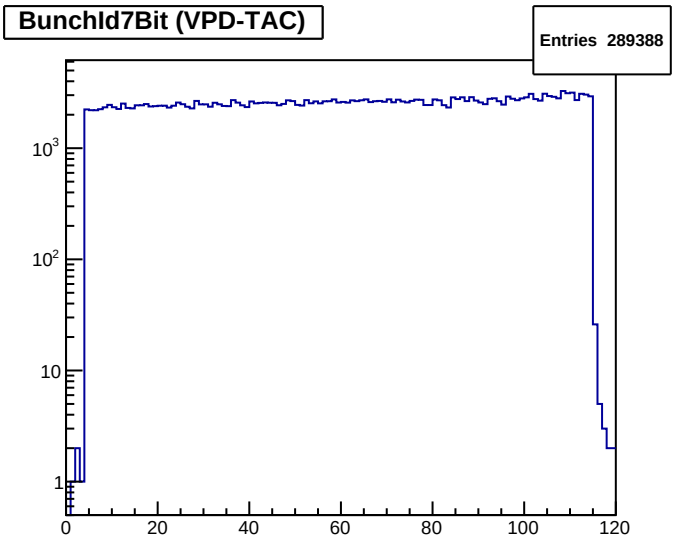
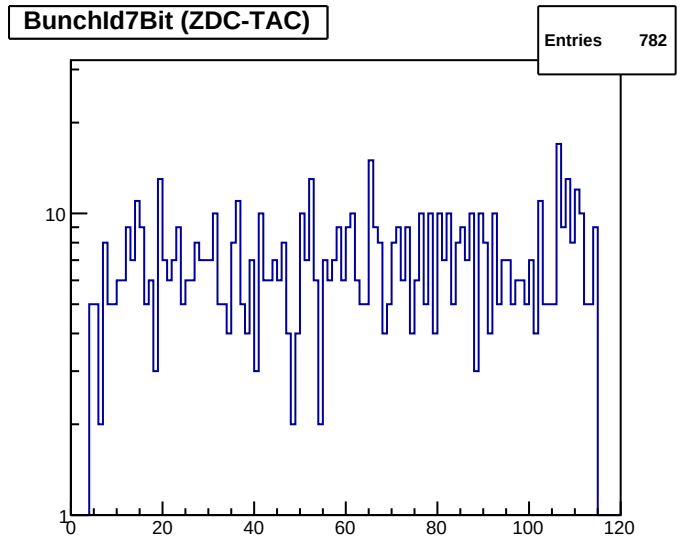
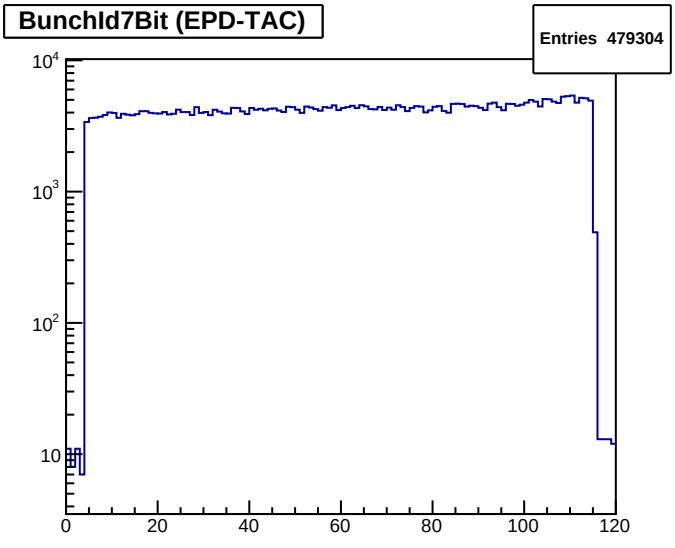
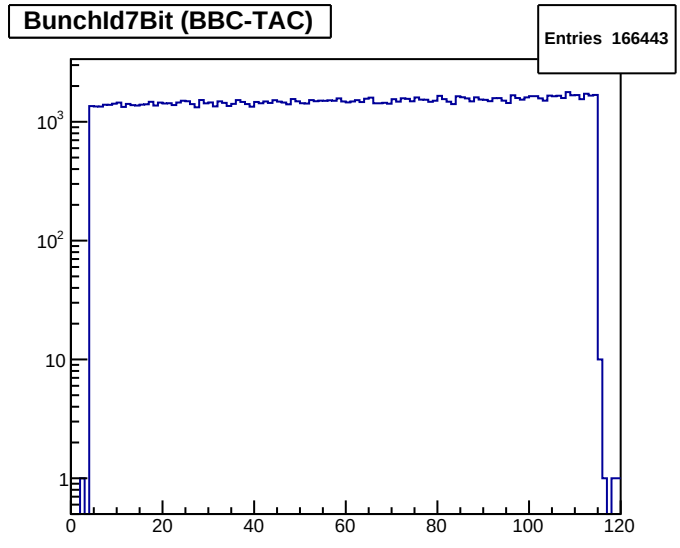
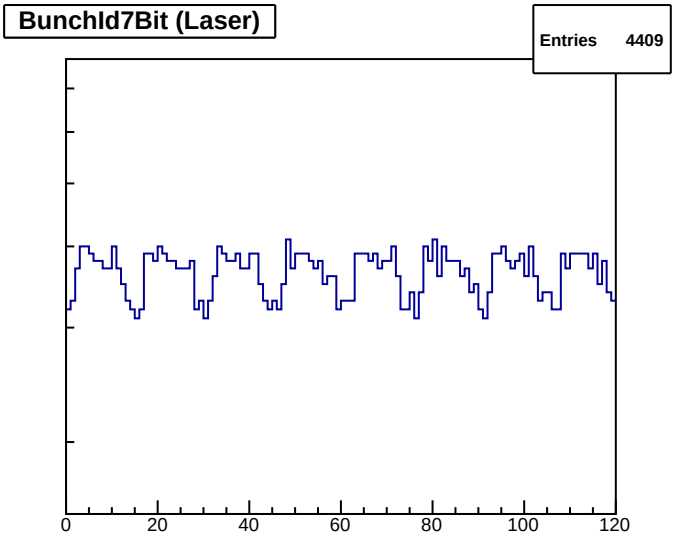
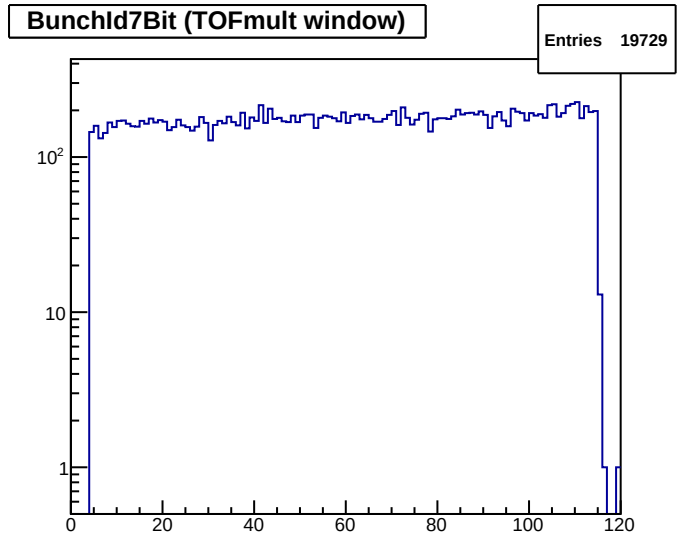

BunchId7Bit (VPD-TAC)
Entries 289388

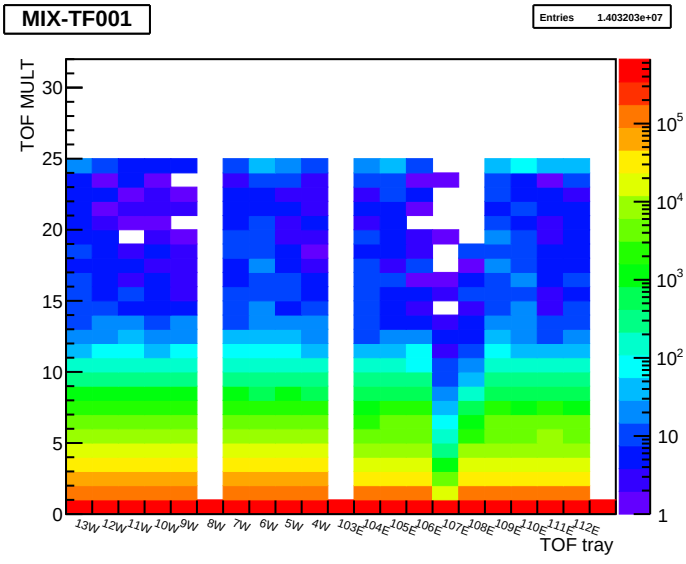

BunchId7Bit (ZDC-TAC)
Entries 782

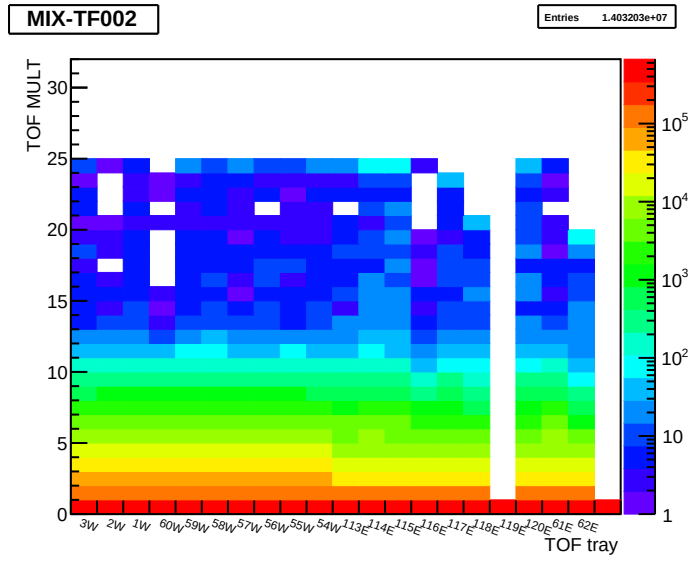

BunchId7Bit (EPD-TAC)
Entries 479304

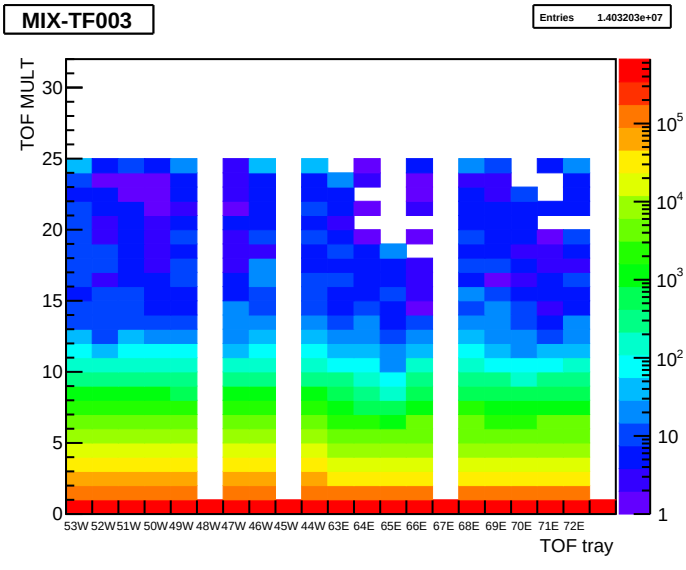

BunchId7Bit (BBC-TAC)
Entries 166443

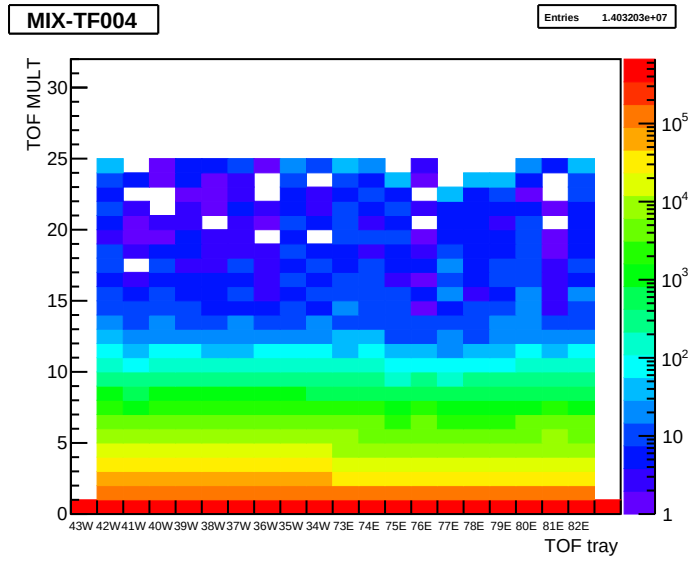

BunchId7Bit (Laser)
Entries 4409

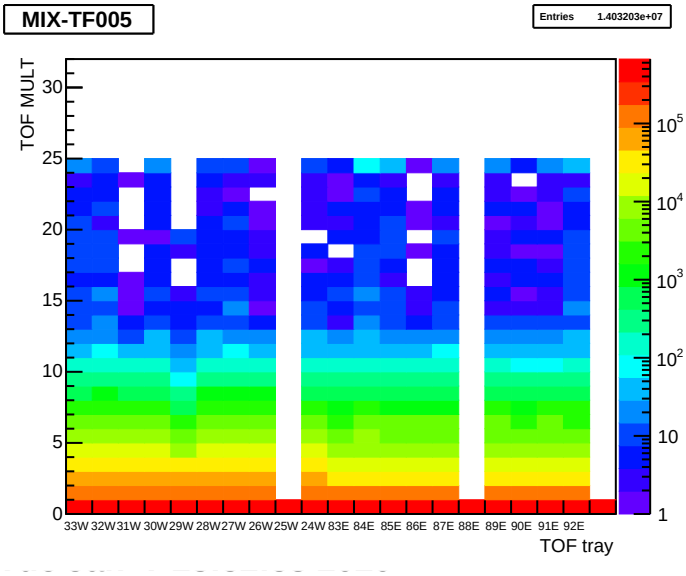

BunchId7Bit (TOFmult window)
Entries 19729

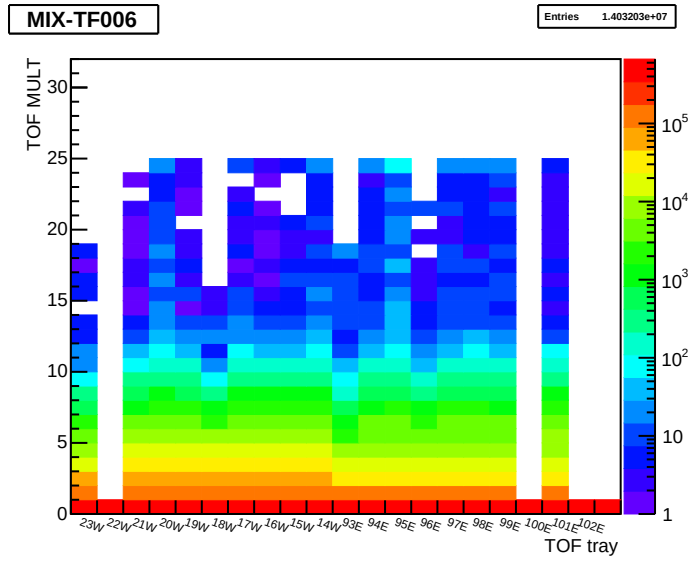

MIX-TF001
Entries 1.403203e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

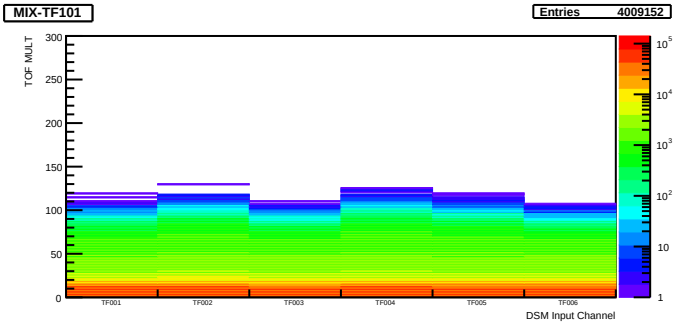

MIX-TF002
Entries 1.403203e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

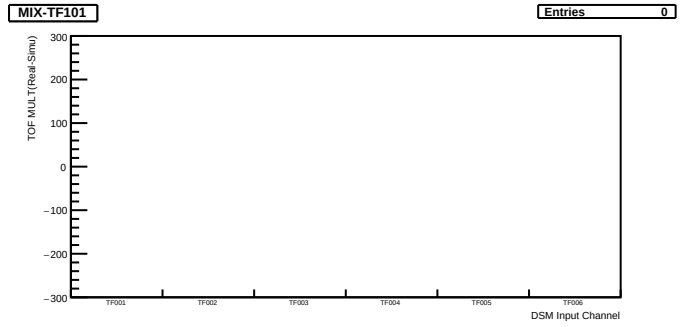

MIX-TF003
Entries 1.403203e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

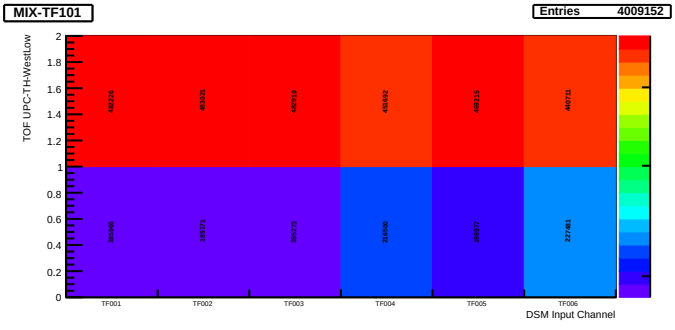

MIX-TF004
Entries 1.403203e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

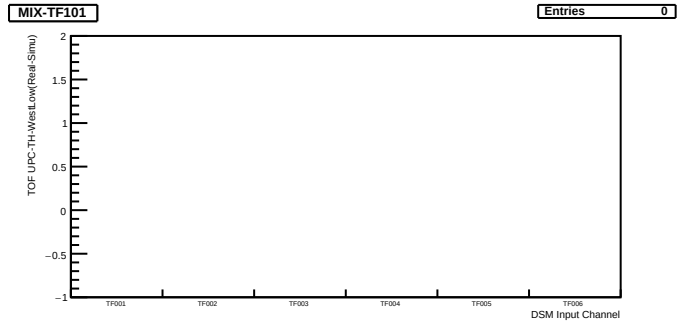

MIX-TF005
Entries 1.403203e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

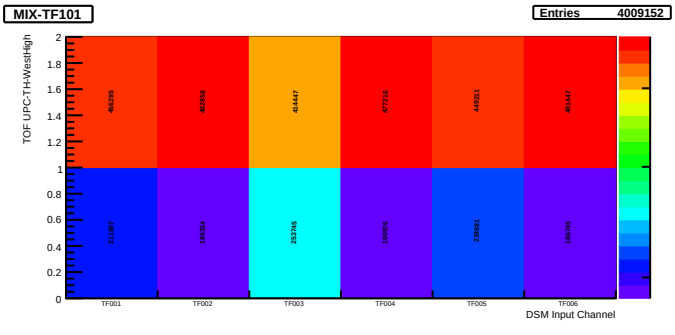

MIX-TF006
Entries 1.403203e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

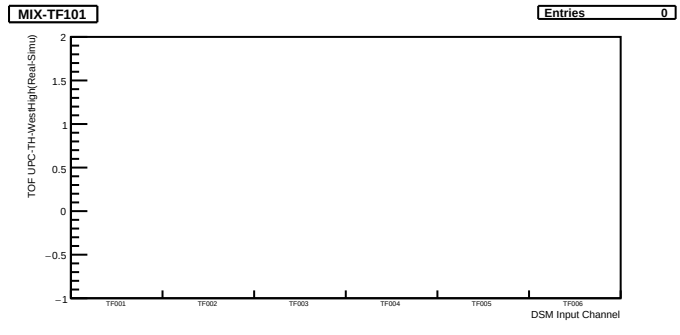

MIX-TF101
Entries 4009152
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

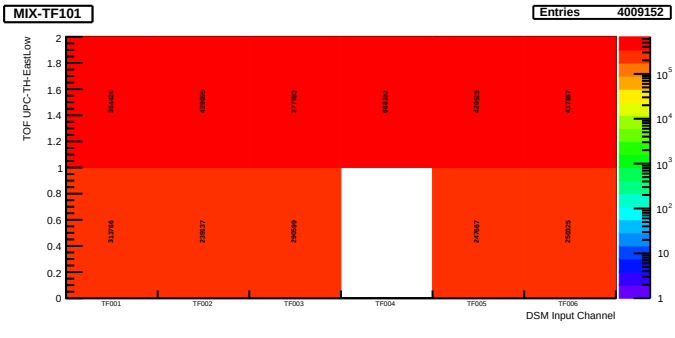

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

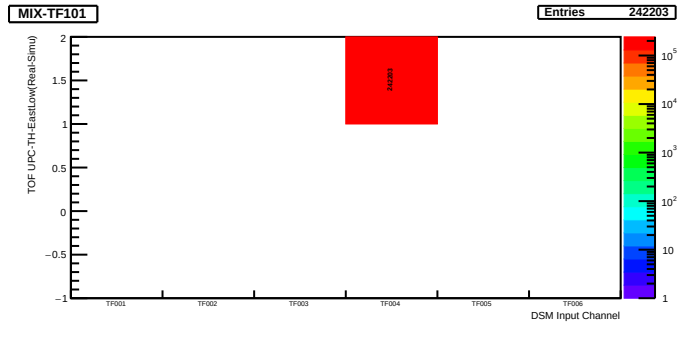

MIX-TF101
Entries 4009152
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

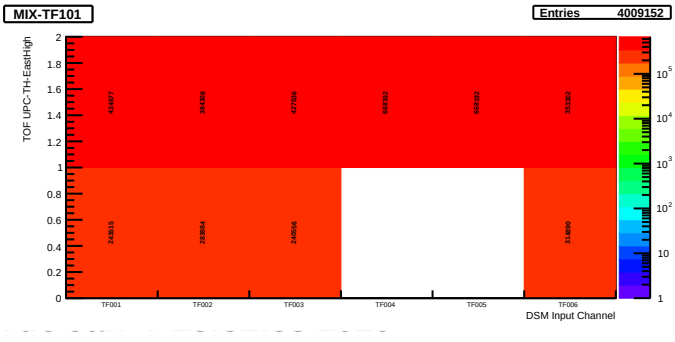

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

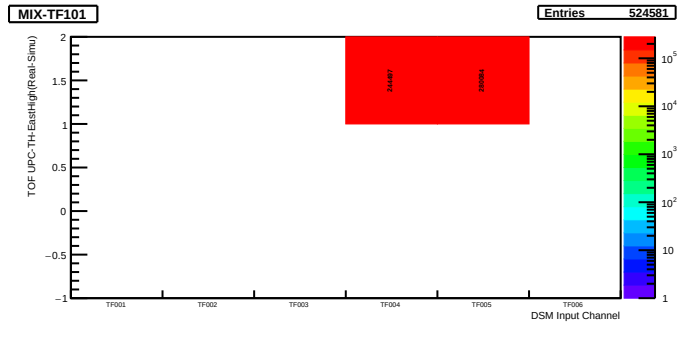

MIX-TF101
Entries 4009152
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

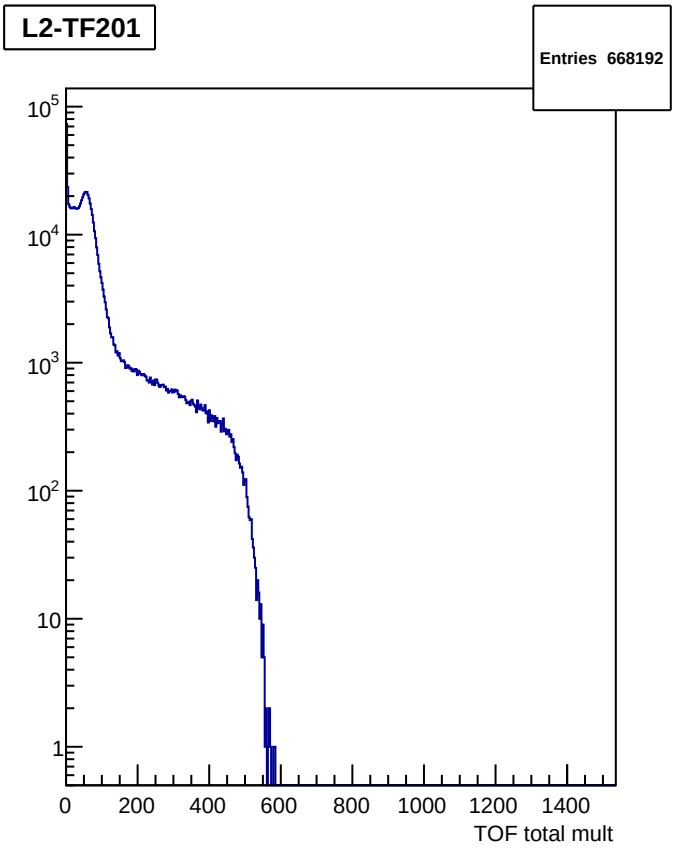

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

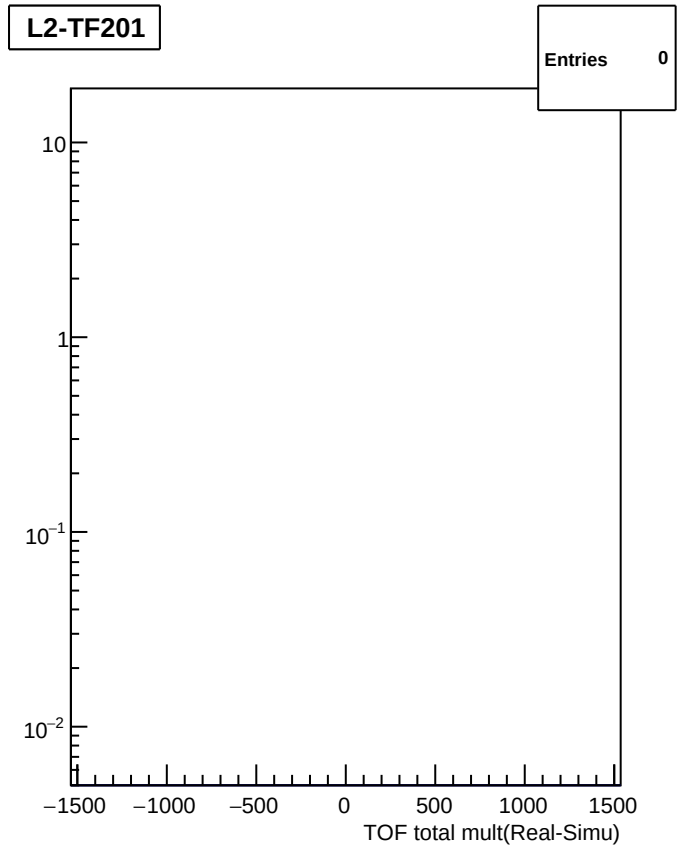

MIX-TF101
Entries 4009152
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

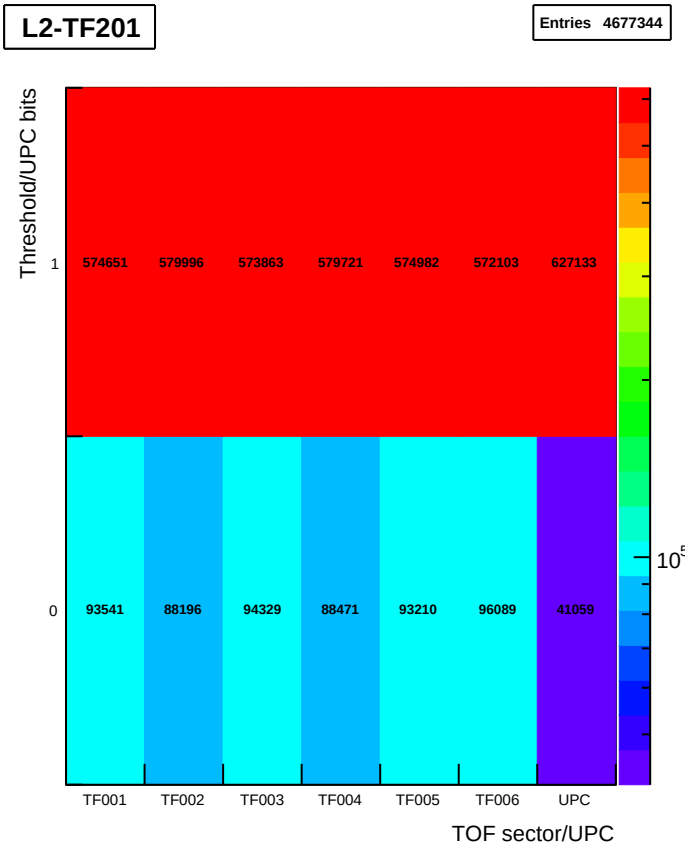

MIX-TF101
Entries 242203
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

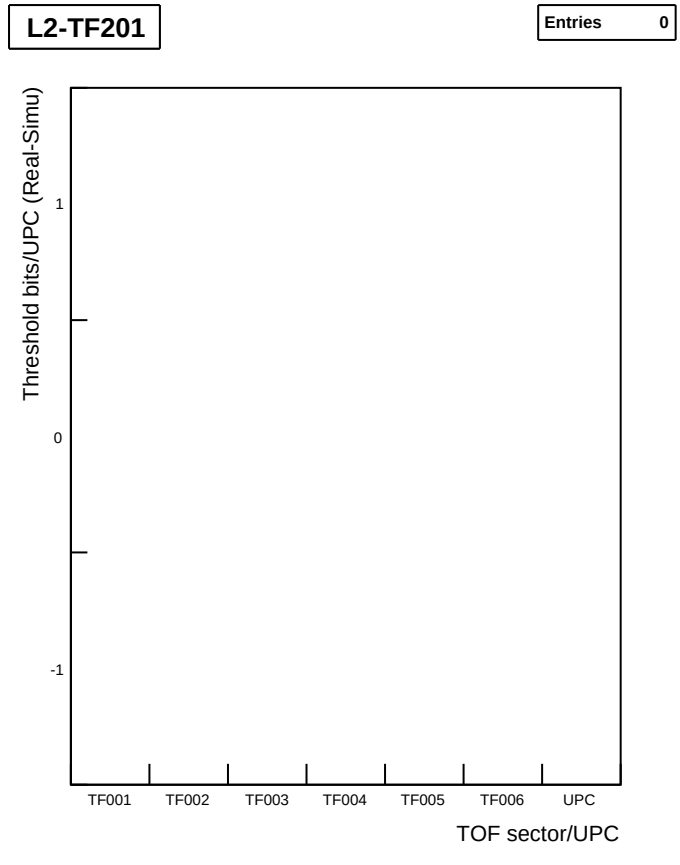

MIX-TF101
Entries 4009152
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

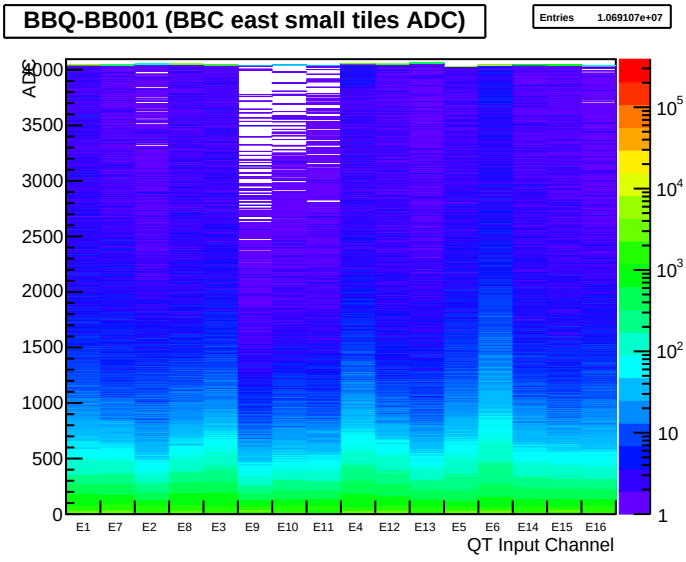

MIX-TF101
Entries 524581
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

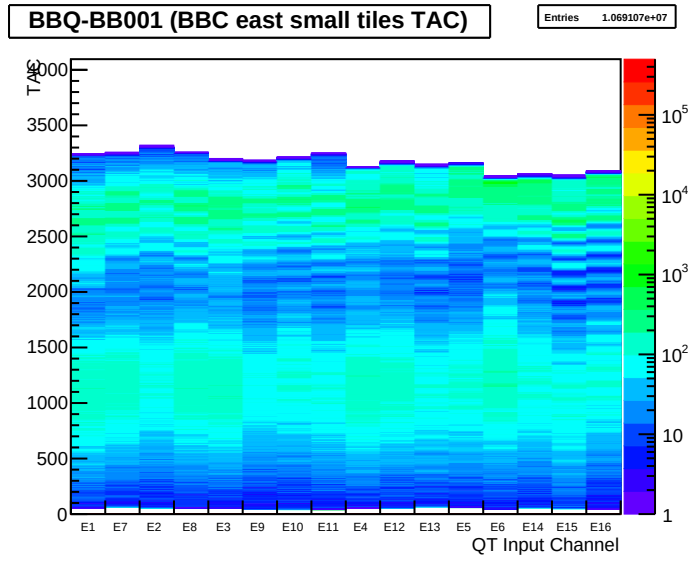

L2-TF201
Entries 668192
TOF total mult

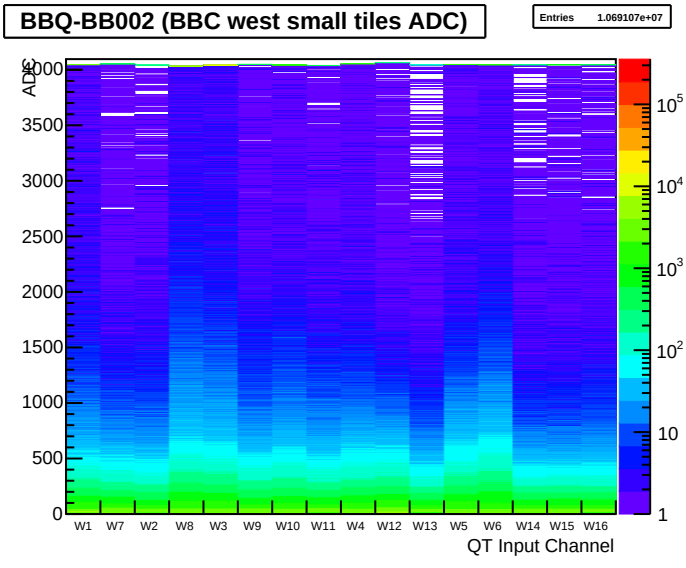

L2-TF201
Entries 0
TOF total mult(Real-Simu)

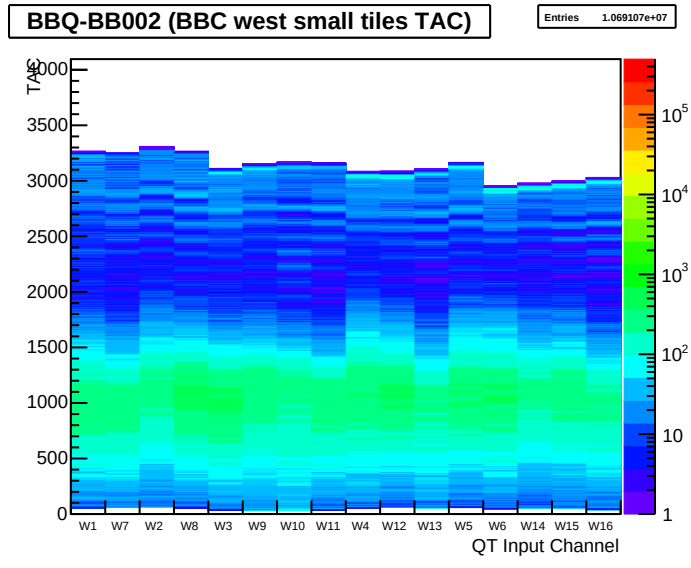

L2-TF201
Entries 4677344
Threshold/UPC bits
574651
579996
573863
579721
574982
572103
627133
93541
88196
94329
88471
93210
96089
41059
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

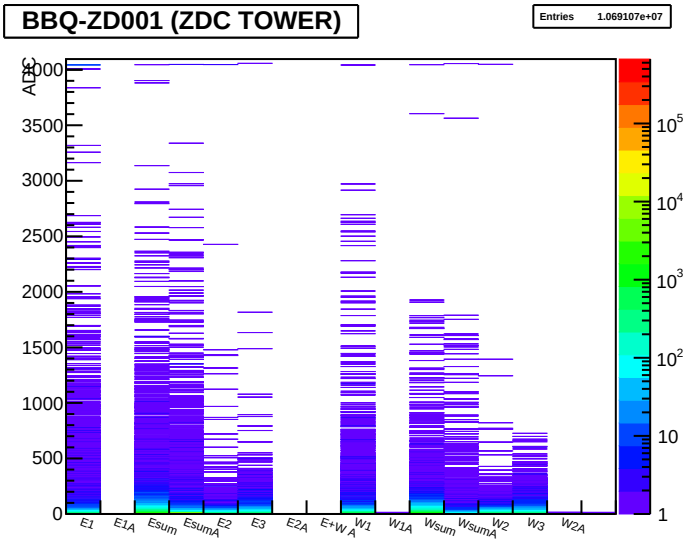

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

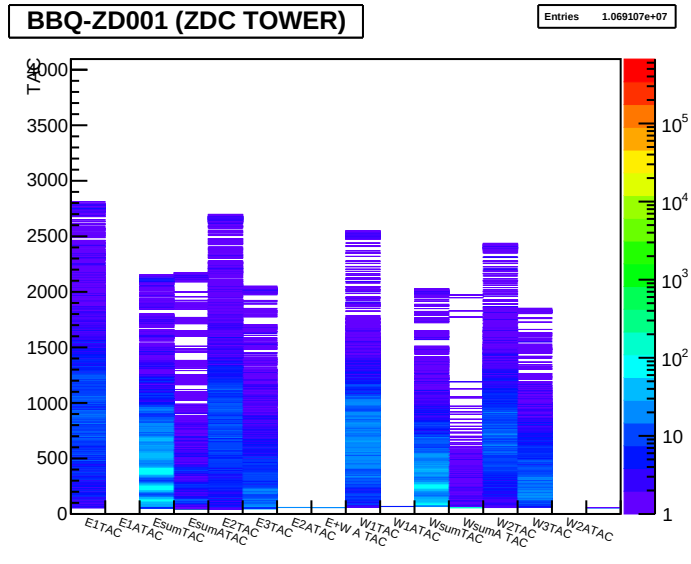

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.069107e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

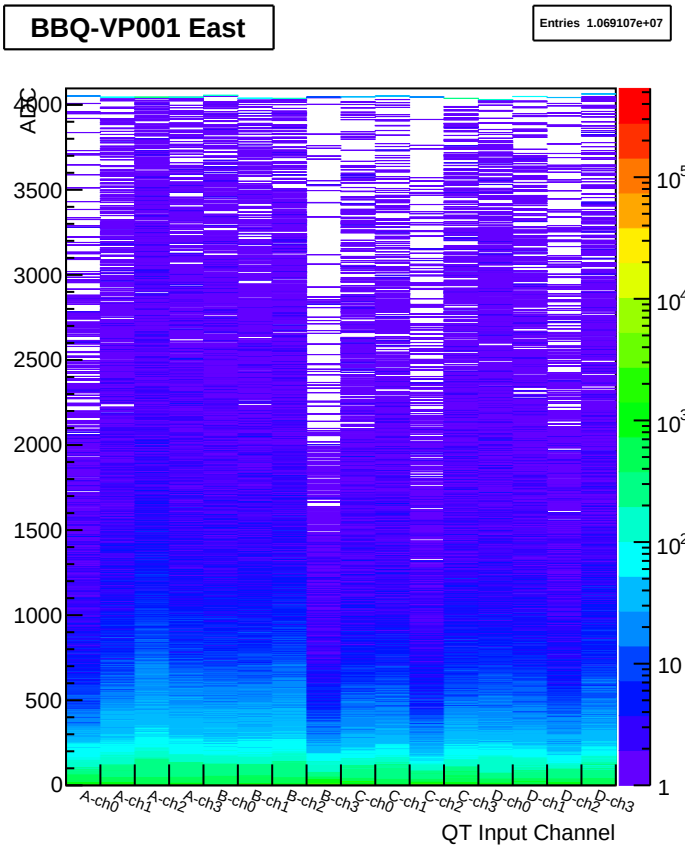

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.069107e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

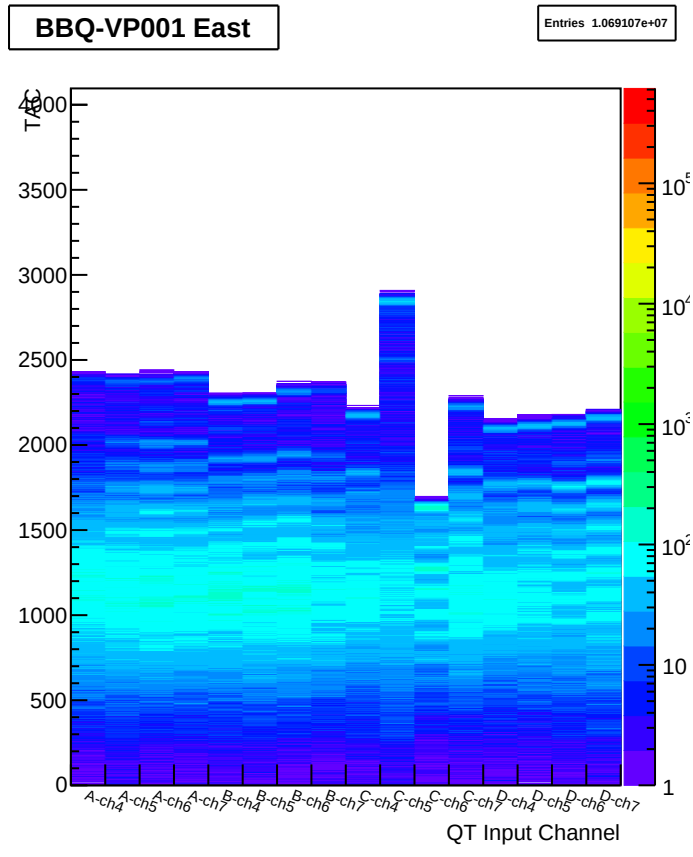

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.069107e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

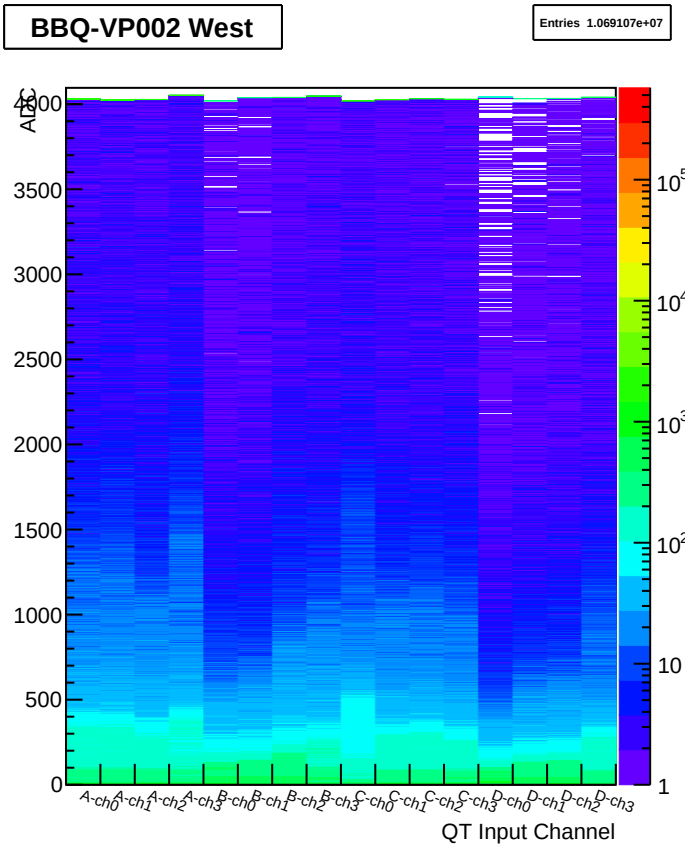

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.069107e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

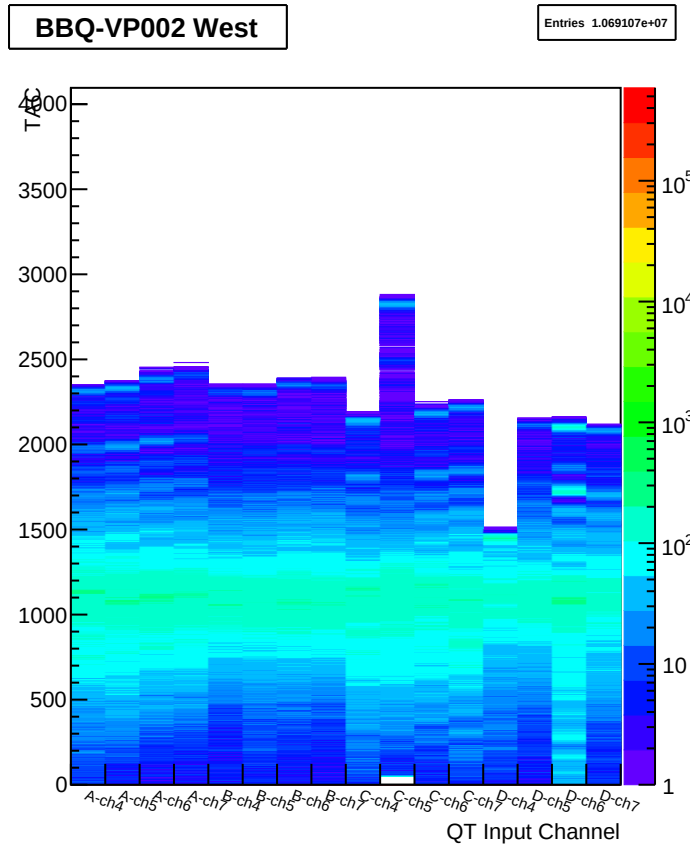

BBQ-ZD001 (ZDC TOWER)
Entries 1.069107e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

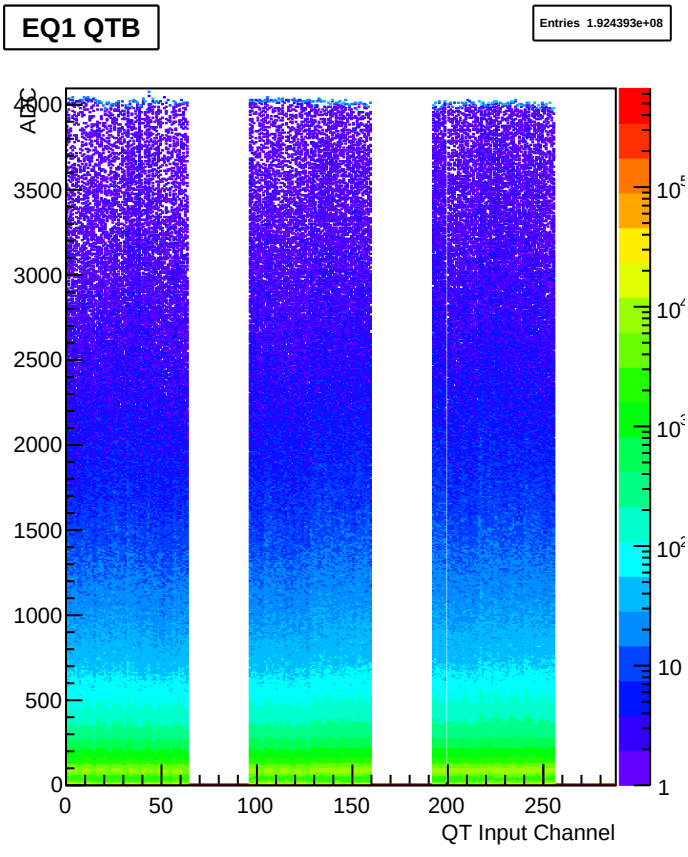

BBQ-ZD001 (ZDC TOWER)
Entries 1.069107e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

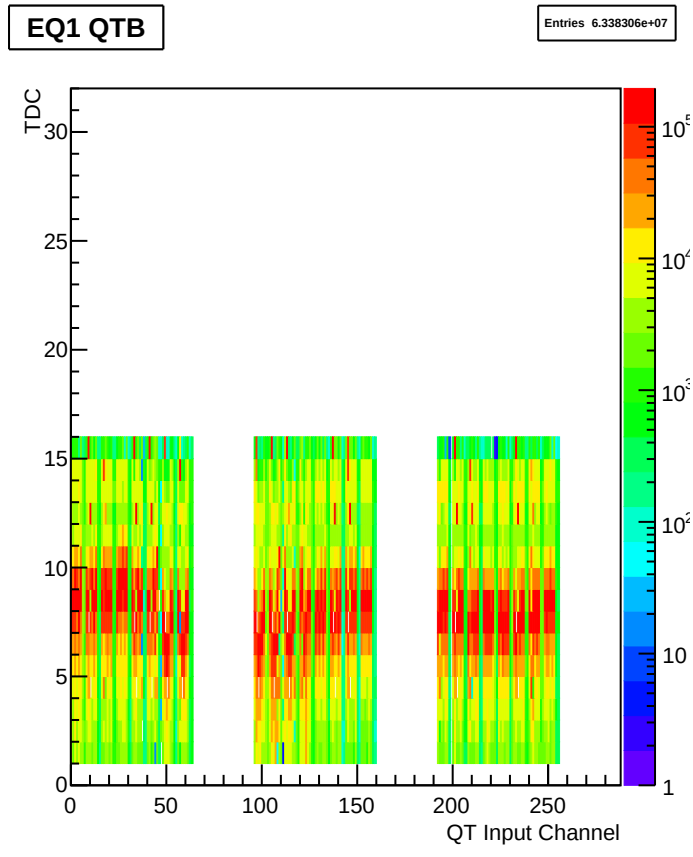

BBQ-VP001 East
Entries 1.069107e+07
ADC
QT Input Channel

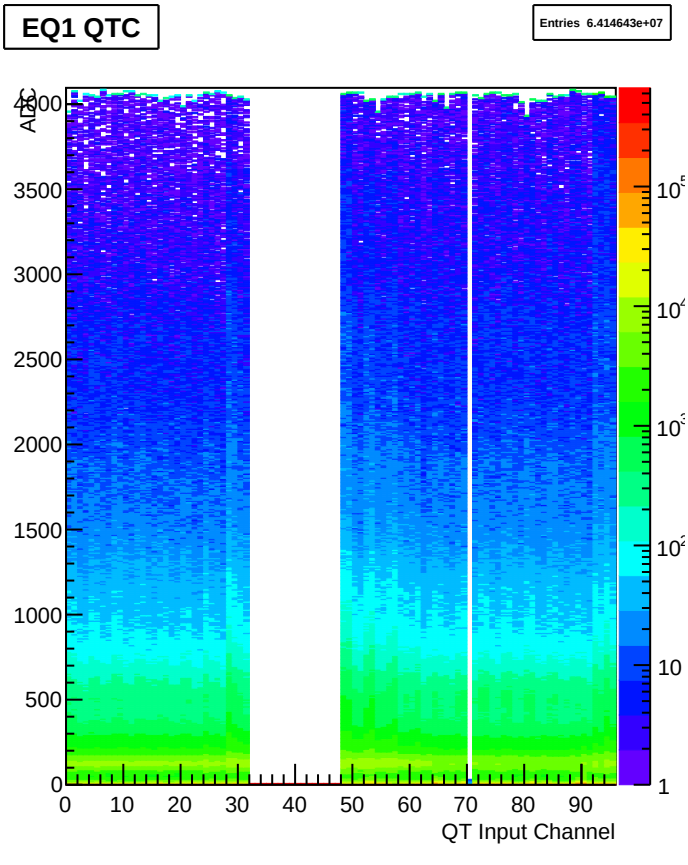

BBQ-VP001 East
Entries 1.069107e+07
TADC
QT Input Channel

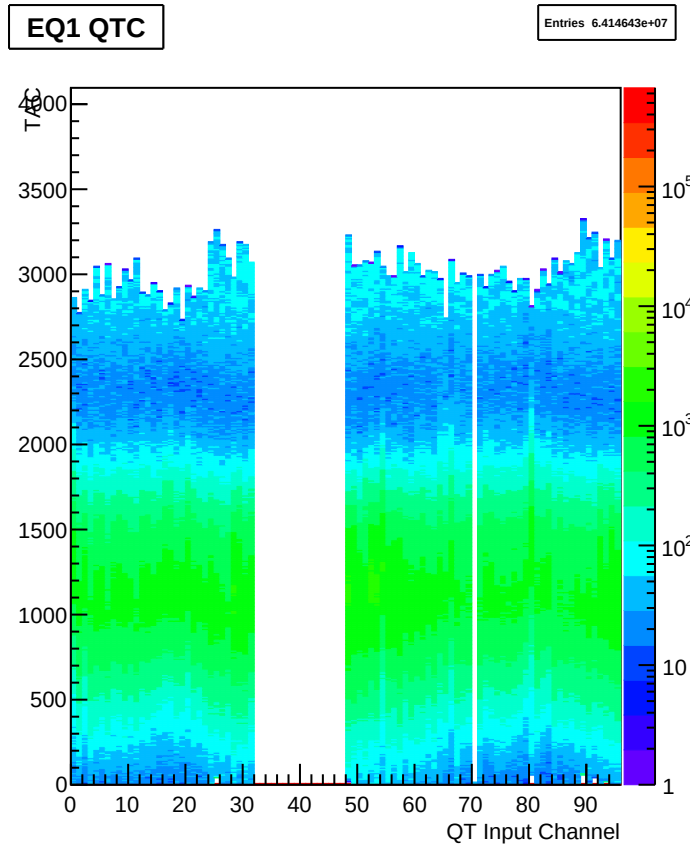

BBQ-VP002 West
Entries 1.069107e+07
ADC
QT Input Channel

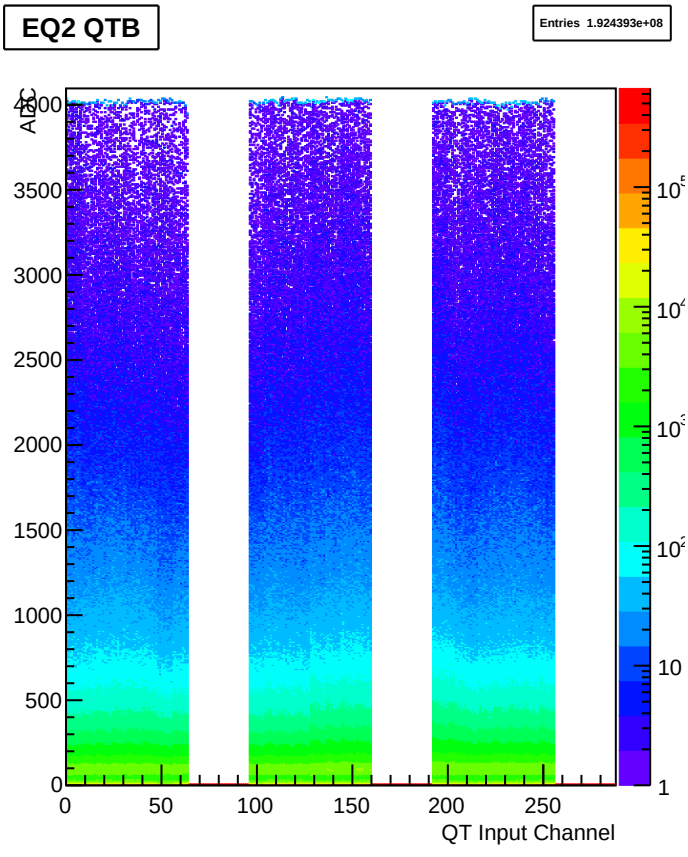

BBQ-VP002 West
Entries 1.069107e+07
TADC
QT Input Channel

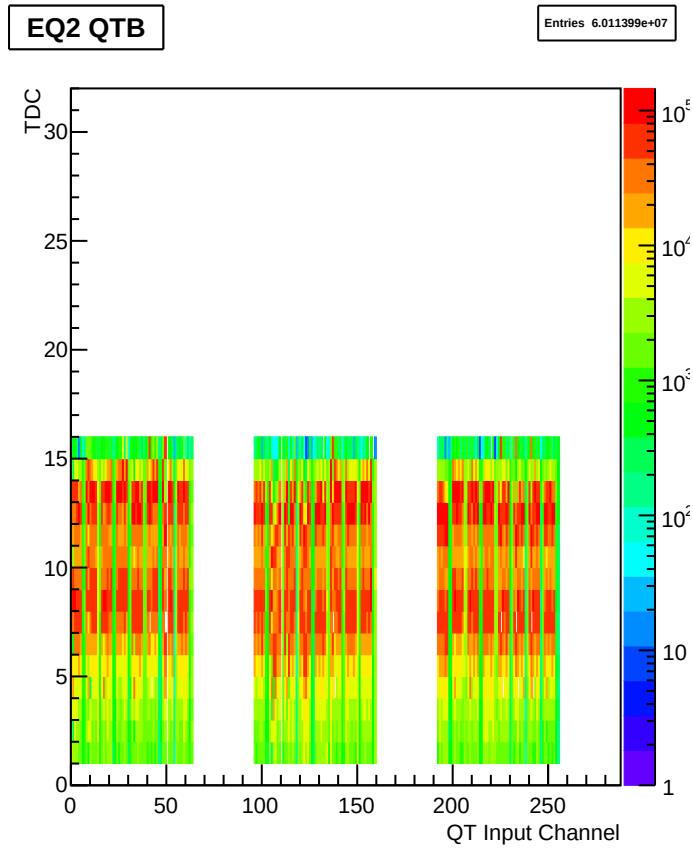

EQ1 QTB
Entries 1.924393e+08
ADC
QT Input Channel

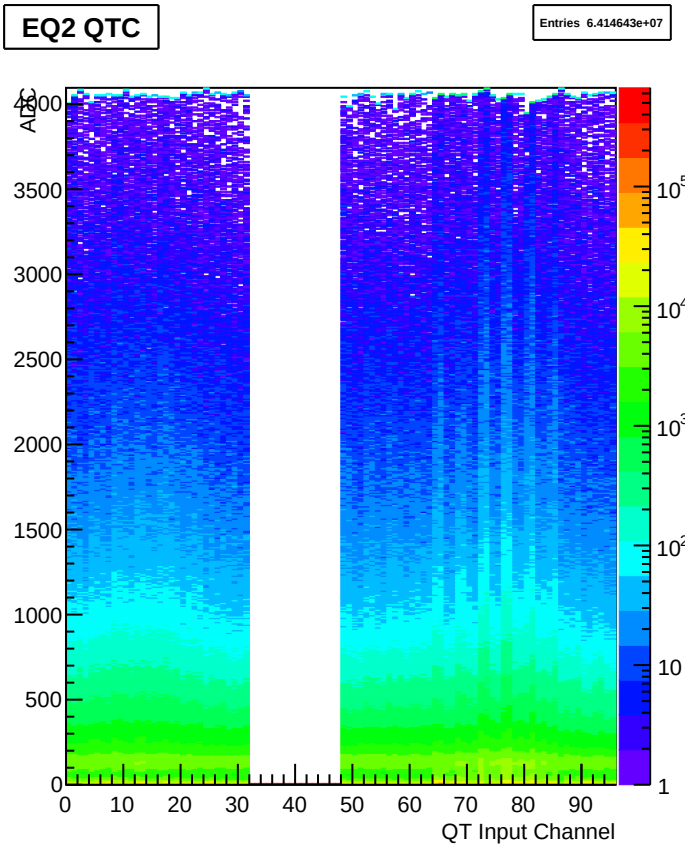

EQ1 QTB
Entries 6.338306e+07
TDC
QT Input Channel

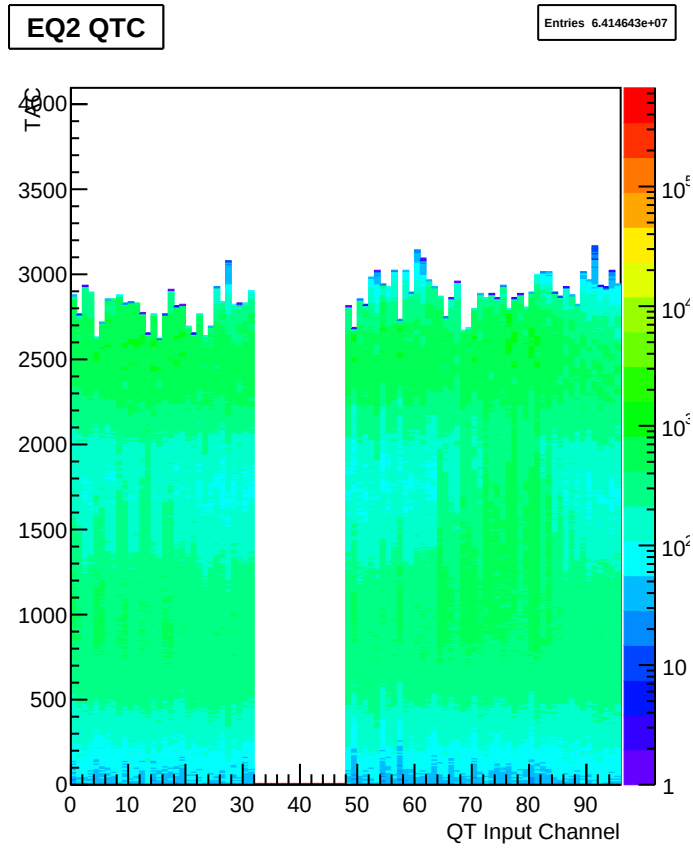

EQ1 QTC
Entries 6.414643e+07
ADC
QT Input Channel

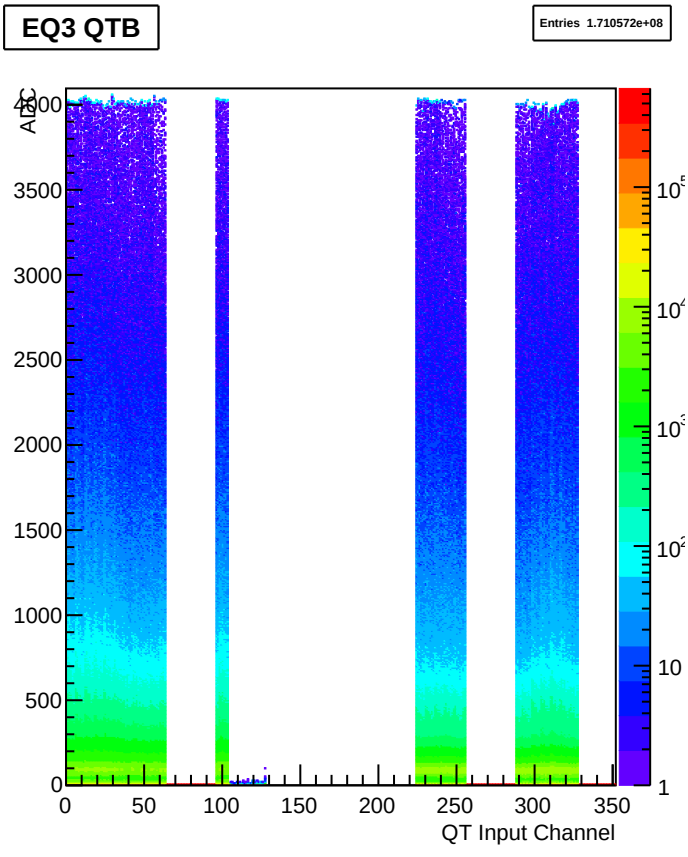

EQ1 QTC
Entries 6.414643e+07
TADC
QT Input Channel

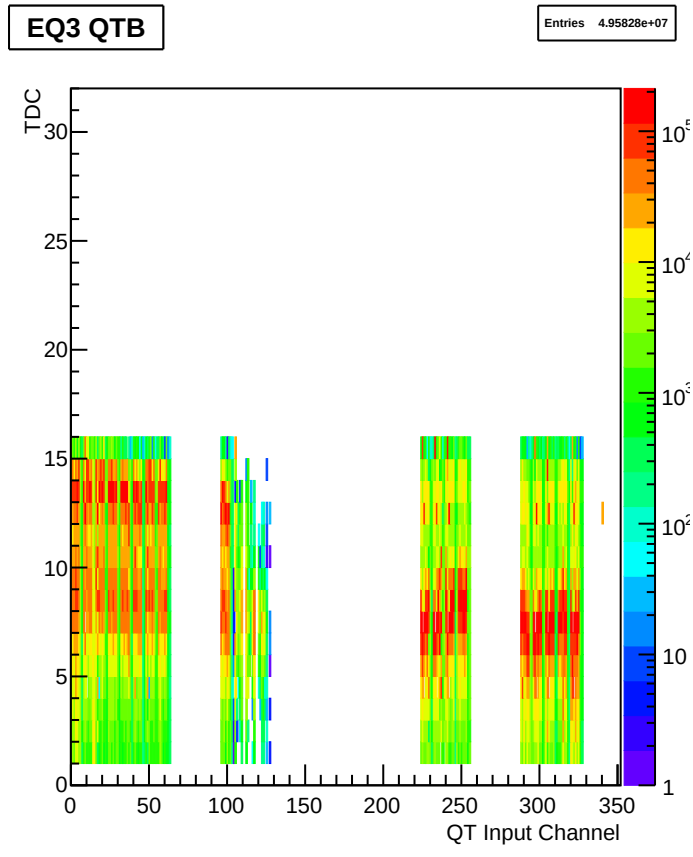

EQ2 QTB
Entries 1.924393e+08
ADC
QT Input Channel

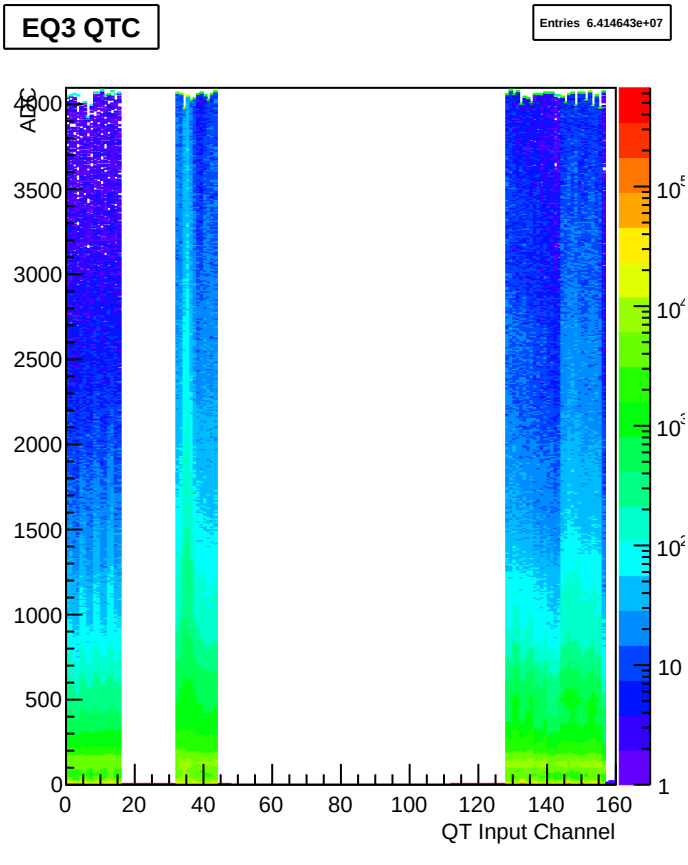

EQ2 QTB
Entries 6.011399e+07
TDC
QT Input Channel

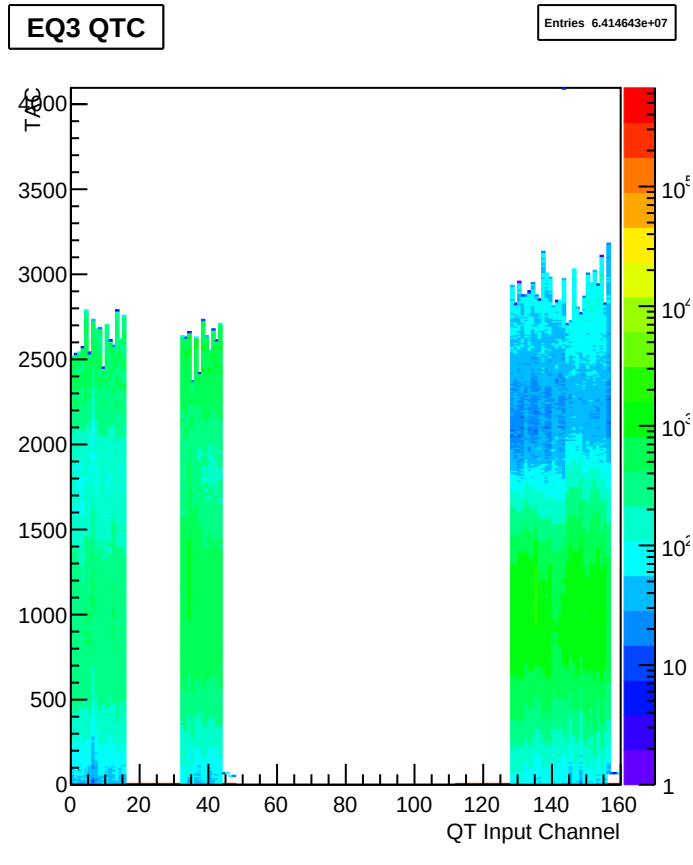

EQ2 QTC
Entries 6.414643e+07
ADC
QT Input Channel


EQ2 QTC
Entries 6.414643e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.710572e+08
ADC
QT Input Channel


EQ3 QTB
Entries 4.95828e+07
TDC
QT Input Channel


EQ3 QTC
Entries 6.414643e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.414643e+07
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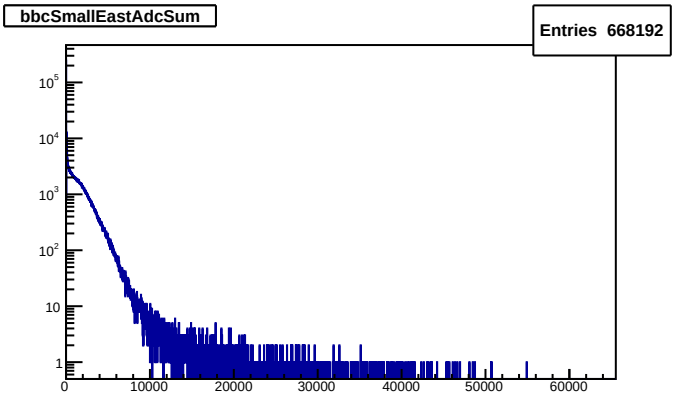
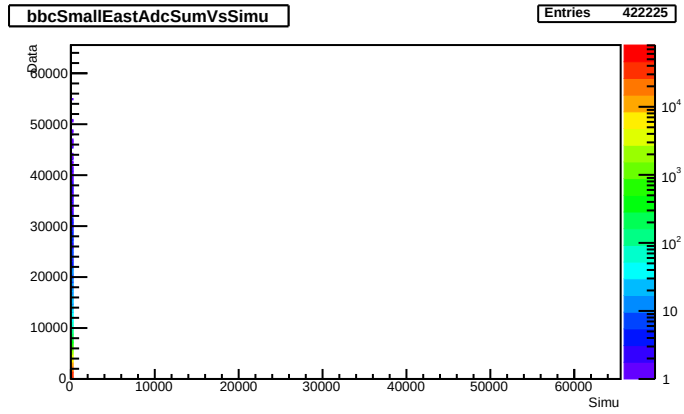
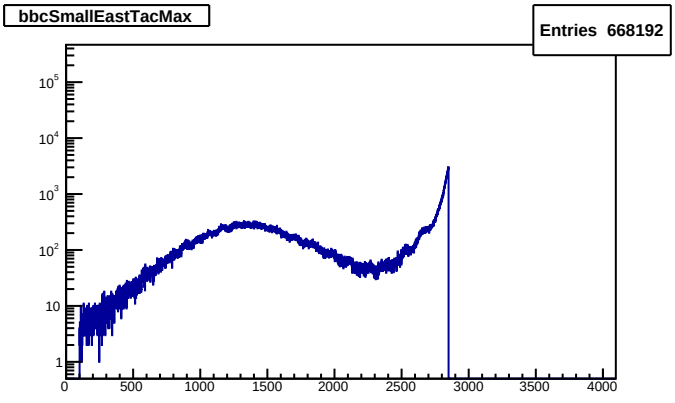
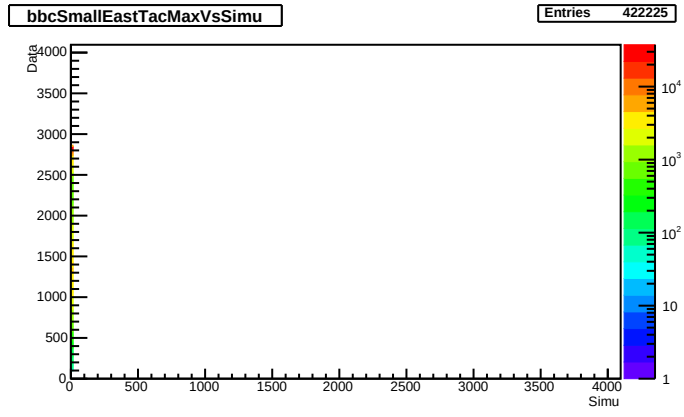
QT Input Channel


bbcSmallEastAdcSum
Entries 668192


bbcSmallEastAdcSumVsSimu
Entries 422225
Data
Simu


bbcSmallEastTacMax
Entries 668192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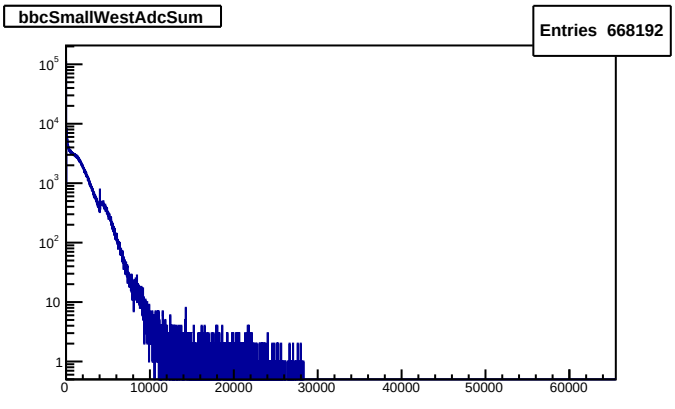
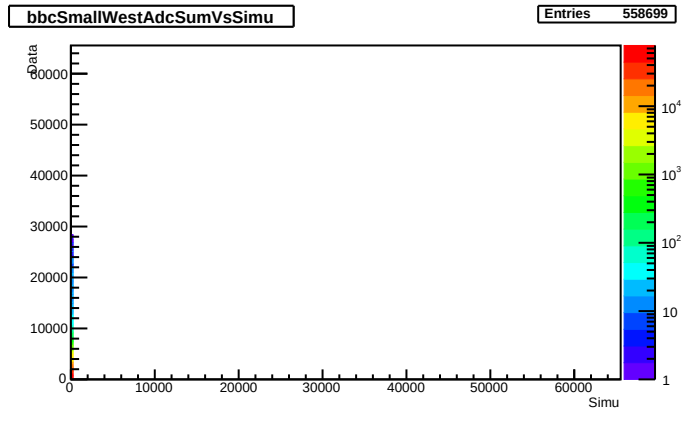

bbcSmallWestAdcSum
Entries 668192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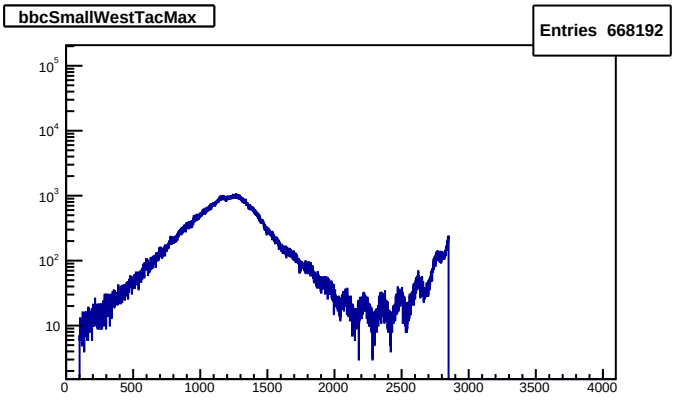
Entries 558699
Data
Simu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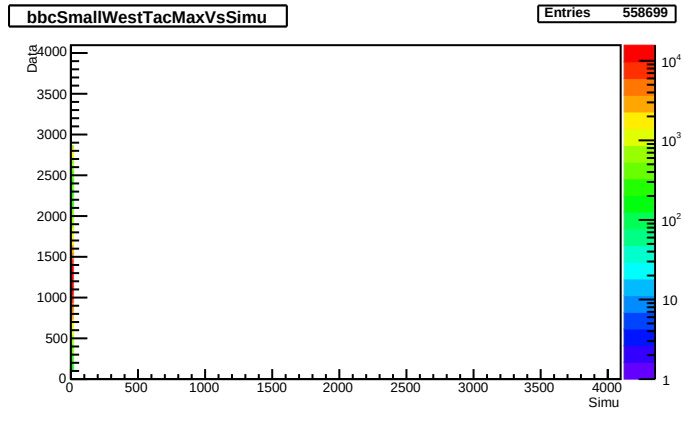
Entries 668192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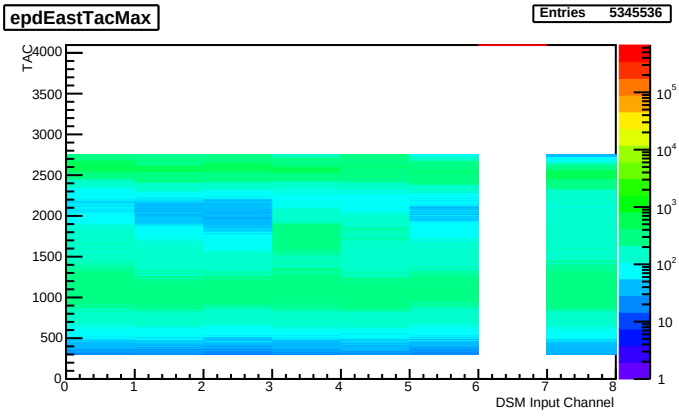
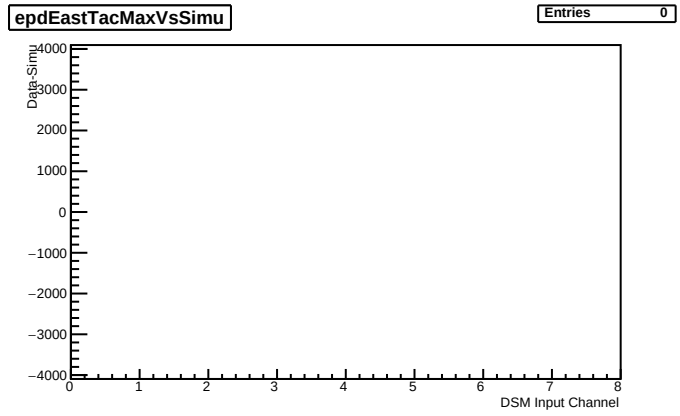
Entries 558699
Data
Simu


epdEastTacMax
Entries 5345536
TAC
DSM Input Channel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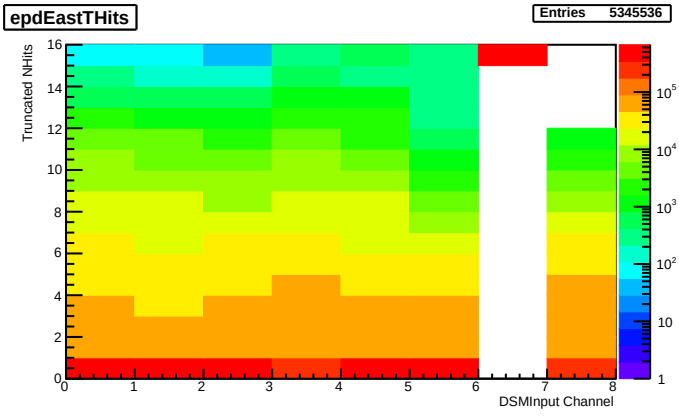
Entries 0
Data-Simu
DSM Input Channel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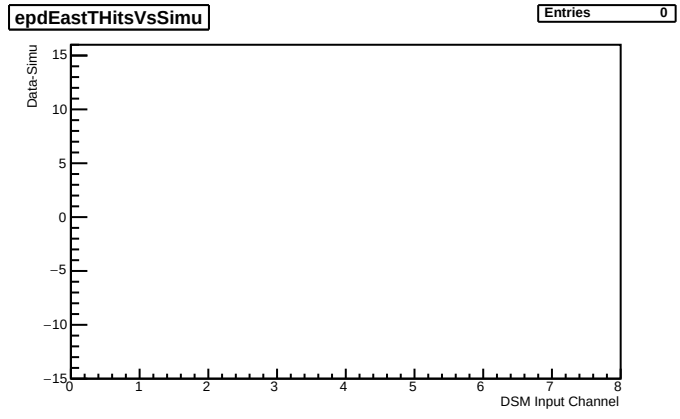
Entries 5345536
Truncated NHits
DSMInput Channel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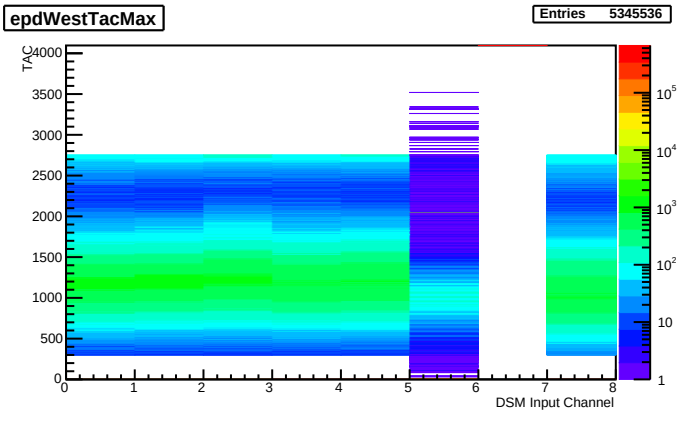
DSM Input Channel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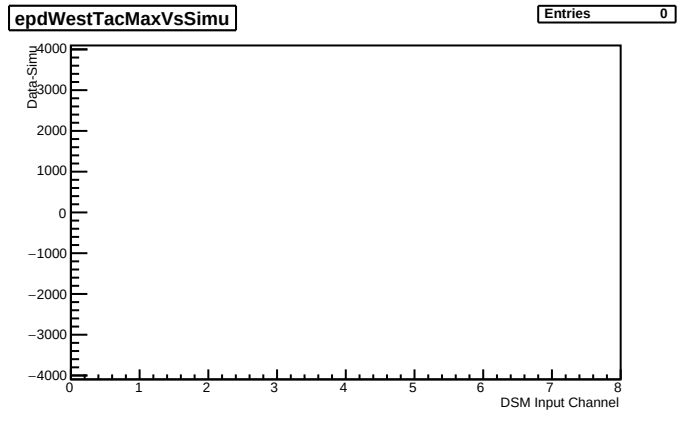
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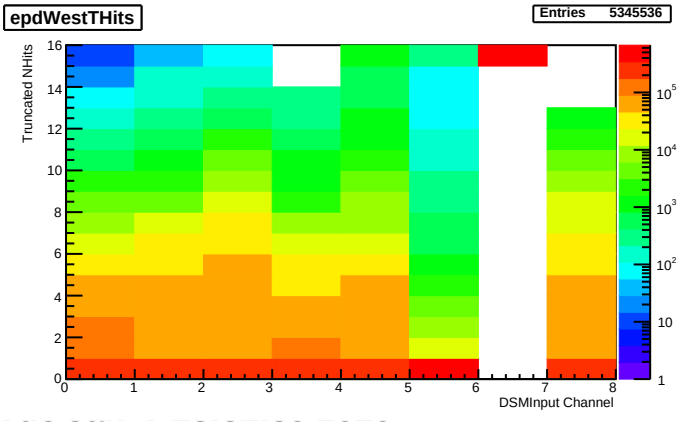
DSM Input Channel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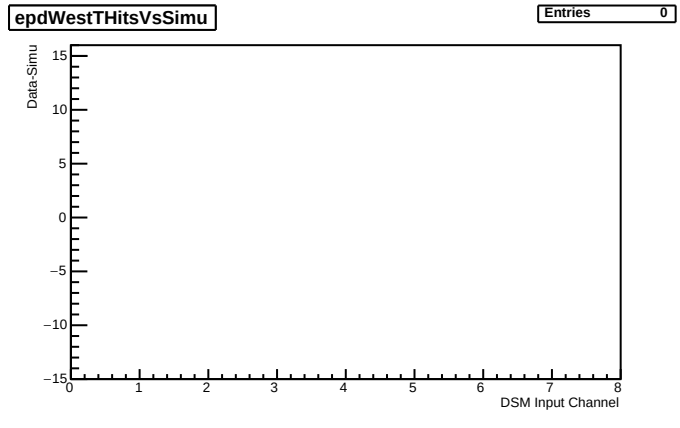
Entries 5345536
Truncated NHits
DSMInput Channel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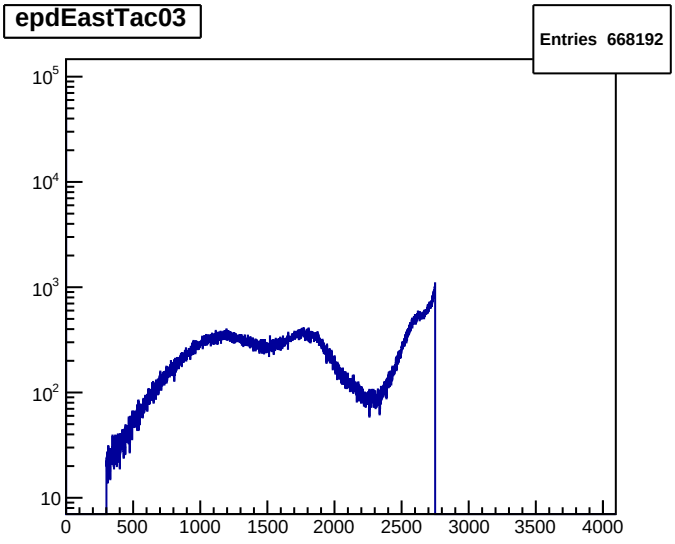
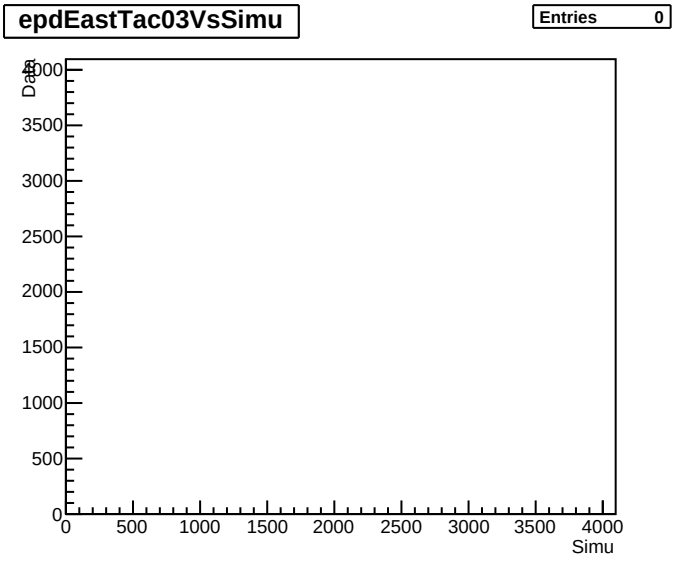
DSM Input Channel


epdEastTac03
Entries 668192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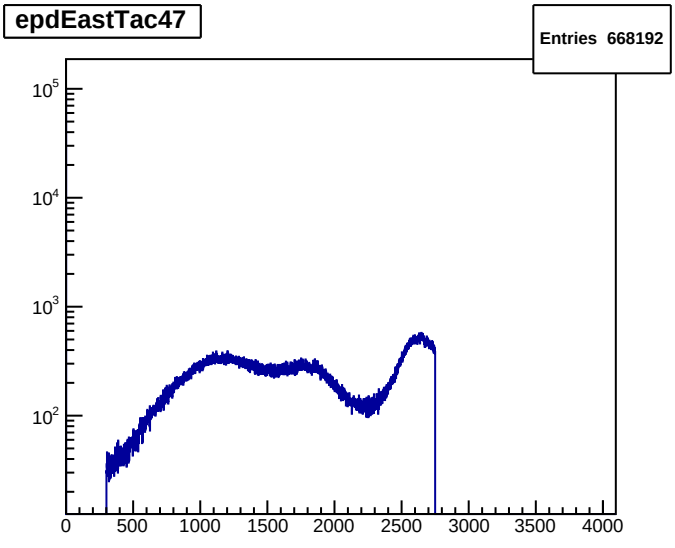
Entries 0
Data
Simu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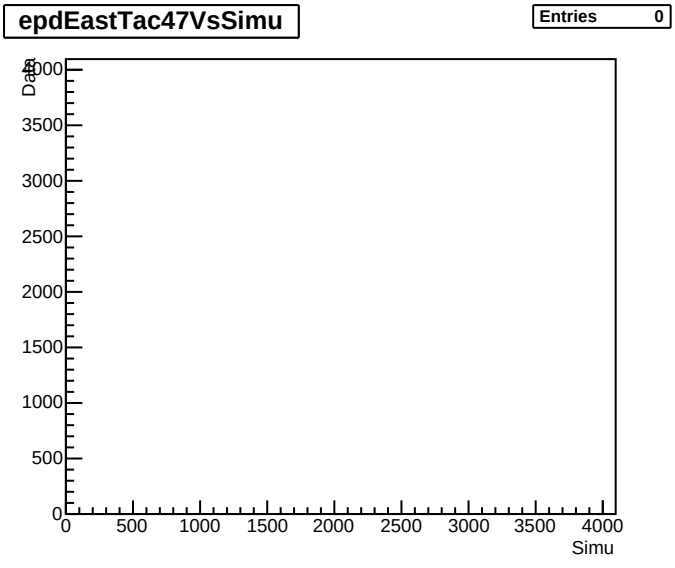
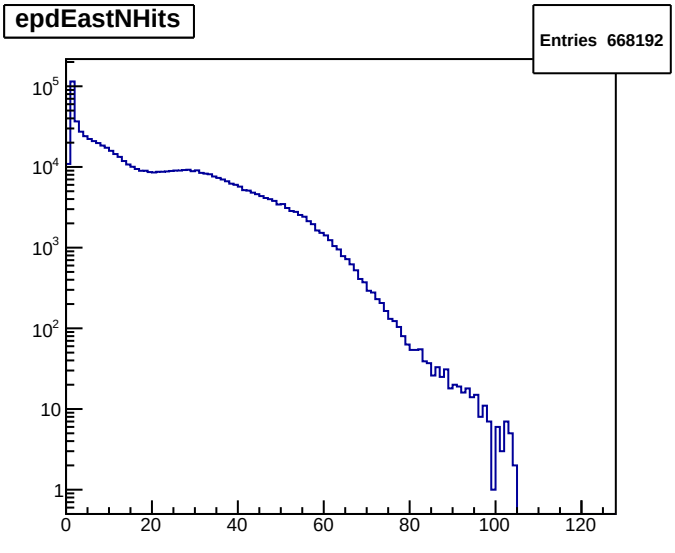
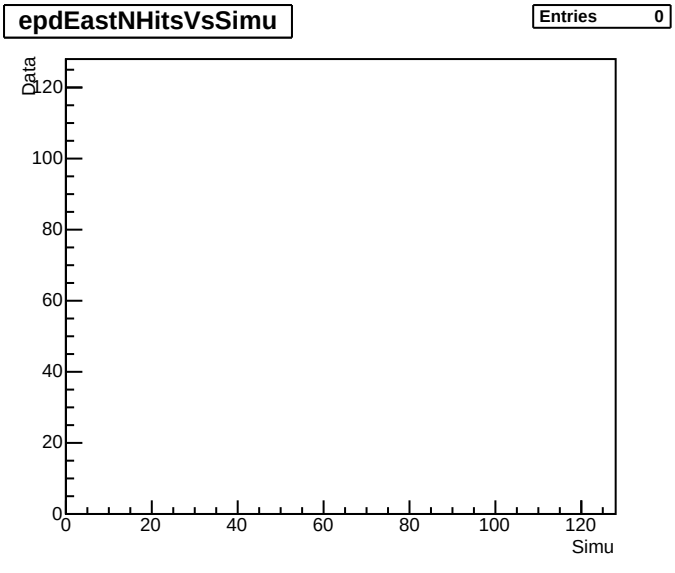
Entries 668192


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 668192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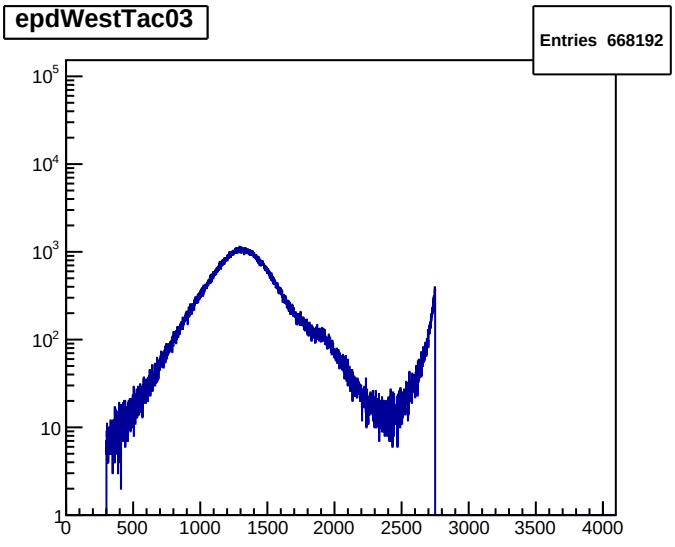
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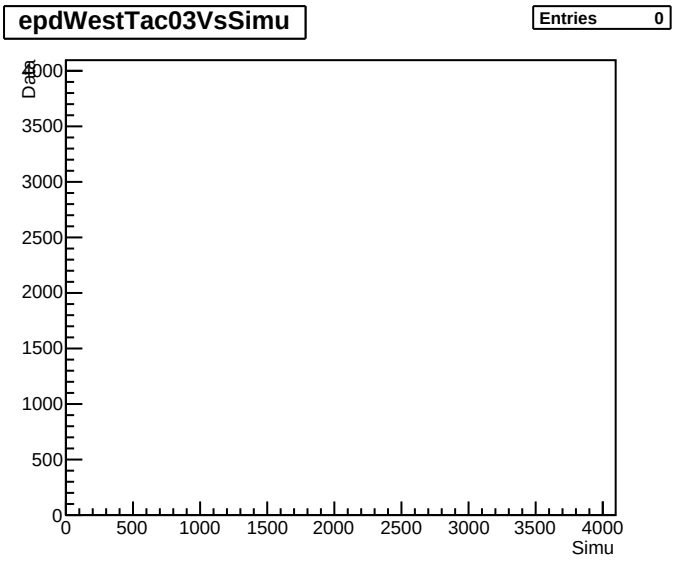
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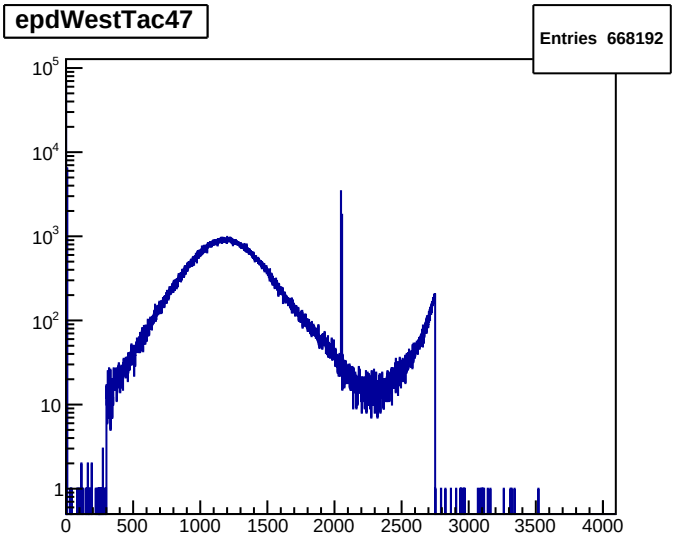
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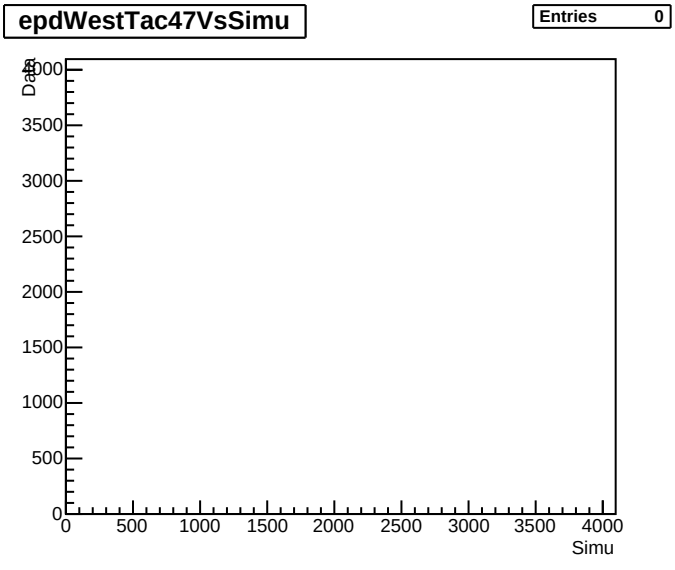
Entries 668192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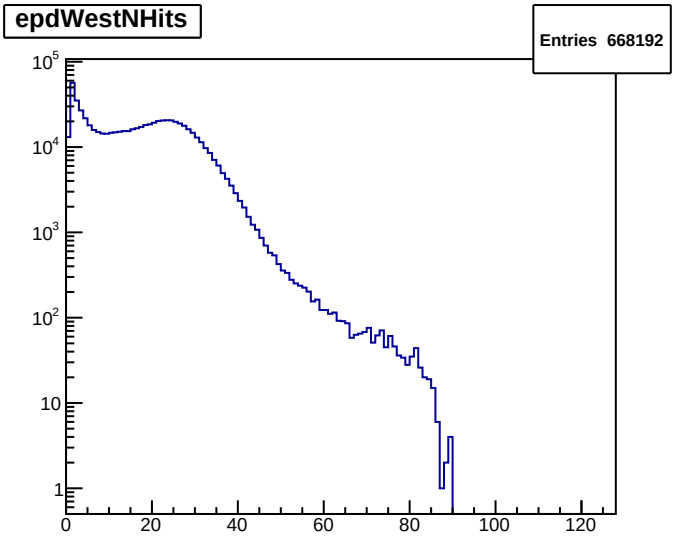
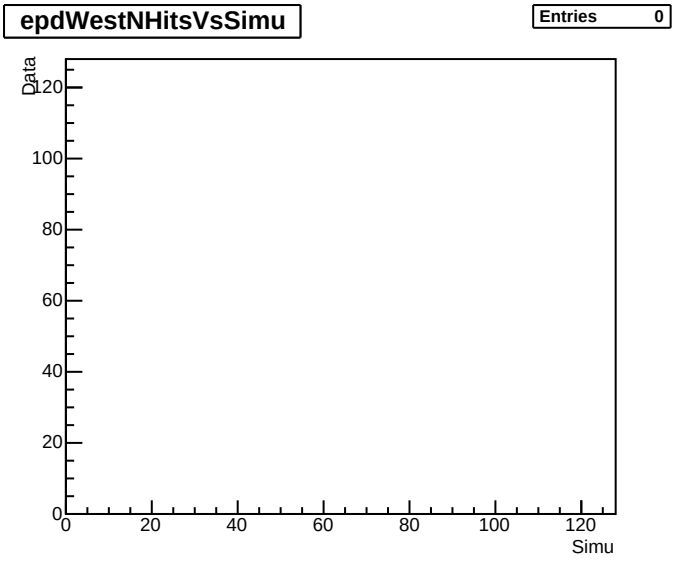
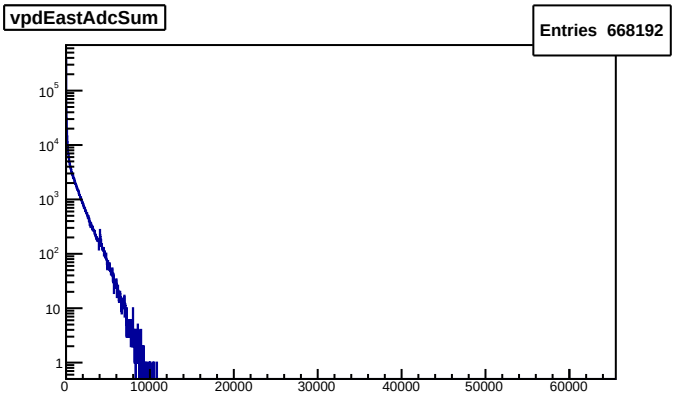
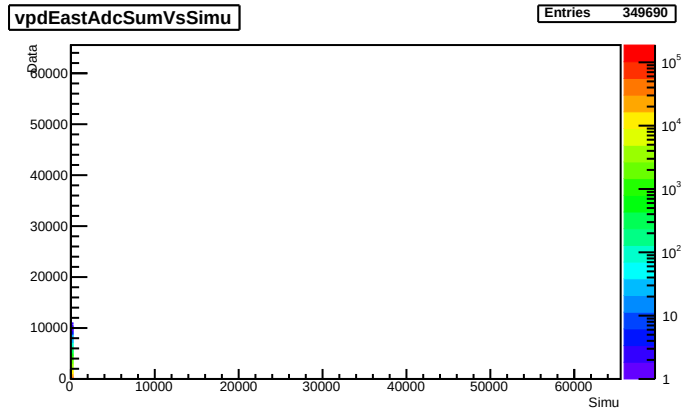
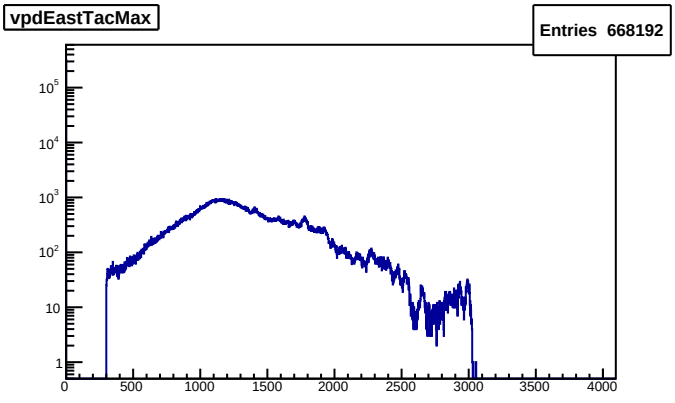
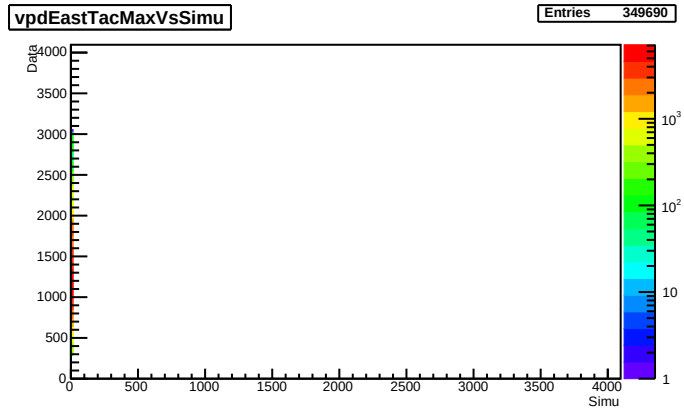

epdWestNHits
Entries 668192

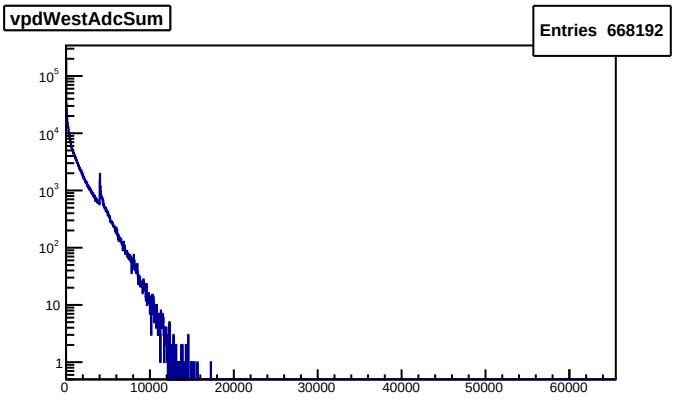

epdWestNHitsVsSimu
Entries 0
Data
Simu

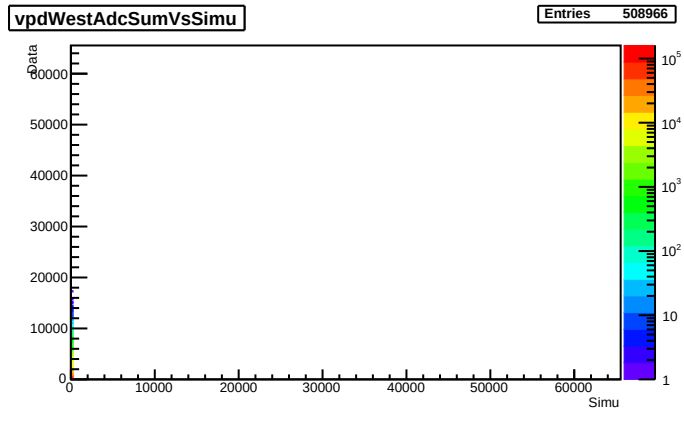

vpdEastAdcSum
Entries 668192

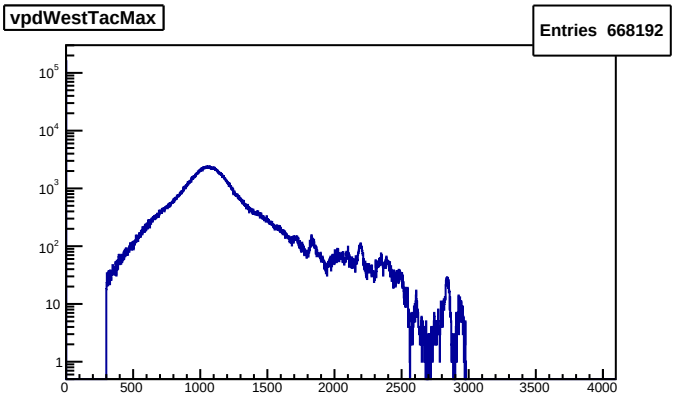

vpdEastAdcSumVsSimu
Entries 349690
Data
Simu

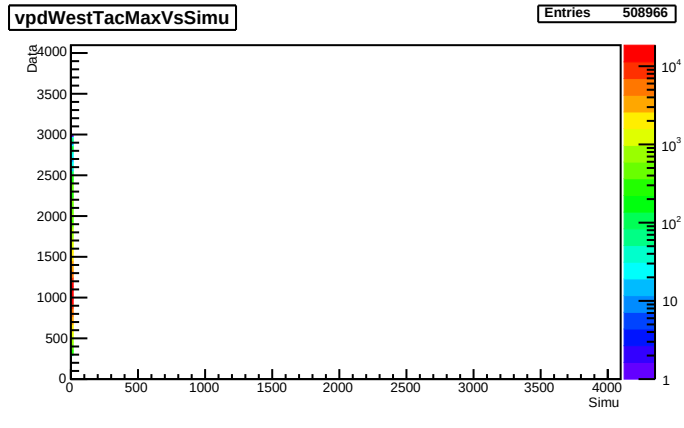

vpdEastTacMax
Entries 668192

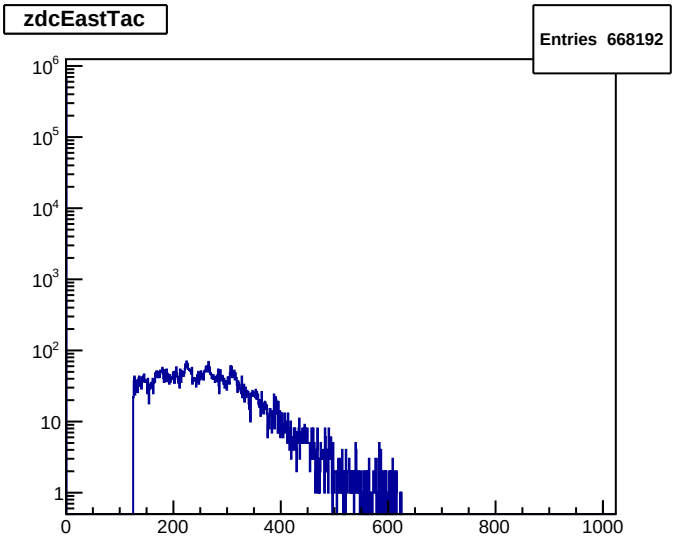

vpdEastTacMaxVsSimu
Entries 349690
Data
Simu

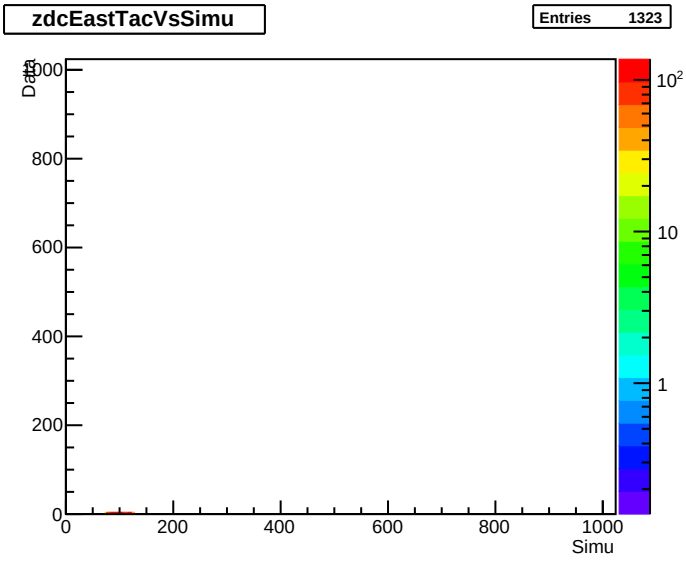

vpdWestAdcSum
Entries 668192

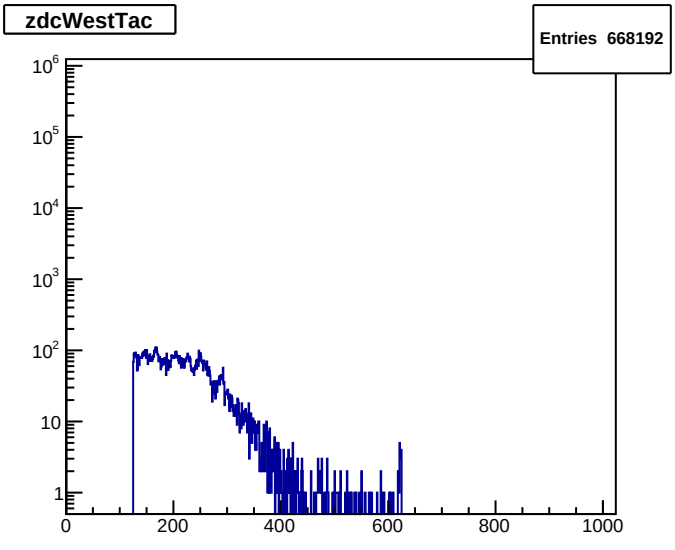

vpdWestAdcSumVsSimu
Entries 508966
Data
Simu

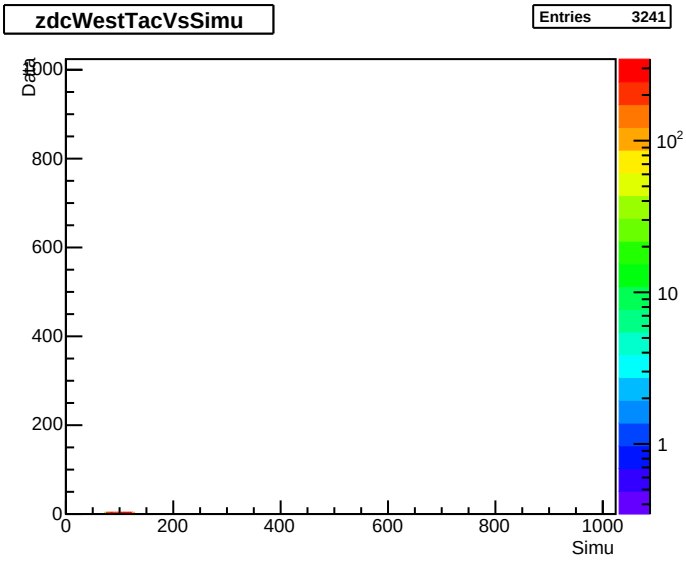

vpdWestTacMax
Entries 668192

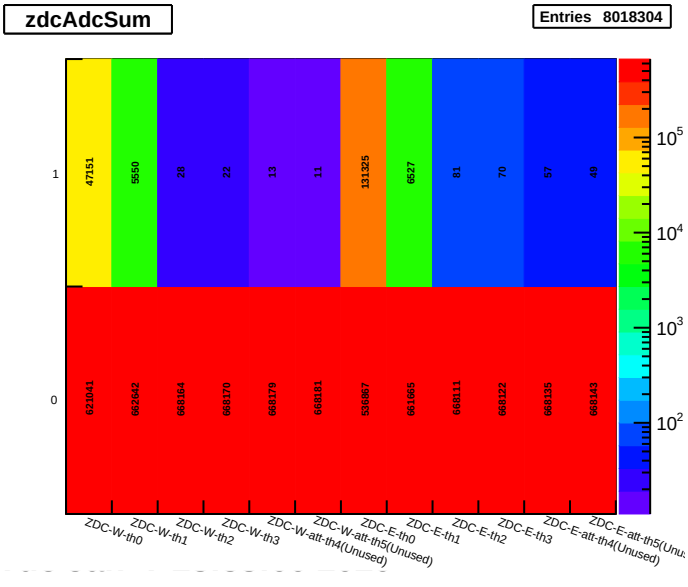

vpdWestTacMaxVsSimu
Entries 508966
Data
Simu

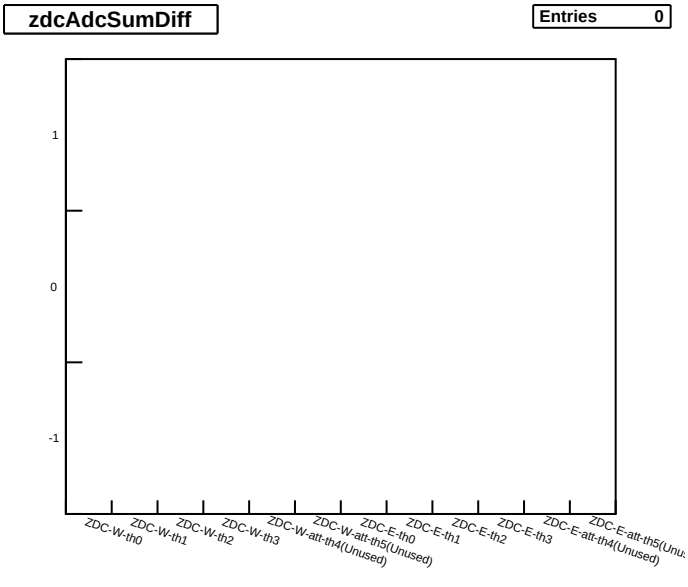

zdcEastTac
Entries 668192


zdcEastTacVsSimu
Entries 1323
Data
Simu


zdcWestTac
Entries 668192


zdcWestTacVsSimu
Entries 3241
Data
Simu


zdcAdcSum
Entries 8018304
47151
5550
28
22
13
11
131325
6527
81
70
57
49
621041
662642
668164
668170
668179
668181
536867
661665
668111
668122
668135
668143
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
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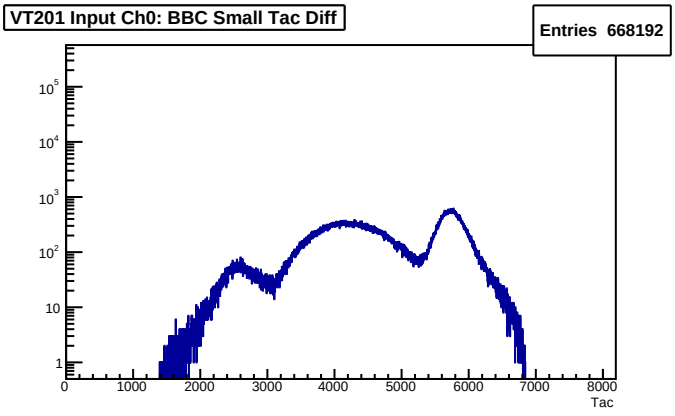
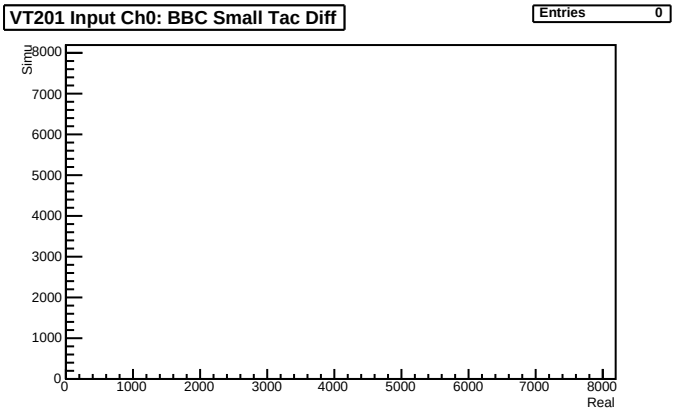
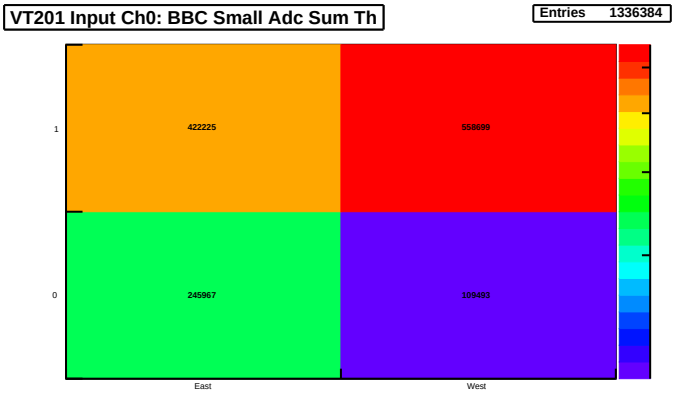
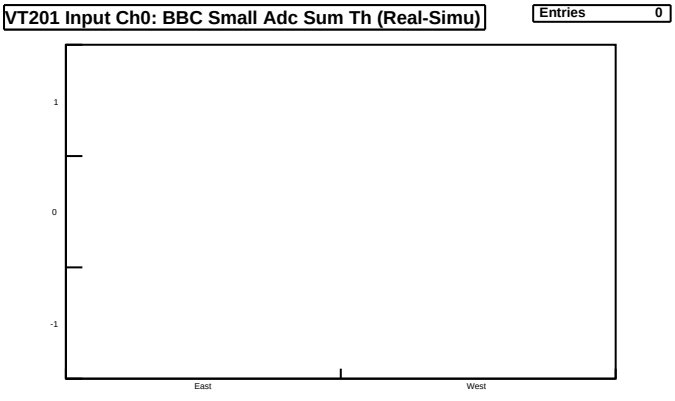
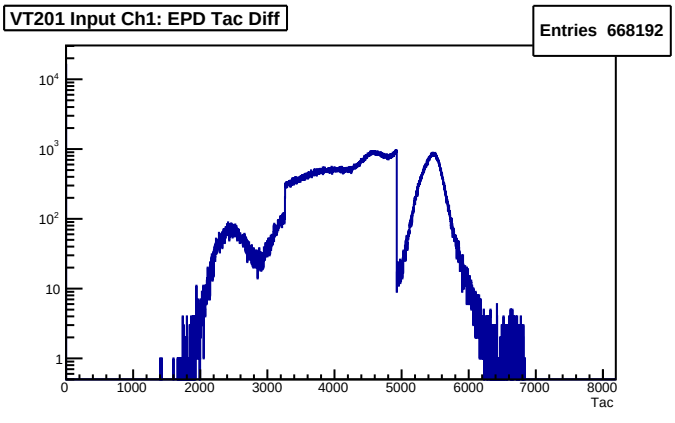
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

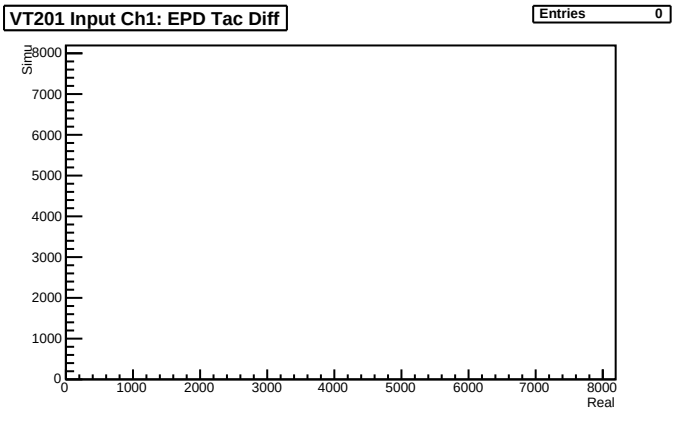

VT201 Input Ch0: BBC Small Tac Diff
Entries 668192
Tac

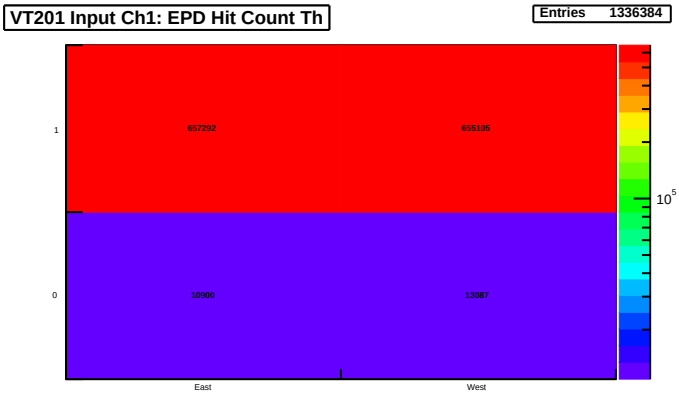

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

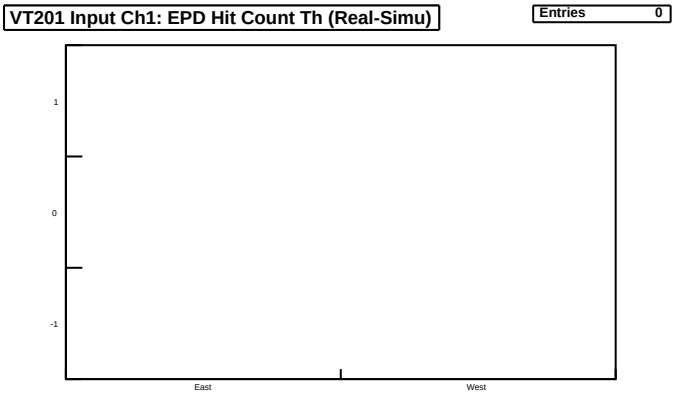

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1336384
422225
558699
245967
109493
East
West

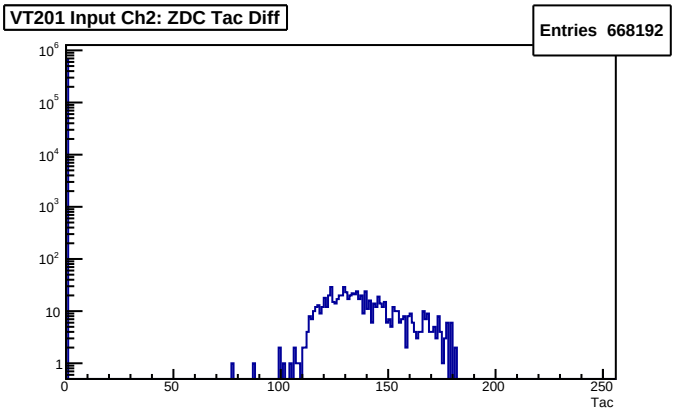

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

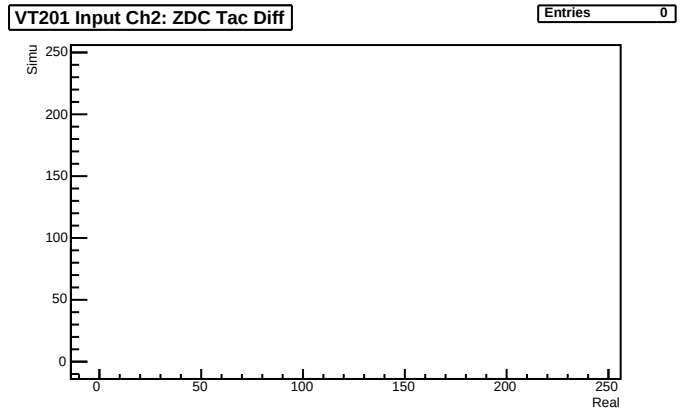

VT201 Input Ch1: EPD Tac Diff
Entries 668192
Tac

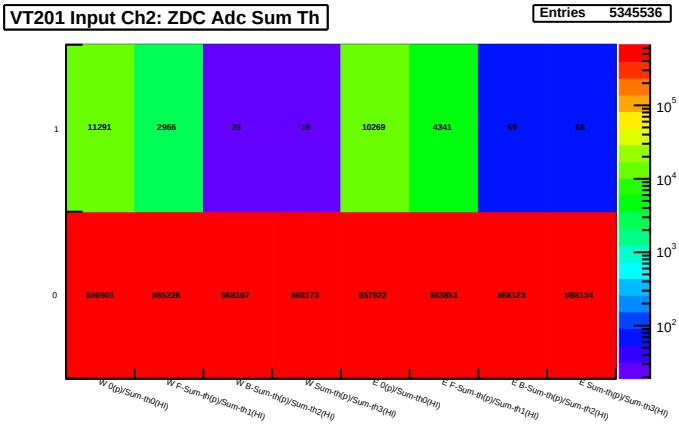

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

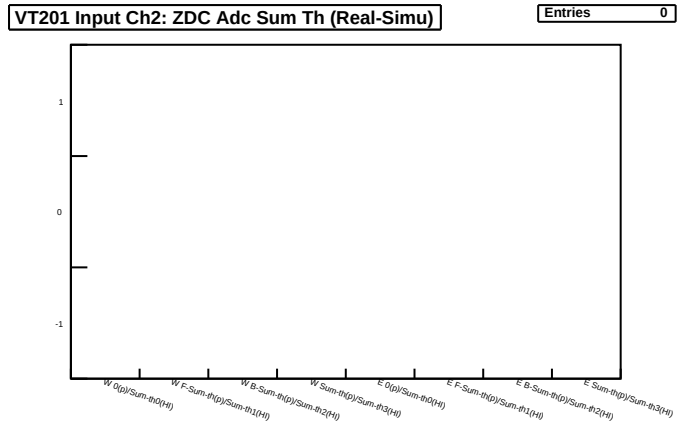

VT201 Input Ch1: EPD Hit Count Th
Entries 1336384
657292
655105
10900
13087
East
West

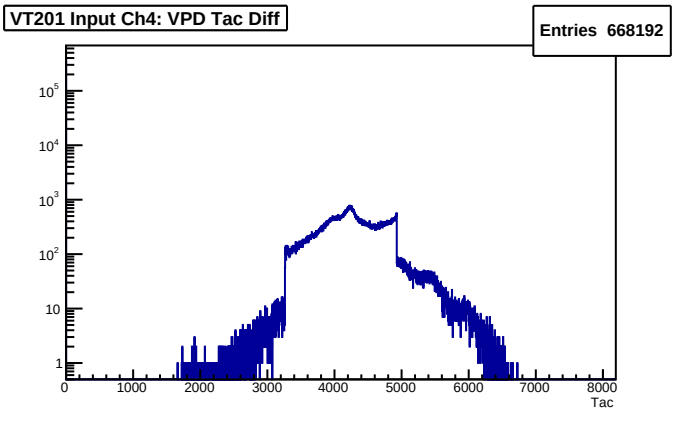

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

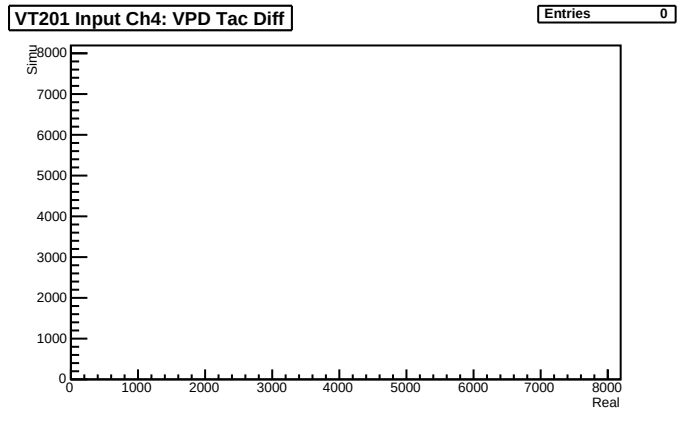

VT201 Input Ch2: ZDC Tac Diff
Entries 668192
Tac

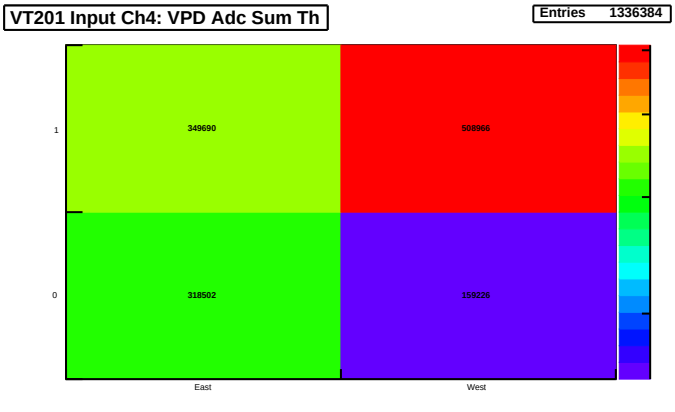

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

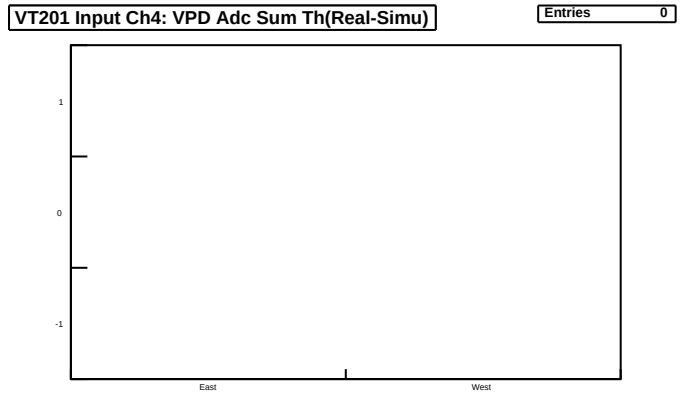

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5345536
11291
2966
25
19
10269
4341
69
58
656901
665226
668167
668173
657923
663851
668123
668134
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

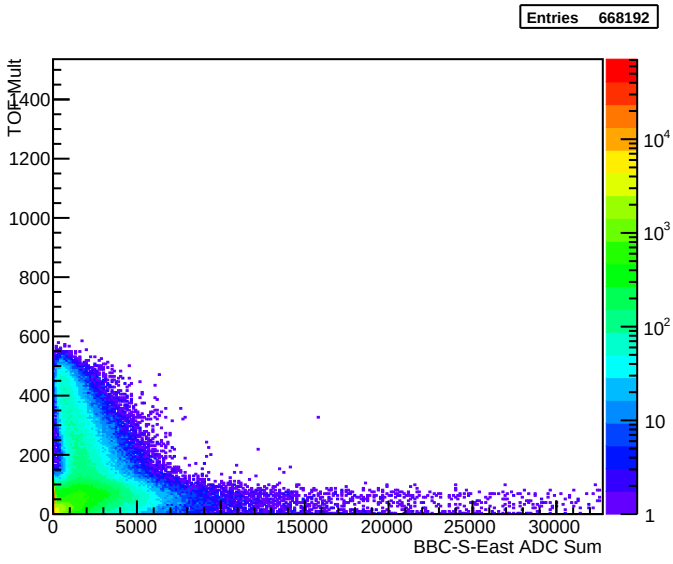

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

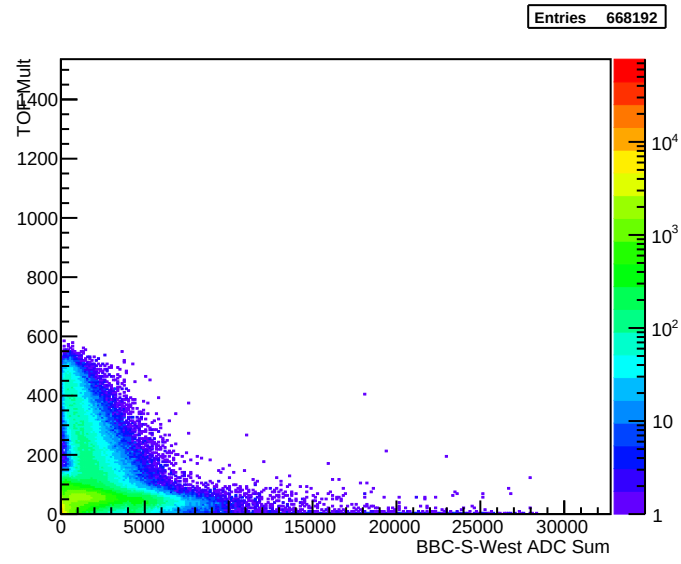

VT201 Input Ch4: VPD Tac Diff
Entries 668192
Tac

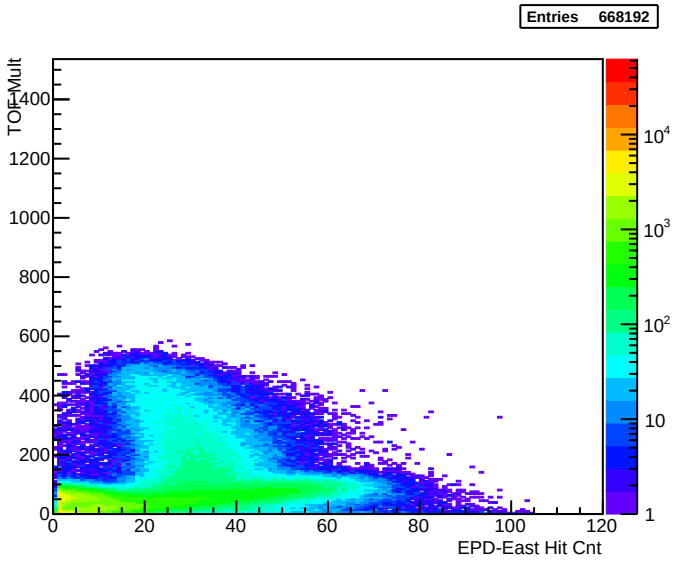

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

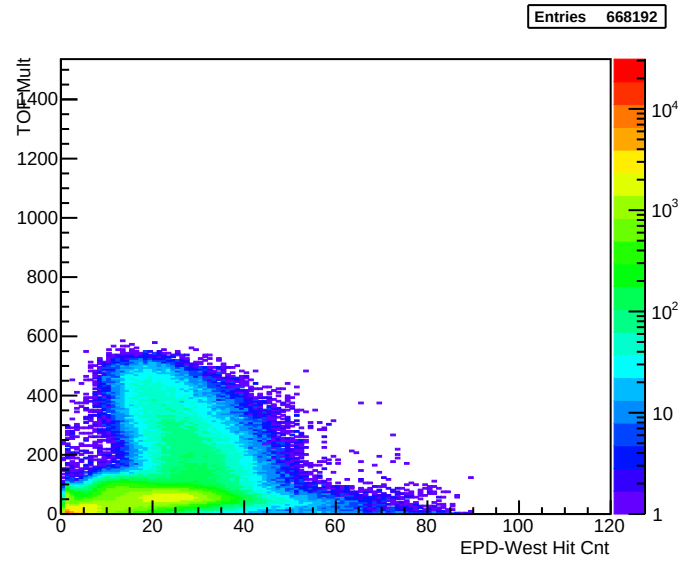

VT201 Input Ch4: VPD Adc Sum Th
Entries 1336384
349690
509966
318502
159226
East
West

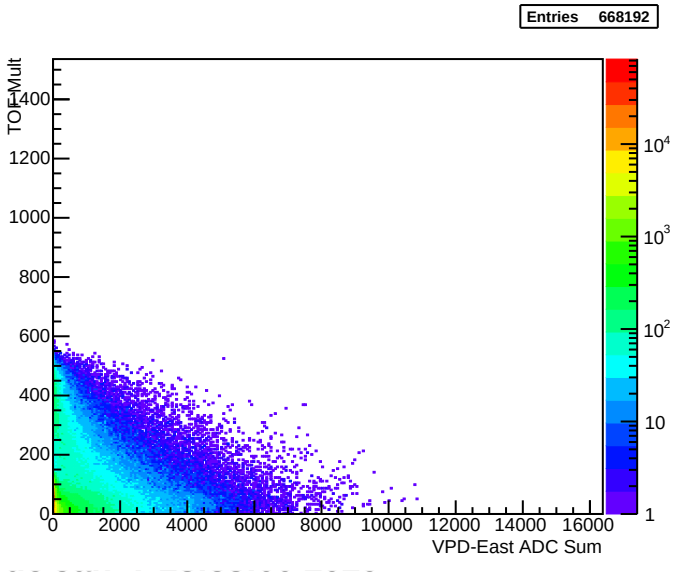

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

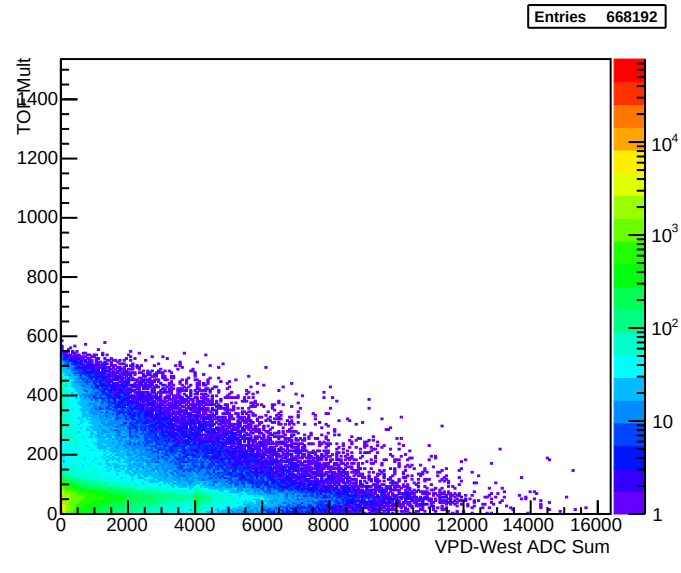

Entries 668192
TOF-Mult
BBC-S-East ADC Sum

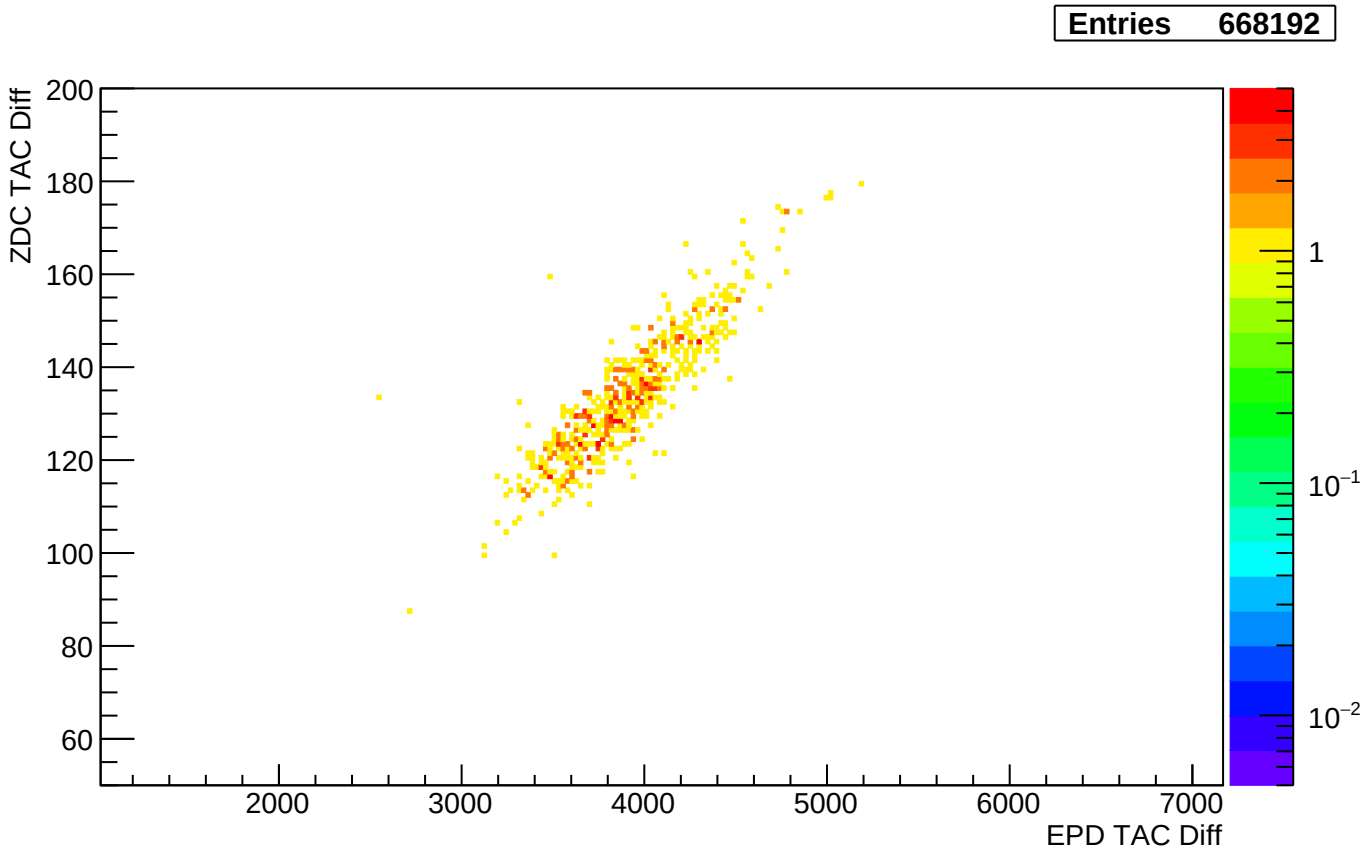

Entries 668192
TOF-Mult
BBC-S-West ADC Sum

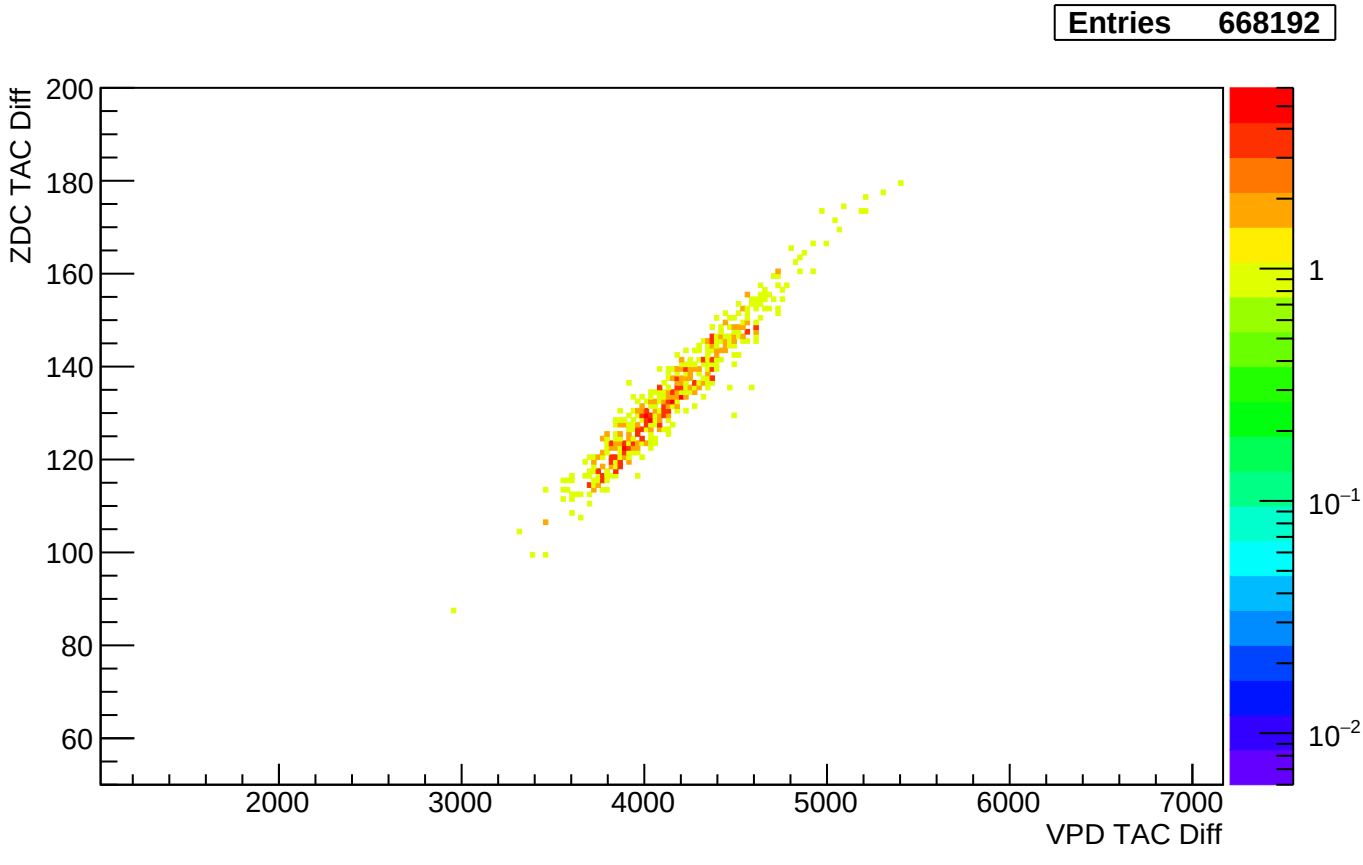

Entries 668192
TOF-Mult
EPD-East Hit Cnt

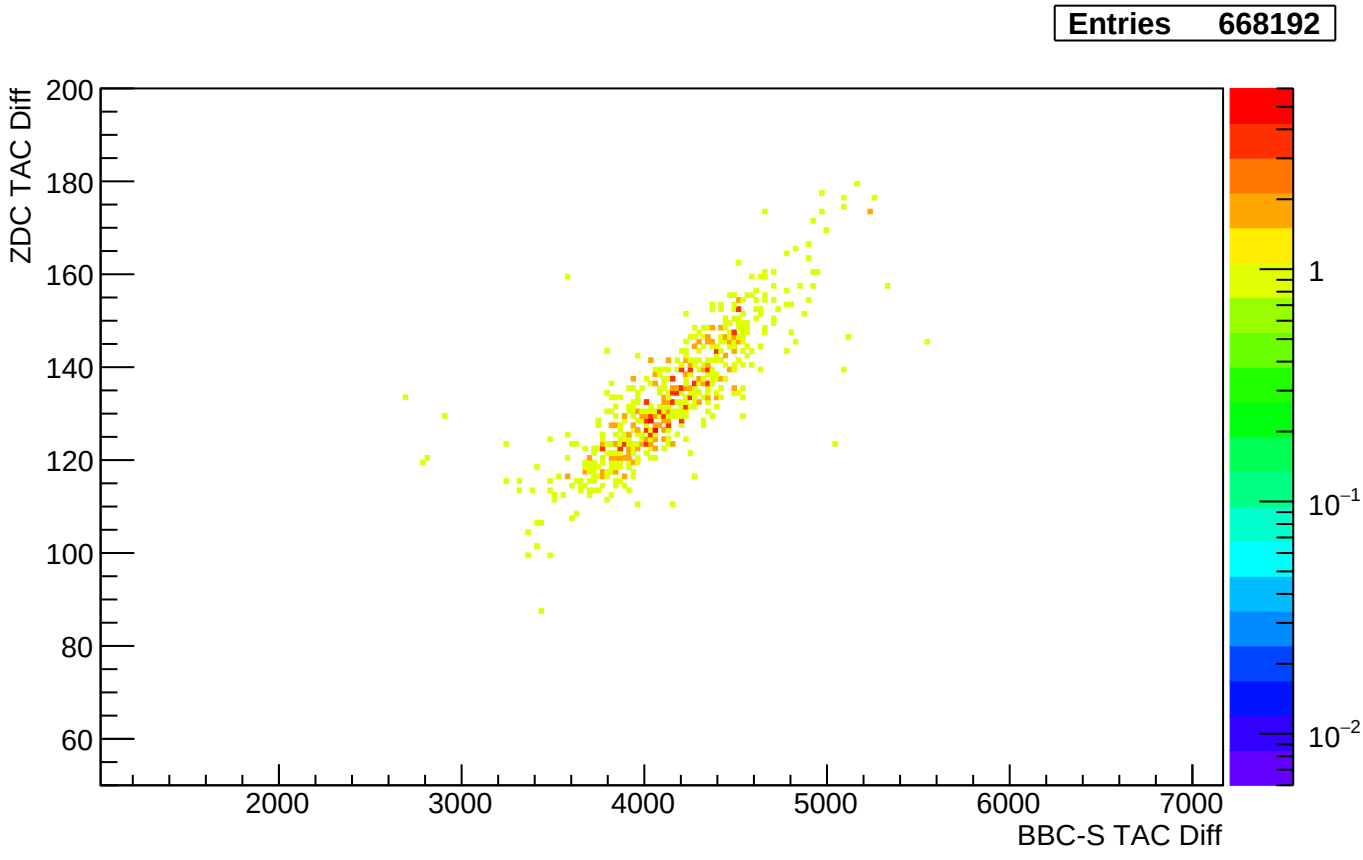

Entries 668192
TOF-Mult
EPD-West Hit Cnt

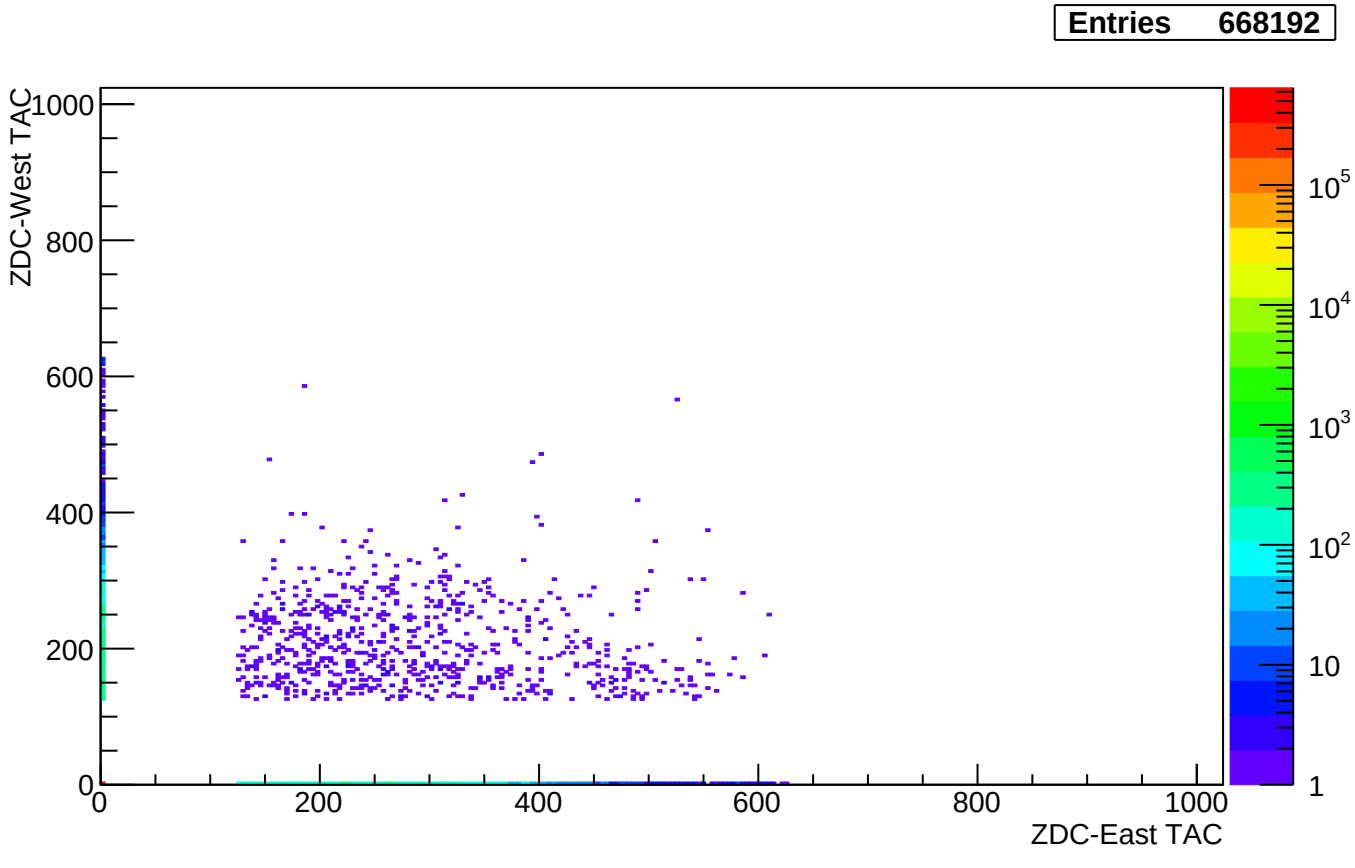

Entries 668192
TOF-Mult
VPD-East ADC Sum

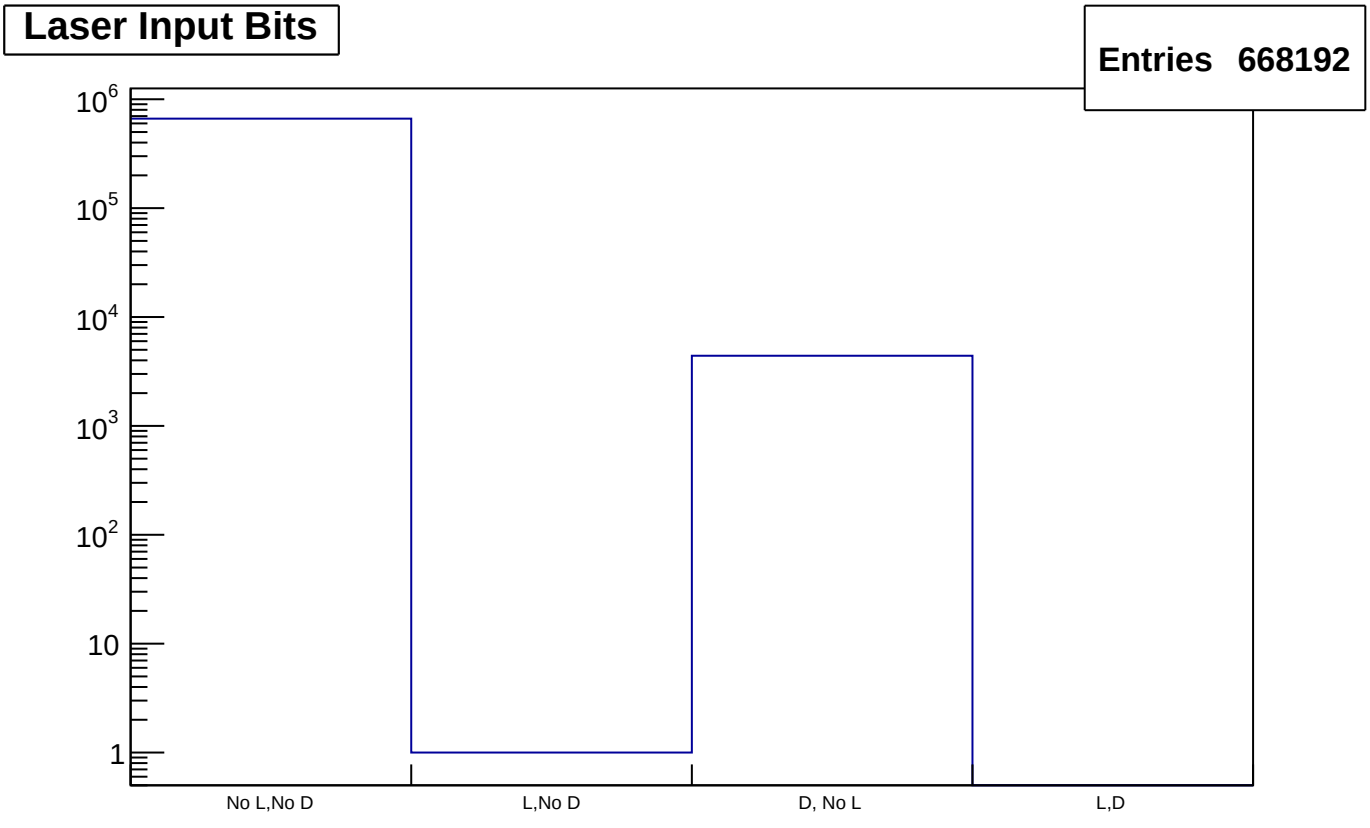

Entries 668192
TOF-Mult
VPD-West ADC Sum

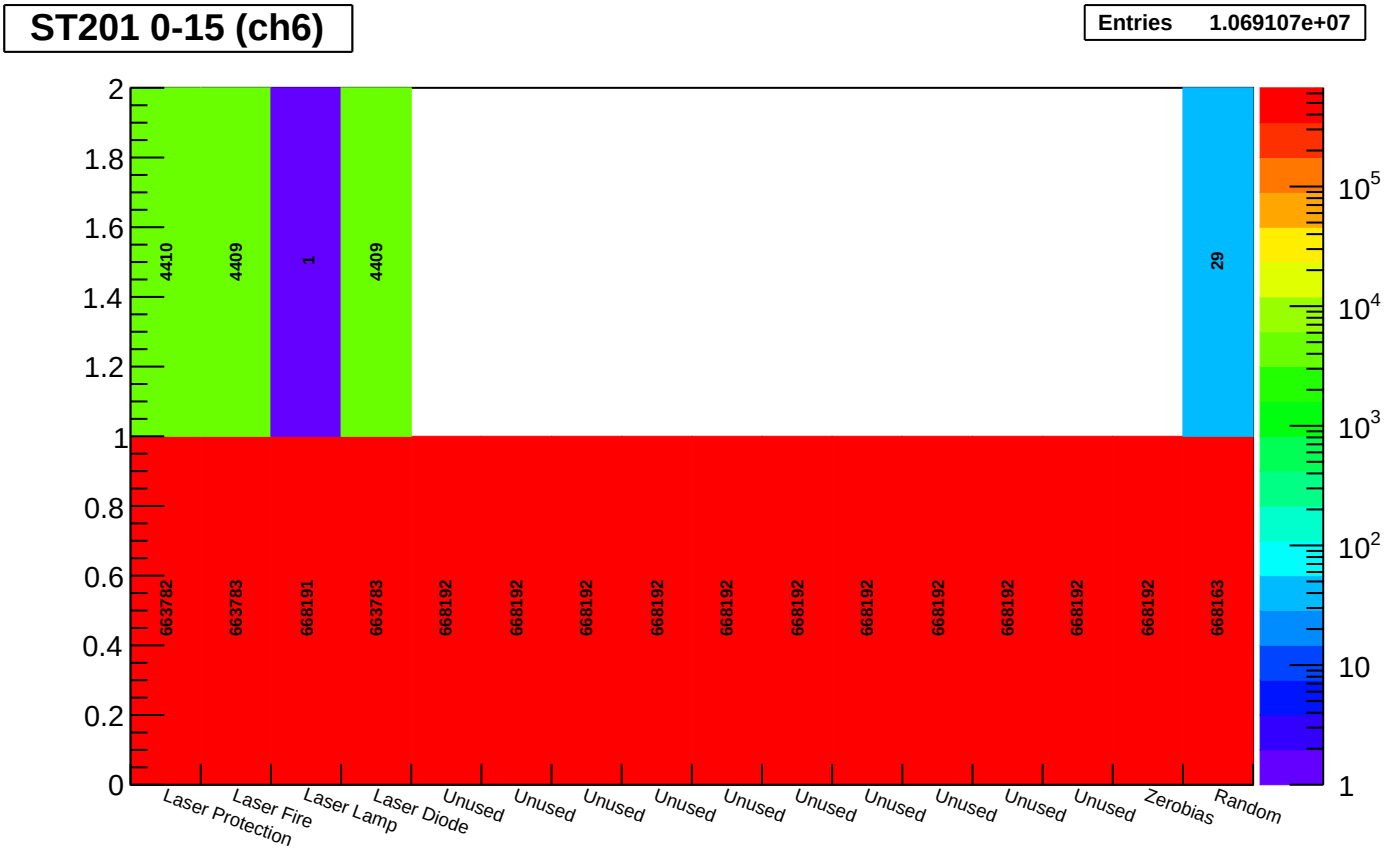

Entries 668192
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

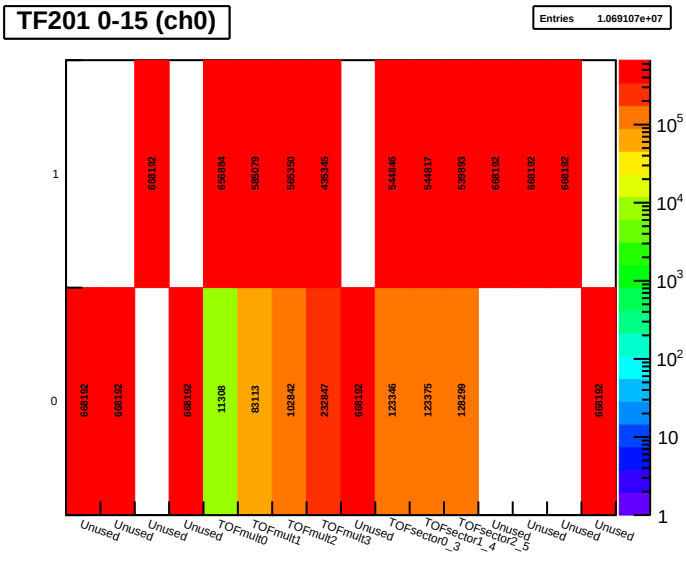

Entries 668192
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

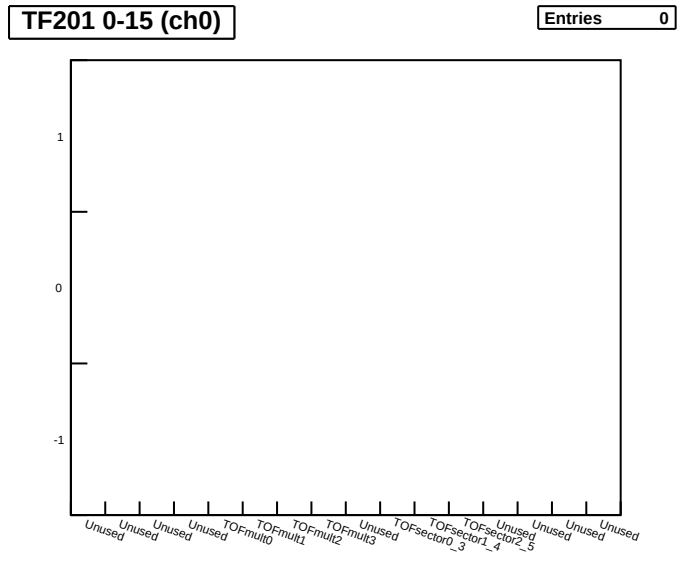

Entries 668192
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

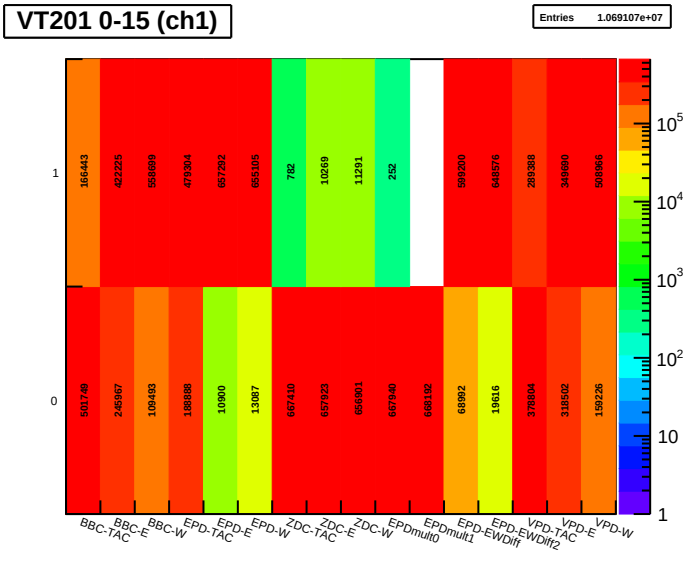

Entries 668192
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

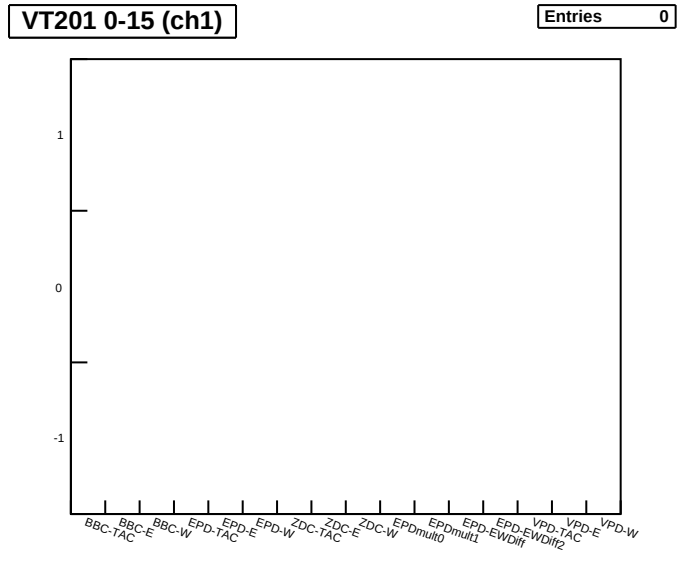

Laser Input Bits
Entries 668192
10^6
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

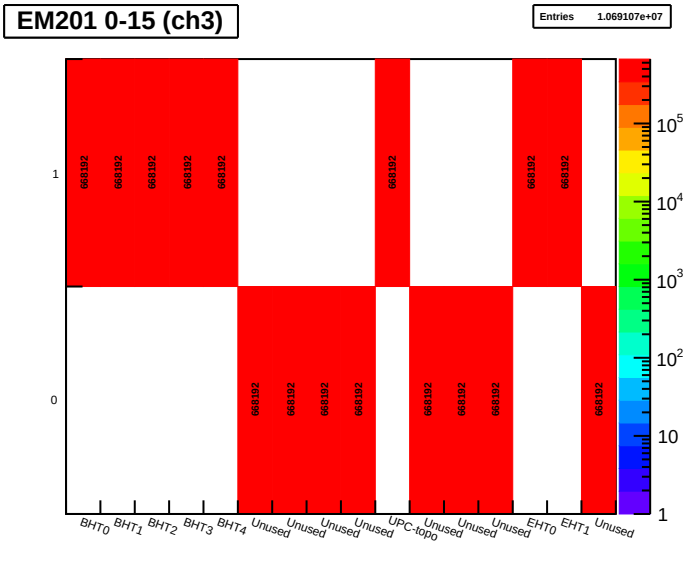

ST201 0-15 (ch6)
Entries 1.069107e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
4410
4409
1
4409
29
663782
663783
668191
663783
668192
668192
668192
668192
668192
668192
668192
668192
668192
668192
668192
668163
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

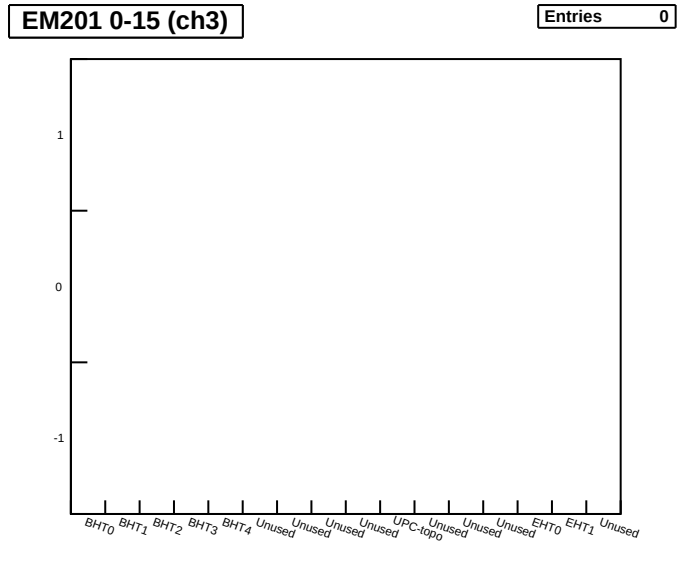

TF201 0-15 (ch0)
Entries 1.069107e+07
1
0
668192 656884 585079 565350 435345 544846 544817 539893 668192 668192 668192
668192 668192 668192 11308 83113 102842 232847 668192 122346 122375 128299 668192
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


VT201 0-15 (ch1)
Entries 1.069107e+07
1
0
166443 422225 558699 473304 657292 655105 782 10269 11291 232 599200 648576 289388 346690 508966
501749 245967 109493 188888 10900 13087 667410 657923 656001 667940 668192 68992 19616 378804 318502 159236
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 1.069107e+07
1
0
668192 668192 668192 668192 668192 668192 668192 668192
668192 668192 668192 668192 668192 668192 668192 668192
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
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 Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused