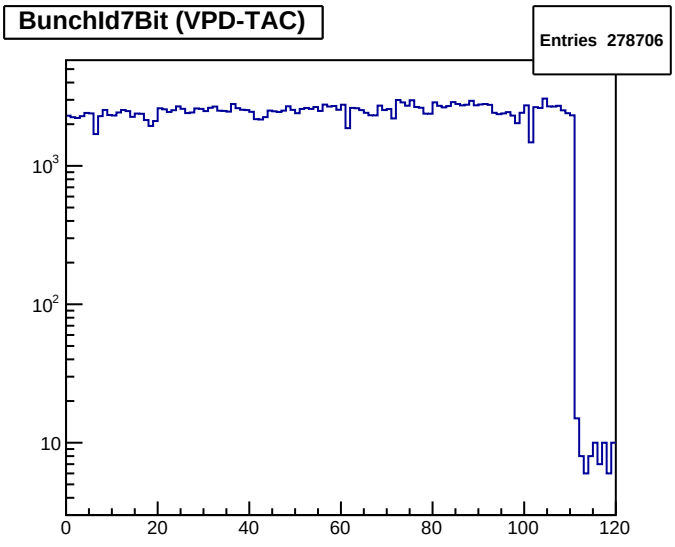
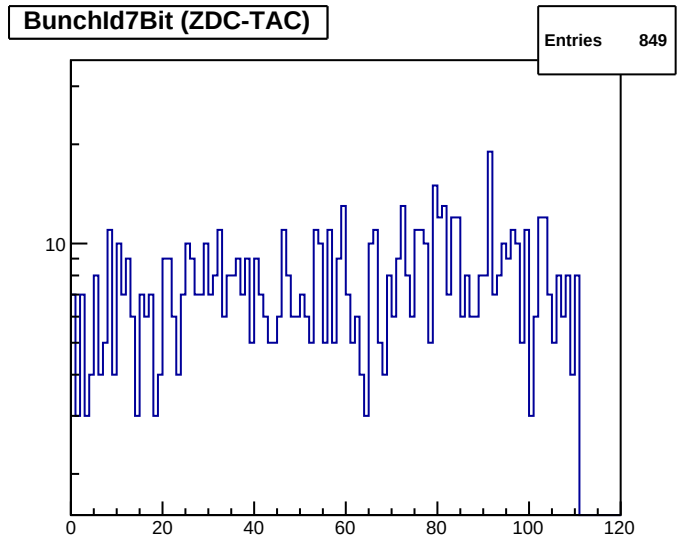
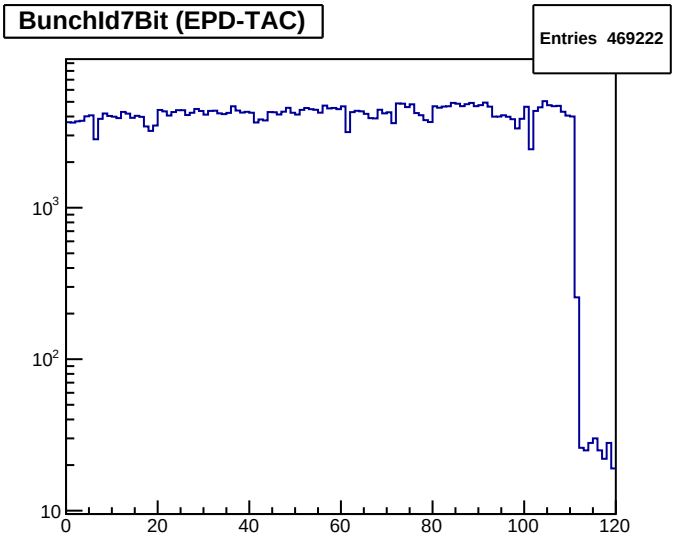
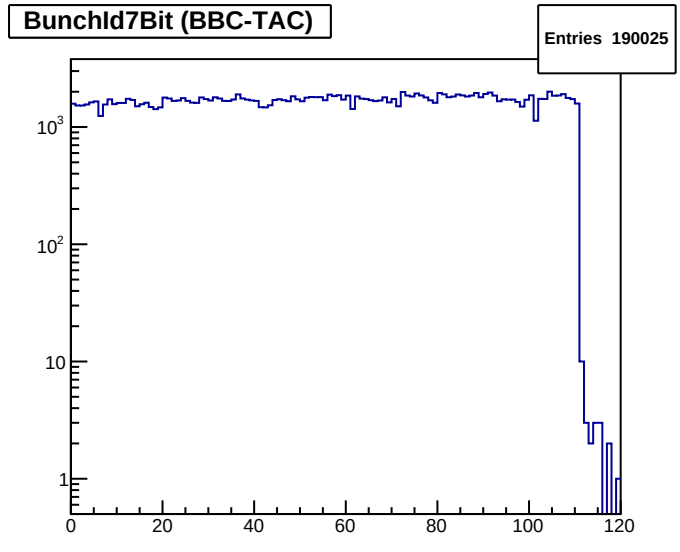
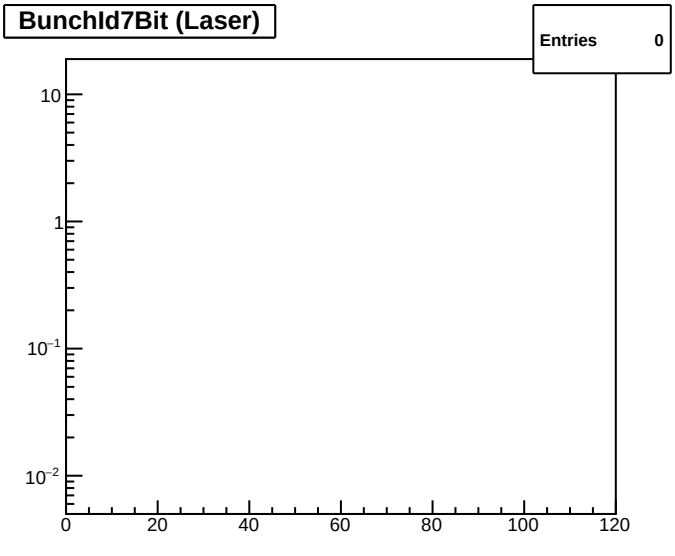
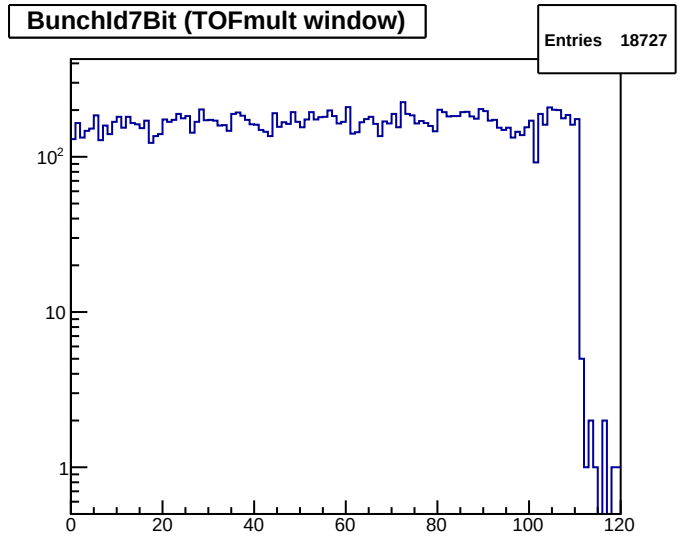

BunchId7Bit (VPD-TAC)
Entries 278706

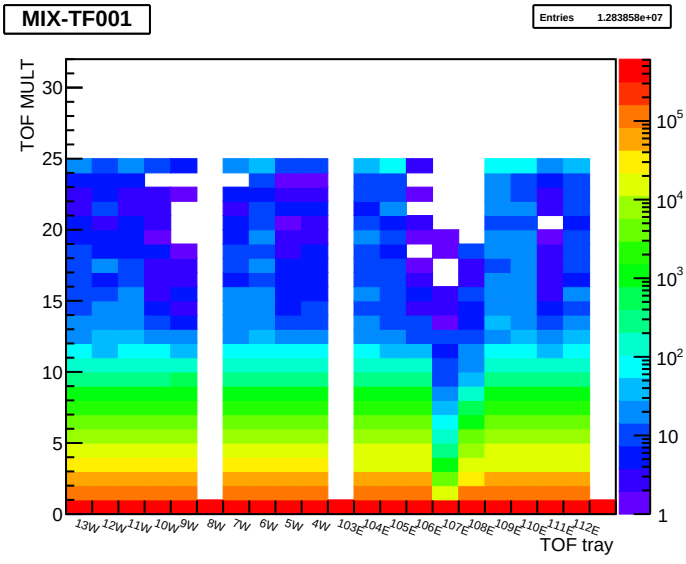

BunchId7Bit (ZDC-TAC)
Entries 849

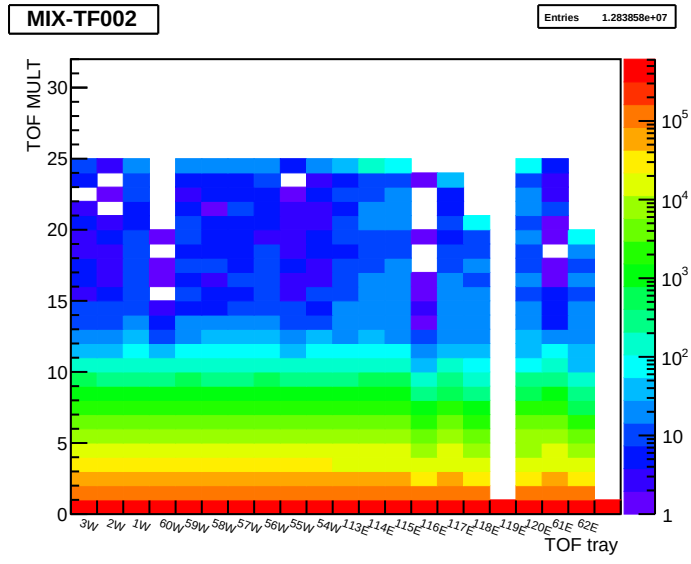

BunchId7Bit (EPD-TAC)
Entries 469222

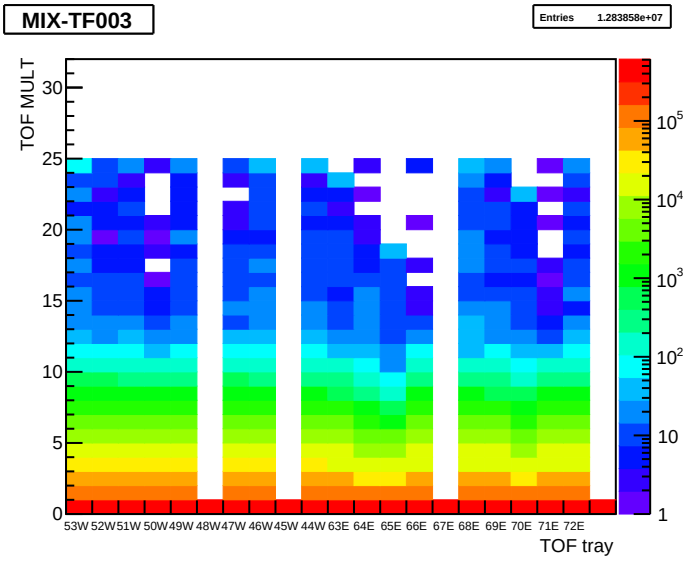

BunchId7Bit (BBC-TAC)
Entries 190025

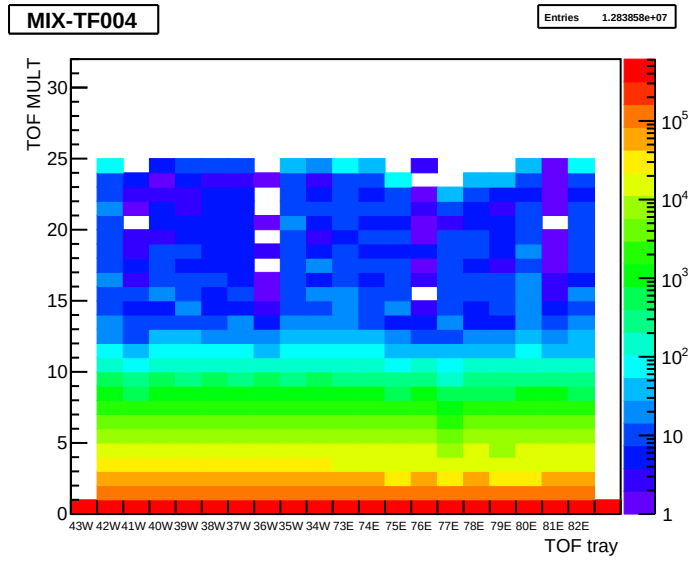

BunchId7Bit (Laser)
Entries 0

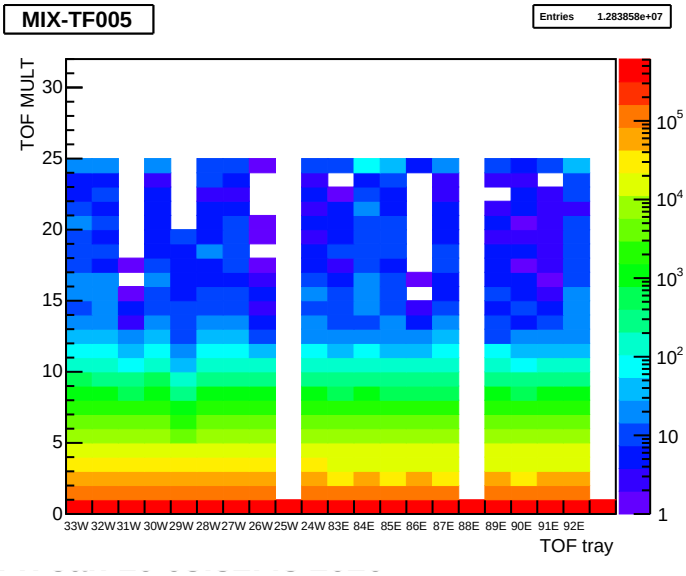

BunchId7Bit (TOFmult window)
Entries 18727

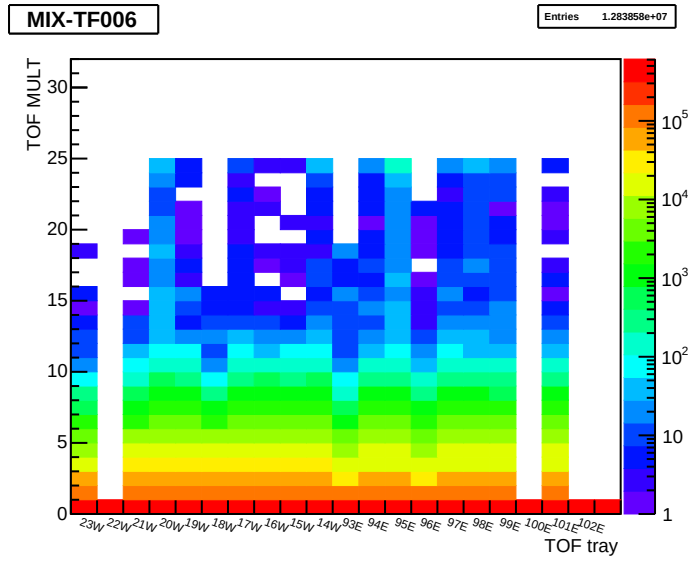

MIX-TF001
Entries 1.283858e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

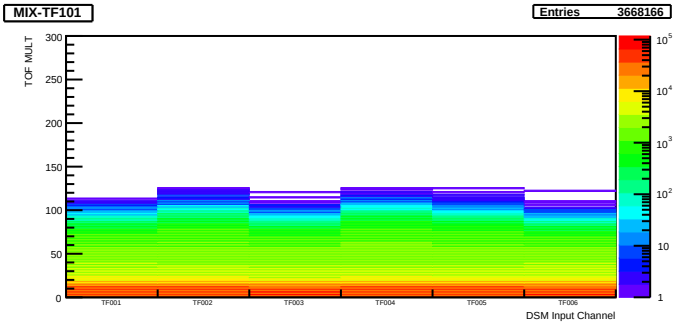

MIX-TF002
Entries 1.283858e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

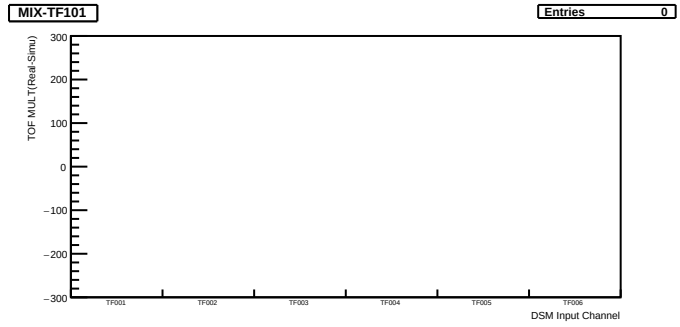

MIX-TF003
Entries 1.283858e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

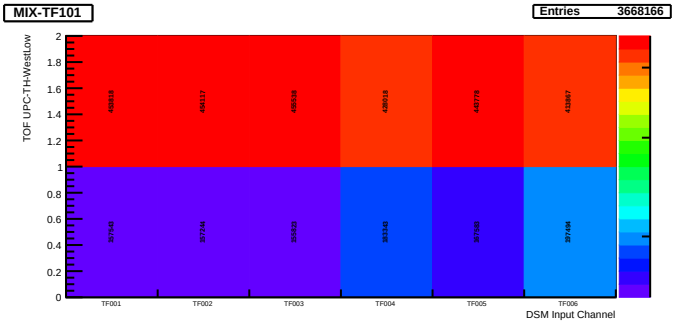

MIX-TF004
Entries 1.283858e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

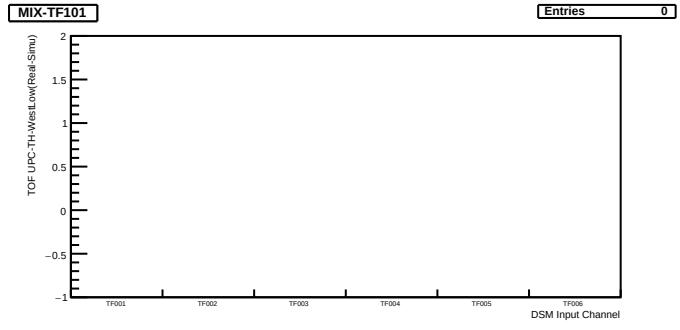

MIX-TF005
Entries 1.283858e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

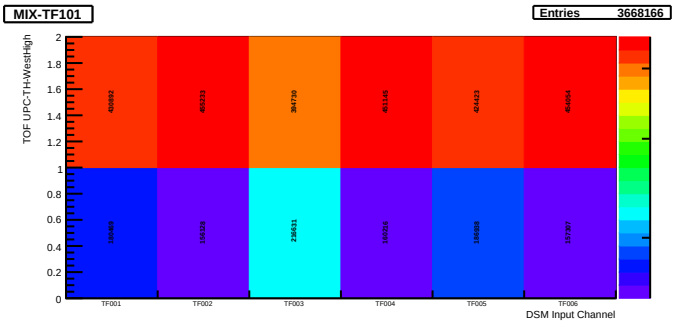

MIX-TF006
Entries 1.283858e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

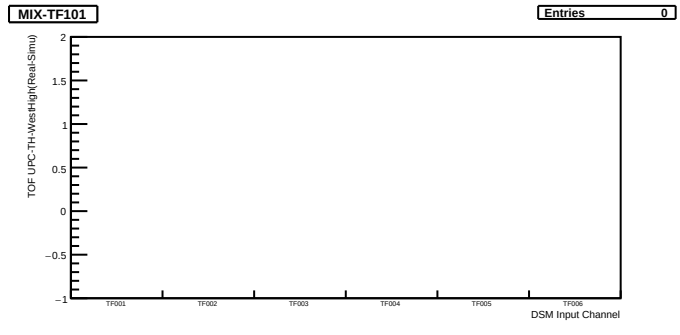

MIX-TF101
Entries 3668166
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

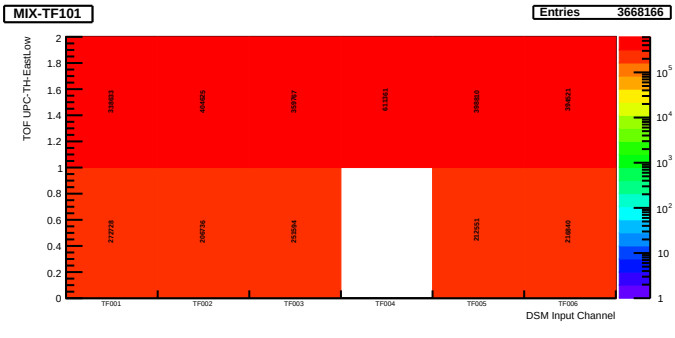

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

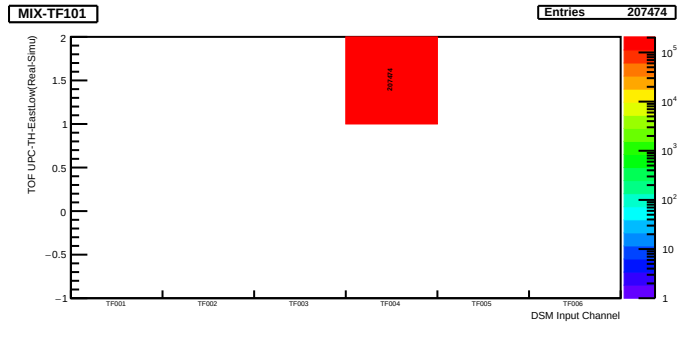

MIX-TF101
Entries 3668166
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

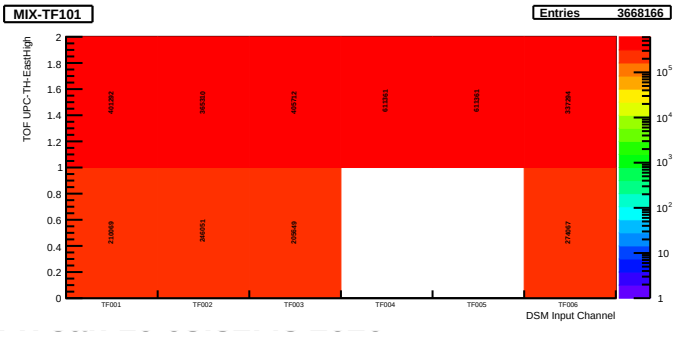

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

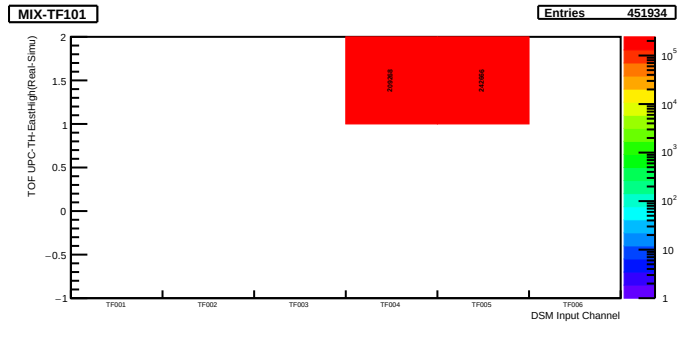

MIX-TF101
Entries 3668166
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

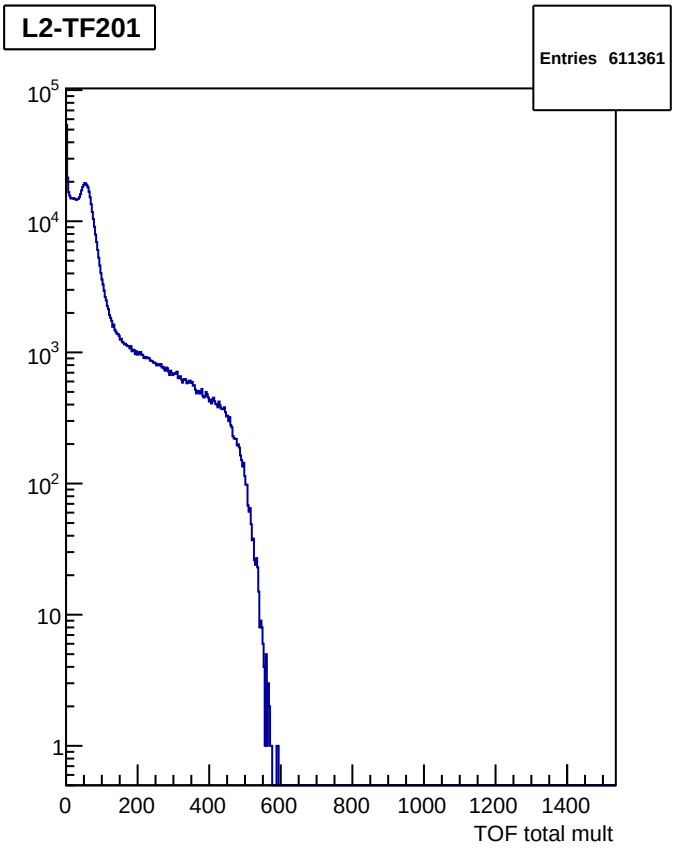

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

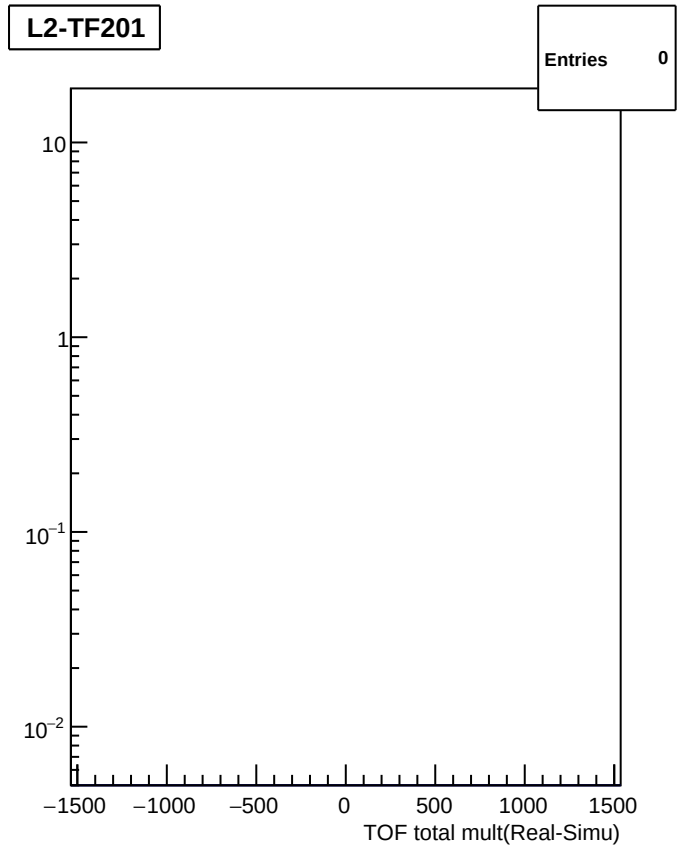

MIX-TF101
Entries 3668166
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

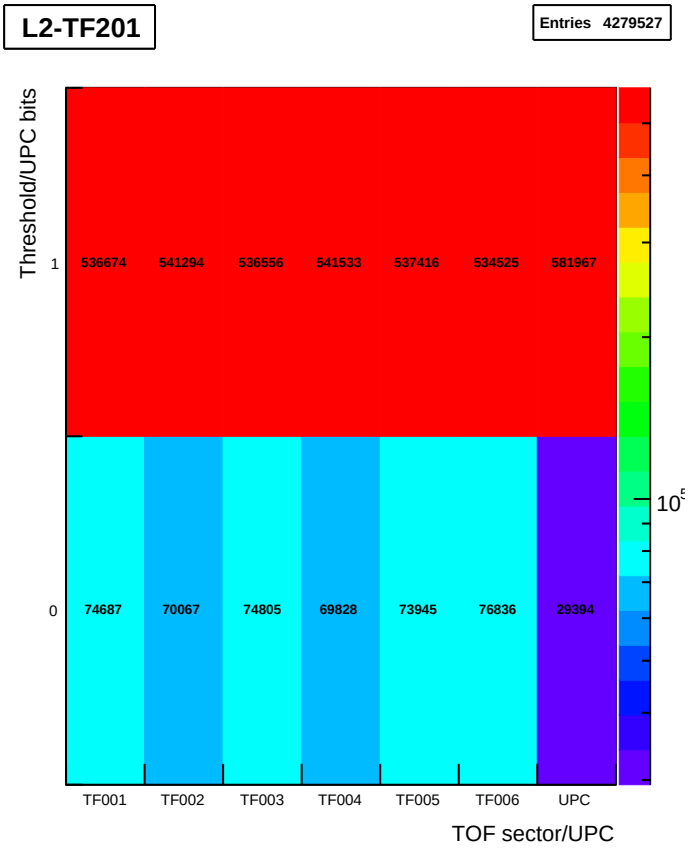

MIX-TF101
Entries 207474
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

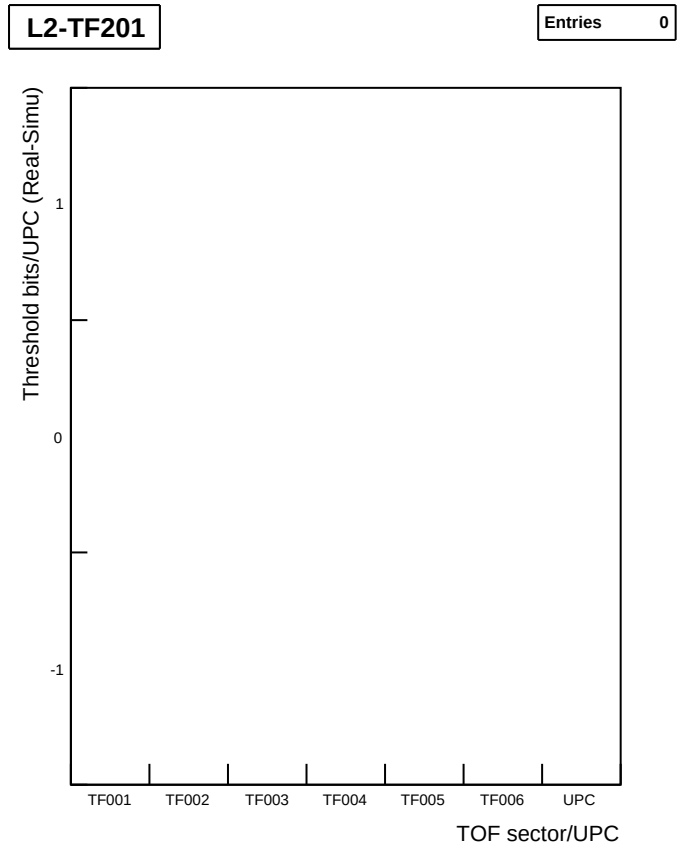

MIX-TF101
Entries 3668166
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

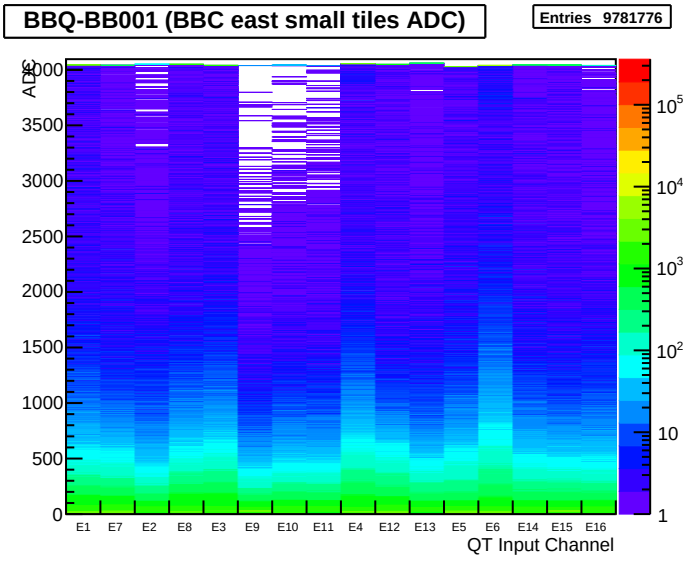

MIX-TF101
Entries 451934
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

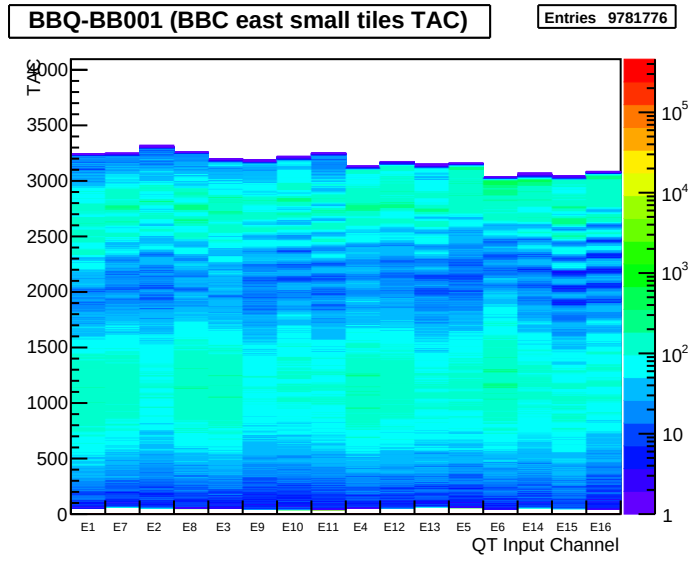

L2-TF201
Entries 611361
TOF total mult

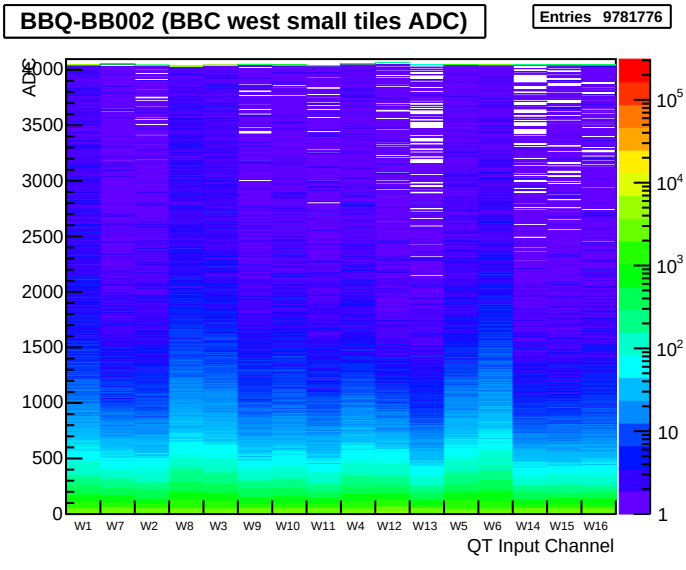

L2-TF201
Entries 0
TOF total mult(Real-Simu)

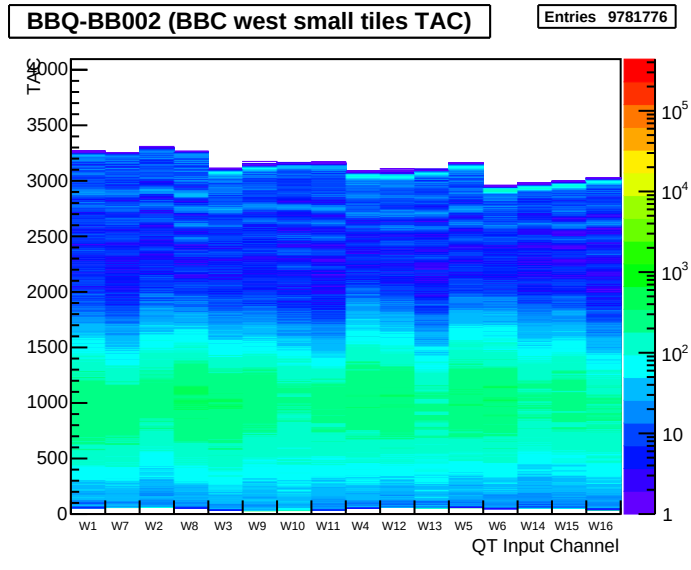

L2-TF201
Entries 4279527
Threshold/UPC bits
536674
541294
536556
541533
537416
534525
581967
74687
70067
74805
69828
73945
76836
29394
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

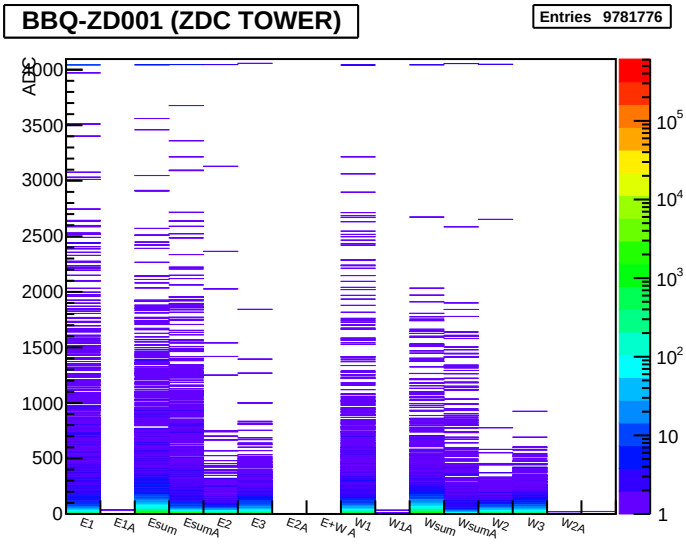

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

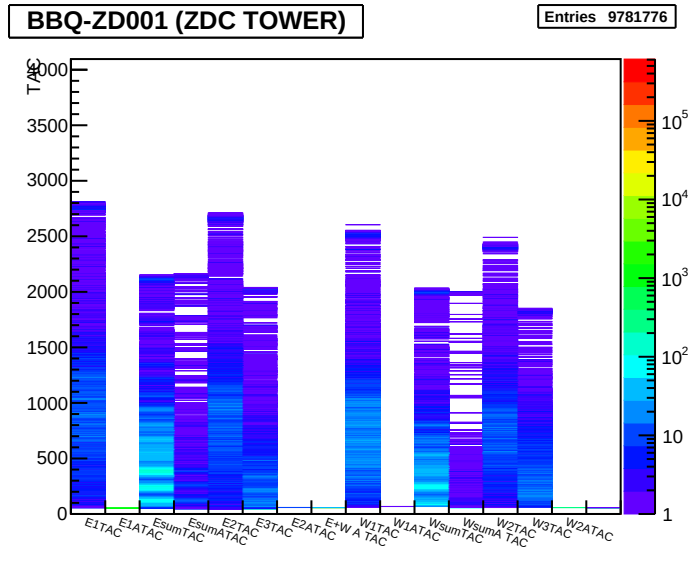

BBQ-BB001 (BBC east small tiles ADC)
Entries 9781776
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

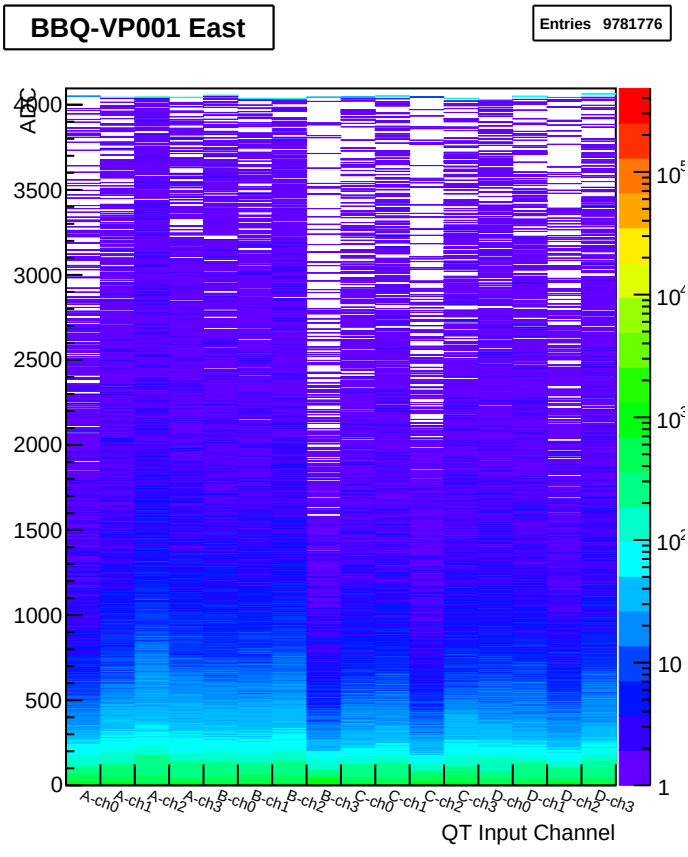

BBQ-BB001 (BBC east small tiles TAC)
Entries 9781776
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

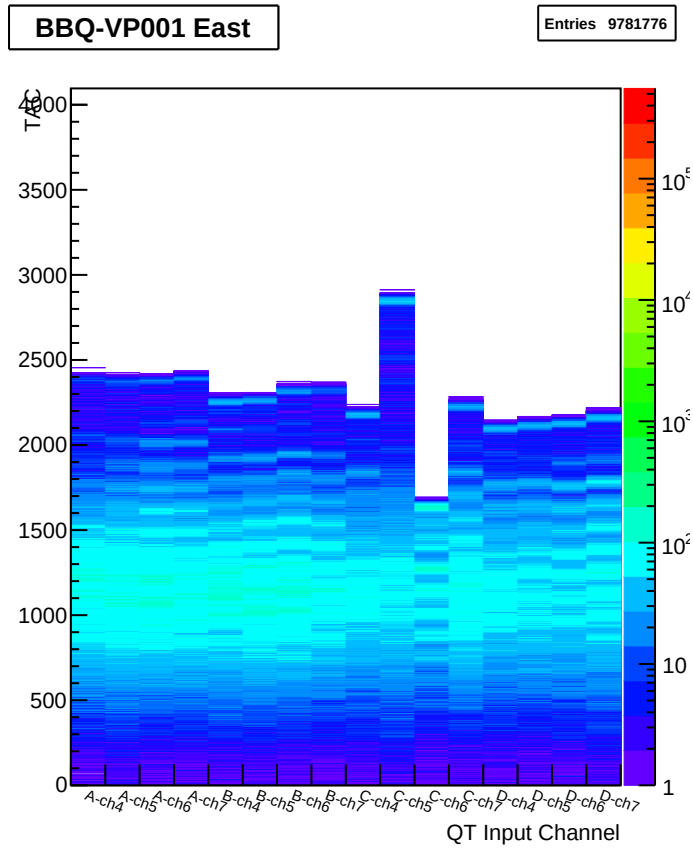

BBQ-BB002 (BBC west small tiles ADC)
Entries 9781776
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

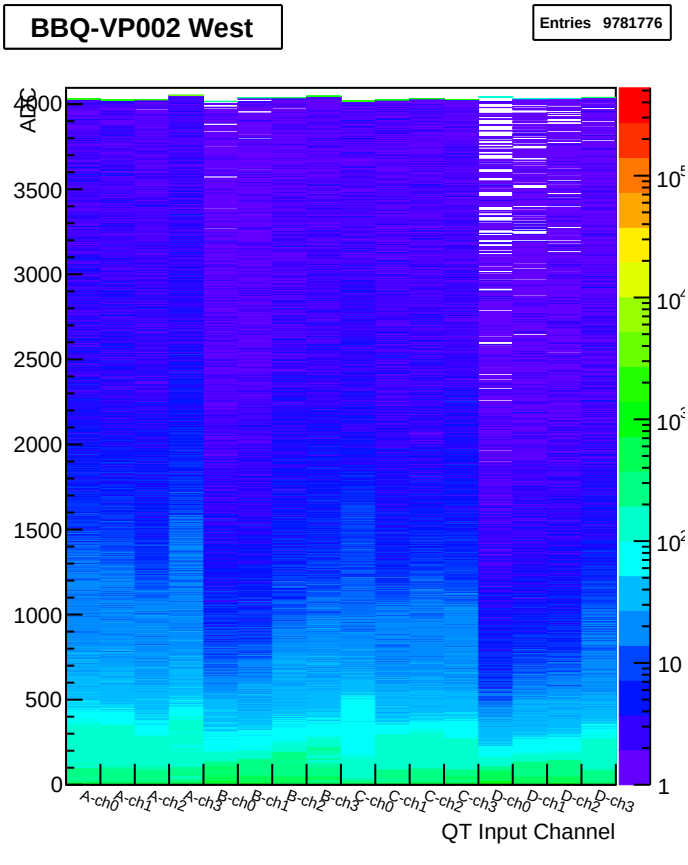

BBQ-BB002 (BBC west small tiles TAC)
Entries 9781776
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

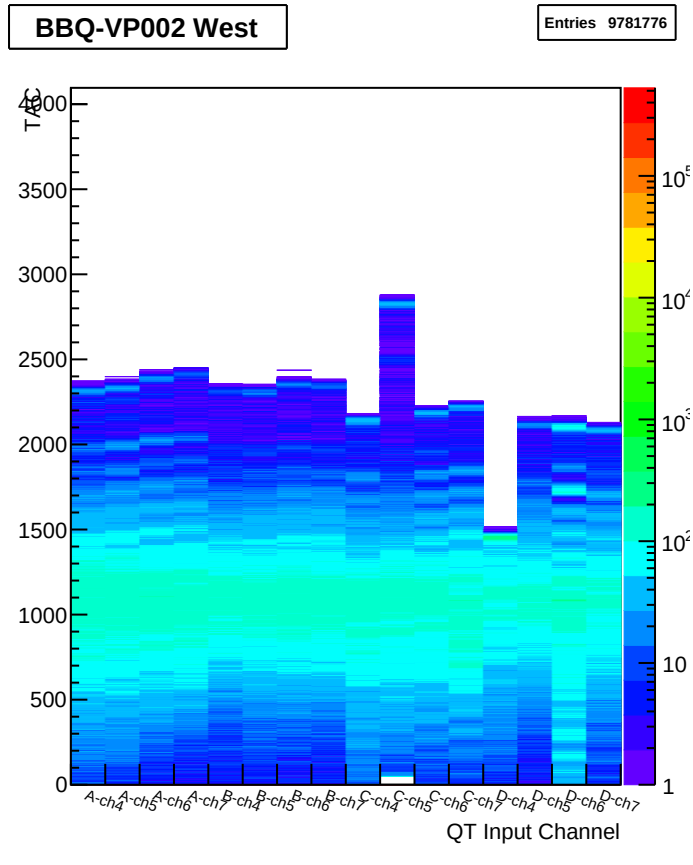

BBQ-ZD001 (ZDC TOWER)
Entries 9781776
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

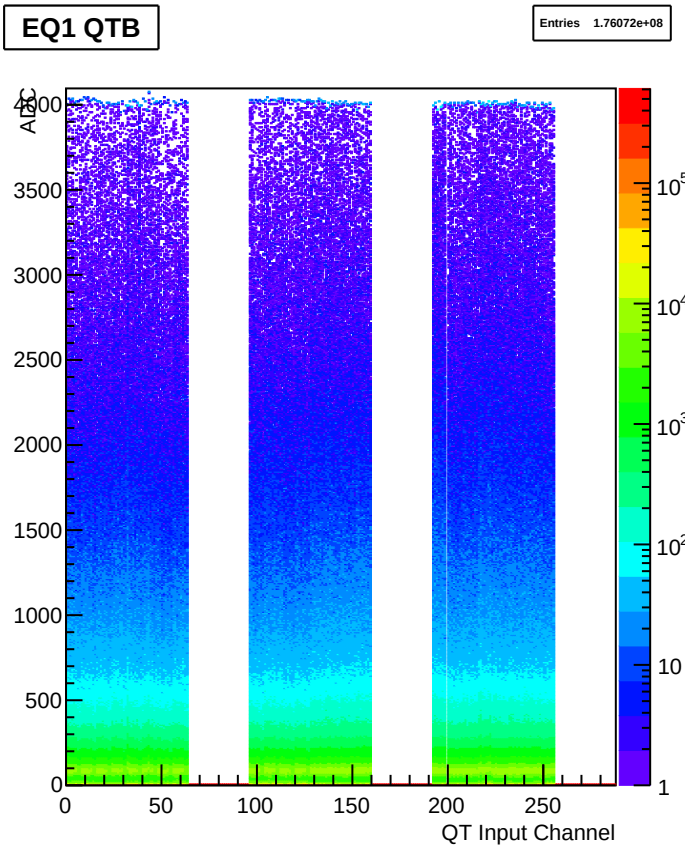

BBQ-ZD001 (ZDC TOWER)
Entries 9781776
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

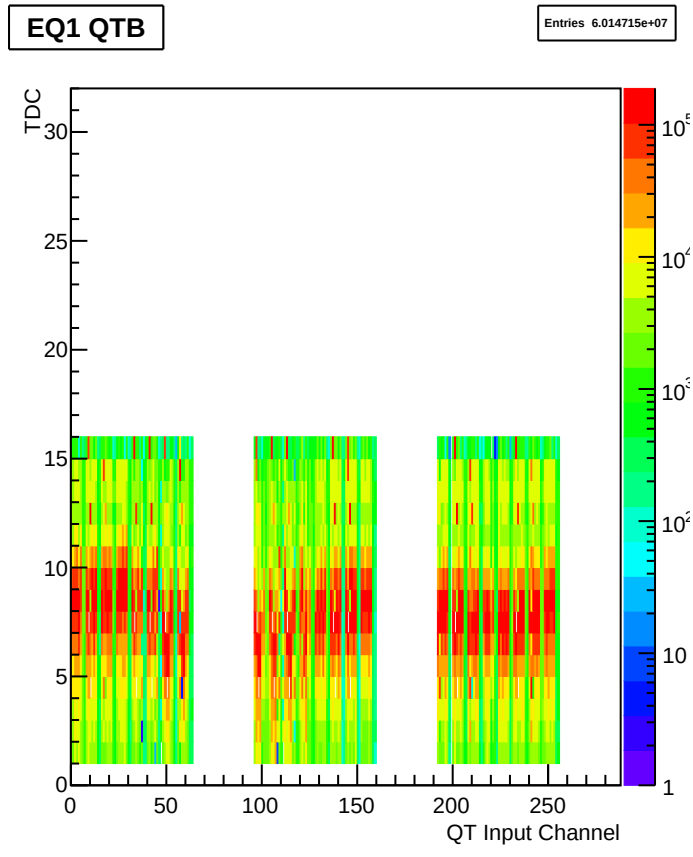

BBQ-VP001 East
Entries 9781776
ADC
QT Input Channel

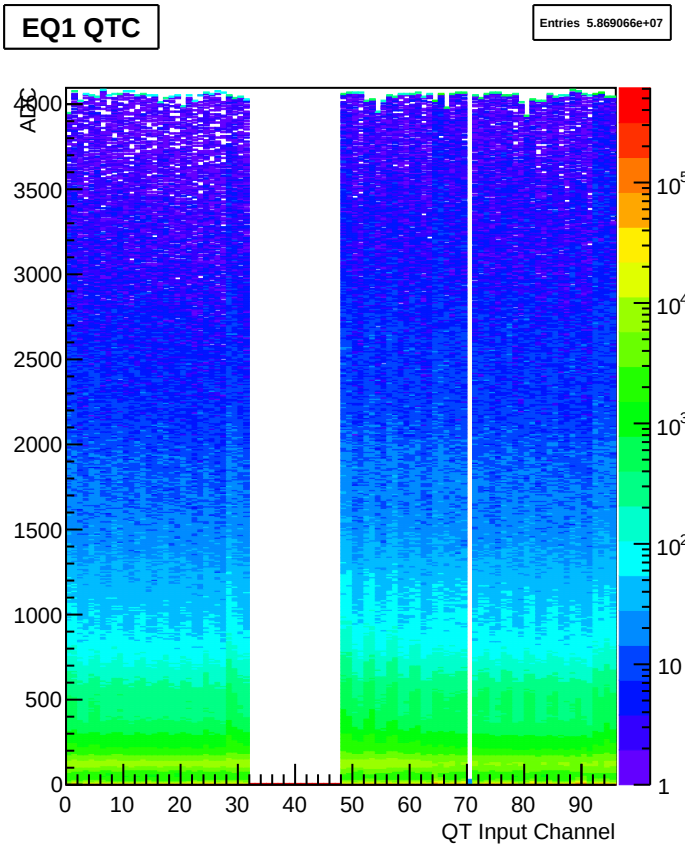

BBQ-VP001 East
Entries 9781776
ADC
QT Input Channel

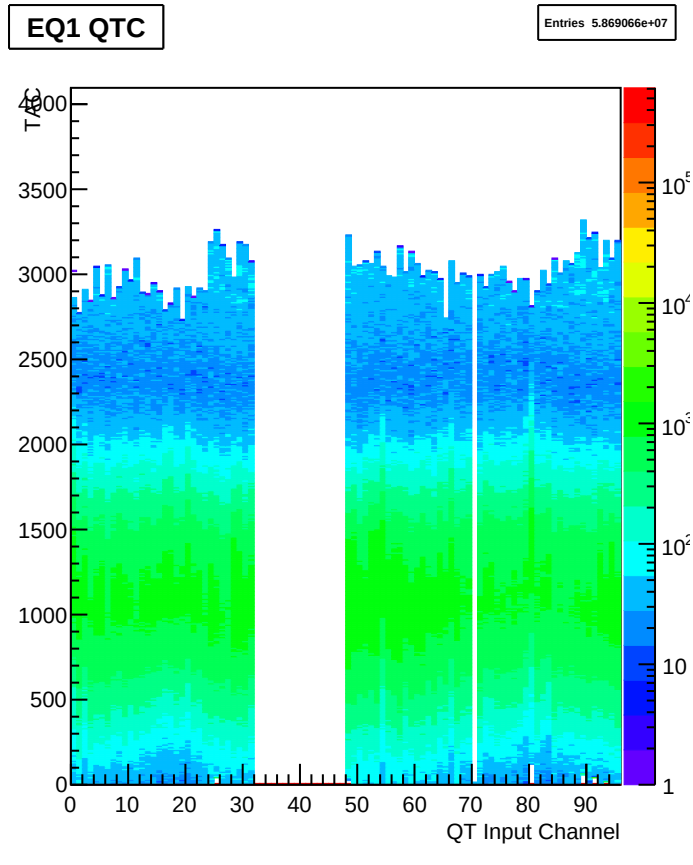

BBQ-VP002 West
Entries 9781776
ADC
QT Input Channel

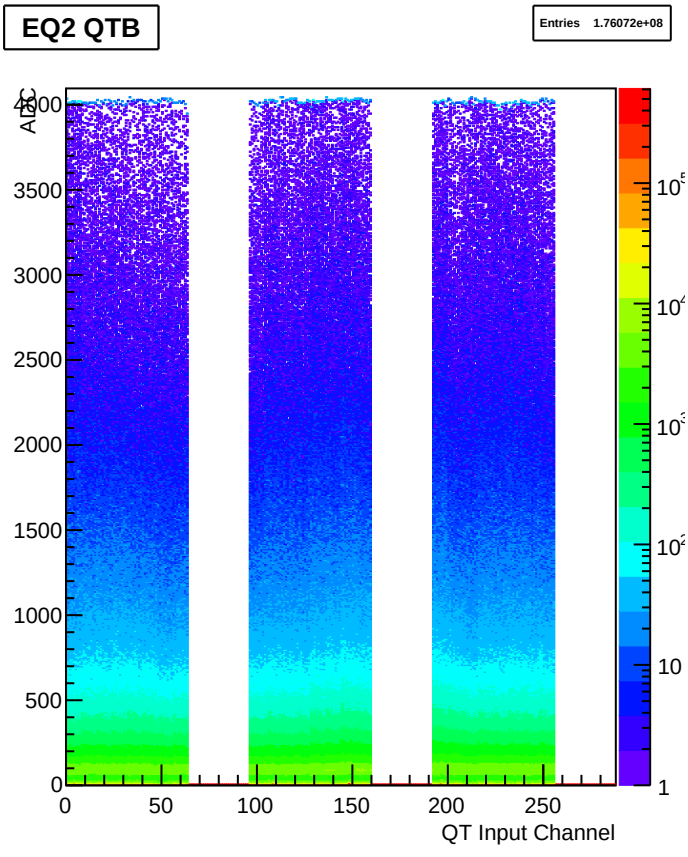

BBQ-VP002 West
Entries 9781776
ADC
QT Input Channel

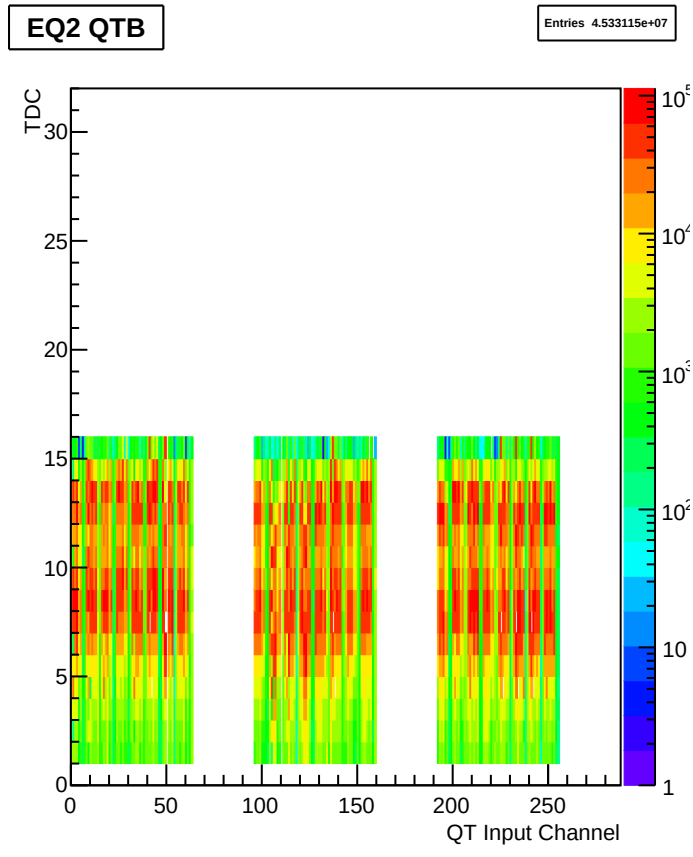

EQ1 QTB
Entries 1.76072e+08
ADC
QT Input Channel

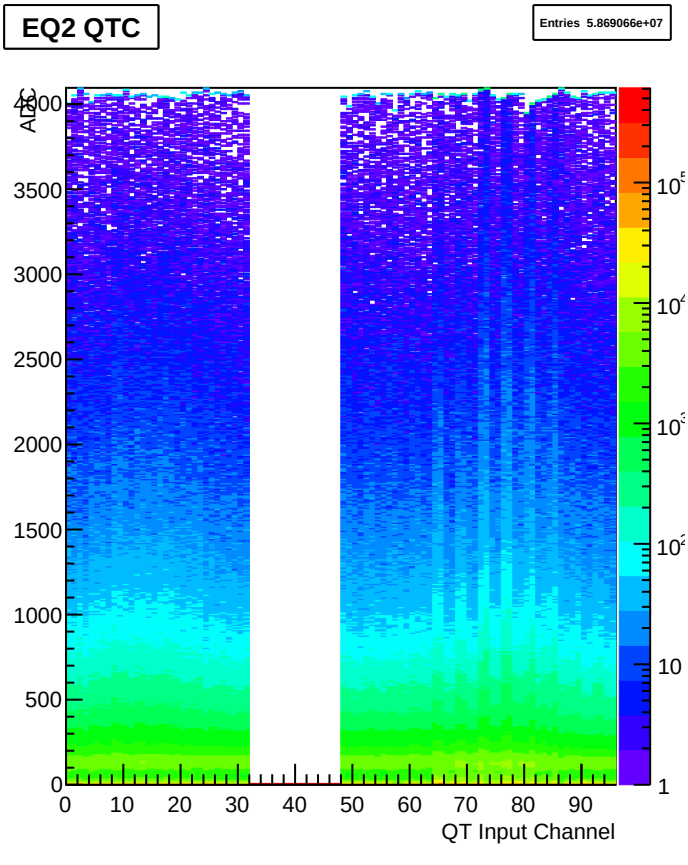

EQ1 QTB
Entries 6.014715e+07
TDC
QT Input Channel

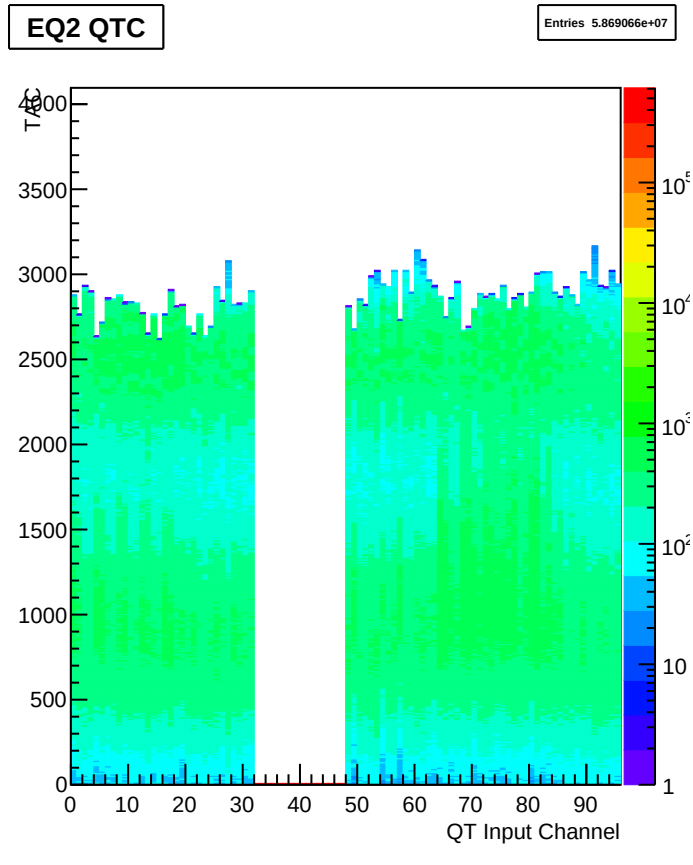

EQ1 QTC
Entries 5.869066e+07
ADC
QT Input Channel

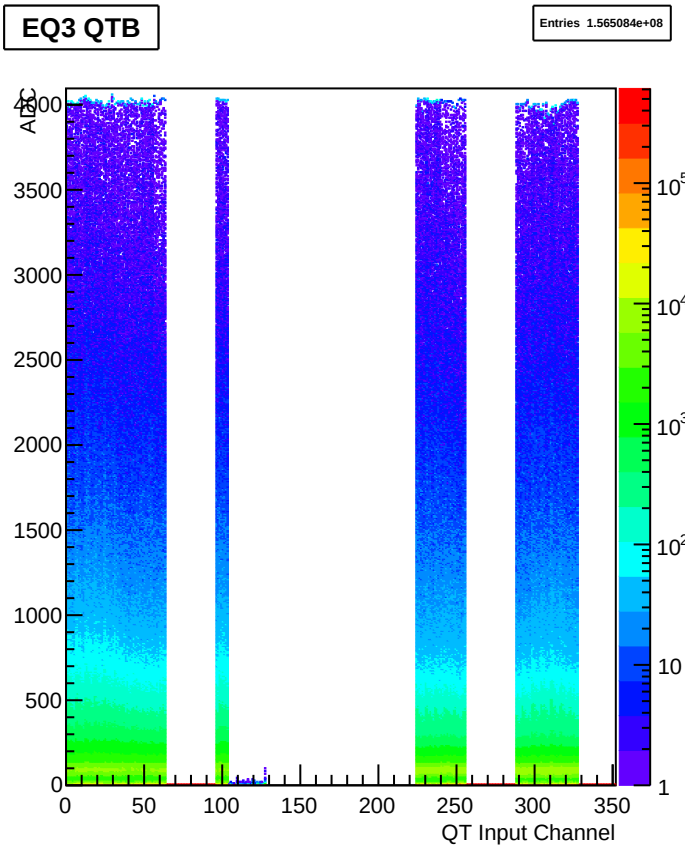

EQ1 QTC
Entries 5.869066e+07
TADC
QT Input Channel

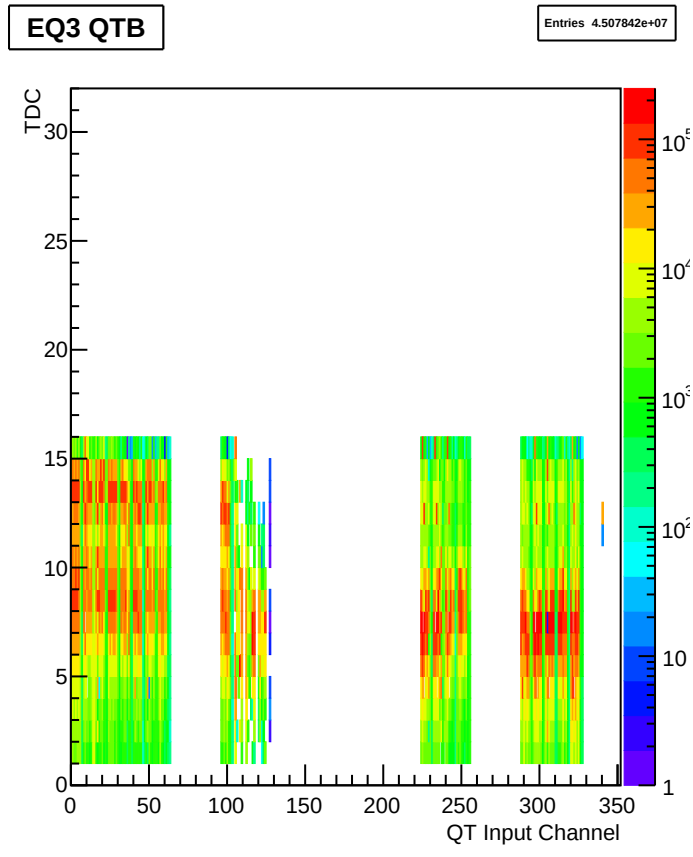

EQ2 QTB
Entries 1.76072e+08
ADC
QT Input Channel

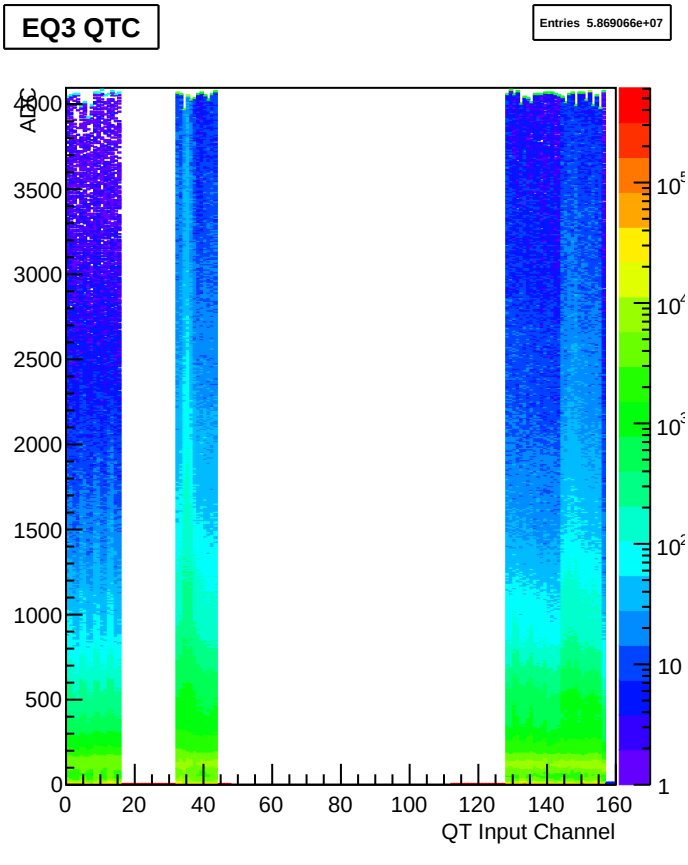

EQ2 QTB
Entries 4.533115e+07
TDC
QT Input Channel

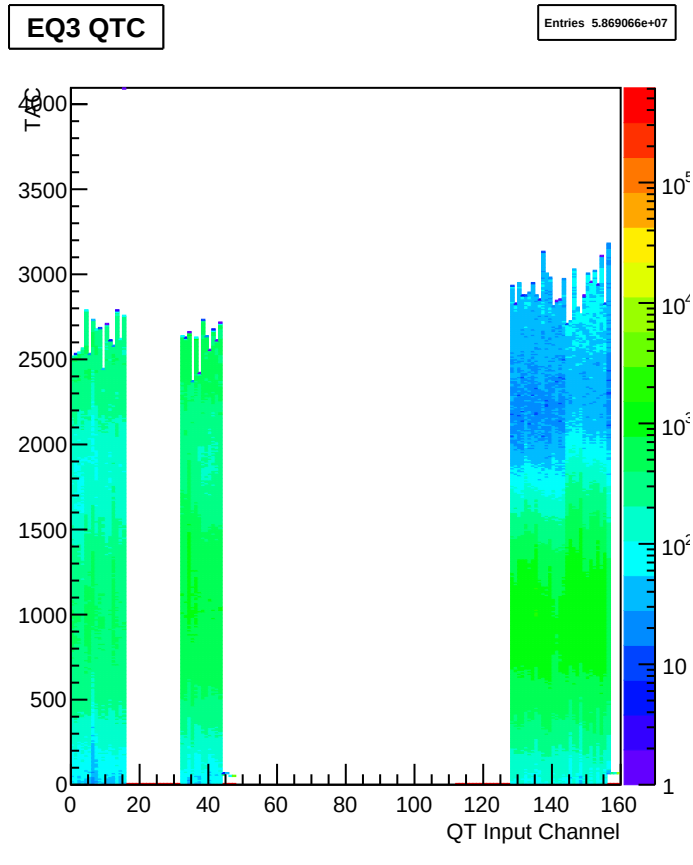

EQ2 QTC
Entries 5.869066e+07
ADC
QT Input Channel

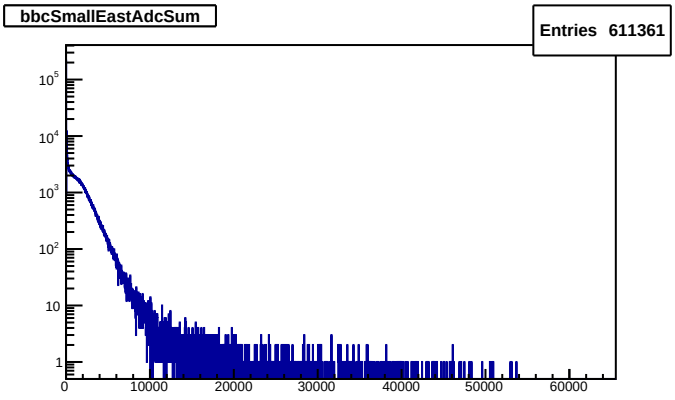

EQ2 QTC
Entries 5.869066e+07
TADC
QT Input Channel

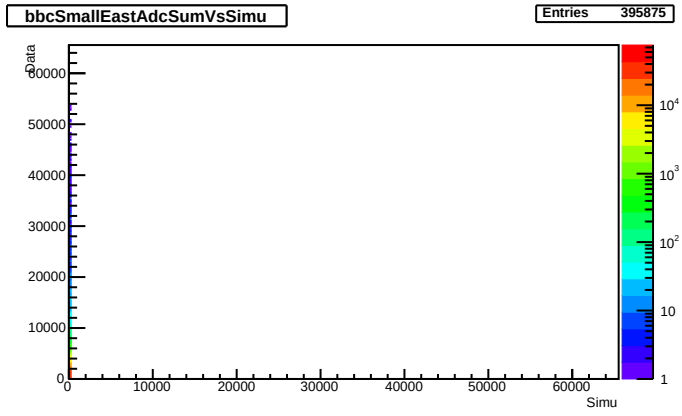

EQ3 QTB
Entries 1.565084e+08
ADC
QT Input Channel

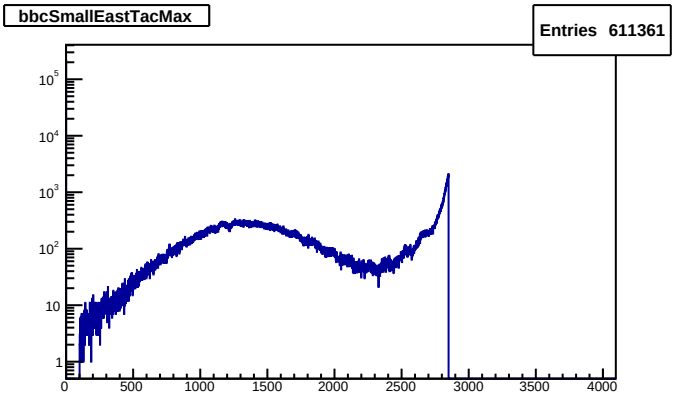

EQ3 QTB
Entries 4.507842e+07
TDC
QT Input Channel

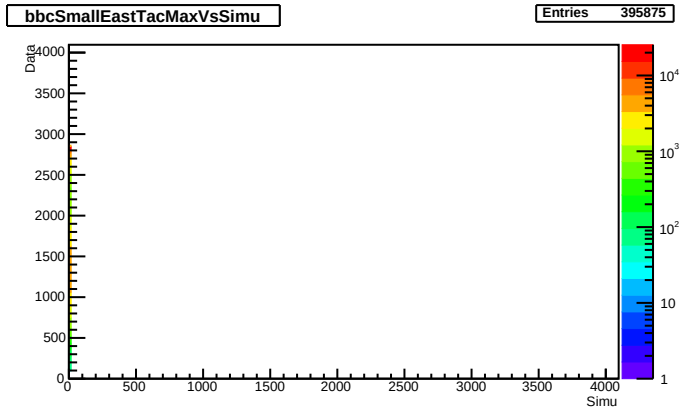

EQ3 QTC
Entries 5.869066e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.869066e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 611361


bbcSmallEastAdcSumVsSimu
Entries 395875
Data
Simu


bbcSmallEastTacMax
Entries 611361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Entries 395875
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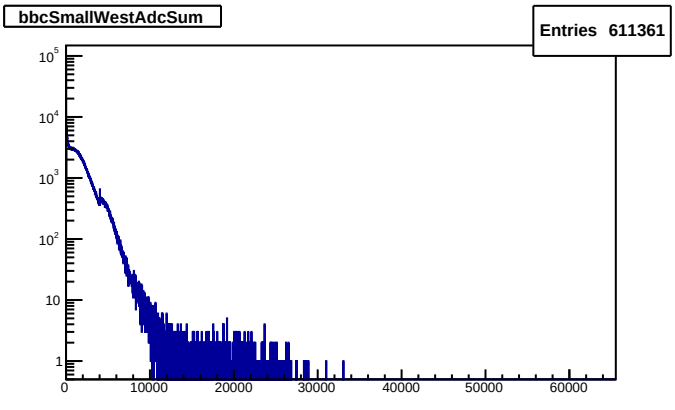
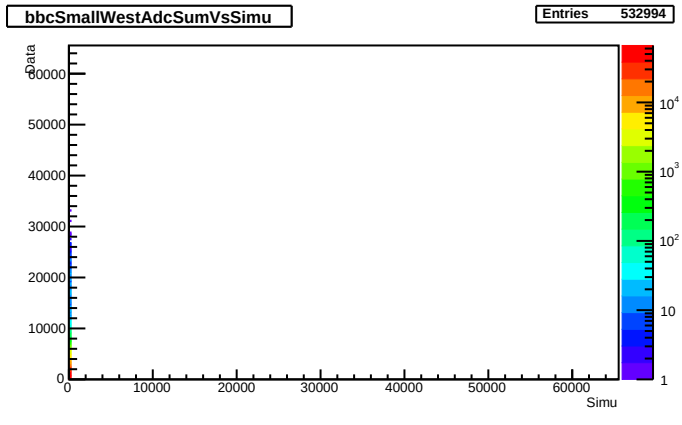

bbcSmallWestAdcSum
Entries 611361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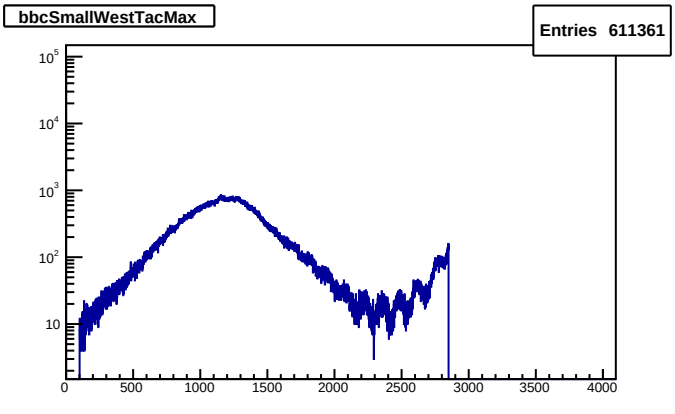
Entries 532994
Data
Simu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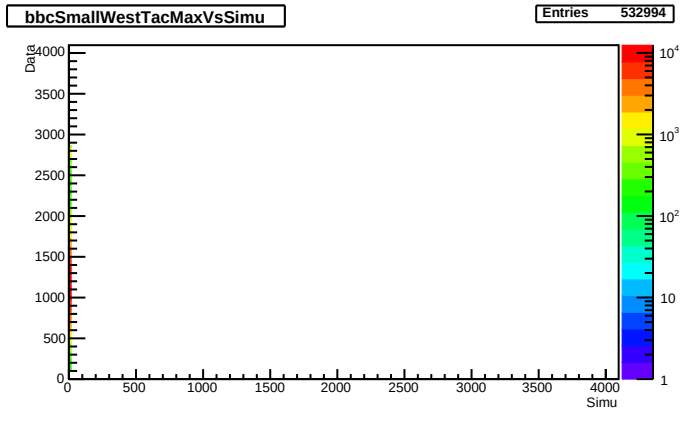
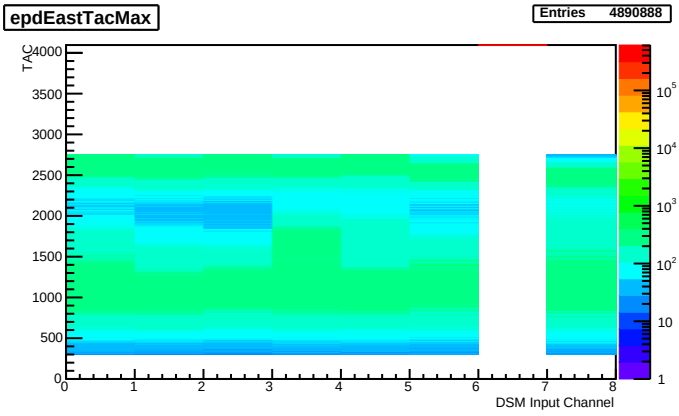
Entries 611361


bbcSmallWestTacMaxVsSimu
Entries 532994
Data
Simu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Entries 4890888
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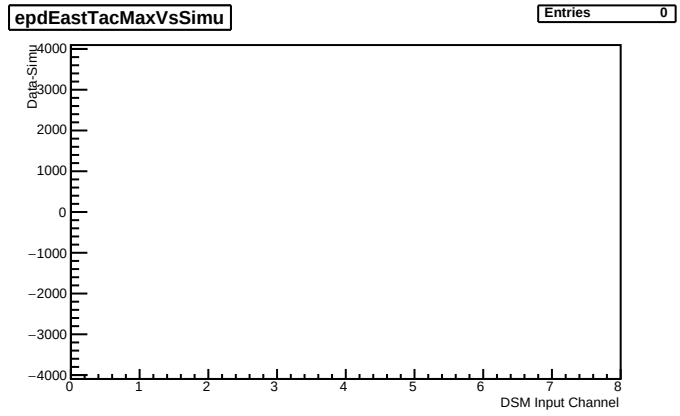
DSM Input Channel


epdEastTacMaxVsSimu
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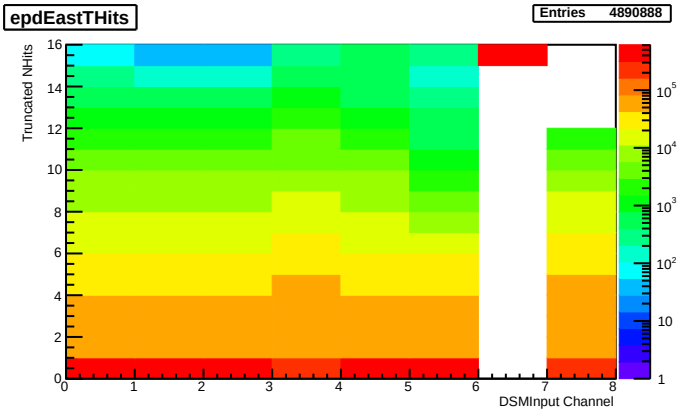
Data-Simu
DSM Input Channel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Entries 4890888
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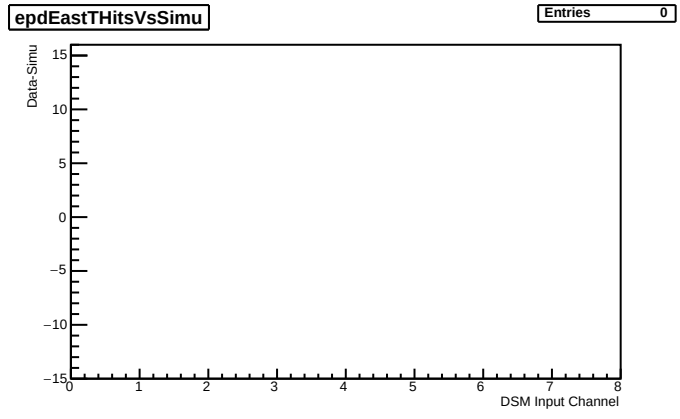
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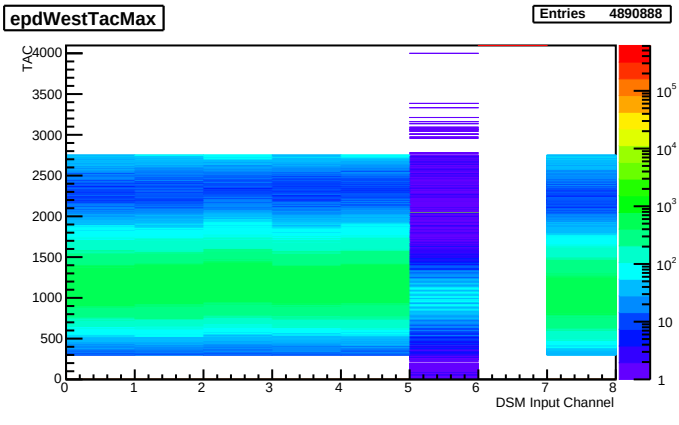
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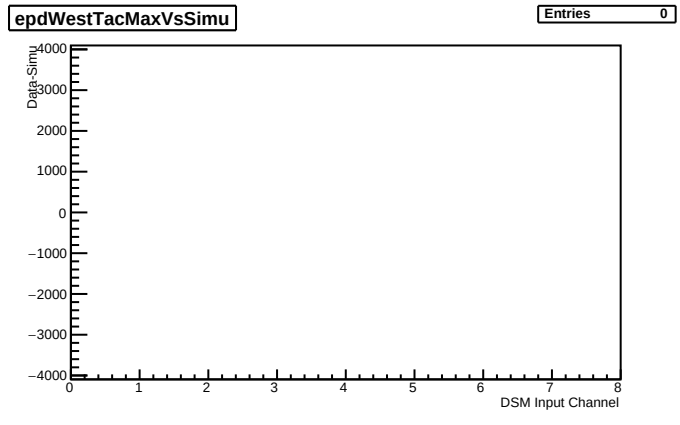
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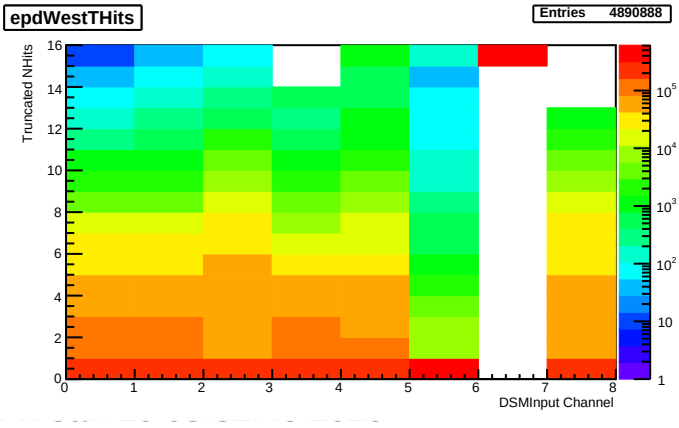
Entries 0
Data-Simu
DSM Input Channel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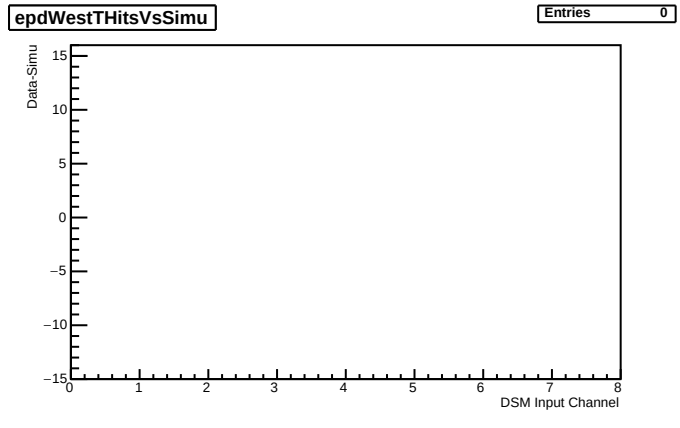
Entries 4890888
Truncated NHits
DSMInput Channel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Entries 0
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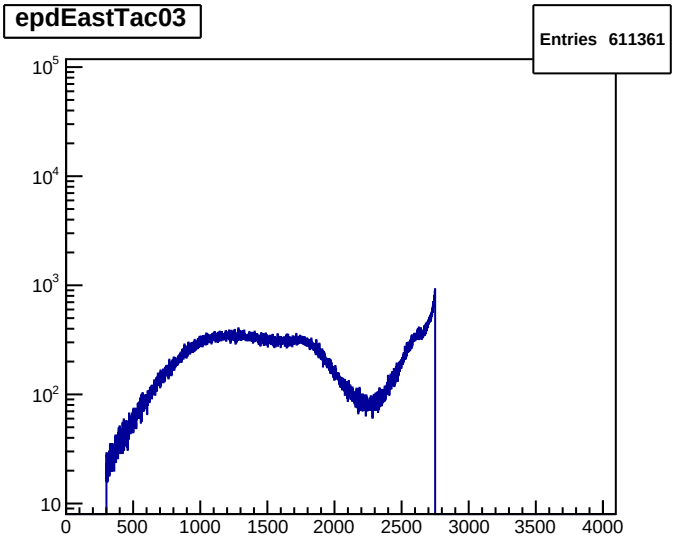
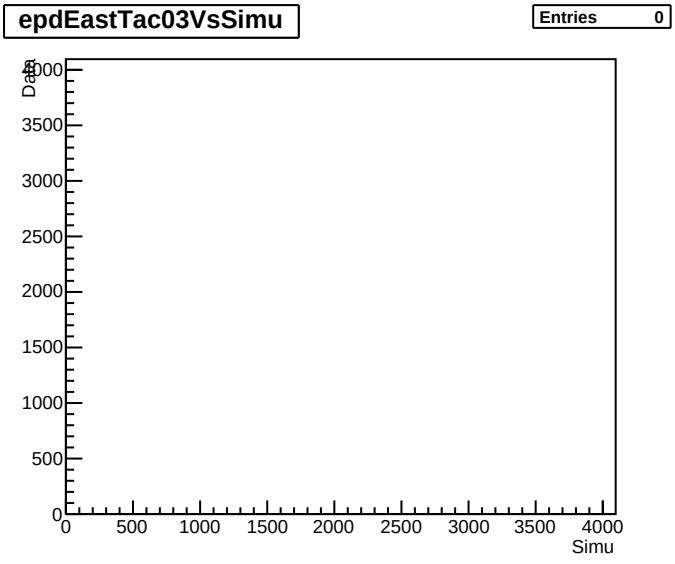
DSM Input Channel


epdEastTac03
Entries 611361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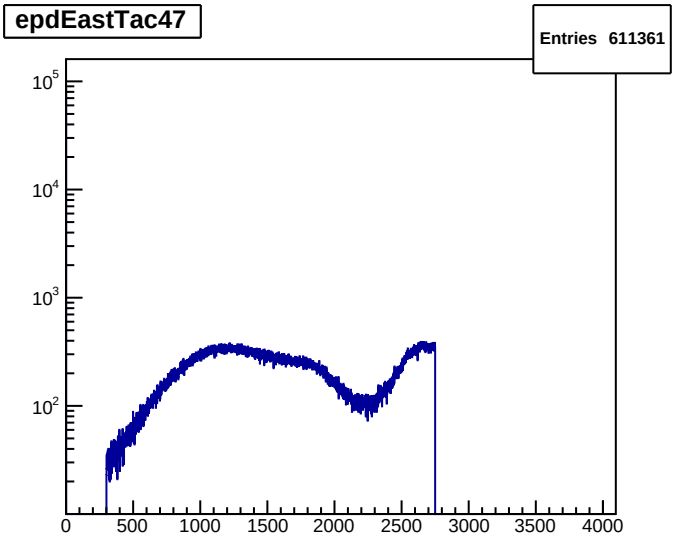
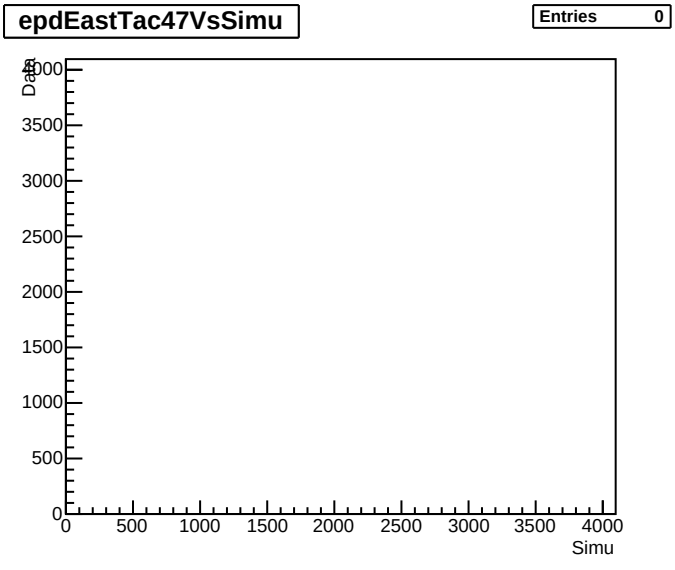
Entries 0
Data
Simu


epdEastTac47
Entries 611361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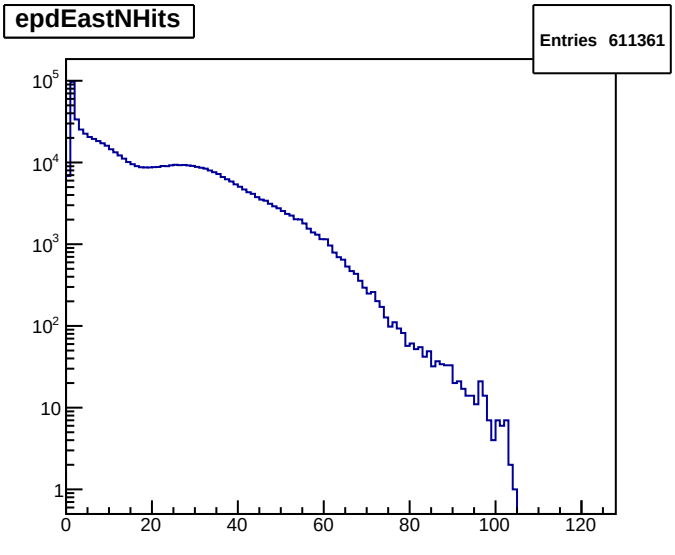
Entries 0
Data
Simu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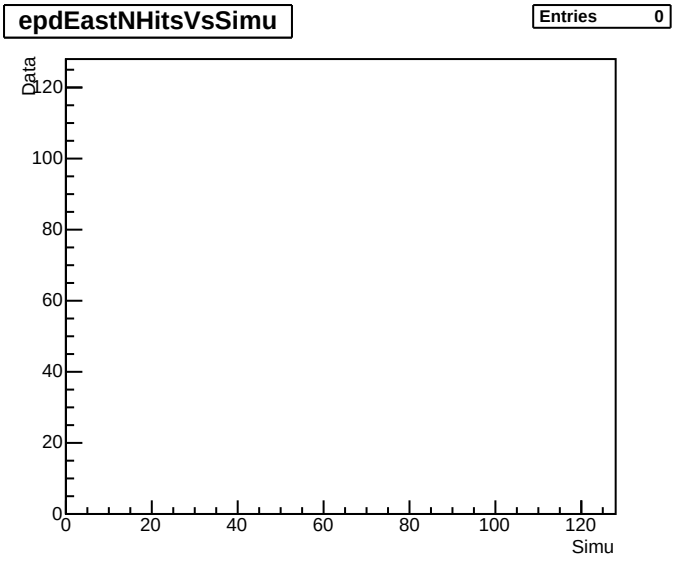
Entries 611361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Entries 0
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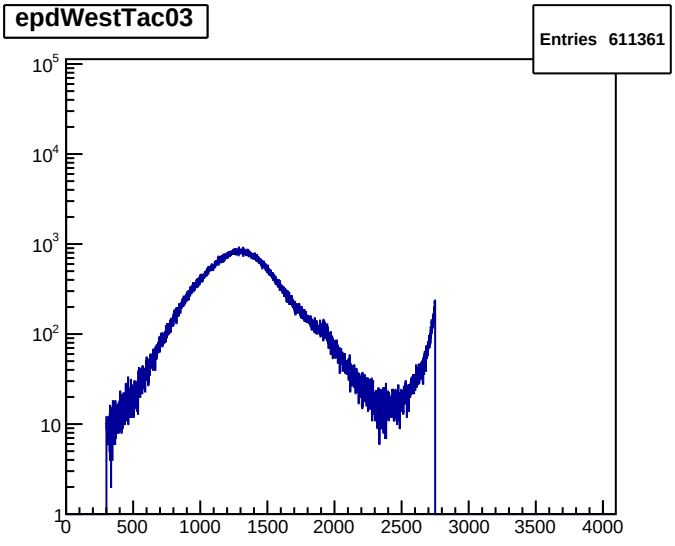
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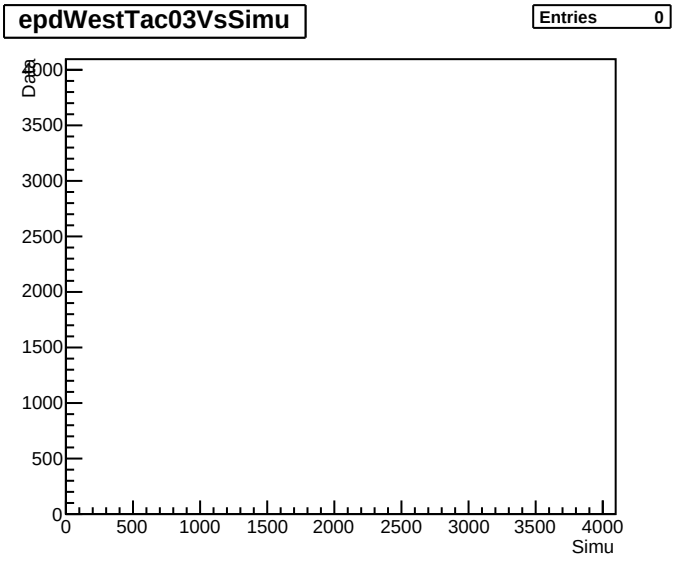
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Entries 0
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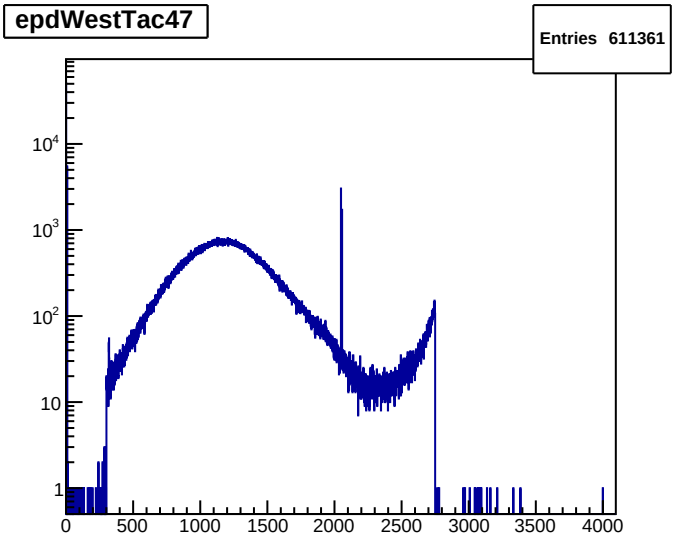
Simu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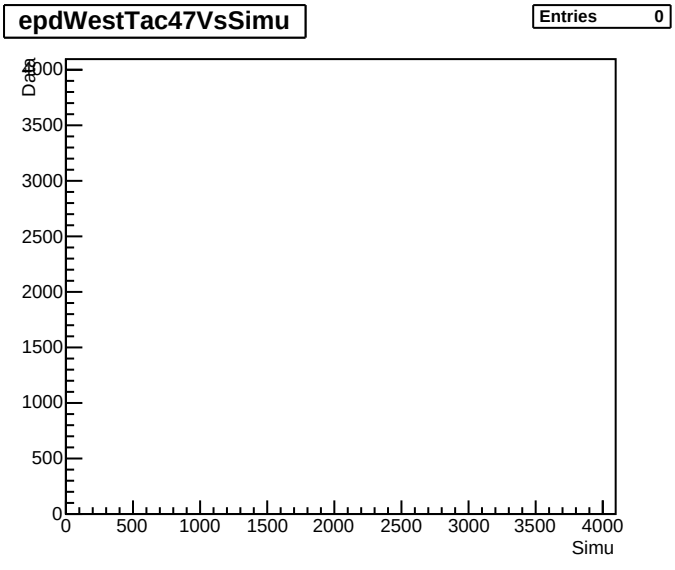
Entries 611361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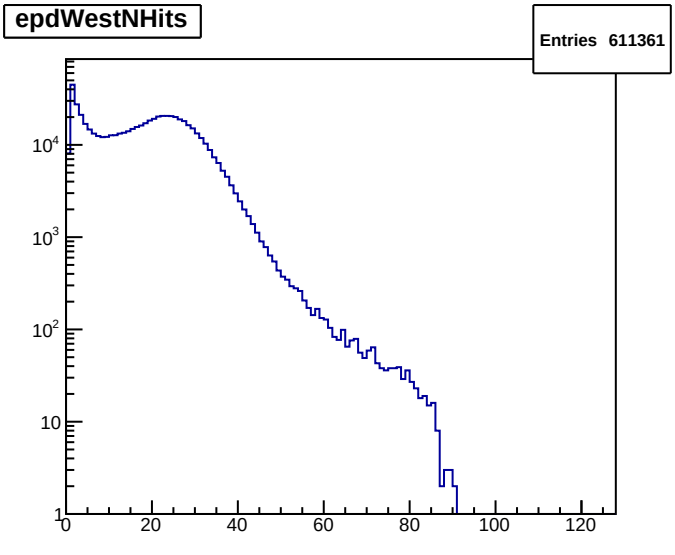
Data
Simu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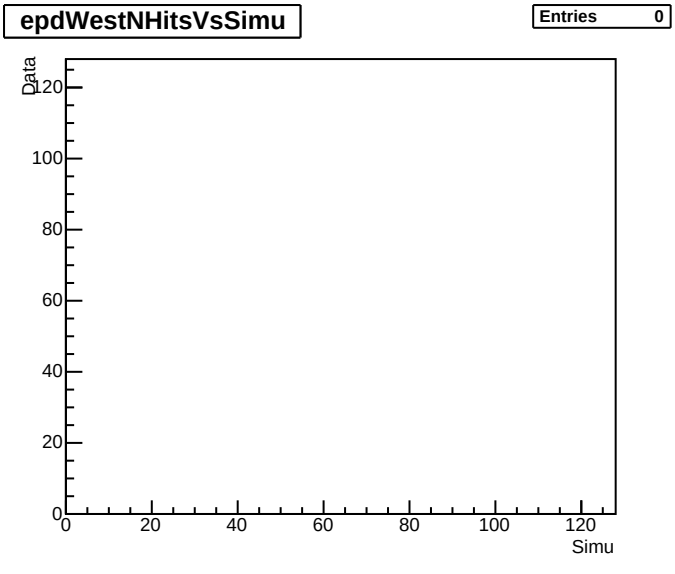
Entries 611361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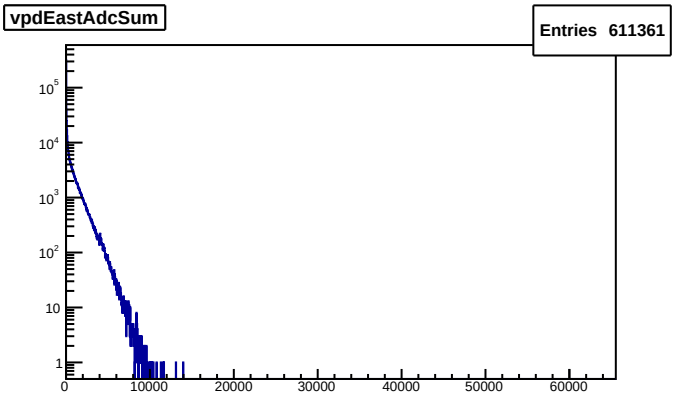
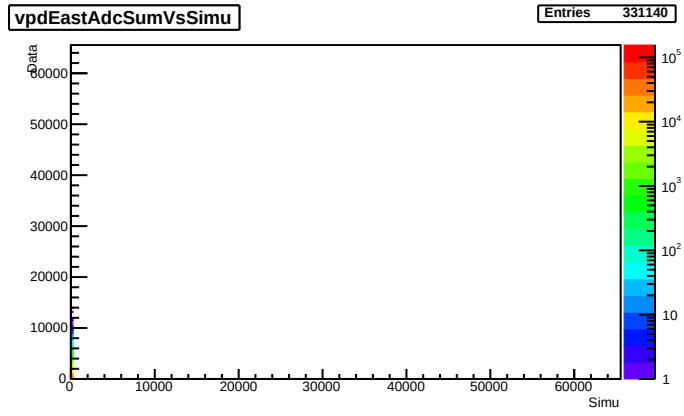
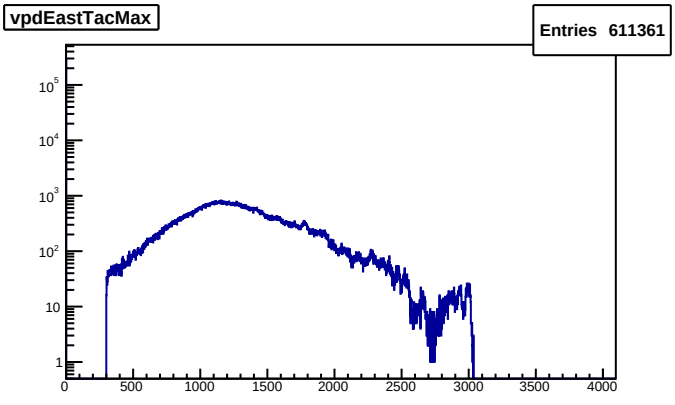
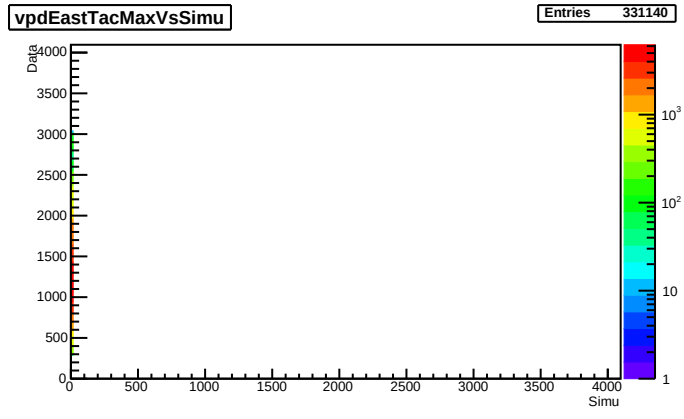
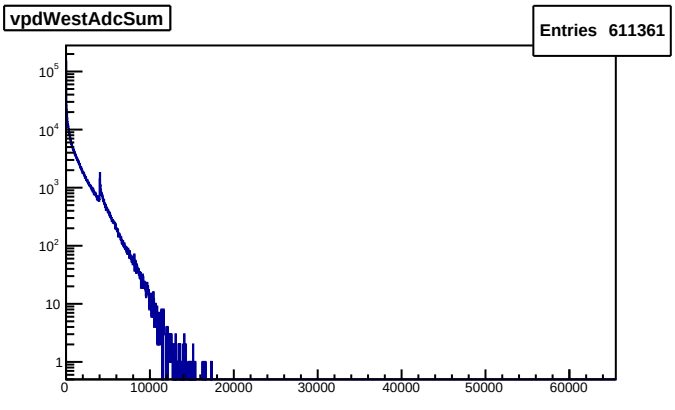
Entries 0
Data
Simu

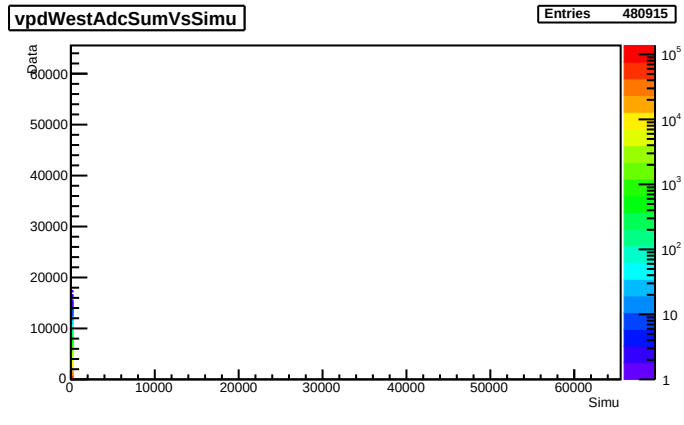

vpdEastAdcSum
Entries 611361

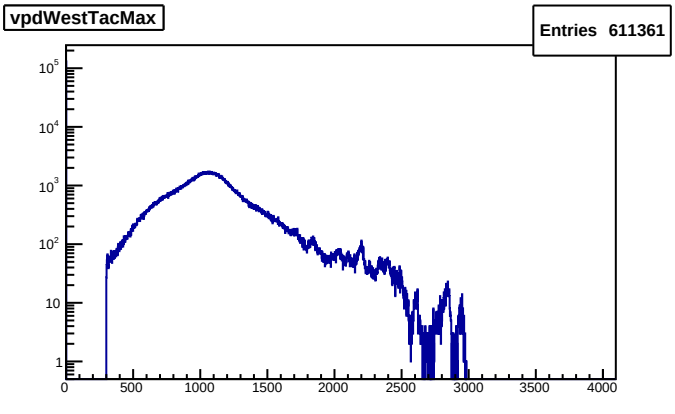

vpdEastAdcSumVsSimu
Entries 331140
Data
Simu

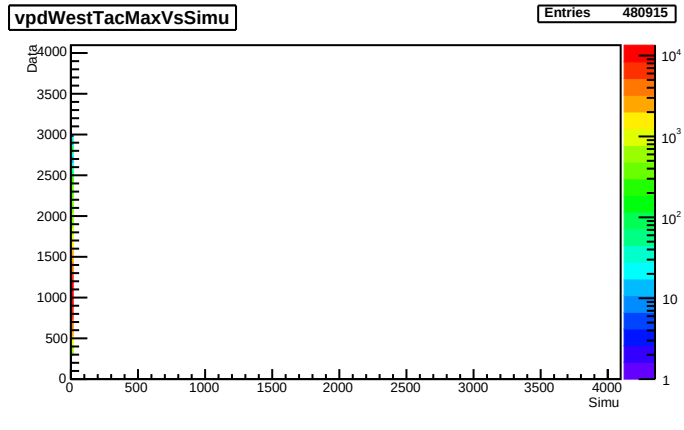

vpdEastTacMax
Entries 611361

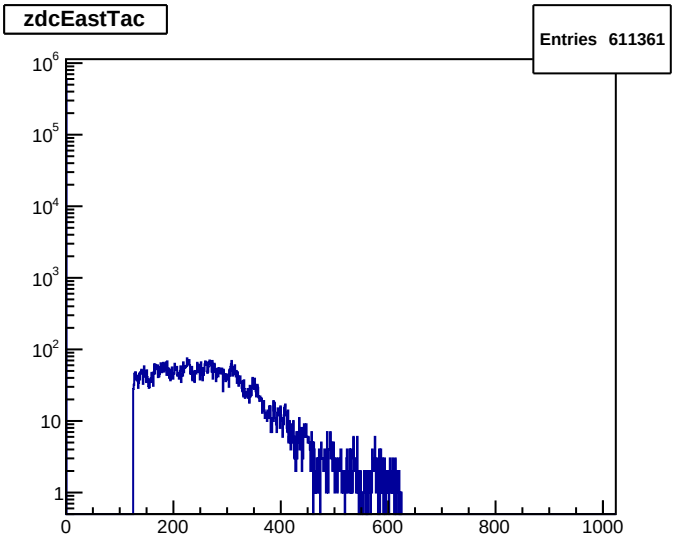

vpdEastTacMaxVsSimu
Entries 331140
Data
Simu

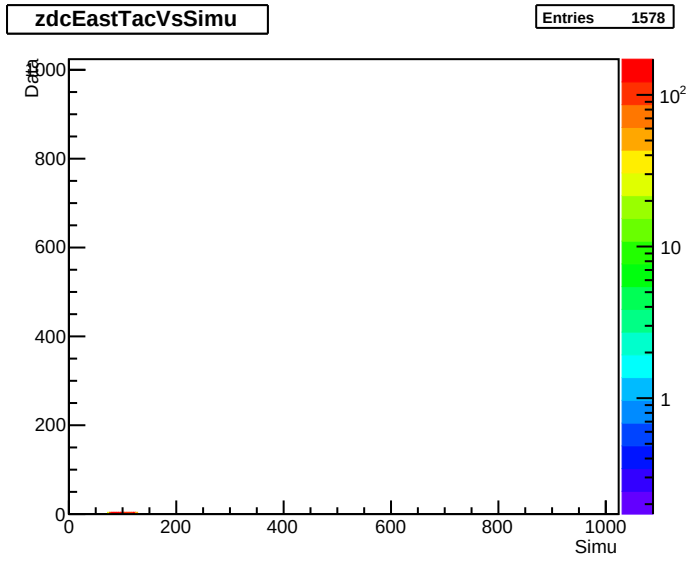

vpdWestAdcSum
Entries 611361

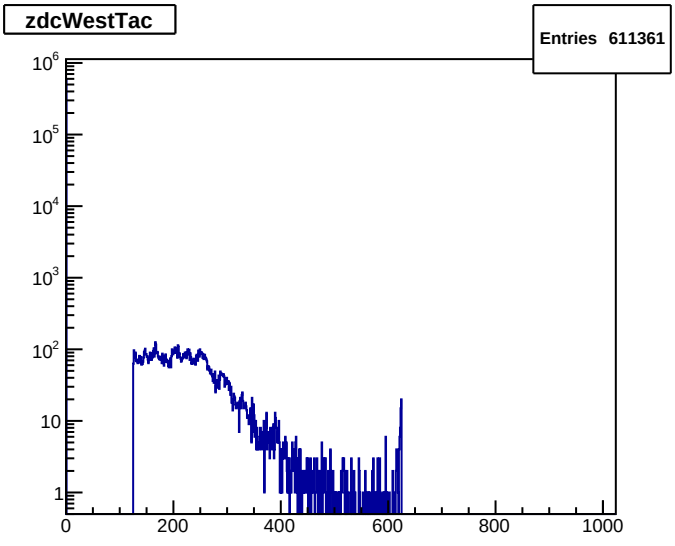

vpdWestAdcSumVsSimu
Entries 480915
Data
Simu

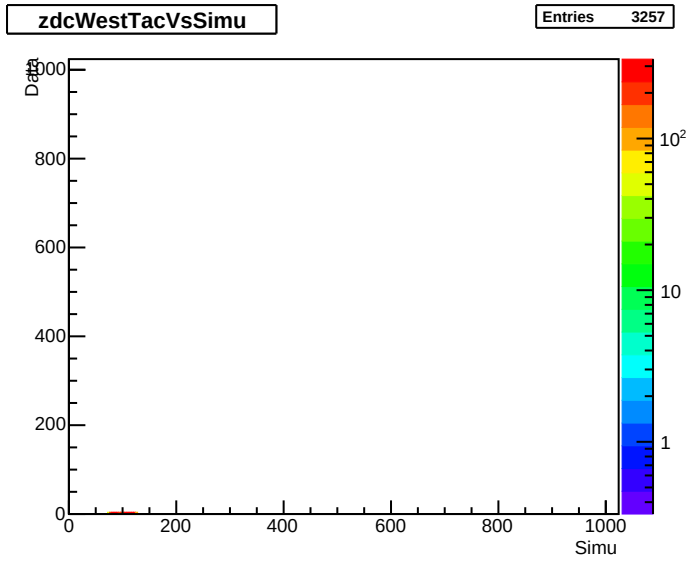

vpdWestTacMax
Entries 611361

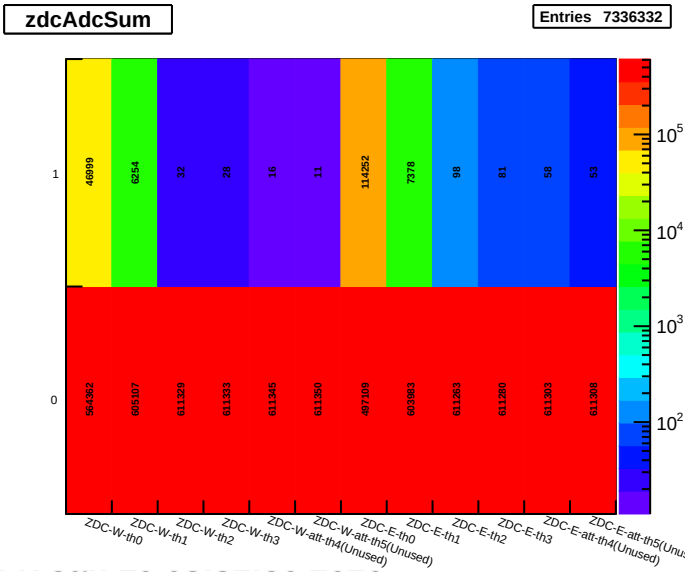

vpdWestTacMaxVsSimu
Entries 480915
Data
Simu

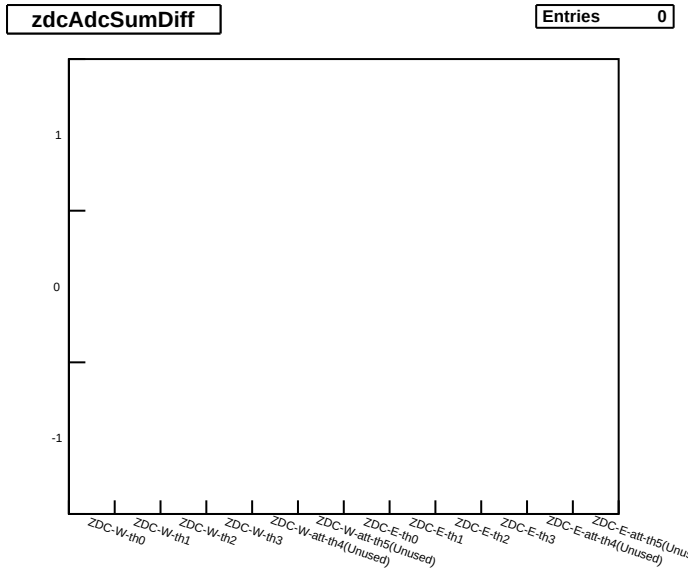

zdcEastTac
Entries 611361

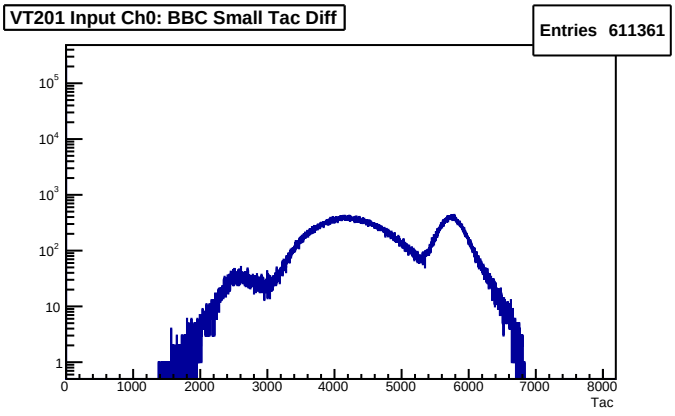

zdcEastTacVsSimu
Entries 1578
Data
Simu

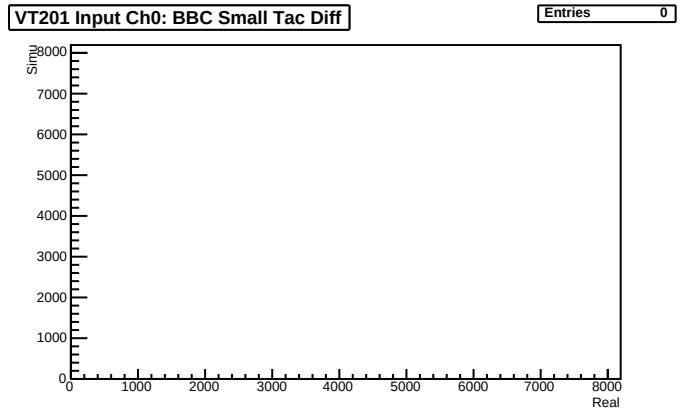

zdcWestTac
Entries 611361

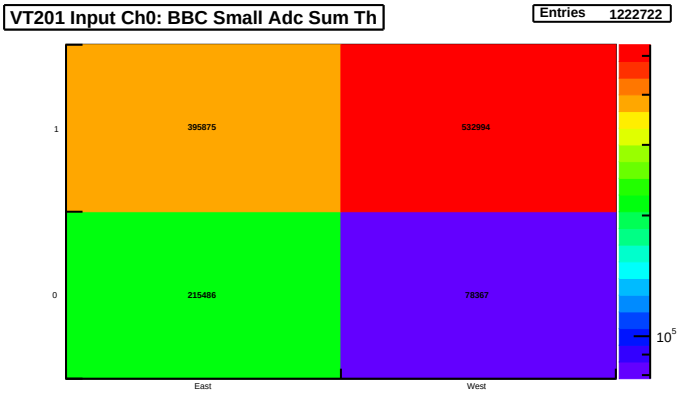

zdcWestTacVsSimu
Entries 3257
Data
Simu

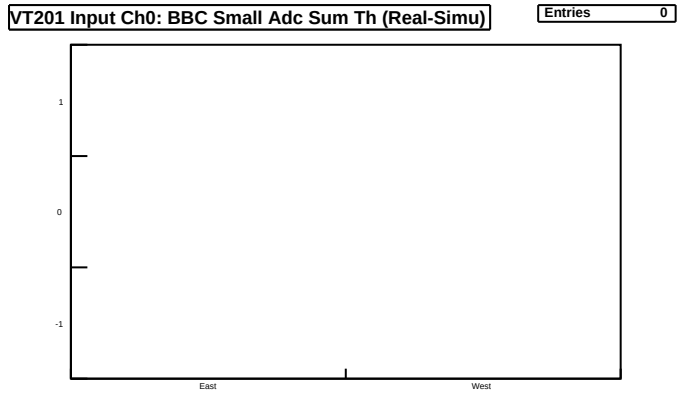

zdcAdcSum
Entries 7336332
46999
6254
32
28
16
11
114252
7378
98
81
58
53
564382
605107
611329
611333
611345
611350
497109
603983
611263
611280
611303
611308
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

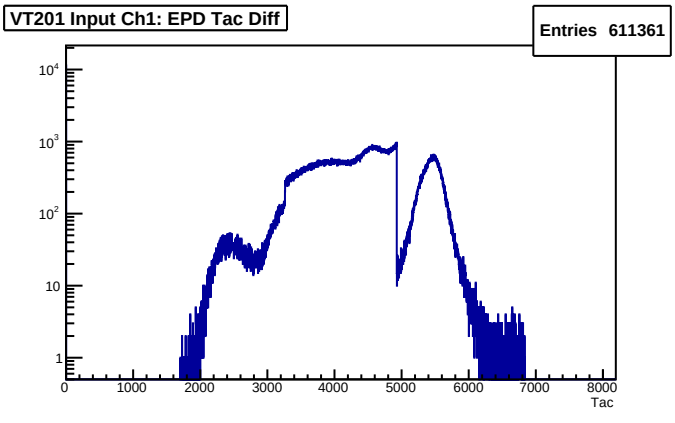

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

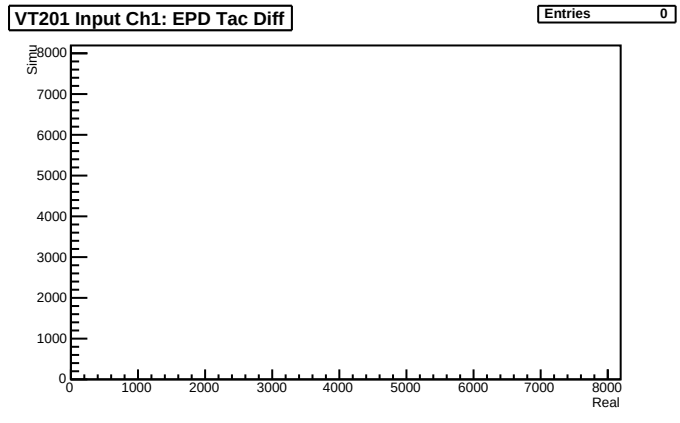

VT201 Input Ch0: BBC Small Tac Diff
Entries 611361
Tac

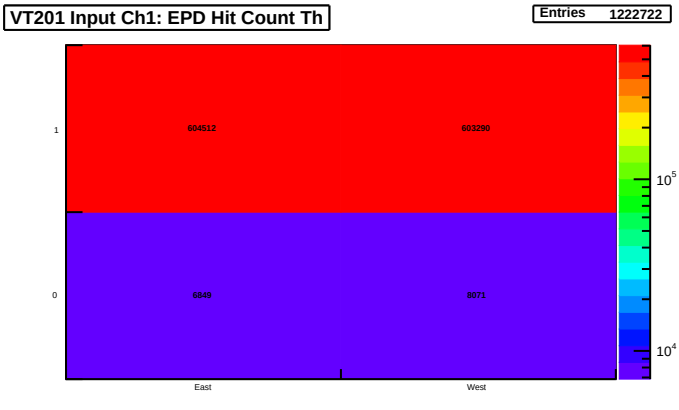

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

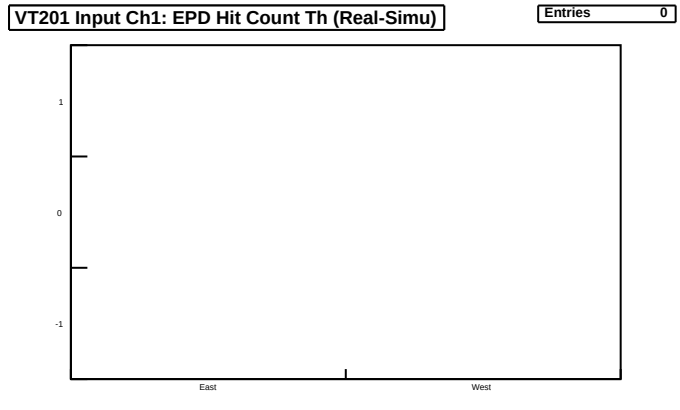

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1222722
395875
532994
215486
78367
East
West

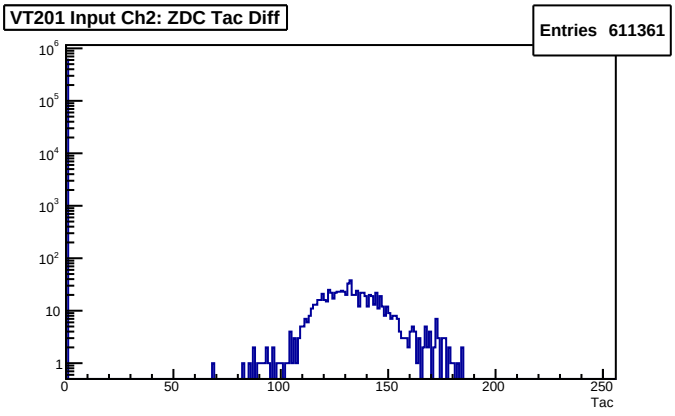

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

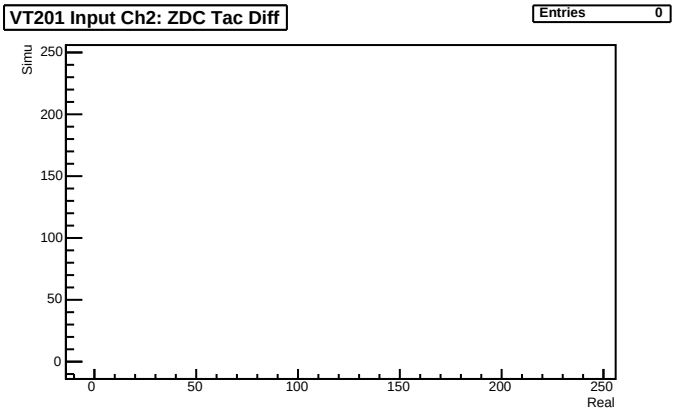

VT201 Input Ch1: EPD Tac Diff
Entries 611361
Tac

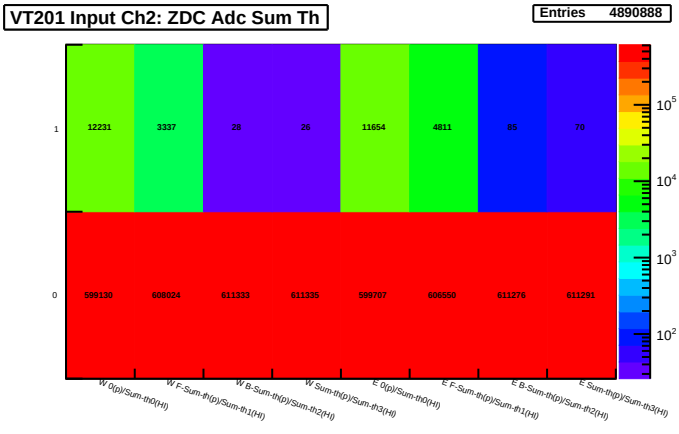

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

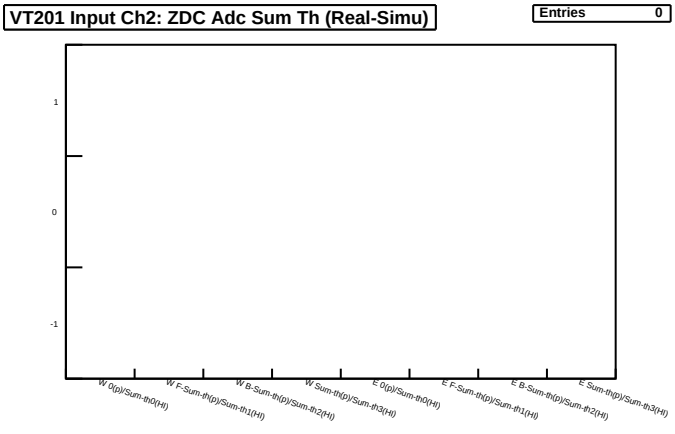

VT201 Input Ch1: EPD Hit Count Th
Entries 1222722
604512
603290
6849
8071
East
West

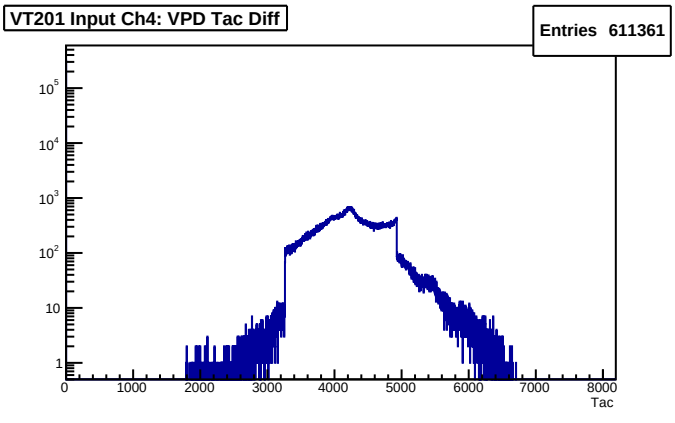

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

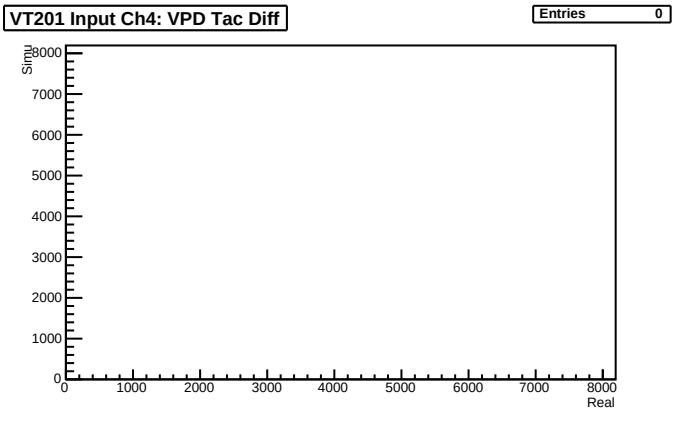

VT201 Input Ch2: ZDC Tac Diff
Entries 611361
Tac

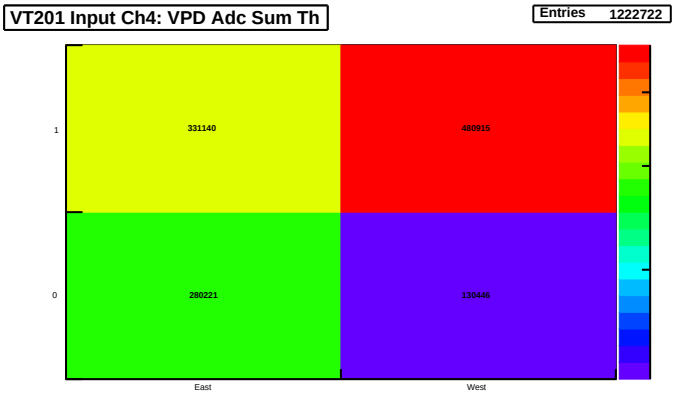

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

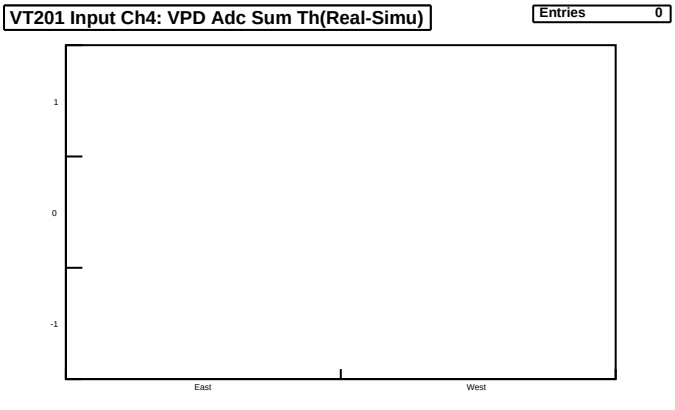

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4890888
12231
3337
28
26
11654
4811
85
70
599130
608024
611333
611335
599707
606550
611276
611291
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

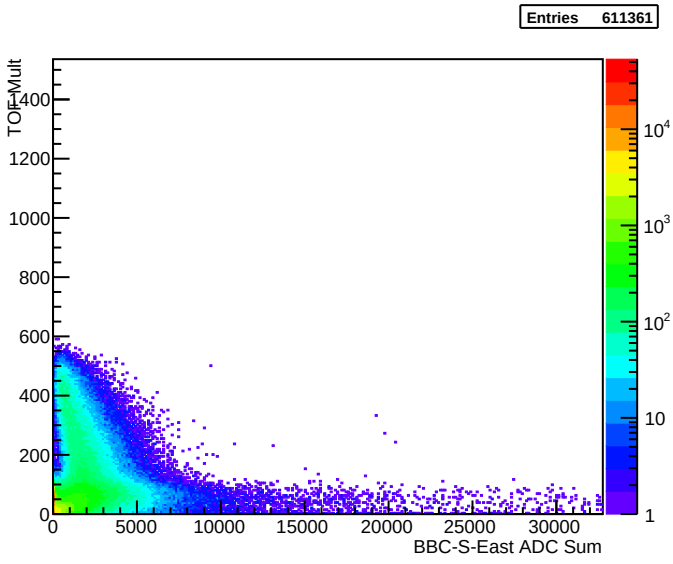

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

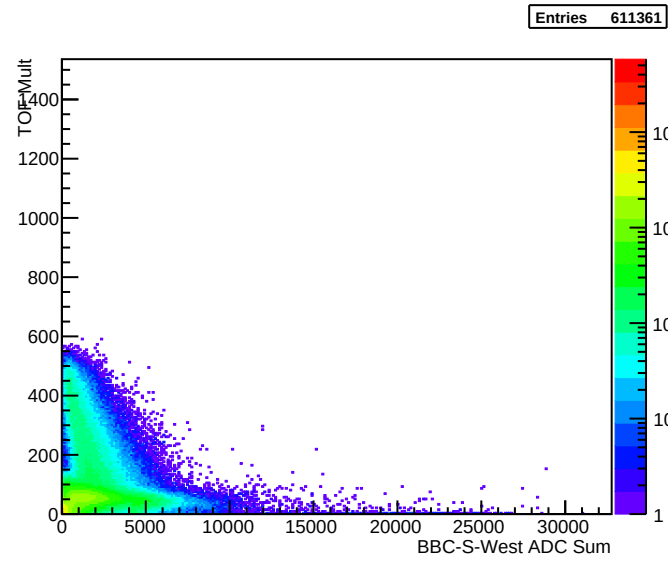

VT201 Input Ch4: VPD Tac Diff
Entries 611361
Tac

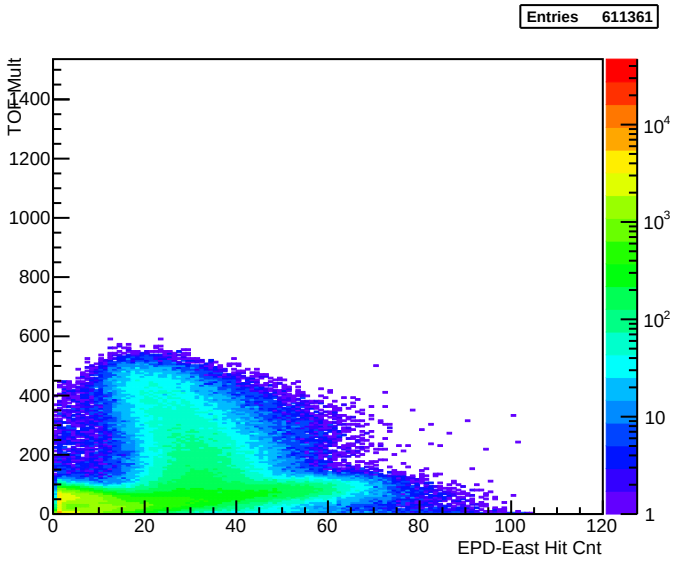

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

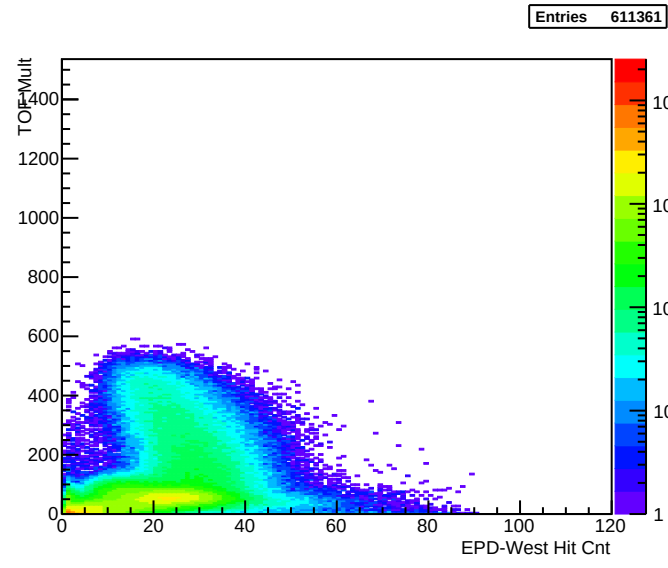

VT201 Input Ch4: VPD Adc Sum Th
Entries 1222722
331140
480915
280221
130446
East
West

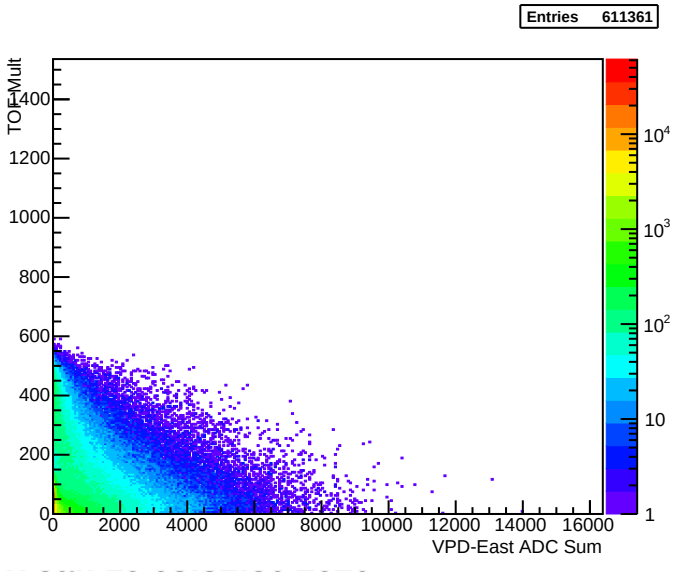

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

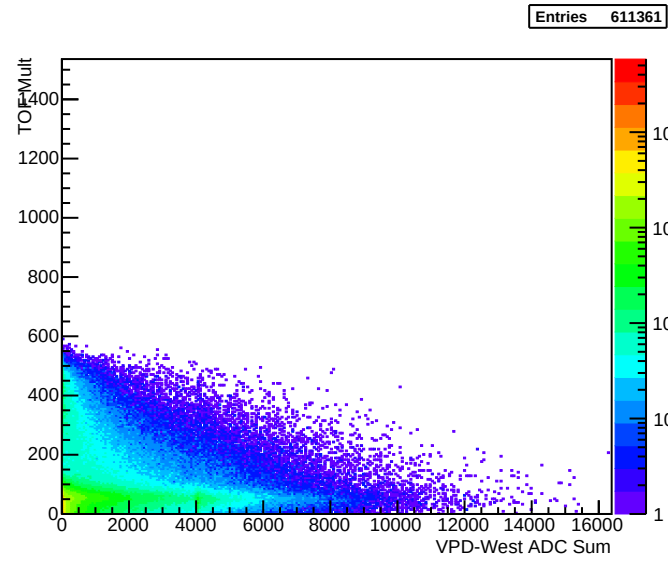

Entries 611361
TOF-Mult
BBC-S-East ADC Sum

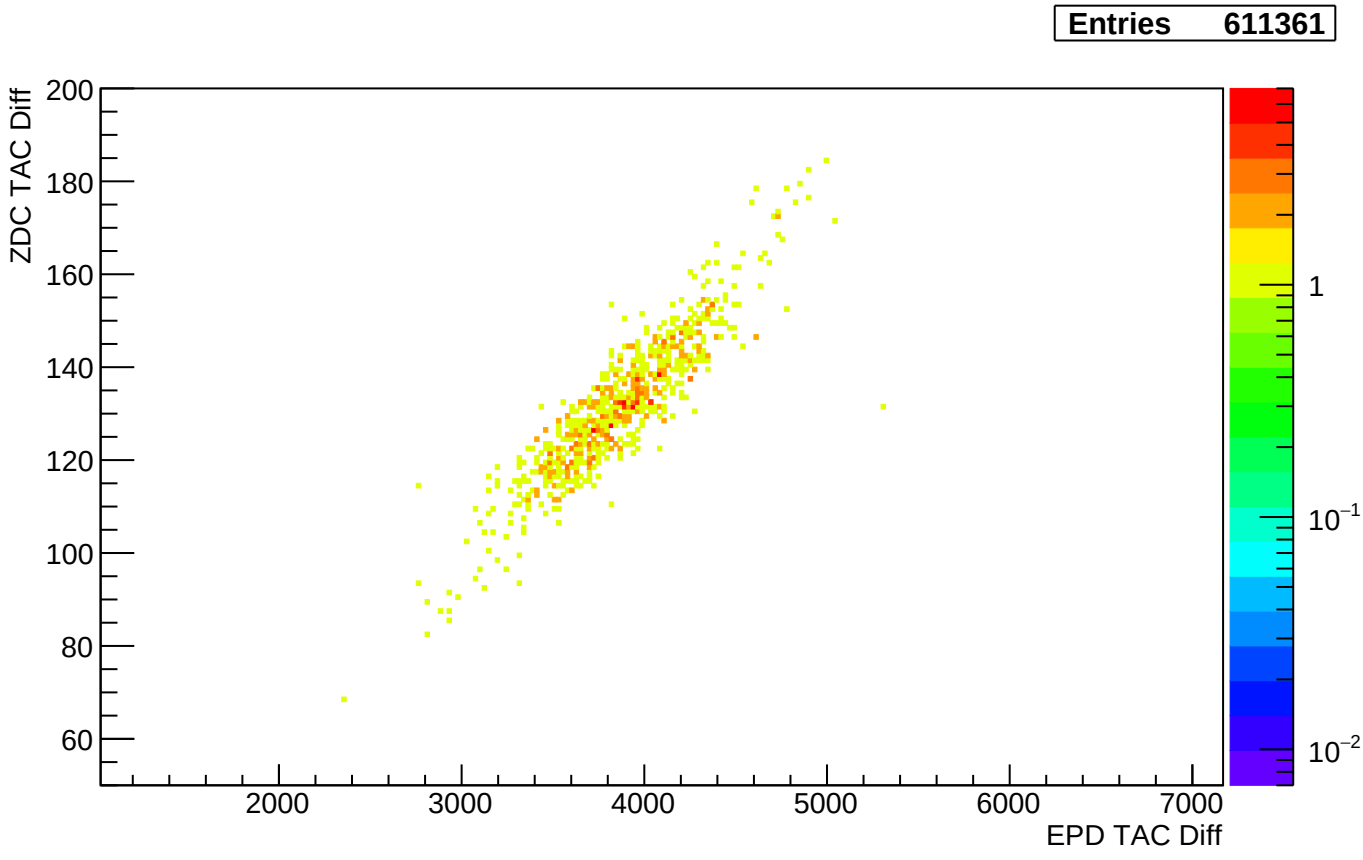

Entries 611361
TOF-Mult
BBC-S-West ADC Sum

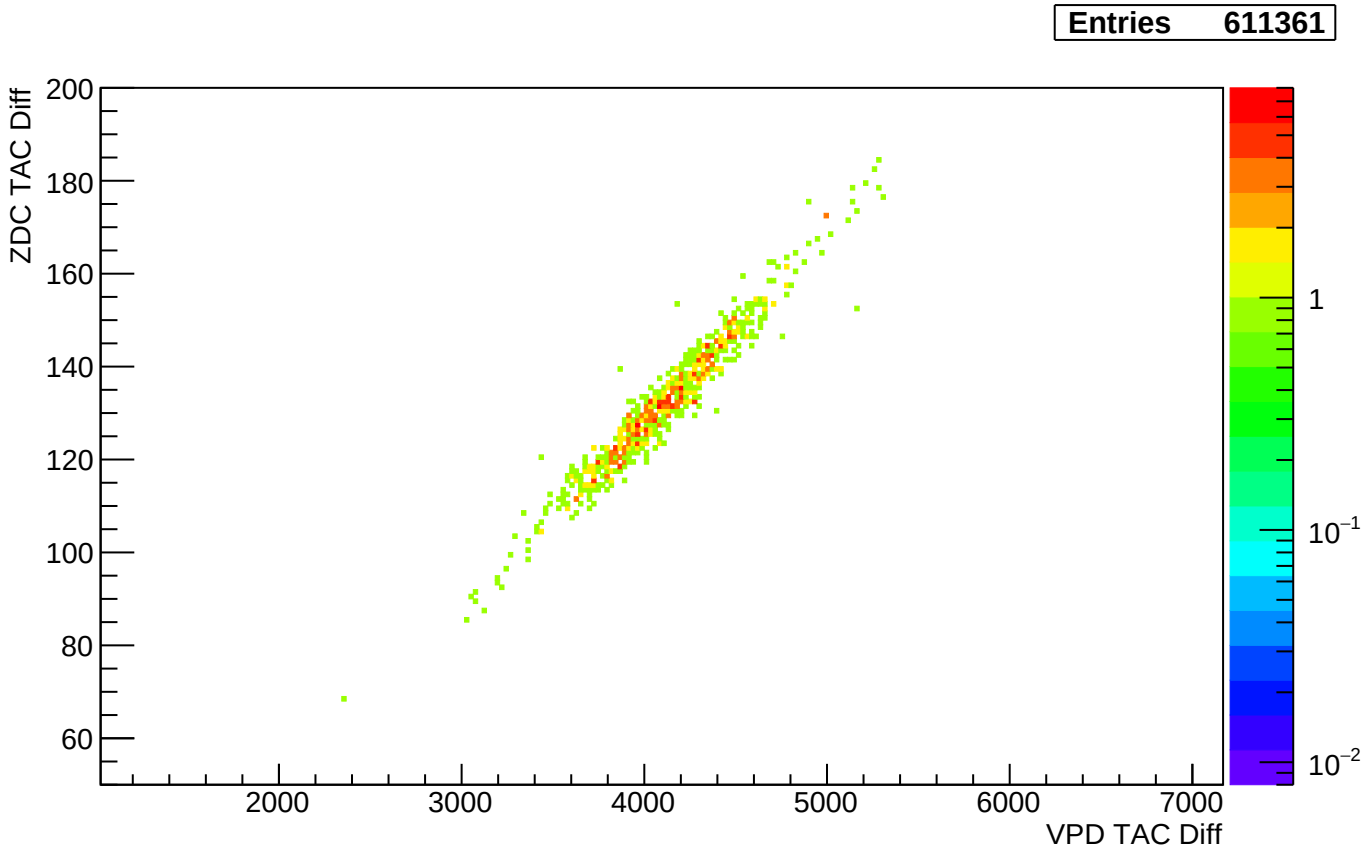

Entries 611361
TOF-Mult
EPD-East Hit Cnt

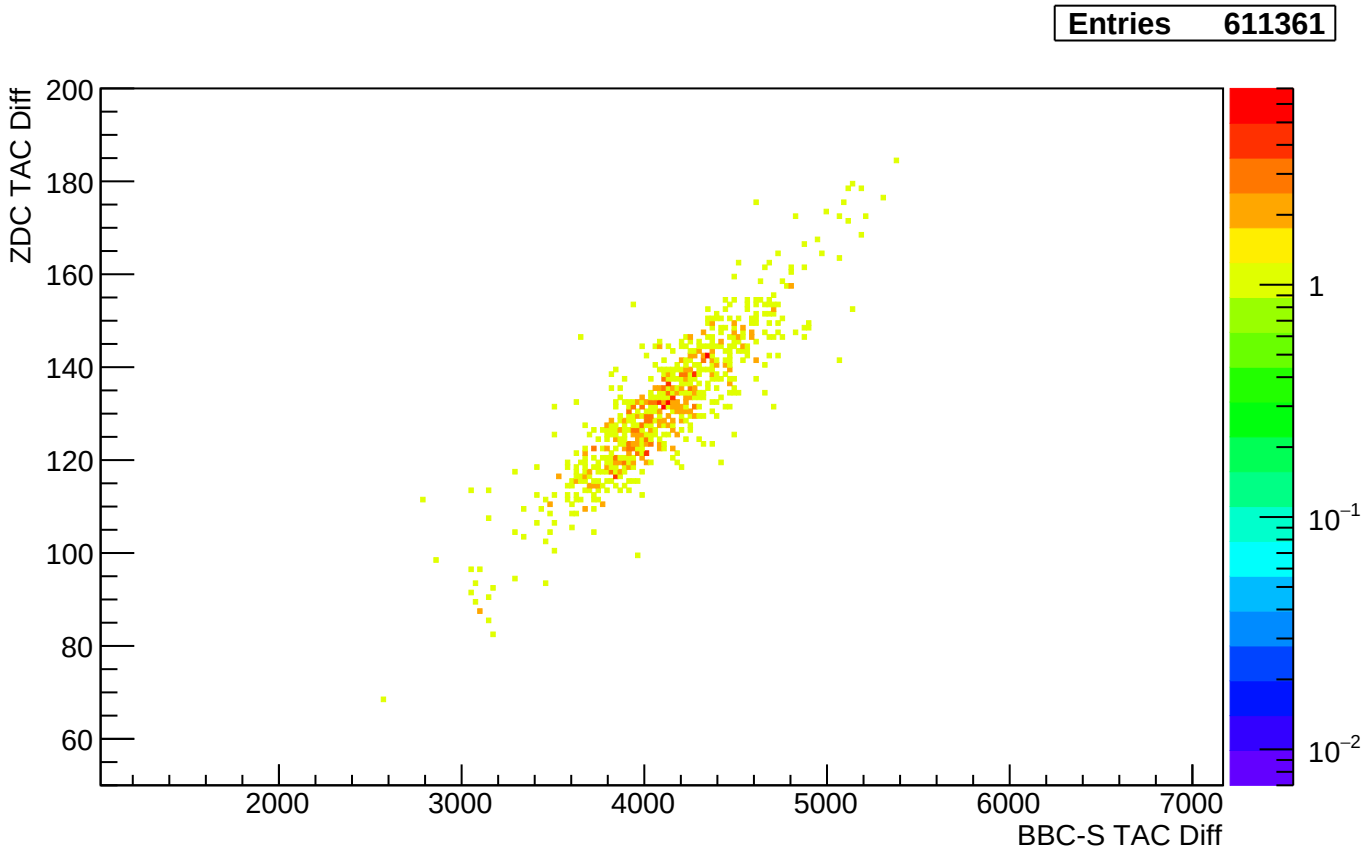

Entries 611361
TOF-Mult
EPD-West Hit Cnt

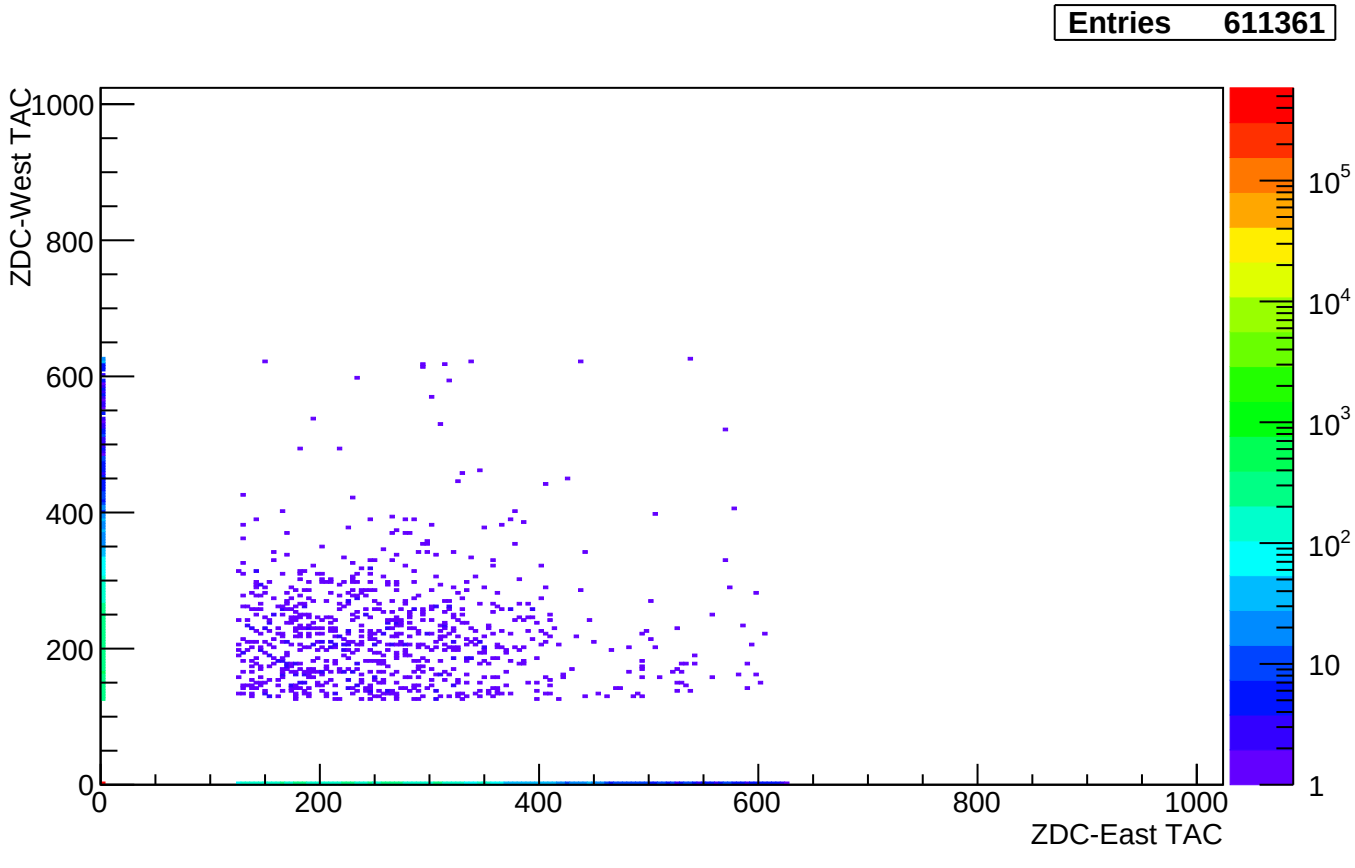

Entries 611361
TOF-Mult
VPD-East ADC Sum

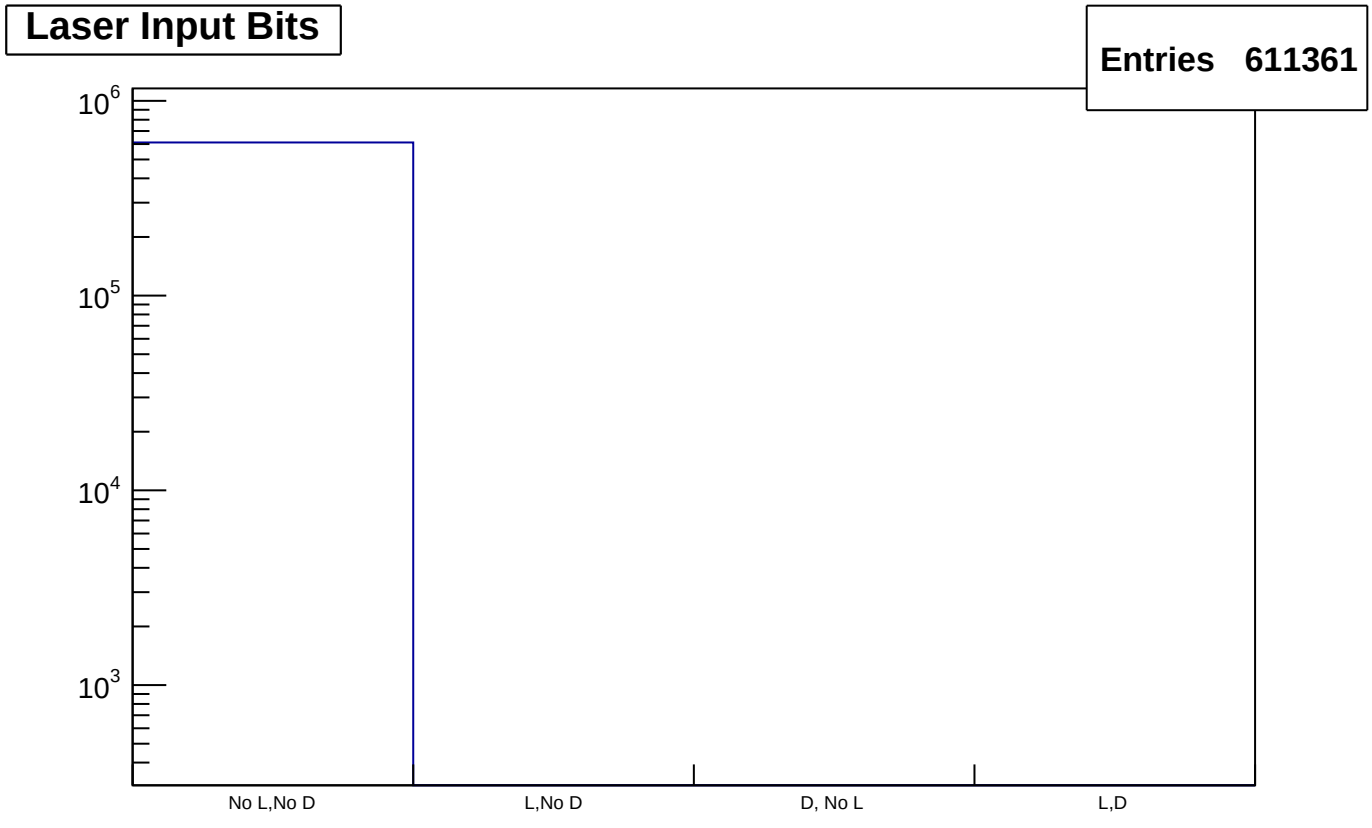

Entries 611361
TOF-Mult
VPD-West ADC Sum

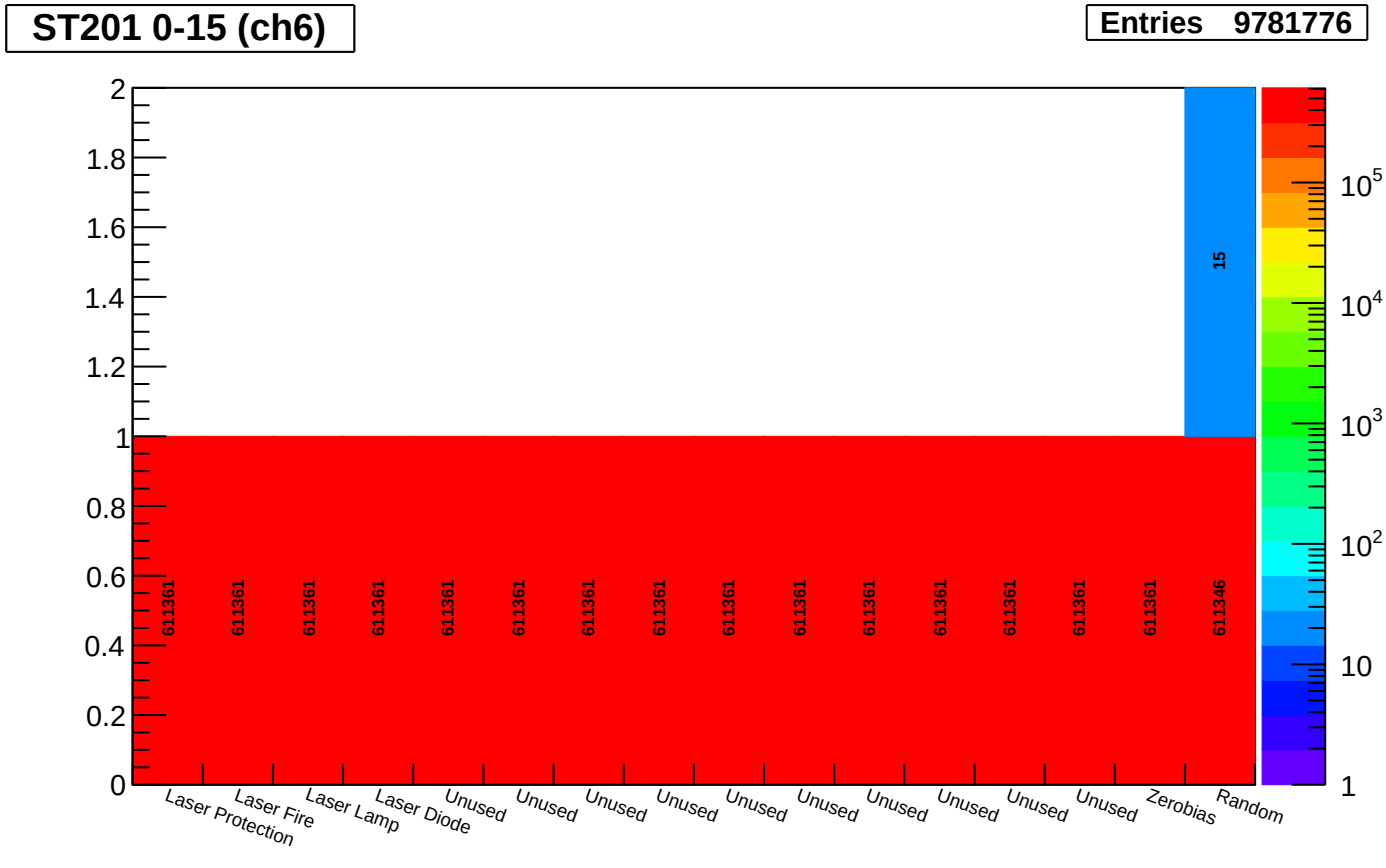

Entries 611361
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

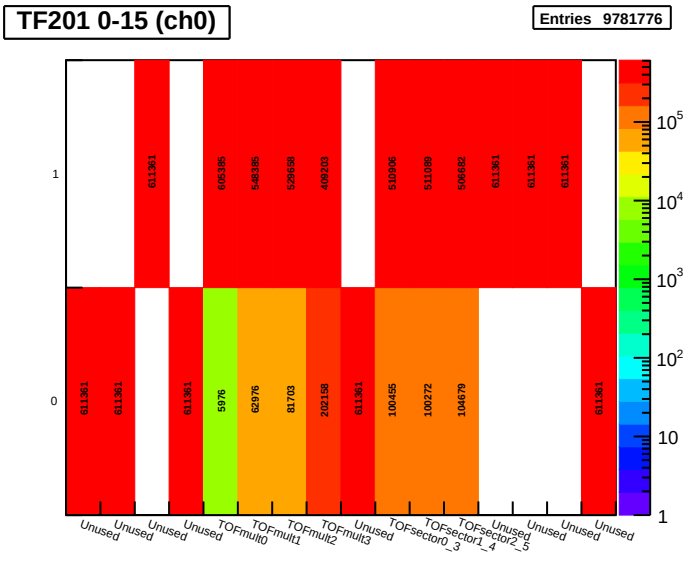

Entries 611361
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

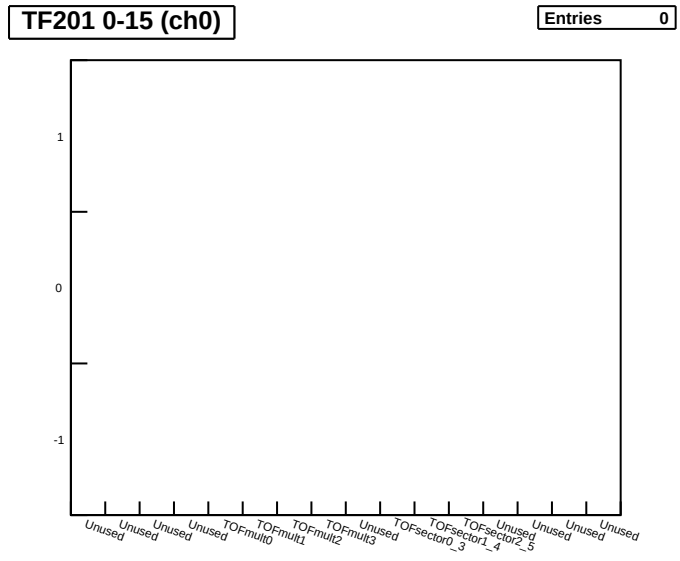

Entries 611361
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

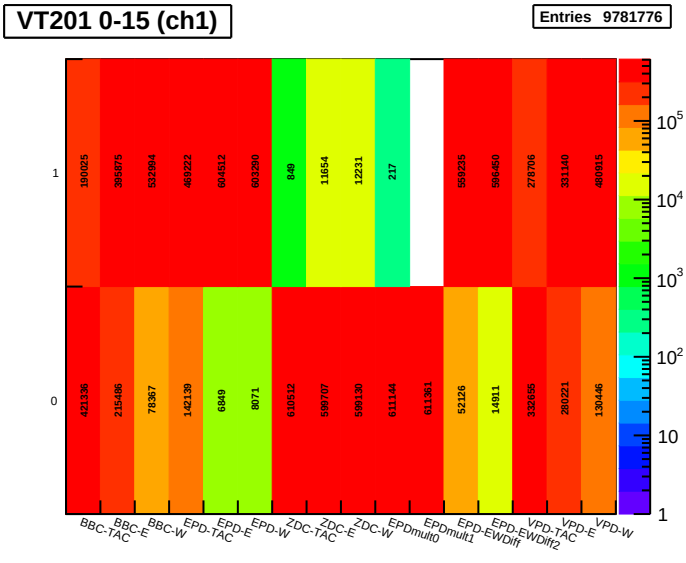

Entries 611361
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

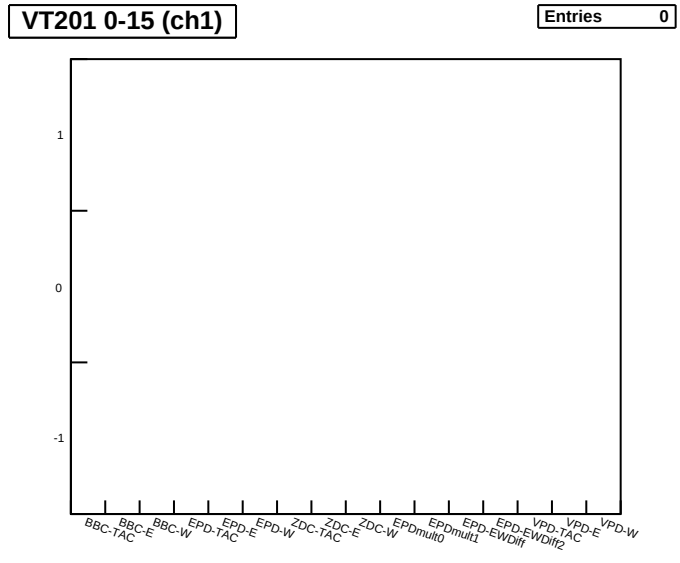

Laser Input Bits
Entries 611361
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

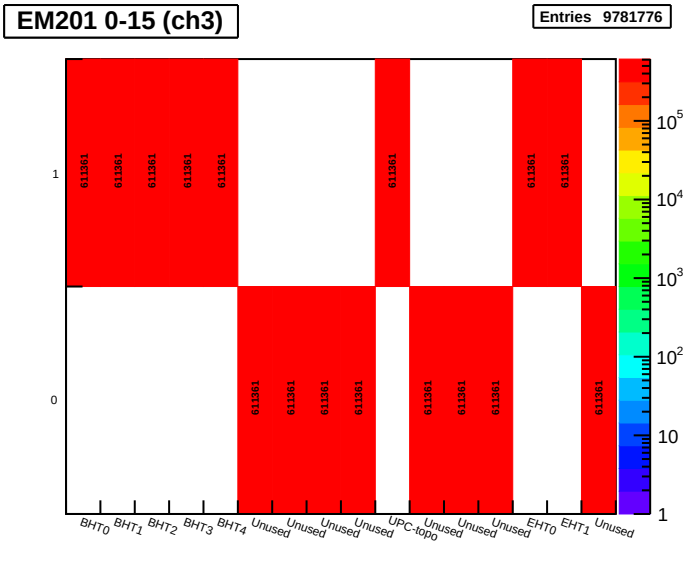

ST201 0-15 (ch6)
Entries 9781776
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
15
611361
611346
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

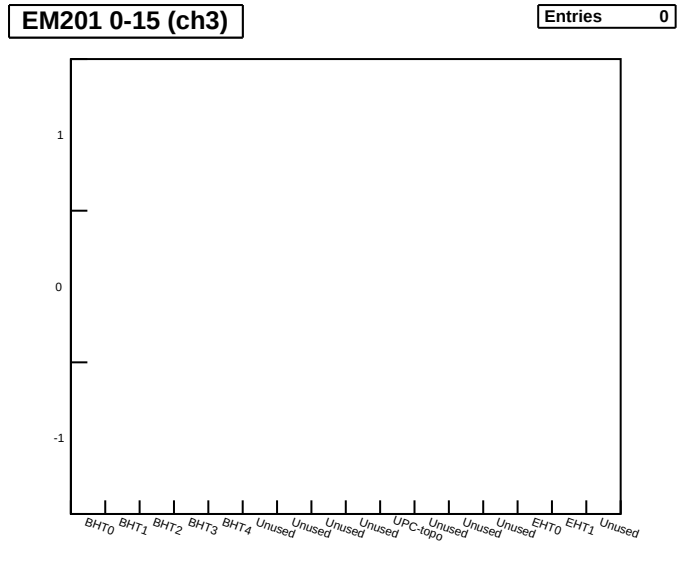

TF201 0-15 (ch0)
Entries 9781776
1
0
611361 611361 611361 605385 548385 529658 409203 510906 511089 506682 611361 611361 611361
611361 611361 611361 5976 62976 81703 202158 611361 100455 100272 104679 611361
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 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


VT201 0-15 (ch1)
Entries 9781776
1
0
190025 395875 532994 469222 604512 603290 849 11654 12231 217 559235 596450 278706 331140 480915
421336 215486 78367 142139 6949 8071 610512 599707 599130 611144 611361 52126 14911 332655 280221 130446
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 9781776
1
0
611361 611361 611361 611361 611361 611361 611361 611361
611361 611361 611361 611361 611361 611361 611361 611361
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