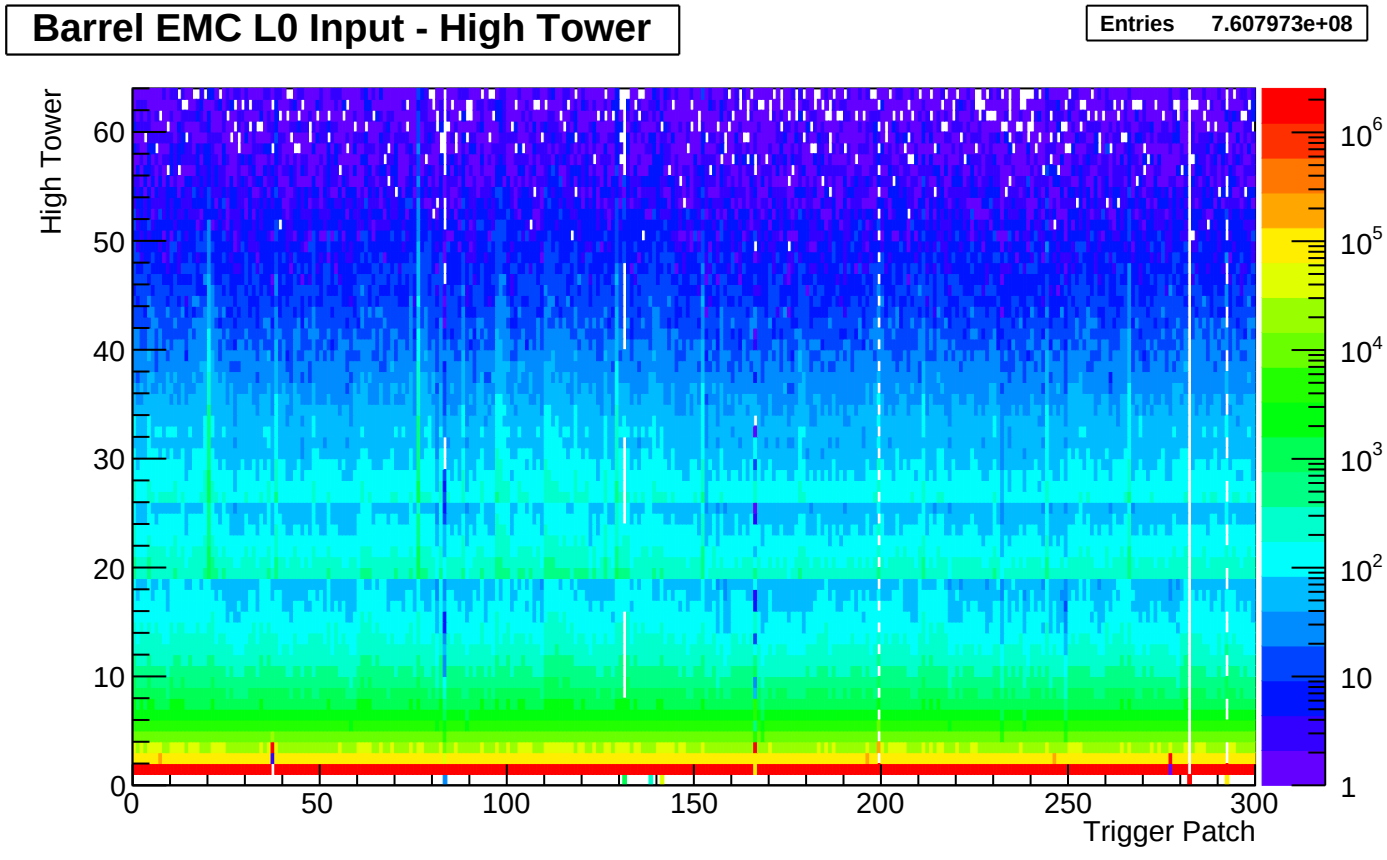
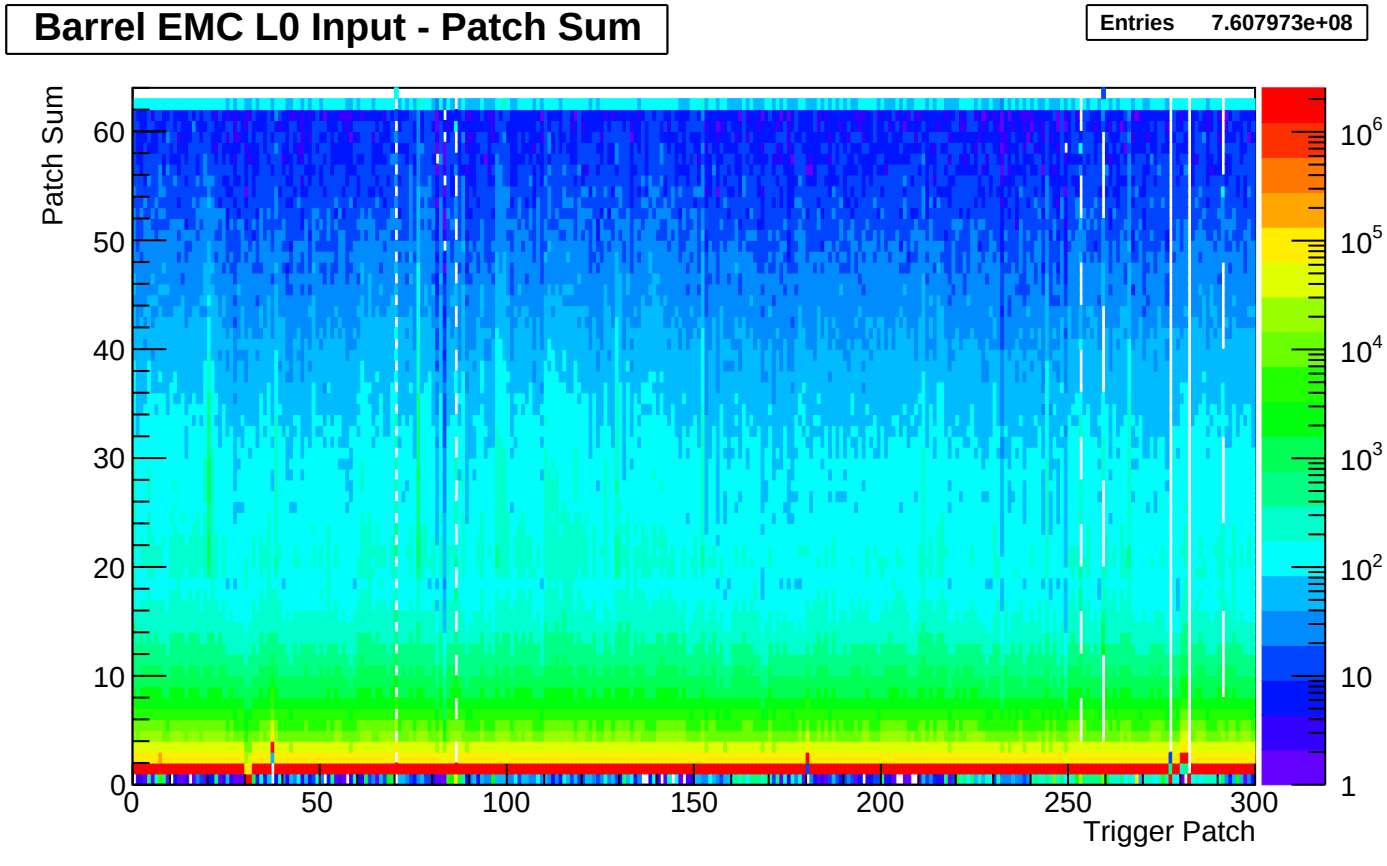
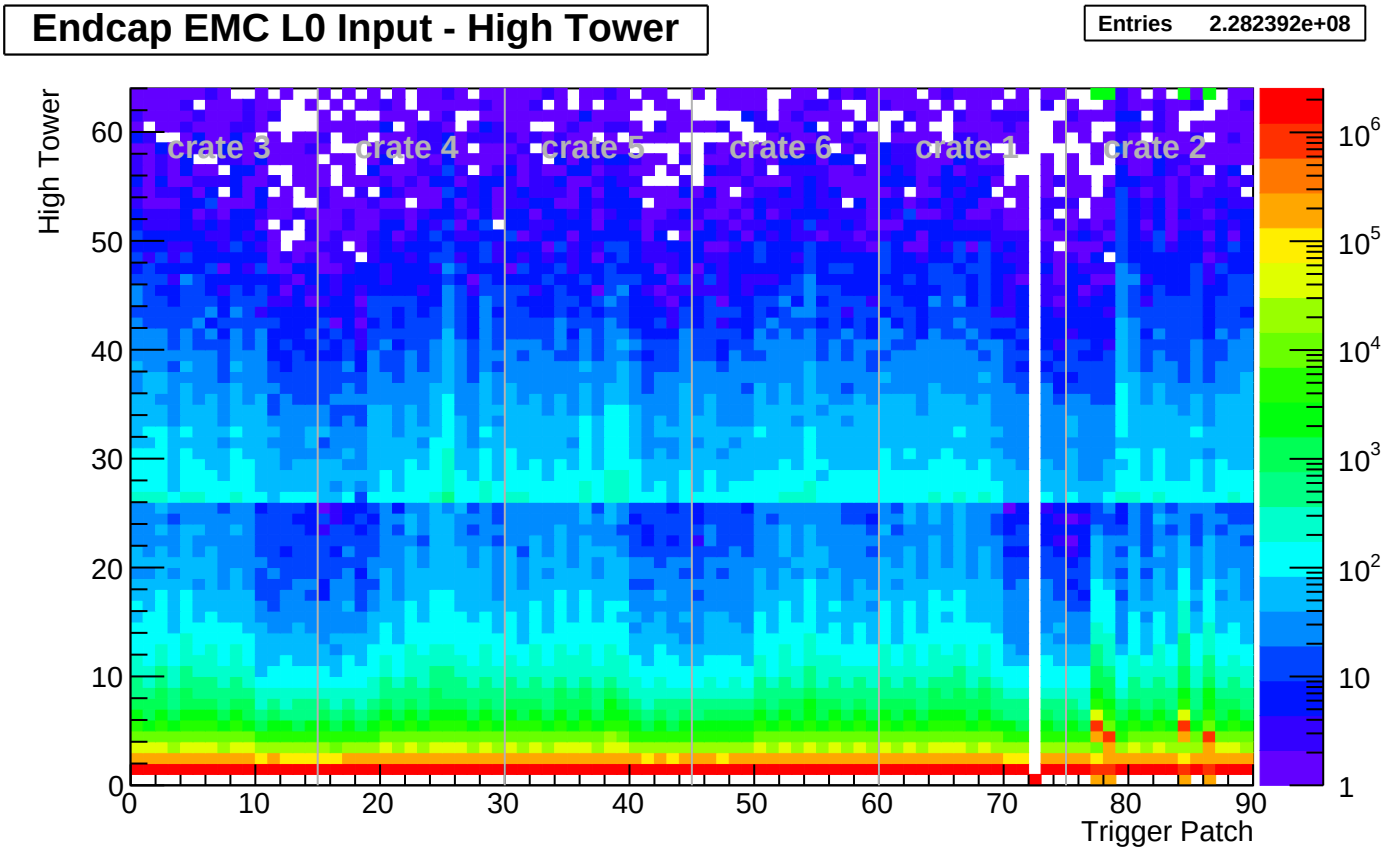
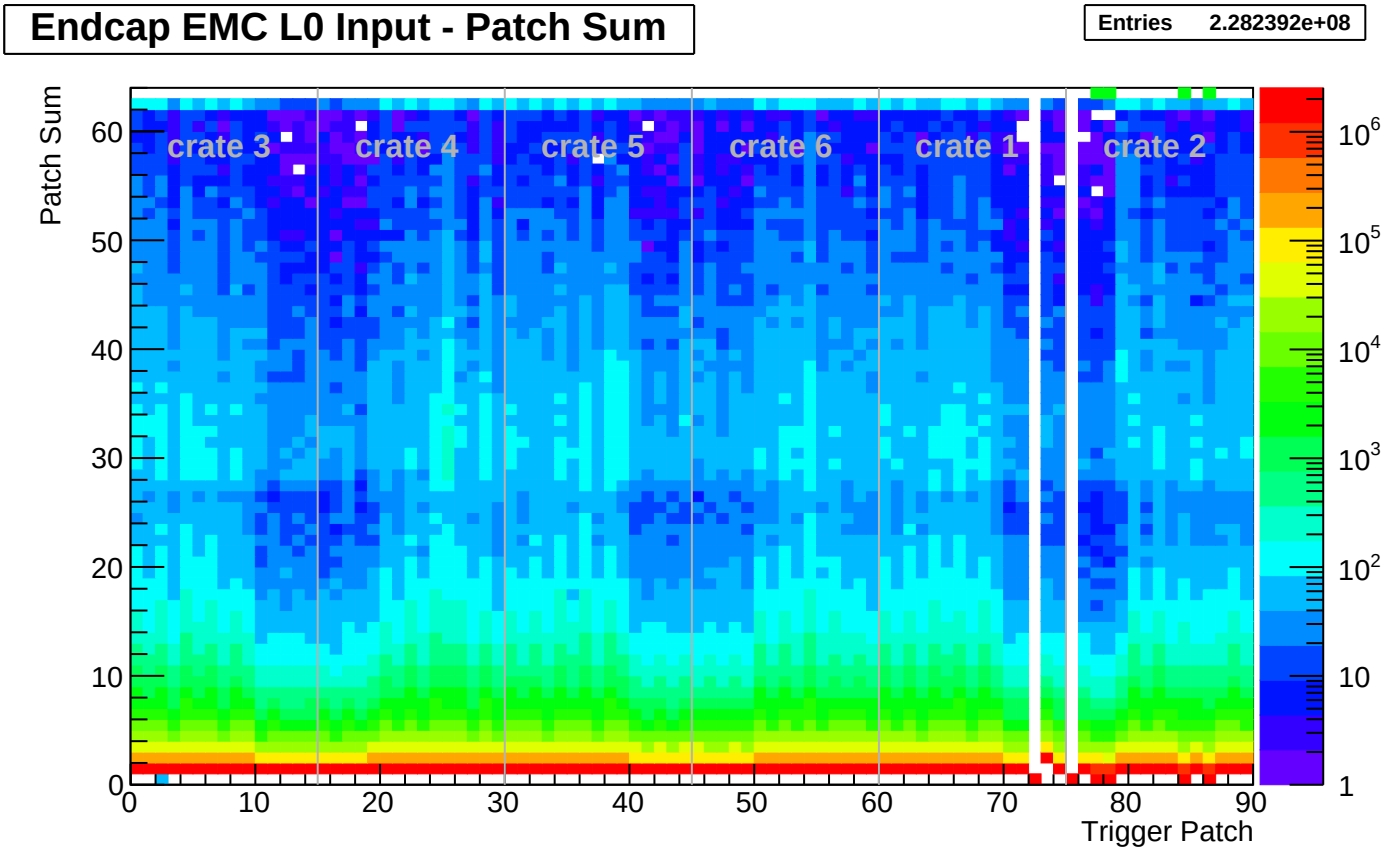
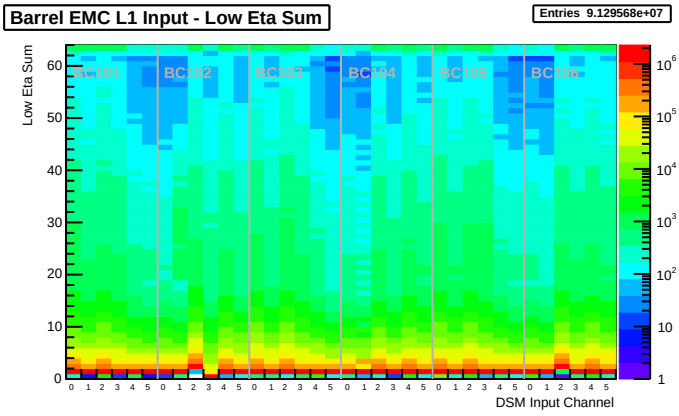
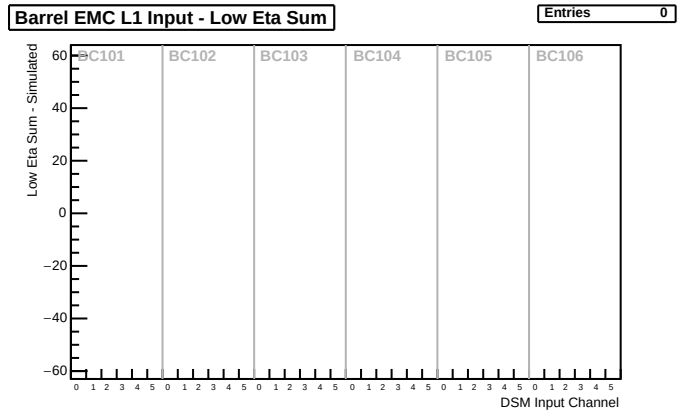

Barrel EMC L0 Input - High Tower
Entries 7.607973e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

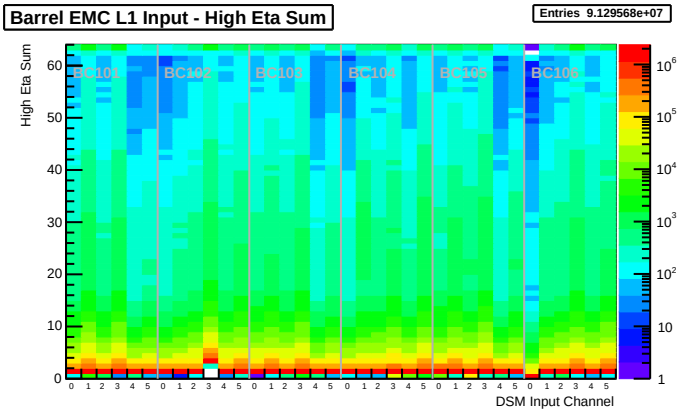

Barrel EMC L0 Input - Patch Sum
Entries 7.607973e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5
10^6

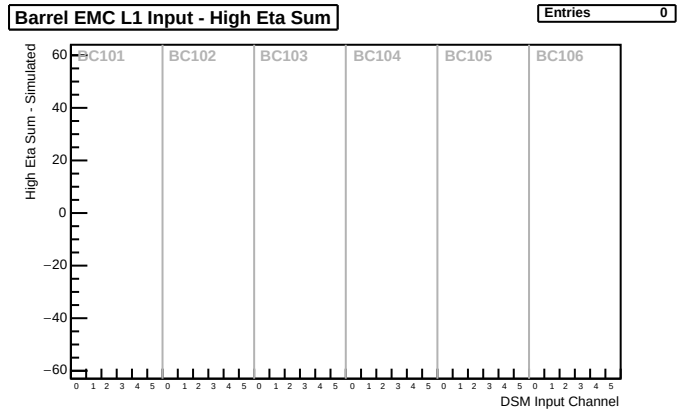

Endcap EMC L0 Input - High Tower
Entries 2.282392e+08
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

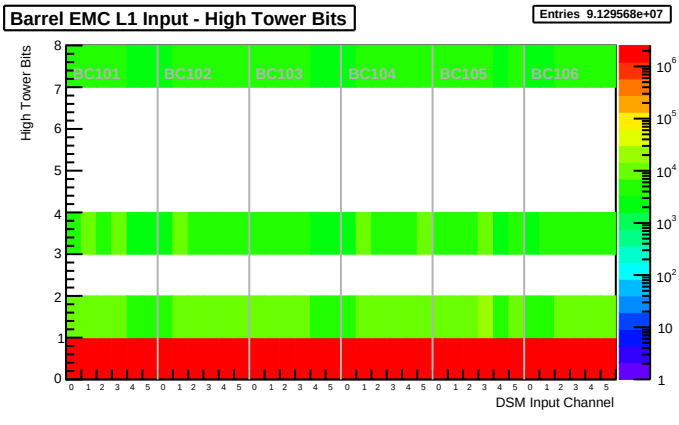

Endcap EMC L0 Input - Patch Sum
Entries 2.282392e+08
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

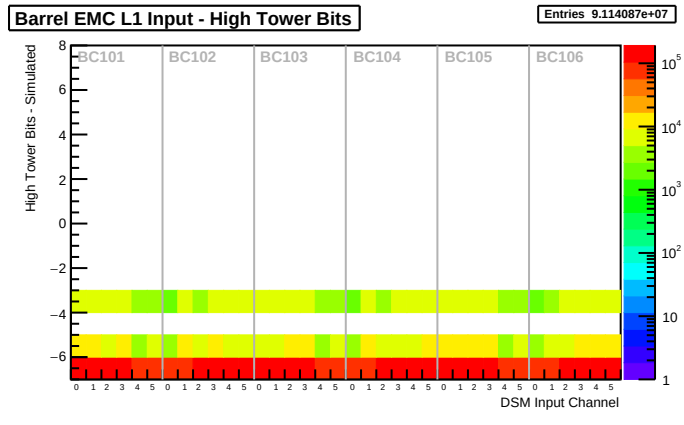

Barrel EMC L1 Input - Low Eta Sum
Entries 9.129568e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

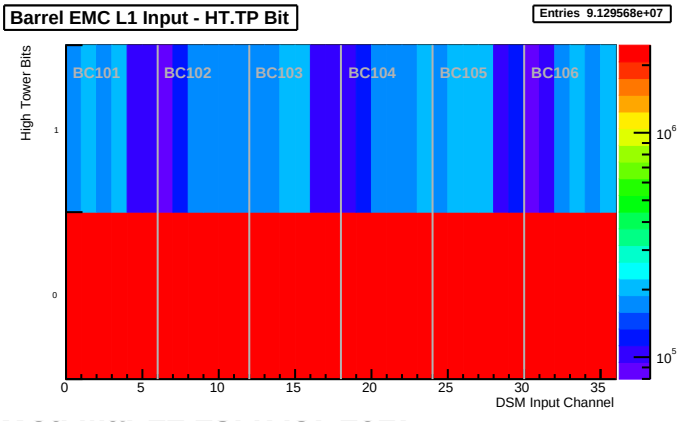

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

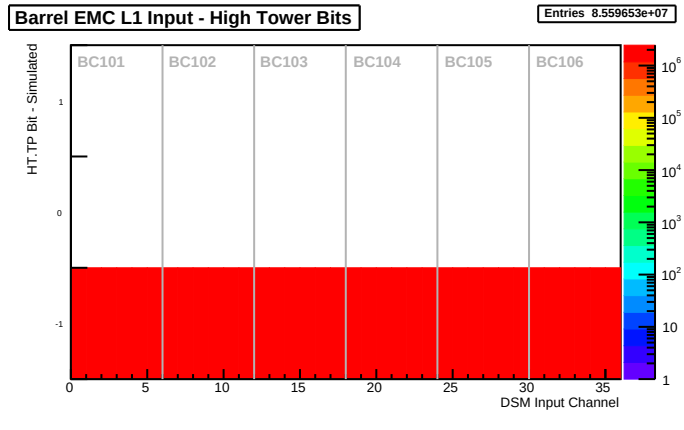

Barrel EMC L1 Input - High Eta Sum
Entries 9.129568e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

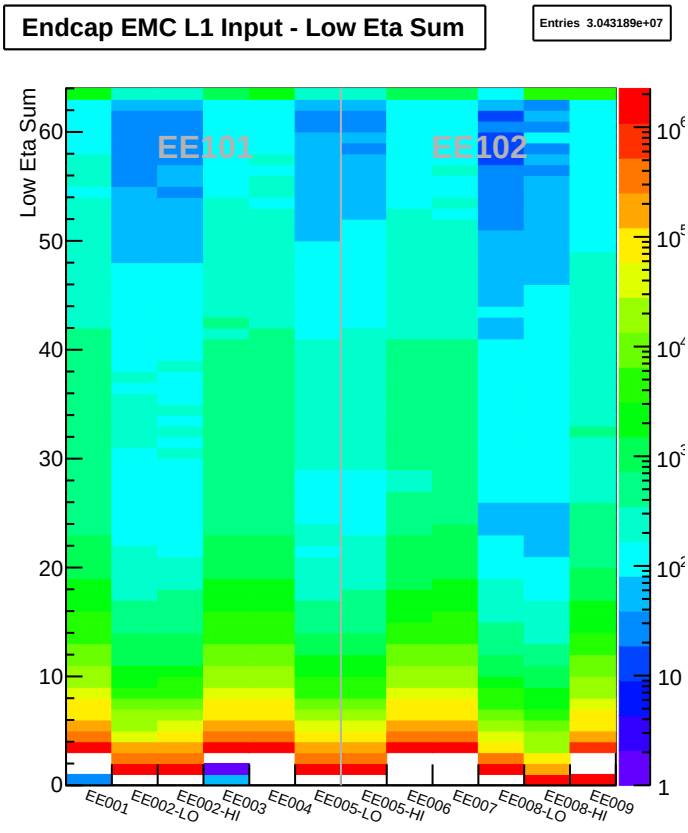

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

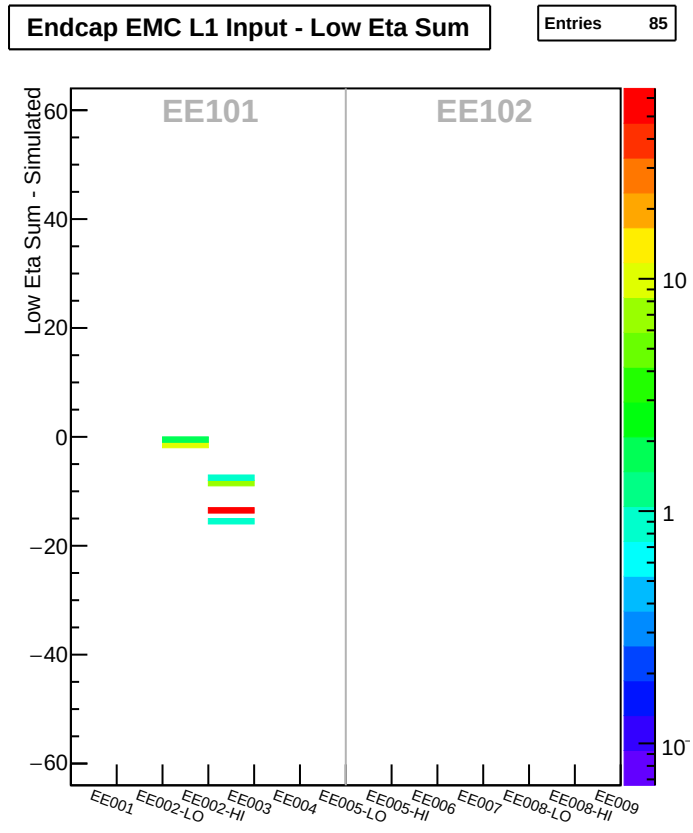

Barrel EMC L1 Input - High Tower Bits
Entries 9.129568e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

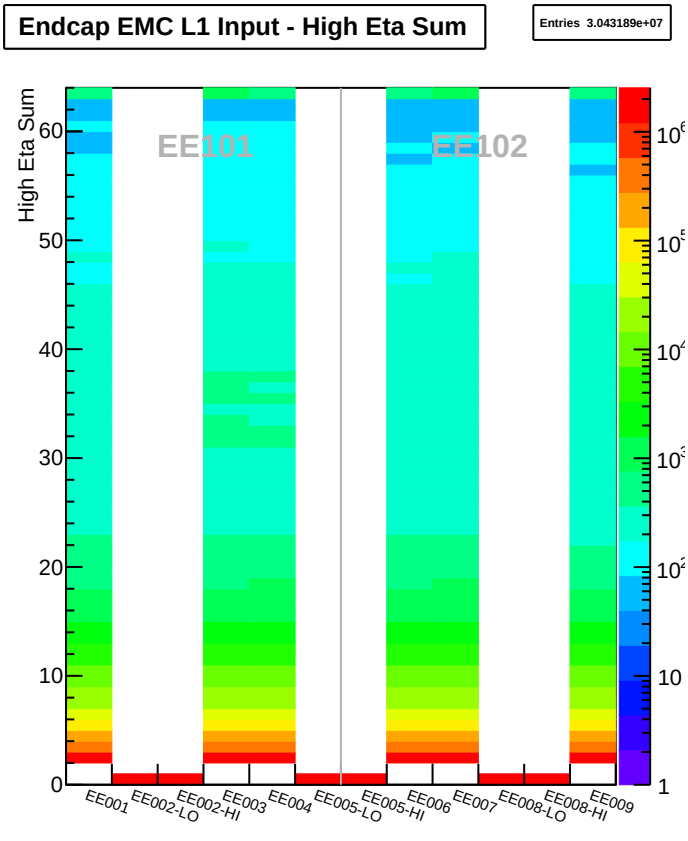

Barrel EMC L1 Input - High Tower Bits
Entries 9.114087e+07
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

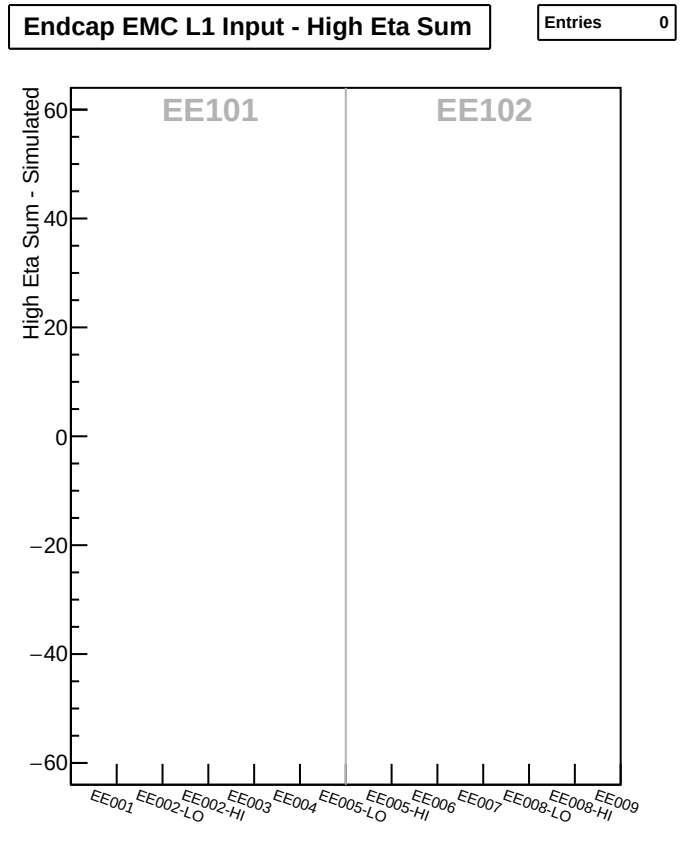

Barrel EMC L1 Input - HT.TP Bit
Entries 9.129568e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Barrel EMC L1 Input - High Tower Bits
Entries 8.559653e+07
HT.TP Bit - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel


Endcap EMC L1 Input - Low Eta Sum
Entries 3.043189e+07
Low Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

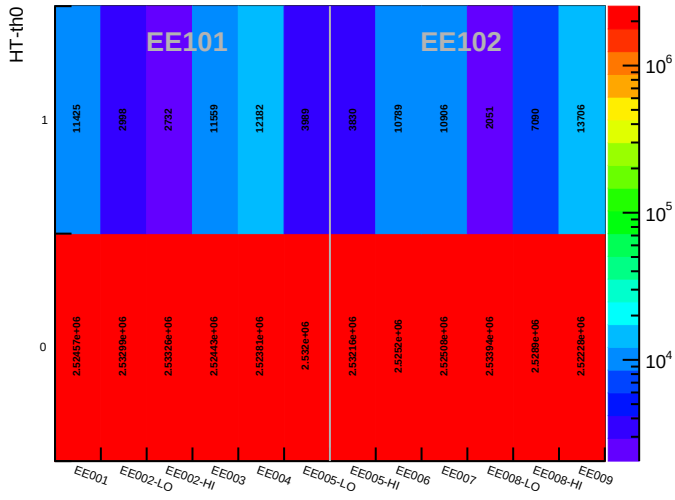

Endcap EMC L1 Input - Low Eta Sum
Entries 85
Low Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 3.043189e+07
High Eta Sum
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009


Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001
EE002-LO
EE002-HI
EE003
EE004
EE005-LO
EE005-HI
EE006
EE007
EE008-LO
EE008-HI
EE009

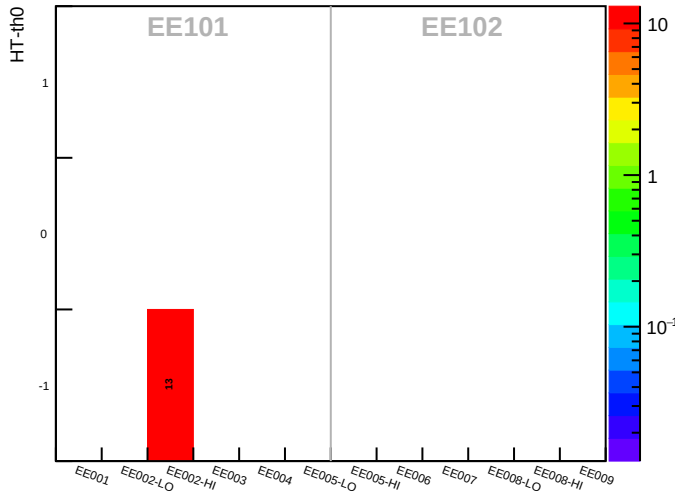
Endcap EMC L1 Input - HT-th0

Entries 3.043189e+07



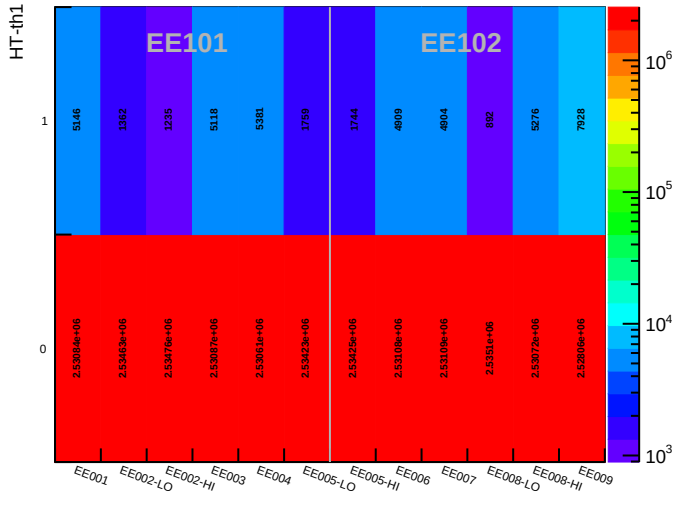
Endcap EMC L1 Input - HT-th0 Diff

Entries 13



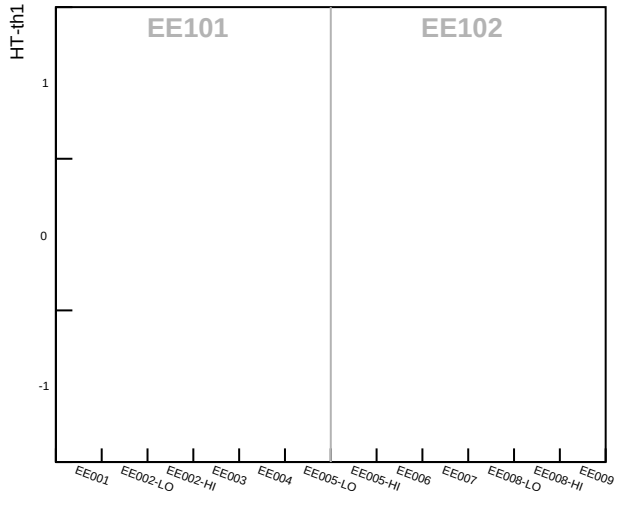
Endcap EMC L1 Input - HT-th1

Entries 3.043189e+07



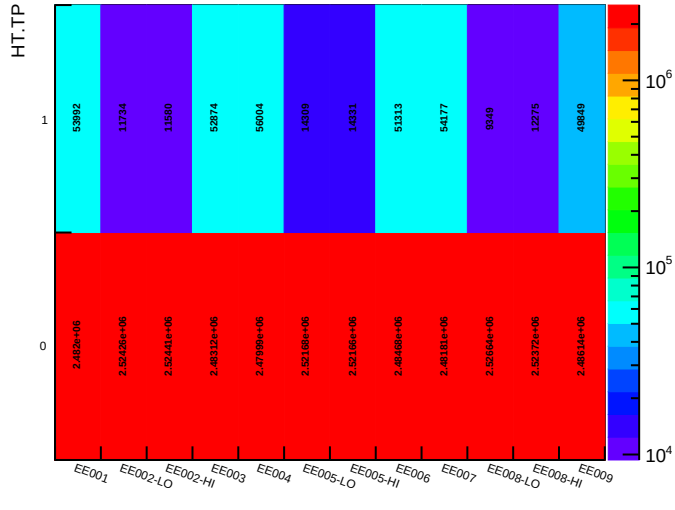
Endcap EMC L1 Input - HT-th1 Diff

Entries 0



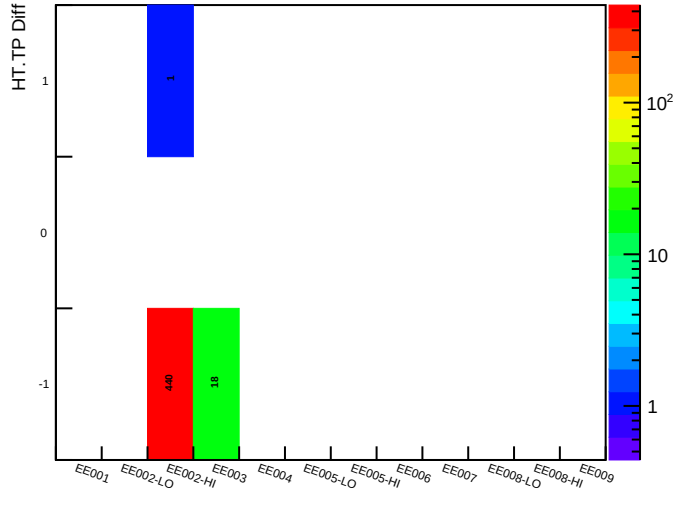
Endcap EMC L1 Input - HT.TP

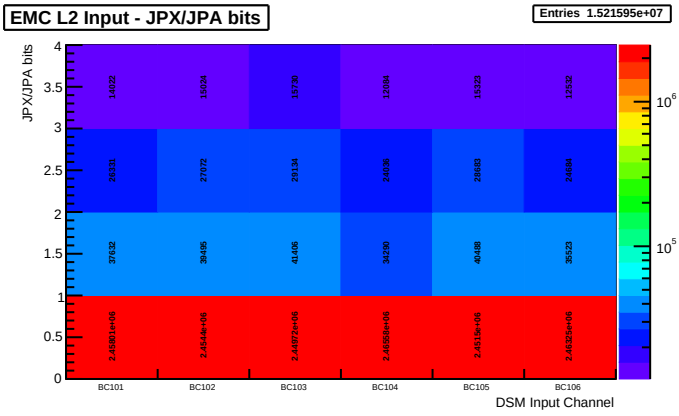
Entries 3.043189e+07

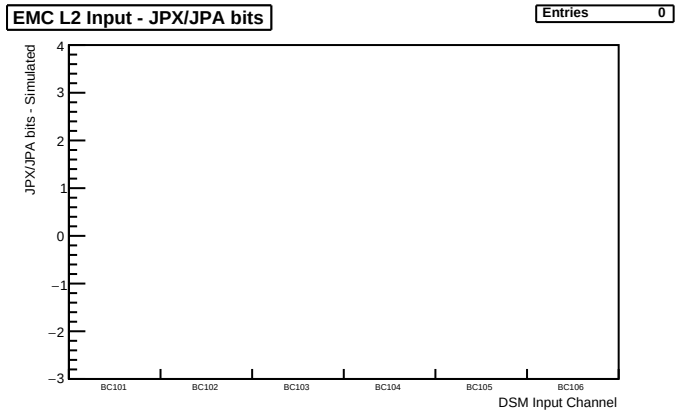


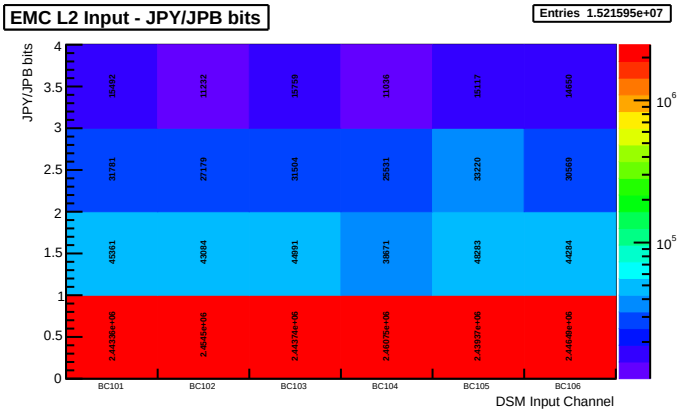
Endcap EMC L1 Input - HT.TP Diff

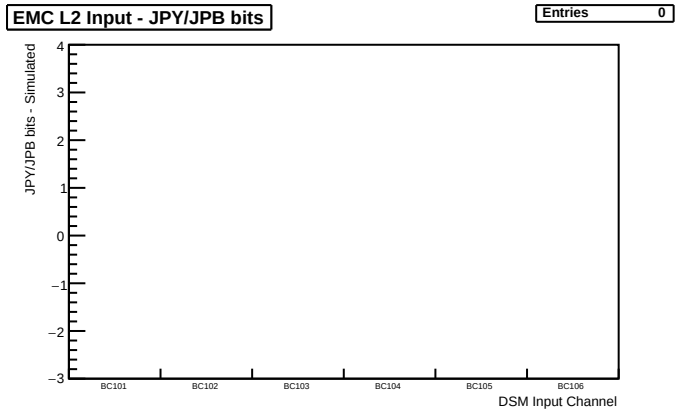
Entries 459

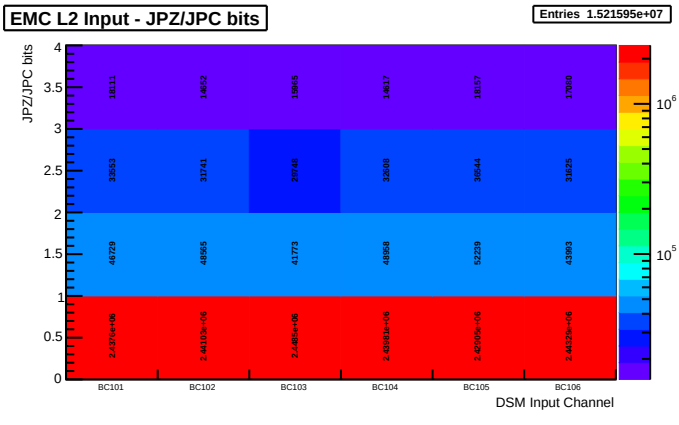


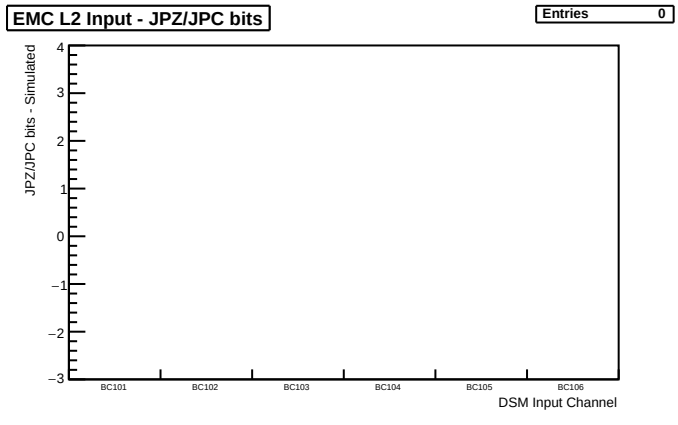

EMC L2 Input - JPX/JPA bits
Entries 1.521595e+07
JPX/JPA bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
14022
19024
15730
12094
15323
12532
26331
27072
29134
24036
28683
24684
37032
39495
41406
34290
40488
35523
2.43801e+06
2.4544e+06
2.44972e+06
2.46558e+06
2.4519e+06
2.46325e+06

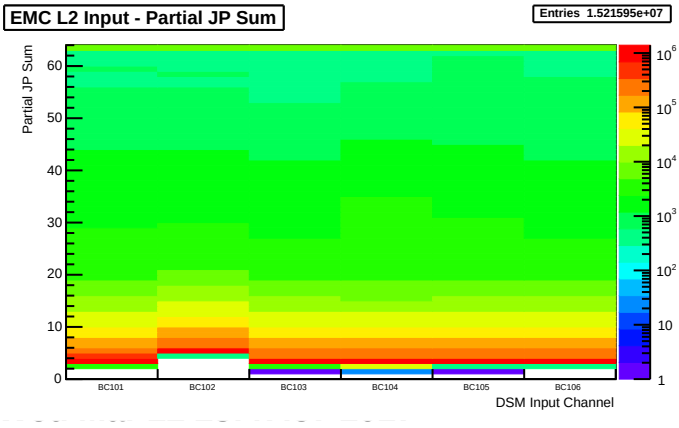

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

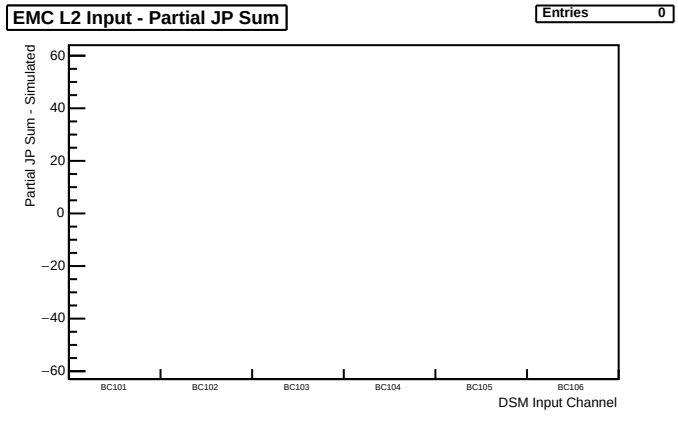

EMC L2 Input - JPY/JPB bits
Entries 1.521595e+07
JPY/JPB bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
15492
11232
15759
11036
15117
14650
31761
27179
31504
25531
33220
30569
45161
43084
44991
38871
48283
44284
2.44336e+06
2.4545e+06
2.44374e+06
2.46075e+06
2.43937e+06
2.44640e+06

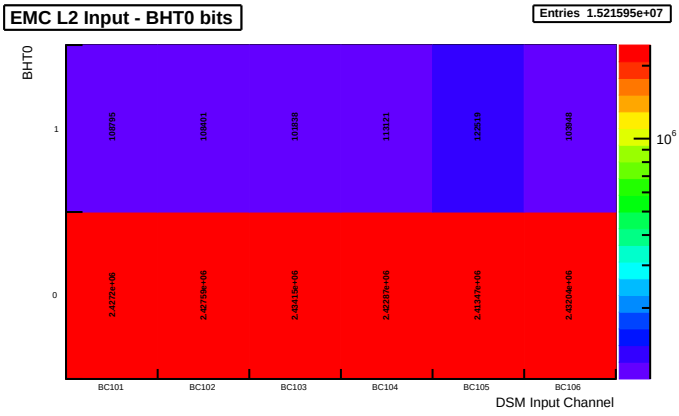

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

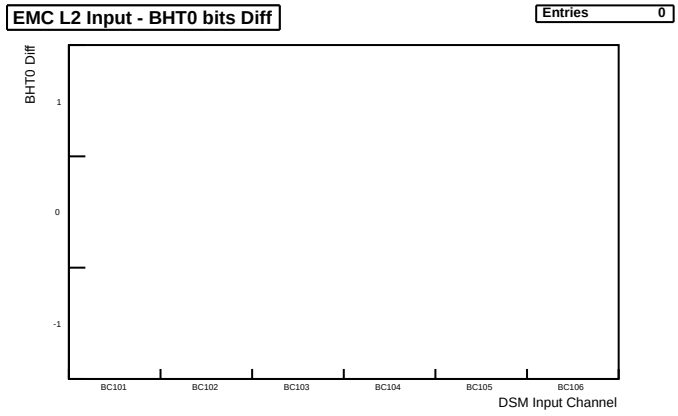

EMC L2 Input - JPZ/JPC bits
Entries 1.521595e+07
JPZ/JPC bits
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106
18111
14652
15965
14617
18157
17680
33553
31741
29748
32608
36544
31625
46729
48965
41773
48958
52239
43993
2.4376e+06
2.44103e+06
2.4485e+06
2.45931e+06
2.42995e+06
2.44329e+06

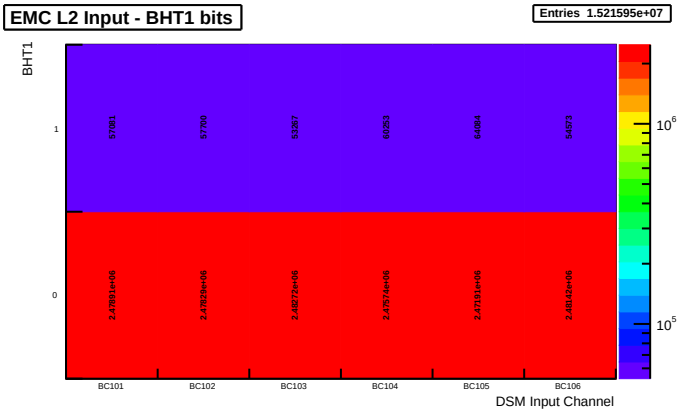

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

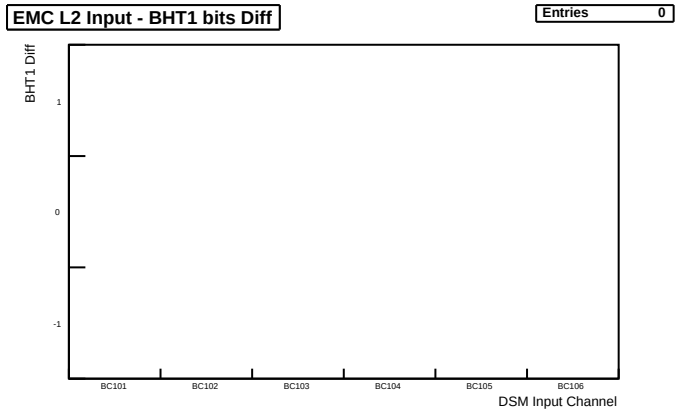

EMC L2 Input - Partial JP Sum
Entries 1.521595e+07
Partial JP Sum
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

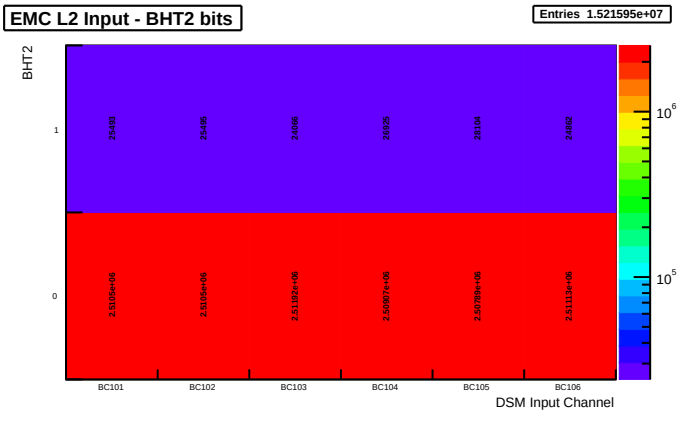

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101
BC102
BC103
BC104
BC105
BC106

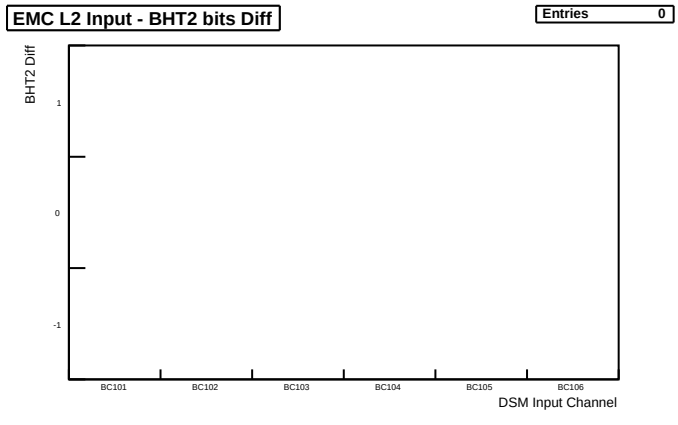

EMC L2 Input - BHT0 bits
Entries 1.521595e+07
BHT0
1
0
109795
109801
101338
113121
122519
103848
2.4272e+06
2.4275e+06
2.4241e+06
2.4223e+06
2.4134e+06
2.4220e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

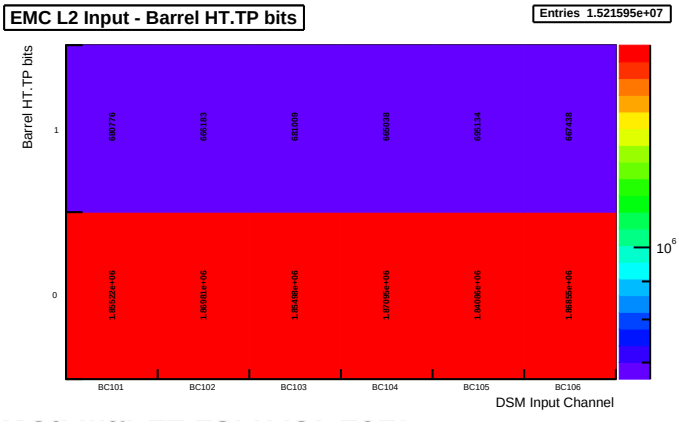

EMC L2 Input - BHT0 bits Diff
Entries 0
BHT0 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

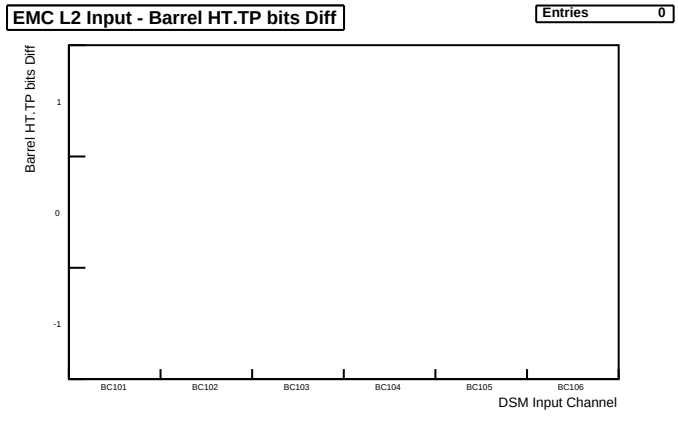

EMC L2 Input - BHT1 bits
Entries 1.521595e+07
BHT1
1
0
57081
57700
53257
60253
64084
54573
2.47931e+06
2.47929e+06
2.48272e+06
2.47974e+06
2.47191e+06
2.48142e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

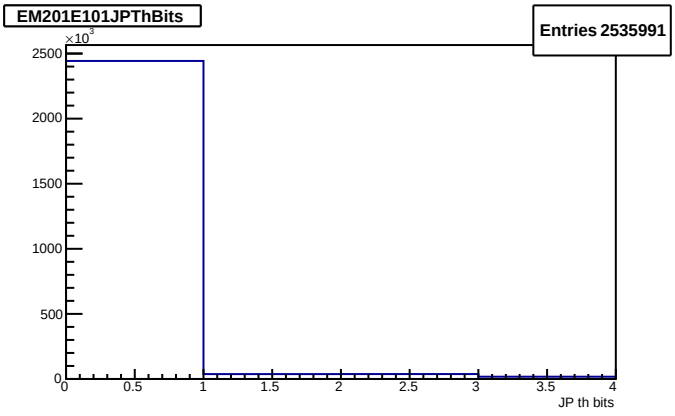

EMC L2 Input - BHT1 bits Diff
Entries 0
BHT1 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

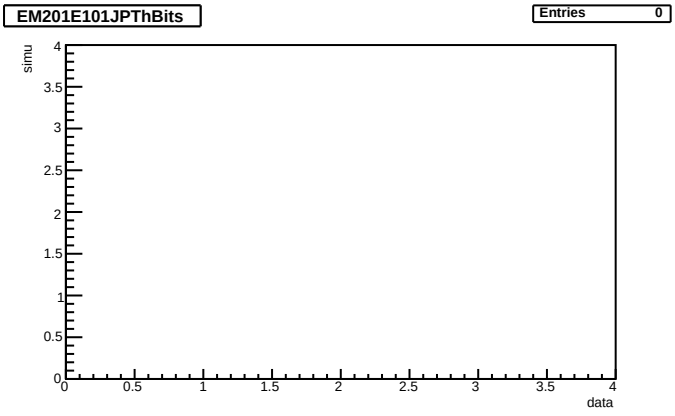

EMC L2 Input - BHT2 bits
Entries 1.521595e+07
BHT2
1
0
25483
25495
24066
26525
28104
24862
2.5105e+06
2.5105e+06
2.51192e+06
2.50907e+06
2.50789e+06
2.51113e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6
10^5

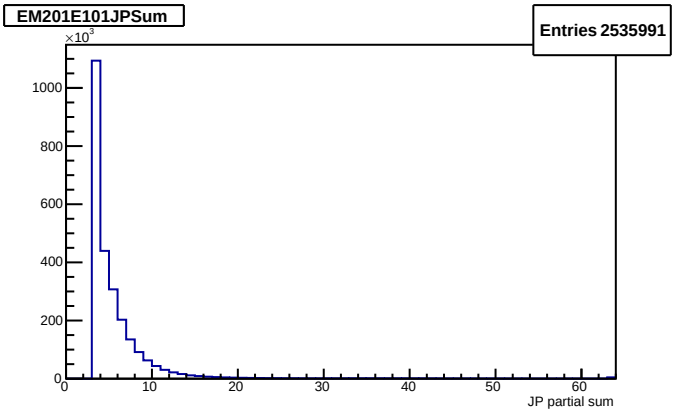

EMC L2 Input - BHT2 bits Diff
Entries 0
BHT2 Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

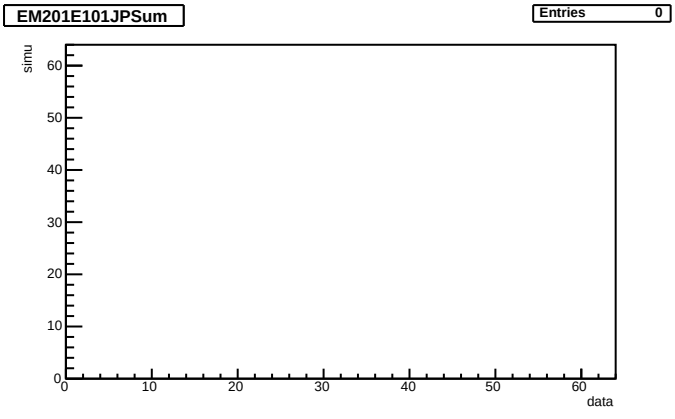

EMC L2 Input - Barrel HT.TP bits
Entries 1.521595e+07
Barrel HT.TP bits
1
0
680776
696183
681009
665038
689134
667438
1.85522e+06
1.86981e+06
1.85498e+06
1.87095e+06
1.84088e+06
1.86855e+06
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel
10^6

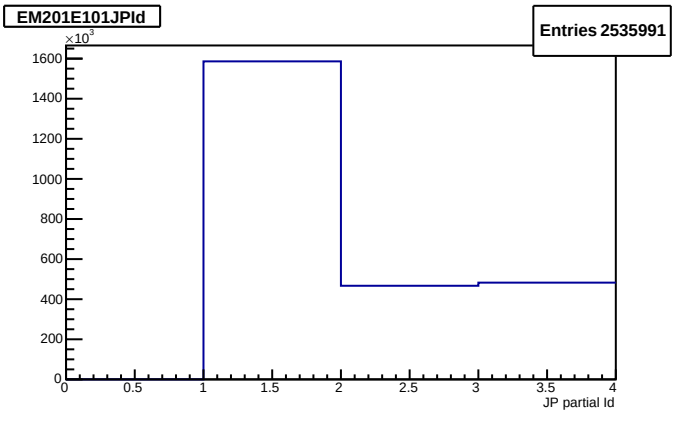

EMC L2 Input - Barrel HT.TP bits Diff
Entries 0
Barrel HT.TP bits Diff
1
0
-1
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

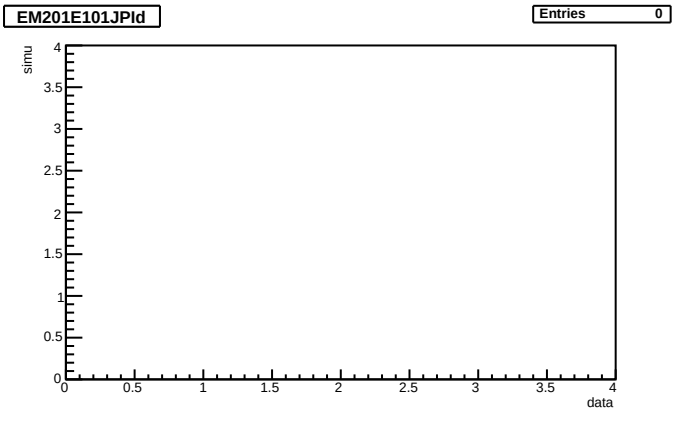

EM201E101JPThBits
Entries 2535991
JP th bits

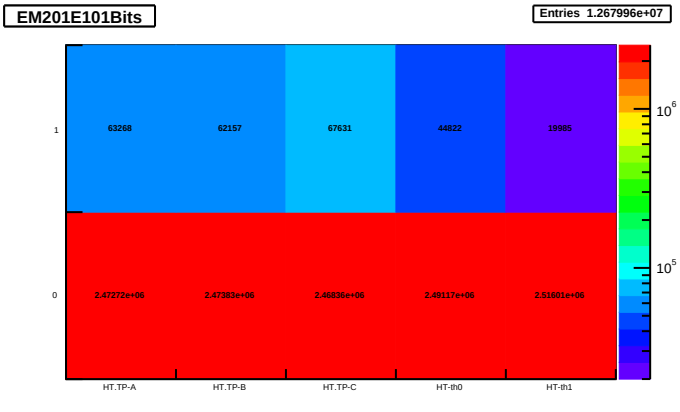

EM201E101JPThBits
Entries 0
simu
data

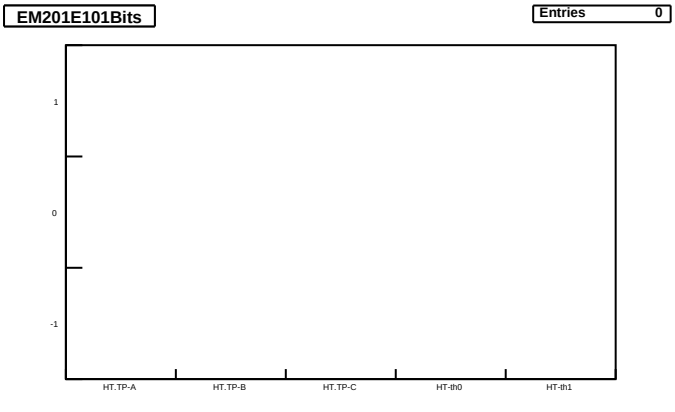

EM201E101JPSum
Entries 2535991
JP partial sum

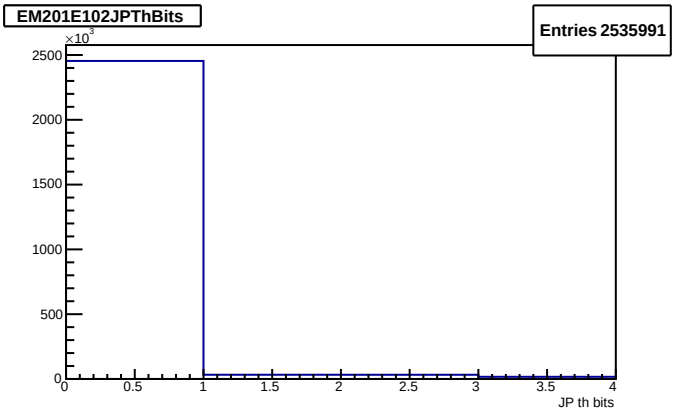

EM201E101JPSum
Entries 0
simu
data

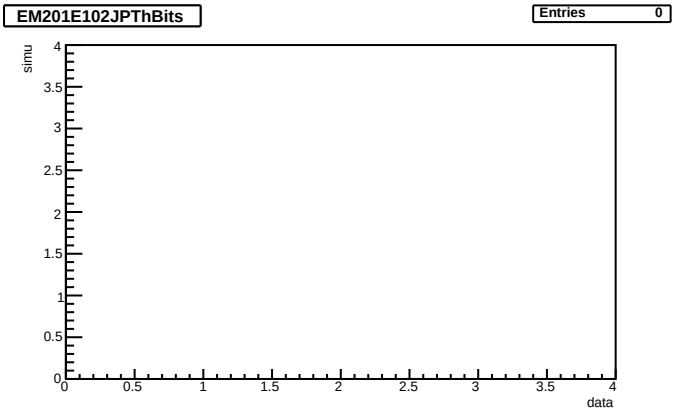

EM201E101JPId
Entries 2535991
JP partial Id

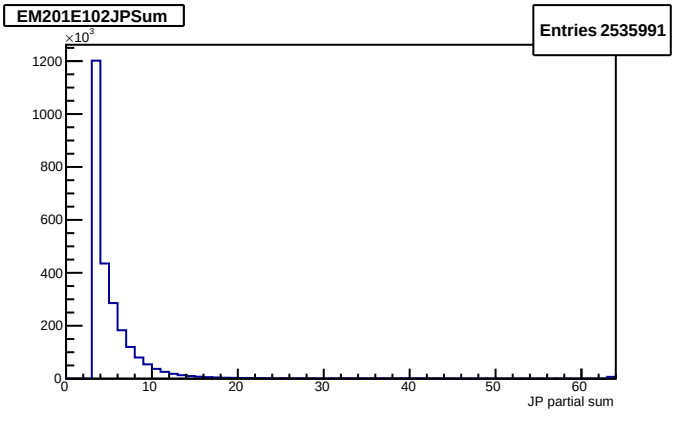

EM201E101JPId
Entries 0
simu
data

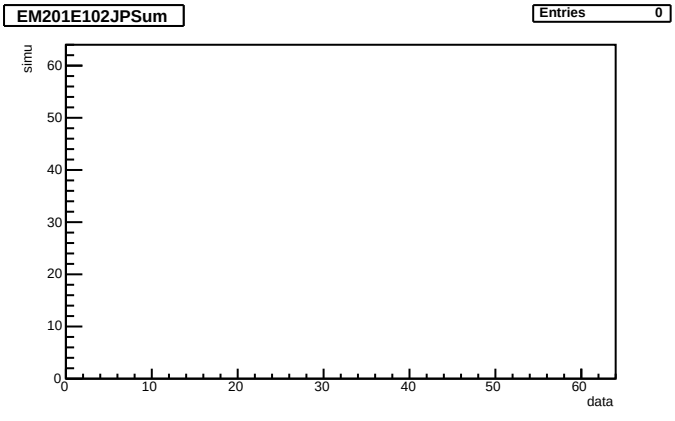

EM201E101Bits
Entries 1.267996e+07
63268
62157
67631
44822
19985
2.47272e+06
2.47383e+06
2.46836e+06
2.49117e+06
2.51601e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

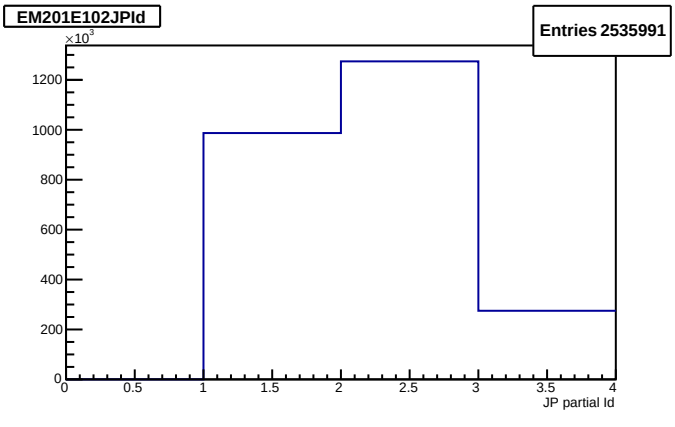

EM201E101Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

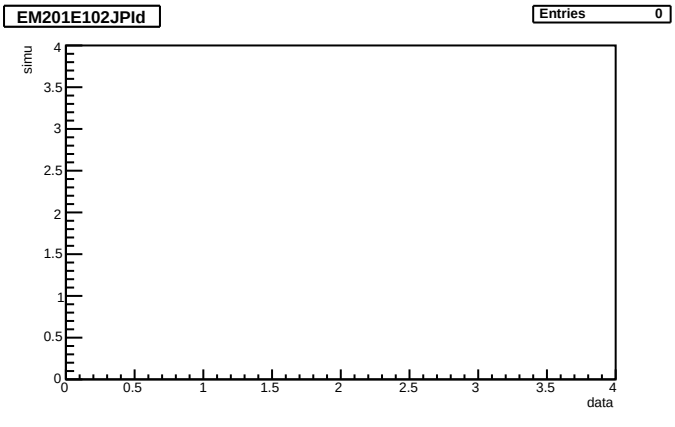

EM201E102JPThBits
Entries 2535991
×10^3
JP th bits

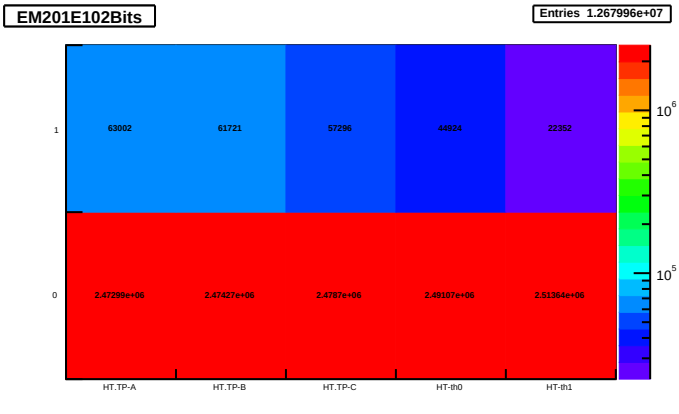

EM201E102JPThBits
Entries 0
simu
data

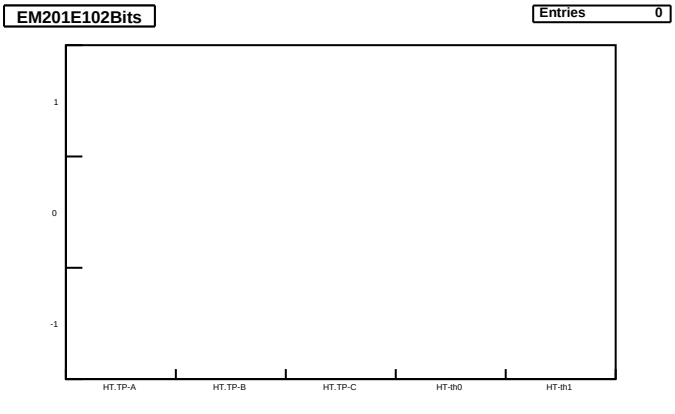

EM201E102JPSum
Entries 2535991
×10^3
JP partial sum

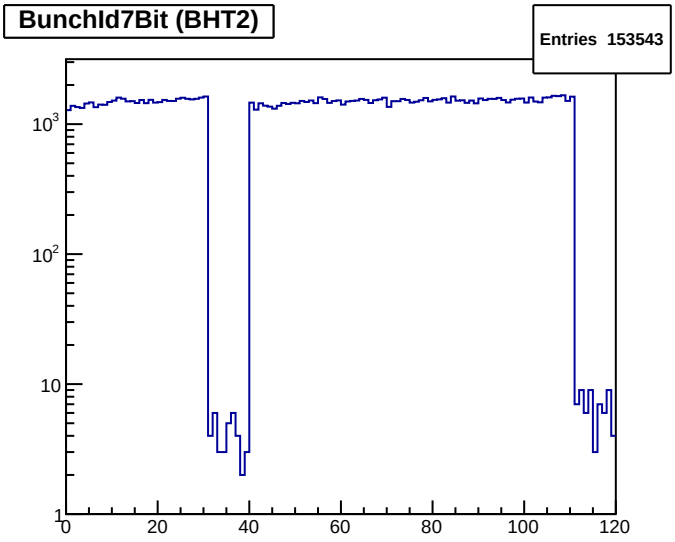

EM201E102JPSum
Entries 0
simu
data

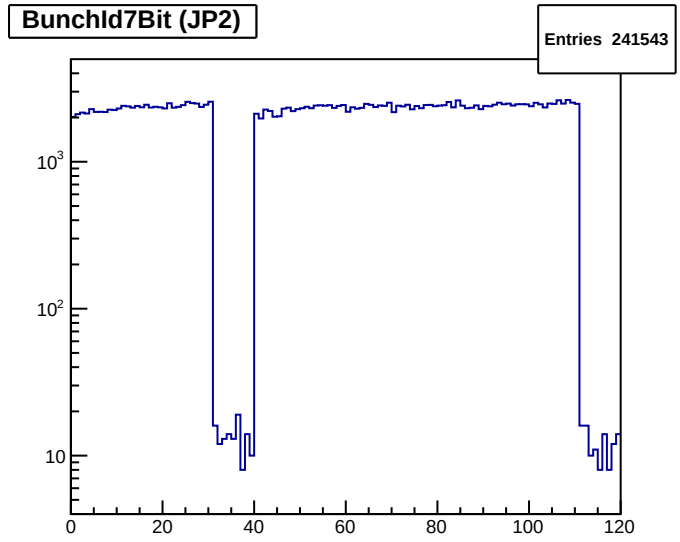

EM201E102JPId
Entries 2535991
×10^3
JP partial Id

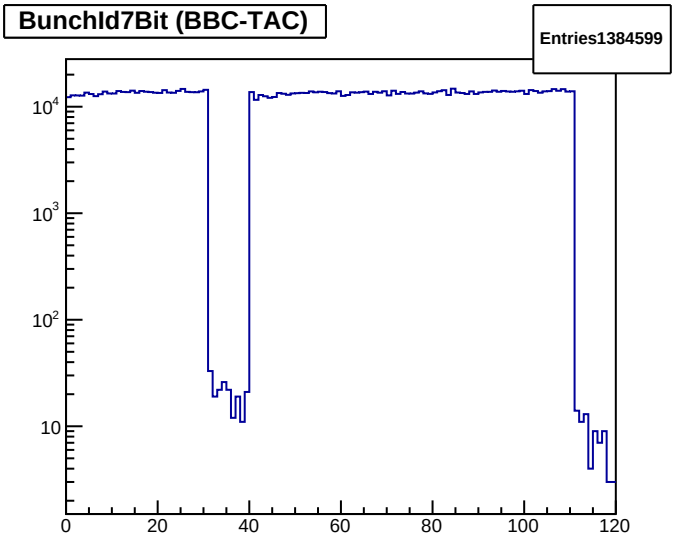

EM201E102JPId
Entries 0
simu
data

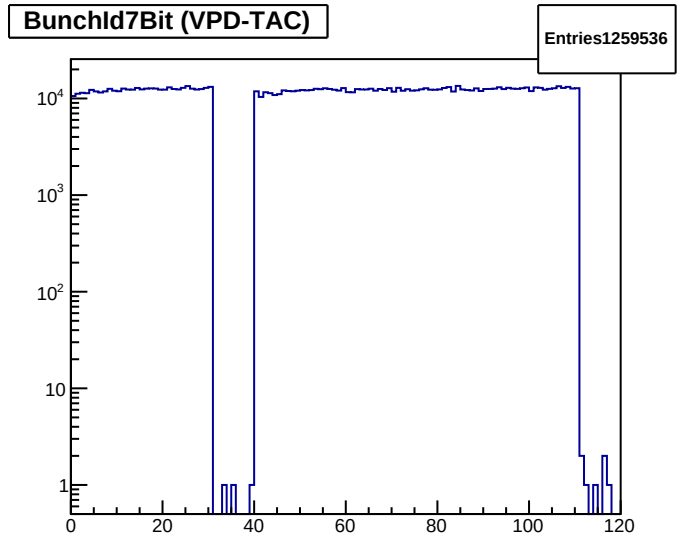

EM201E102Bits
Entries 1.267996e+07
63002
61721
57296
44924
22352
2.47299e+06
2.47427e+06
2.4787e+06
2.49107e+06
2.51364e+06
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

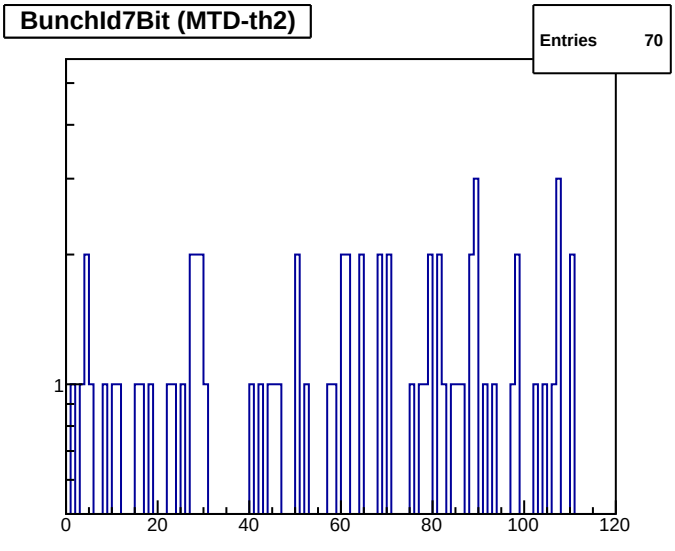

EM201E102Bits
Entries 0
HT.TP-A
HT.TP-B
HT.TP-C
HT-th0
HT-th1

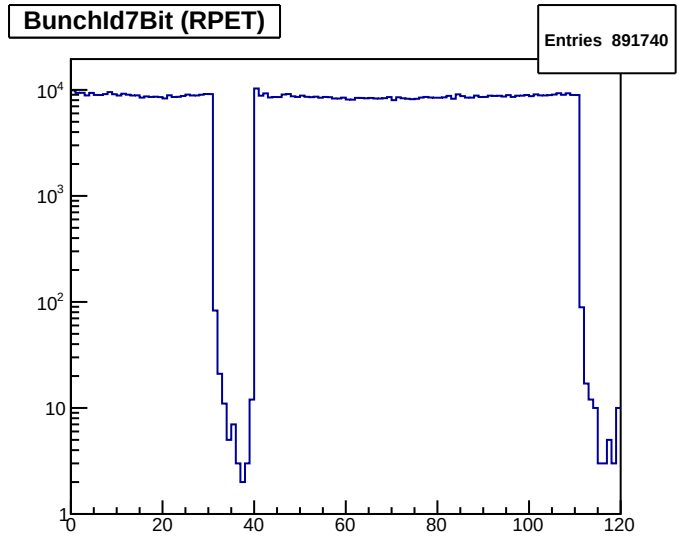

BunchId7Bit (BHT2)
Entries 153543

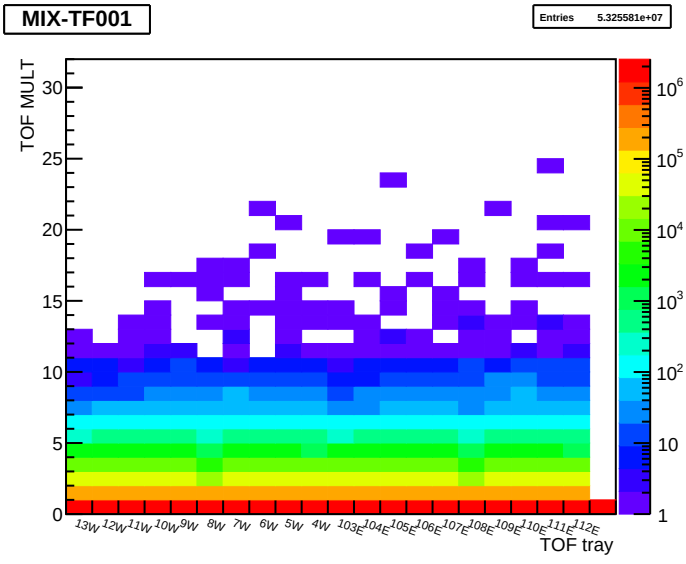

BunchId7Bit (JP2)
Entries 241543

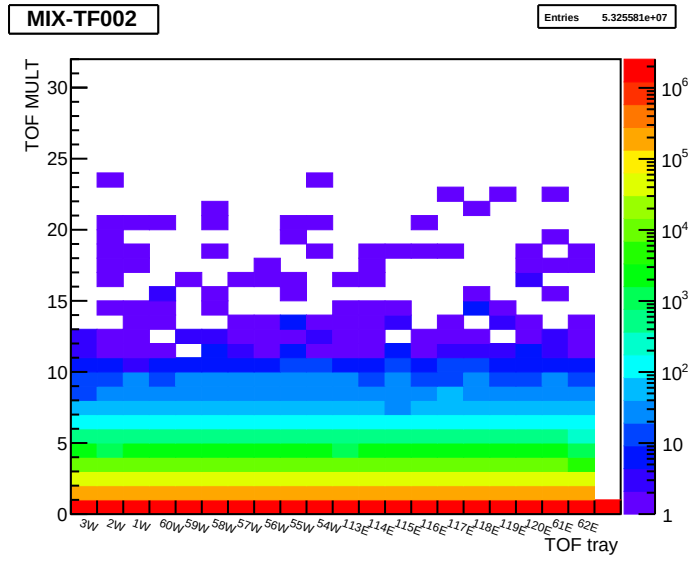

BunchId7Bit (BBC-TAC)
Entries1384599

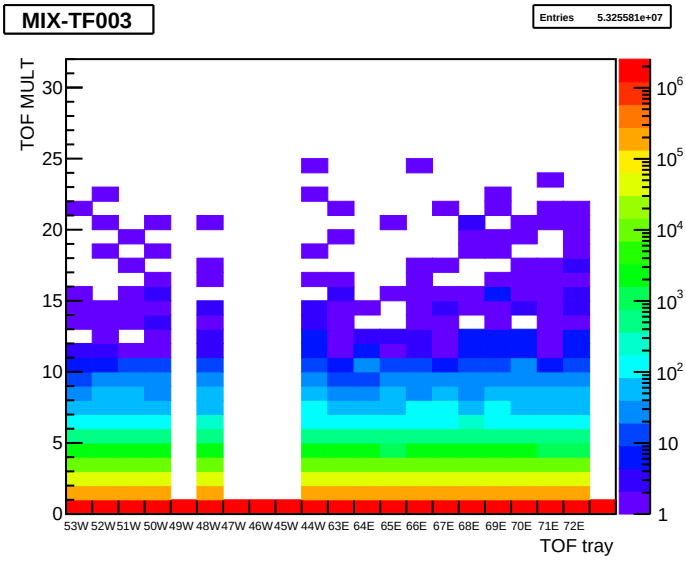

BunchId7Bit (VPD-TAC)
Entries1259536

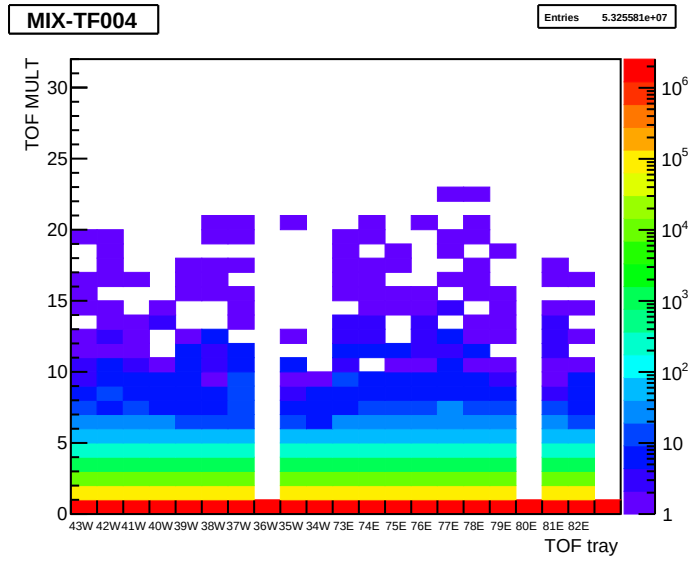

BunchId7Bit (MTD-th2)
Entries 70

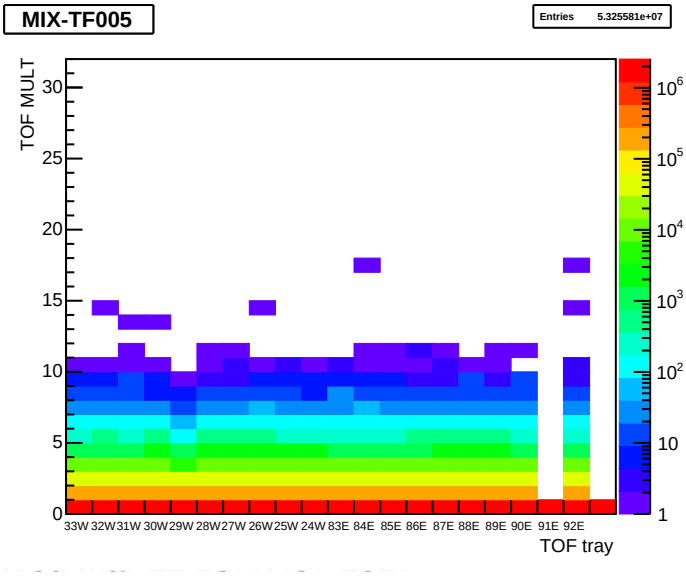

BunchId7Bit (RPET)
Entries 891740

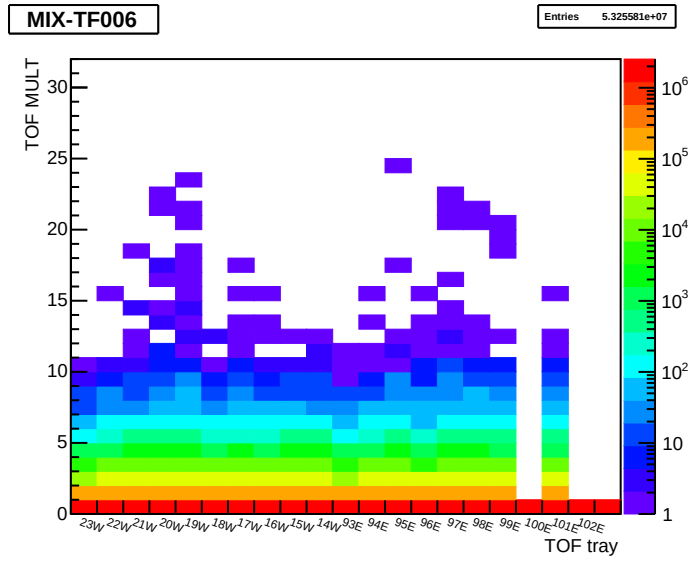

MIX-TF001
Entries 5.325581e+07
TOF MULT
TOF tray

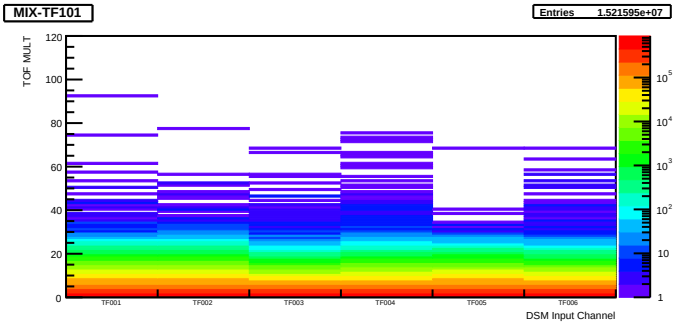

MIX-TF002
Entries 5.325581e+07
TOF MULT
TOF tray

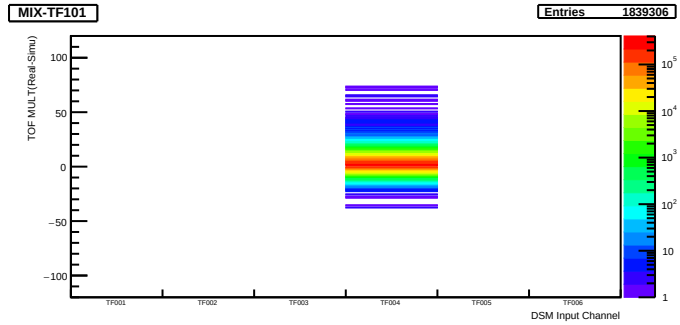

MIX-TF003
Entries 5.325581e+07
TOF MULT
TOF tray

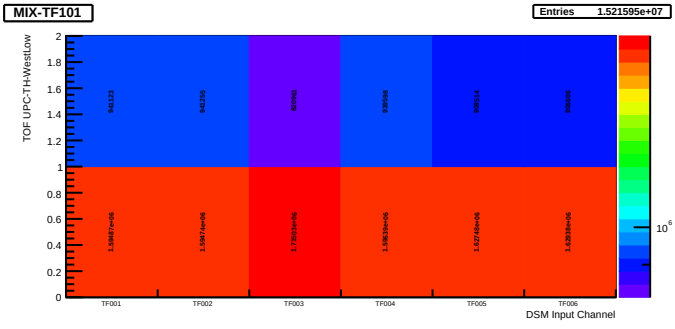

MIX-TF004
Entries 5.325581e+07
TOF MULT
TOF tray

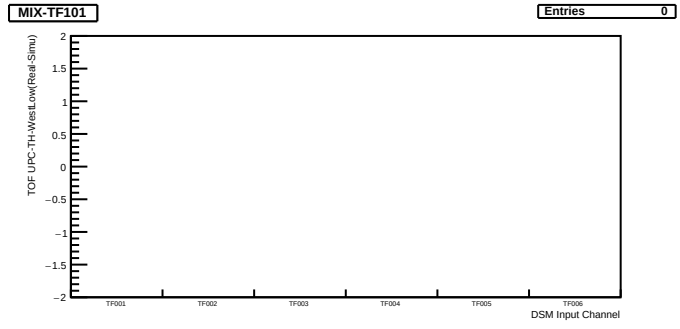

MIX-TF005
Entries 5.325581e+07
TOF MULT
TOF tray

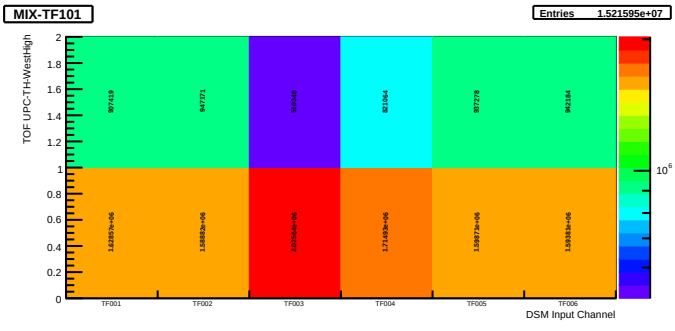

MIX-TF006
Entries 5.325581e+07
TOF MULT
TOF tray

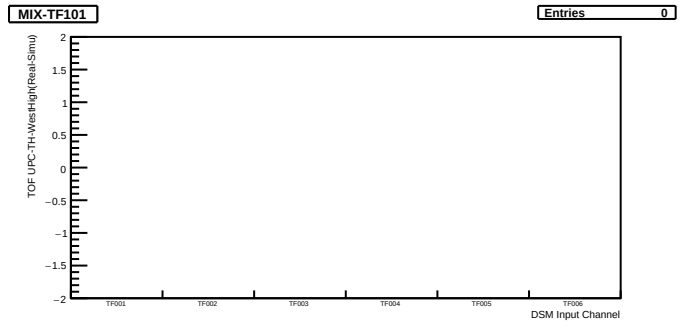

MIX-TF101
Entries 1.521595e+07
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

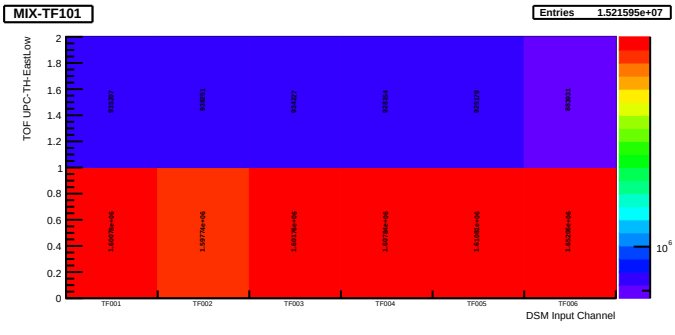

MIX-TF101
Entries 1839306
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

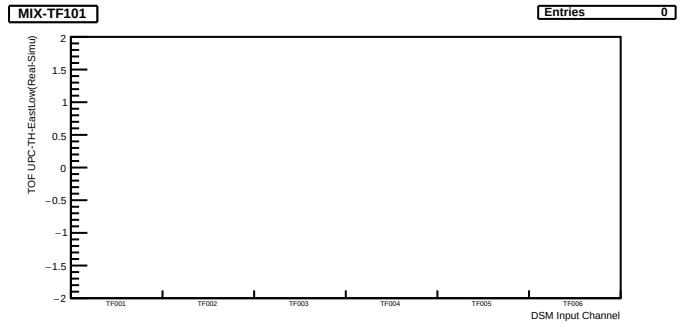

MIX-TF101
Entries 1.521595e+07
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

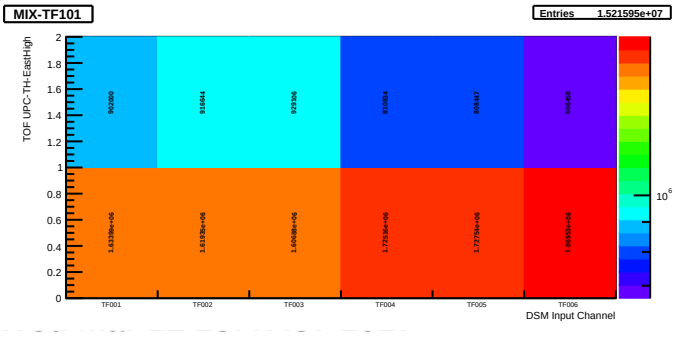

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

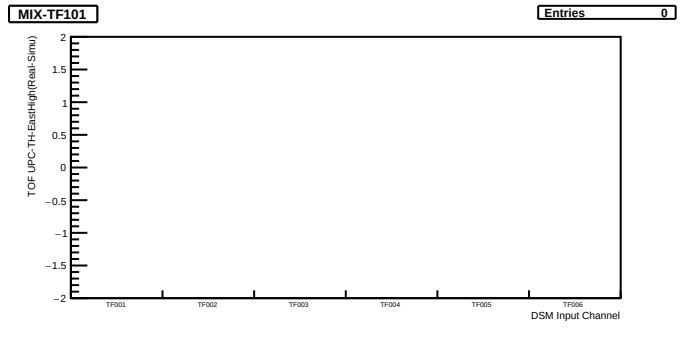

MIX-TF101
Entries 1.521595e+07
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

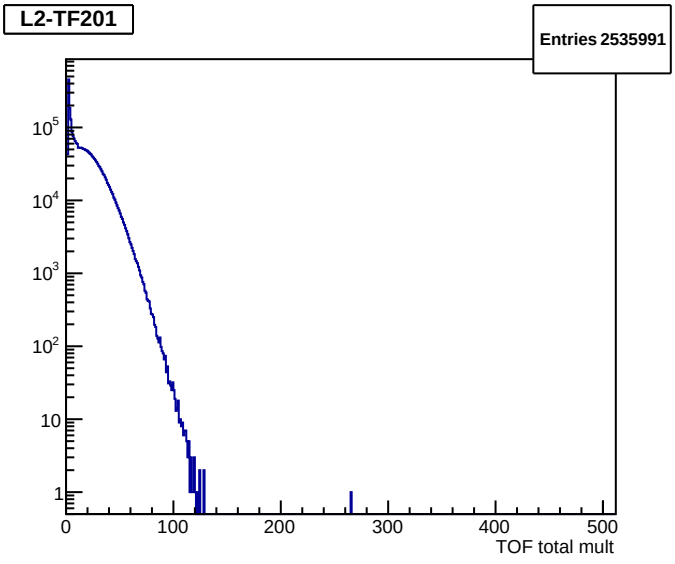

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

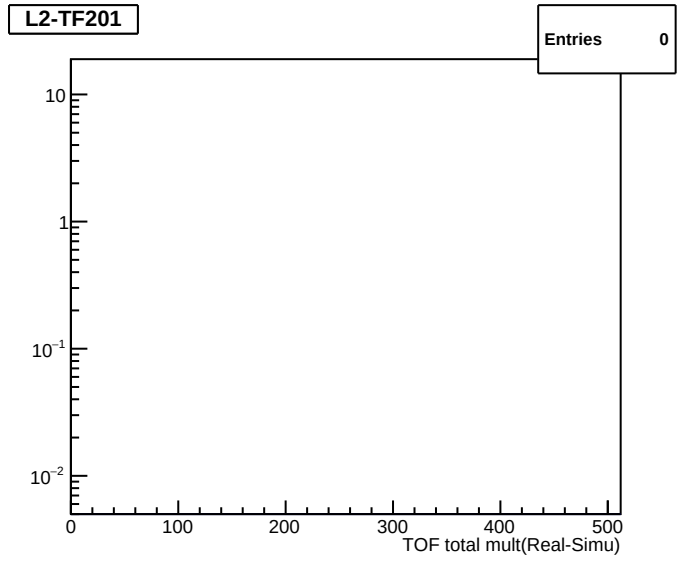

MIX-TF101
Entries 1.521595e+07
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

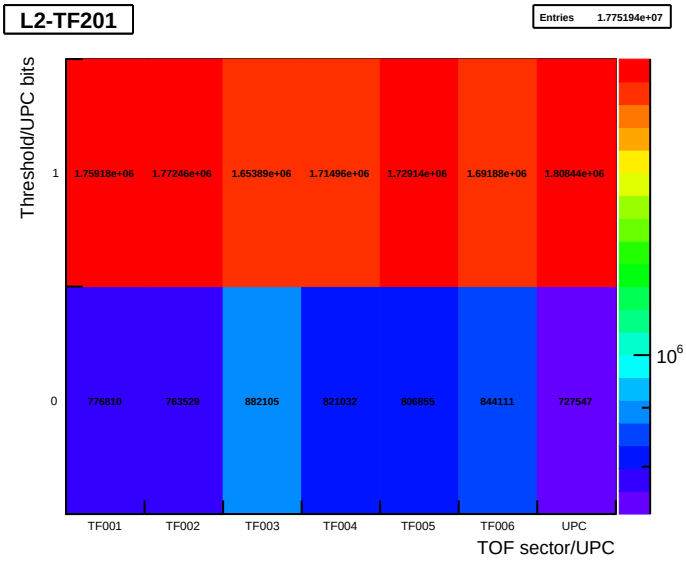

MIX-TF101
Entries 0
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

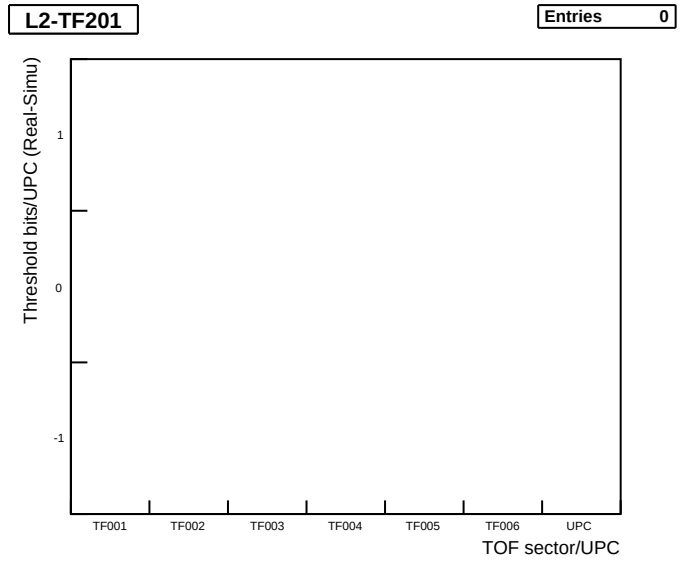

MIX-TF101
Entries 1.521595e+07
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

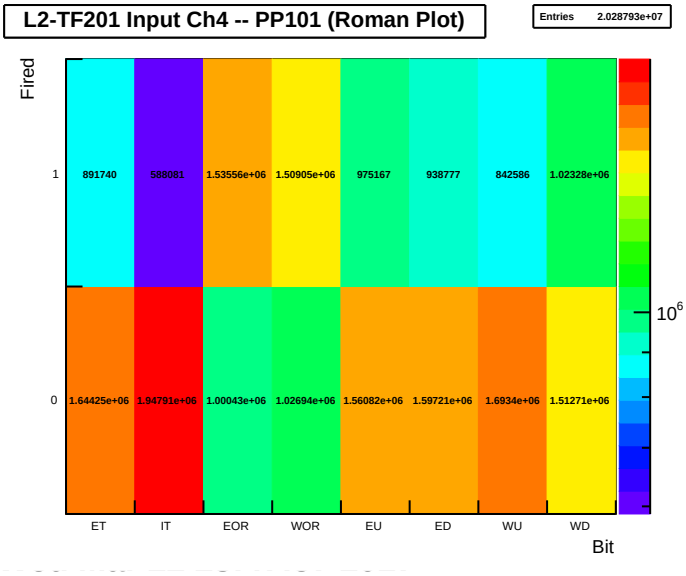

MIX-TF101
Entries 0
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

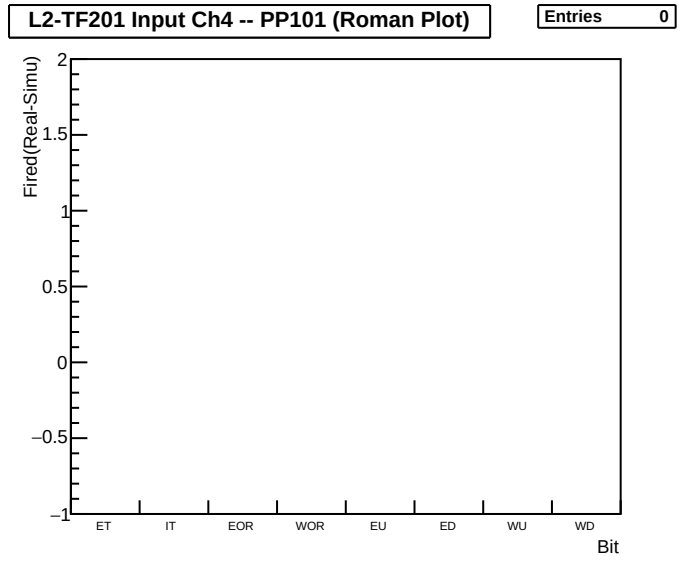

L2-TF201
Entries 2535991
TOF total mult

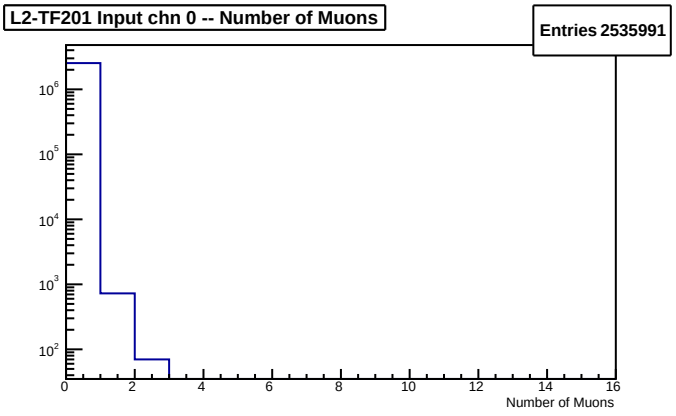

L2-TF201
Entries 0
TOF total mult(Real-Simu)

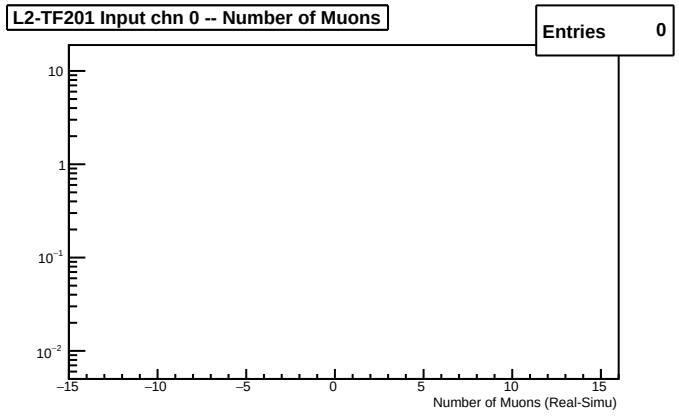

L2-TF201
Entries 1.775194e+07
Threshold/UPC bits
1.75918e+06
1.77246e+06
1.65389e+06
1.71496e+06
1.72914e+06
1.69188e+06
1.80844e+06
776810
763529
882105
821032
806855
844111
727547
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

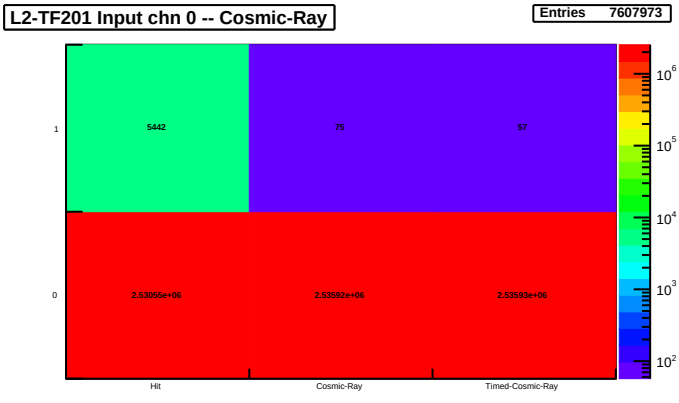

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

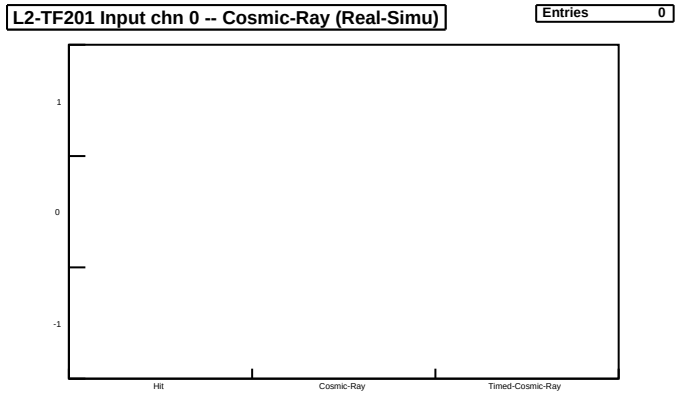

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 2.028793e+07
Fired
891740
588081
1.53556e+06
1.50905e+06
975167
938777
842586
1.02328e+06
1.64425e+06
1.94791e+06
1.00043e+06
1.02694e+06
1.56082e+06
1.59721e+06
1.6934e+06
1.51271e+06
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

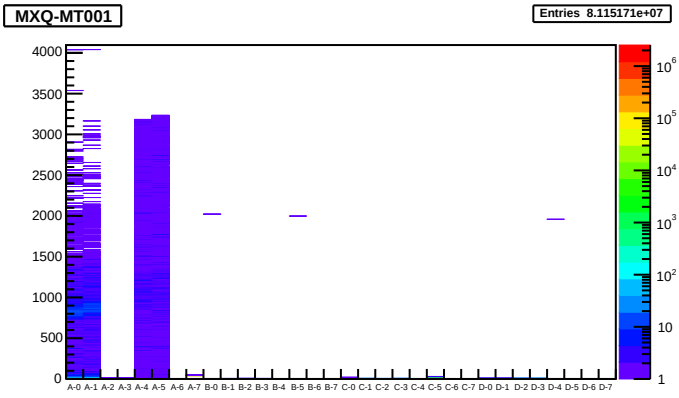

L2-TF201 Input Ch4 -- PP101 (Roman Plot)
Entries 0
Fired(Real-Simu)
ET
IT
EOR
WOR
EU
ED
WU
WD
Bit

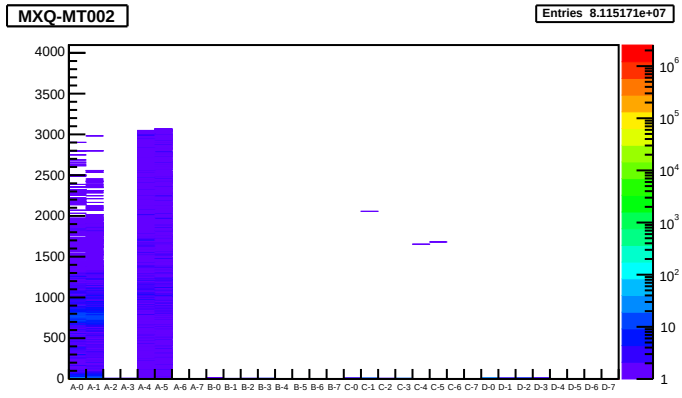

L2-TF201 Input chn 0 -- Number of Muons
Entries 2535991
Number of Muons


L2-TF201 Input chn 0 -- Number of Muons
Entries 0
Number of Muons (Real-Simu)


L2-TF201 Input chn 0 -- Cosmic-Ray
Entries 7607973
5442
75
57
2.53055e+06
2.53592e+06
2.53593e+06
Hit
Cosmic-Ray
Timed-Cosmic-Ray


L2-TF201 Input chn 0 -- Cosmic-Ray (Real-Simu)
Entries 0
Hit
Cosmic-Ray
Timed-Cosmic-Ray


MXQ-MT001
Entries 8.115171e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT002
Entries 8.115171e+07
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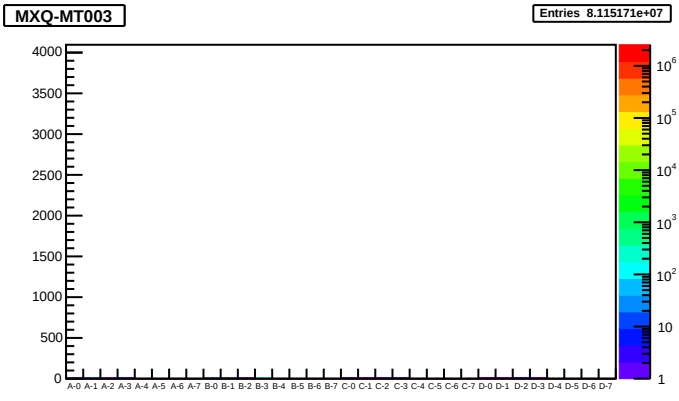
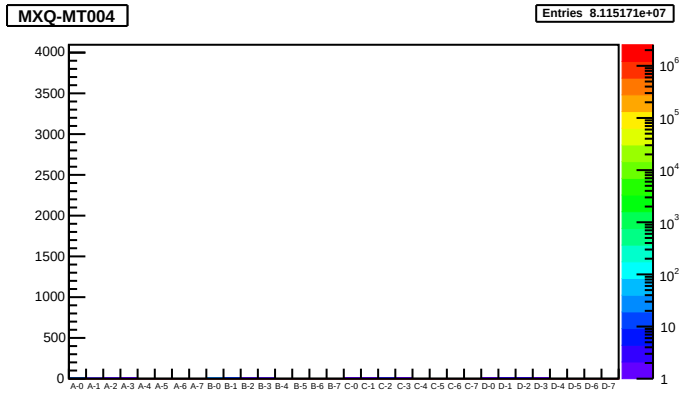
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT003
Entries 8.115171e+07
4000
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1


MXQ-MT004
Entries 8.115171e+07
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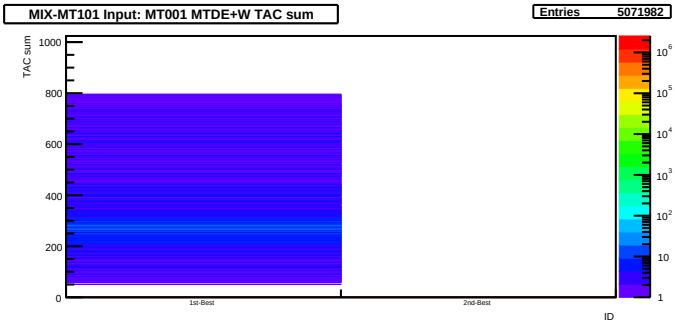
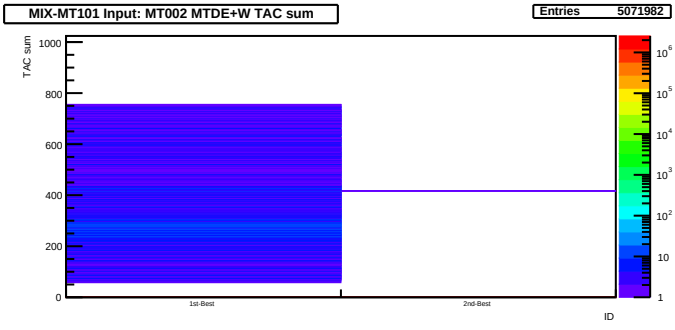
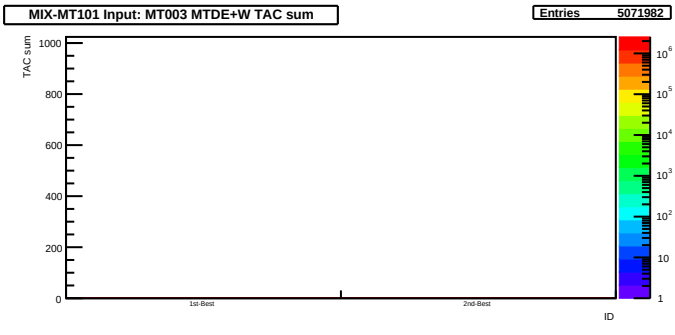
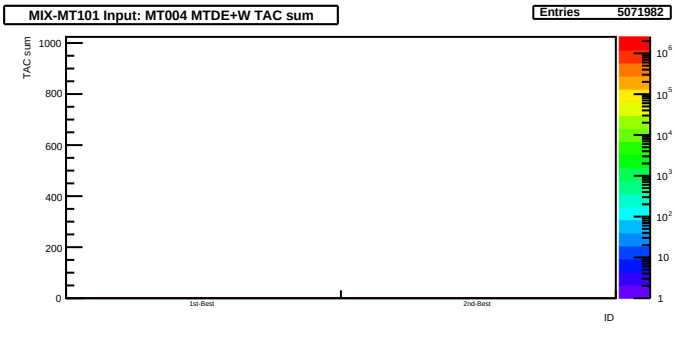
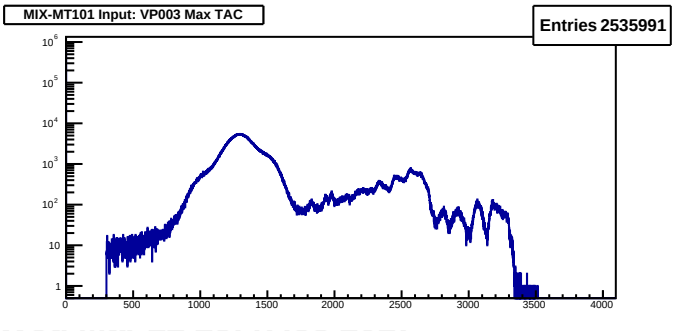
3500
3000
2500
2000
1500
1000
500
0
A-0 A-1 A-2 A-3 A-4 A-5 A-6 A-7 B-0 B-1 B-2 B-3 B-4 B-5 B-6 B-7 C-0 C-1 C-2 C-3 C-4 C-5 C-6 C-7 D-0 D-1 D-2 D-3 D-4 D-5 D-6 D-7
10^6
10^5
10^4
10^3
10^2
10
1

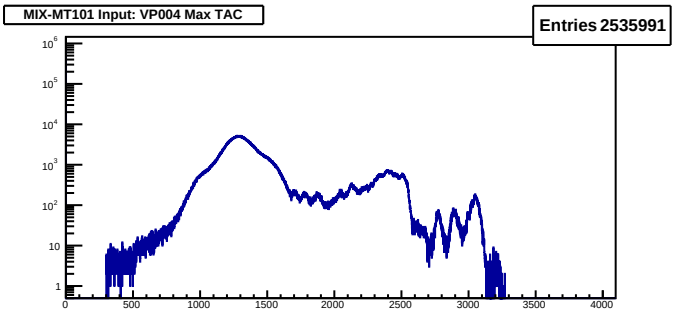

MIX-MT101 Input: MT001 MTDE+W TAC sum
Entries 5071982
TAC sum
1st-Best
2nd-Best
ID

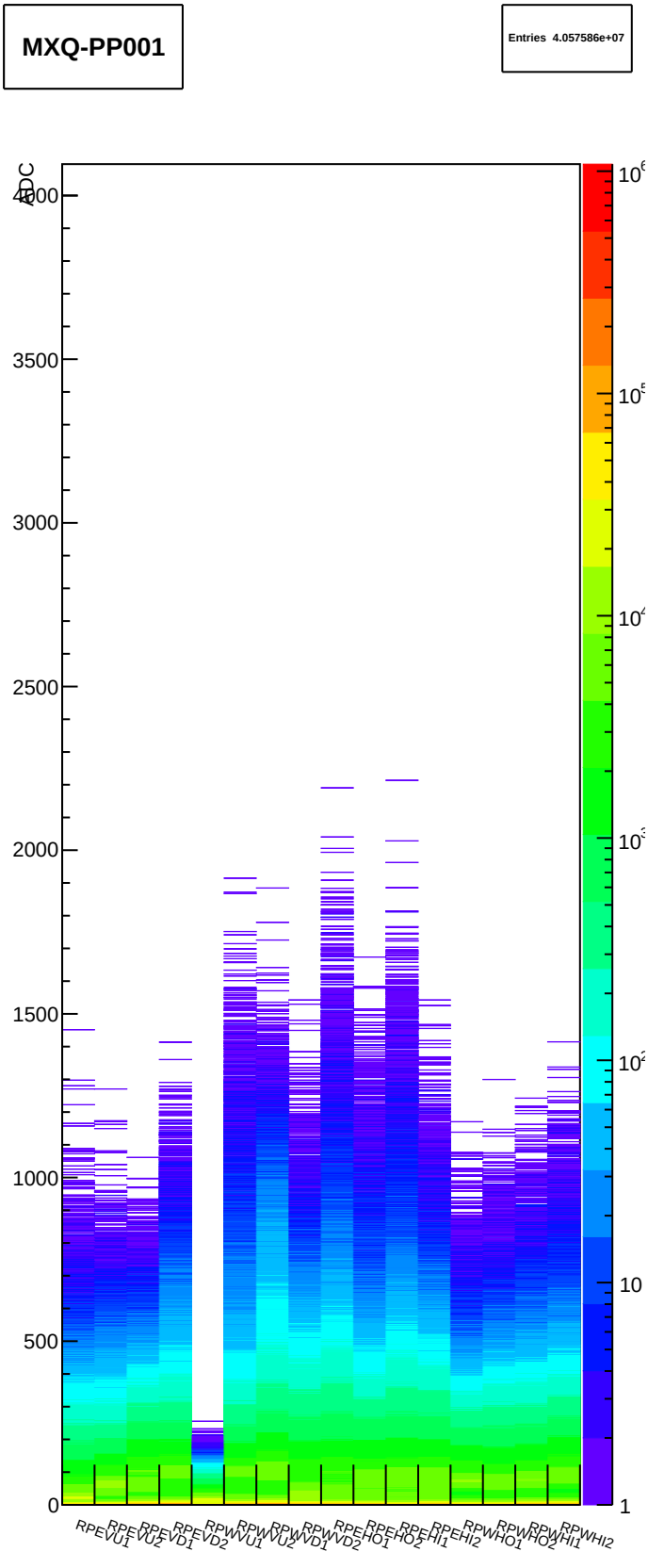

MIX-MT101 Input: MT002 MTDE+W TAC sum
Entries 5071982
TAC sum
1st-Best
2nd-Best
ID

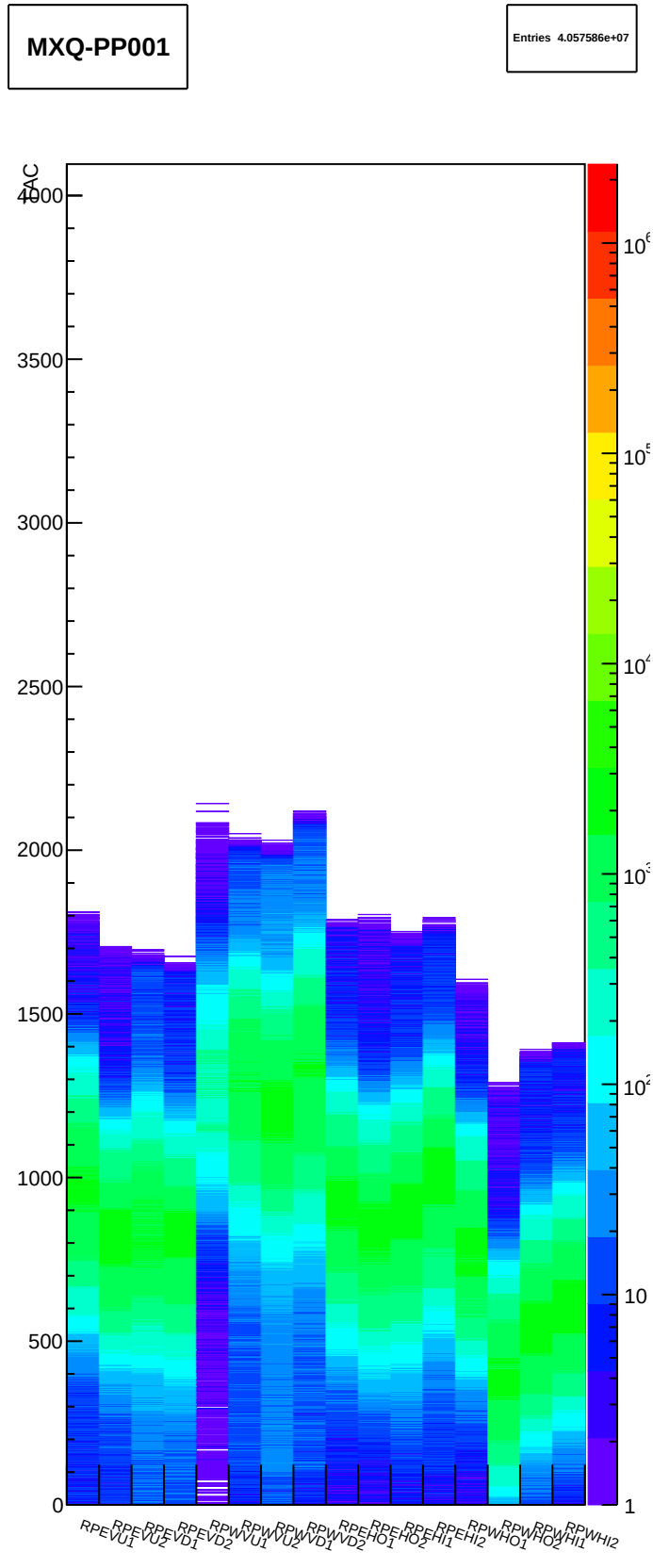

MIX-MT101 Input: MT003 MTDE+W TAC sum
Entries 5071982
TAC sum
1st-Best
2nd-Best
ID

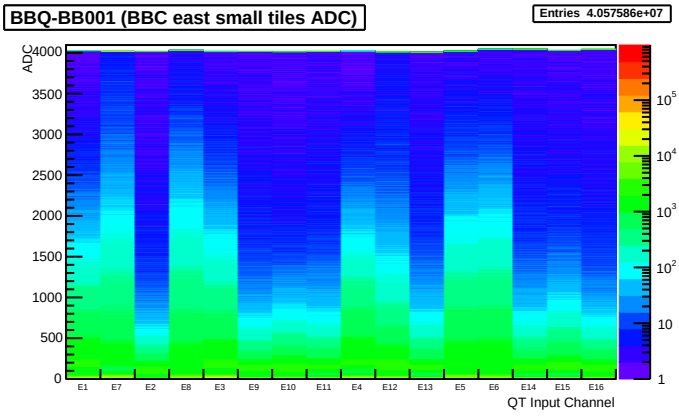

MIX-MT101 Input: MT004 MTDE+W TAC sum
Entries 5071982
TAC sum
1st-Best
2nd-Best
ID

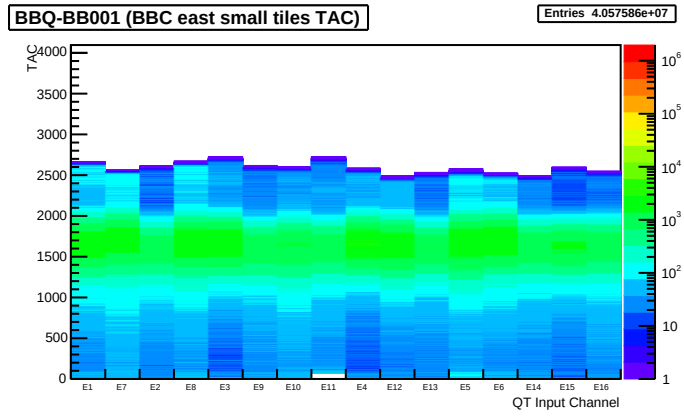

MIX-MT101 Input: VP003 Max TAC
Entries 2535991

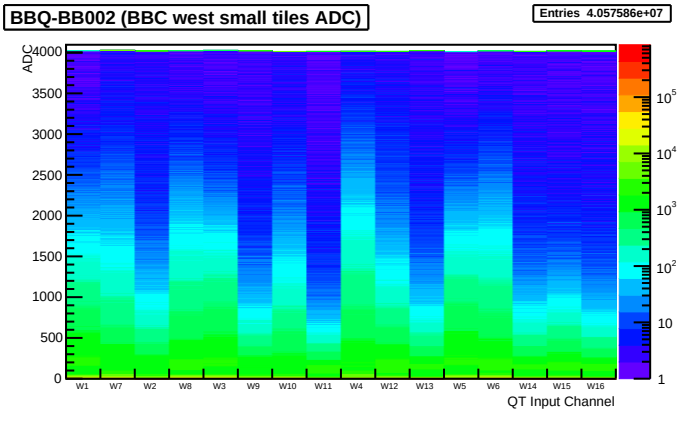

MIX-MT101 Input: VP004 Max TAC
Entries 2535991

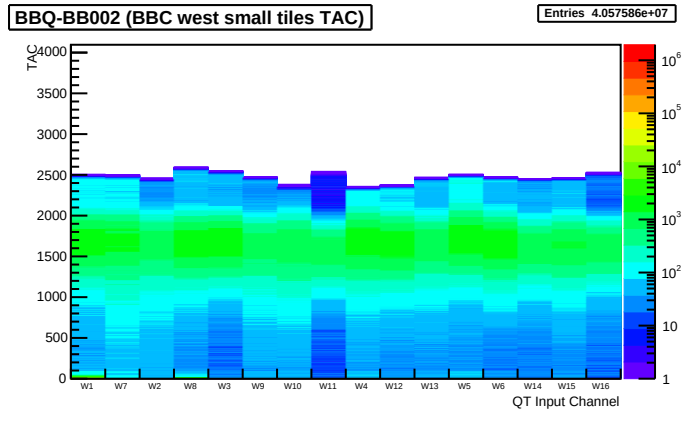

MXQ-PP001
Entries 4.057586e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10
10²
10³
10⁴
10⁵
10⁶

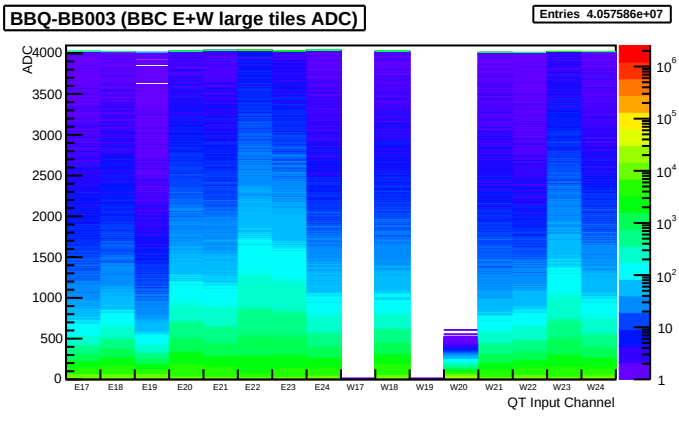

MXQ-PP001
Entries 4.057586e+07
ADC
4000
3500
3000
2500
2000
1500
1000
500
0
RPEVU1
RPEVU2
RPEVD1
RPEVD2
RPWVU1
RPWVU2
RPWVD1
RPWVD2
RPEHO1
RPEHO2
RPEHI1
RPEHI2
RPWHO1
RPWHO2
RPWHI1
RPWHI2
1
10
10²
10³
10⁴
10⁵
10⁶

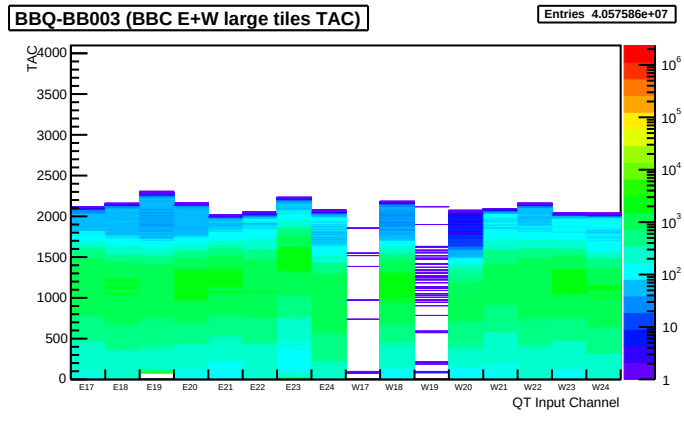

BBQ-BB001 (BBC east small tiles ADC)
Entries 4.057586e+07
ADC
QT Input Channel

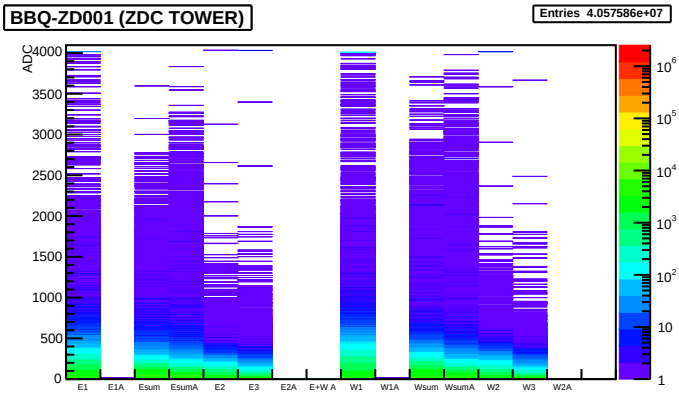

BBQ-BB001 (BBC east small tiles TAC)
Entries 4.057586e+07
TAC
QT Input Channel

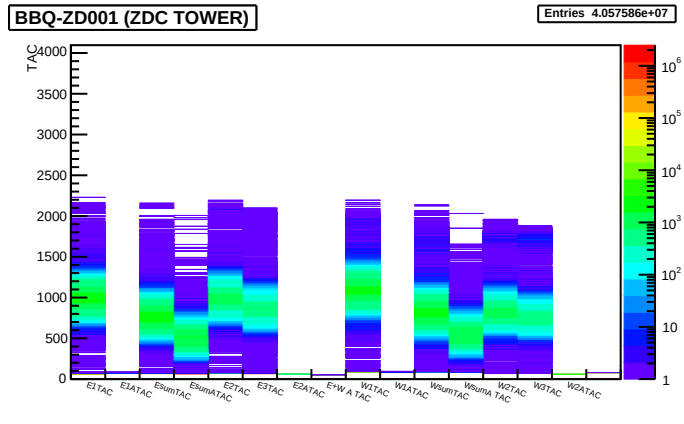

BBQ-BB002 (BBC west small tiles ADC)
Entries 4.057586e+07
ADC
QT Input Channel

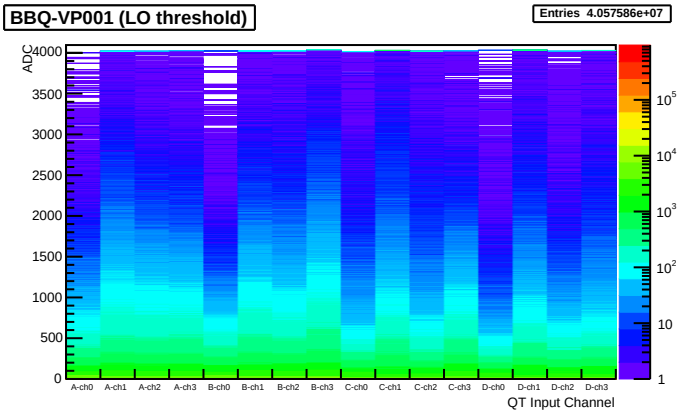

BBQ-BB002 (BBC west small tiles TAC)
Entries 4.057586e+07
TAC
QT Input Channel

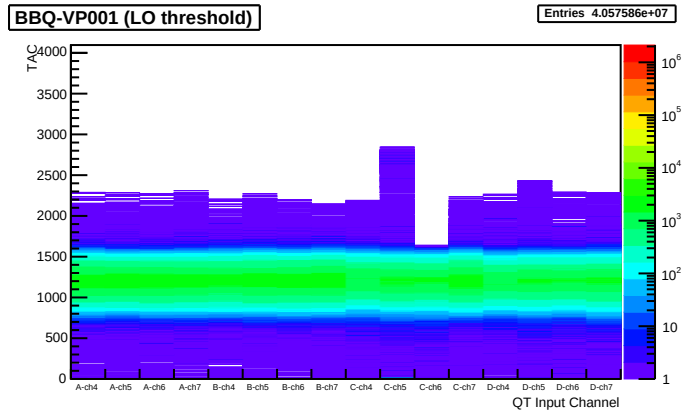

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.057586e+07
ADC
QT Input Channel

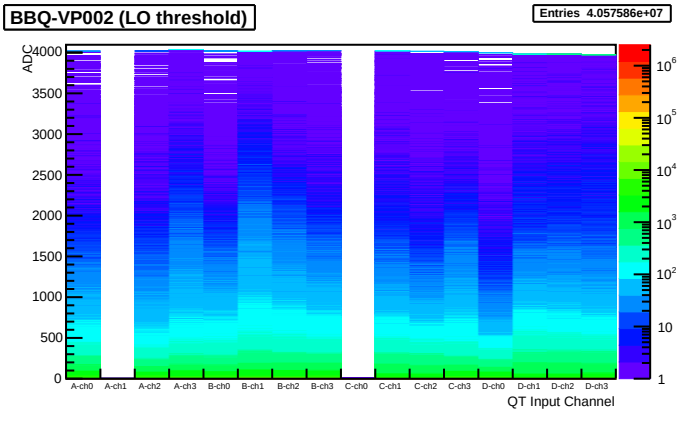

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.057586e+07
TAC
QT Input Channel

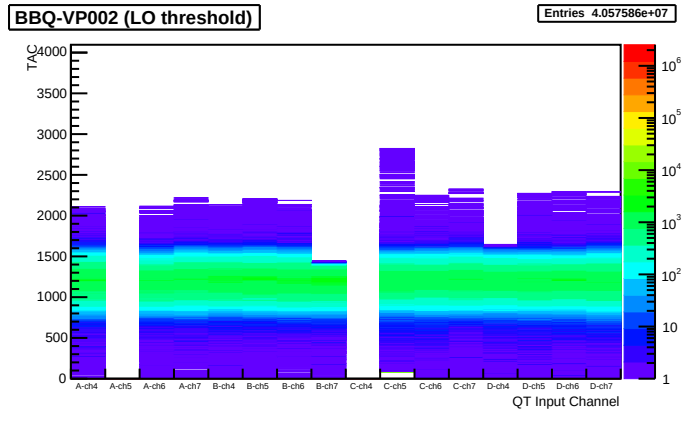

BBQ-ZD001 (ZDC TOWER)
Entries 4.057586e+07
ADC

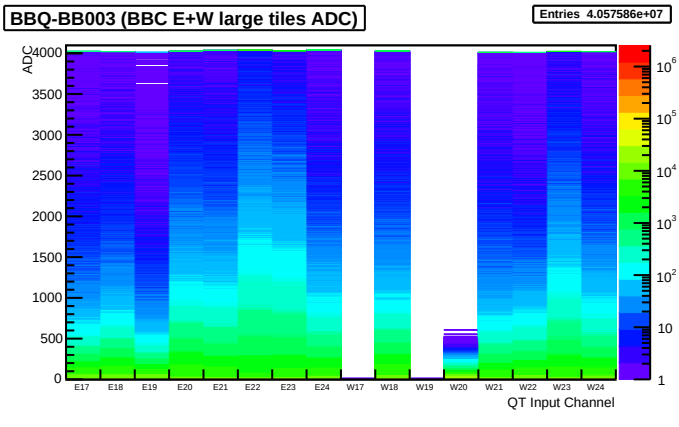

BBQ-ZD001 (ZDC TOWER)
Entries 4.057586e+07
TAC

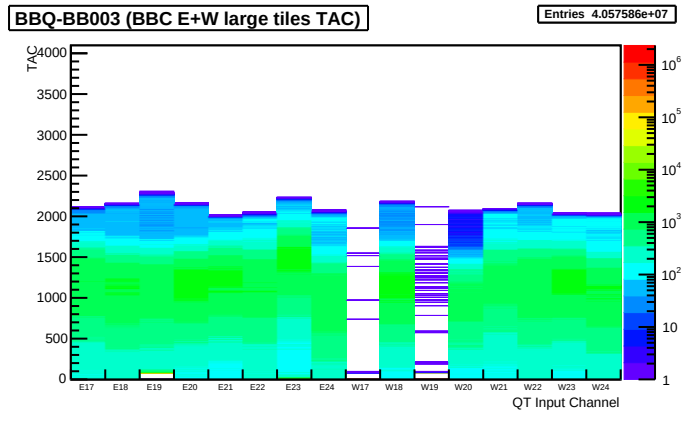

BBQ-VP001 (LO threshold)
Entries 4.057586e+07
ADC
QT Input Channel

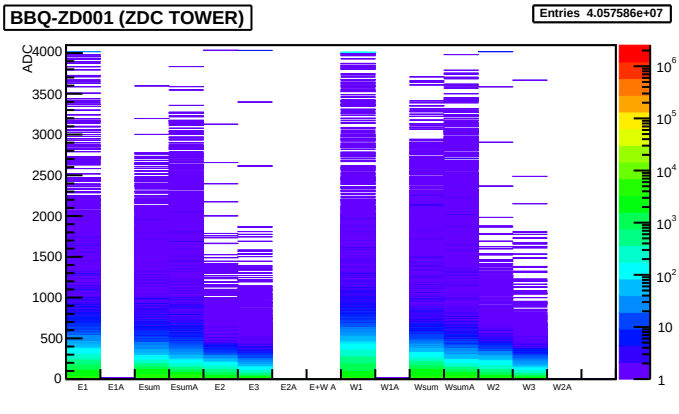

BBQ-VP001 (LO threshold)
Entries 4.057586e+07
TAC
QT Input Channel

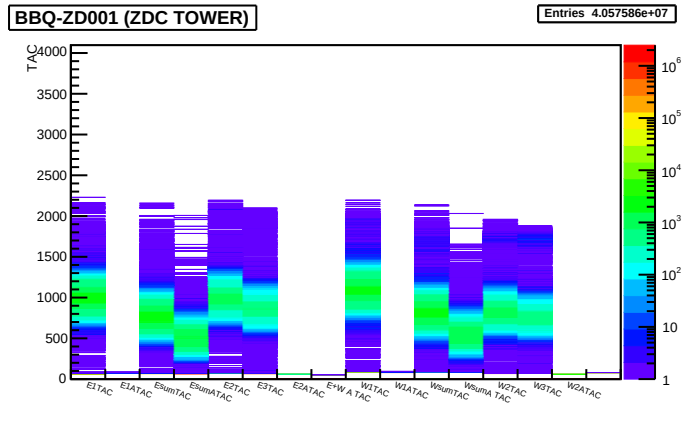

BBQ-VP002 (LO threshold)
Entries 4.057586e+07
ADC
QT Input Channel

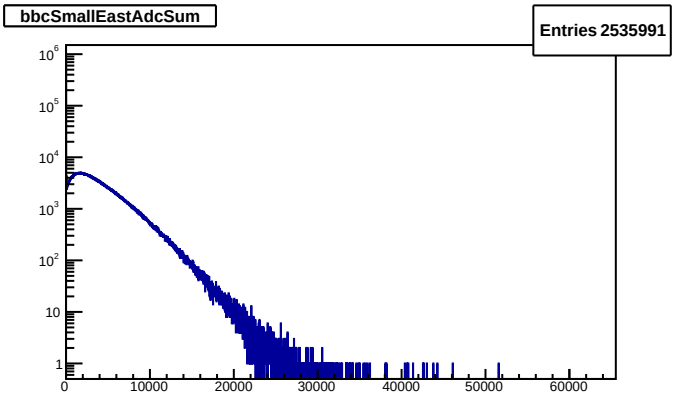

BBQ-VP002 (LO threshold)
Entries 4.057586e+07
TAC
QT Input Channel

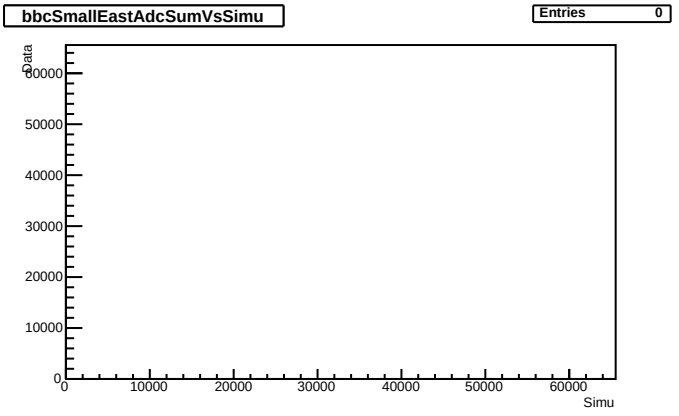

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4.057586e+07
ADC
QT Input Channel

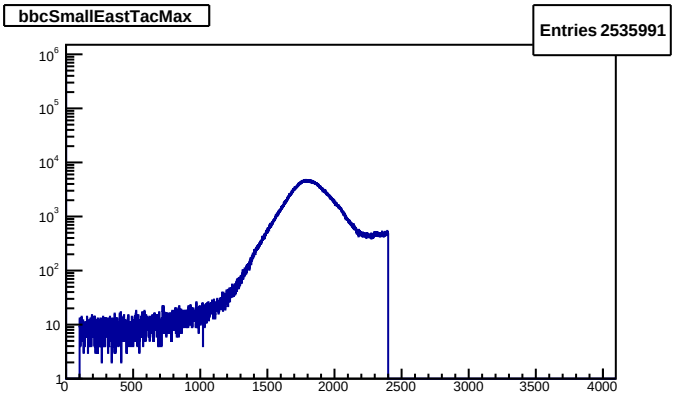

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4.057586e+07
TAC
QT Input Channel

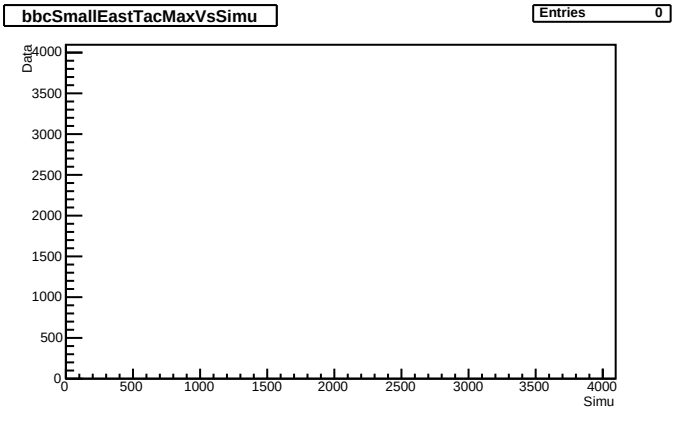

BBQ-ZD001 (ZDC TOWER)
Entries 4.057586e+07
ADC

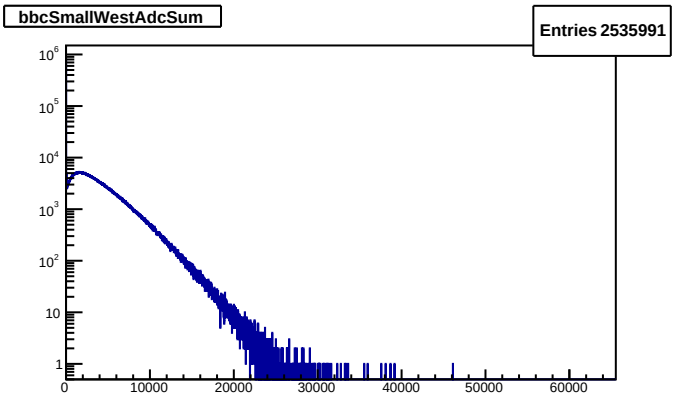

BBQ-ZD001 (ZDC TOWER)
Entries 4.057586e+07
TAC

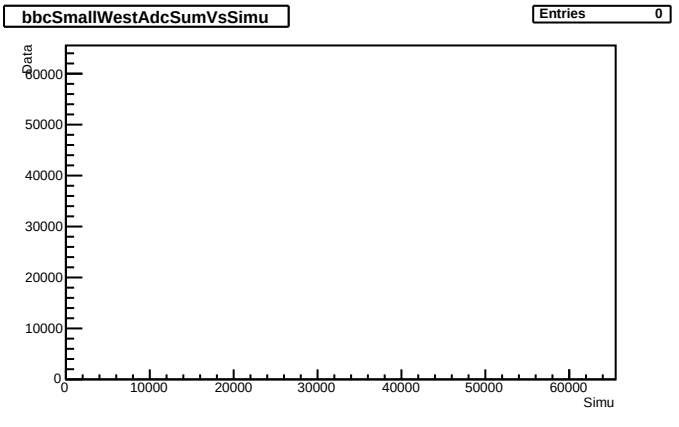

bbcSmallEastAdcSum
Entries 2535991

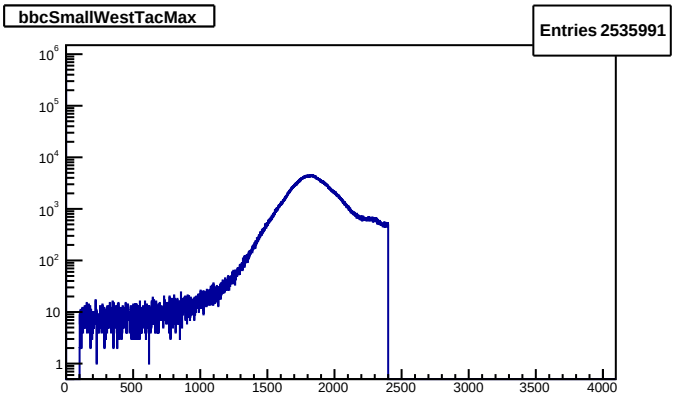

bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu

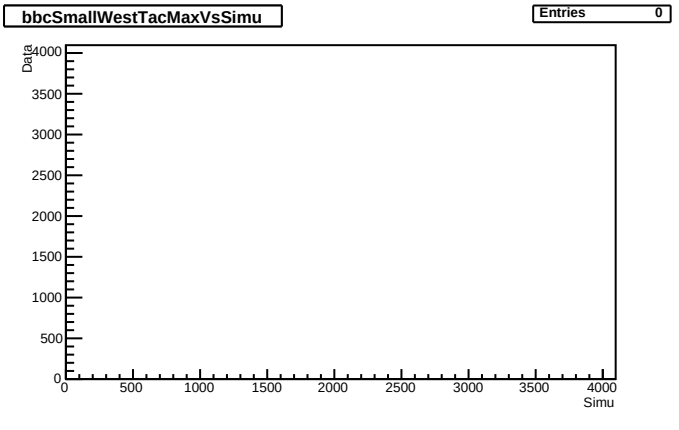

bbcSmallEastTacMax
Entries 2535991

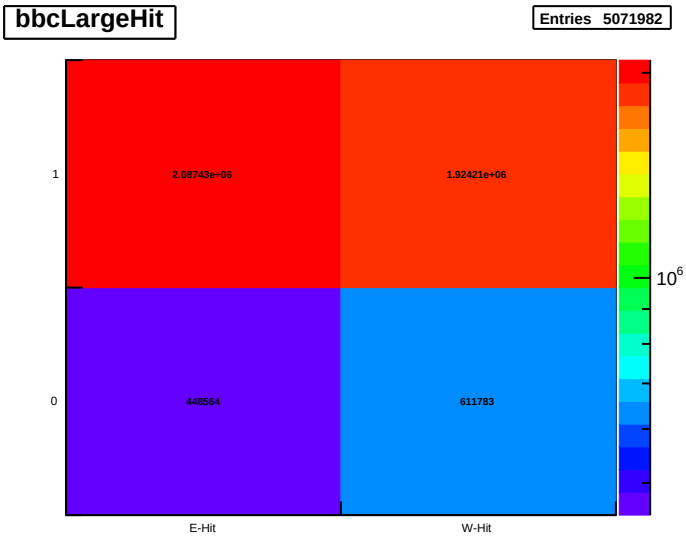

bbcSmallEastTacMaxVsSimu
Entries 0
Data
Simu

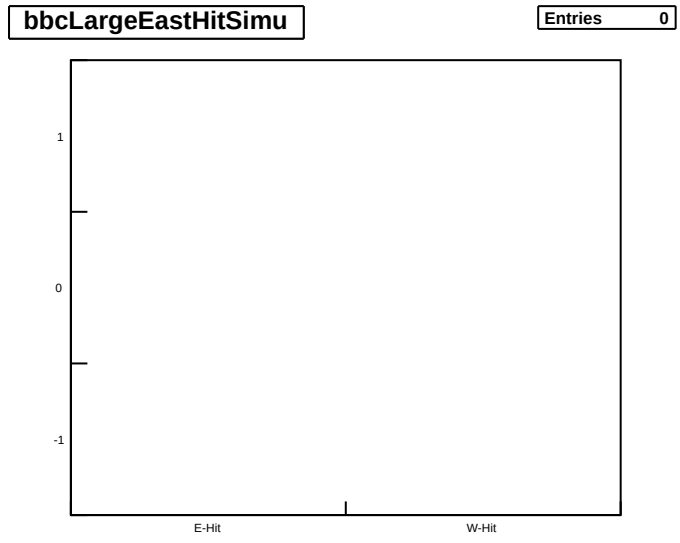

bbcSmallWestAdcSum
Entries 2535991

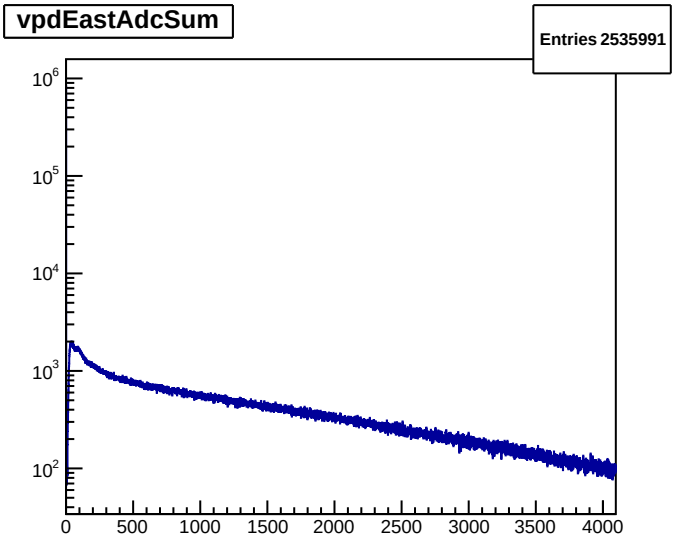

bbcSmallWestAdcSumVsSimu
Entries 0
Data
Simu

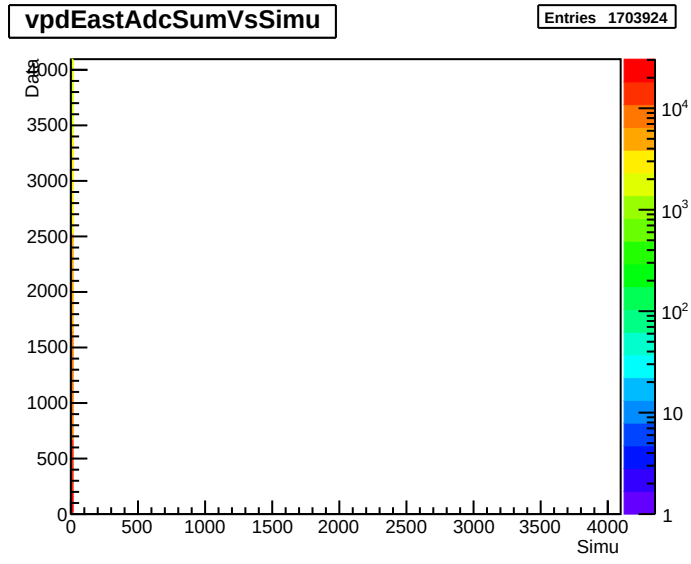

bbcSmallWestTacMax
Entries 2535991

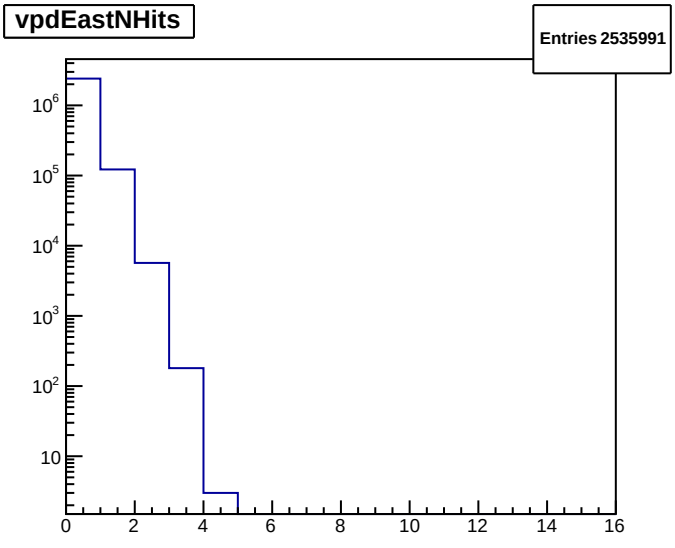

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu

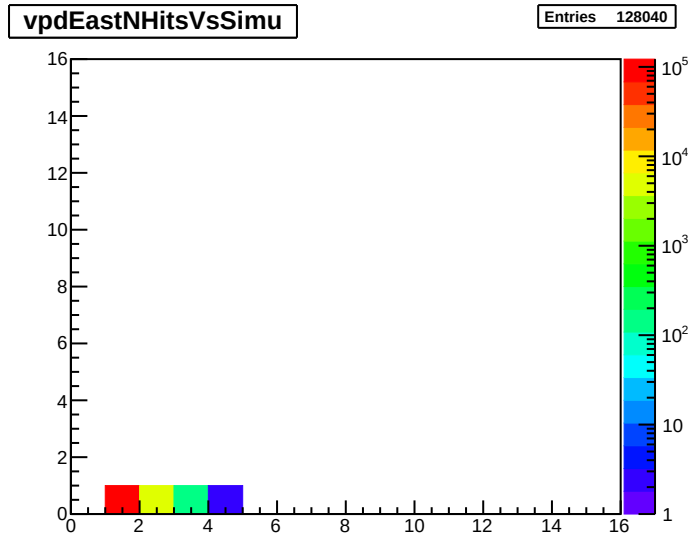

bbcLargeHit
Entries 5071982
1
0
2.08743e+06
1.92421e+06
448564
611783
E-Hit
W-Hit
10^6

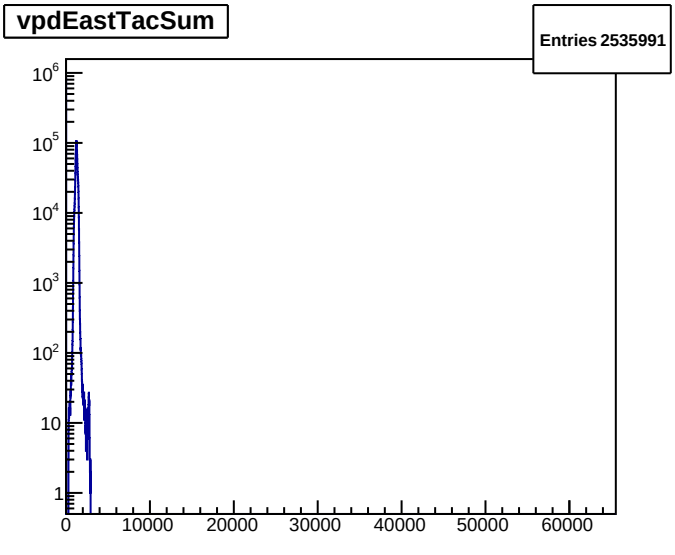

bbcLargeEastHitSimu
Entries 0
1
0
-1
E-Hit
W-Hit

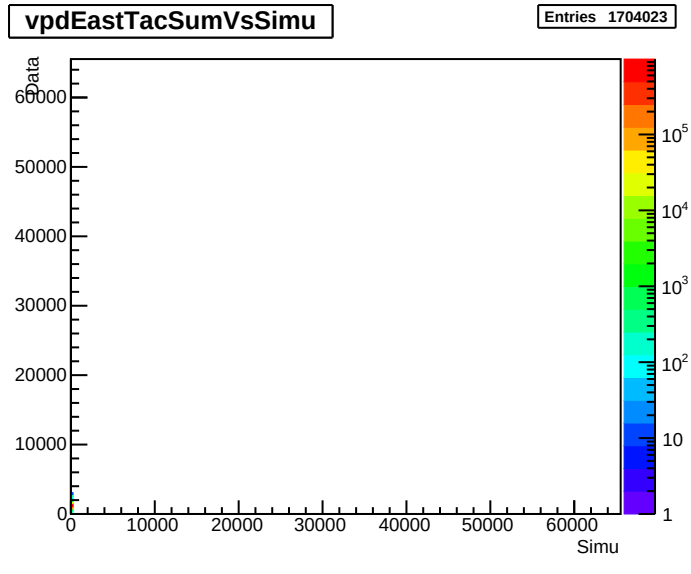

vpdEastAdcSum
Entries 2535991

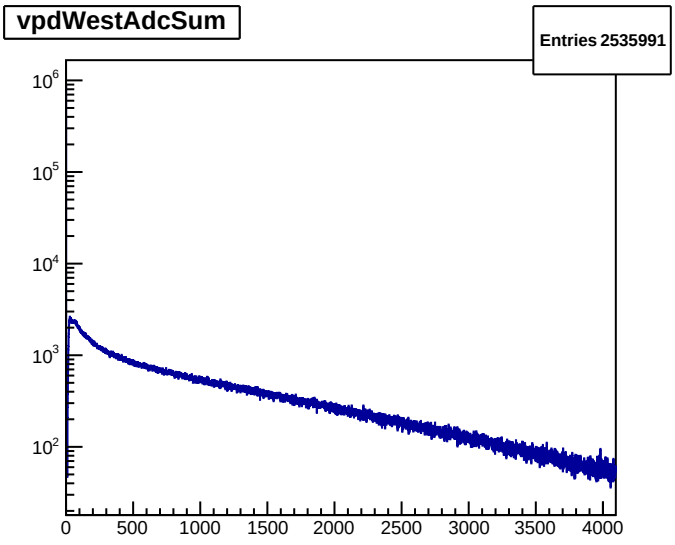

vpdEastAdcSumVsSimu
Entries 1703924
Data
Simu

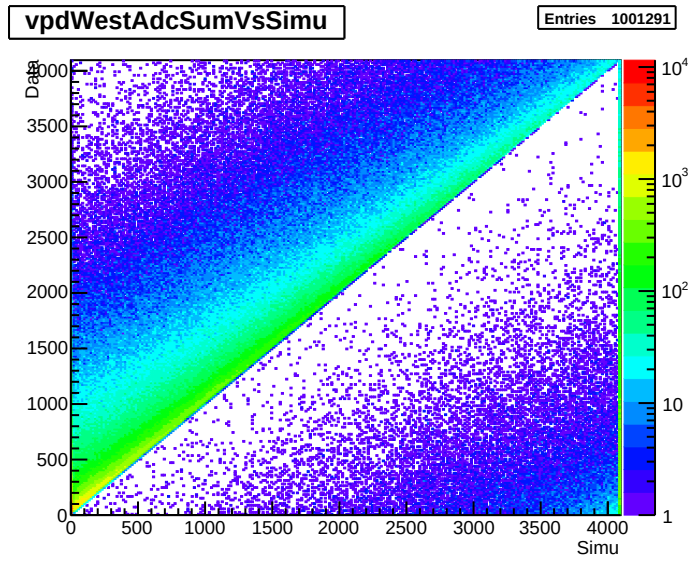

vpdEastNHits
Entries 2535991

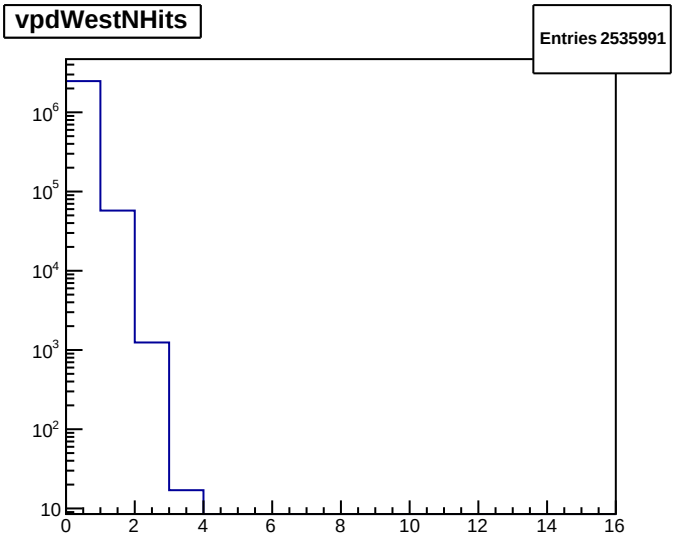

vpdEastNHitsVsSimu
Entries 128040

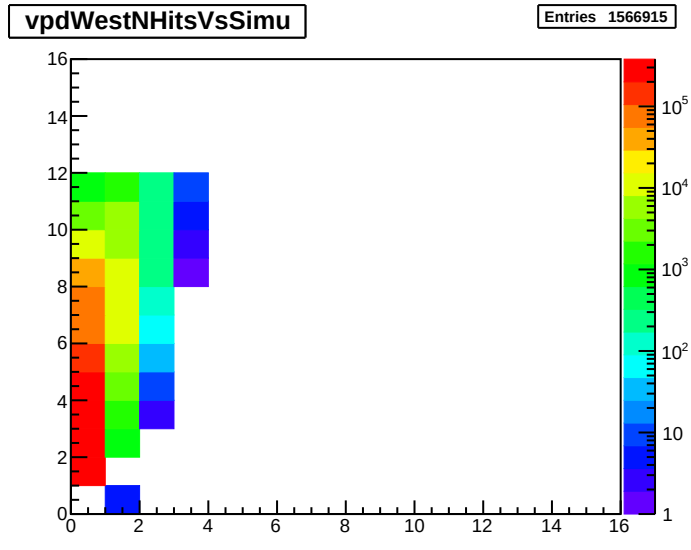

vpdEastTacSum
Entries 2535991

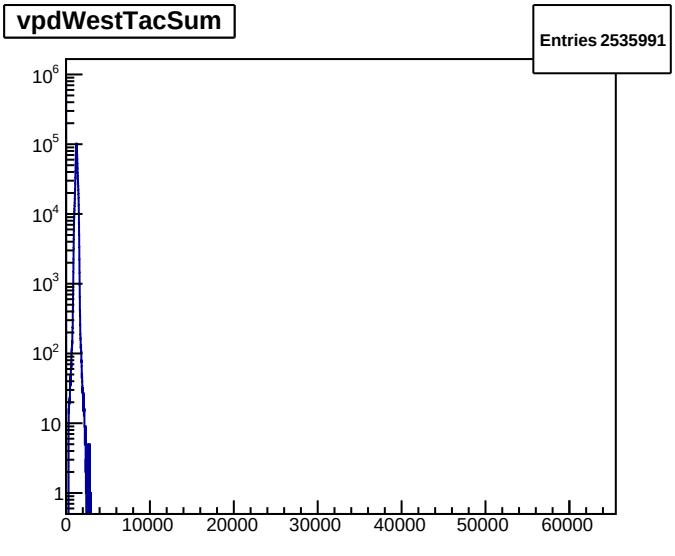

vpdEastTacSumVsSimu
Entries 1704023
Data
Simu

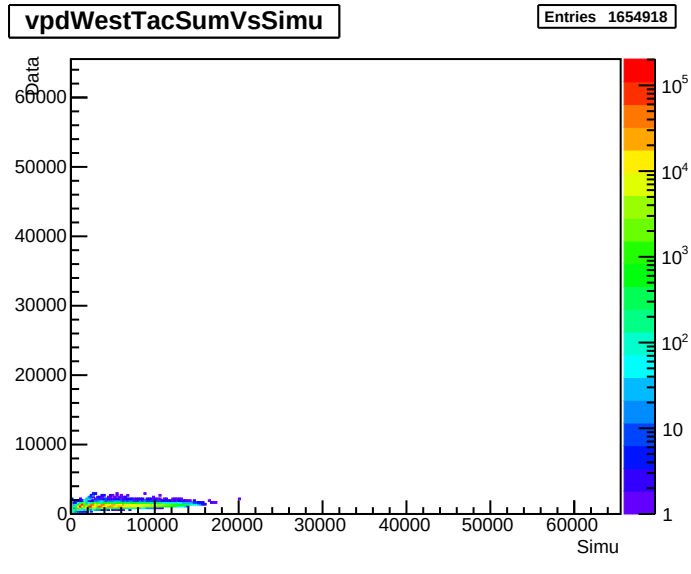

vpdWestAdcSum
Entries 2535991

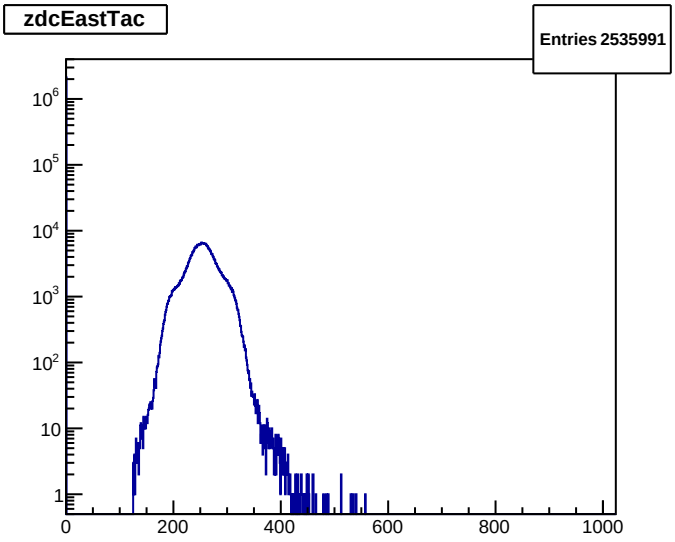

vpdWestAdcSumVsSimu
Entries 1001291
Data
Simu

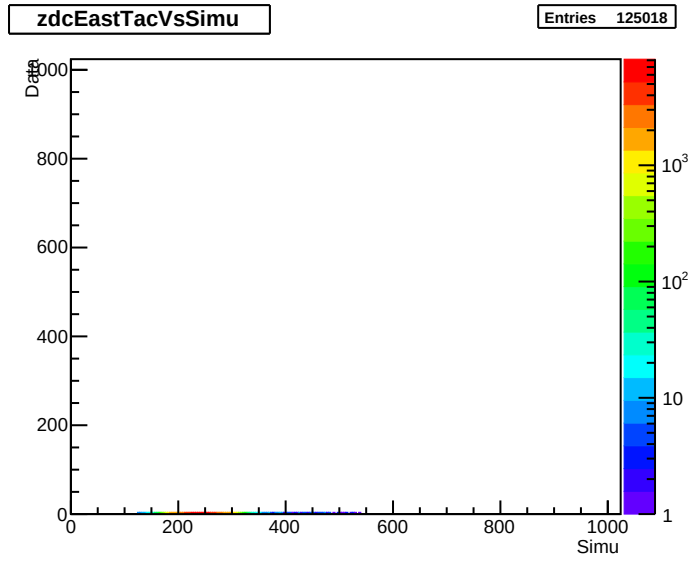

vpdWestNHits
Entries 2535991

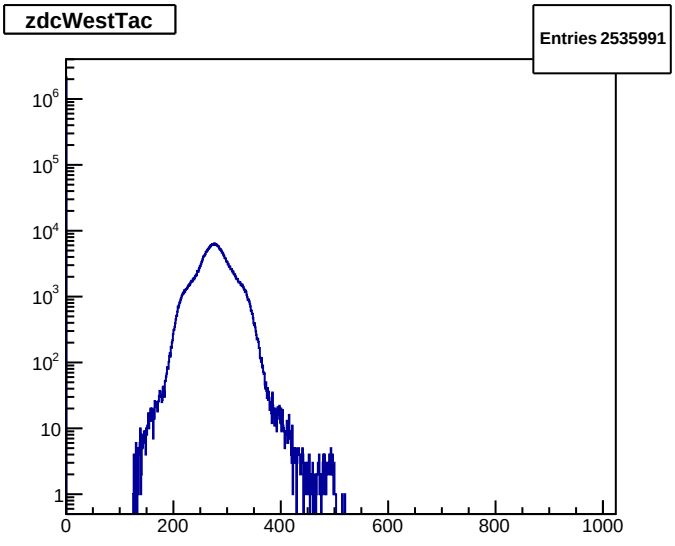

vpdWestNHitsVsSimu
Entries 1566915

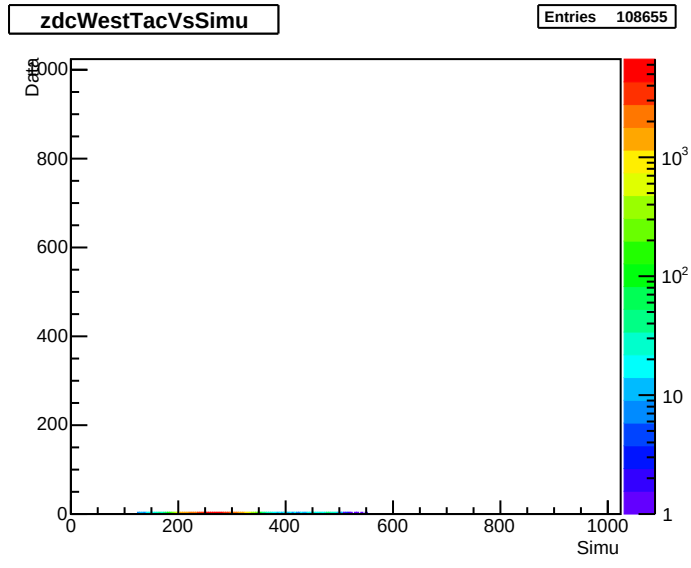

vpdWestTacSum
Entries 2535991

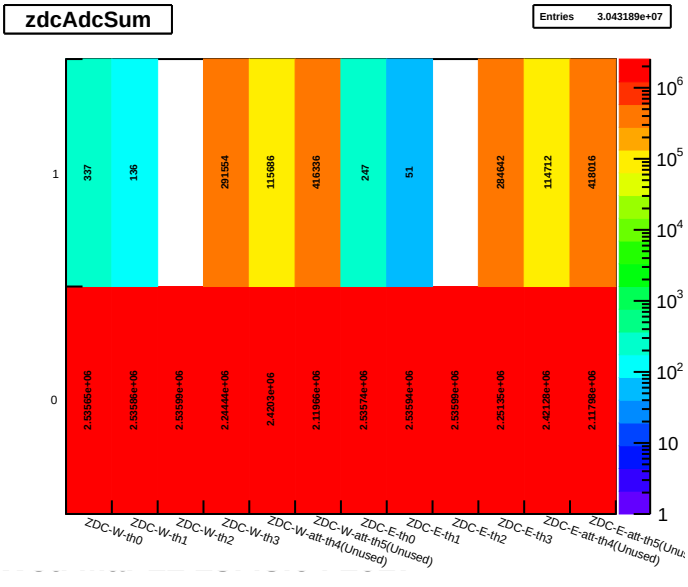

vpdWestTacSumVsSimu
Entries 1654918
Data
Simu

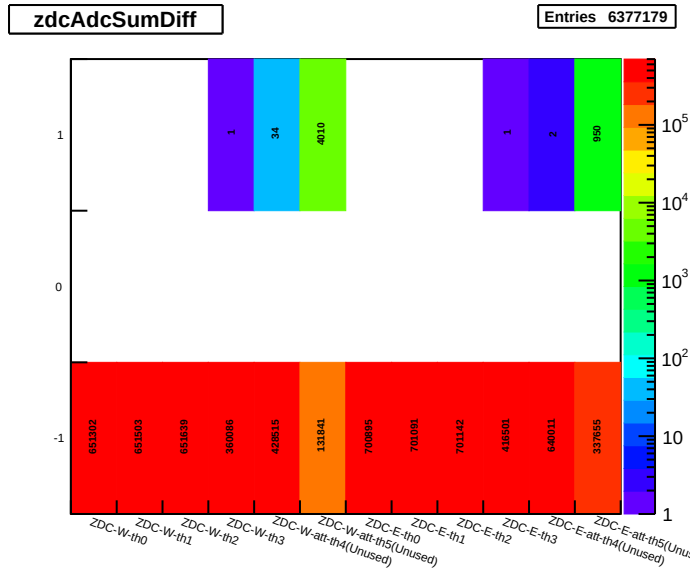

zdcEastTac
Entries 2535991

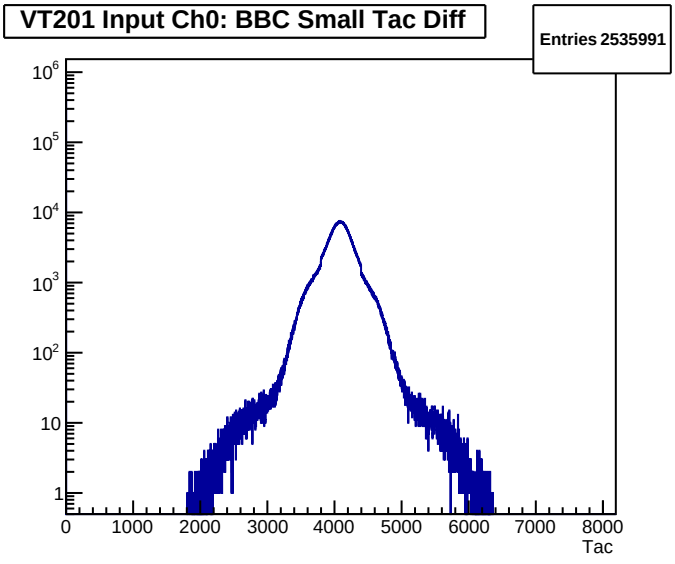

zdcEastTacVsSimu
Entries 125018
Data
Simu

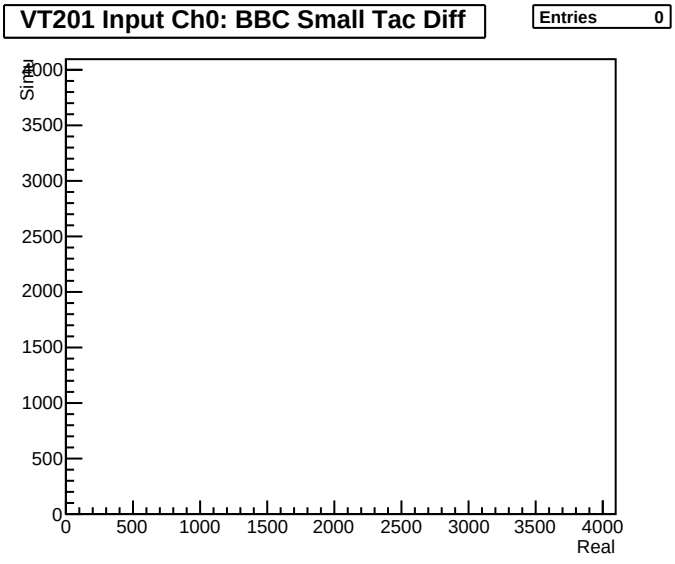

zdcWestTac
Entries 2535991

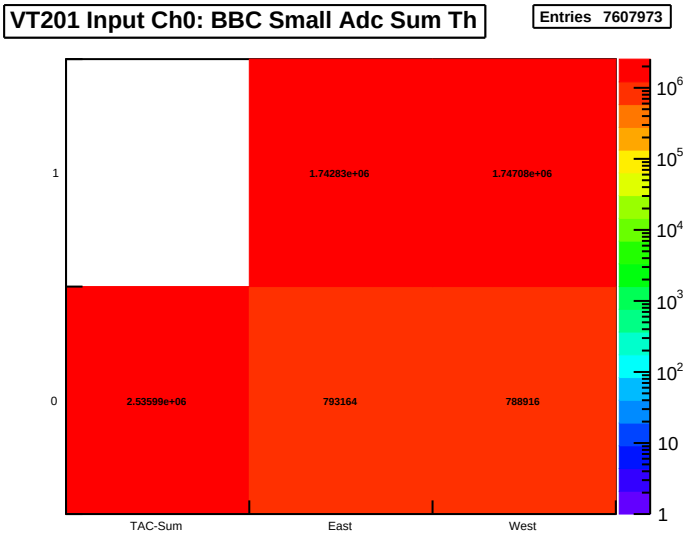

zdcWestTacVsSimu
Entries 108655
Data
Simu

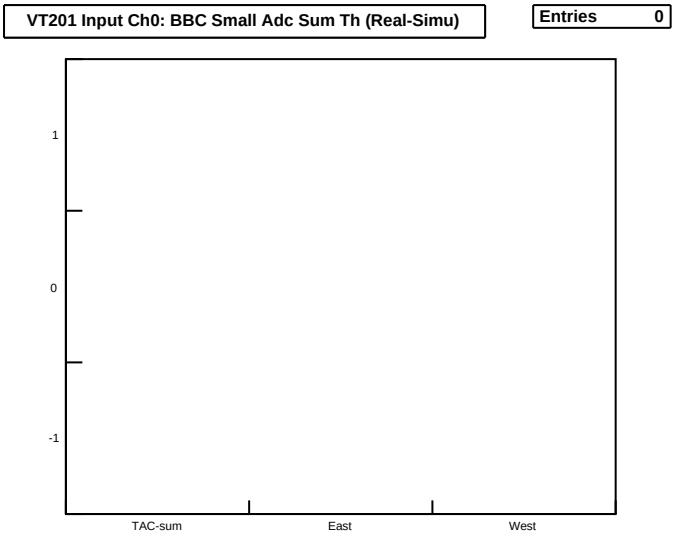

zdcAdcSum
Entries 3.043189e+07
337
136
291554
115686
416336
247
51
284642
114712
418016
2.53565e+06
2.53586e+06
2.53590e+06
2.24444e+06
2.42032e+06
2.11966e+06
2.53574e+06
2.53594e+06
2.53599e+06
2.28135e+06
2.42128e+06
2.11798e+06
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

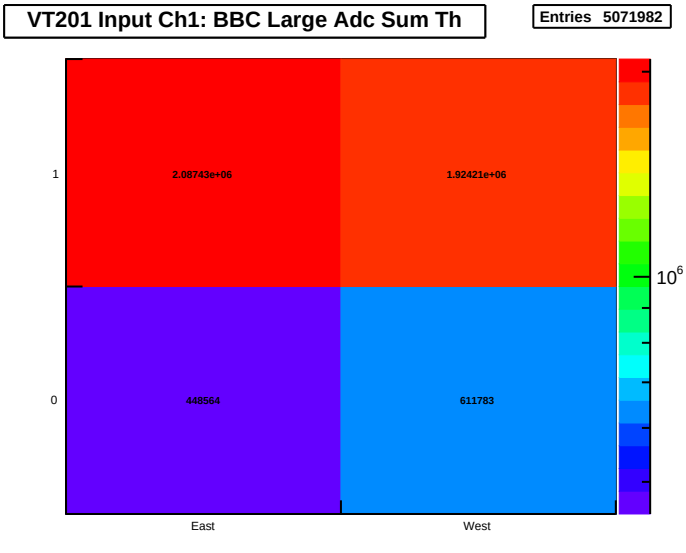

zdcAdcSumDiff
Entries 6377179
1
34
4010
1
2
950
651302
651503
651639
360086
428515
131841
700895
701091
701142
416501
640011
337655
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

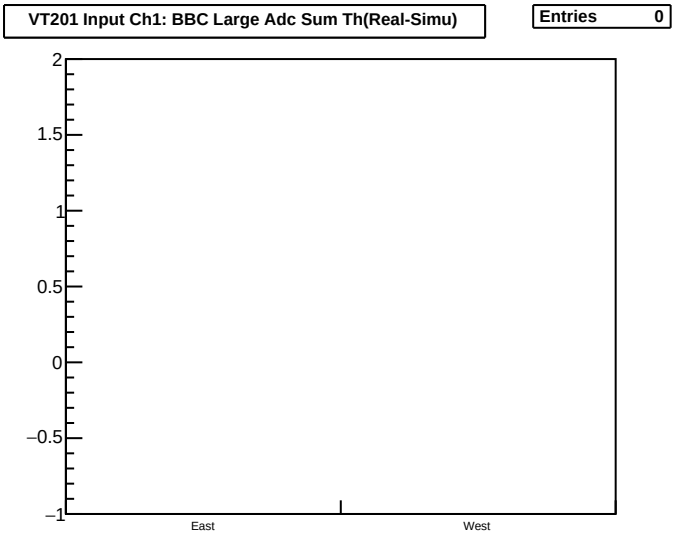

VT201 Input Ch0: BBC Small Tac Diff
Entries 2535991
Tac


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

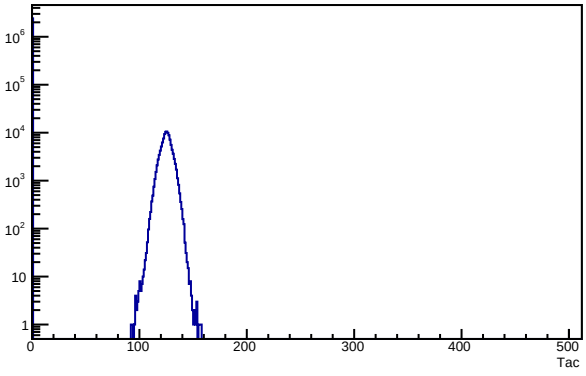

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 7607973
1.74283e+06
1.74708e+06
2.53599e+06
793164
788916
TAC-Sum
East
West


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

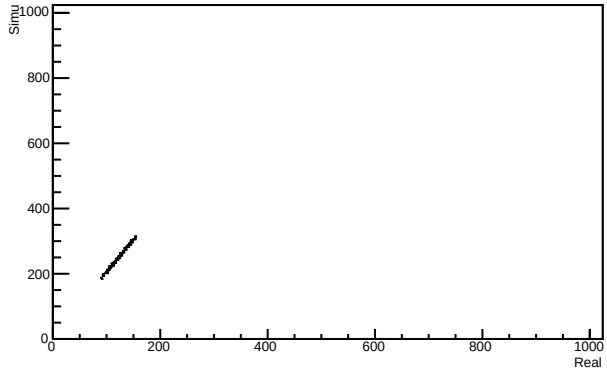

VT201 Input Ch1: BBC Large Adc Sum Th
Entries 5071982
2.08743e+06
1.92421e+06
448564
611783
East
West


VT201 Input Ch1: BBC Large Adc Sum Th(Real-Simu)
Entries 0
East
West

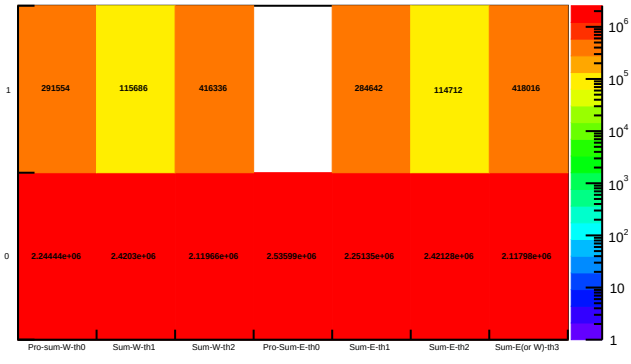
VT201 Input Ch2: ZDC Tac Diff



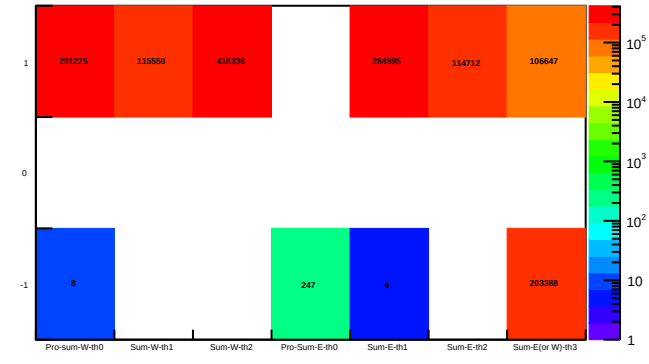
VT201 Input Ch2: ZDC Tac Diff



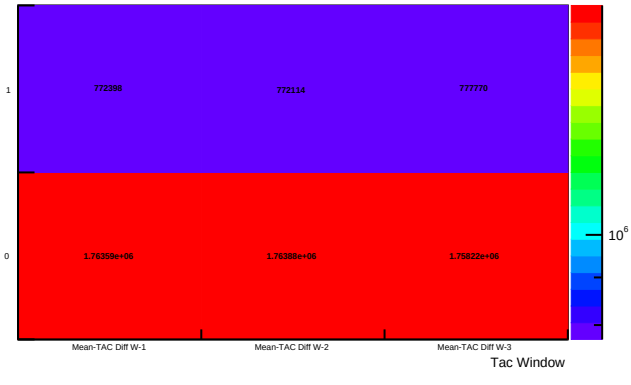
VT201 Input Ch2: ZDC Adc Sum Th



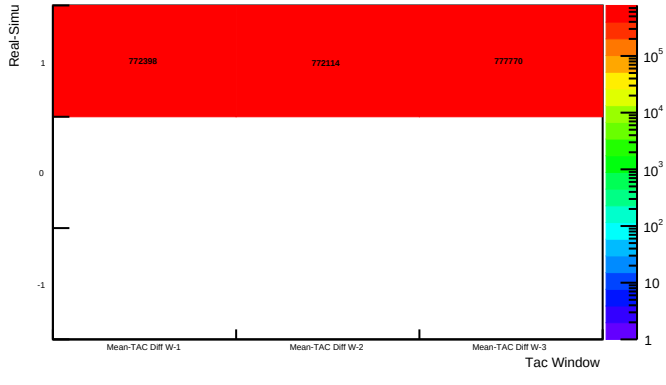
VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)



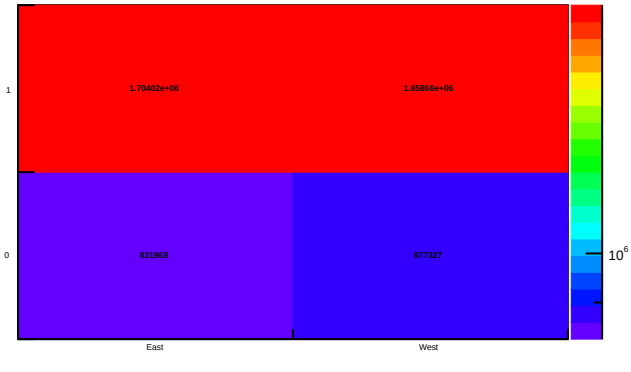
VT201 Input Ch4: VPD Tac Diff



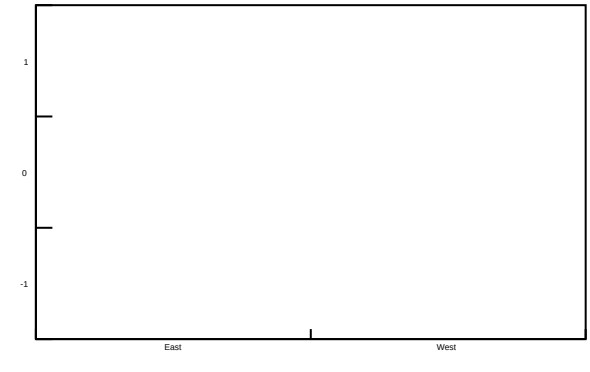
VT201 Input Ch4: VPD Tac Diff

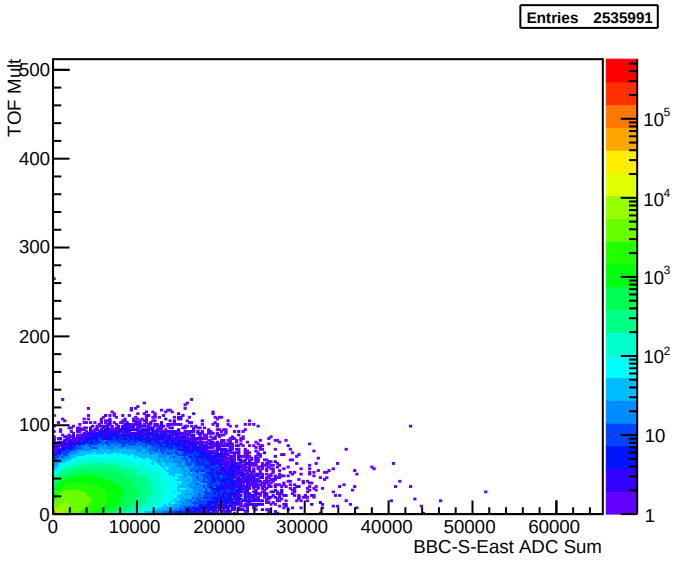


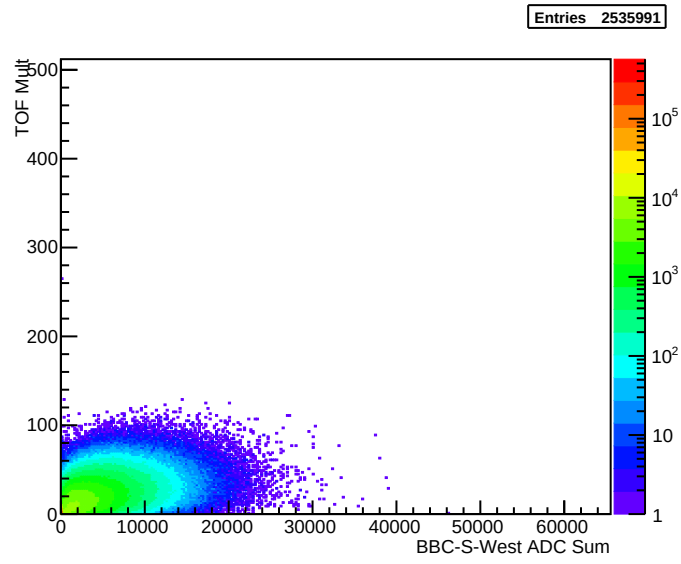
VT201 Input Ch4: VPD Adc Sum Th

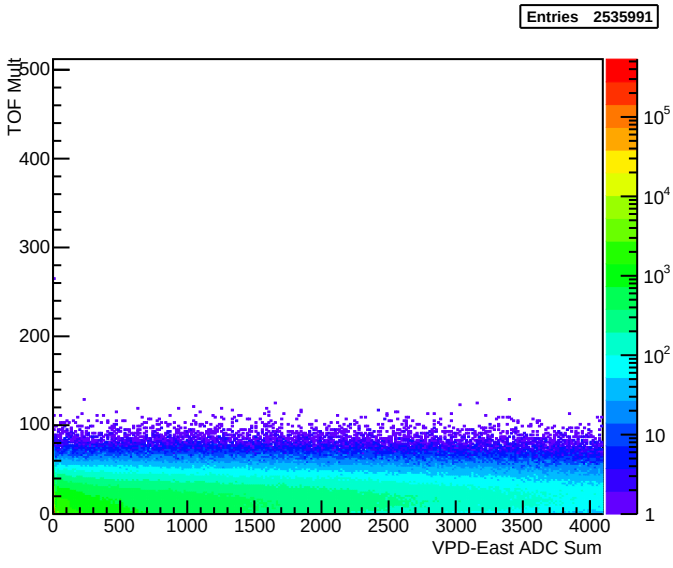


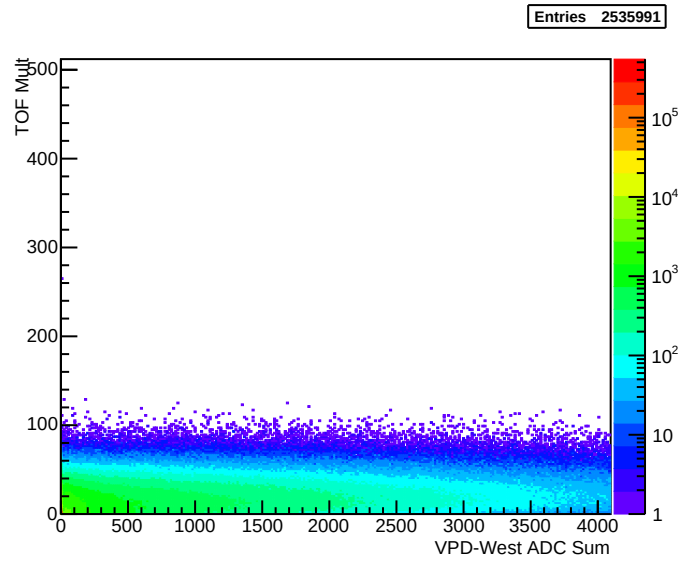
VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)

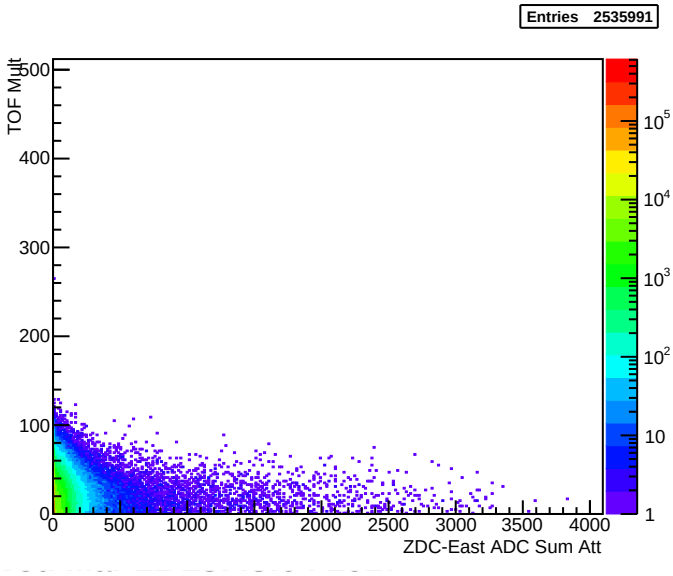


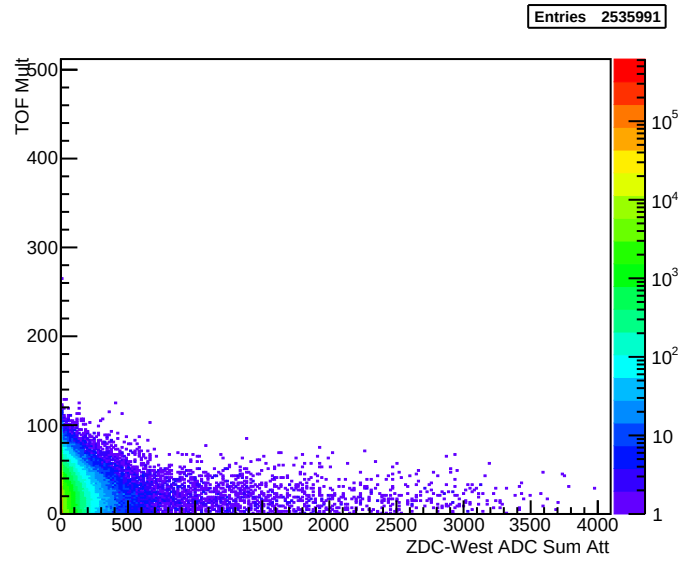

Entries 2535991
TOF Mult
BBC-S-East ADC Sum

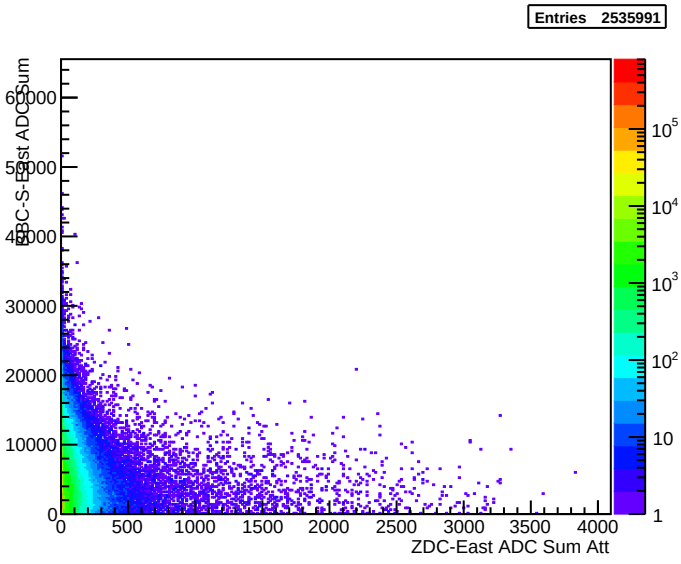

Entries 2535991
TOF Mult
BBC-S-West ADC Sum

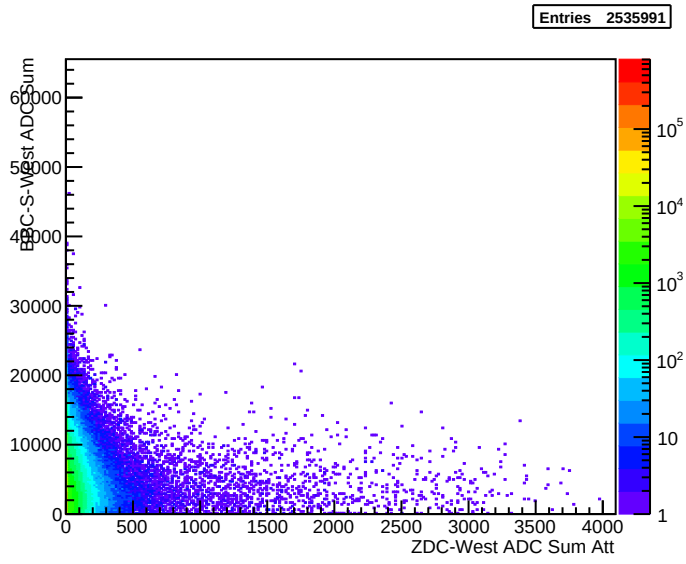

Entries 2535991
TOF Mult
VPD-East ADC Sum

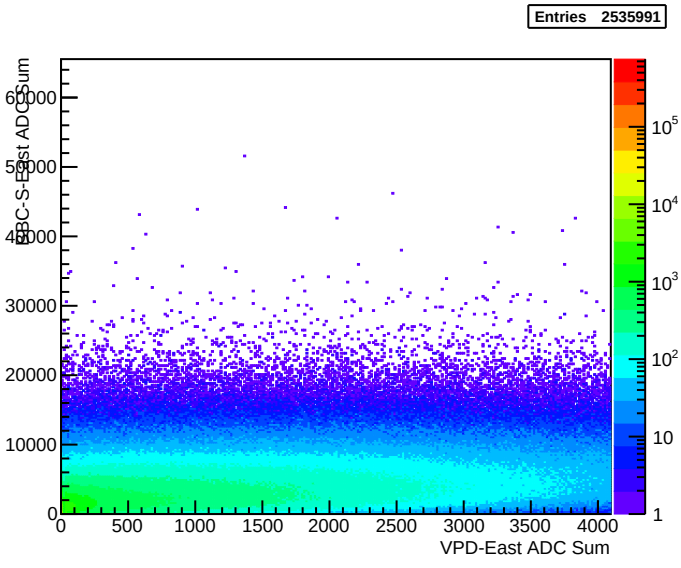

Entries 2535991
TOF Mult
VPD-West ADC Sum

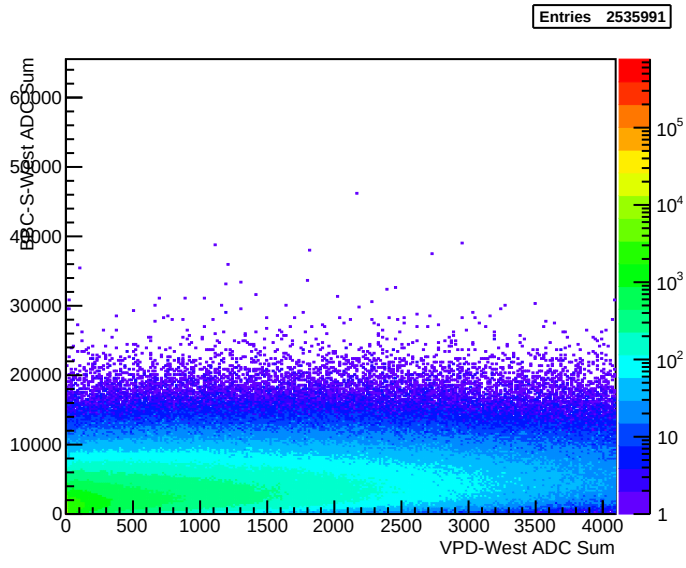

Entries 2535991
TOF Mult
ZDC-East ADC Sum Att

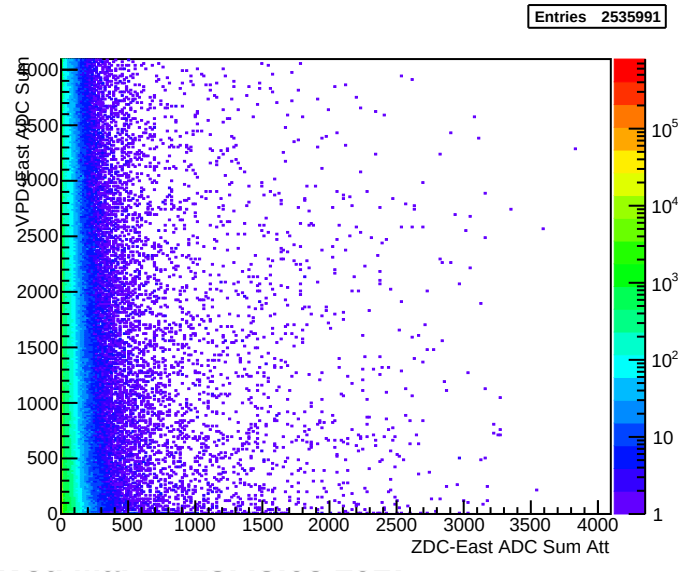

Entries 2535991
TOF Mult
ZDC-West ADC Sum Att

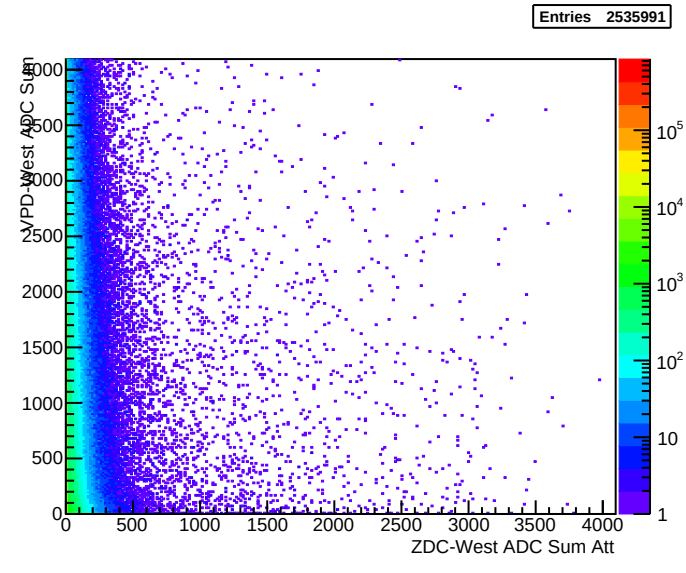

Entries 2535991
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

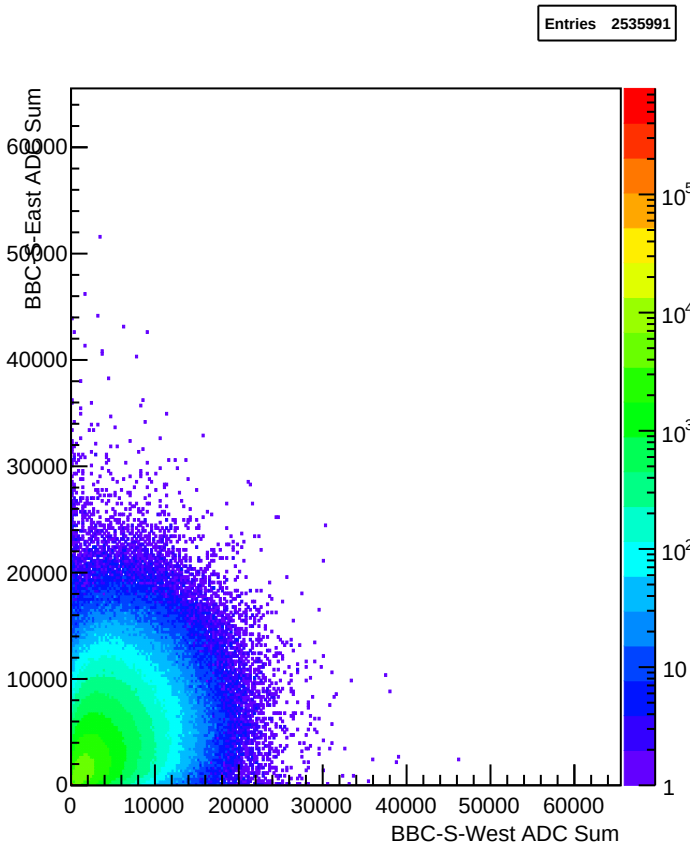

Entries 2535991
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

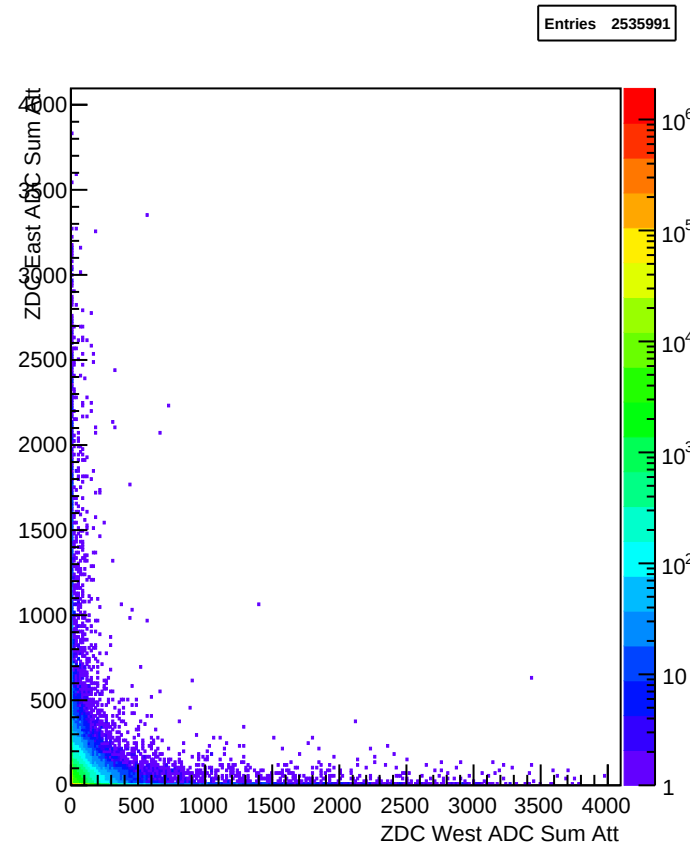

Entries 2535991
BBC-S-East ADC Sum
VPD-East ADC Sum

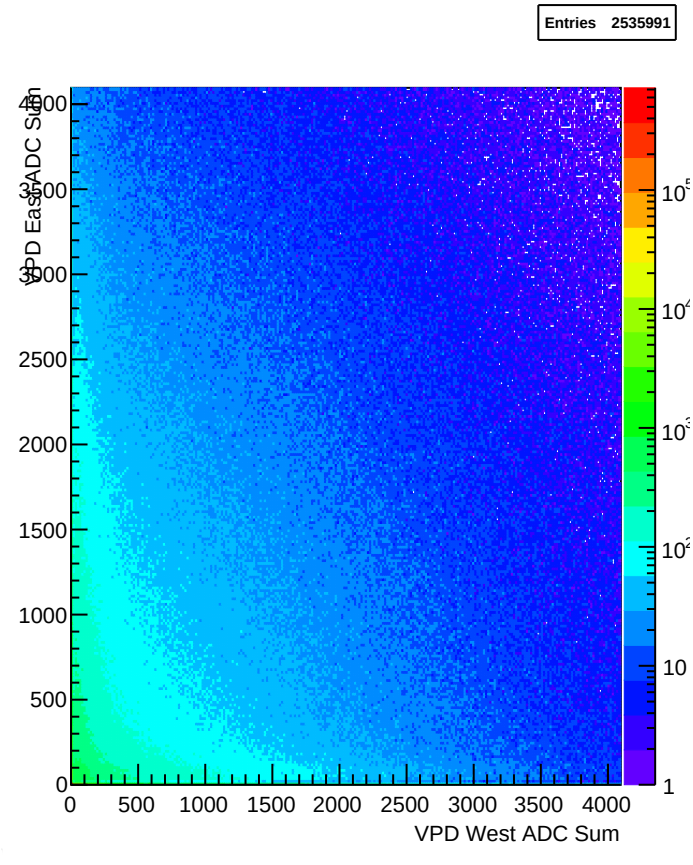

Entries 2535991
BBC-S-West ADC Sum
VPD-West ADC Sum

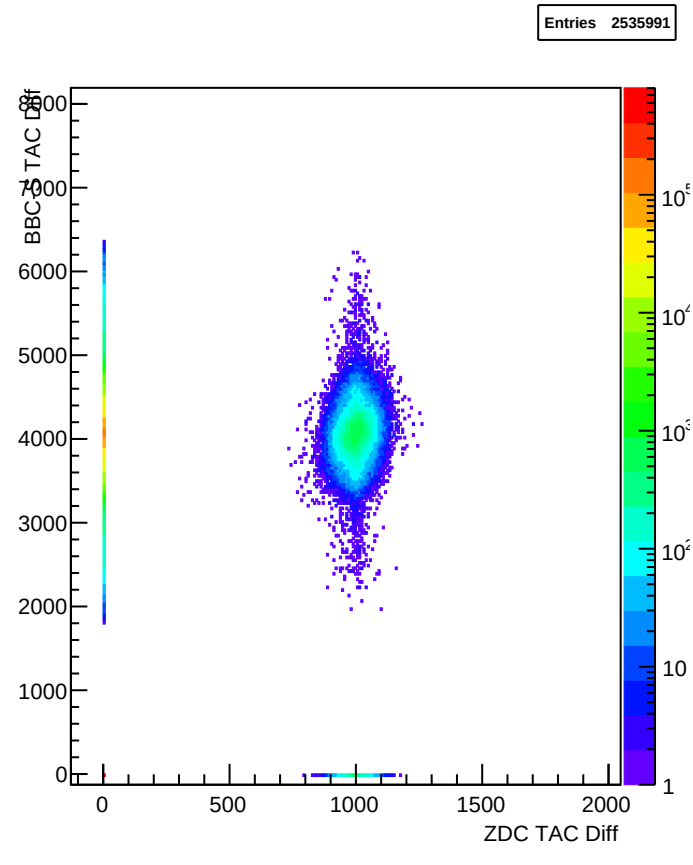

Entries 2535991
VPD-East ADC Sum
ZDC-East ADC Sum Att

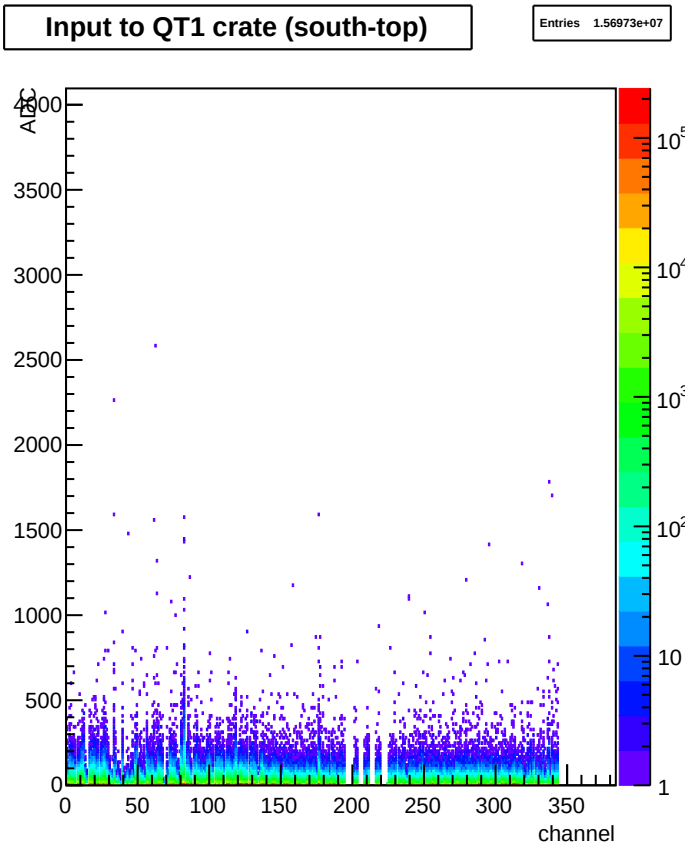

Entries 2535991
VPD-West ADC Sum
ZDC-West ADC Sum Att

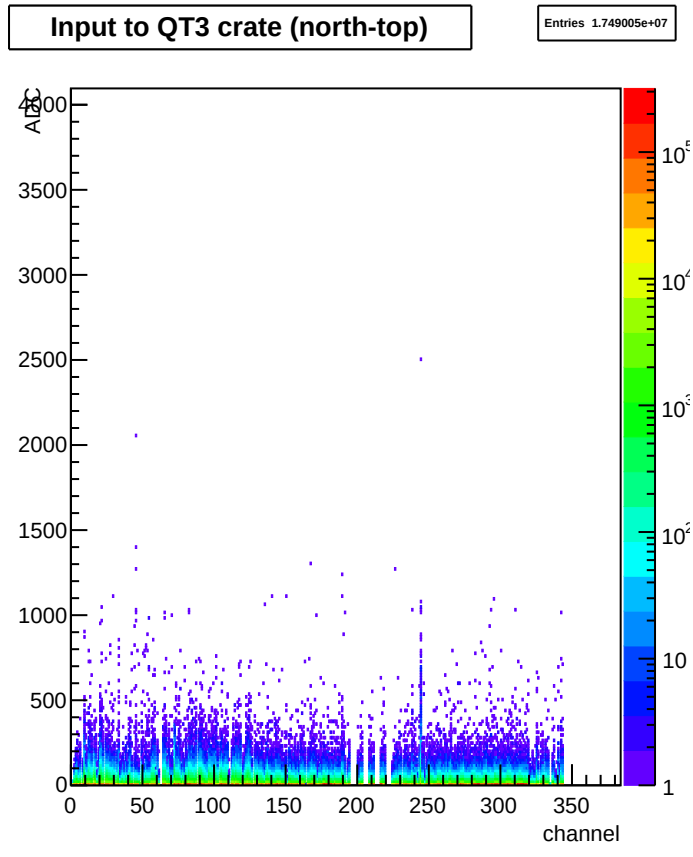

Entries 2535991
BBC-S-East ADC Sum
BBC-S-West ADC Sum

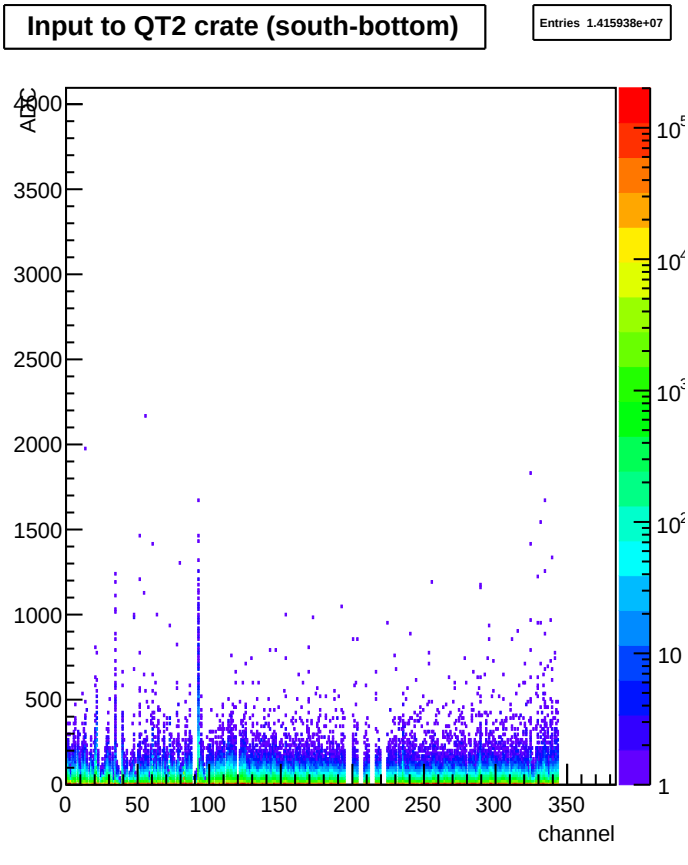

Entries 2535991
ZDC East ADC Sum Att
ZDC West ADC Sum Att

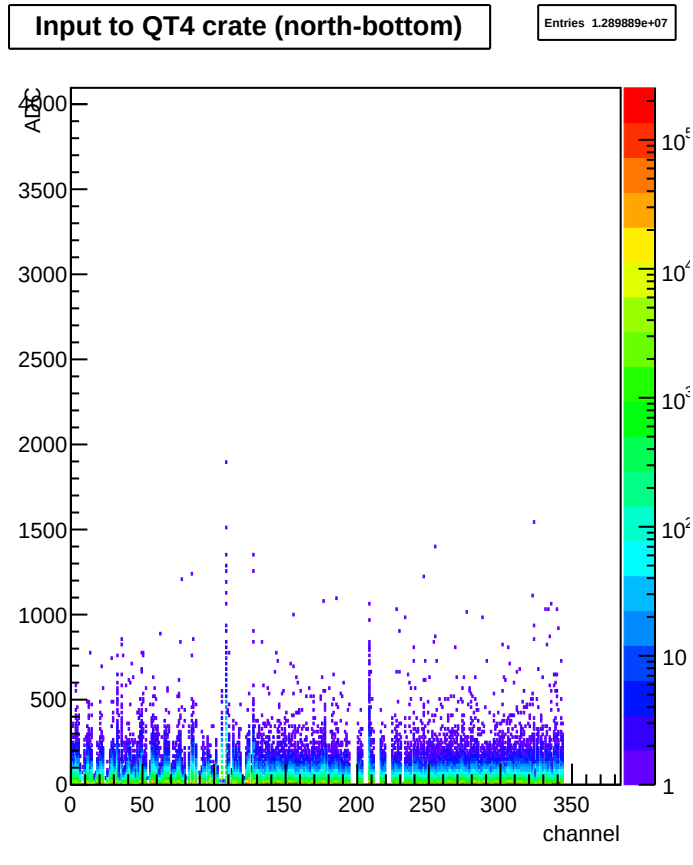

Entries 2535991
VPD East ADC Sum
VPD West ADC Sum

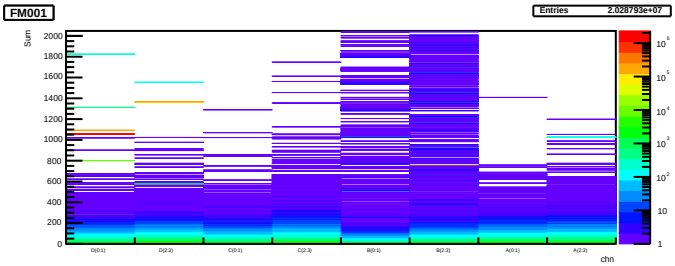

Entries 2535991
BBC-S TAC Diff
ZDC TAC Diff

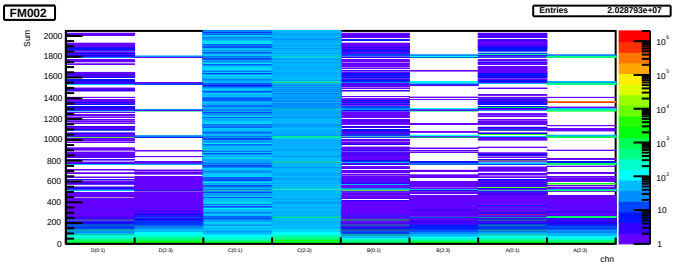

Input to QT1 crate (south-top)
Entries 1.56973e+07
ADC
channel

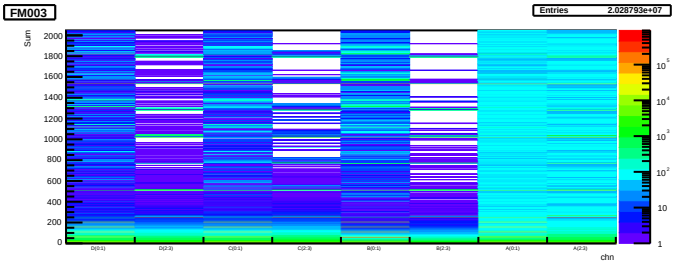

Input to QT3 crate (north-top)
Entries 1.749005e+07
ADC
channel

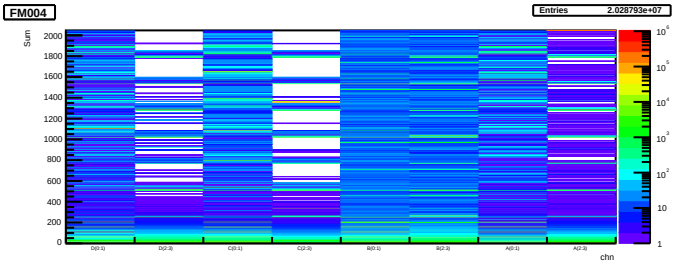

Input to QT2 crate (south-bottom)
Entries 1.415938e+07
ADC
channel

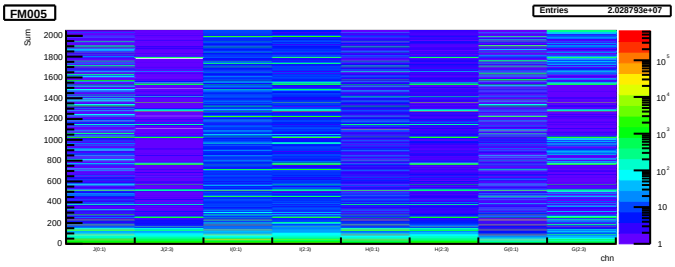

Input to QT4 crate (north-bottom)
Entries 1.289889e+07
ADC
channel

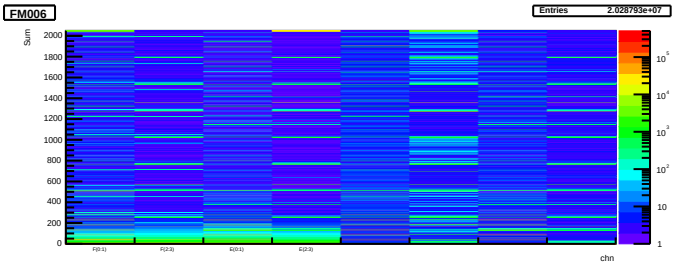

FM001
Entries 2.028793e+07
Sum
chn

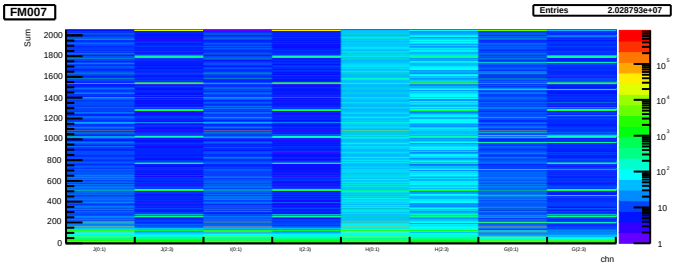

FM002
Entries 2.028793e+07
Sum
chn

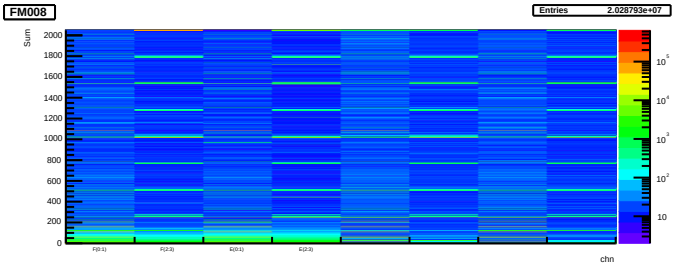

FM003
Entries 2.028793e+07
Sum
chn


FM004
Entries 2.028793e+07
Sum
chn


FM005
Entries 2.028793e+07
Sum
chn


FM006
Entries 2.028793e+07
Sum
chn


FM007
Entries 2.028793e+07
Sum
chn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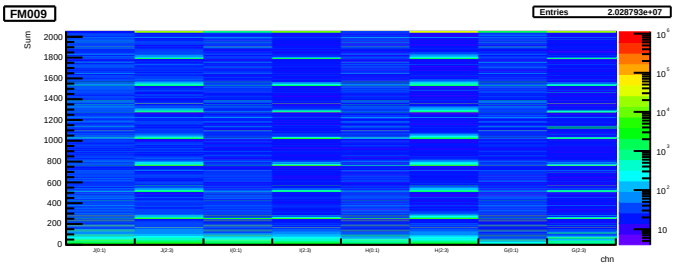
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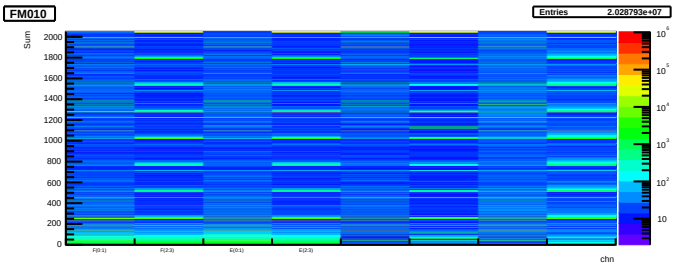
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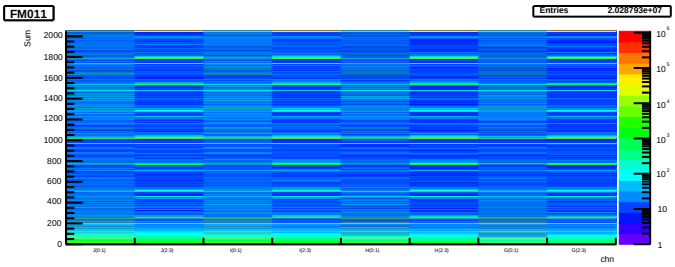
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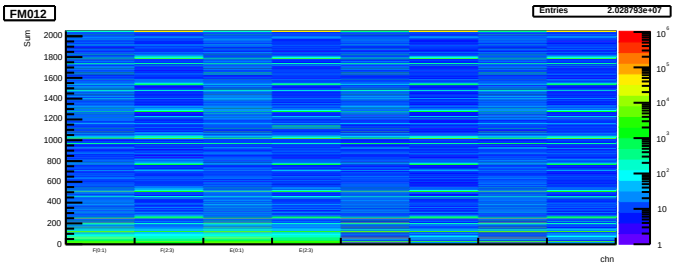
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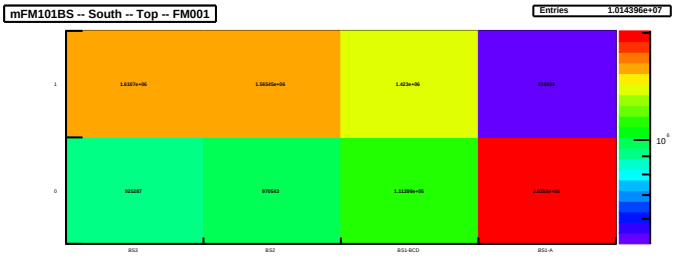
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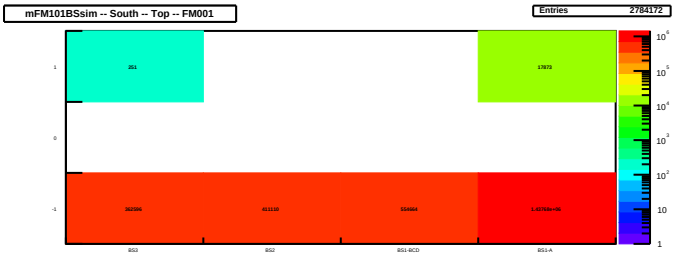
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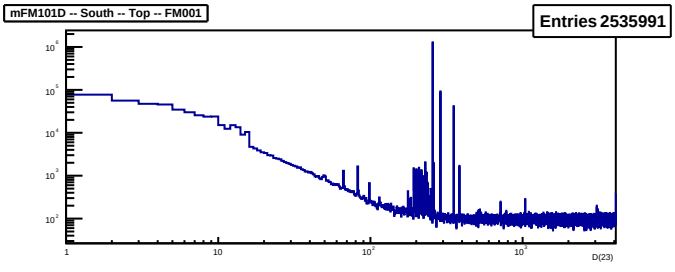
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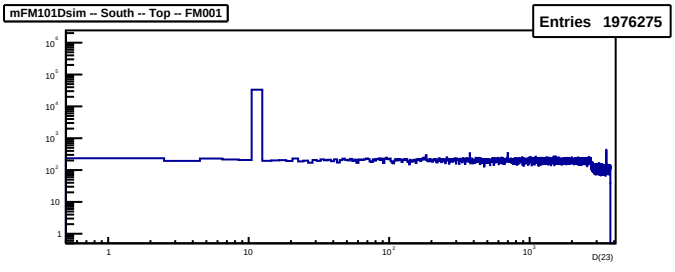
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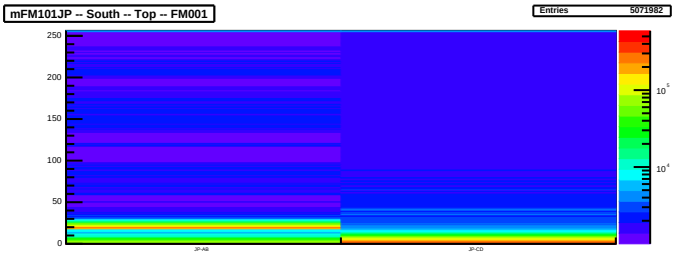
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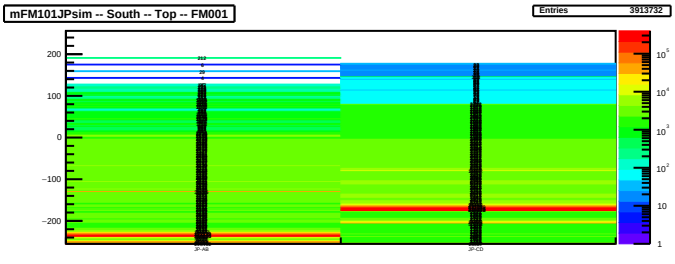
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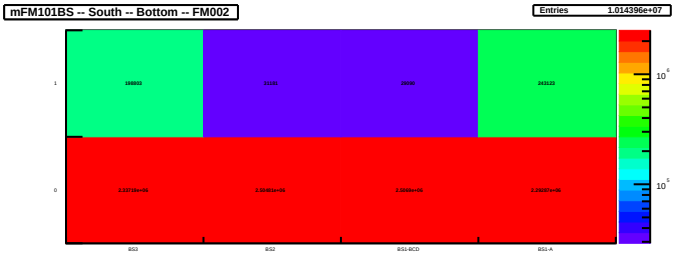
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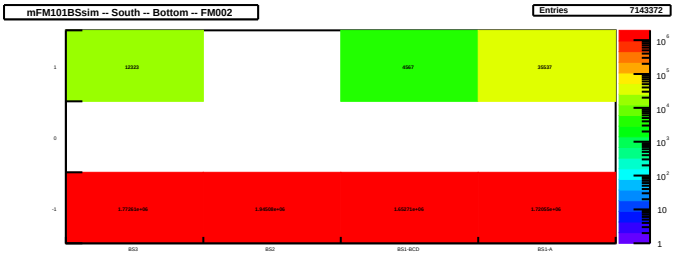
Entries 1.014396e+07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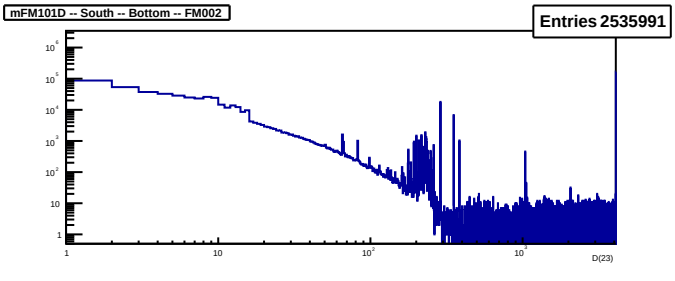
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Entries 2535991
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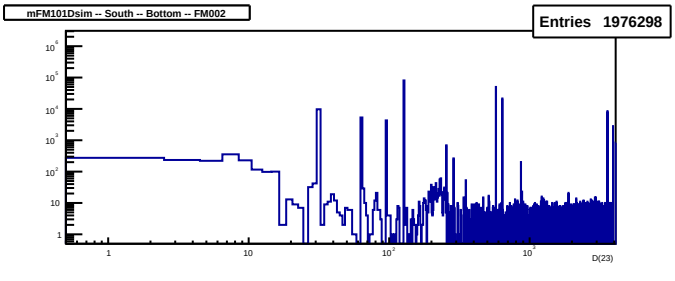
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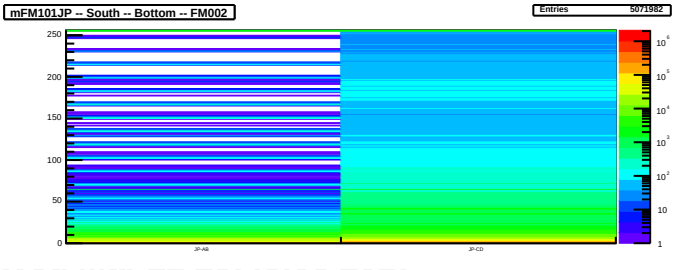
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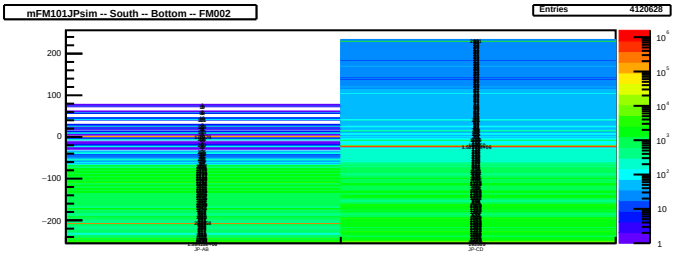
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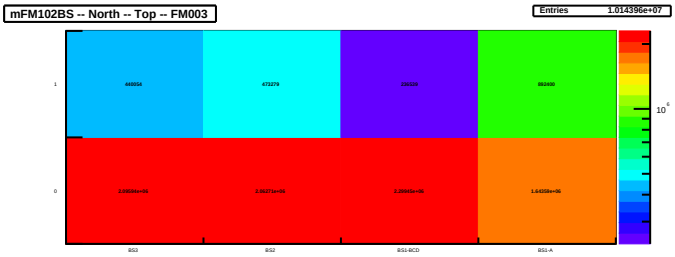
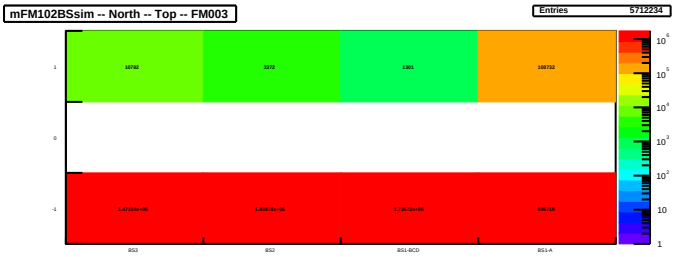

mFM102BS -- North -- Top -- FM003
Entries 1.014396e+07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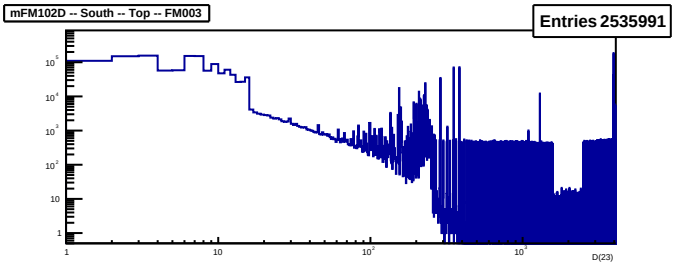
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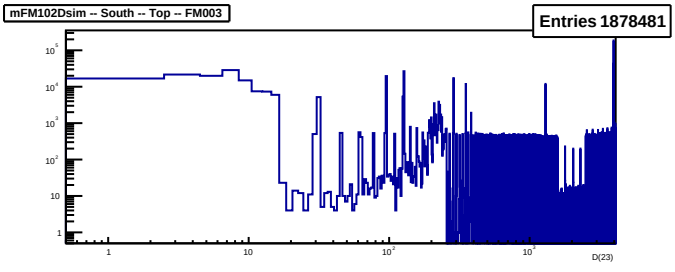
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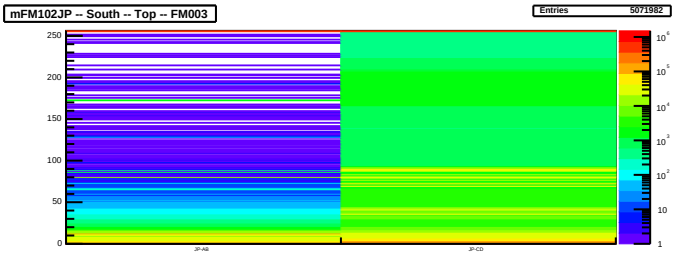
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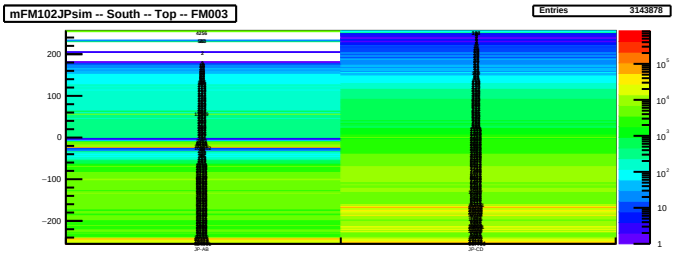
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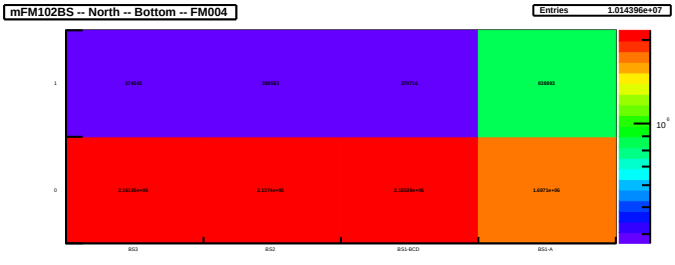
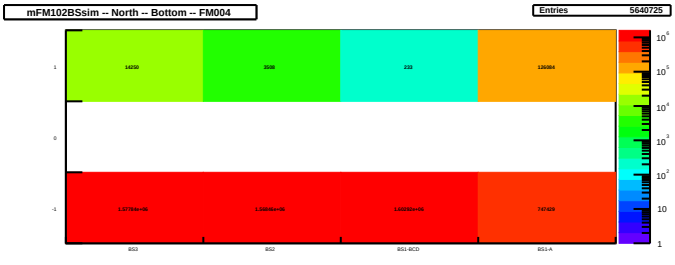

mFM102BS -- North -- Bottom -- FM004
Entries 1.014396e+07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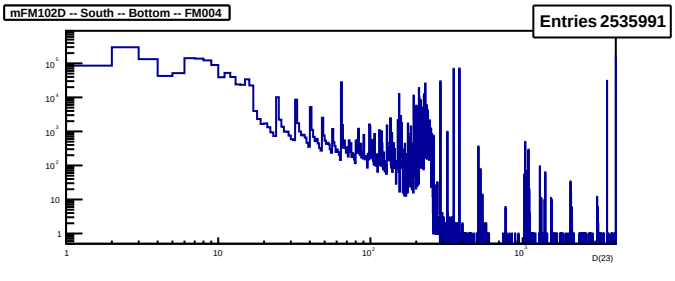
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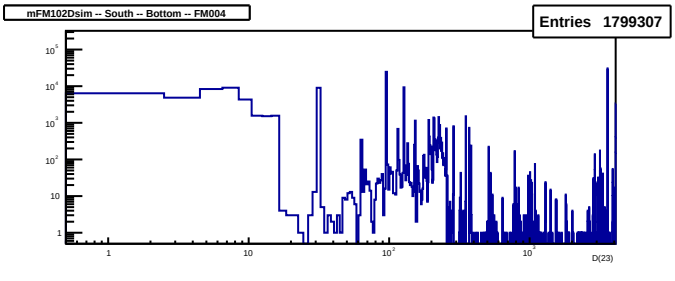
Entries 2535991
D(23)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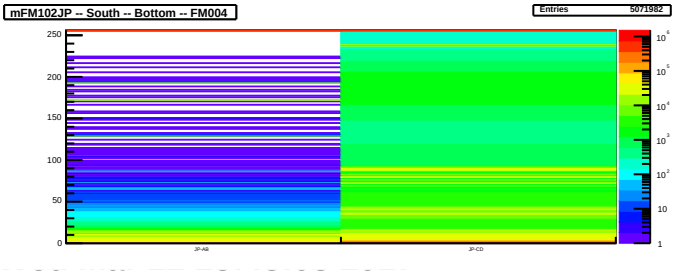
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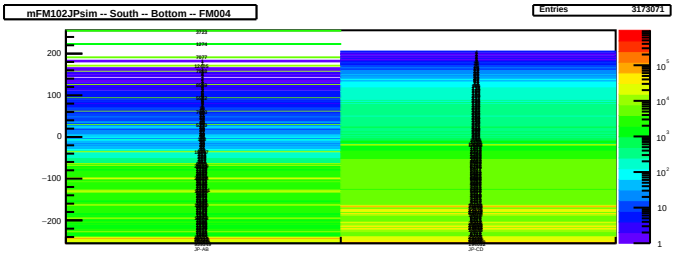
Entries 5071982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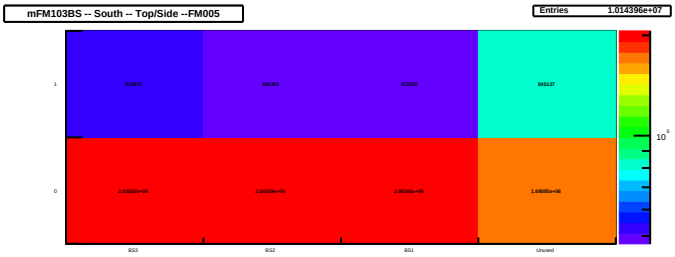
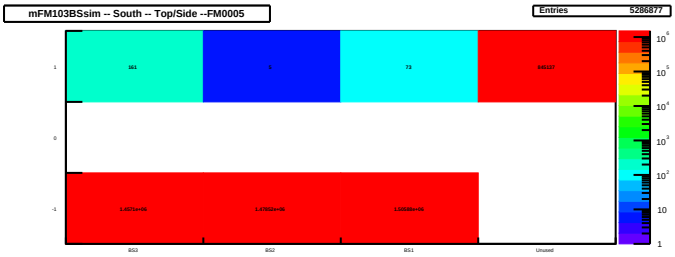

mFM103BS -- South -- Top/Side --FM005
Entries 1.014396e+07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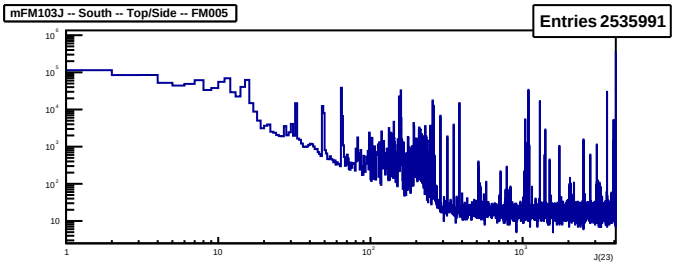
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Entries 2535991
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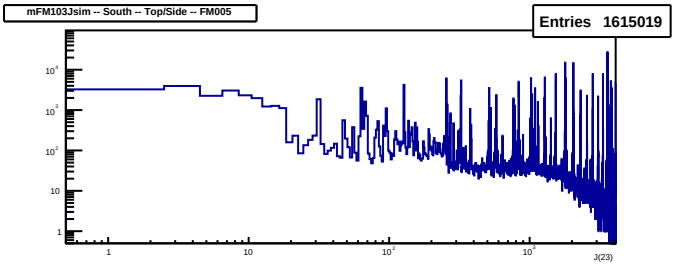
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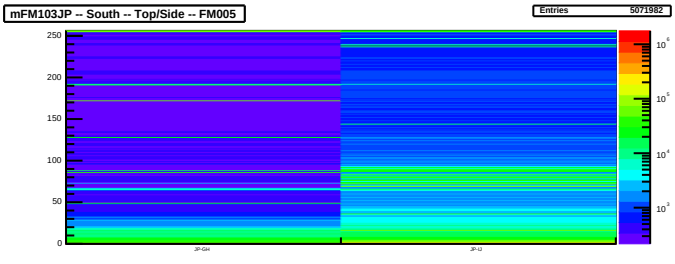
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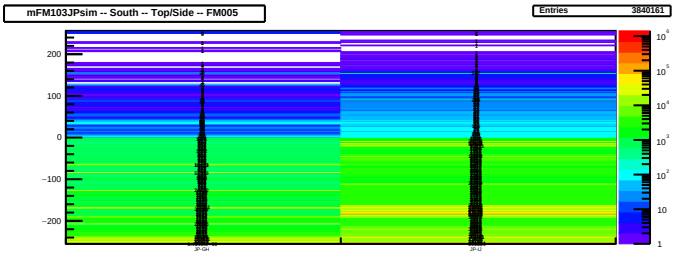
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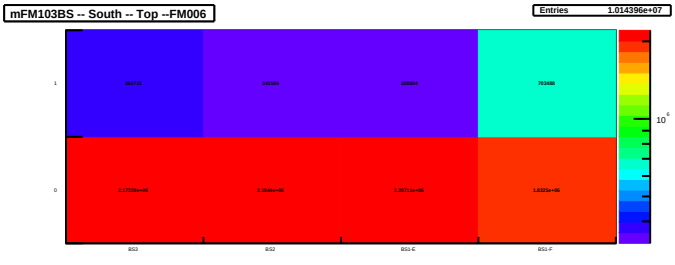
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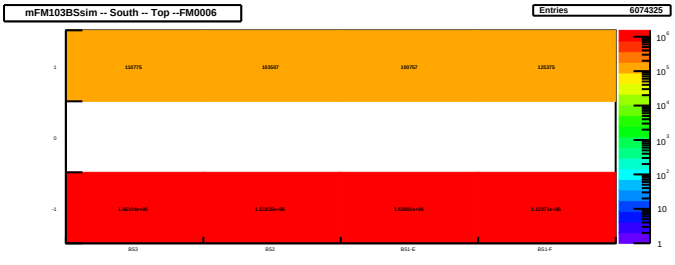
Entries 1.014396e+07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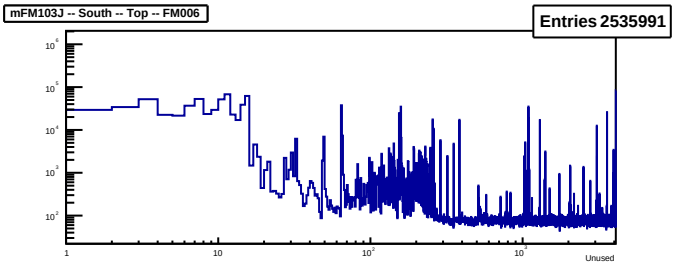
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Entries 2535991
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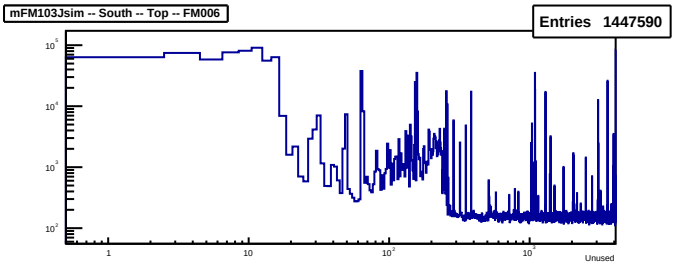
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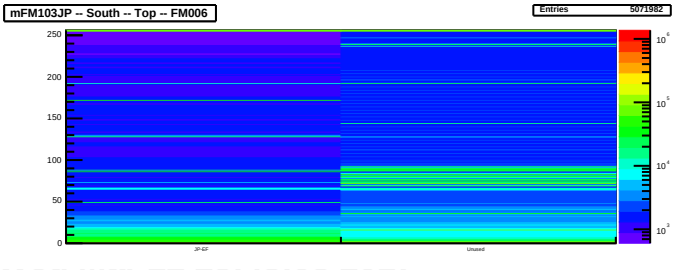
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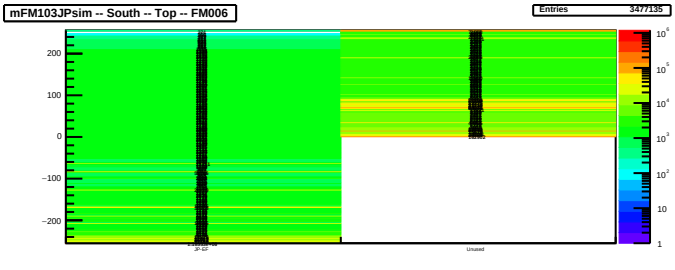
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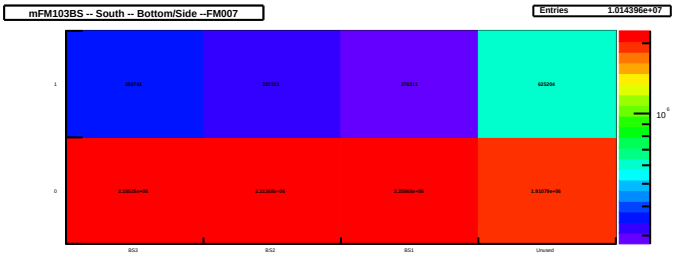
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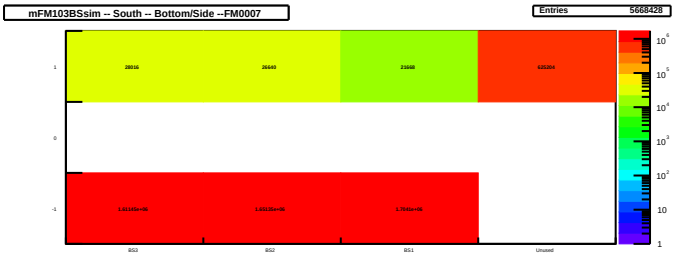
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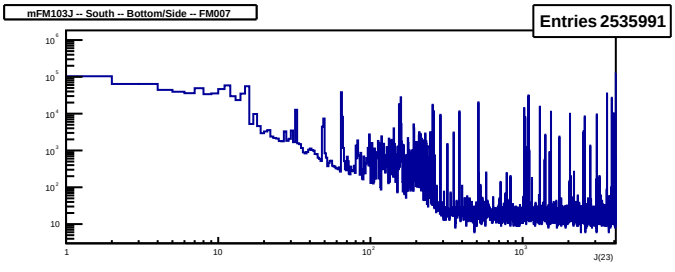
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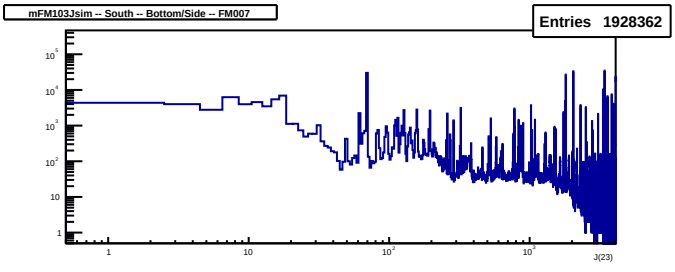
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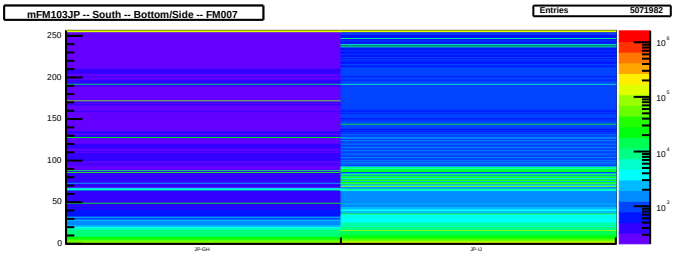
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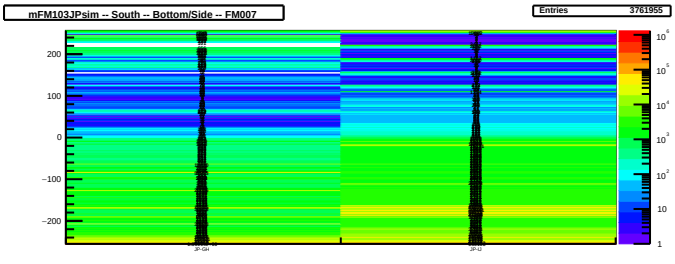
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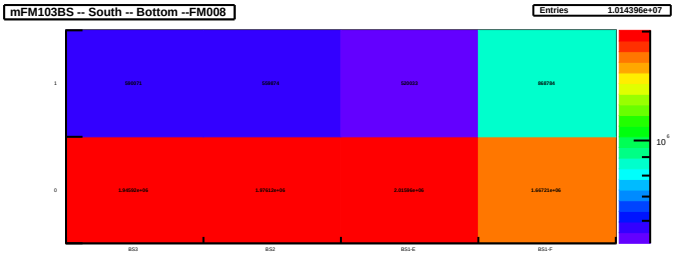
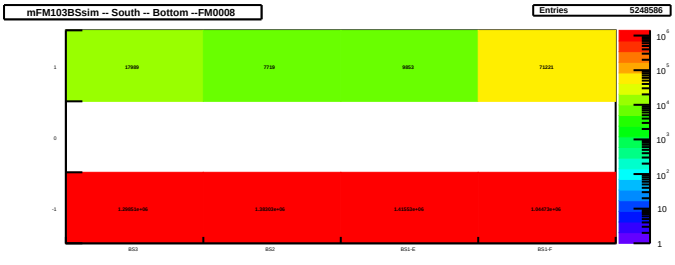

mFM103BS -- South -- Bottom --FM008
Entries 1.014396e+07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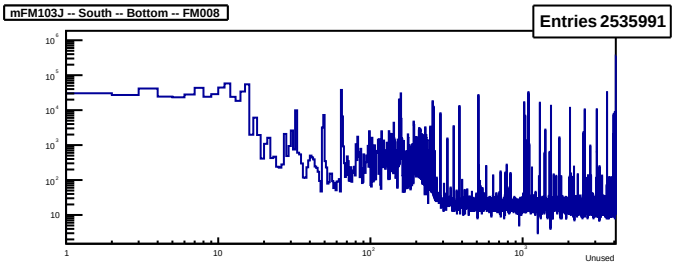
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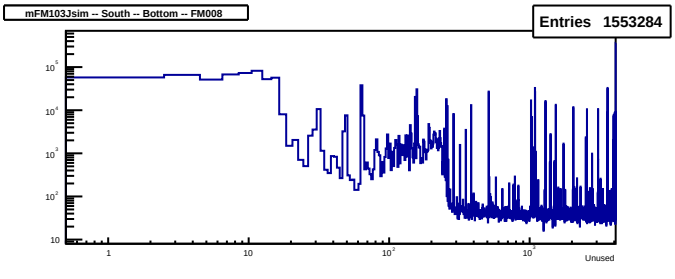
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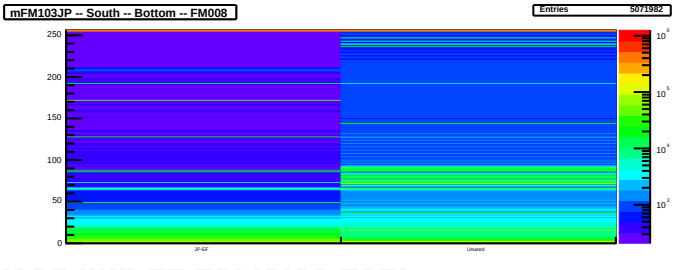
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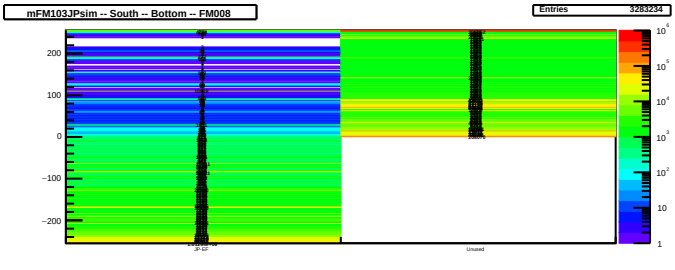
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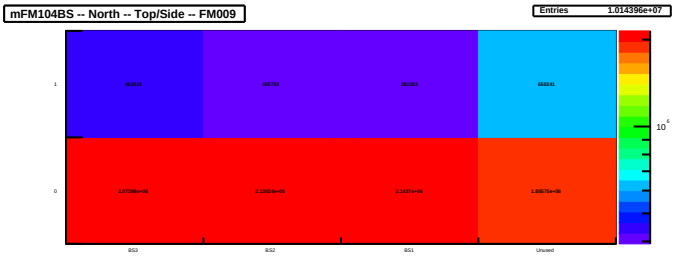
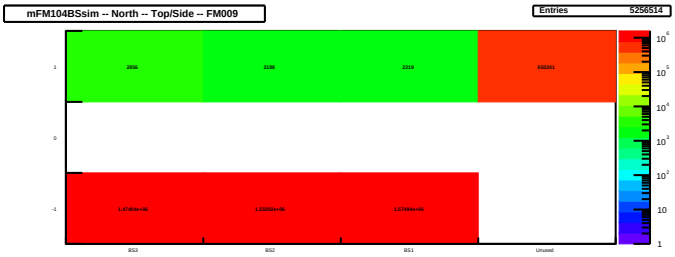
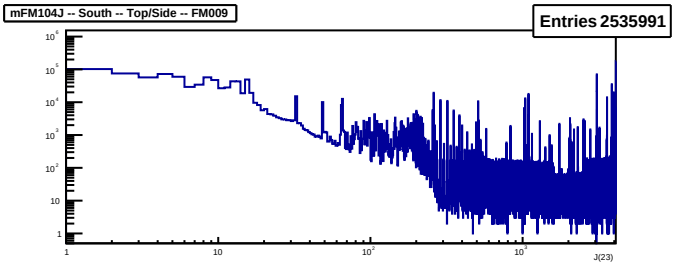
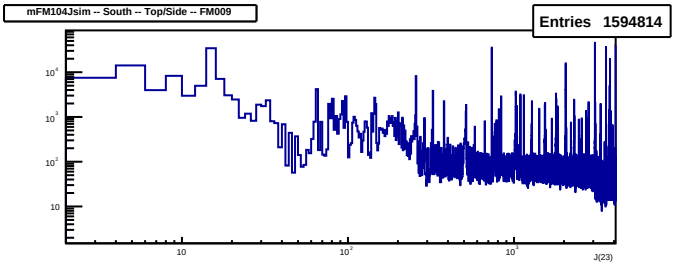

mFM104BS -- North -- Top/Side -- FM009
Entries 1.014396e+07


mFM104BSsim -- North -- Top/Side -- FM009
Entries 5256514


mFM104J -- South -- Top/Side -- FM009
Entries 2535991
J(23)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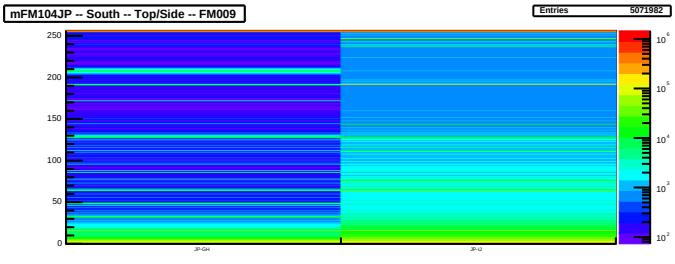
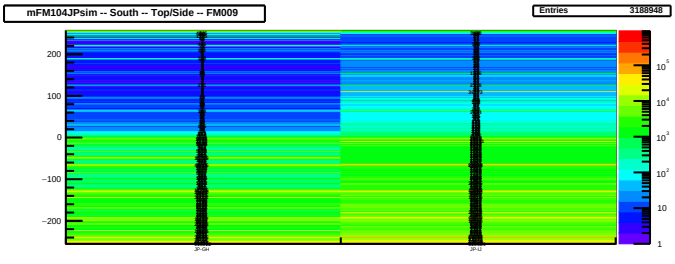
Entries 1594814
J(23)


mFM104JP -- South -- Top/Side -- FM009
Entries 5071982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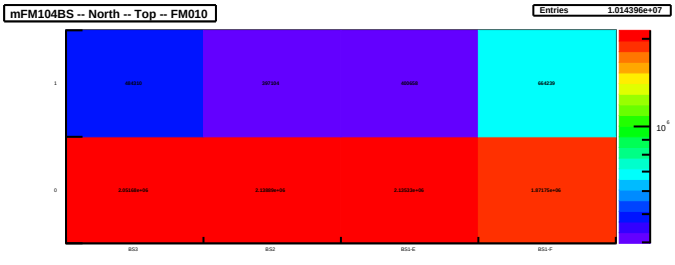
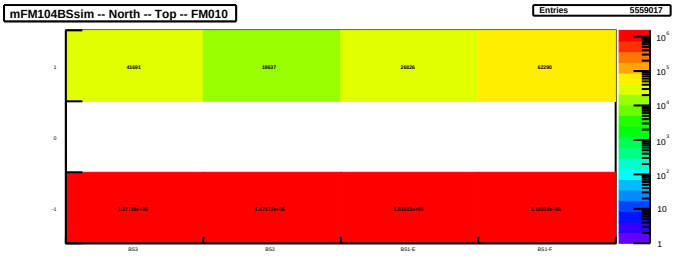
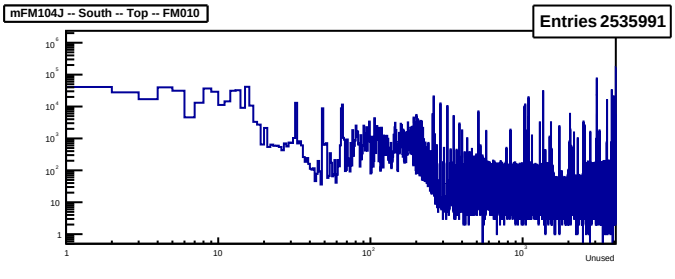
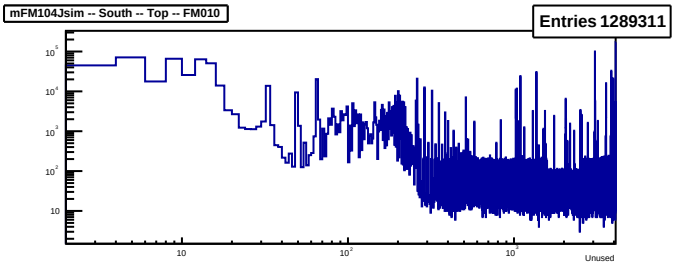
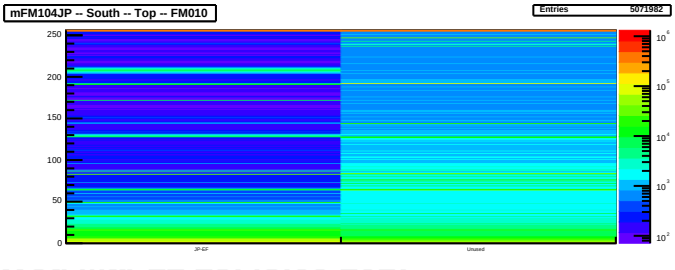
Entries 3188948

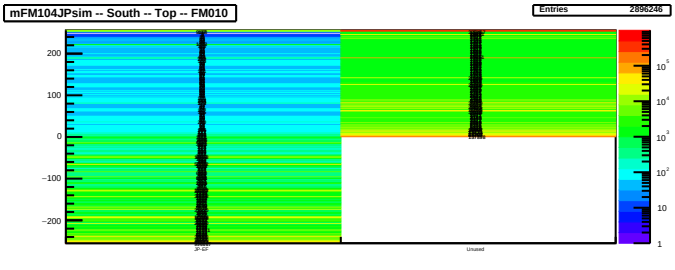

mFM104BS -- North -- Top -- FM010
Entries 1.014396e+07

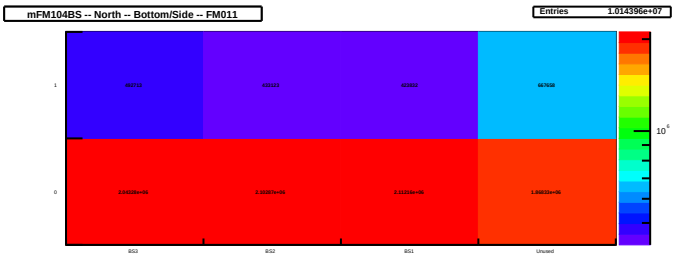

mFM104BSsim -- North -- Top -- FM010
Entries 5559017

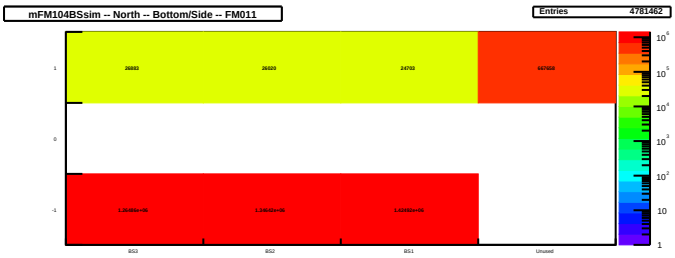

mFM104J -- South -- Top -- FM010
Entries 2535991
Unused

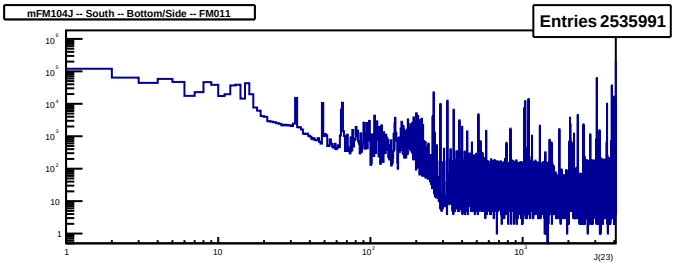

mFM104Jsim -- South -- Top -- FM010
Entries 1289311
Unused

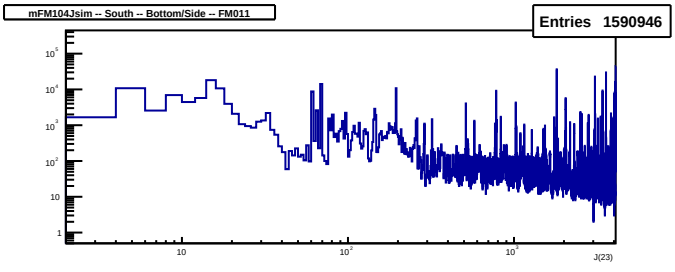

mFM104JP -- South -- Top -- FM010
Entries 5071982

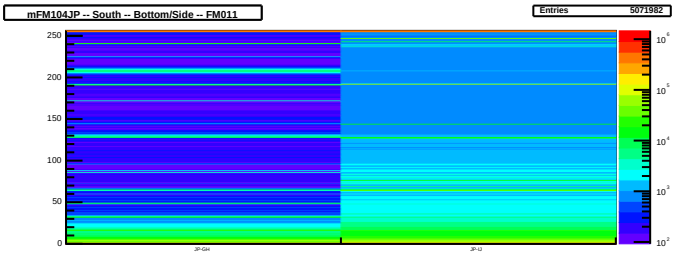

mFM104JPsim -- South -- Top -- FM010
Entries 2896246

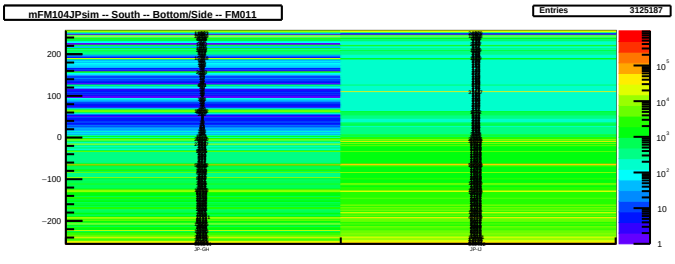

mFM104BS -- North -- Bottom/Side -- FM011
Entries 1.014396e+07

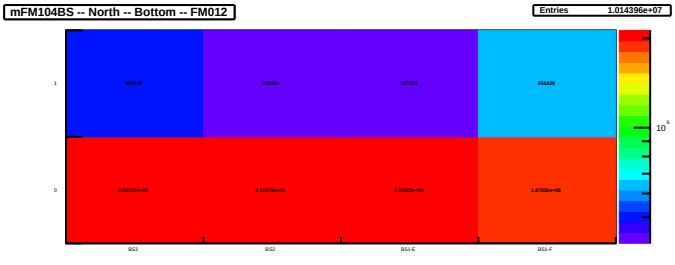

mFM104BSsim -- North -- Bottom/Side -- FM011
Entries 4781462

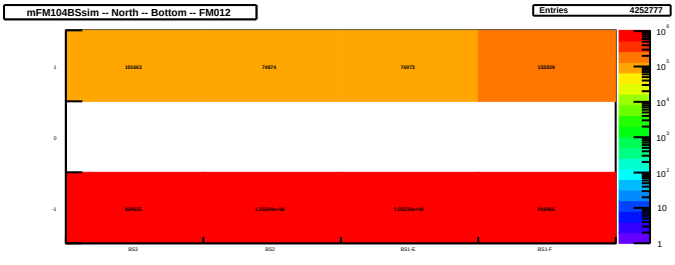

mFM104J -- South -- Bottom/Side -- FM011
Entries 2535991
J(23)

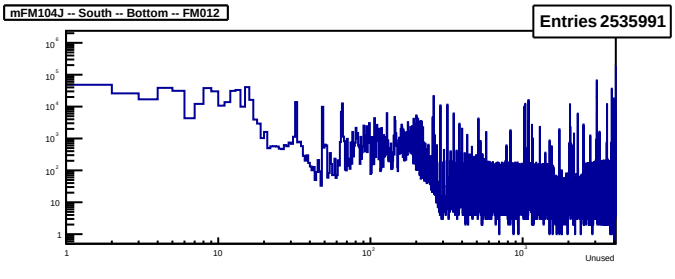

mFM104Jsim -- South -- Bottom/Side -- FM011
Entries 1590946
J(23)

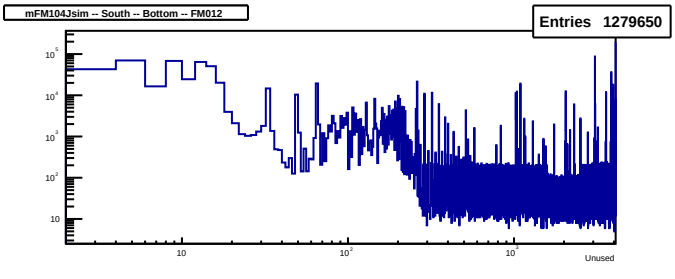

mFM104JP -- South -- Bottom/Side -- FM011
Entries 5071982

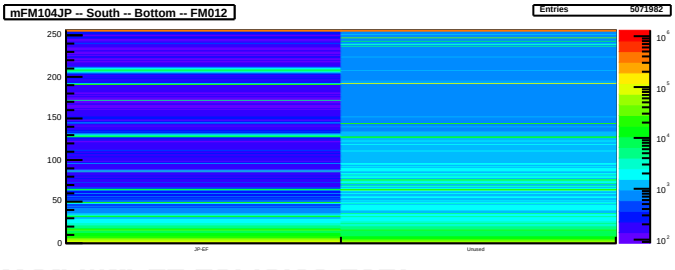

mFM104JPsim -- South -- Bottom/Side -- FM011
Entries 3125187

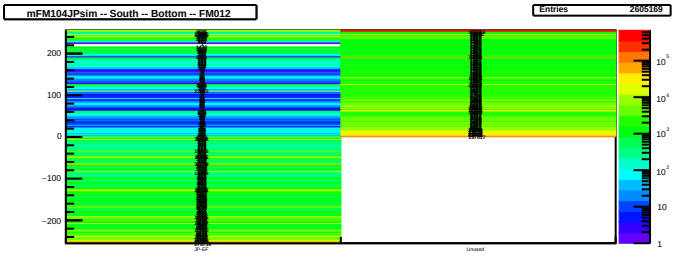

mFM104BS -- North -- Bottom -- FM012
Entries 1.014396e+07

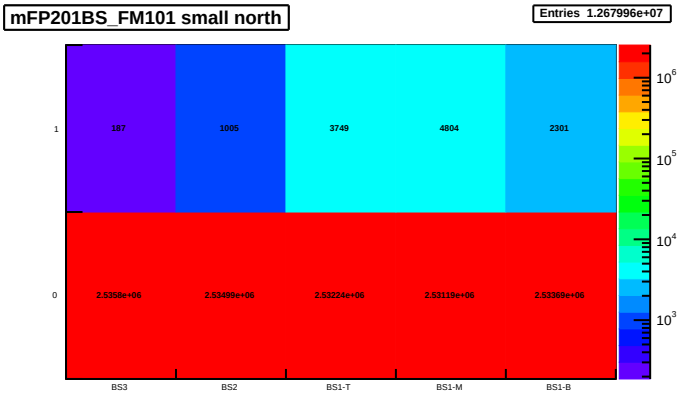

mFM104BSsim -- North -- Bottom -- FM012
Entries 4252777

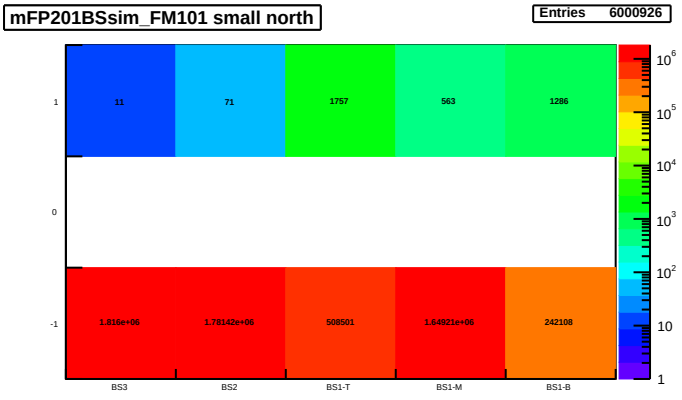

mFM104J -- South -- Bottom -- FM012
Entries 2535991
Unused

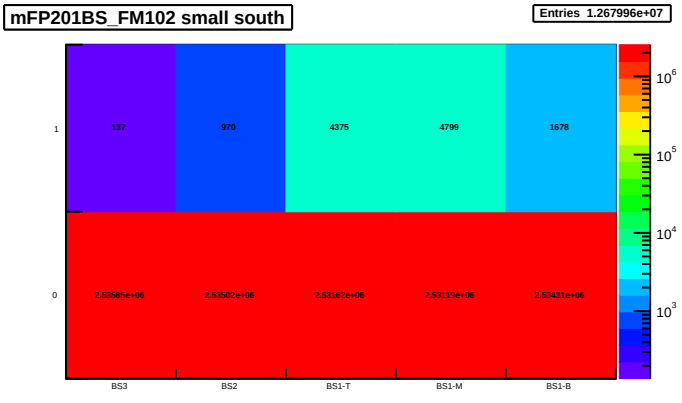

mFM104Jsim -- South -- Bottom -- FM012
Entries 1279650
Unused

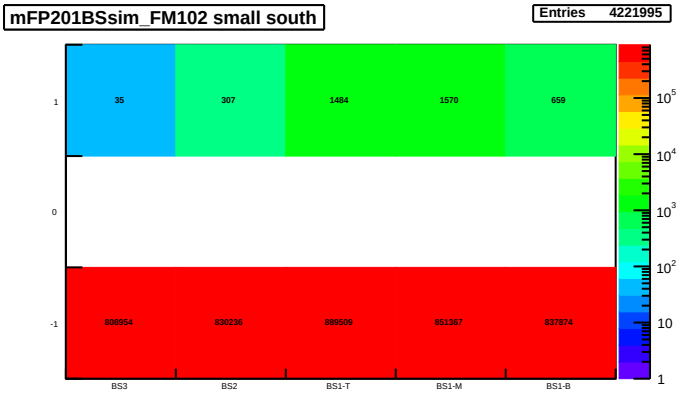

mFM104JP -- South -- Bottom -- FM012
Entries 5071982

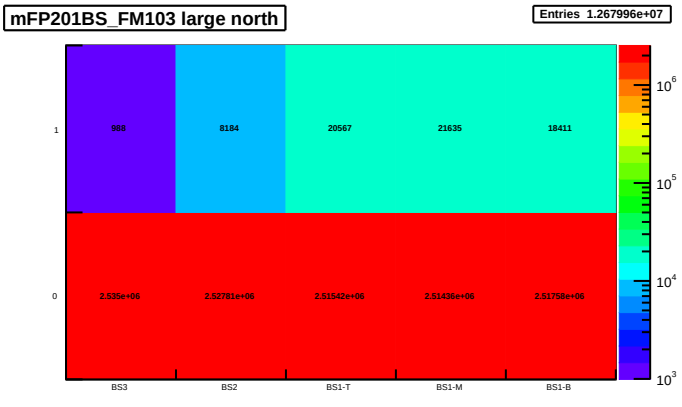

mFM104JPsim -- South -- Bottom -- FM012
Entries 2605169

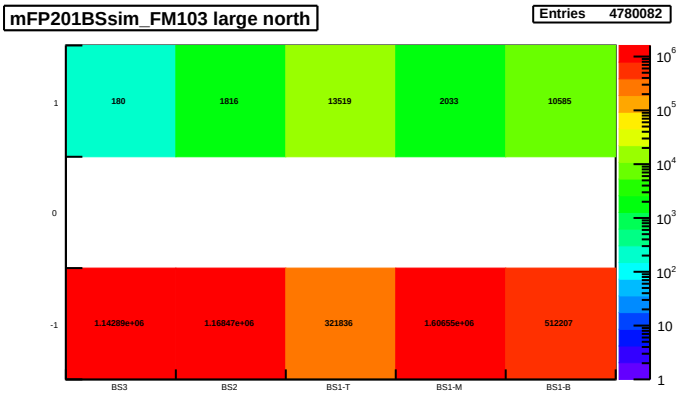

mFP201BS_FM101 small north
Entries 1.267996e+07
1
0
187
1005
3749
4804
2301
2.5358e+06
2.53499e+06
2.53224e+06
2.53119e+06
2.53369e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

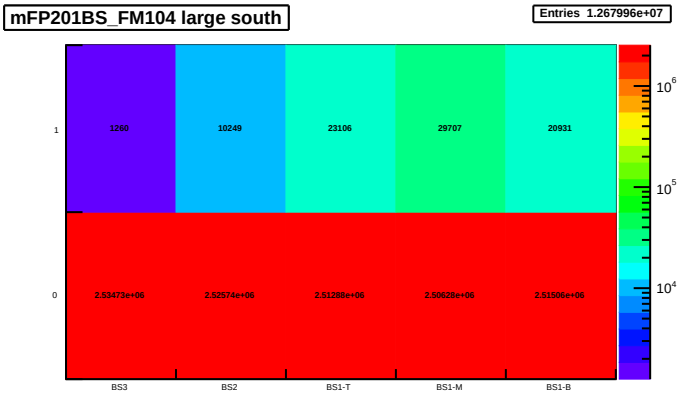

mFP201BSsim_FM101 small north
Entries 6000926
1
0
-1
11
71
1757
563
1286
1.816e+06
1.78142e+06
508501
1.64921e+06
242108
BS3
BS2
BS1-T
BS1-M
BS1-B

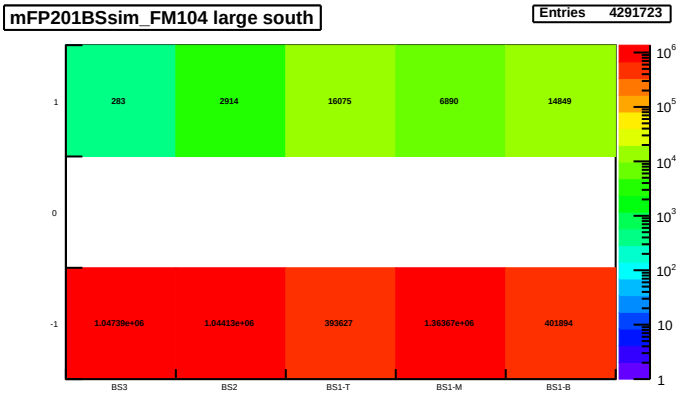

mFP201BS_FM102 small south
Entries 1.267996e+07
1
0
137
970
4375
4799
1678
2.53585e+06
2.53502e+06
2.53162e+06
2.53119e+06
2.53431e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

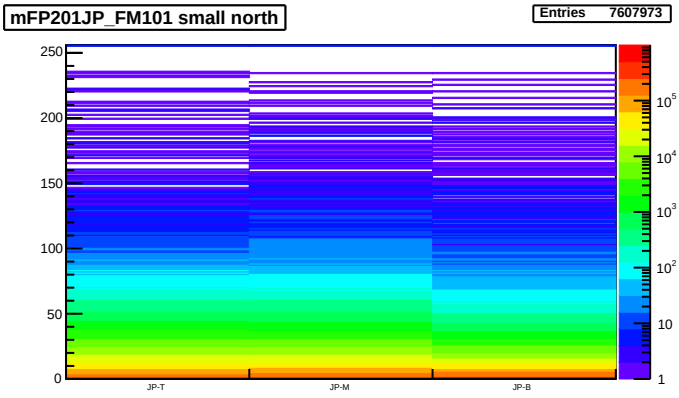

mFP201BSsim_FM102 small south
Entries 4221995
1
0
-1
35
307
1484
1570
659
808954
830236
889509
851367
837874
BS3
BS2
BS1-T
BS1-M
BS1-B

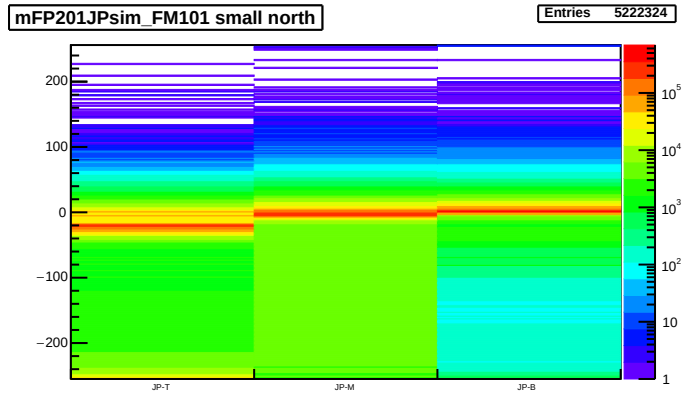

mFP201BS_FM103 large north
Entries 1.267996e+07
1
0
988
8184
20567
21635
18411
2.535e+06
2.52781e+06
2.51542e+06
2.51436e+06
2.51758e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

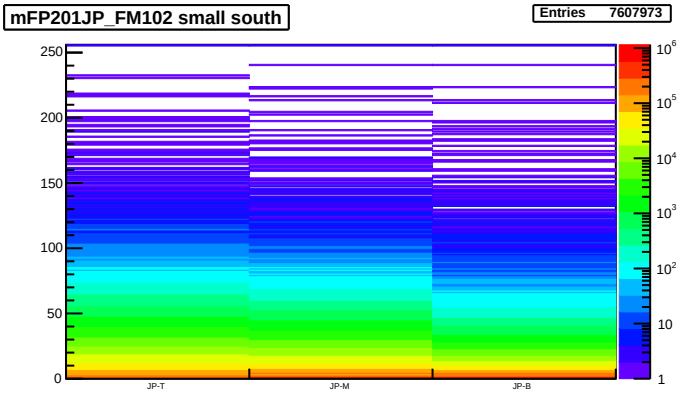

mFP201BSsim_FM103 large north
Entries 4780082
1
0
-1
180
1816
13519
2033
10585
1.14289e+06
1.16847e+06
321836
1.60655e+06
512207
BS3
BS2
BS1-T
BS1-M
BS1-B

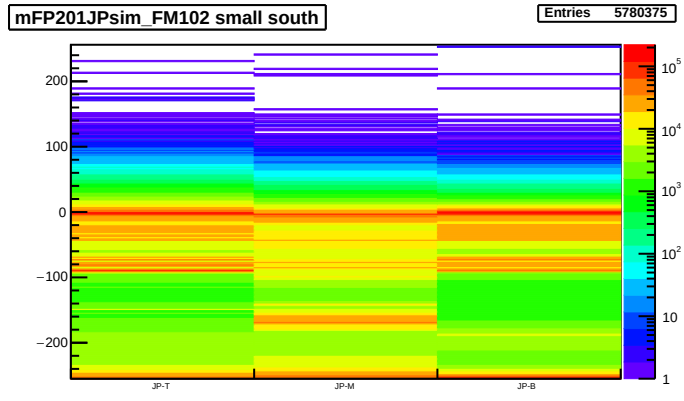

mFP201BS_FM104 large south
Entries 1.267996e+07
1
0
1260
10249
23106
29707
20931
2.53473e+06
2.52574e+06
2.51288e+06
2.50628e+06
2.51506e+06
BS3
BS2
BS1-T
BS1-M
BS1-B

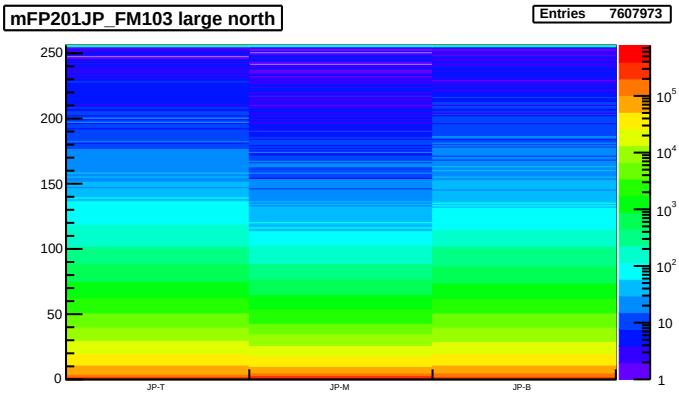

mFP201BSsim_FM104 large south
Entries 4291723
1
0
-1
283
2914
16075
6890
14849
1.04739e+06
1.04413e+06
393627
1.36367e+06
401894
BS3
BS2
BS1-T
BS1-M
BS1-B

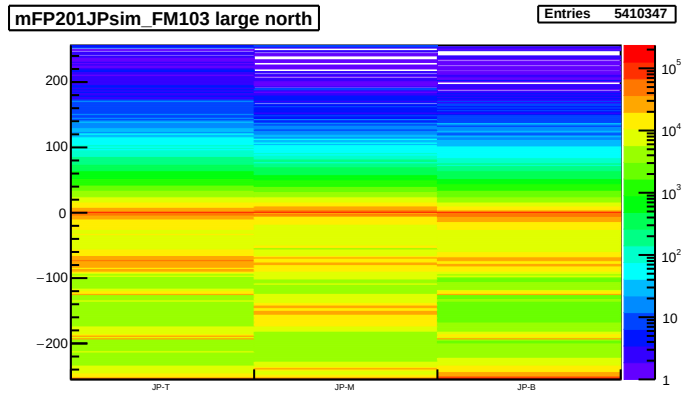

mFP201JP_FM101 small north
Entries 7607973
JP-T
JP-M
JP-B

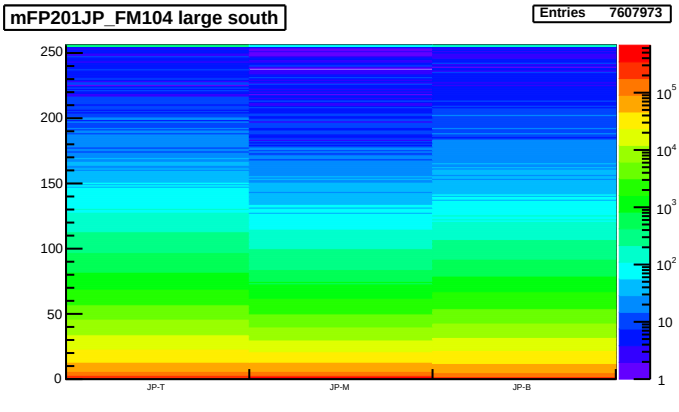

mFP201JPsim_FM101 small north
Entries 5222324
JP-T
JP-M
JP-B

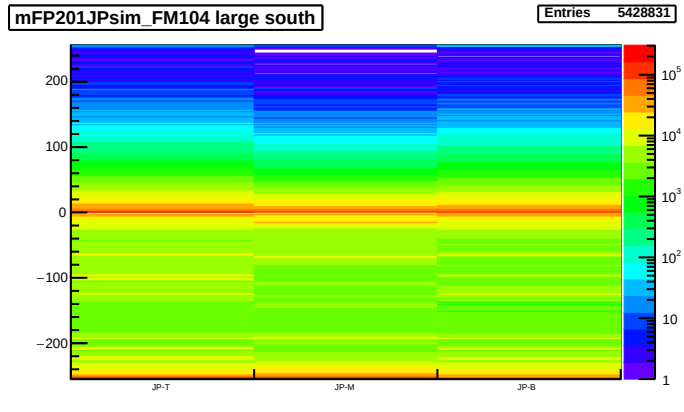

mFP201JP_FM102 small south
Entries 7607973
JP-T
JP-M
JP-B

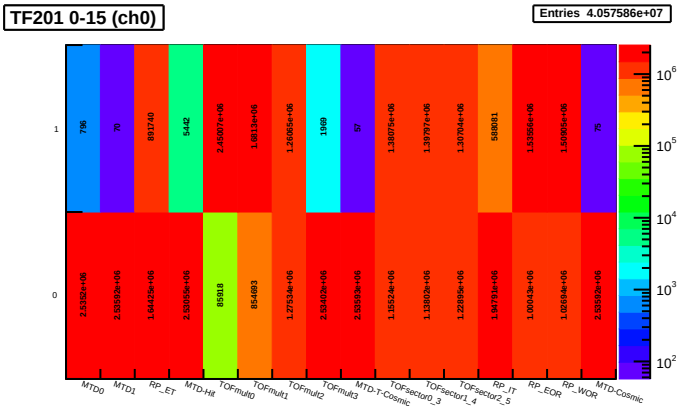

mFP201JPsim_FM102 small south
Entries 5780375
JP-T
JP-M
JP-B

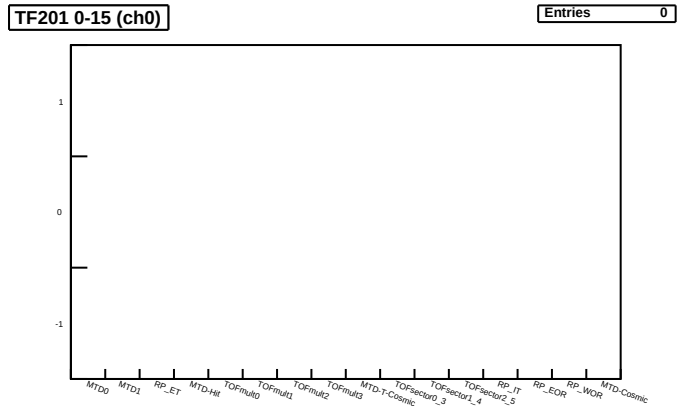

mFP201JP_FM103 large north
Entries 7607973
JP-T
JP-M
JP-B

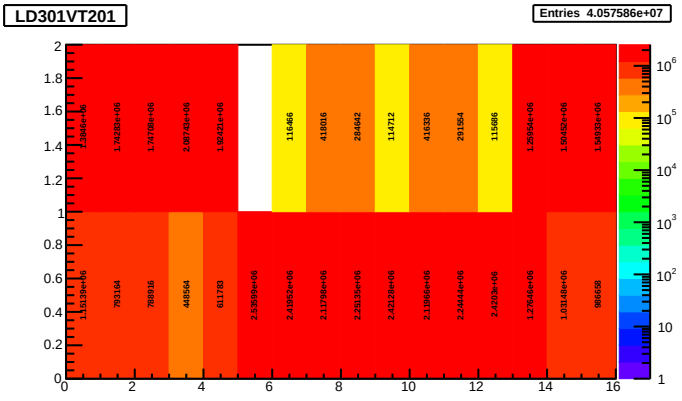

mFP201JPsim_FM103 large north
Entries 5410347
JP-T
JP-M
JP-B

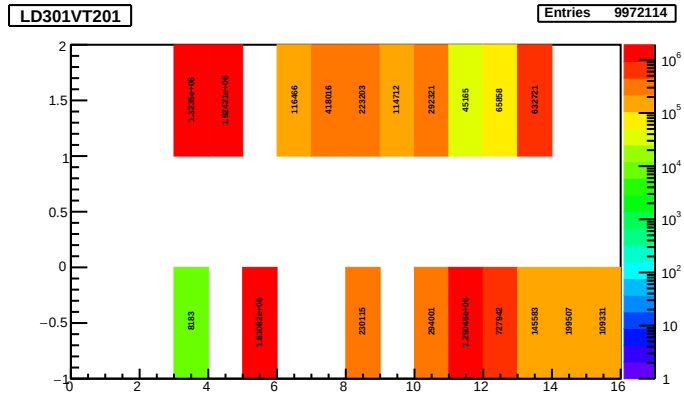

mFP201JP_FM104 large south
Entries 7607973
JP-T
JP-M
JP-B

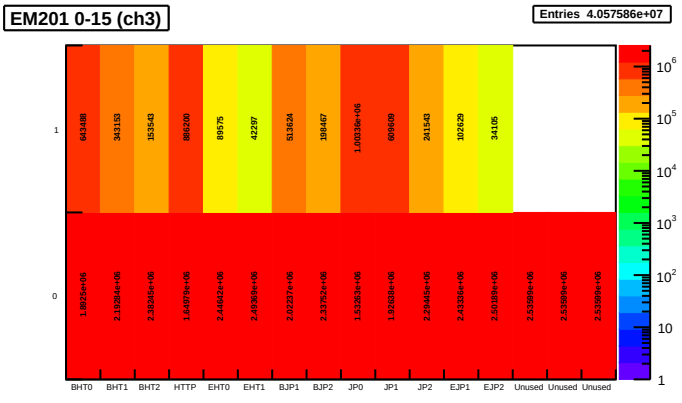

mFP201JPsim_FM104 large south
Entries 5428831
JP-T
JP-M
JP-B

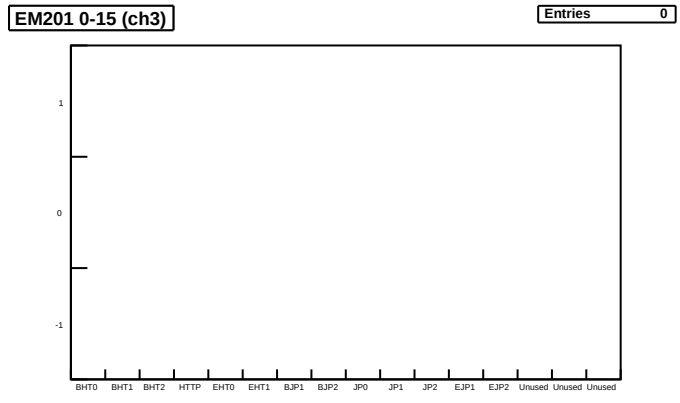

TF201 0-15 (ch0)
Entries 4.057586e+07
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

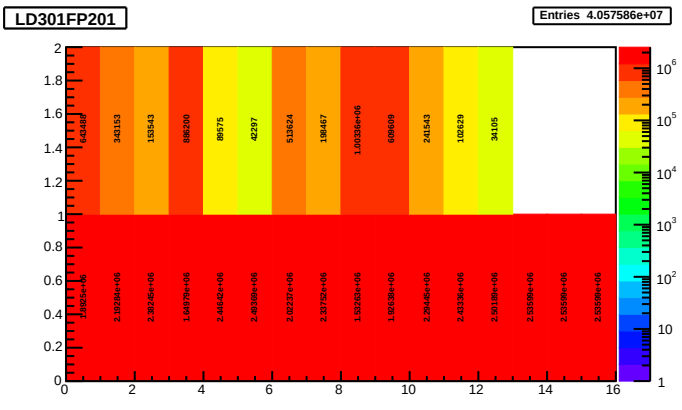

TF201 0-15 (ch0)
Entries 0
MTD0 MTD1 RP_ET MTD-Hit TOFmult0 TOFmult1 TOFmult2 TOFmult3 MTD-T-Cosmic TOFsector0_3 TOFsector1_4 TOFsector2_5 RP_IT RP_EOR RP_WOR MTD-Cosmic

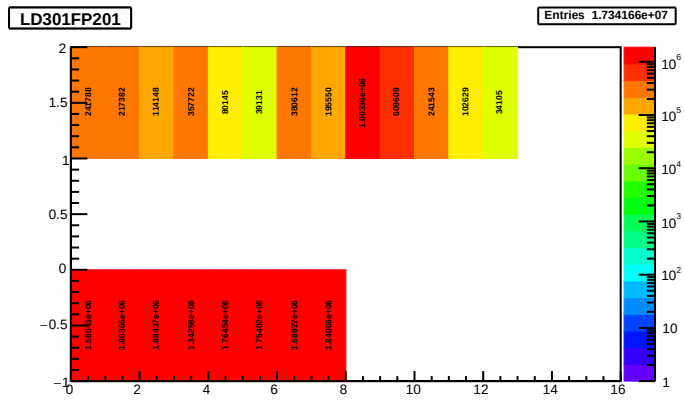

LD301VT201
Entries 4.057586e+07


LD301VT201
Entries 9972114


EM201 0-15 (ch3)
Entries 4.057586e+07
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


EM201 0-15 (ch3)
Entries 0
BHT0 BHT1 BHT2 HTTP EHT0 EHT1 BJP1 BJP2 JP0 JP1 JP2 EJP1 EJP2 Unused Unused Unused


LD301FP201
Entries 4.057586e+07


LD301FP201
Entries 1.734166e+07