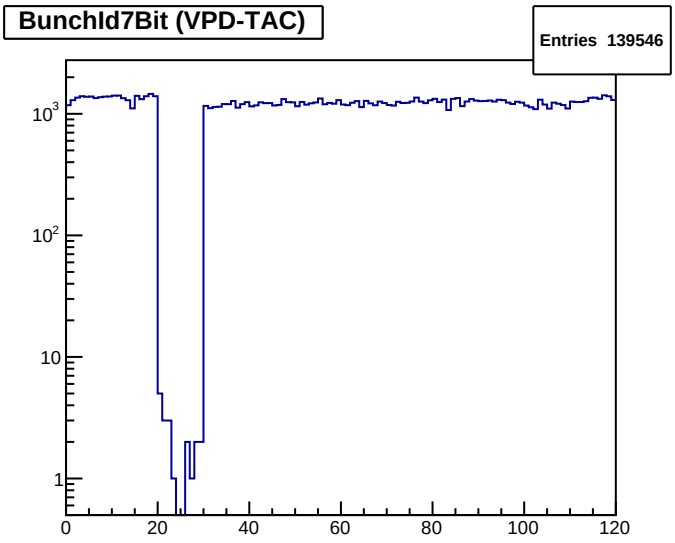
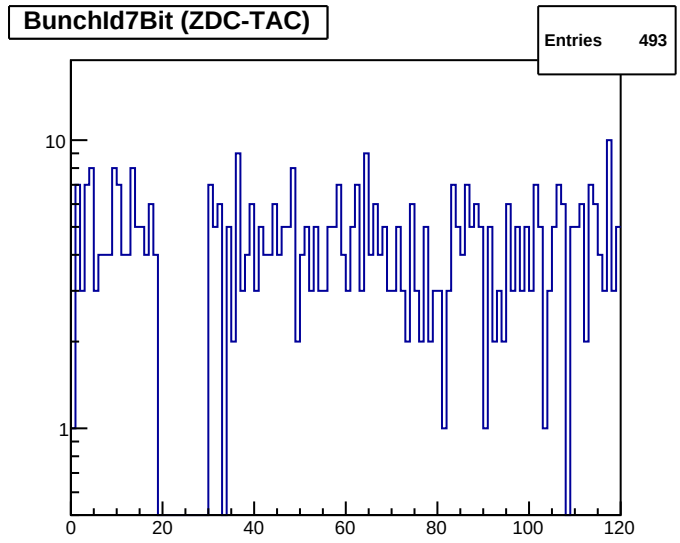
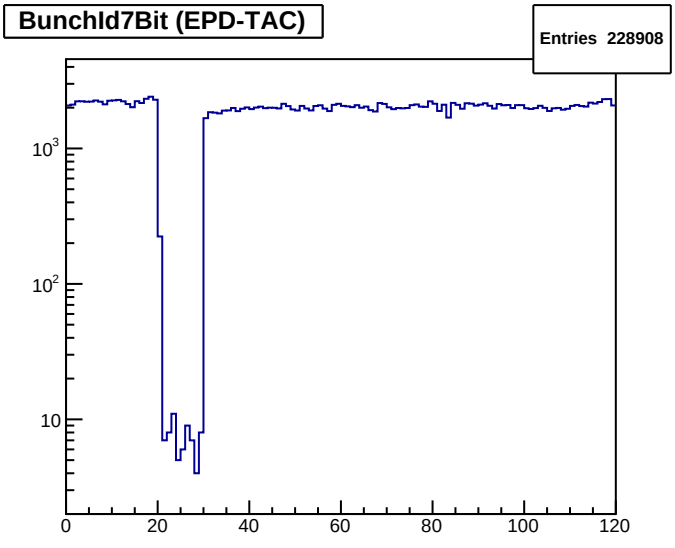
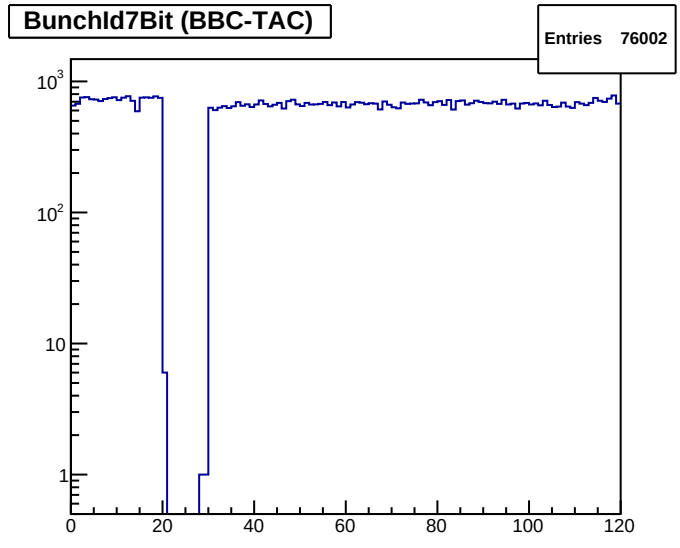
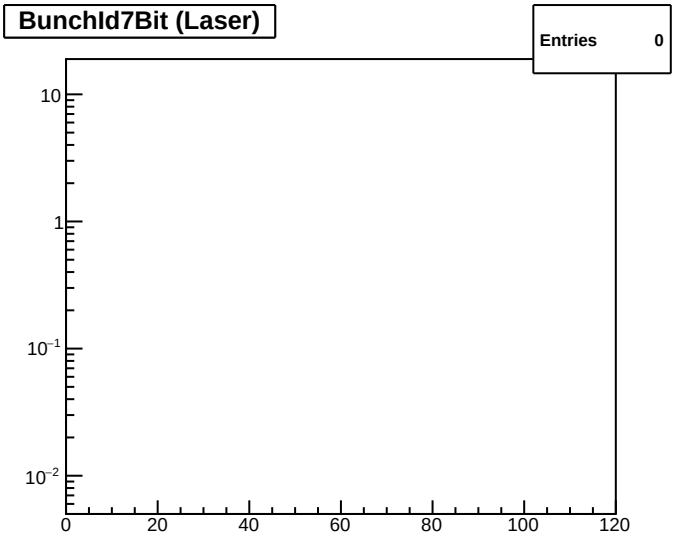
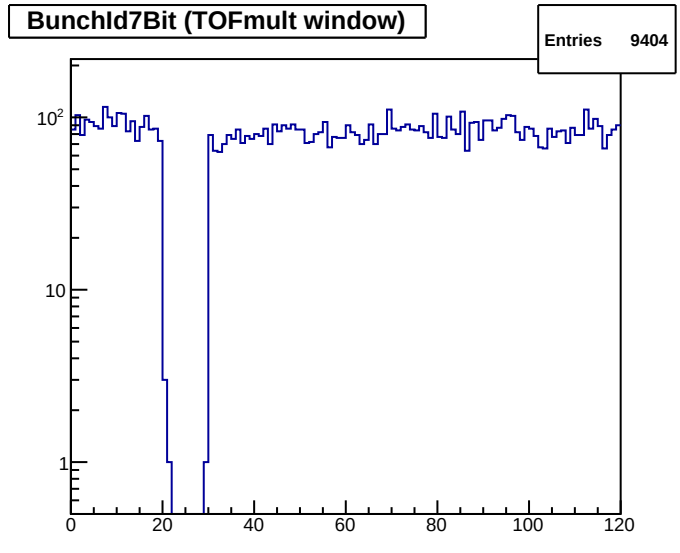

BunchId7Bit (VPD-TAC)
Entries 139546

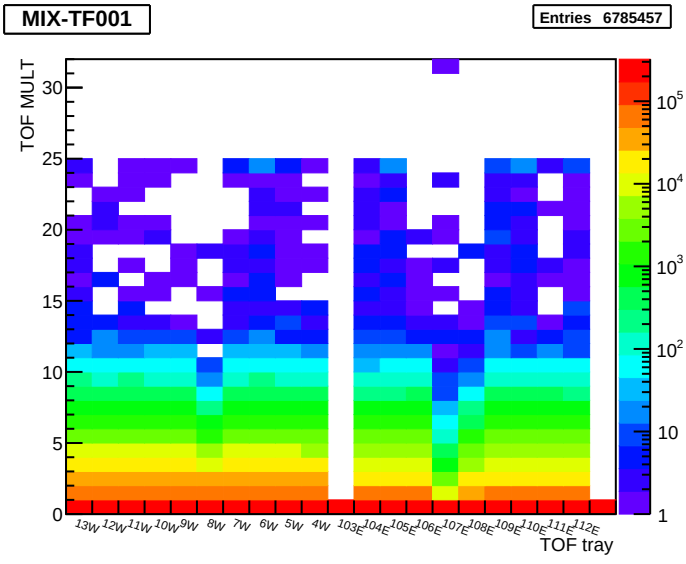

BunchId7Bit (ZDC-TAC)
Entries 493

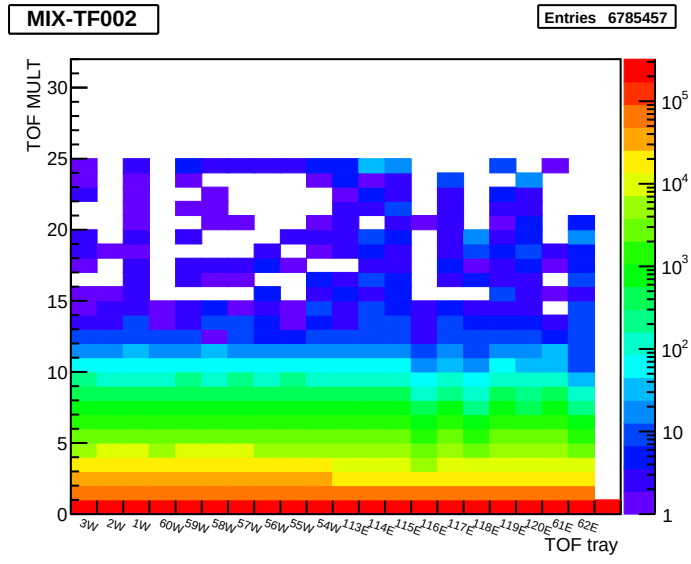

BunchId7Bit (EPD-TAC)
Entries 228908

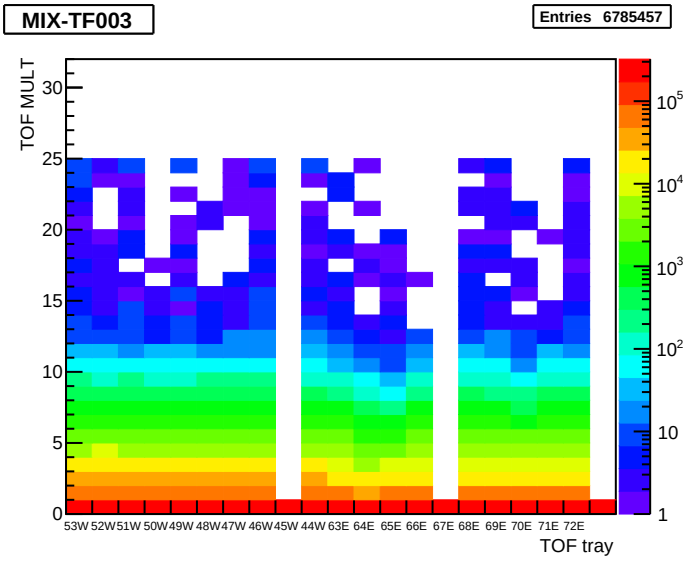

BunchId7Bit (BBC-TAC)
Entries 76002

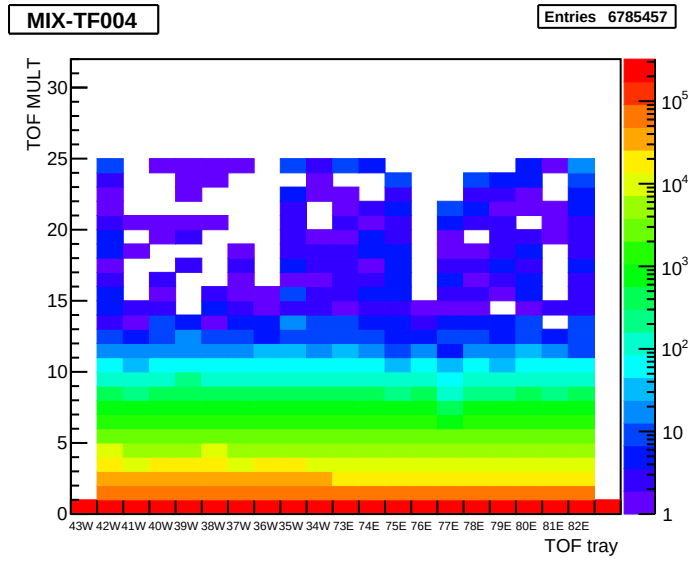

BunchId7Bit (Laser)
Entries 0

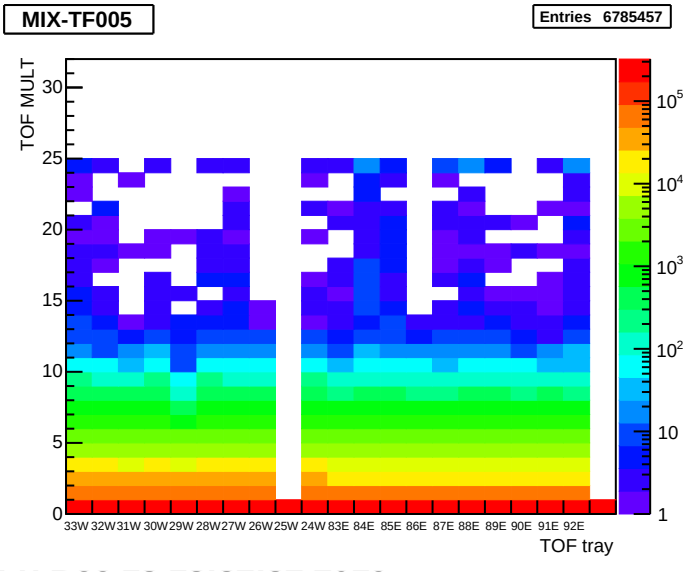

BunchId7Bit (TOFmult window)
Entries 9404

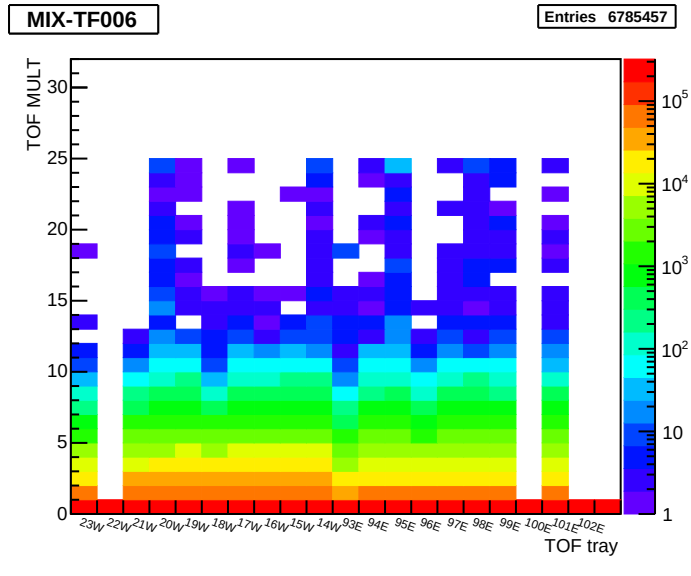

MIX-TF001
Entries 6785457
TOF MULT
TOF tray

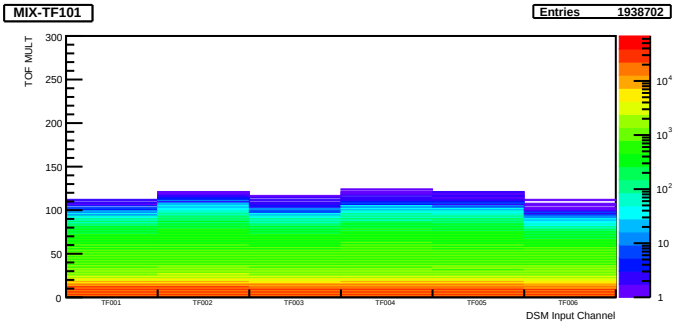

MIX-TF002
Entries 6785457
TOF MULT
TOF tray

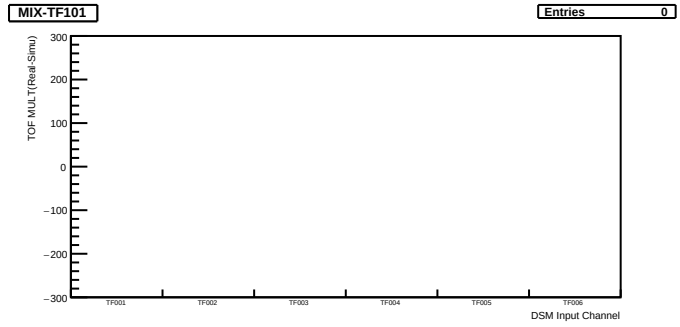

MIX-TF003
Entries 6785457
TOF MULT
TOF tray

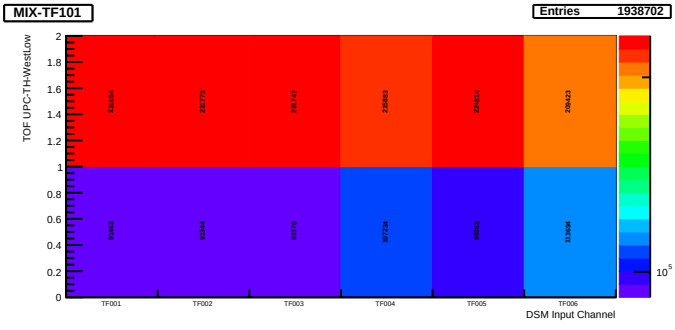

MIX-TF004
Entries 6785457
TOF MULT
TOF tray

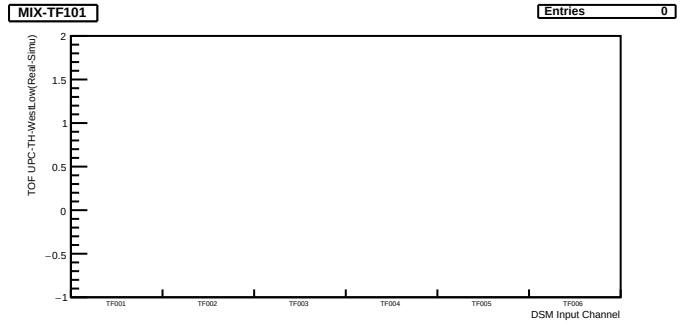

MIX-TF005
Entries 6785457
TOF MULT
TOF tray

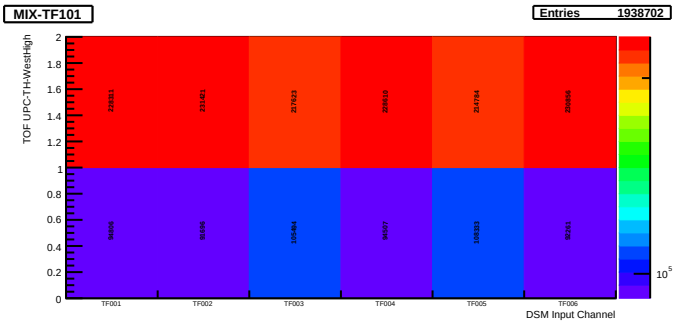

MIX-TF006
Entries 6785457
TOF MULT
TOF tray

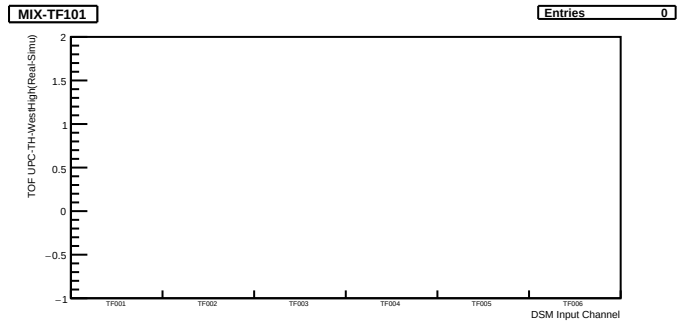

MIX-TF101
Entries 1938702
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

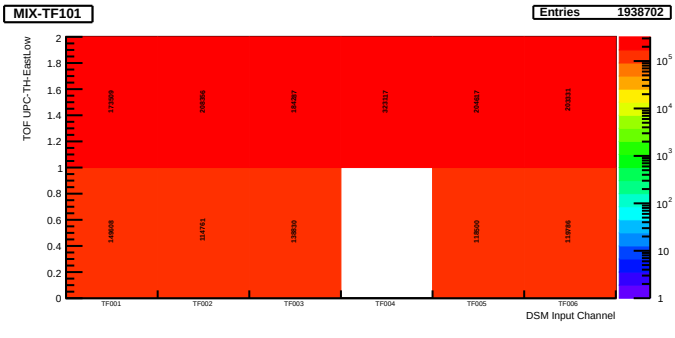

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

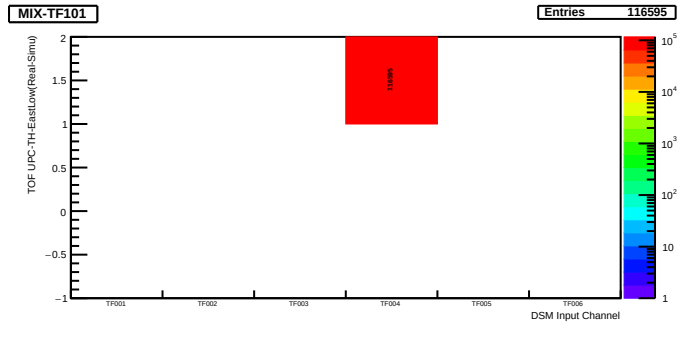

MIX-TF101
Entries 1938702
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

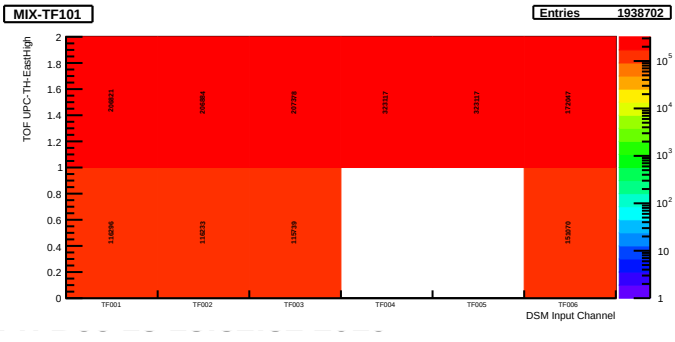

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

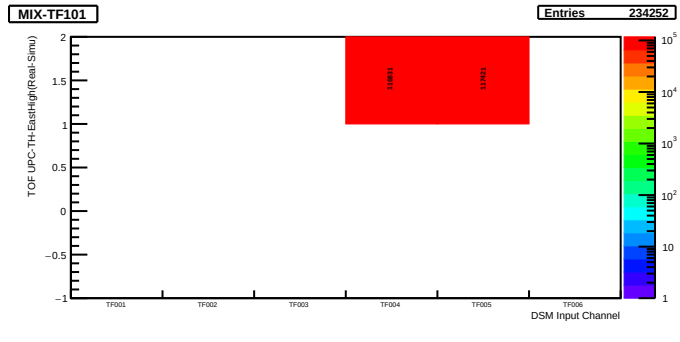

MIX-TF101
Entries 1938702
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

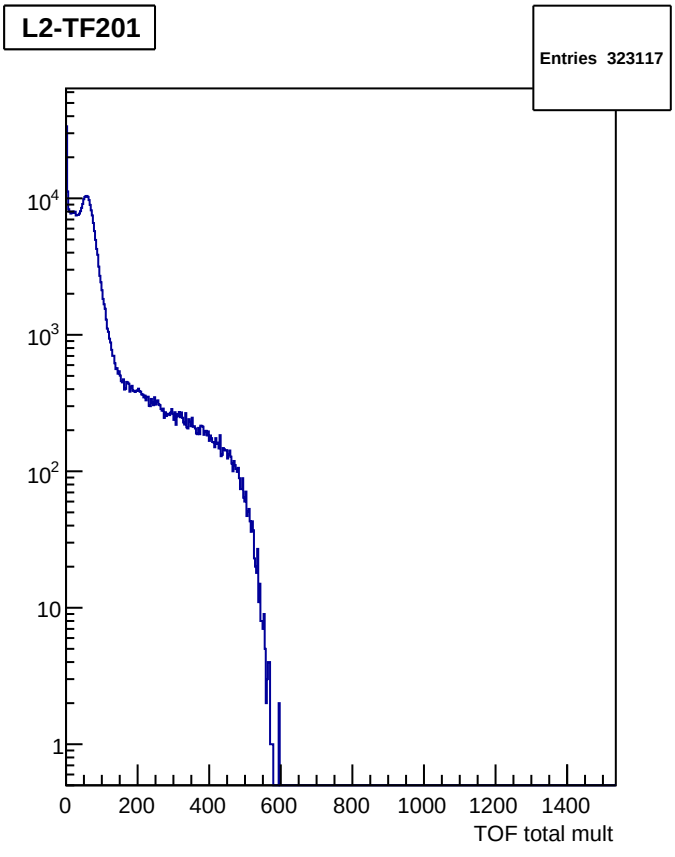

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

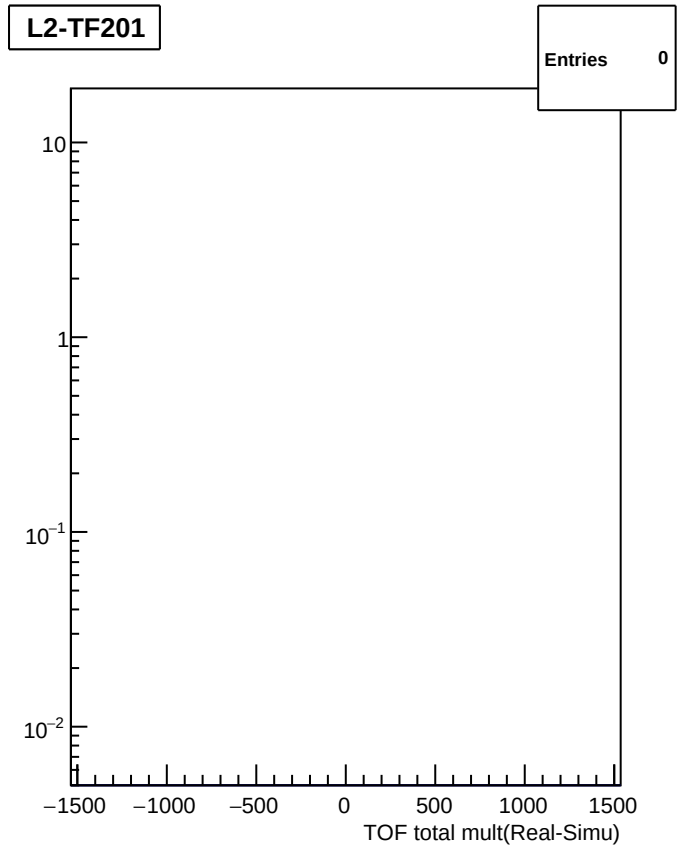

MIX-TF101
Entries 1938702
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

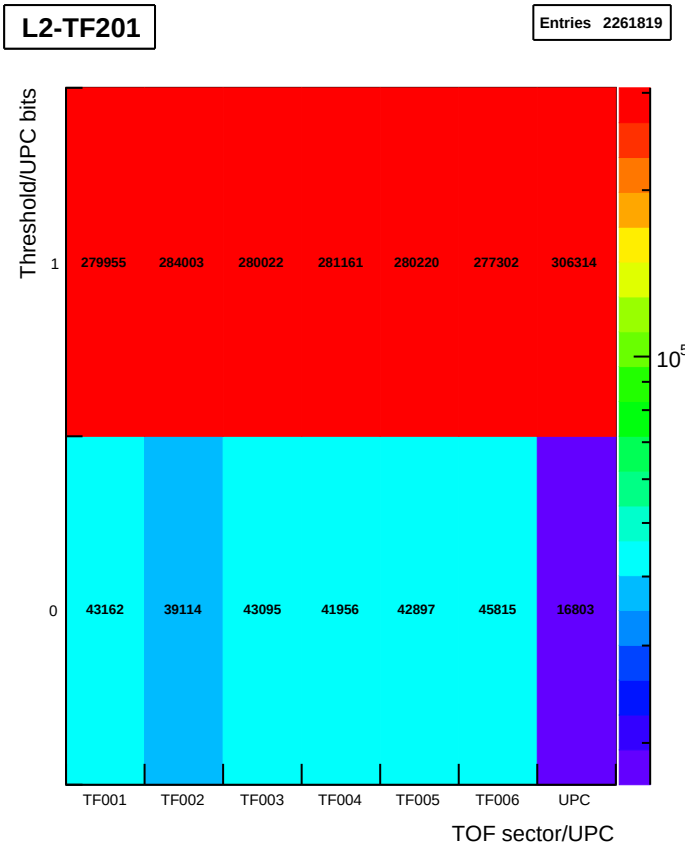

MIX-TF101
Entries 116595
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

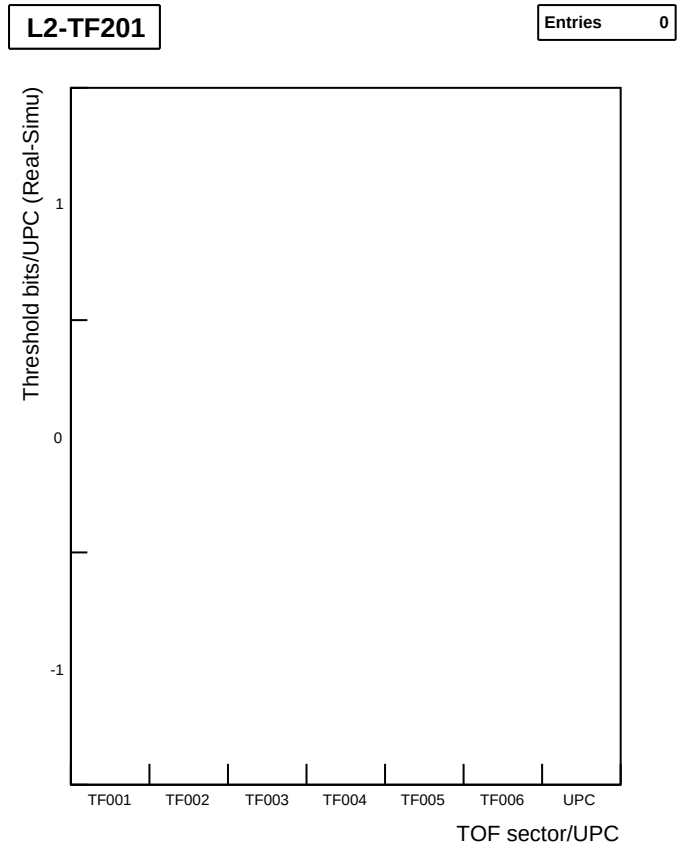

MIX-TF101
Entries 1938702
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

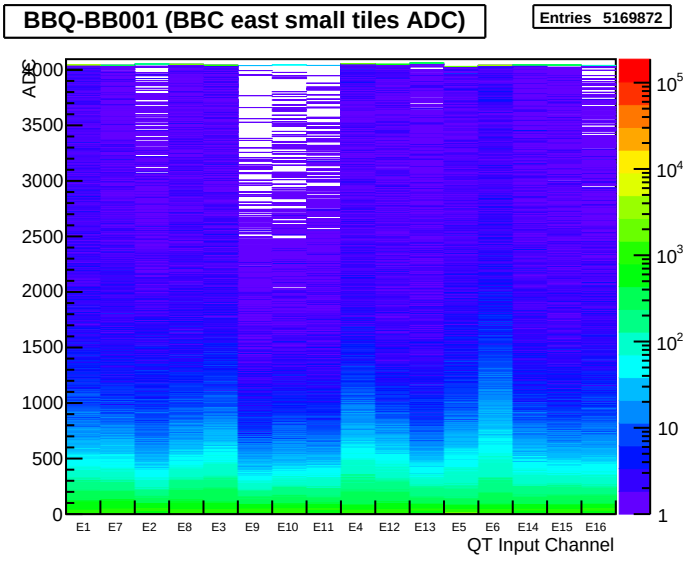

MIX-TF101
Entries 234252
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

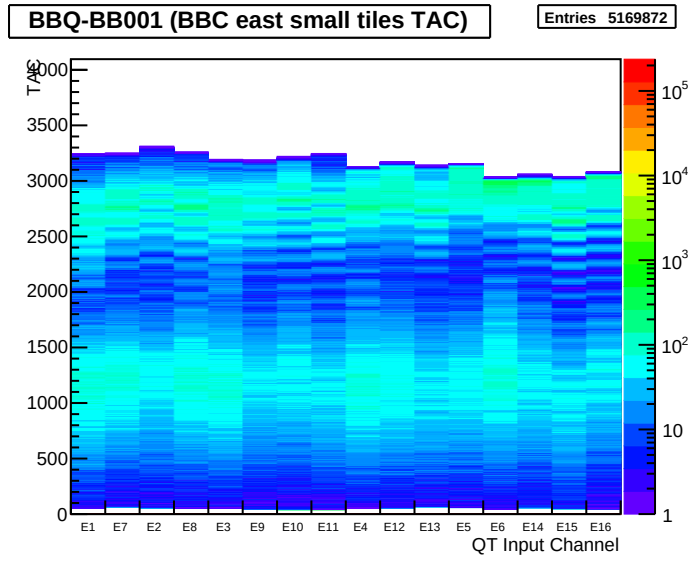

L2-TF201
Entries 323117
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

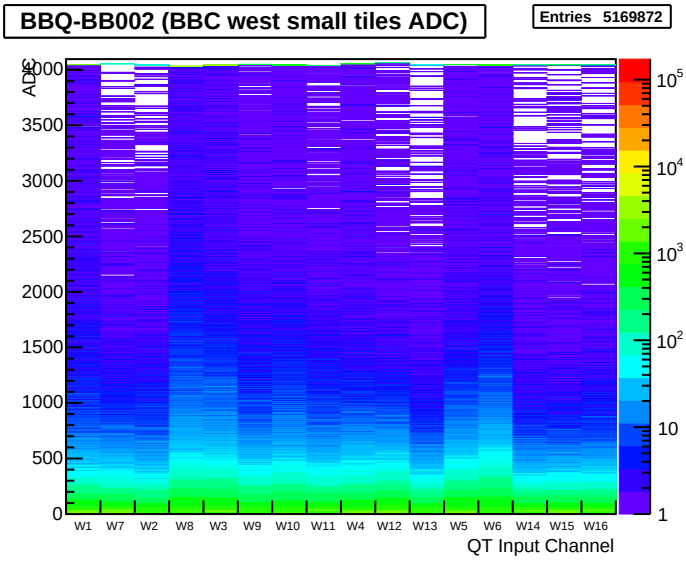

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

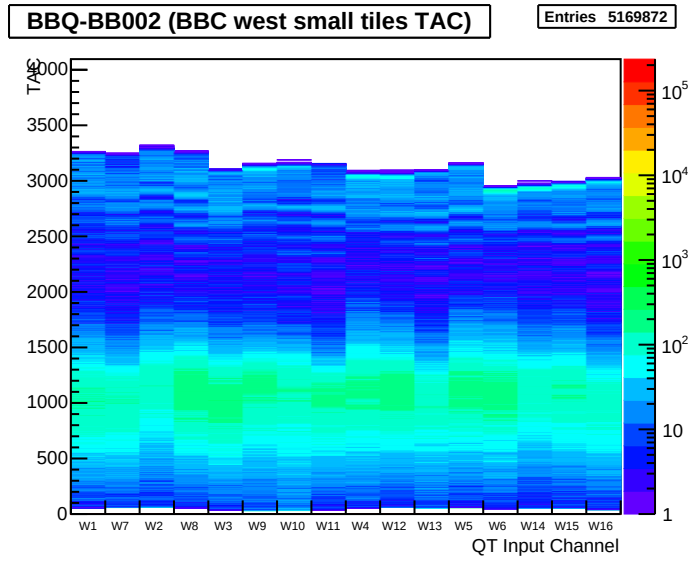

L2-TF201
Entries 2261819
Threshold/UPC bits
1
0
279955
284003
280022
281161
280220
277302
306314
43162
39114
43095
41956
42897
45815
16803
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

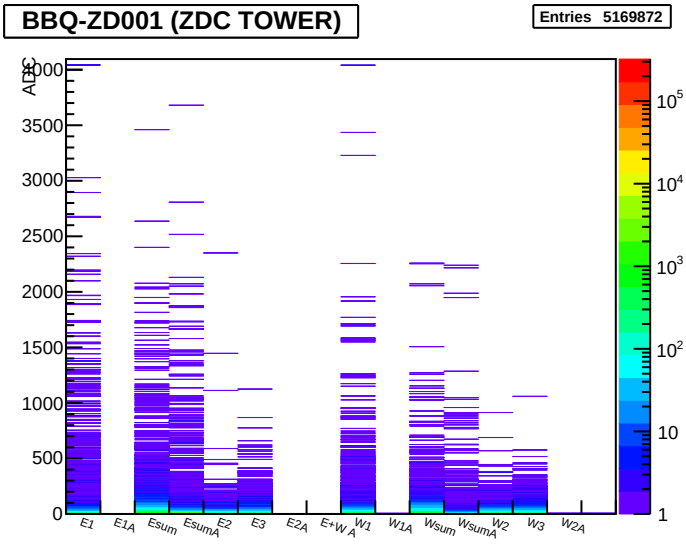

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

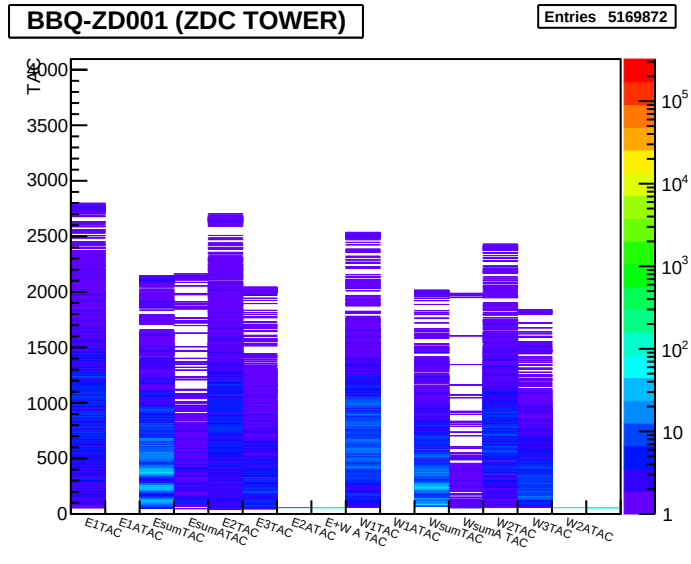

BBQ-BB001 (BBC east small tiles ADC)
Entries 5169872
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

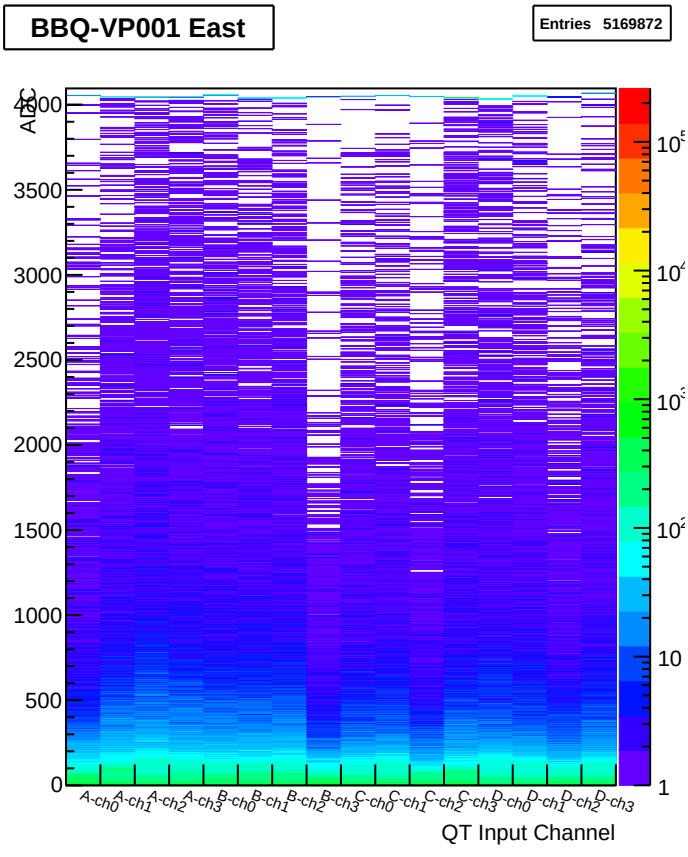

BBQ-BB001 (BBC east small tiles TAC)
Entries 5169872
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

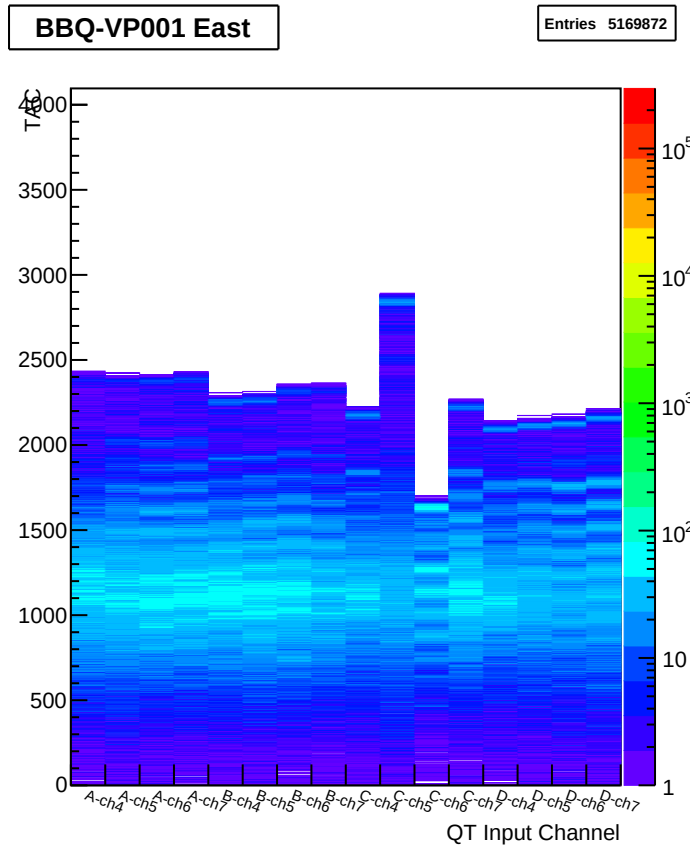

BBQ-BB002 (BBC west small tiles ADC)
Entries 5169872
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

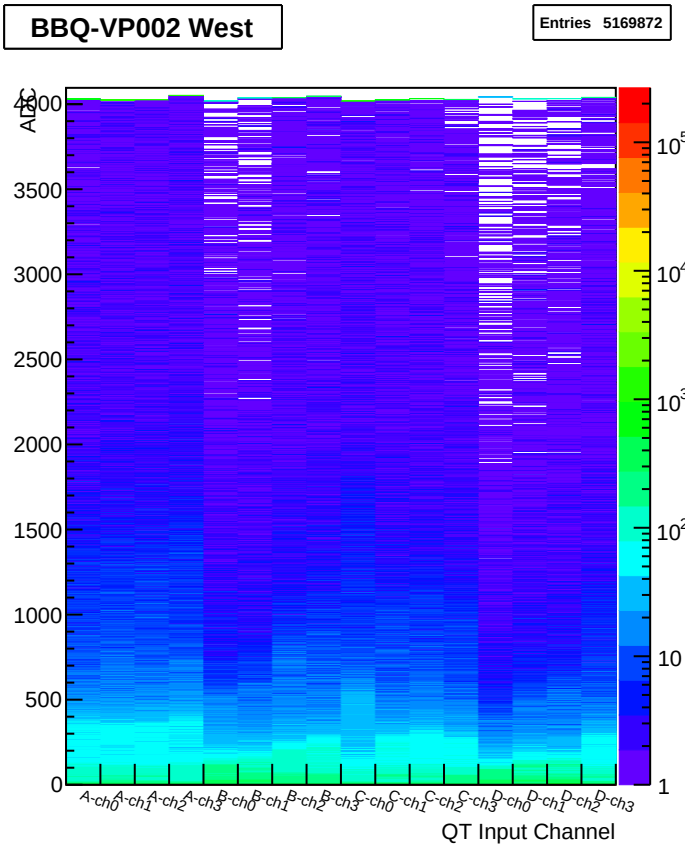

BBQ-BB002 (BBC west small tiles TAC)
Entries 5169872
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

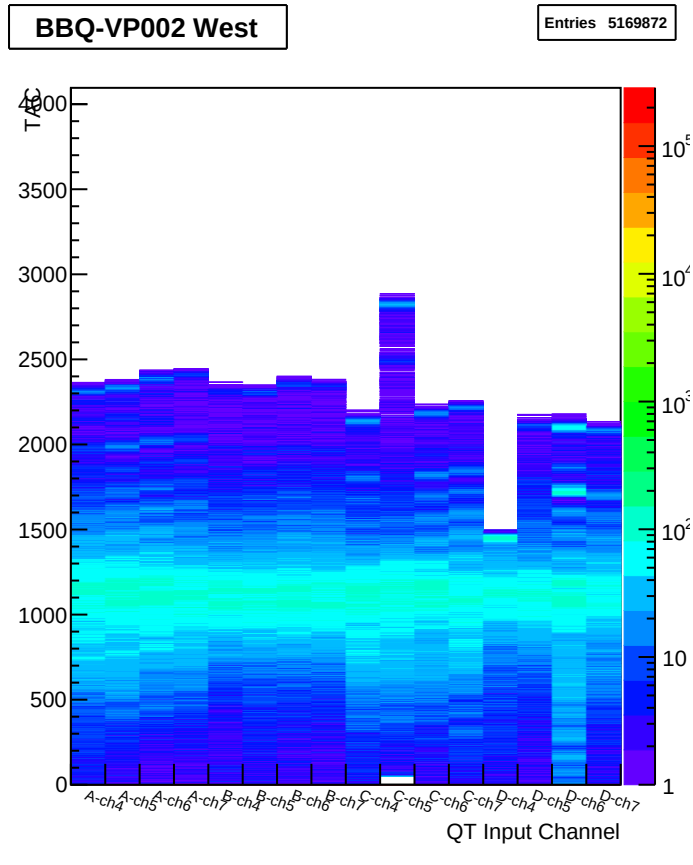

BBQ-ZD001 (ZDC TOWER)
Entries 5169872
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

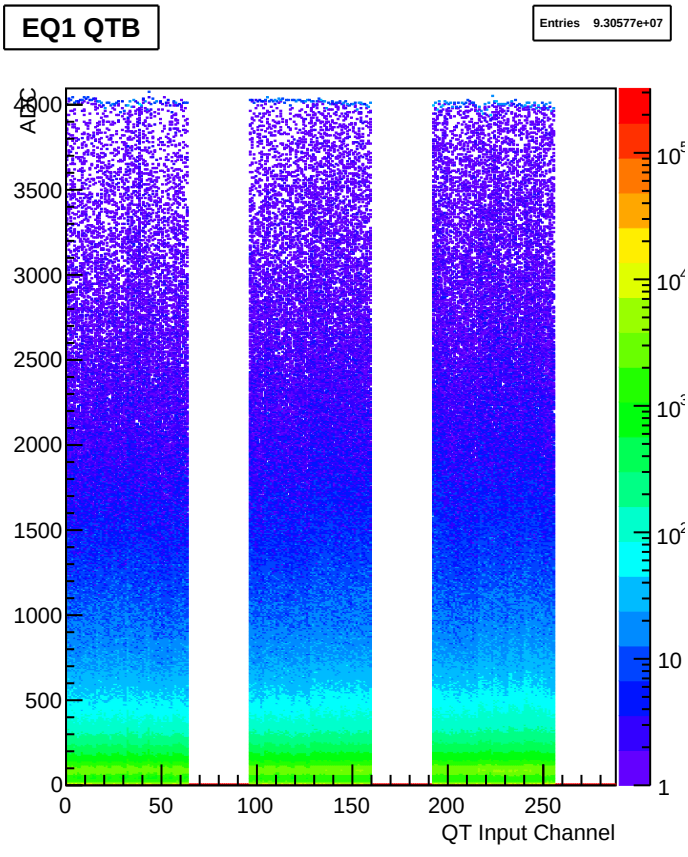

BBQ-ZD001 (ZDC TOWER)
Entries 5169872
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

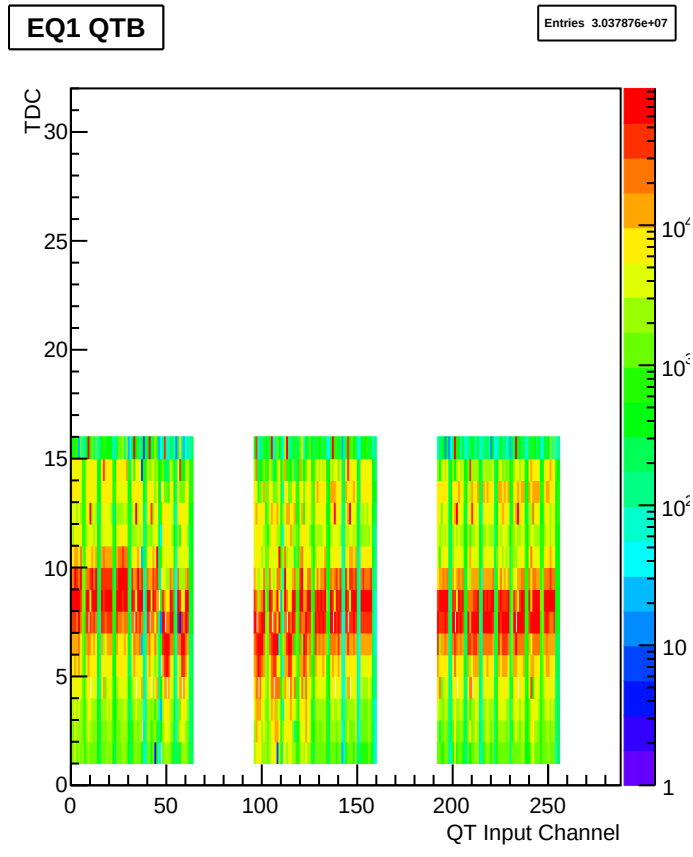

BBQ-VP001 East
Entries 5169872
ADC
QT Input Channel

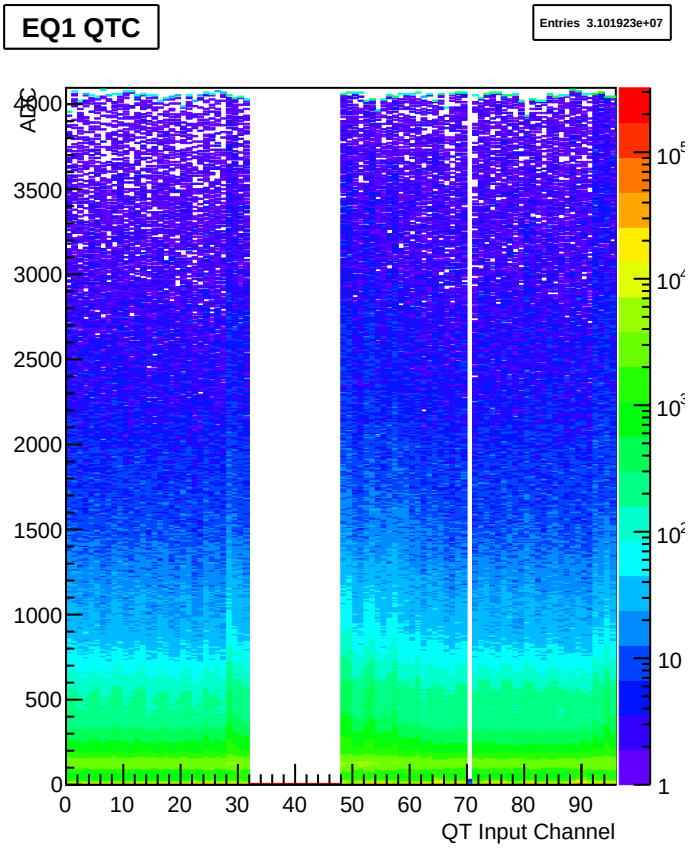

BBQ-VP001 East
Entries 5169872
TADC
QT Input Channel

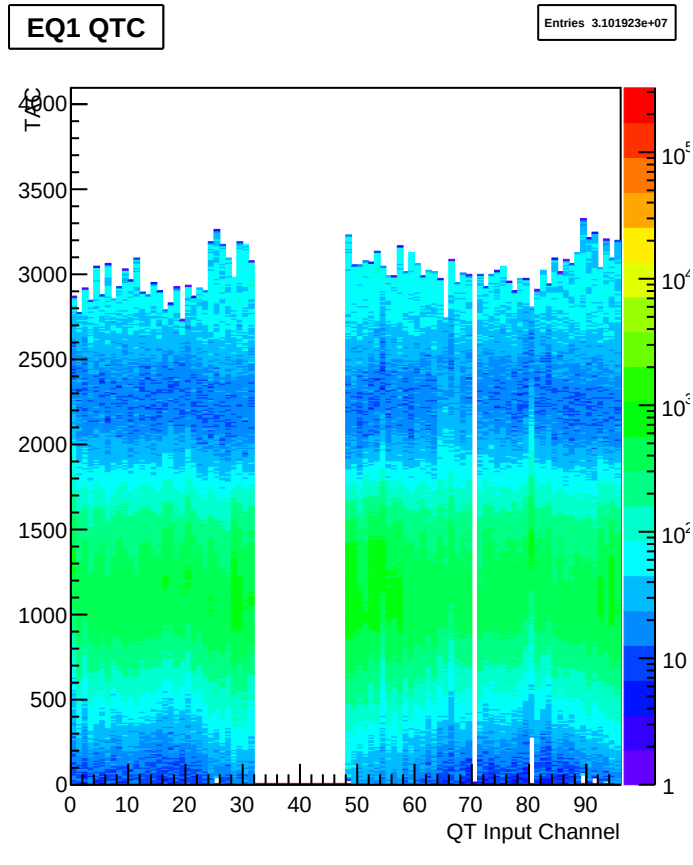

BBQ-VP002 West
Entries 5169872
ADC
QT Input Channel

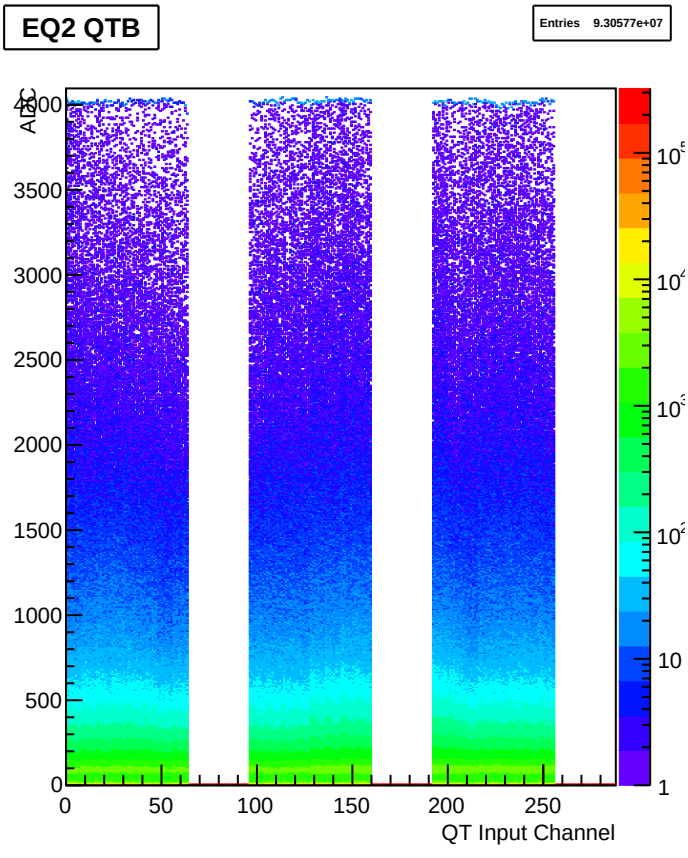

BBQ-VP002 West
Entries 5169872
TADC
QT Input Channel

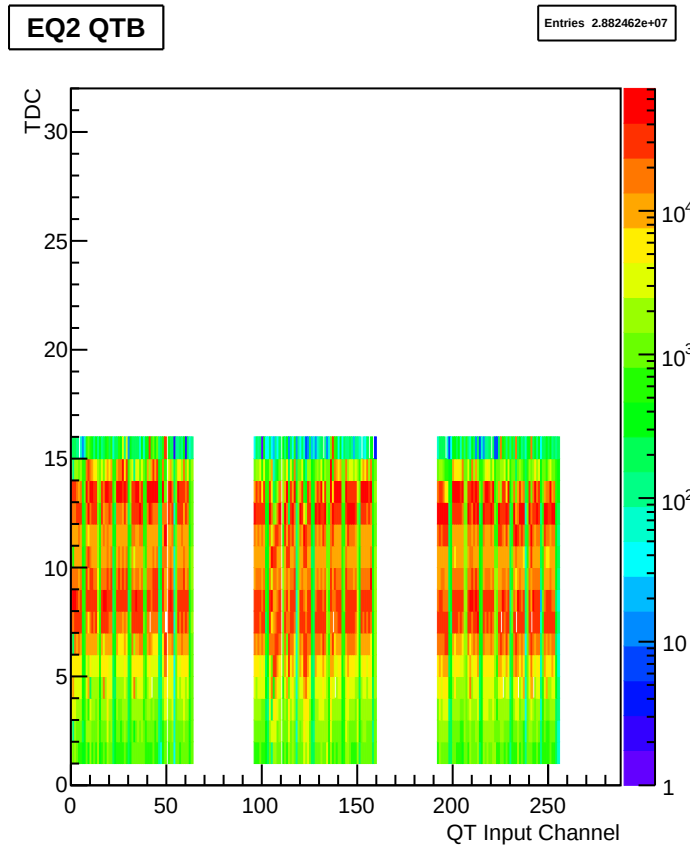

EQ1 QTB
Entries 9.30577e+07
ADC
QT Input Channel

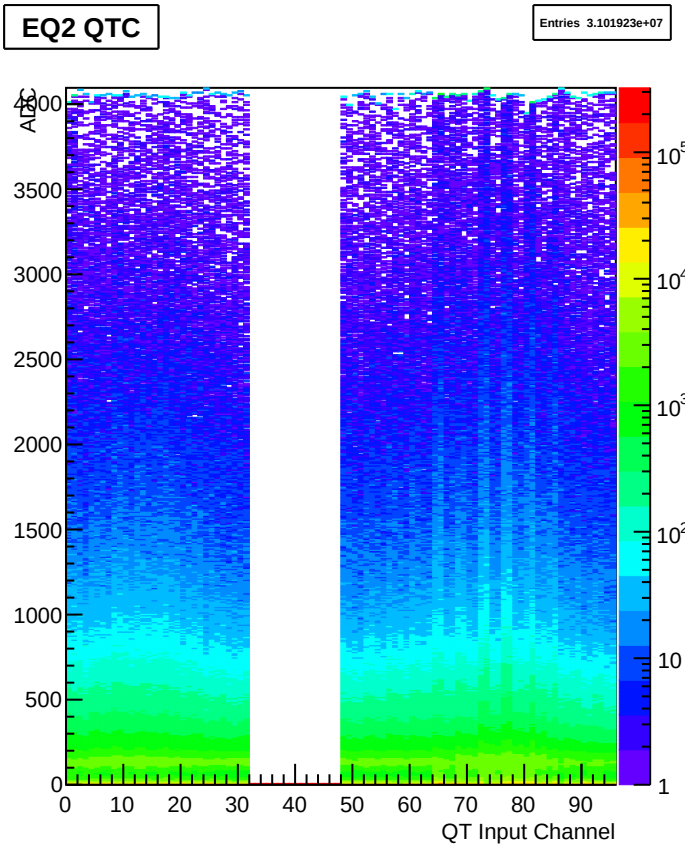

EQ1 QTB
Entries 3.037876e+07
TDC
QT Input Channel

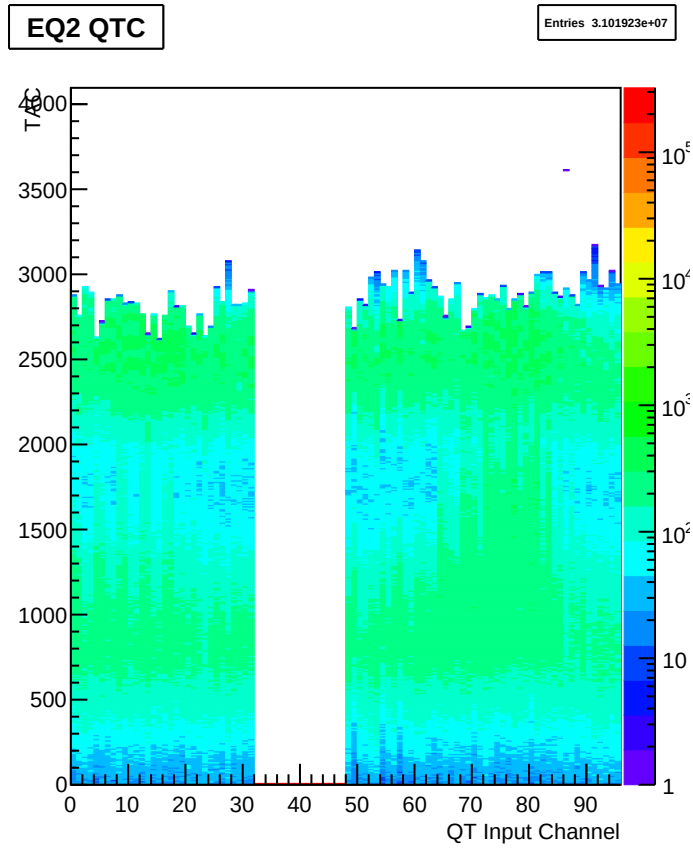

EQ1 QTC
Entries 3.101923e+07
ADC
QT Input Channel

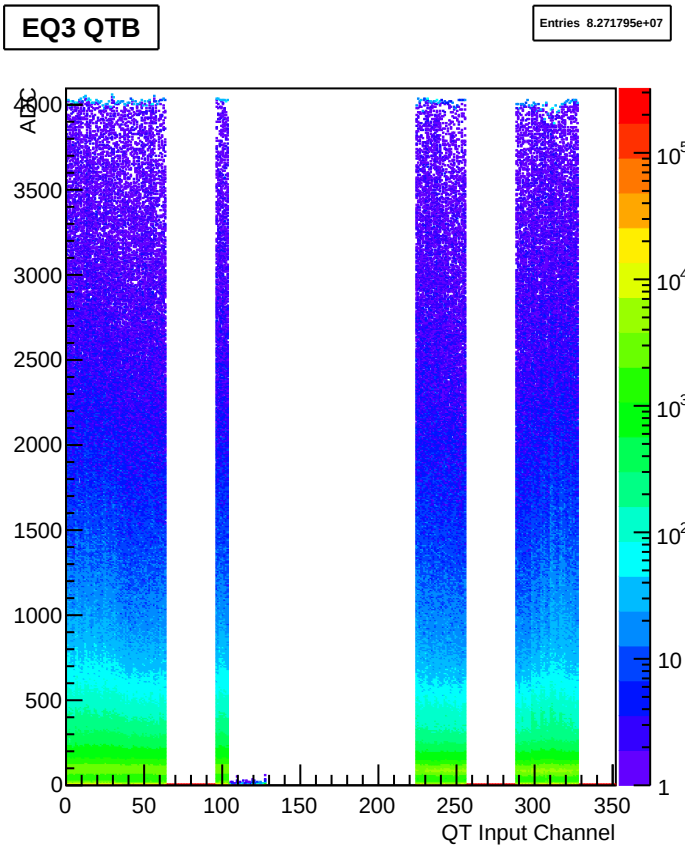

EQ1 QTC
Entries 3.101923e+07
TADC
QT Input Channel

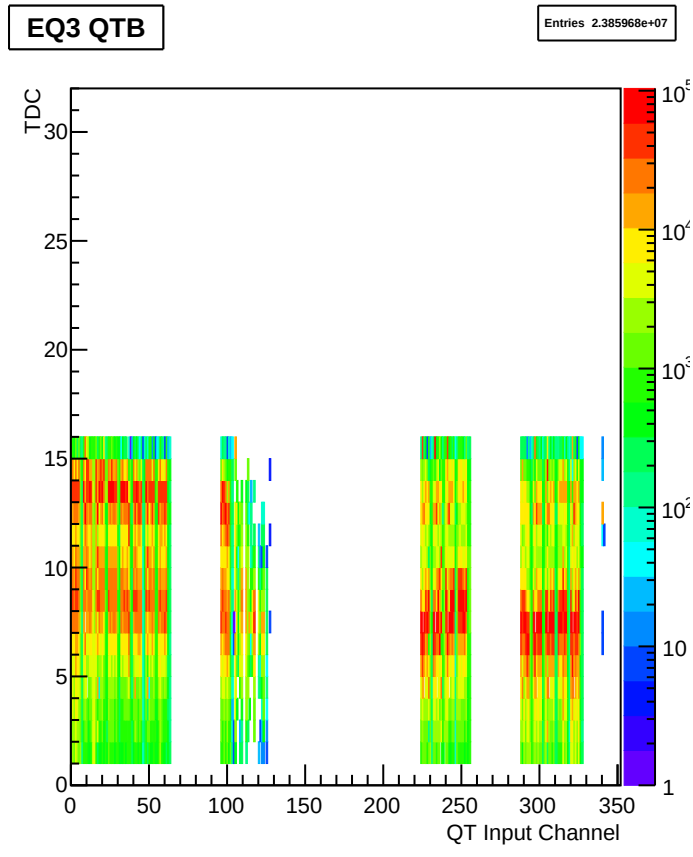

EQ2 QTB
Entries 9.30577e+07
ADC
QT Input Channel

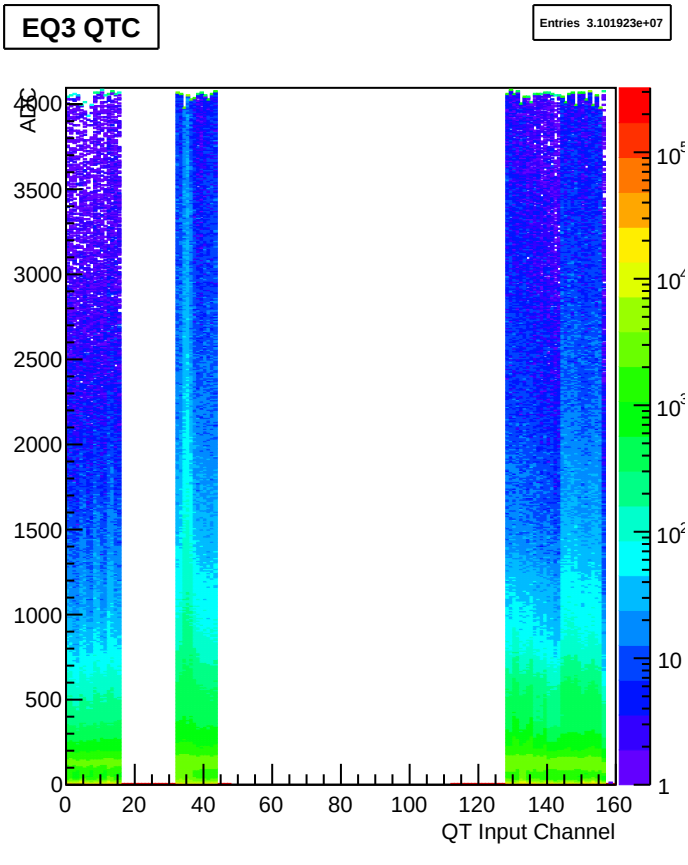

EQ2 QTB
Entries 2.882462e+07
TDC
QT Input Channel

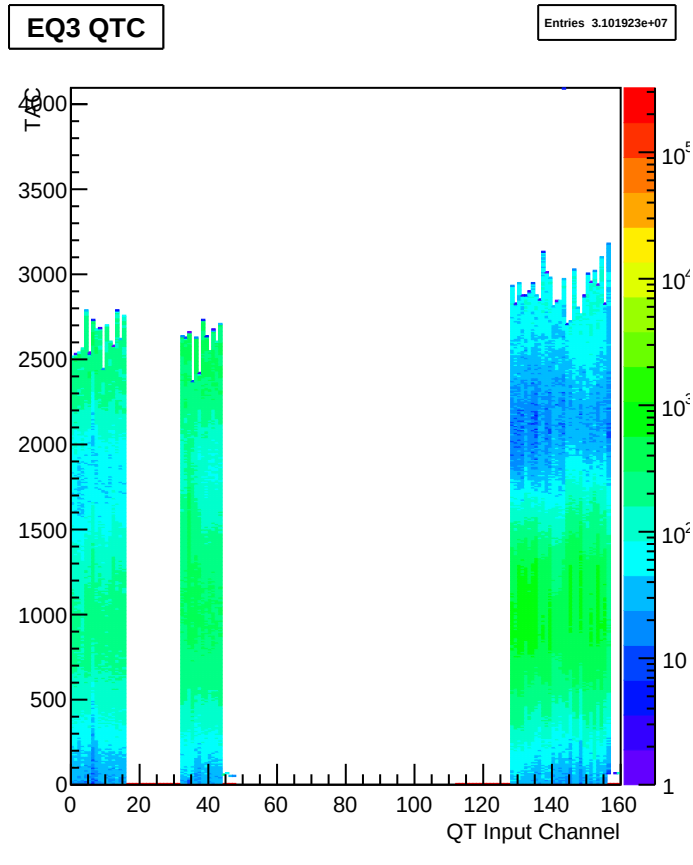

EQ2 QTC
Entries 3.101923e+07
ADC
QT Input Channel

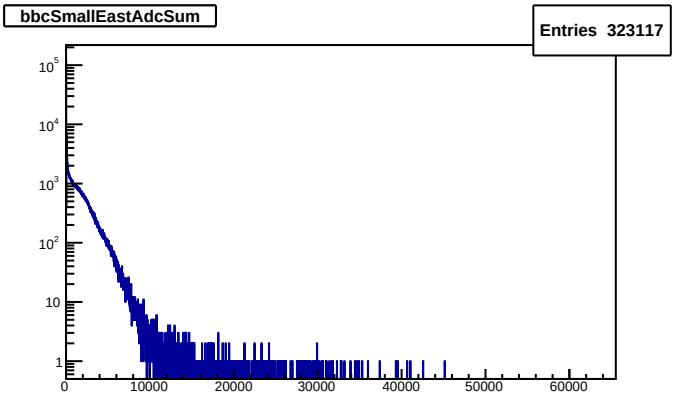

EQ2 QTC
Entries 3.101923e+07
TADC
QT Input Channel

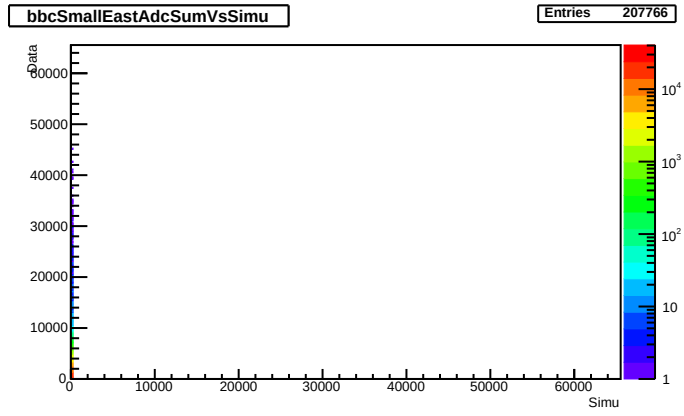

EQ3 QTB
Entries 8.271795e+07
ADC
QT Input Channel

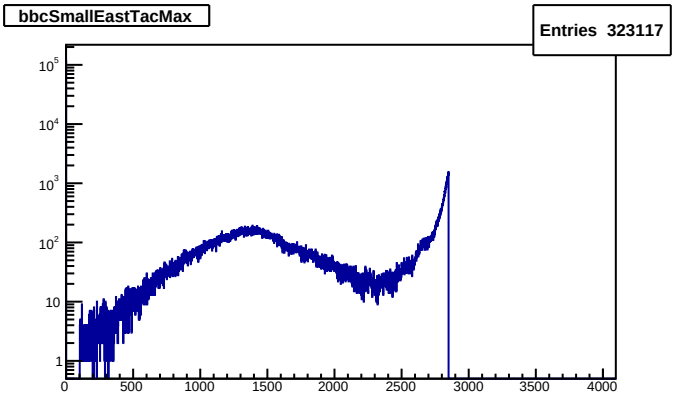

EQ3 QTB
Entries 2.385968e+07
TDC
QT Input Channel

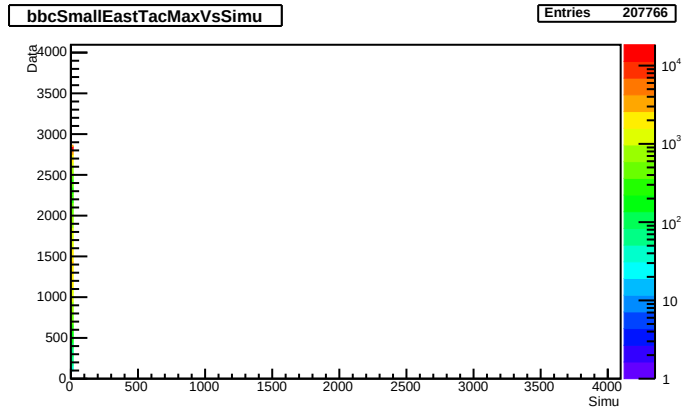

EQ3 QTC
Entries 3.101923e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.101923e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 323117


bbcSmallEastAdcSumVsSimu
Entries 207766
Data
Simu


bbcSmallEastTacMax
Entries 323117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Entries 207766
Data
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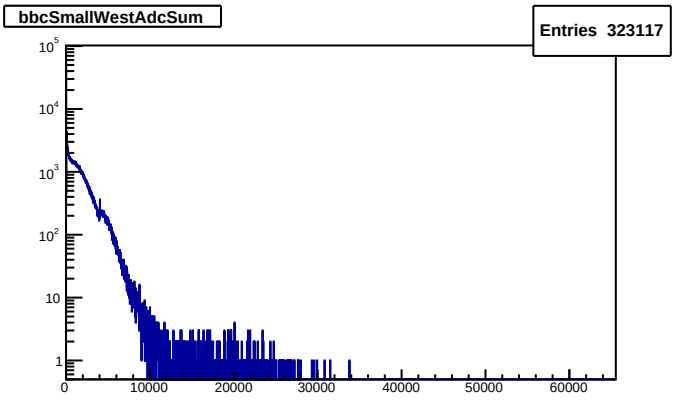
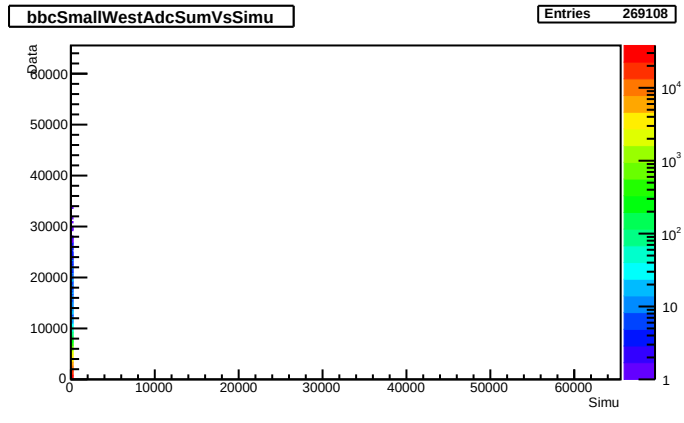

bbcSmallWestAdcSum
Entries 323117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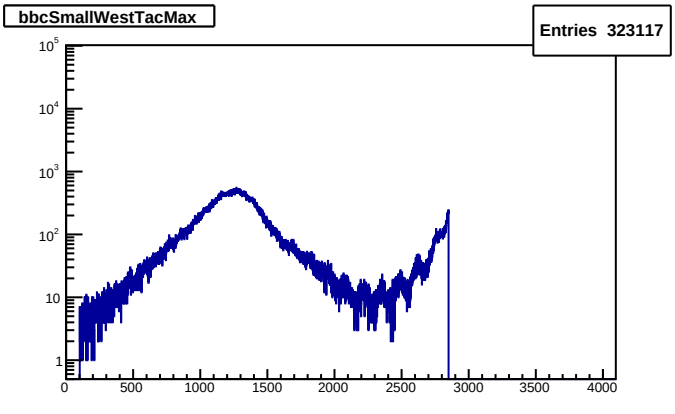
Entries 269108
Data
Simu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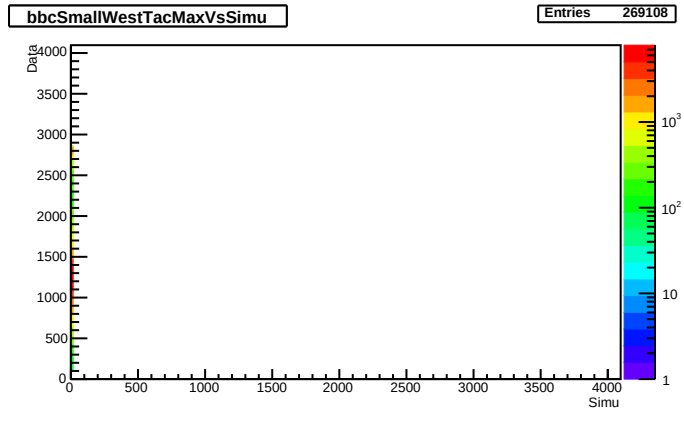
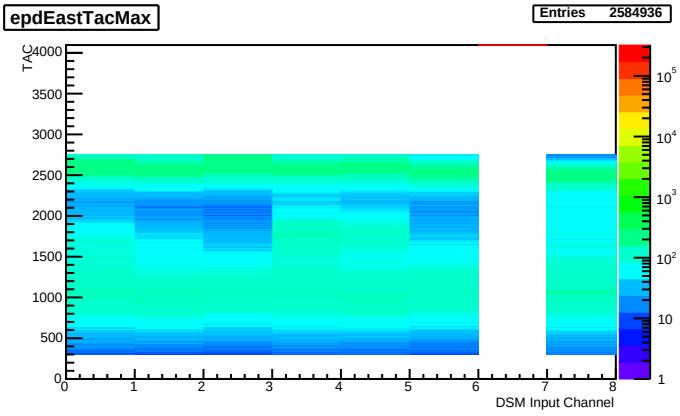
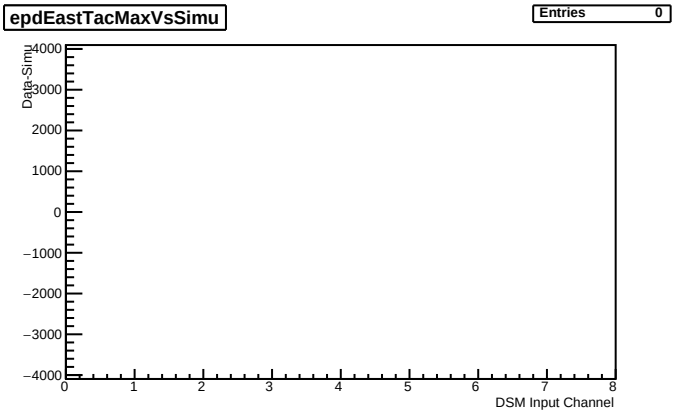
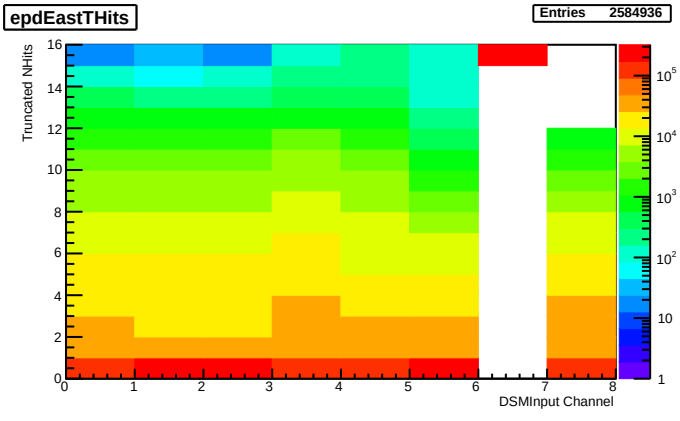
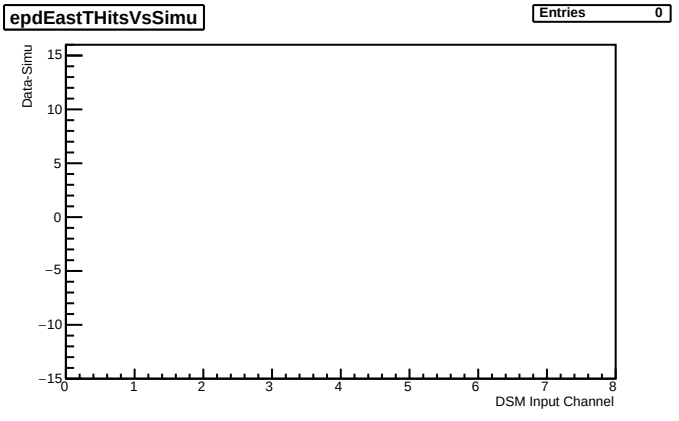
Entries 323117


bbcSmallWestTacMaxVsSimu
Entries 269108
Data
Simu


epdEastTacMax
Entries 2584936
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2584936
Truncated NHits
DSMInput Channel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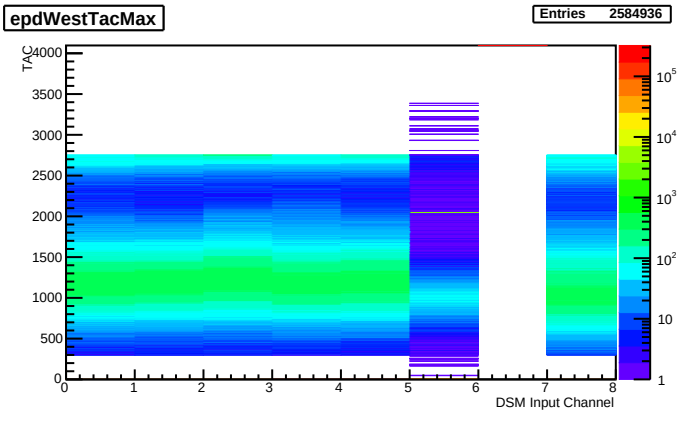
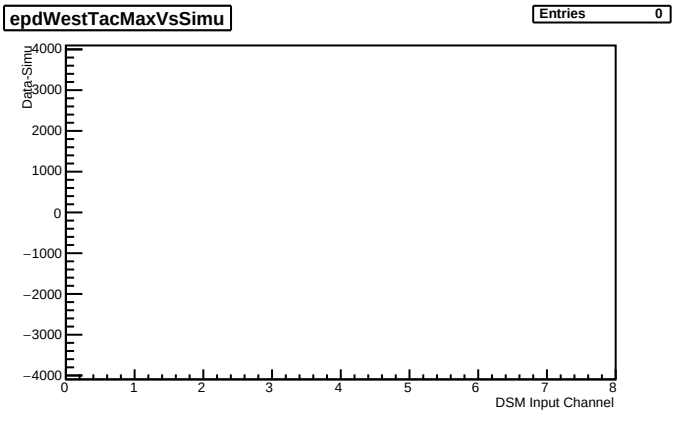
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2584936
TAC
DSM Input Channel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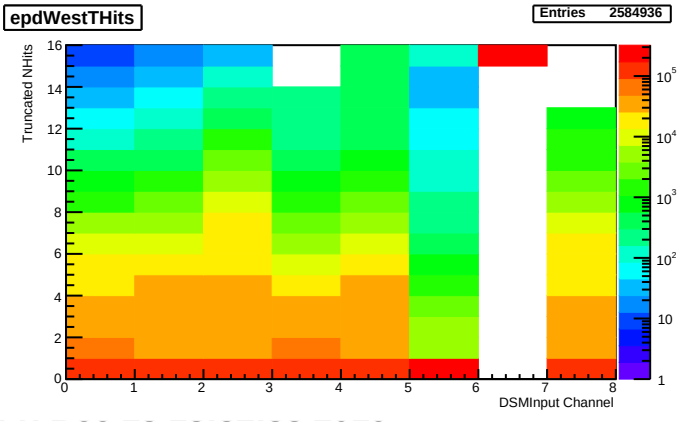
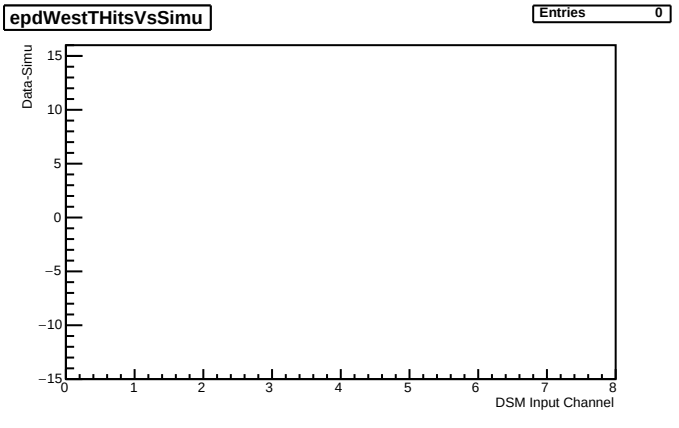
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2584936
Truncated NHits
DSMInput Channel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Entries 0
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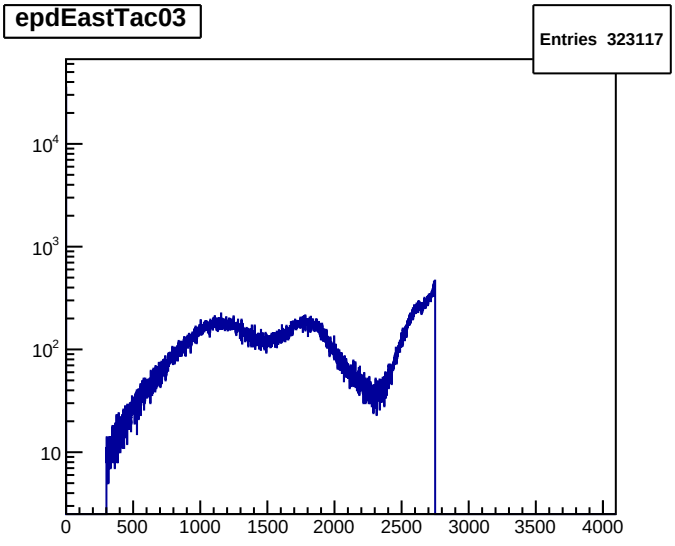
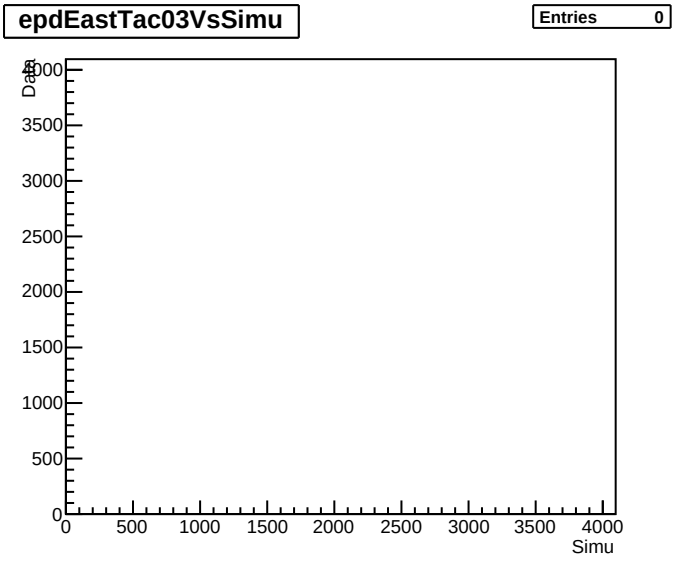
DSM Input Channel


epdEastTac03
Entries 323117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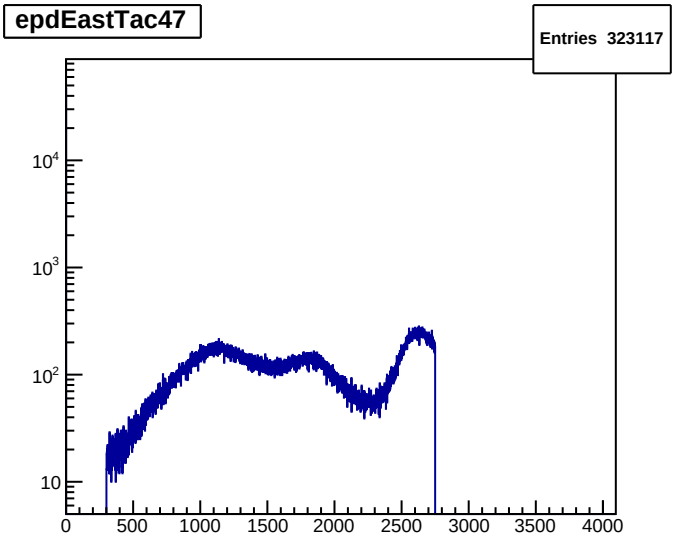
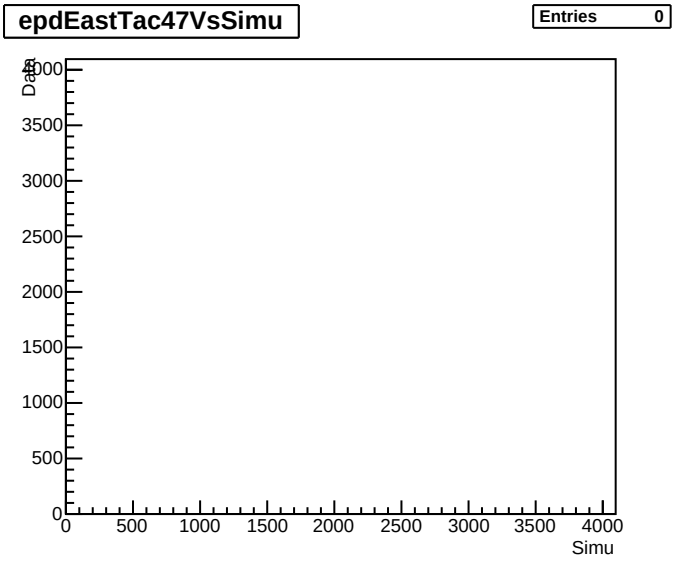
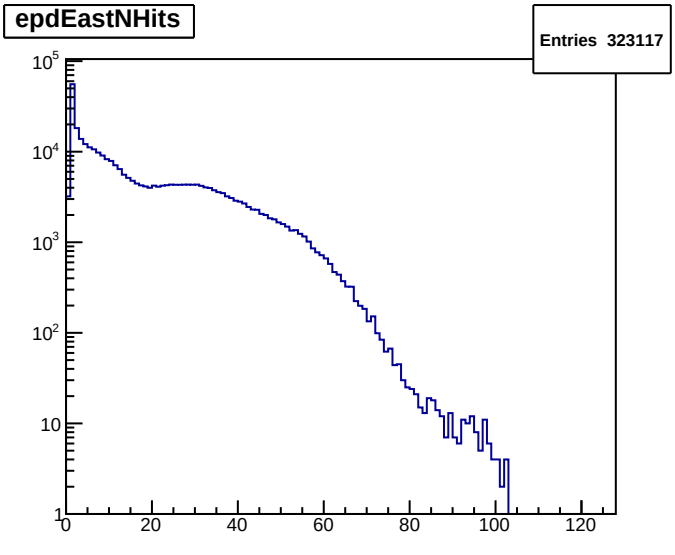
Entries 0
Data
Simu


epdEastTac47
Entries 323117


epdEastTac47VsSimu
Entries 0
Data
Simu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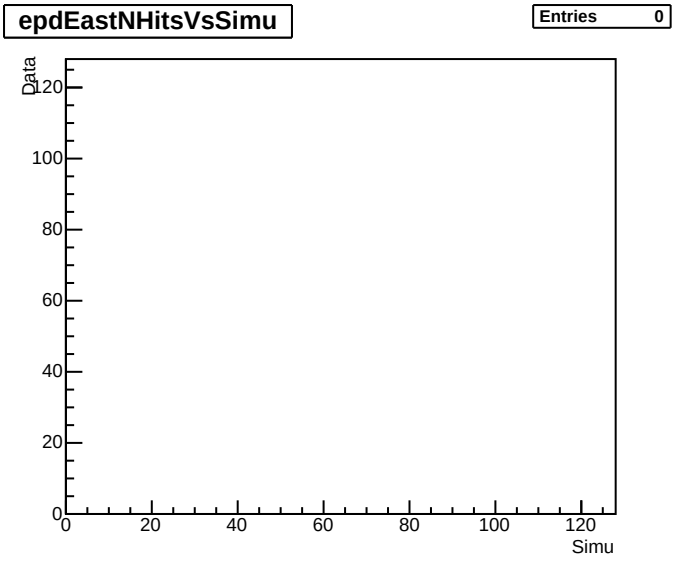
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Entries 0
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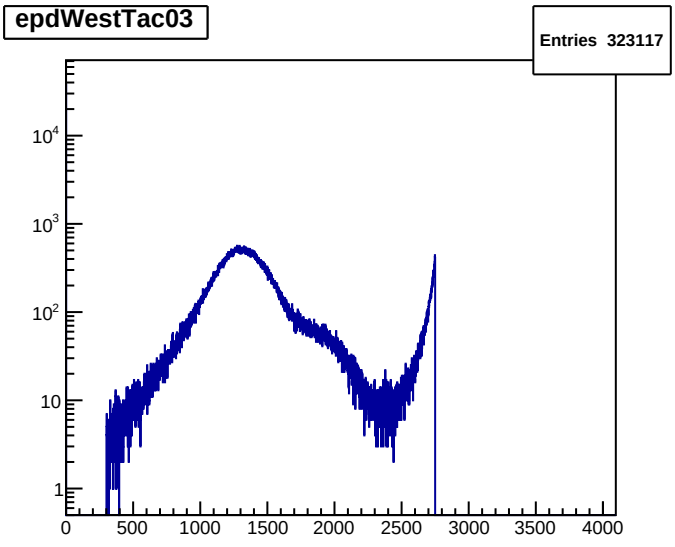
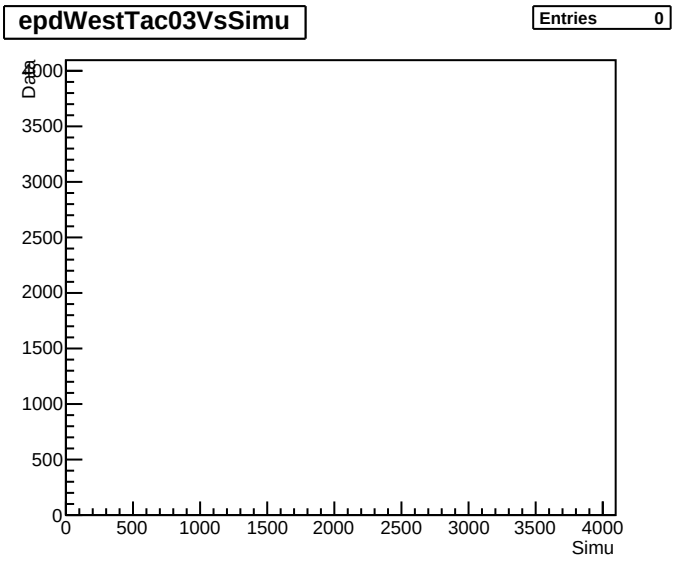

epdWestTac03
Entries 323117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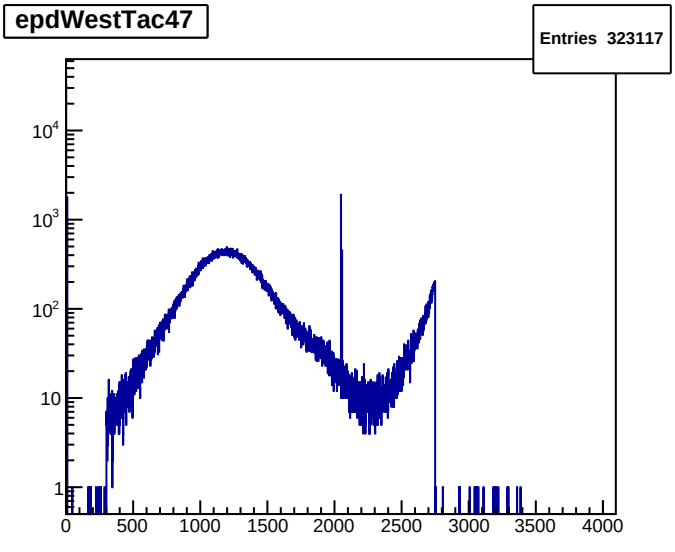
Entries 0
Data
Simu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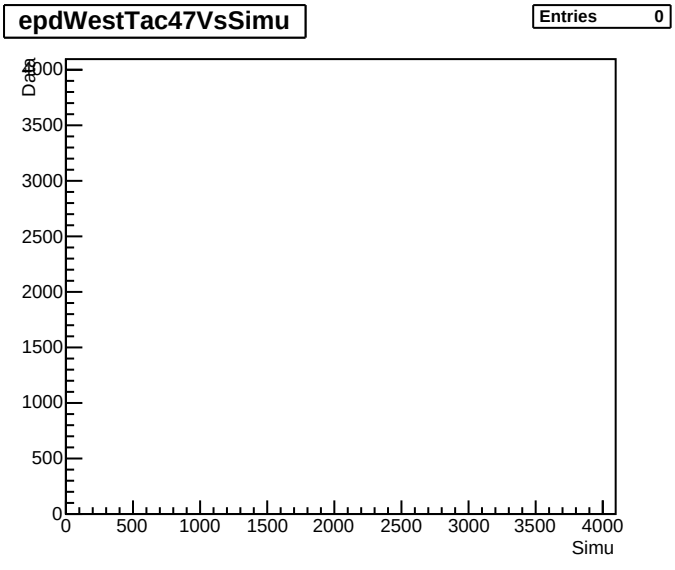
Entries 323117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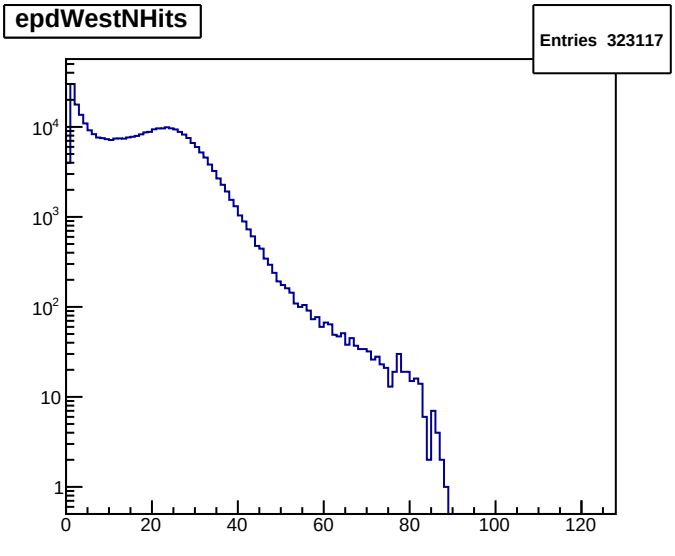
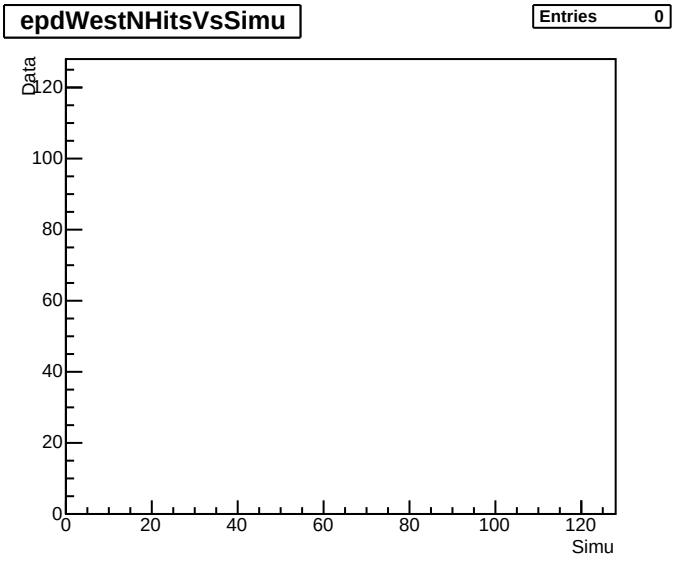
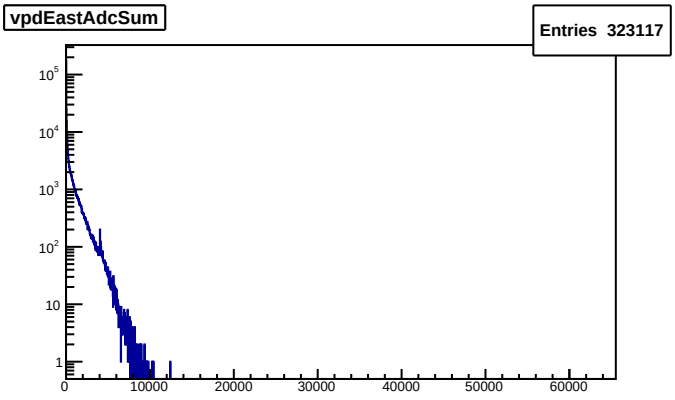
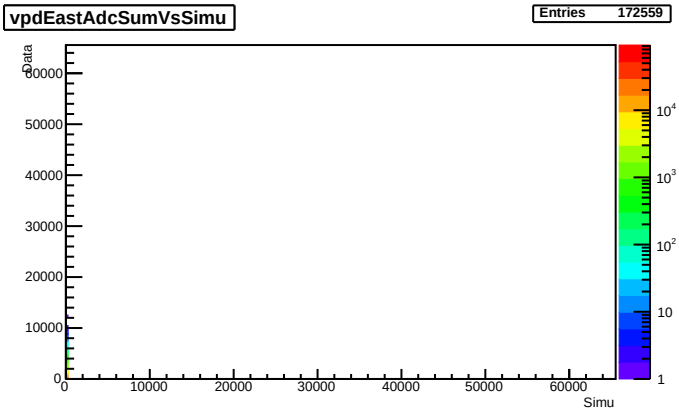
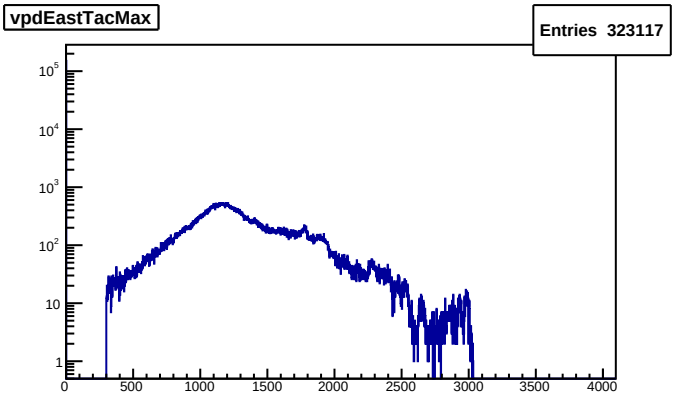
Entries 0
Data
Simu

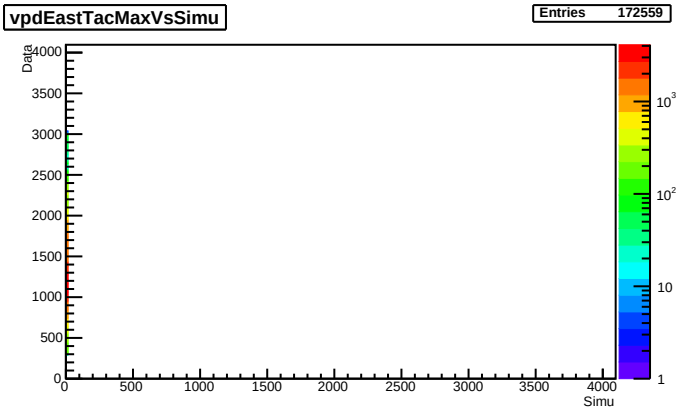

epdWestNHits
Entries 323117

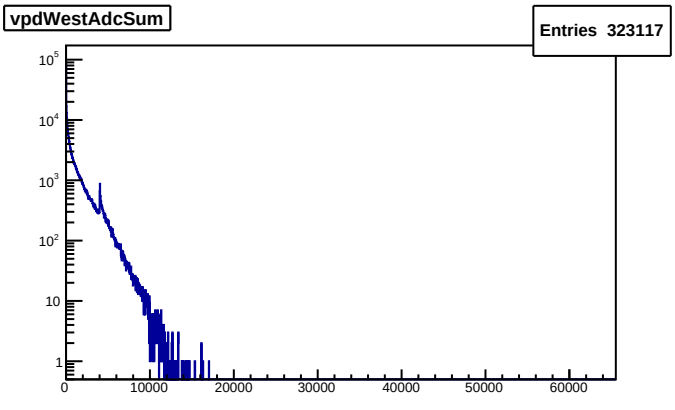

epdWestNHitsVsSimu
Entries 0
Data
Simu

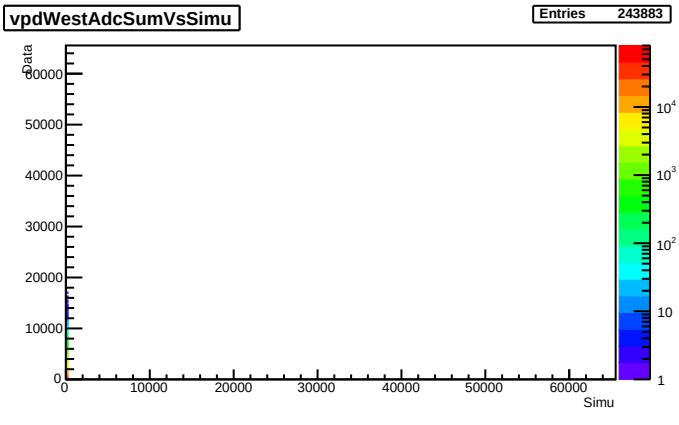

vpdEastAdcSum
Entries 323117

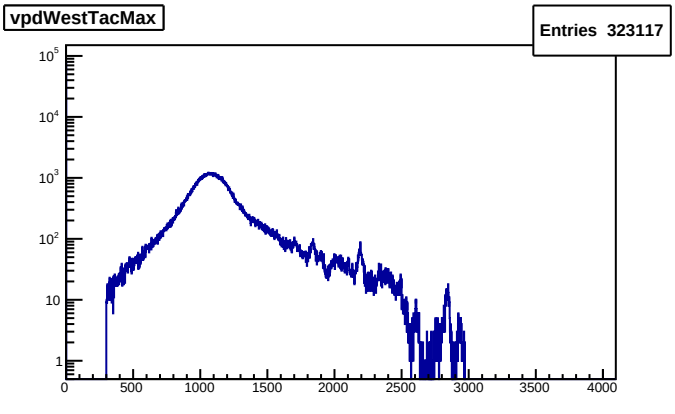

vpdEastAdcSumVsSimu
Entries 172559
Data
Simu

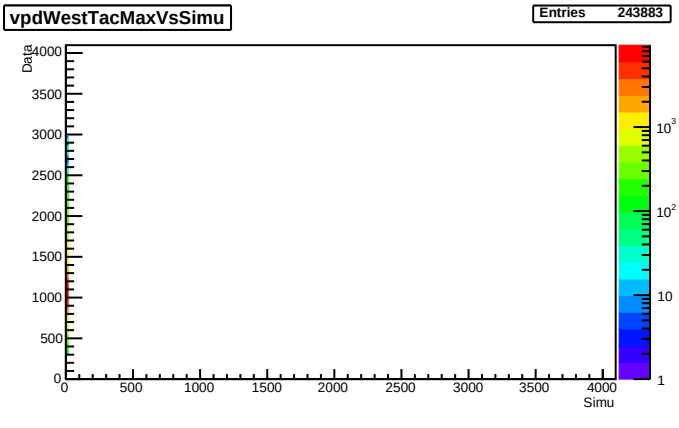

vpdEastTacMax
Entries 323117

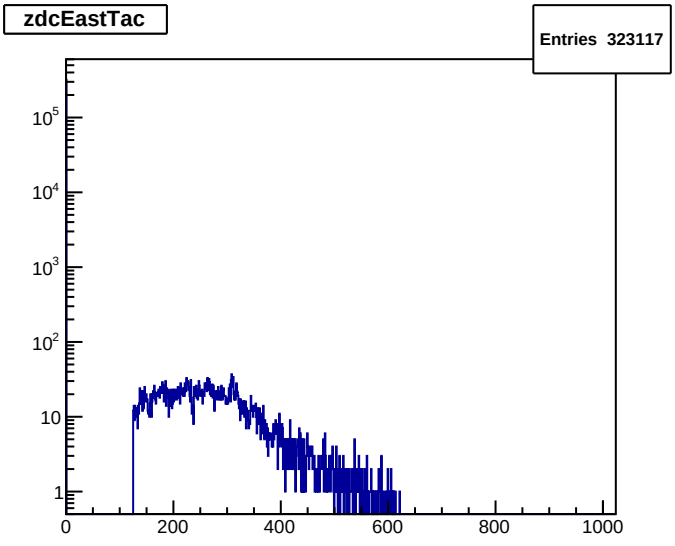

vpdEastTacMaxVsSimu
Entries 172559
Data
Simu

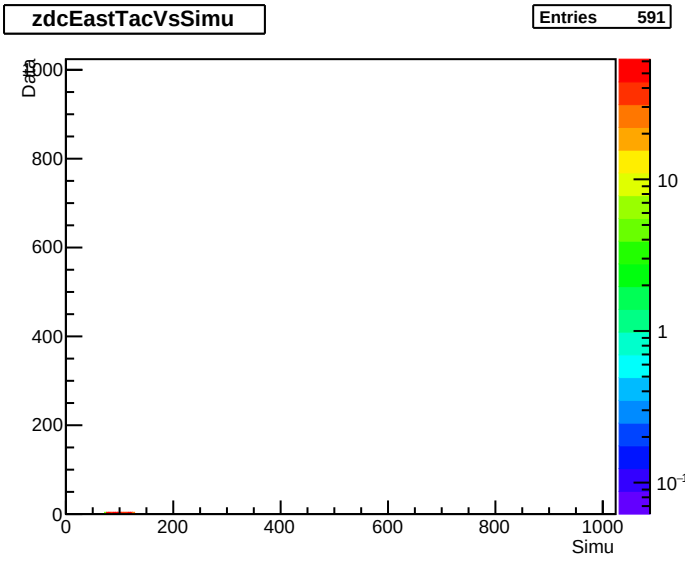

vpdWestAdcSum
Entries 323117

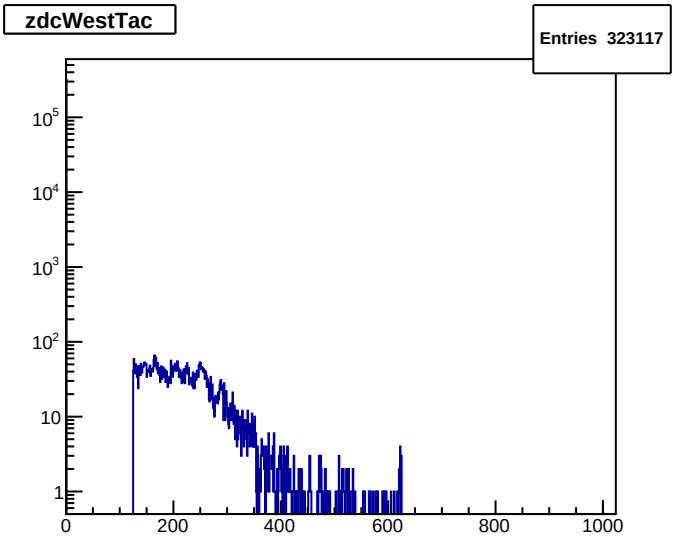

vpdWestAdcSumVsSimu
Entries 243883
Data
Simu

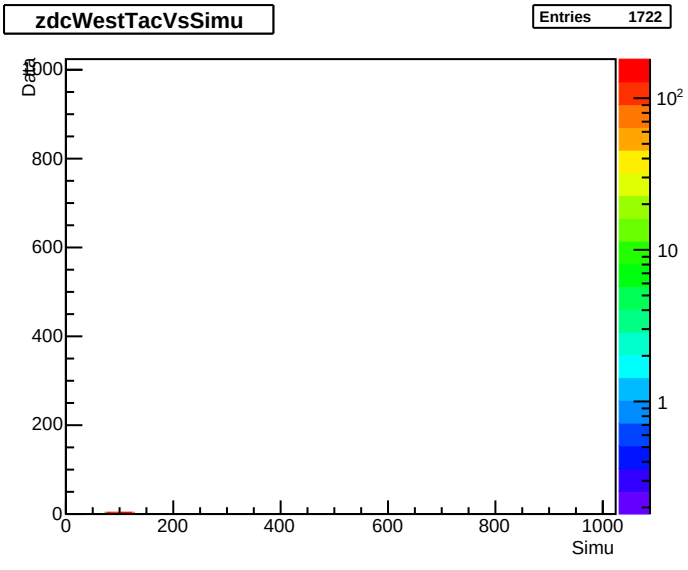

vpdWestTacMax
Entries 323117

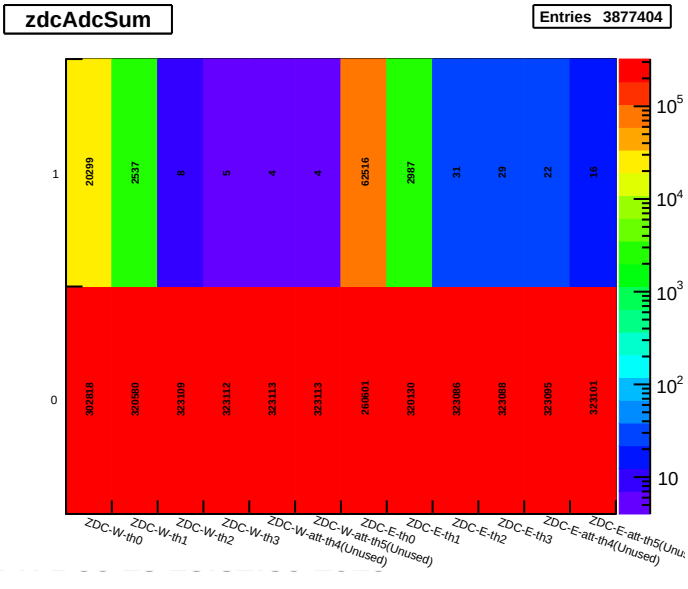

vpdWestTacMaxVsSimu
Entries 243883
Data
Simu

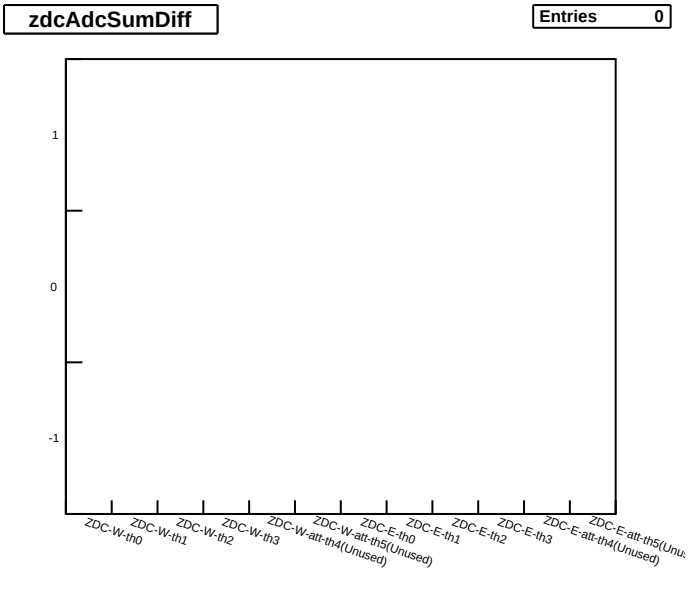

zdcEastTac
Entries 323117

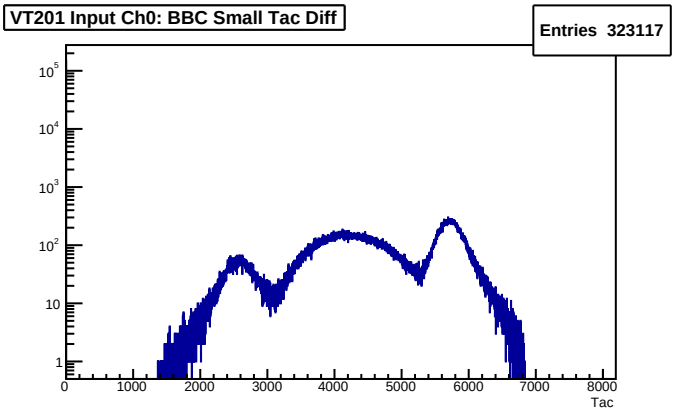

zdcEastTacVsSimu
Entries 591
Data
Simu

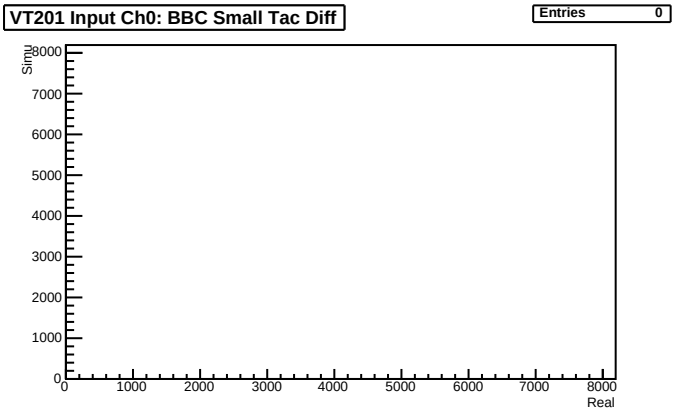

zdcWestTac
Entries 323117

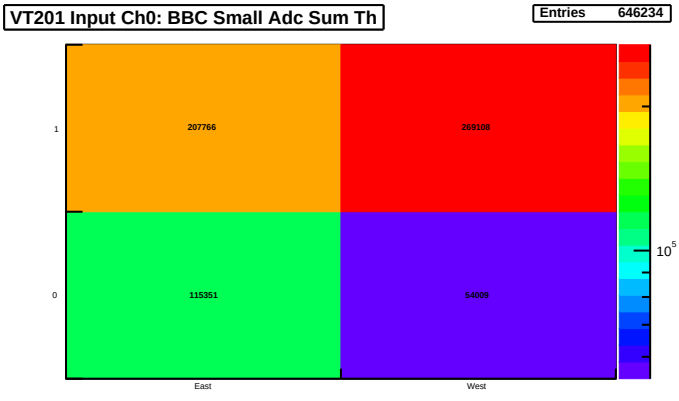

zdcWestTacVsSimu
Entries 1722
Data
Simu

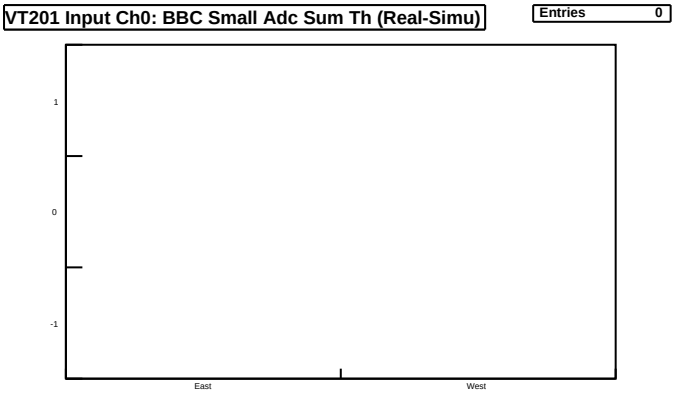

zdcAdcSum
Entries 3877404
20299
2537
8
5
4
4
62516
2987
31
29
22
16
302818
320580
323109
323112
323113
323113
260601
320130
323086
323088
323095
323101
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

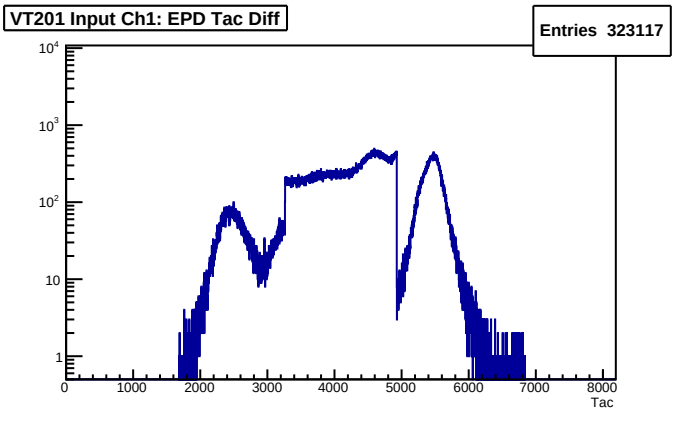

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

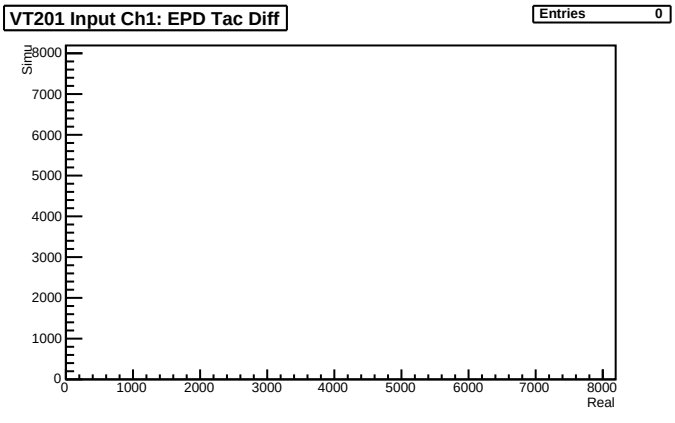

VT201 Input Ch0: BBC Small Tac Diff
Entries 323117
Tac

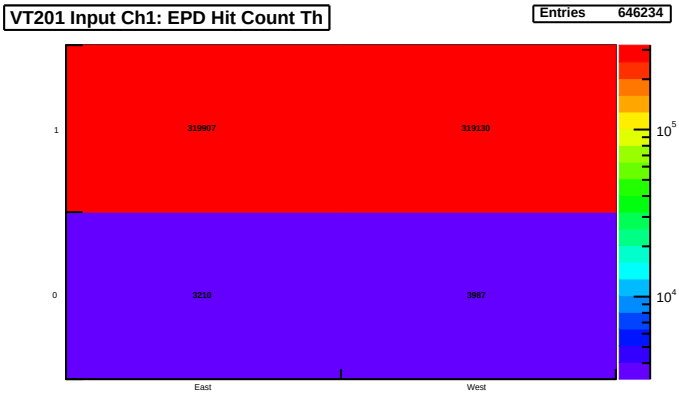

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

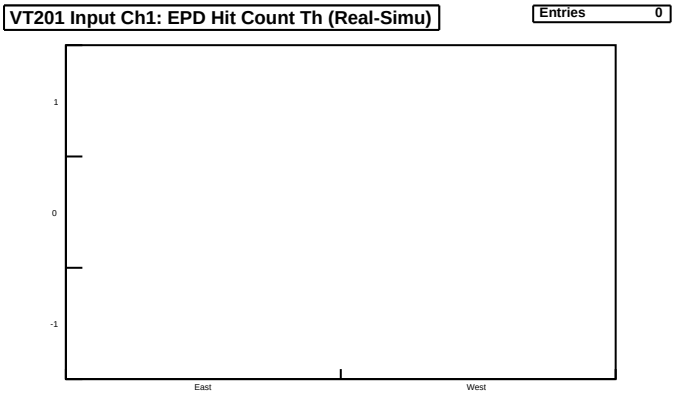

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 646234
207766
269108
115351
54009
East
West

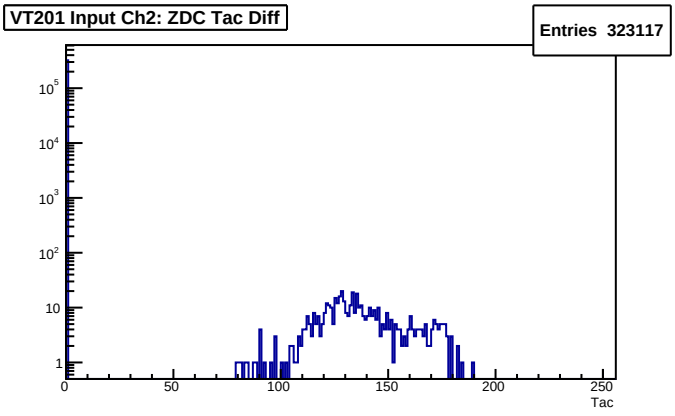

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

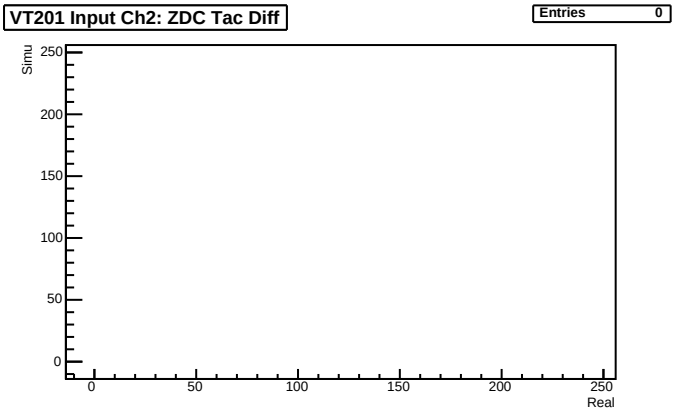

VT201 Input Ch1: EPD Tac Diff
Entries 323117
Tac

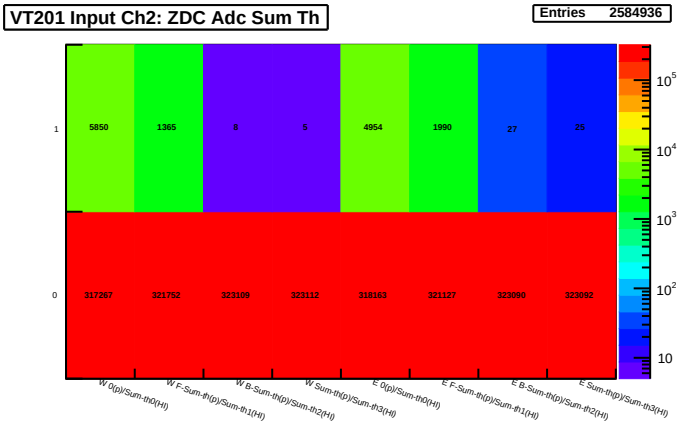

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

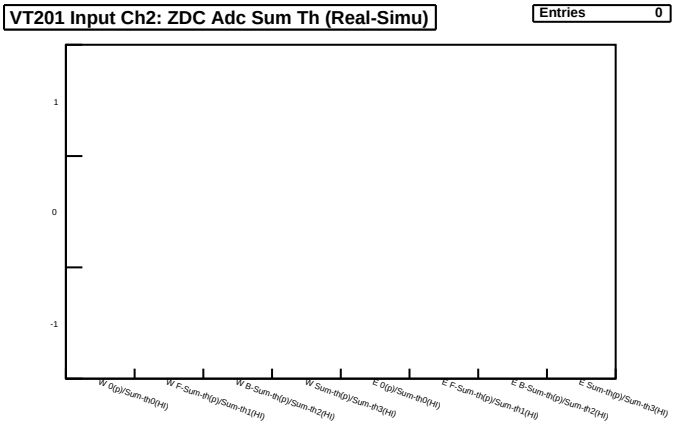

VT201 Input Ch1: EPD Hit Count Th
Entries 646234
319907
319130
3210
3987
East
West

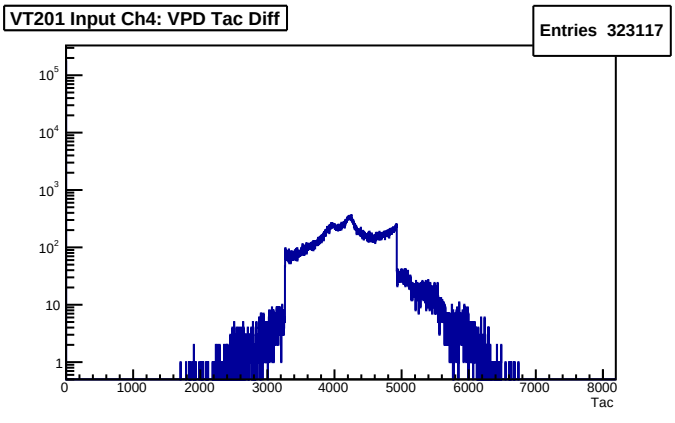

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

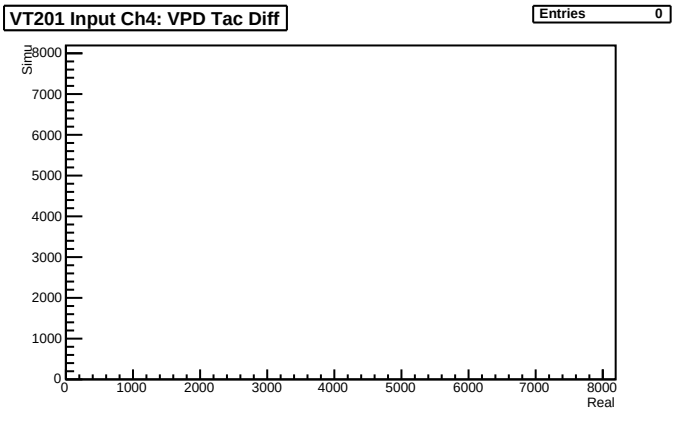

VT201 Input Ch2: ZDC Tac Diff
Entries 323117
Tac

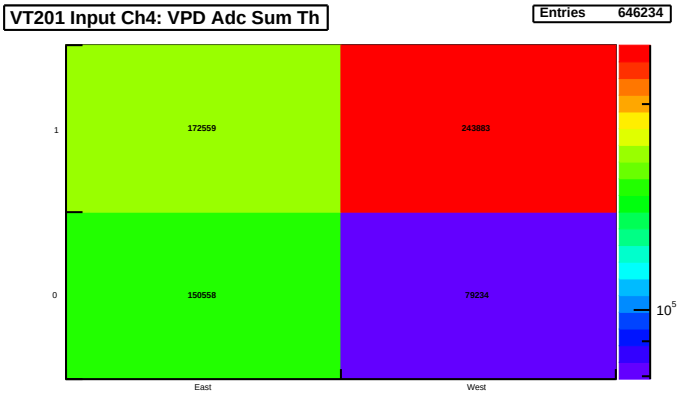

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

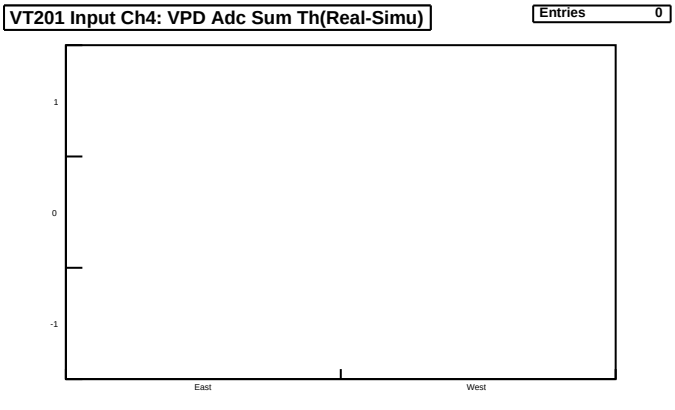

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2584936
5850
1365
8
5
4954
1990
27
25
317267
321752
323109
323112
318163
321127
323090
323092
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

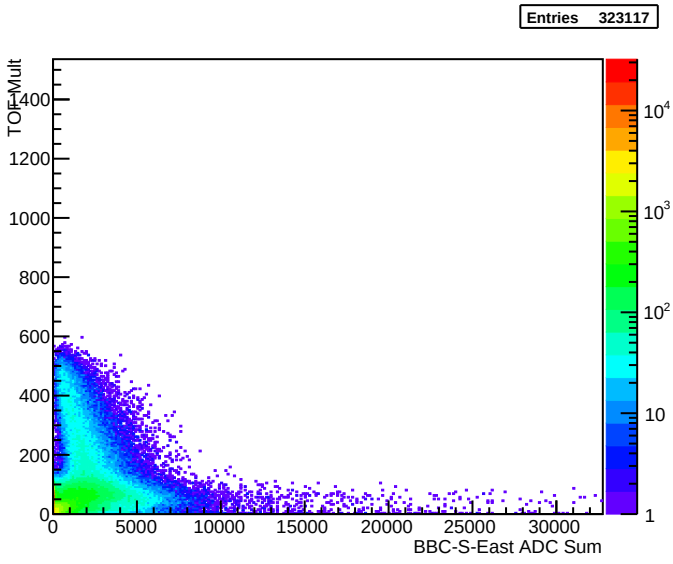

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

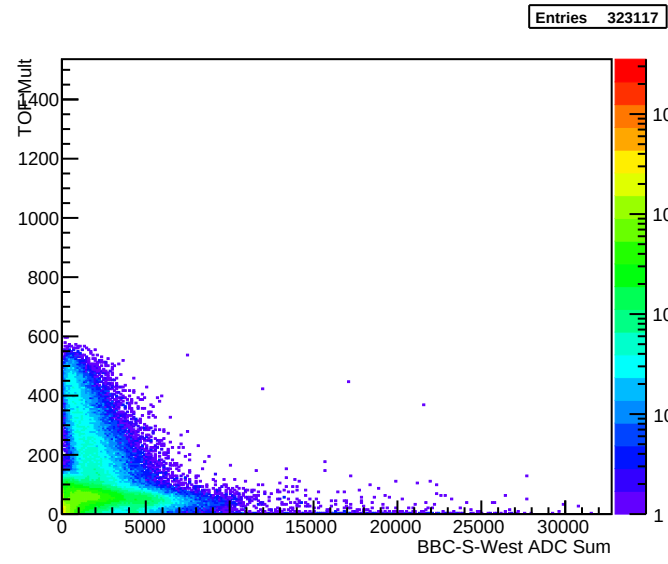

VT201 Input Ch4: VPD Tac Diff
Entries 323117
Tac

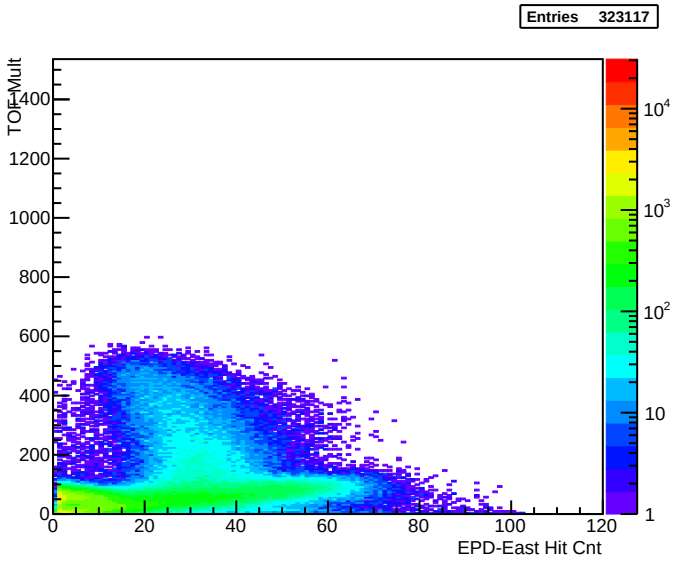

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

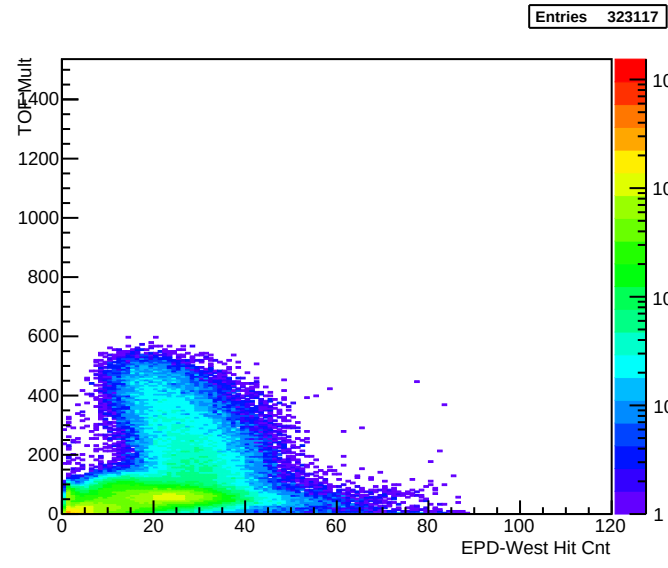

VT201 Input Ch4: VPD Adc Sum Th
Entries 646234
172559
243883
150558
79234
East
West

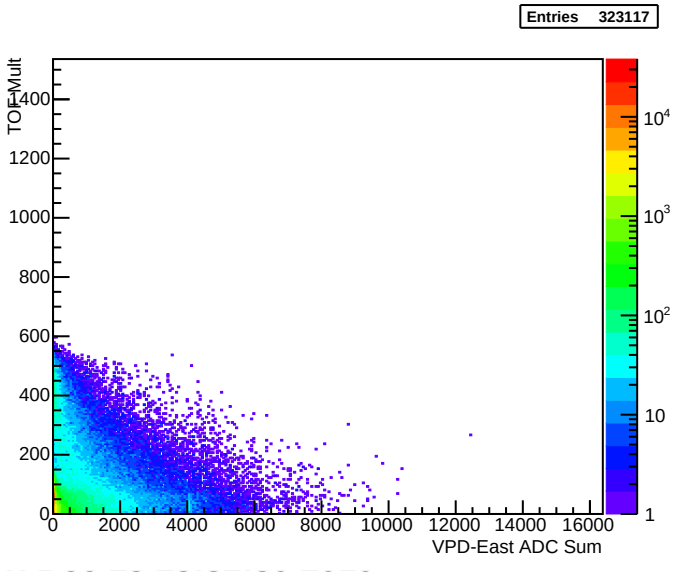

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

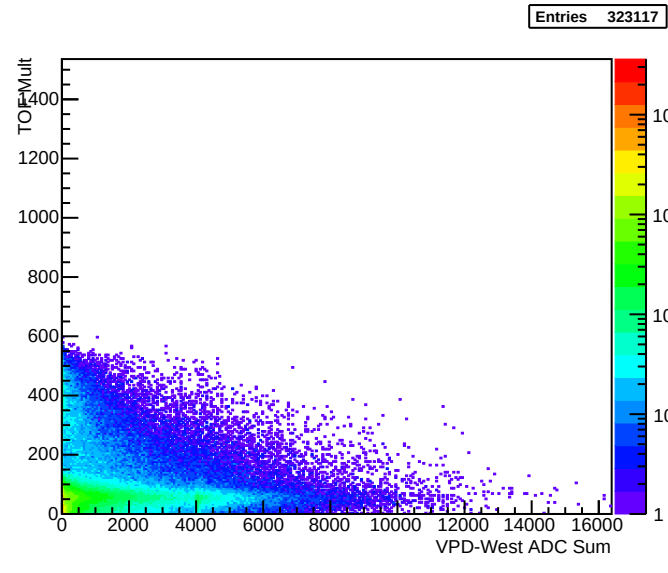

Entries 323117
TOF-Mult
BBC-S-East ADC Sum

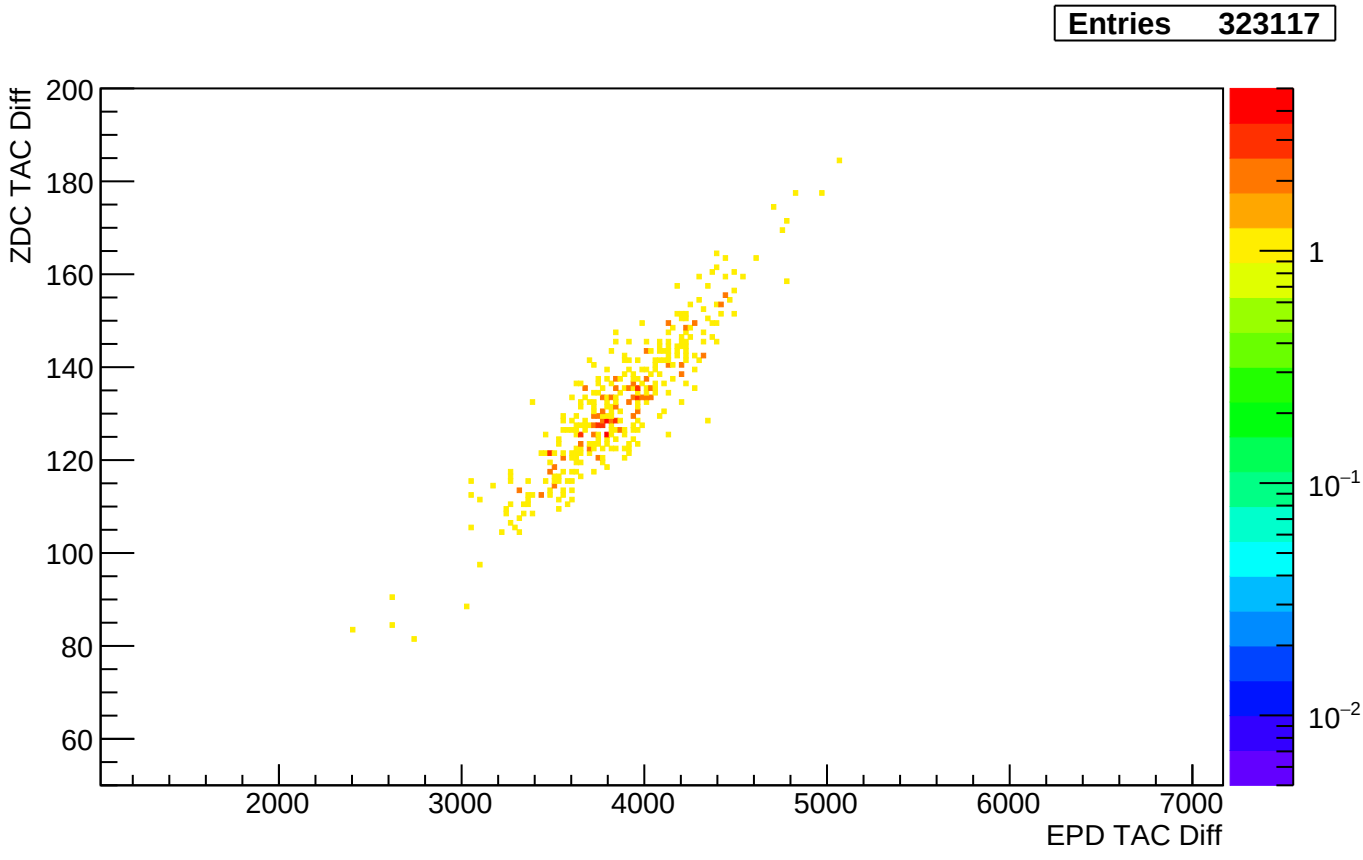

Entries 323117
TOF-Mult
BBC-S-West ADC Sum

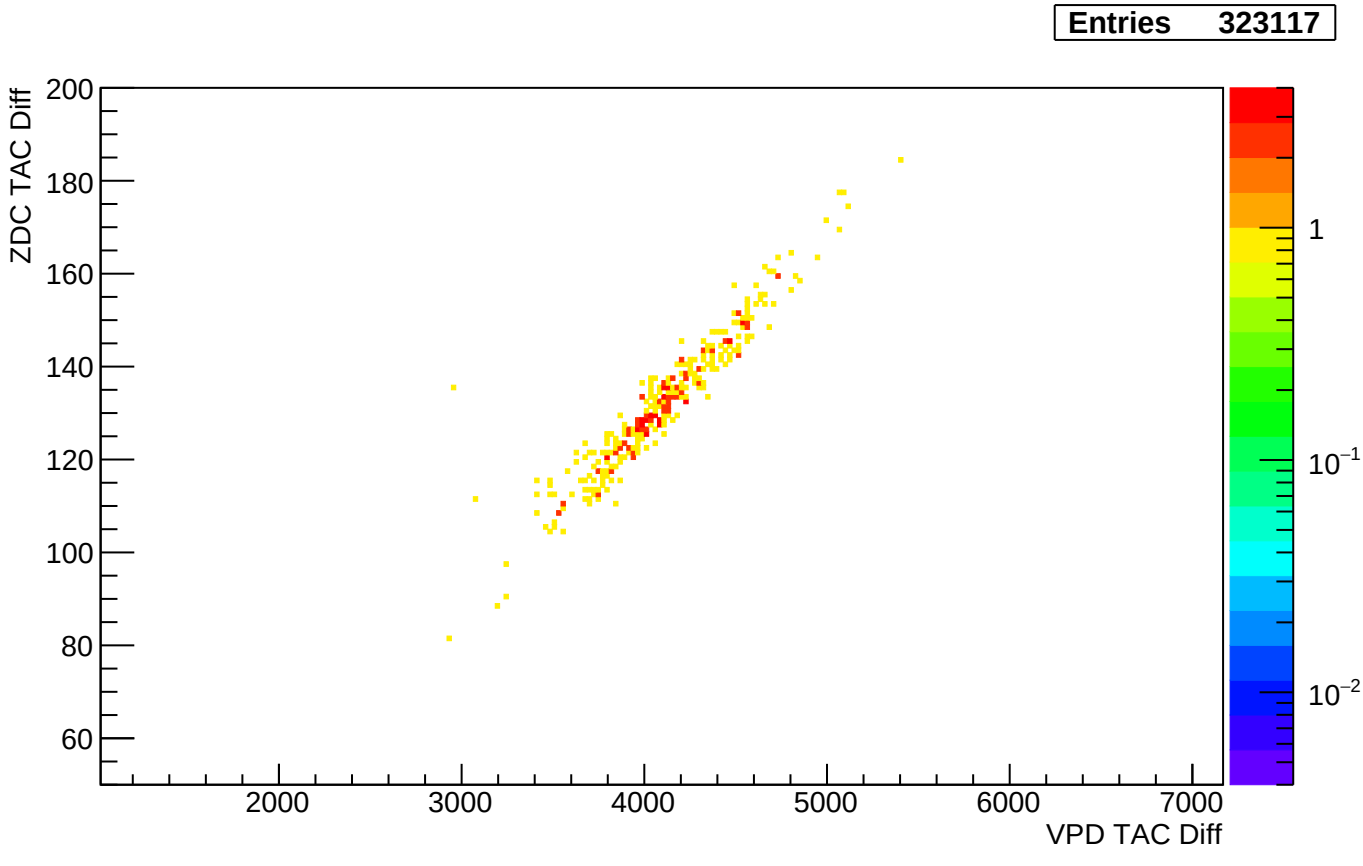

Entries 323117
TOF-Mult
EPD-East Hit Cnt

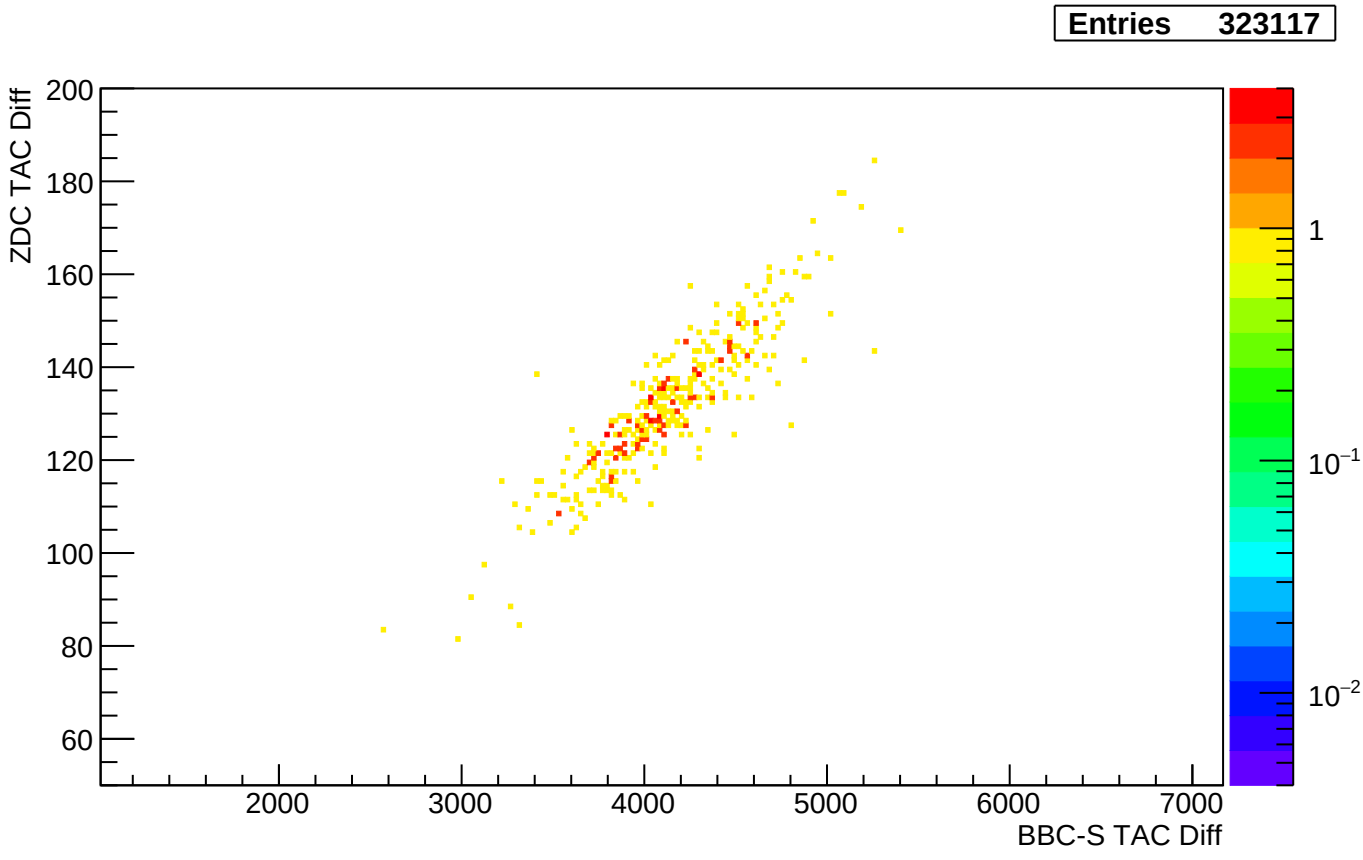

Entries 323117
TOF-Mult
EPD-West Hit Cnt

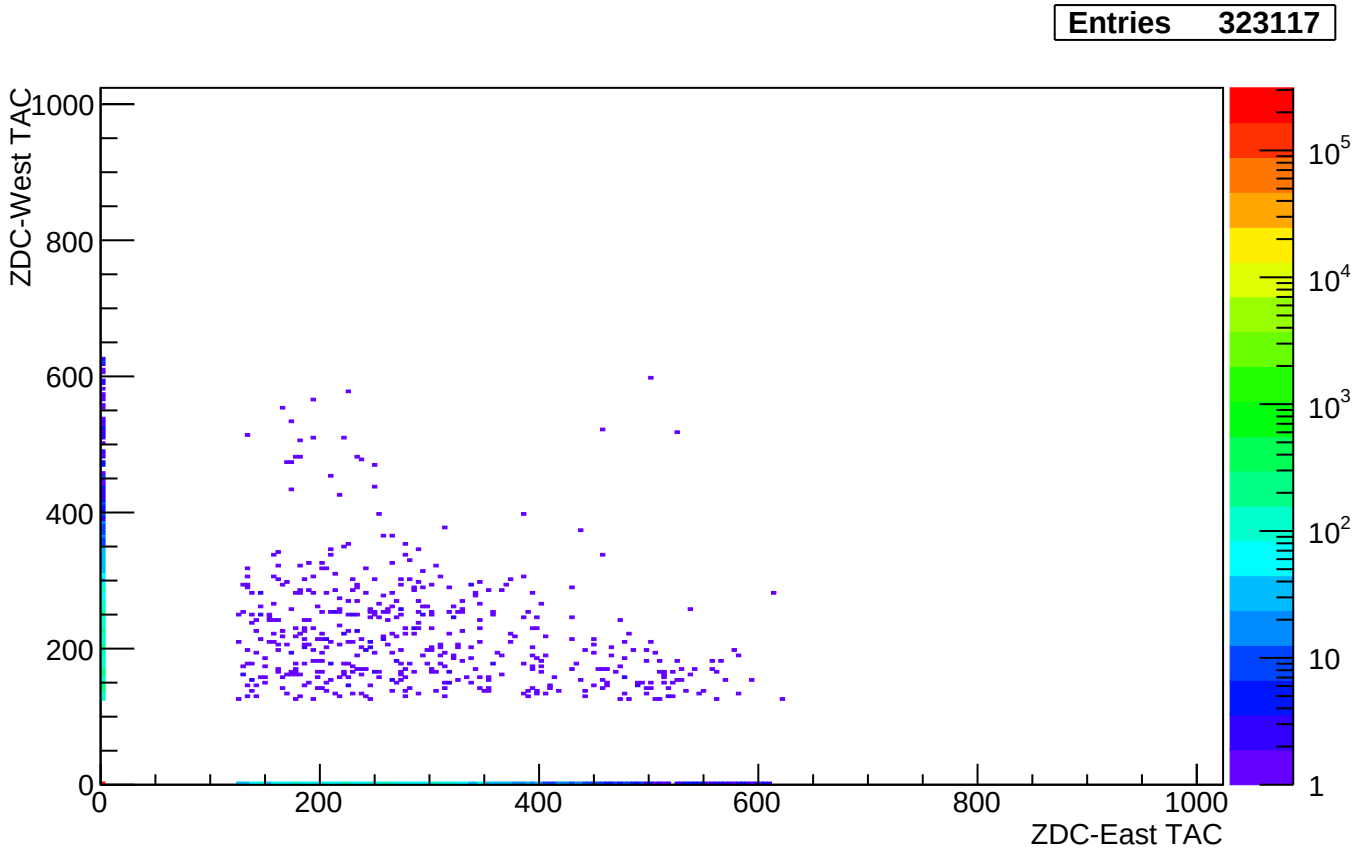

Entries 323117
TOF-Mult
VPD-East ADC Sum

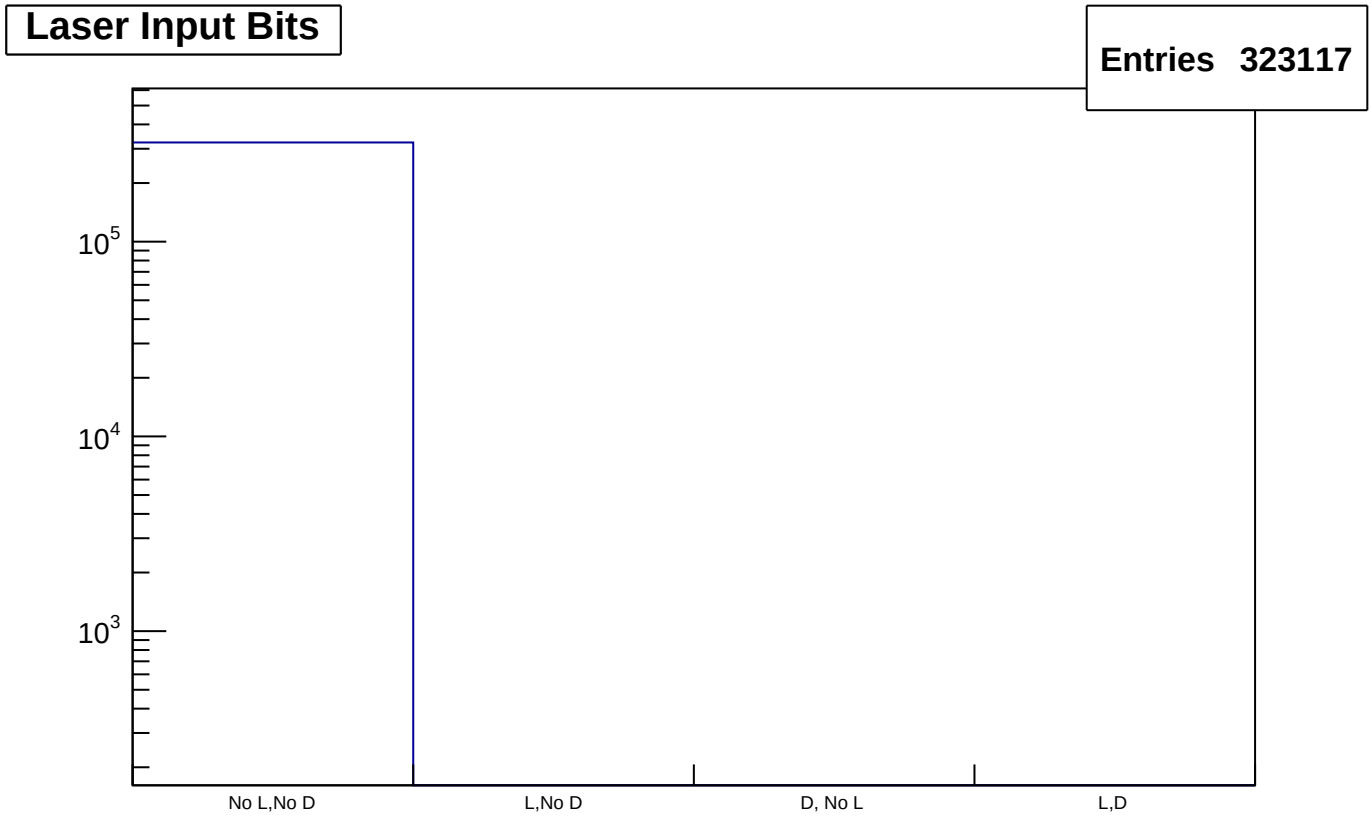

Entries 323117
TOF-Mult
VPD-West ADC Sum

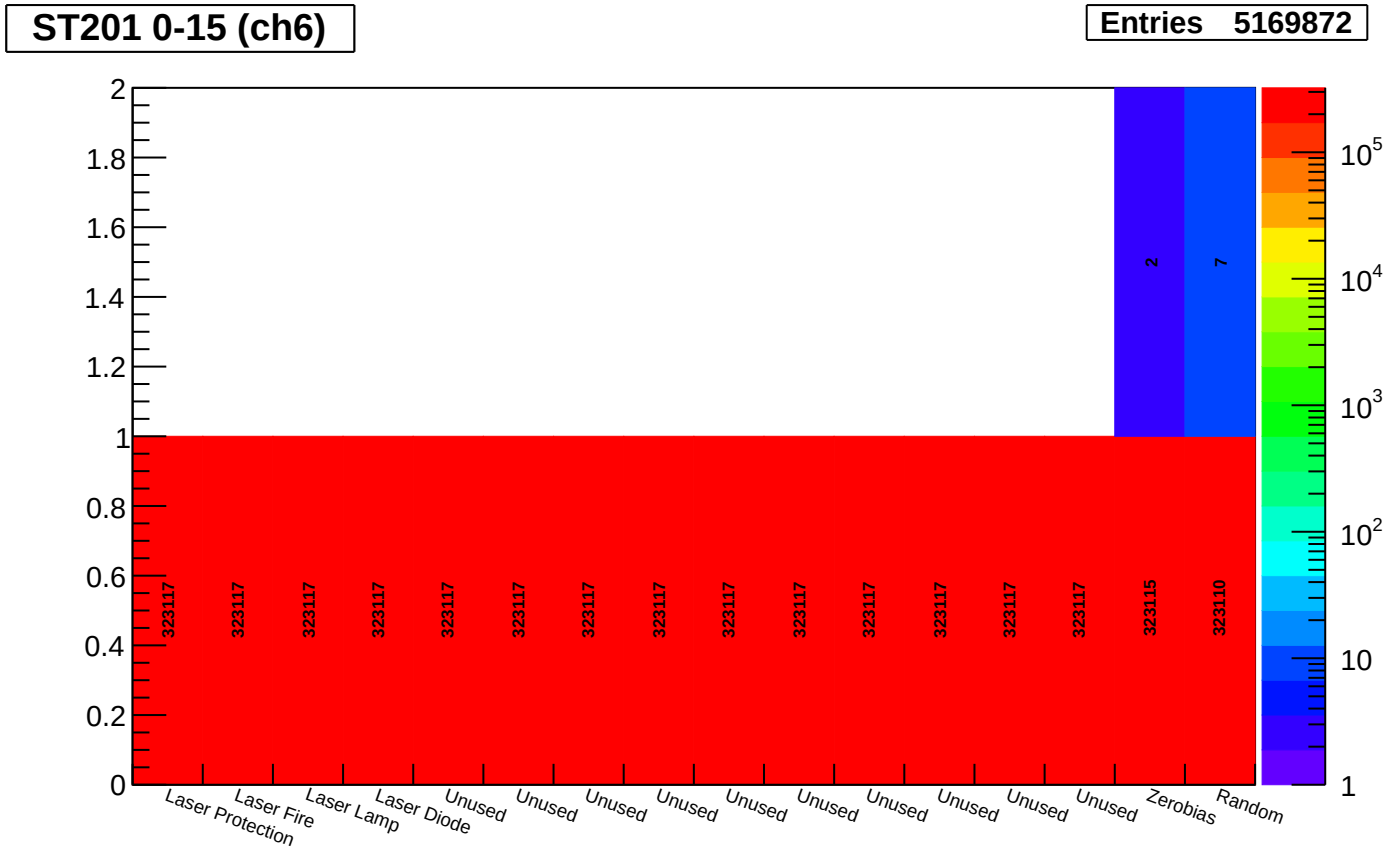

Entries 323117
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

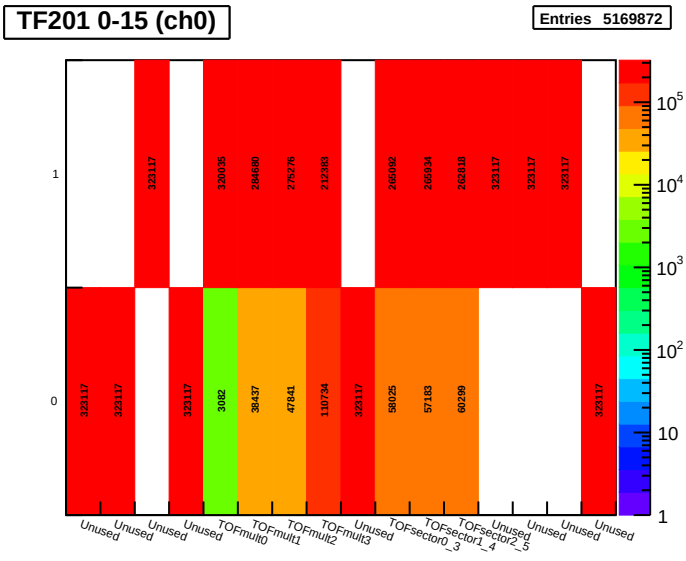

Entries 323117
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

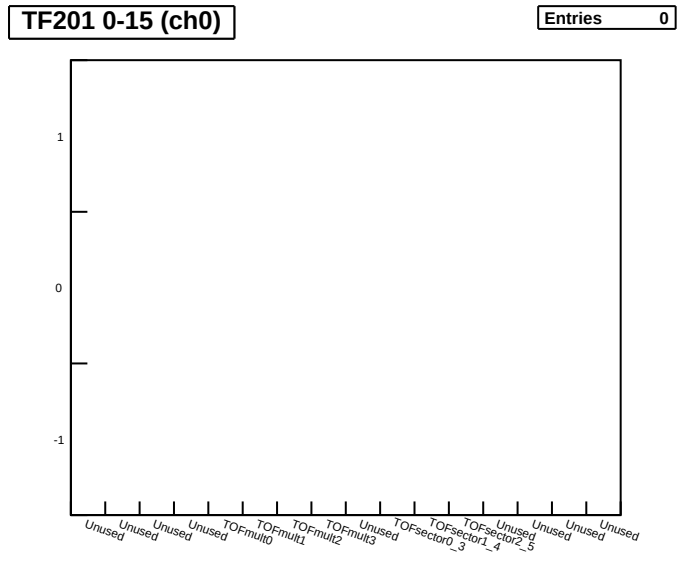

Entries 323117
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

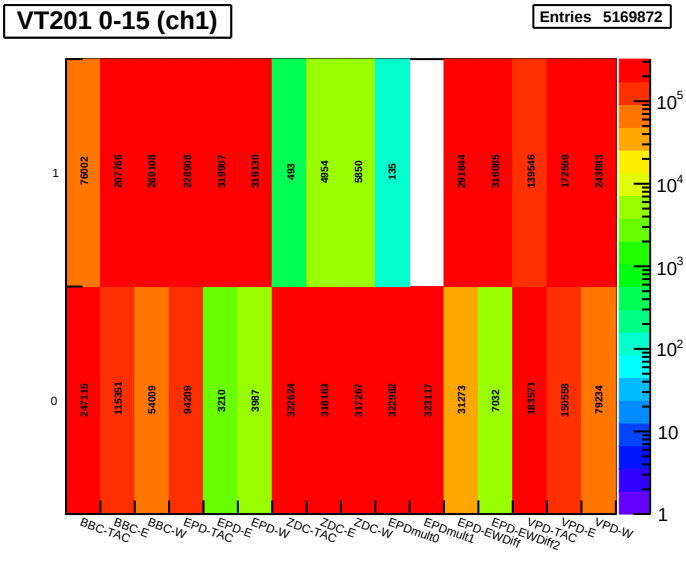

Entries 323117
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

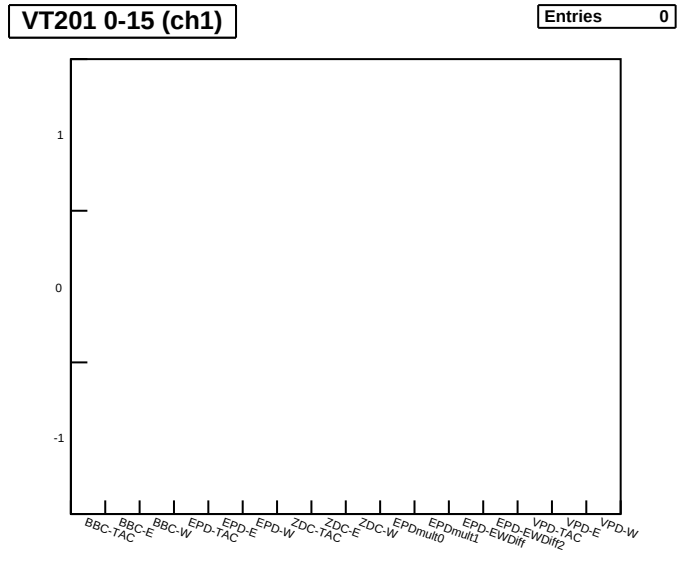

Laser Input Bits
Entries 323117
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

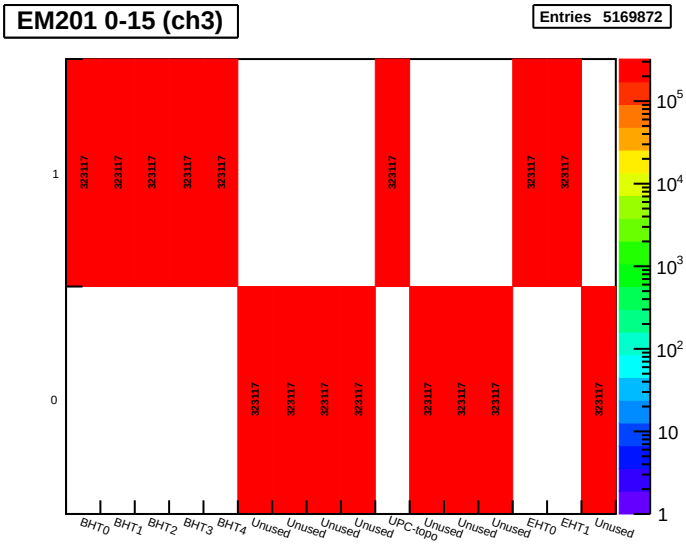

ST201 0-15 (ch6)
Entries 5169872
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
323117
323117
323117
323117
323117
323117
323117
323117
323117
323117
323117
323117
323117
323115
323110
2
7
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

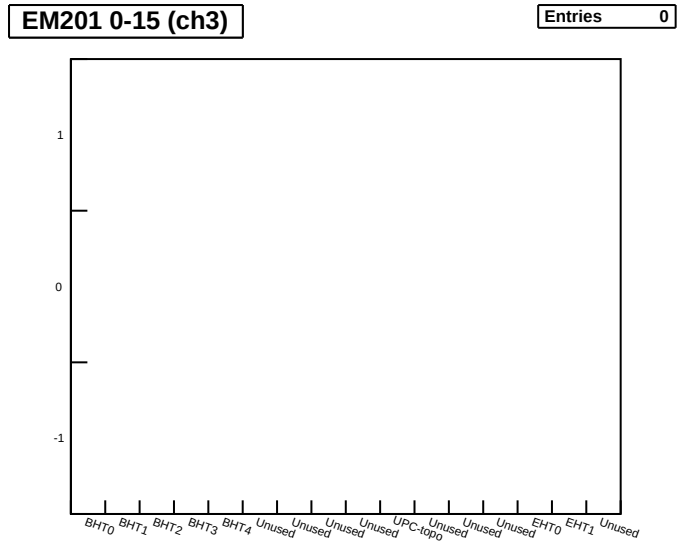

TF201 0-15 (ch0)
Entries 5169872
1
0
323117
320035
294680
275276
212383
265092
265934
263818
323117
323117
323117
323117
323117
323117
3082
38437
47841
110734
323117
58025
57183
60299
323117
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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 5169872
1
0
76002
207766
269108
228908
319907
319130
493
4954
5850
135
291844
316085
139546
172559
243883
247115
115351
54009
94209
3210
3987
322624
318163
317267
322982
323117
31273
7032
183571
150558
79234
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 5169872
1
0
323117
323117
323117
323117
323117
323117
323117
323117
323117
323117
323117
323117
323117
323117
323117
323117
323117
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