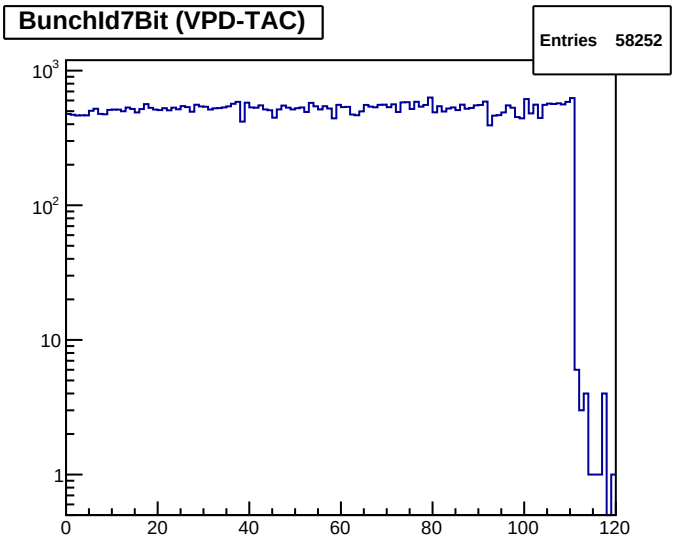
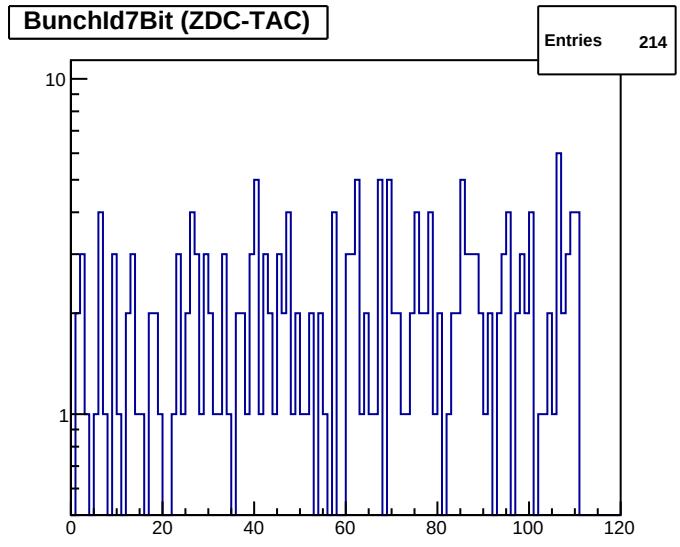
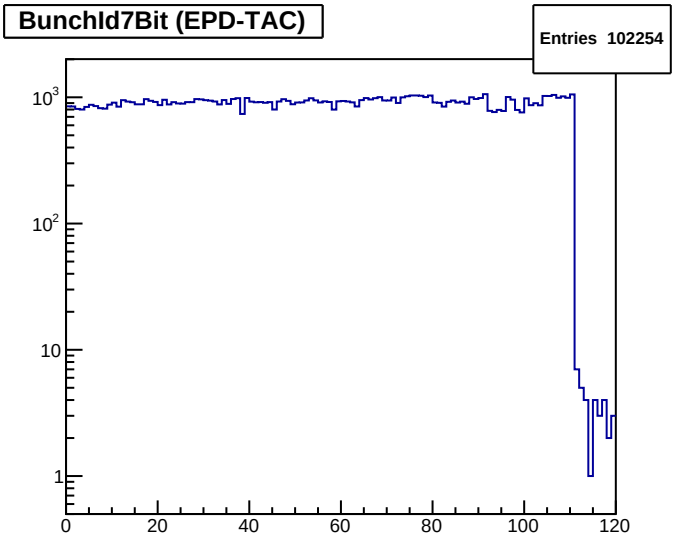
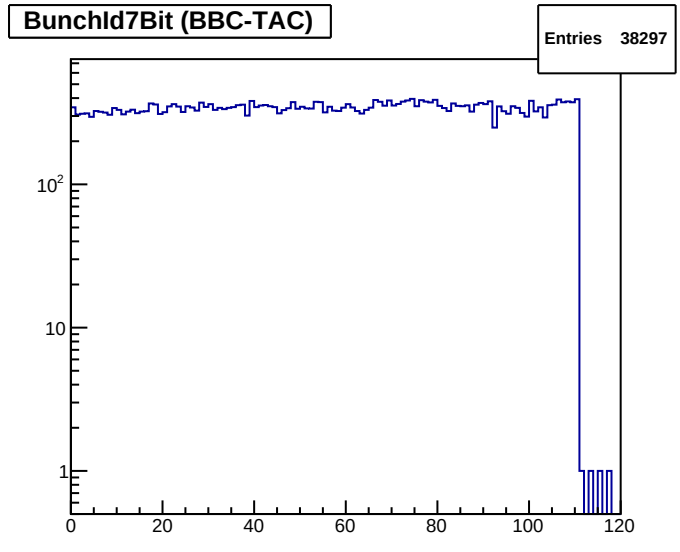
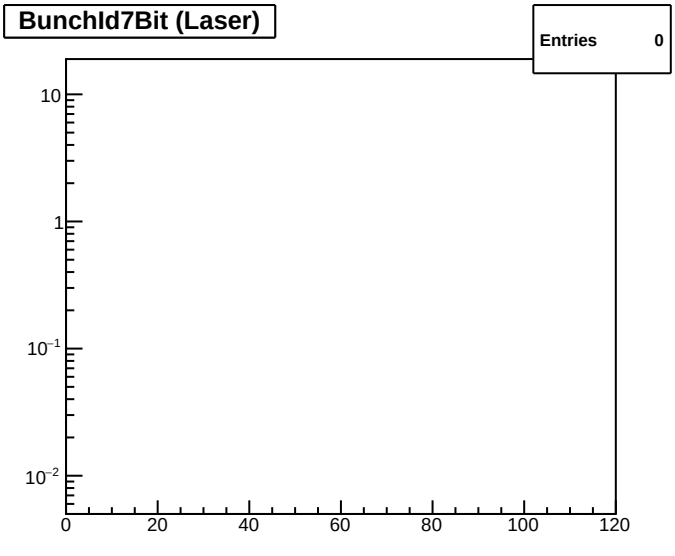
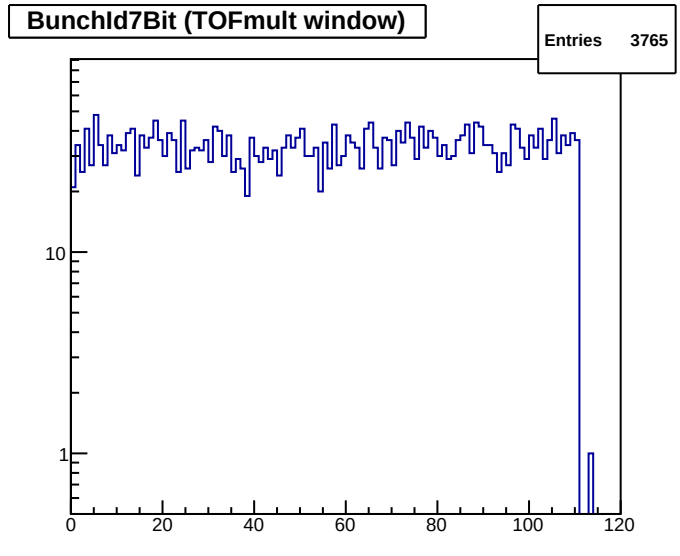

BunchId7Bit (VPD-TAC)
Entries 58252

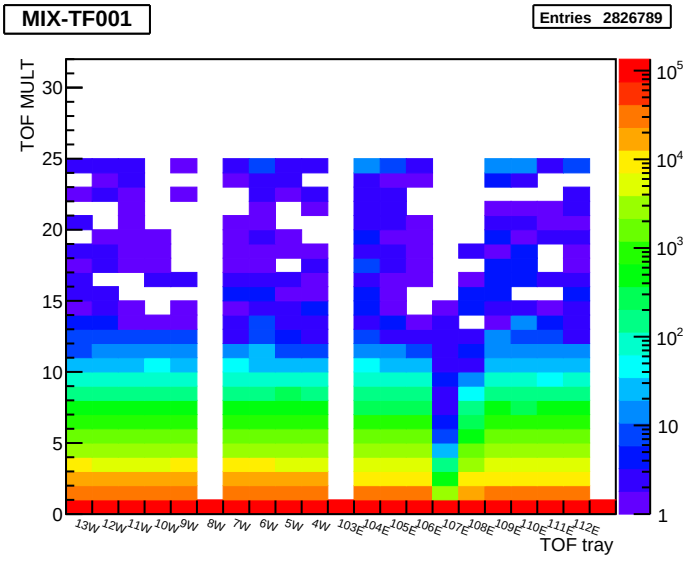

BunchId7Bit (ZDC-TAC)
Entries 214

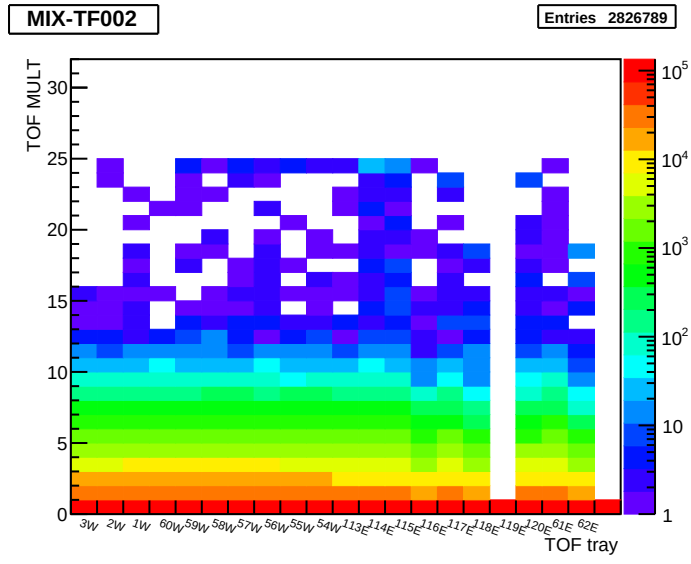

BunchId7Bit (EPD-TAC)
Entries 102254

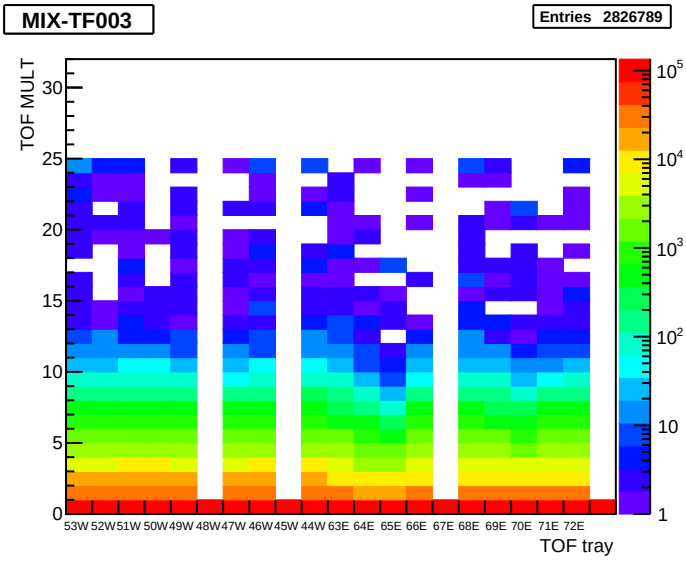

BunchId7Bit (BBC-TAC)
Entries 38297

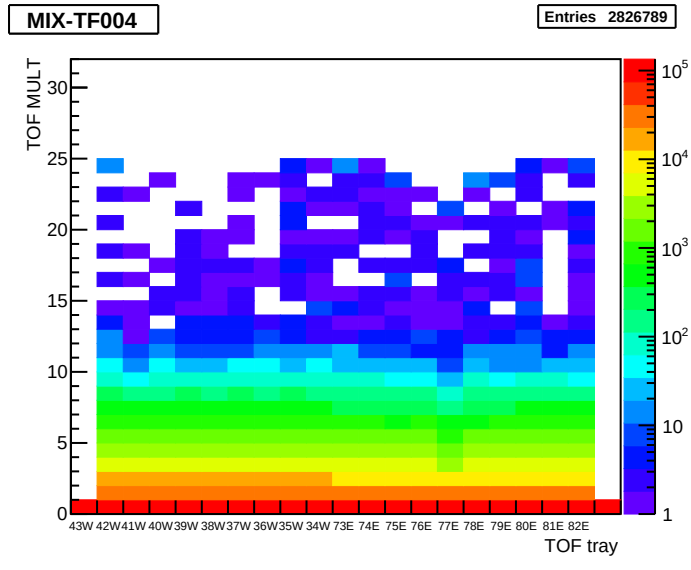

BunchId7Bit (Laser)
Entries 0

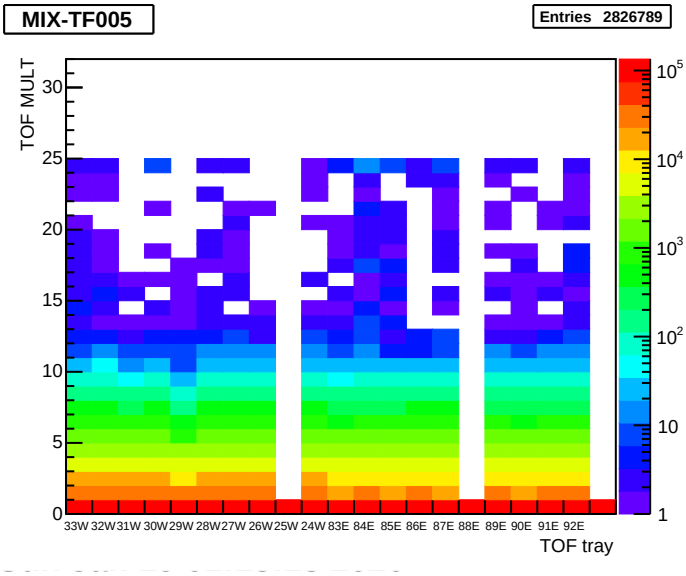

BunchId7Bit (TOFmult window)
Entries 3765

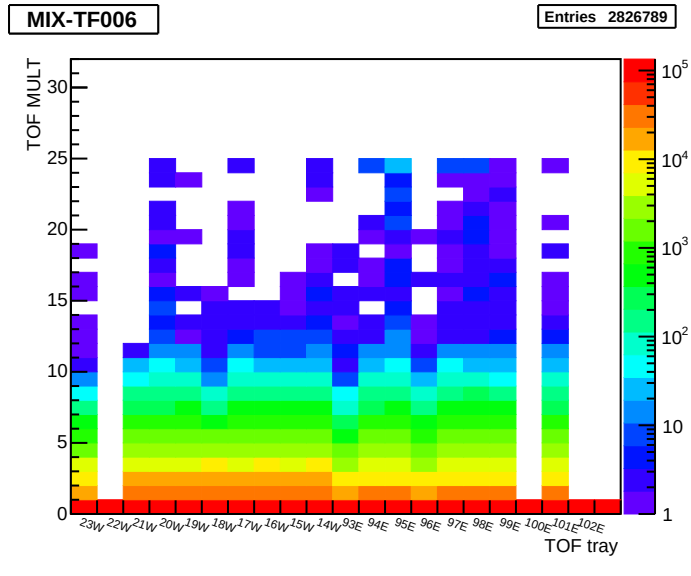

MIX-TF001
Entries 2826789
TOF MULT
TOF tray

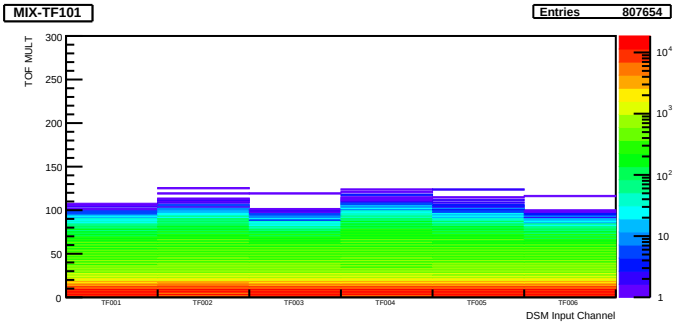

MIX-TF002
Entries 2826789
TOF MULT
TOF tray

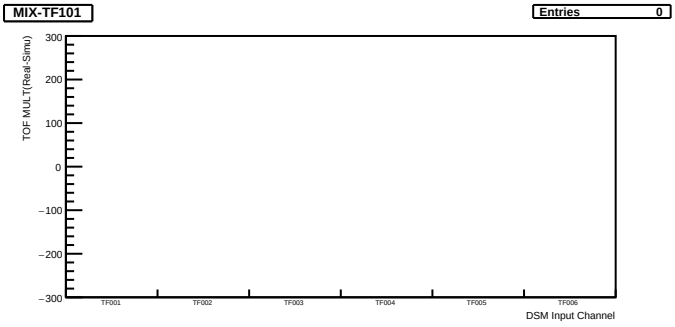

MIX-TF003
Entries 2826789
TOF MULT
TOF tray

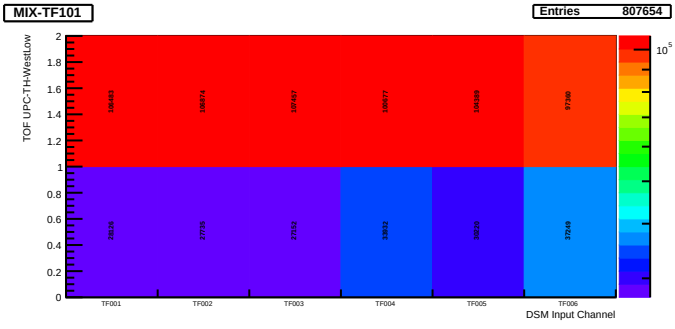

MIX-TF004
Entries 2826789
TOF MULT
TOF tray

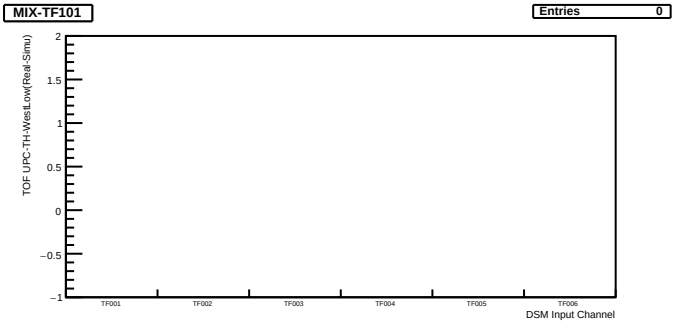

MIX-TF005
Entries 2826789
TOF MULT
TOF tray

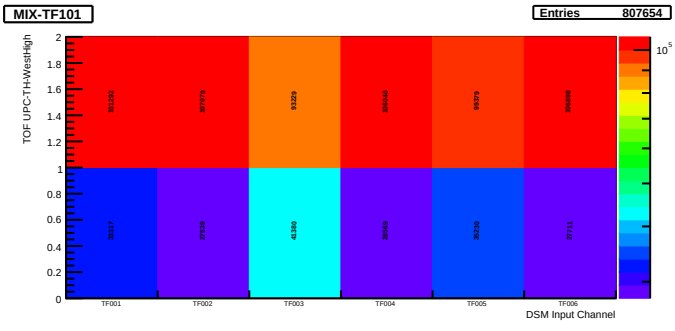

MIX-TF006
Entries 2826789
TOF MULT
TOF tray

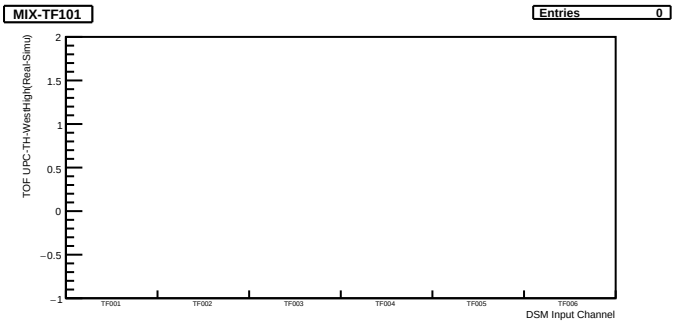

MIX-TF101
Entries 807654
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

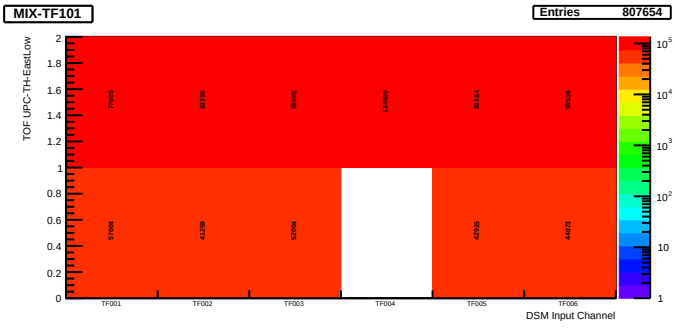

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

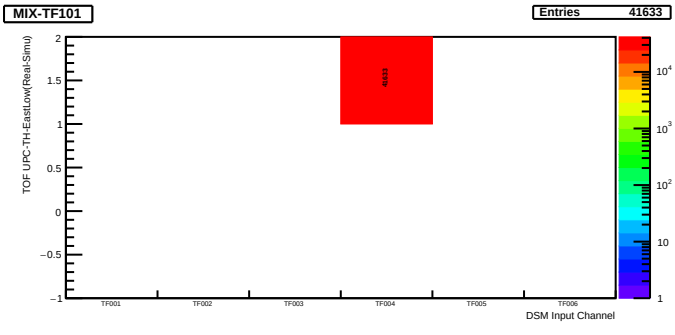

MIX-TF101
Entries 807654
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

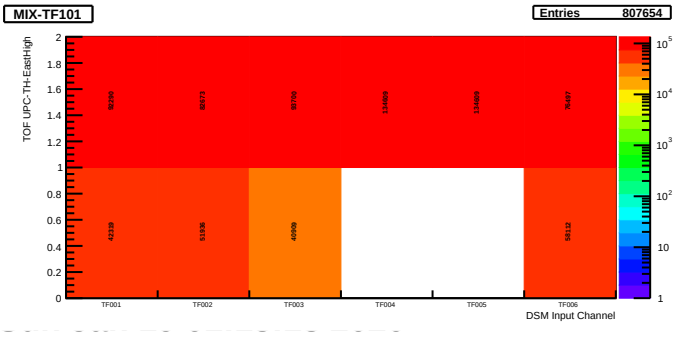

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

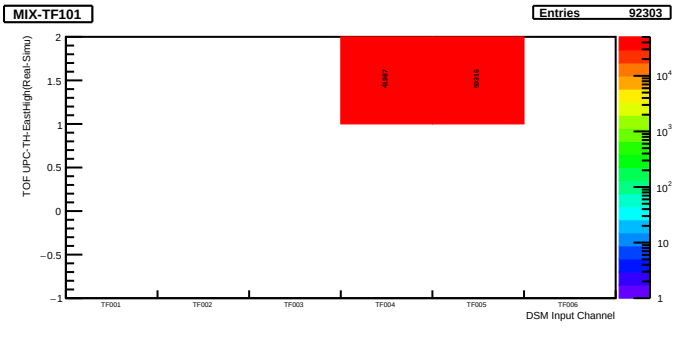

MIX-TF101
Entries 807654
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

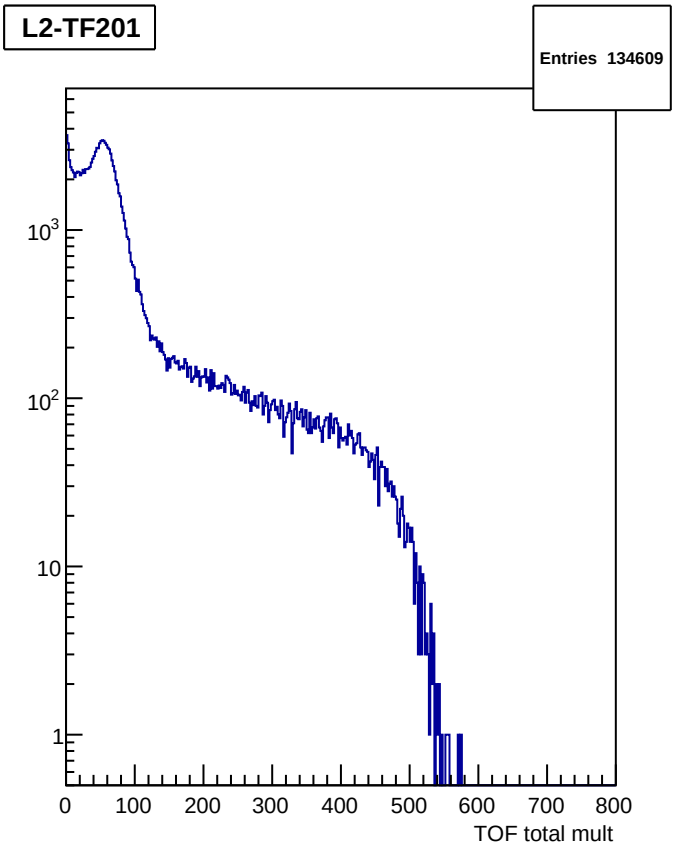

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

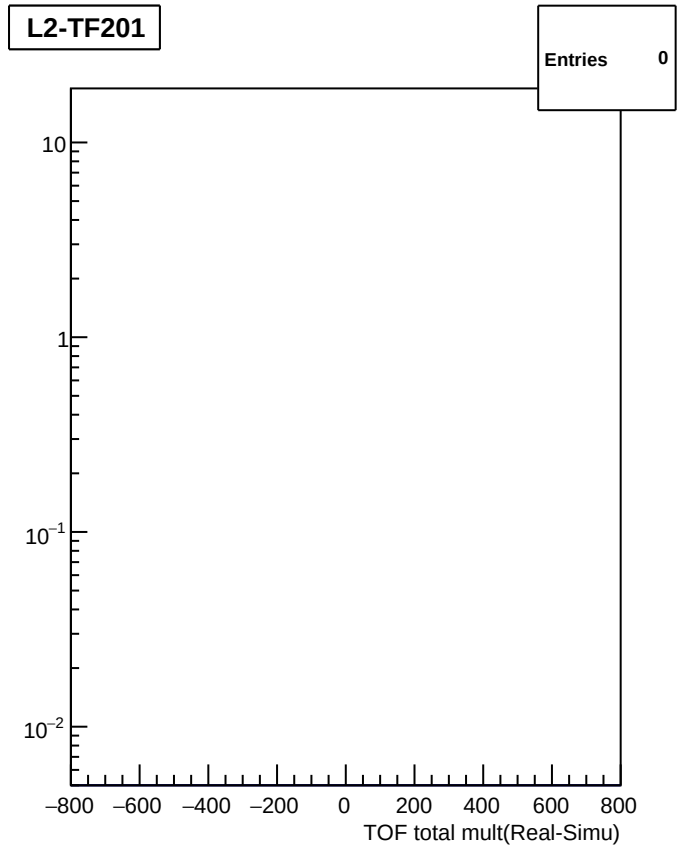

MIX-TF101
Entries 807654
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

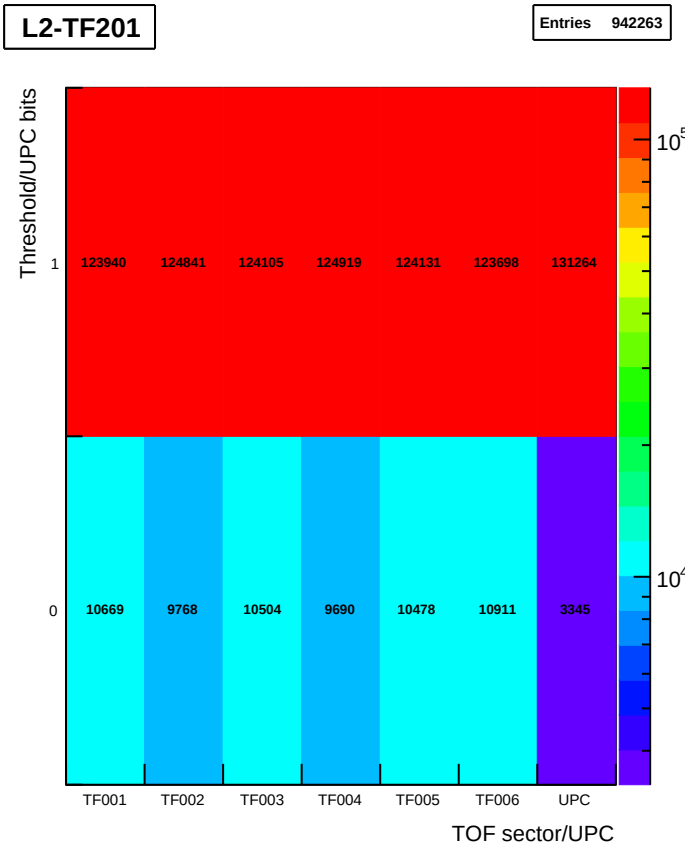

MIX-TF101
Entries 41633
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

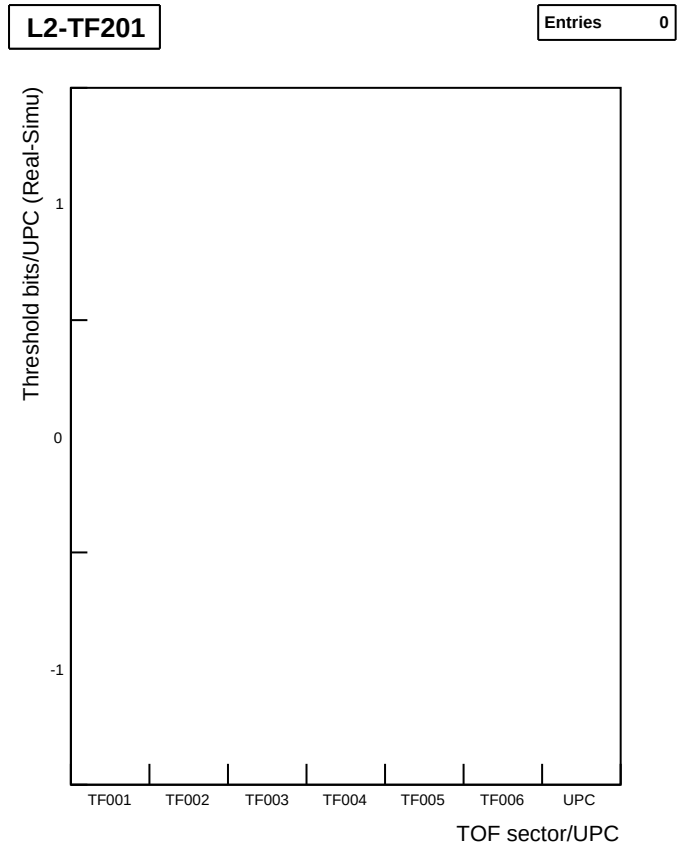

MIX-TF101
Entries 807654
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

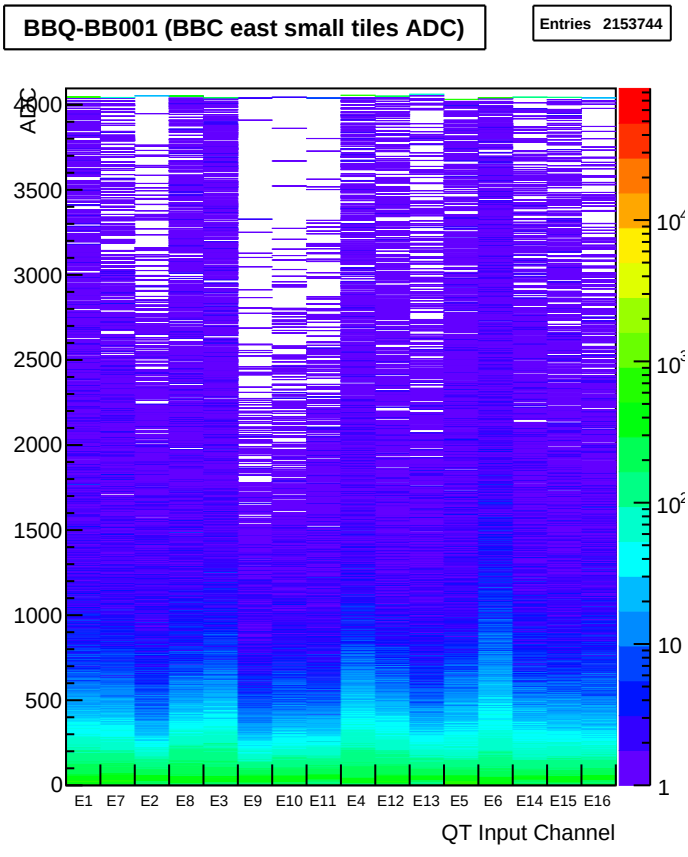

MIX-TF101
Entries 92303
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

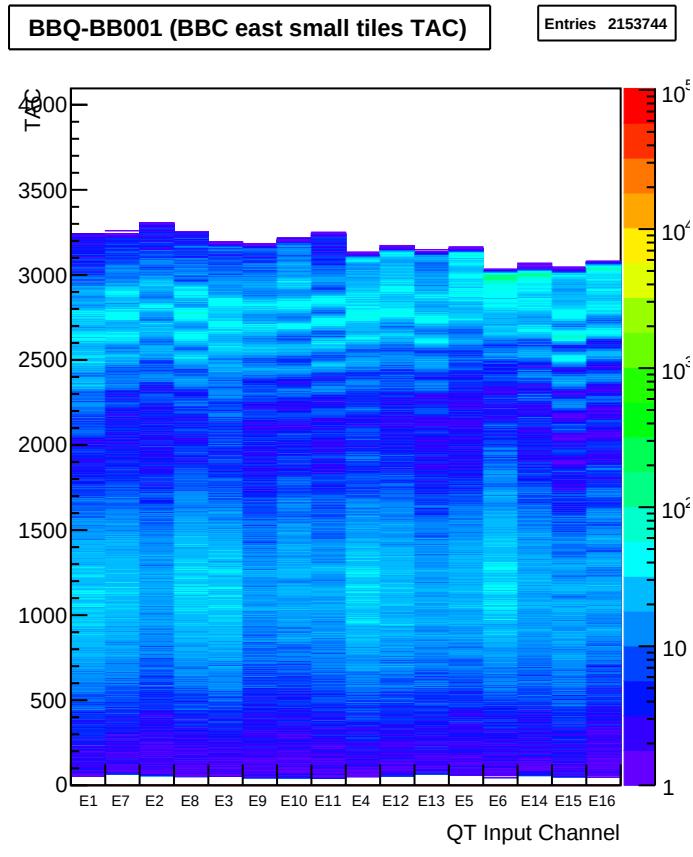

L2-TF201
Entries 134609
TOF total mult

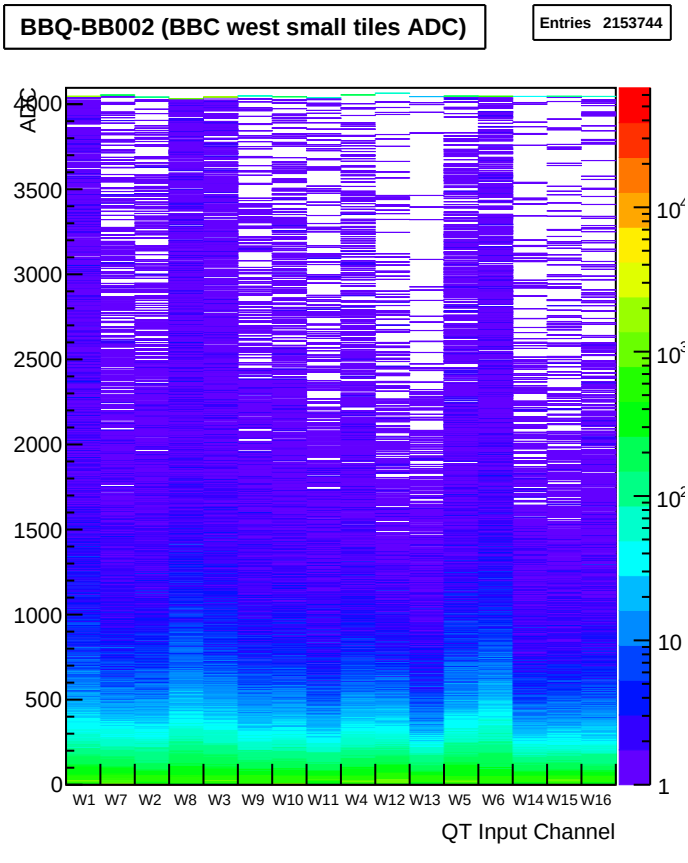

L2-TF201
Entries 0
TOF total mult(Real-Simu)

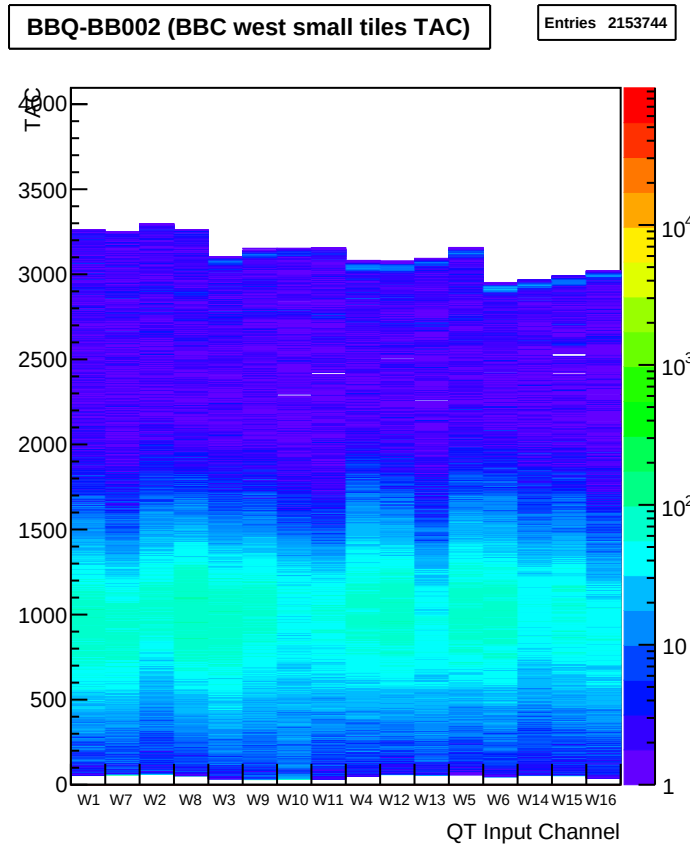

L2-TF201
Entries 942263
Threshold/UPC bits
123940
124841
124105
124919
124131
123698
131264
10669
9768
10504
9690
10478
10911
3345
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

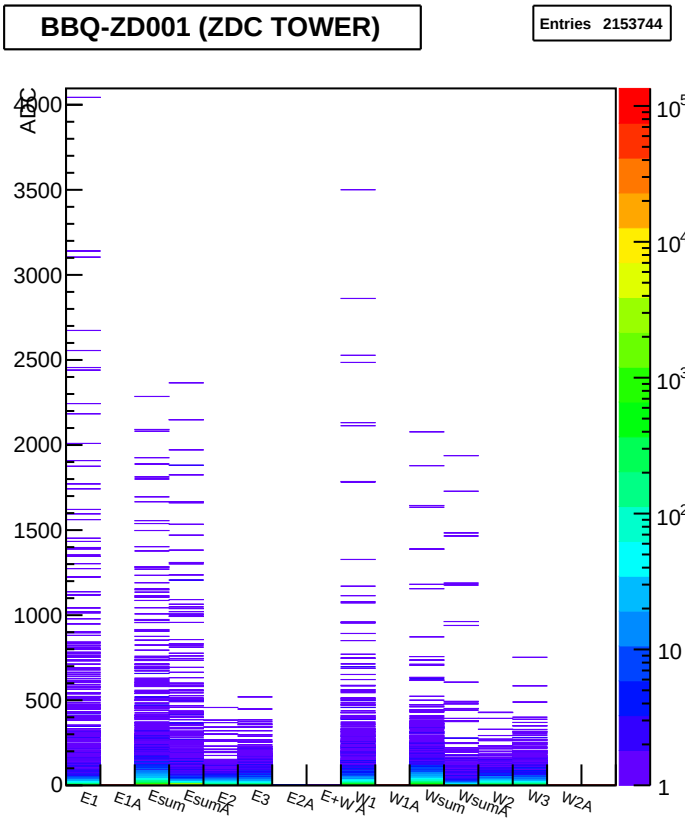

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

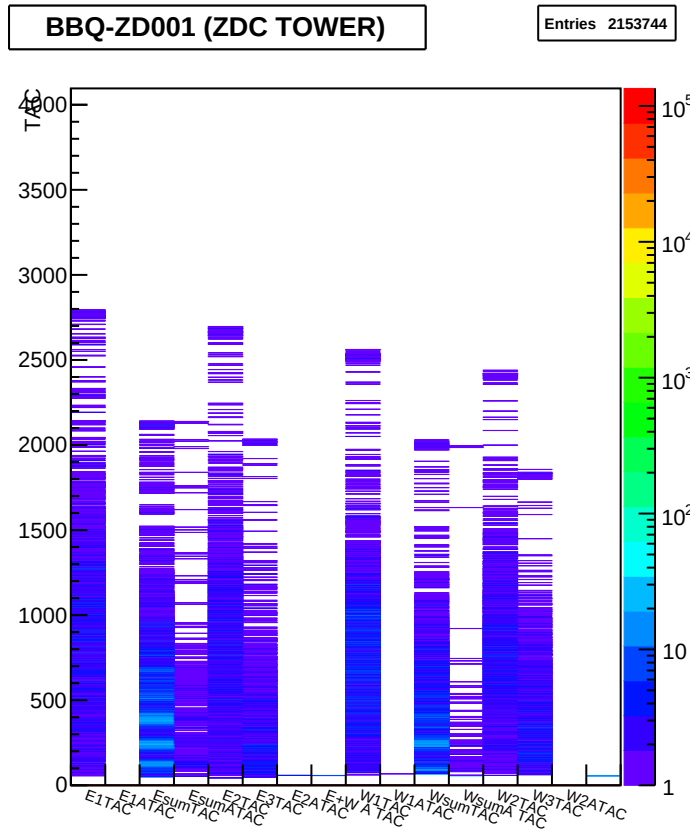

BBQ-BB001 (BBC east small tiles ADC)
Entries 2153744
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

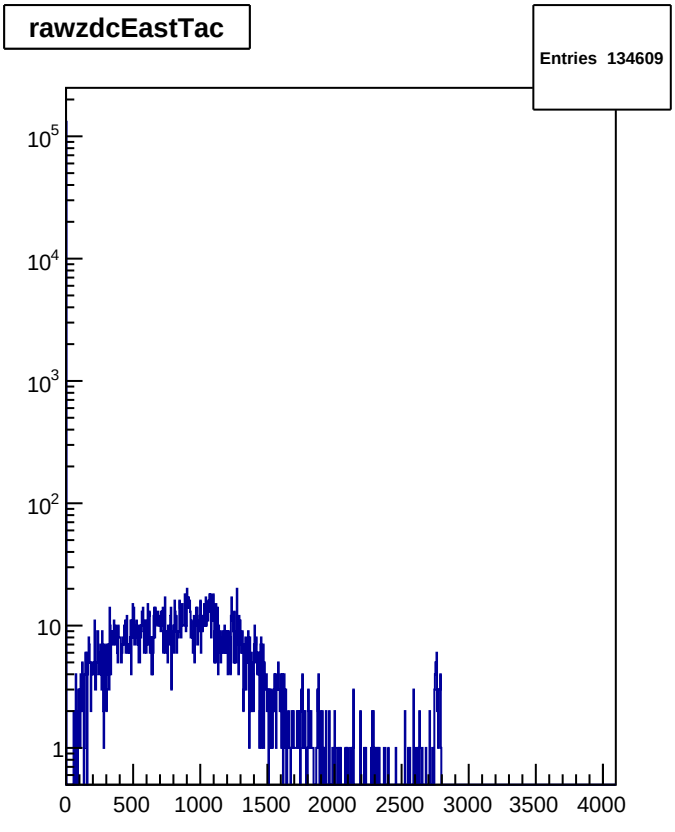

BBQ-BB001 (BBC east small tiles TAC)
Entries 2153744
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

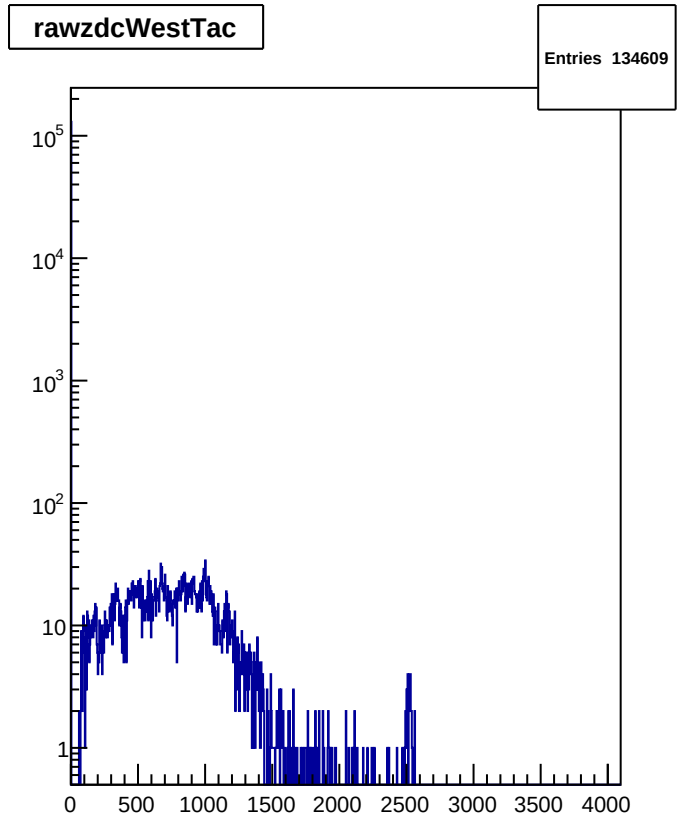

BBQ-BB002 (BBC west small tiles ADC)
Entries 2153744
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

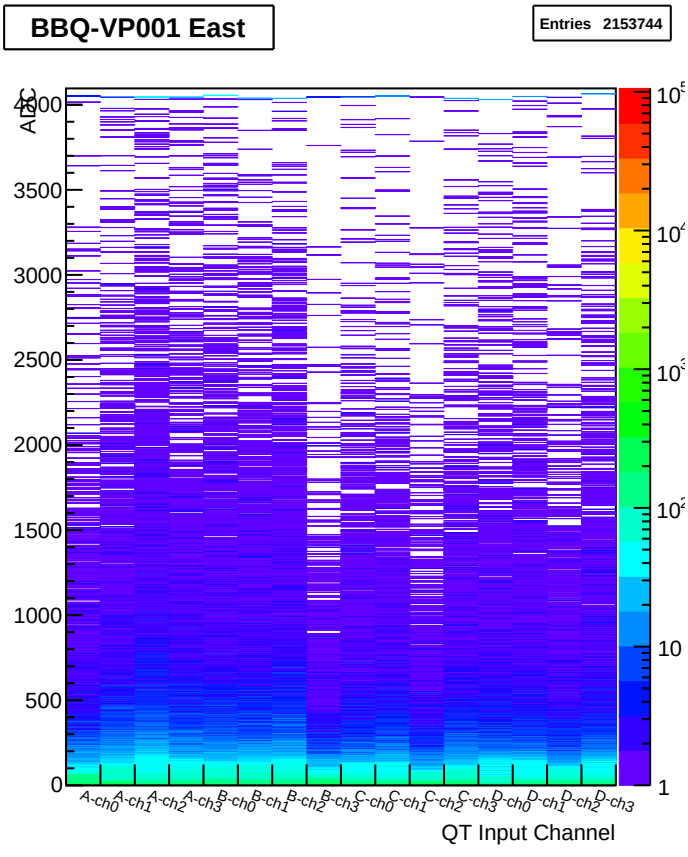

BBQ-BB002 (BBC west small tiles TAC)
Entries 2153744
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

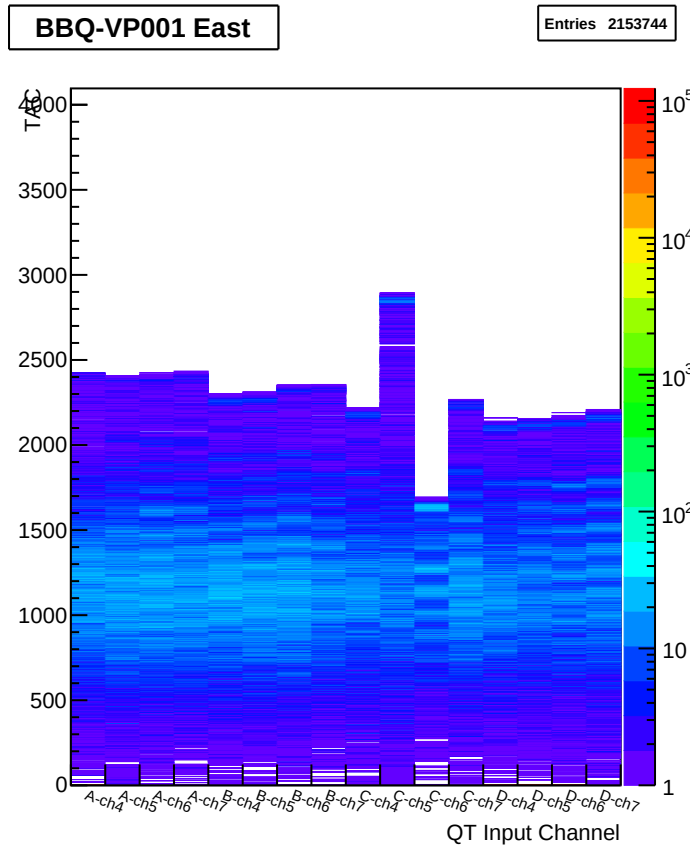

BBQ-ZD001 (ZDC TOWER)
Entries 2153744
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W A
W1
W1A
Wsum
WsumA
W2
W3
W2A

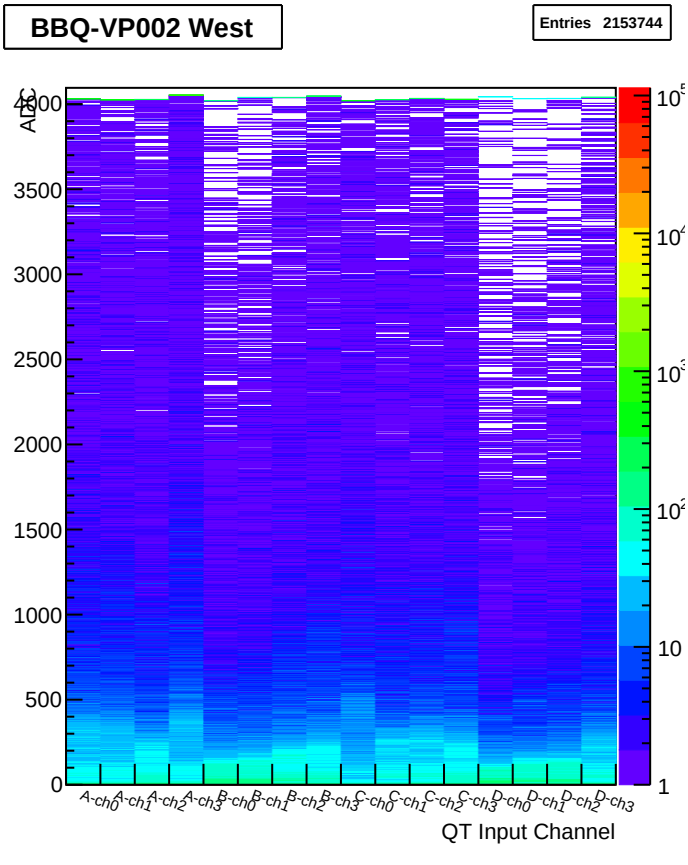

BBQ-ZD001 (ZDC TOWER)
Entries 2153744
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

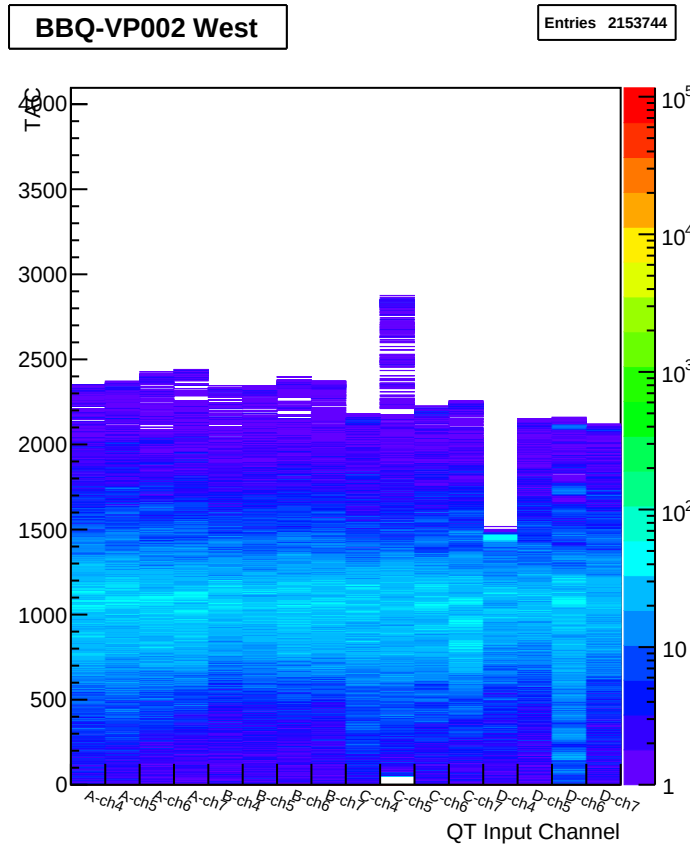

rawzdcEastTac
Entries 134609

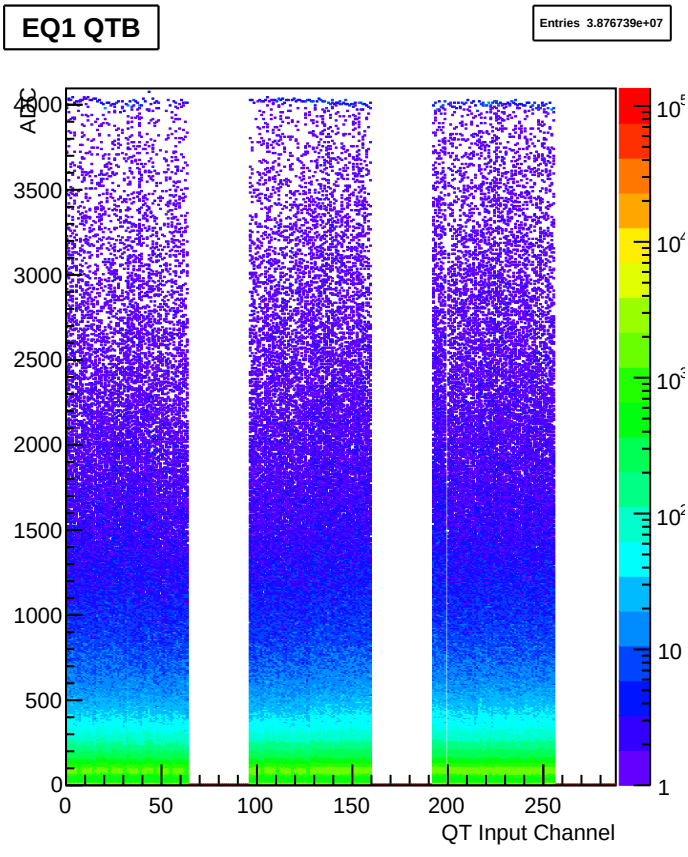

rawzdcWestTac
Entries 134609

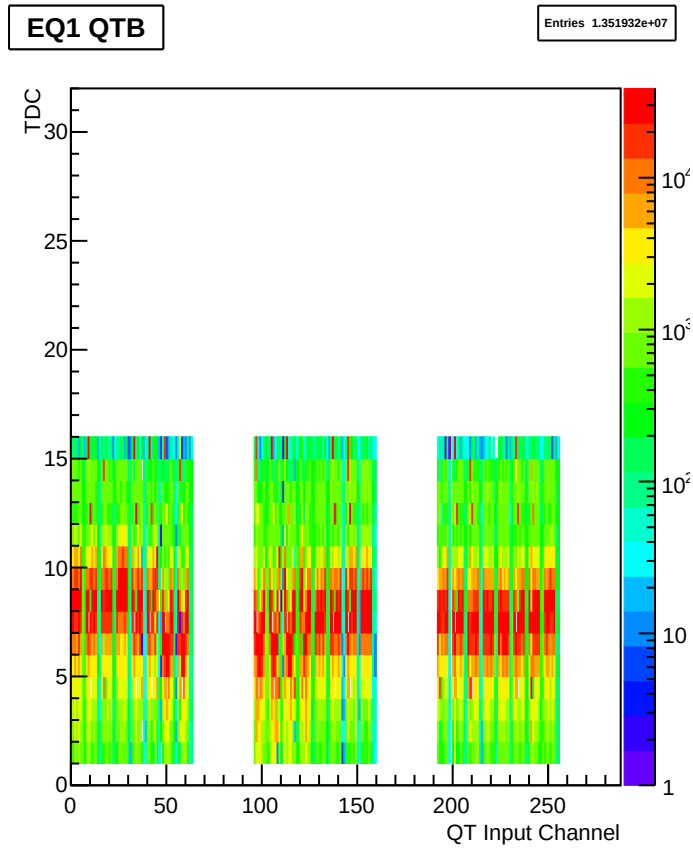

BBQ-VP001 East
Entries 2153744
ADC
QT Input Channel

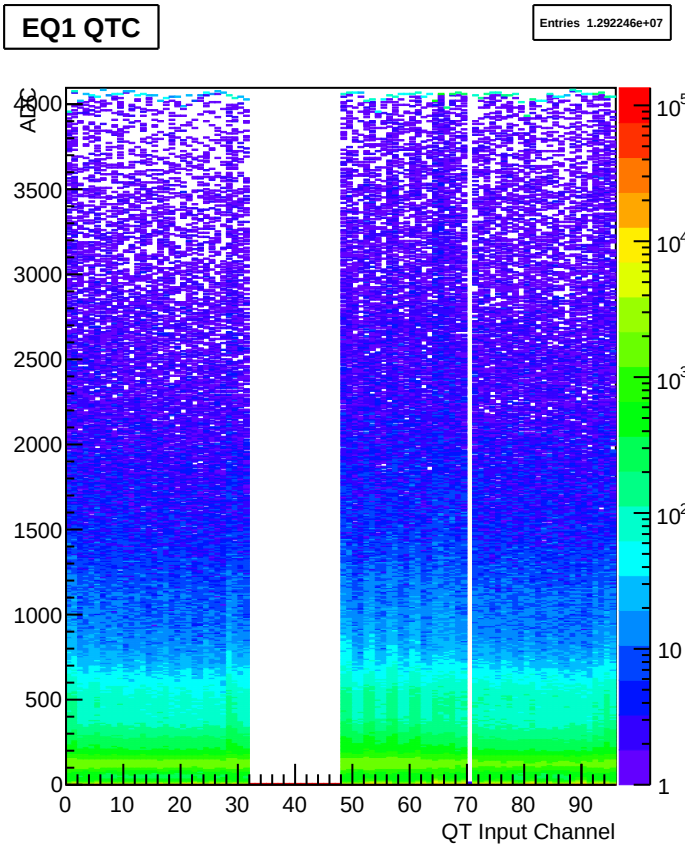

BBQ-VP001 East
Entries 2153744
TAC
QT Input Channel

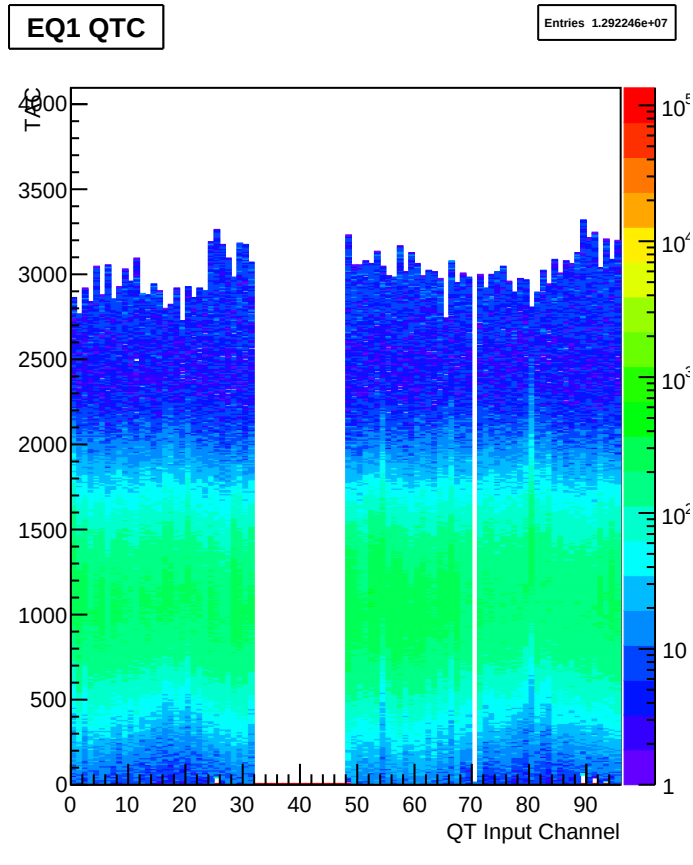

BBQ-VP002 West
Entries 2153744
ADC
QT Input Channel

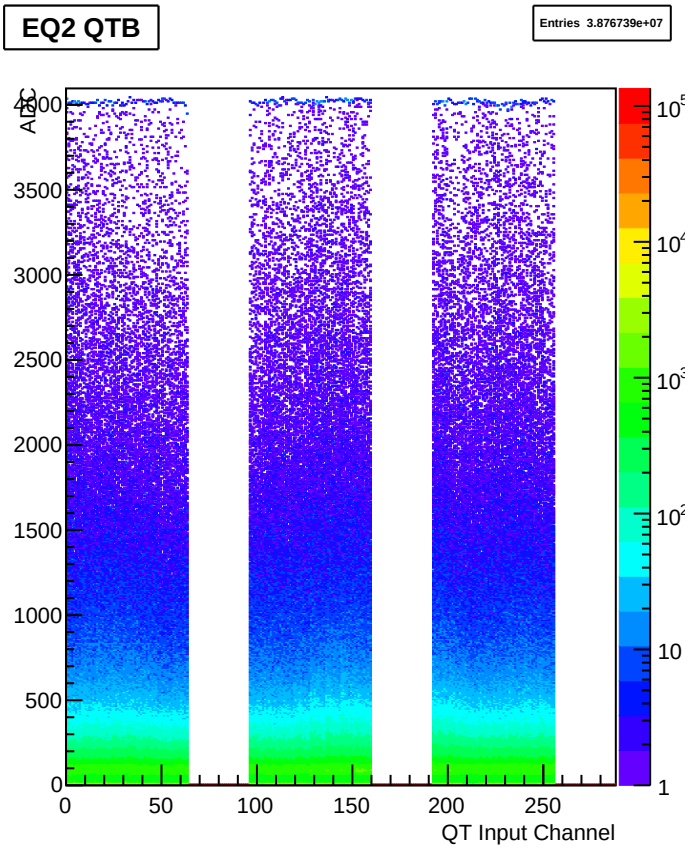

BBQ-VP002 West
Entries 2153744
TAC
QT Input Channel

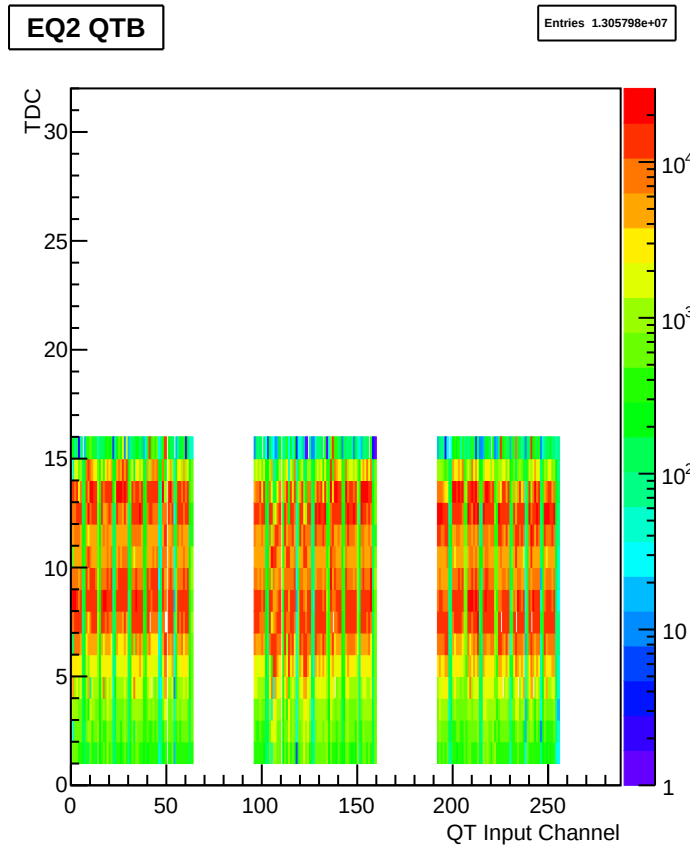

EQ1 QTB
Entries 3.876739e+07
ADC
QT Input Channel

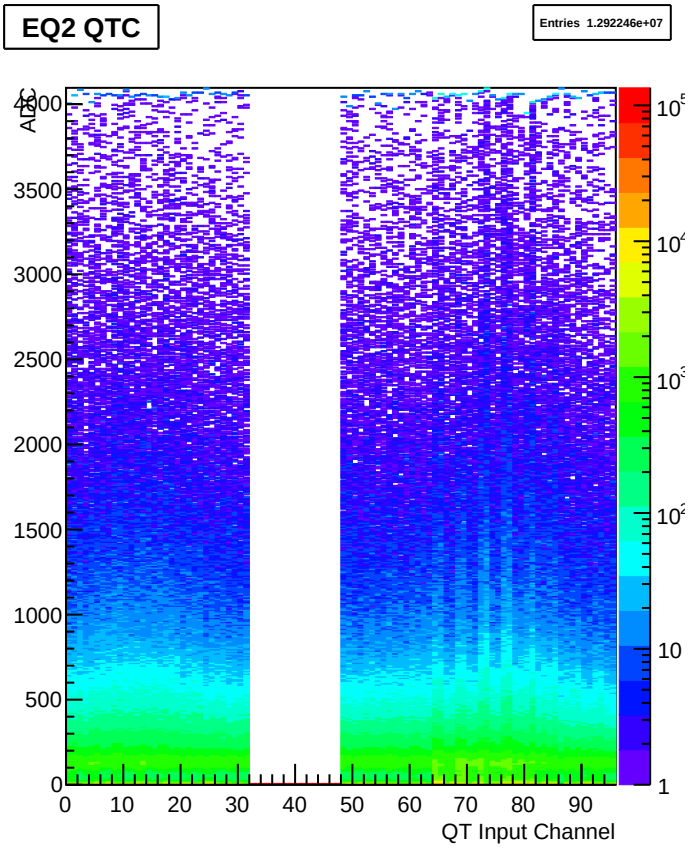

EQ1 QTB
Entries 1.351932e+07
TDC
QT Input Channel

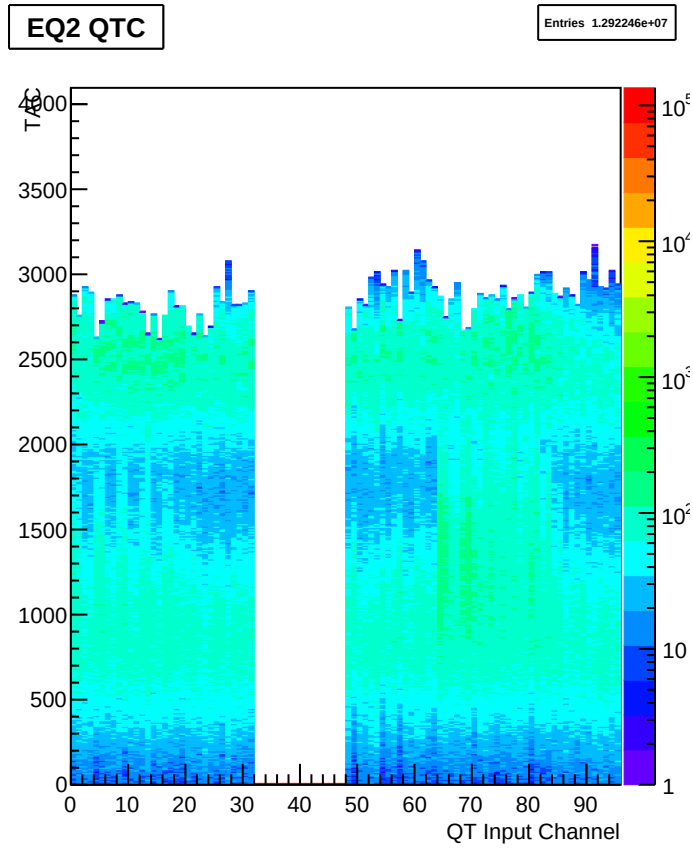

EQ1 QTC
Entries 1.292246e+07
ADC
QT Input Channel

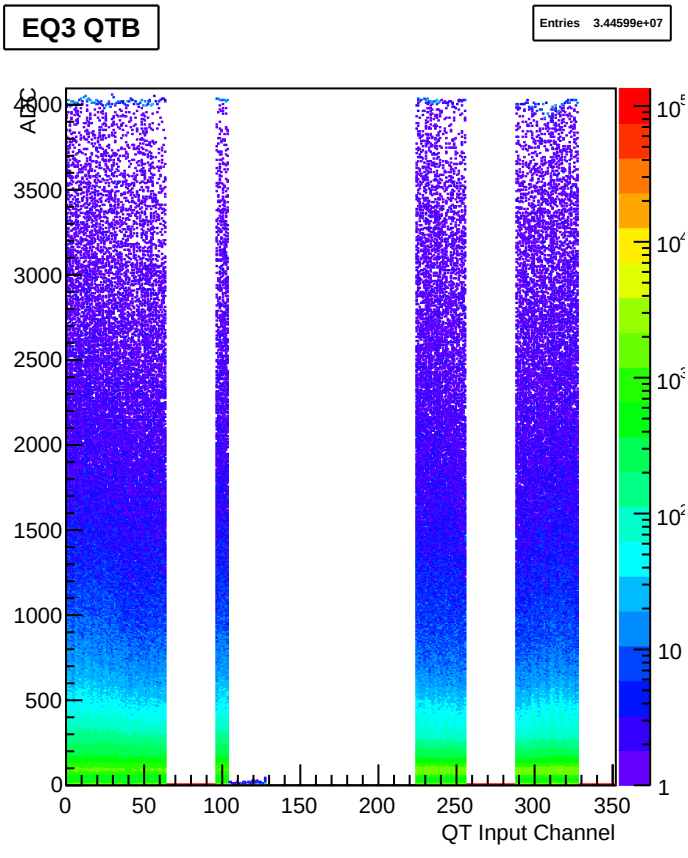

EQ1 QTC
Entries 1.292246e+07
TADC
QT Input Channel

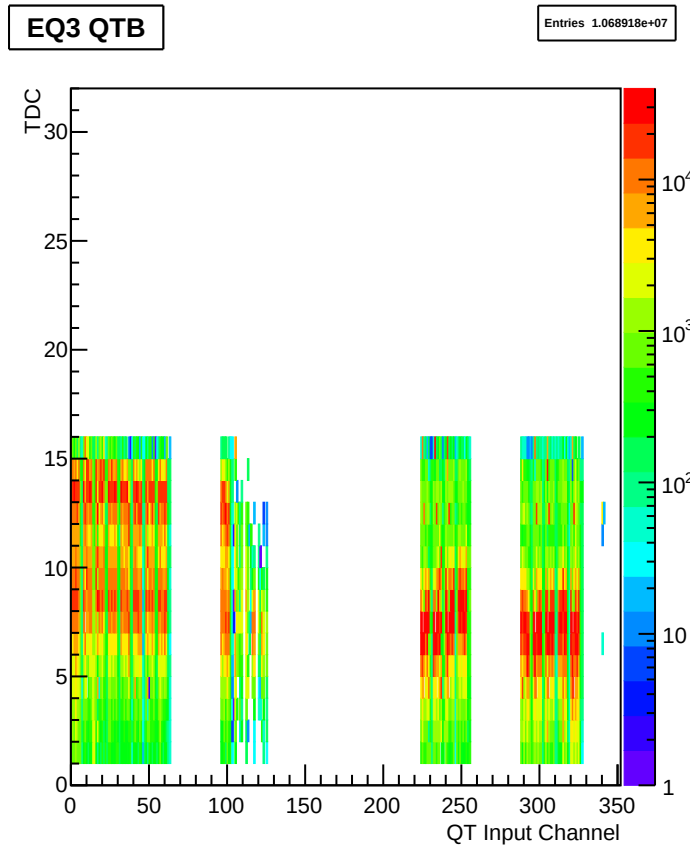

EQ2 QTB
Entries 3.876739e+07
ADC
QT Input Channel

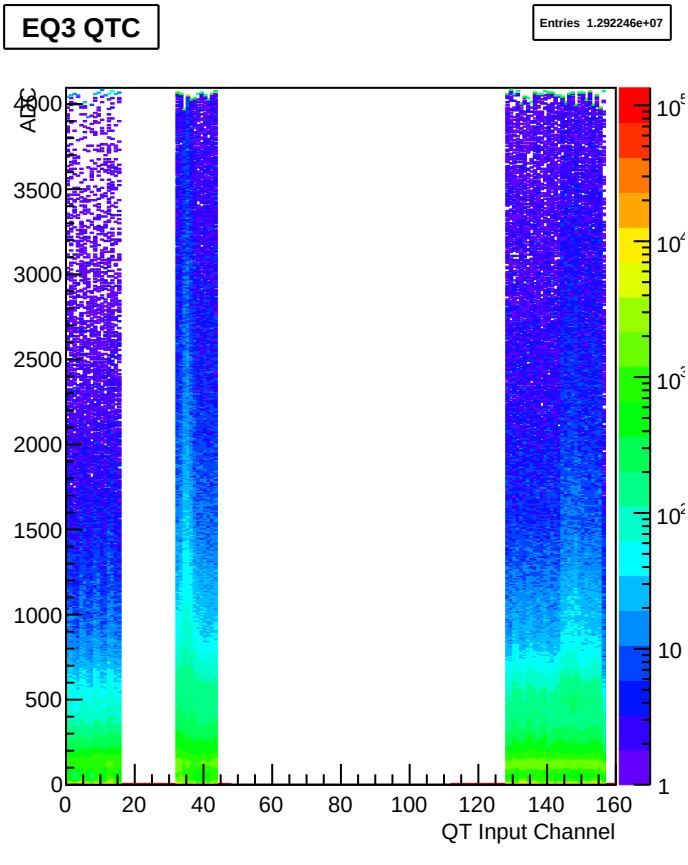

EQ2 QTB
Entries 1.305798e+07
TDC
QT Input Channel

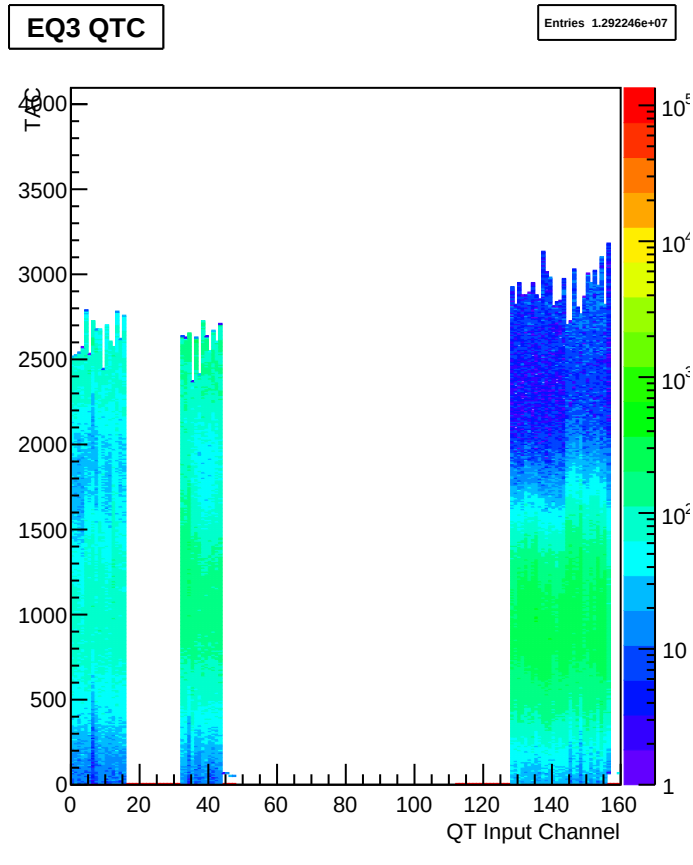

EQ2 QTC
Entries 1.292246e+07
ADC
QT Input Channel

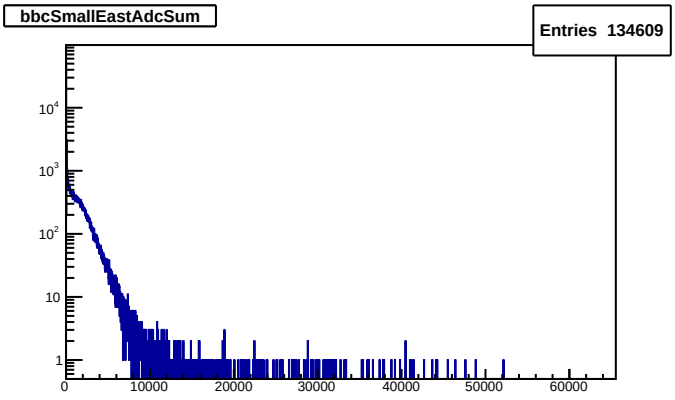

EQ2 QTC
Entries 1.292246e+07
TADC
QT Input Channel

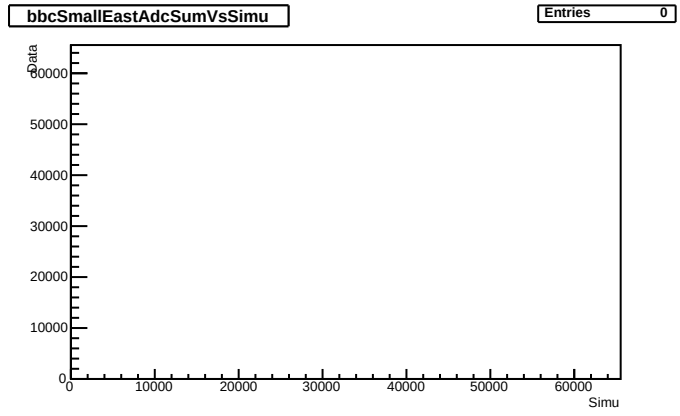

EQ3 QTB
Entries 3.44599e+07
ADC
QT Input Channel

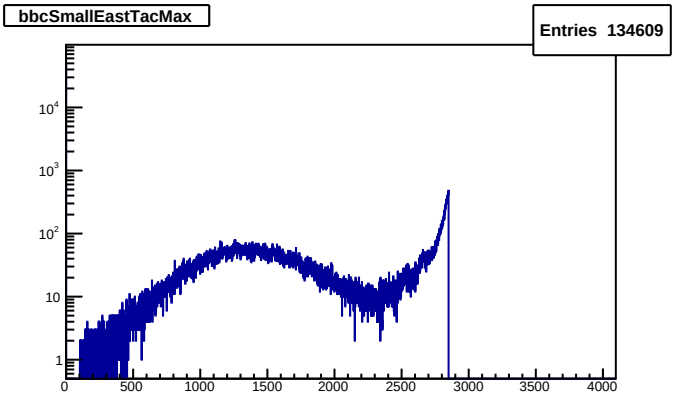

EQ3 QTB
Entries 1.068918e+07
TDC
QT Input Channel

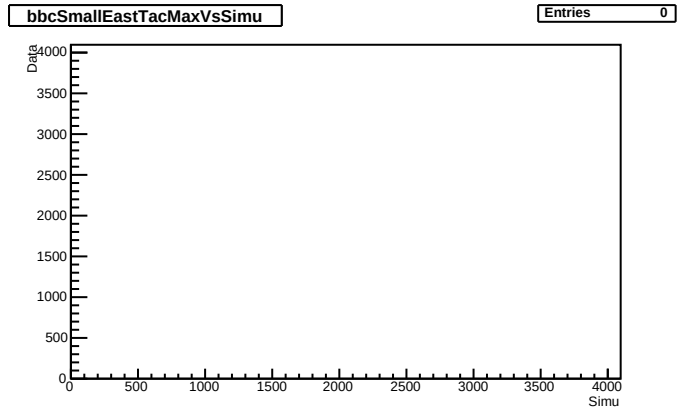

EQ3 QTC
Entries 1.292246e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.292246e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 134609


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 134609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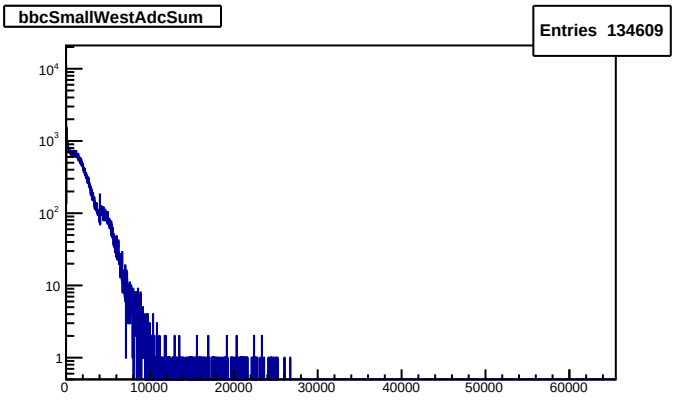
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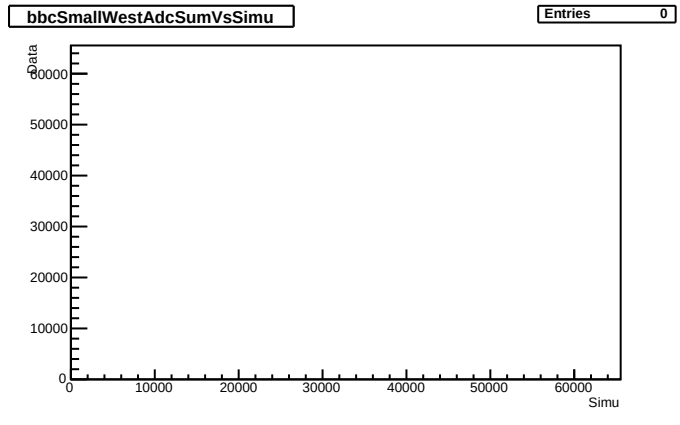
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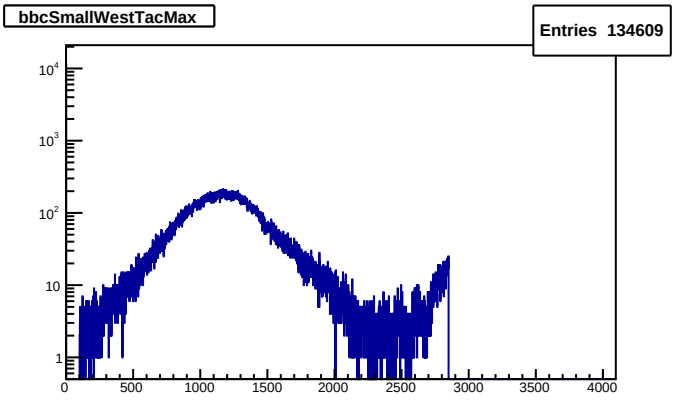
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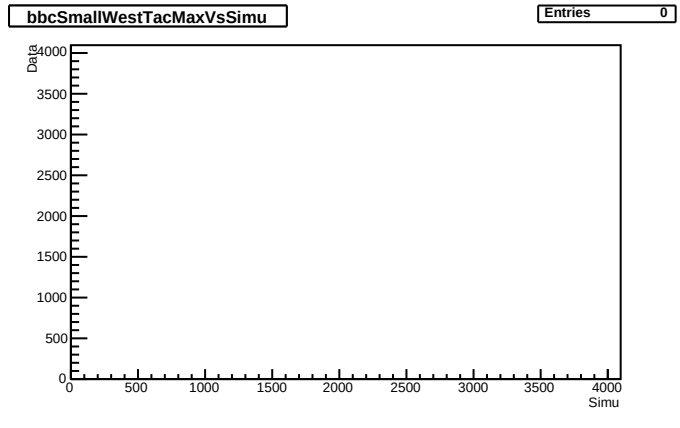
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Entries 0
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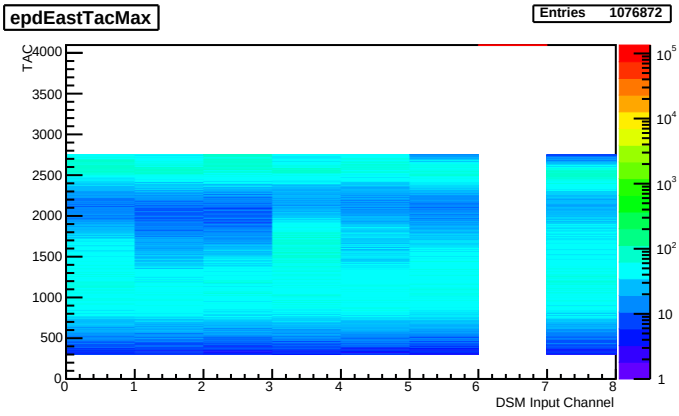
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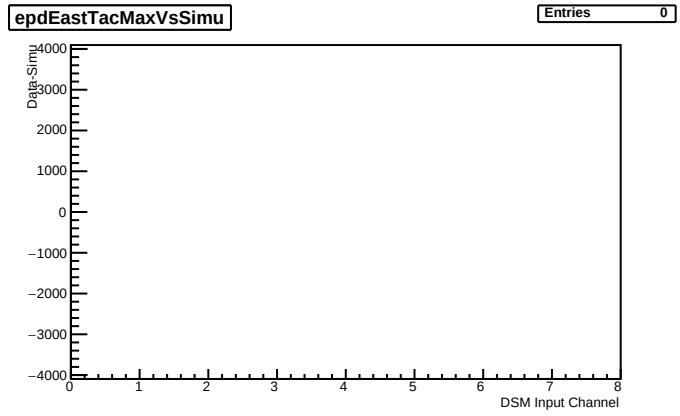
Entries 1076872
TAC
DSM Input Channel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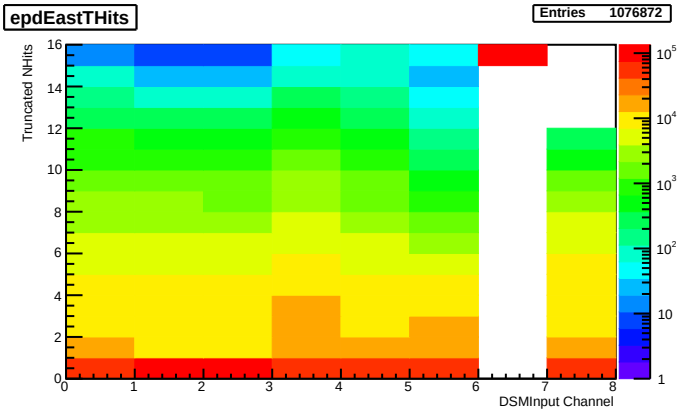
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Entries 1076872
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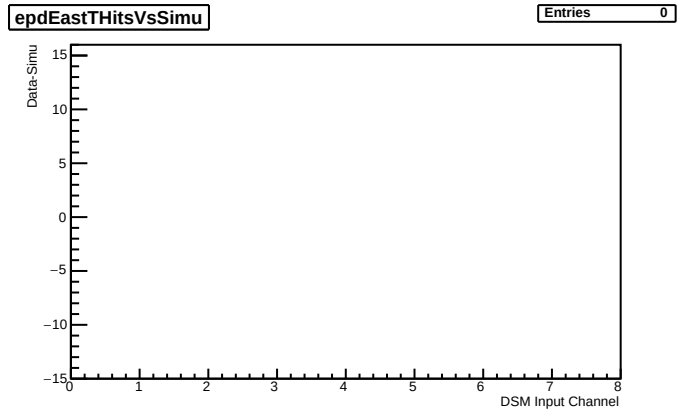
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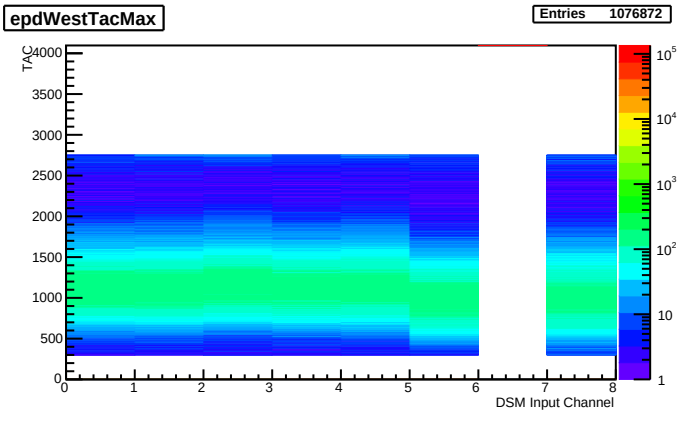
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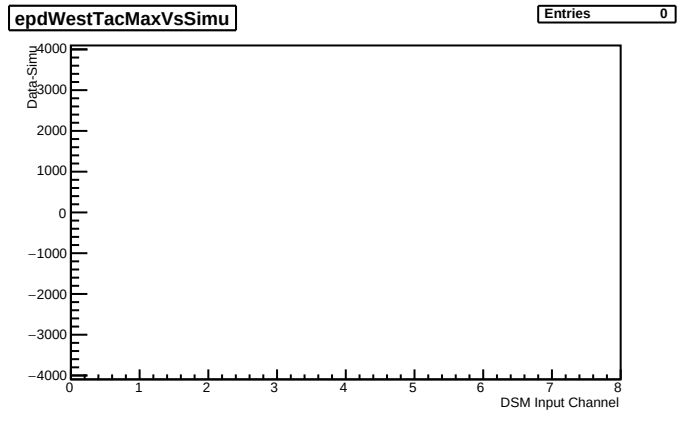
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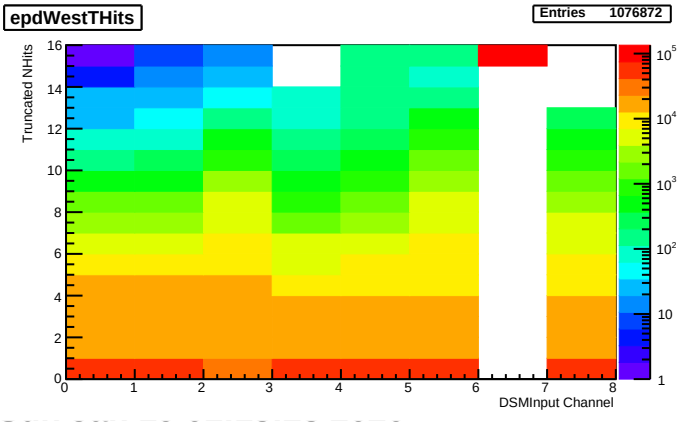
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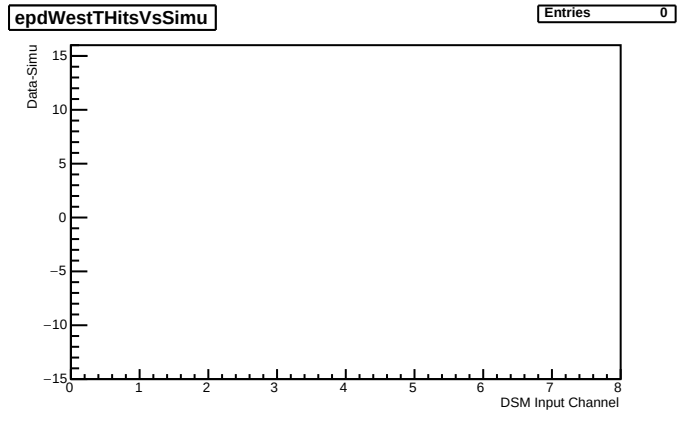
Entries 1076872
Truncated NHits
DSMInput Channel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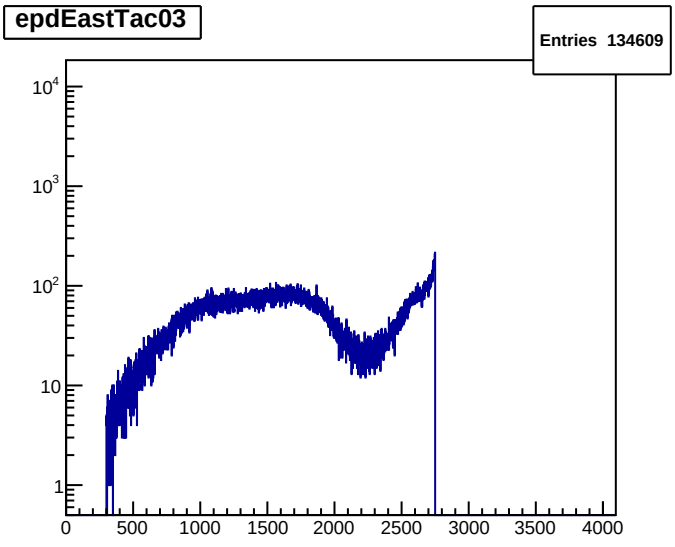
DSM Input Channel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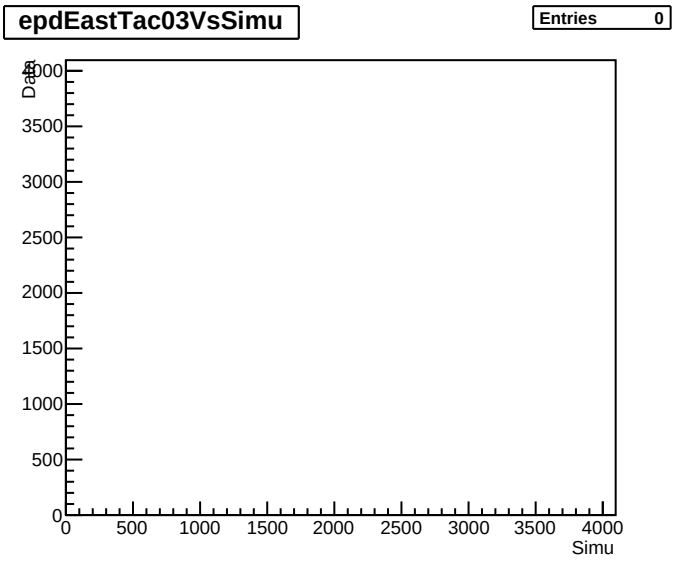
Entries 134609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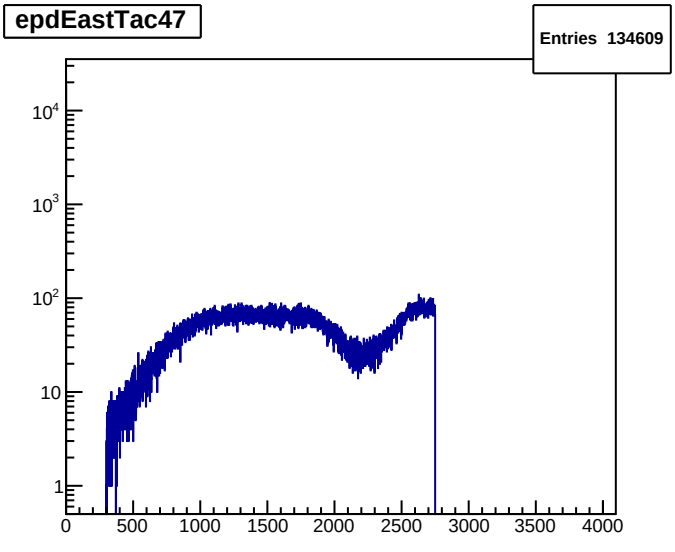
Data
Simu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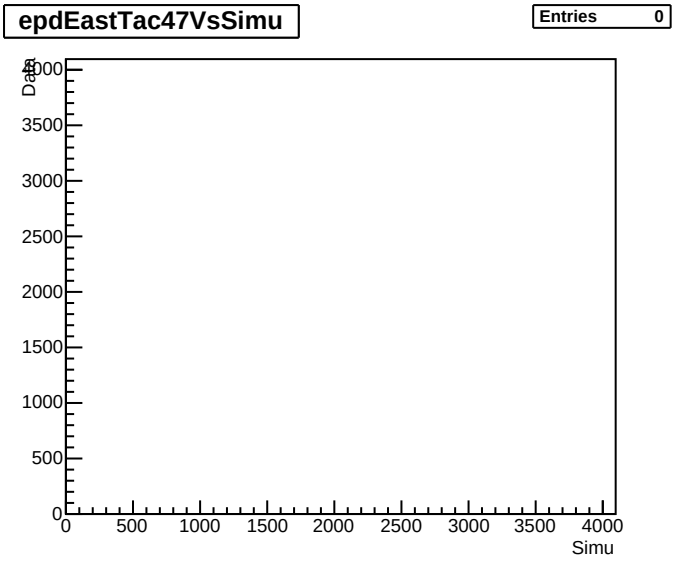
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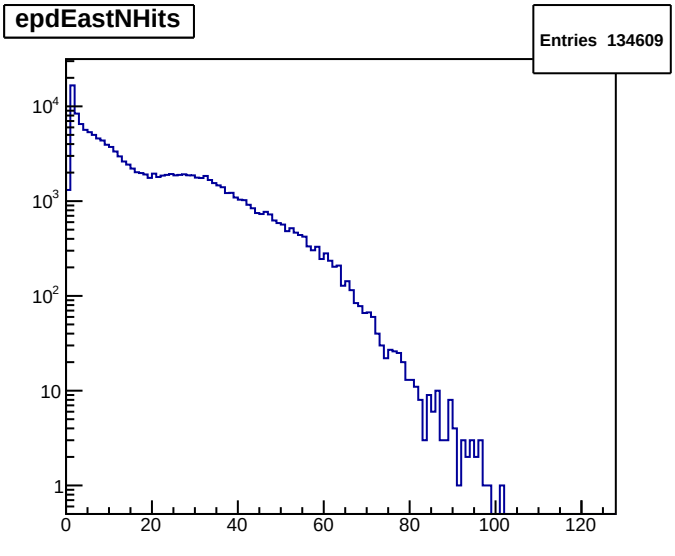
Entries 0
Data
Simu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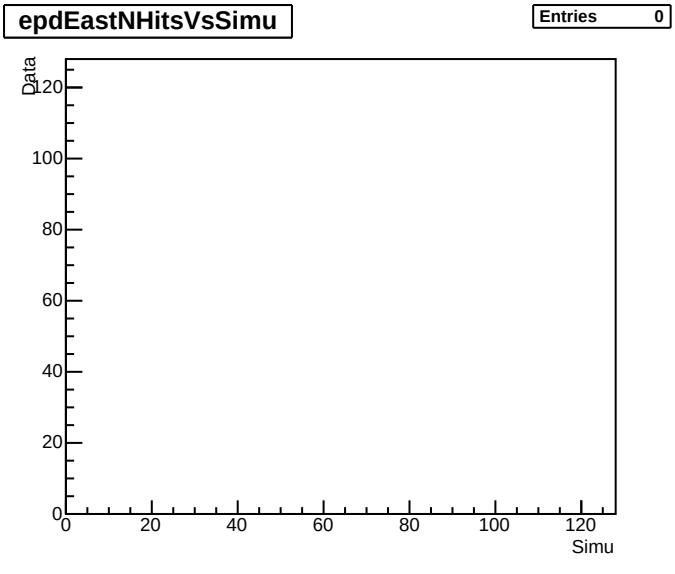
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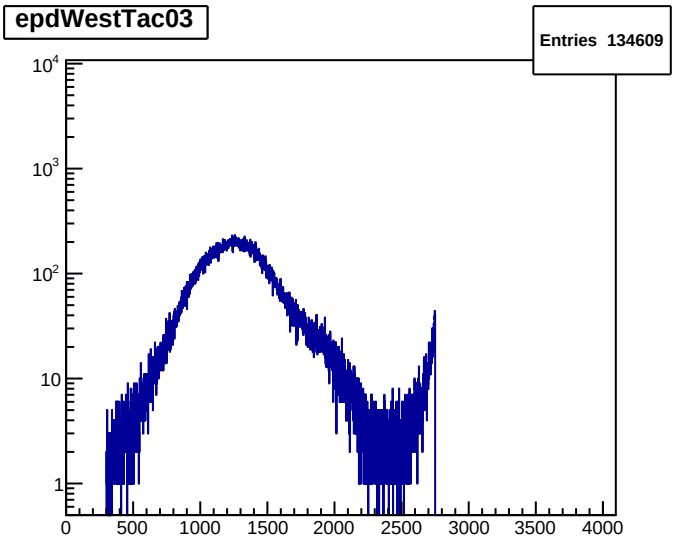
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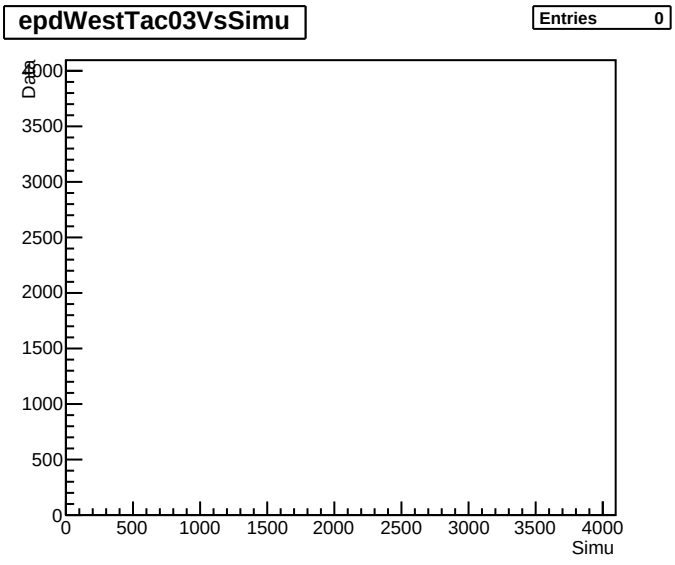
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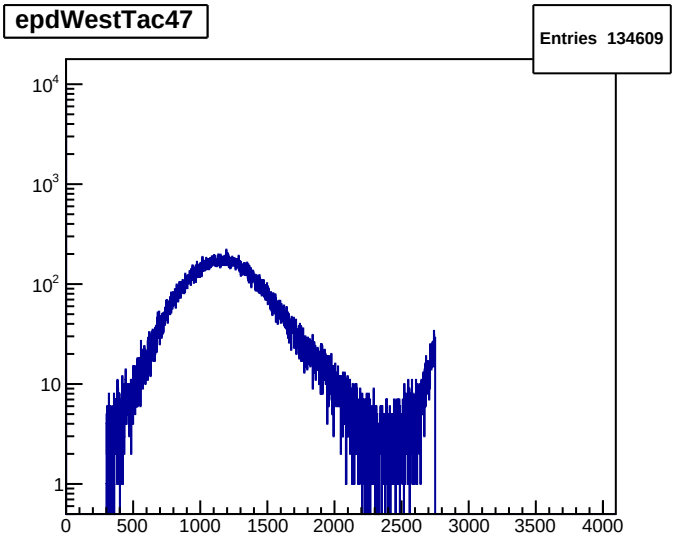
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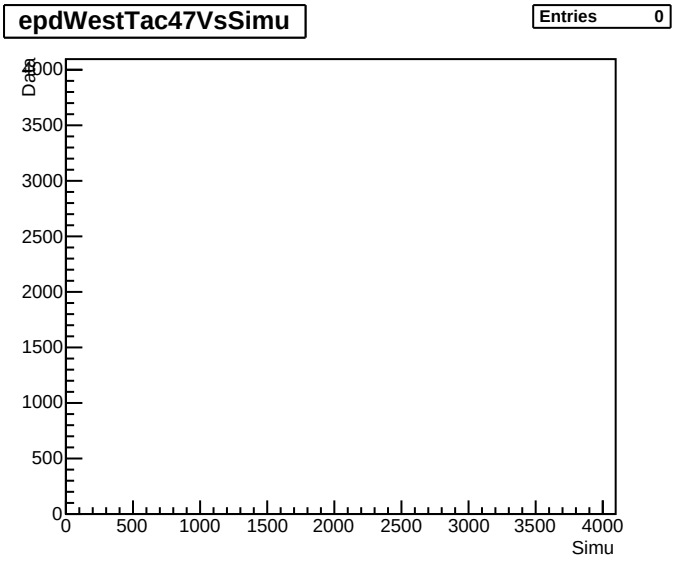
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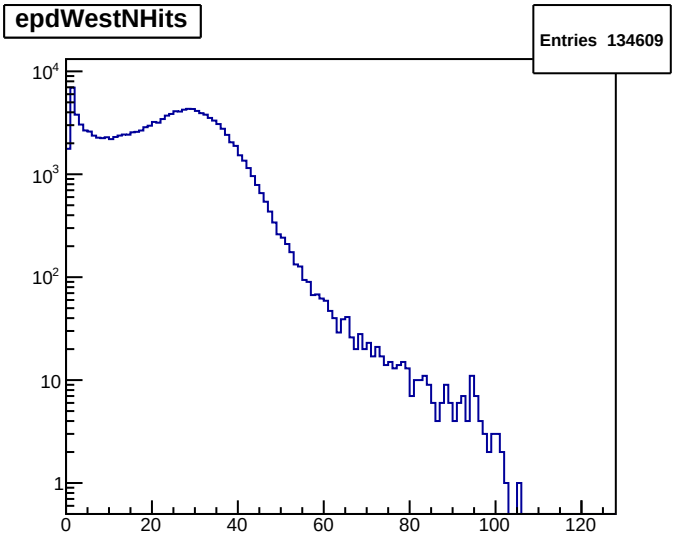
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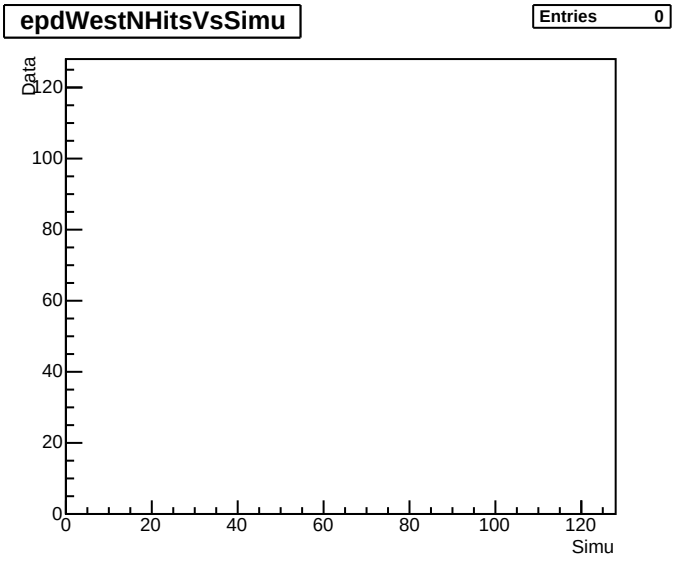
Entries 134609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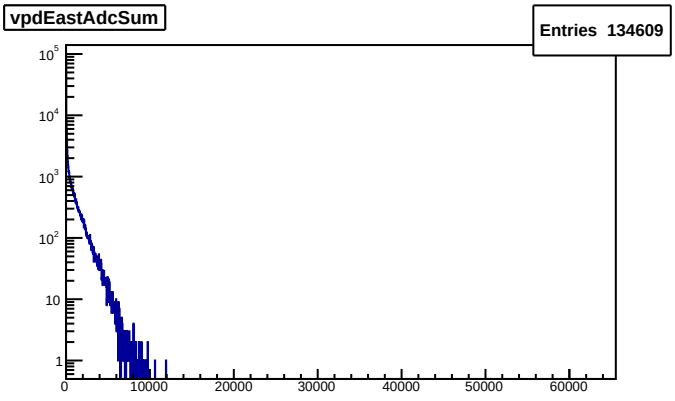
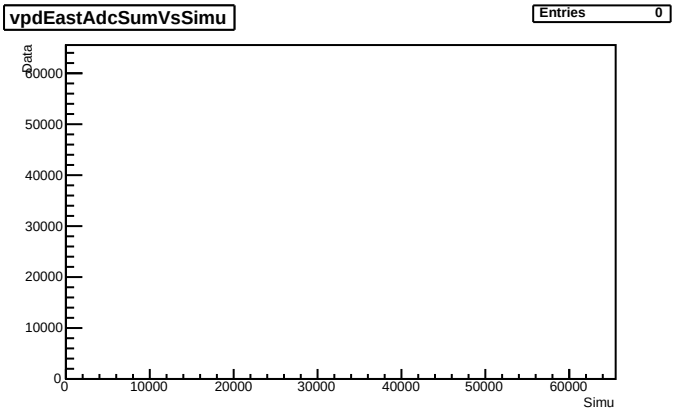
Entries 0
Data
Simu


vpdEastAdcSum
Entries 134609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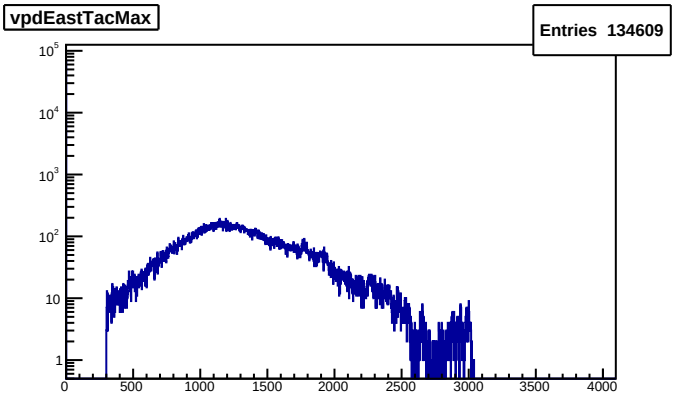
Entries 0
Data
Simu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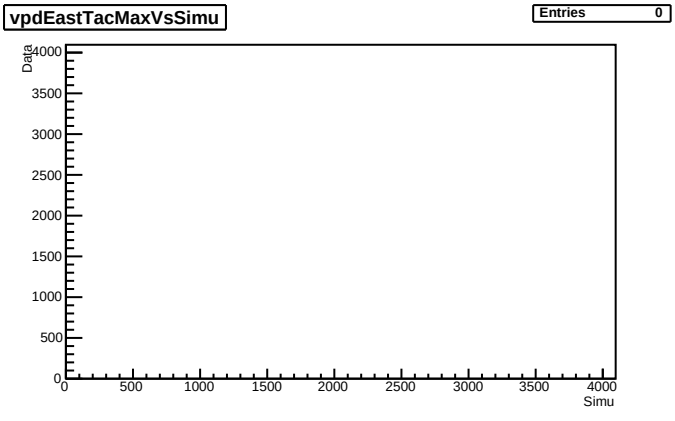
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Data
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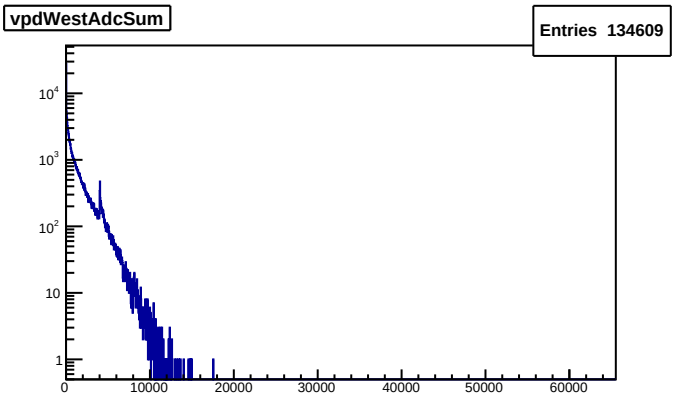
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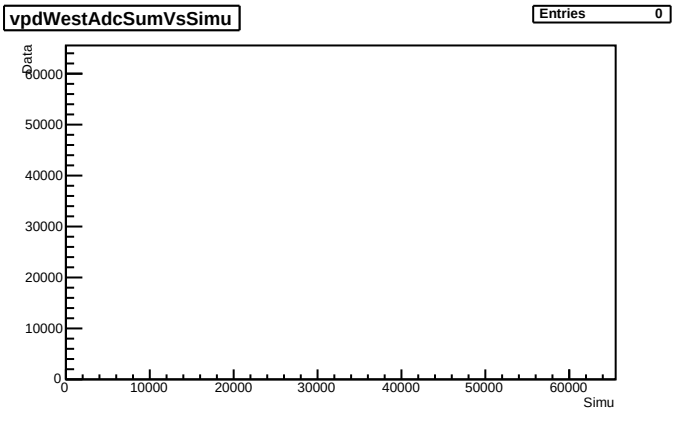
Entries 134609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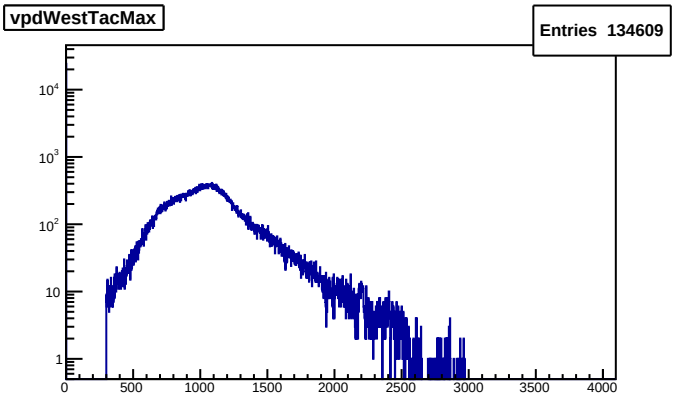
Entries 0
Data
Simu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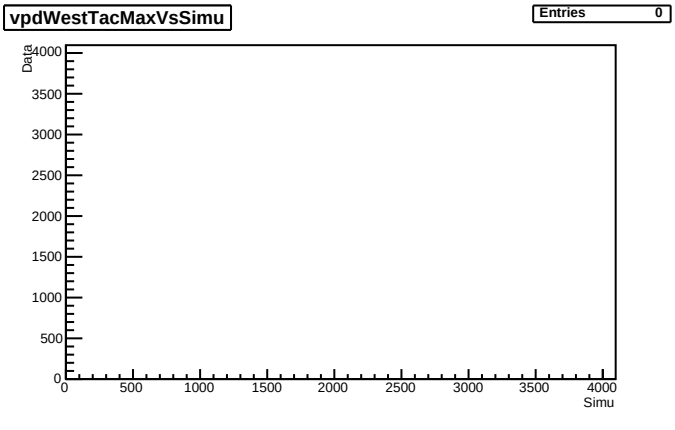
Entries 134609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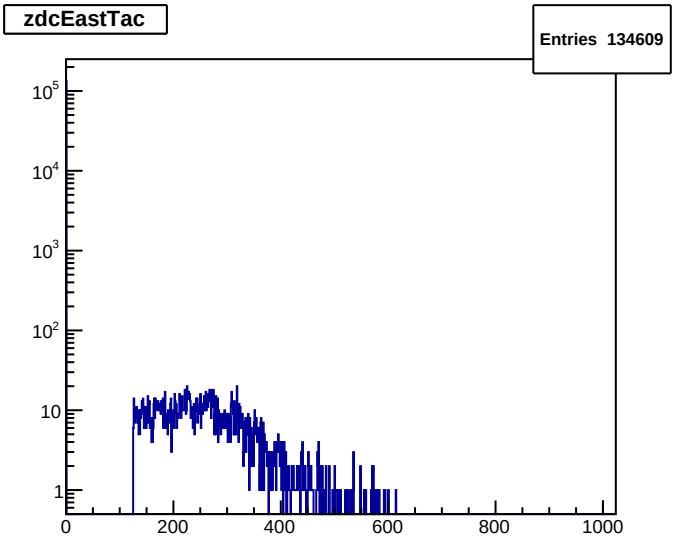
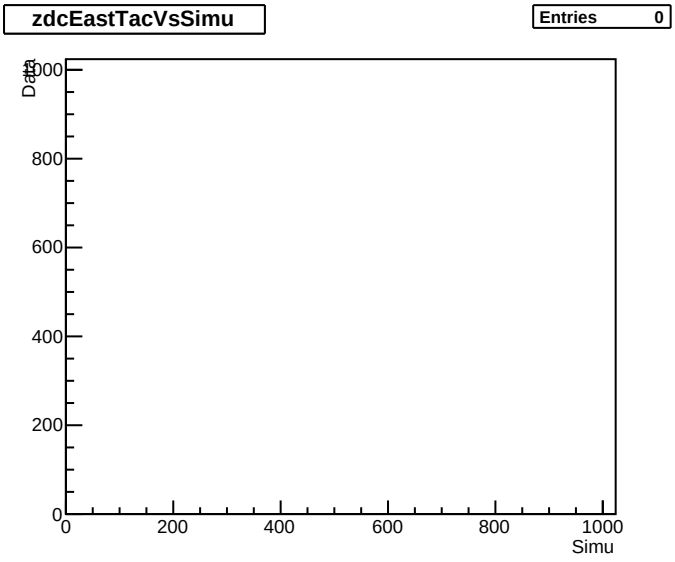
Entries 0
Data
Simu


zdcEastTac
Entries 134609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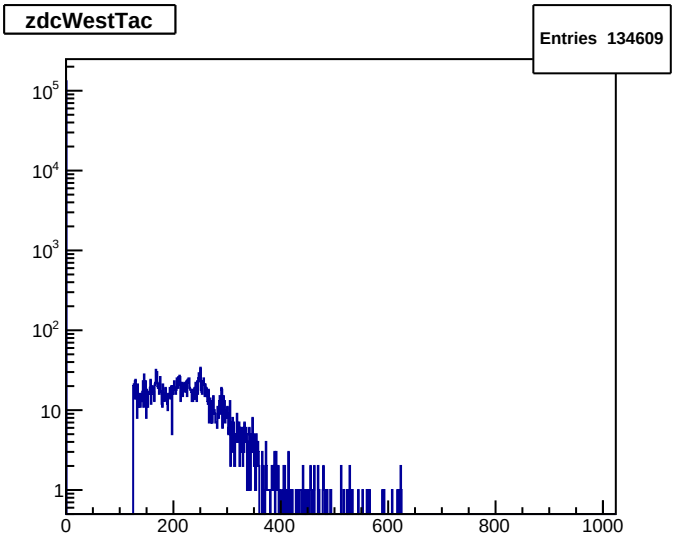
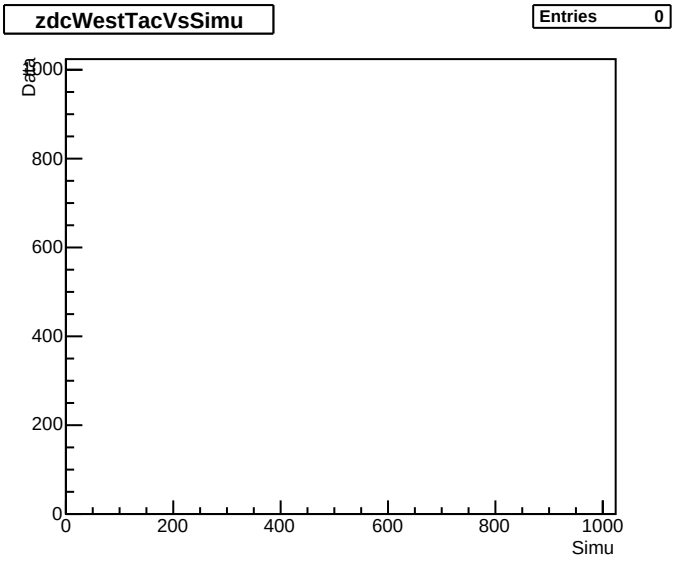
Entries 0
Data
Simu


zdcWestTac
Entries 134609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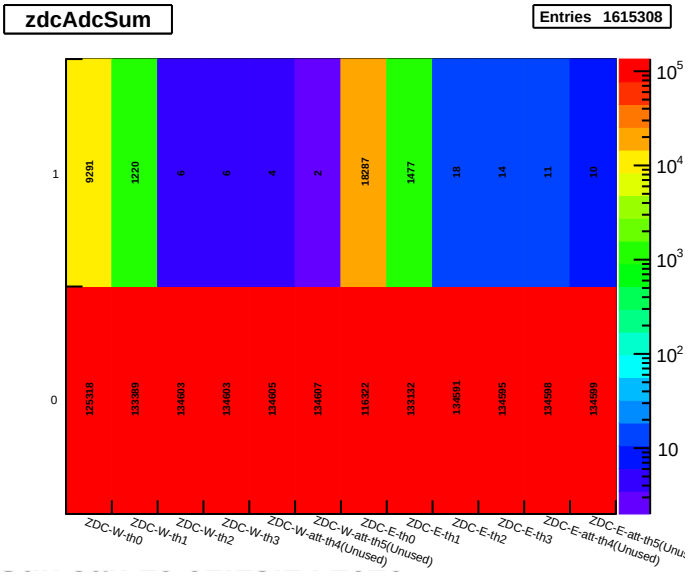
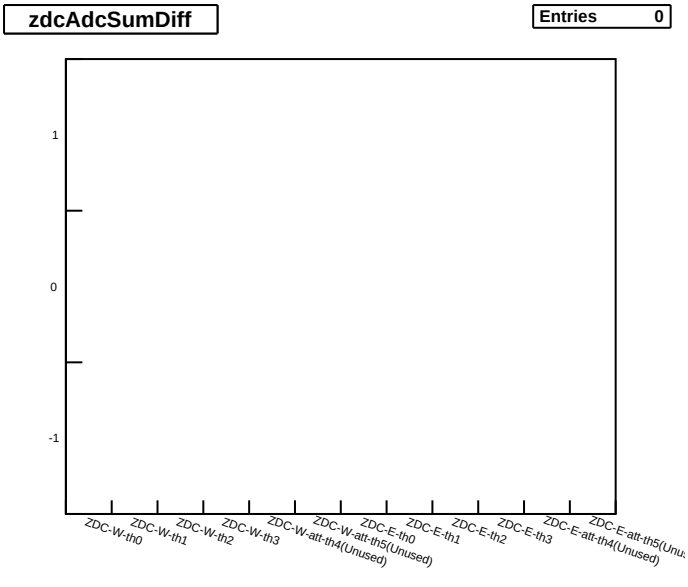
Entries 0
Data
Simu


zdcAdcSum
Entries 1615308
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)
ZDC-E-att-th5(Unu


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
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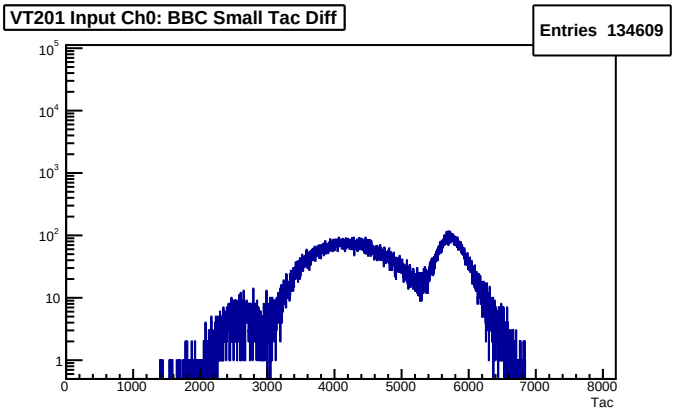
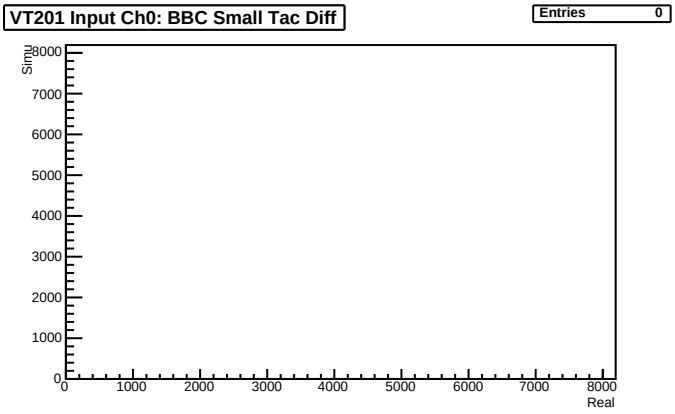
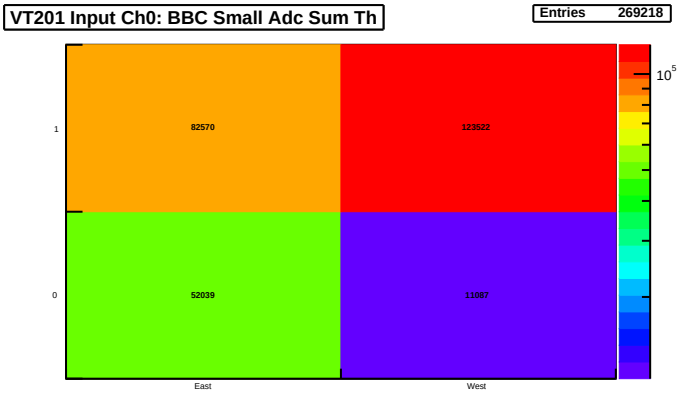
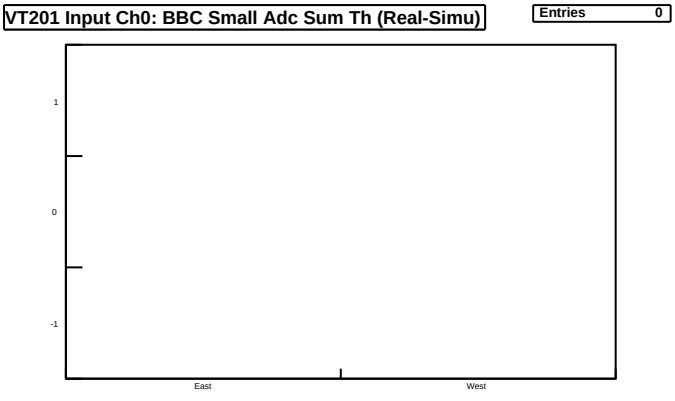
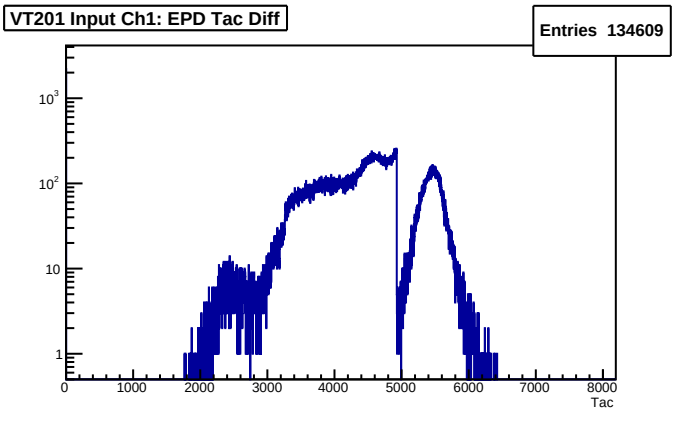
ZDC-E-att-th5(Unu

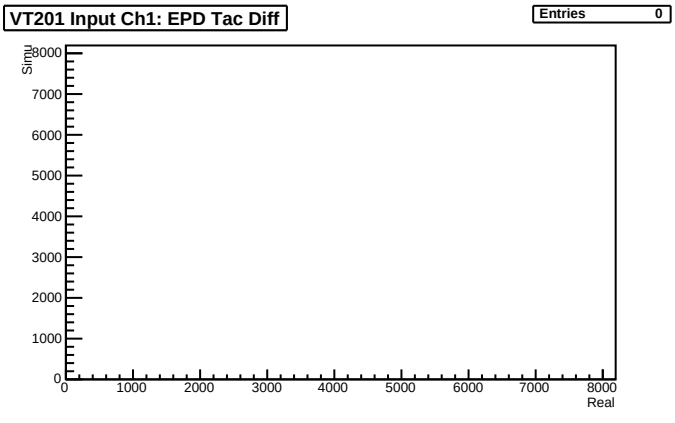

VT201 Input Ch0: BBC Small Tac Diff
Entries 134609
Tac

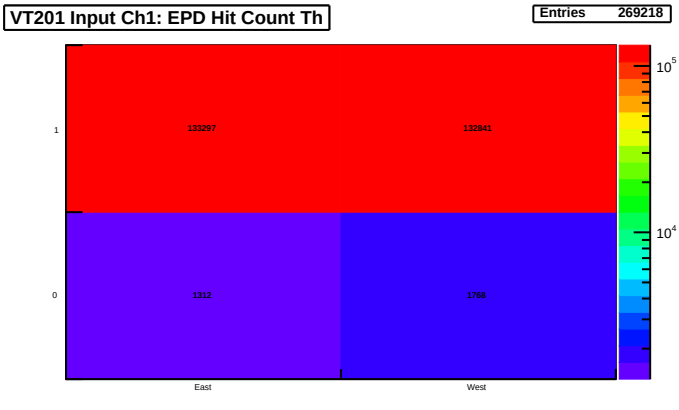

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

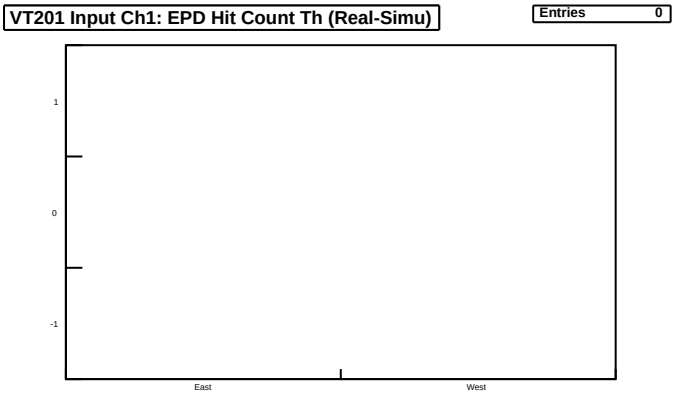

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 269218
82570
123522
52039
11087
East
West

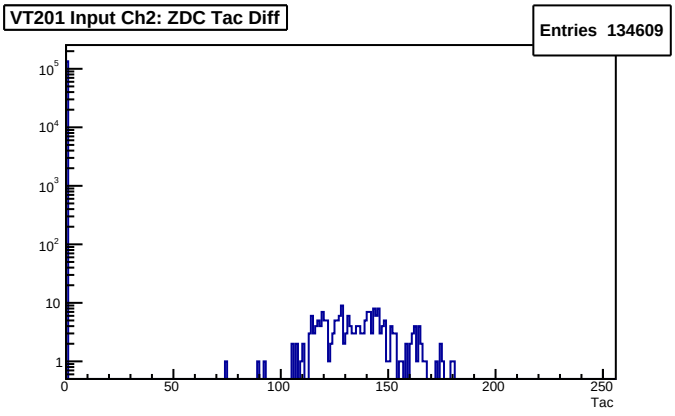

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

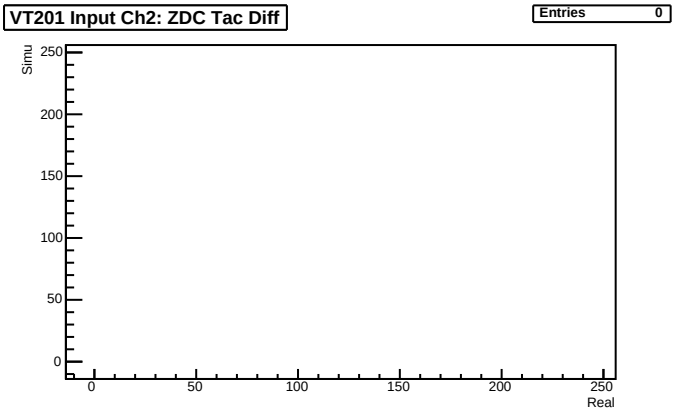

VT201 Input Ch1: EPD Tac Diff
Entries 134609
Tac

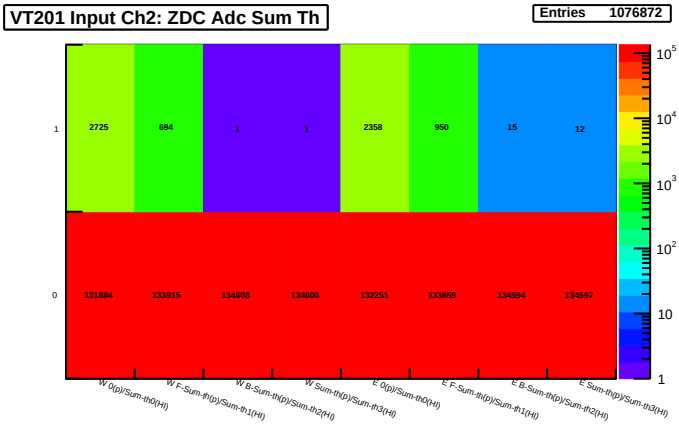

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

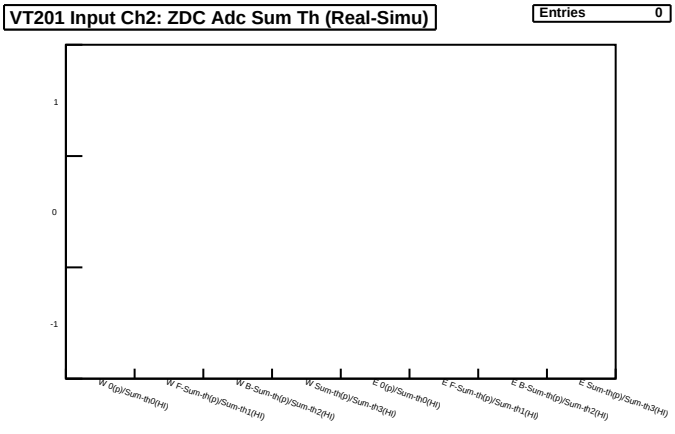

VT201 Input Ch1: EPD Hit Count Th
Entries 269218
133297
132841
1312
1768
East
West

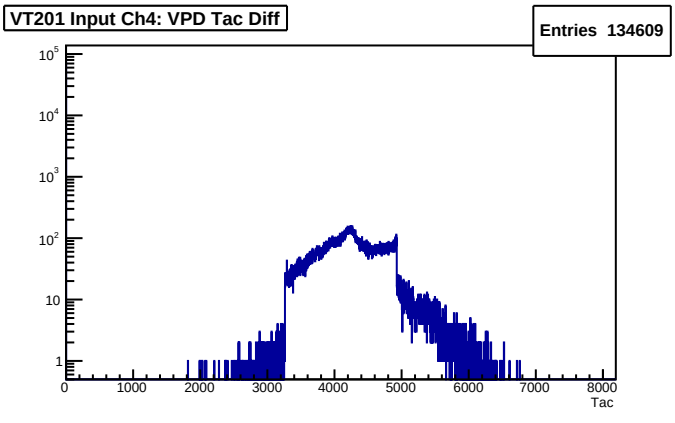

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

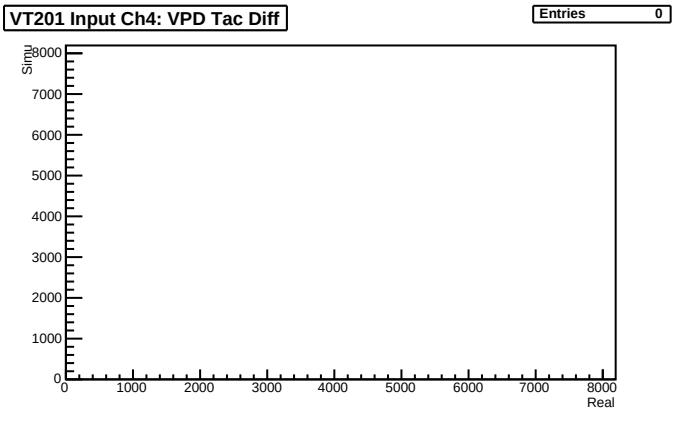

VT201 Input Ch2: ZDC Tac Diff
Entries 134609
Tac

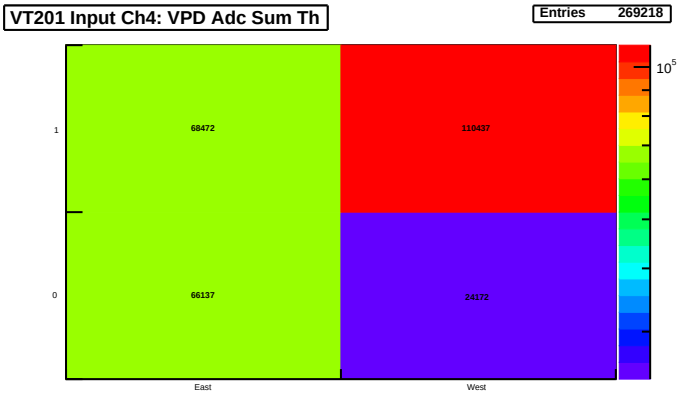

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

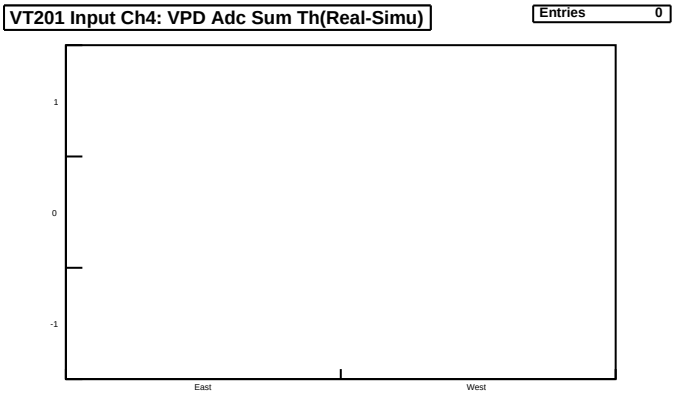

VT201 Input Ch2: ZDC Adc Sum Th
Entries 1076872
2725
694
1
1
2358
950
15
12
131884
133915
134608
134608
132251
133659
134594
134597
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

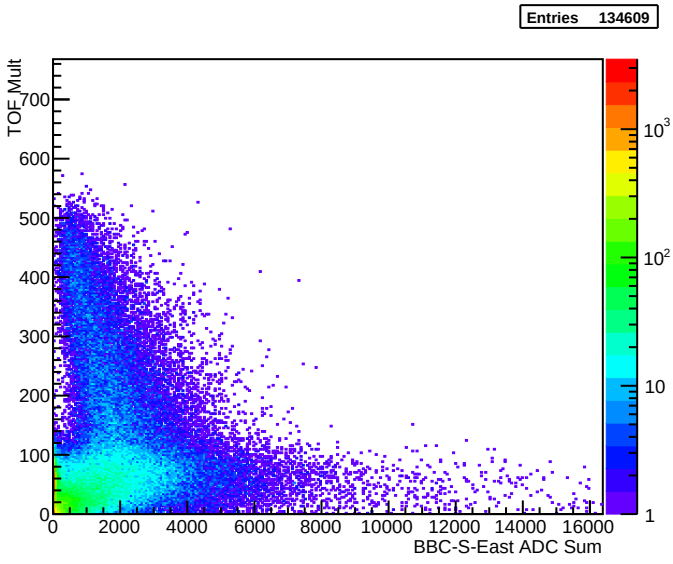

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

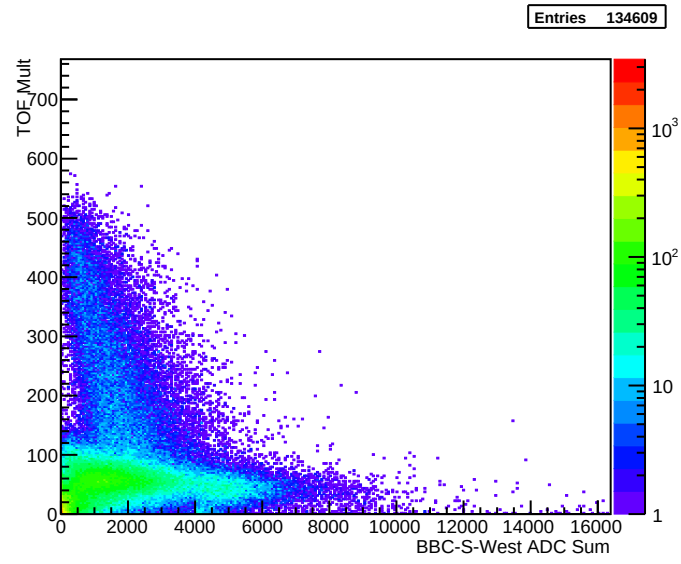

VT201 Input Ch4: VPD Tac Diff
Entries 134609
Tac

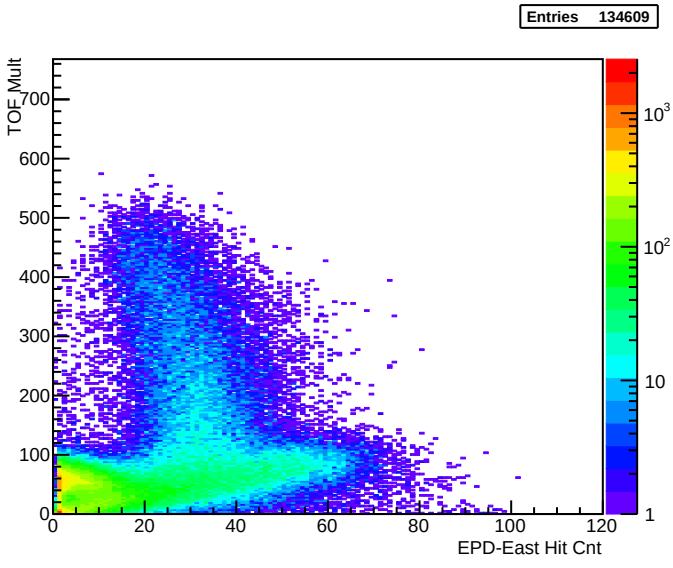

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

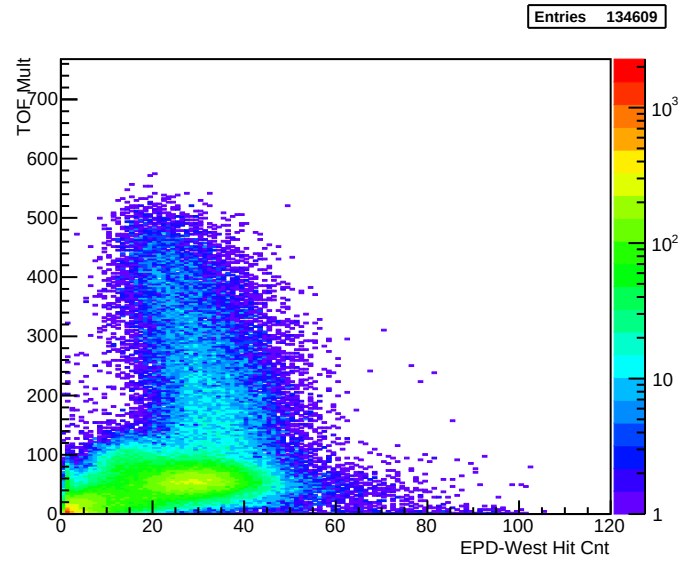

VT201 Input Ch4: VPD Adc Sum Th
Entries 269218
68472
110437
66137
24172
East
West

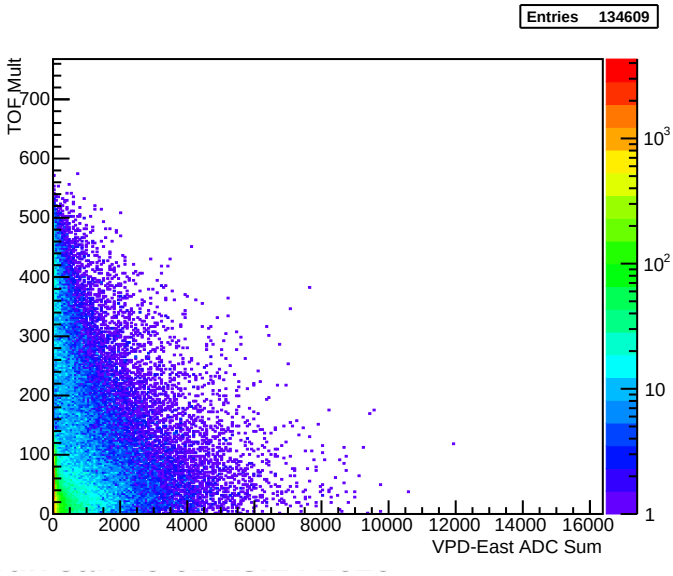

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

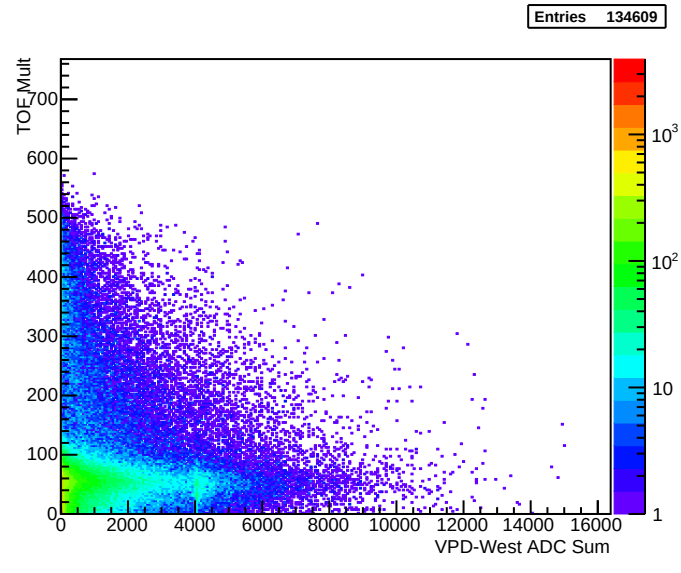

Entries 134609
TOF_Mult
BBC-S-East ADC Sum

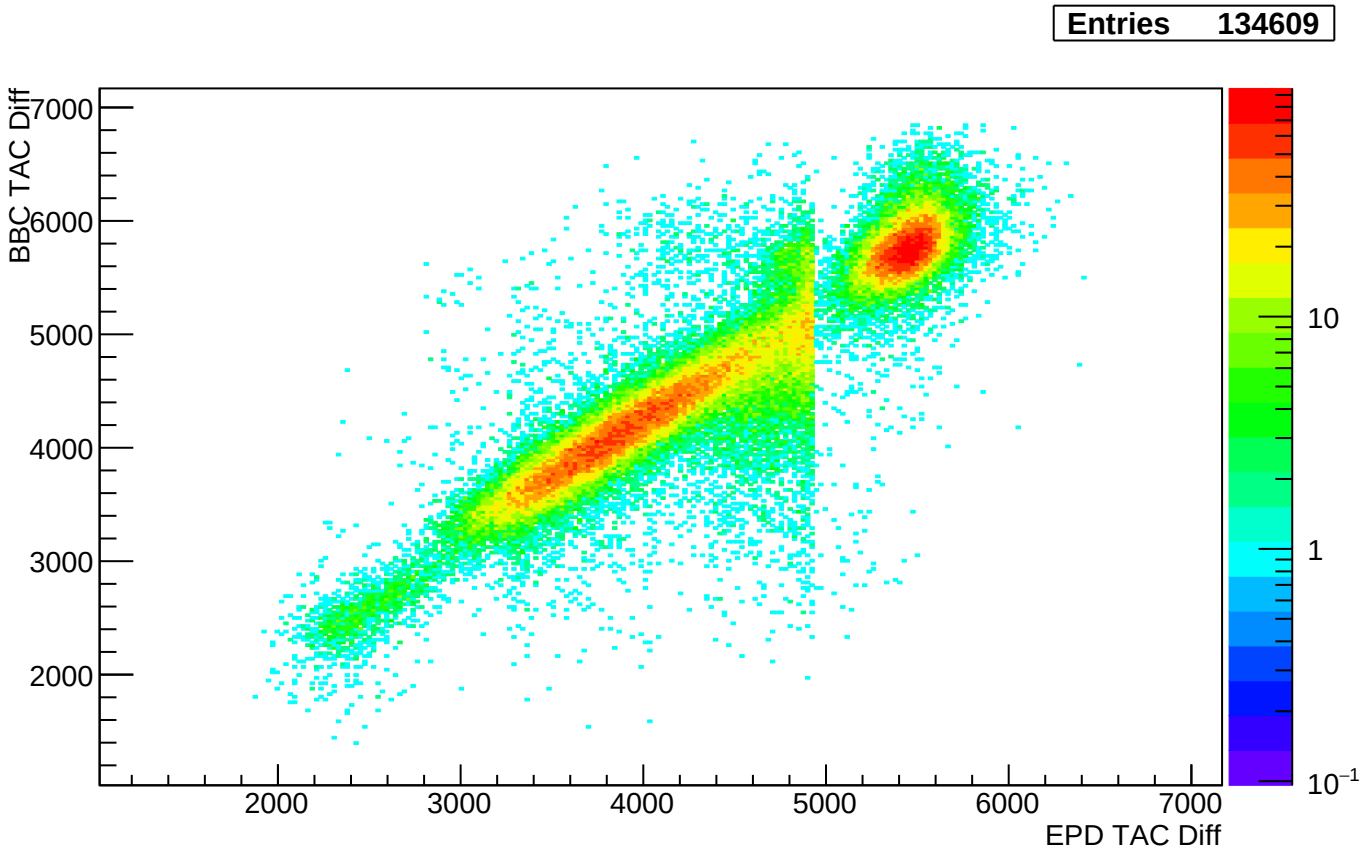

Entries 134609
TOF_Mult
BBC-S-West ADC Sum

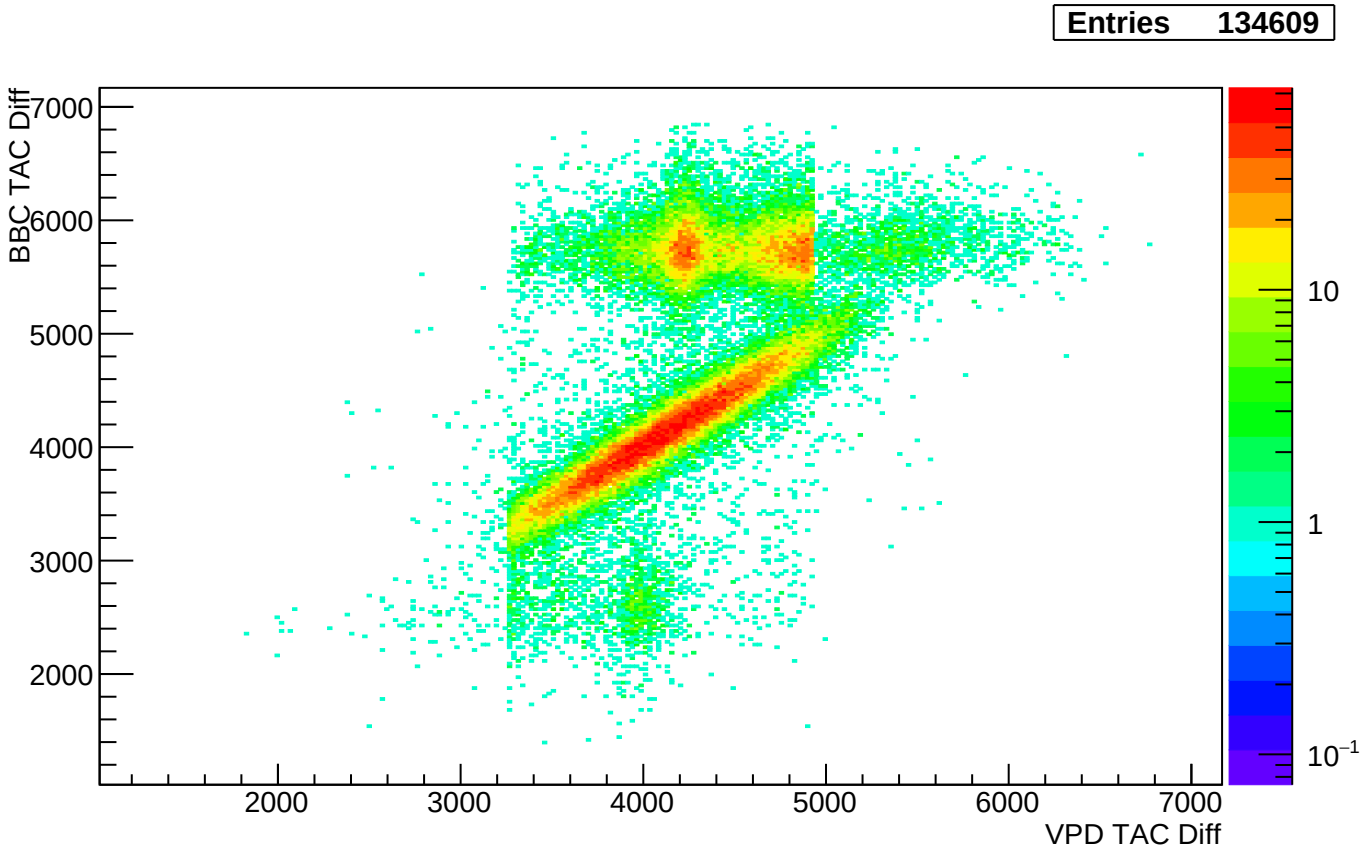

Entries 134609
TOF_Mult
EPD-East Hit Cnt

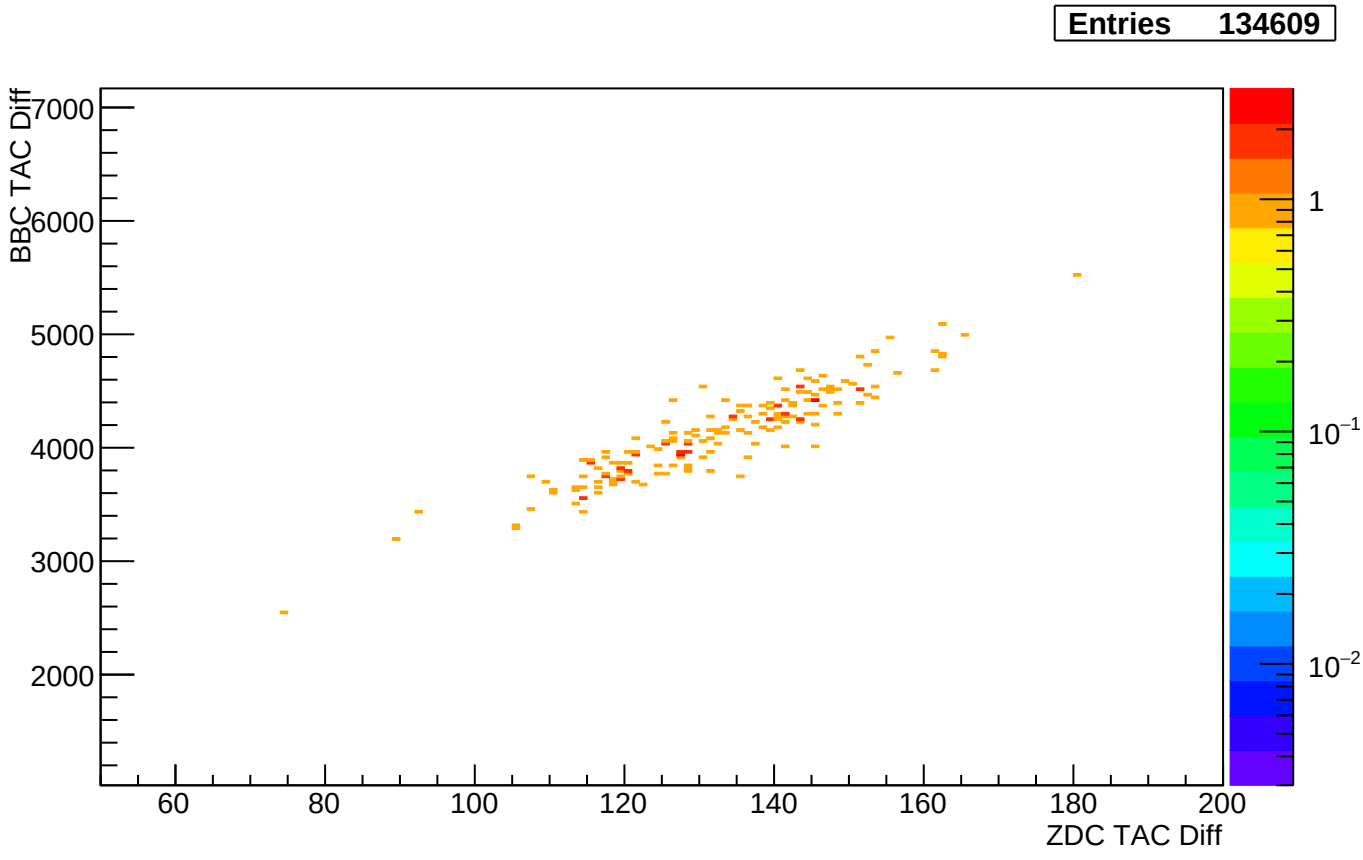

Entries 134609
TOF_Mult
EPD-West Hit Cnt

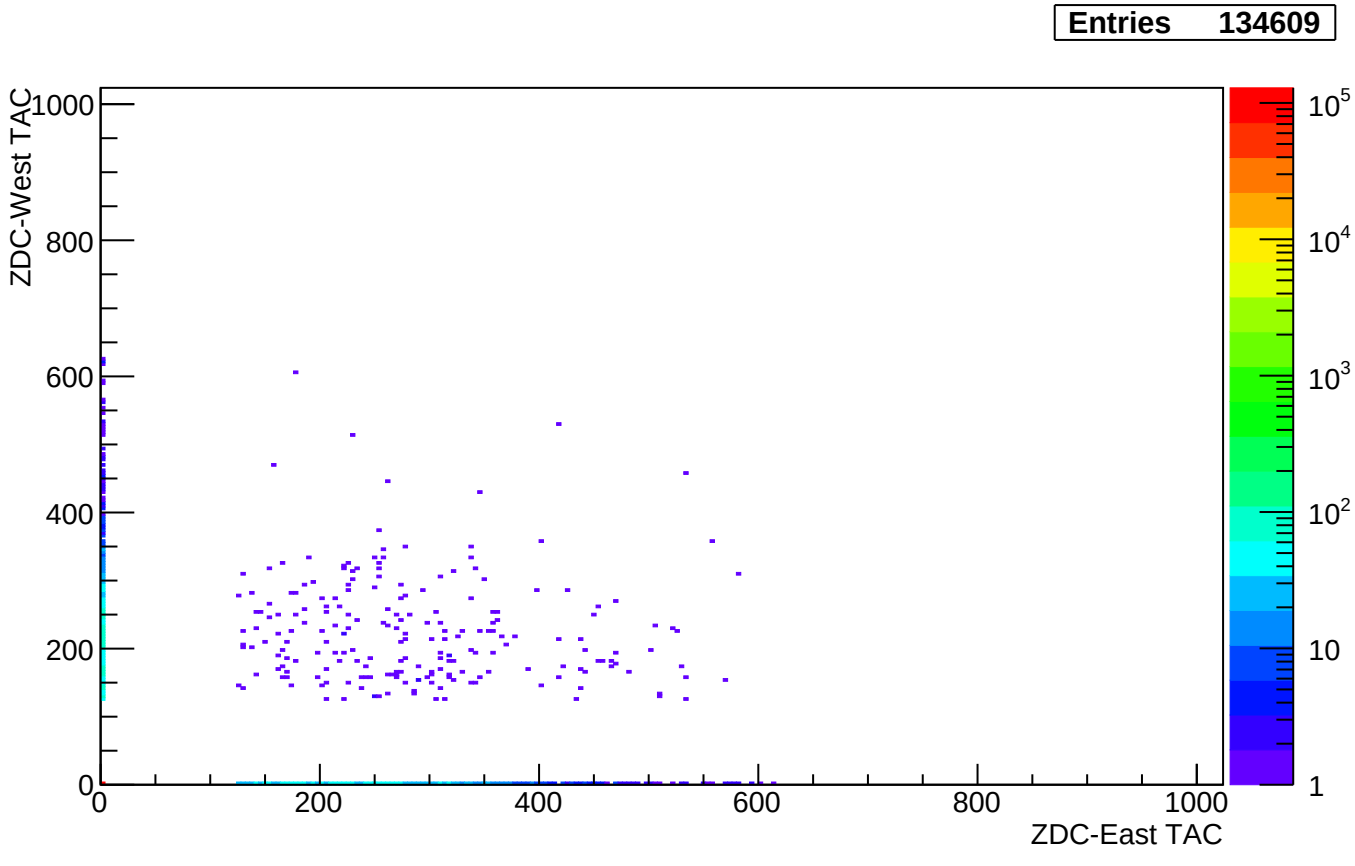

Entries 134609
TOF_Mult
VPD-East ADC Sum

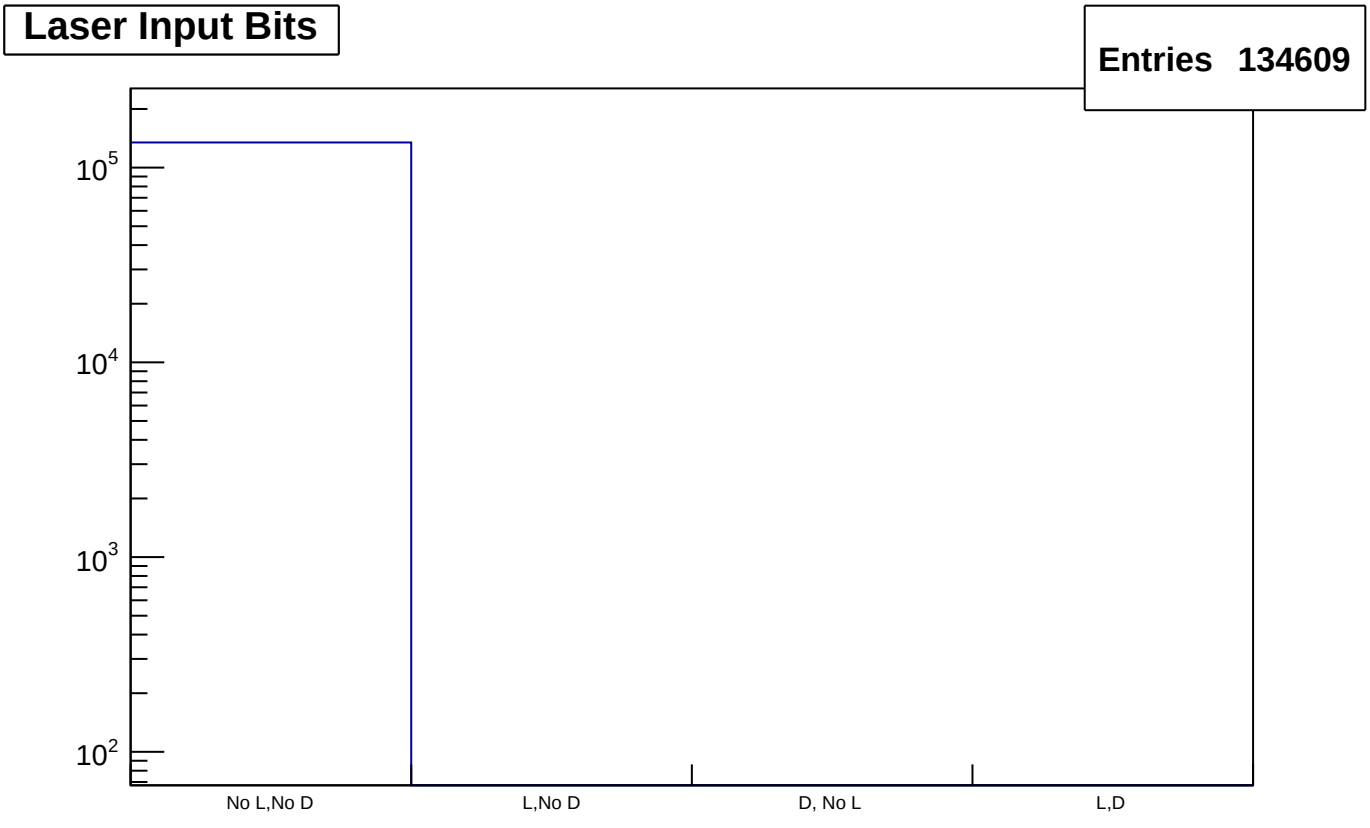

Entries 134609
TOF_Mult
VPD-West ADC Sum

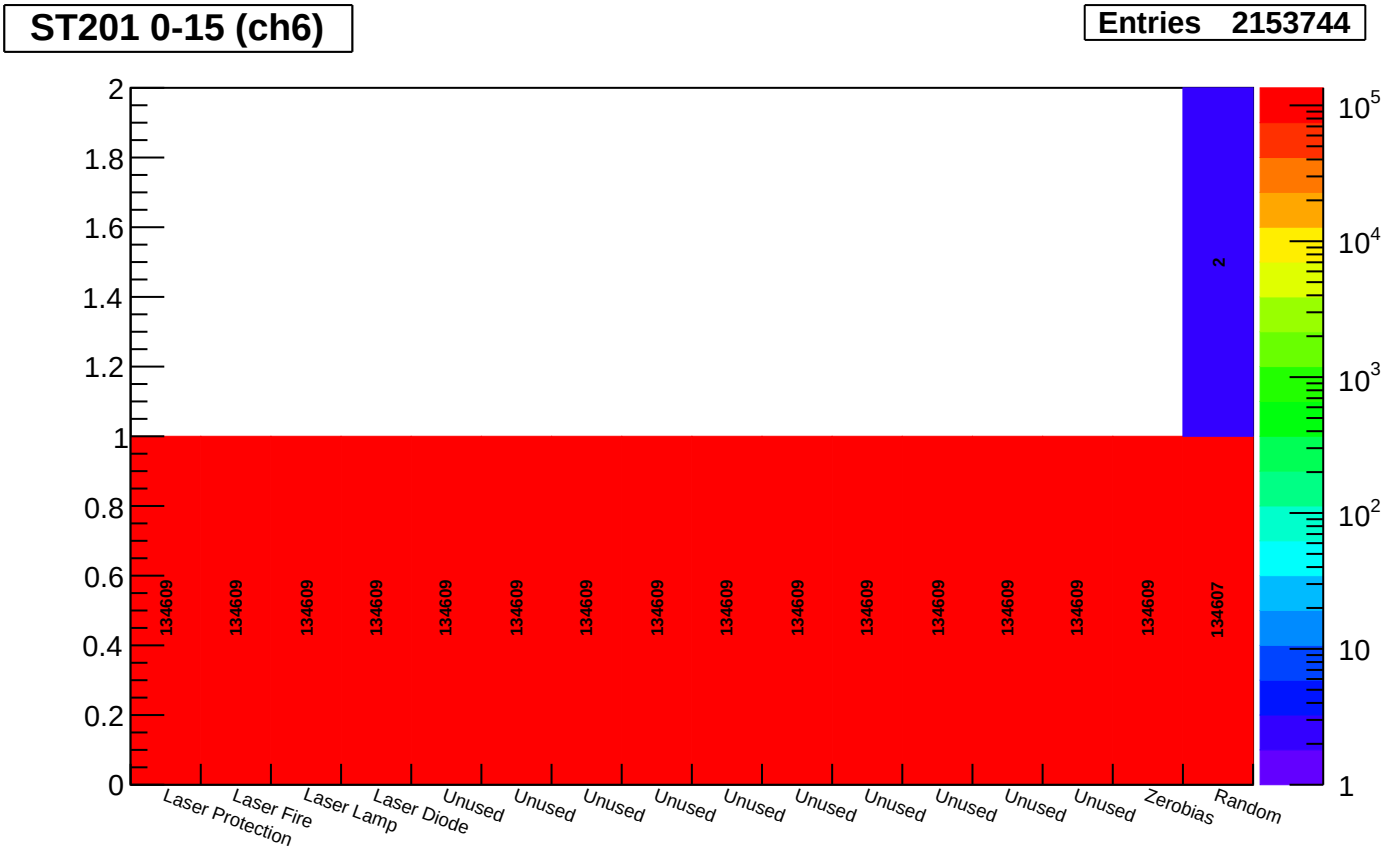

Entries 134609
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10
1
10^{-1}

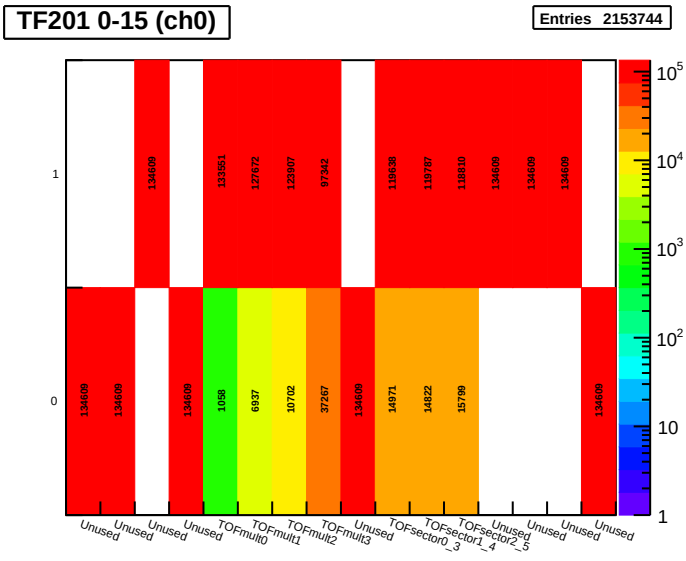

Entries 134609
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}

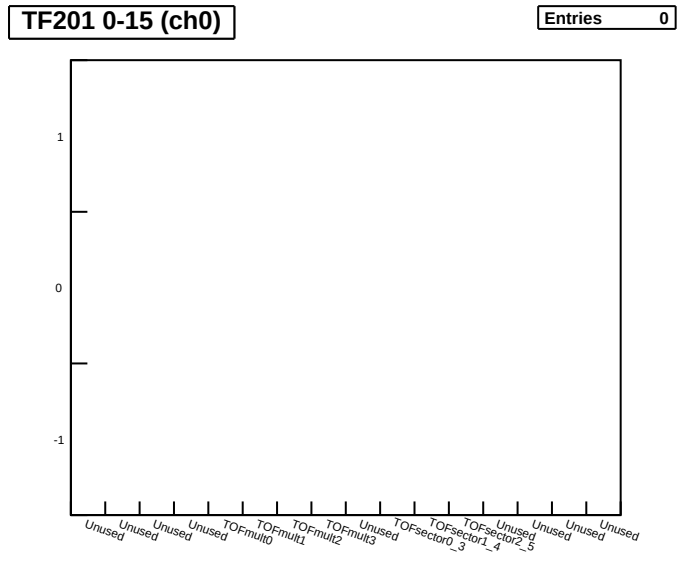

Entries 134609
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

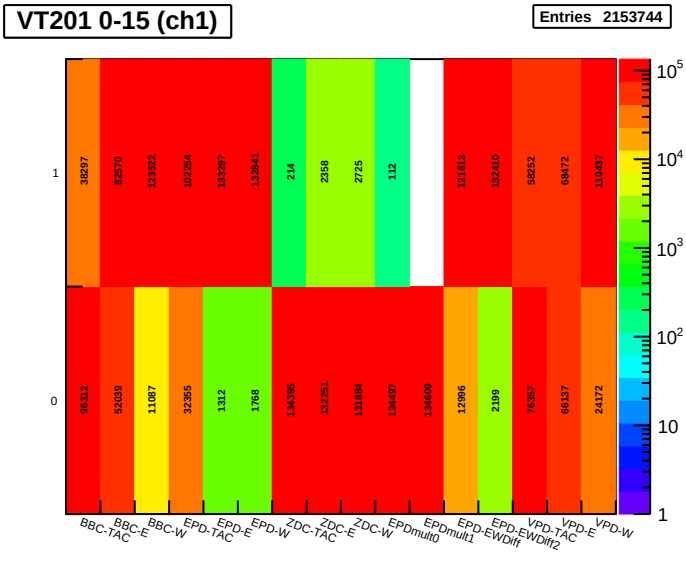

Entries 134609
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

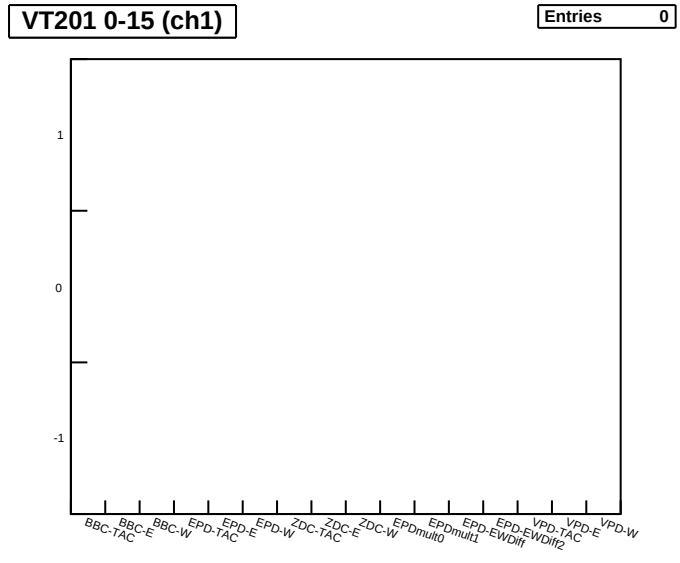

Laser Input Bits
Entries 134609
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

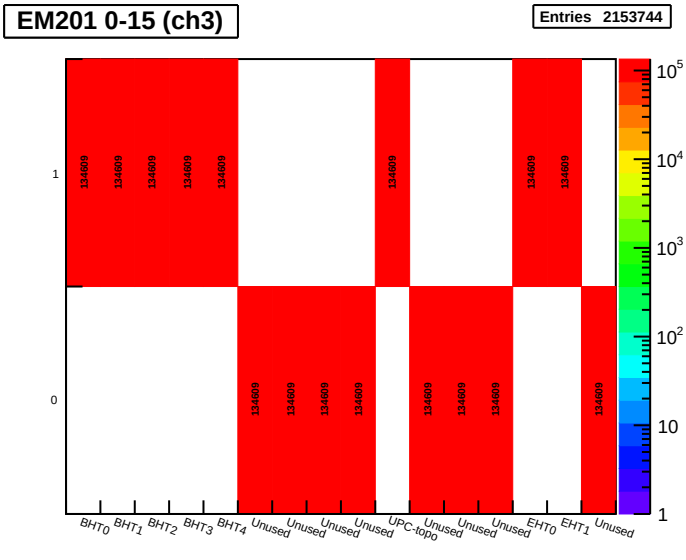

ST201 0-15 (ch6)
Entries 2153744
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
134609
134607
2
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

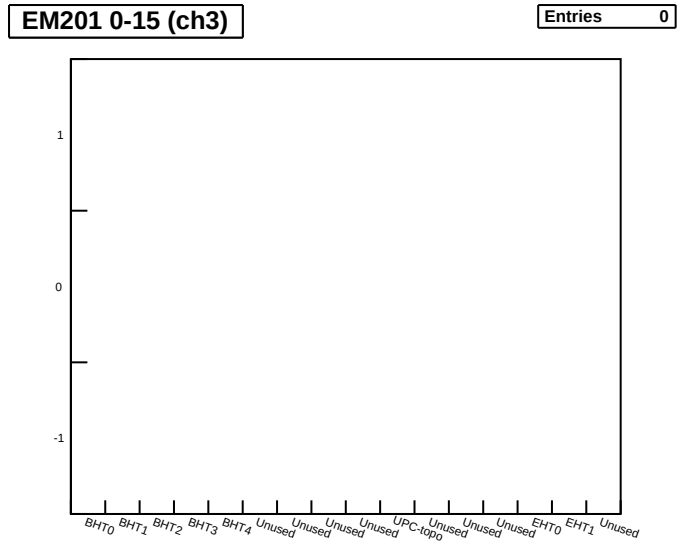

TF201 0-15 (ch0)
Entries 2153744
1
0
134609
133351
127672
122907
97342
119638
119787
118810
134609
134609
134609
134609
134609
1058
6937
10702
37267
14971
14822
15799
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 2153744
1
0
38297
82570
123522
102254
133297
132841
214
2358
2725
112
121613
132410
58252
68472
110437
96312
52039
11087
32355
1312
1768
134395
132251
131884
134497
134609
12966
2199
76357
66137
24172
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 2153744
1
0
134609
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


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