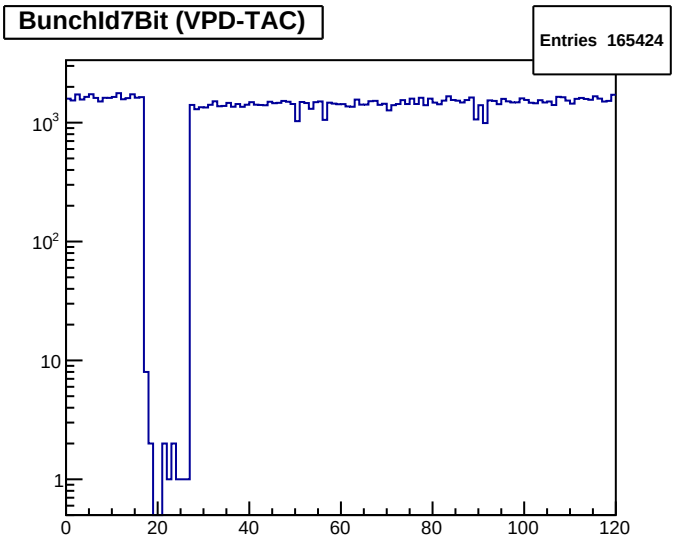
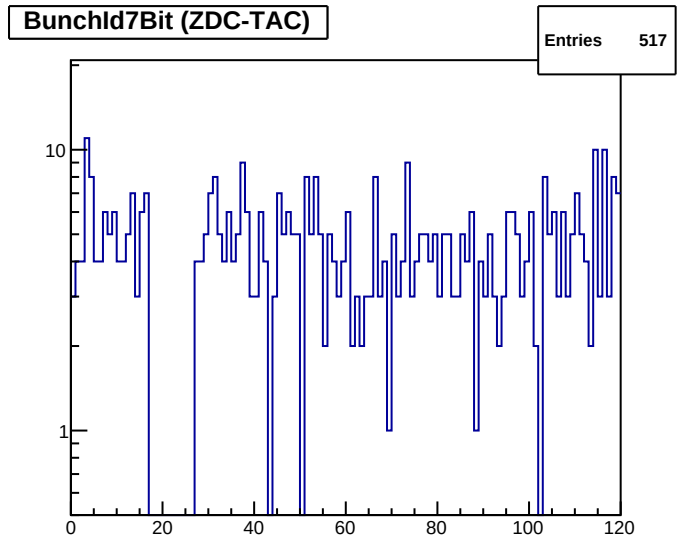
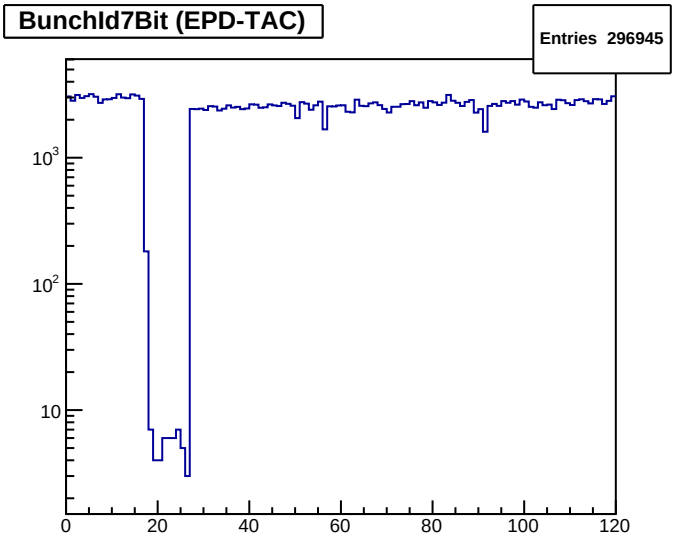
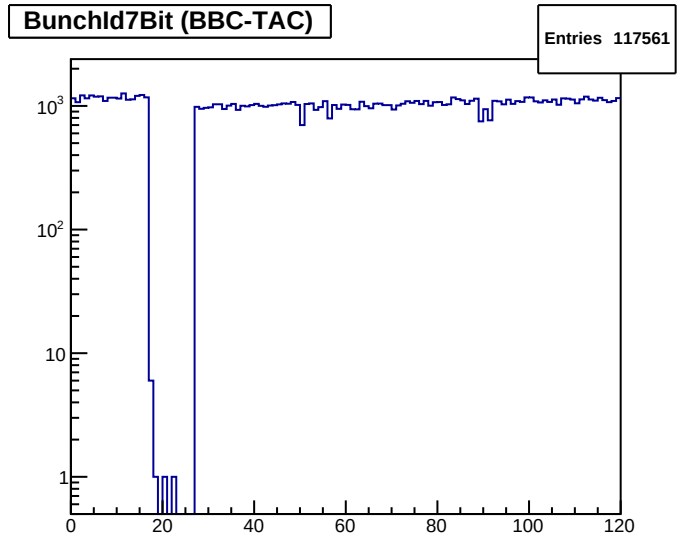
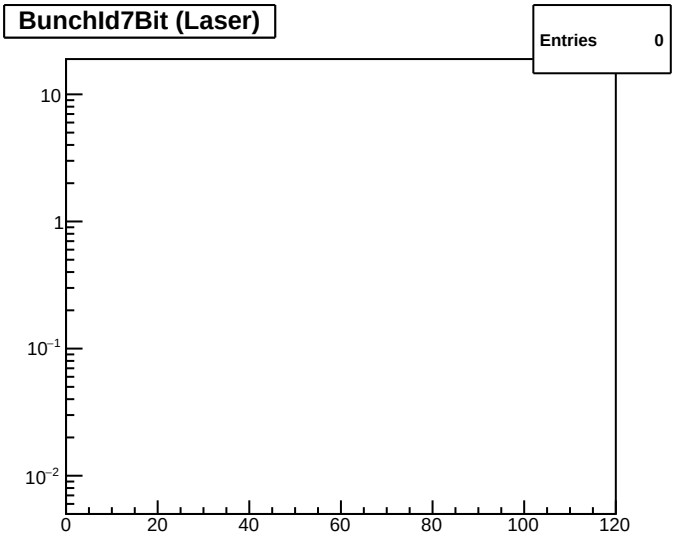
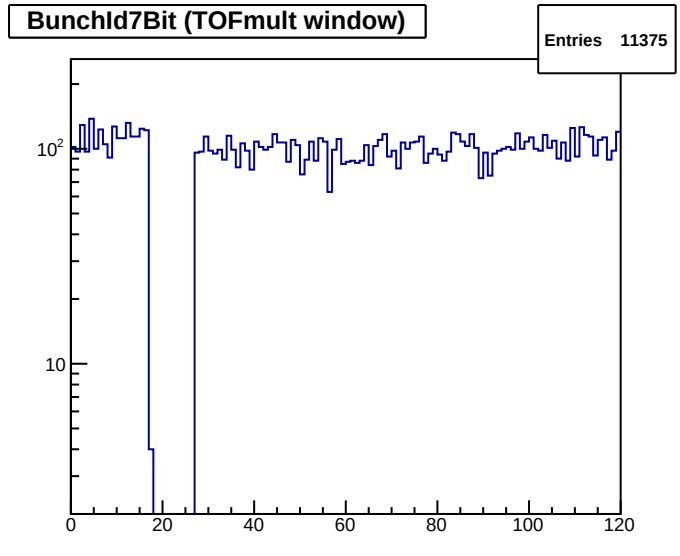

BunchId7Bit (VPD-TAC)
Entries 165424

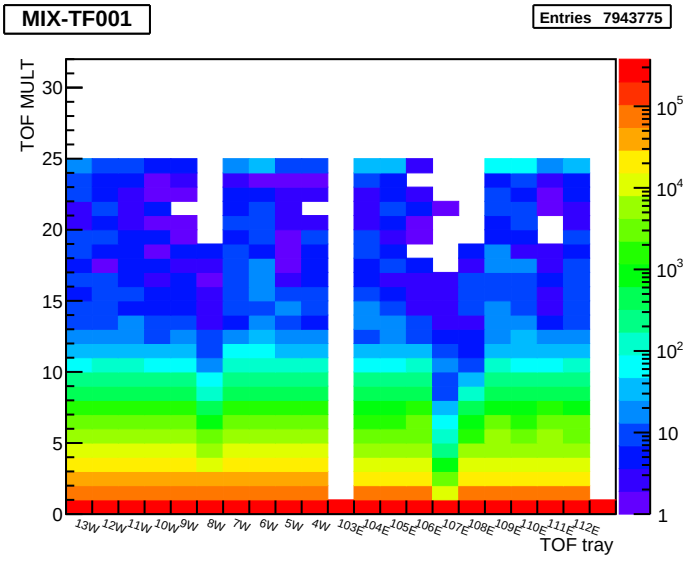

BunchId7Bit (ZDC-TAC)
Entries 517

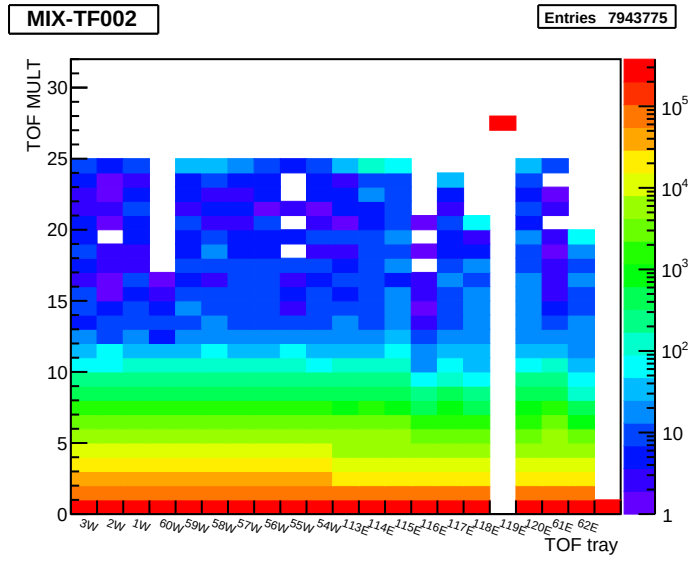

BunchId7Bit (EPD-TAC)
Entries 296945

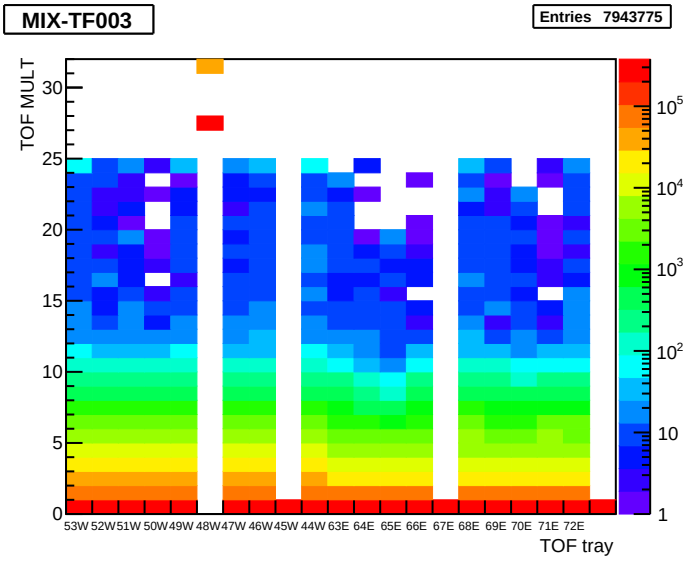

BunchId7Bit (BBC-TAC)
Entries 117561

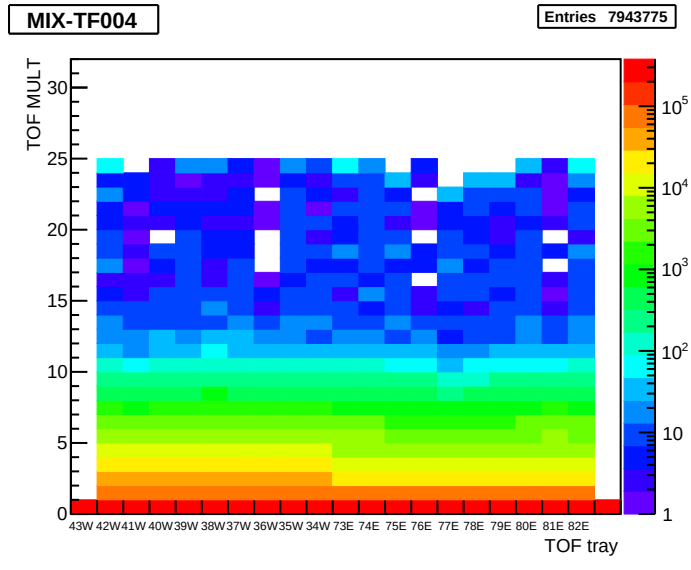

BunchId7Bit (Laser)
Entries 0

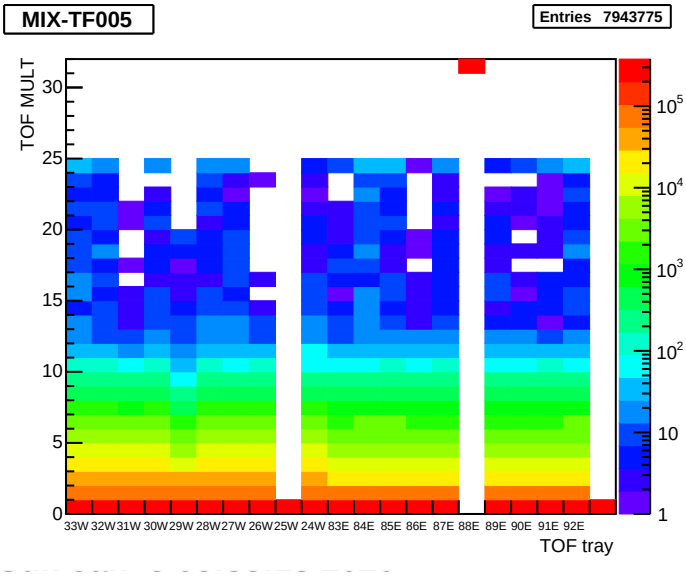

BunchId7Bit (TOFmult window)
Entries 11375

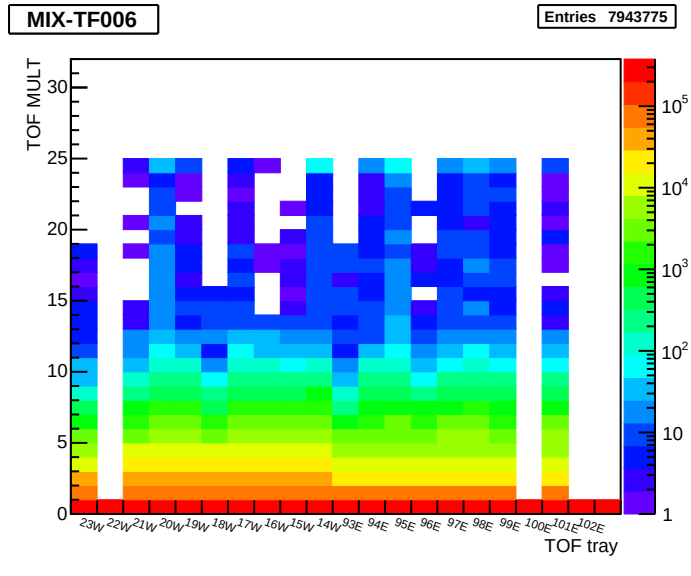

MIX-TF001
Entries 7943775
TOF MULT
TOF tray

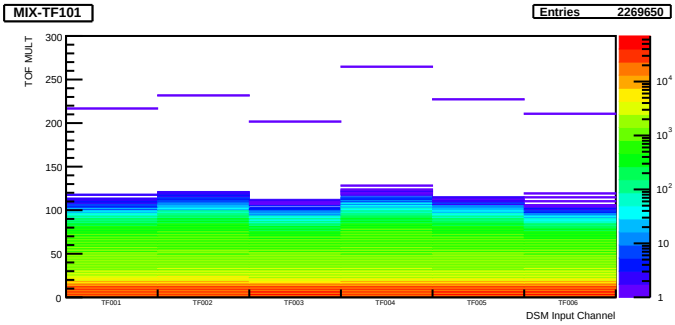

MIX-TF002
Entries 7943775
TOF MULT
TOF tray

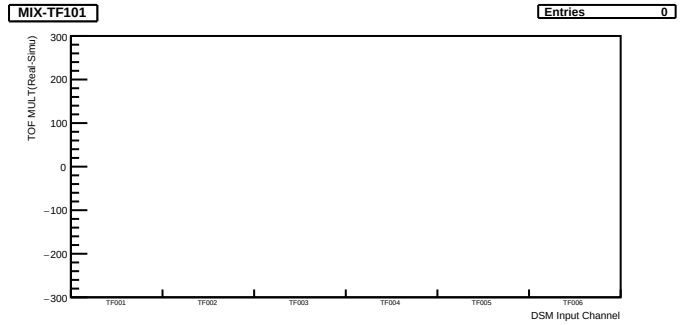

MIX-TF003
Entries 7943775
TOF MULT
TOF tray

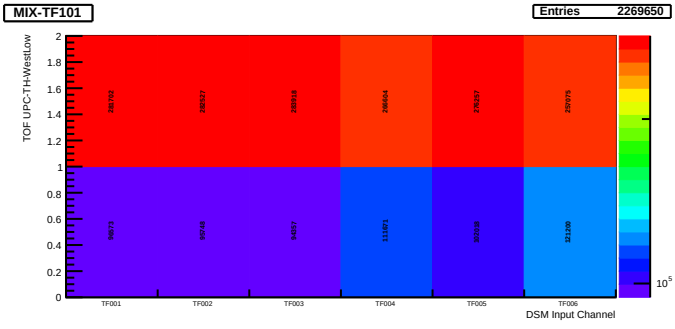

MIX-TF004
Entries 7943775
TOF MULT
TOF tray

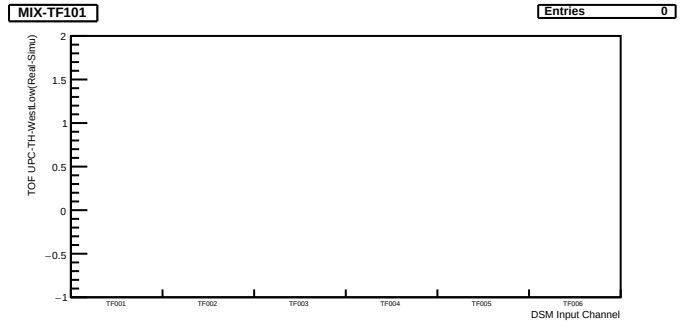

MIX-TF005
Entries 7943775
TOF MULT
TOF tray

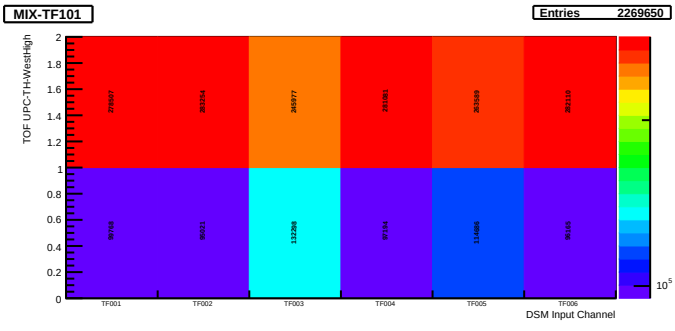

MIX-TF006
Entries 7943775
TOF MULT
TOF tray

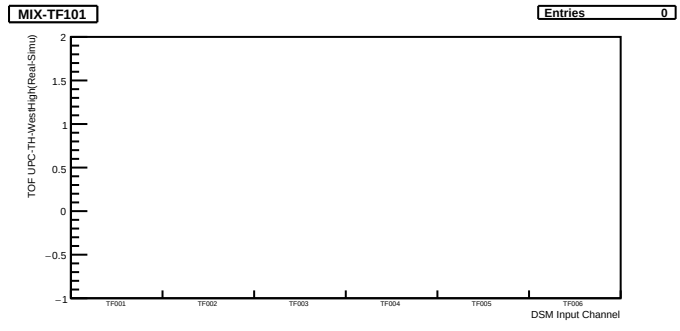

MIX-TF101
Entries 2269650
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

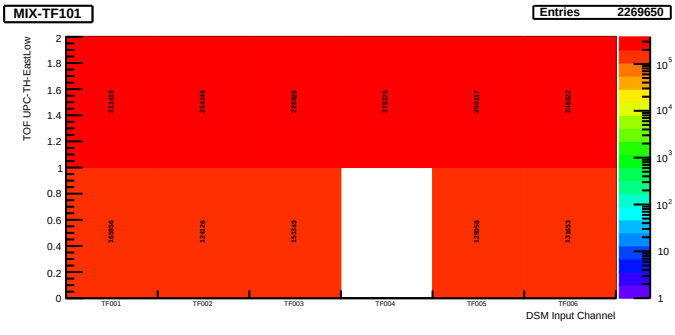

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

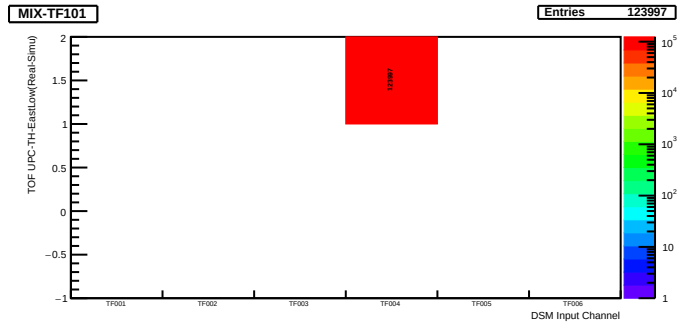

MIX-TF101
Entries 2269650
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

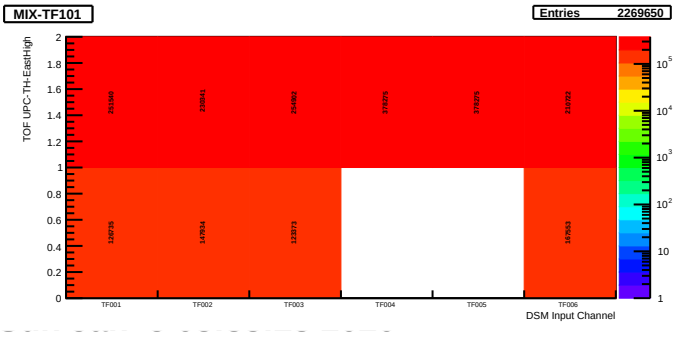

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

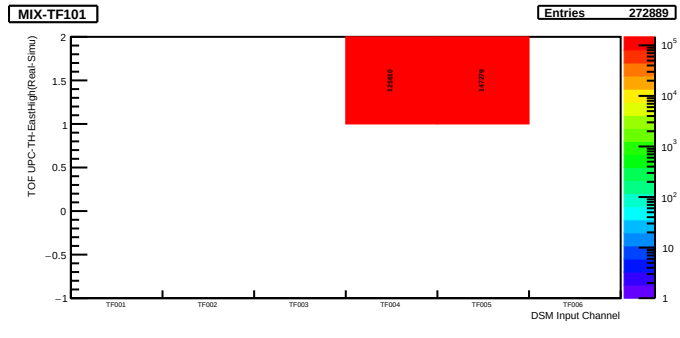

MIX-TF101
Entries 2269650
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

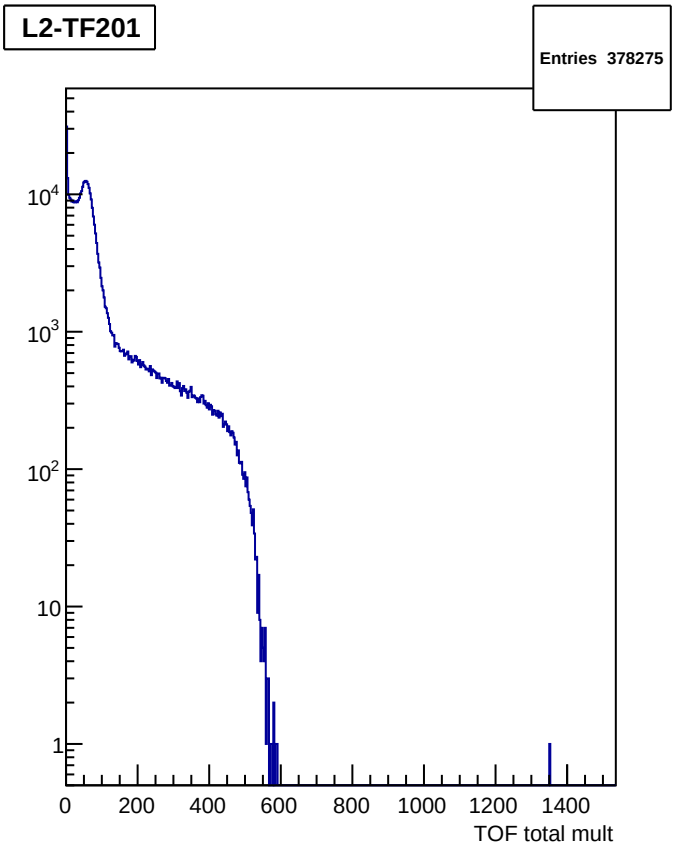

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

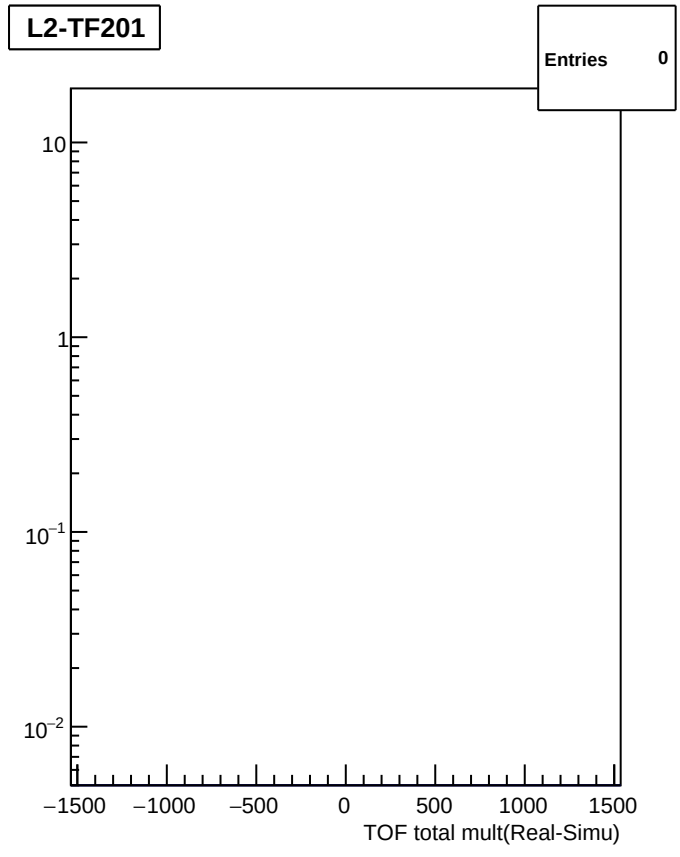

MIX-TF101
Entries 2269650
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

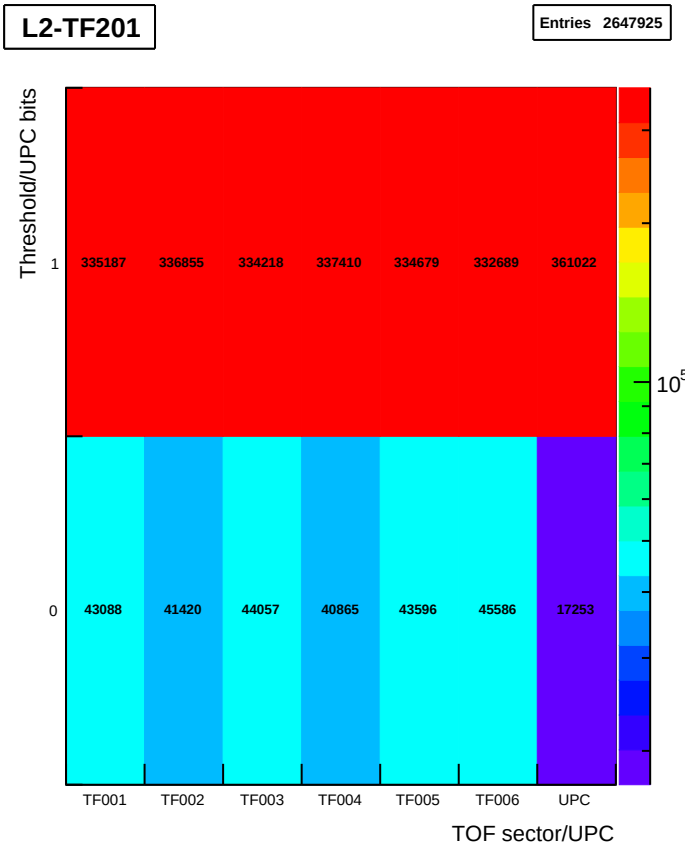

MIX-TF101
Entries 123997
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

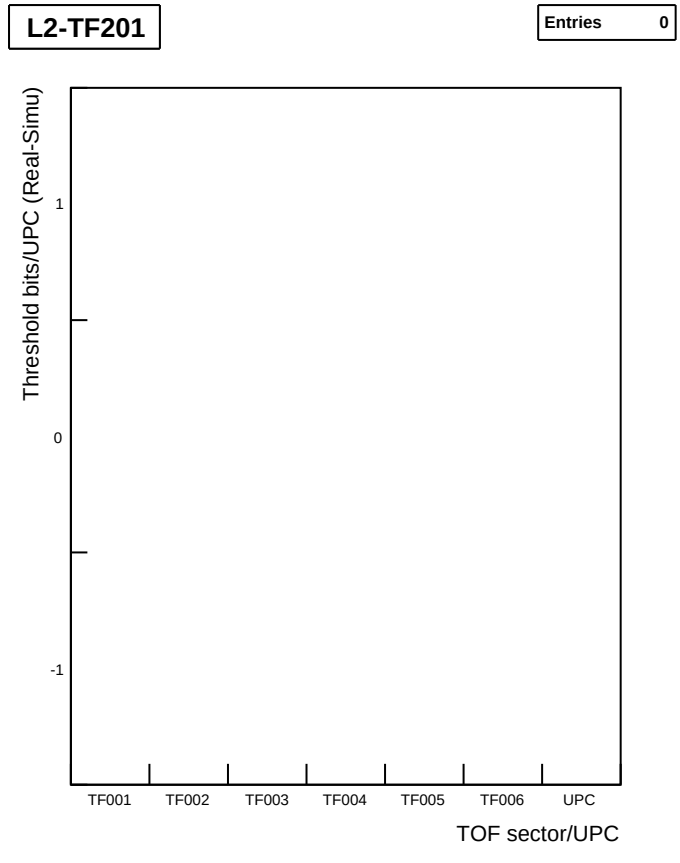

MIX-TF101
Entries 2269650
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

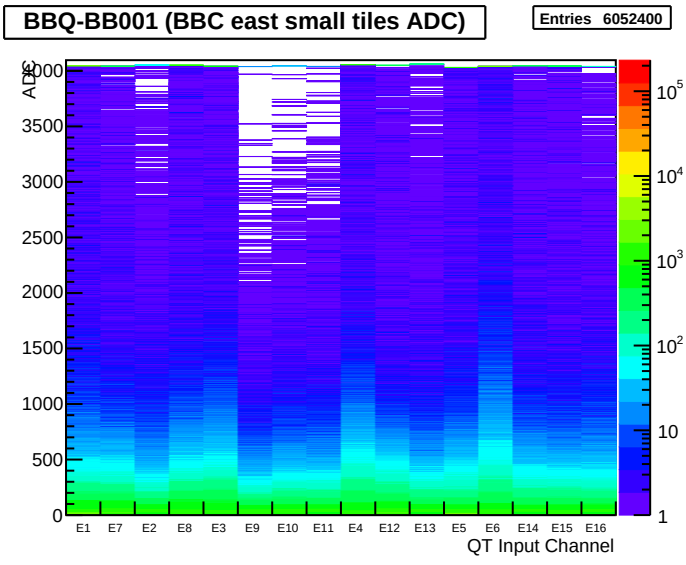

MIX-TF101
Entries 272889
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

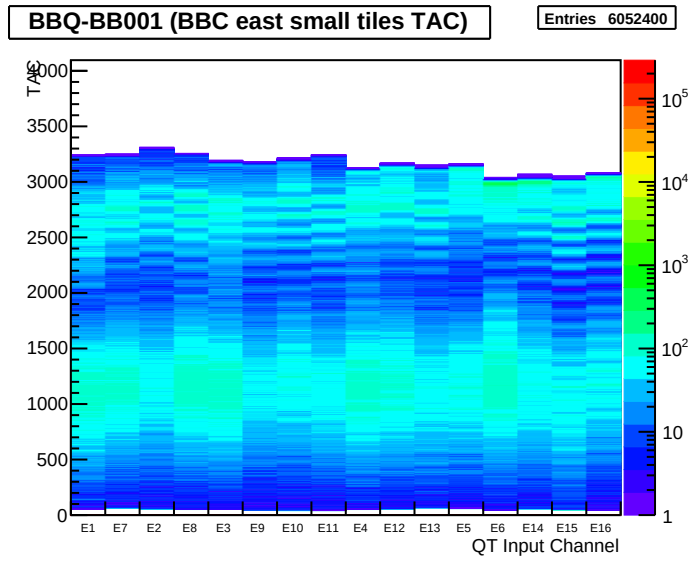

L2-TF201
Entries 378275
TOF total mult

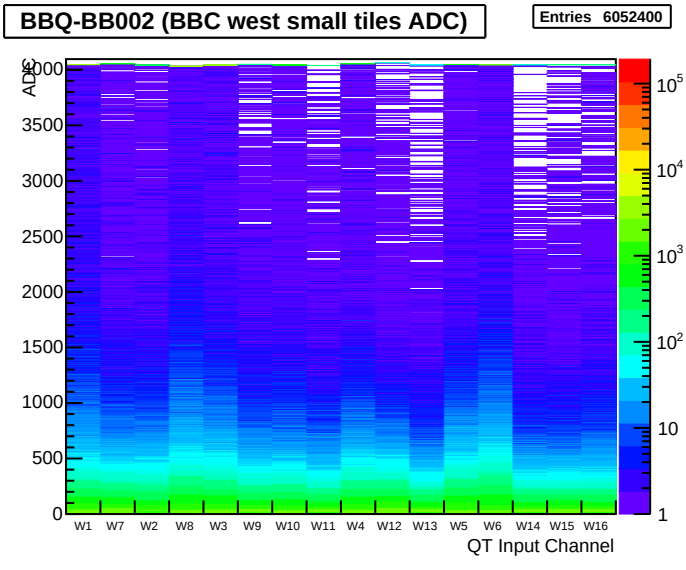

L2-TF201
Entries 0
TOF total mult(Real-Simu)

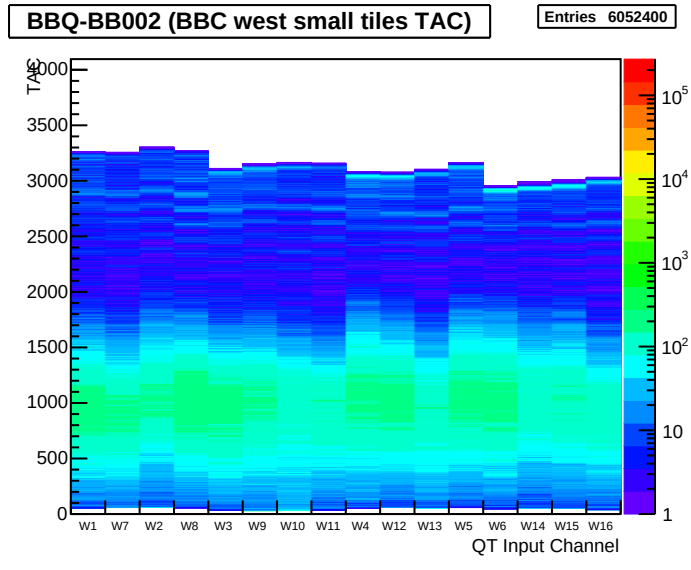

L2-TF201
Entries 2647925
Threshold/UPC bits
335187 336855 334218 337410 334679 332689 361022
43088 41420 44057 40865 43596 45586 17253
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

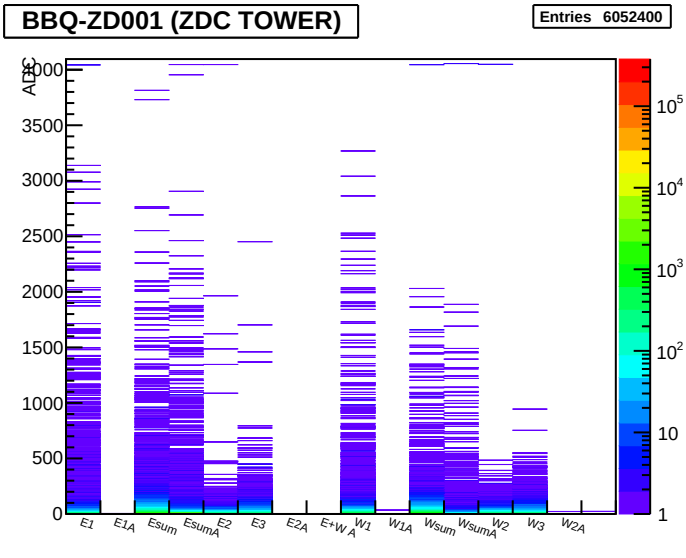

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

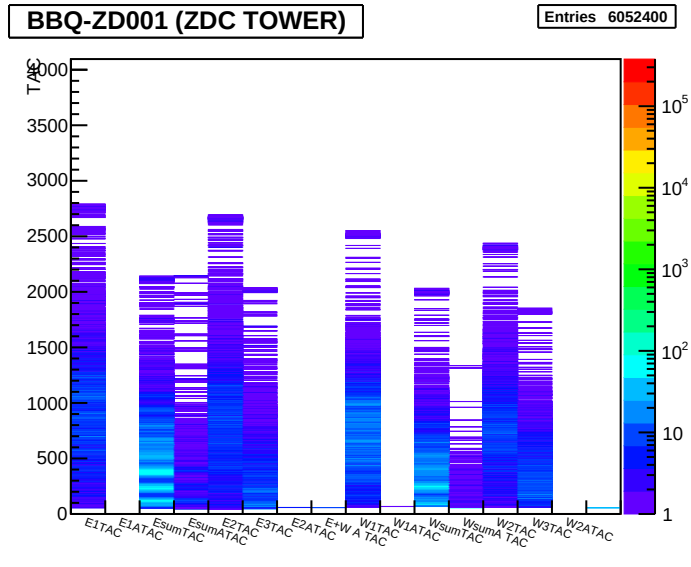

BBQ-BB001 (BBC east small tiles ADC)
Entries 6052400
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

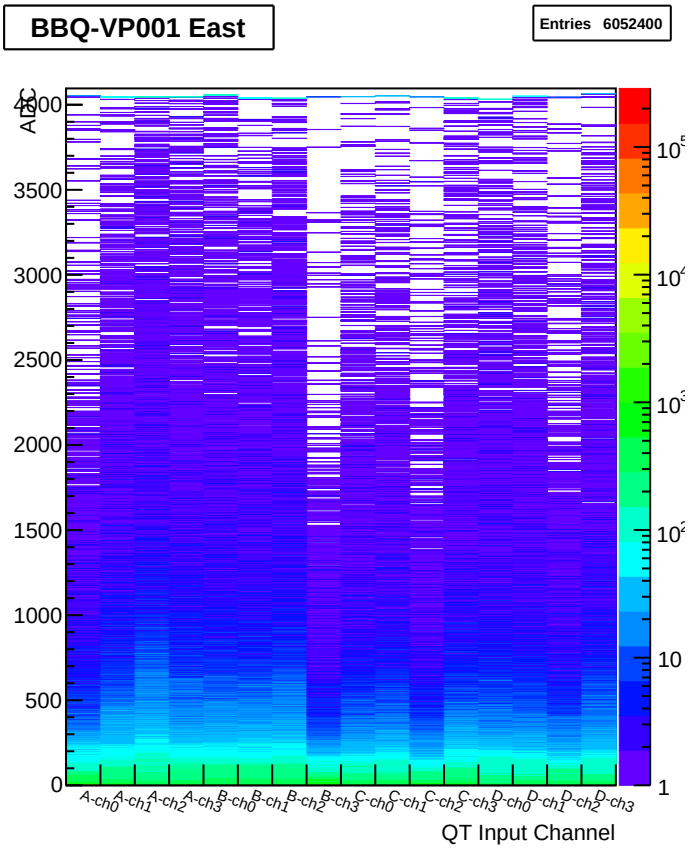

BBQ-BB001 (BBC east small tiles TAC)
Entries 6052400
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

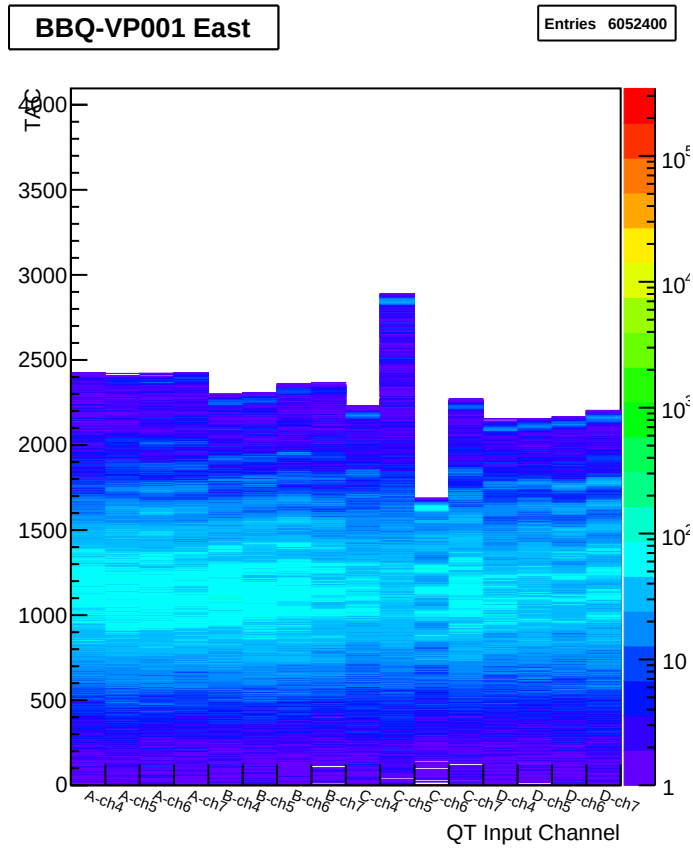

BBQ-BB002 (BBC west small tiles ADC)
Entries 6052400
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

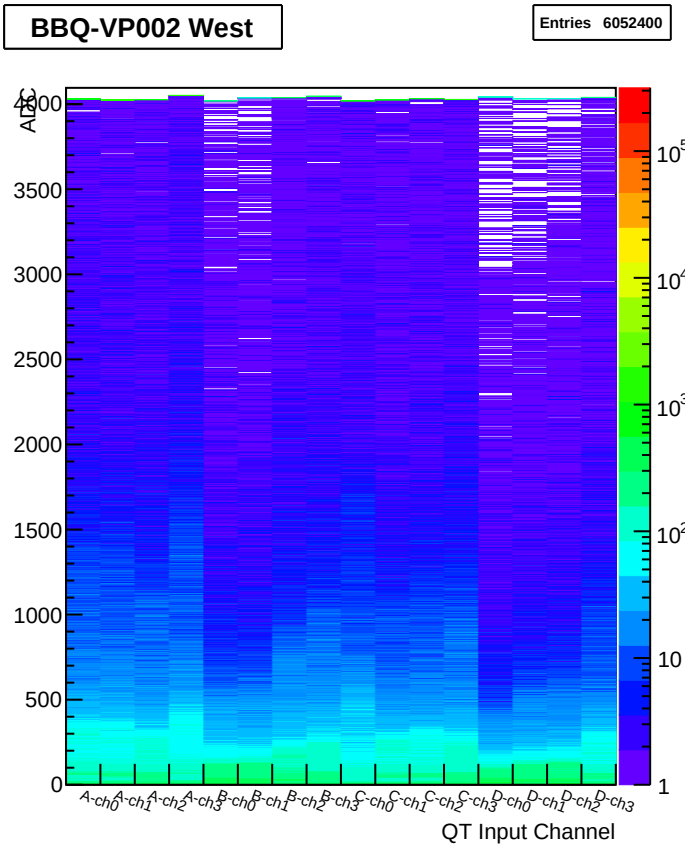

BBQ-BB002 (BBC west small tiles TAC)
Entries 6052400
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

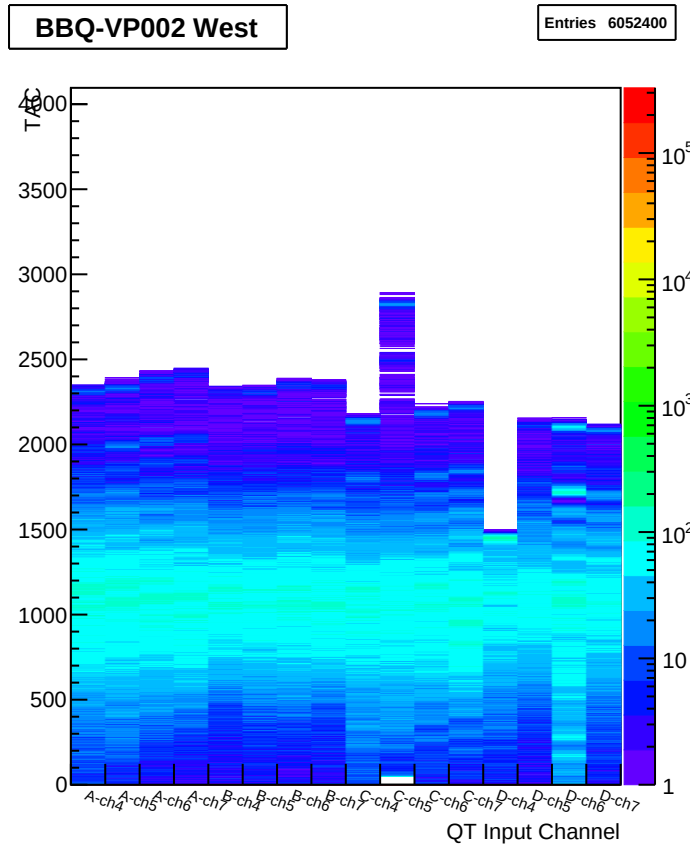

BBQ-ZD001 (ZDC TOWER)
Entries 6052400
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

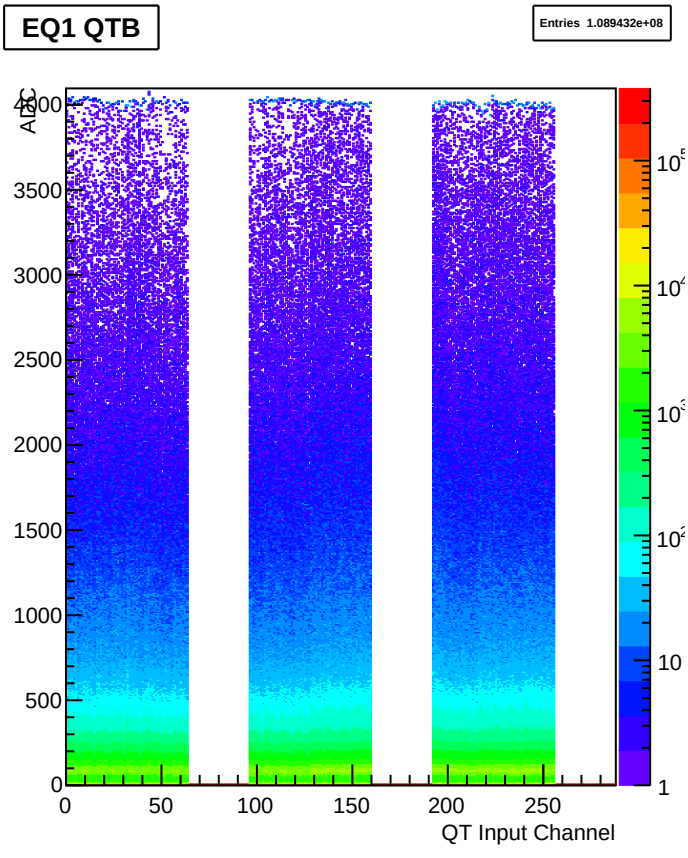

BBQ-ZD001 (ZDC TOWER)
Entries 6052400
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

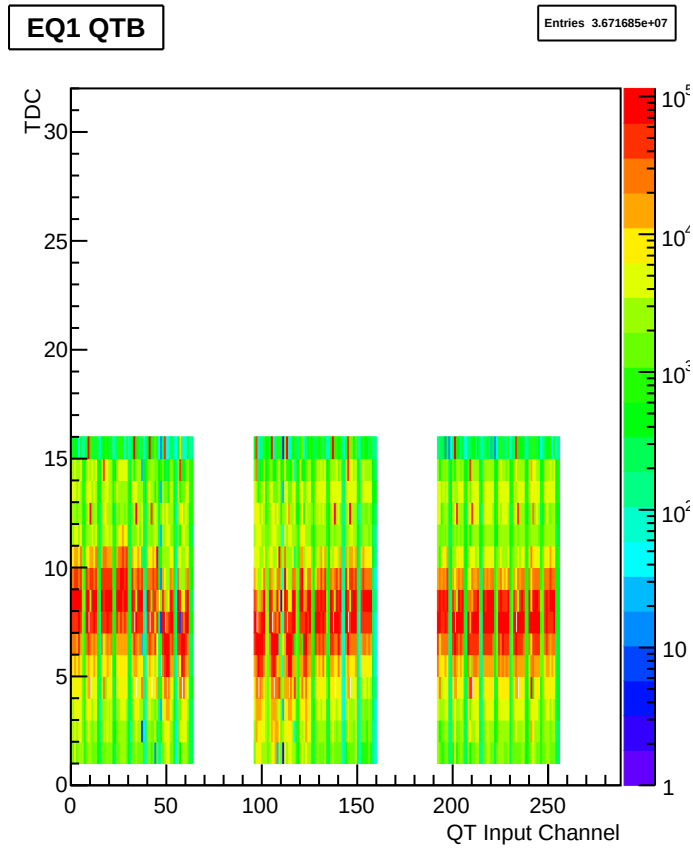

BBQ-VP001 East
Entries 6052400
ADC
QT Input Channel

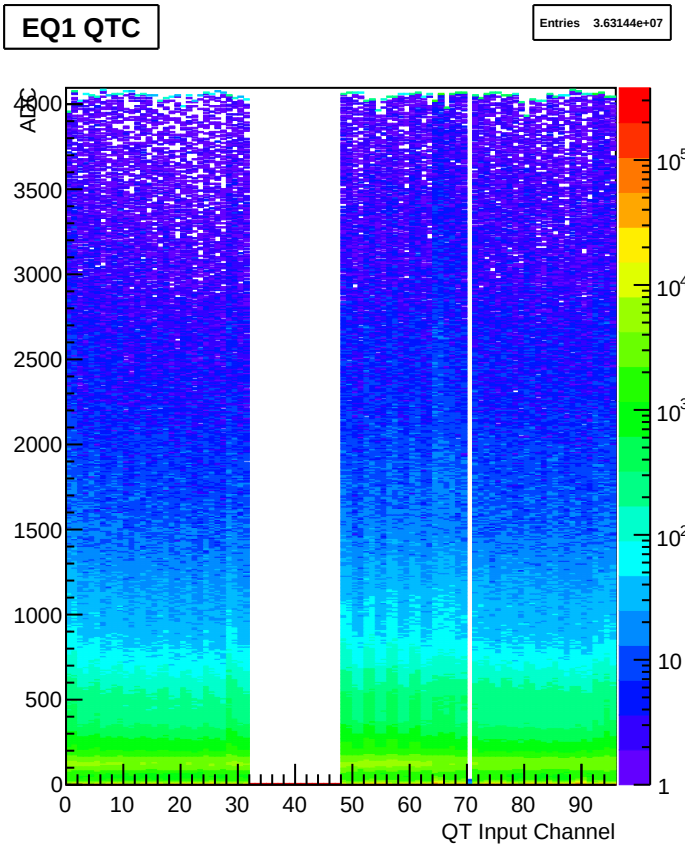

BBQ-VP001 East
Entries 6052400
ADC
QT Input Channel

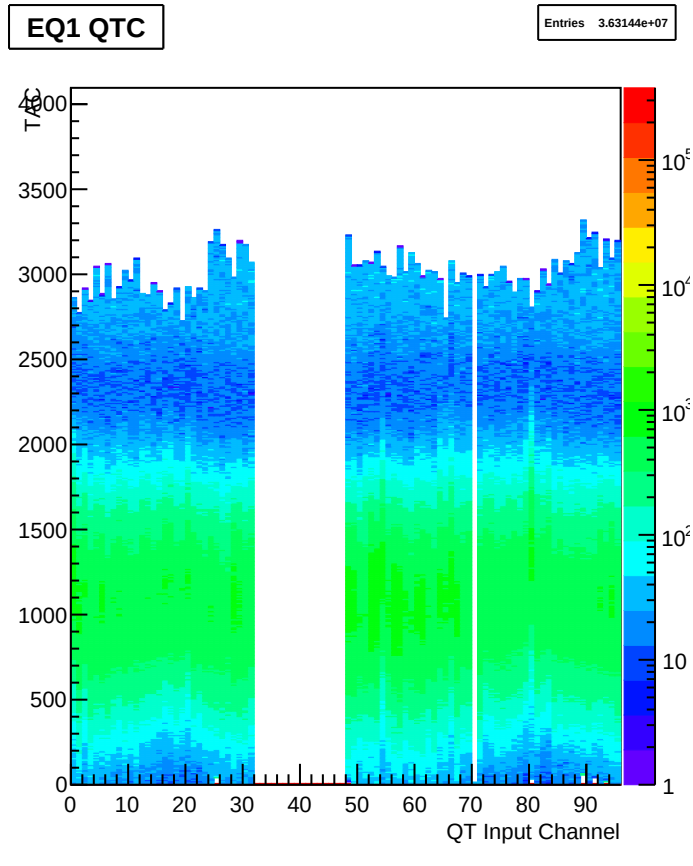

BBQ-VP002 West
Entries 6052400
ADC
QT Input Channel

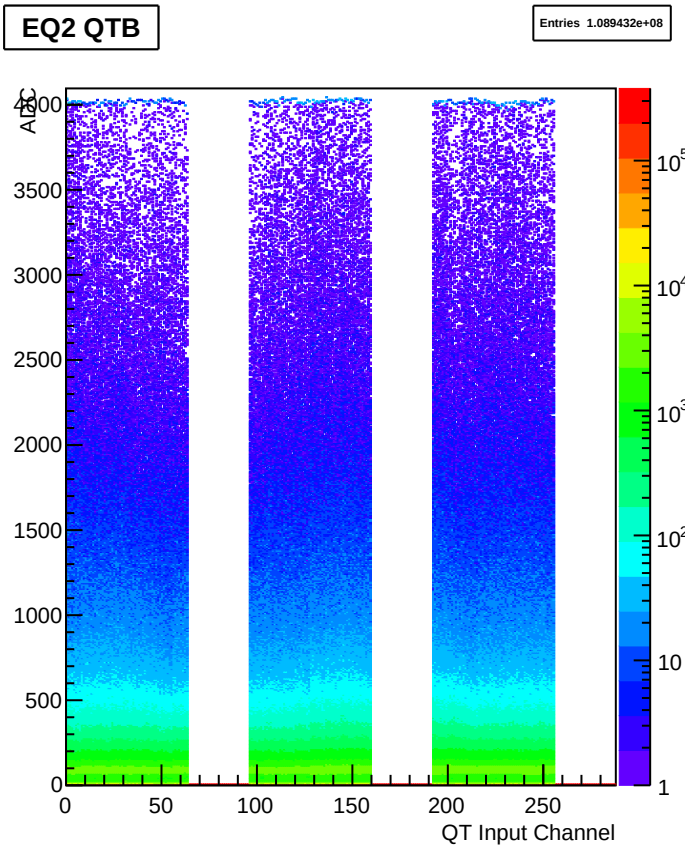

BBQ-VP002 West
Entries 6052400
ADC
QT Input Channel

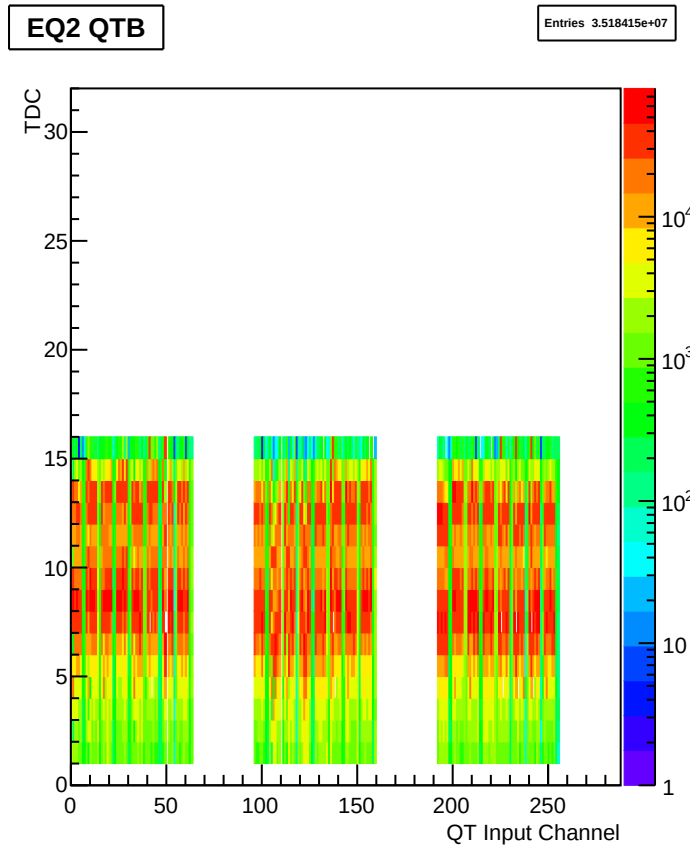

EQ1 QTB
Entries 1.089432e+08
ADC
QT Input Channel

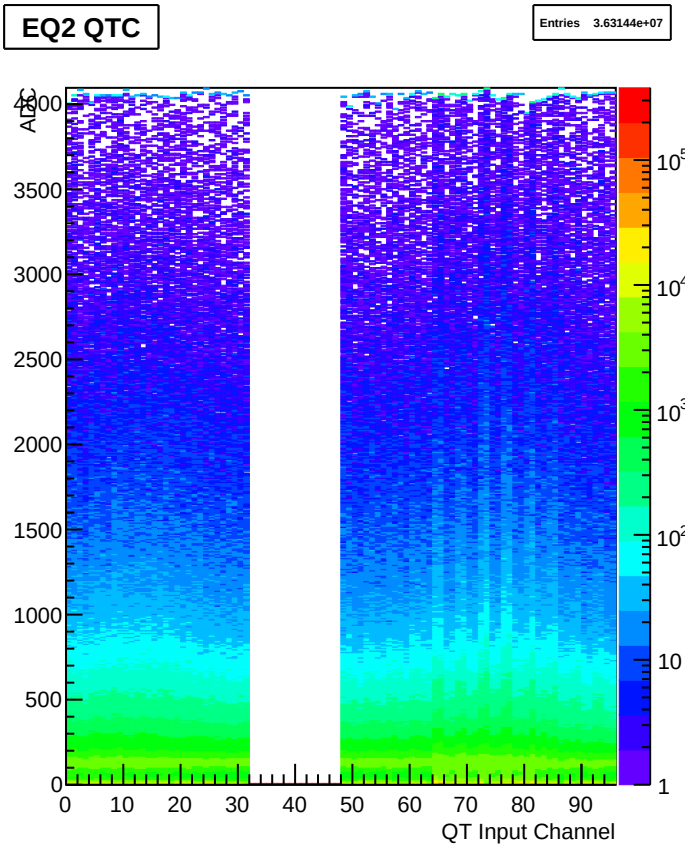

EQ1 QTB
Entries 3.671685e+07
TDC
QT Input Channel

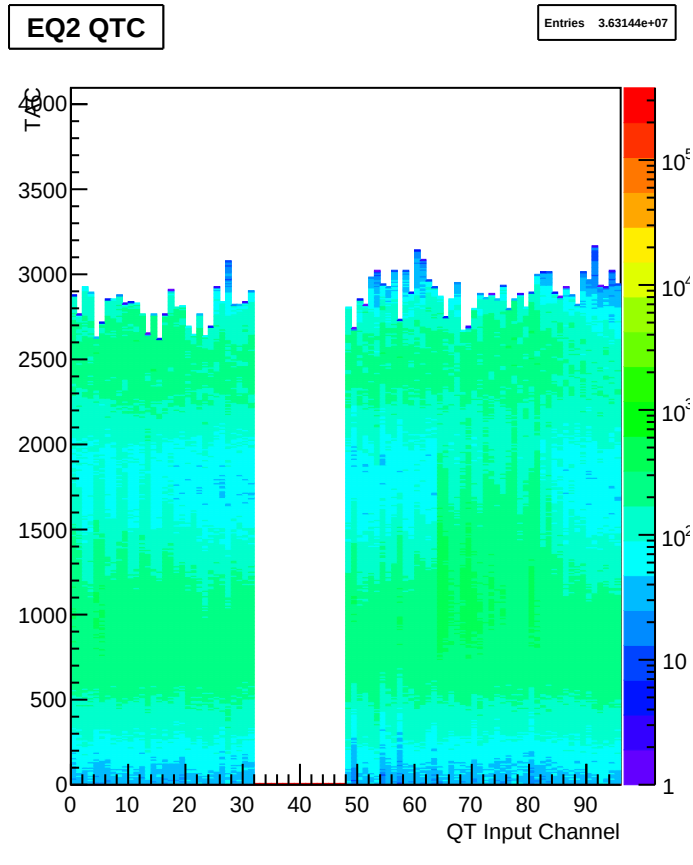

EQ1 QTC
Entries 3.63144e+07
ADC
QT Input Channel

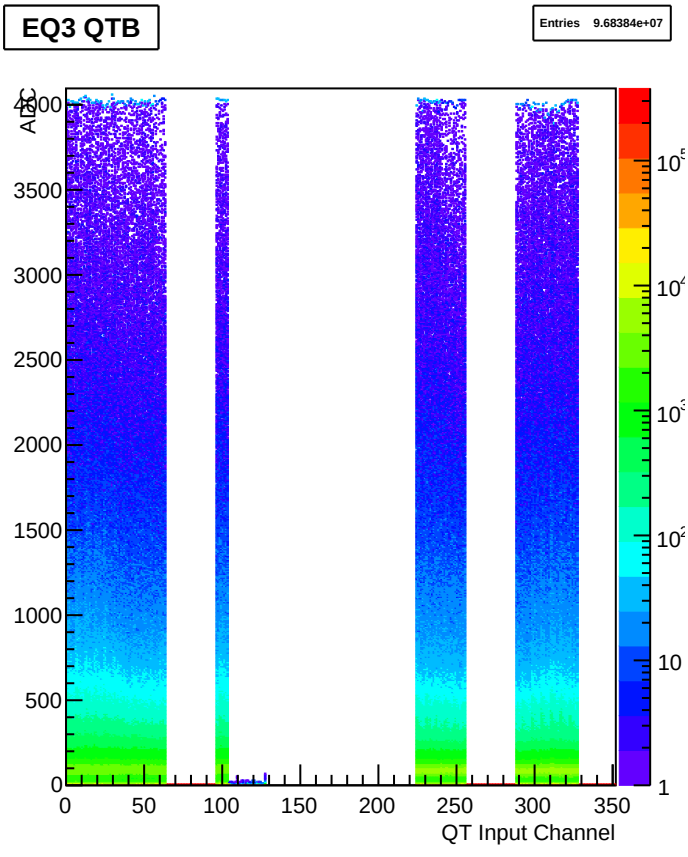

EQ1 QTC
Entries 3.63144e+07
TADC
QT Input Channel

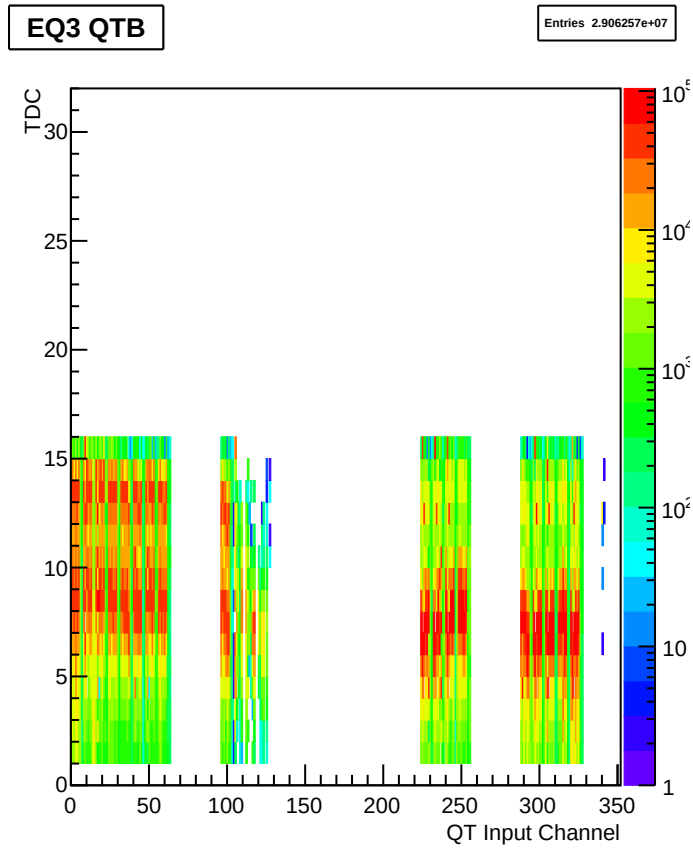

EQ2 QTB
Entries 1.089432e+08
ADC
QT Input Channel

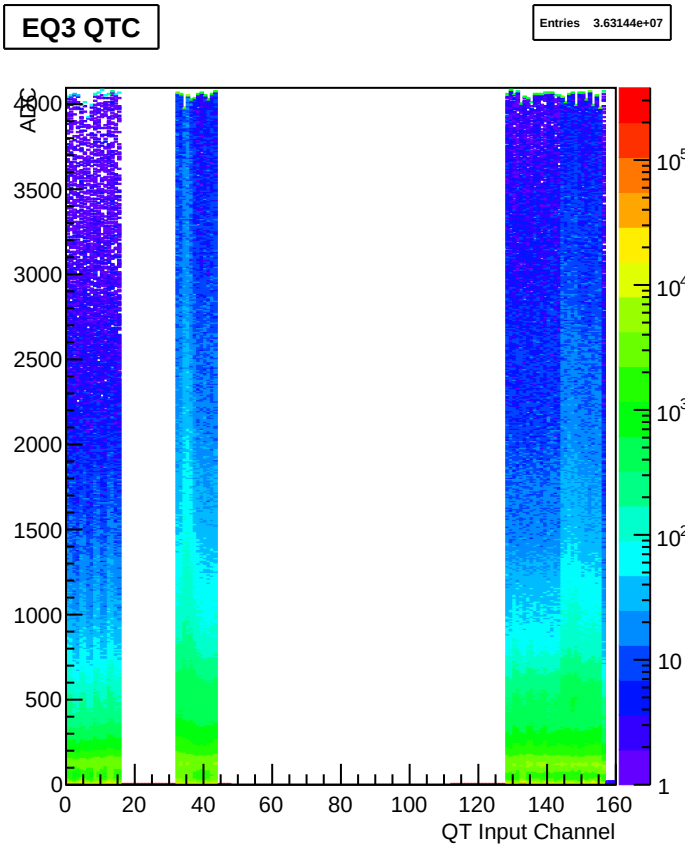

EQ2 QTB
Entries 3.518415e+07
TDC
QT Input Channel

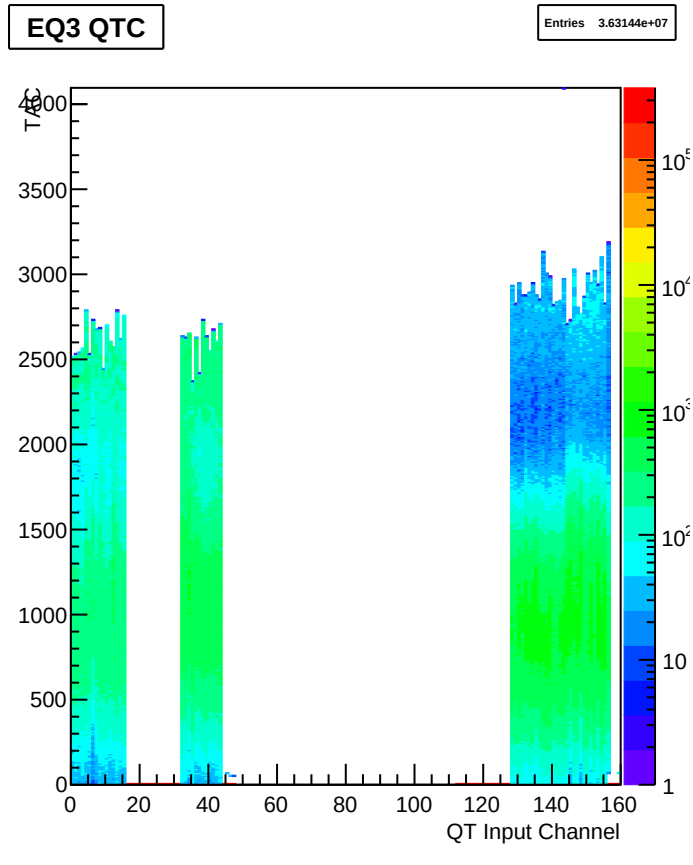

EQ2 QTC
Entries 3.63144e+07
ADC
QT Input Channel

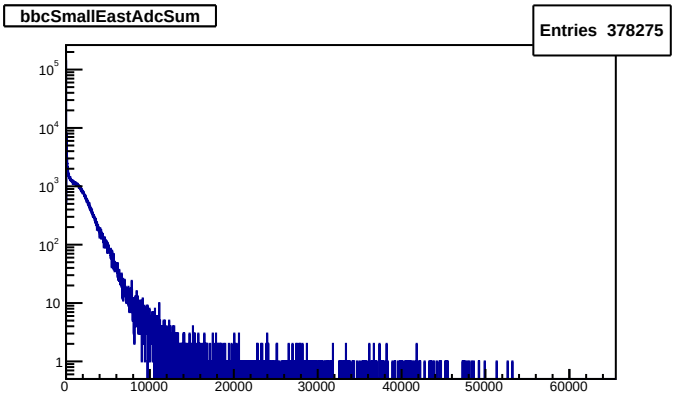

EQ2 QTC
Entries 3.63144e+07
TADC
QT Input Channel

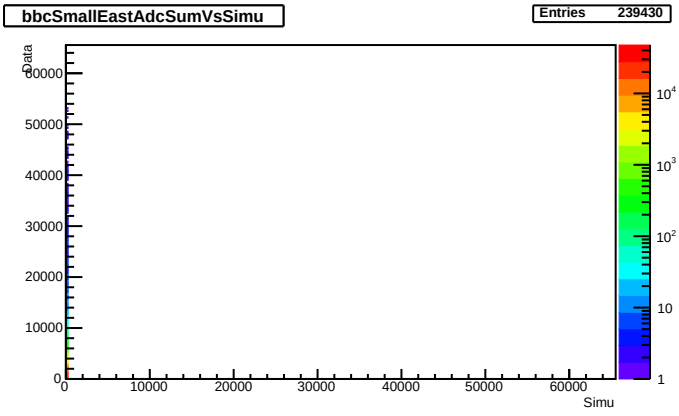

EQ3 QTB
Entries 9.68384e+07
ADC
QT Input Channel

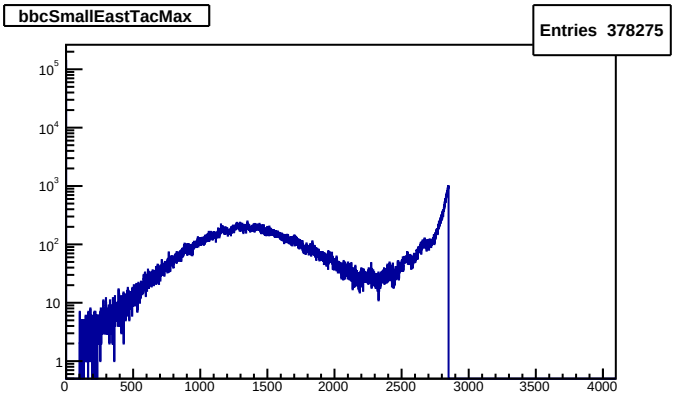

EQ3 QTB
Entries 2.906257e+07
TDC
QT Input Channel

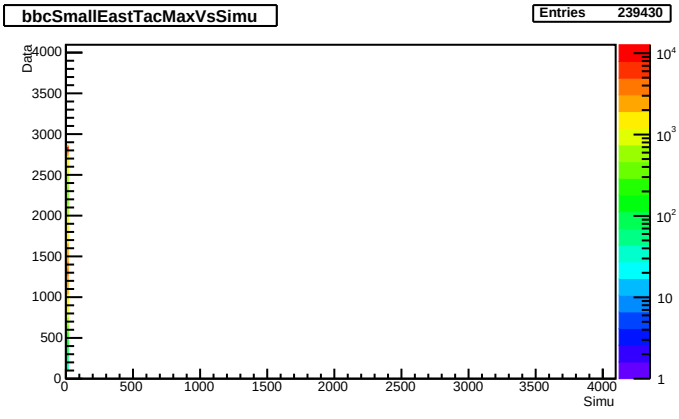

EQ3 QTC
Entries 3.63144e+07
ADC
QT Input Channel

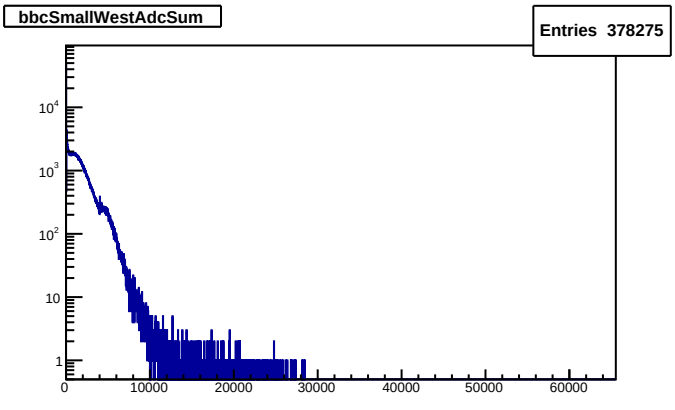

EQ3 QTC
Entries 3.63144e+07
TADC
QT Input Channel

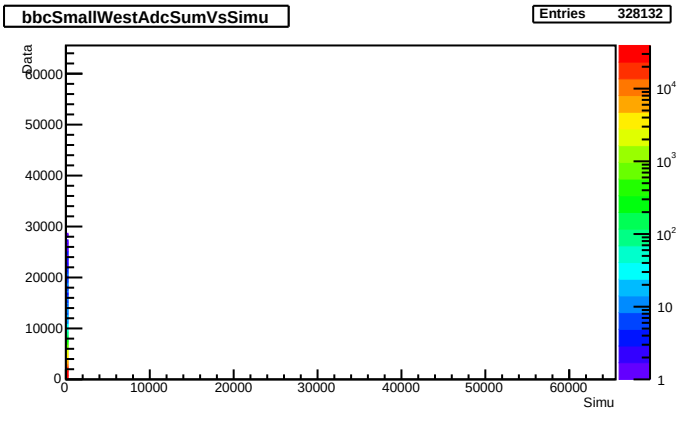

bbcSmallEastAdcSum
Entries 378275

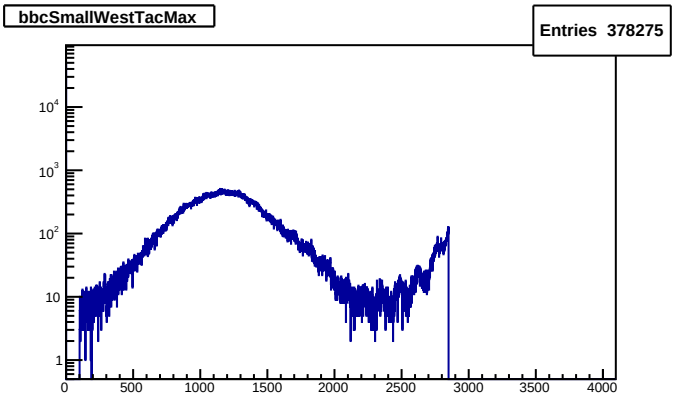

bbcSmallEastAdcSumVsSimu
Entries 239430
Data
Simu

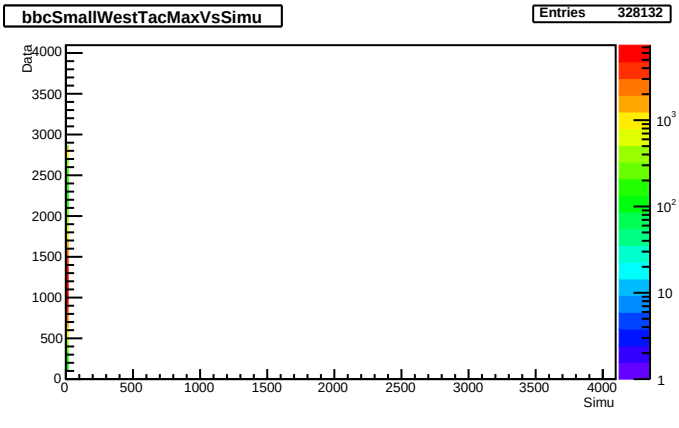

bbcSmallEastTacMax
Entries 378275

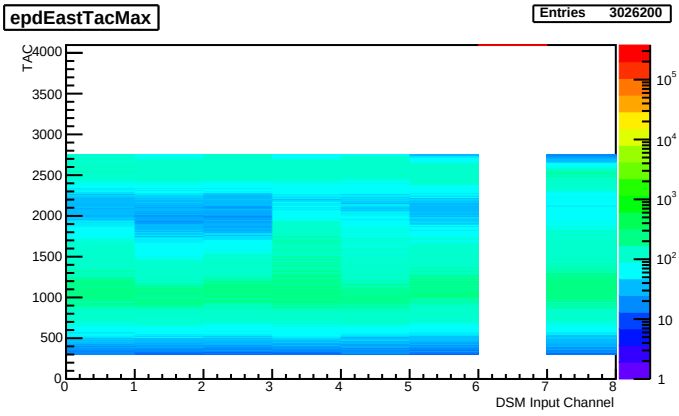

bbcSmallEastTacMaxVsSimu
Entries 239430
Data
Simu

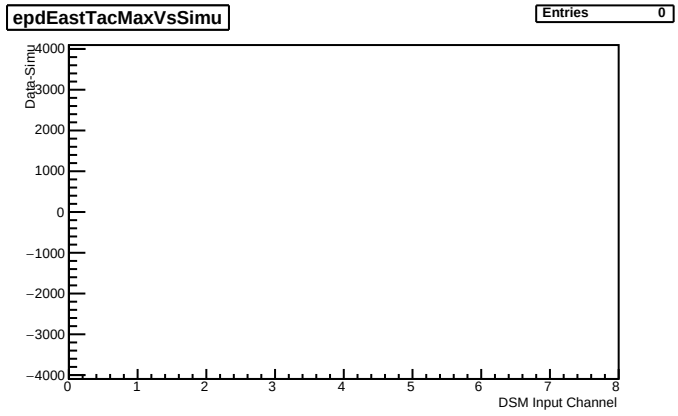

bbcSmallWestAdcSum
Entries 378275

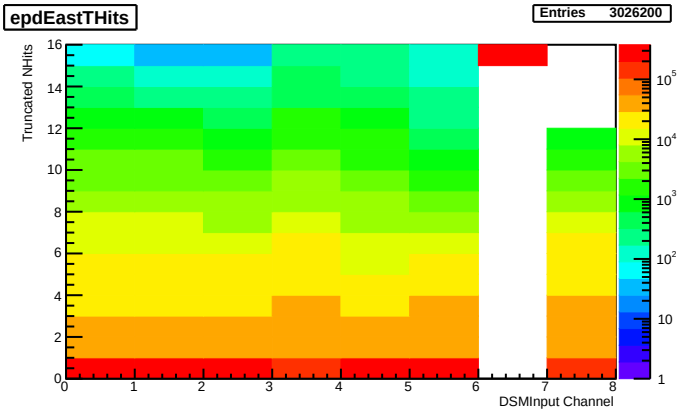

bbcSmallWestAdcSumVsSimu
Entries 328132
Data
Simu

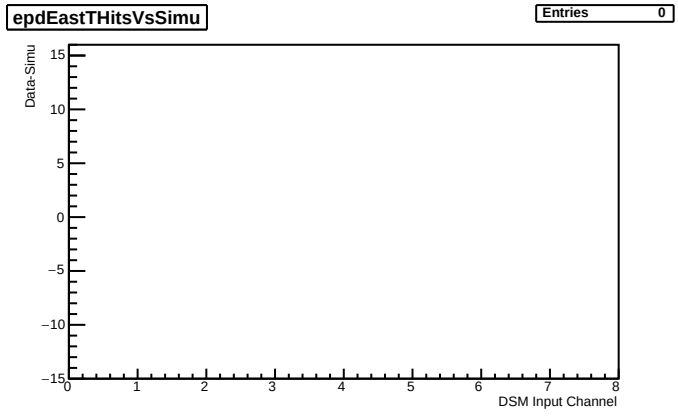

bbcSmallWestTacMax
Entries 378275

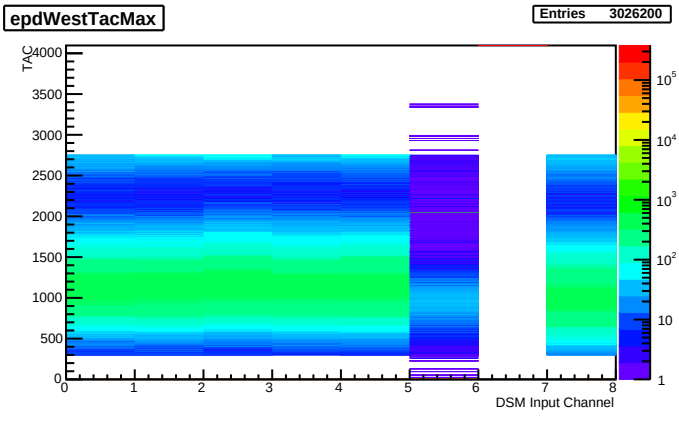

bbcSmallWestTacMaxVsSimu
Entries 328132
Data
Simu

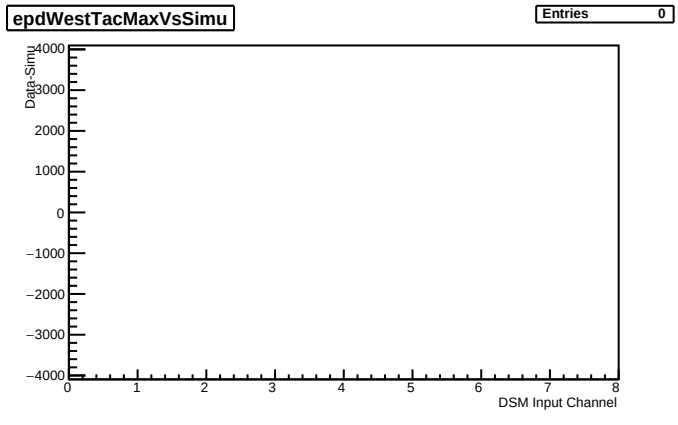

epdEastTacMax
Entries 3026200
TAC
DSM Input Channel

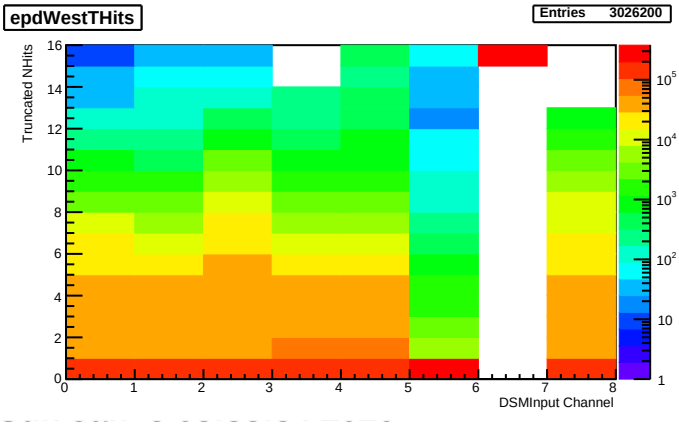

epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

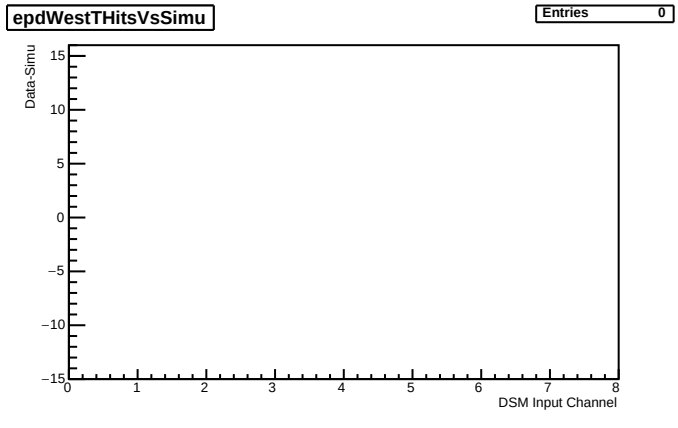

epdEastTHits
Entries 3026200
Truncated NHits
DSMInput Channel

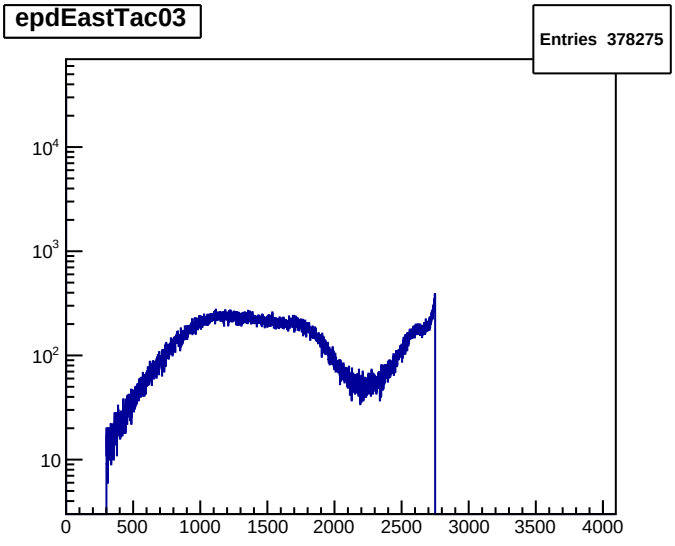

epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

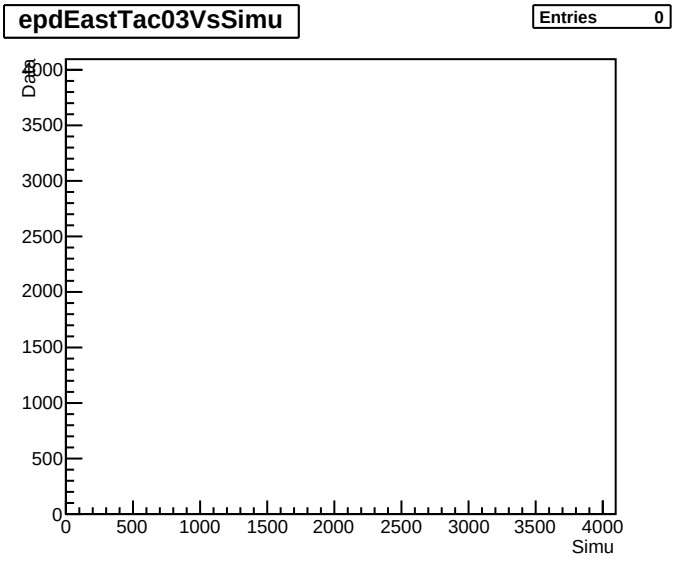

epdWestTacMax
Entries 3026200
TAC
DSM Input Channel

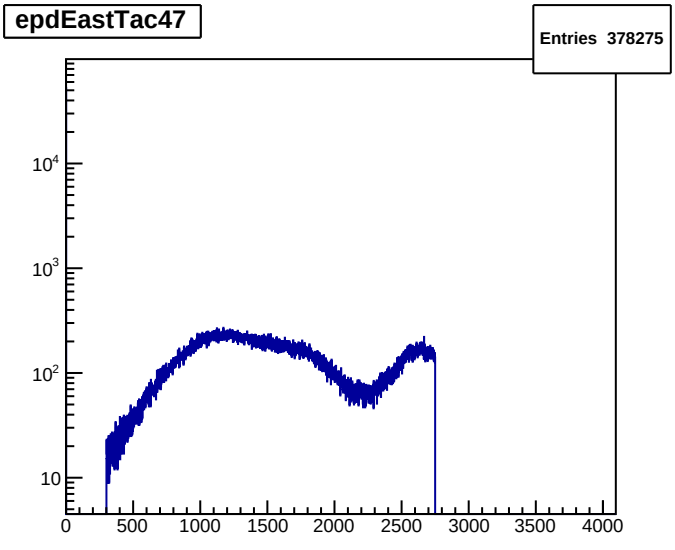

epdWestTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel

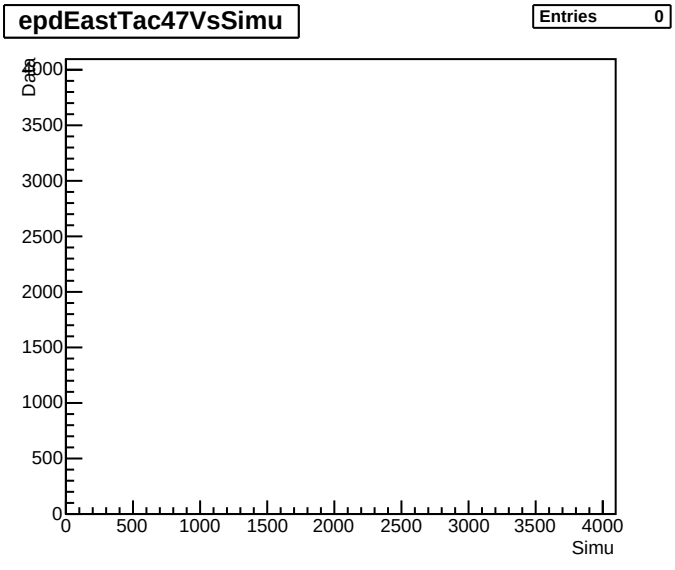

epdWestTHits
Entries 3026200
Truncated NHits
DSMInput Channel

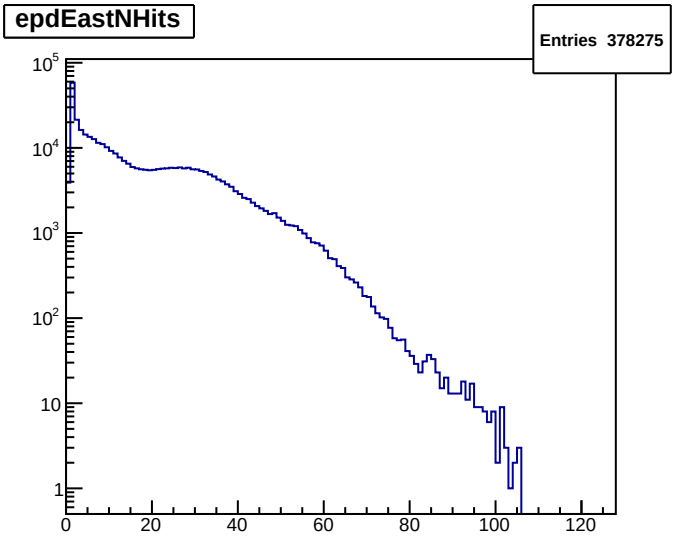

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

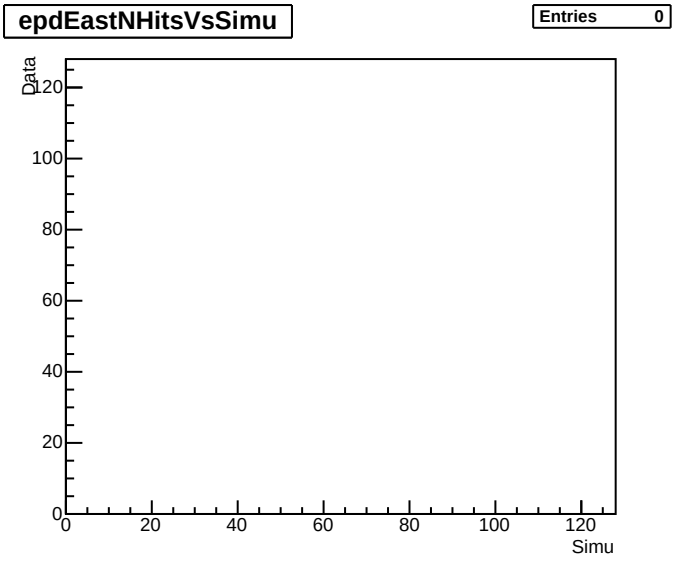

epdEastTac03
Entries 378275


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 378275


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 378275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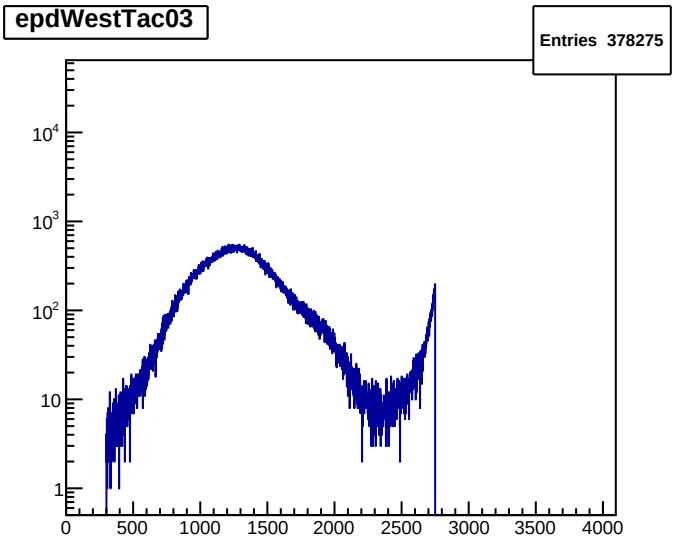
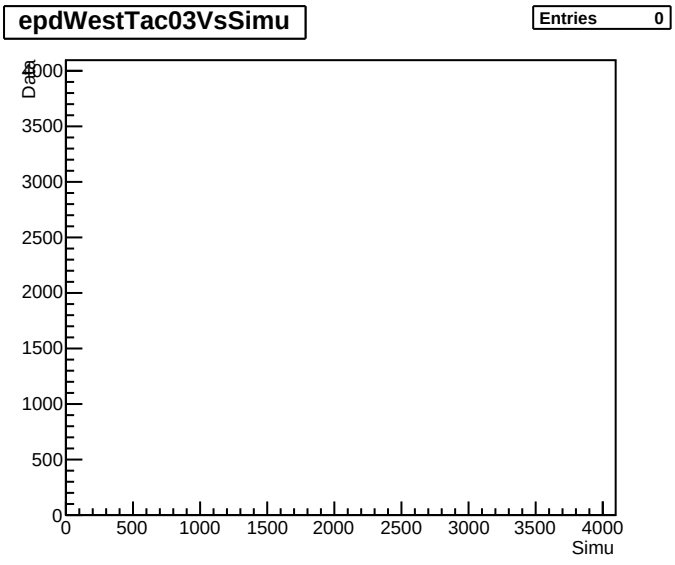
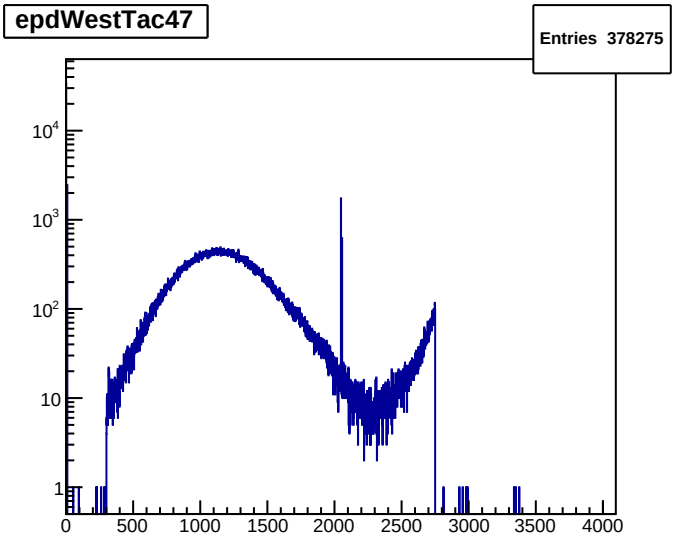
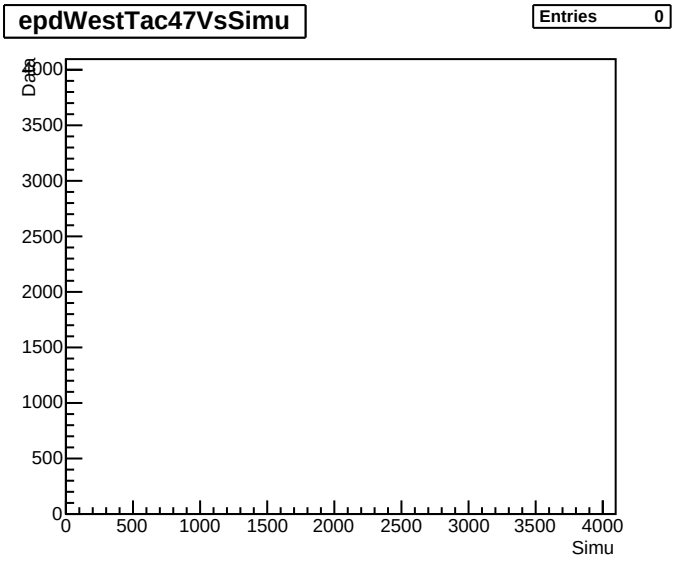
Entries 0
Data
Simu


epdWestTac03
Entries 378275


epdWestTac03VsSimu
Entries 0
Data
Simu


epdWestTac47
Entries 378275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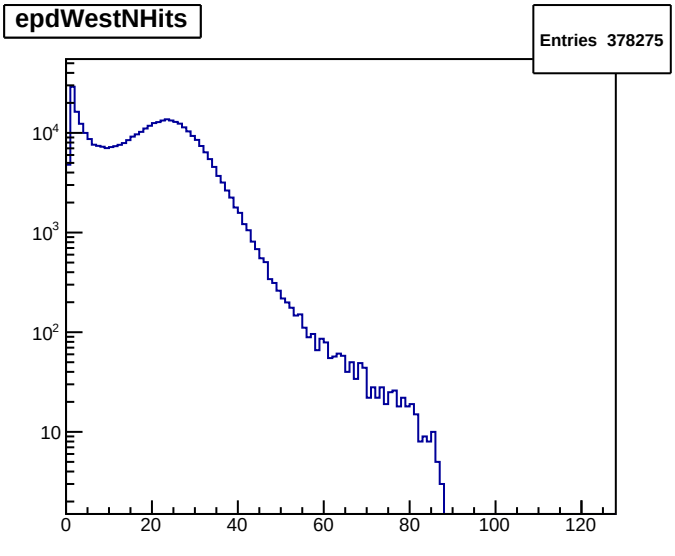
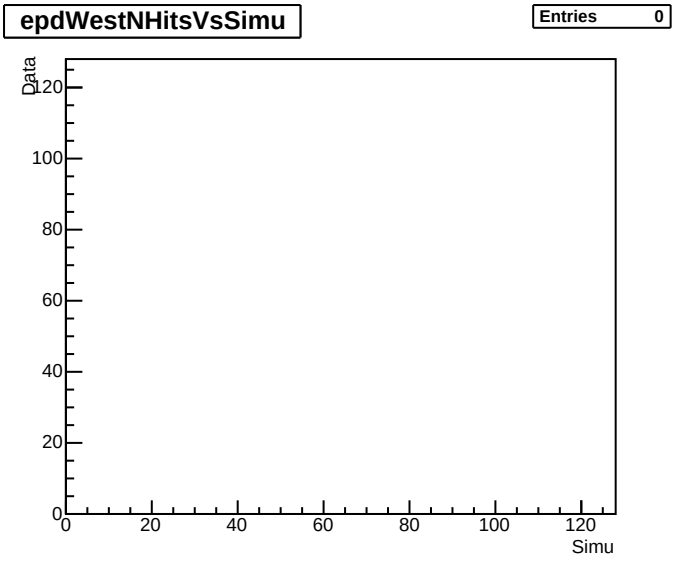
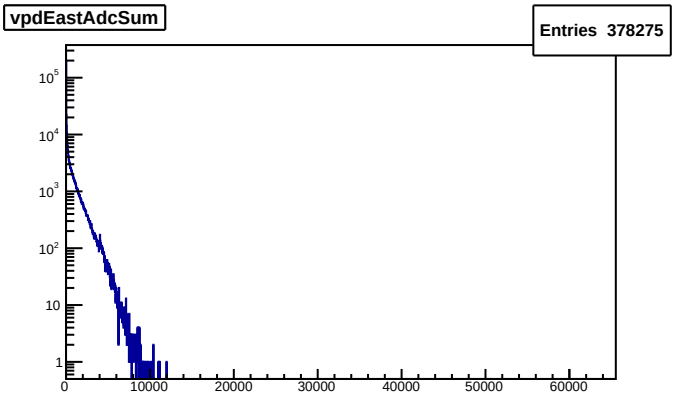
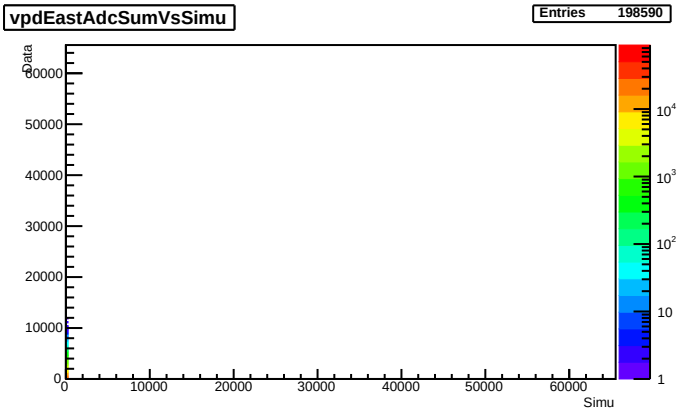
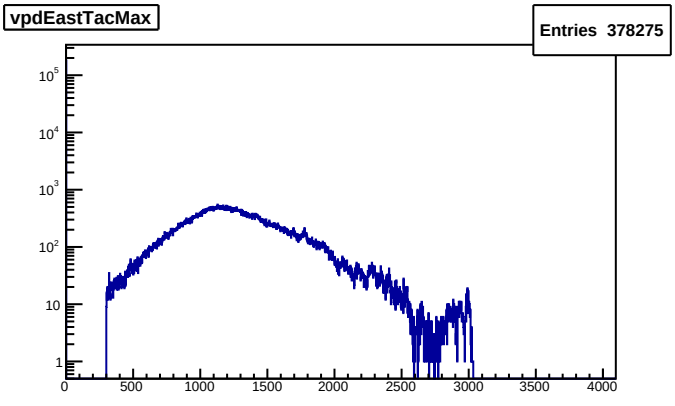
Entries 0
Data
Simu

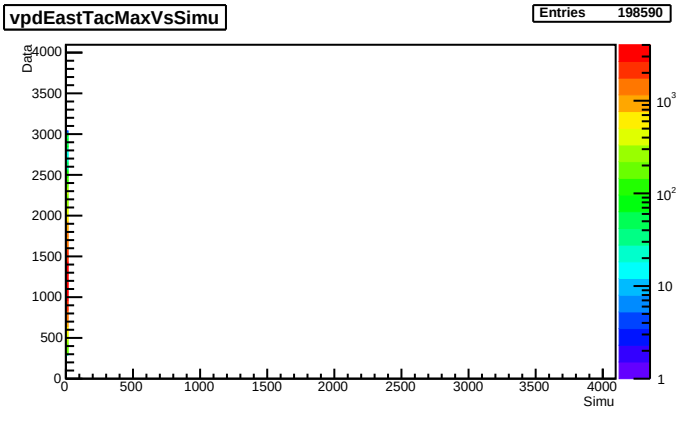

epdWestNHits
Entries 378275


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 378275


vpdEastAdcSumVsSimu
Entries 198590
Data
Simu


vpdEastTacMax
Entries 378275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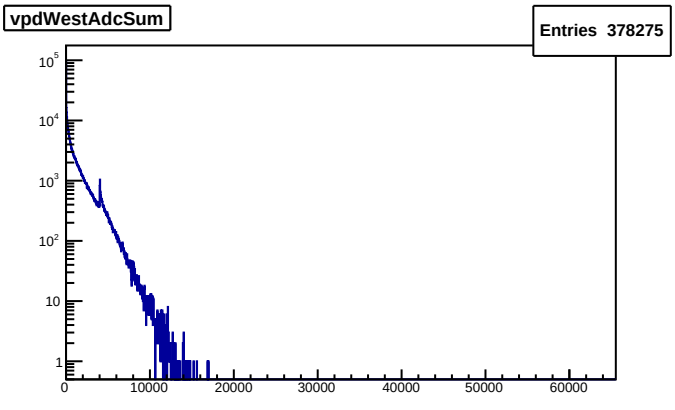
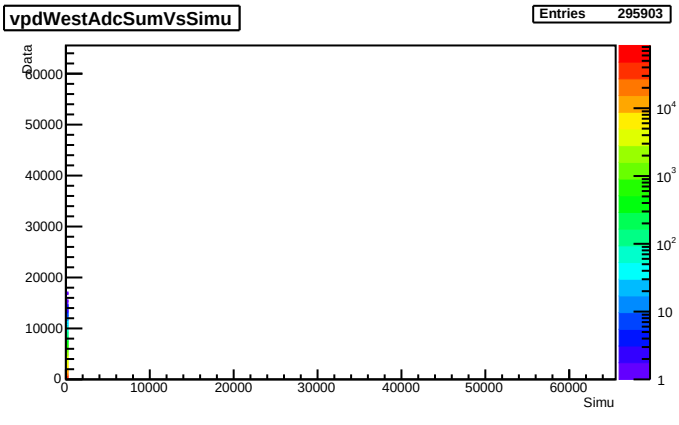
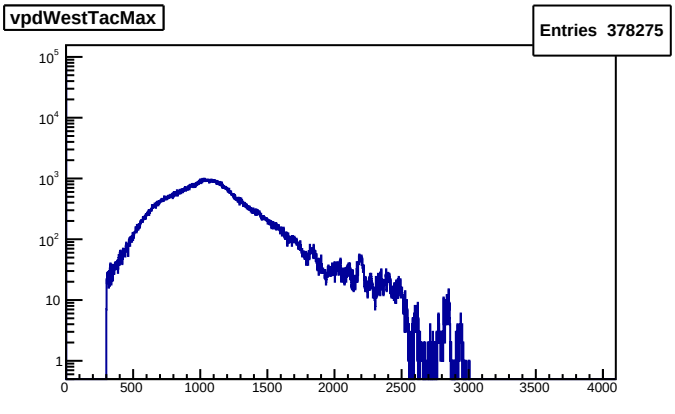
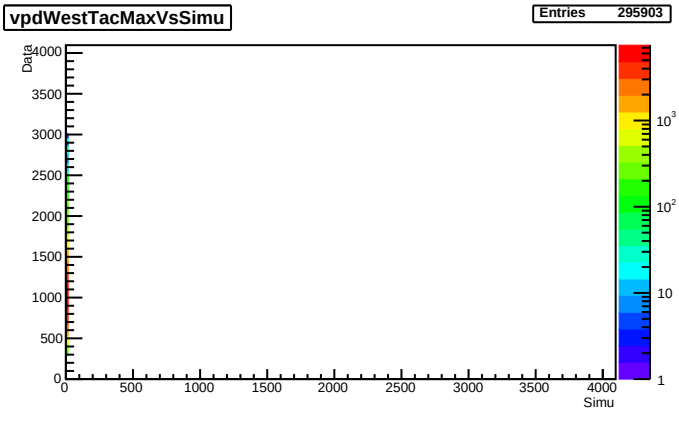
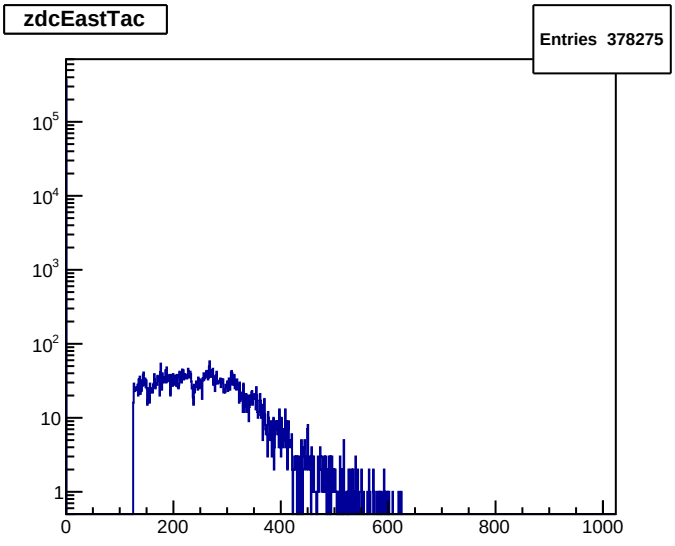
Entries 198590
Data
Simu

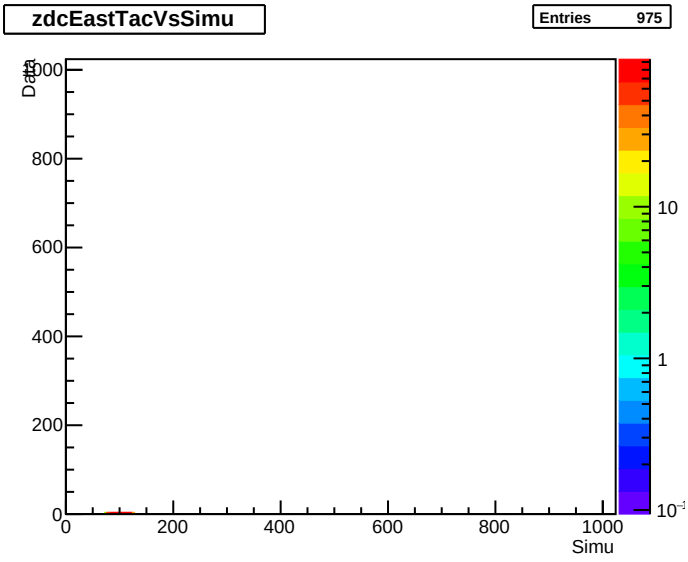

vpdWestAdcSum
Entries 378275

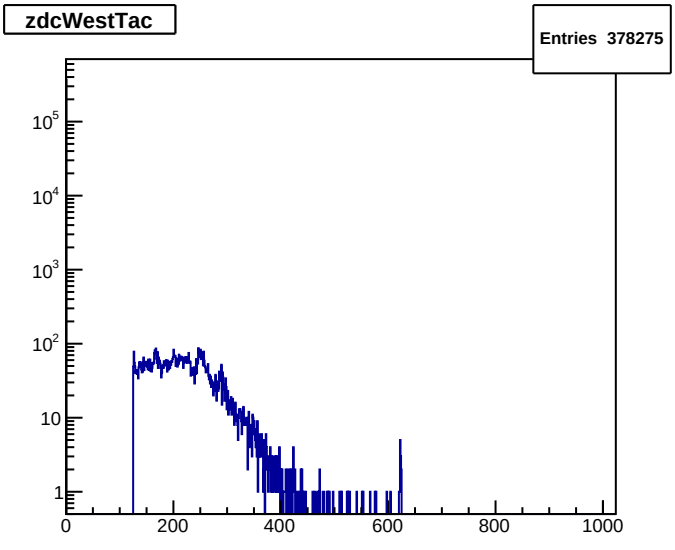

vpdWestAdcSumVsSimu
Entries 295903
Data
Simu

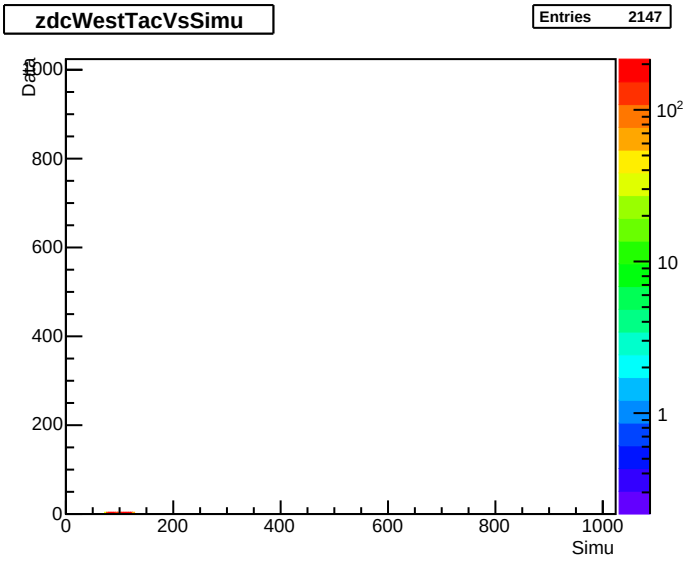

vpdWestTacMax
Entries 378275

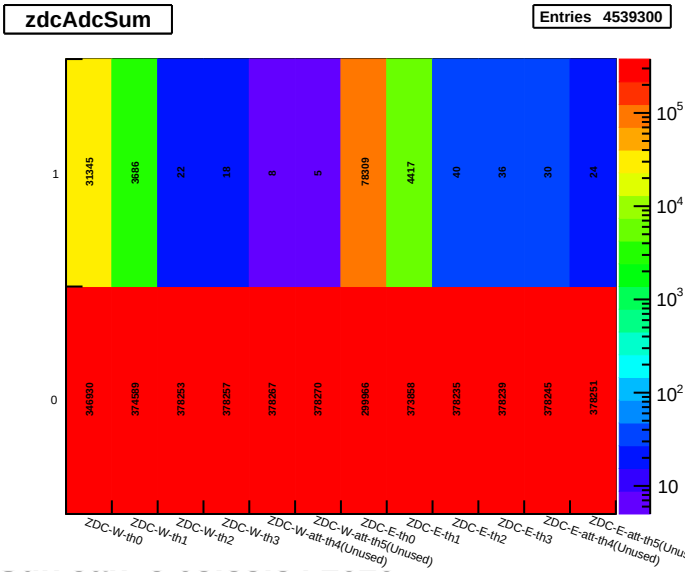

vpdWestTacMaxVsSimu
Entries 295903
Data
Simu

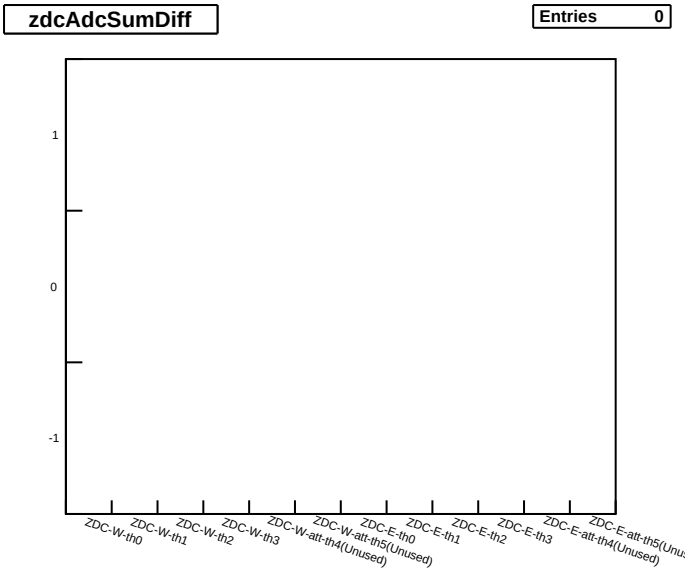

zdcEastTac
Entries 378275

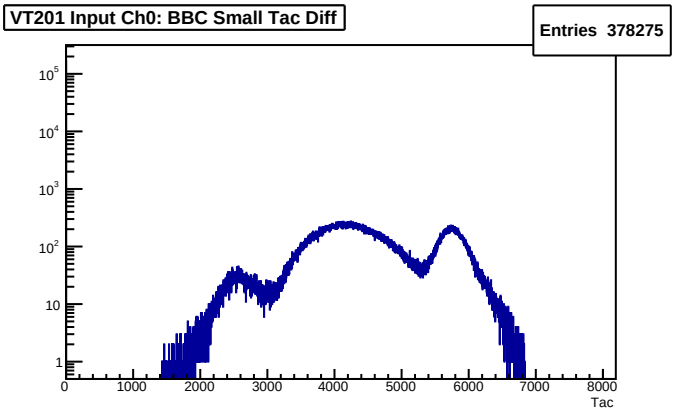

zdcEastTacVsSimu
Entries 975
Data
Simu

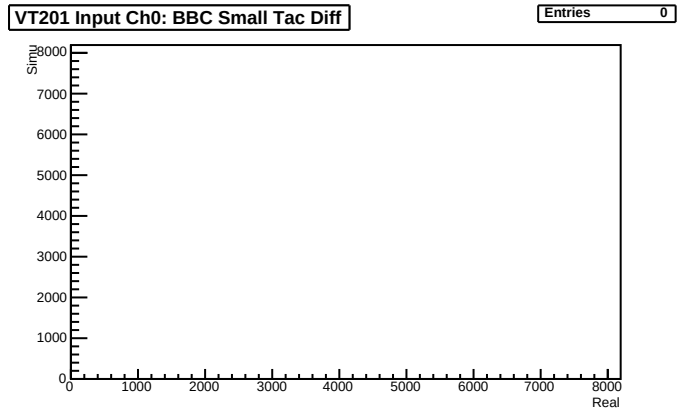

zdcWestTac
Entries 378275

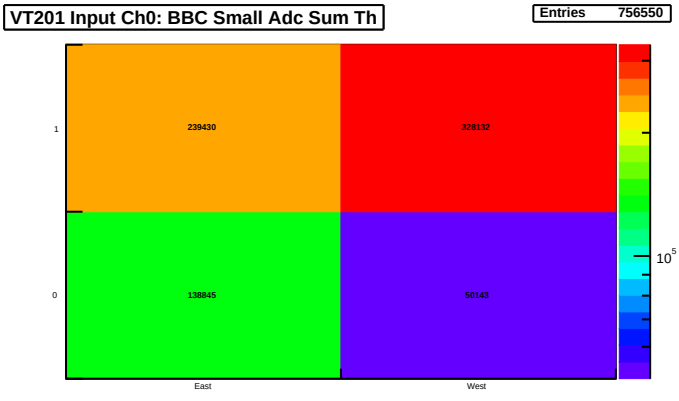

zdcWestTacVsSimu
Entries 2147
Data
Simu

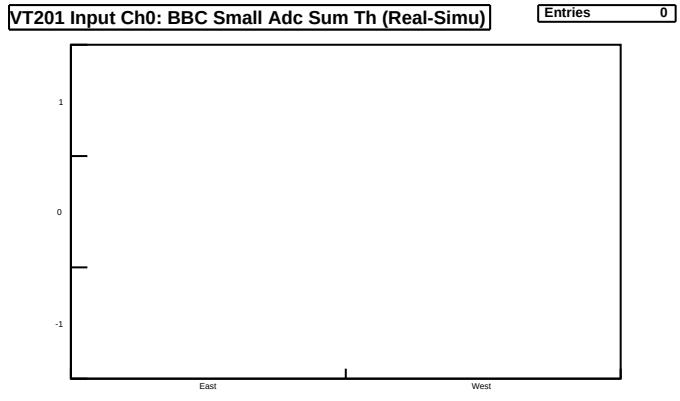

zdcAdcSum
Entries 4539300
31345
3686
22
18
8
5
78309
4417
40
36
30
24
346930
374589
378253
378257
378267
378270
299966
373888
378235
378239
378245
378251
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

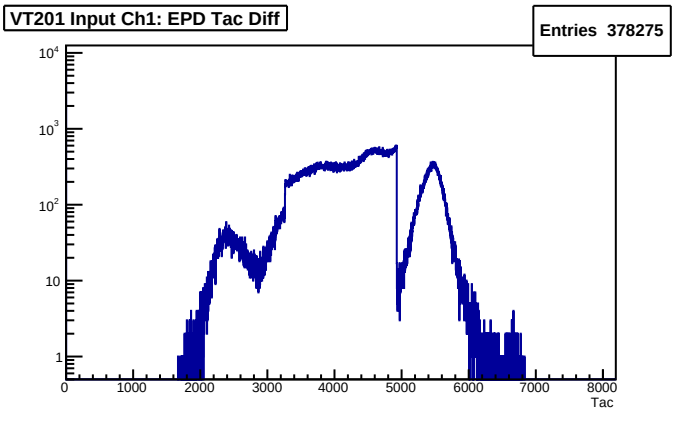

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

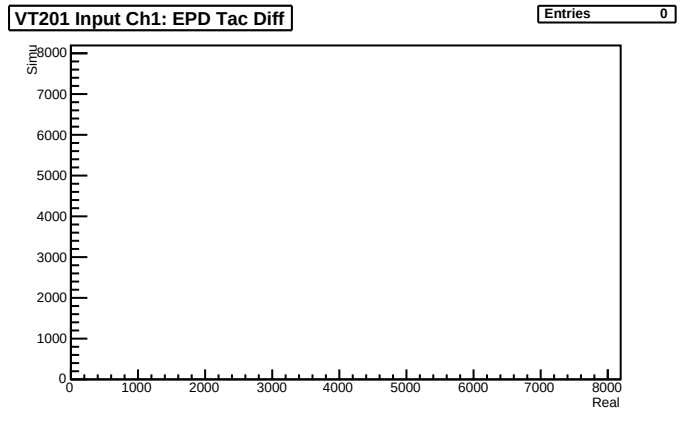

VT201 Input Ch0: BBC Small Tac Diff
Entries 378275
Tac

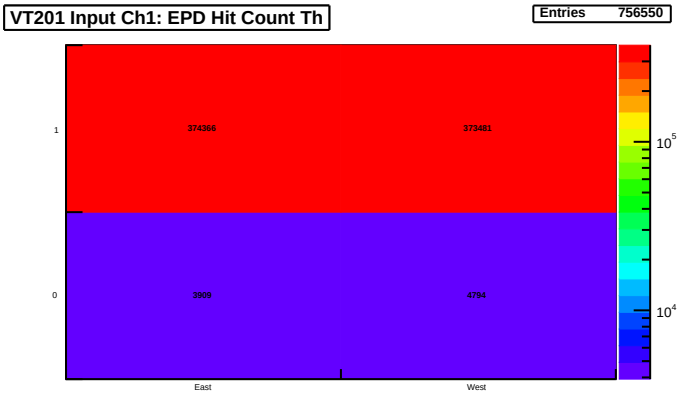

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

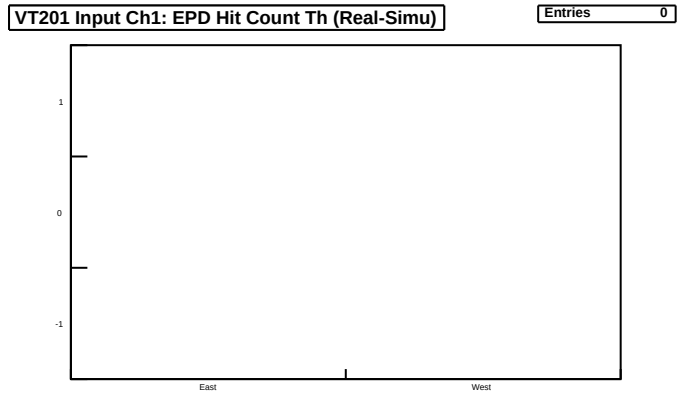

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 756550
239430
328132
138845
50143
East
West

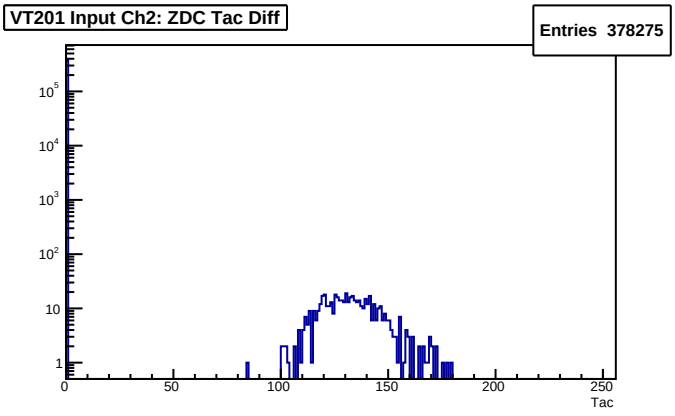

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

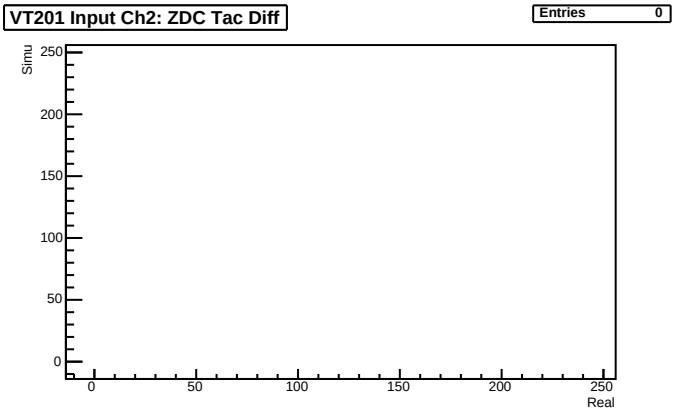

VT201 Input Ch1: EPD Tac Diff
Entries 378275
Tac

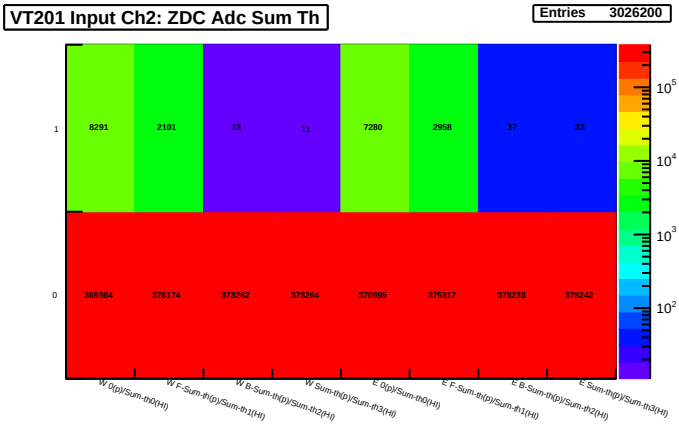

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

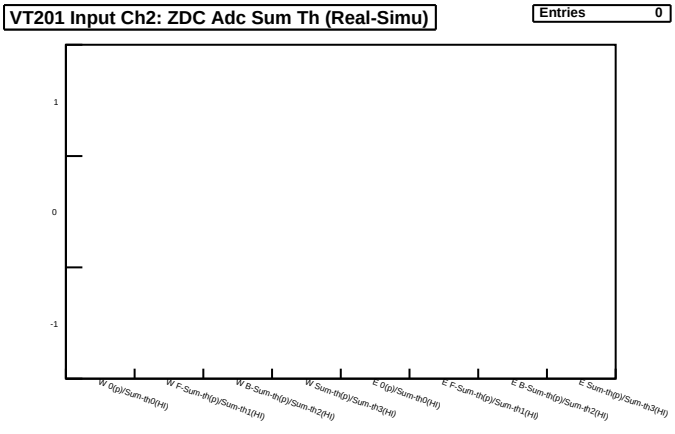

VT201 Input Ch1: EPD Hit Count Th
Entries 756550
374366
373481
3909
4794
East
West

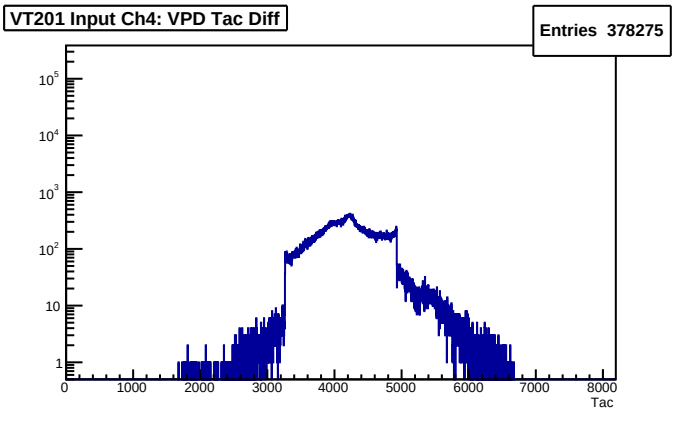

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

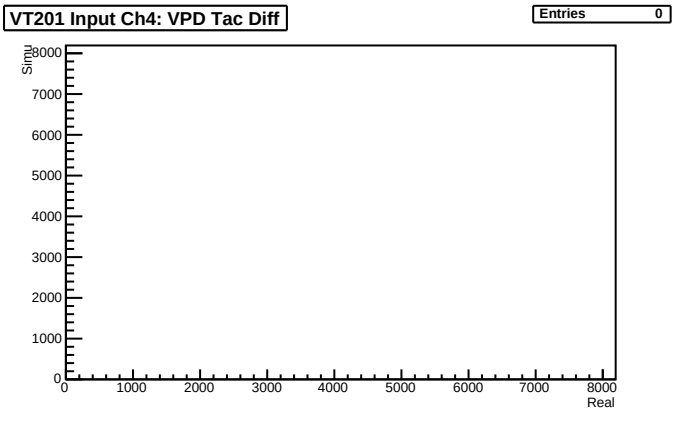

VT201 Input Ch2: ZDC Tac Diff
Entries 378275
Tac

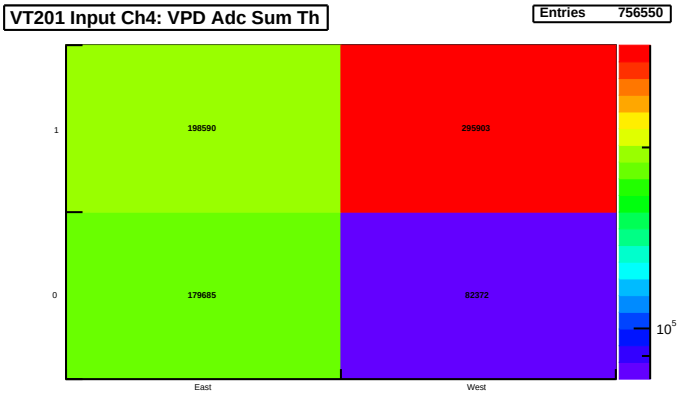

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

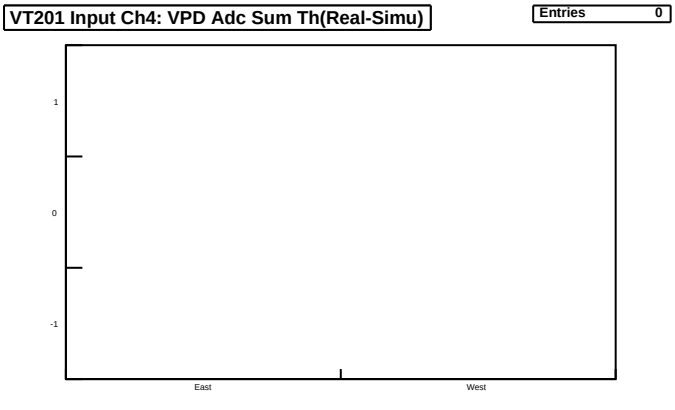

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3026200
8291
2101
13
11
7280
2958
37
33
369984
376174
378262
378264
370995
375317
378238
378242
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

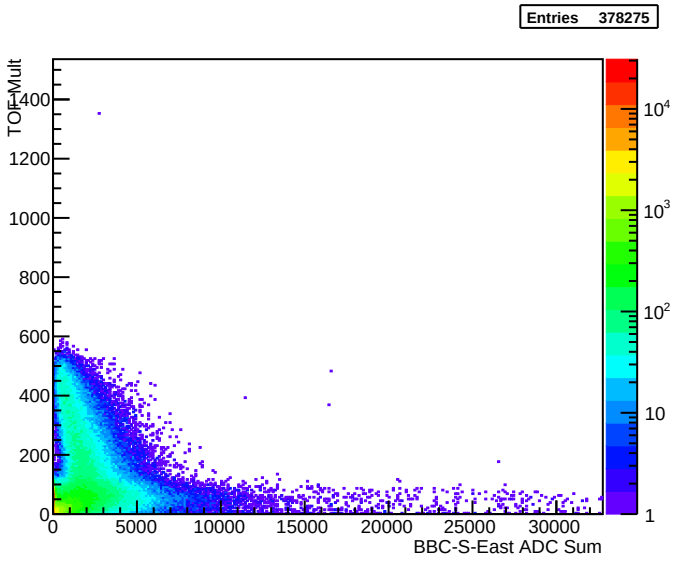

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

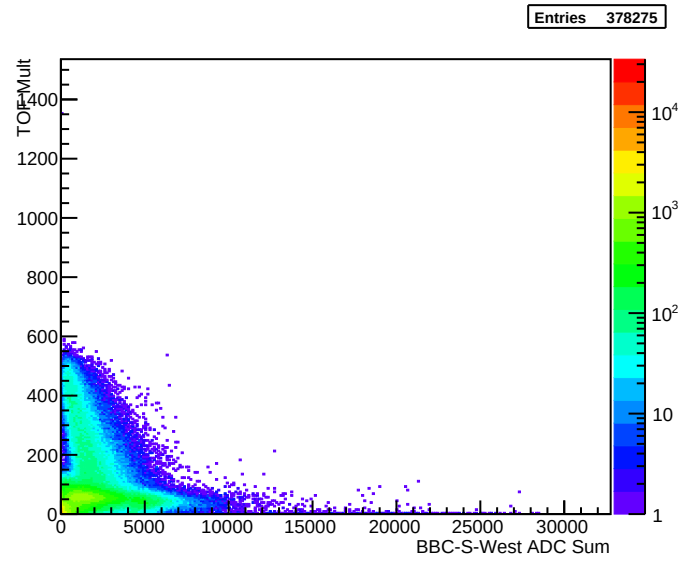

VT201 Input Ch4: VPD Tac Diff
Entries 378275
Tac

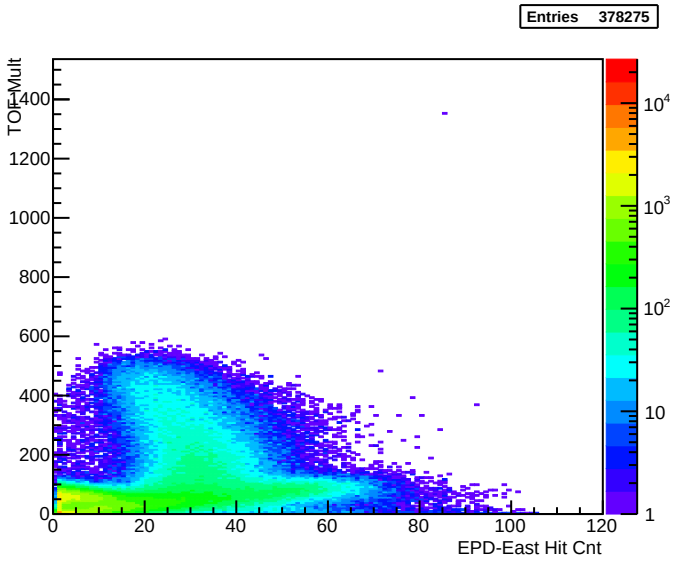

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

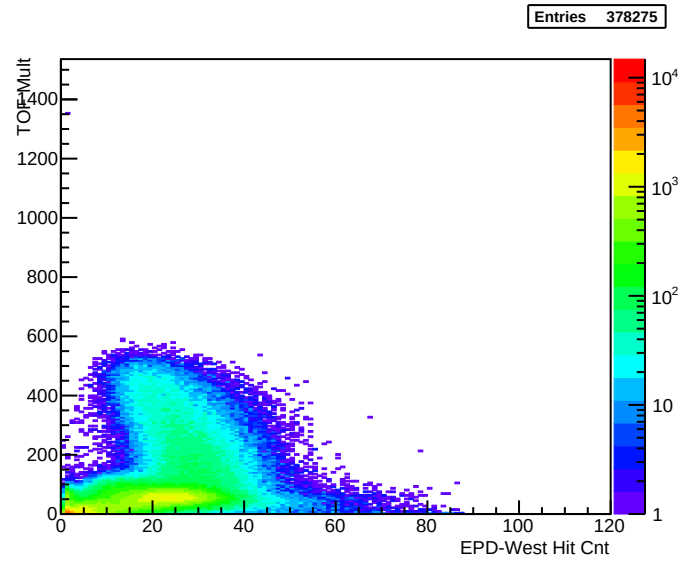

VT201 Input Ch4: VPD Adc Sum Th
Entries 756550
198590
295903
179685
82372
East
West

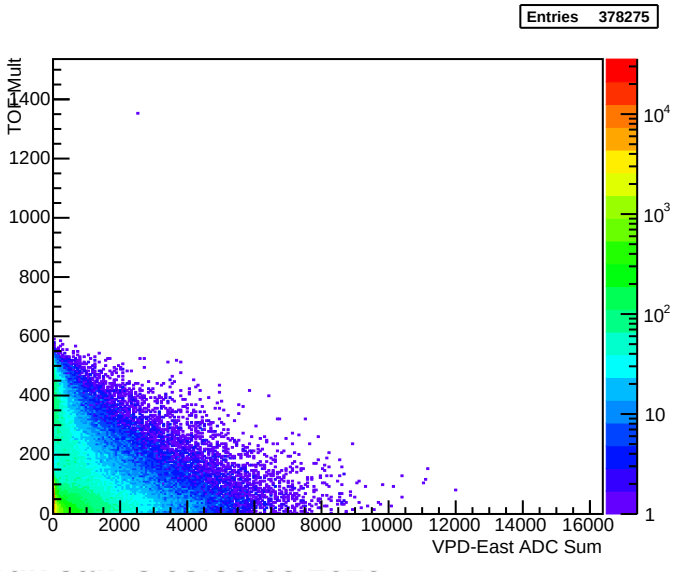

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

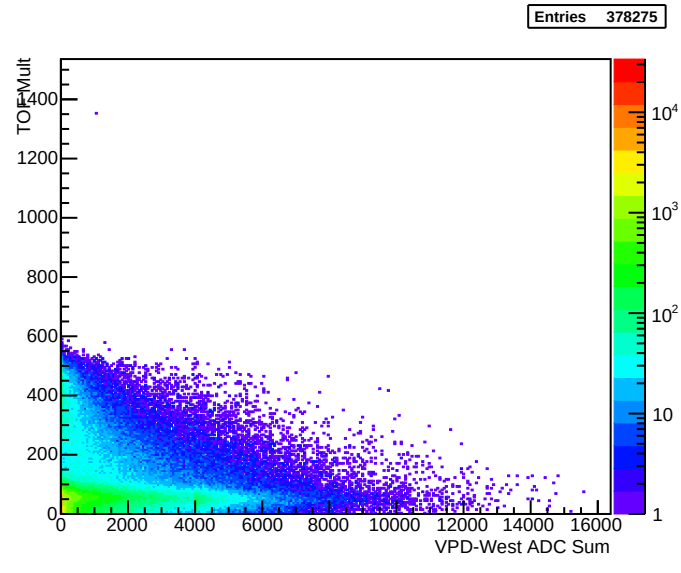

Entries 378275
TOF-Mult
BBC-S-East ADC Sum

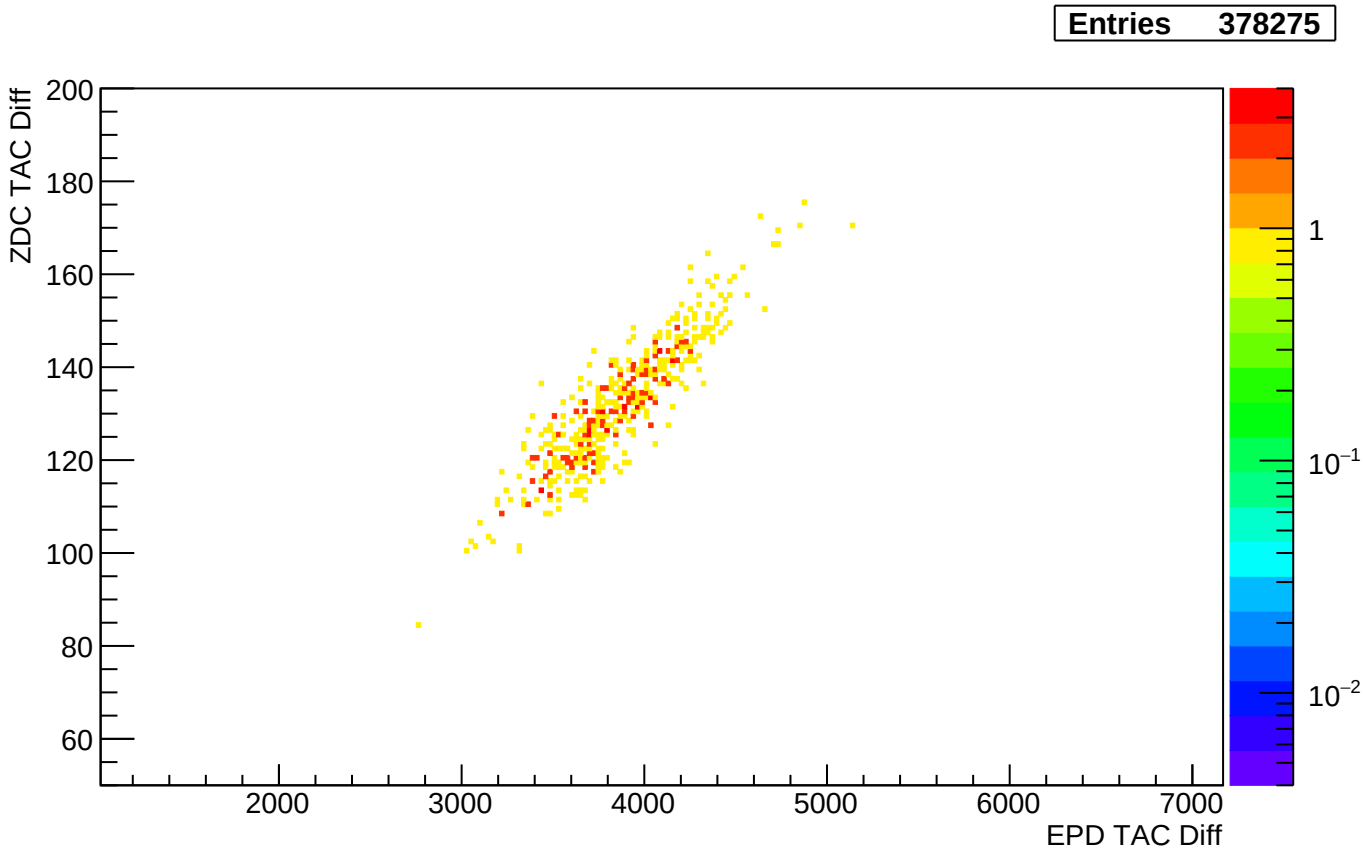

Entries 378275
TOF-Mult
BBC-S-West ADC Sum

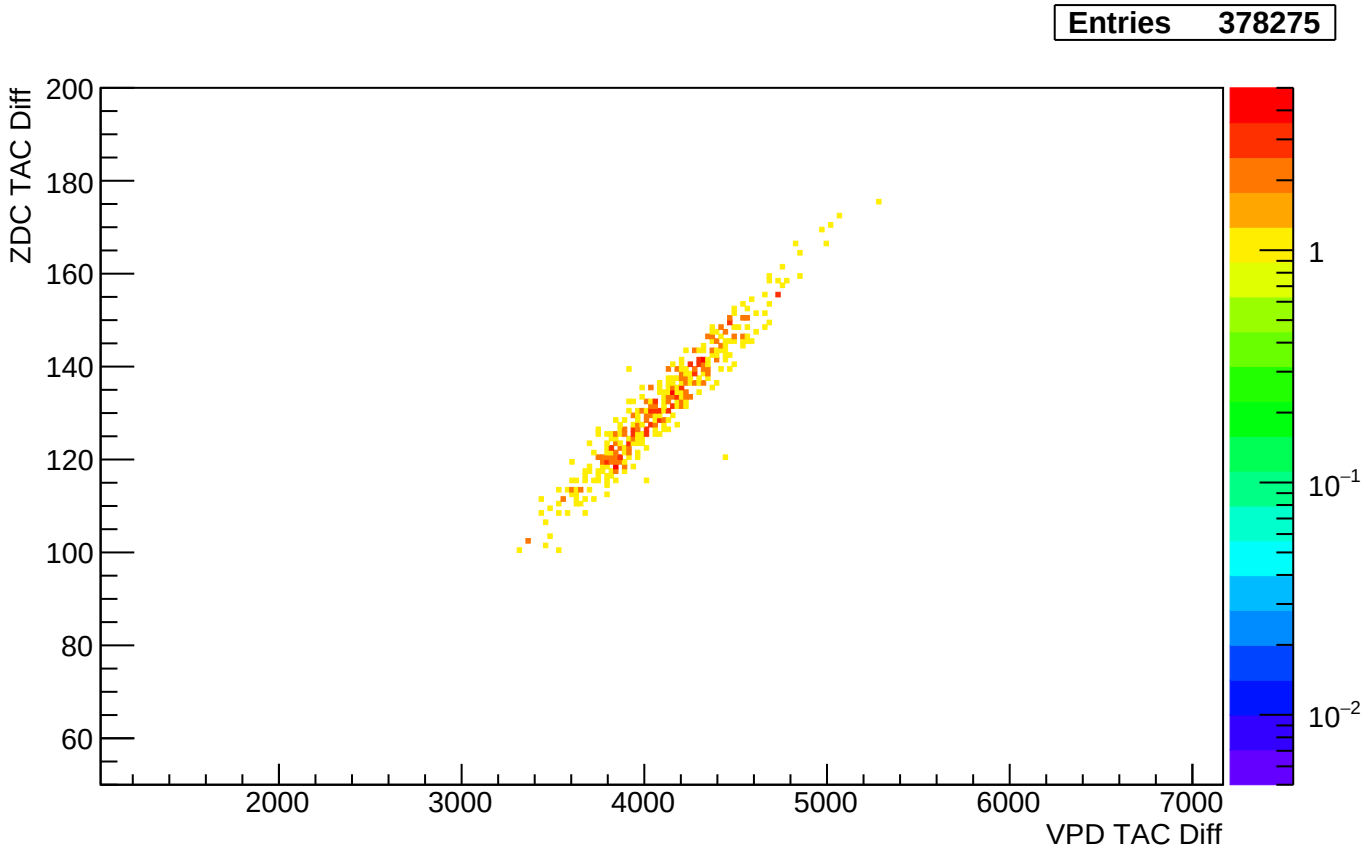

Entries 378275
TOF-Mult
EPD-East Hit Cnt

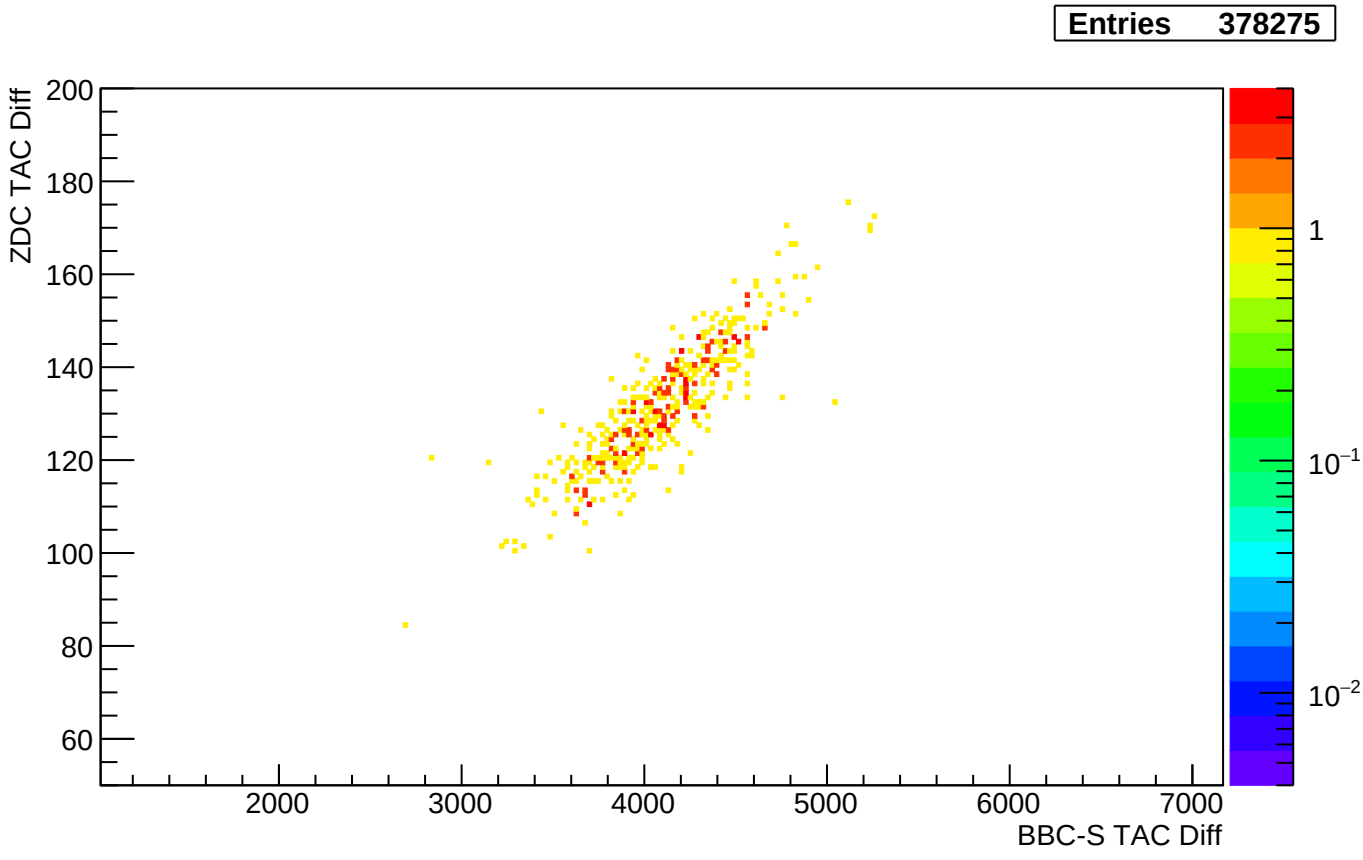

Entries 378275
TOF-Mult
EPD-West Hit Cnt

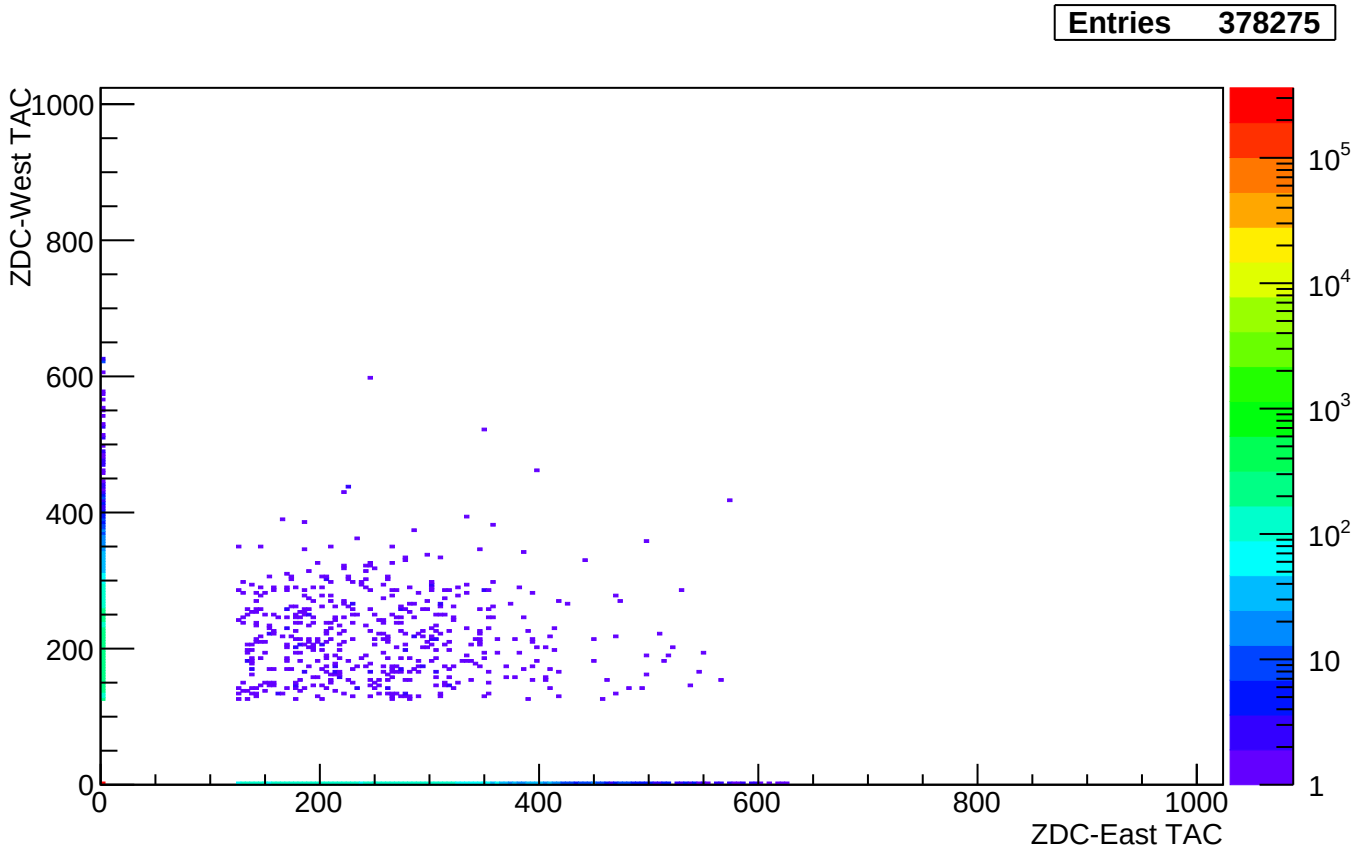

Entries 378275
TOF-Mult
VPD-East ADC Sum

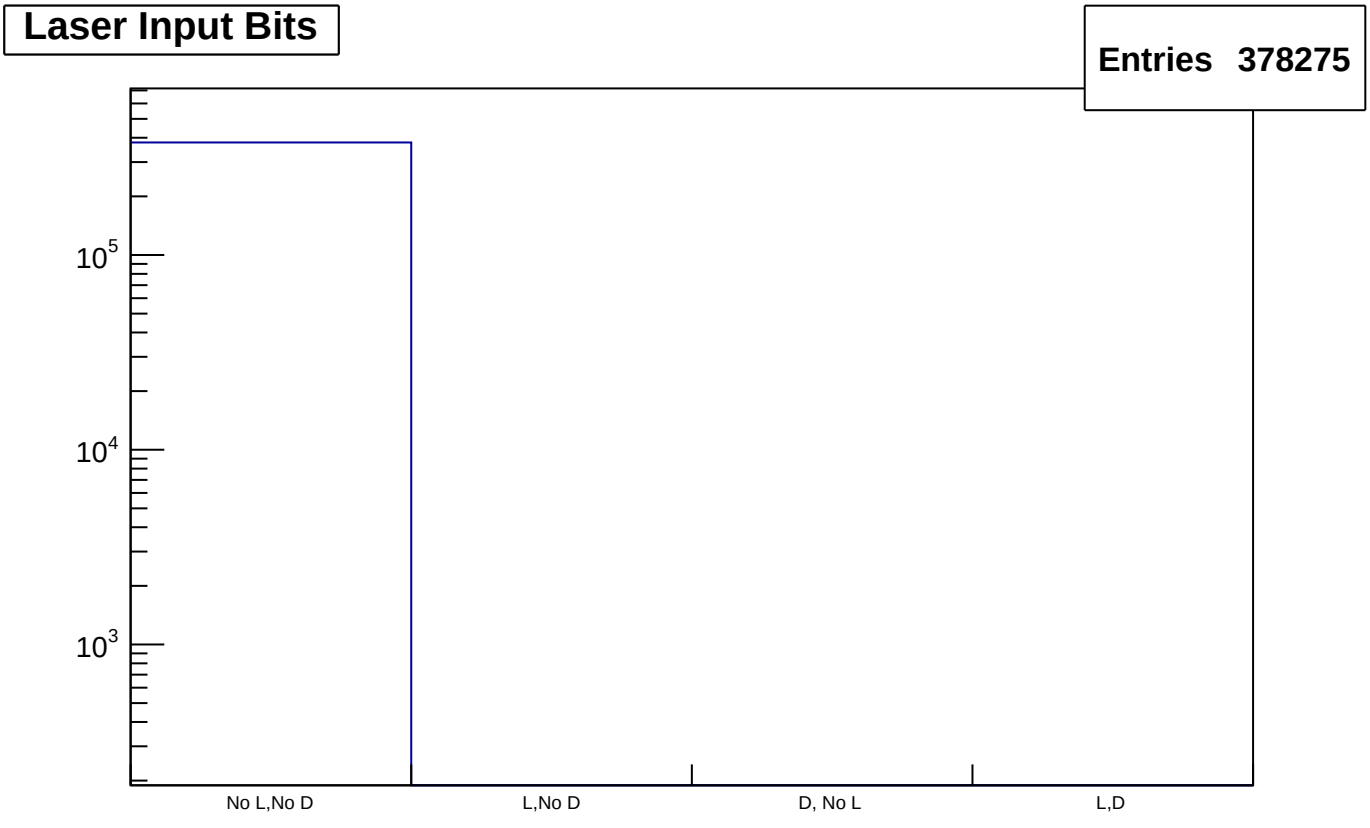

Entries 378275
TOF-Mult
VPD-West ADC Sum

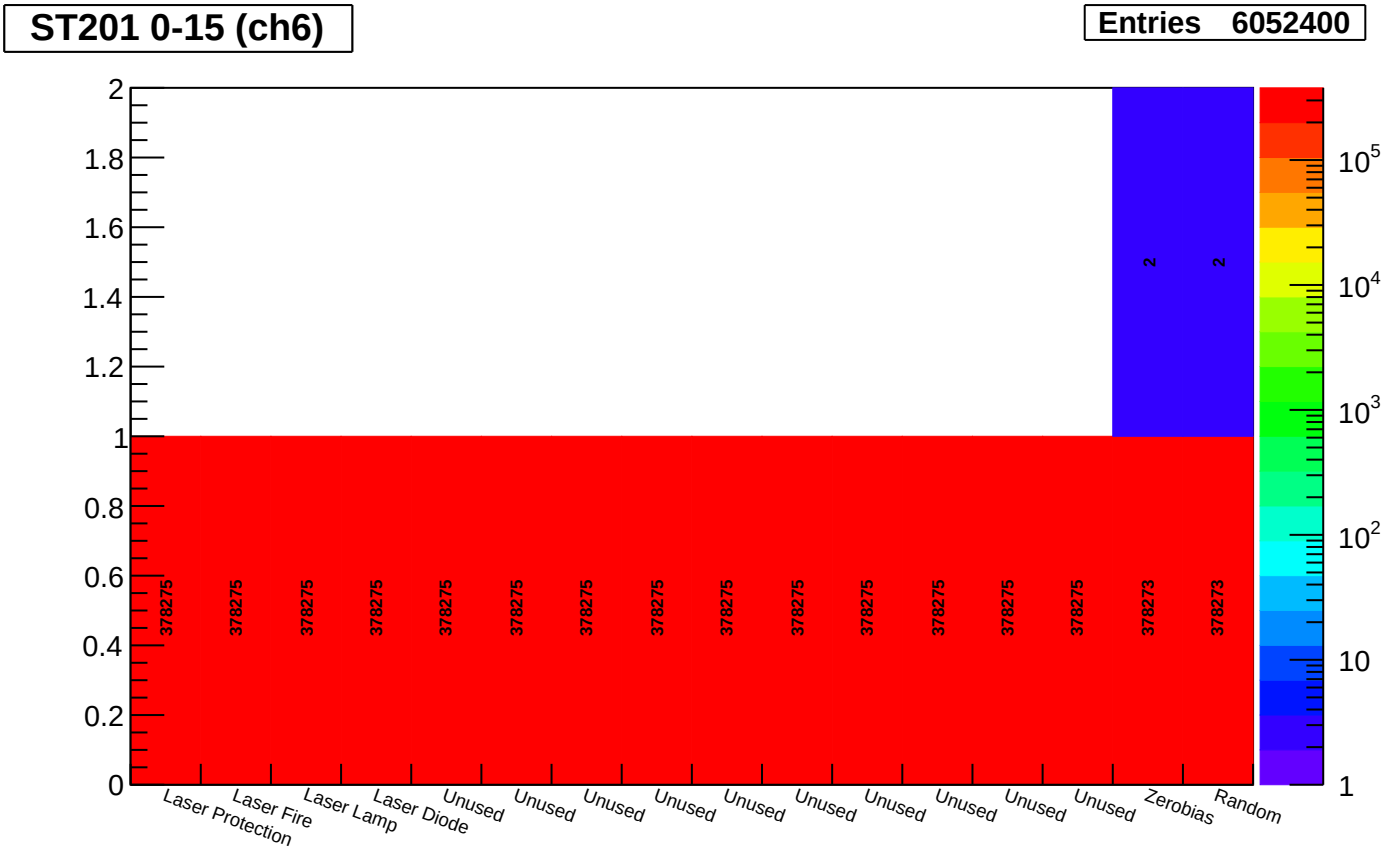

Entries 378275
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

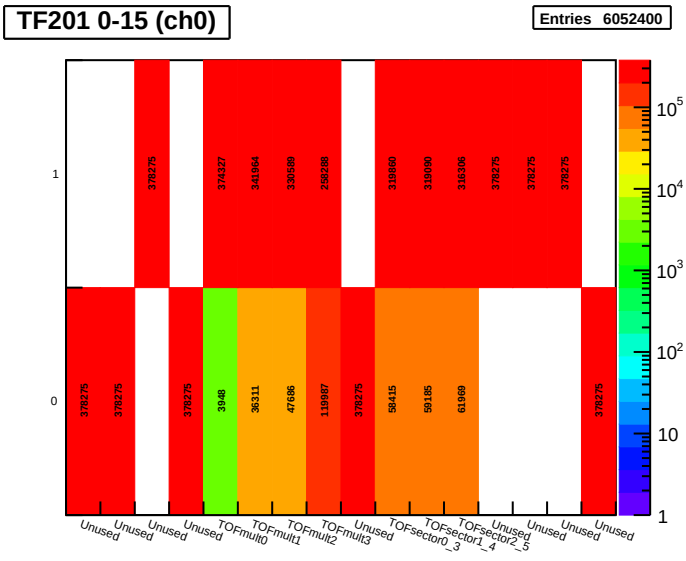

Entries 378275
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

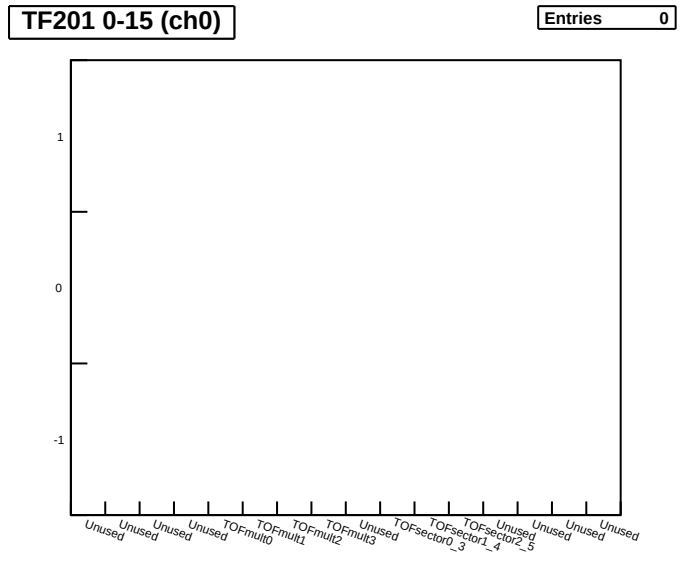

Entries 378275
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

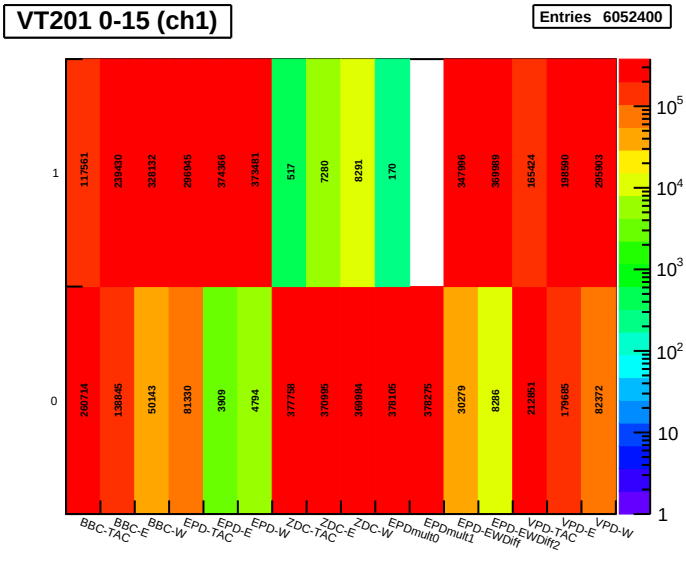

Entries 378275
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

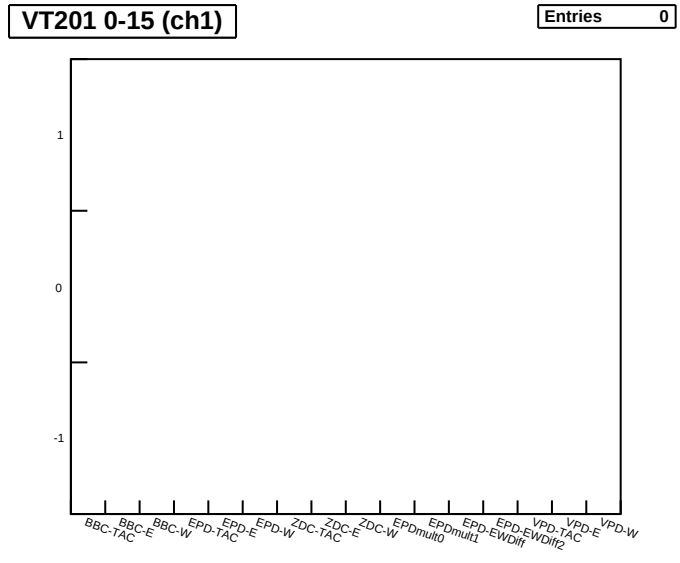

Laser Input Bits
Entries 378275
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

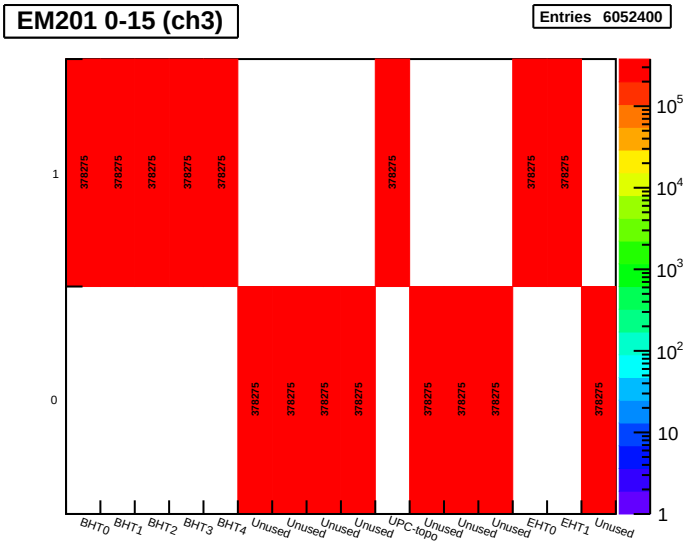

ST201 0-15 (ch6)
Entries 6052400
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
378275
378275
378275
378275
378275
378275
378275
378275
378275
378275
378275
378275
378275
378273
378273
2
2
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

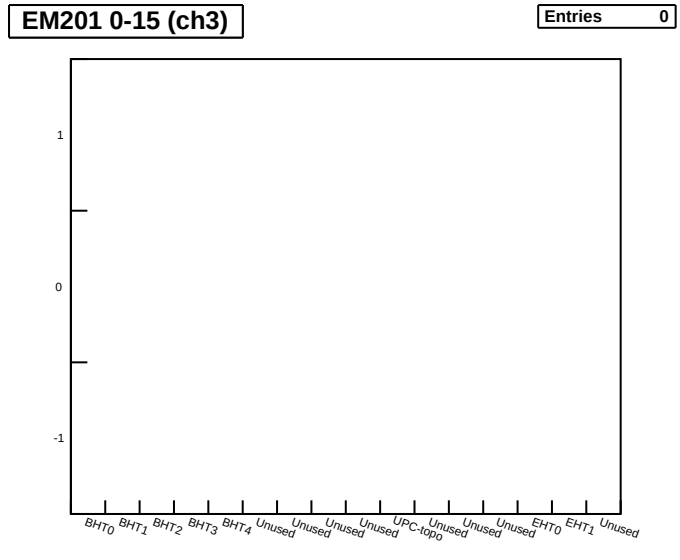

TF201 0-15 (ch0)
Entries 6052400
1
0
378275
374327
341964
330589
258288
319860
319090
318306
378275
378275
378275
378275
378275
378275
3948
36311
47686
119987
58415
59185
61969
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 6052400
1
0
117561
239430
328132
296945
374356
373481
517
7280
8291
170
347996
369989
165424
198590
295983
260714
138845
50143
81330
3909
4794
377758
370995
369984
378105
378275
30279
8286
212851
179685
82372
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 6052400
1
0
378275
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