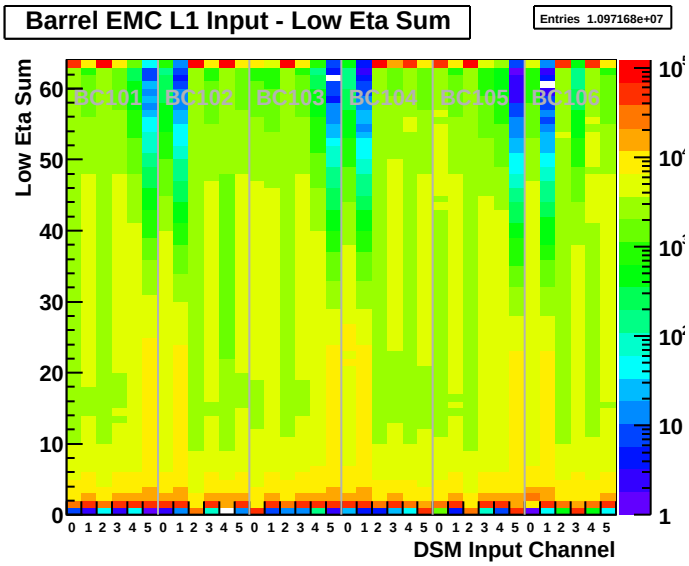
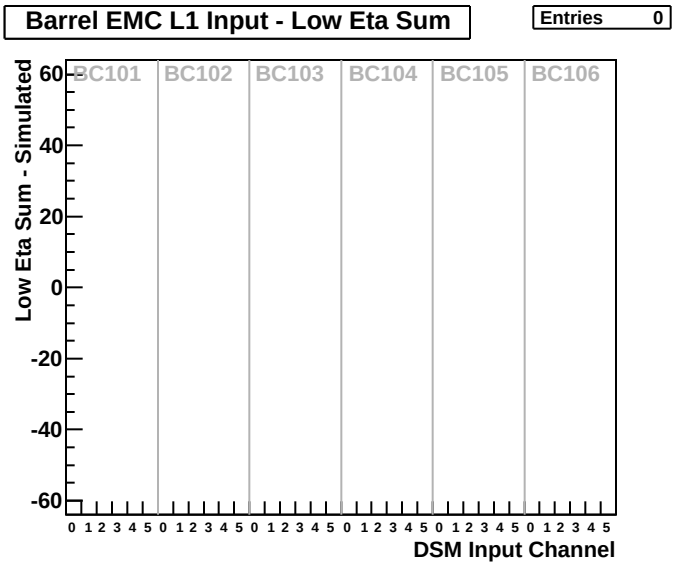
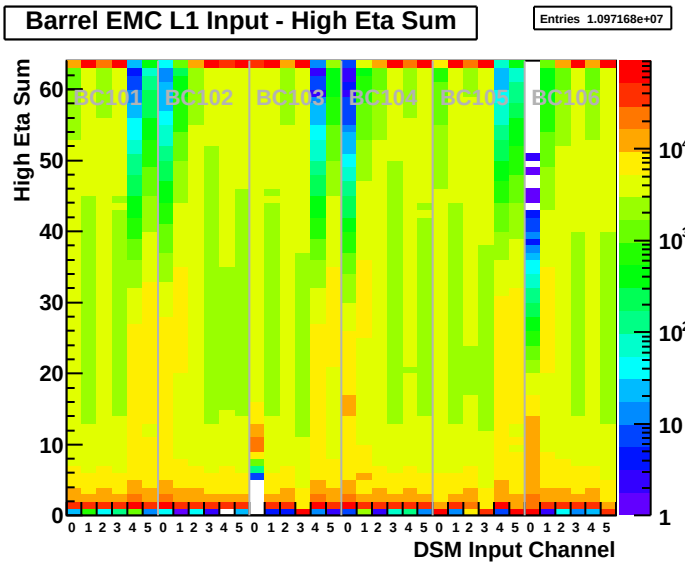
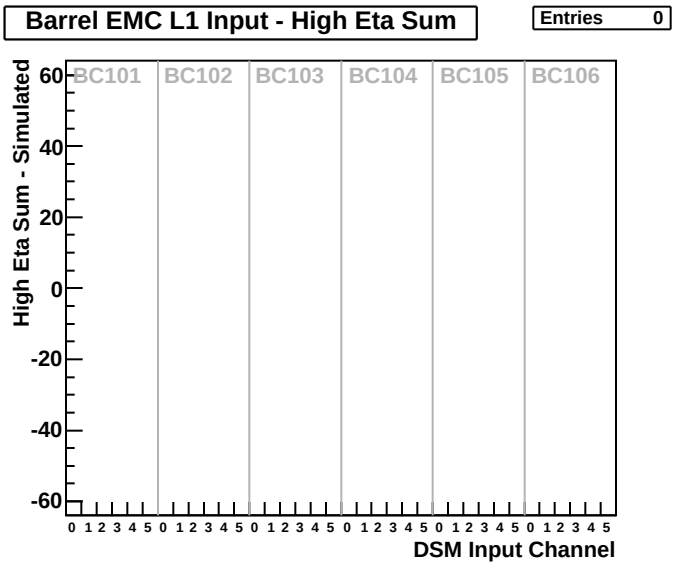
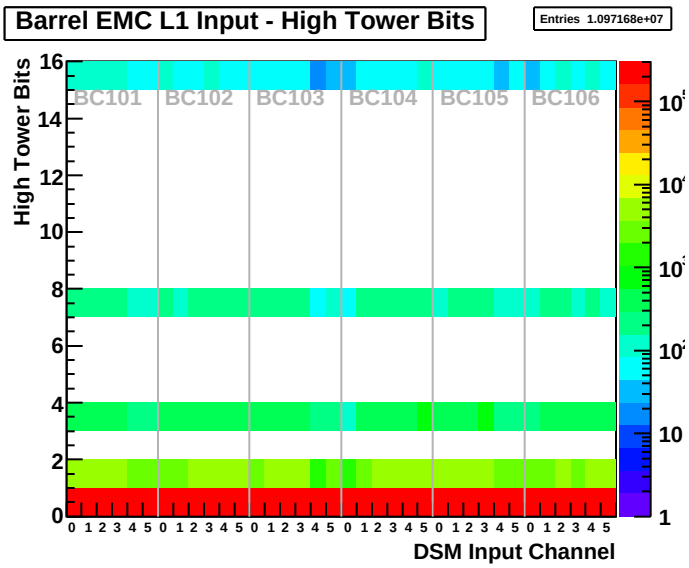
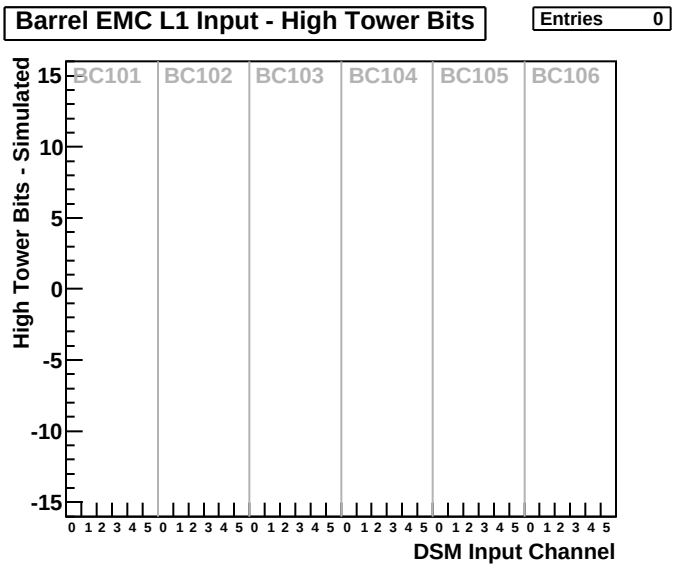

Barrel EMC L1 Input - Low Eta Sum
Entries 1.097168e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

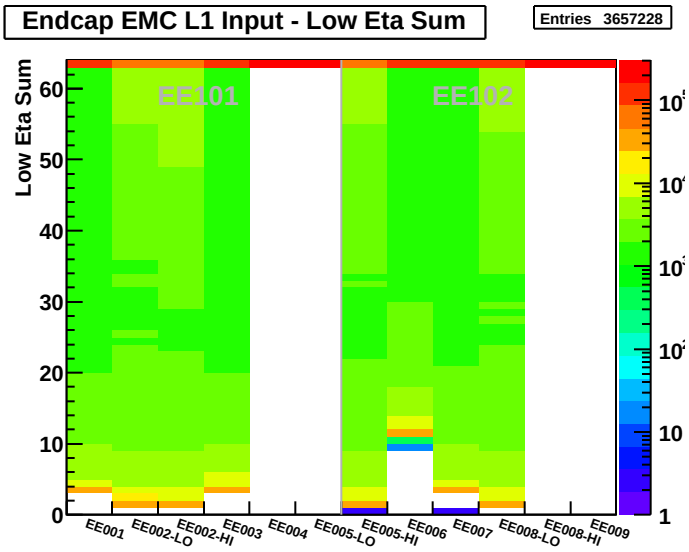

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

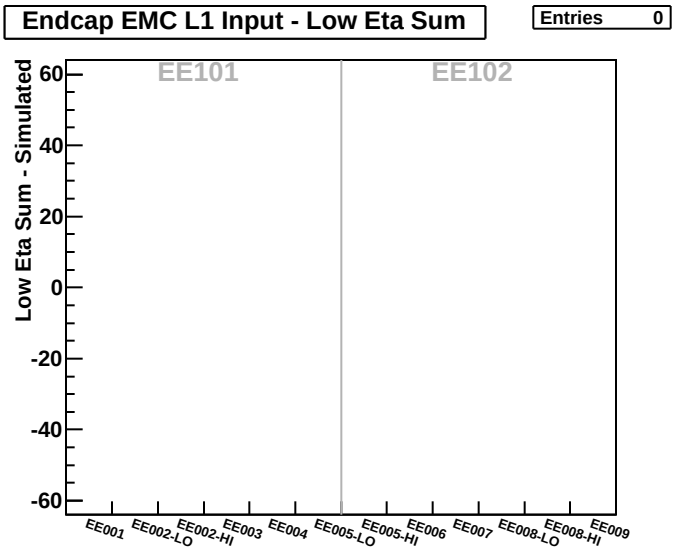

Barrel EMC L1 Input - High Eta Sum
Entries 1.097168e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

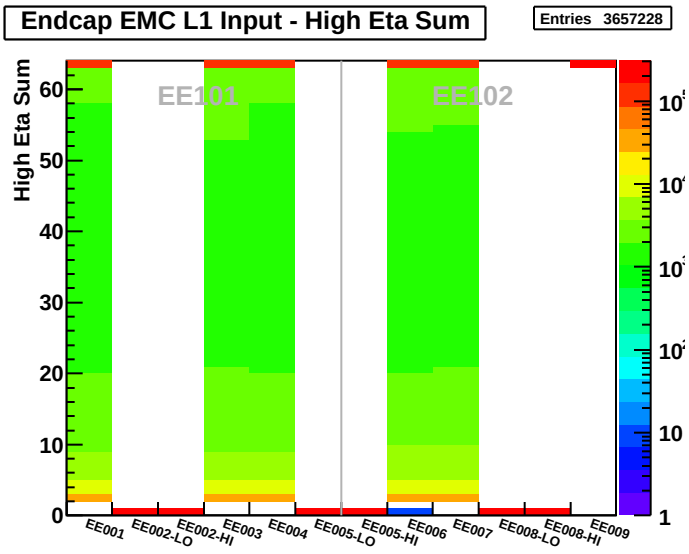

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

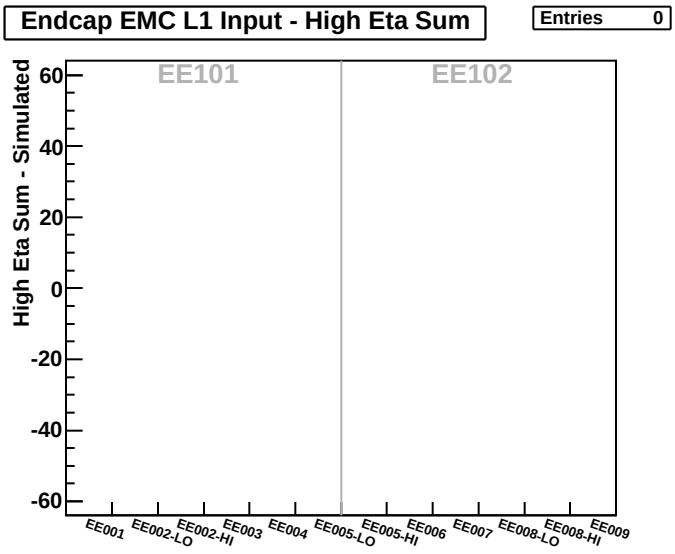

Barrel EMC L1 Input - High Tower Bits
Entries 1.097168e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

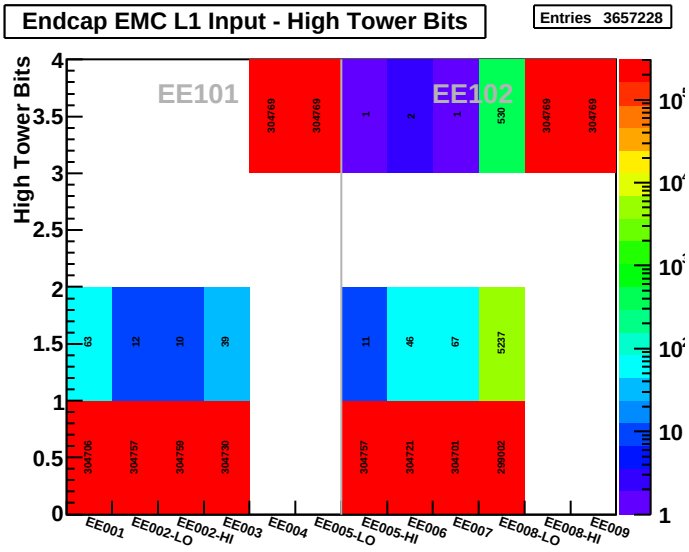

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

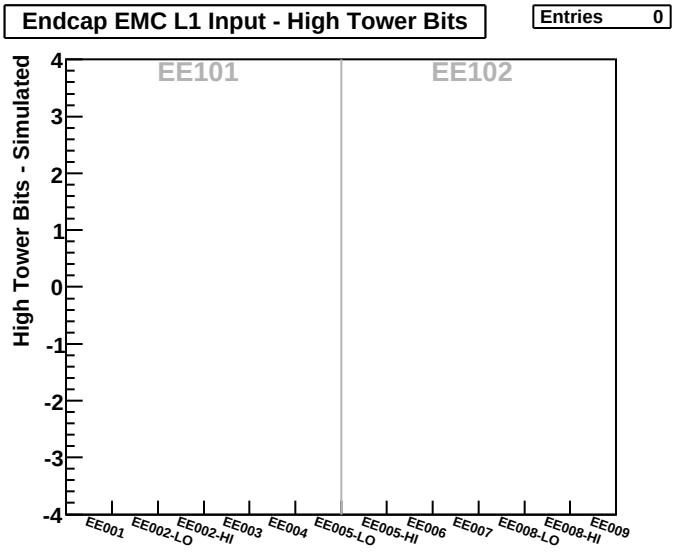

Endcap EMC L1 Input - Low Eta Sum
Entries 3657228
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

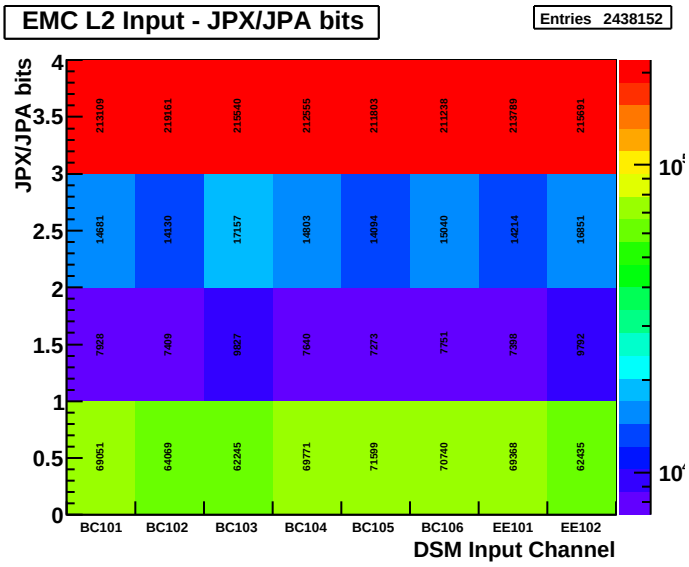

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

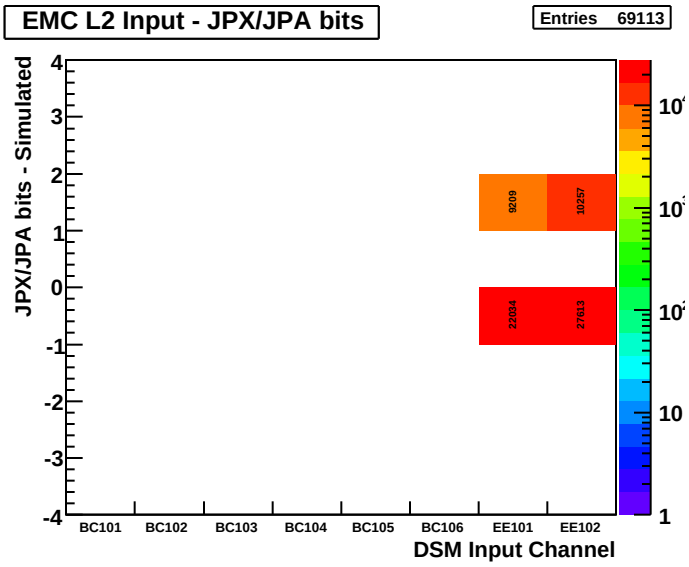

Endcap EMC L1 Input - High Eta Sum
Entries 3657228
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

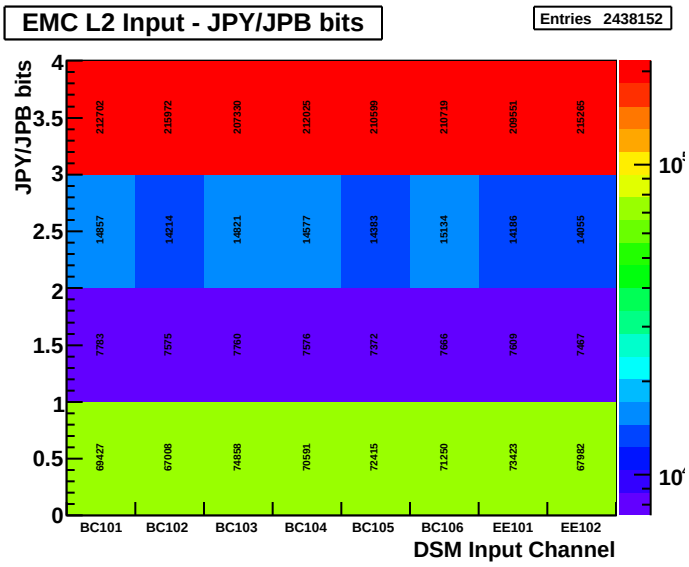

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

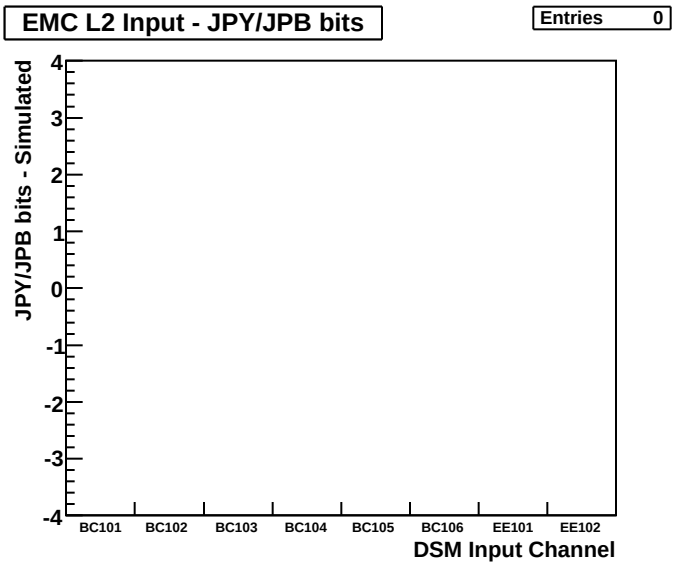

Endcap EMC L1 Input - High Tower Bits
Entries 3657228
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

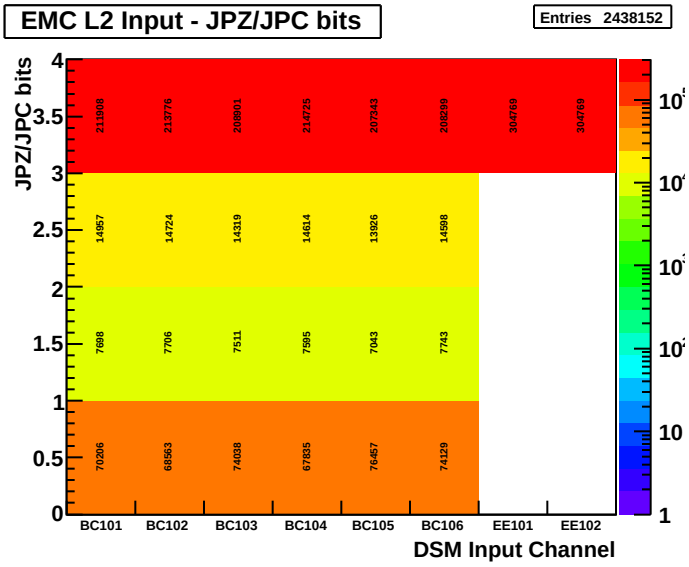

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

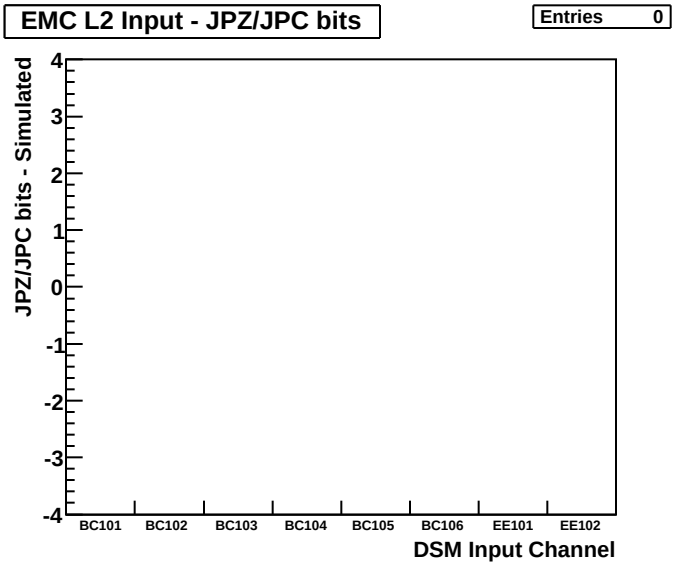

EMC L2 Input - JPX/JPA bits
Entries 2438152
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
213109 219161 215640 212655 211803 211238 213789 215691
14681 14130 17157 14803 14094 15040 14214 16851
7326 7409 9227 7640 7273 7751 7398 9792
69051 64069 62245 69771 71599 70740 69368 62435

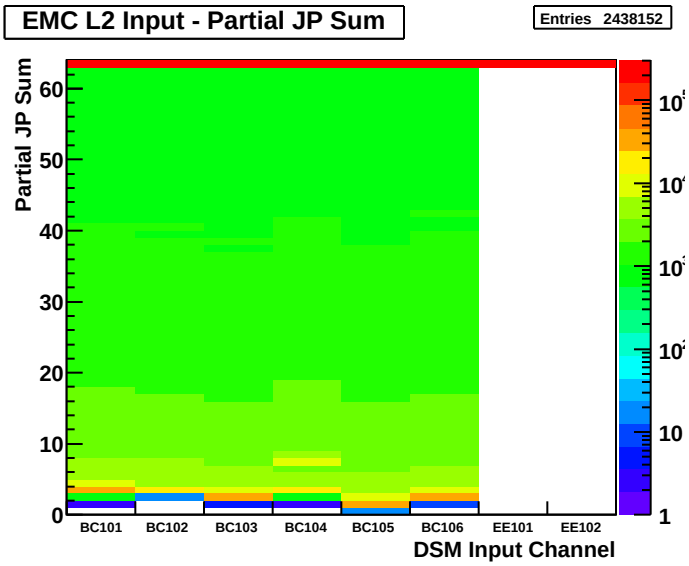

EMC L2 Input - JPX/JPA bits
Entries 69113
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
9209 10257
22034 27613

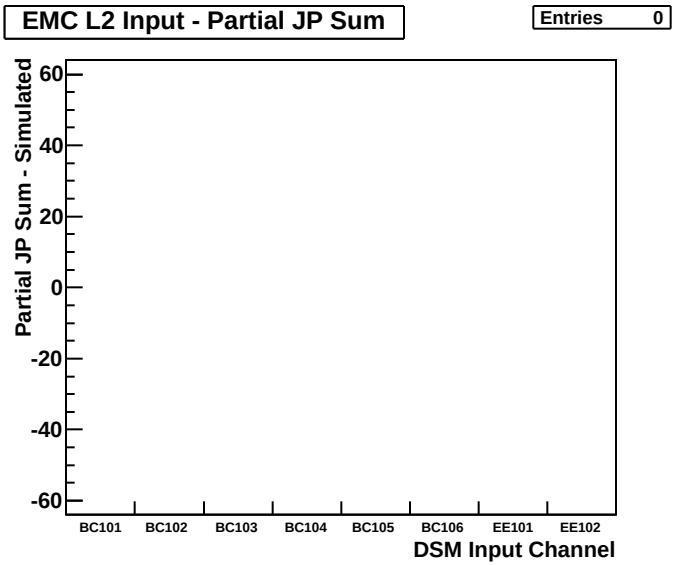

EMC L2 Input - JPY/JPB bits
Entries 2438152
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
212702 215972 207330 212025 210599 210719 209551 215265
14857 14214 14821 14577 14383 15134 14186 14055
7763 7575 7760 7576 7372 7666 7609 7467
69427 67008 74858 70591 72415 71250 73423 67982

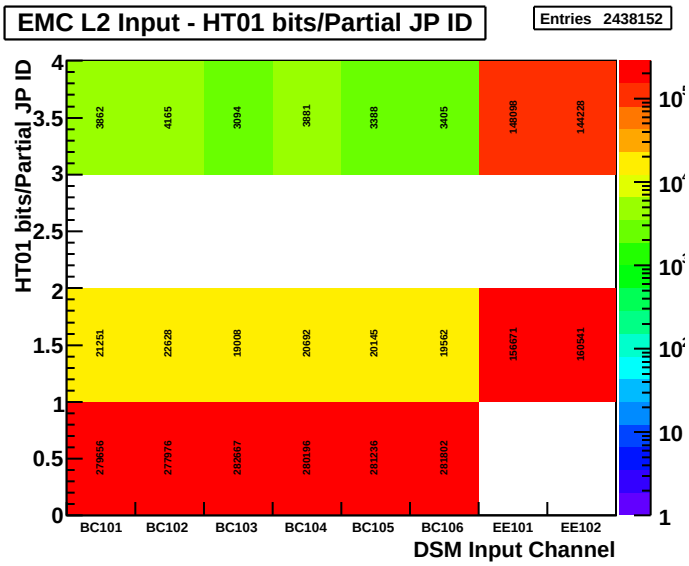

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

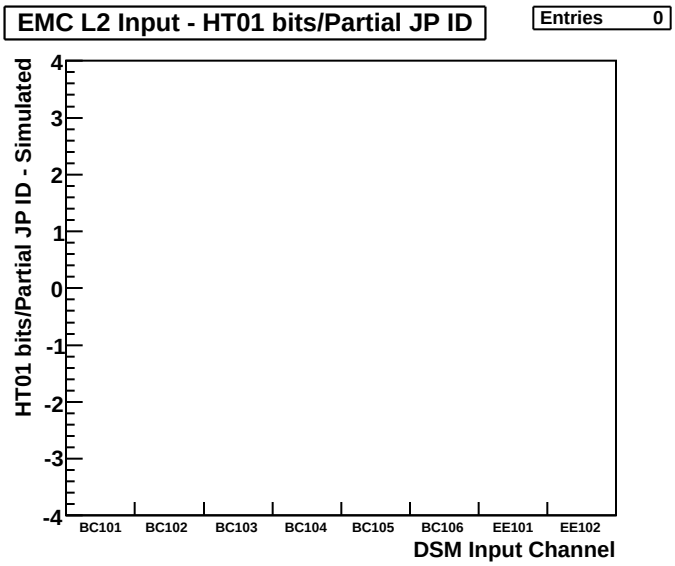

EMC L2 Input - JPZ/JPC bits
Entries 2438152
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
211908 213776 208901 214725 207343 209299 304769 304769
14957 14724 14319 14614 13926 14598
7698 7706 7511 7595 7043 7743
70206 68563 74038 67835 76457 74129

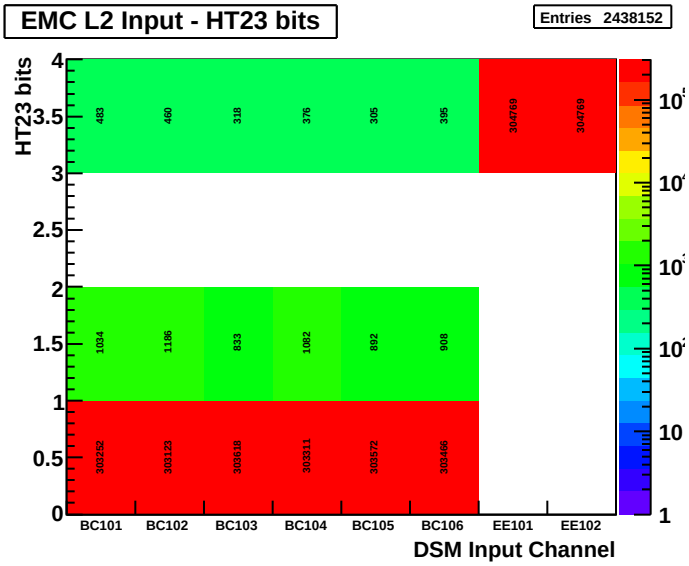

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

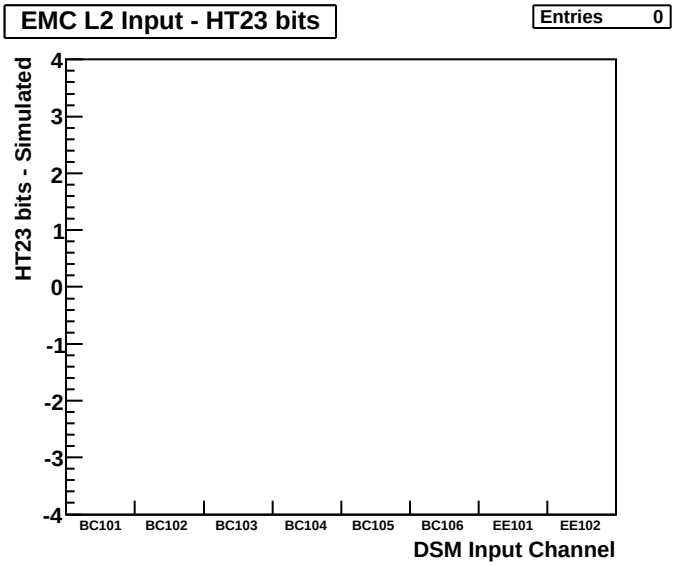

EMC L2 Input - Partial JP Sum
Entries 2438152
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

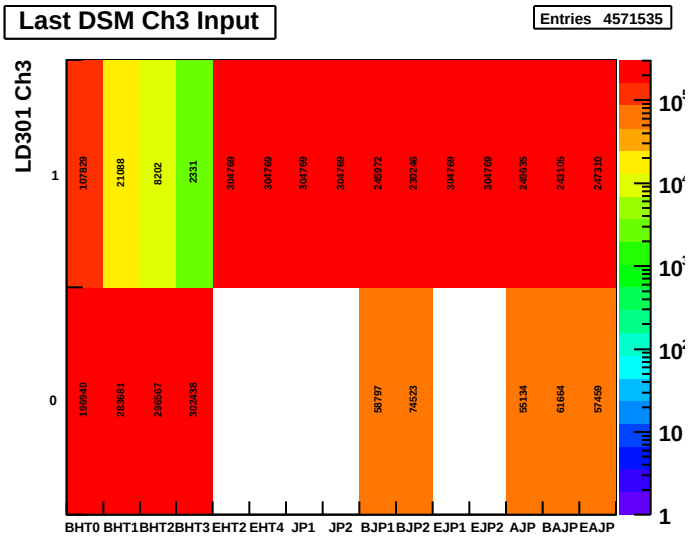

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

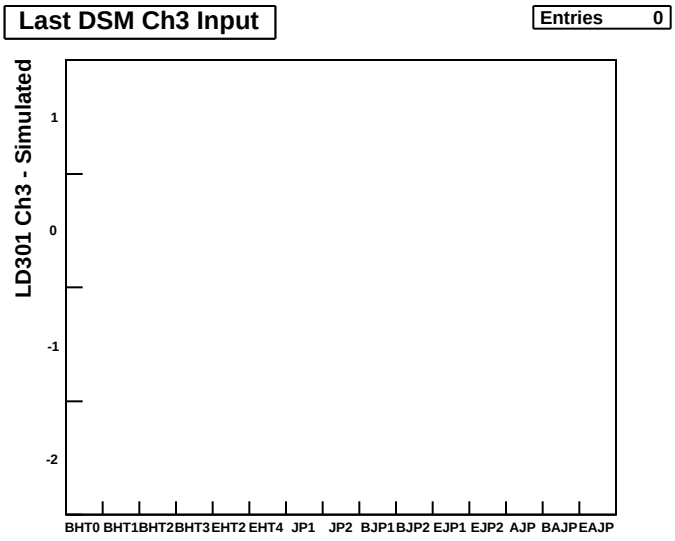

EMC L2 Input - HT01 bits/Partial JP ID
Entries 2438152
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

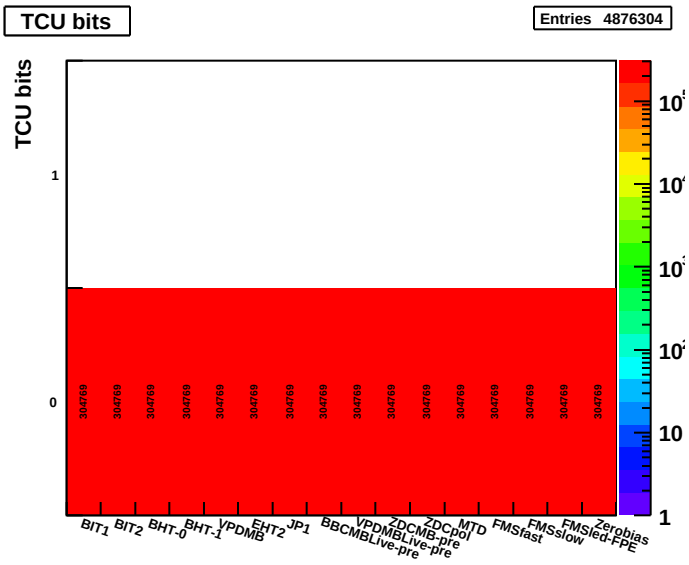

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

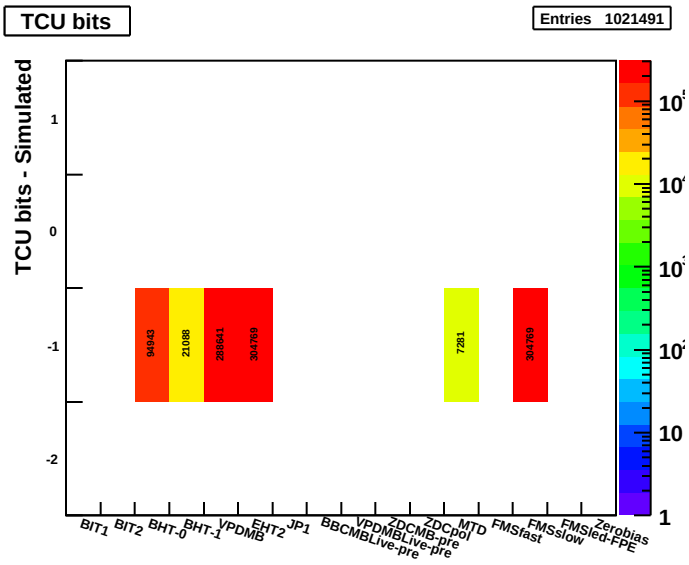

EMC L2 Input - HT23 bits
Entries 2438152
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

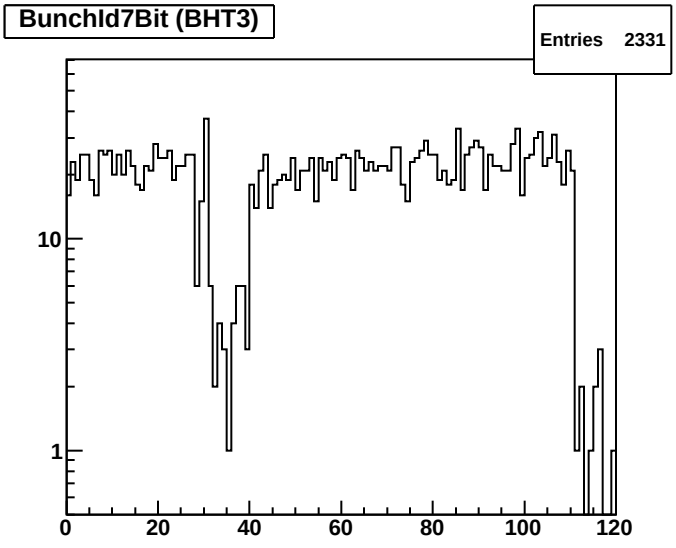

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

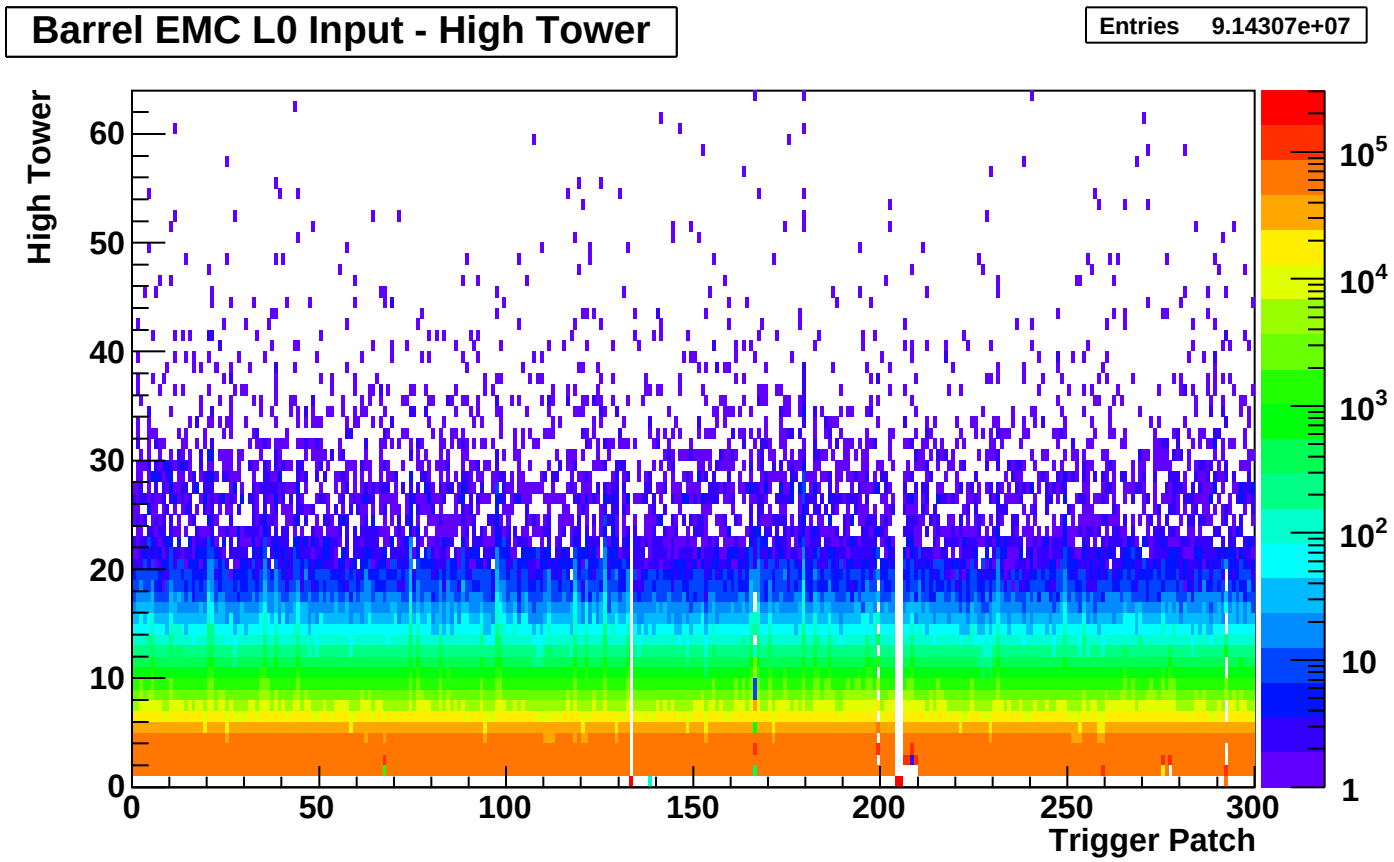

Last DSM Ch3 Input
Entries 4571535
LD301 Ch3
1
0
107829
21088
8202
2331
304769
304769
304769
304769
245972
230246
304769
304769
249635
243105
247310
196940
283681
296567
302438
58797
74523
55134
61664
57459
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP
1

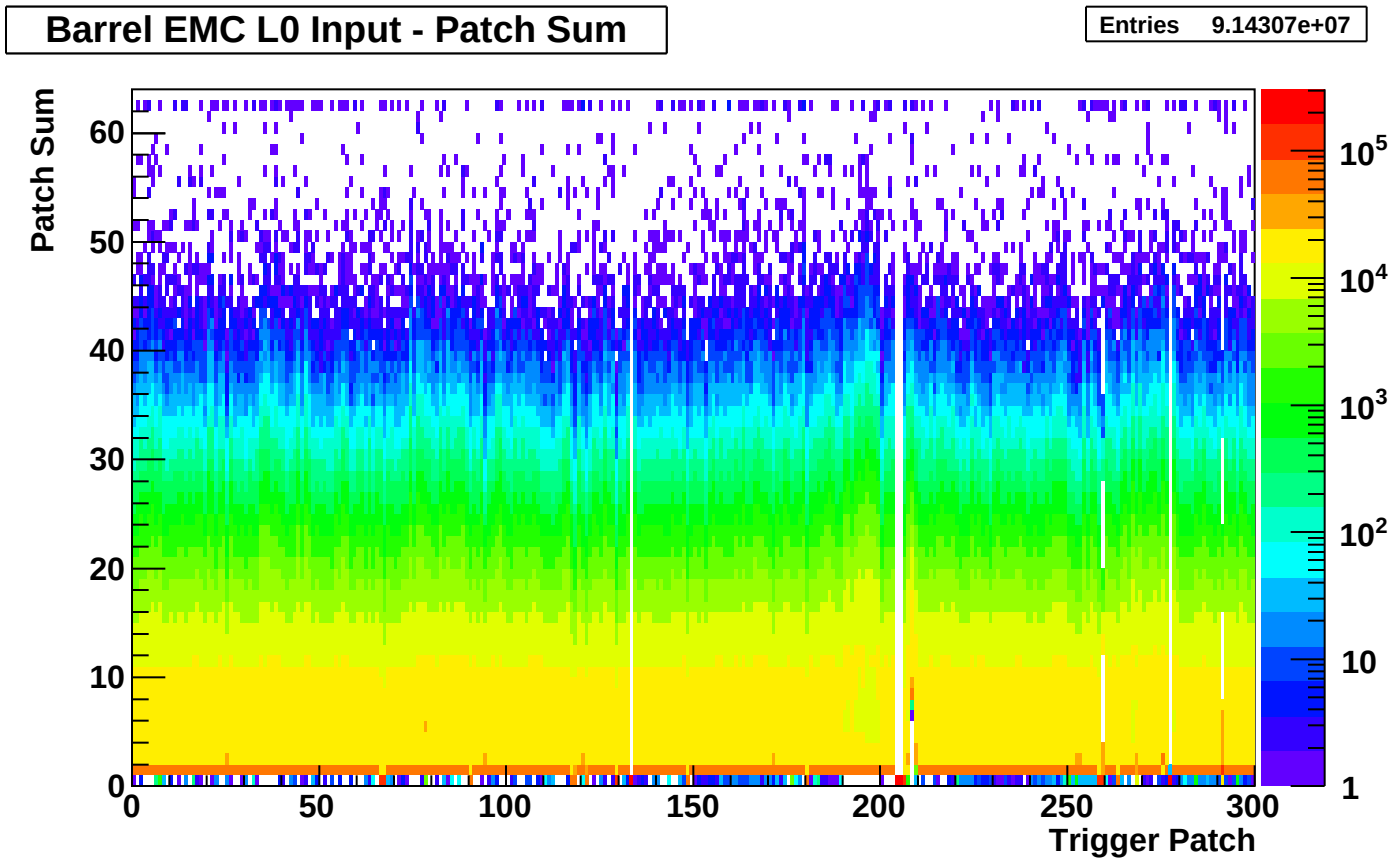

Last DSM Ch3 Input
Entries 0
LD301 Ch3 - Simulated
1
0
-1
-2
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

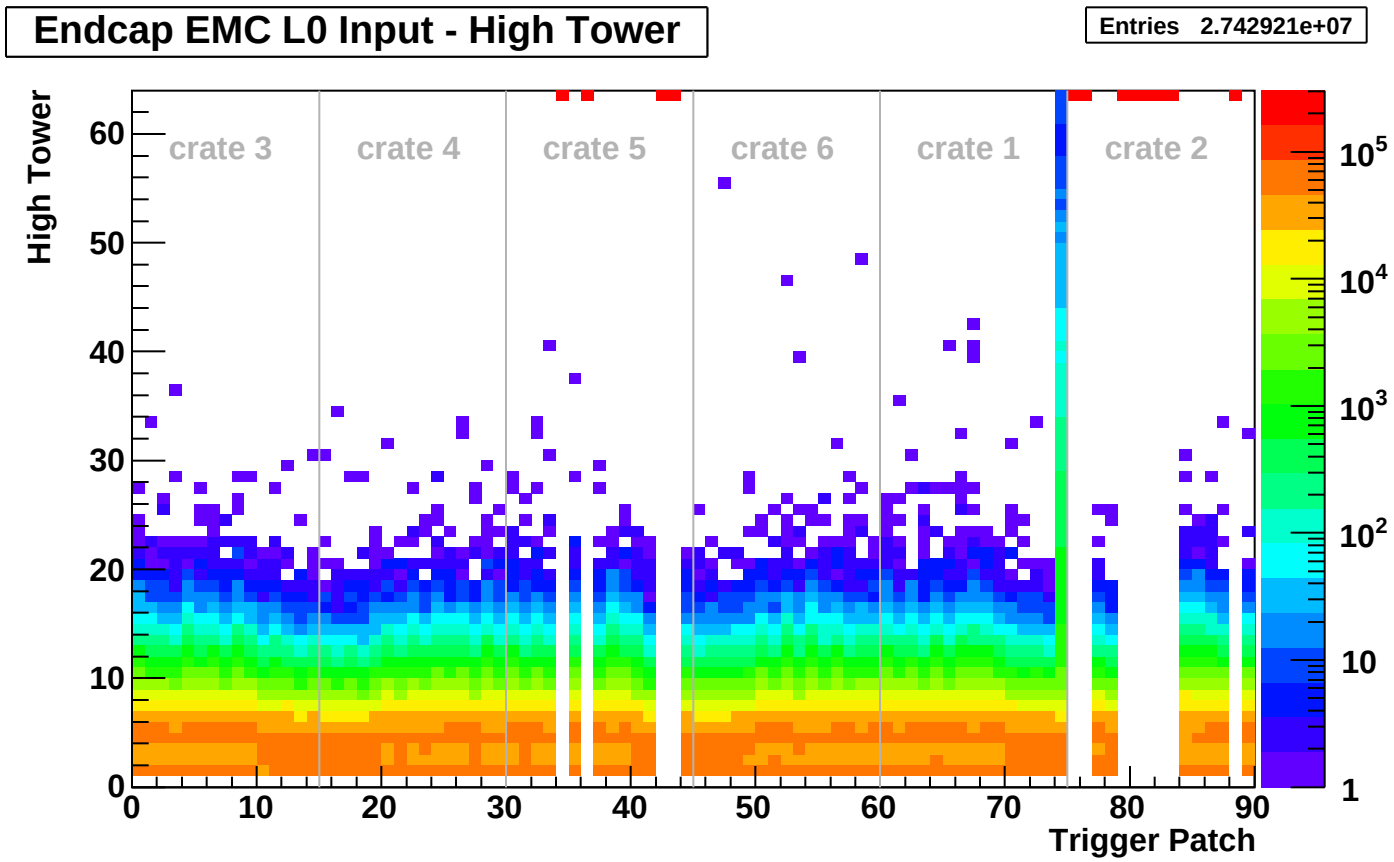

TCU bits
Entries 4876304
TCU bits
1
0
304769
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias
1

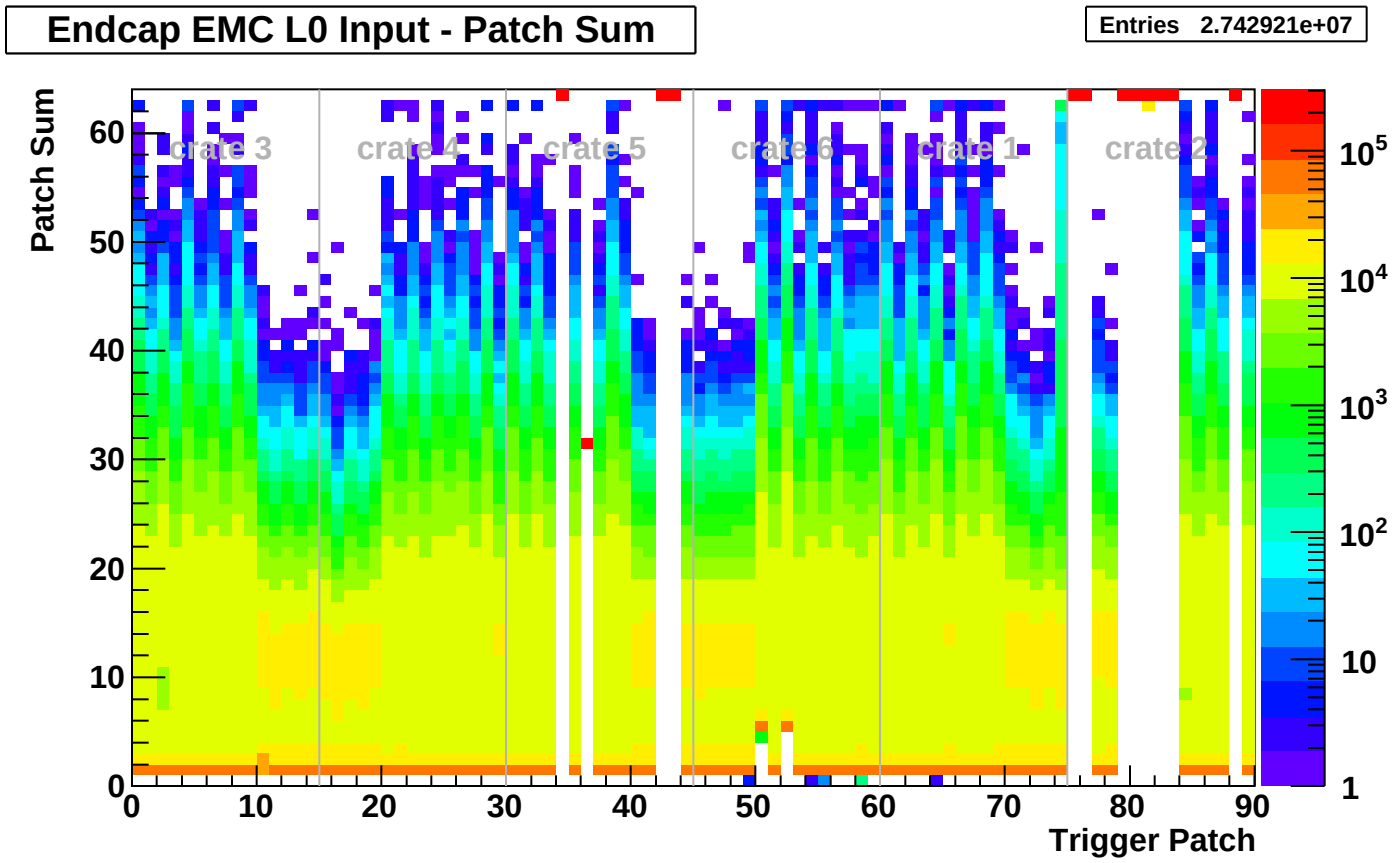

TCU bits
Entries 1021491
TCU bits - Simulated
1
0
-1
-2
94943
21088
283641
304769
7281
304769
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias
1

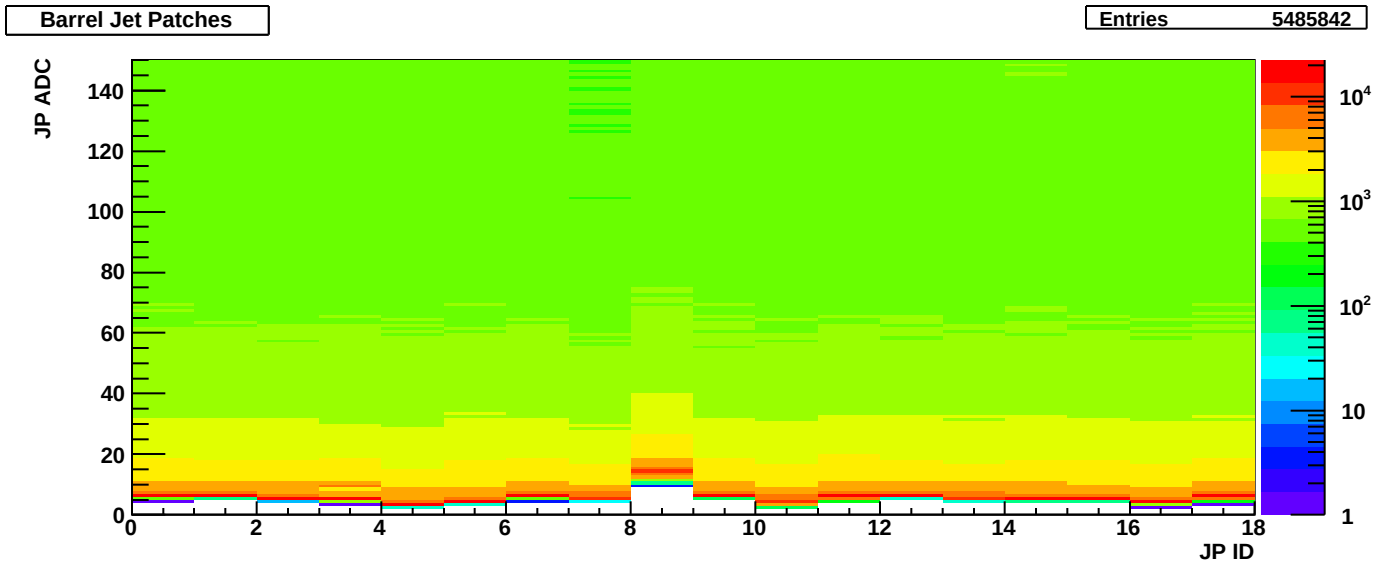

BunchId7Bit (BHT3)
Entries 2331
10
1
0
20
40
60
80
100
120

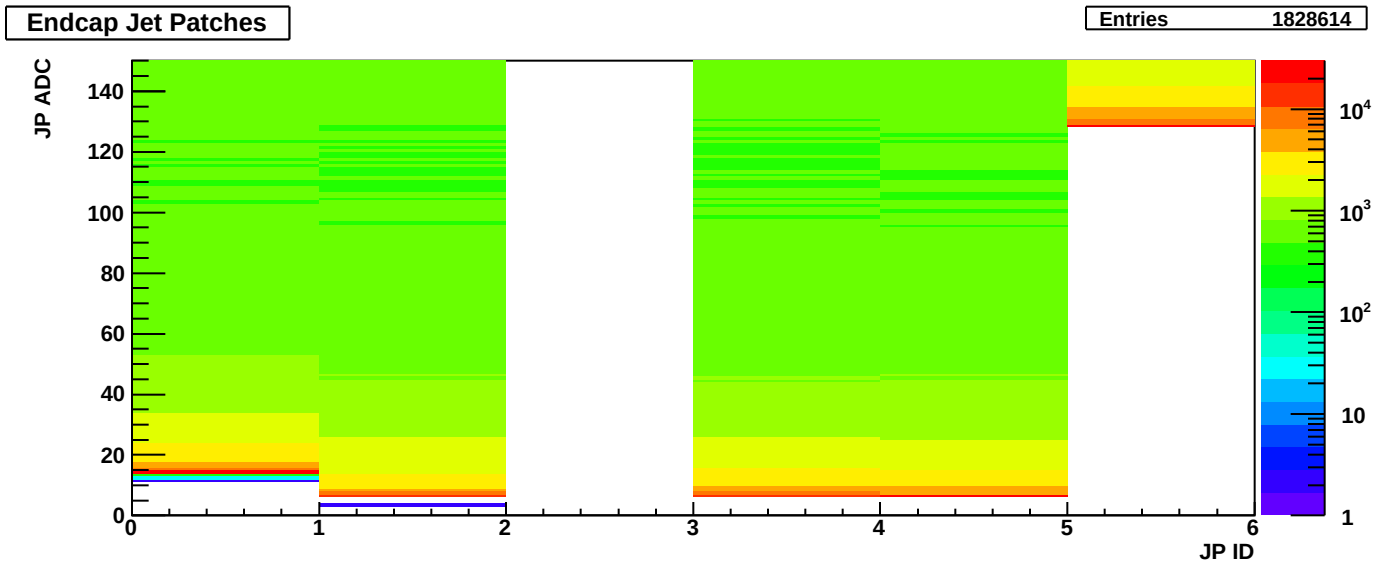

Barrel EMC L0 Input - High Tower
Entries 9.14307e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

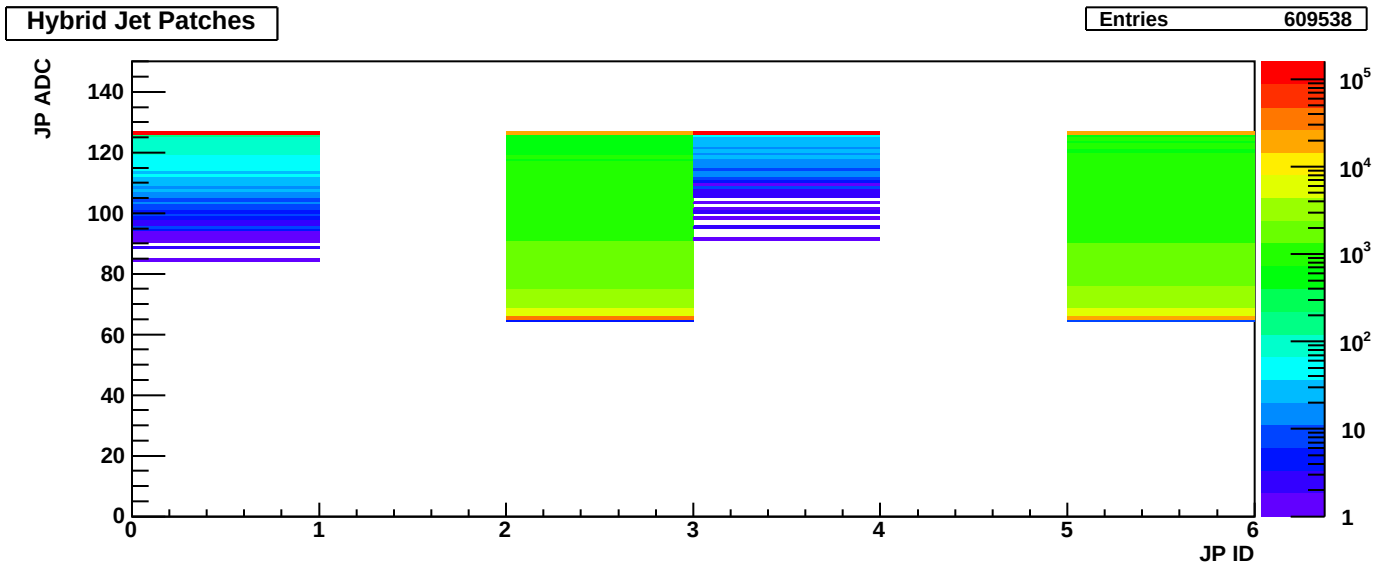

Barrel EMC L0 Input - Patch Sum
Entries 9.14307e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

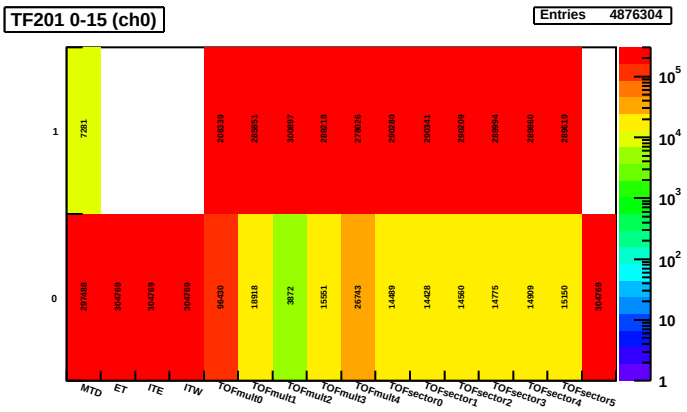

Endcap EMC L0 Input - High Tower
Entries 2.742921e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

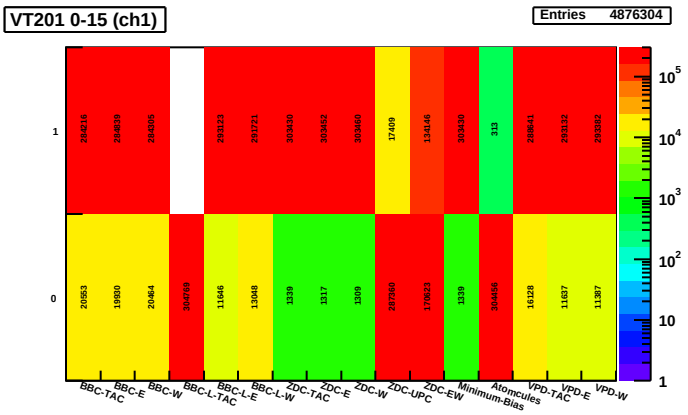

Endcap EMC L0 Input - Patch Sum
Entries 2.742921e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

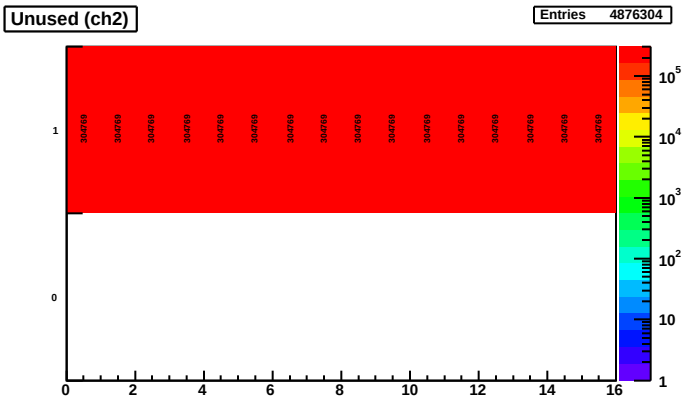

Barrel Jet Patches
Entries 5485842
JP ADC
JP ID

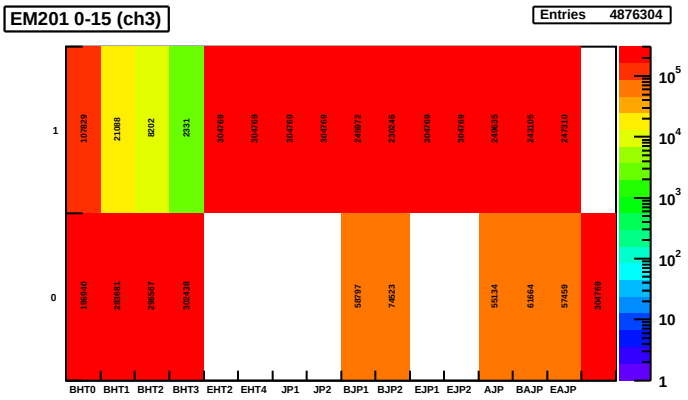

Endcap Jet Patches
Entries 1828614
JP ADC
JP ID

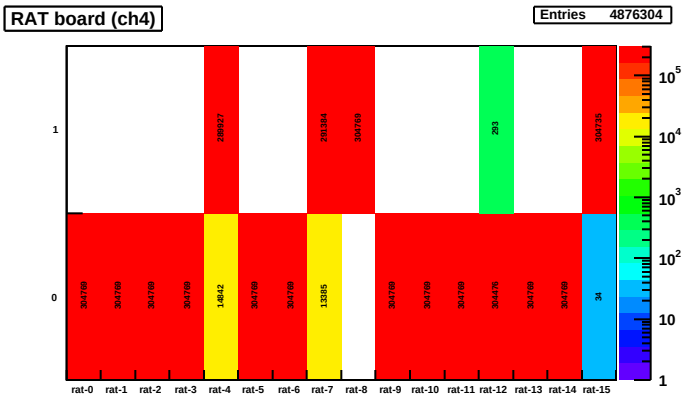

Hybrid Jet Patches
Entries 609538
JP ADC
JP ID

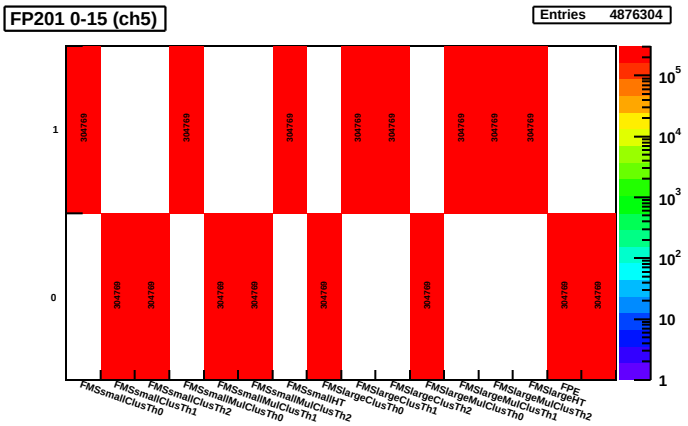

TF201 0-15 (ch0)
Entries 4876304
MTD
ET
ITE
ITW
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFmult4
TOFsector0
TOFsector1
TOFsector2
TOFsector3
TOFsector4
TOFsector5

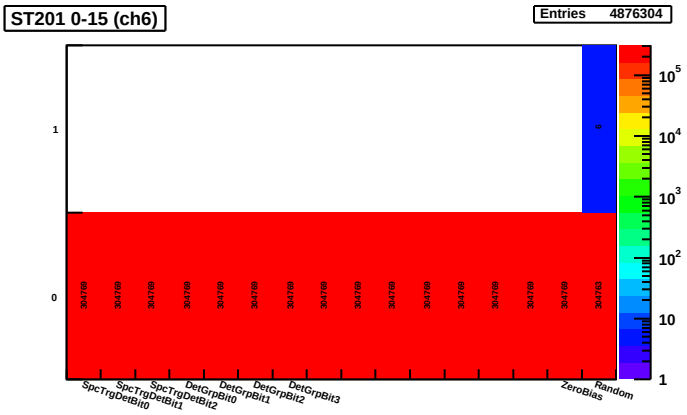

VT201 0-15 (ch1)
Entries 4876304
BBC-TAC
BBC-E
BBC-W
BBC-L-TAC
BBC-L-E
BBC-L-W
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
Minimum-Bias
Atomcules
VPD-TAC
VPD-E
VPD-W

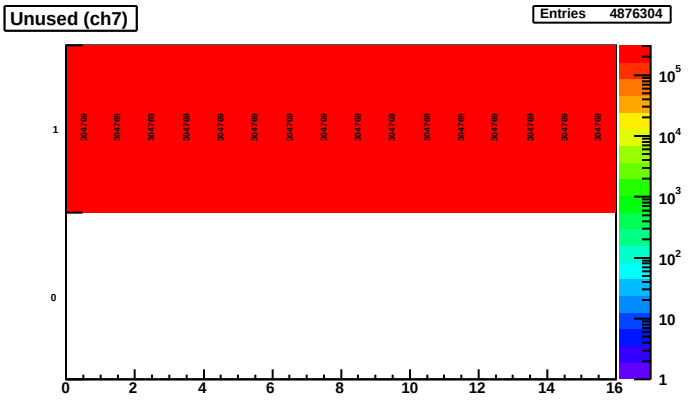

Unused (ch2)
Entries 4876304

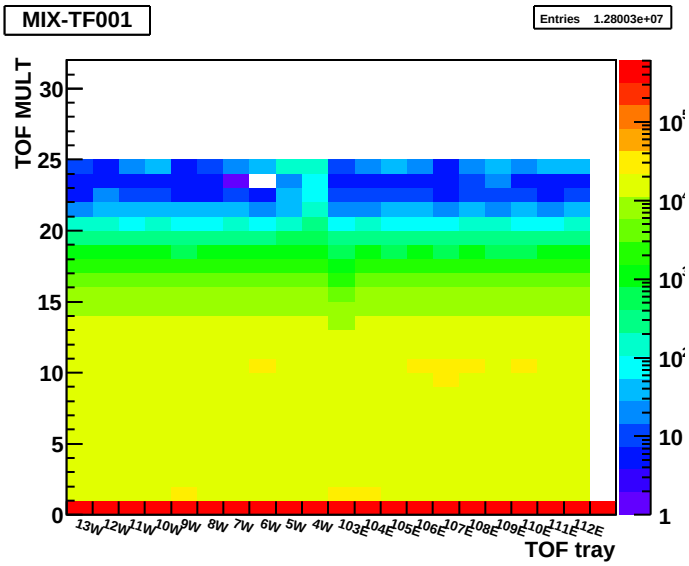

EM201 0-15 (ch3)
Entries 4876304
BHT0
BHT1
BHT2
BHT3
EHT2
EHT4
JP1
JP2
BJP1
BJP2
EJP1
EJP2
AJP
BAJP
EAJP

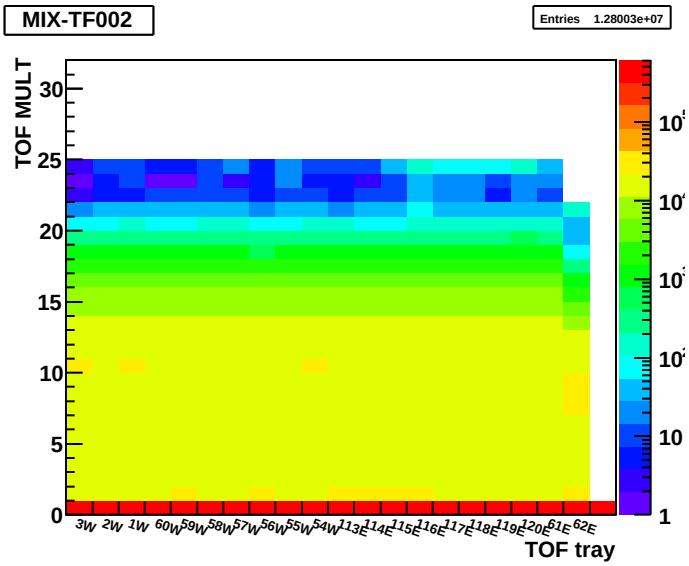

RAT board (ch4)
Entries 4876304
rat-0
rat-1
rat-2
rat-3
rat-4
rat-5
rat-6
rat-7
rat-8
rat-9
rat-10
rat-11
rat-12
rat-13
rat-14
rat-15

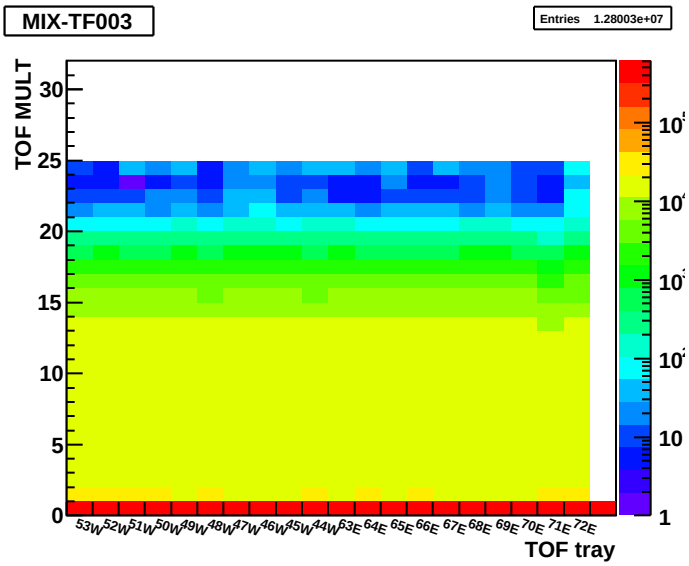

FP201 0-15 (ch5)
Entries 4876304
FMSsmallClusTh0
FMSsmallClusTh1
FMSsmallClusTh2
FMSsmallMulClusTh0
FMSsmallMulClusTh1
FMSsmallMulClusTh2
FMSsmallHT
FMSlargeClusTh0
FMSlargeClusTh1
FMSlargeClusTh2
FMSlargeMulClusTh0
FMSlargeMulClusTh1
FMSlargeMulClusTh2
FMSlargeHT
FPE

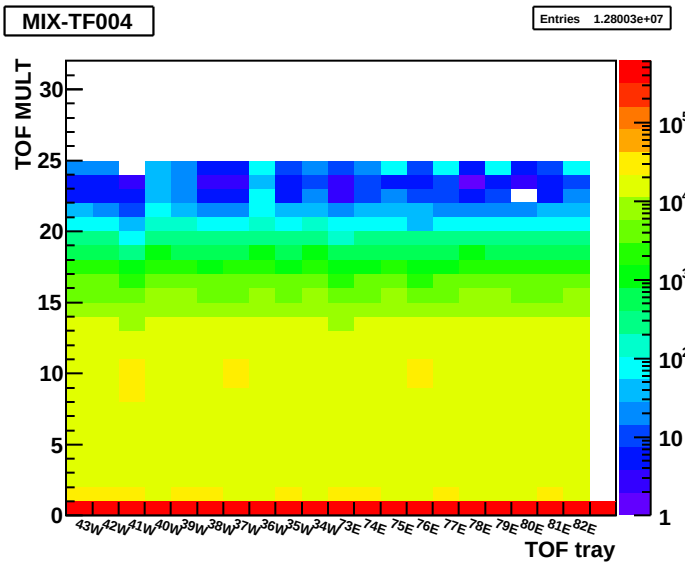

ST201 0-15 (ch6)
Entries 4876304
SpcTrgDetBit0
SpcTrgDetBit1
SpcTrgDetBit2
DetCrpBit0
DetCrpBit1
DetCrpBit2
DetCrpBit3
ZeroBias
Random

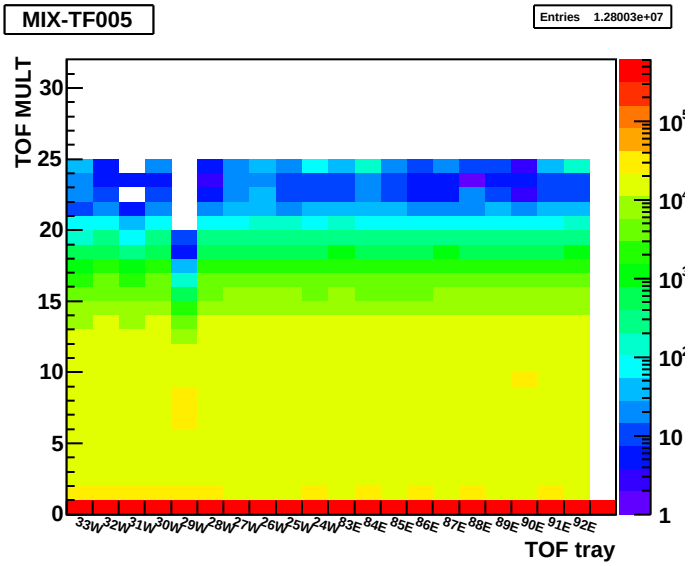

Unused (ch7)
Entries 4876304

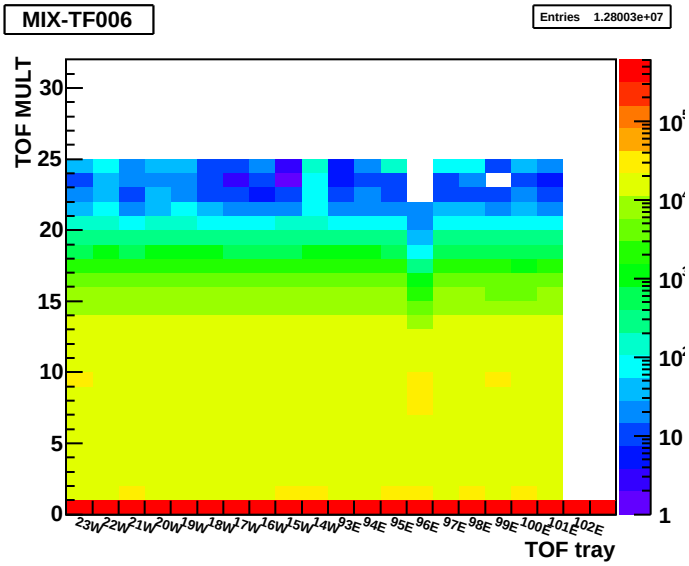

MIX-TF001
Entries 1.28003e+07
TOF MULT
TOF tray

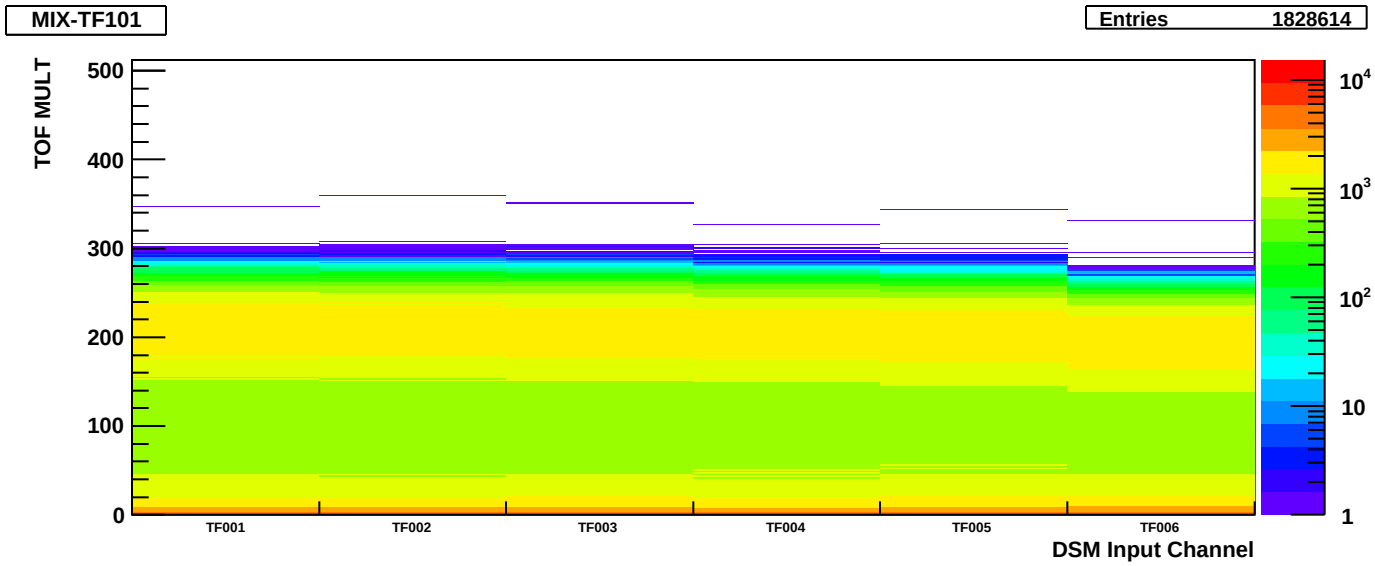

MIX-TF002
Entries 1.28003e+07
TOF MULT
TOF tray

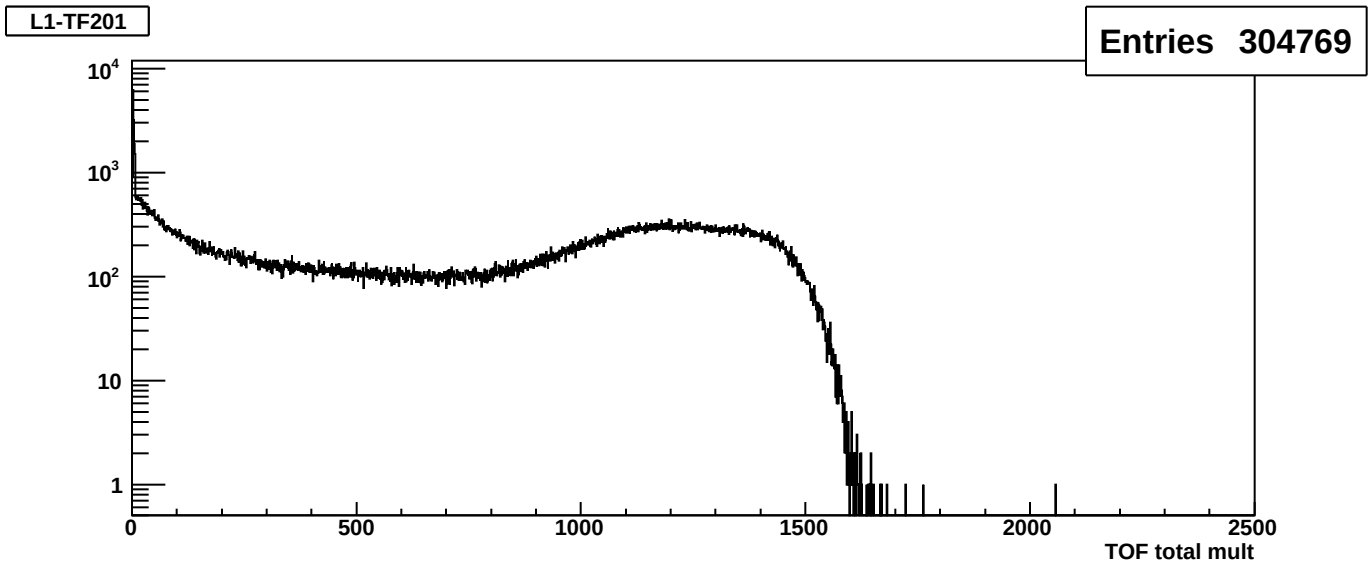

MIX-TF003
Entries 1.28003e+07
TOF MULT
TOF tray

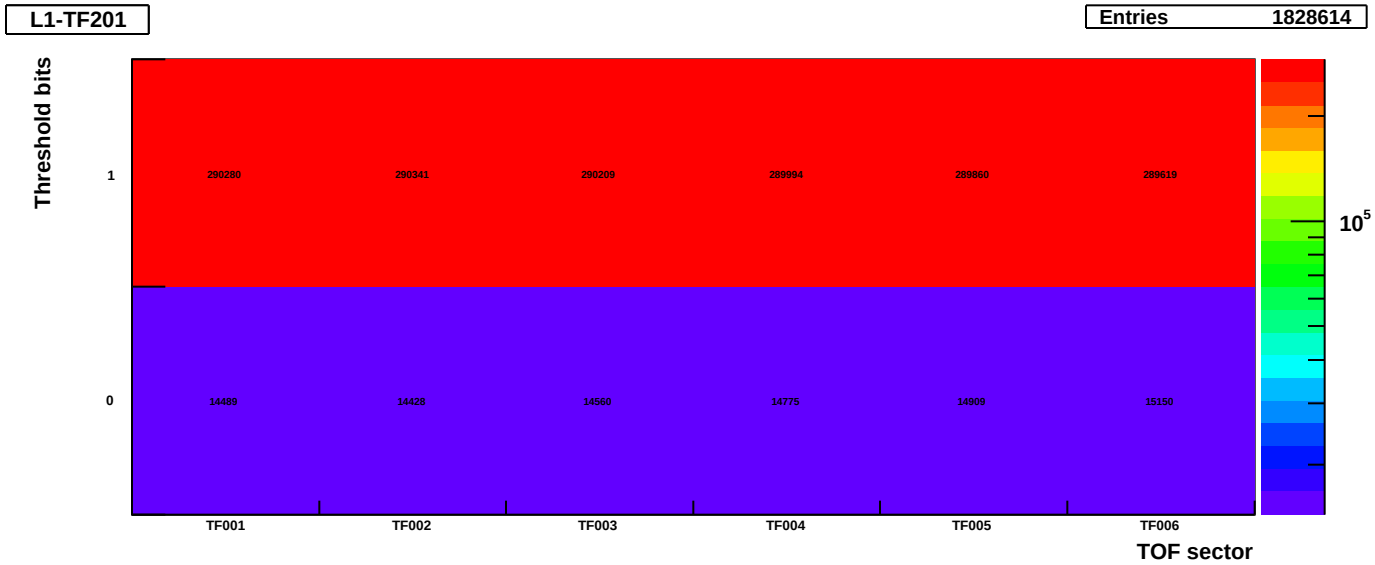

MIX-TF004
Entries 1.28003e+07
TOF MULT
TOF tray

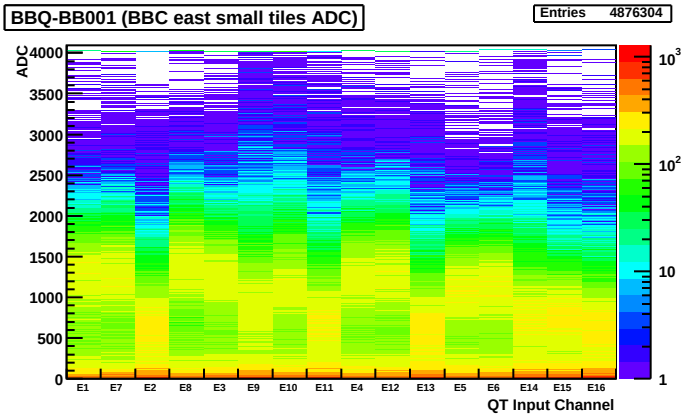

MIX-TF005
Entries 1.28003e+07
TOF MULT
TOF tray

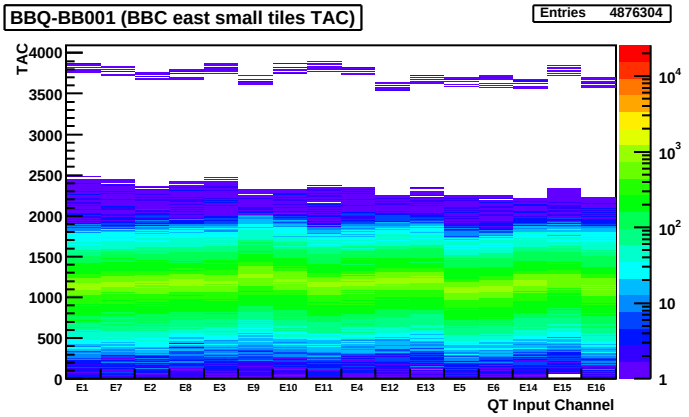

MIX-TF006
Entries 1.28003e+07
TOF MULT
TOF tray

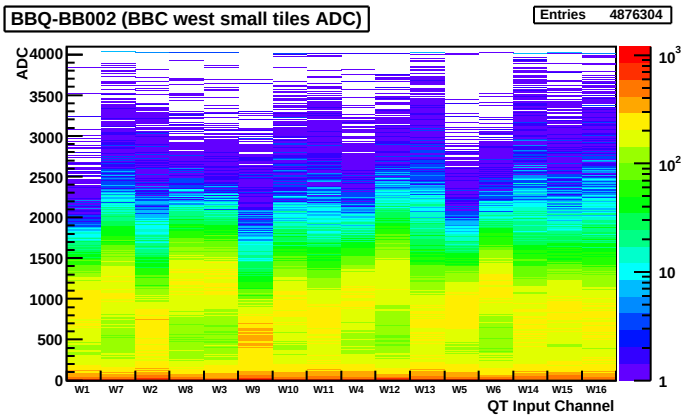

MIX-TF101
Entries 1828614
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^4
10^3
10^2
10
1

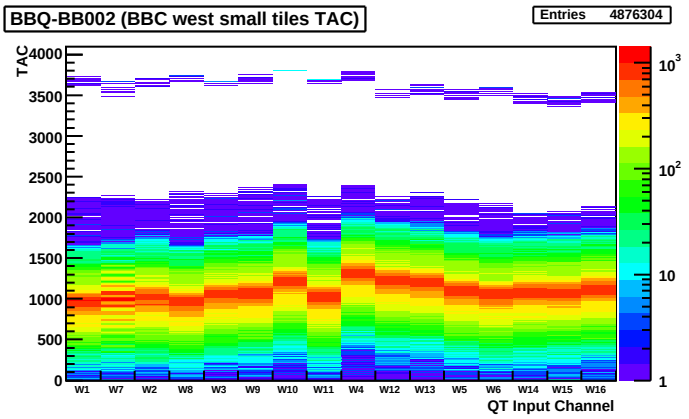

L1-TF201
Entries 304769
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

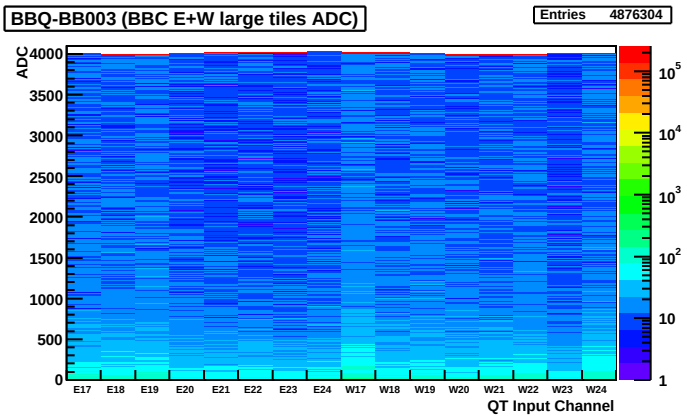

L1-TF201
Entries 1828614
Threshold bits
1
0
290280
290341
290209
289994
289860
289619
14489
14428
14560
14775
14909
15150
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^5

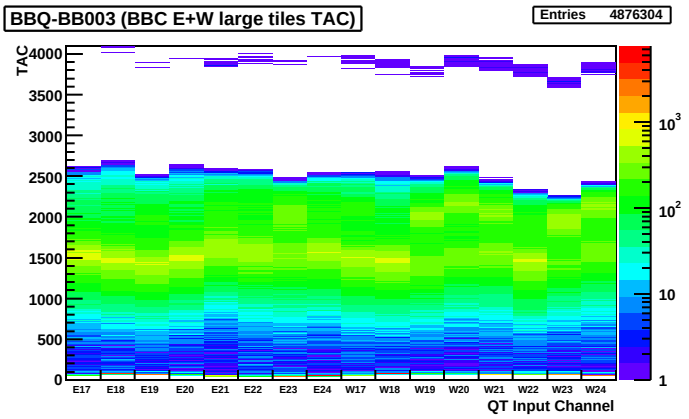

BBQ-BB001 (BBC east small tiles ADC)
Entries 4876304
ADC
QT Input Channel

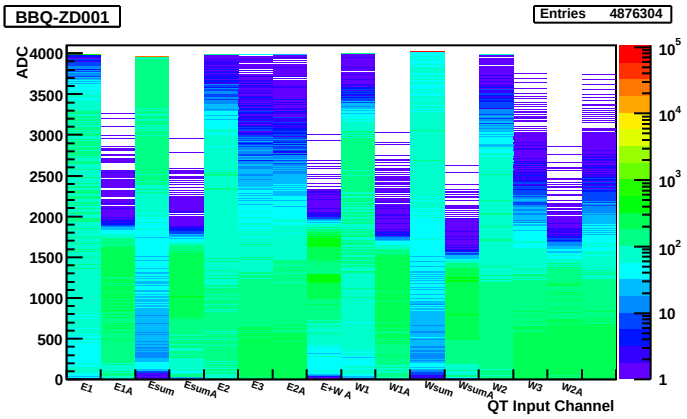

BBQ-BB001 (BBC east small tiles TAC)
Entries 4876304
TAC
QT Input Channel

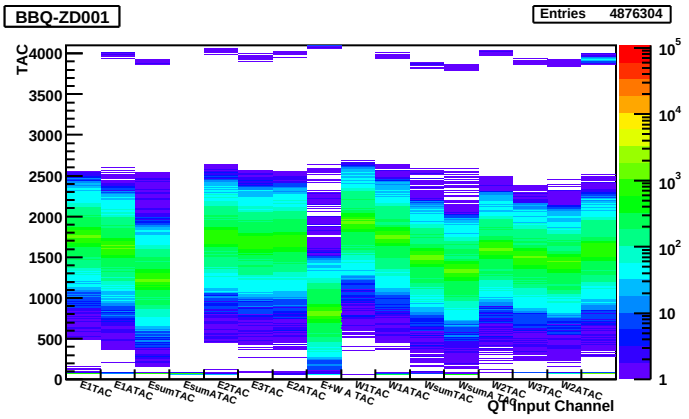

BBQ-BB002 (BBC west small tiles ADC)
Entries 4876304
ADC
QT Input Channel

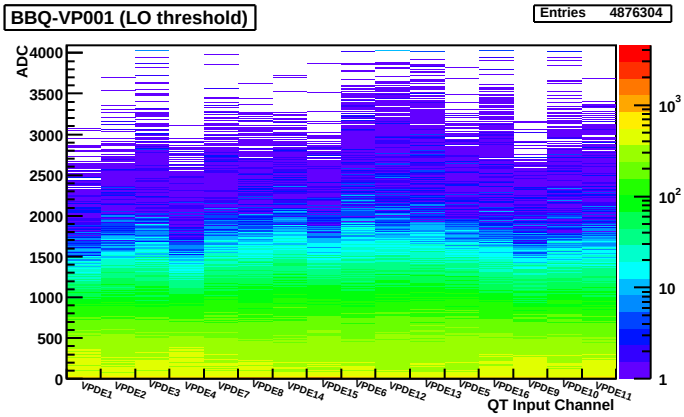

BBQ-BB002 (BBC west small tiles TAC)
Entries 4876304
TAC
QT Input Channel

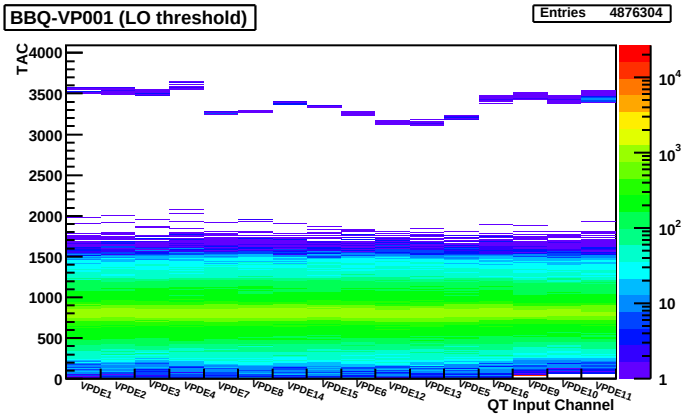

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4876304
ADC
QT Input Channel

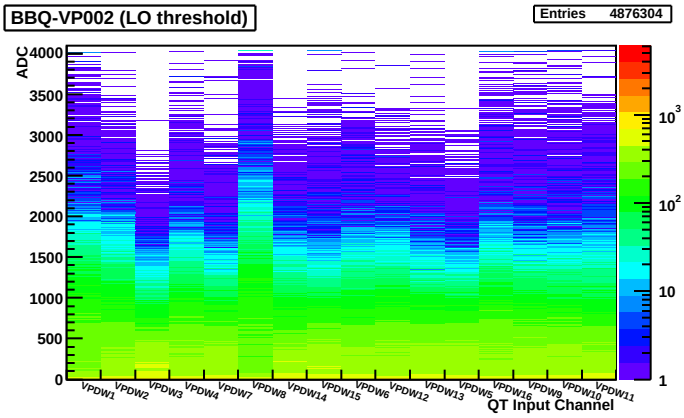

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4876304
TAC
QT Input Channel

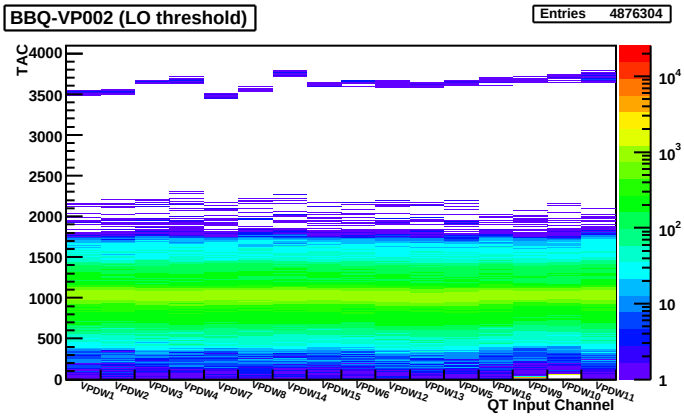

BBQ-ZD001
Entries 4876304
ADC
QT Input Channel

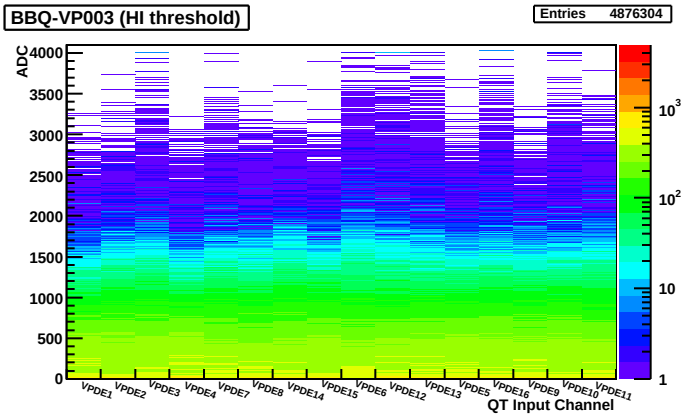

BBQ-ZD001
Entries 4876304
TAC
QT Input Channel

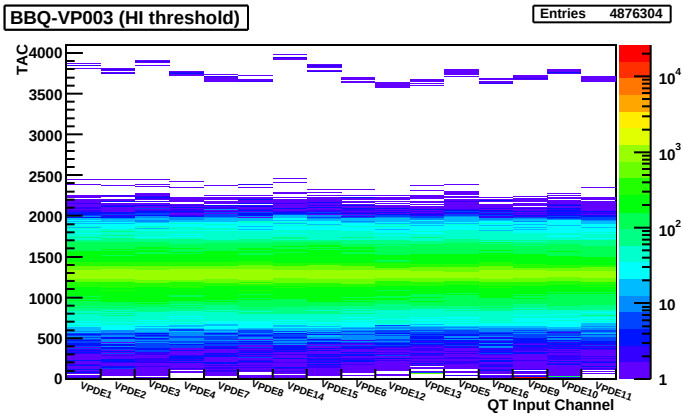

BBQ-VP001 (LO threshold)
Entries 4876304
ADC
QT Input Channel

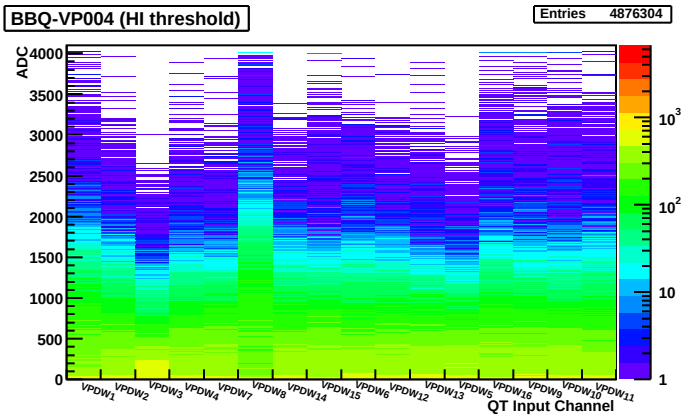

BBQ-VP001 (LO threshold)
Entries 4876304
TAC
QT Input Channel

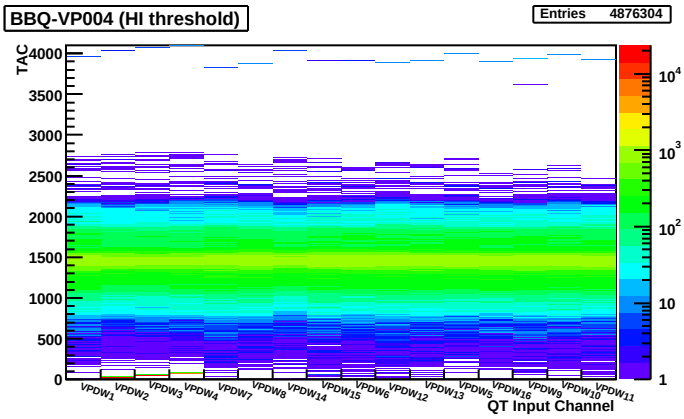

BBQ-VP002 (LO threshold)
Entries 4876304
ADC
QT Input Channel


BBQ-VP002 (LO threshold)
Entries 4876304
TAC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 4876304
ADC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 4876304
TAC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 4876304
ADC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 4876304
TAC
QT Input Channel