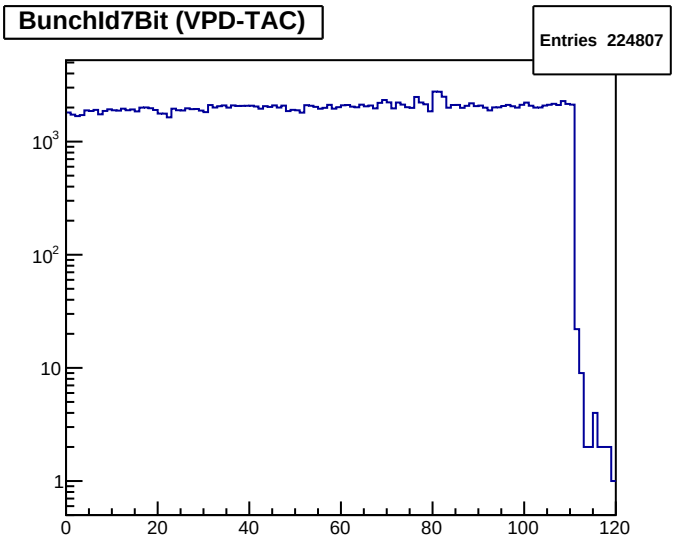
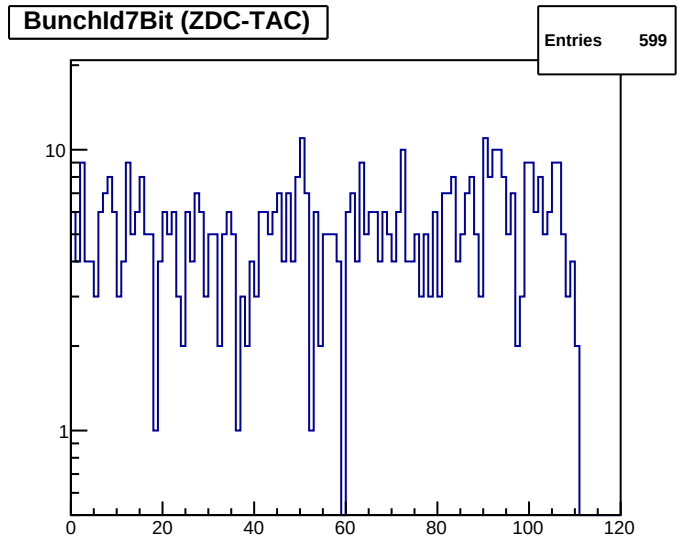
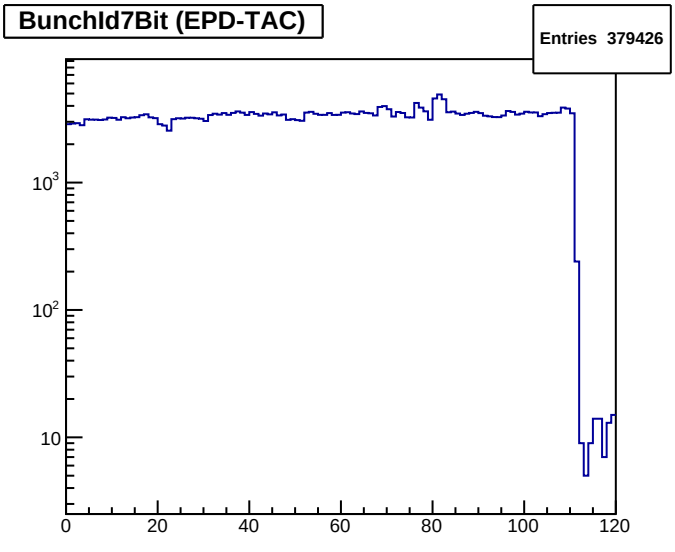
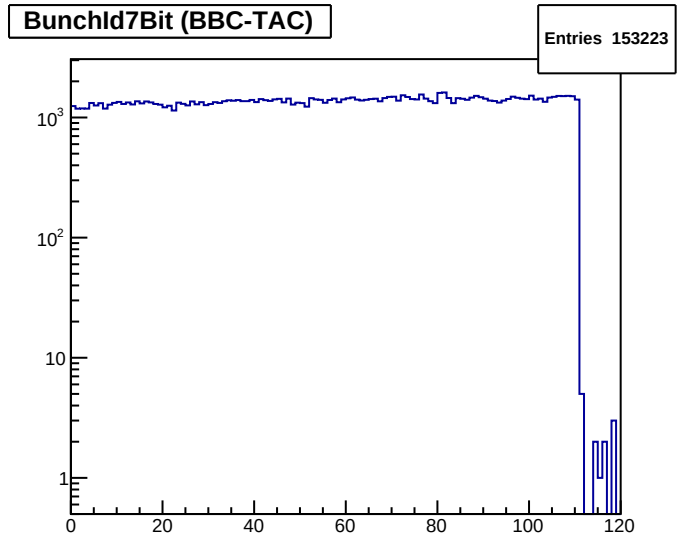
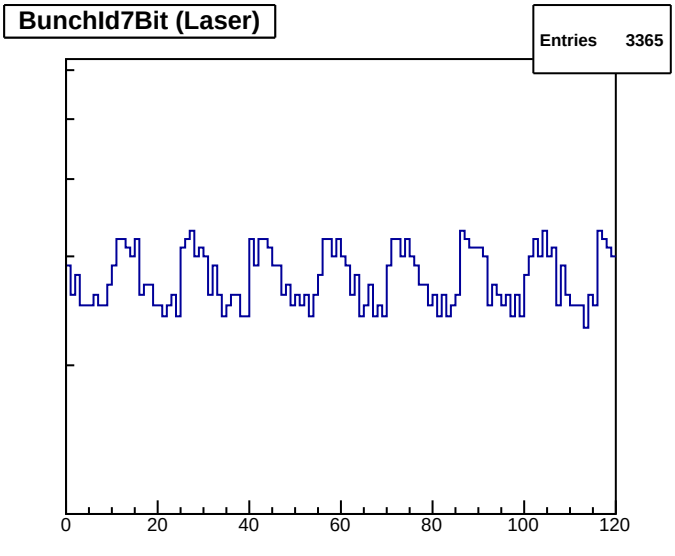
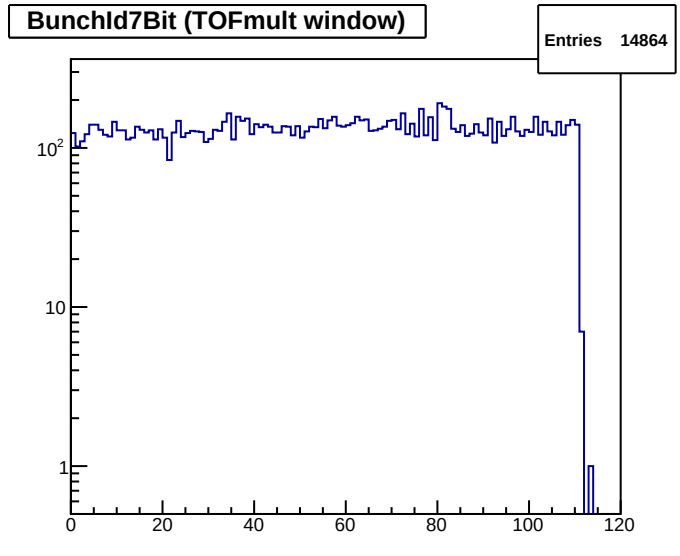

BunchId7Bit (VPD-TAC)
Entries 224807

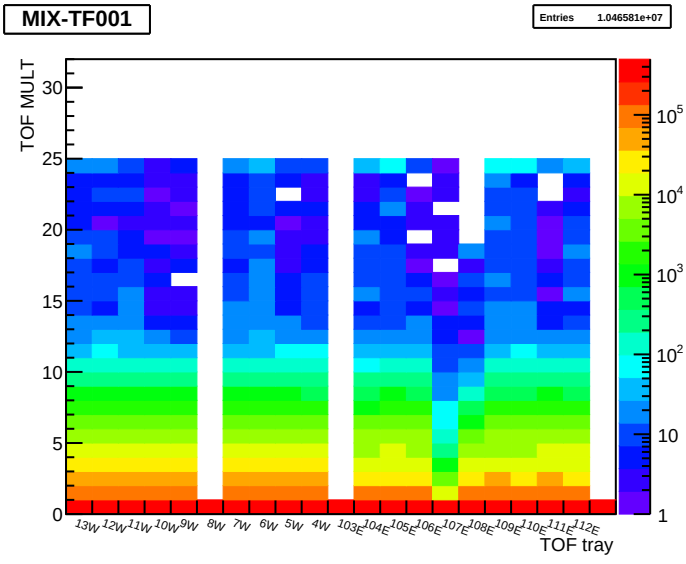

BunchId7Bit (ZDC-TAC)
Entries 599

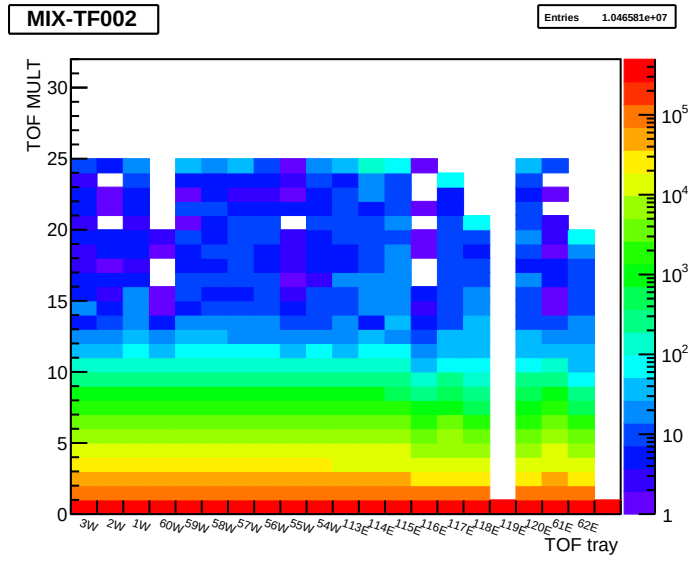

BunchId7Bit (EPD-TAC)
Entries 379426

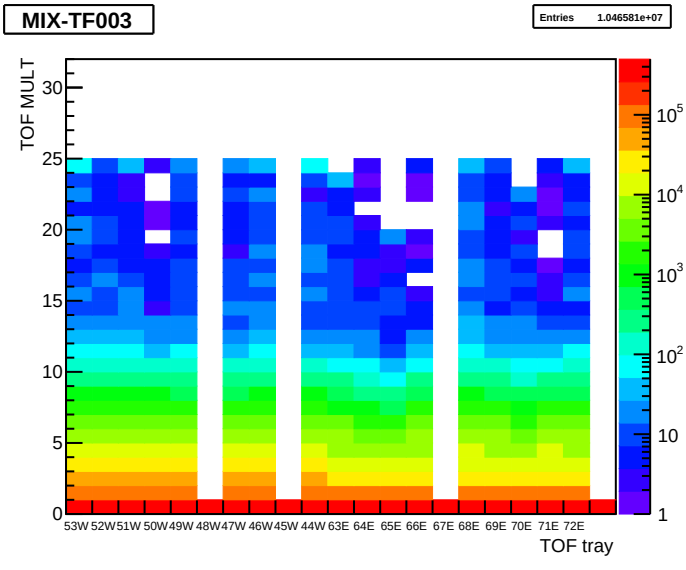

BunchId7Bit (BBC-TAC)
Entries 153223

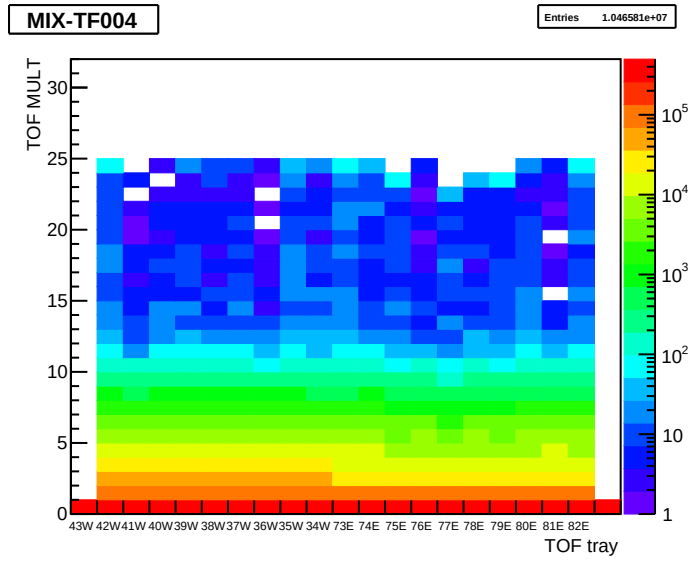

BunchId7Bit (Laser)
Entries 3365

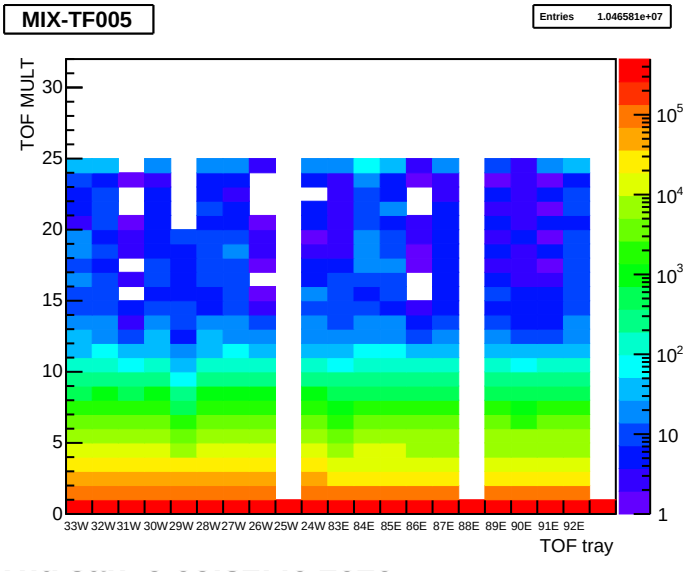

BunchId7Bit (TOFmult window)
Entries 14864

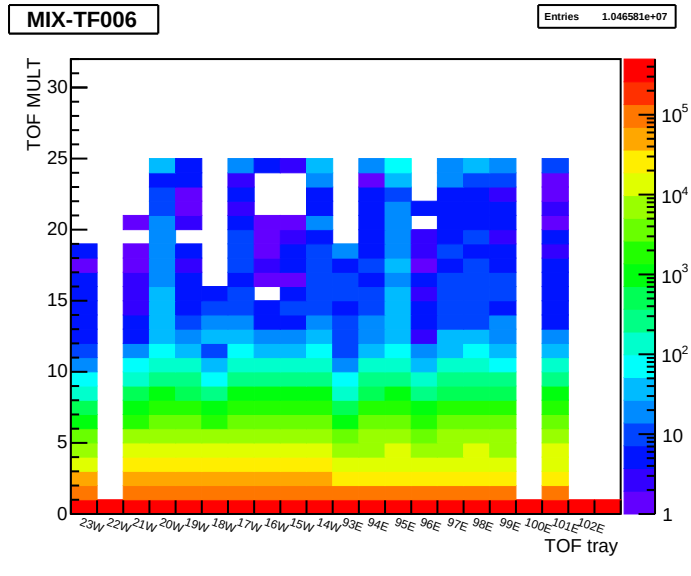

MIX-TF001
Entries 1.046581e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

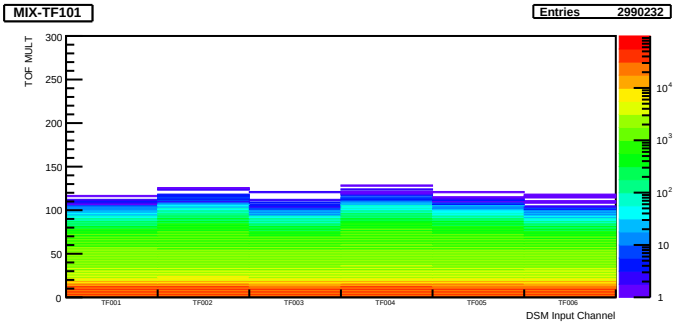

MIX-TF002
Entries 1.046581e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

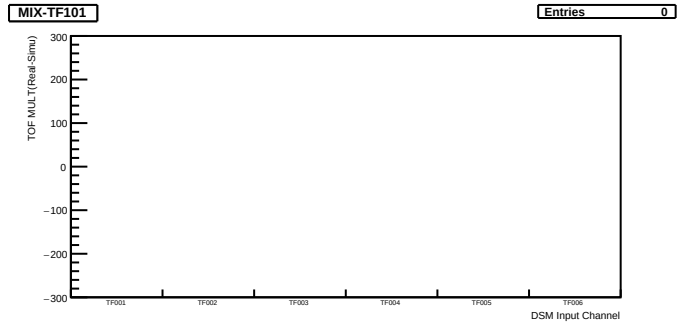

MIX-TF003
Entries 1.046581e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

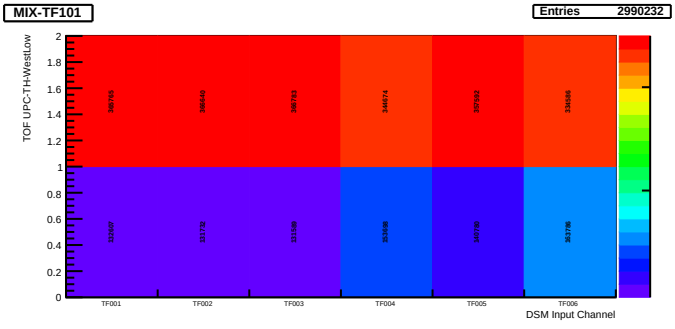

MIX-TF004
Entries 1.046581e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

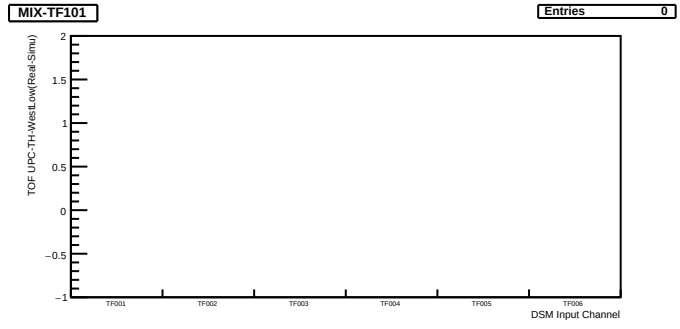

MIX-TF005
Entries 1.046581e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

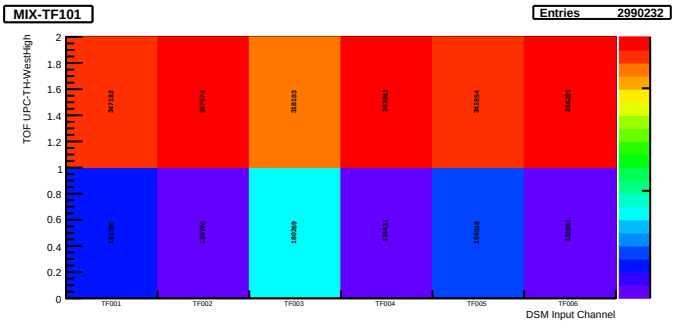

MIX-TF006
Entries 1.046581e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

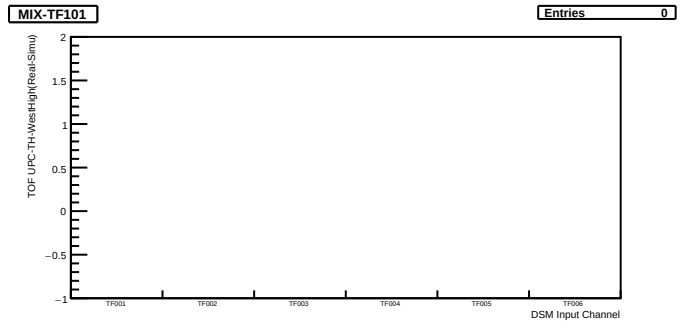

MIX-TF101
Entries 2990232
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

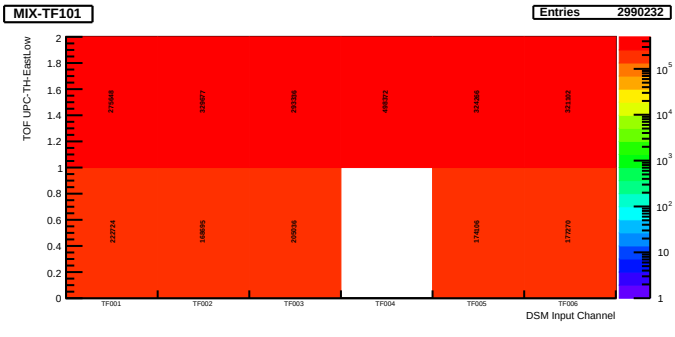

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

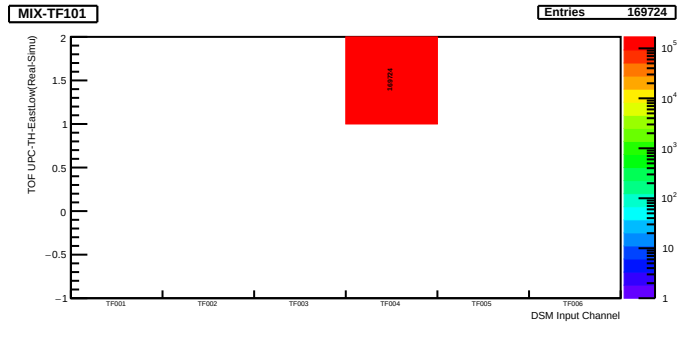

MIX-TF101
Entries 2990232
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

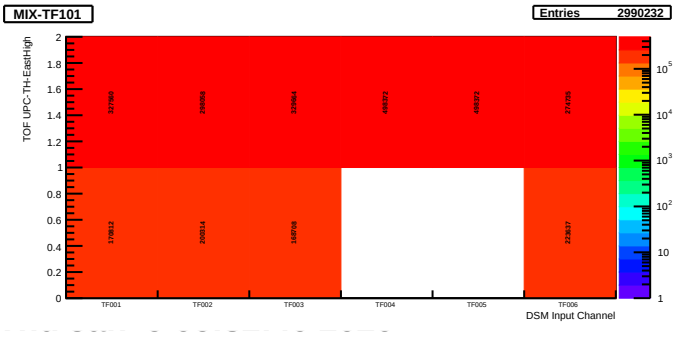

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

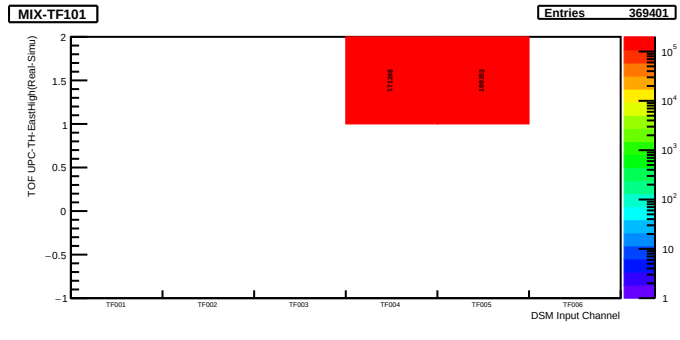

MIX-TF101
Entries 2990232
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

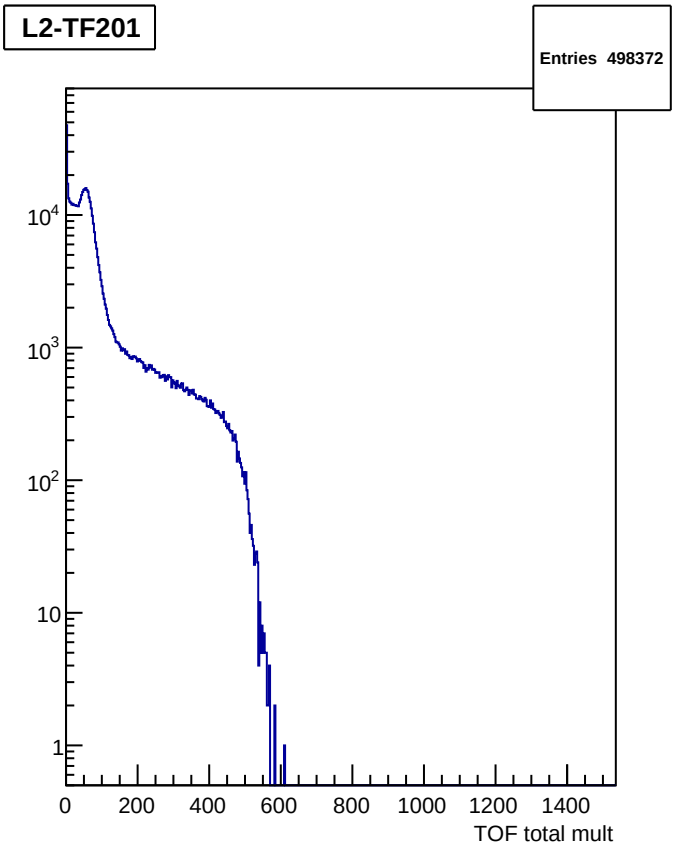

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

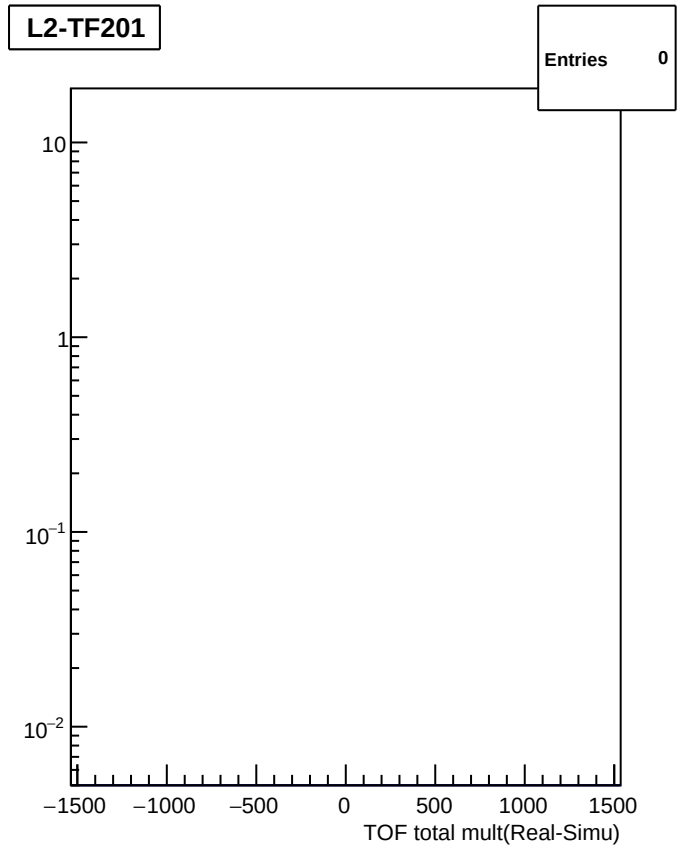

MIX-TF101
Entries 2990232
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

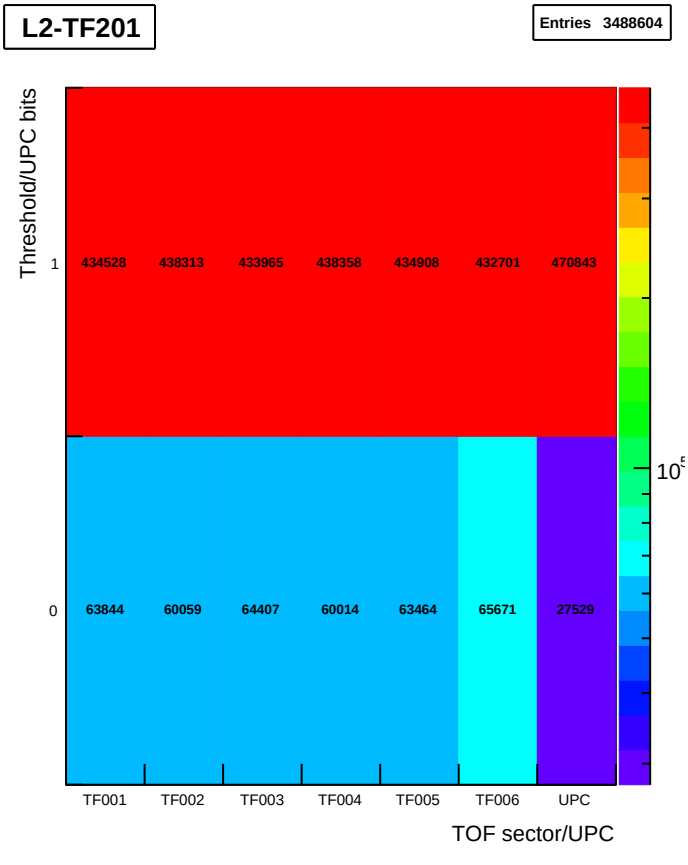

MIX-TF101
Entries 169724
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

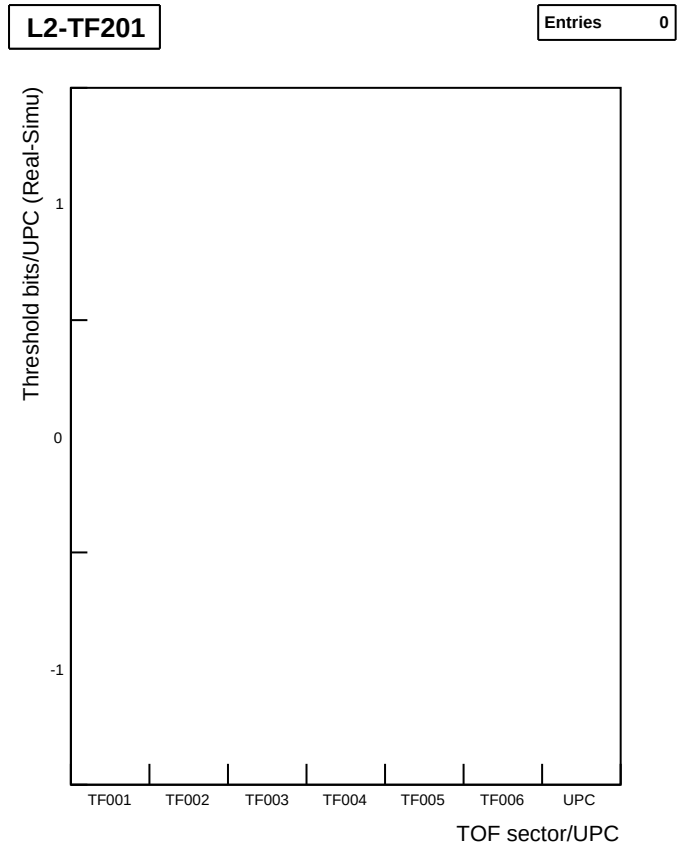

MIX-TF101
Entries 2990232
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

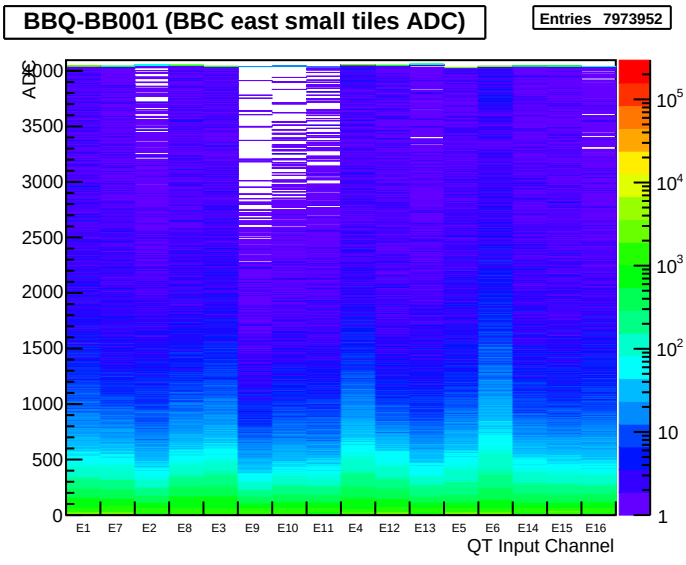

MIX-TF101
Entries 369401
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

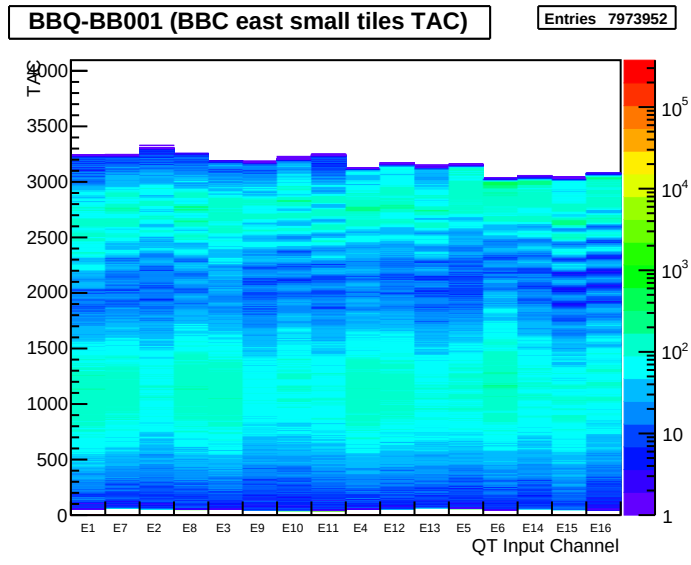

L2-TF201
Entries 498372
TOF total mult

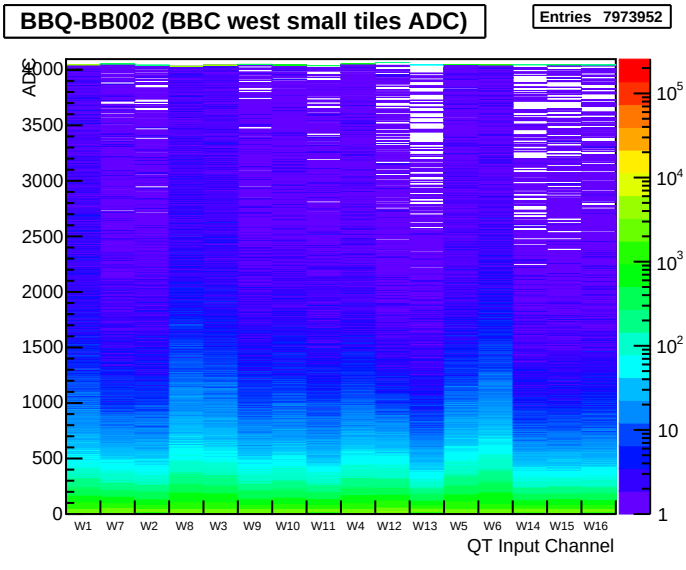

L2-TF201
Entries 0
TOF total mult(Real-Simu)

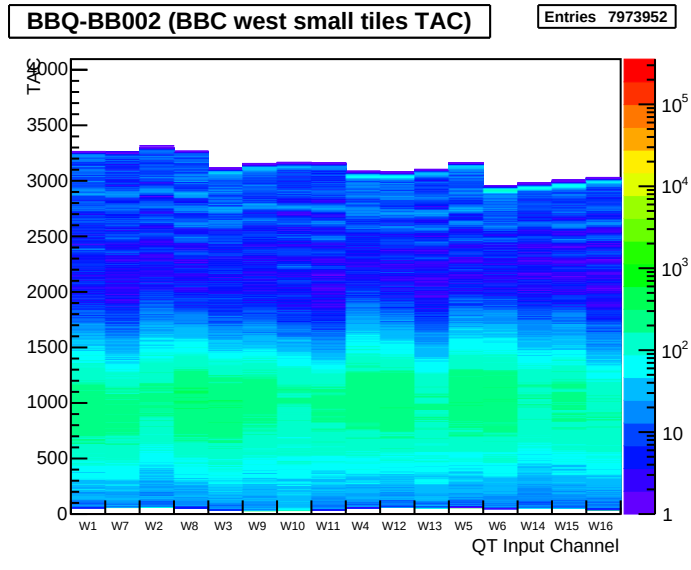

L2-TF201
Entries 3488604
Threshold/UPC bits
434528 438313 433965 438358 434908 432701 470843
63844 60059 64407 60014 63464 65671 27529
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

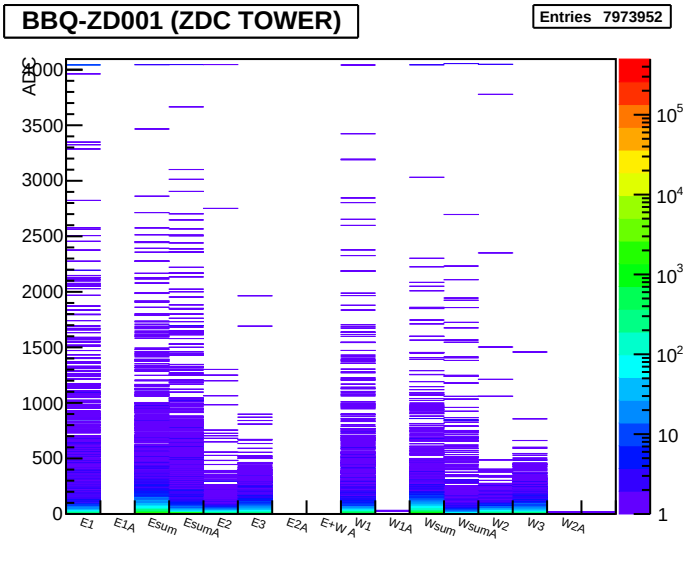

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

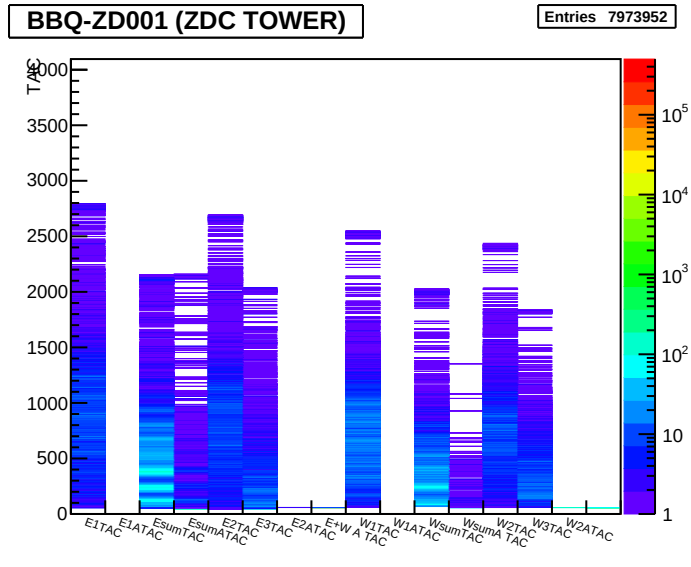

BBQ-BB001 (BBC east small tiles ADC)
Entries 7973952
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

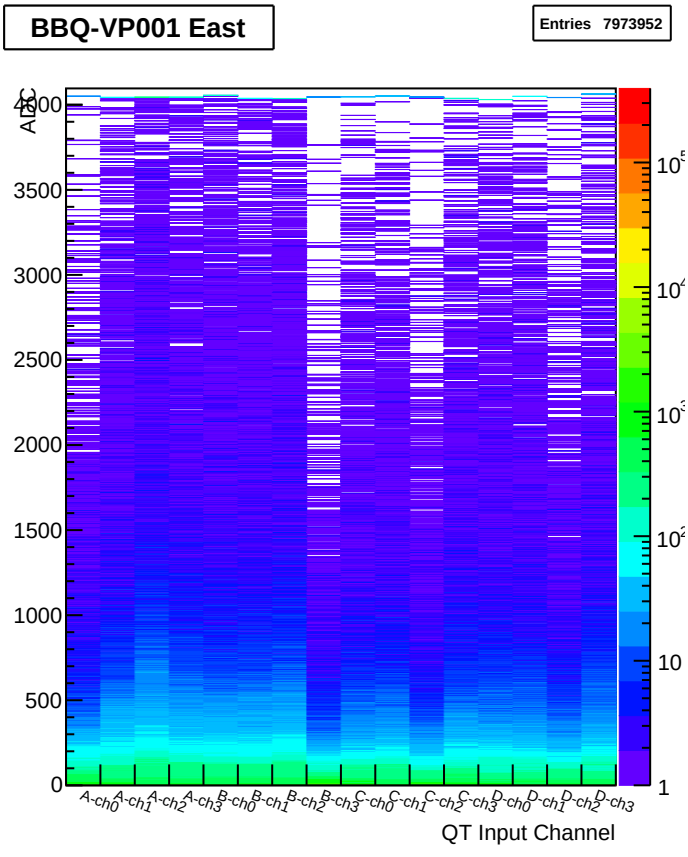

BBQ-BB001 (BBC east small tiles TAC)
Entries 7973952
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

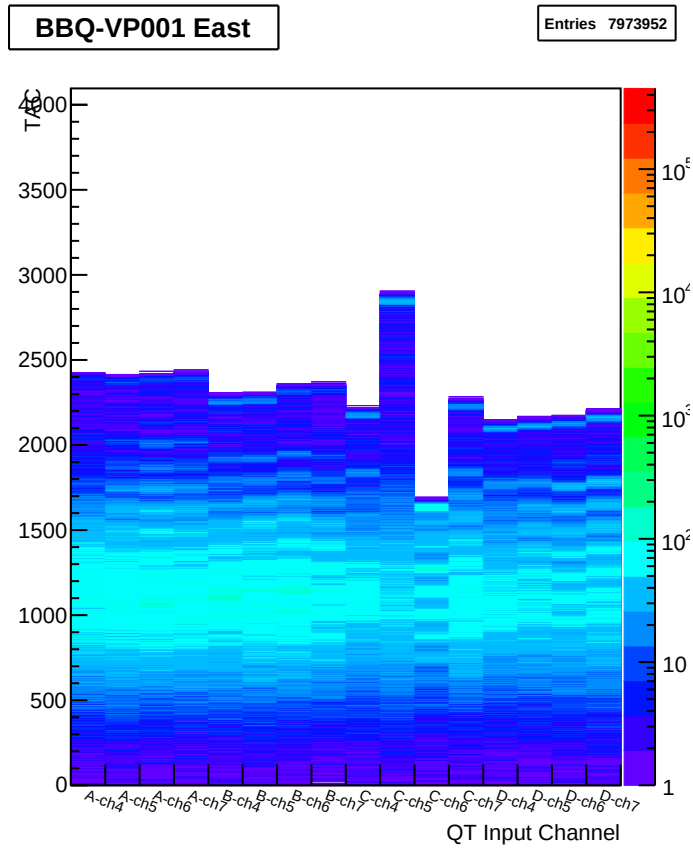

BBQ-BB002 (BBC west small tiles ADC)
Entries 7973952
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

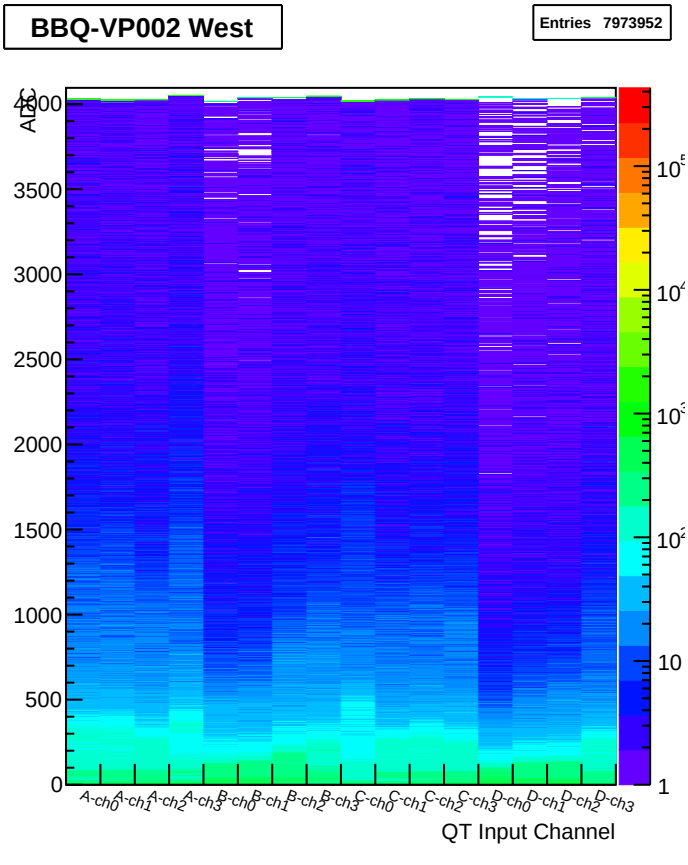

BBQ-BB002 (BBC west small tiles TAC)
Entries 7973952
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

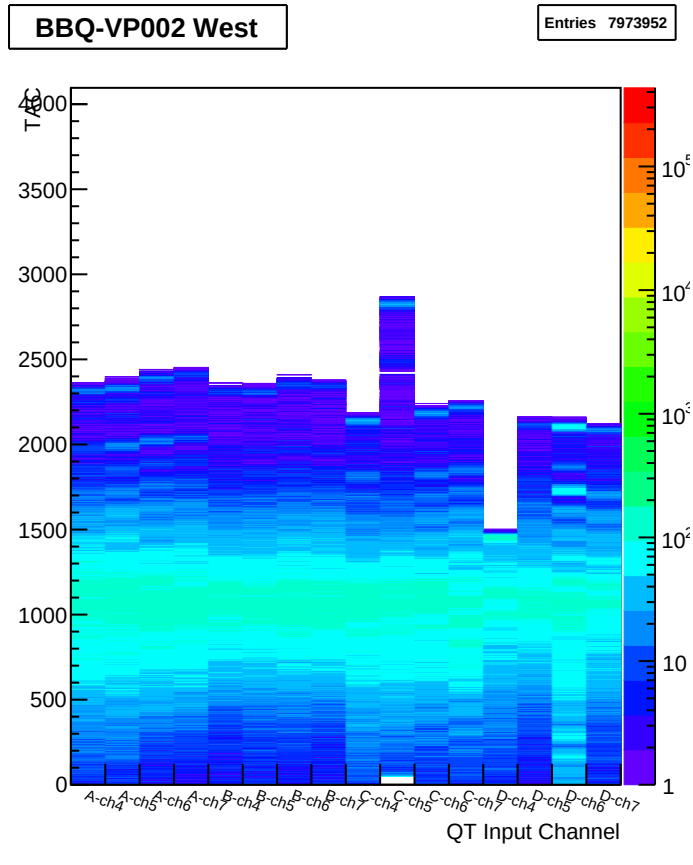

BBQ-ZD001 (ZDC TOWER)
Entries 7973952
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

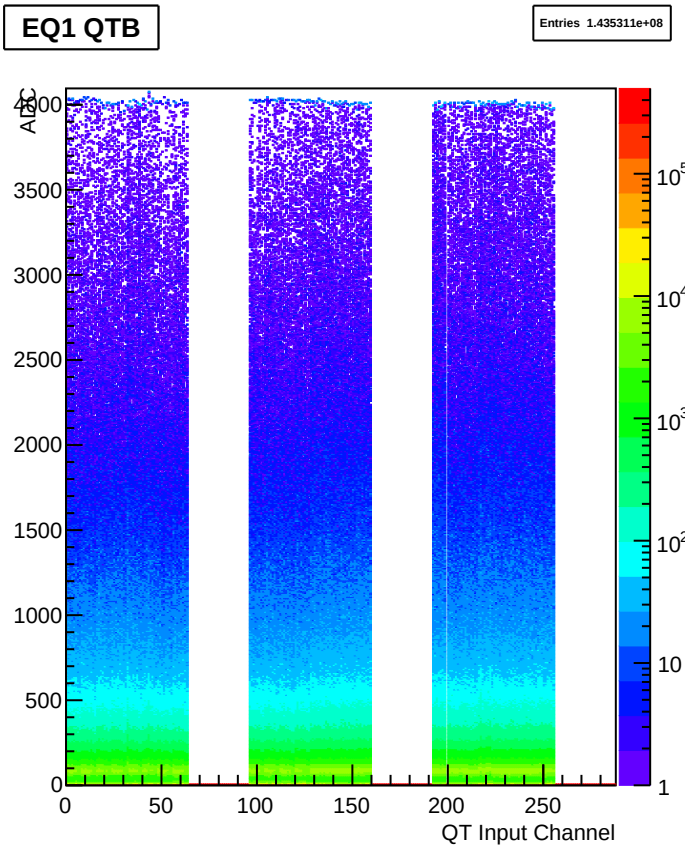

BBQ-ZD001 (ZDC TOWER)
Entries 7973952
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

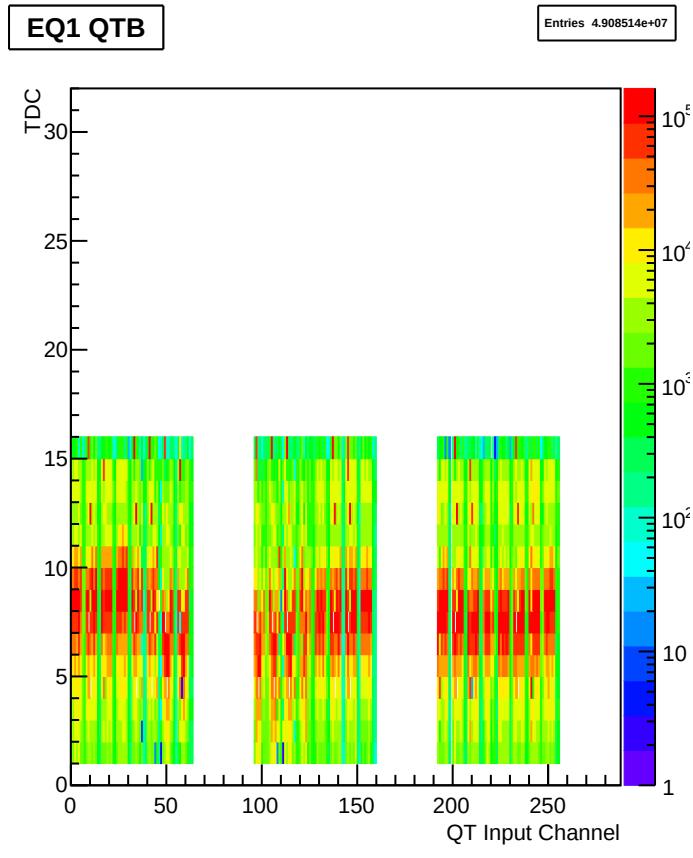

BBQ-VP001 East
Entries 7973952
ADC
QT Input Channel

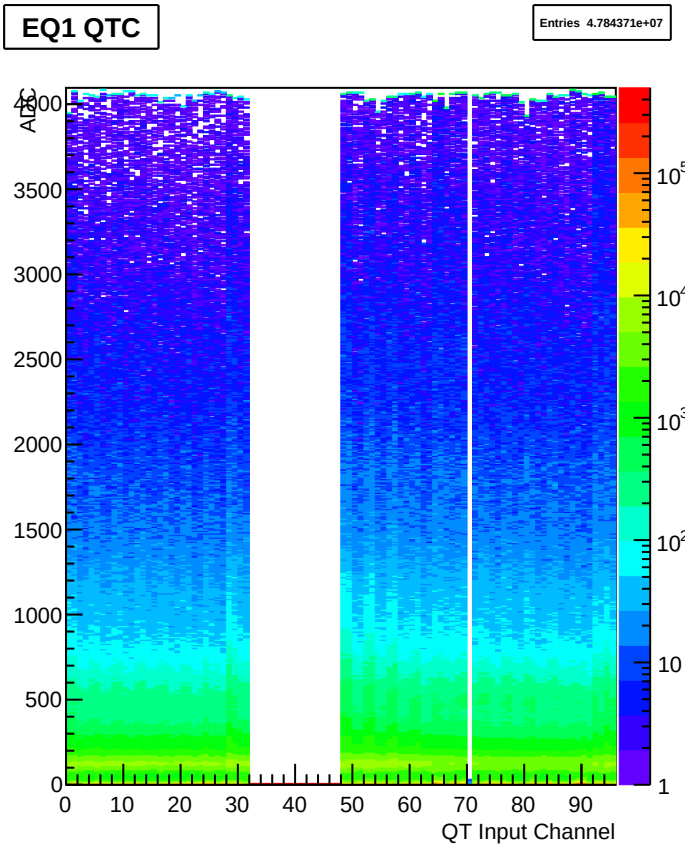

BBQ-VP001 East
Entries 7973952
TADC
QT Input Channel

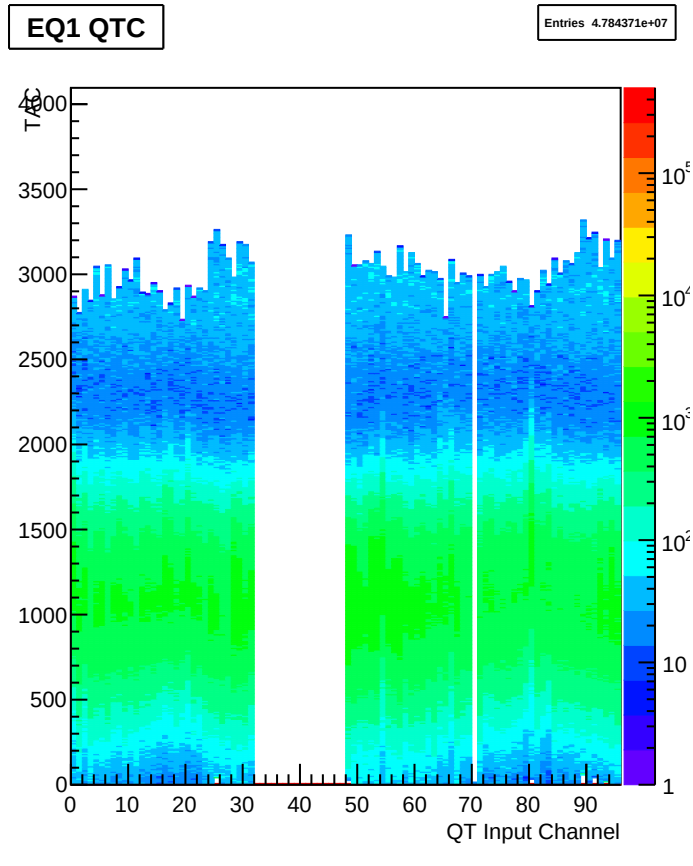

BBQ-VP002 West
Entries 7973952
ADC
QT Input Channel

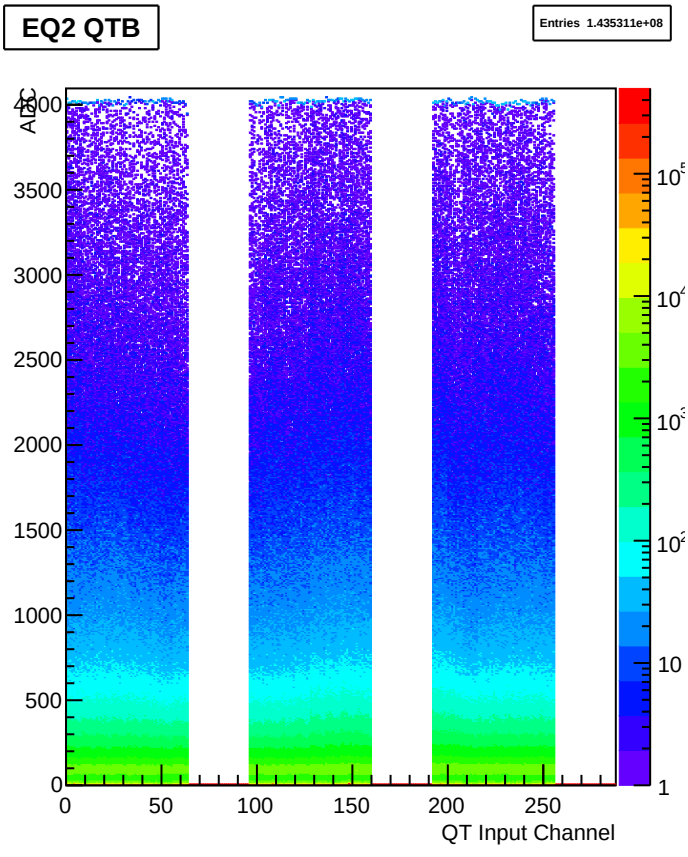

BBQ-VP002 West
Entries 7973952
TADC
QT Input Channel

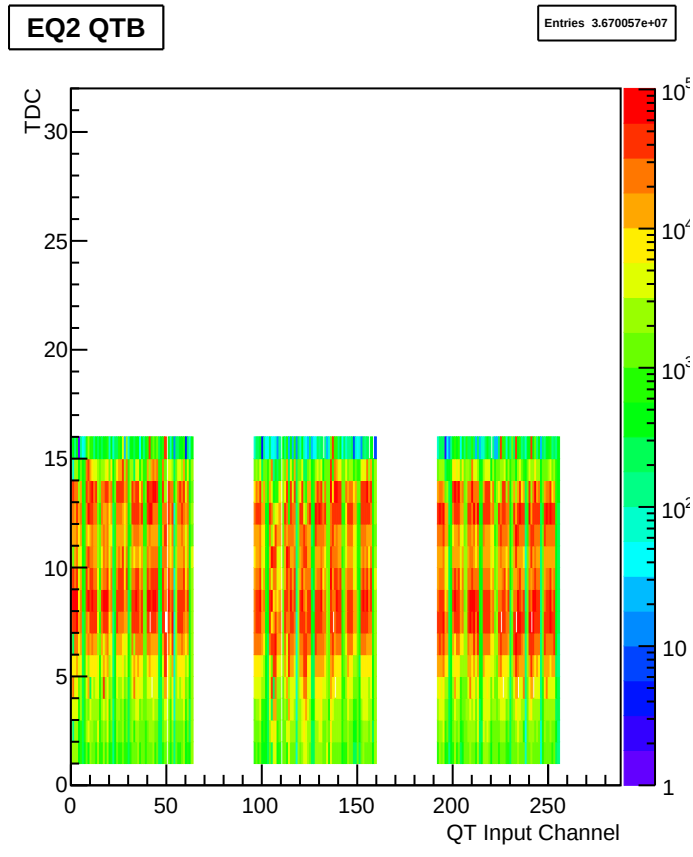

EQ1 QTB
Entries 1.435311e+08
ADC
QT Input Channel

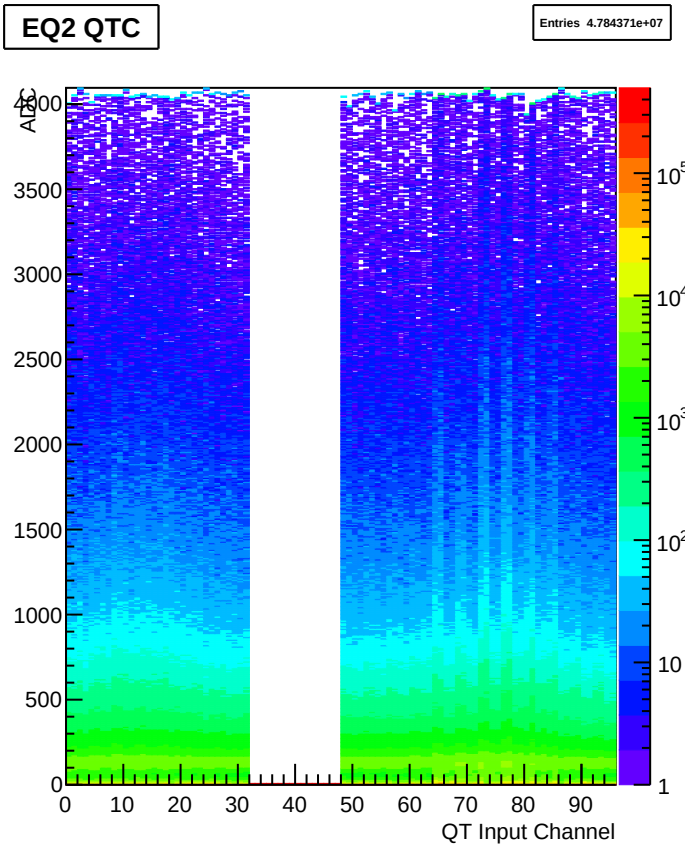

EQ1 QTB
Entries 4.908514e+07
TDC
QT Input Channel

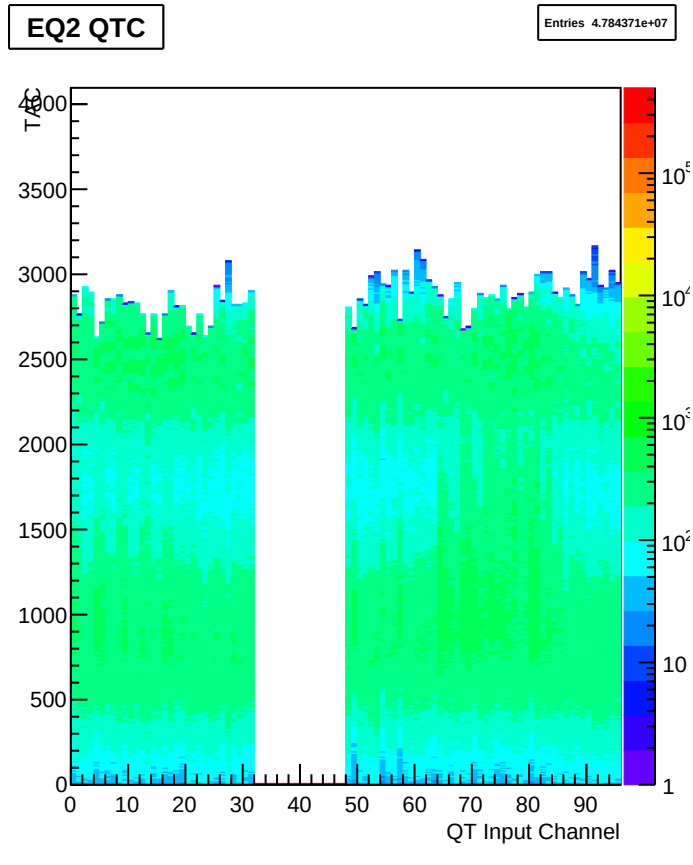

EQ1 QTC
Entries 4.784371e+07
ADC
QT Input Channel

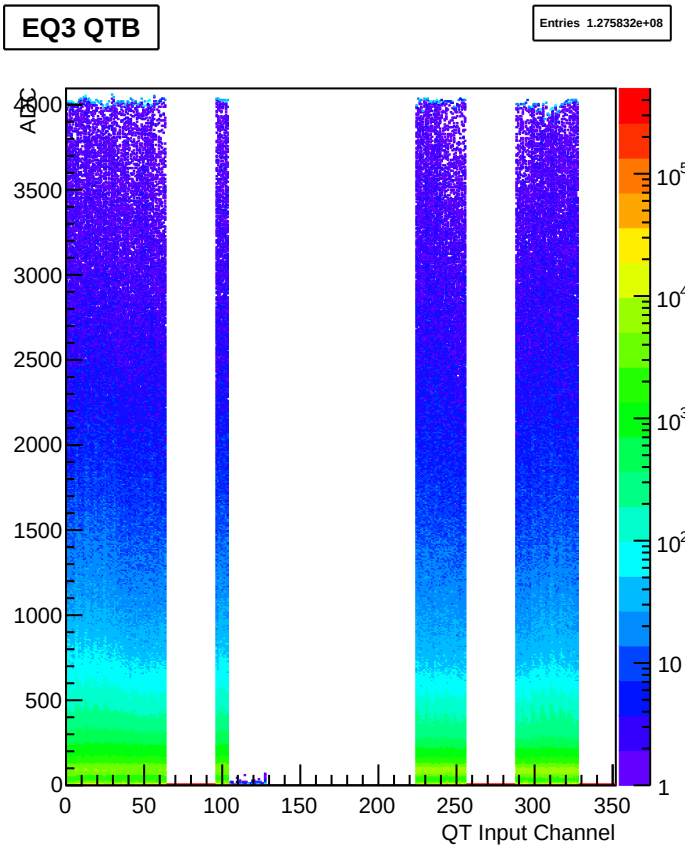

EQ1 QTC
Entries 4.784371e+07
TADC
QT Input Channel

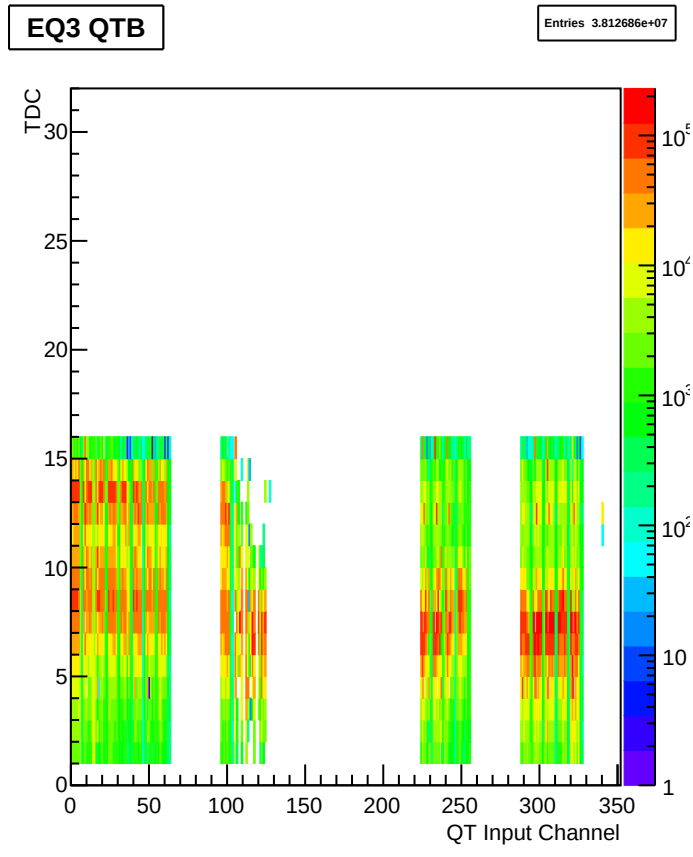

EQ2 QTB
Entries 1.435311e+08
ADC
QT Input Channel

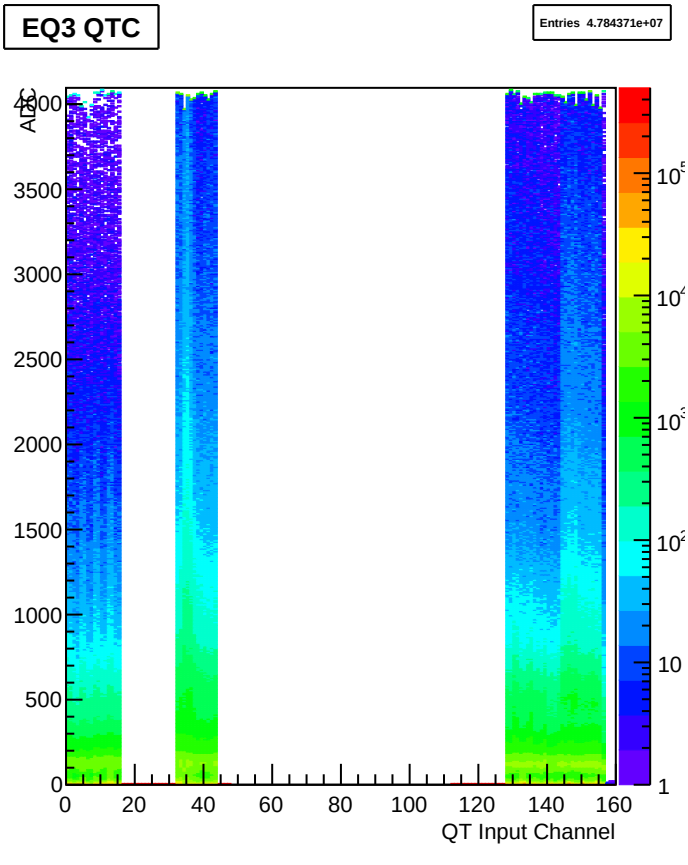

EQ2 QTB
Entries 3.670057e+07
TDC
QT Input Channel

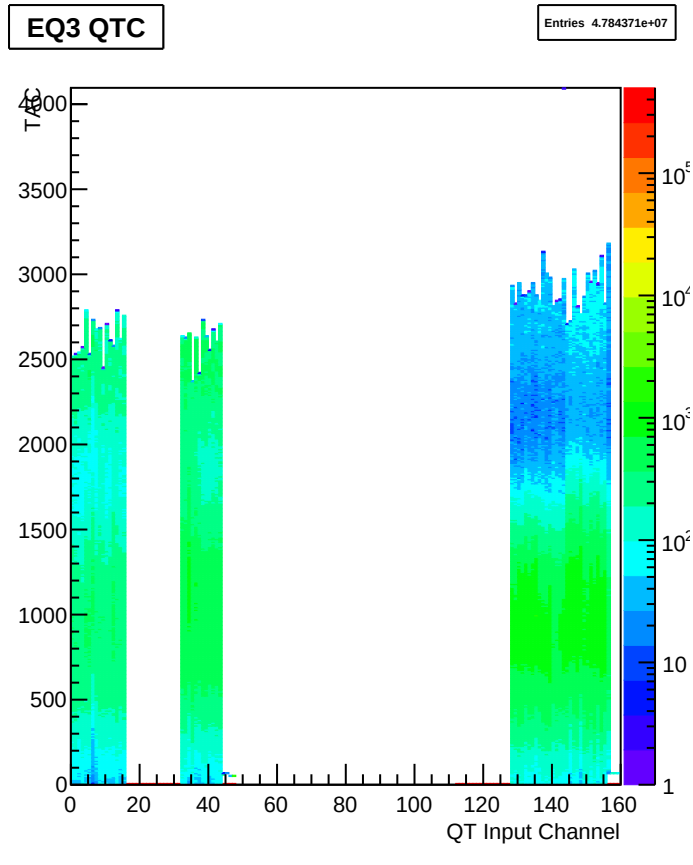

EQ2 QTC
Entries 4.784371e+07
ADC
QT Input Channel

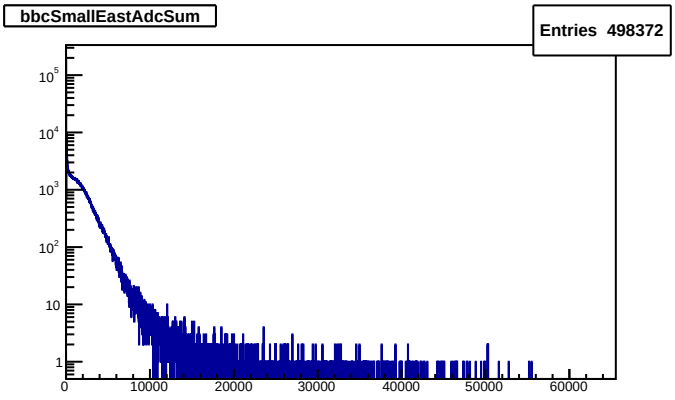

EQ2 QTC
Entries 4.784371e+07
TADC
QT Input Channel

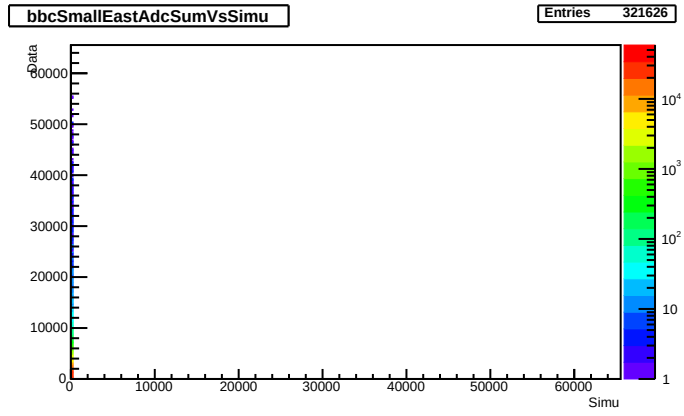

EQ3 QTB
Entries 1.275832e+08
ADC
QT Input Channel

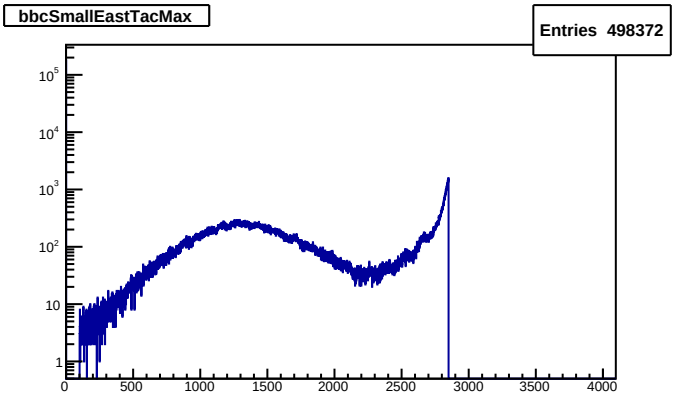

EQ3 QTB
Entries 3.812686e+07
TDC
QT Input Channel

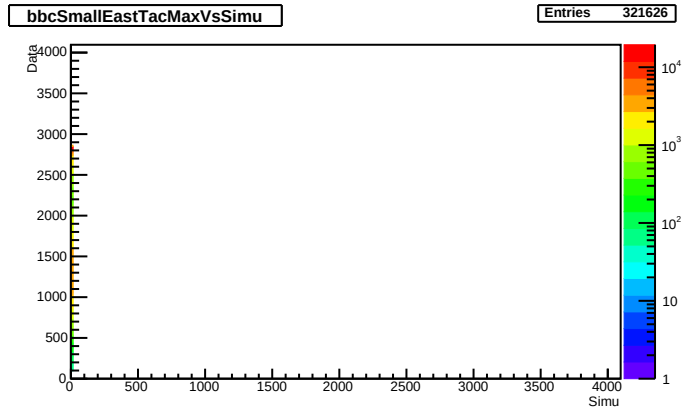

EQ3 QTC
Entries 4.784371e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.784371e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 498372


bbcSmallEastAdcSumVsSimu
Entries 321626
Data
Simu


bbcSmallEastTacMax
Entries 498372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Entries 321626
Data
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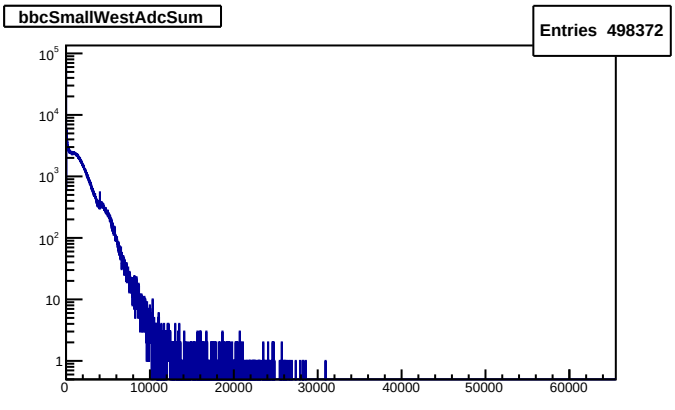
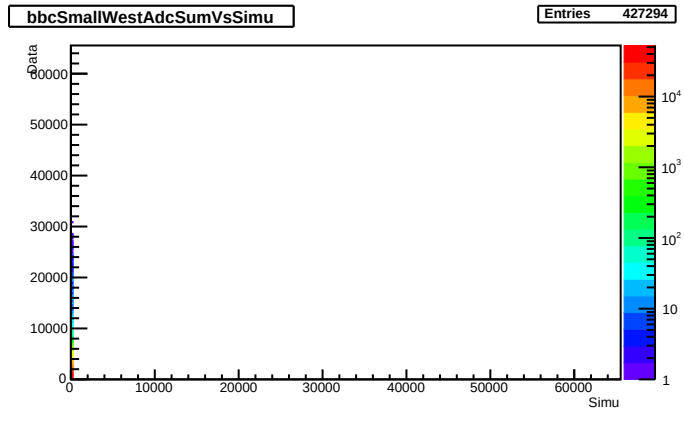

bbcSmallWestAdcSum
Entries 498372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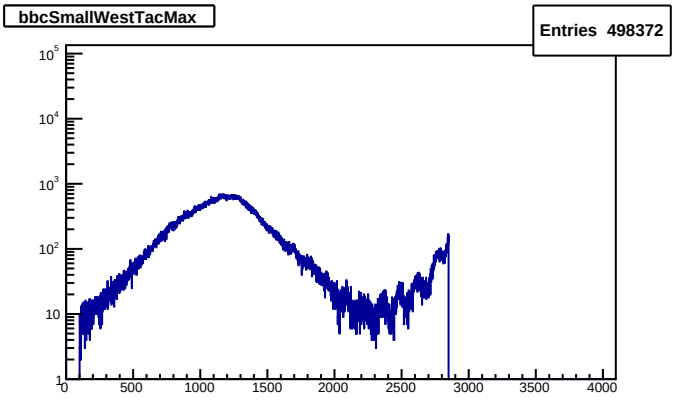
Entries 427294
Data
Simu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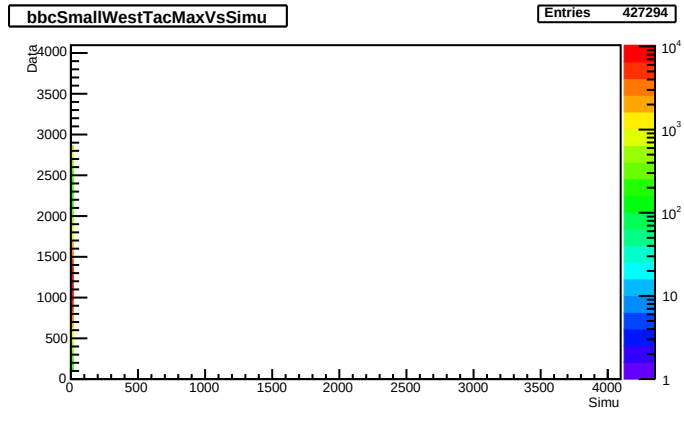
Entries 498372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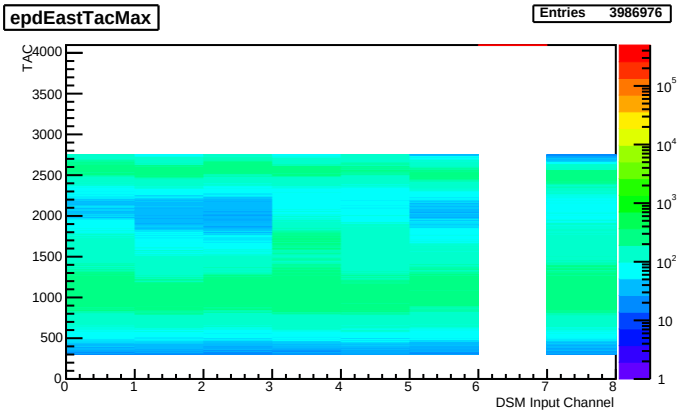
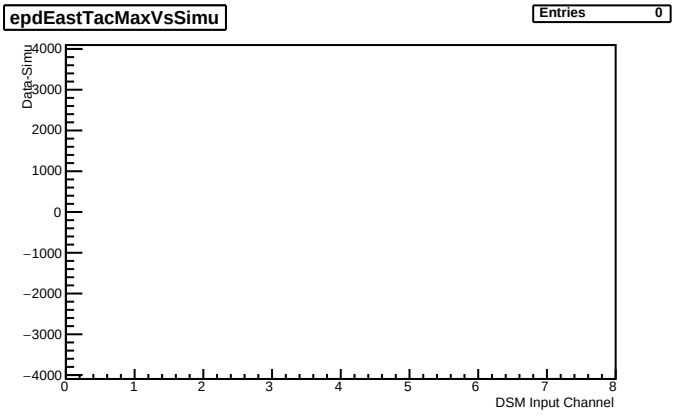
Entries 427294
Data
Simu


epdEastTacMax
Entries 3986976
TAC
DSM Input Channel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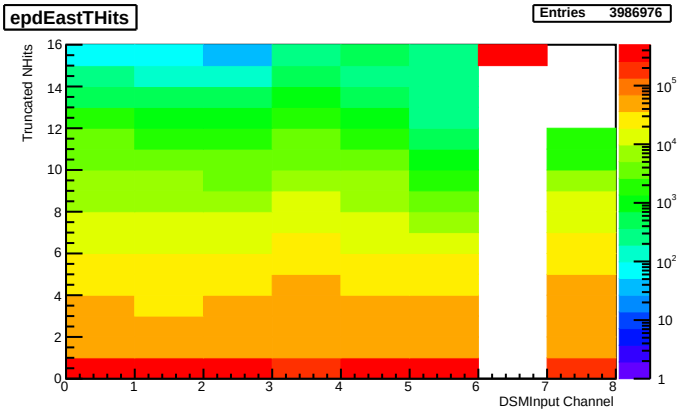
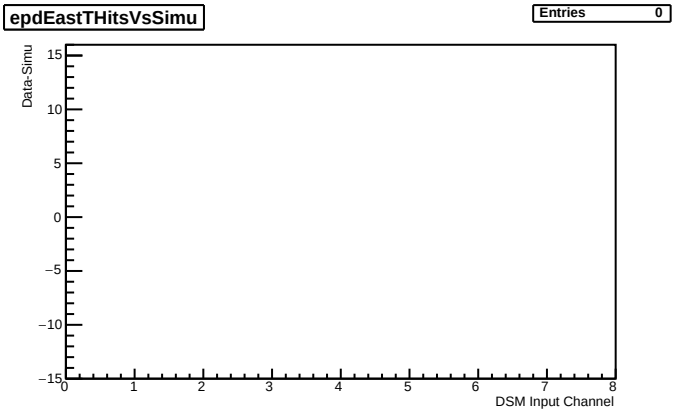
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3986976
Truncated NHits
DSMInput Channel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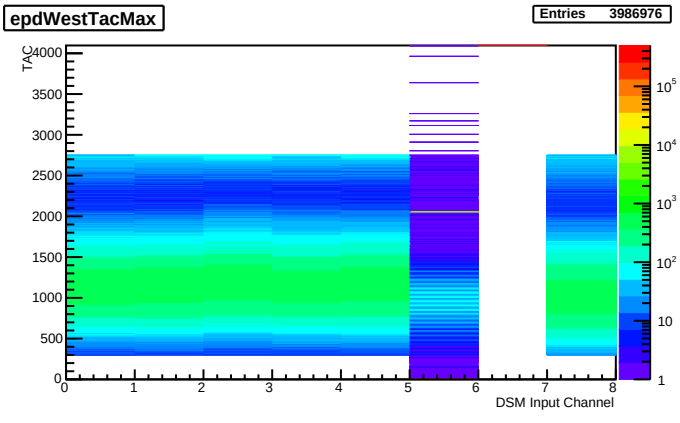
DSM Input Channel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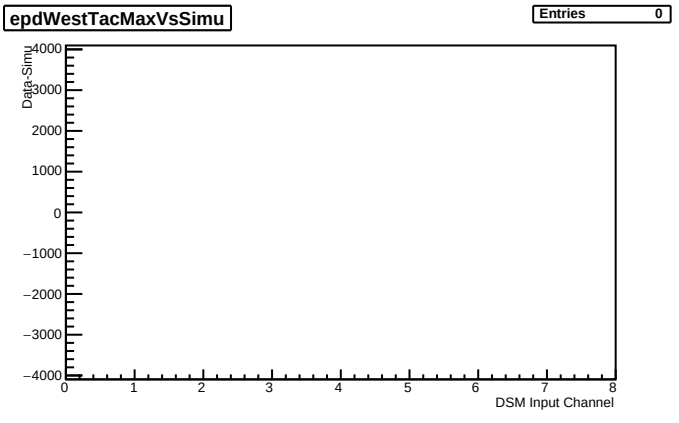
Entries 3986976
TAC
DSM Input Channel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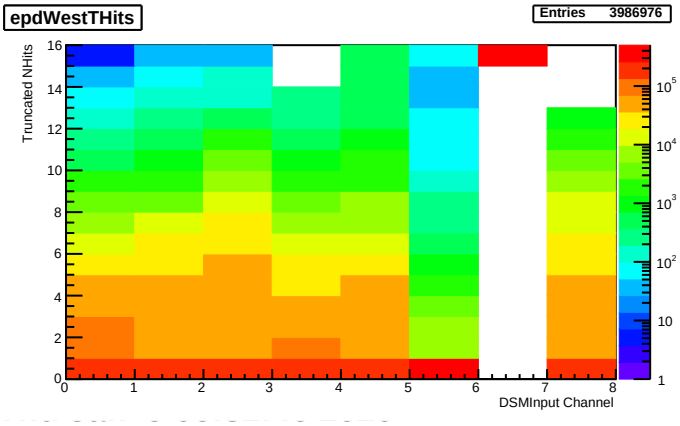
DSM Input Channel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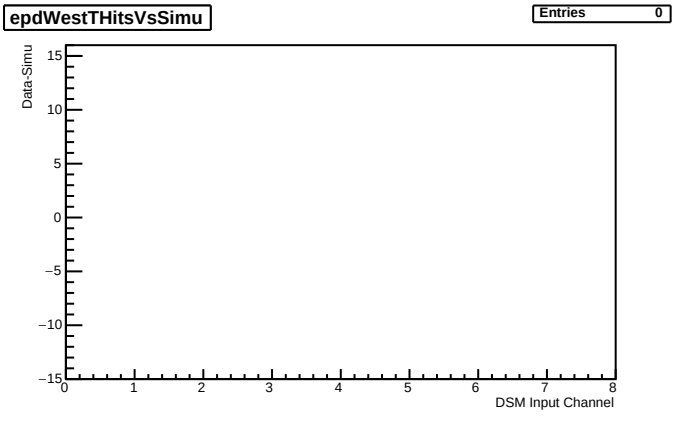
Entries 3986976
Truncated NHits
DSMInput Channel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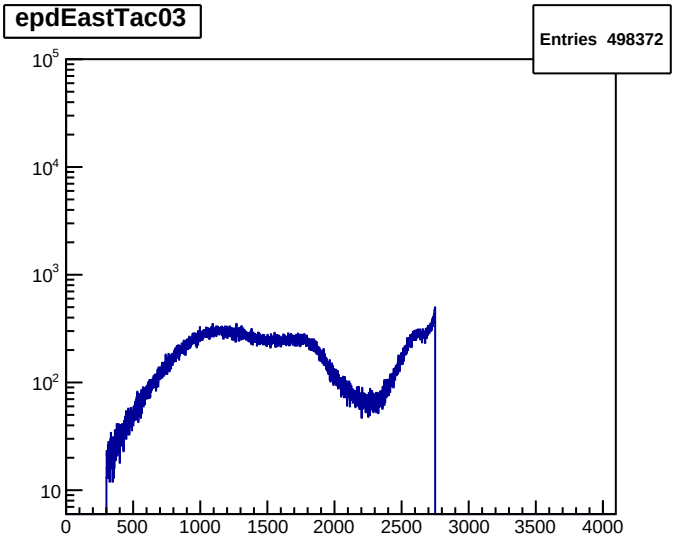
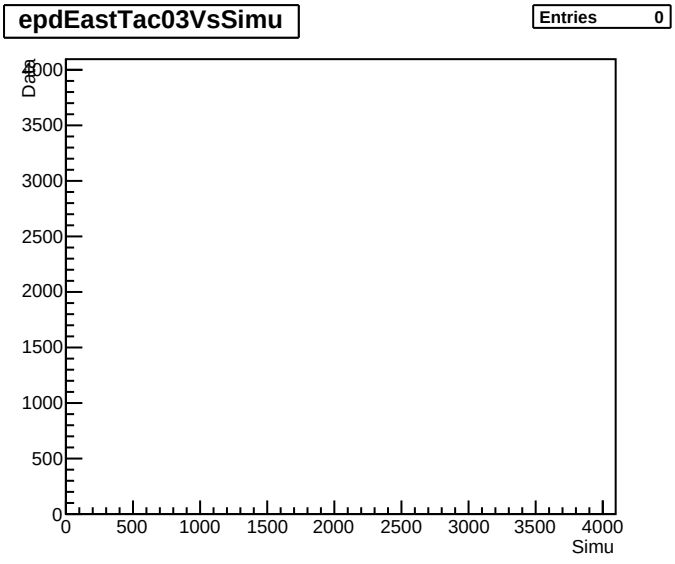
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 498372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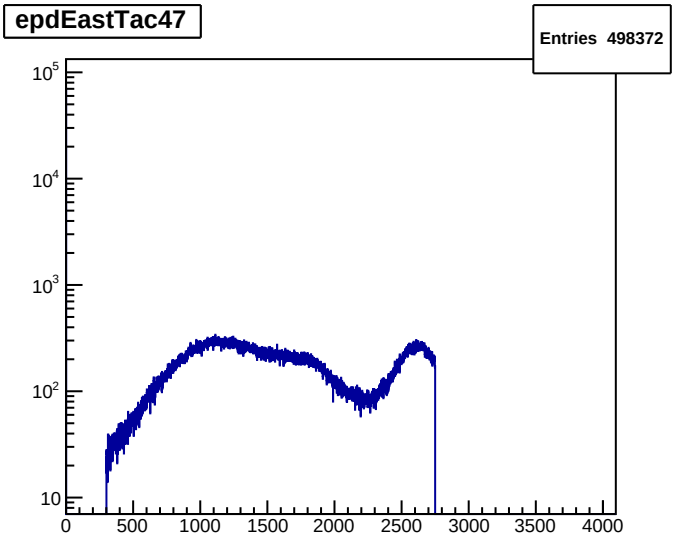
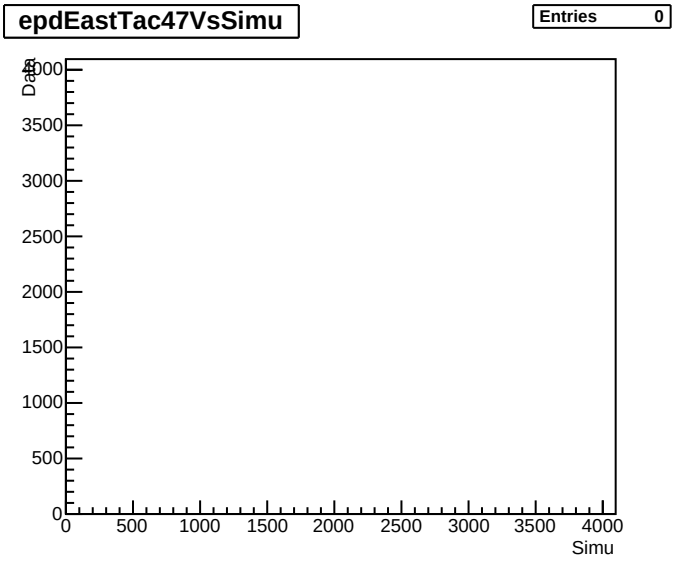
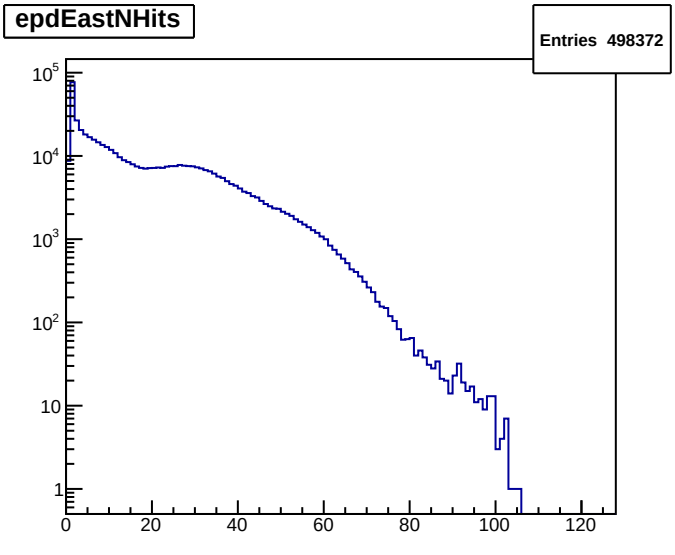
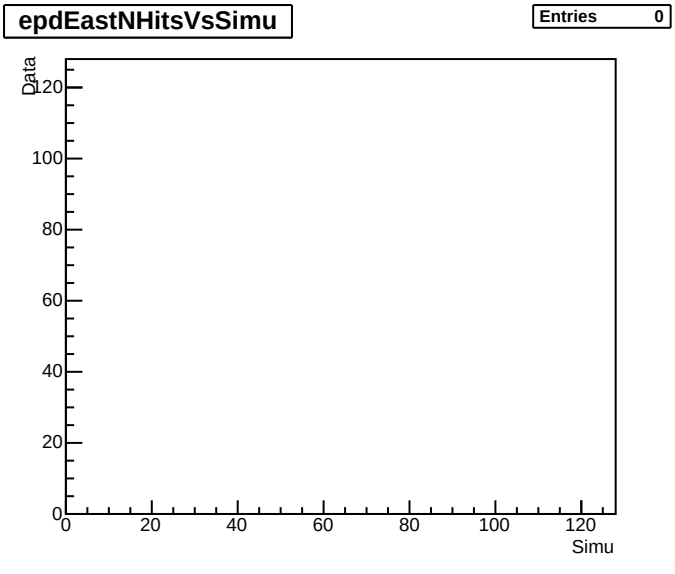
Entries 0
Data
Simu


epdEastTac47
Entries 498372


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 498372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Data
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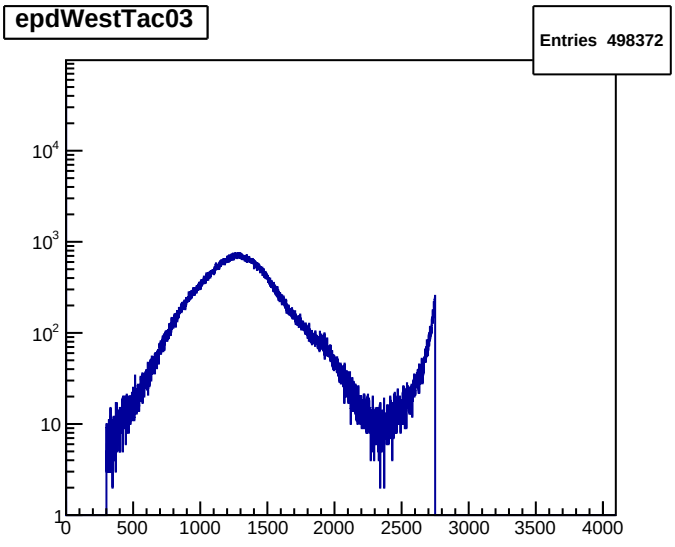
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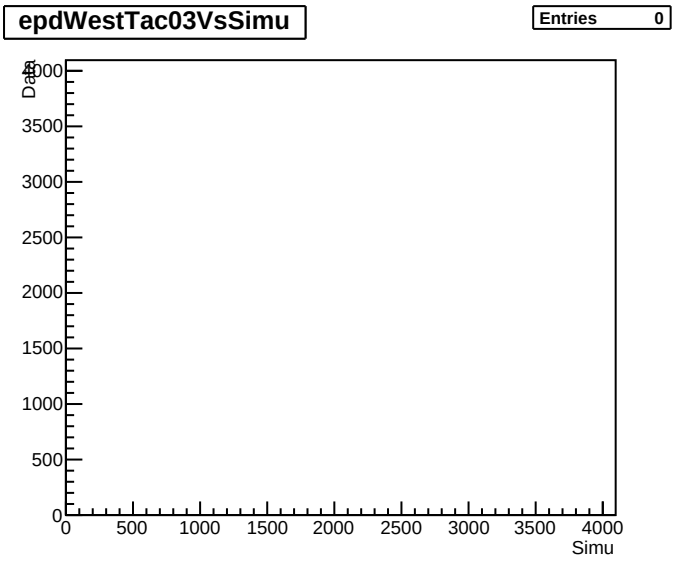
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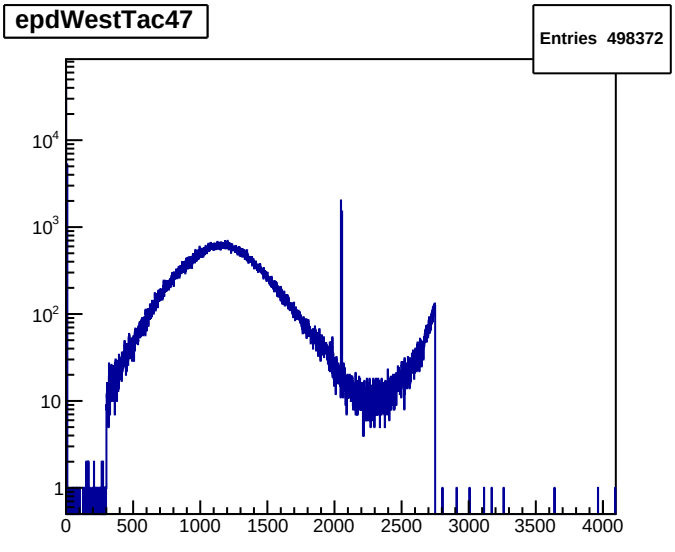
Data
Simu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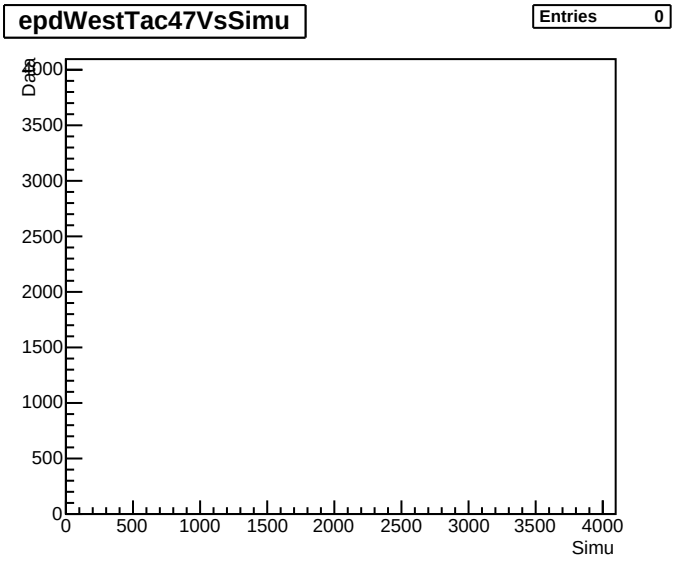
Entries 498372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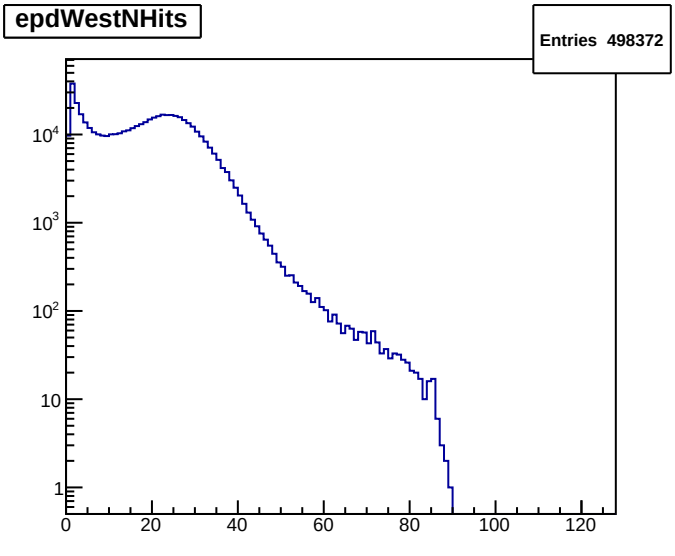
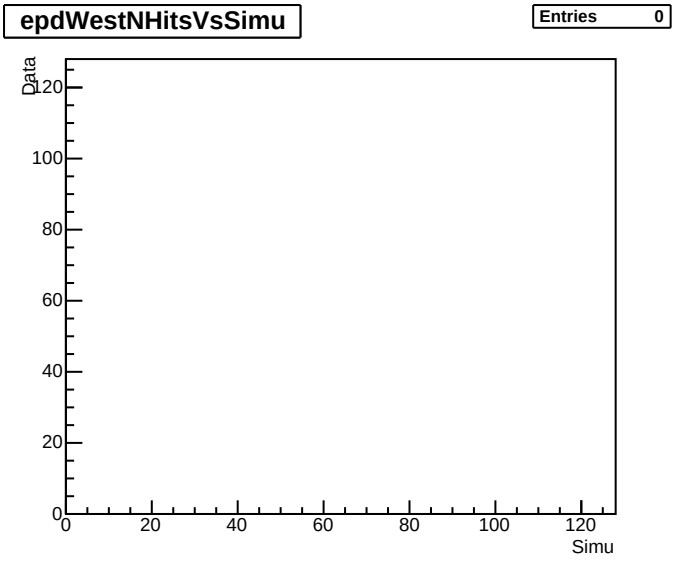
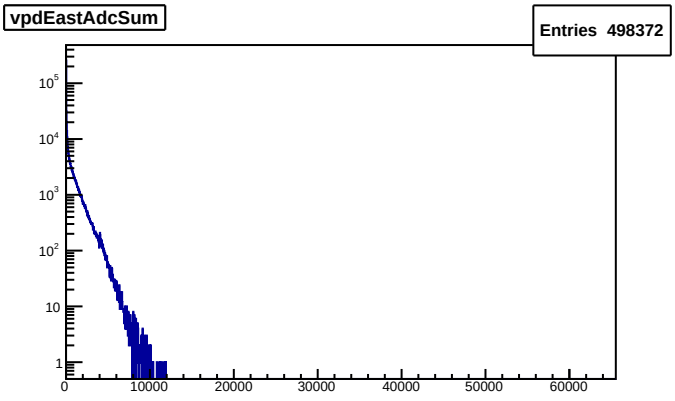
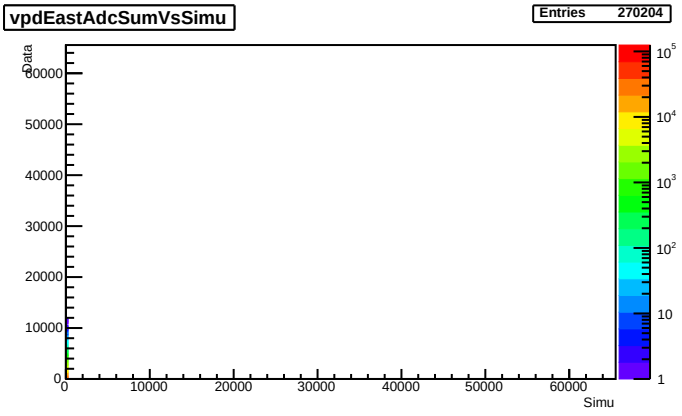
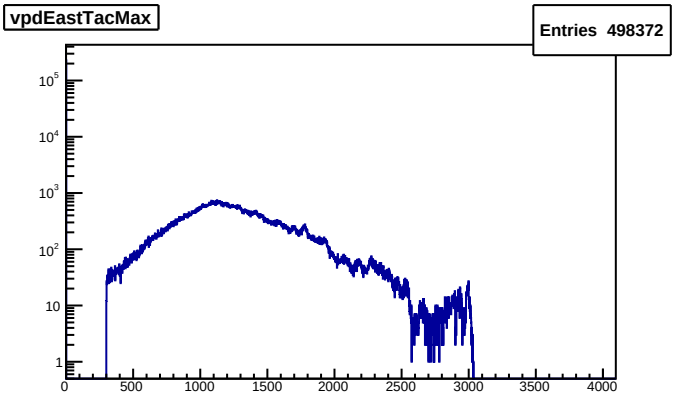
Entries 0
Data
Simu

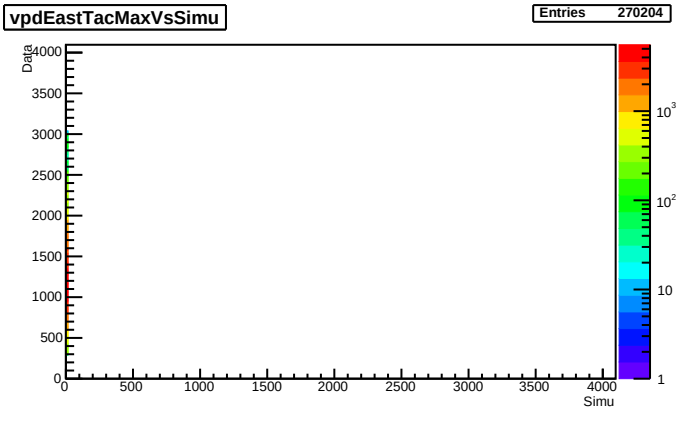

epdWestNHits
Entries 498372

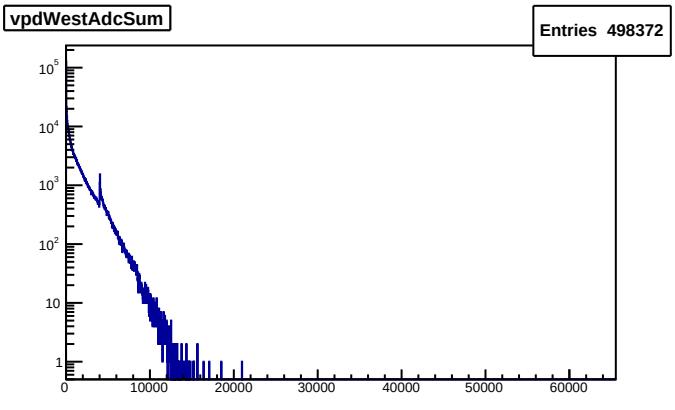

epdWestNHitsVsSimu
Entries 0
Data
Simu

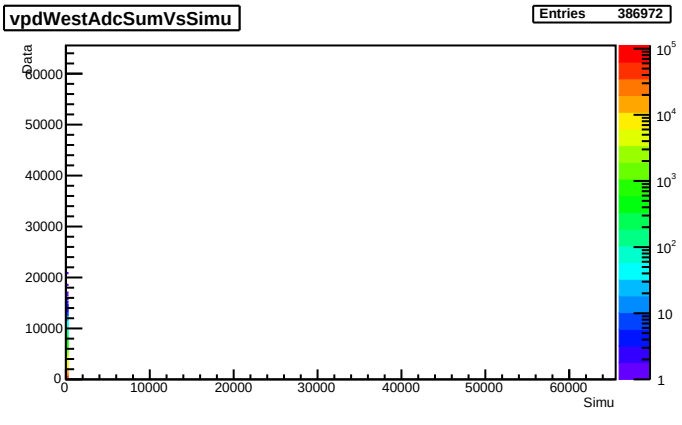

vpdEastAdcSum
Entries 498372

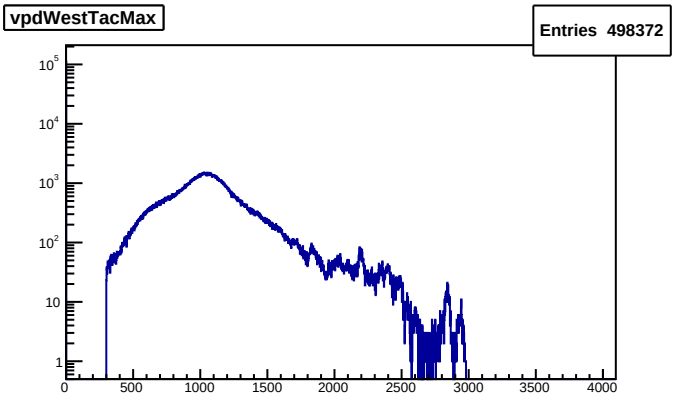

vpdEastAdcSumVsSimu
Entries 270204
Data
Simu

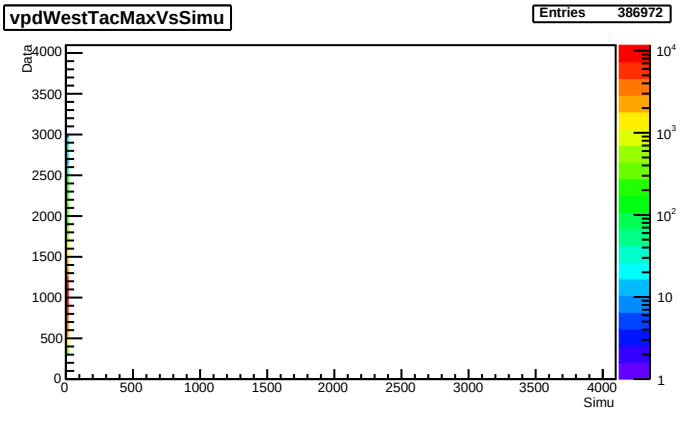

vpdEastTacMax
Entries 498372

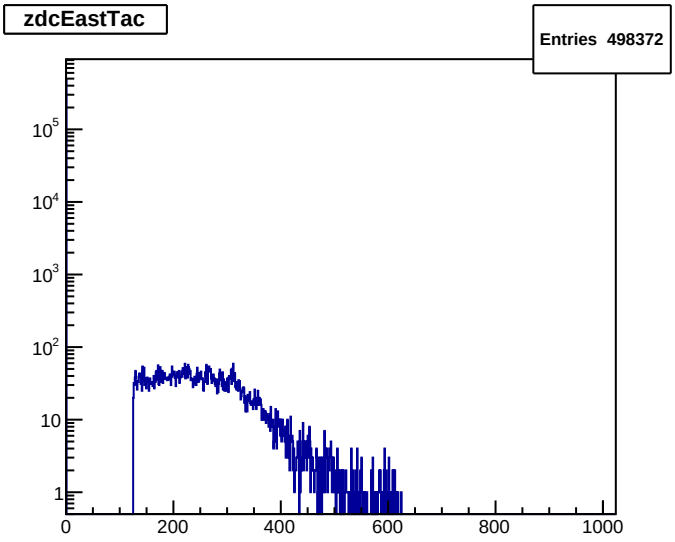

vpdEastTacMaxVsSimu
Entries 270204
Data
Simu

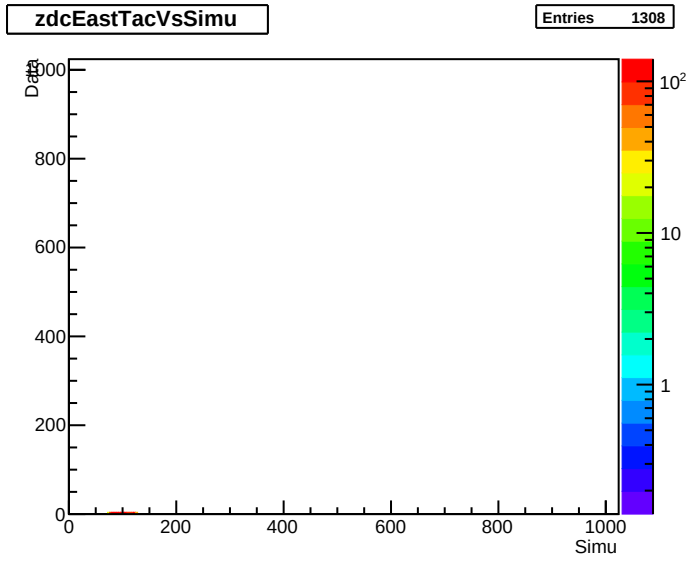

vpdWestAdcSum
Entries 498372

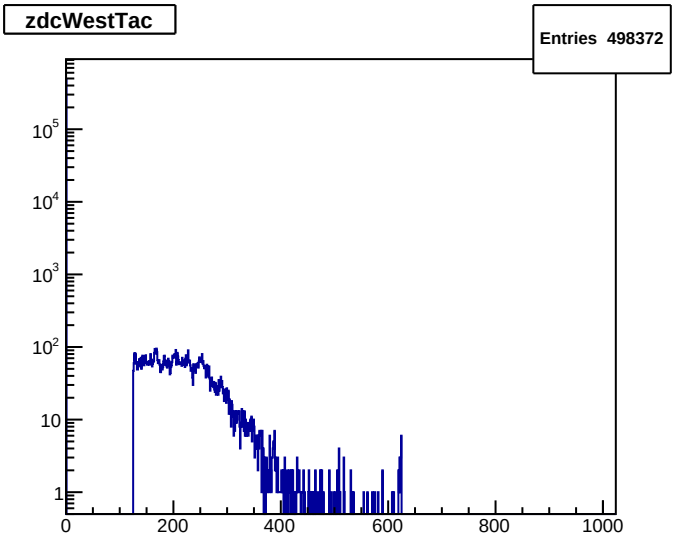

vpdWestAdcSumVsSimu
Entries 386972
Data
Simu

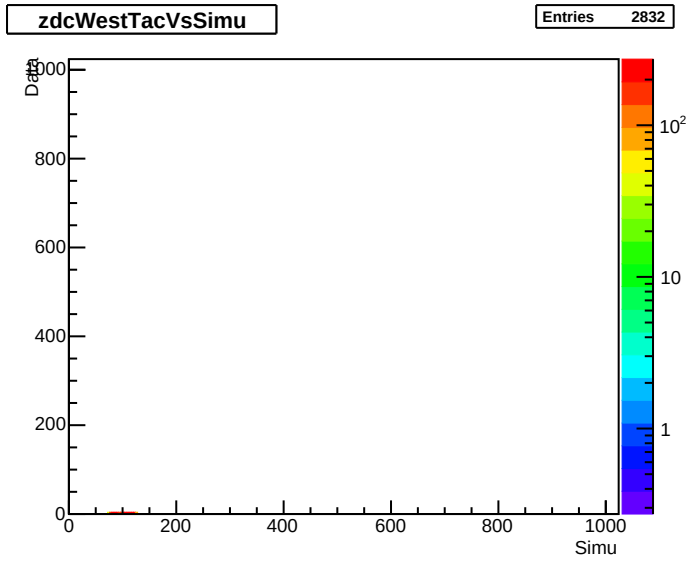

vpdWestTacMax
Entries 498372

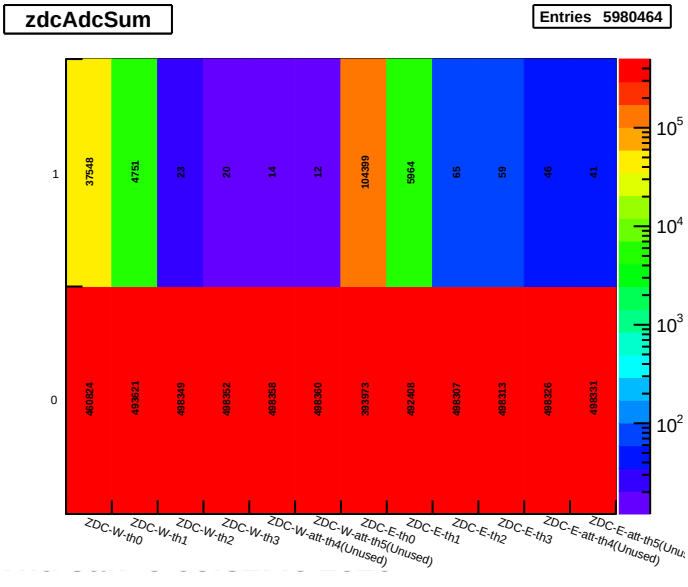

vpdWestTacMaxVsSimu
Entries 386972
Data
Simu

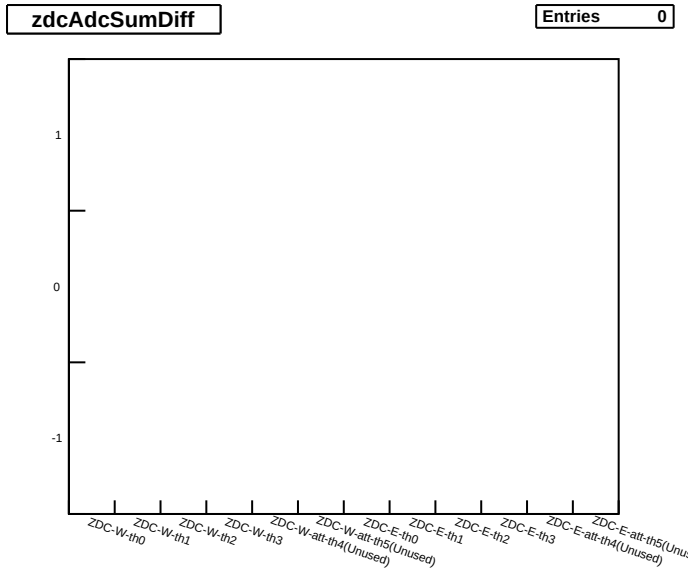

zdcEastTac
Entries 498372

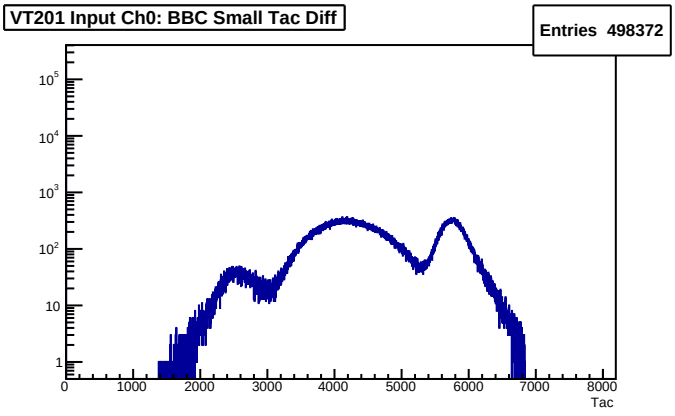

zdcEastTacVsSimu
Entries 1308
Data
Simu

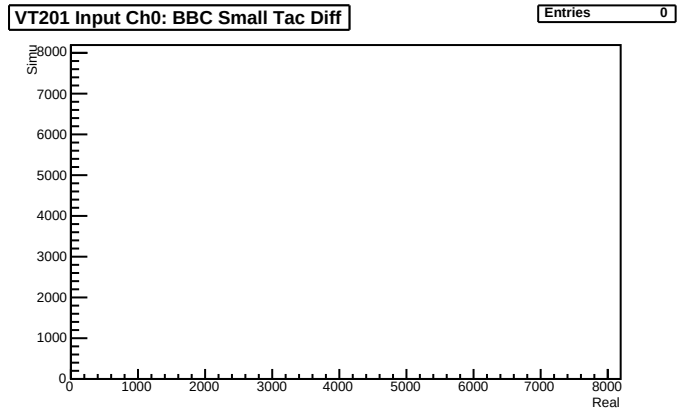

zdcWestTac
Entries 498372

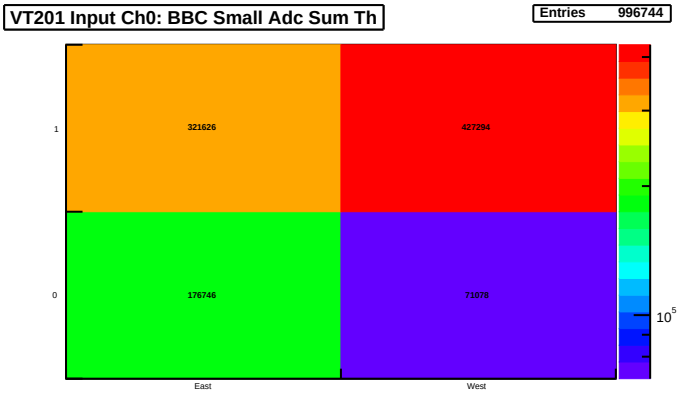

zdcWestTacVsSimu
Entries 2832
Data
Simu

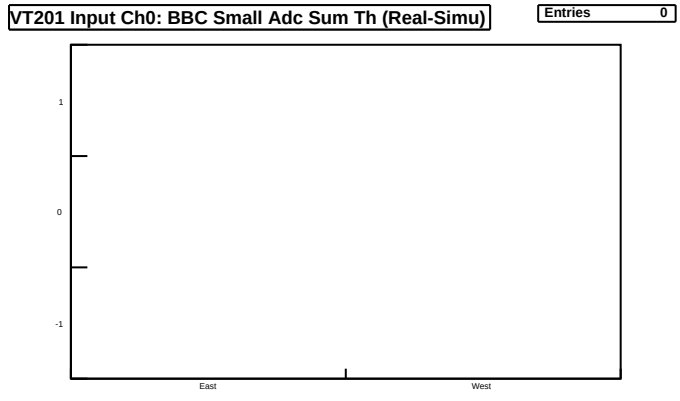

zdcAdcSum
Entries 5980464
37548
4751
23
20
14
12
104399
5964
65
59
46
41
460824
493621
498349
498352
498358
498360
393973
492406
498307
498313
498326
498331
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

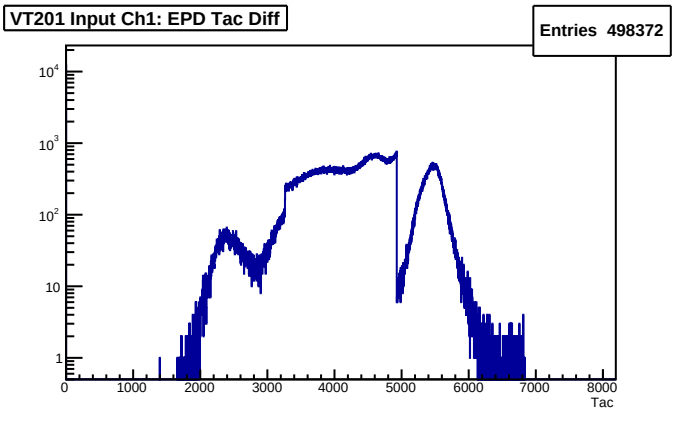

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

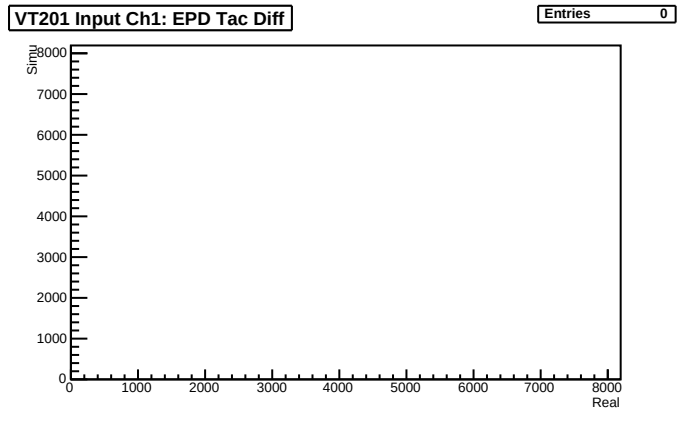

VT201 Input Ch0: BBC Small Tac Diff
Entries 498372
Tac

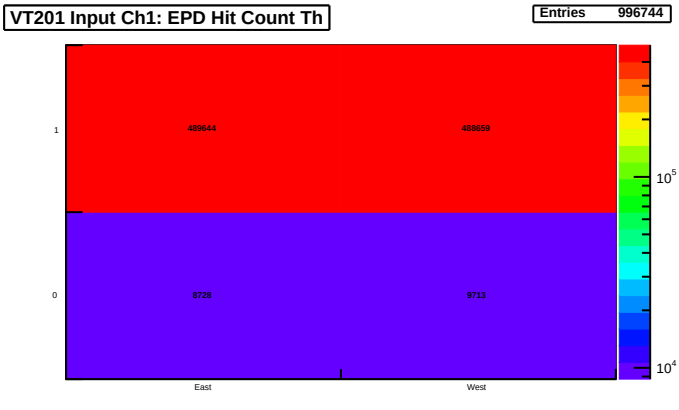

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

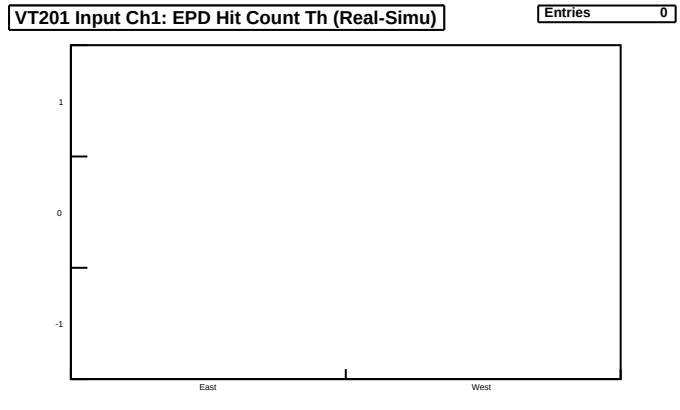

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 996744
321626
427294
176746
71078
East
West

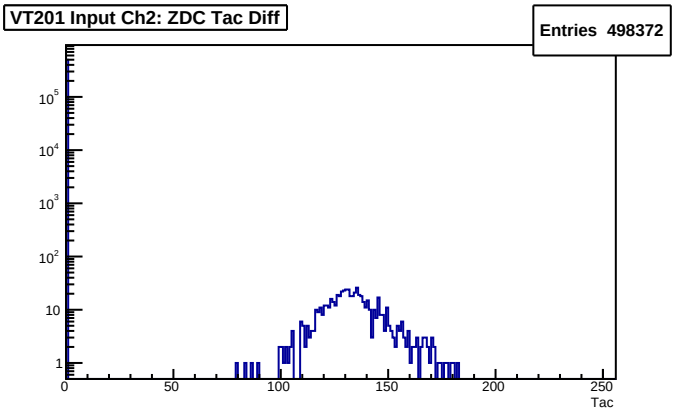

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

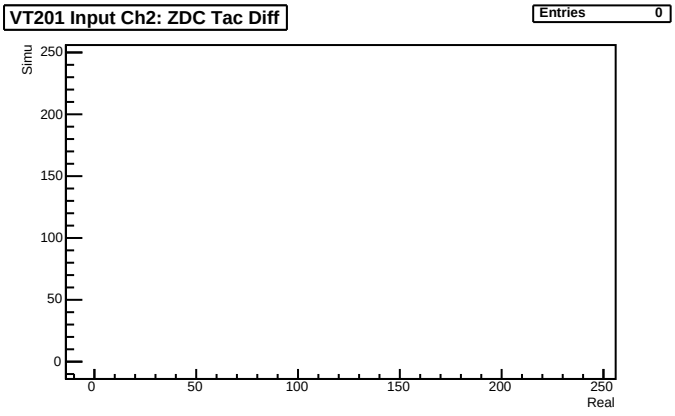

VT201 Input Ch1: EPD Tac Diff
Entries 498372
Tac

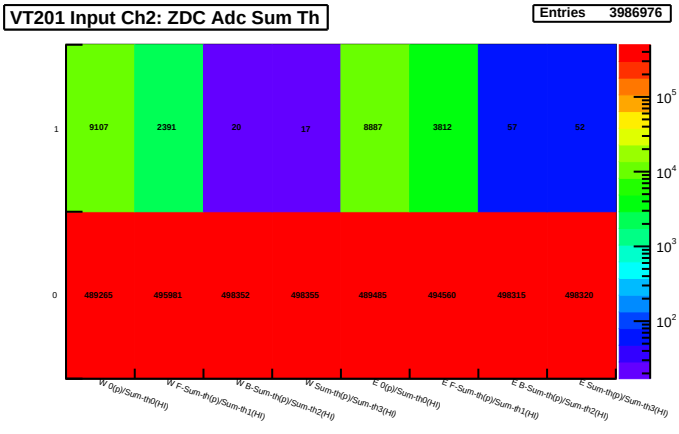

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

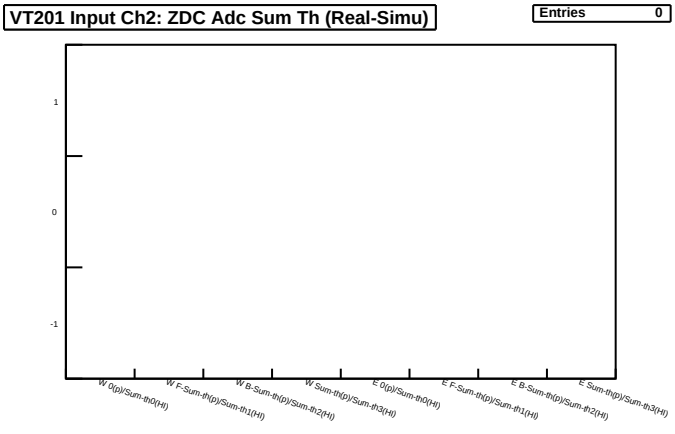

VT201 Input Ch1: EPD Hit Count Th
Entries 996744
489644
488659
8728
9713
East
West

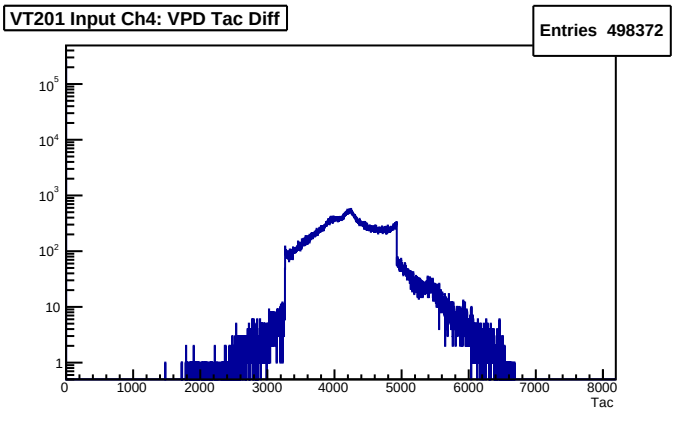

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

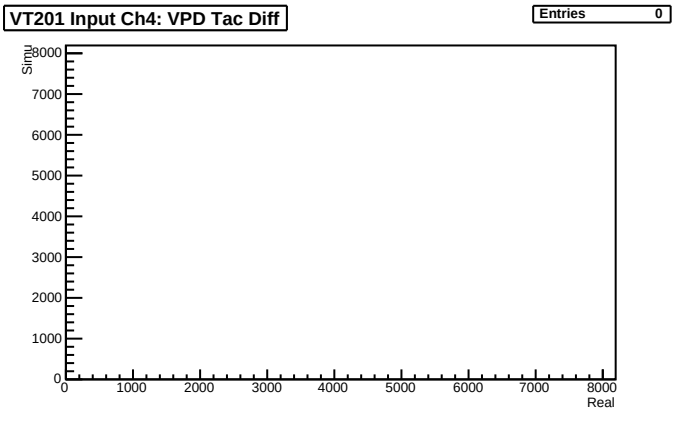

VT201 Input Ch2: ZDC Tac Diff
Entries 498372
Tac

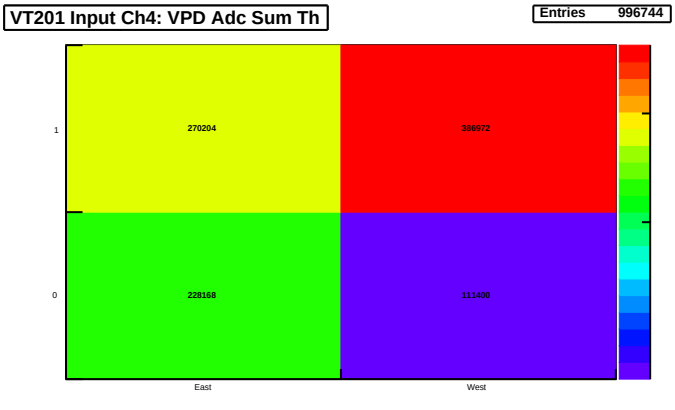

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

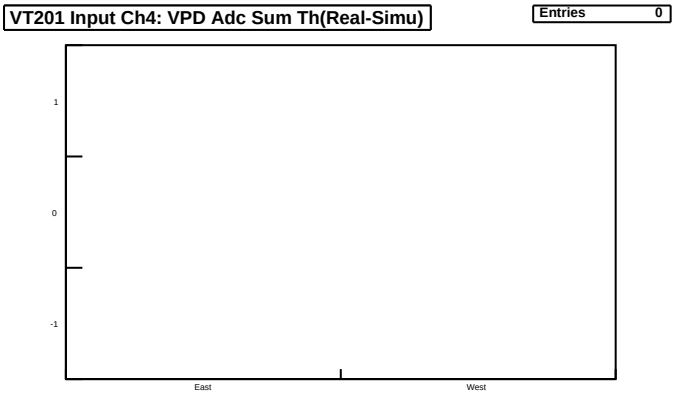

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3986976
9107
2391
20
17
8887
3812
57
52
489265
495981
498352
498355
489485
494560
498315
498320
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

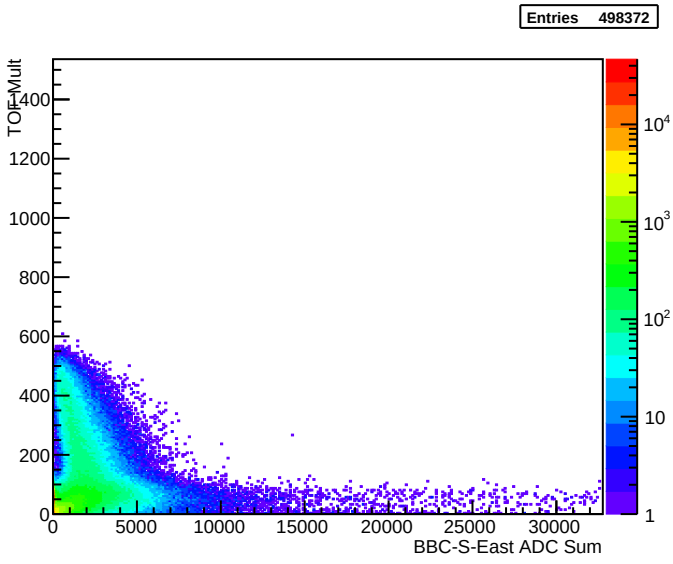

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

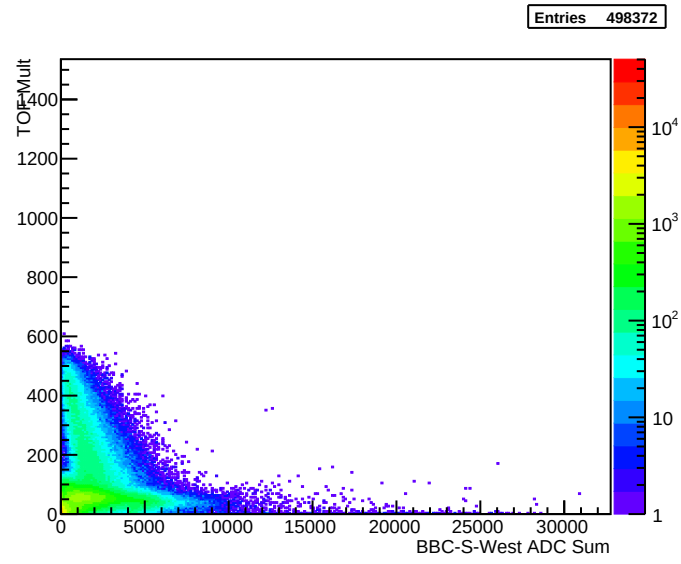

VT201 Input Ch4: VPD Tac Diff
Entries 498372
Tac

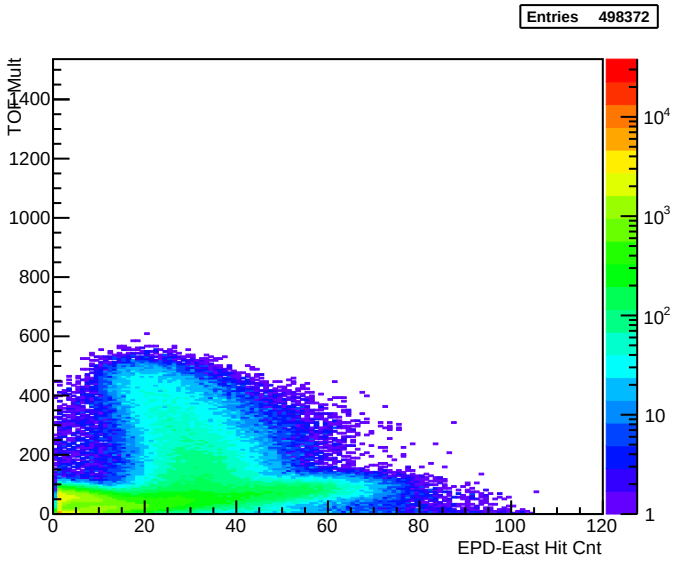

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

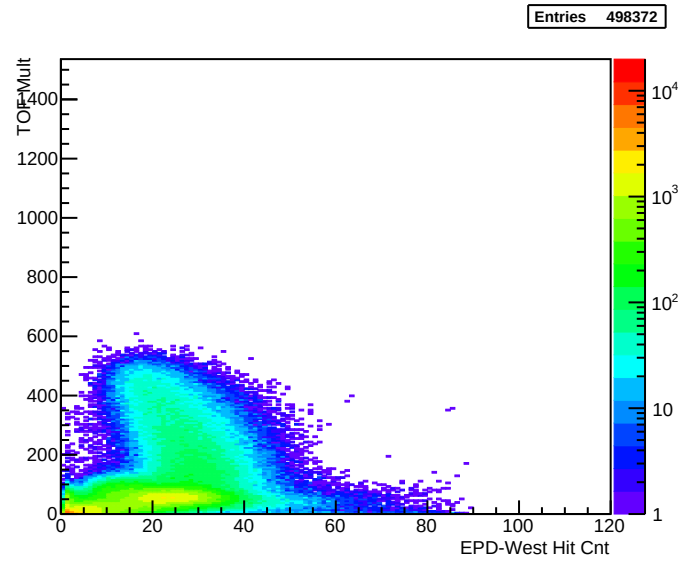

VT201 Input Ch4: VPD Adc Sum Th
Entries 996744
270204
380972
228168
111400
East
West

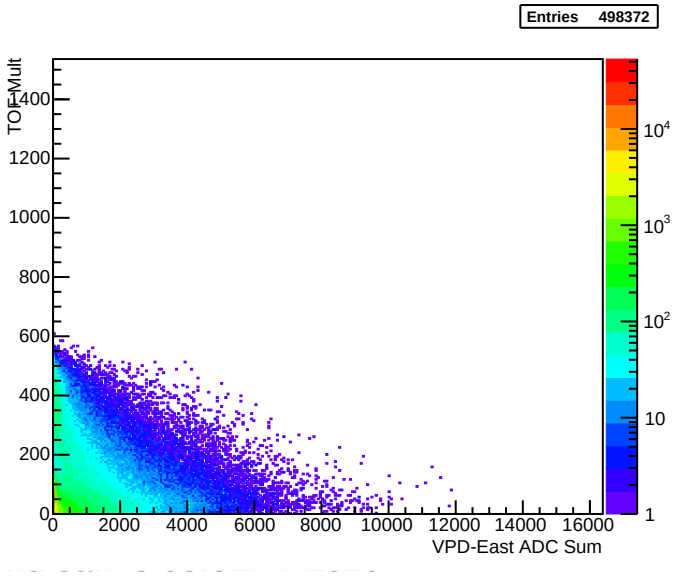

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

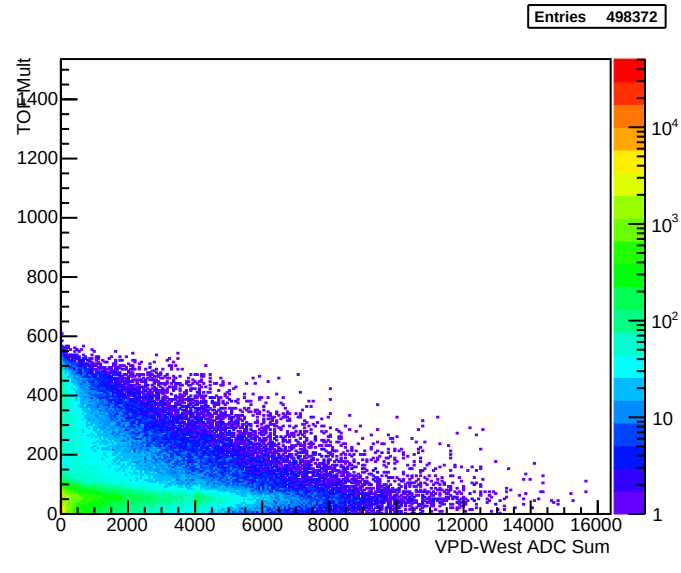

Entries 498372
TOF-Mult
BBC-S-East ADC Sum

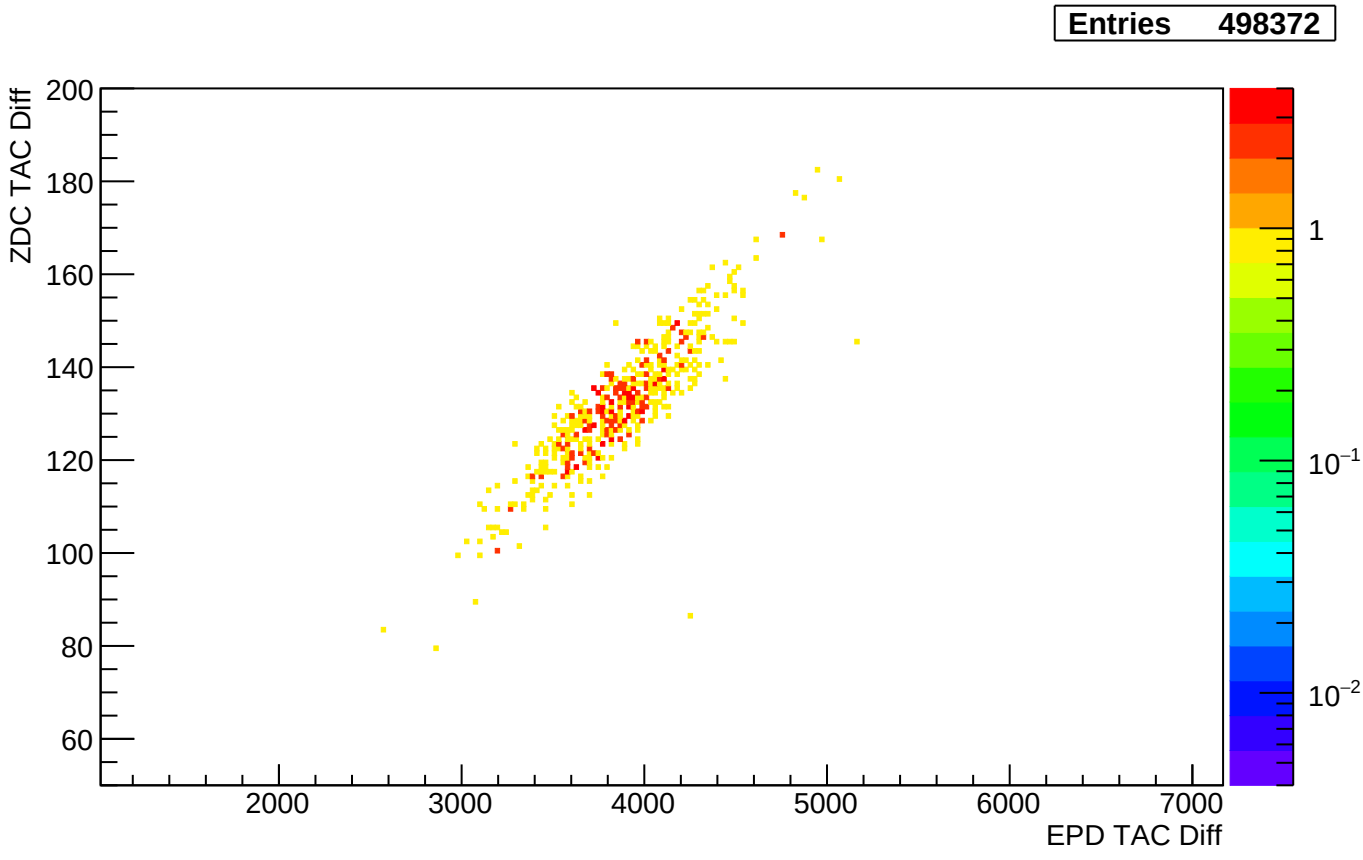

Entries 498372
TOF-Mult
BBC-S-West ADC Sum

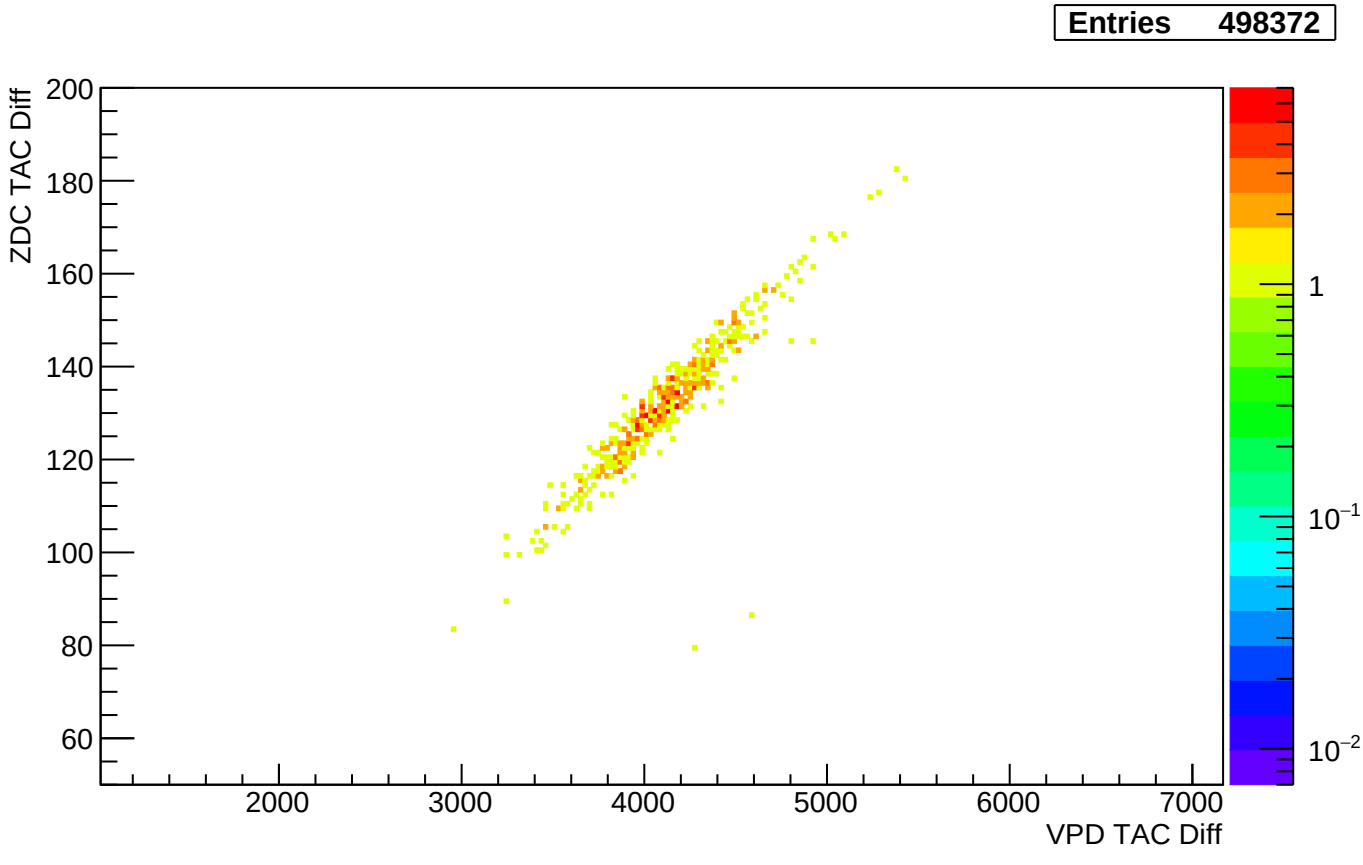

Entries 498372
TOF-Mult
EPD-East Hit Cnt

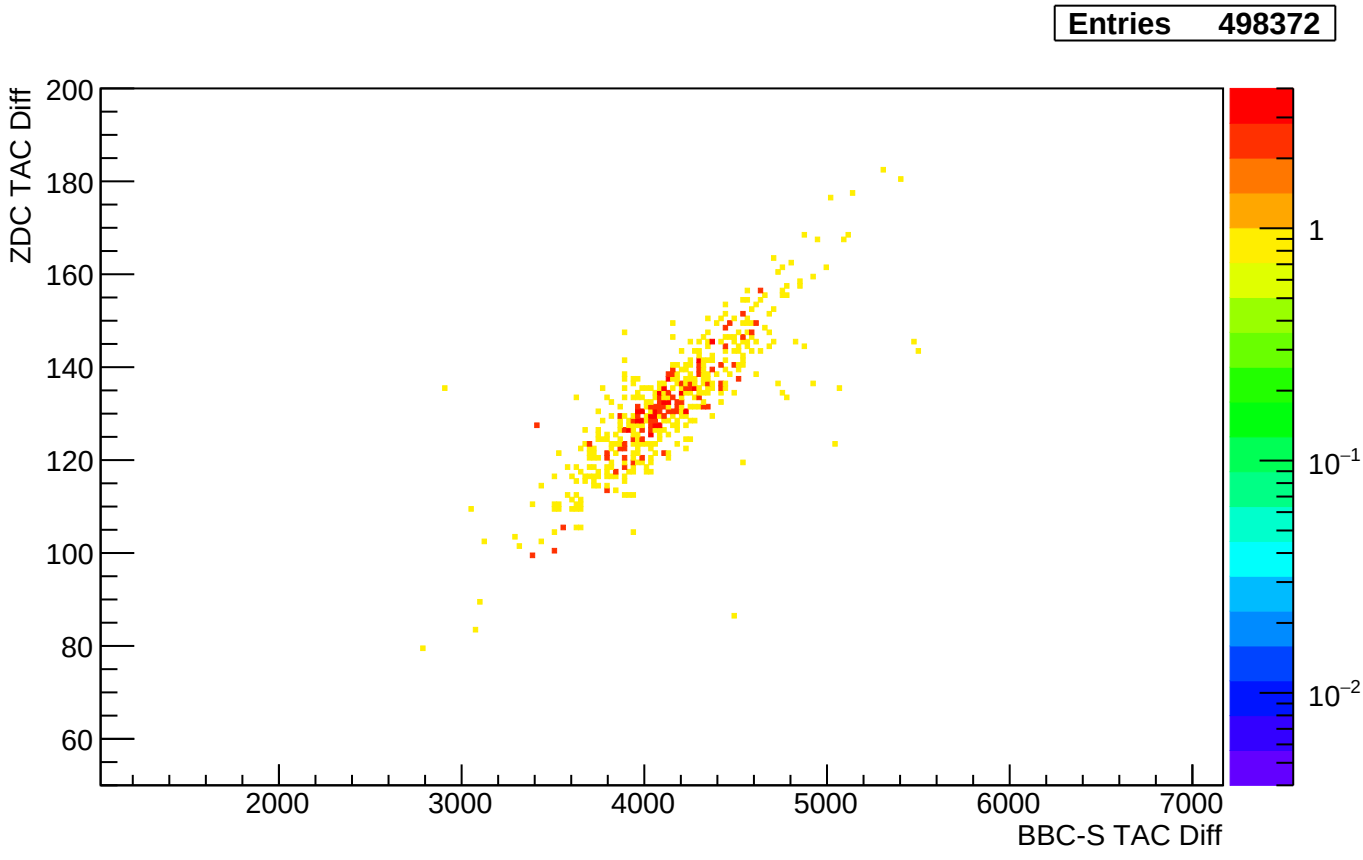

Entries 498372
TOF-Mult
EPD-West Hit Cnt

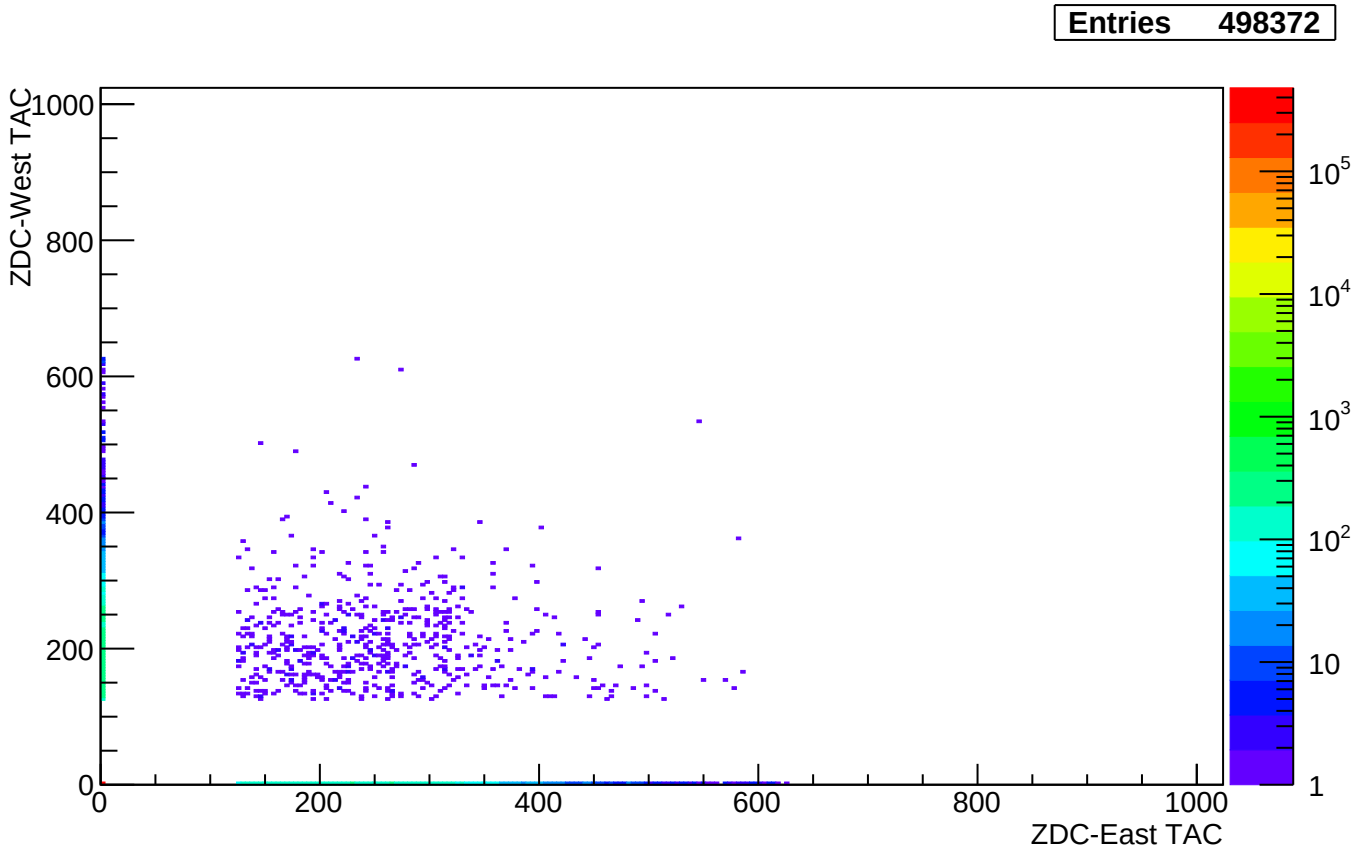

Entries 498372
TOF-Mult
VPD-East ADC Sum

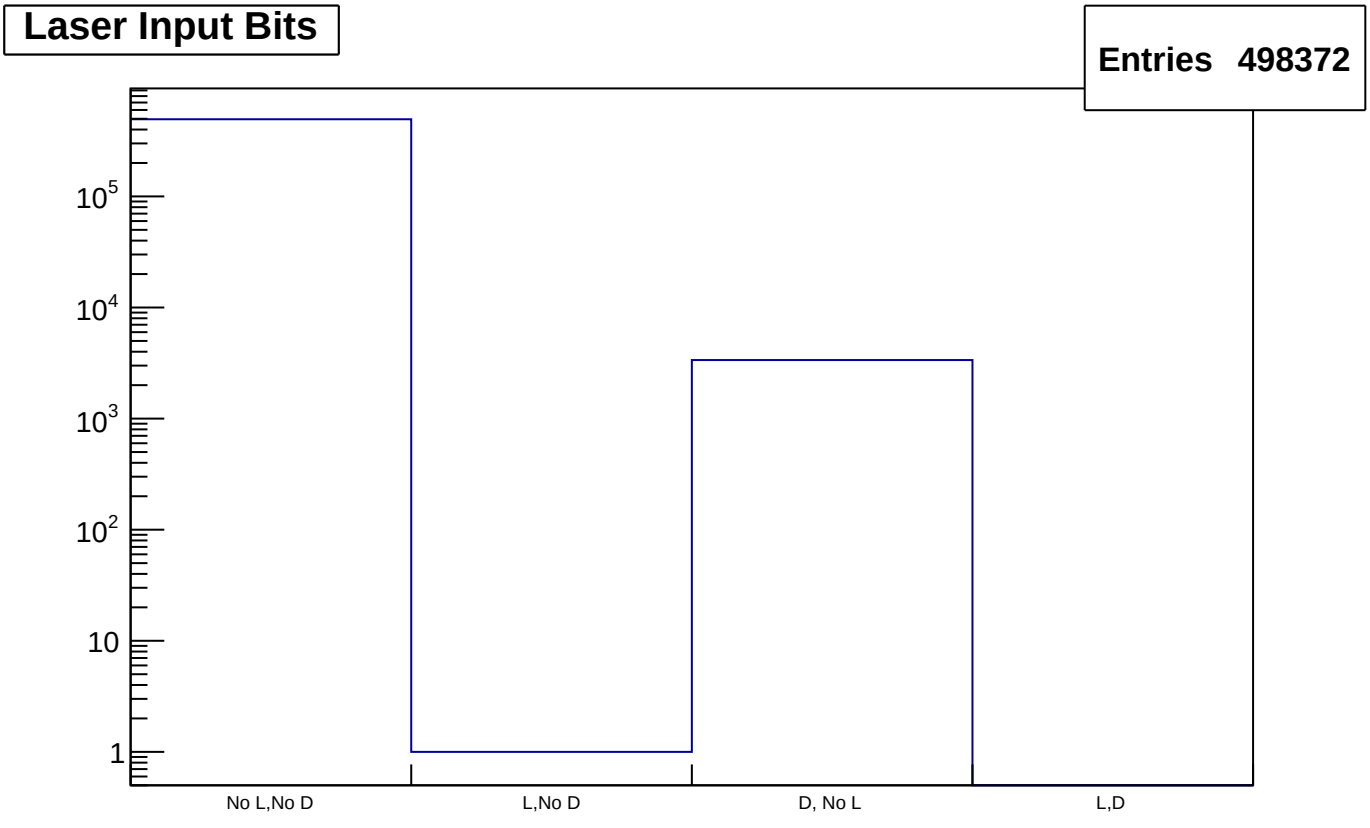

Entries 498372
TOF-Mult
VPD-West ADC Sum

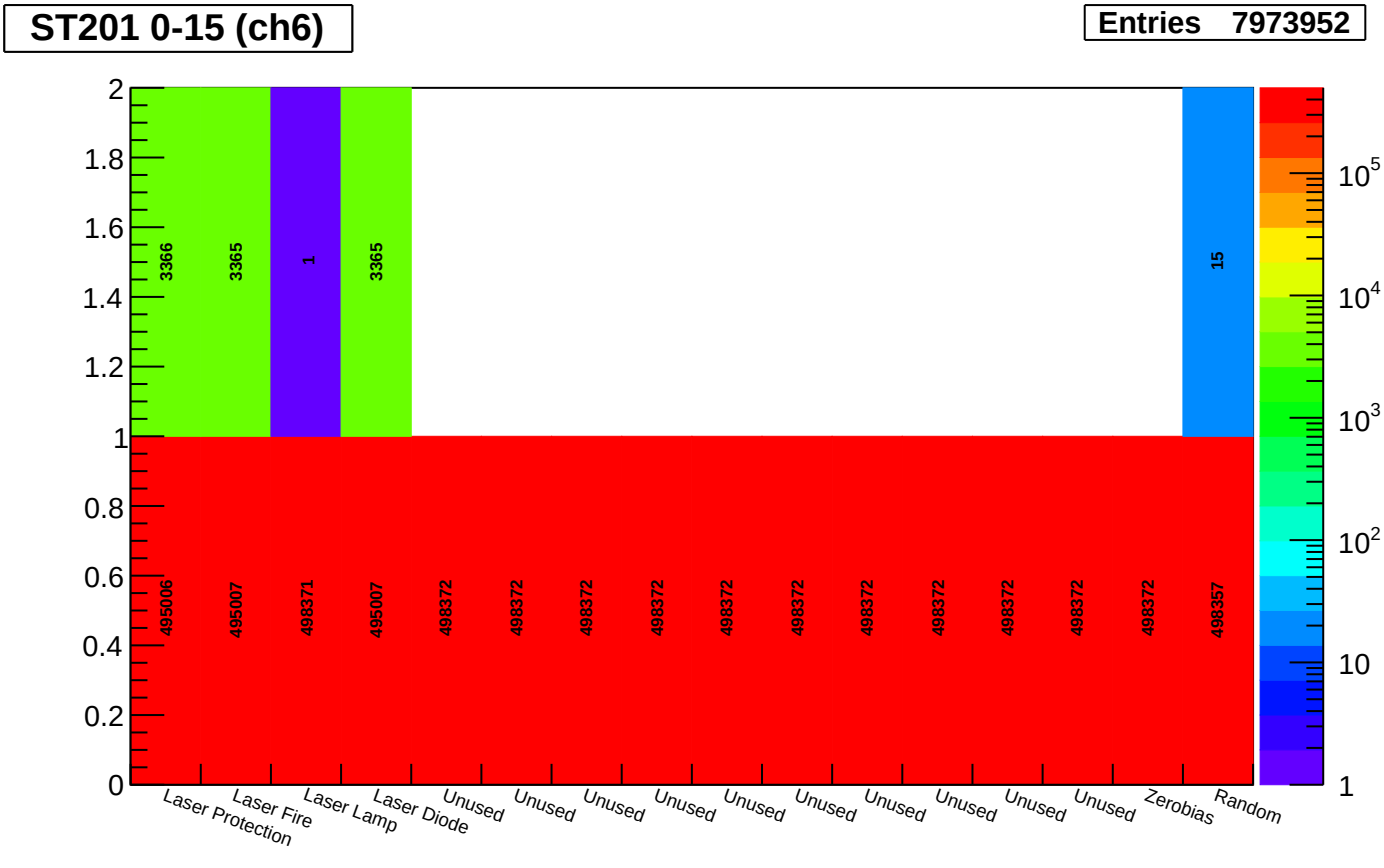

Entries 498372
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

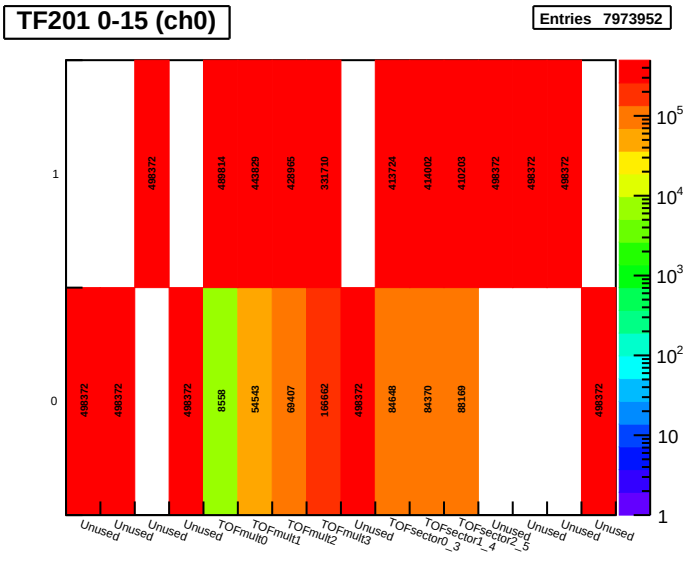

Entries 498372
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

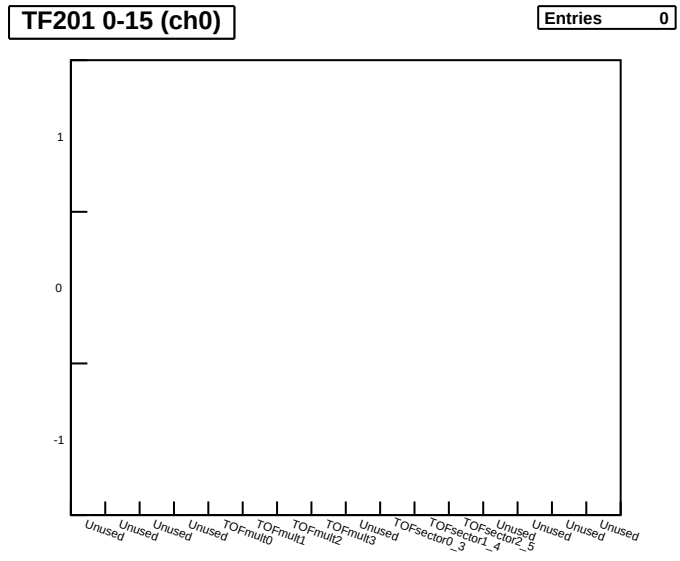

Entries 498372
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

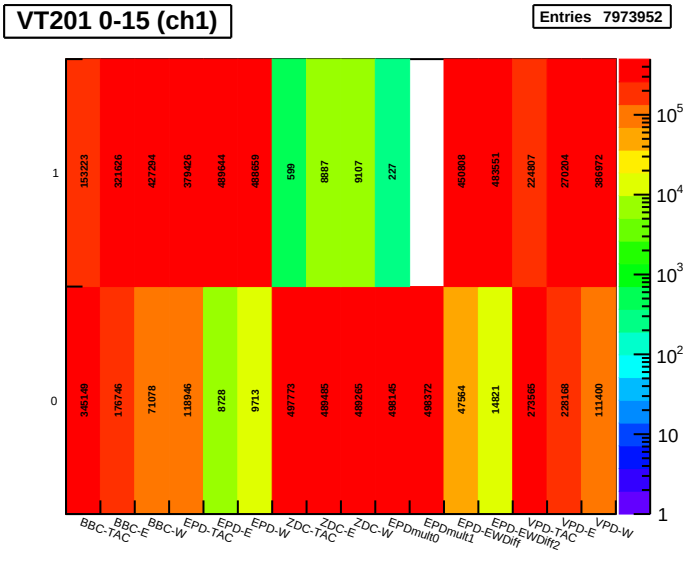

Entries 498372
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

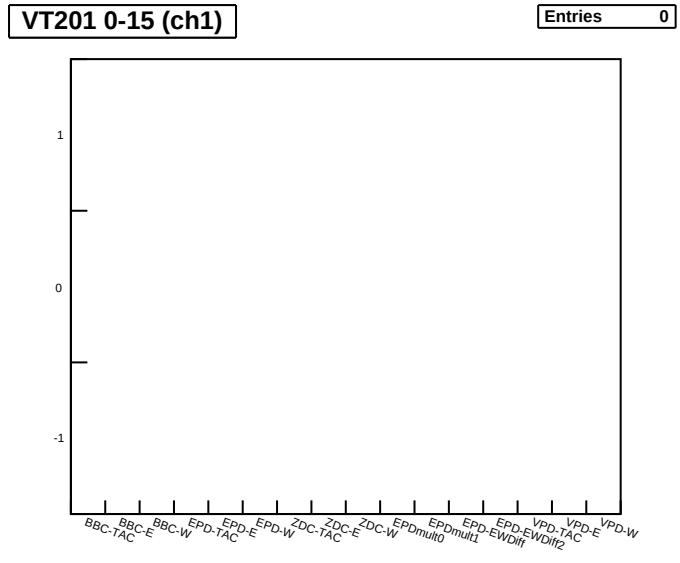

Laser Input Bits
Entries 498372
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

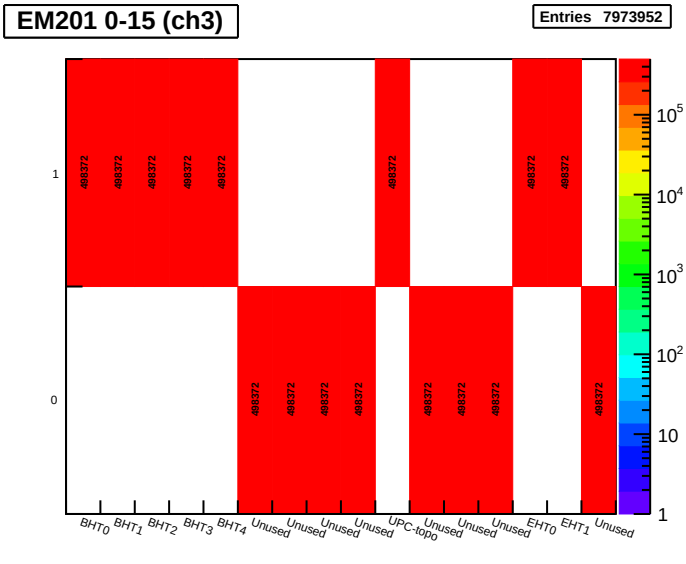

ST201 0-15 (ch6)
Entries 7973952
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3366
3365
1
3365
15
495006
495007
498371
495007
498372
498372
498372
498372
498372
498372
498372
498372
498372
498372
498372
498357
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

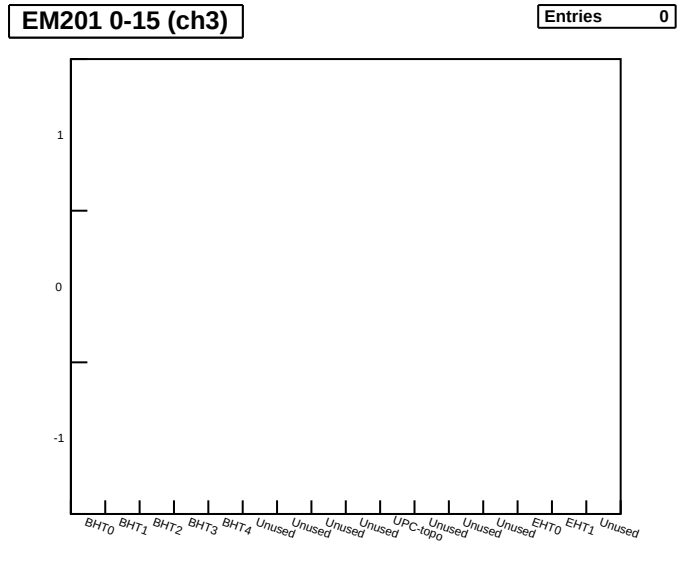

TF201 0-15 (ch0)
Entries 7973952
1
0
498372
489814
443829
428965
331710
413724
414002
410203
498372
498372
498372
498372
498372
8558
54543
69407
166662
498372
84648
84370
88169
498372
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 7973952
1
0
153223
321626
427294
379426
489644
488659
599
8887
9107
227
450808
483551
224807
270204
386972
345149
176746
71078
118946
8728
9713
497773
489485
488265
488145
498372
47564
14821
273565
228168
111400
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 7973952
1
0
498372
498372
498372
498372
498372
498372
498372
498372
498372
498372
498372
498372
498372
498372
498372
498372
498372
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