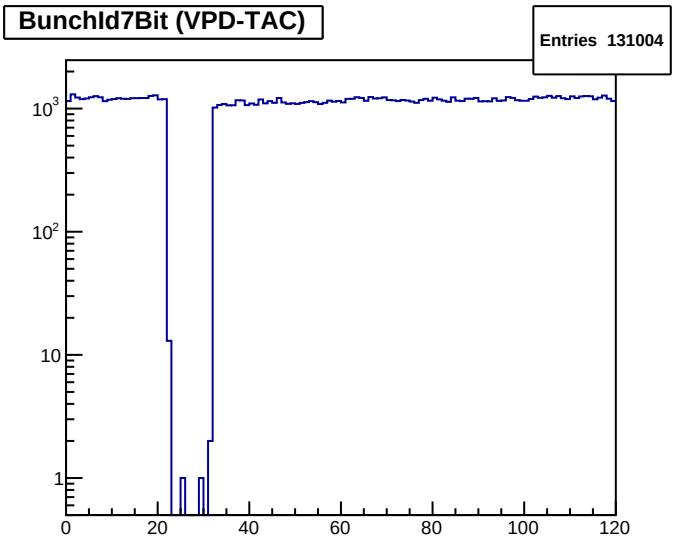
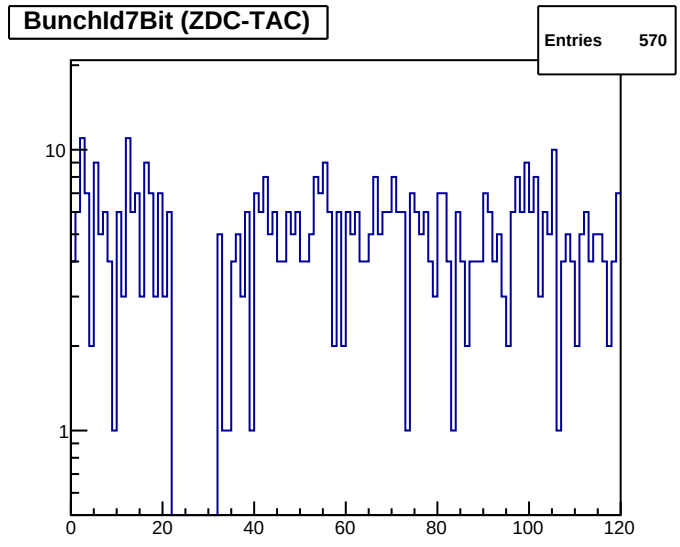
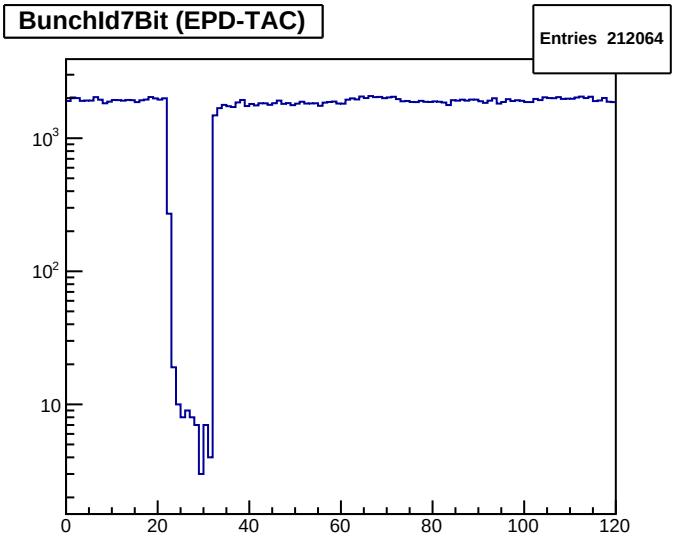
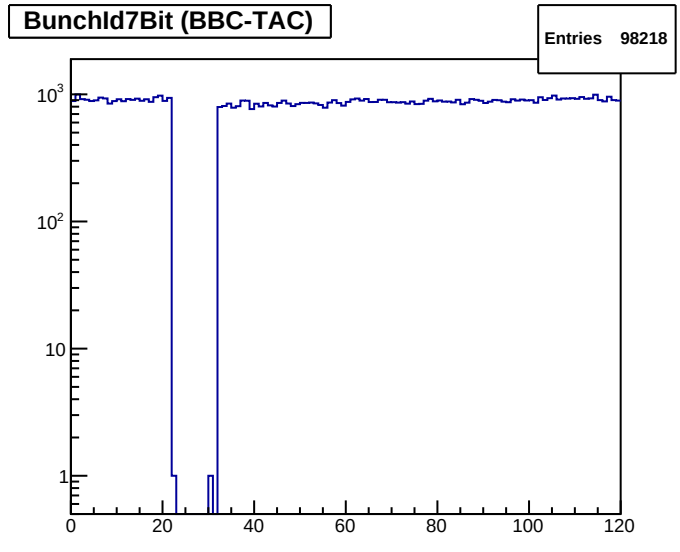
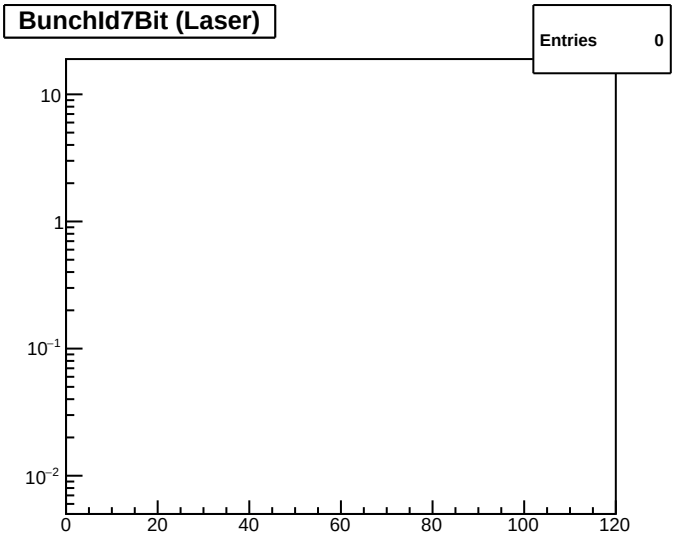
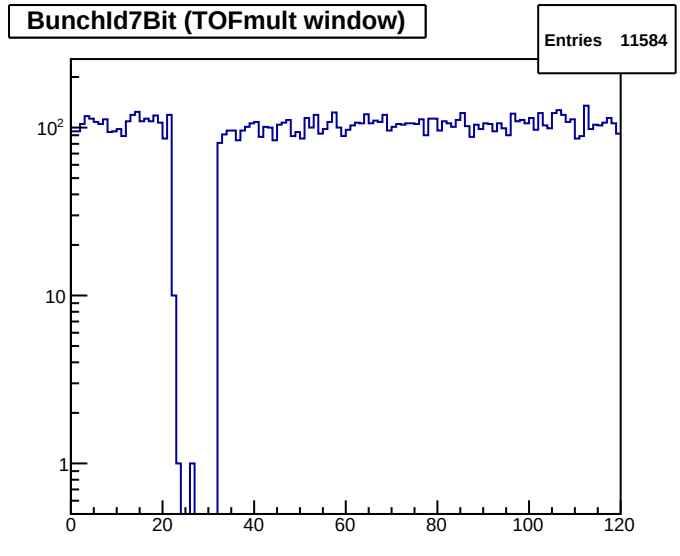

BunchId7Bit (VPD-TAC)
Entries 131004

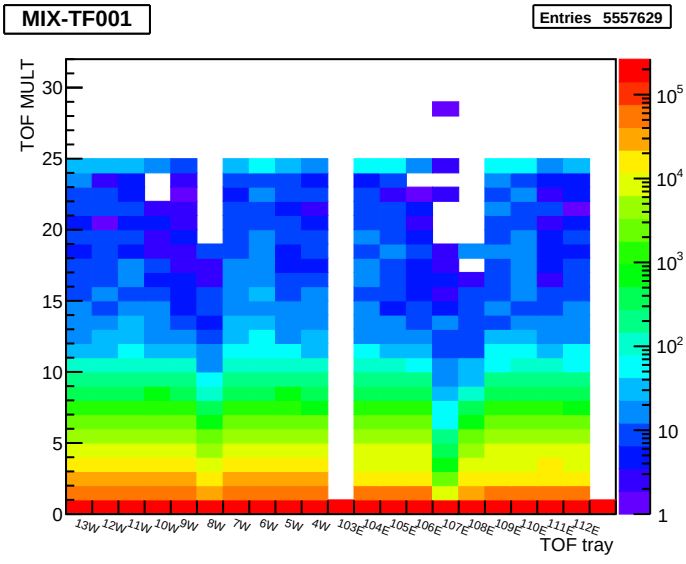

BunchId7Bit (ZDC-TAC)
Entries 570

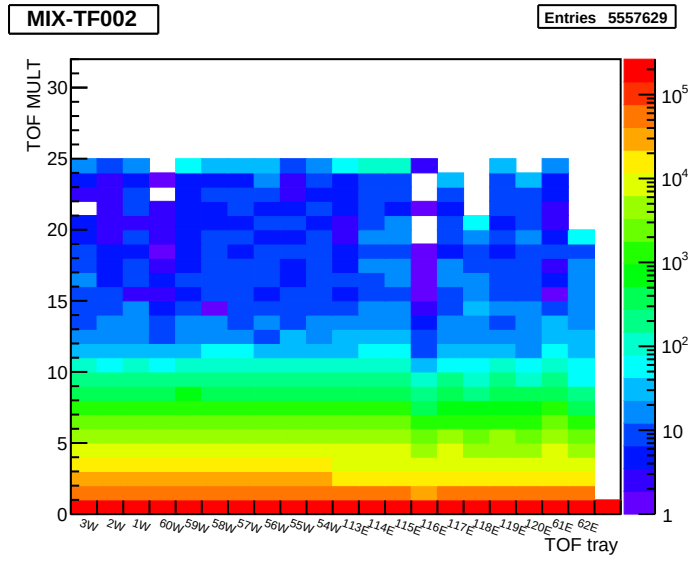

BunchId7Bit (EPD-TAC)
Entries 212064

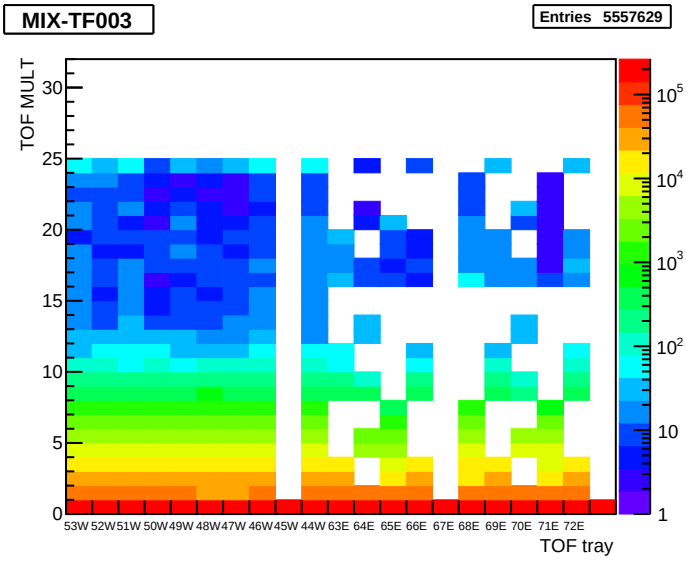

BunchId7Bit (BBC-TAC)
Entries 98218

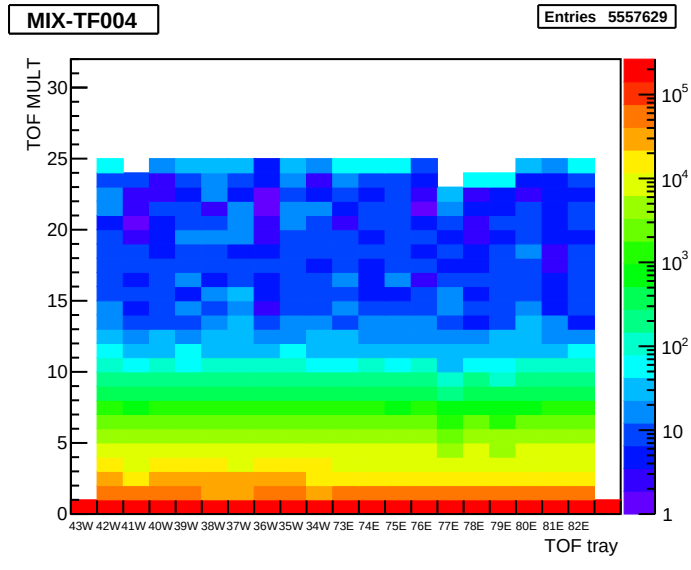

BunchId7Bit (Laser)
Entries 0

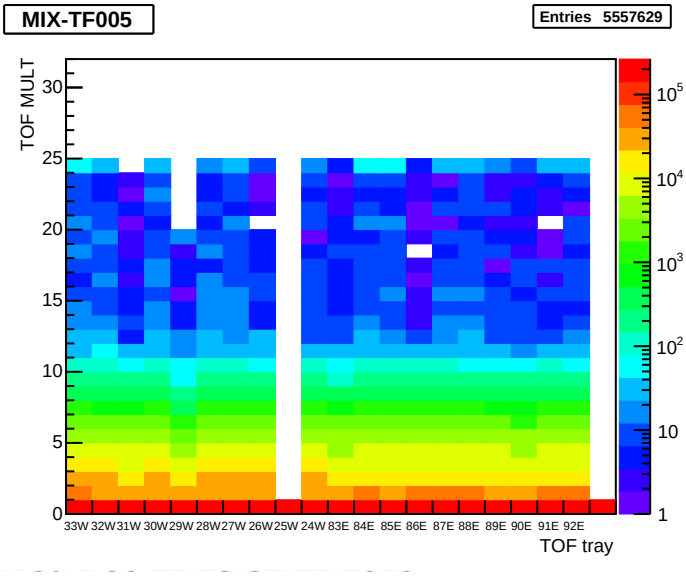

BunchId7Bit (TOFmult window)
Entries 11584

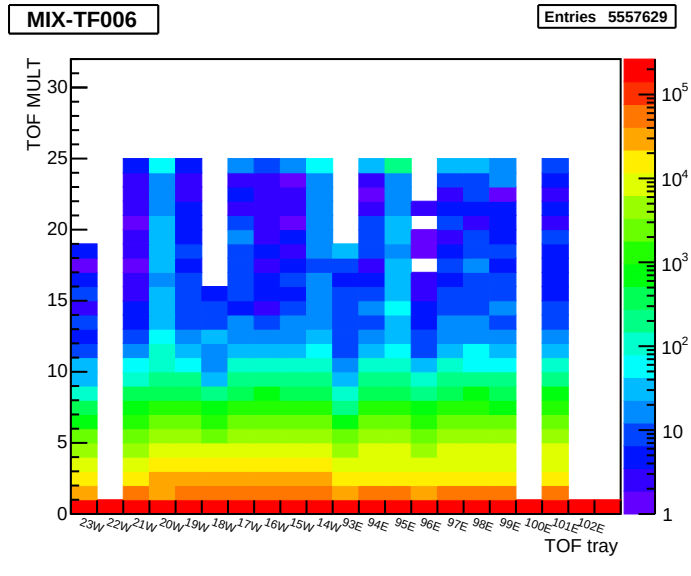

MIX-TF001
Entries 5557629
TOF MULT
TOF tray

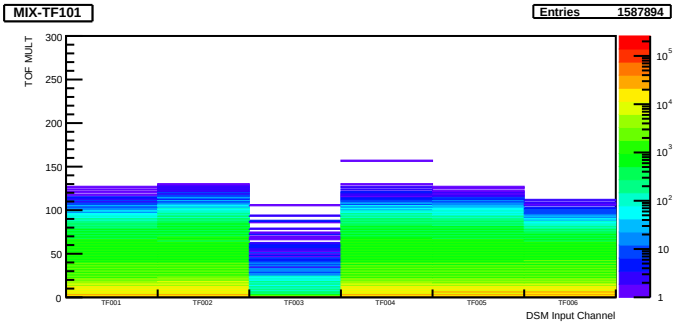

MIX-TF002
Entries 5557629
TOF MULT
TOF tray

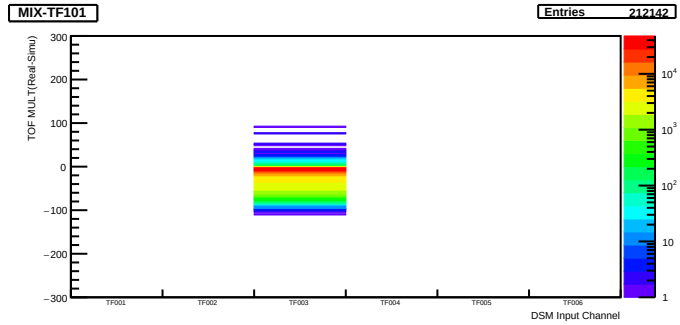

MIX-TF003
Entries 5557629
TOF MULT
TOF tray

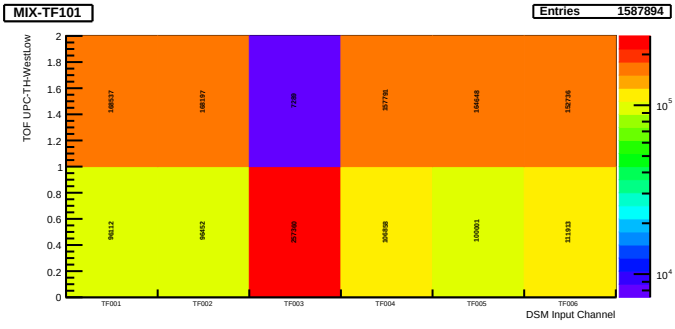

MIX-TF004
Entries 5557629
TOF MULT
TOF tray

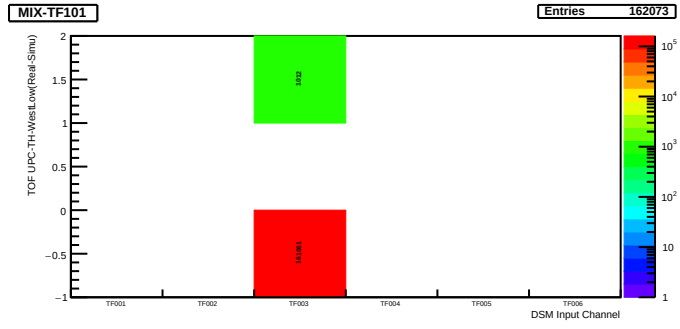

MIX-TF005
Entries 5557629
TOF MULT
TOF tray

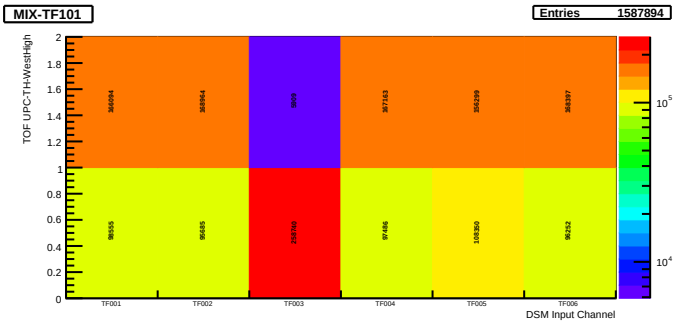

MIX-TF006
Entries 5557629
TOF MULT
TOF tray

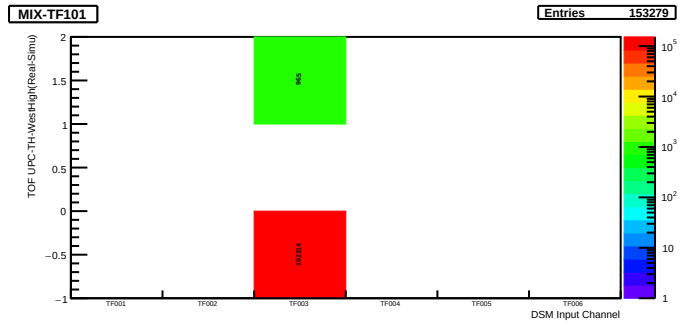

MIX-TF101
Entries 1587894
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

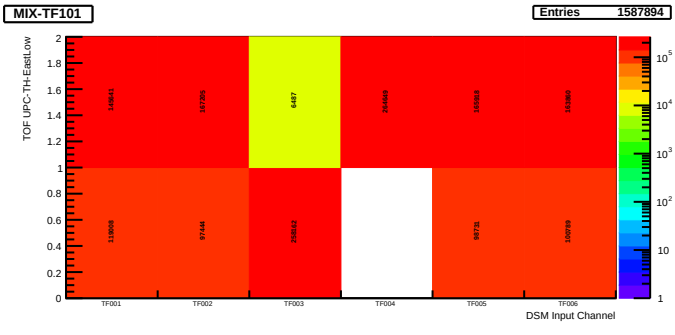

MIX-TF101
Entries 212142
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

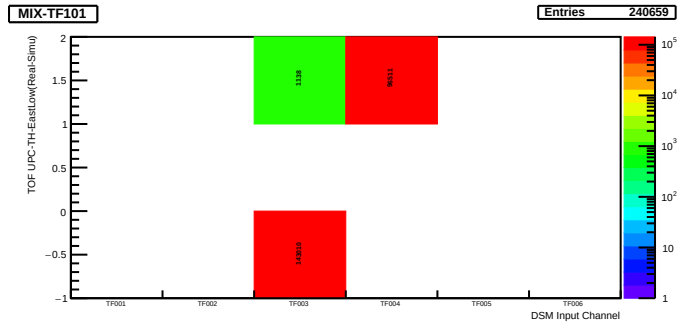

MIX-TF101
Entries 1587894
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

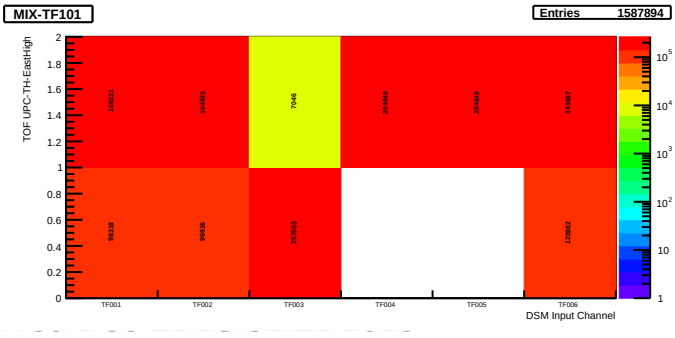

MIX-TF101
Entries 162073
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

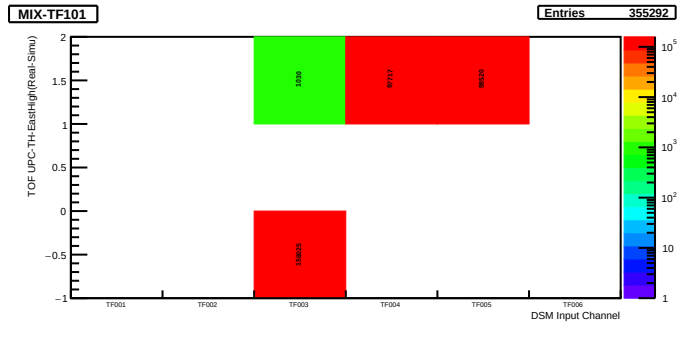

MIX-TF101
Entries 1587894
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

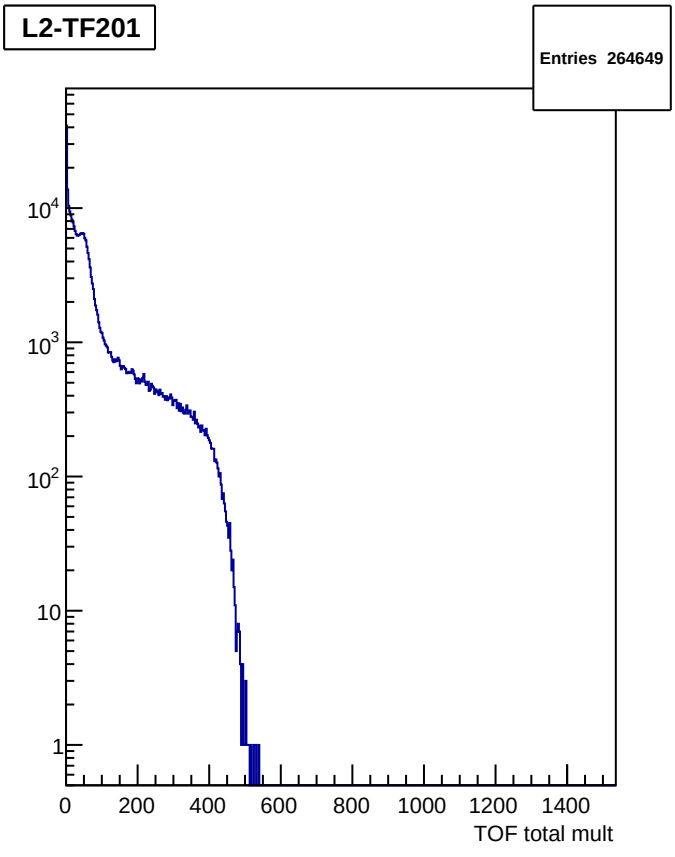

MIX-TF101
Entries 153279
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

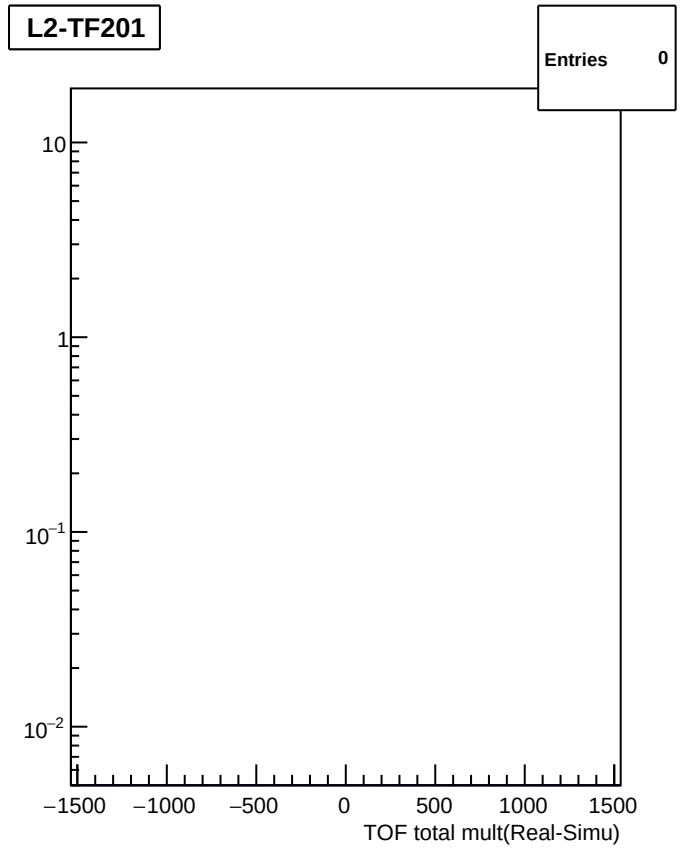

MIX-TF101
Entries 1587894
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

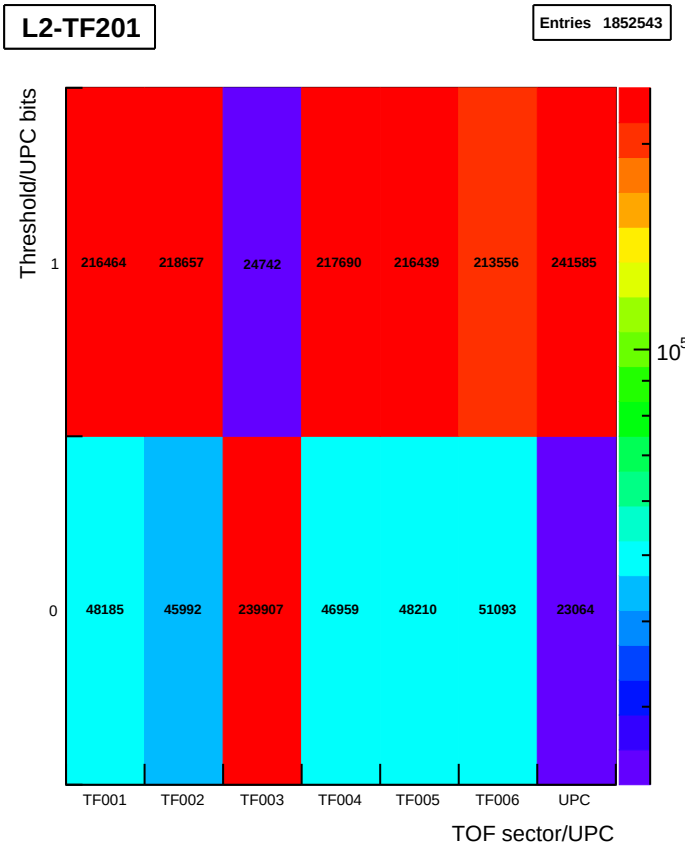

MIX-TF101
Entries 240659
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

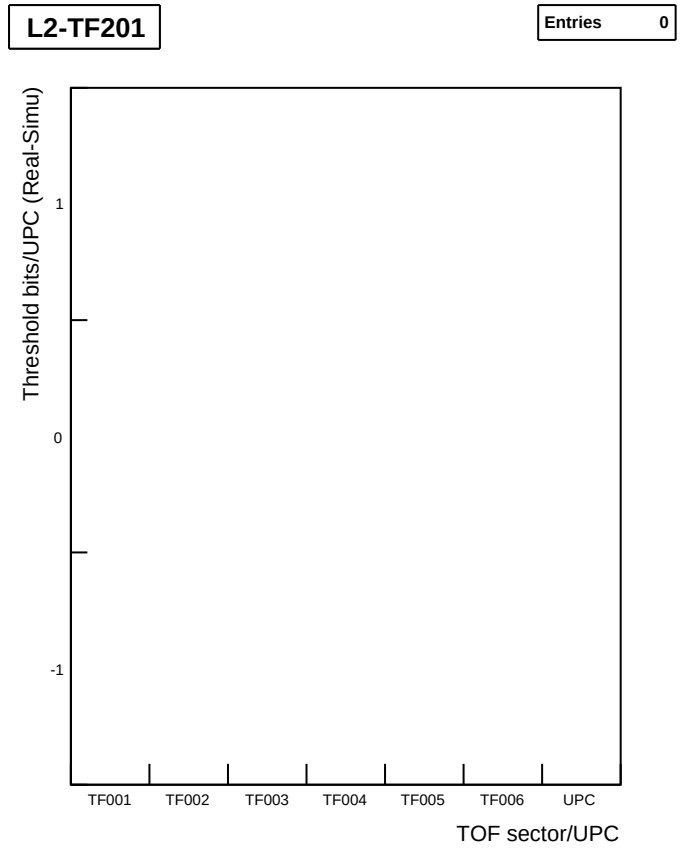

MIX-TF101
Entries 1587894
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

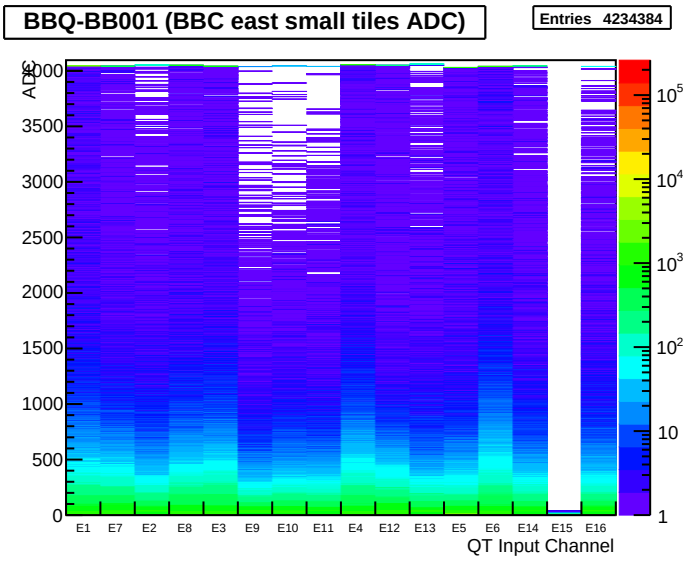

MIX-TF101
Entries 355292
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

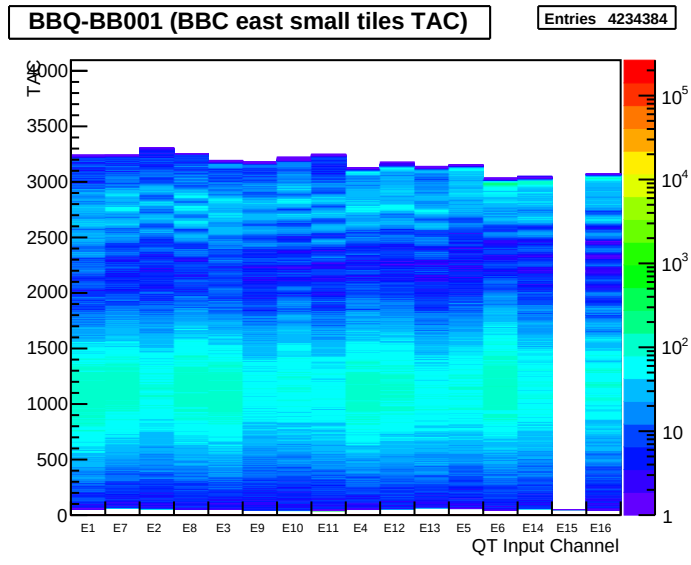

L2-TF201
Entries 264649
TOF total mult

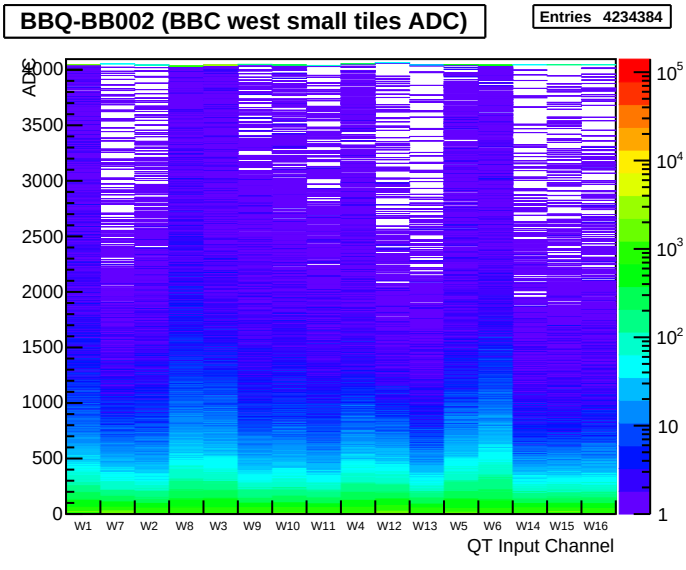

L2-TF201
Entries 0
TOF total mult(Real-Simu)

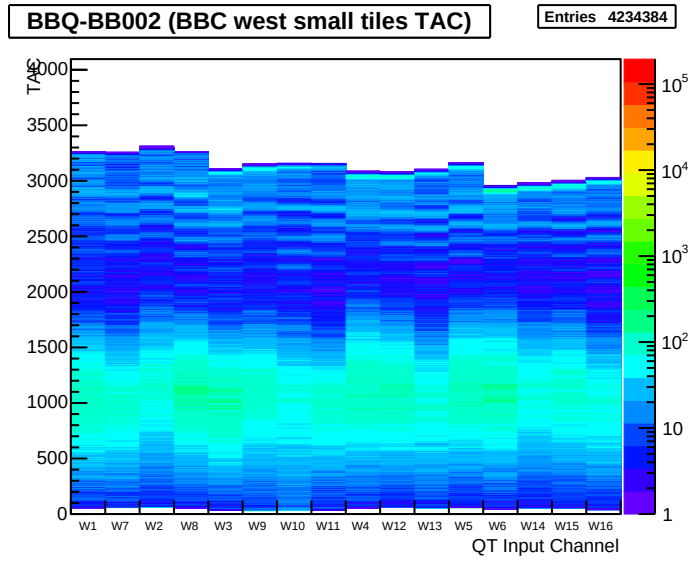

L2-TF201
Entries 1852543
Threshold/UPC bits
216464
218657
24742
217690
216439
213556
241585
48185
45992
239907
46959
48210
51093
23064
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

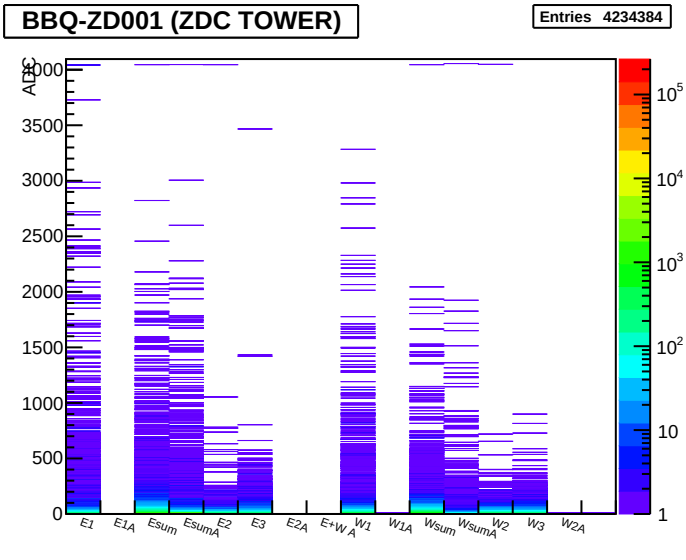

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

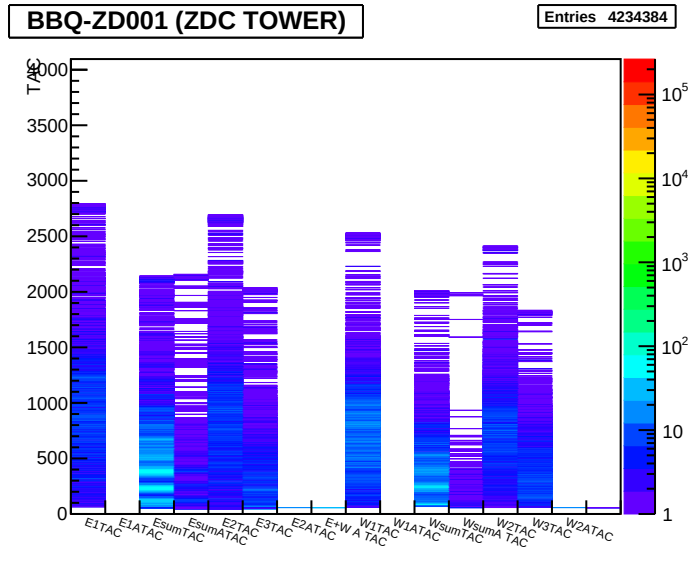

BBQ-BB001 (BBC east small tiles ADC)
Entries 4234384
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

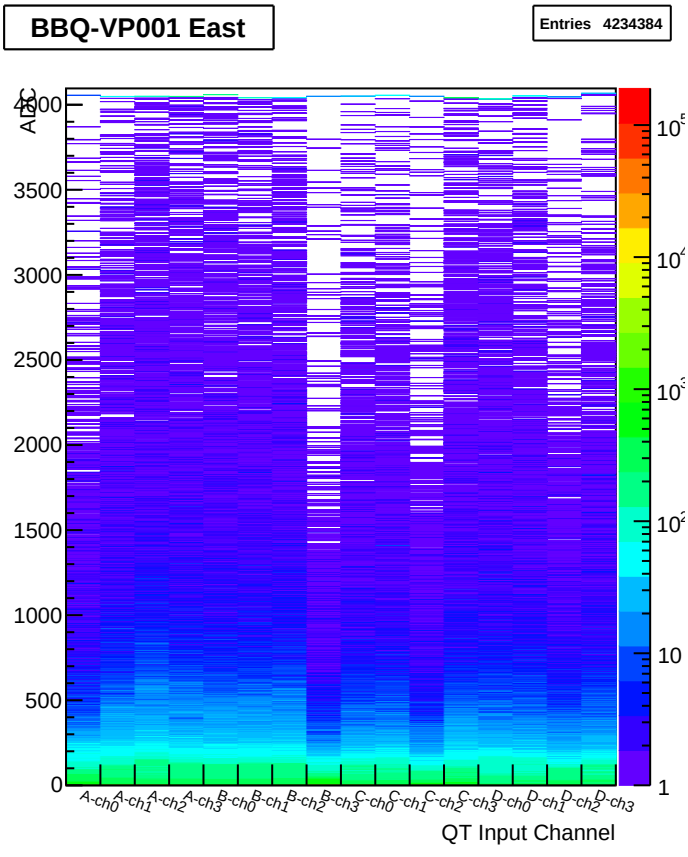

BBQ-BB001 (BBC east small tiles TAC)
Entries 4234384
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

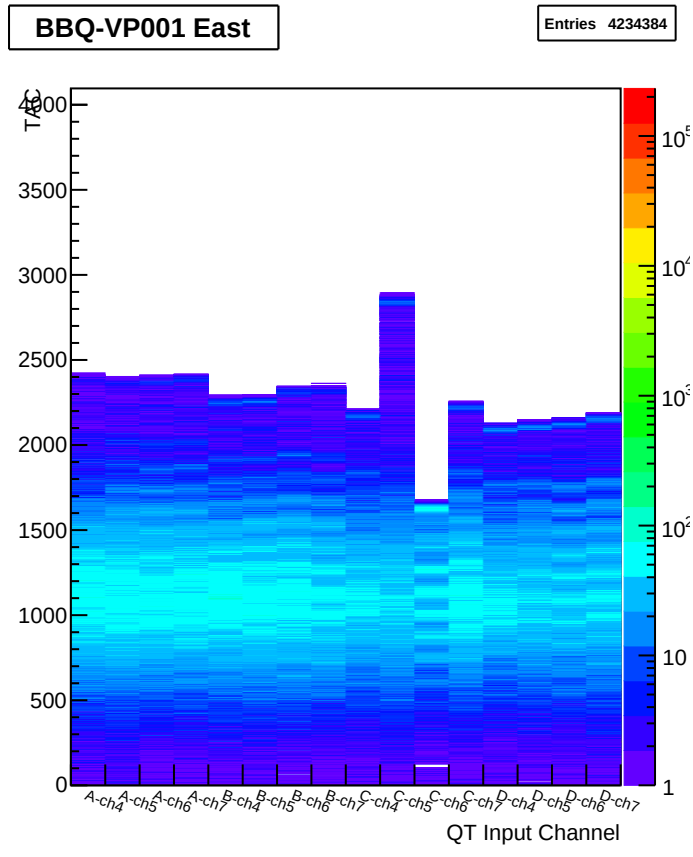

BBQ-BB002 (BBC west small tiles ADC)
Entries 4234384
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

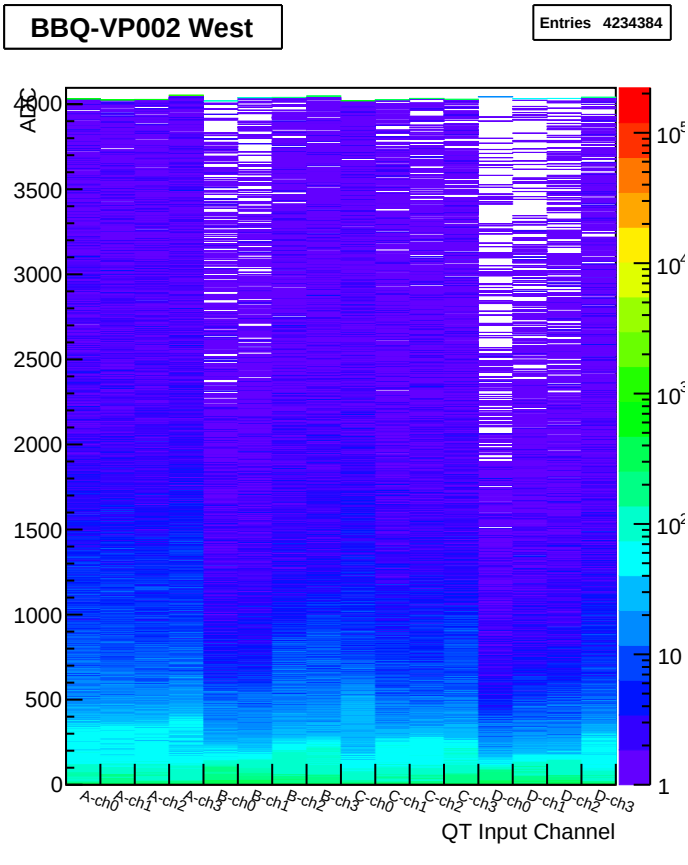

BBQ-BB002 (BBC west small tiles TAC)
Entries 4234384
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

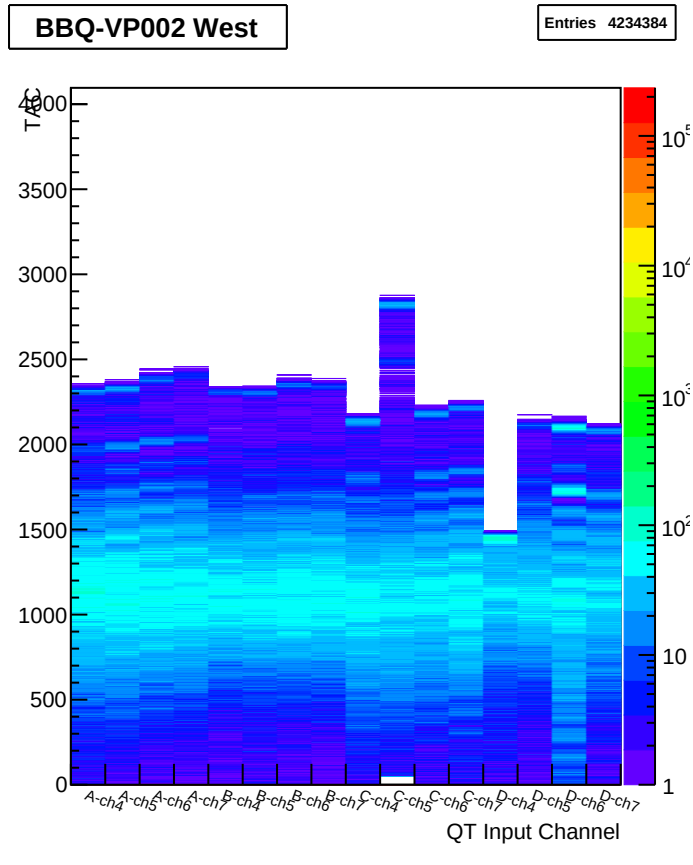

BBQ-ZD001 (ZDC TOWER)
Entries 4234384
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

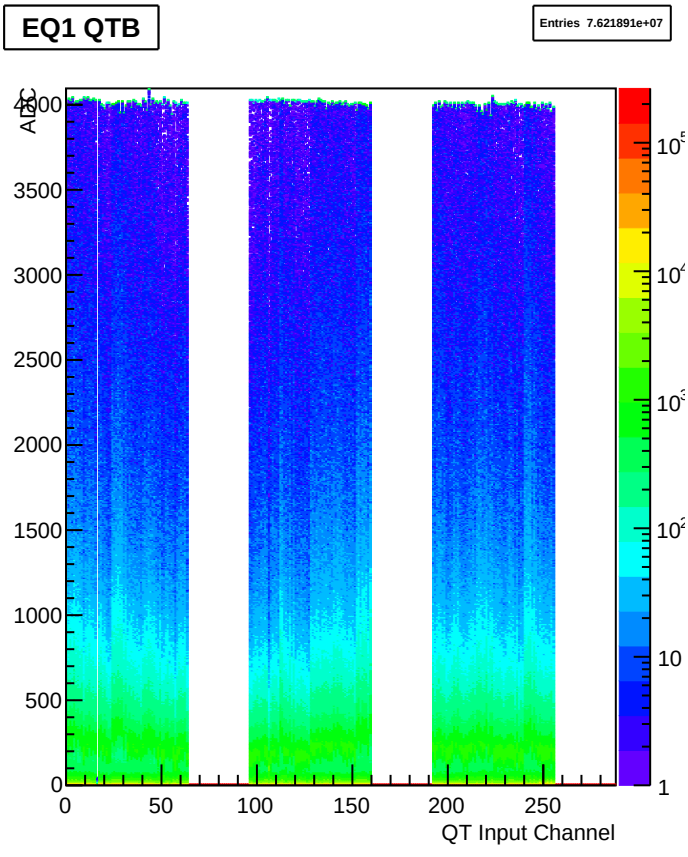

BBQ-ZD001 (ZDC TOWER)
Entries 4234384
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

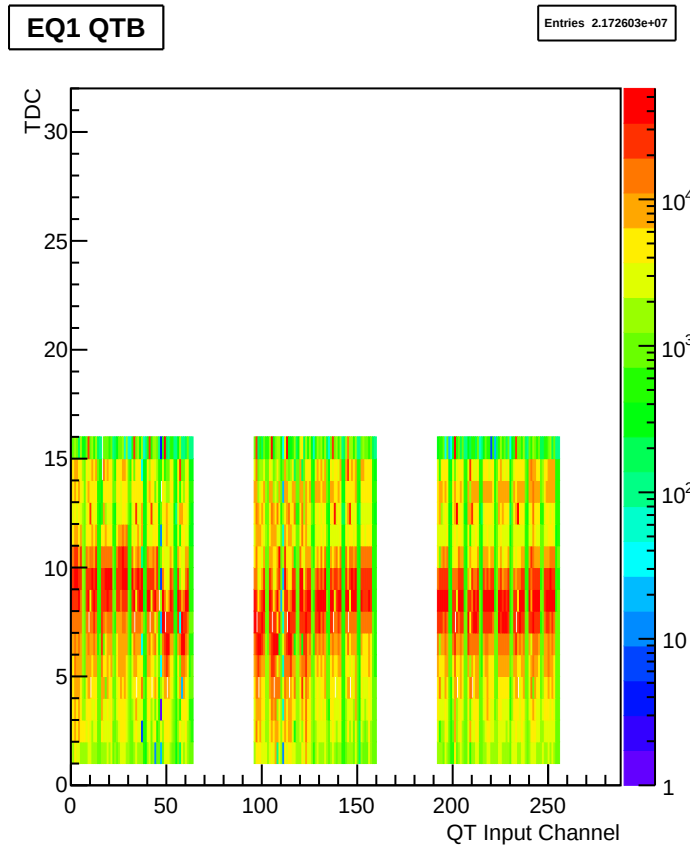

BBQ-VP001 East
Entries 4234384
ADC
QT Input Channel

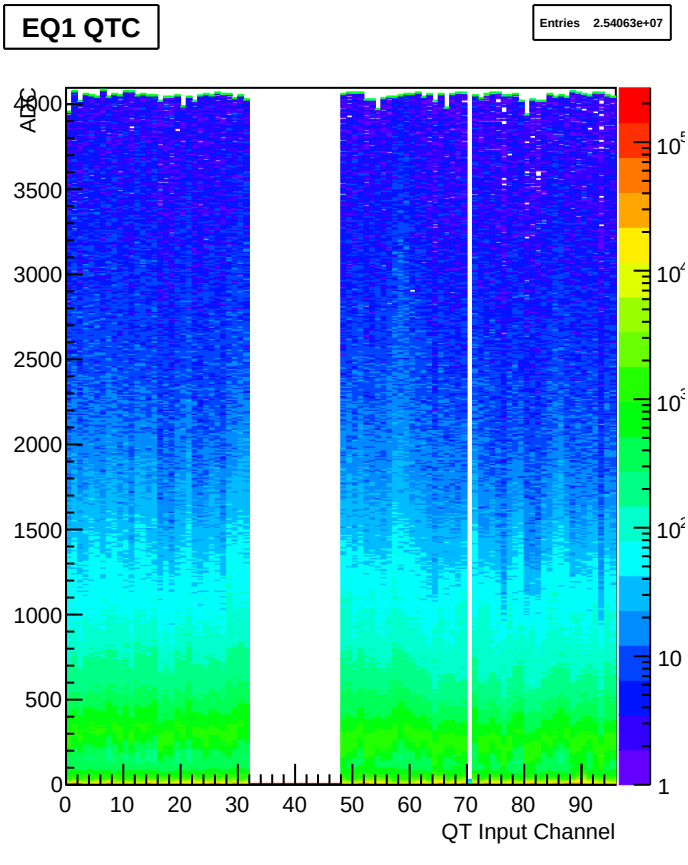

BBQ-VP001 East
Entries 4234384
TADC
QT Input Channel

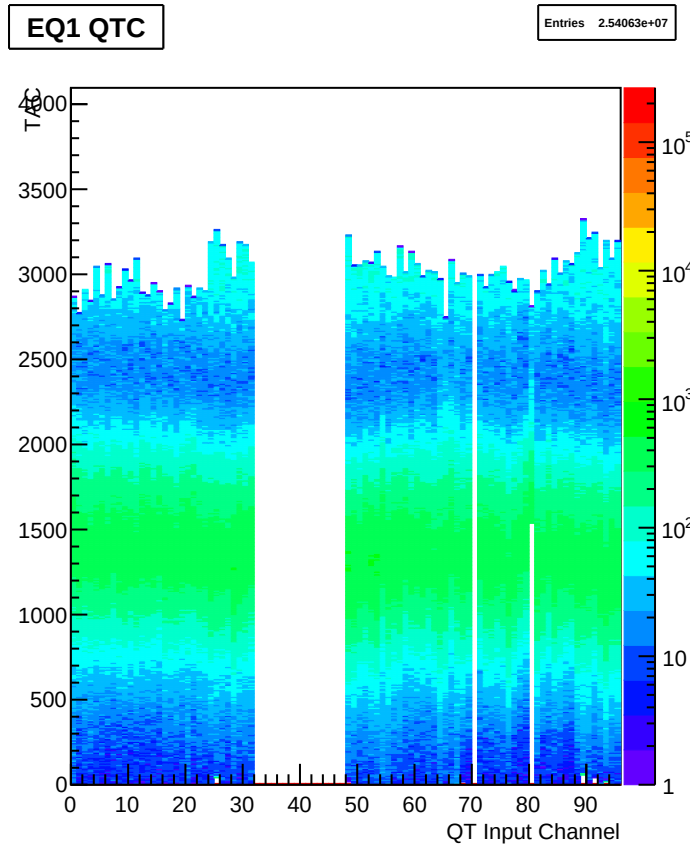

BBQ-VP002 West
Entries 4234384
ADC
QT Input Channel

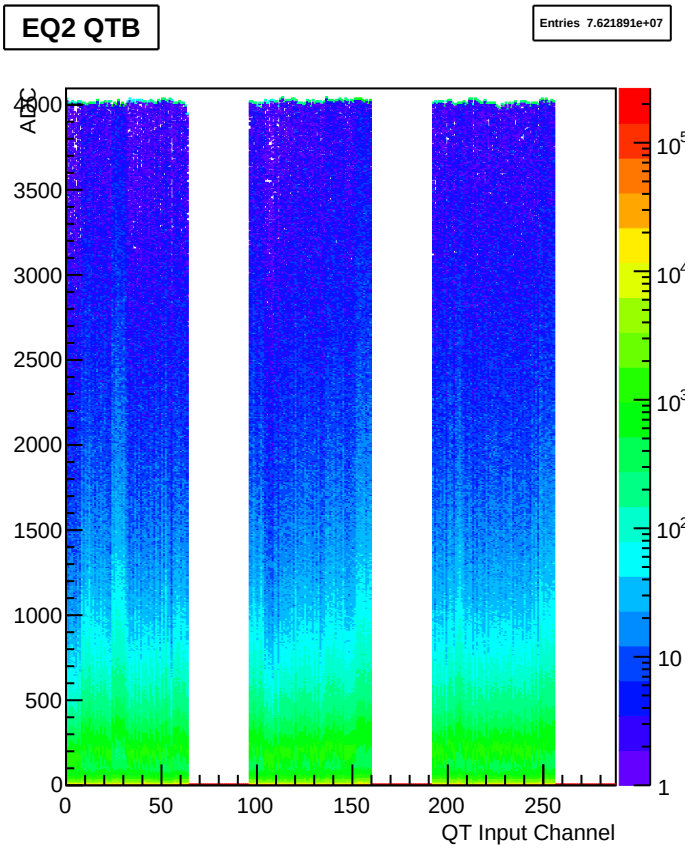

BBQ-VP002 West
Entries 4234384
TADC
QT Input Channel

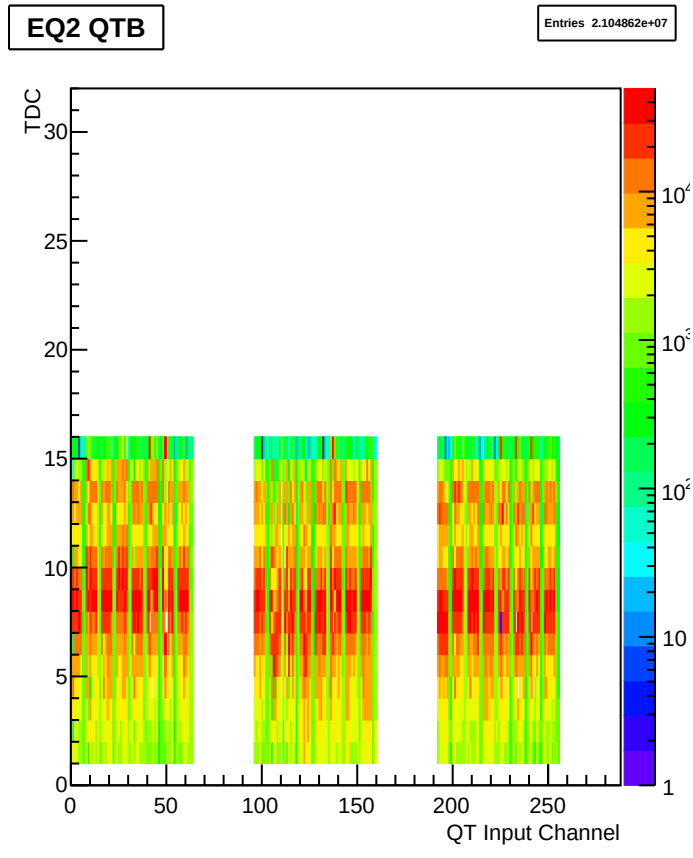

EQ1 QTB
Entries 7.621891e+07
ADC
QT Input Channel

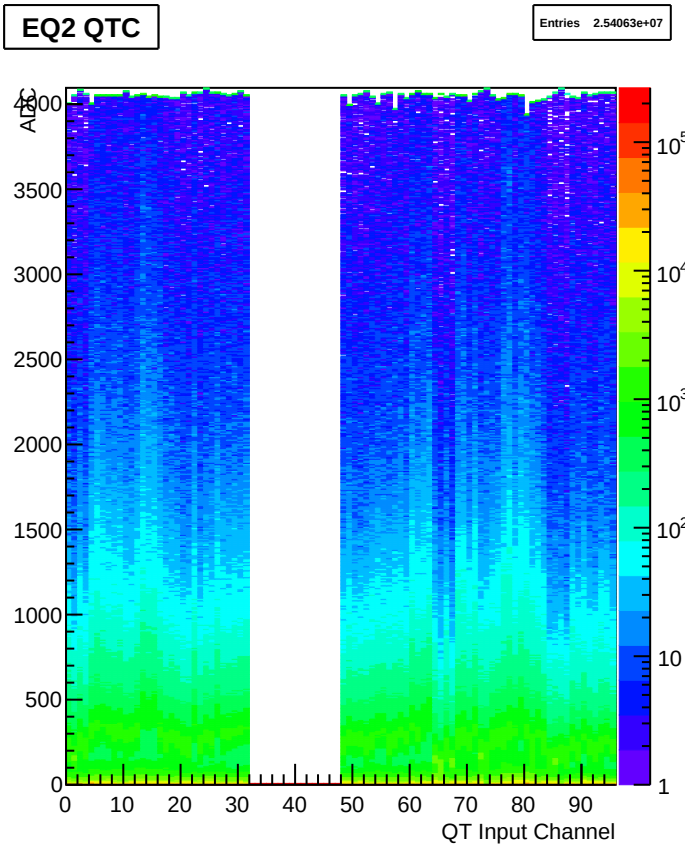

EQ1 QTB
Entries 2.172603e+07
TDC
QT Input Channel

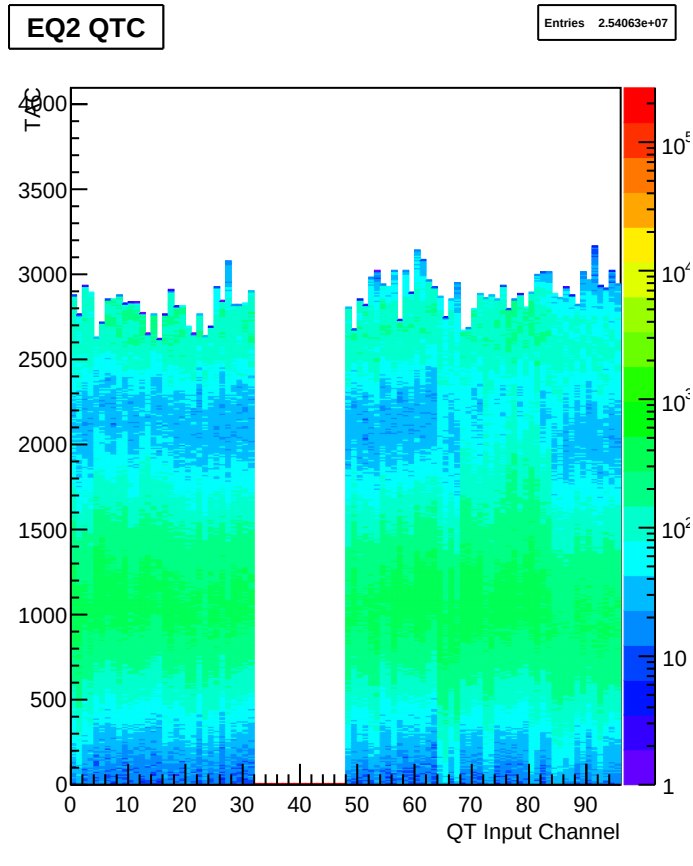

EQ1 QTC
Entries 2.54063e+07
ADC
QT Input Channel

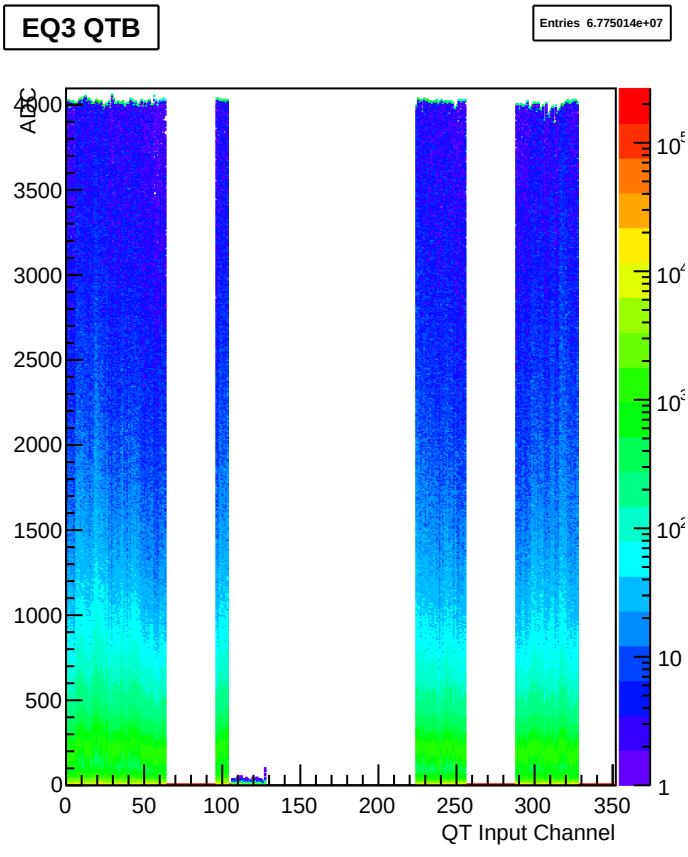

EQ1 QTC
Entries 2.54063e+07
TADC
QT Input Channel

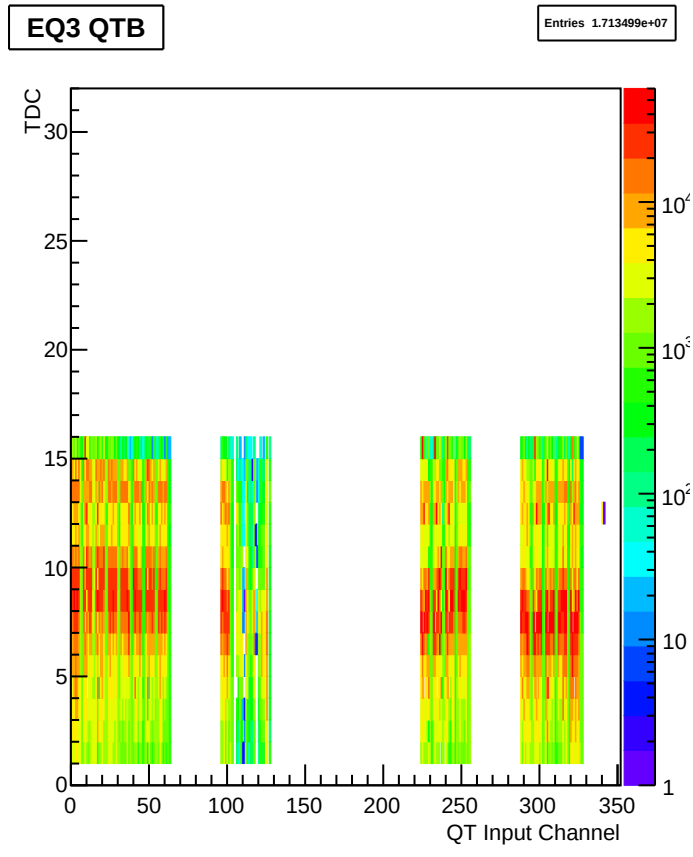

EQ2 QTB
Entries 7.621891e+07
ADC
QT Input Channel

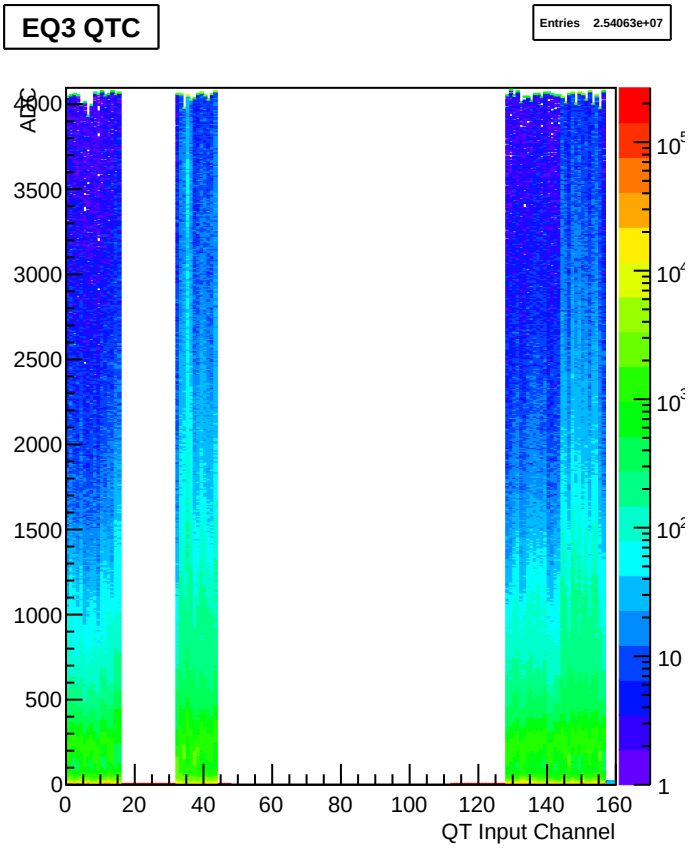

EQ2 QTB
Entries 2.104862e+07
TDC
QT Input Channel

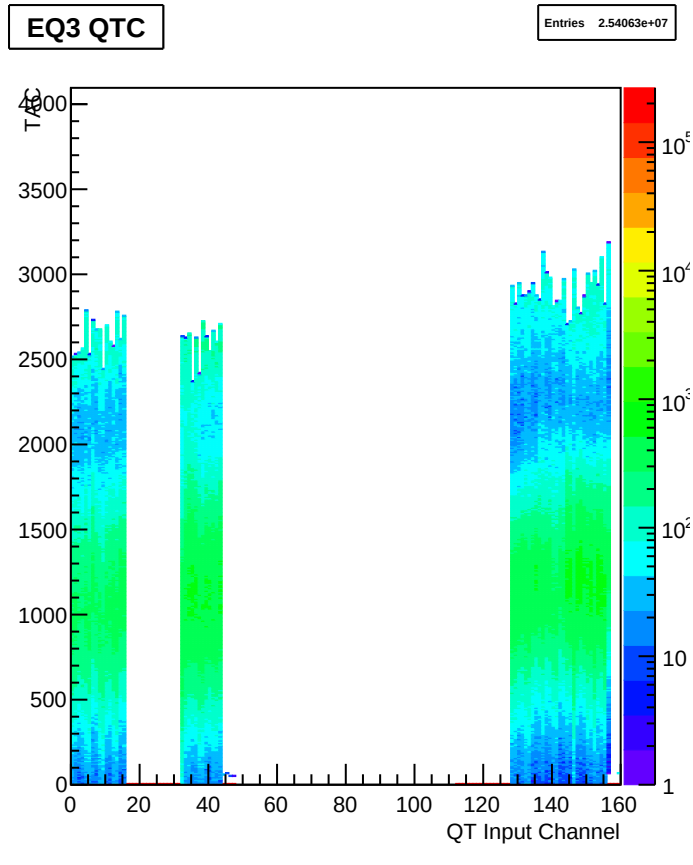

EQ2 QTC
Entries 2.54063e+07
ADC
QT Input Channel

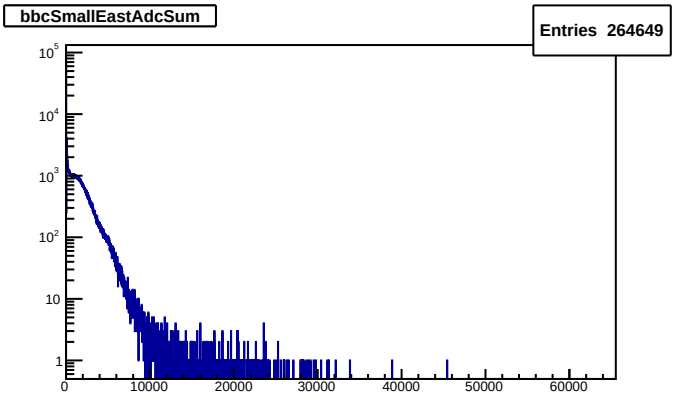

EQ2 QTC
Entries 2.54063e+07
TADC
QT Input Channel

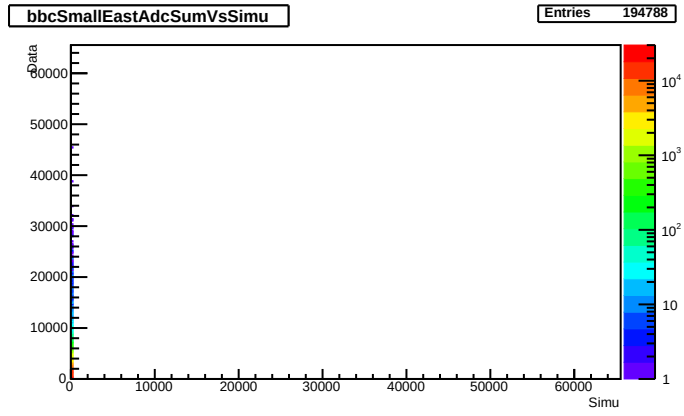

EQ3 QTB
Entries 6.775014e+07
ADC
QT Input Channel

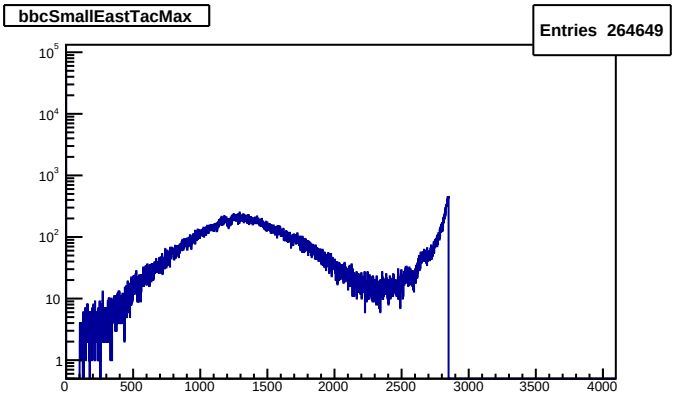

EQ3 QTB
Entries 1.713499e+07
TDC
QT Input Channel

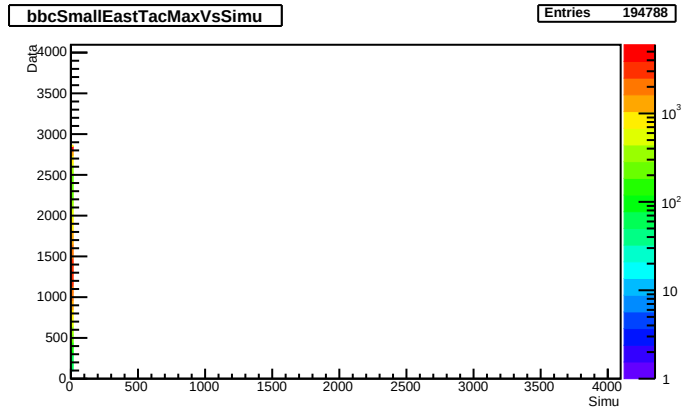

EQ3 QTC
Entries 2.54063e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.54063e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 264649


bbcSmallEastAdcSumVsSimu
Entries 194788
Data
Simu


bbcSmallEastTacMax
Entries 264649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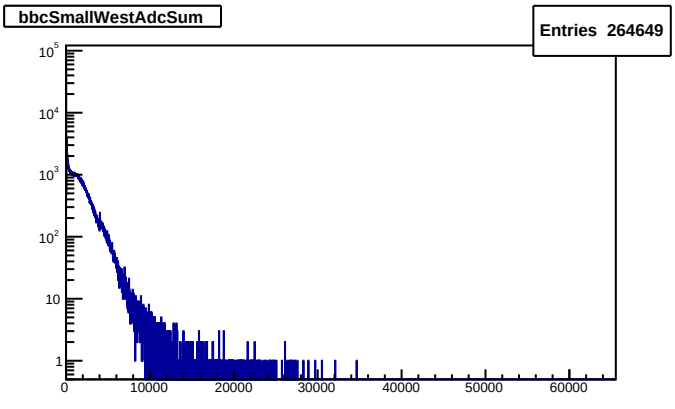
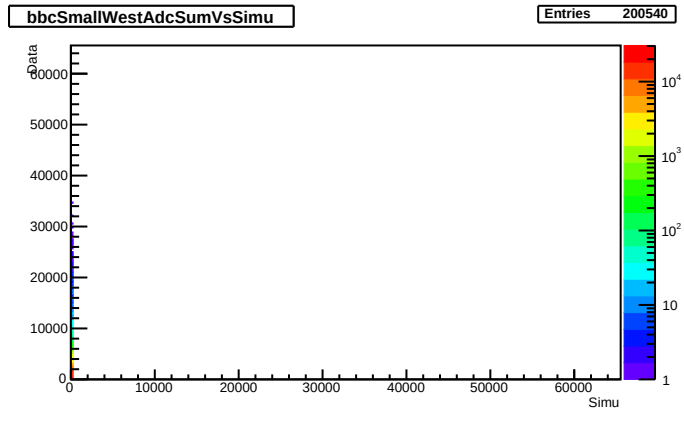
Entries 194788
Data
Simu


bbcSmallWestAdcSum
Entries 264649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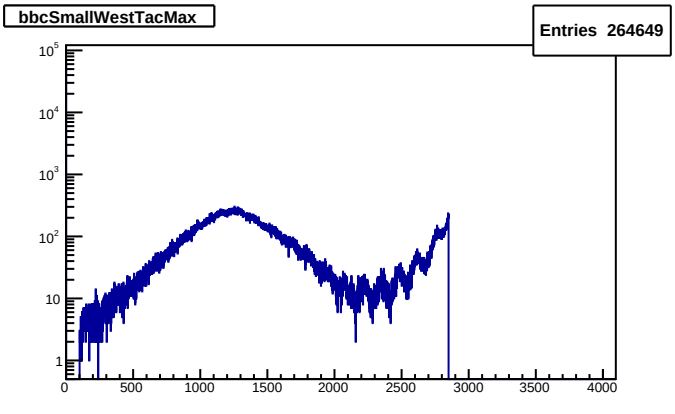
Entries 200540
Data
Simu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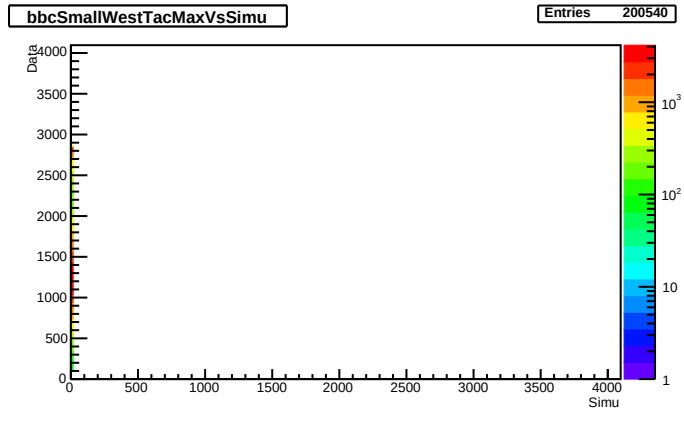
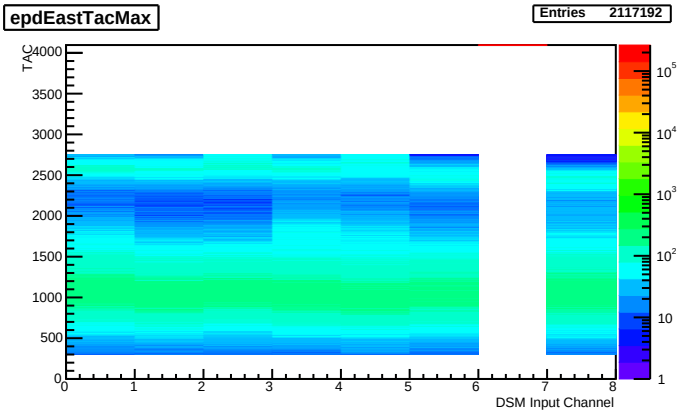
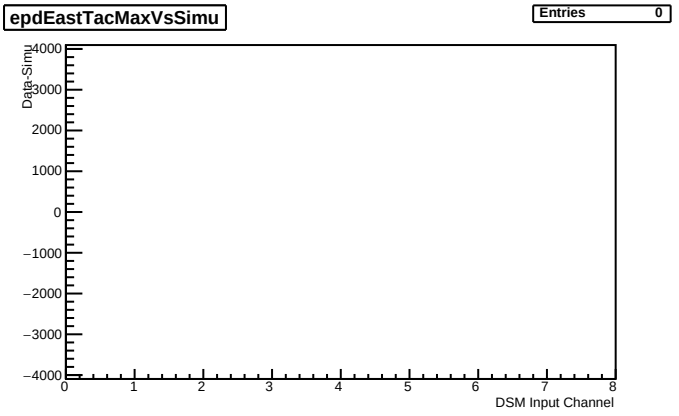
Entries 264649


bbcSmallWestTacMaxVsSimu
Entries 200540
Data
Simu


epdEastTacMax
Entries 2117192
TAC
DSM Input Channel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Entries 0
Data-Simu
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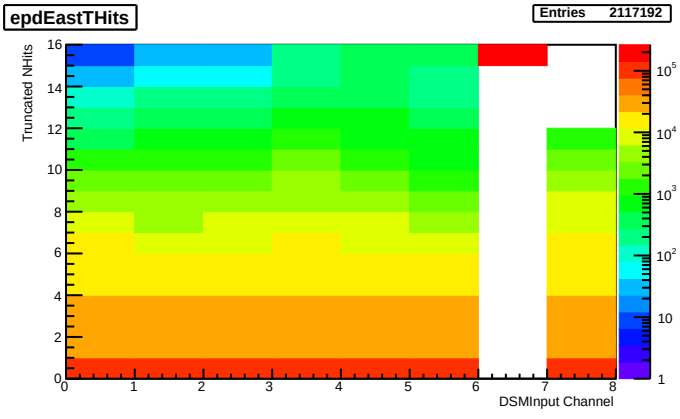
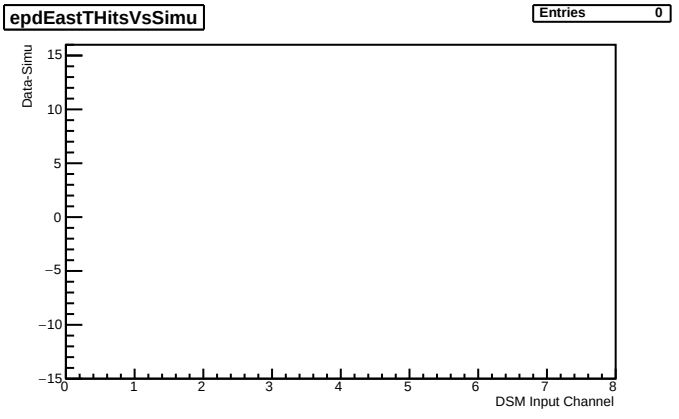

epdEastTHits
Entries 2117192
Truncated NHits
DSMInput Channel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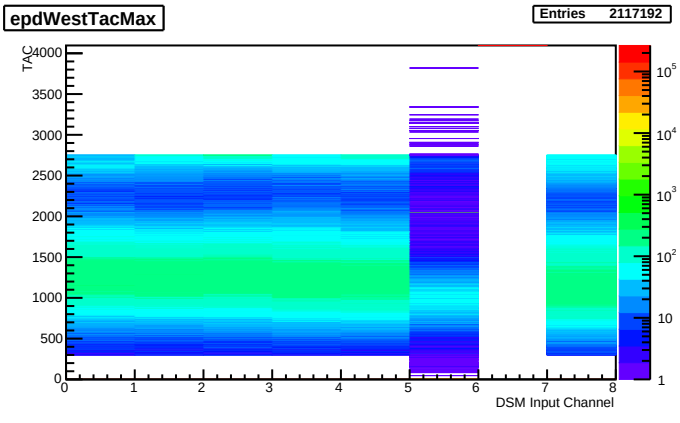
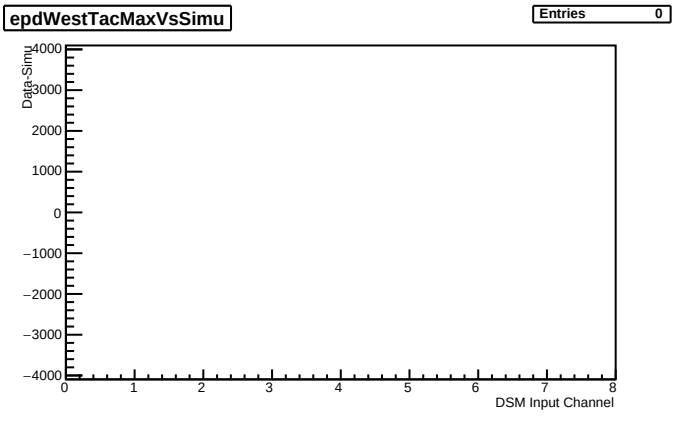
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2117192
TAC
DSM Input Channel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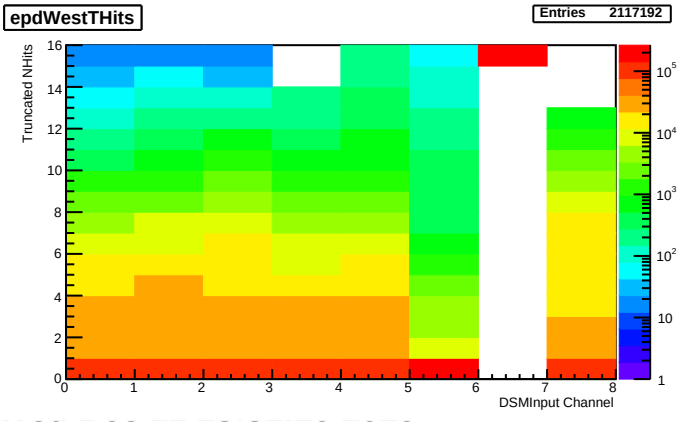
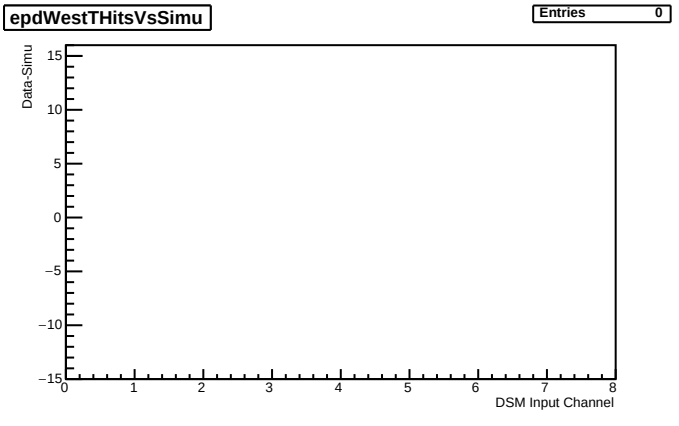
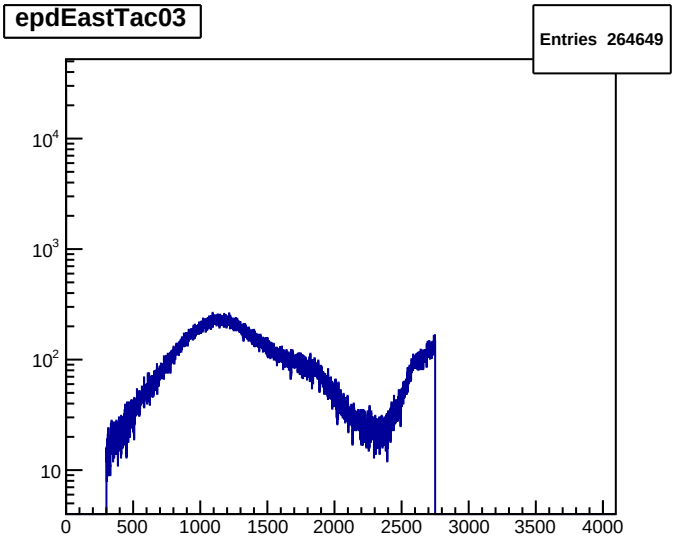
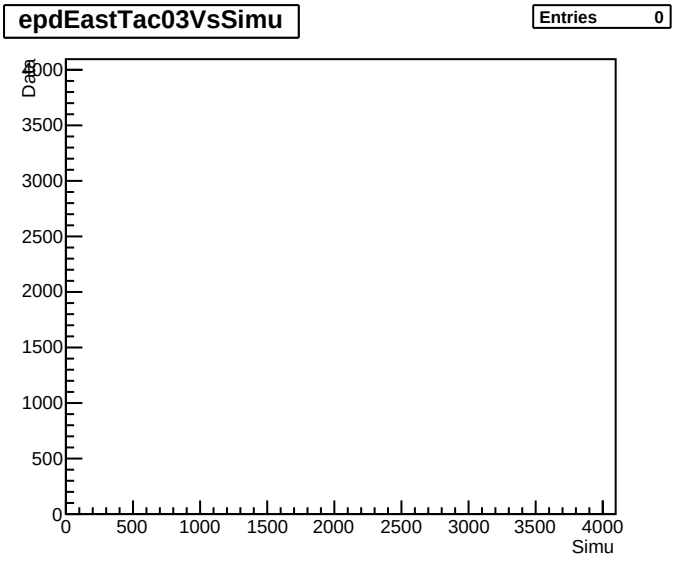
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2117192
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 264649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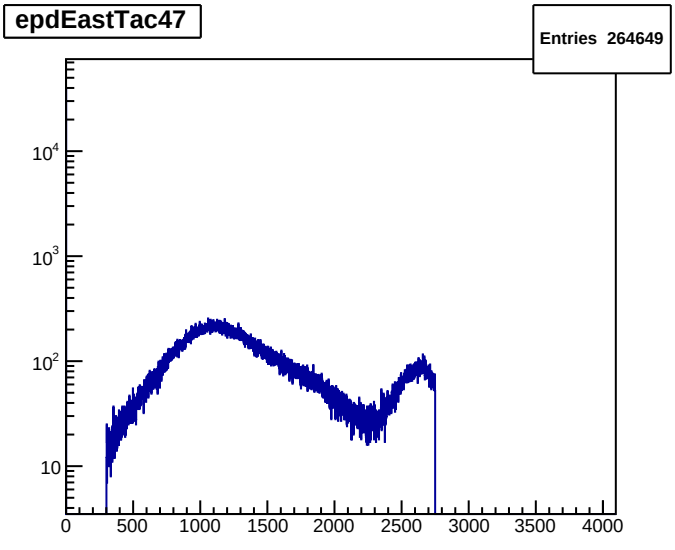
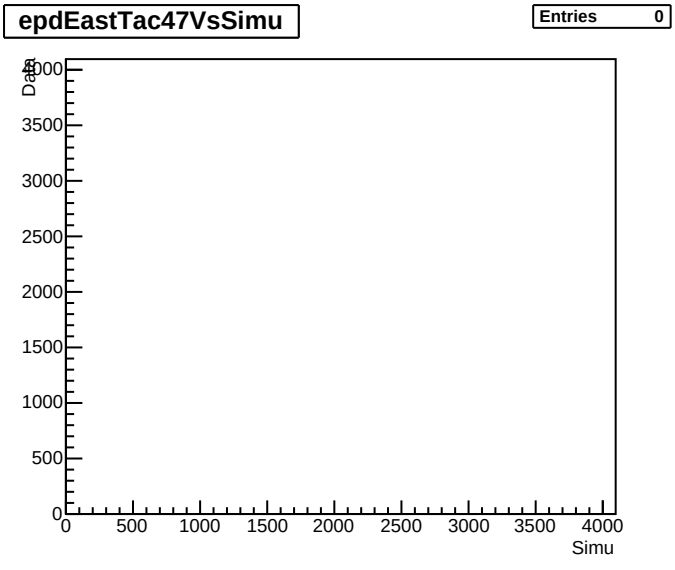
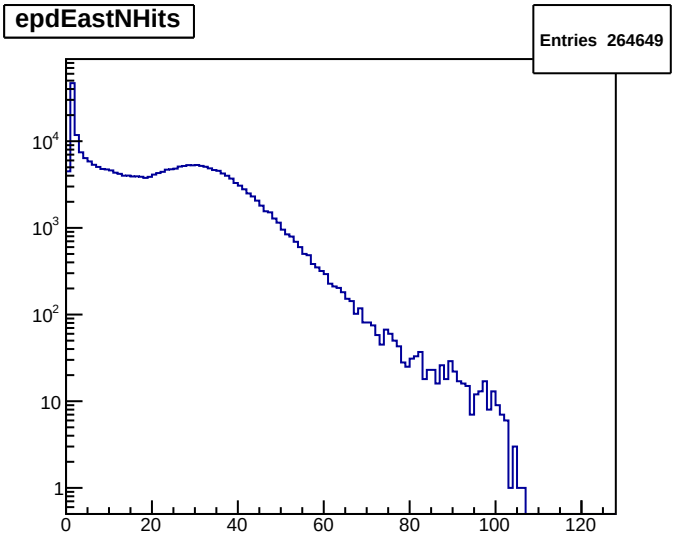
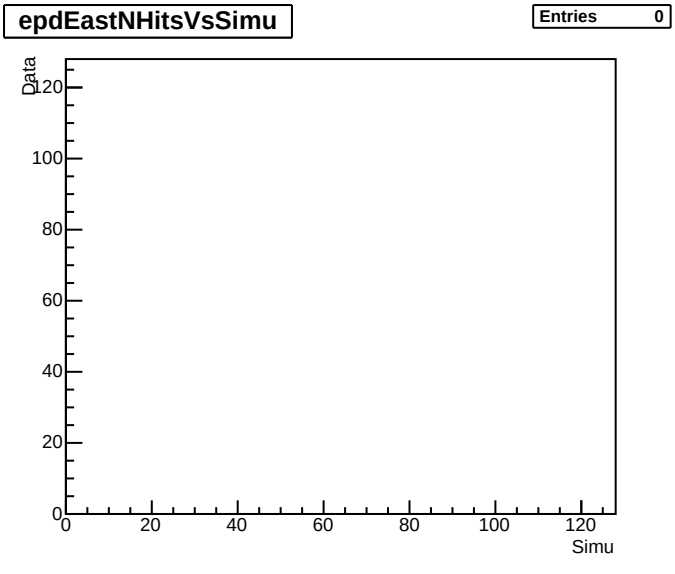
Entries 0
Data
Simu


epdEastTac47
Entries 264649


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 264649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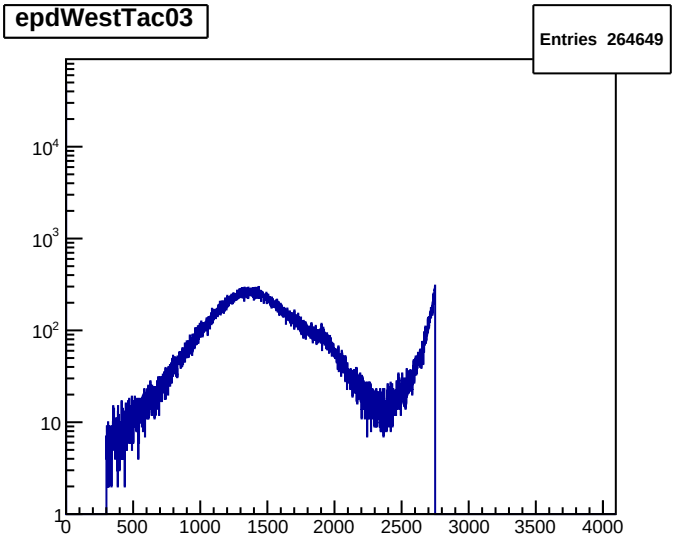
Entries 0
Data
Simu


epdWestTac03
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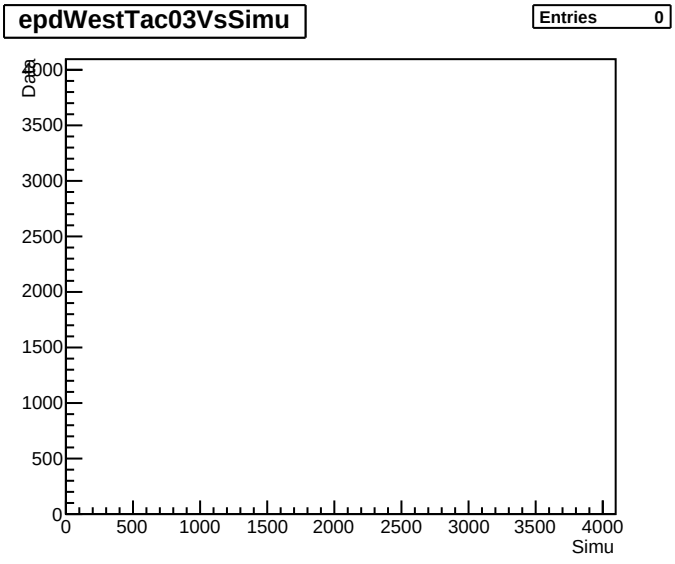
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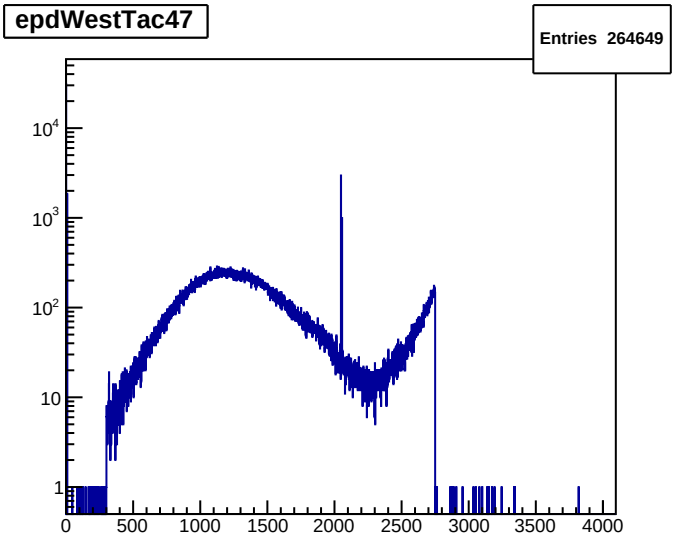
Entries 0
Data
Simu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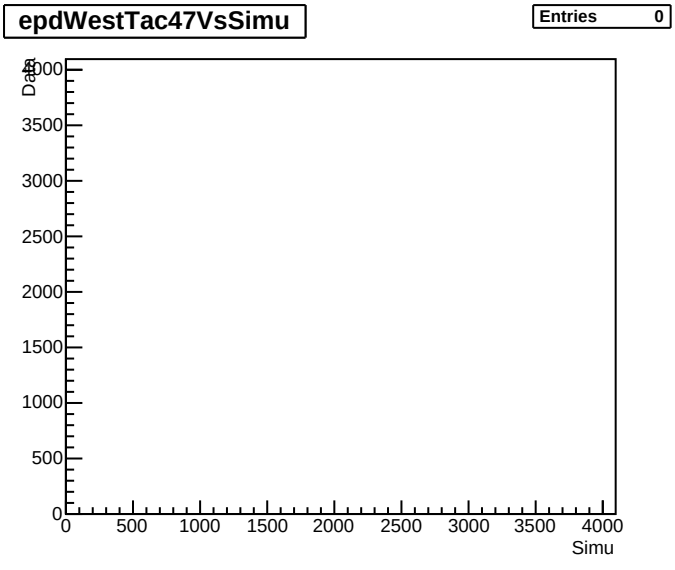
Entries 264649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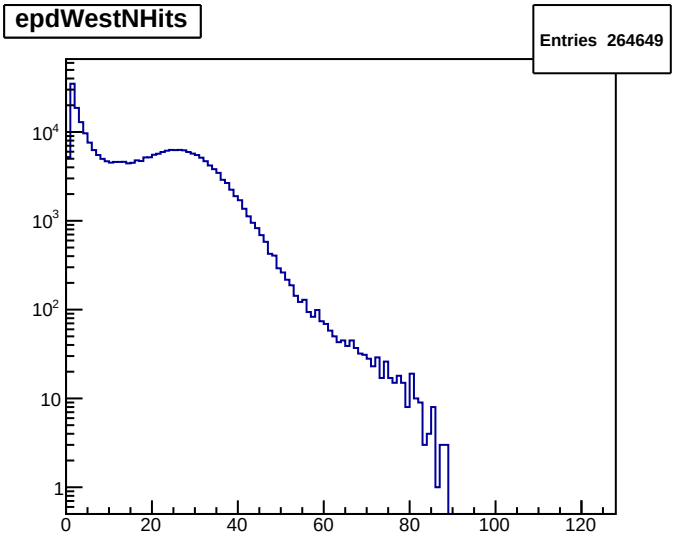
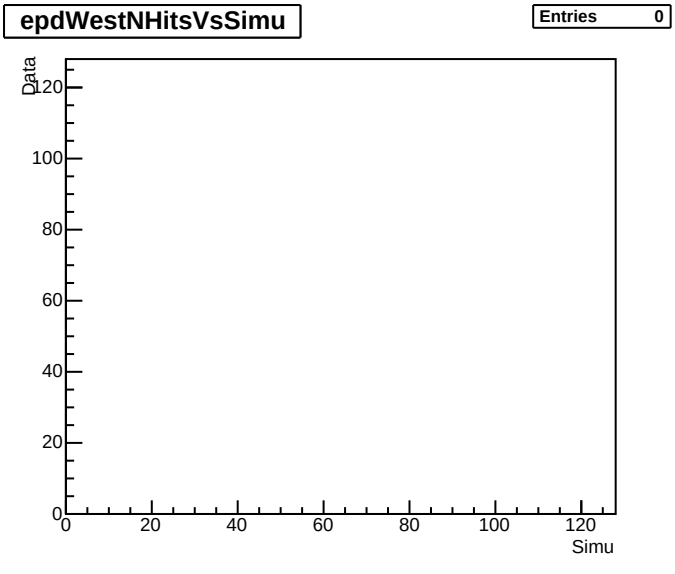
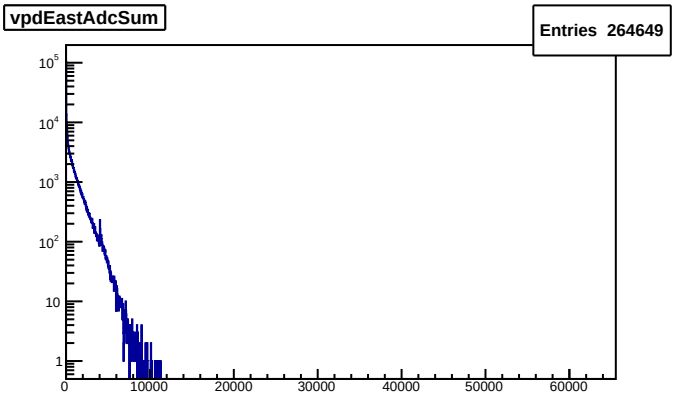
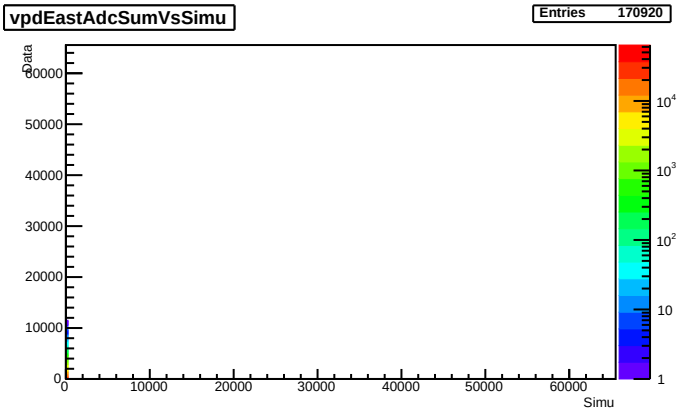
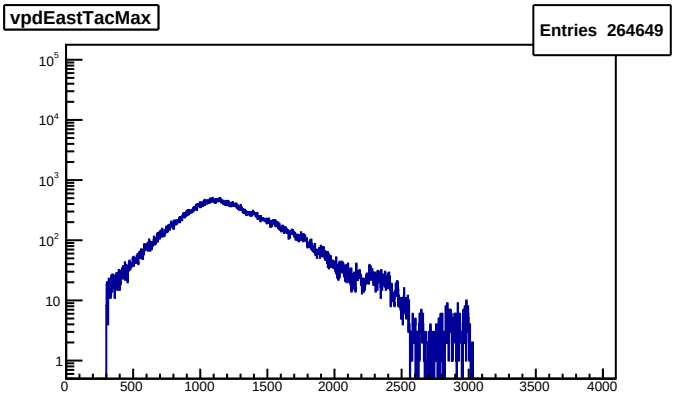
Entries 0
Data
Simu

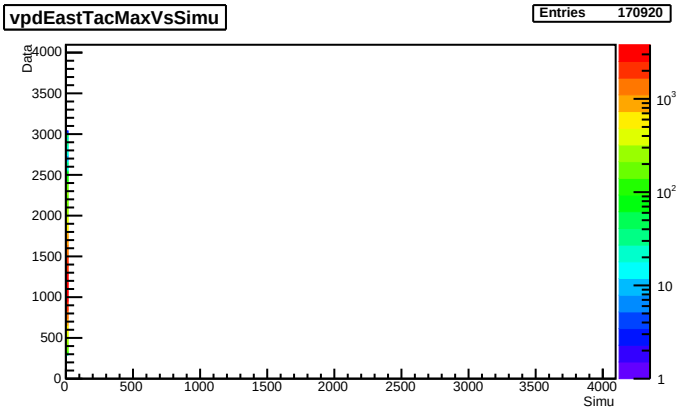

epdWestNHits
Entries 264649

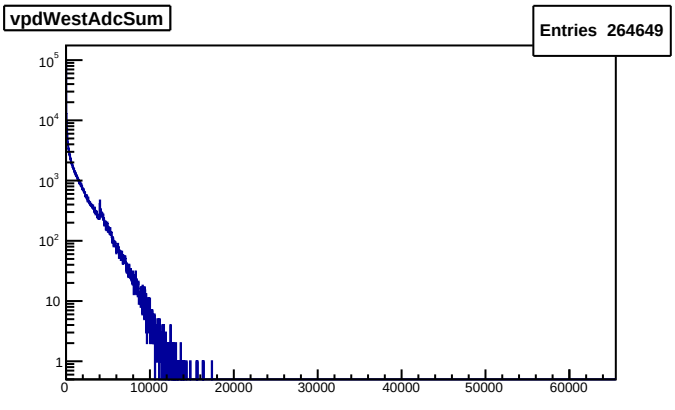

epdWestNHitsVsSimu
Entries 0
Data
Simu

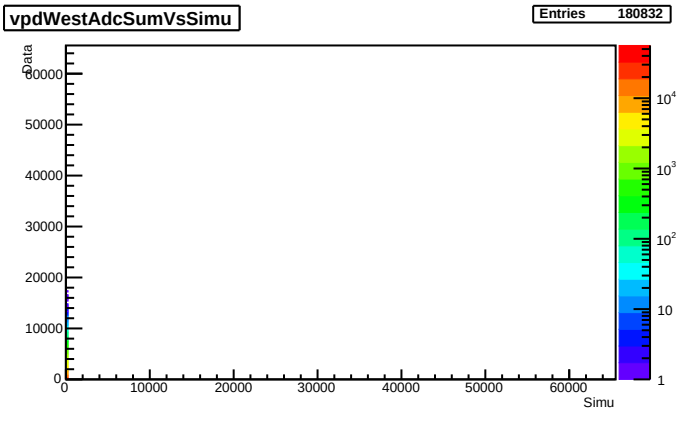

vpdEastAdcSum
Entries 264649

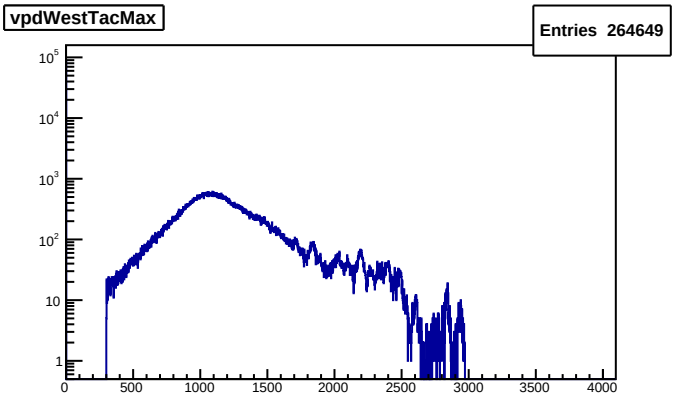

vpdEastAdcSumVsSimu
Entries 170920
Data
Simu

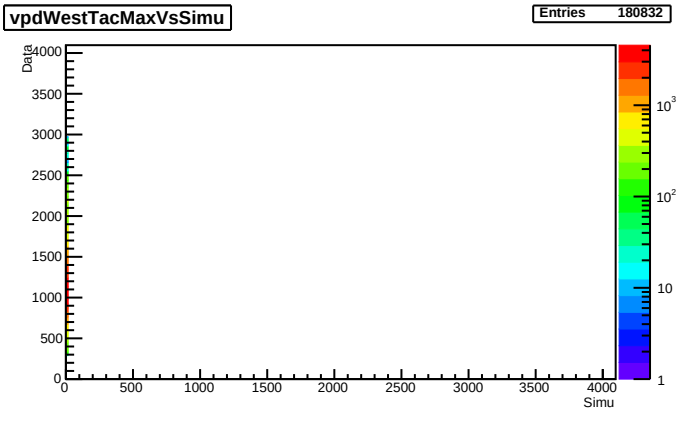

vpdEastTacMax
Entries 264649

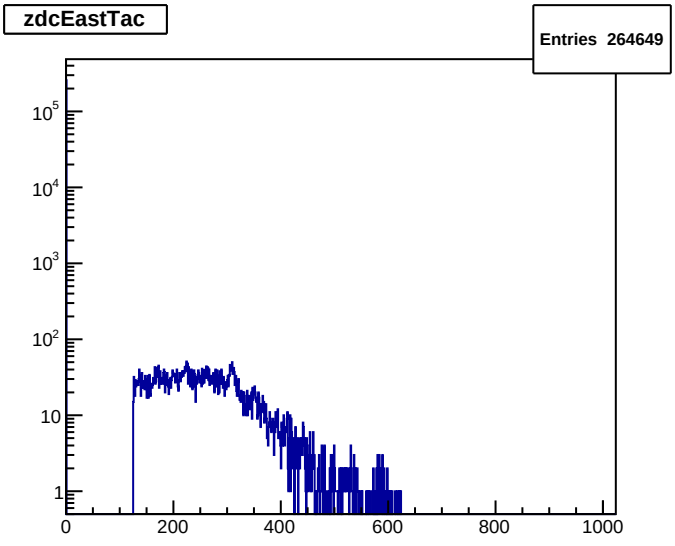

vpdEastTacMaxVsSimu
Entries 170920
Data
Simu

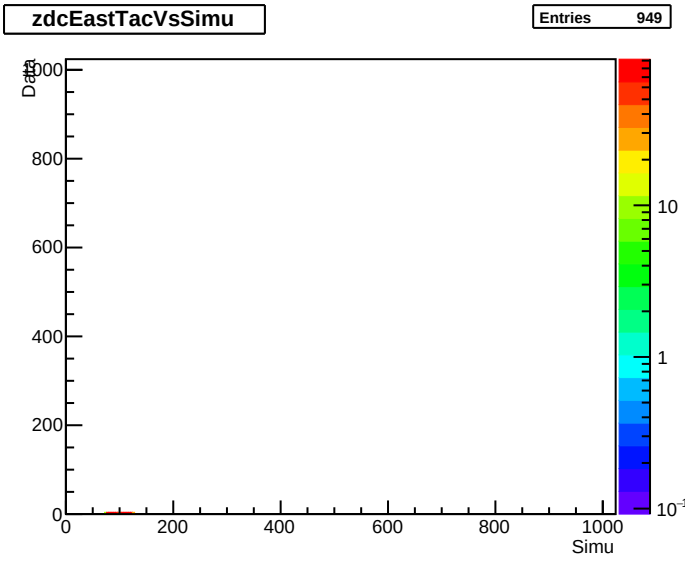

vpdWestAdcSum
Entries 264649

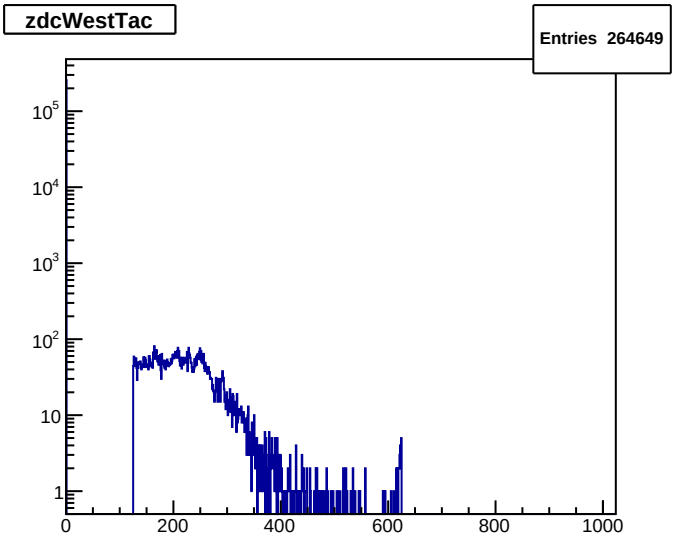

vpdWestAdcSumVsSimu
Entries 180832
Data
Simu

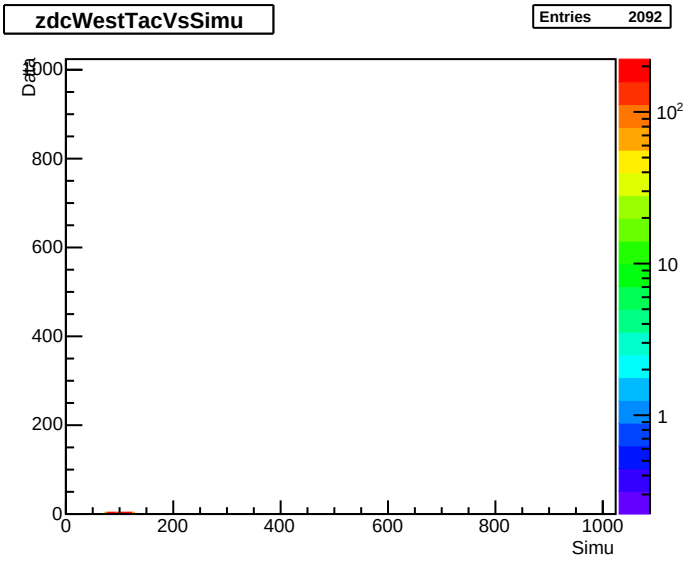

vpdWestTacMax
Entries 264649

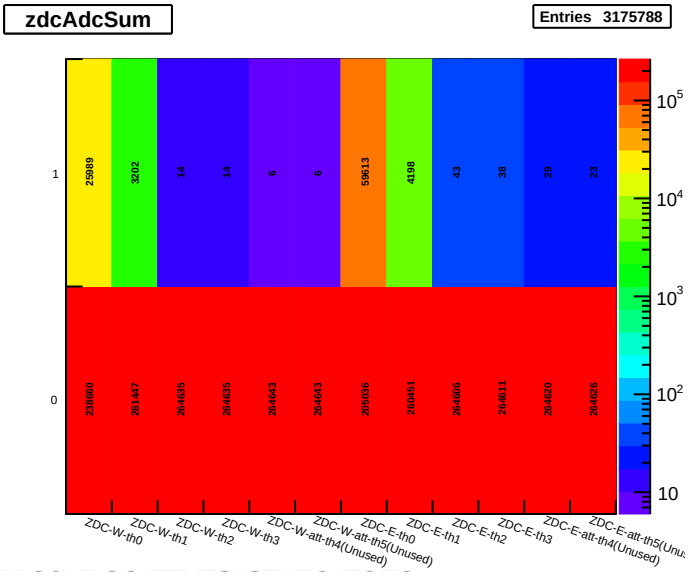

vpdWestTacMaxVsSimu
Entries 180832
Data
Simu

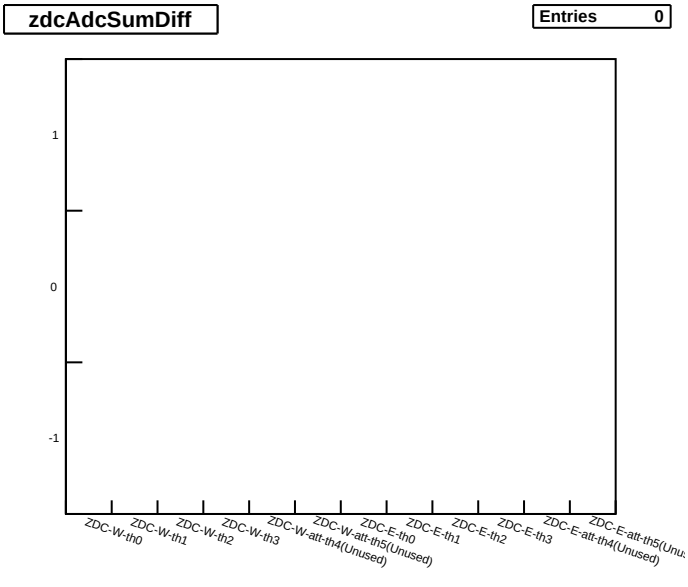

zdcEastTac
Entries 264649

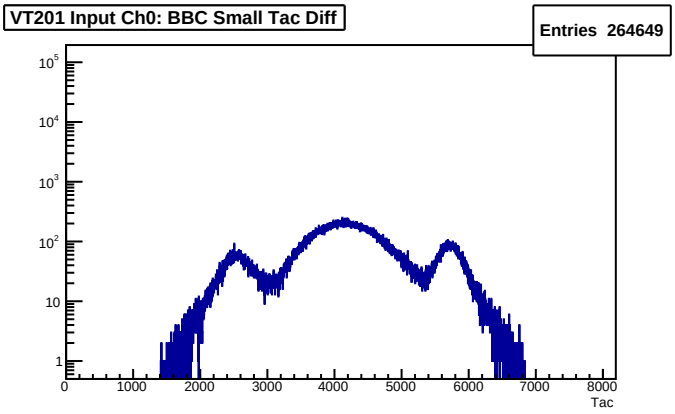

zdcEastTacVsSimu
Entries 949
Data
Simu

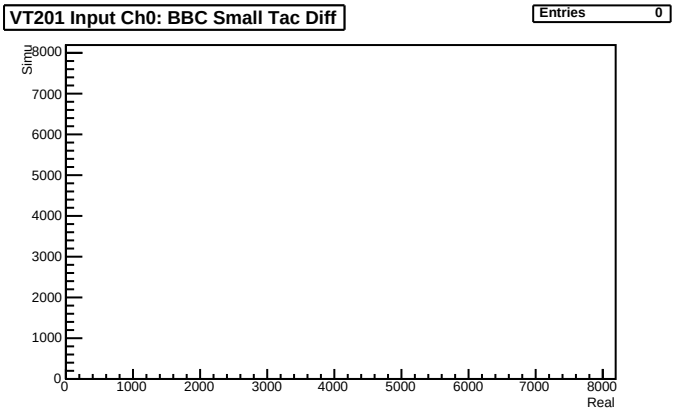

zdcWestTac
Entries 264649

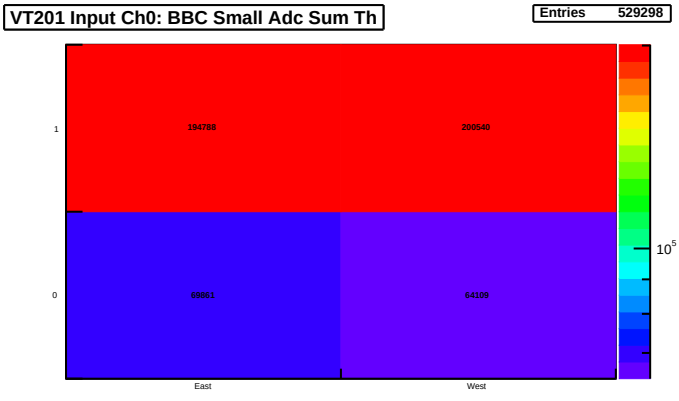

zdcWestTacVsSimu
Entries 2092
Data
Simu

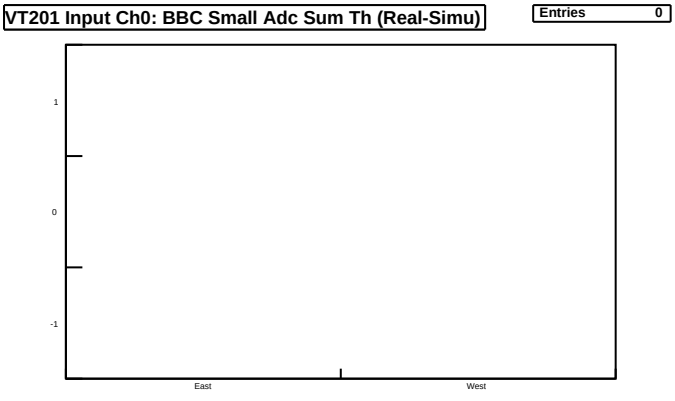

zdcAdcSum
Entries 3175788
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

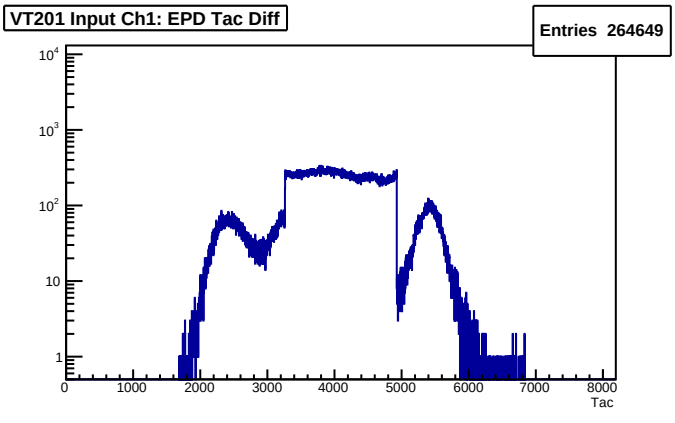

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

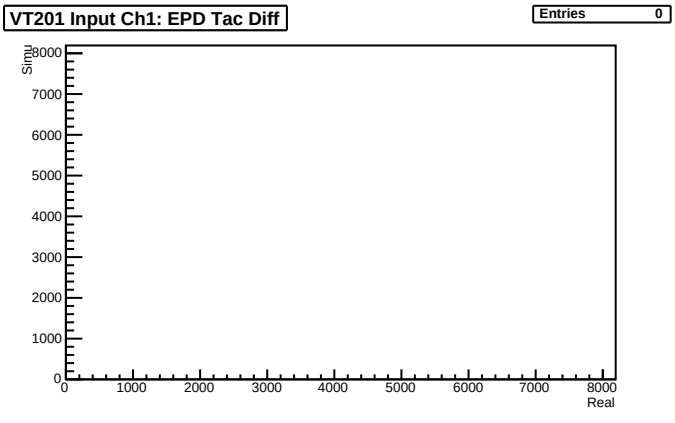

VT201 Input Ch0: BBC Small Tac Diff
Entries 264649
Tac

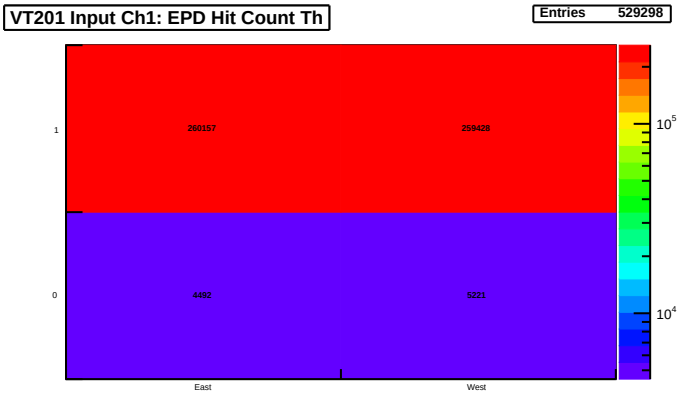

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

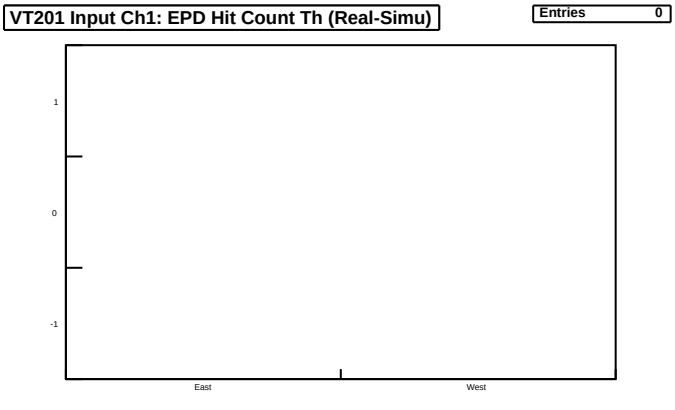

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 529298
194788
200540
69861
64109
East
West

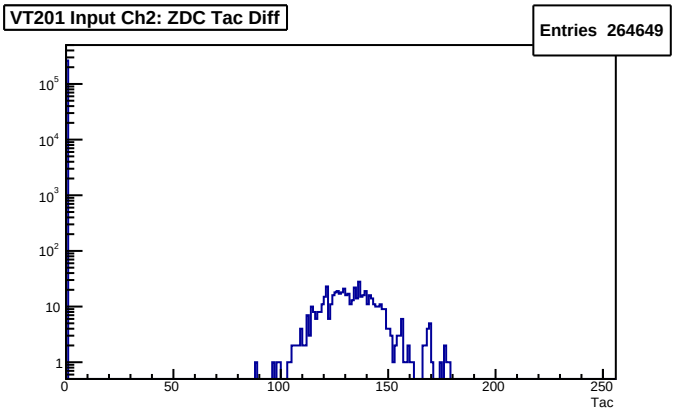

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

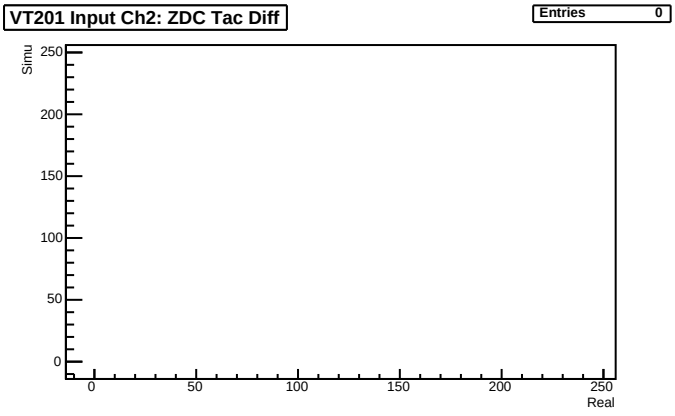

VT201 Input Ch1: EPD Tac Diff
Entries 264649
Tac

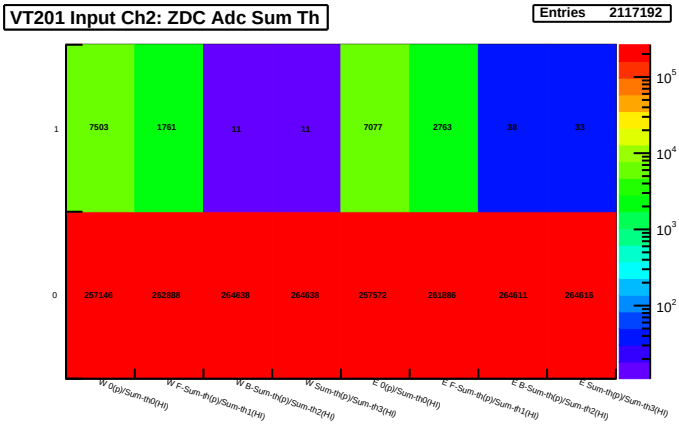

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

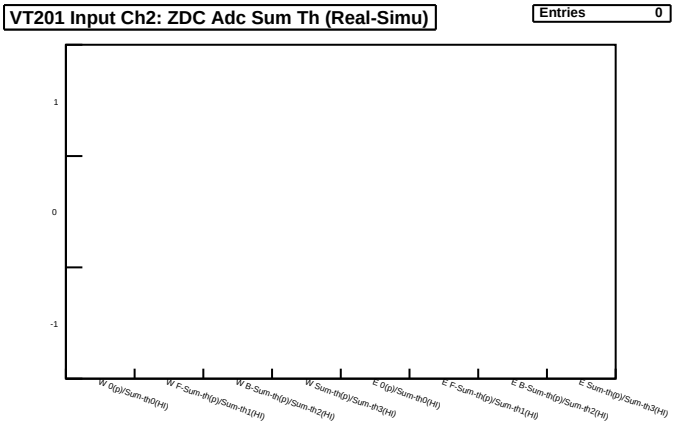

VT201 Input Ch1: EPD Hit Count Th
Entries 529298
260157
259428
4492
5221
East
West

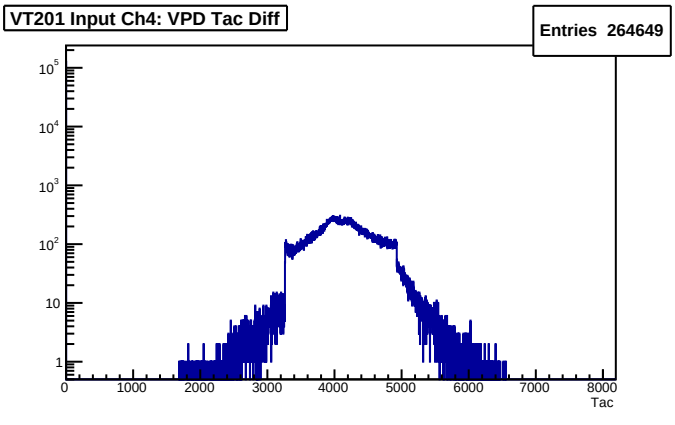

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

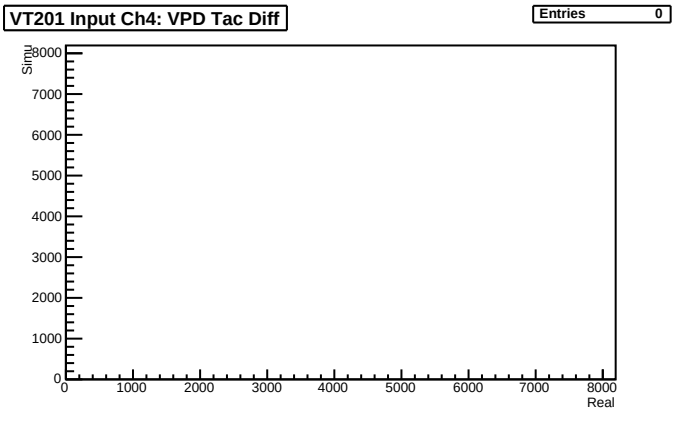

VT201 Input Ch2: ZDC Tac Diff
Entries 264649
Tac

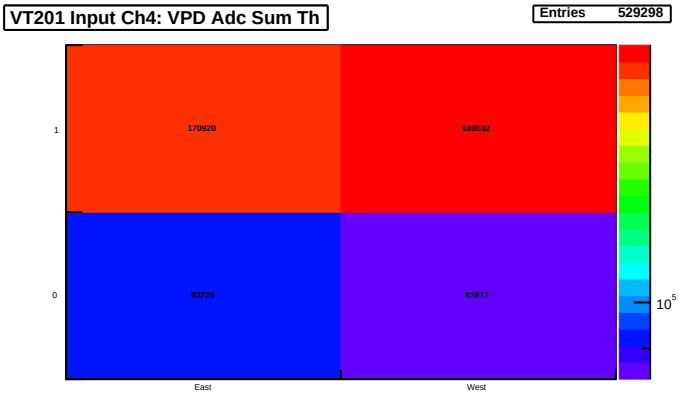

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

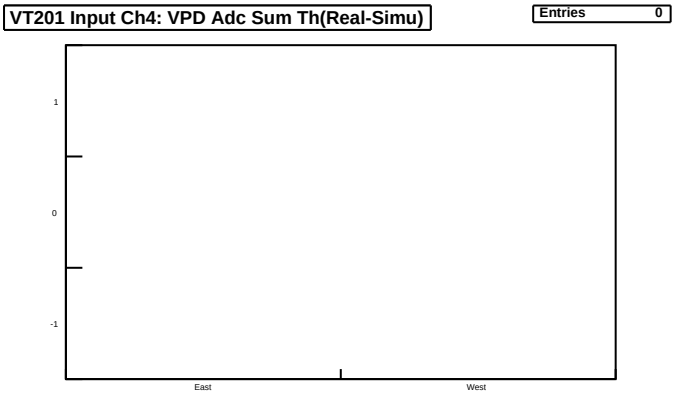

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2117192
7503
1761
11
11
7077
2763
38
33
257146
262888
264638
264638
257572
261886
264611
264616
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

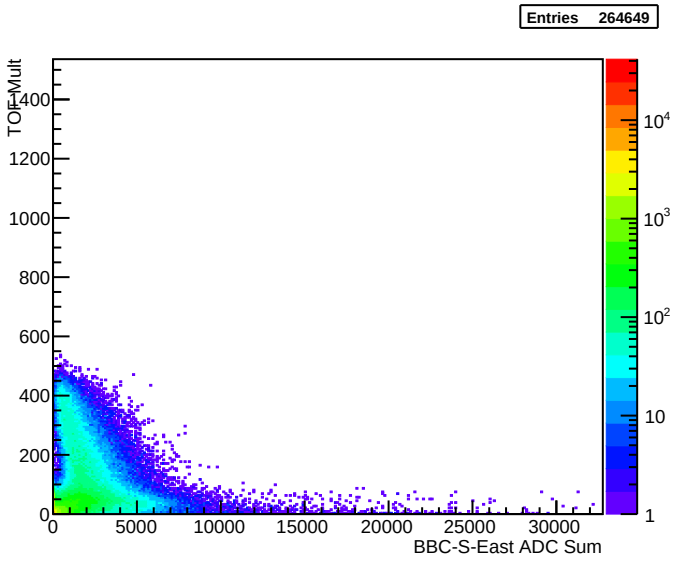

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

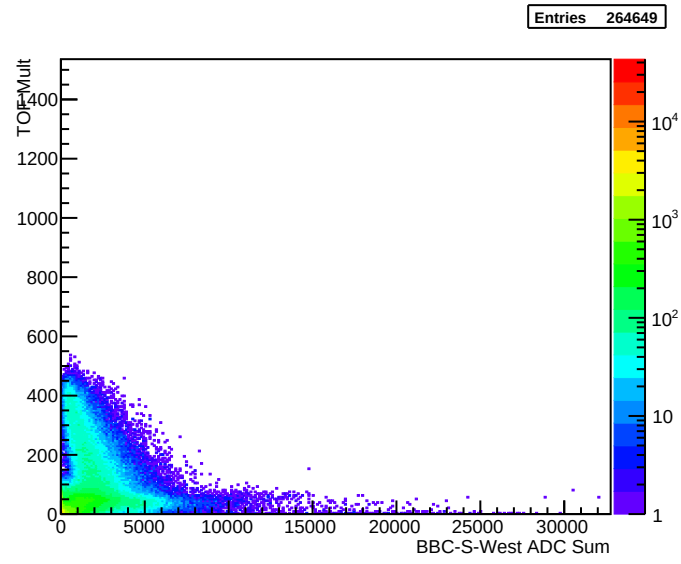

VT201 Input Ch4: VPD Tac Diff
Entries 264649
Tac

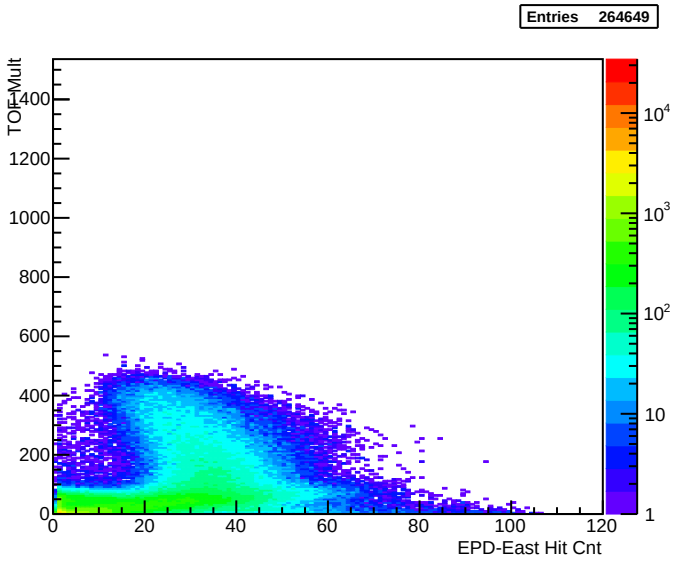

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

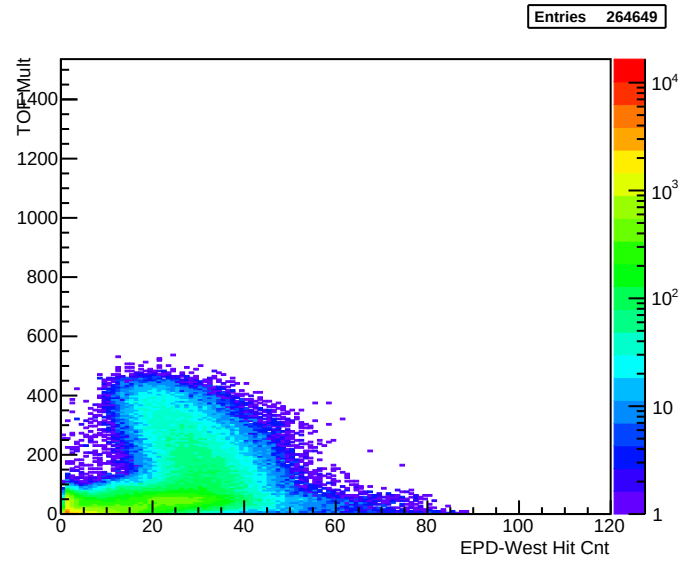

VT201 Input Ch4: VPD Adc Sum Th
Entries 529298
170920
180832
93729
83817
East
West

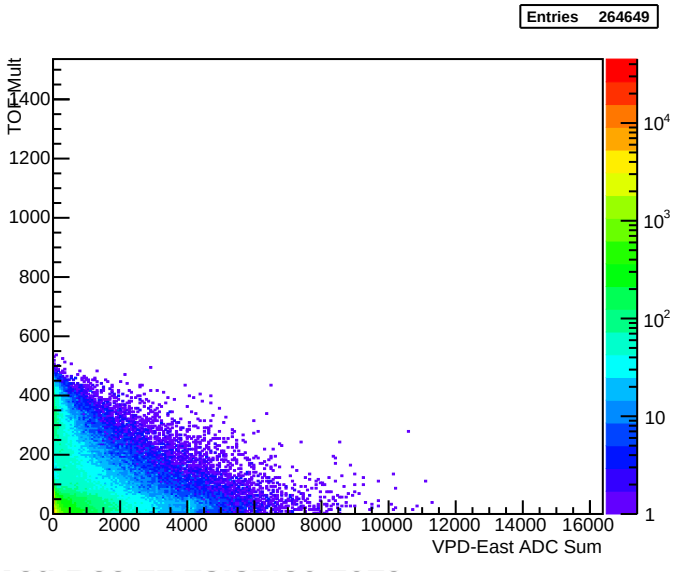

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

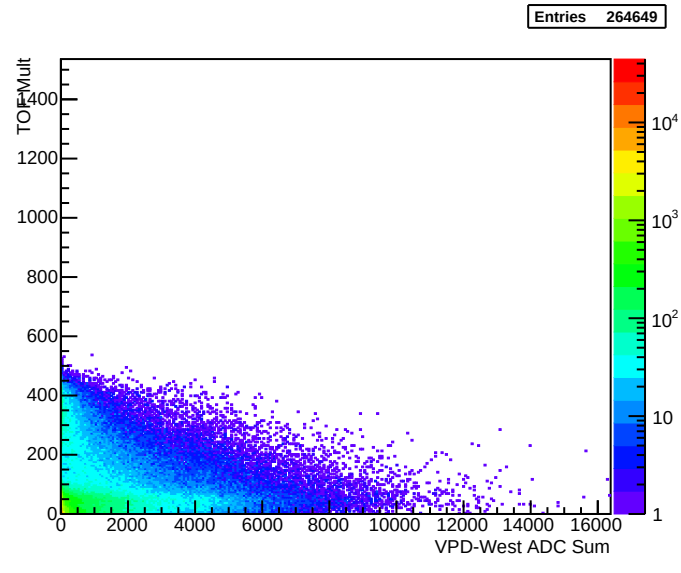

Entries 264649
TOF-Mult
BBC-S-East ADC Sum

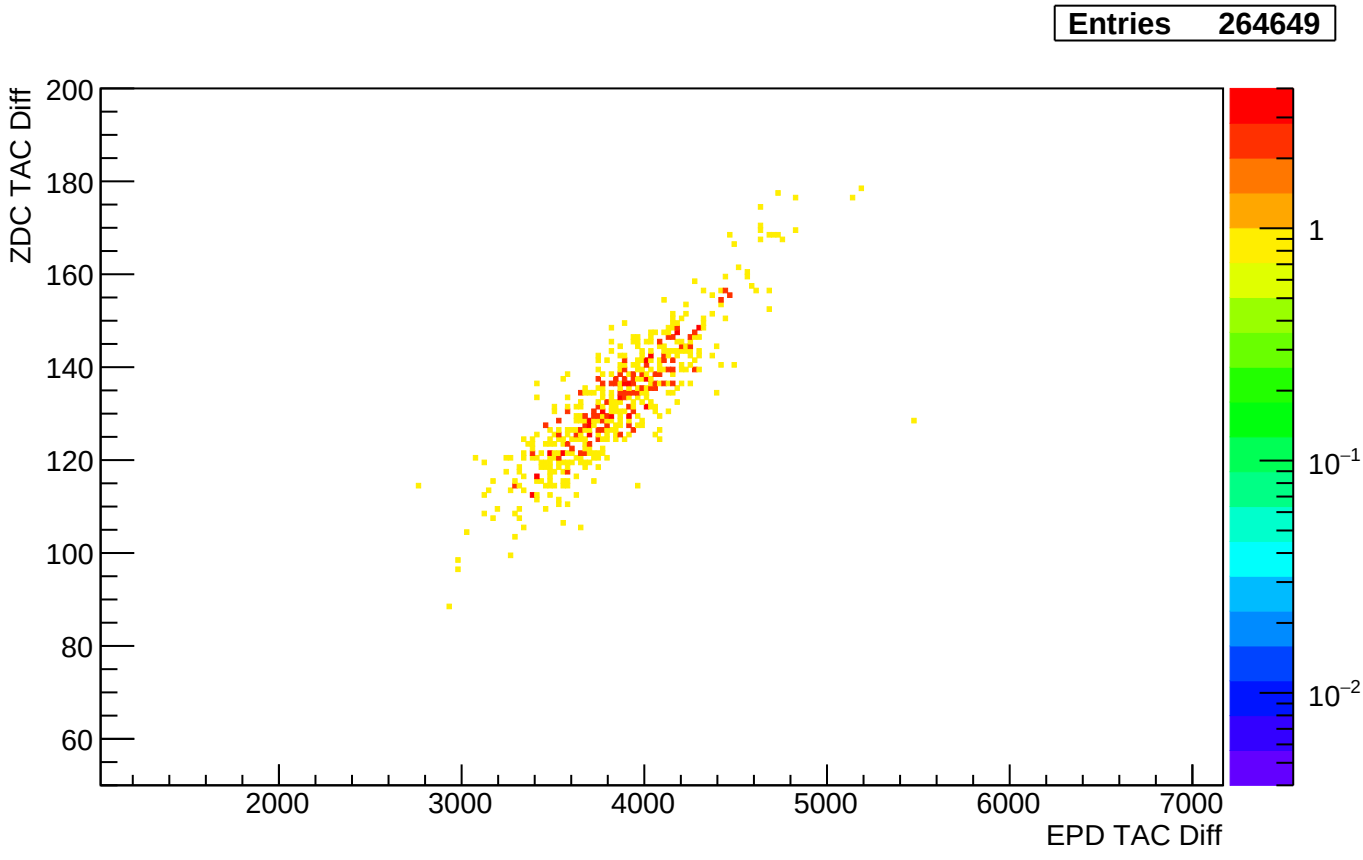

Entries 264649
TOF-Mult
BBC-S-West ADC Sum

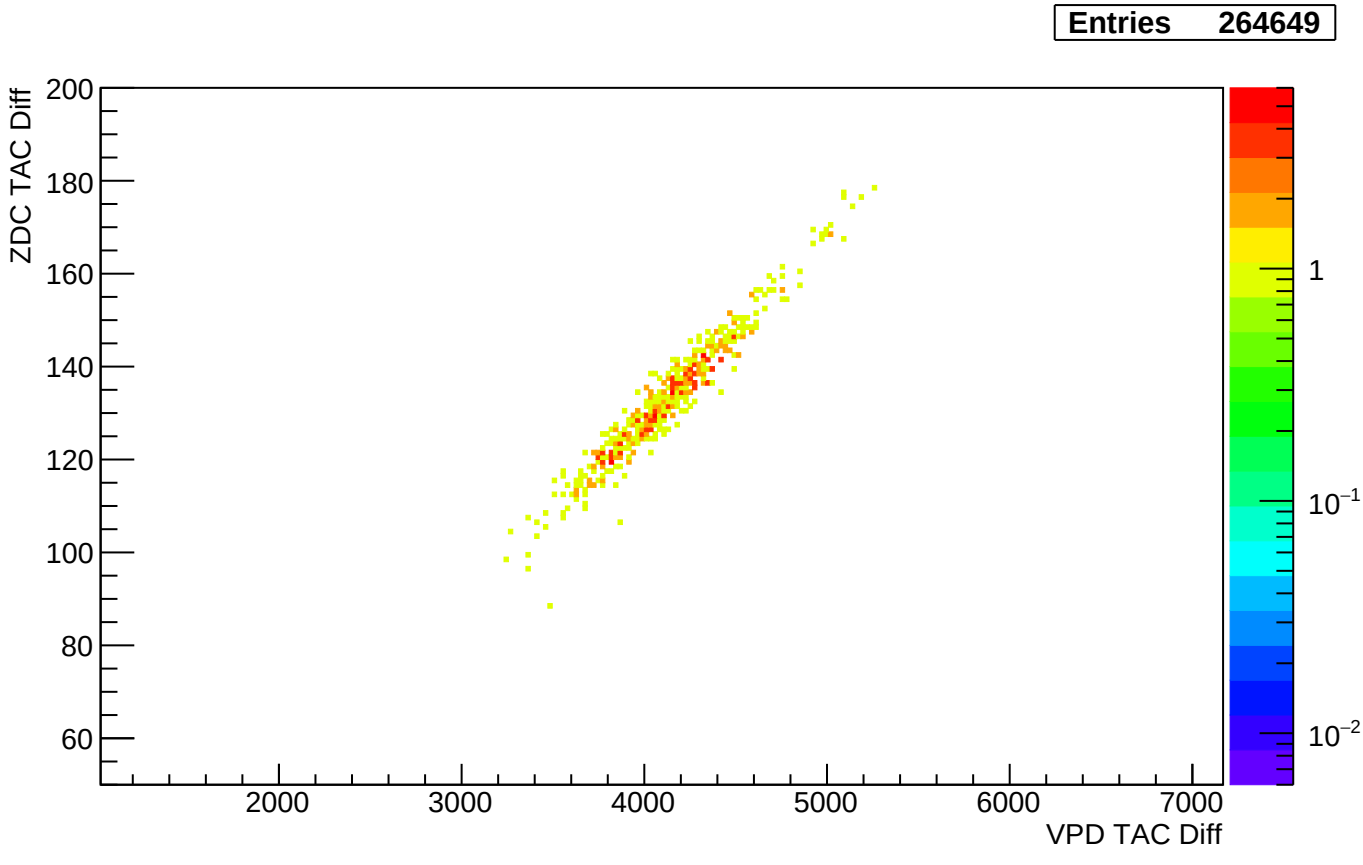

Entries 264649
TOF-Mult
EPD-East Hit Cnt

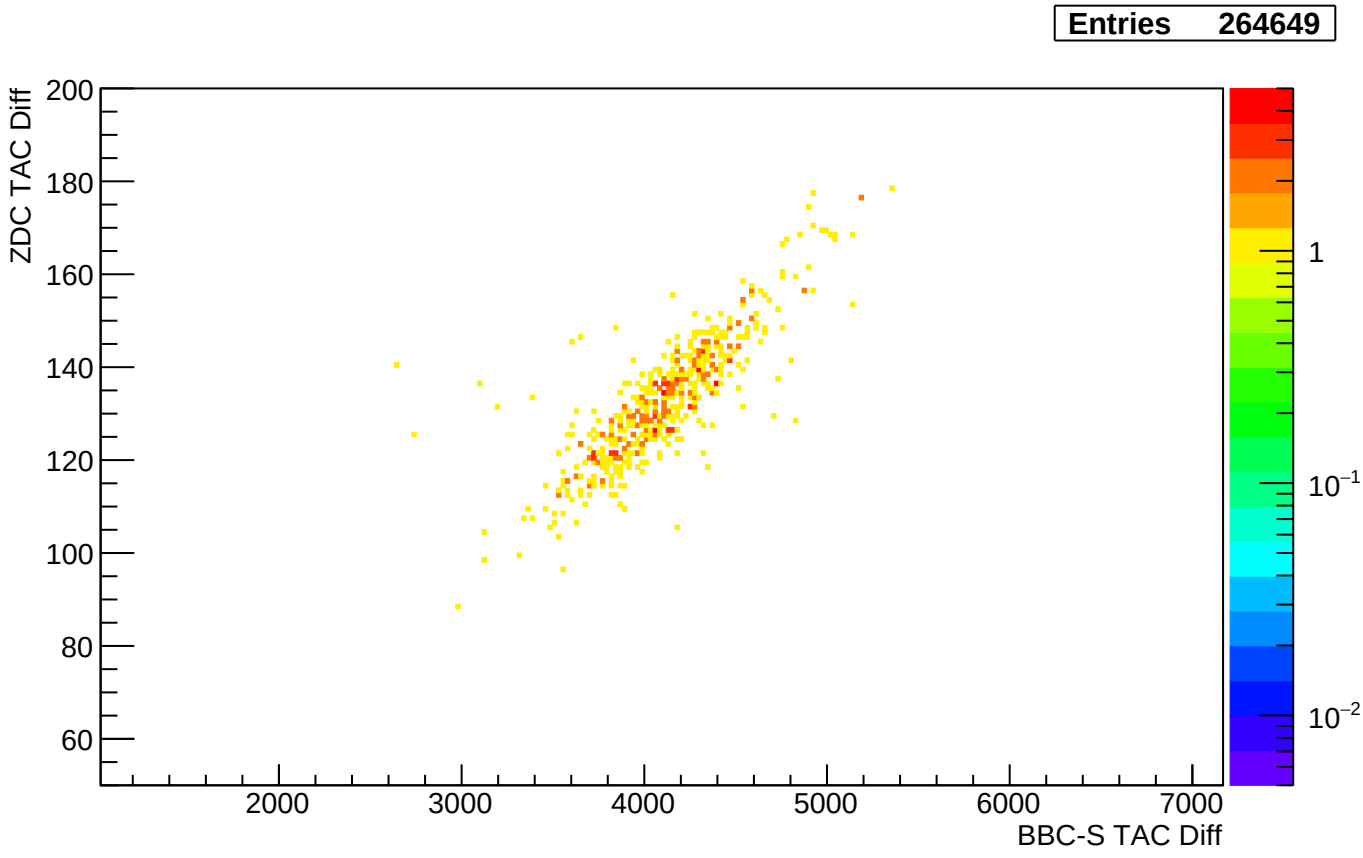

Entries 264649
TOF-Mult
EPD-West Hit Cnt

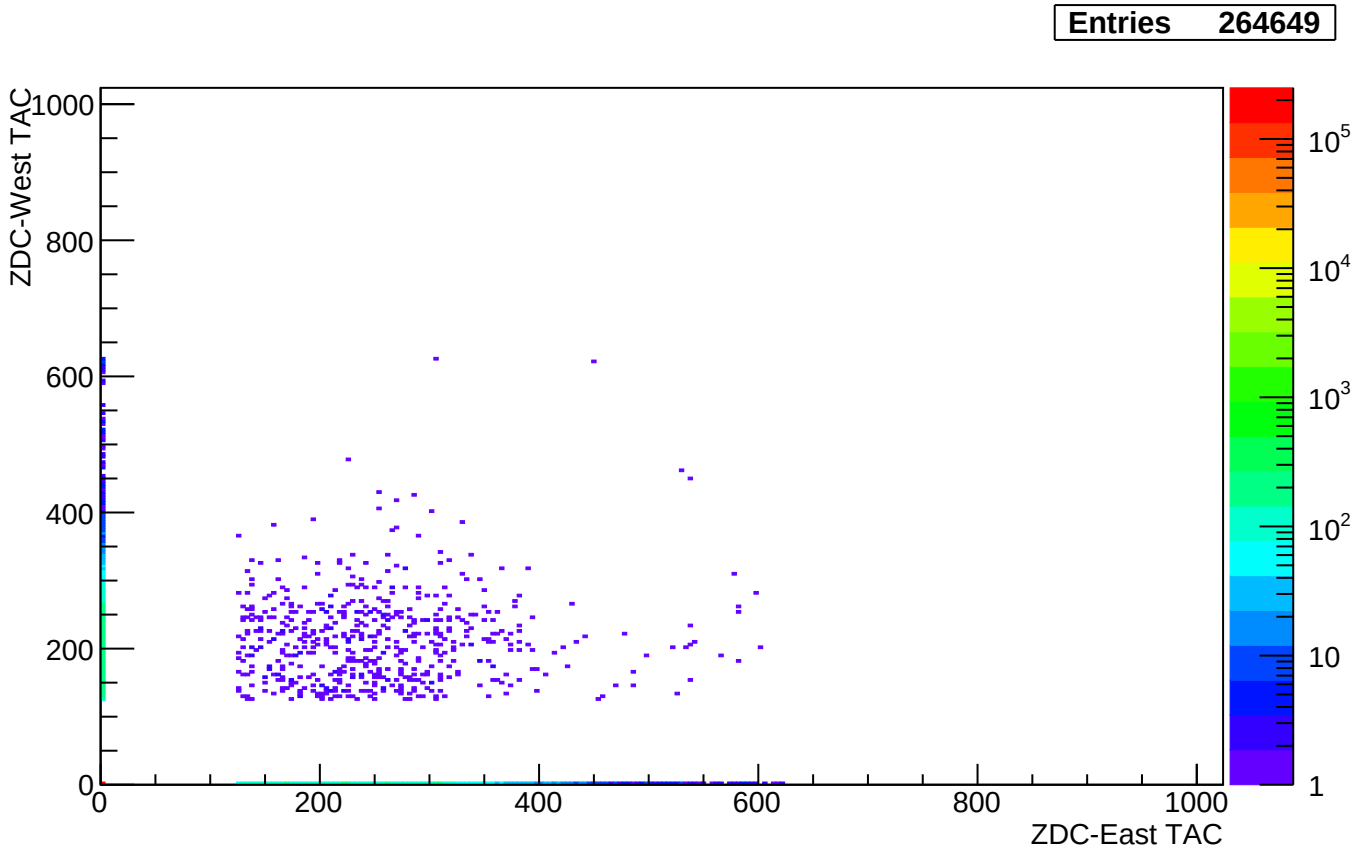

Entries 264649
TOF-Mult
VPD-East ADC Sum

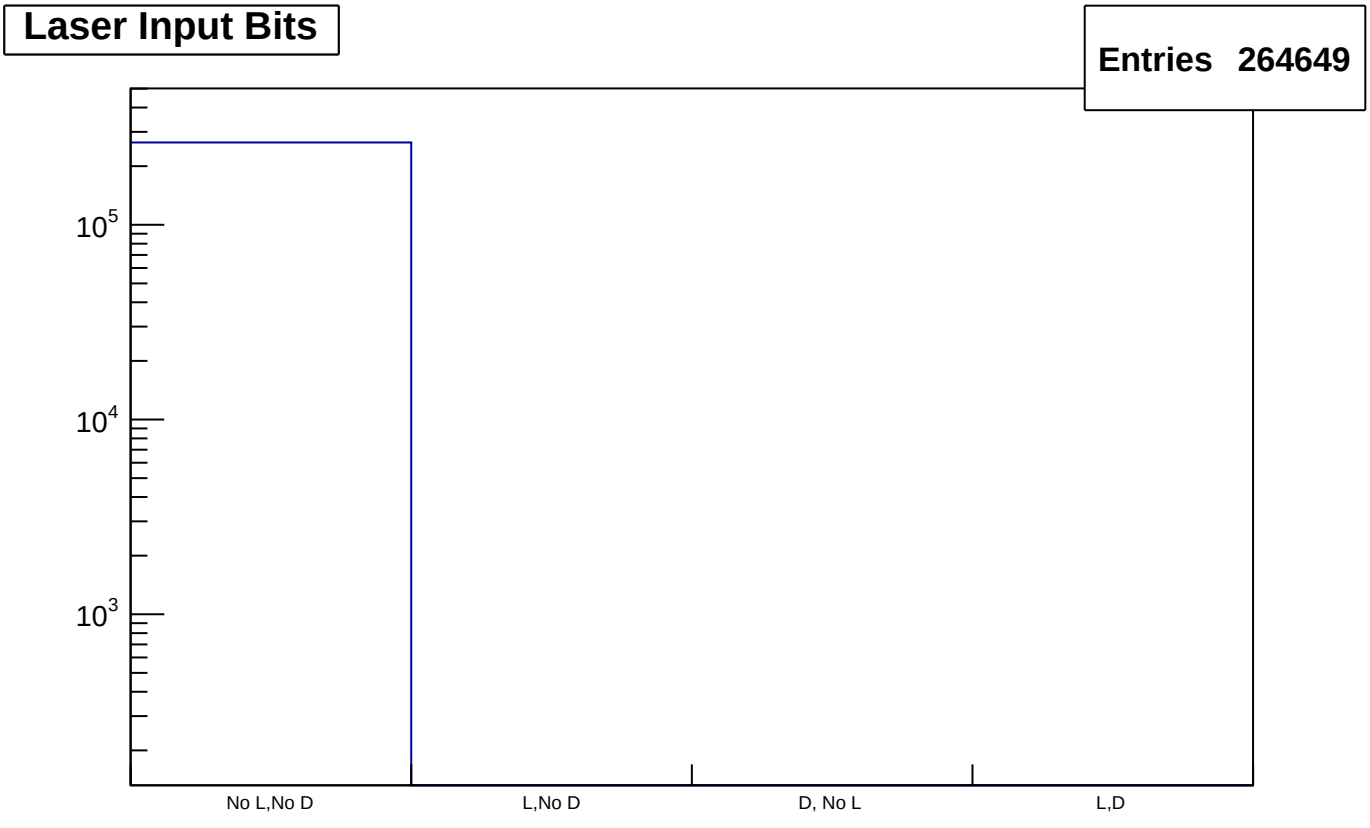

Entries 264649
TOF-Mult
VPD-West ADC Sum

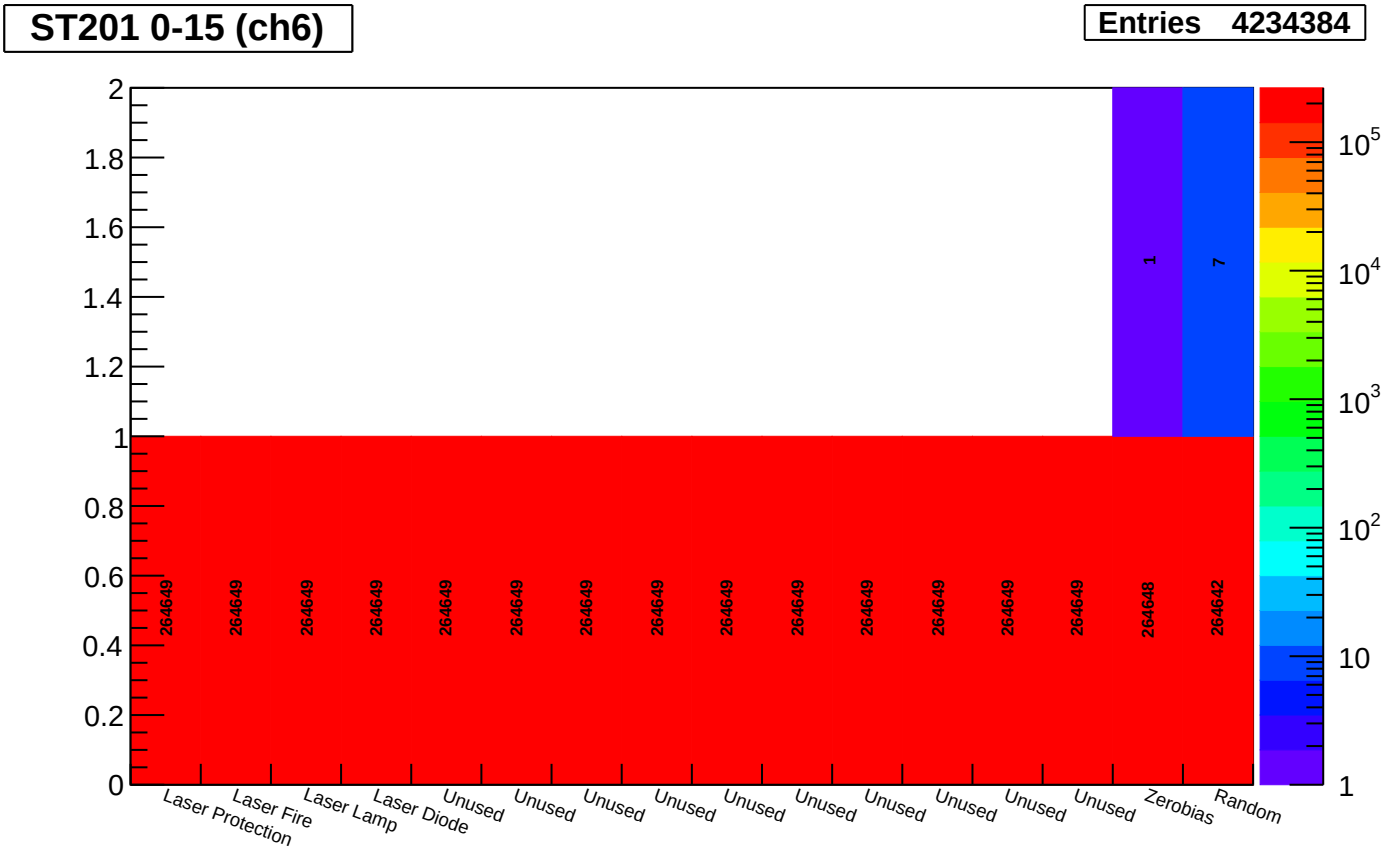

Entries 264649
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

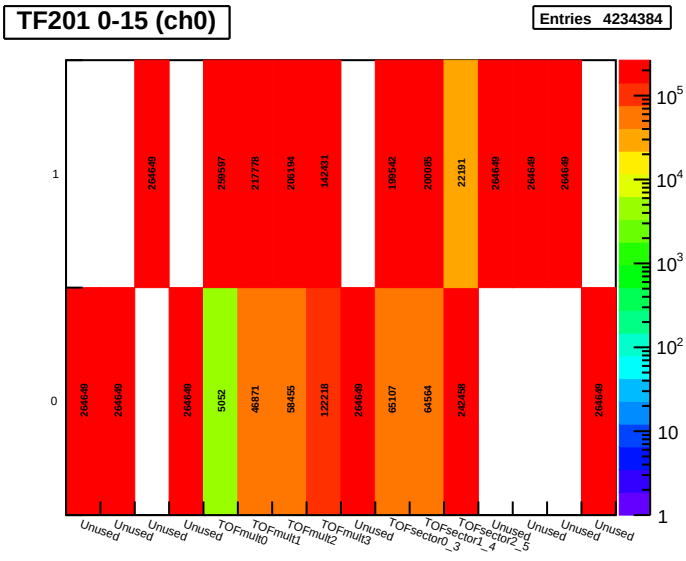

Entries 264649
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

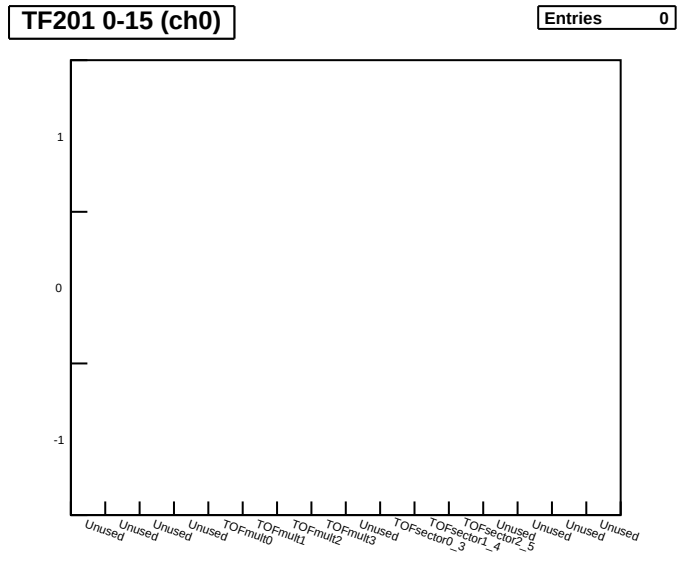

Entries 264649
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

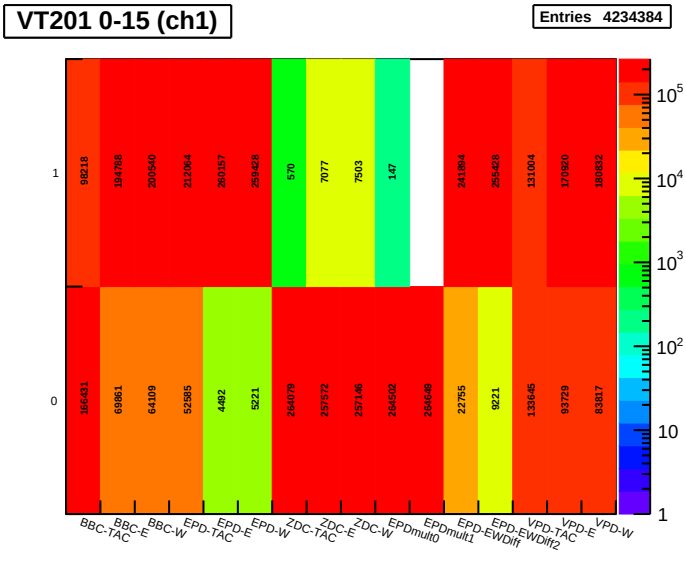

Entries 264649
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

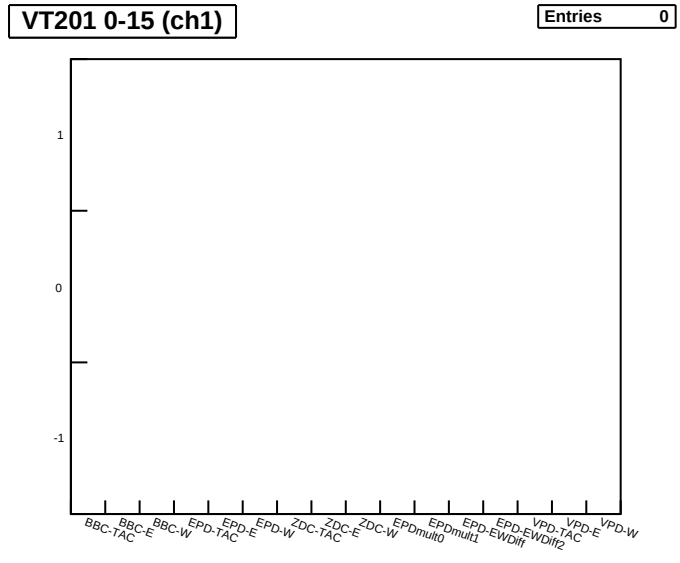

Laser Input Bits
Entries 264649
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

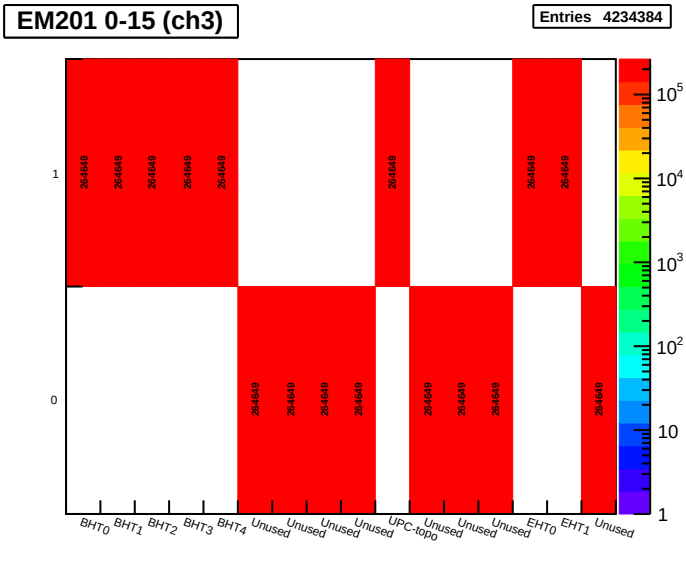

ST201 0-15 (ch6)
Entries 4234384
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
264649
264649
264649
264649
264649
264649
264649
264649
264649
264649
264649
264649
264649
264649
264648
264642
1
7
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

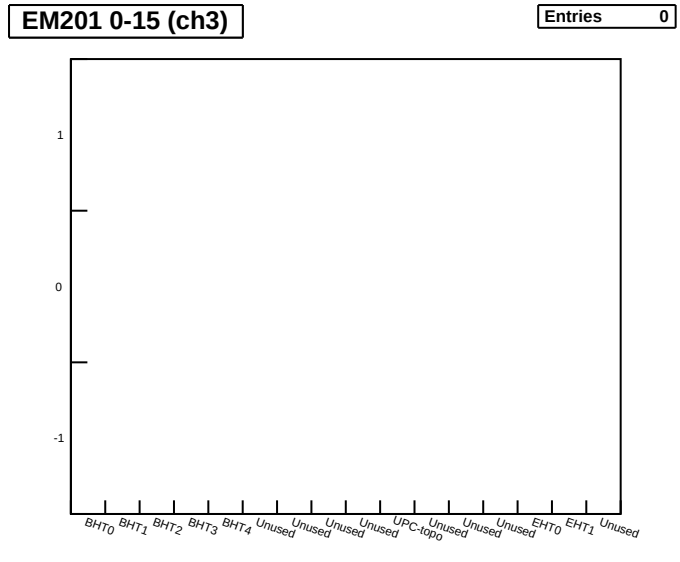

TF201 0-15 (ch0)
Entries 4234384
1
0
264649 264649 264649 264649 264649 264649 264649 264649 264649 264649 264649 264649 264649 264649 264649 264649
5052 46871 58455 122218 65107 64564 242453
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 4234384
1
0
98218 194788 200540 212064 260157 259428 570 7077 7503 147 241894 255428 131004 170920 180832
166431 69861 64109 52585 4492 5221 264079 257572 257146 264502 264649 22755 9221 133645 93729 83817
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
1 10 10^2 10^3 10^4 10^5


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 4234384
1
0
264649 264649 264649 264649 264649 264649 264649 264649
264649 264649 264649 264649 264649 264649 264649 264649
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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