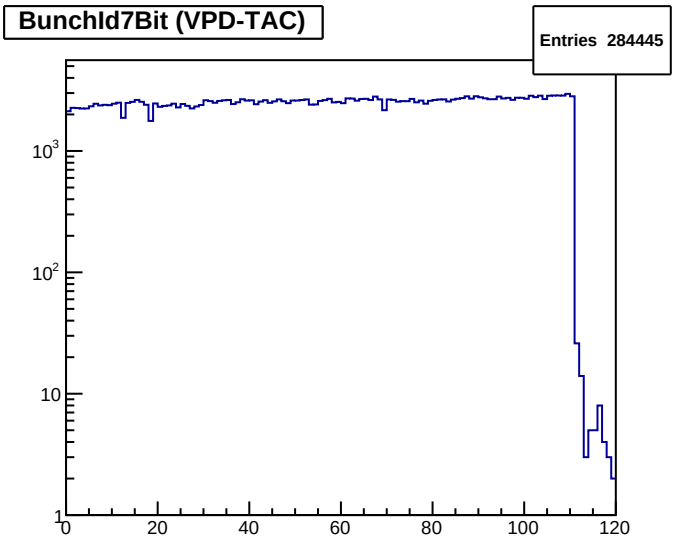
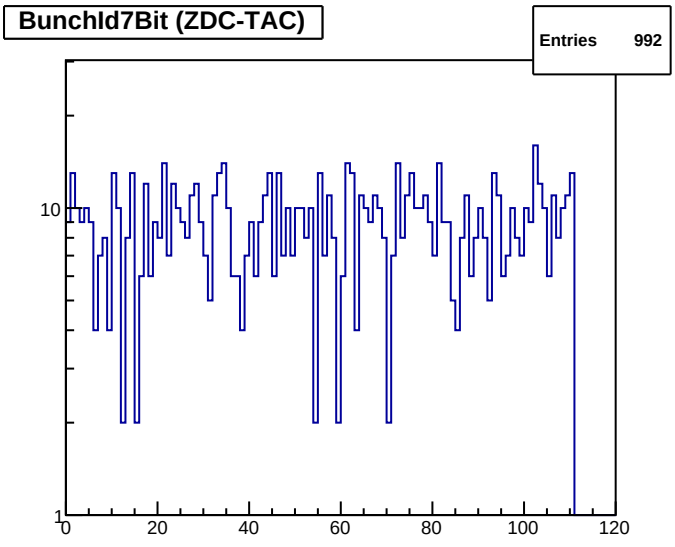
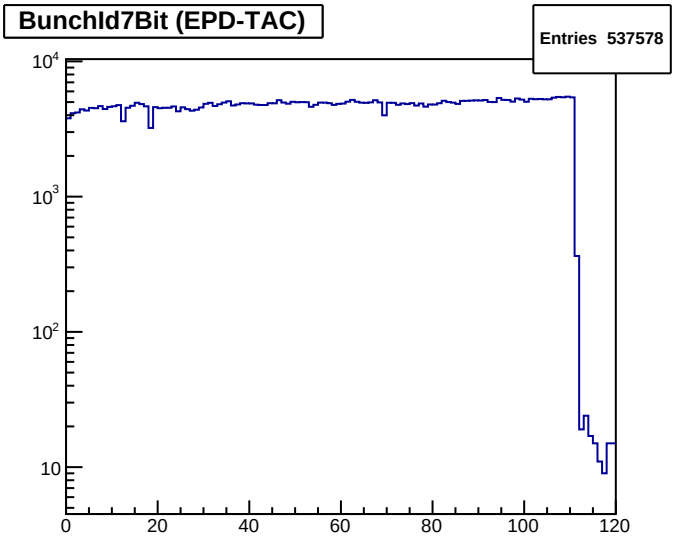
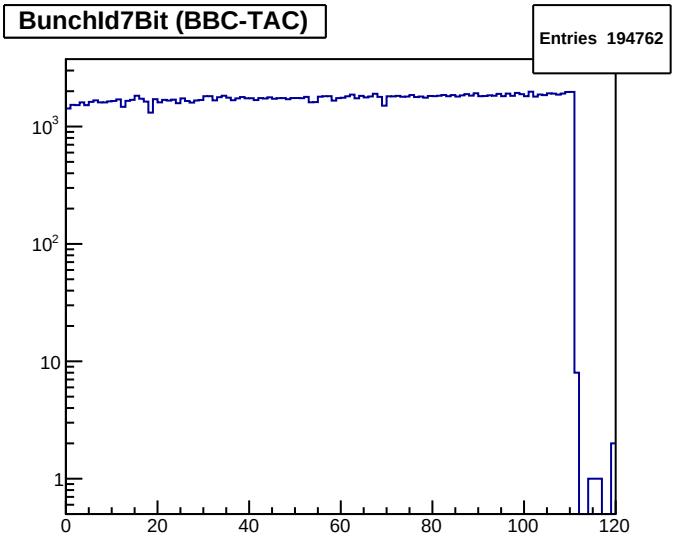
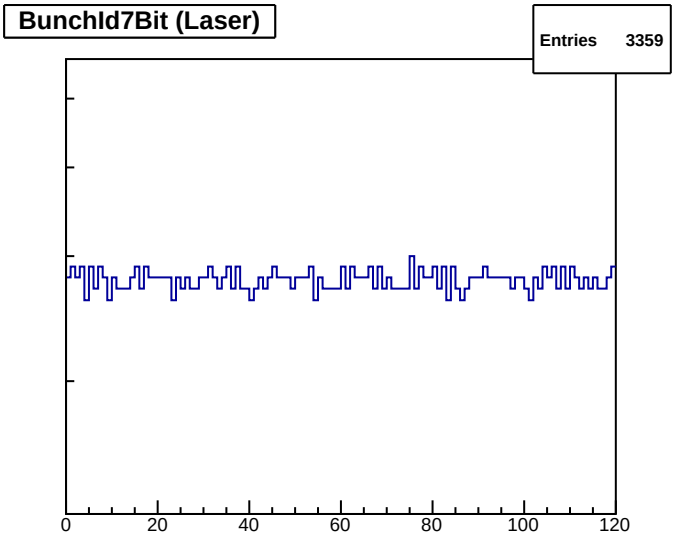
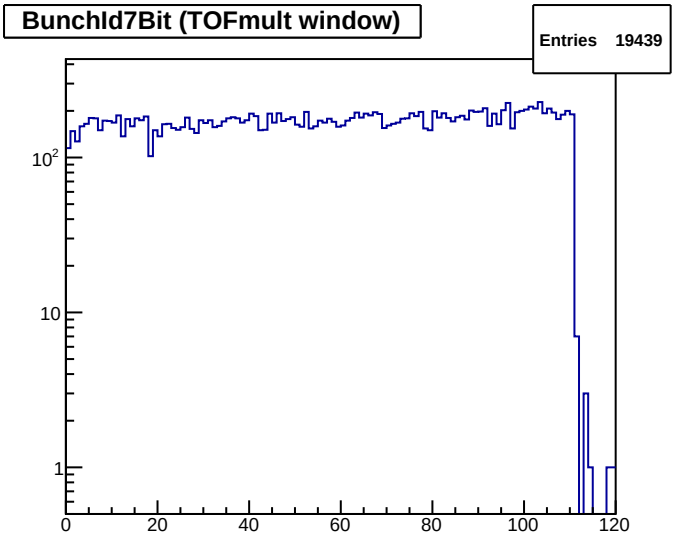

BunchId7Bit (VPD-TAC)
Entries 284445

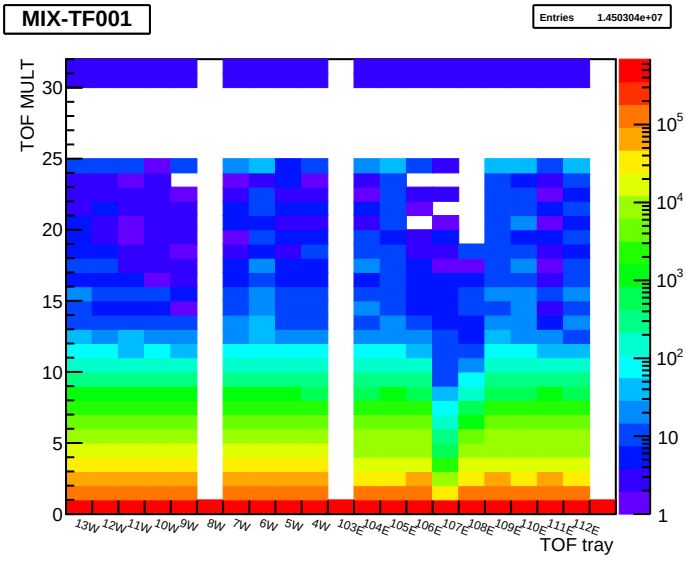

BunchId7Bit (ZDC-TAC)
Entries 992

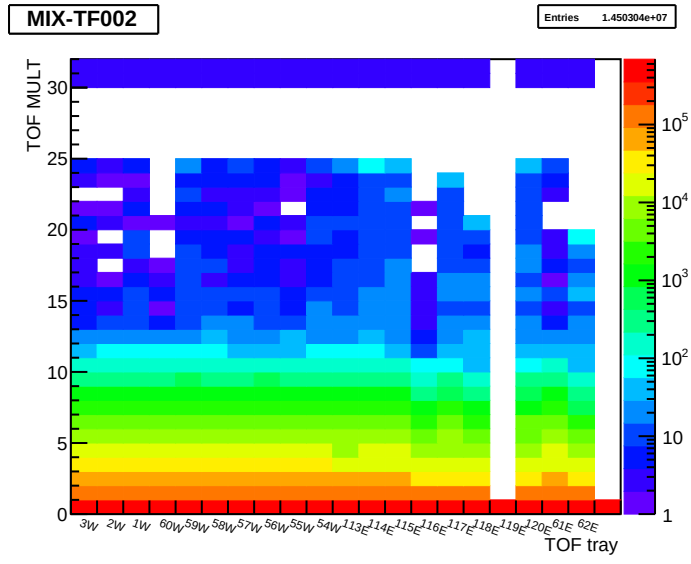

BunchId7Bit (EPD-TAC)
Entries 537578

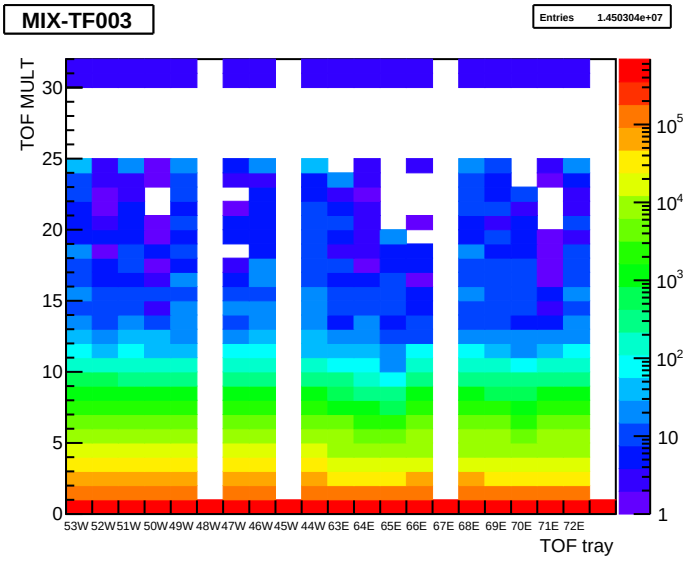

BunchId7Bit (BBC-TAC)
Entries 194762

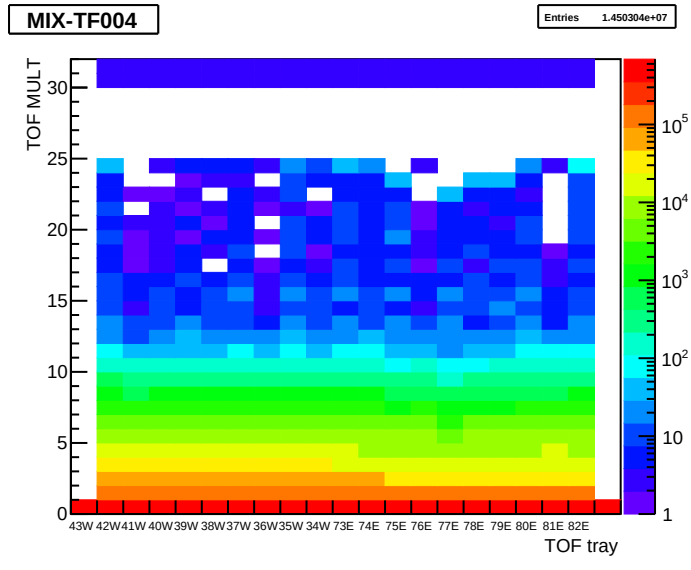

BunchId7Bit (Laser)
Entries 3359

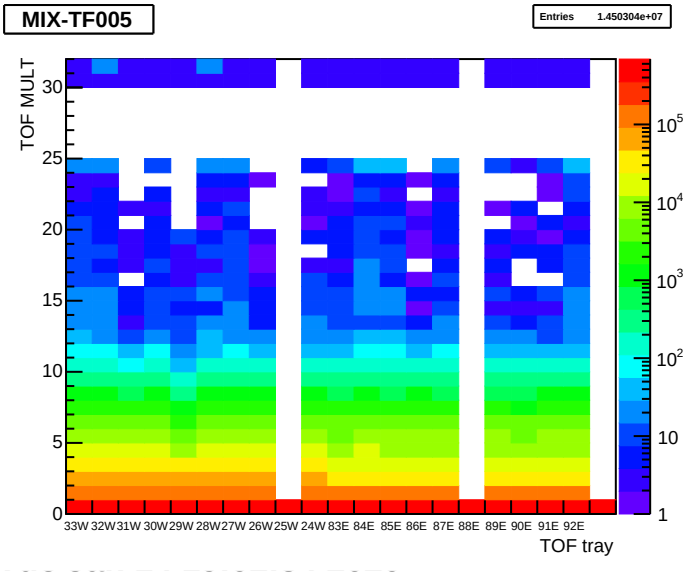

BunchId7Bit (TOFmult window)
Entries 19439

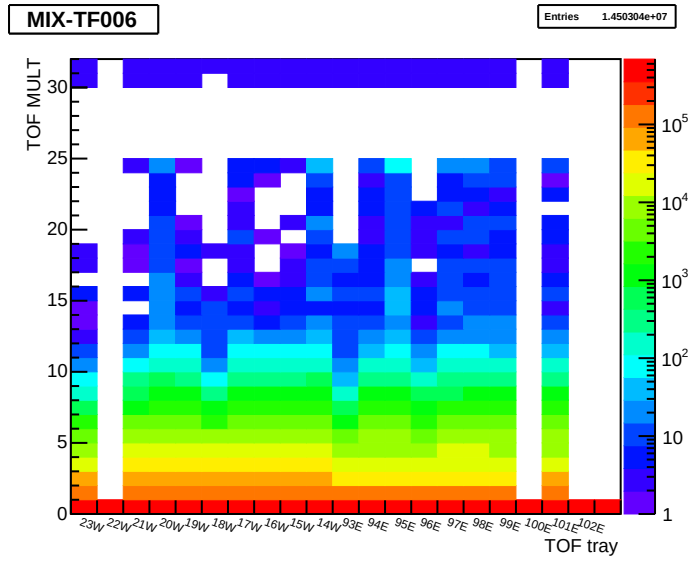

MIX-TF001
Entries 1.450304e+07
TOF MULT
TOF tray

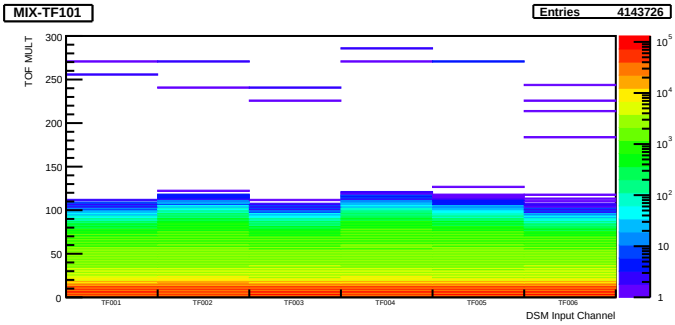

MIX-TF002
Entries 1.450304e+07
TOF MULT
TOF tray

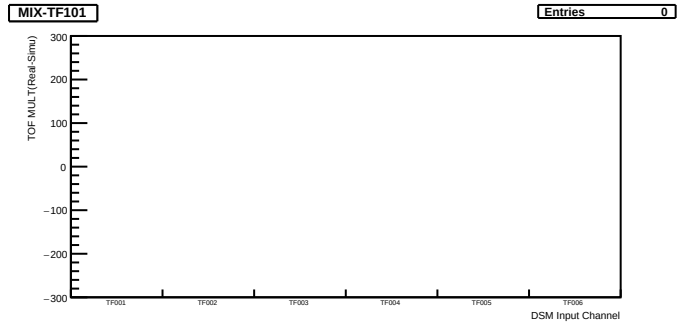

MIX-TF003
Entries 1.450304e+07
TOF MULT
TOF tray

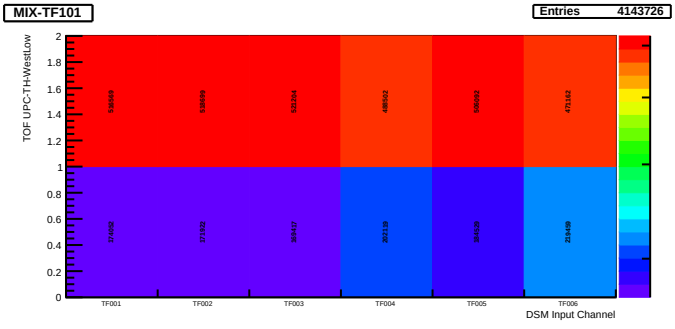

MIX-TF004
Entries 1.450304e+07
TOF MULT
TOF tray

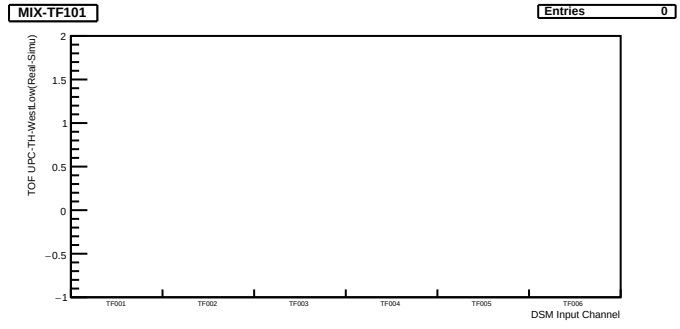

MIX-TF005
Entries 1.450304e+07
TOF MULT
TOF tray

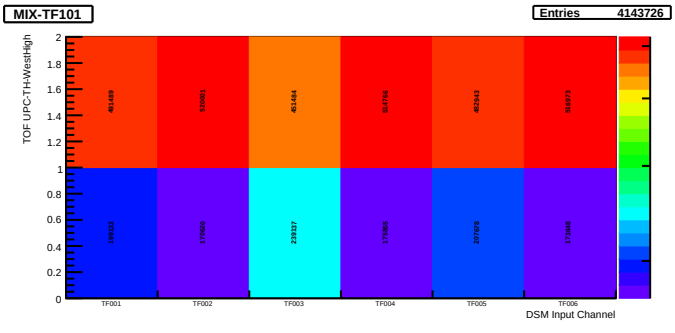

MIX-TF006
Entries 1.450304e+07
TOF MULT
TOF tray

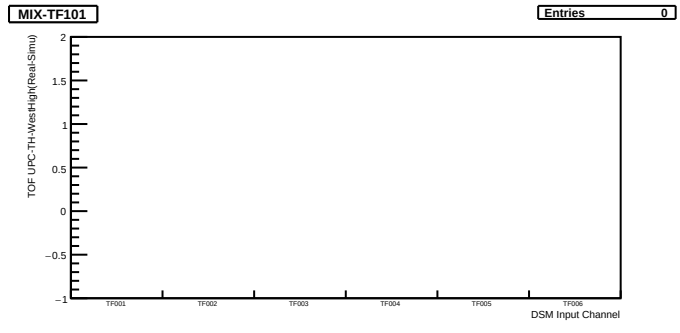

MIX-TF101
Entries 4143726
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

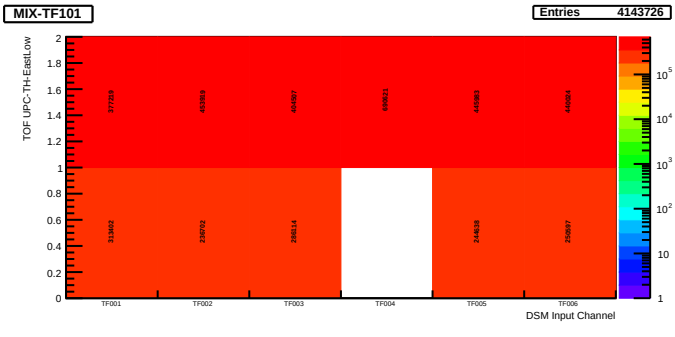

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

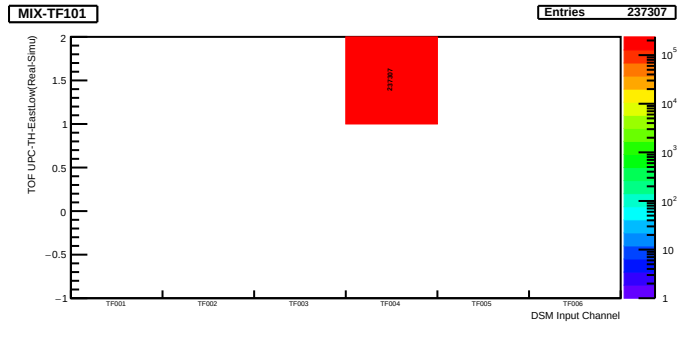

MIX-TF101
Entries 4143726
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

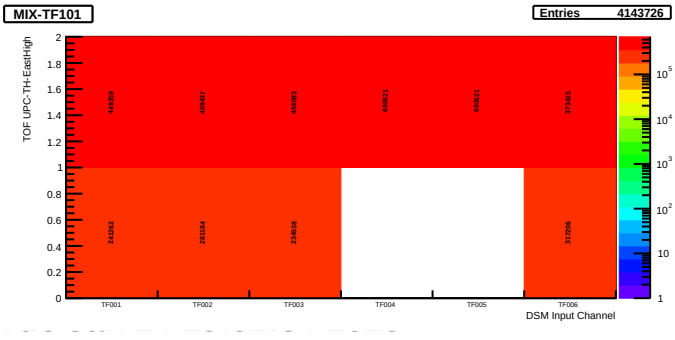

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

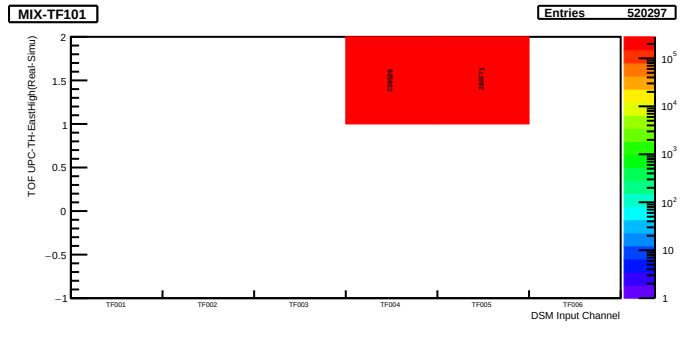

MIX-TF101
Entries 4143726
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

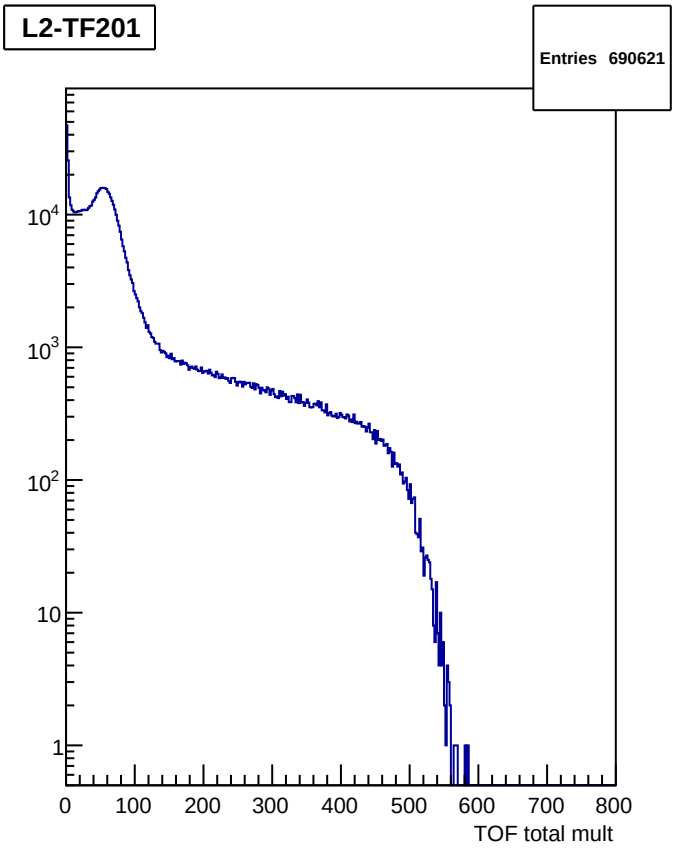

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

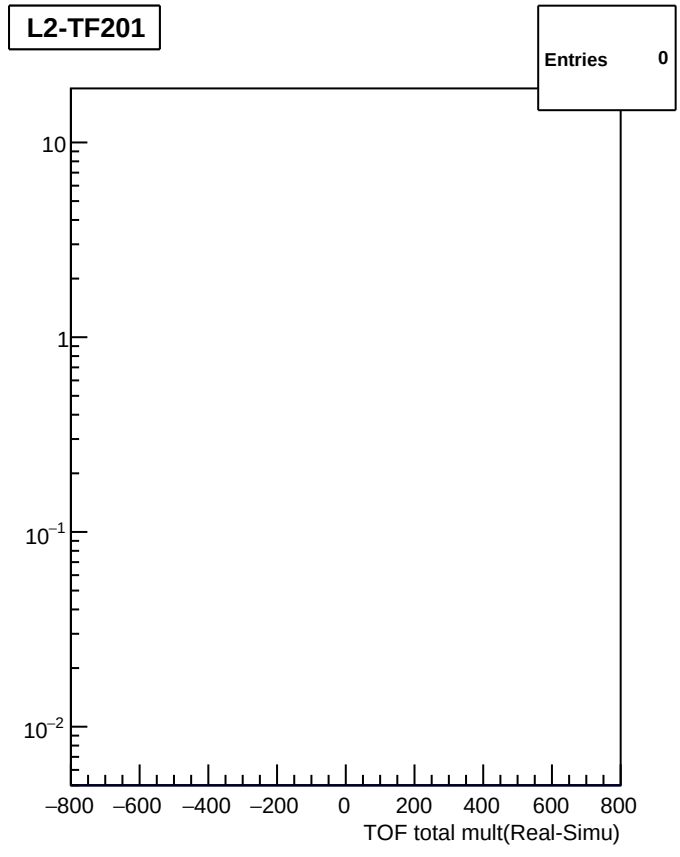

MIX-TF101
Entries 4143726
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

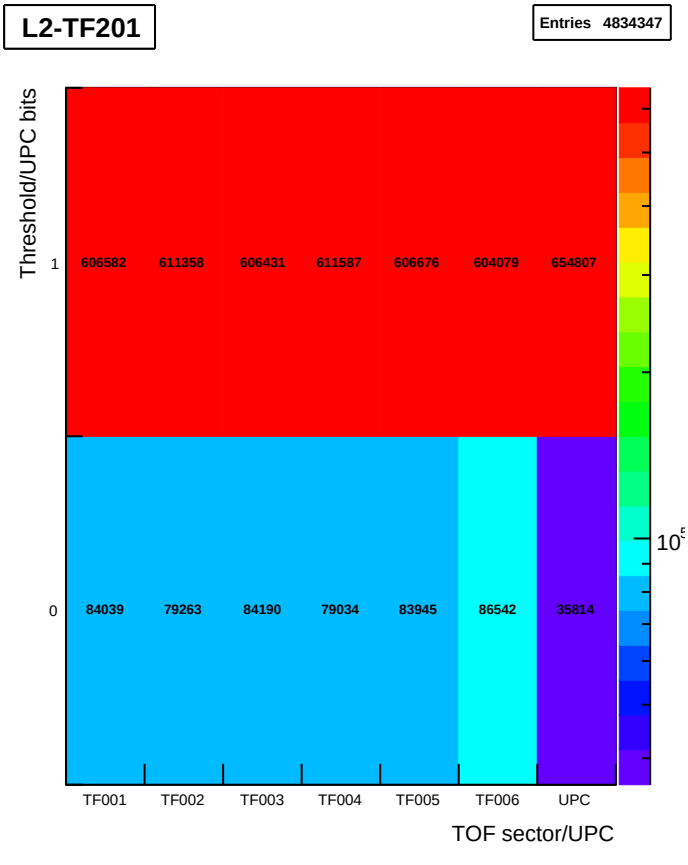

MIX-TF101
Entries 237307
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

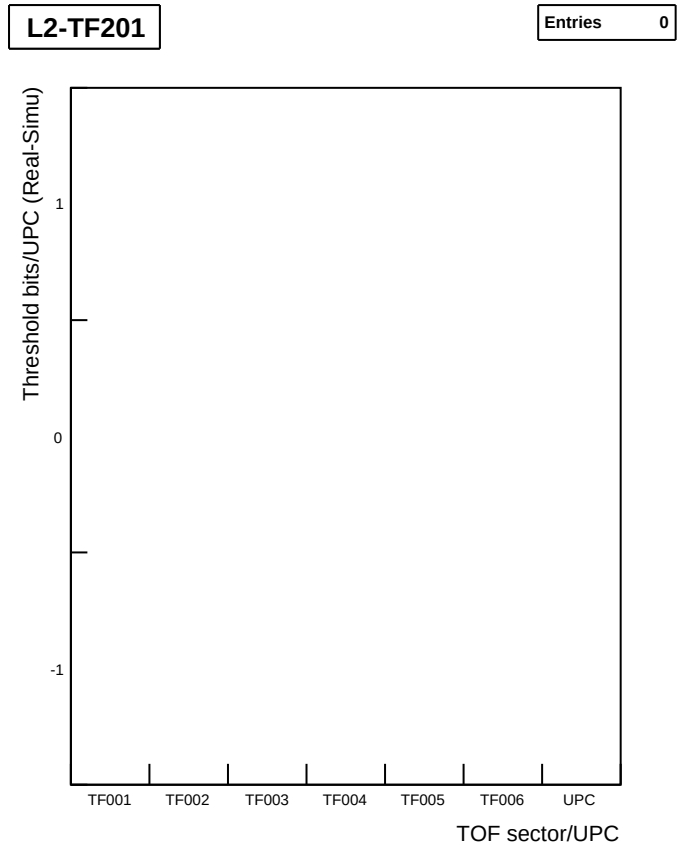

MIX-TF101
Entries 4143726
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

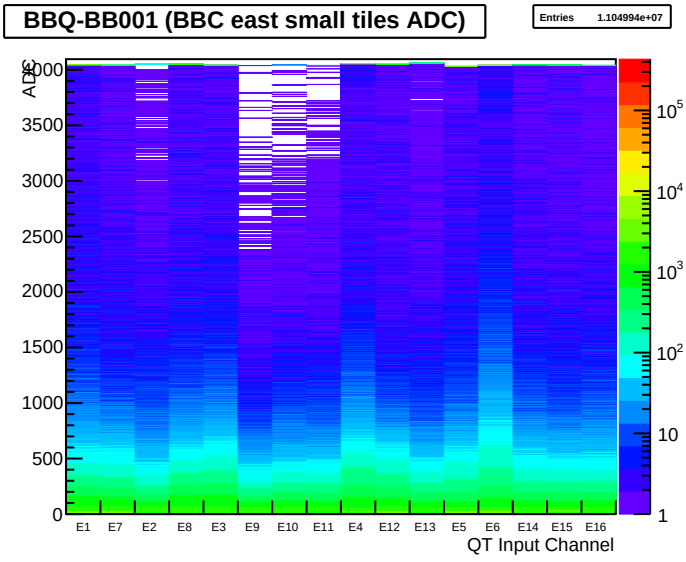

MIX-TF101
Entries 520297
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

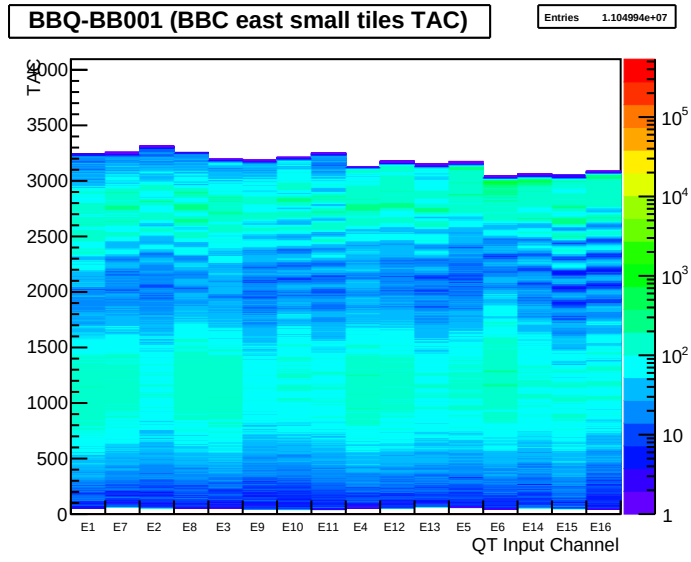

L2-TF201
Entries 690621
TOF total mult

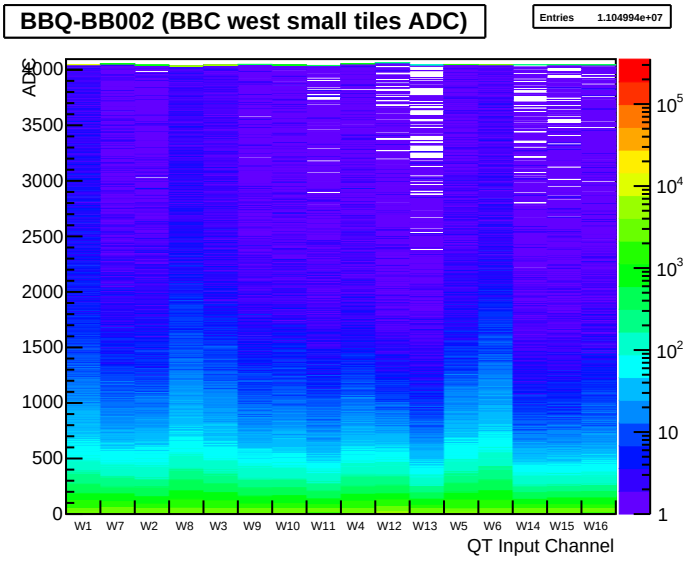

L2-TF201
Entries 0
TOF total mult(Real-Simu)

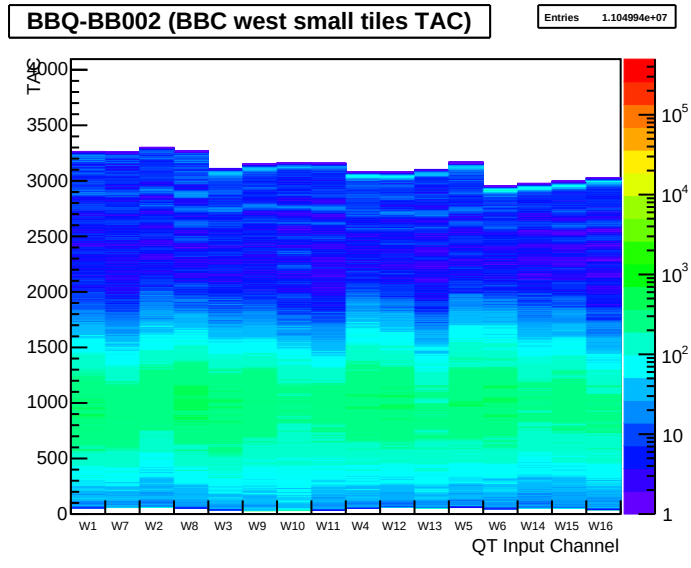

L2-TF201
Entries 4834347
Threshold/UPC bits
606582 611358 606431 611587 606676 604079 654807
84039 79263 84190 79034 83945 86542 35814
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

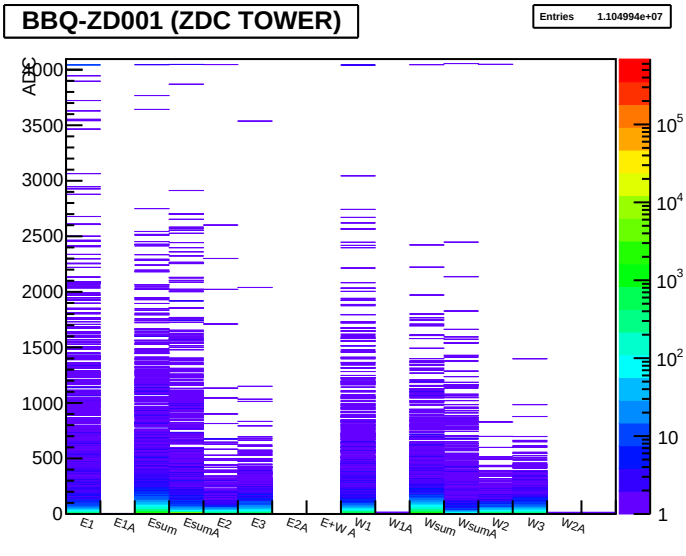

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

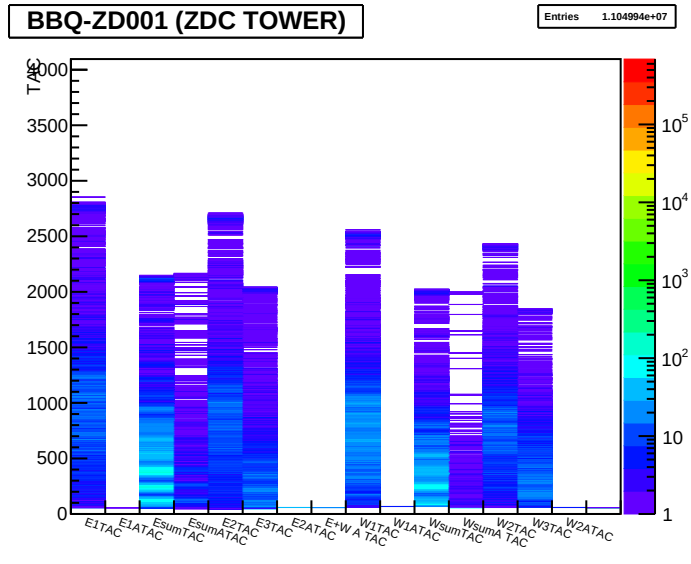

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.104994e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

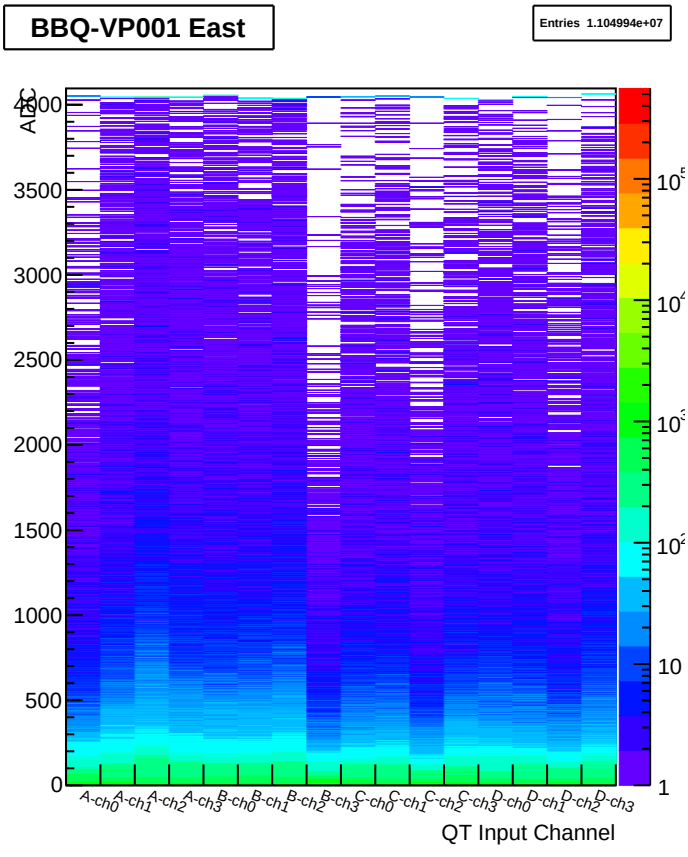

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.104994e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

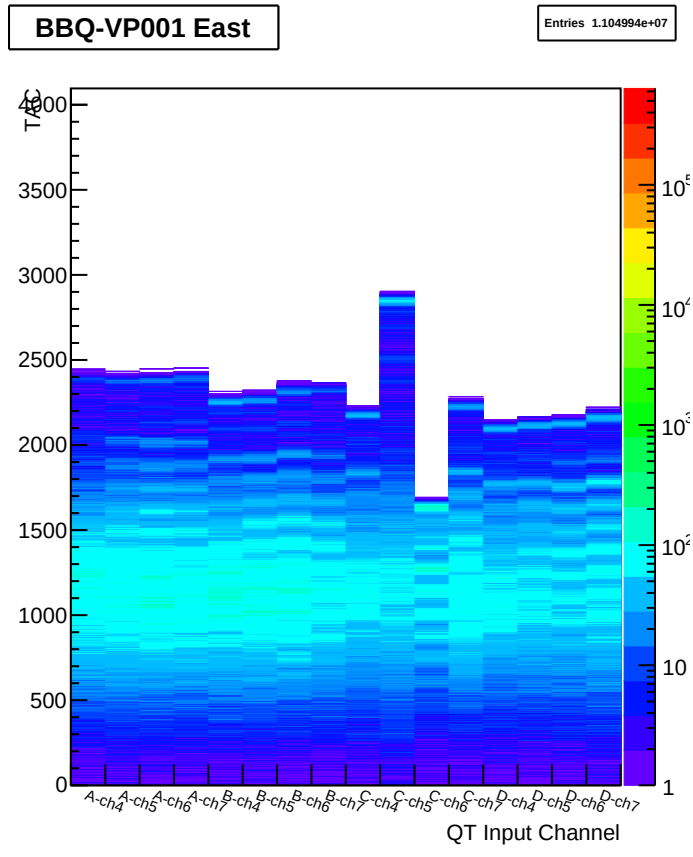

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.104994e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

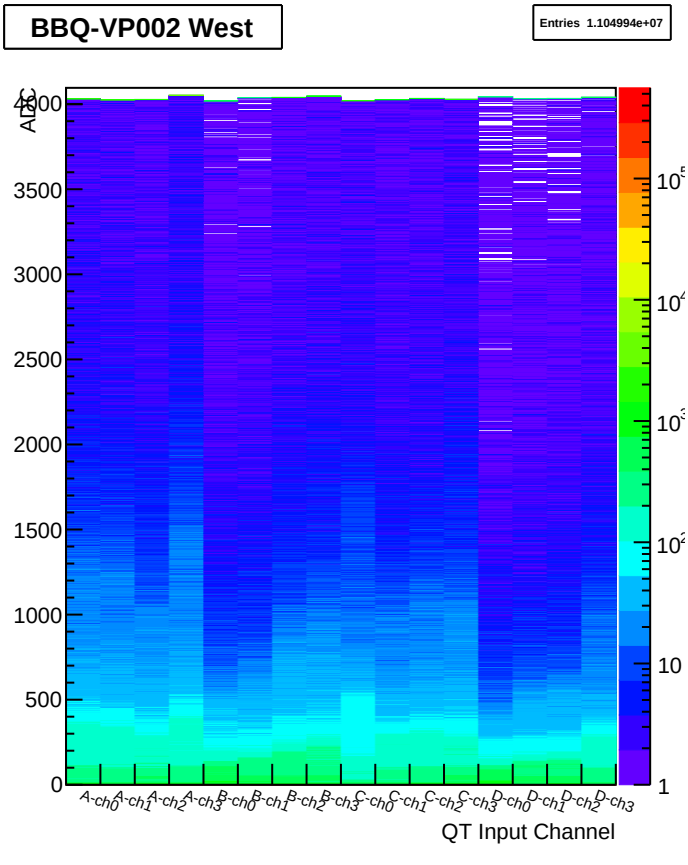

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.104994e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

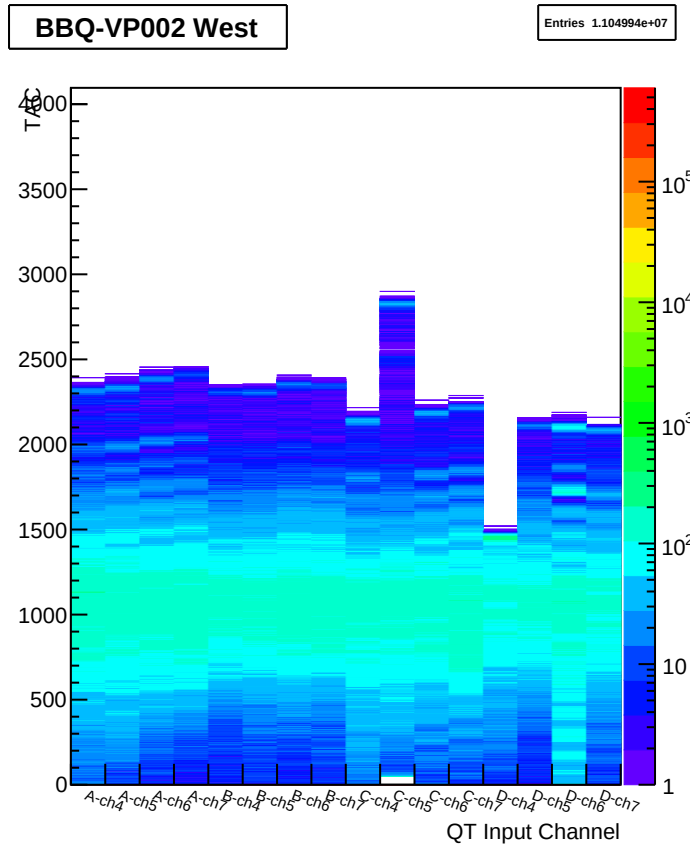

BBQ-ZD001 (ZDC TOWER)
Entries 1.104994e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

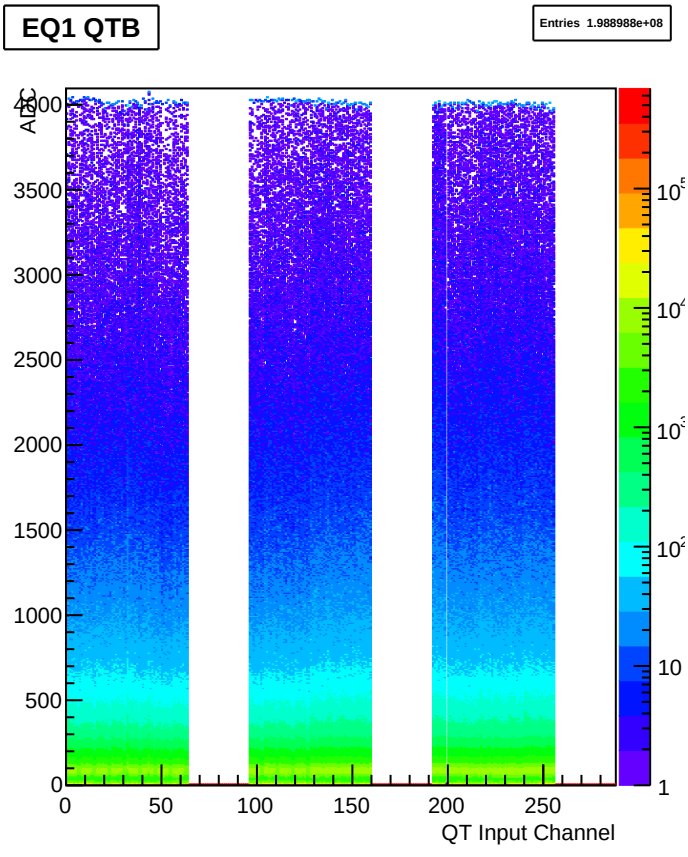

BBQ-ZD001 (ZDC TOWER)
Entries 1.104994e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

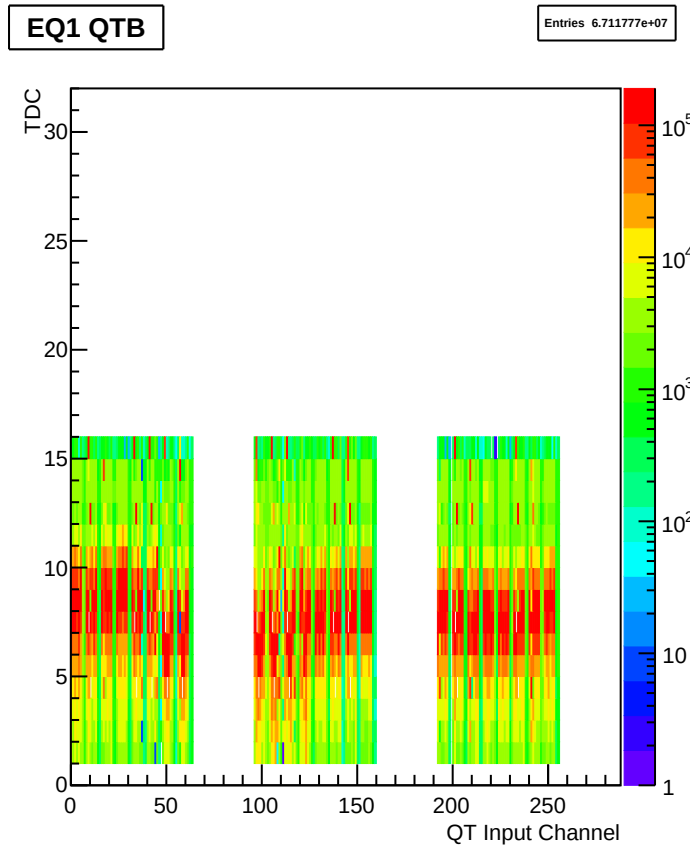

BBQ-VP001 East
Entries 1.104994e+07
ADC
QT Input Channel

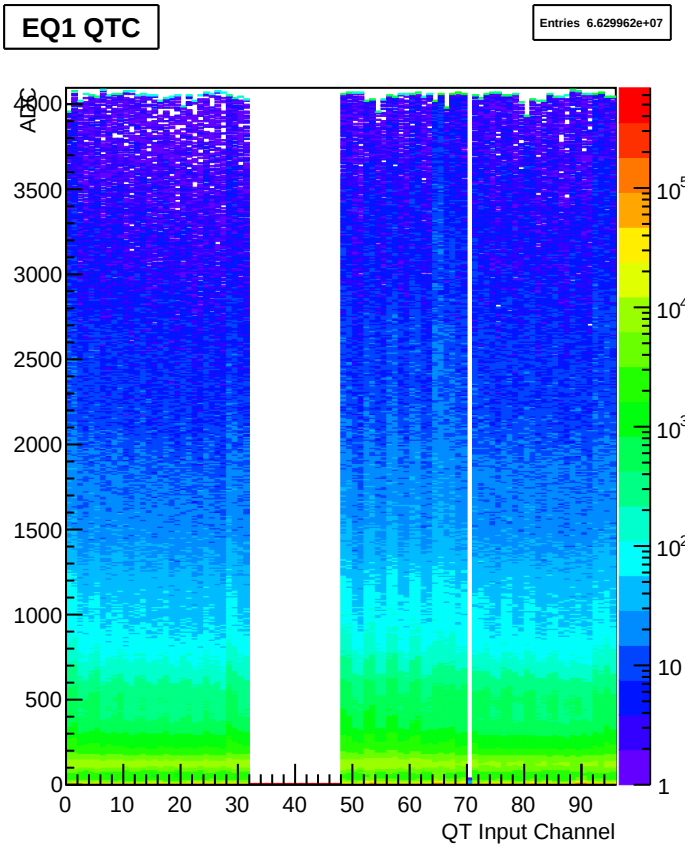

BBQ-VP001 East
Entries 1.104994e+07
TADC
QT Input Channel

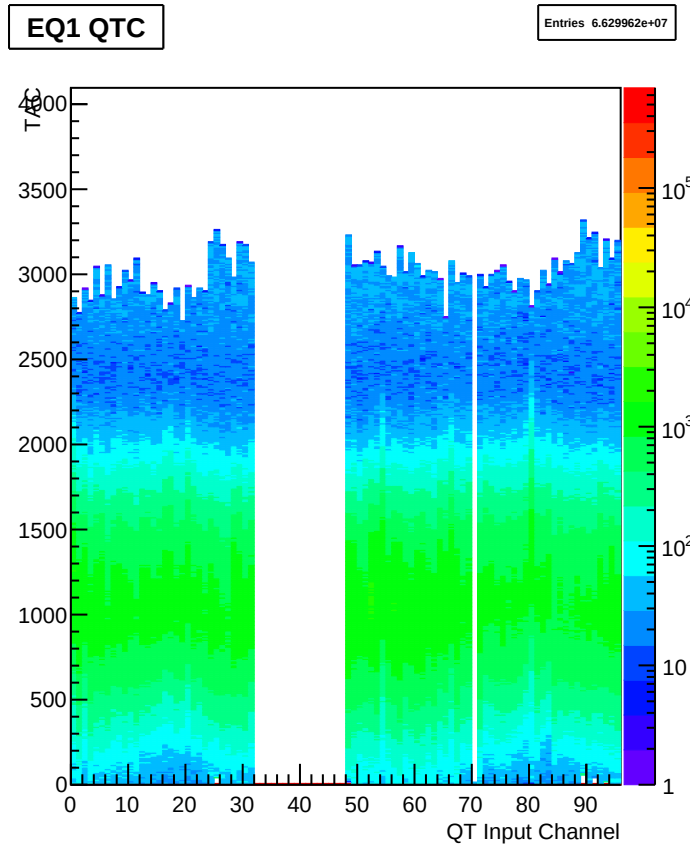

BBQ-VP002 West
Entries 1.104994e+07
ADC
QT Input Channel

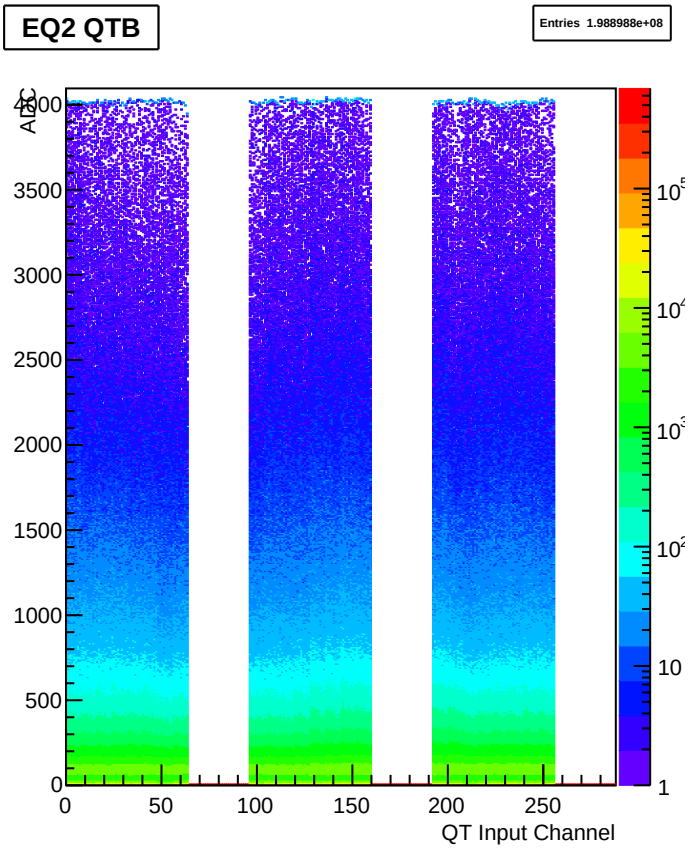

BBQ-VP002 West
Entries 1.104994e+07
TADC
QT Input Channel

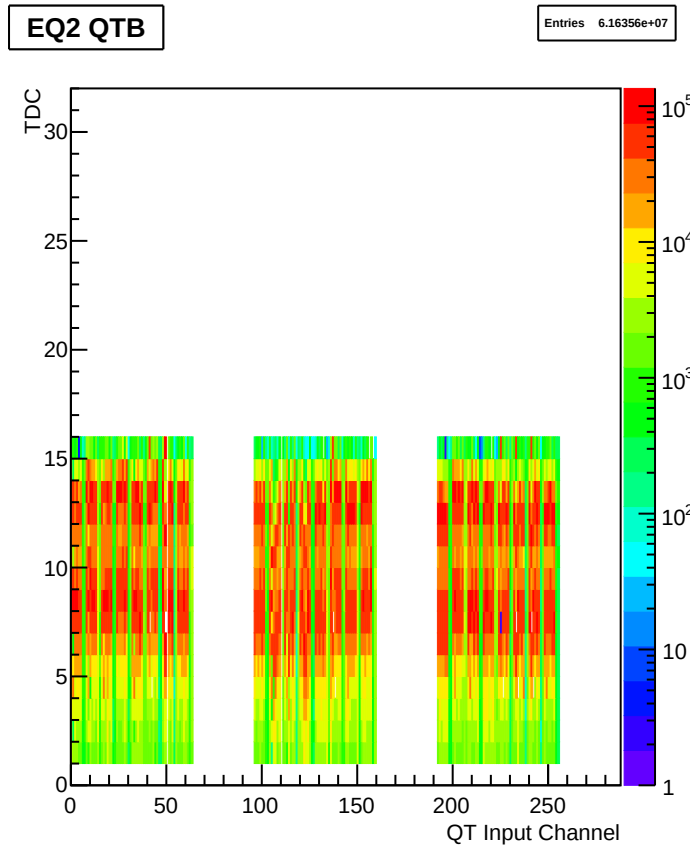

EQ1 QTB
Entries 1.988988e+08
ADC
QT Input Channel

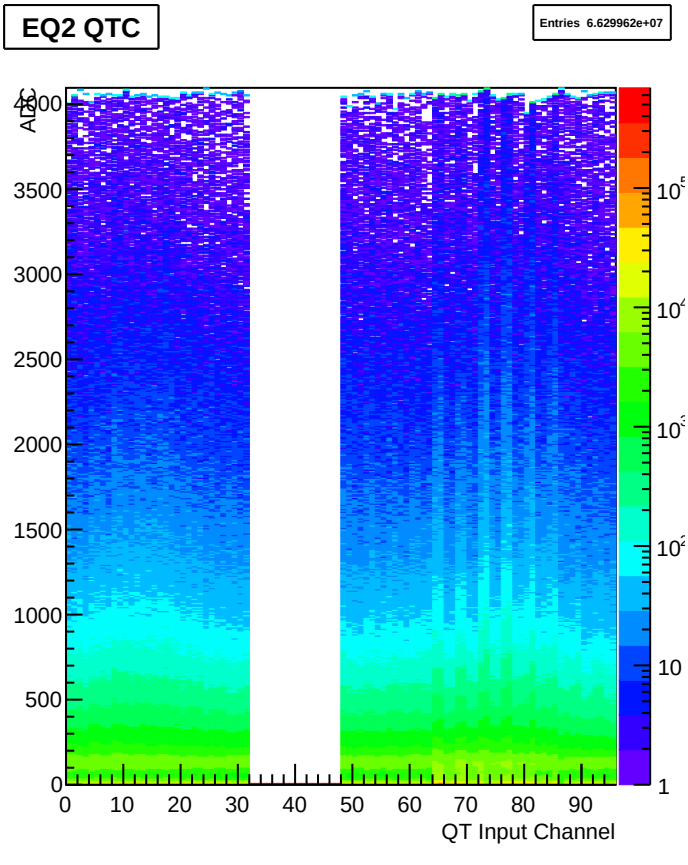

EQ1 QTB
Entries 6.711777e+07
TDC
QT Input Channel

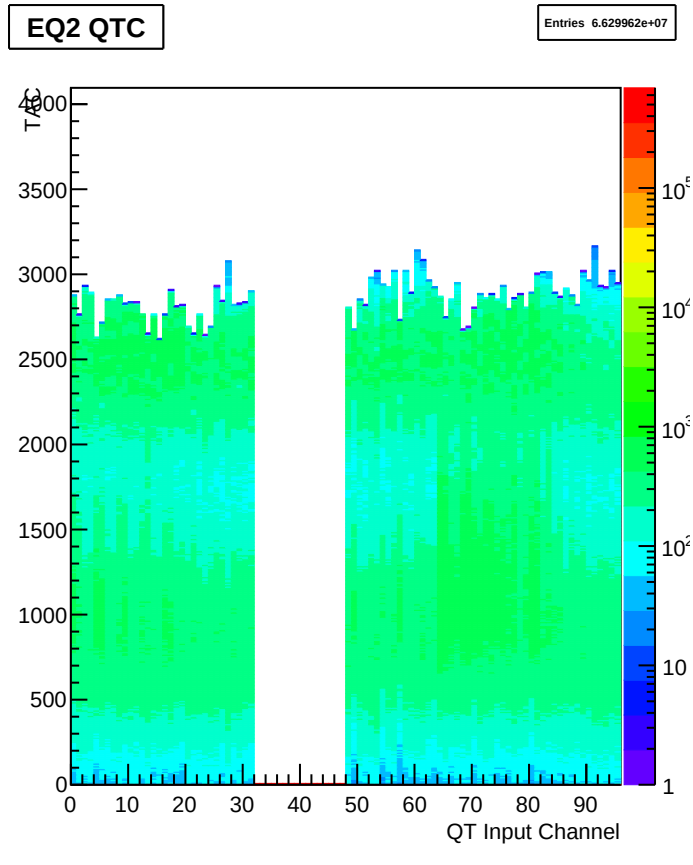

EQ1 QTC
Entries 6.629962e+07
ADC
QT Input Channel

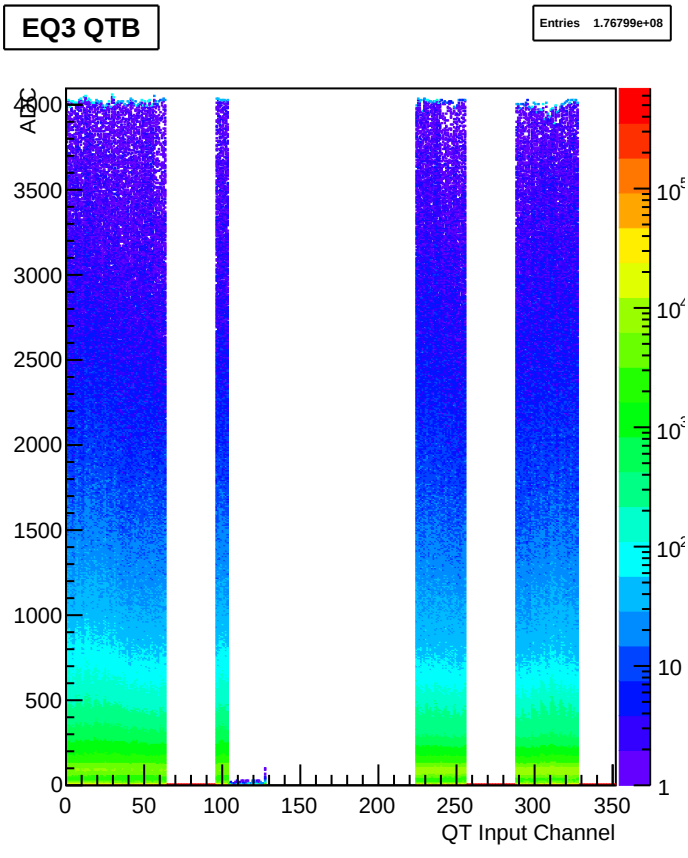

EQ1 QTC
Entries 6.629962e+07
TADC
QT Input Channel

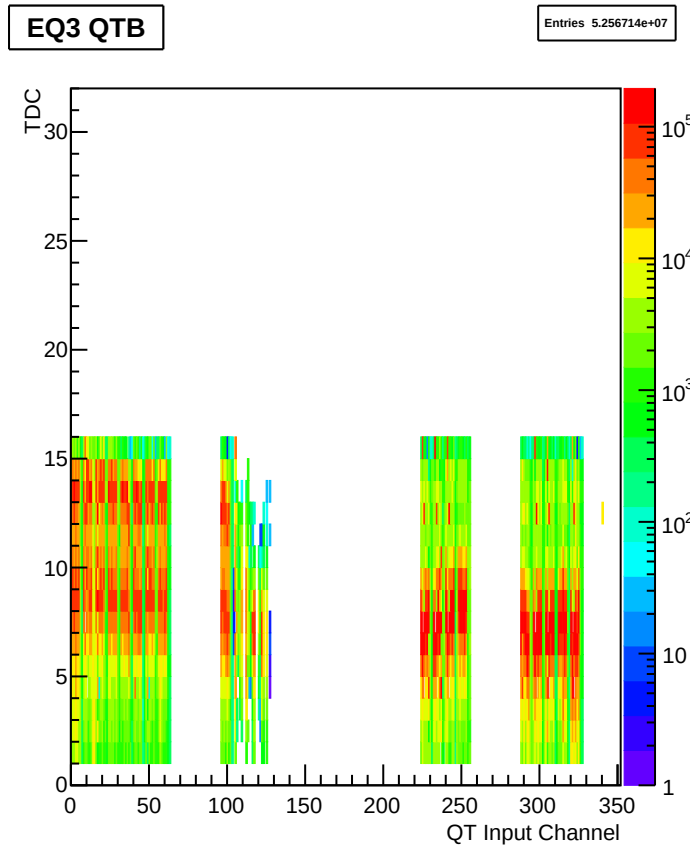

EQ2 QTB
Entries 1.988988e+08
ADC
QT Input Channel

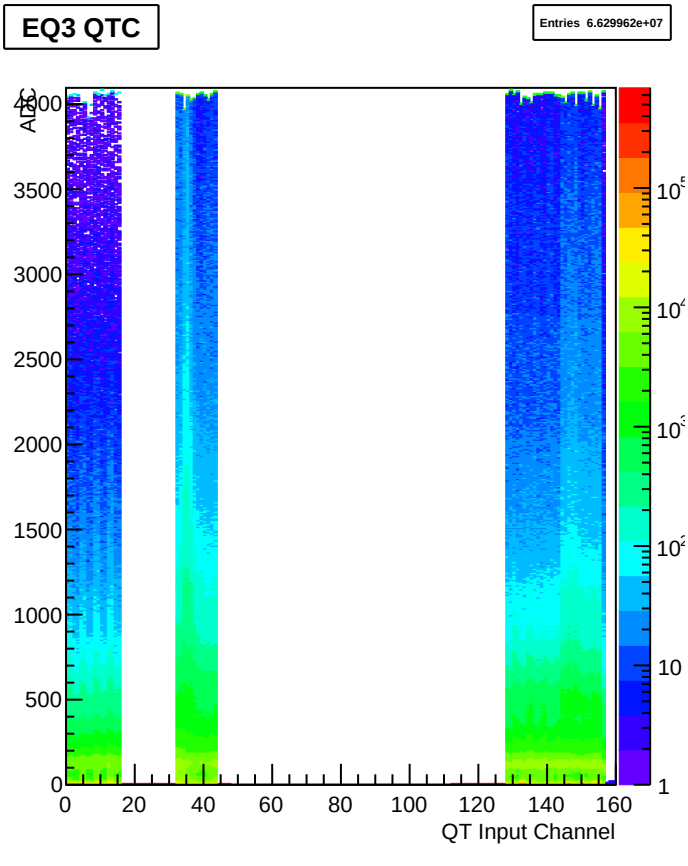

EQ2 QTB
Entries 6.16356e+07
TDC
QT Input Channel

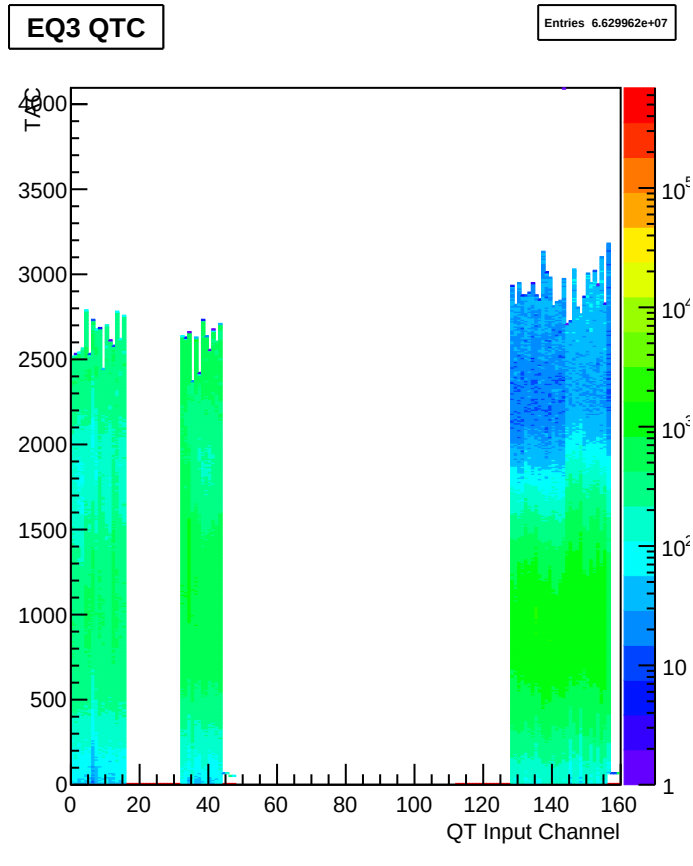

EQ2 QTC
Entries 6.629962e+07
ADC
QT Input Channel

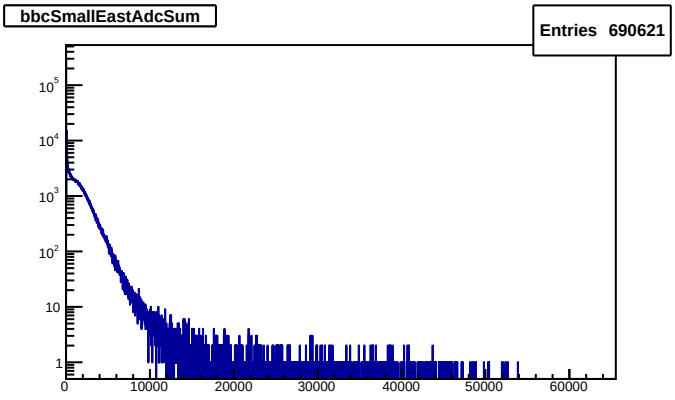

EQ2 QTC
Entries 6.629962e+07
TADC
QT Input Channel

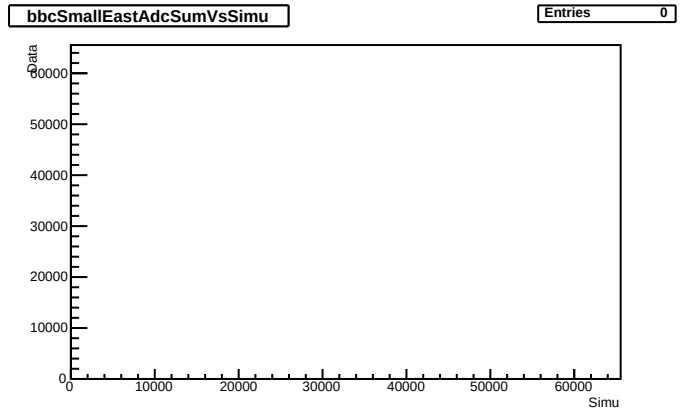

EQ3 QTB
Entries 1.76799e+08
ADC
QT Input Channel

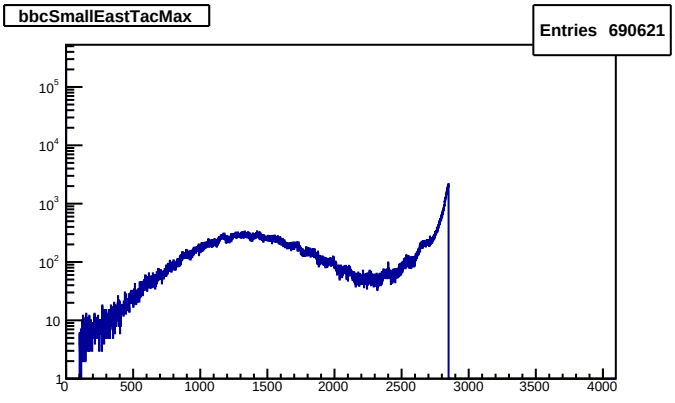

EQ3 QTB
Entries 5.256714e+07
TDC
QT Input Channel

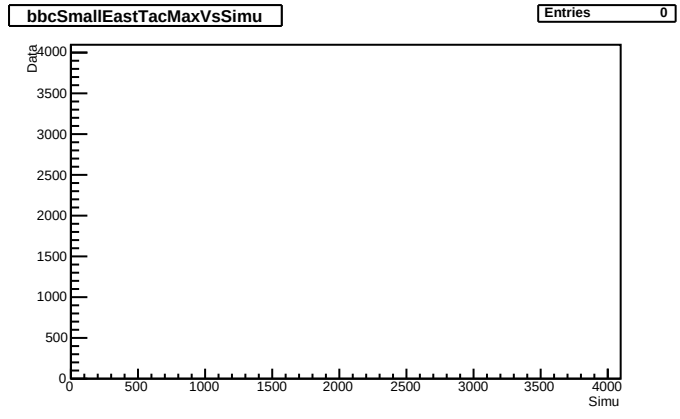

EQ3 QTC
Entries 6.629962e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.629962e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 690621


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 690621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Entries 0
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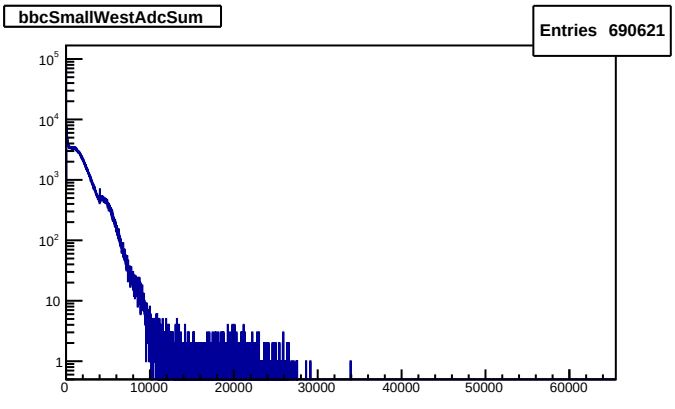
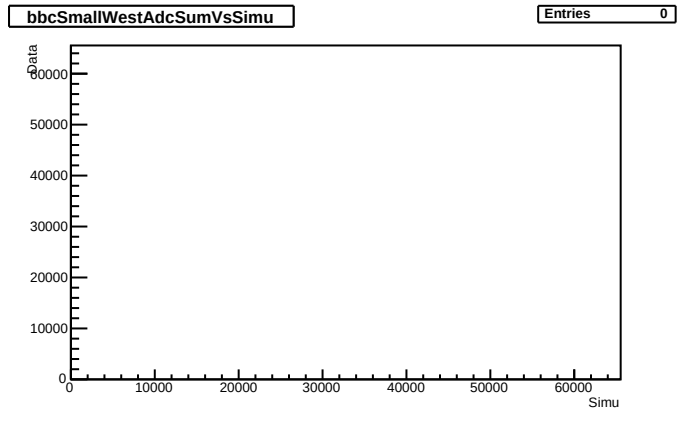
Simu


bbcSmallWestAdcSum
Entries 690621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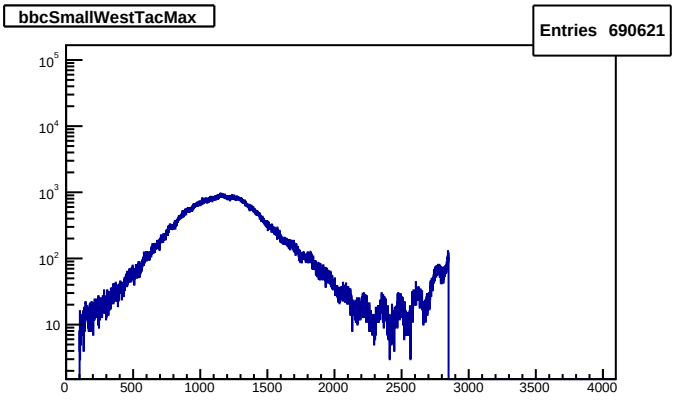
Entries 0
Data
Simu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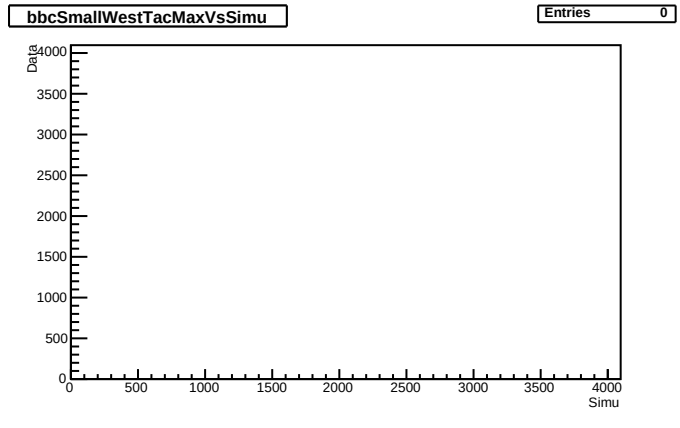
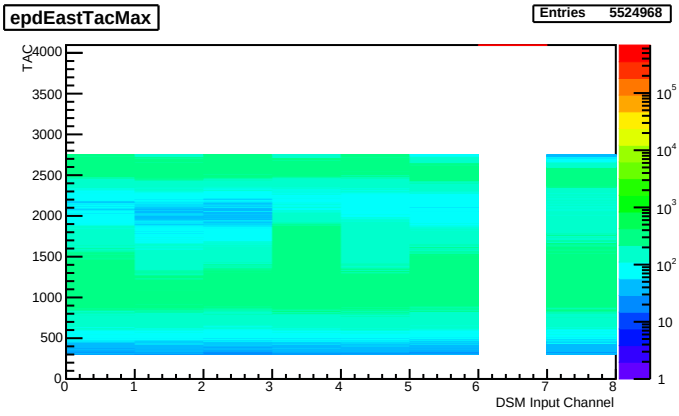
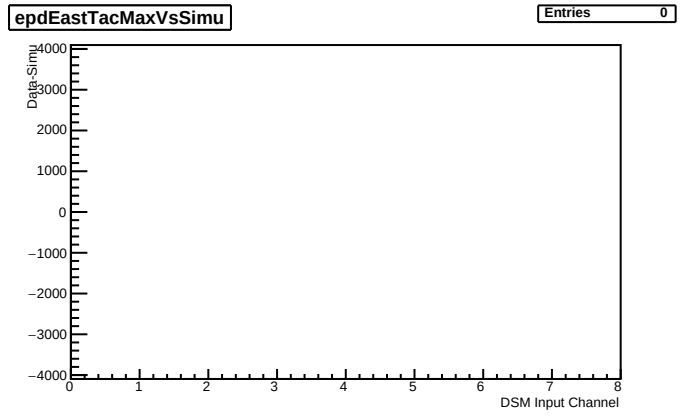
Entries 690621


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5524968
TAC
DSM Input Channel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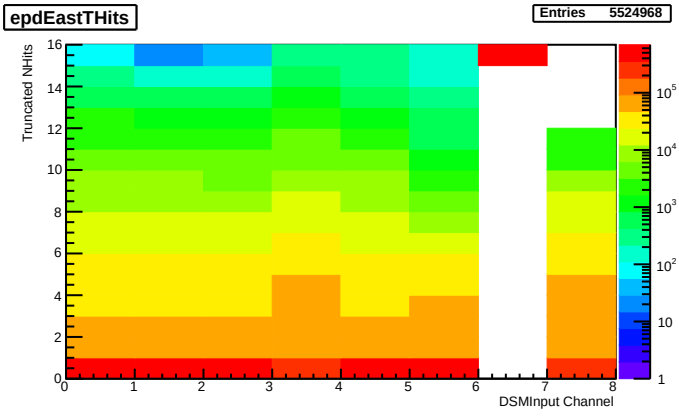
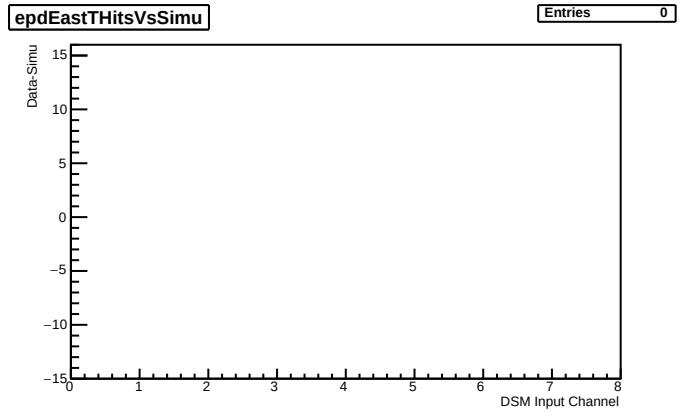
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5524968
Truncated NHits
DSMInput Channel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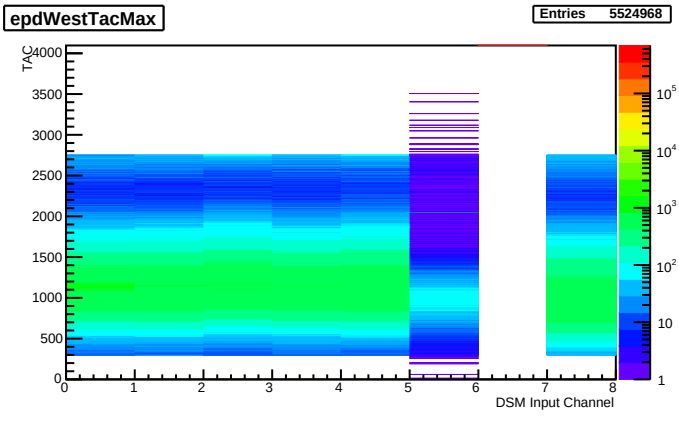
DSM Input Channel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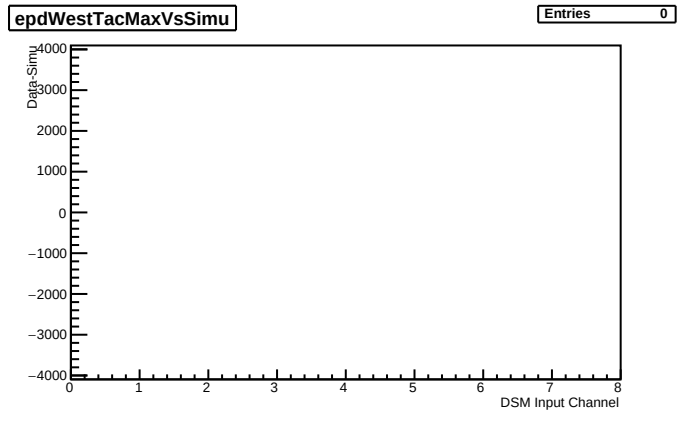
Entries 5524968
TAC
DSM Input Channel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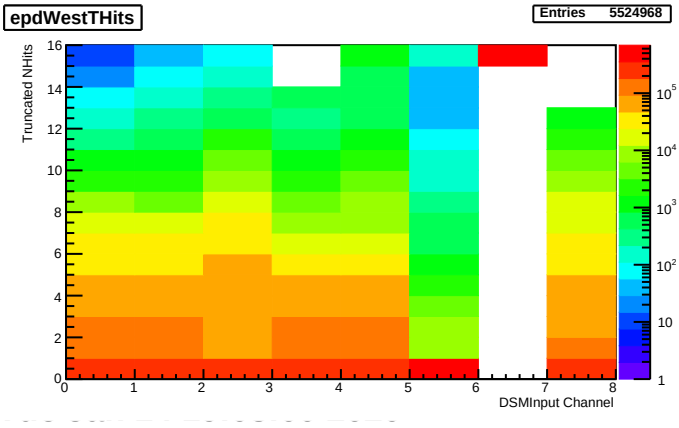
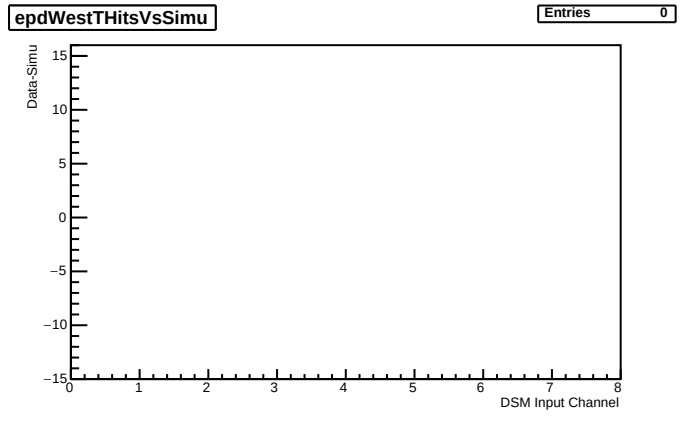
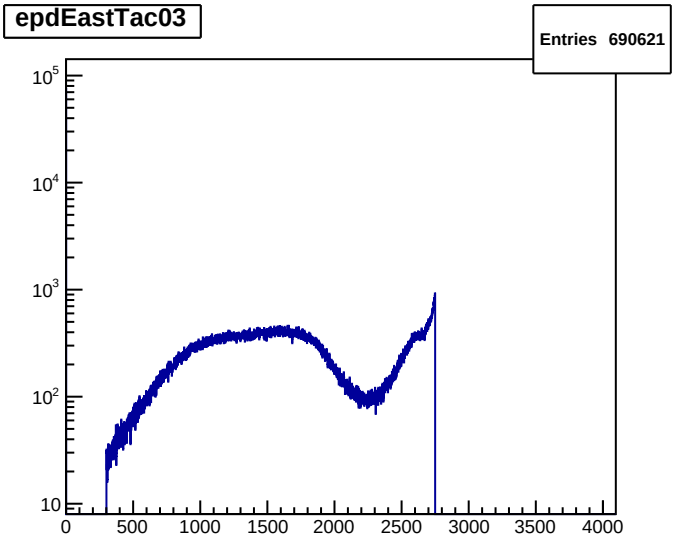
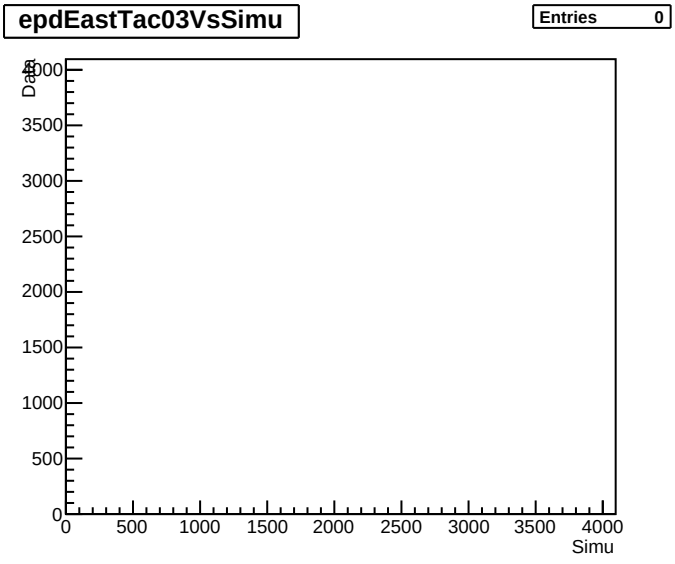
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 5524968
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 690621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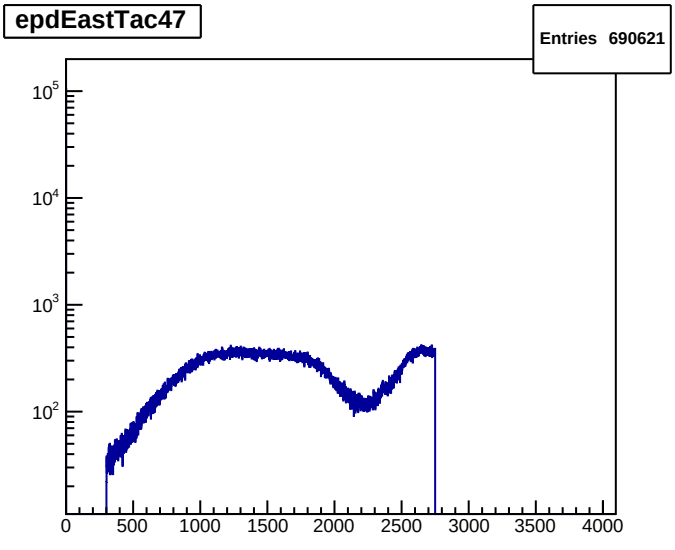
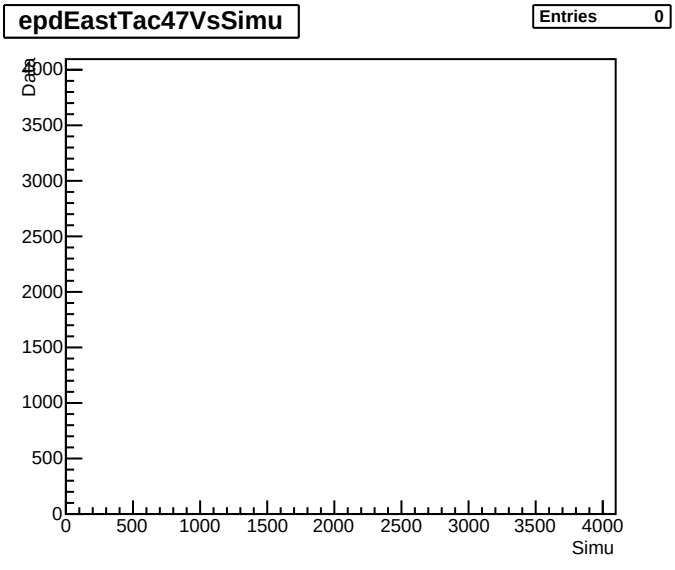
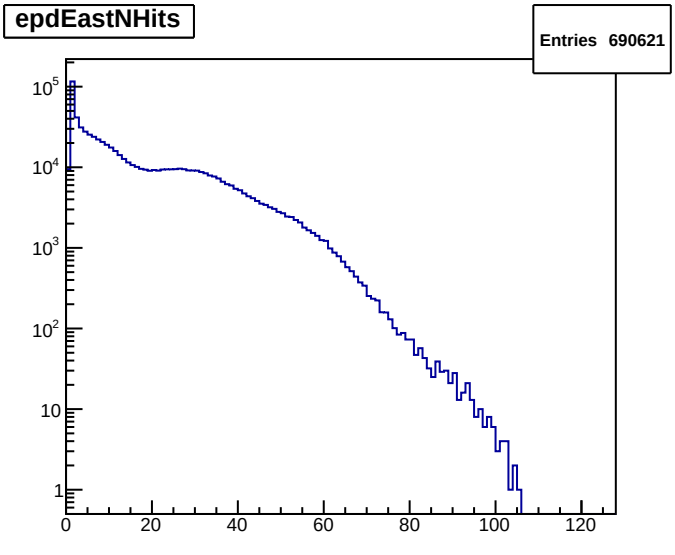
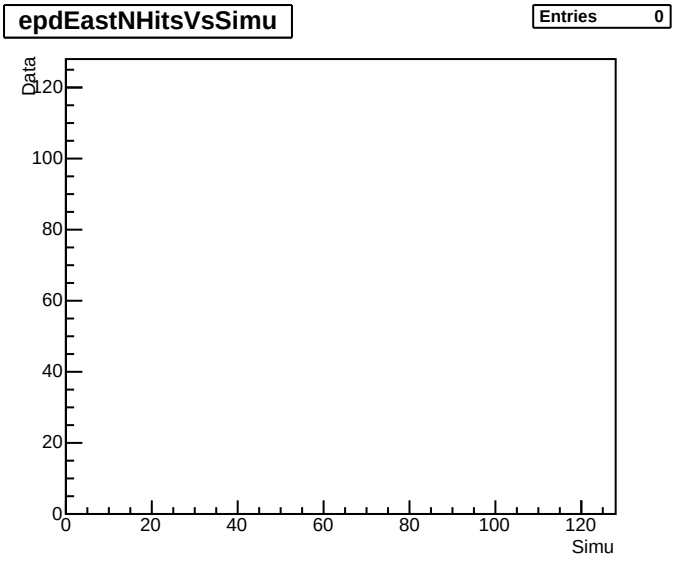
Entries 0
Data
Simu


epdEastTac47
Entries 690621


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 690621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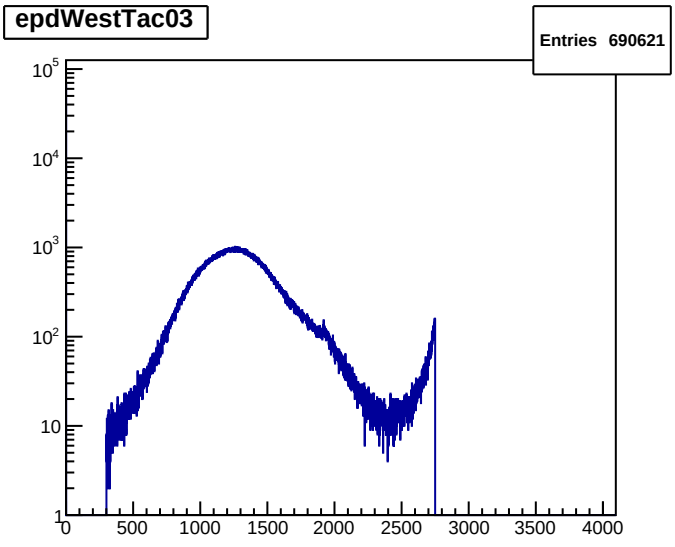
Entries 0
Data
Simu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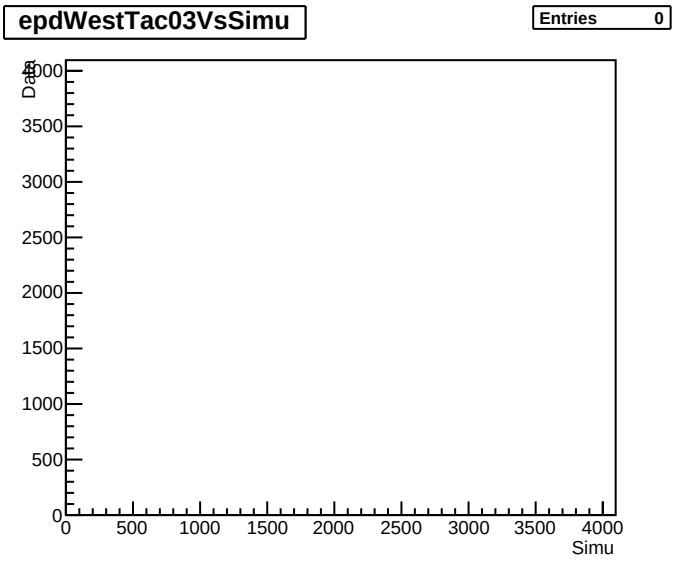
Entries 690621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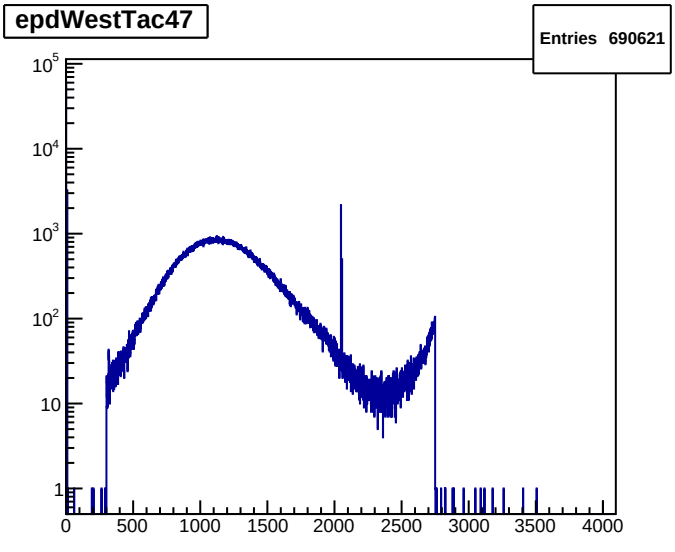
Entries 0
Data
Simu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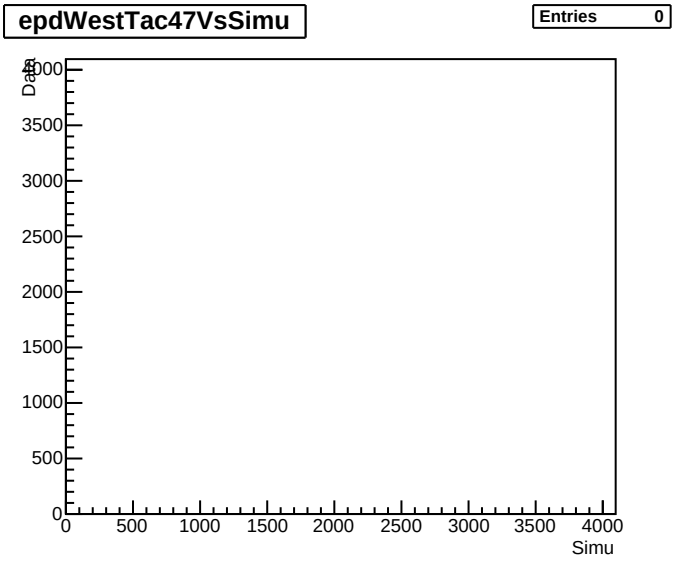
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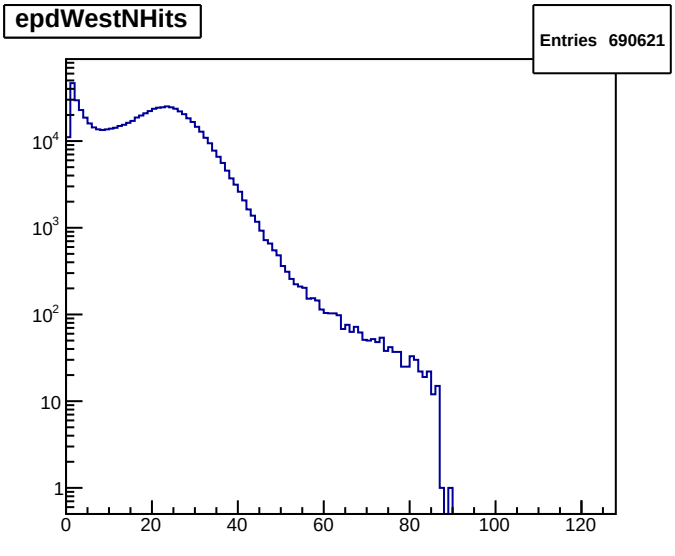
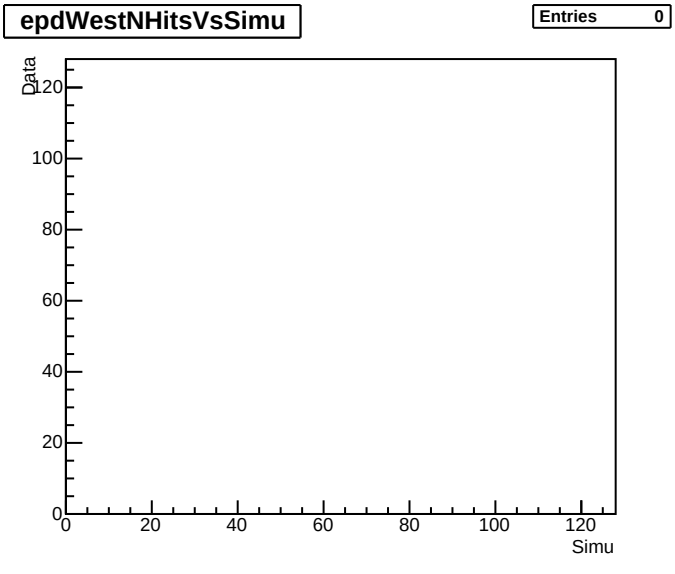
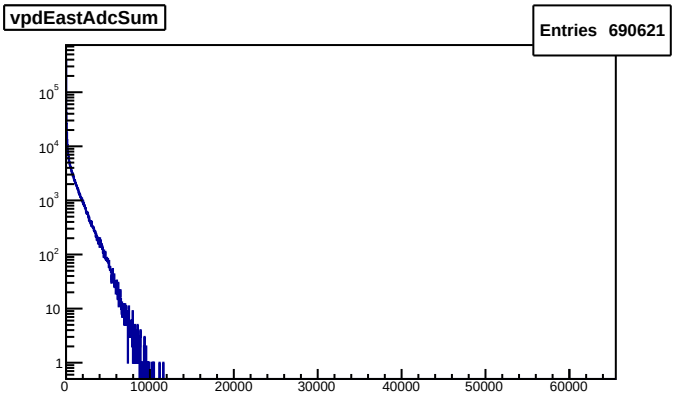
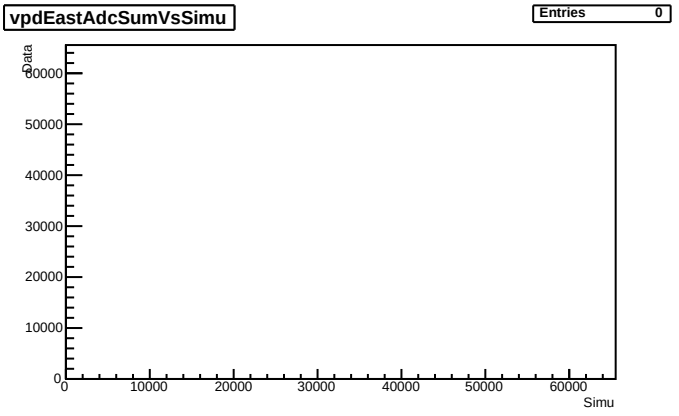
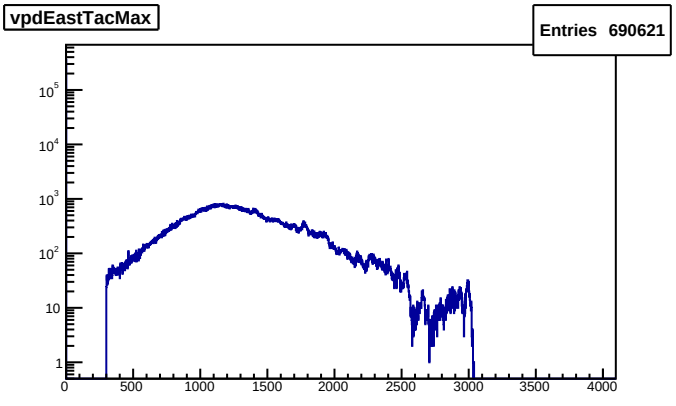
Entries 0
Data
Simu

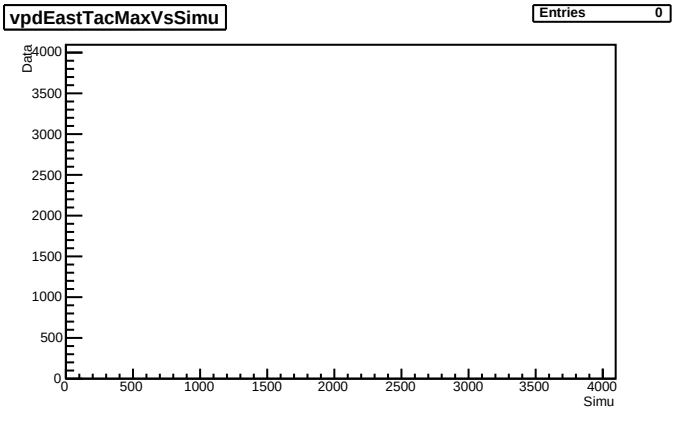

epdWestNHits
Entries 690621

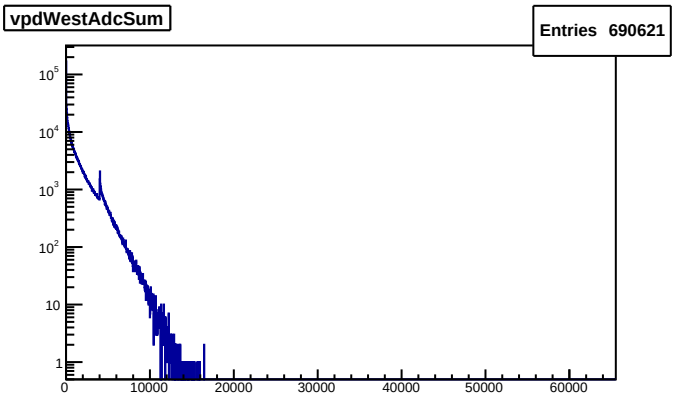

epdWestNHitsVsSimu
Entries 0
Data
Simu

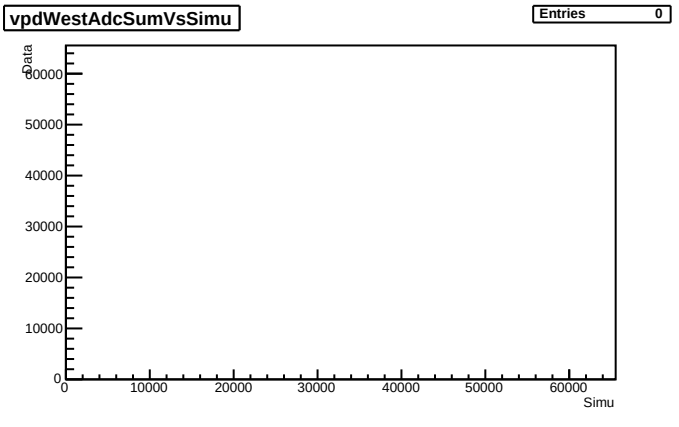

vpdEastAdcSum
Entries 690621


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 690621


vpdEastTacMaxVsSimu
Entries 0
Data
Simu


vpdWestAdcSum
Entries 690621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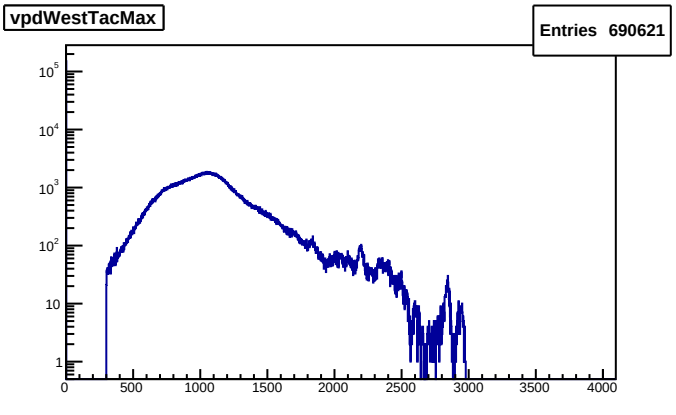
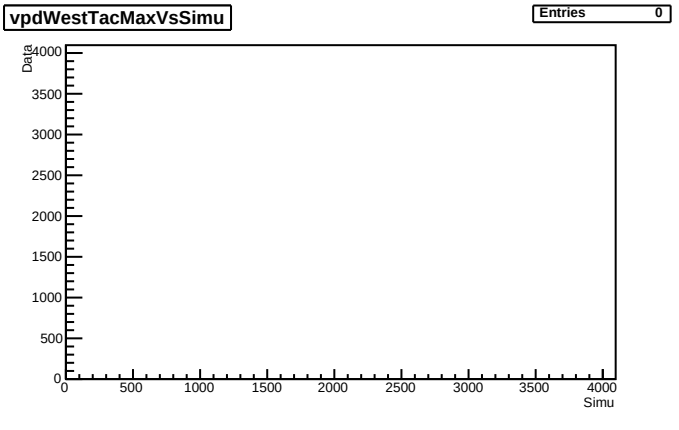
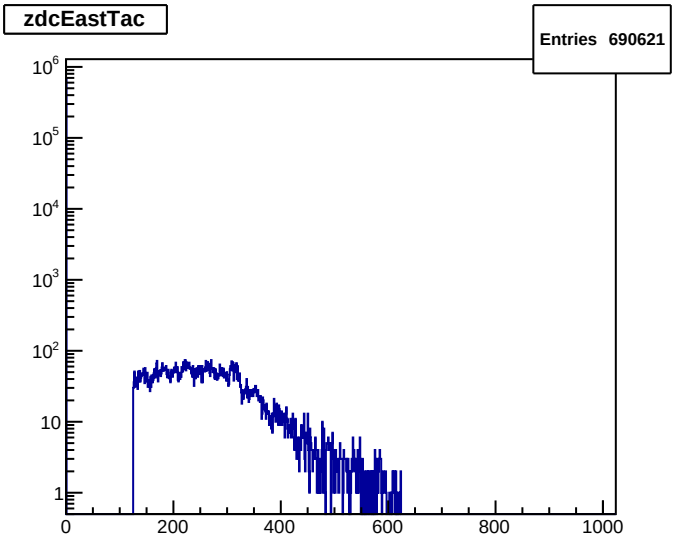
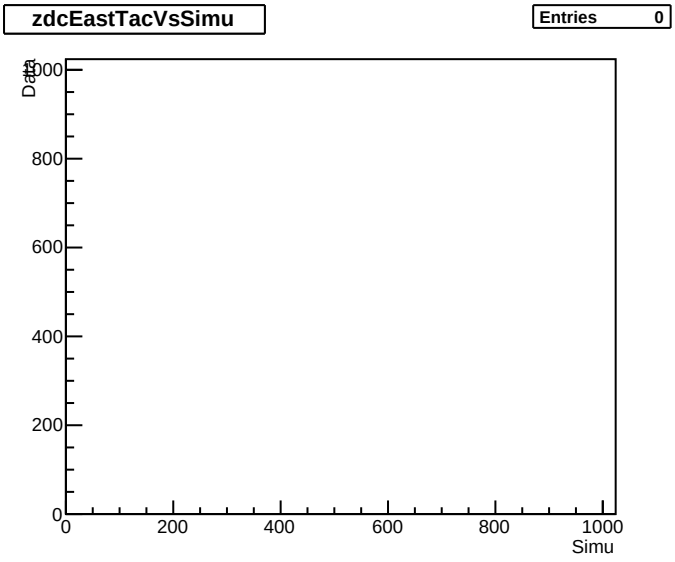
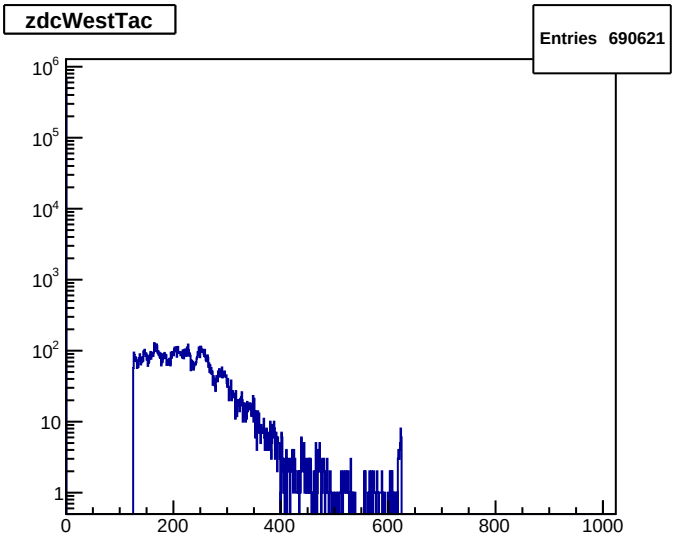
Entries 0
Data
Simu

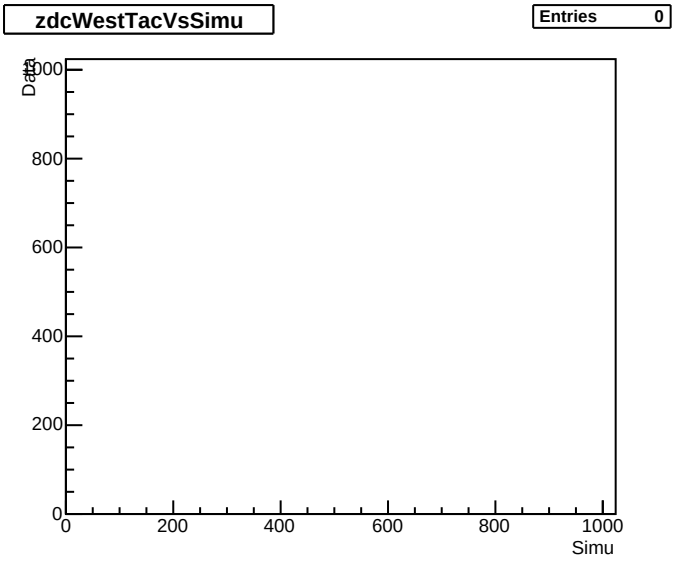

vpdWestTacMax
Entries 690621

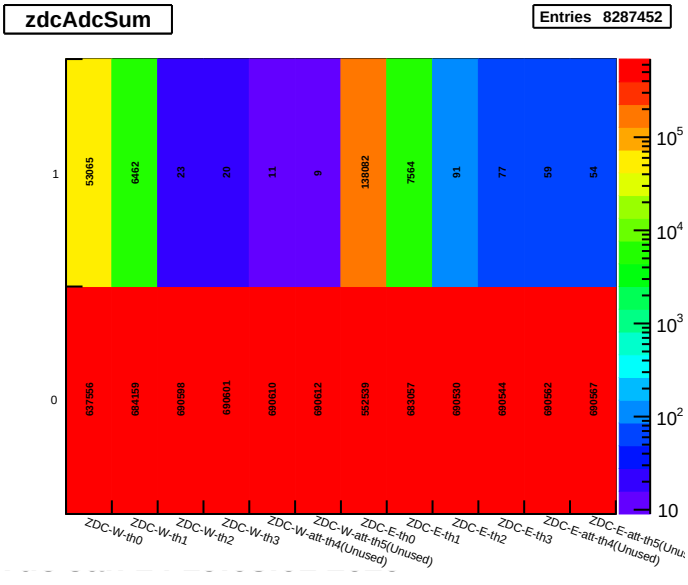

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

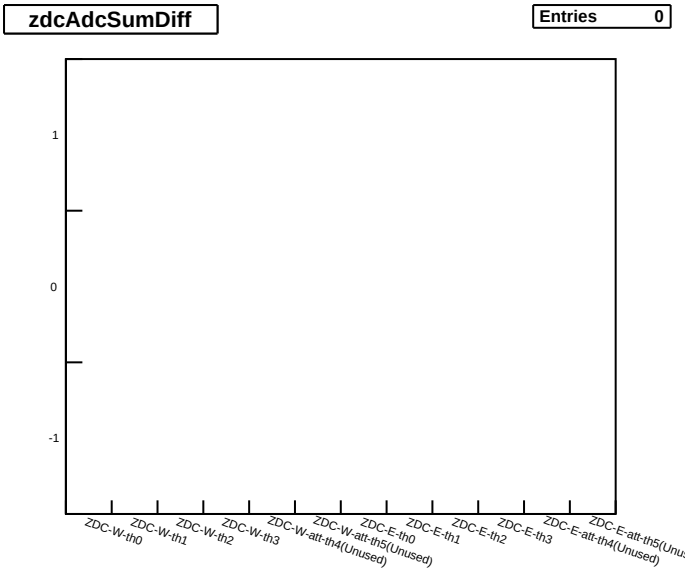

zdcEastTac
Entries 690621

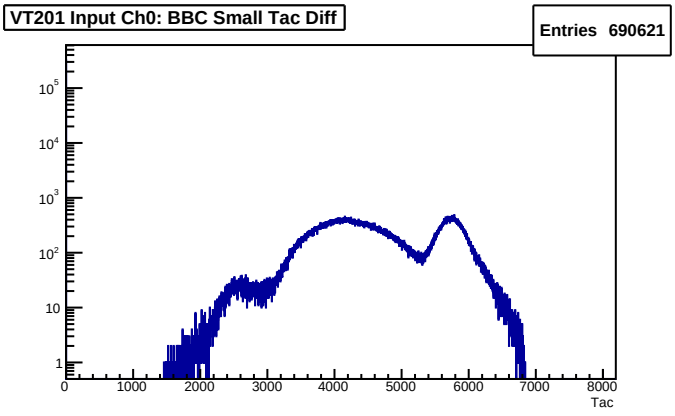

zdcEastTacVsSimu
Entries 0
Data
Simu

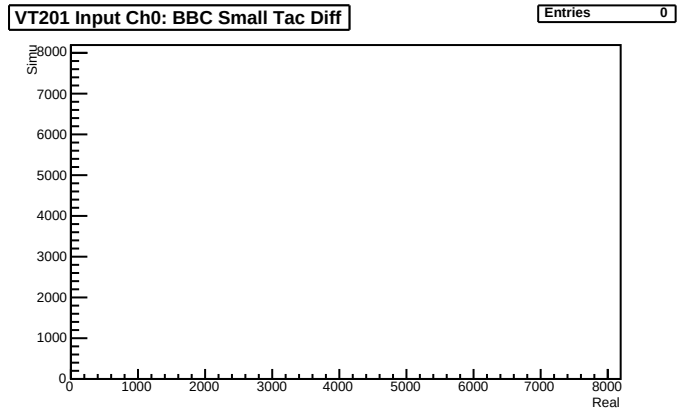

zdcWestTac
Entries 690621

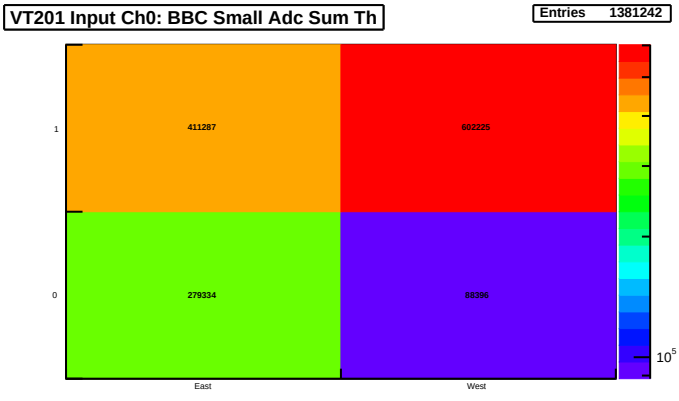

zdcWestTacVsSimu
Entries 0
Data
Simu

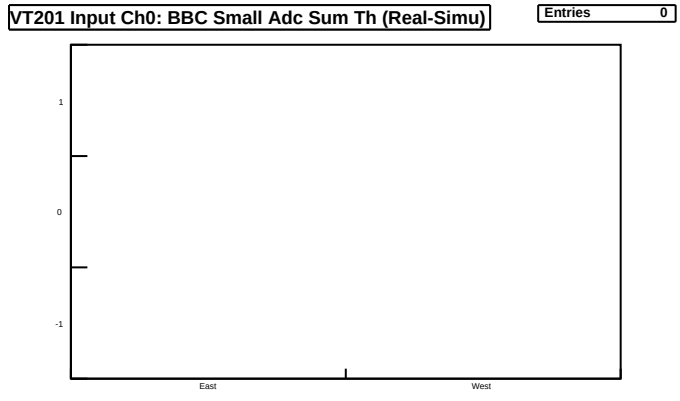

zdcAdcSum
Entries 8287452
53065
6462
23
20
11
9
138082
7564
91
77
59
54
637566
684159
690598
690601
690610
690612
552539
683057
690530
690544
690562
690567
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

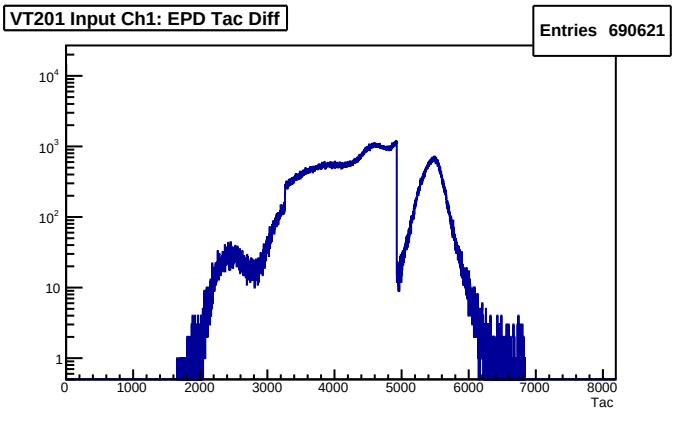

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

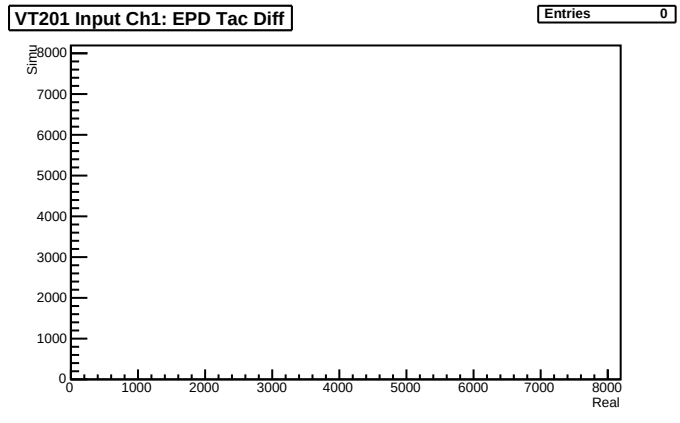

VT201 Input Ch0: BBC Small Tac Diff
Entries 690621
Tac

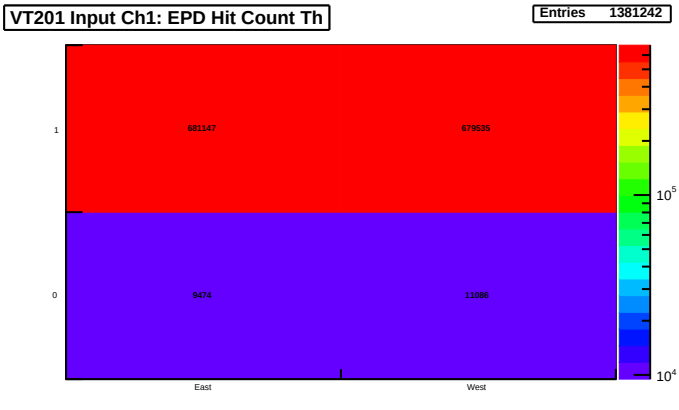

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

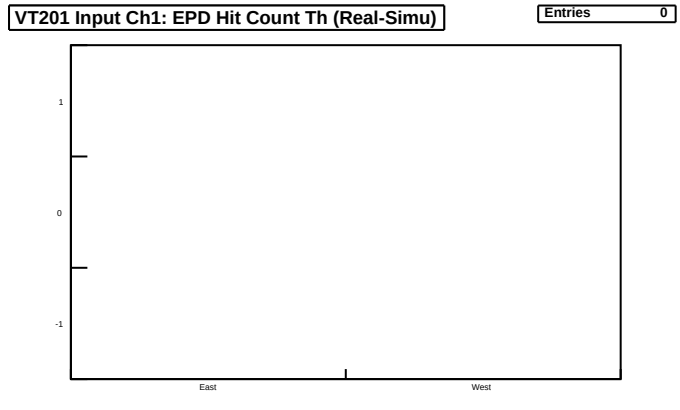

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1381242
411287
602225
279334
88396
East
West

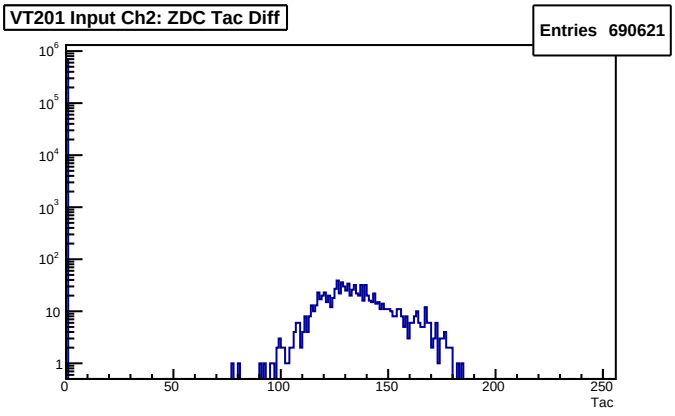

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

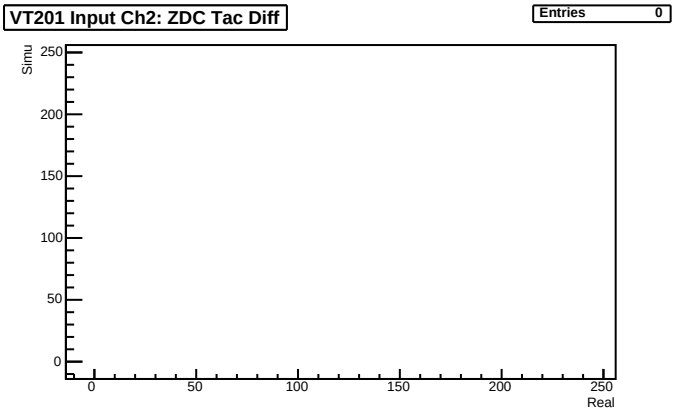

VT201 Input Ch1: EPD Tac Diff
Entries 690621
Tac

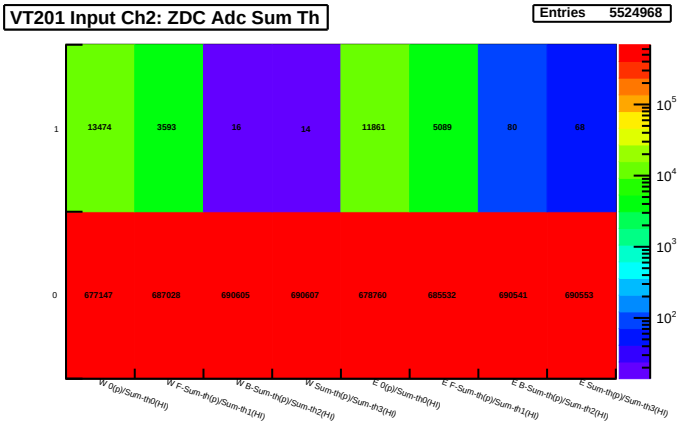

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

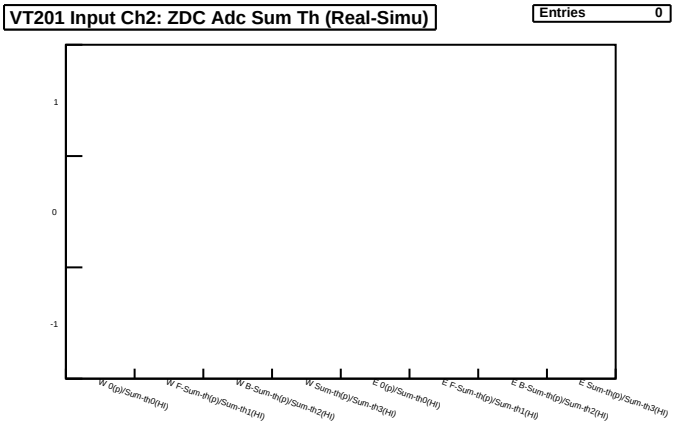

VT201 Input Ch1: EPD Hit Count Th
Entries 1381242
681147
679535
9474
11086
East
West

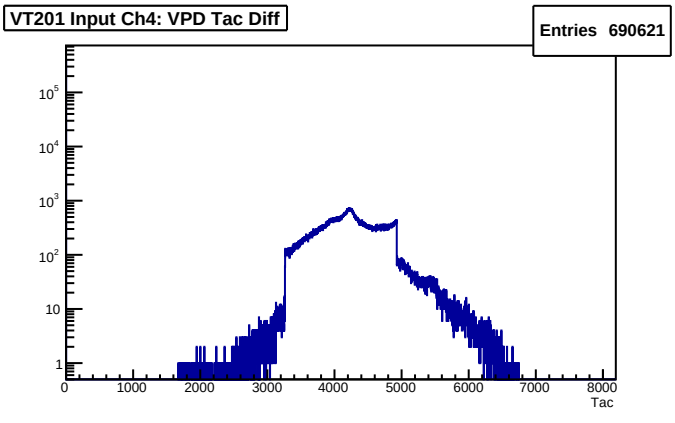

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

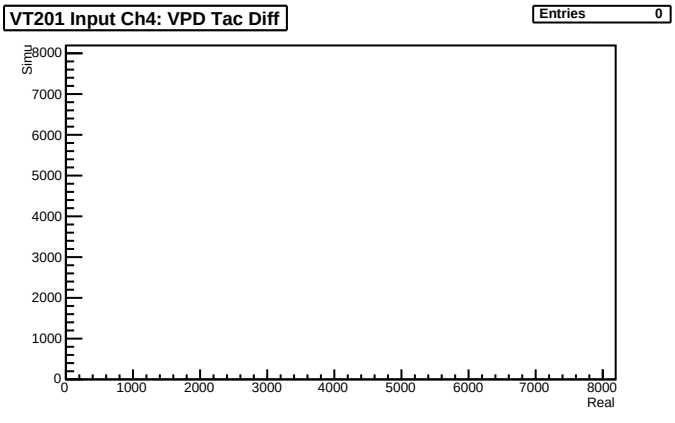

VT201 Input Ch2: ZDC Tac Diff
Entries 690621
Tac

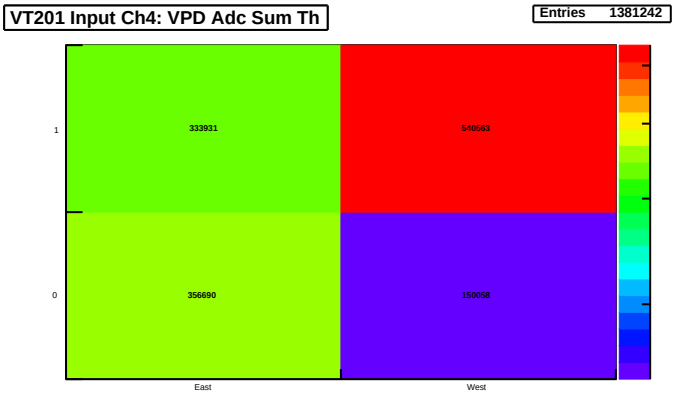

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

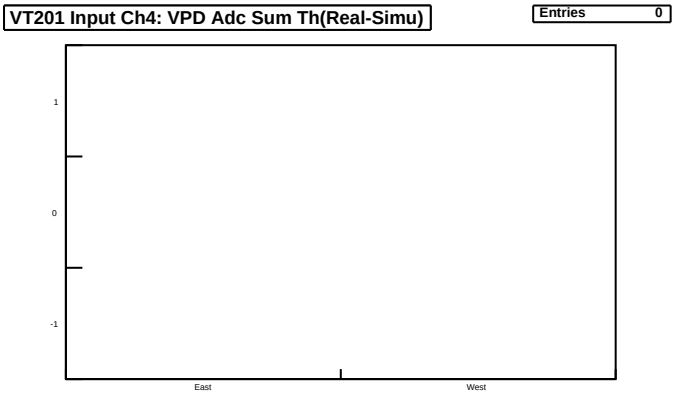

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5524968
13474
3593
16
14
11861
5089
80
68
677147
687028
690605
690607
678760
685532
690541
690553
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

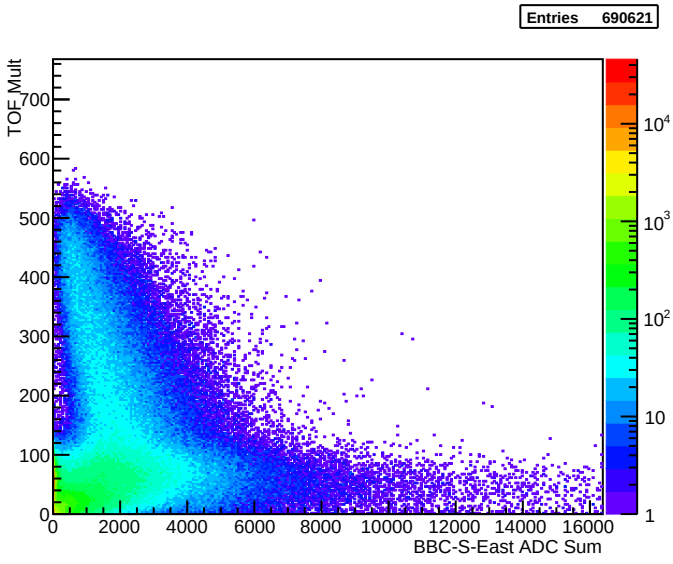

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

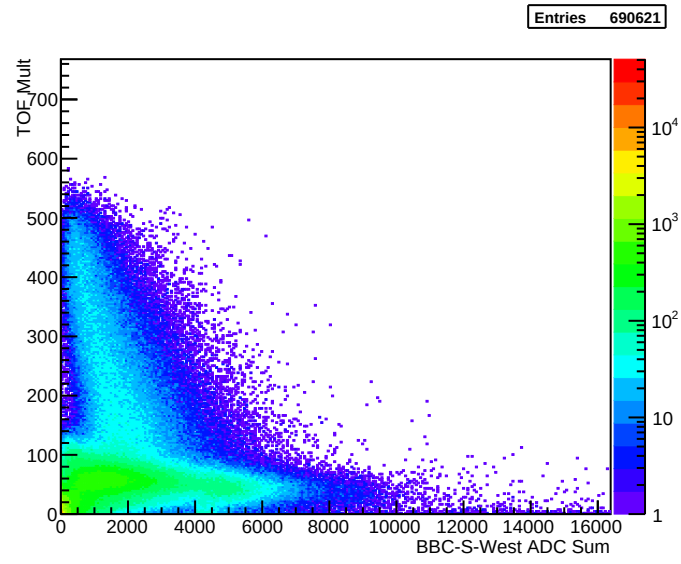

VT201 Input Ch4: VPD Tac Diff
Entries 690621
Tac

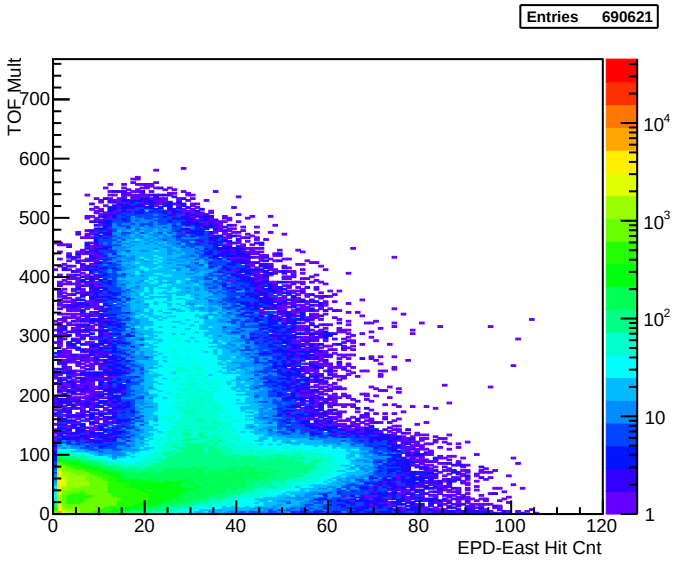

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

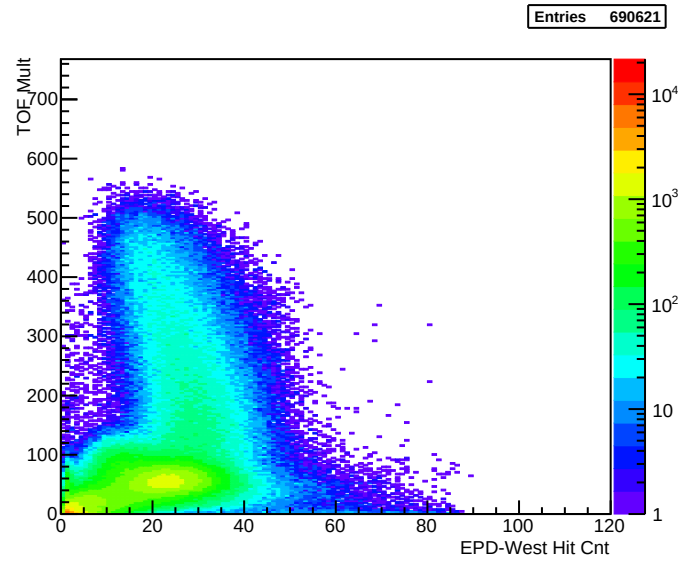

VT201 Input Ch4: VPD Adc Sum Th
Entries 1381242
333931
540563
356690
150058
East
West

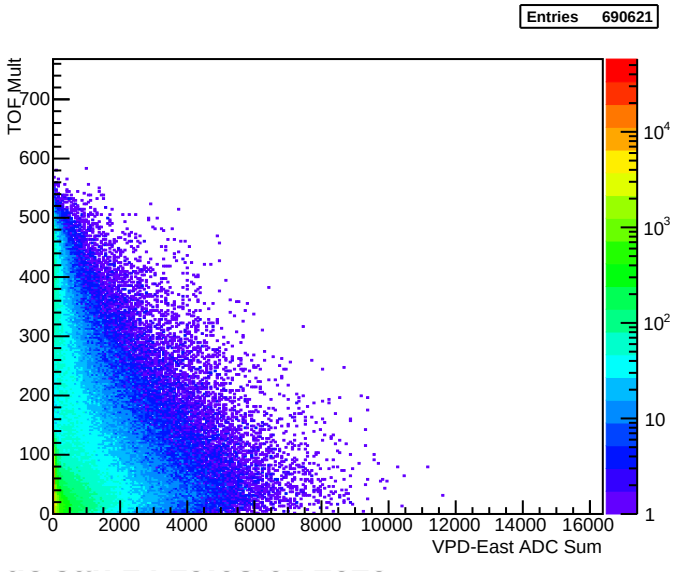

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

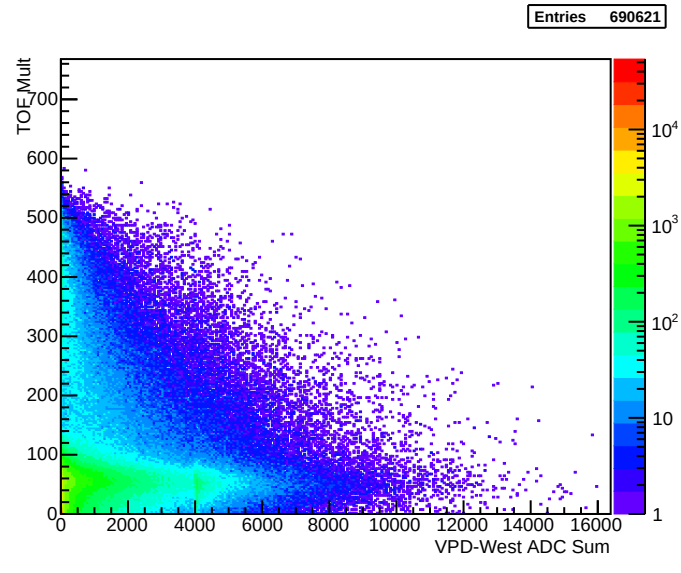

Entries 690621
TOF_Mult
BBC-S-East ADC Sum

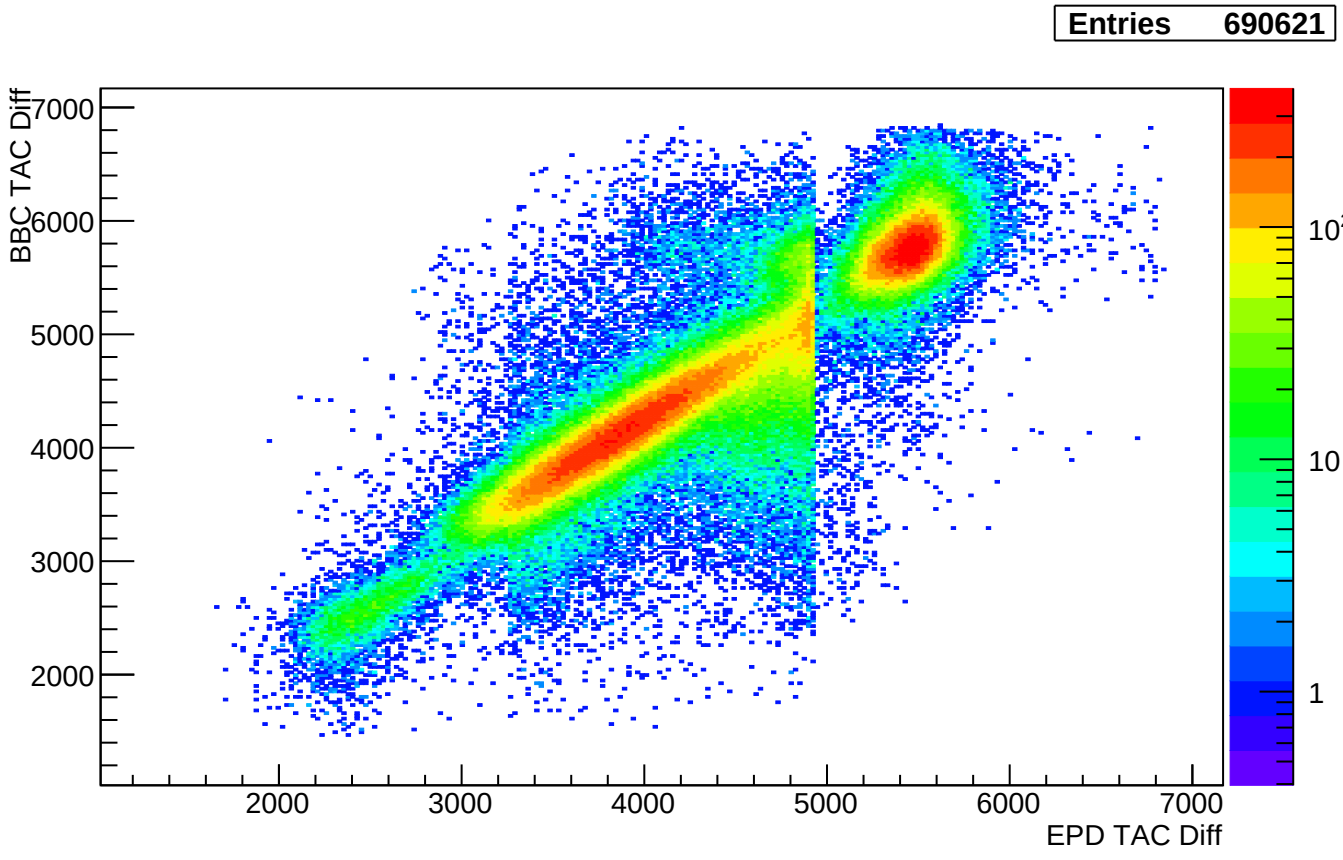

Entries 690621
TOF_Mult
BBC-S-West ADC Sum

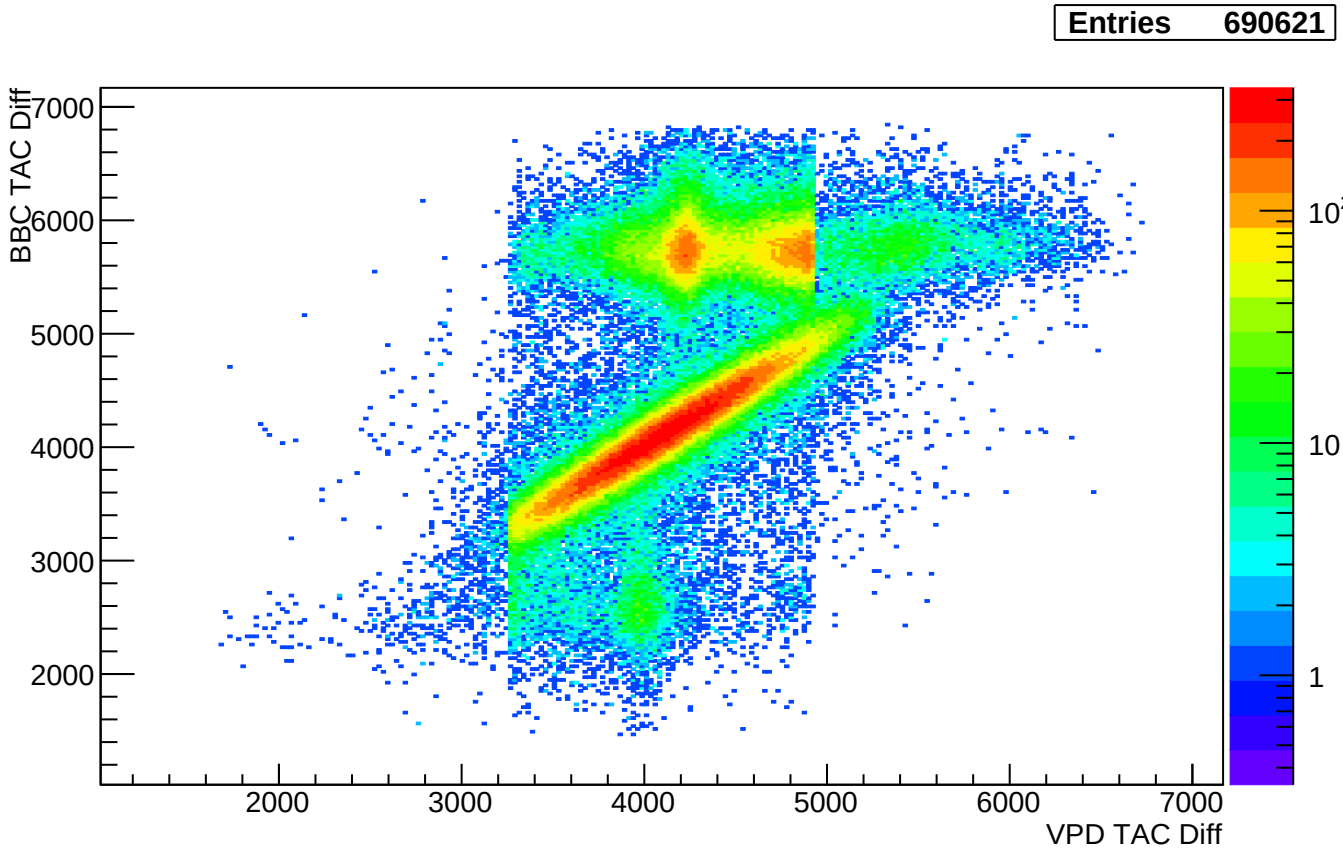

Entries 690621
TOF_Mult
EPD-East Hit Cnt

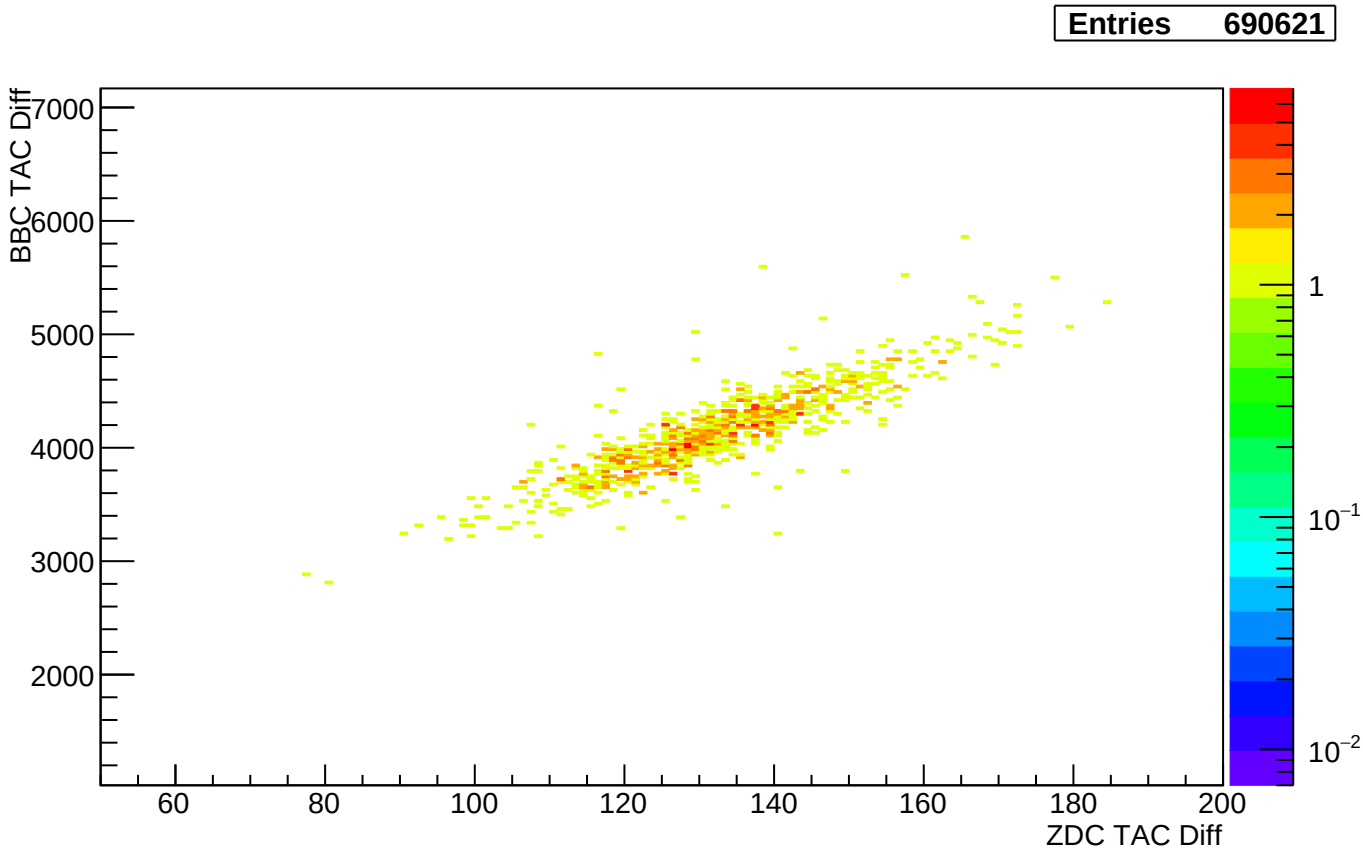

Entries 690621
TOF_Mult
EPD-West Hit Cnt

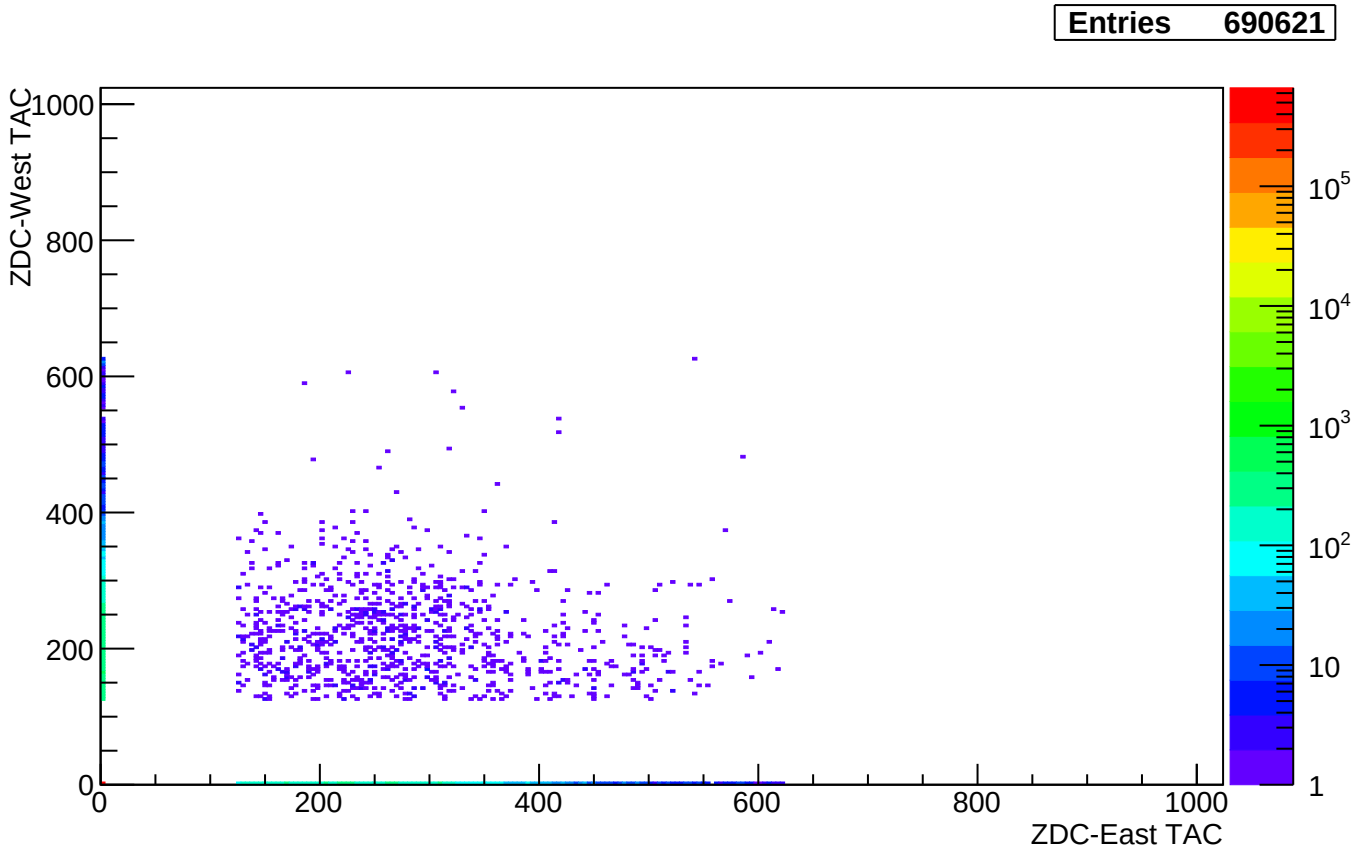

Entries 690621
TOF_Mult
VPD-East ADC Sum

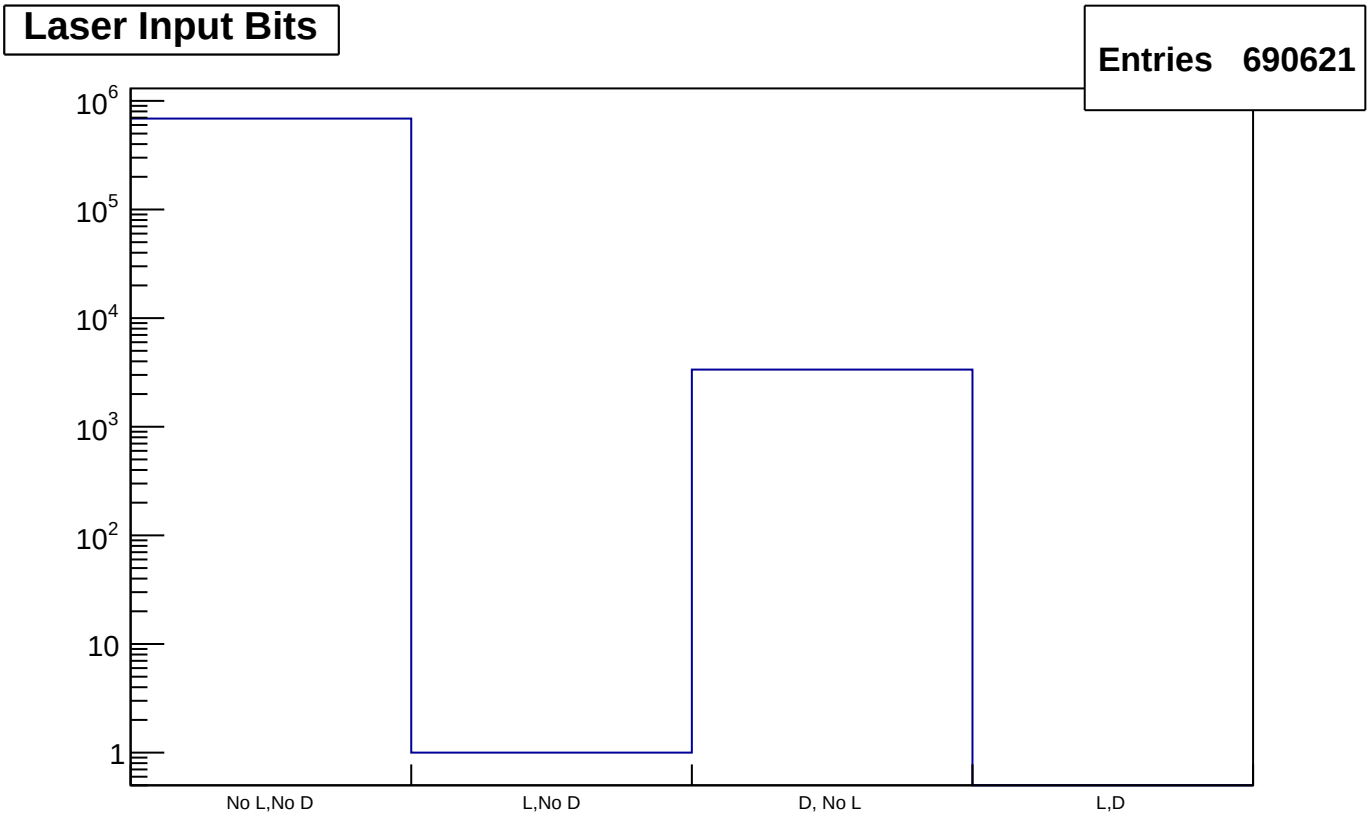

Entries 690621
TOF_Mult
VPD-West ADC Sum

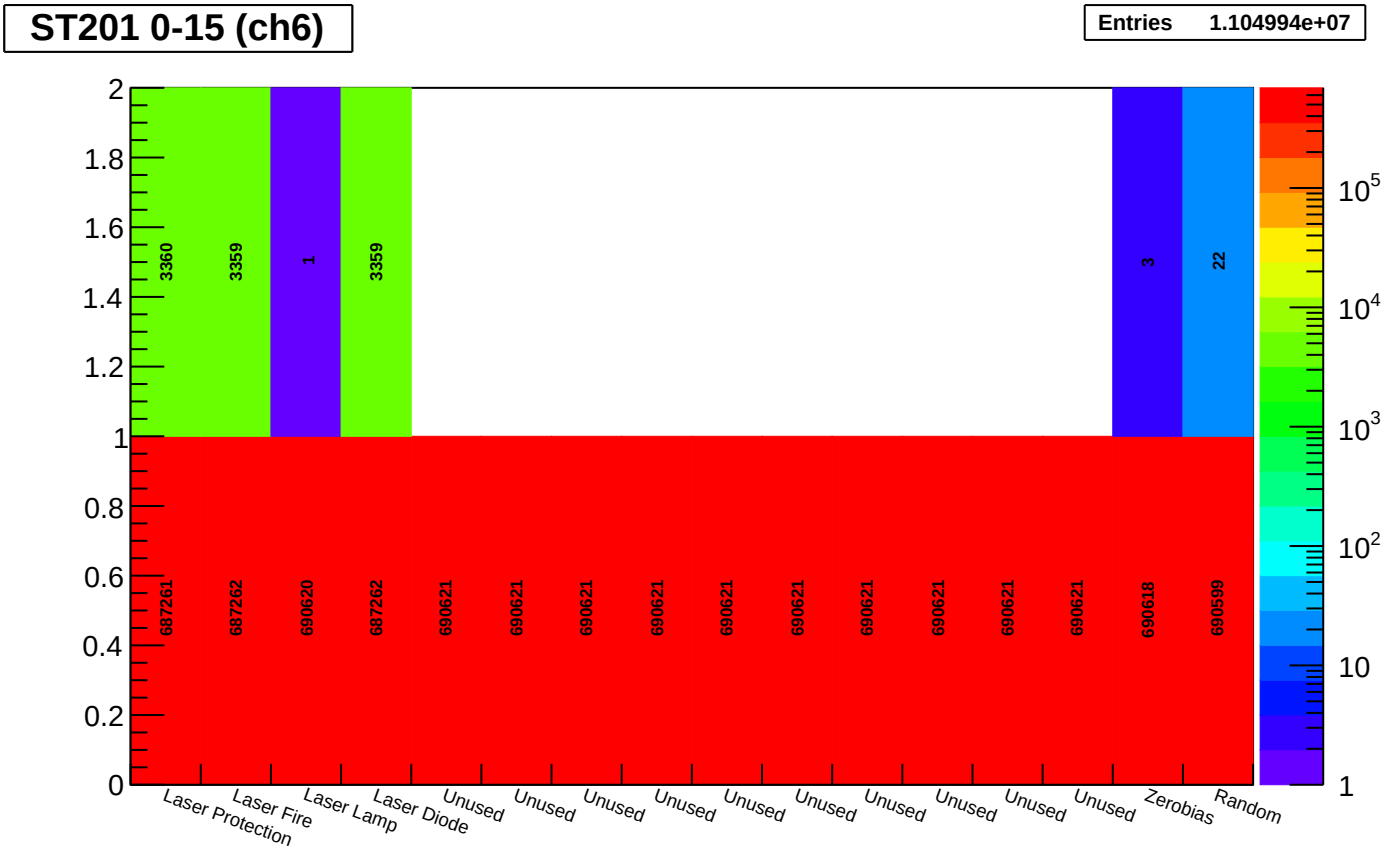

Entries 690621
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

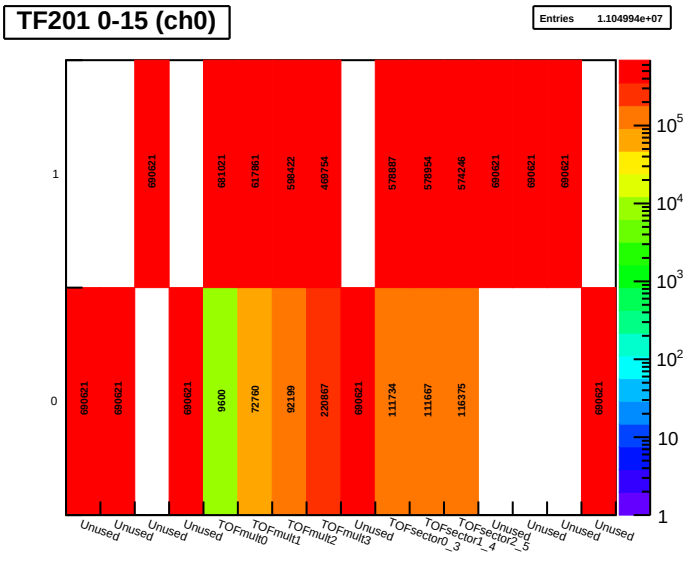

Entries 690621
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

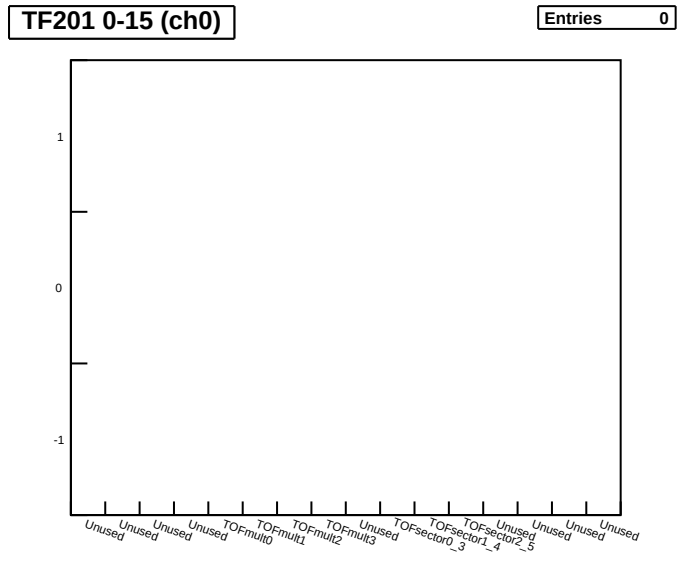

Entries 690621
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

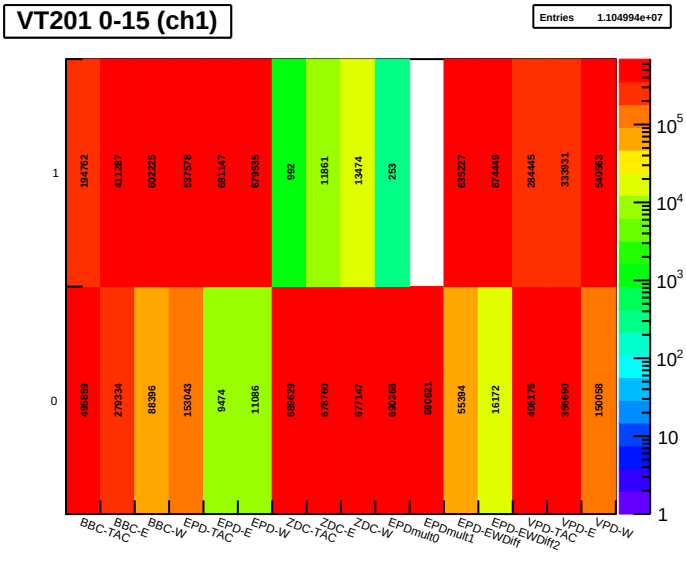

Entries 690621
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

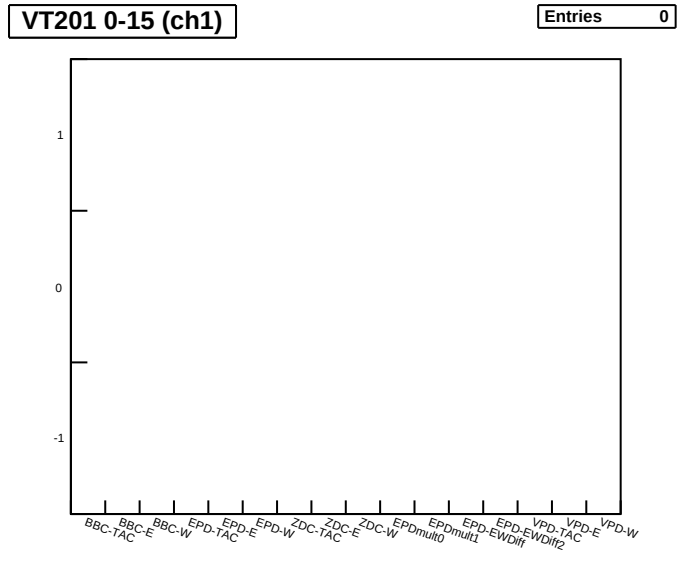

Laser Input Bits
Entries 690621
10^6
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

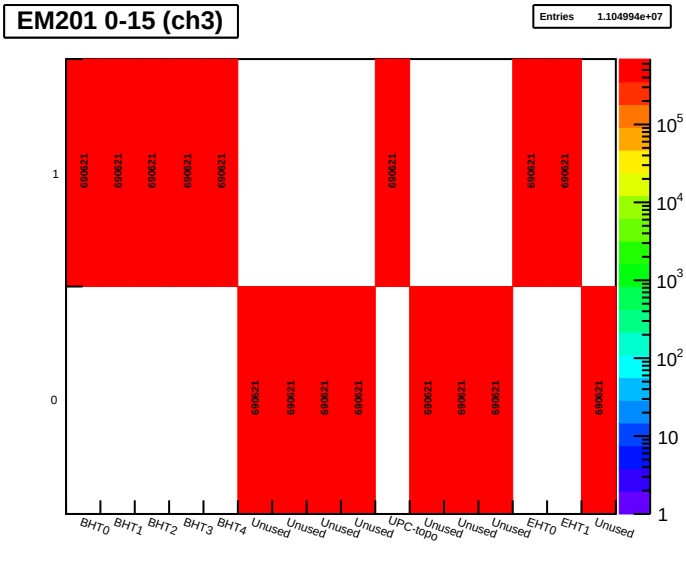

ST201 0-15 (ch6)
Entries 1.104994e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3360
3359
1
3359
3
22
687261
687262
690620
687262
690621
690621
690621
690621
690621
690621
690621
690621
690621
690621
690618
690599
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

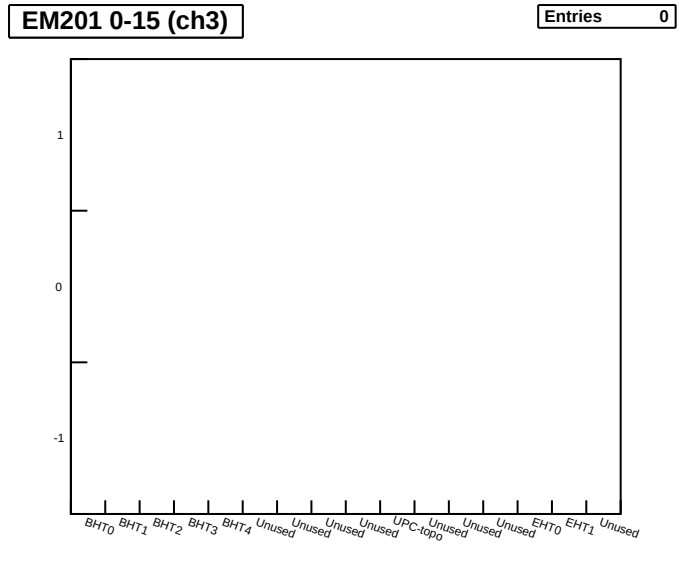

TF201 0-15 (ch0)
Entries 1.104994e+07
690621
681021
617861
538422
469754
578887
578954
574246
690621
690621
690621
690621
690621
690621
9600
72760
92199
220867
690621
111734
111667
116375
690621
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


TF201 0-15 (ch0)
Entries 0
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 1.104994e+07
194762
411287
602225
537578
681147
679535
992
11861
13474
253
635227
674449
284445
333931
540563
495859
279334
88396
153043
9474
11086
689629
678760
677147
690368
690621
55394
16172
406176
356690
150058
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


VT201 0-15 (ch1)
Entries 0
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 1.104994e+07
690621
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1


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