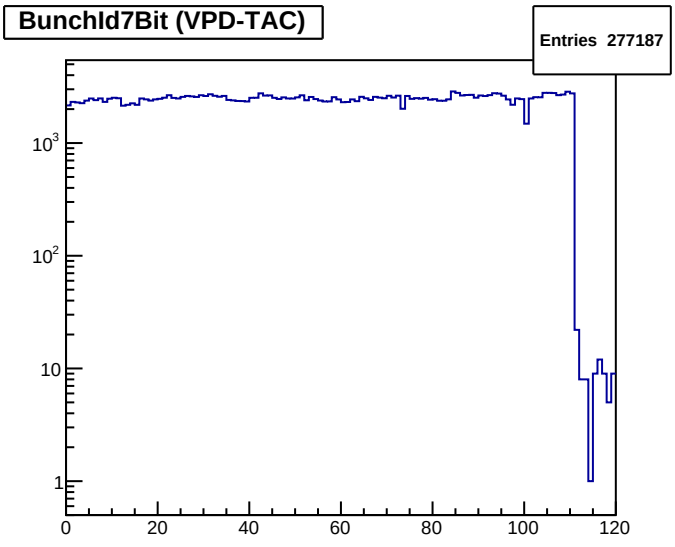
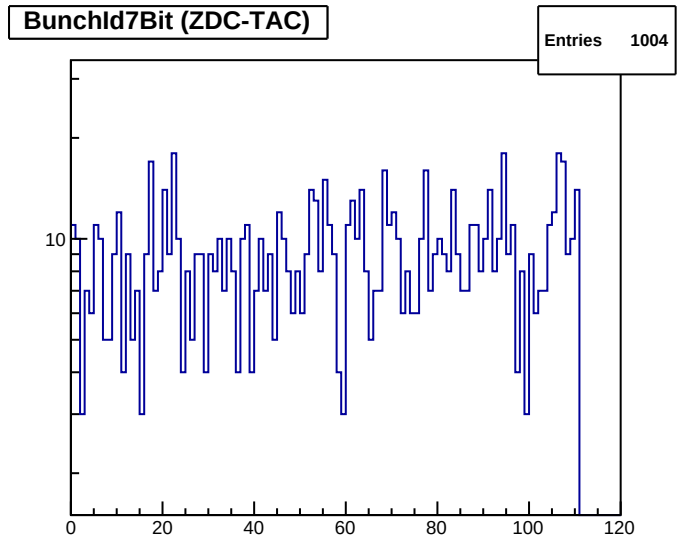
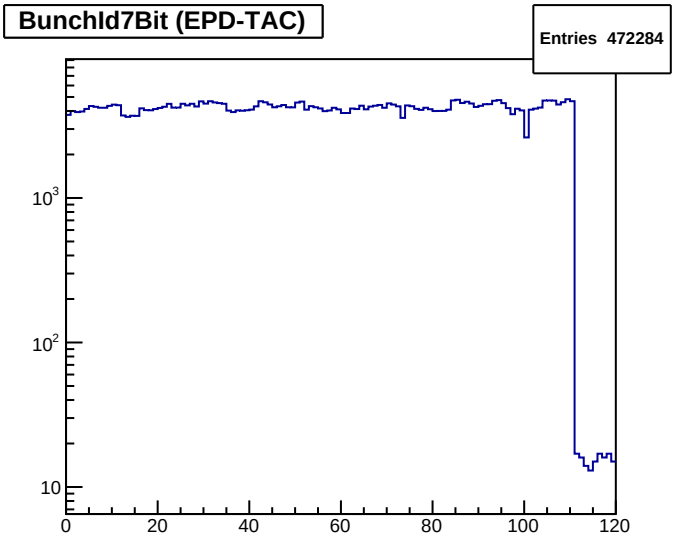
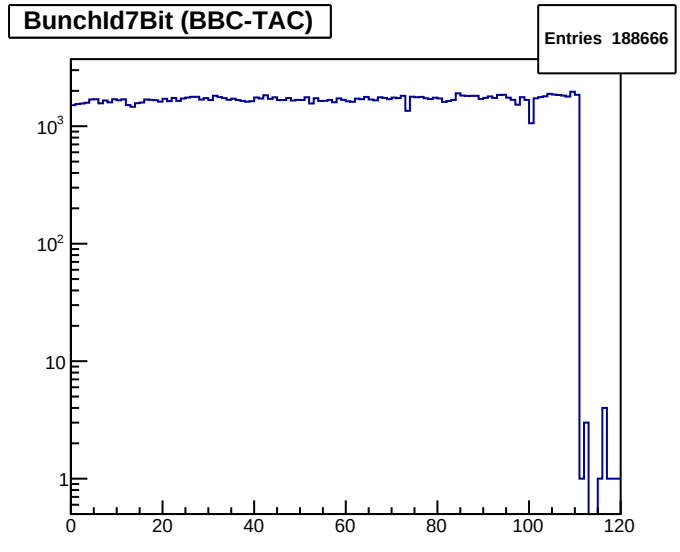
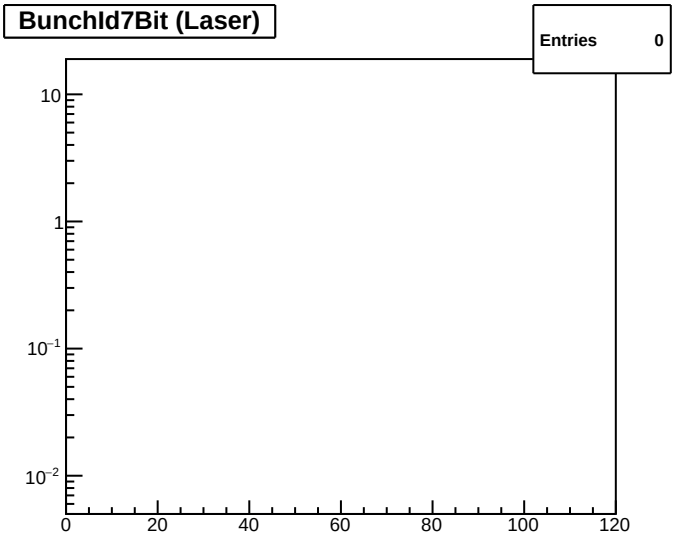
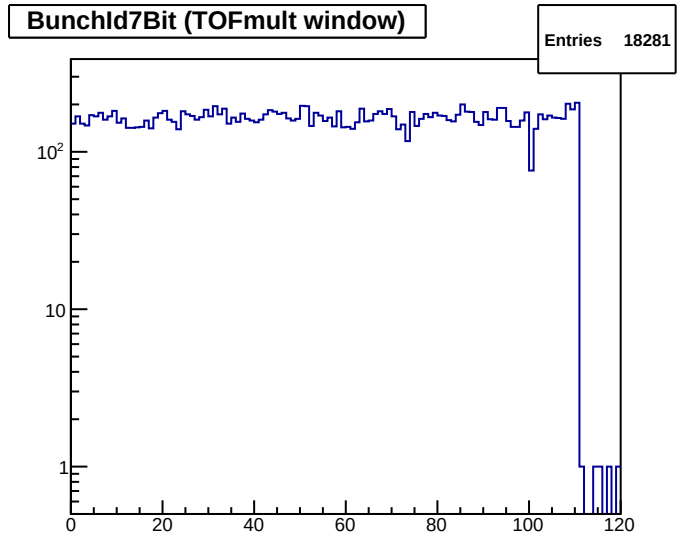

BunchId7Bit (VPD-TAC)
Entries 277187

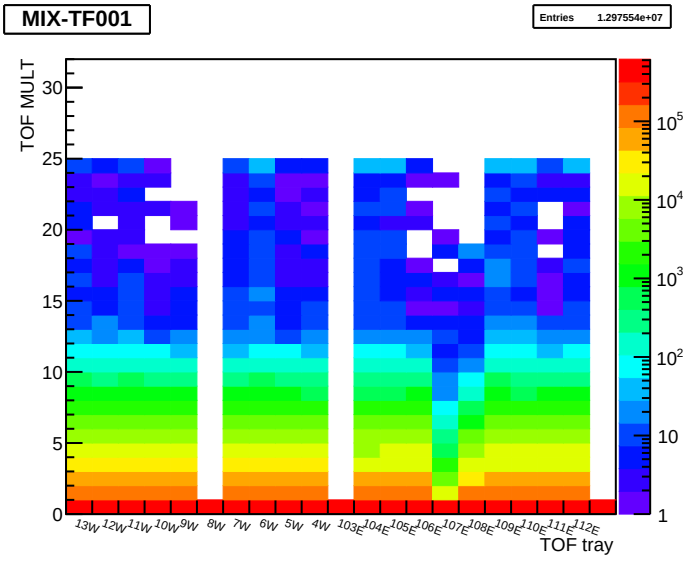

BunchId7Bit (ZDC-TAC)
Entries 1004

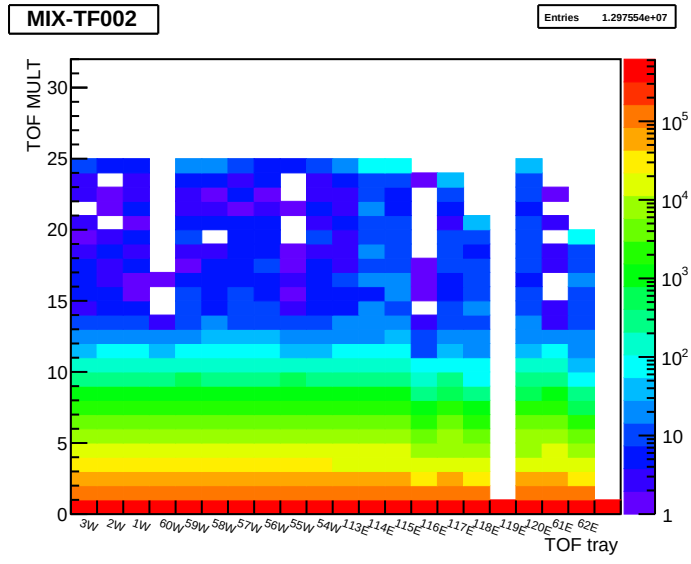

BunchId7Bit (EPD-TAC)
Entries 472284

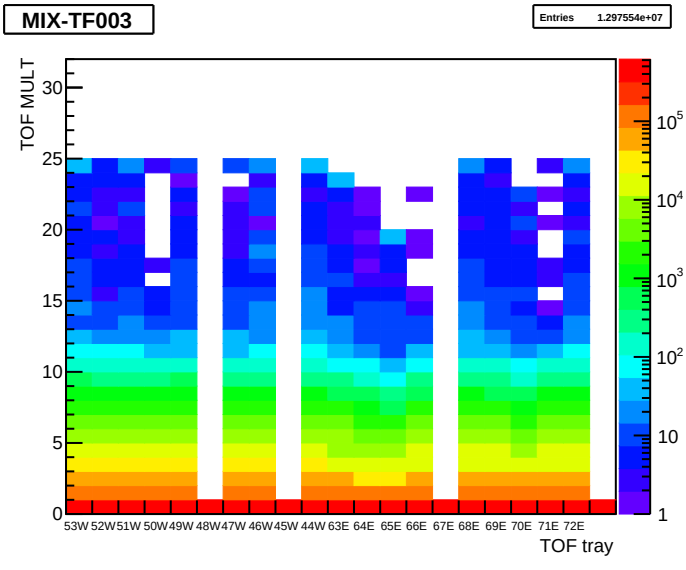

BunchId7Bit (BBC-TAC)
Entries 188666

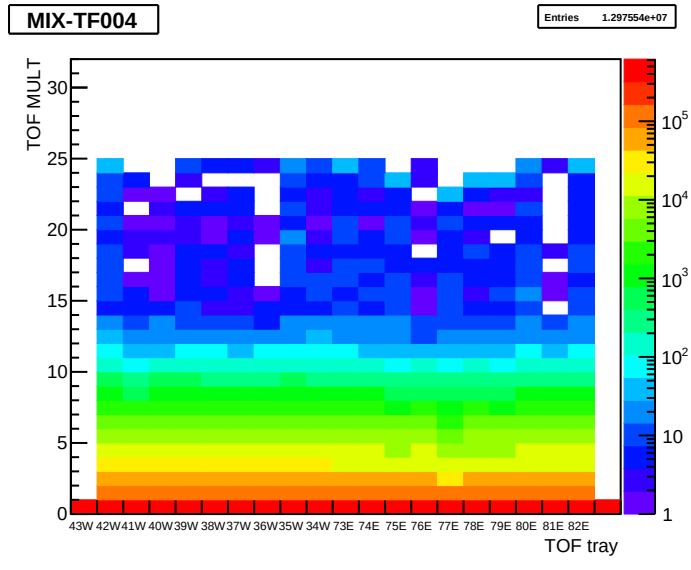

BunchId7Bit (Laser)
Entries 0

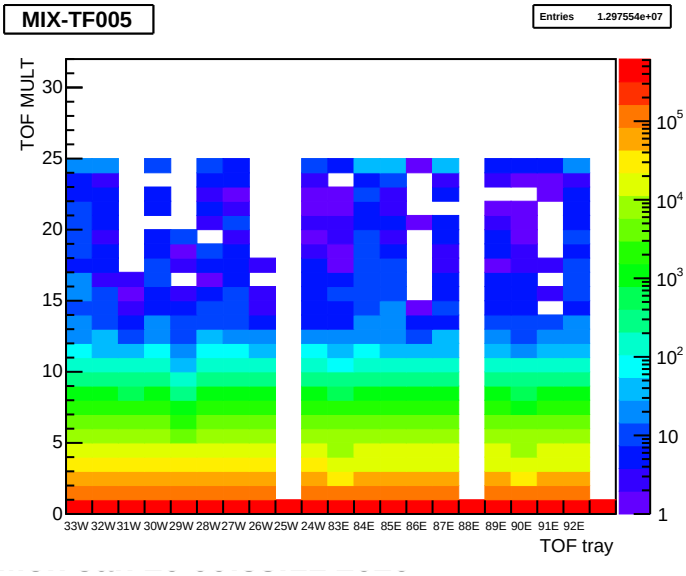

BunchId7Bit (TOFmult window)
Entries 18281

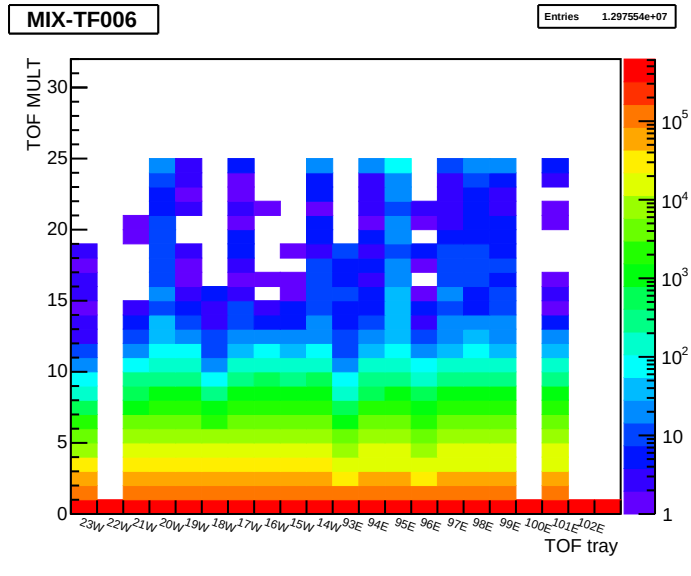

MIX-TF001
Entries 1.297554e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

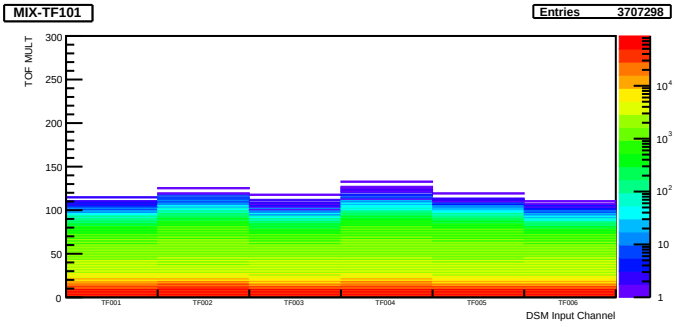

MIX-TF002
Entries 1.297554e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

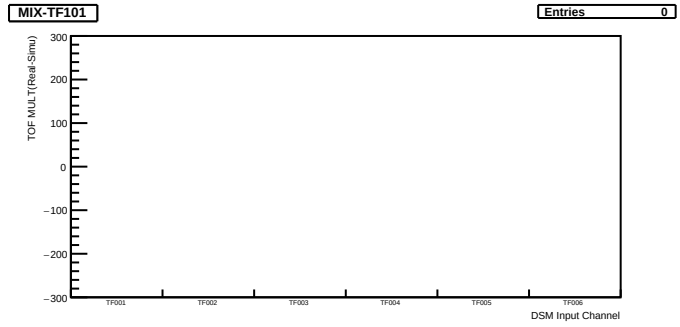

MIX-TF003
Entries 1.297554e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

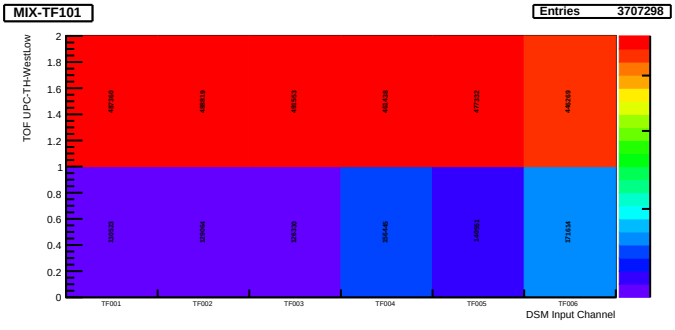

MIX-TF004
Entries 1.297554e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

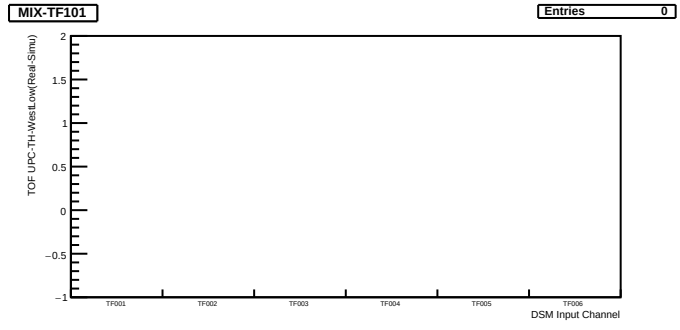

MIX-TF005
Entries 1.297554e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

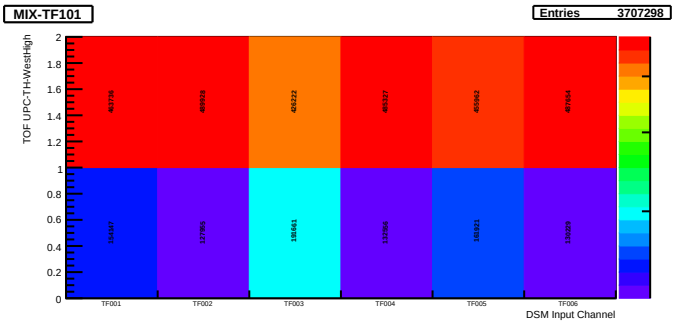

MIX-TF006
Entries 1.297554e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

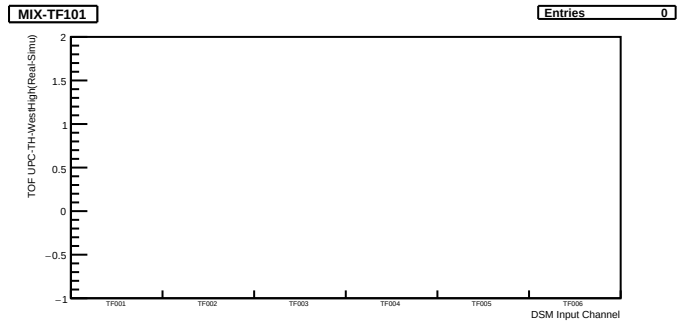

MIX-TF101
Entries 3707298
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

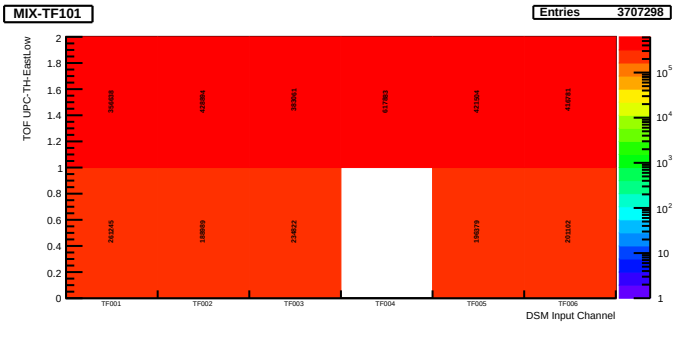

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

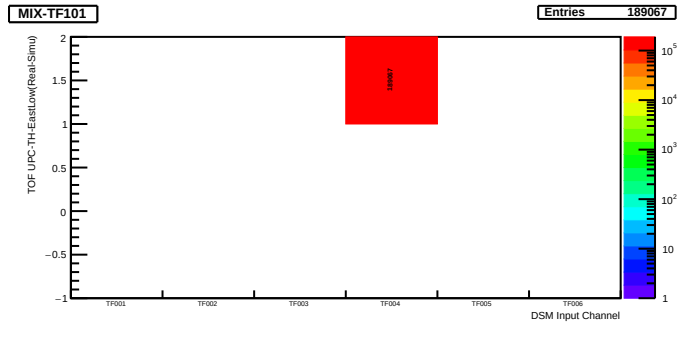

MIX-TF101
Entries 3707298
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

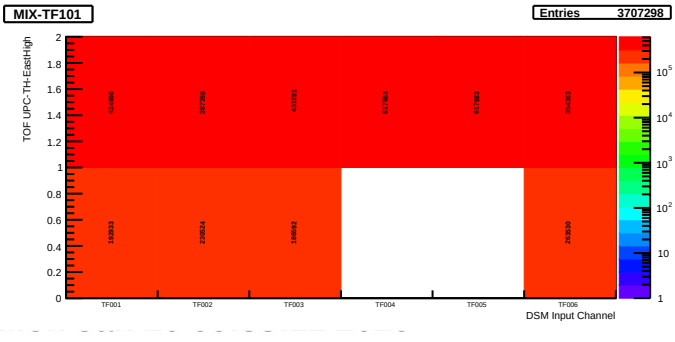

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

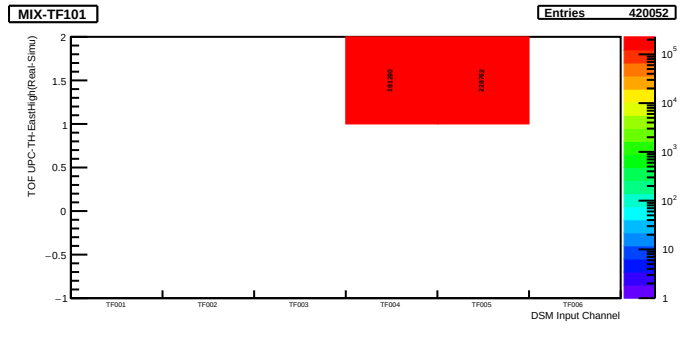

MIX-TF101
Entries 3707298
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

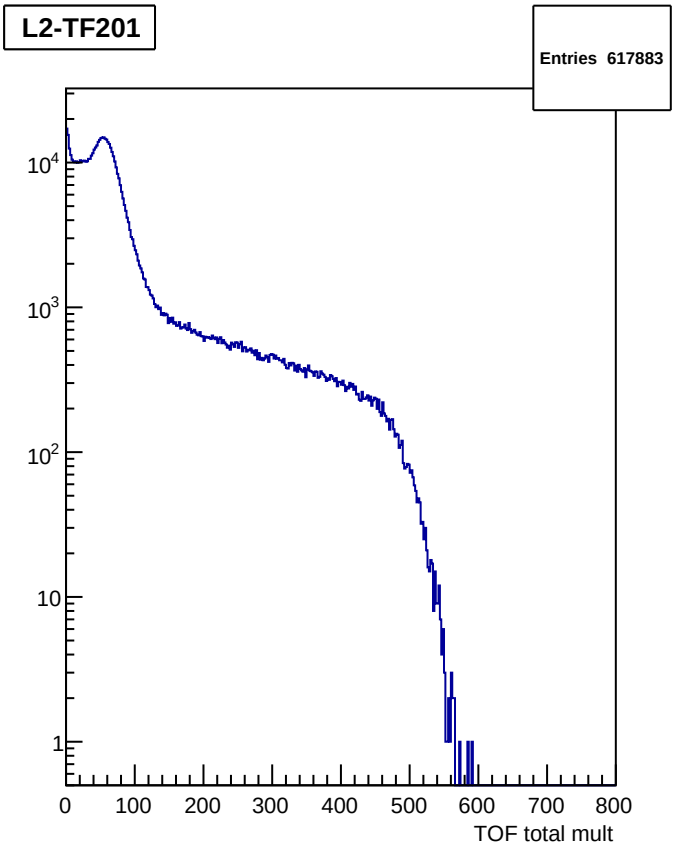

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

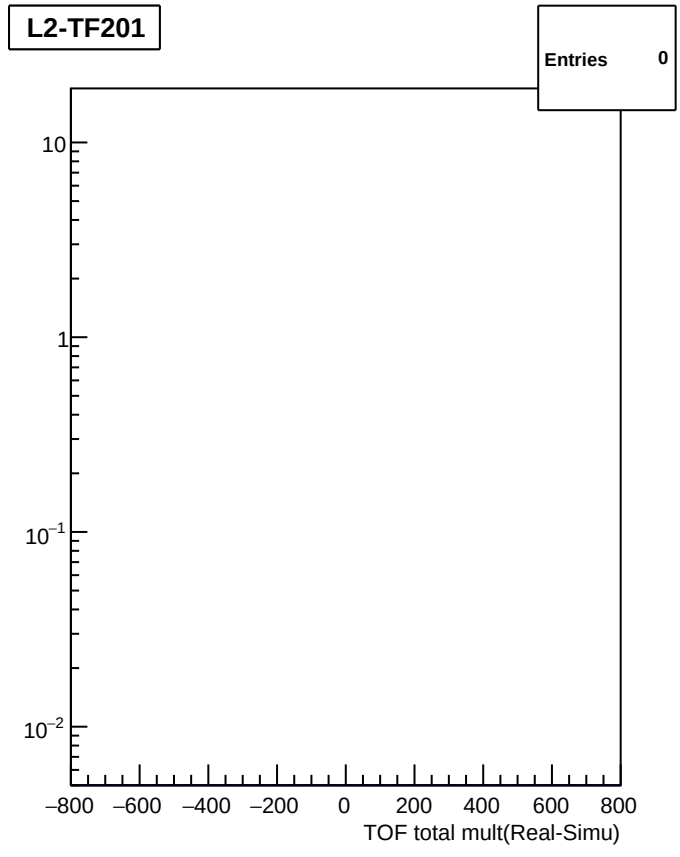

MIX-TF101
Entries 3707298
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

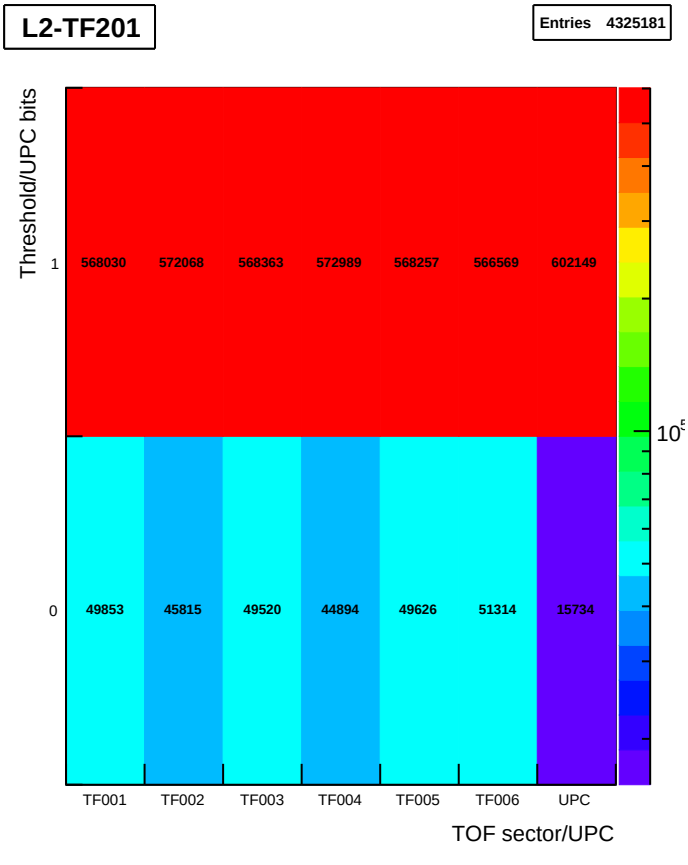

MIX-TF101
Entries 189067
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

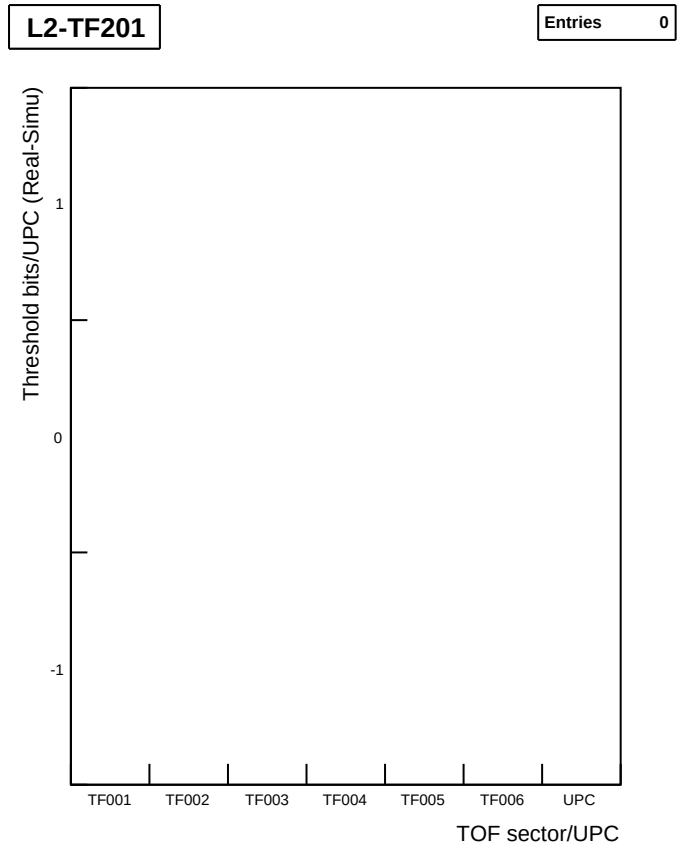

MIX-TF101
Entries 3707298
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

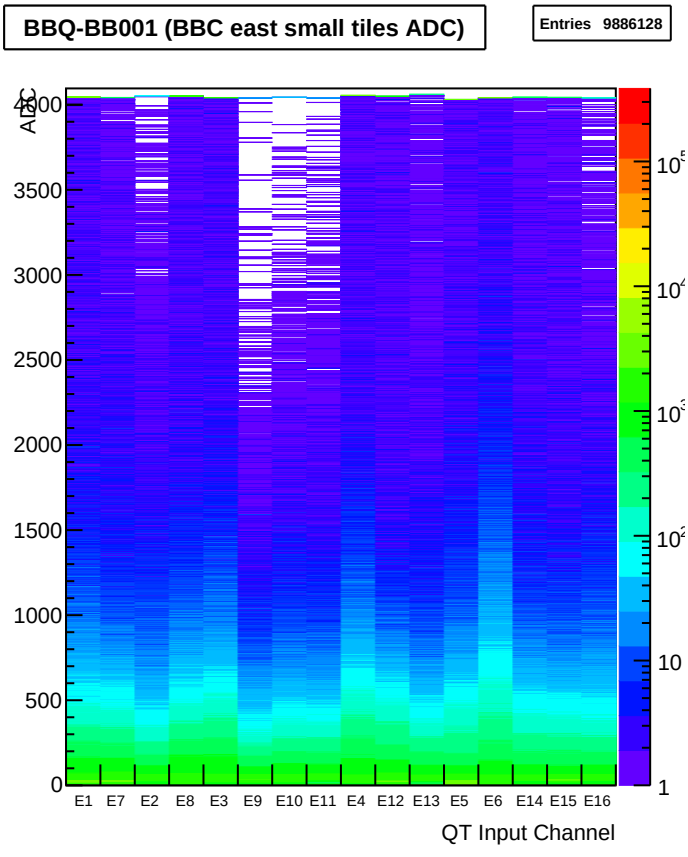

MIX-TF101
Entries 420052
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

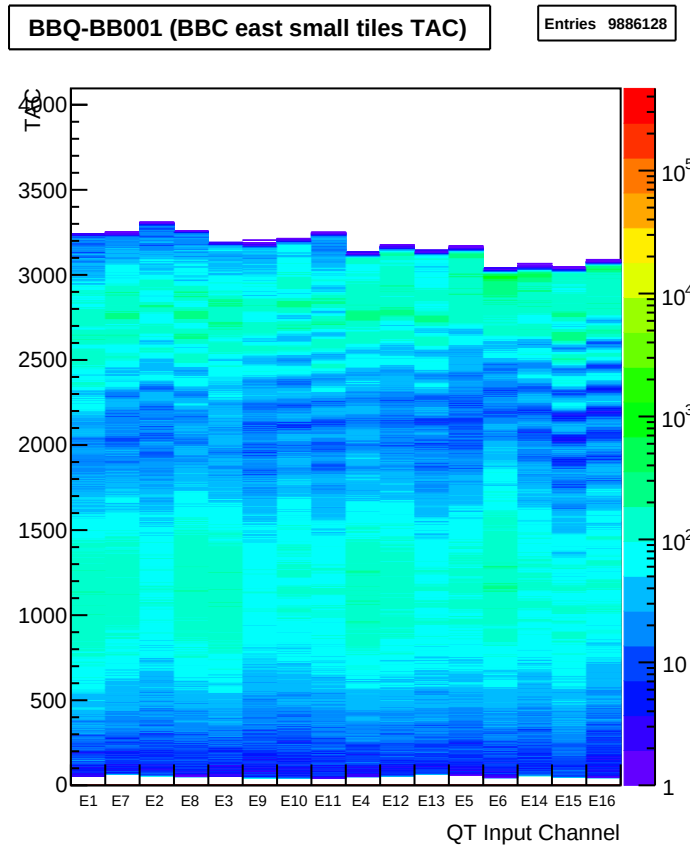

L2-TF201
Entries 617883
TOF total mult

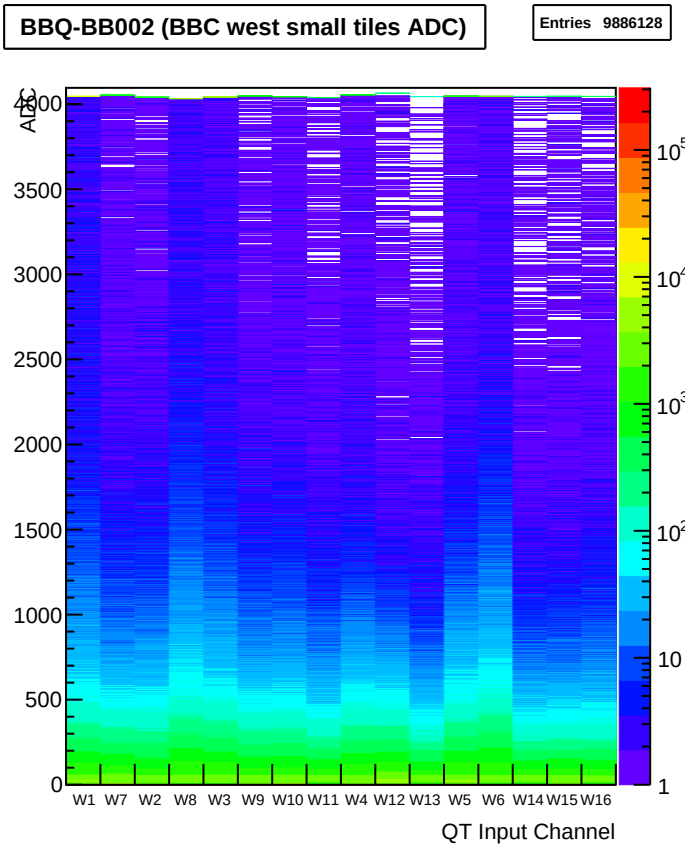

L2-TF201
Entries 0
TOF total mult(Real-Simu)

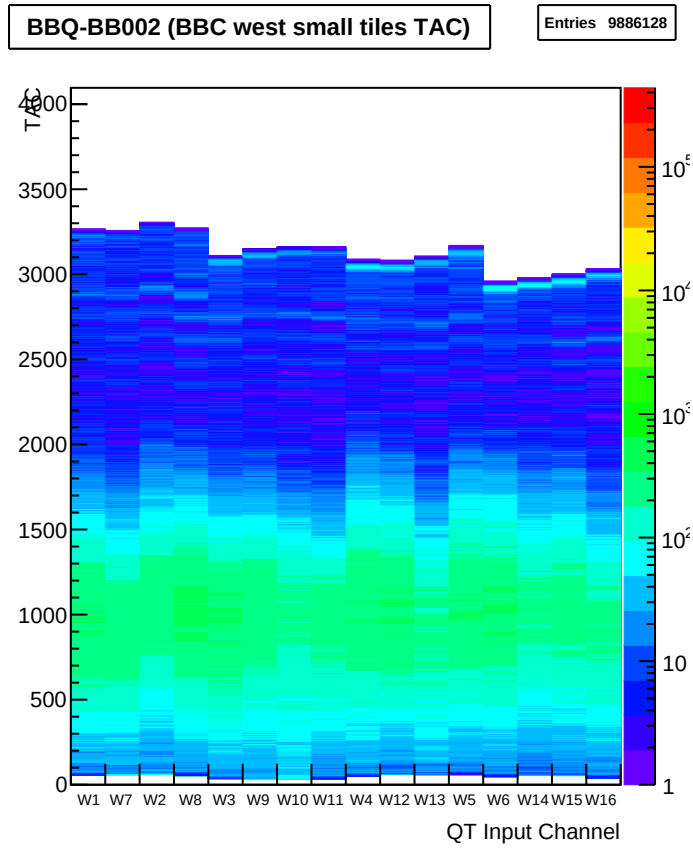

L2-TF201
Entries 4325181
Threshold/UPC bits
568030
572068
568363
572989
568257
566569
602149
49853
45815
49520
44894
49626
51314
15734
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

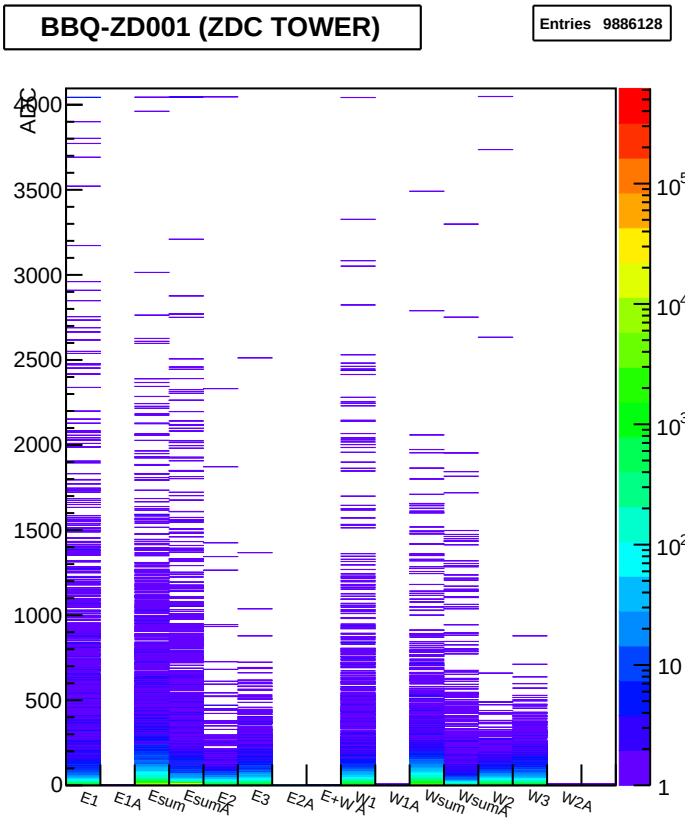

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

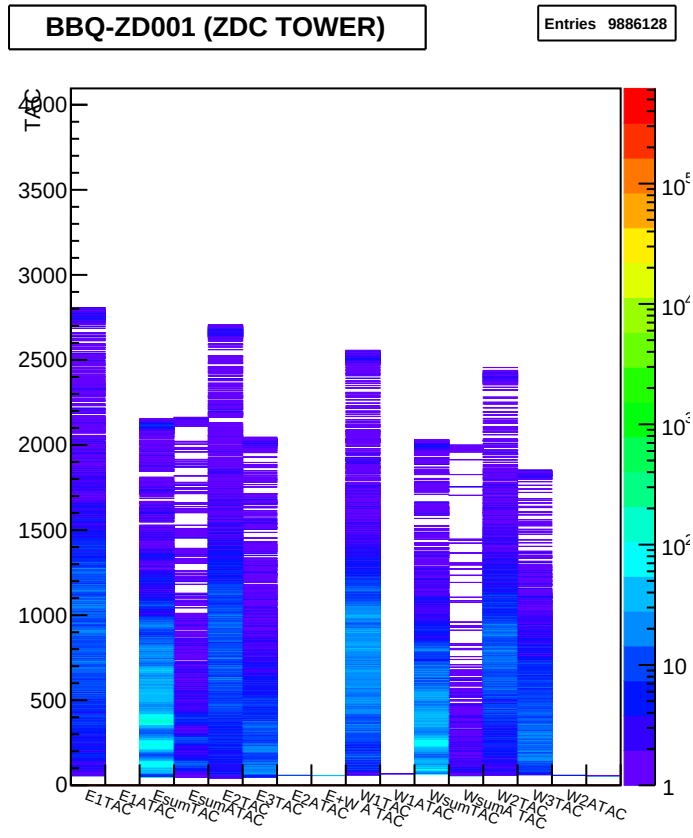

BBQ-BB001 (BBC east small tiles ADC)
Entries 9886128
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

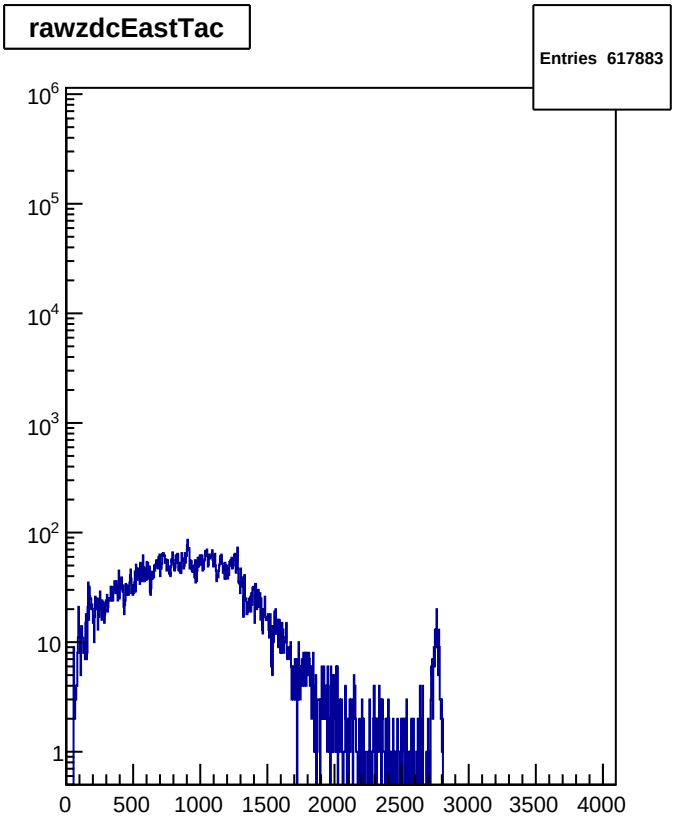

BBQ-BB001 (BBC east small tiles TAC)
Entries 9886128
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

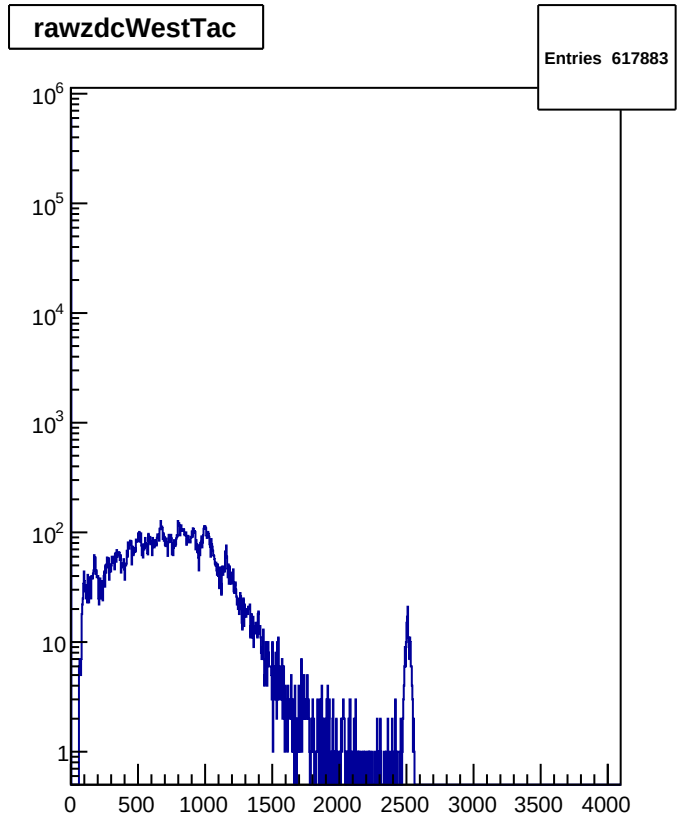

BBQ-BB002 (BBC west small tiles ADC)
Entries 9886128
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

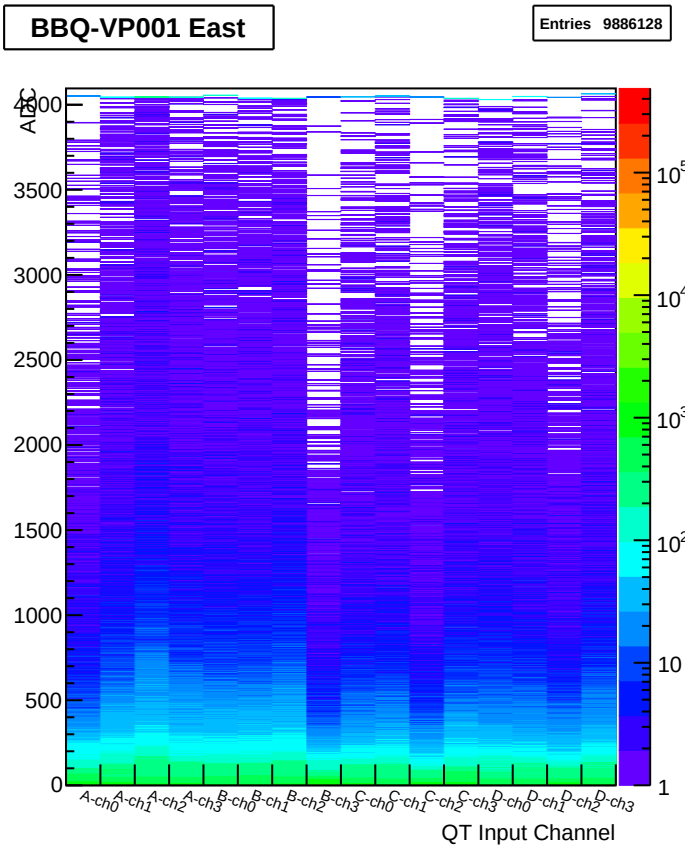

BBQ-BB002 (BBC west small tiles TAC)
Entries 9886128
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

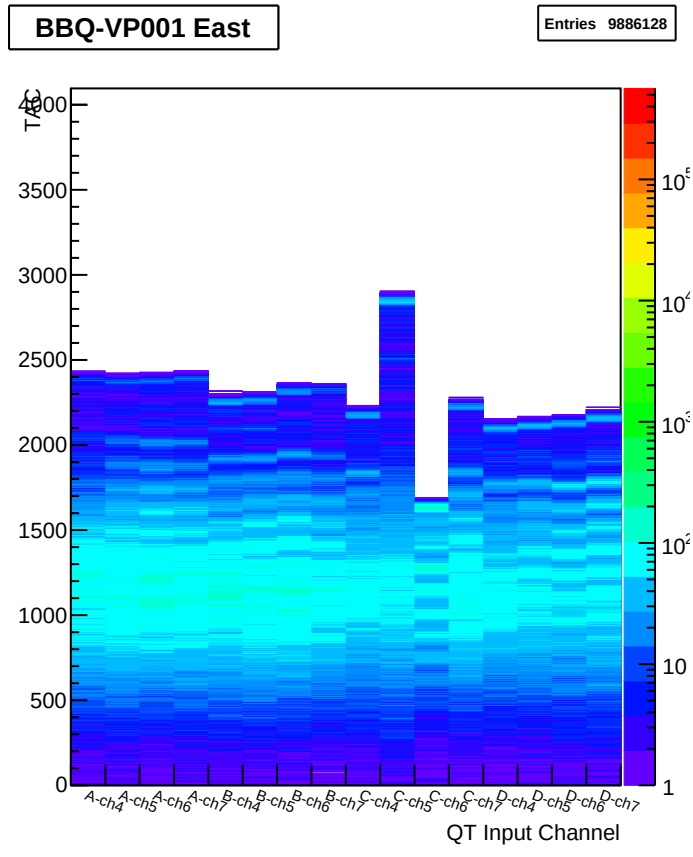

BBQ-ZD001 (ZDC TOWER)
Entries 9886128
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1
Wsum
WsumA
W2
W3
W2A

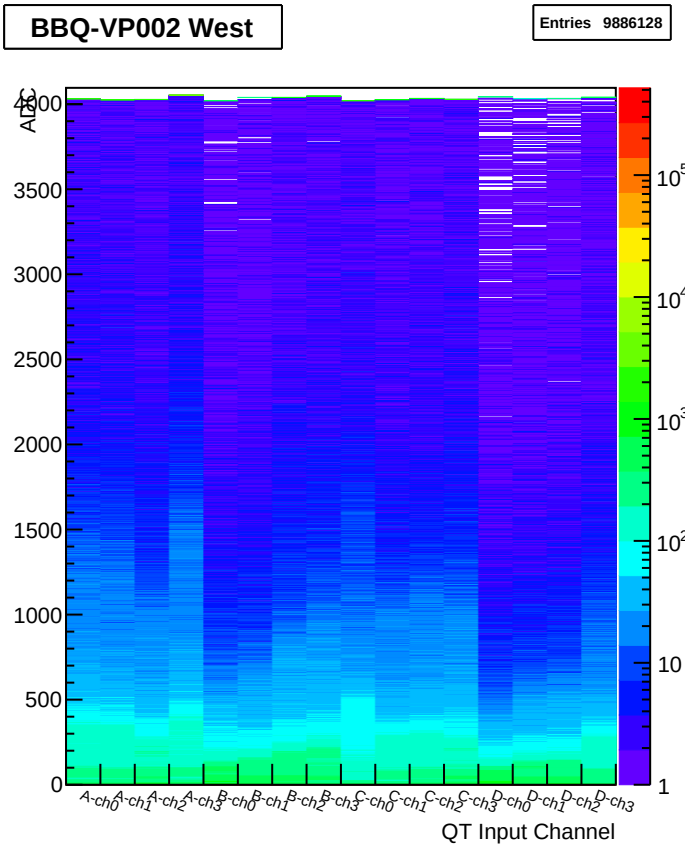

BBQ-ZD001 (ZDC TOWER)
Entries 9886128
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

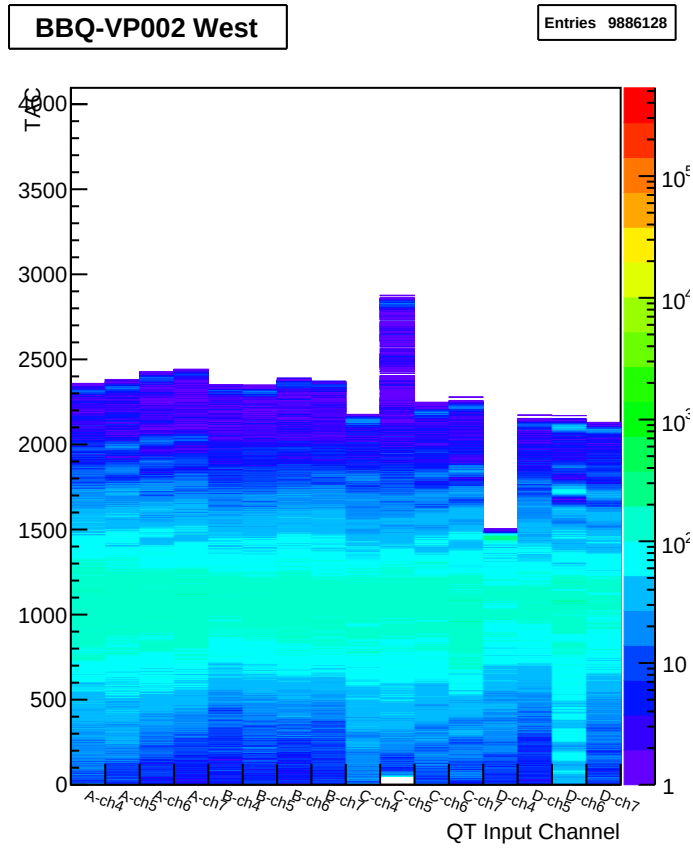

rawzdcEastTac
Entries 617883

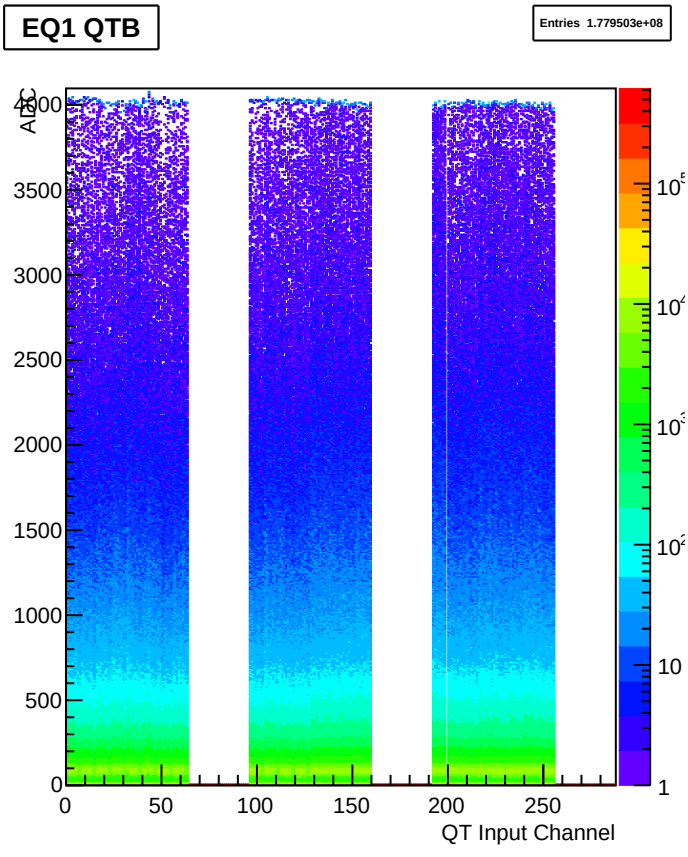

rawzdcWestTac
Entries 617883

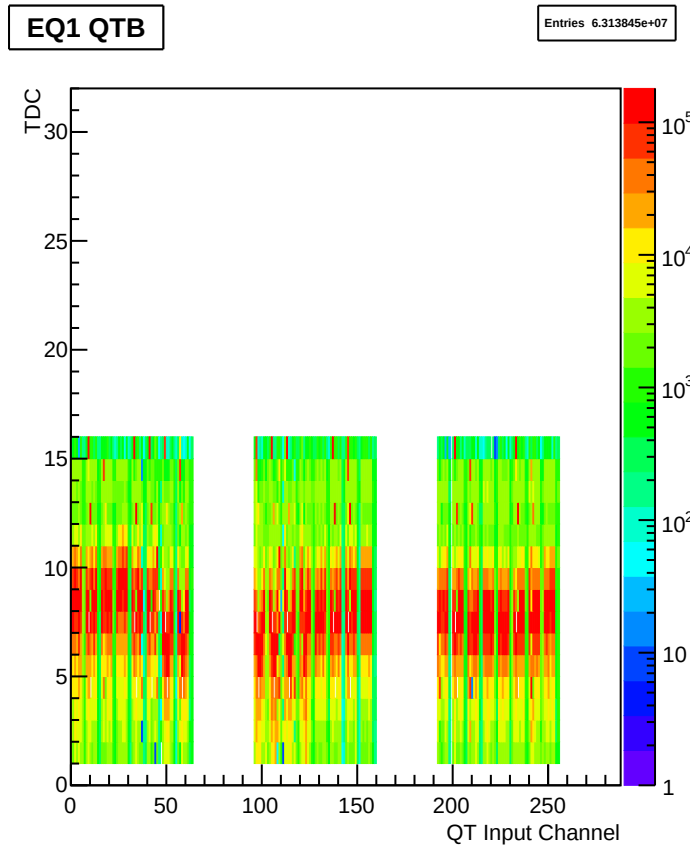

BBQ-VP001 East
Entries 9886128
ADC
QT Input Channel

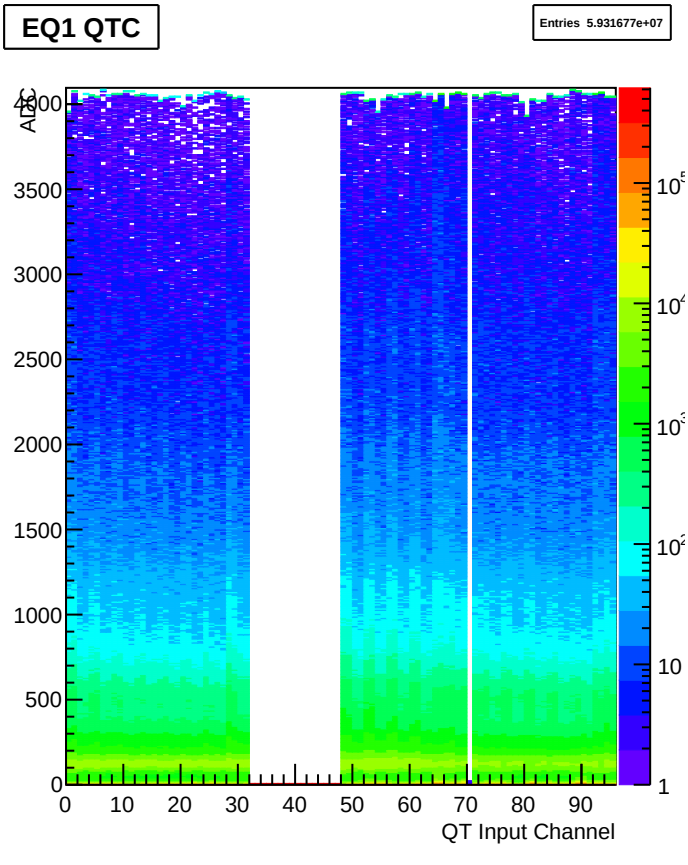

BBQ-VP001 East
Entries 9886128
ADC
QT Input Channel

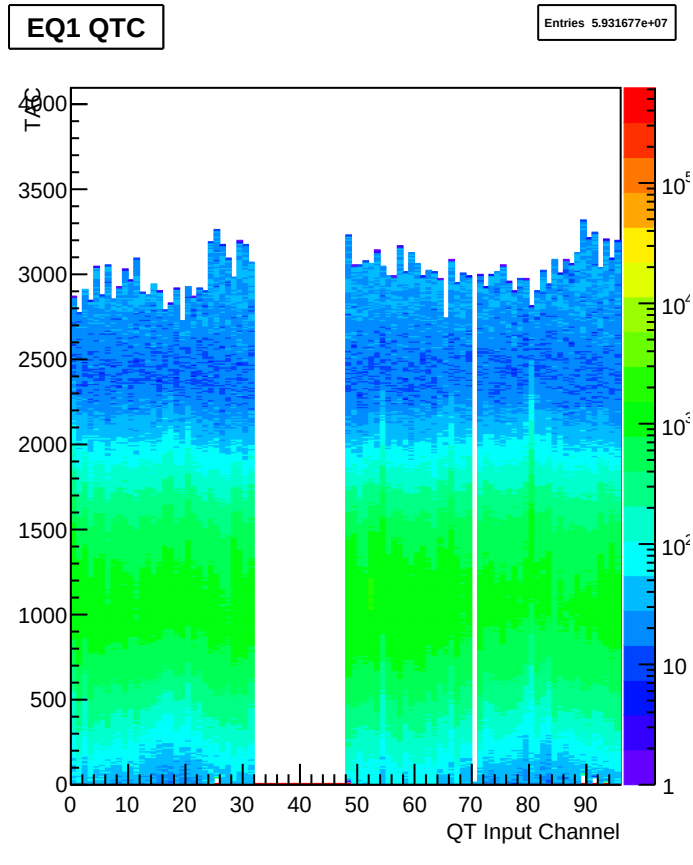

BBQ-VP002 West
Entries 9886128
ADC
QT Input Channel

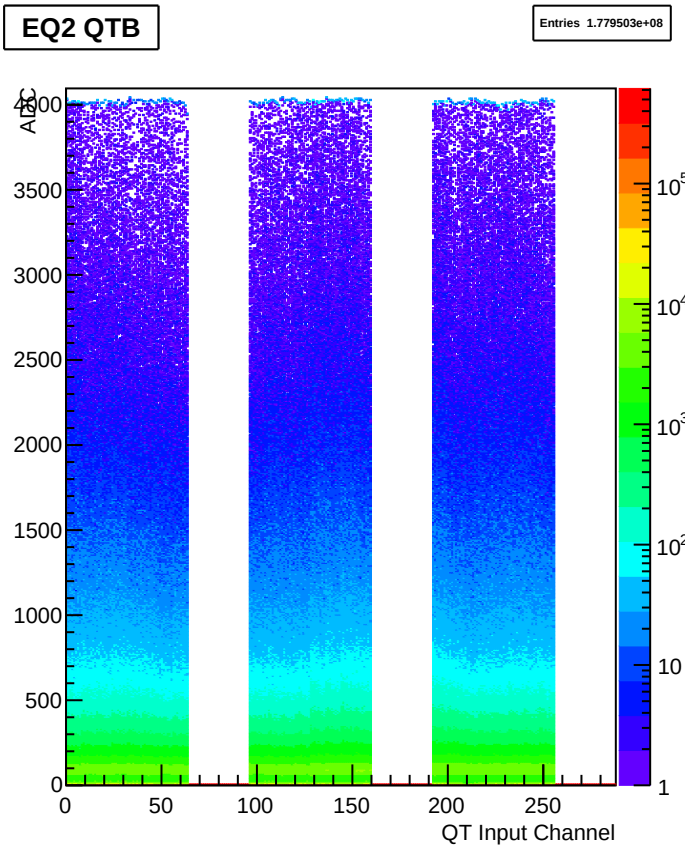

BBQ-VP002 West
Entries 9886128
ADC
QT Input Channel

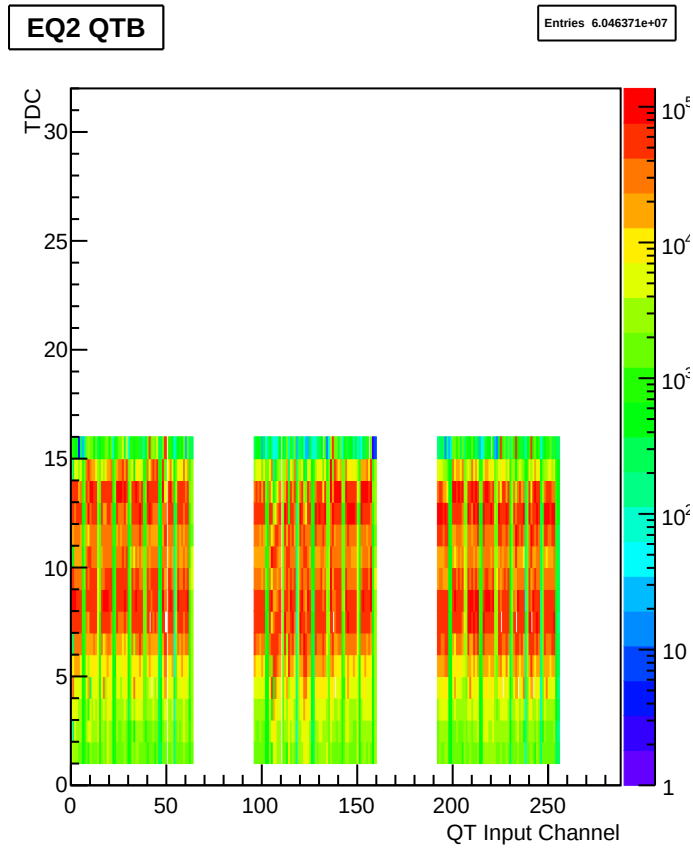

EQ1 QTB
Entries 1.779503e+08
ADC
QT Input Channel

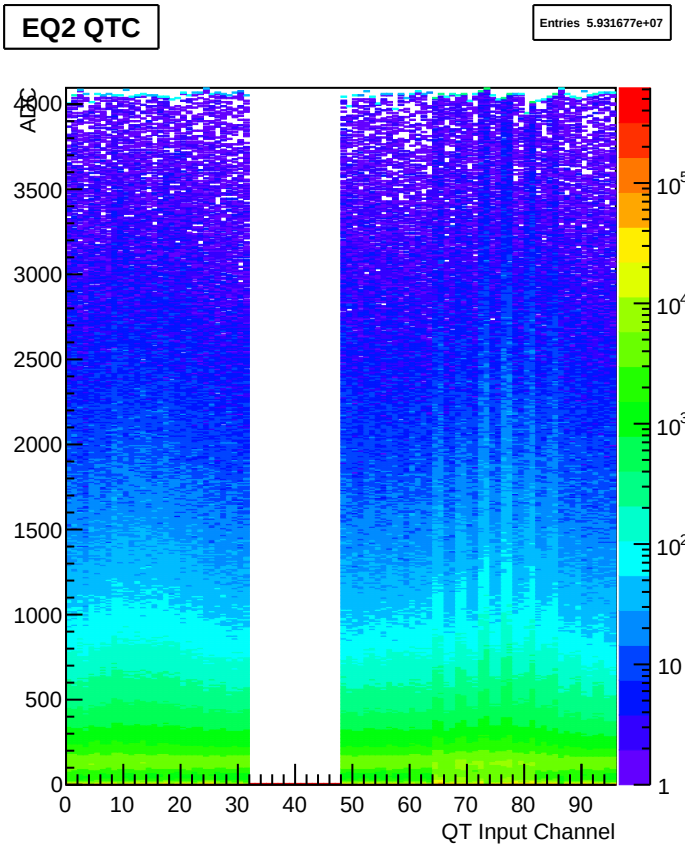

EQ1 QTB
Entries 6.313845e+07
TDC
QT Input Channel

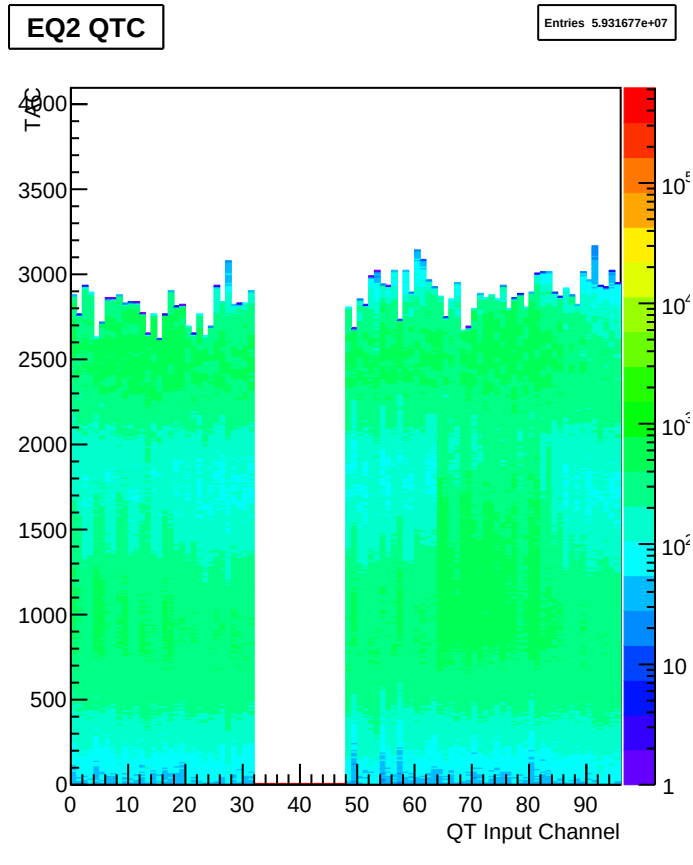

EQ1 QTC
Entries 5.931677e+07
ADC
QT Input Channel

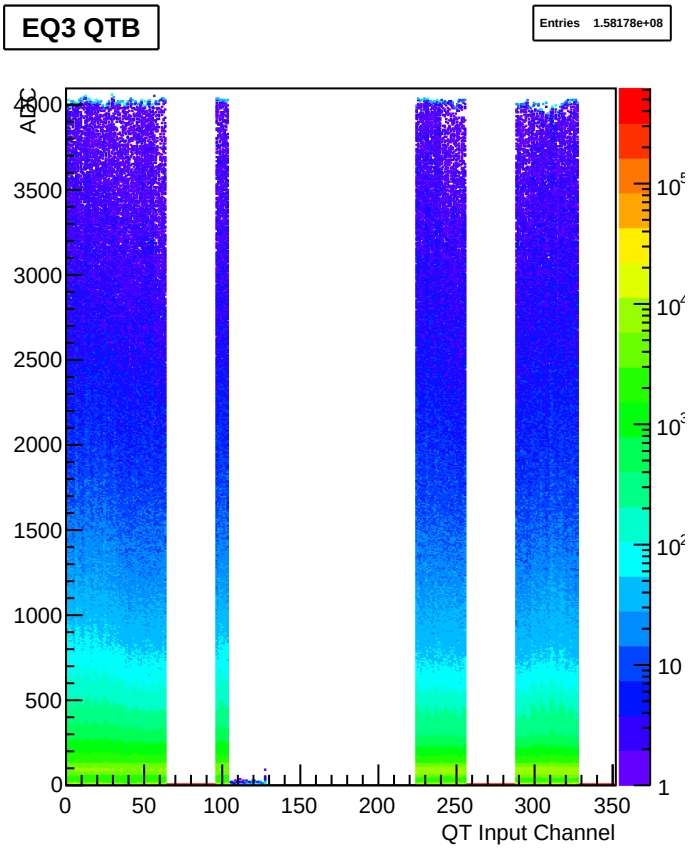

EQ1 QTC
Entries 5.931677e+07
TADC
QT Input Channel

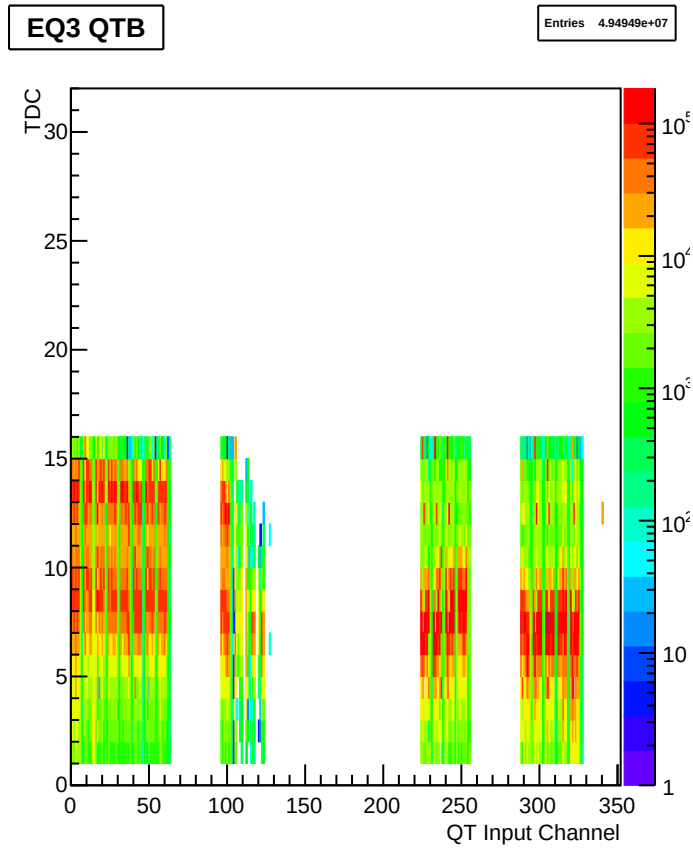

EQ2 QTB
Entries 1.779503e+08
ADC
QT Input Channel


EQ2 QTB
Entries 6.046371e+07
TDC
QT Input Channel


EQ2 QTC
Entries 5.931677e+07
ADC
QT Input Channel


EQ2 QTC
Entries 5.931677e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.58178e+08
ADC
QT Input Channel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Entries 4.94949e+07
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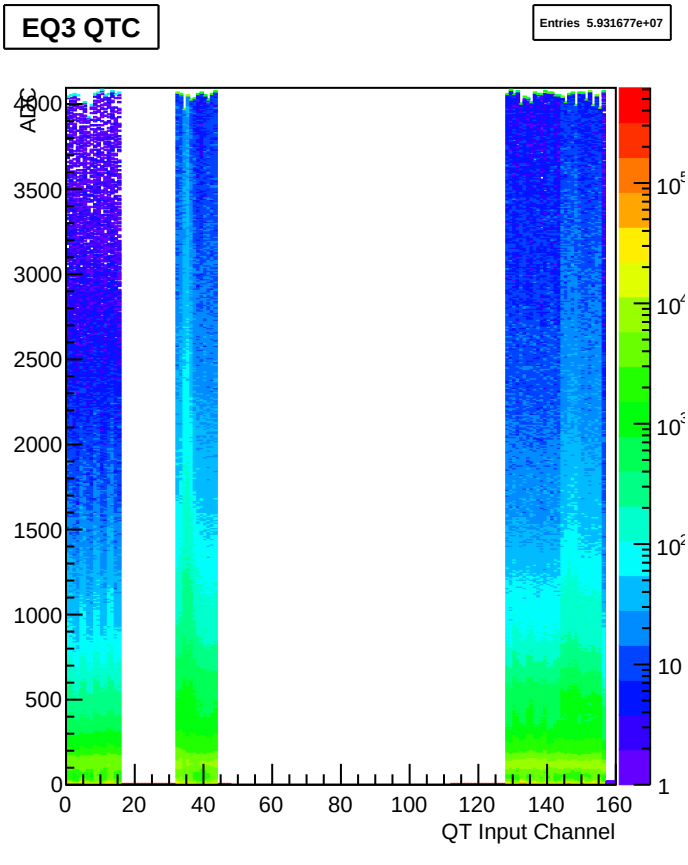
QT Input Channel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Entries 5.931677e+07
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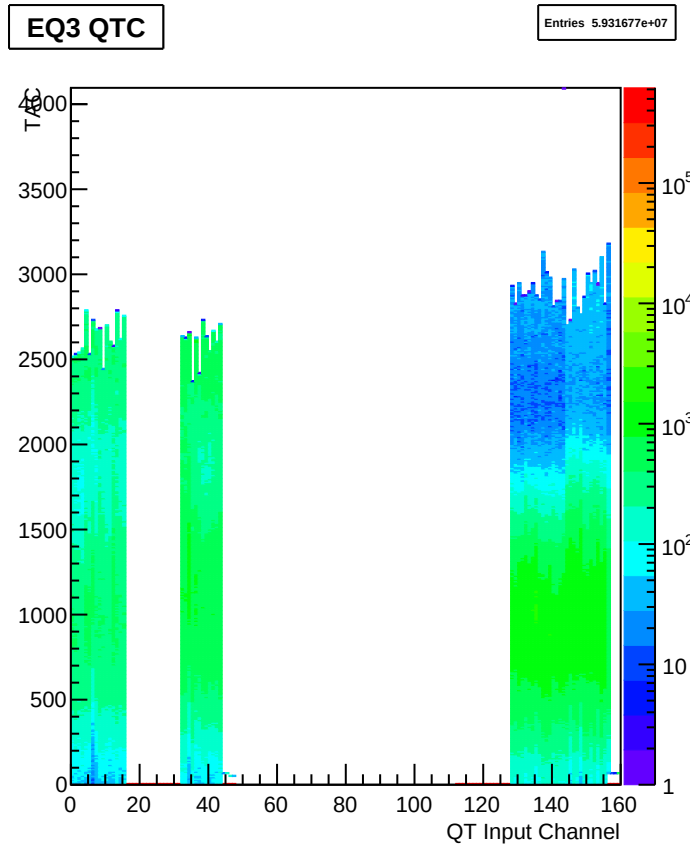
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Entries 5.931677e+07
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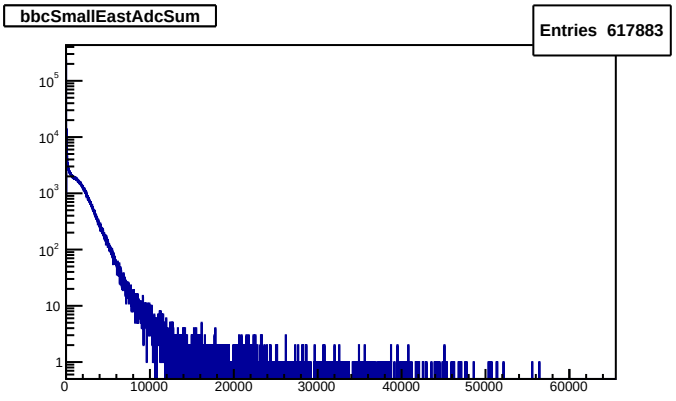
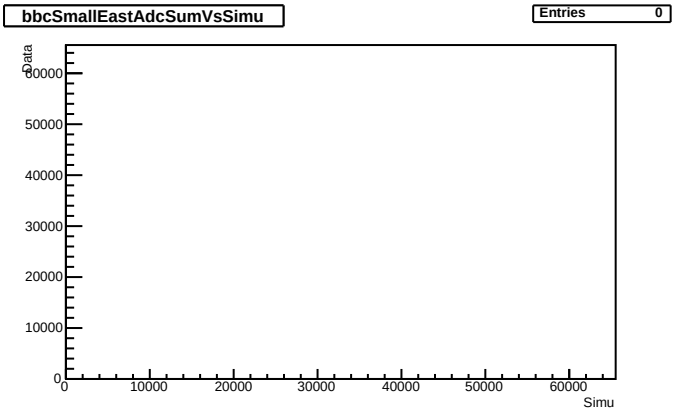
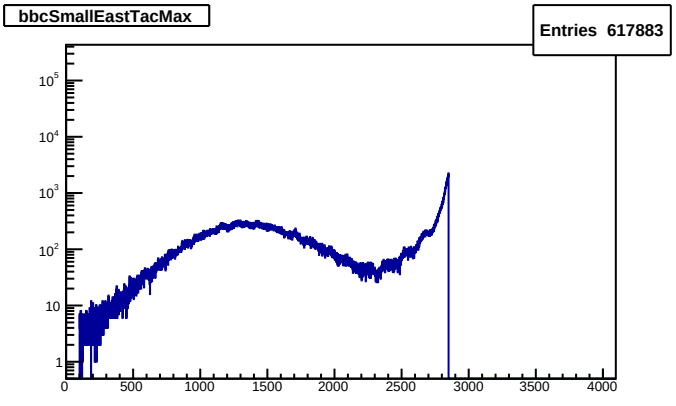
QT Input Channel


bbcSmallEastAdcSum
Entries 617883


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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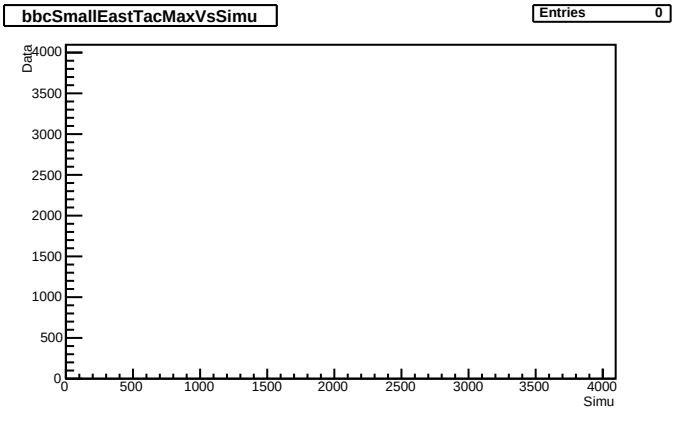
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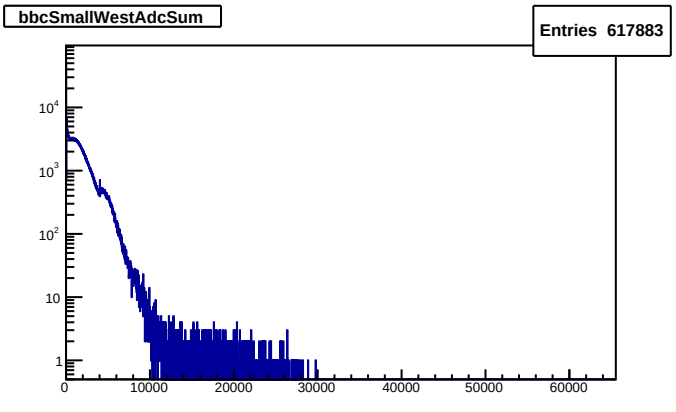
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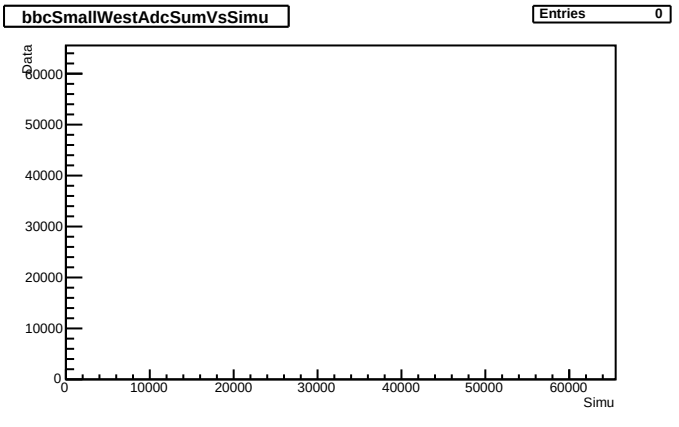
Entries 617883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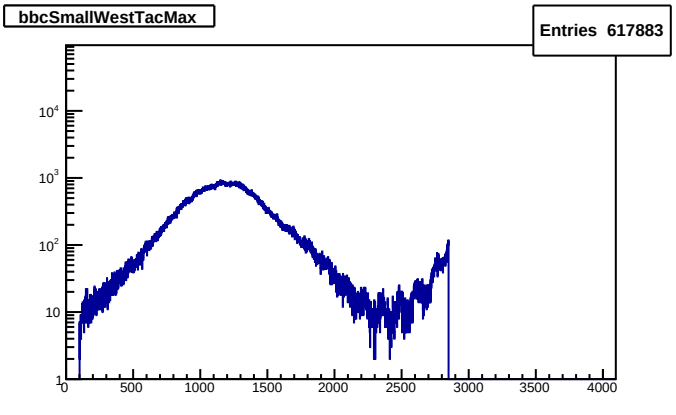
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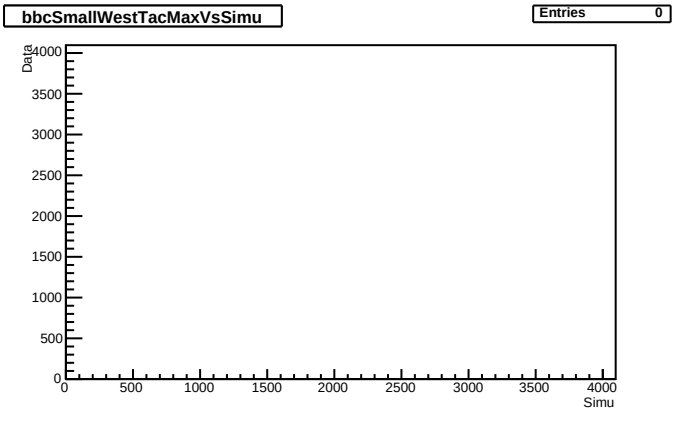
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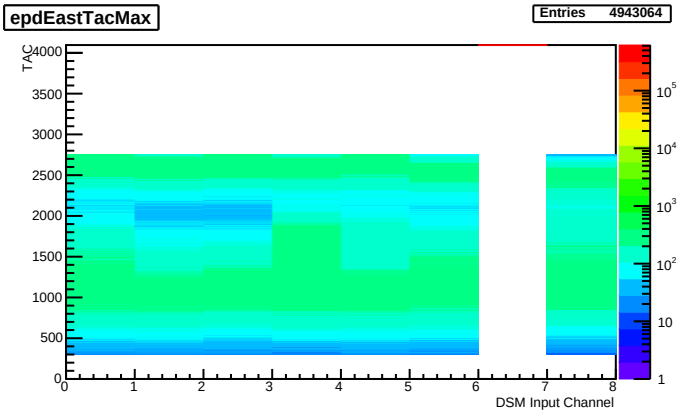
Simu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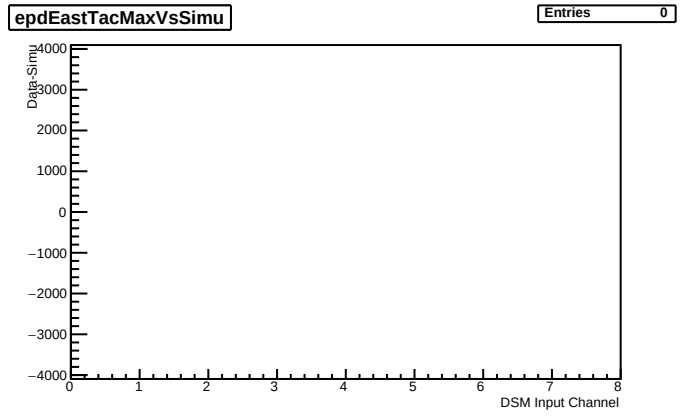
Entries 4943064
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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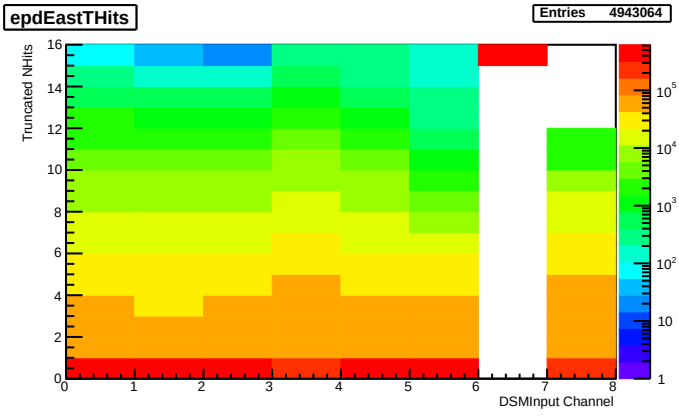
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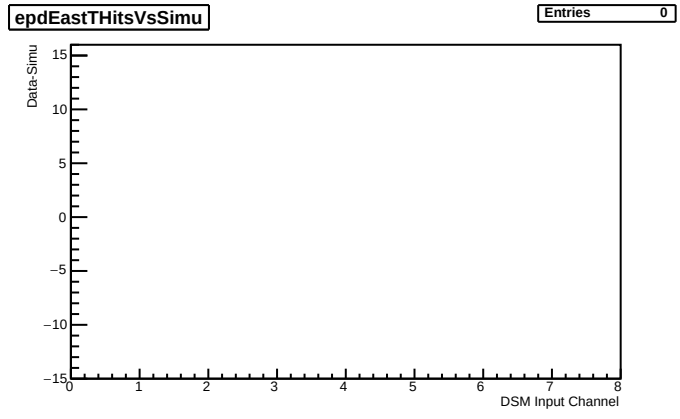
DSMInput Channel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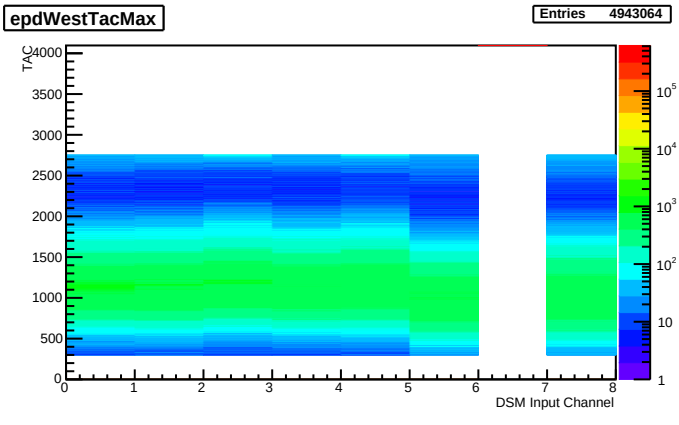
DSM Input Channel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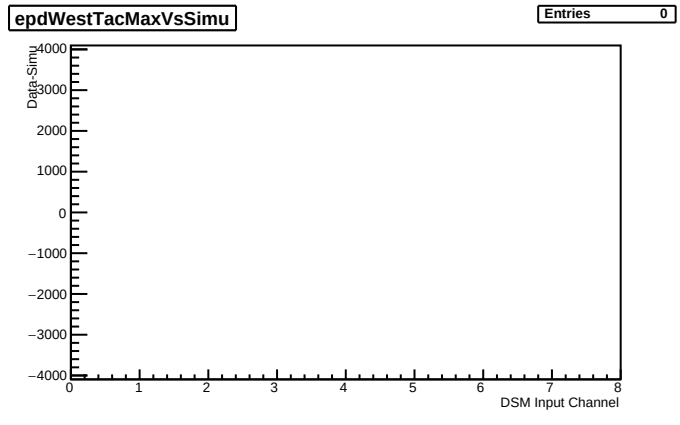
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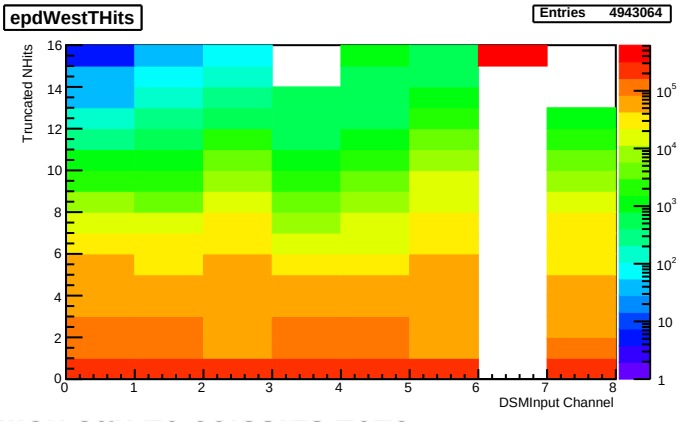
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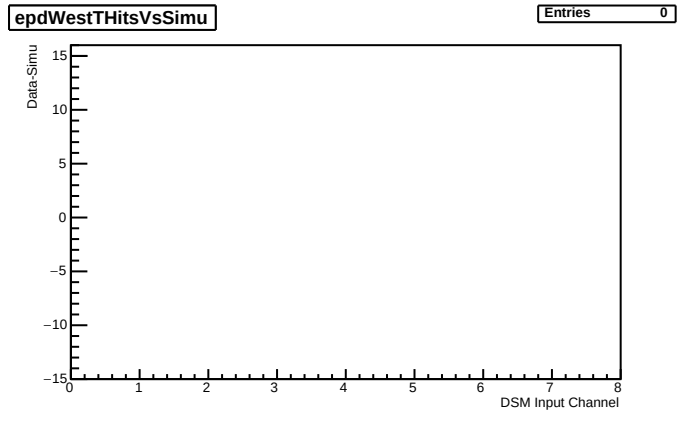
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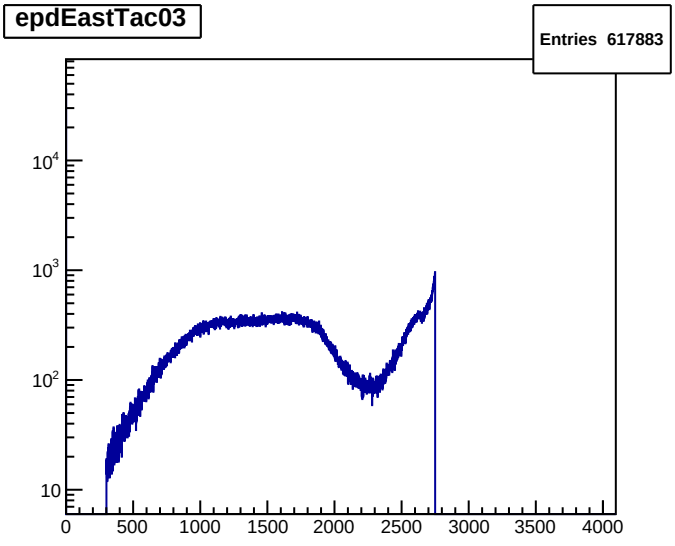
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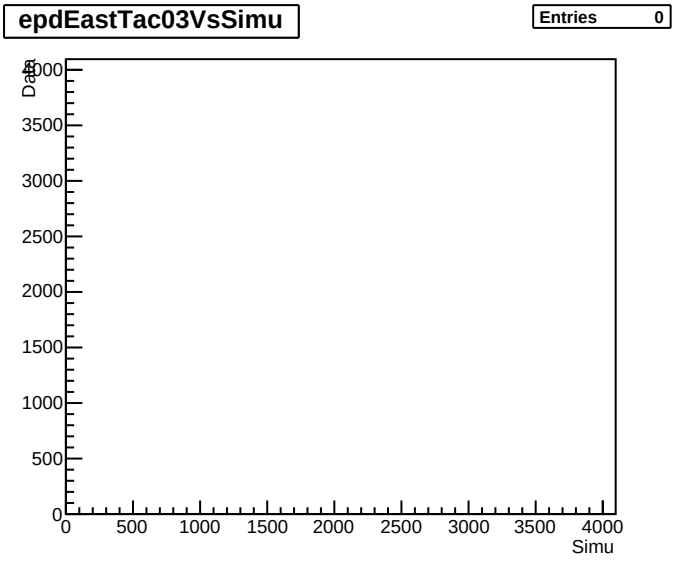
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Entries 0
Data
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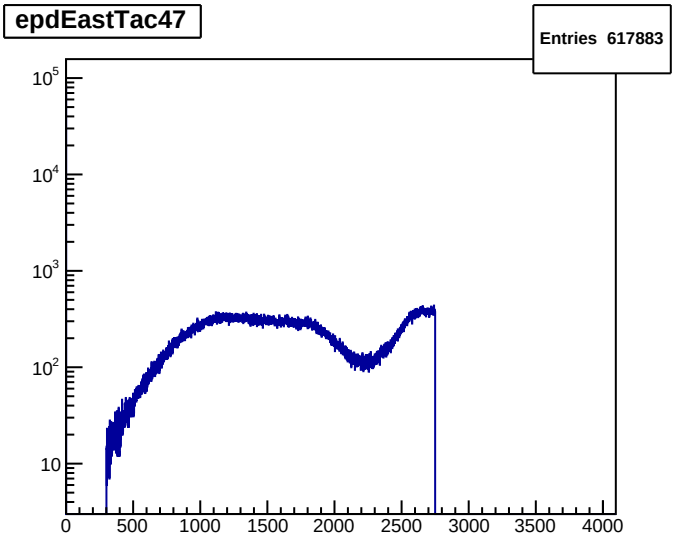
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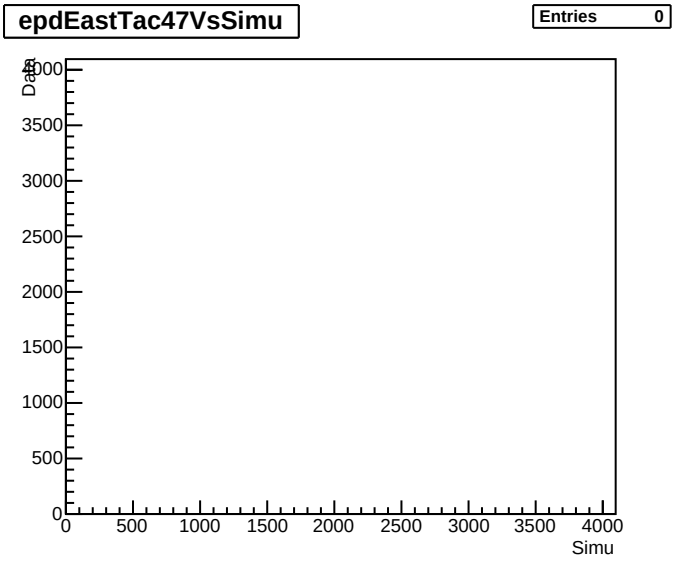
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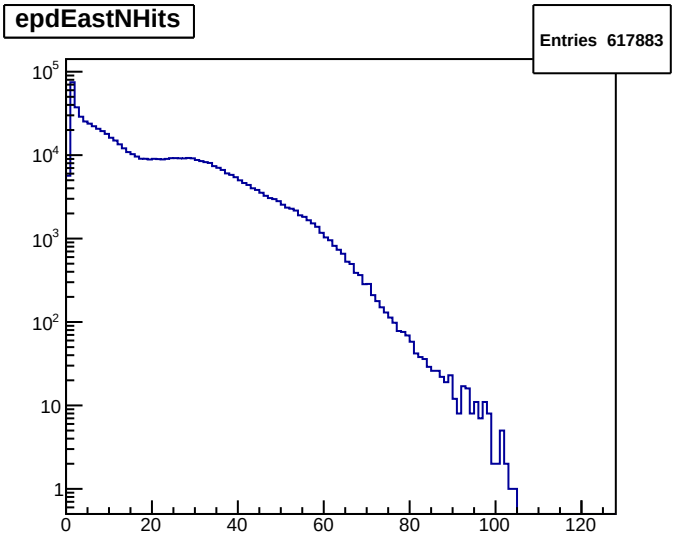
Data
Simu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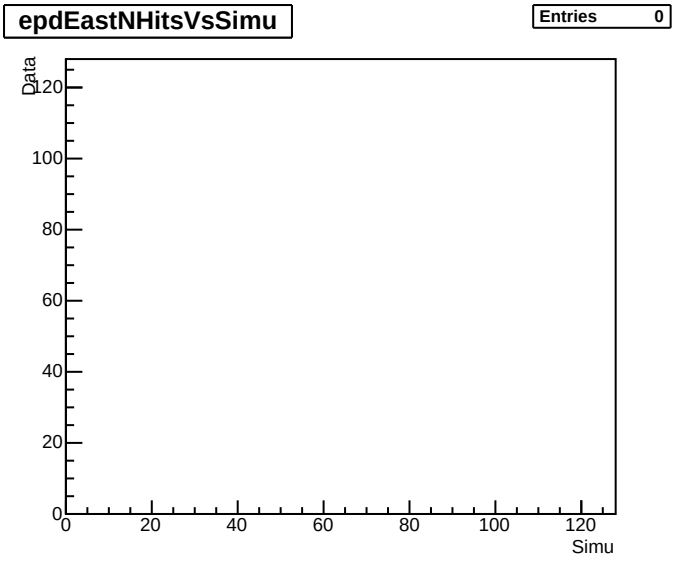
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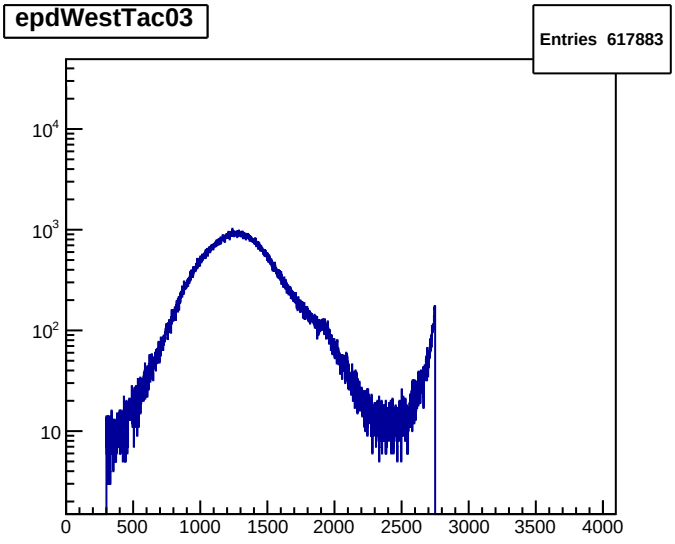
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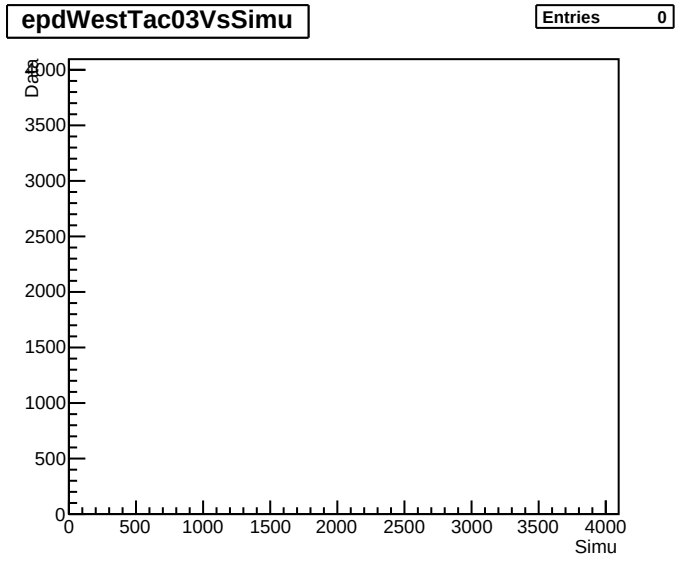
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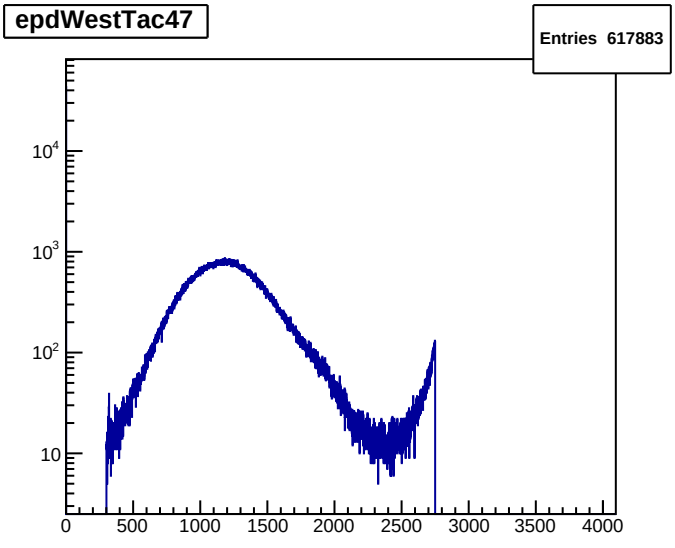
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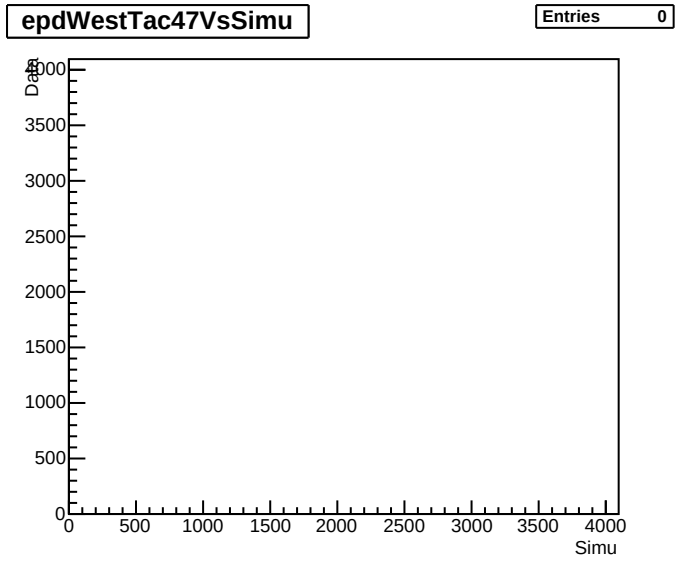
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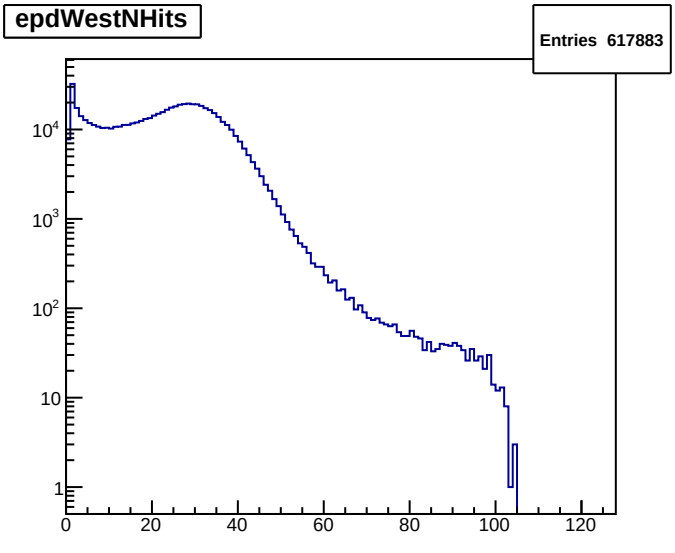
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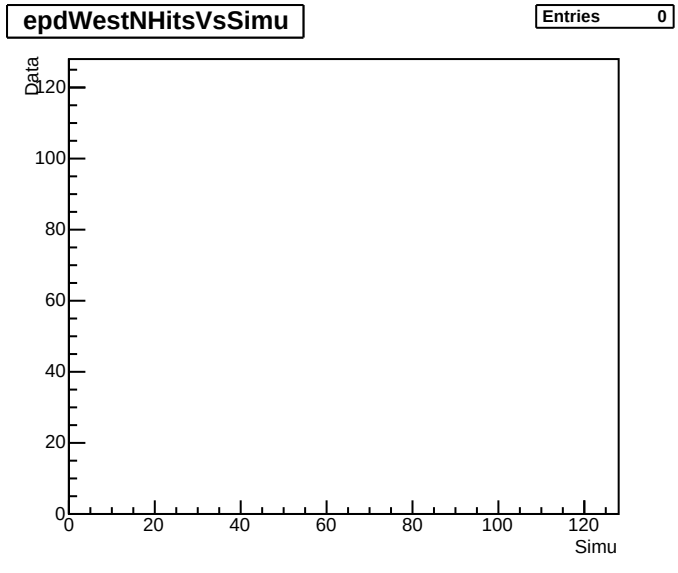
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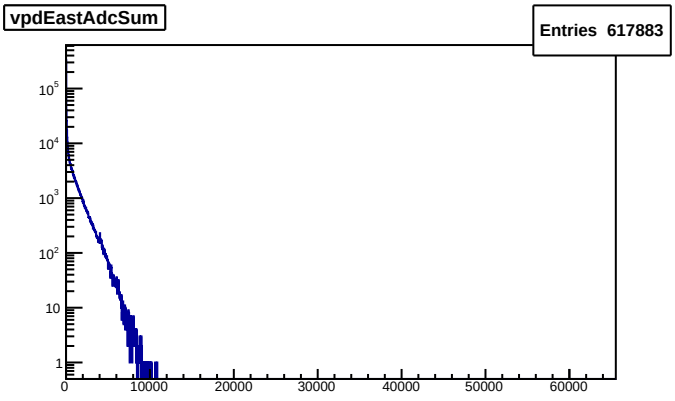
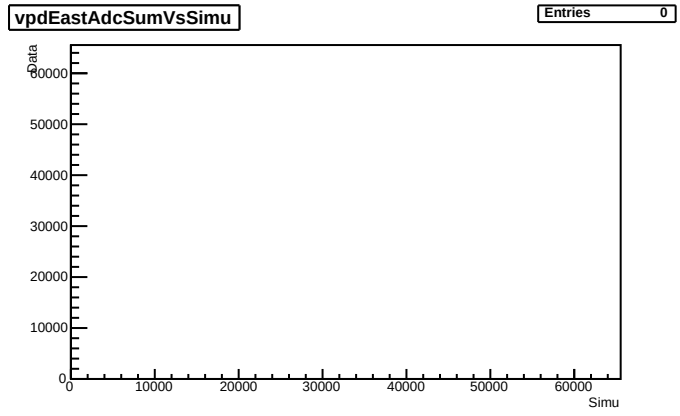

vpdEastAdcSum
Entries 617883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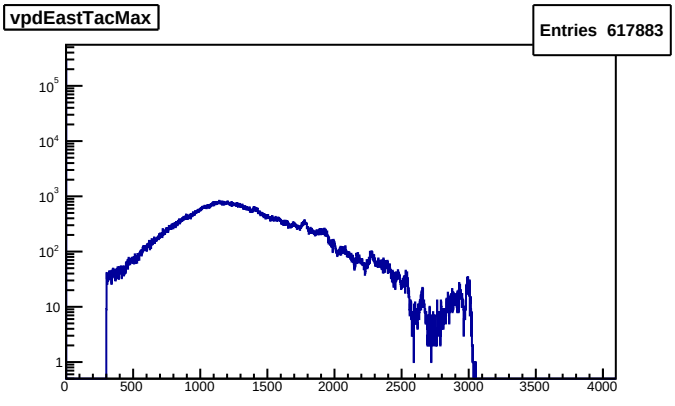
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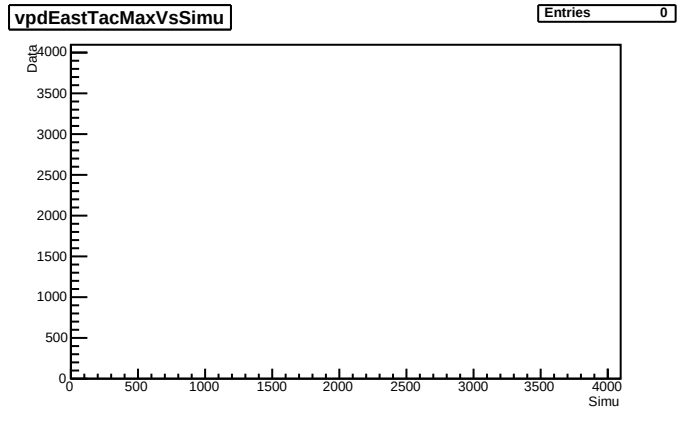
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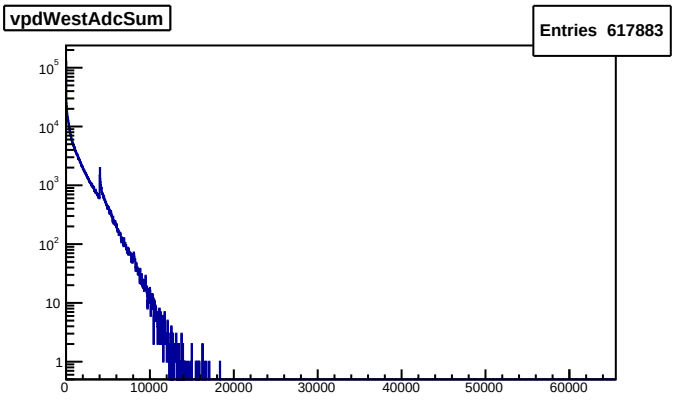
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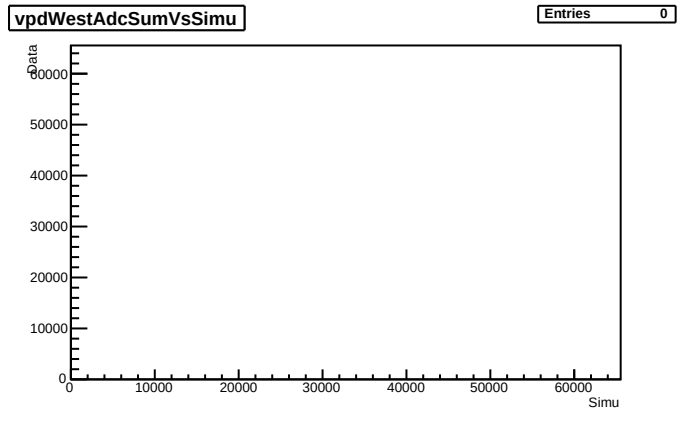
Entries 617883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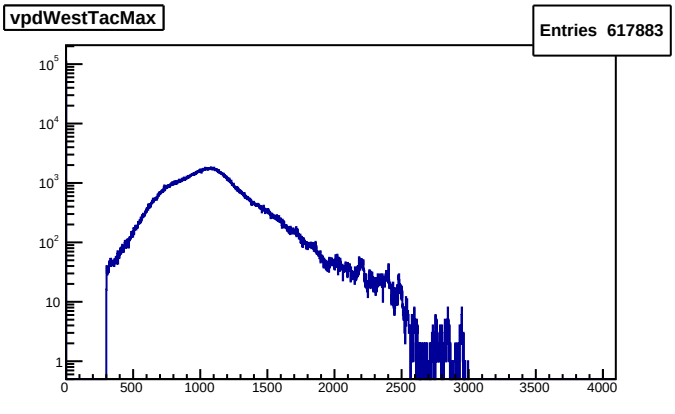
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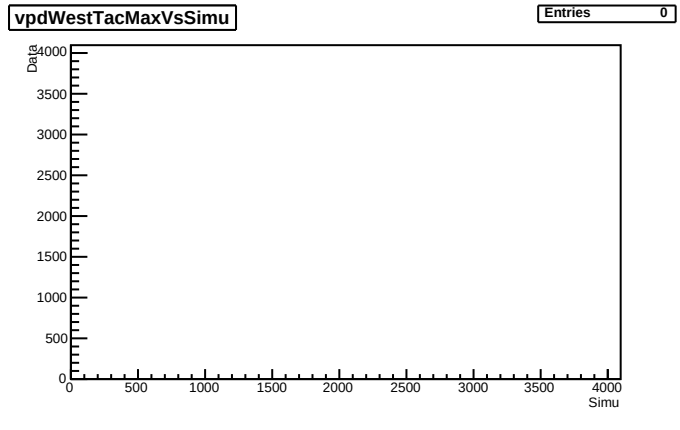
Entries 617883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Entries 0
Data
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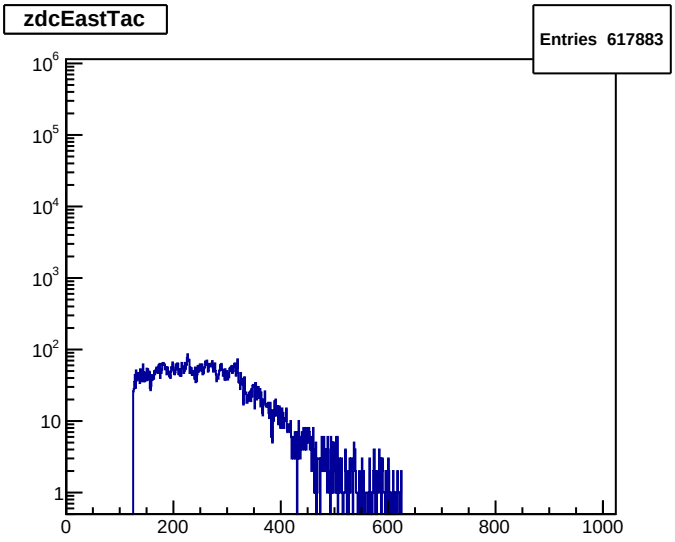
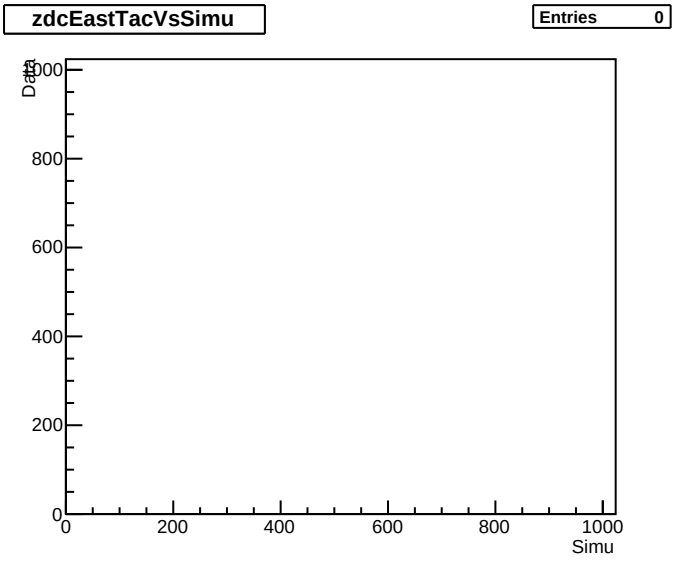

zdcEastTac
Entries 617883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Entries 0
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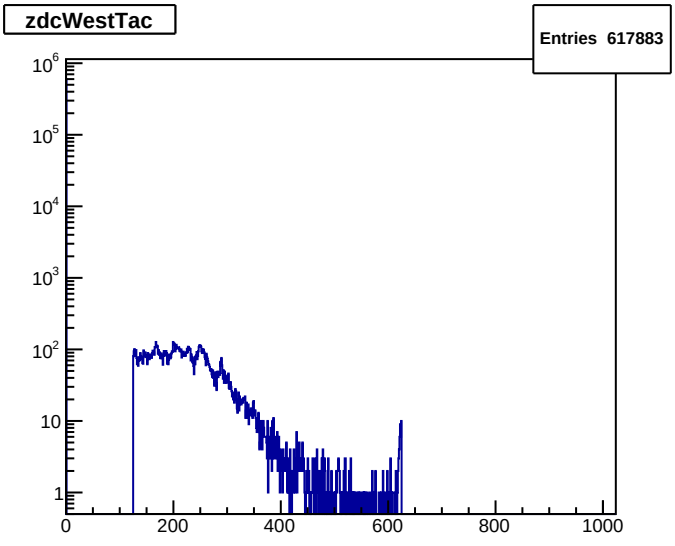
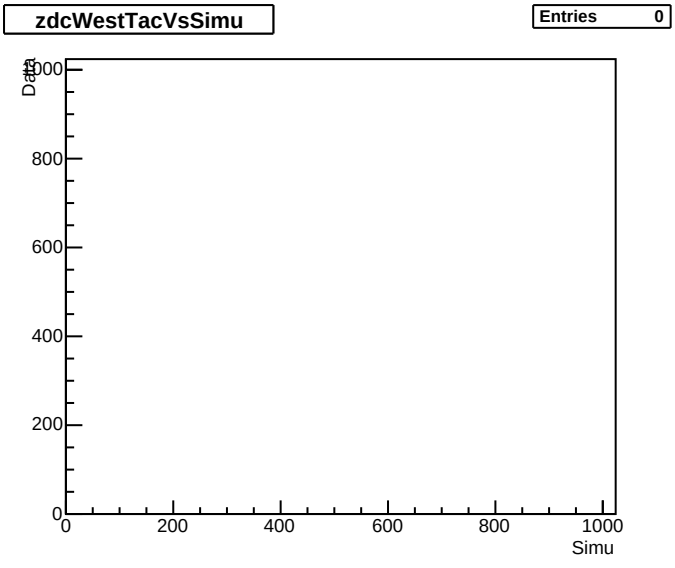

zdcWestTac
Entries 617883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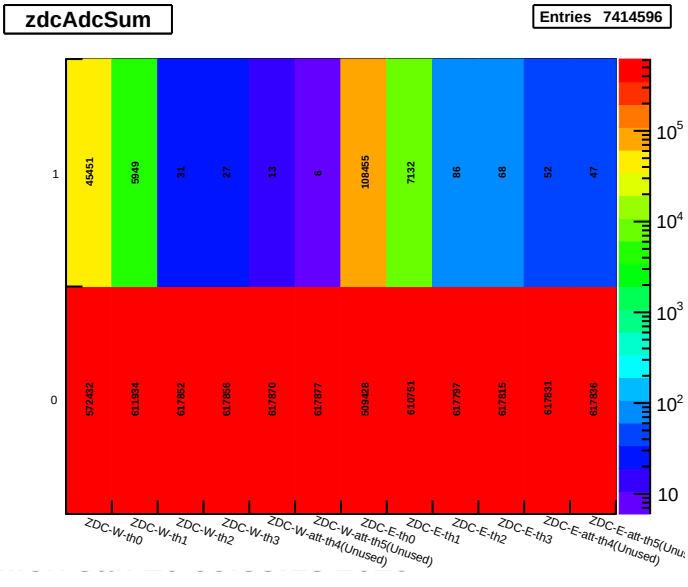
Entries 0
Data
Simu


zdcAdcSum
Entries 7414596
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5949
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27
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7132
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68
52
47
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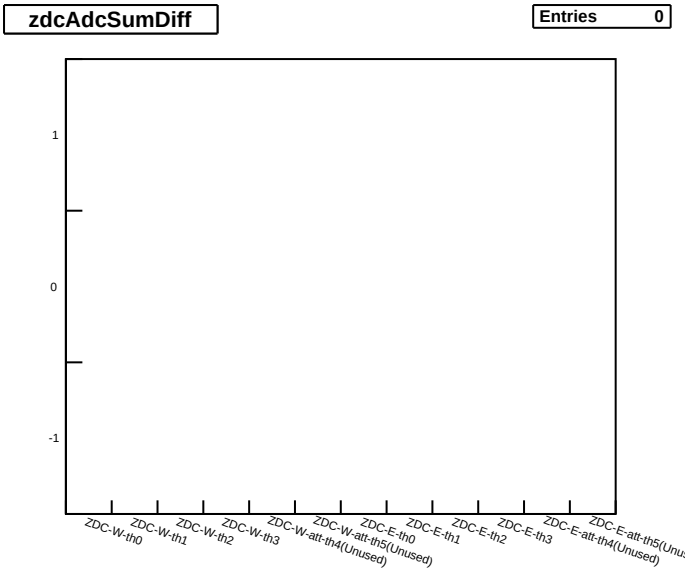
611834
617852
617856
617870
617877
509428
610751
617797
617815
617831
617836
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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)
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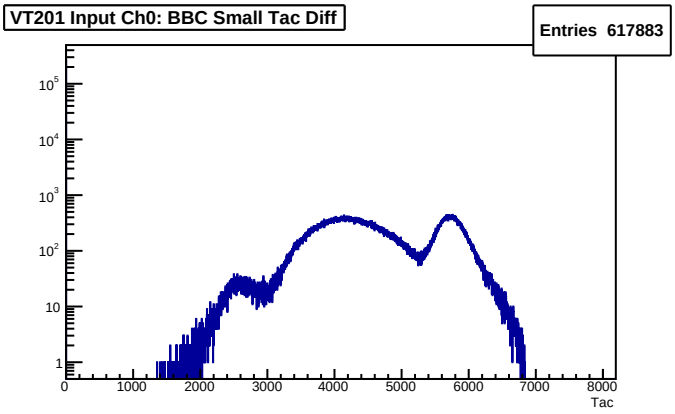
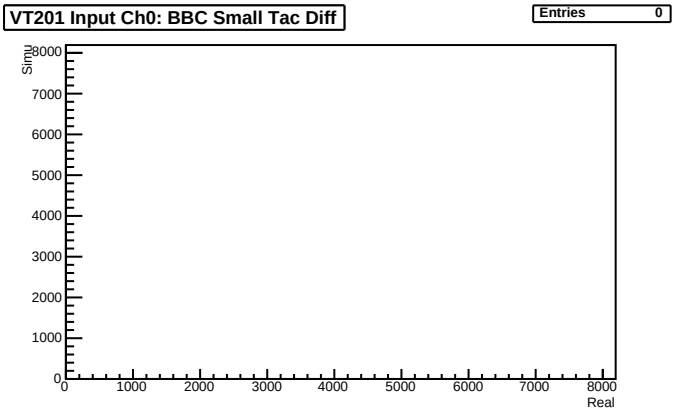
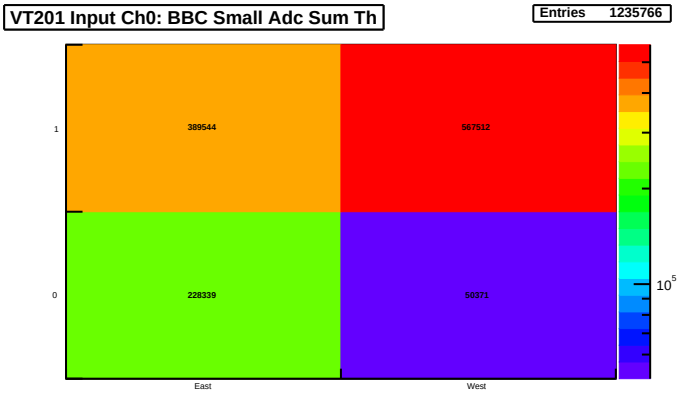
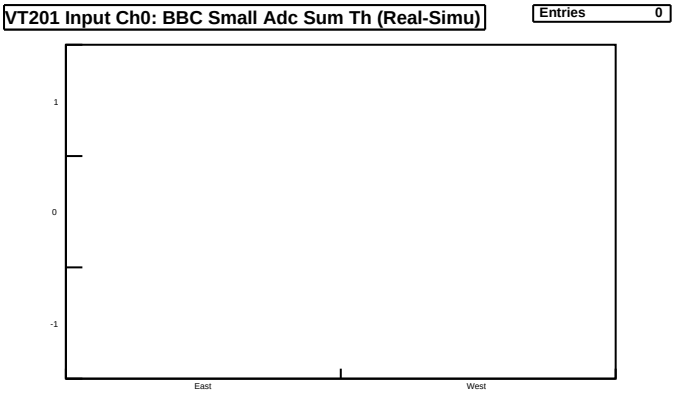
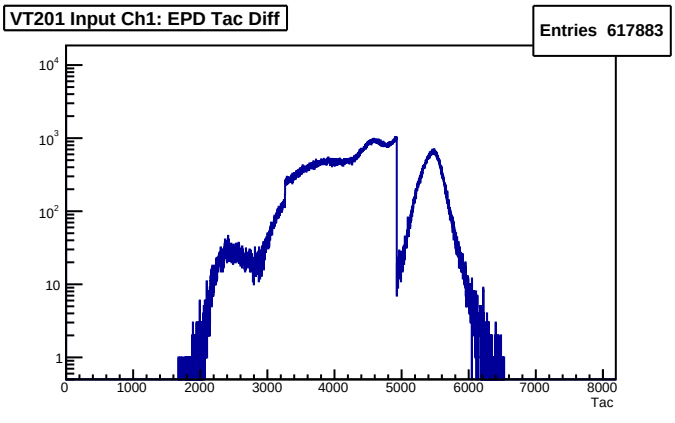
ZDC-E-th3
ZDC-E-att-th4(Unused)

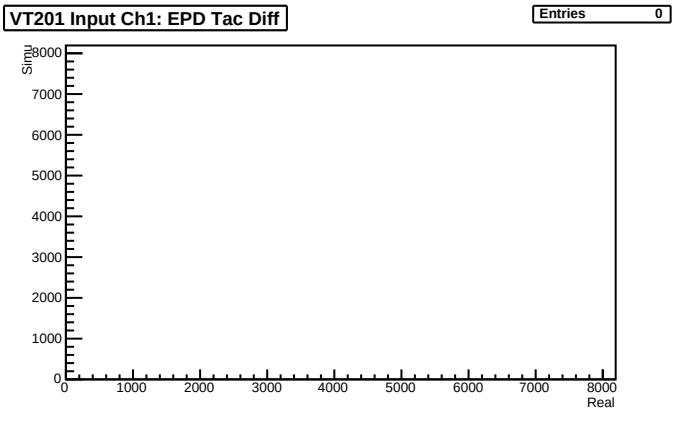

VT201 Input Ch0: BBC Small Tac Diff
Entries 617883
Tac

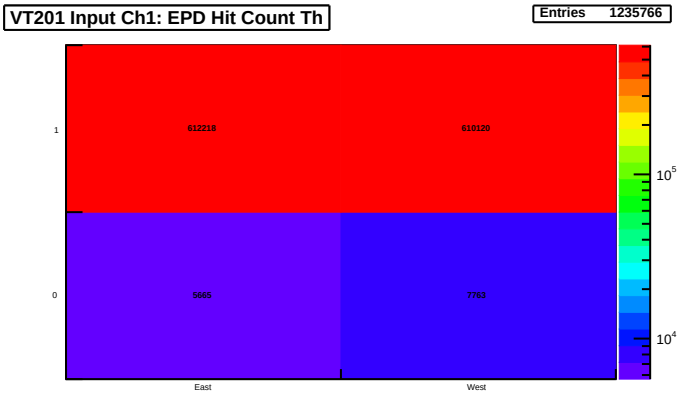

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real


VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1235766
389544
567512
228339
50371
East
West


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


VT201 Input Ch1: EPD Tac Diff
Entries 617883
Tac


VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real


VT201 Input Ch1: EPD Hit Count Th
Entries 1235766
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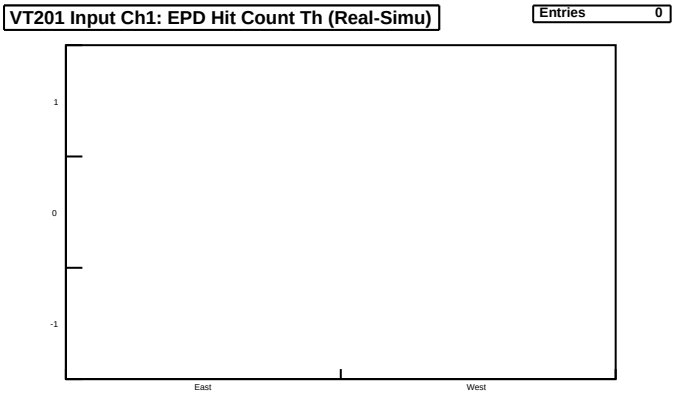
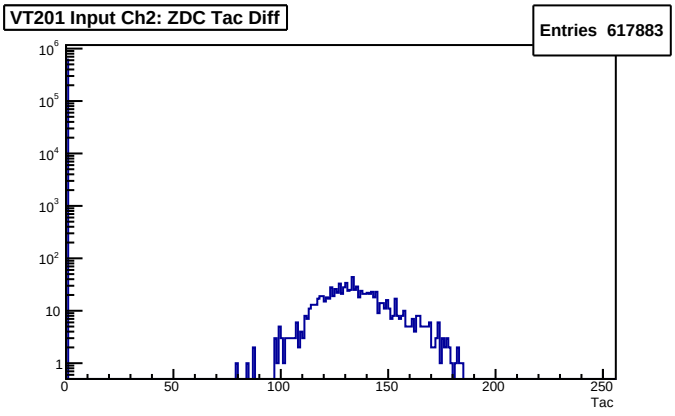
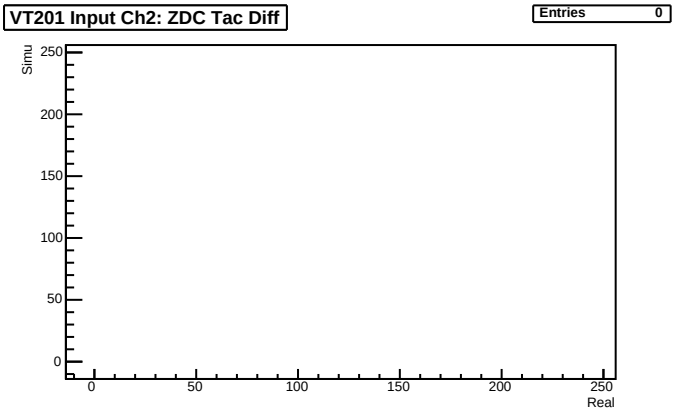
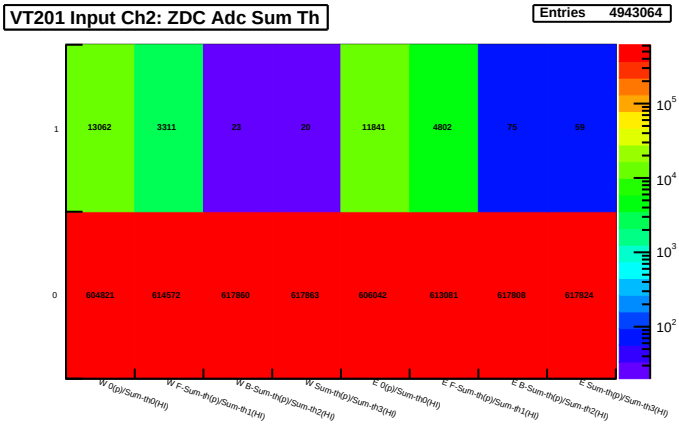
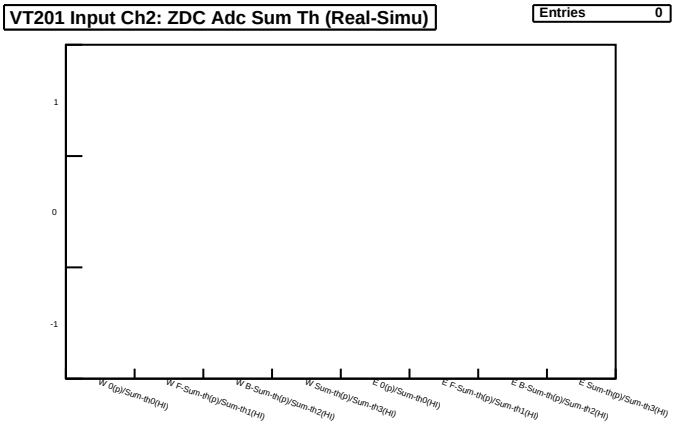
610120
5665
7763
East
West

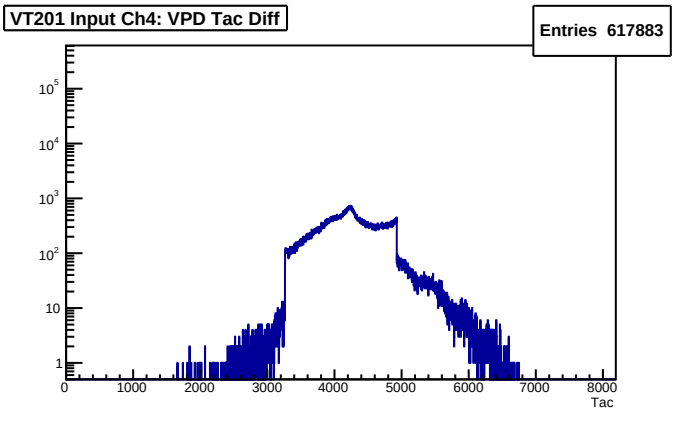

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

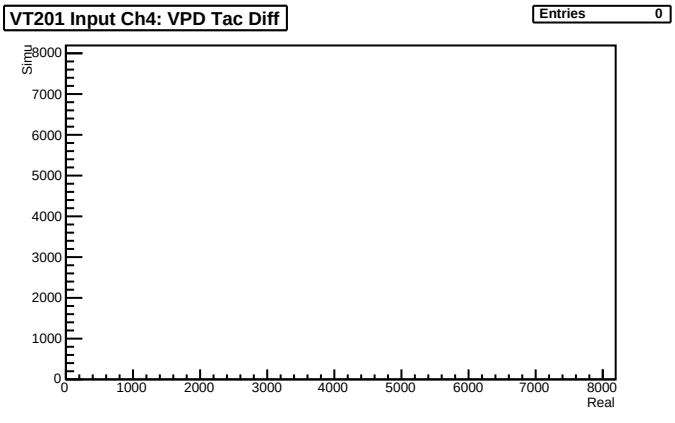

VT201 Input Ch2: ZDC Tac Diff
Entries 617883
Tac

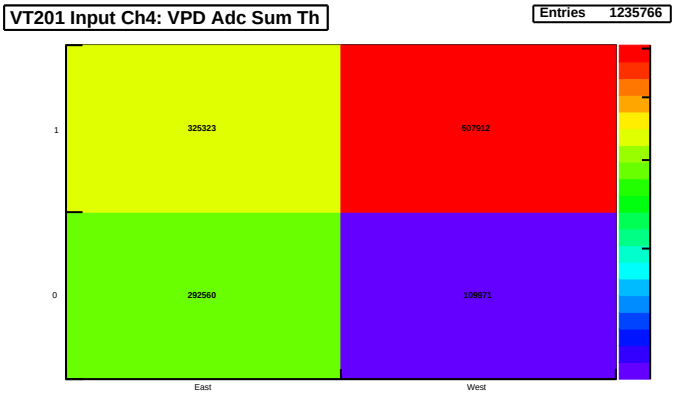

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

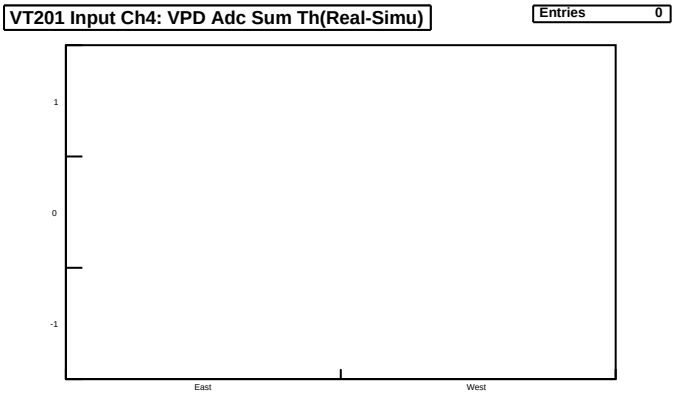

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4943064
13062
3311
23
20
11841
4802
75
59
604821
614572
617860
617863
606042
613081
617808
617824
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

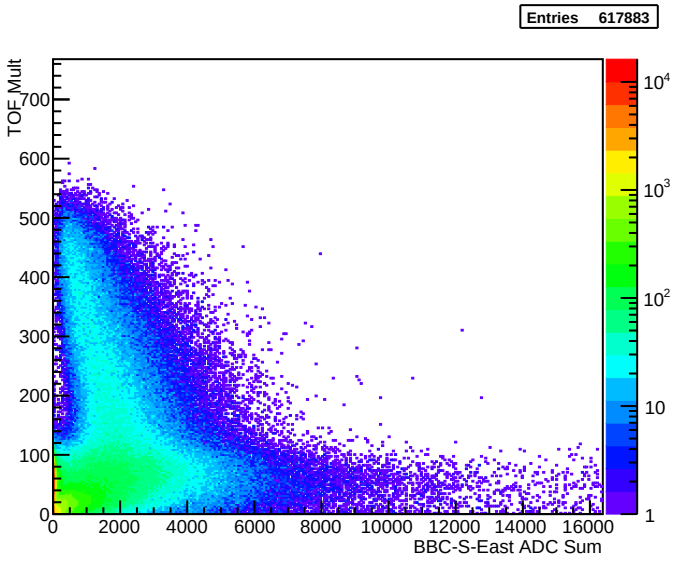

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

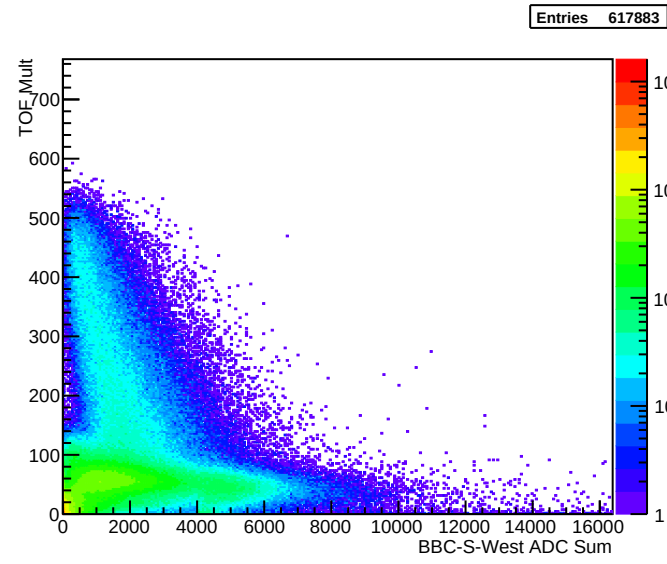

VT201 Input Ch4: VPD Tac Diff
Entries 617883
Tac

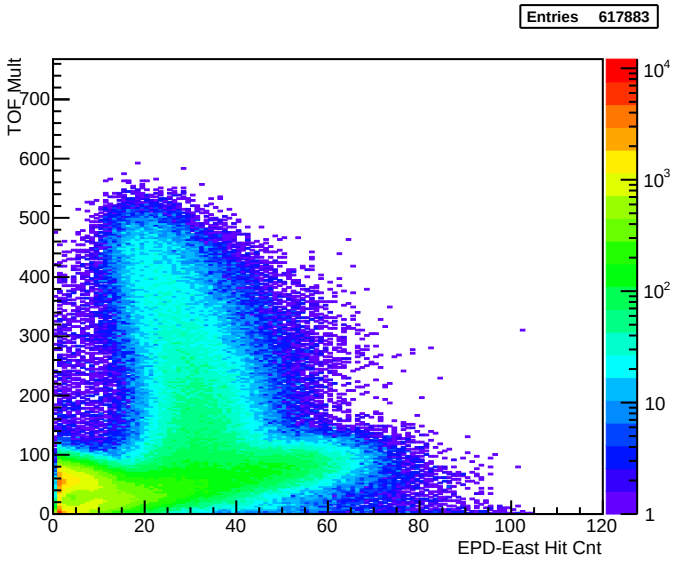

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

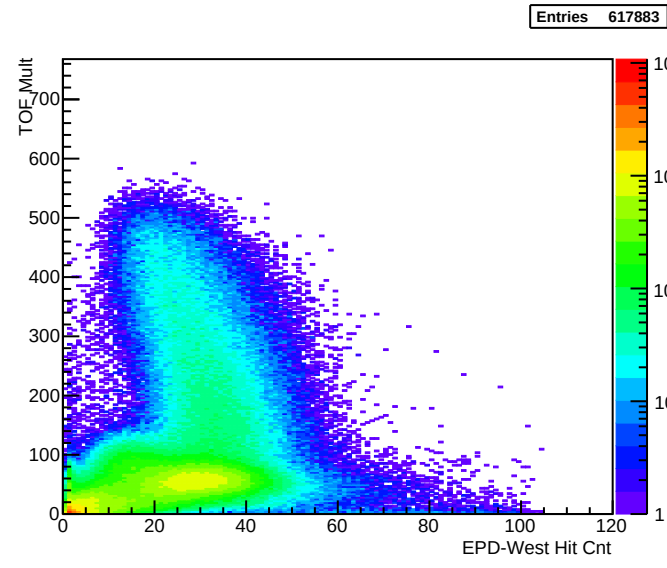

VT201 Input Ch4: VPD Adc Sum Th
Entries 1235766
325323
507912
292560
109971
East
West

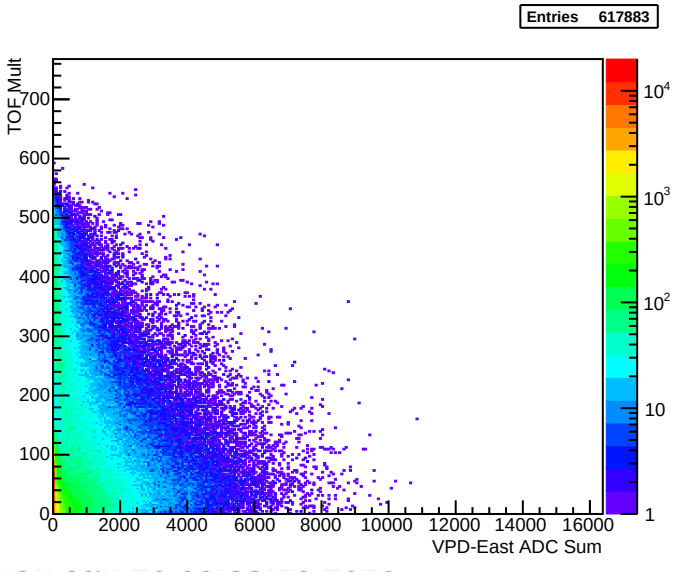

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

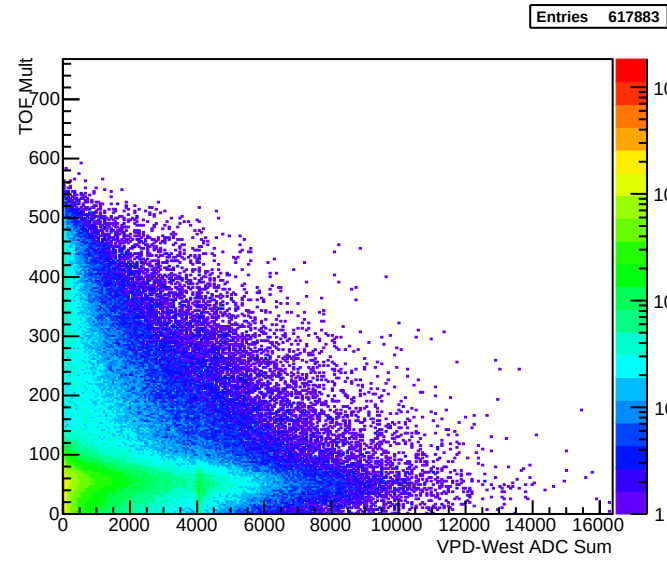

Entries 617883
TOF_Mult
BBC-S-East ADC Sum

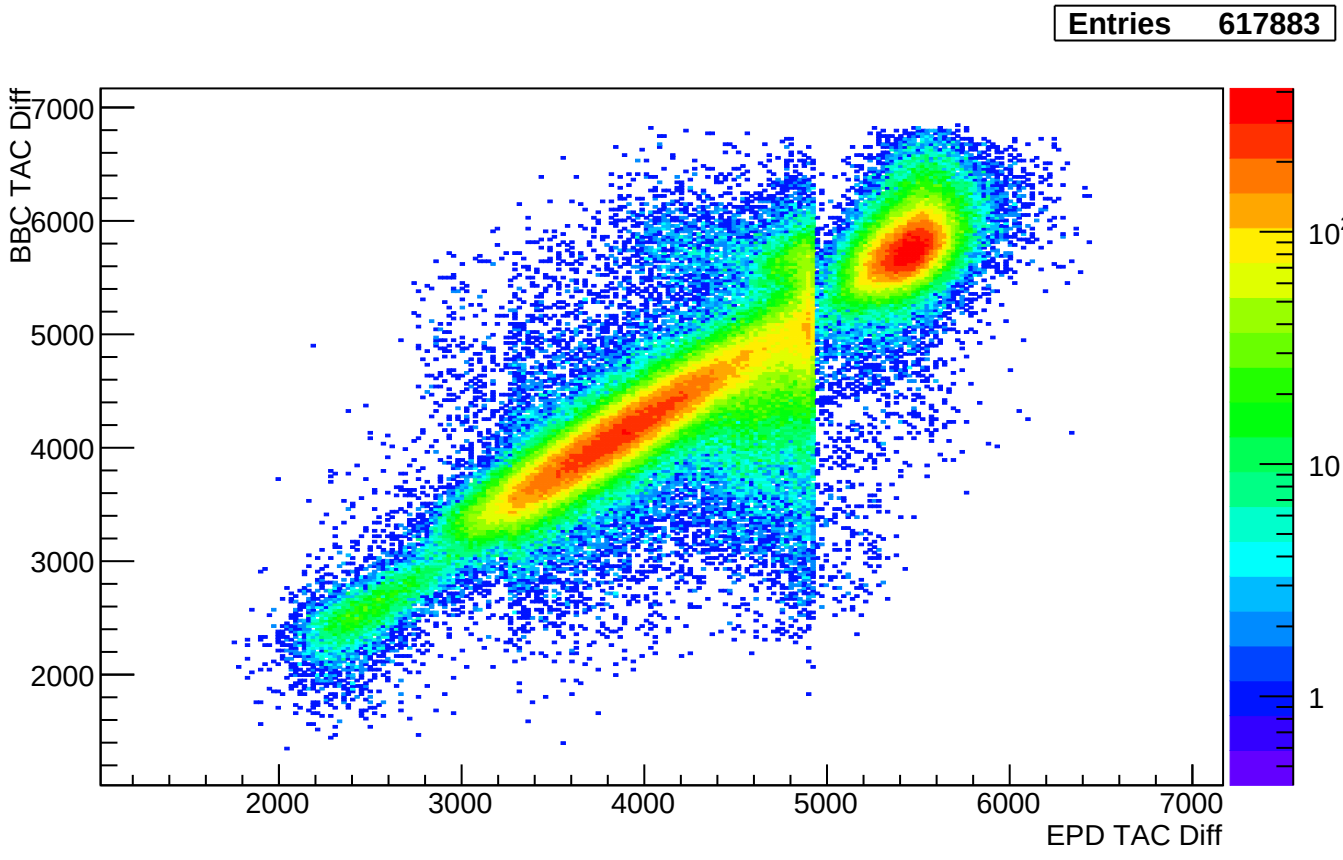

Entries 617883
TOF_Mult
BBC-S-West ADC Sum

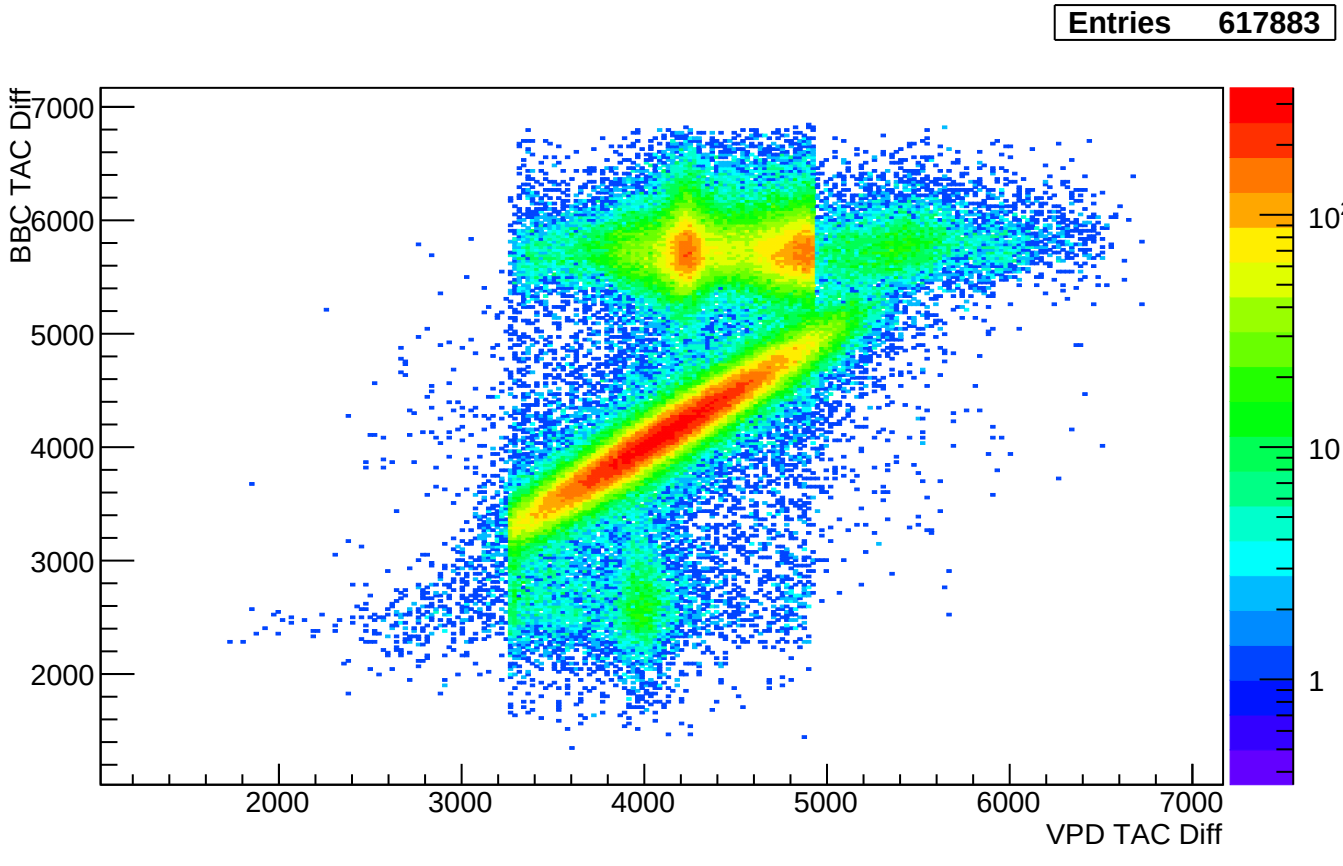

Entries 617883
TOF_Mult
EPD-East Hit Cnt

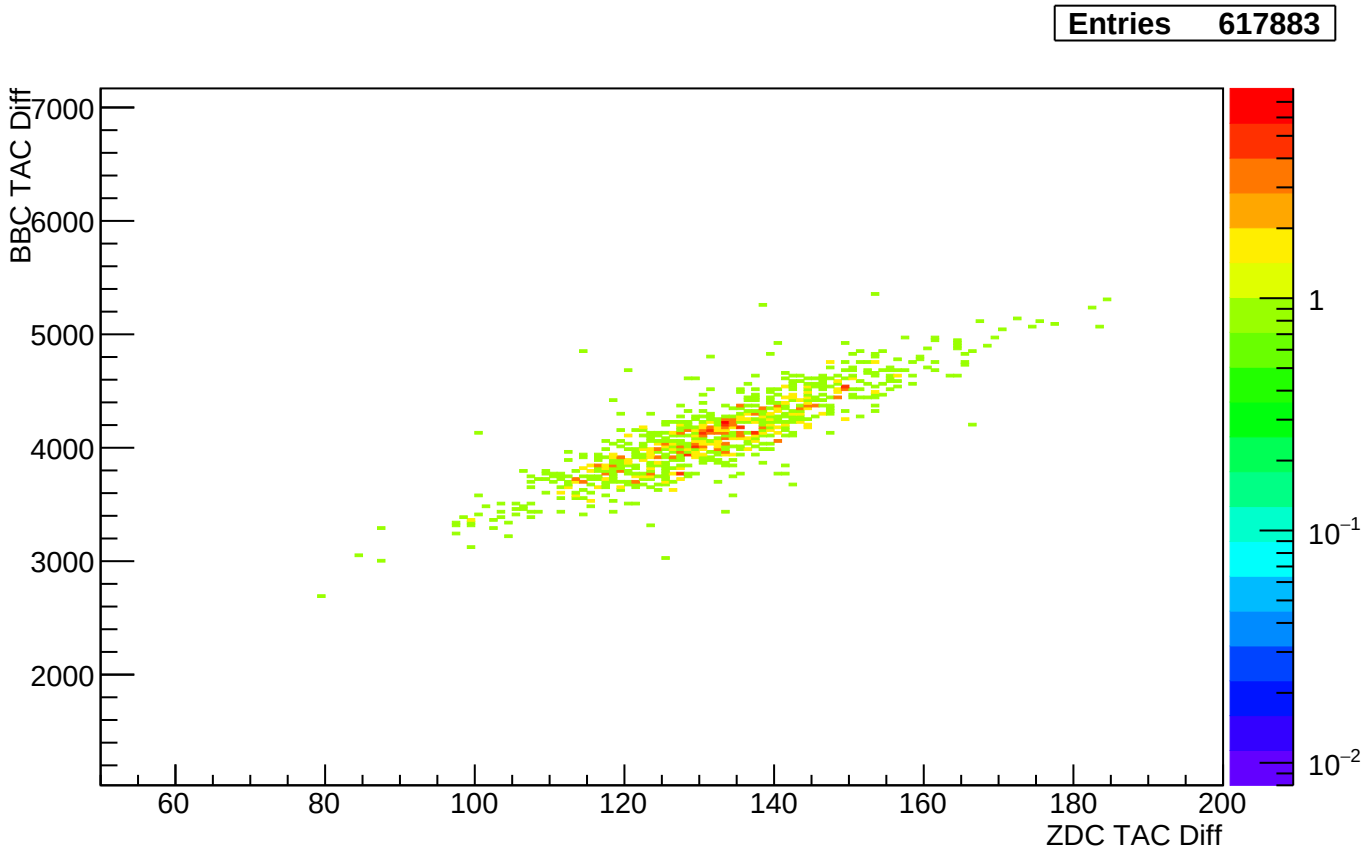

Entries 617883
TOF_Mult
EPD-West Hit Cnt

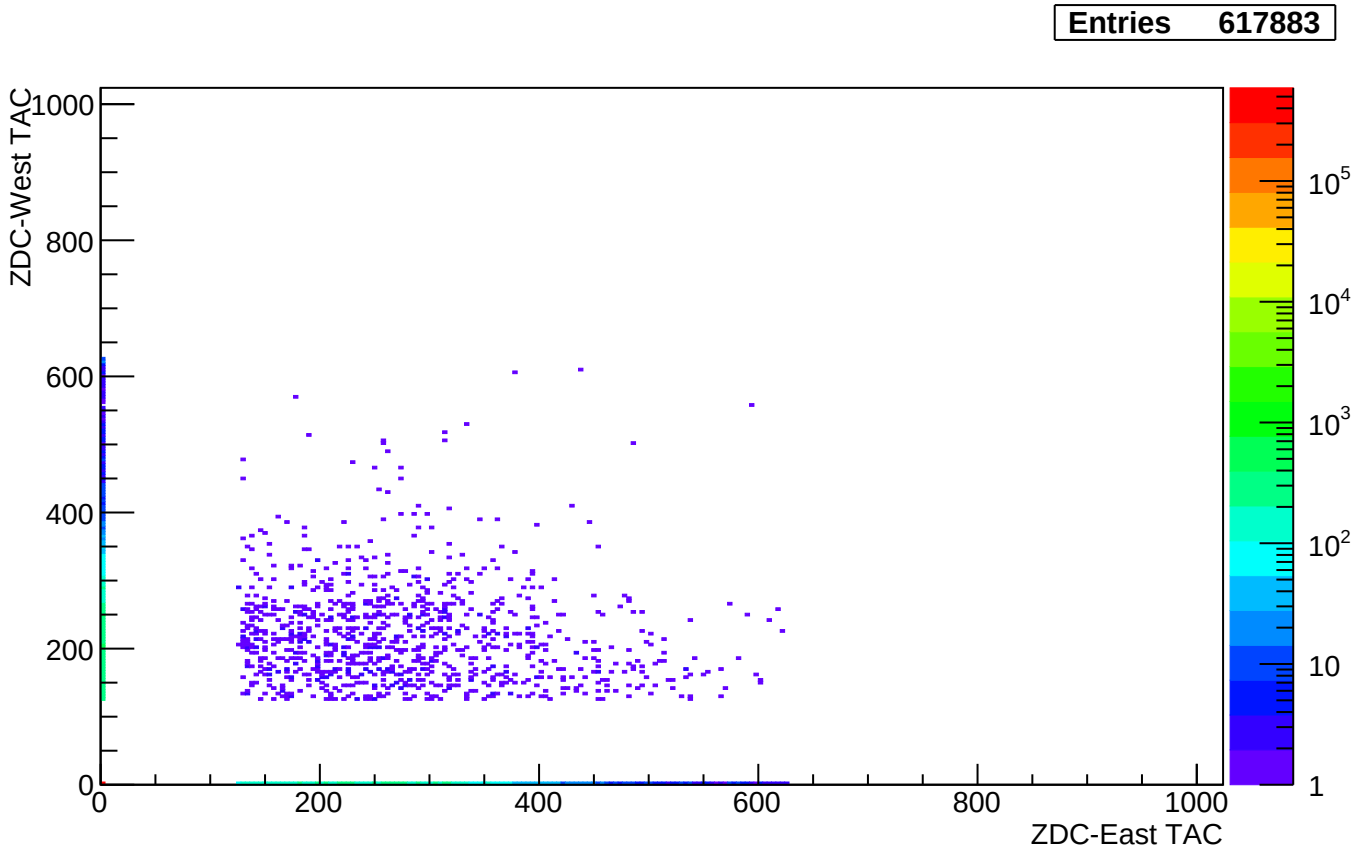

Entries 617883
TOF_Mult
VPD-East ADC Sum

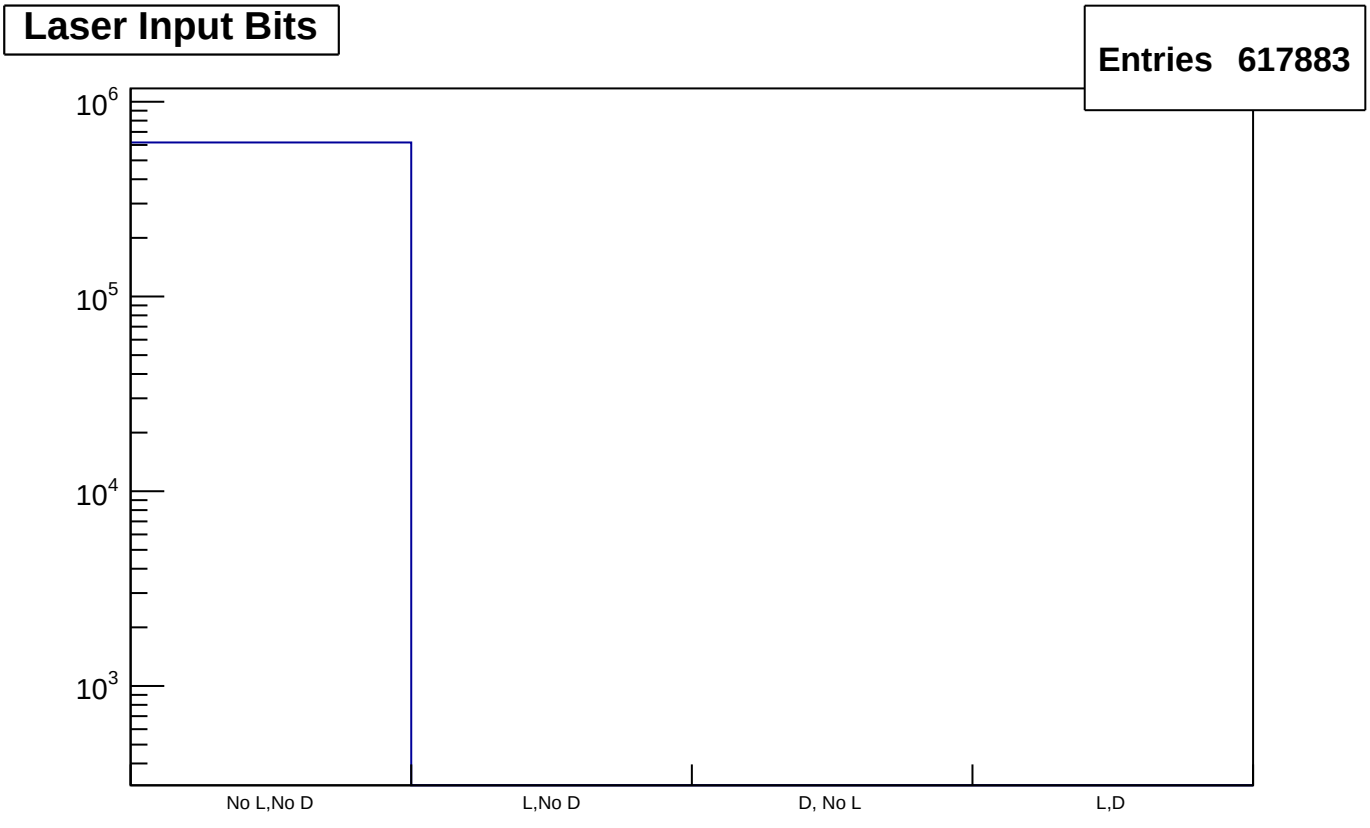

Entries 617883
TOF_Mult
VPD-West ADC Sum

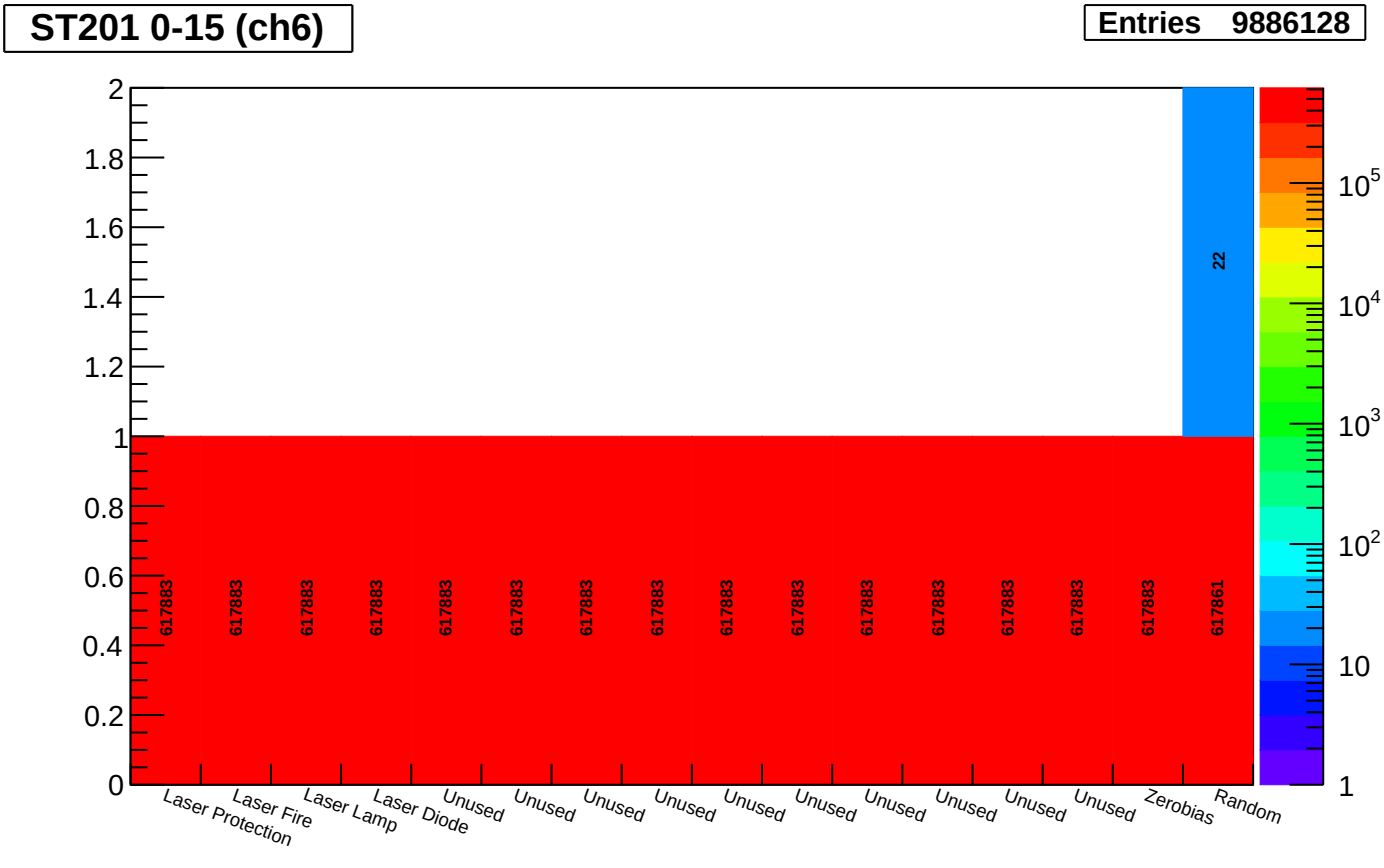

Entries 617883
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

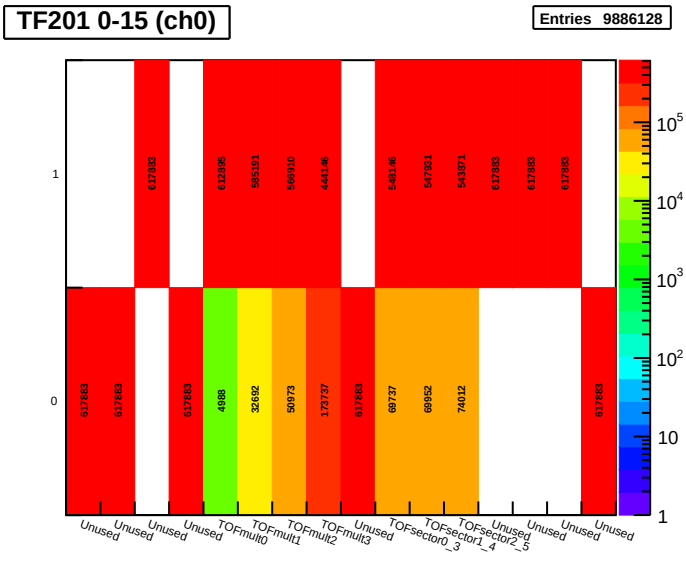

Entries 617883
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

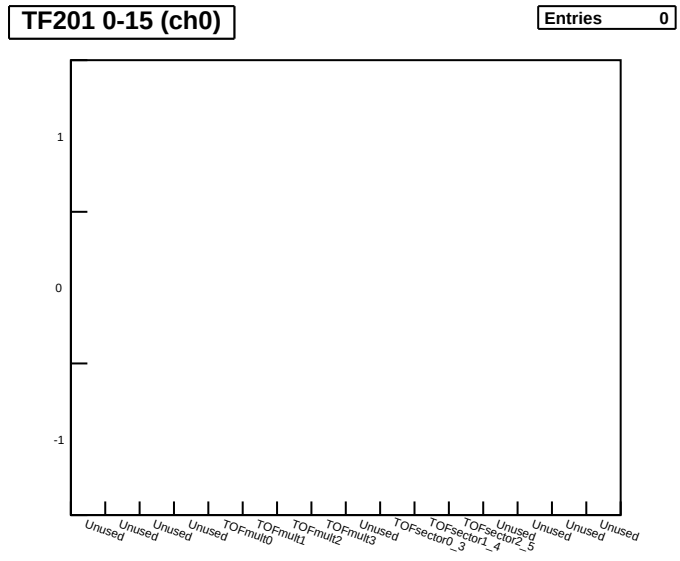

Entries 617883
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

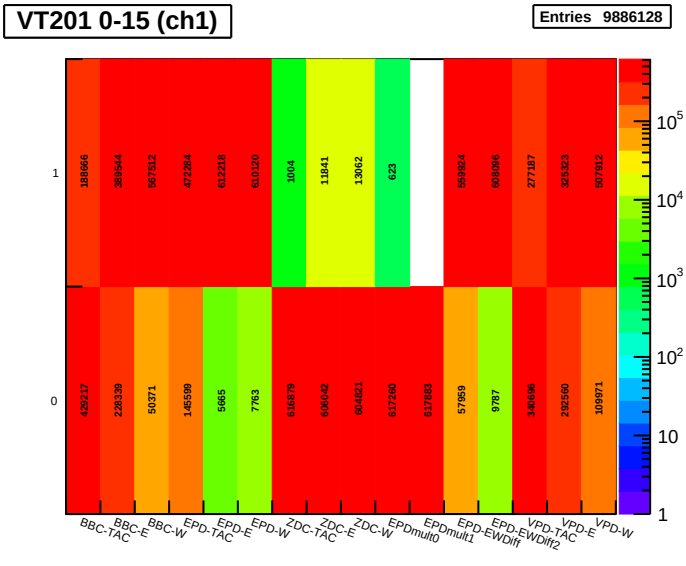

Entries 617883
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

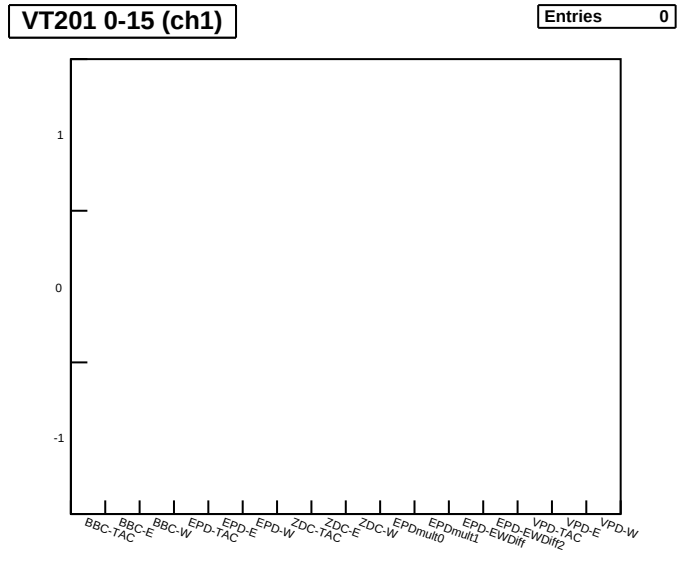

Laser Input Bits
Entries 617883
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

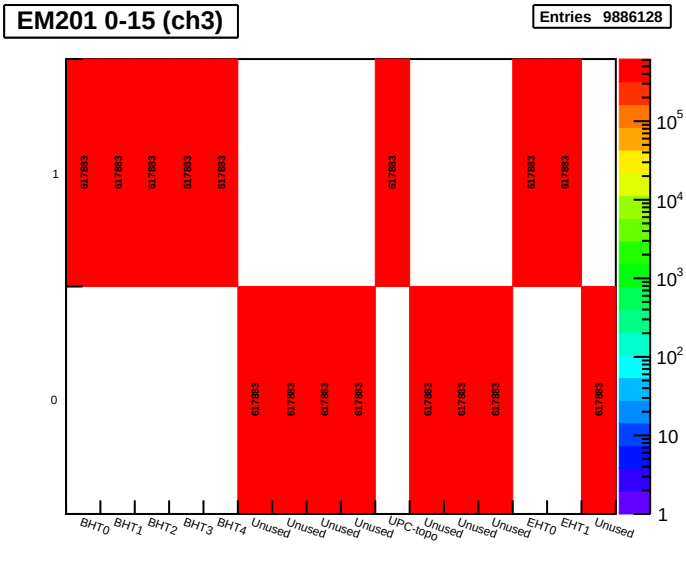

ST201 0-15 (ch6)
Entries 9886128
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
22
617883
617861
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

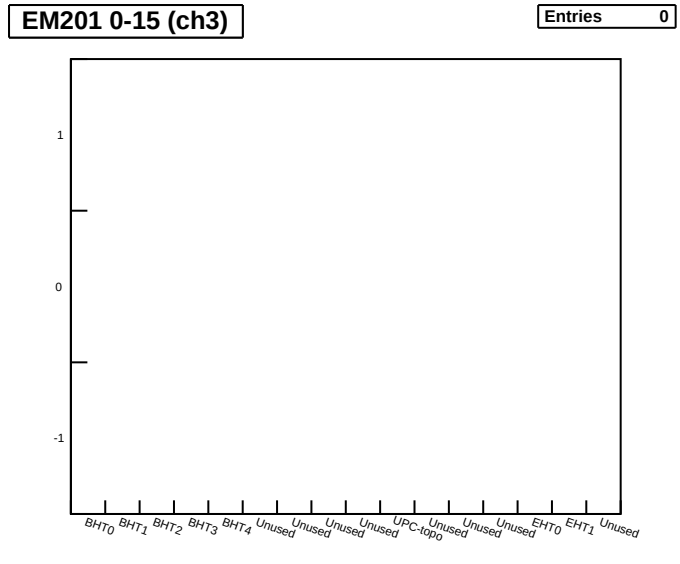

TF201 0-15 (ch0)
Entries 9886128
1
0
617883
612805
585191
566910
444146
548146
547931
543871
617883
617883
617883
617883
617883
617883
4988
32692
50973
173737
617883
69737
69952
74012
617883
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 9886128
1
0
188666
389544
567512
472284
612218
610120
1004
11841
13062
623
559924
608096
277187
325323
507912
429217
228339
50371
145599
5665
7763
616879
606042
604321
617260
617883
57959
9787
340696
292560
109971
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 9886128
1
0
617883
617883
617883
617883
617883
617883
617883
617883
617883
617883
617883
617883
617883
617883
617883
617883
617883
617883
617883
617883
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1