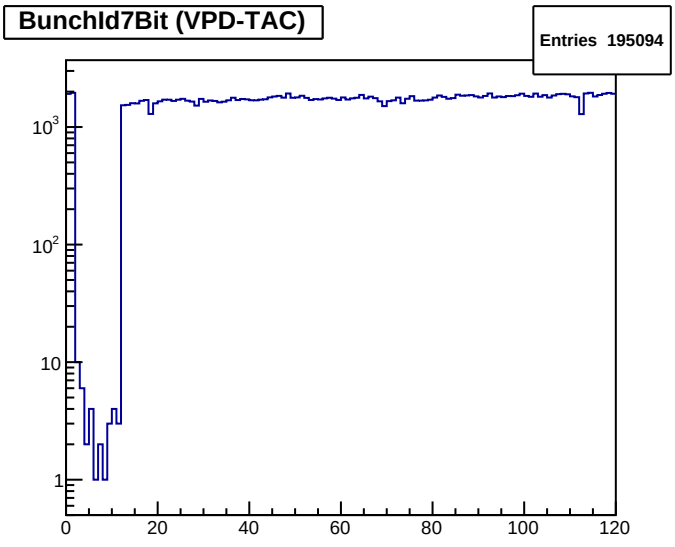
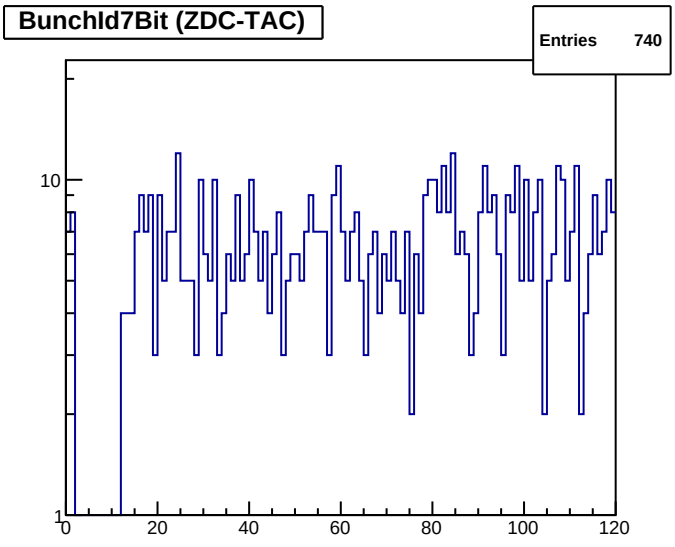
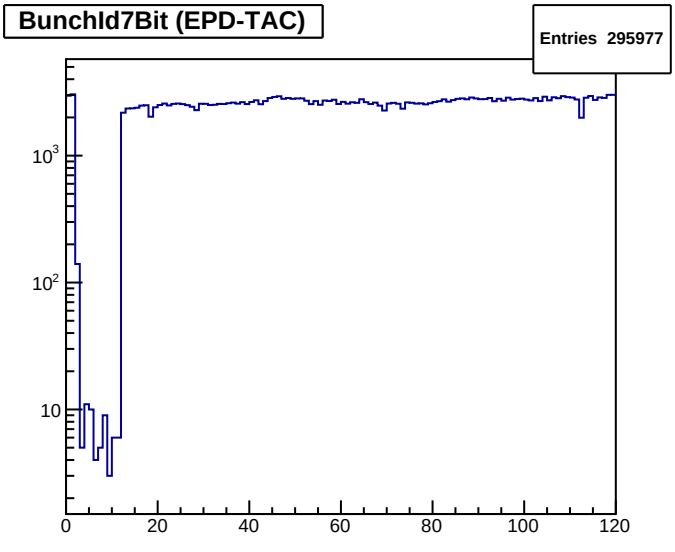
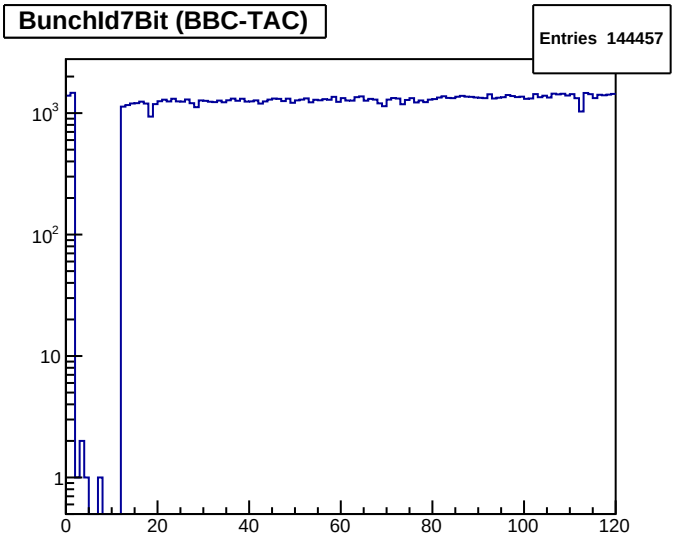
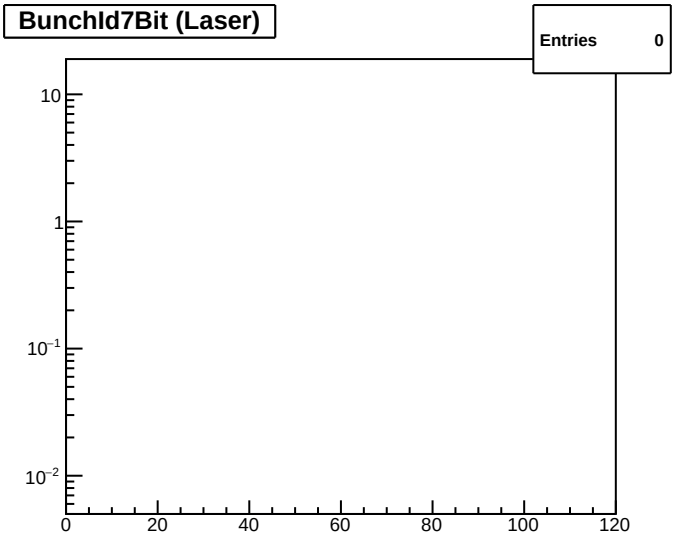
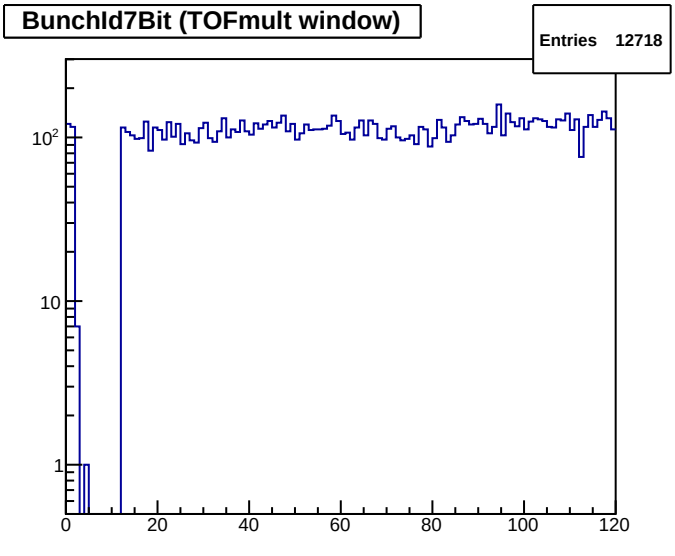

BunchId7Bit (VPD-TAC)
Entries 195094

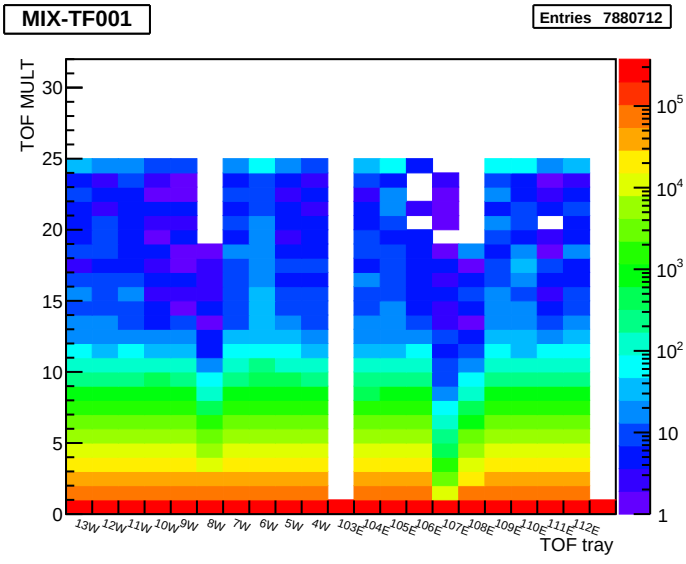

BunchId7Bit (ZDC-TAC)
Entries 740

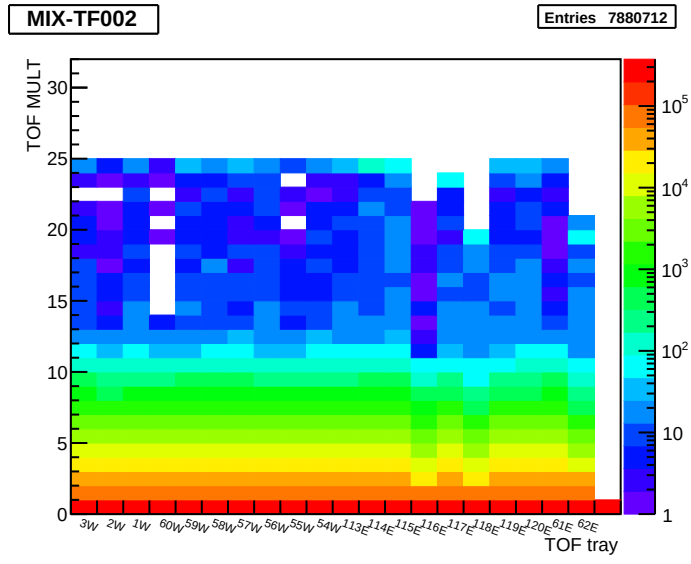

BunchId7Bit (EPD-TAC)
Entries 295977

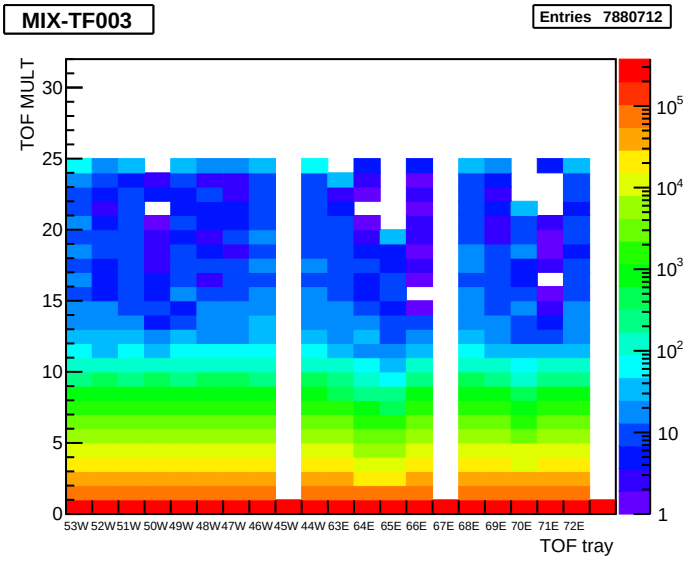

BunchId7Bit (BBC-TAC)
Entries 144457

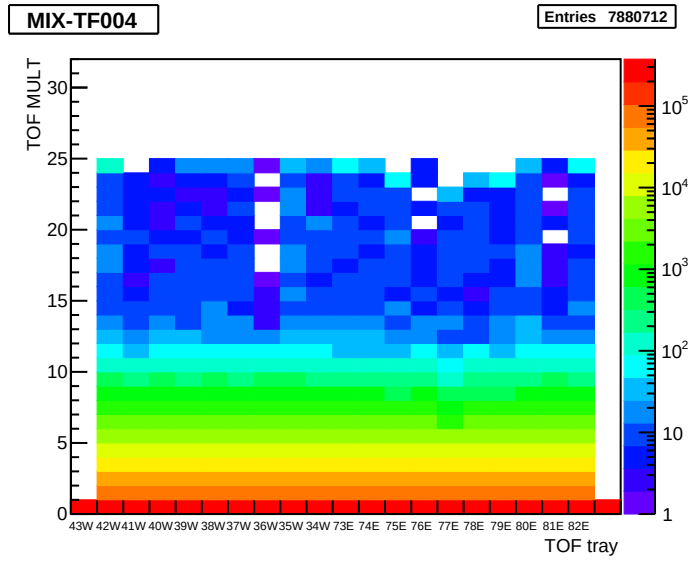

BunchId7Bit (Laser)
Entries 0

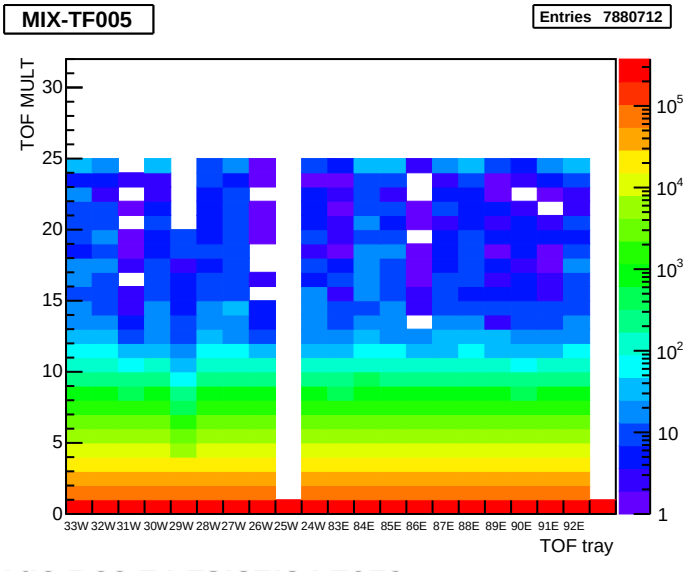

BunchId7Bit (TOFmult window)
Entries 12718

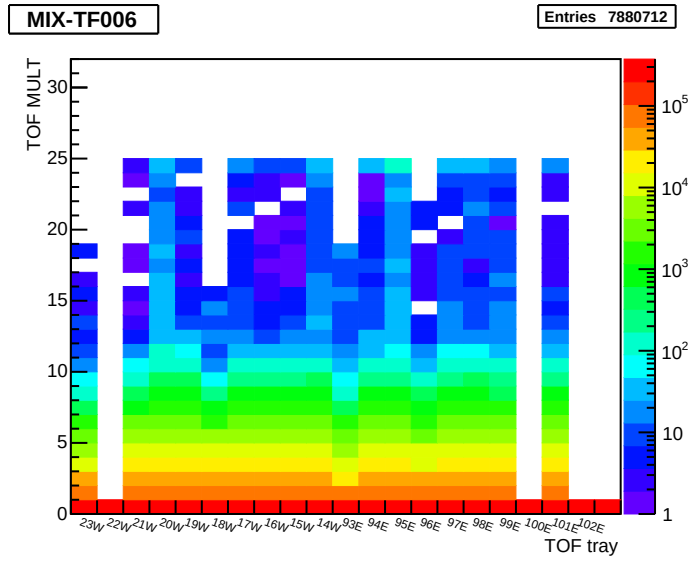

MIX-TF001
Entries 7880712
TOF MULT
TOF tray
13W 12W 11W 10W 9W 8W 7W 6W 5W 4W 103E 104E 105E 106E 107E 108E 109E 110E 111E 112E

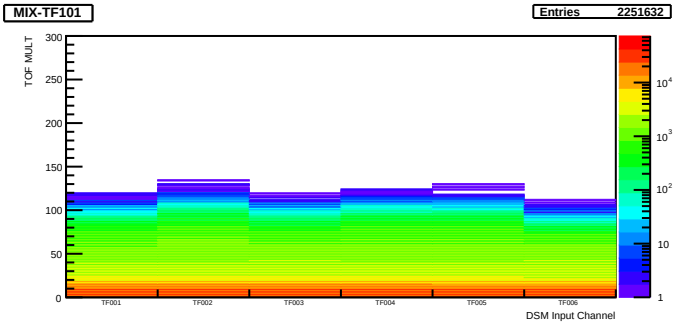

MIX-TF002
Entries 7880712
TOF MULT
TOF tray
3W 2W 1W 60W 59W 58W 57W 56W 55W 54W 113E 114E 115E 116E 117E 118E 119E 120E 61E 62E

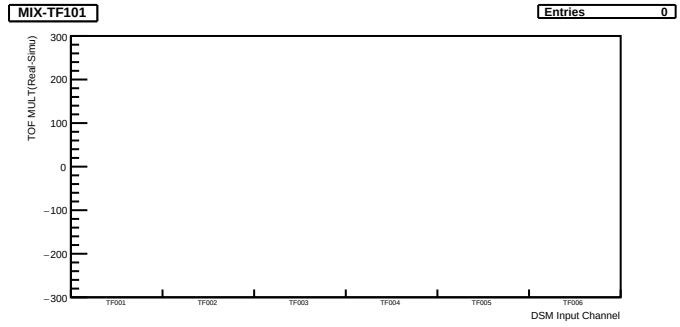

MIX-TF003
Entries 7880712
TOF MULT
TOF tray
53W 52W 51W 50W 49W 48W 47W 46W 45W 44W 63E 64E 65E 66E 67E 68E 69E 70E 71E 72E

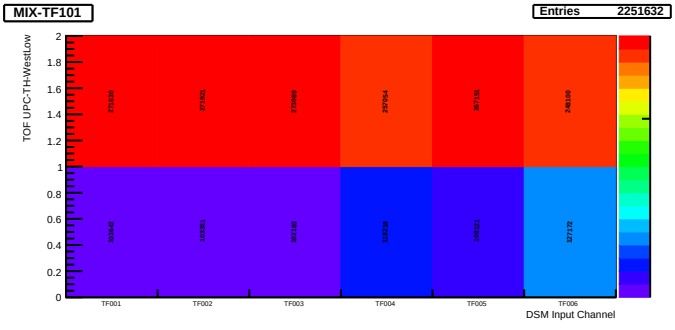

MIX-TF004
Entries 7880712
TOF MULT
TOF tray
43W 42W 41W 40W 39W 38W 37W 36W 35W 34W 73E 74E 75E 76E 77E 78E 79E 80E 81E 82E

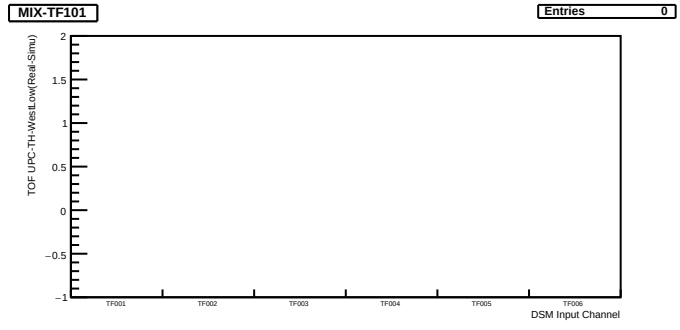

MIX-TF005
Entries 7880712
TOF MULT
TOF tray
33W 32W 31W 30W 29W 28W 27W 26W 25W 24W 83E 84E 85E 86E 87E 88E 89E 90E 91E 92E

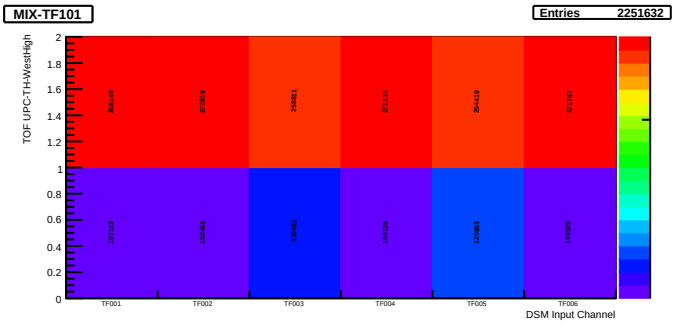

MIX-TF006
Entries 7880712
TOF MULT
TOF tray
23W 22W 21W 20W 19W 18W 17W 16W 15W 14W 93E 94E 95E 96E 97E 98E 99E 100E 101E 102E

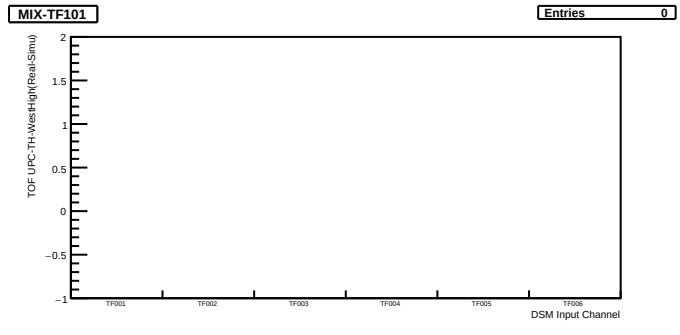

MIX-TF101
Entries 2251632
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

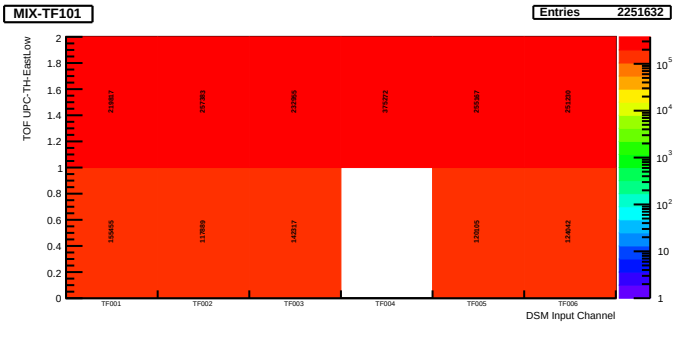

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

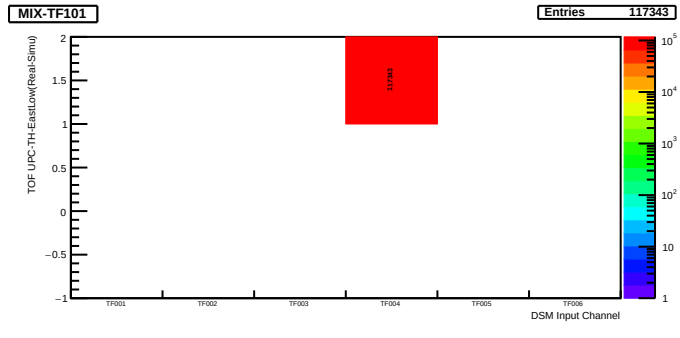

MIX-TF101
Entries 2251632
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

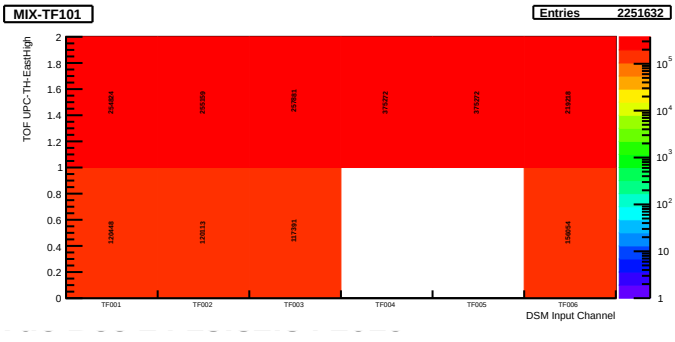

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

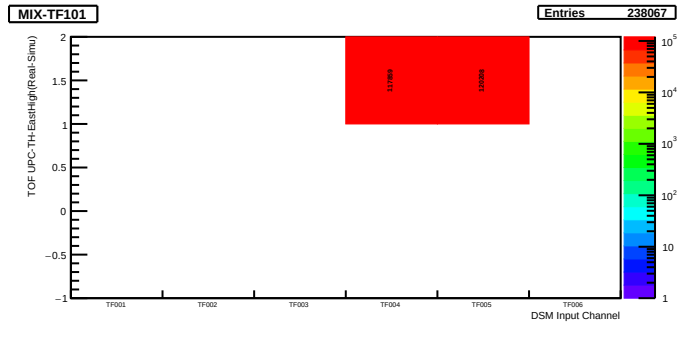

MIX-TF101
Entries 2251632
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

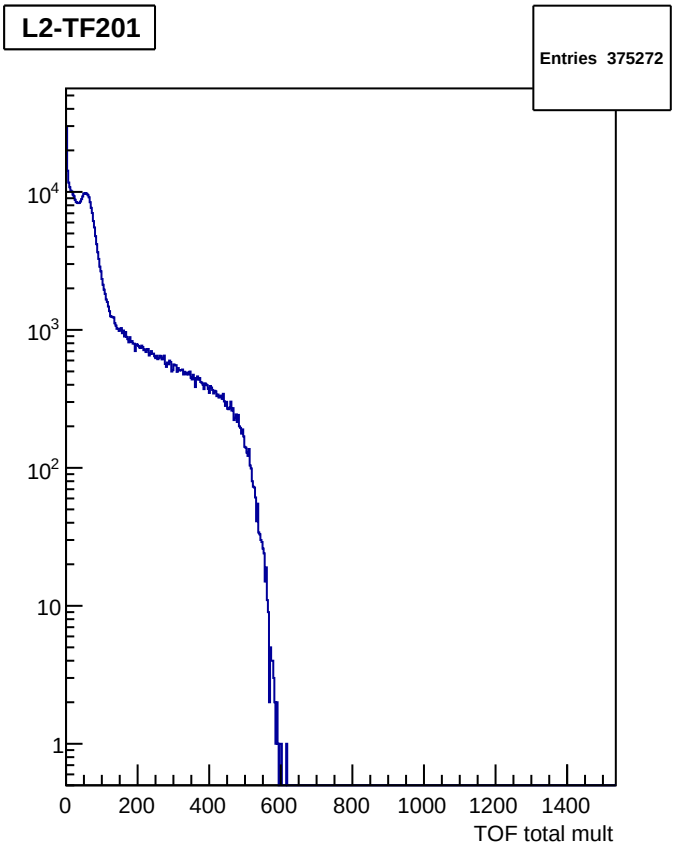

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

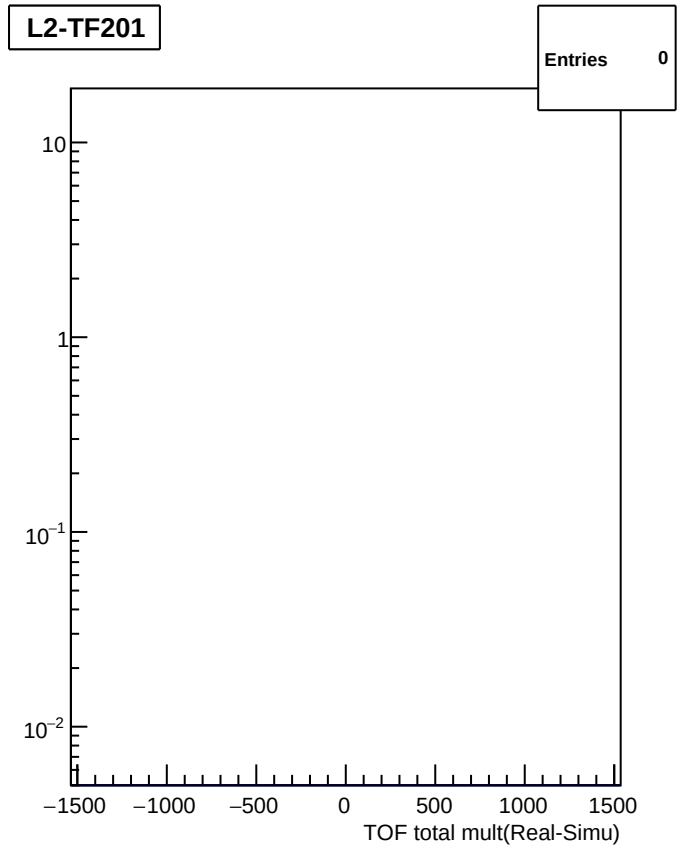

MIX-TF101
Entries 2251632
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

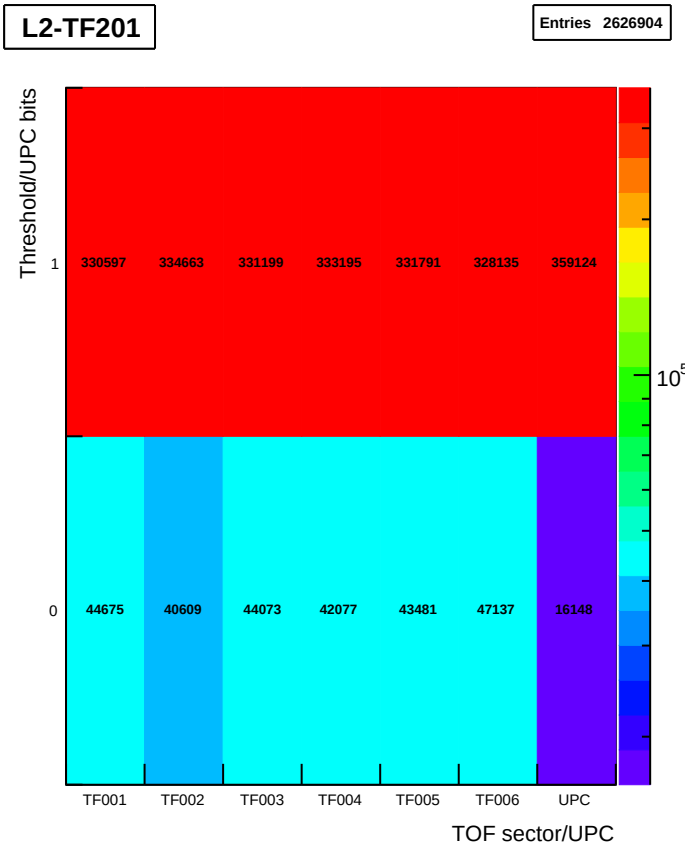

MIX-TF101
Entries 117343
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

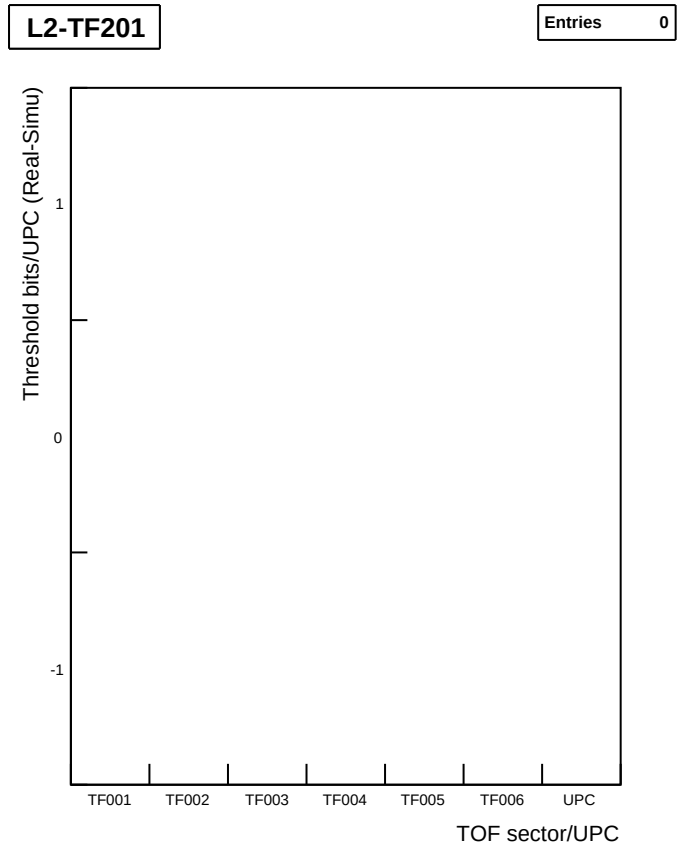

MIX-TF101
Entries 2251632
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

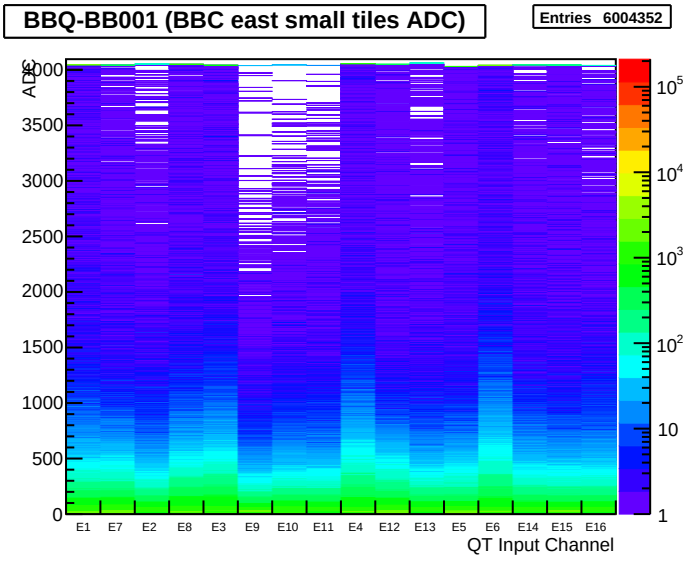

MIX-TF101
Entries 238067
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

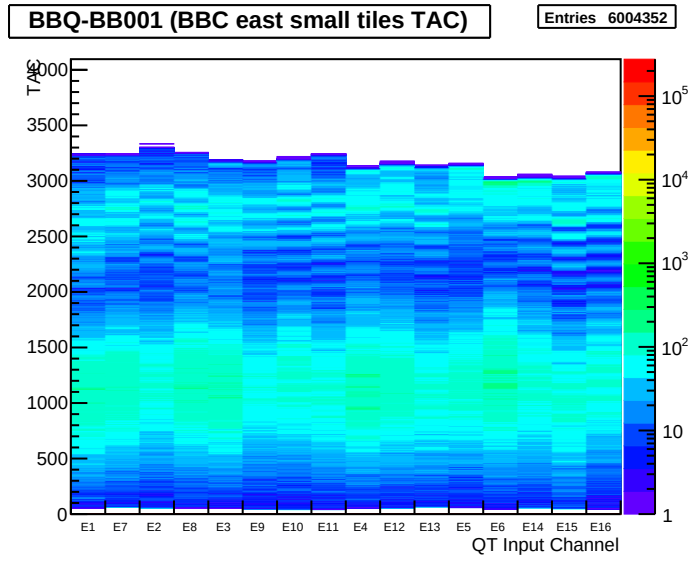

L2-TF201
Entries 375272
TOF total mult

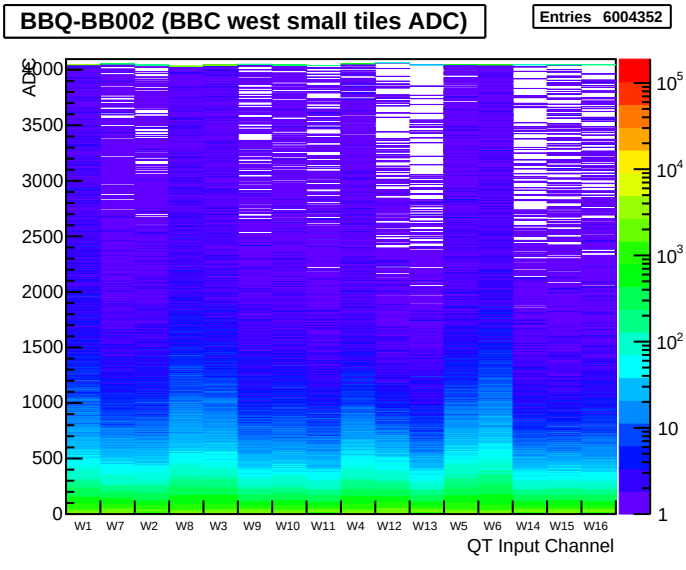

L2-TF201
Entries 0
TOF total mult(Real-Simu)

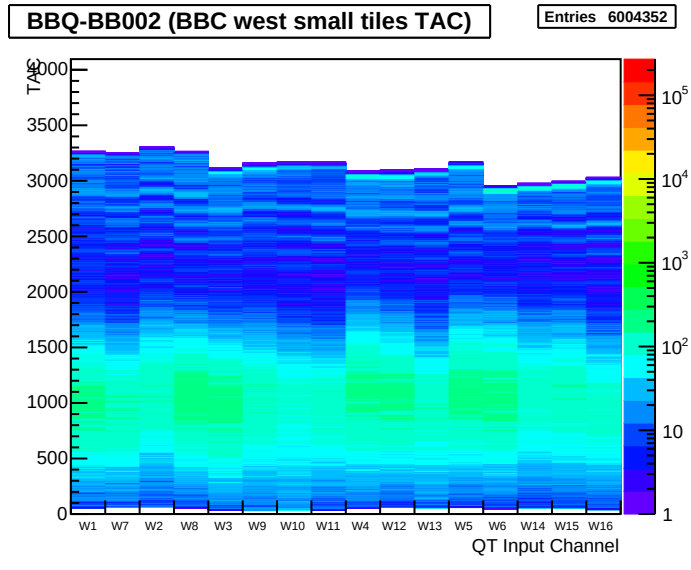

L2-TF201
Entries 2626904
Threshold/UPC bits
330597
334663
331199
333195
331791
328135
359124
44675
40609
44073
42077
43481
47137
16148
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

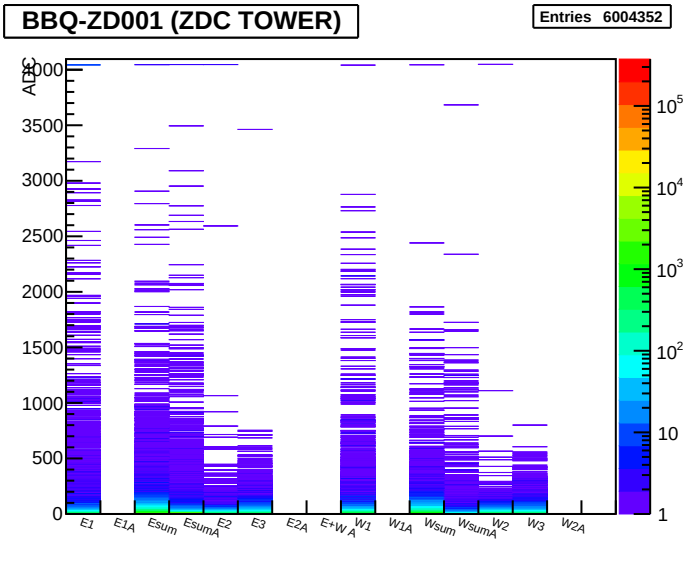

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

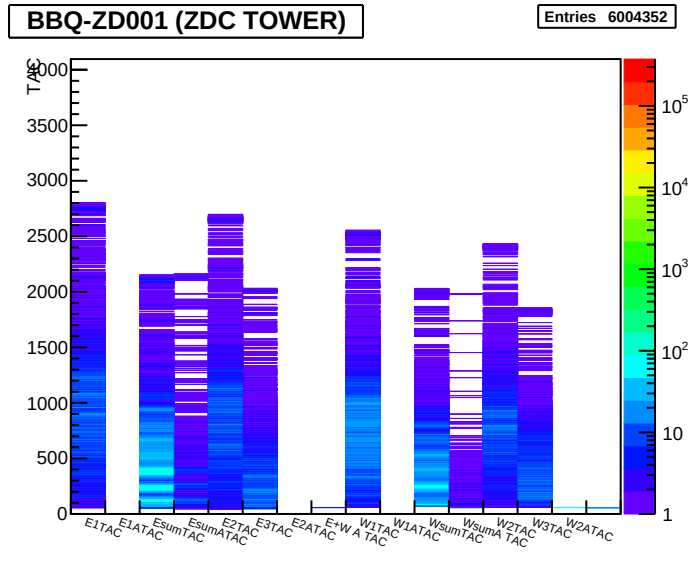

BBQ-BB001 (BBC east small tiles ADC)
Entries 6004352
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

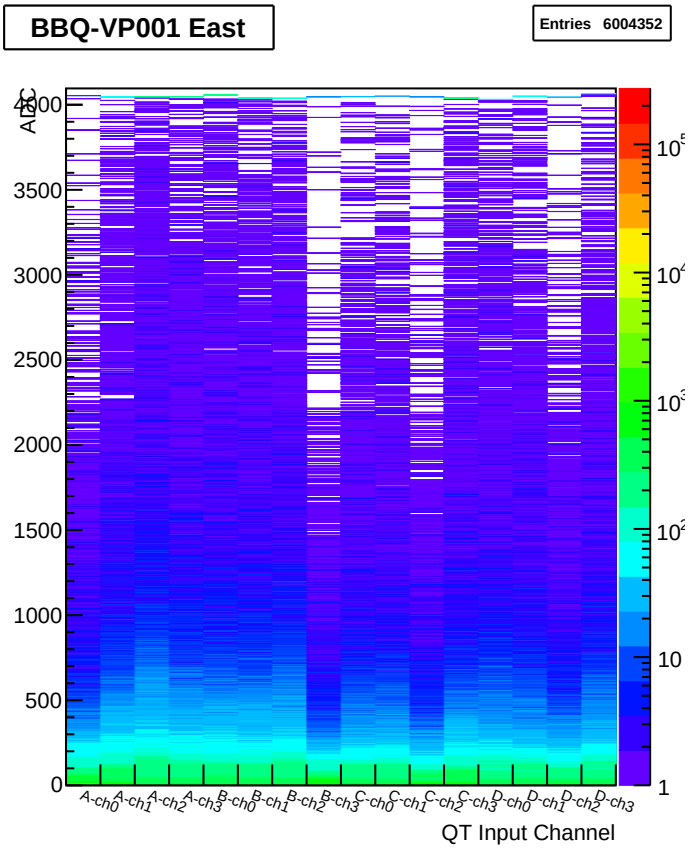

BBQ-BB001 (BBC east small tiles TAC)
Entries 6004352
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

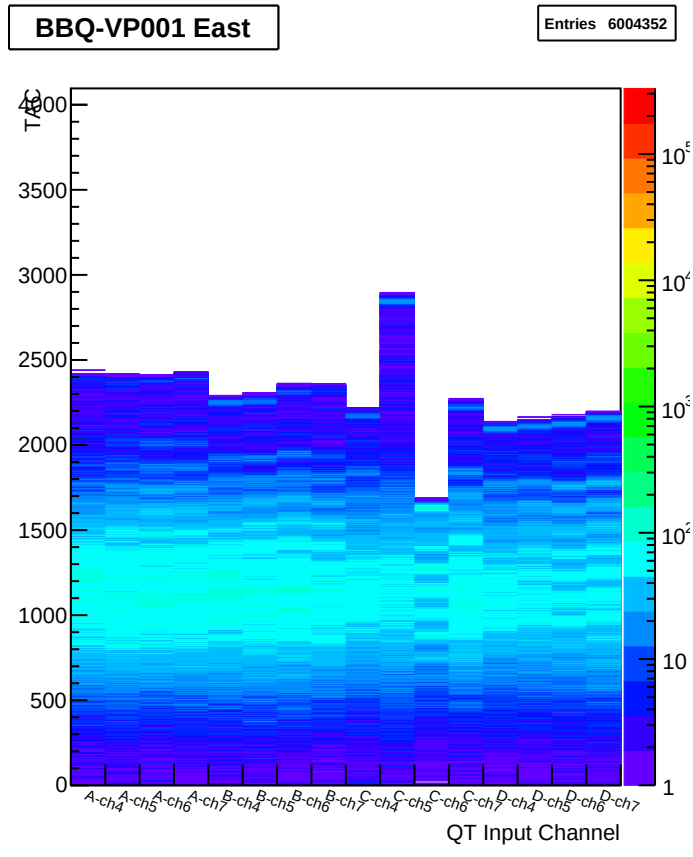

BBQ-BB002 (BBC west small tiles ADC)
Entries 6004352
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

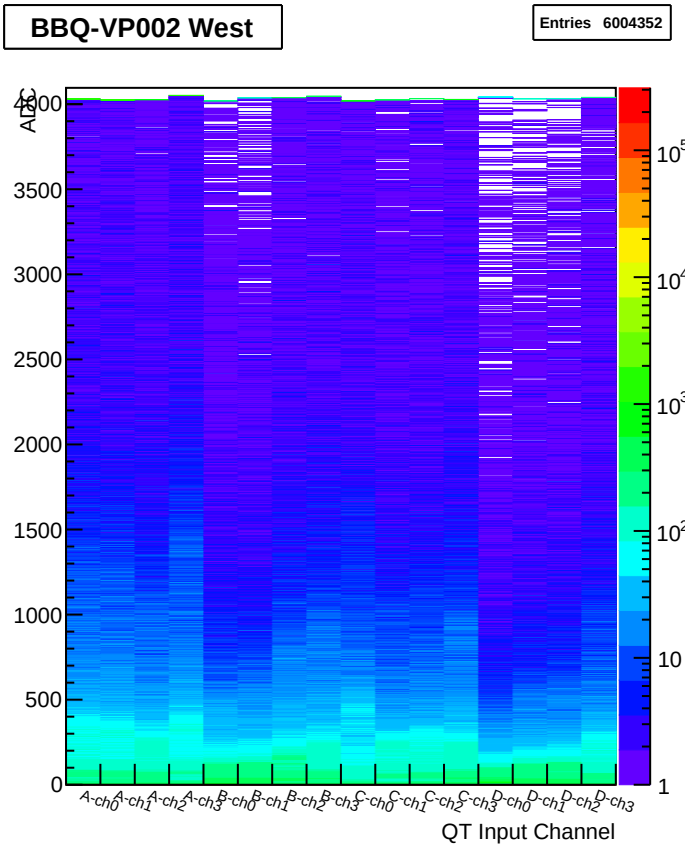

BBQ-BB002 (BBC west small tiles TAC)
Entries 6004352
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

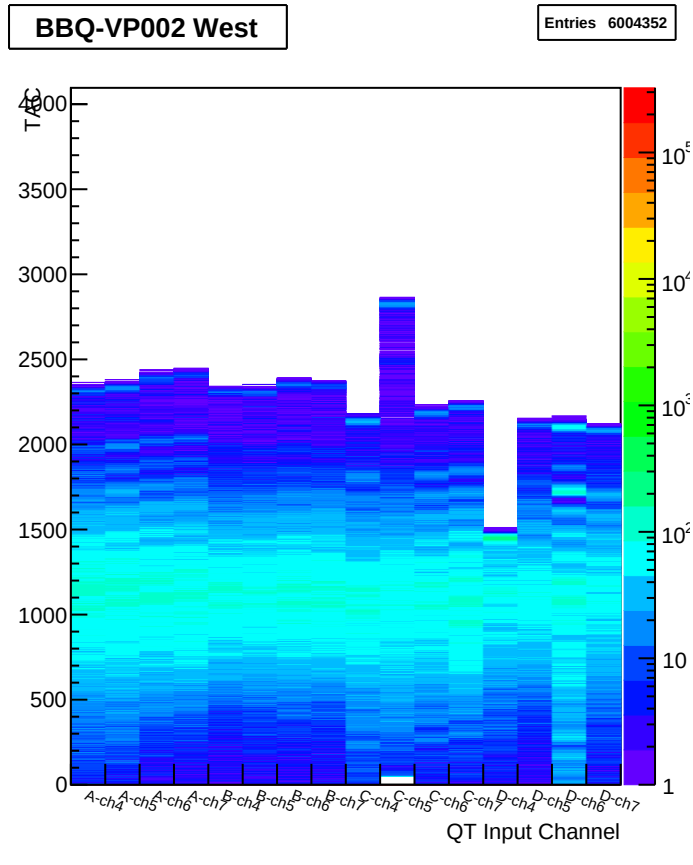

BBQ-ZD001 (ZDC TOWER)
Entries 6004352
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

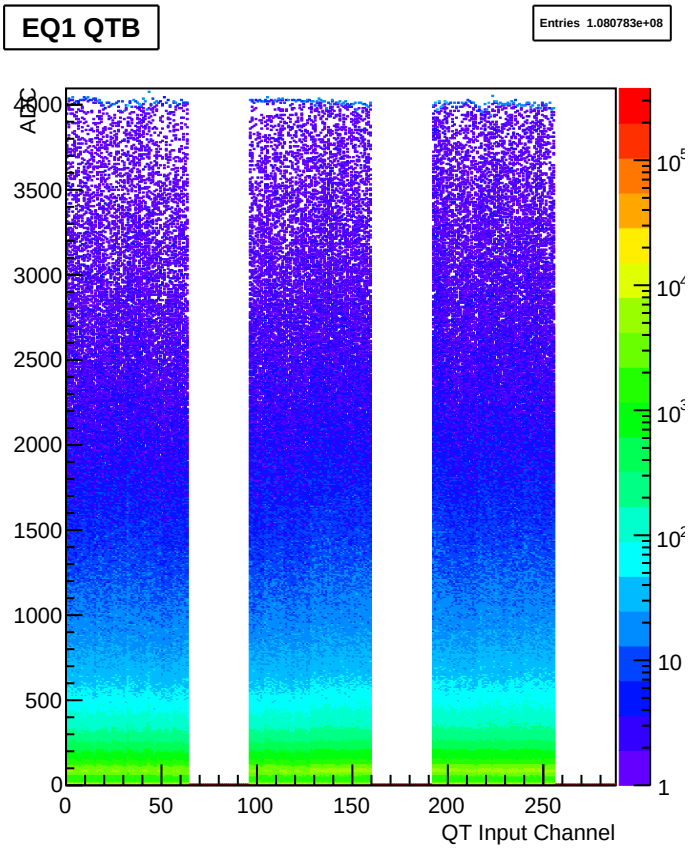

BBQ-ZD001 (ZDC TOWER)
Entries 6004352
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

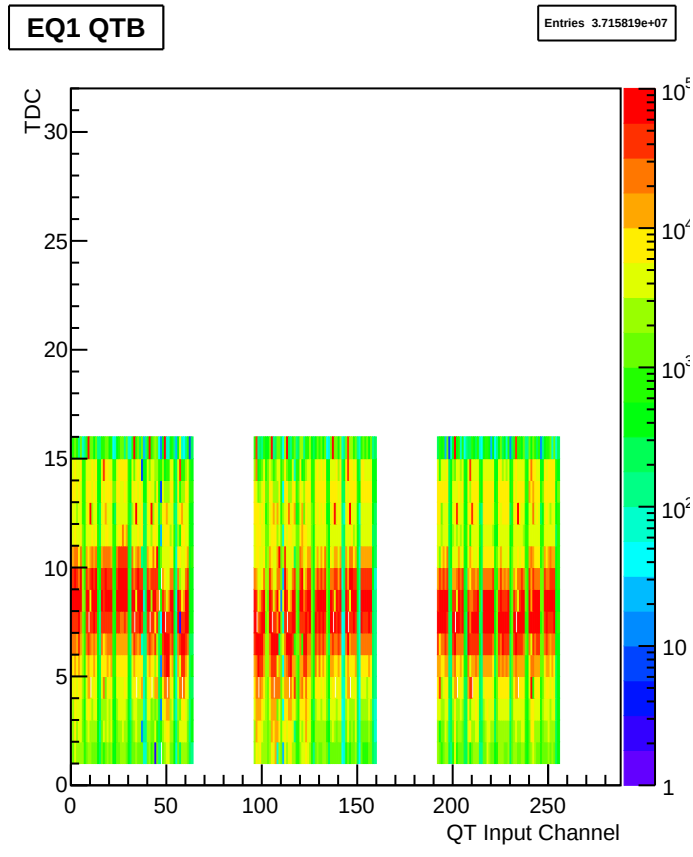

BBQ-VP001 East
Entries 6004352
ADC
QT Input Channel

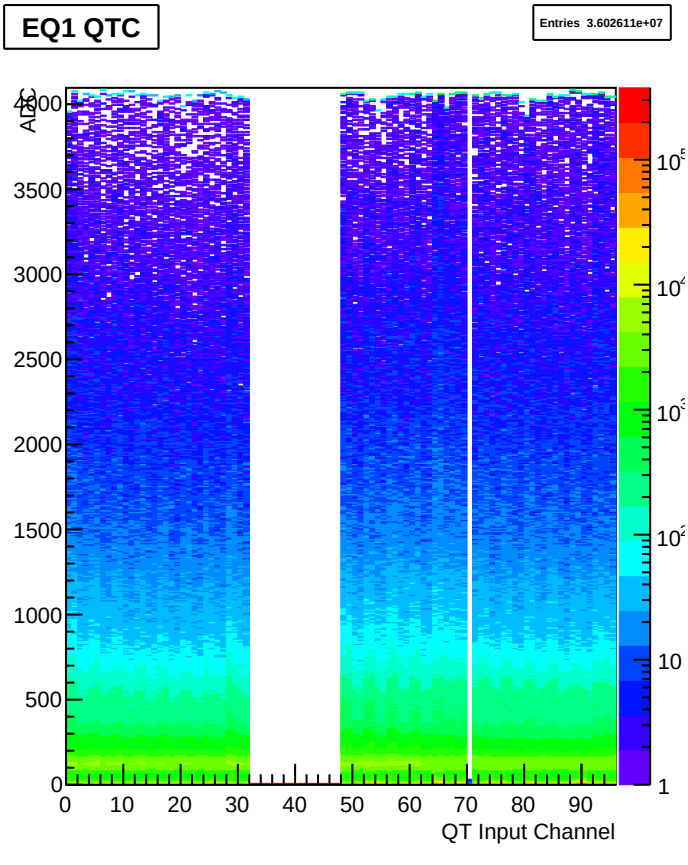

BBQ-VP001 East
Entries 6004352
ADC
QT Input Channel

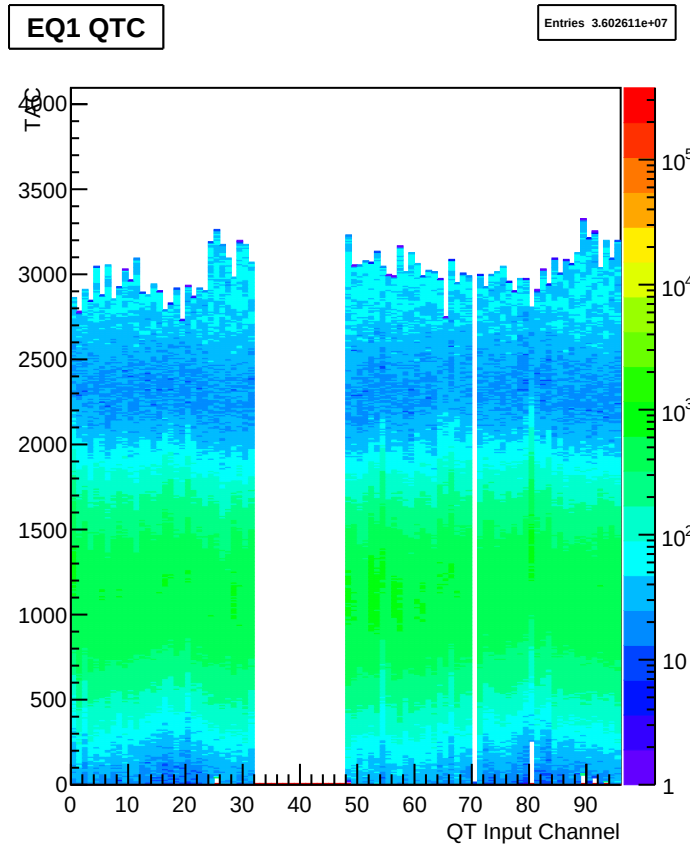

BBQ-VP002 West
Entries 6004352
ADC
QT Input Channel

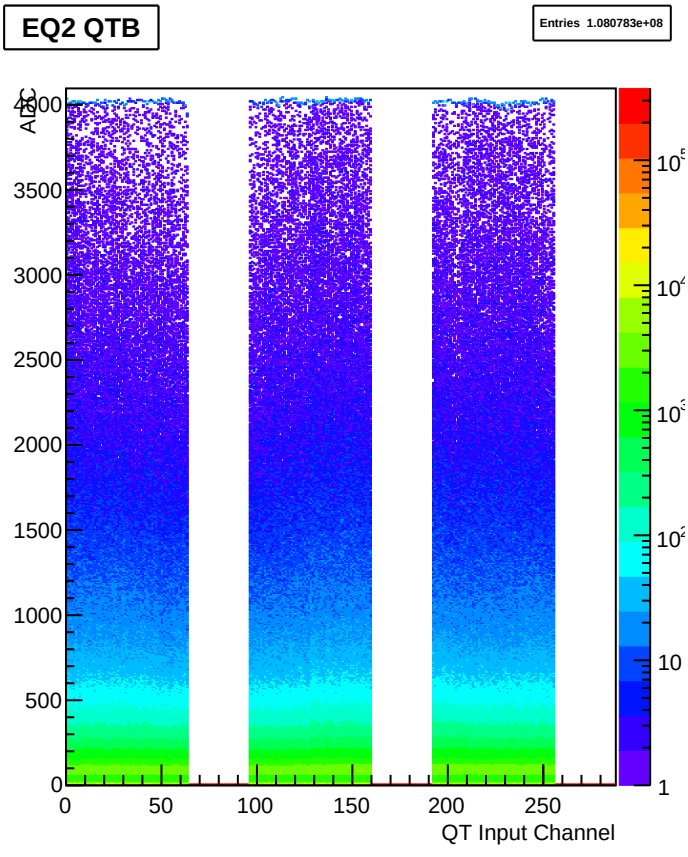

BBQ-VP002 West
Entries 6004352
ADC
QT Input Channel

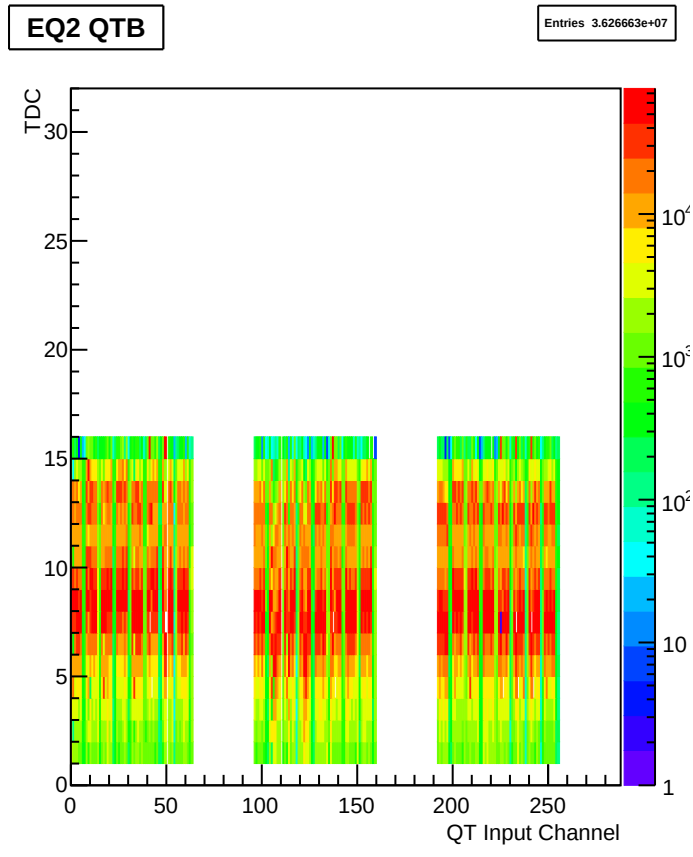

EQ1 QTB
Entries 1.080783e+08
ADC
QT Input Channel

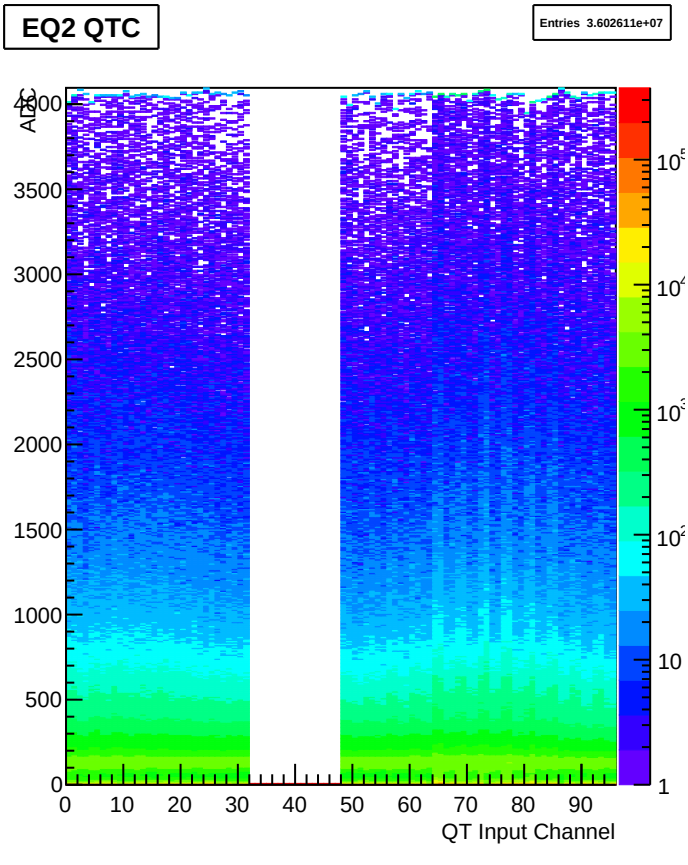

EQ1 QTB
Entries 3.715819e+07
TDC
QT Input Channel

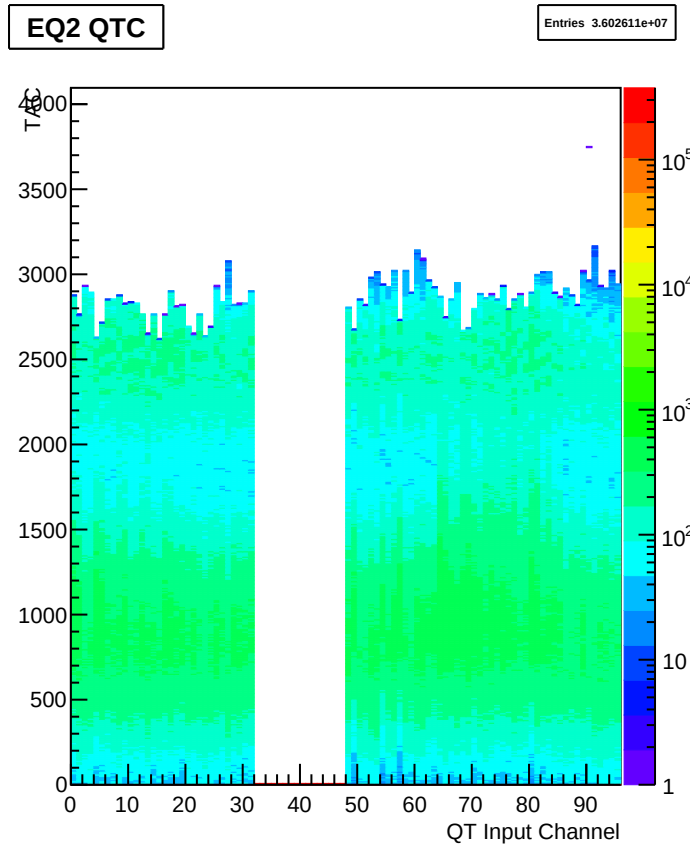

EQ1 QTC
Entries 3.602611e+07
ADC
QT Input Channel

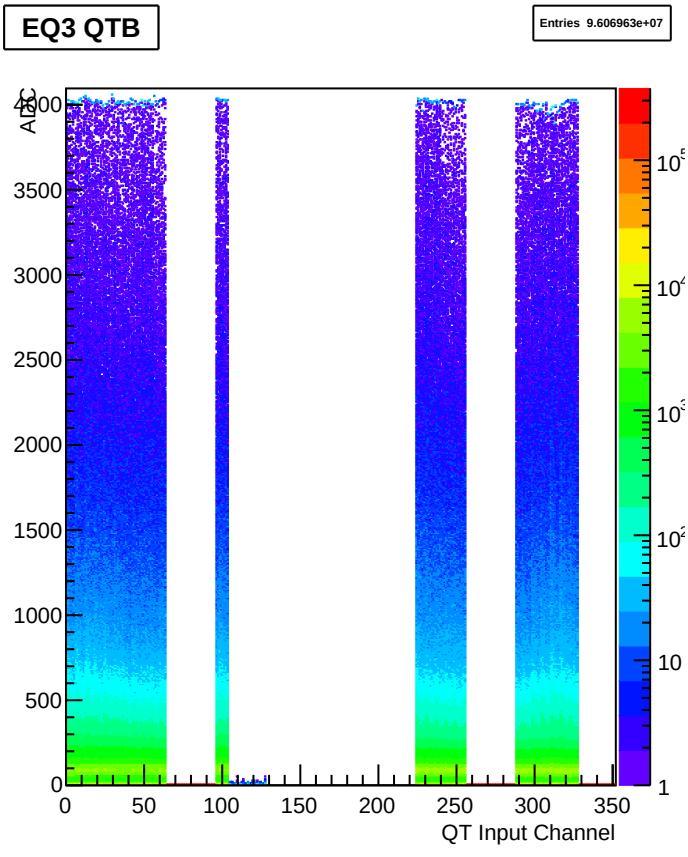

EQ1 QTC
Entries 3.602611e+07
TADC
QT Input Channel

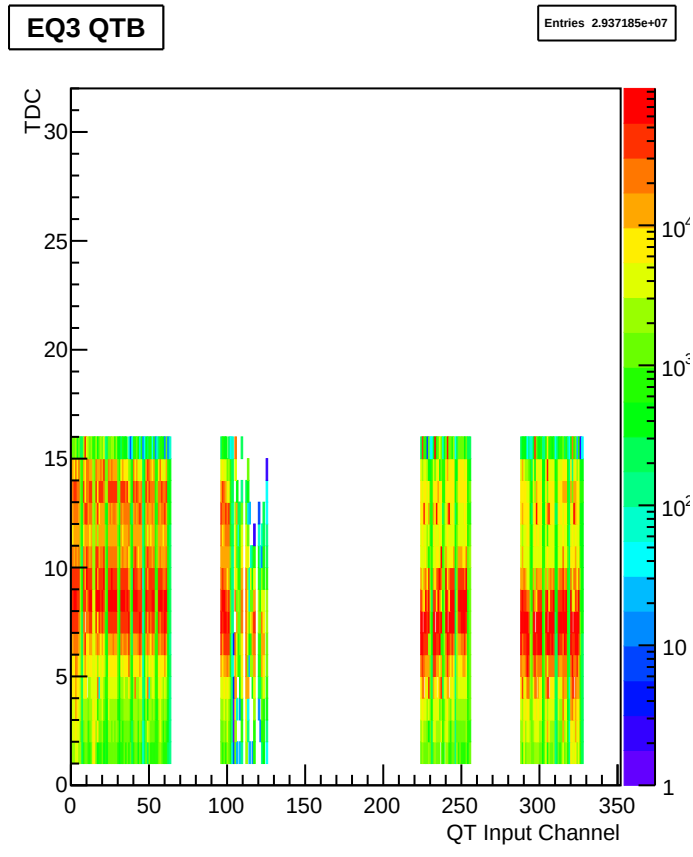

EQ2 QTB
Entries 1.080783e+08
ADC
QT Input Channel

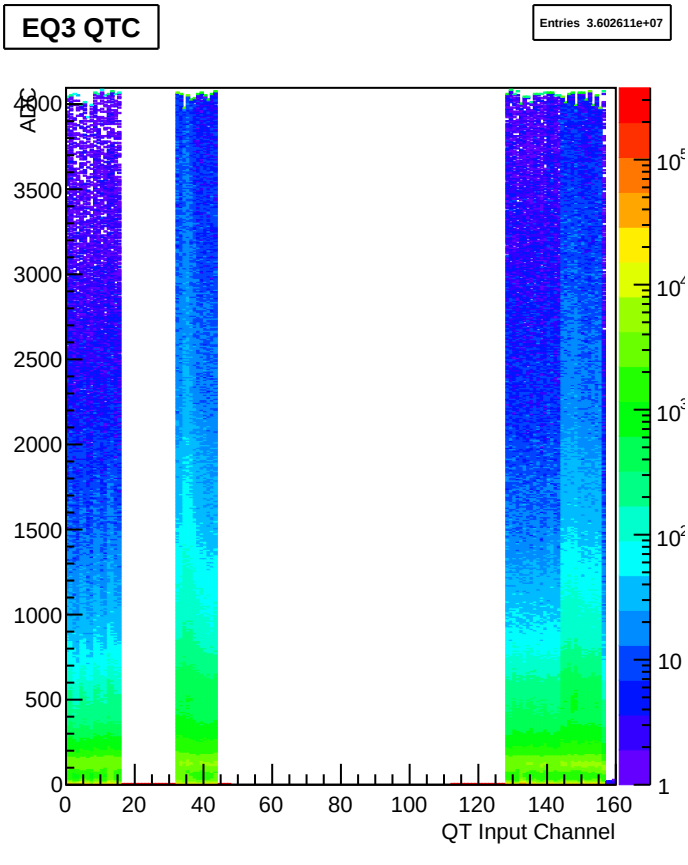

EQ2 QTB
Entries 3.626663e+07
TDC
QT Input Channel

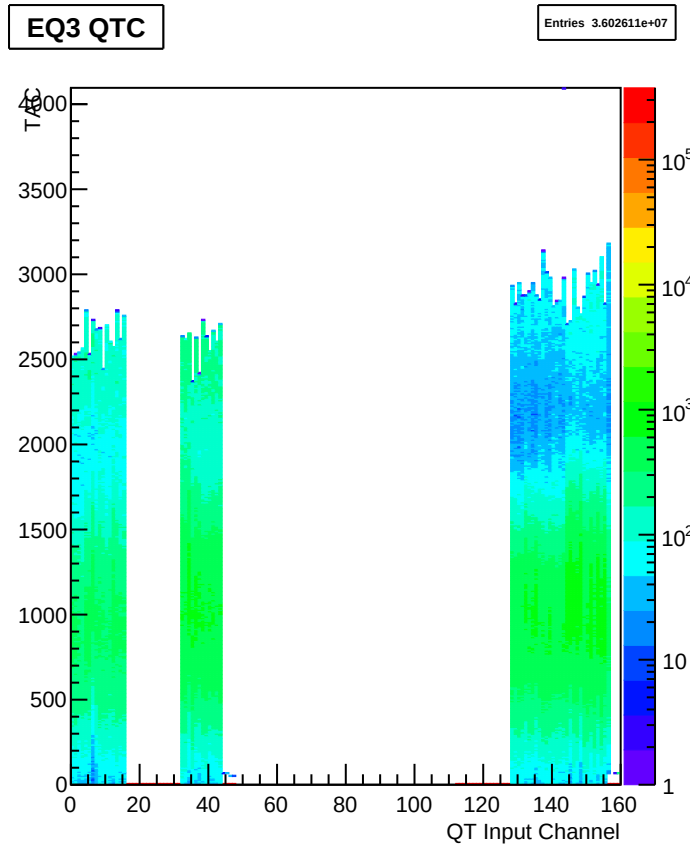

EQ2 QTC
Entries 3.602611e+07
ADC
QT Input Channel

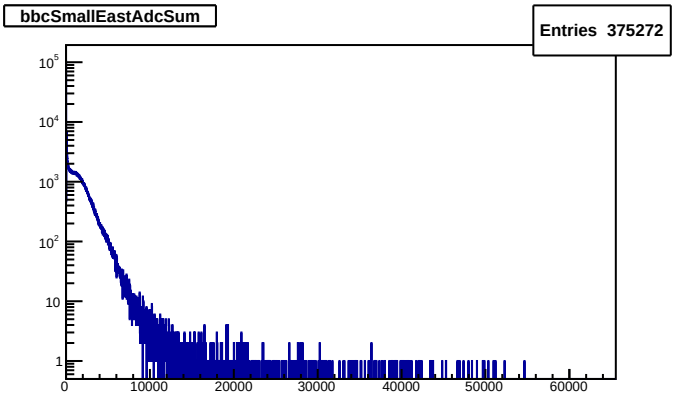

EQ2 QTC
Entries 3.602611e+07
TADC
QT Input Channel

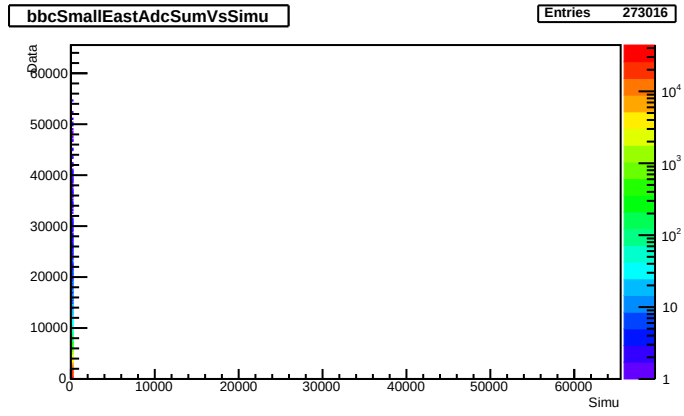

EQ3 QTB
Entries 9.606963e+07
ADC
QT Input Channel

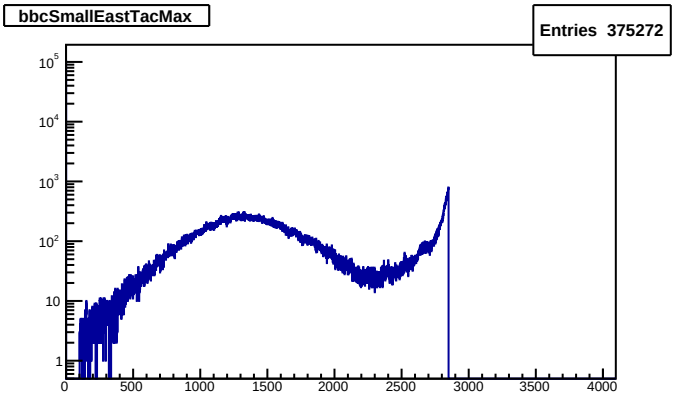

EQ3 QTB
Entries 2.937185e+07
TDC
QT Input Channel

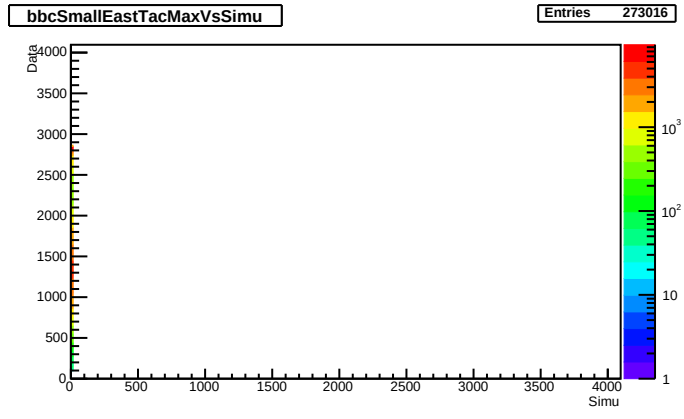

EQ3 QTC
Entries 3.602611e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.602611e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 375272


bbcSmallEastAdcSumVsSimu
Entries 273016
Data
Simu


bbcSmallEastTacMax
Entries 375272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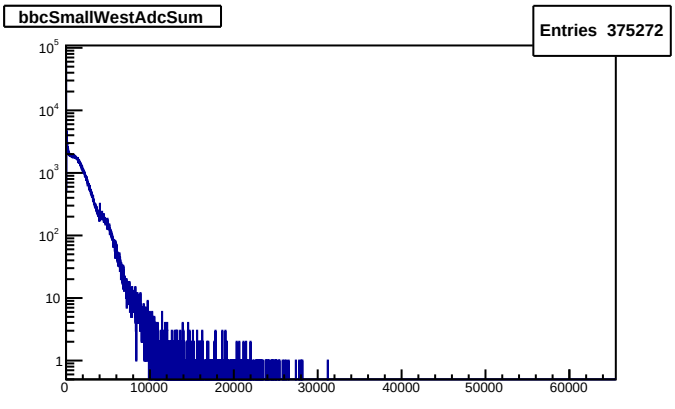
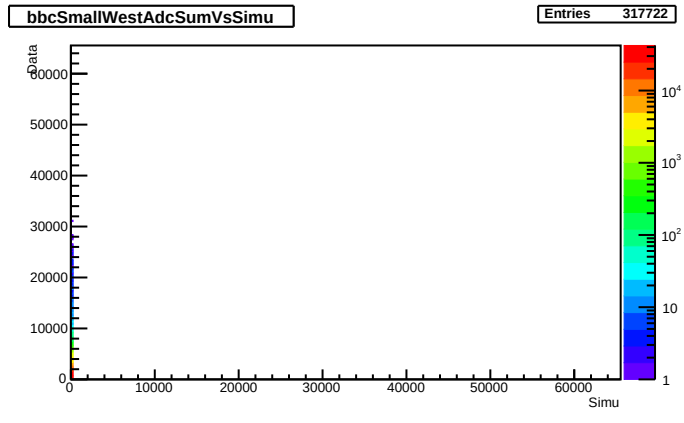
Entries 273016
Data
Simu


bbcSmallWestAdcSum
Entries 375272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Entries 317722
Data
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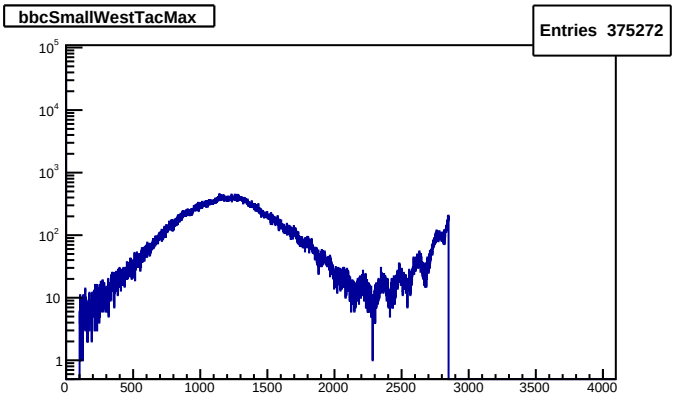
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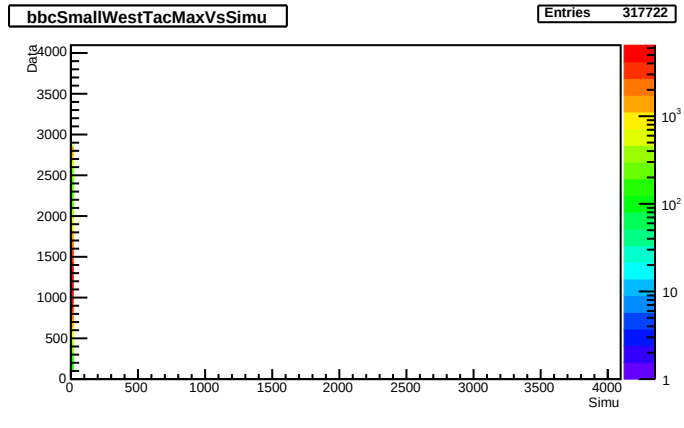
Entries 375272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Entries 317722
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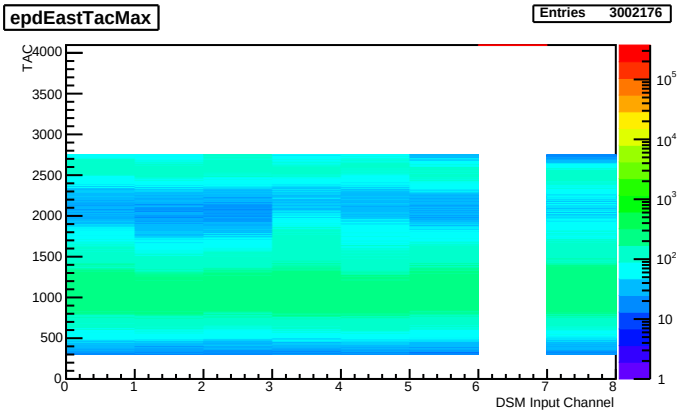
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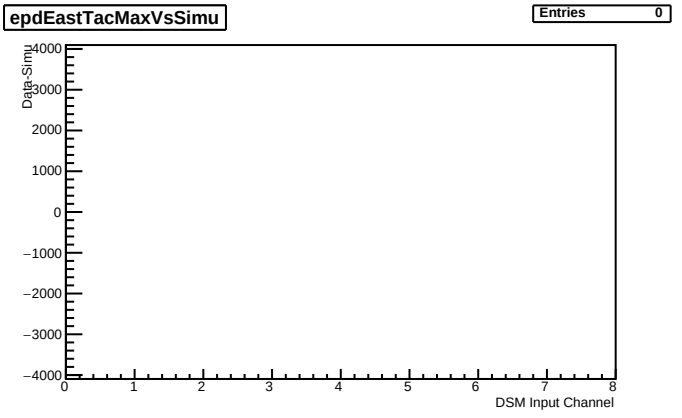
Entries 3002176
TAC
DSM Input Channel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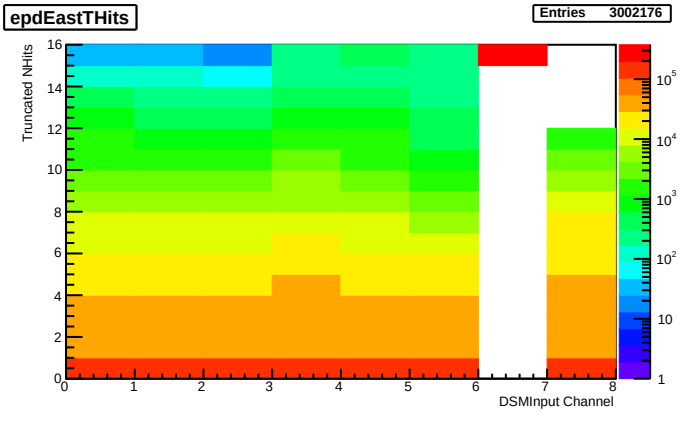
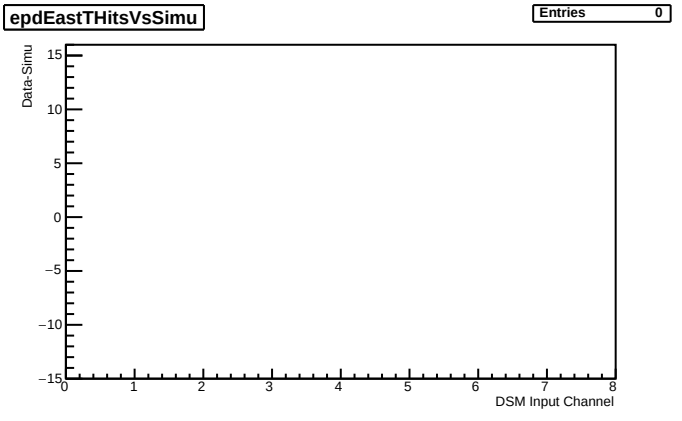
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3002176
Truncated NHits
DSMInput Channel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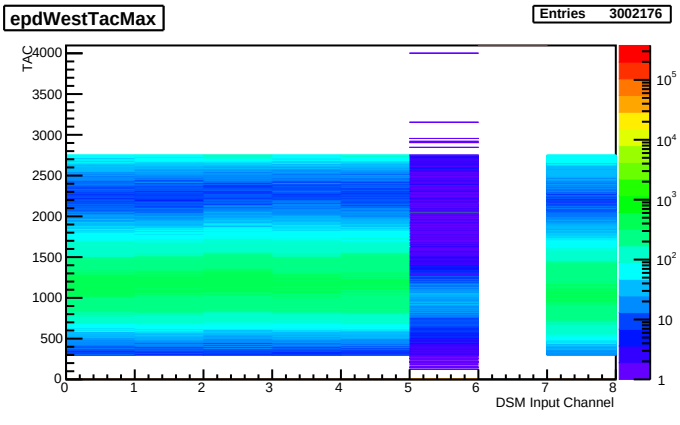
DSM Input Channel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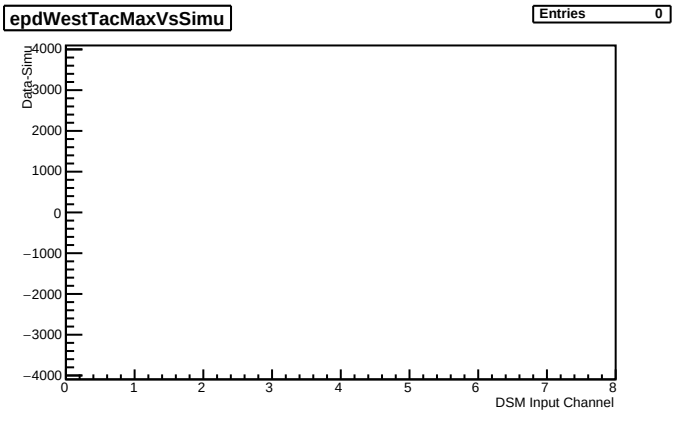
DSM Input Channel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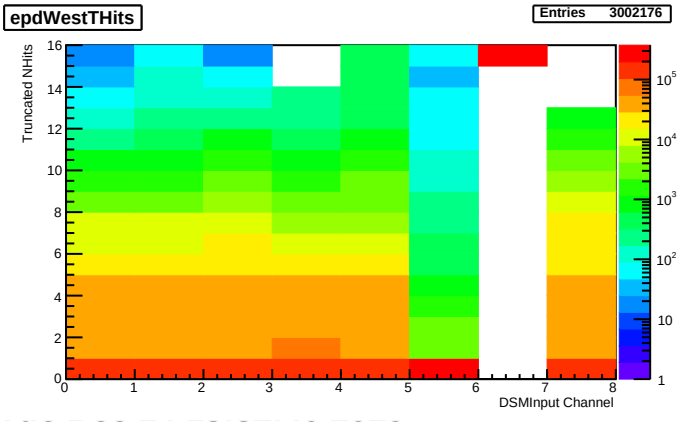
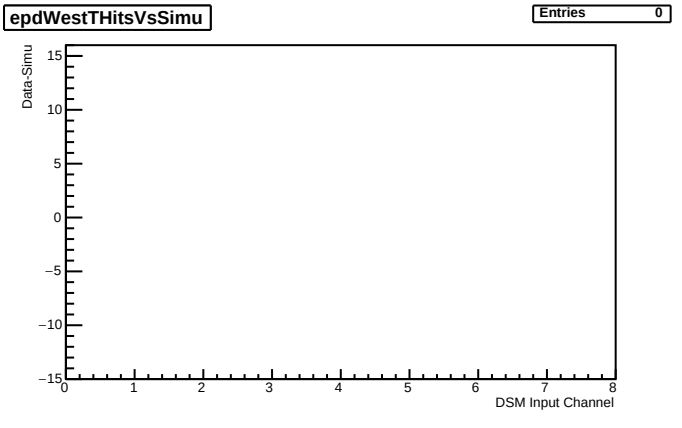
DSM Input Channel


epdWestTHits
Entries 3002176
Truncated NHits
DSMInput Channel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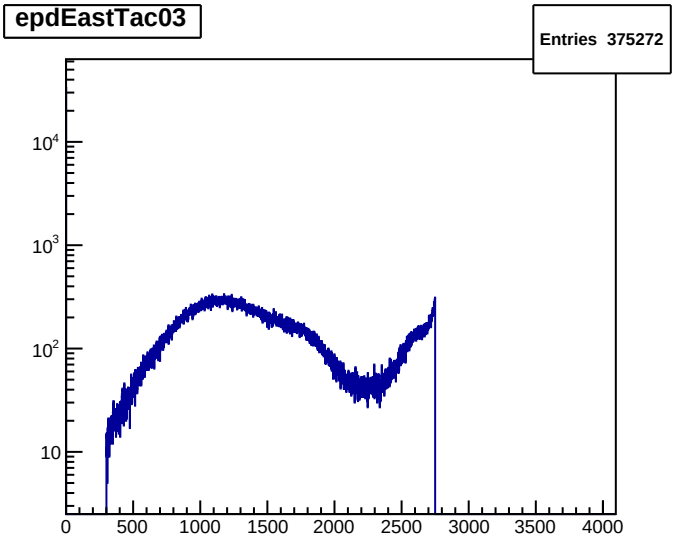
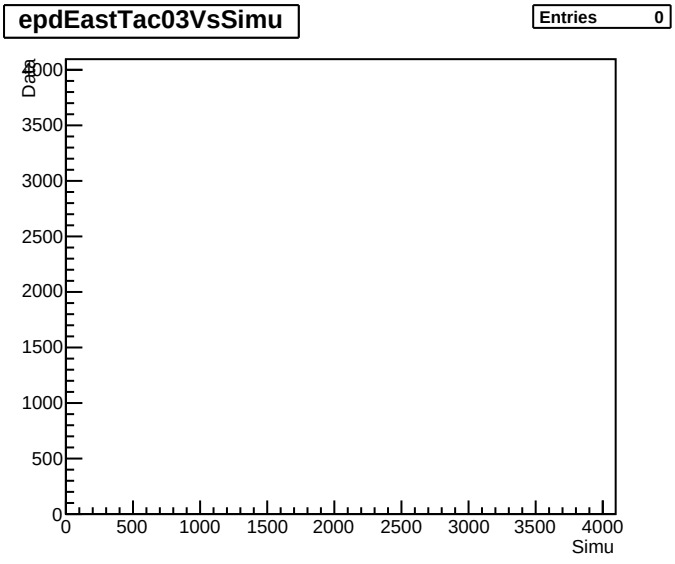
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 375272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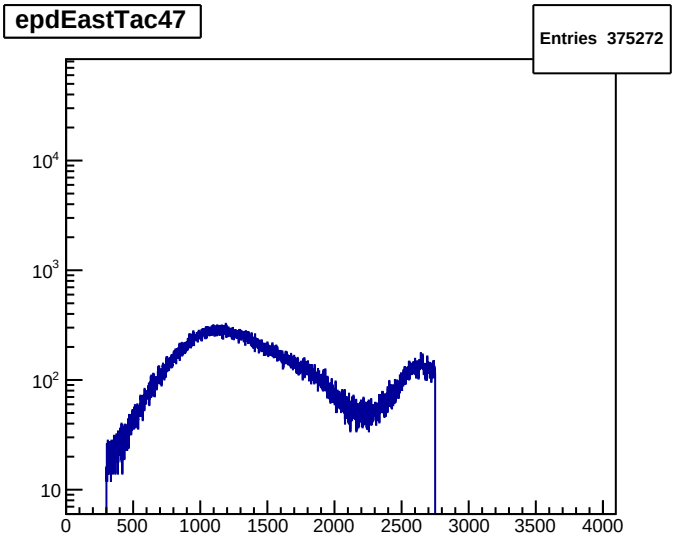
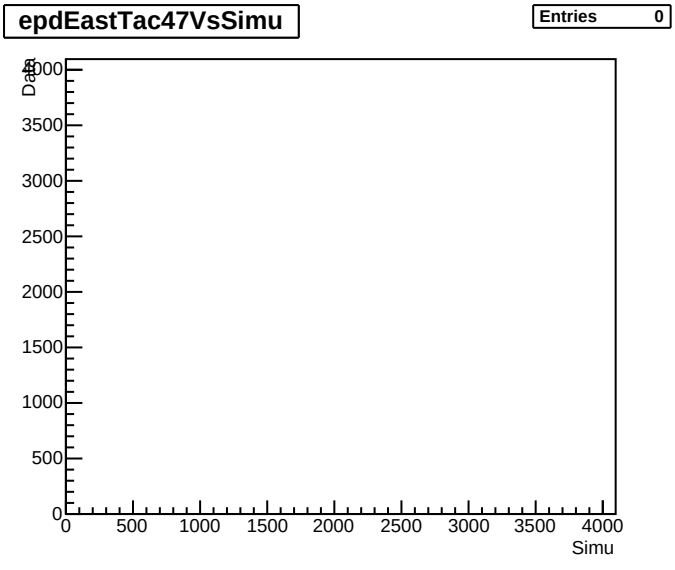
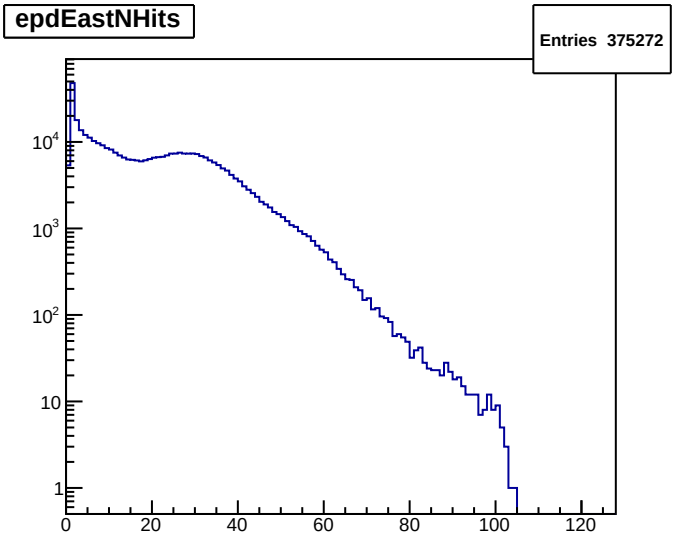
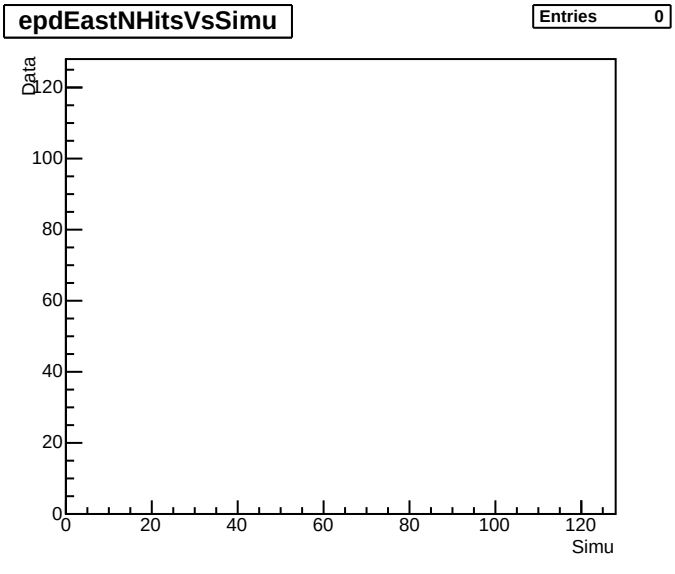
Entries 0
Data
Simu


epdEastTac47
Entries 375272


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 375272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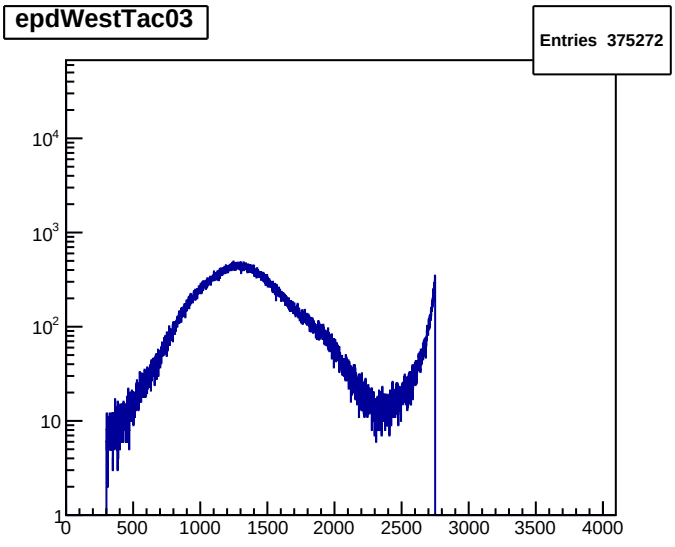
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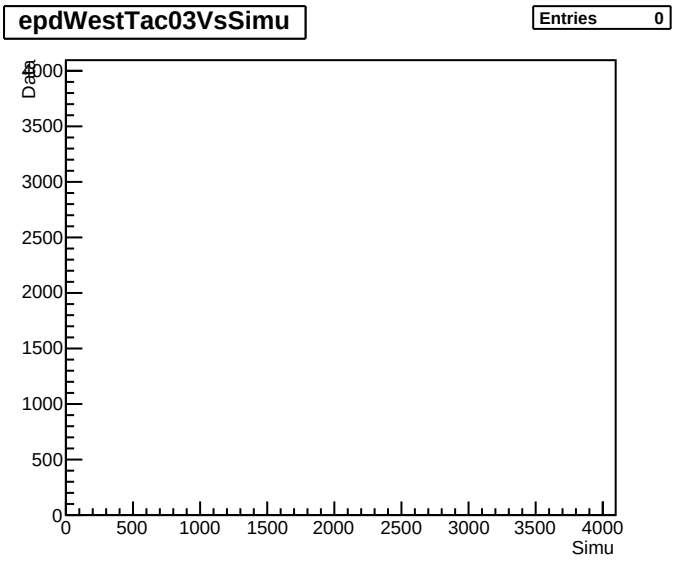
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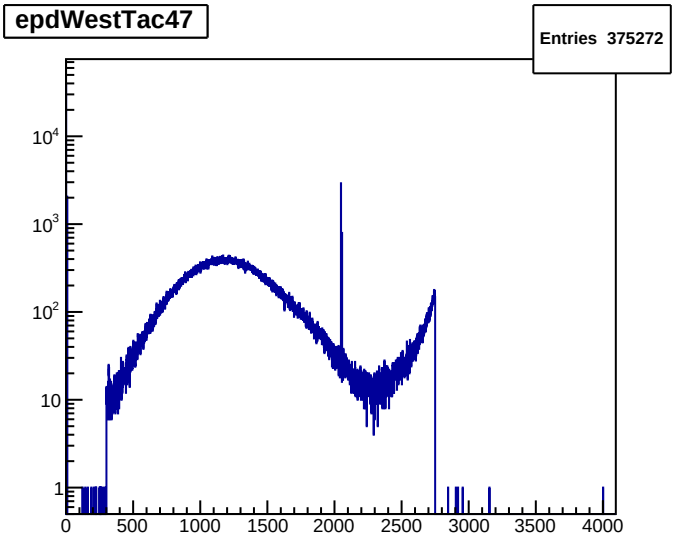
Simu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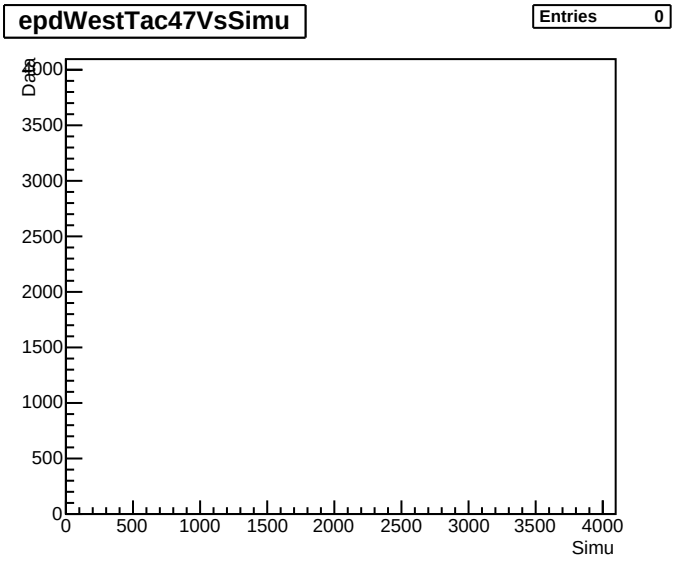
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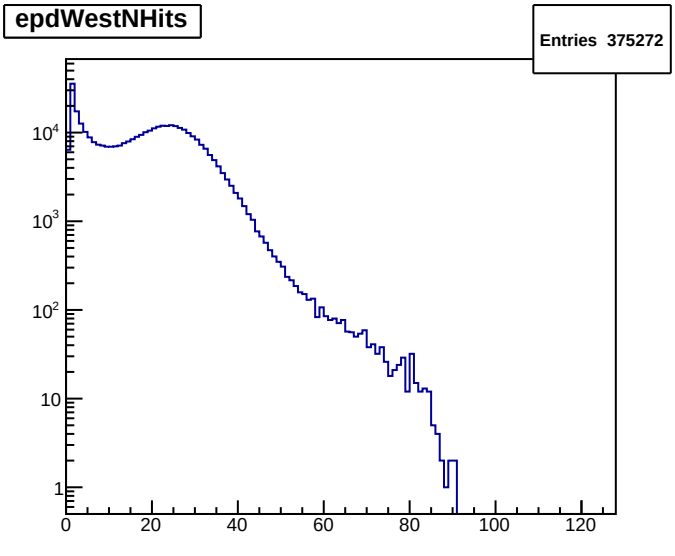
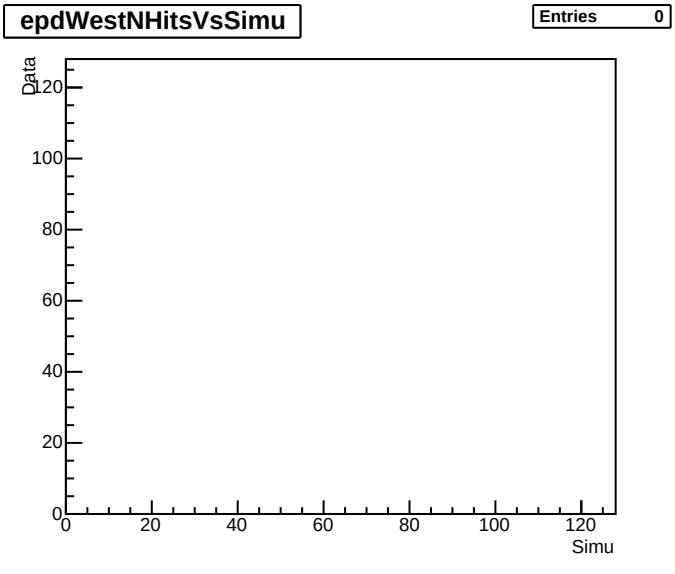
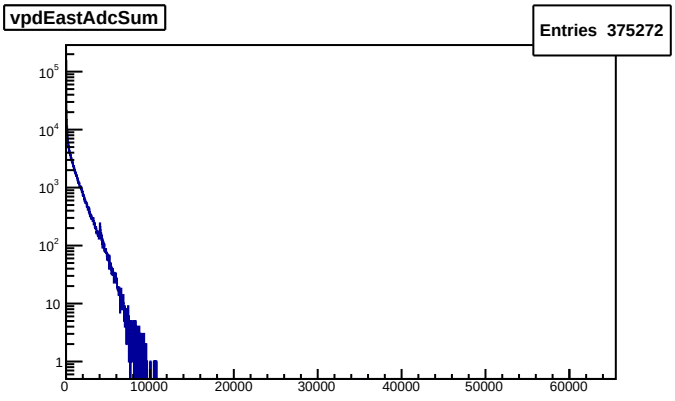
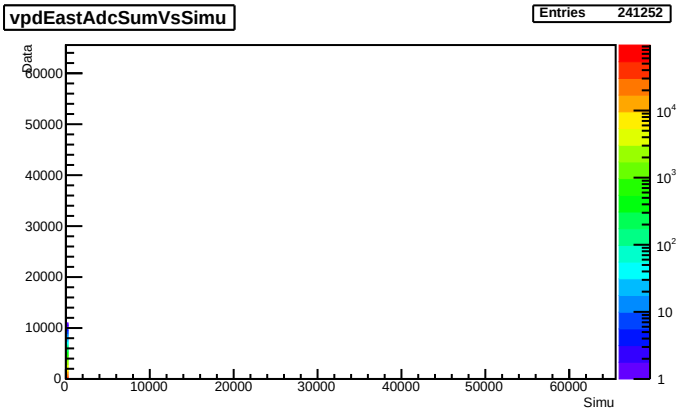
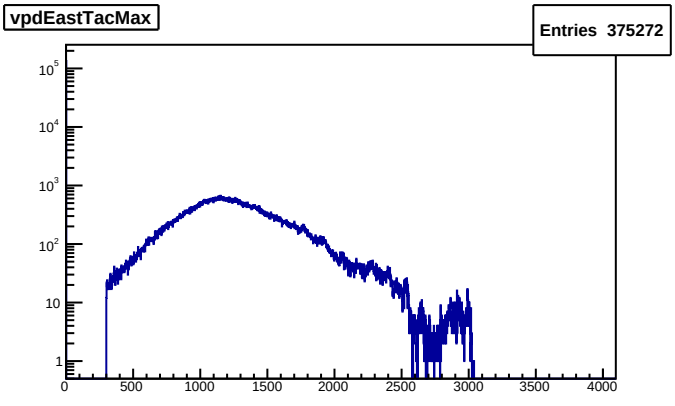
Entries 0
Data
Simu

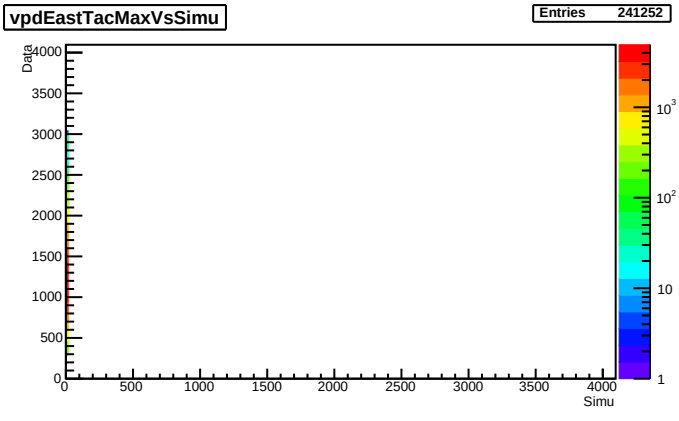

epdWestNHits
Entries 375272


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 375272


vpdEastAdcSumVsSimu
Entries 241252
Data
Simu


vpdEastTacMax
Entries 375272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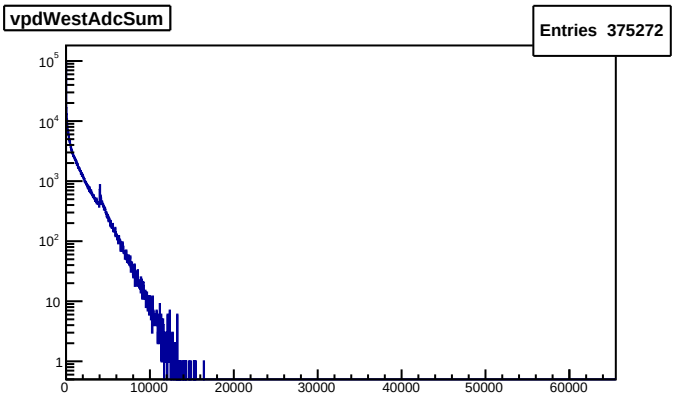
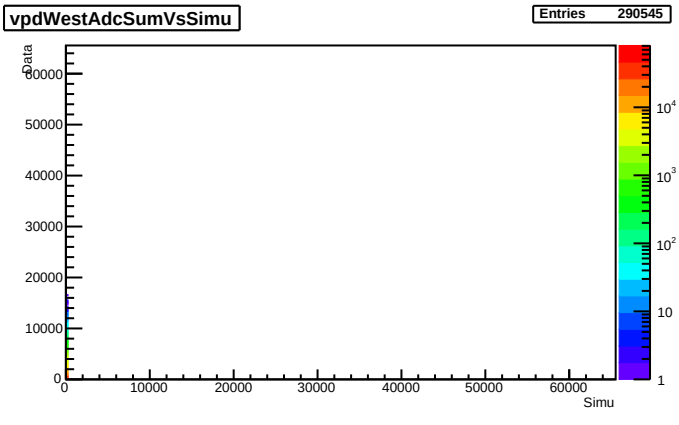
Entries 241252
Data
Simu


vpdWestAdcSum
Entries 375272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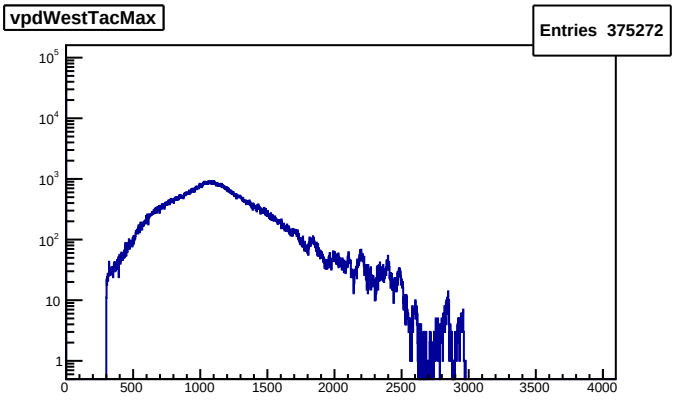
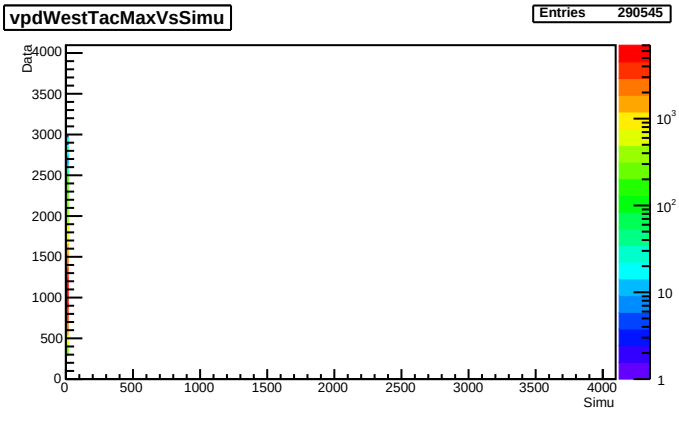
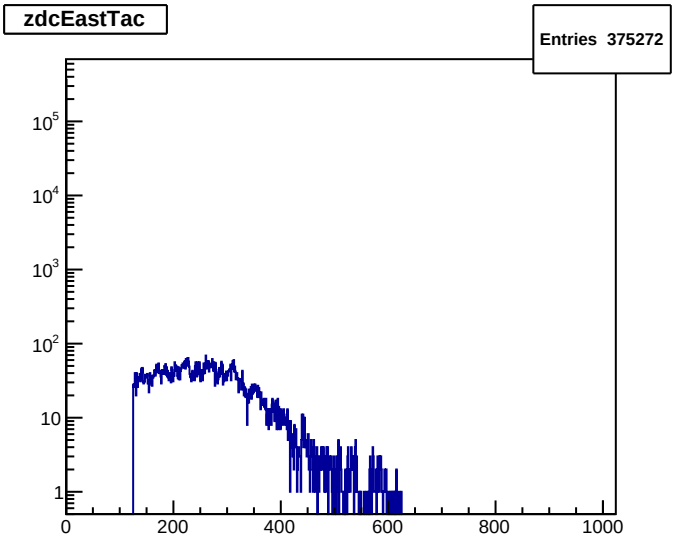
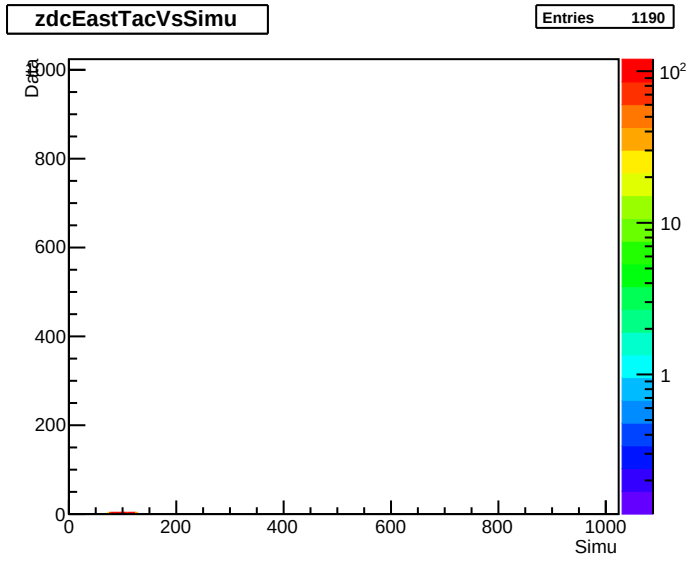
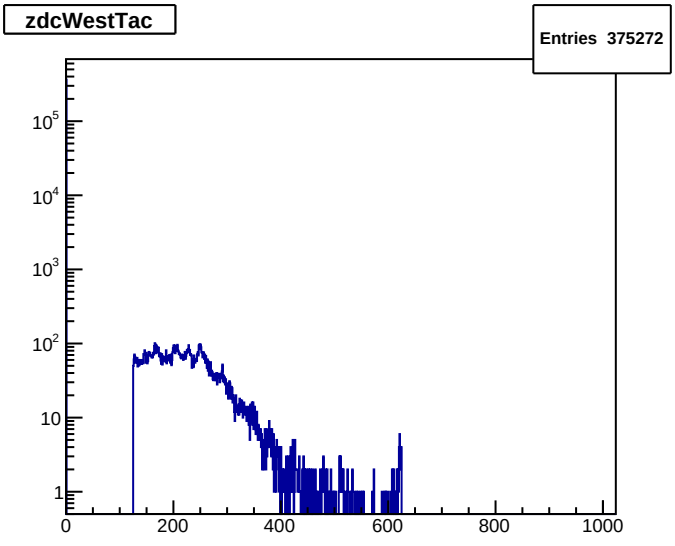
Entries 290545
Data
Simu

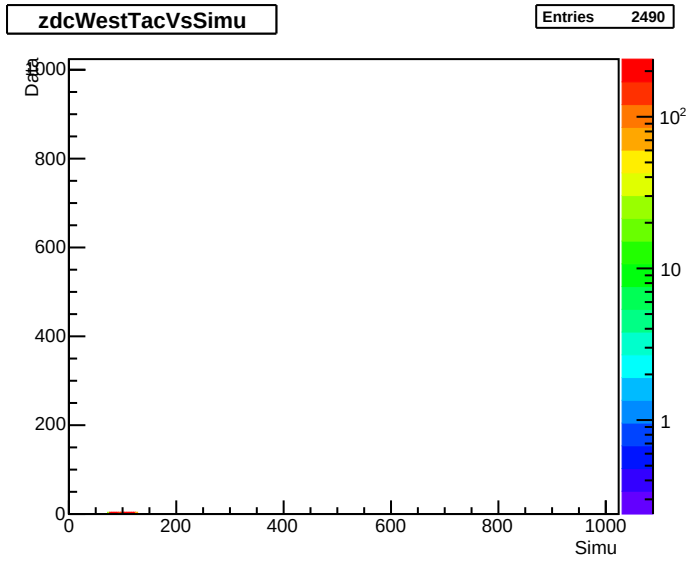

vpdWestTacMax
Entries 375272

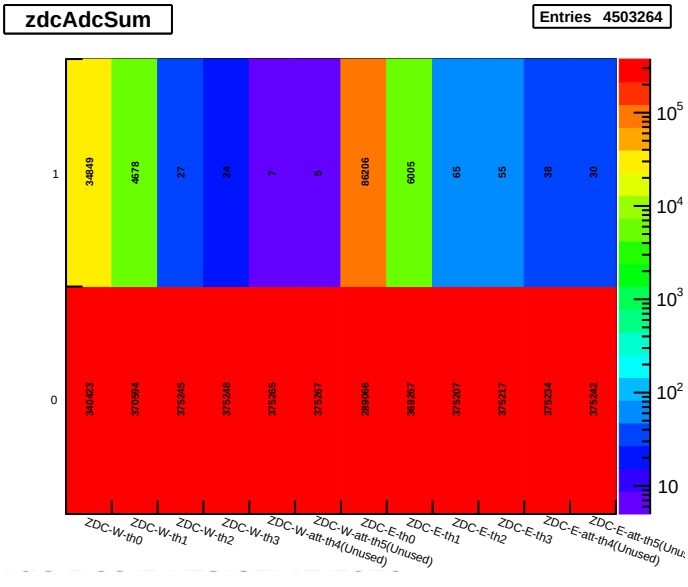

vpdWestTacMaxVsSimu
Entries 290545
Data
Simu

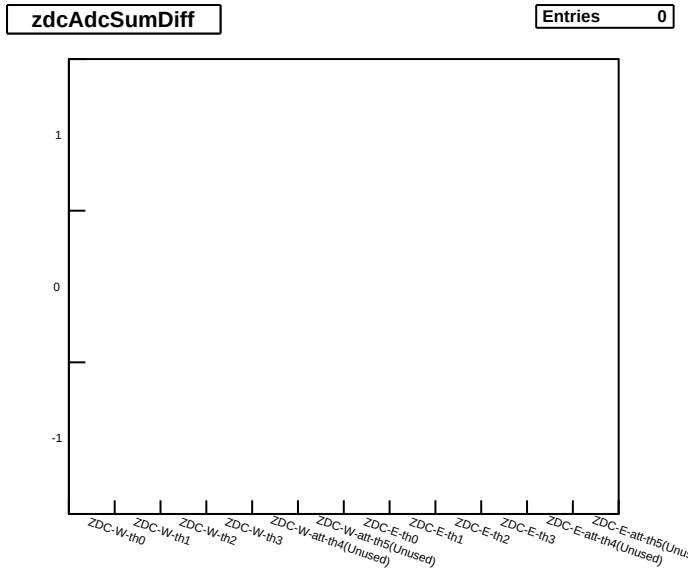

zdcEastTac
Entries 375272


zdcEastTacVsSimu
Entries 1190
Data
Simu


zdcWestTac
Entries 375272


zdcWestTacVsSimu
Entries 2490
Data
Simu


zdcAdcSum
Entries 4503264
34849
4678
27
24
7
5
86206
6005
65
55
38
30
340423
370594
375245
375248
375265
375267
289066
369267
375207
375217
375234
375242
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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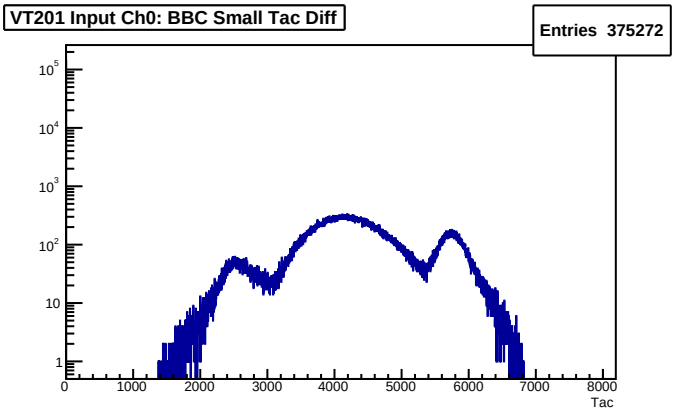
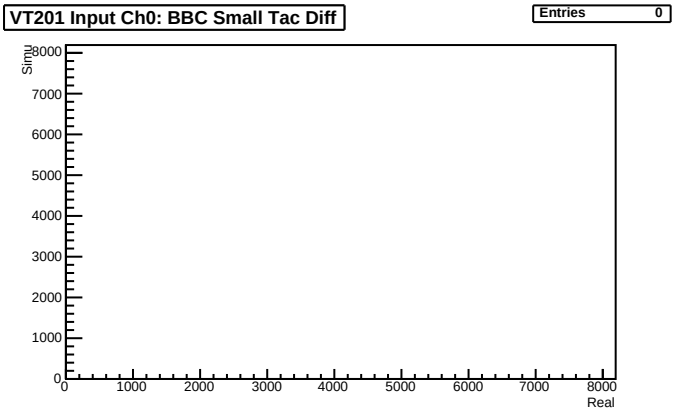
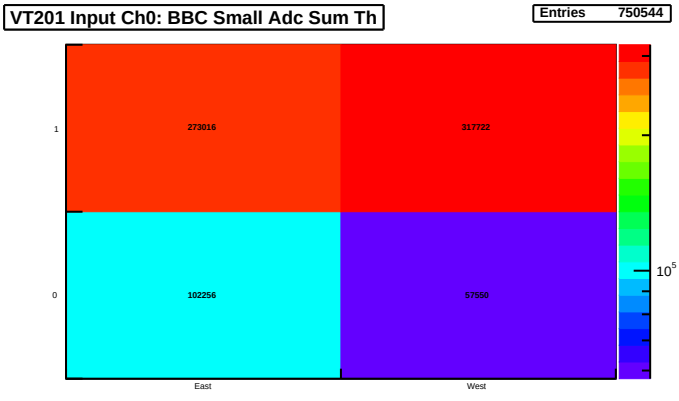
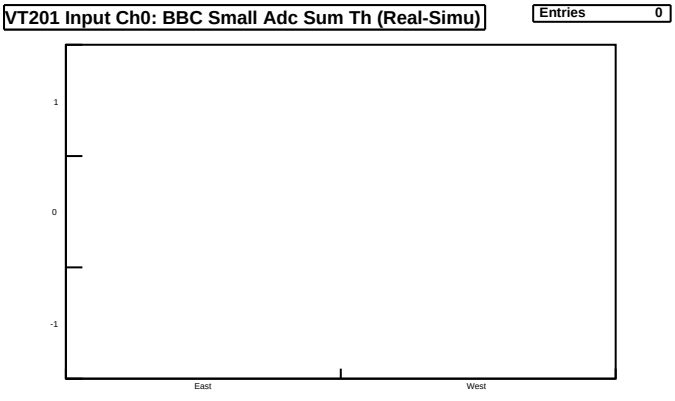
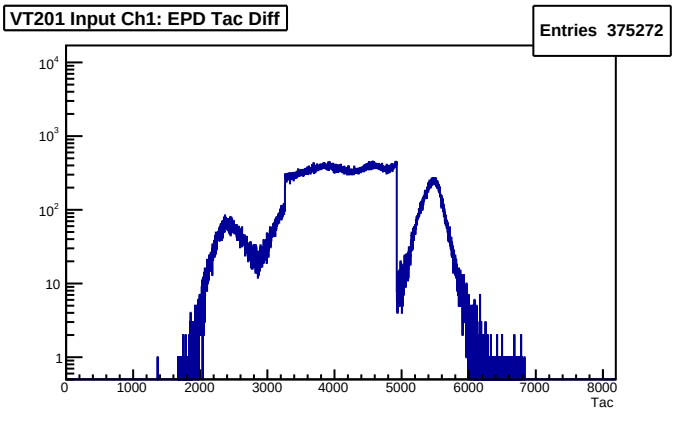
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

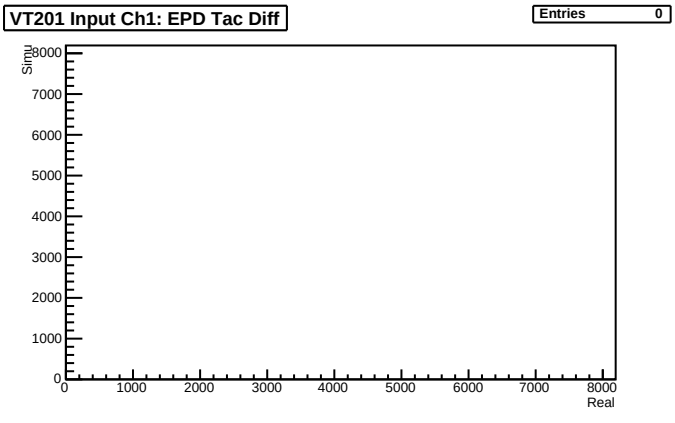

VT201 Input Ch0: BBC Small Tac Diff
Entries 375272
Tac

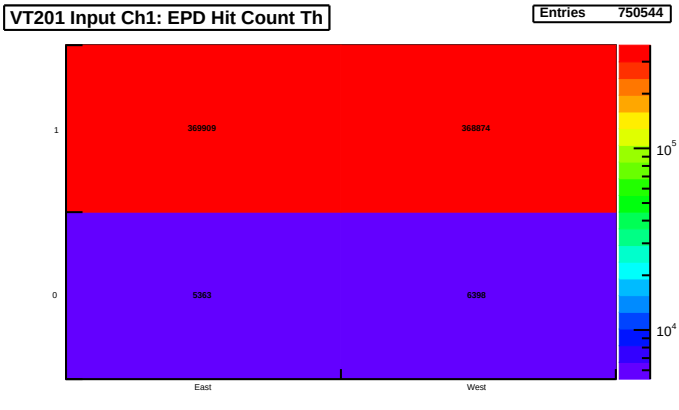

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

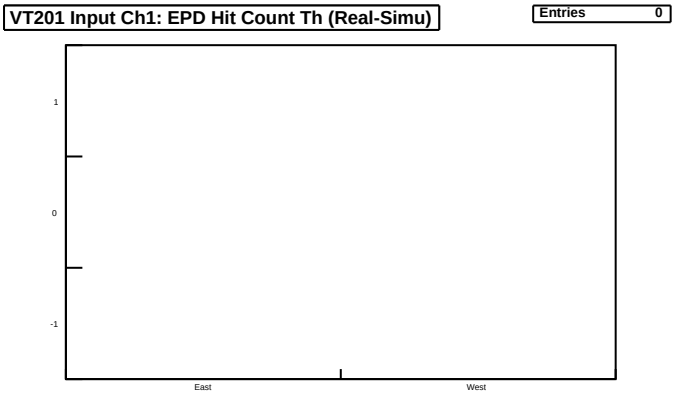

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 750544
273016
317722
102256
57550
East
West

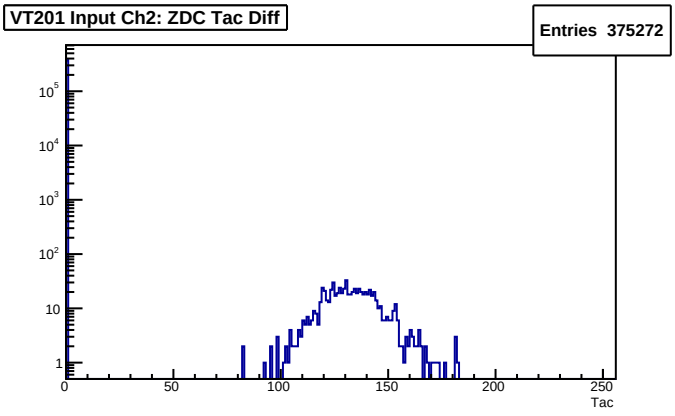

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

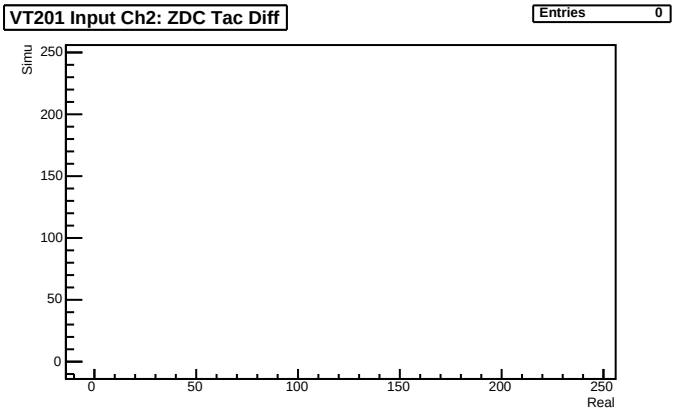

VT201 Input Ch1: EPD Tac Diff
Entries 375272
Tac

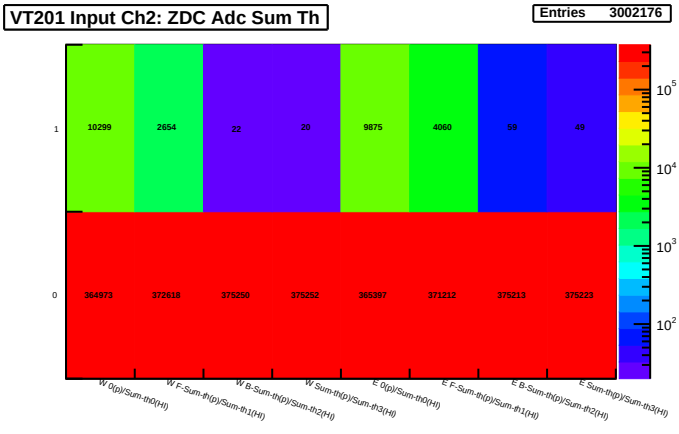

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

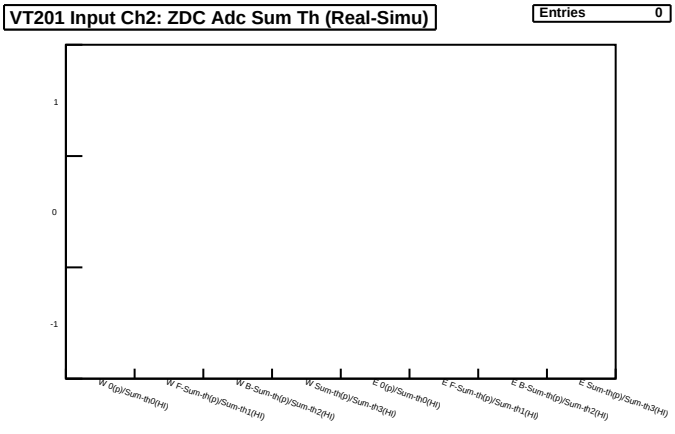

VT201 Input Ch1: EPD Hit Count Th
Entries 750544
369909
368874
5363
6398
East
West

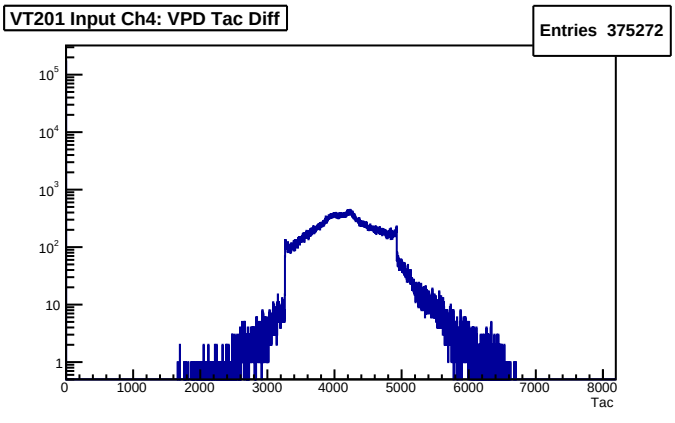

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

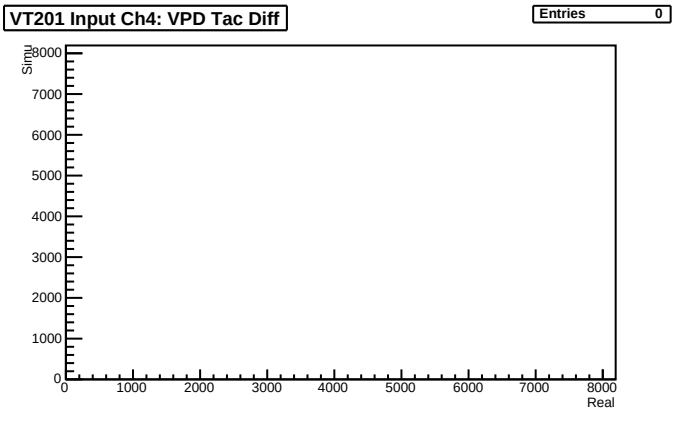

VT201 Input Ch2: ZDC Tac Diff
Entries 375272
Tac

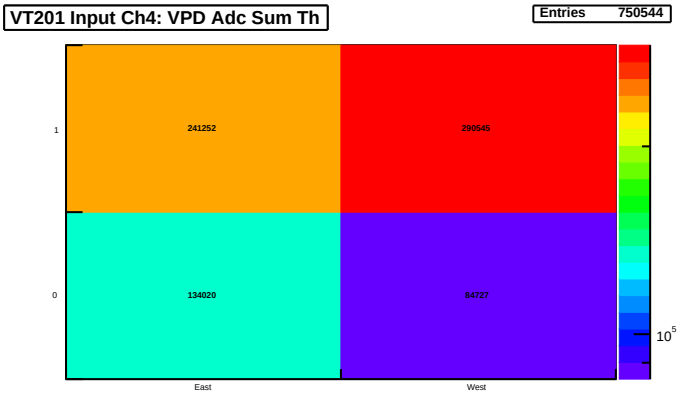

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

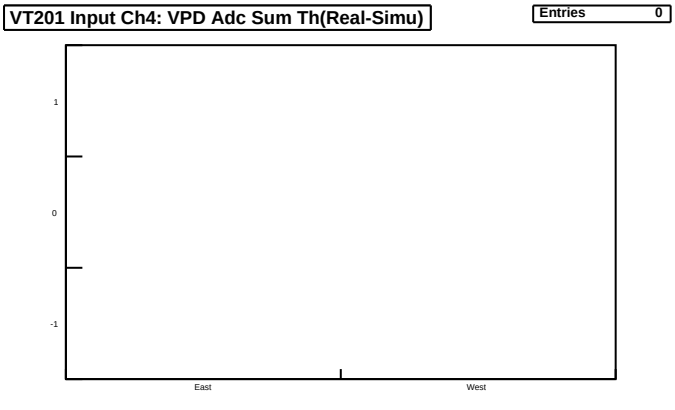

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3002176
10299
2654
22
20
9875
4060
59
49
364973
372618
375250
375252
365397
371212
375213
375223
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

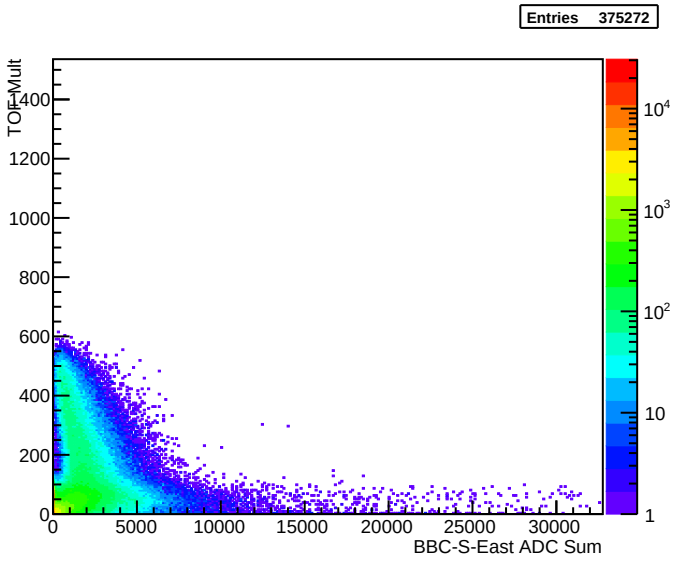

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

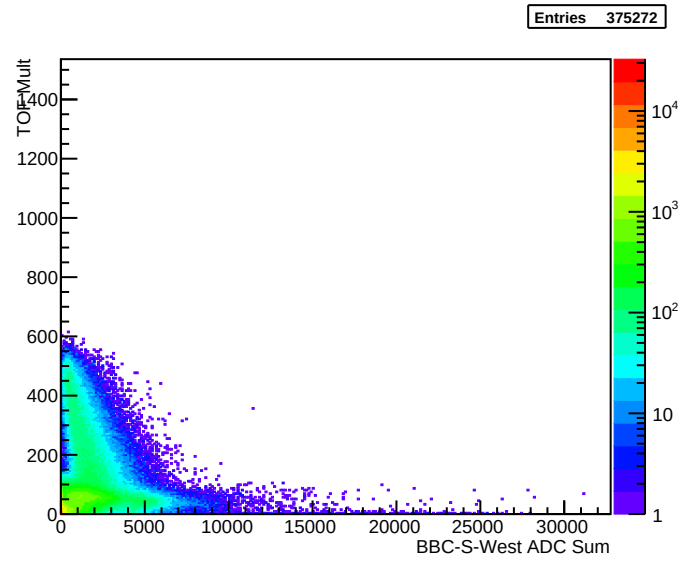

VT201 Input Ch4: VPD Tac Diff
Entries 375272
Tac

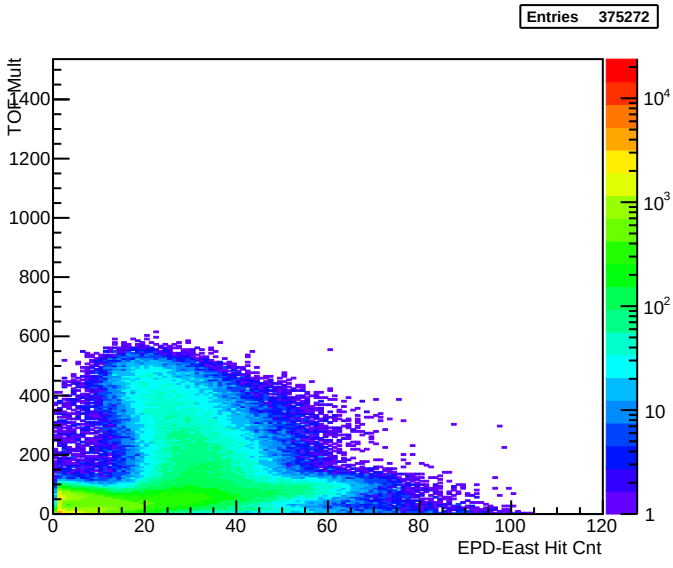

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

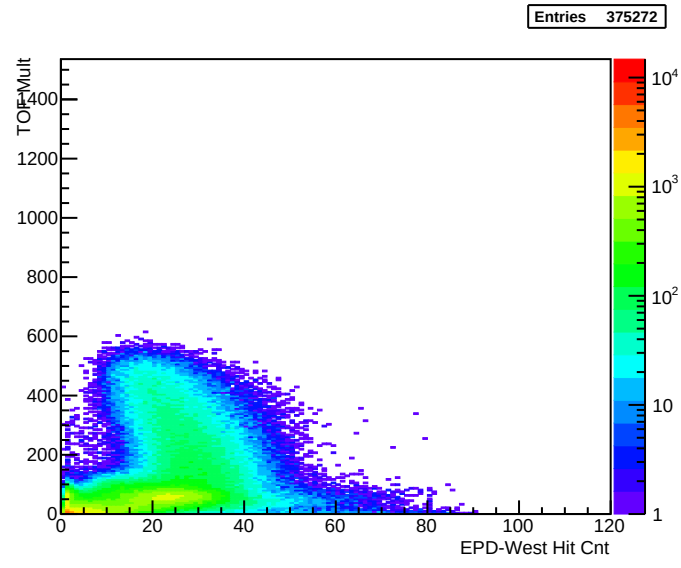

VT201 Input Ch4: VPD Adc Sum Th
Entries 750544
241252
290545
134020
84727
East
West

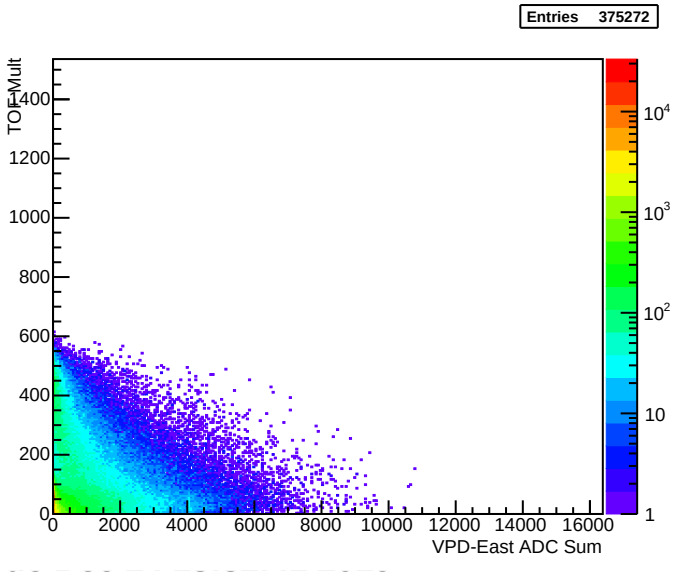

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

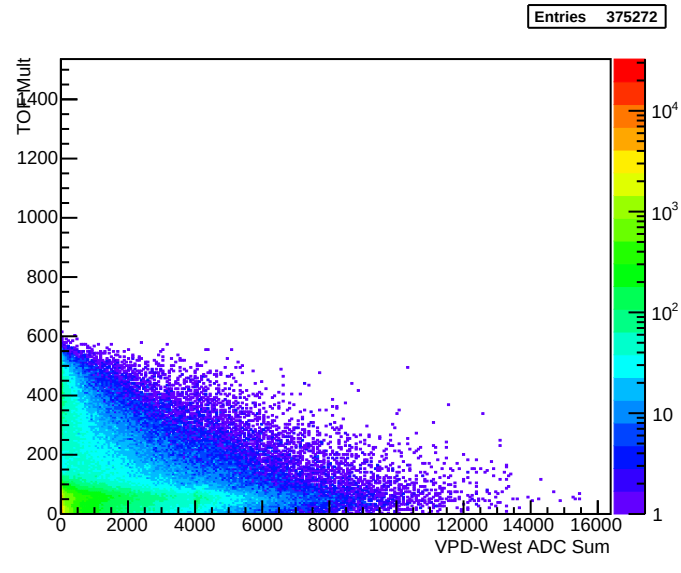

Entries 375272
TOF-Mult
BBC-S-East ADC Sum

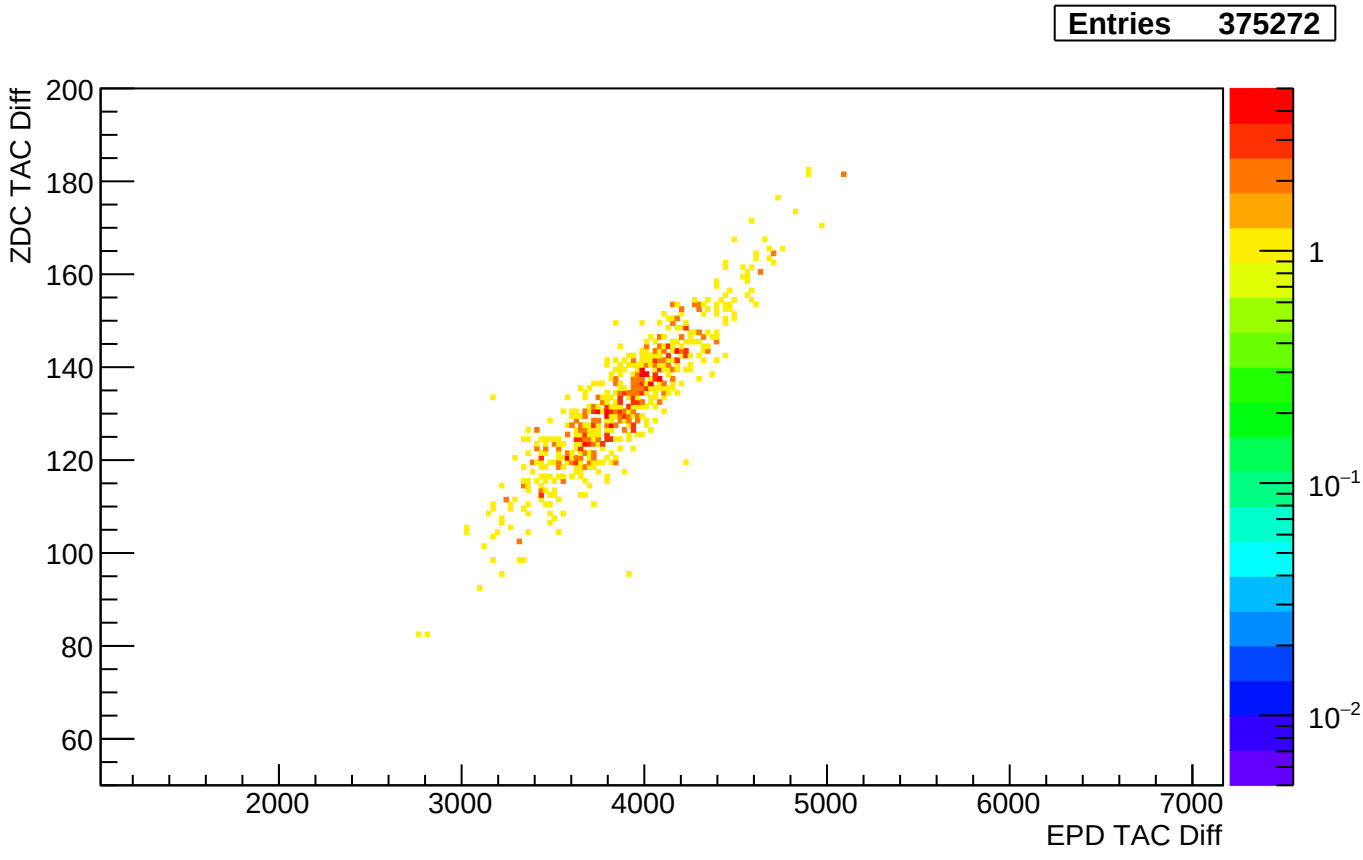

Entries 375272
TOF-Mult
BBC-S-West ADC Sum

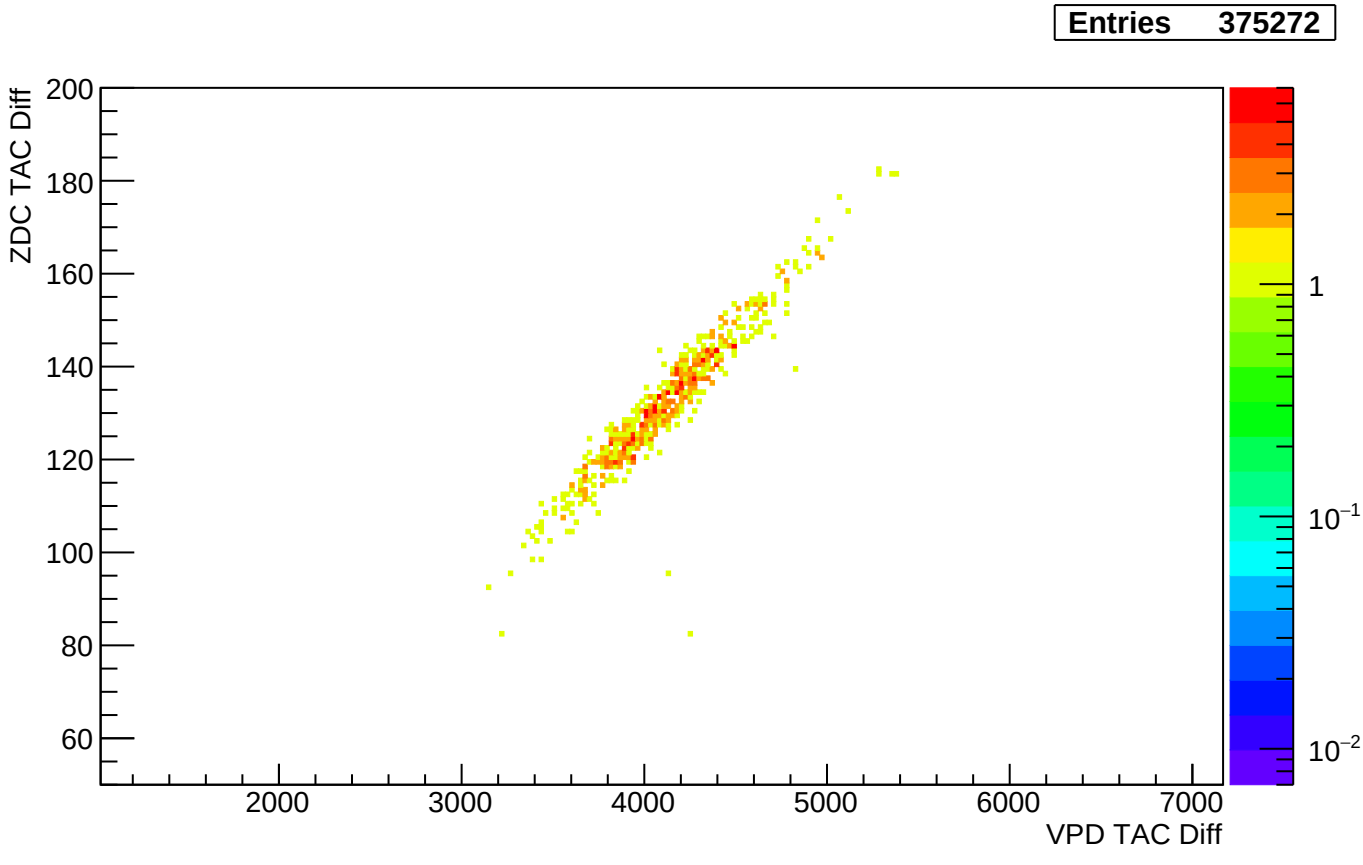

Entries 375272
TOF-Mult
EPD-East Hit Cnt

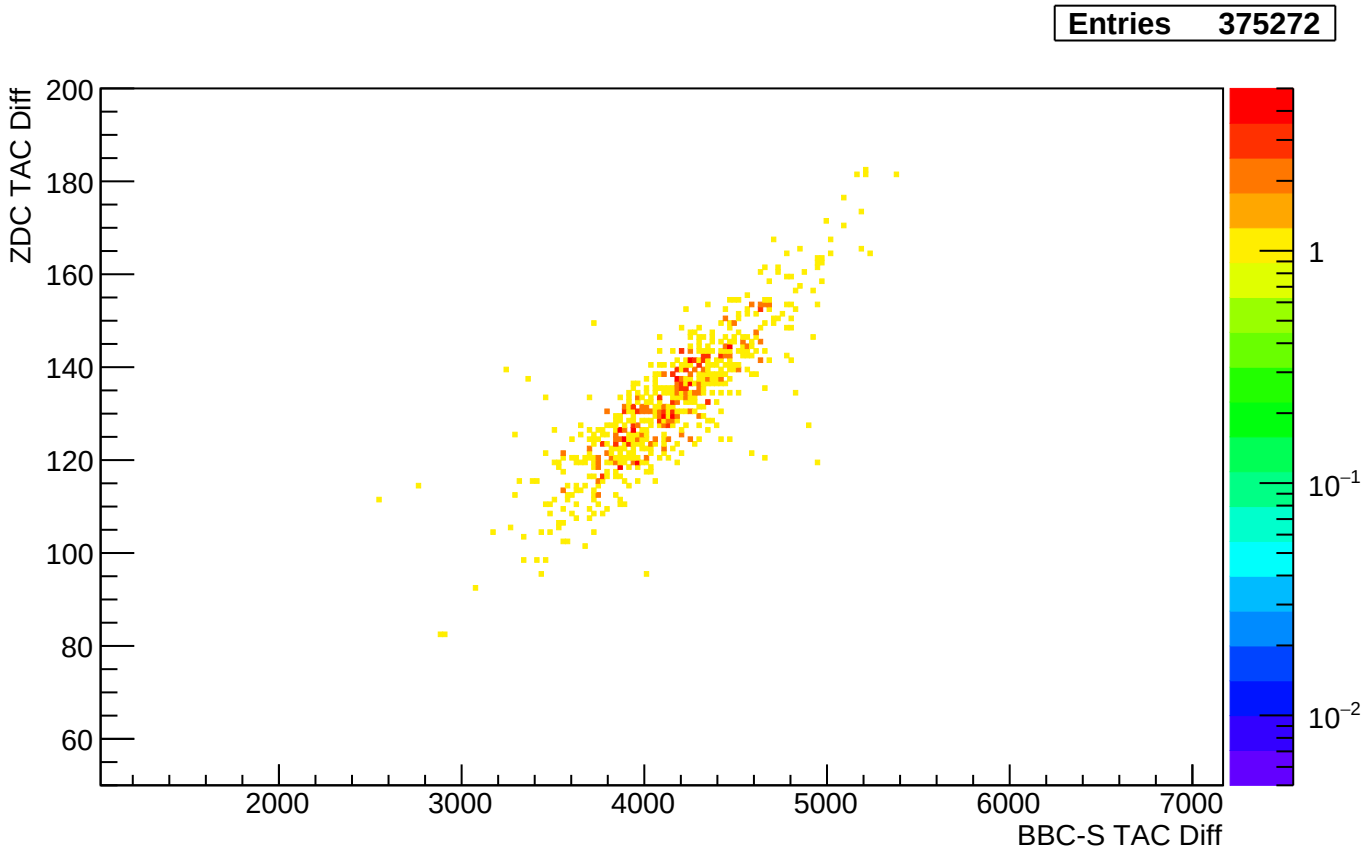

Entries 375272
TOF-Mult
EPD-West Hit Cnt

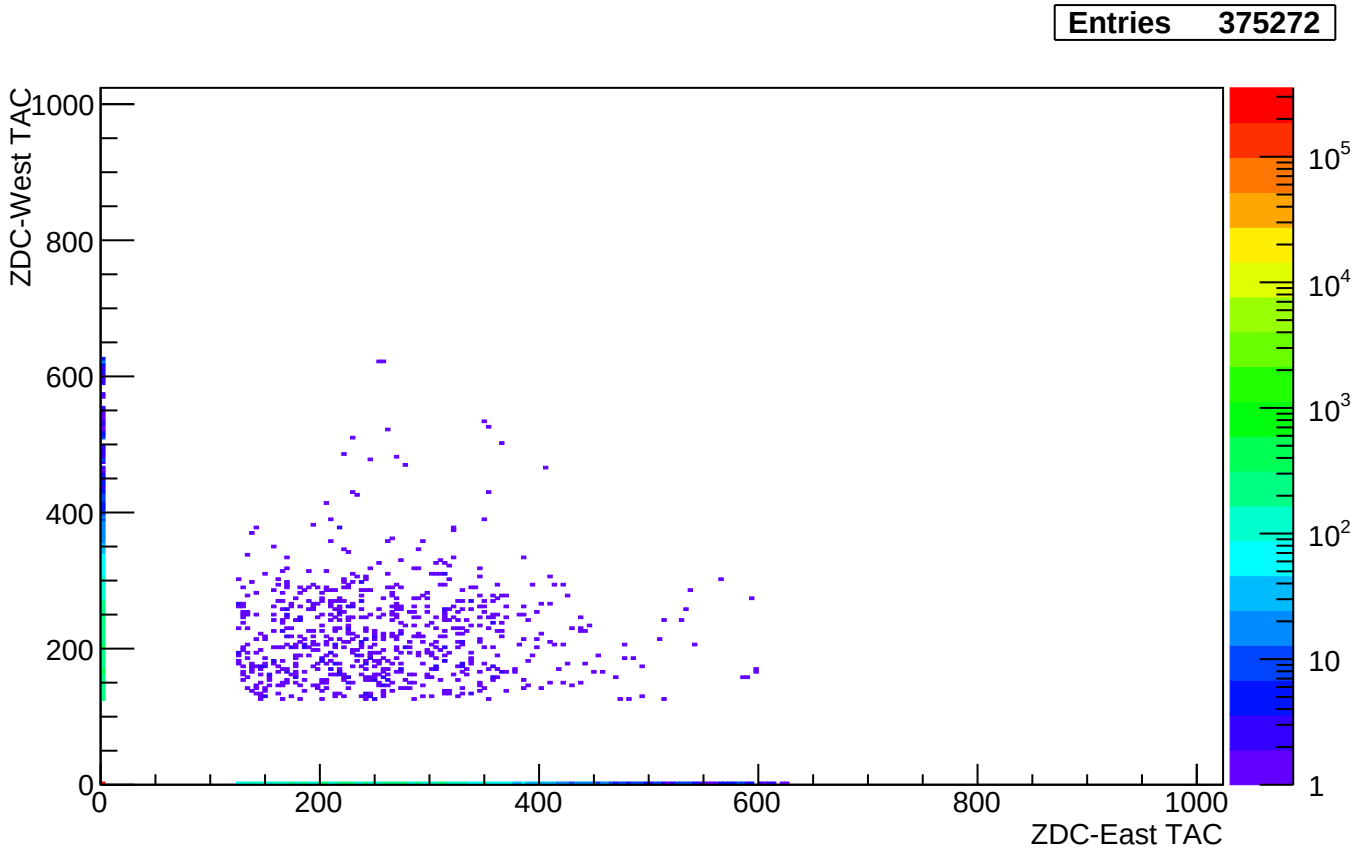

Entries 375272
TOF-Mult
VPD-East ADC Sum

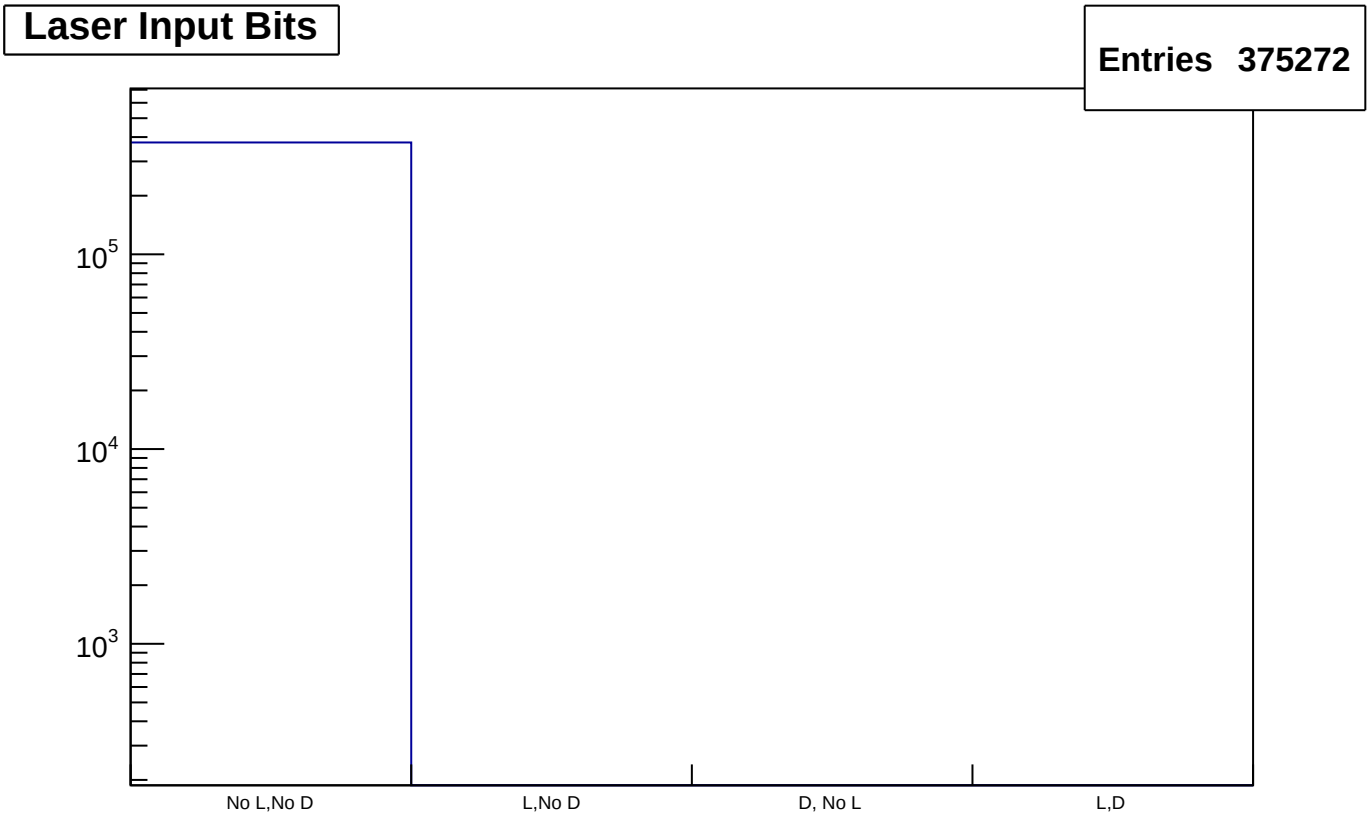

Entries 375272
TOF-Mult
VPD-West ADC Sum

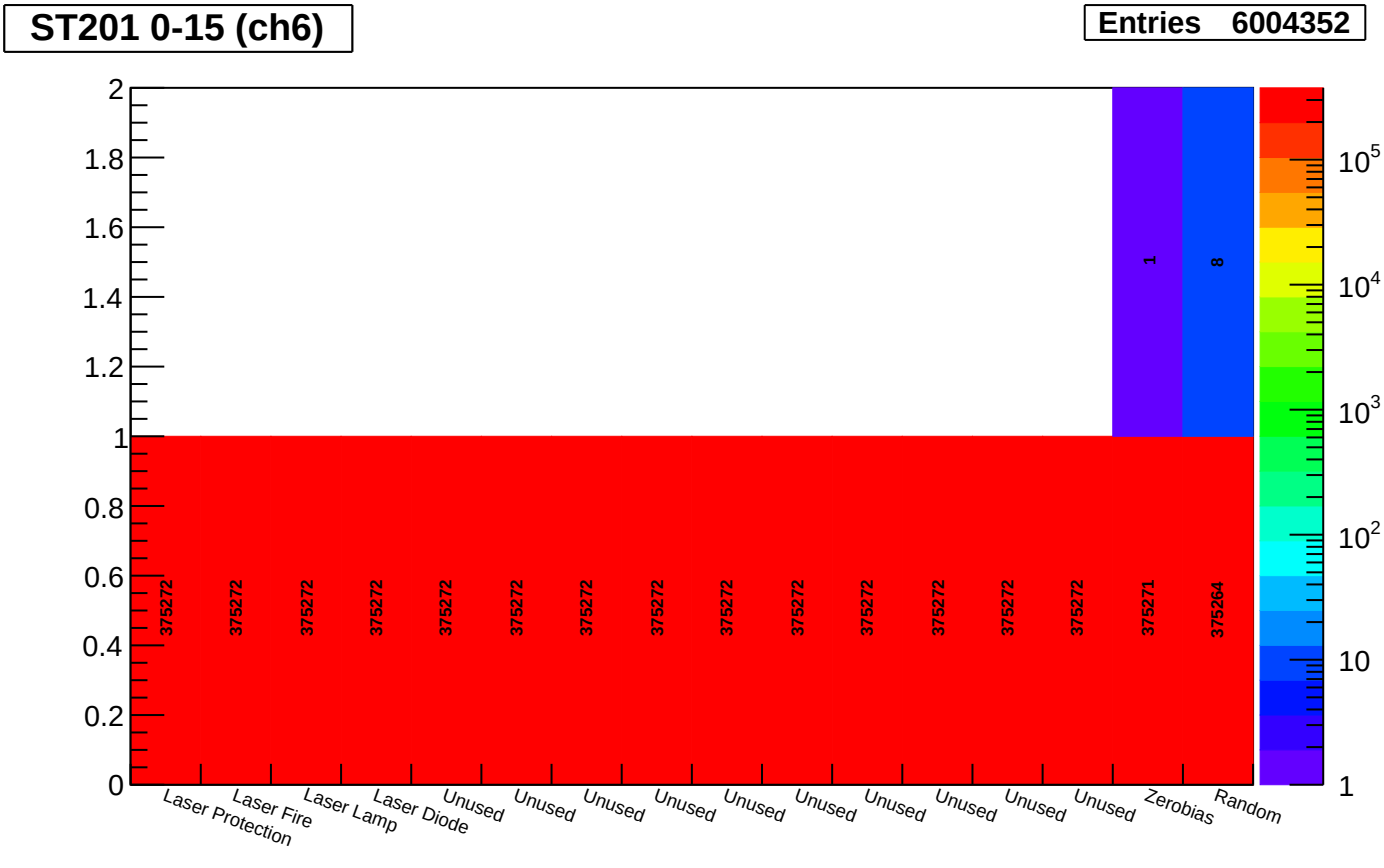

Entries 375272
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

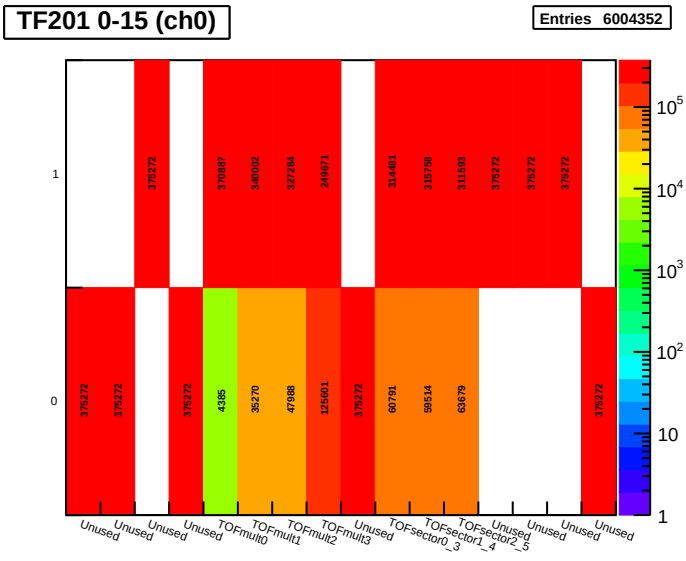

Entries 375272
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

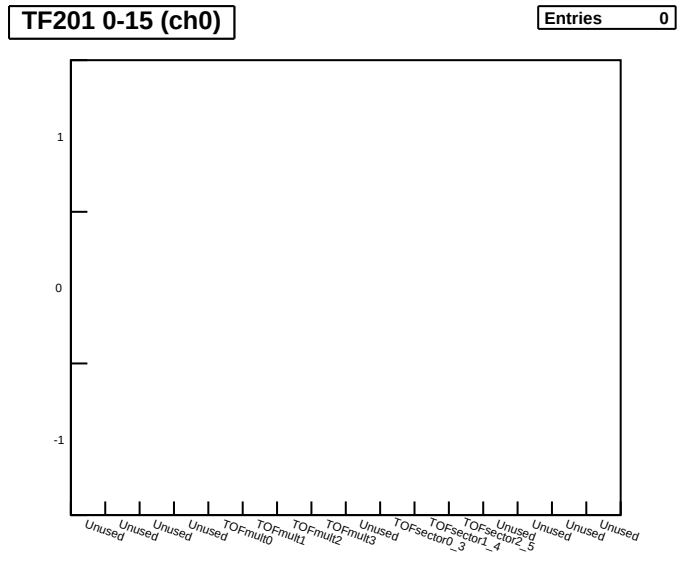

Entries 375272
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

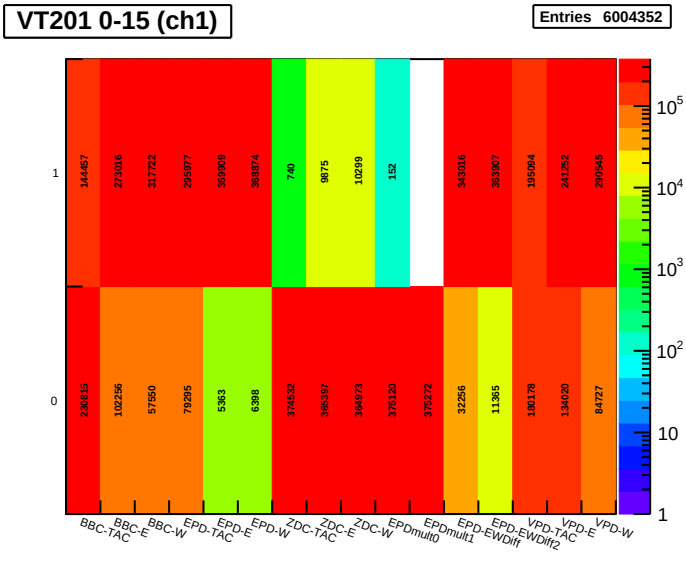

Entries 375272
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

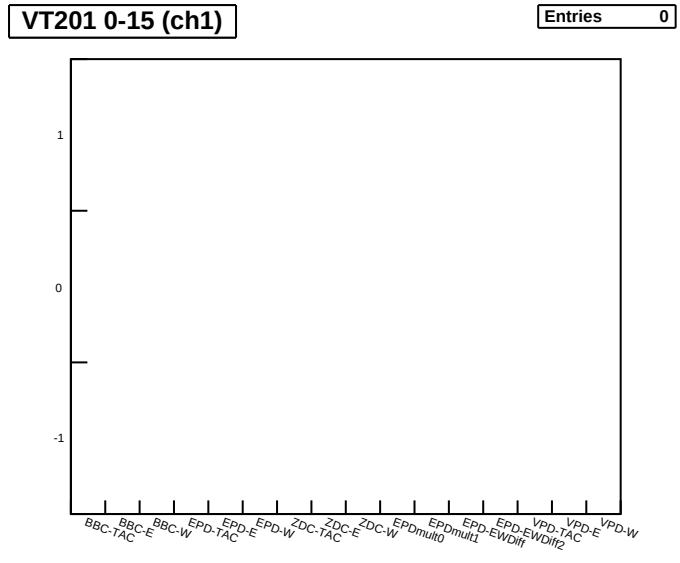

Laser Input Bits
Entries 375272
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

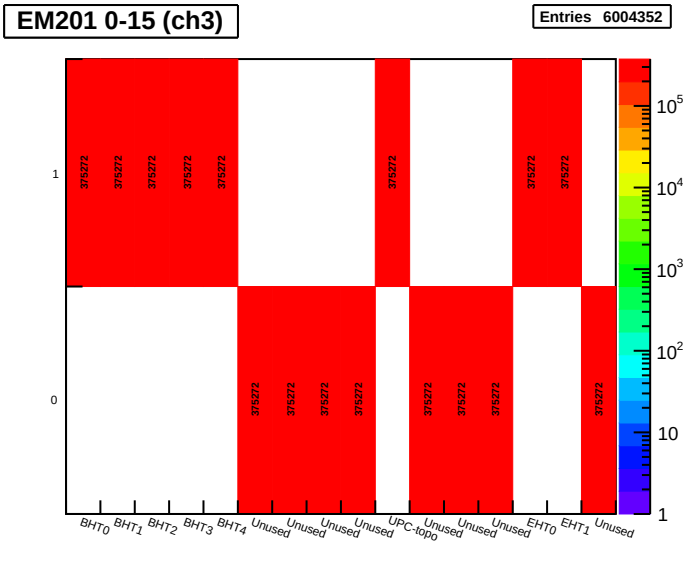

ST201 0-15 (ch6)
Entries 6004352
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
375272
375271
375264
1
8
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

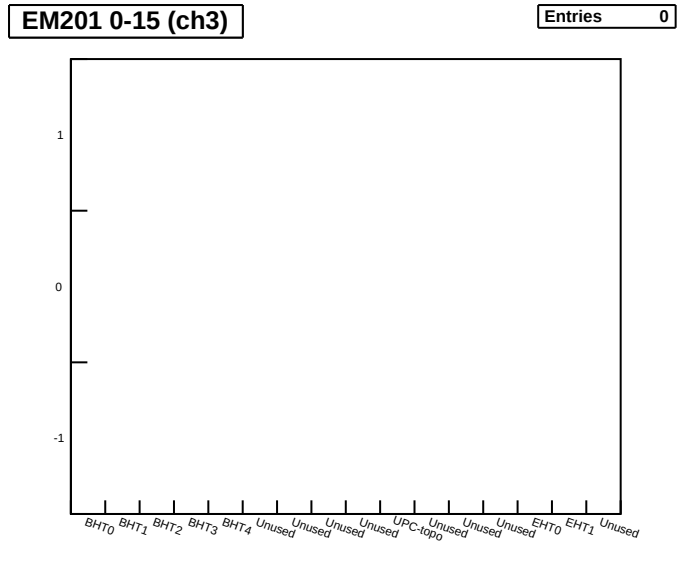

TF201 0-15 (ch0)
Entries 6004352
1
0
375272 370887 340002 327284 249671 314481 315758 311593 375272 375272 375272
375272 375272 375272 4385 35270 47988 125601 375272 60791 59514 63679 375272
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 Unused


VT201 0-15 (ch1)
Entries 6004352
1
0
144457 273016 317722 295977 369909 368874 740 9875 10299 152 343016 363907 195094 241252 290545
230815 102256 57550 79295 5363 6398 374532 365397 364973 375120 375272 32256 11365 180178 134020 84727
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 6004352
1
0
375272 375272 375272 375272 375272 375272 375272 375272
375272 375272 375272 375272 375272 375272 375272 375272
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