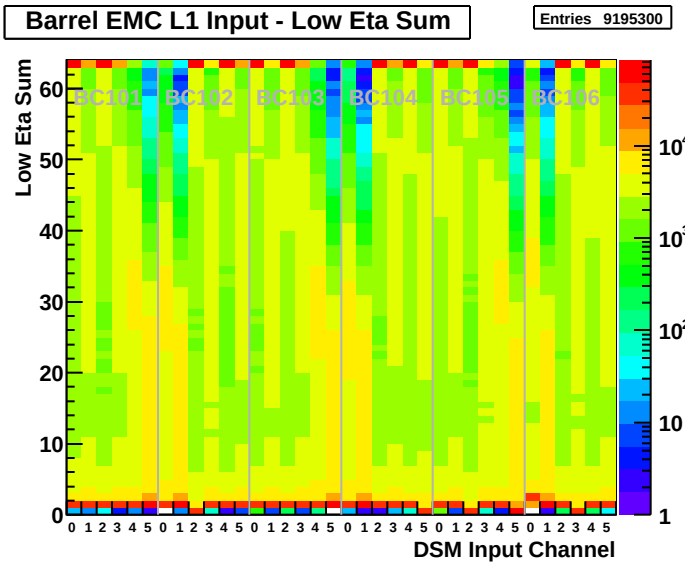
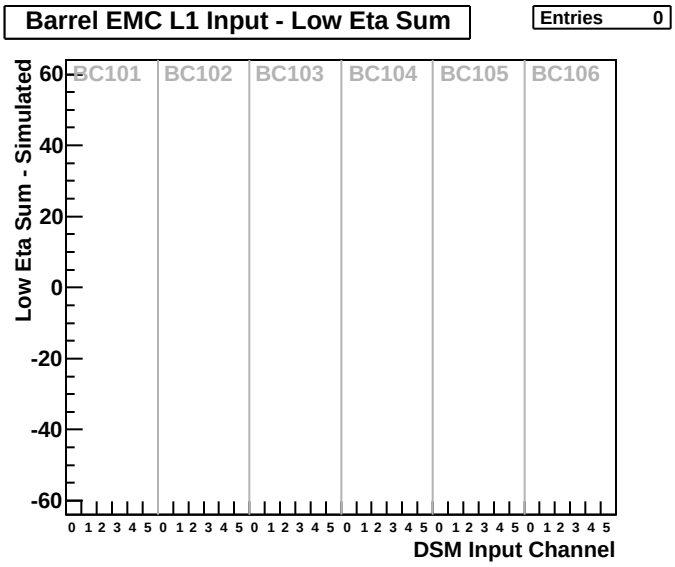
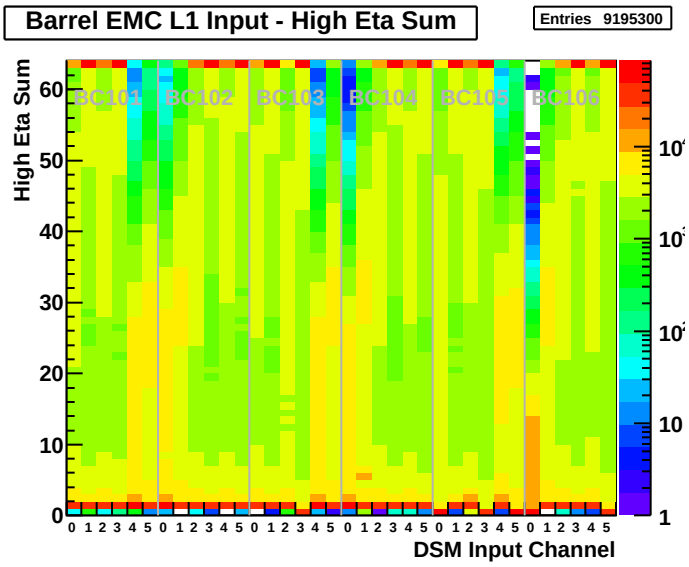
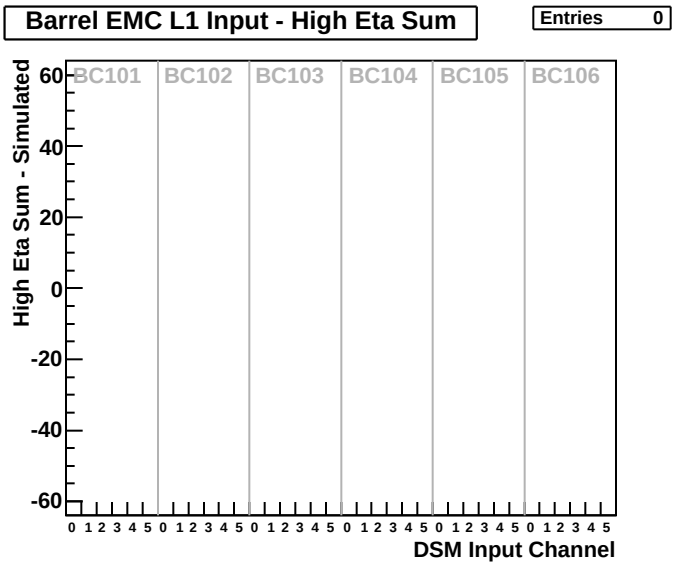
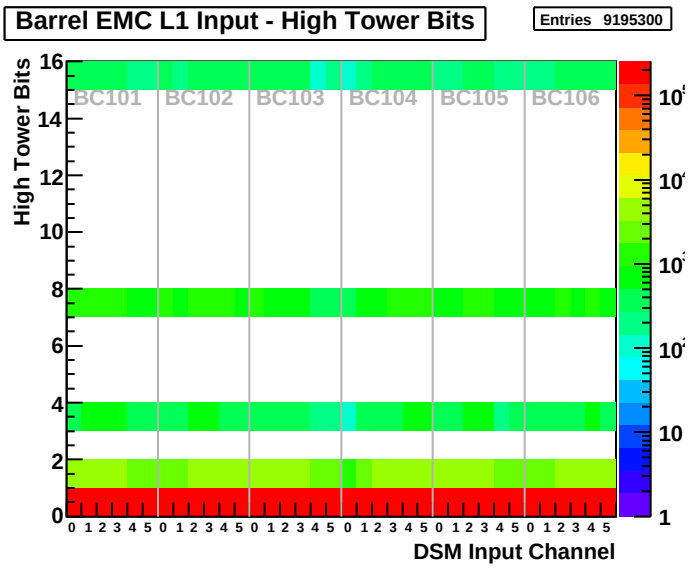
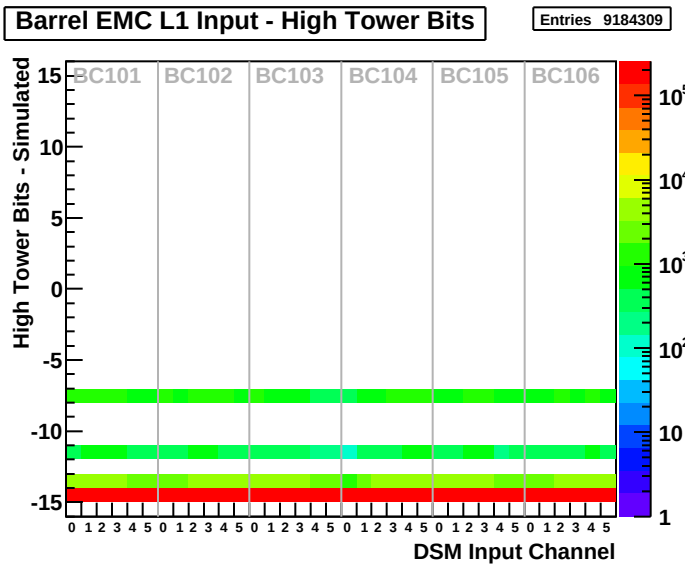

Barrel EMC L1 Input - Low Eta Sum
Entries 9195300
Low Eta Sum
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

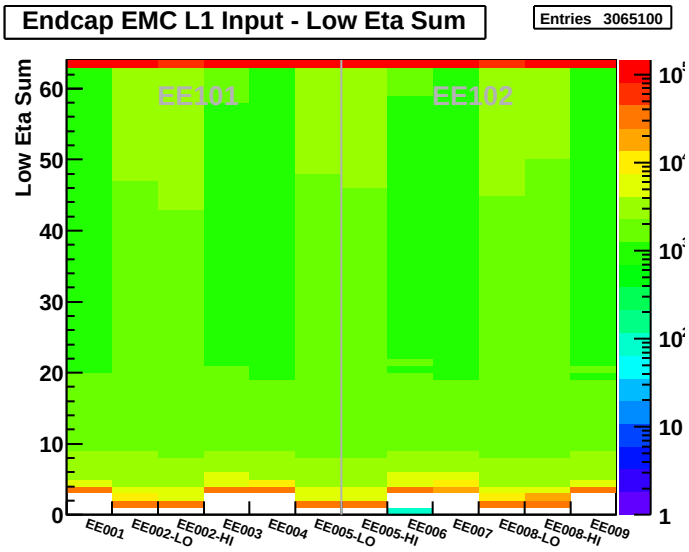

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

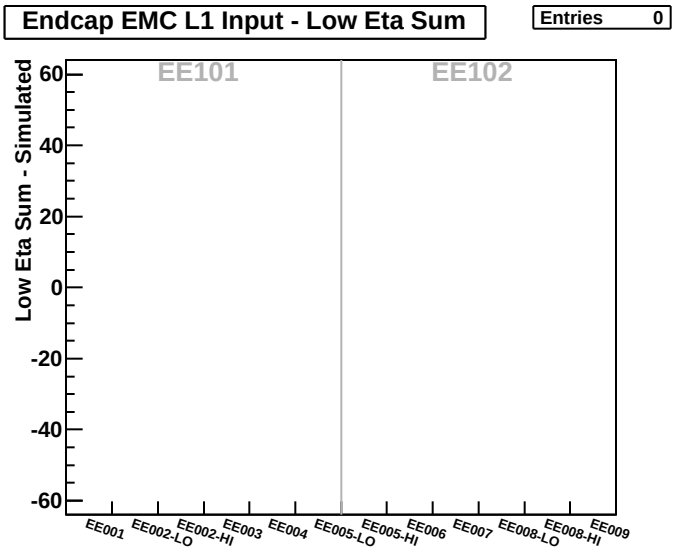

Barrel EMC L1 Input - High Eta Sum
Entries 9195300
High Eta Sum
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

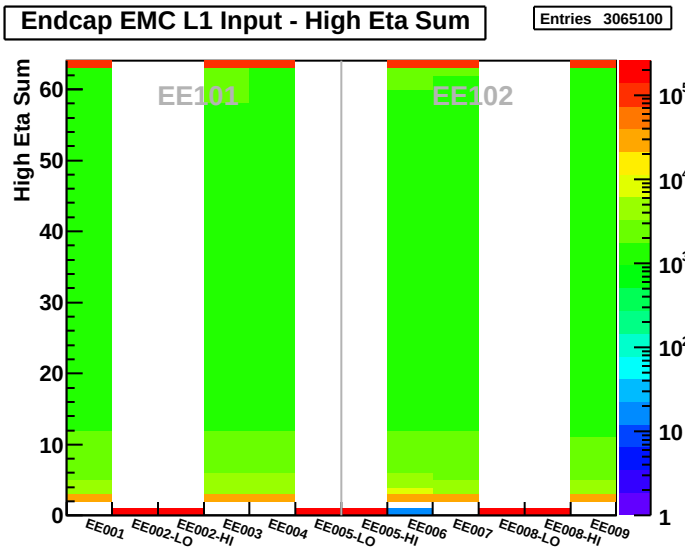

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

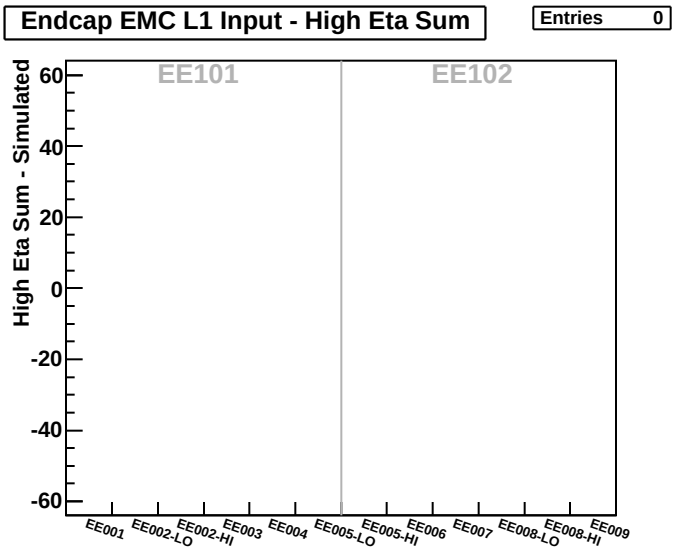

Barrel EMC L1 Input - High Tower Bits
Entries 9195300
High Tower Bits
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

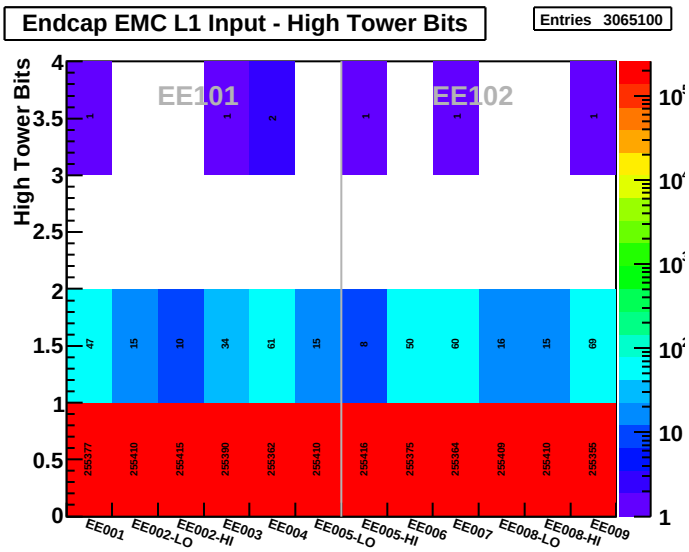

Barrel EMC L1 Input - High Tower Bits
Entries 9184309
High Tower Bits - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

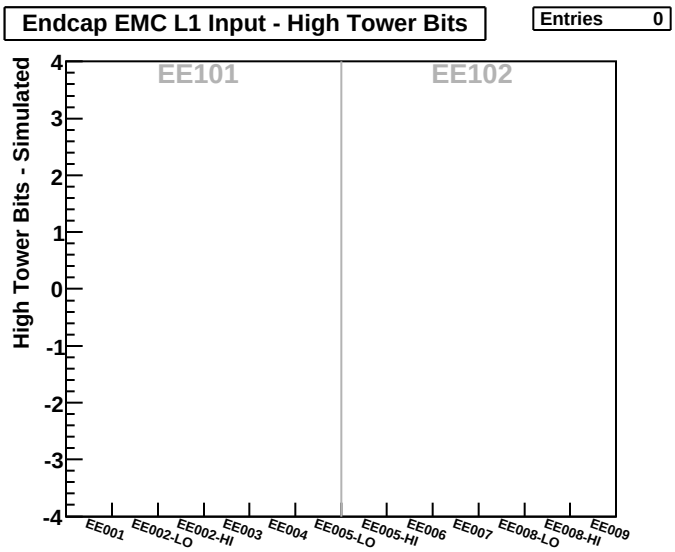

Endcap EMC L1 Input - Low Eta Sum
Entries 3065100
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

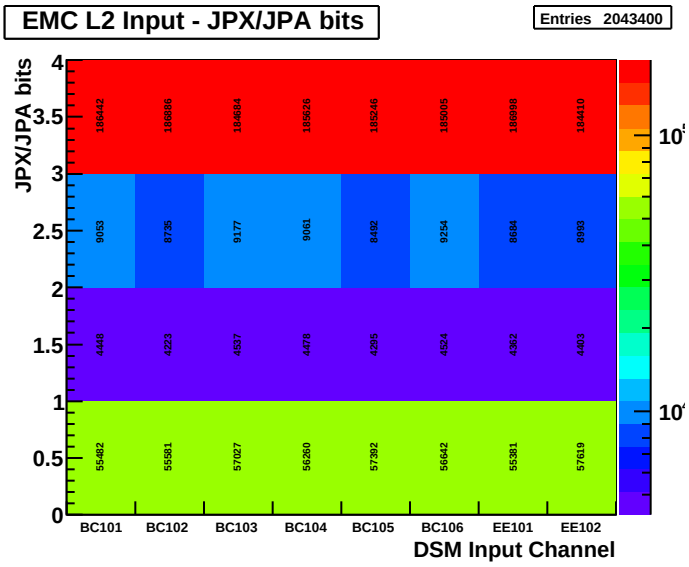

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

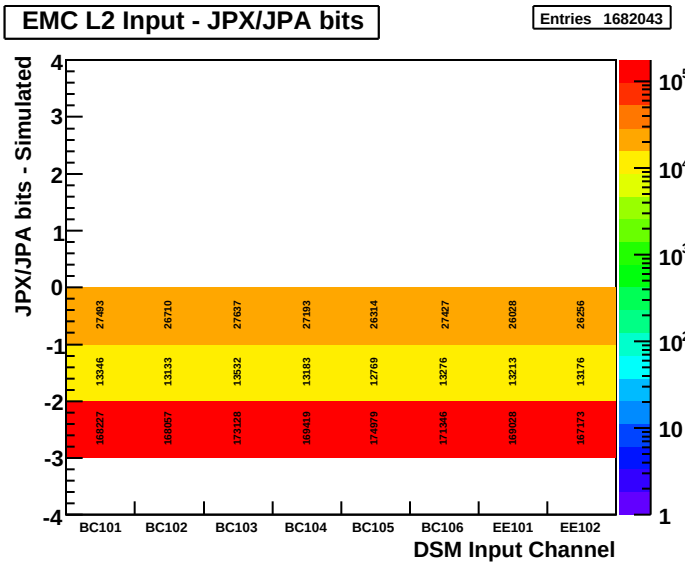

Endcap EMC L1 Input - High Eta Sum
Entries 3065100
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

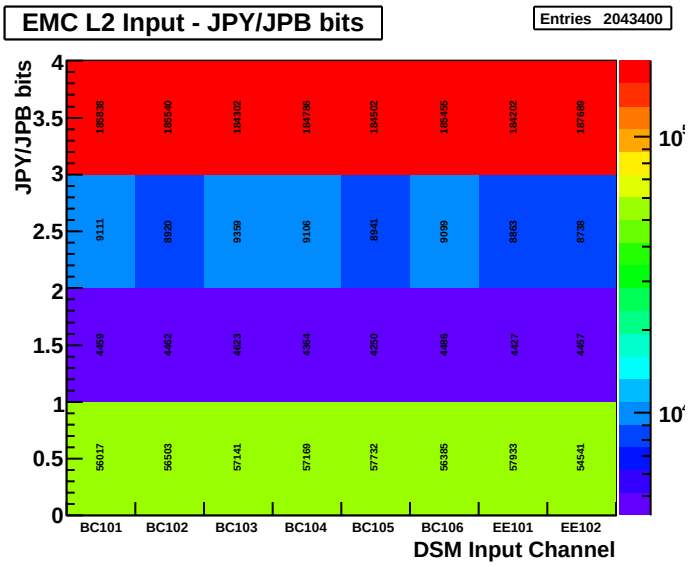

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

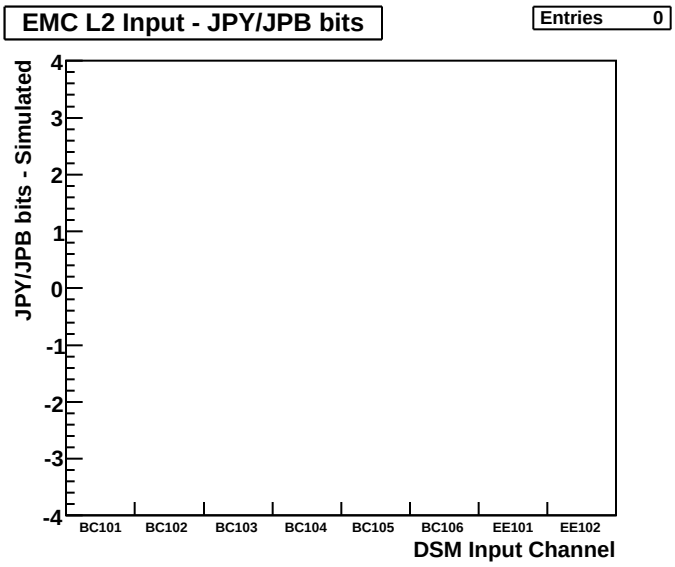

Endcap EMC L1 Input - High Tower Bits
Entries 3065100
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

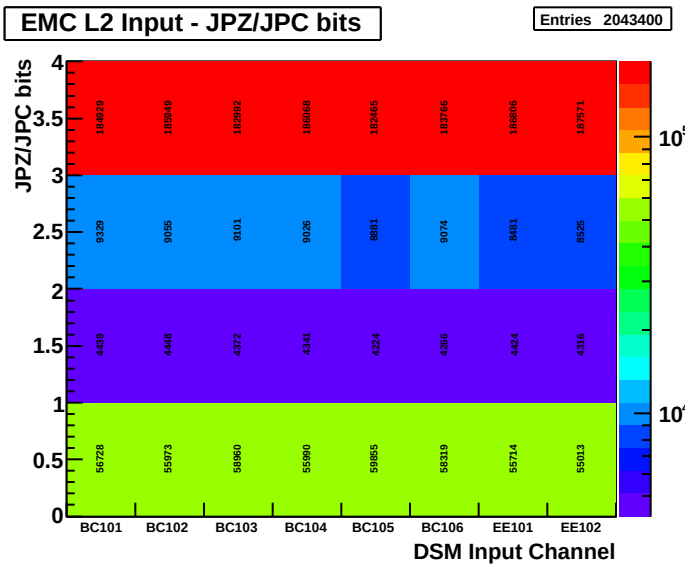

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

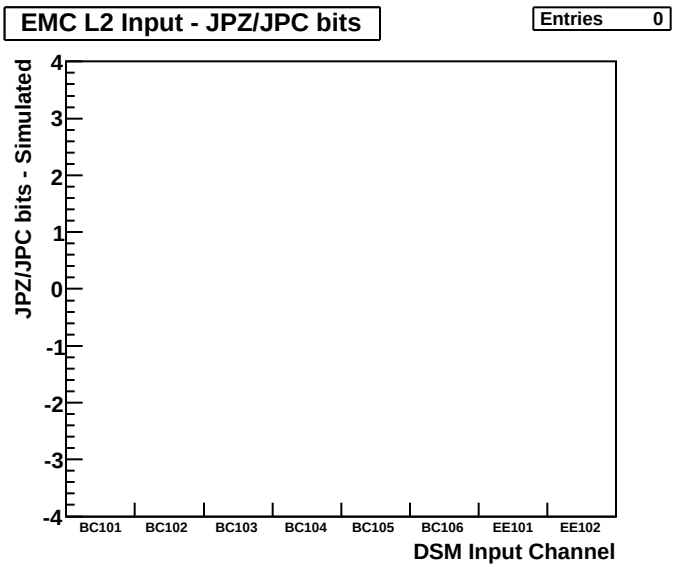

EMC L2 Input - JPX/JPA bits
Entries 2043400
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
186442 186686 184684 185626 185246 185005 186898 184410
9053 8735 9177 9061 8492 9254 8684 8993
4446 4223 4537 4476 4295 4524 4362 4403
55482 55581 57027 56260 57392 56642 55381 57619

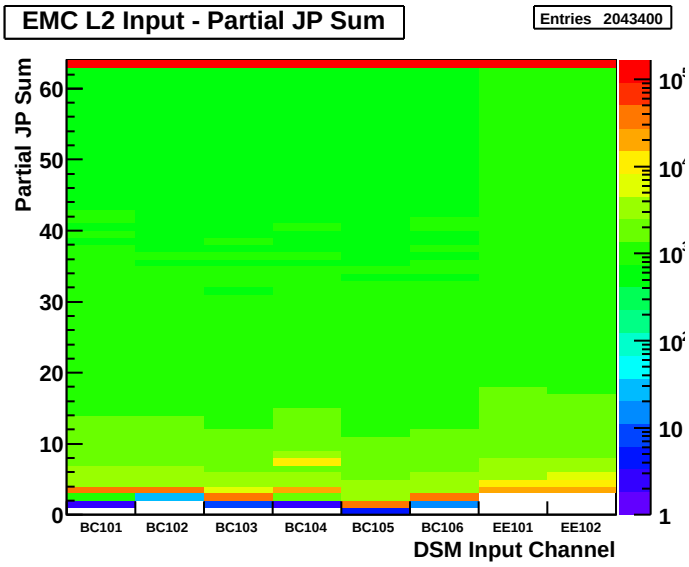

EMC L2 Input - JPX/JPA bits
Entries 1682043
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
27493 26710 27637 27193 26314 27427 26028 26256
13346 13133 13532 13183 12769 13276 13213 13176
168227 168057 173128 169419 174979 171346 169028 167173

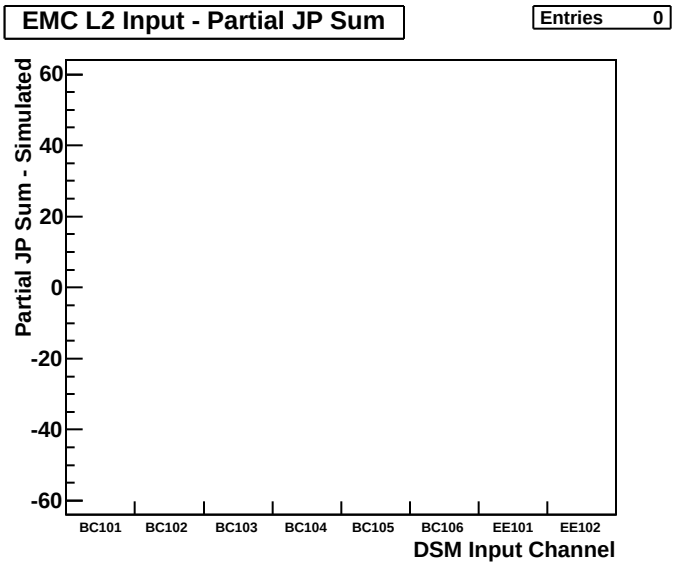

EMC L2 Input - JPY/JPB bits
Entries 2043400
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
185838 185540 184302 184786 184502 185455 184202 187689
9111 8920 9359 9106 8941 9099 8863 8738
4459 4462 4623 4364 4250 4486 4427 4457
56017 56503 57141 57169 57732 56385 57933 54541

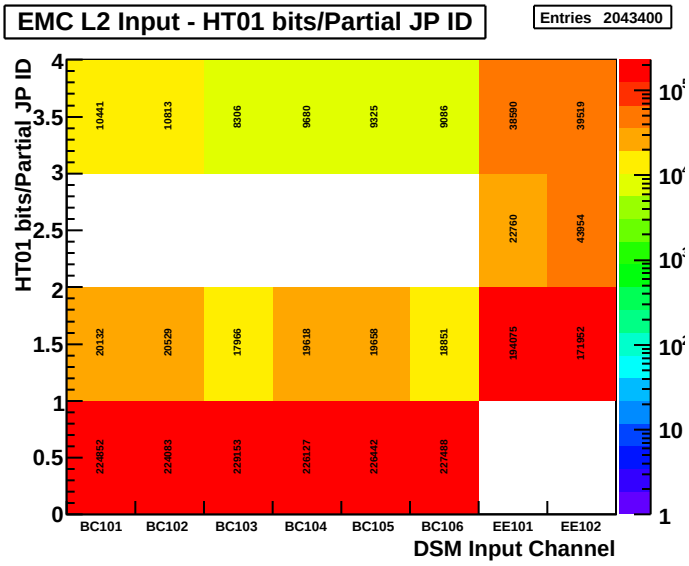

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

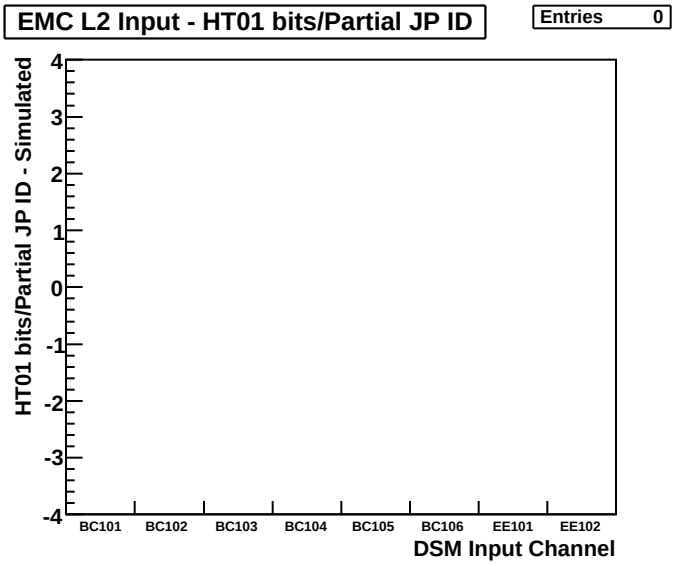

EMC L2 Input - JPZ/JPC bits
Entries 2043400
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
184929 185949 182992 180868 182465 183766 188806 187571
9329 9055 9101 9026 8881 9074 8481 8525
4439 4448 4372 4341 4224 4266 4424 4316
56728 55973 58860 55990 59865 58319 55714 55013

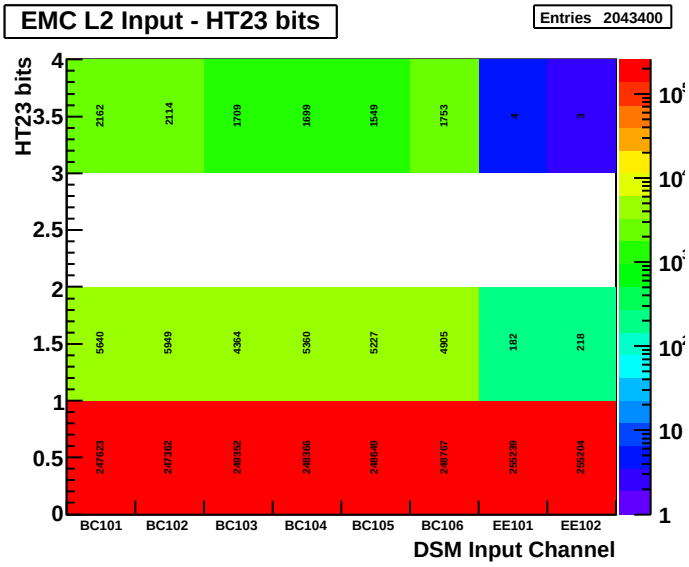

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

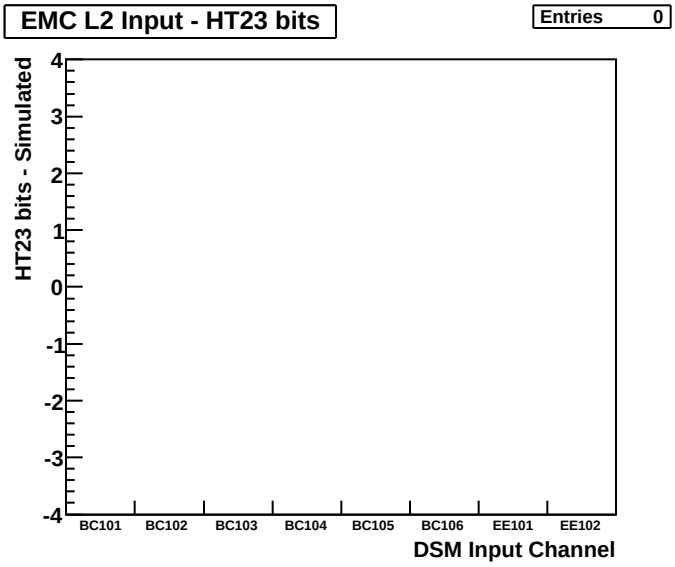

EMC L2 Input - Partial JP Sum
Entries 2043400
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

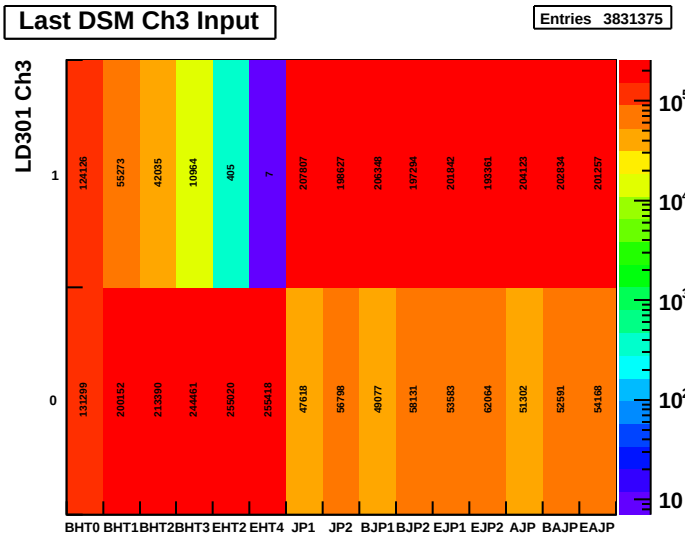

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

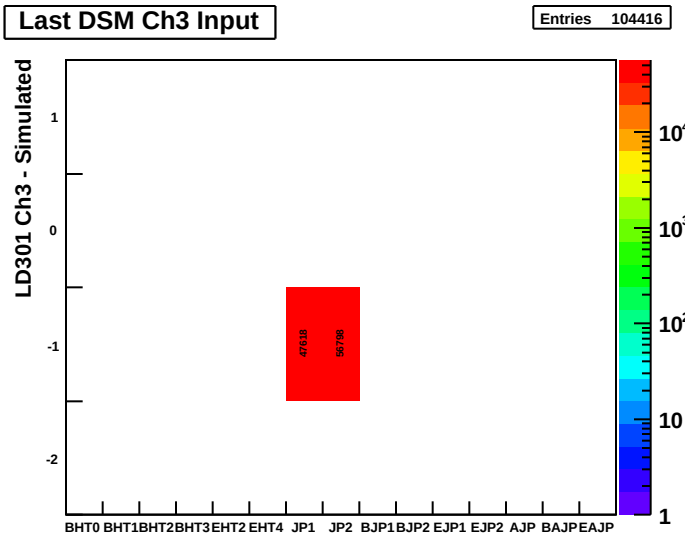

EMC L2 Input - HT01 bits/Partial JP ID
Entries 2043400
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

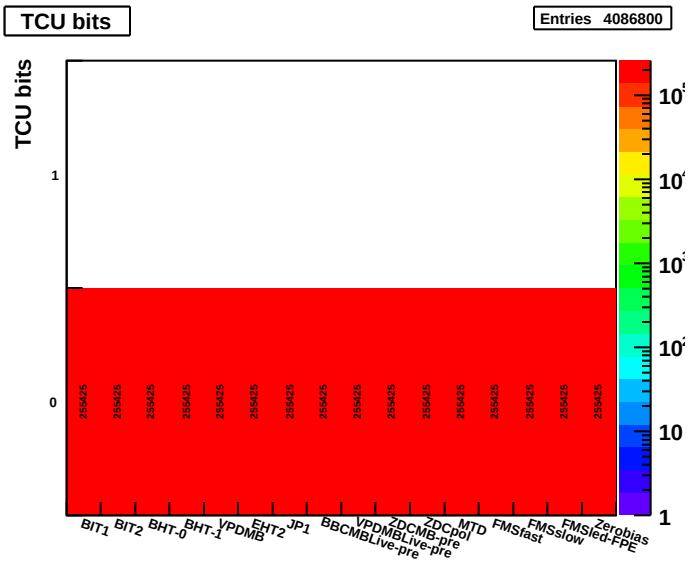

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

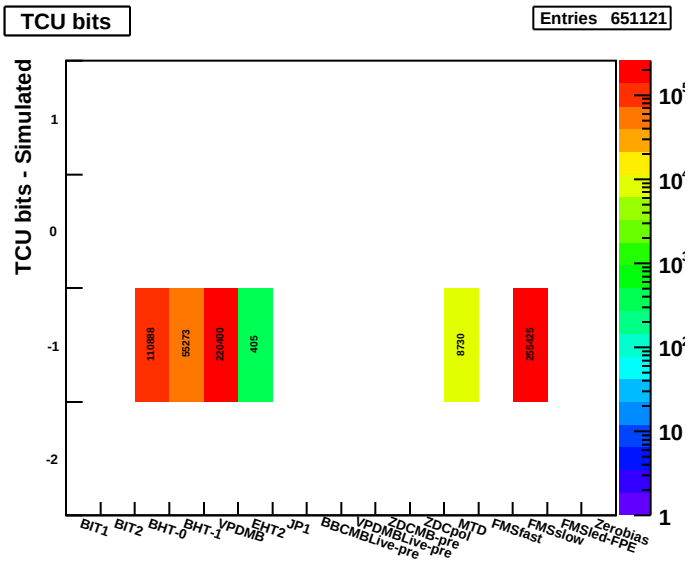

EMC L2 Input - HT23 bits
Entries 2043400
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

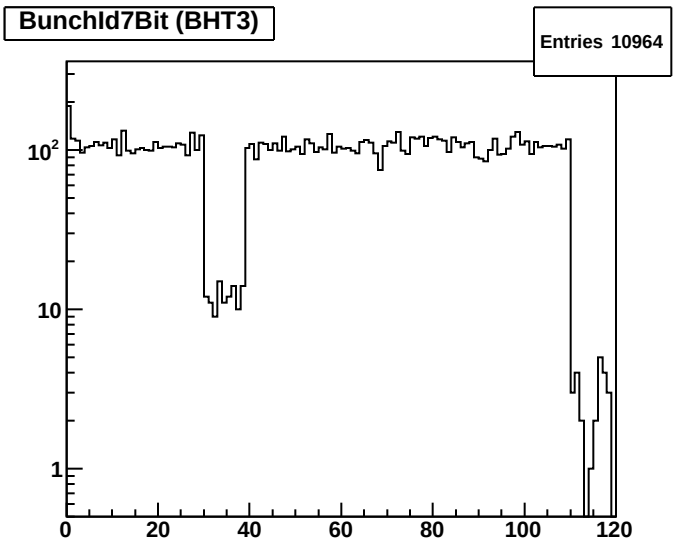

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

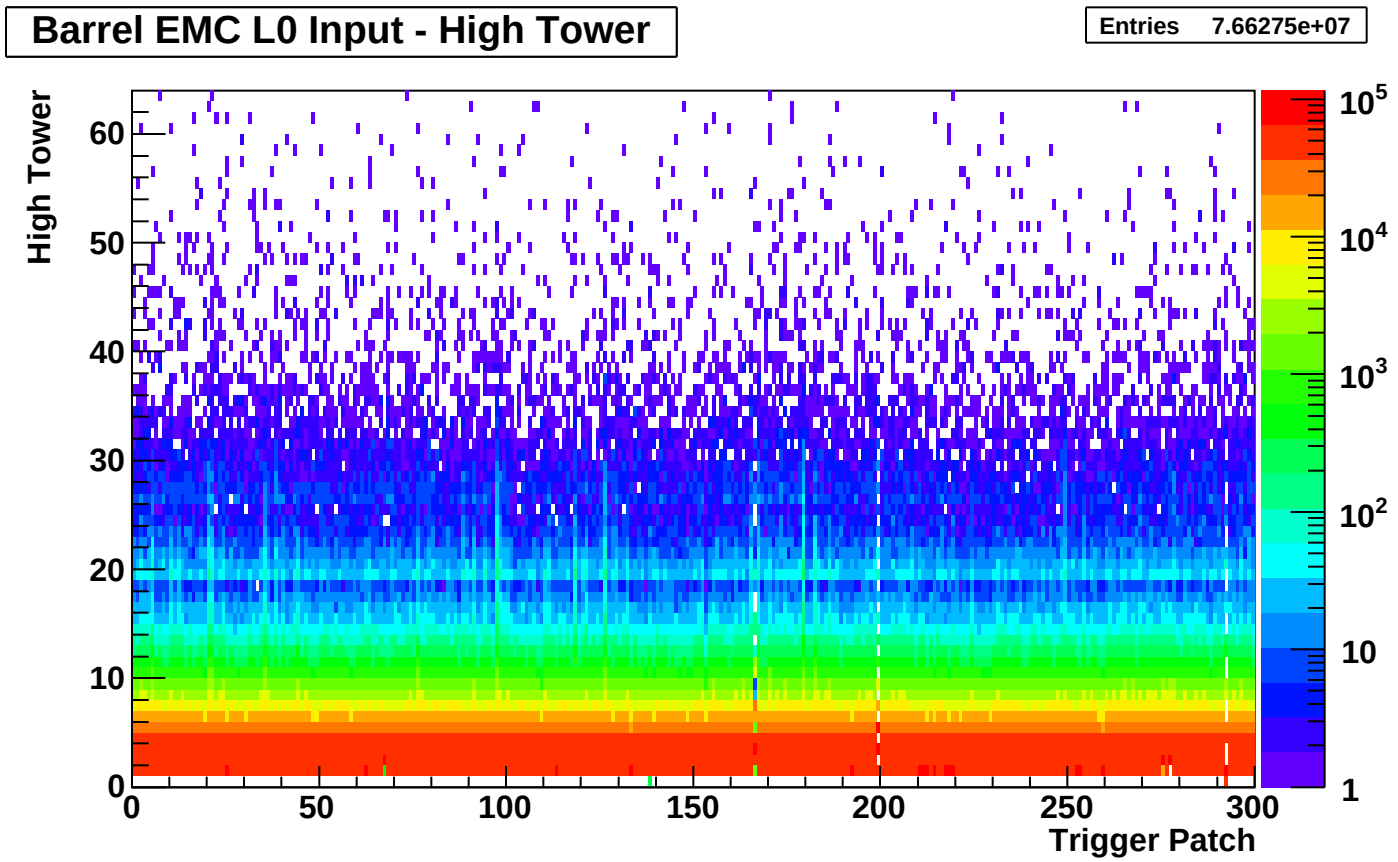

Last DSM Ch3 Input
Entries 3831375
LD301 Ch3
124126 55273 42035 10964 405 7 207807 198627 206348 197294 201842 193361 204123 202834 201257
131299 200152 213390 244461 255020 255418 47618 56798 49077 58131 53583 62064 51302 52591 54168
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

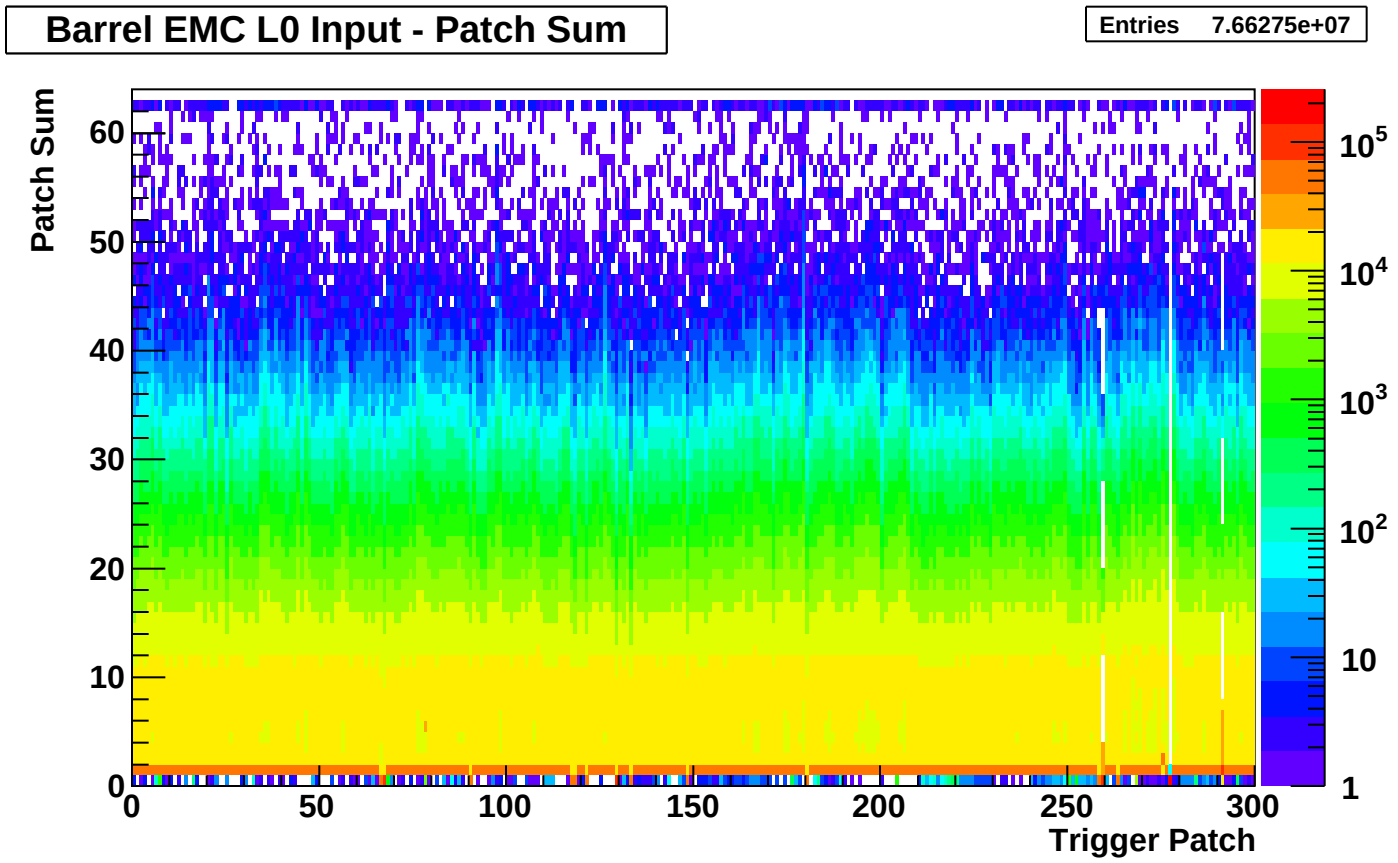

Last DSM Ch3 Input
Entries 104416
LD301 Ch3 - Simulated
47618 56798
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

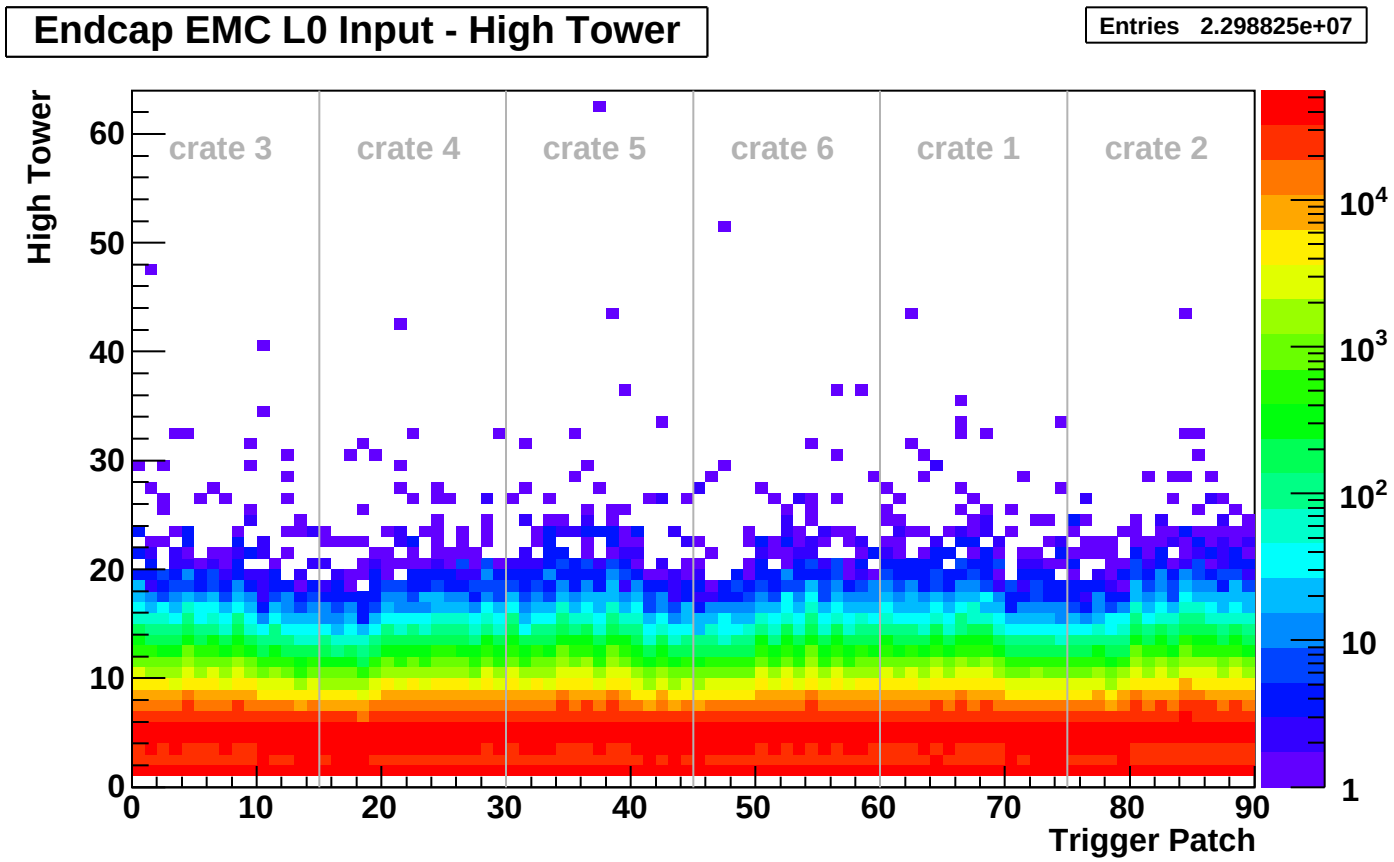

TCU bits
Entries 4086800
TCU bits
255425 255425 255425 255425 255425 255425 255425 255425 255425 255425 255425 255425 255425 255425 255425 255425
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

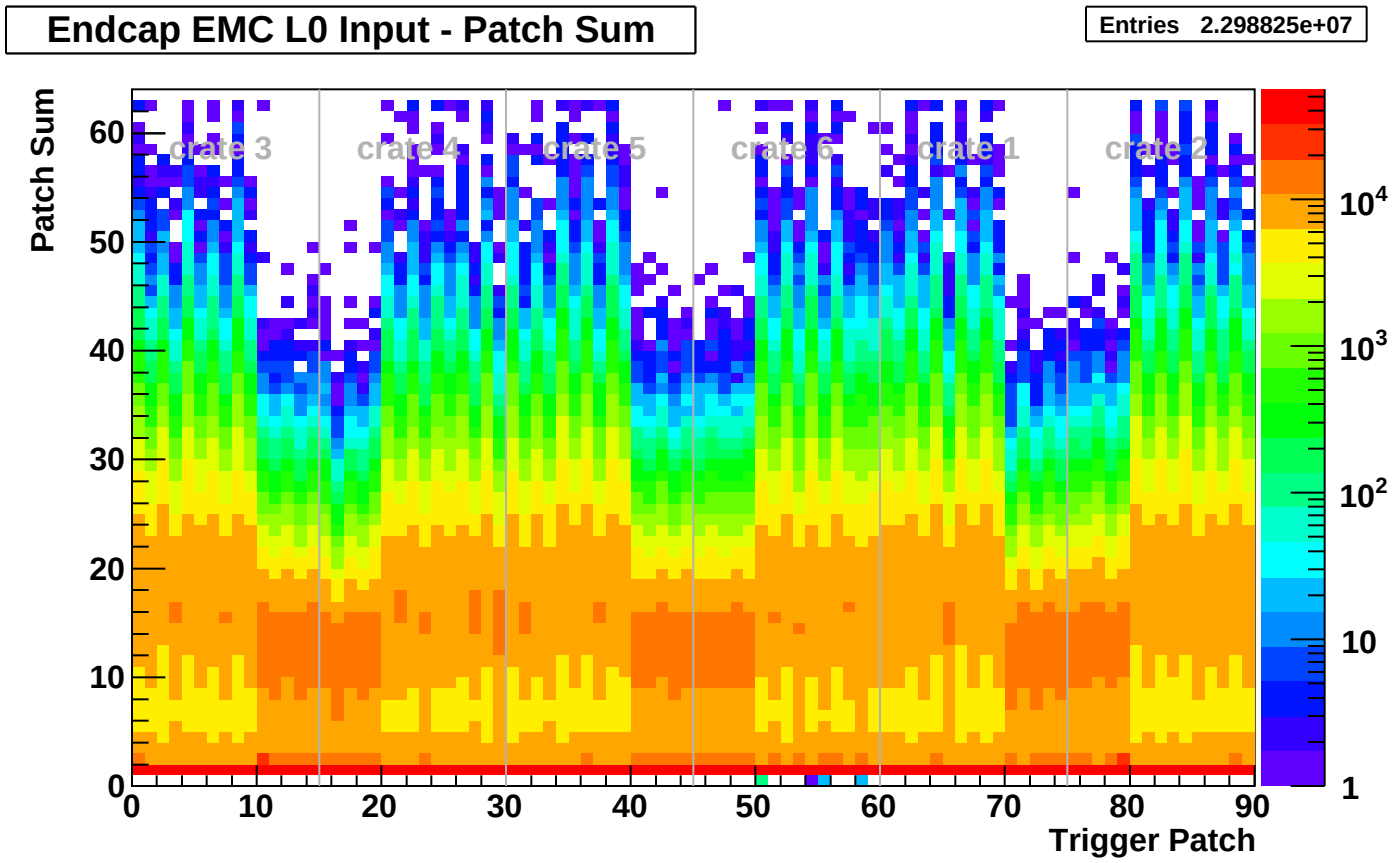

TCU bits
Entries 651121
TCU bits - Simulated
110888 55273 220400 405 8730 255425
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

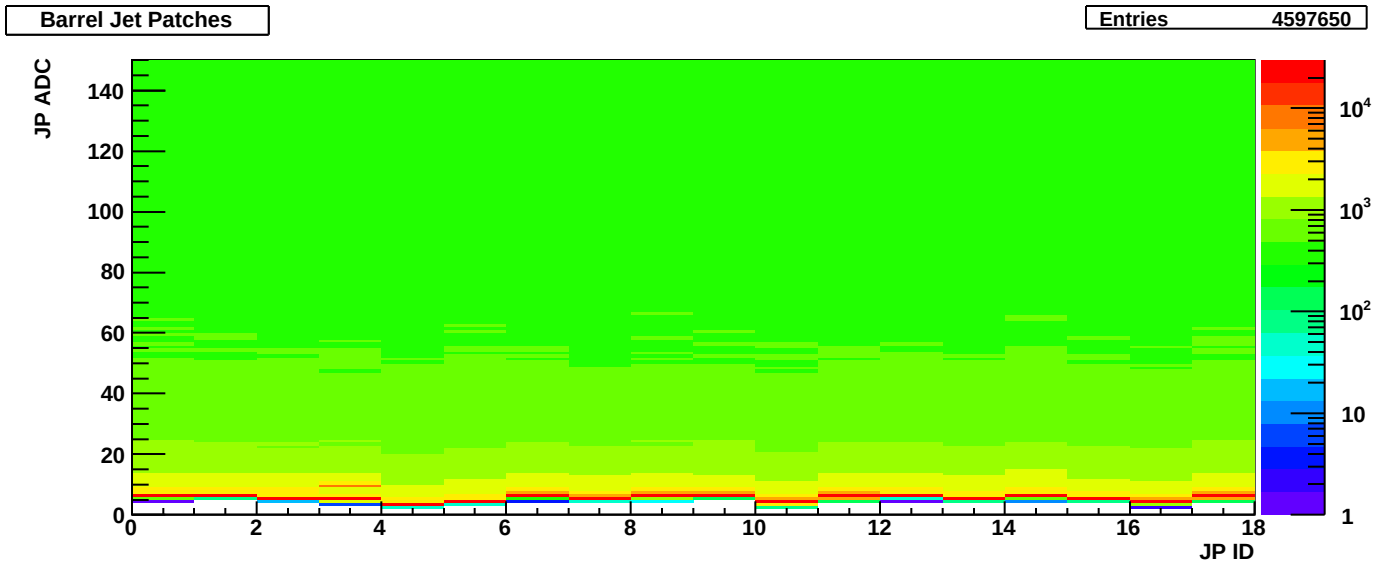

BunchId7Bit (BHT3)
Entries 10964

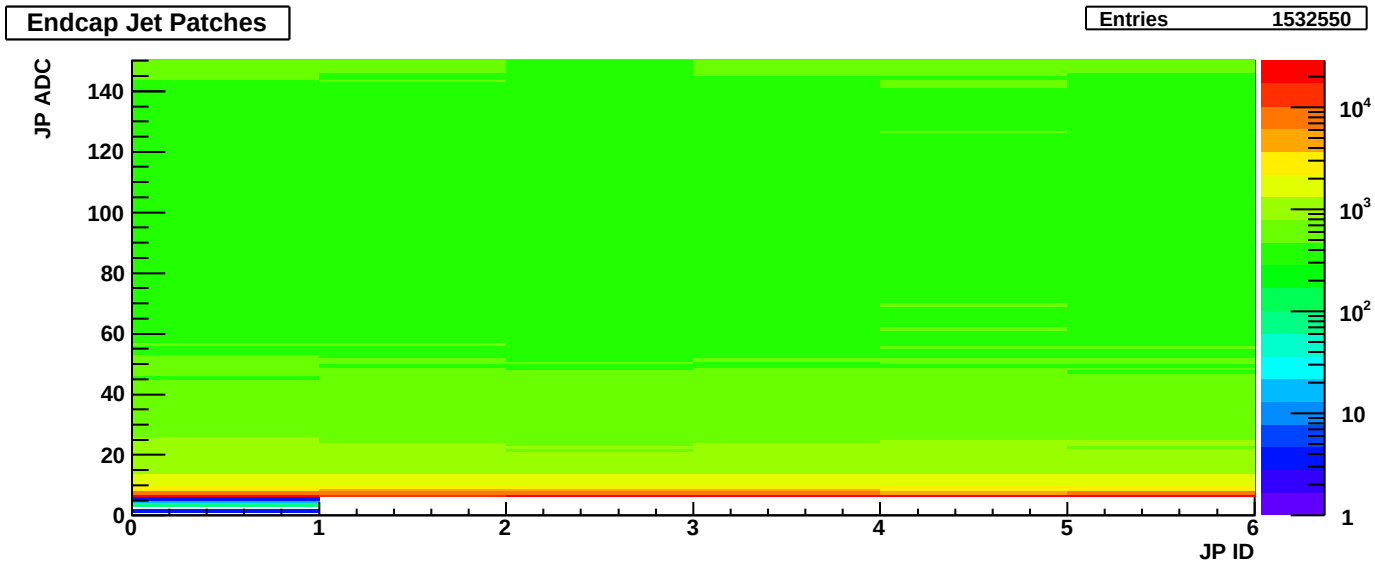

Barrel EMC L0 Input - High Tower
Entries 7.66275e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

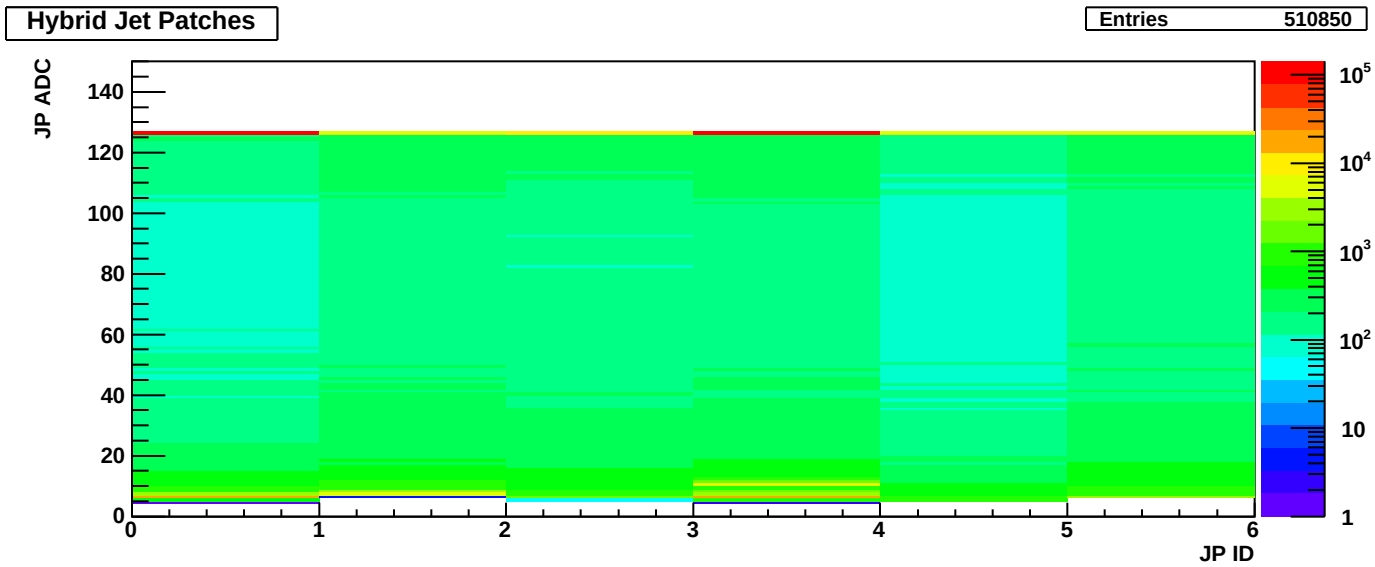

Barrel EMC L0 Input - Patch Sum
Entries 7.66275e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

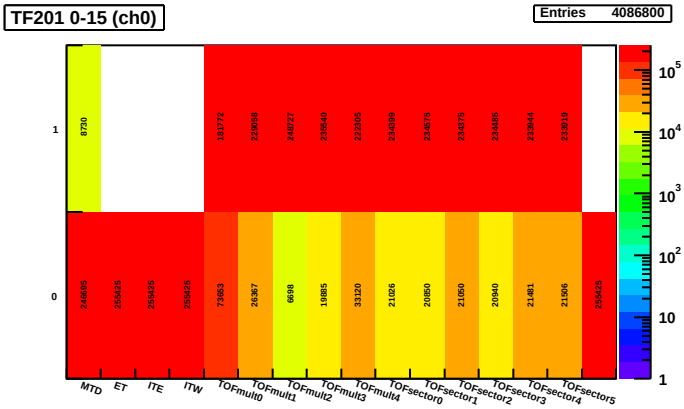

Endcap EMC L0 Input - High Tower
Entries 2.298825e+07
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

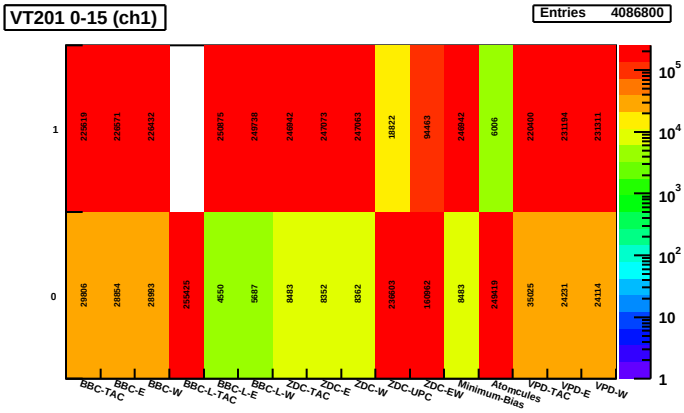

Endcap EMC L0 Input - Patch Sum
Entries 2.298825e+07
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

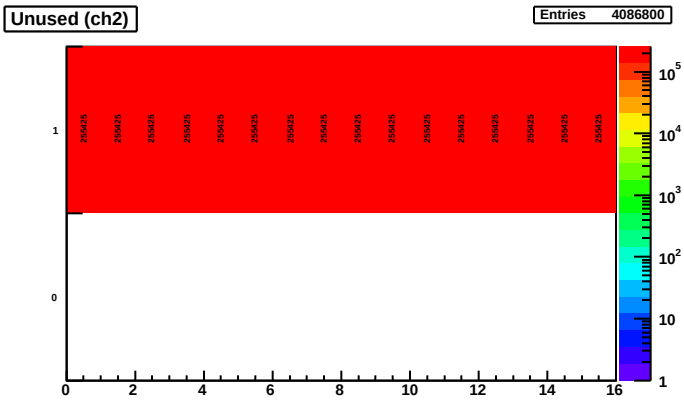

Barrel Jet Patches
Entries 4597650
JP ADC
JP ID

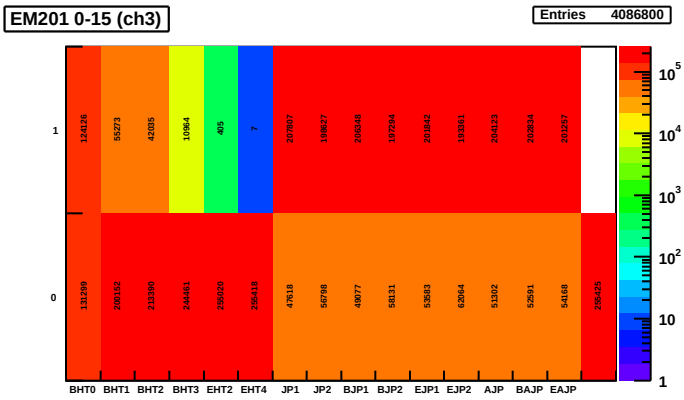

Endcap Jet Patches
Entries 1532550
JP ADC
JP ID

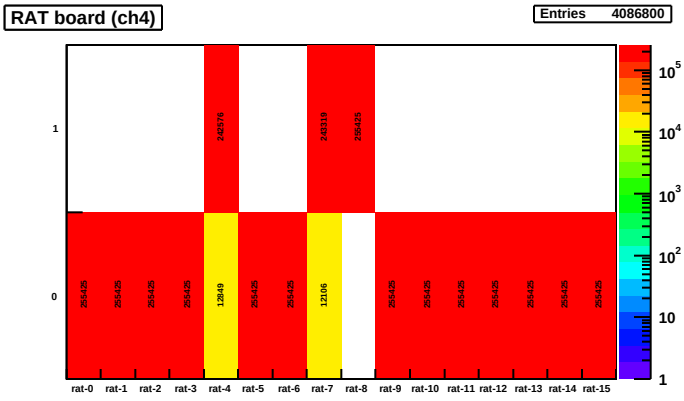

Hybrid Jet Patches
Entries 510850
JP ADC
JP ID

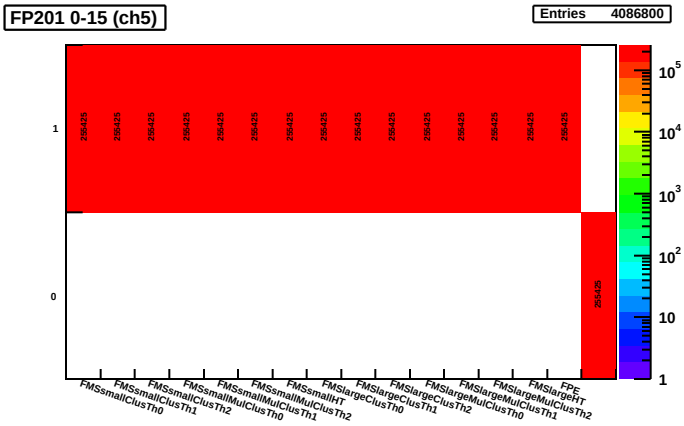

TF201 0-15 (ch0)
Entries 4086800
MTD
ET
ITE
ITW
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFmult4
TOFsector0
TOFsector1
TOFsector2
TOFsector3
TOFsector4
TOFsector5

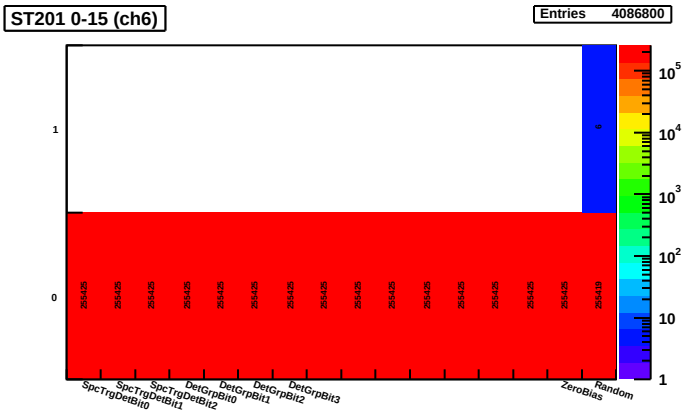

VT201 0-15 (ch1)
Entries 4086800
BBC-TAC
BBC-E
BBC-W
BBC-L-TAC
BBC-L-E
BBC-L-W
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
Minimum-Bias
Atomcules
VPD-TAC
VPD-E
VPD-W

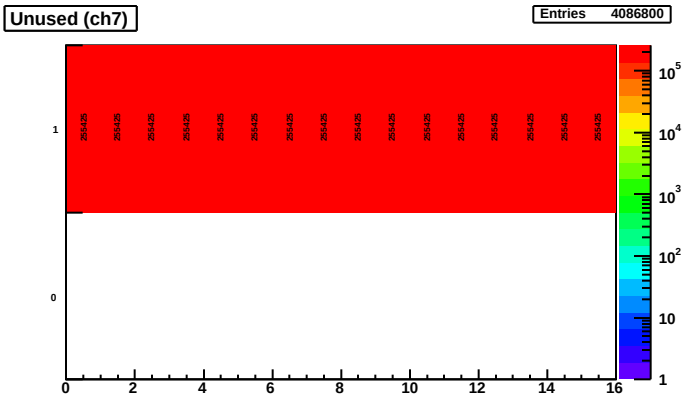

Unused (ch2)
Entries 4086800

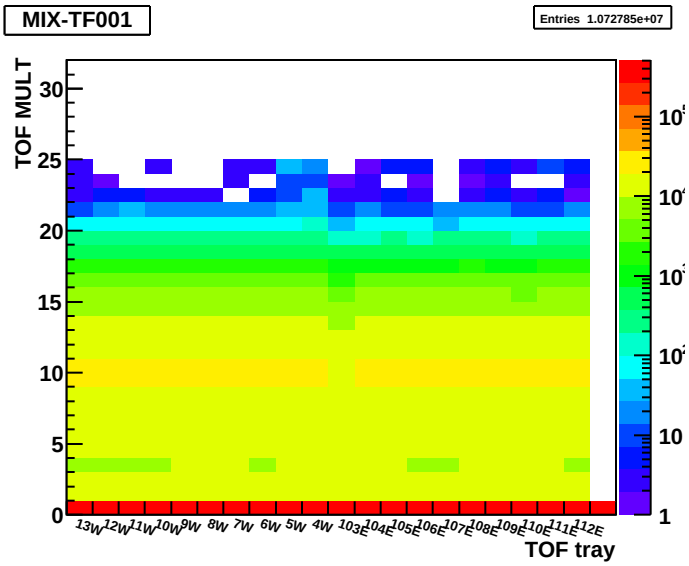

EM201 0-15 (ch3)
Entries 4086800
BHT0
BHT1
BHT2
BHT3
EHT2
EHT4
JP1
JP2
BJP1
BJP2
EJP1
EJP2
AJP
BAJP
EAJP

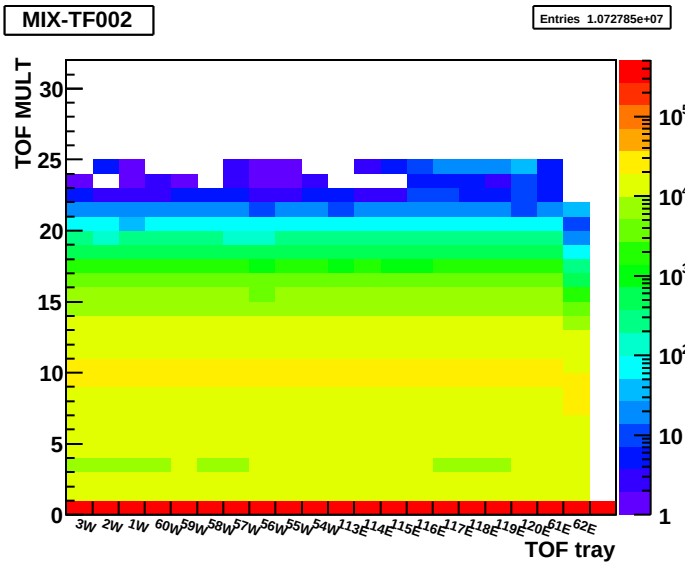

RAT board (ch4)
Entries 4086800
rat-0
rat-1
rat-2
rat-3
rat-4
rat-5
rat-6
rat-7
rat-8
rat-9
rat-10
rat-11
rat-12
rat-13
rat-14
rat-15

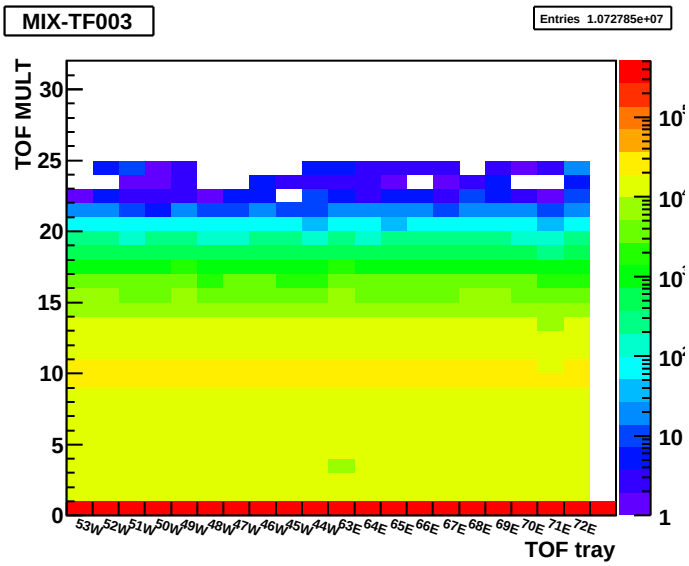

FP201 0-15 (ch5)
Entries 4086800
FMSsmallClusTh0
FMSsmallClusTh1
FMSsmallClusTh2
FMSsmallMulClusTh0
FMSsmallMulClusTh1
FMSsmallMulClusTh2
FMSsmallHT
FMSlargeClusTh0
FMSlargeClusTh1
FMSlargeClusTh2
FMSlargeMulClusTh0
FMSlargeMulClusTh1
FMSlargeMulClusTh2
FMSlargeHT
FPE

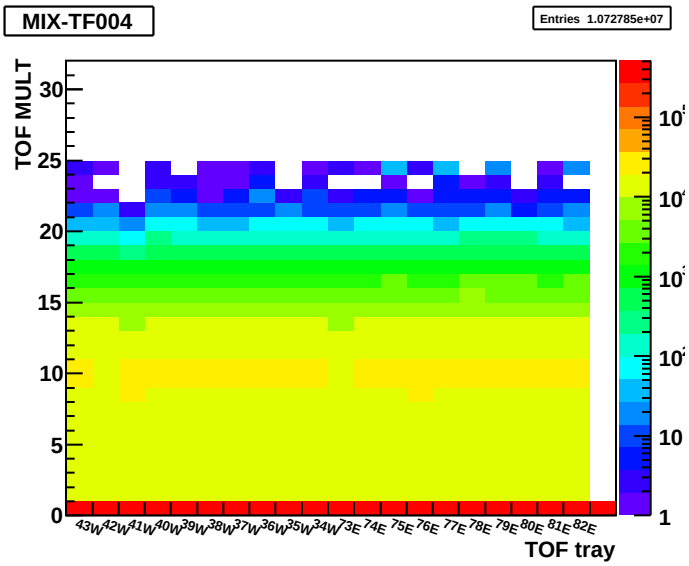

ST201 0-15 (ch6)
Entries 4086800
SpcTrgDetBit0
SpcTrgDetBit1
SpcTrgDetBit2
DetCrpBit0
DetCrpBit1
DetCrpBit2
DetCrpBit3
ZeroBias
Random

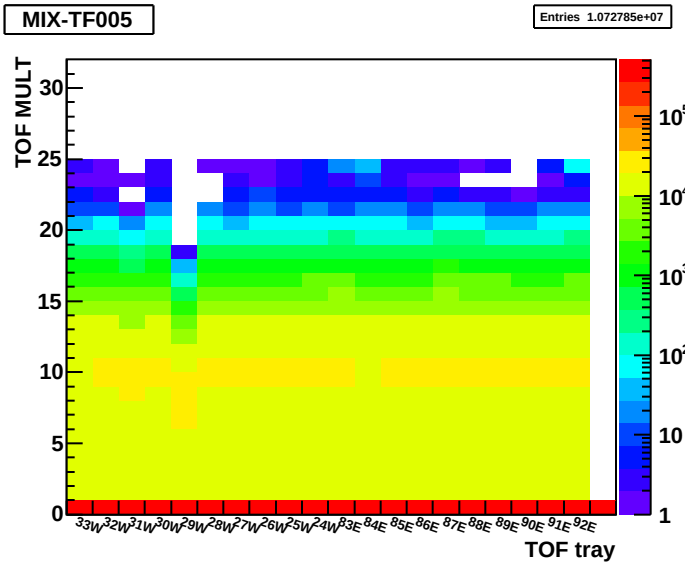

Unused (ch7)
Entries 4086800

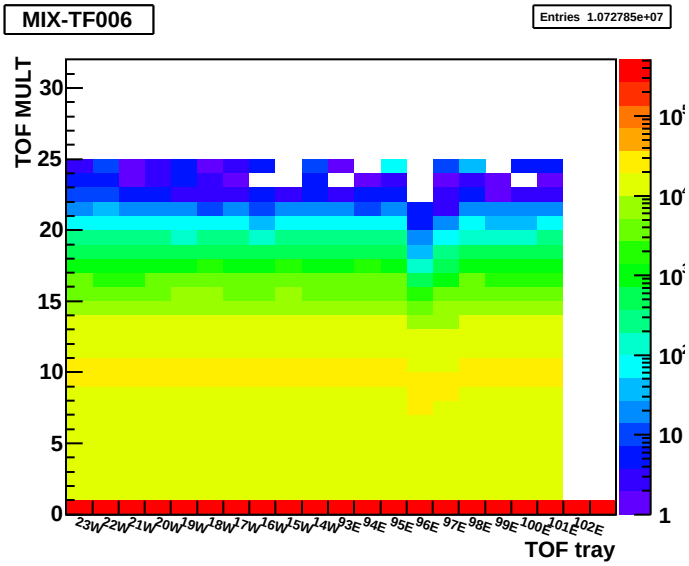

MIX-TF001
Entries 1.072785e+07
TOF MULT
TOF tray

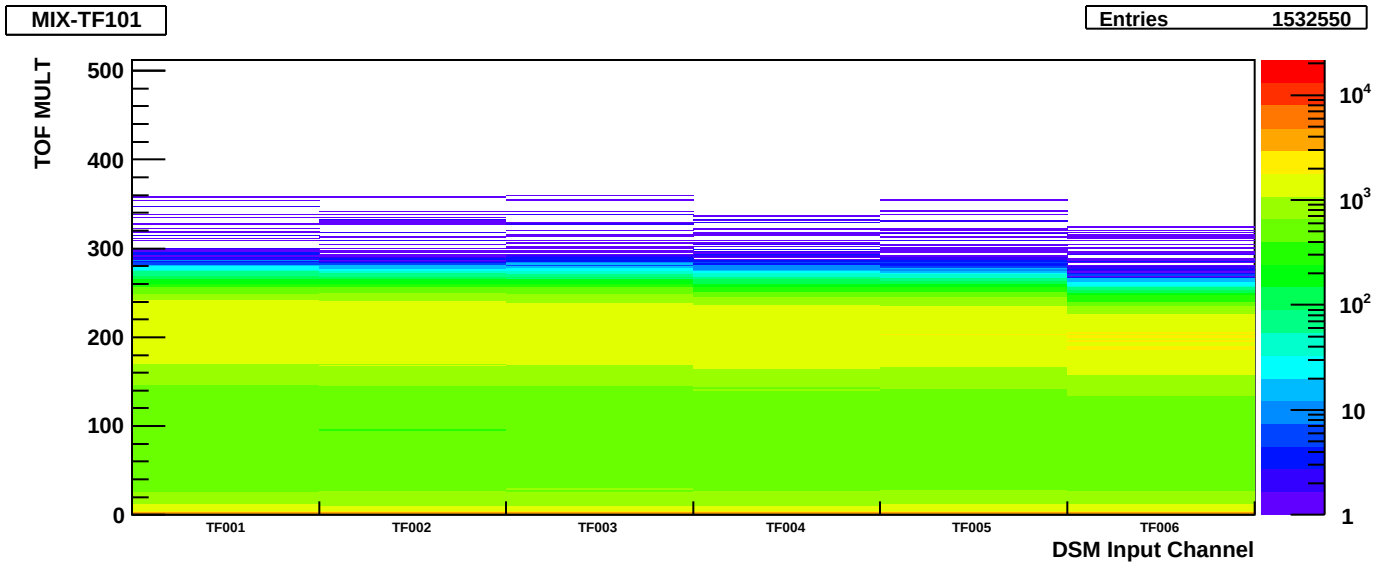

MIX-TF002
Entries 1.072785e+07
TOF MULT
TOF tray

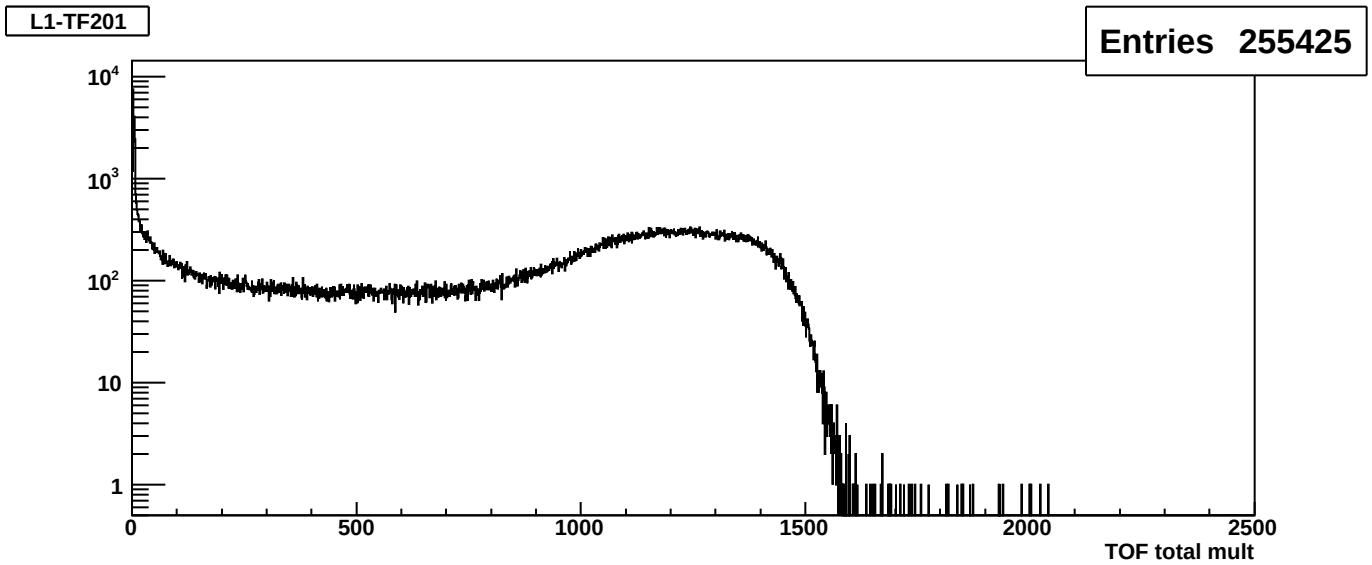

MIX-TF003
Entries 1.072785e+07
TOF MULT
TOF tray

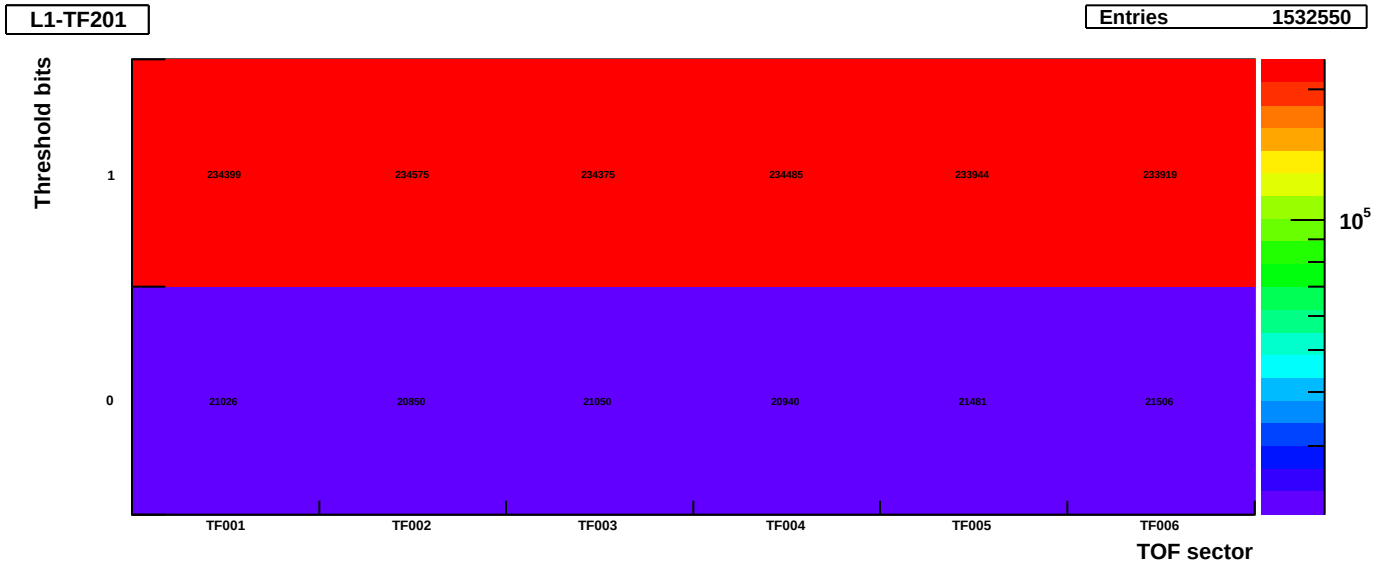

MIX-TF004
Entries 1.072785e+07
TOF MULT
TOF tray

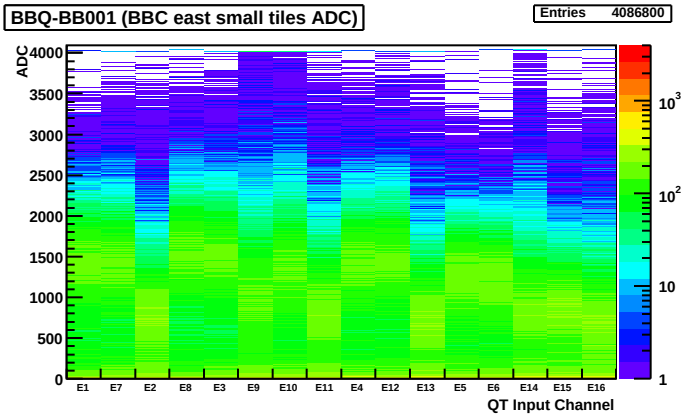

MIX-TF005
Entries 1.072785e+07
TOF MULT
TOF tray

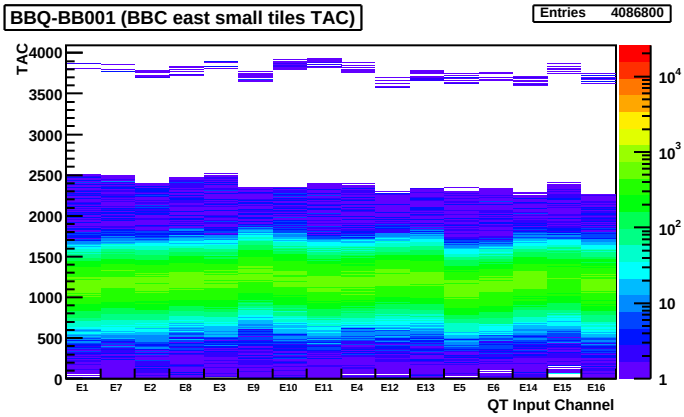

MIX-TF006
Entries 1.072785e+07
TOF MULT
TOF tray

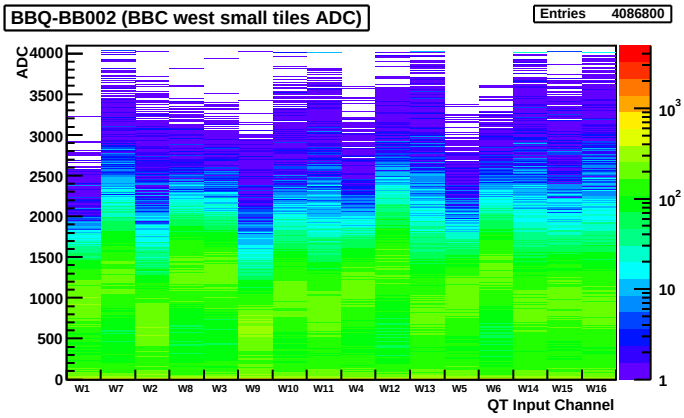

MIX-TF101
Entries 1532550
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^4
10^3
10^2
10
1

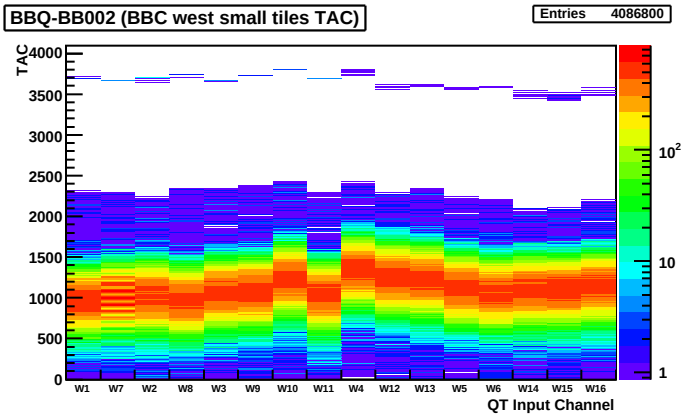

L1-TF201
Entries 255425
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

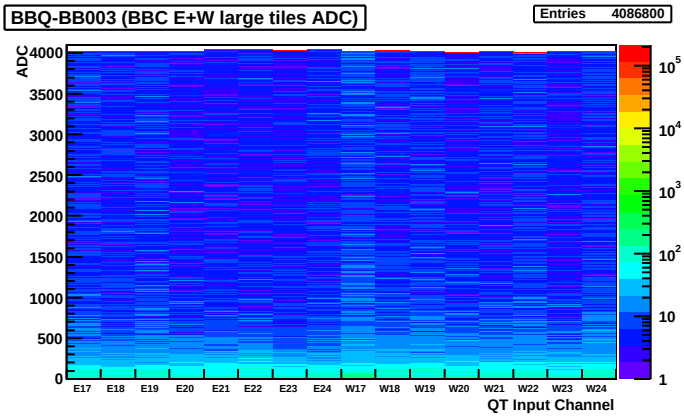

L1-TF201
Entries 1532550
Threshold bits
1
0
234399
234575
234375
234485
233944
233919
21026
20850
21050
20940
21481
21506
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^5

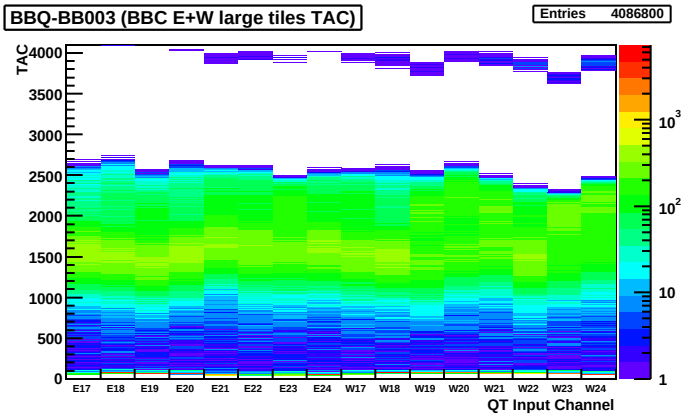

BBQ-BB001 (BBC east small tiles ADC)
Entries 4086800
ADC
QT Input Channel

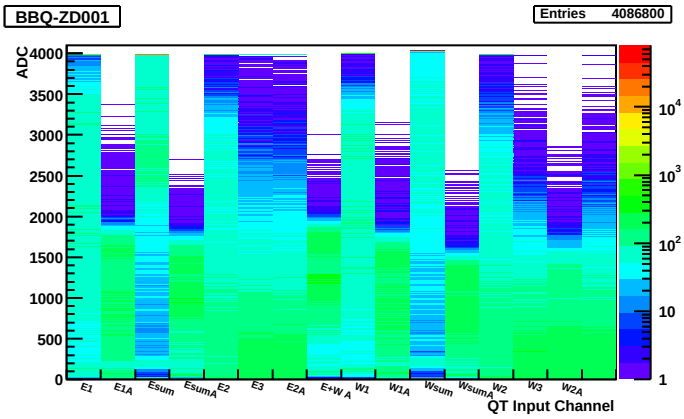

BBQ-BB001 (BBC east small tiles TAC)
Entries 4086800
TAC
QT Input Channel

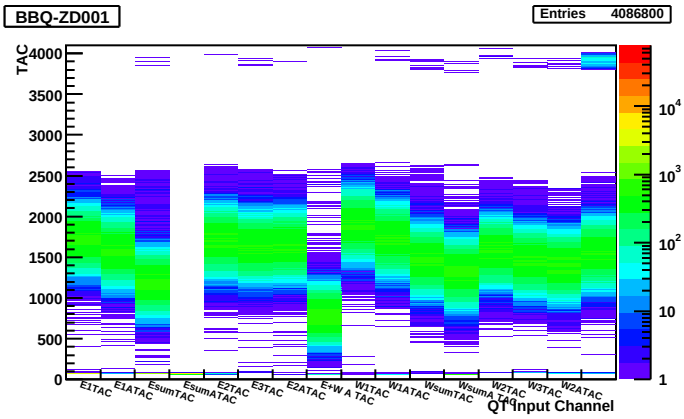

BBQ-BB002 (BBC west small tiles ADC)
Entries 4086800
ADC
QT Input Channel

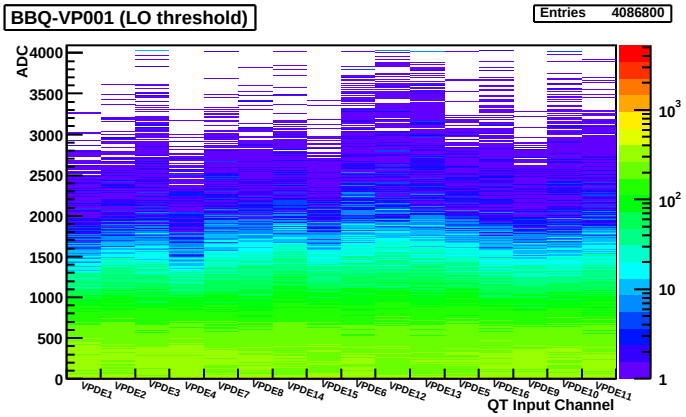

BBQ-BB002 (BBC west small tiles TAC)
Entries 4086800
TAC
QT Input Channel

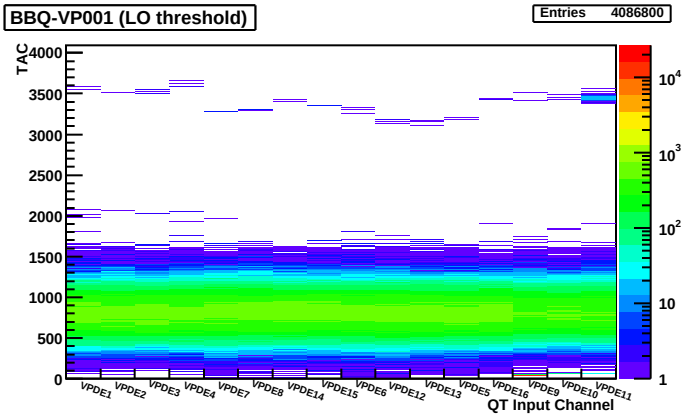

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 4086800
ADC
QT Input Channel

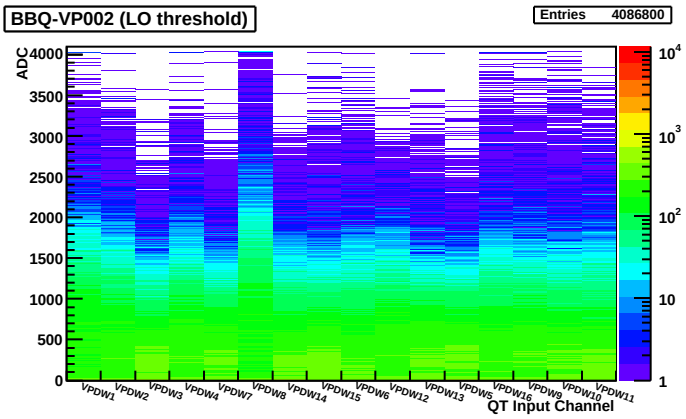

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 4086800
TAC
QT Input Channel

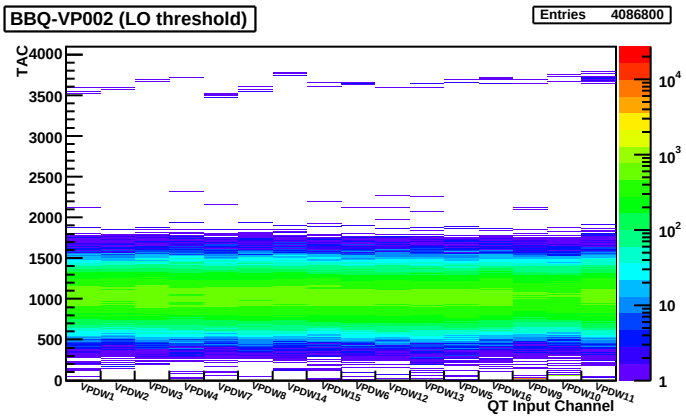

BBQ-ZD001
Entries 4086800
ADC
QT Input Channel

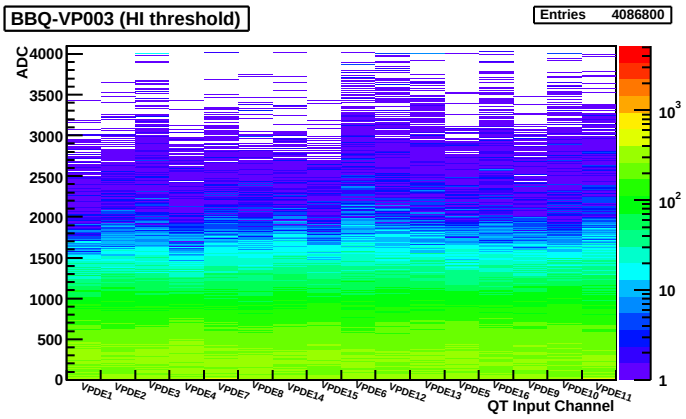

BBQ-ZD001
Entries 4086800
TAC
QT Input Channel

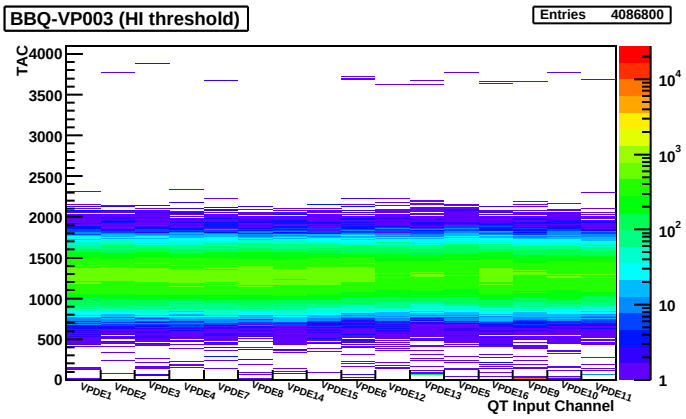

BBQ-VP001 (LO threshold)
Entries 4086800
ADC
QT Input Channel

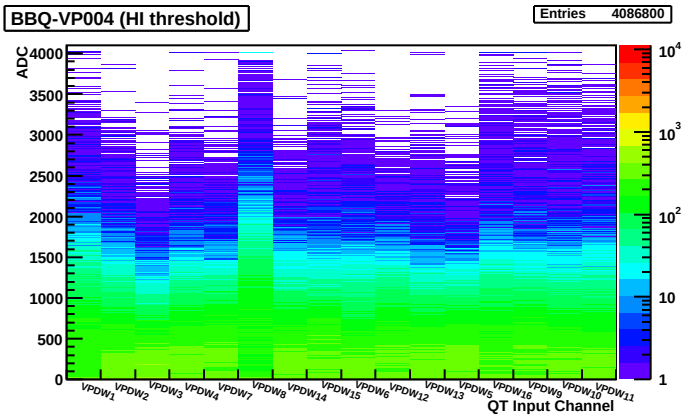

BBQ-VP001 (LO threshold)
Entries 4086800
TAC
QT Input Channel

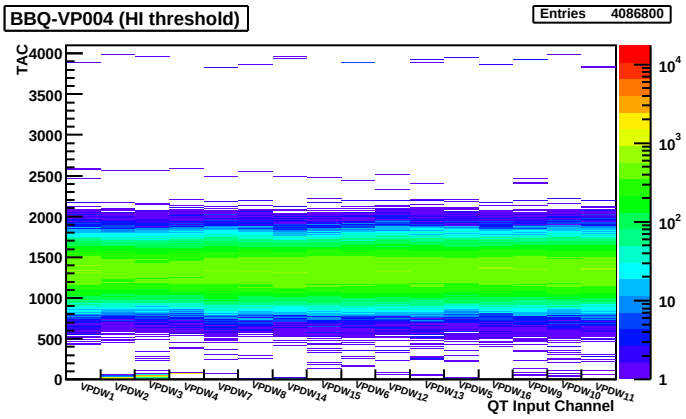

BBQ-VP002 (LO threshold)
Entries 4086800
ADC
QT Input Channel


BBQ-VP002 (LO threshold)
Entries 4086800
TAC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 4086800
ADC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 4086800
TAC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 4086800
ADC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 4086800
TAC
QT Input Channel