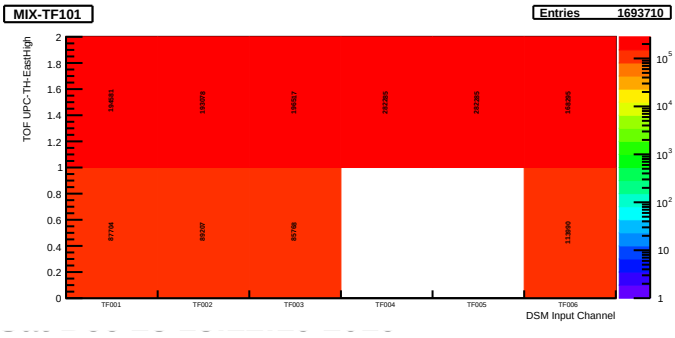

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

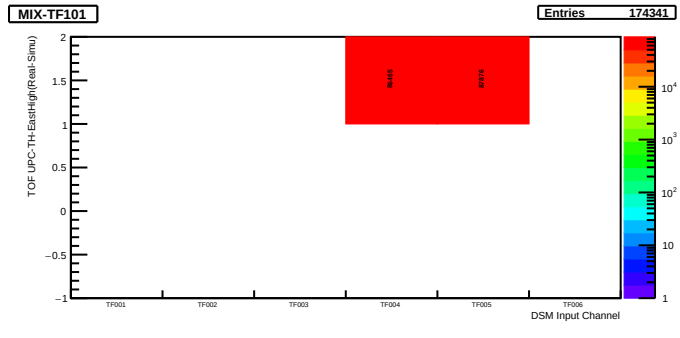

MIX-TF101
Entries 1693710
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

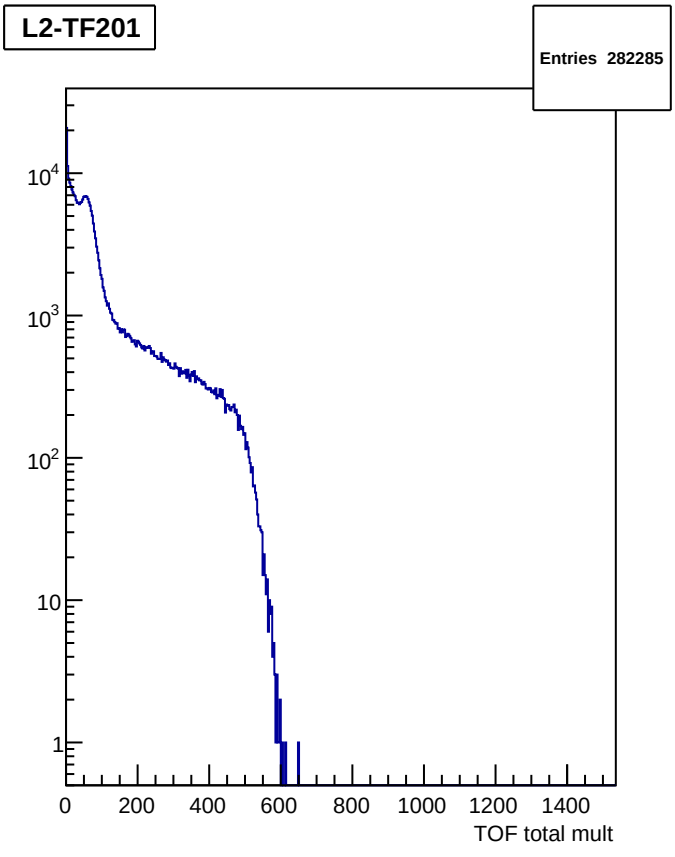

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

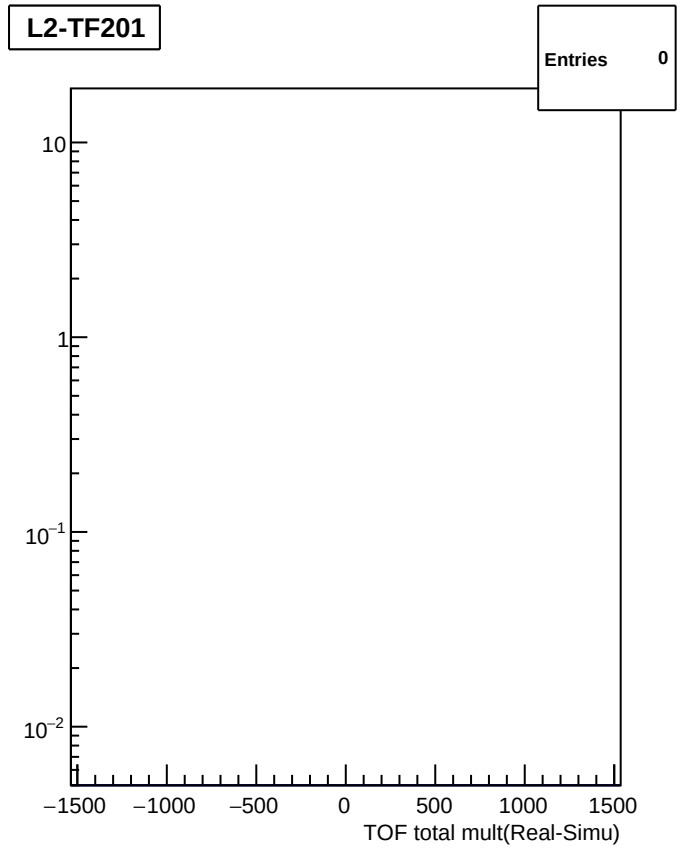

MIX-TF101
Entries 1693710
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

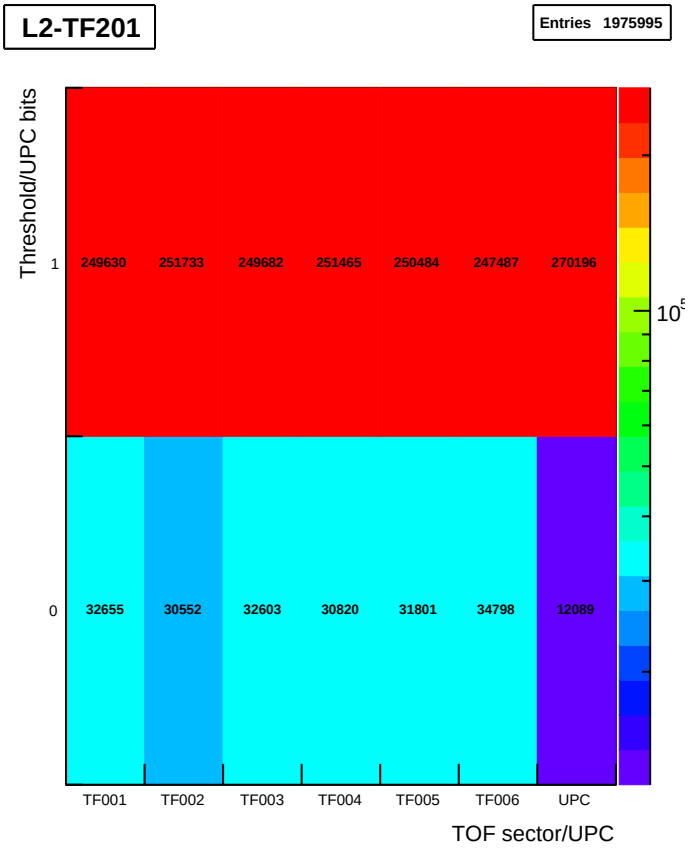

MIX-TF101
Entries 86021
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

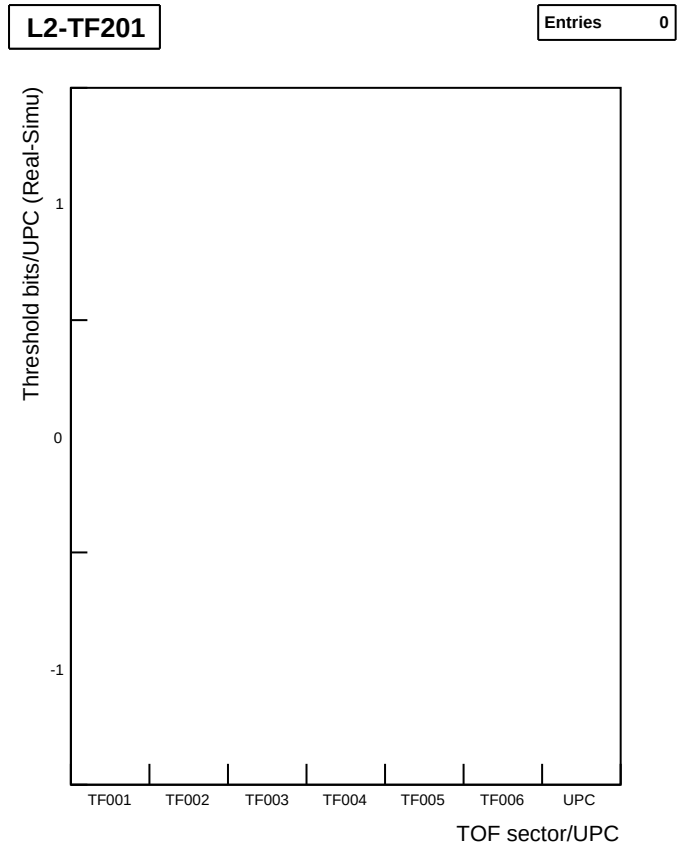

MIX-TF101
Entries 1693710
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

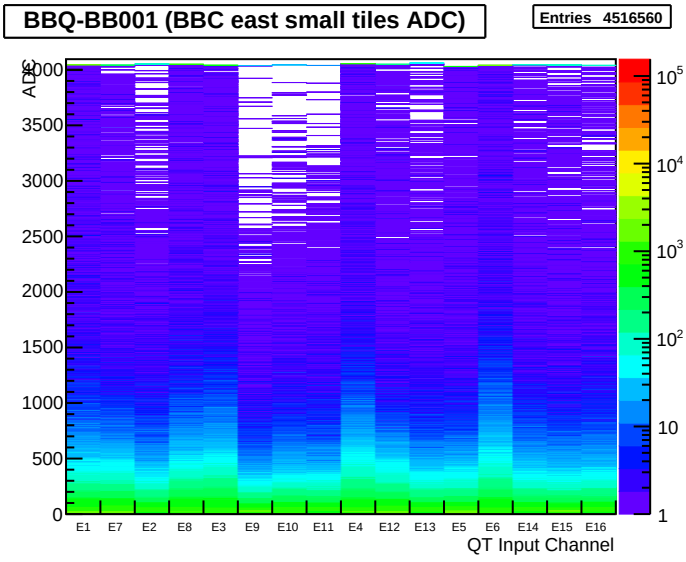

MIX-TF101
Entries 174341
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

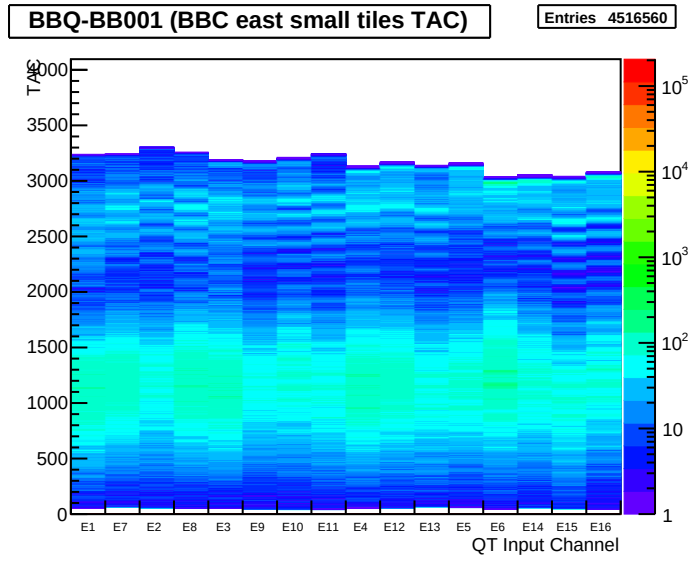

L2-TF201
Entries 282285
TOF total mult

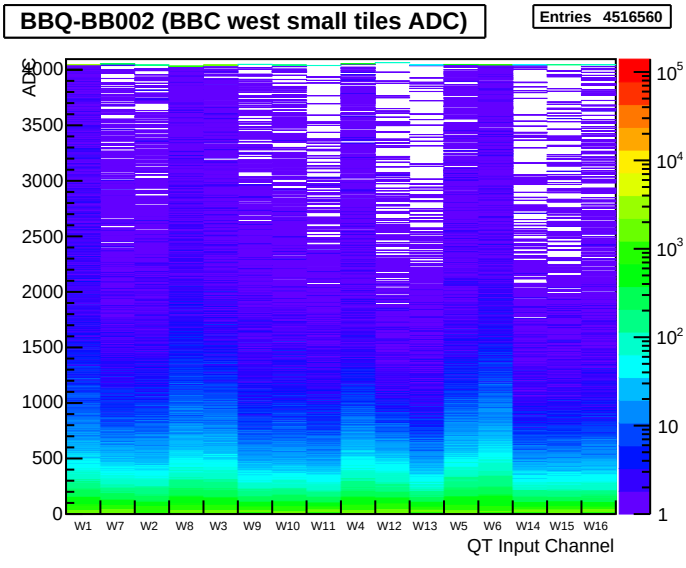

L2-TF201
Entries 0
TOF total mult(Real-Simu)

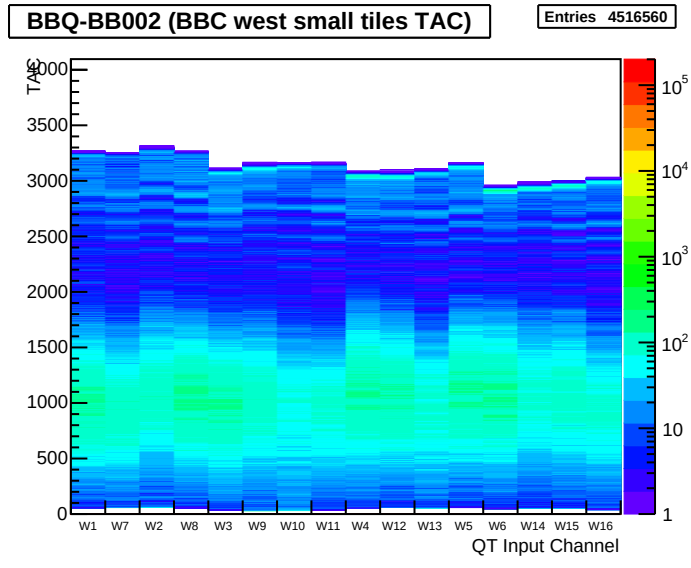

L2-TF201
Entries 1975995
Threshold/UPC bits
249630
251733
249682
251465
250484
247487
270196
32655
30552
32603
30820
31801
34798
12089
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

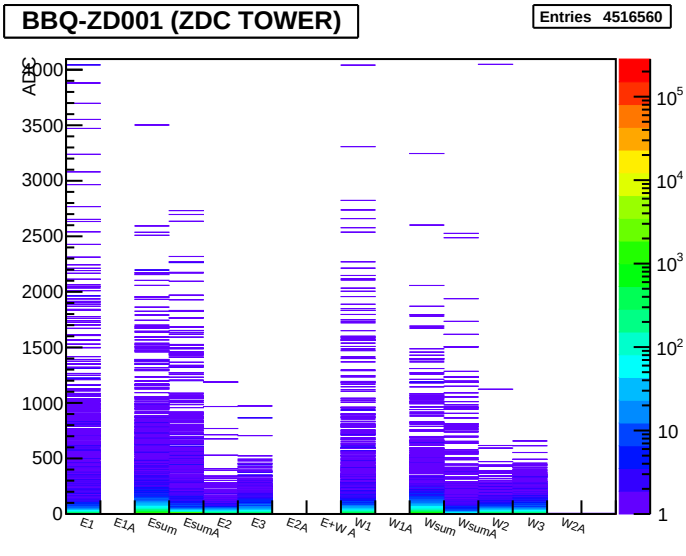

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

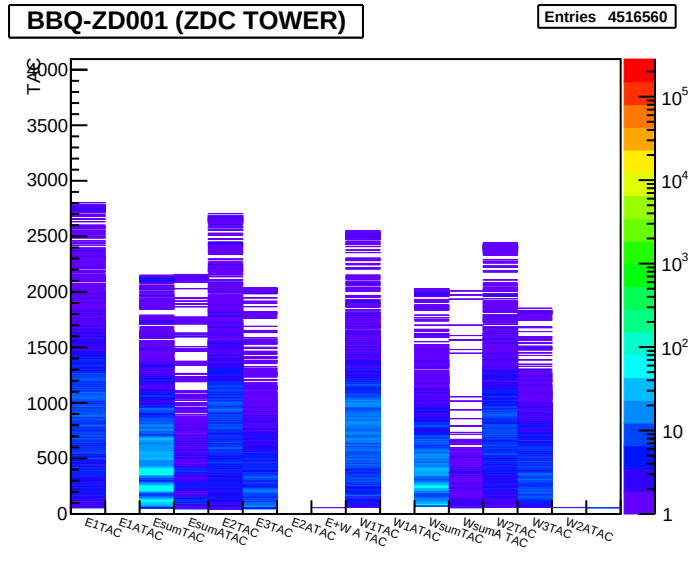

BBQ-BB001 (BBC east small tiles ADC)
Entries 4516560
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

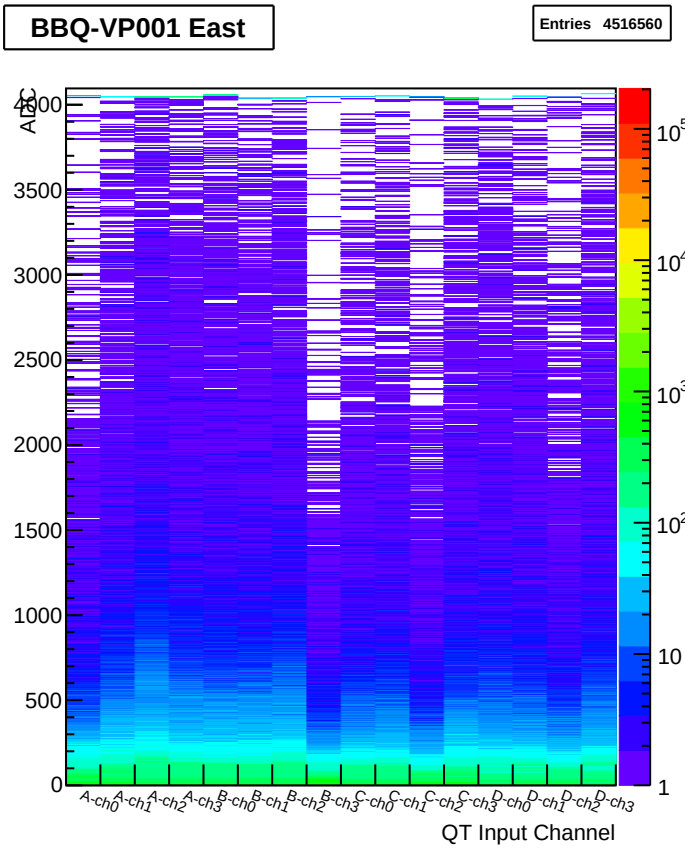

BBQ-BB001 (BBC east small tiles TAC)
Entries 4516560
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

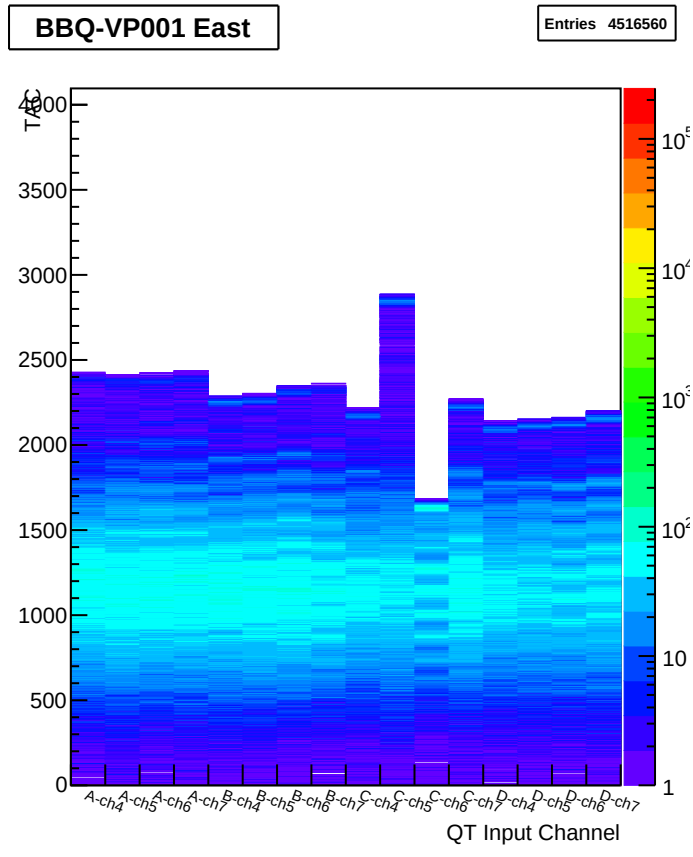

BBQ-BB002 (BBC west small tiles ADC)
Entries 4516560
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

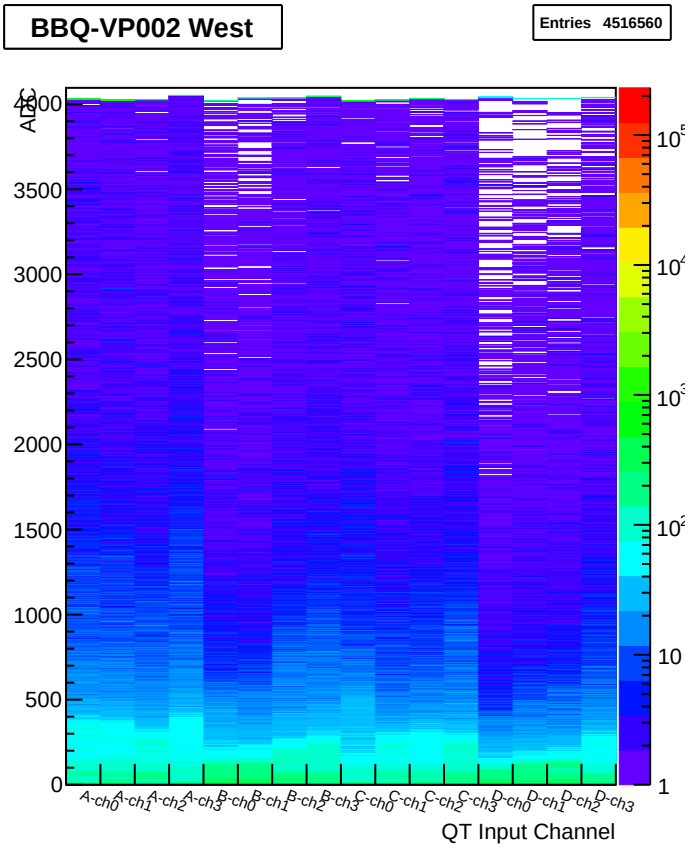

BBQ-BB002 (BBC west small tiles TAC)
Entries 4516560
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

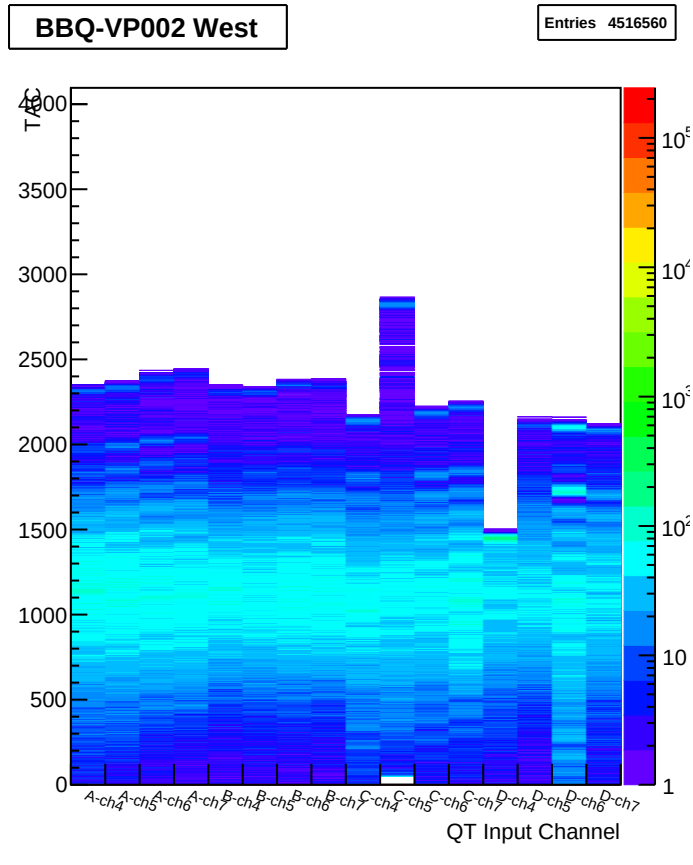

BBQ-ZD001 (ZDC TOWER)
Entries 4516560
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

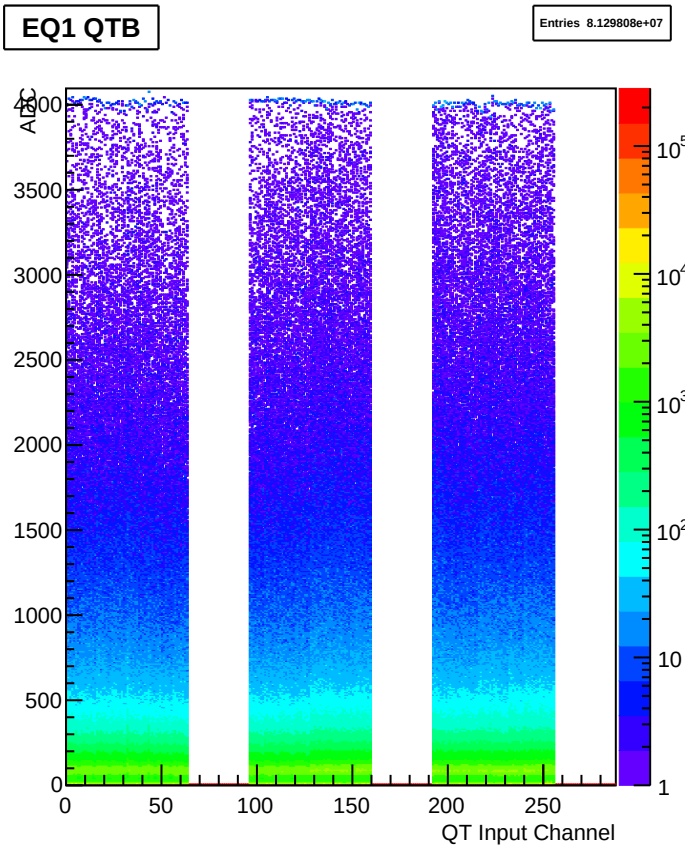

BBQ-ZD001 (ZDC TOWER)
Entries 4516560
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

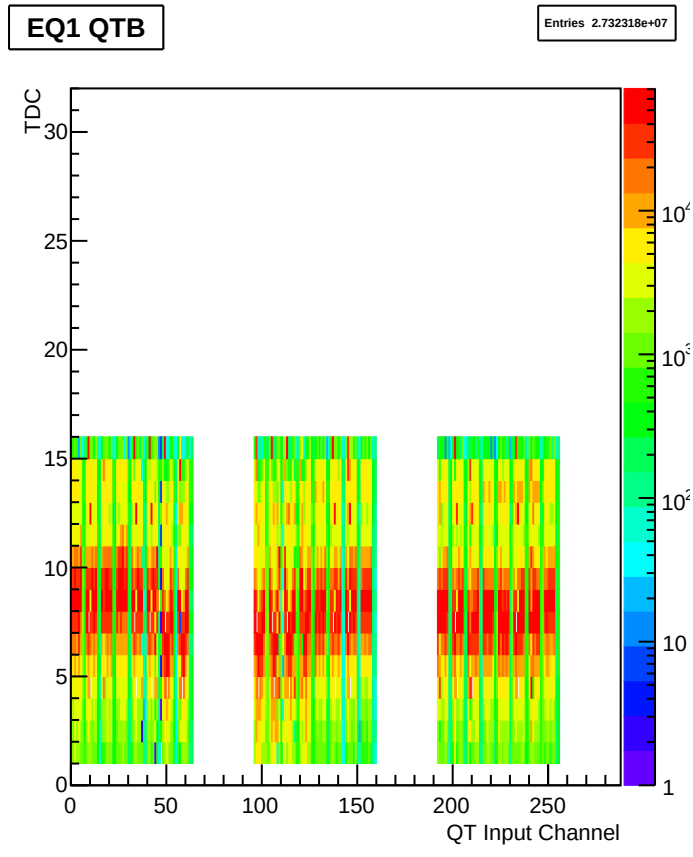

BBQ-VP001 East
Entries 4516560
ADC
QT Input Channel

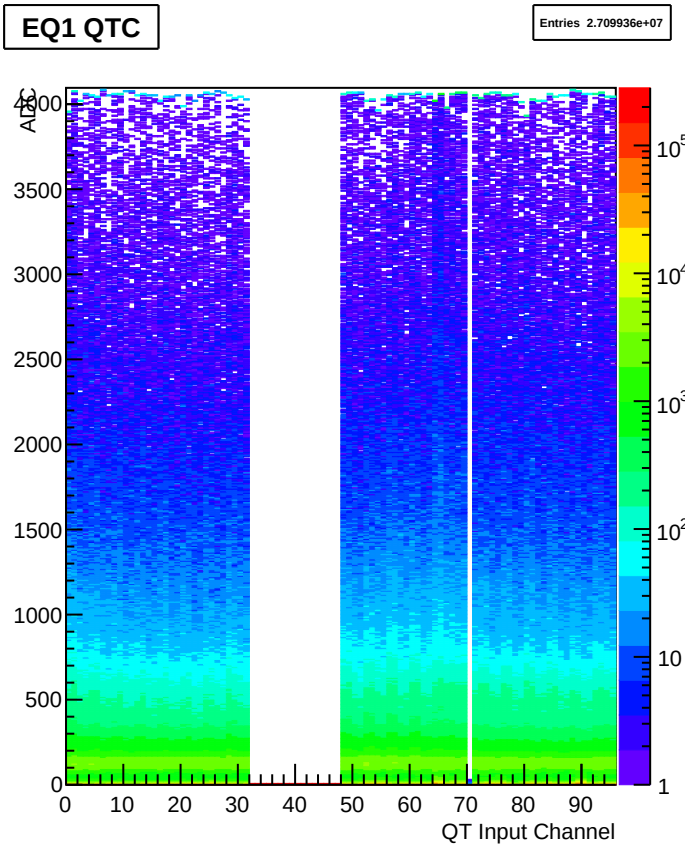

BBQ-VP001 East
Entries 4516560
TADC
QT Input Channel

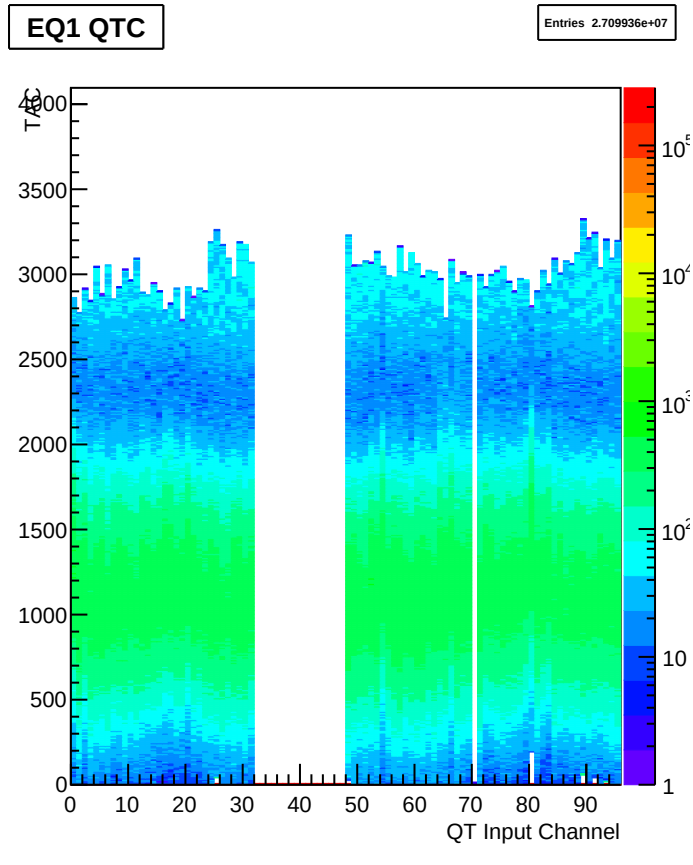

BBQ-VP002 West
Entries 4516560
ADC
QT Input Channel

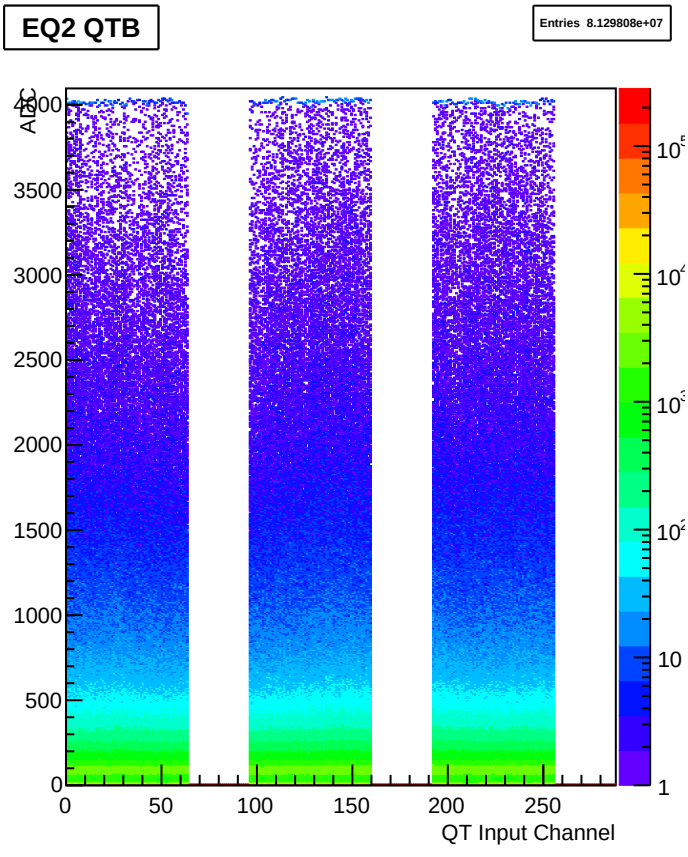

BBQ-VP002 West
Entries 4516560
TADC
QT Input Channel

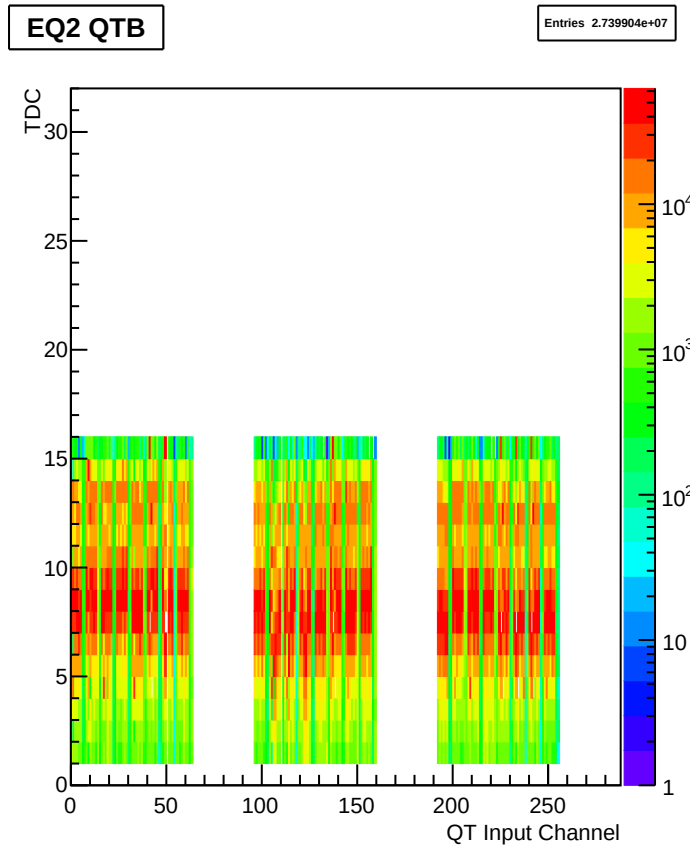

EQ1 QTB
Entries 8.129808e+07
ADC
QT Input Channel

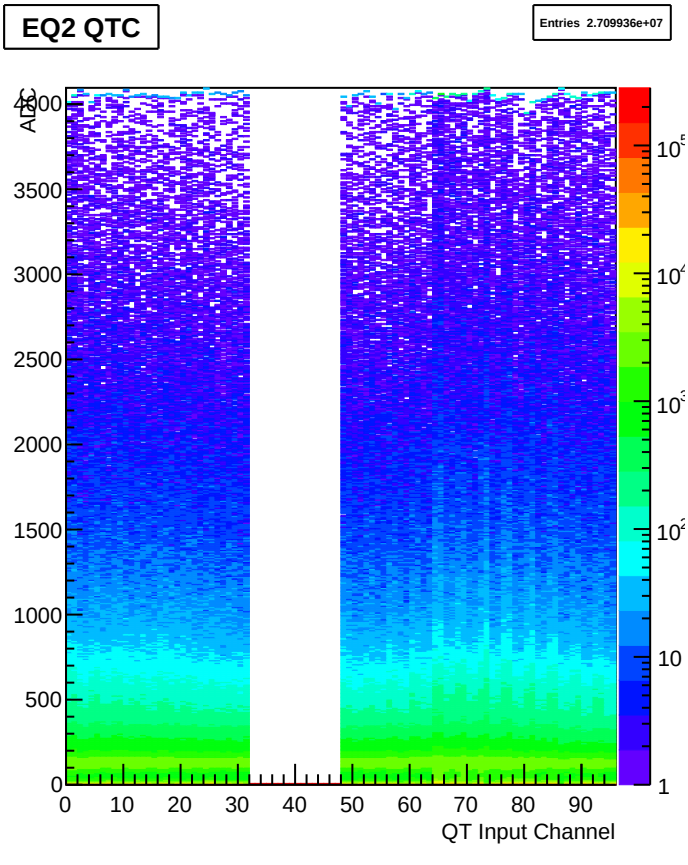

EQ1 QTB
Entries 2.732318e+07
TDC
QT Input Channel

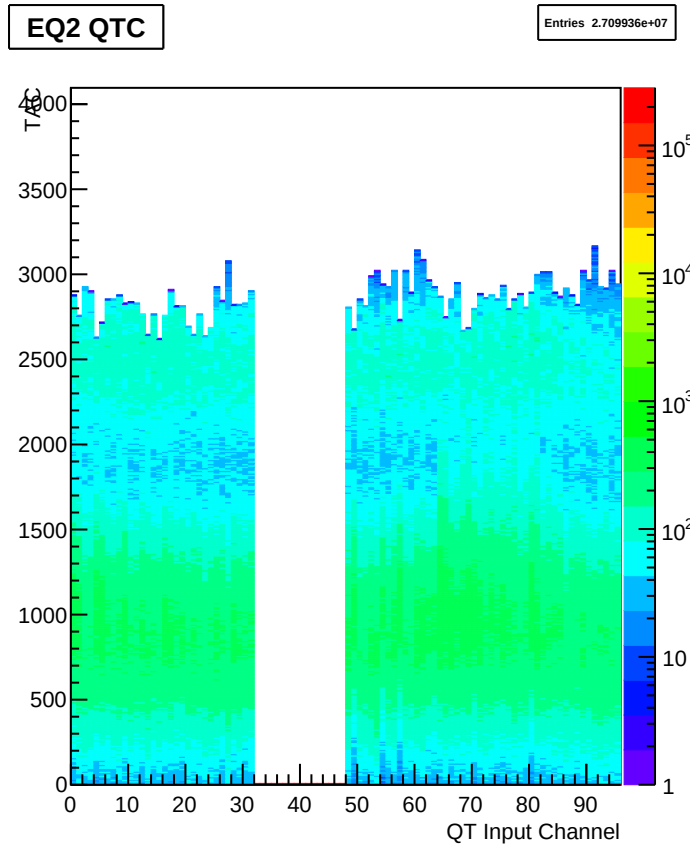

EQ1 QTC
Entries 2.709936e+07
ADC
QT Input Channel

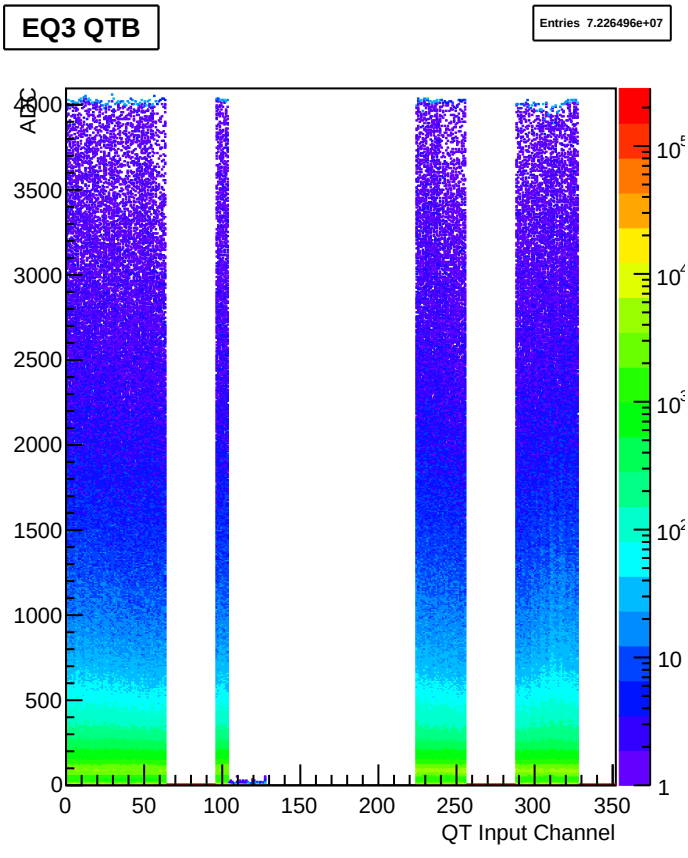

EQ1 QTC
Entries 2.709936e+07
TADC
QT Input Channel

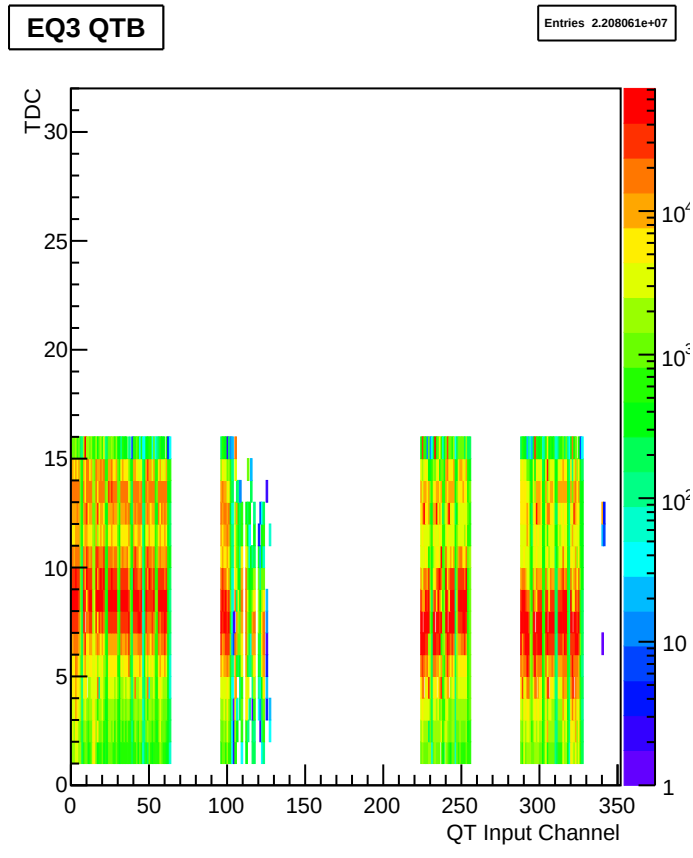

EQ2 QTB
Entries 8.129808e+07
ADC
QT Input Channel

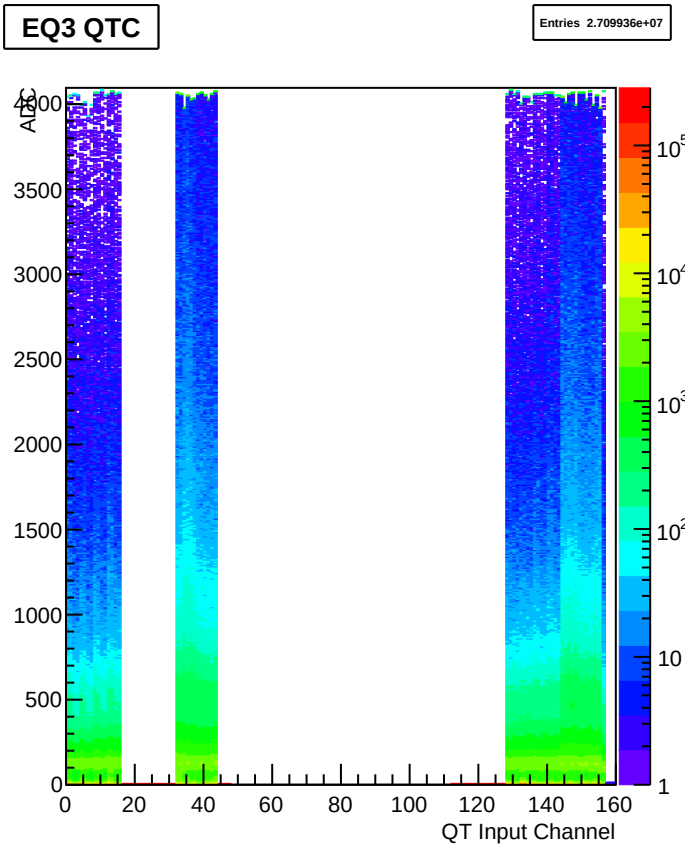

EQ2 QTB
Entries 2.739904e+07
TDC
QT Input Channel

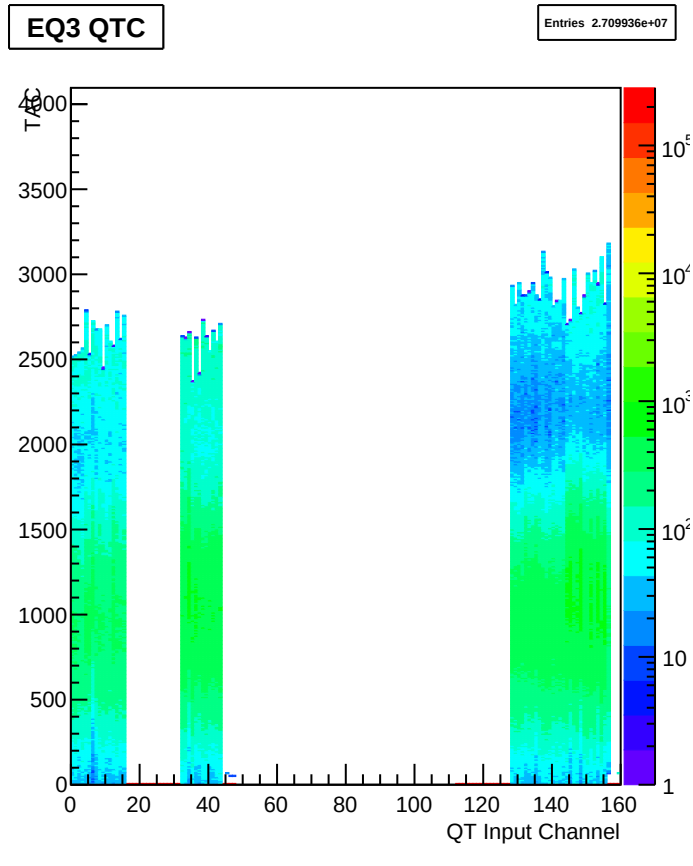

EQ2 QTC
Entries 2.709936e+07
ADC
QT Input Channel

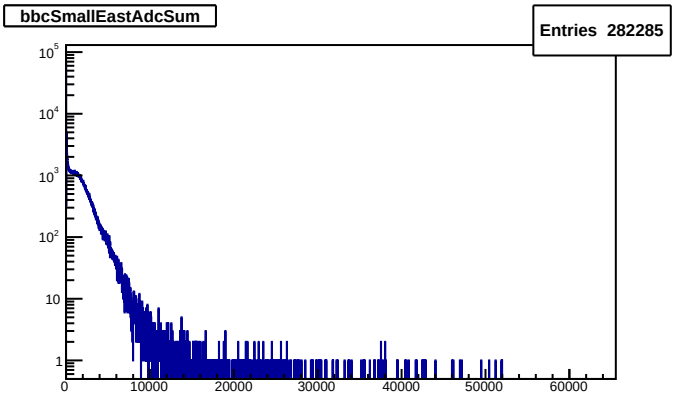

EQ2 QTC
Entries 2.709936e+07
TADC
QT Input Channel

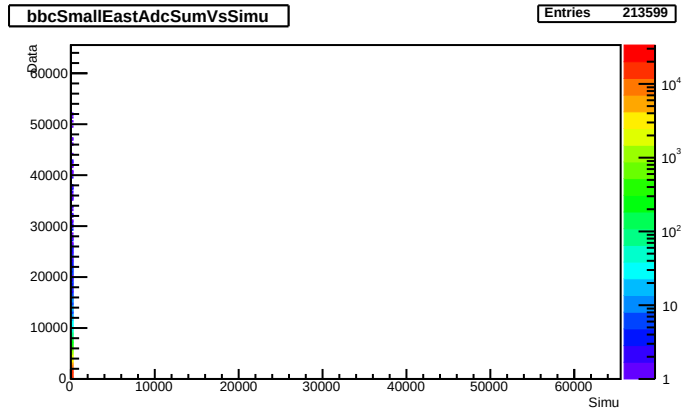

EQ3 QTB
Entries 7.226496e+07
ADC
QT Input Channel

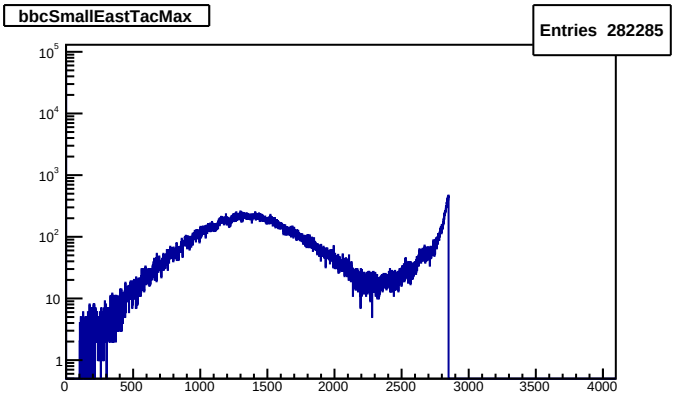

EQ3 QTB
Entries 2.208061e+07
TDC
QT Input Channel

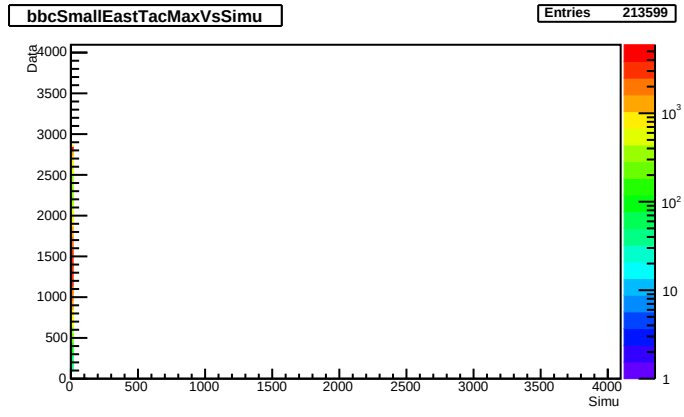

EQ3 QTC
Entries 2.709936e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.709936e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 282285


bbcSmallEastAdcSumVsSimu
Entries 213599
Data
Simu


bbcSmallEastTacMax
Entries 282285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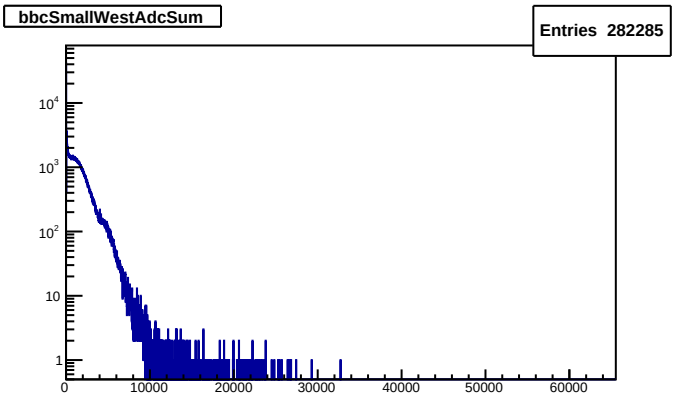
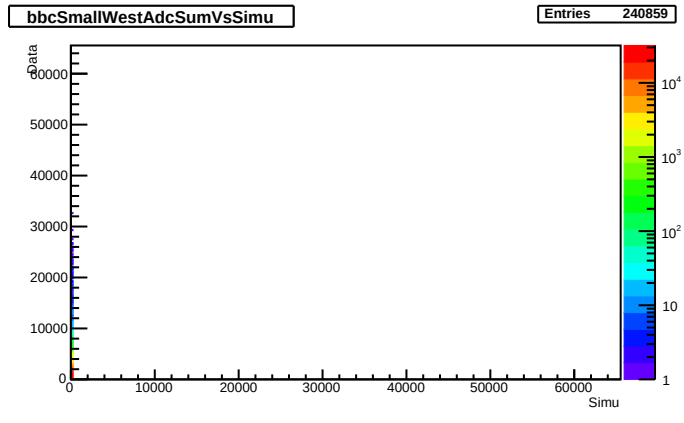
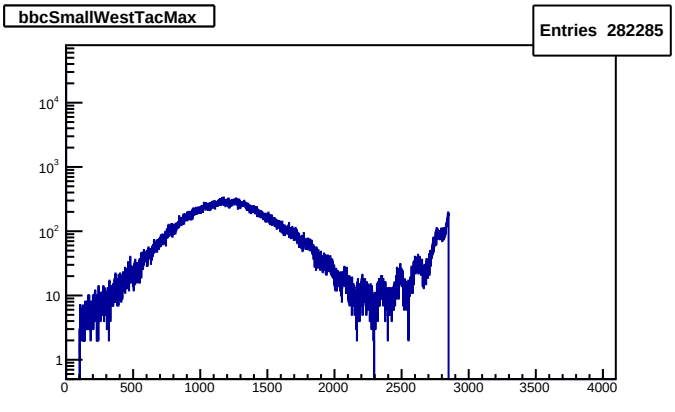
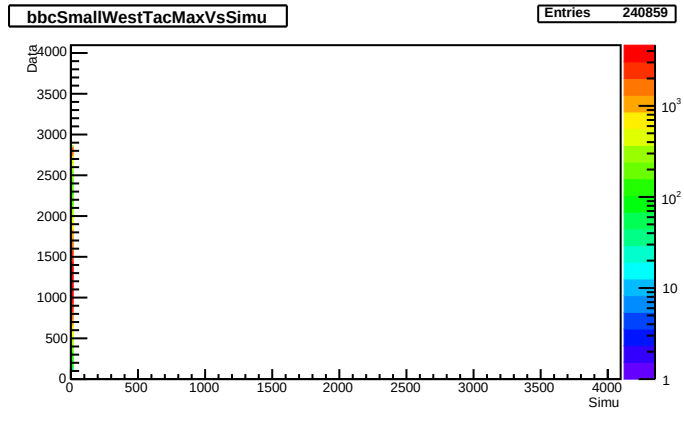
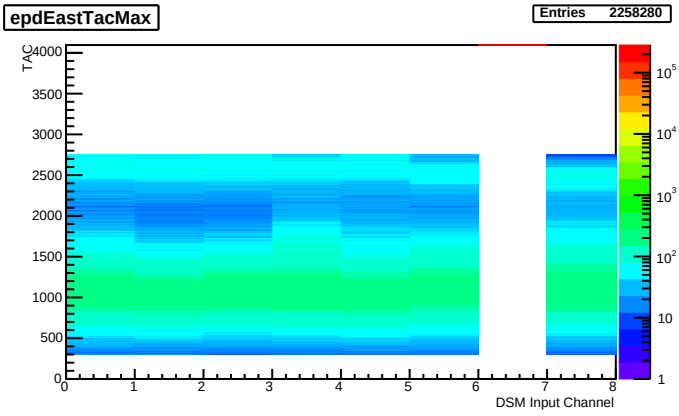
Entries 213599
Data
Simu

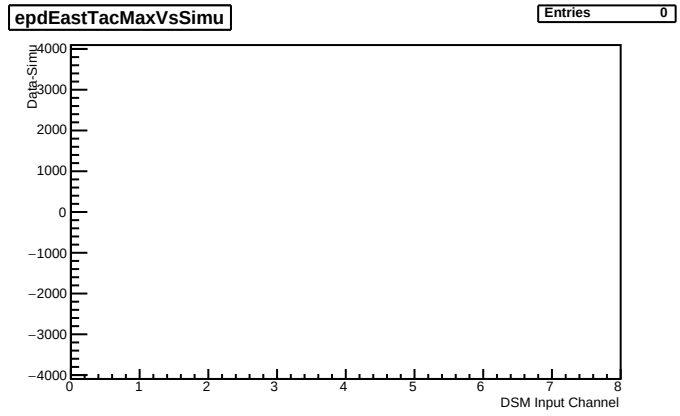

bbcSmallWestAdcSum
Entries 282285


bbcSmallWestAdcSumVsSimu
Entries 240859
Data
Simu


bbcSmallWestTacMax
Entries 282285


bbcSmallWestTacMaxVsSimu
Entries 240859
Data
Simu


epdEastTacMax
Entries 2258280
TAC
DSM Input Channel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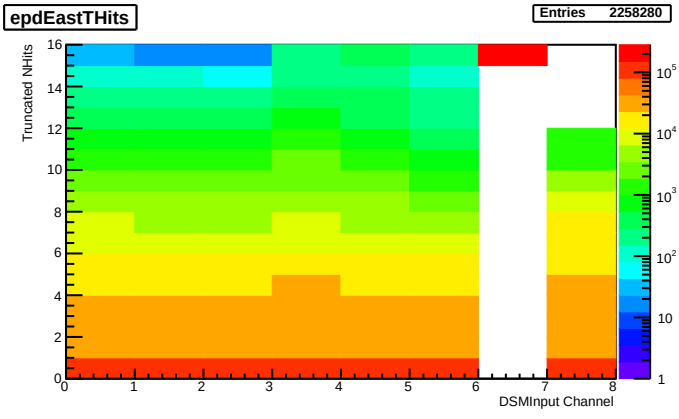
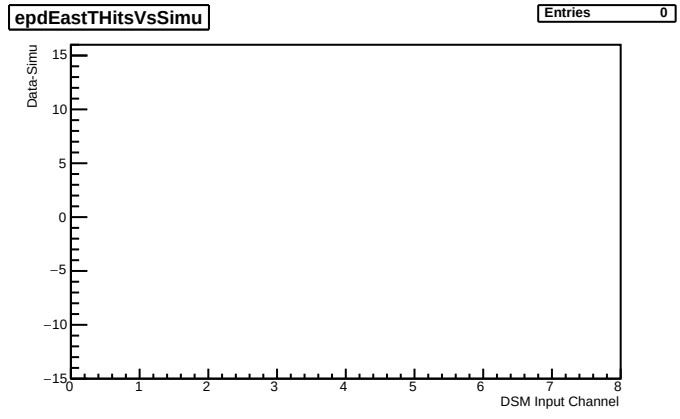
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2258280
Truncated NHits
DSMInput Channel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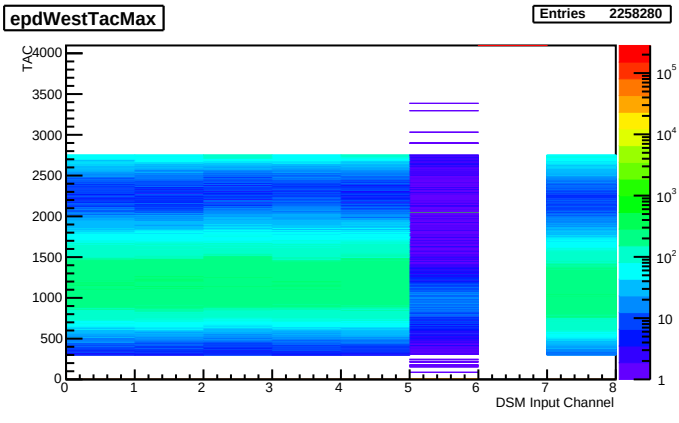
Data-Simu
DSM Input Channel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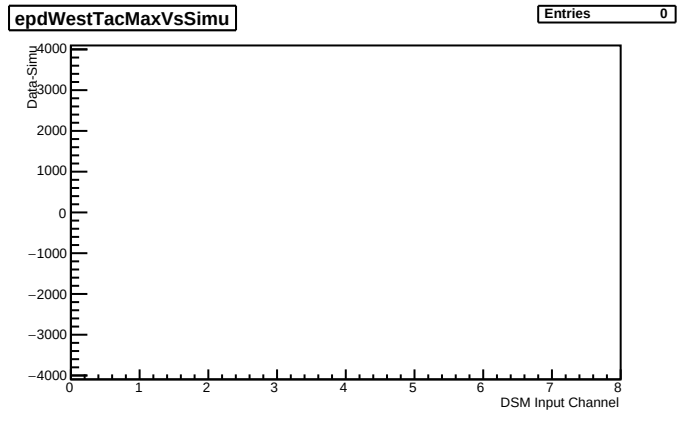
Entries 2258280
TAC
DSM Input Channel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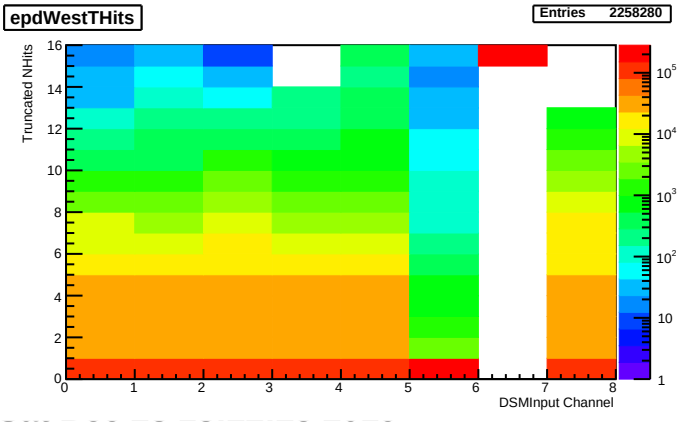
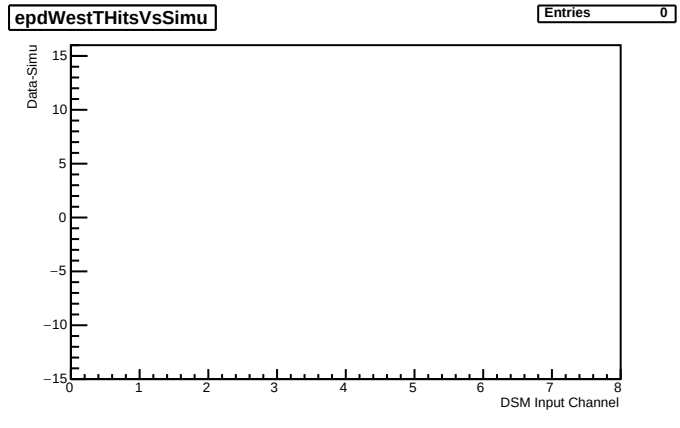
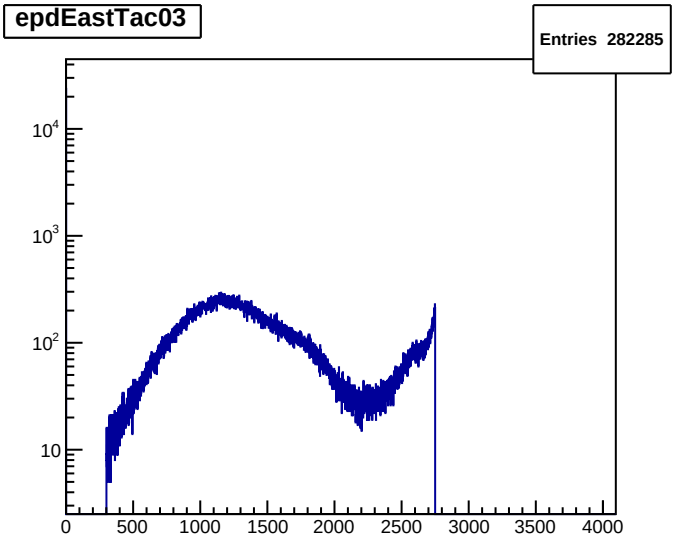
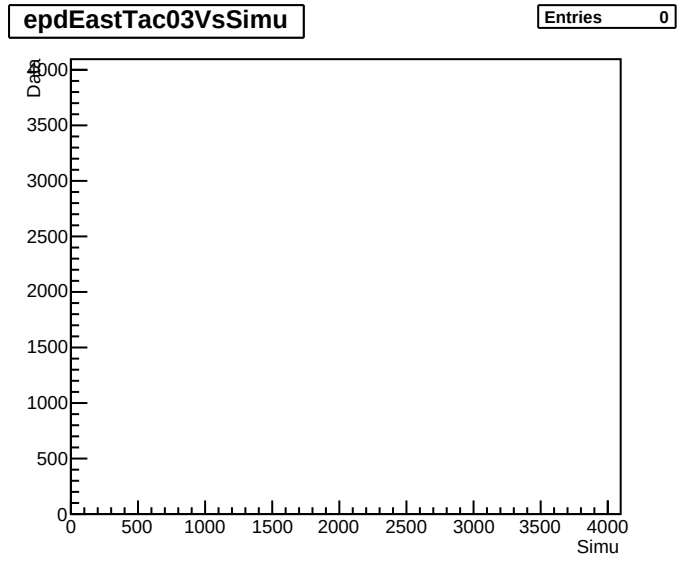
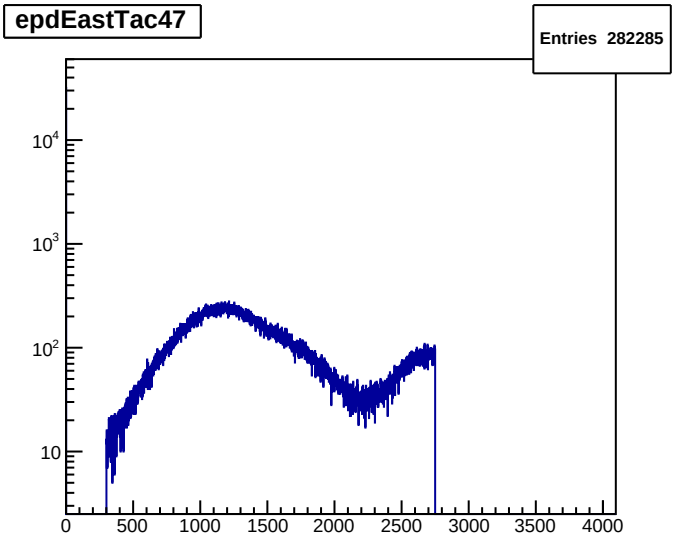
Entries 0
Data-Simu
DSM Input Channel

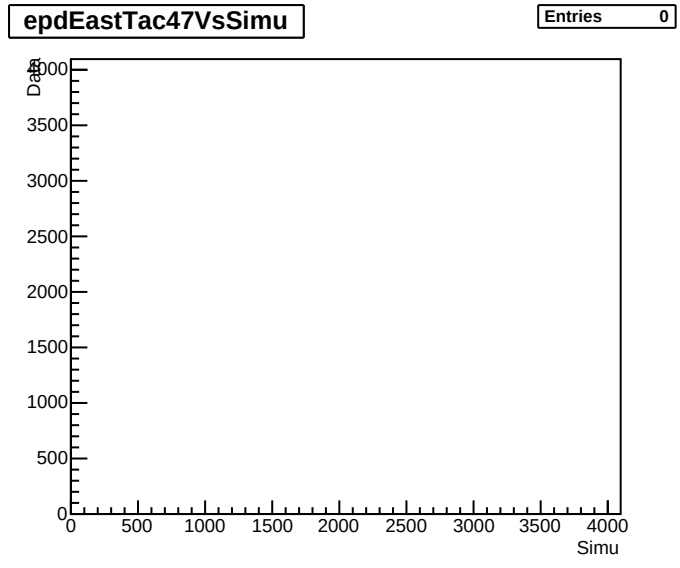

epdWestTHits
Entries 2258280
Truncated NHits
DSMInput Channel

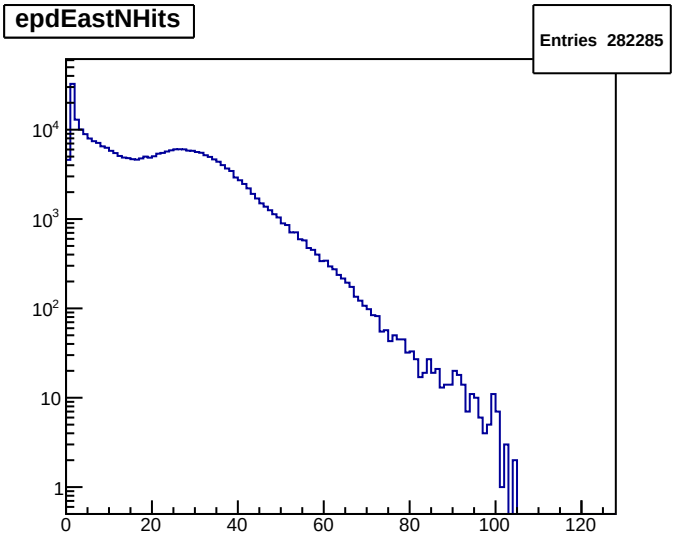

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

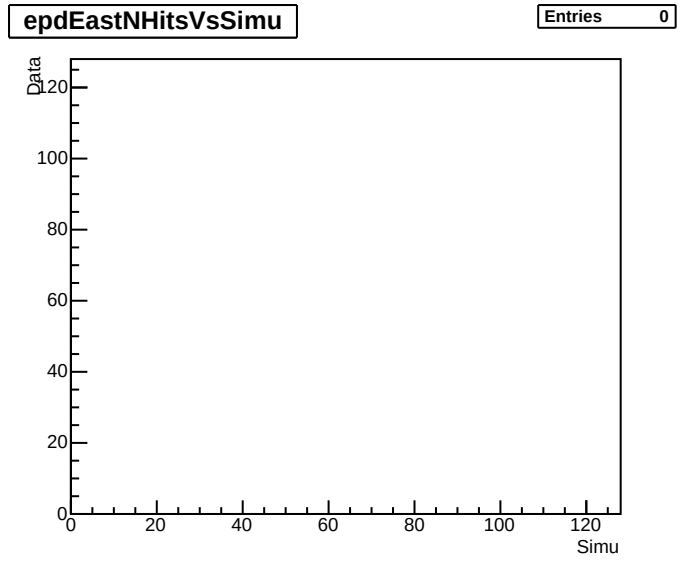

epdEastTac03
Entries 282285


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 282285


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 282285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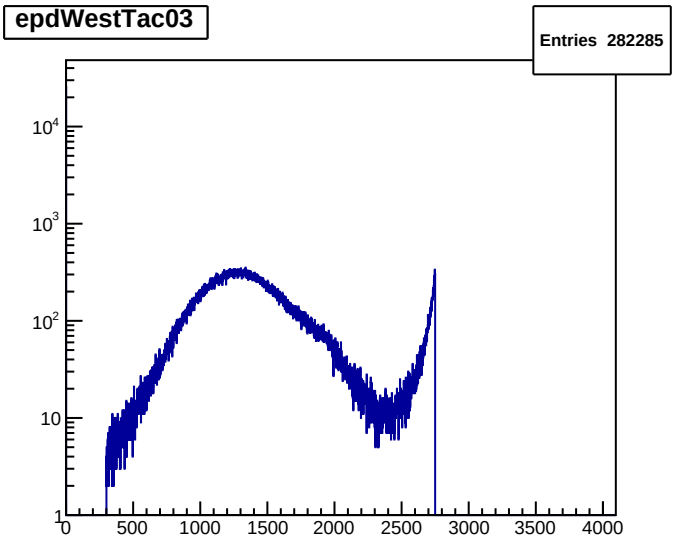
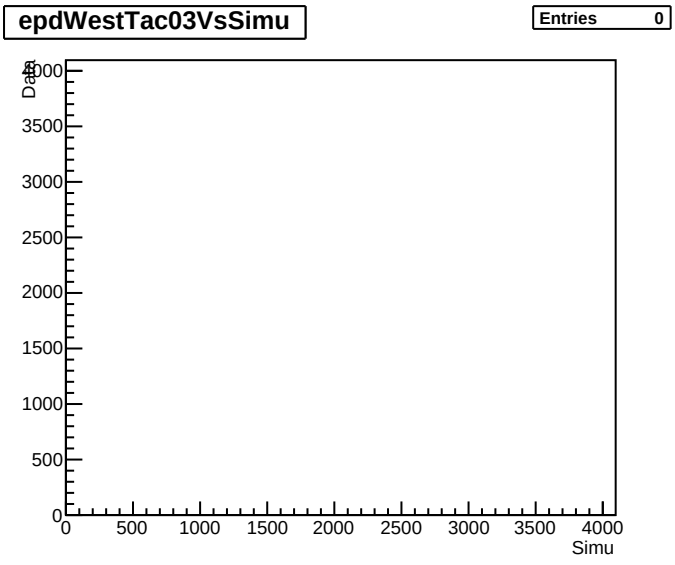
Entries 0
Data
Simu


epdWestTac03
Entries 282285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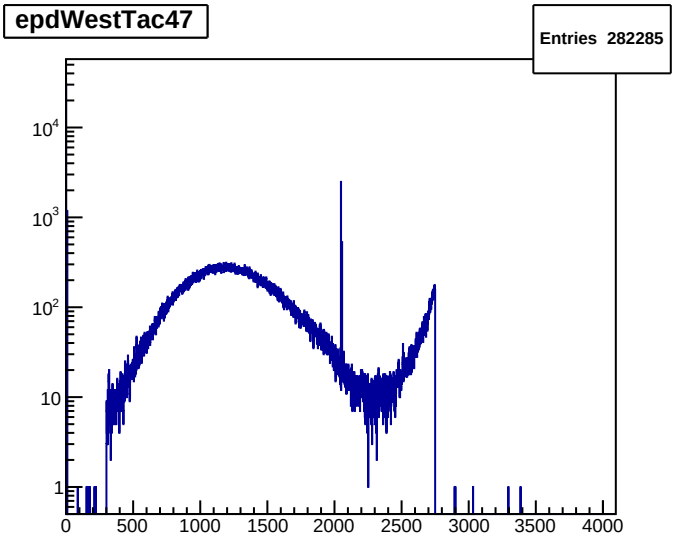
Entries 0
Data
Simu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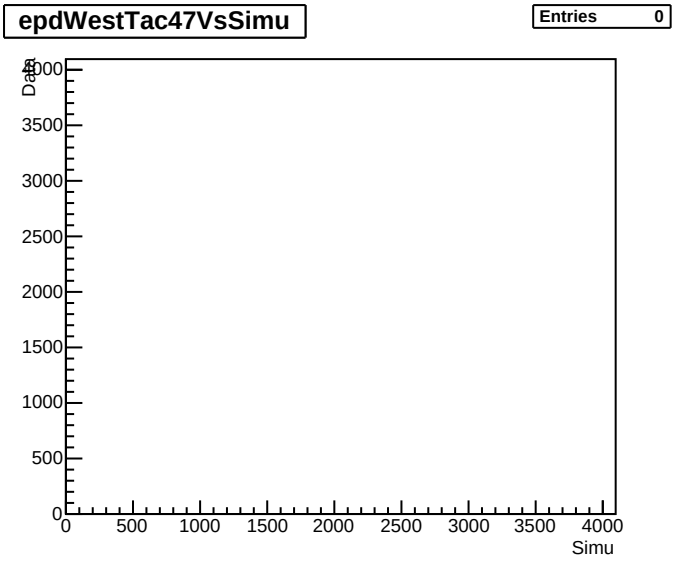
Entries 282285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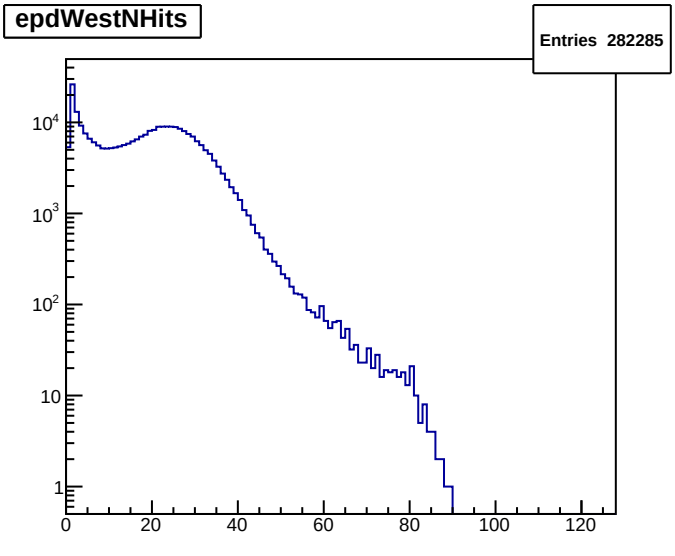
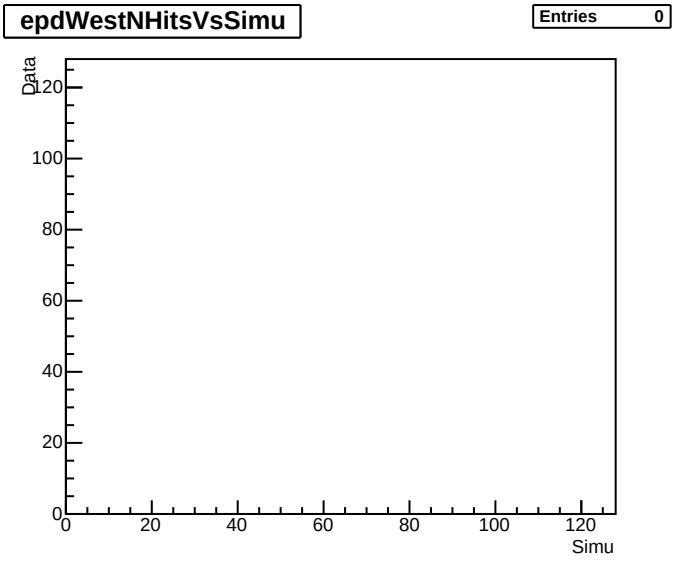
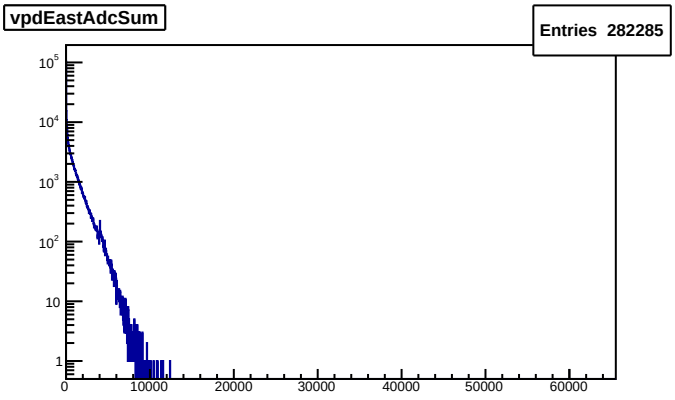
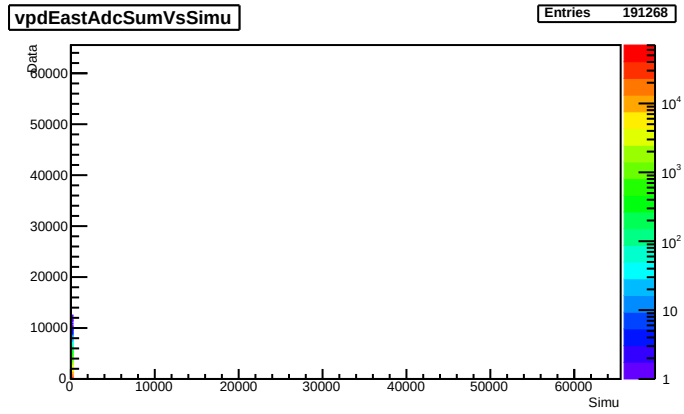
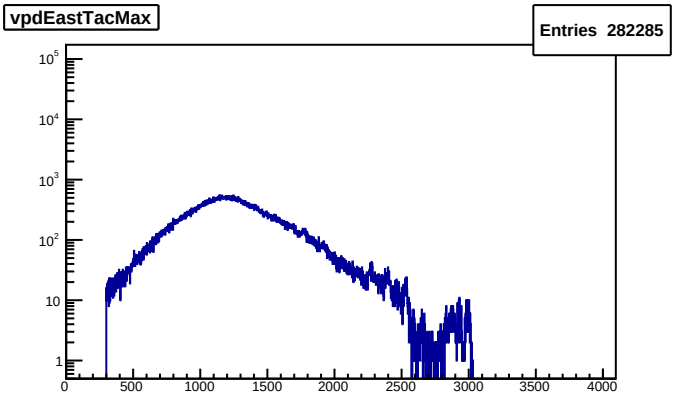
Entries 0
Data
Simu

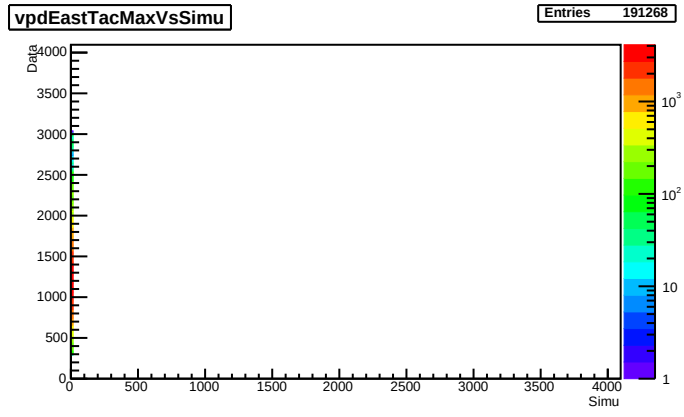

epdWestNHits
Entries 282285

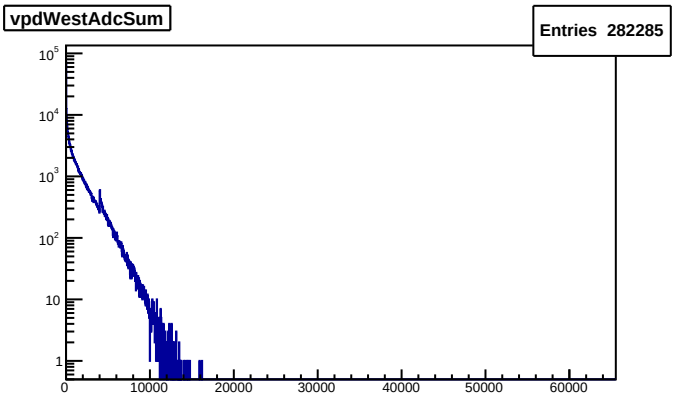

epdWestNHitsVsSimu
Entries 0
Data
Simu

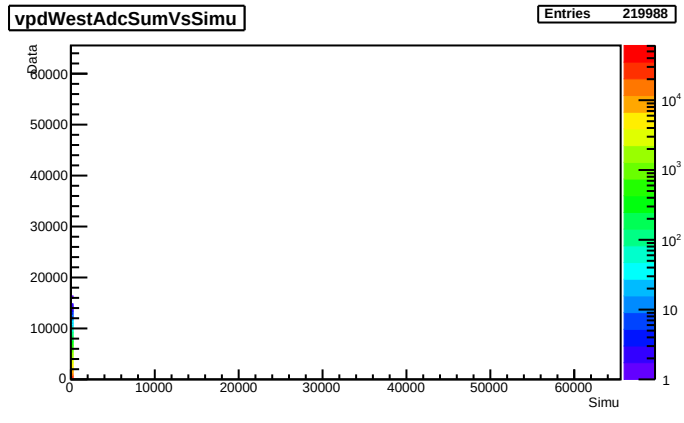

vpdEastAdcSum
Entries 282285

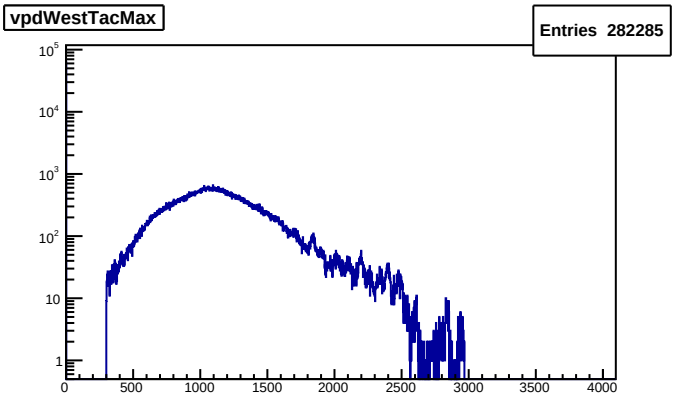

vpdEastAdcSumVsSimu
Entries 191268
Data
Simu

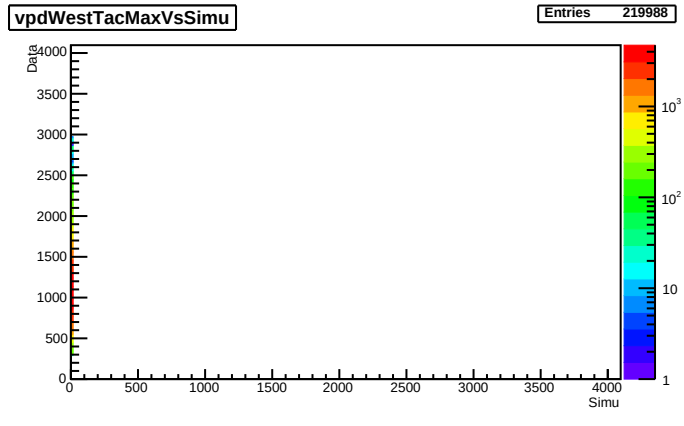

vpdEastTacMax
Entries 282285

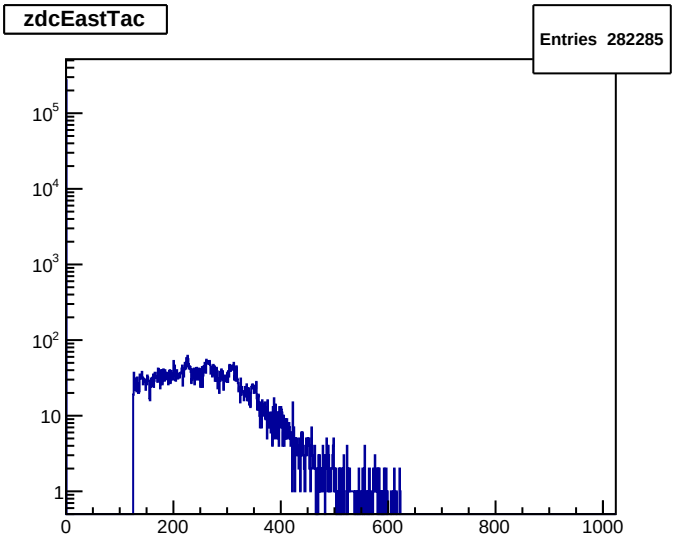

vpdEastTacMaxVsSimu
Entries 191268
Data
Simu

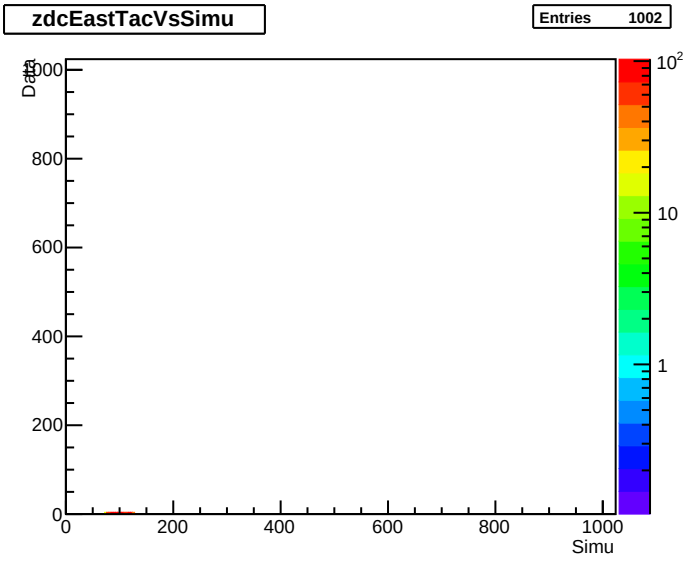

vpdWestAdcSum
Entries 282285

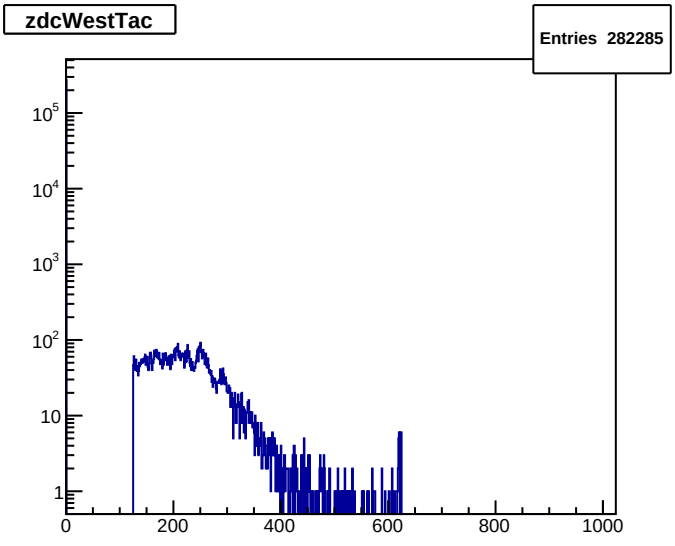

vpdWestAdcSumVsSimu
Entries 219988
Data
Simu

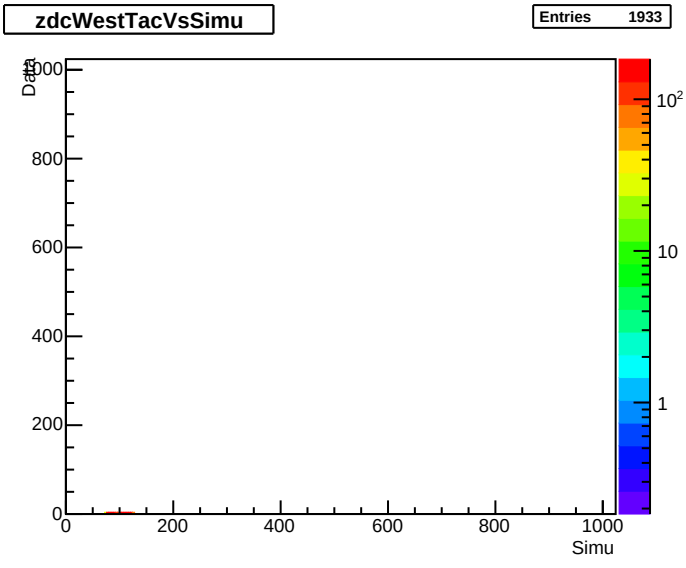

vpdWestTacMax
Entries 282285

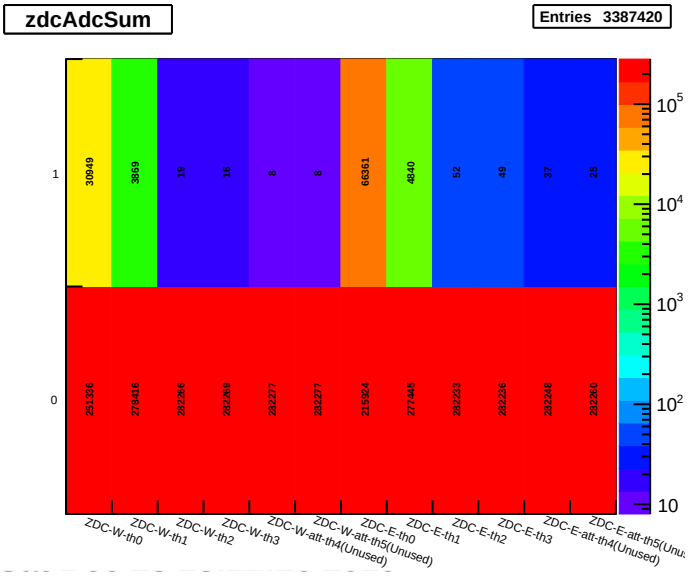

vpdWestTacMaxVsSimu
Entries 219988
Data
Simu

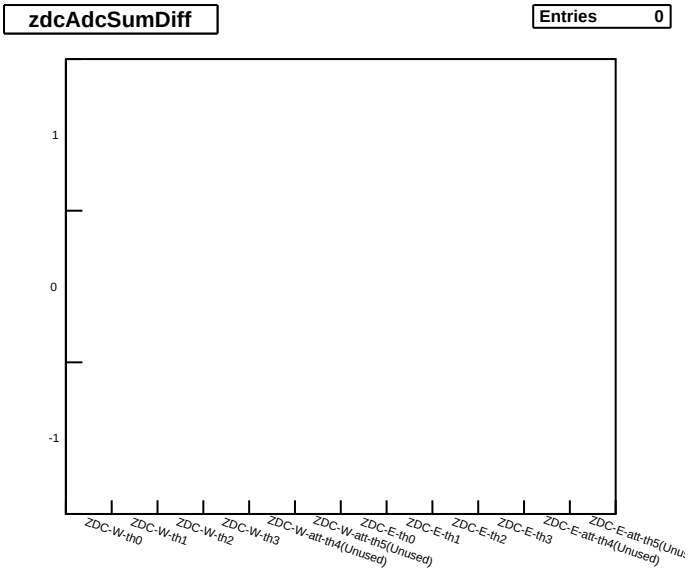

zdcEastTac
Entries 282285

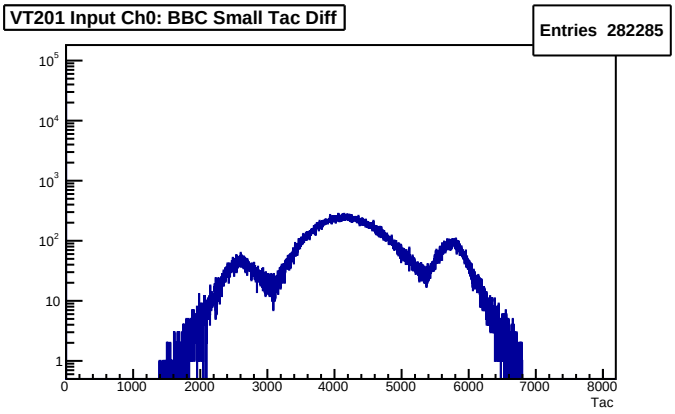

zdcEastTacVsSimu
Entries 1002
Data
Simu

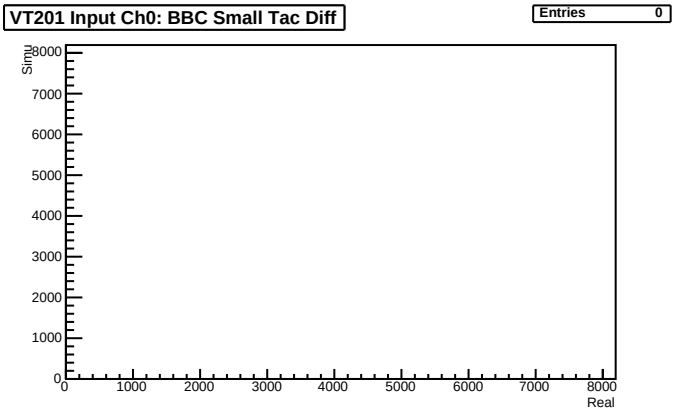

zdcWestTac
Entries 282285

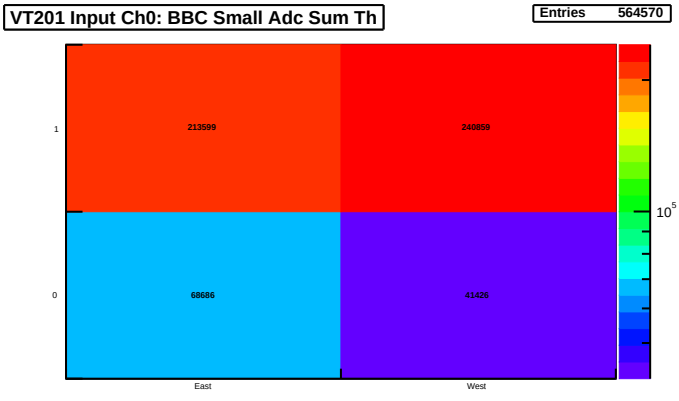

zdcWestTacVsSimu
Entries 1933
Data
Simu

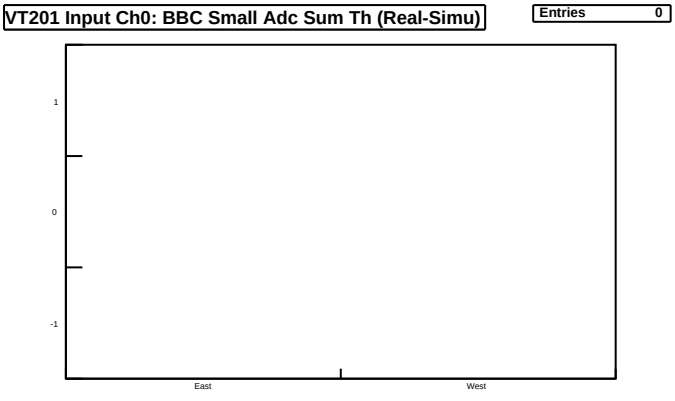

zdcAdcSum
Entries 3387420
30949
3869
19
16
8
8
66361
4840
52
49
37
25
251336
278416
282266
282269
282277
282277
215924
277445
282233
282236
282248
282260
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

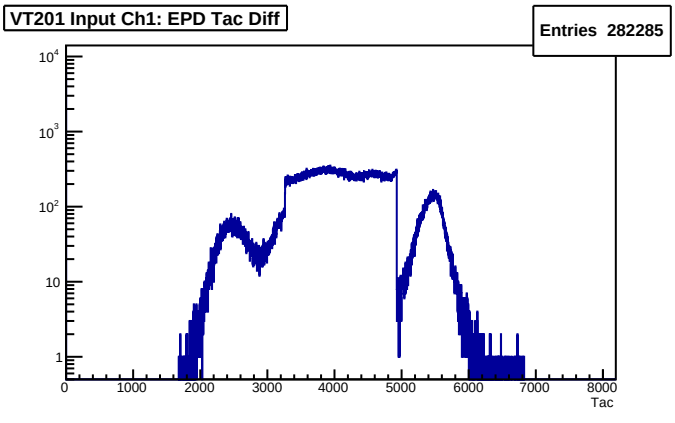

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

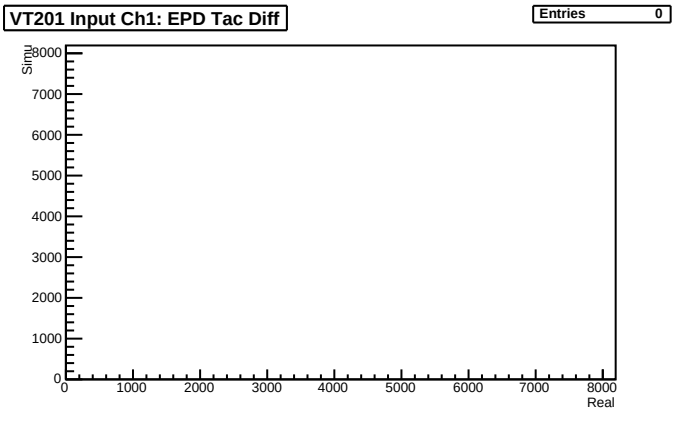

VT201 Input Ch0: BBC Small Tac Diff
Entries 282285
Tac

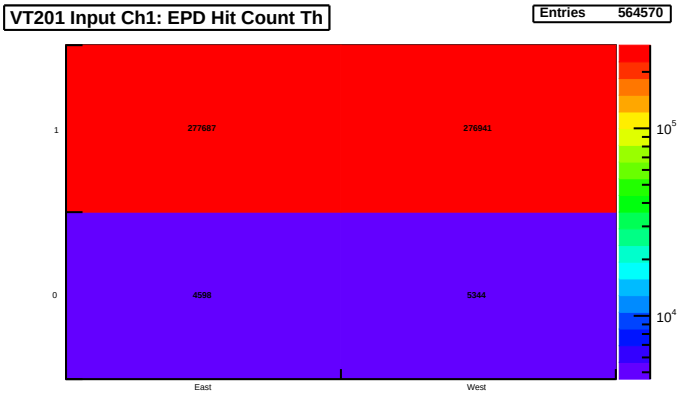

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

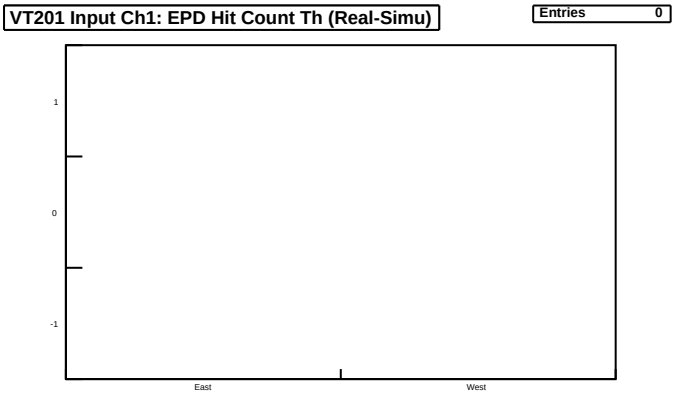

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 564570
213599
240859
68686
41426
East
West

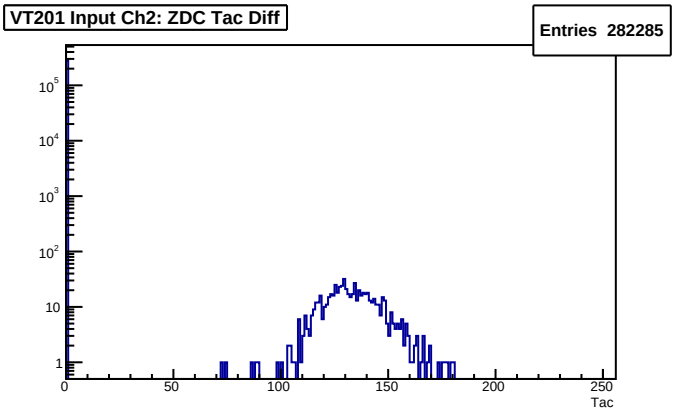

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

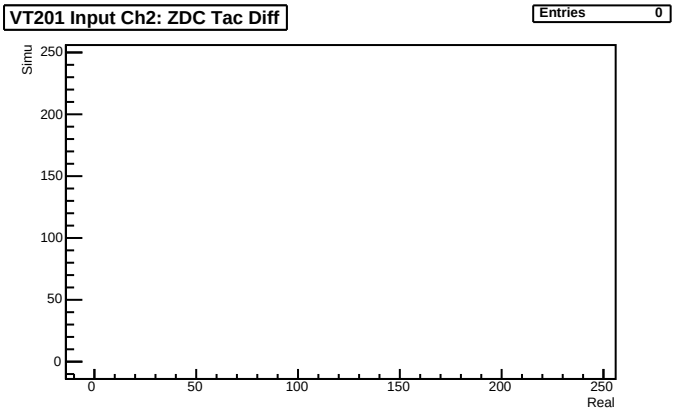

VT201 Input Ch1: EPD Tac Diff
Entries 282285
Tac

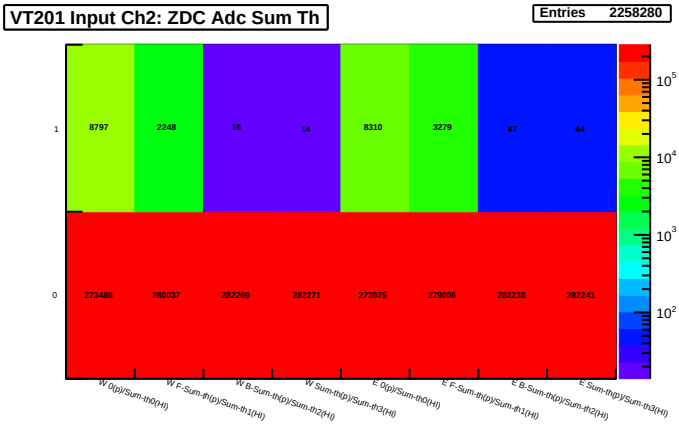

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

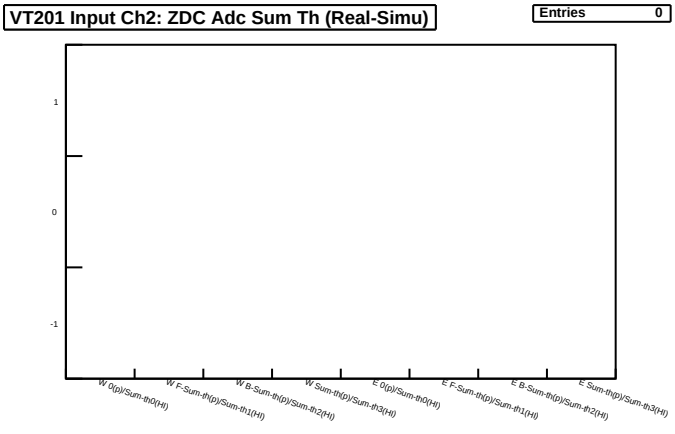

VT201 Input Ch1: EPD Hit Count Th
Entries 564570
277697
276941
4598
5344
East
West

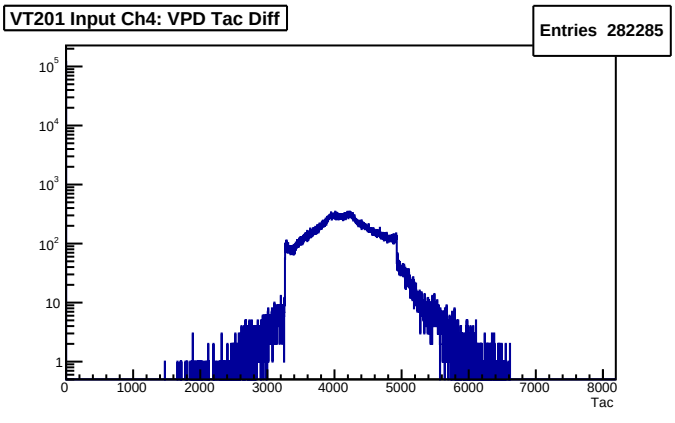

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

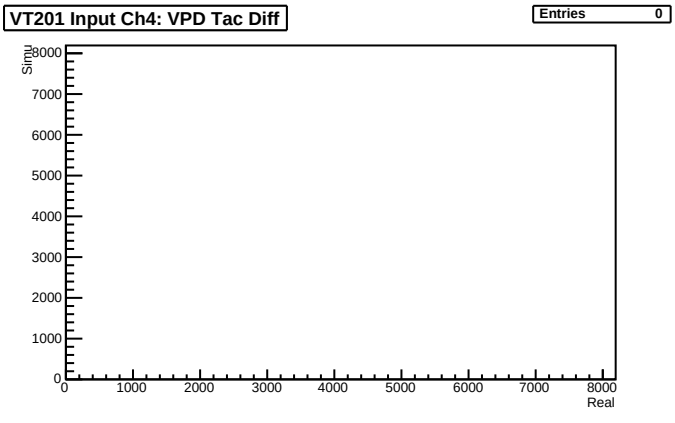

VT201 Input Ch2: ZDC Tac Diff
Entries 282285
Tac

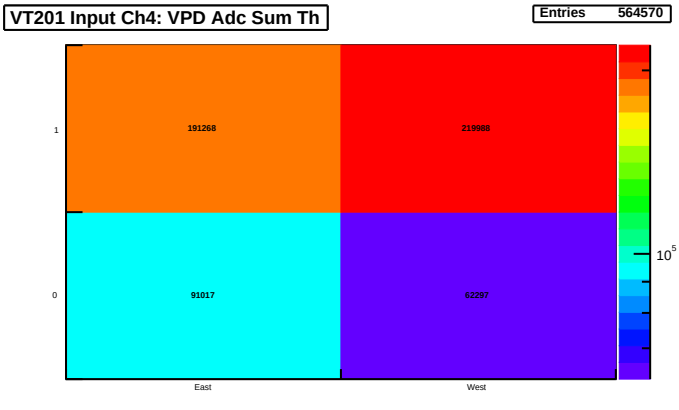

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

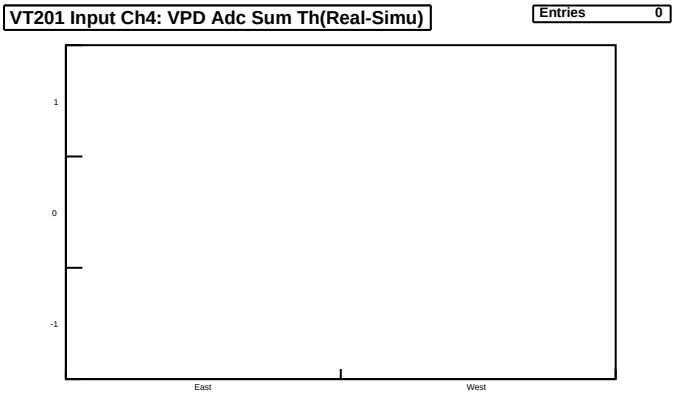

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2258280
8797
2248
16
14
8310
3279
47
44
273488
280037
282269
282271
273975
279006
282238
282241
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

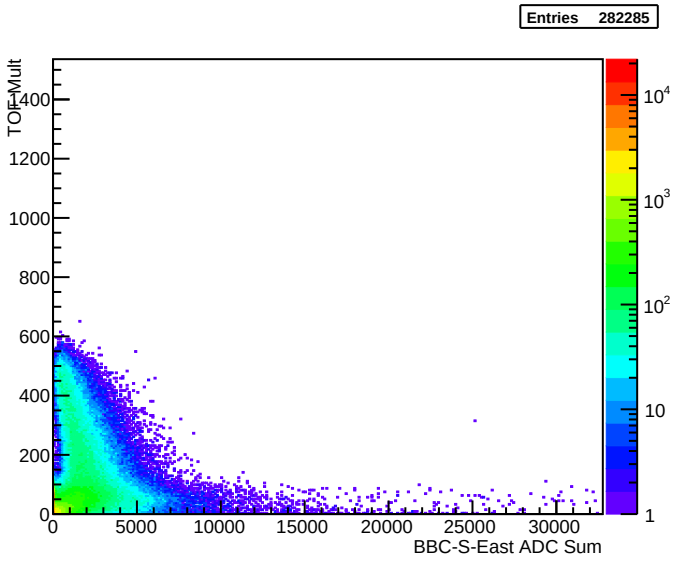

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

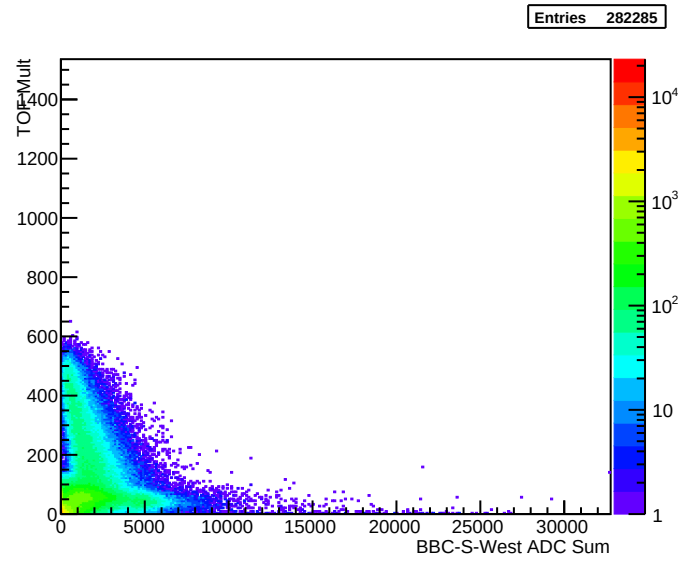

VT201 Input Ch4: VPD Tac Diff
Entries 282285
Tac

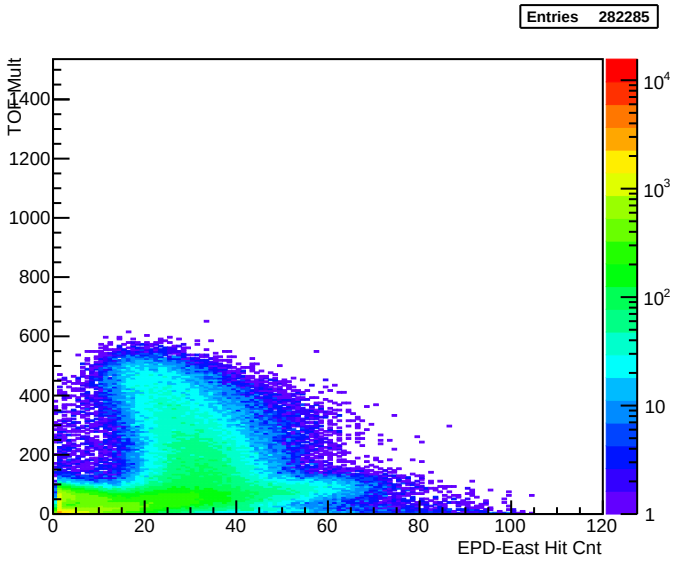

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

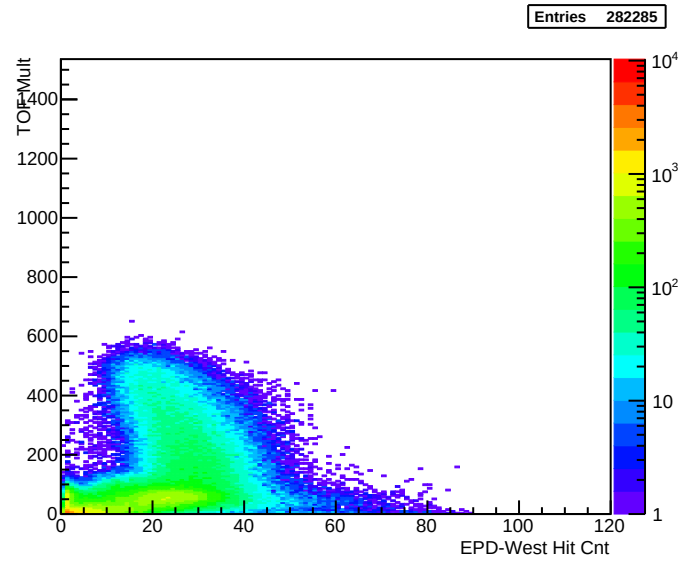

VT201 Input Ch4: VPD Adc Sum Th
Entries 564570
191268
219988
91017
62297
East
West

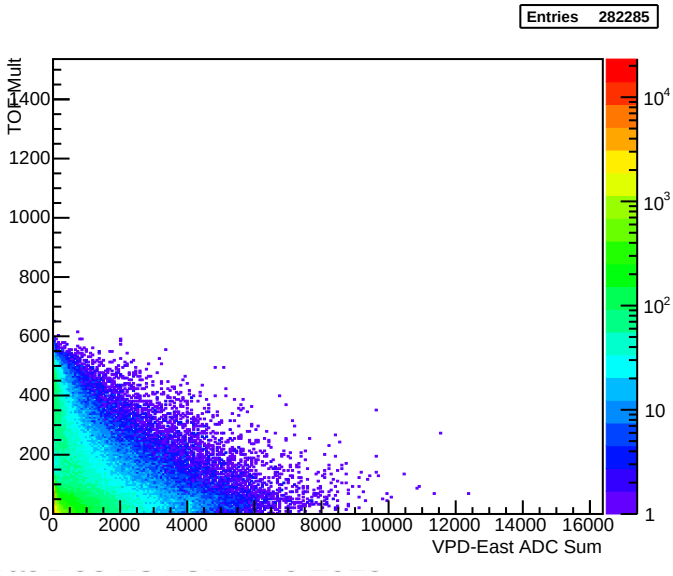

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

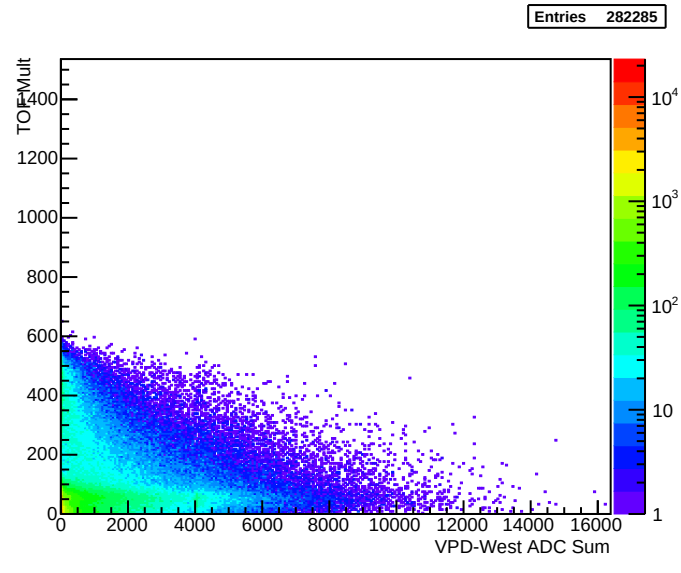

Entries 282285
TOF-Mult
BBC-S-East ADC Sum

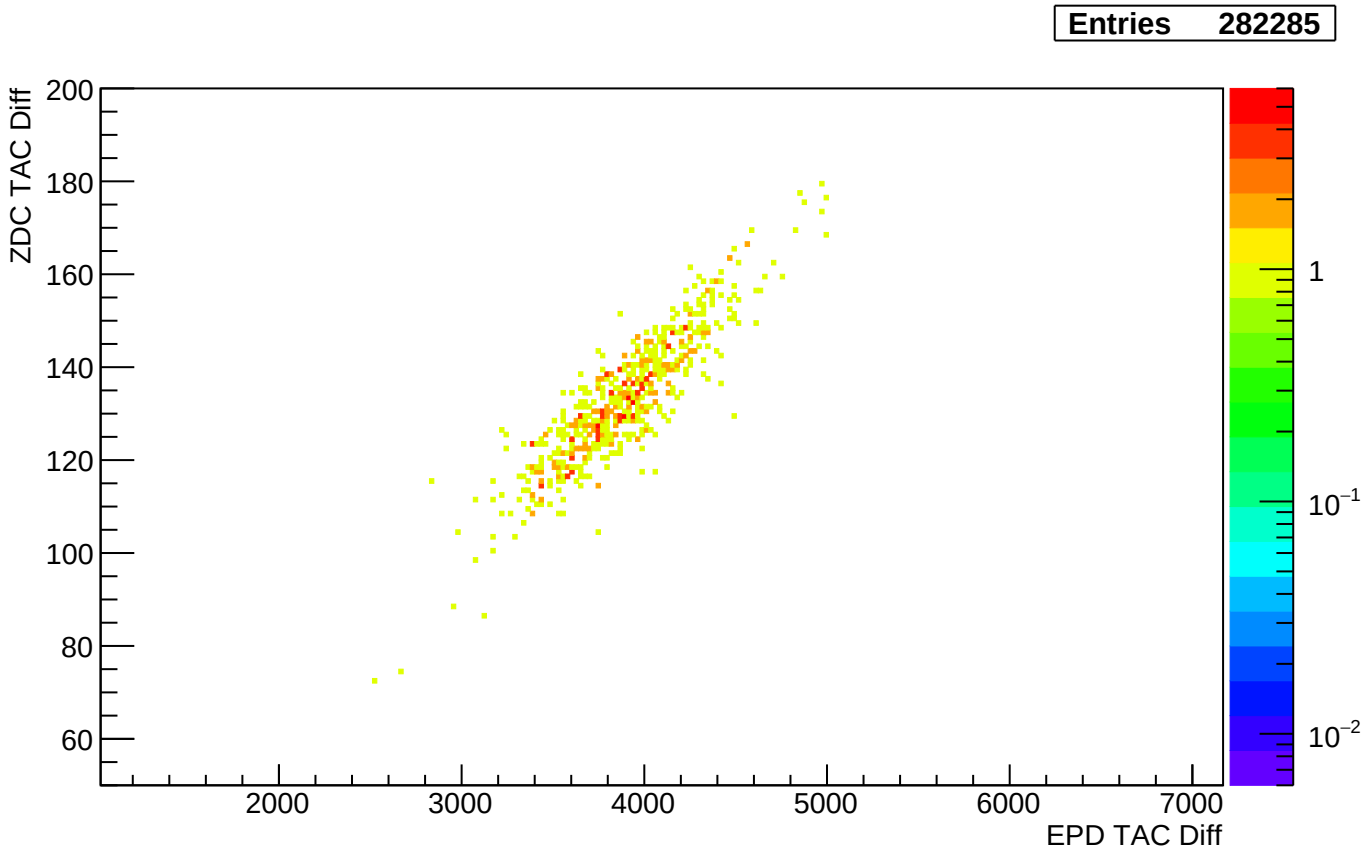

Entries 282285
TOF-Mult
BBC-S-West ADC Sum

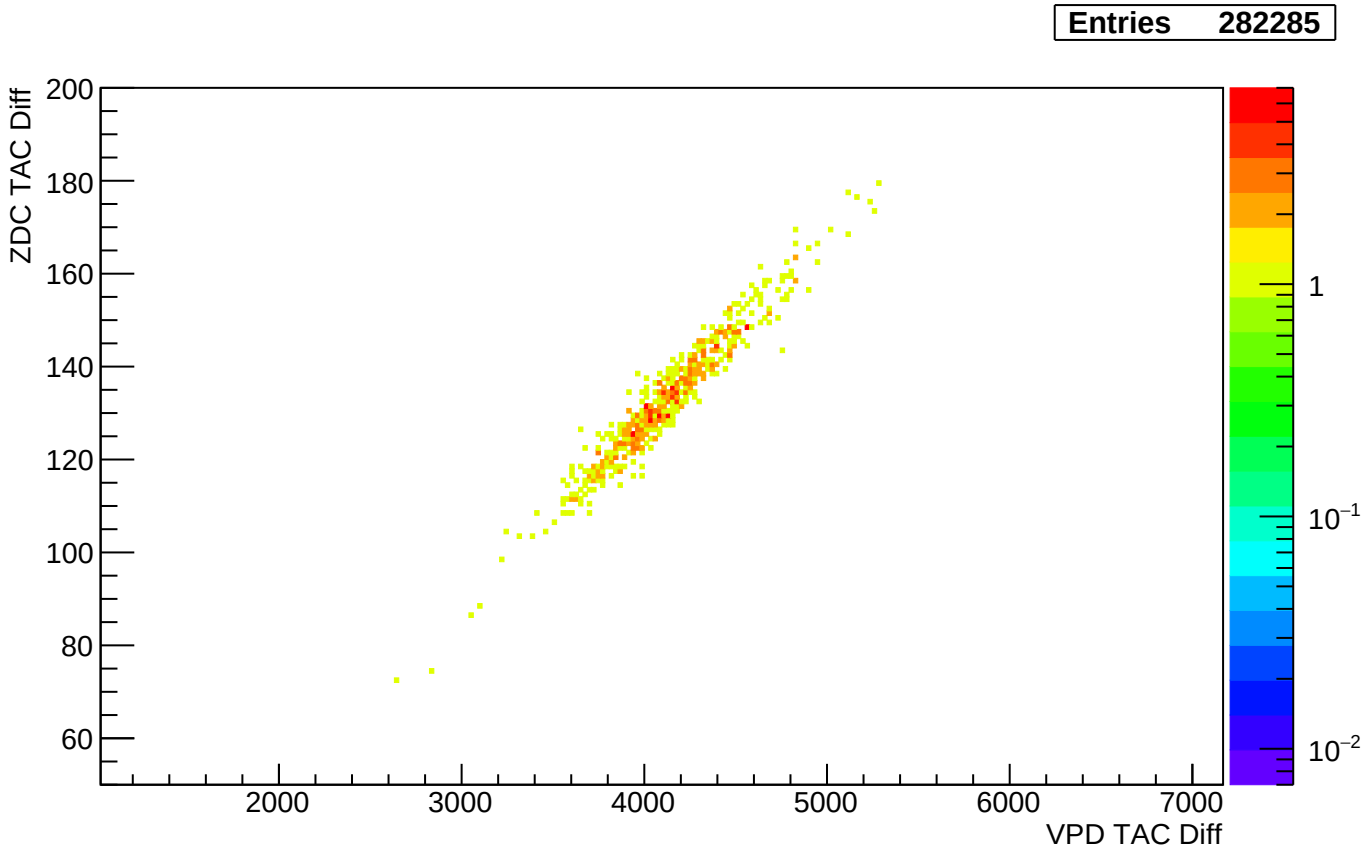

Entries 282285
TOF-Mult
EPD-East Hit Cnt

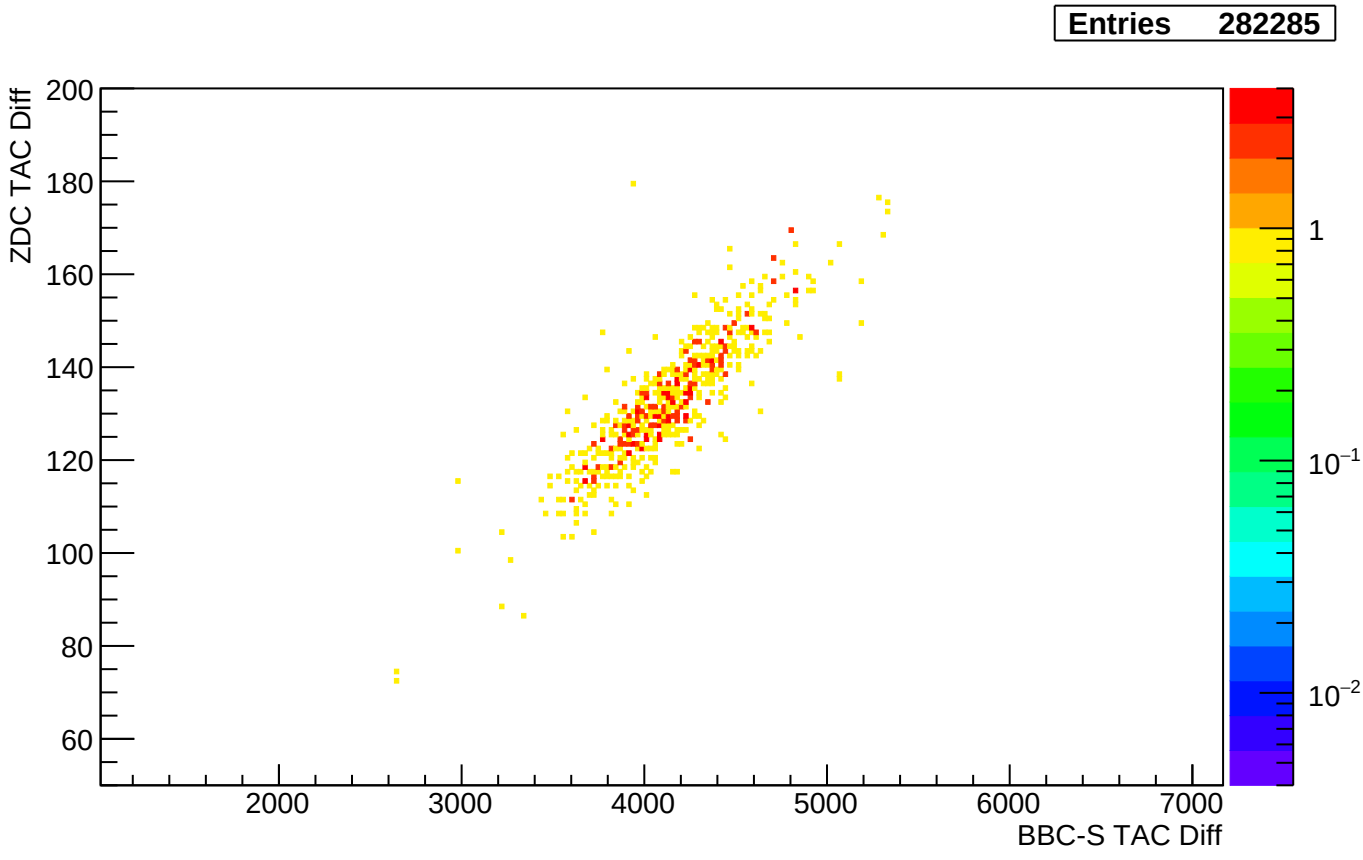

Entries 282285
TOF-Mult
EPD-West Hit Cnt

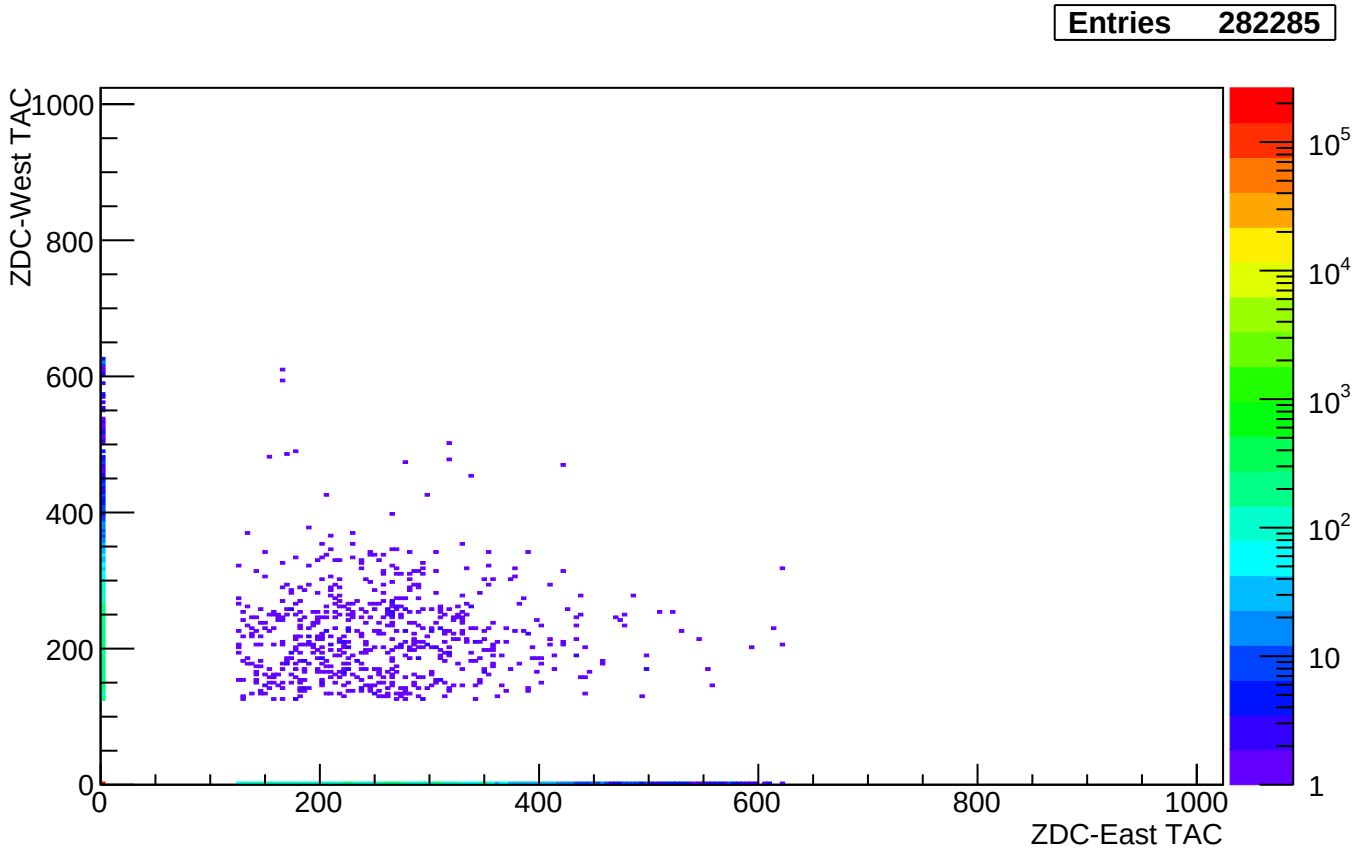

Entries 282285
TOF-Mult
VPD-East ADC Sum

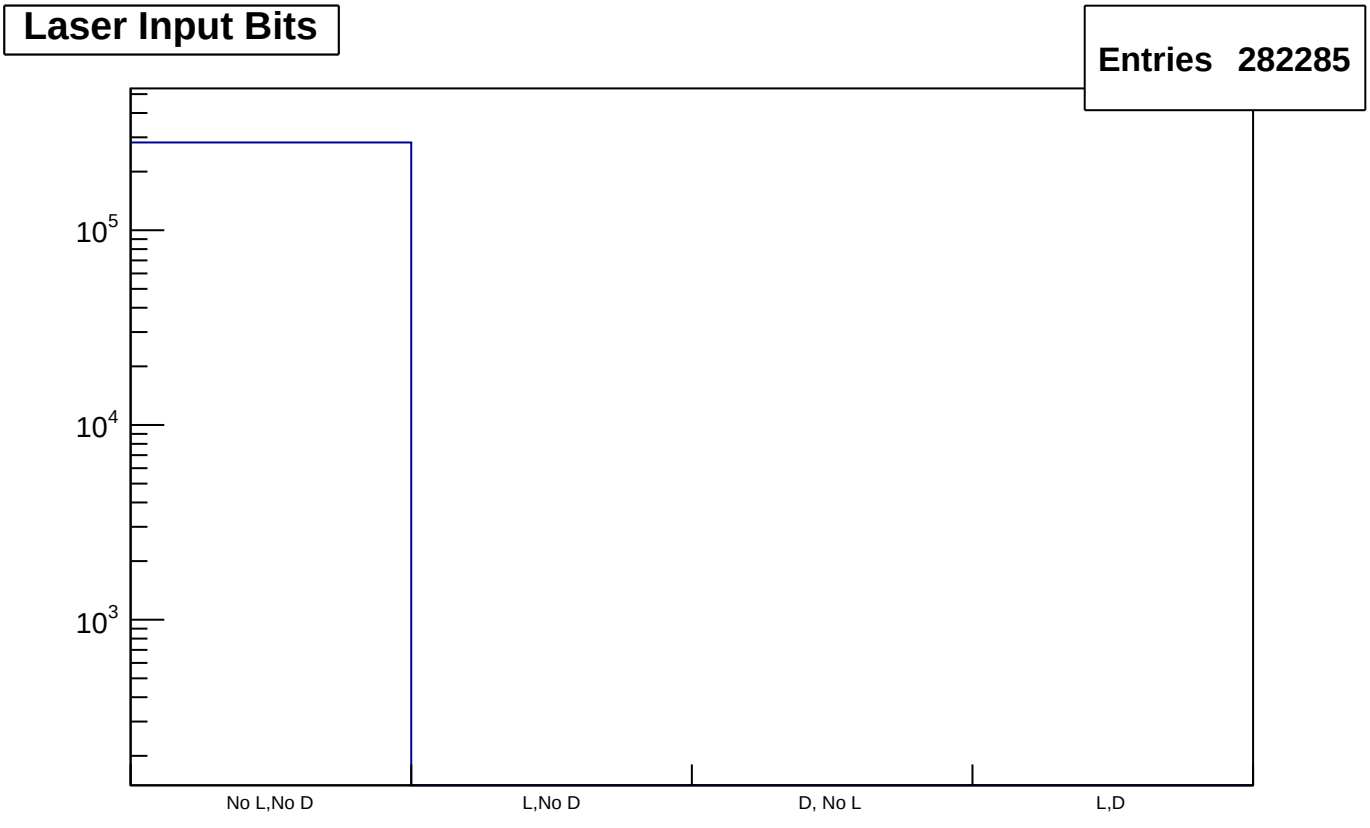

Entries 282285
TOF-Mult
VPD-West ADC Sum

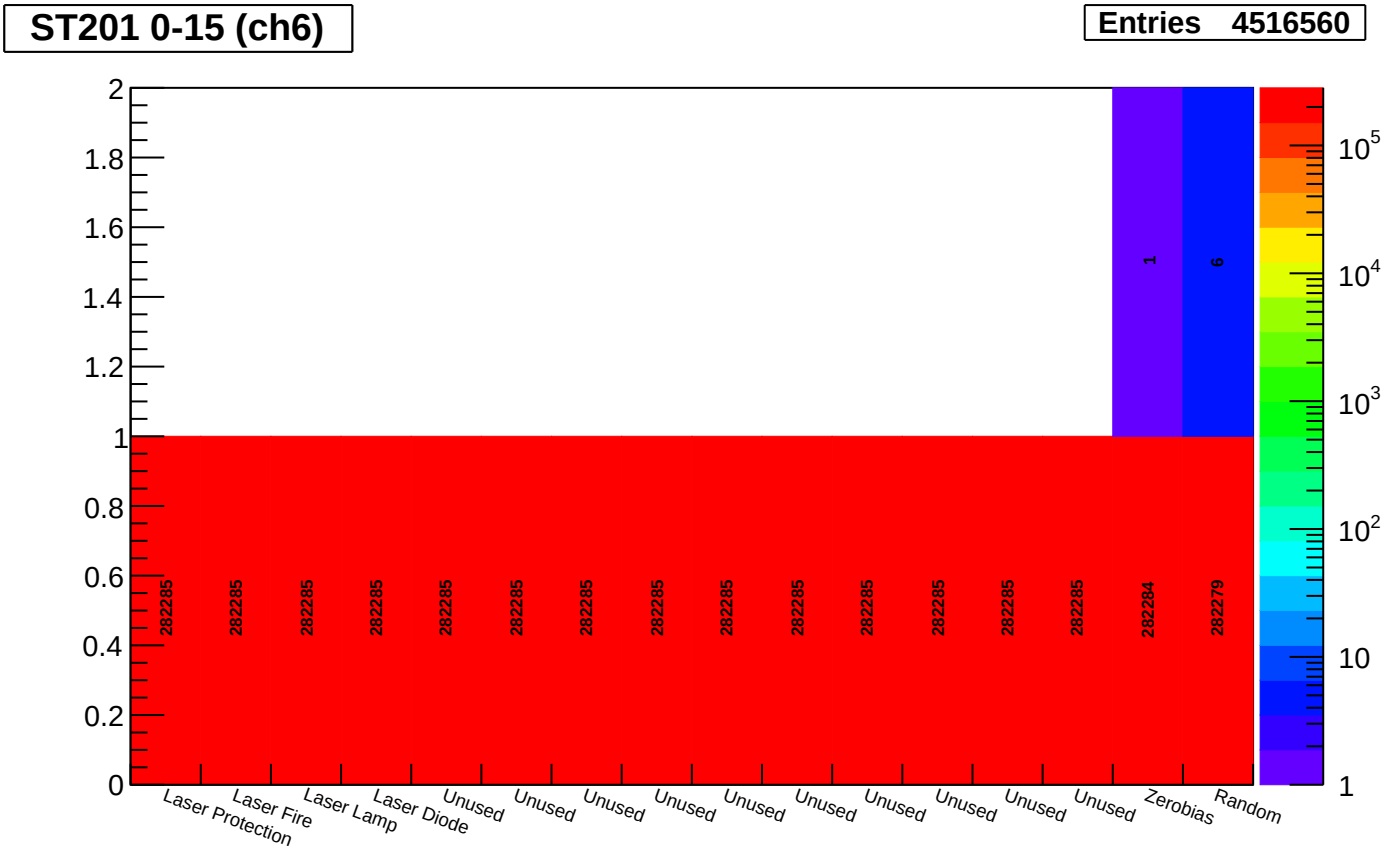

Entries 282285
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

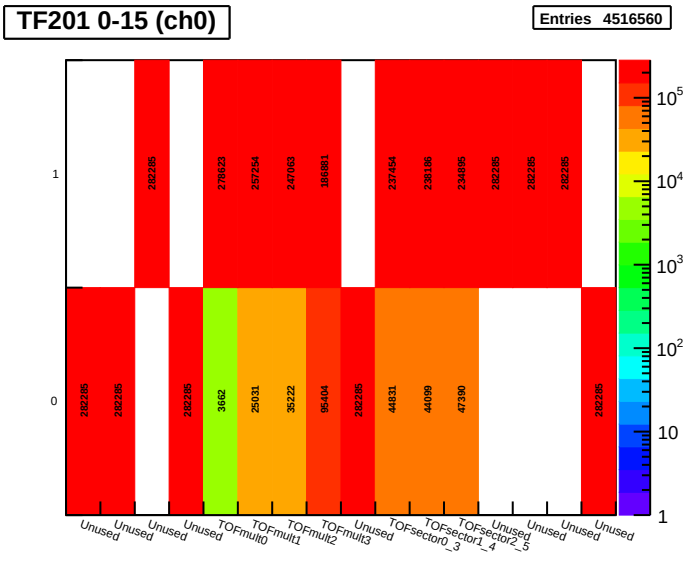

Entries 282285
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

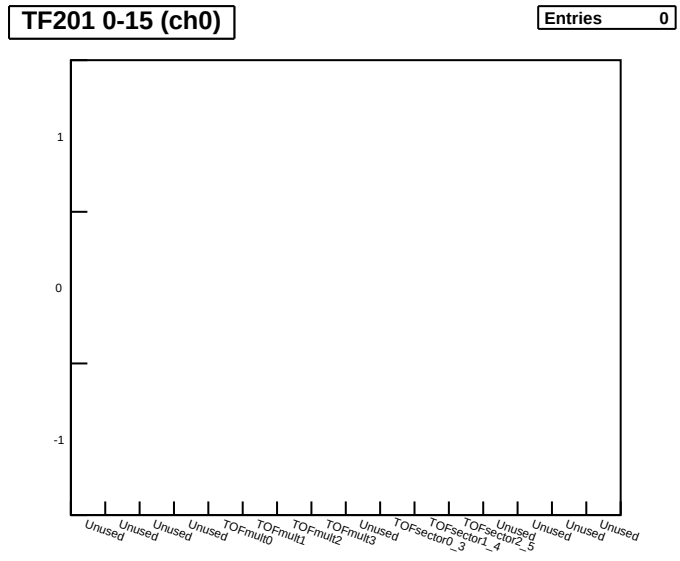

Entries 282285
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

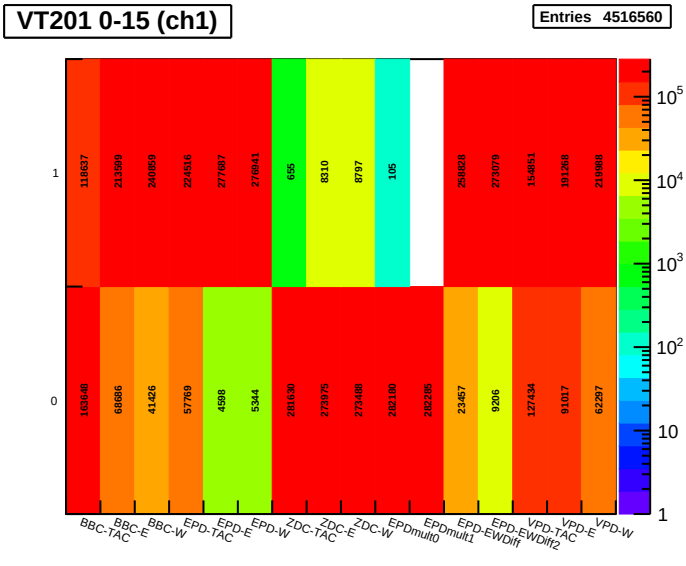

Entries 282285
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

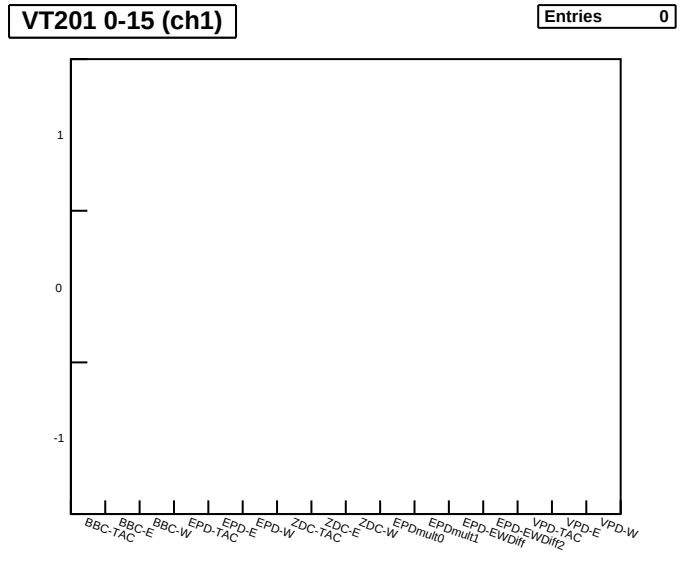

Laser Input Bits
Entries 282285
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

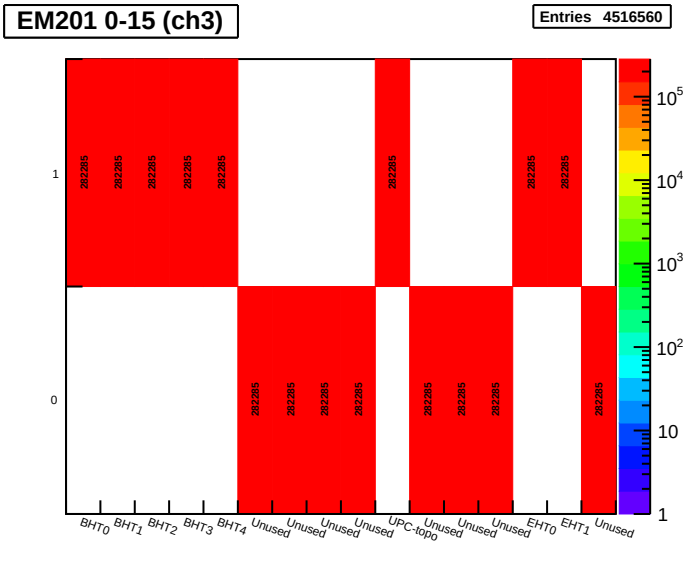

ST201 0-15 (ch6)
Entries 4516560
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
282285
282285
282285
282285
282285
282285
282285
282285
282285
282285
282285
282285
282285
282285
282284
282279
1
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

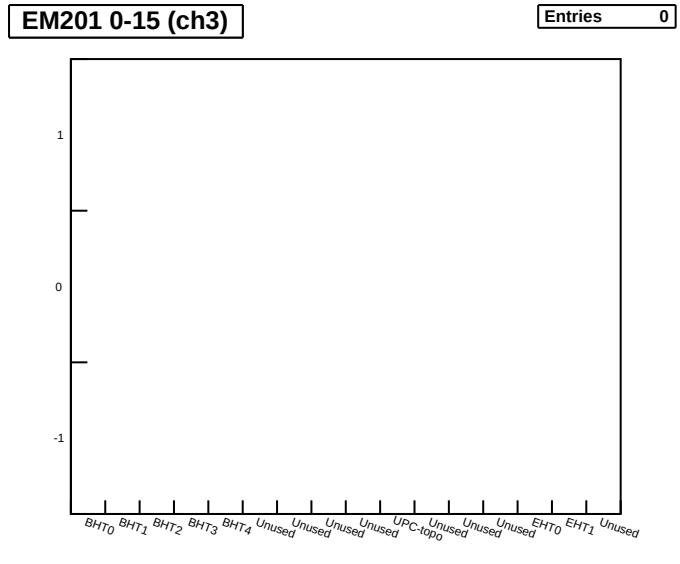

TF201 0-15 (ch0)
Entries 4516560
1
0
282285
276623
257254
247063
196881
237454
238186
234895
282285
282285
282285
282285
282285
282285
3662
25031
35222
95404
282285
44831
44099
47390
282285
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 4516560
1
0
118637
213599
240859
224516
277687
276941
655
8310
8797
105
258828
273079
154851
191268
219988
163648
68686
41426
57769
4598
5344
281630
273975
273488
282180
282285
23457
9206
127434
91017
62297
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 4516560
1
0
282285
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