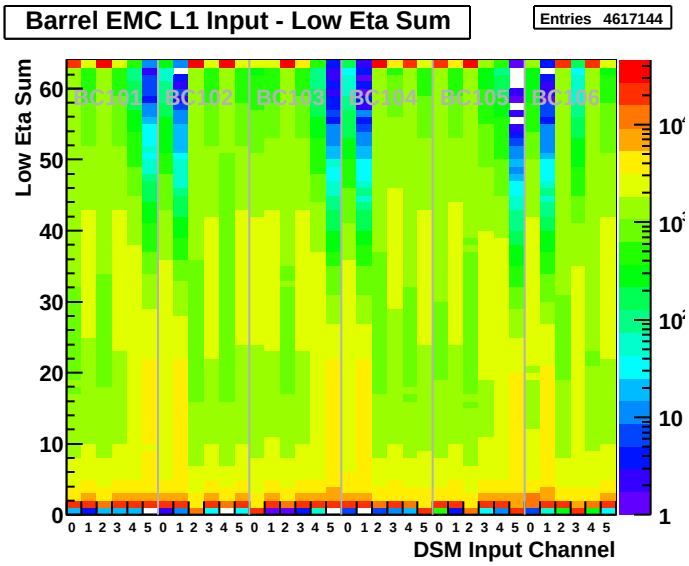
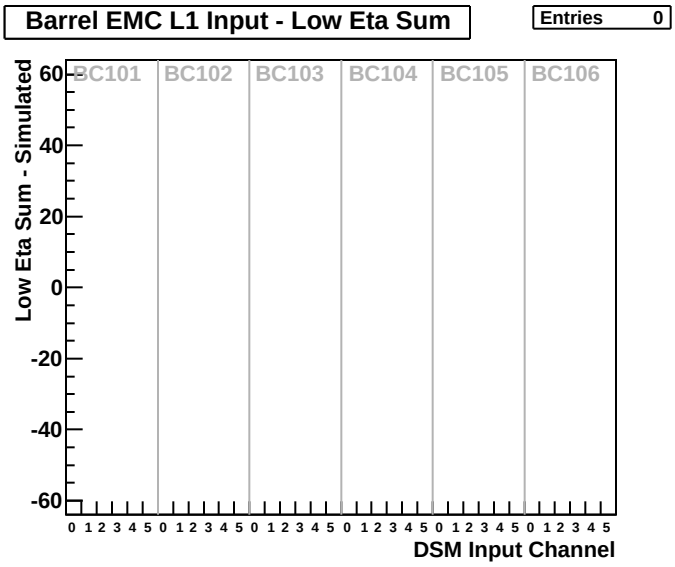
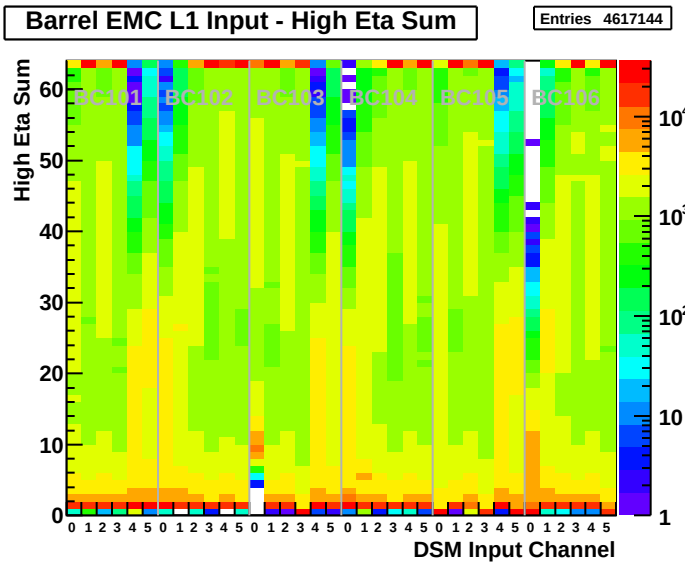
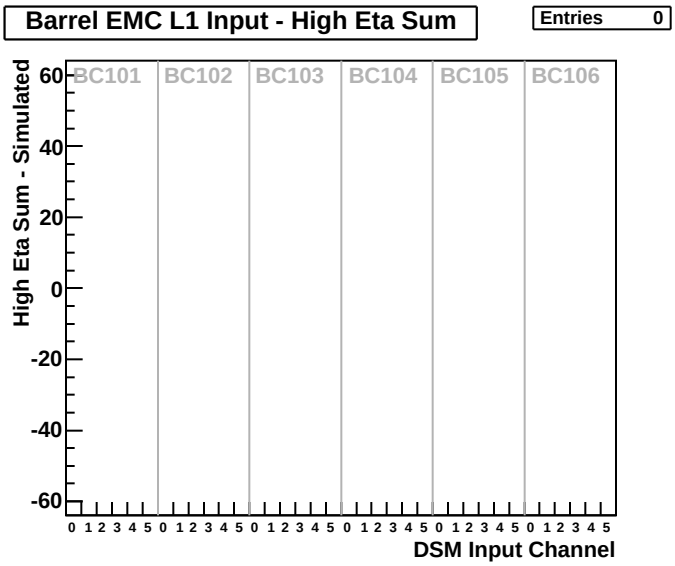
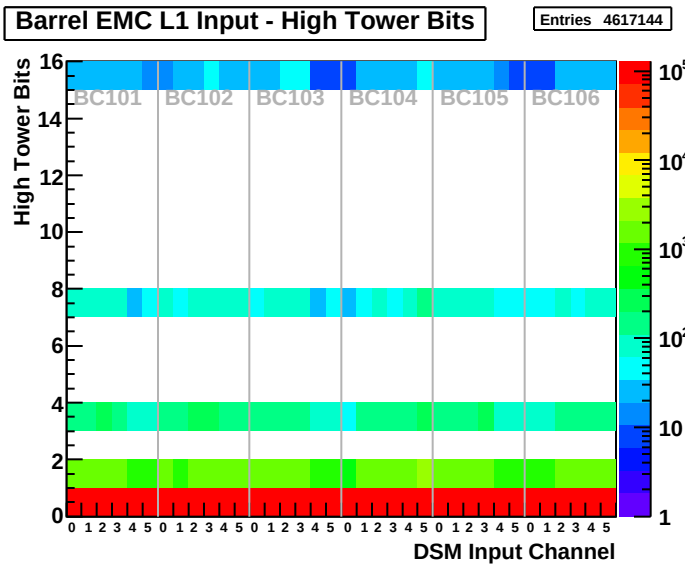
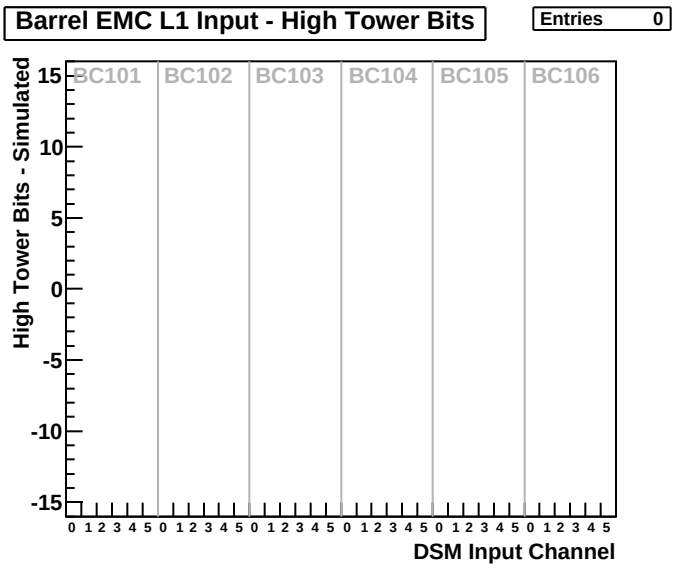

Barrel EMC L1 Input - Low Eta Sum
Entries 4617144
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

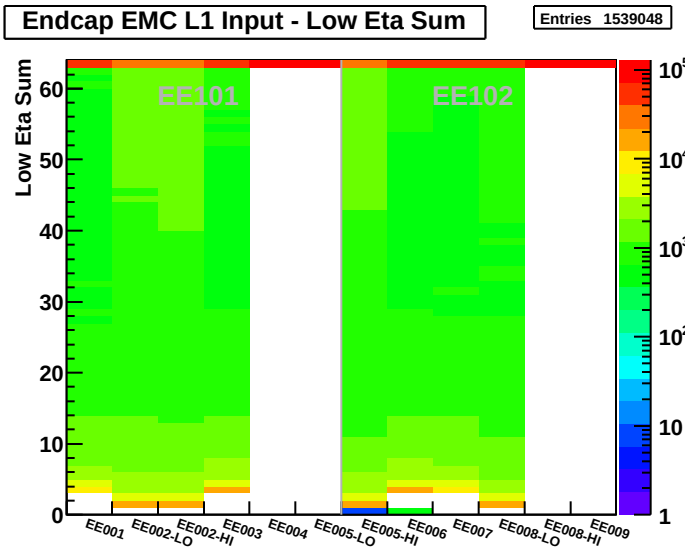

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

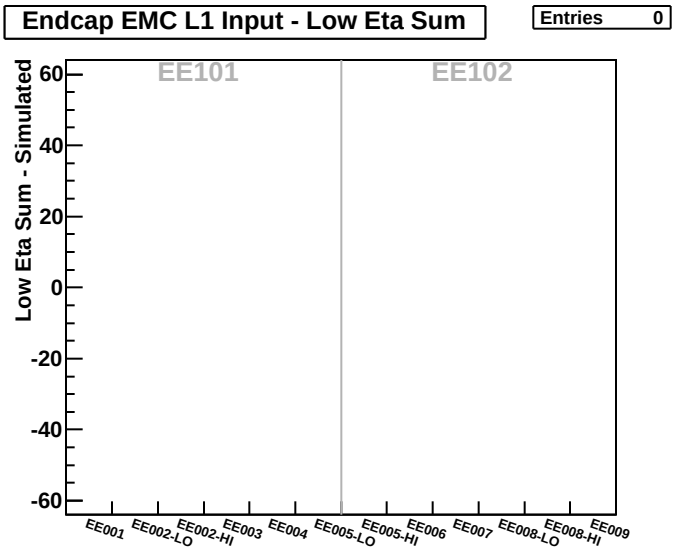

Barrel EMC L1 Input - High Eta Sum
Entries 4617144
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

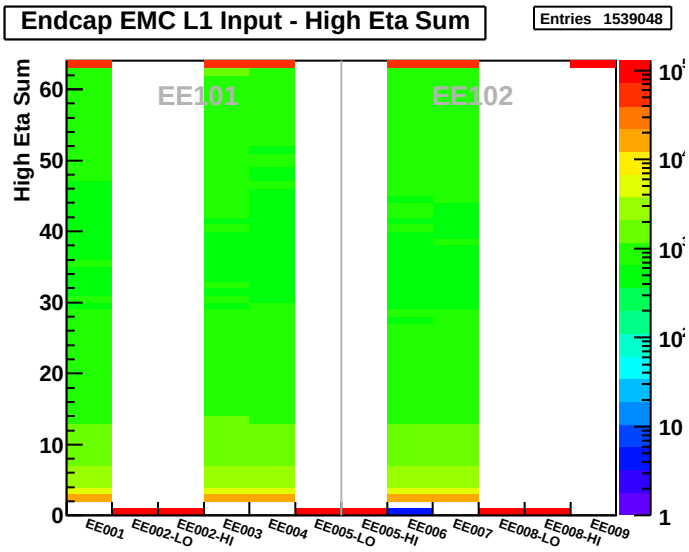

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

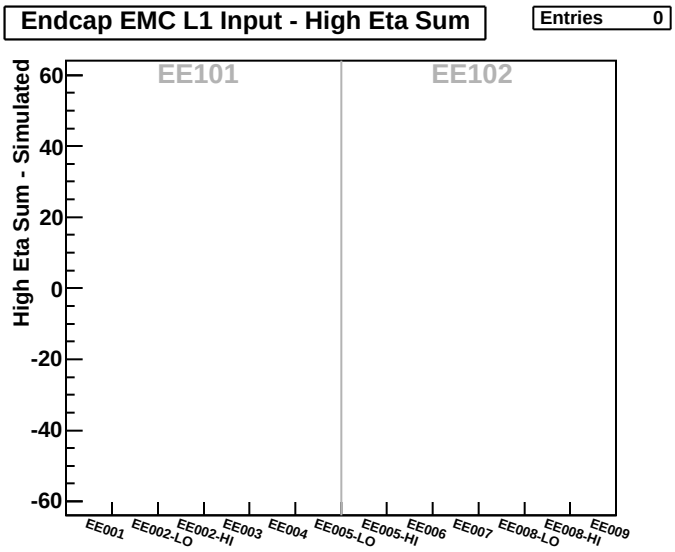

Barrel EMC L1 Input - High Tower Bits
Entries 4617144
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

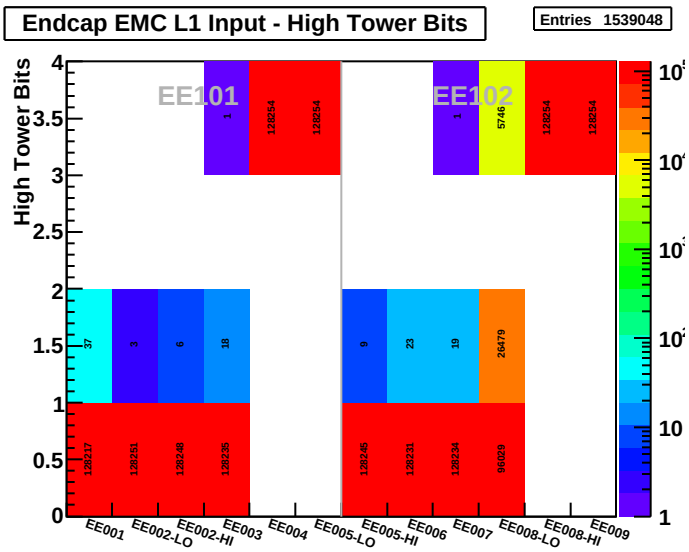

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

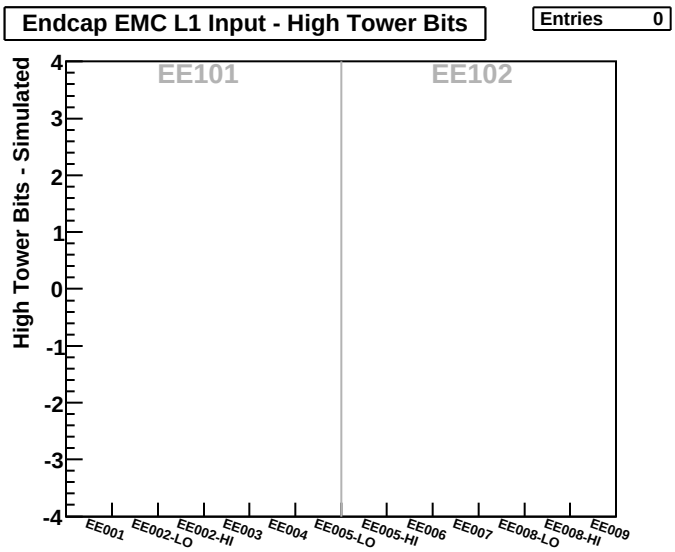

Endcap EMC L1 Input - Low Eta Sum
Entries 1539048
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

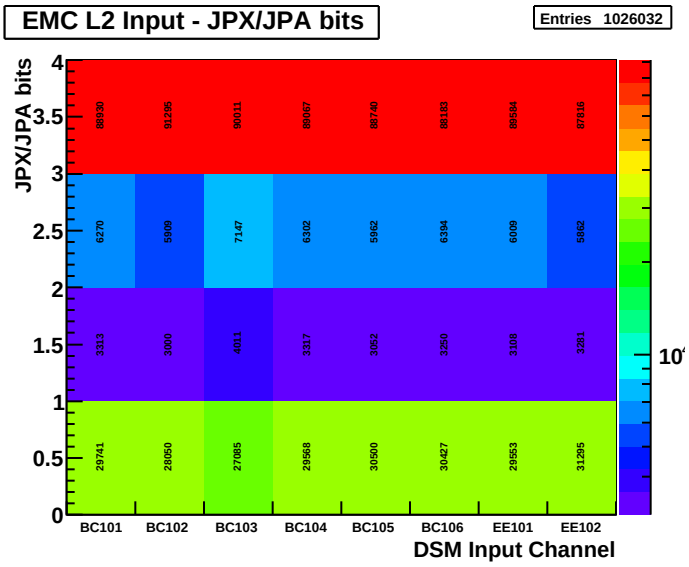

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

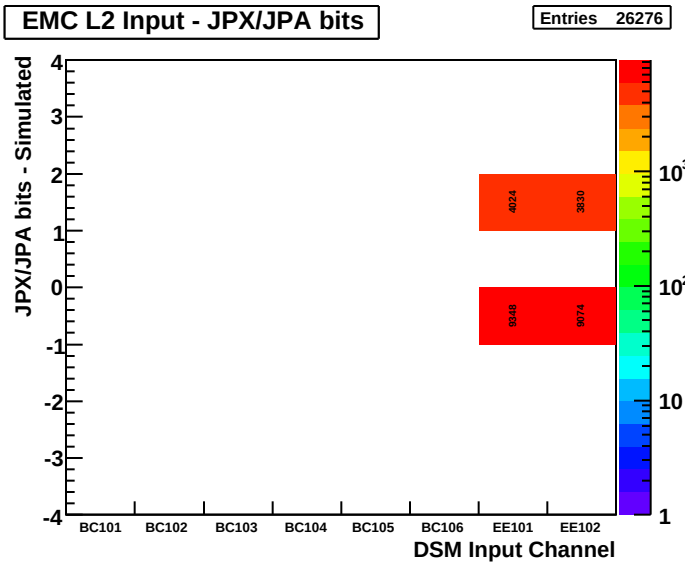

Endcap EMC L1 Input - High Eta Sum
Entries 1539048
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

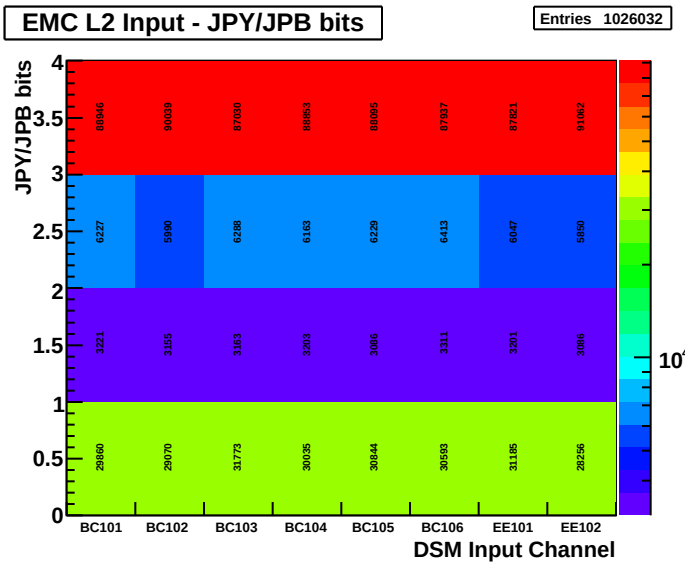

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

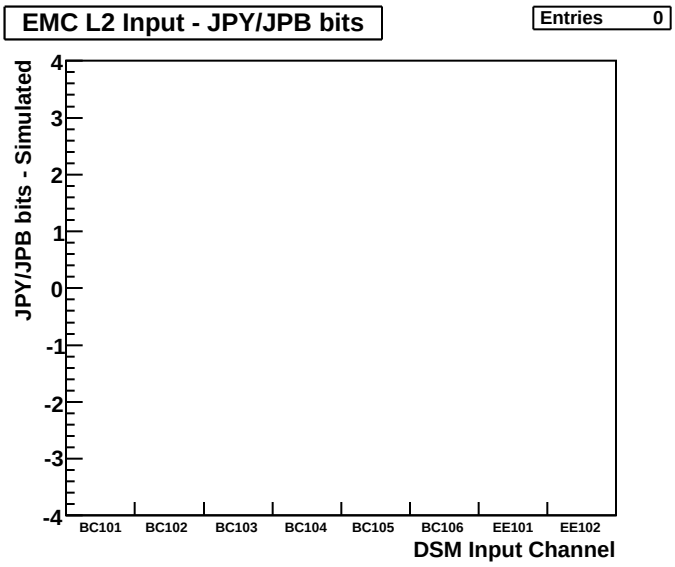

Endcap EMC L1 Input - High Tower Bits
Entries 1539048
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

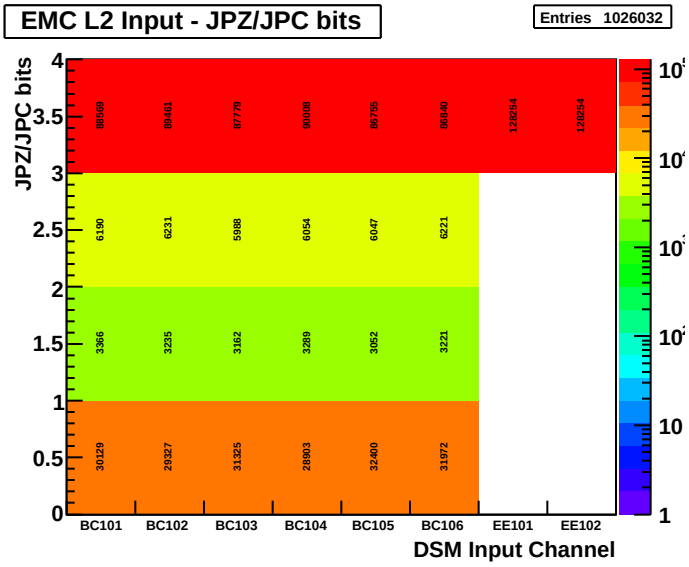

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

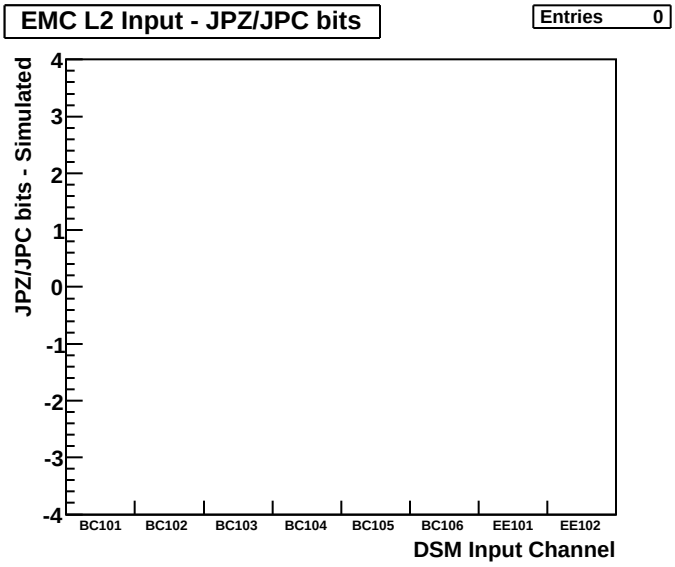

EMC L2 Input - JPX/JPA bits
Entries 1026032
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
88930 91295 90011 89067 88740 88183 89584 87816
6270 5909 7147 6302 5962 6394 6009 5862
3313 3000 4011 3317 3052 3250 3108 3281
29741 28050 27085 29568 30500 30427 29553 31295

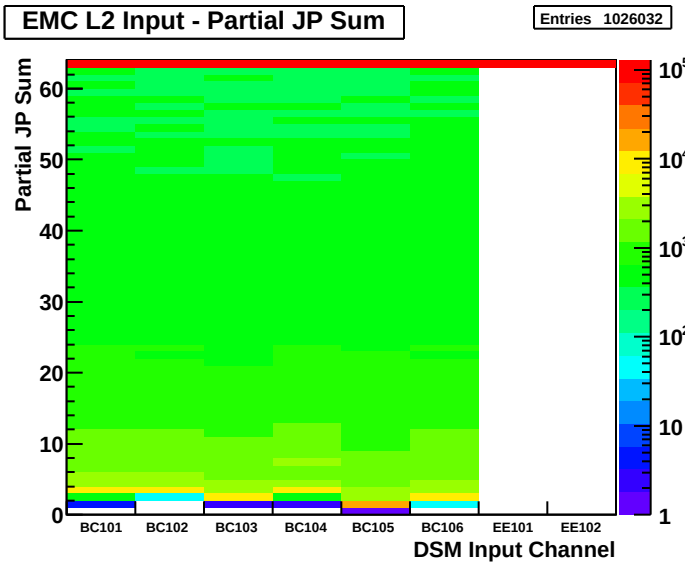

EMC L2 Input - JPX/JPA bits
Entries 26276
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
4024 3830
9348 9074

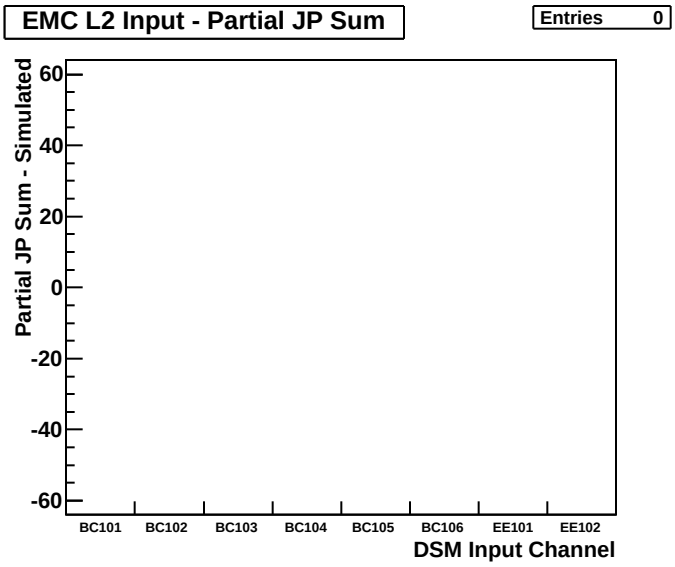

EMC L2 Input - JPY/JPB bits
Entries 1026032
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
88946 90029 87030 88853 88095 87937 87821 91062
6227 5980 6288 6163 6229 6413 6047 5950
3221 3155 3163 3203 3086 3311 3201 3086
29860 29070 31773 30035 30844 30593 31185 28256

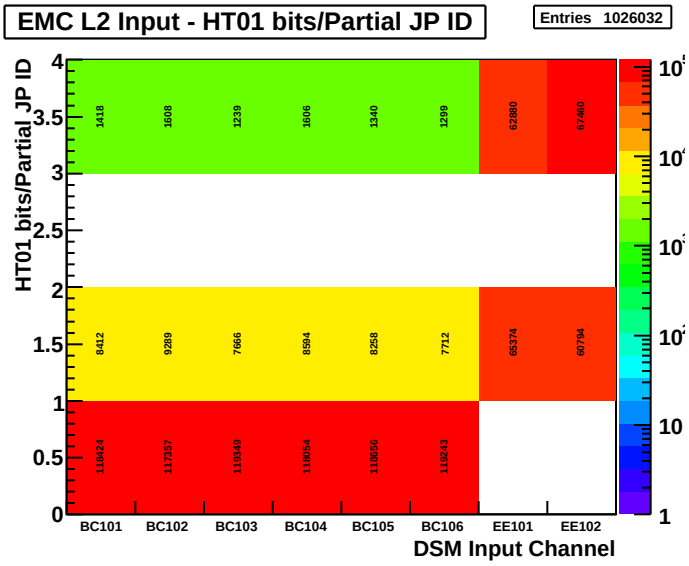

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

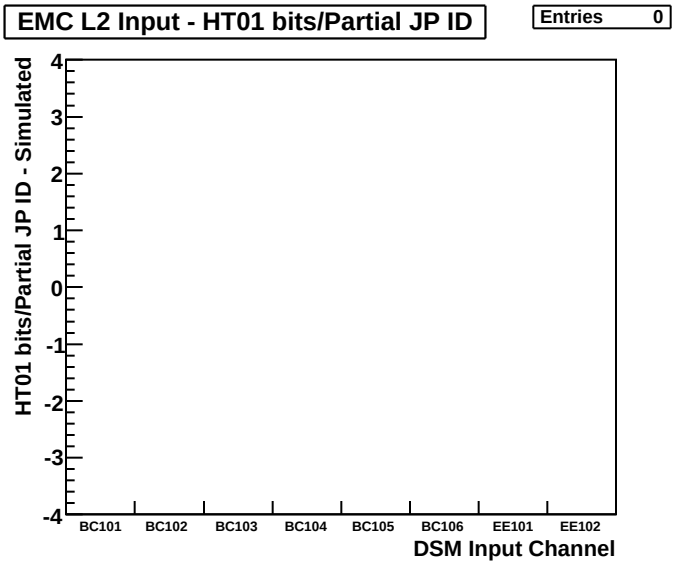

EMC L2 Input - JPZ/JPC bits
Entries 1026032
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
88569 89461 87779 90008 88755 88840 122254 122254
6190 6231 5988 6054 6047 6221
3366 3235 3162 3289 3052 3221
30129 29327 31325 28903 32400 31972

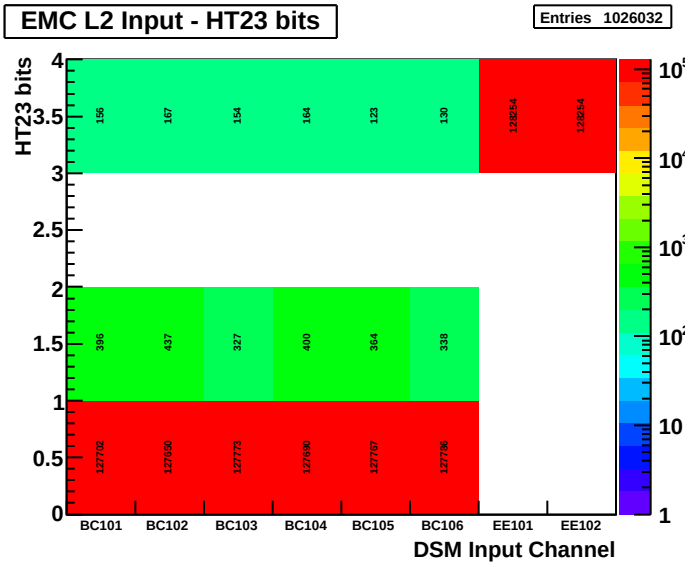

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

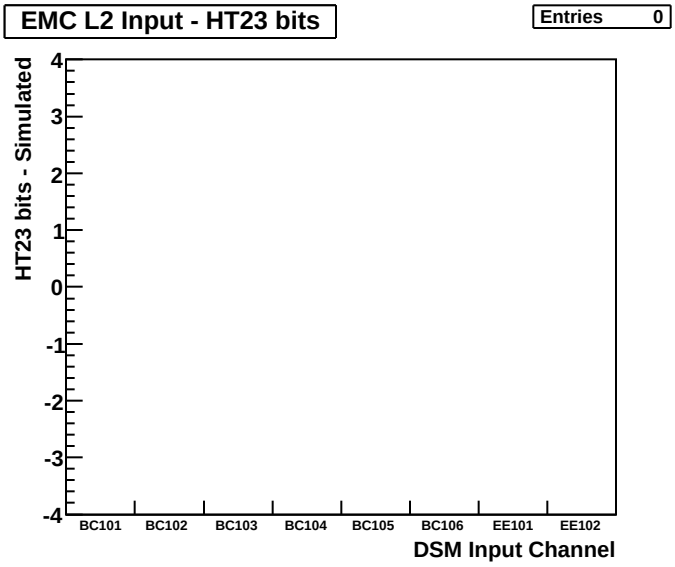

EMC L2 Input - Partial JP Sum
Entries 1026032
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

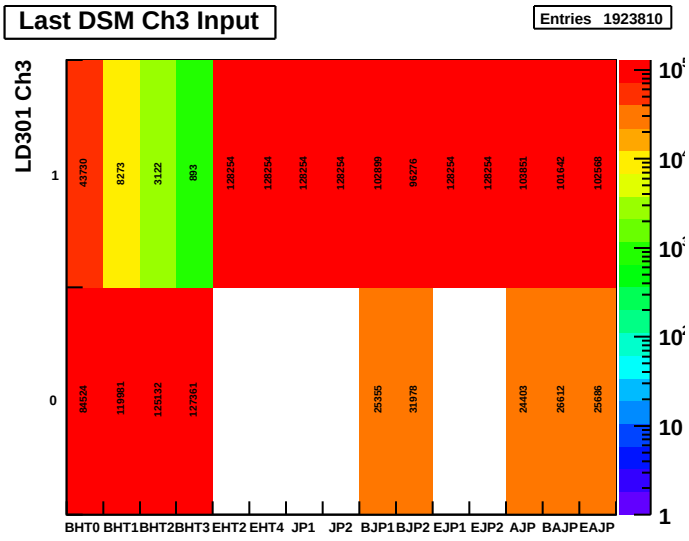

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

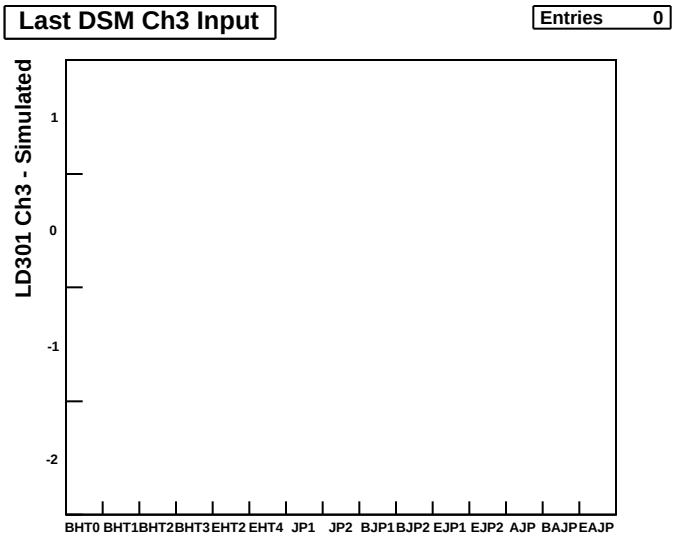

EMC L2 Input - HT01 bits/Partial JP ID
Entries 1026032
HT01 bits/Partial JP ID
1418 1608 1239 1606 1340 1299 62880 67460
8412 9289 7666 8594 8258 7712 65374 60794
118424 117357 119249 118054 118656 119243
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

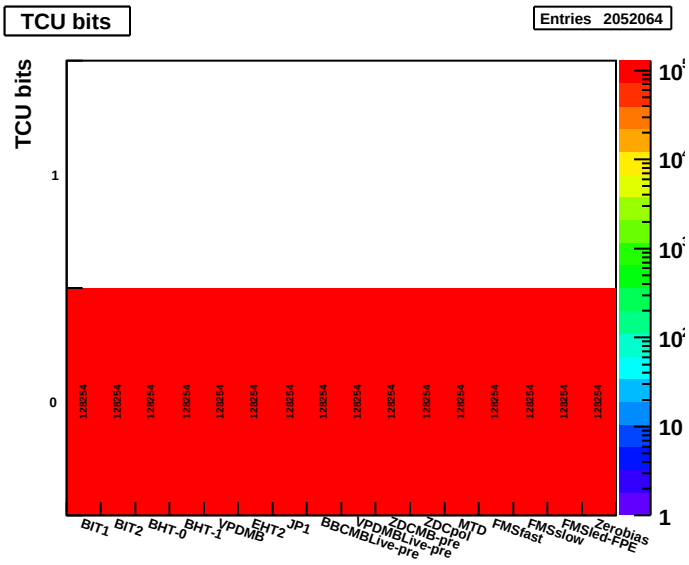

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

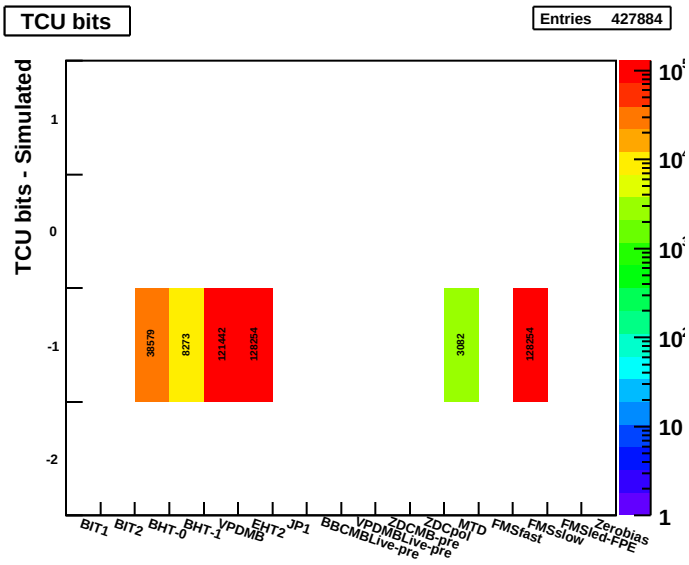

EMC L2 Input - HT23 bits
Entries 1026032
HT23 bits
156 167 154 164 123 130 122254 122254
396 437 327 400 364 338
127702 127650 127773 127690 127767 127786
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

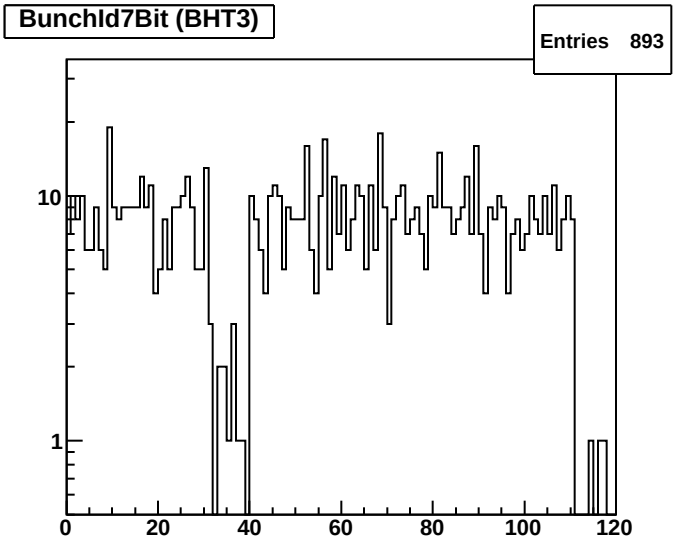

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

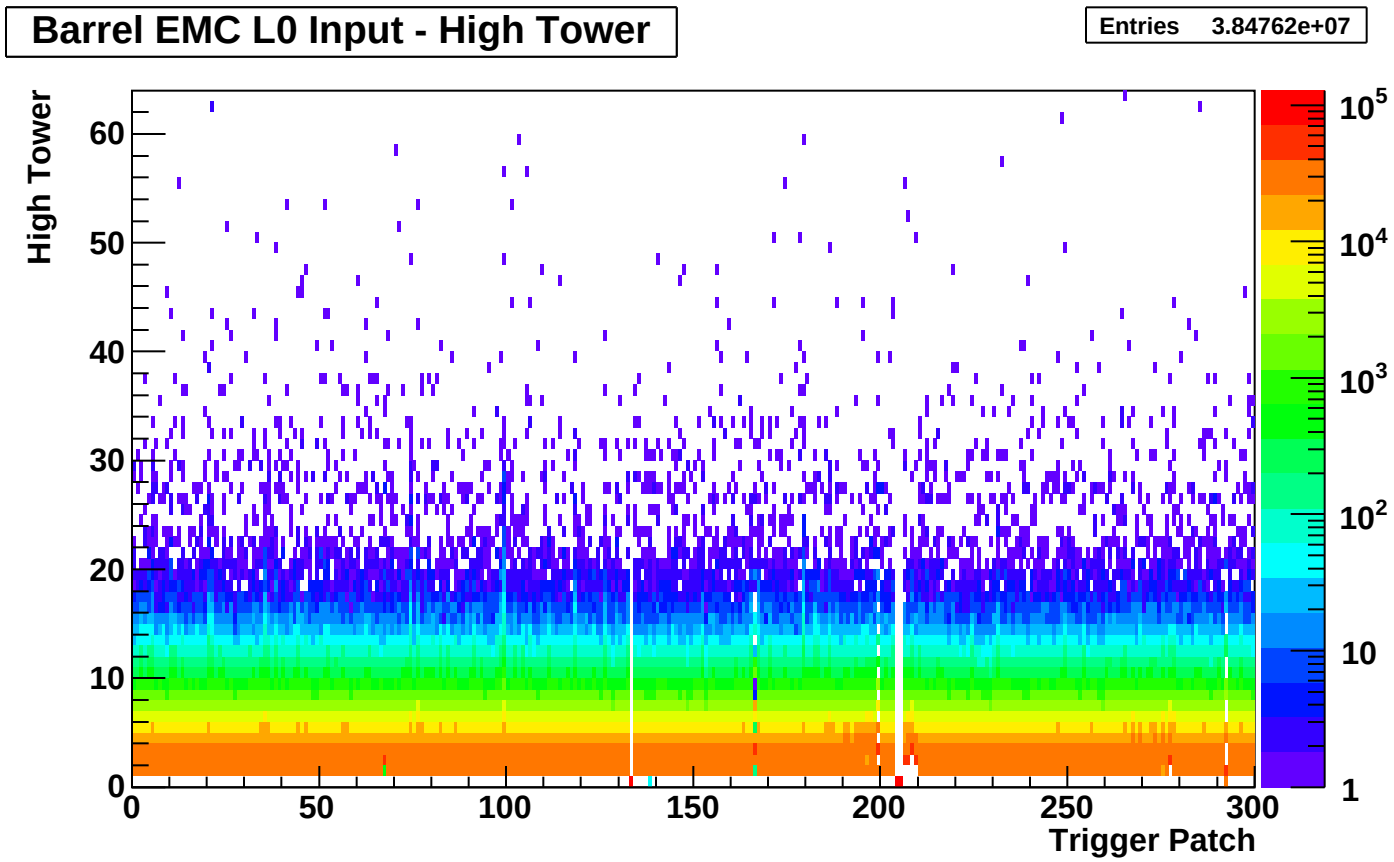

Last DSM Ch3 Input
Entries 1923810
LD301 Ch3
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

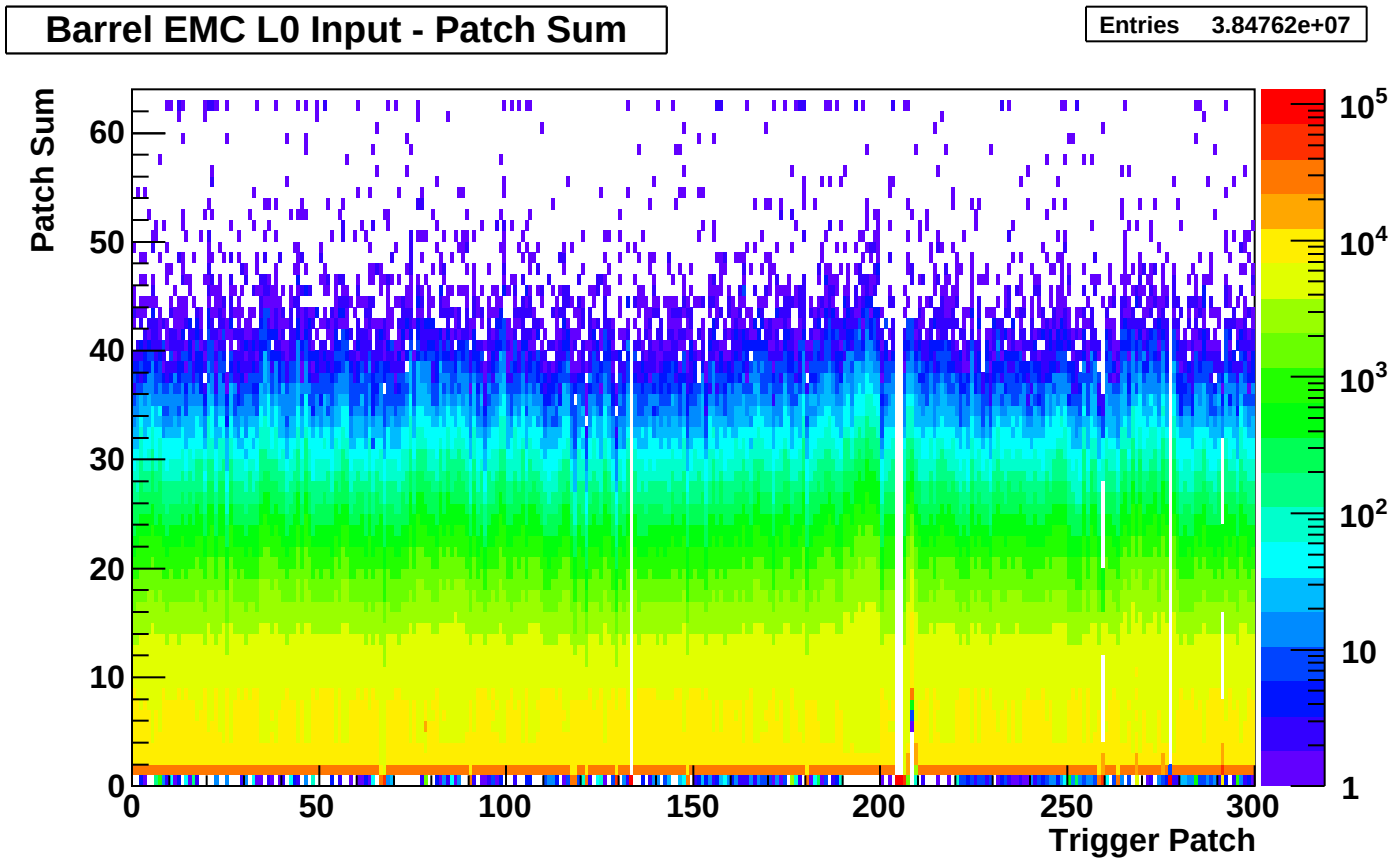

Last DSM Ch3 Input
Entries 0
LD301 Ch3 - Simulated
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

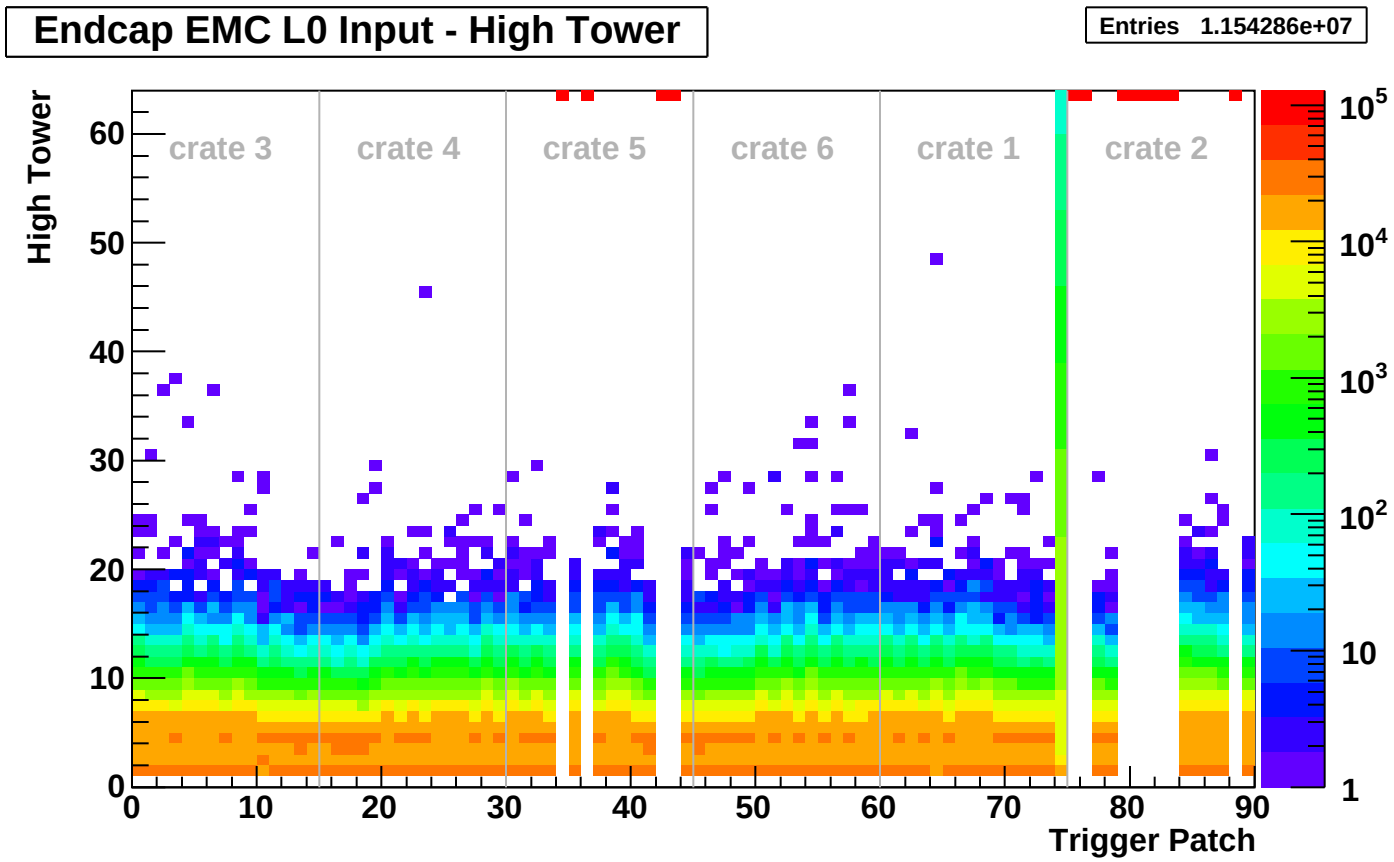

TCU bits
Entries 2052064
TCU bits
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

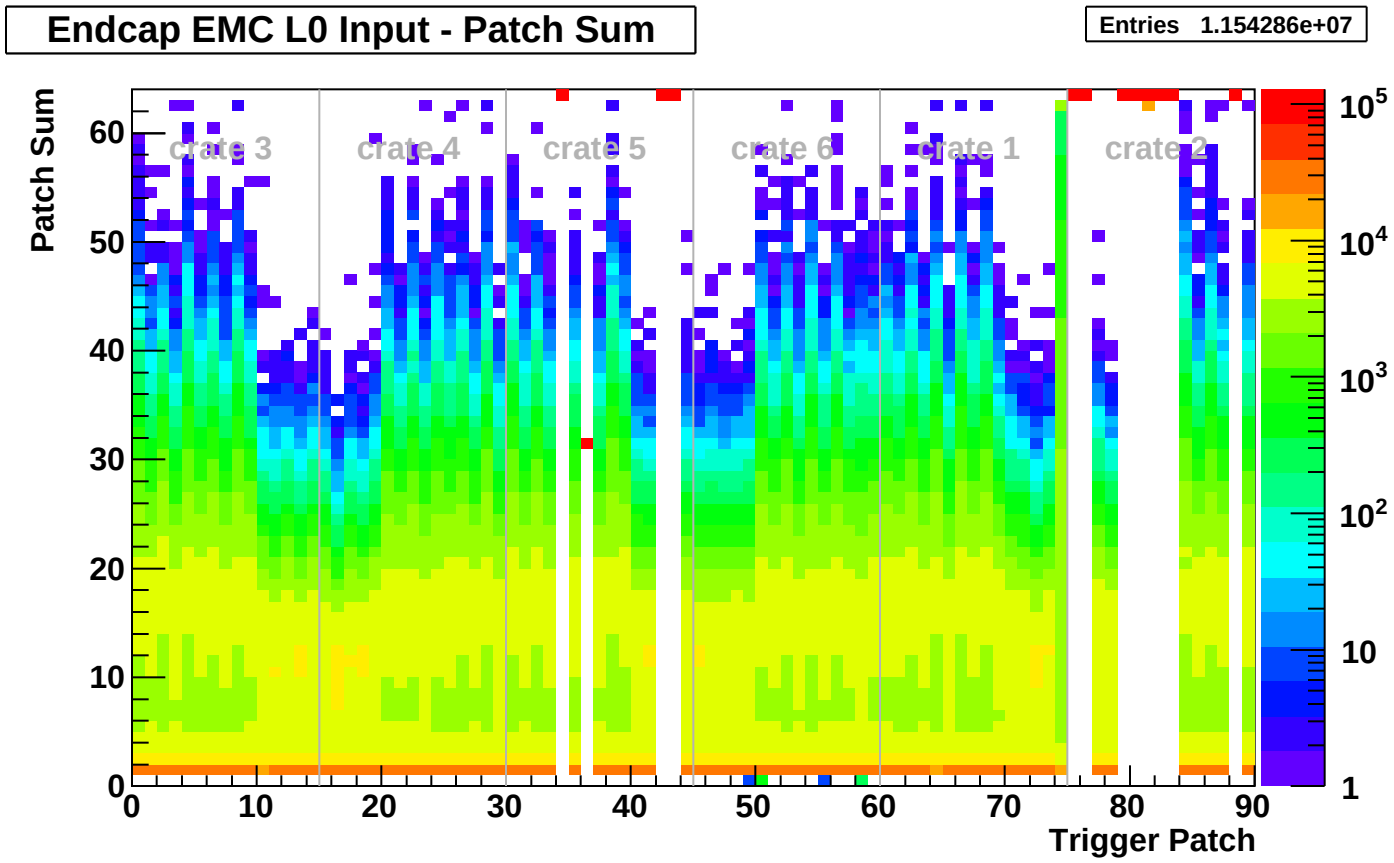

TCU bits
Entries 427884
TCU bits - Simulated
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

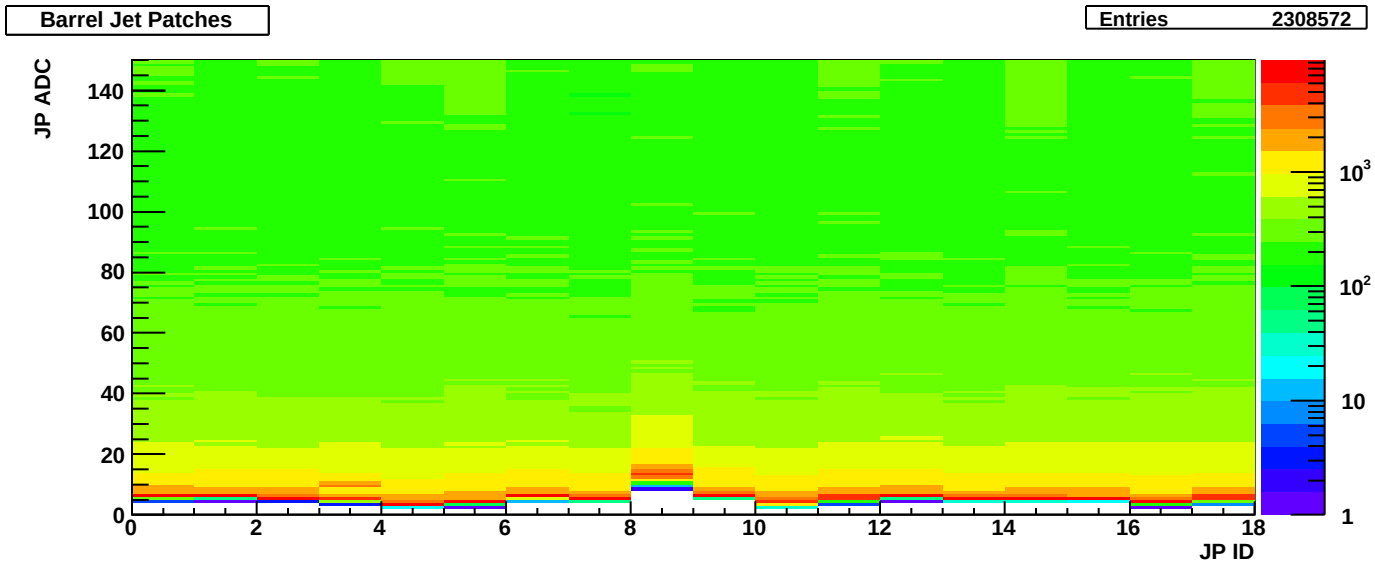

BunchId7Bit (BHT3)
Entries 893

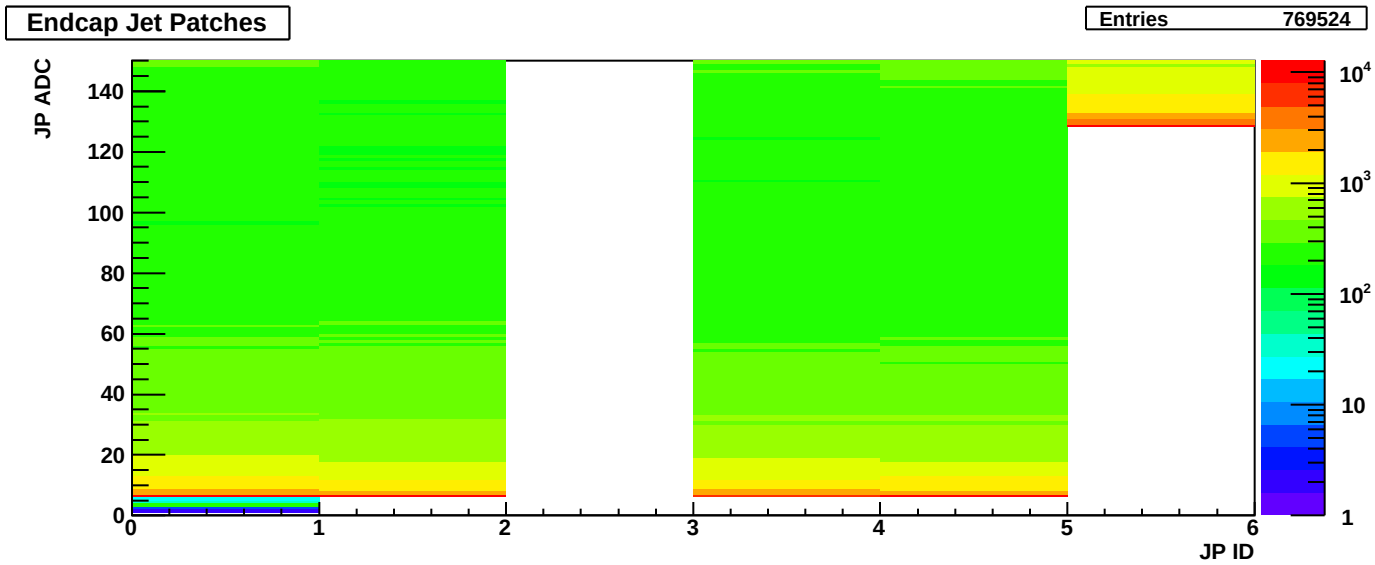

Barrel EMC L0 Input - High Tower
Entries 3.84762e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$

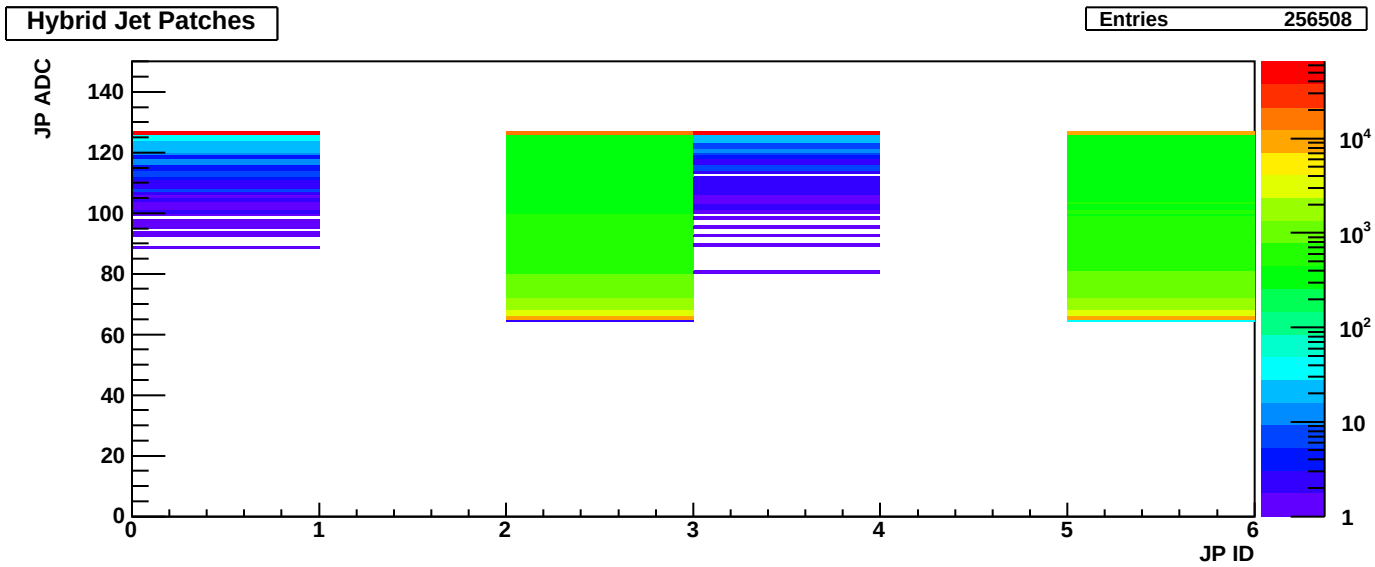

Barrel EMC L0 Input - Patch Sum
Entries 3.84762e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
$10^2$
$10^3$
$10^4$
$10^5$

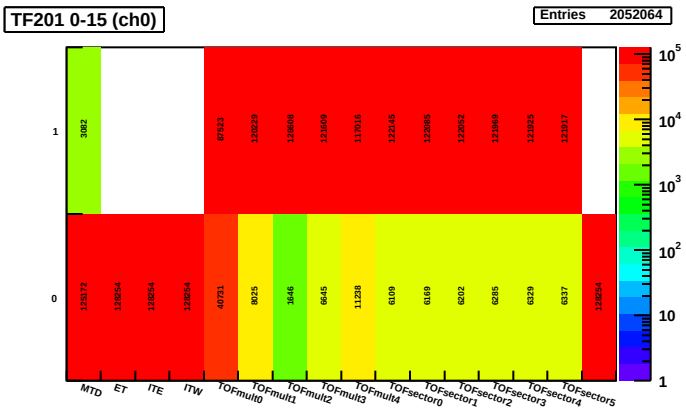

Endcap EMC L0 Input - High Tower
Entries 1.154286e+07
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

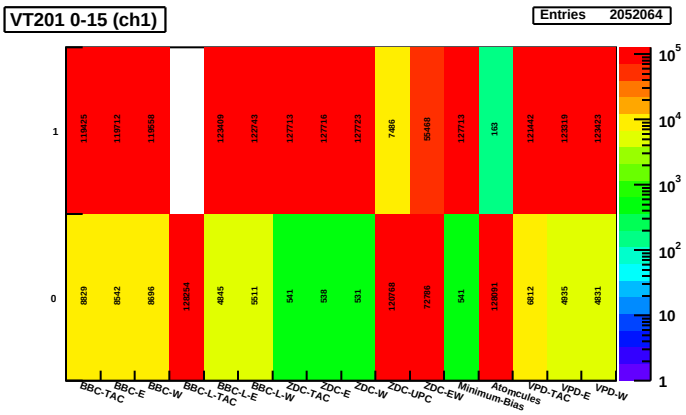

Endcap EMC L0 Input - Patch Sum
Entries 1.154286e+07
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

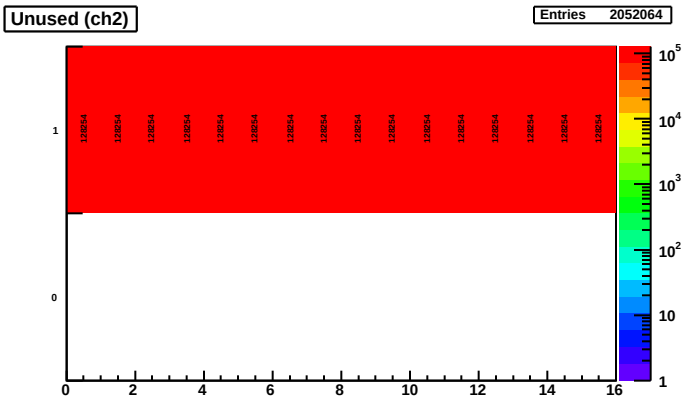

Barrel Jet Patches
Entries 2308572
JP ADC
JP ID

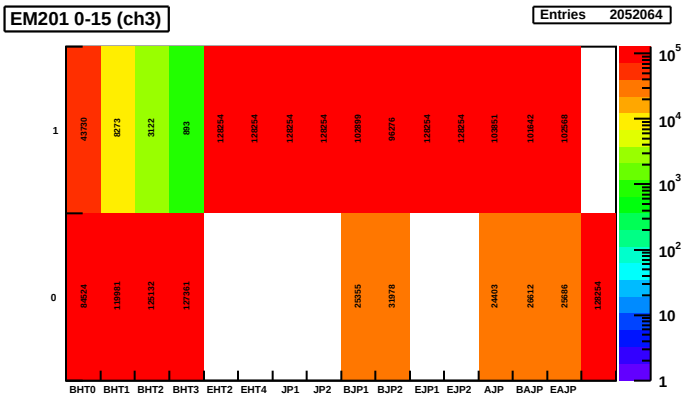

Endcap Jet Patches
Entries 769524
JP ADC
JP ID

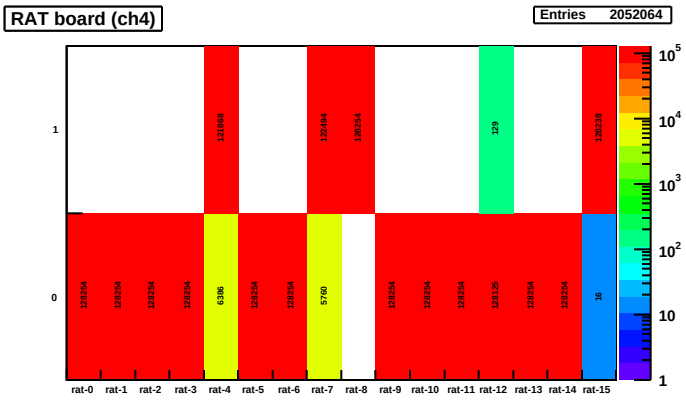

Hybrid Jet Patches
Entries 256508
JP ADC
JP ID

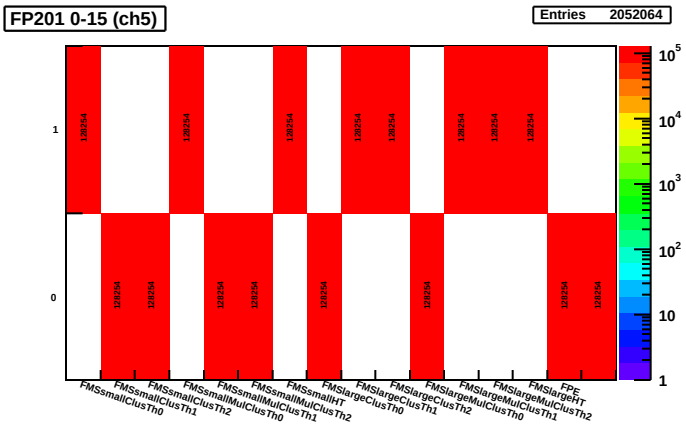

TF201 0-15 (ch0)
Entries 2052064
MTD
ET
ITE
ITW
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFmult4
TOFsector0
TOFsector1
TOFsector2
TOFsector3
TOFsector4
TOFsector5

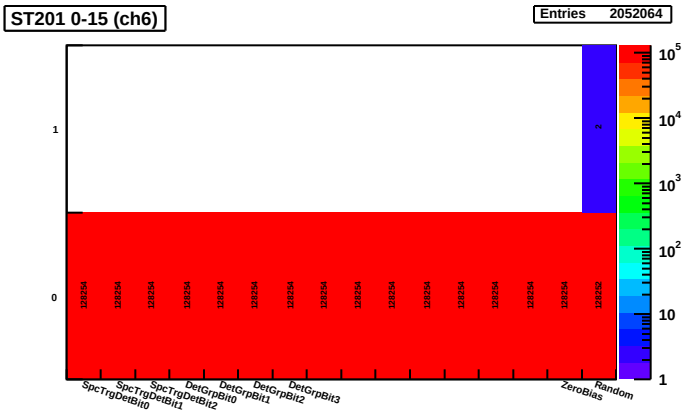

VT201 0-15 (ch1)
Entries 2052064
BBC-TAC
BBC-E
BBC-W
BBC-L-TAC
BBC-L-E
BBC-L-W
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
Minimum-Bias
Atomcules
VPD-TAC
VPD-E
VPD-W

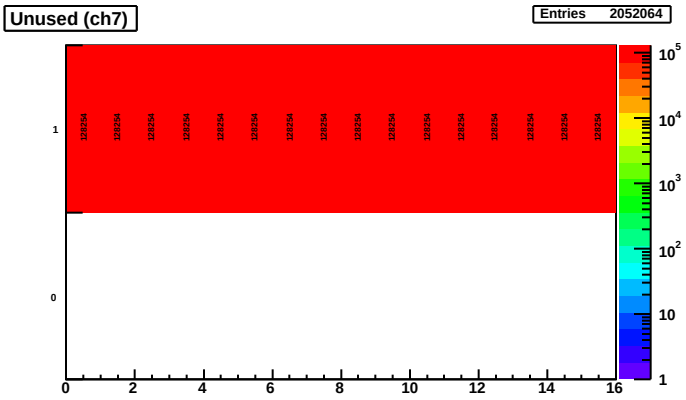

Unused (ch2)
Entries 2052064

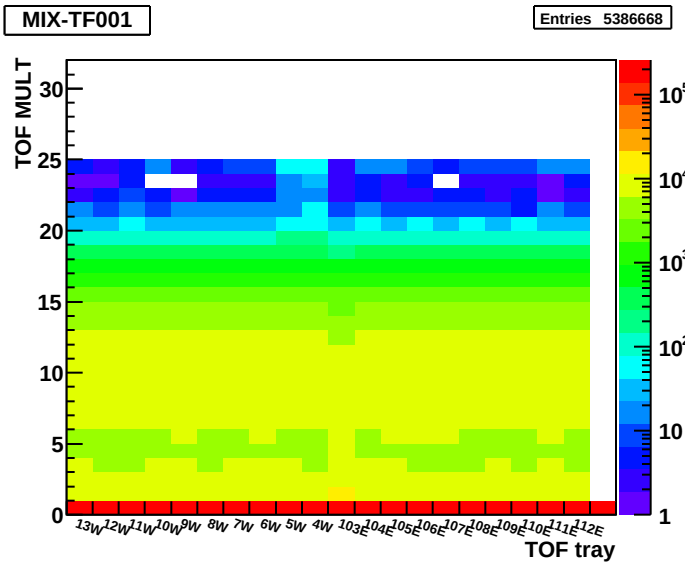

EM201 0-15 (ch3)
Entries 2052064
BHT0
BHT1
BHT2
BHT3
EHT2
EHT4
JP1
JP2
BJP1
BJP2
EJP1
EJP2
AJP
BAJP
EAJP

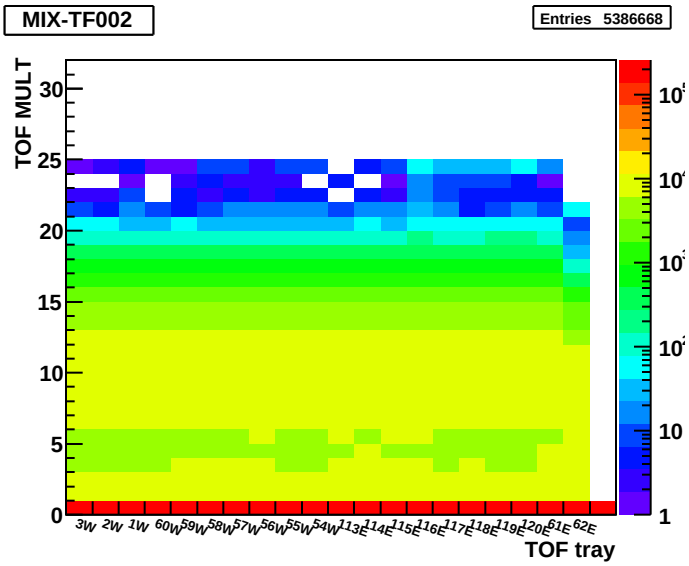

RAT board (ch4)
Entries 2052064
rat-0
rat-1
rat-2
rat-3
rat-4
rat-5
rat-6
rat-7
rat-8
rat-9
rat-10
rat-11
rat-12
rat-13
rat-14
rat-15

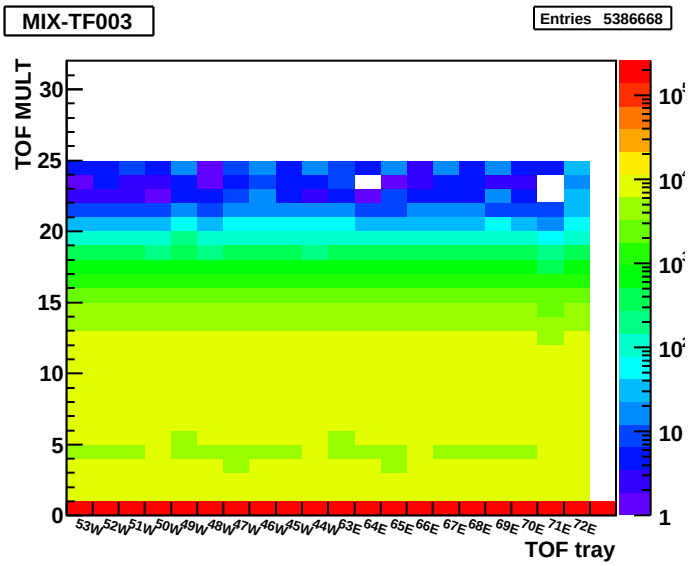

FP201 0-15 (ch5)
Entries 2052064
FMSsmallClusTh0
FMSsmallClusTh1
FMSsmallClusTh2
FMSsmallMulClusTh0
FMSsmallMulClusTh1
FMSsmallMulClusTh2
FMSsmallHT
FMSlargeClusTh0
FMSlargeClusTh1
FMSlargeClusTh2
FMSlargeMulClusTh0
FMSlargeMulClusTh1
FMSlargeMulClusTh2
FMSlargeHT
FPE

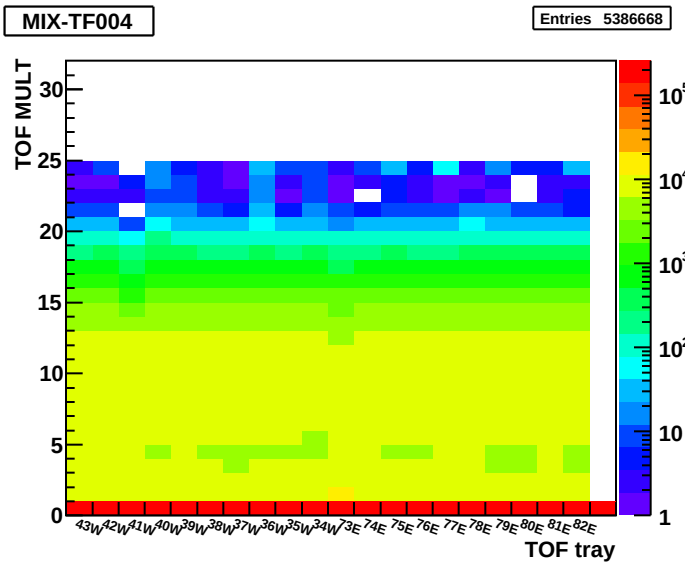

ST201 0-15 (ch6)
Entries 2052064
SpcTrgDetBit0
SpcTrgDetBit1
SpcTrgDetBit2
DetCrpBit0
DetCrpBit1
DetCrpBit2
DetCrpBit3
ZeroBias
Random

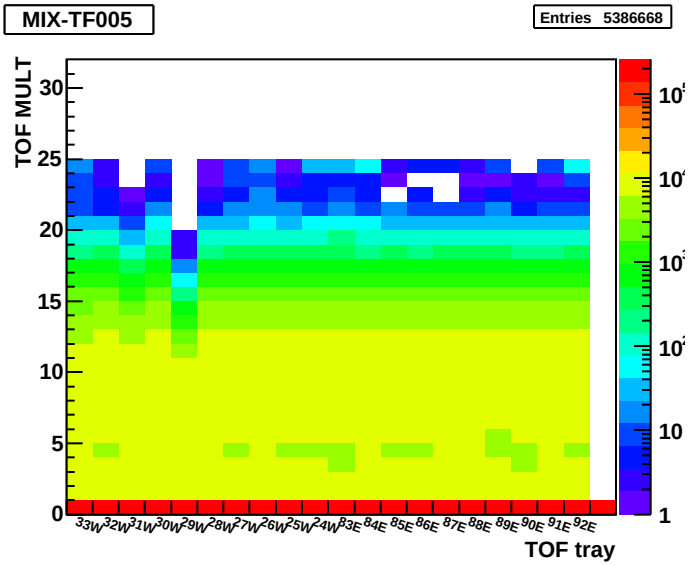

Unused (ch7)
Entries 2052064

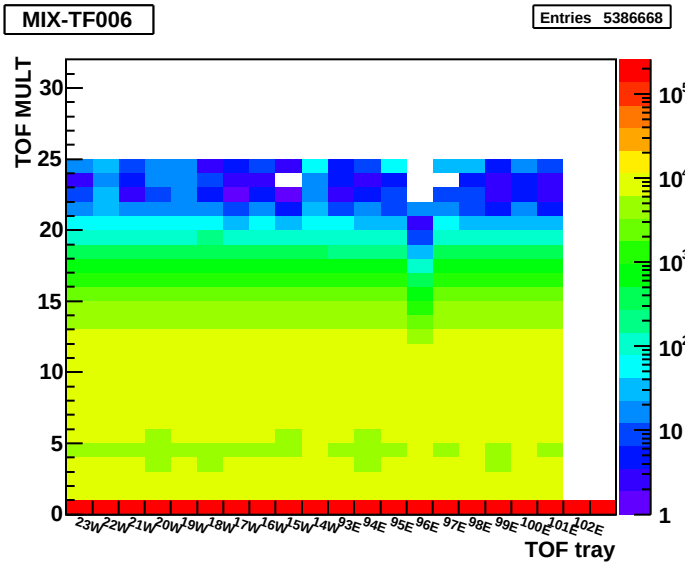

MIX-TF001
Entries 5386668
TOF MULT
TOF tray

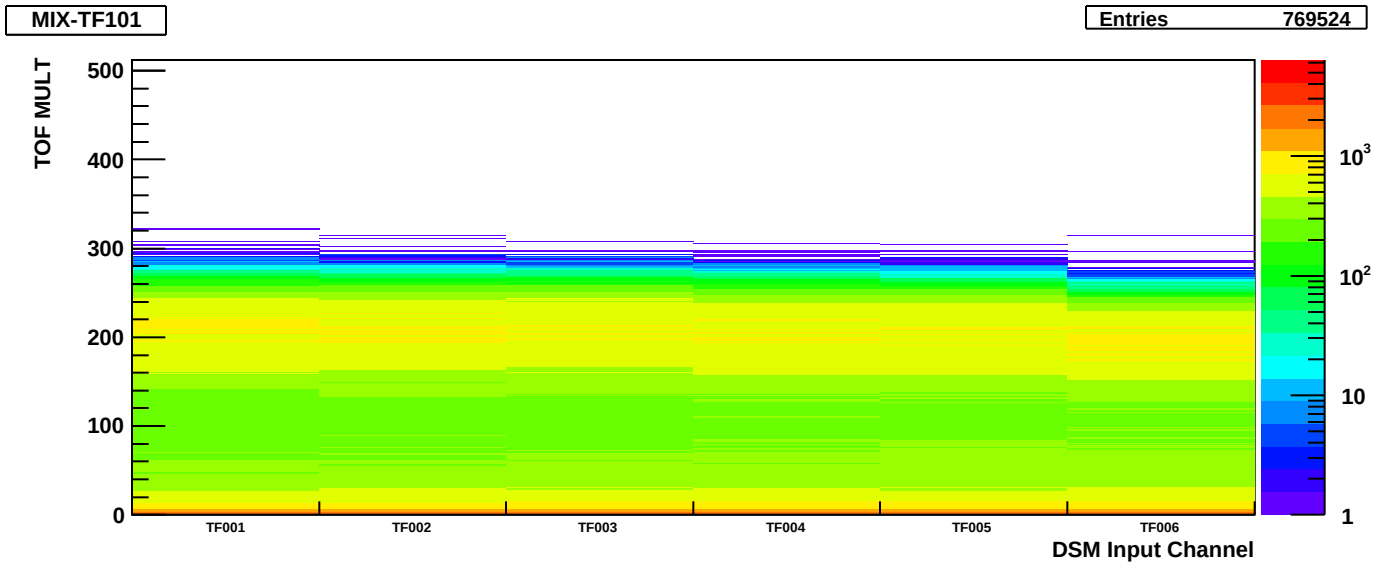

MIX-TF002
Entries 5386668
TOF MULT
TOF tray

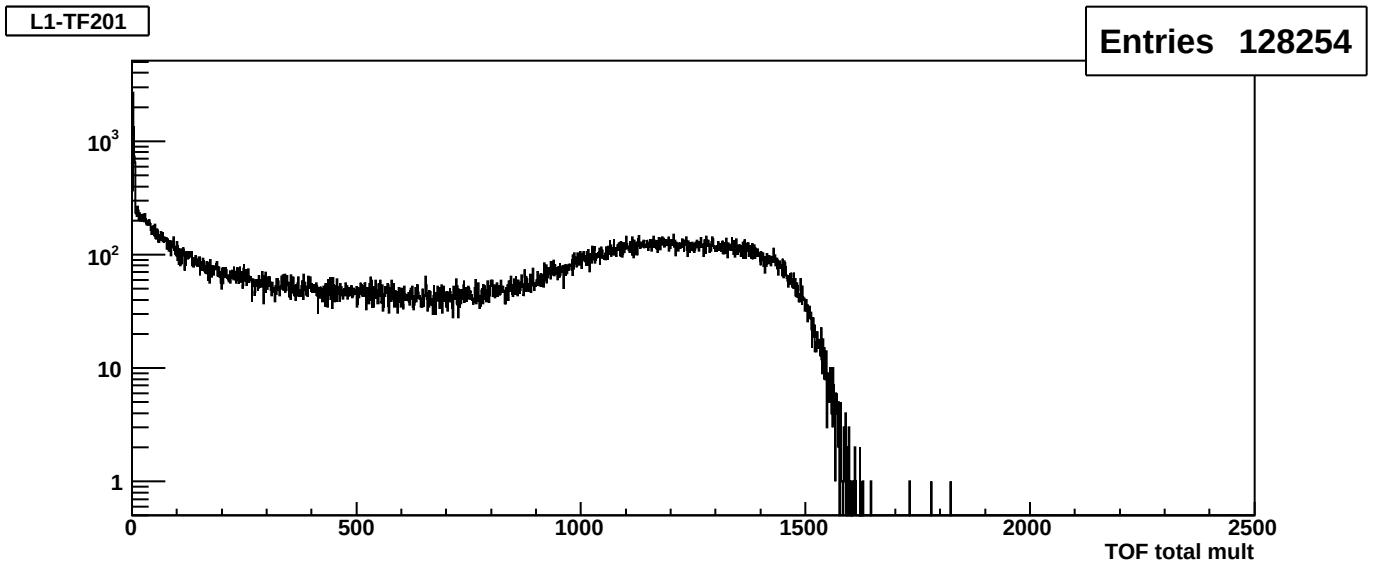

MIX-TF003
Entries 5386668
TOF MULT
TOF tray

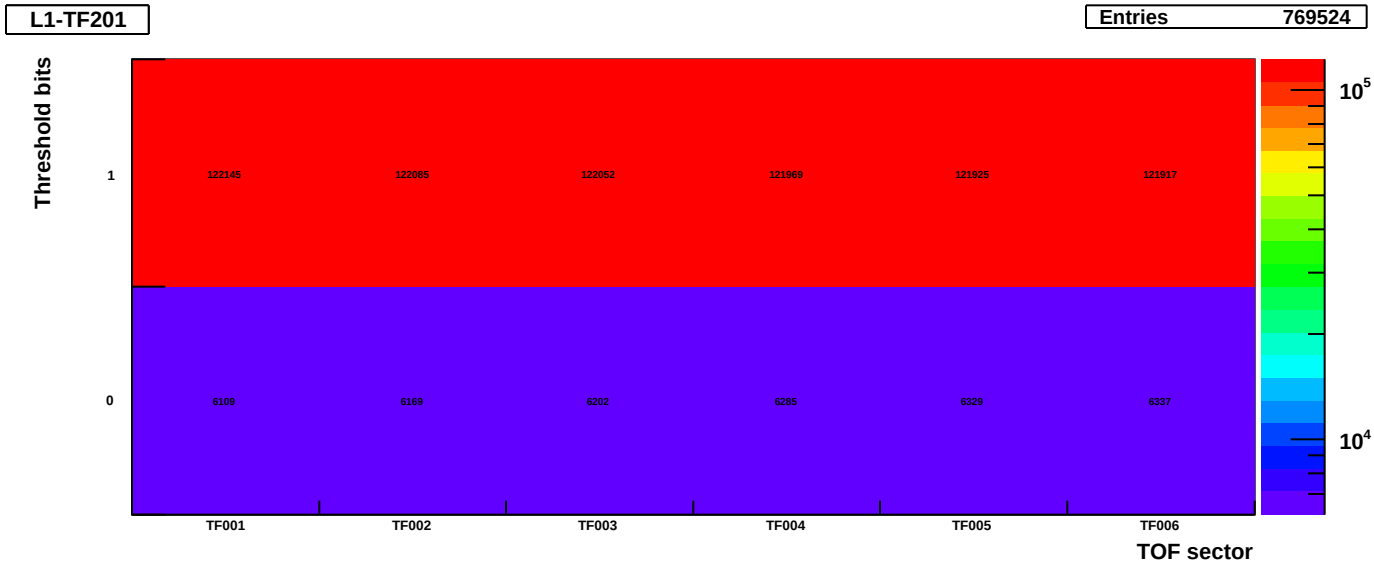

MIX-TF004
Entries 5386668
TOF MULT
TOF tray

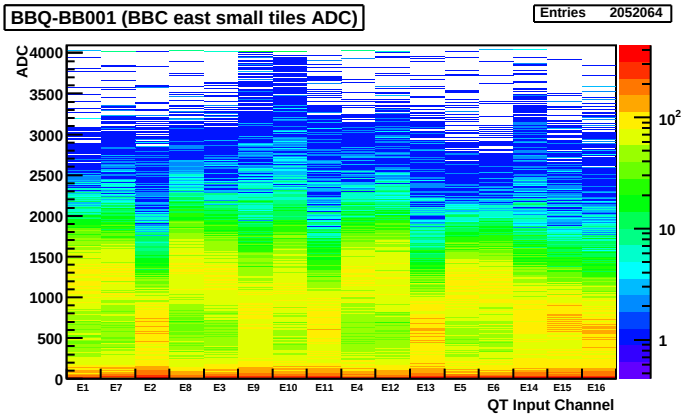

MIX-TF005
Entries 5386668
TOF MULT
TOF tray

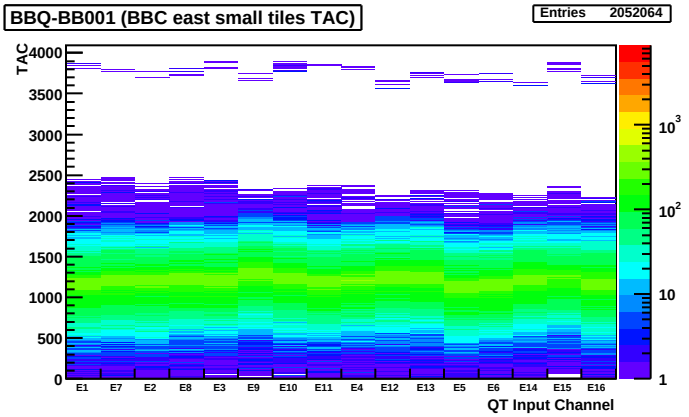

MIX-TF006
Entries 5386668
TOF MULT
TOF tray

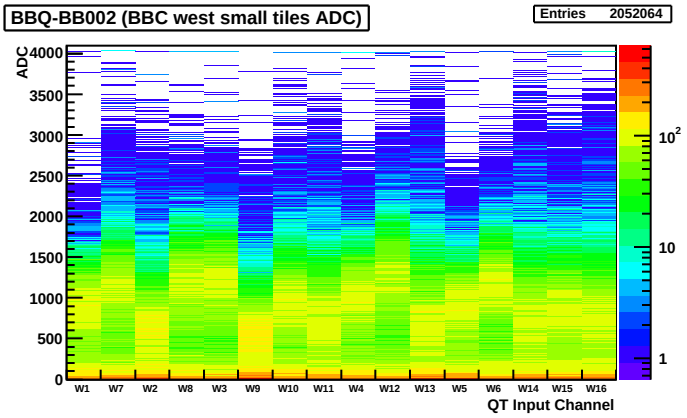

MIX-TF101
Entries 769524
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
$10^3$
$10^2$
10
1

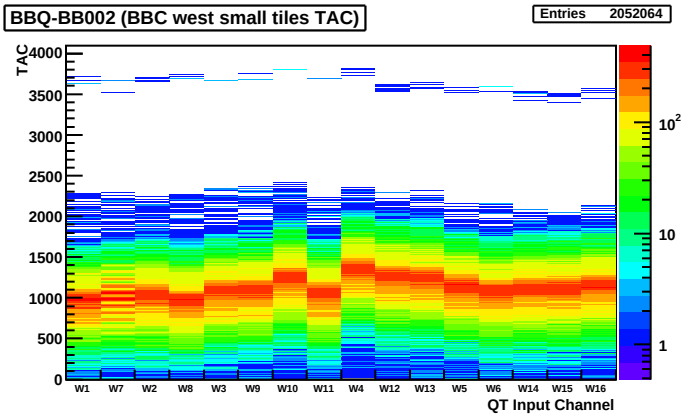

L1-TF201
Entries 128254
$10^3$
$10^2$
10
1
0
500
1000
1500
2000
2500
TOF total mult

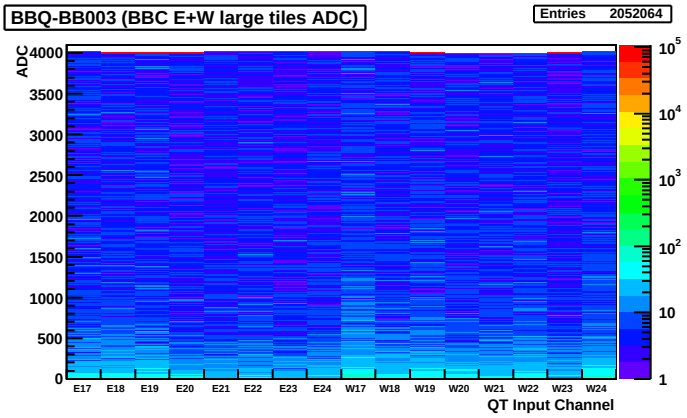

L1-TF201
Entries 769524
Threshold bits
1
0
122145
122085
122052
121969
121925
121917
6109
6169
6202
6285
6329
6337
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
$10^5$
$10^4$

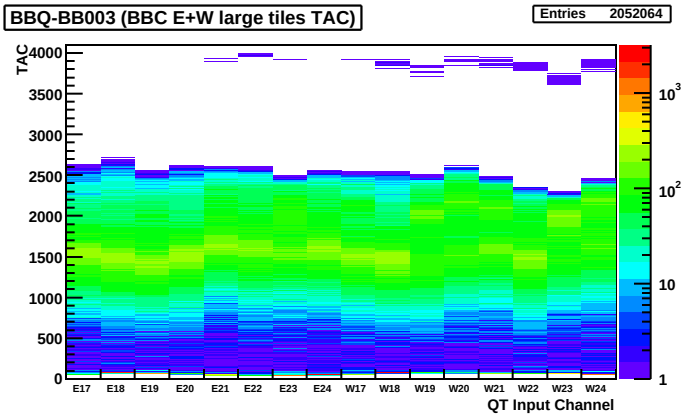

BBQ-BB001 (BBC east small tiles ADC)
Entries 2052064
ADC
QT Input Channel

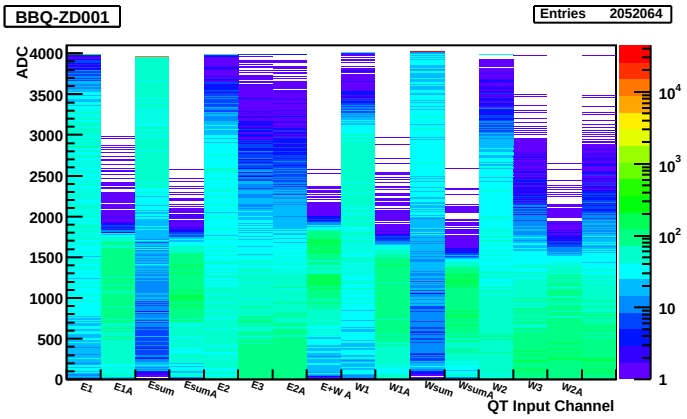

BBQ-BB001 (BBC east small tiles TAC)
Entries 2052064
TAC
QT Input Channel

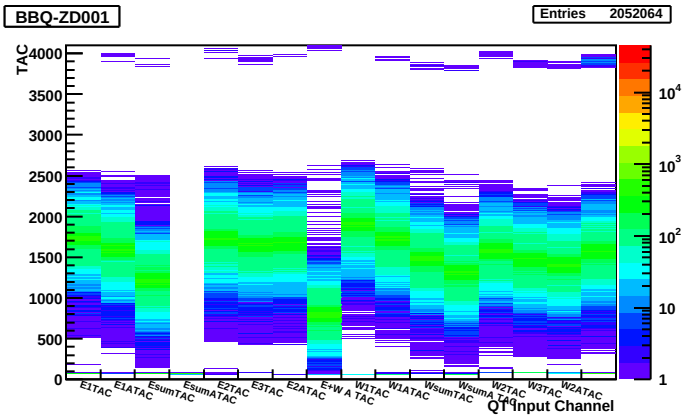

BBQ-BB002 (BBC west small tiles ADC)
Entries 2052064
ADC
QT Input Channel

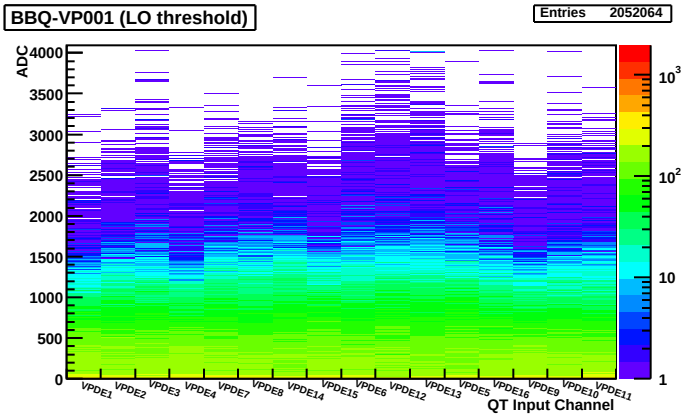

BBQ-BB002 (BBC west small tiles TAC)
Entries 2052064
TAC
QT Input Channel

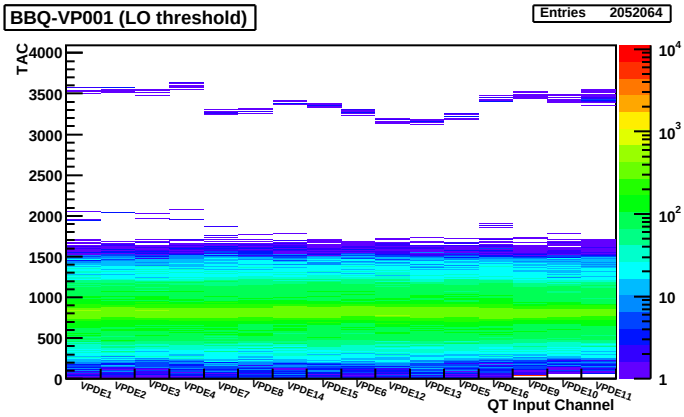

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 2052064
ADC
QT Input Channel

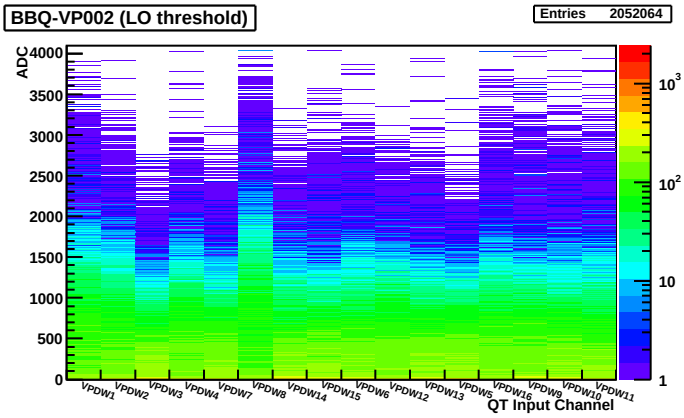

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 2052064
TAC
QT Input Channel

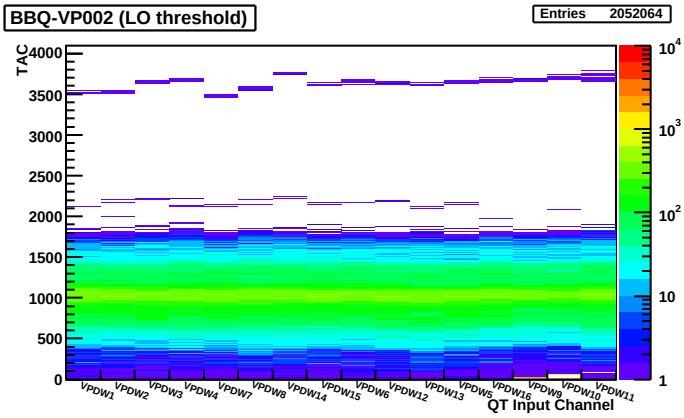

BBQ-ZD001
Entries 2052064
ADC
QT Input Channel

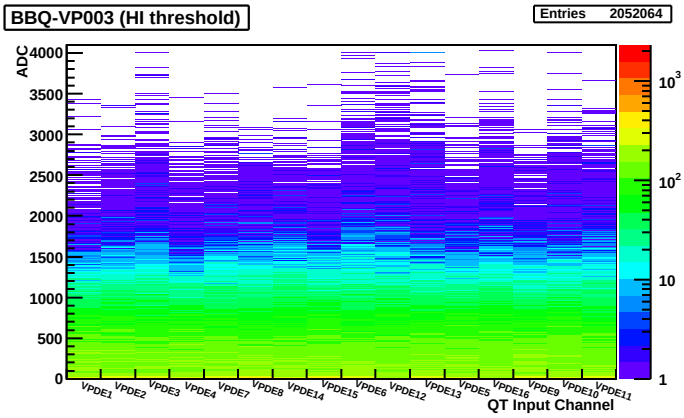

BBQ-ZD001
Entries 2052064
TAC
QT Input Channel

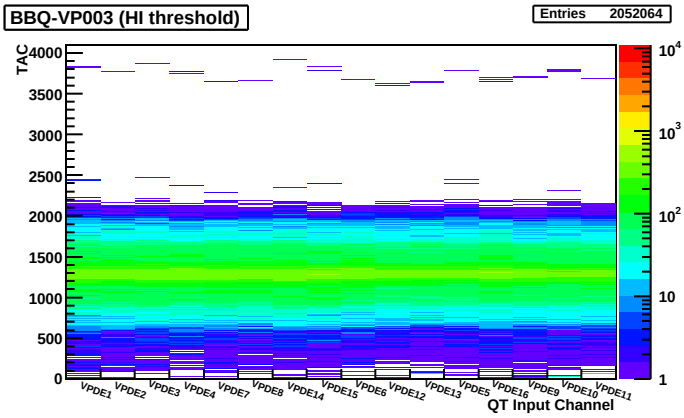

BBQ-VP001 (LO threshold)
Entries 2052064
ADC
QT Input Channel

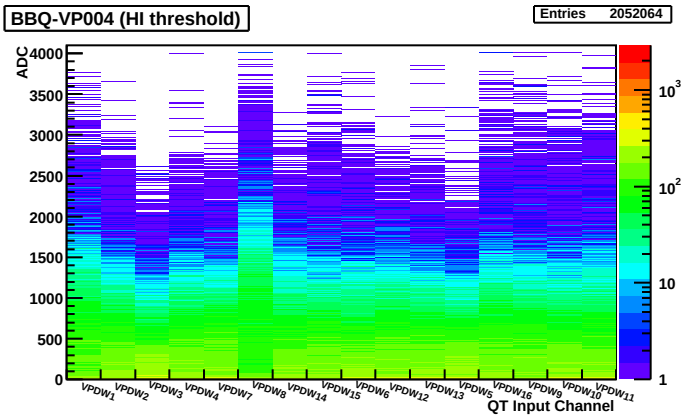

BBQ-VP001 (LO threshold)
Entries 2052064
TAC
QT Input Channel

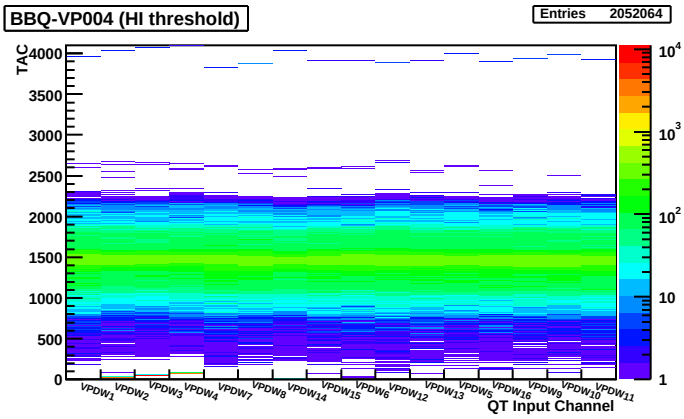

BBQ-VP002 (LO threshold)
Entries 2052064
ADC
QT Input Channel


BBQ-VP002 (LO threshold)
Entries 2052064
TAC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 2052064
ADC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 2052064
TAC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 2052064
ADC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 2052064
TAC
QT Input Channel