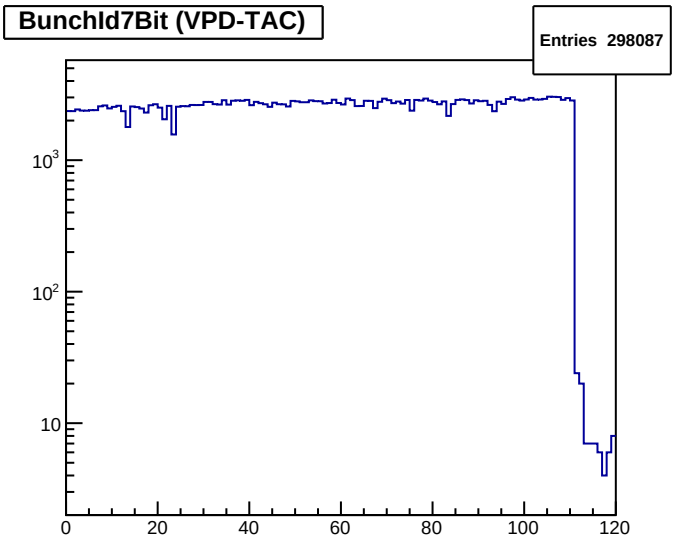
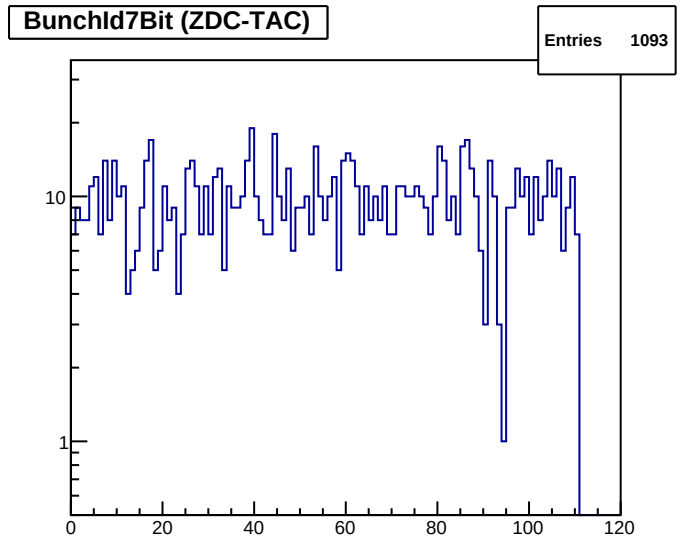
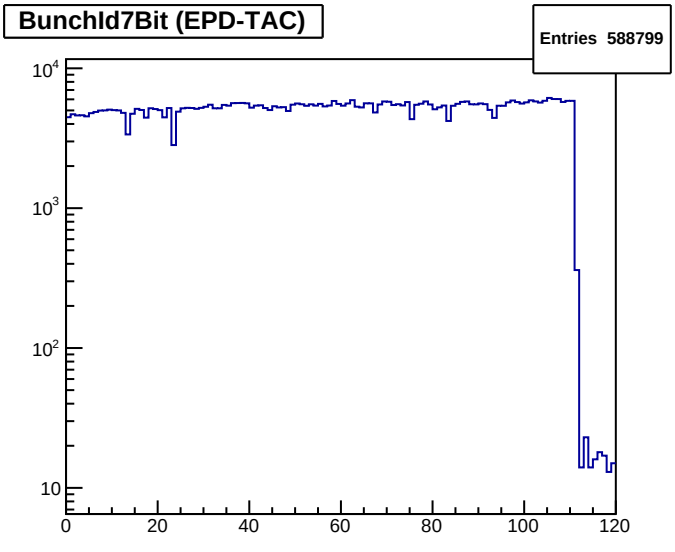
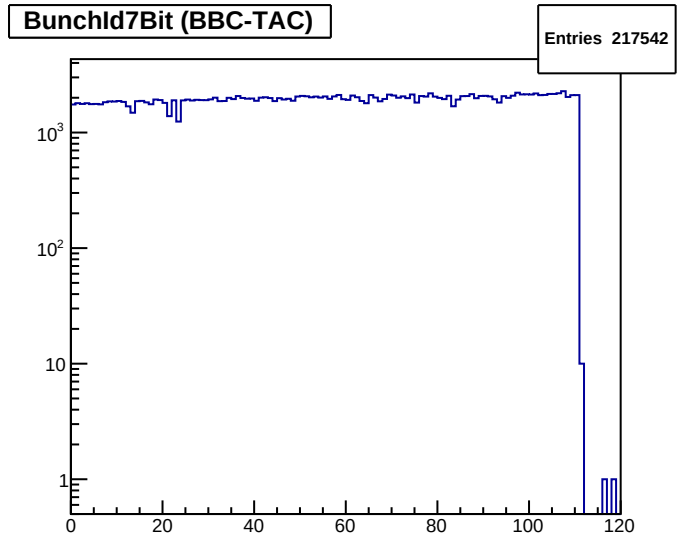
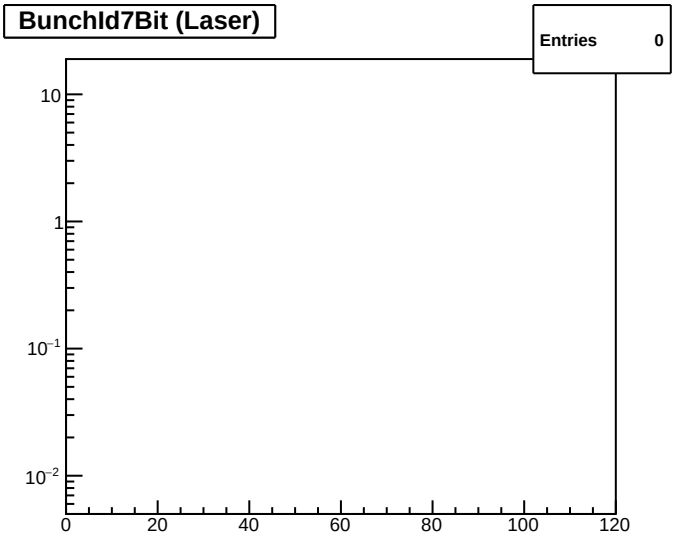
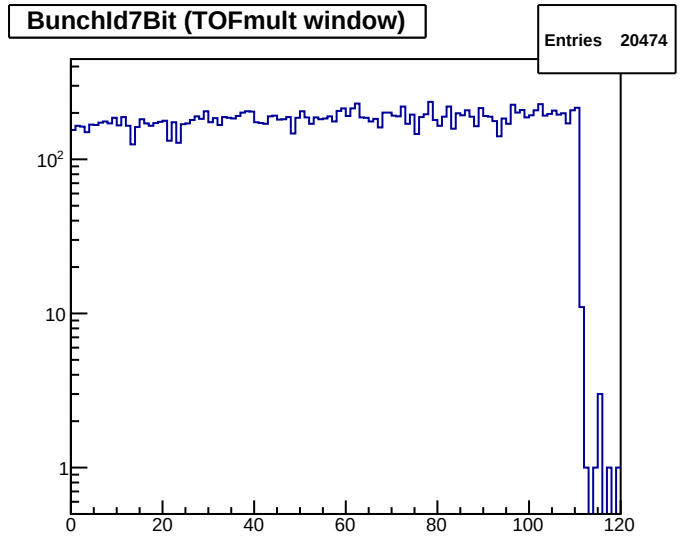

BunchId7Bit (VPD-TAC)
Entries 298087

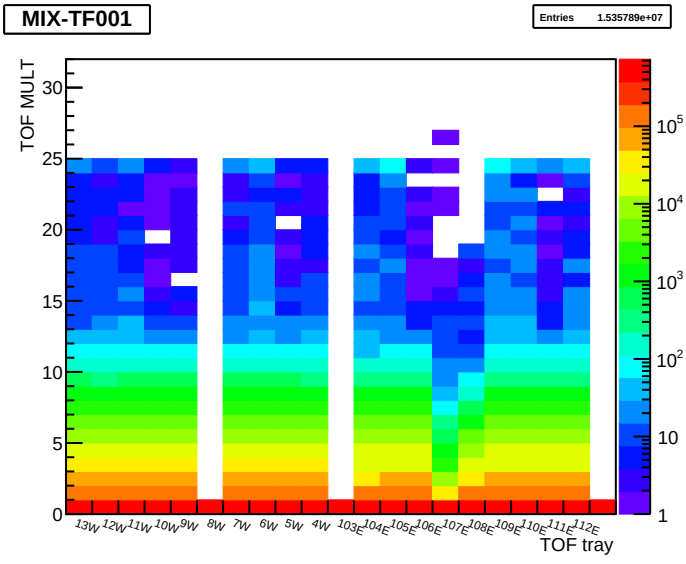

BunchId7Bit (ZDC-TAC)
Entries 1093

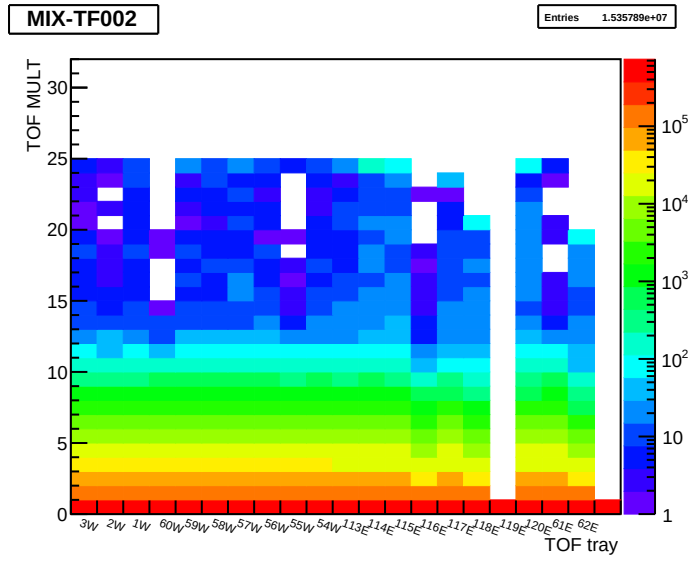

BunchId7Bit (EPD-TAC)
Entries 588799

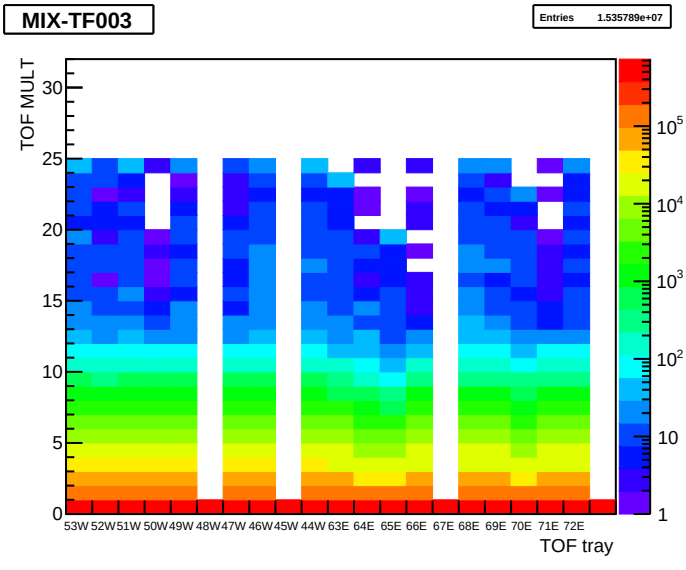

BunchId7Bit (BBC-TAC)
Entries 217542

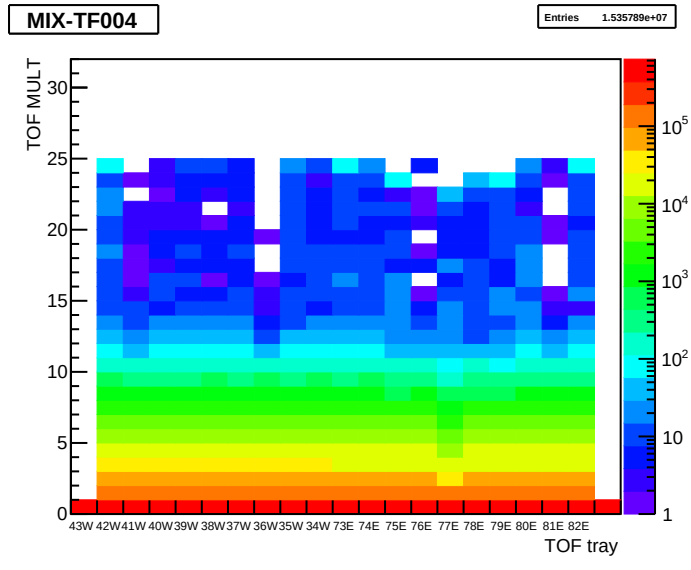

BunchId7Bit (Laser)
Entries 0

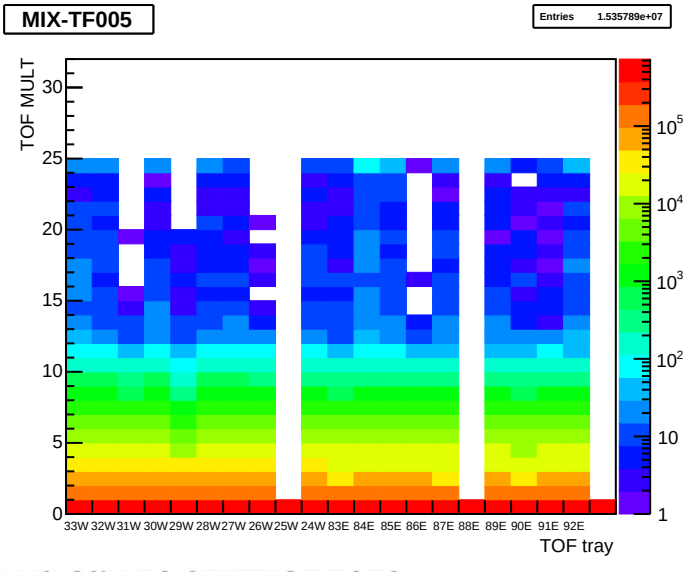

BunchId7Bit (TOFmult window)
Entries 20474

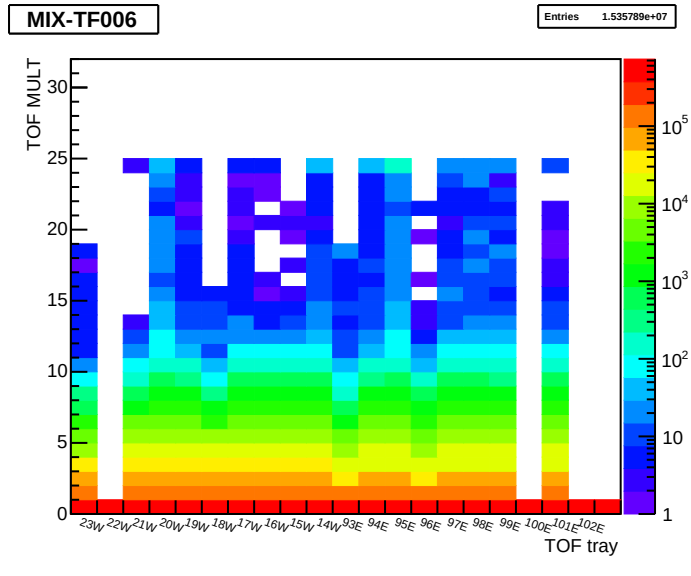

MIX-TF001
Entries 1.535789e+07
TOF MULT
TOF tray

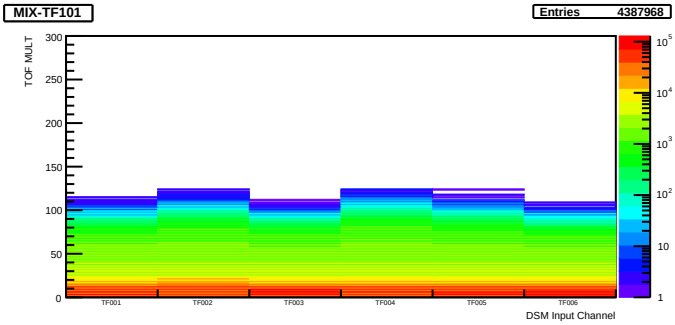

MIX-TF002
Entries 1.535789e+07
TOF MULT
TOF tray

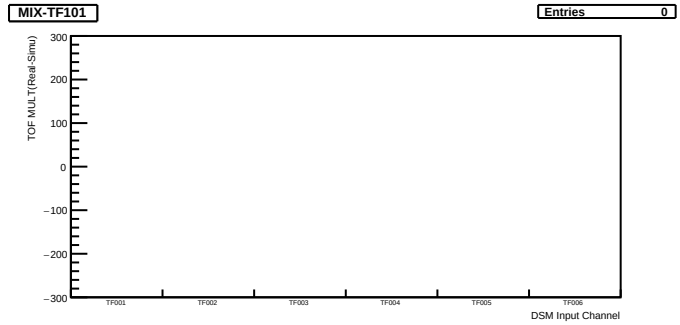

MIX-TF003
Entries 1.535789e+07
TOF MULT
TOF tray

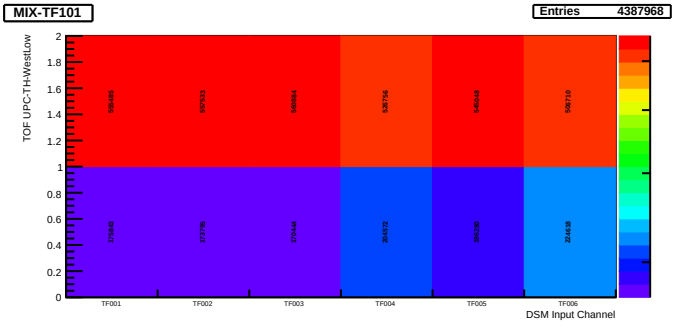

MIX-TF004
Entries 1.535789e+07
TOF MULT
TOF tray

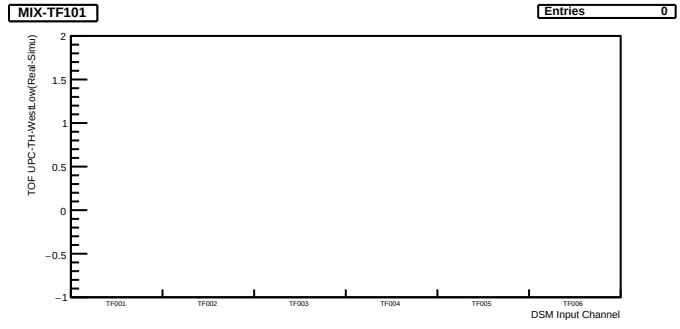

MIX-TF005
Entries 1.535789e+07
TOF MULT
TOF tray

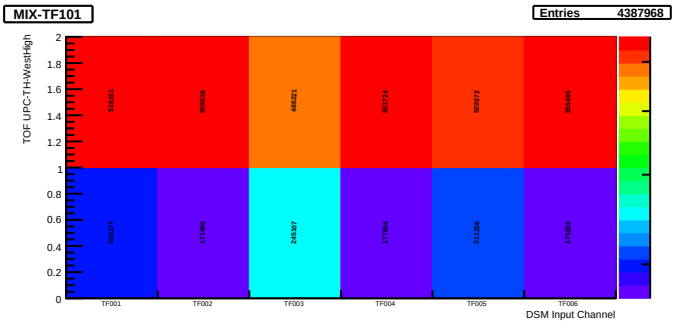

MIX-TF006
Entries 1.535789e+07
TOF MULT
TOF tray

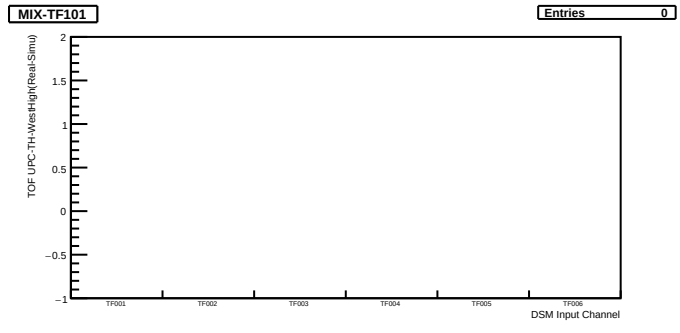

MIX-TF101
Entries 4387968
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

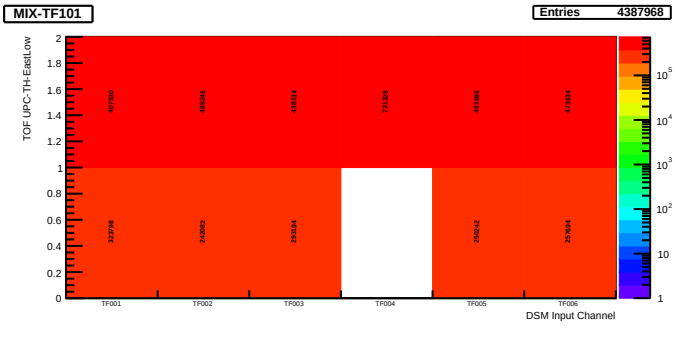

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

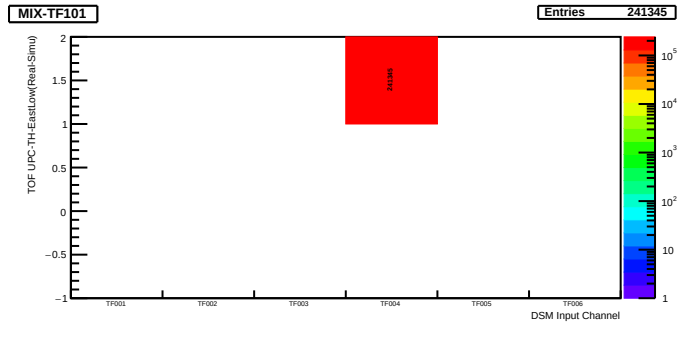

MIX-TF101
Entries 4387968
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

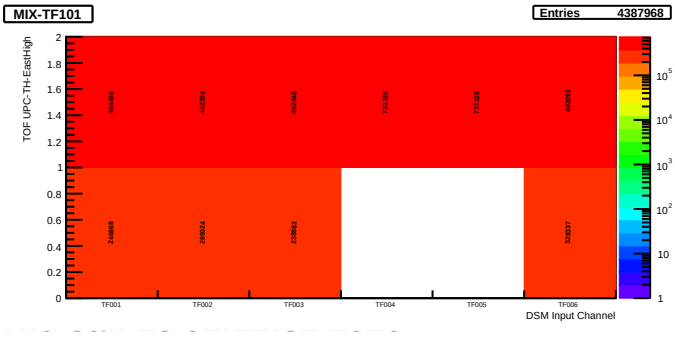

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

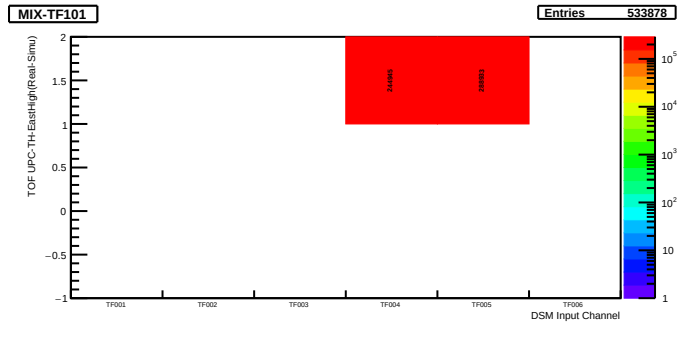

MIX-TF101
Entries 4387968
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

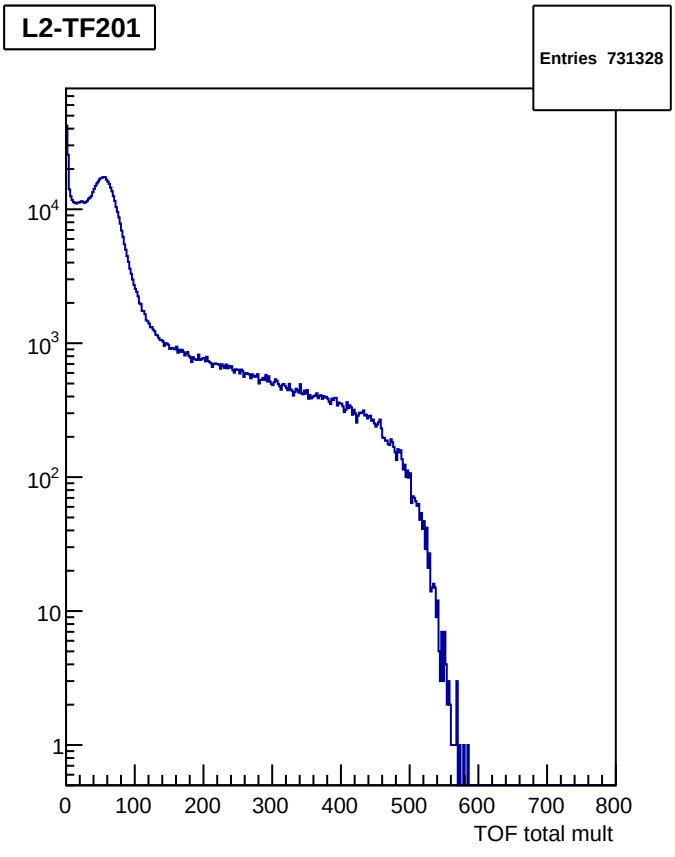

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

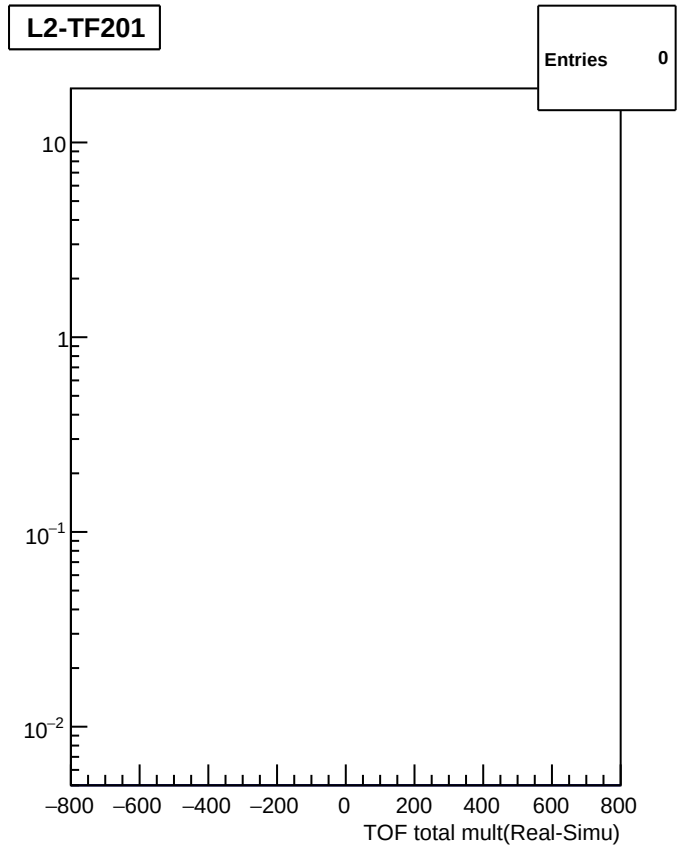

MIX-TF101
Entries 4387968
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

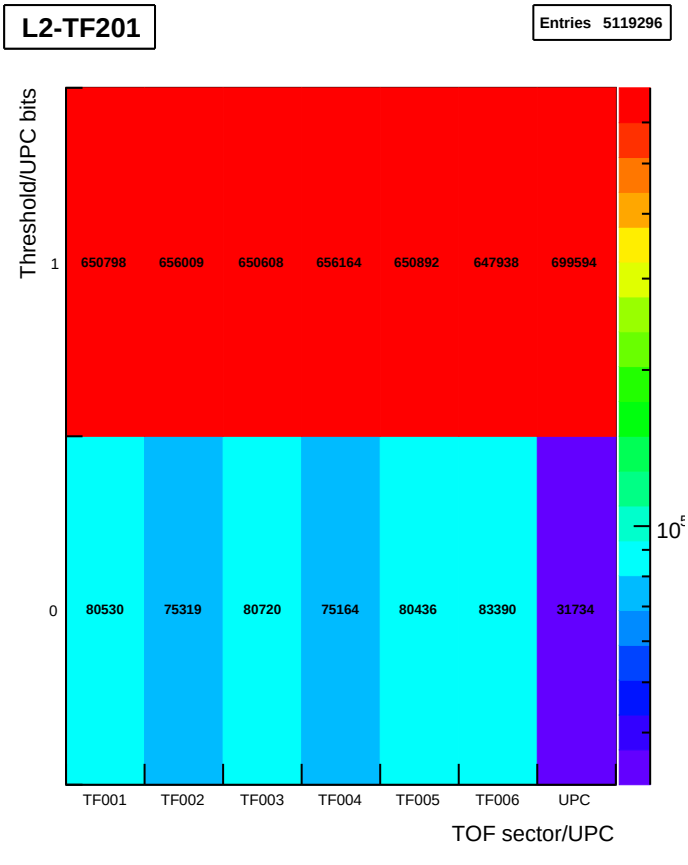

MIX-TF101
Entries 241345
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

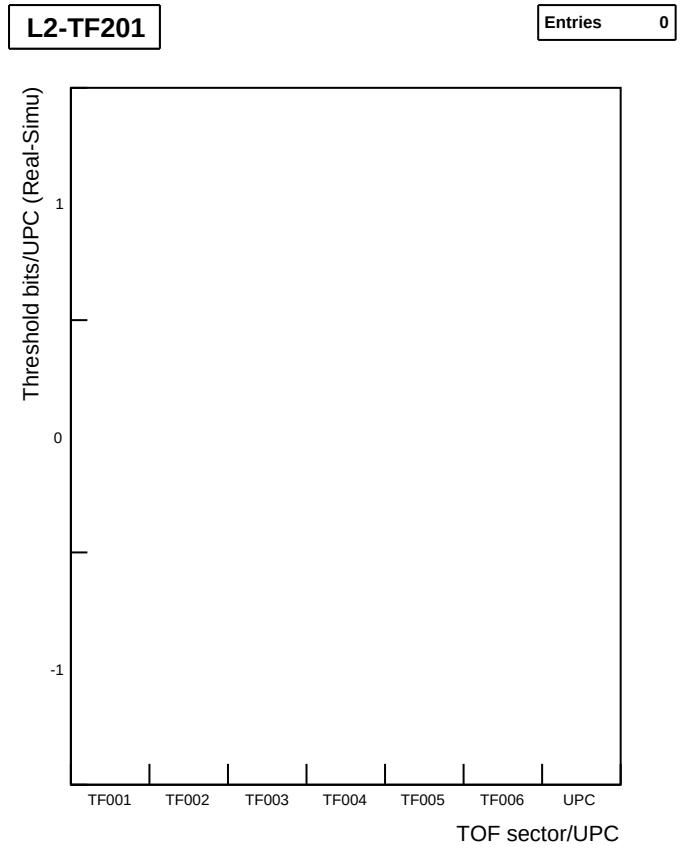

MIX-TF101
Entries 4387968
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

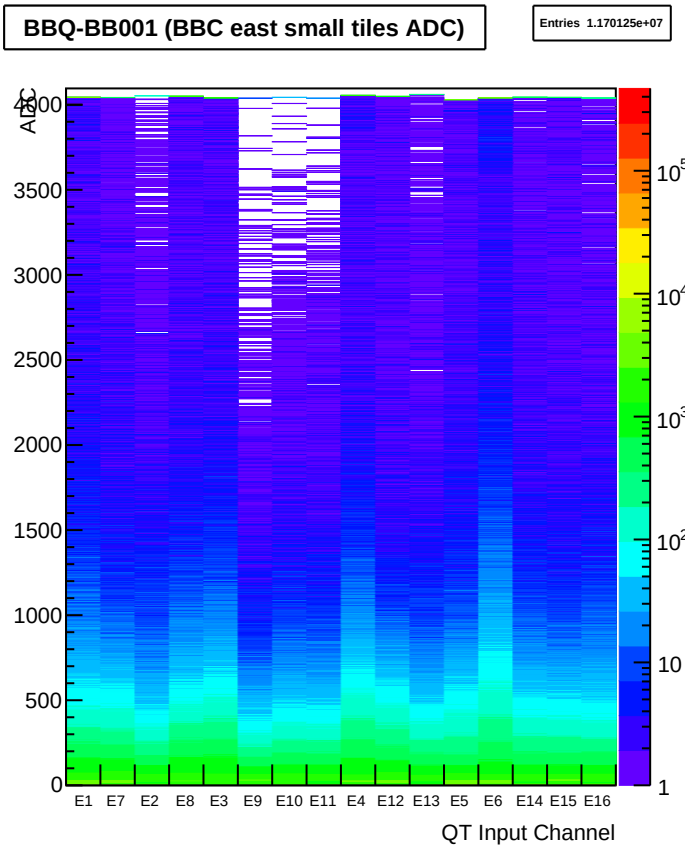

MIX-TF101
Entries 533878
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

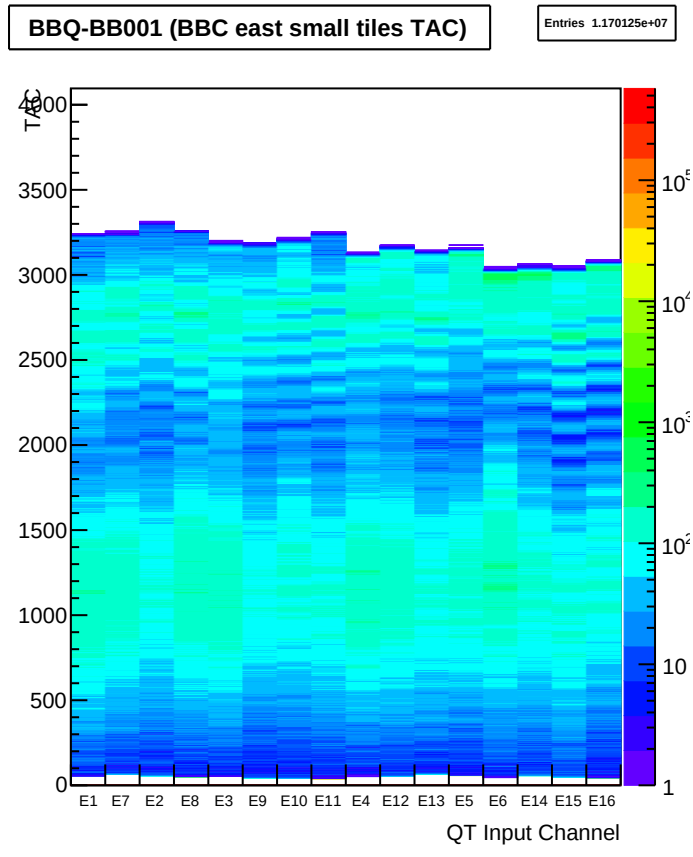

L2-TF201
Entries 731328
TOF total mult

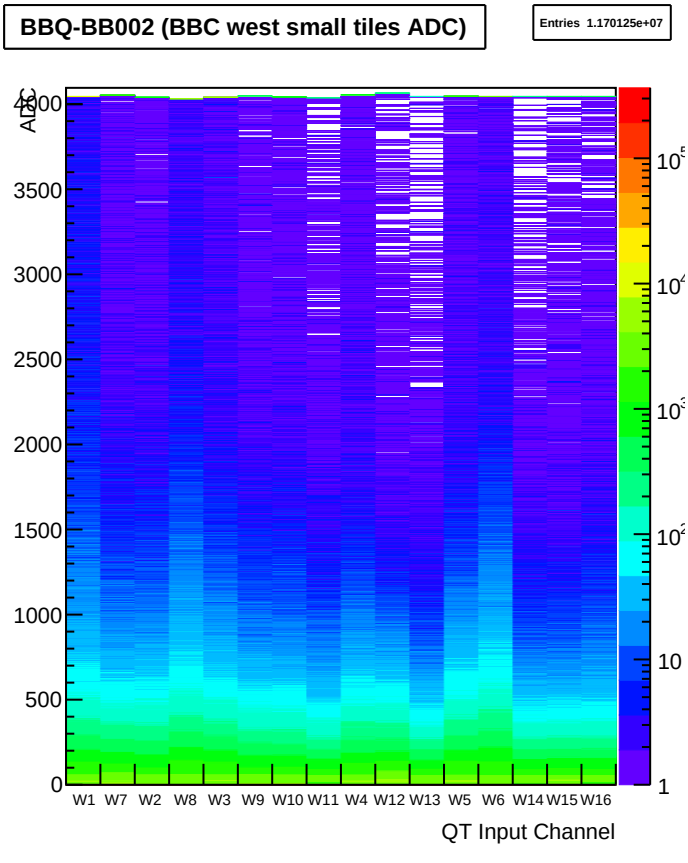

L2-TF201
Entries 0
TOF total mult(Real-Simu)

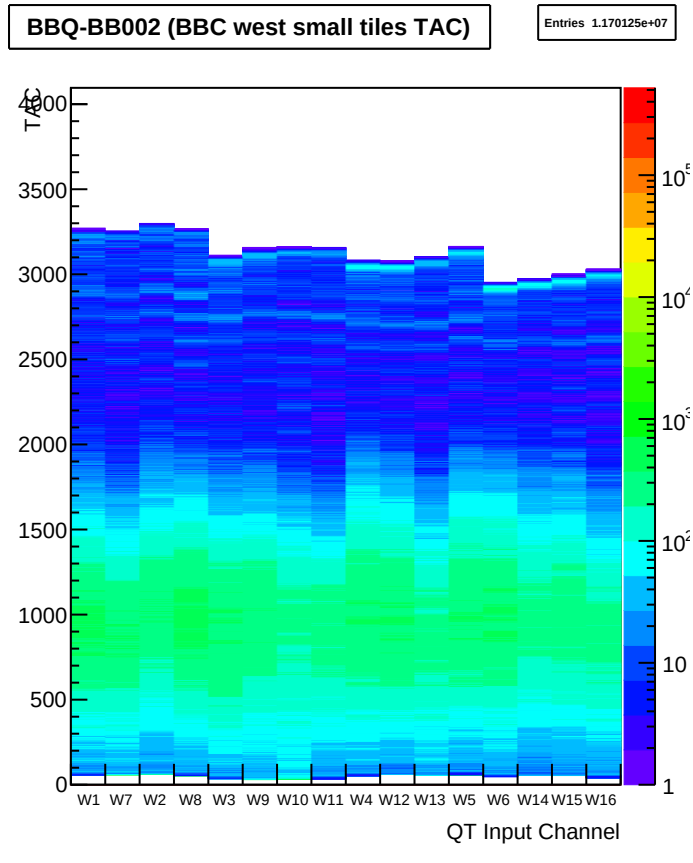

L2-TF201
Entries 5119296
Threshold/UPC bits
650798
656009
650608
656164
650892
647938
699594
80530
75319
80720
75164
80436
83390
31734
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

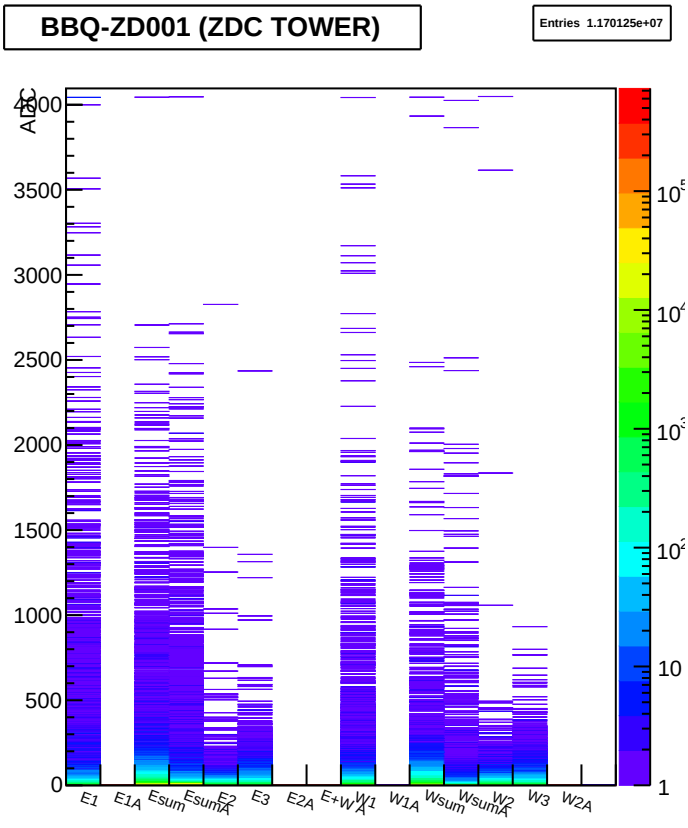

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

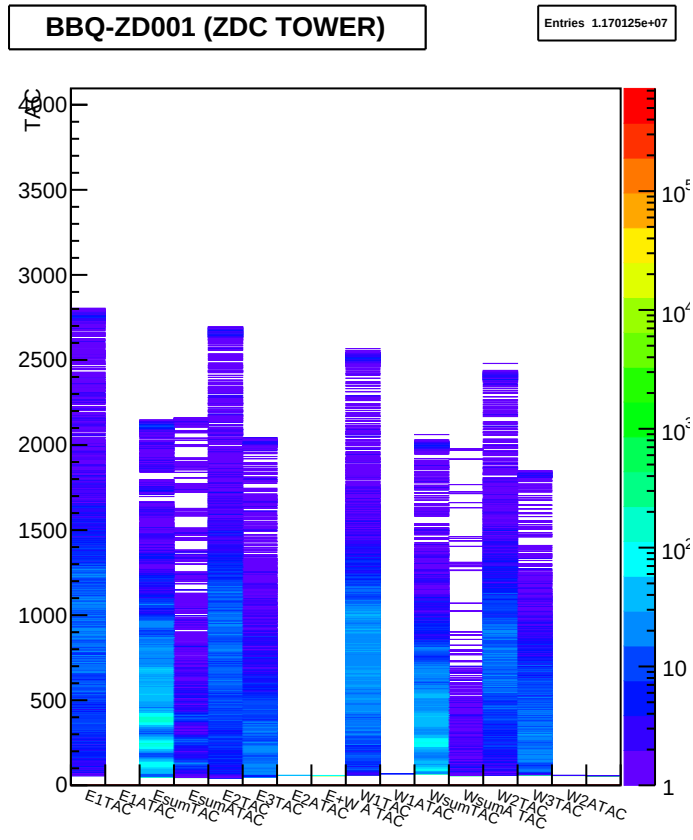

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.170125e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

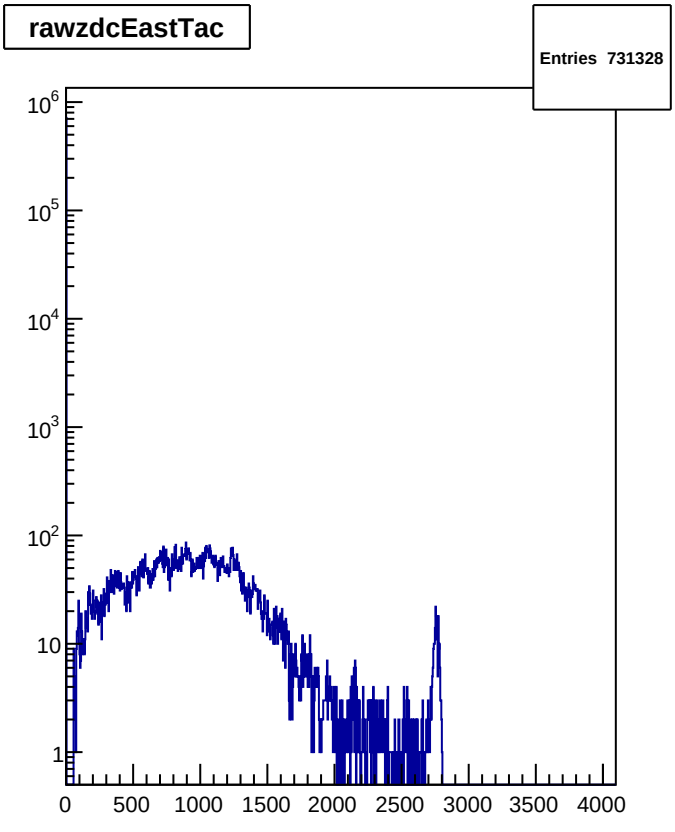

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.170125e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

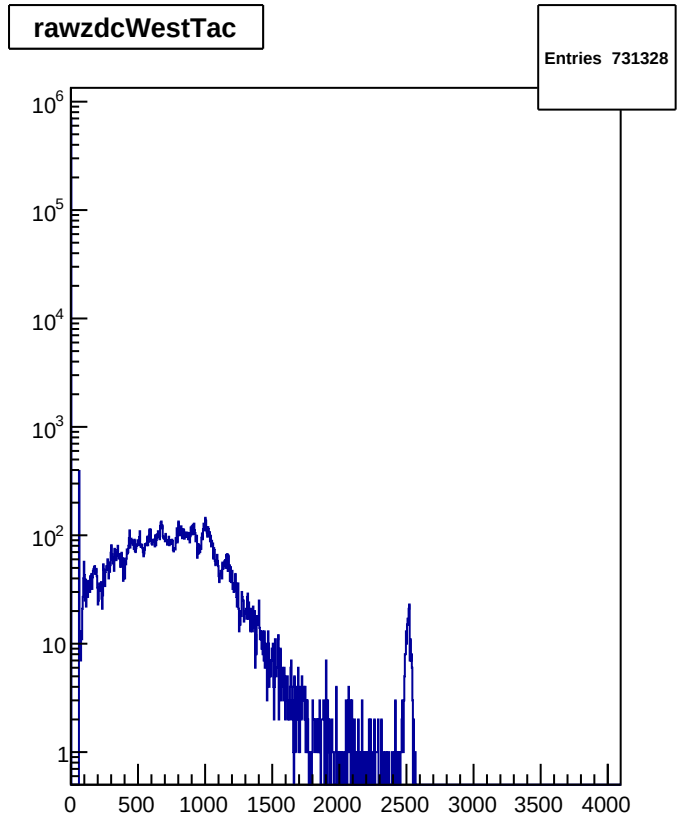

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.170125e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

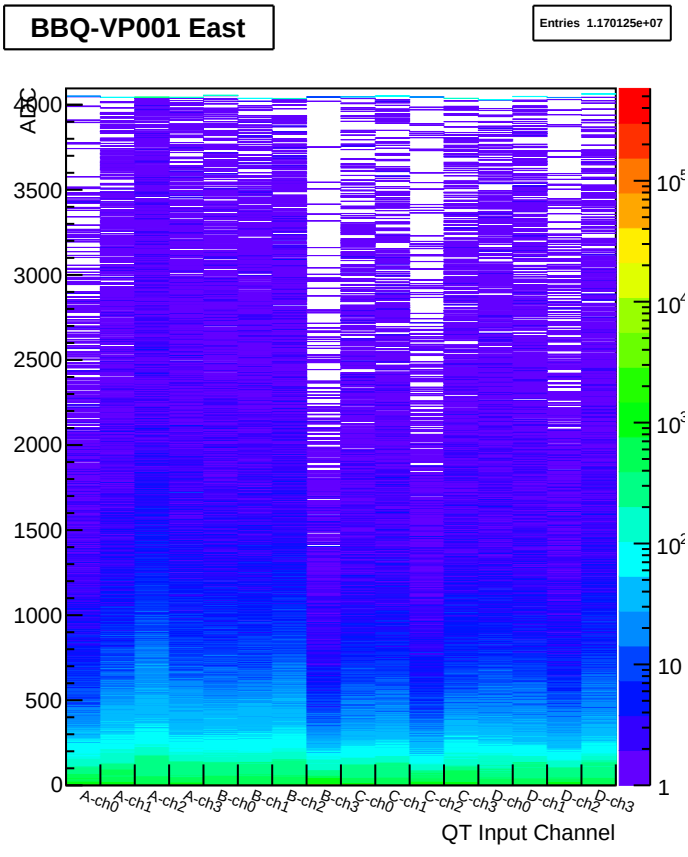

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.170125e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

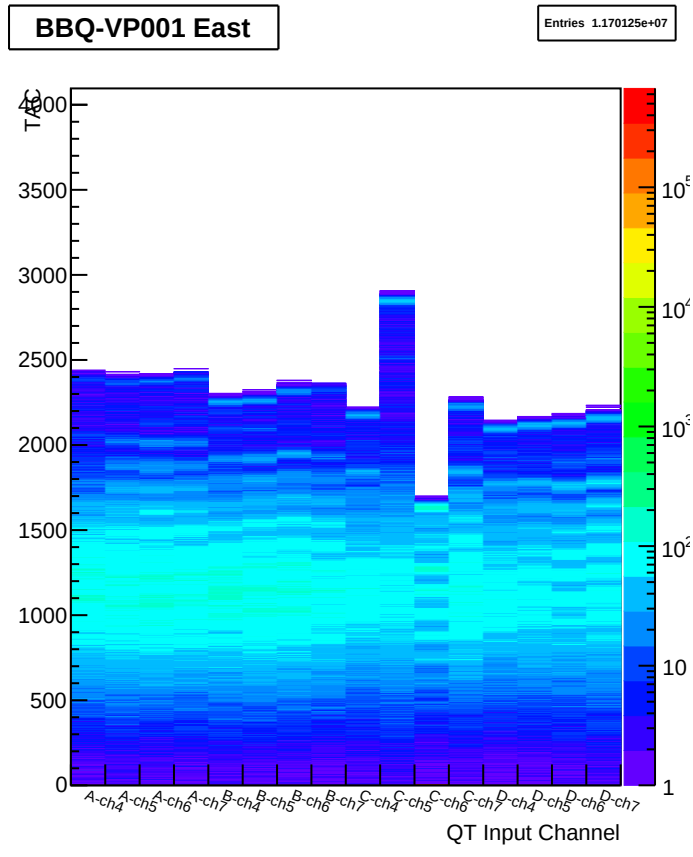

BBQ-ZD001 (ZDC TOWER)
Entries 1.170125e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

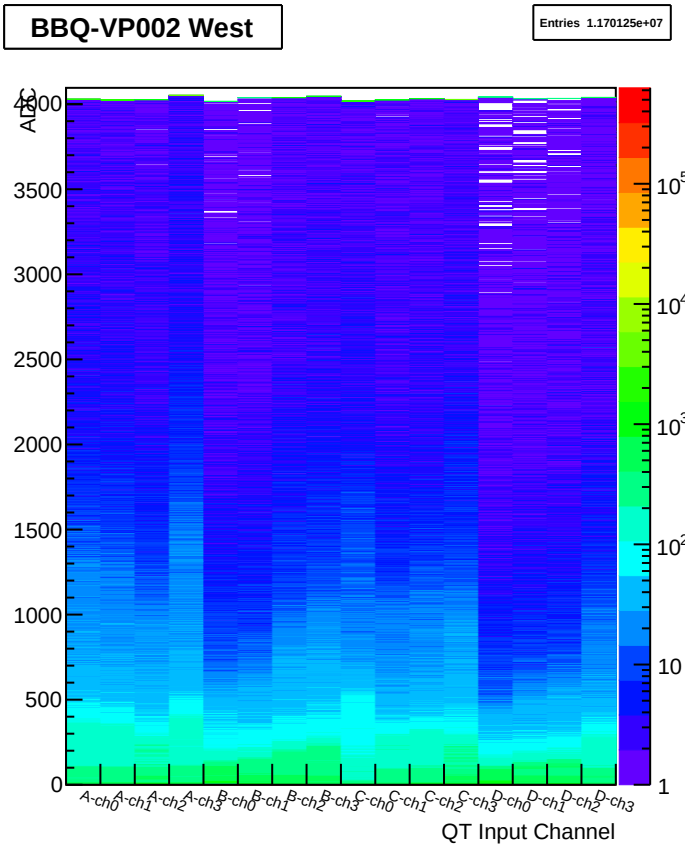

BBQ-ZD001 (ZDC TOWER)
Entries 1.170125e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

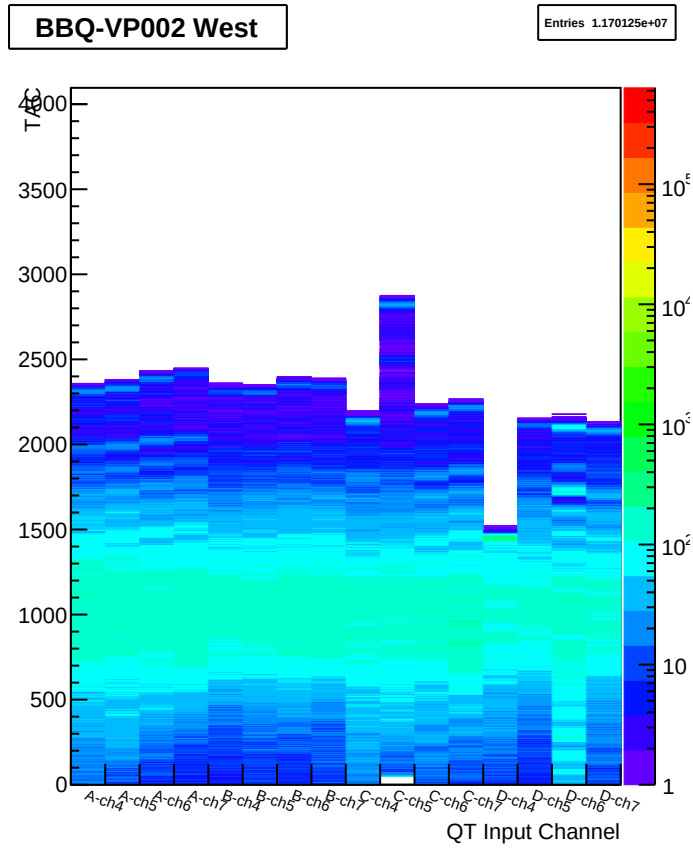

rawzdcEastTac
Entries 731328

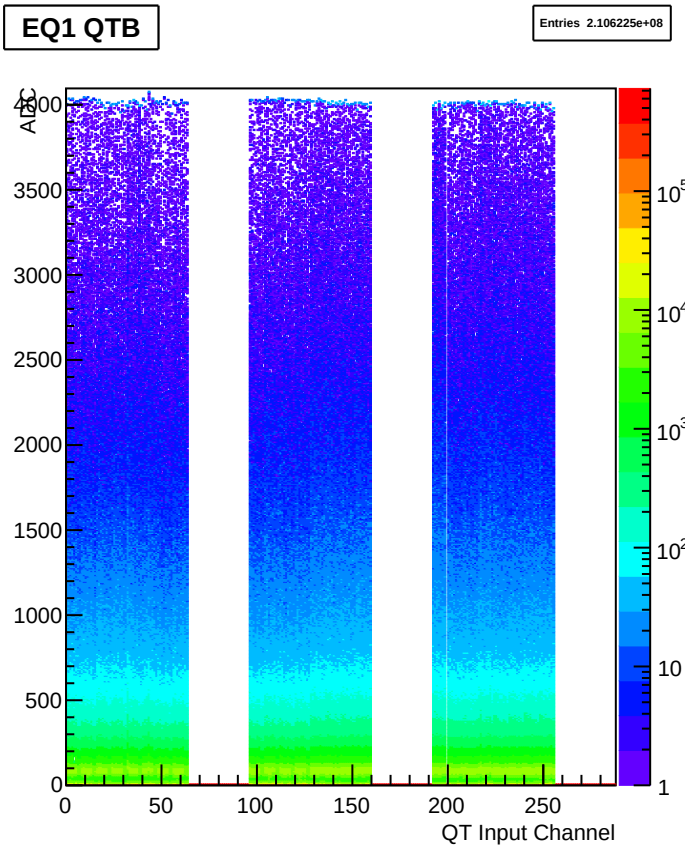

rawzdcWestTac
Entries 731328

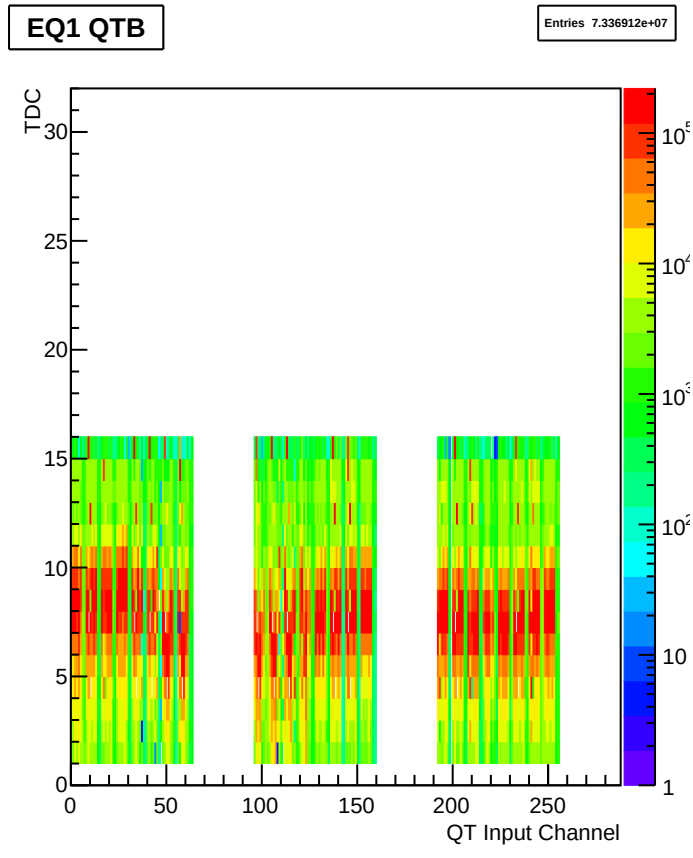

BBQ-VP001 East
Entries 1.170125e+07
ADC
QT Input Channel

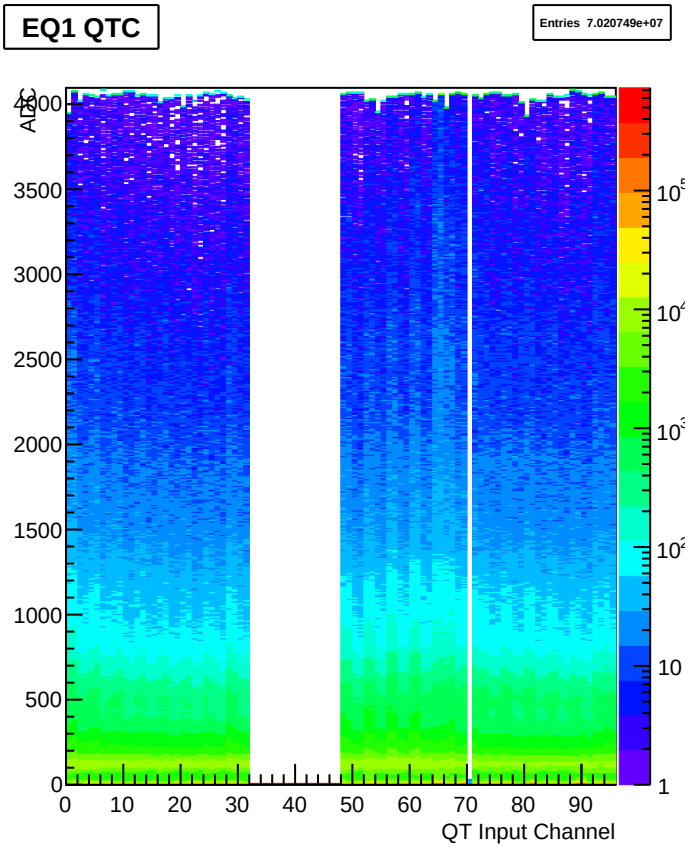

BBQ-VP001 East
Entries 1.170125e+07
TADC
QT Input Channel

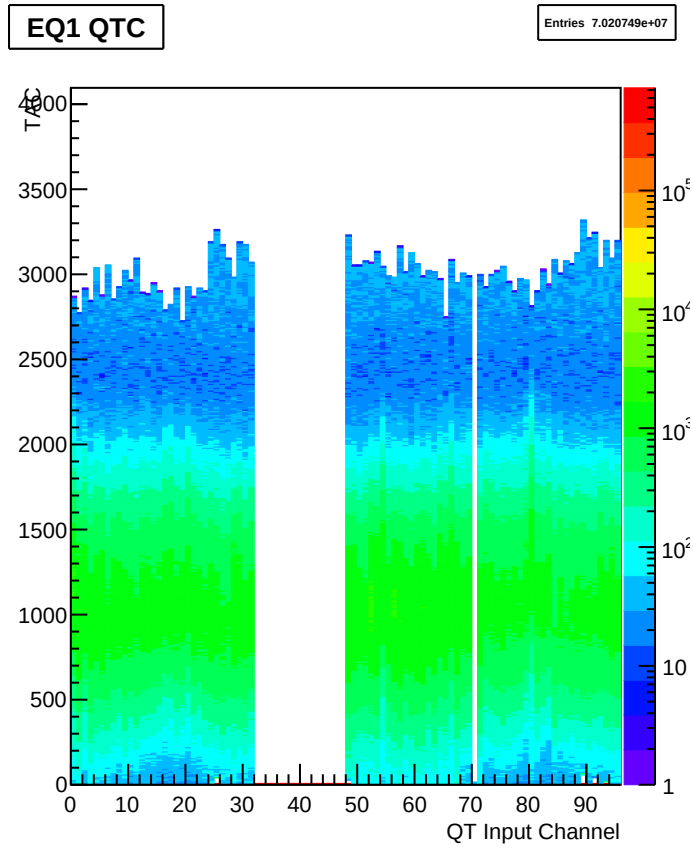

BBQ-VP002 West
Entries 1.170125e+07
ADC
QT Input Channel

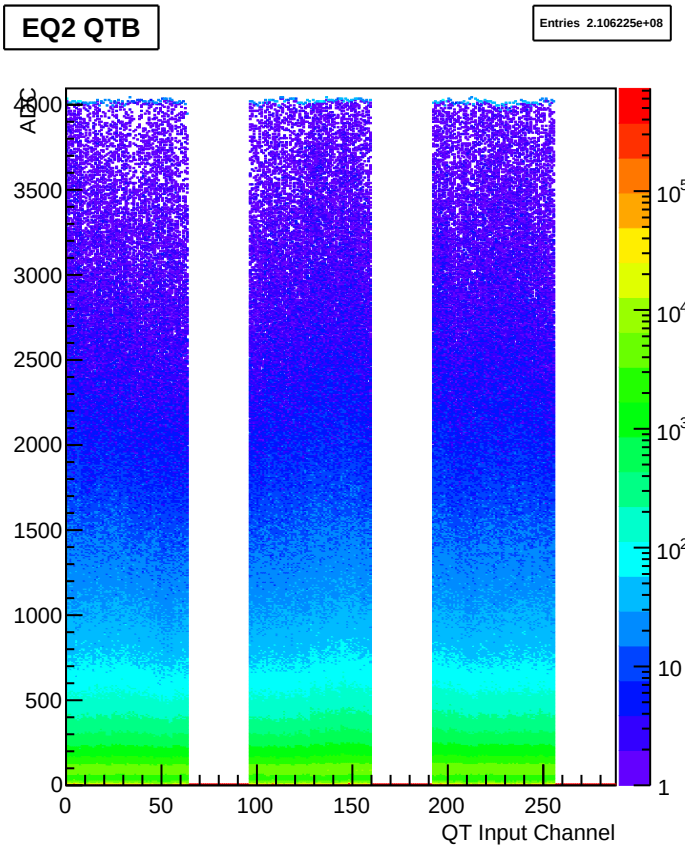

BBQ-VP002 West
Entries 1.170125e+07
TADC
QT Input Channel

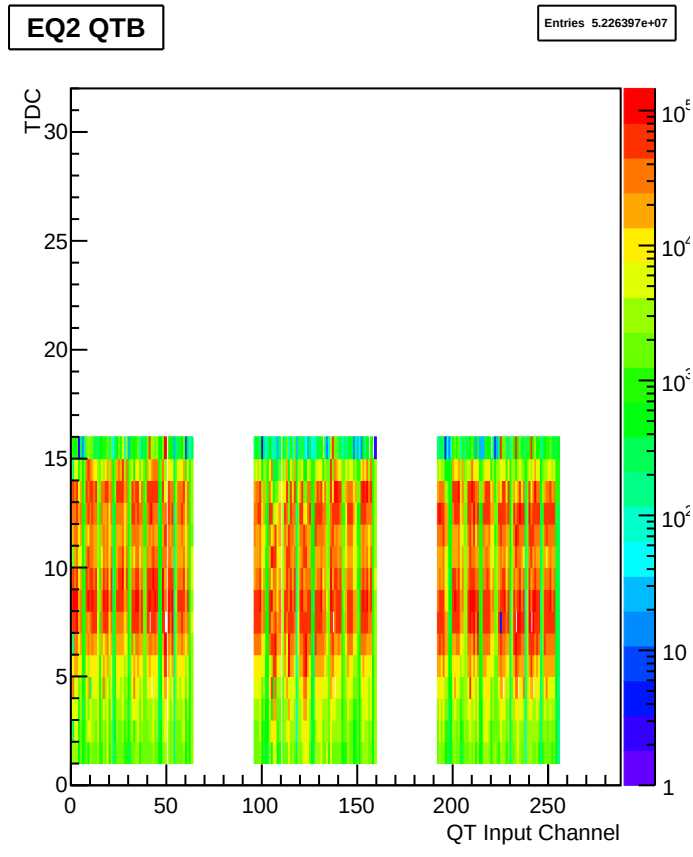

EQ1 QTB
Entries 2.106225e+08
ADC
QT Input Channel

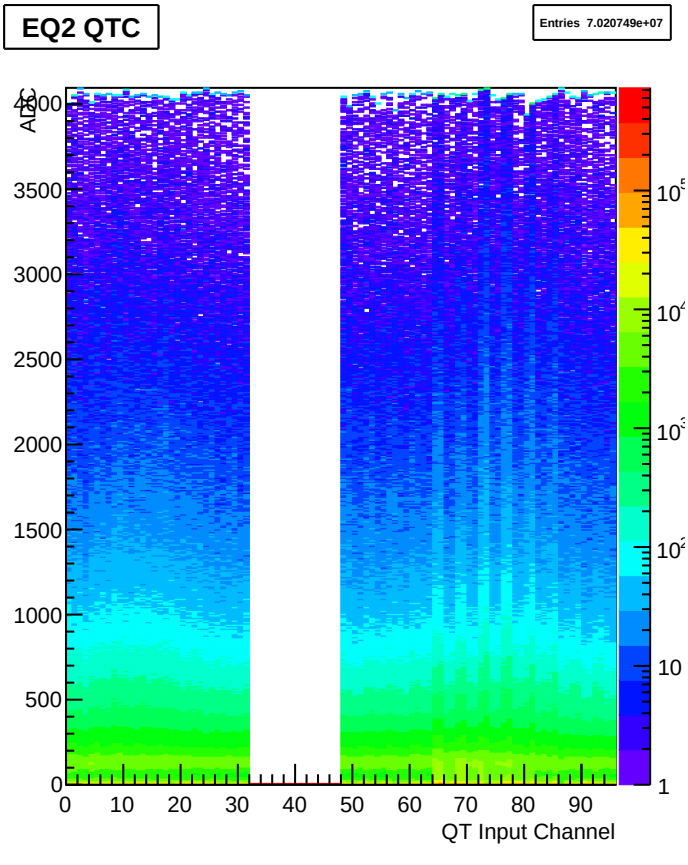

EQ1 QTB
Entries 7.336912e+07
TDC
QT Input Channel

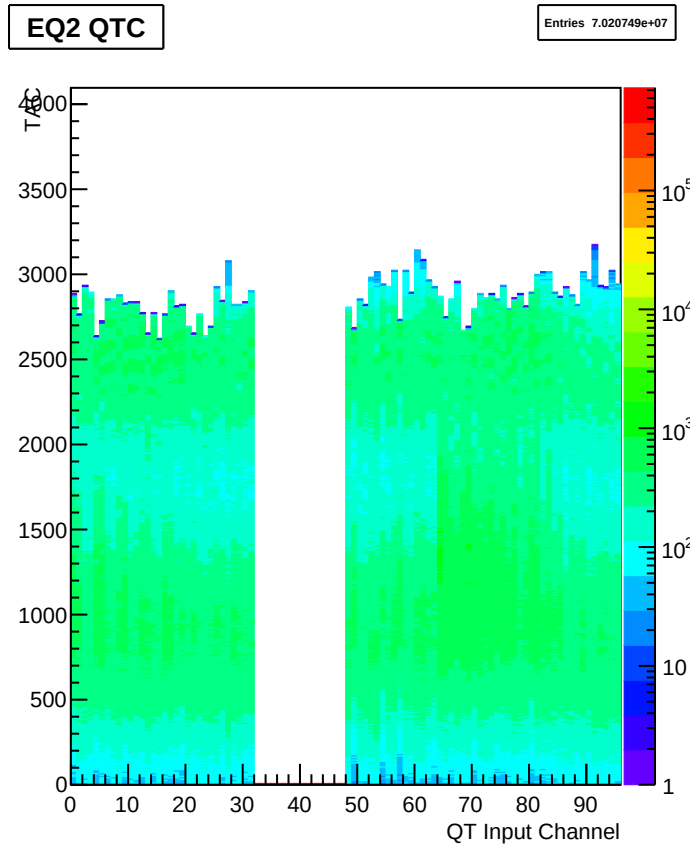

EQ1 QTC
Entries 7.020749e+07
ADC
QT Input Channel

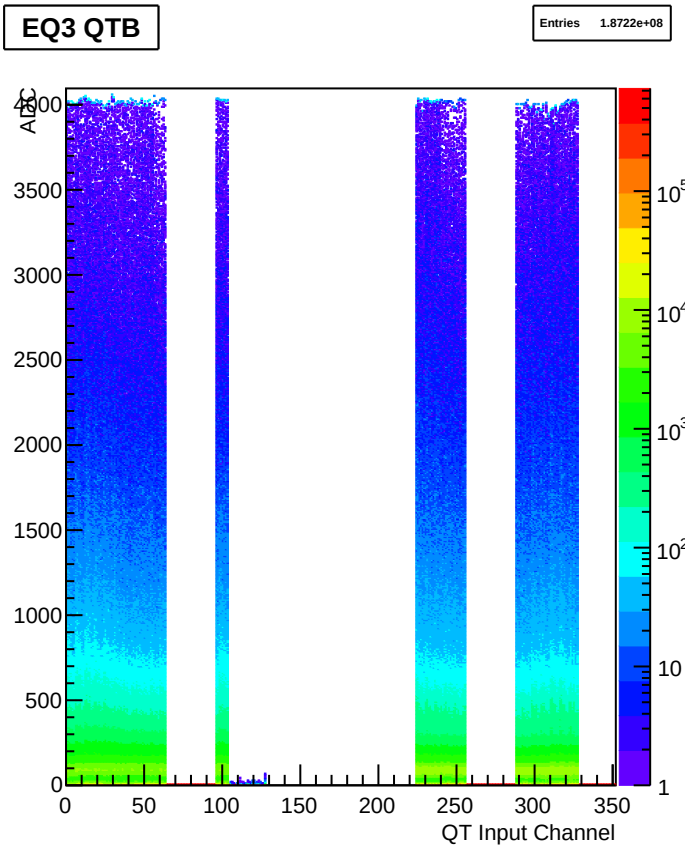

EQ1 QTC
Entries 7.020749e+07
TADC
QT Input Channel

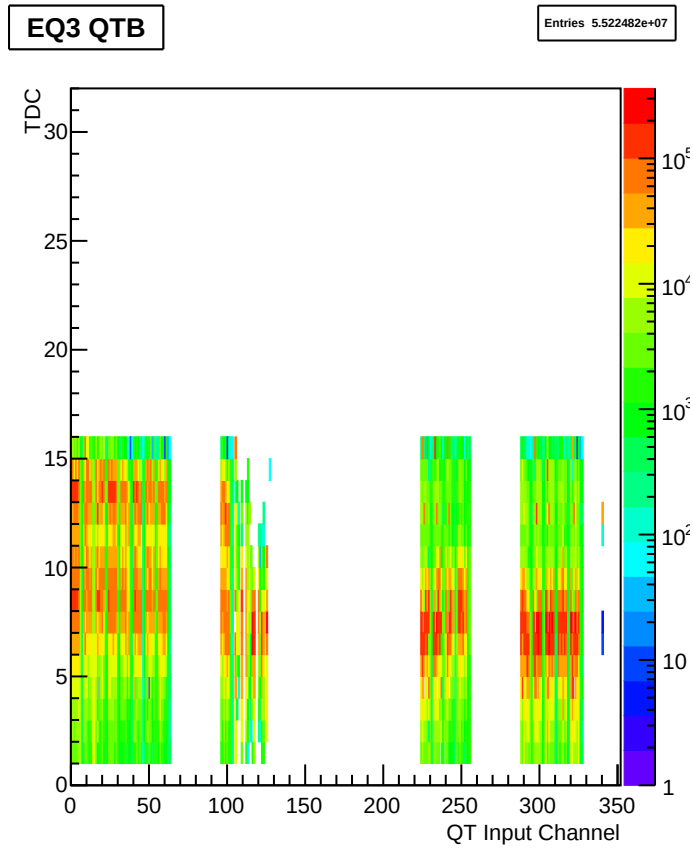

EQ2 QTB
Entries 2.106225e+08
ADC
QT Input Channel

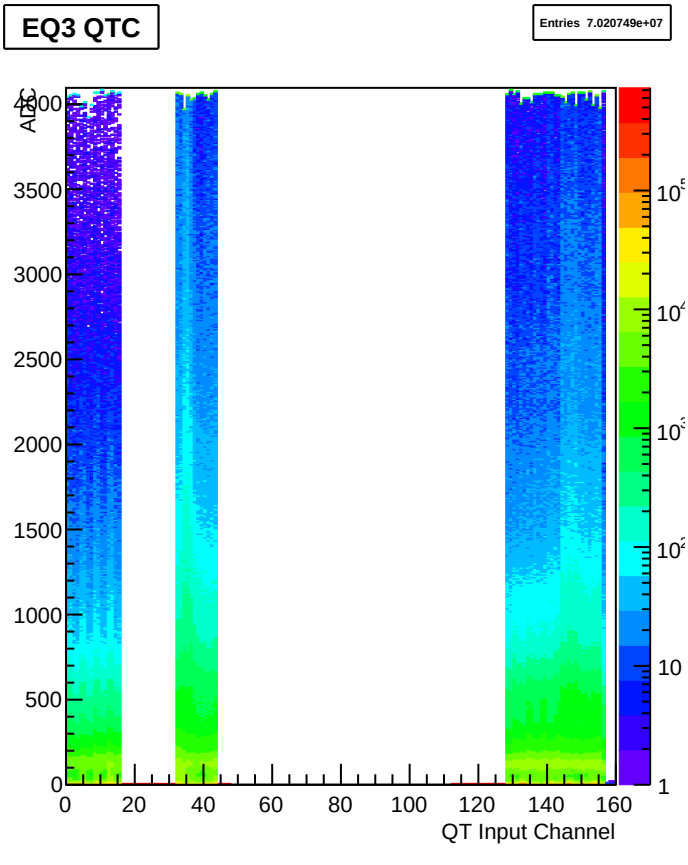

EQ2 QTB
Entries 5.226397e+07
TDC
QT Input Channel


EQ2 QTC
Entries 7.020749e+07
ADC
QT Input Channel


EQ2 QTC
Entries 7.020749e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.8722e+08
ADC
QT Input Channel


EQ3 QTB
Entries 5.522482e+07
TDC
QT Input Channel


EQ3 QTC
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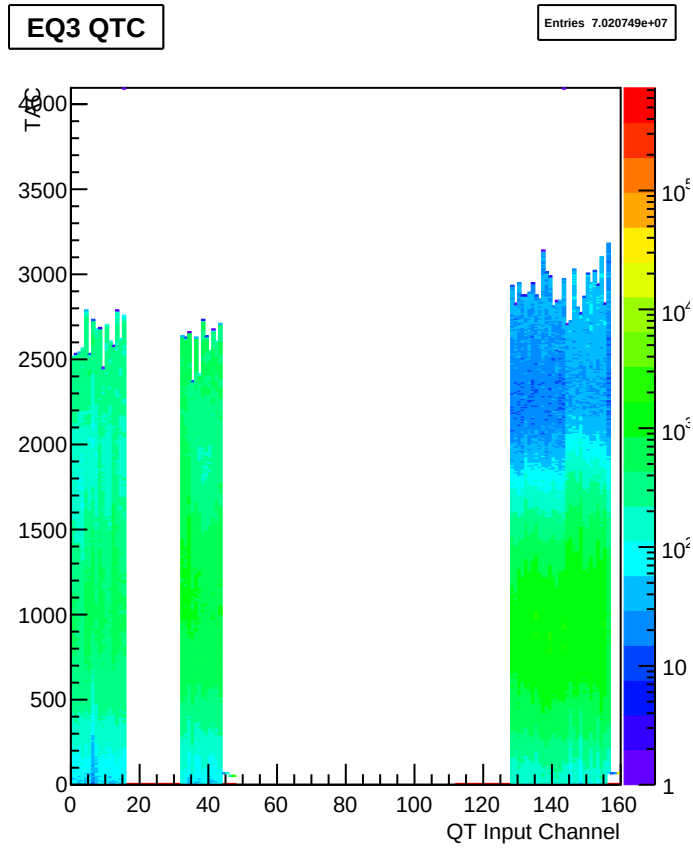
ADC
QT Input Channel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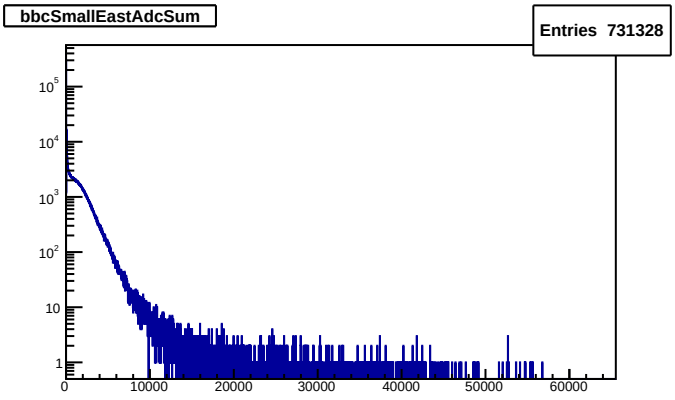
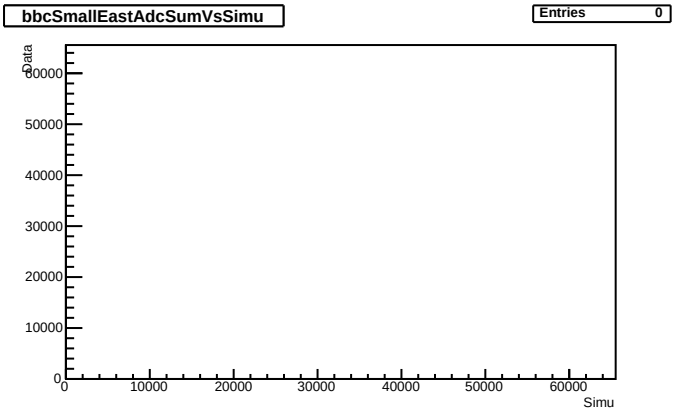
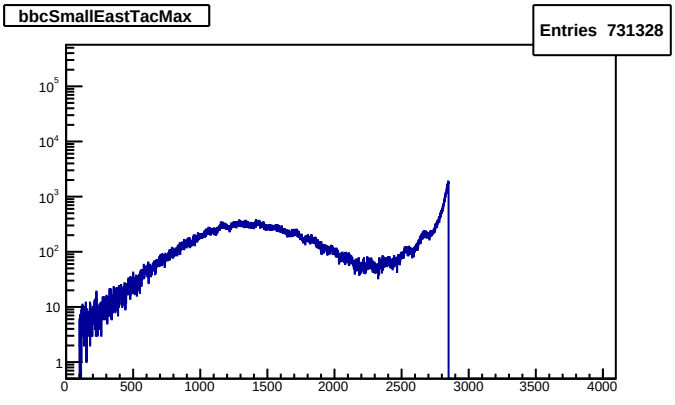
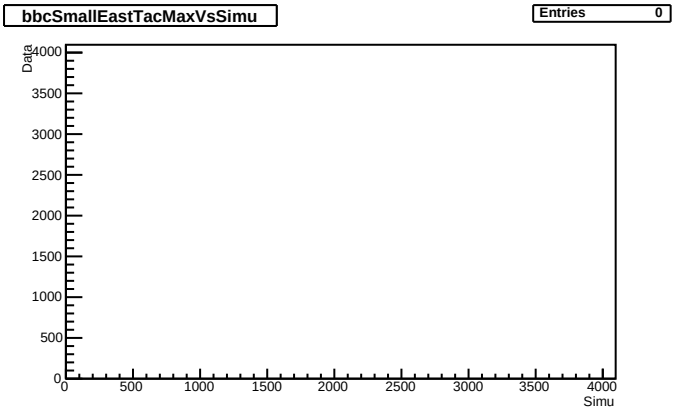
QT Input Channel


bbcSmallEastAdcSum
Entries 731328


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 731328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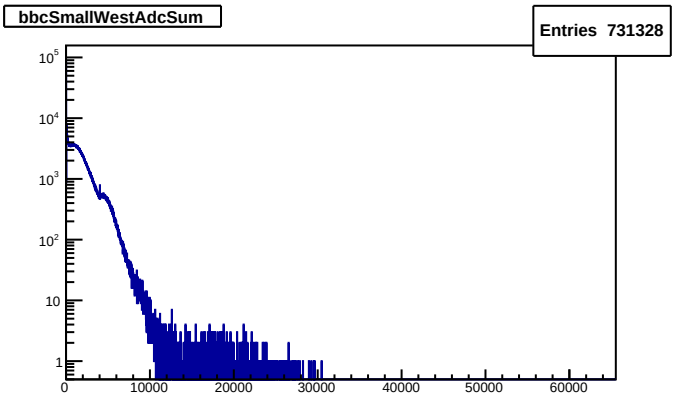
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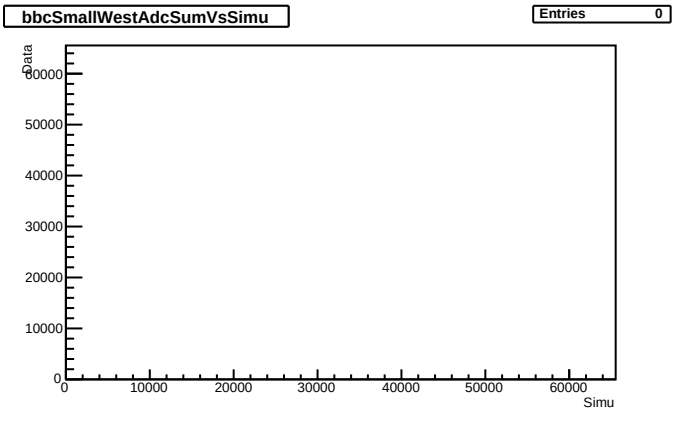
Entries 731328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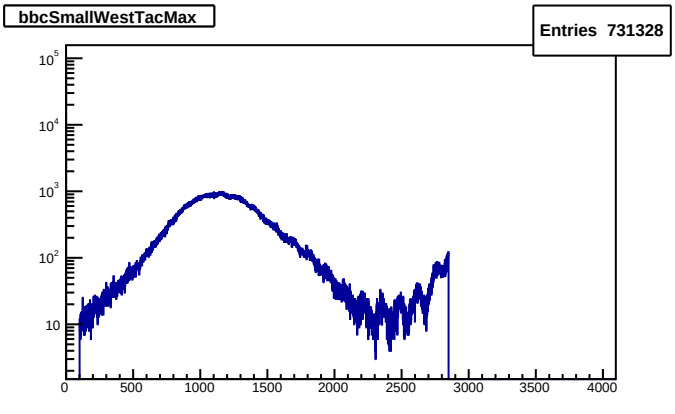
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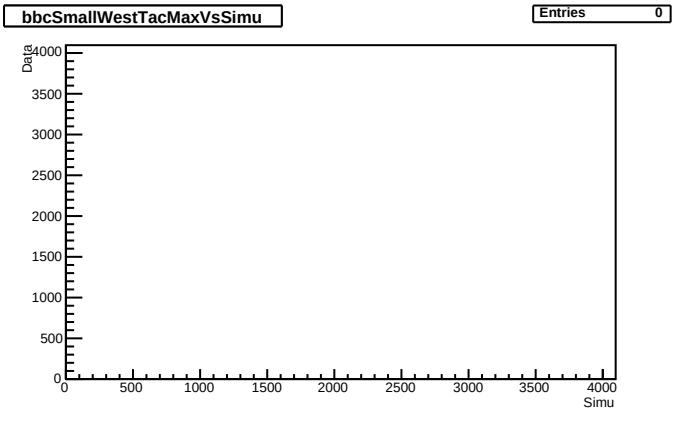
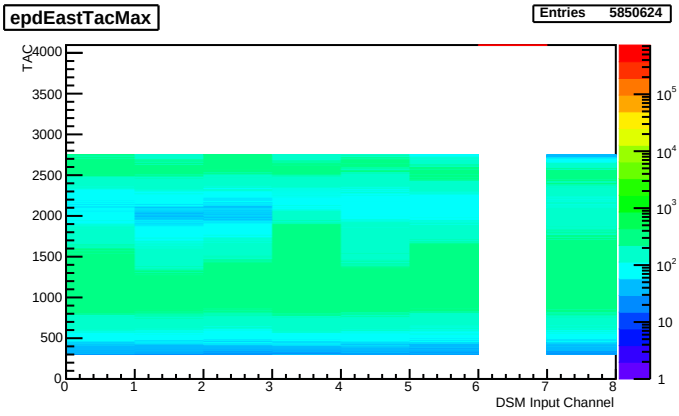
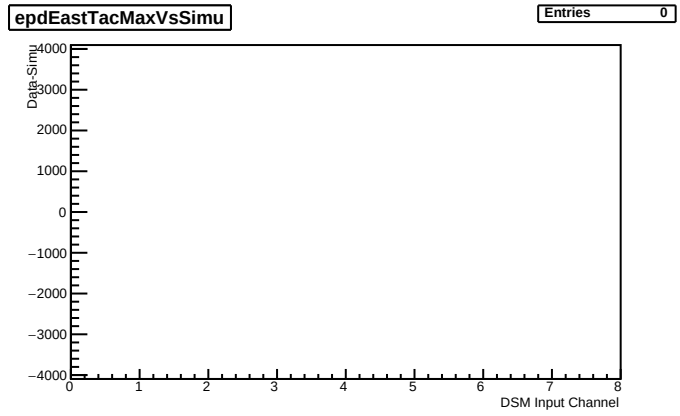
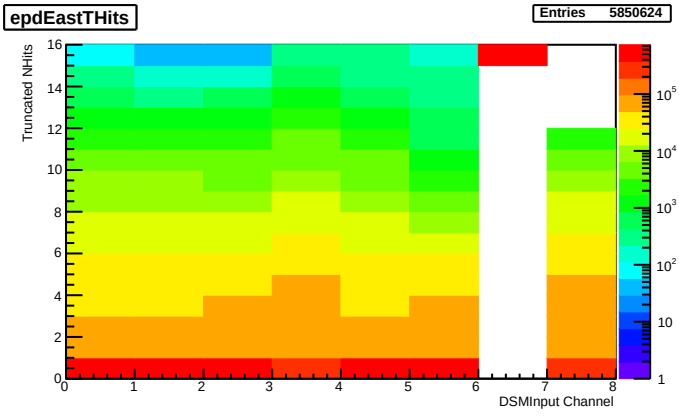
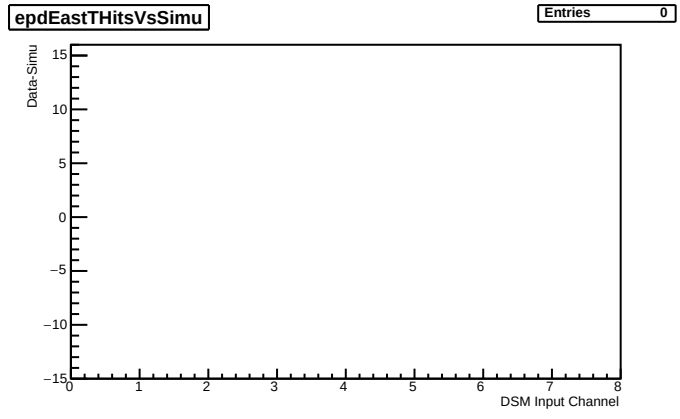
Entries 731328


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 5850624
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5850624
Truncated NHits
DSMInput Channel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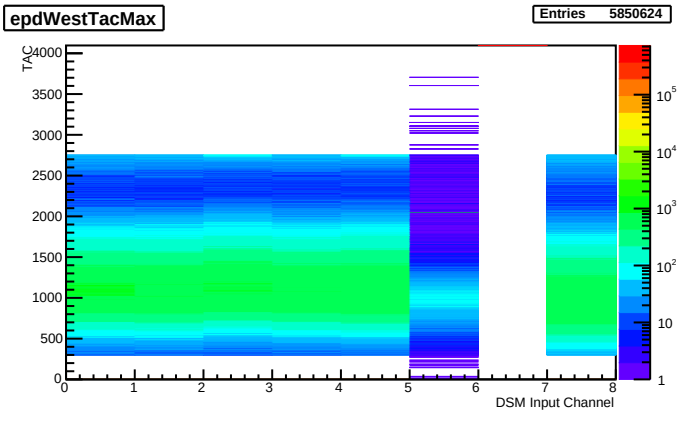
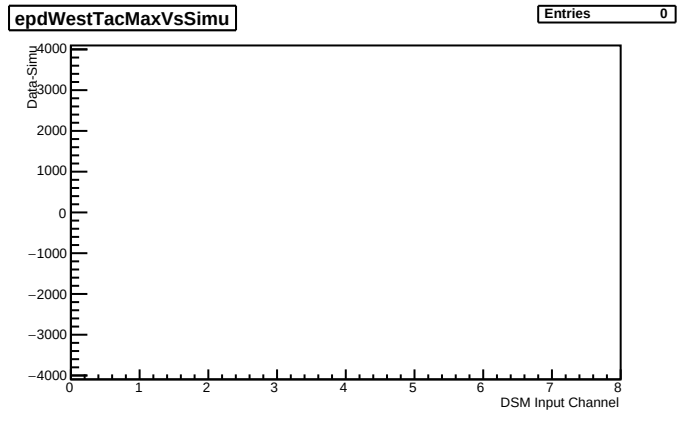
DSM Input Channel


epdWestTacMax
Entries 5850624
TAC
DSM Input Channel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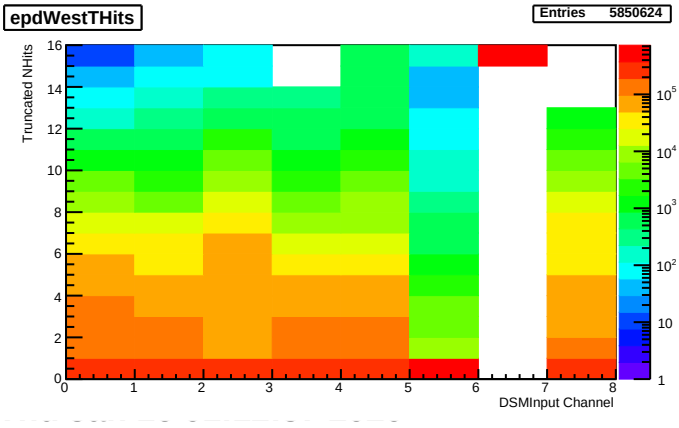
Entries 0
Data-Simu
DSM Input Channel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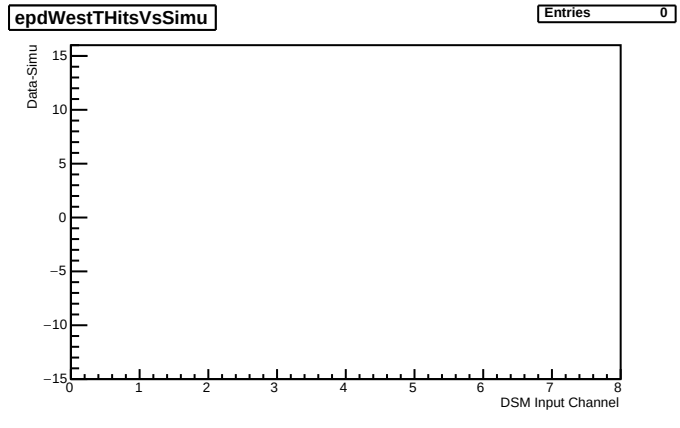
Truncated NHits
DSMInput Channel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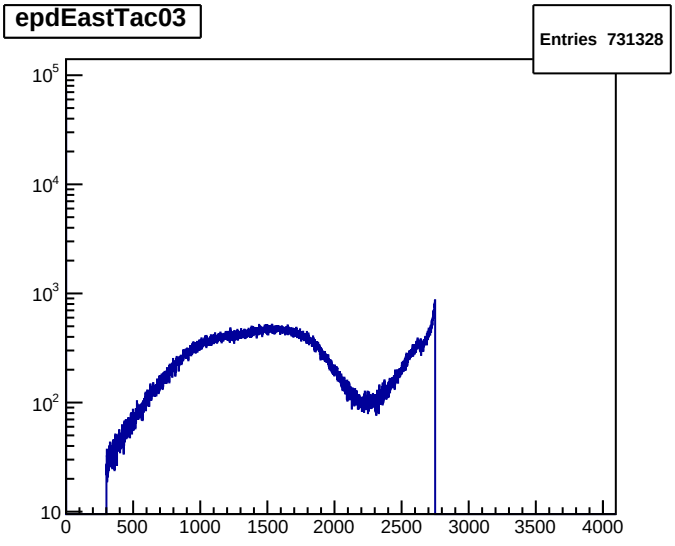
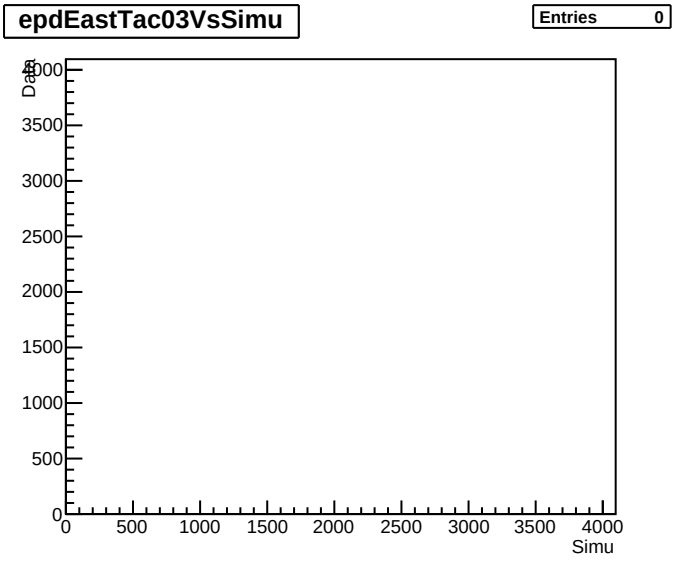
Data-Simu
DSM Input Channel


epdEastTac03
Entries 731328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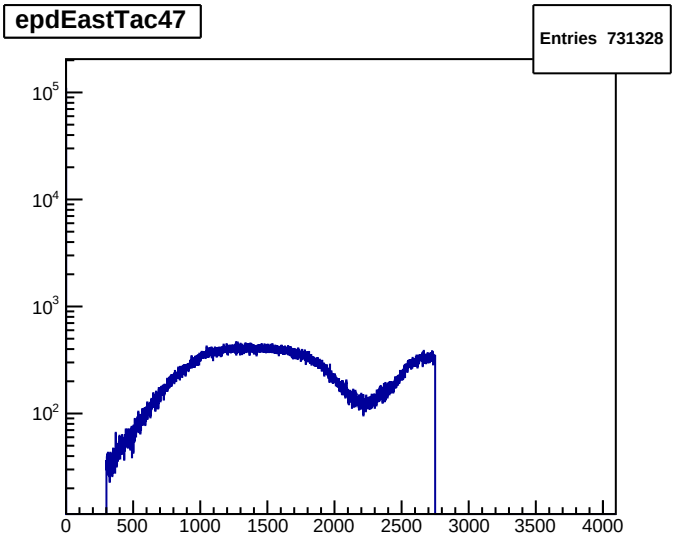
Entries 0
Data
Simu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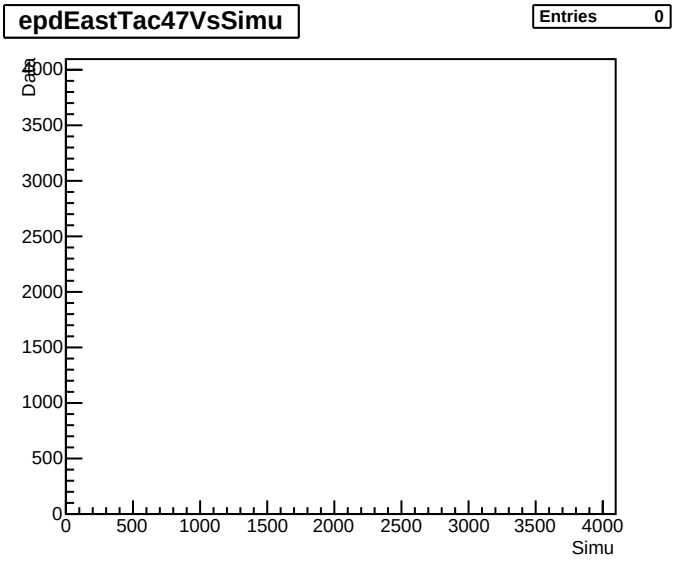
Entries 731328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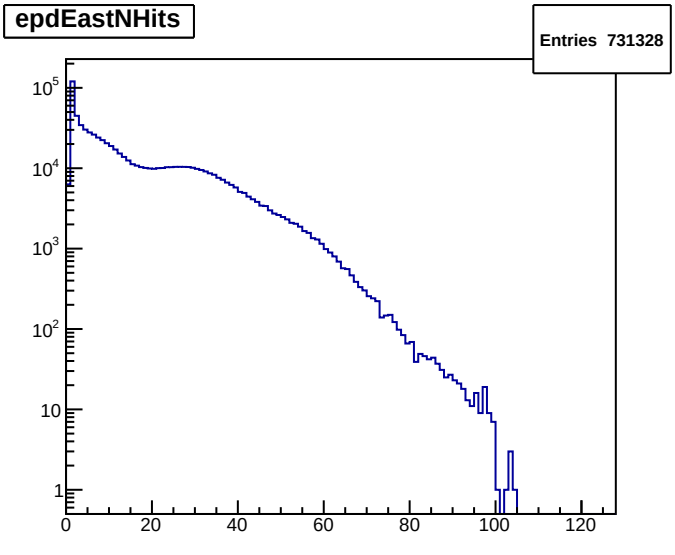
Entries 0
Data
Simu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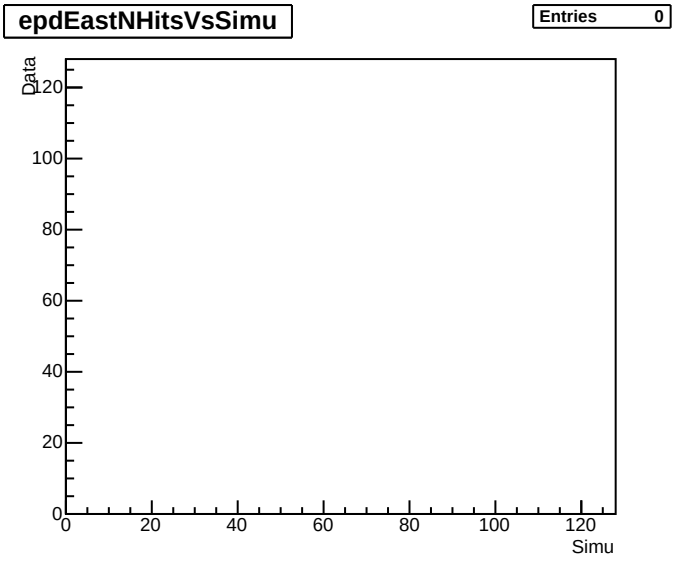
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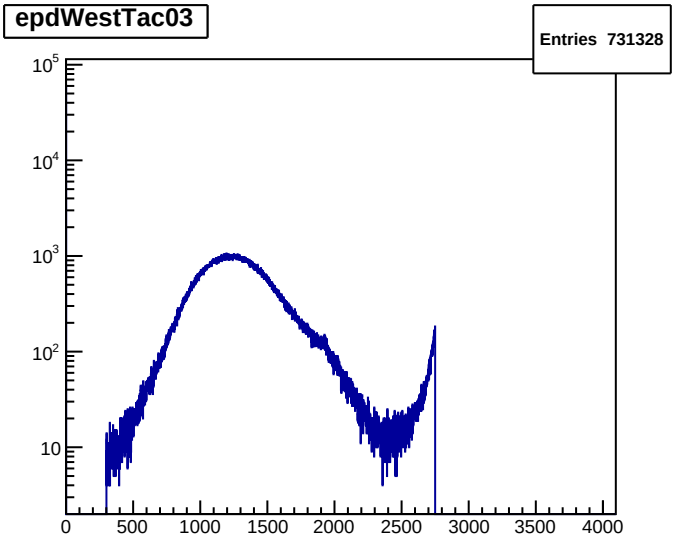
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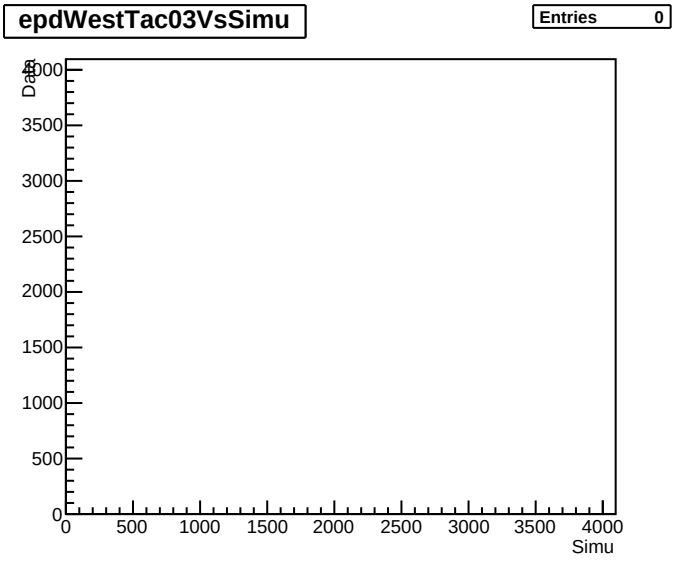
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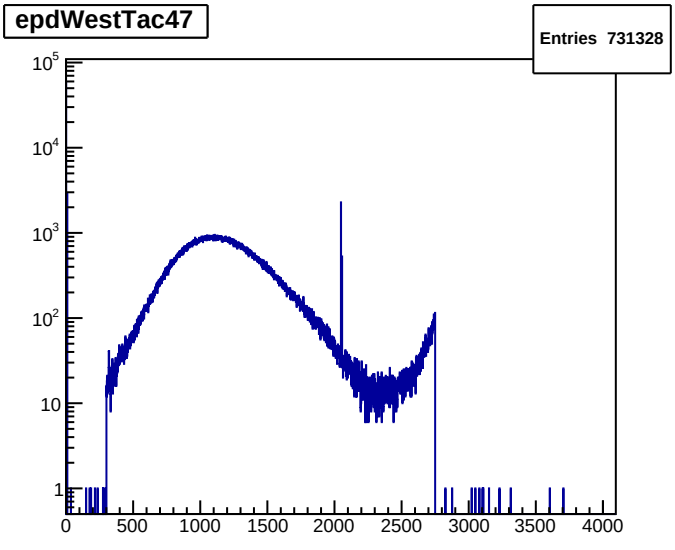
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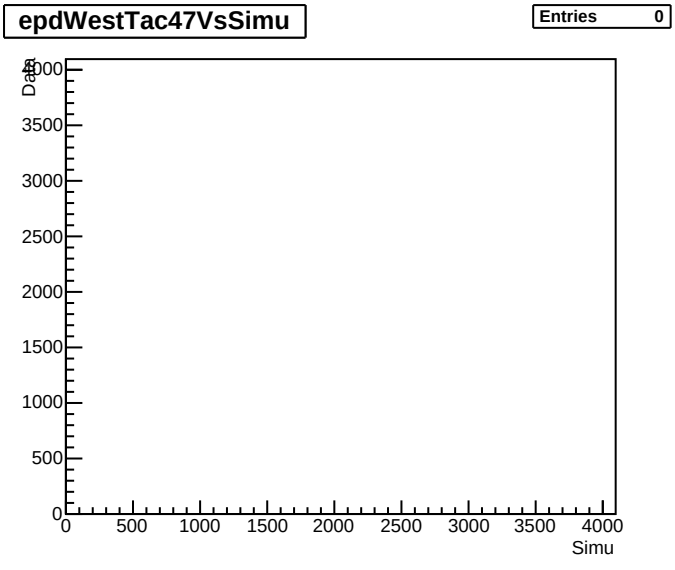
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Data
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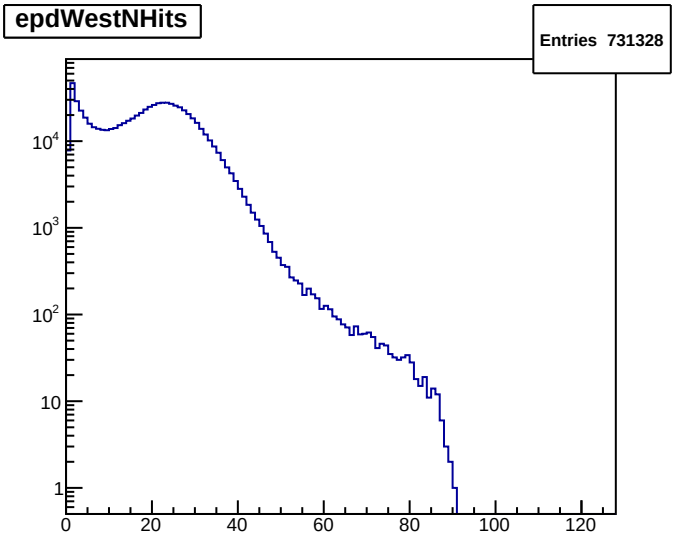
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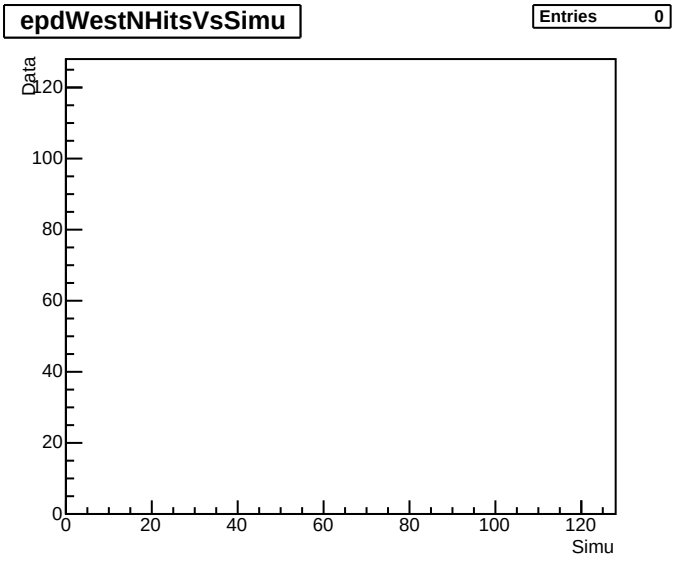
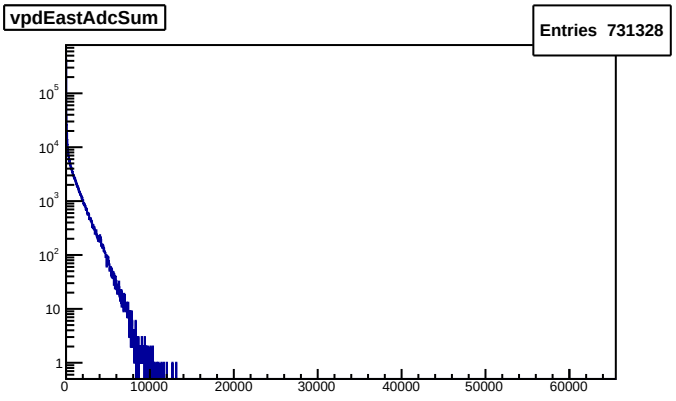
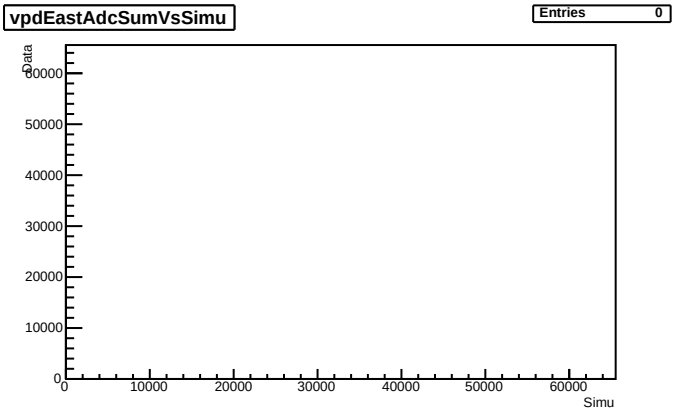
Entries 731328


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 731328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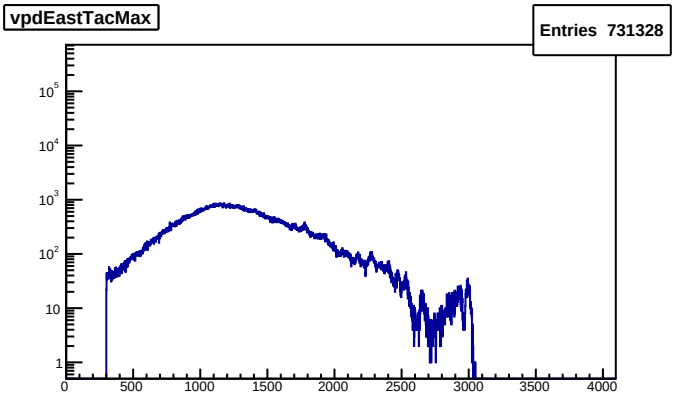
Entries 0
Data
Simu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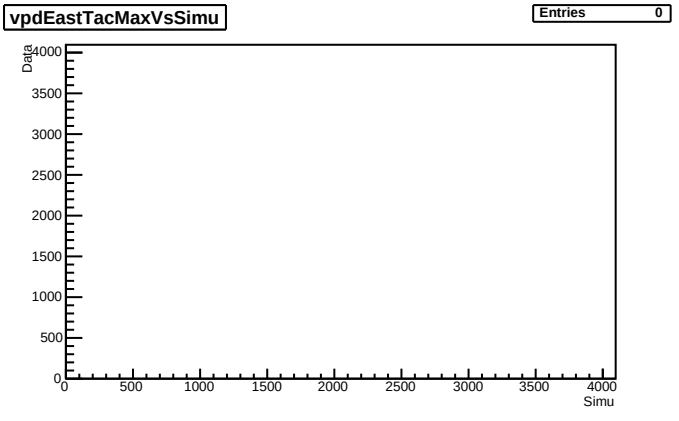
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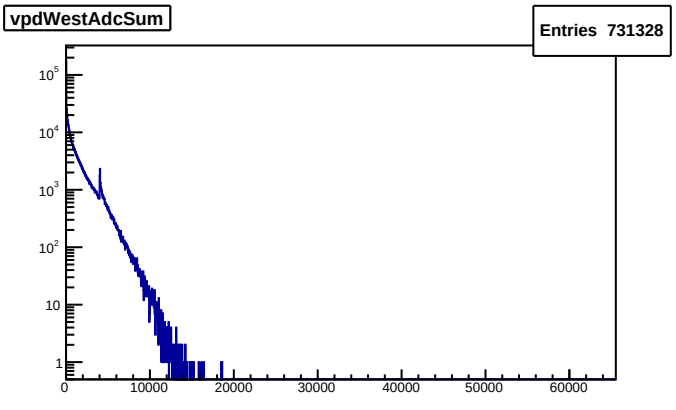
Simu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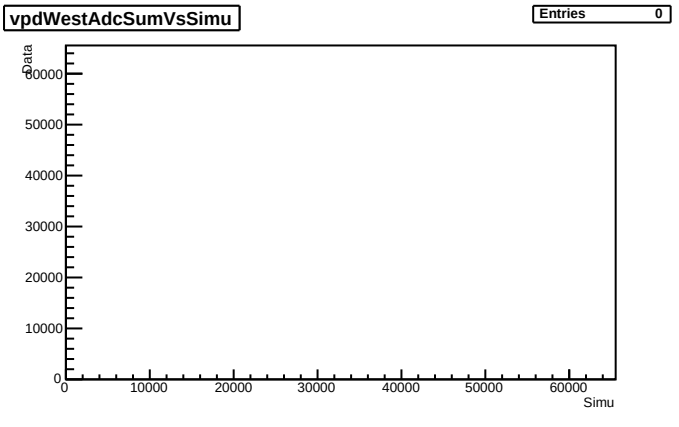
Entries 731328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Entries 0
Data
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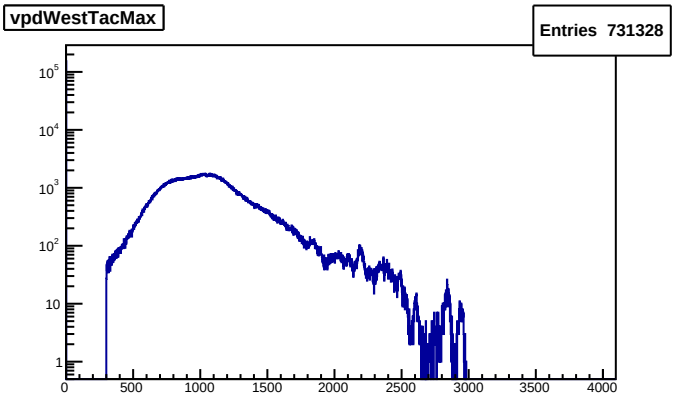
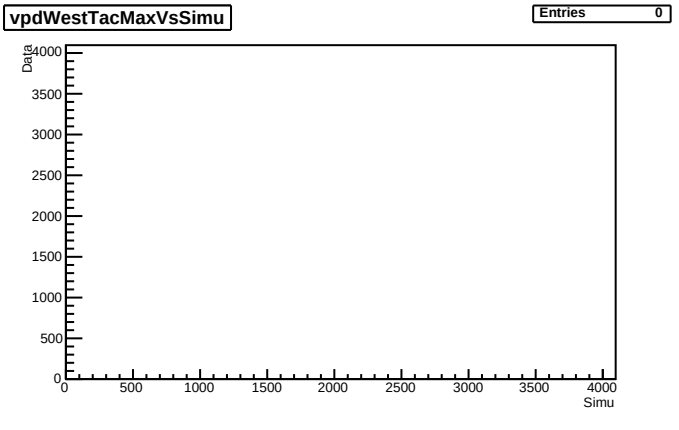
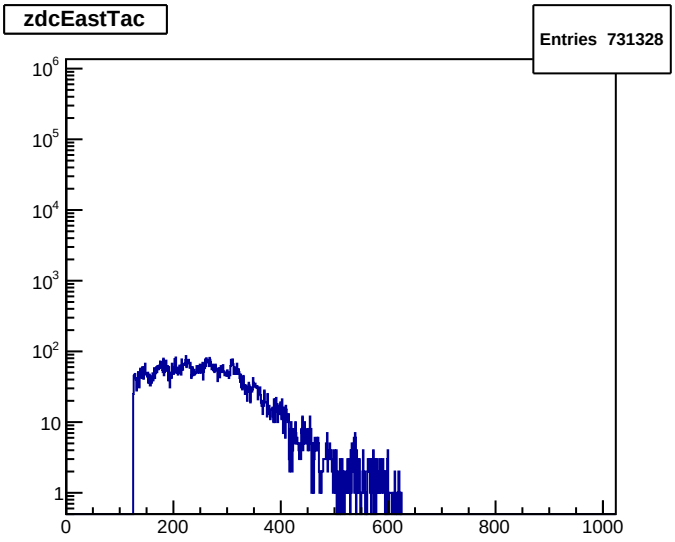
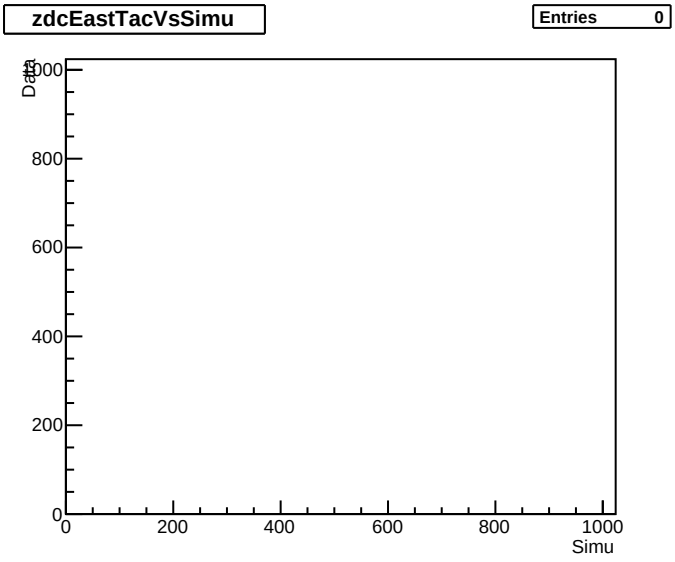

vpdWestTacMax
Entries 731328


vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 731328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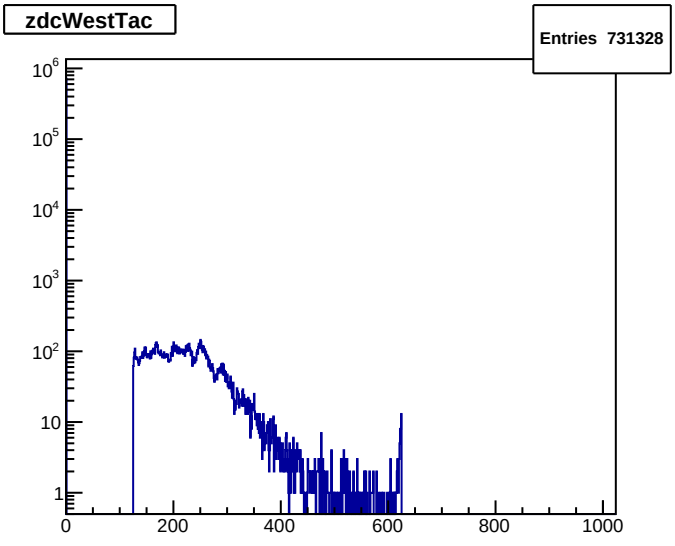
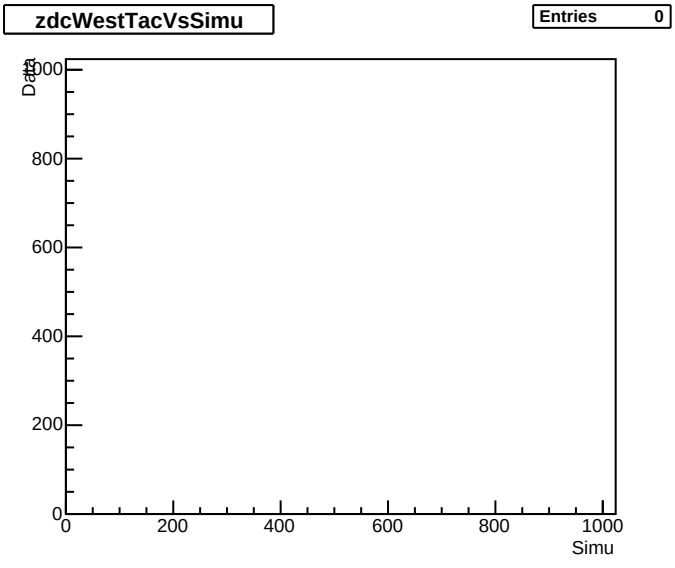
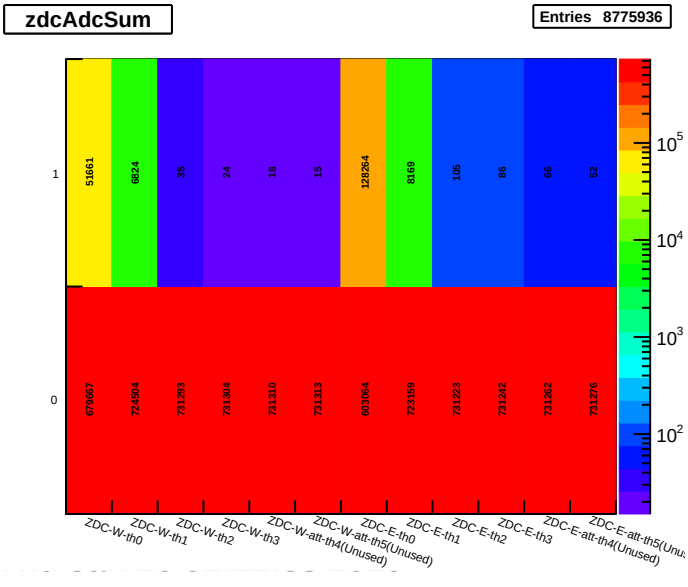
Entries 0
Data
Simu


zdcWestTac
Entries 731328


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 8775936
51661
6824
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24
18
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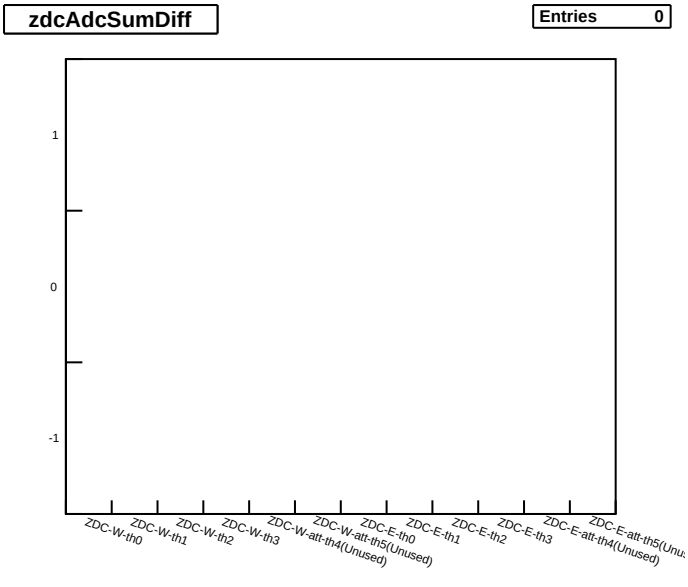
128264
8169
105
86
66
52
679687
724504
731293
731304
731310
731313
603664
723159
731223
731242
731262
731276
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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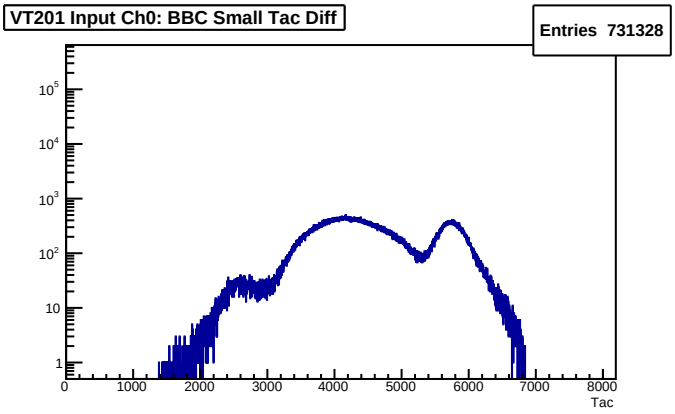
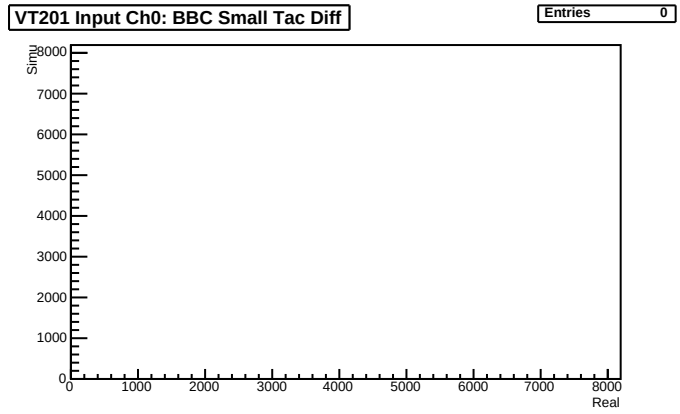
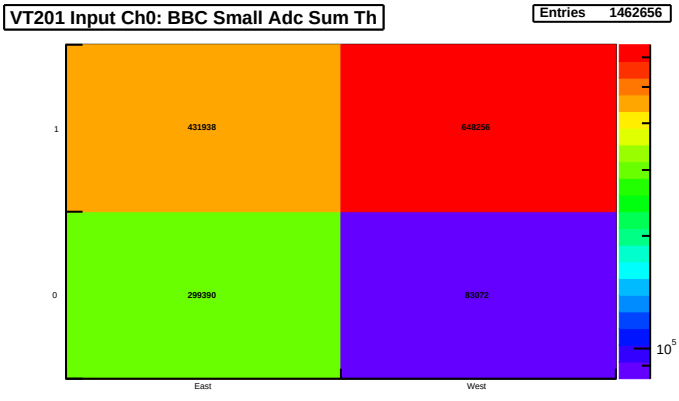
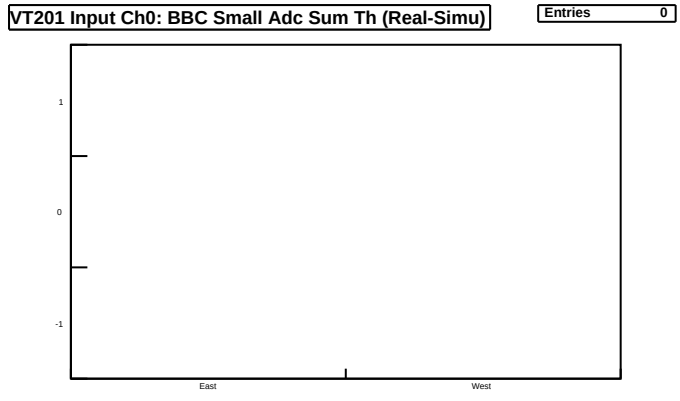
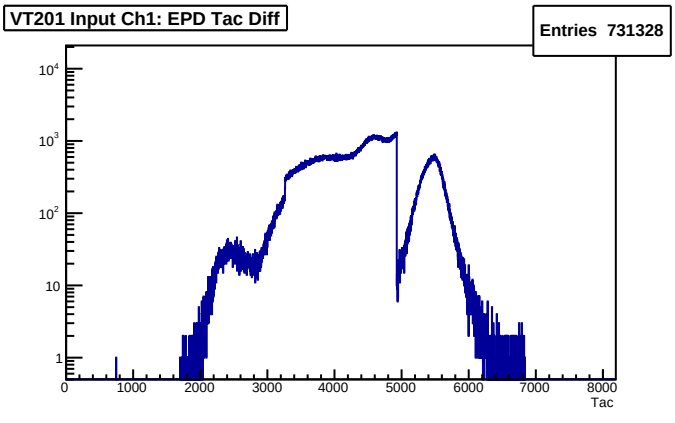
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

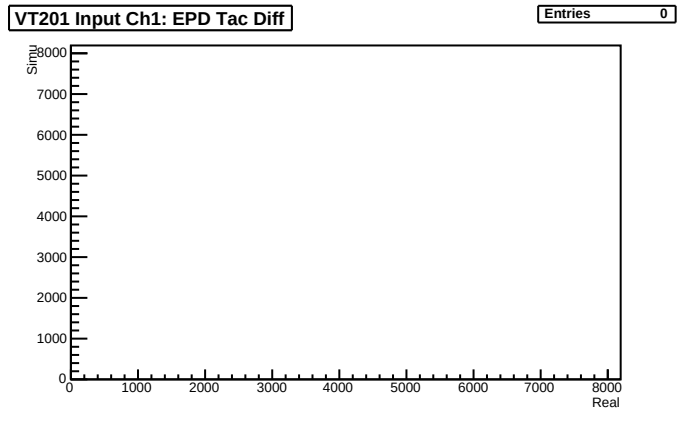

VT201 Input Ch0: BBC Small Tac Diff
Entries 731328
Tac

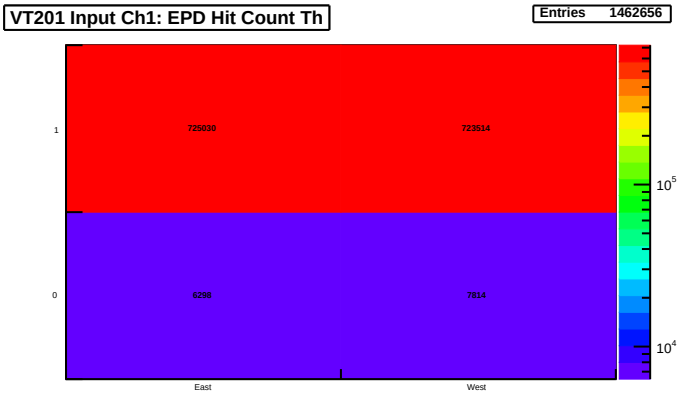

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

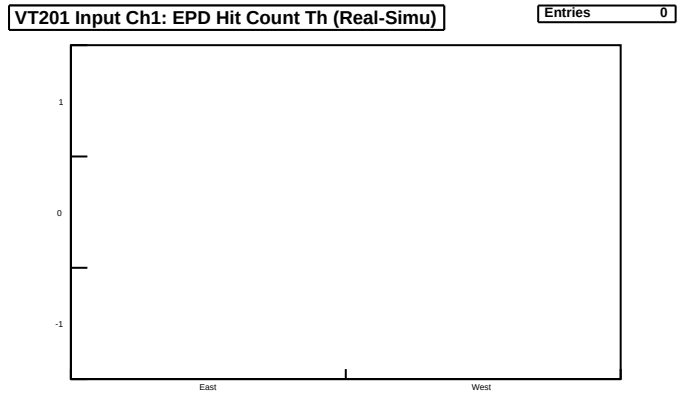

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1462656
431938
648256
299390
83072
East
West

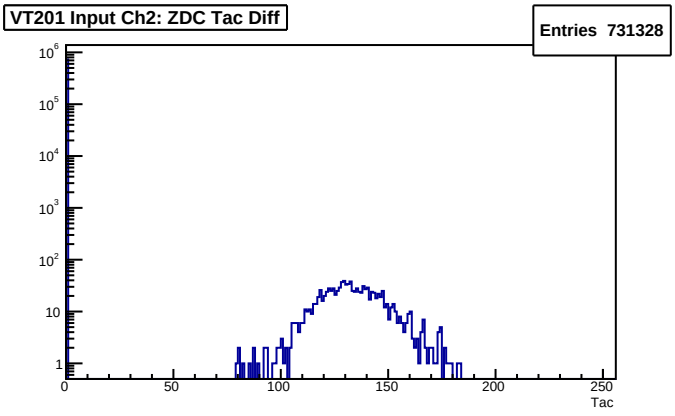

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

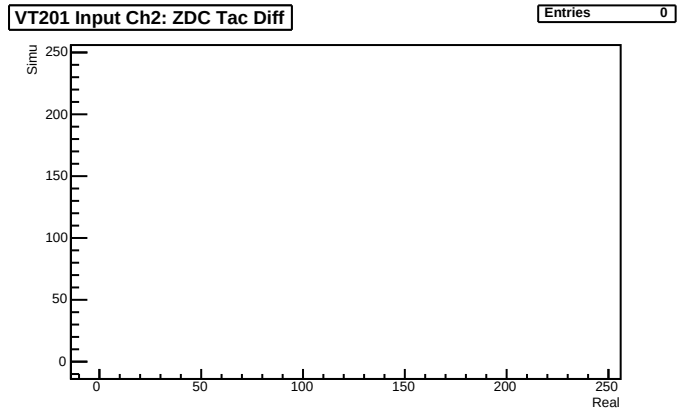

VT201 Input Ch1: EPD Tac Diff
Entries 731328
Tac

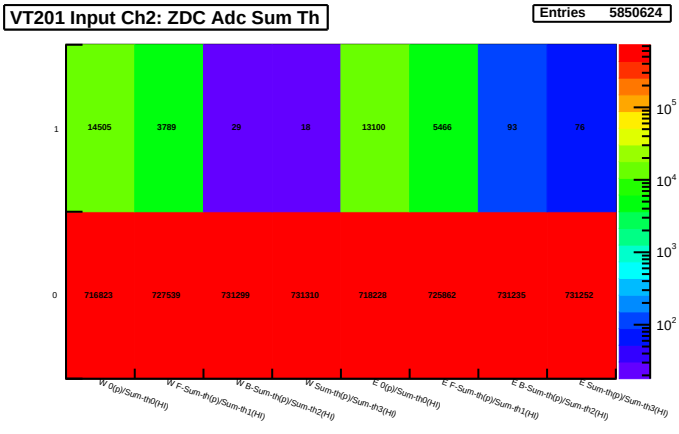

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

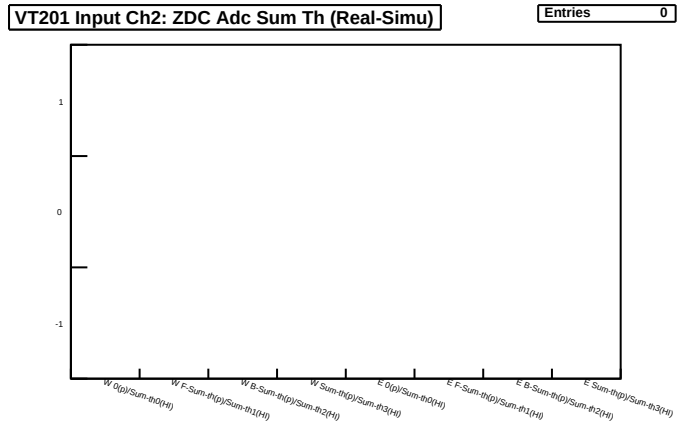

VT201 Input Ch1: EPD Hit Count Th
Entries 1462656
725030
723514
6298
7814
East
West

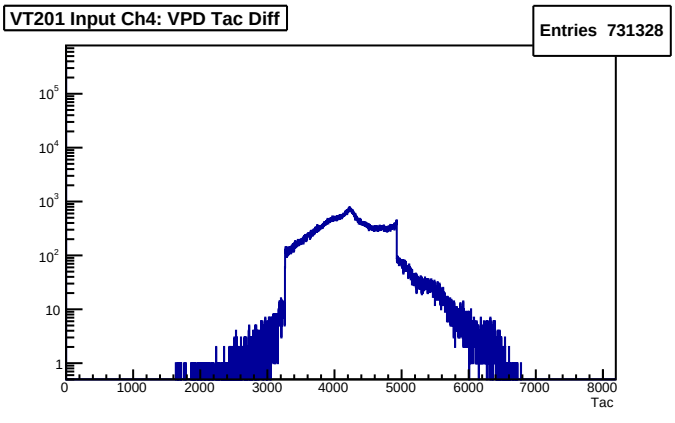

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

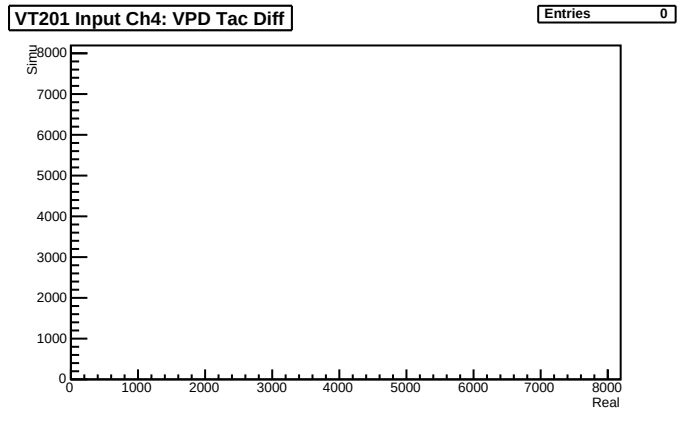

VT201 Input Ch2: ZDC Tac Diff
Entries 731328
Tac

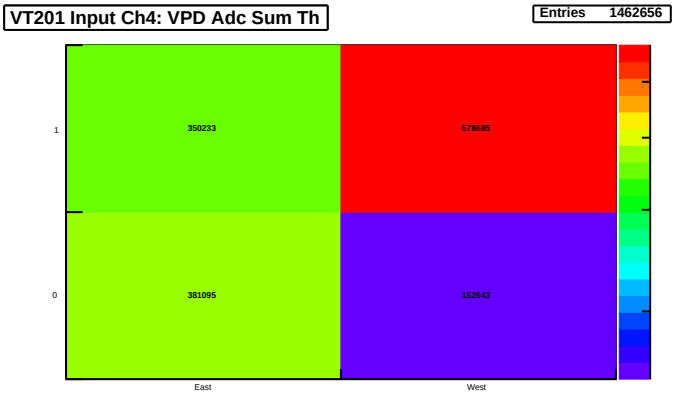

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

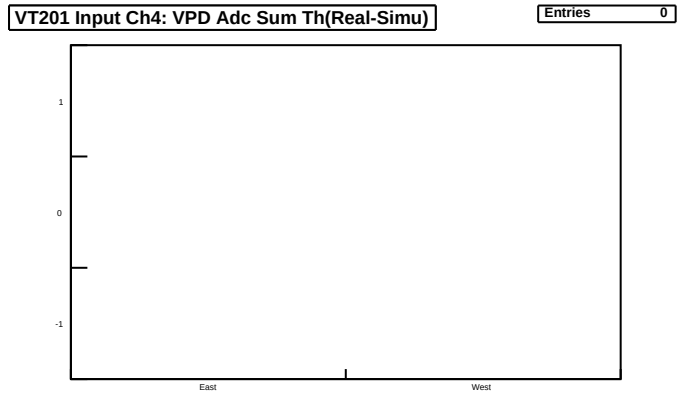

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5850624
14505
3789
29
18
13100
5466
93
76
716823
727539
731299
731310
718228
725862
731235
731252
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

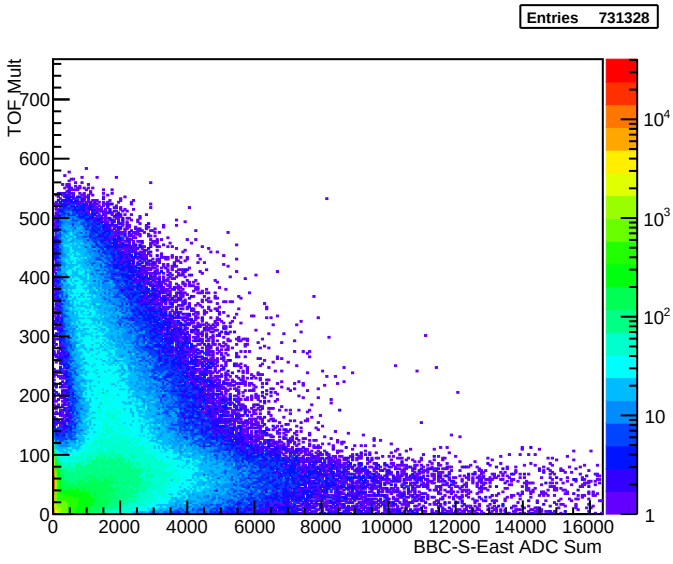

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

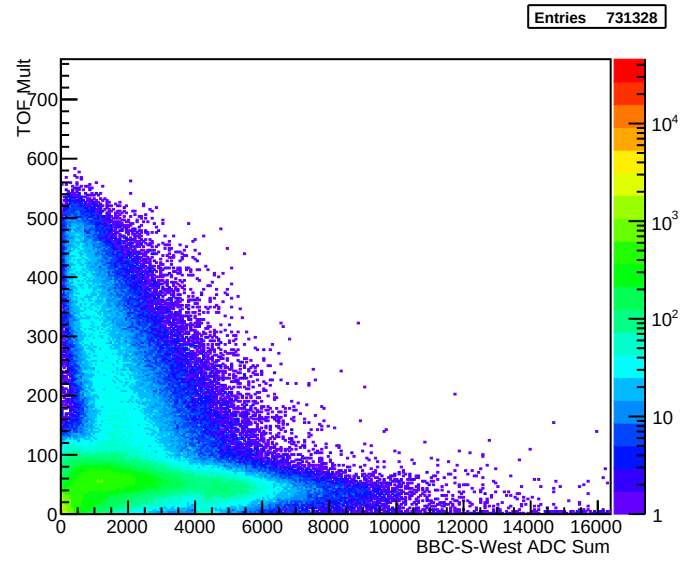

VT201 Input Ch4: VPD Tac Diff
Entries 731328
Tac

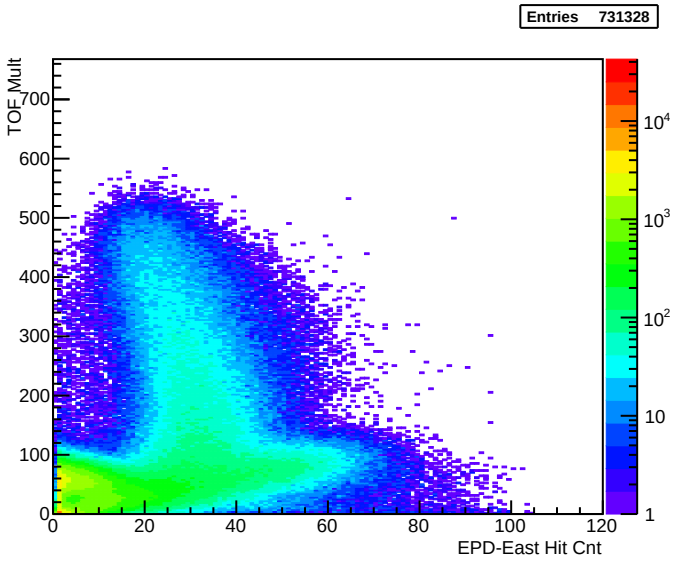

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

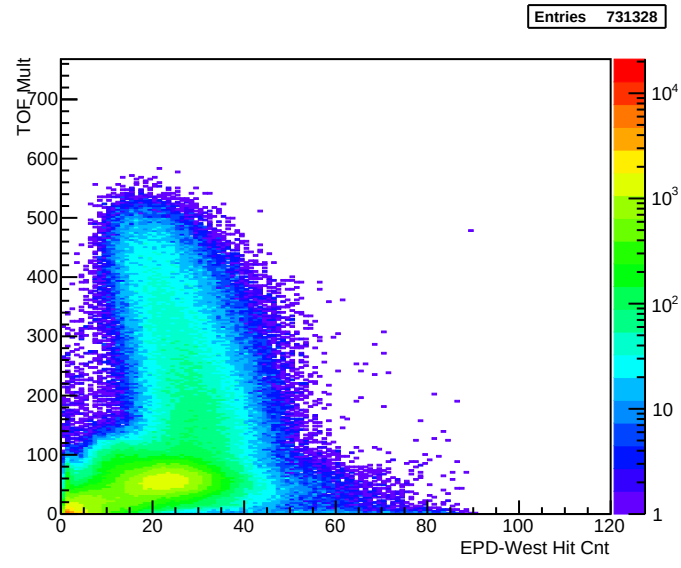

VT201 Input Ch4: VPD Adc Sum Th
Entries 1462656
350233
578685
381095
152643
East
West

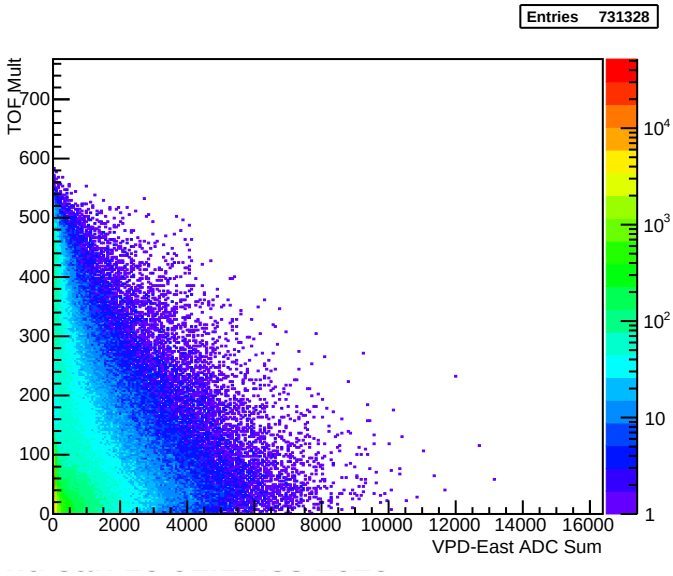

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

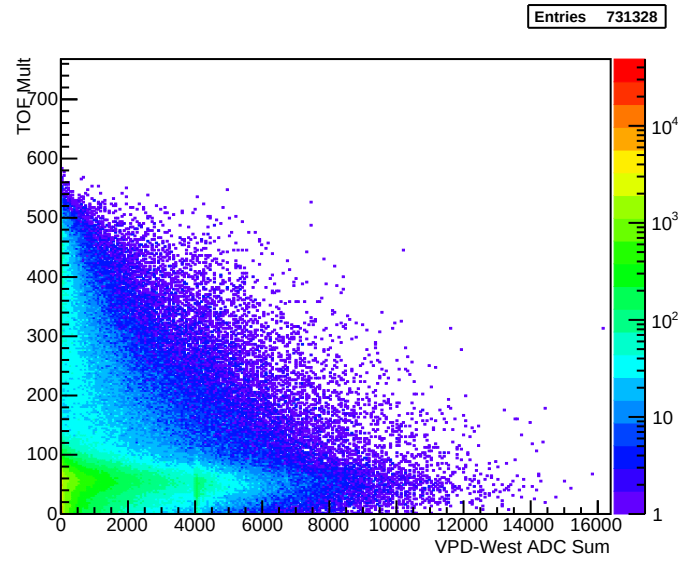

Entries 731328
TOF_Mult
BBC-S-East ADC Sum

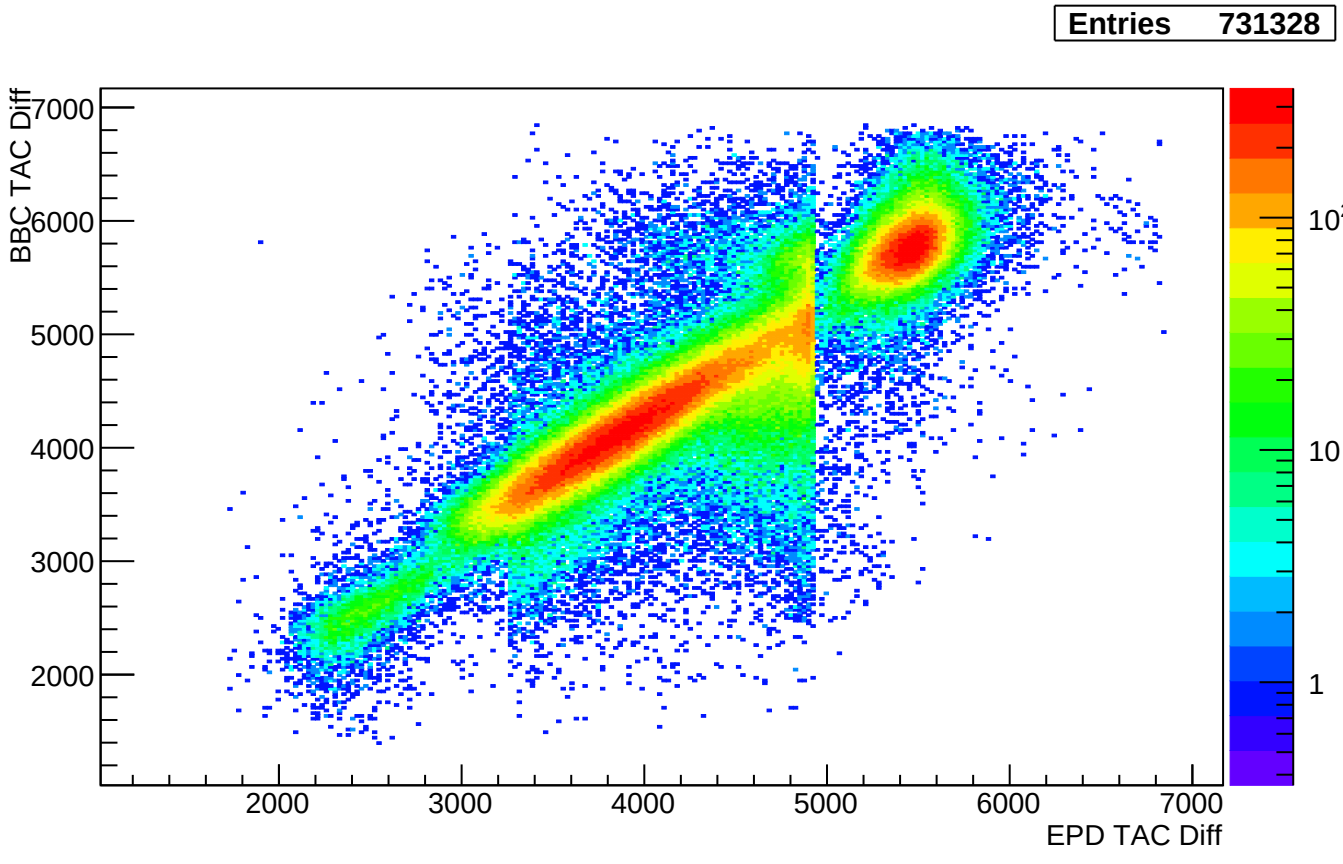

Entries 731328
TOF_Mult
BBC-S-West ADC Sum

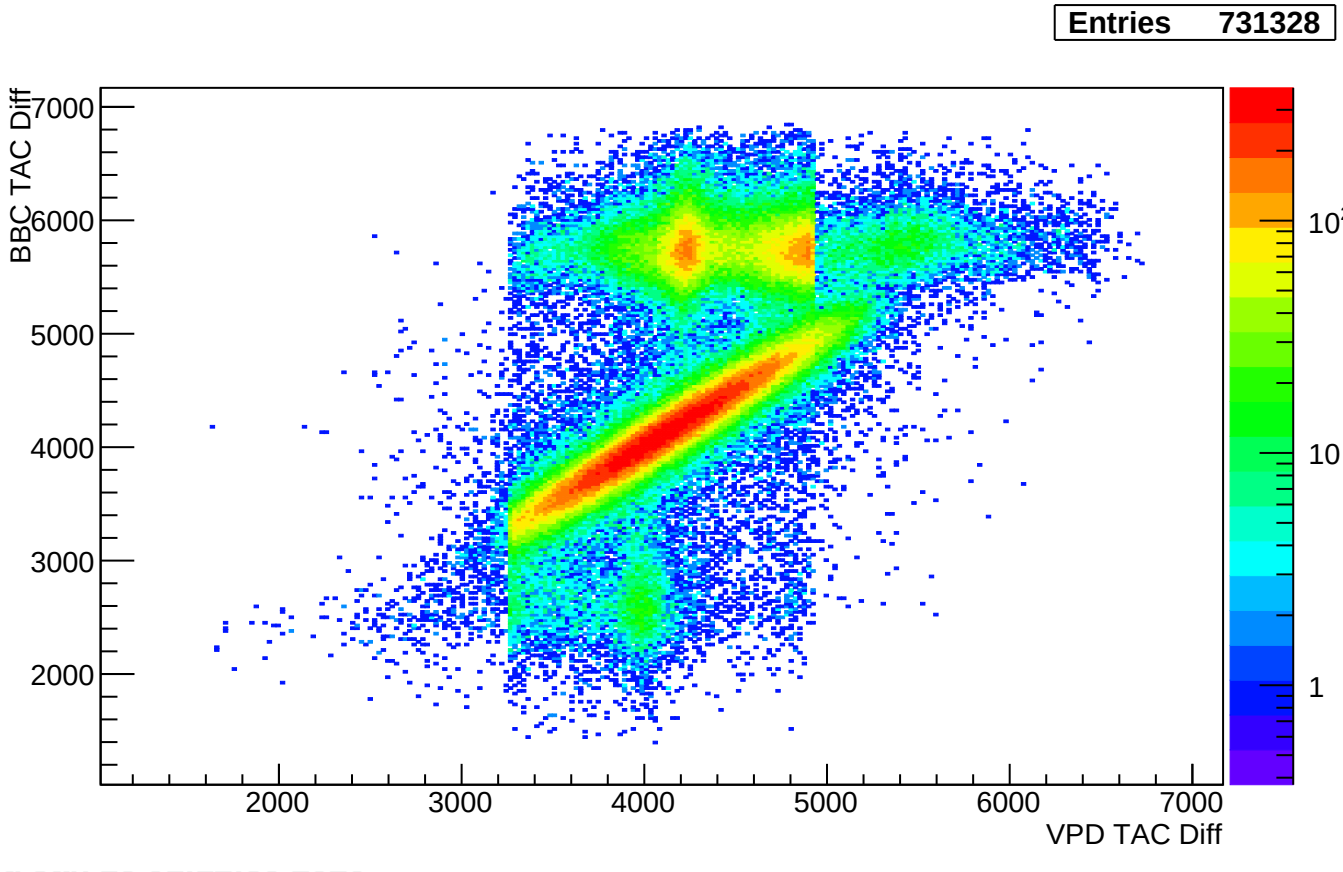

Entries 731328
TOF_Mult
EPD-East Hit Cnt

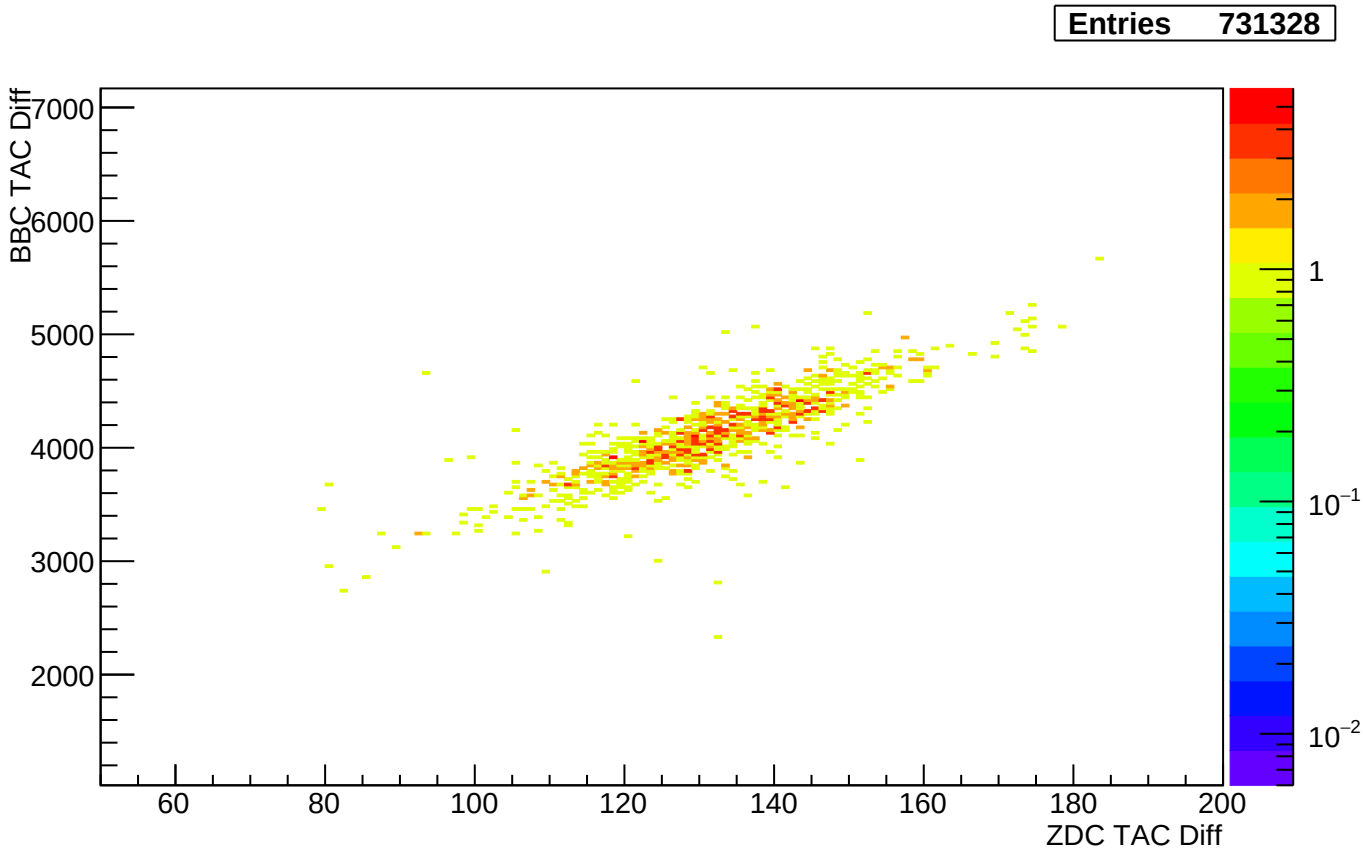

Entries 731328
TOF_Mult
EPD-West Hit Cnt

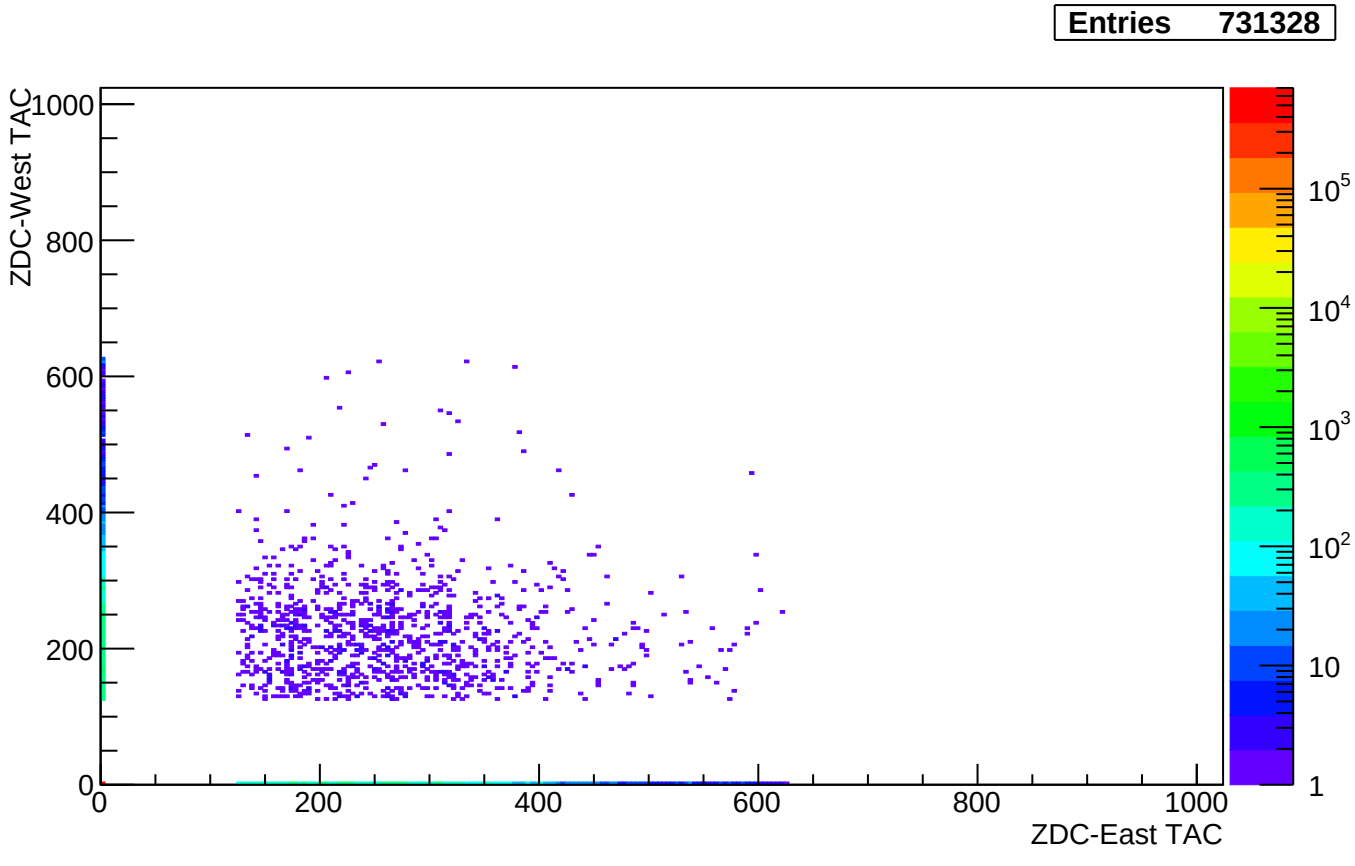

Entries 731328
TOF_Mult
VPD-East ADC Sum

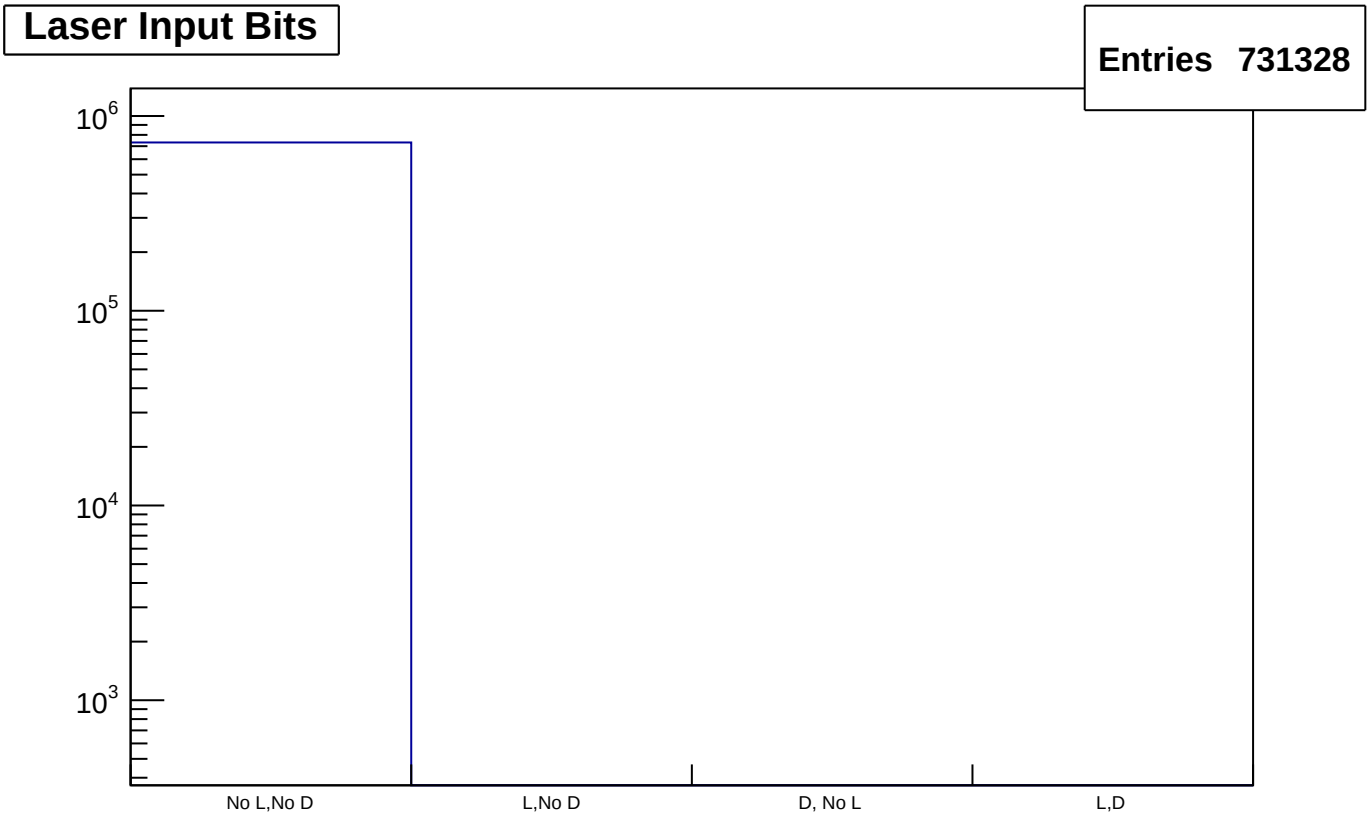

Entries 731328
TOF_Mult
VPD-West ADC Sum

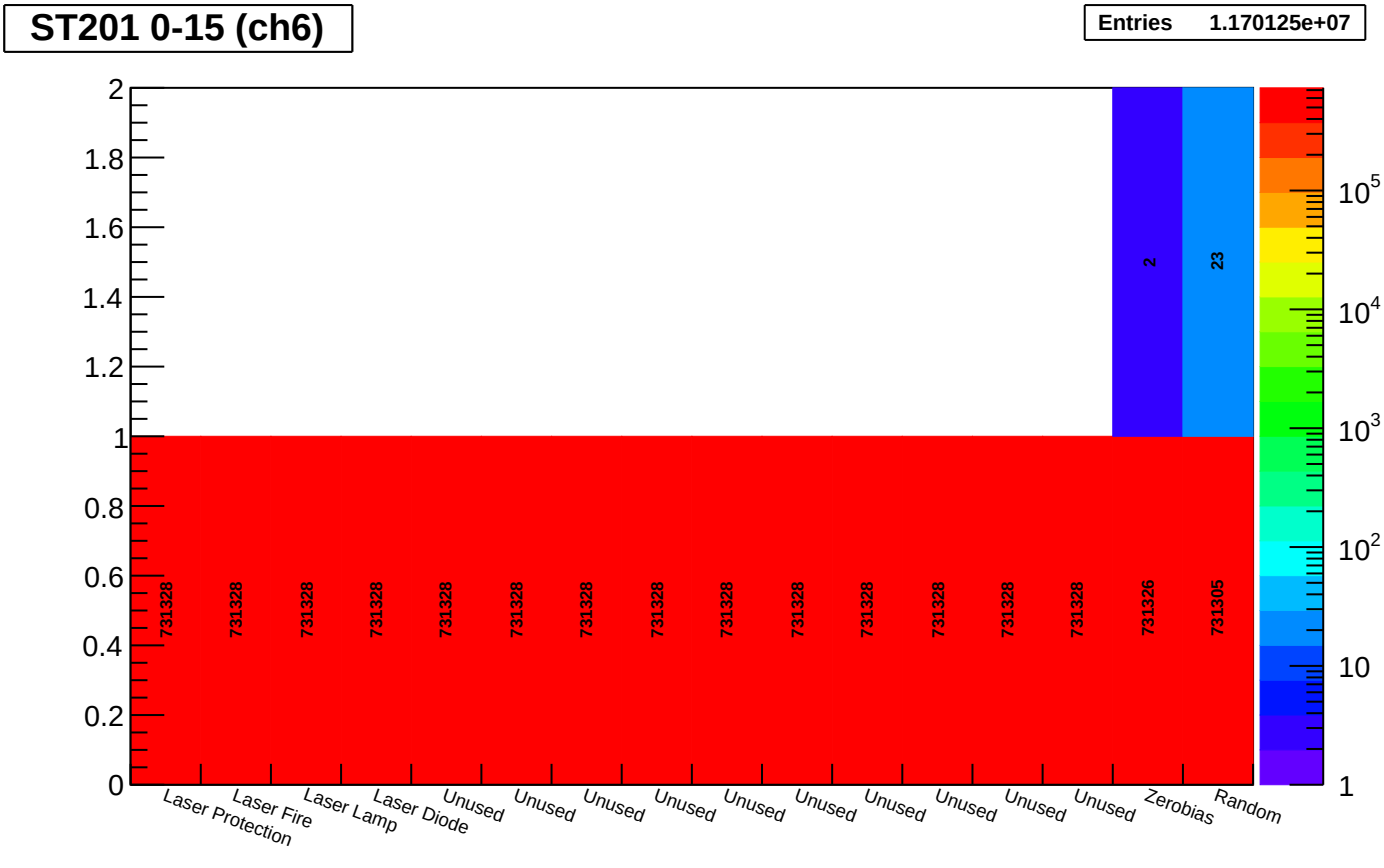

Entries 731328
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

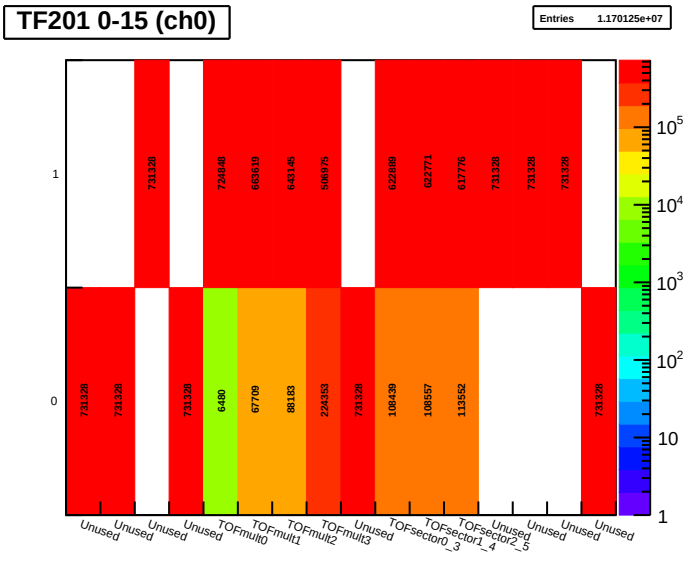

Entries 731328
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

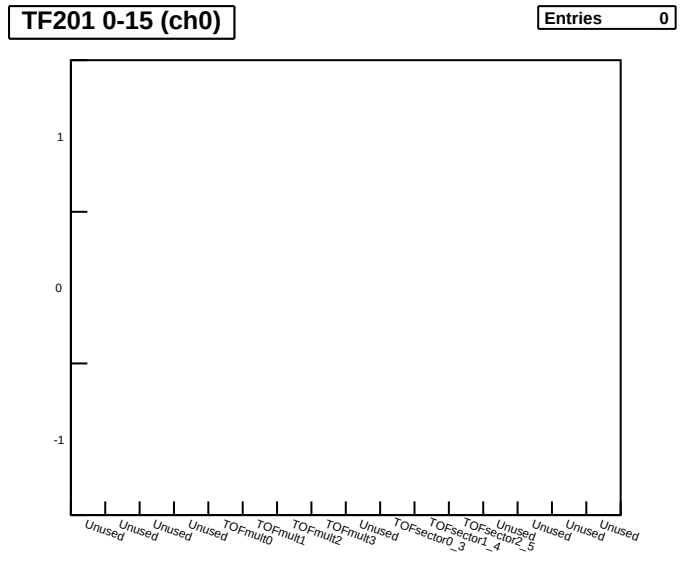

Entries 731328
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

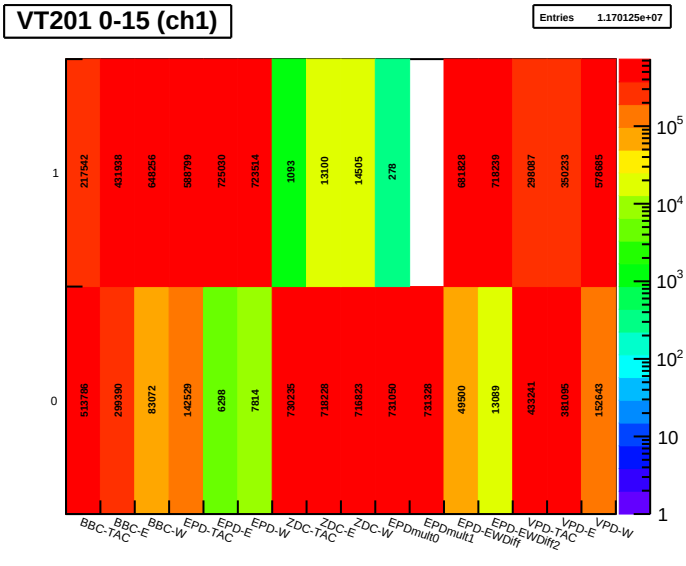

Entries 731328
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

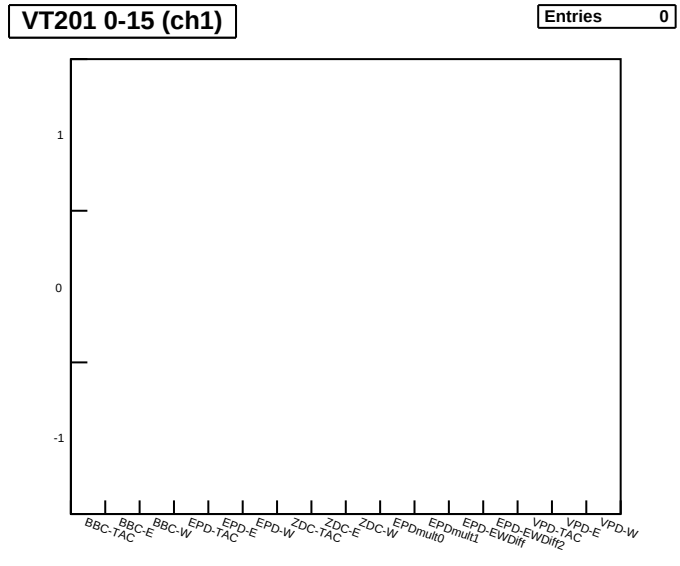

Laser Input Bits
Entries 731328
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

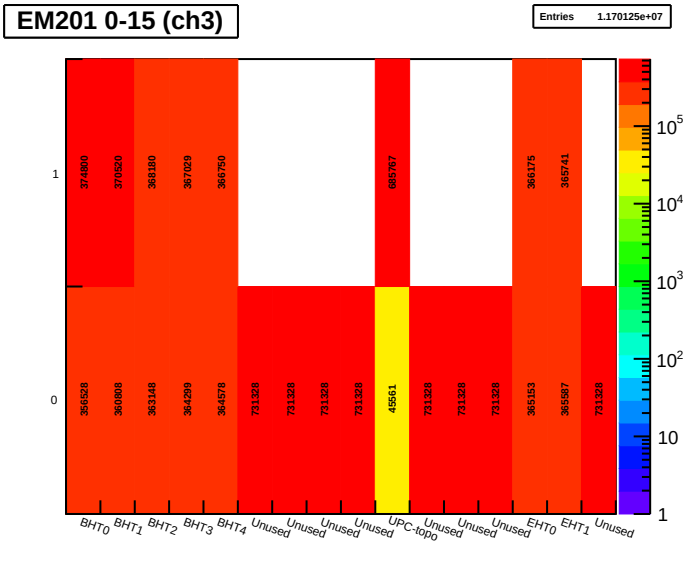

ST201 0-15 (ch6)
Entries 1.170125e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
731328
731326
731305
2
23
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

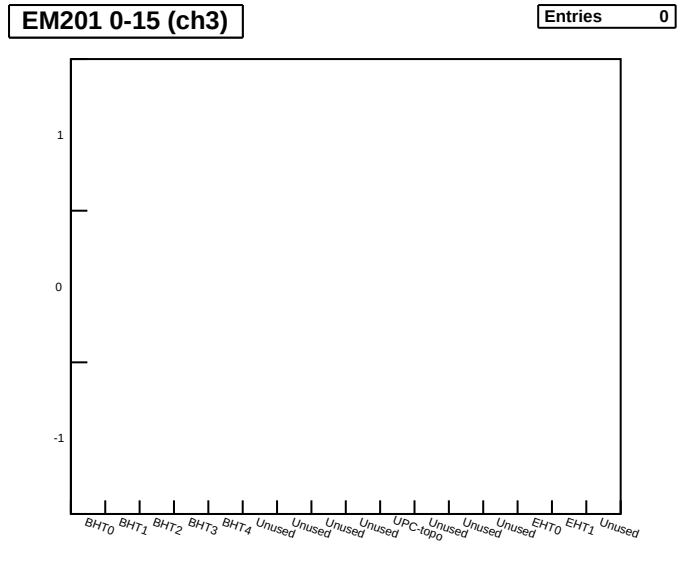

TF201 0-15 (ch0)
Entries 1.170125e+07
1
0
731328
724848
663619
643145
506975
622889
622771
617776
731328
731328
731328
731328
731328
6480
67709
88183
224353
731328
108439
108557
113552
731328
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 1.170125e+07
1
0
217542
431938
648256
588799
725030
723514
1093
13100
14505
278
681828
718239
298087
350233
578685
513786
299390
83072
142529
6298
7814
730235
718228
716823
731050
731328
49500
13089
433241
381095
152643
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 1.170125e+07
1
0
374800
370520
366180
367029
366750
685767
366175
365741
356528
360808
363148
364299
364578
731328
731328
731328
731328
45561
731328
731328
731328
365153
365587
731328
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