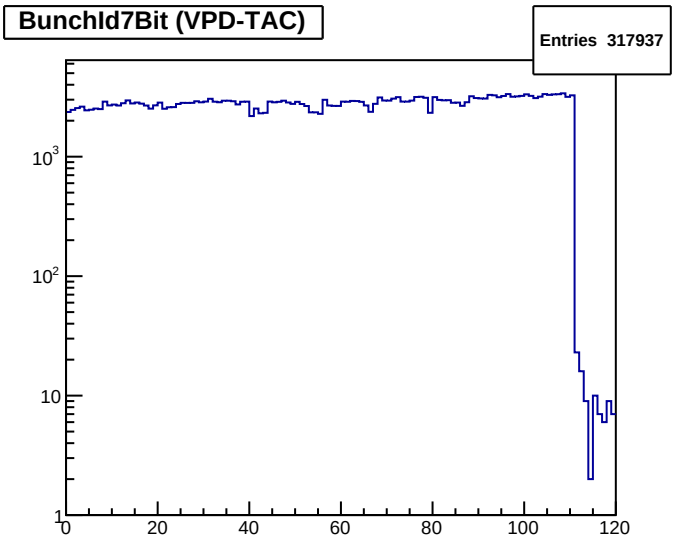
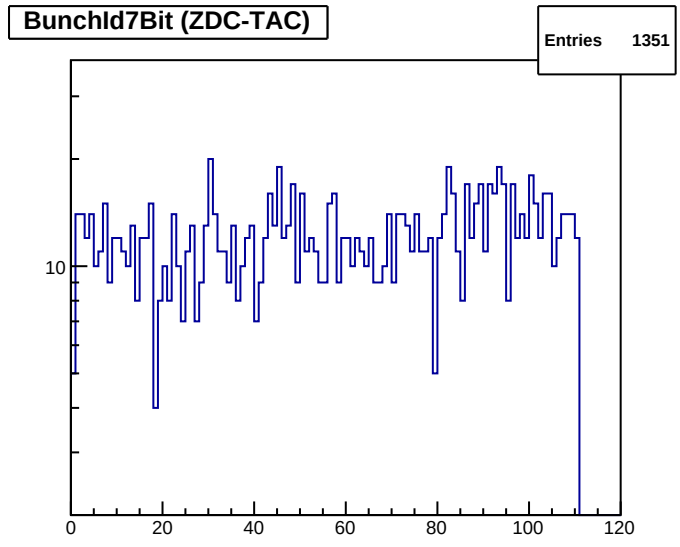
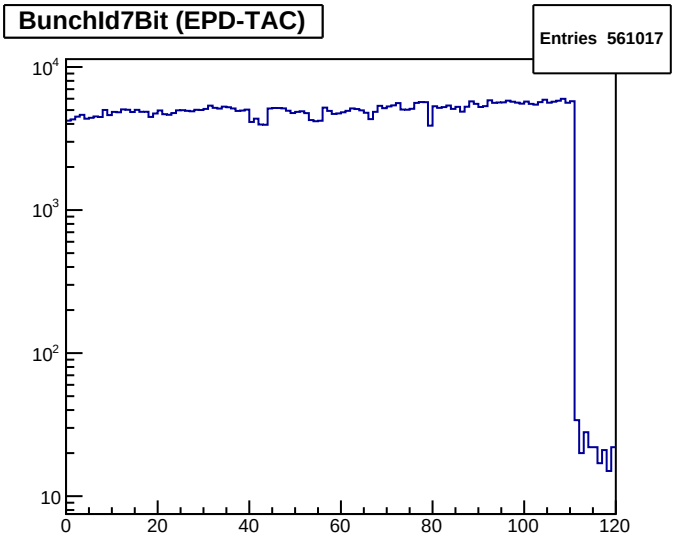
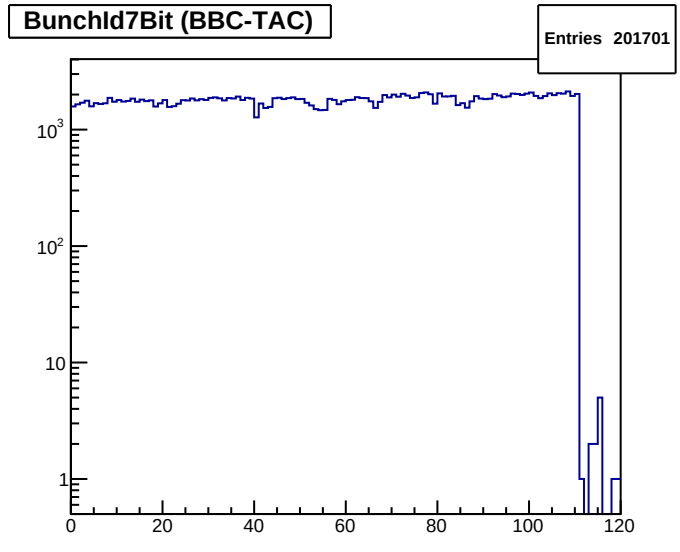
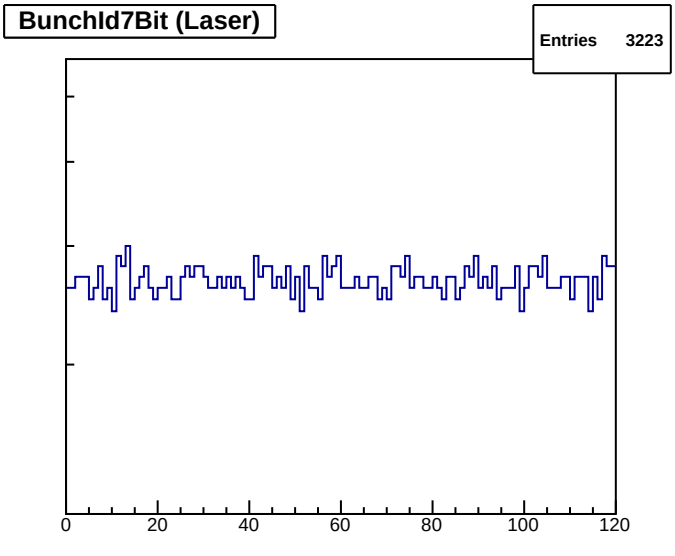
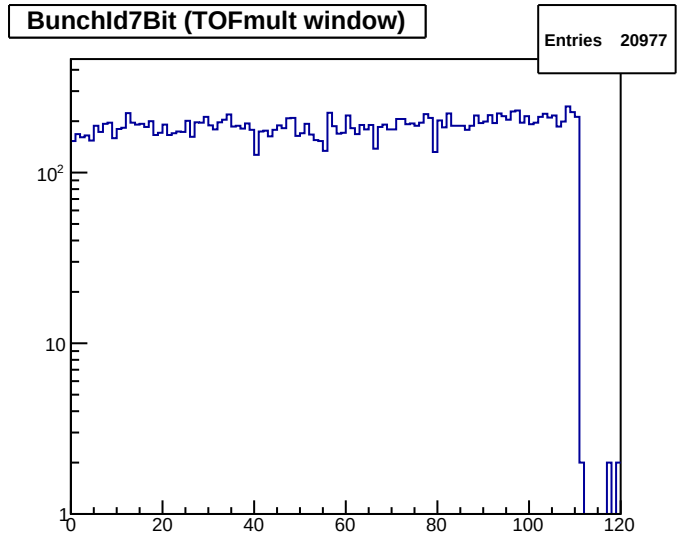

BunchId7Bit (VPD-TAC)
Entries 317937

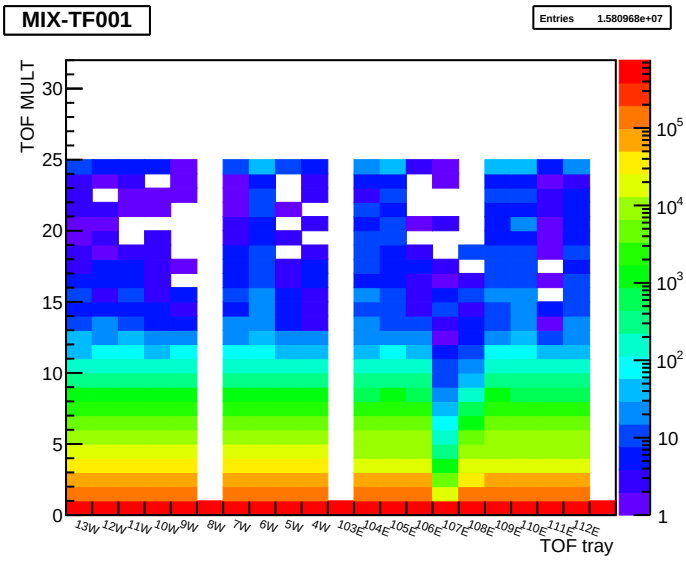

BunchId7Bit (ZDC-TAC)
Entries 1351

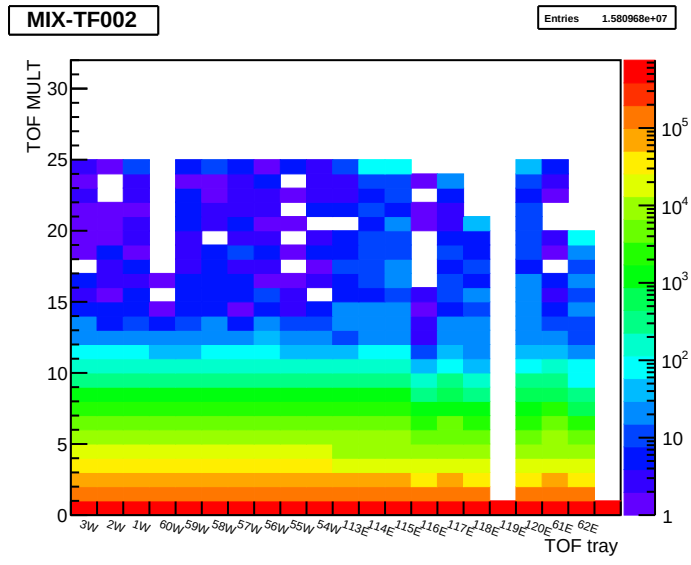

BunchId7Bit (EPD-TAC)
Entries 561017

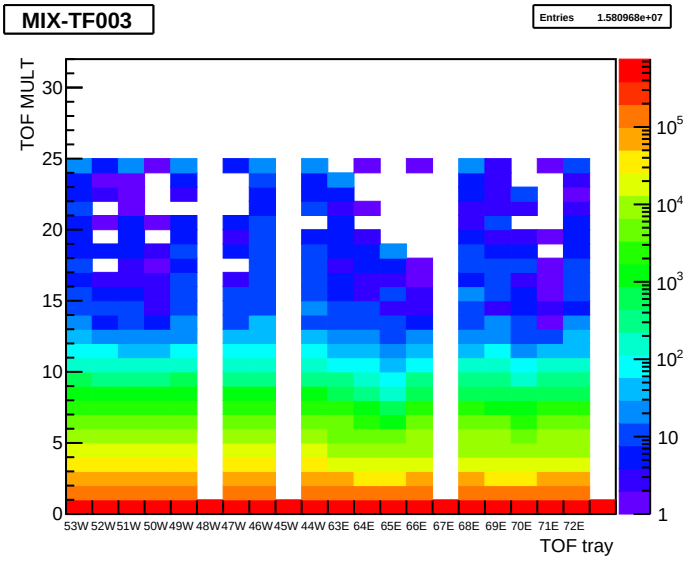

BunchId7Bit (BBC-TAC)
Entries 201701

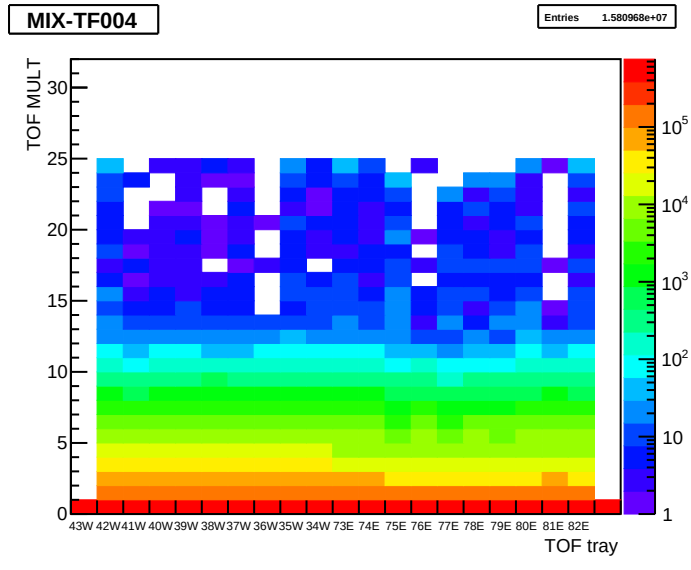

BunchId7Bit (Laser)
Entries 3223

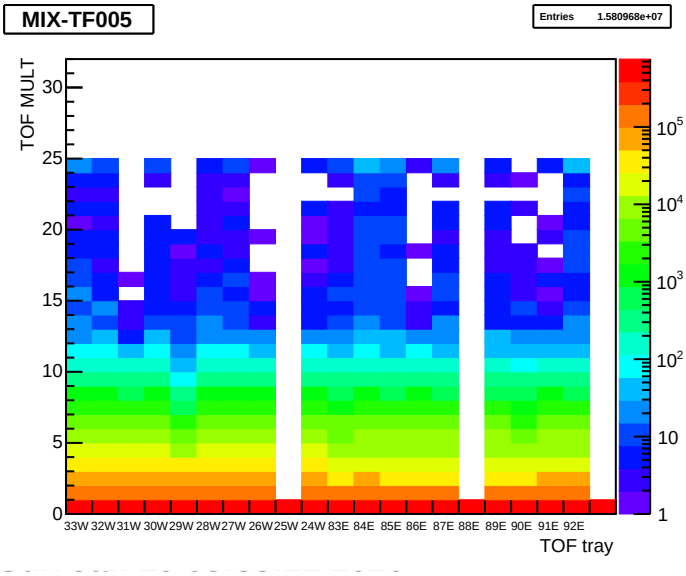

BunchId7Bit (TOFmult window)
Entries 20977

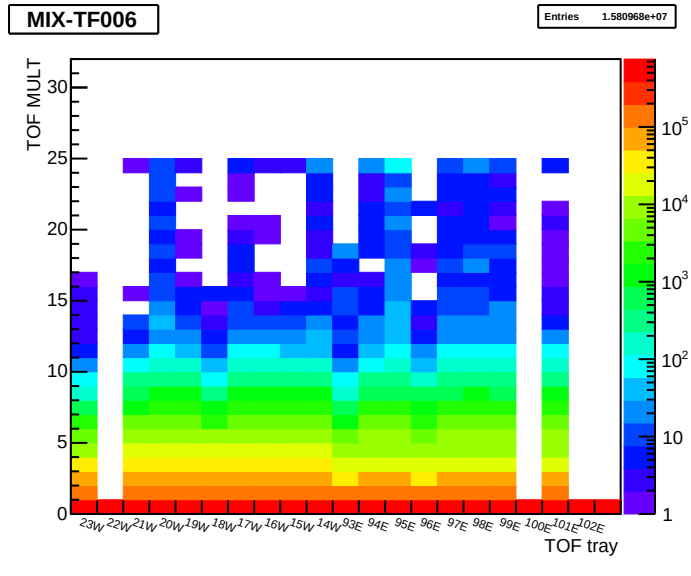

MIX-TF001
Entries 1.580968e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

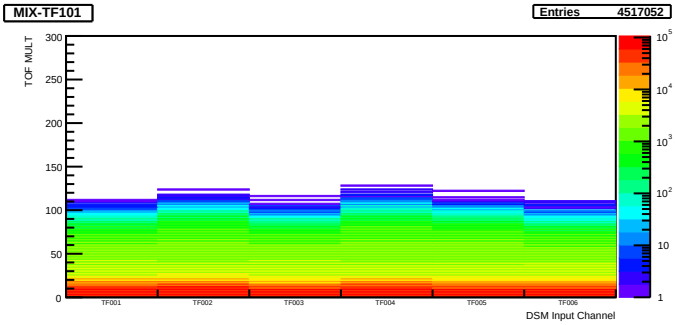

MIX-TF002
Entries 1.580968e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

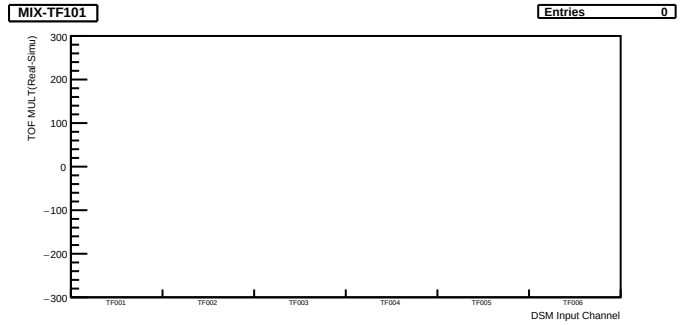

MIX-TF003
Entries 1.580968e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

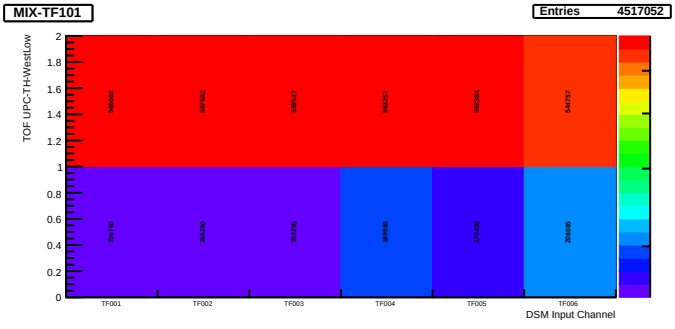

MIX-TF004
Entries 1.580968e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

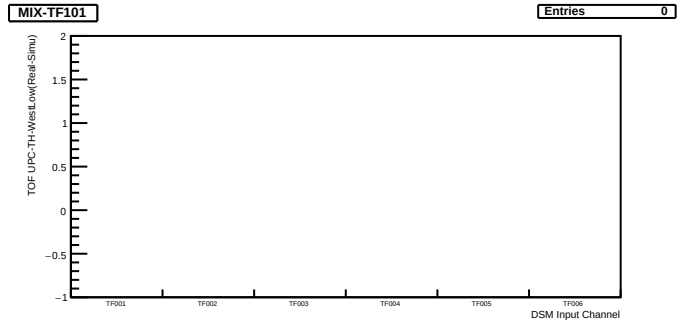

MIX-TF005
Entries 1.580968e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

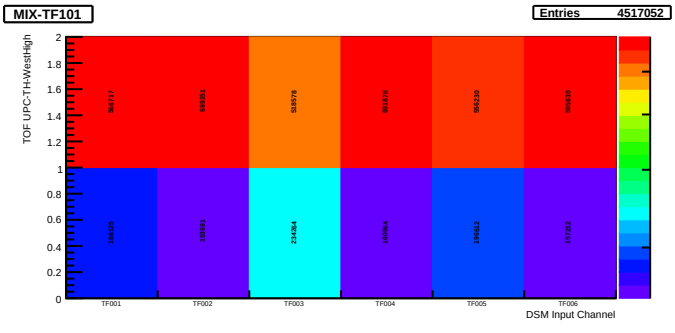

MIX-TF006
Entries 1.580968e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

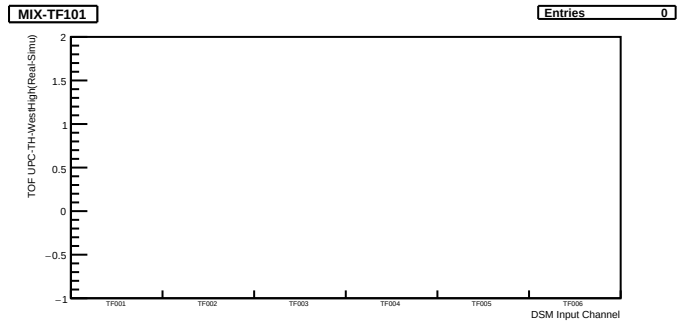

MIX-TF101
Entries 4517052
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

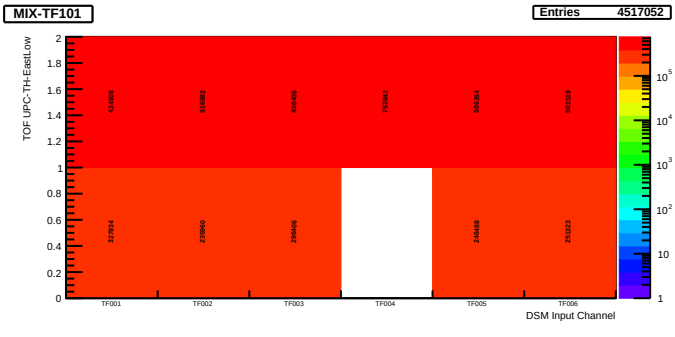

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

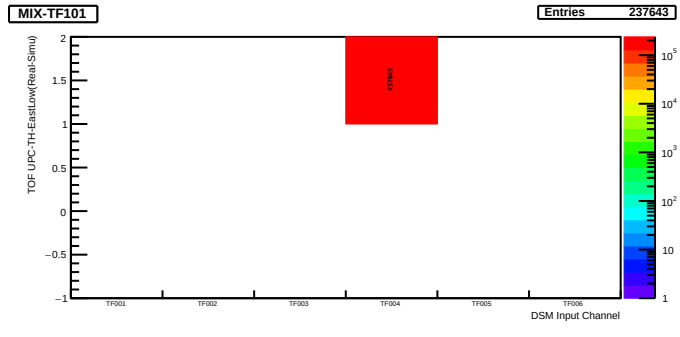

MIX-TF101
Entries 4517052
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

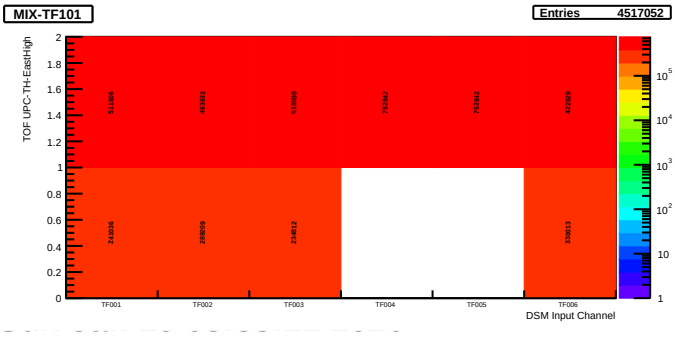

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

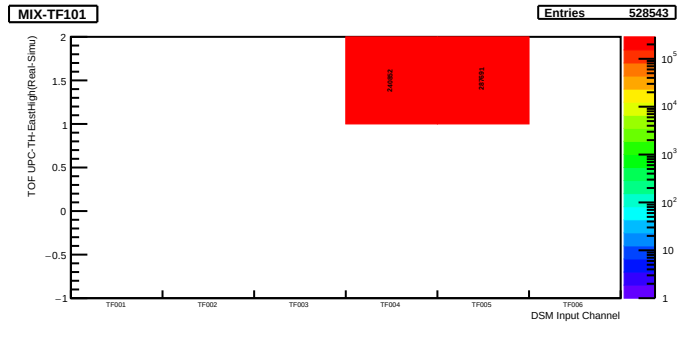

MIX-TF101
Entries 4517052
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

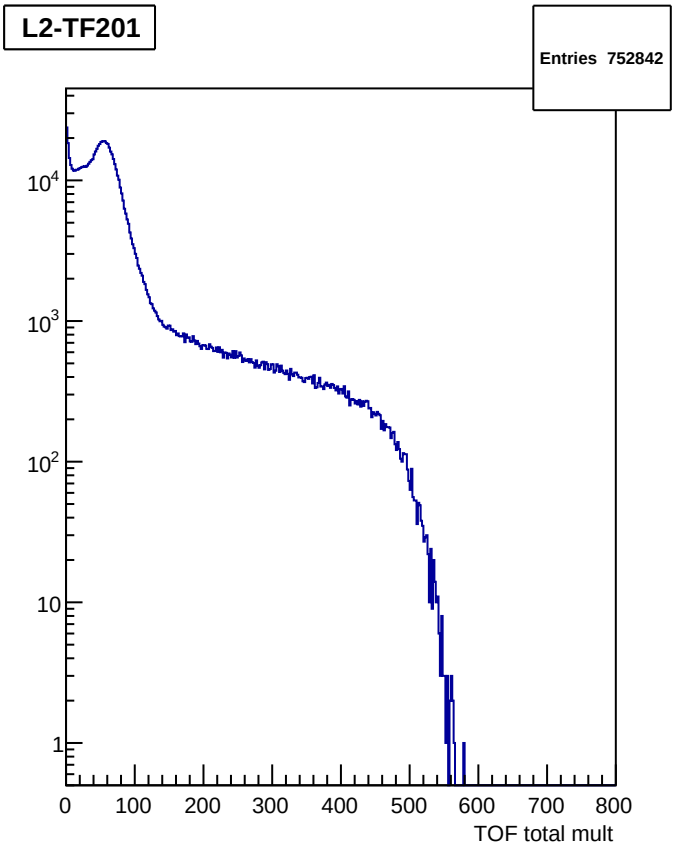

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

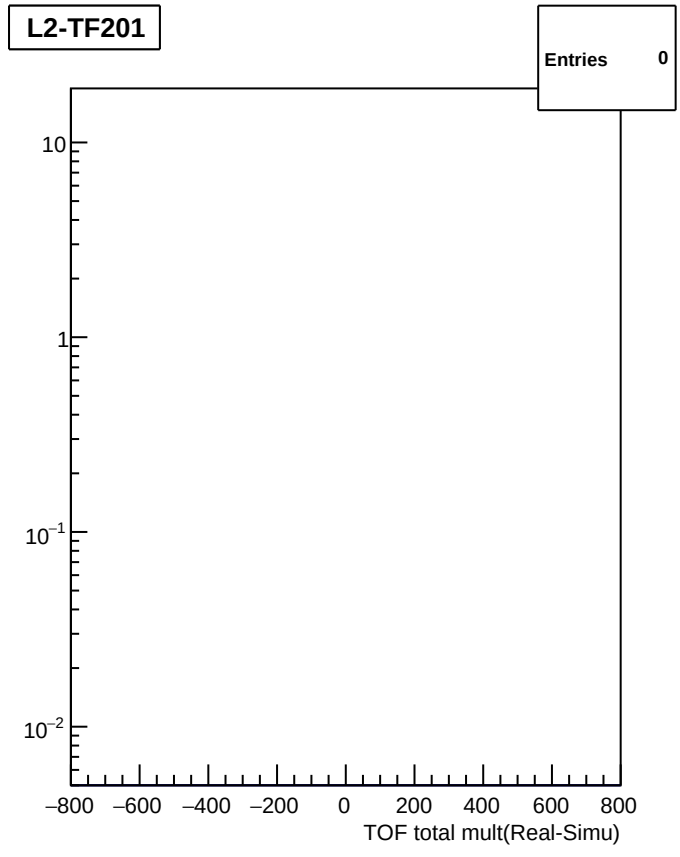

MIX-TF101
Entries 4517052
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

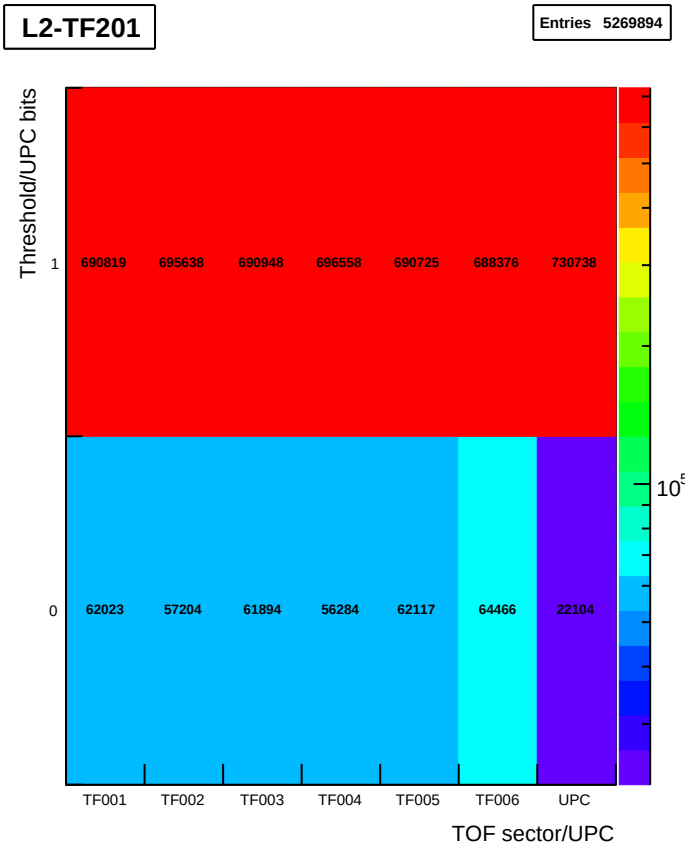

MIX-TF101
Entries 237643
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

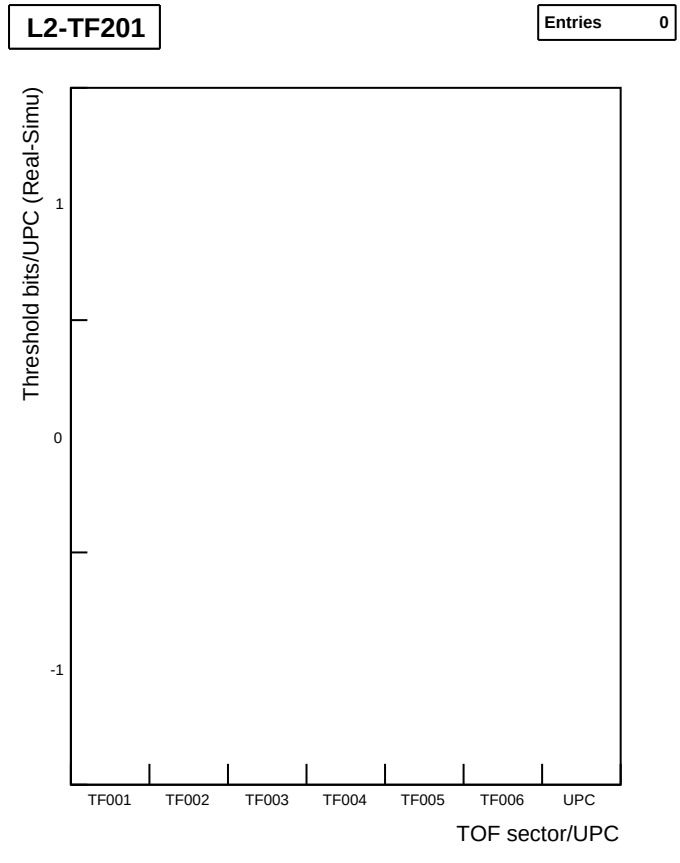

MIX-TF101
Entries 4517052
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

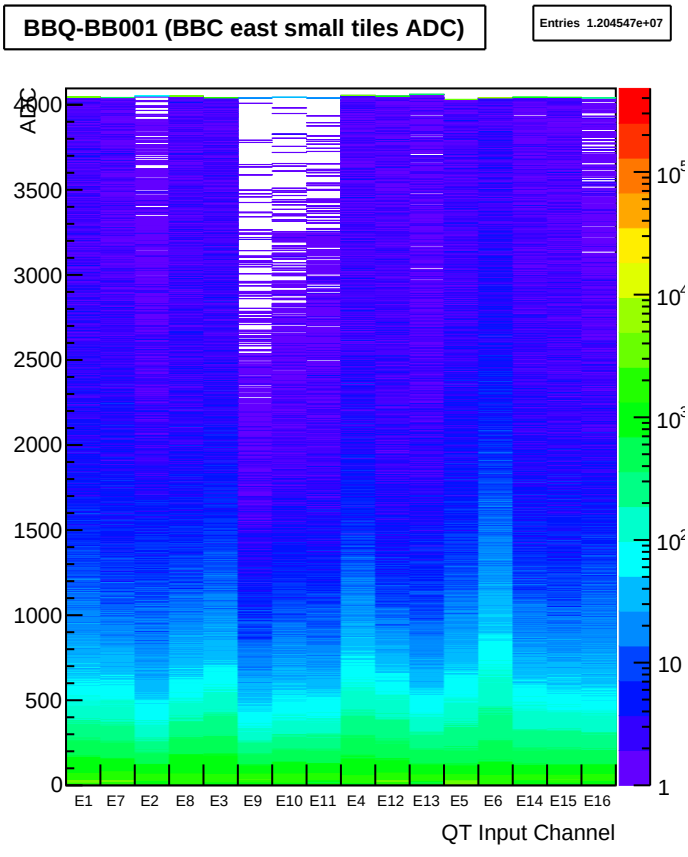

MIX-TF101
Entries 528543
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

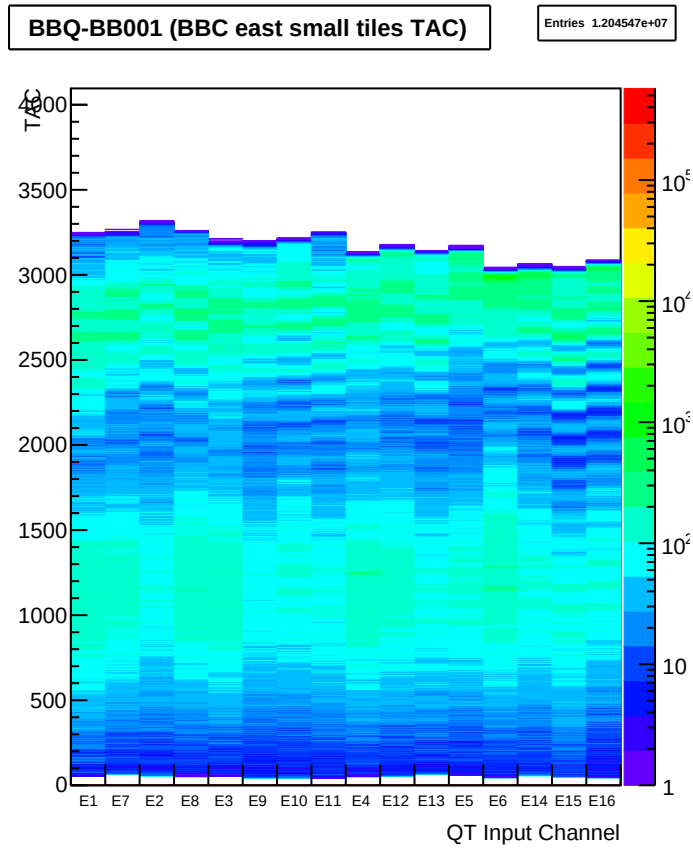

L2-TF201
Entries 752842
TOF total mult

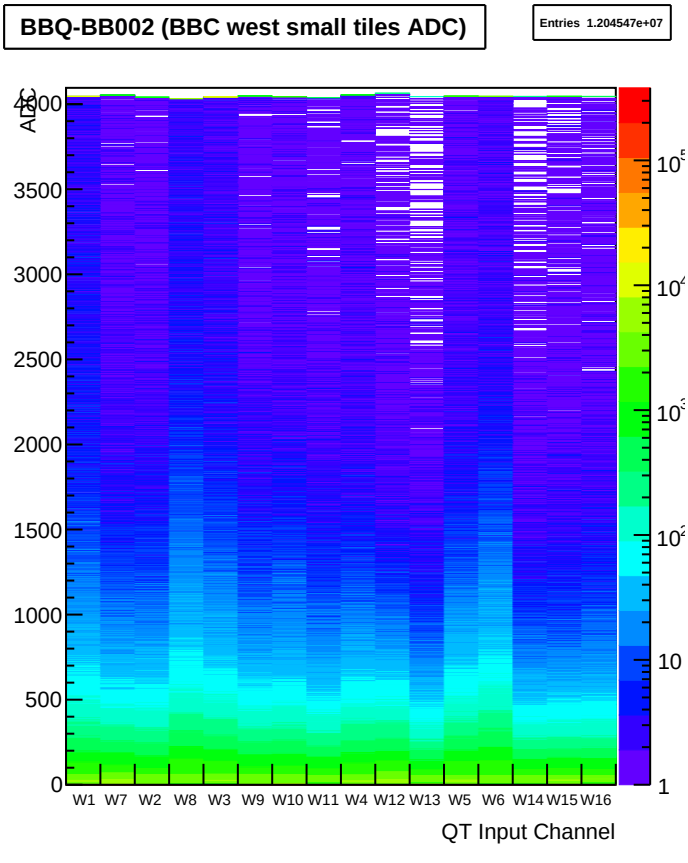

L2-TF201
Entries 0
TOF total mult(Real-Simu)

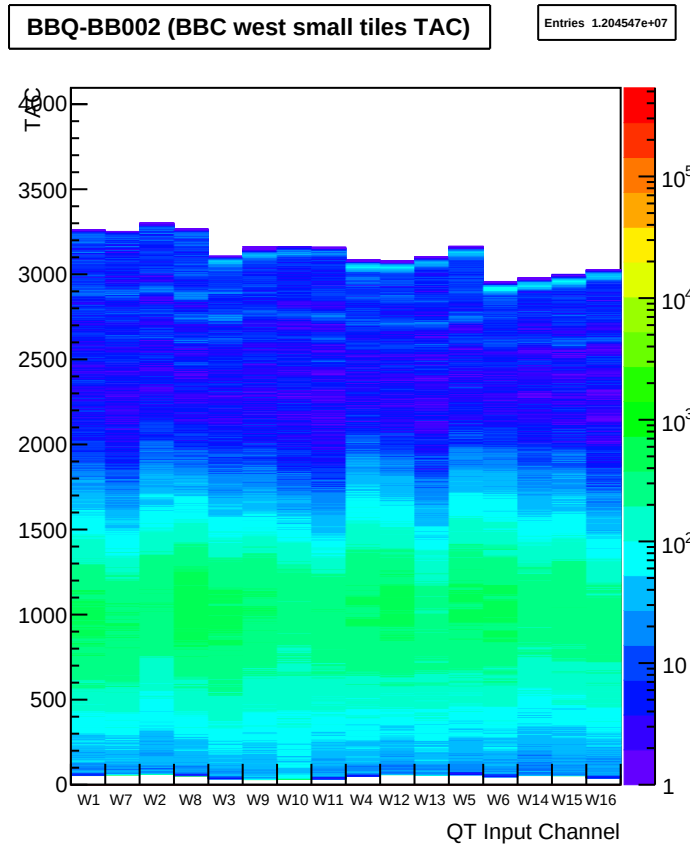

L2-TF201
Entries 5269894
Threshold/UPC bits
690819
695638
690948
696558
690725
688376
730738
62023
57204
61894
56284
62117
64466
22104
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

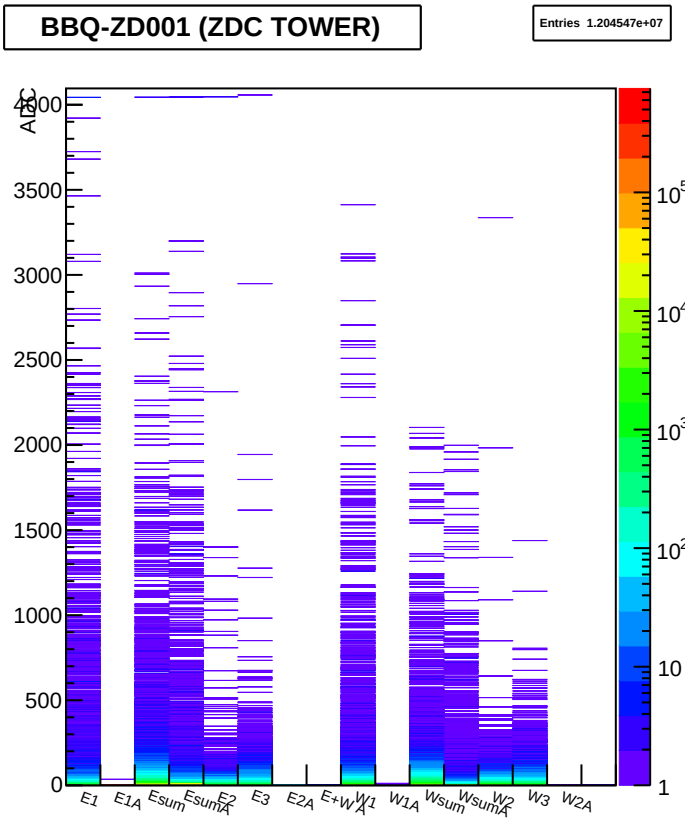

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

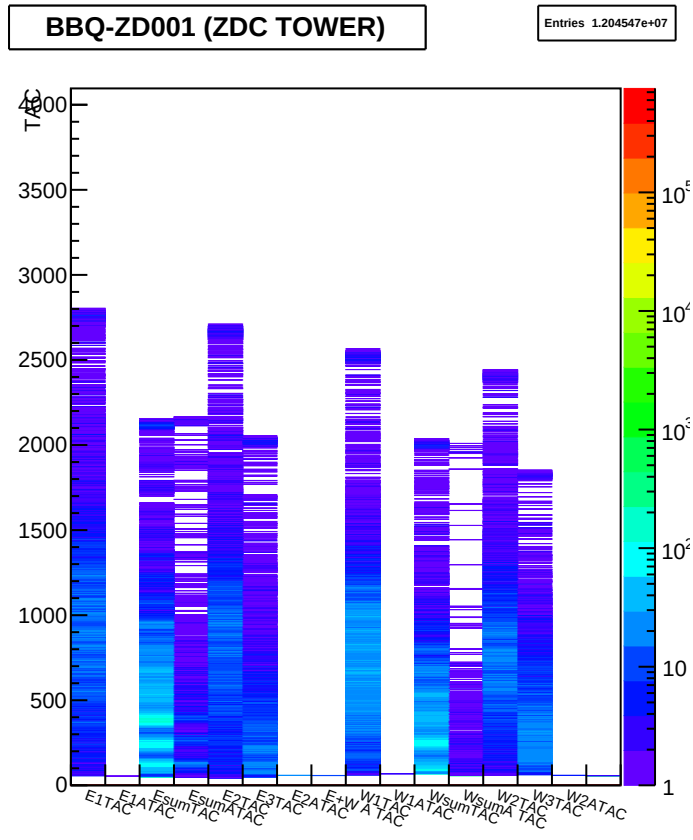

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.204547e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

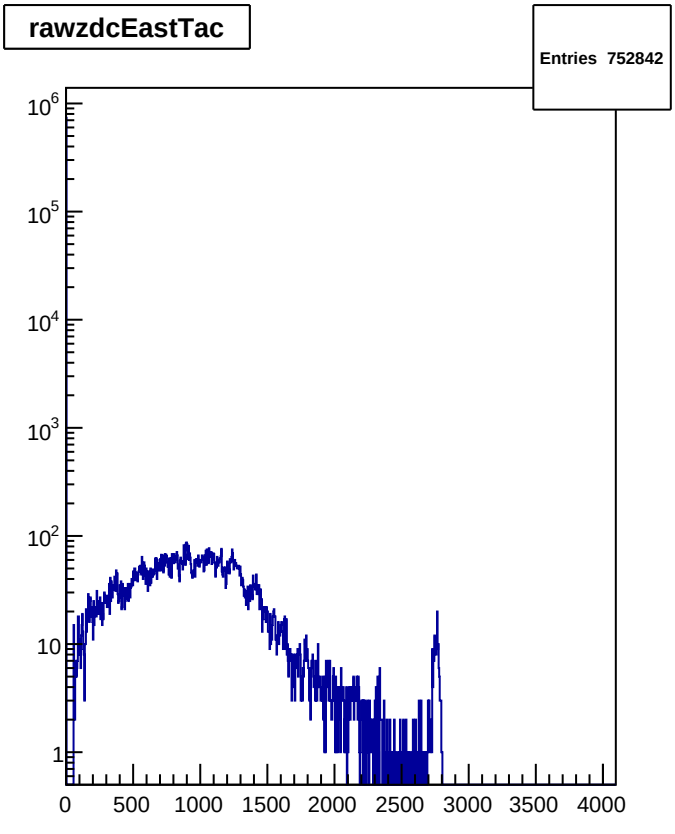

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.204547e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

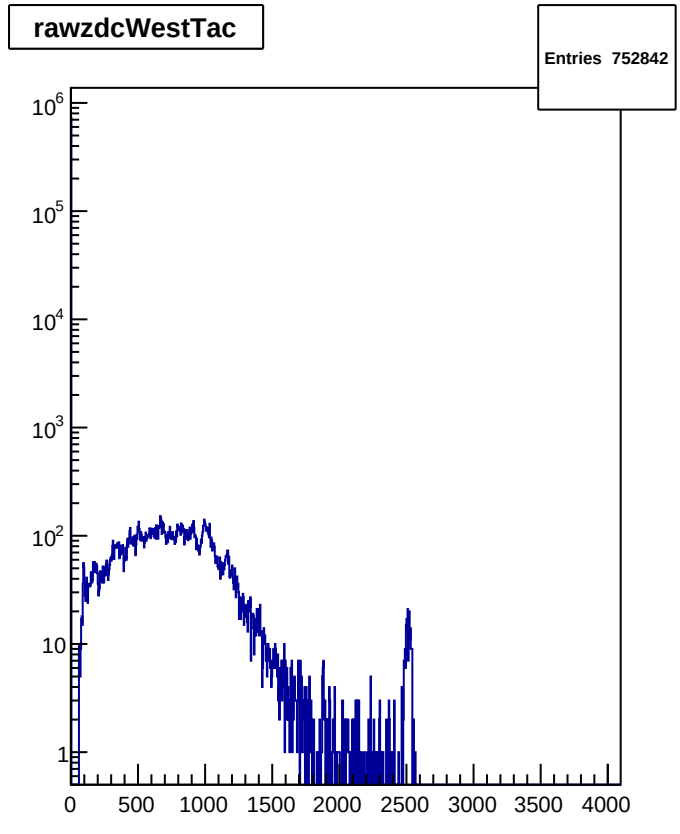

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.204547e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

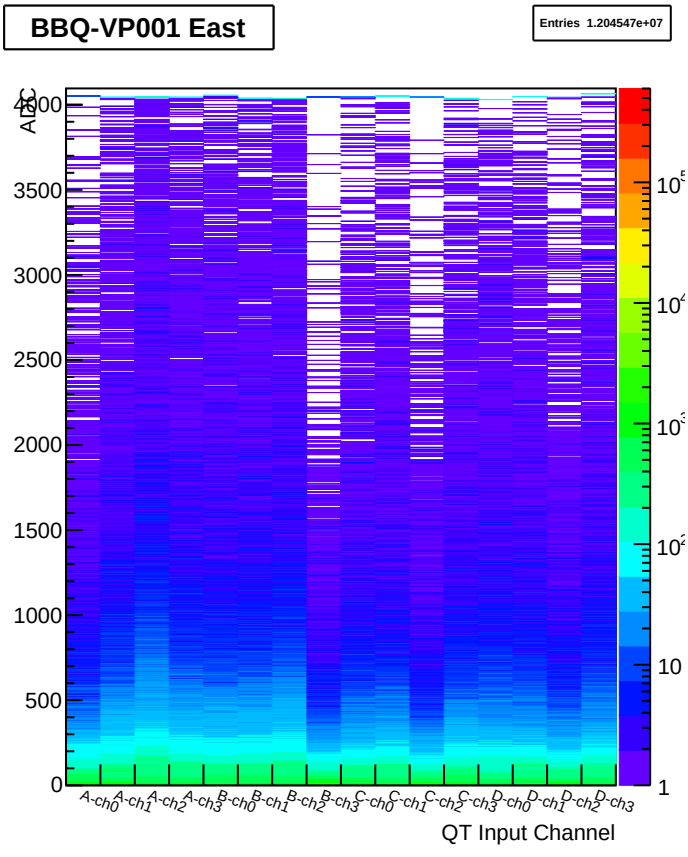

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.204547e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

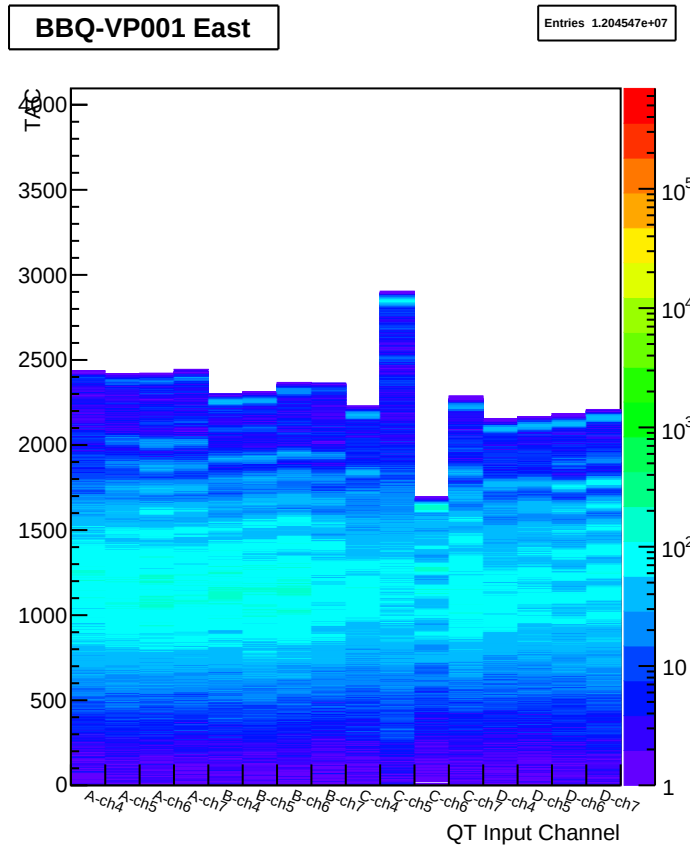

BBQ-ZD001 (ZDC TOWER)
Entries 1.204547e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

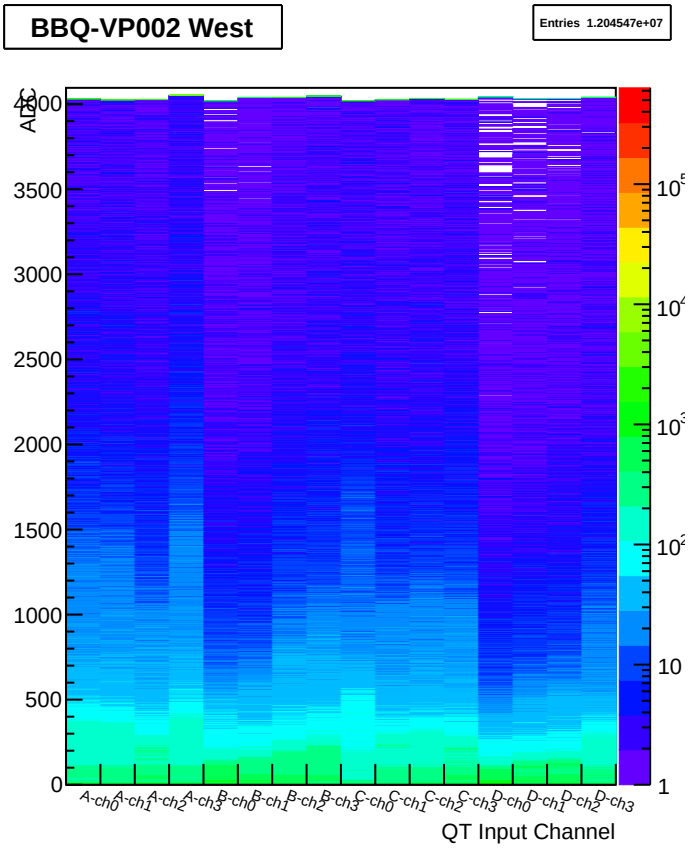

BBQ-ZD001 (ZDC TOWER)
Entries 1.204547e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

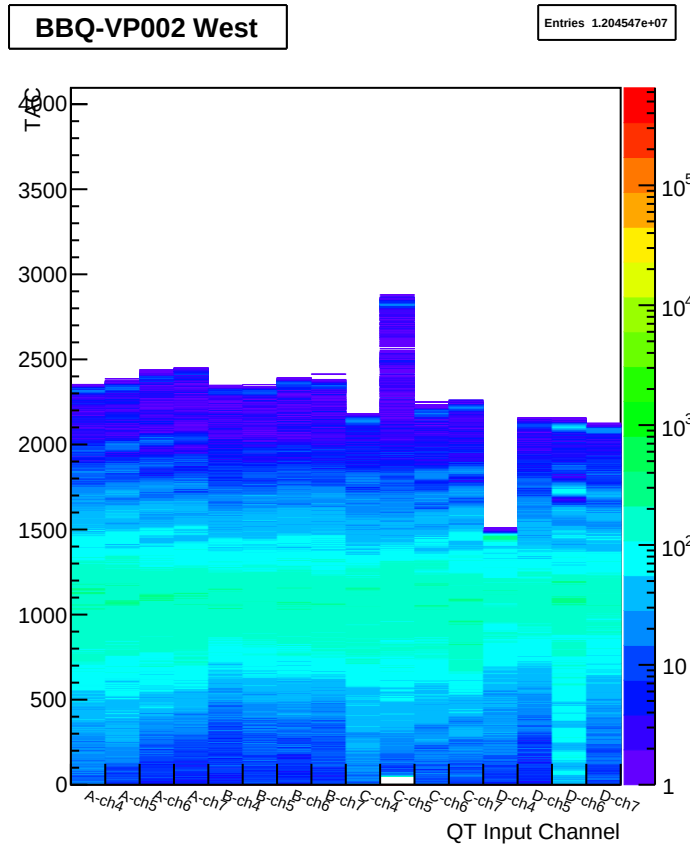

rawzdcEastTac
Entries 752842

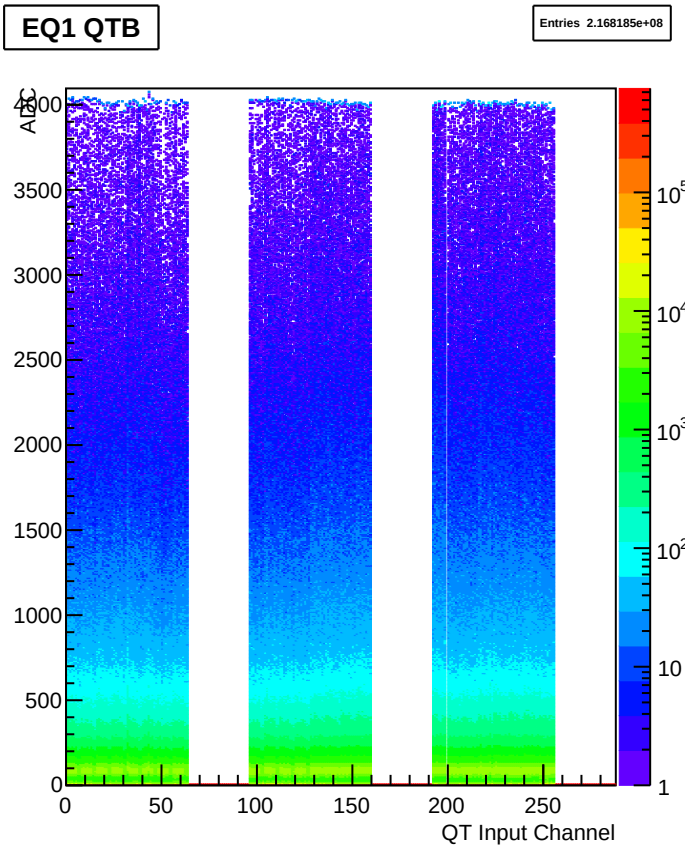

rawzdcWestTac
Entries 752842

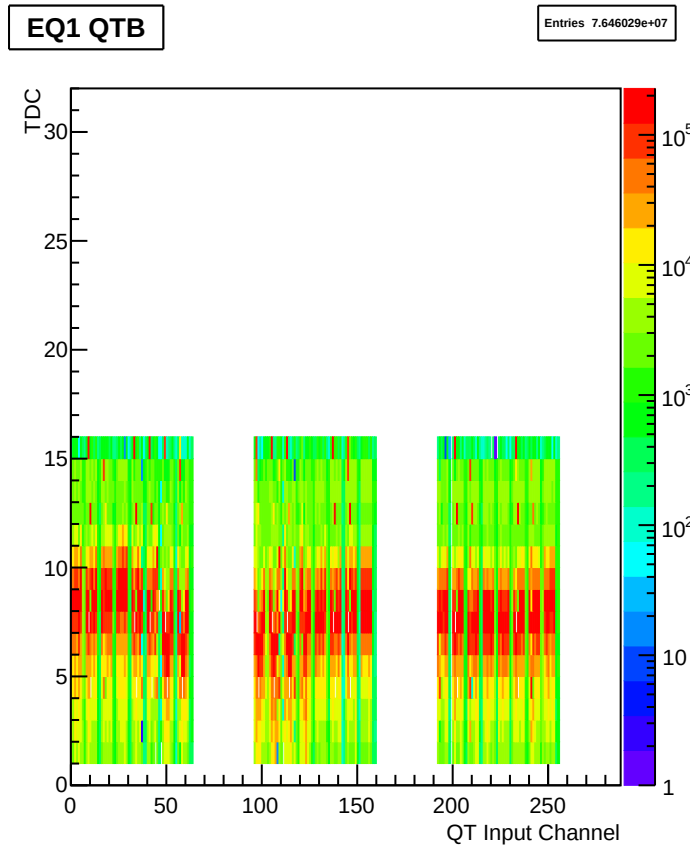

BBQ-VP001 East
Entries 1.204547e+07
ADC
QT Input Channel

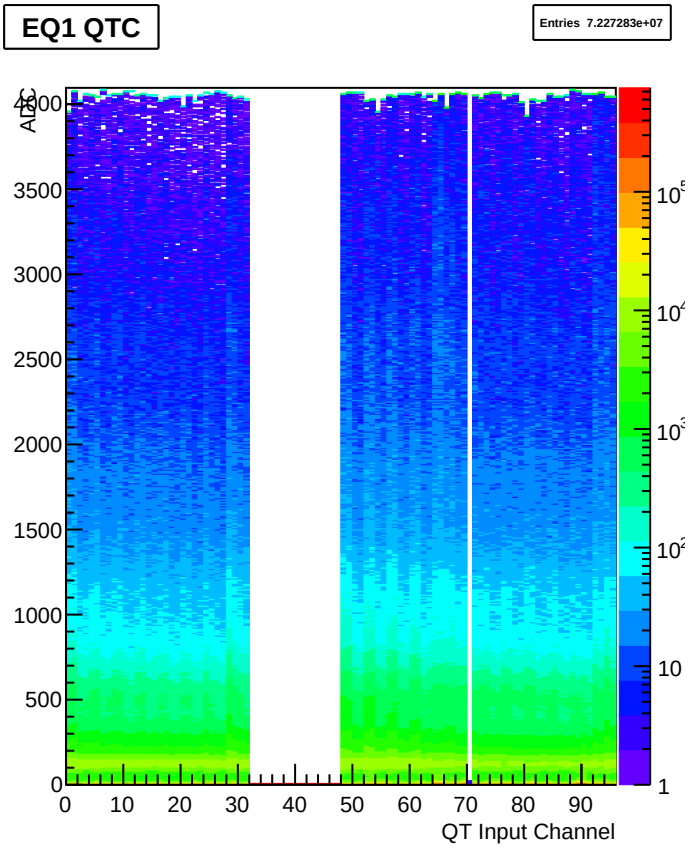

BBQ-VP001 East
Entries 1.204547e+07
TAC
QT Input Channel

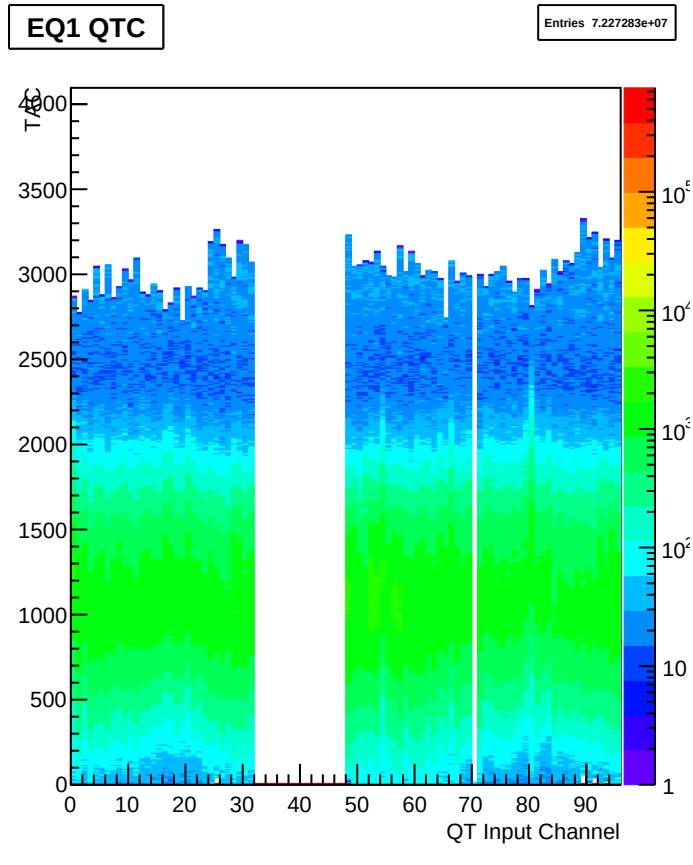

BBQ-VP002 West
Entries 1.204547e+07
ADC
QT Input Channel

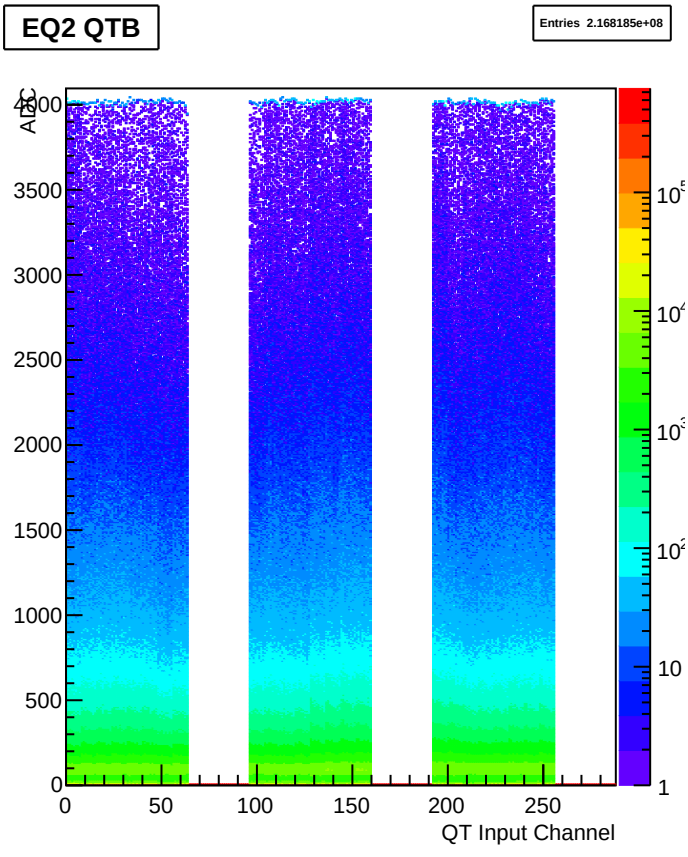

BBQ-VP002 West
Entries 1.204547e+07
TAC
QT Input Channel

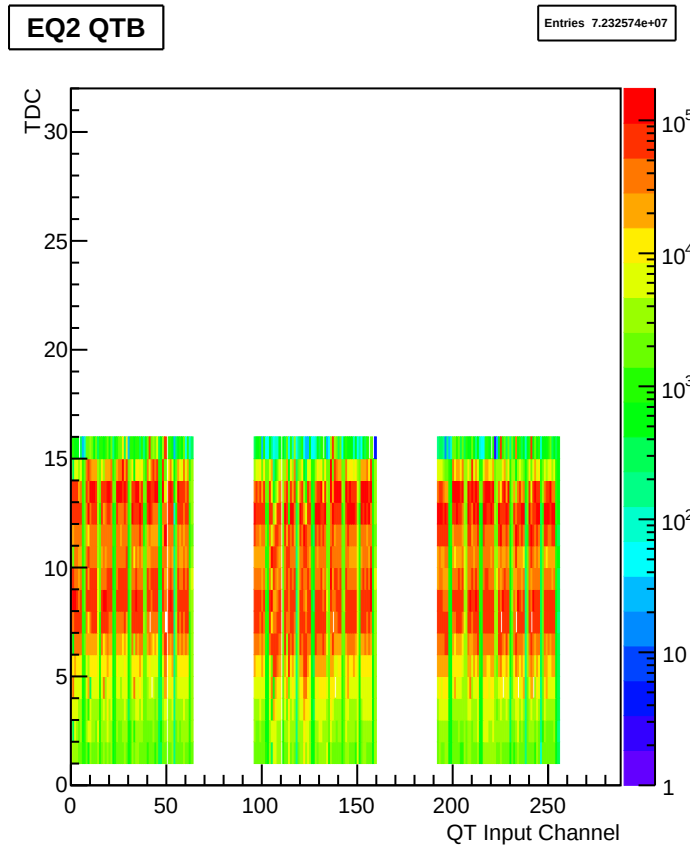

EQ1 QTB
Entries 2.168185e+08
ADC
QT Input Channel

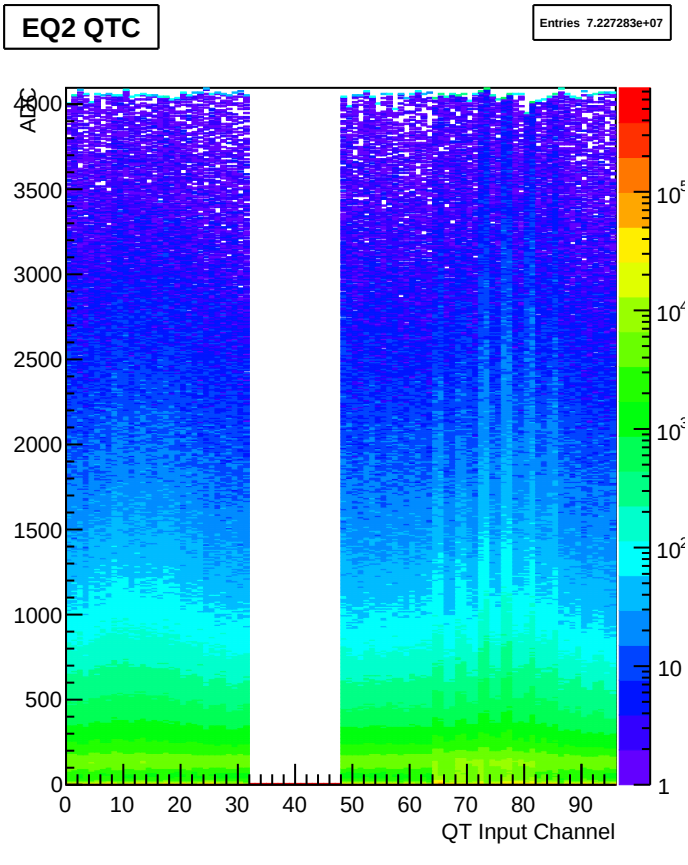

EQ1 QTB
Entries 7.646029e+07
TDC
QT Input Channel

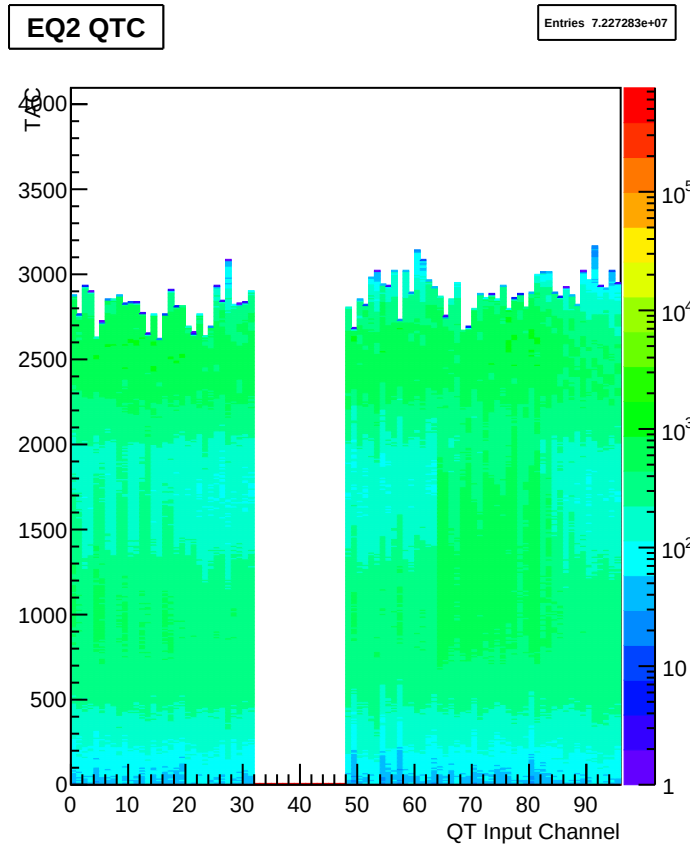

EQ1 QTC
Entries 7.227283e+07
ADC
QT Input Channel

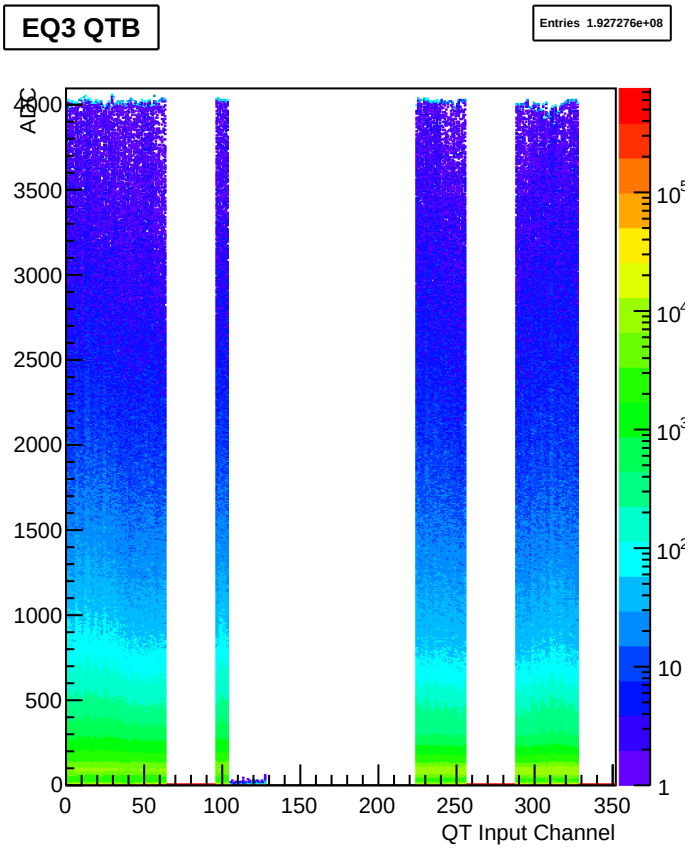

EQ1 QTC
Entries 7.227283e+07
TADC
QT Input Channel

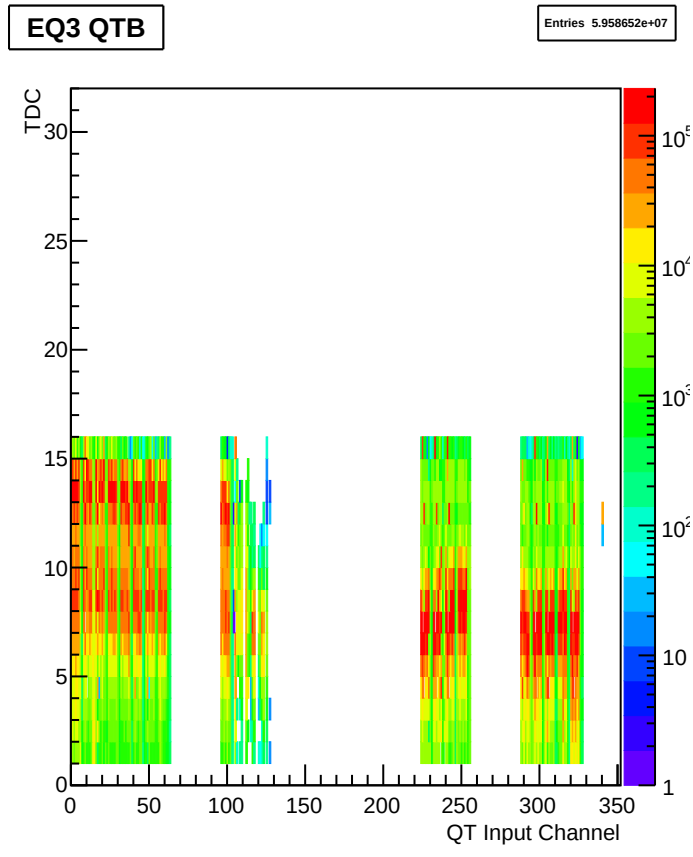

EQ2 QTB
Entries 2.168185e+08
ADC
QT Input Channel

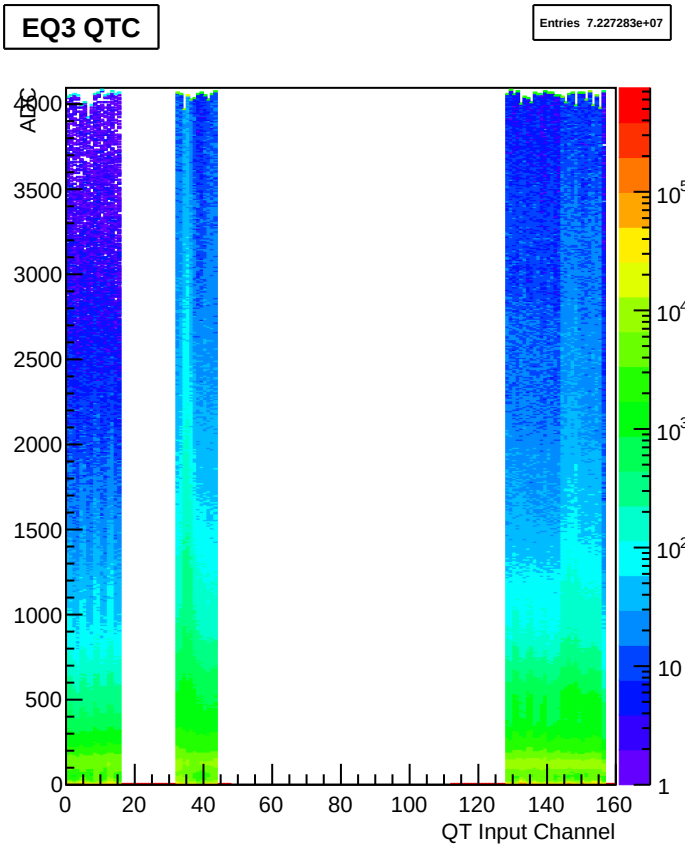

EQ2 QTB
Entries 7.232574e+07
TDC
QT Input Channel


EQ2 QTC
Entries 7.227283e+07
ADC
QT Input Channel


EQ2 QTC
Entries 7.227283e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.927276e+08
ADC
QT Input Channel


EQ3 QTB
Entries 5.958652e+07
TDC
QT Input Channel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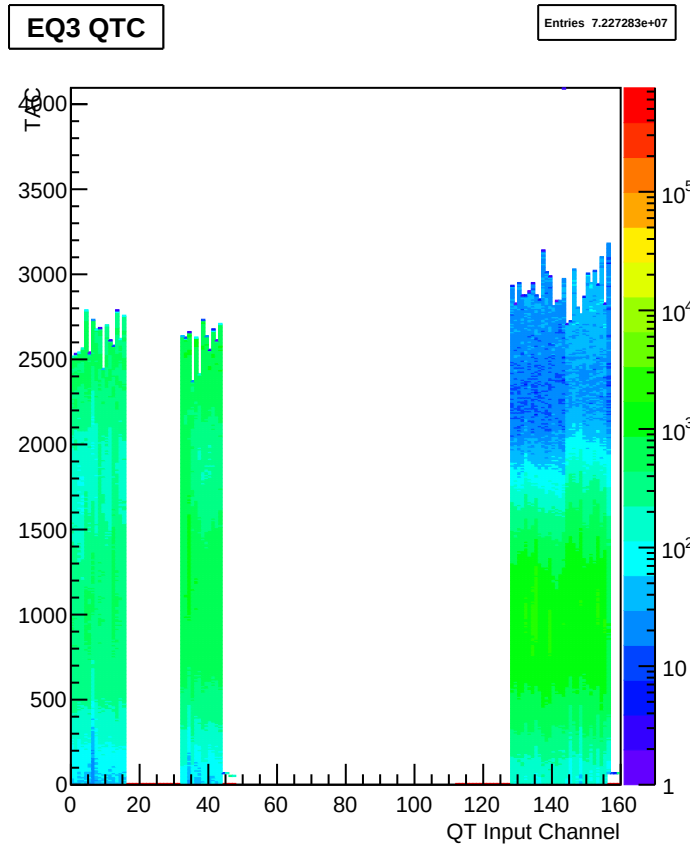
ADC
QT Input Channel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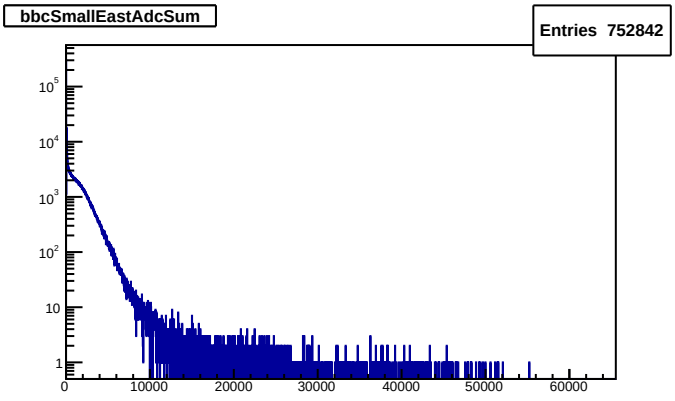
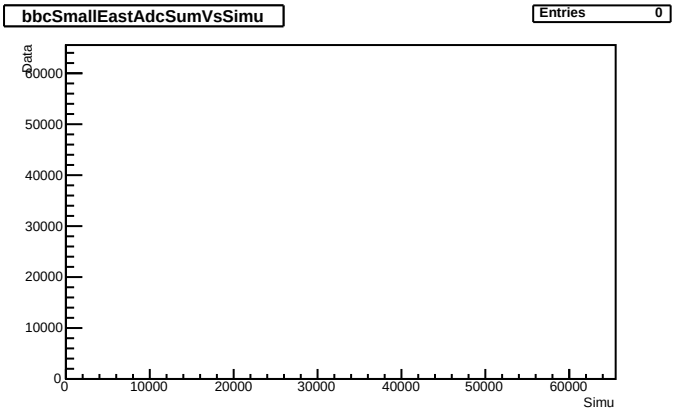
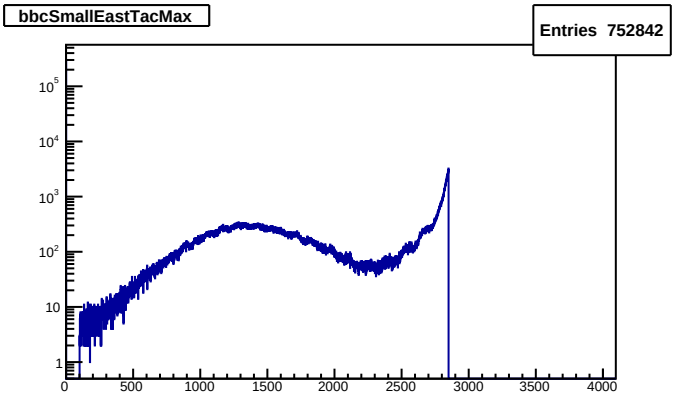
Entries 7.227283e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 752842


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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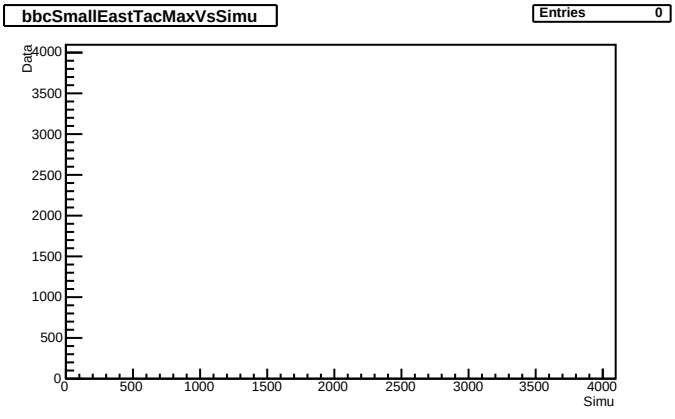
Entries 752842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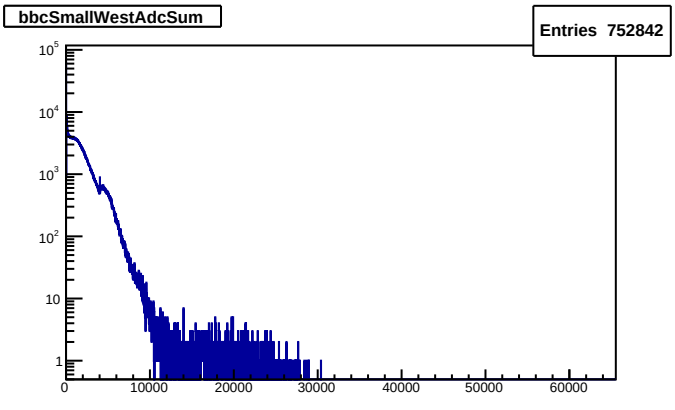
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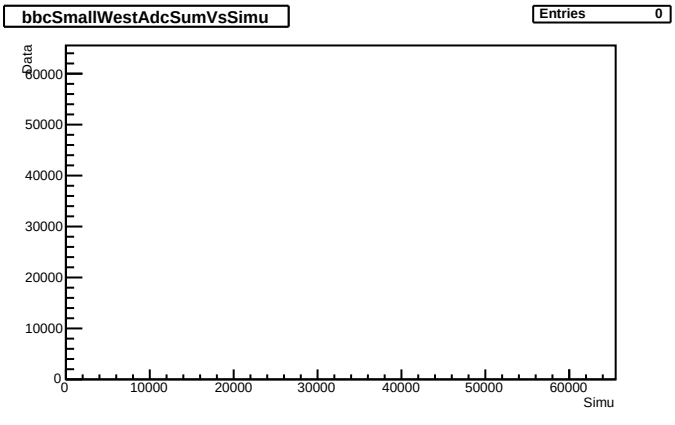
Entries 752842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Entries 0
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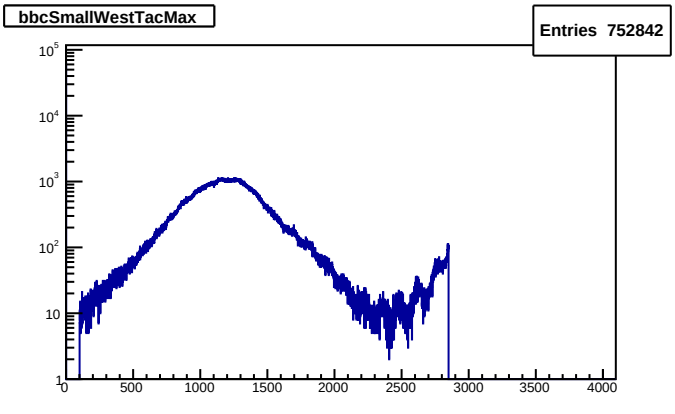
Simu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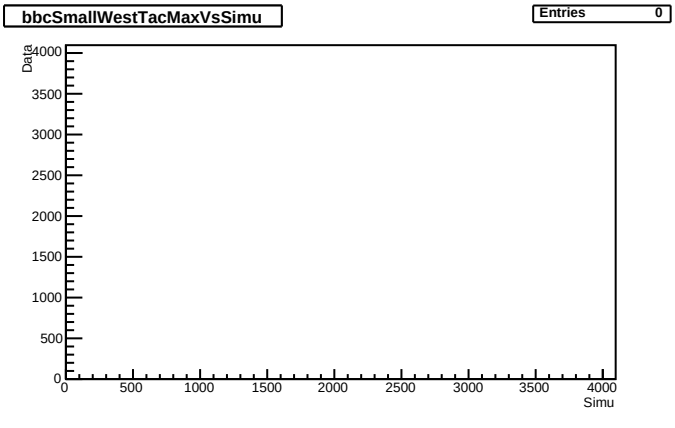
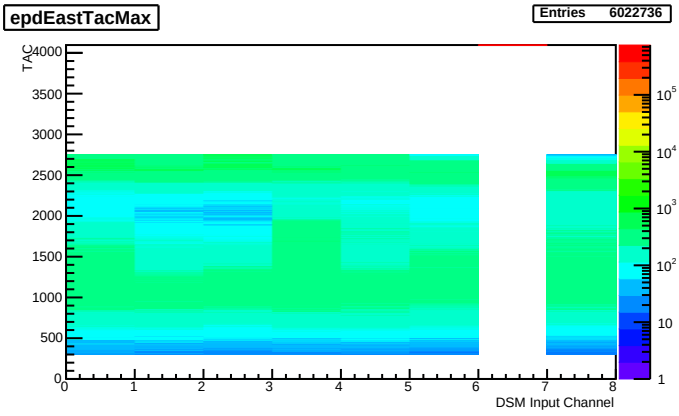
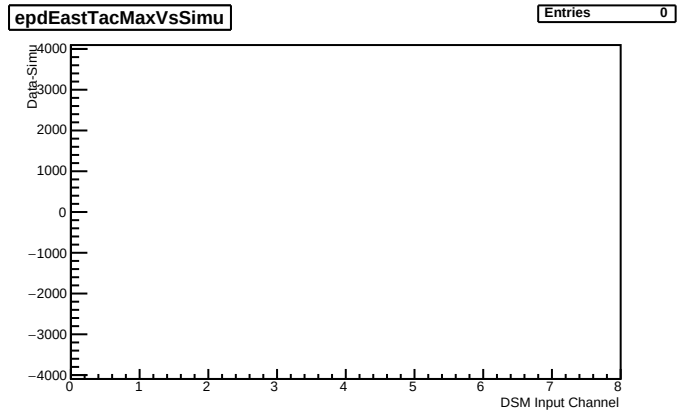
Entries 752842


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 6022736
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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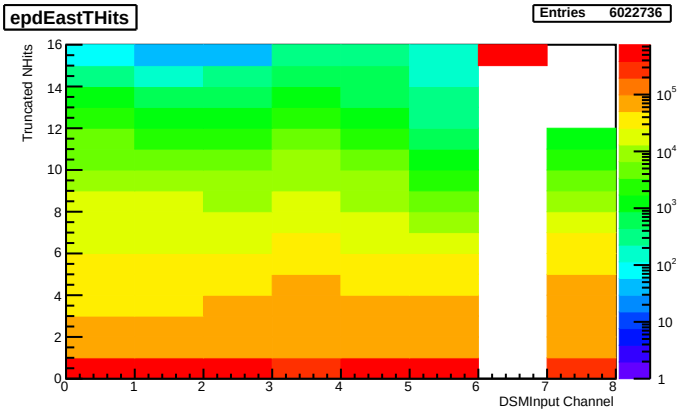
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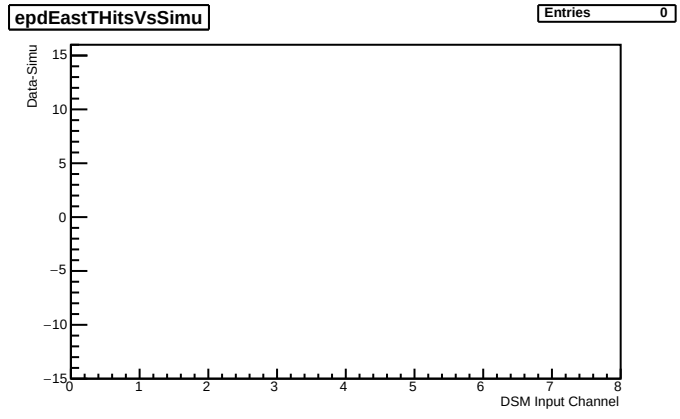
Entries 6022736
Truncated NHits
DSMInput Channel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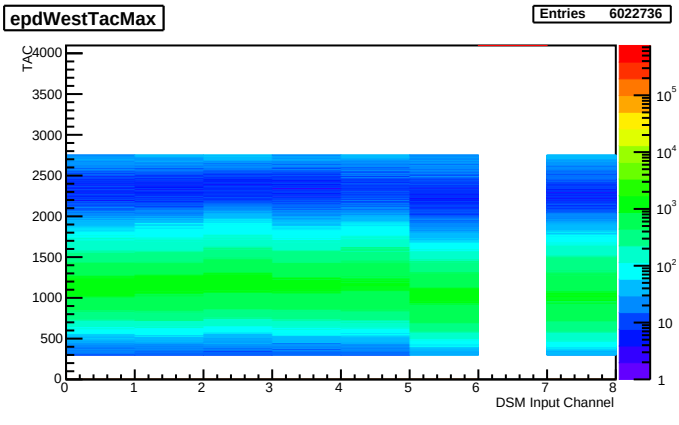
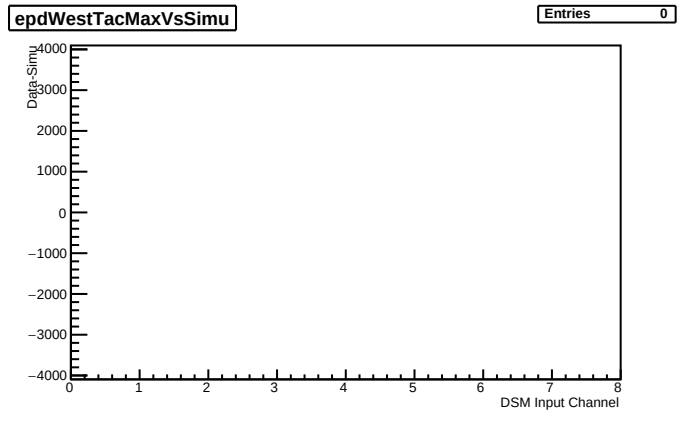
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 6022736
TAC
DSM Input Channel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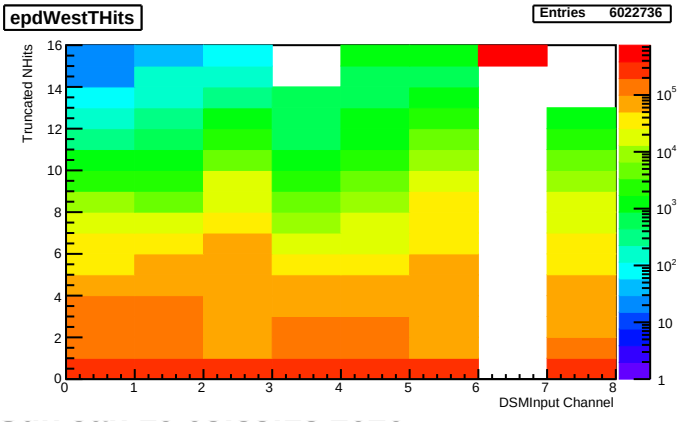
DSM Input Channel


epdWestTHits
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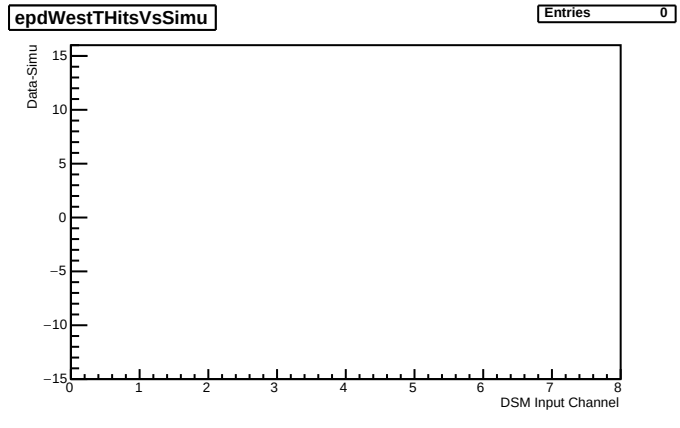
Truncated NHits
DSMInput Channel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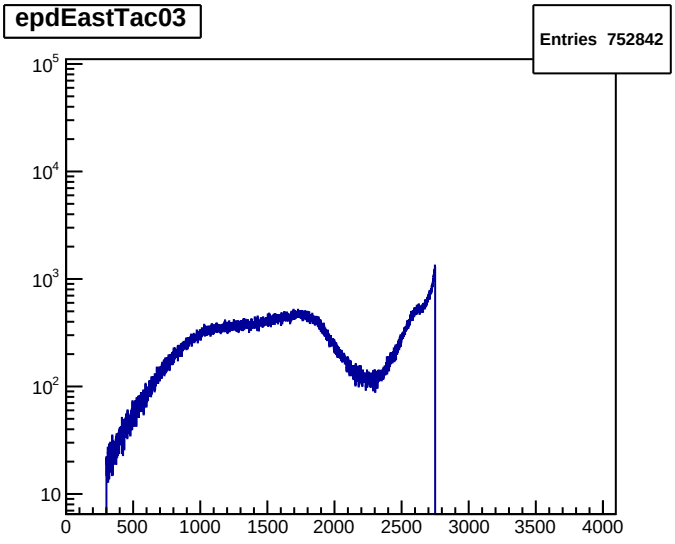
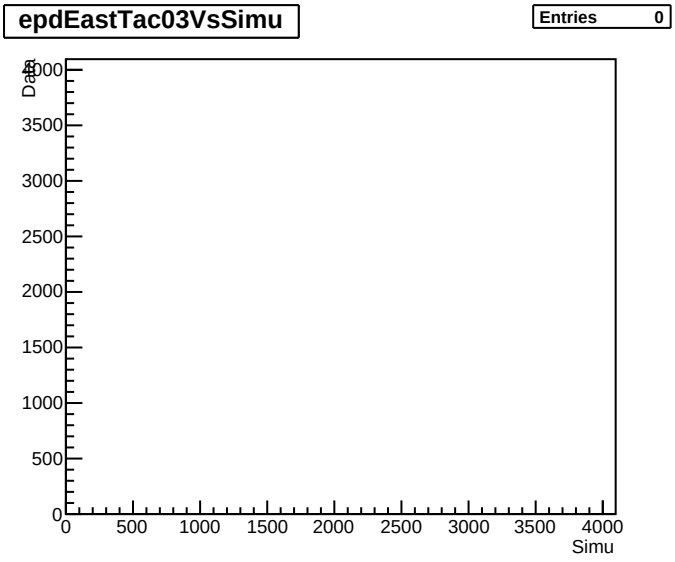
DSM Input Channel


epdEastTac03
Entries 752842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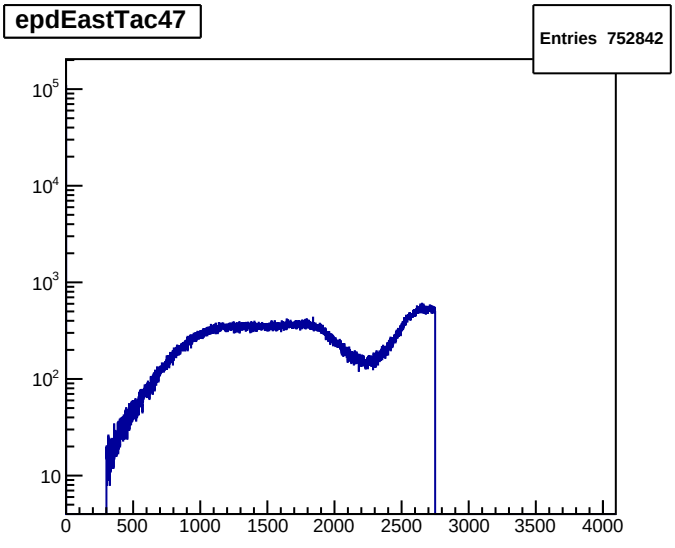
Entries 0
Data
Simu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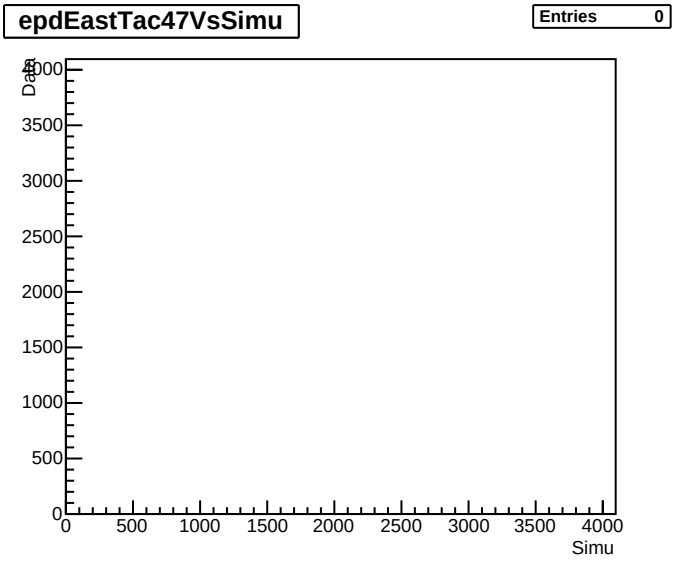
Entries 752842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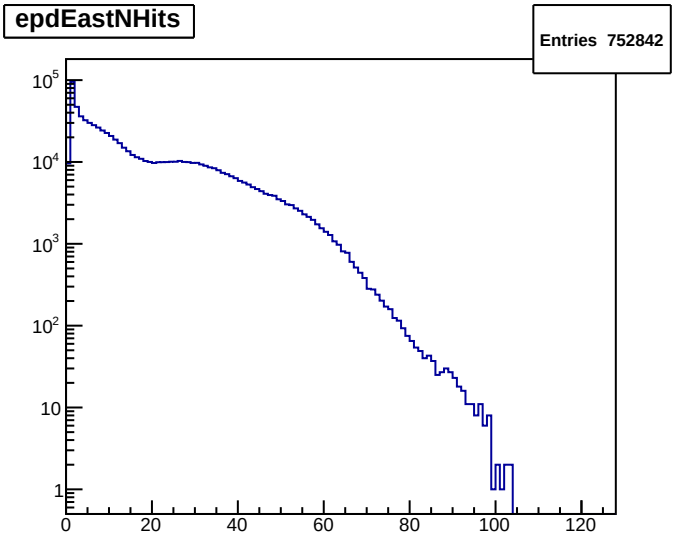
Entries 0
Data
Simu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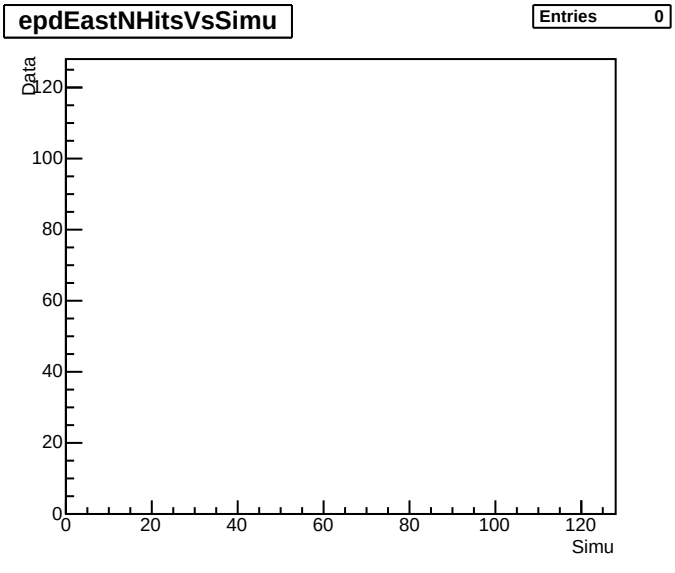
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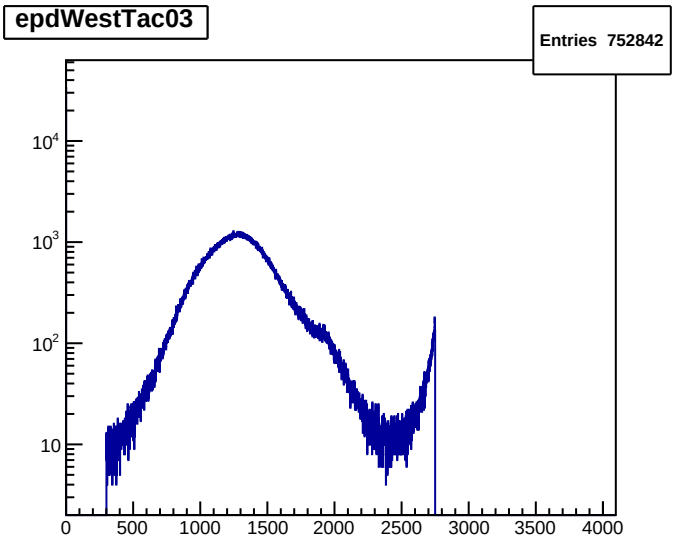
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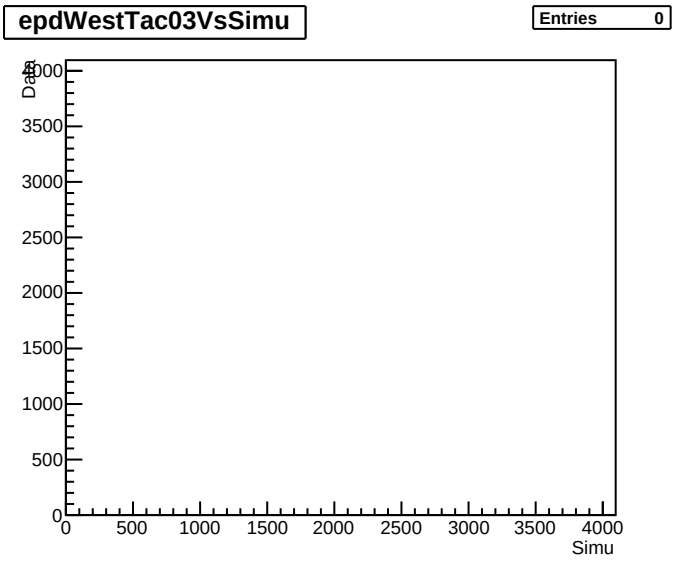
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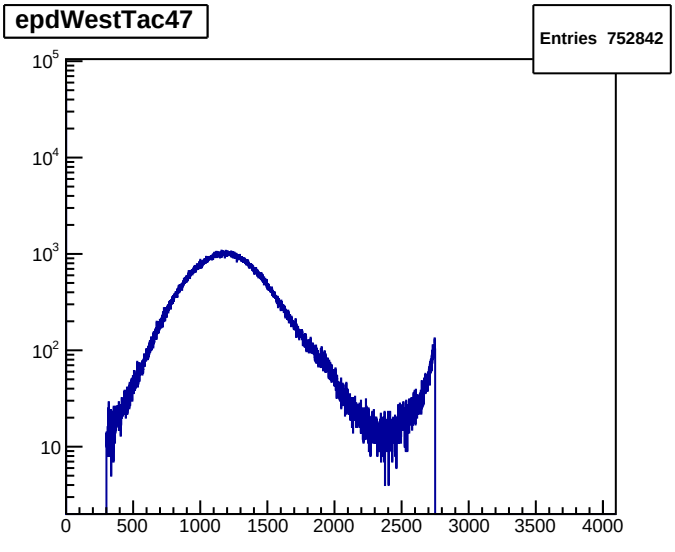
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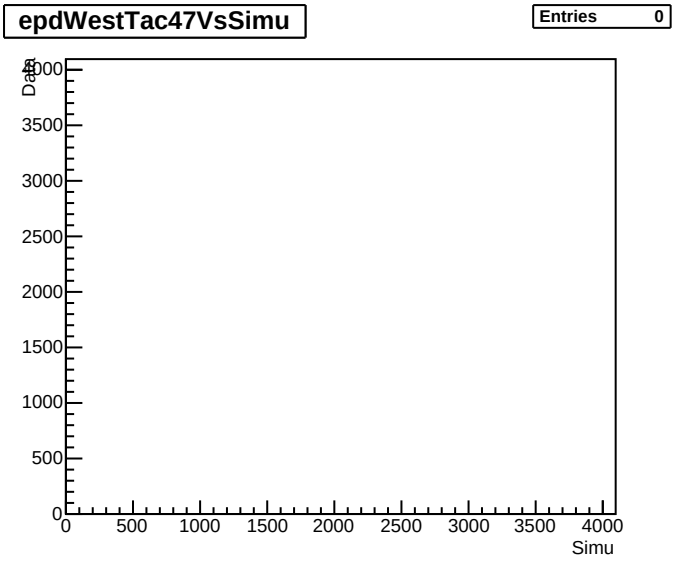
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Data
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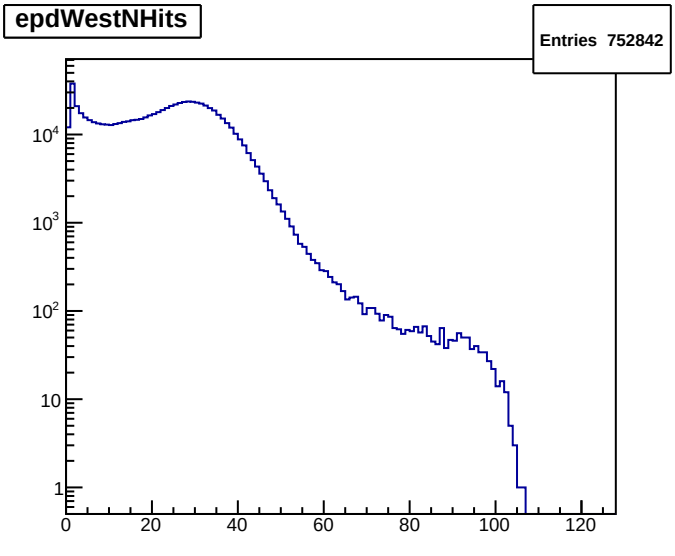
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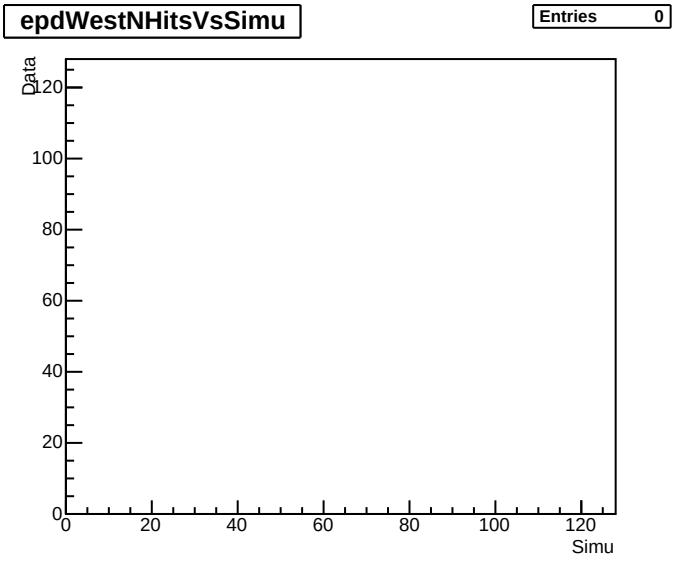
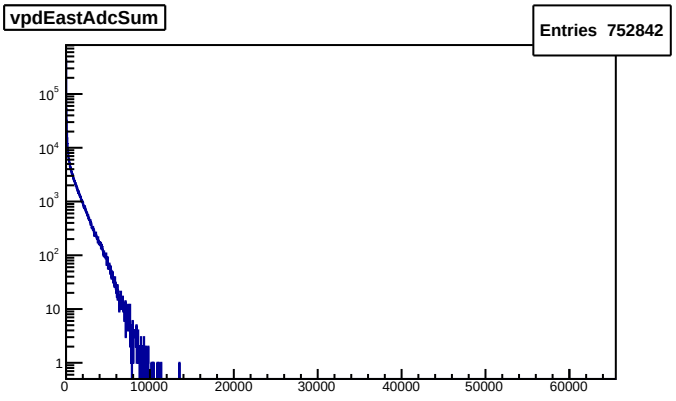
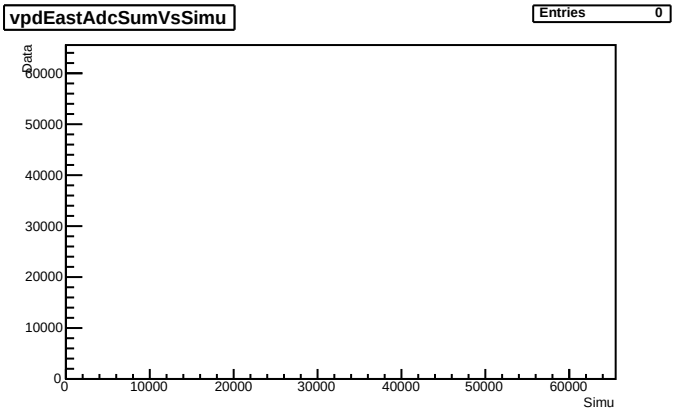
Entries 752842


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 752842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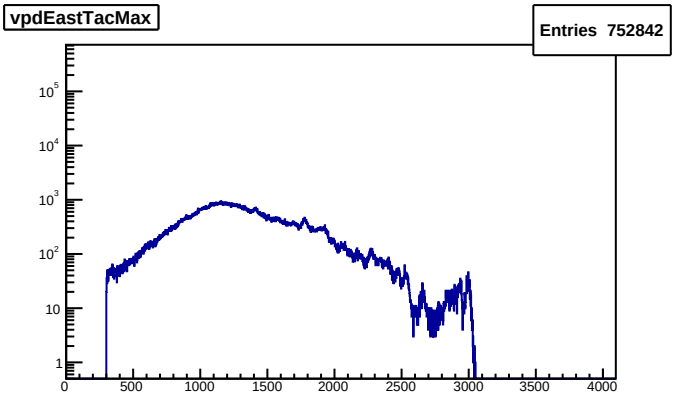
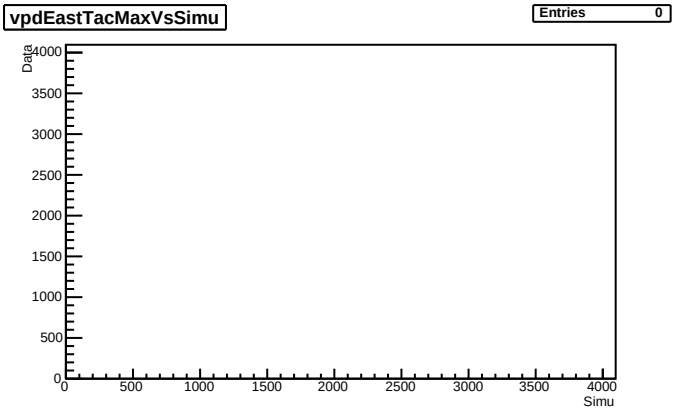
Entries 0
Data
Simu


vpdEastTacMax
Entries 752842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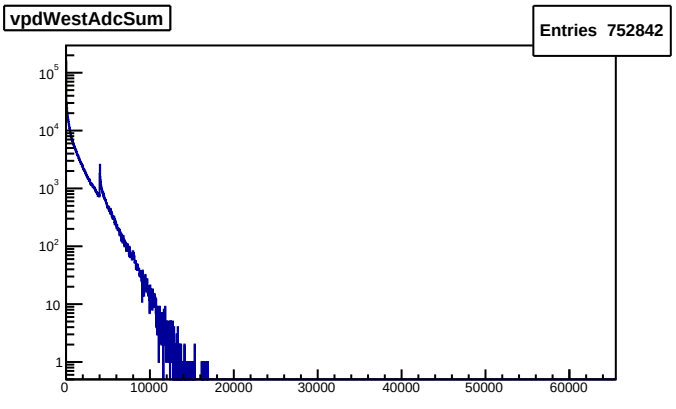
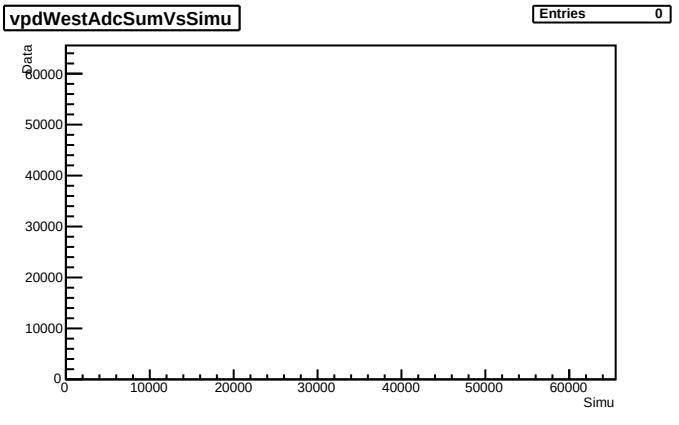
Entries 0
Data
Simu


vpdWestAdcSum
Entries 752842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Entries 0
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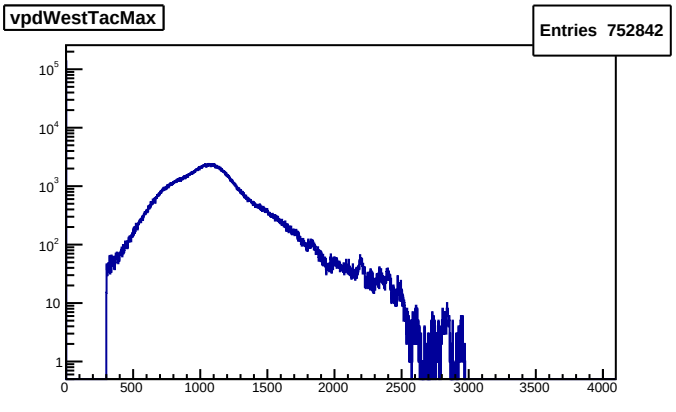
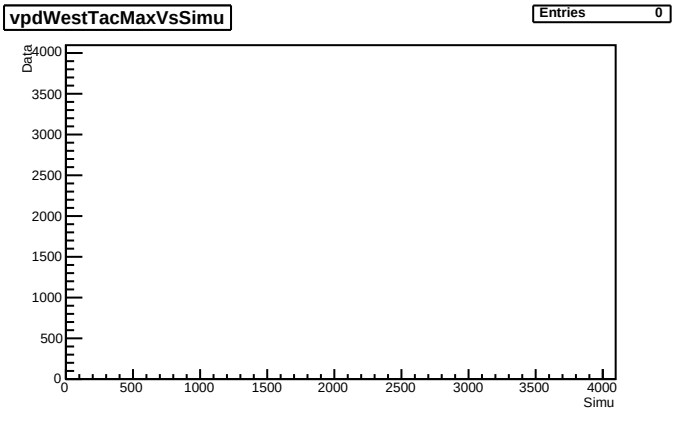
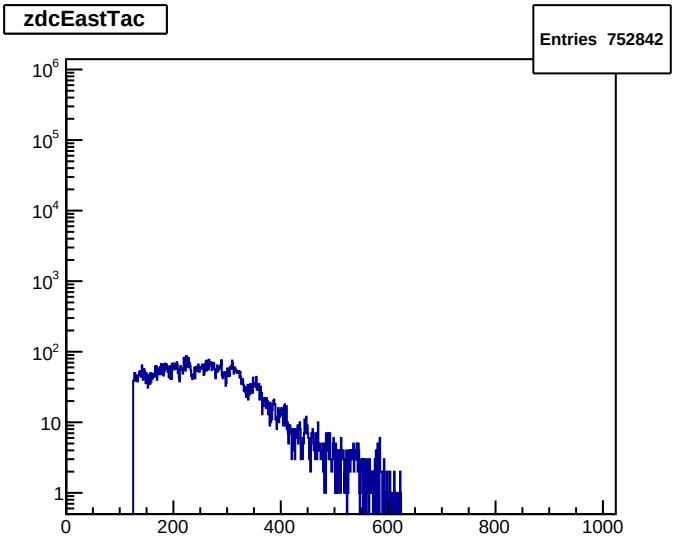
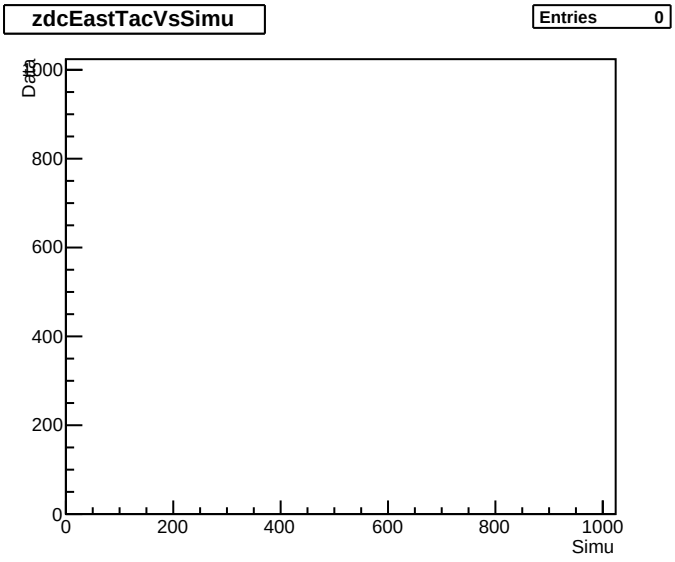

vpdWestTacMax
Entries 752842


vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 752842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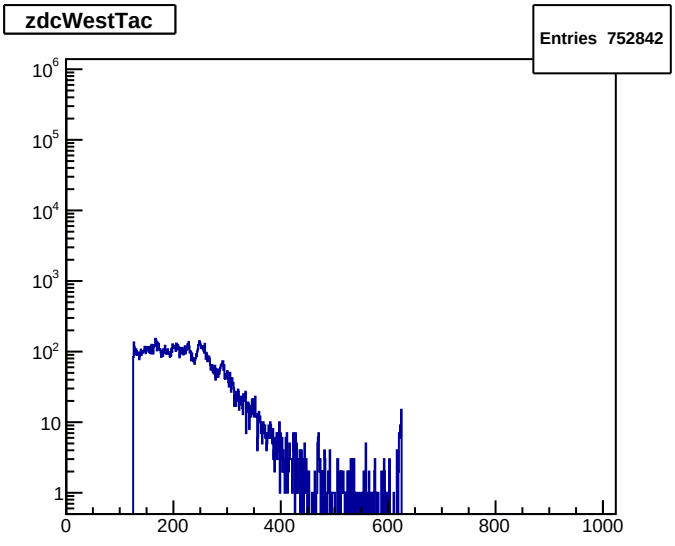
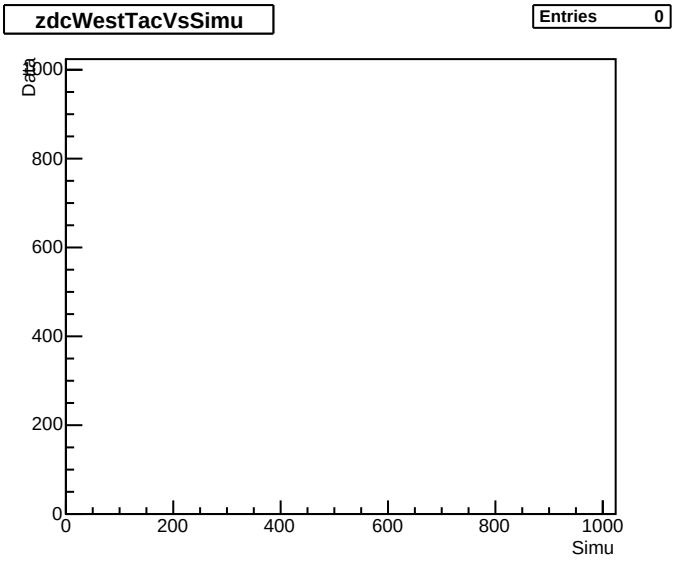
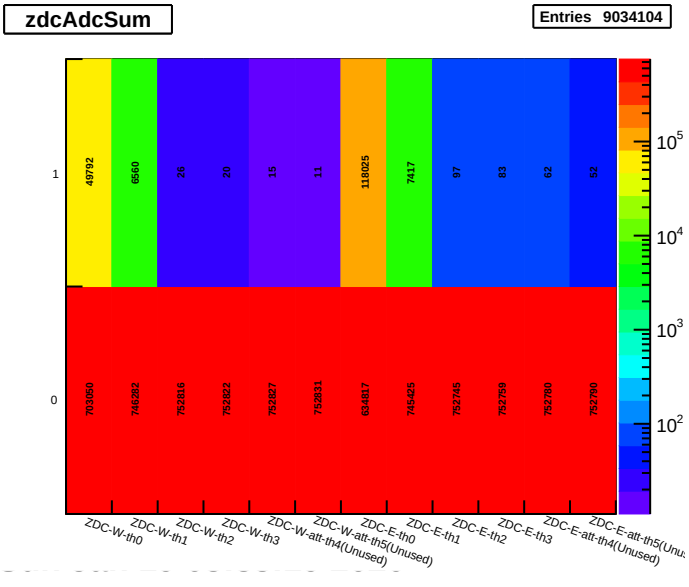
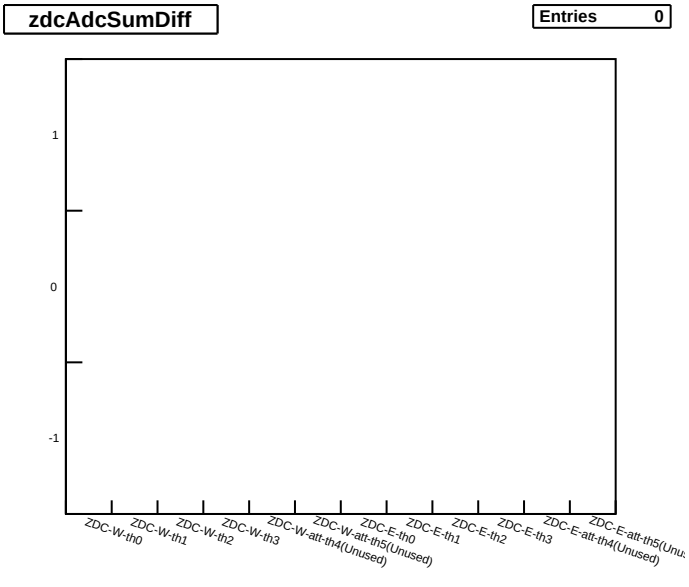
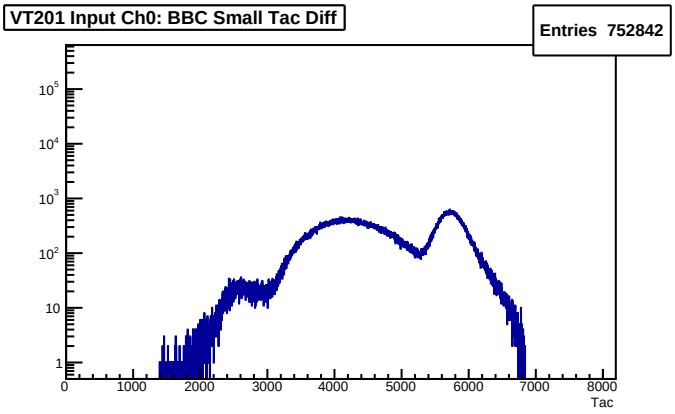
Entries 0
Data
Simu

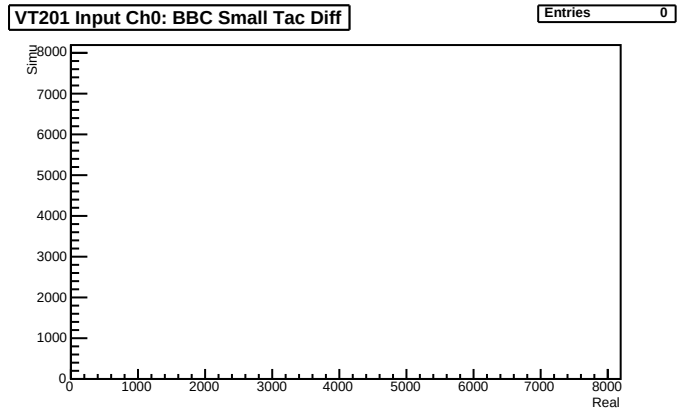

zdcWestTac
Entries 752842

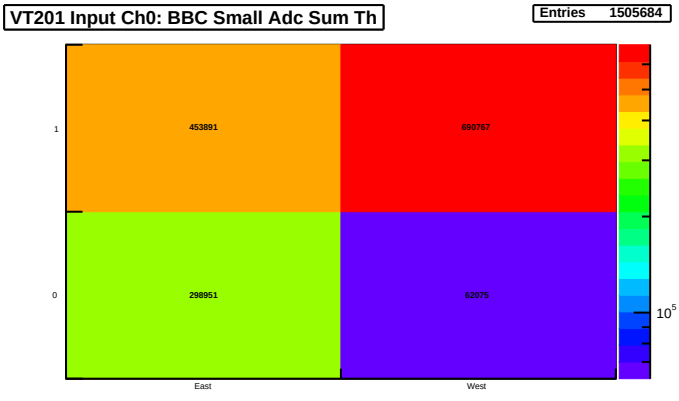

zdcWestTacVsSimu
Entries 0
Data
Simu

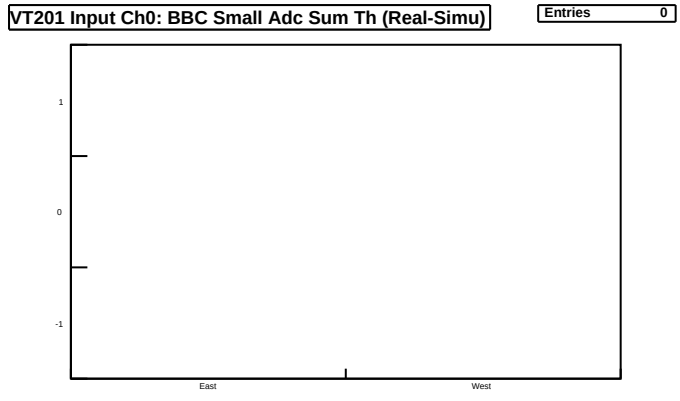

zdcAdcSum
Entries 9034104
49792
6560
26
20
15
11
118025
7417
97
83
62
52
703560
746282
752816
752822
752827
752831
634817
745425
752745
752759
752780
752790
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

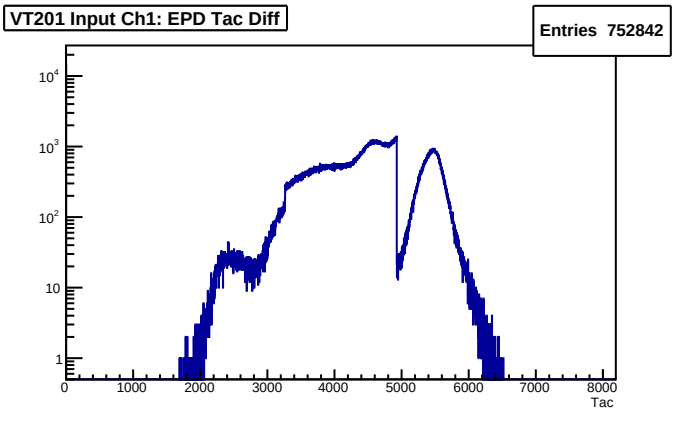

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

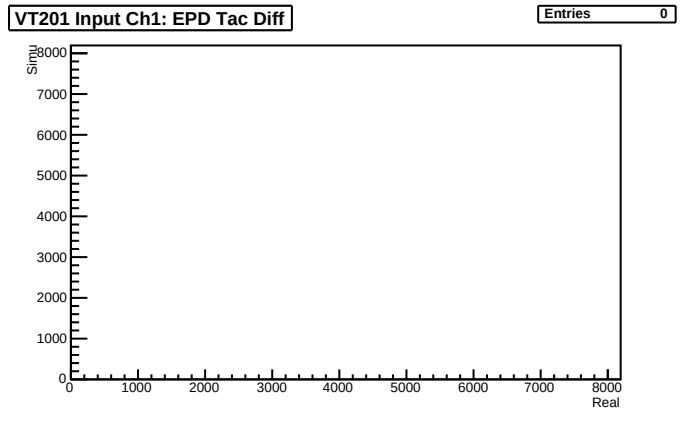

VT201 Input Ch0: BBC Small Tac Diff
Entries 752842
Tac

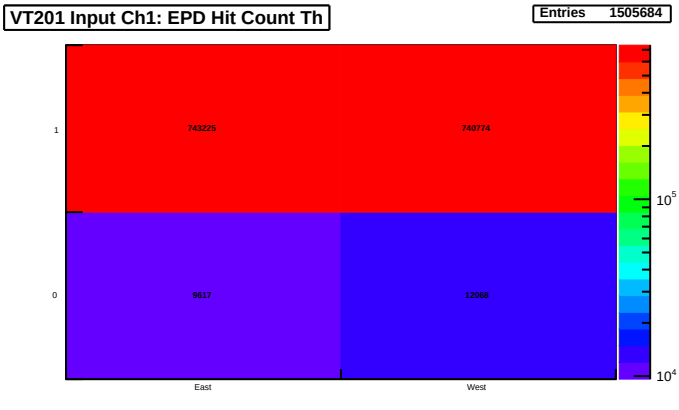

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

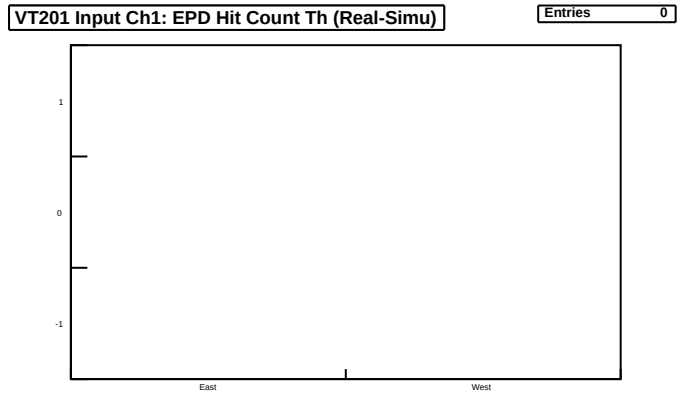

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1505684
453891
690767
298951
62075
East
West

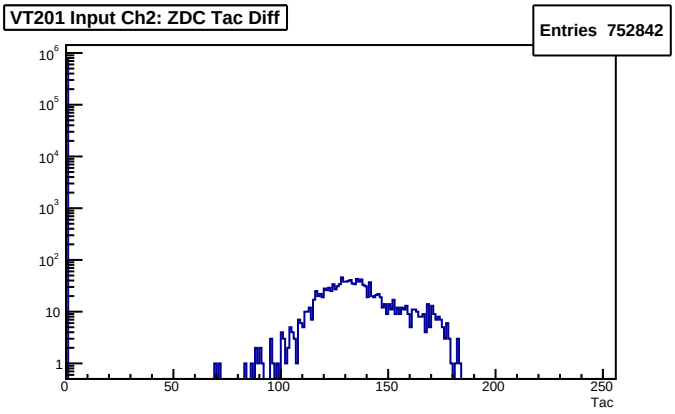

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

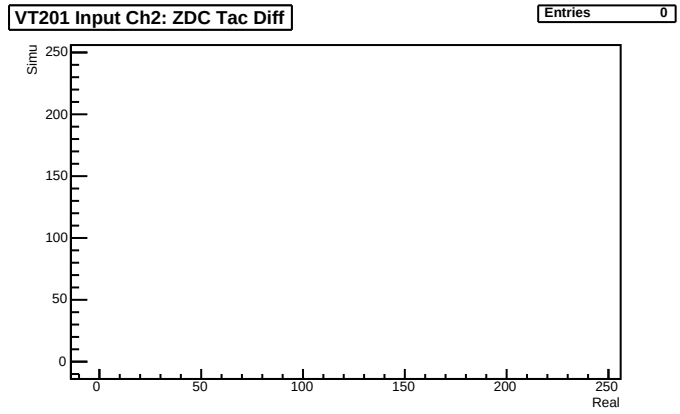

VT201 Input Ch1: EPD Tac Diff
Entries 752842
Tac

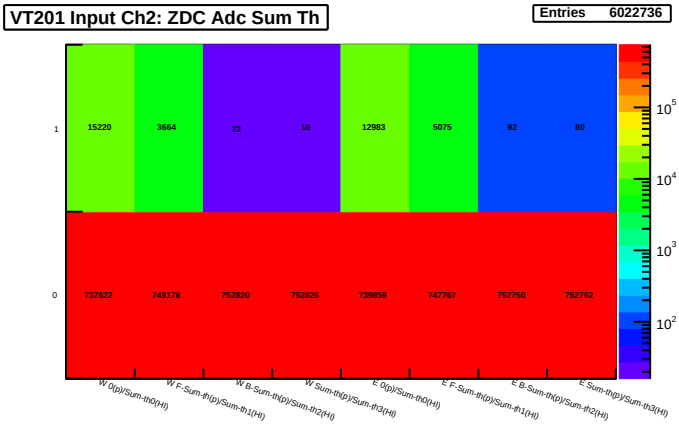

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

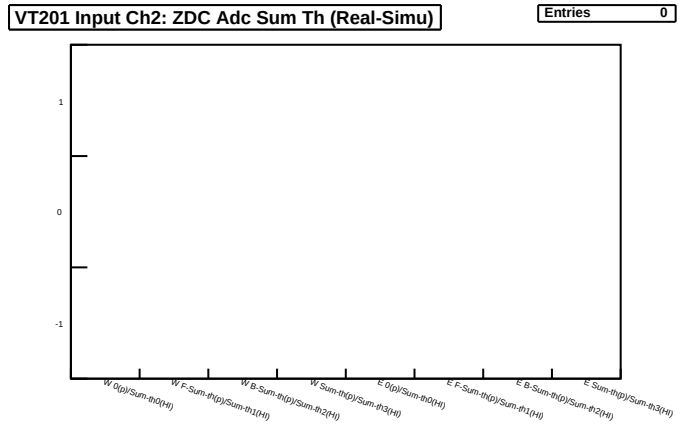

VT201 Input Ch1: EPD Hit Count Th
Entries 1505684
743225
740774
9617
12068
East
West

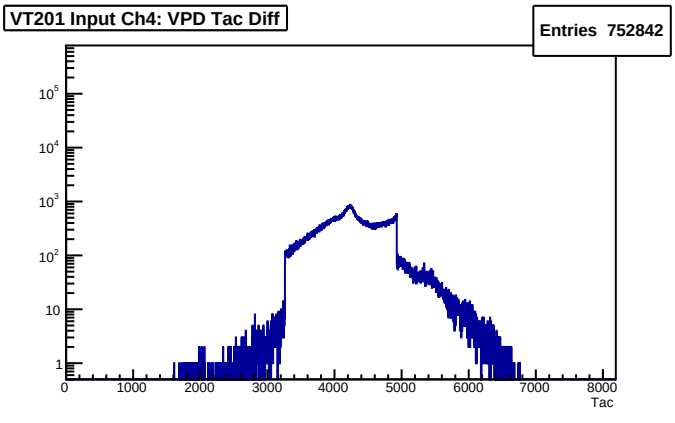

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

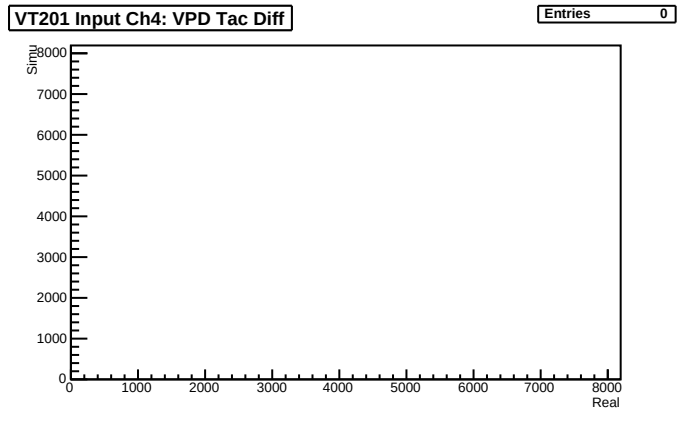

VT201 Input Ch2: ZDC Tac Diff
Entries 752842
Tac

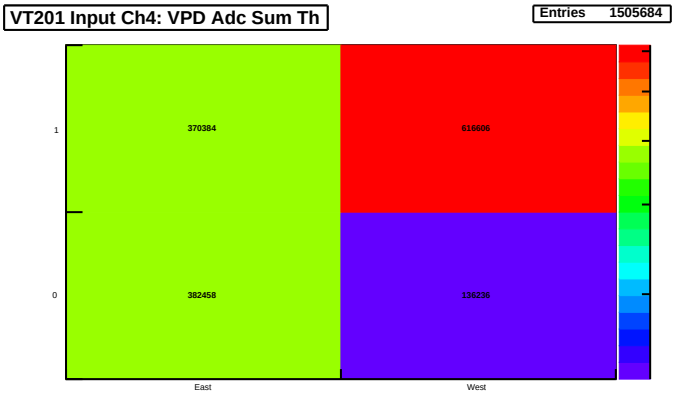

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

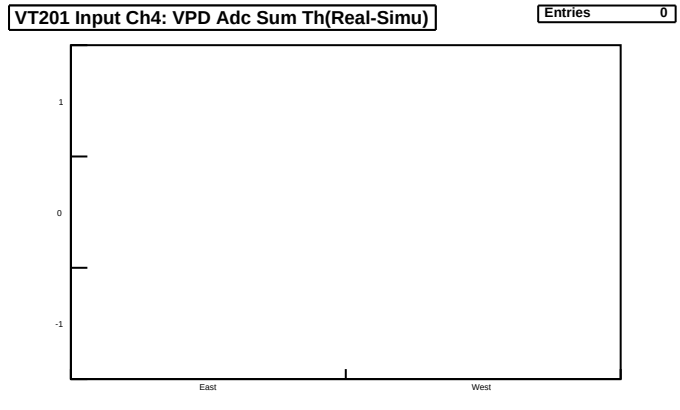

VT201 Input Ch2: ZDC Adc Sum Th
Entries 6022736
15220
3664
22
16
12983
5075
92
80
737622
749178
752820
752826
739859
747767
752750
752762
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

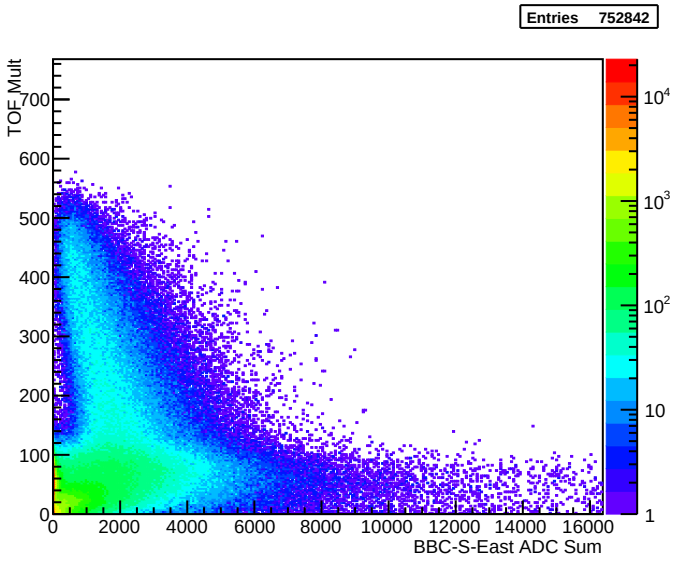

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

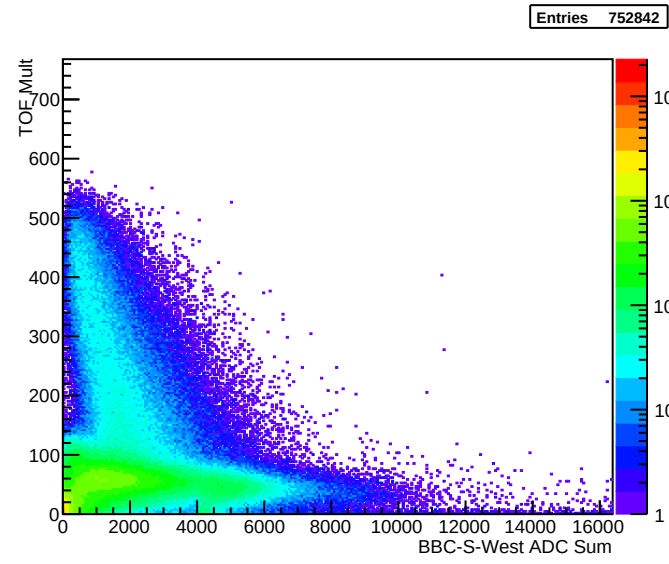

VT201 Input Ch4: VPD Tac Diff
Entries 752842
Tac

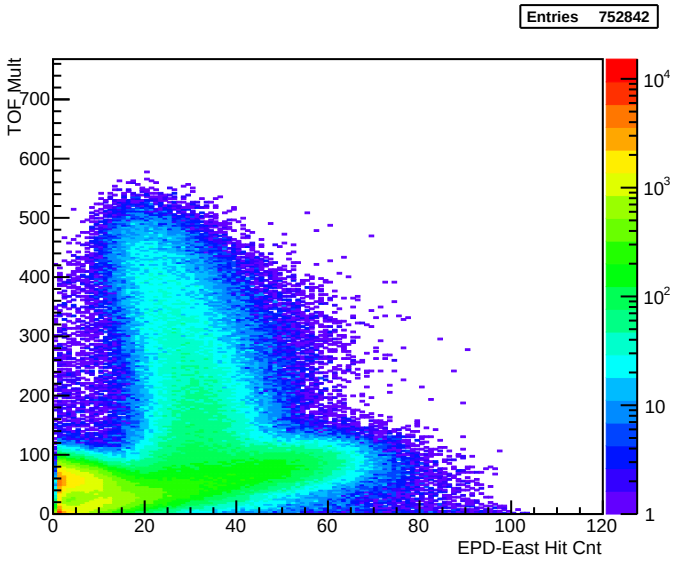

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

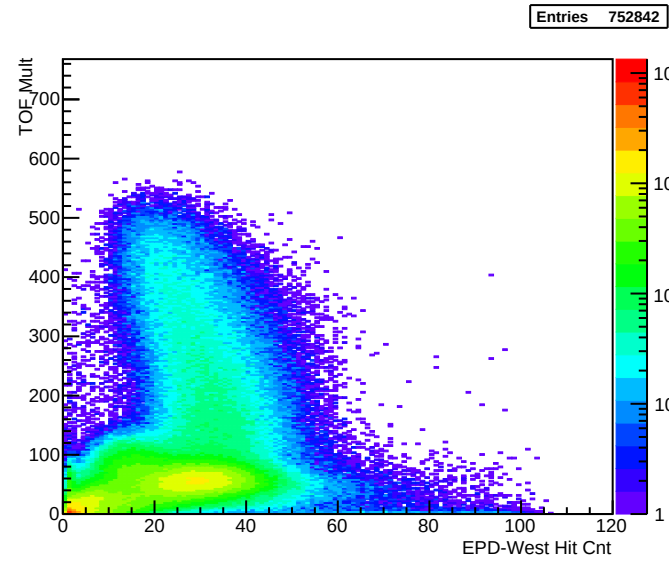

VT201 Input Ch4: VPD Adc Sum Th
Entries 1505684
370384
616606
382458
136236
East
West

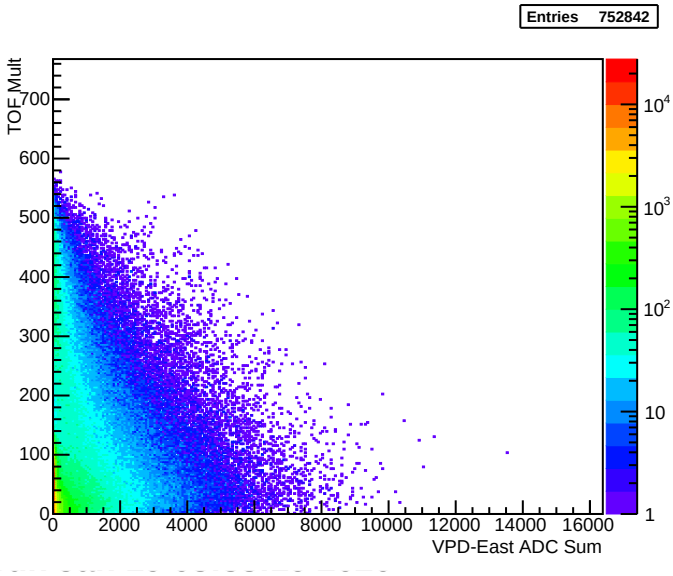

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

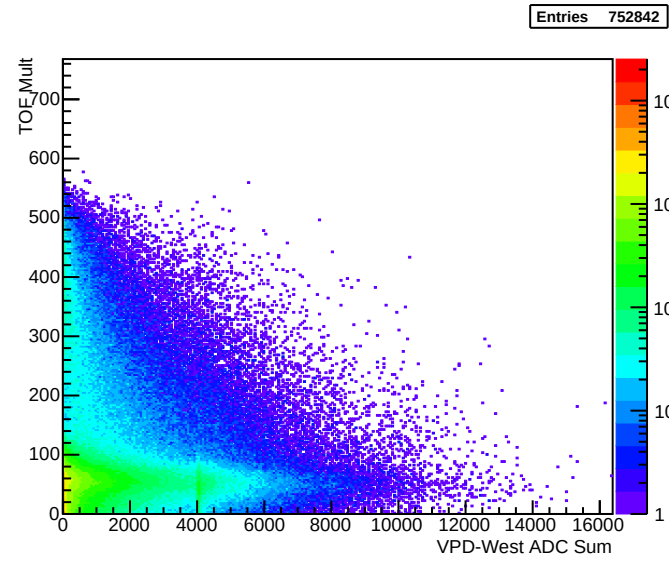

Entries 752842
TOF_Mult
BBC-S-East ADC Sum

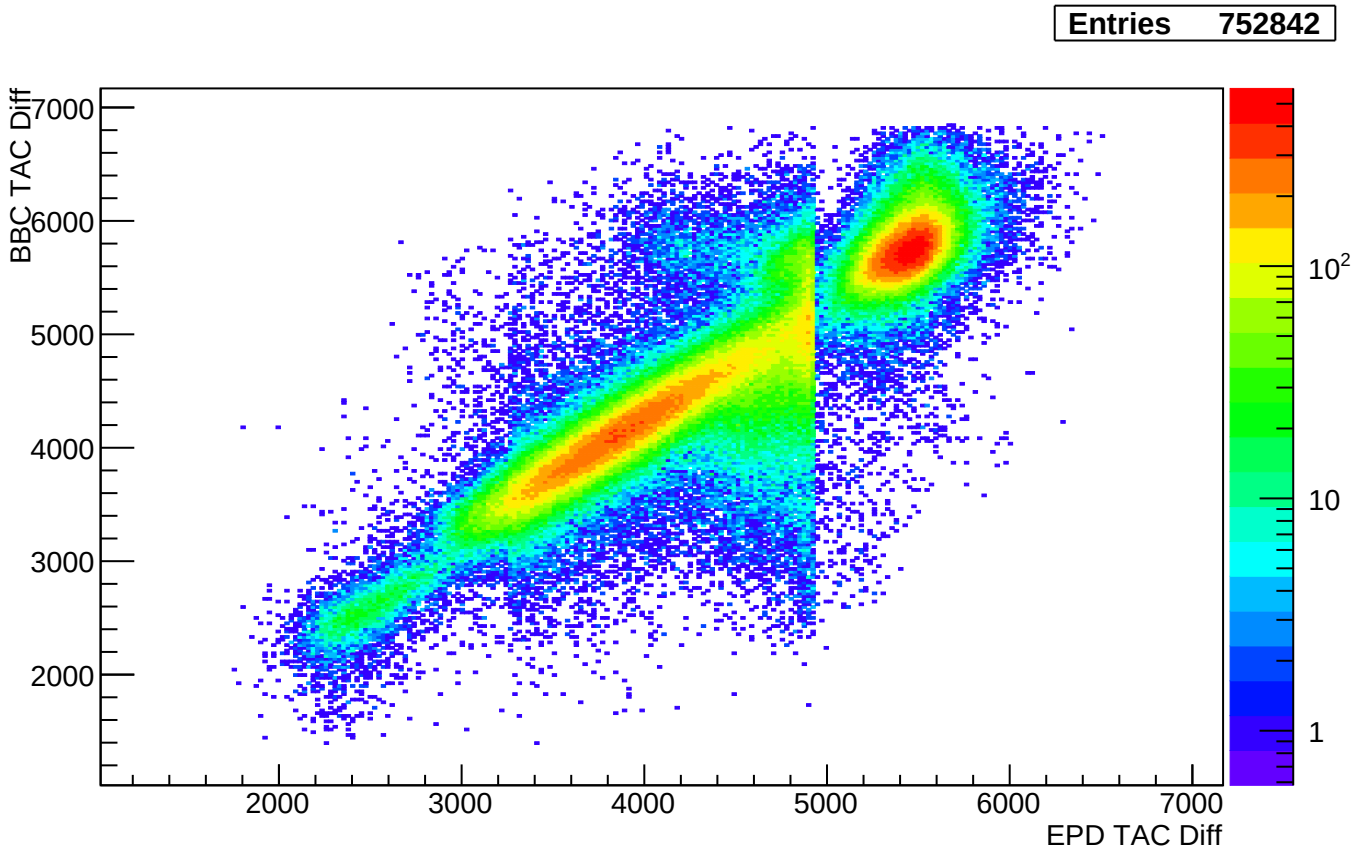

Entries 752842
TOF_Mult
BBC-S-West ADC Sum

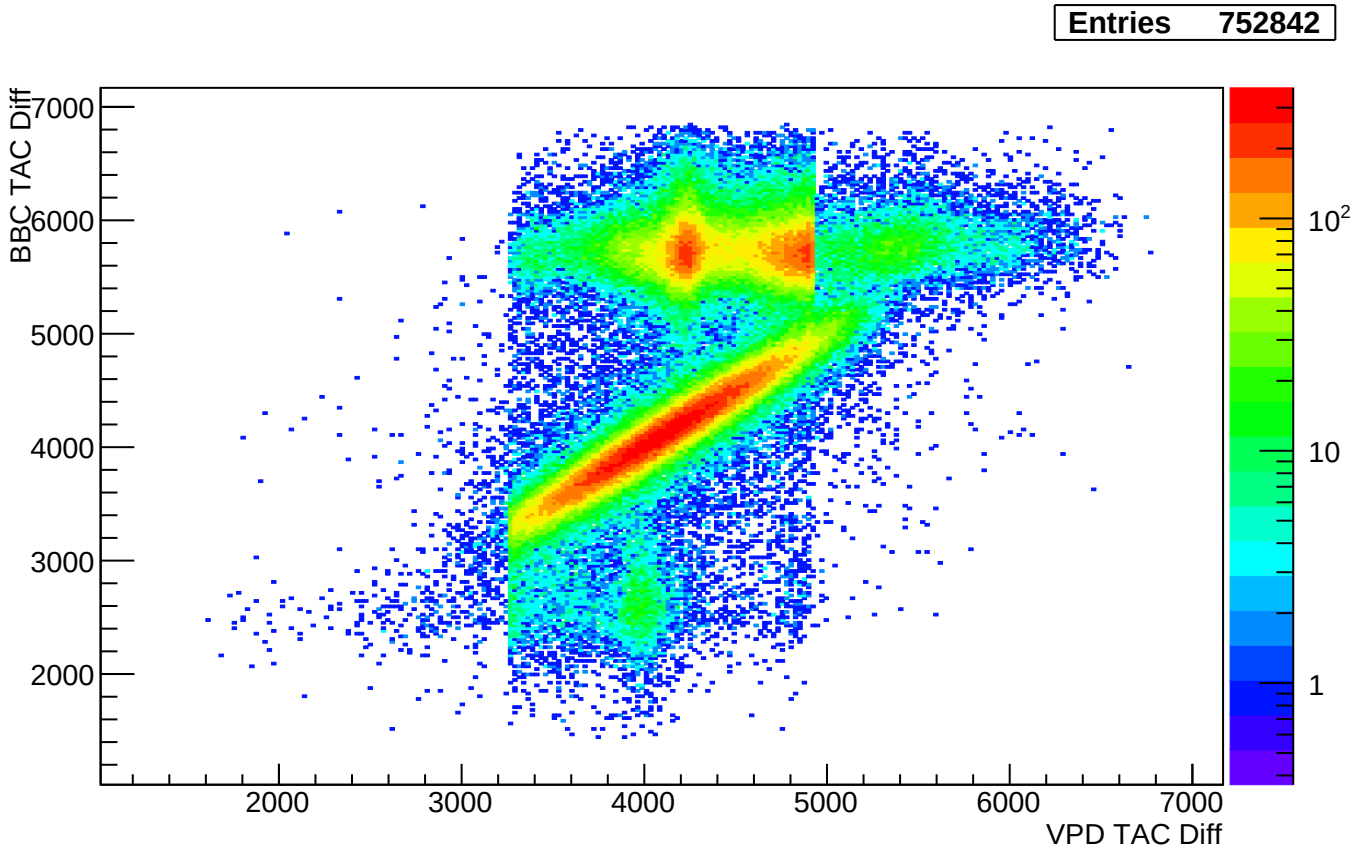

Entries 752842
TOF_Mult
EPD-East Hit Cnt

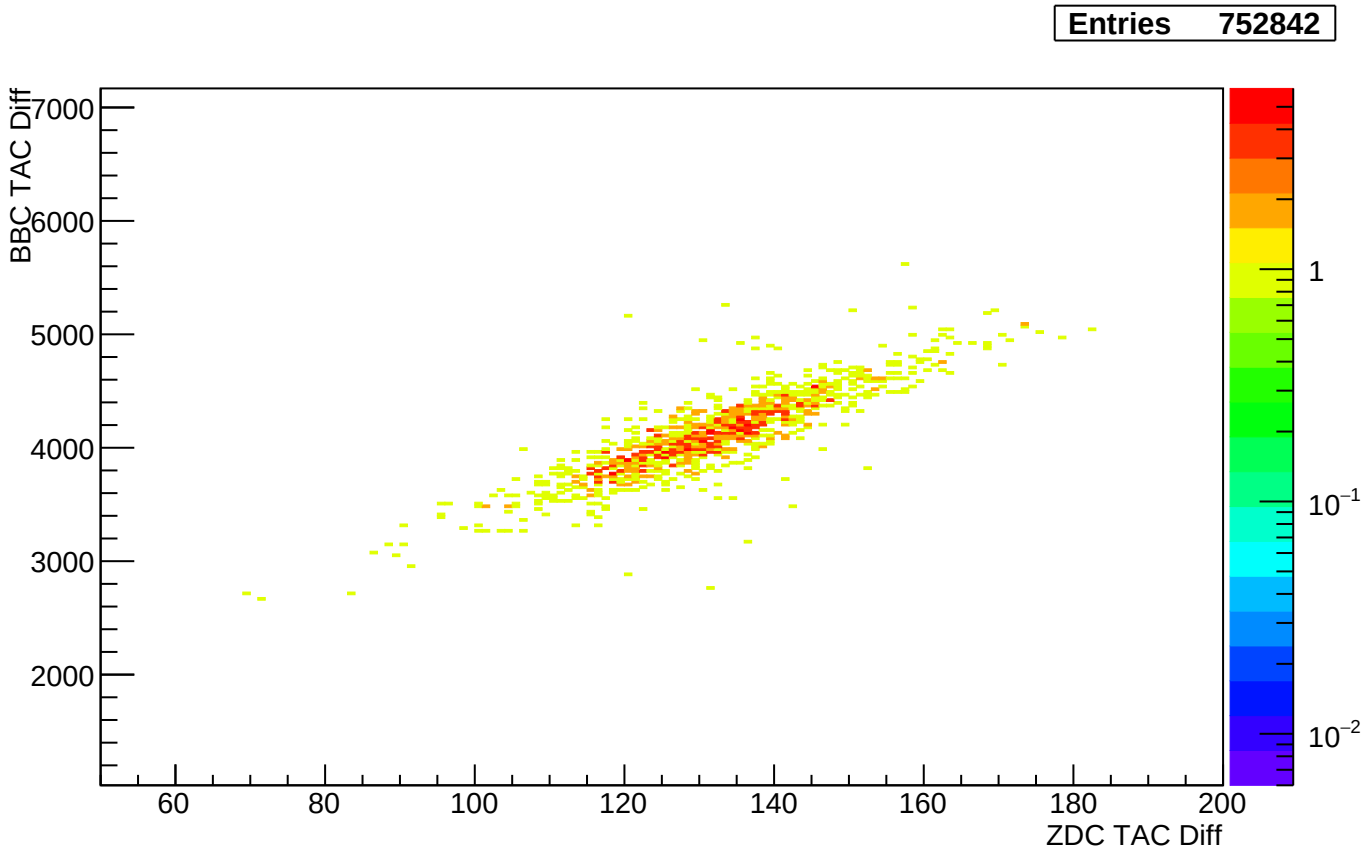

Entries 752842
TOF_Mult
EPD-West Hit Cnt

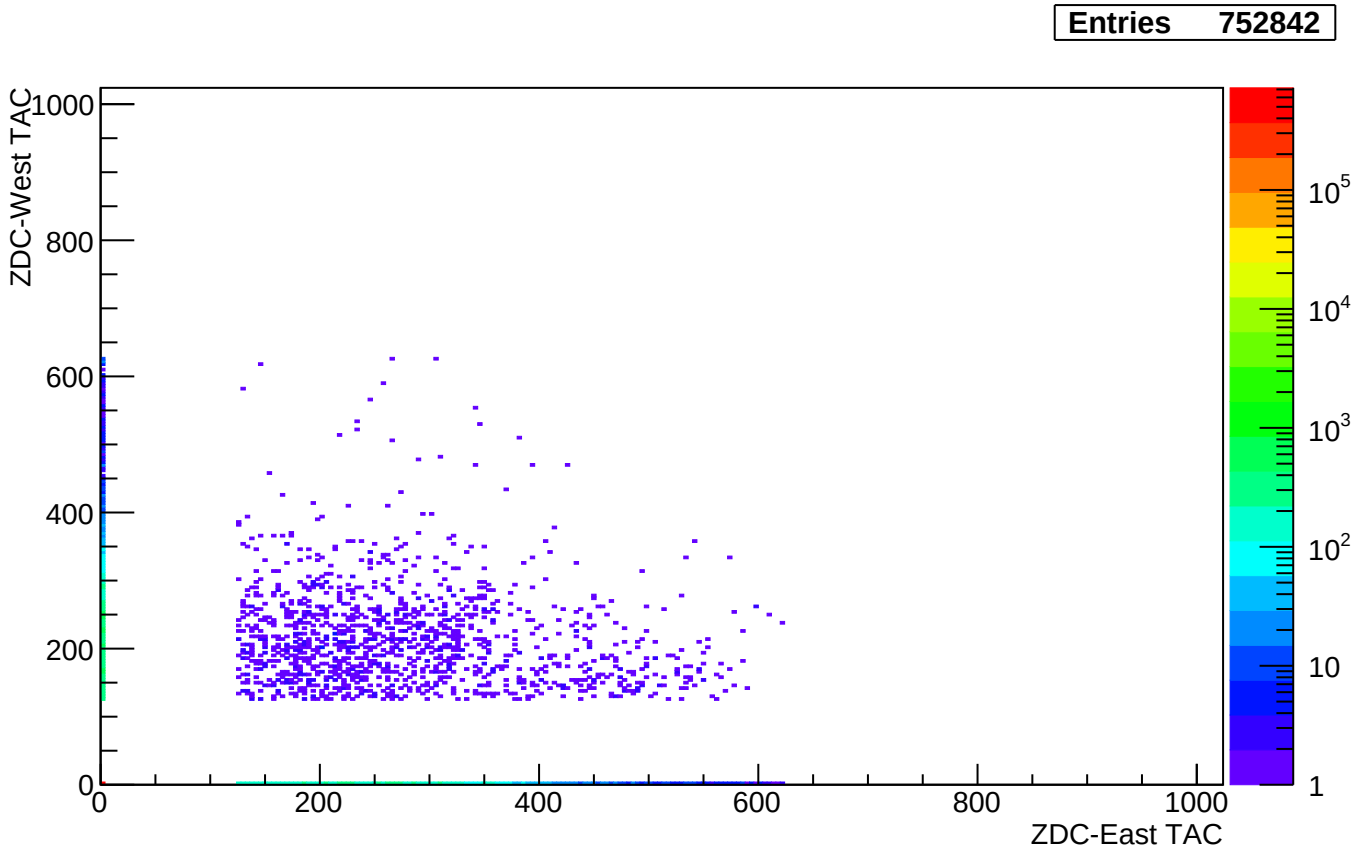

Entries 752842
TOF_Mult
VPD-East ADC Sum

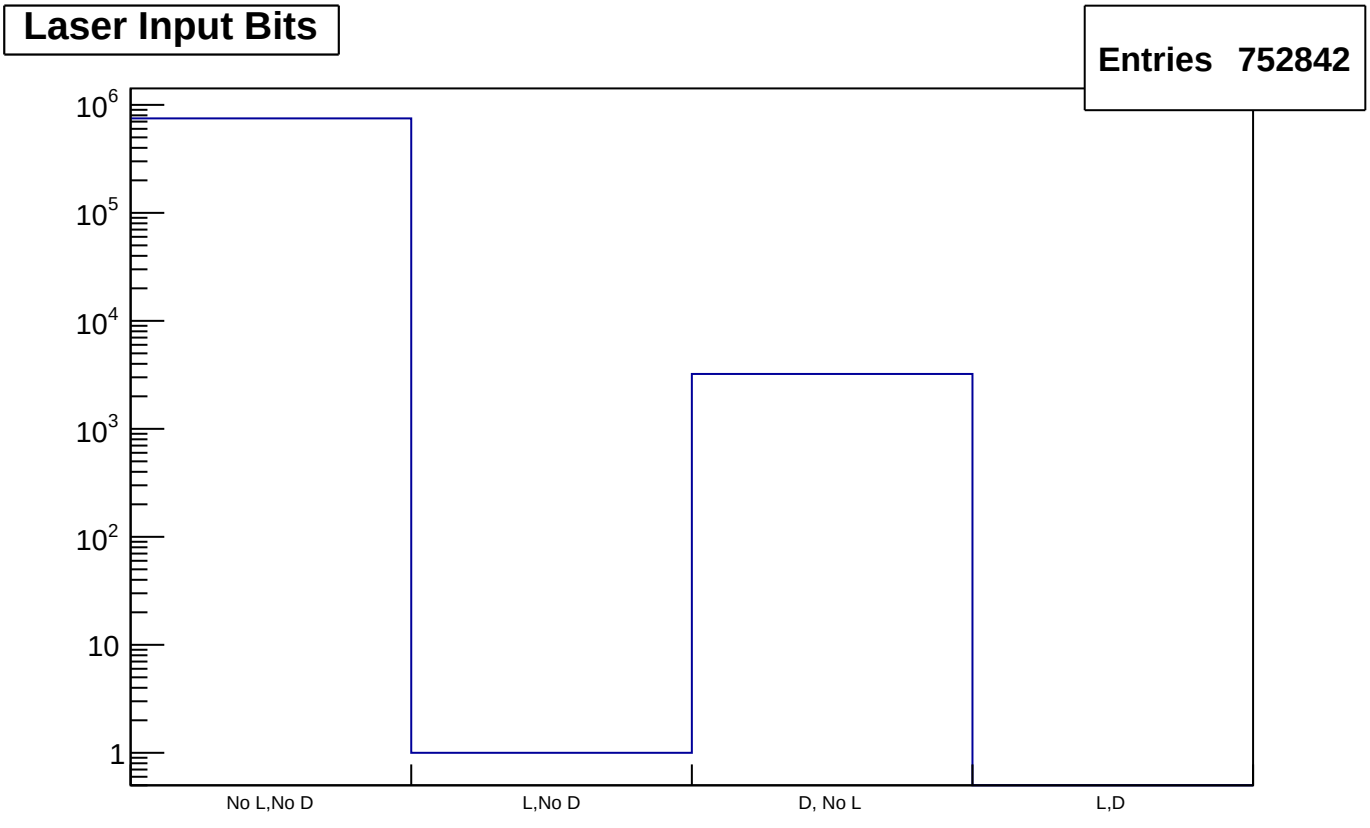

Entries 752842
TOF_Mult
VPD-West ADC Sum

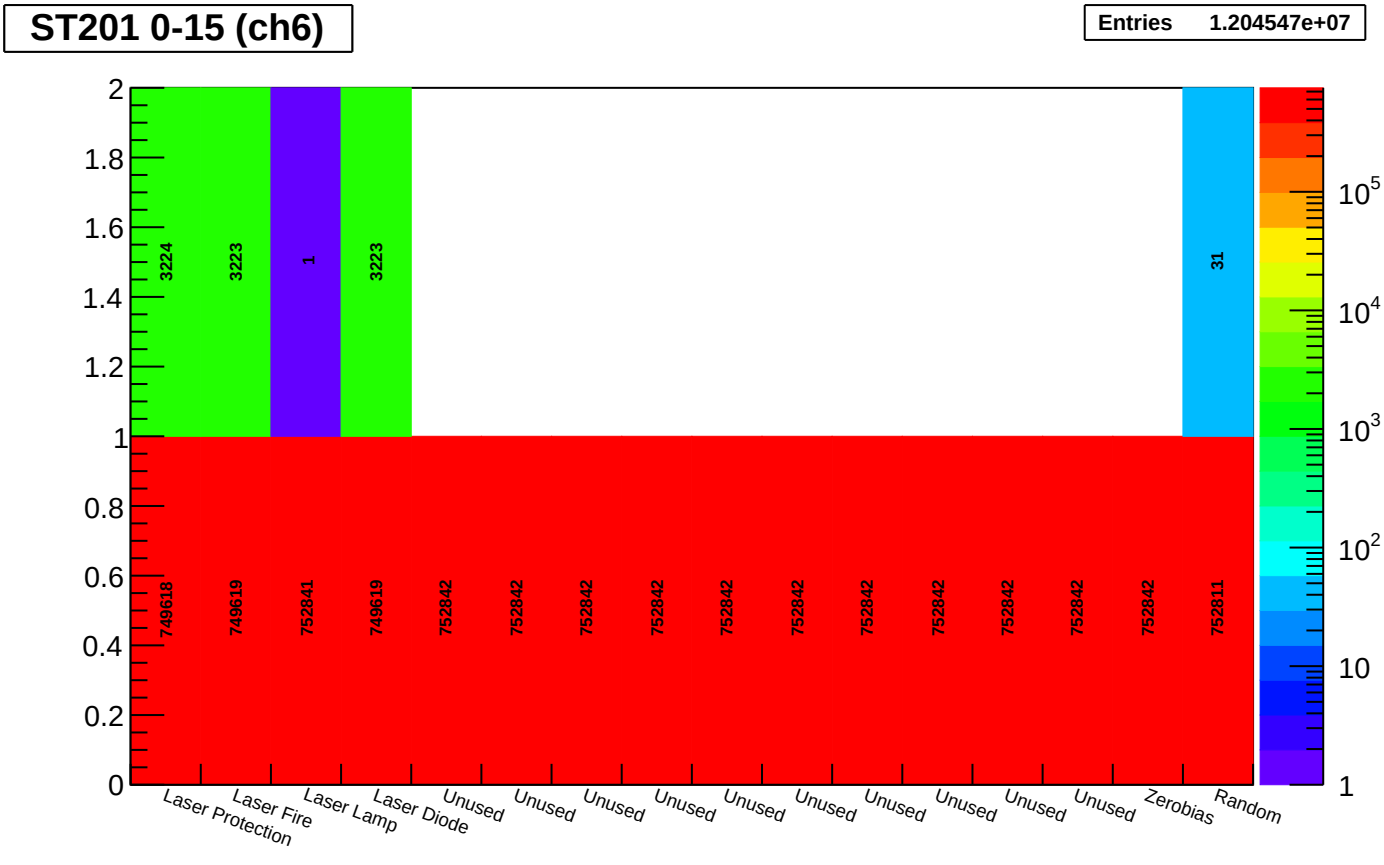

Entries 752842
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1


Entries 752842
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

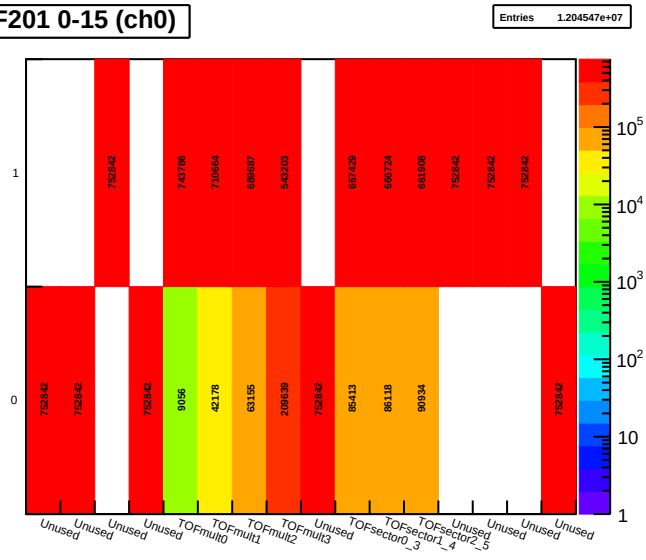

Entries 752842
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}


Entries 752842
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

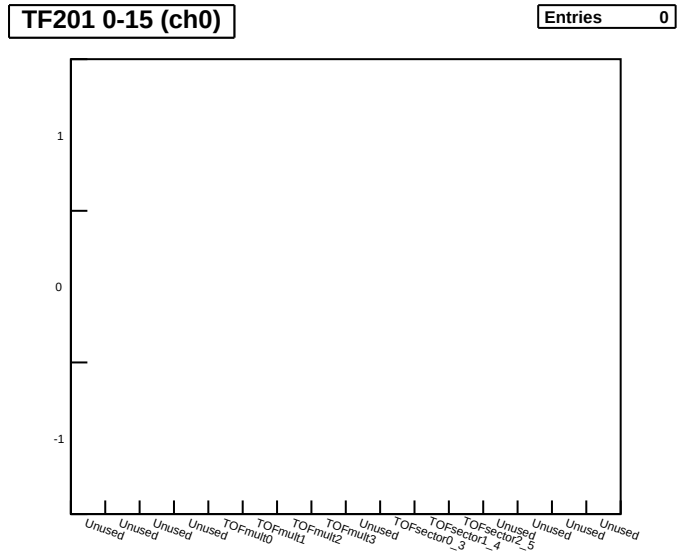

Laser Input Bits
Entries 752842
10^6
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 1.204547e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3224
3223
1
3223
31
749618
749619
752841
749619
752842
752842
752842
752842
752842
752842
752842
752842
752842
752842
752842
752811
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

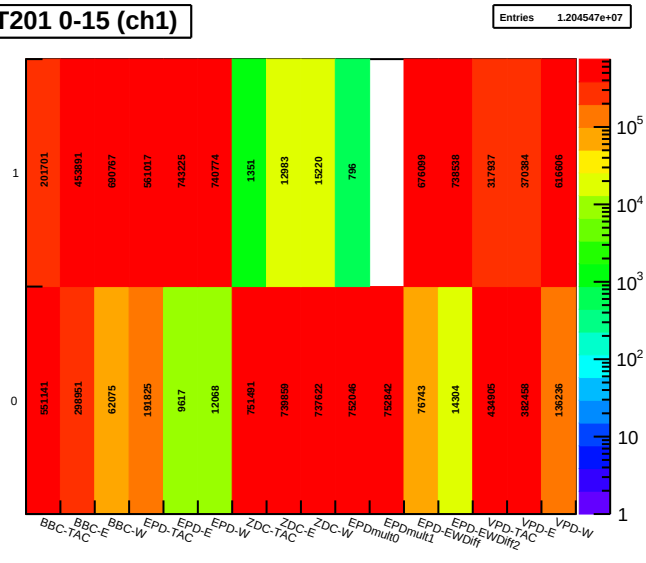
TF201 0-15 (ch0)



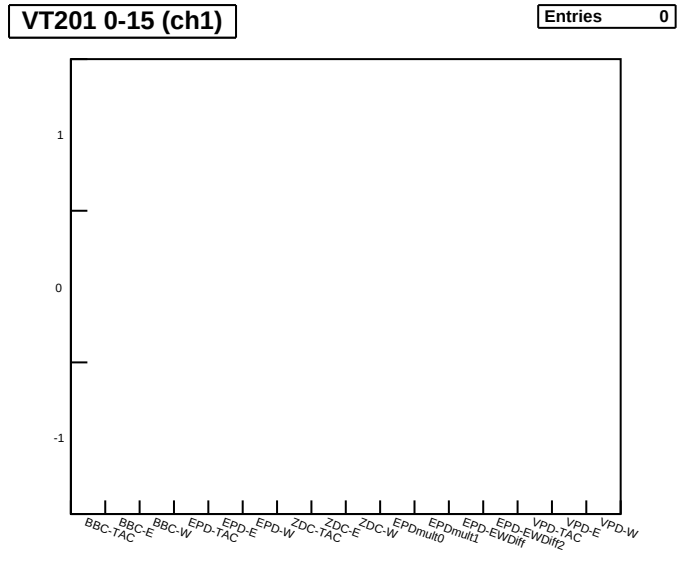
TF201 0-15 (ch0)



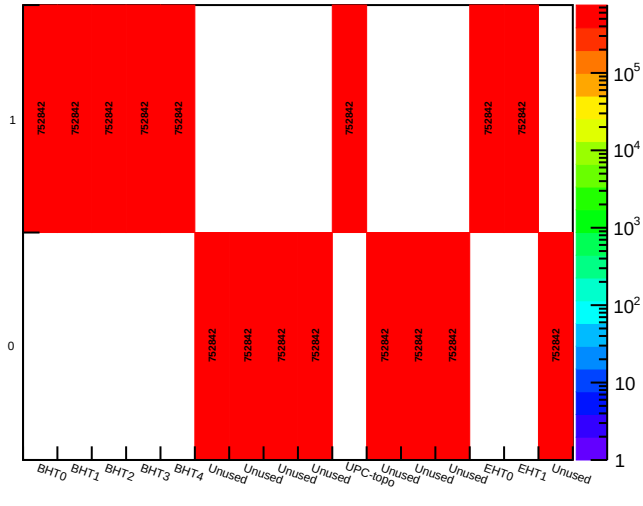
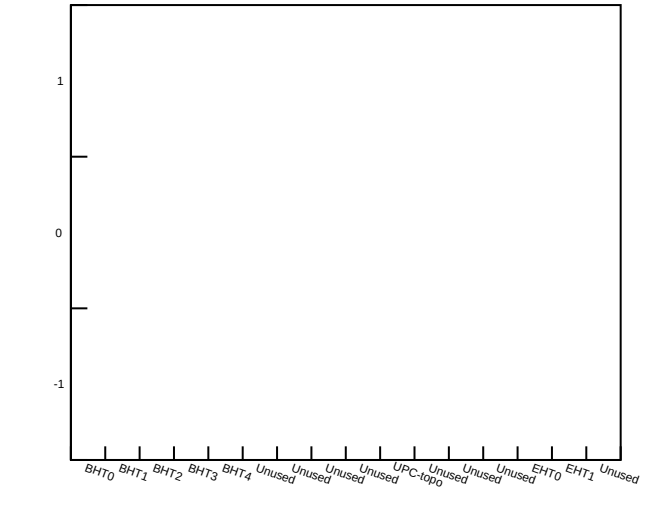
VT201 0-15 (ch1)



VT201 0-15 (ch1)



EM201 0-15 (ch3)



EM201 0-15 (ch3)