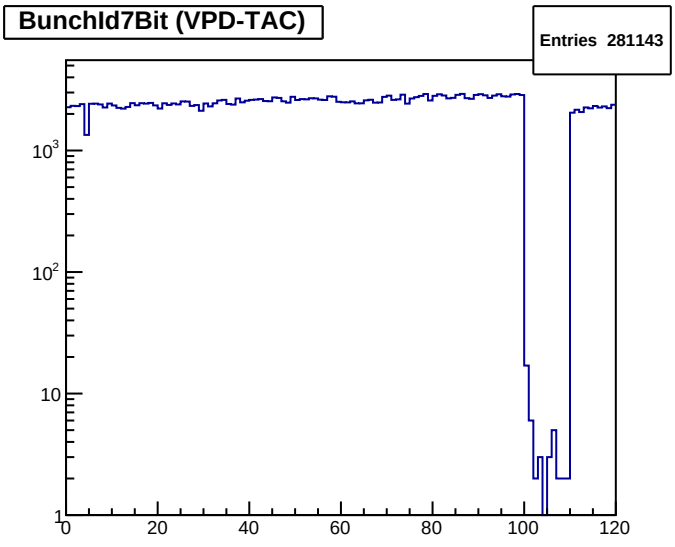
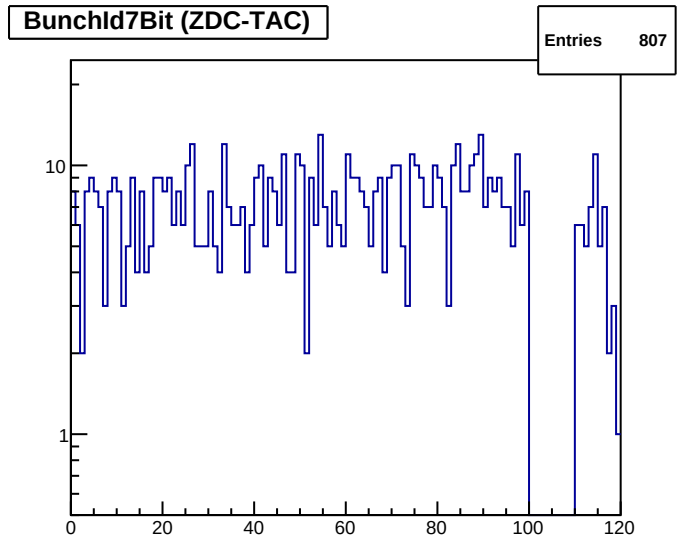
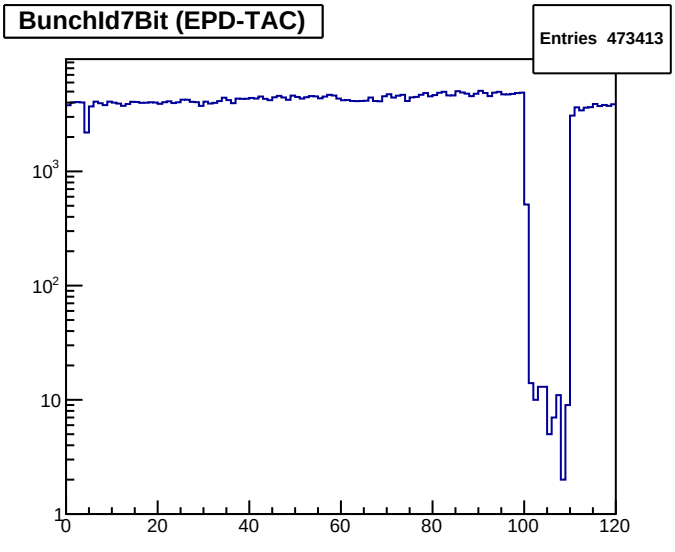
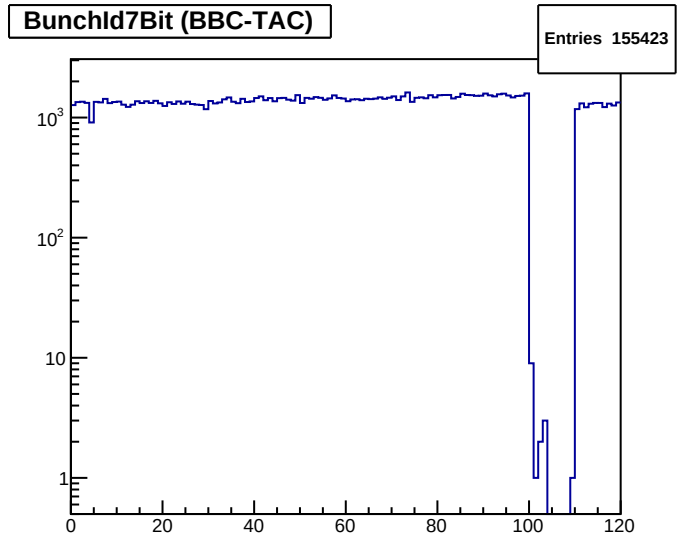
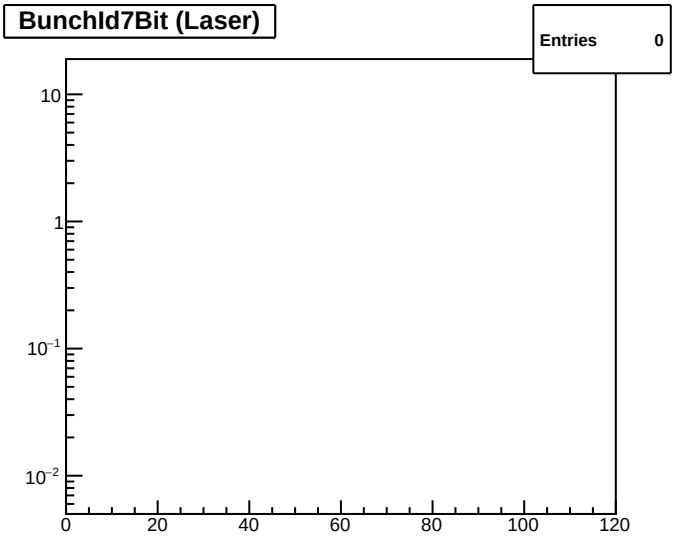
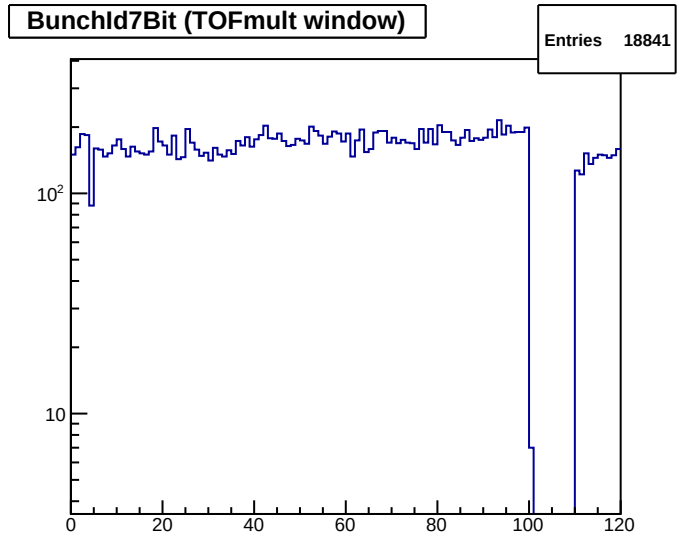

BunchId7Bit (VPD-TAC)
Entries 281143

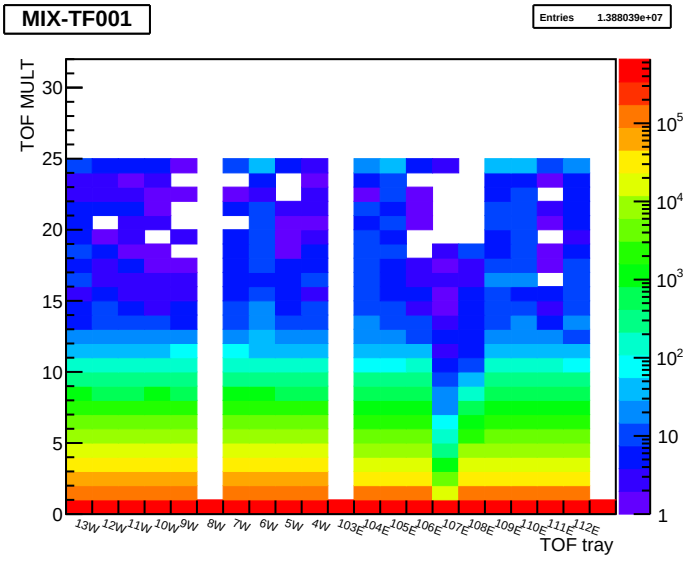

BunchId7Bit (ZDC-TAC)
Entries 807

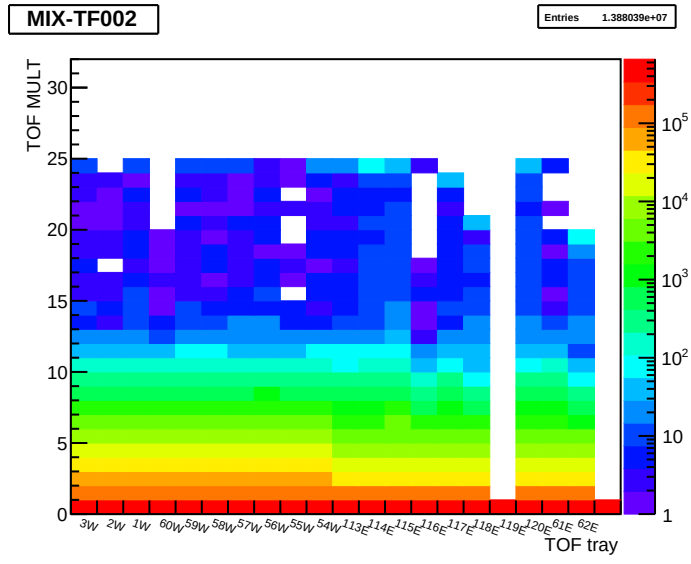

BunchId7Bit (EPD-TAC)
Entries 473413

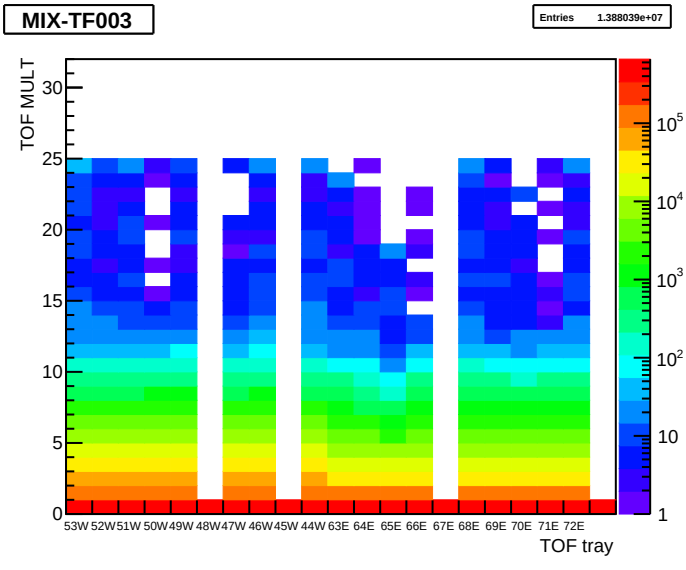

BunchId7Bit (BBC-TAC)
Entries 155423

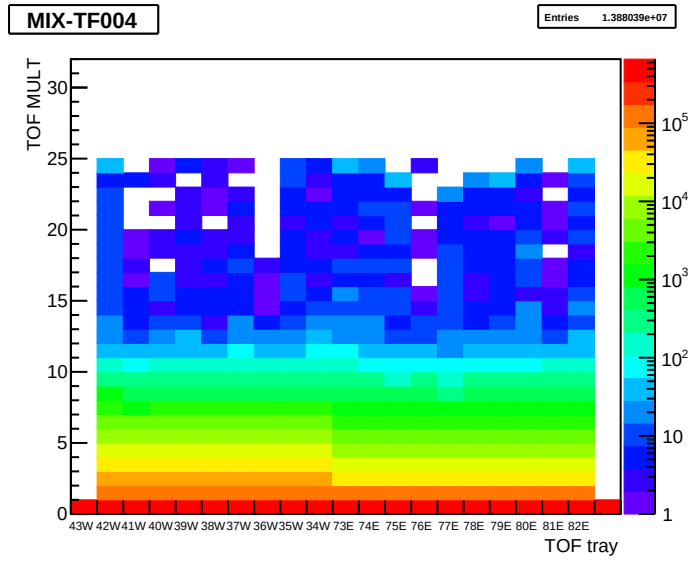

BunchId7Bit (Laser)
Entries 0

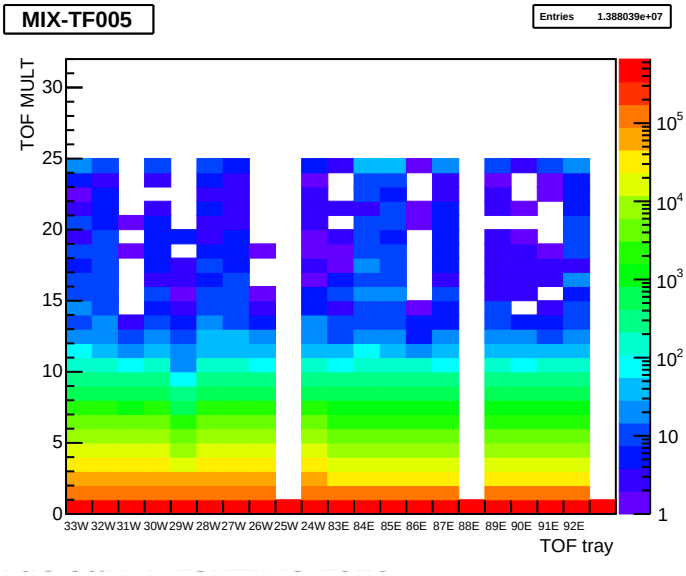

BunchId7Bit (TOFmult window)
Entries 18841

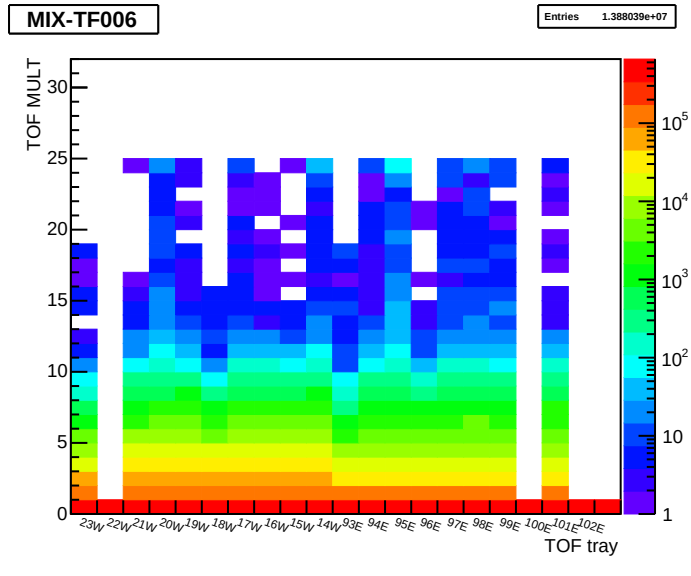

MIX-TF001
Entries 1.388039e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

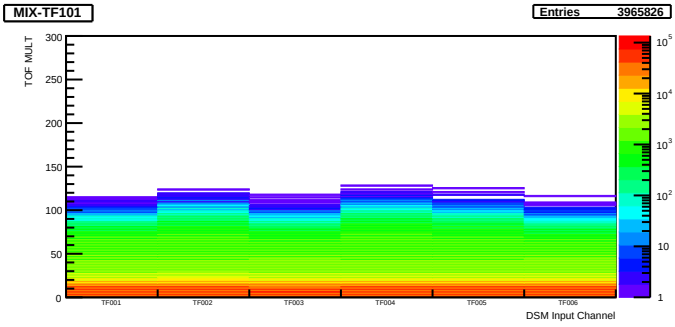

MIX-TF002
Entries 1.388039e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

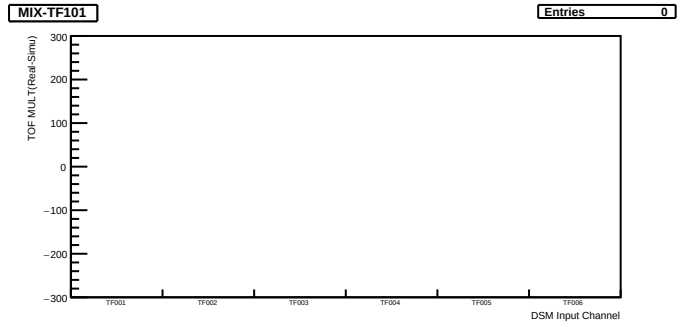

MIX-TF003
Entries 1.388039e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

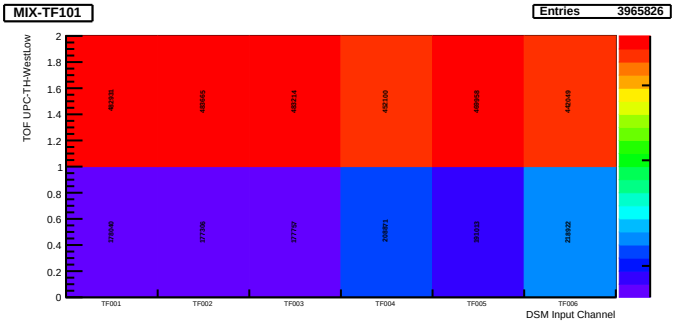

MIX-TF004
Entries 1.388039e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

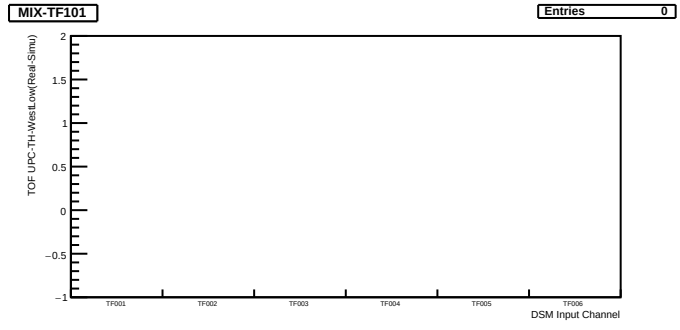

MIX-TF005
Entries 1.388039e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

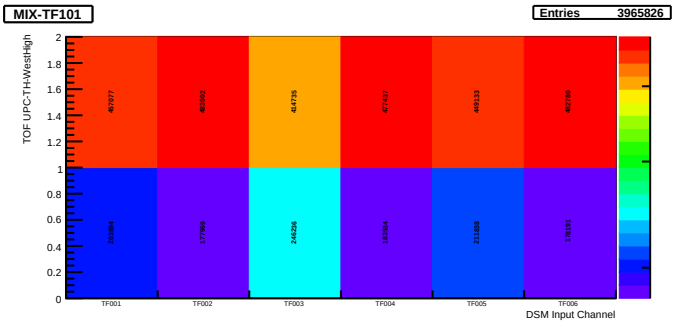

MIX-TF006
Entries 1.388039e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

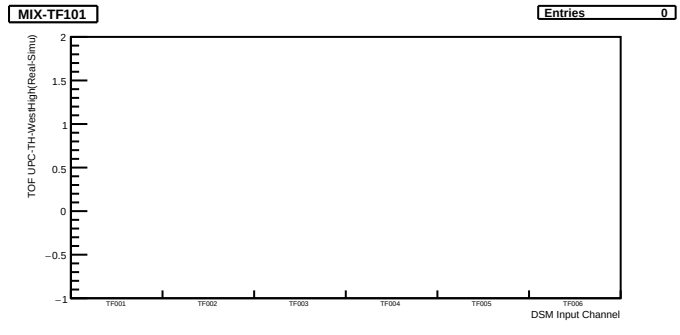

MIX-TF101
Entries 3965826
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

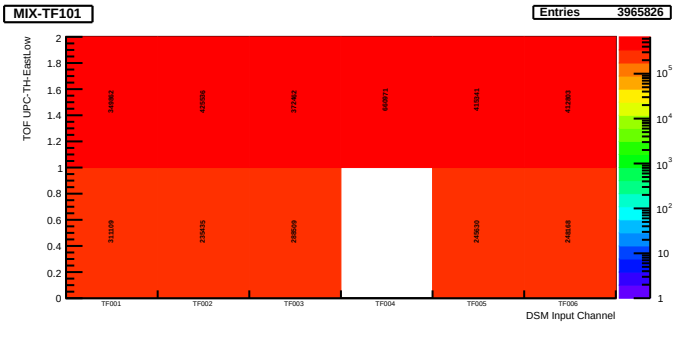

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

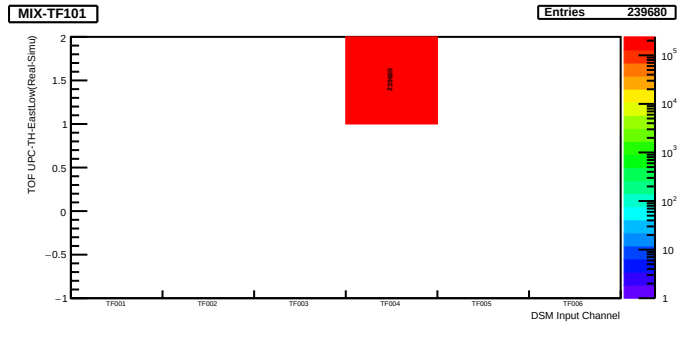

MIX-TF101
Entries 3965826
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

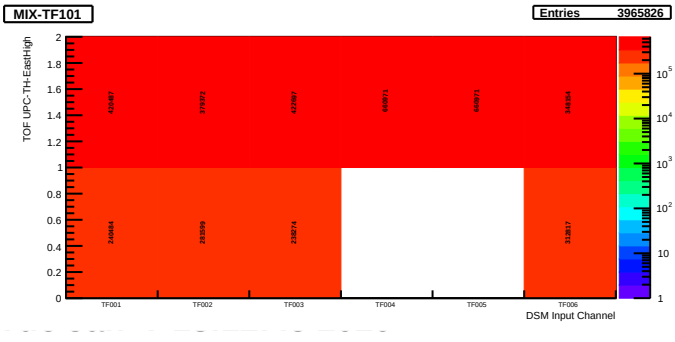

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

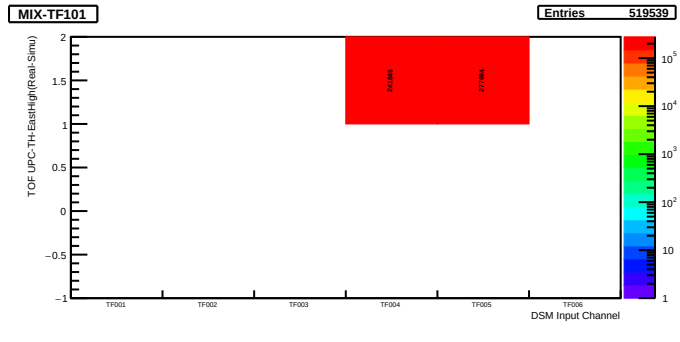

MIX-TF101
Entries 3965826
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

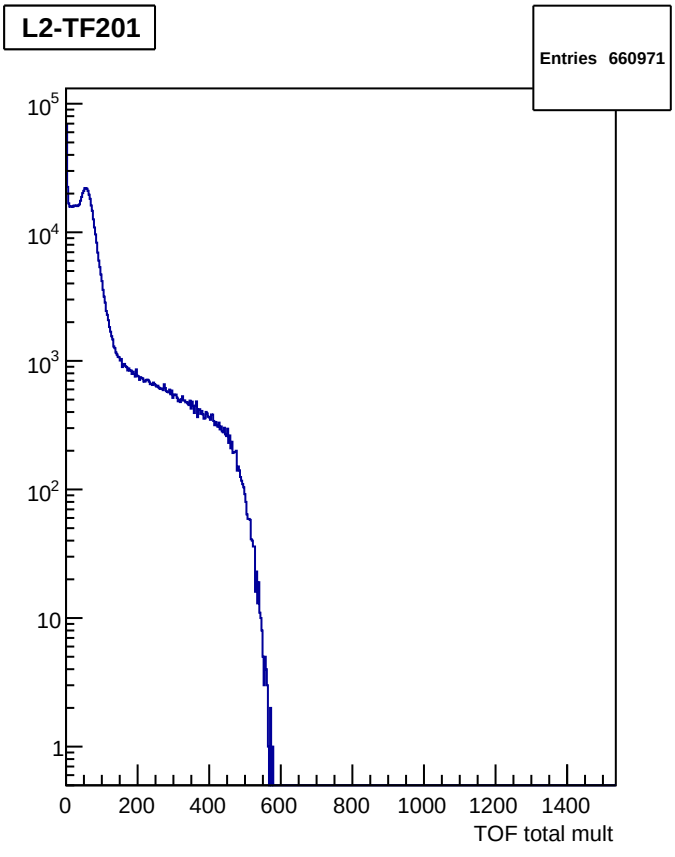

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

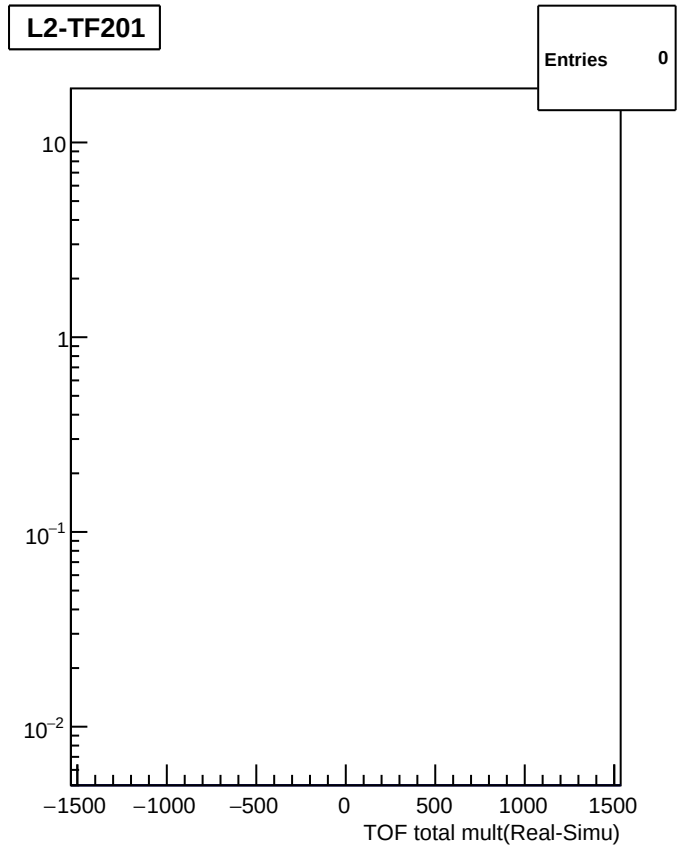

MIX-TF101
Entries 3965826
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

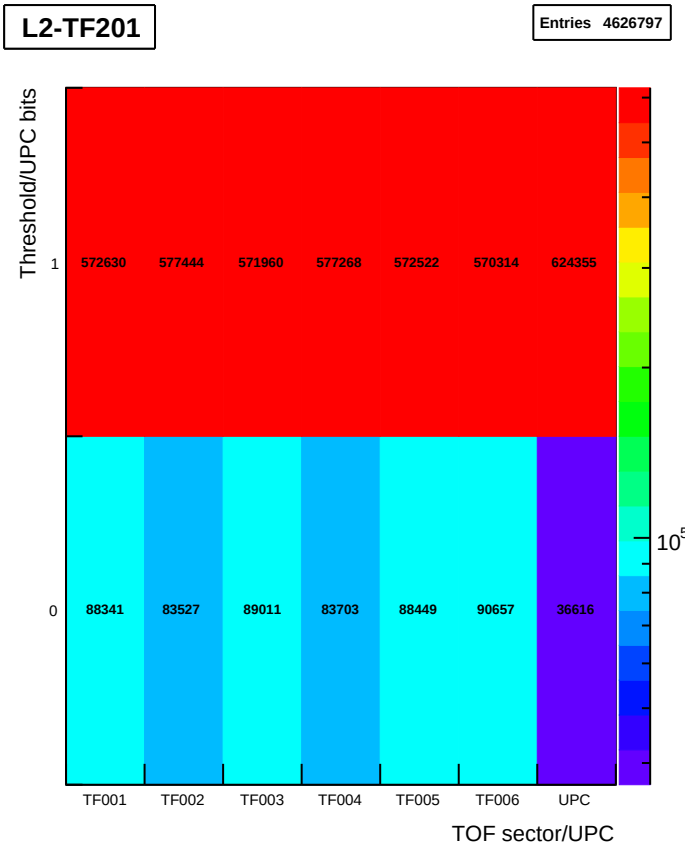

MIX-TF101
Entries 239680
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

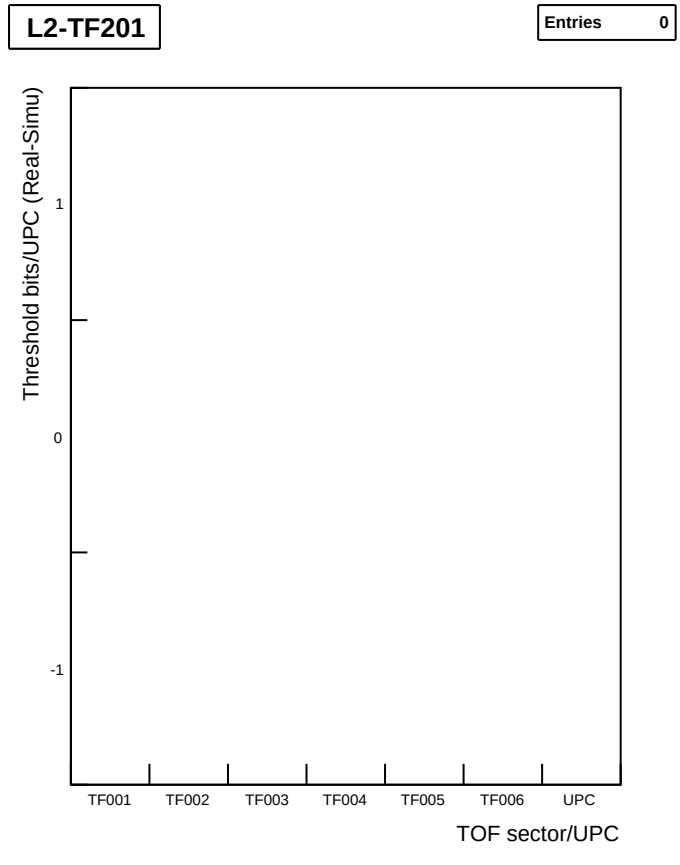

MIX-TF101
Entries 3965826
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

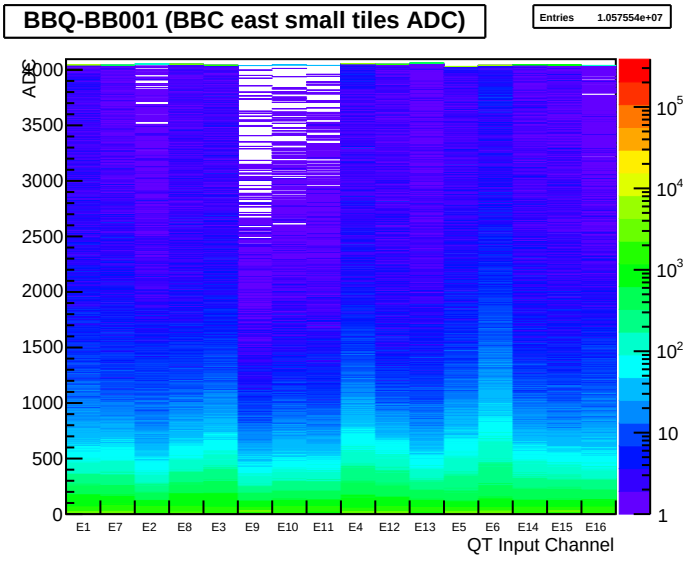

MIX-TF101
Entries 519539
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

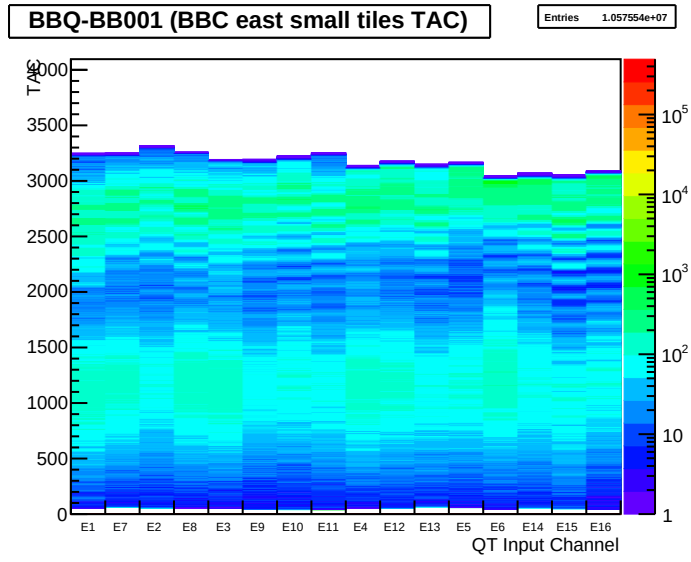

L2-TF201
Entries 660971
TOF total mult

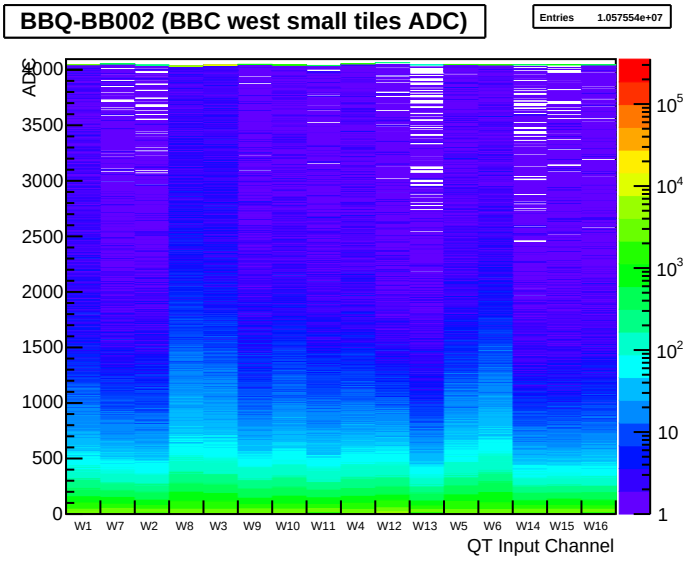

L2-TF201
Entries 0
TOF total mult(Real-Simu)

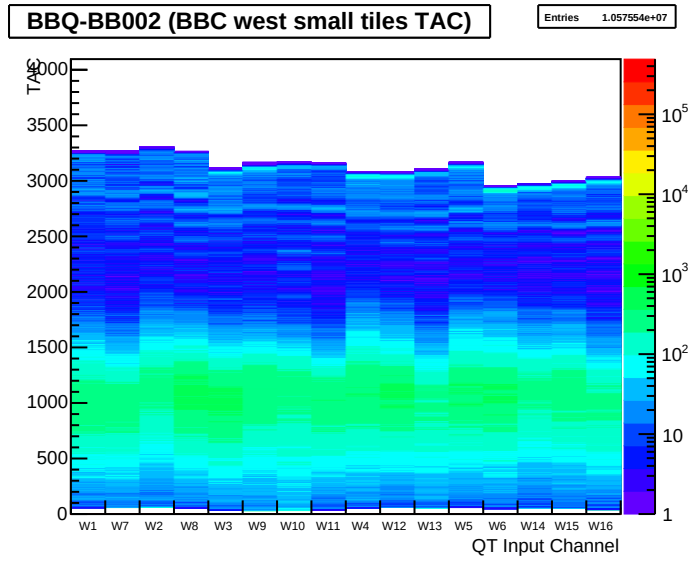

L2-TF201
Entries 4626797
Threshold/UPC bits
572630
577444
571960
577268
572522
570314
624355
88341
83527
89011
83703
88449
90657
36616
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

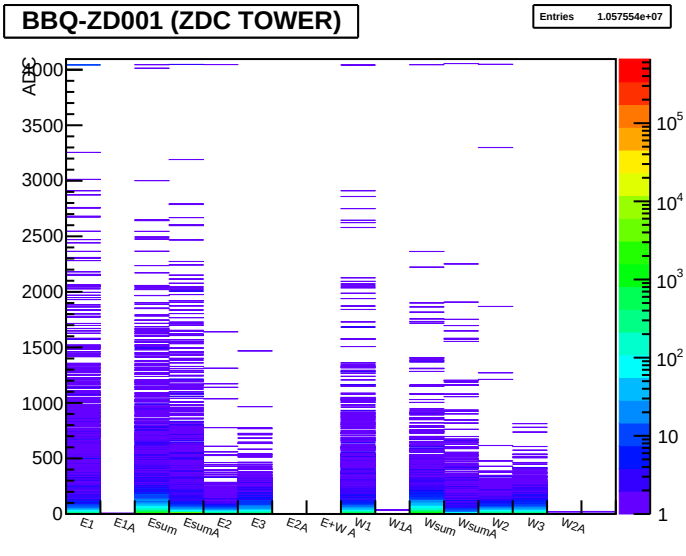

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

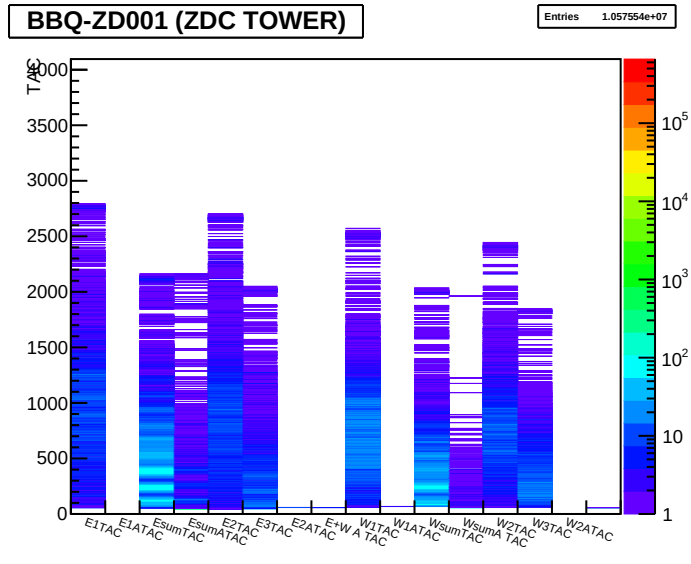

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.057554e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

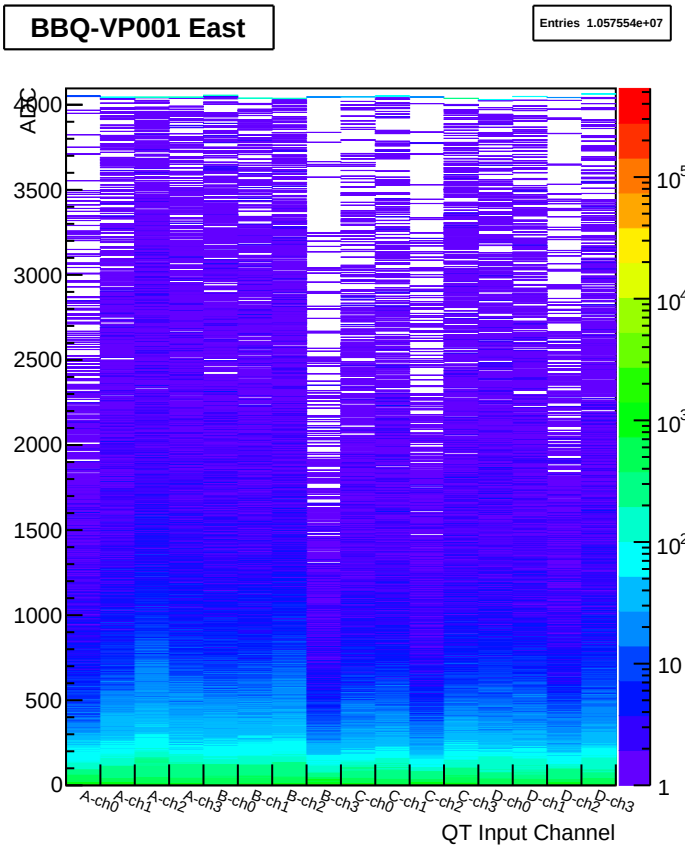

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.057554e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

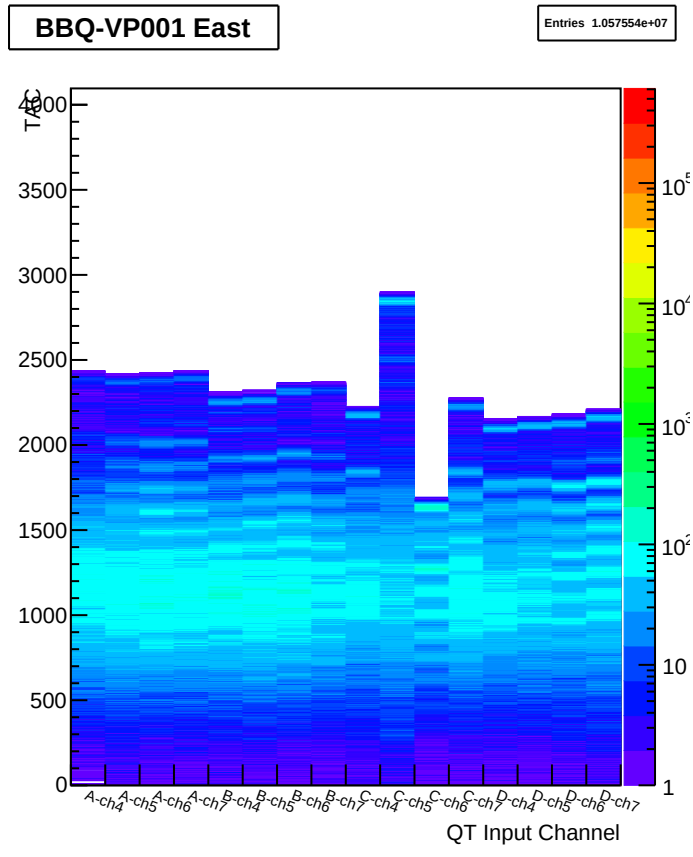

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.057554e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

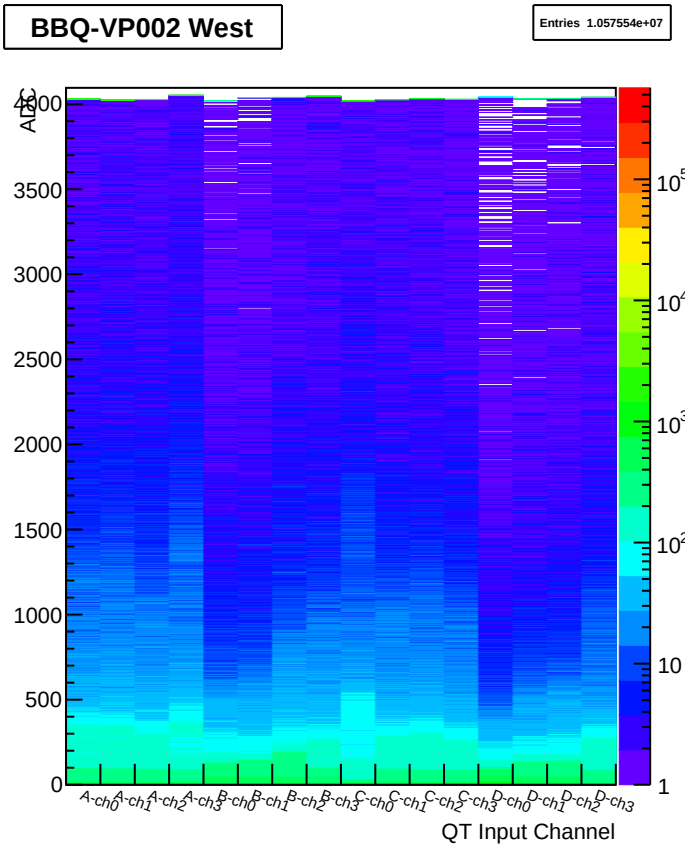

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.057554e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

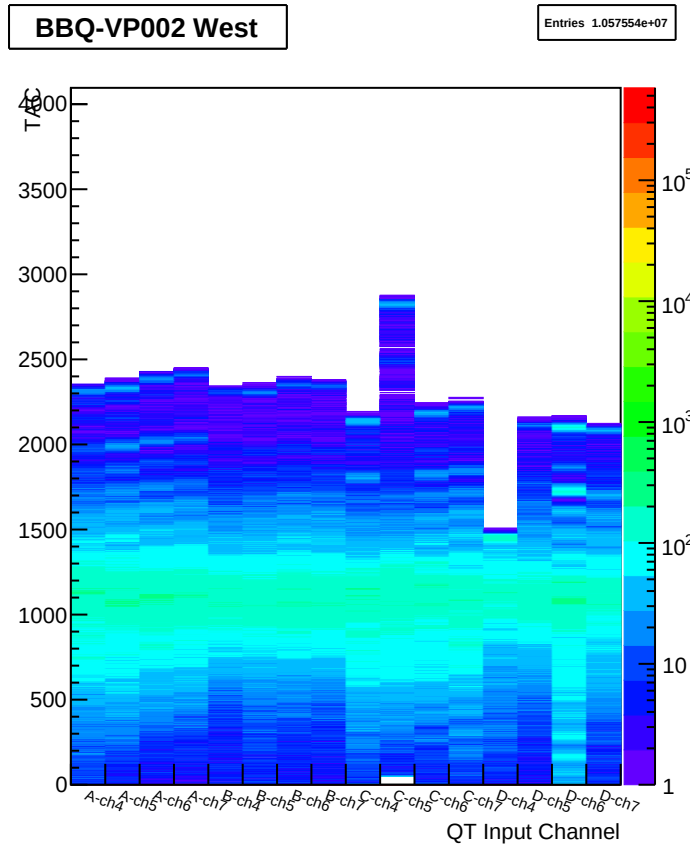

BBQ-ZD001 (ZDC TOWER)
Entries 1.057554e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

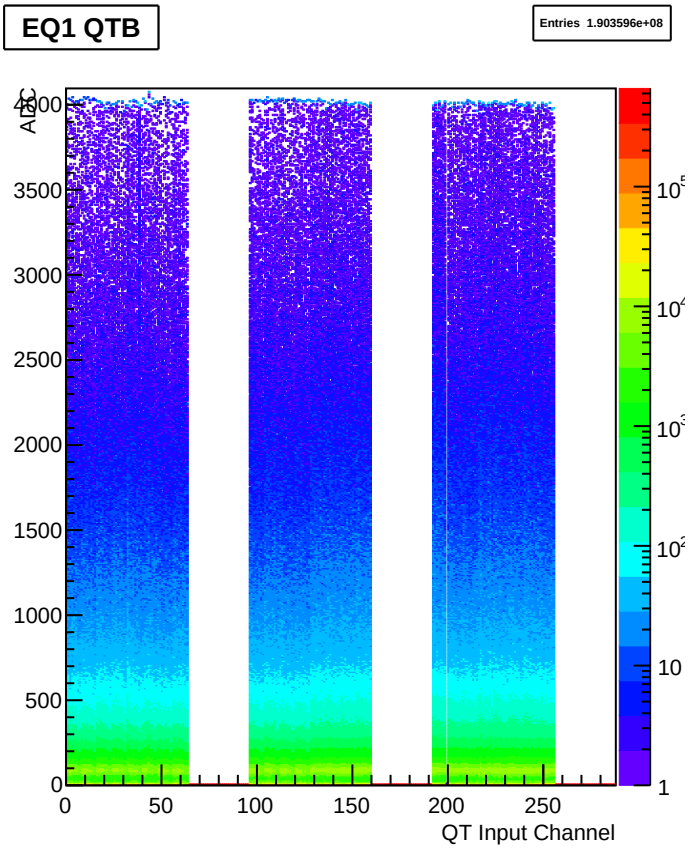

BBQ-ZD001 (ZDC TOWER)
Entries 1.057554e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

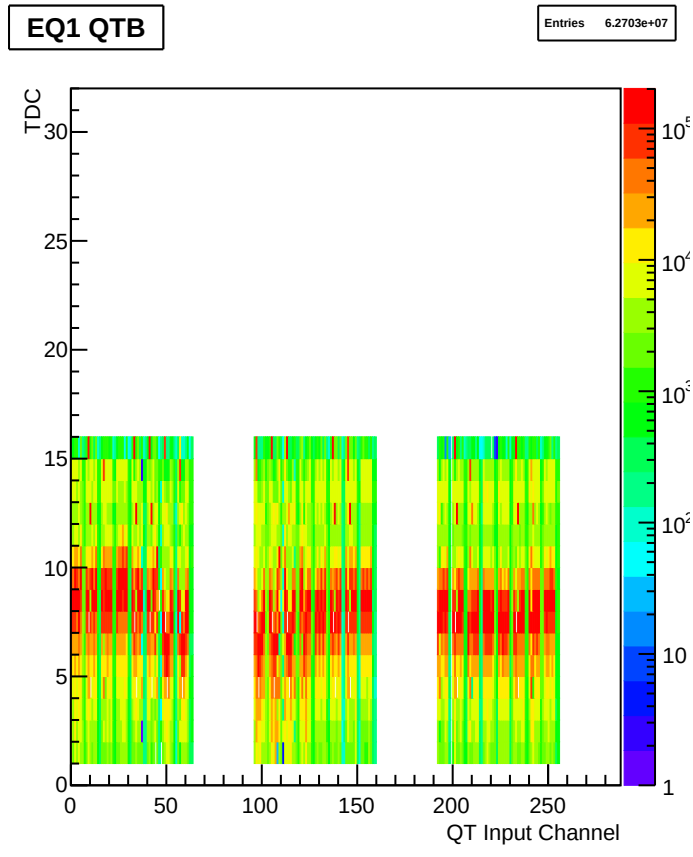

BBQ-VP001 East
Entries 1.057554e+07
ADC
QT Input Channel

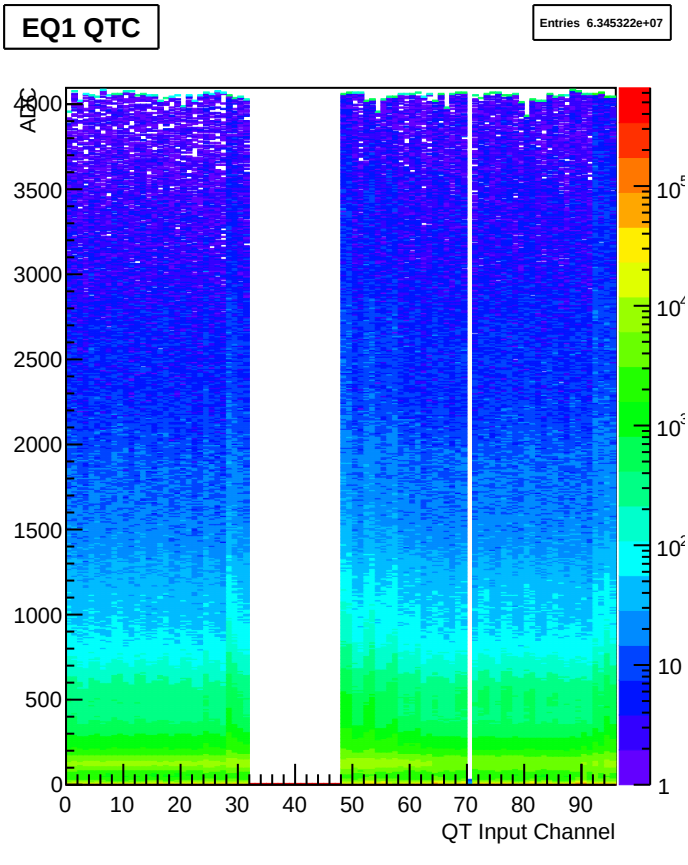

BBQ-VP001 East
Entries 1.057554e+07
TADC
QT Input Channel

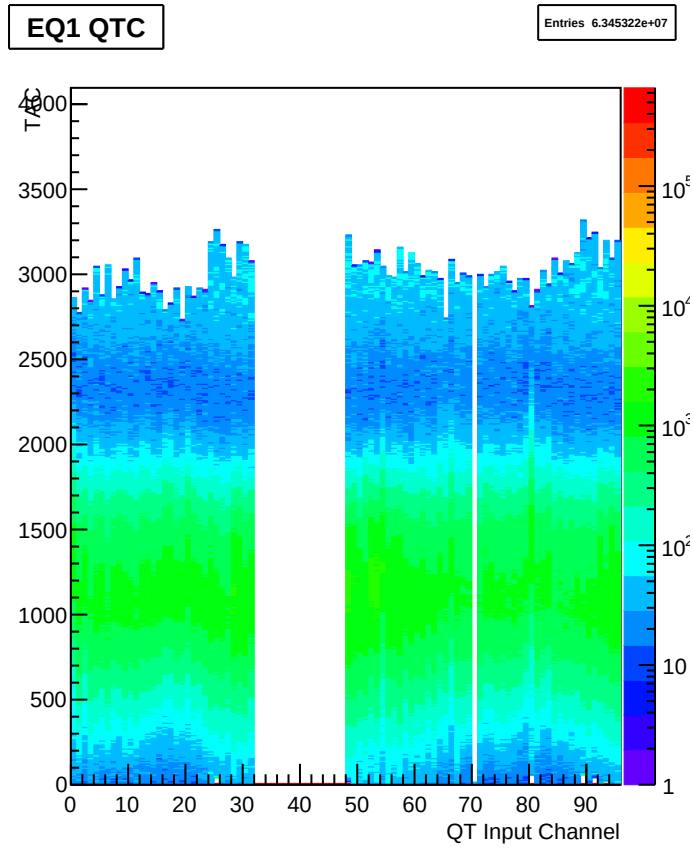

BBQ-VP002 West
Entries 1.057554e+07
ADC
QT Input Channel

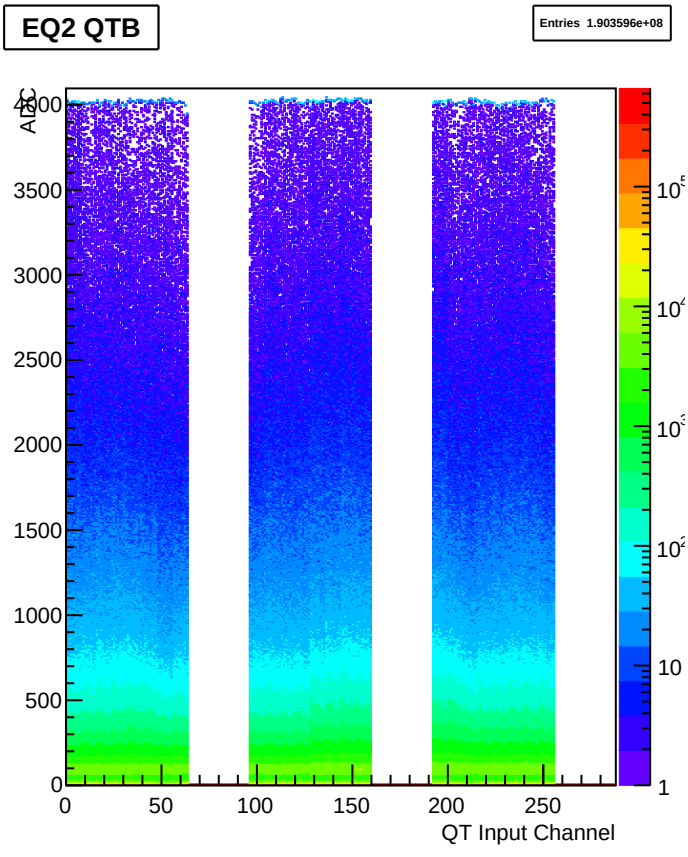

BBQ-VP002 West
Entries 1.057554e+07
TADC
QT Input Channel

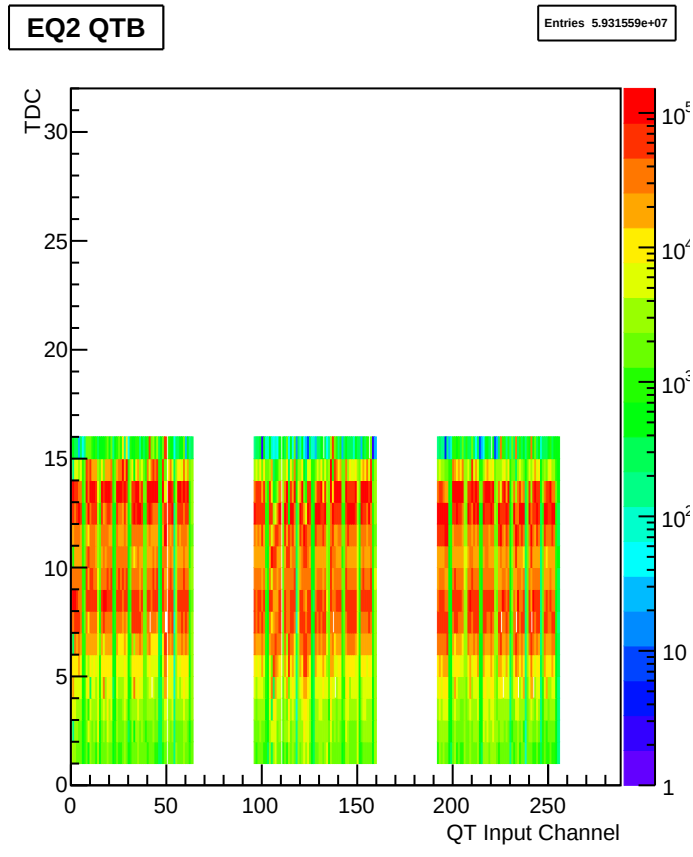

EQ1 QTB
Entries 1.903596e+08
ADC
QT Input Channel

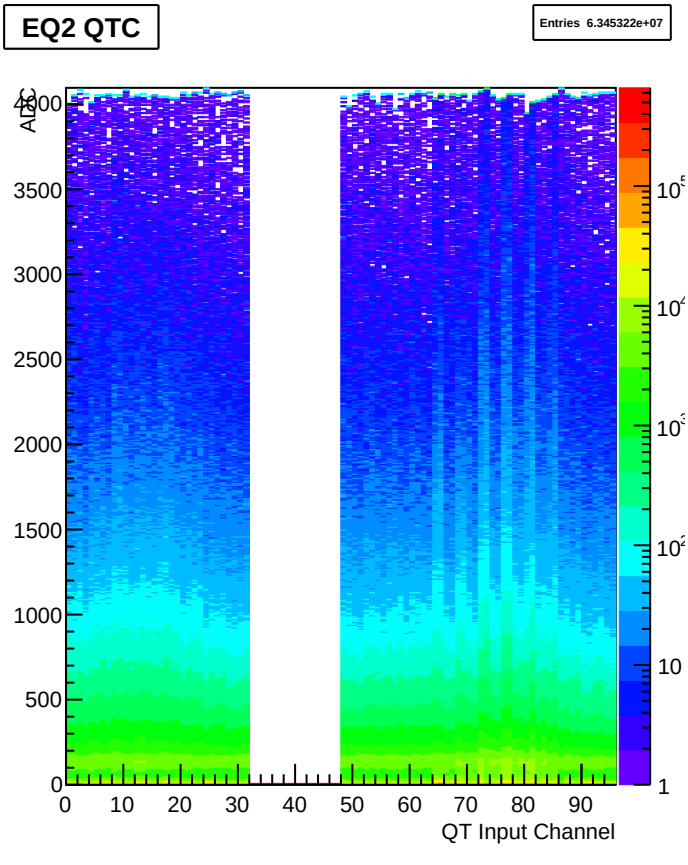

EQ1 QTB
Entries 6.2703e+07
TDC
QT Input Channel

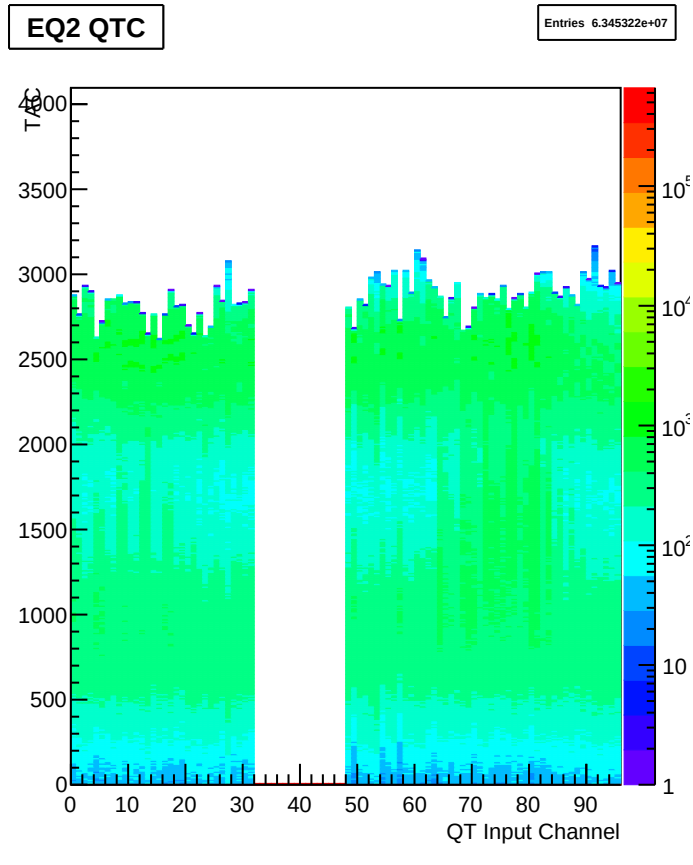

EQ1 QTC
Entries 6.345322e+07
ADC
QT Input Channel

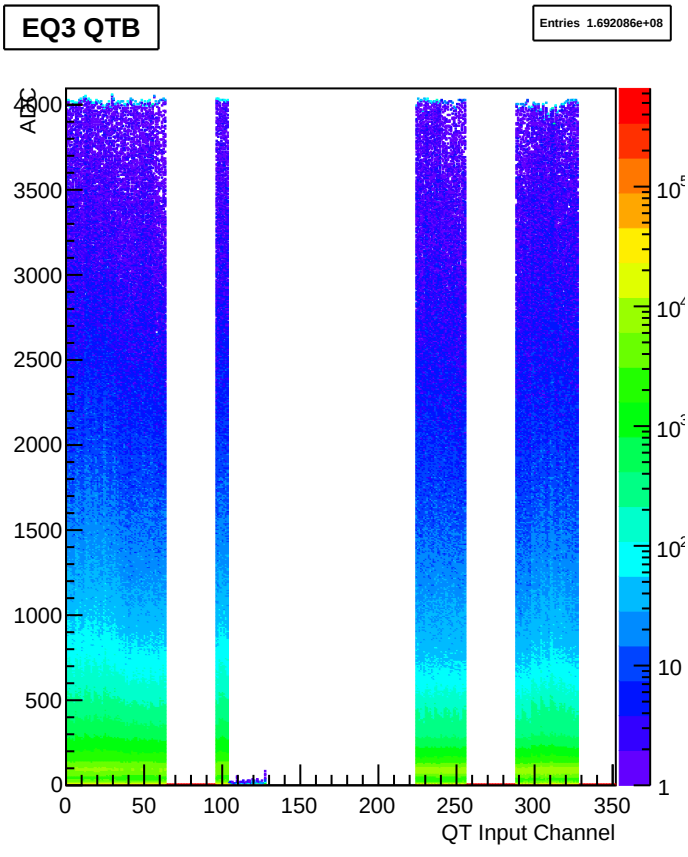

EQ1 QTC
Entries 6.345322e+07
TADC
QT Input Channel

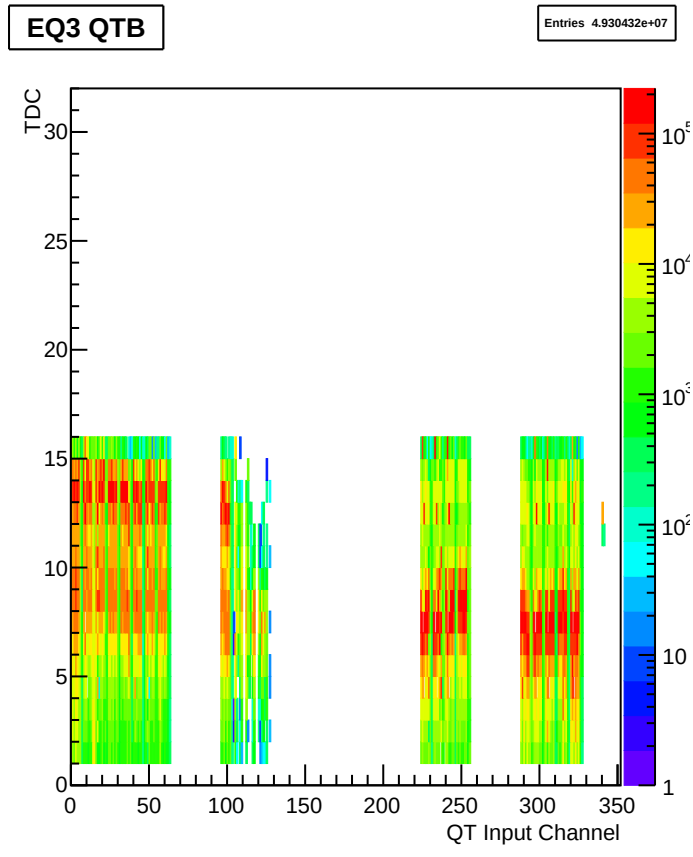

EQ2 QTB
Entries 1.903596e+08
ADC
QT Input Channel

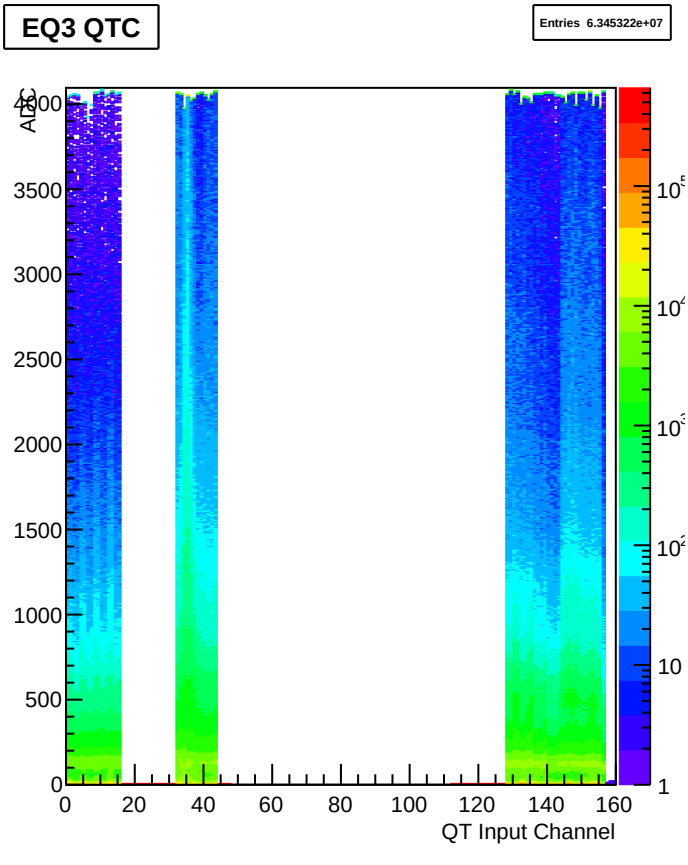

EQ2 QTB
Entries 5.931559e+07
TDC
QT Input Channel

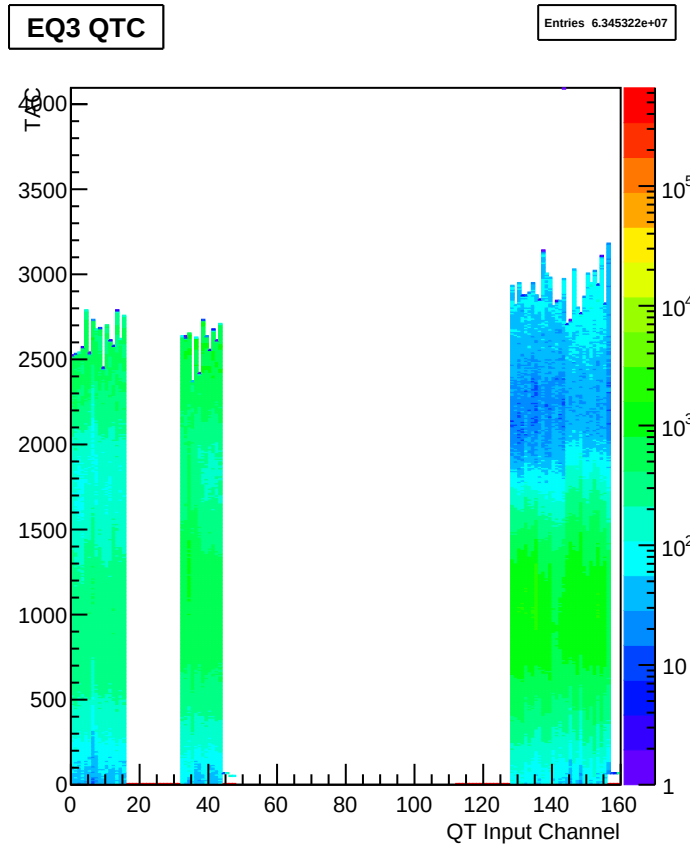

EQ2 QTC
Entries 6.345322e+07
ADC
QT Input Channel

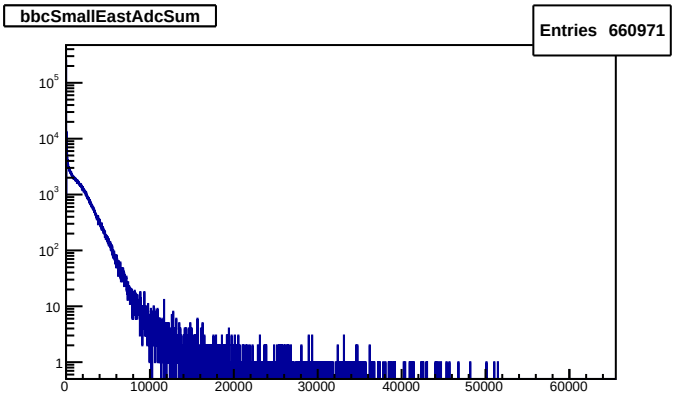

EQ2 QTC
Entries 6.345322e+07
TADC
QT Input Channel

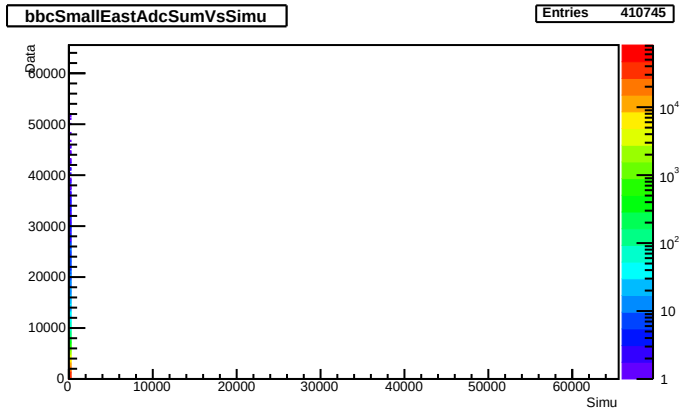

EQ3 QTB
Entries 1.692086e+08
ADC
QT Input Channel

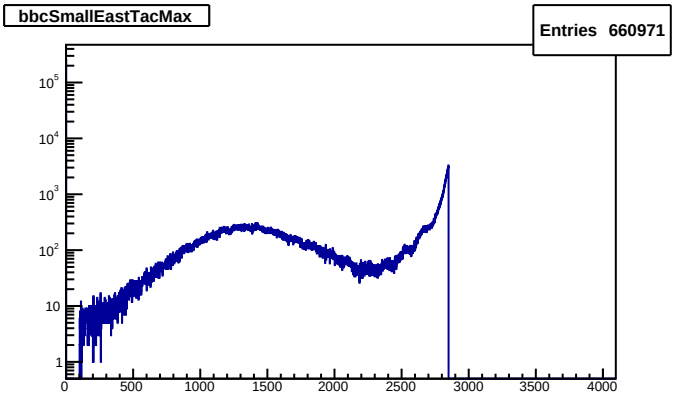

EQ3 QTB
Entries 4.930432e+07
TDC
QT Input Channel

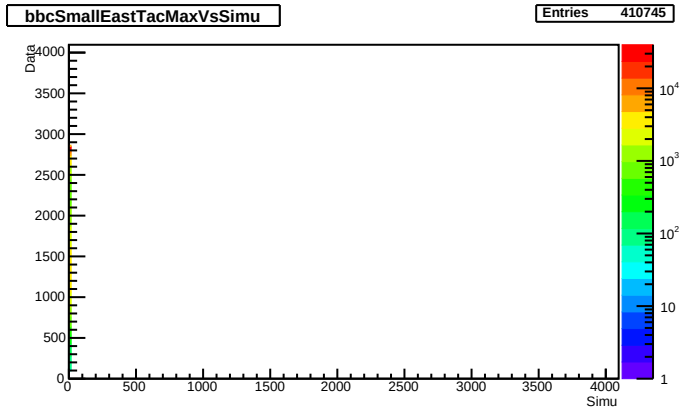

EQ3 QTC
Entries 6.345322e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.345322e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 660971


bbcSmallEastAdcSumVsSimu
Entries 410745
Data
Simu


bbcSmallEastTacMax
Entries 660971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Entries 410745
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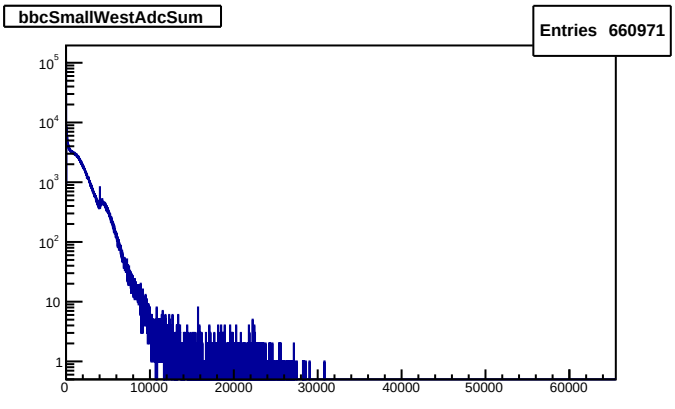
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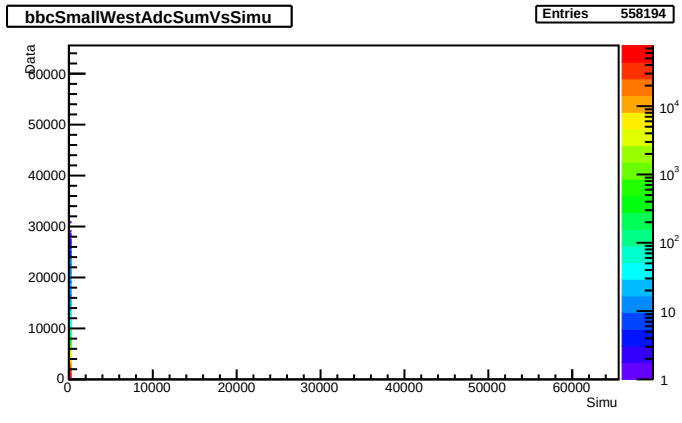
Entries 660971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Entries 558194
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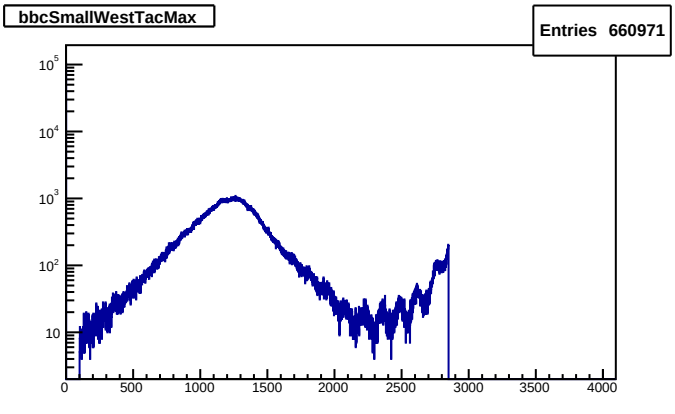
Simu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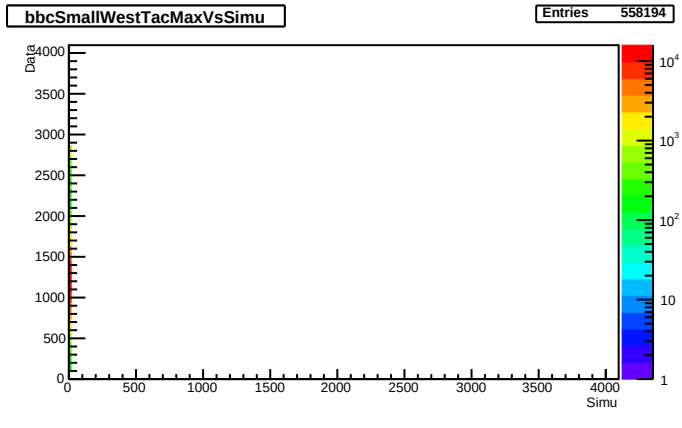
Entries 660971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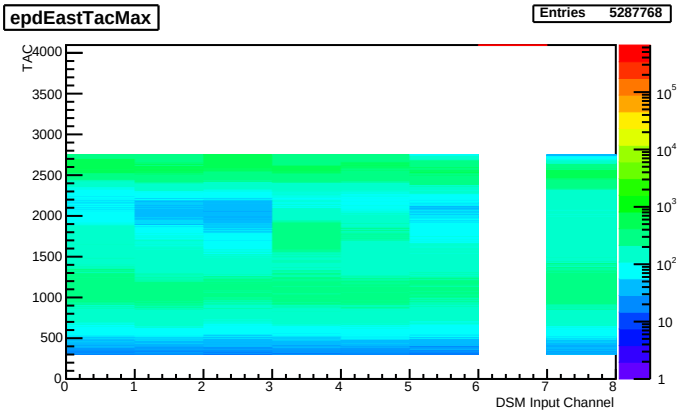
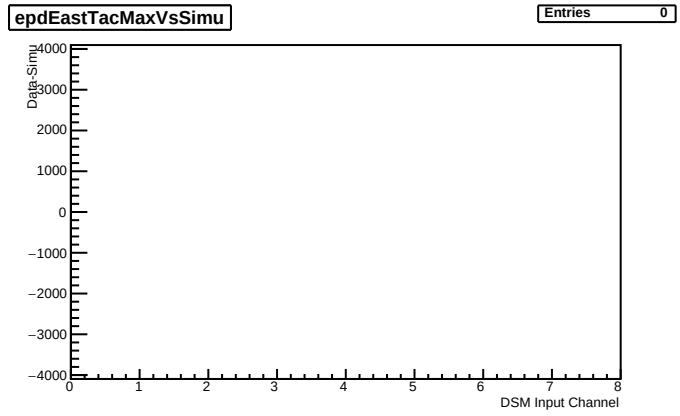
Entries 558194
Data
Simu


epdEastTacMax
Entries 5287768
TAC
DSM Input Channel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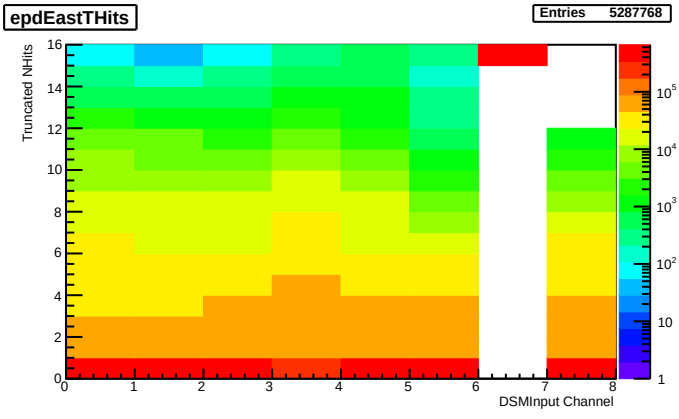
Entries 0
Data-Simu
DSM Input Channel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Entries 5287768
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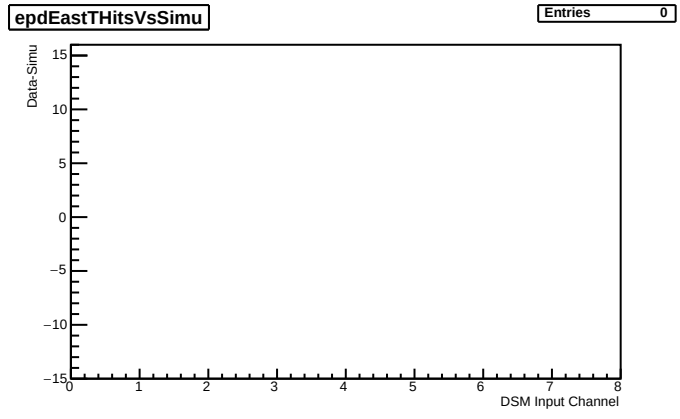
DSMInput Channel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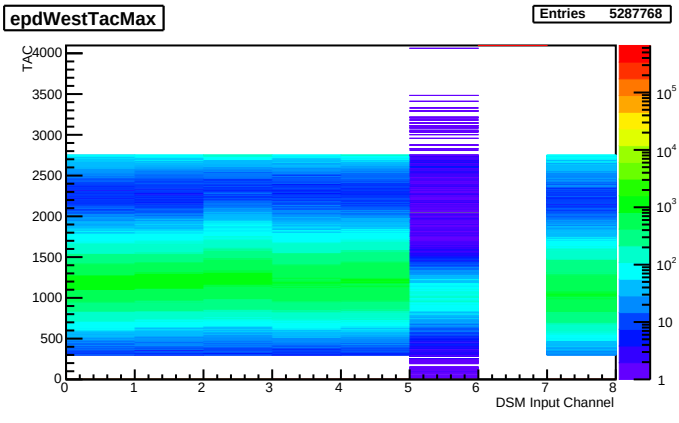
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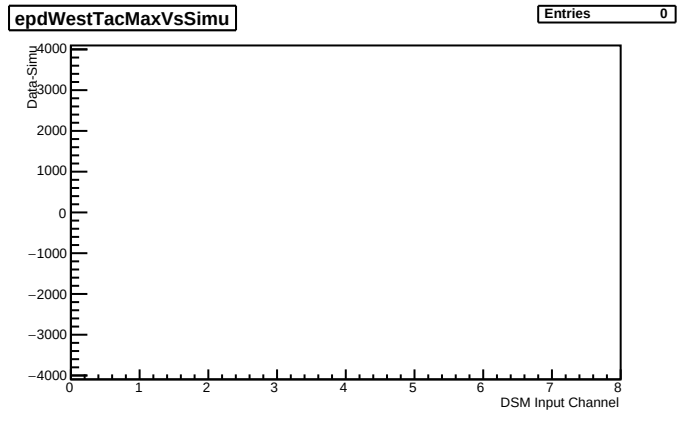
TAC
DSM Input Channel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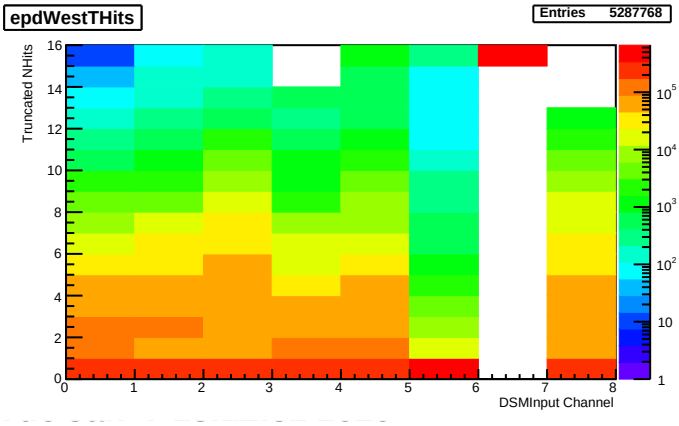
DSM Input Channel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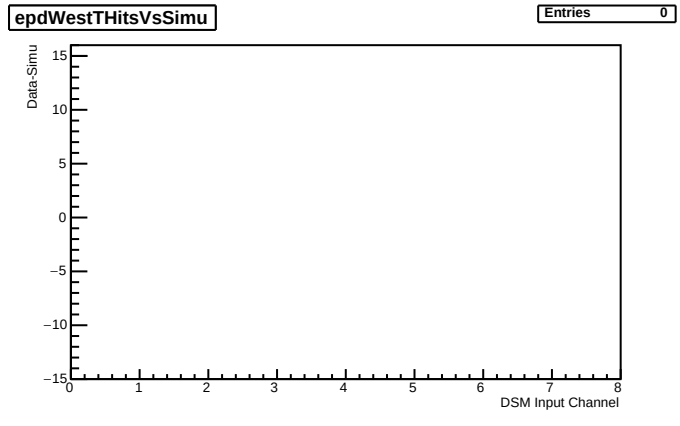
Entries 5287768
Truncated NHits
DSMInput Channel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Entries 0
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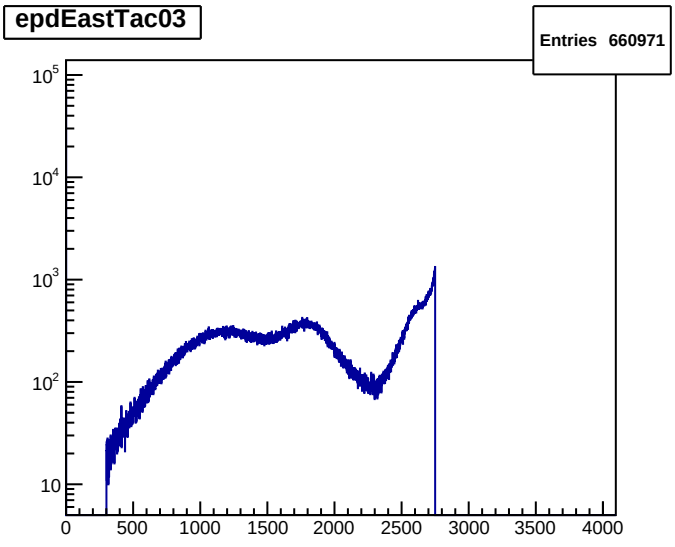
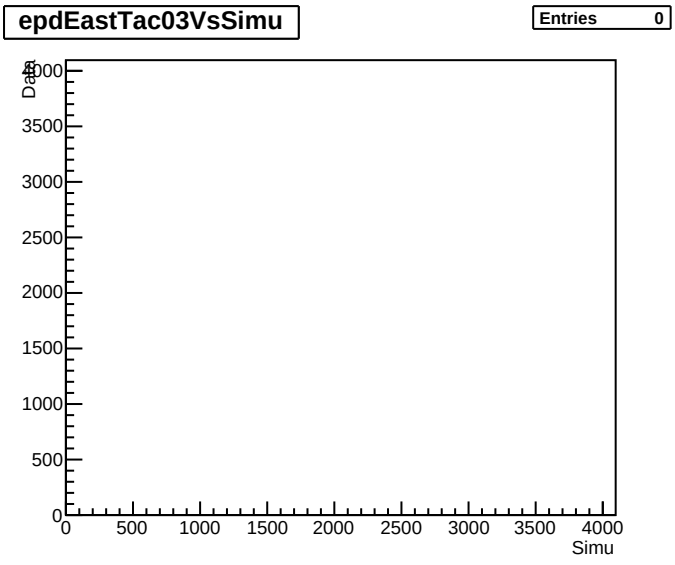
DSM Input Channel


epdEastTac03
Entries 660971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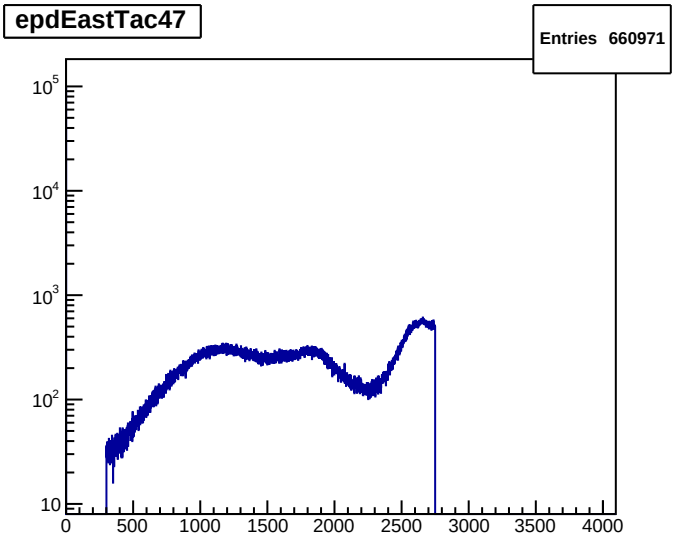
Entries 0
Data
Simu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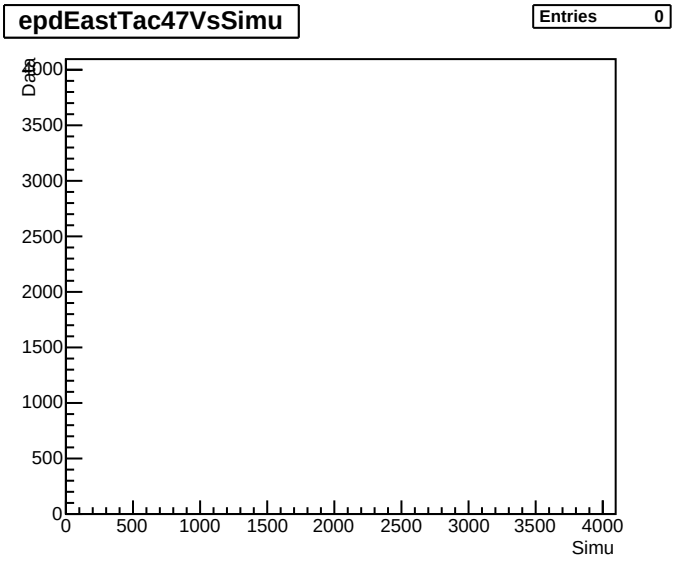
Entries 660971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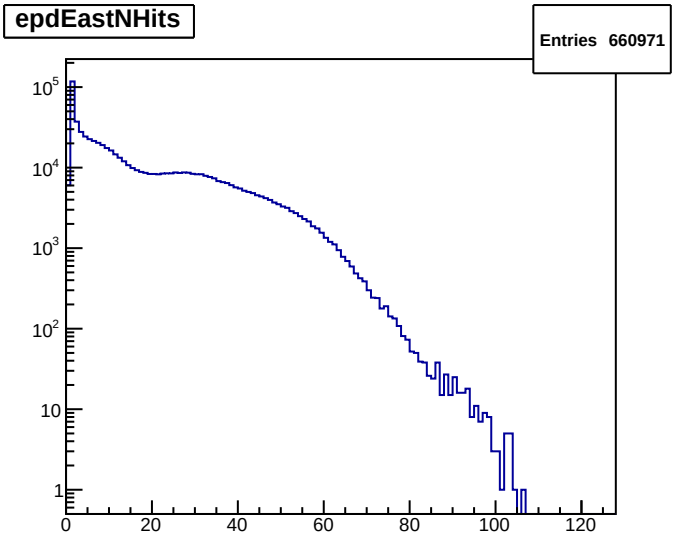
Entries 0
Data
Simu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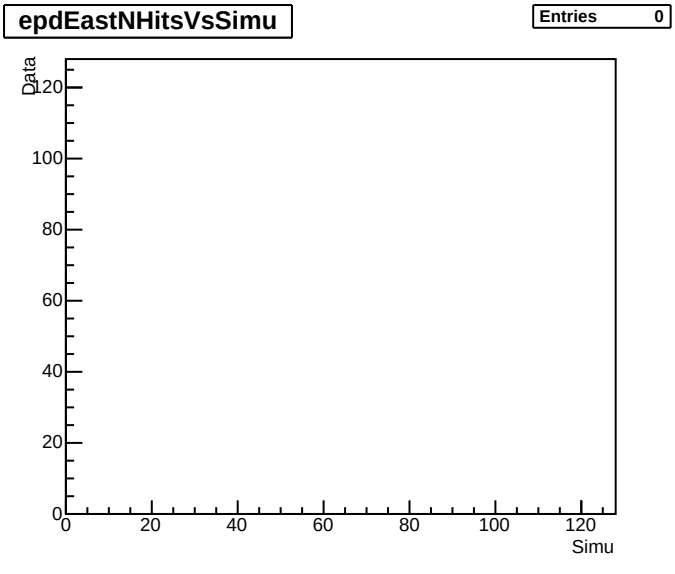
Entries 660971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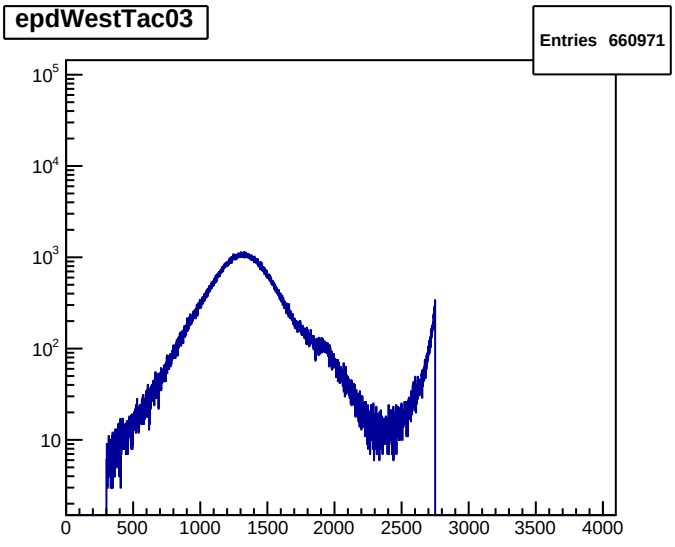
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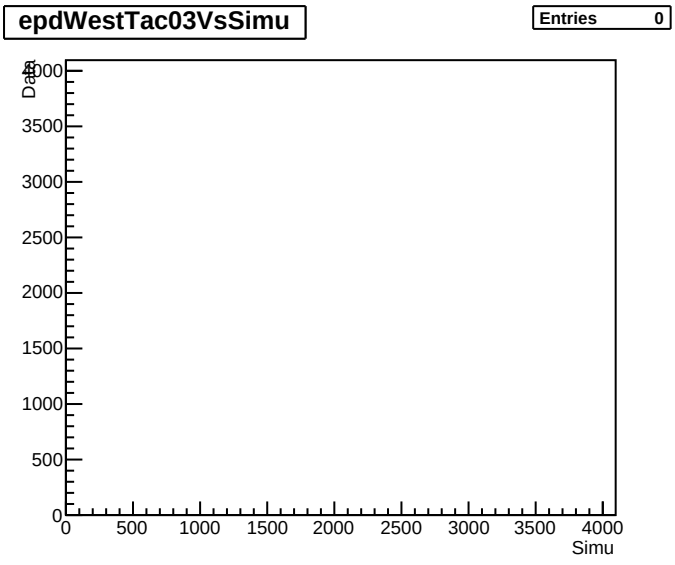
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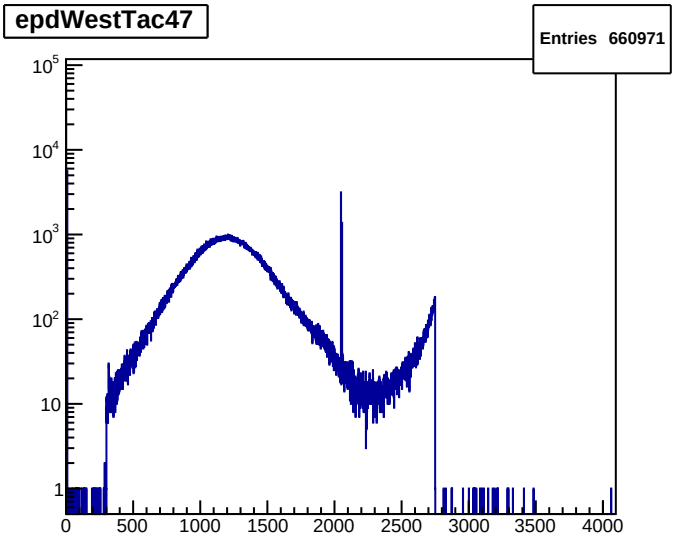
Entries 0
Data
Simu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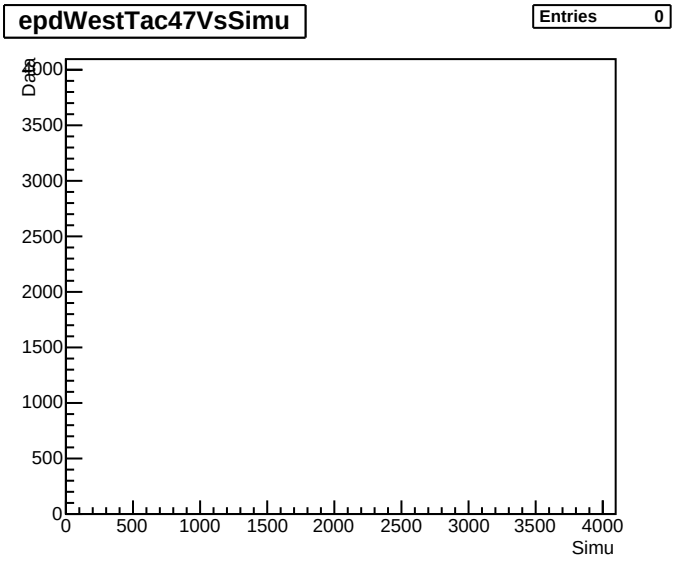
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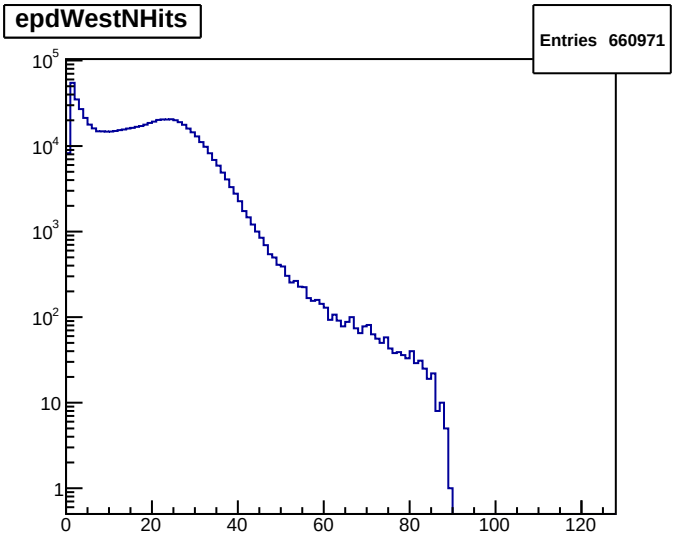
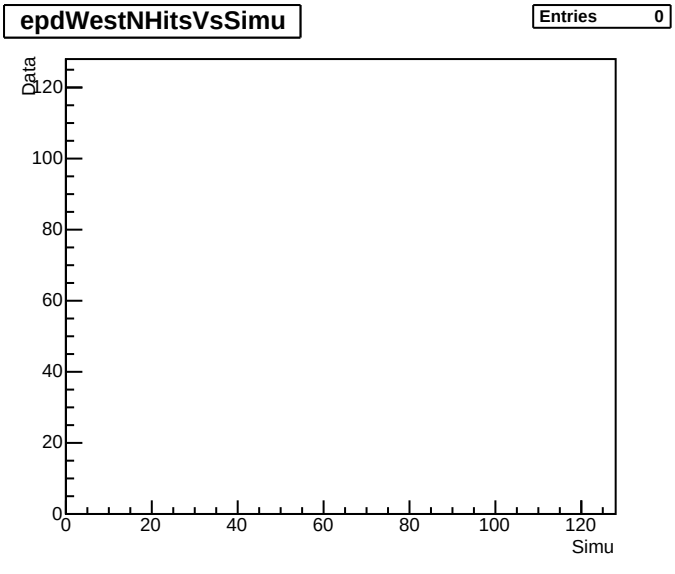
Entries 0
Data
Simu


epdWestNHits
Entries 660971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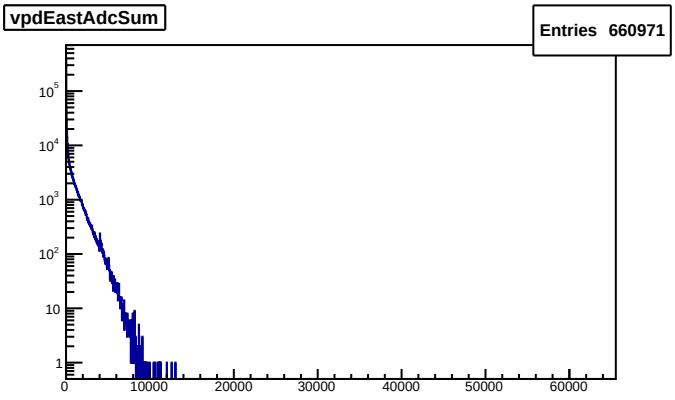
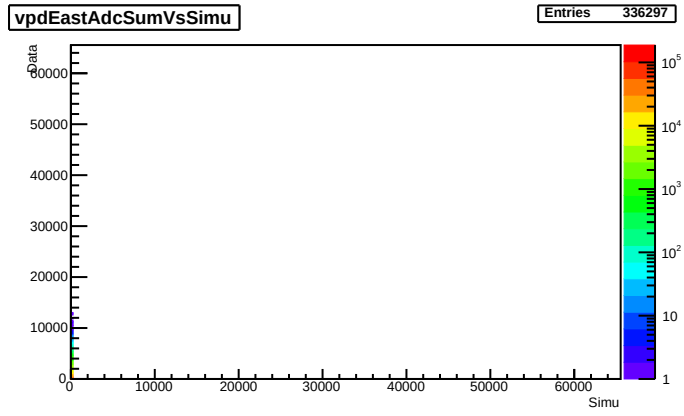
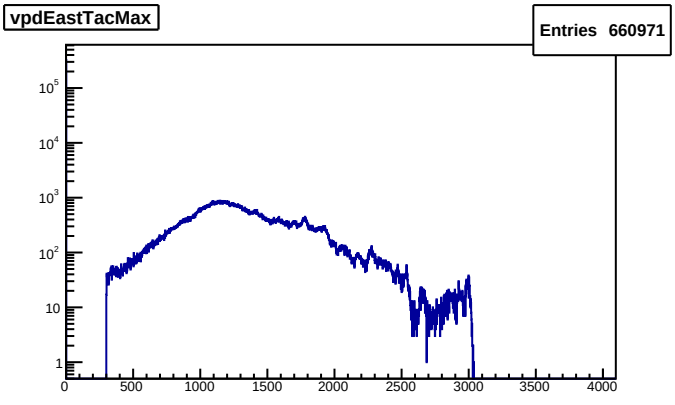
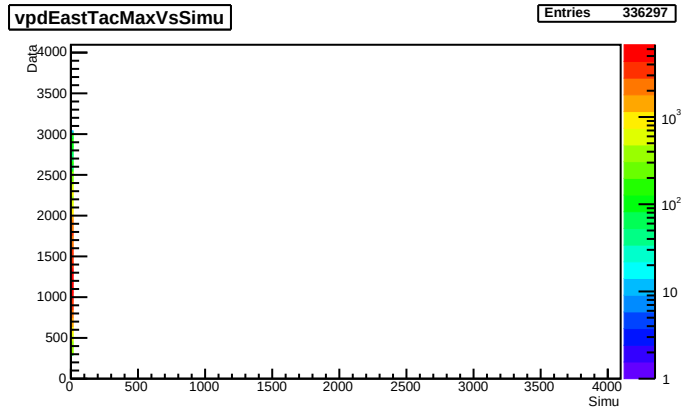
Entries 0
Data
Simu


vpdEastAdcSum
Entries 660971


vpdEastAdcSumVsSimu
Entries 336297
Data
Simu


vpdEastTacMax
Entries 660971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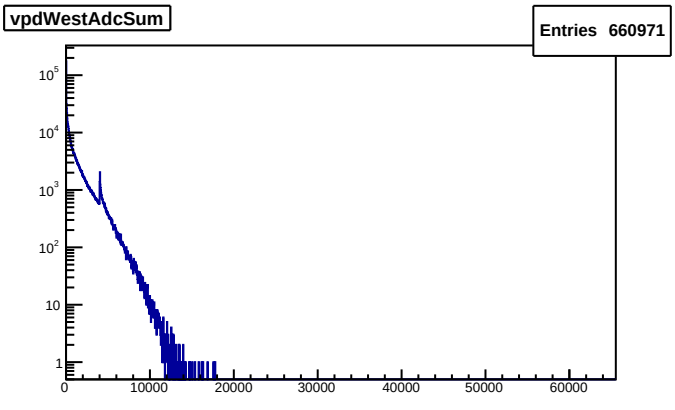
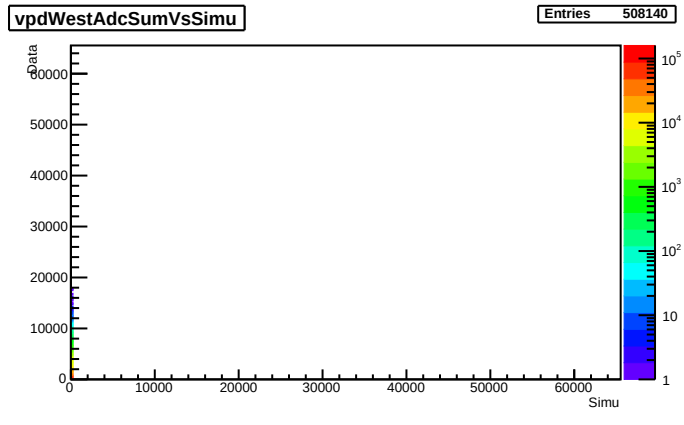
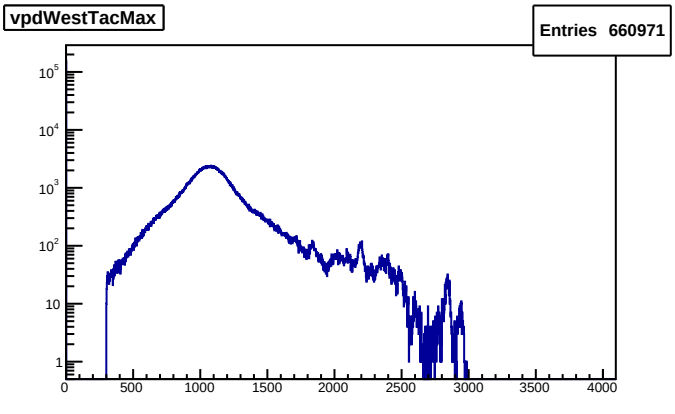
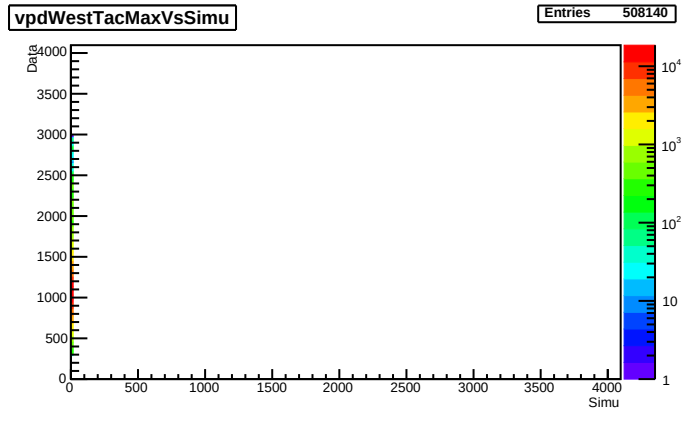
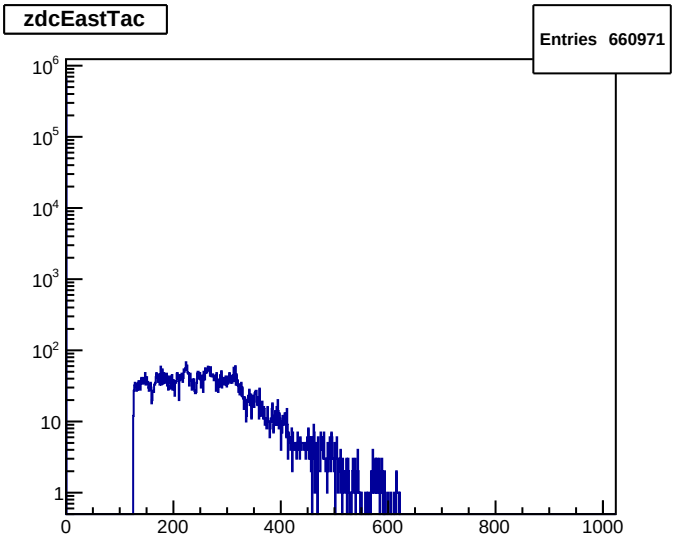
Entries 336297
Data
Simu

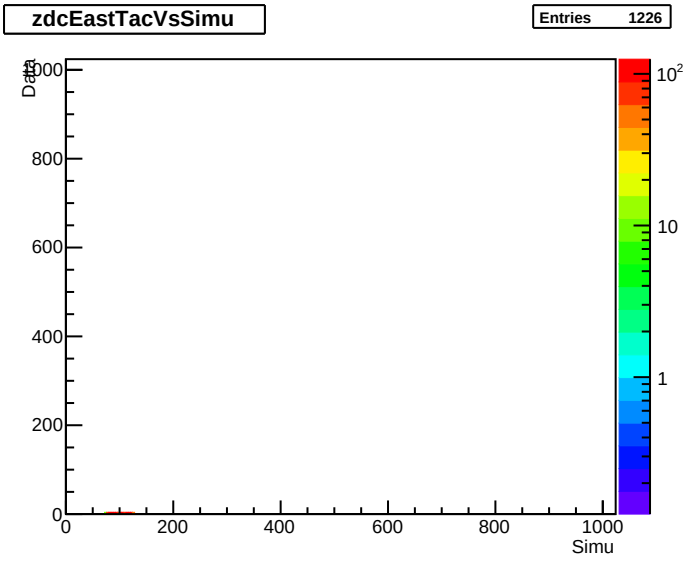

vpdWestAdcSum
Entries 660971

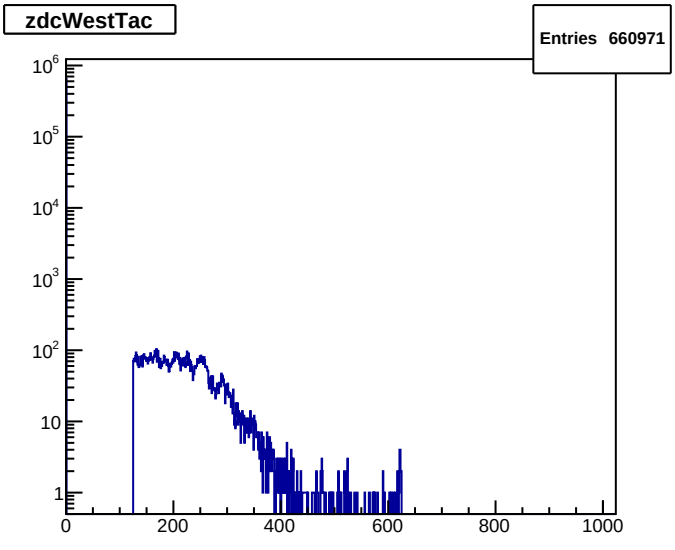

vpdWestAdcSumVsSimu
Entries 508140
Data
Simu

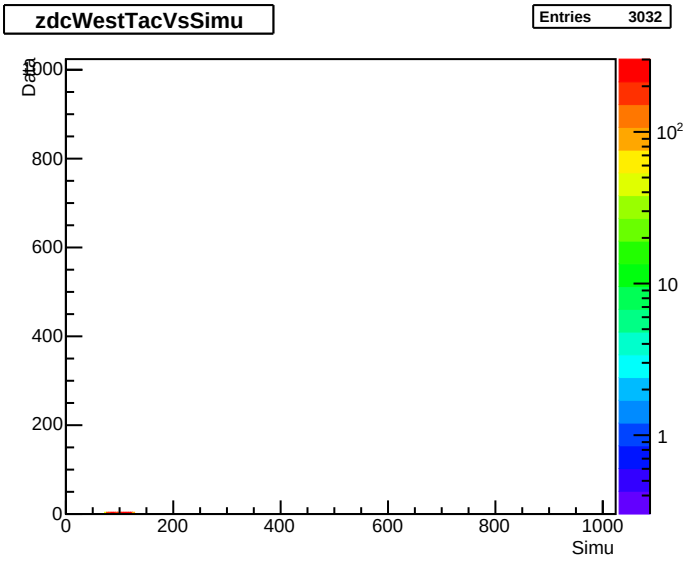

vpdWestTacMax
Entries 660971

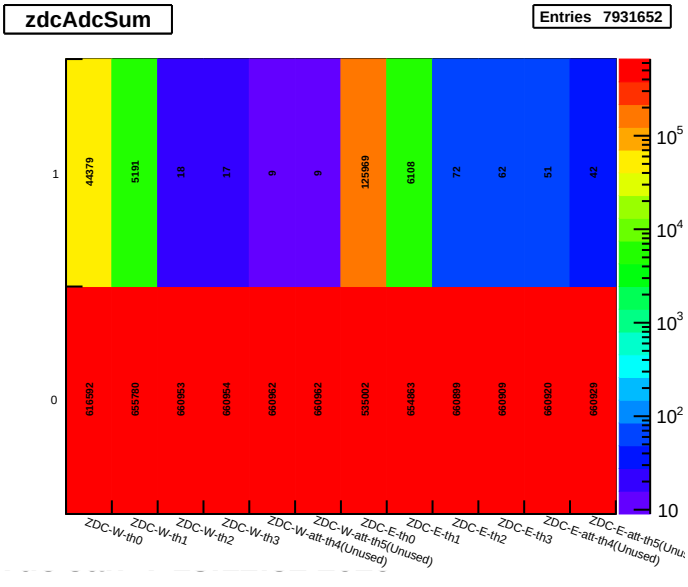

vpdWestTacMaxVsSimu
Entries 508140
Data
Simu

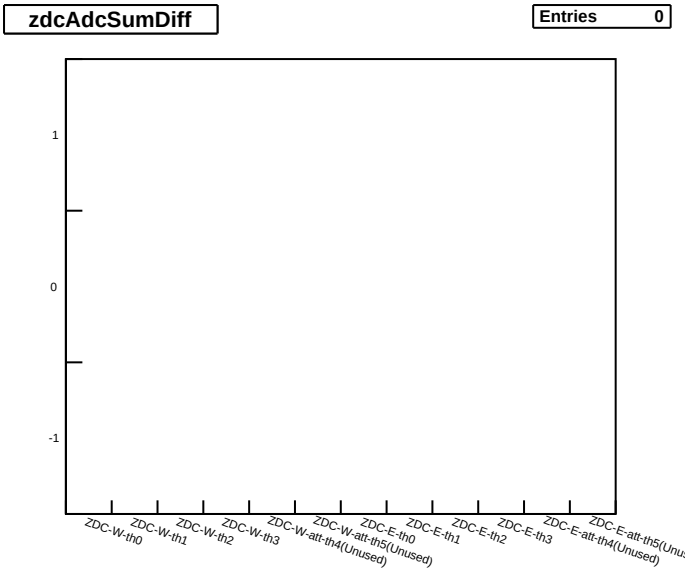

zdcEastTac
Entries 660971

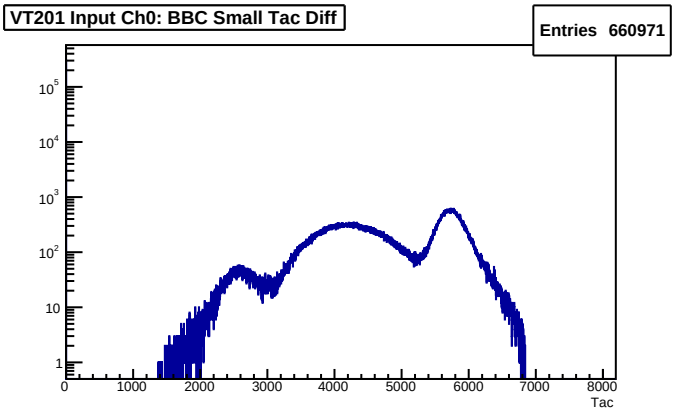

zdcEastTacVsSimu
Entries 1226
Data
Simu

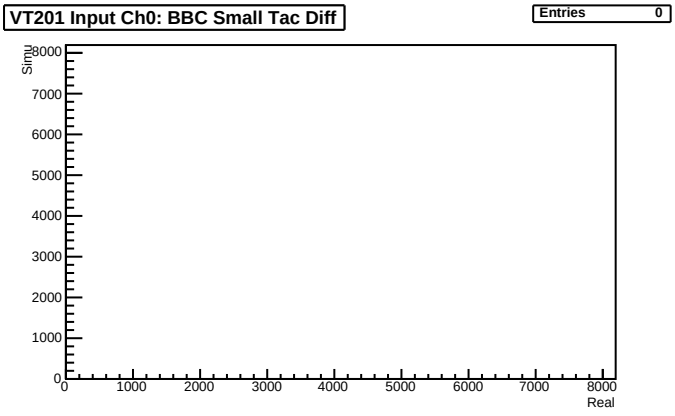

zdcWestTac
Entries 660971

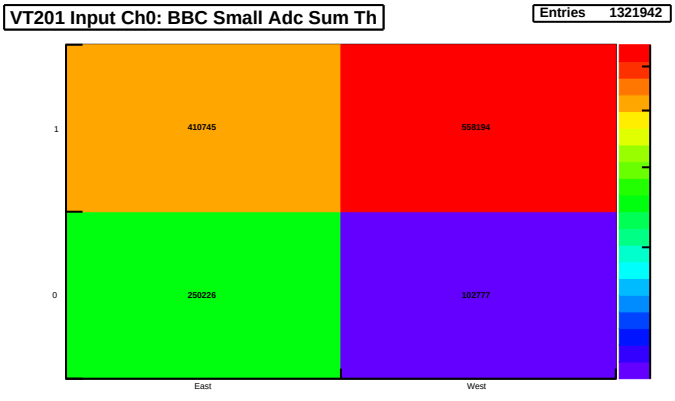

zdcWestTacVsSimu
Entries 3032
Data
Simu

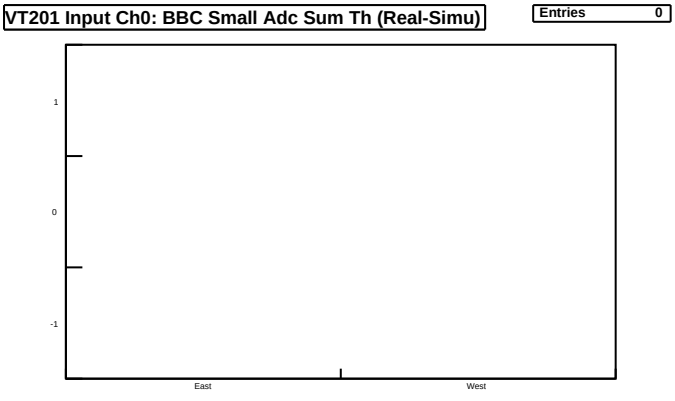

zdcAdcSum
Entries 7931652
44379
5191
18
17
9
9
125969
6108
72
62
51
42
616592
655780
660953
660954
660962
660962
535002
654683
660899
660909
660920
660929
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

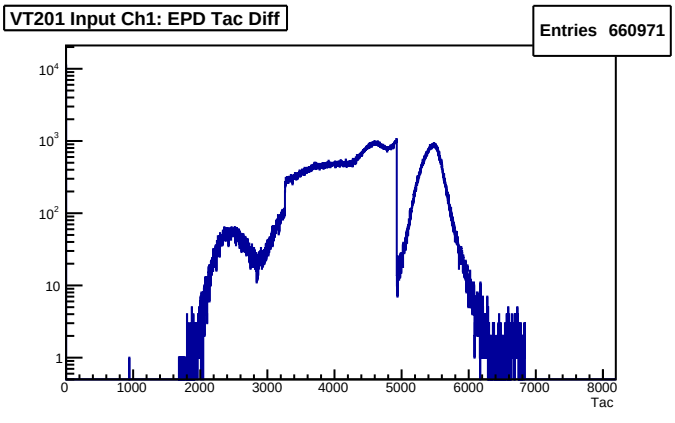

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

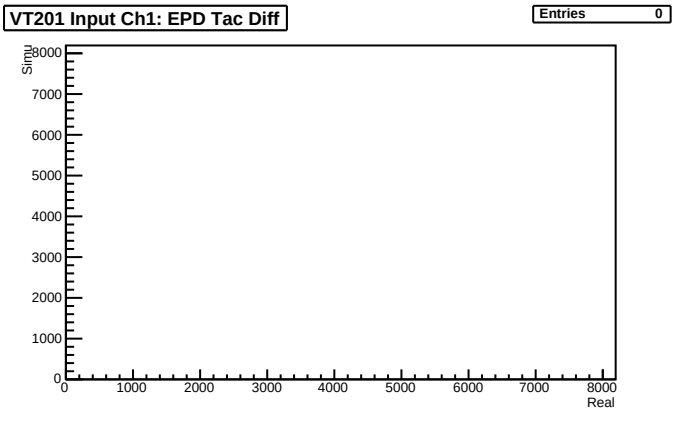

VT201 Input Ch0: BBC Small Tac Diff
Entries 660971
Tac

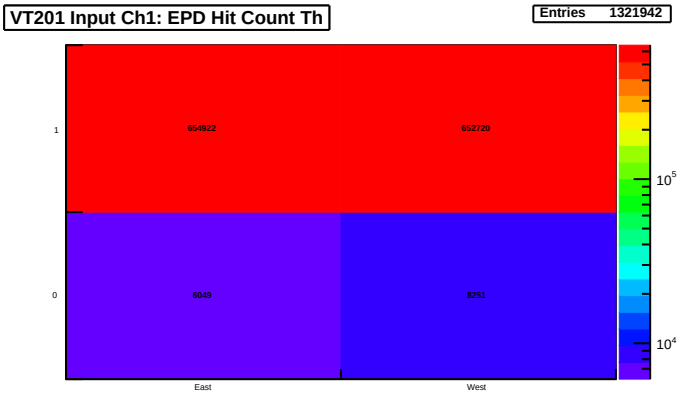

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

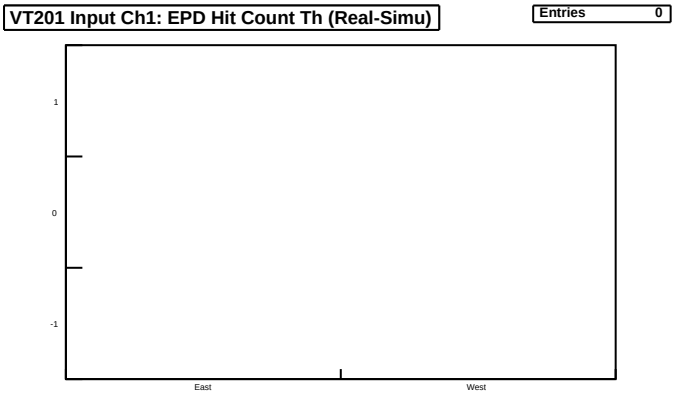

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1321942
410745
558194
250226
102777
East
West

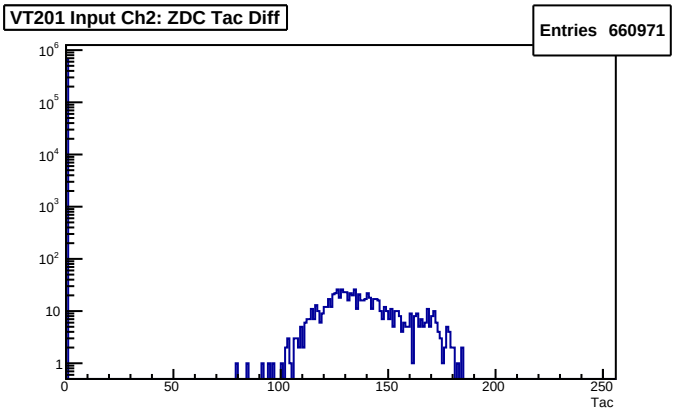

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

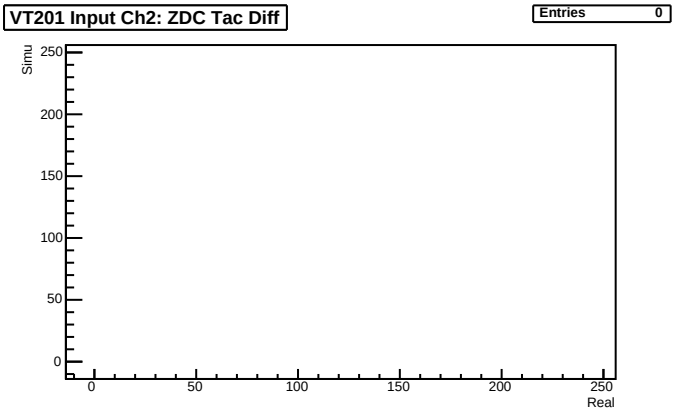

VT201 Input Ch1: EPD Tac Diff
Entries 660971
Tac

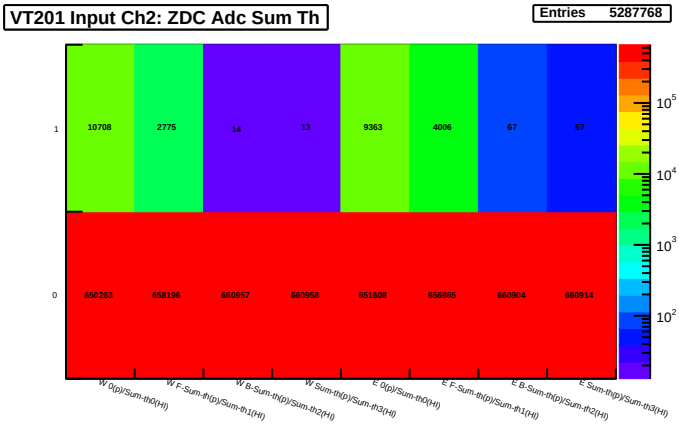

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

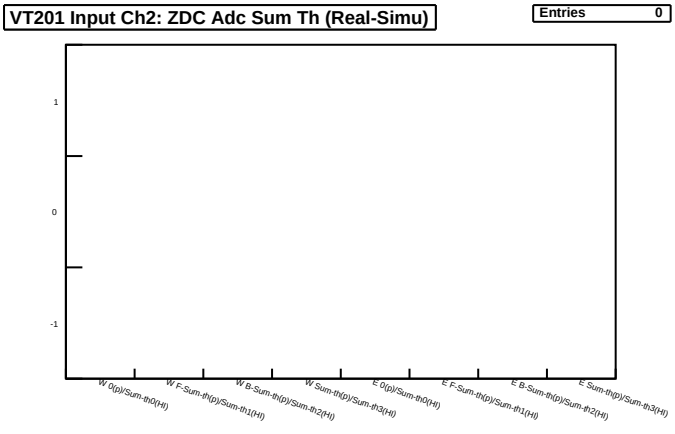

VT201 Input Ch1: EPD Hit Count Th
Entries 1321942
654922
652720
6049
8251
East
West

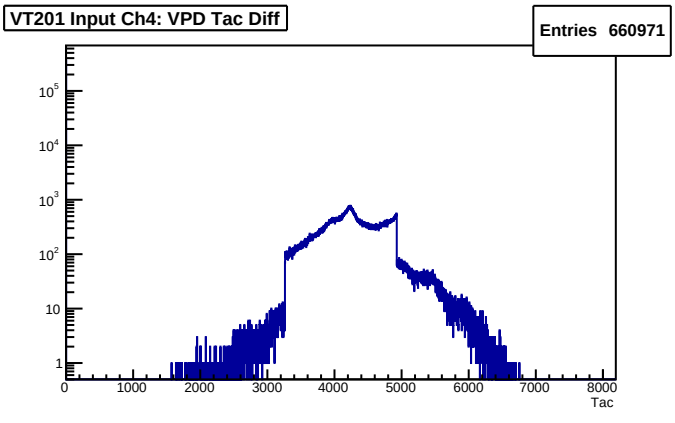

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

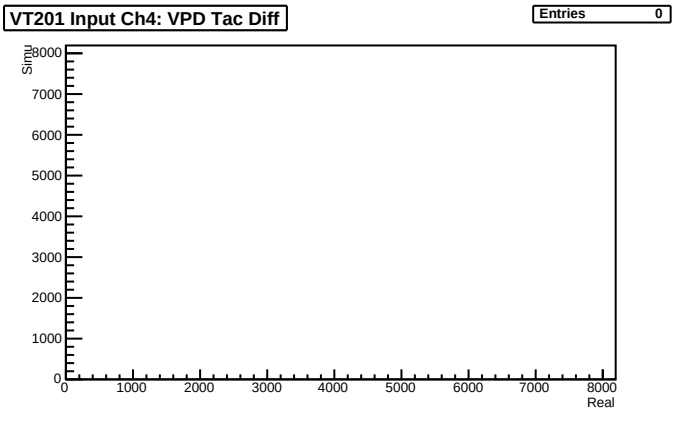

VT201 Input Ch2: ZDC Tac Diff
Entries 660971
Tac

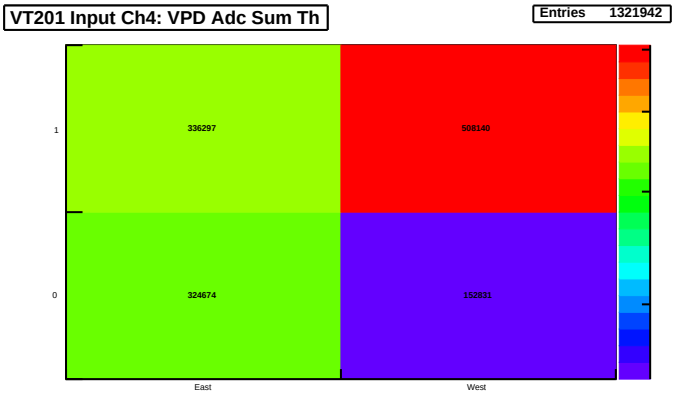

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

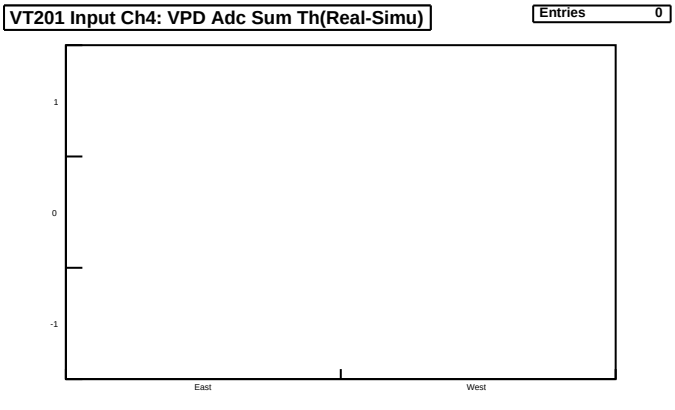

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5287768
10708
2775
14
13
9363
4006
67
57
650263
658196
660957
660958
651608
656965
660904
660914
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

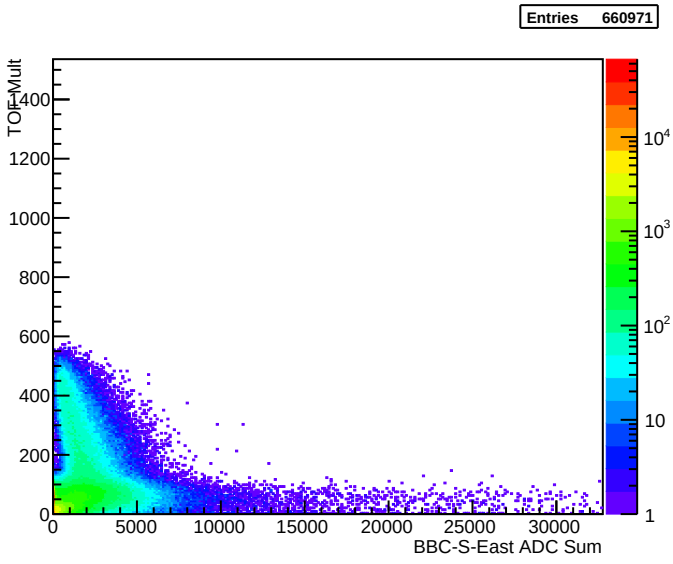

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

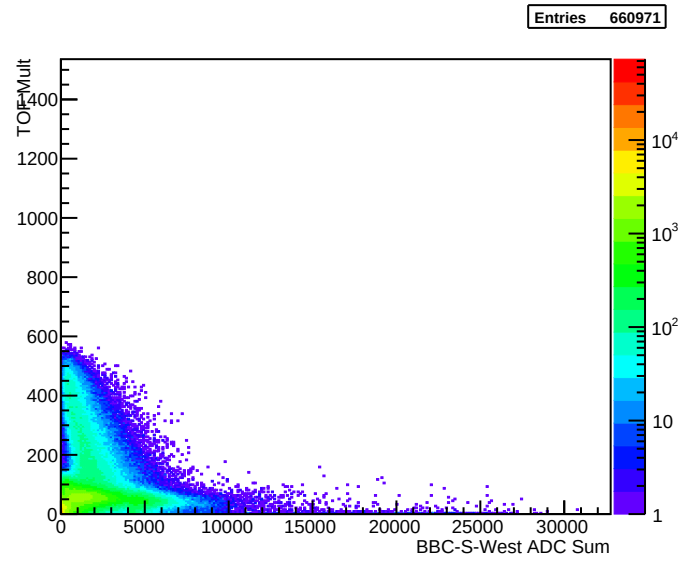

VT201 Input Ch4: VPD Tac Diff
Entries 660971
Tac

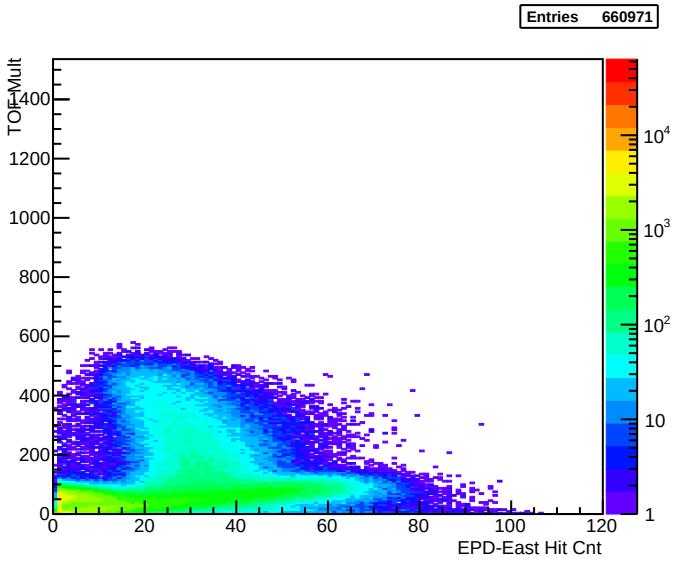

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

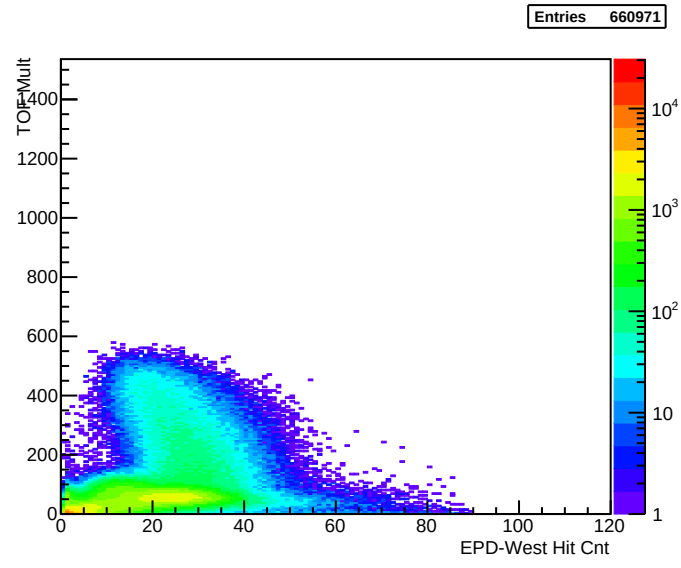

VT201 Input Ch4: VPD Adc Sum Th
Entries 1321942
336297
508140
324674
152831
East
West

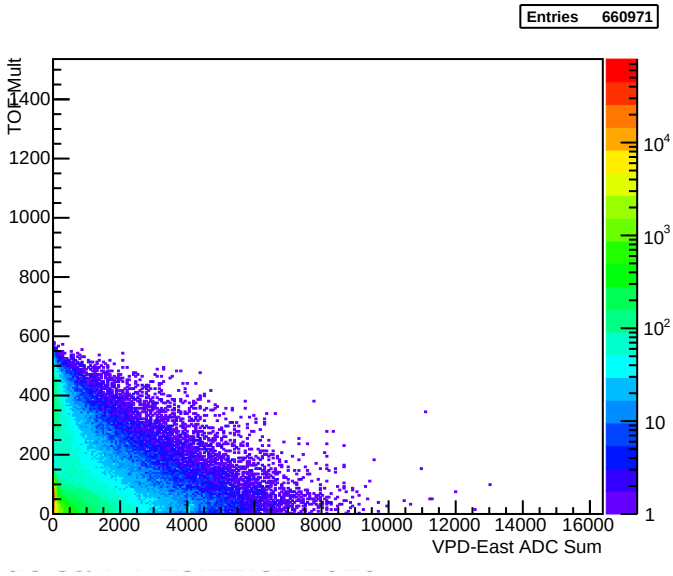

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

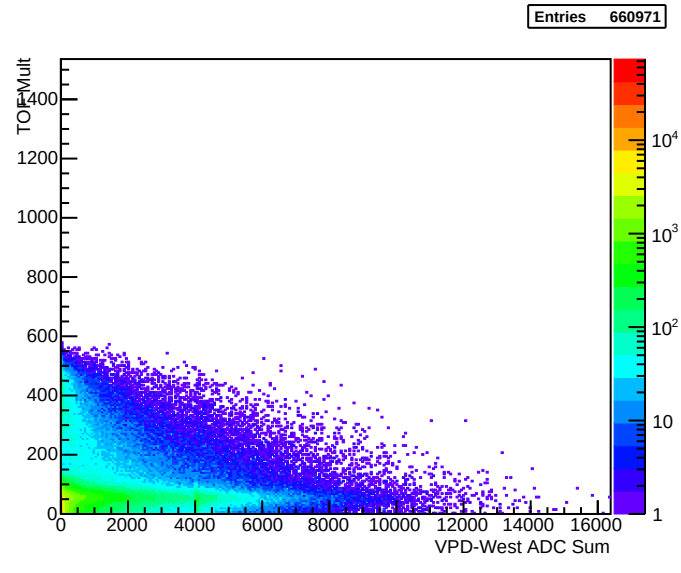

Entries 660971
TOF-Mult
BBC-S-East ADC Sum

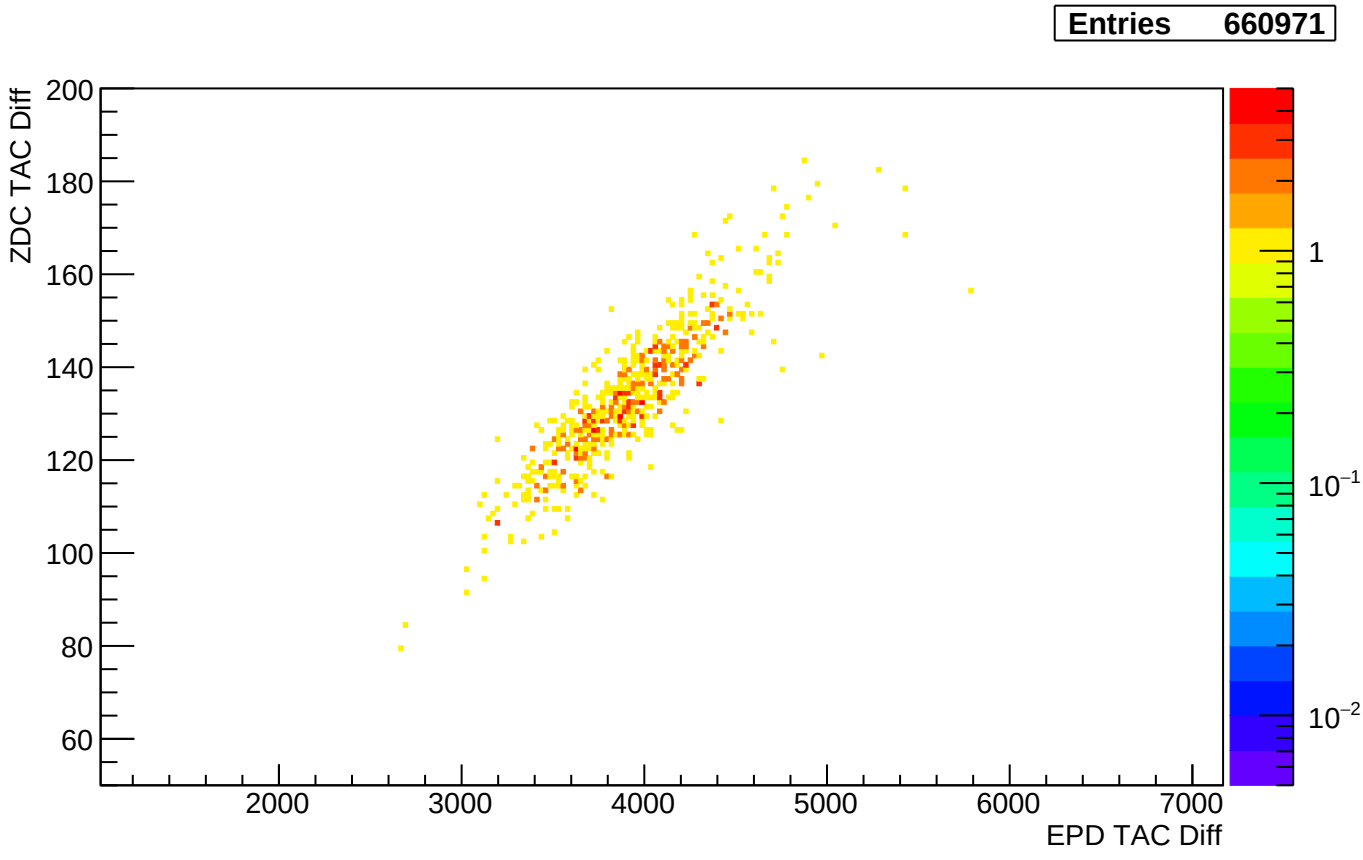

Entries 660971
TOF-Mult
BBC-S-West ADC Sum

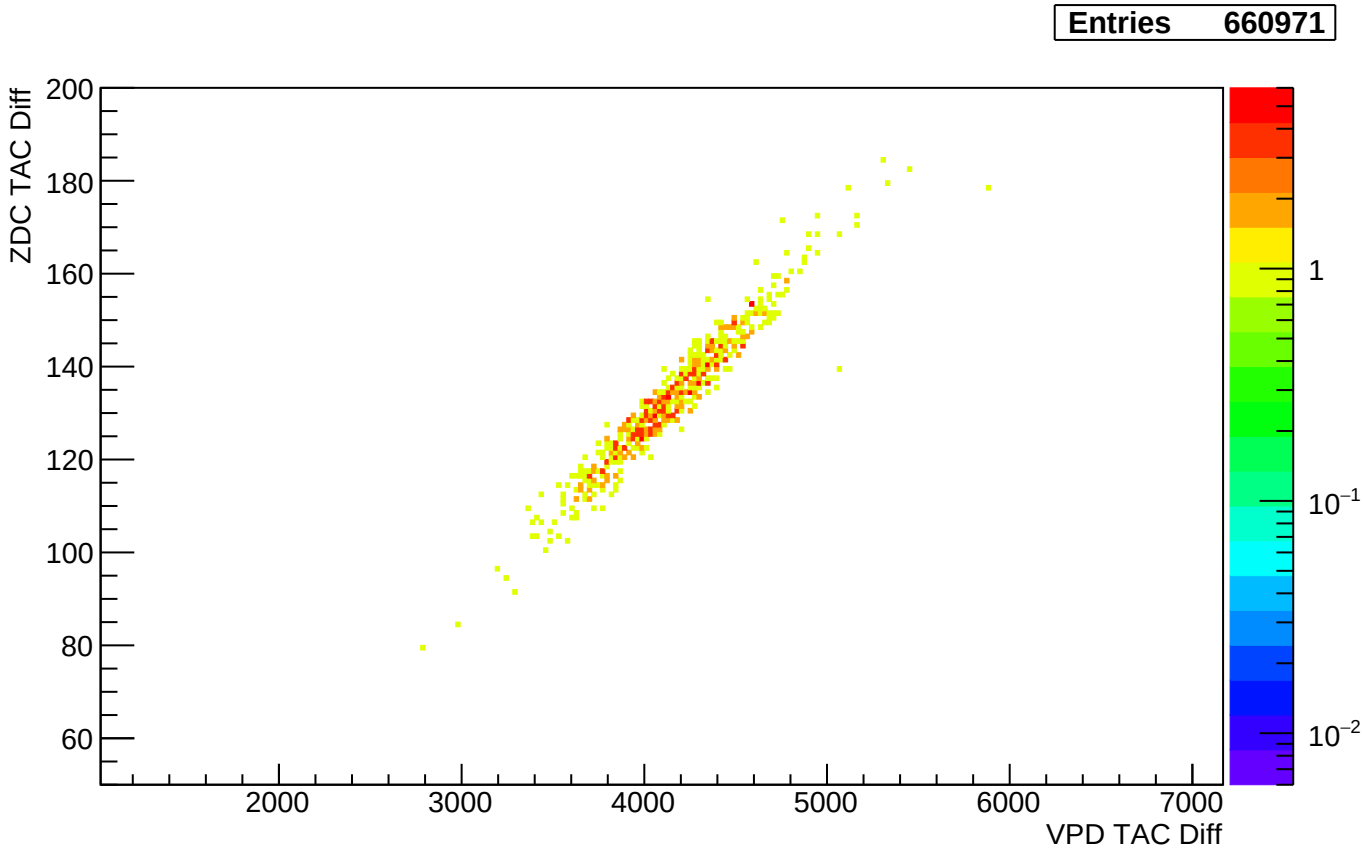

Entries 660971
TOF-Mult
EPD-East Hit Cnt

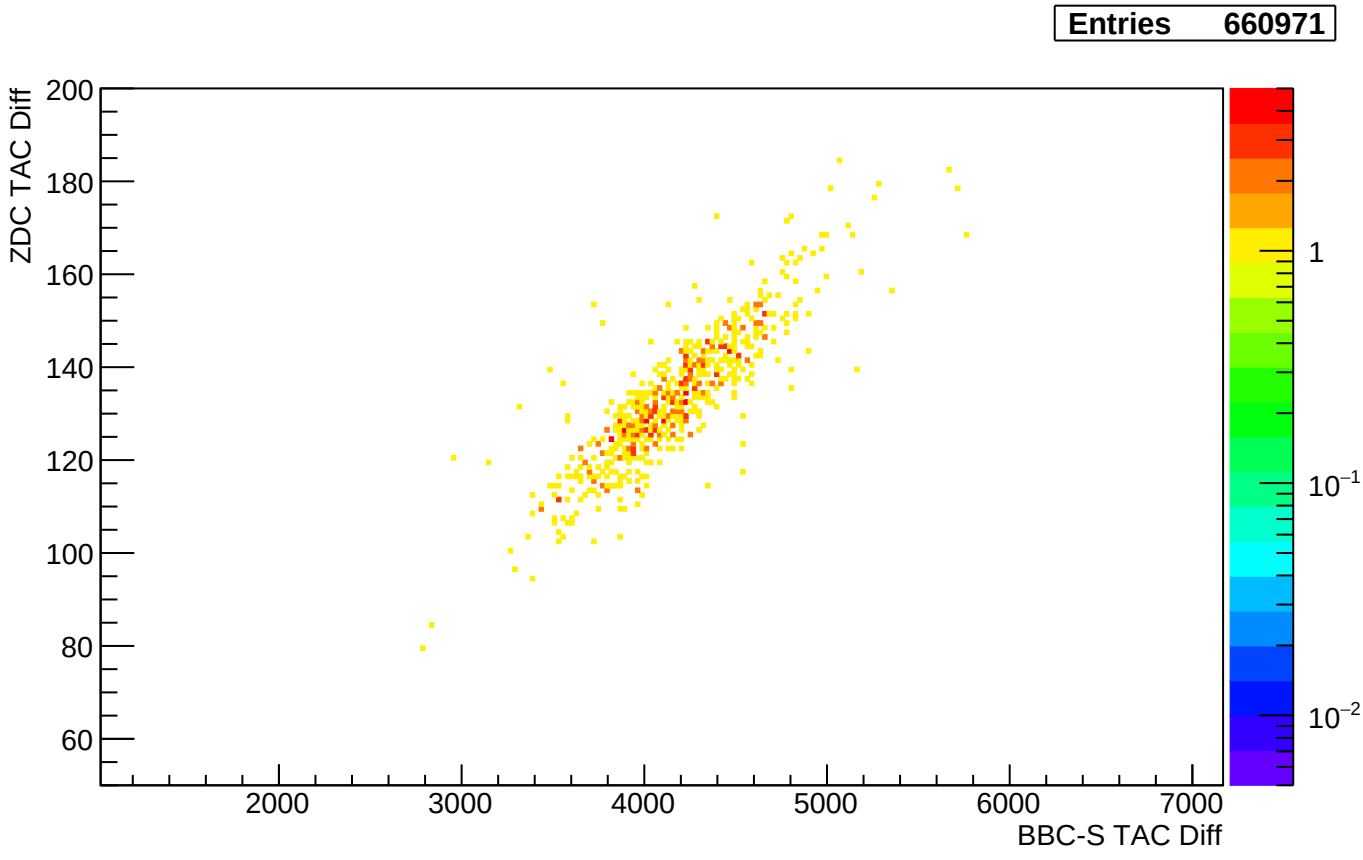

Entries 660971
TOF-Mult
EPD-West Hit Cnt

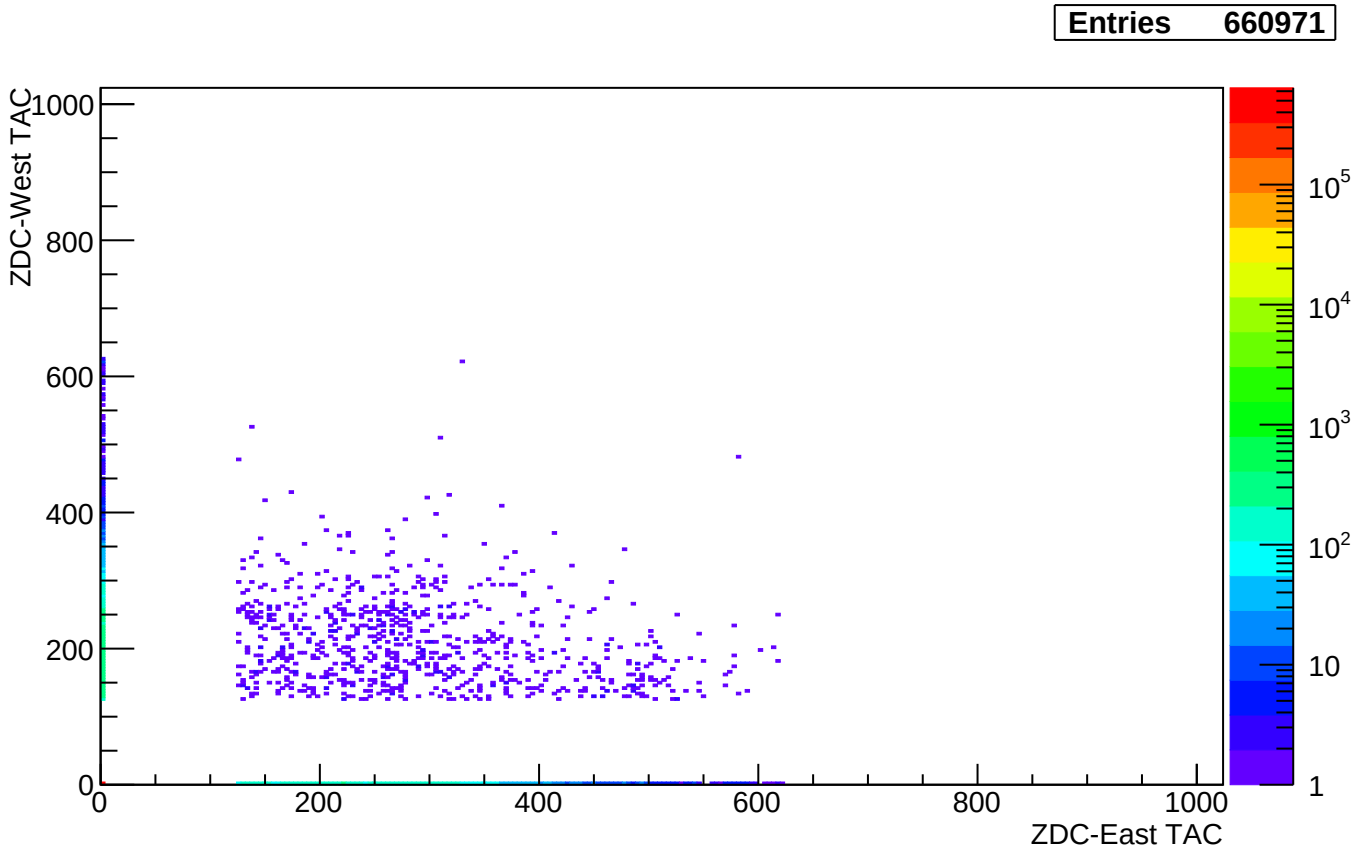

Entries 660971
TOF-Mult
VPD-East ADC Sum

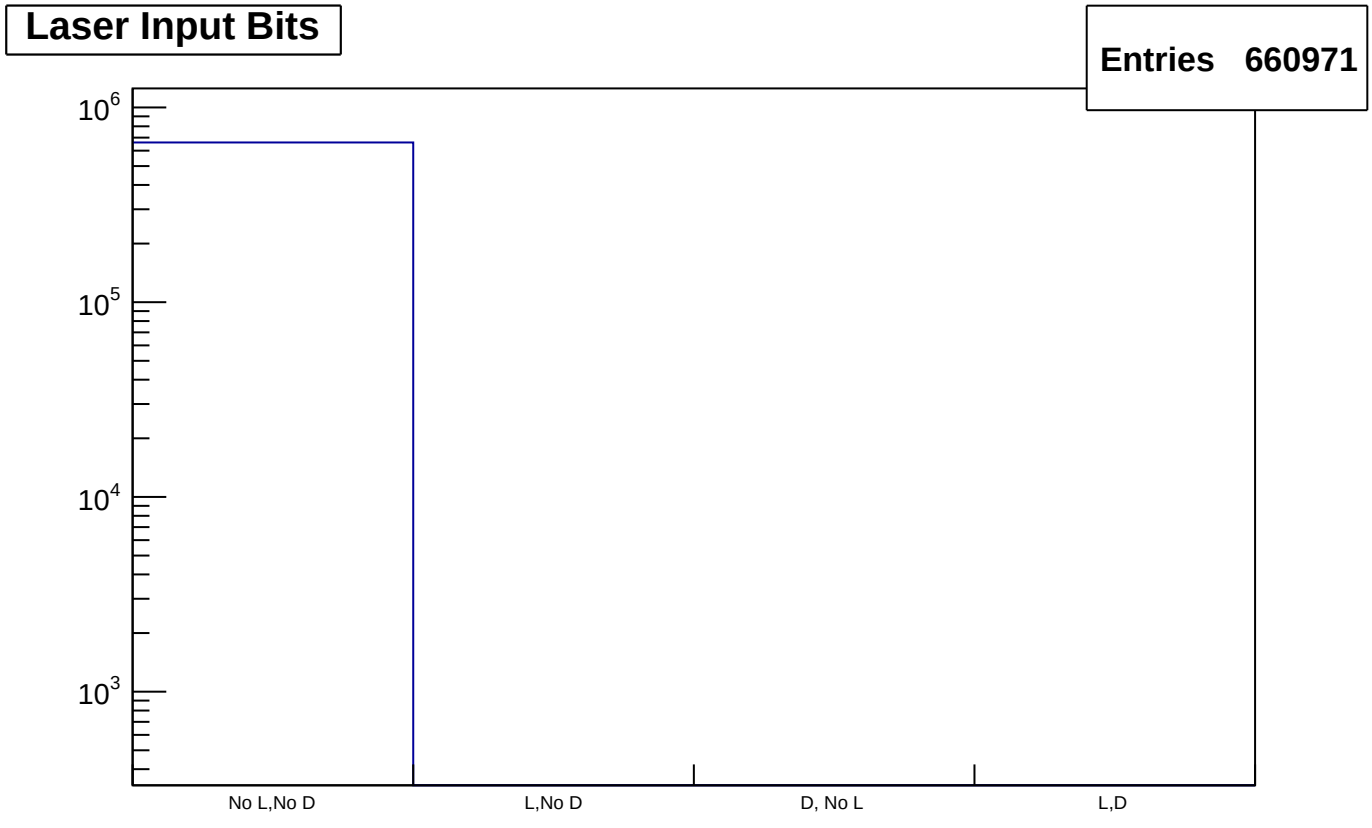

Entries 660971
TOF-Mult
VPD-West ADC Sum

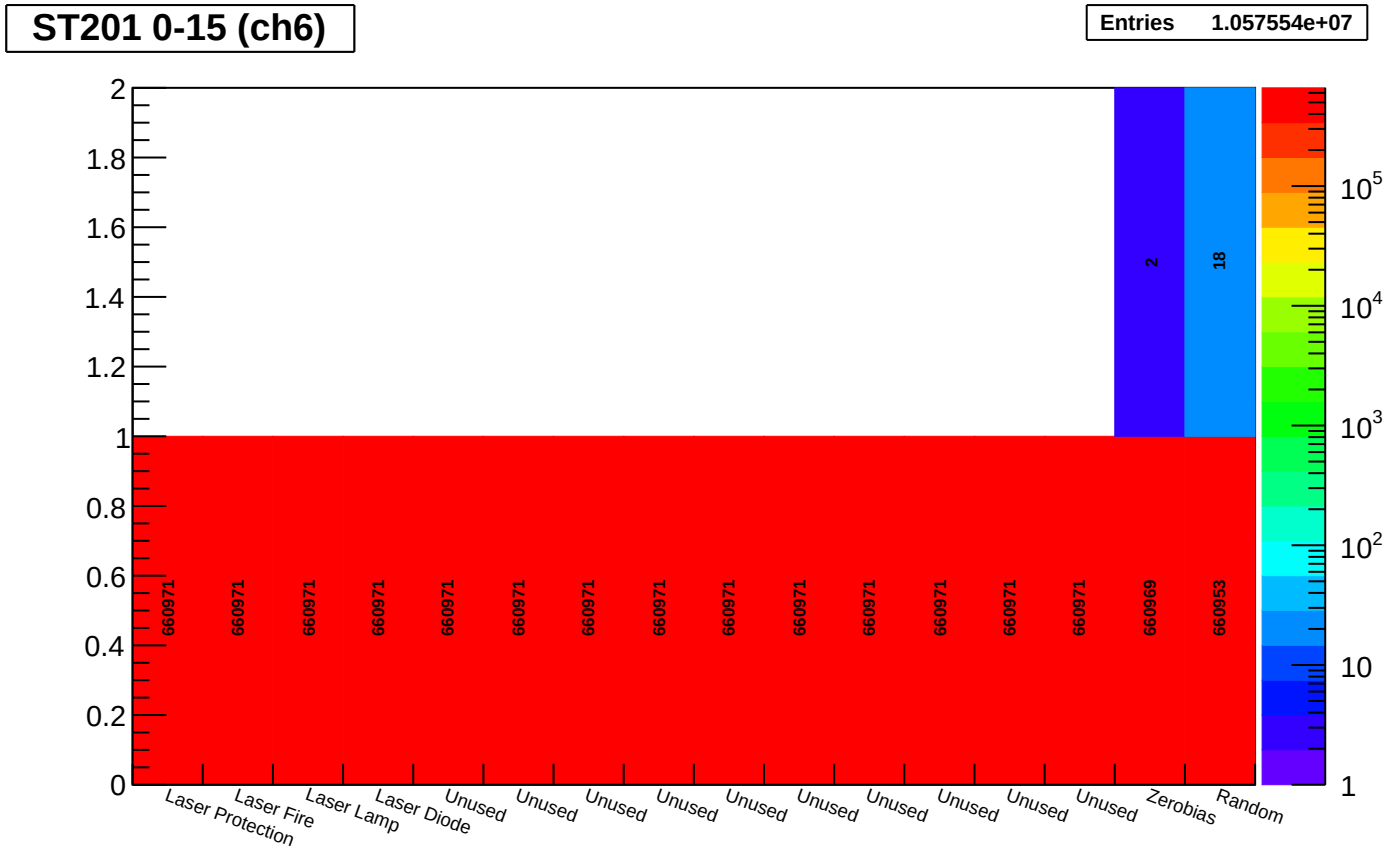

Entries 660971
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

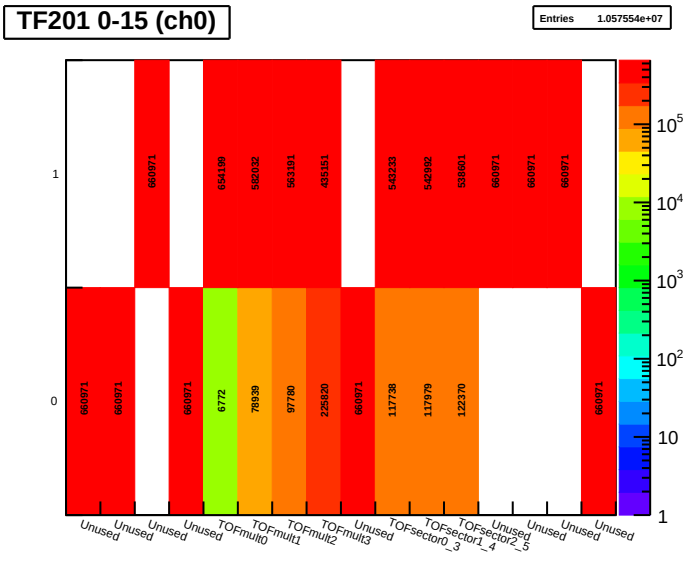

Entries 660971
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

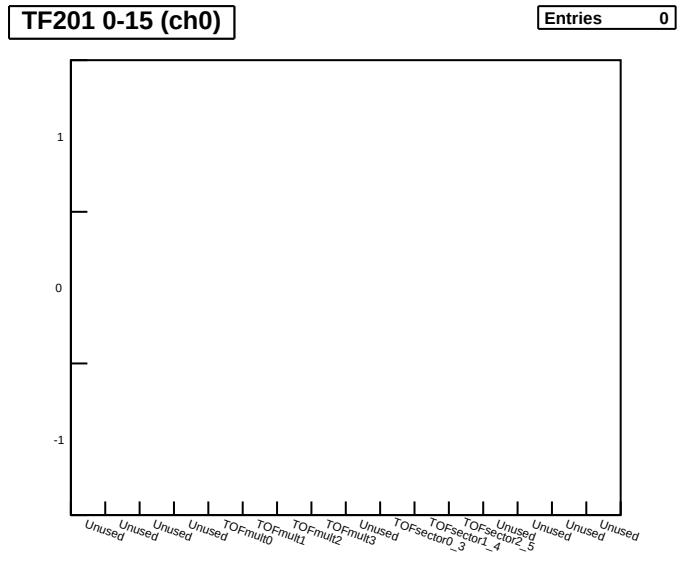

Entries 660971
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

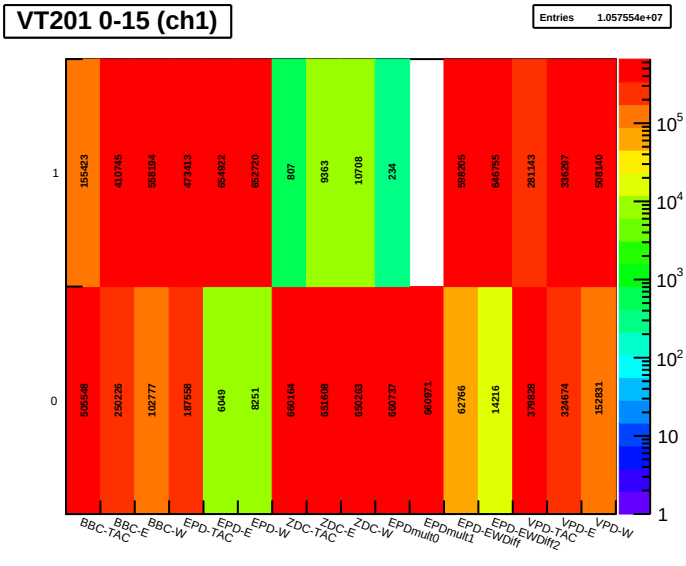

Entries 660971
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

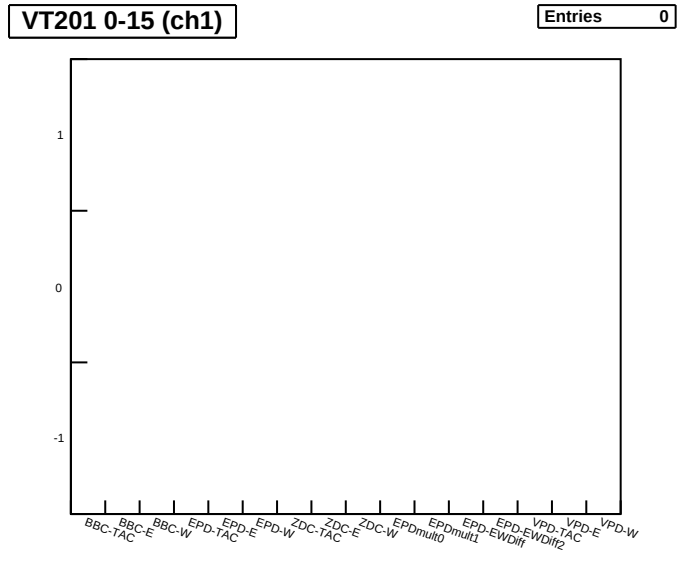

Laser Input Bits
Entries 660971
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

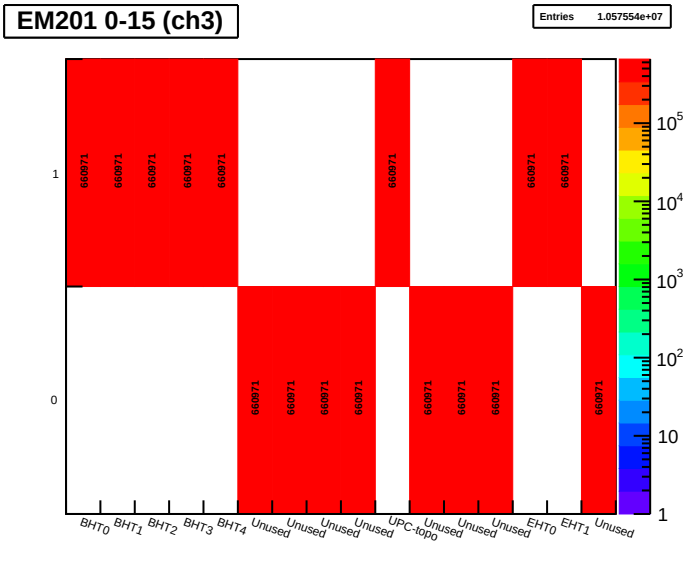

ST201 0-15 (ch6)
Entries 1.057554e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
660971
660971
660971
660971
660971
660971
660971
660971
660971
660971
660971
660971
660971
660971
660969
660953
2
18
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

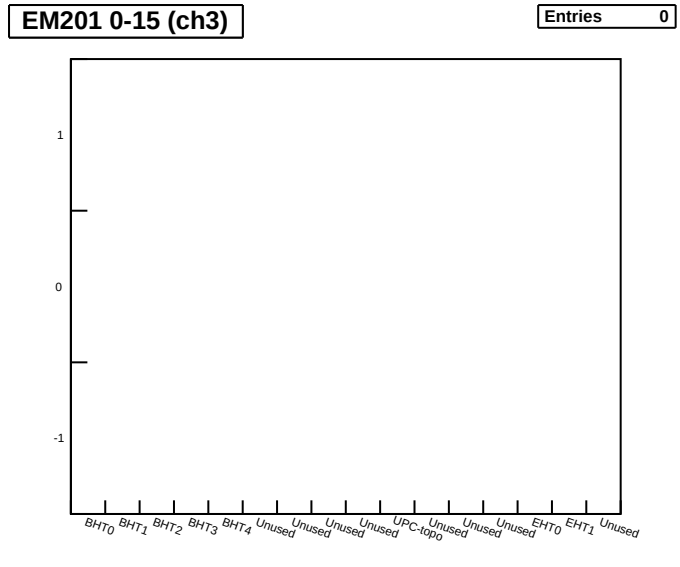

TF201 0-15 (ch0)
Entries 1.057554e+07
660971 654199 582032 563191 435151 543233 542932 538601 660971 660971 660971
660971 660971 660971 6772 78939 97780 225820 660971 117738 117979 122370 660971
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused


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


VT201 0-15 (ch1)
Entries 1.057554e+07
155423 410745 558194 473413 654922 652720 807 9363 10708 234 598205 646755 281143 336297 508140
506548 250226 102777 187558 6049 8251 660164 651608 650263 660737 660971 62766 14216 379828 324674 152831
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W


VT201 0-15 (ch1)
Entries 0
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 1.057554e+07
660971 660971 660971 660971 660971 660971 660971
660971 660971 660971 660971 660971 660971 660971 660971
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused


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