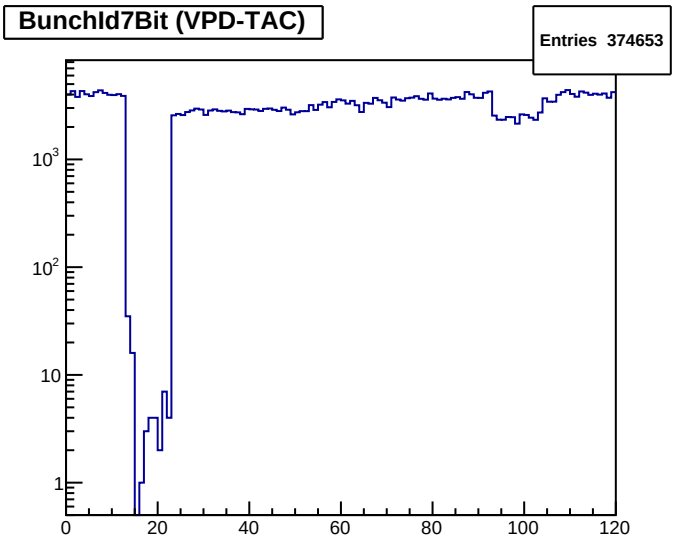
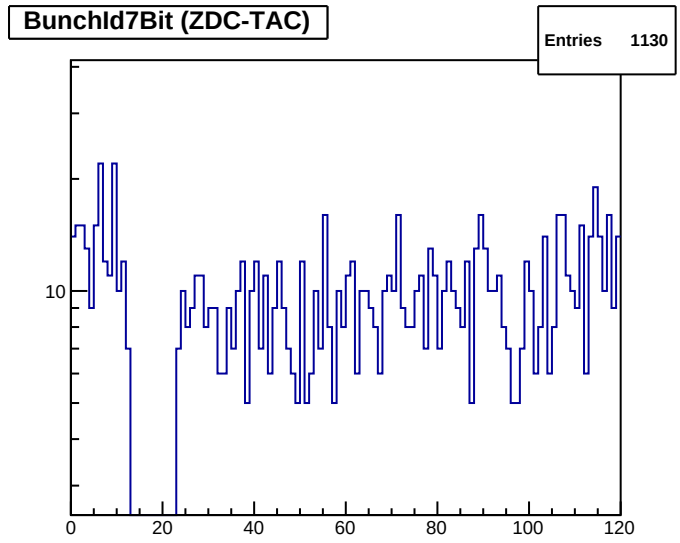
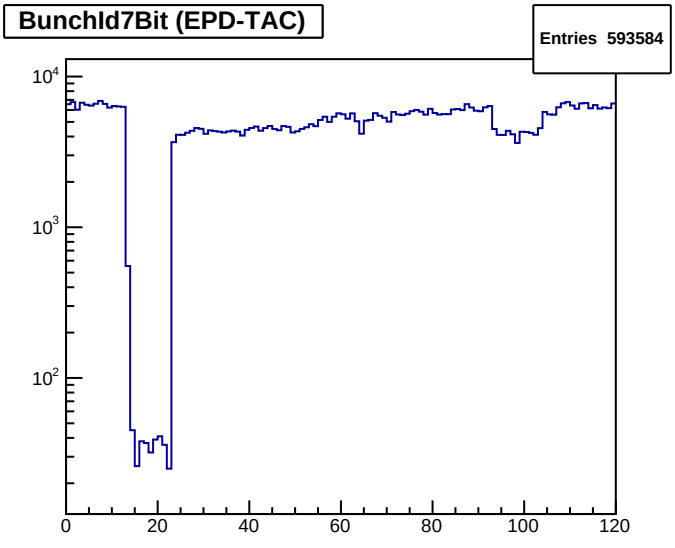
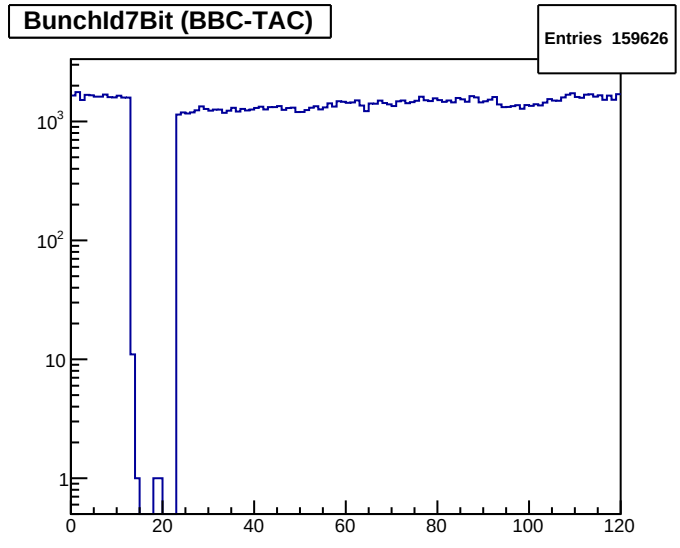
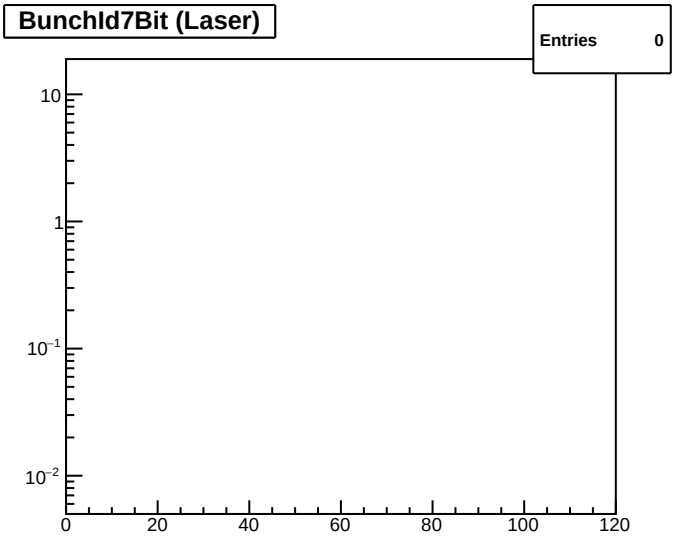
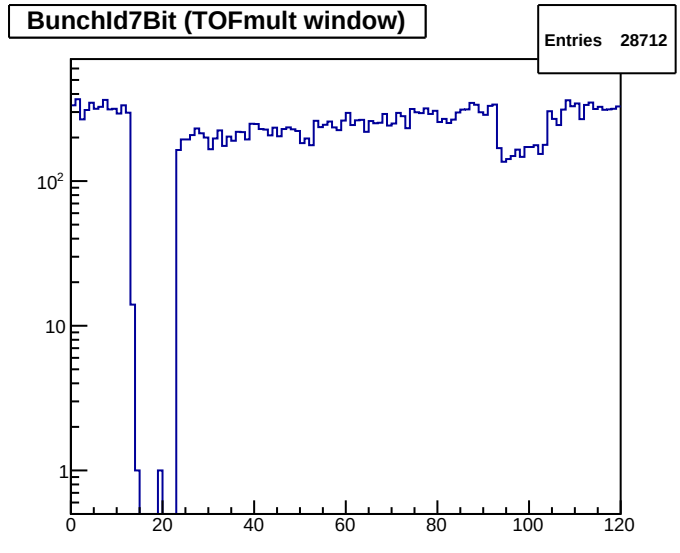

BunchId7Bit (VPD-TAC)
Entries 374653

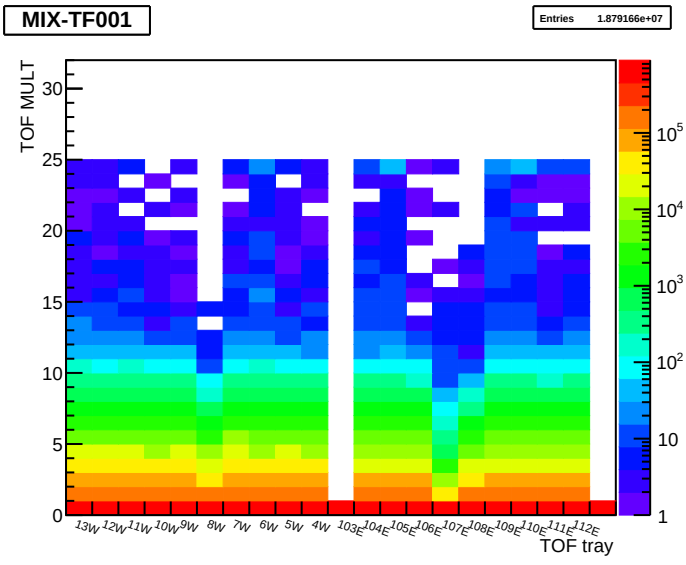

BunchId7Bit (ZDC-TAC)
Entries 1130

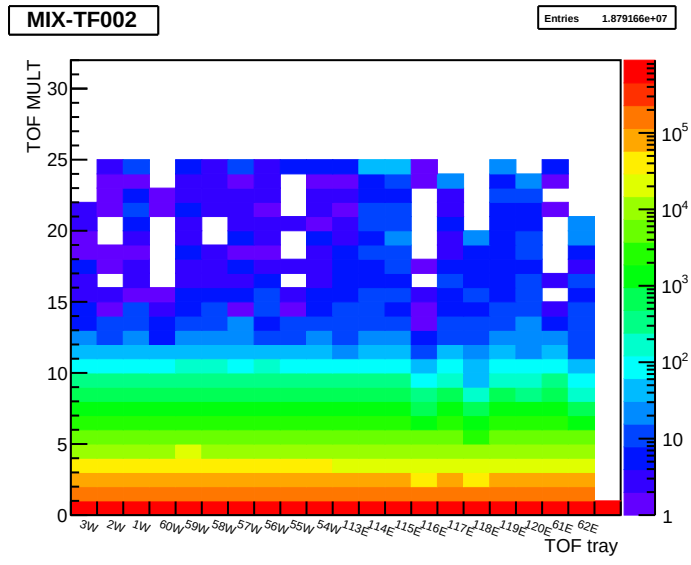

BunchId7Bit (EPD-TAC)
Entries 593584

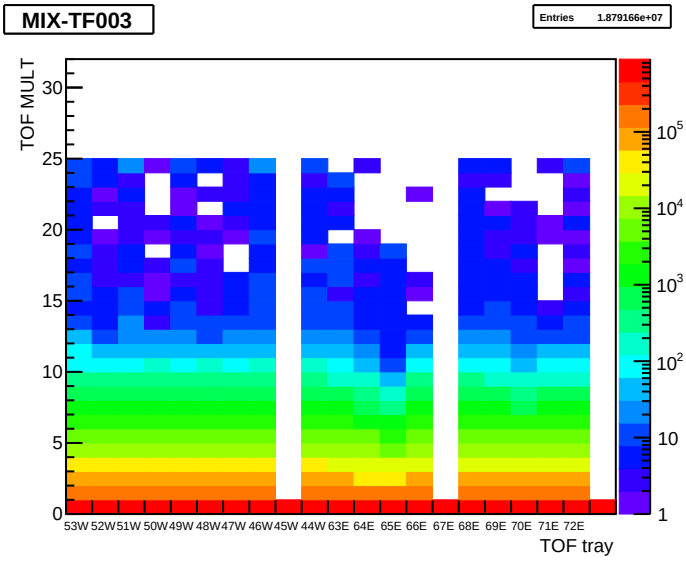

BunchId7Bit (BBC-TAC)
Entries 159626

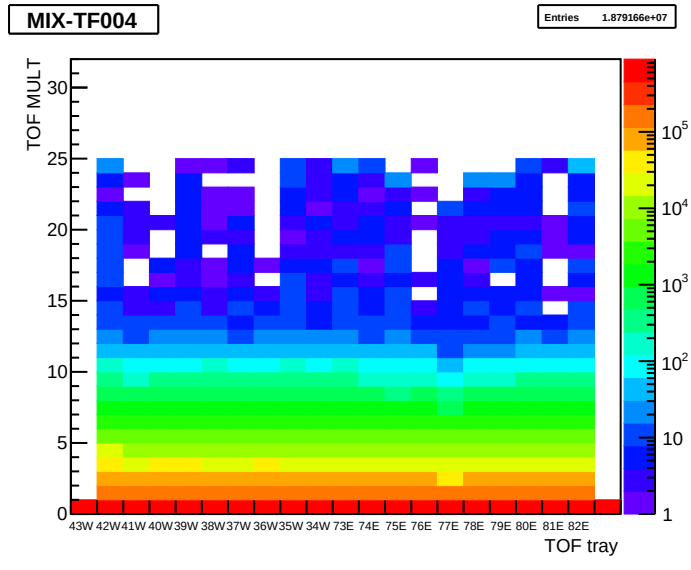

BunchId7Bit (Laser)
Entries 0

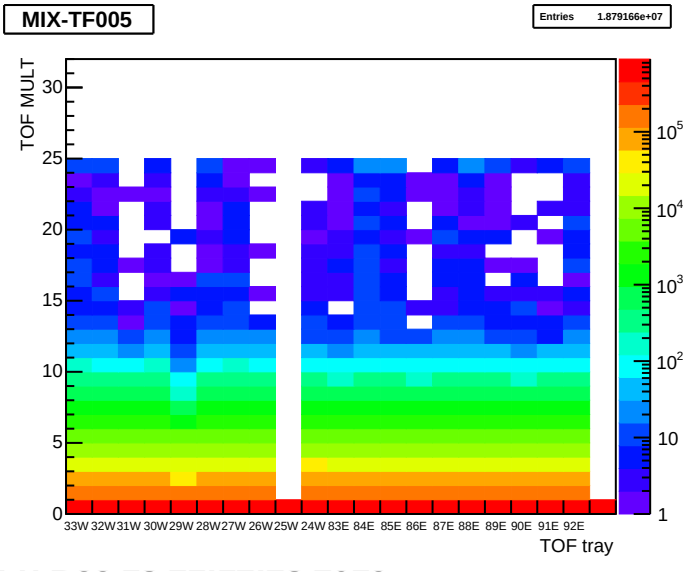

BunchId7Bit (TOFmult window)
Entries 28712

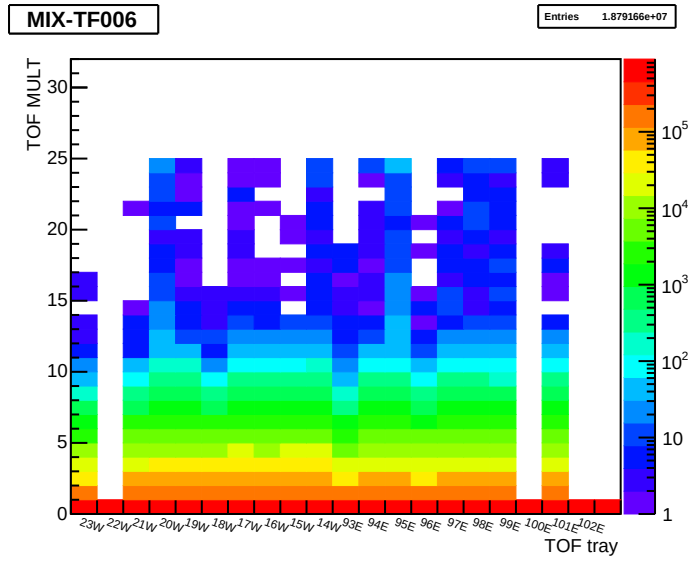

MIX-TF001
Entries 1.879166e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

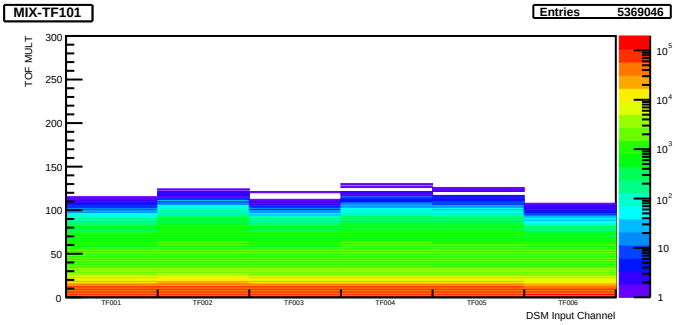

MIX-TF002
Entries 1.879166e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

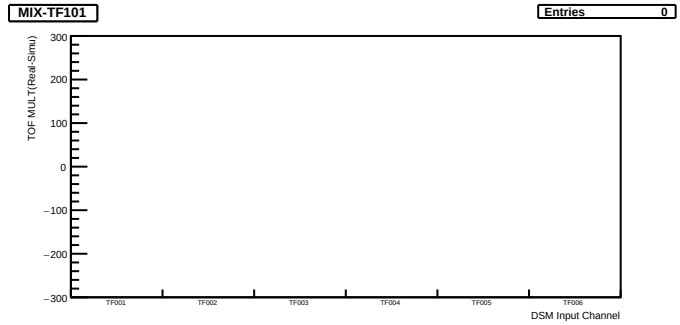

MIX-TF003
Entries 1.879166e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

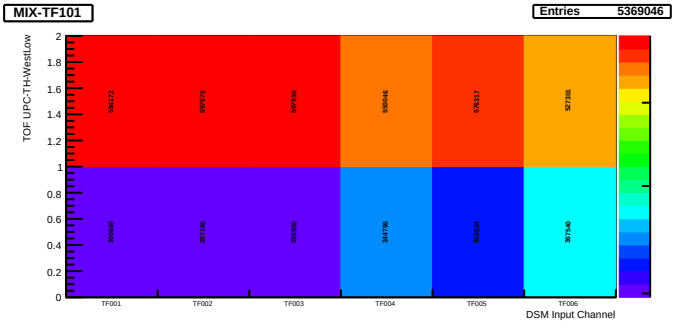

MIX-TF004
Entries 1.879166e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

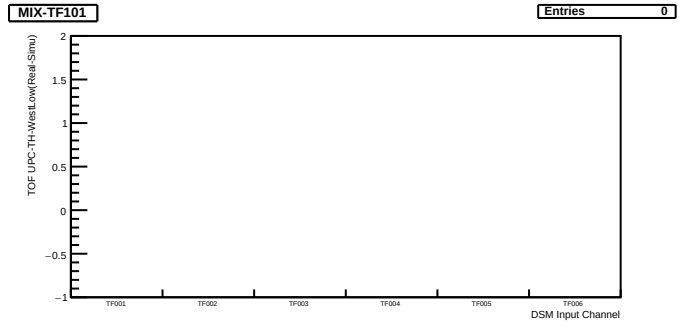

MIX-TF005
Entries 1.879166e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

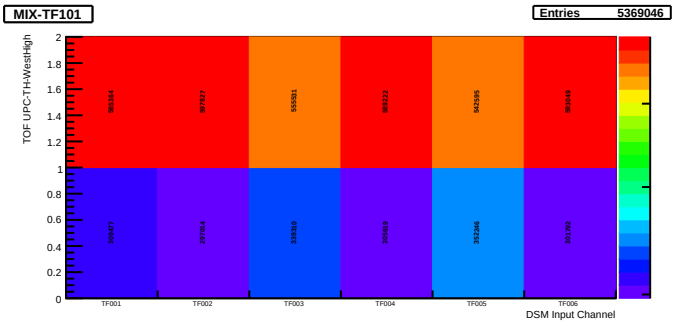

MIX-TF006
Entries 1.879166e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

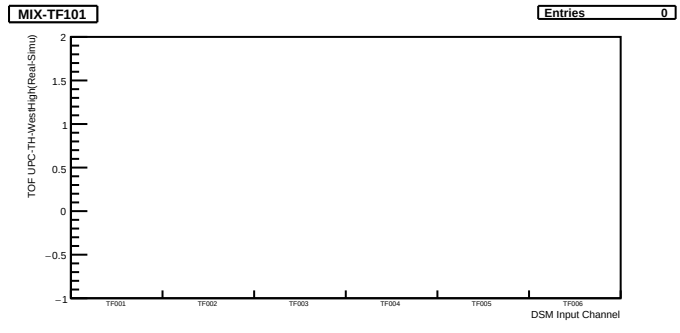

MIX-TF101
Entries 5369046
TOF MULT
DSM Input Channel

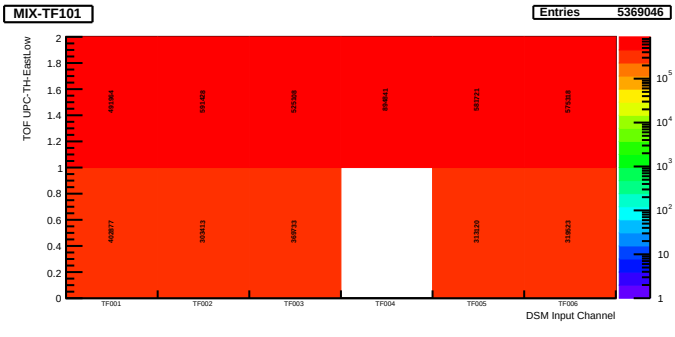

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel

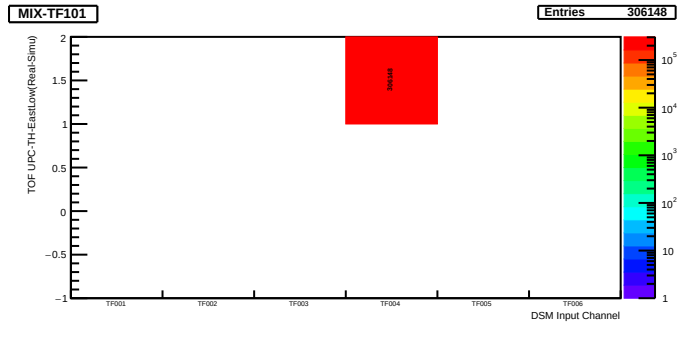

MIX-TF101
Entries 5369046
TOF UPC-TH-WestLow
DSM Input Channel

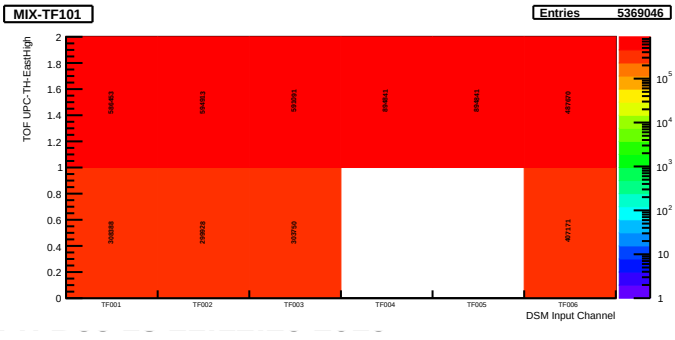

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel

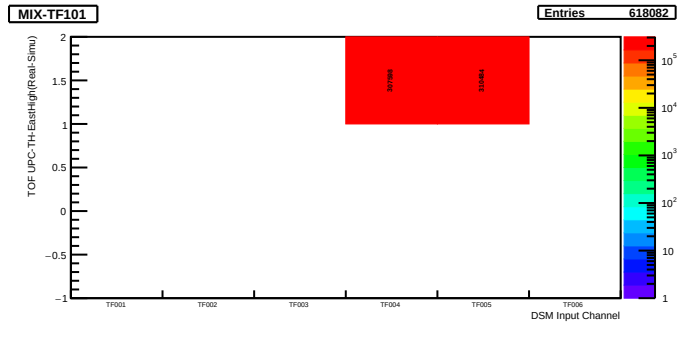

MIX-TF101
Entries 5369046
TOF UPC-TH-WestHigh
DSM Input Channel

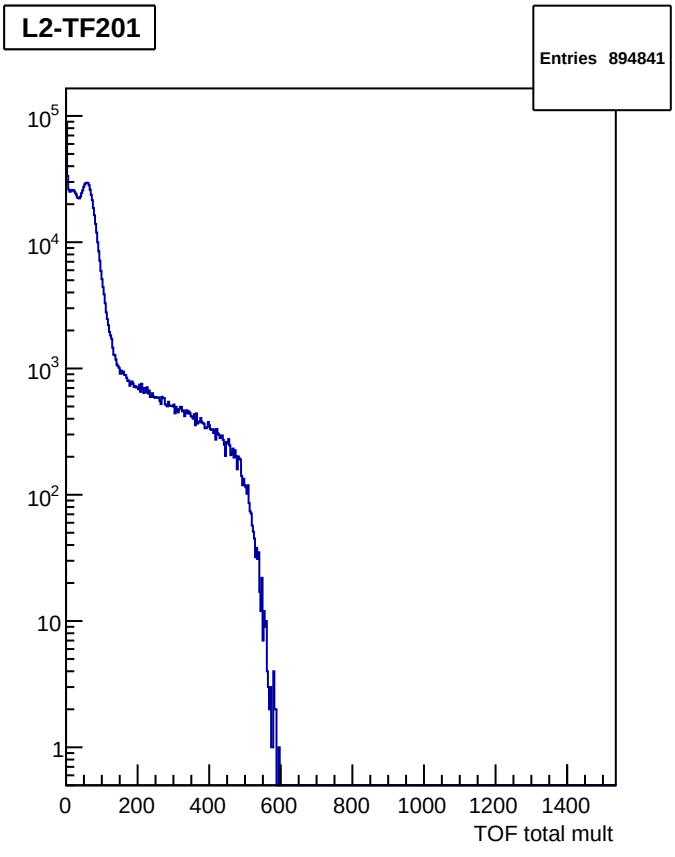

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel

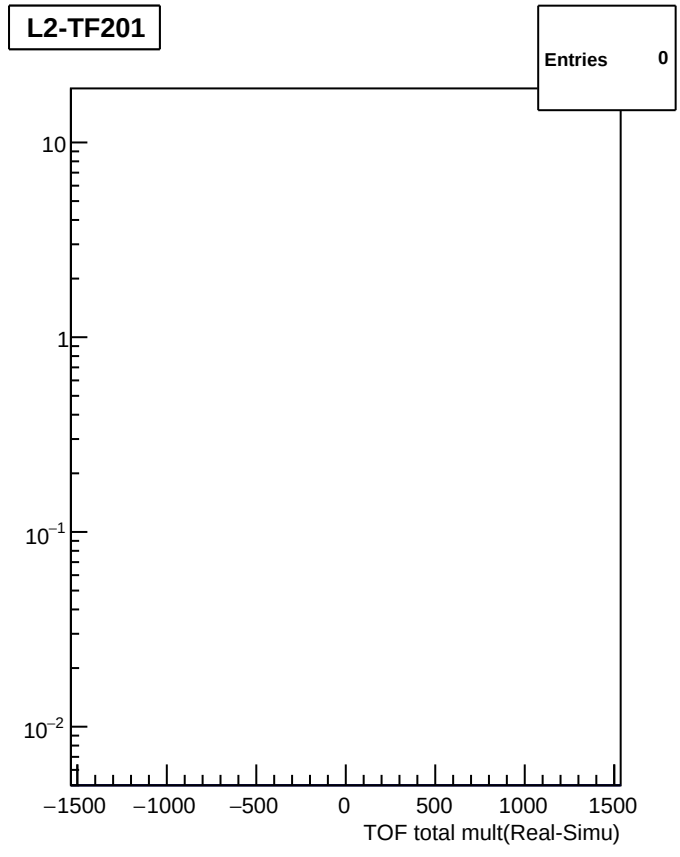

MIX-TF101
Entries 5369046
TOF UPC-TH-EastLow
DSM Input Channel

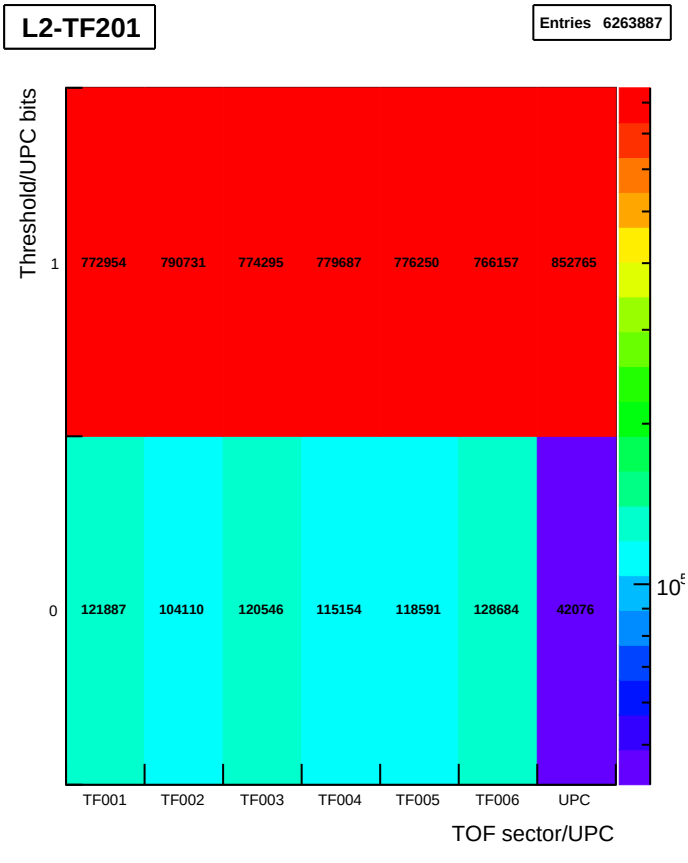

MIX-TF101
Entries 306148
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel

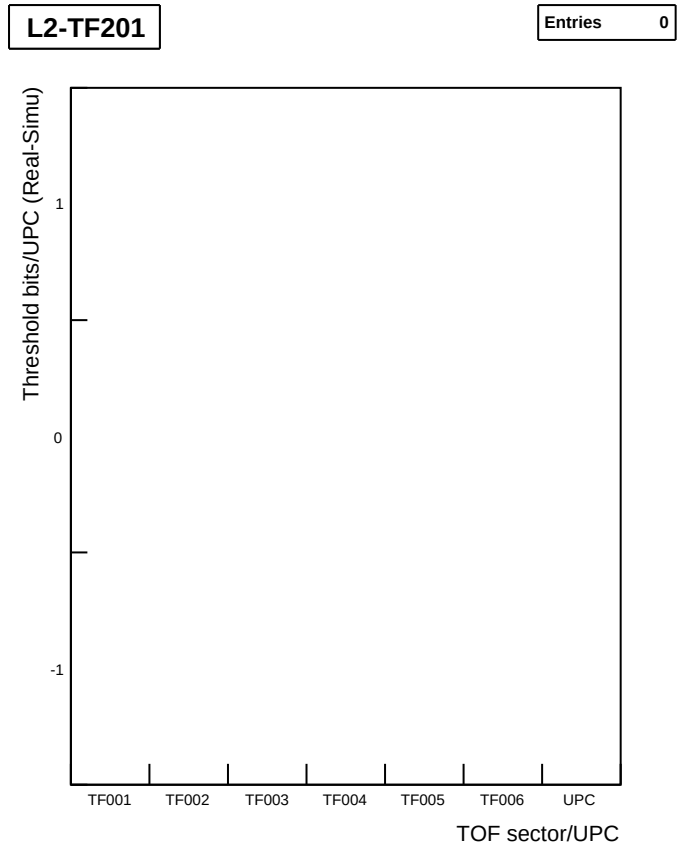

MIX-TF101
Entries 5369046
TOF UPC-TH-EastHigh
DSM Input Channel

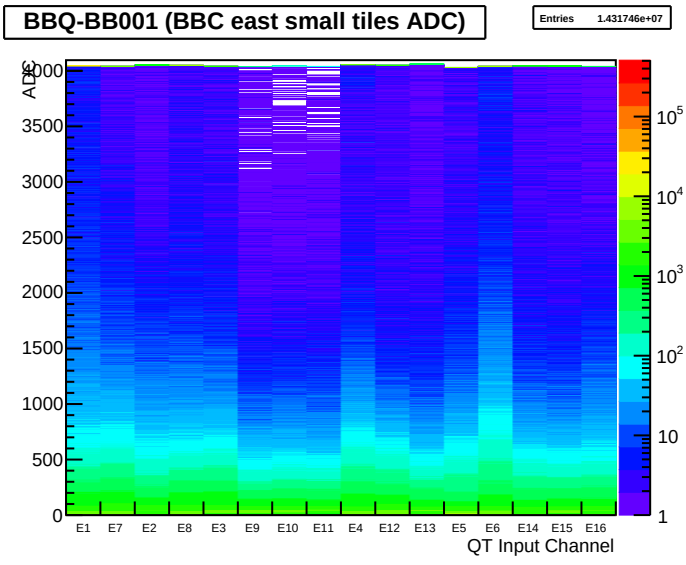

MIX-TF101
Entries 618082
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel

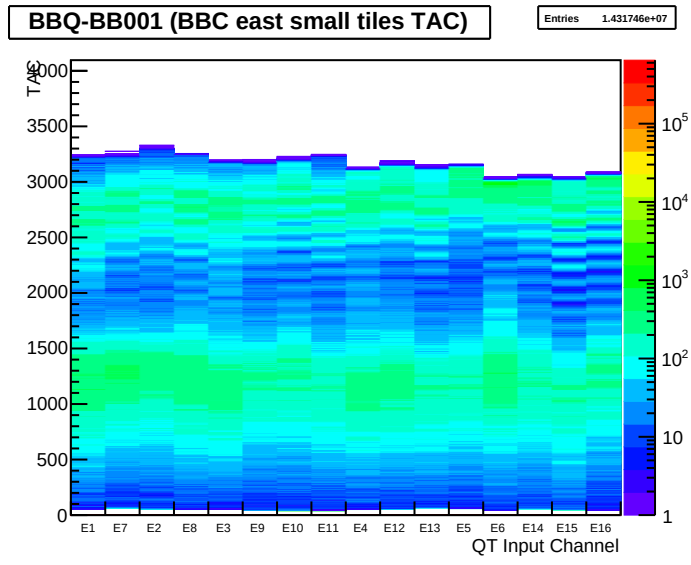

L2-TF201
Entries 894841
TOF total mult

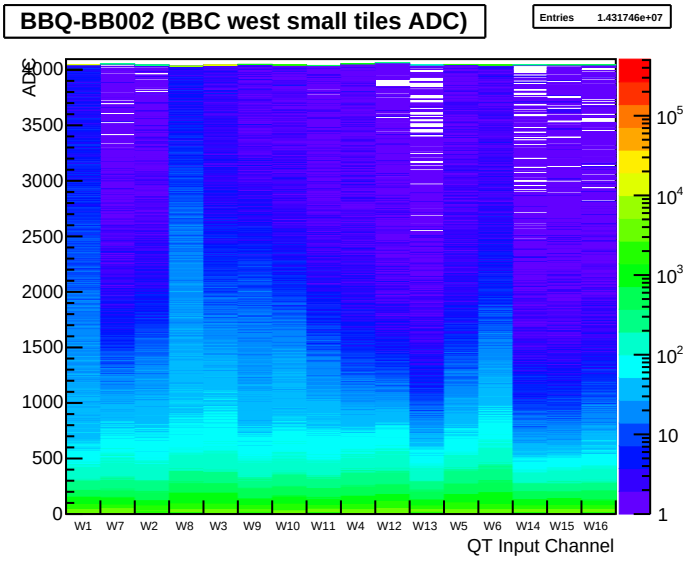

L2-TF201
Entries 0
TOF total mult(Real-Simu)

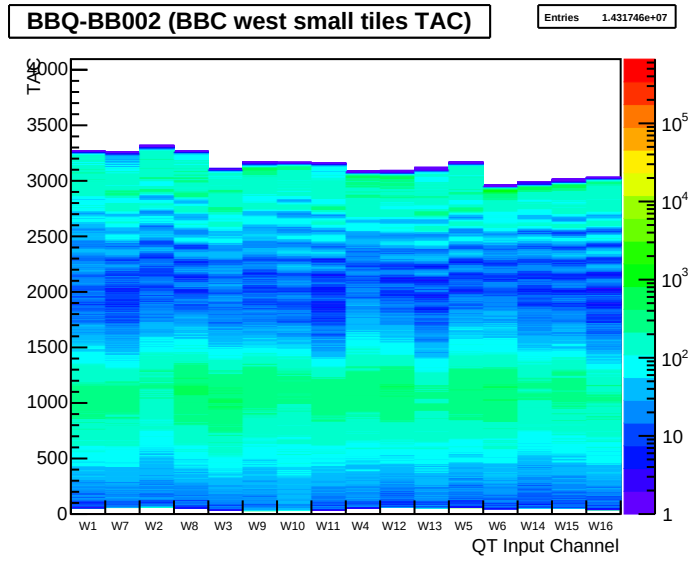

L2-TF201
Entries 6263887
Threshold/UPC bits
772954
790731
774295
779687
776250
766157
852765
121887
104110
120546
115154
118591
128684
42076
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

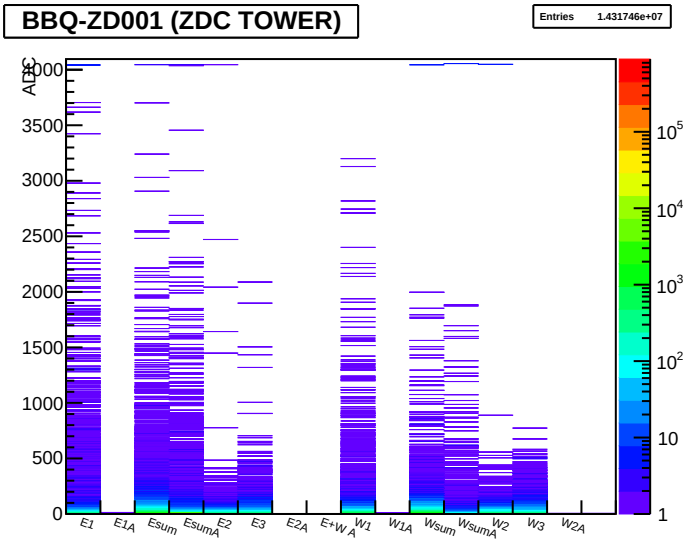

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

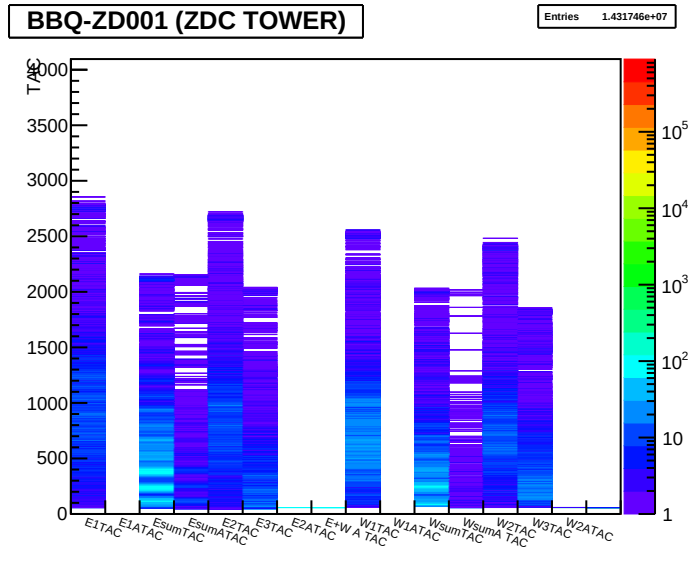

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.431746e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

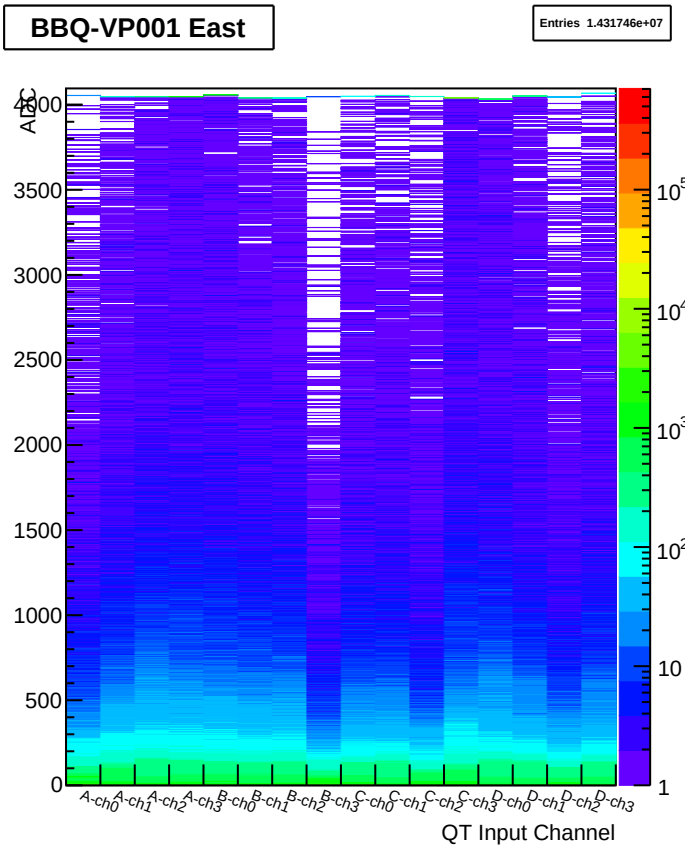

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.431746e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

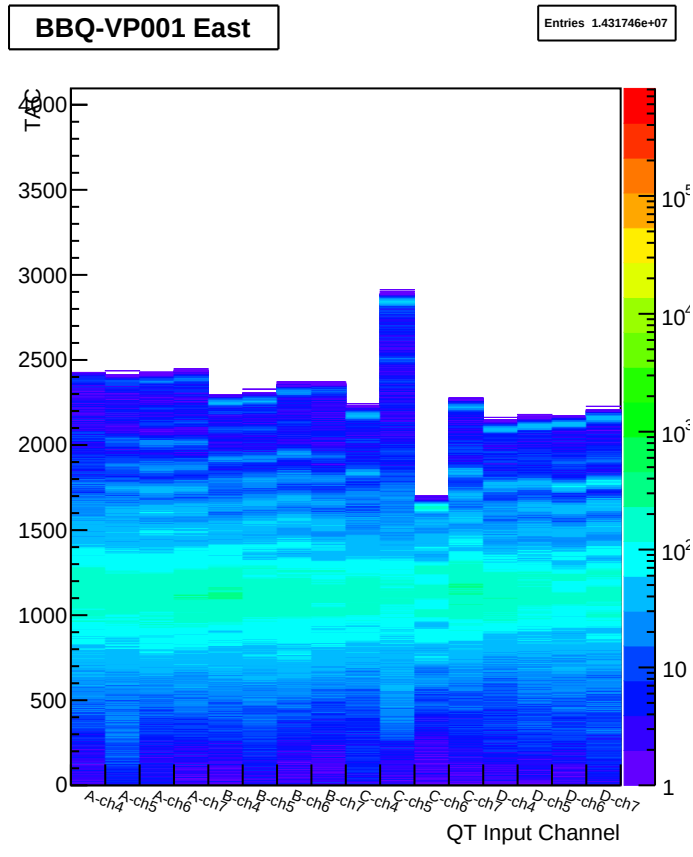

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.431746e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

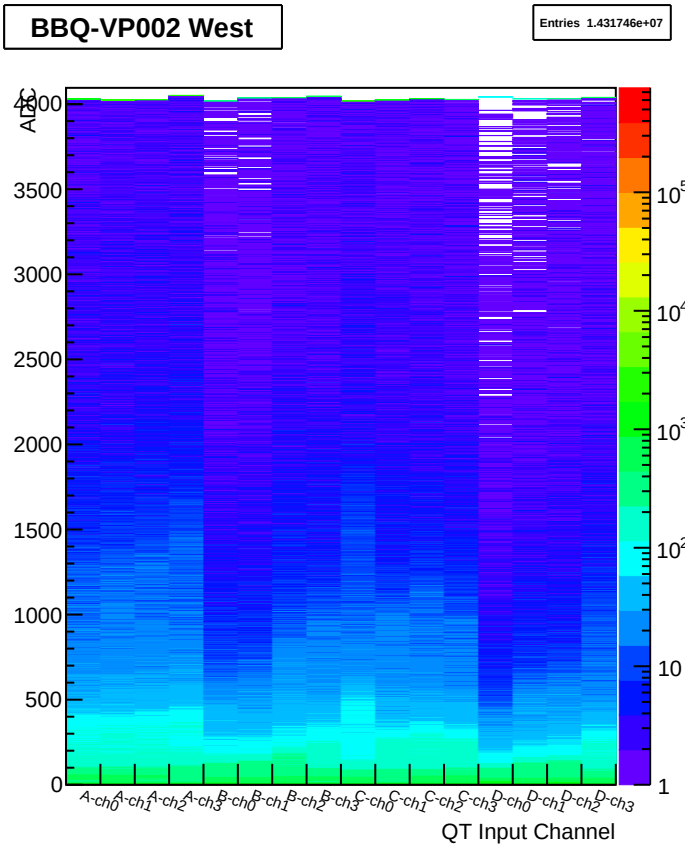

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.431746e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

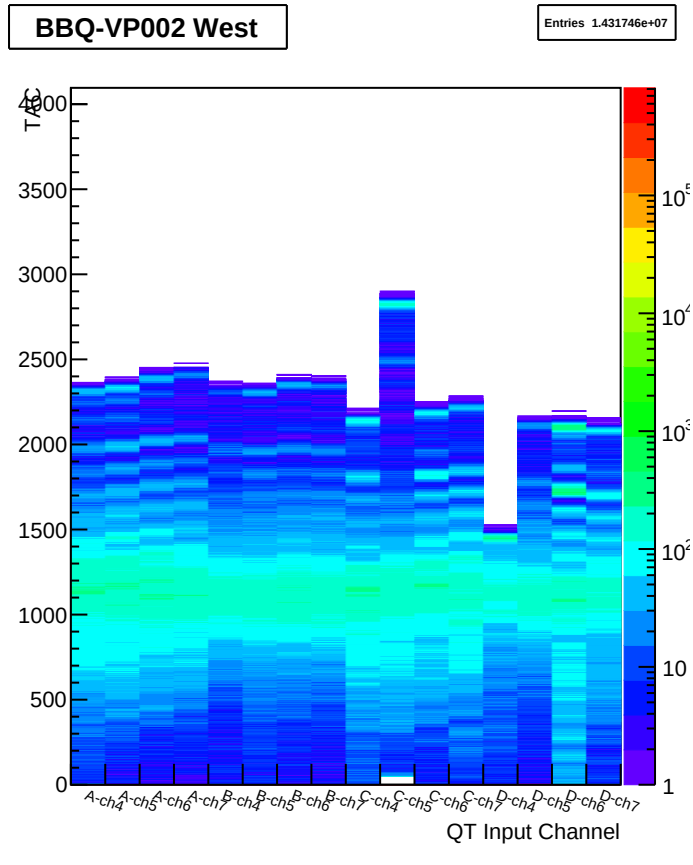

BBQ-ZD001 (ZDC TOWER)
Entries 1.431746e+07
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

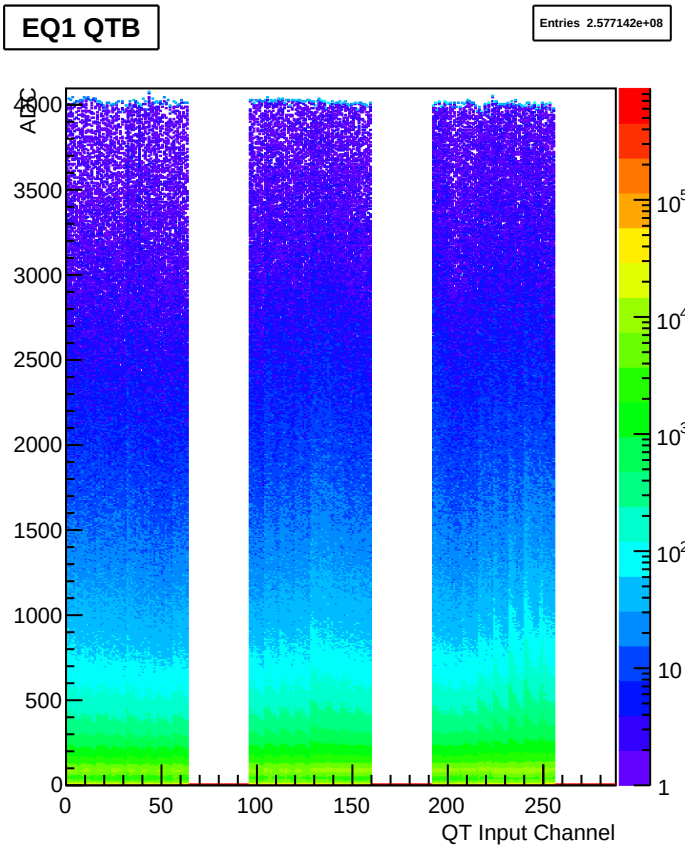

BBQ-ZD001 (ZDC TOWER)
Entries 1.431746e+07
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

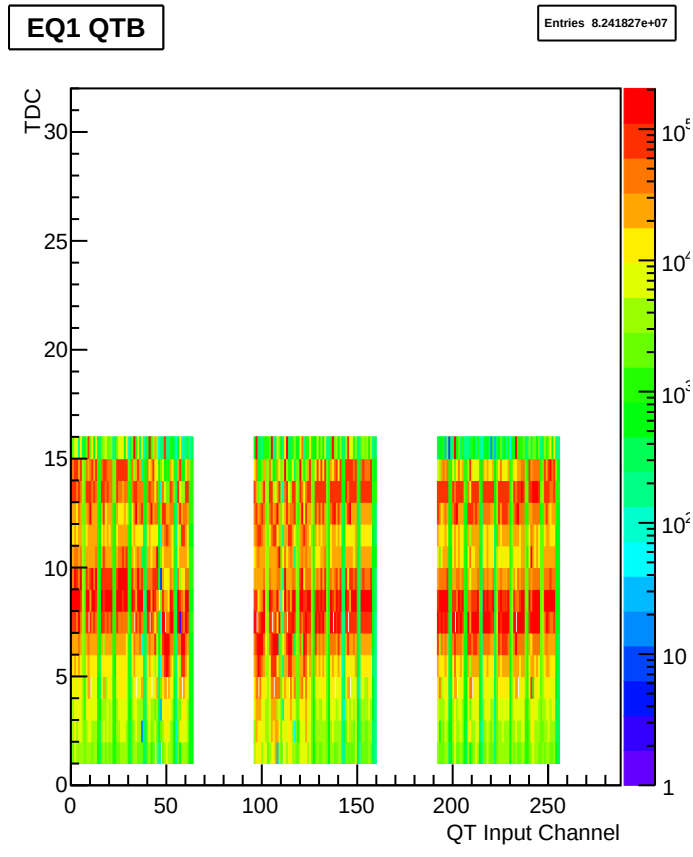

BBQ-VP001 East
Entries 1.431746e+07
ADC
QT Input Channel

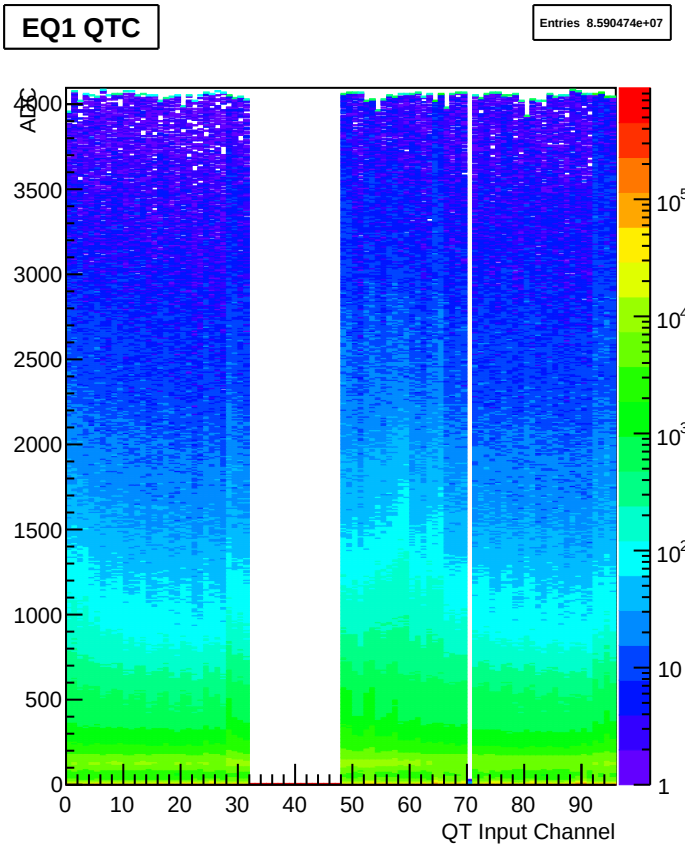

BBQ-VP001 East
Entries 1.431746e+07
TADC
QT Input Channel

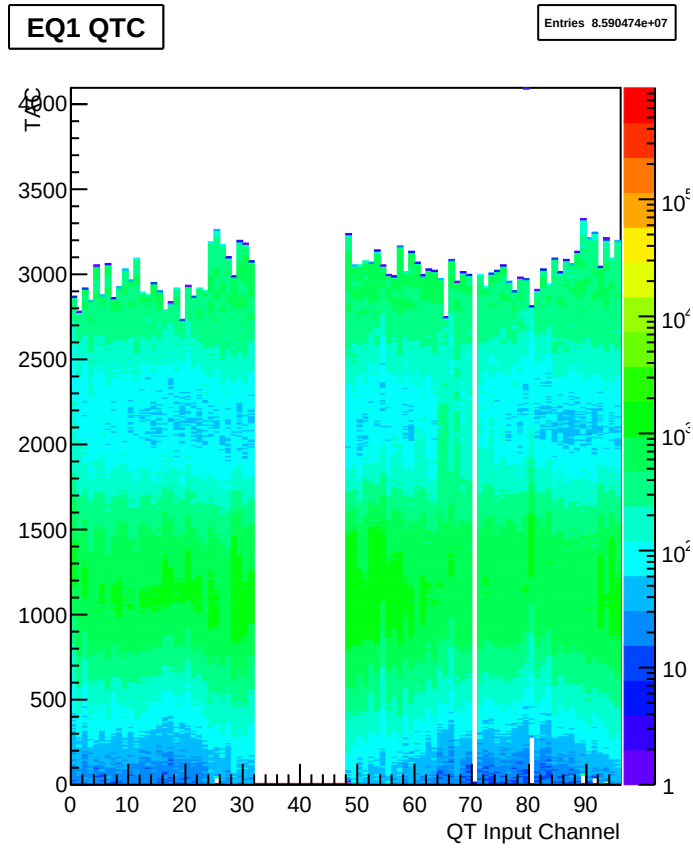

BBQ-VP002 West
Entries 1.431746e+07
ADC
QT Input Channel

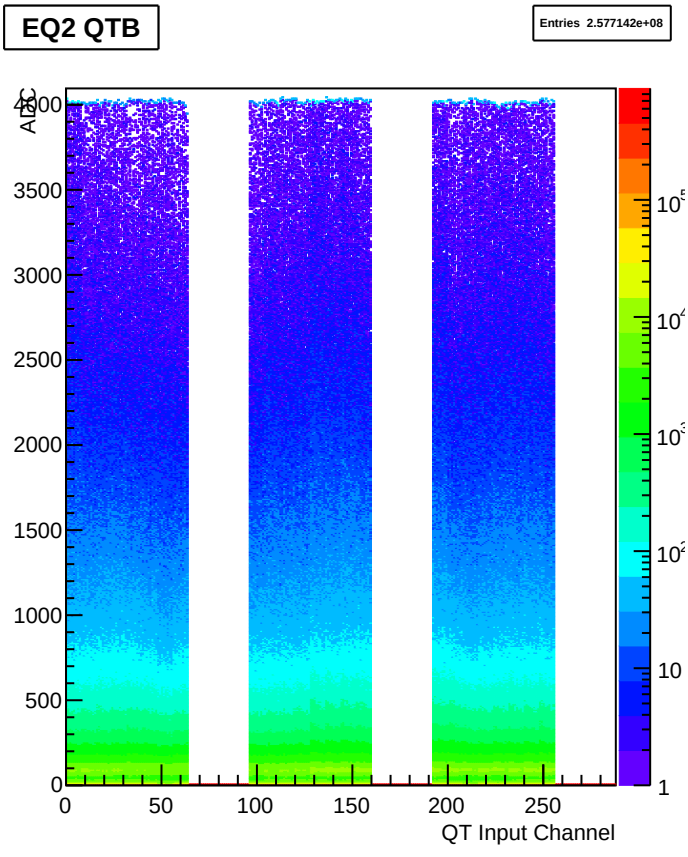

BBQ-VP002 West
Entries 1.431746e+07
TADC
QT Input Channel

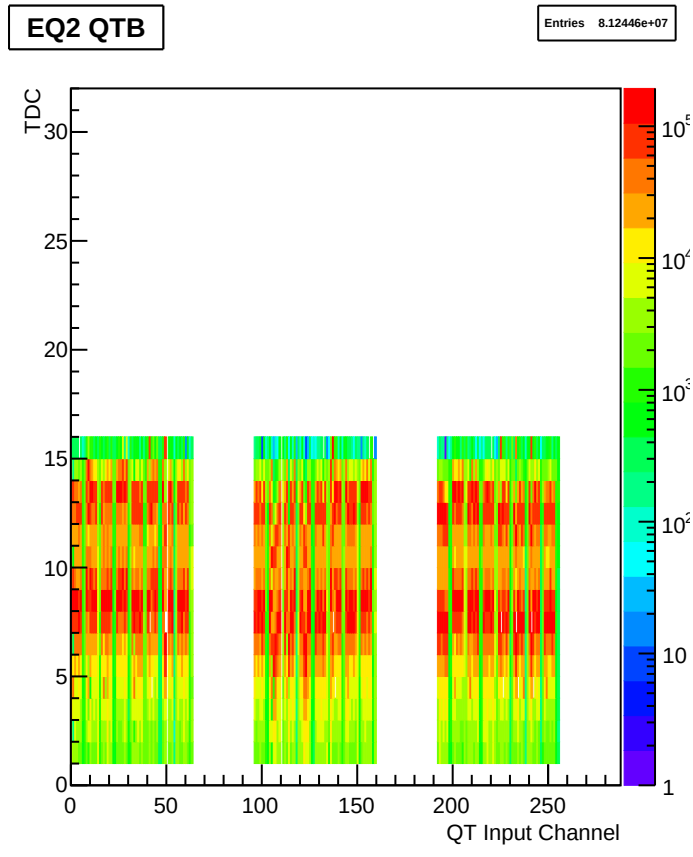

EQ1 QTB
Entries 2.577142e+08
ADC
QT Input Channel

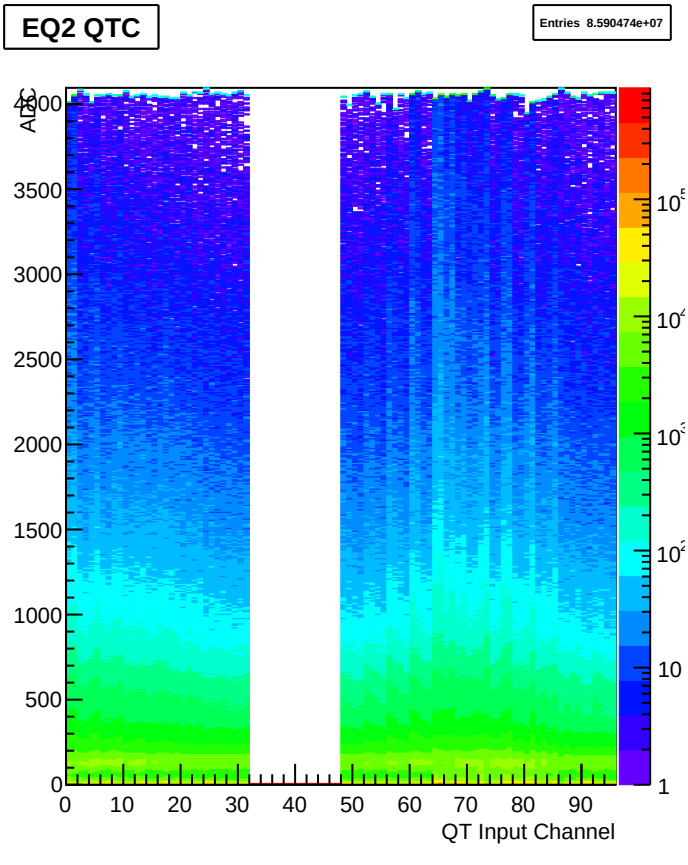

EQ1 QTB
Entries 8.241827e+07
TDC
QT Input Channel

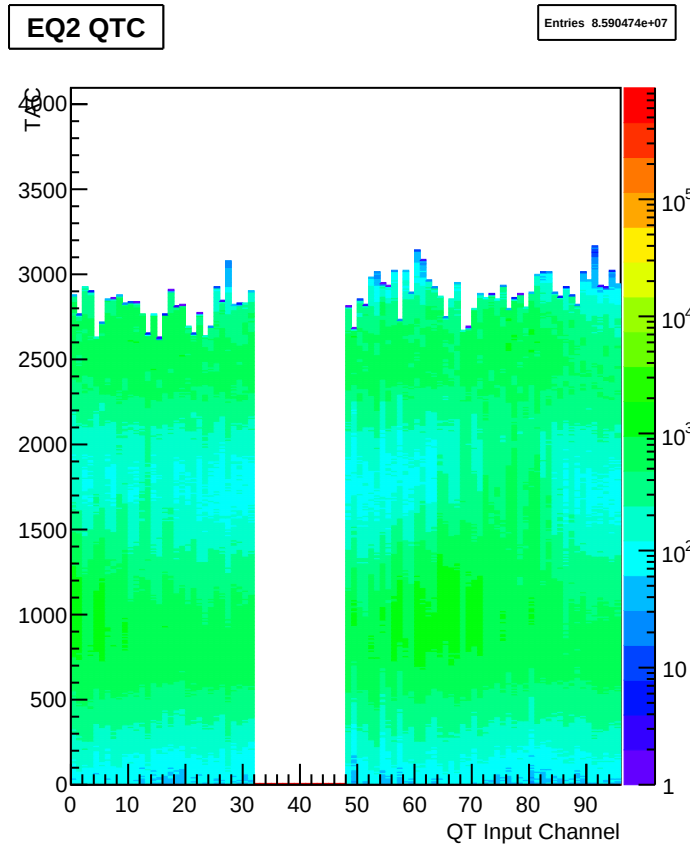

EQ1 QTC
Entries 8.590474e+07
ADC
QT Input Channel

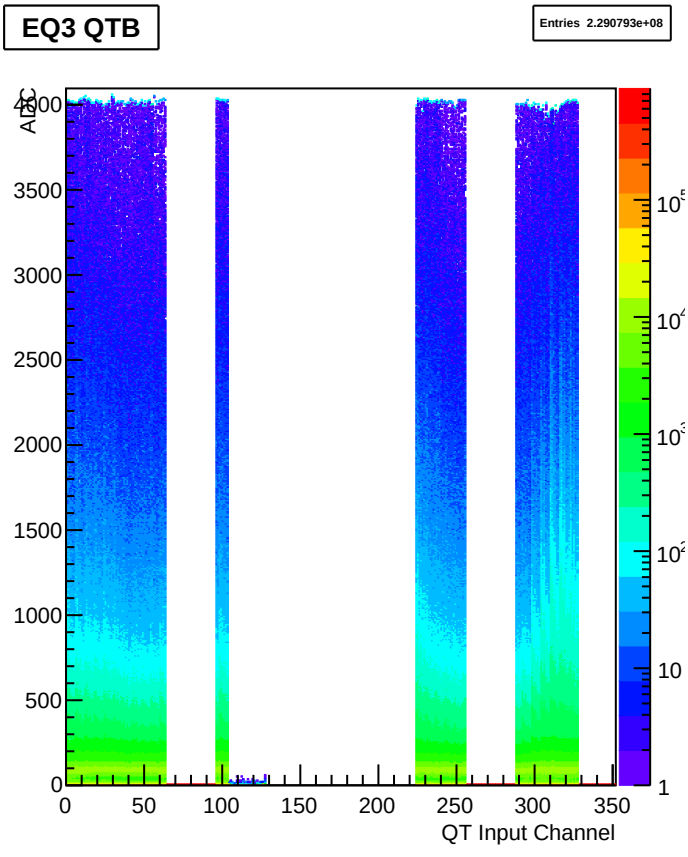

EQ1 QTC
Entries 8.590474e+07
TADC
QT Input Channel

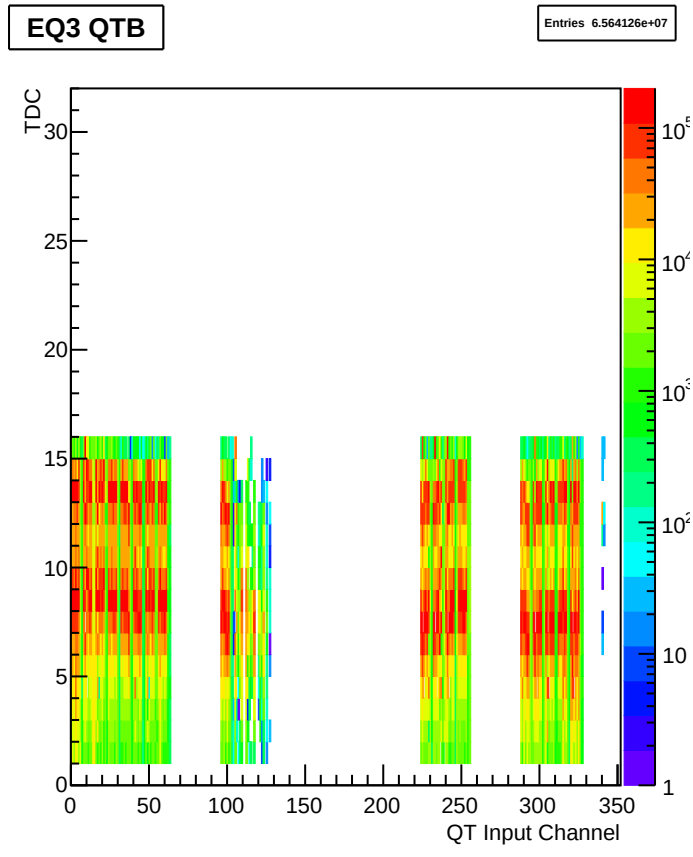

EQ2 QTB
Entries 2.577142e+08
ADC
QT Input Channel

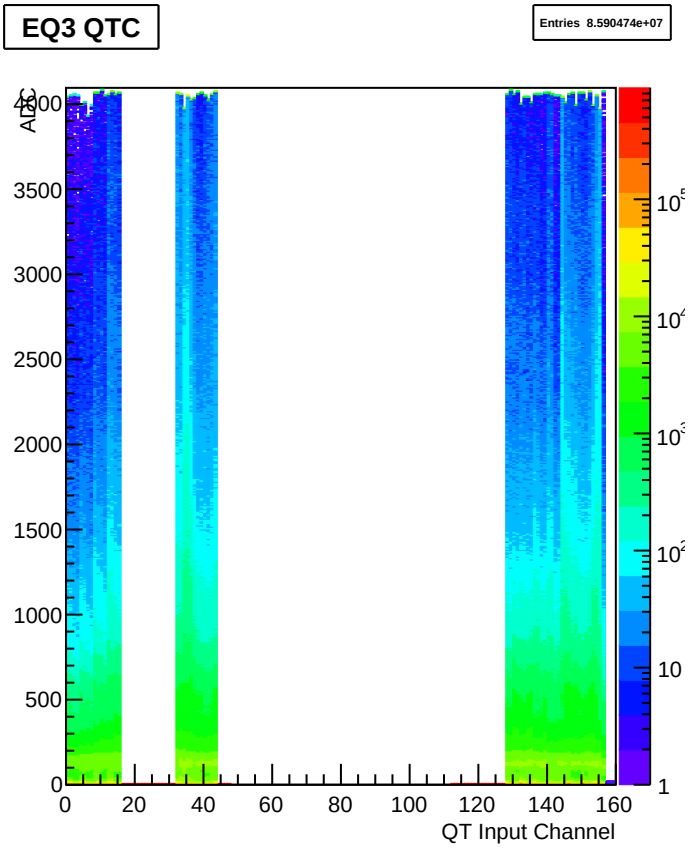

EQ2 QTB
Entries 8.12446e+07
TDC
QT Input Channel

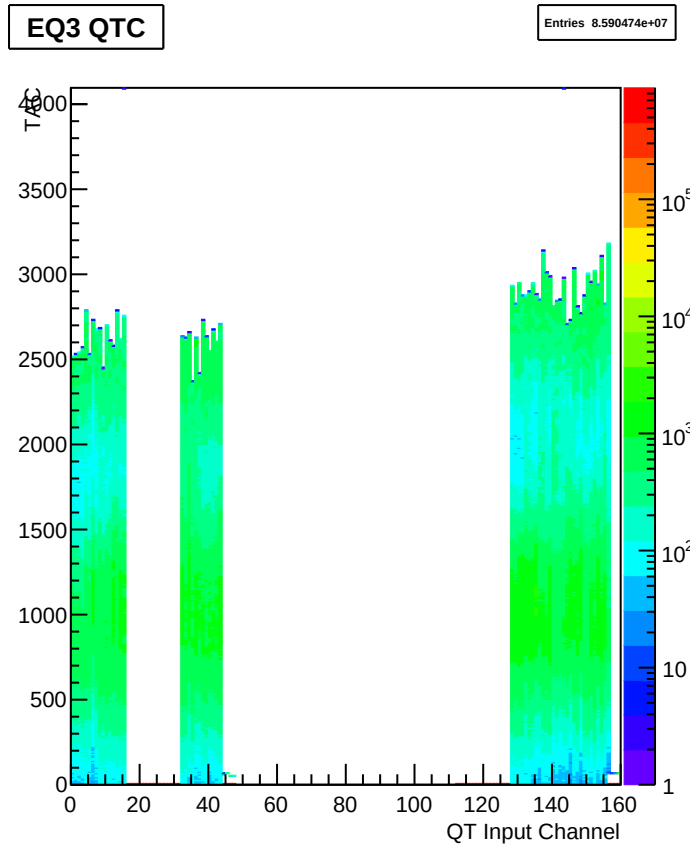

EQ2 QTC
Entries 8.590474e+07
ADC
QT Input Channel

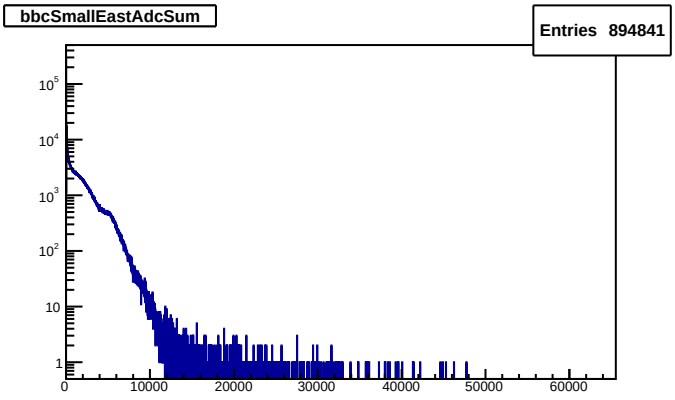

EQ2 QTC
Entries 8.590474e+07
TADC
QT Input Channel

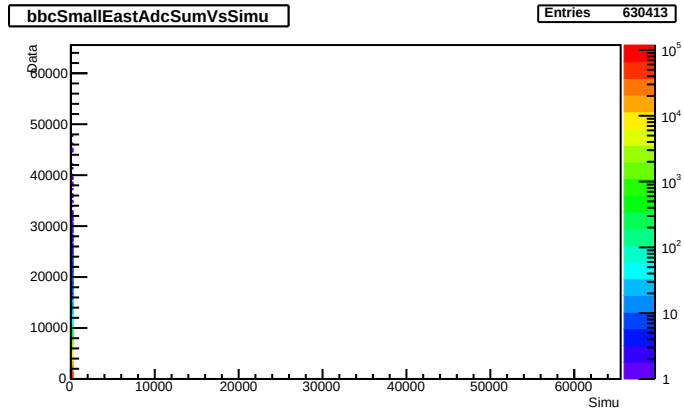

EQ3 QTB
Entries 2.290793e+08
ADC
QT Input Channel

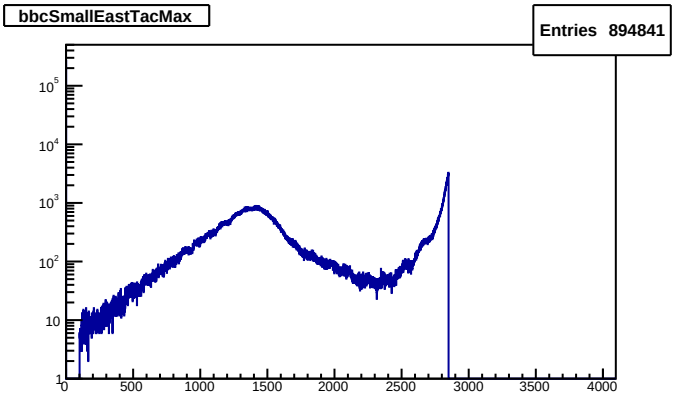

EQ3 QTB
Entries 6.564126e+07
TDC
QT Input Channel

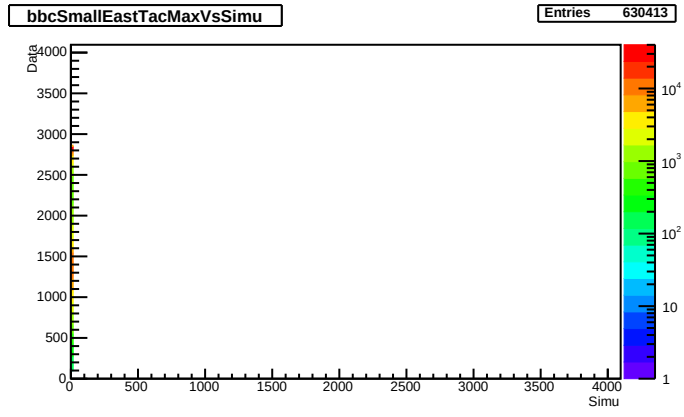

EQ3 QTC
Entries 8.590474e+07
ADC
QT Input Channel


EQ3 QTC
Entries 8.590474e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 894841


bbcSmallEastAdcSumVsSimu
Entries 630413
Data
Simu


bbcSmallEastTacMax
Entries 894841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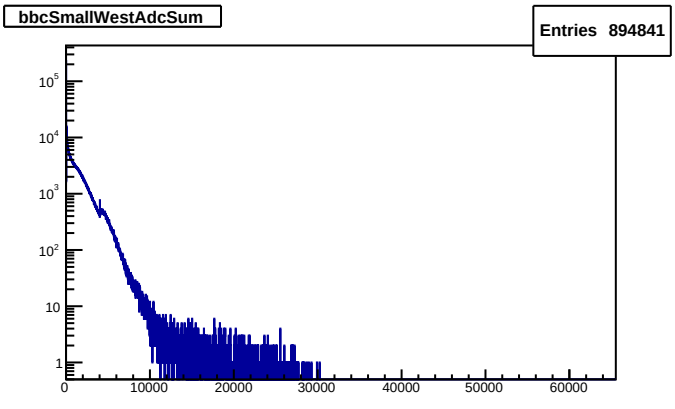
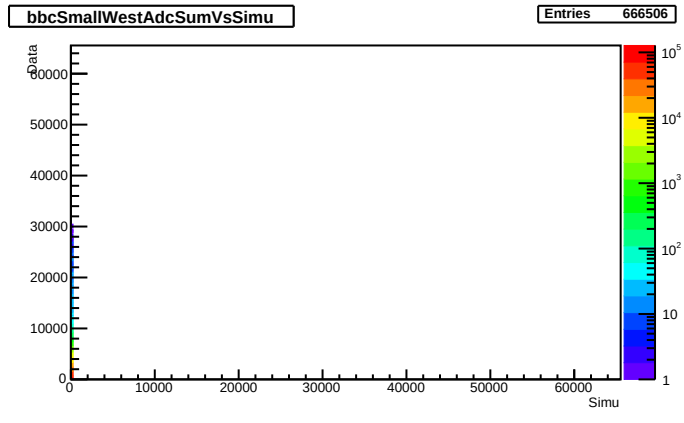
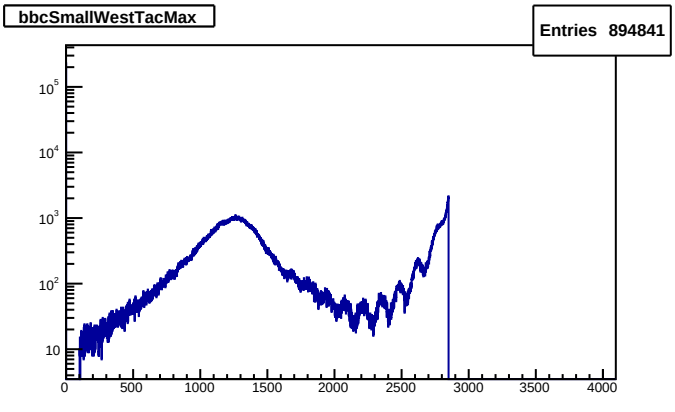
Entries 630413
Data
Simu


bbcSmallWestAdcSum
Entries 894841


bbcSmallWestAdcSumVsSimu
Entries 666506
Data
Simu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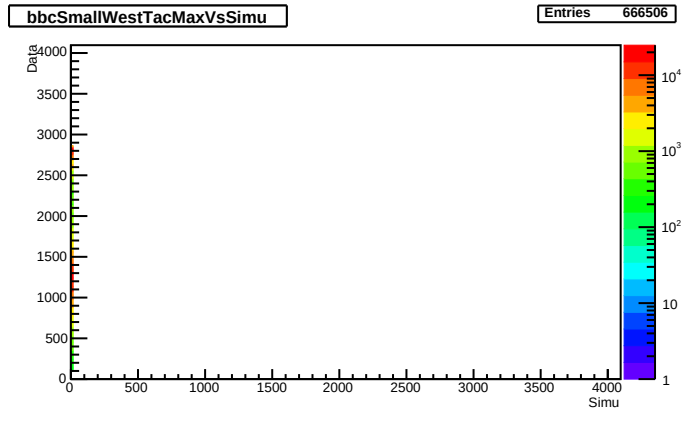
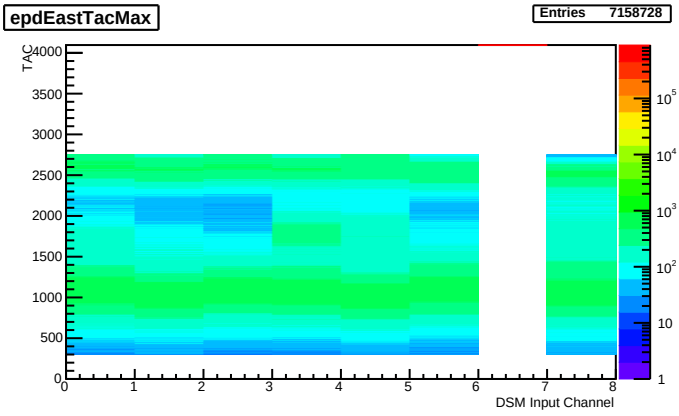
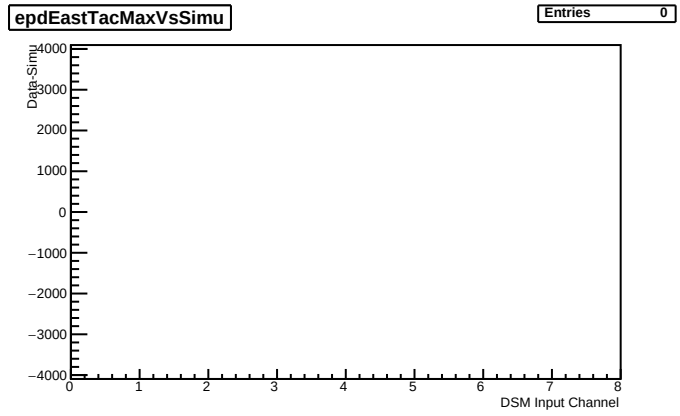
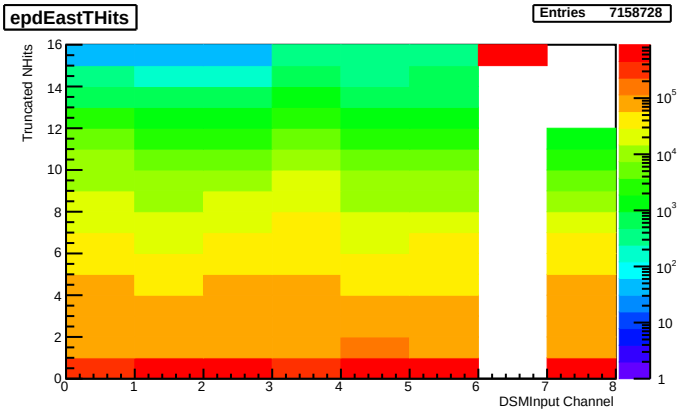
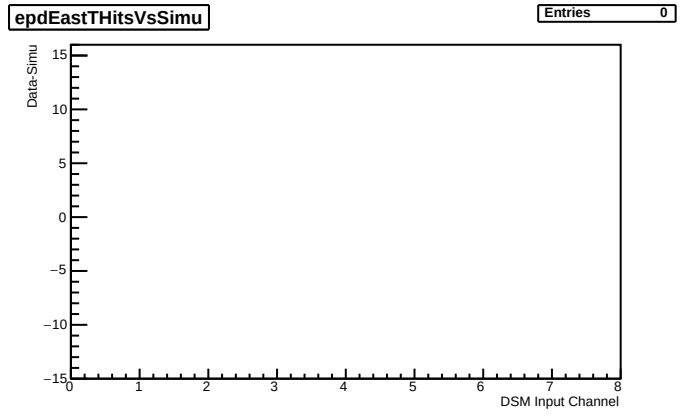
Entries 894841


bbcSmallWestTacMaxVsSimu
Entries 666506
Data
Simu


epdEastTacMax
Entries 7158728
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 7158728
Truncated NHits
DSMInput Channel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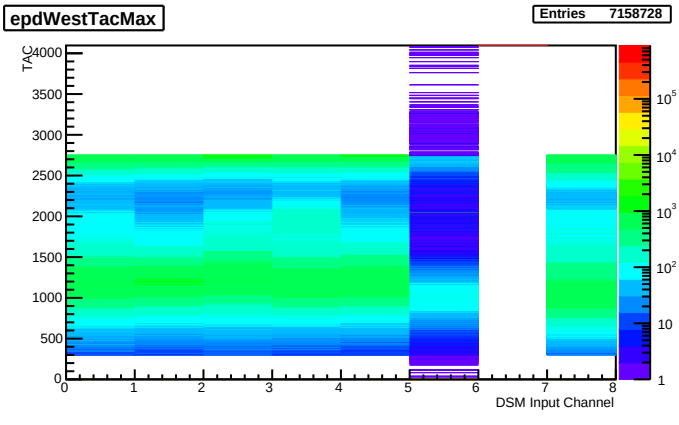
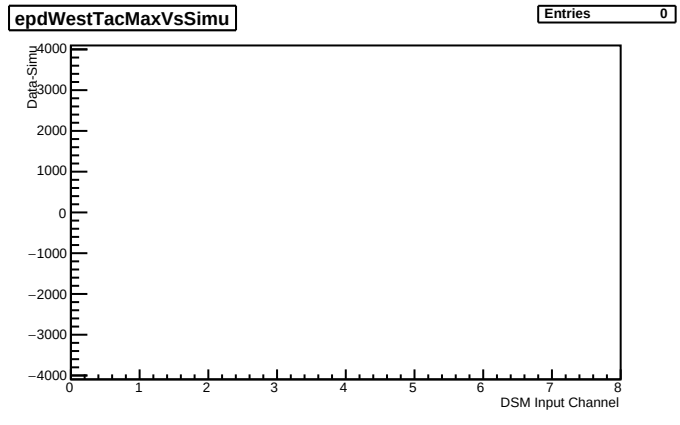
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 7158728
TAC
DSM Input Channel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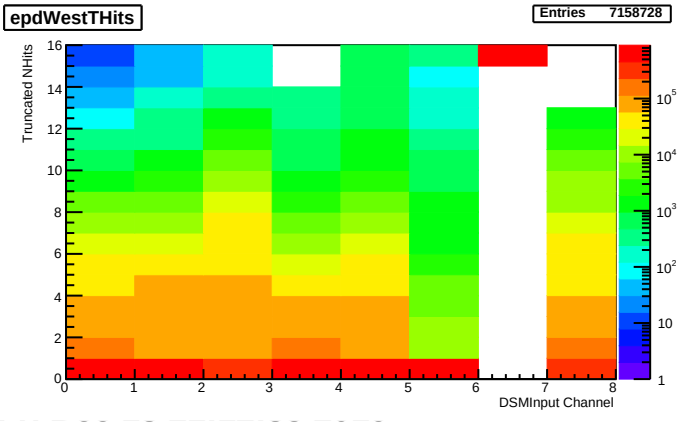
Entries 0
Data-Simu
DSM Input Channel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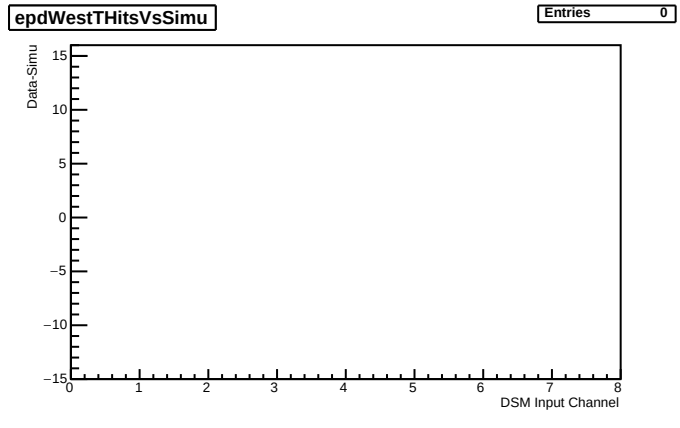
Entries 7158728
Truncated NHits
DSMInput Channel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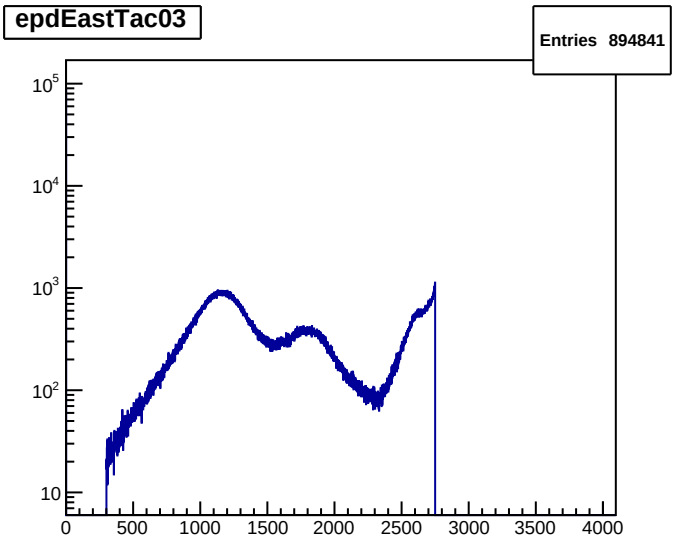
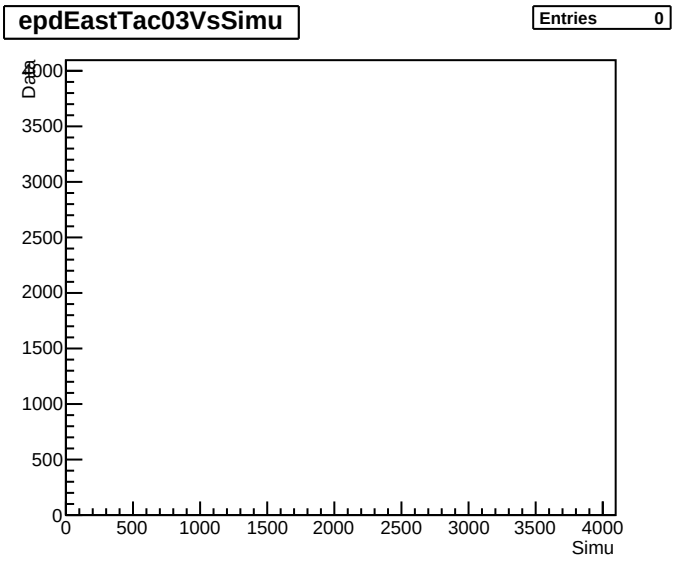
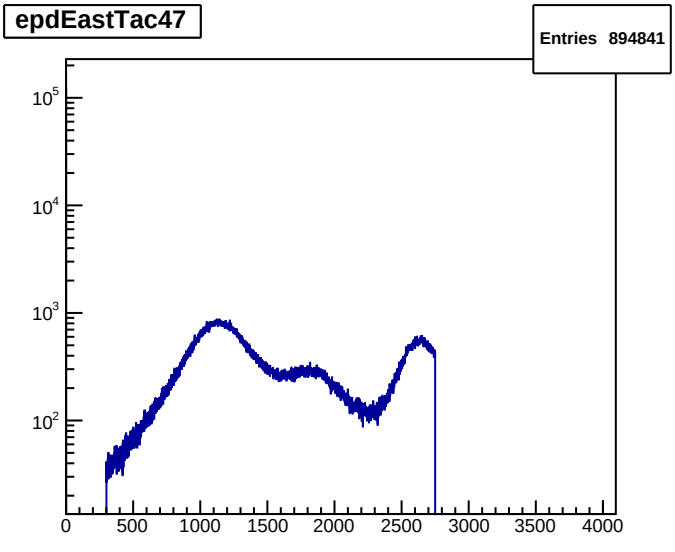
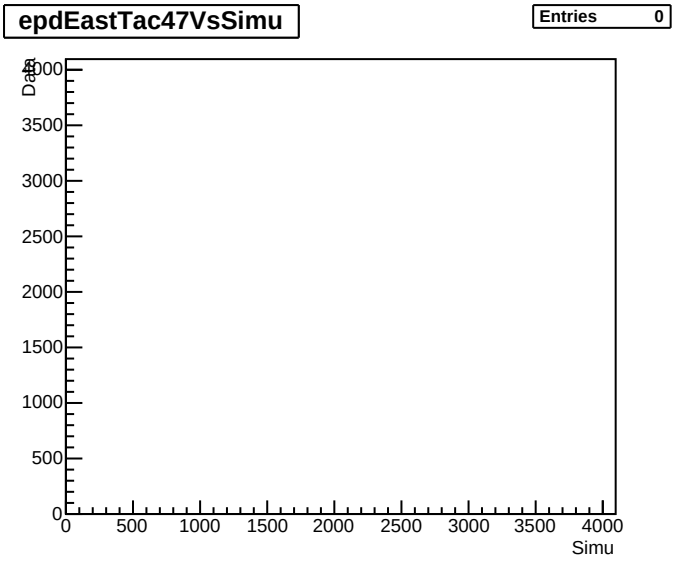
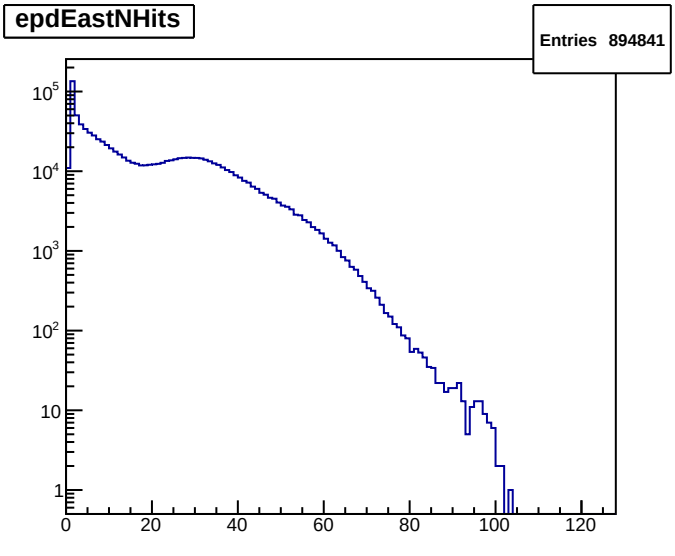
Entries 0
Data-Simu
DSM Input Channel

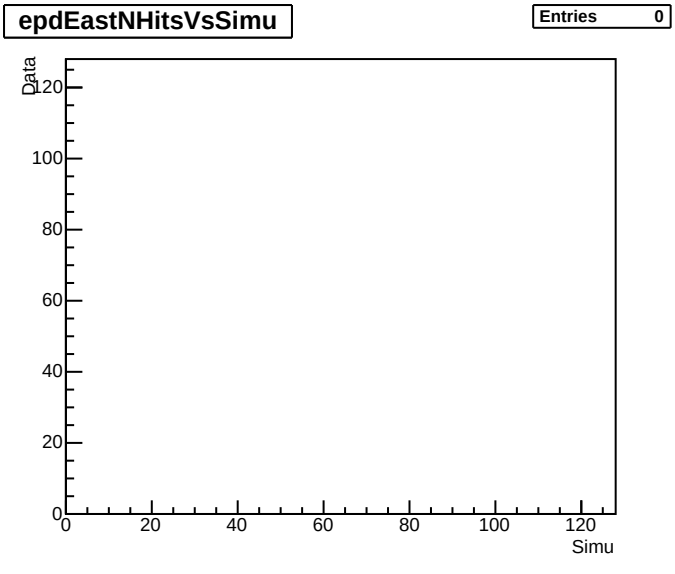

epdEastTac03
Entries 894841


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 894841


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 894841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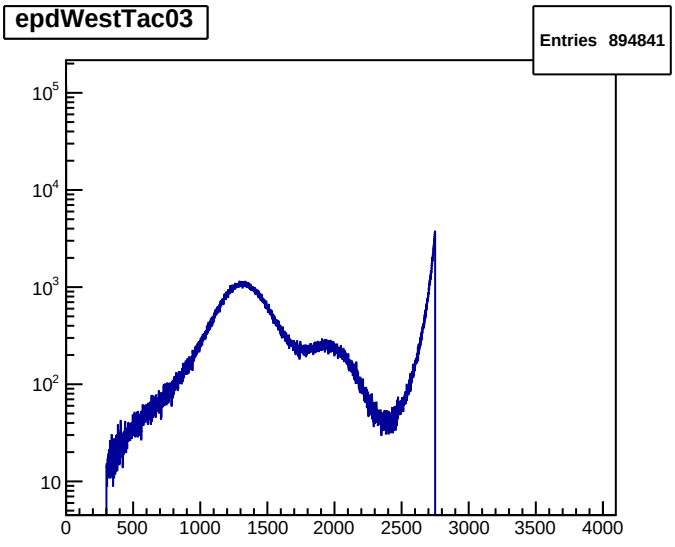
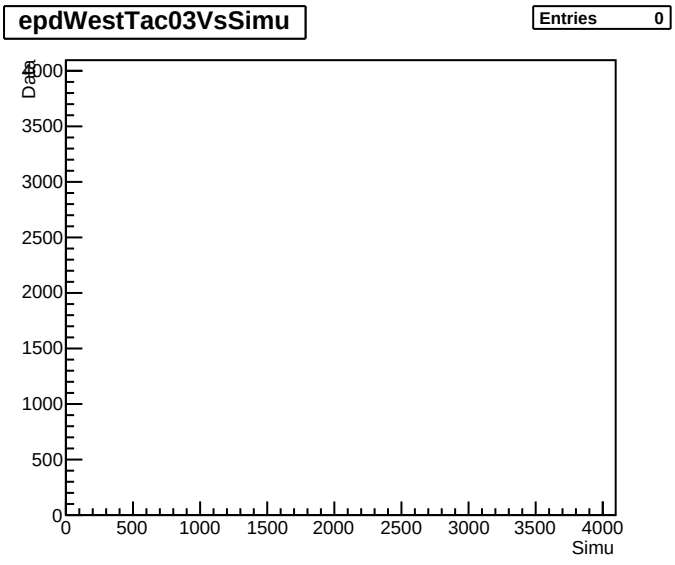
Entries 0
Data
Simu


epdWestTac03
Entries 894841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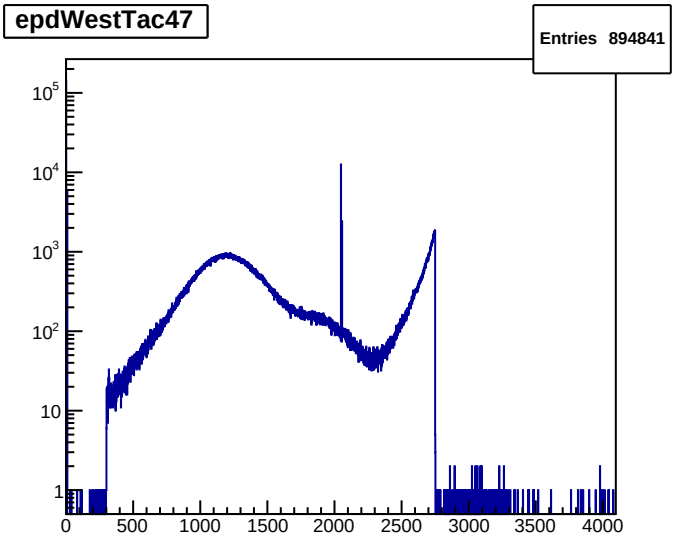
Entries 0
Data
Simu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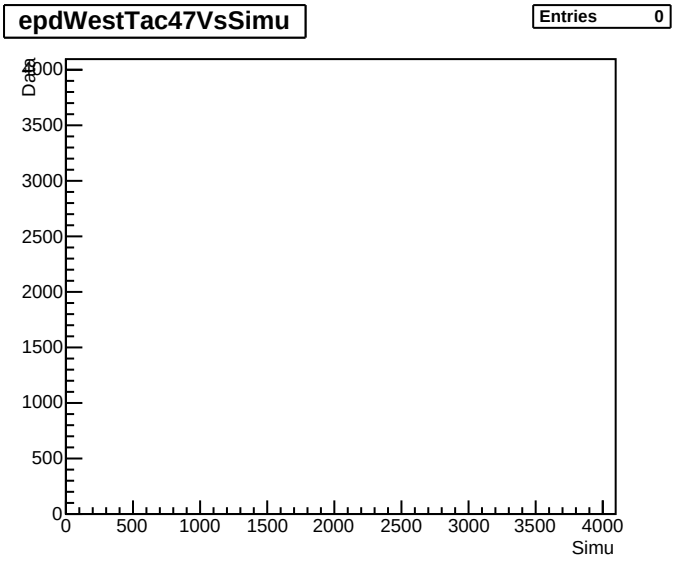
Entries 894841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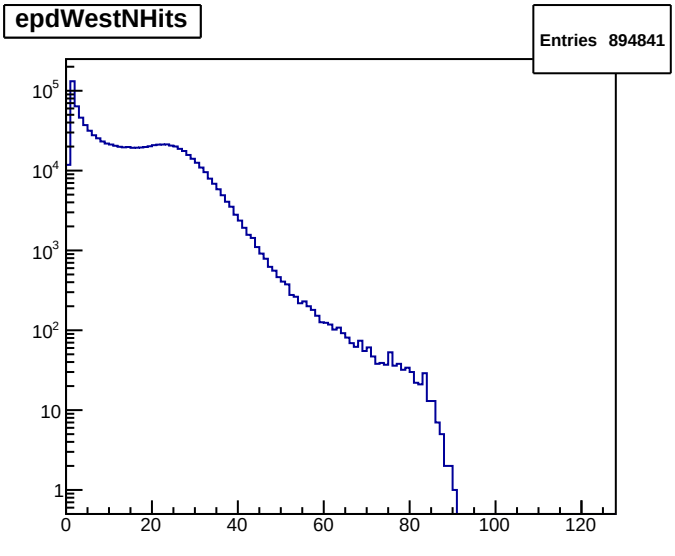
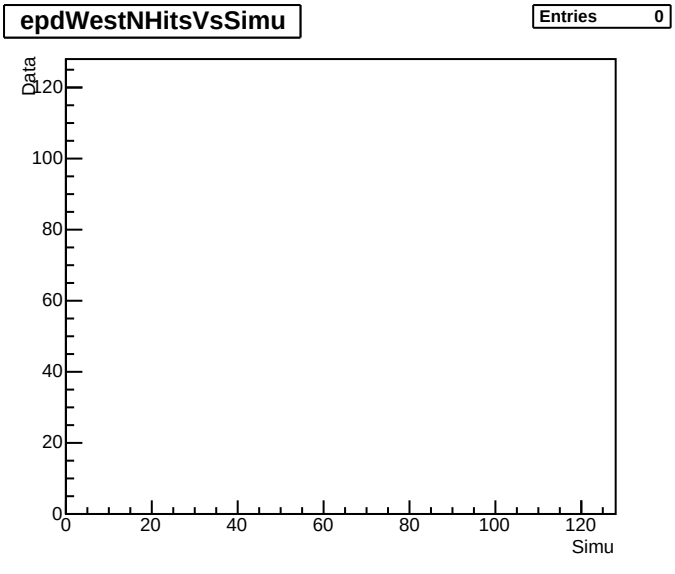
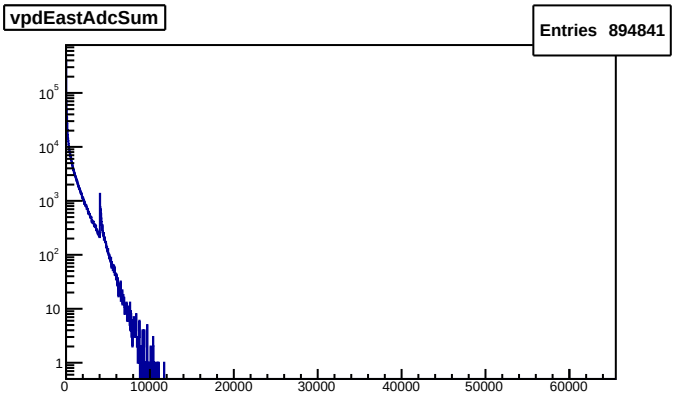
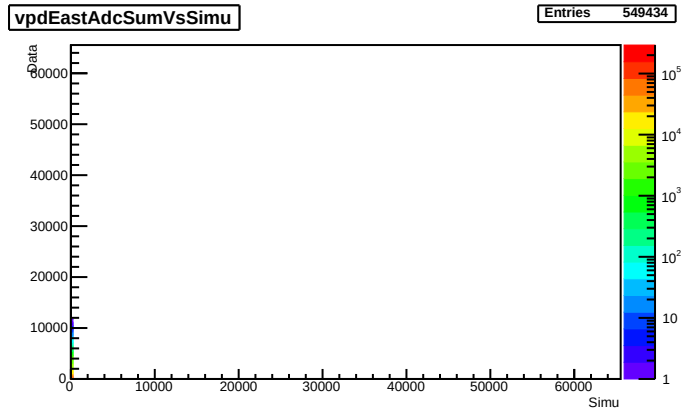
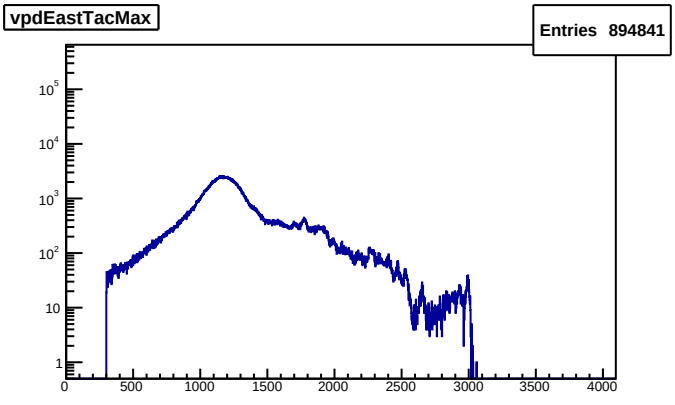
Entries 0
Data
Simu

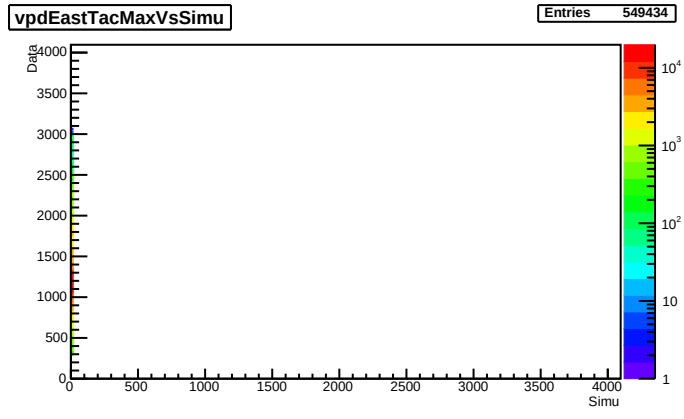

epdWestNHits
Entries 894841

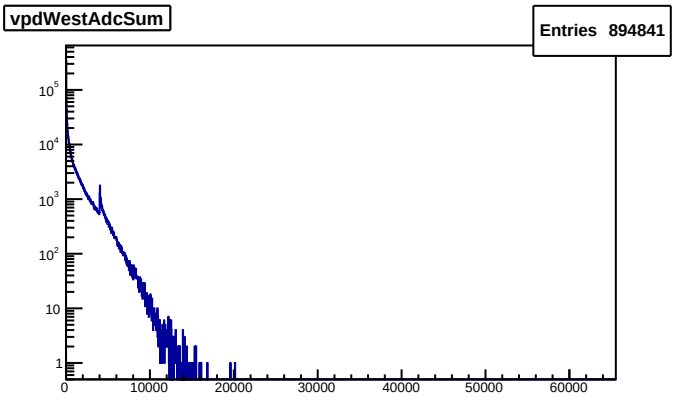

epdWestNHitsVsSimu
Entries 0
Data
Simu

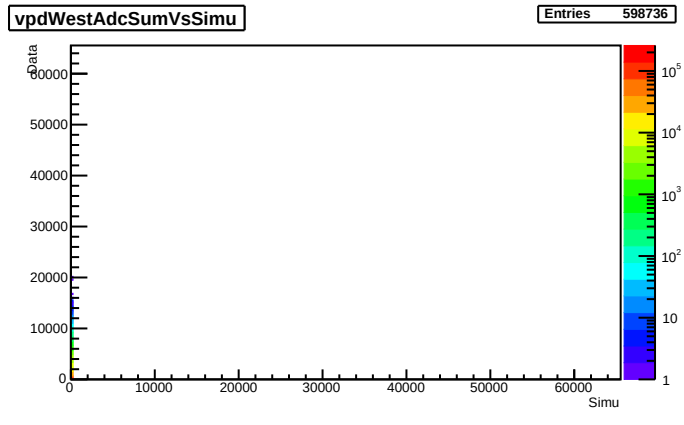

vpdEastAdcSum
Entries 894841

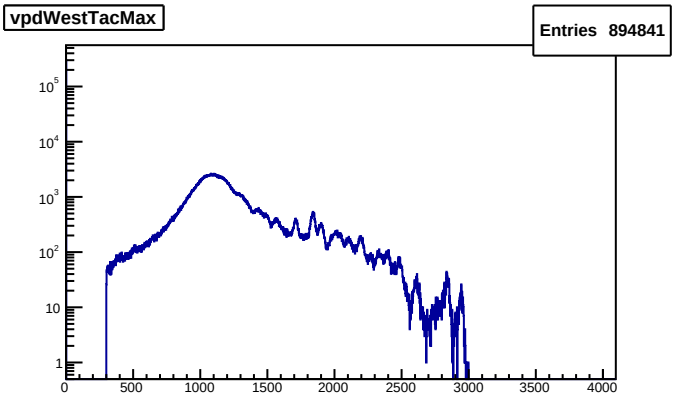

vpdEastAdcSumVsSimu
Entries 549434
Data
Simu

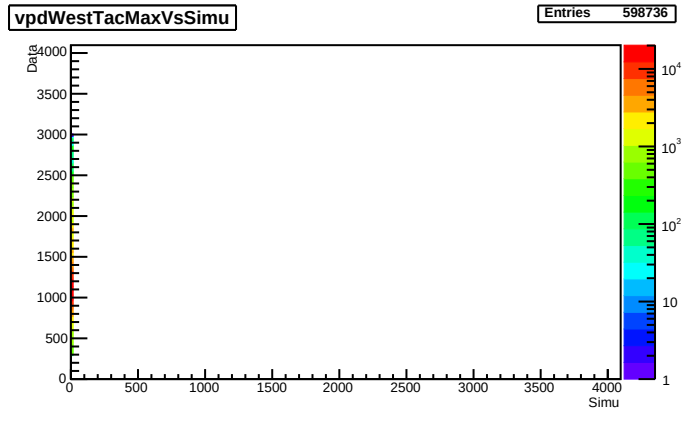

vpdEastTacMax
Entries 894841

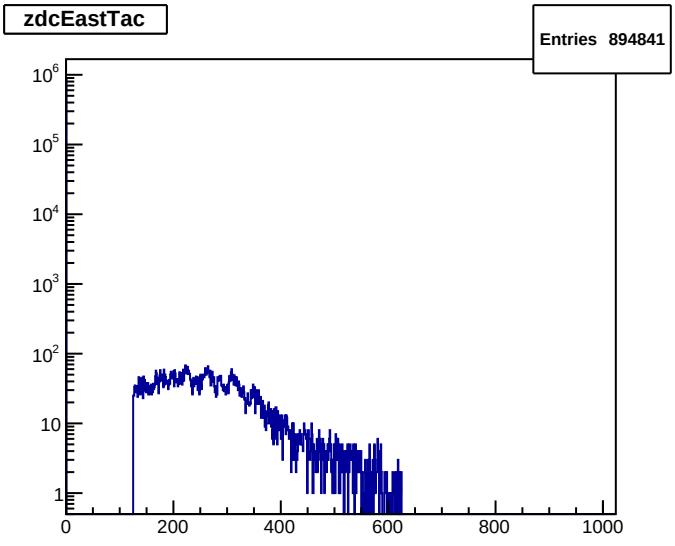

vpdEastTacMaxVsSimu
Entries 549434
Data
Simu

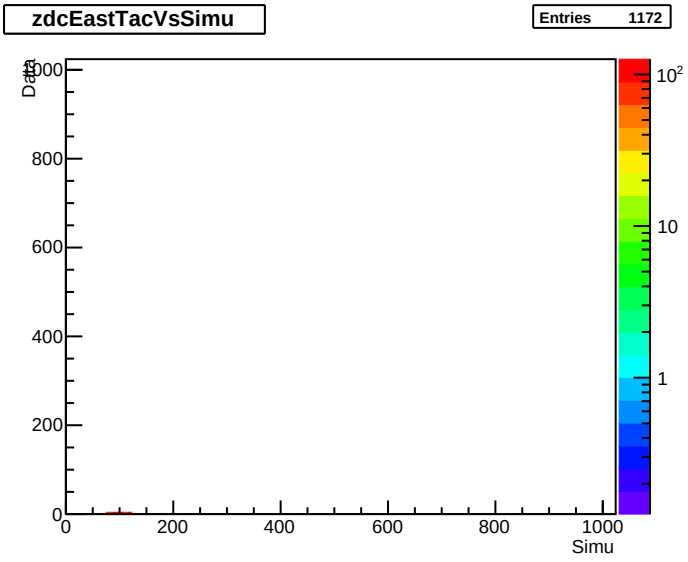

vpdWestAdcSum
Entries 894841

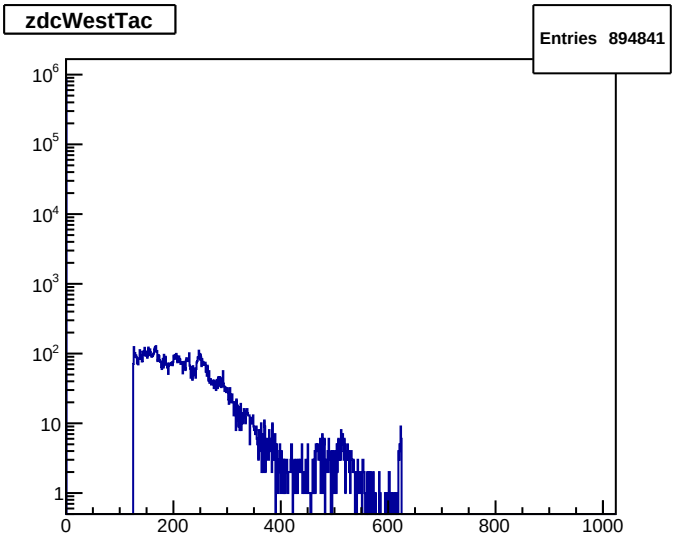

vpdWestAdcSumVsSimu
Entries 598736
Data
Simu

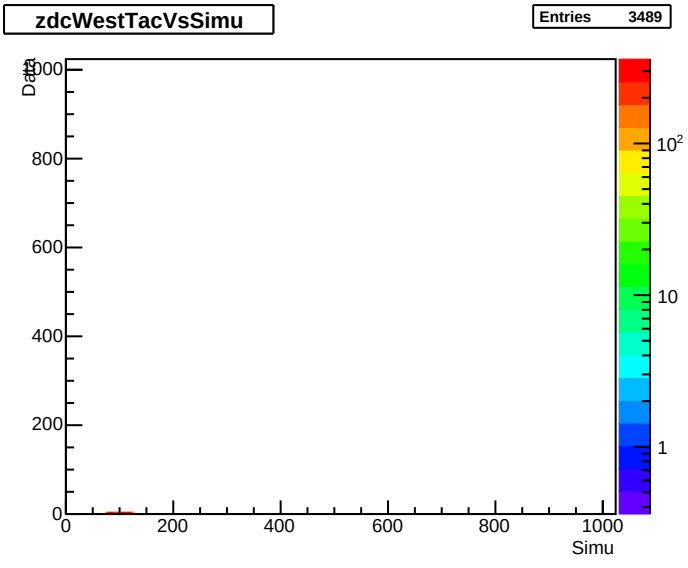

vpdWestTacMax
Entries 894841

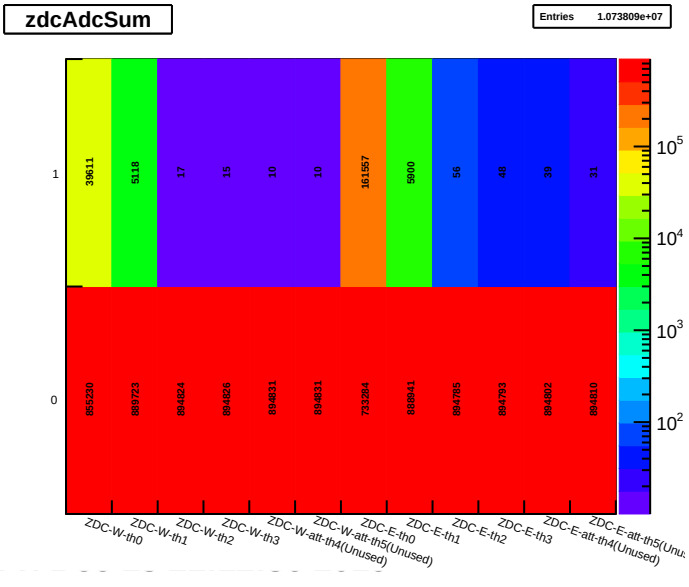

vpdWestTacMaxVsSimu
Entries 598736
Data
Simu

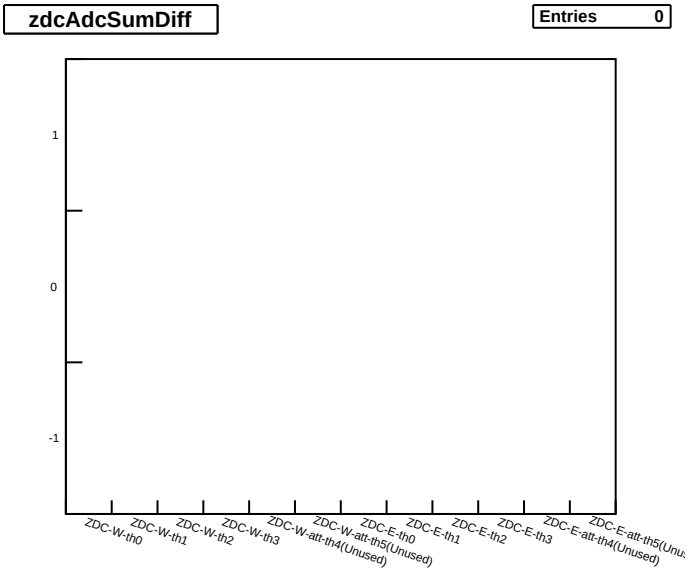

zdcEastTac
Entries 894841

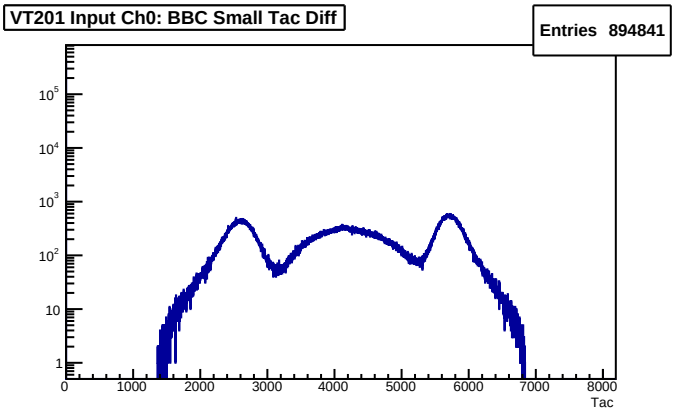

zdcEastTacVsSimu
Entries 1172
Data
Simu

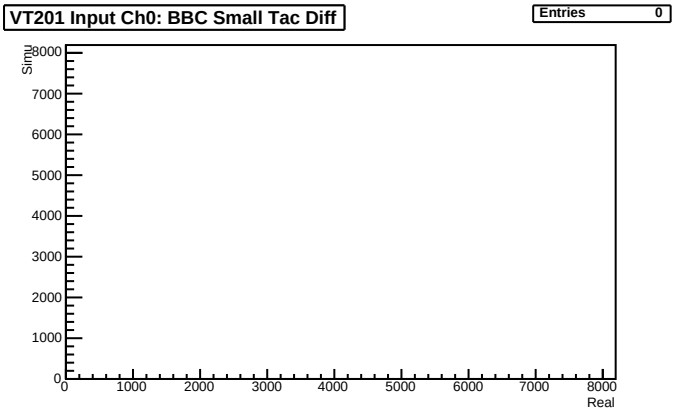

zdcWestTac
Entries 894841

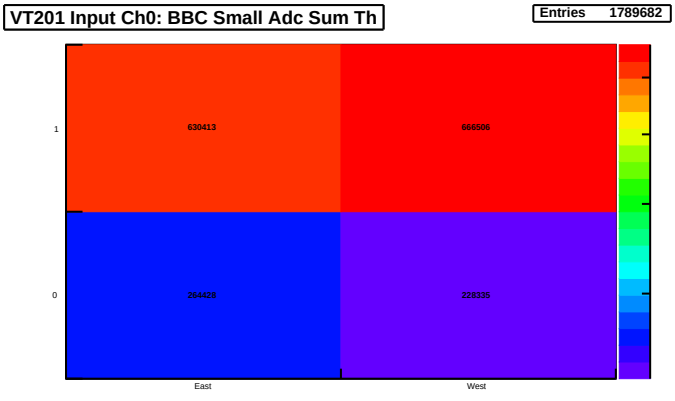

zdcWestTacVsSimu
Entries 3489
Data
Simu

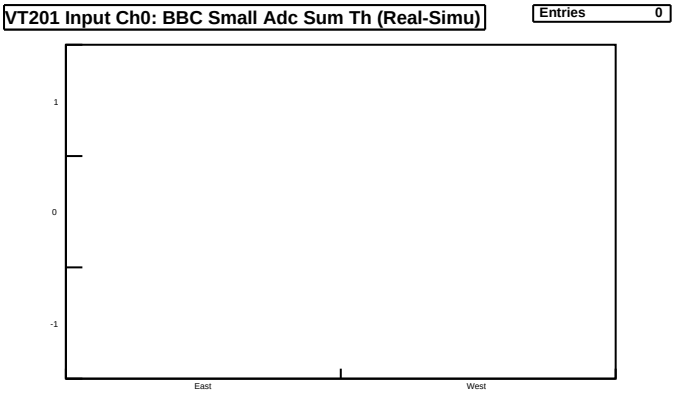

zdcAdcSum
Entries 1.073809e+07
39611
5118
17
15
10
10
161557
5900
56
48
39
31
855230
889723
894824
894826
894831
894831
733284
888841
894785
894793
894802
894810
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

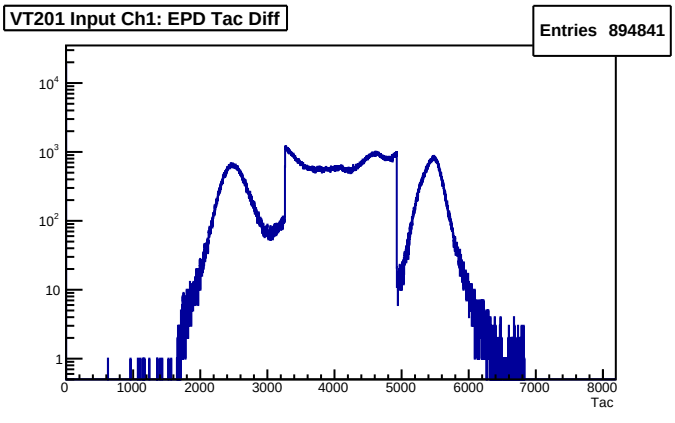

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

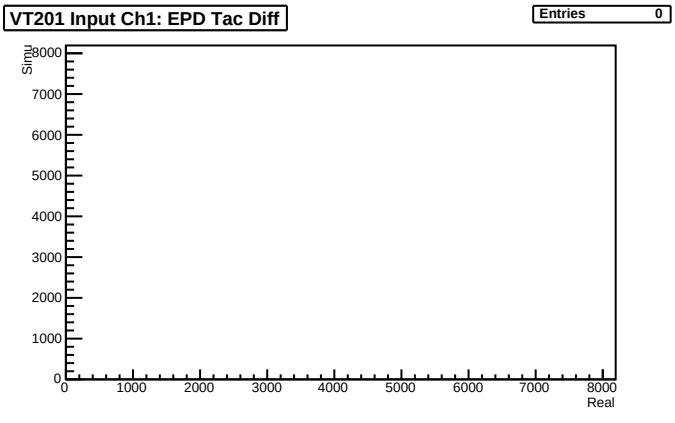

VT201 Input Ch0: BBC Small Tac Diff
Entries 894841
Tac

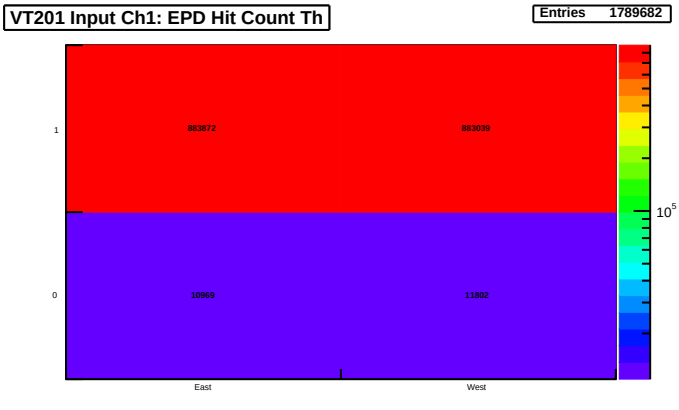

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

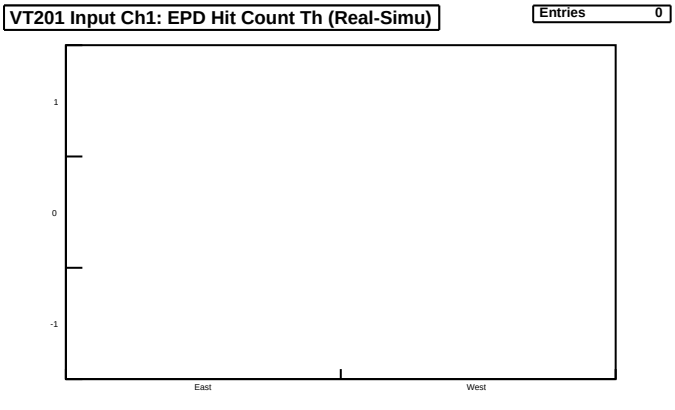

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1789682
630413
666506
264428
228335
East
West

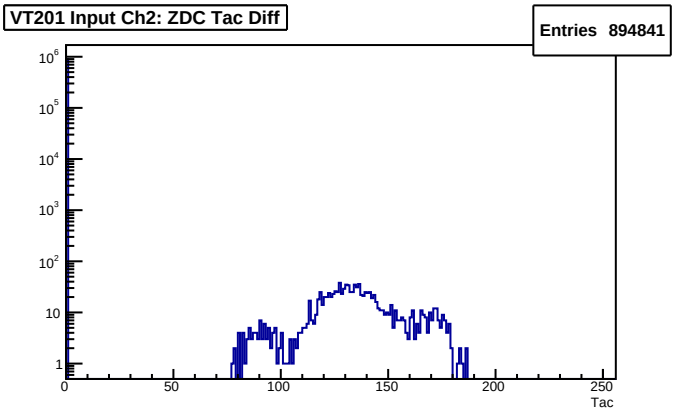

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

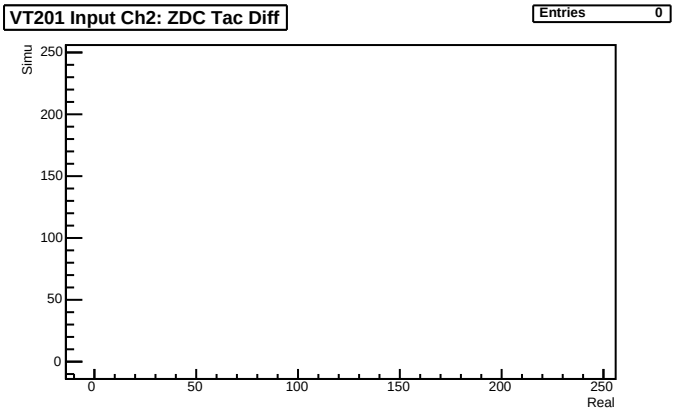

VT201 Input Ch1: EPD Tac Diff
Entries 894841
Tac

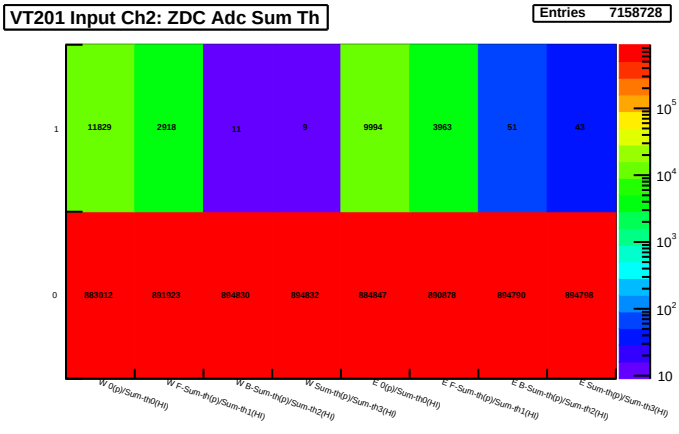

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

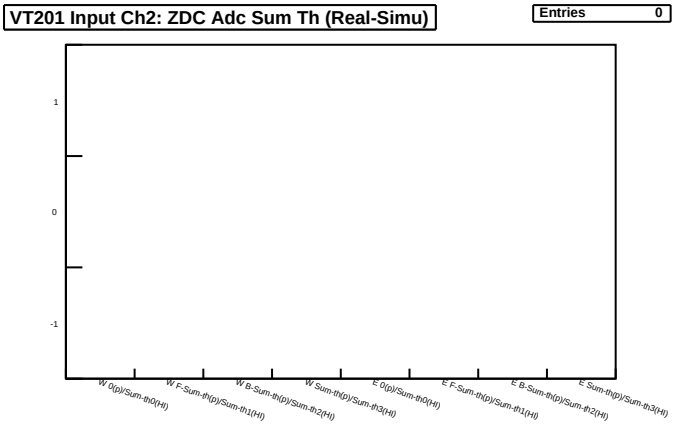

VT201 Input Ch1: EPD Hit Count Th
Entries 1789682
883872
883039
10969
11802
East
West

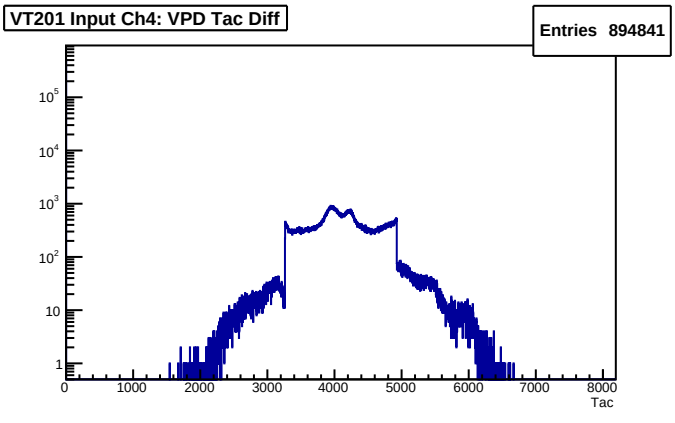

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

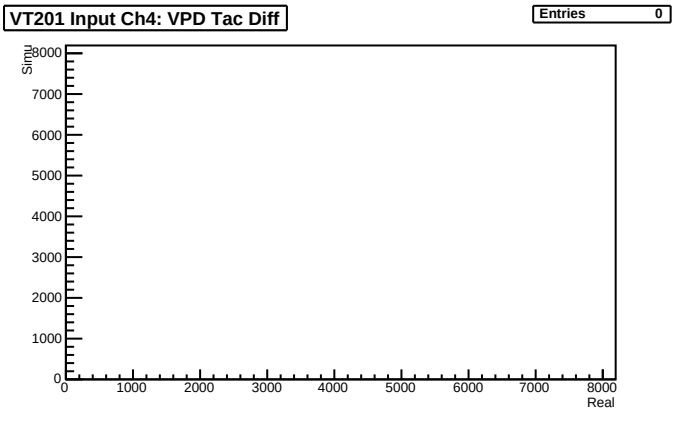

VT201 Input Ch2: ZDC Tac Diff
Entries 894841
Tac

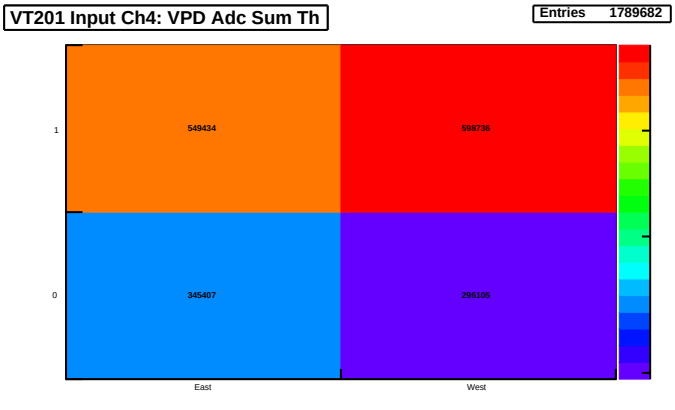

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

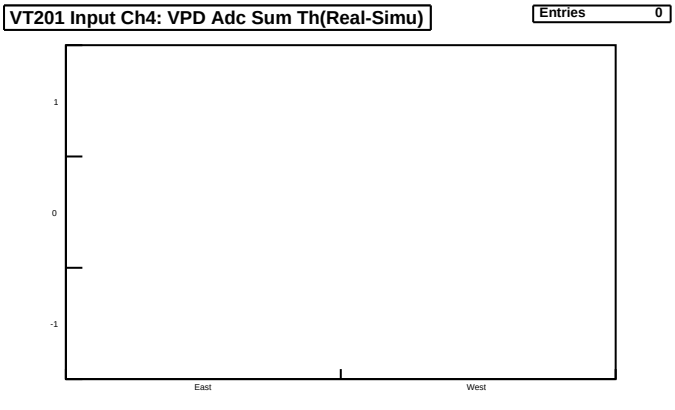

VT201 Input Ch2: ZDC Adc Sum Th
Entries 7158728
11829
2918
11
9
9994
3963
51
43
883012
891923
894830
894832
884847
890878
894790
894798
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

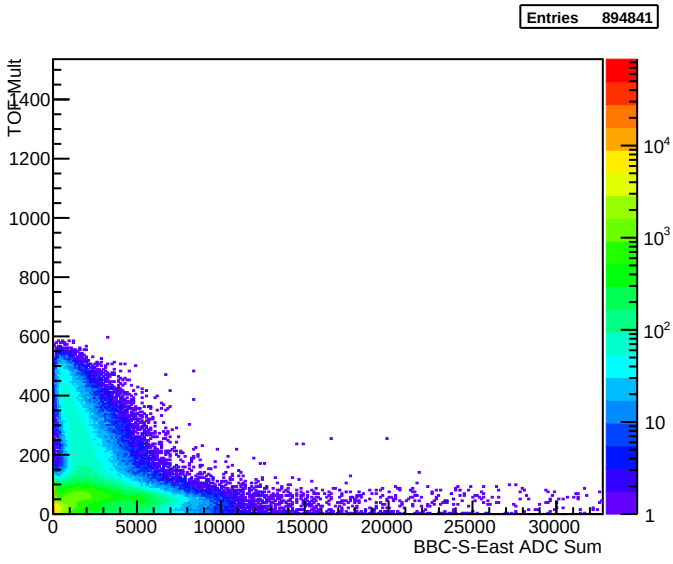

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

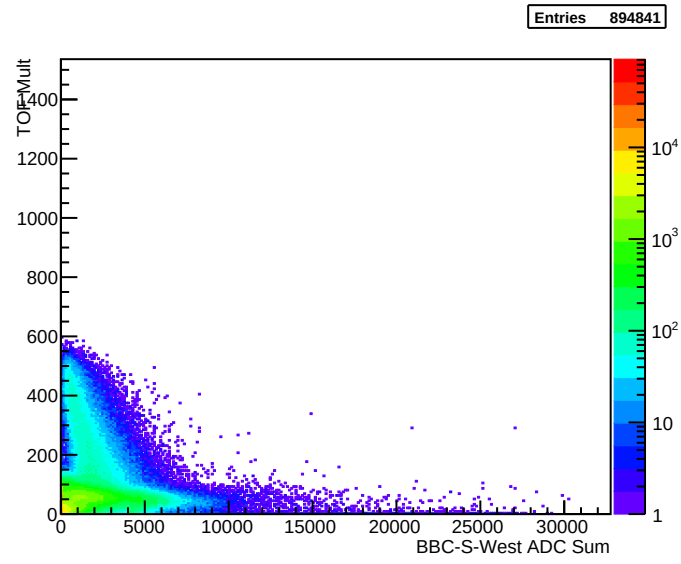

VT201 Input Ch4: VPD Tac Diff
Entries 894841
Tac

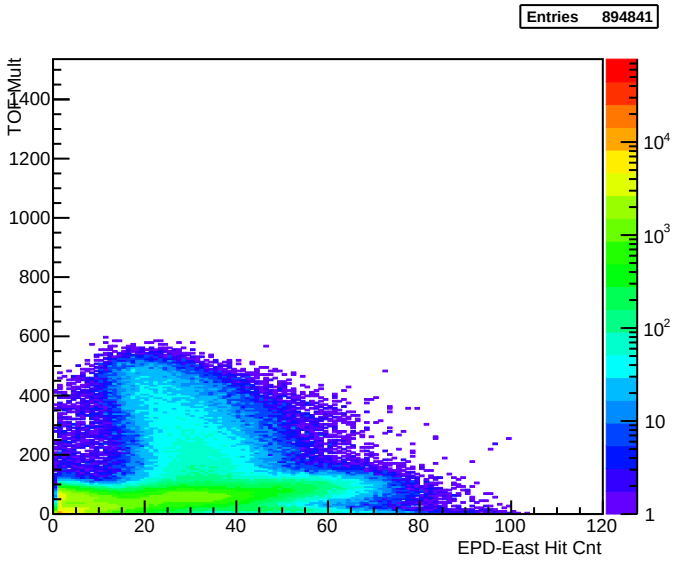

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

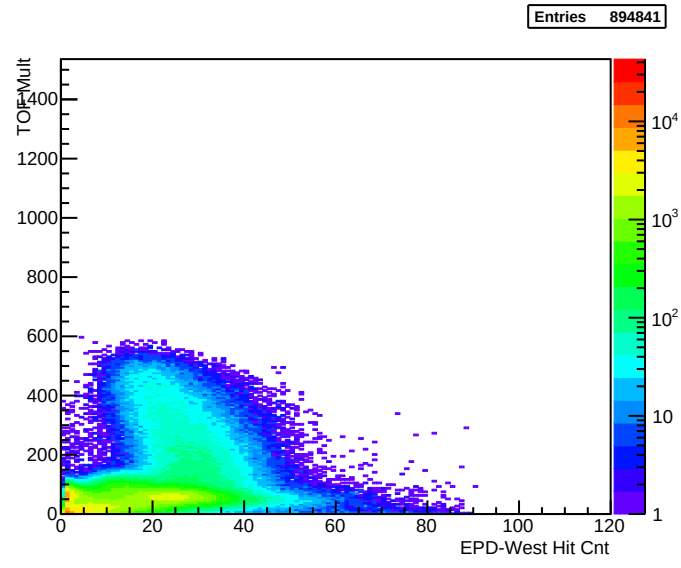

VT201 Input Ch4: VPD Adc Sum Th
Entries 1789682
549434
598736
345407
296105
East
West

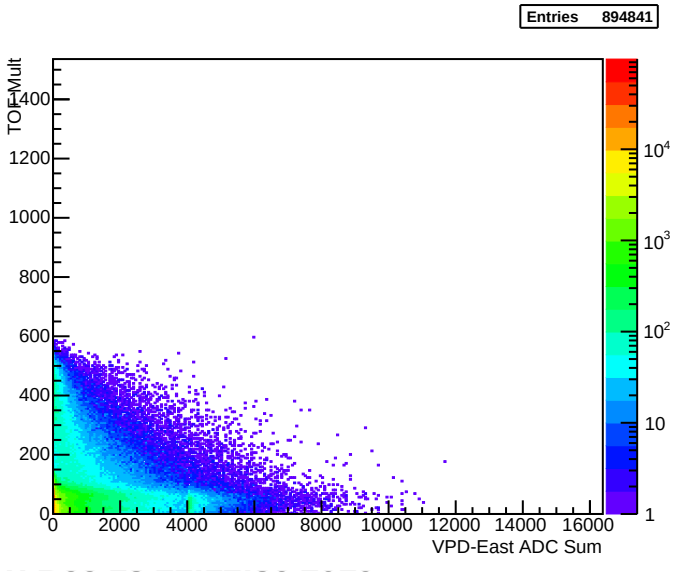

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

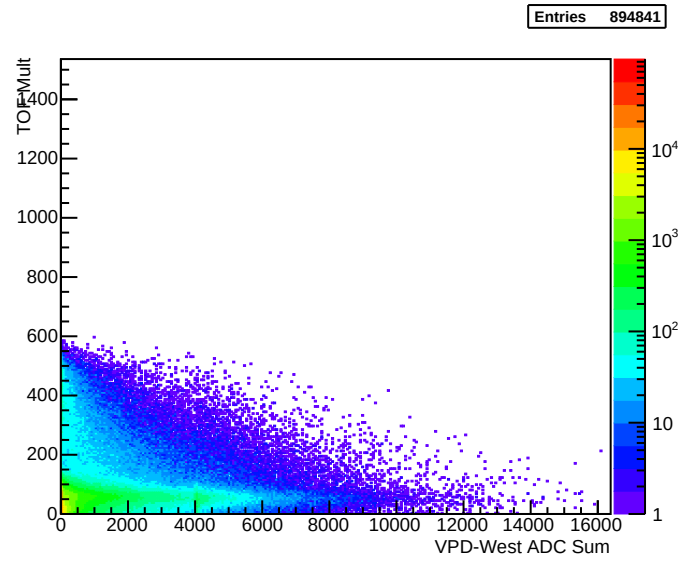

Entries 894841
TOF-Mult
BBC-S-East ADC Sum

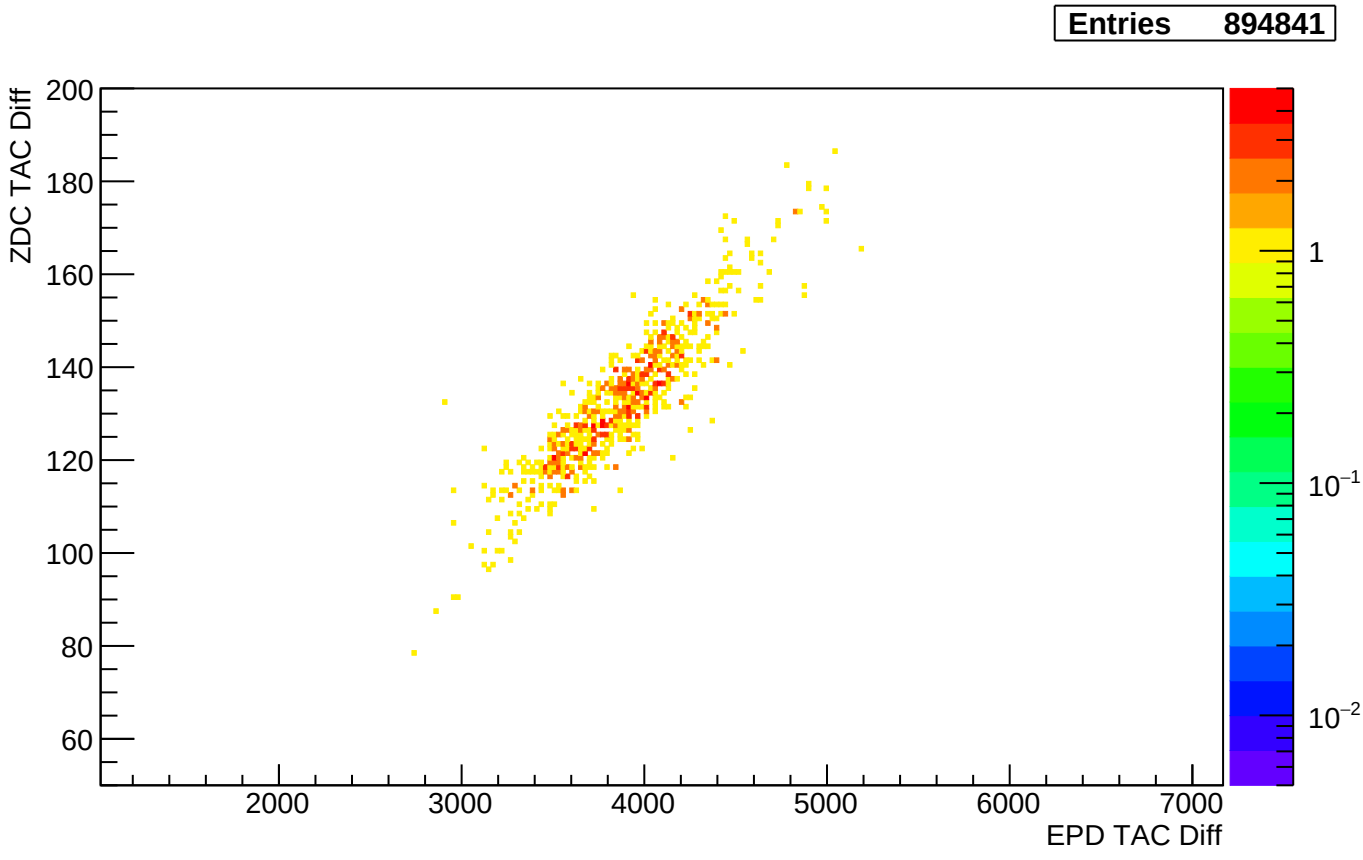

Entries 894841
TOF-Mult
BBC-S-West ADC Sum

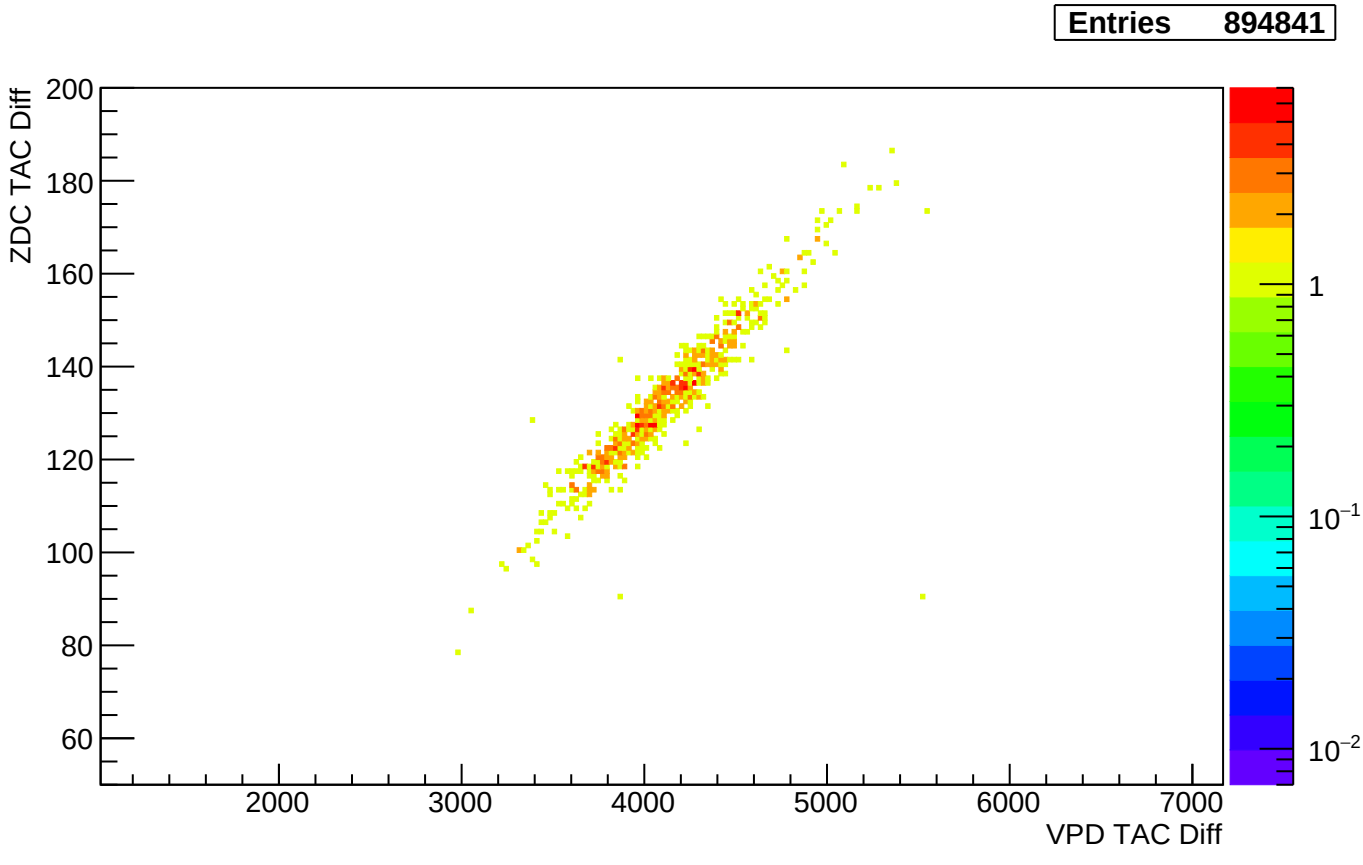

Entries 894841
TOF-Mult
EPD-East Hit Cnt

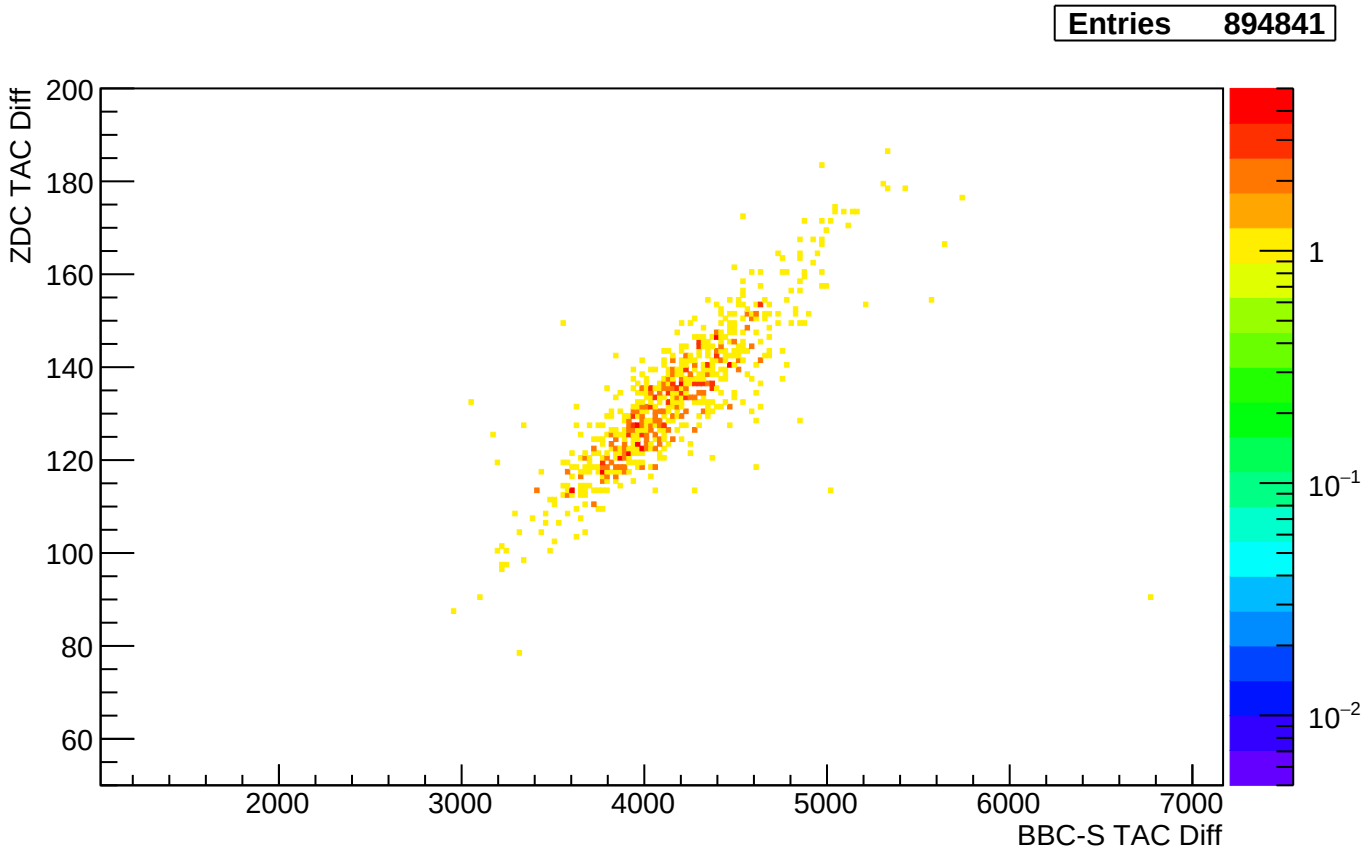

Entries 894841
TOF-Mult
EPD-West Hit Cnt

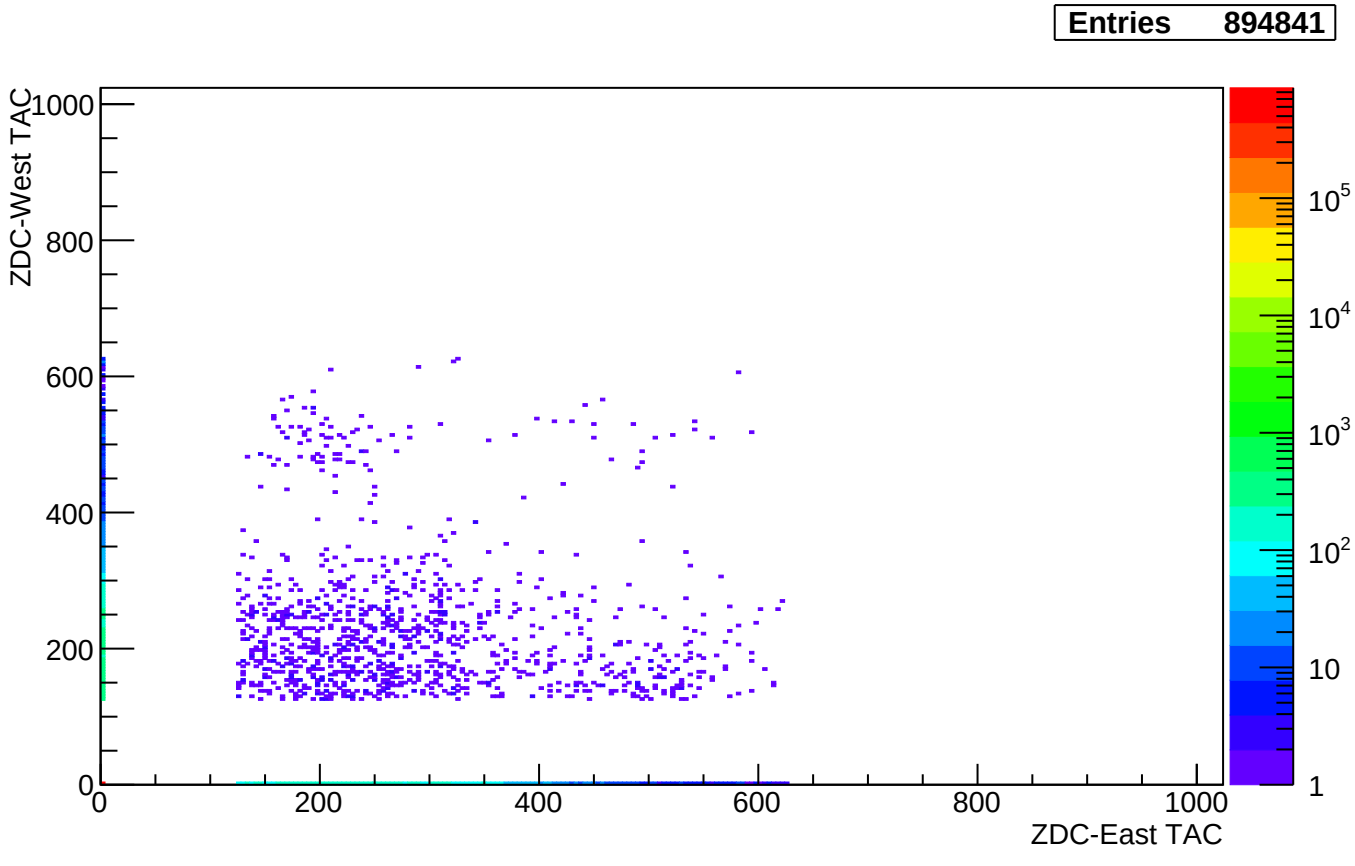

Entries 894841
TOF-Mult
VPD-East ADC Sum

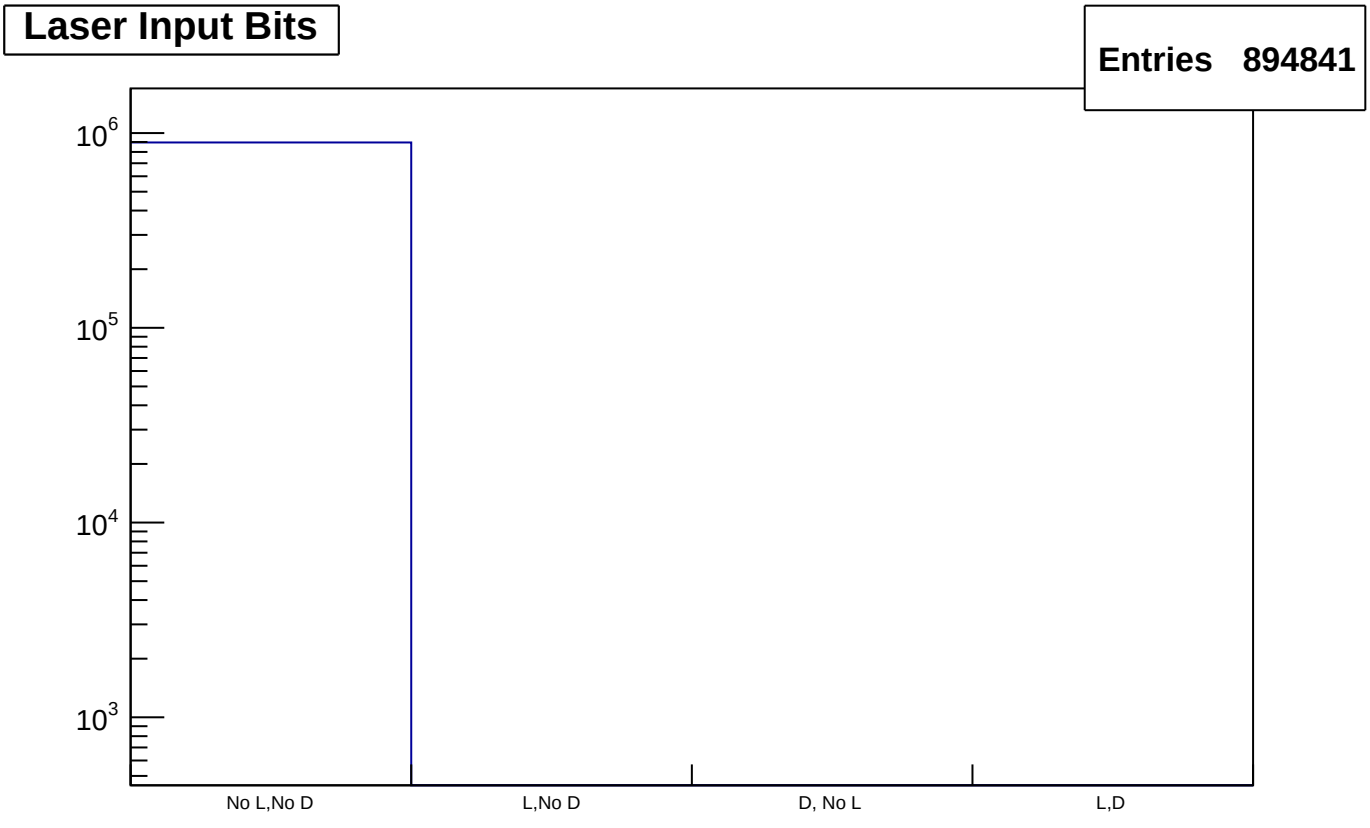

Entries 894841
TOF-Mult
VPD-West ADC Sum

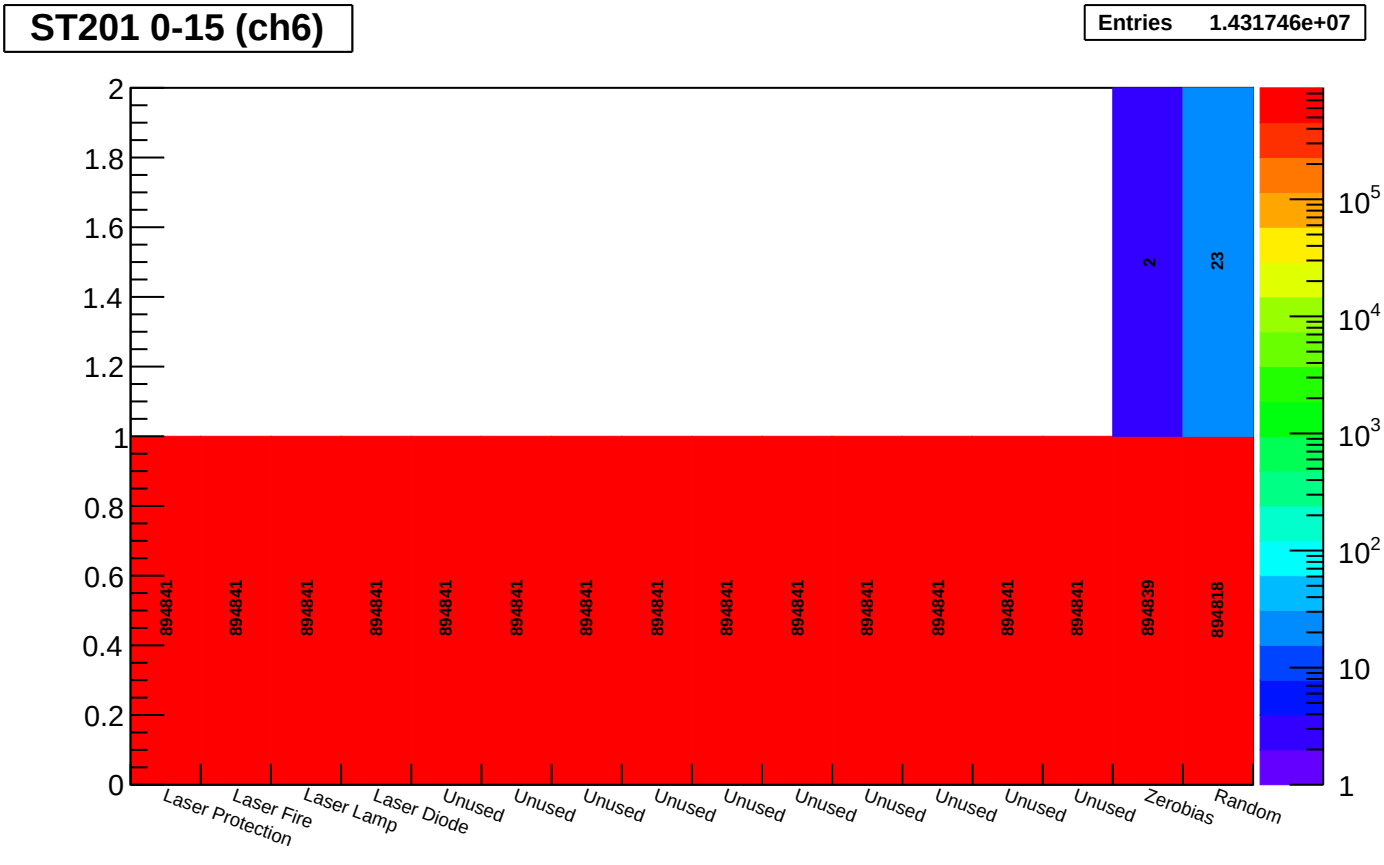

Entries 894841
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$


Entries 894841
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

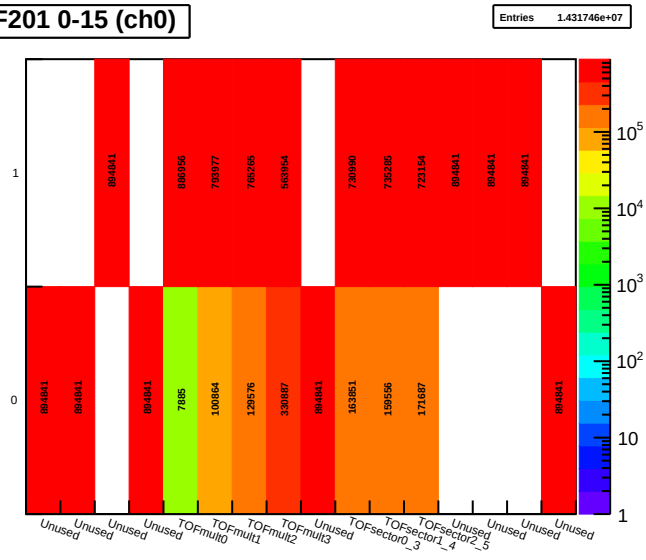

Entries 894841
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
$10^{-1}$
$10^{-2}$


Entries 894841
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
$10^5$
$10^4$
$10^3$
$10^2$
10
1

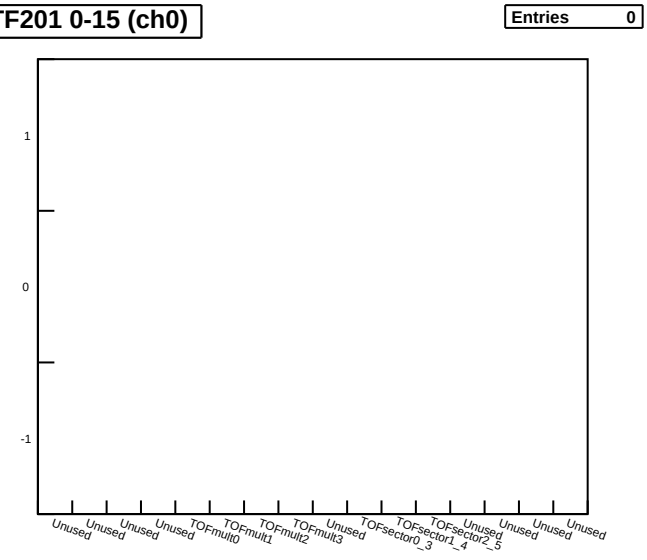

Laser Input Bits
Entries 894841
$10^6$
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D


ST201 0-15 (ch6)
Entries 1.431746e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
894841
894841
894841
894841
894841
894841
894841
894841
894841
894841
894841
894841
894841
894841
894839
894818
2
23
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

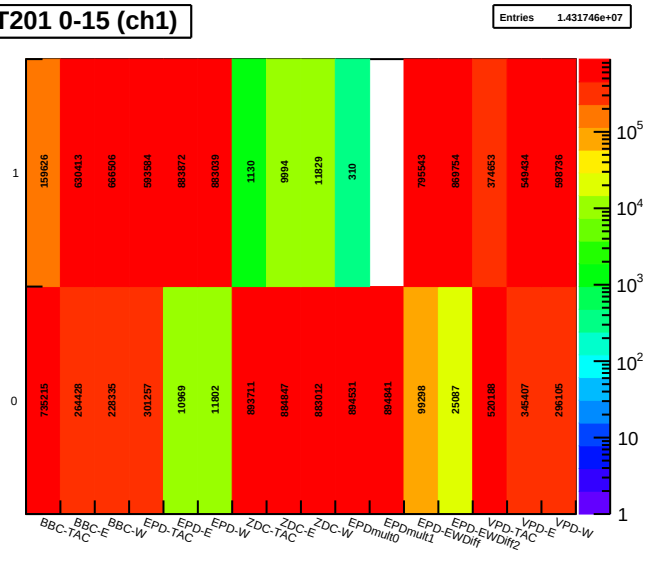
## TF201 0-15 (ch0)



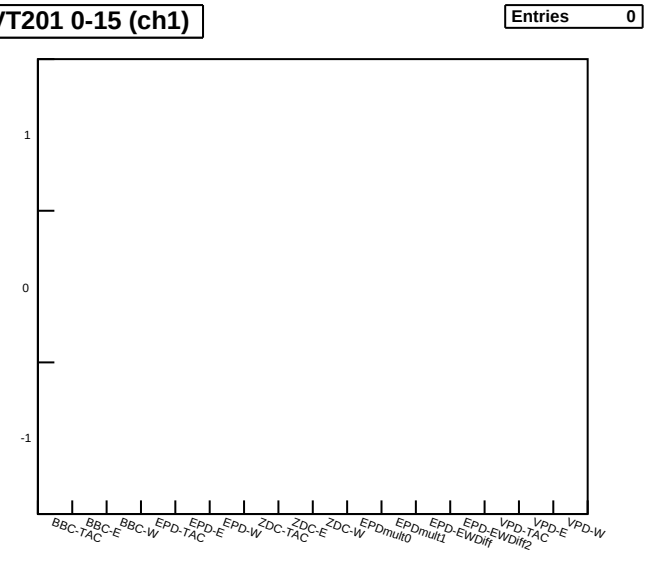

## TF201 0-15 (ch0)



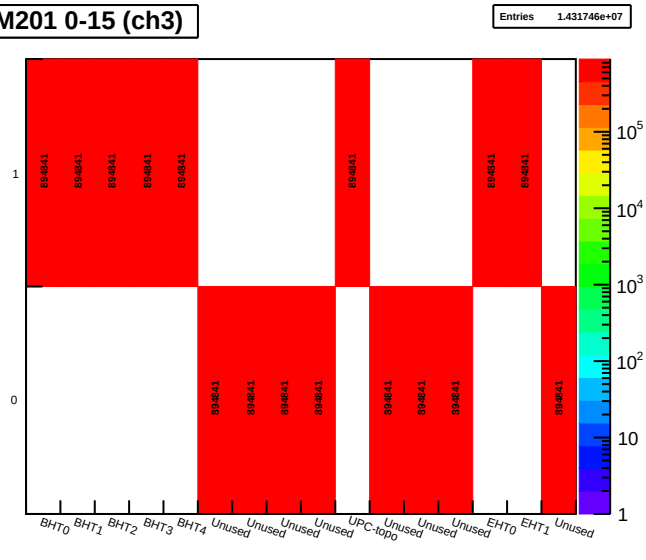

## VT201 0-15 (ch1)

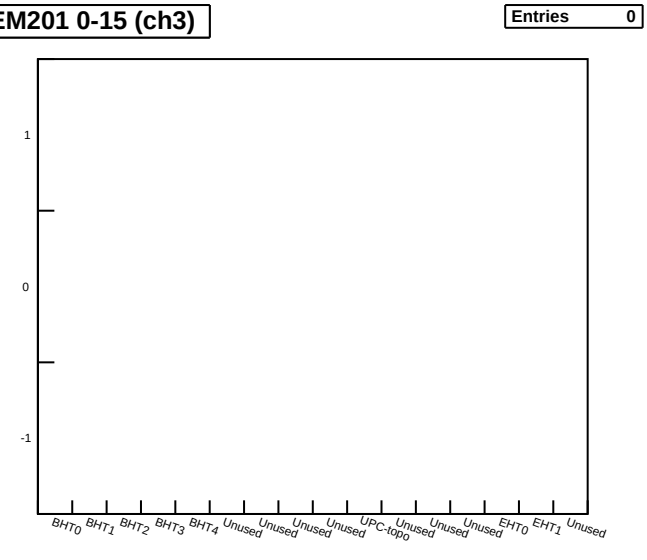



## VT201 0-15 (ch1)




## EM201 0-15 (ch3)




## EM201 0-15 (ch3)