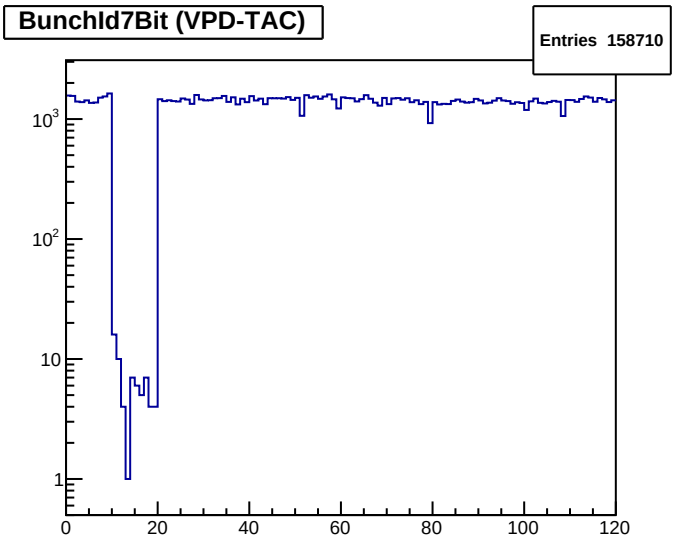
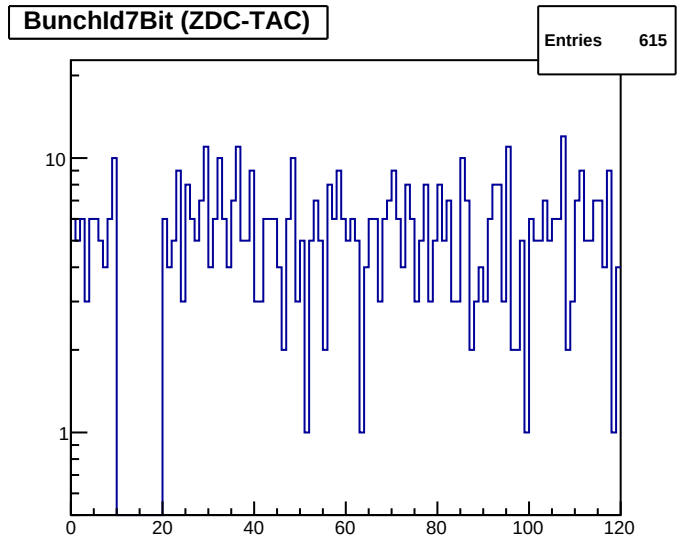
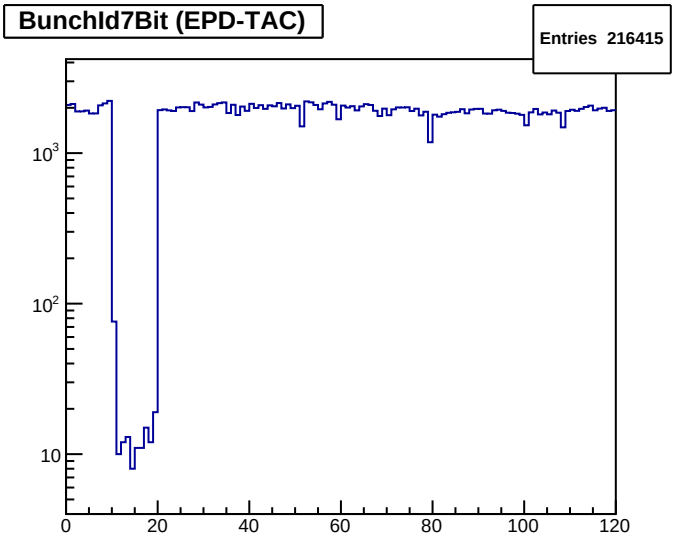
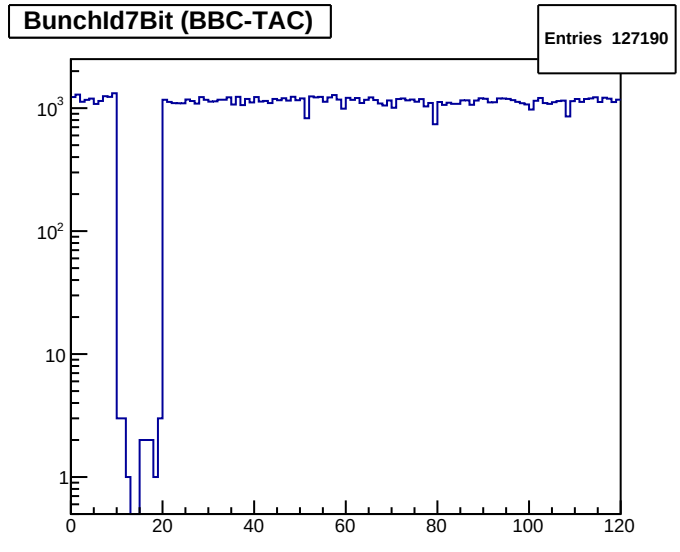
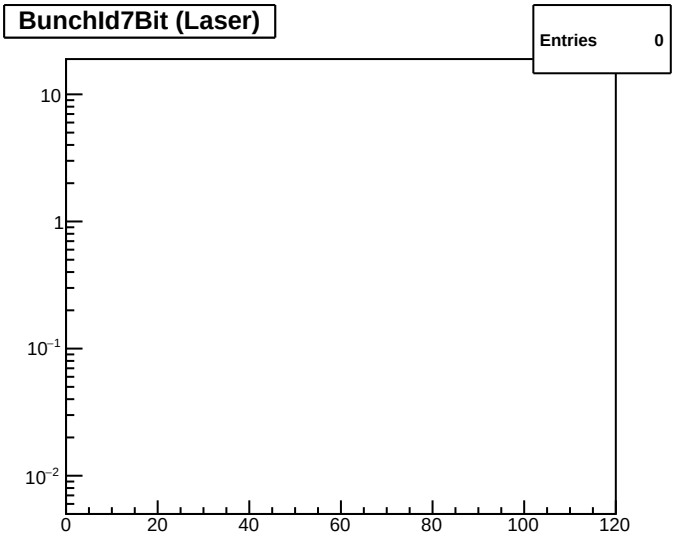
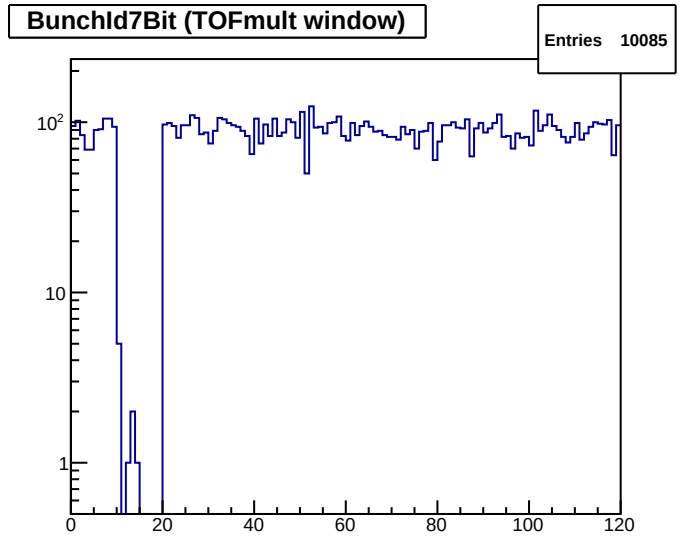

BunchId7Bit (VPD-TAC)
Entries 158710

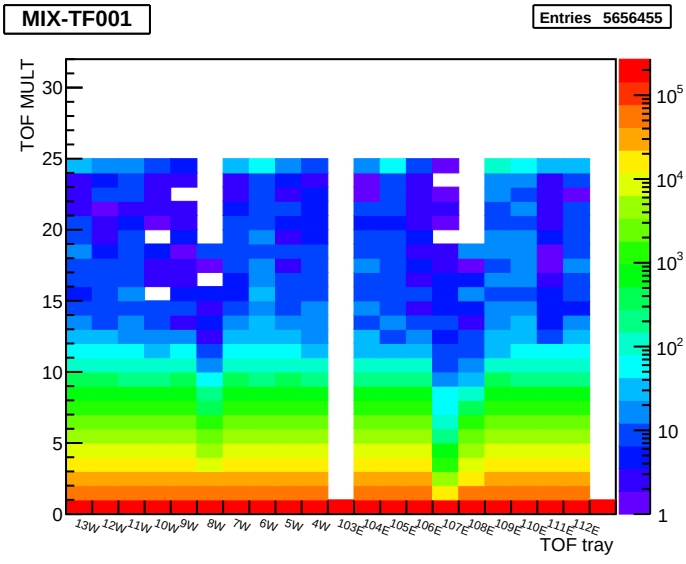

BunchId7Bit (ZDC-TAC)
Entries 615

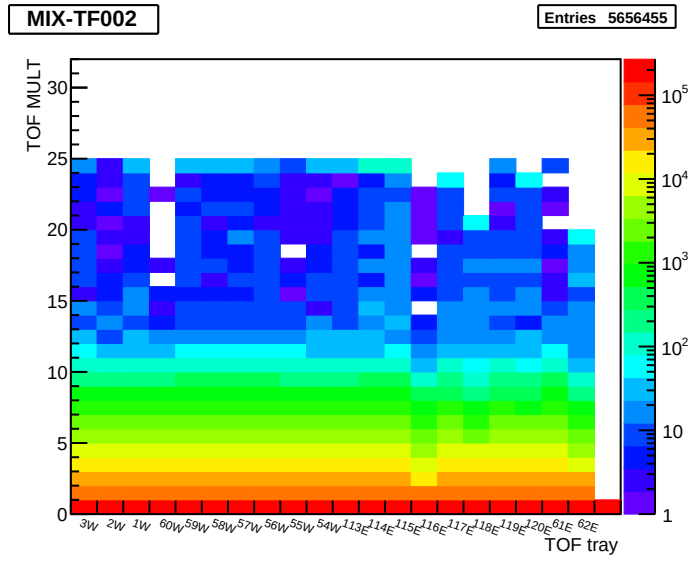

BunchId7Bit (EPD-TAC)
Entries 216415

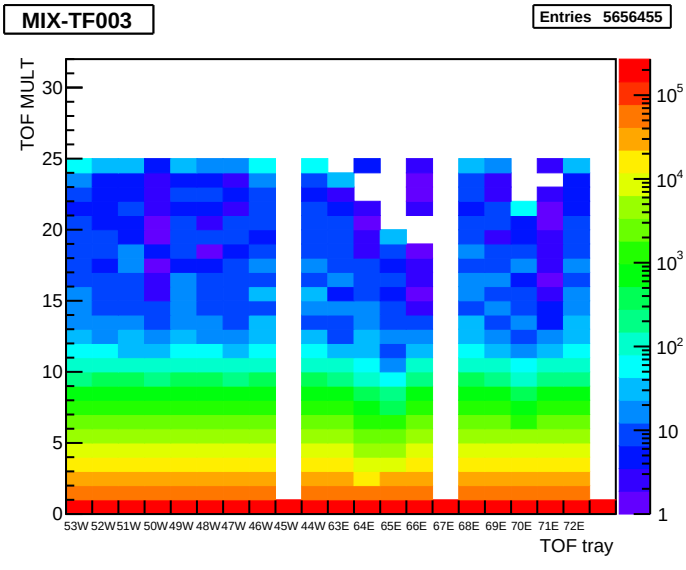

BunchId7Bit (BBC-TAC)
Entries 127190

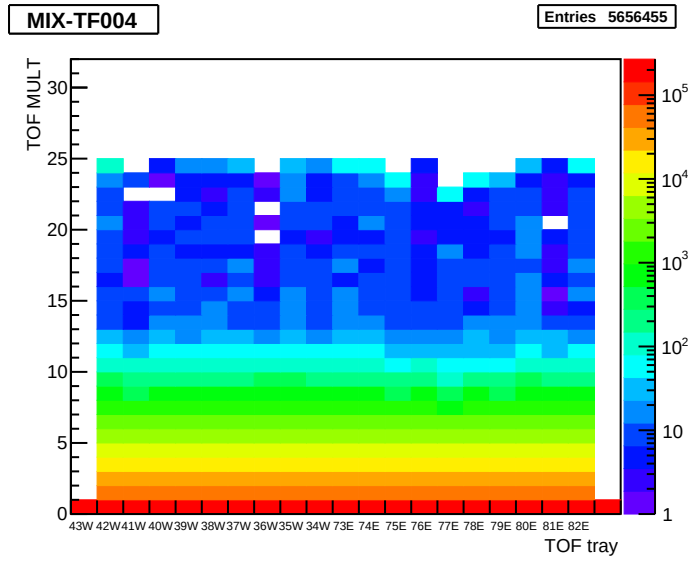

BunchId7Bit (Laser)
Entries 0

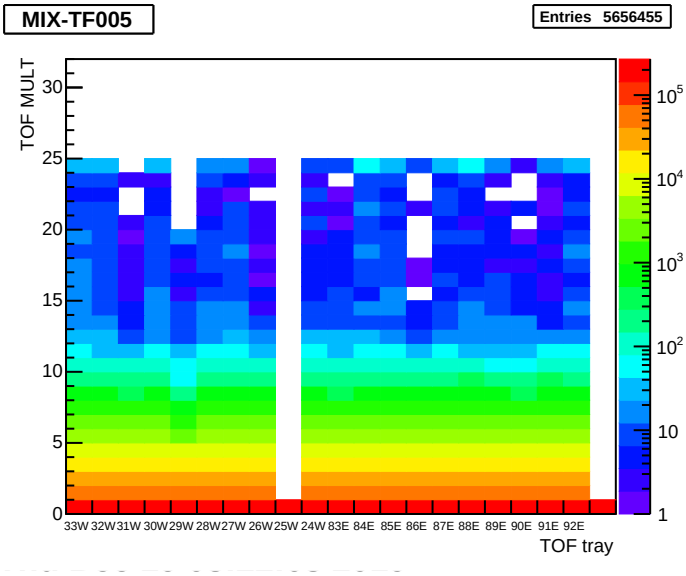

BunchId7Bit (TOFmult window)
Entries 10085

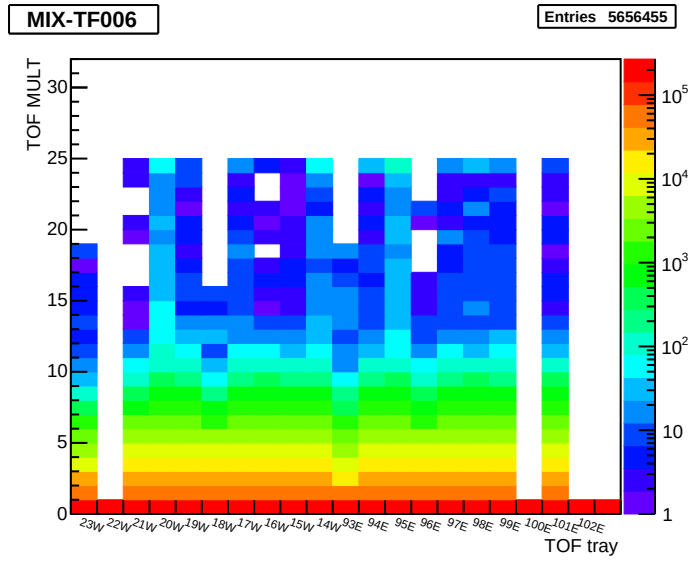

MIX-TF001
Entries 5656455
TOF MULT
TOF tray

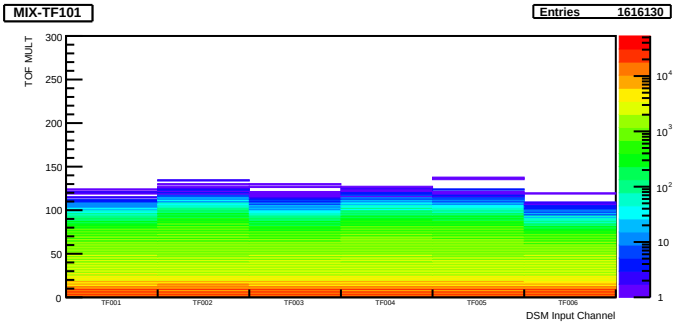

MIX-TF002
Entries 5656455
TOF MULT
TOF tray

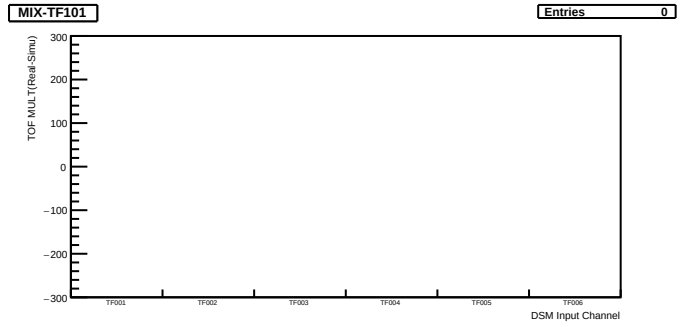

MIX-TF003
Entries 5656455
TOF MULT
TOF tray

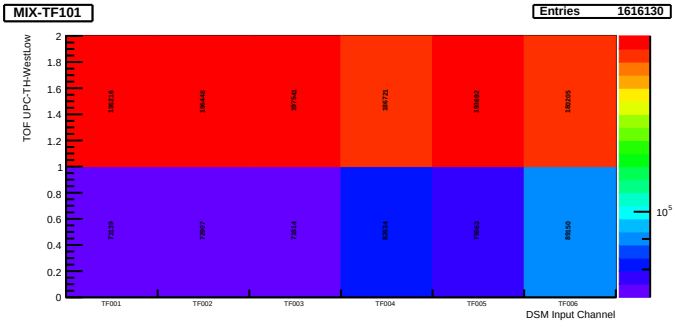

MIX-TF004
Entries 5656455
TOF MULT
TOF tray

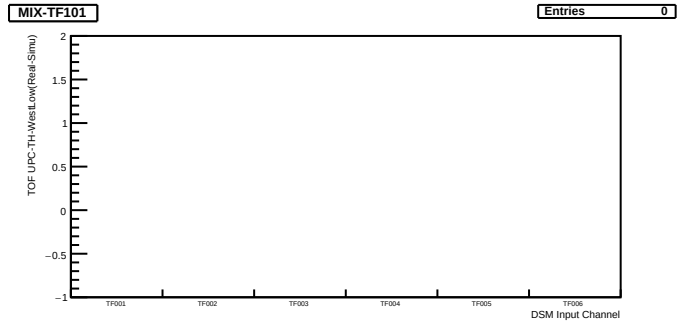

MIX-TF005
Entries 5656455
TOF MULT
TOF tray

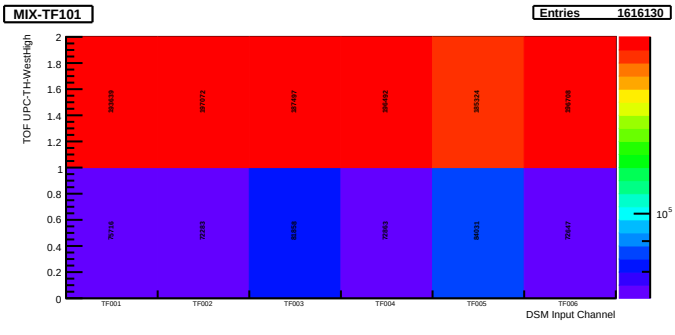

MIX-TF006
Entries 5656455
TOF MULT
TOF tray

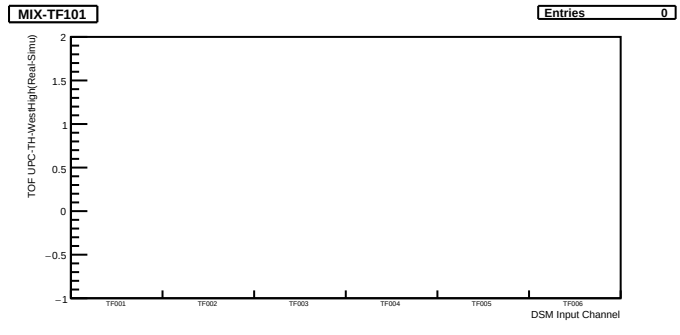

MIX-TF101
Entries 1616130
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

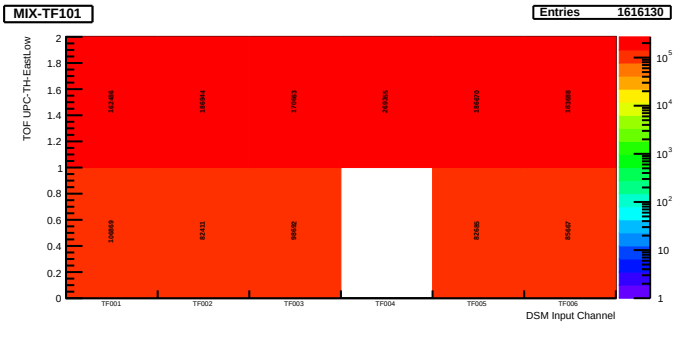

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

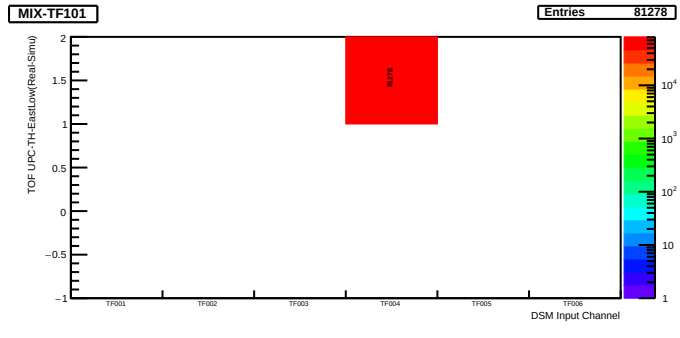

MIX-TF101
Entries 1616130
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

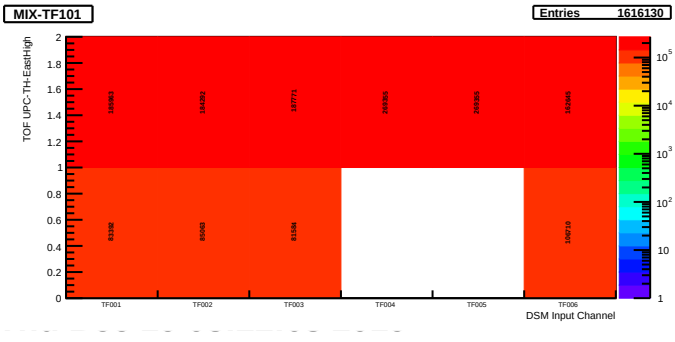

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

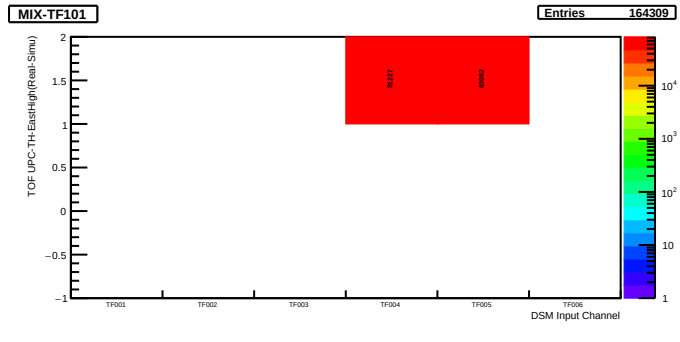

MIX-TF101
Entries 1616130
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

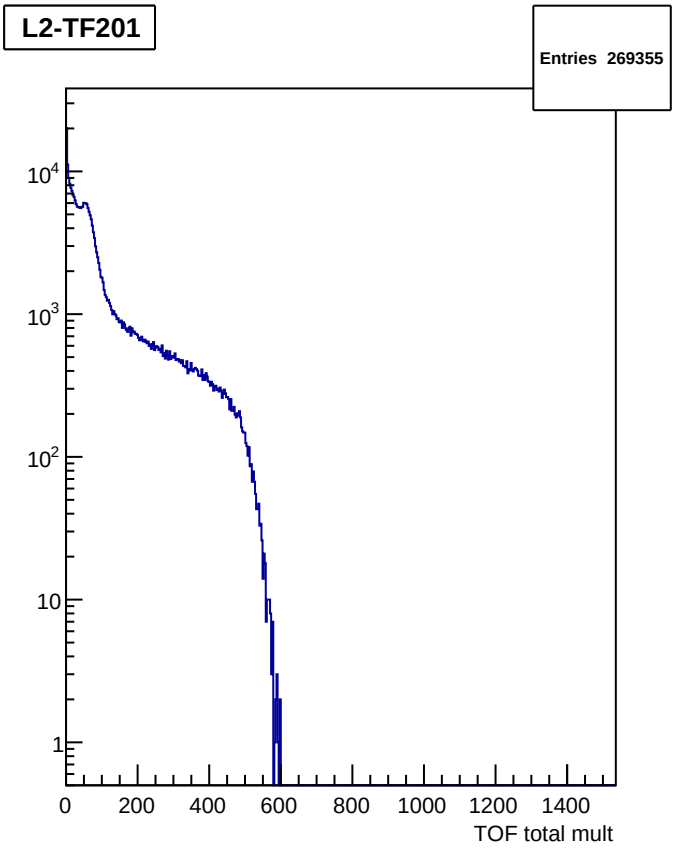

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

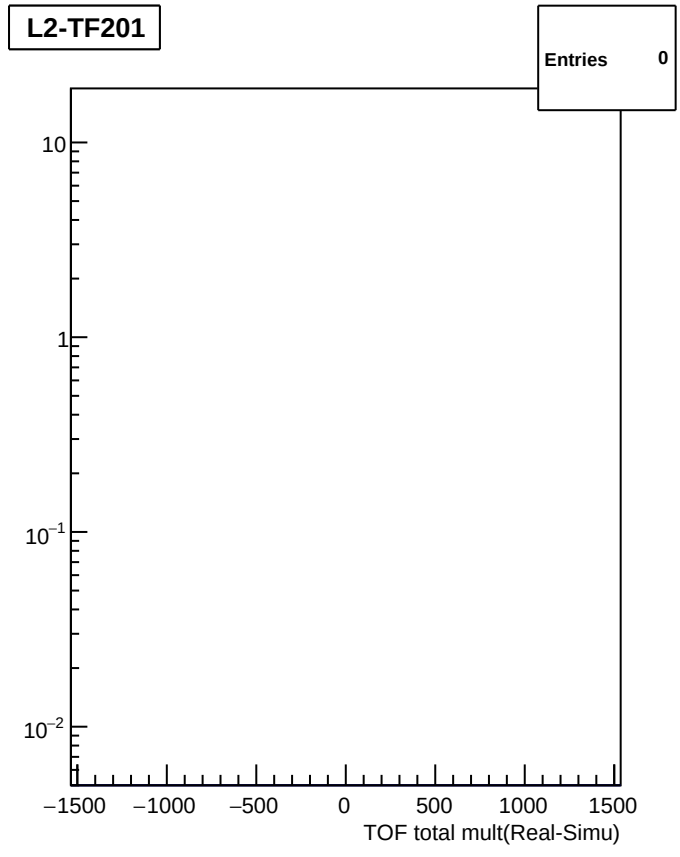

MIX-TF101
Entries 1616130
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

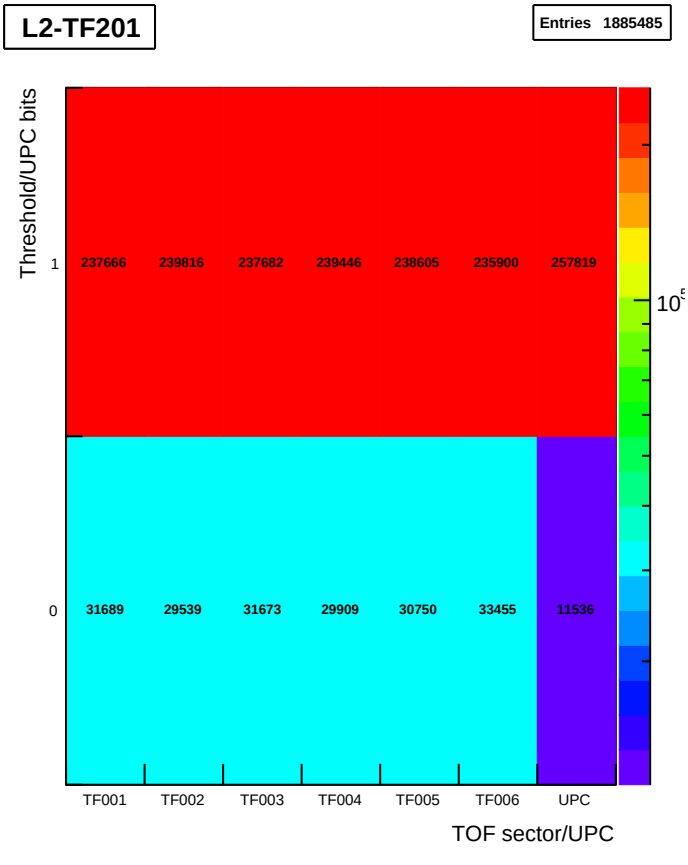

MIX-TF101
Entries 81278
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

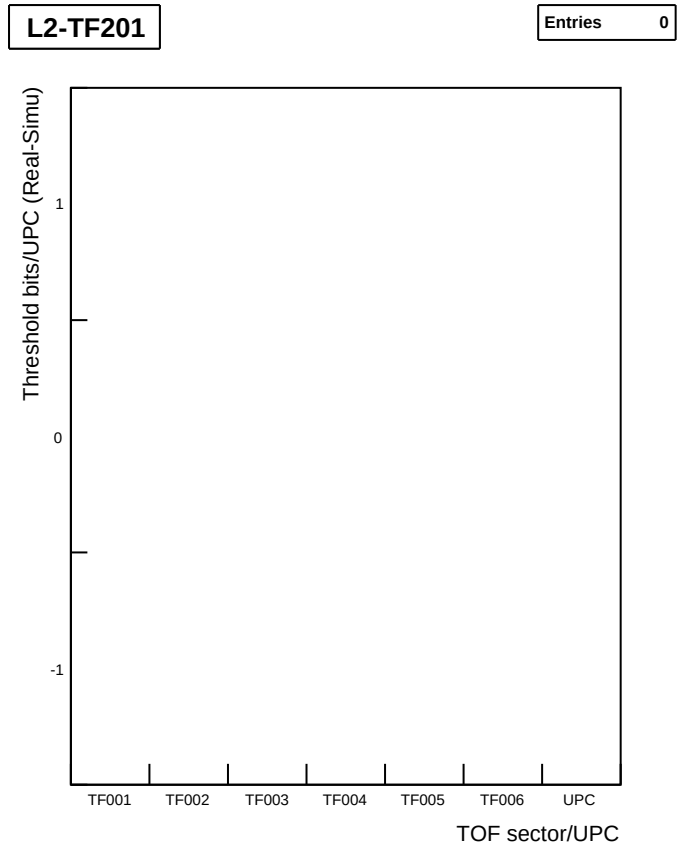

MIX-TF101
Entries 1616130
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

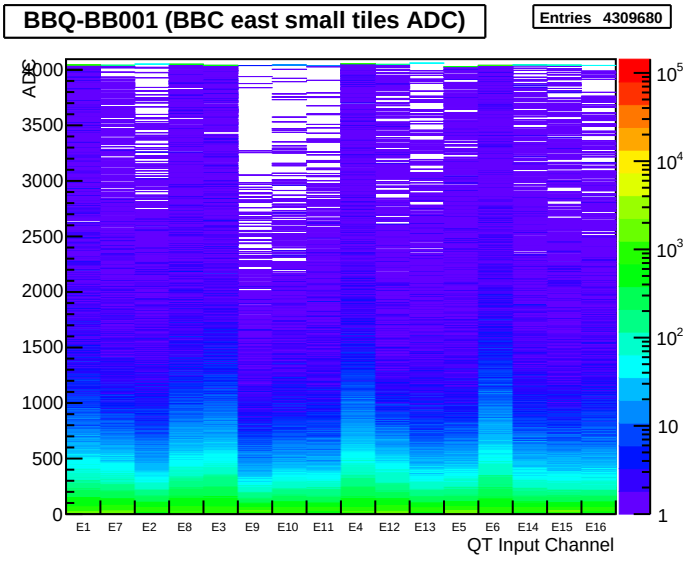

MIX-TF101
Entries 164309
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

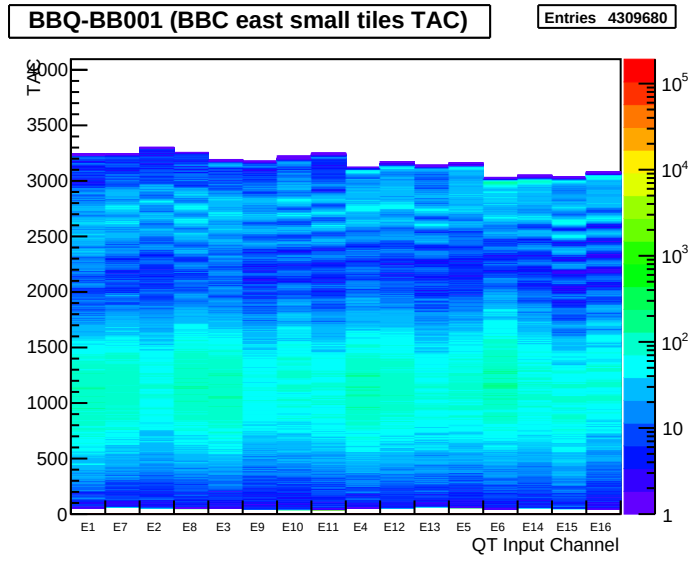

L2-TF201
Entries 269355
TOF total mult

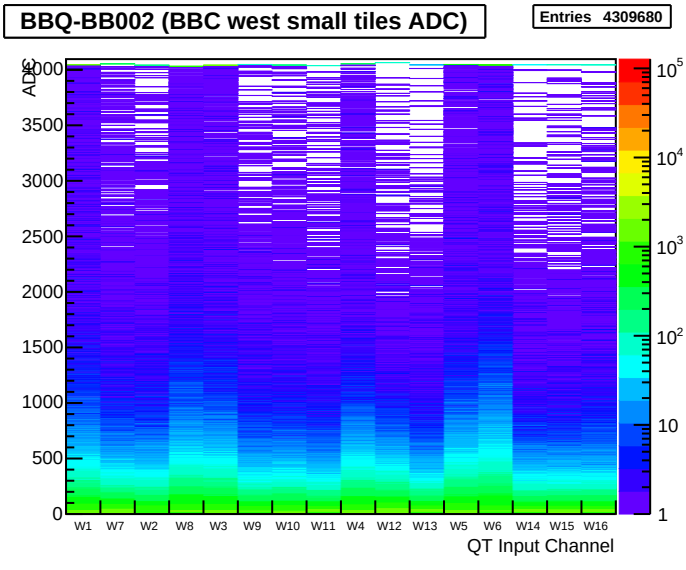

L2-TF201
Entries 0
TOF total mult(Real-Simu)

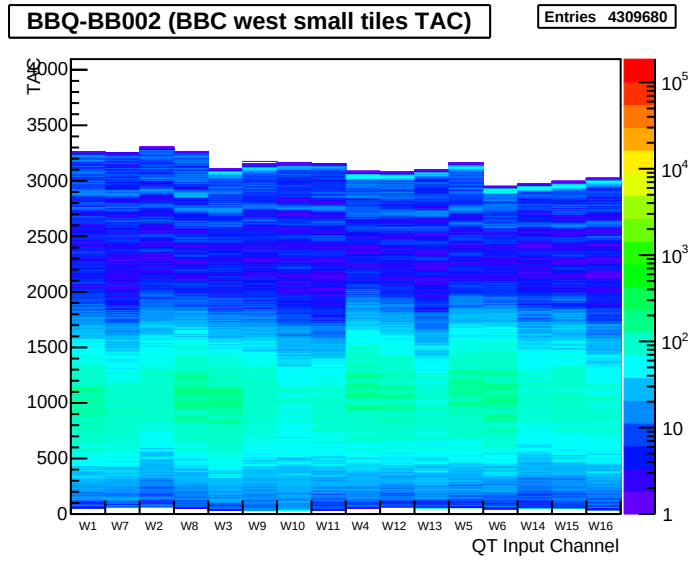

L2-TF201
Entries 1885485
Threshold/UPC bits
237666
239816
237682
239446
238605
235900
257819
31689
29539
31673
29909
30750
33455
11536
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

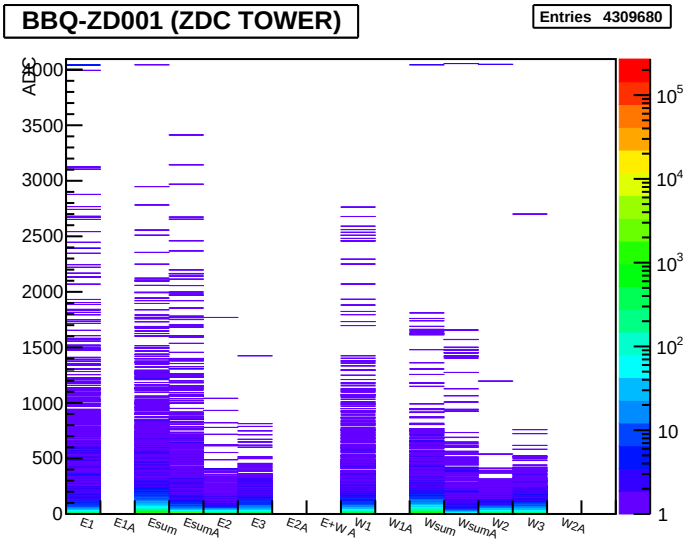

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

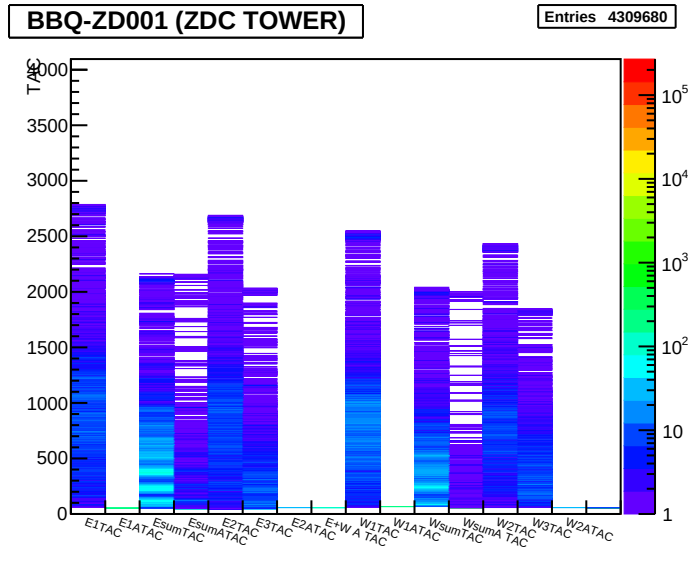

BBQ-BB001 (BBC east small tiles ADC)
Entries 4309680
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

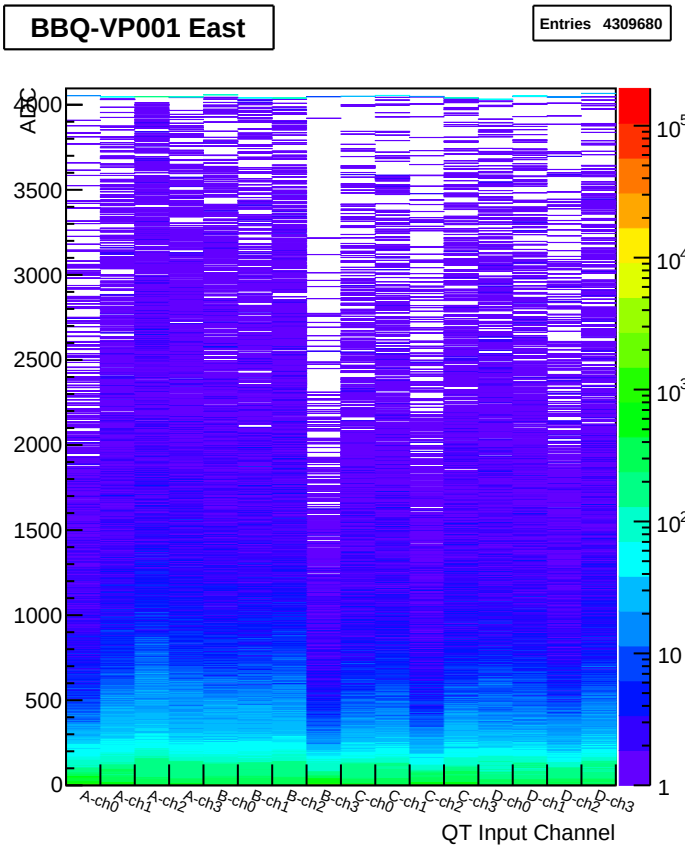

BBQ-BB001 (BBC east small tiles TAC)
Entries 4309680
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

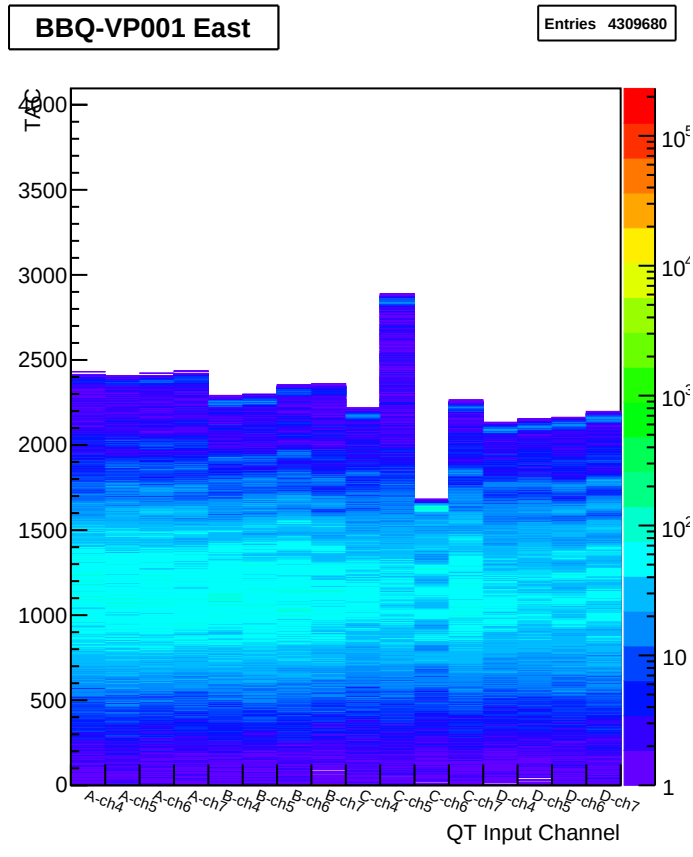

BBQ-BB002 (BBC west small tiles ADC)
Entries 4309680
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

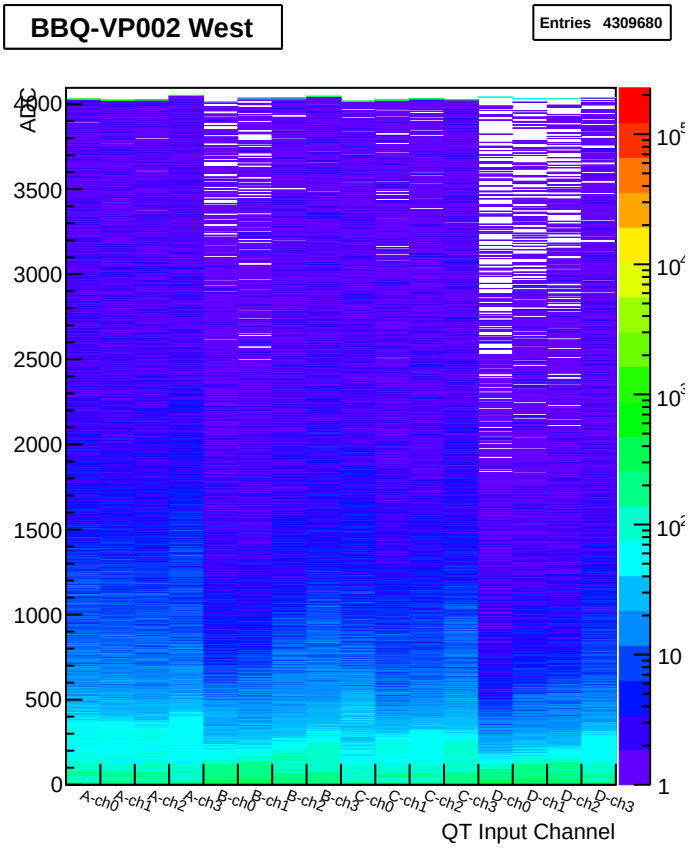

BBQ-BB002 (BBC west small tiles TAC)
Entries 4309680
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

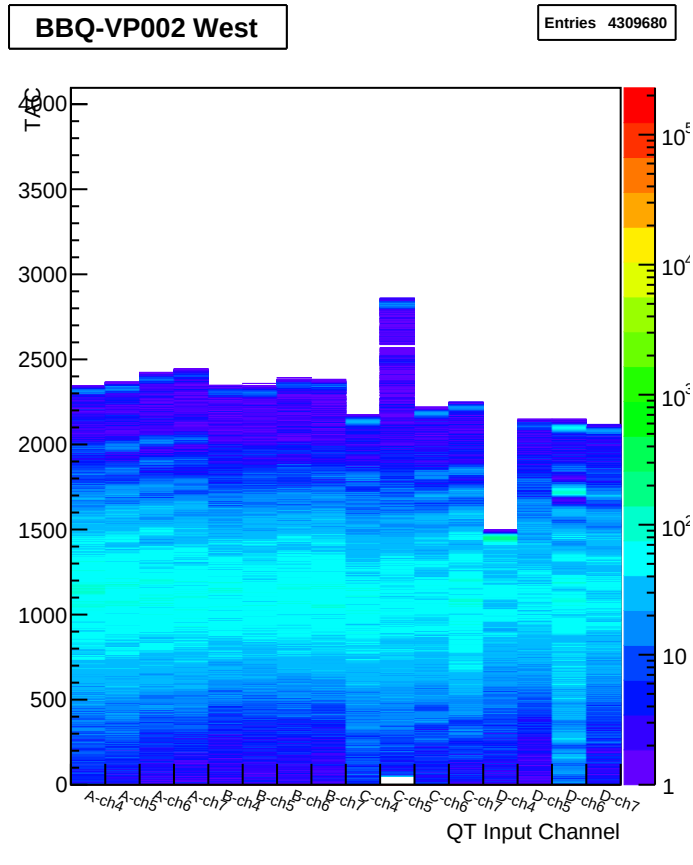

BBQ-ZD001 (ZDC TOWER)
Entries 4309680
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

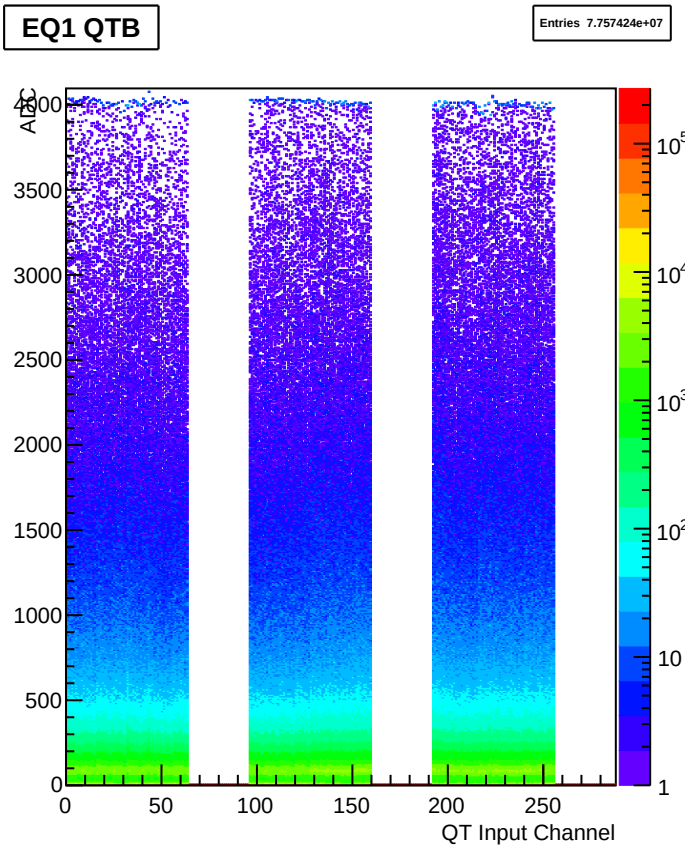

BBQ-ZD001 (ZDC TOWER)
Entries 4309680
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

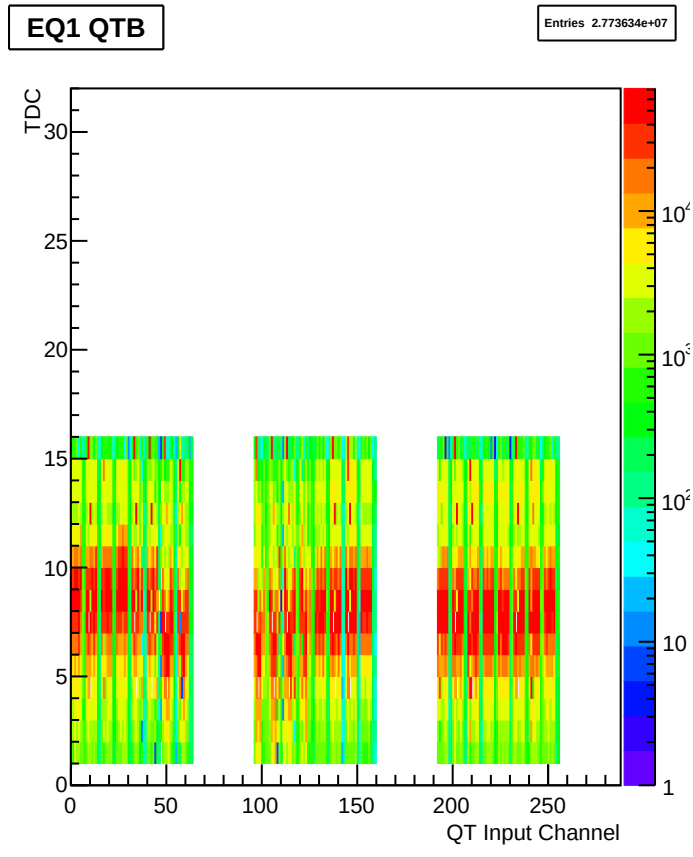

BBQ-VP001 East
Entries 4309680
ADC
QT Input Channel

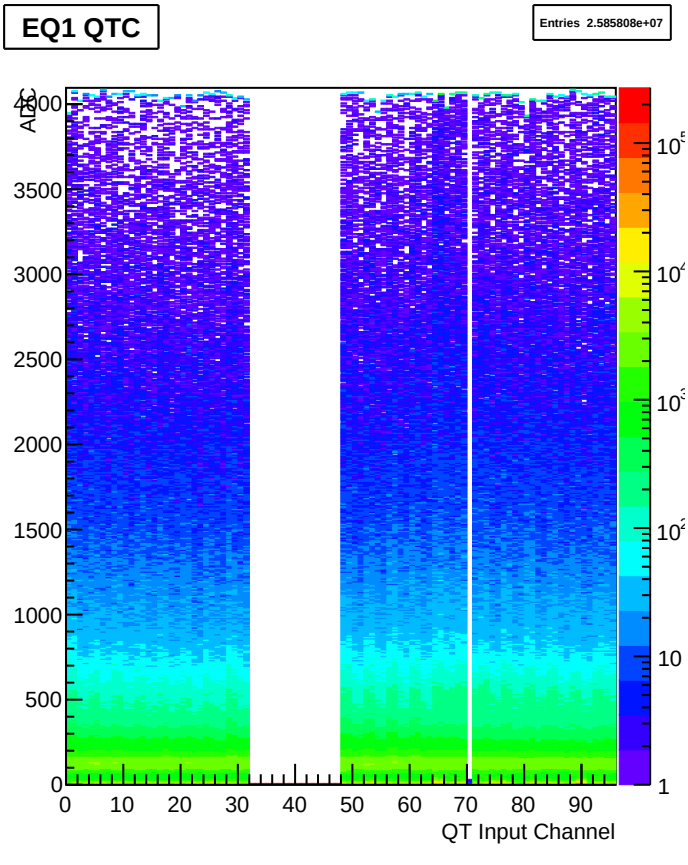

BBQ-VP001 East
Entries 4309680
TADC
QT Input Channel

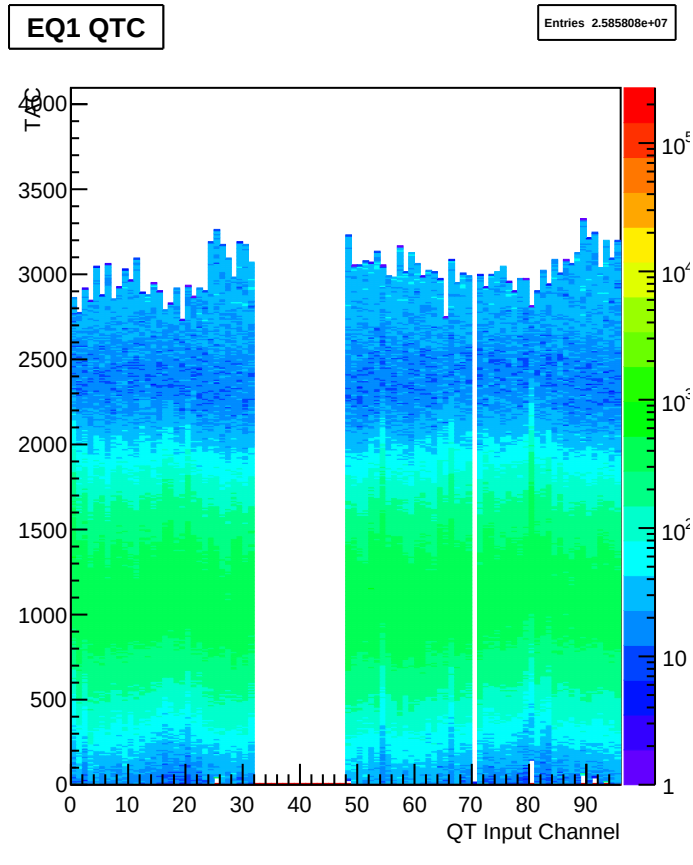

BBQ-VP002 West
Entries 4309680
ADC
QT Input Channel

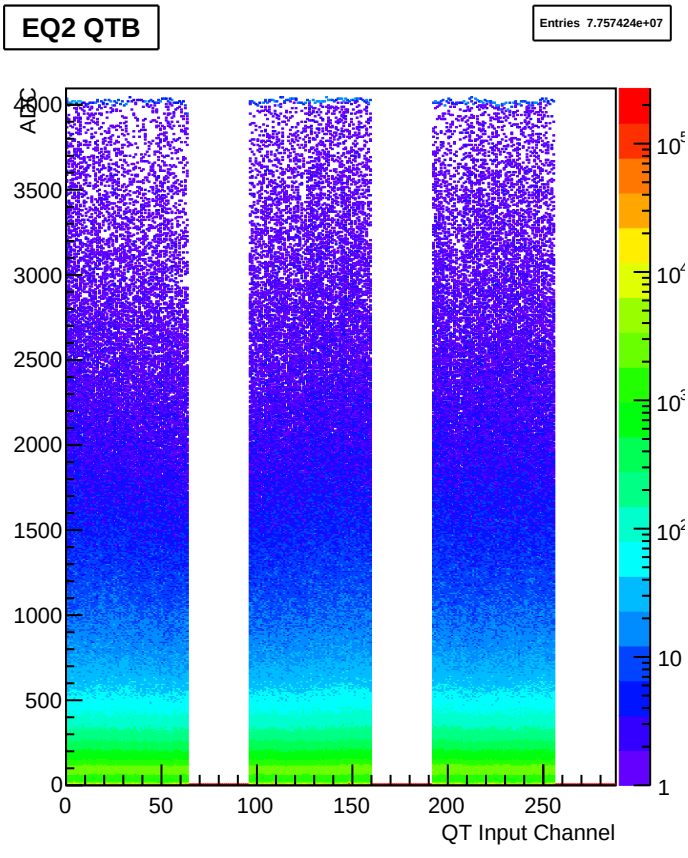

BBQ-VP002 West
Entries 4309680
TADC
QT Input Channel

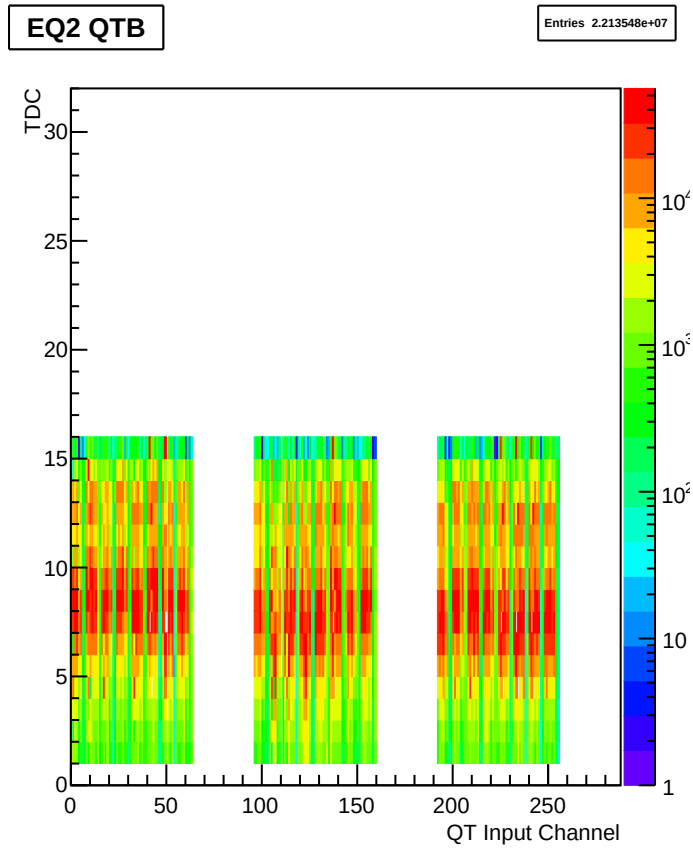

EQ1 QTB
Entries 7.757424e+07
ADC
QT Input Channel

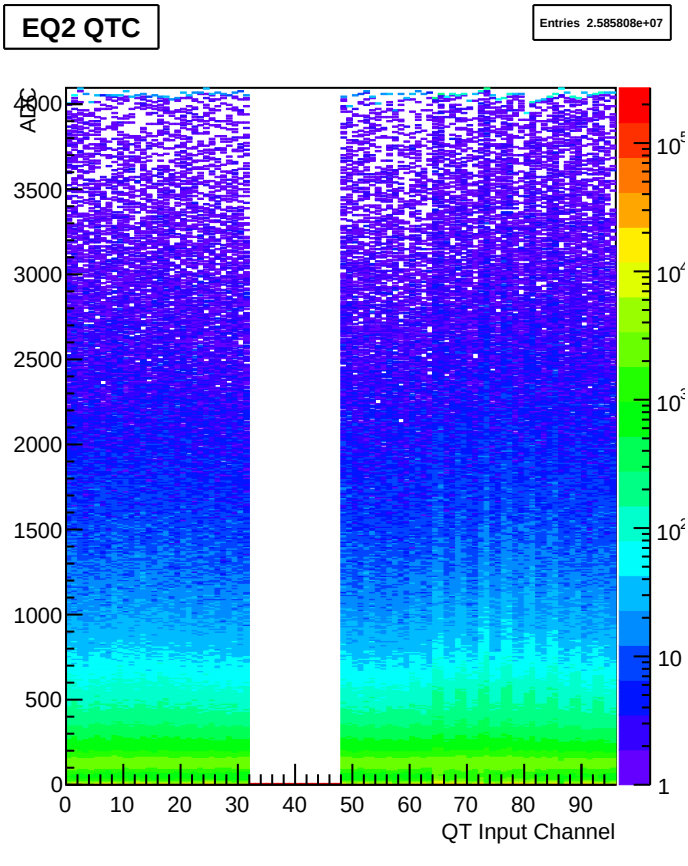

EQ1 QTB
Entries 2.773634e+07
TDC
QT Input Channel

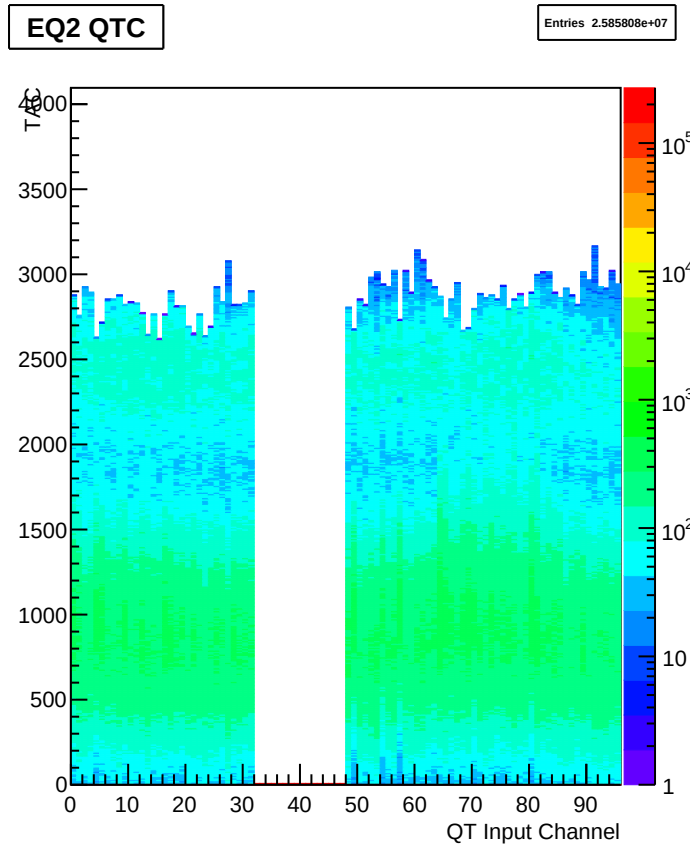

EQ1 QTC
Entries 2.585808e+07
ADC
QT Input Channel

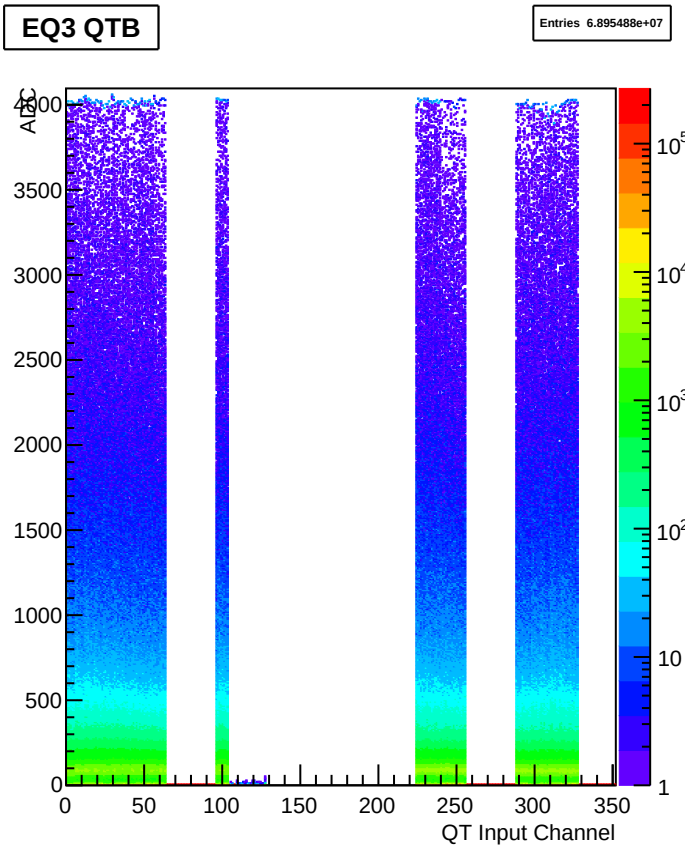

EQ1 QTC
Entries 2.585808e+07
TADC
QT Input Channel

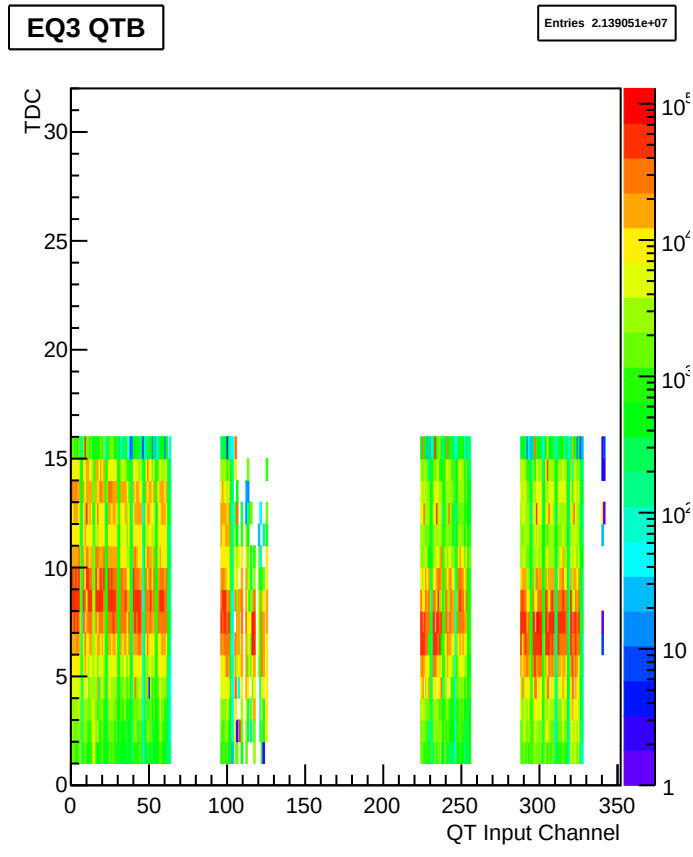

EQ2 QTB
Entries 7.757424e+07
ADC
QT Input Channel

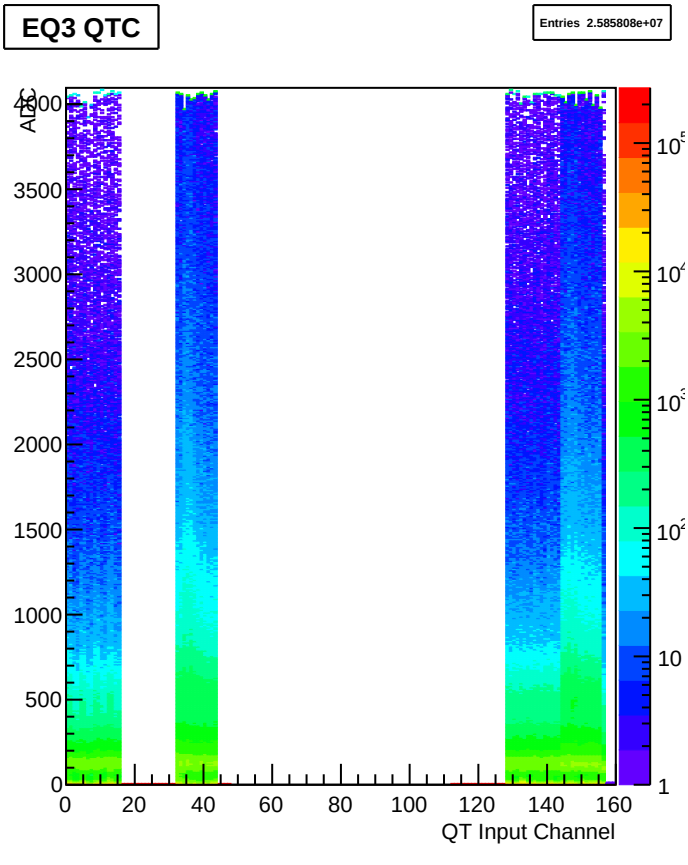

EQ2 QTB
Entries 2.213548e+07
TDC
QT Input Channel

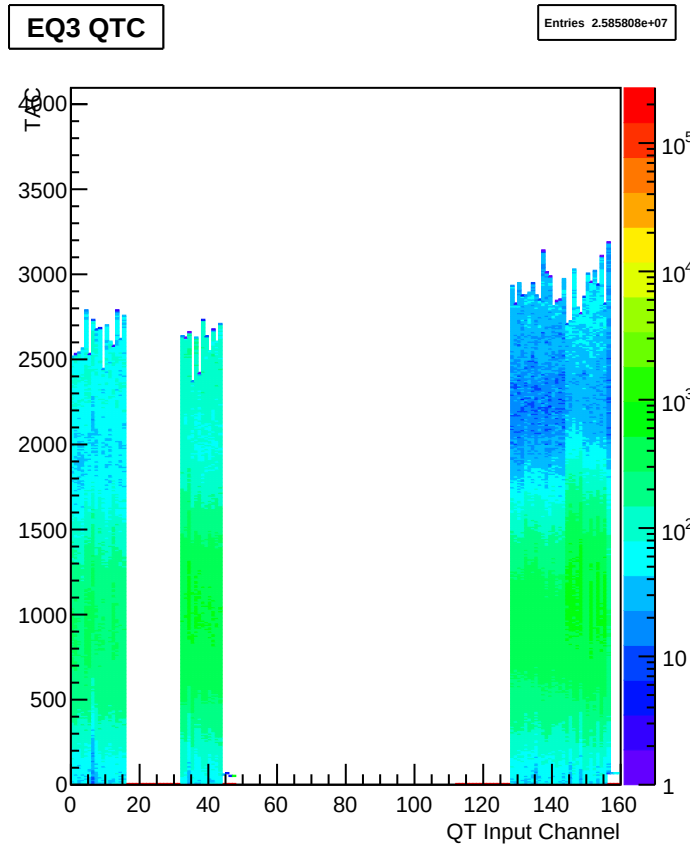

EQ2 QTC
Entries 2.585808e+07
ADC
QT Input Channel

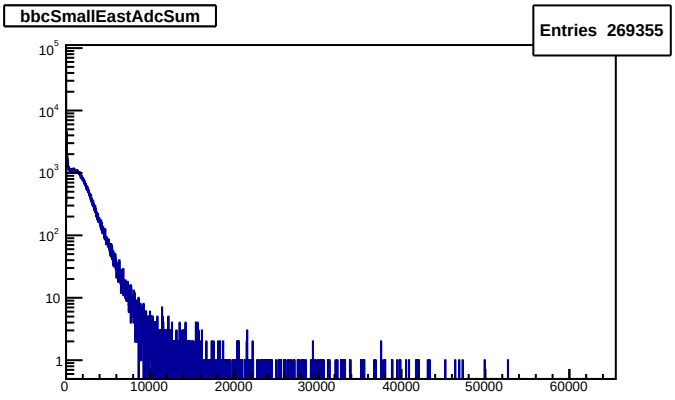

EQ2 QTC
Entries 2.585808e+07
TADC
QT Input Channel

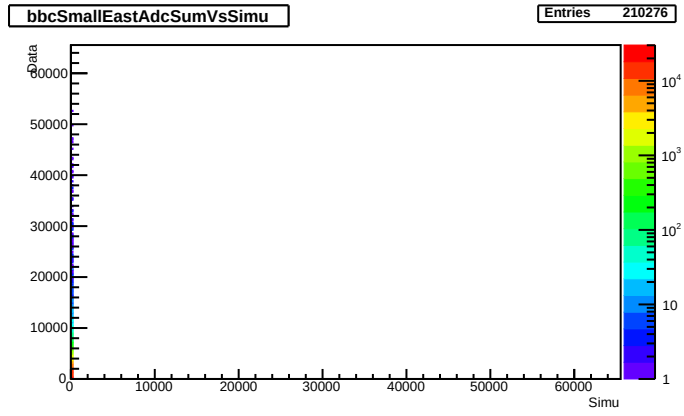

EQ3 QTB
Entries 6.895488e+07
ADC
QT Input Channel

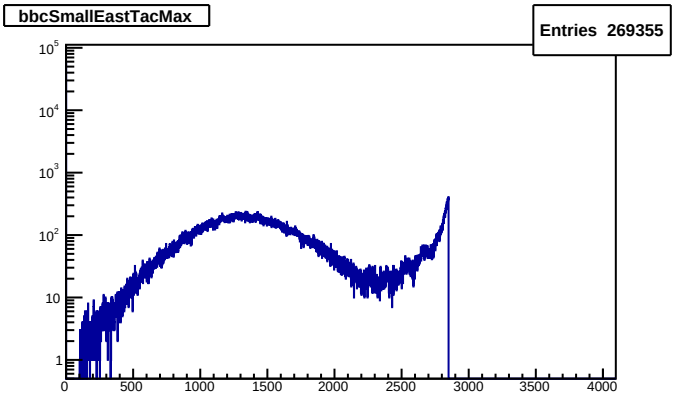

EQ3 QTB
Entries 2.139051e+07
TDC
QT Input Channel

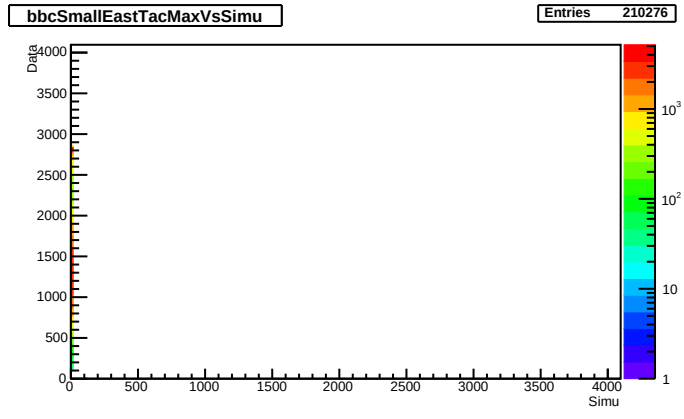

EQ3 QTC
Entries 2.585808e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.585808e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 269355


bbcSmallEastAdcSumVsSimu
Entries 210276
Data
Simu


bbcSmallEastTacMax
Entries 269355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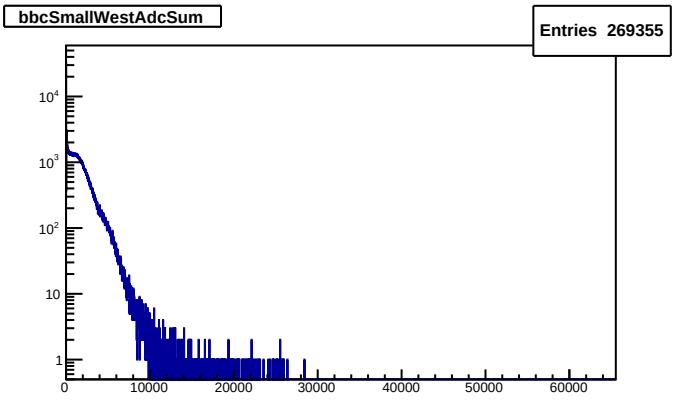
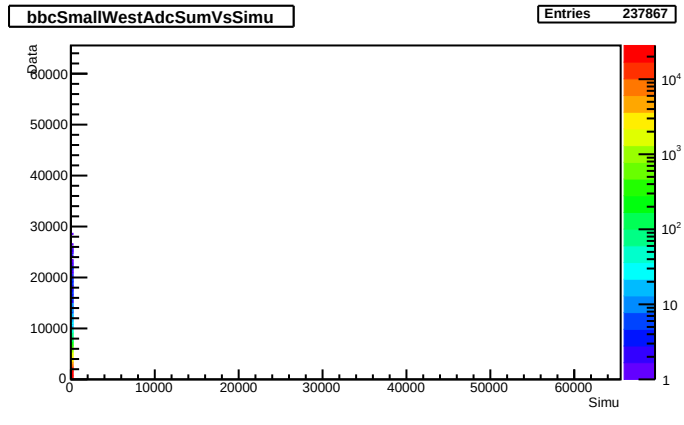
Entries 210276
Data
Simu


bbcSmallWestAdcSum
Entries 269355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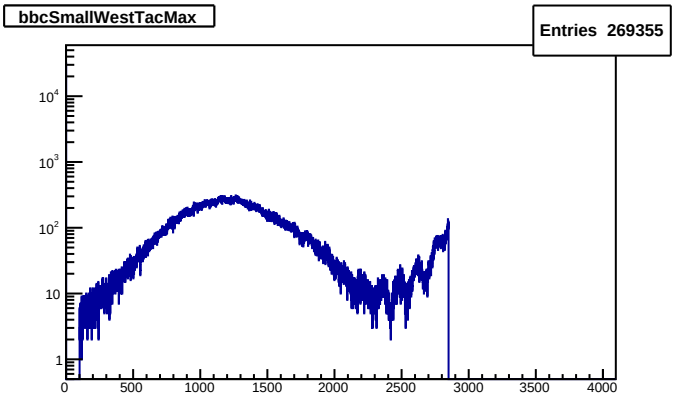
Entries 237867
Data
Simu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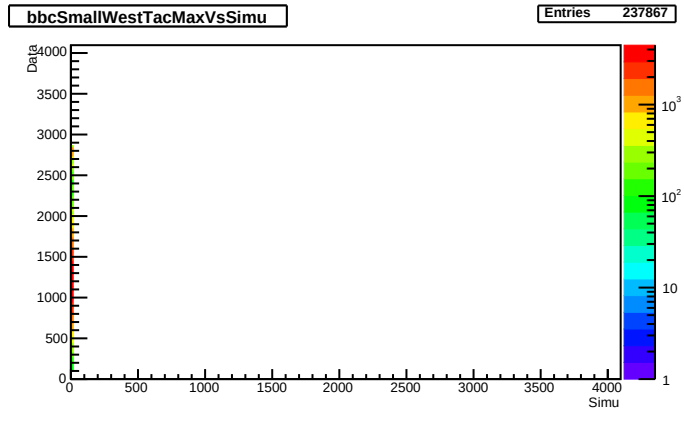
Entries 269355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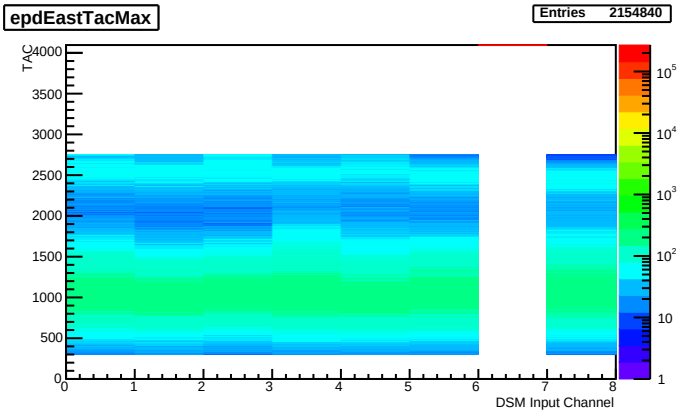
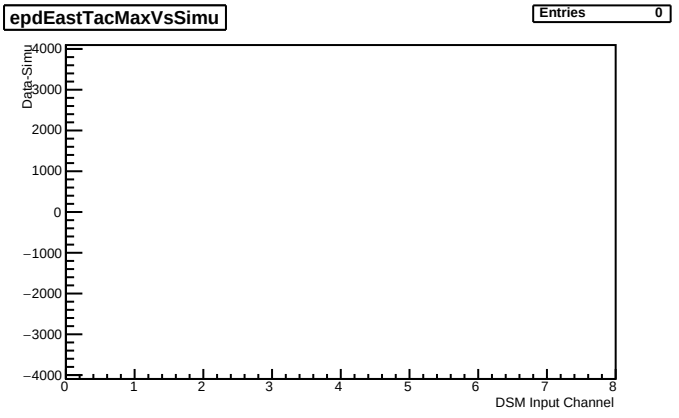
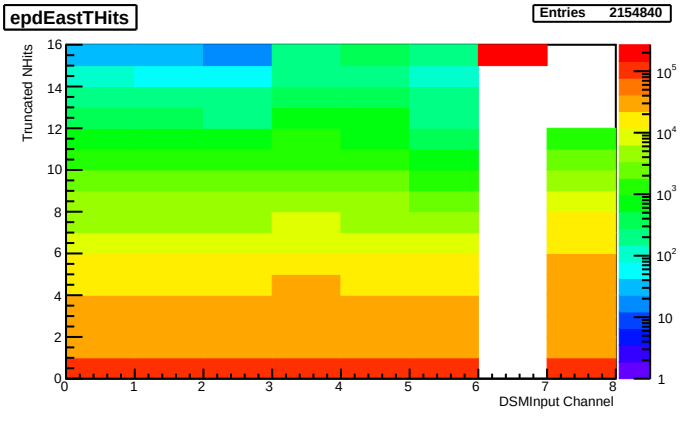
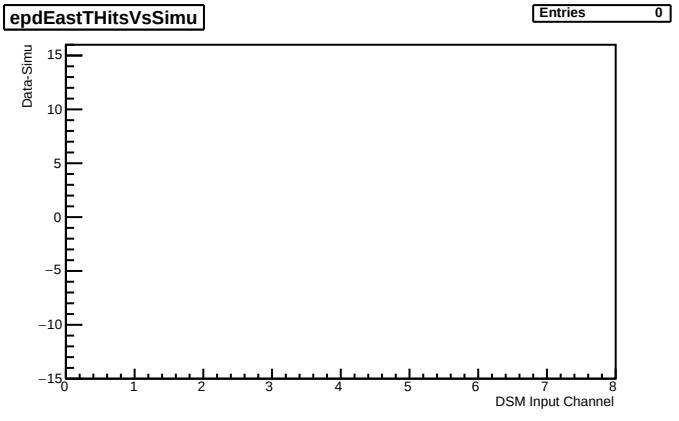
Entries 237867
Data
Simu


epdEastTacMax
Entries 2154840
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2154840
Truncated NHits
DSMInput Channel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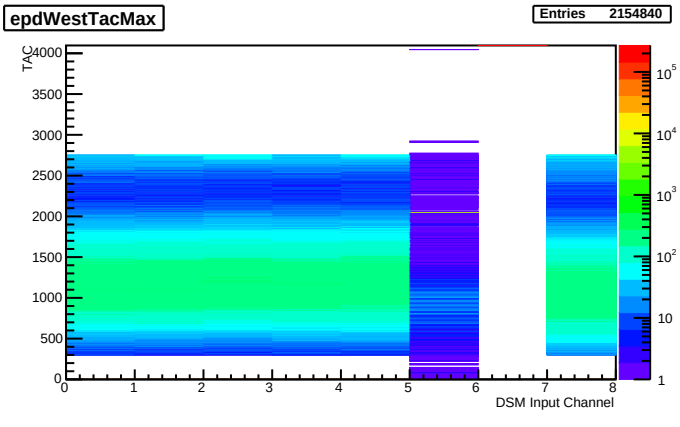
Data-Simu
DSM Input Channel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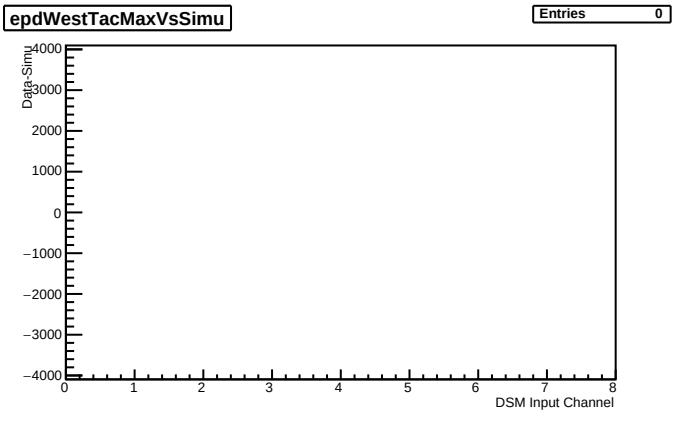
Entries 2154840
TAC
DSM Input Channel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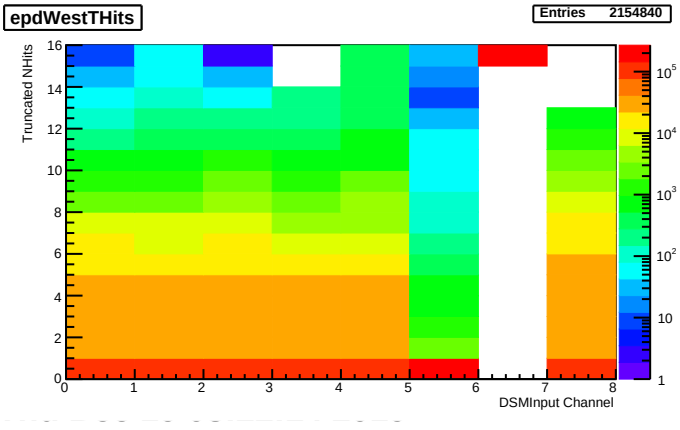
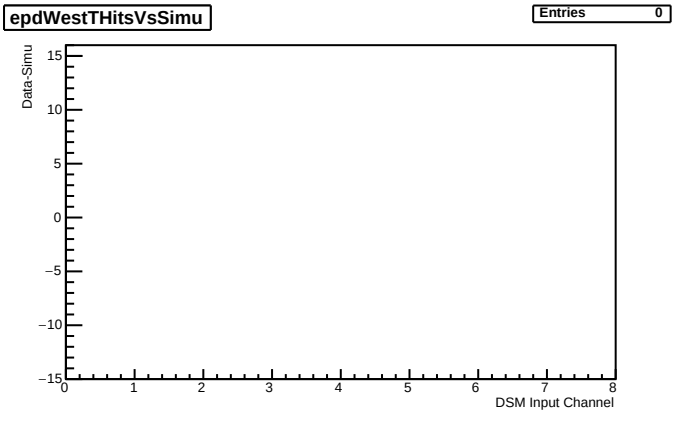
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2154840
Truncated NHits
DSMInput Channel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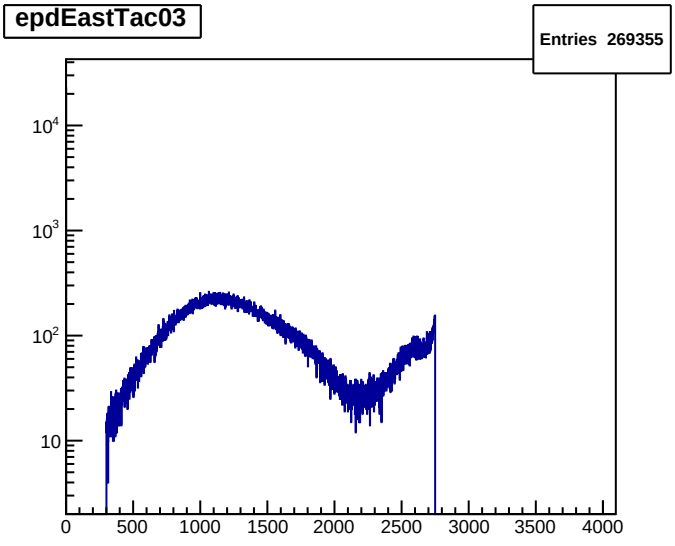
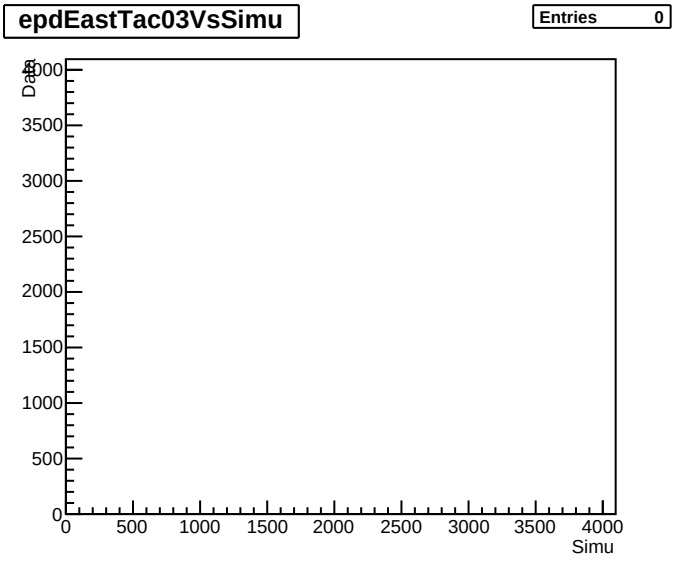
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 269355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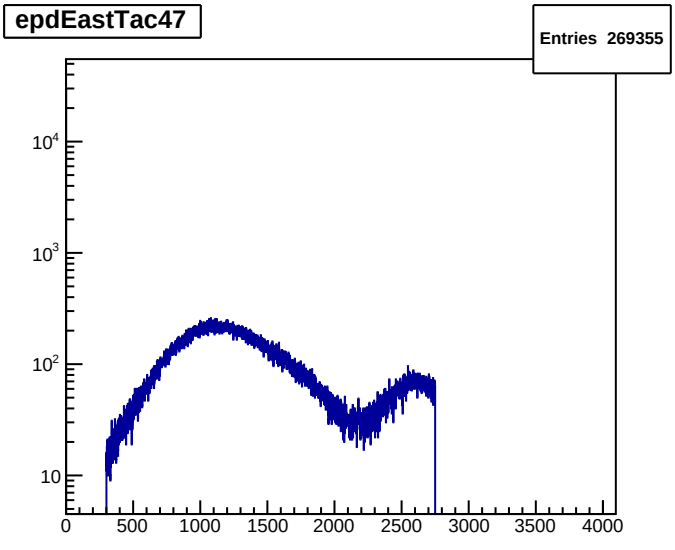
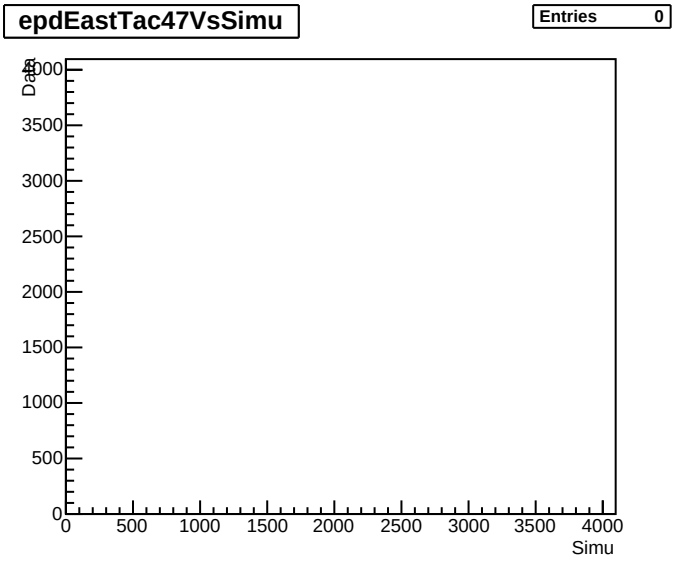
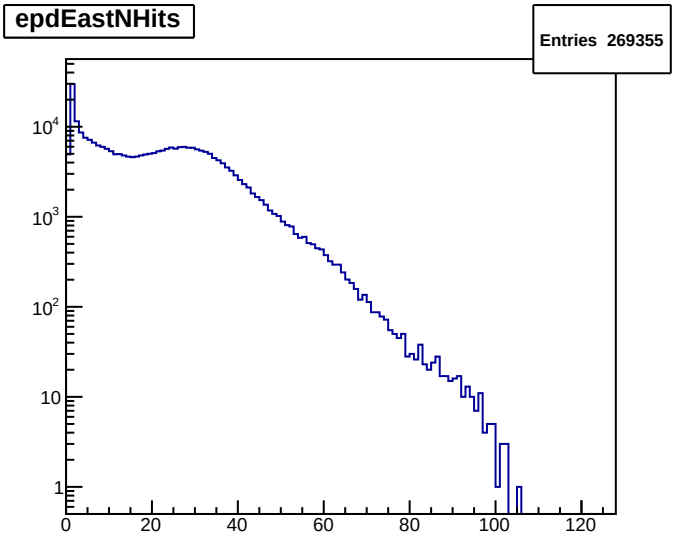
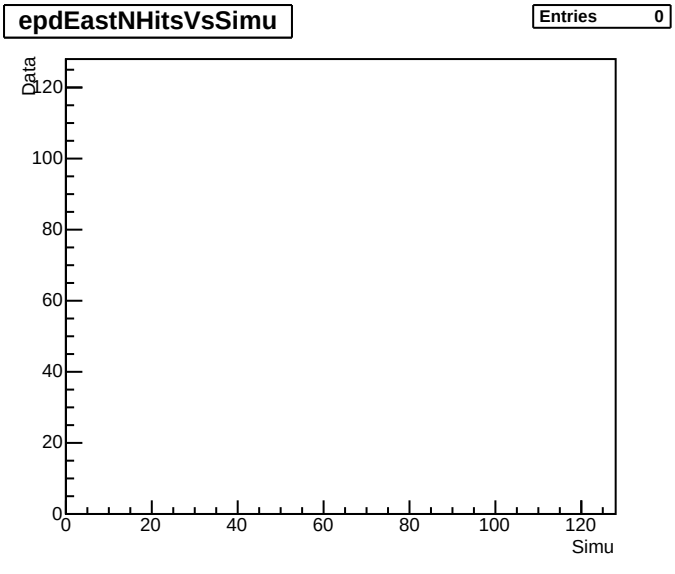
Entries 0
Data
Simu


epdEastTac47
Entries 269355


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 269355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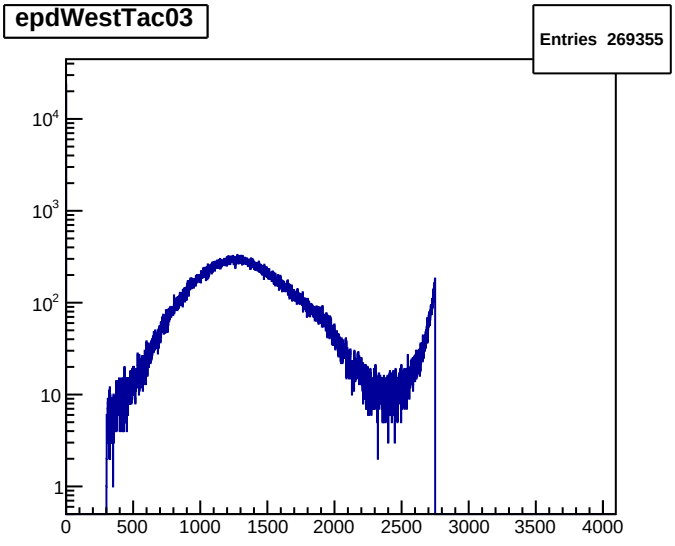
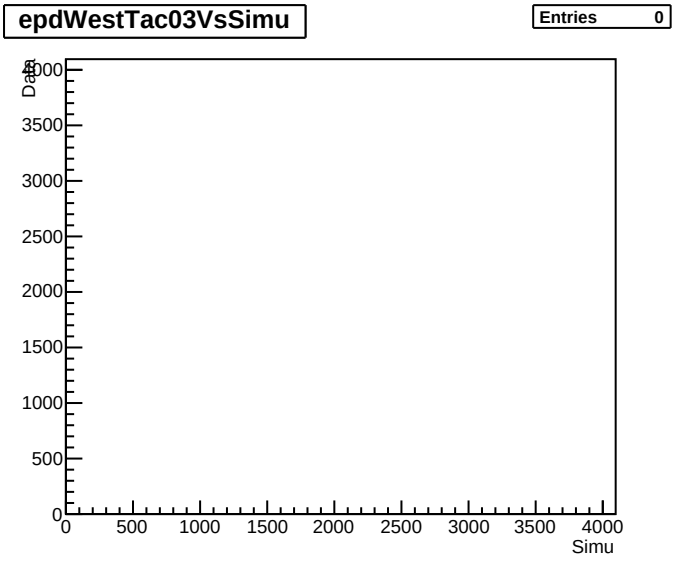
Entries 0
Data
Simu


epdWestTac03
Entries 269355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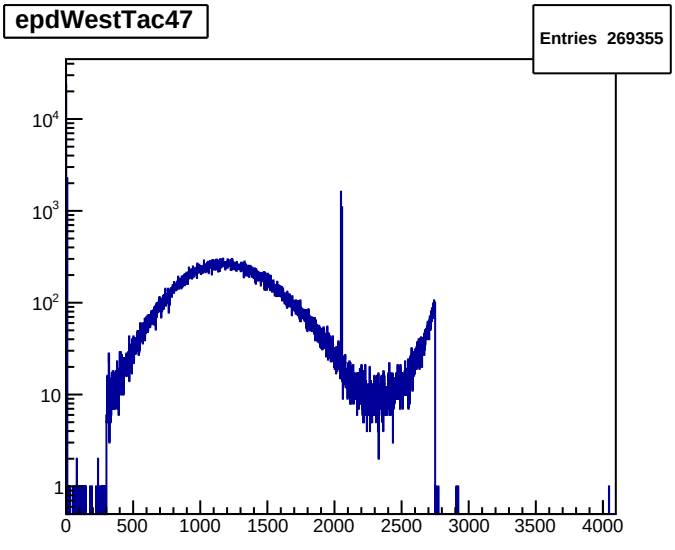
Entries 0
Data
Simu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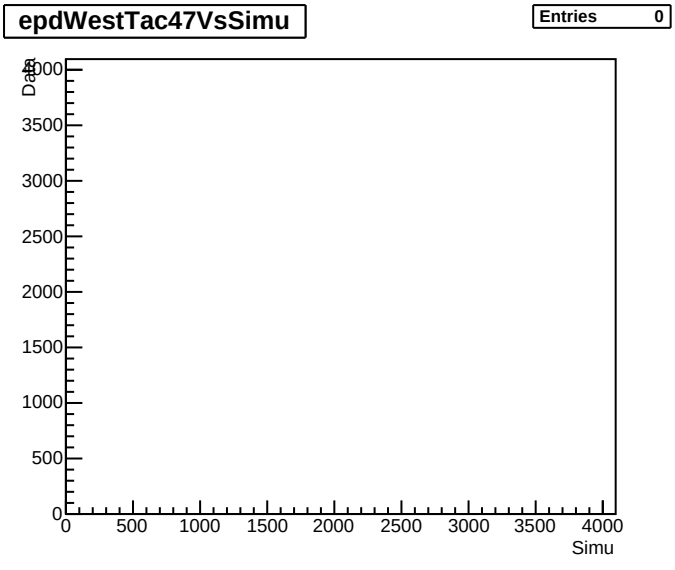
Entries 269355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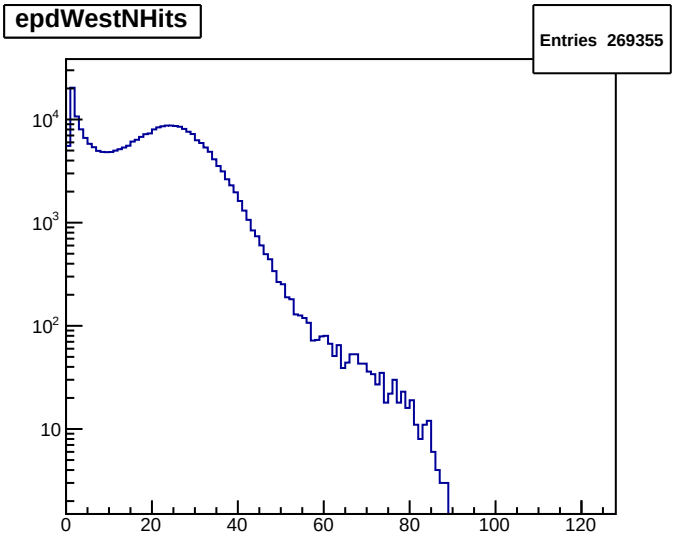
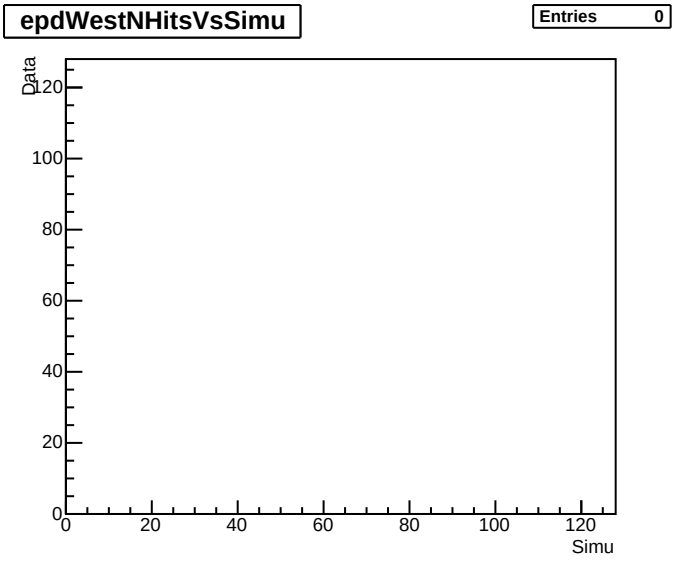
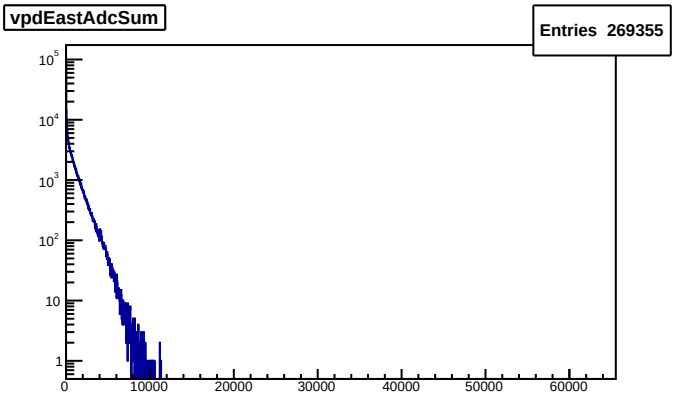
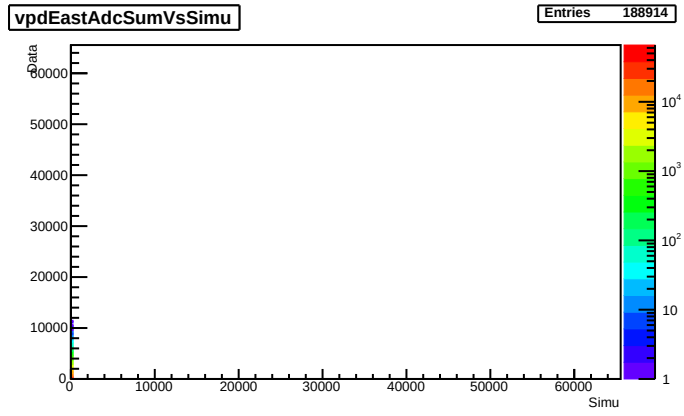
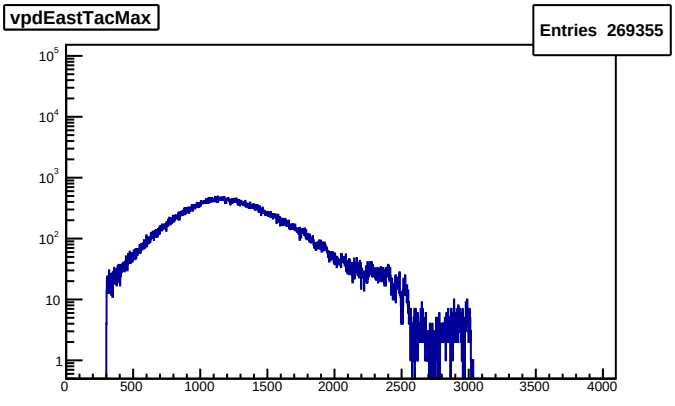
Data
Simu

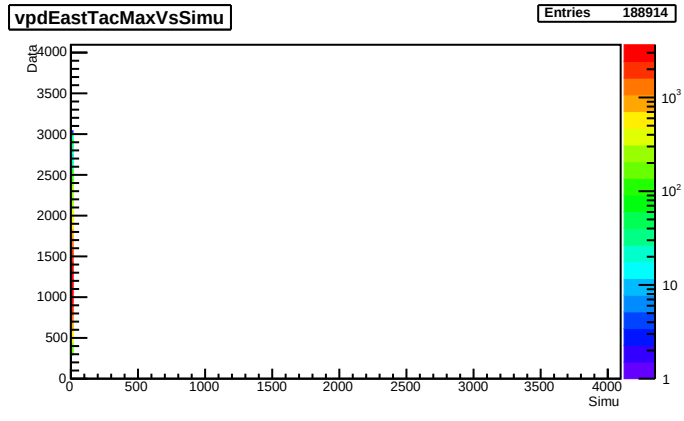

epdWestNHits
Entries 269355

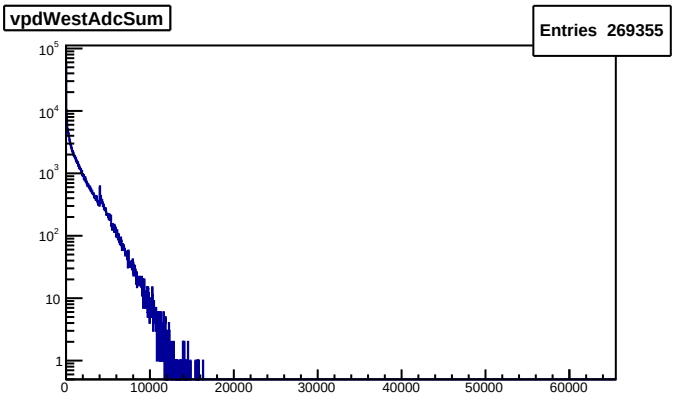

epdWestNHitsVsSimu
Entries 0
Data
Simu

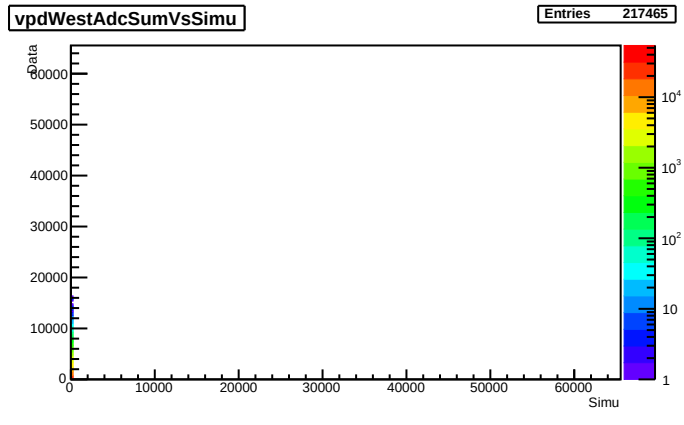

vpdEastAdcSum
Entries 269355

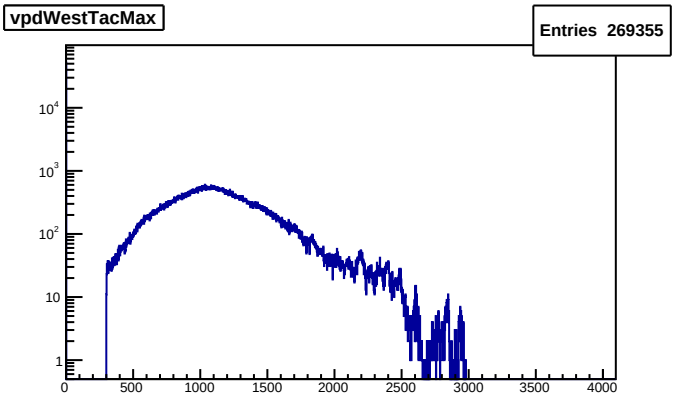

vpdEastAdcSumVsSimu
Entries 188914
Data
Simu

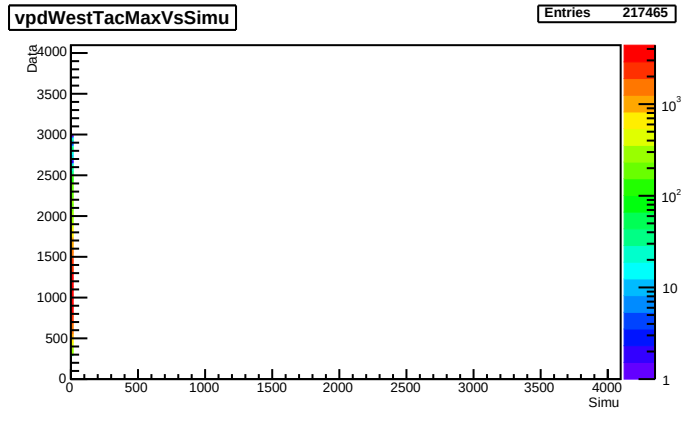

vpdEastTacMax
Entries 269355

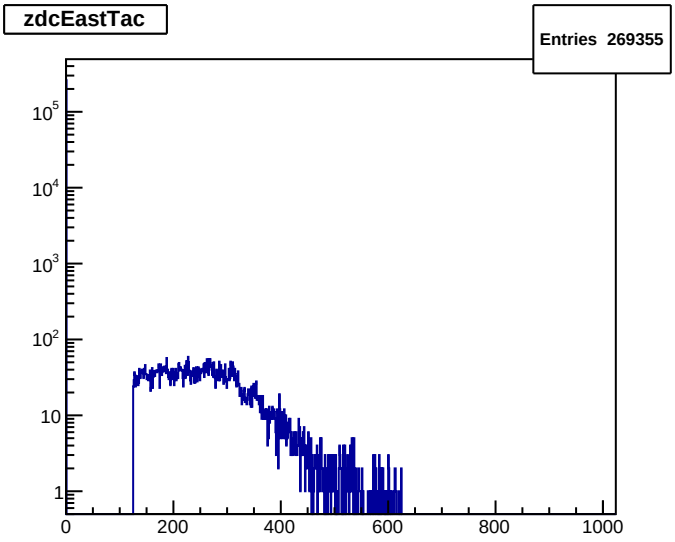

vpdEastTacMaxVsSimu
Entries 188914
Data
Simu

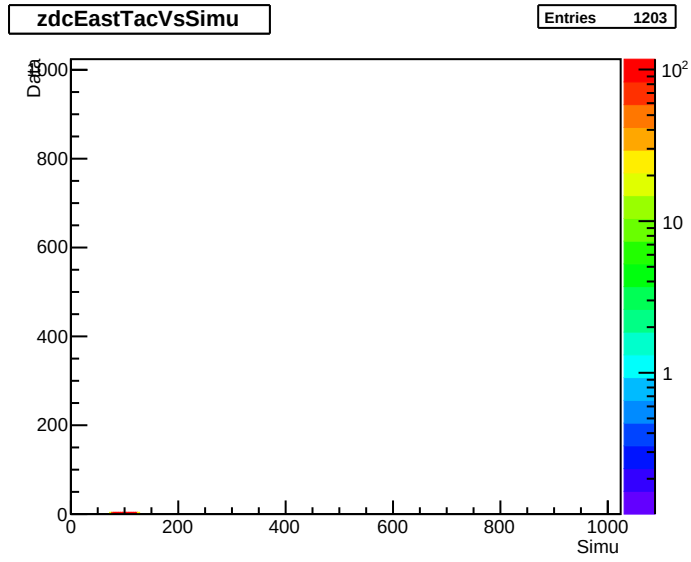

vpdWestAdcSum
Entries 269355

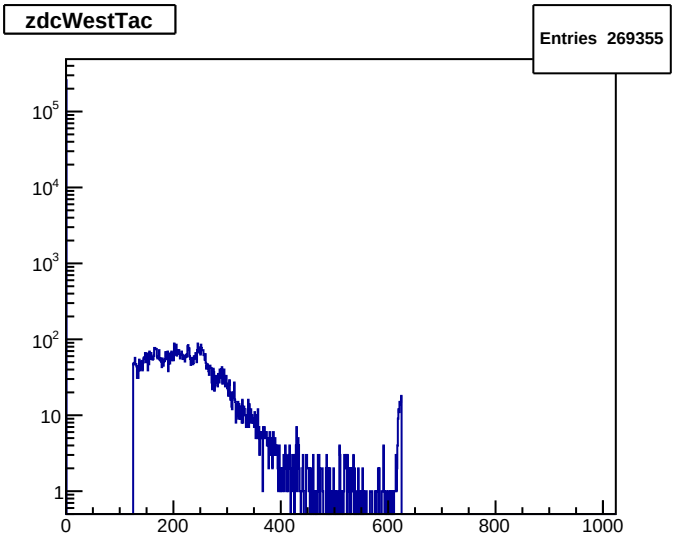

vpdWestAdcSumVsSimu
Entries 217465
Data
Simu

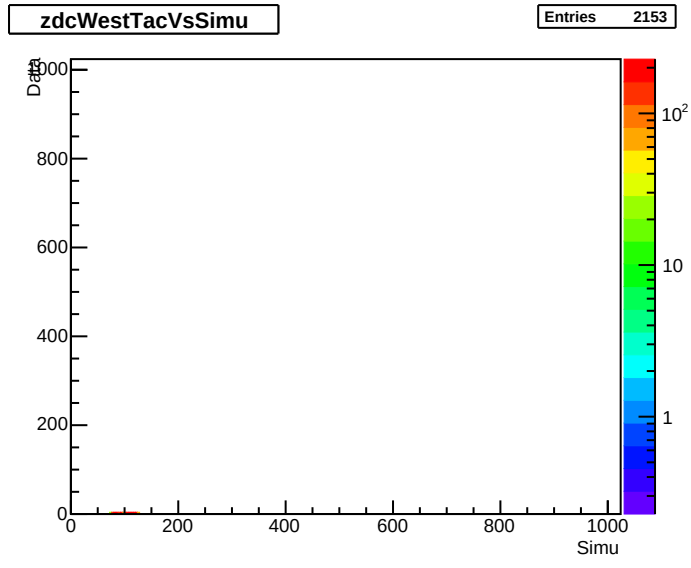

vpdWestTacMax
Entries 269355

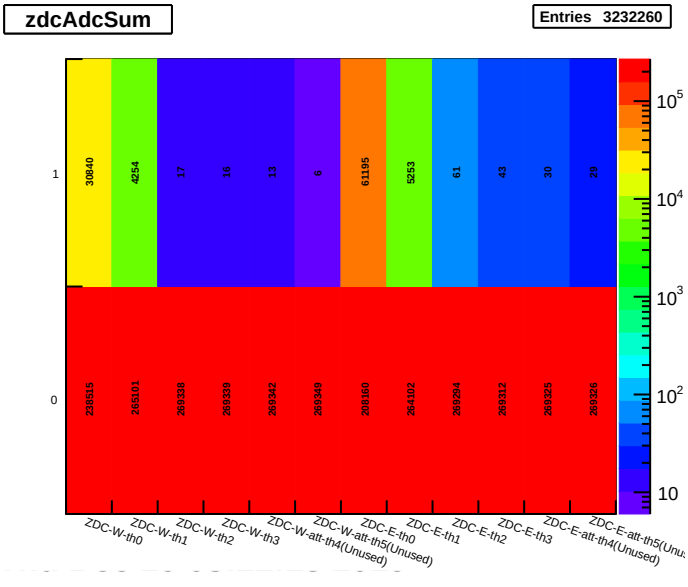

vpdWestTacMaxVsSimu
Entries 217465
Data
Simu

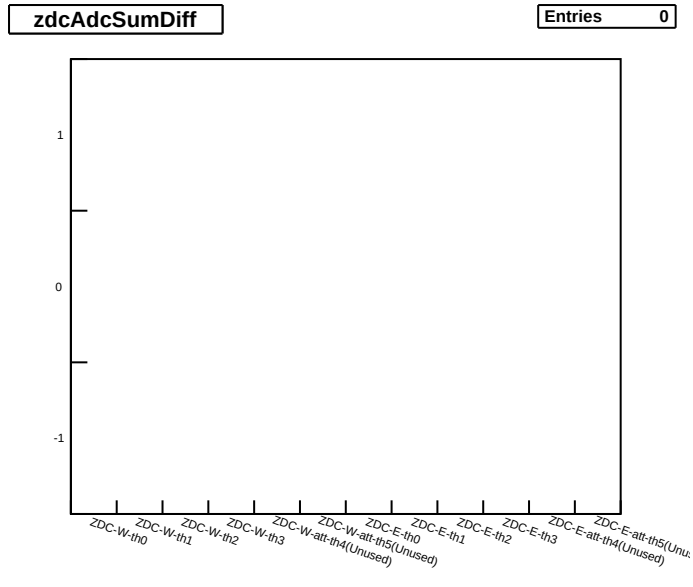

zdcEastTac
Entries 269355

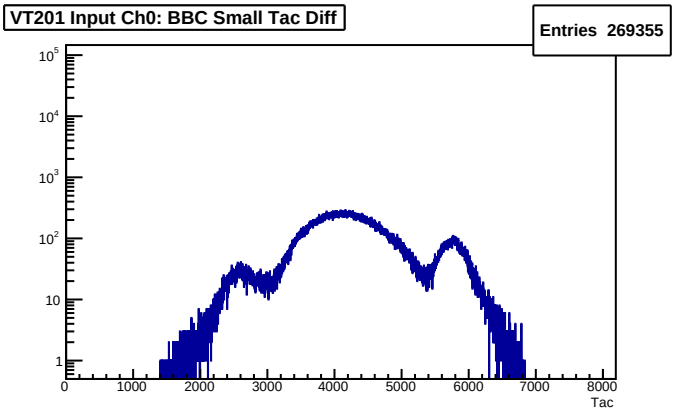

zdcEastTacVsSimu
Entries 1203
Data
Simu

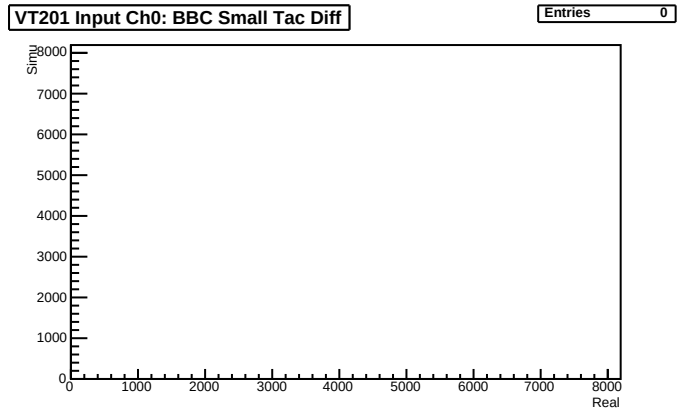

zdcWestTac
Entries 269355

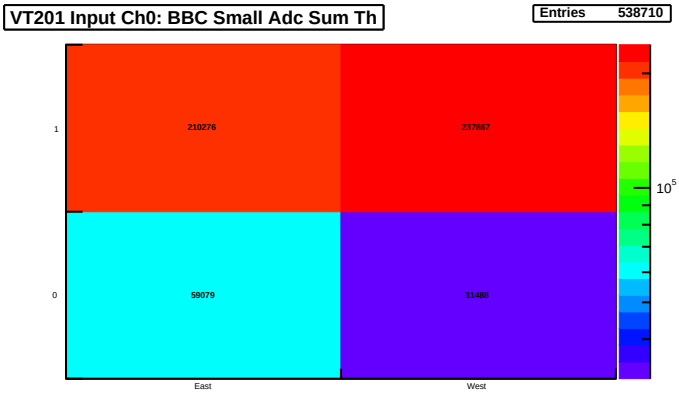

zdcWestTacVsSimu
Entries 2153
Data
Simu

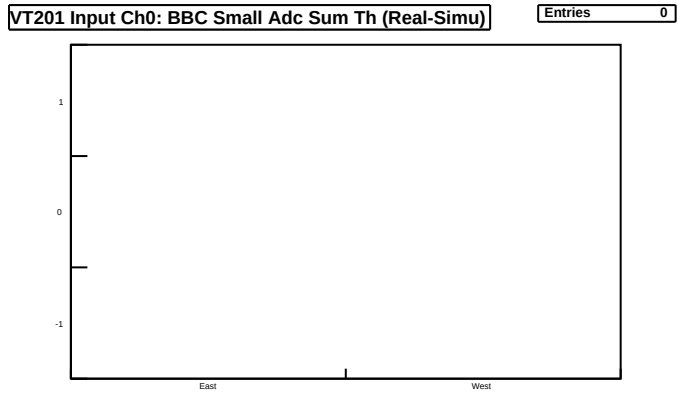

zdcAdcSum
Entries 3232260
30840
4254
17
16
13
6
61195
5253
61
43
30
29
238515
265101
269338
269339
269342
269349
208160
264102
269294
269312
269325
269326
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

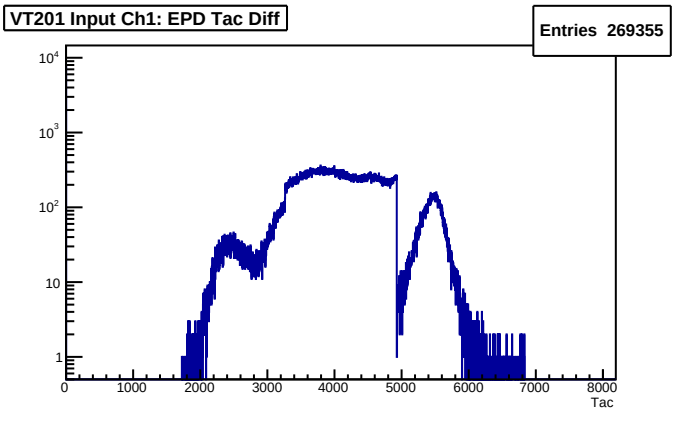

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

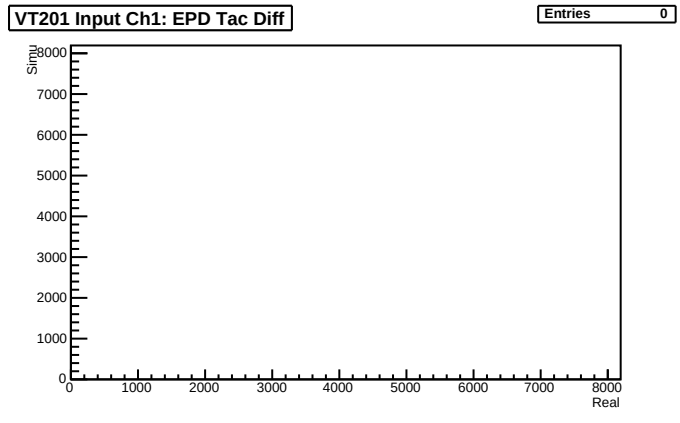

VT201 Input Ch0: BBC Small Tac Diff
Entries 269355
Tac

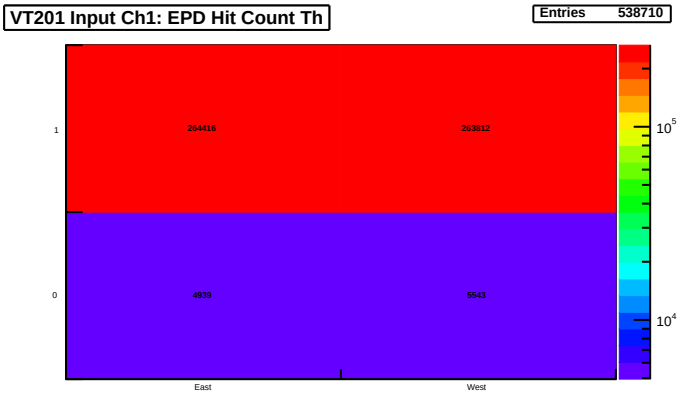

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

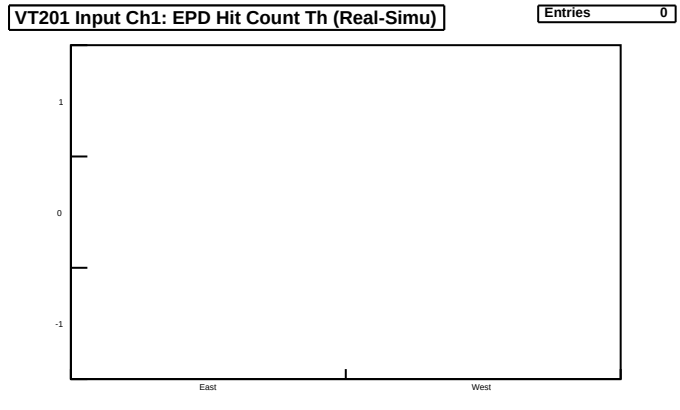

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 538710
210276
237867
59079
31488
East
West

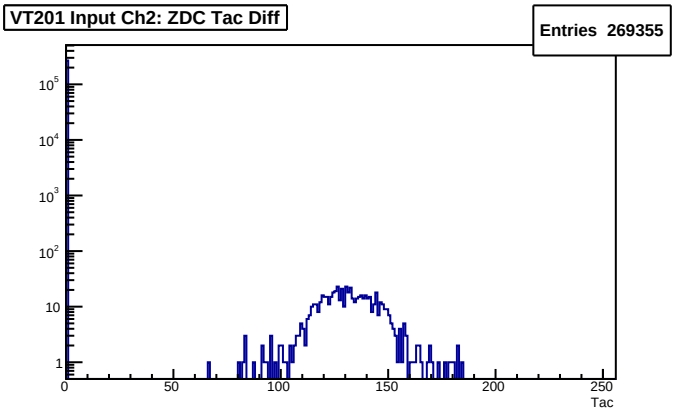

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

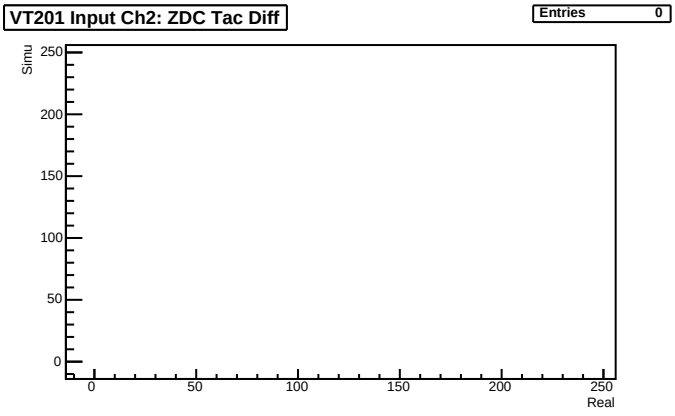

VT201 Input Ch1: EPD Tac Diff
Entries 269355
Tac

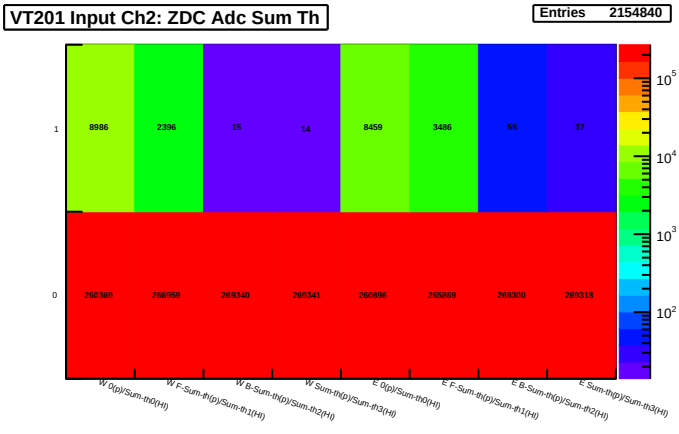

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

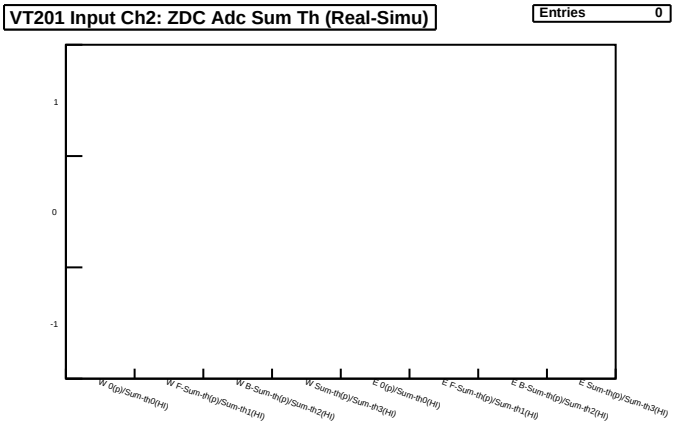

VT201 Input Ch1: EPD Hit Count Th
Entries 538710
264416
263812
4939
5543
East
West

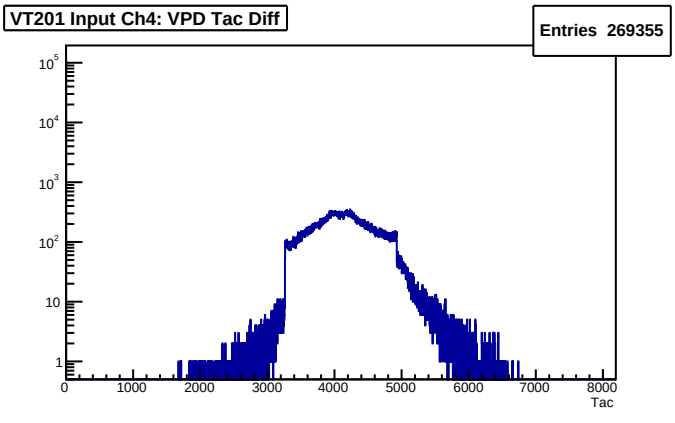

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

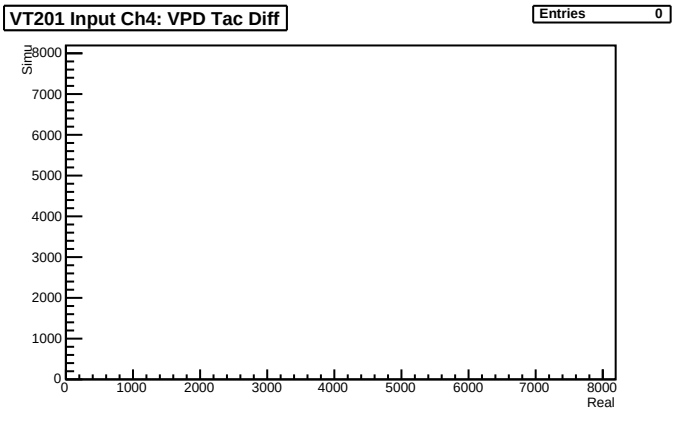

VT201 Input Ch2: ZDC Tac Diff
Entries 269355
Tac

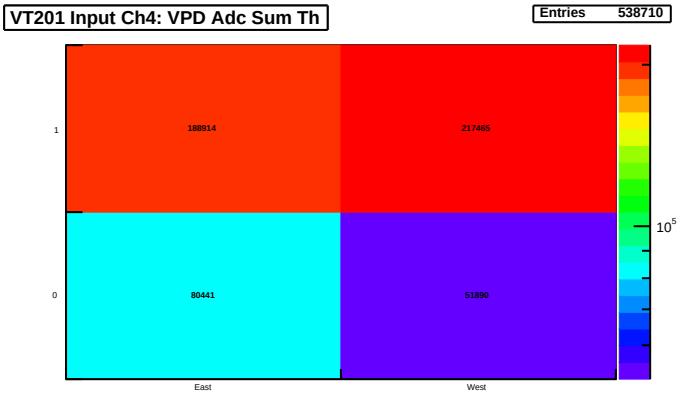

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

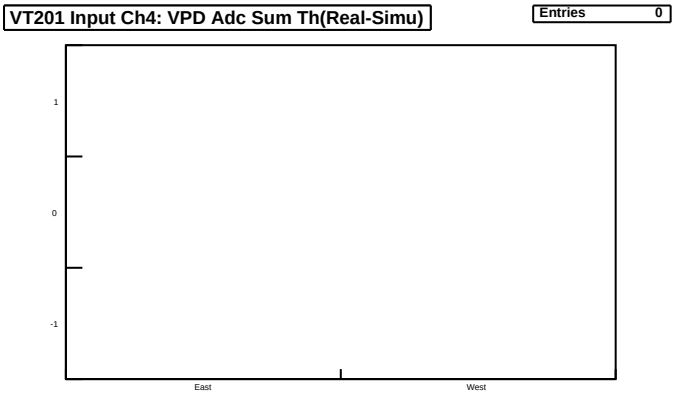

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2154840
8986
2396
15
14
8459
3486
55
37
260369
266959
269340
269341
260896
265869
269300
269318
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

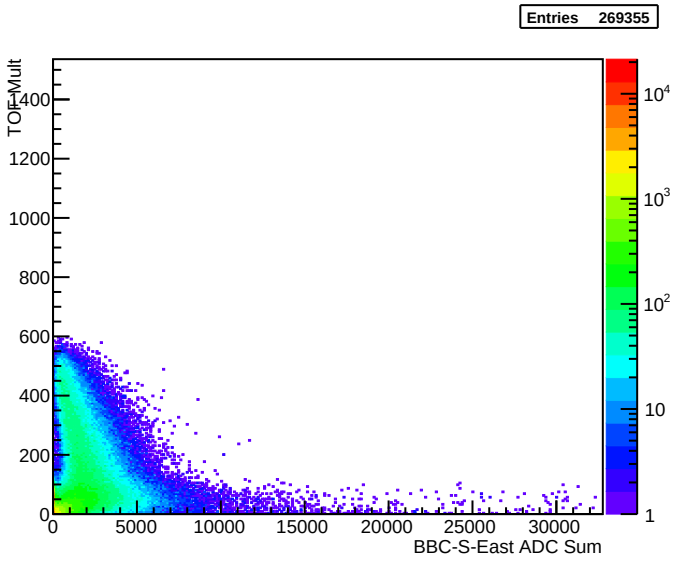

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

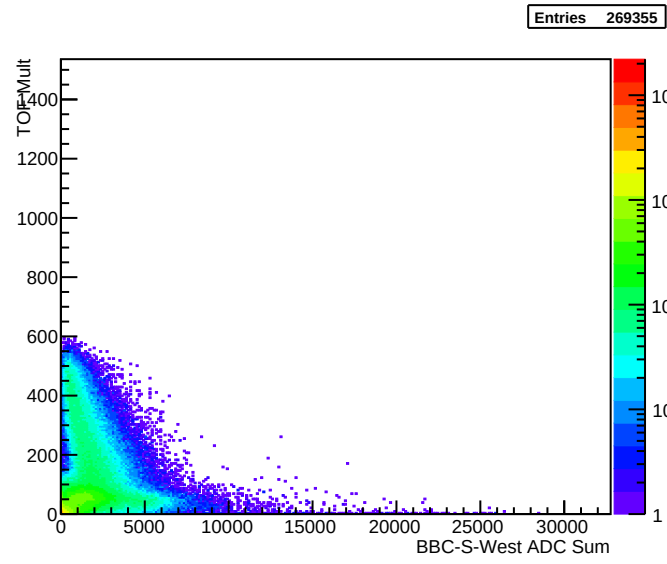

VT201 Input Ch4: VPD Tac Diff
Entries 269355
Tac

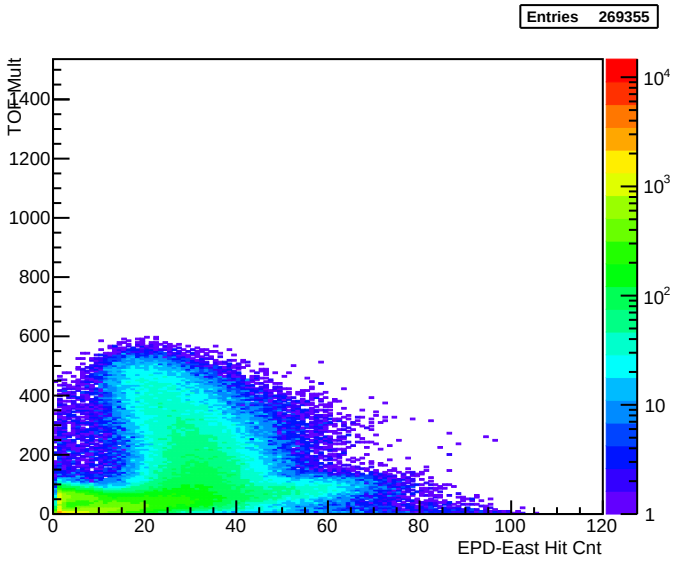

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

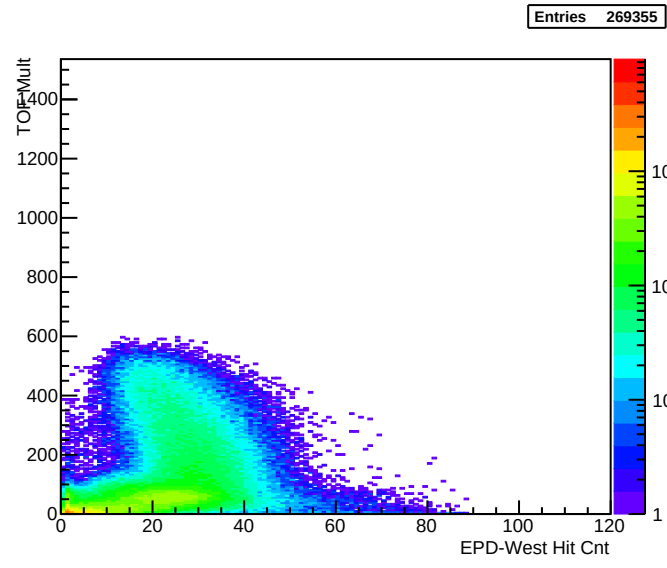

VT201 Input Ch4: VPD Adc Sum Th
Entries 538710
188914
217465
80441
51890
East
West

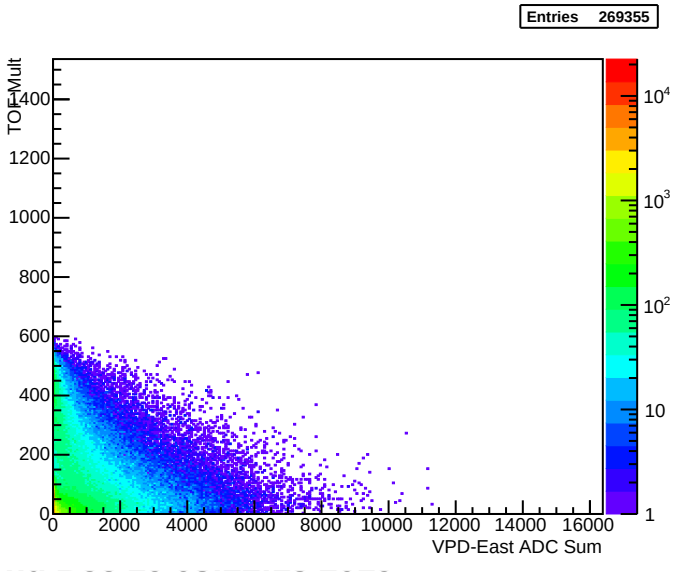

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

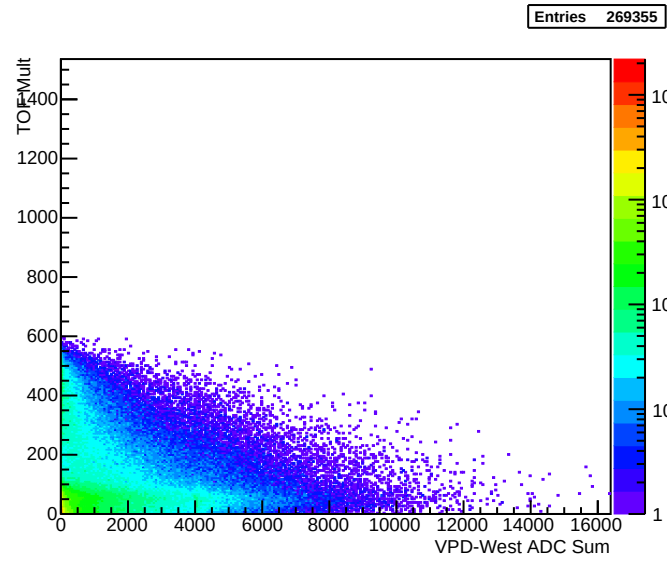

Entries 269355
TOF-Mult
BBC-S-East ADC Sum

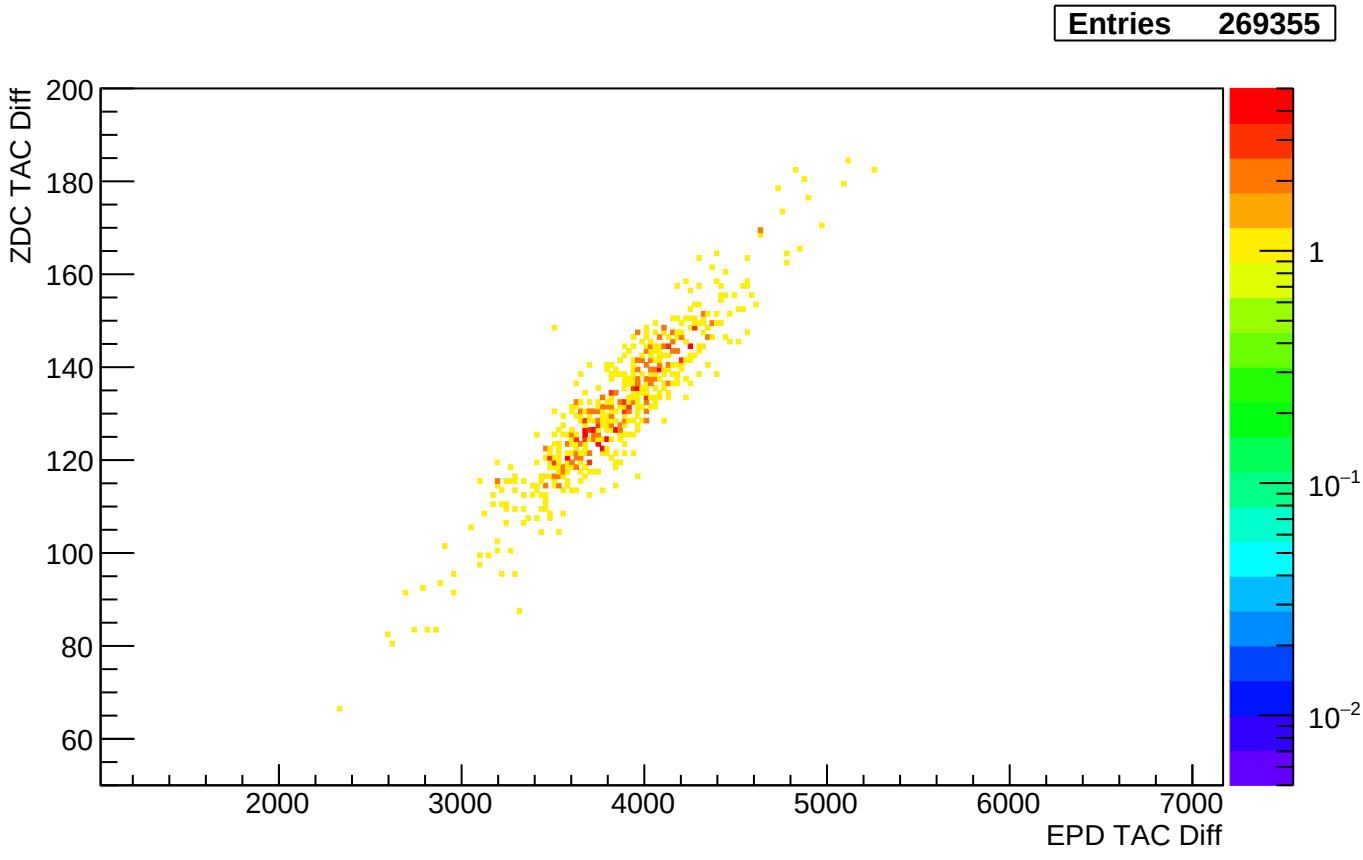

Entries 269355
TOF-Mult
BBC-S-West ADC Sum

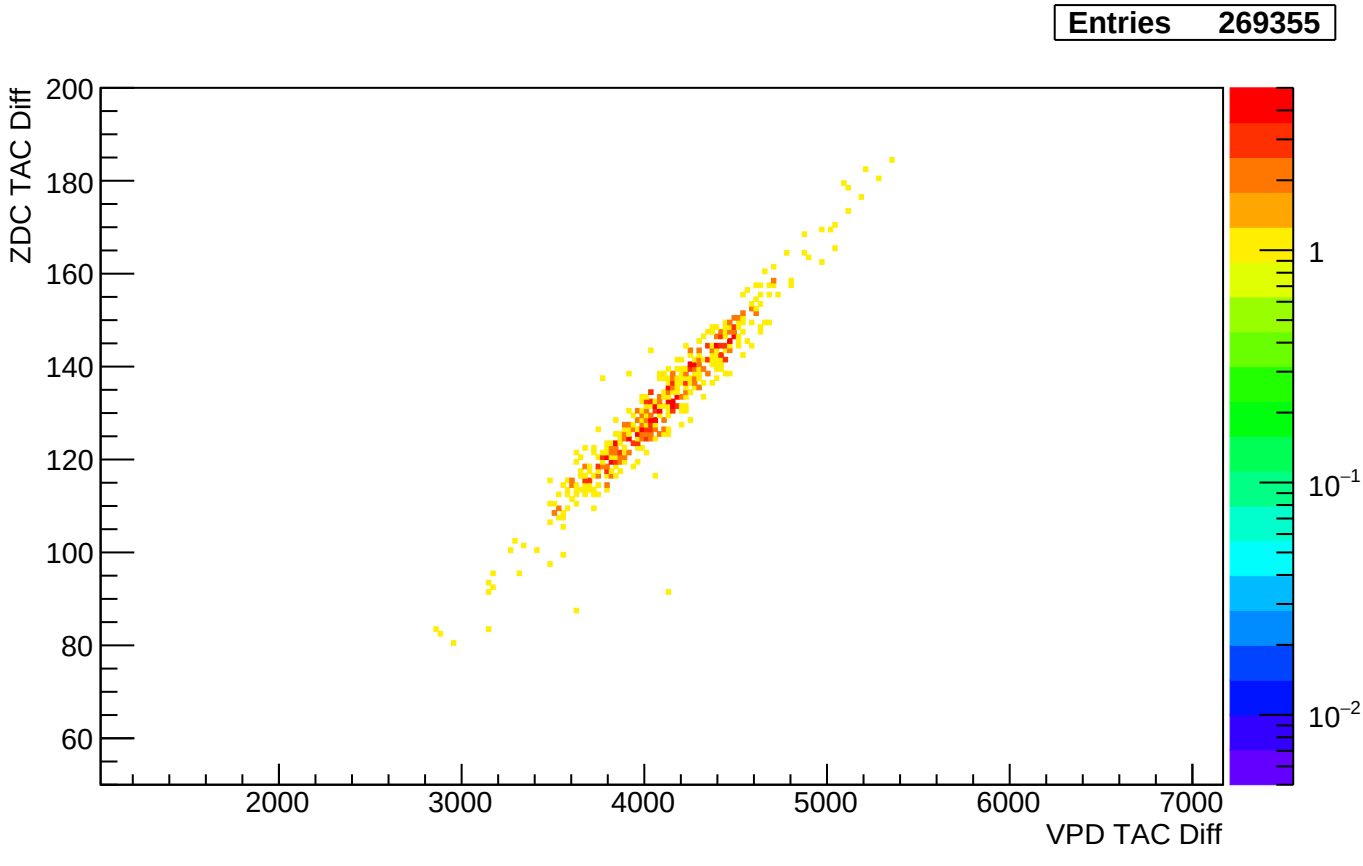

Entries 269355
TOF-Mult
EPD-East Hit Cnt

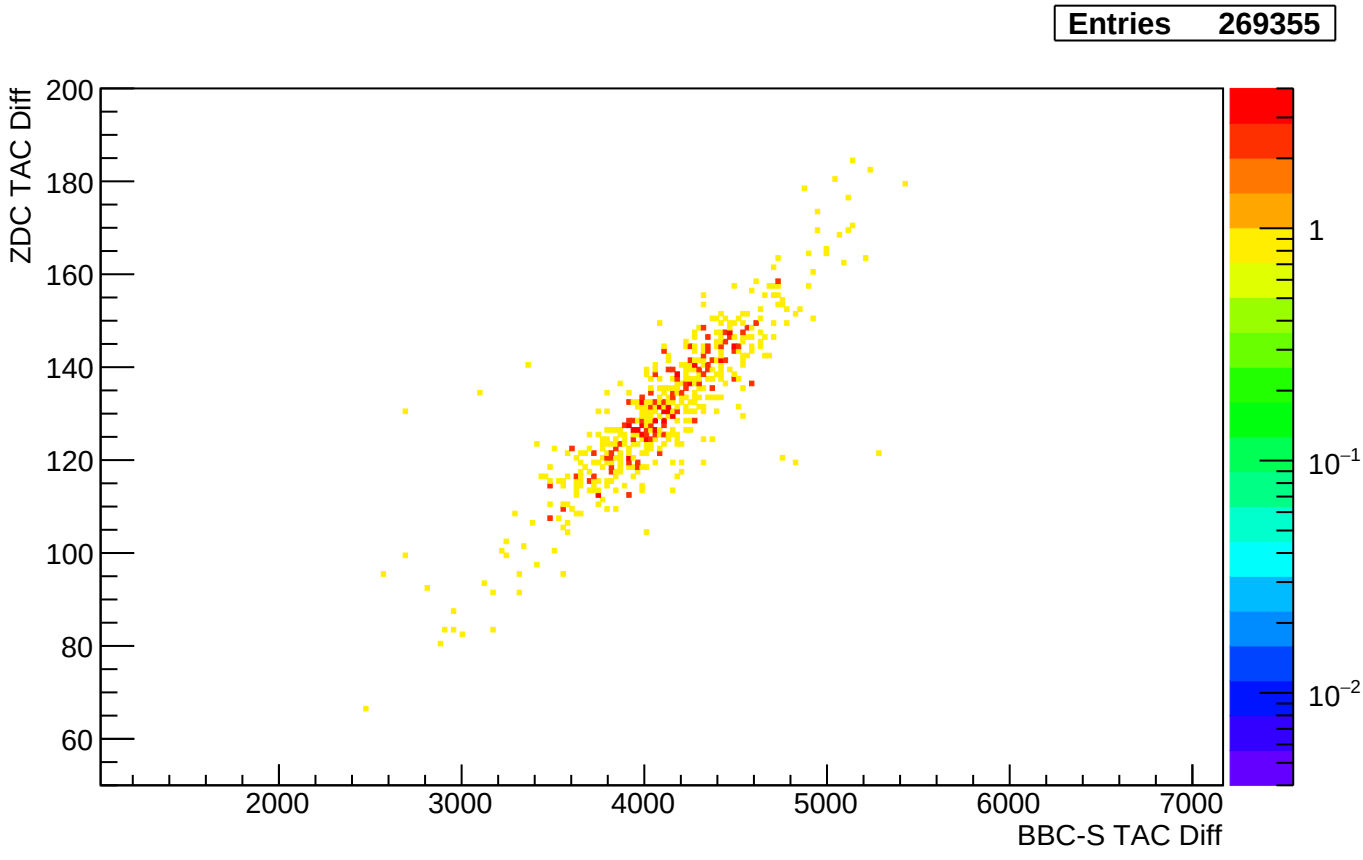

Entries 269355
TOF-Mult
EPD-West Hit Cnt

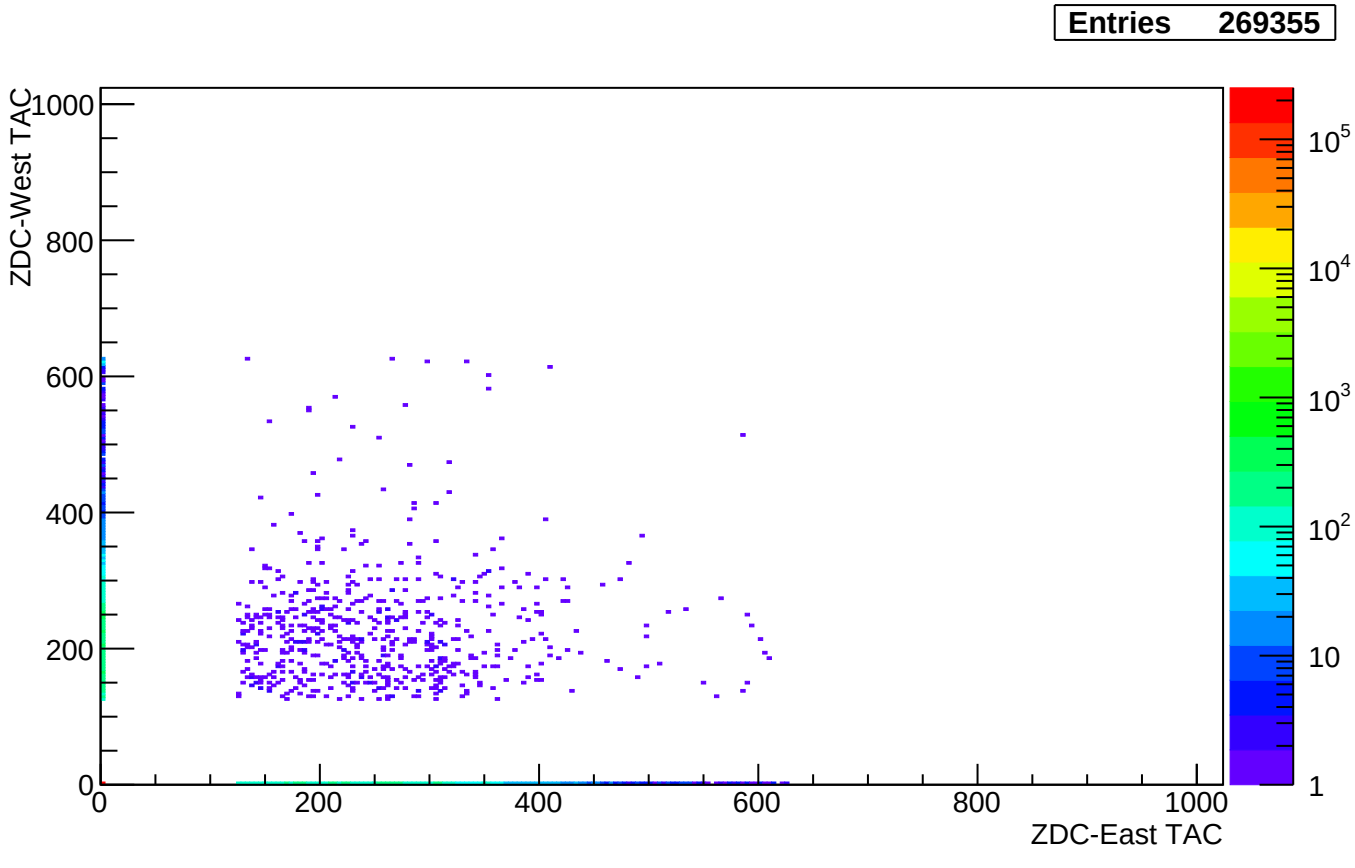

Entries 269355
TOF-Mult
VPD-East ADC Sum

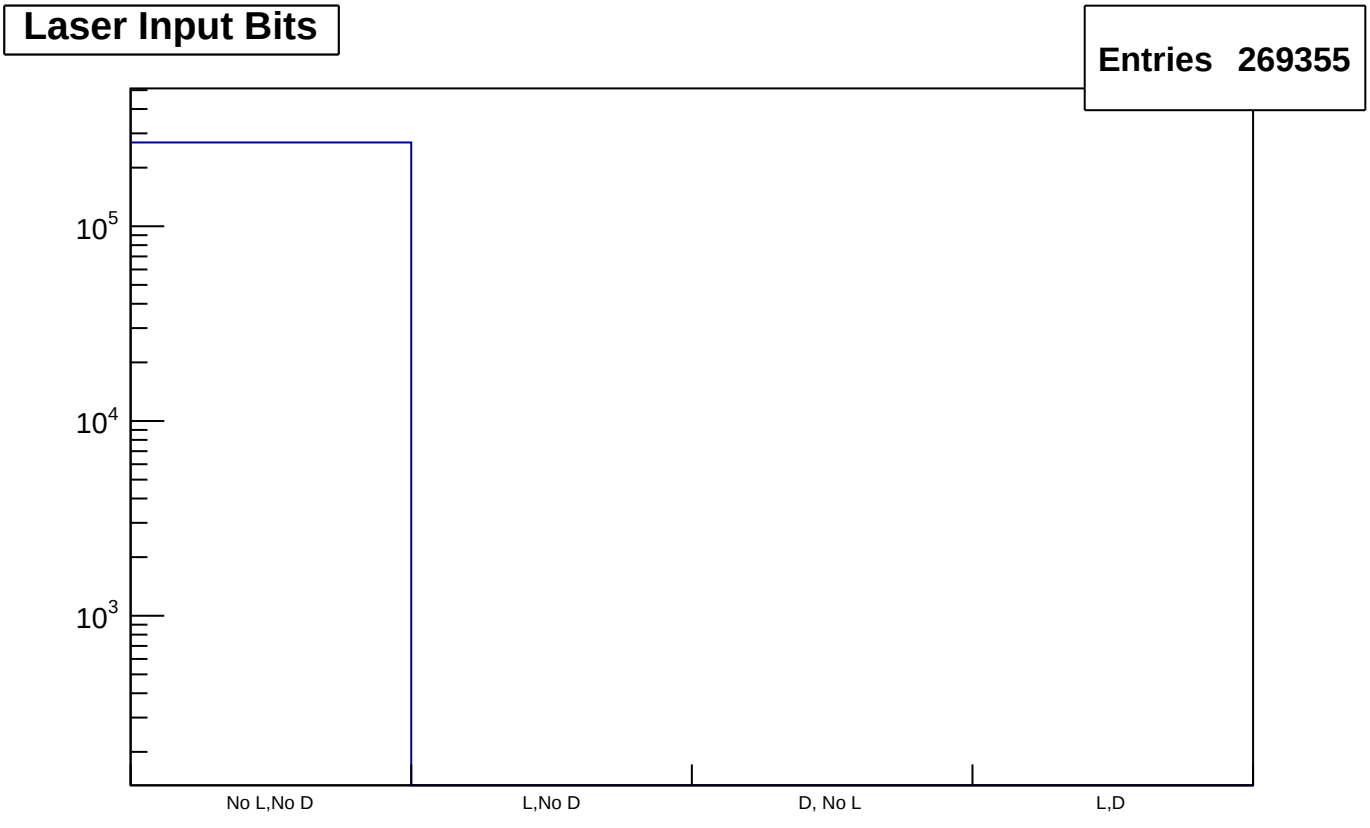

Entries 269355
TOF-Mult
VPD-West ADC Sum

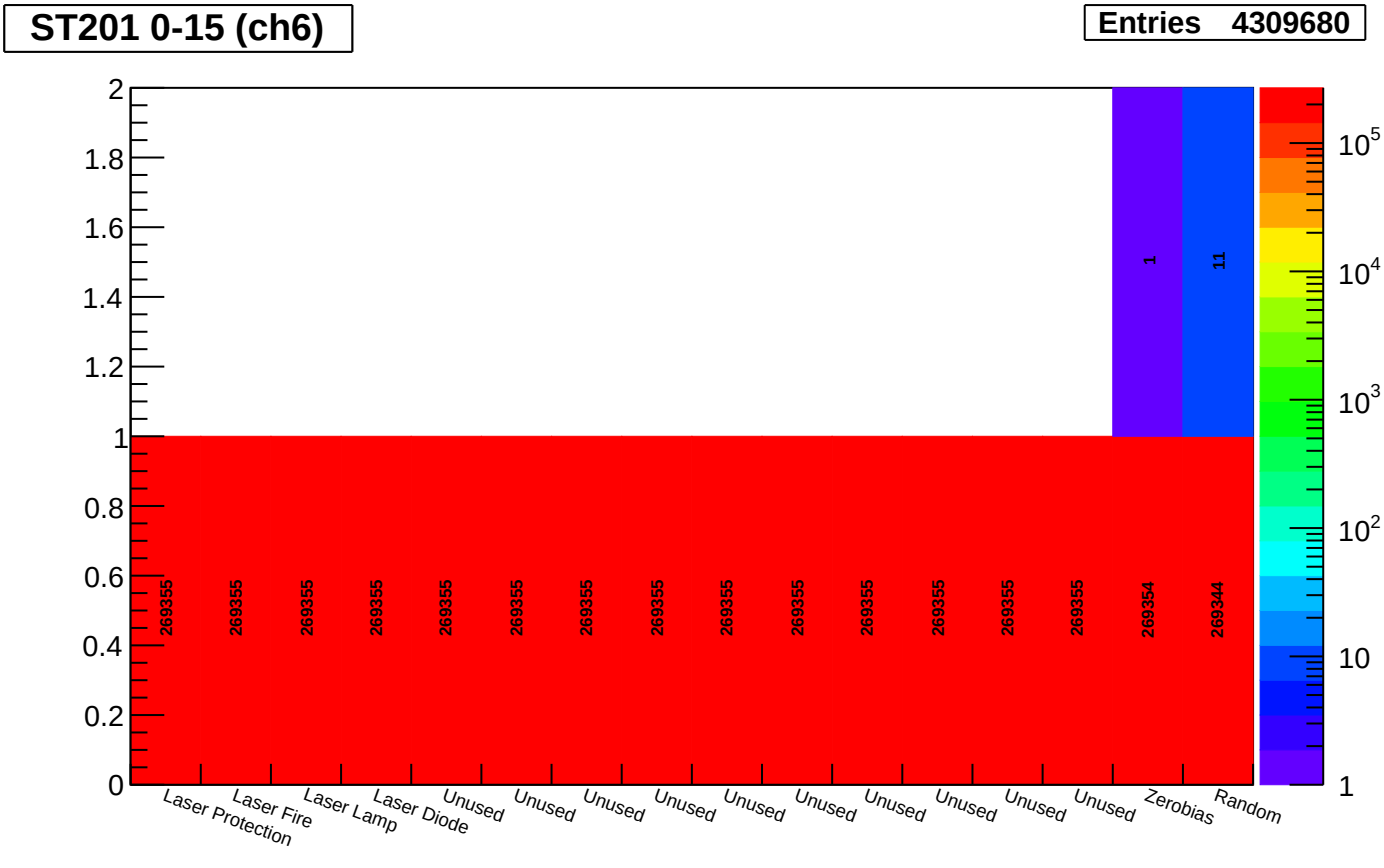

Entries 269355
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

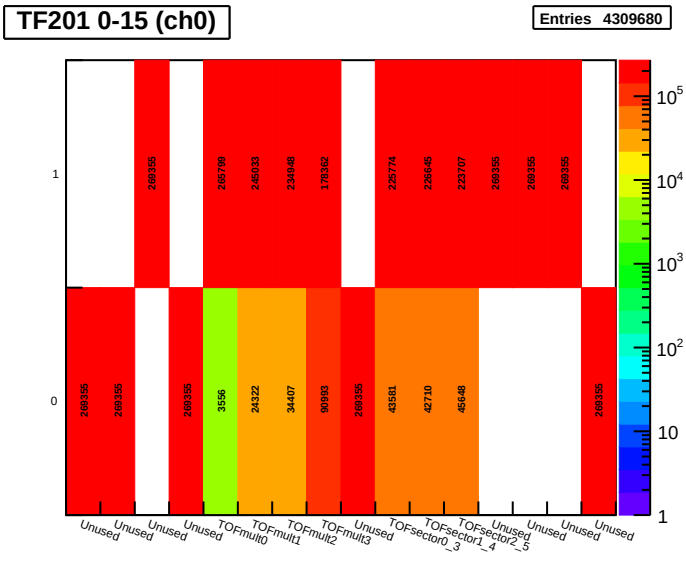

Entries 269355
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

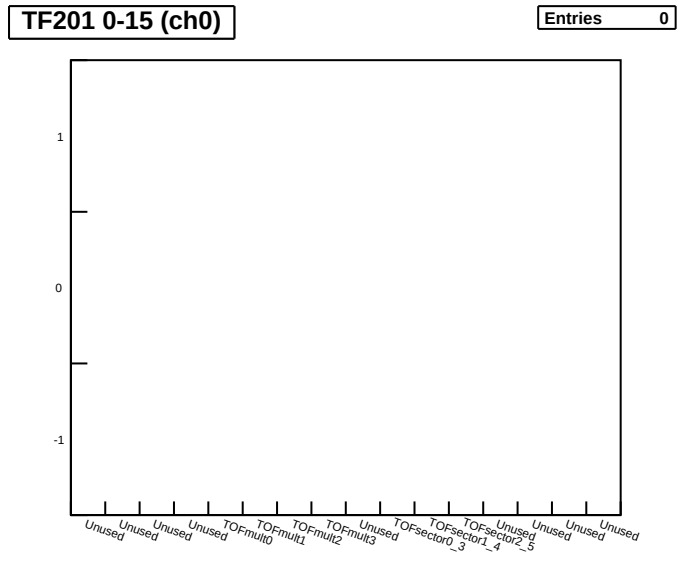

Entries 269355
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

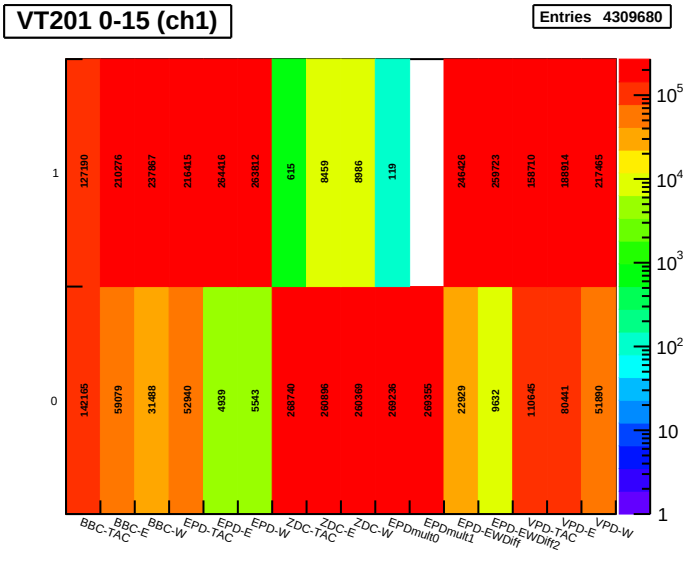

Entries 269355
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

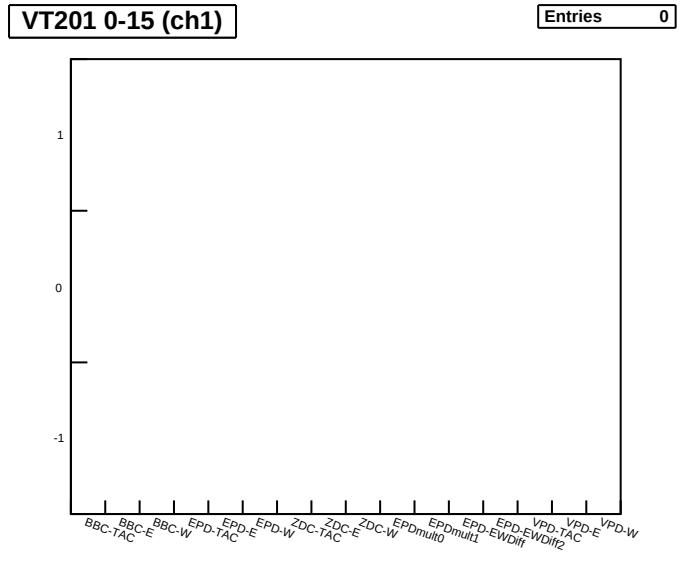

Laser Input Bits
Entries 269355
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

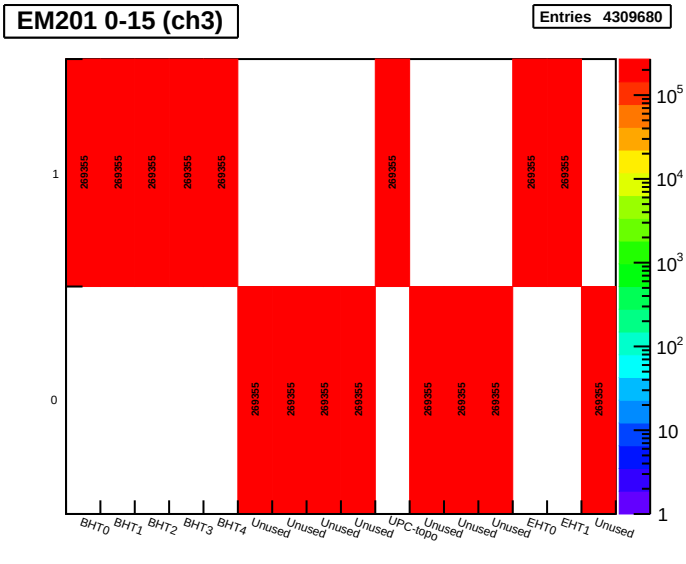

ST201 0-15 (ch6)
Entries 4309680
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
269355
269355
269355
269355
269355
269355
269355
269355
269355
269355
269355
269355
269355
269355
269354
269344
1
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

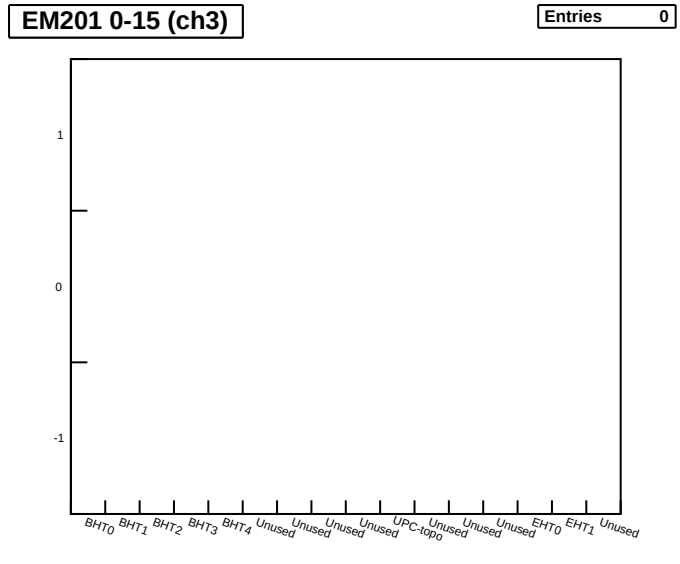

TF201 0-15 (ch0)
Entries 4309680
1
0
269355
265799
245033
234948
178362
225774
226645
223707
3556
24322
34407
90993
43581
42710
45648
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 4309680
1
0
127190
210276
237867
216415
264416
263812
615
8459
8986
119
246426
259723
158710
188914
217465
142165
59079
31488
52940
4939
5543
260740
260696
260369
269236
269355
22929
9632
110645
80441
51890
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 4309680
1
0
269355
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