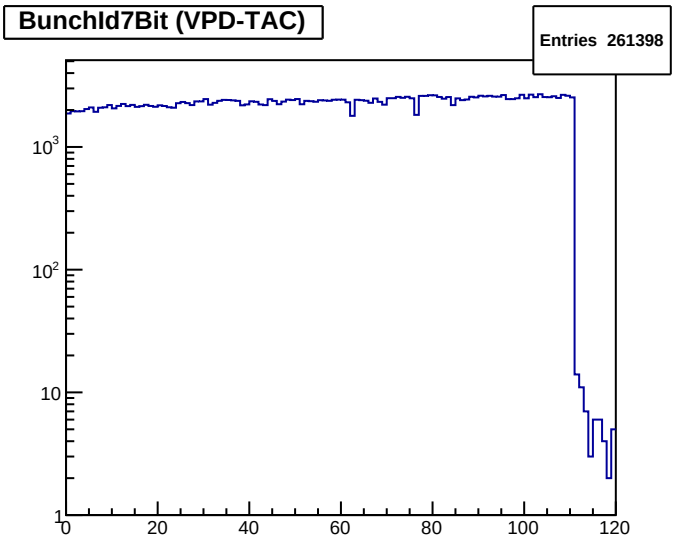
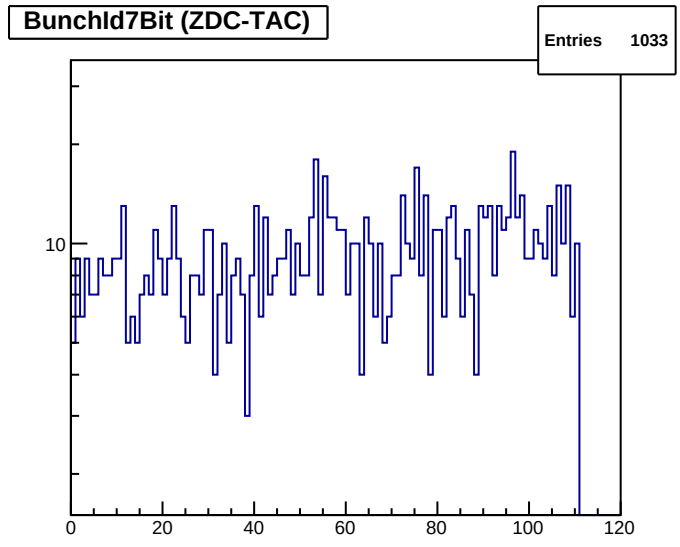
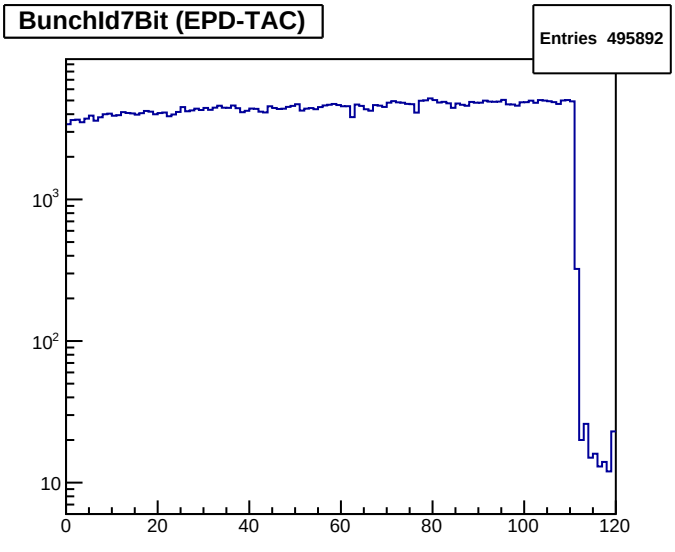
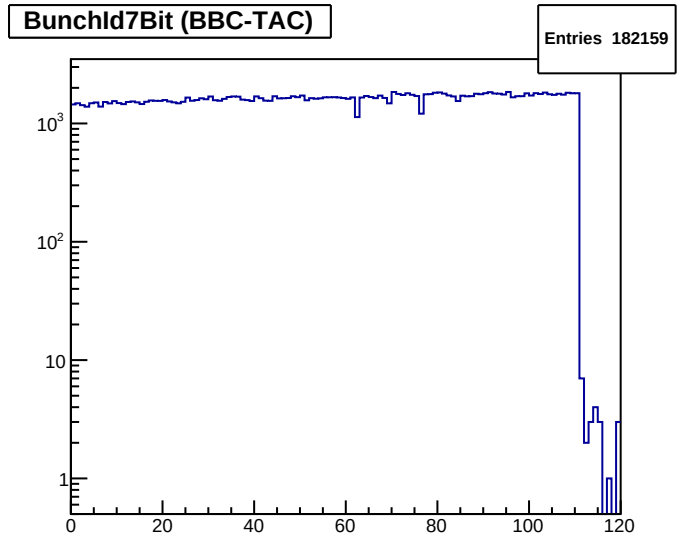
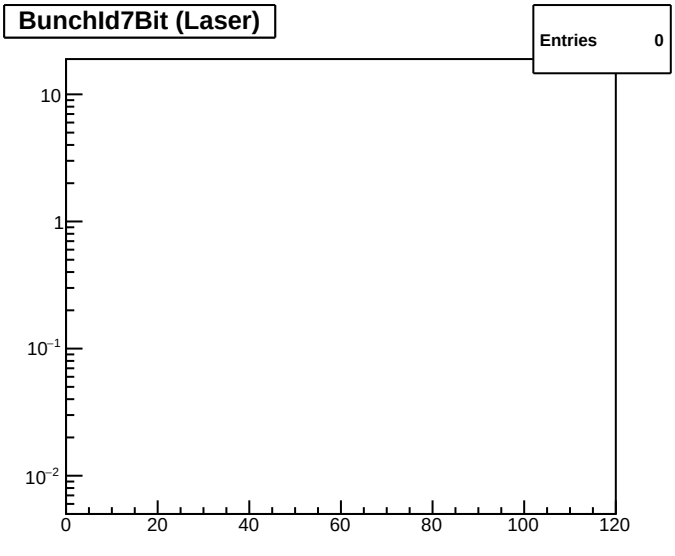
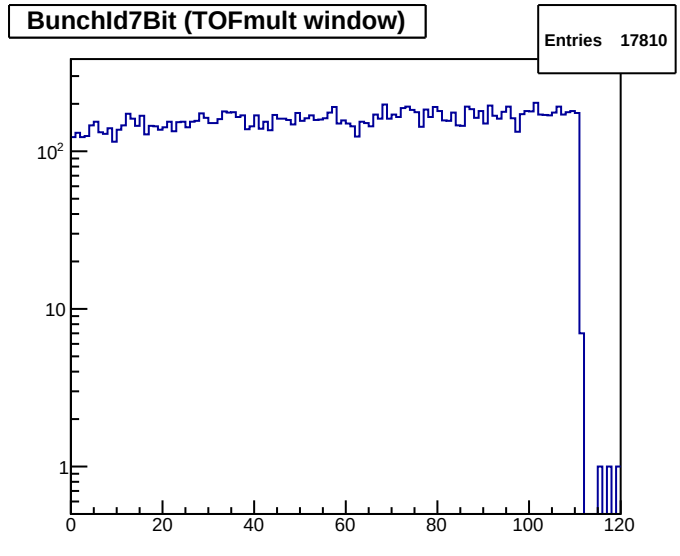

BunchId7Bit (VPD-TAC)
Entries 261398

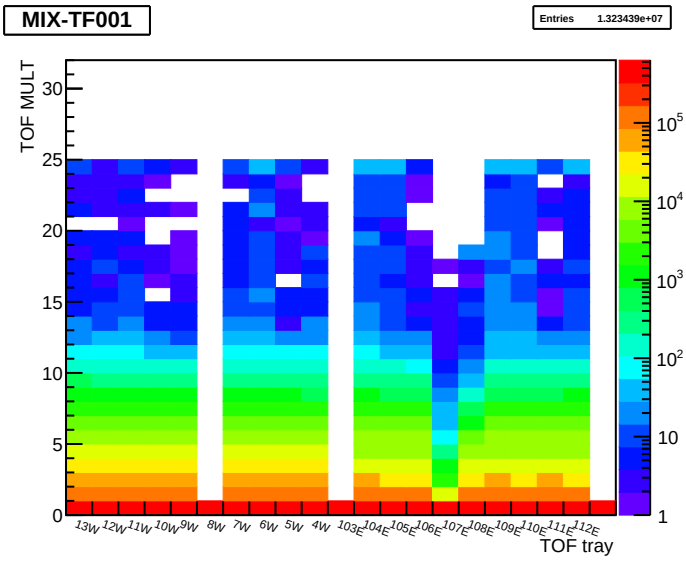

BunchId7Bit (ZDC-TAC)
Entries 1033

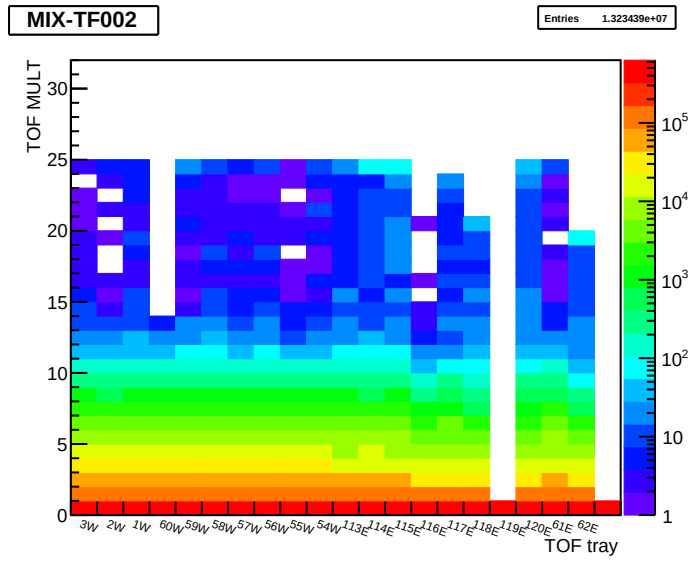

BunchId7Bit (EPD-TAC)
Entries 495892

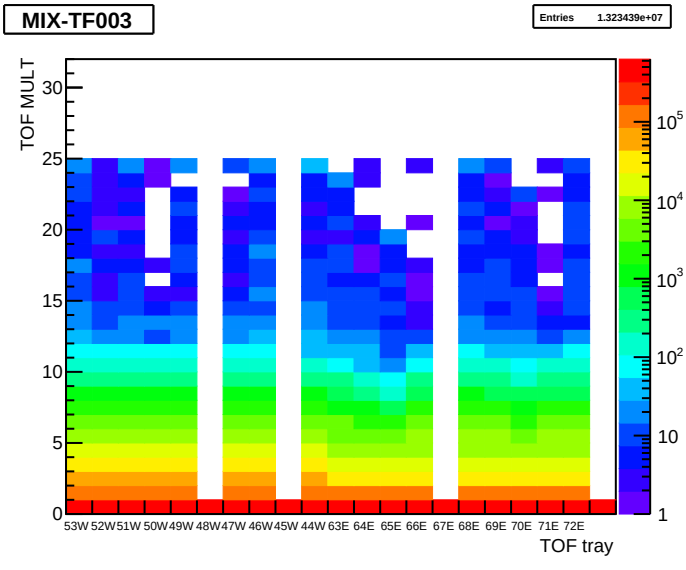

BunchId7Bit (BBC-TAC)
Entries 182159

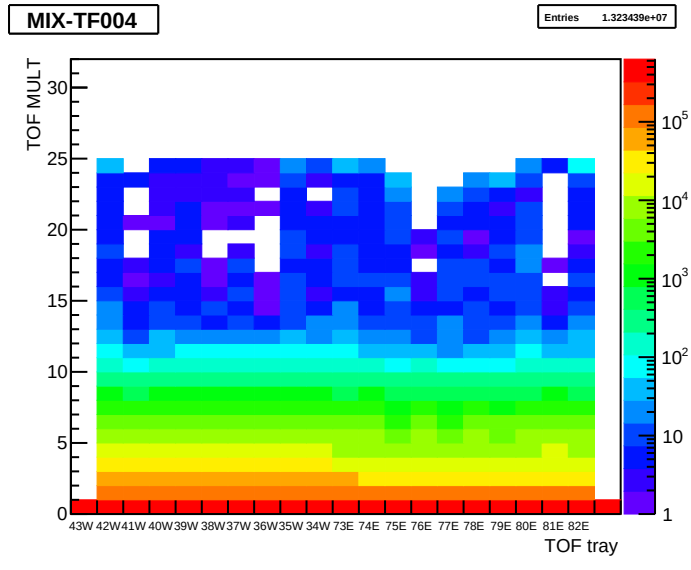

BunchId7Bit (Laser)
Entries 0

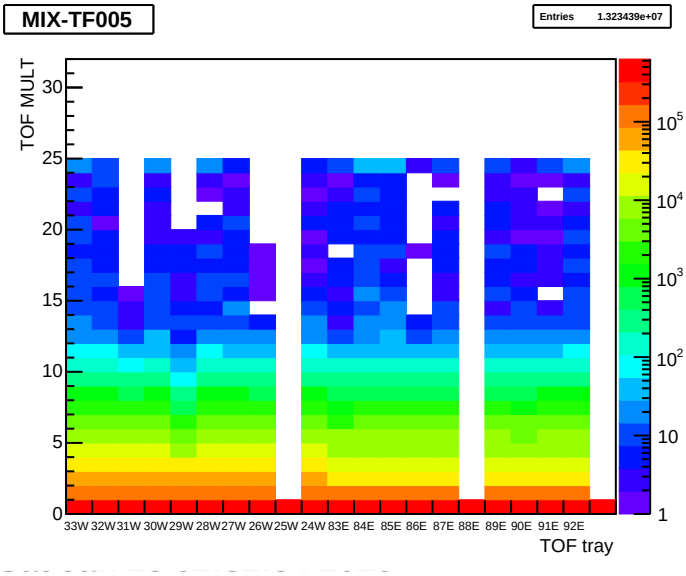

BunchId7Bit (TOFmult window)
Entries 17810

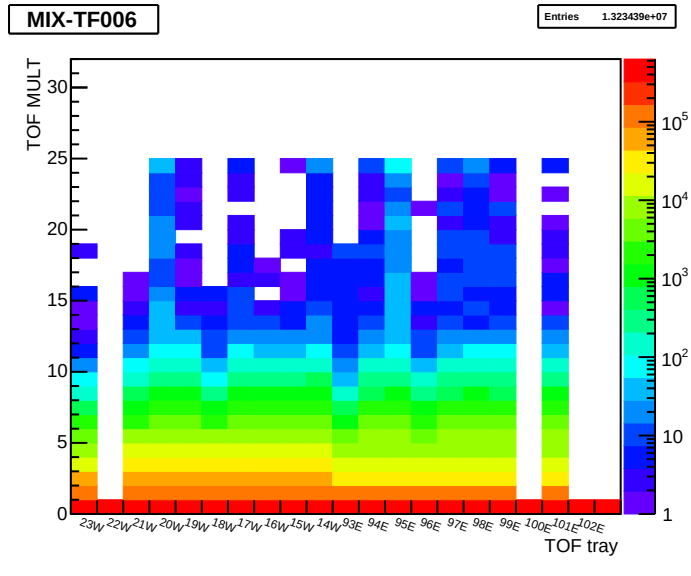

MIX-TF001
Entries 1.323439e+07
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

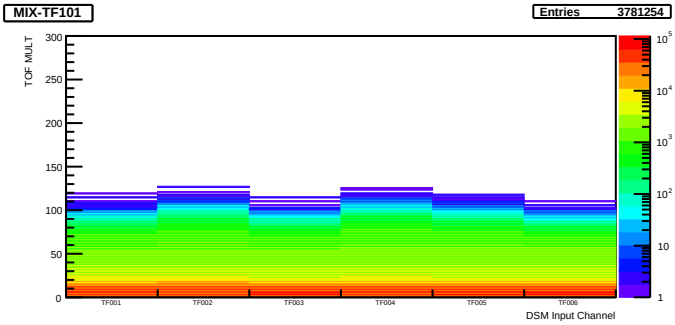

MIX-TF002
Entries 1.323439e+07
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

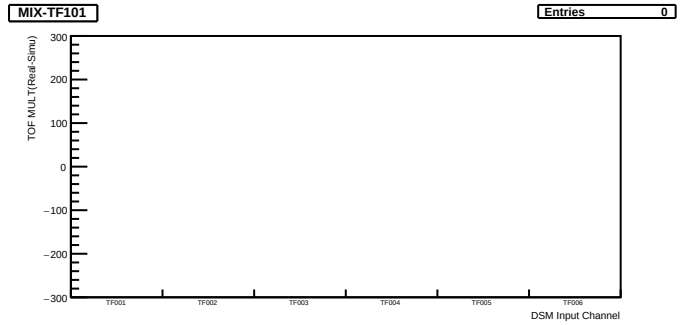

MIX-TF003
Entries 1.323439e+07
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

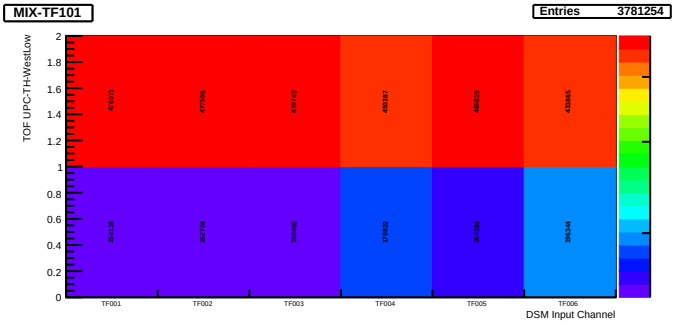

MIX-TF004
Entries 1.323439e+07
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

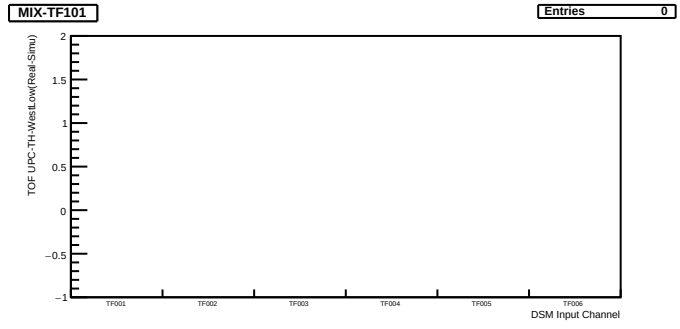

MIX-TF005
Entries 1.323439e+07
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

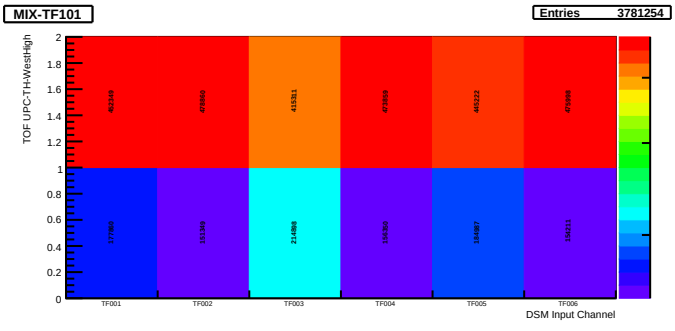

MIX-TF006
Entries 1.323439e+07
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

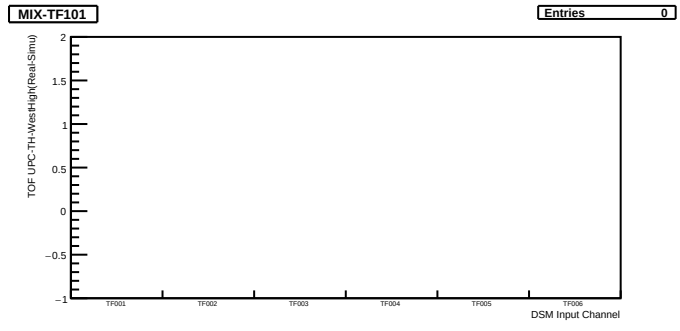

MIX-TF101
Entries 3781254
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

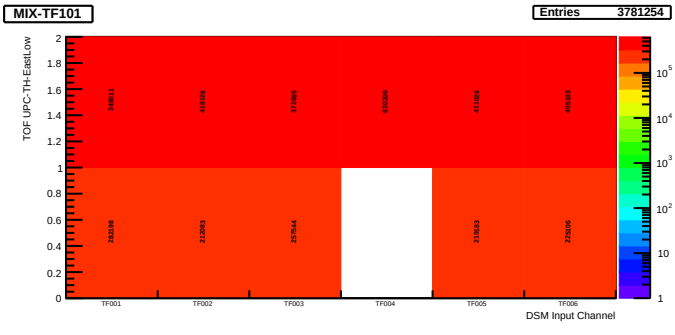

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

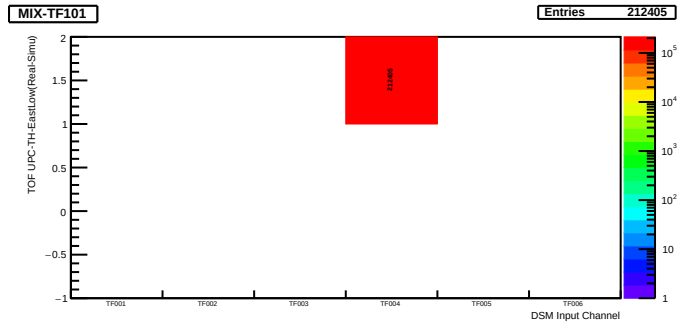

MIX-TF101
Entries 3781254
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

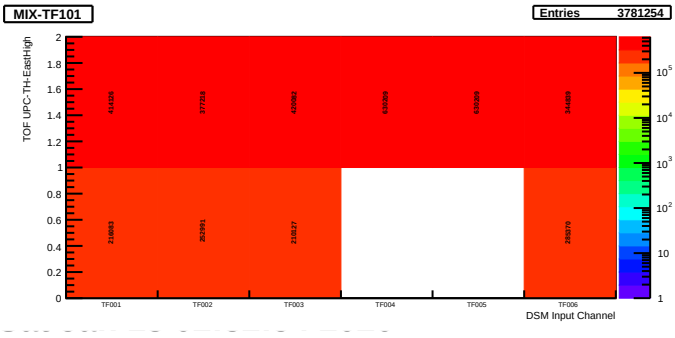

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

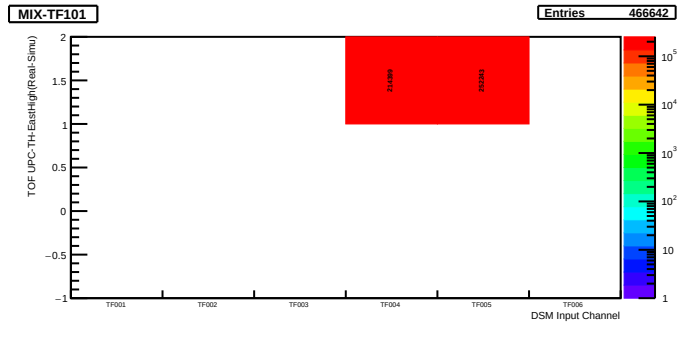

MIX-TF101
Entries 3781254
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

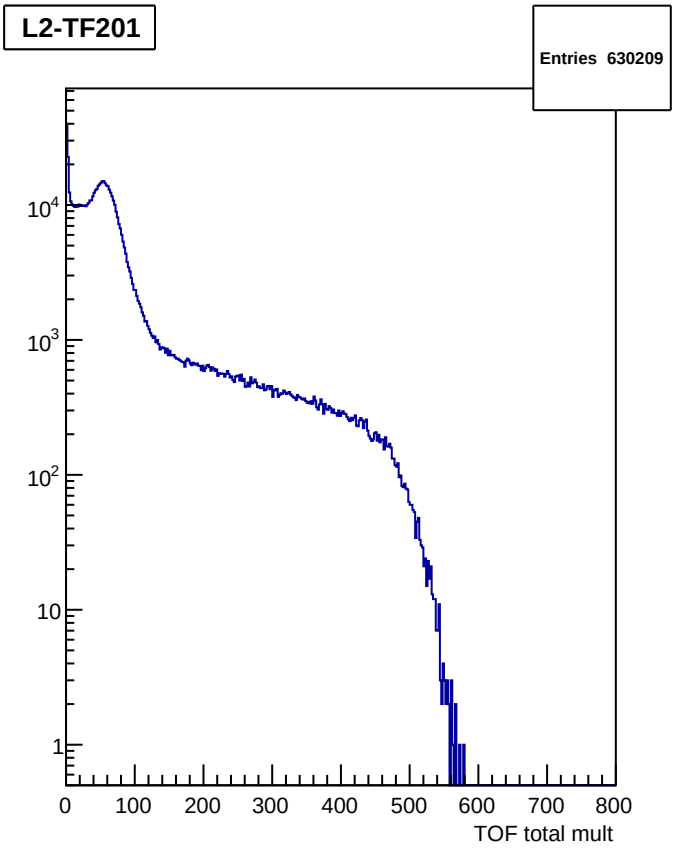

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

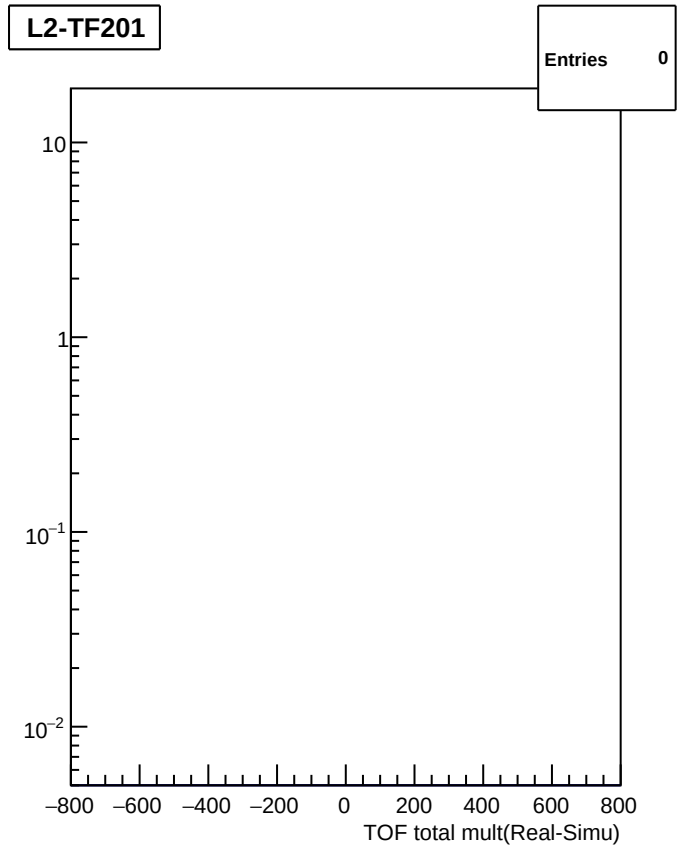

MIX-TF101
Entries 3781254
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

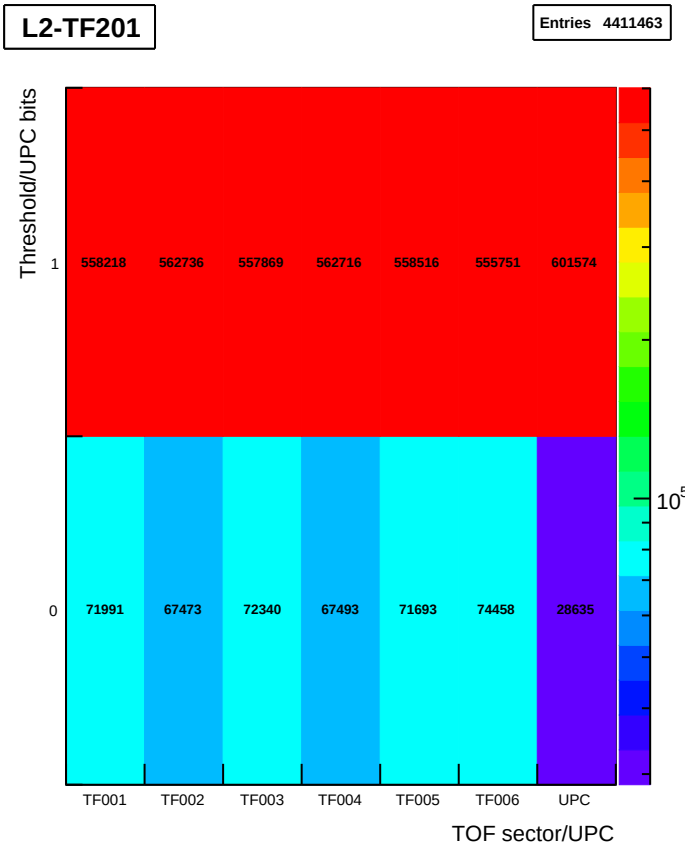

MIX-TF101
Entries 212405
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

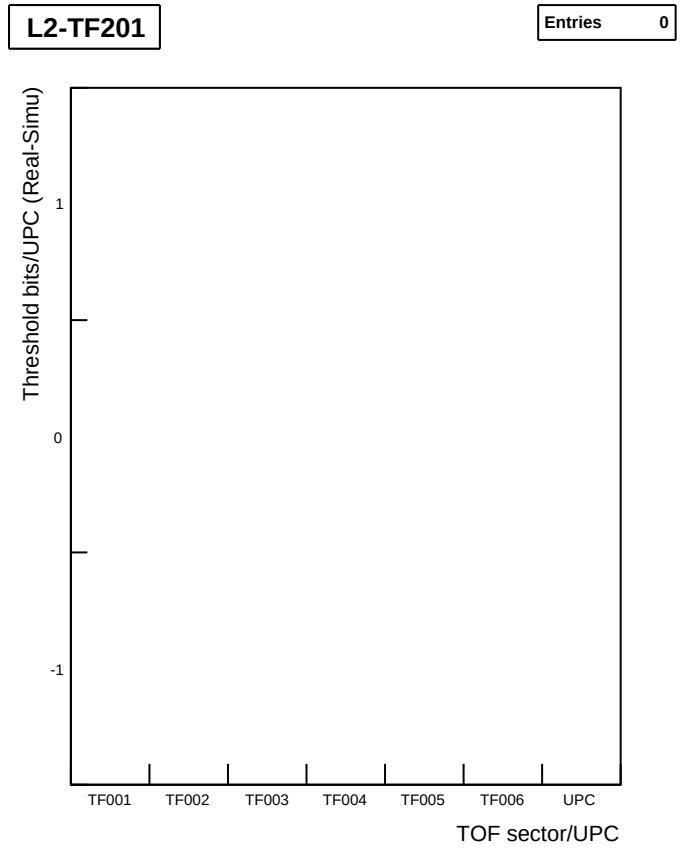

MIX-TF101
Entries 3781254
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

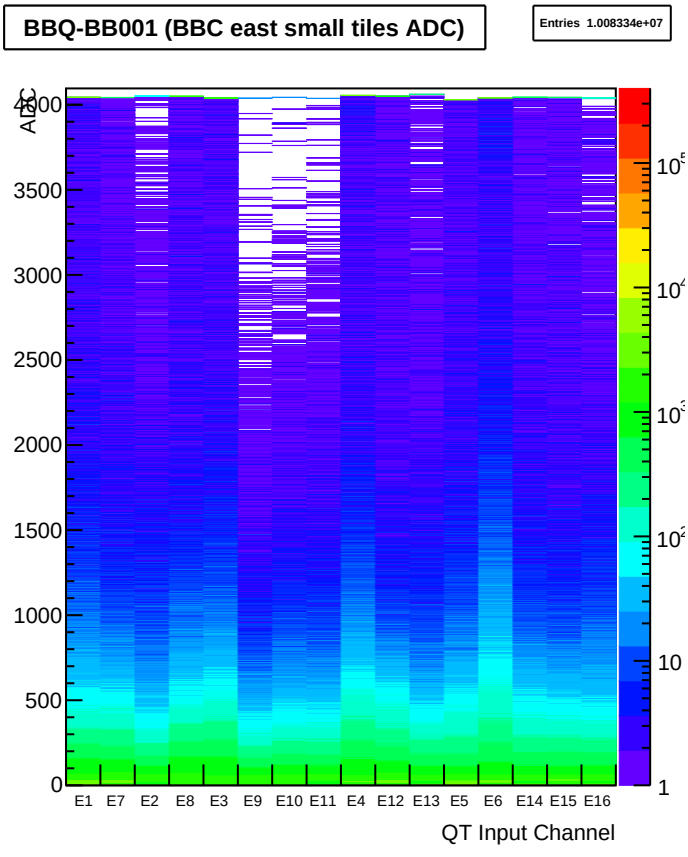

MIX-TF101
Entries 466642
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

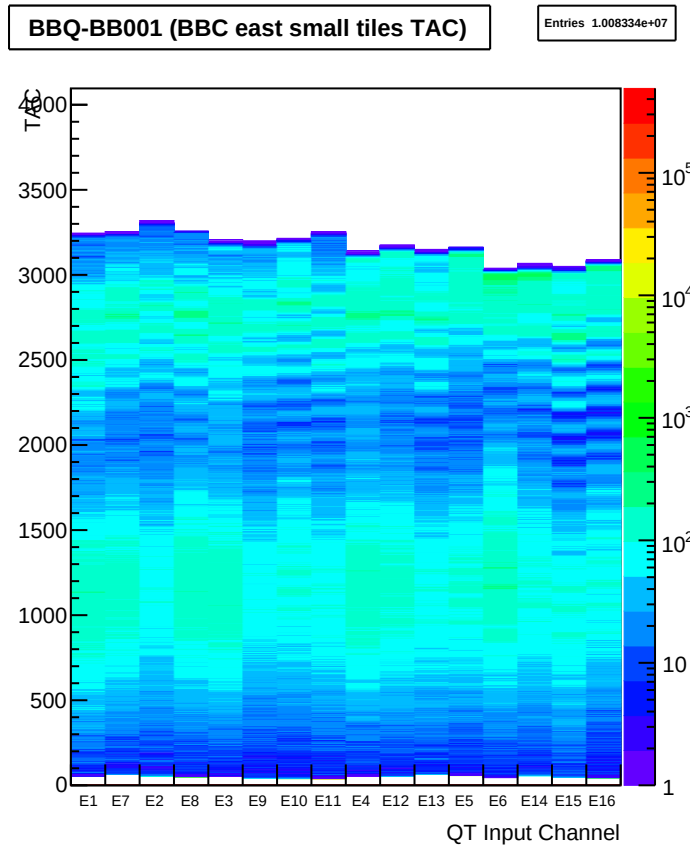

L2-TF201
Entries 630209
TOF total mult

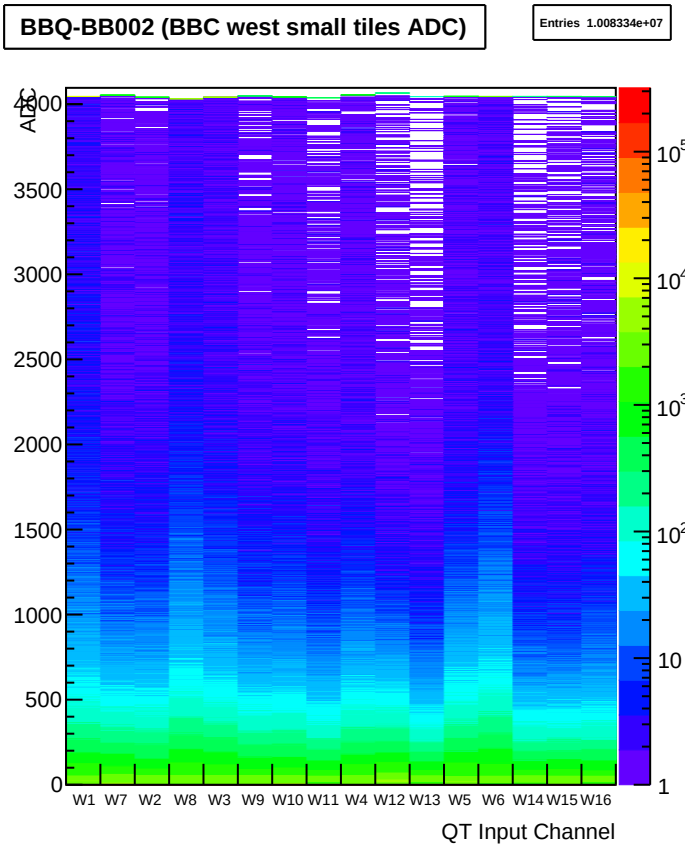

L2-TF201
Entries 0
TOF total mult(Real-Simu)

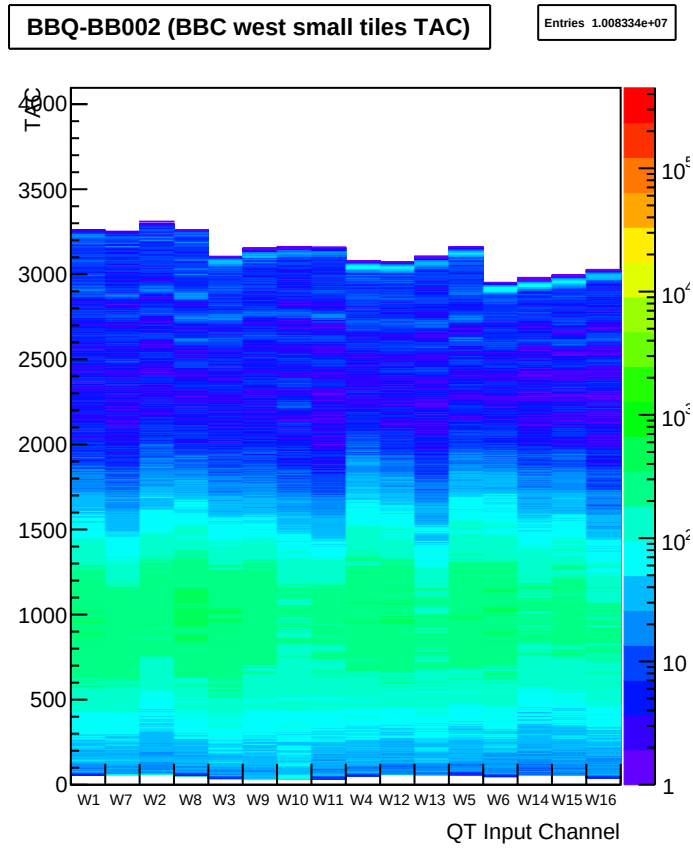

L2-TF201
Entries 4411463
Threshold/UPC bits
558218
562736
557869
562716
558516
555751
601574
71991
67473
72340
67493
71693
74458
28635
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

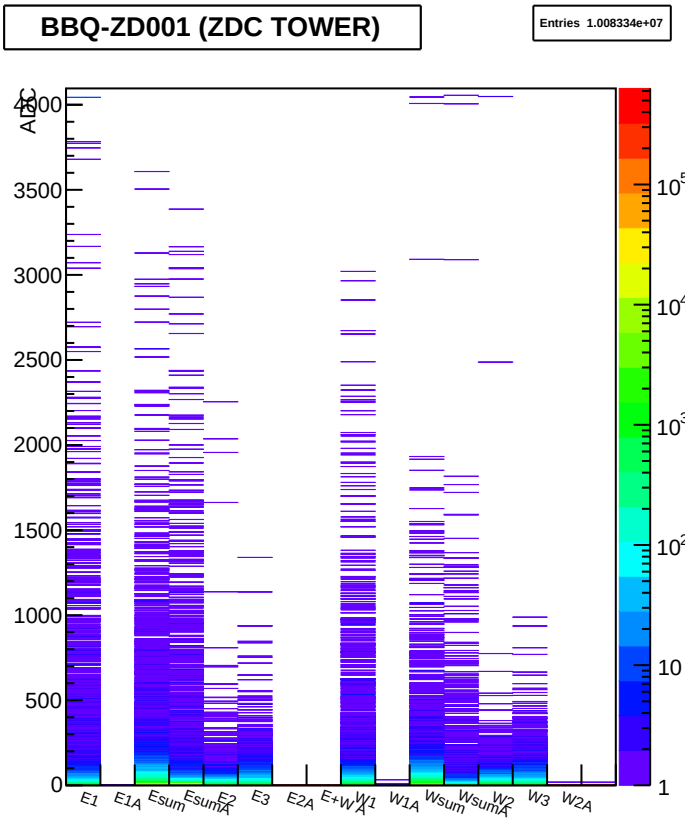

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

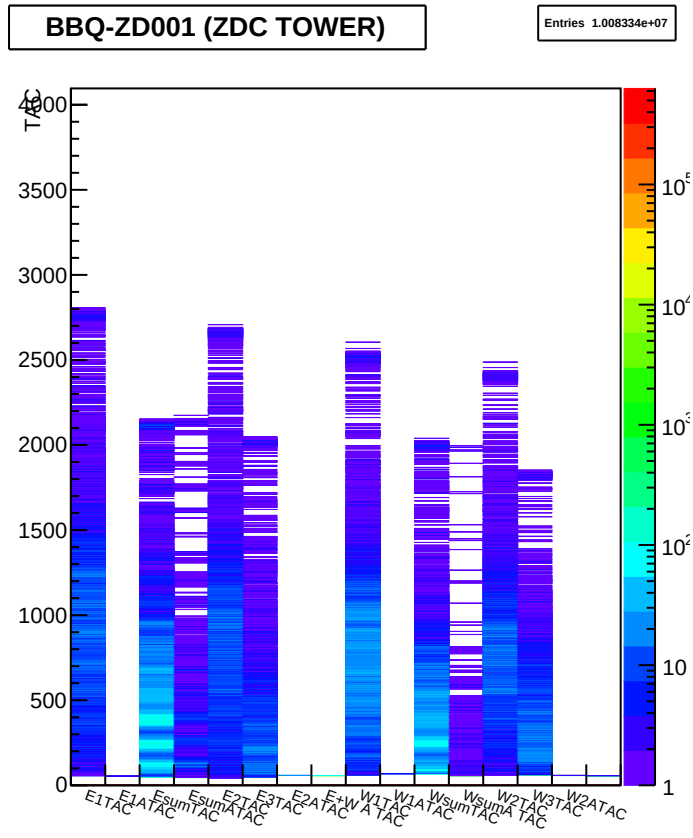

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.008334e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

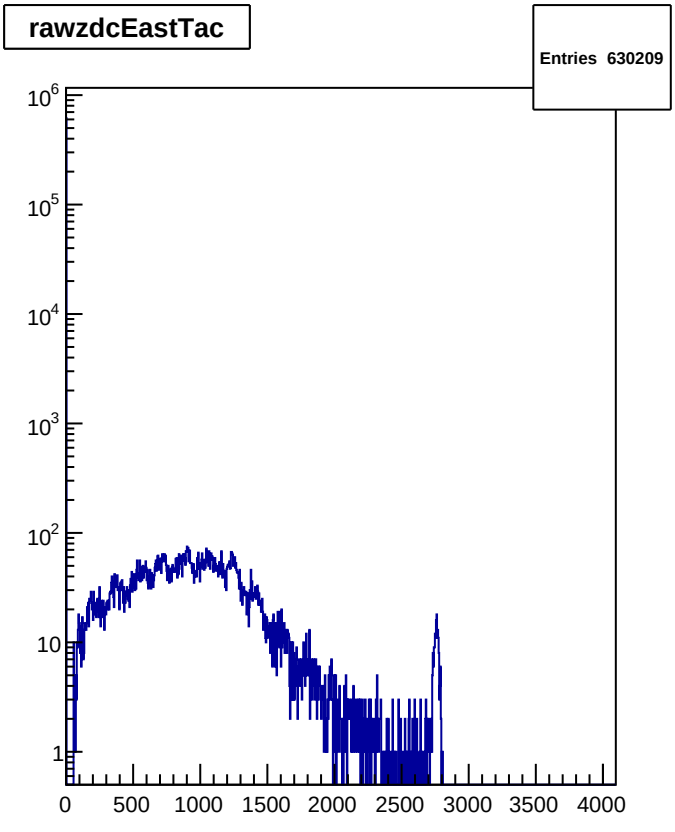

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.008334e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

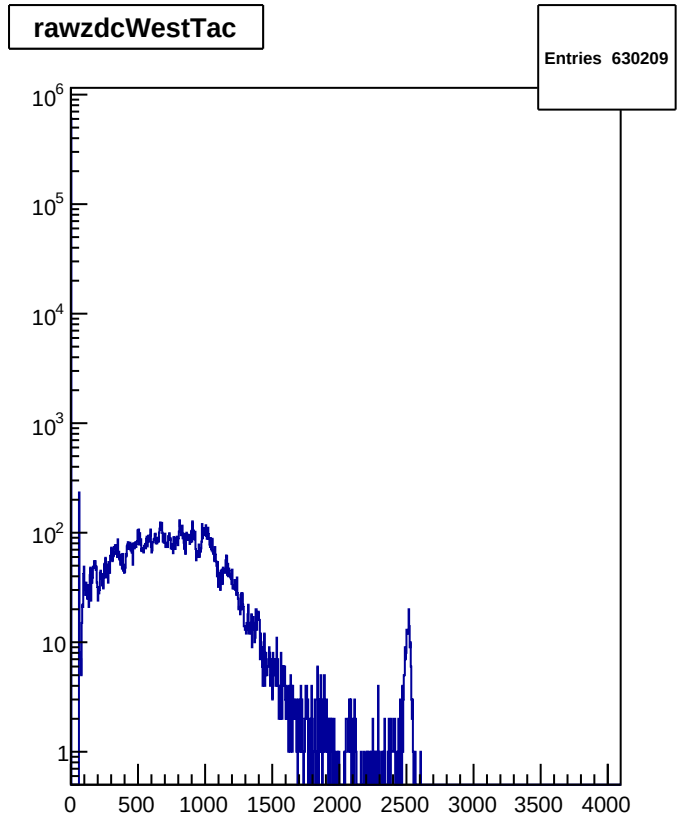

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.008334e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

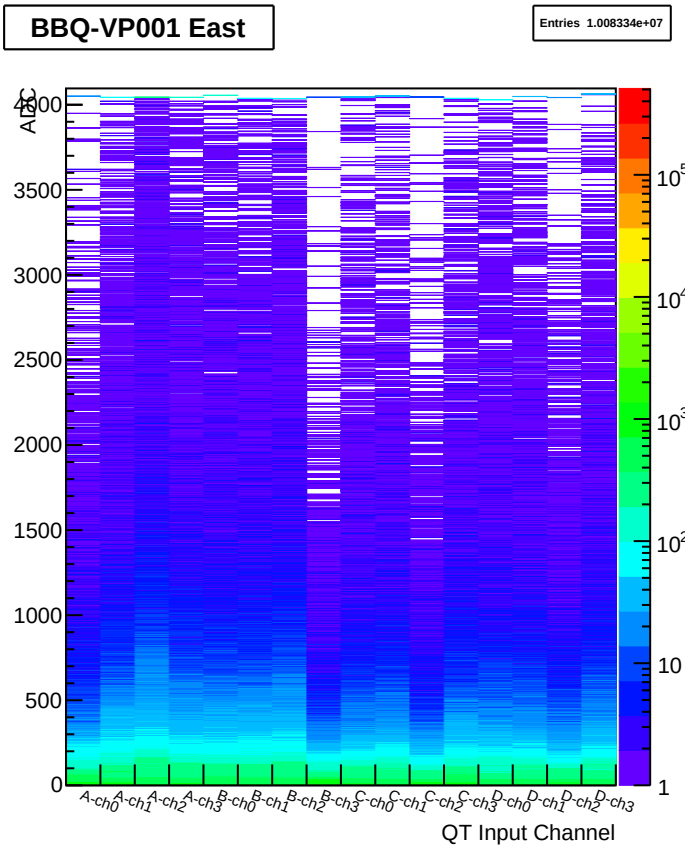

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.008334e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

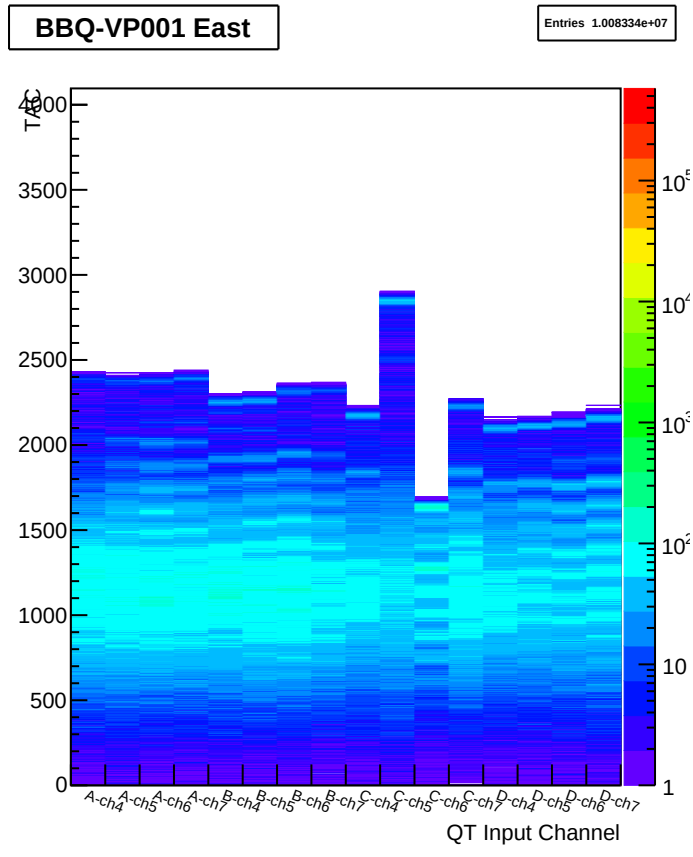

BBQ-ZD001 (ZDC TOWER)
Entries 1.008334e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

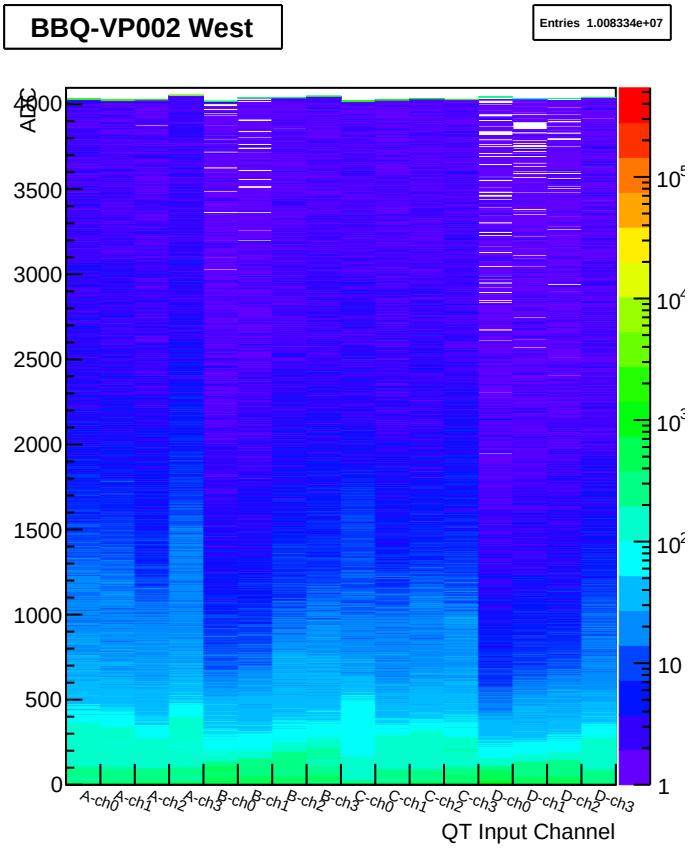

BBQ-ZD001 (ZDC TOWER)
Entries 1.008334e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

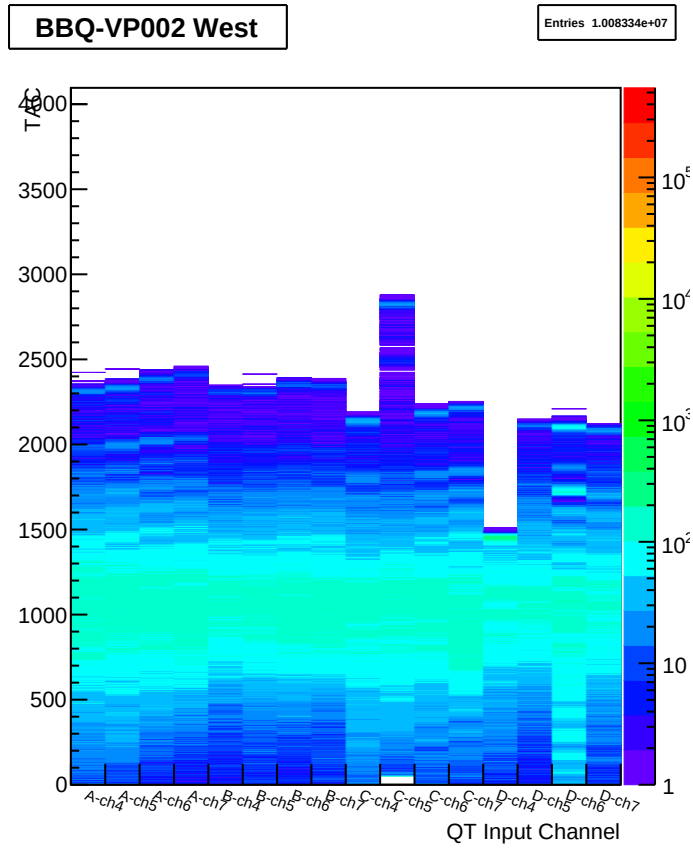

rawzdcEastTac
Entries 630209

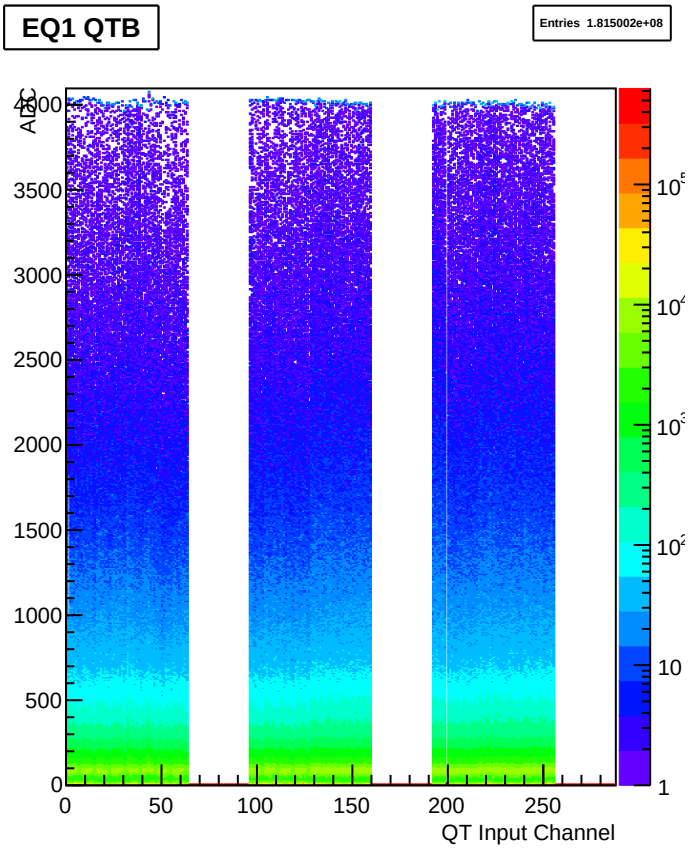

rawzdcWestTac
Entries 630209

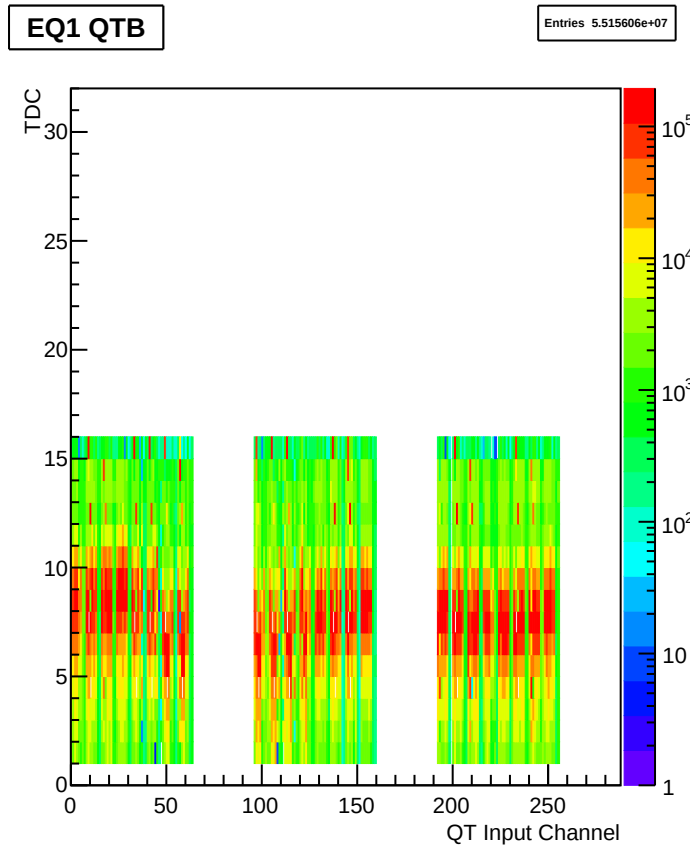

BBQ-VP001 East
Entries 1.008334e+07
ADC
QT Input Channel

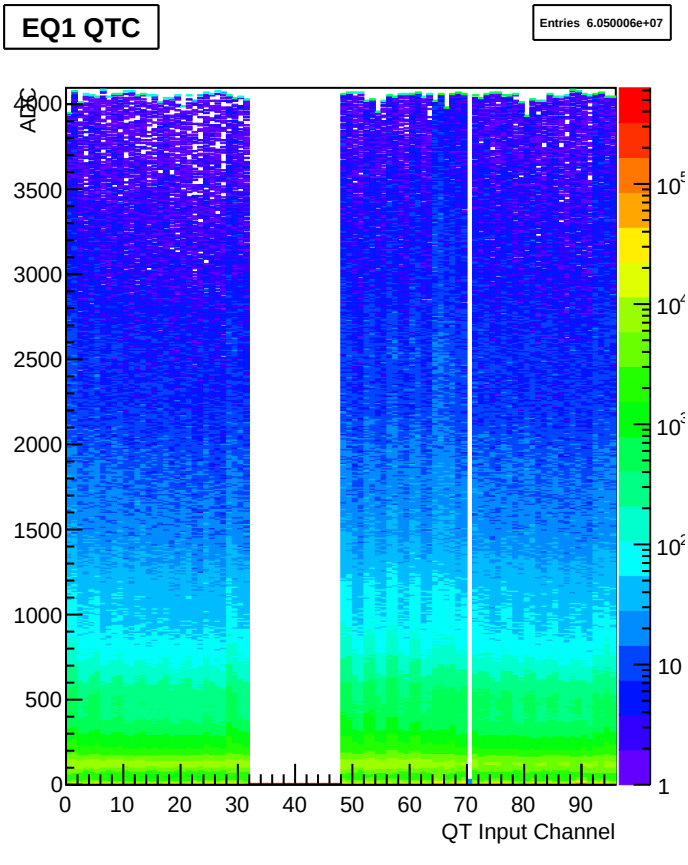

BBQ-VP001 East
Entries 1.008334e+07
TAC
QT Input Channel

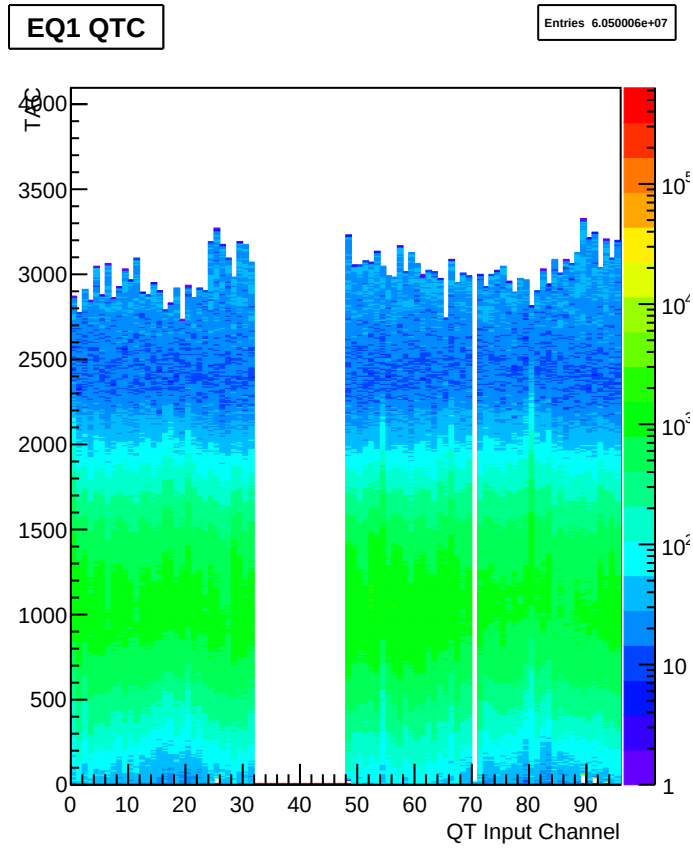

BBQ-VP002 West
Entries 1.008334e+07
ADC
QT Input Channel

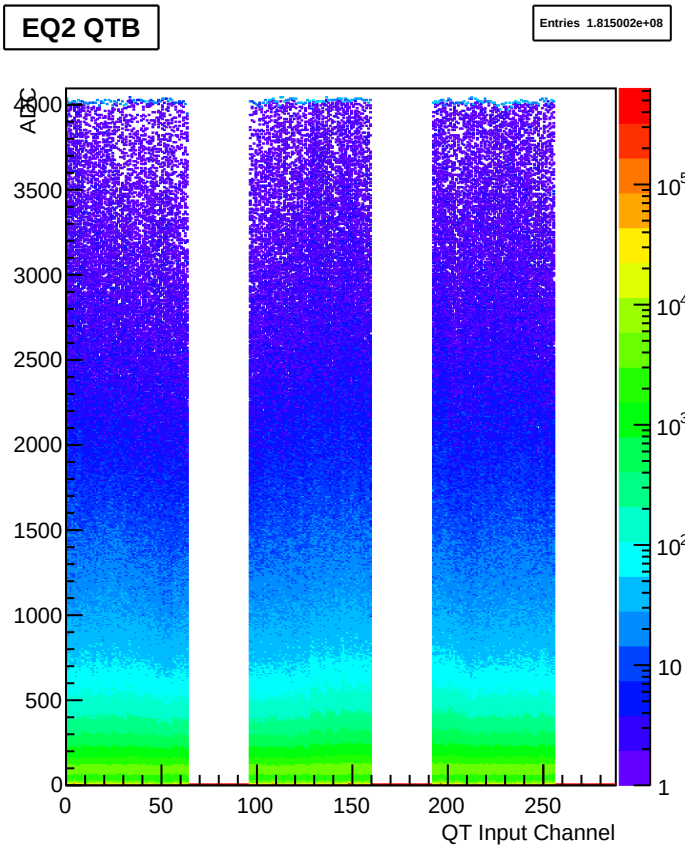

BBQ-VP002 West
Entries 1.008334e+07
TAC
QT Input Channel

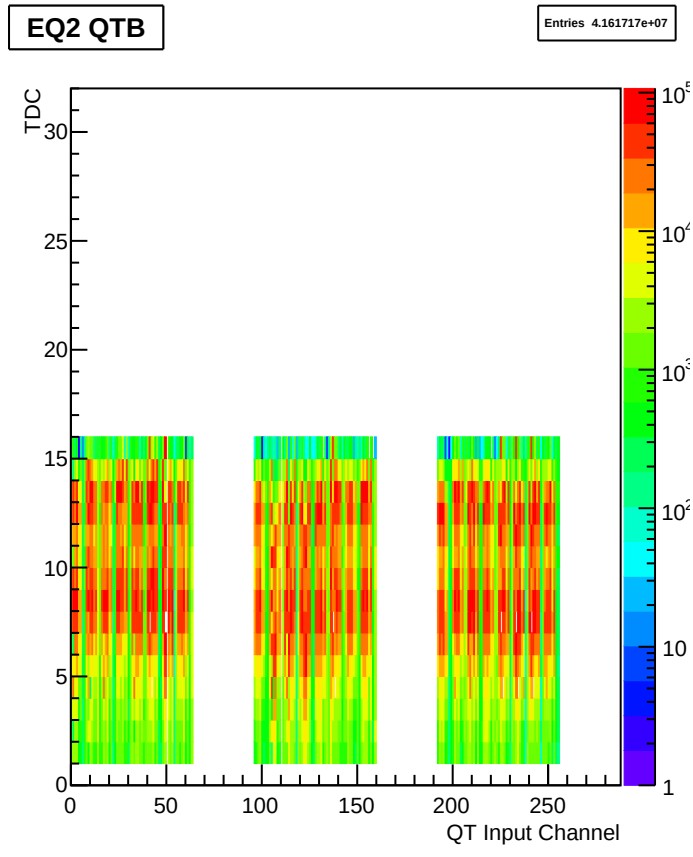

EQ1 QTB
Entries 1.815002e+08
ADC
QT Input Channel

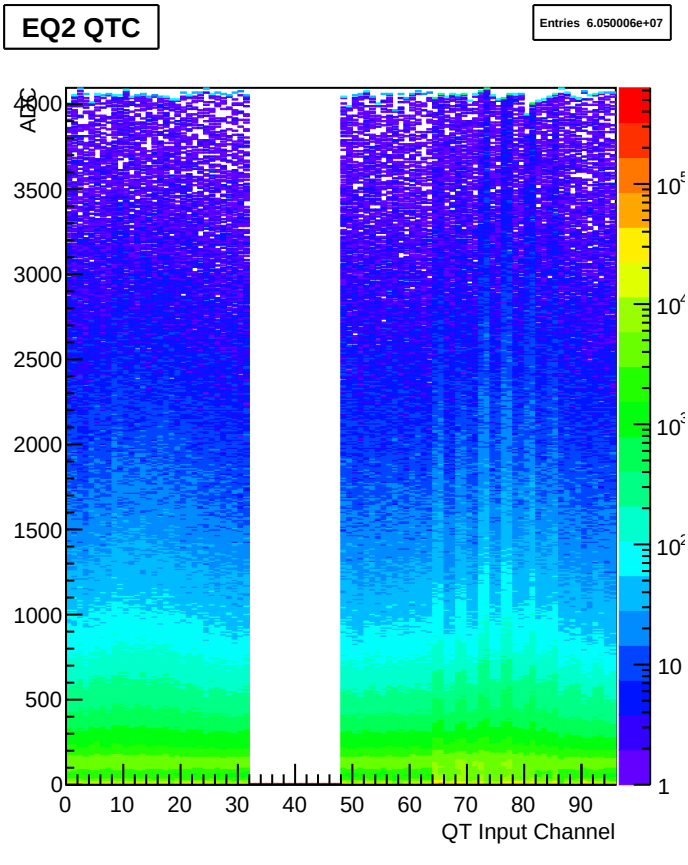

EQ1 QTB
Entries 5.515606e+07
TDC
QT Input Channel

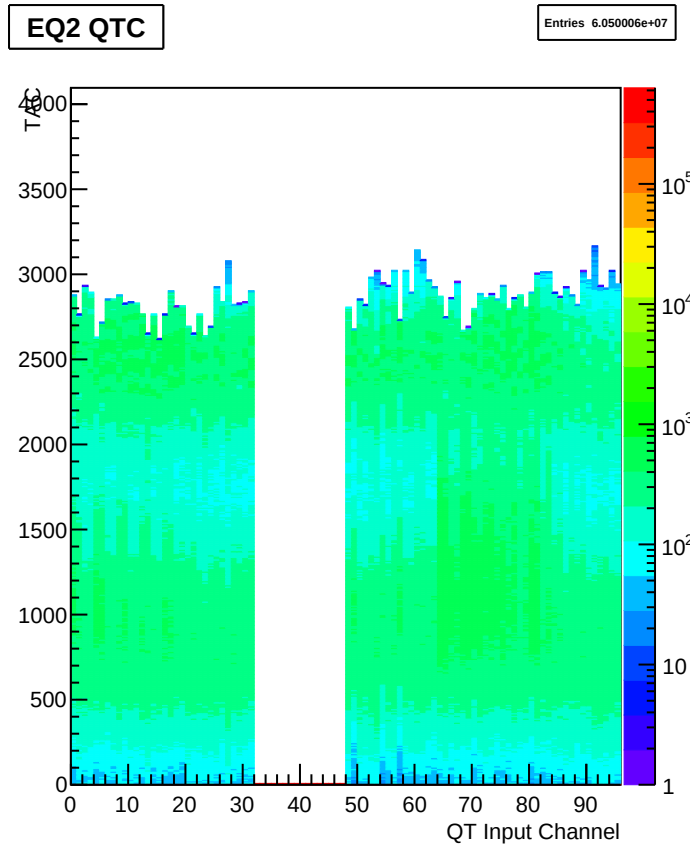

EQ1 QTC
Entries 6.050006e+07
ADC
QT Input Channel

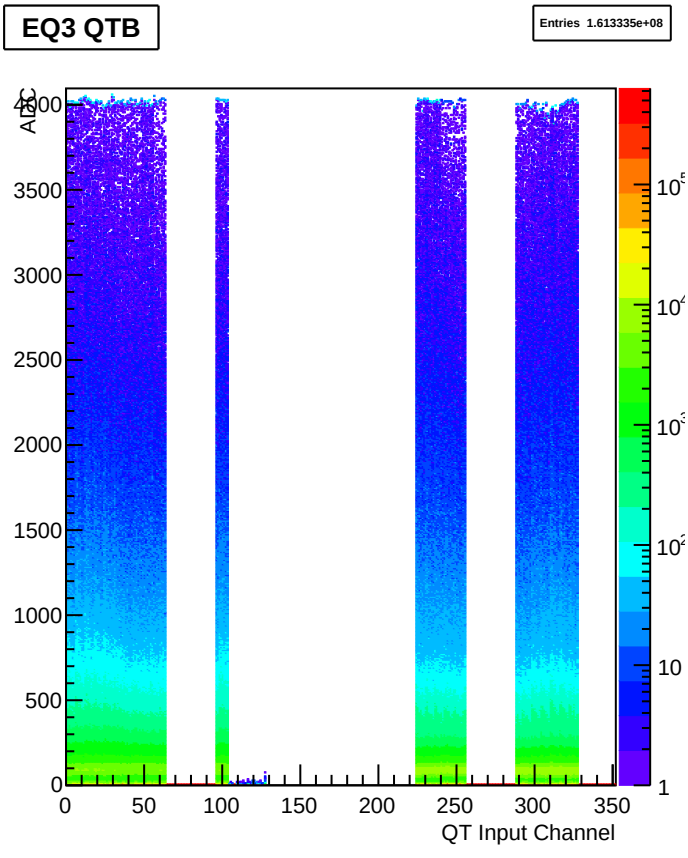

EQ1 QTC
Entries 6.050006e+07
TADC
QT Input Channel

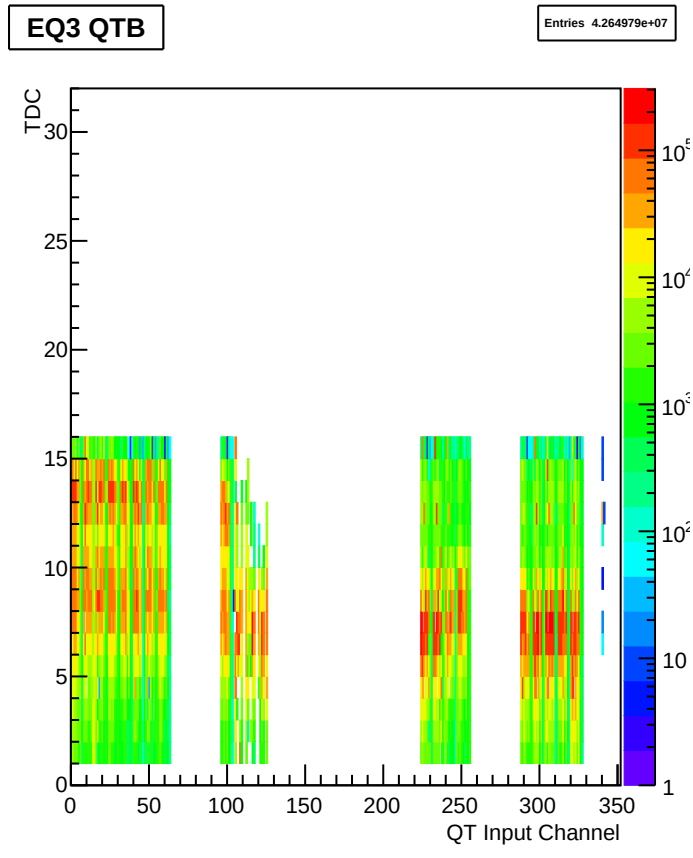

EQ2 QTB
Entries 1.815002e+08
ADC
QT Input Channel


EQ2 QTB
Entries 4.161717e+07
TDC
QT Input Channel


EQ2 QTC
Entries 6.050006e+07
ADC
QT Input Channel


EQ2 QTC
Entries 6.050006e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.613335e+08
ADC
QT Input Channel


EQ3 QTB
Entries 4.264979e+07
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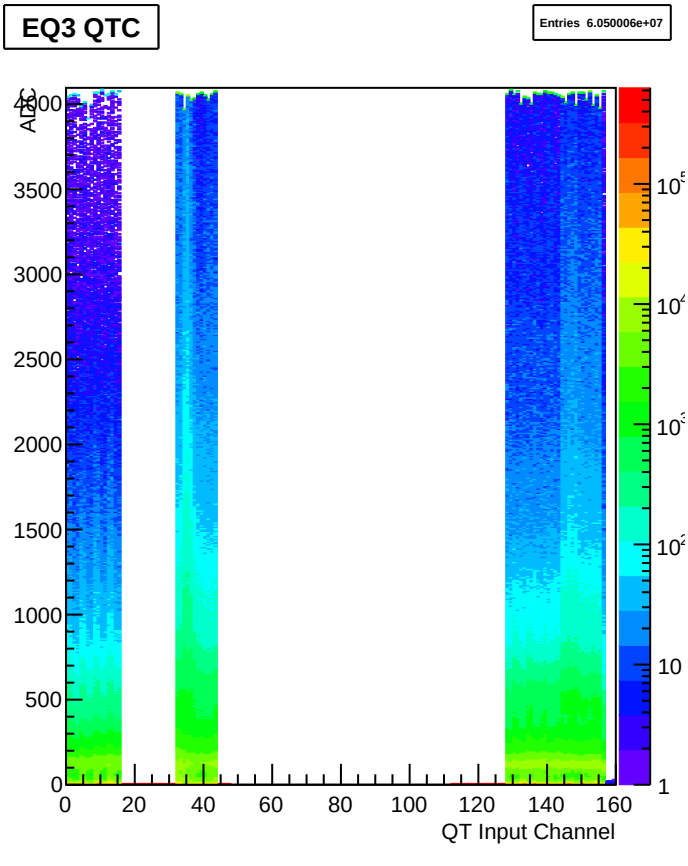
QT Input Channel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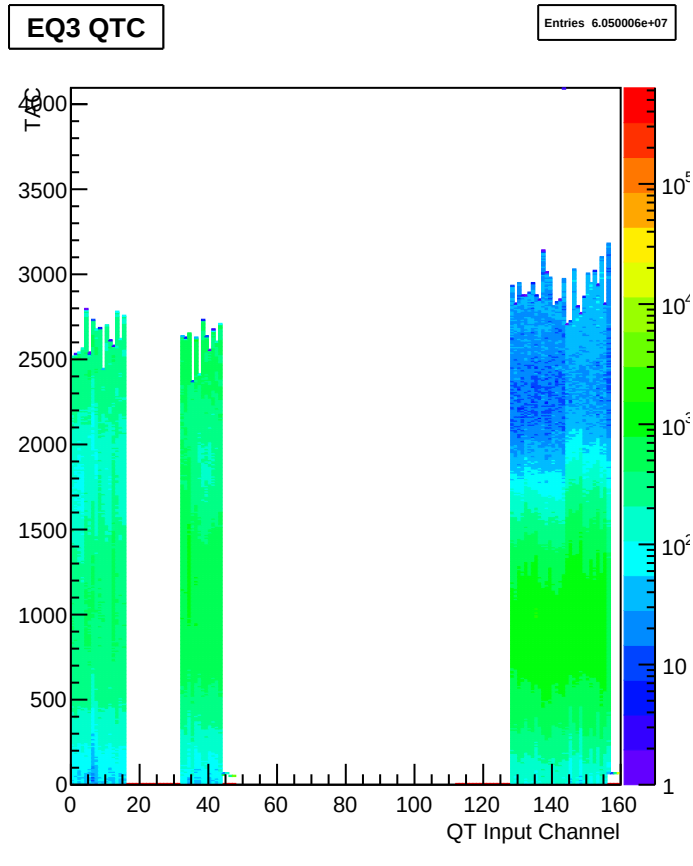
QT Input Channel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Entries 6.050006e+07
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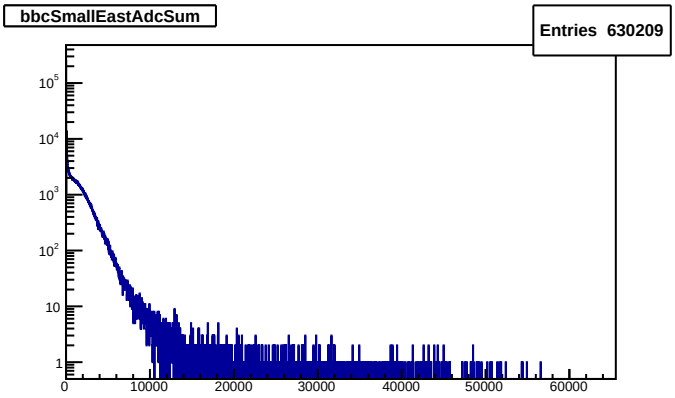
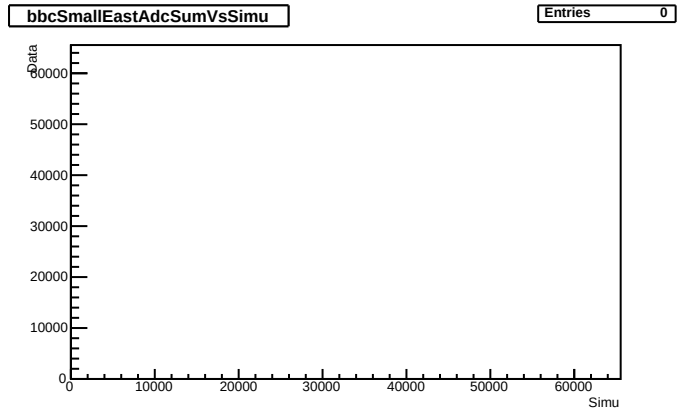
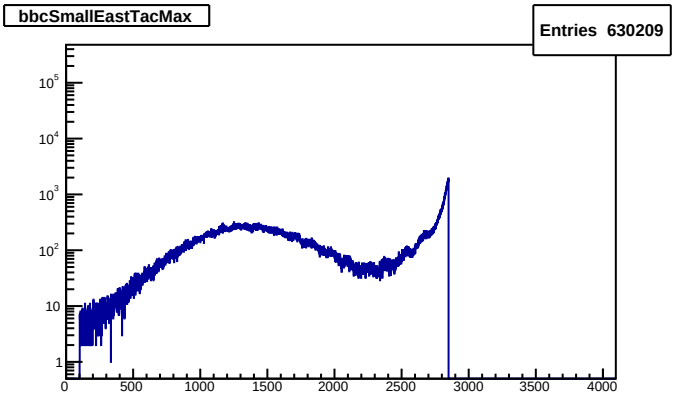
QT Input Channel


bbcSmallEastAdcSum
Entries 630209


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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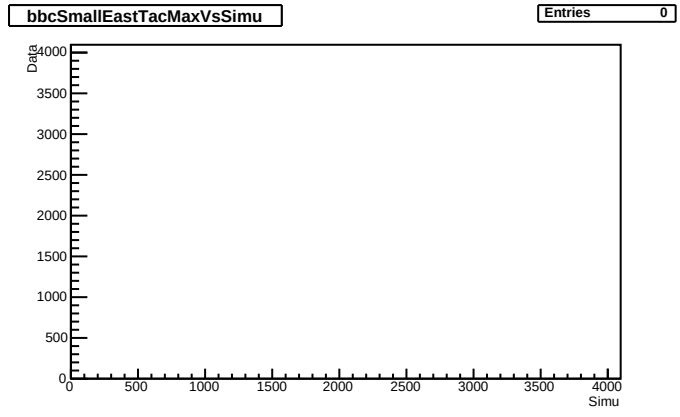
Entries 630209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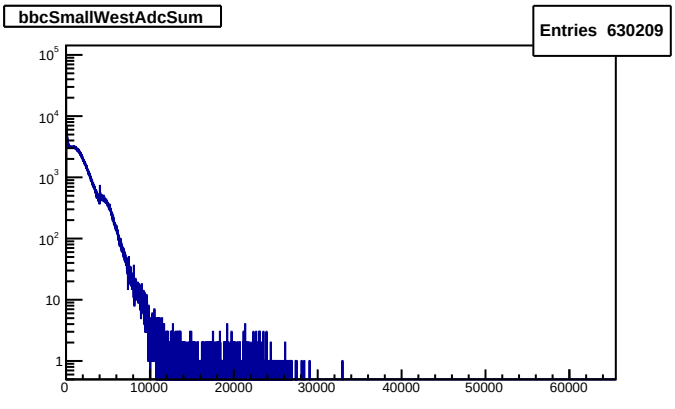
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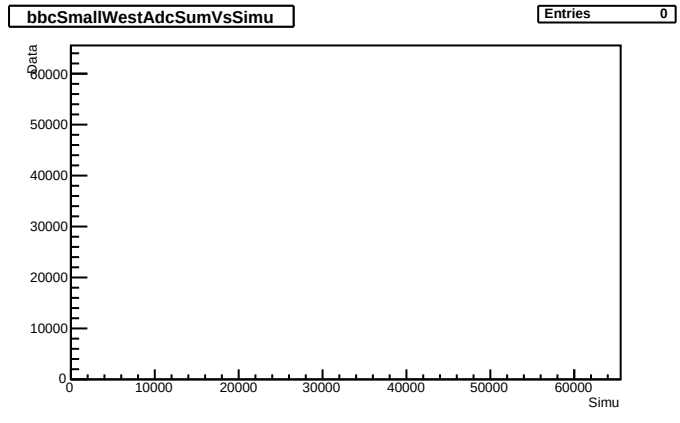
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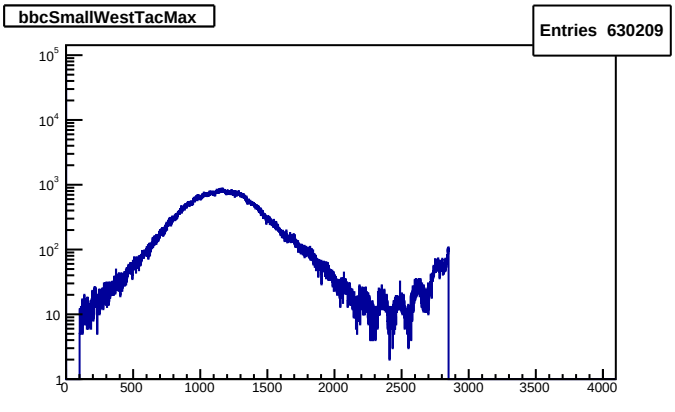
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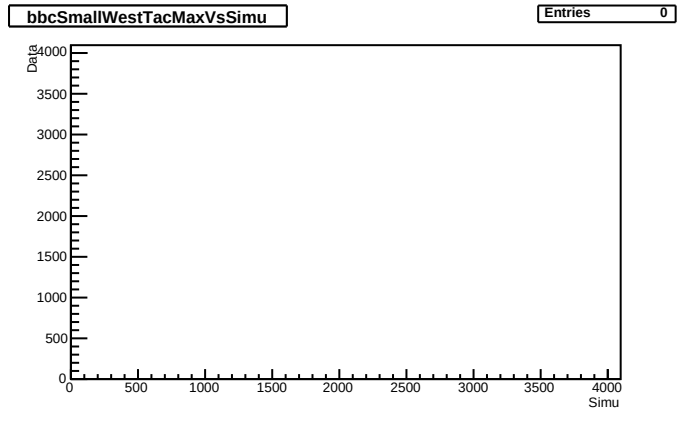
bbcSmallWestTacMaxVsSimu
Entries 0
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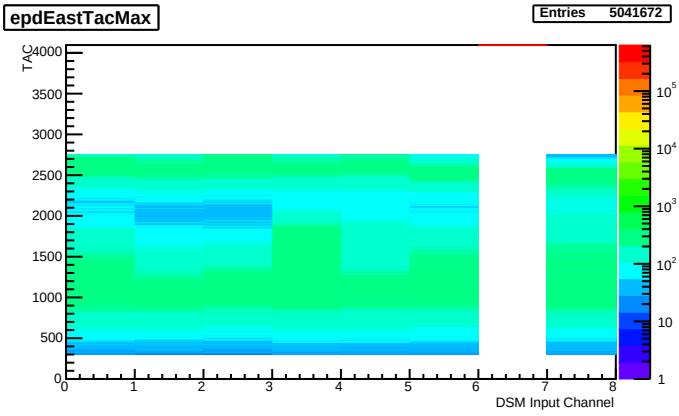
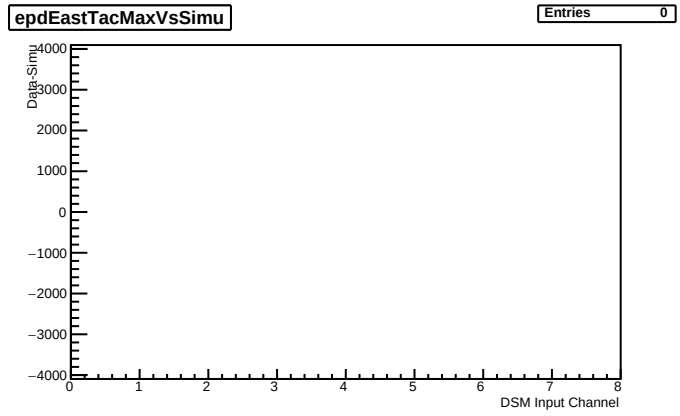
Simu


epdEastTacMax
Entries 5041672
TAC
DSM Input Channel


epdEastTacMaxVsSimu
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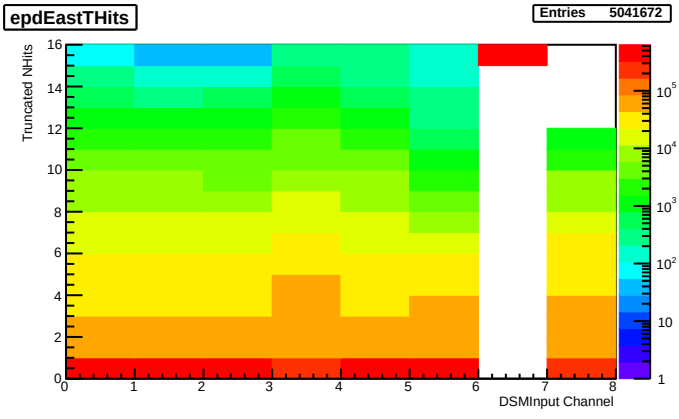
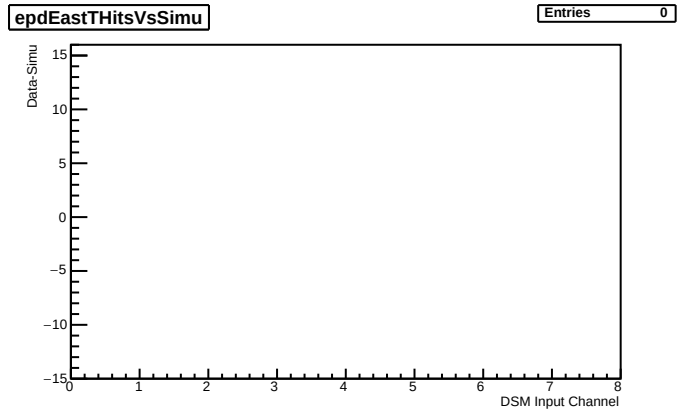
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5041672
Truncated NHits
DSMInput Channel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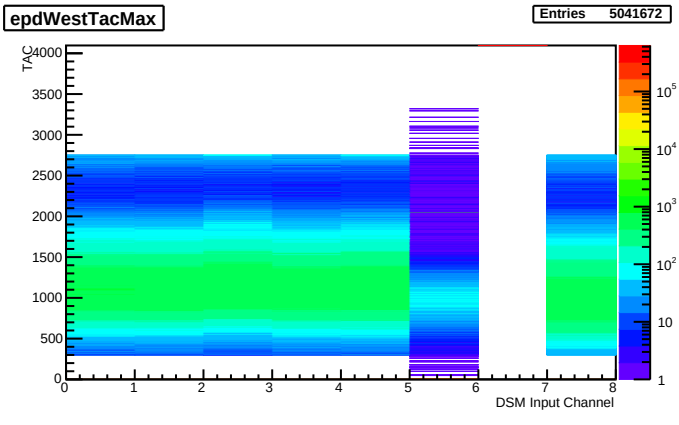
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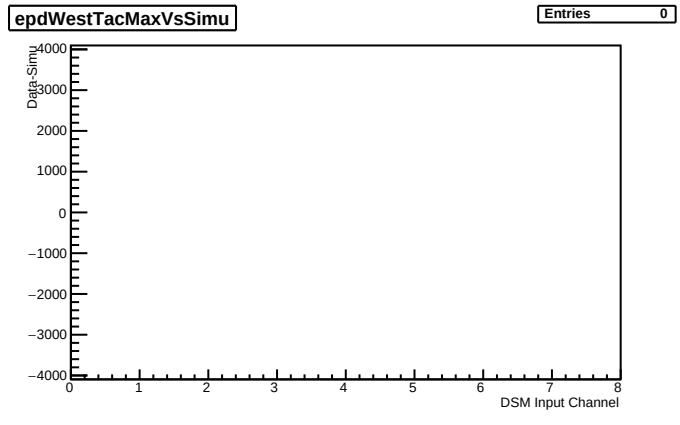
DSM Input Channel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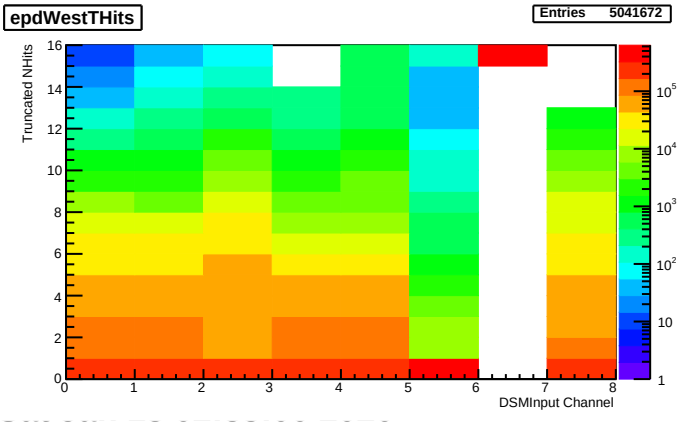
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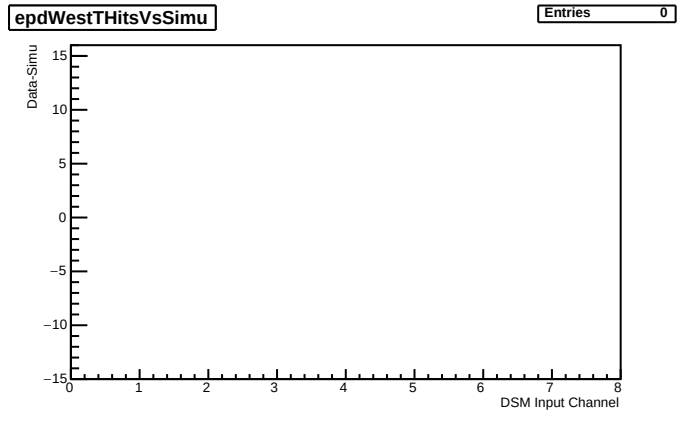
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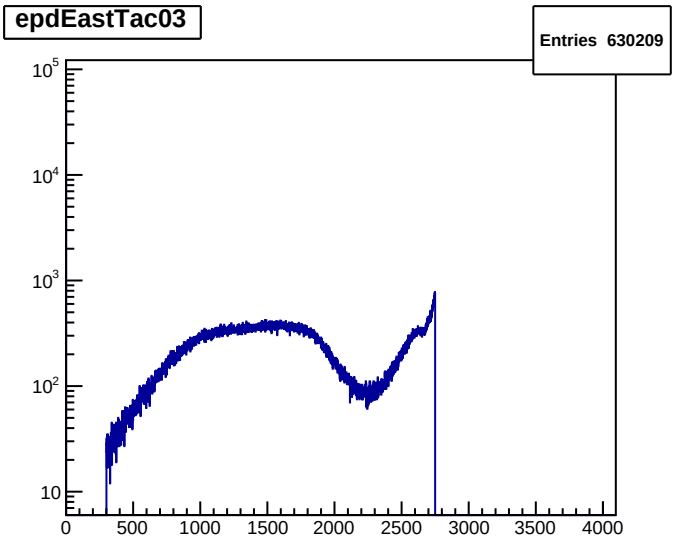
DSM Input Channel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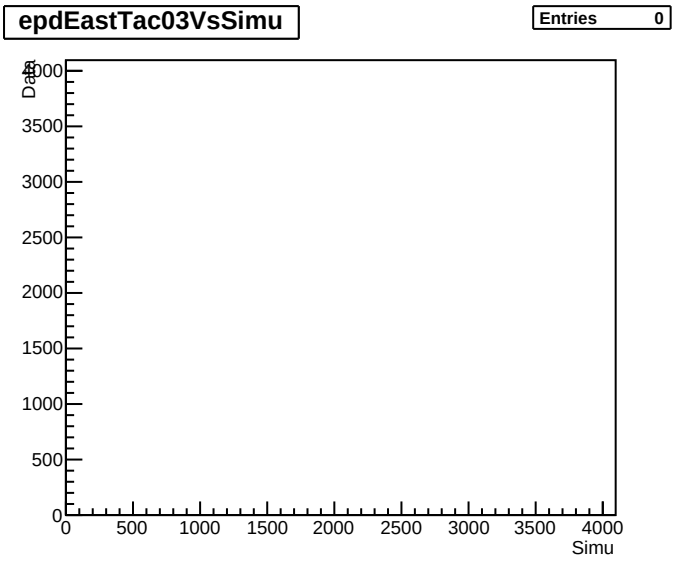
Entries 630209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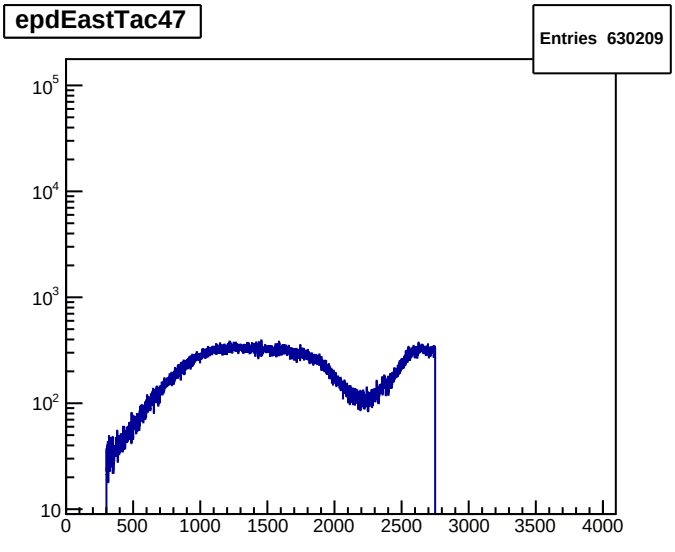
Data
Simu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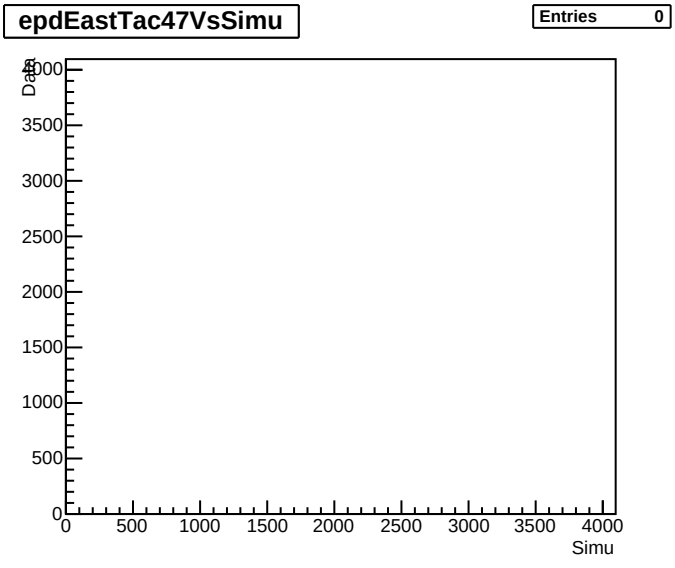
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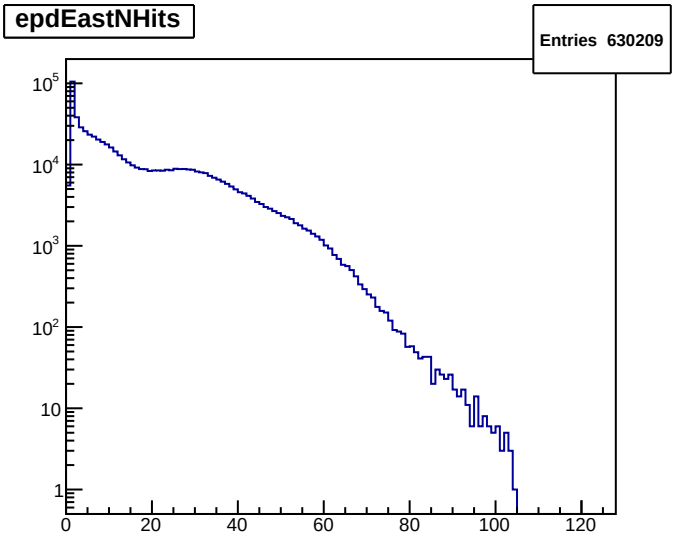
Entries 0
Data
Simu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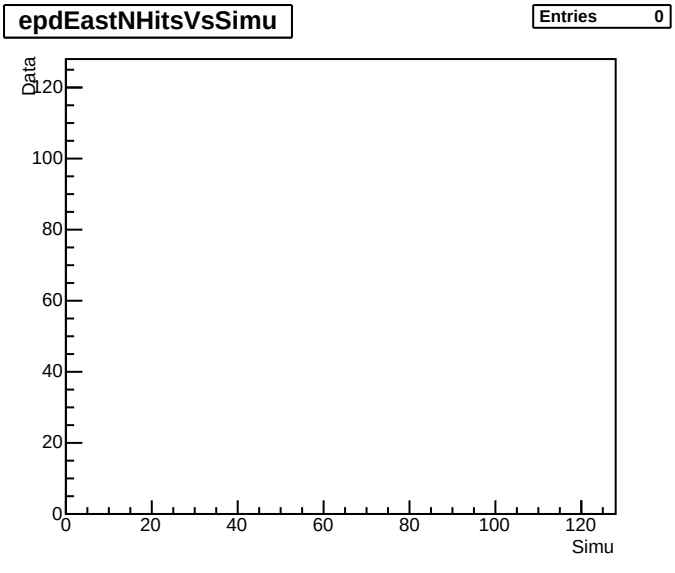
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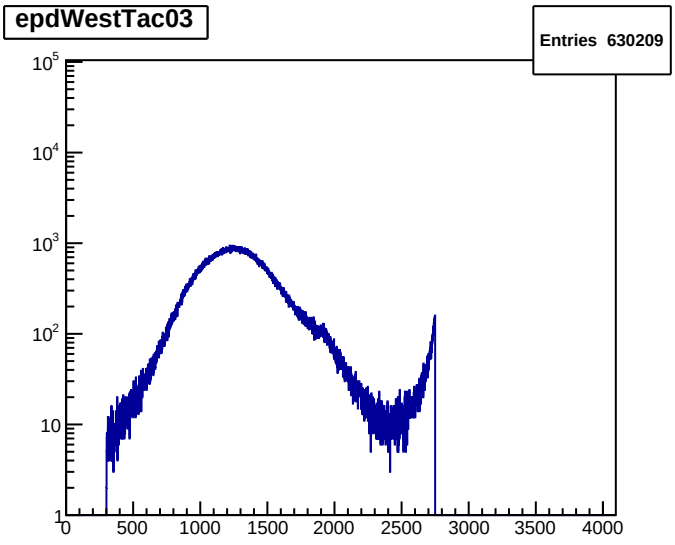
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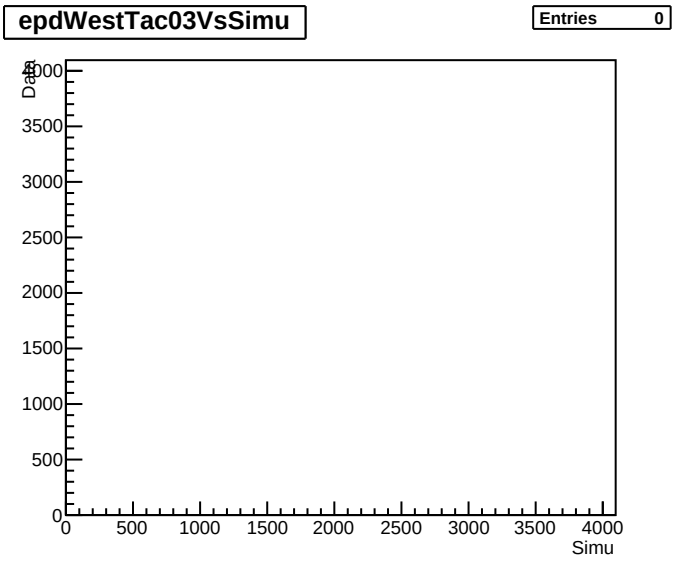
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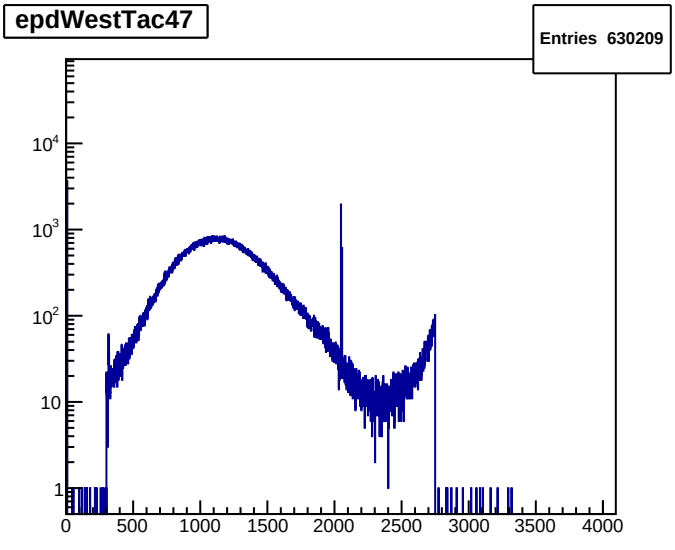
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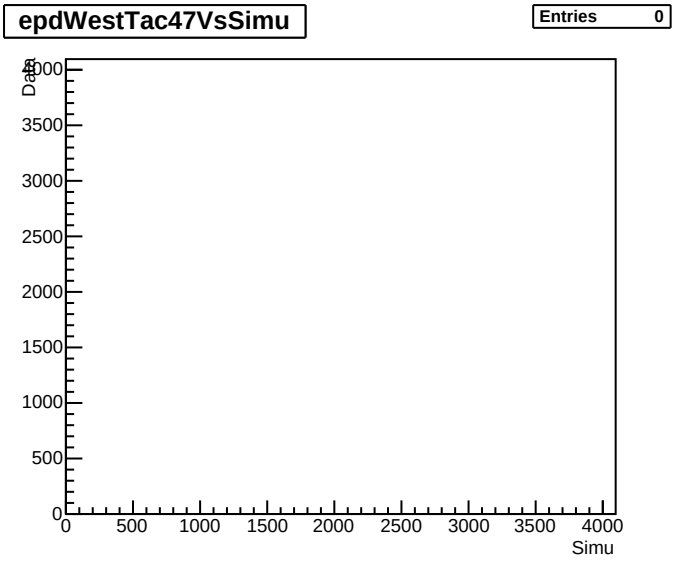
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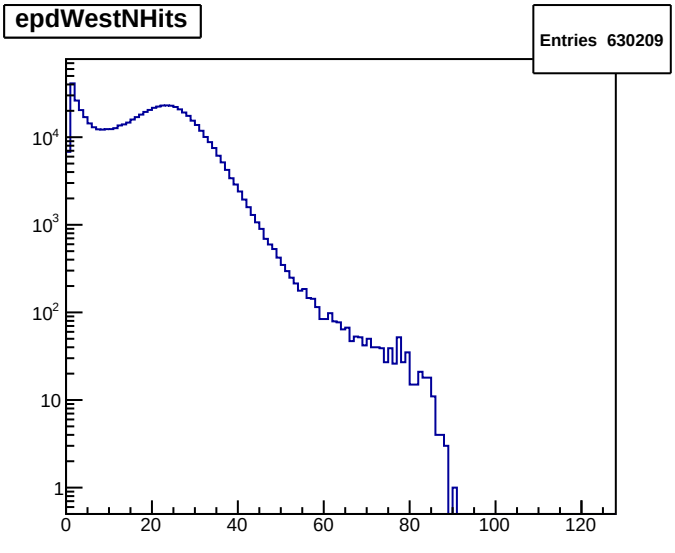
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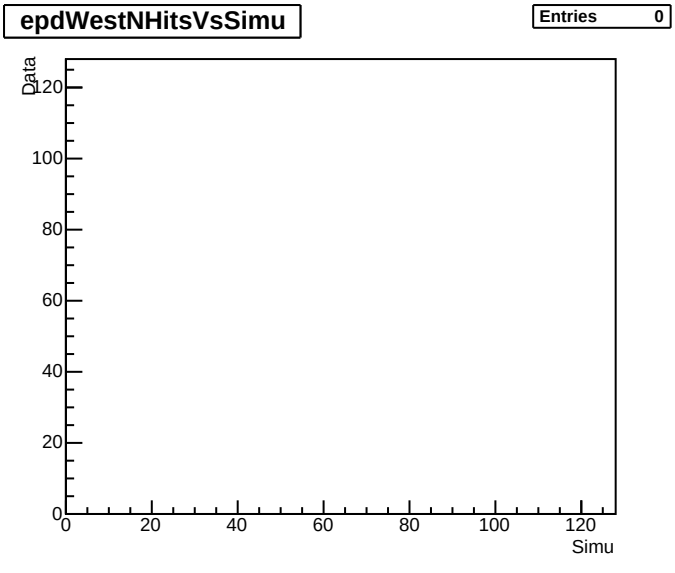
Entries 630209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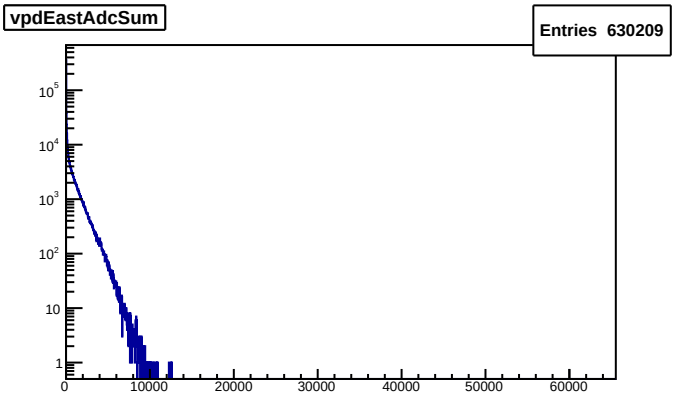
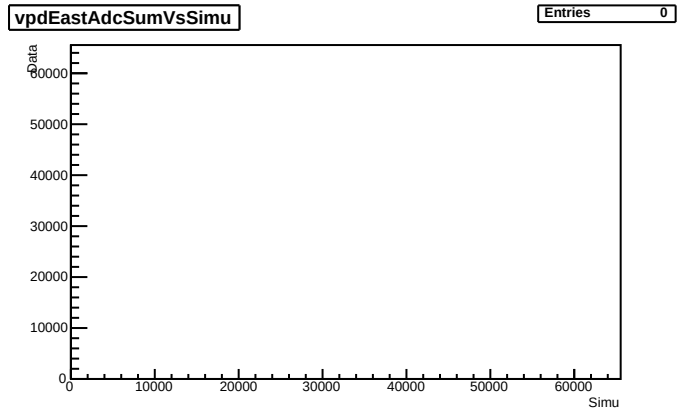
Entries 0
Data
Simu


vpdEastAdcSum
Entries 630209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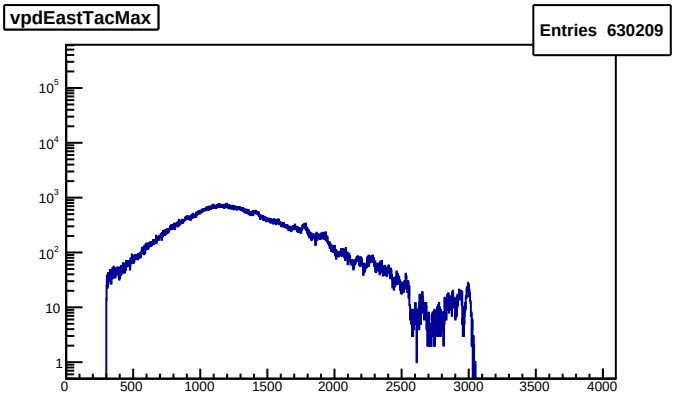
Data
Simu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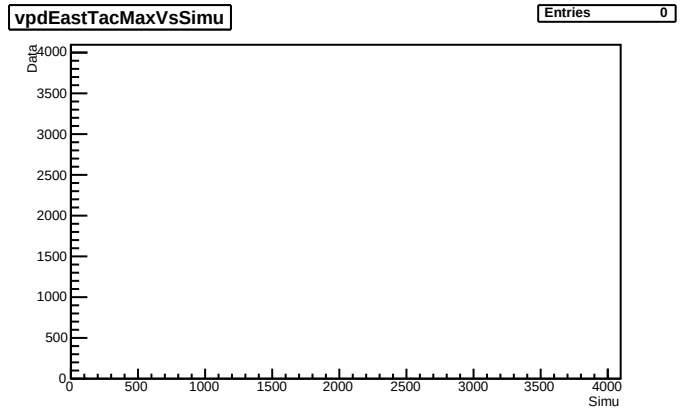
Entries 630209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Entries 0
Data
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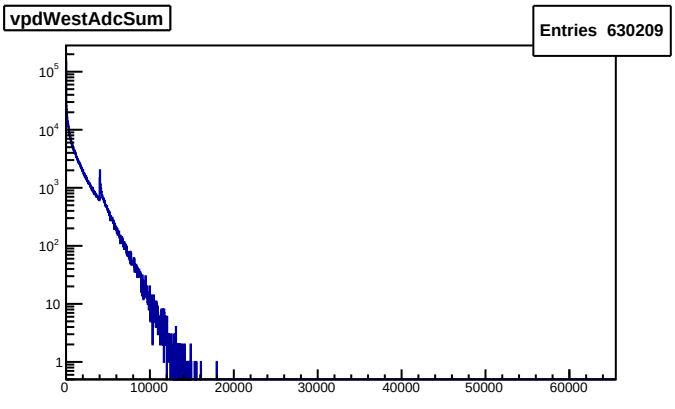
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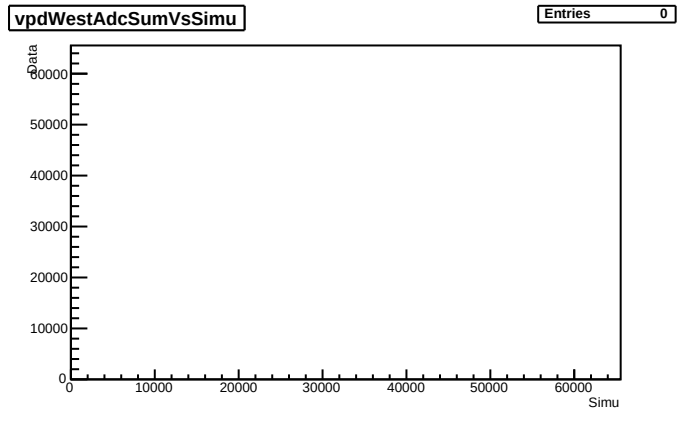
Entries 630209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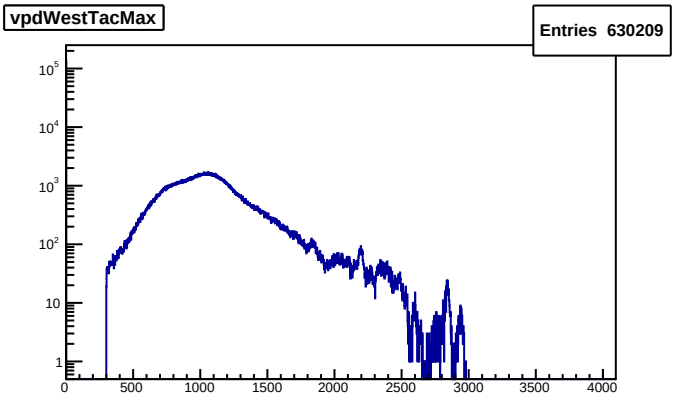
Simu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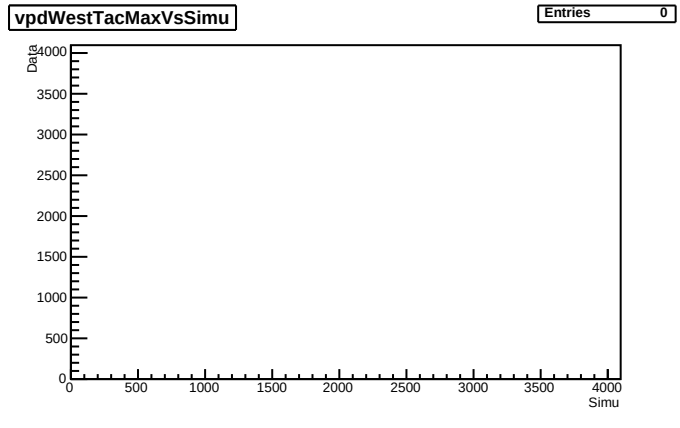
Entries 630209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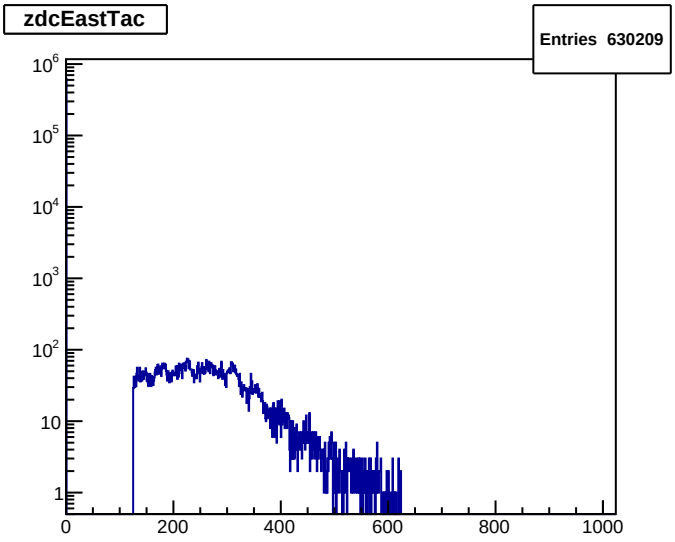
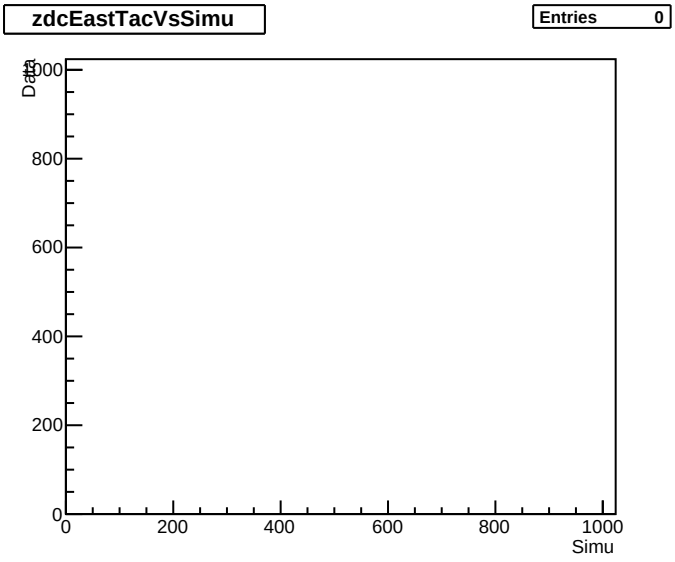
Entries 0
Data
Simu


zdcEastTac
Entries 630209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Entries 0
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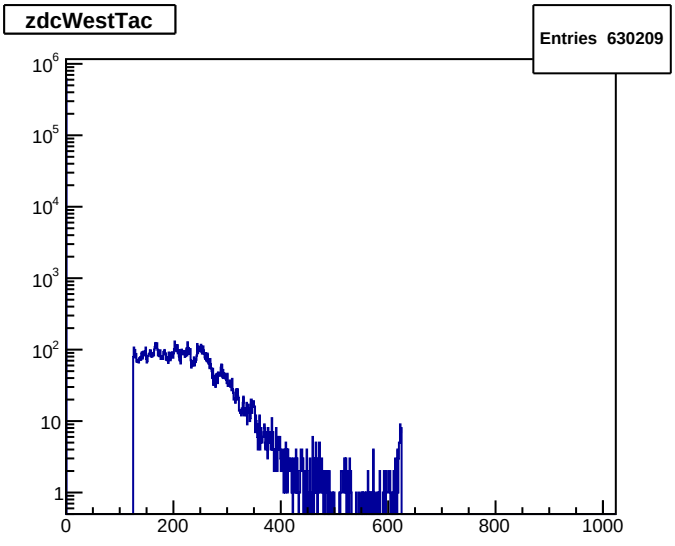
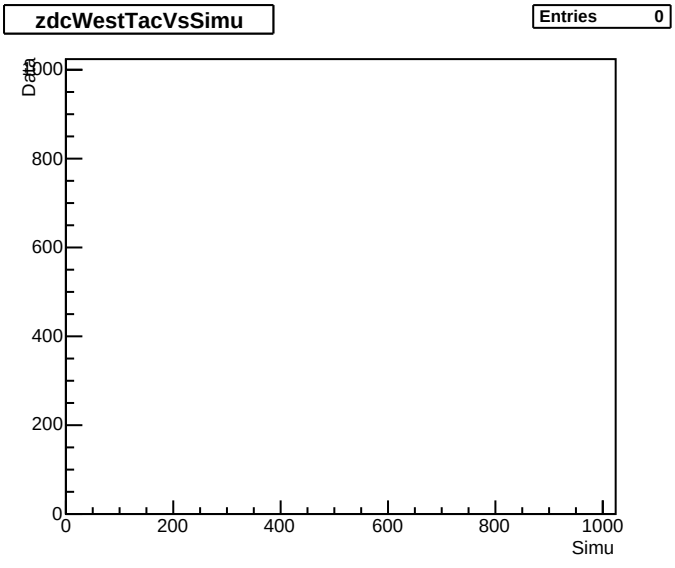
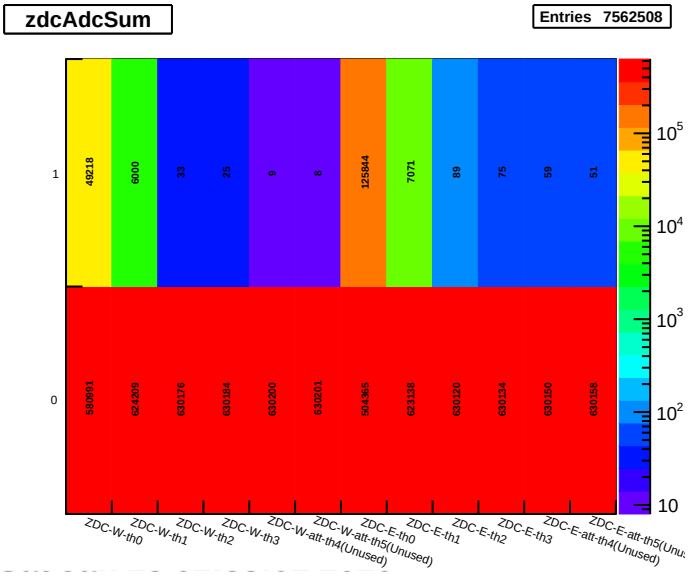

zdcWestTac
Entries 630209


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 7562508
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6000
33
25
9
8
125844
7071
89
75
59
51
580991
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630176
630184
630200
630201
504365
623138
630120
630134
630150
630158
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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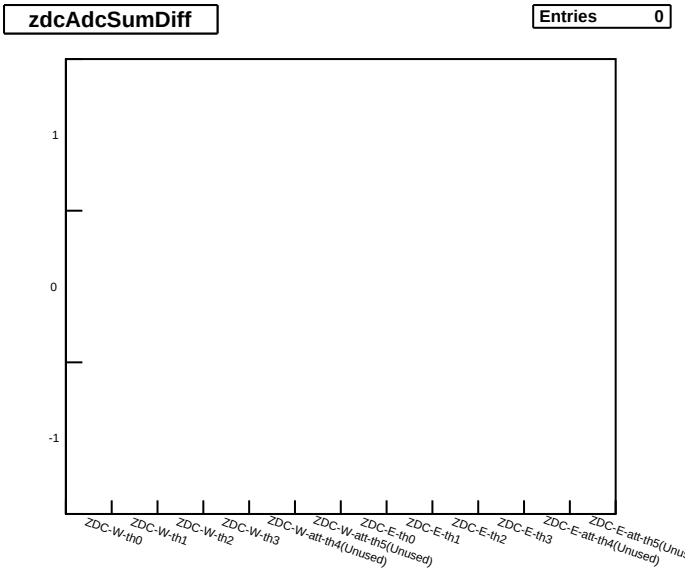
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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
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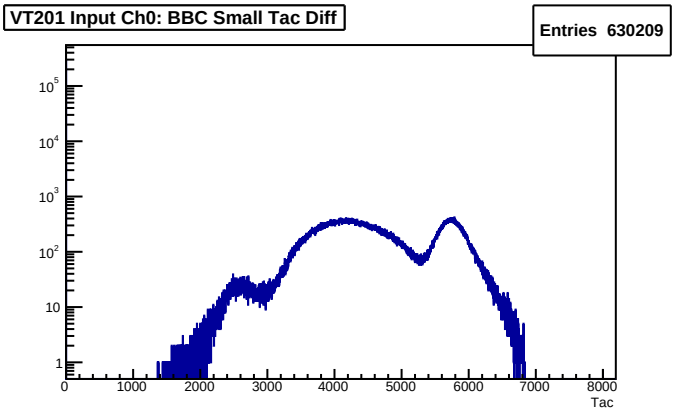
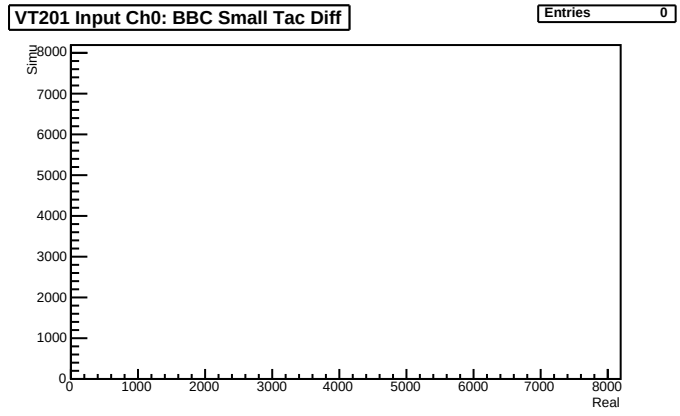
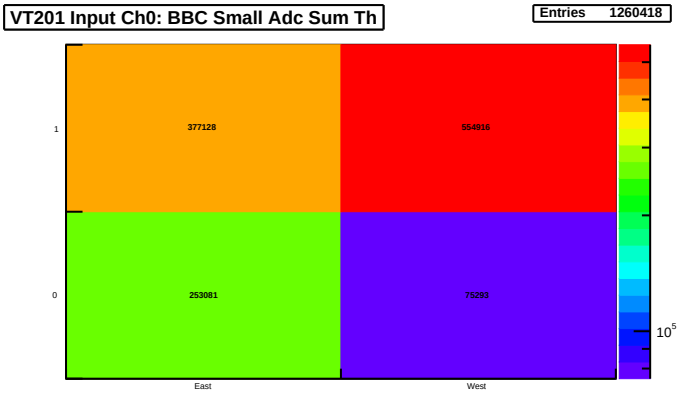
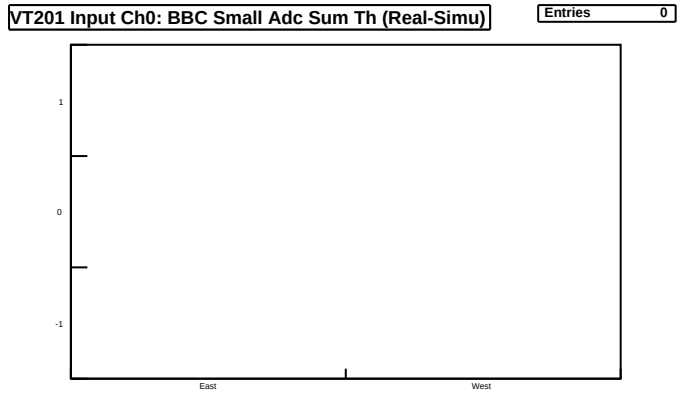
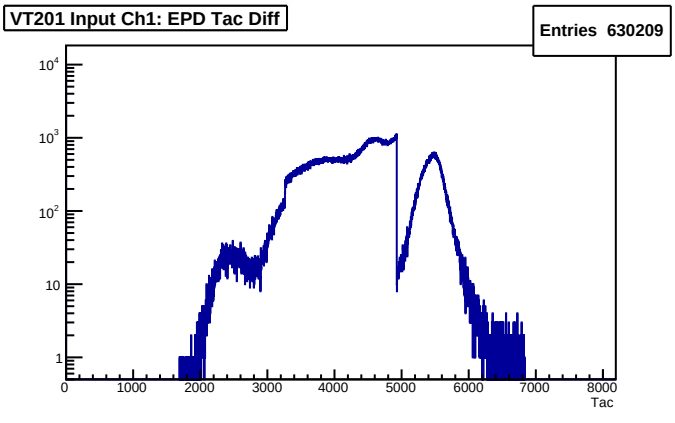
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

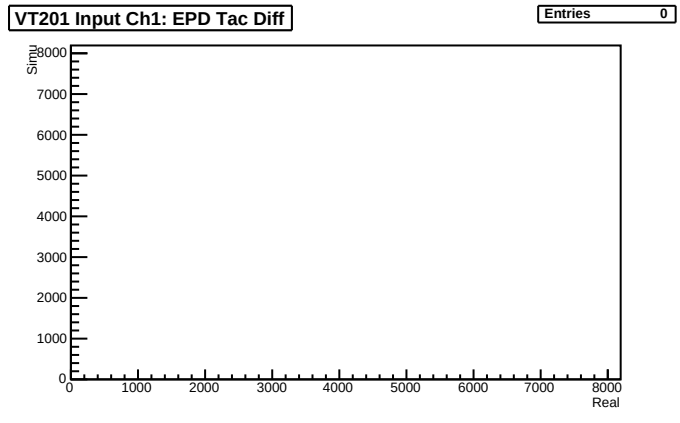

VT201 Input Ch0: BBC Small Tac Diff
Entries 630209
Tac

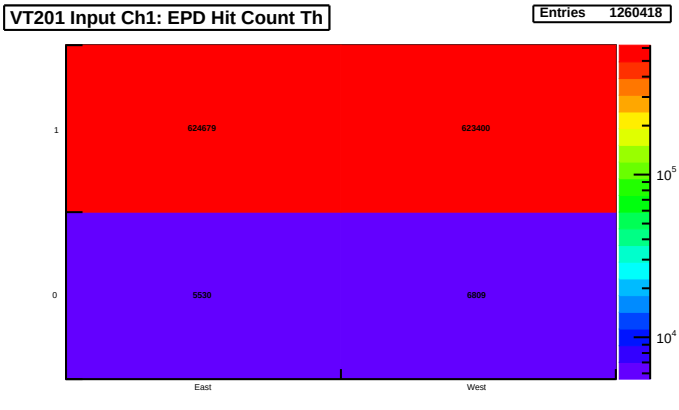

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

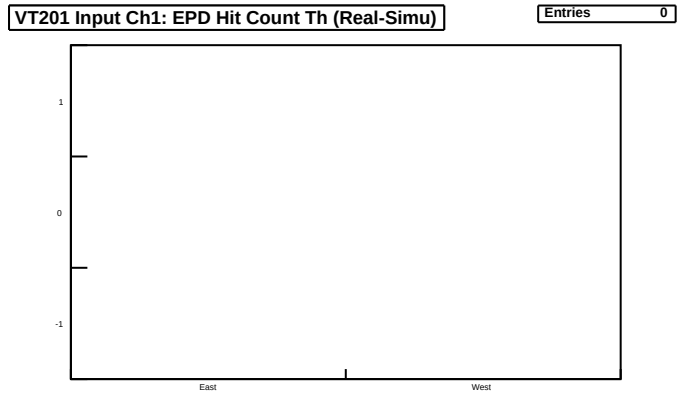

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1260418
377128
554916
253081
75293
East
West

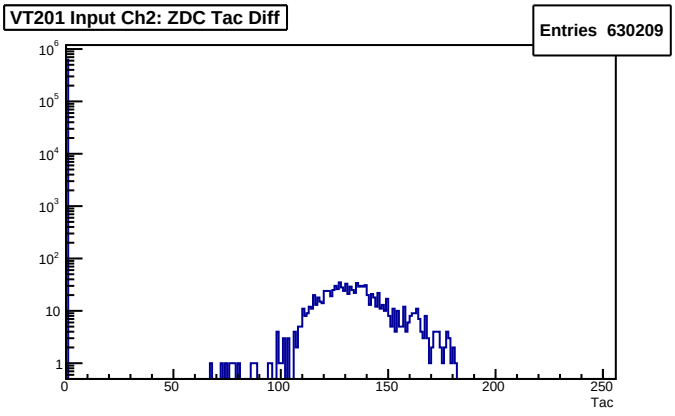

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

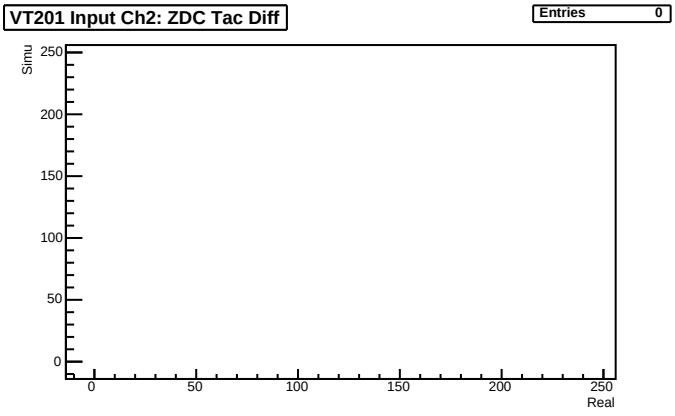

VT201 Input Ch1: EPD Tac Diff
Entries 630209
Tac

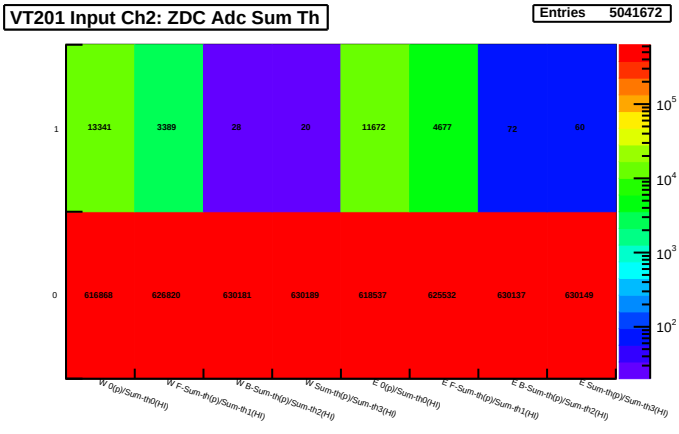

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

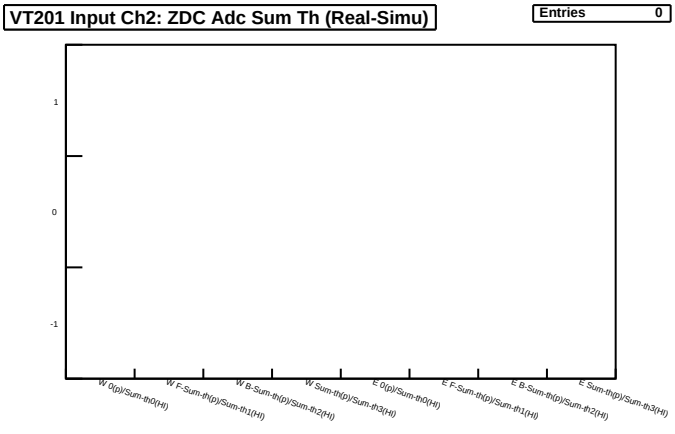

VT201 Input Ch1: EPD Hit Count Th
Entries 1260418
624679
623400
5530
6809
East
West

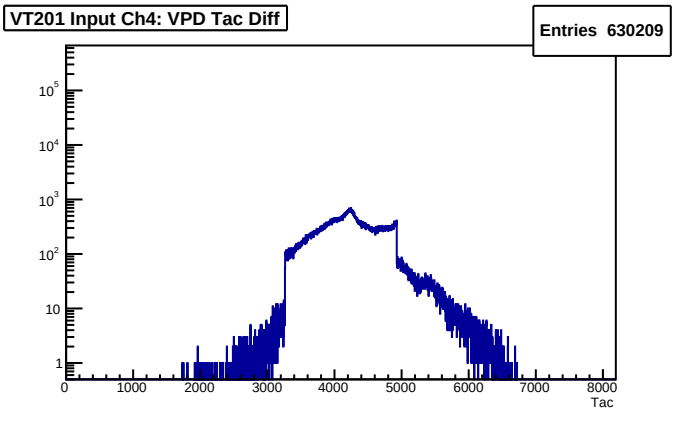

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

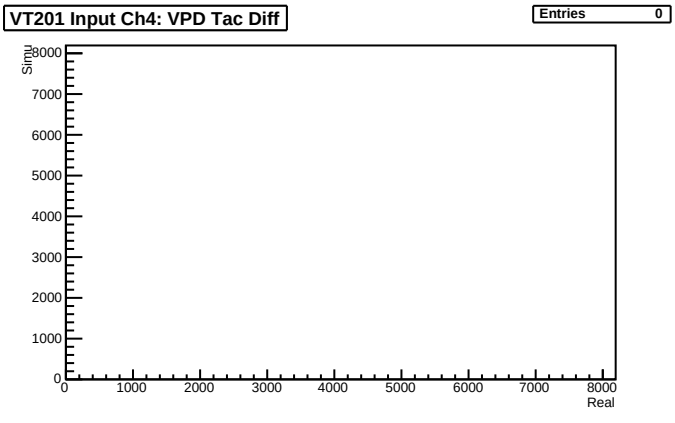

VT201 Input Ch2: ZDC Tac Diff
Entries 630209
Tac

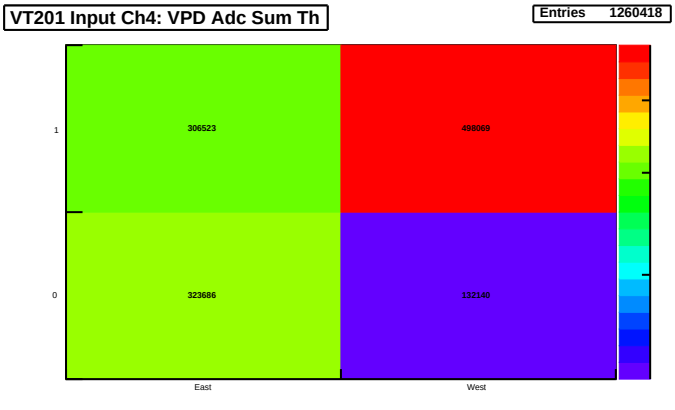

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

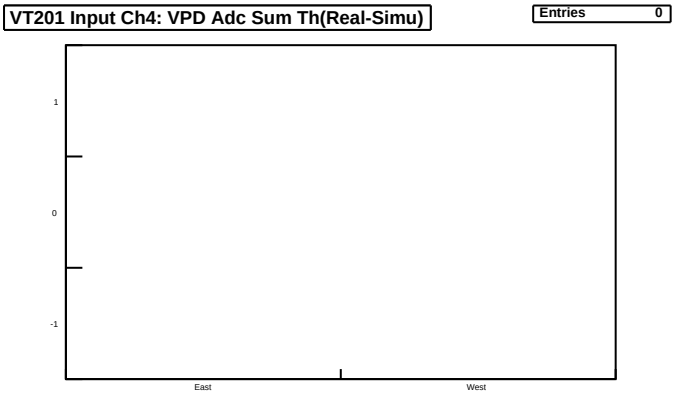

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5041672
13341
3389
28
20
11672
4677
72
60
616868
626820
630181
630189
618537
625532
630137
630149
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

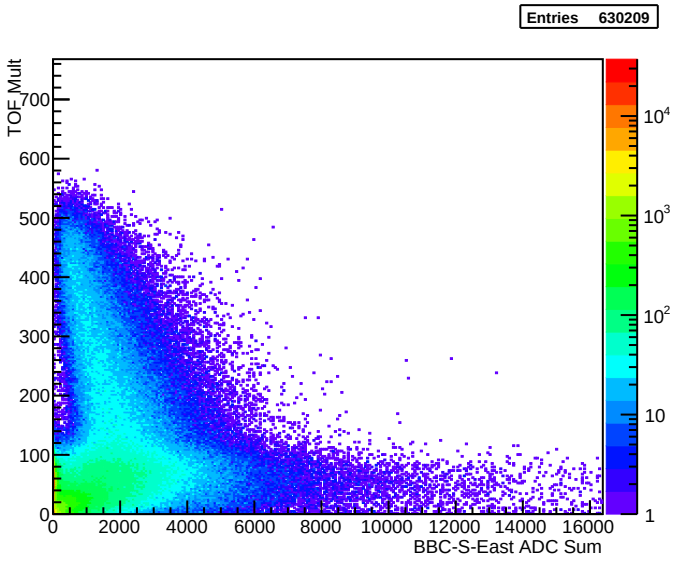

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

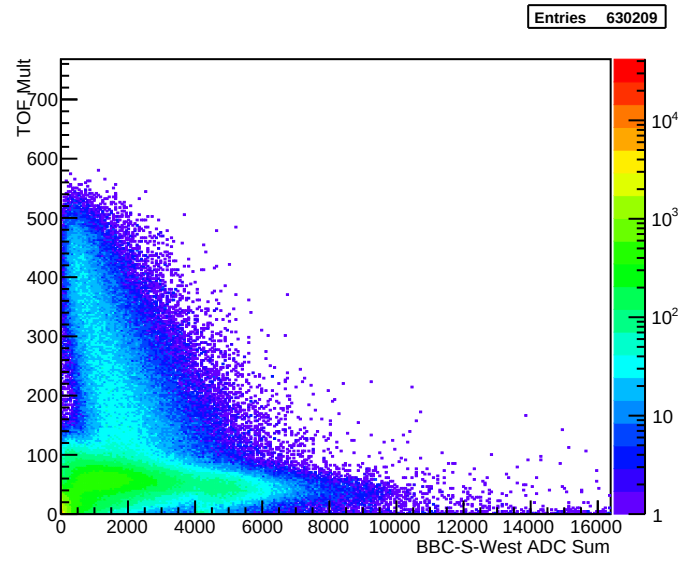

VT201 Input Ch4: VPD Tac Diff
Entries 630209
Tac

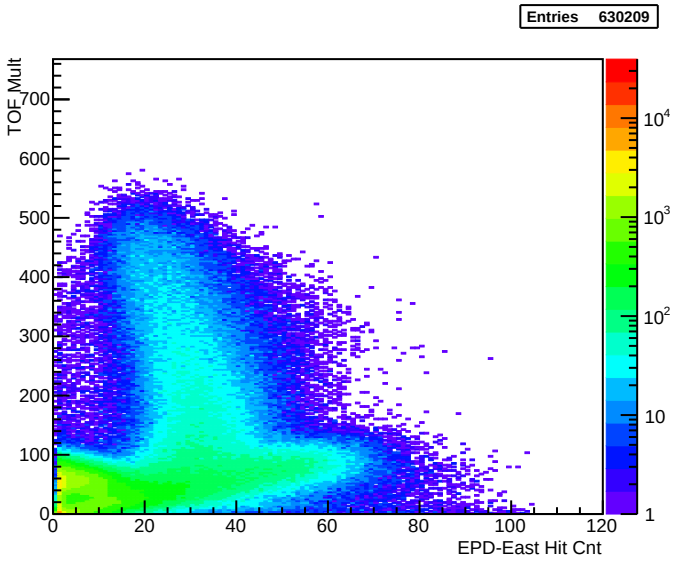

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

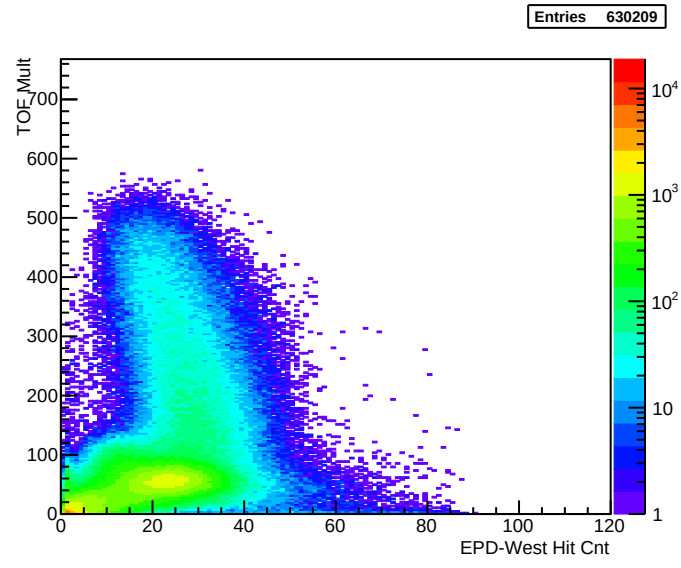

VT201 Input Ch4: VPD Adc Sum Th
Entries 1260418
306523
498069
323686
132140
East
West

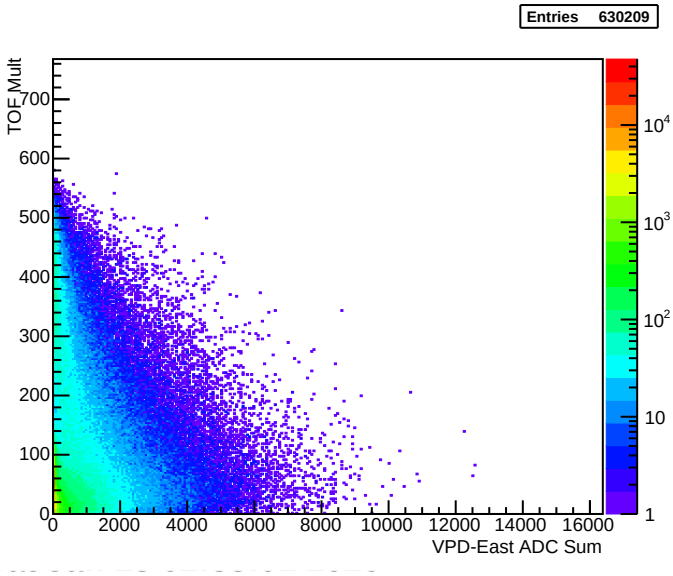

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

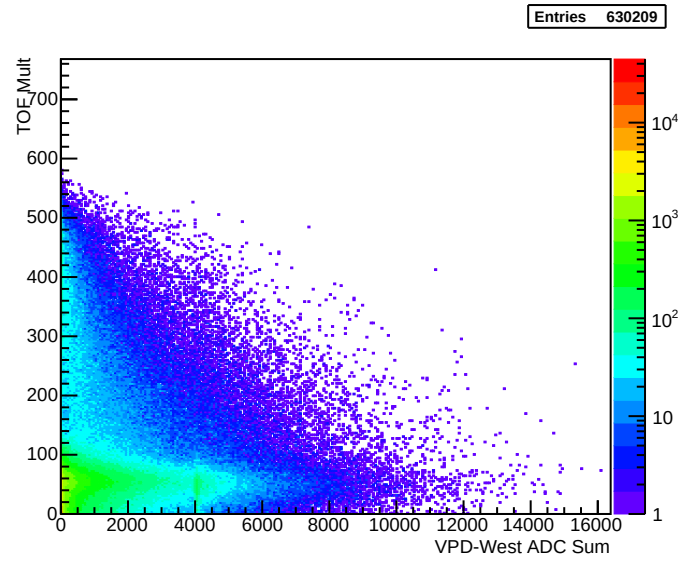

Entries 630209
TOF_Mult
BBC-S-East ADC Sum

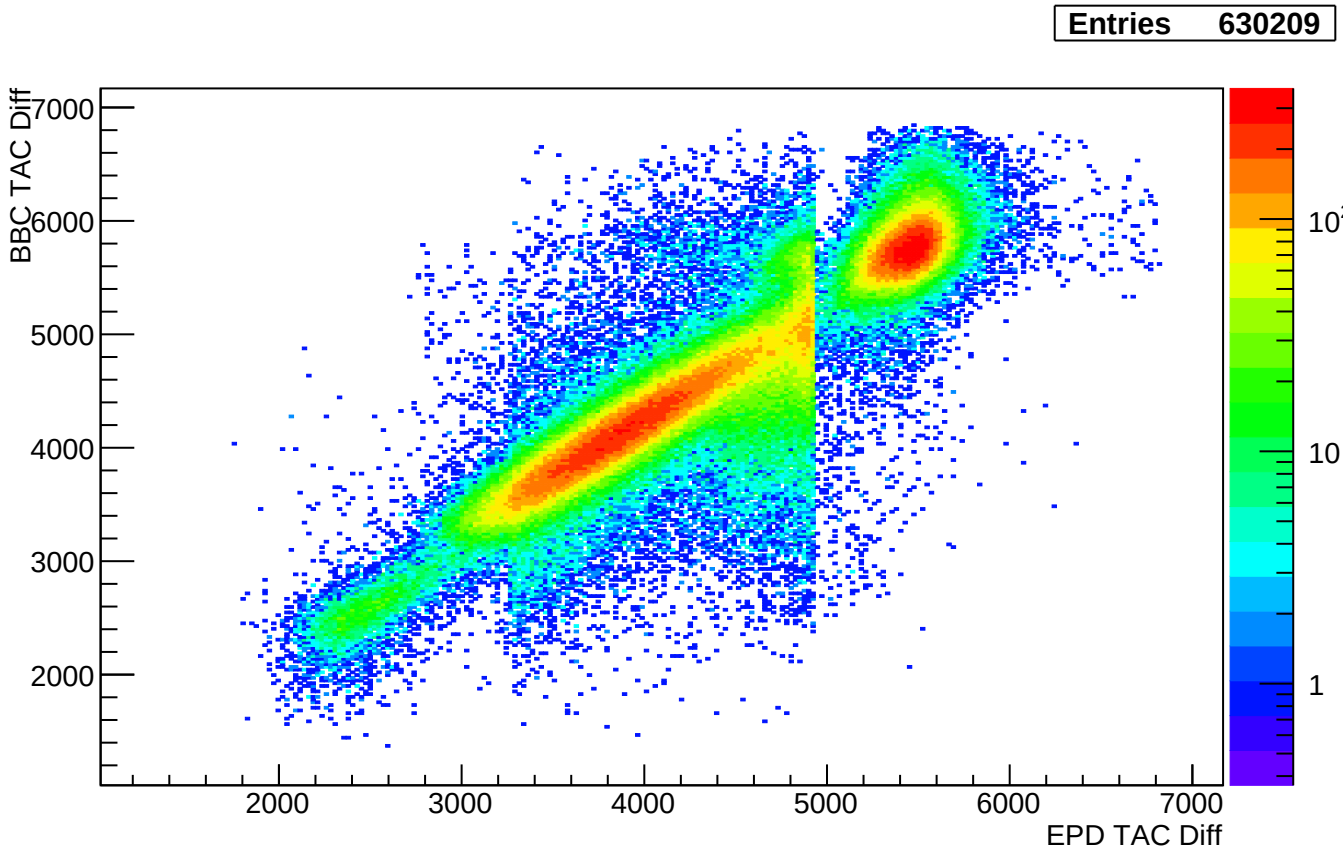

Entries 630209
TOF_Mult
BBC-S-West ADC Sum

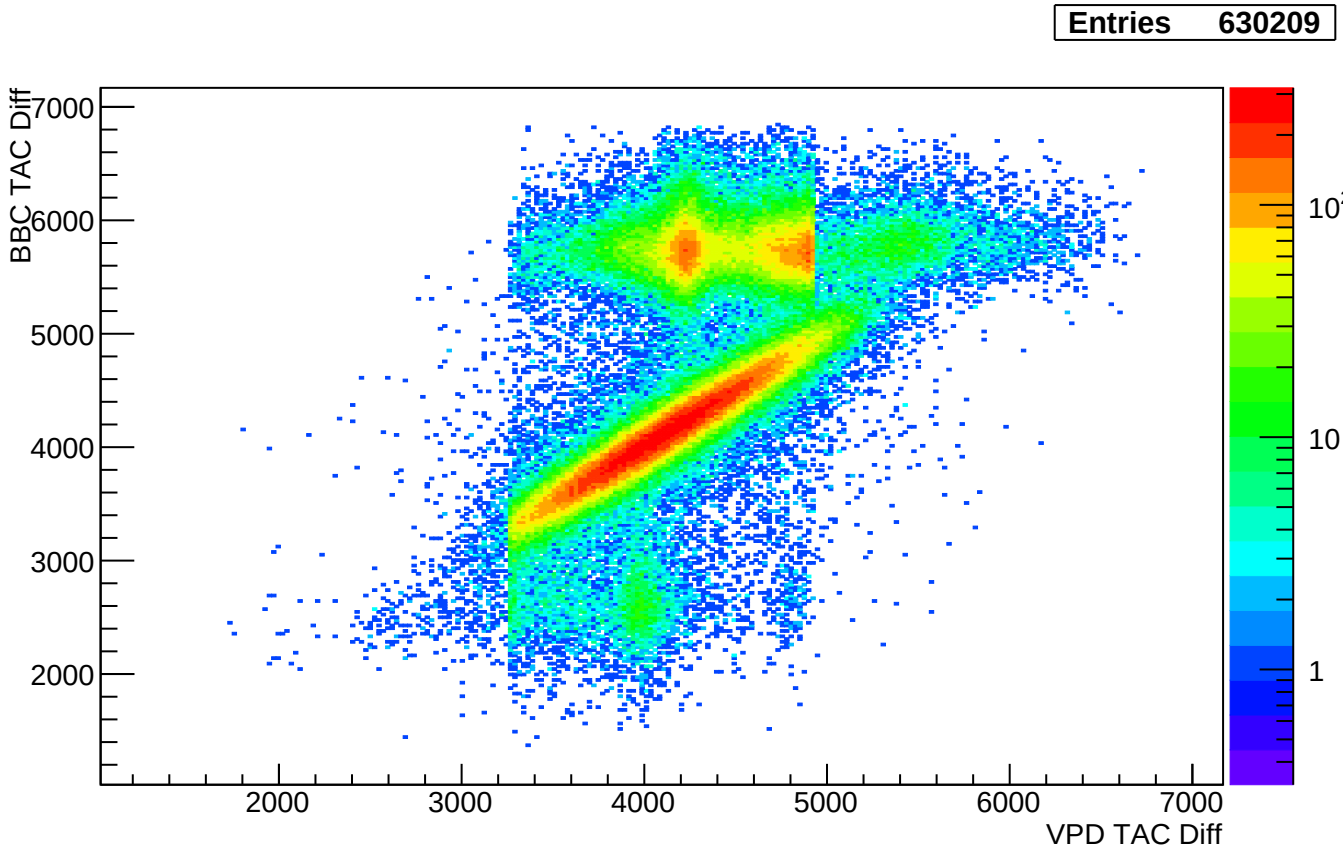

Entries 630209
TOF_Mult
EPD-East Hit Cnt

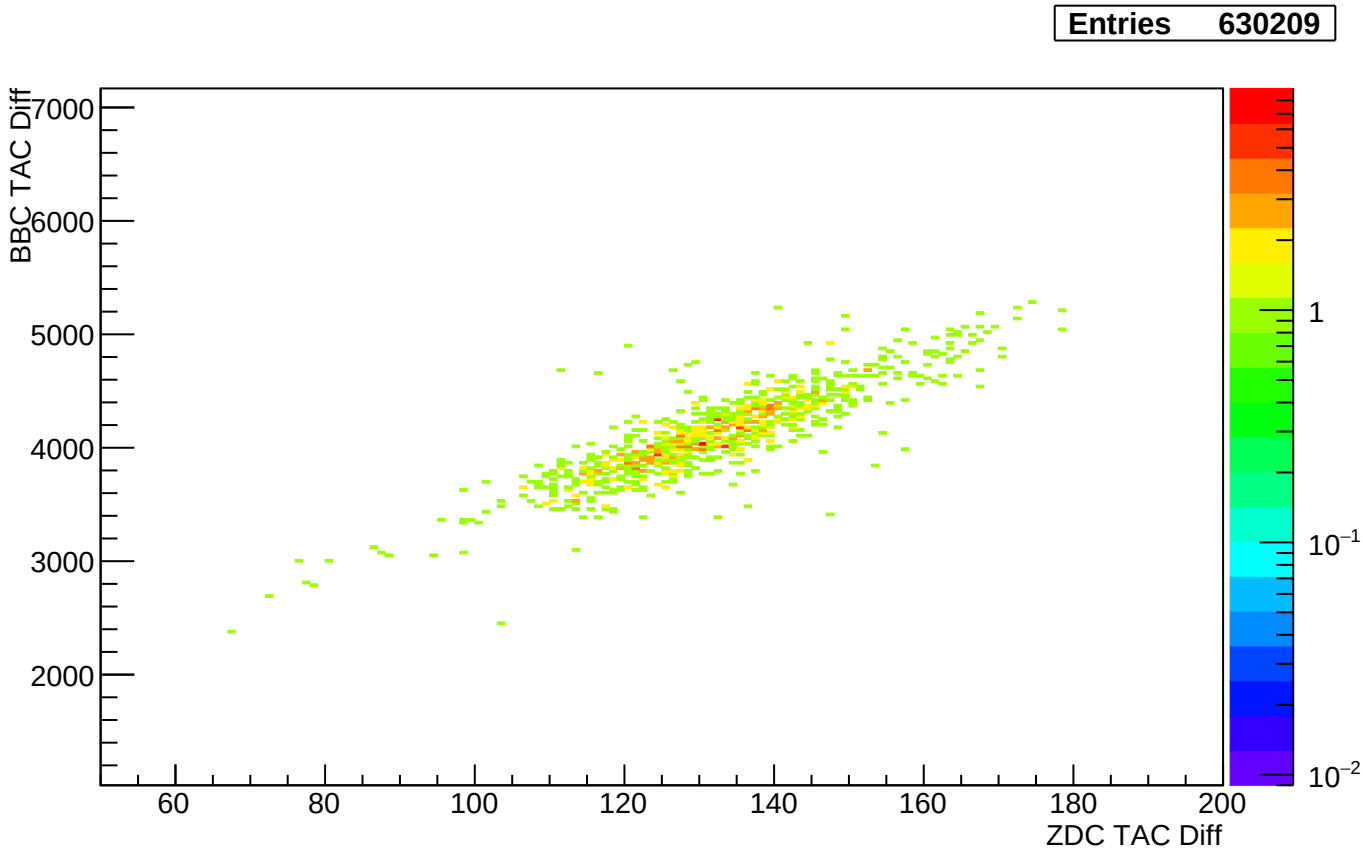

Entries 630209
TOF_Mult
EPD-West Hit Cnt

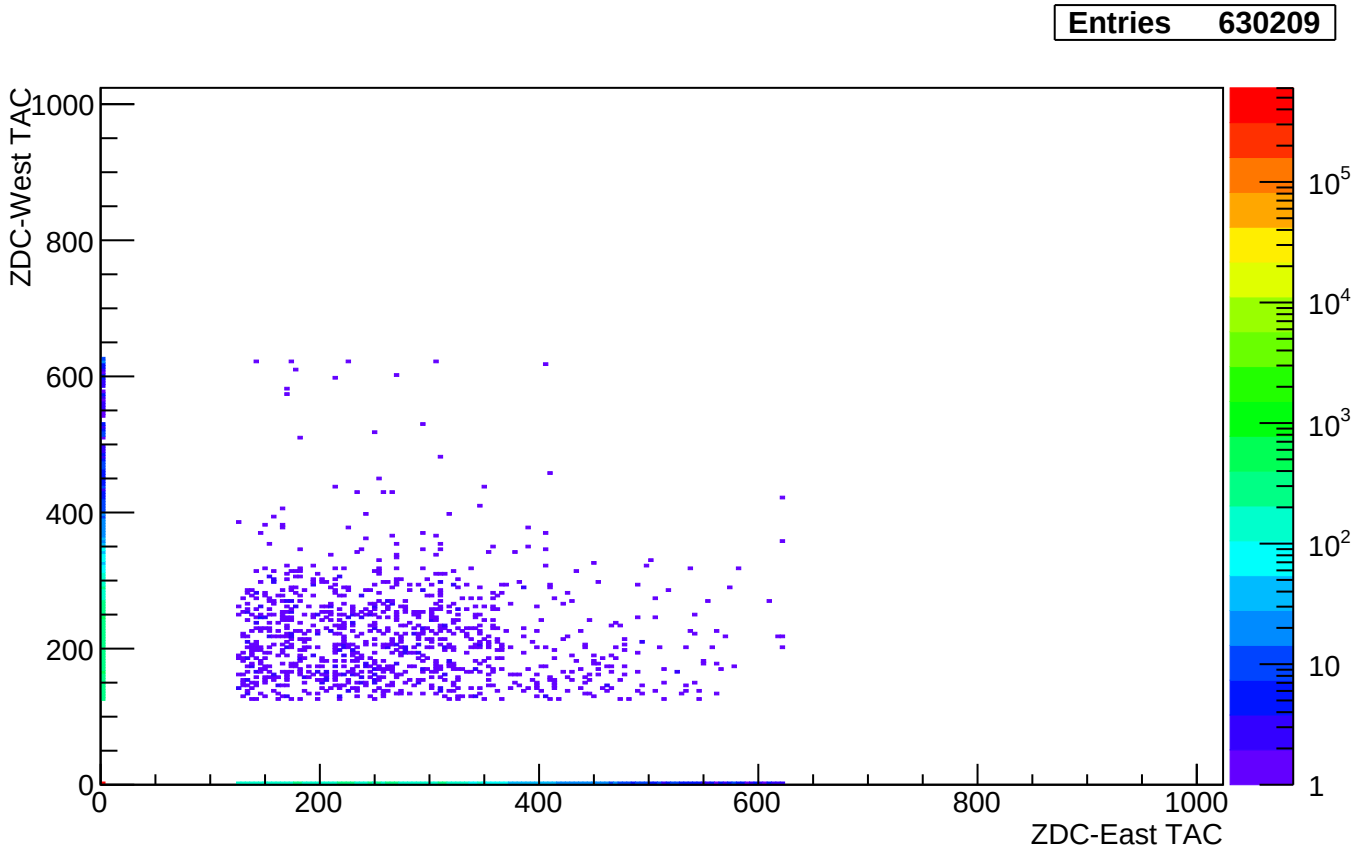

Entries 630209
TOF_Mult
VPD-East ADC Sum

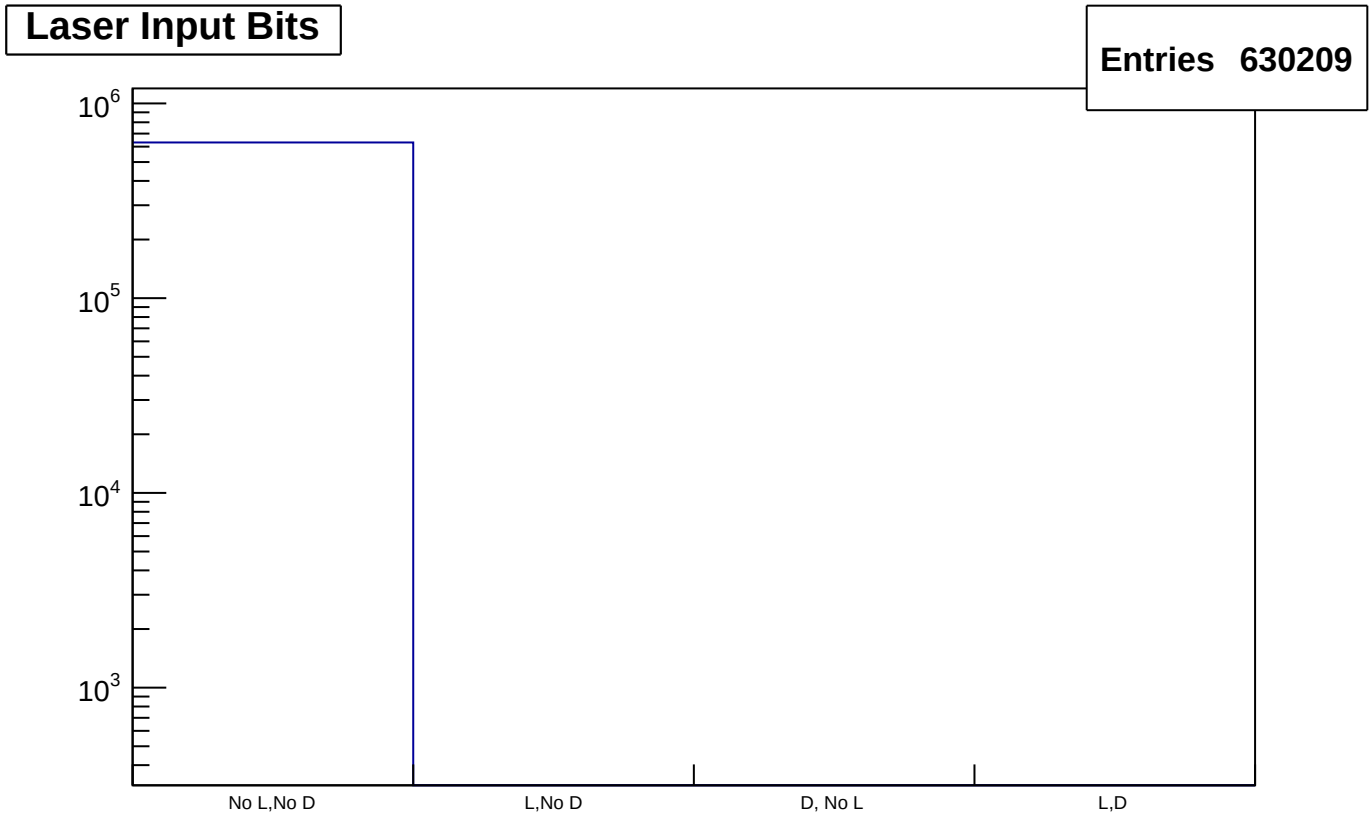

Entries 630209
TOF_Mult
VPD-West ADC Sum

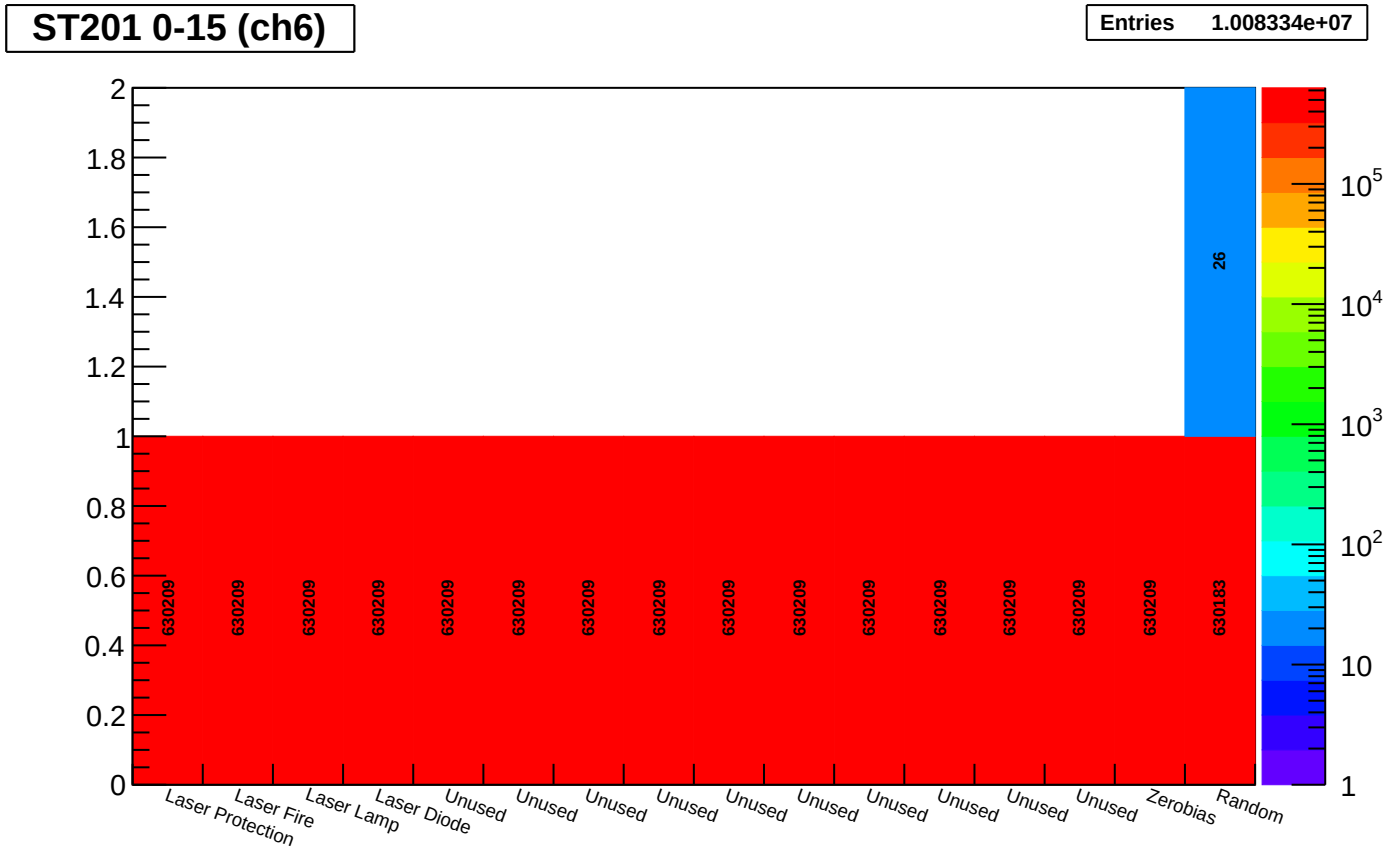

Entries 630209
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

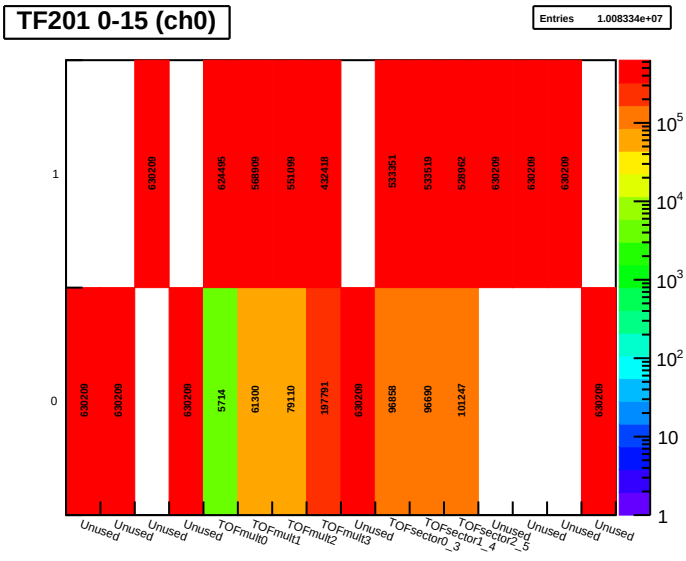

Entries 630209
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

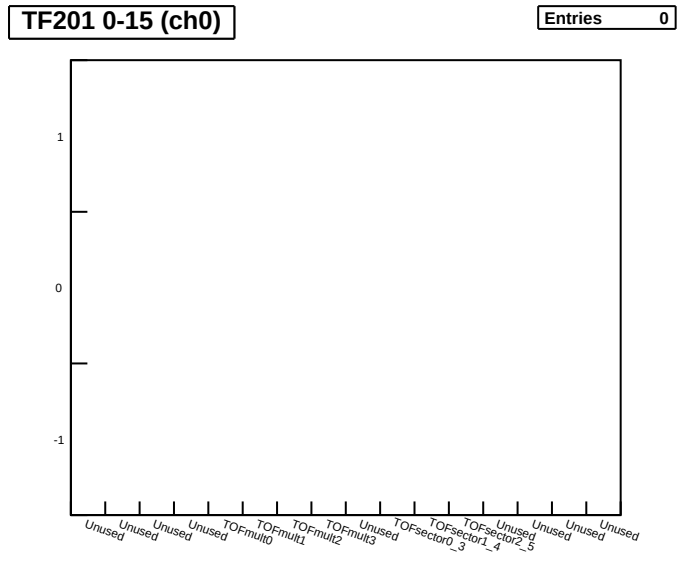

Entries 630209
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

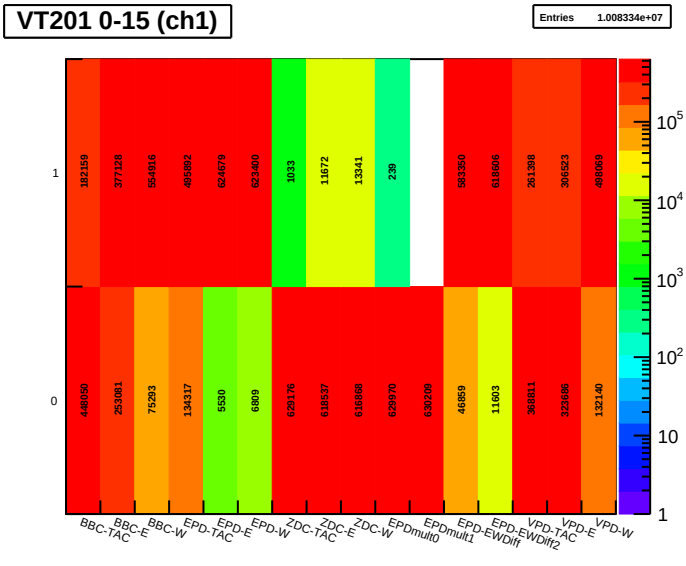

Entries 630209
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

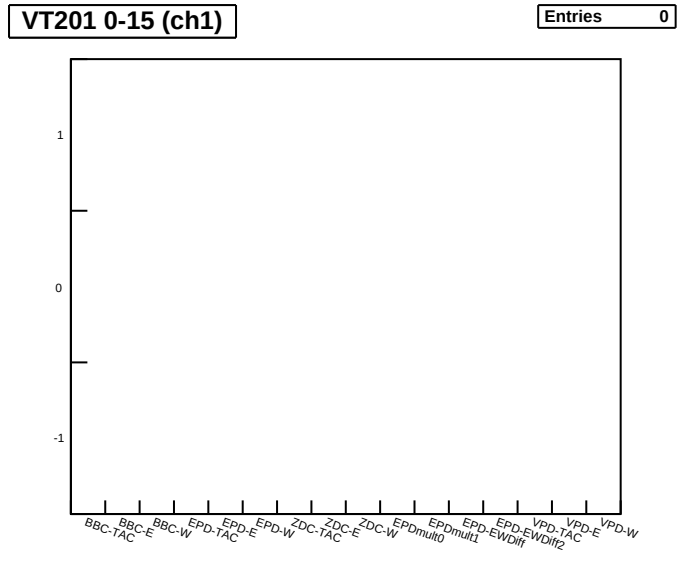

Laser Input Bits
Entries 630209
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

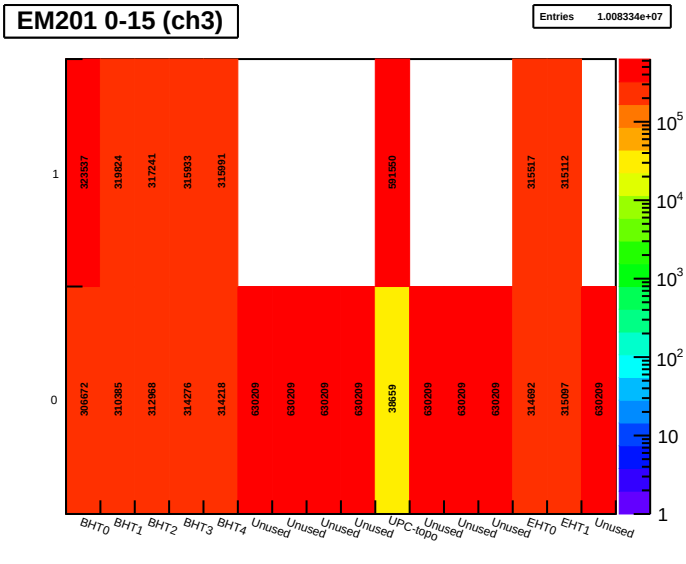

ST201 0-15 (ch6)
Entries 1.008334e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
10^5
10^4
10^3
10^2
10
1
26
630209
630183
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

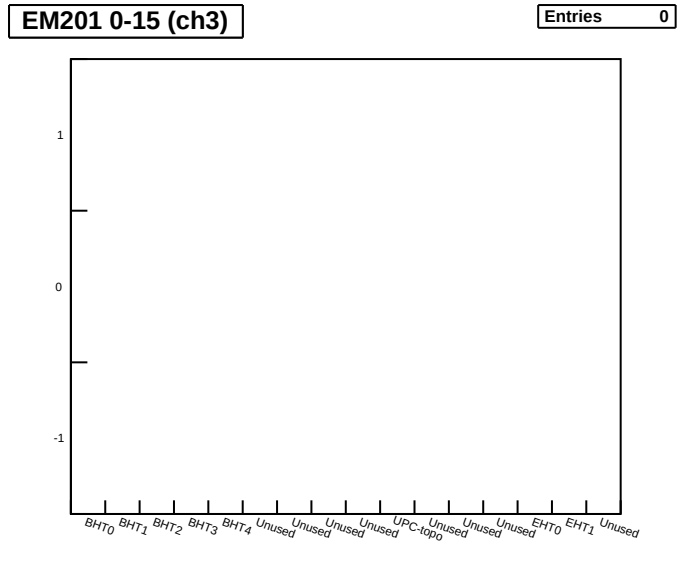

TF201 0-15 (ch0)
Entries 1.008334e+07
1
0
630209 630209 630209 5714 61300 79110 197791 630209 96898 96690 101247 630209
630209 624405 568909 551099 432418 533351 533519 528982 630209 630209 630209
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


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


VT201 0-15 (ch1)
Entries 1.008334e+07
1
0
182159 377128 554916 495892 624679 623400 1033 11672 13341 239 583350 618606 261398 306523 480069
448050 253081 75293 134317 5530 6809 629176 618537 616868 629970 630209 46859 11603 368811 322686 132140
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 1.008334e+07
1
0
323537 319824 317241 315933 315991 591560 315517 315112
306672 310385 312968 314276 314218 630209 630209 630209 630209 38659 630209 630209 630209 314692 315097 630209
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
10^5 10^4 10^3 10^2 10 1


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