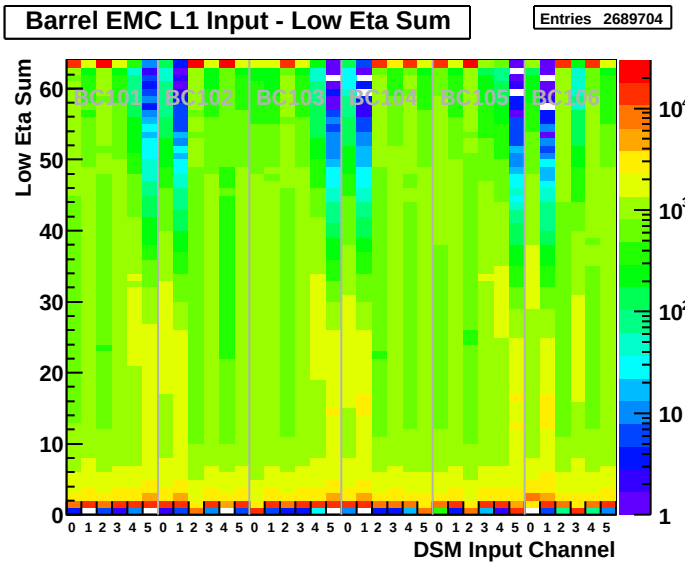
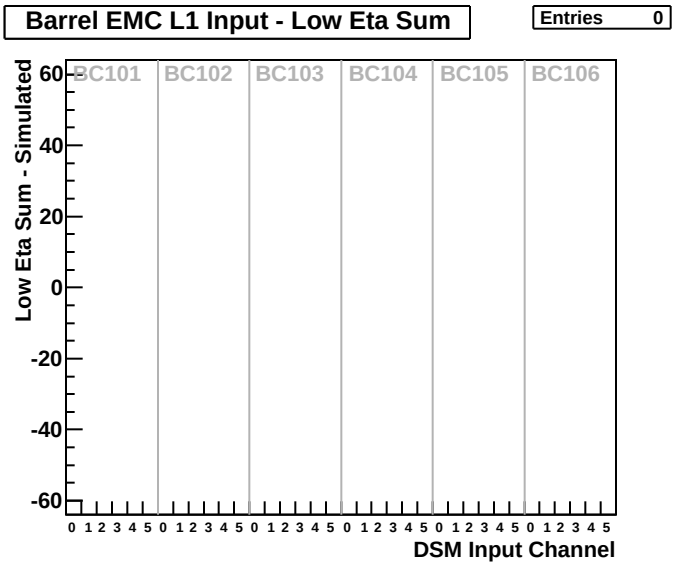
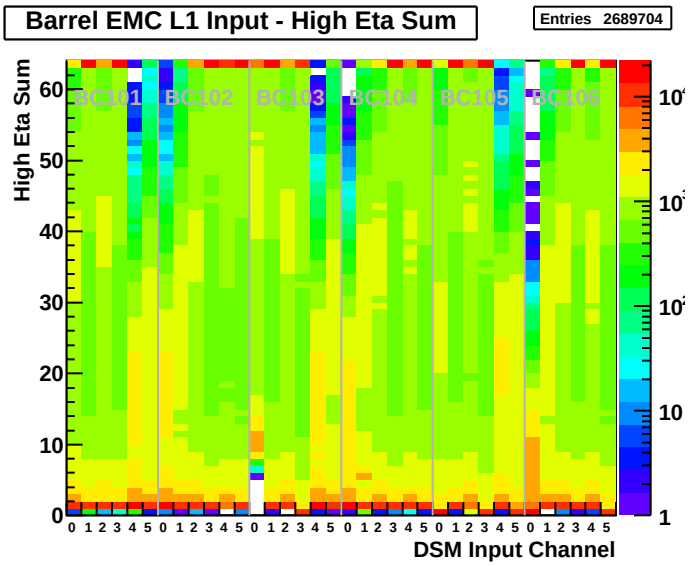
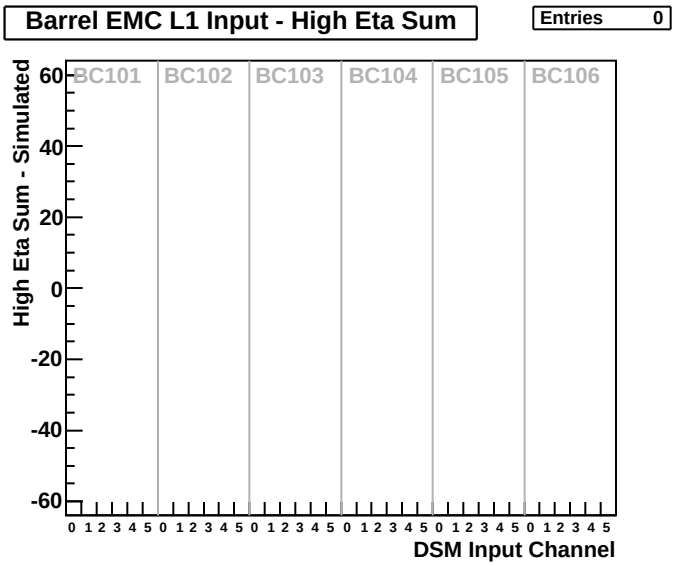
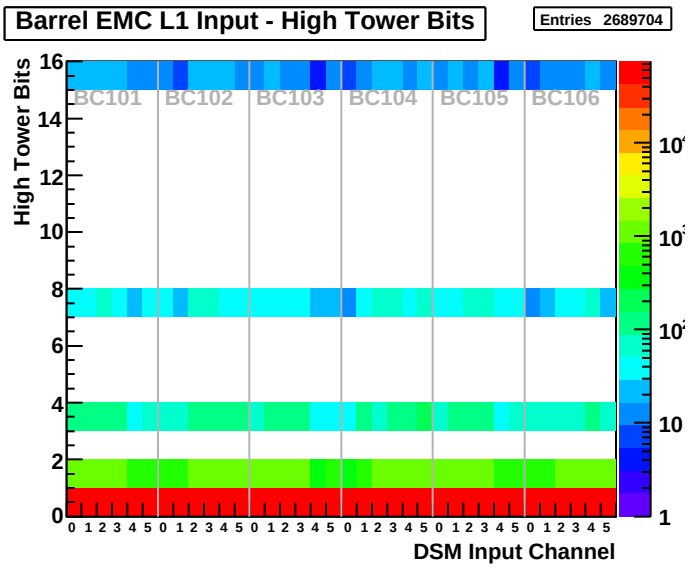
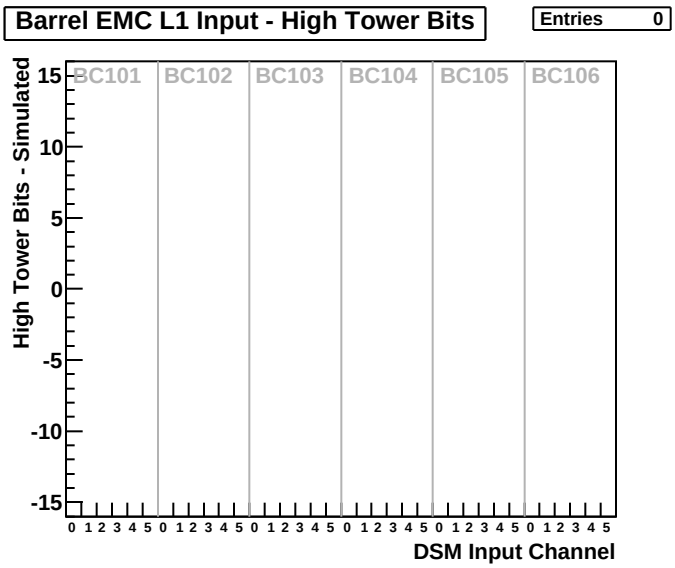

Barrel EMC L1 Input - Low Eta Sum
Entries 2689704
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

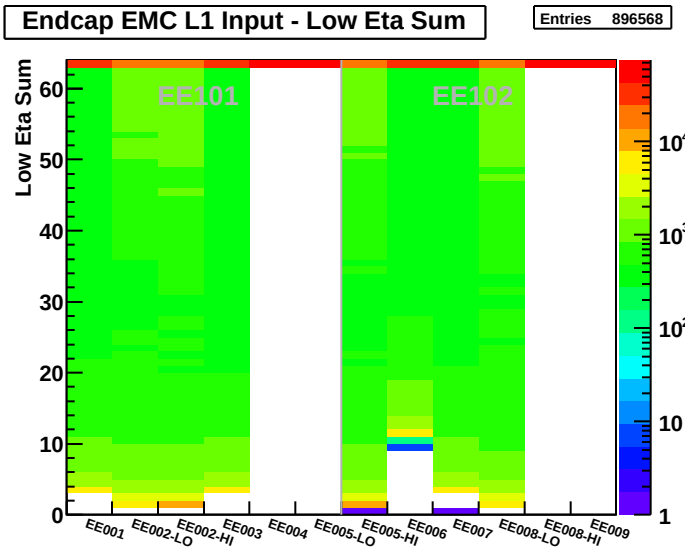

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

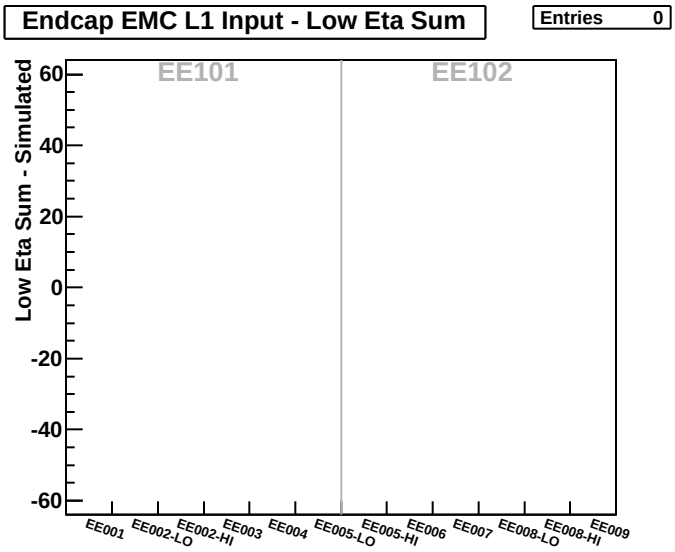

Barrel EMC L1 Input - High Eta Sum
Entries 2689704
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

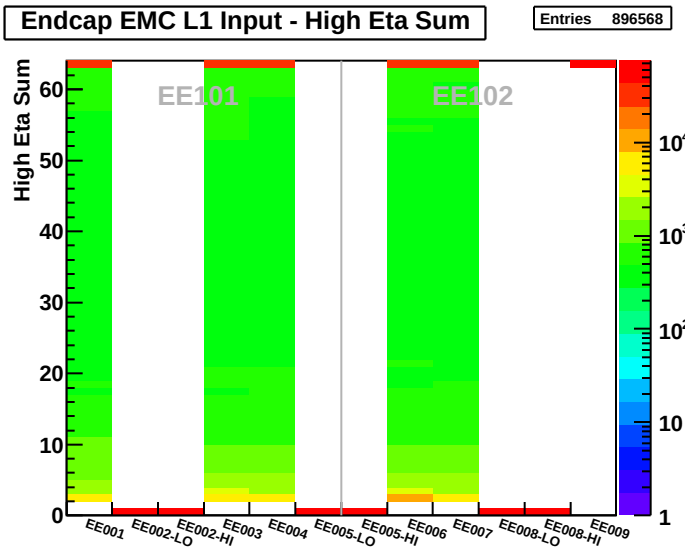

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

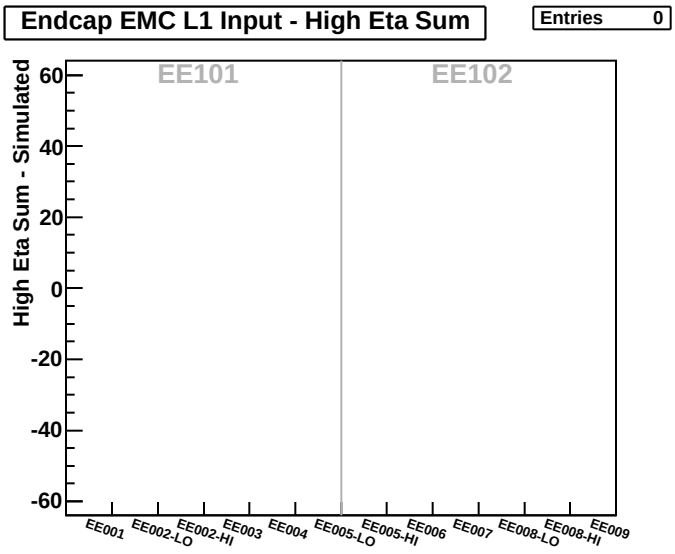

Barrel EMC L1 Input - High Tower Bits
Entries 2689704
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

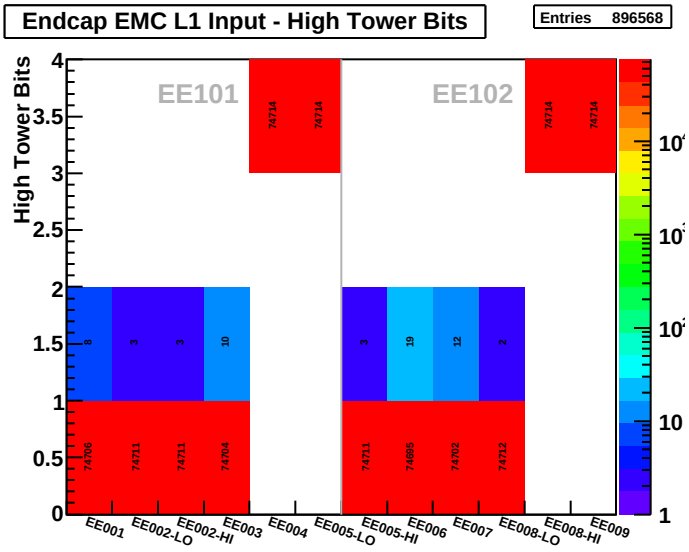

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

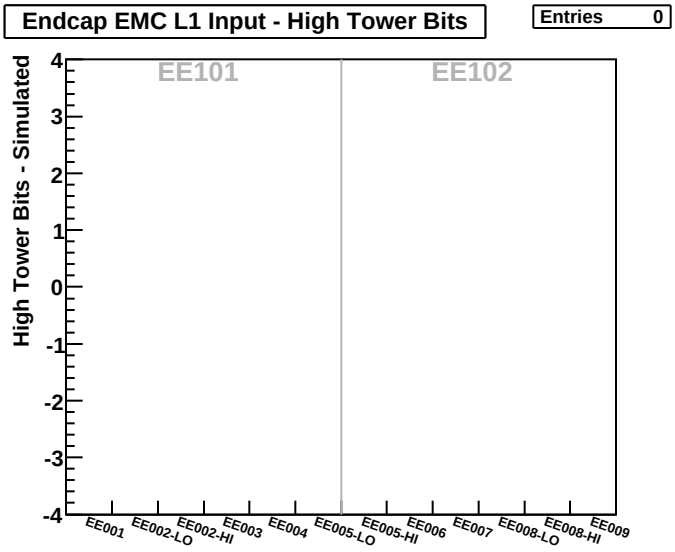

Endcap EMC L1 Input - Low Eta Sum
Entries 896568
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

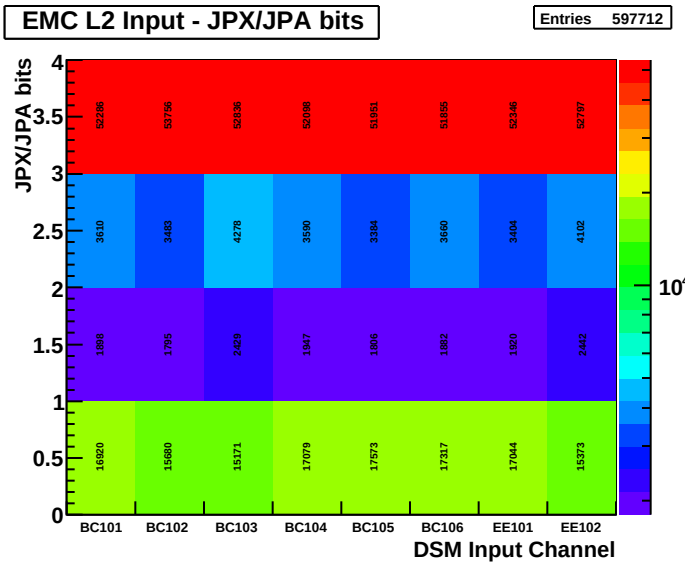

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

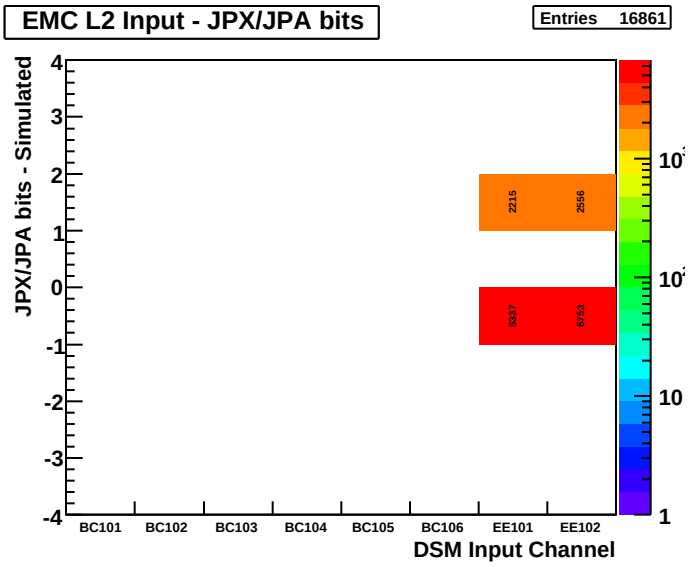

Endcap EMC L1 Input - High Eta Sum
Entries 896568
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

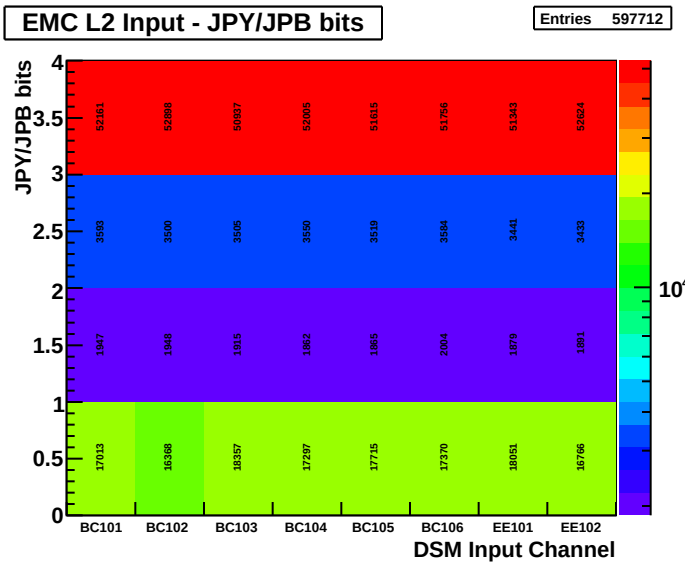

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

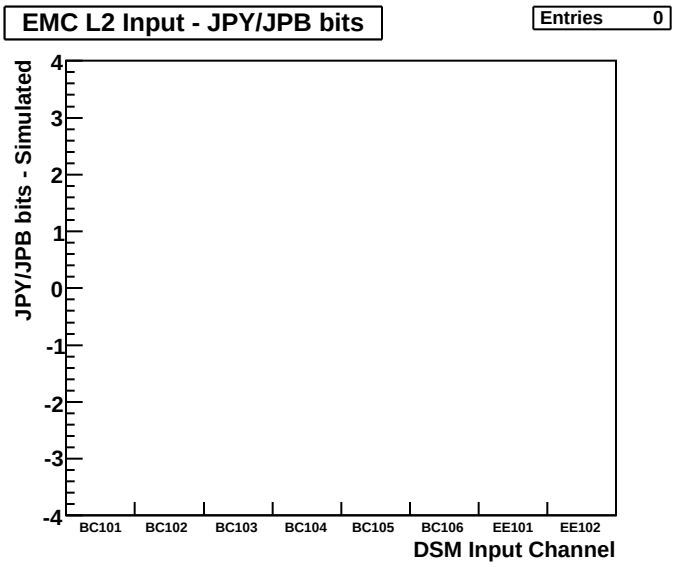

Endcap EMC L1 Input - High Tower Bits
Entries 896568
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

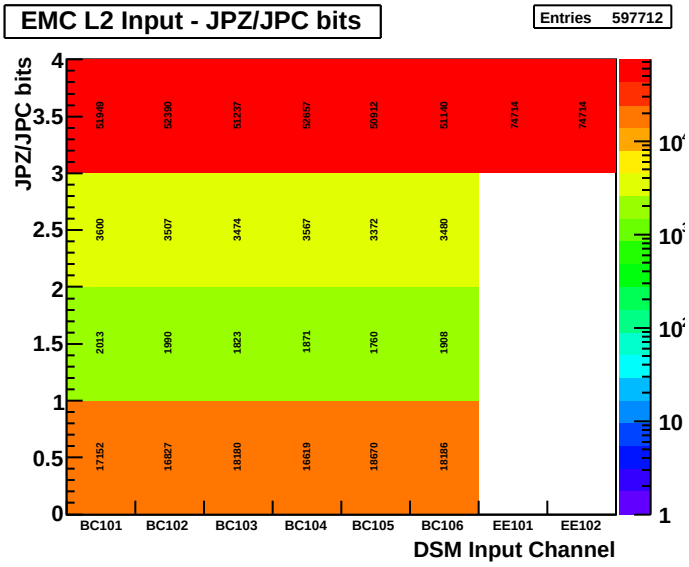

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

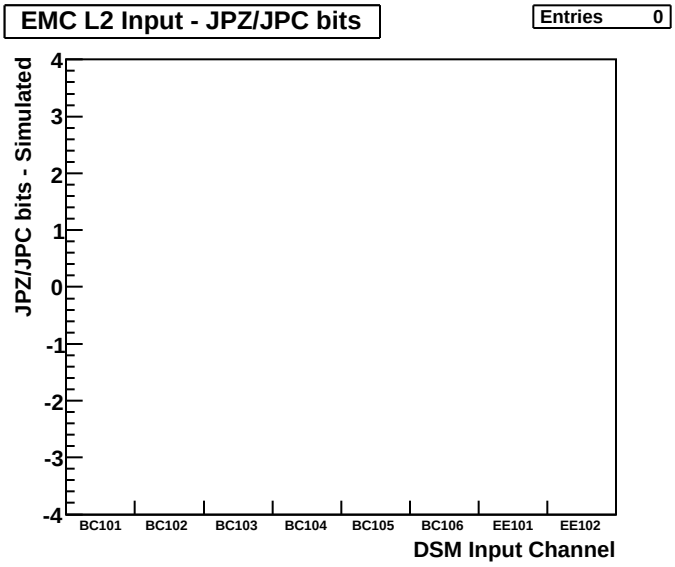

EMC L2 Input - JPX/JPA bits
Entries 597712
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
52286 53756 52836 52098 51951 51855 52346 52797
3610 3483 4278 3590 3384 3660 3404 4102
1898 1795 2429 1947 1806 1882 1920 2442
16920 15680 15171 17079 17573 17317 17044 15373

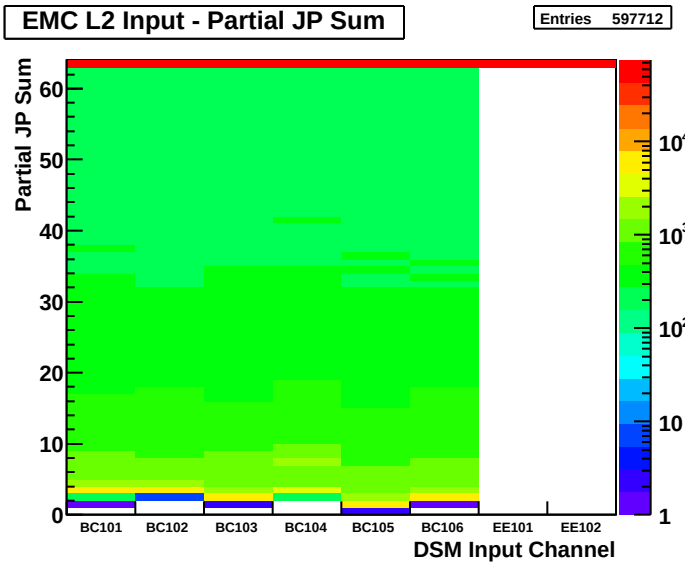

EMC L2 Input - JPX/JPA bits
Entries 16861
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
2215 2556
5337 6753

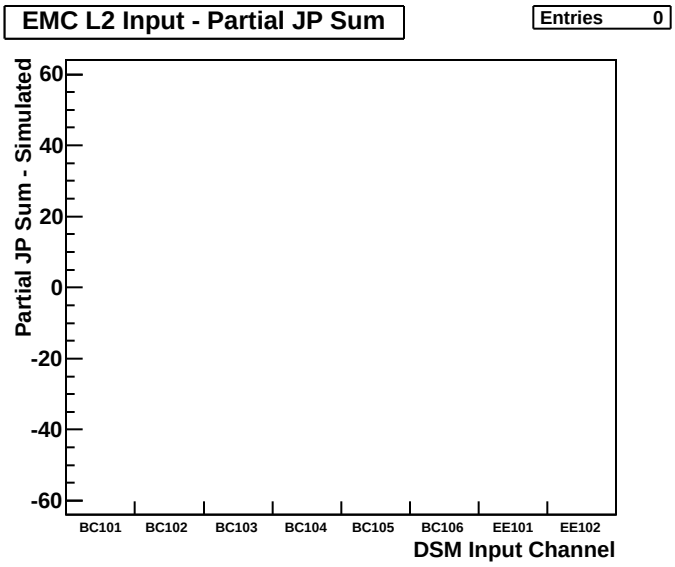

EMC L2 Input - JPY/JPB bits
Entries 597712
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
52161 52888 50937 52005 51615 51756 51343 52624
3593 3500 3506 3550 3519 3584 3441 3433
1947 1940 1915 1852 1855 2004 1878 1891
17013 16368 18357 17297 17715 17370 18051 16766

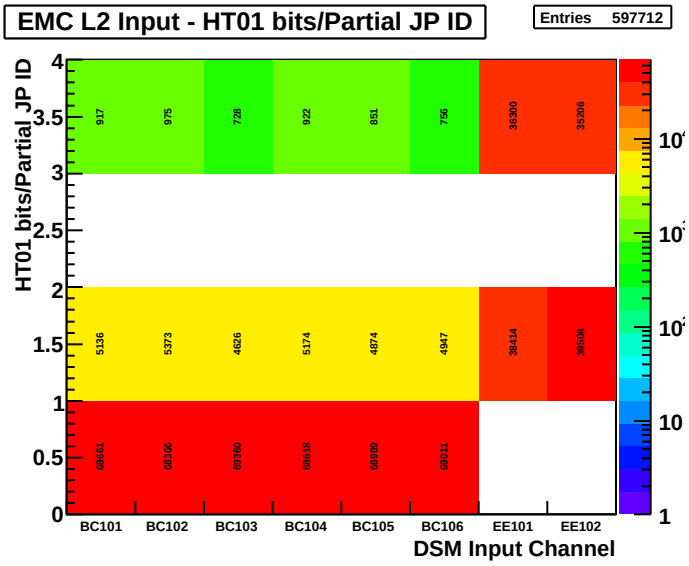

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

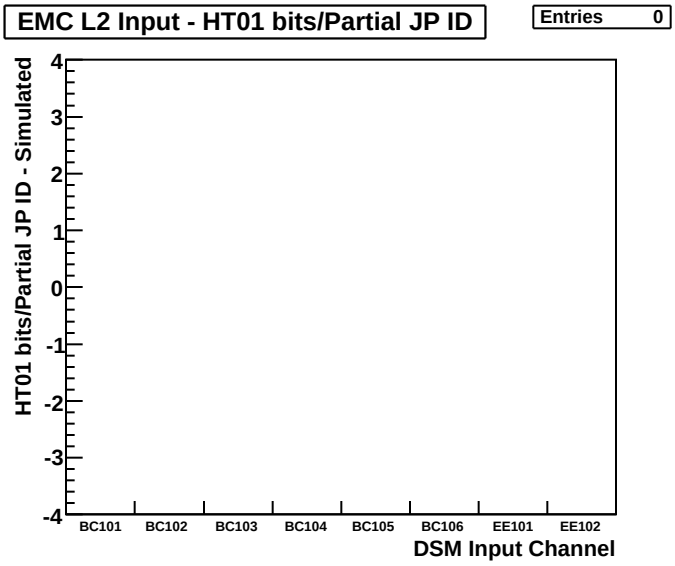

EMC L2 Input - JPZ/JPC bits
Entries 597712
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
51949 52390 51237 52657 50912 51140 74714 74714
3600 3507 3474 3567 3372 3480
2013 1990 1823 1871 1760 1908
17152 16827 18180 16619 18670 18186

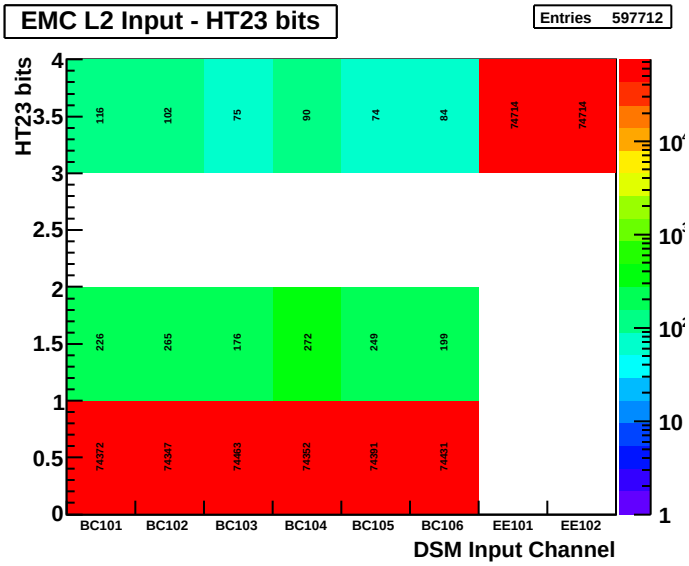

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

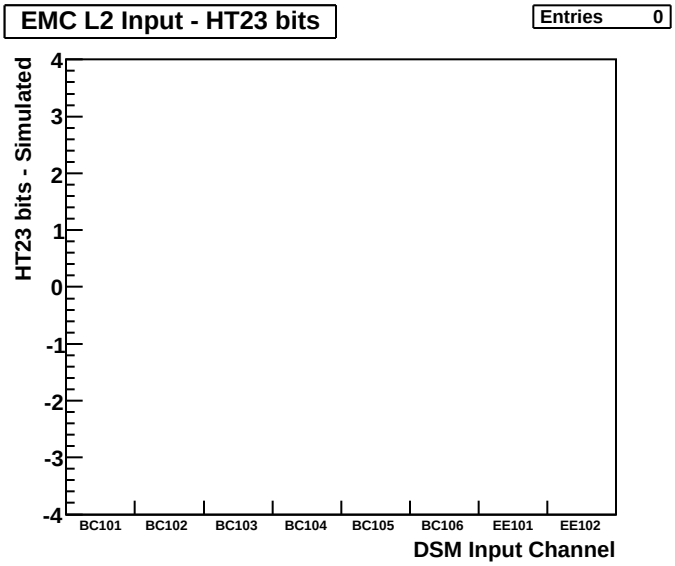

EMC L2 Input - Partial JP Sum
Entries 597712
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

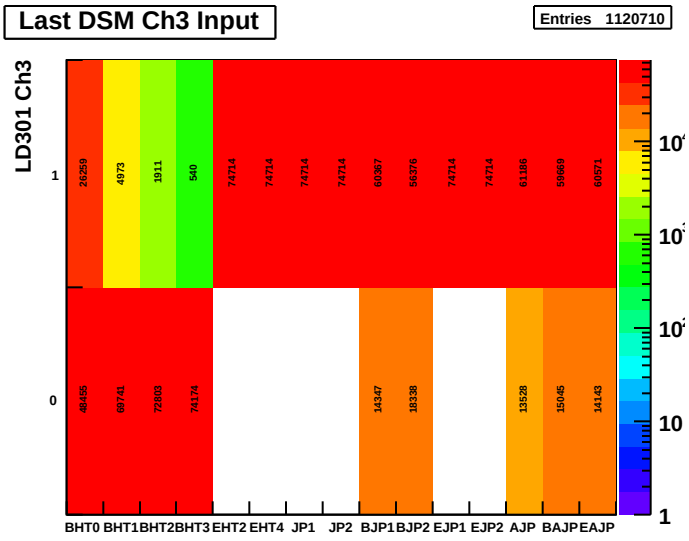

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

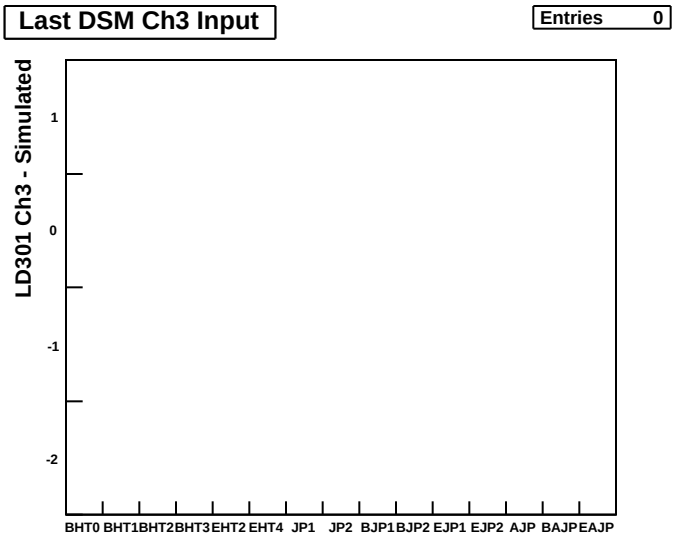

EMC L2 Input - HT01 bits/Partial JP ID
Entries 597712
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

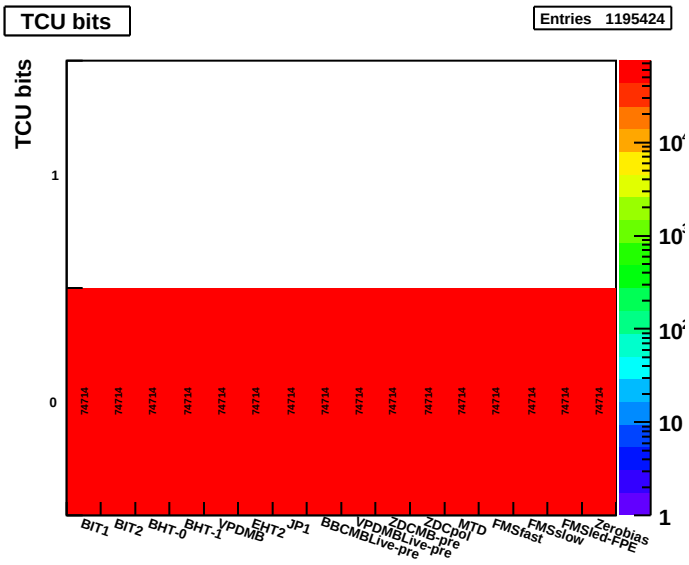

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

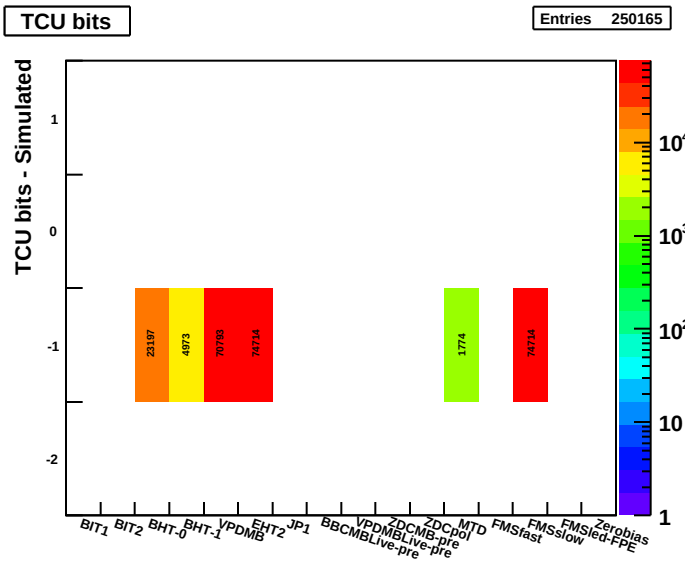

EMC L2 Input - HT23 bits
Entries 597712
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

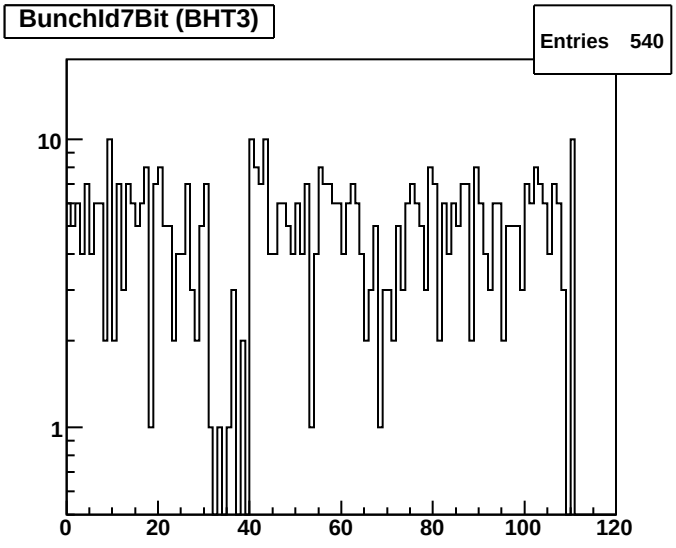

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

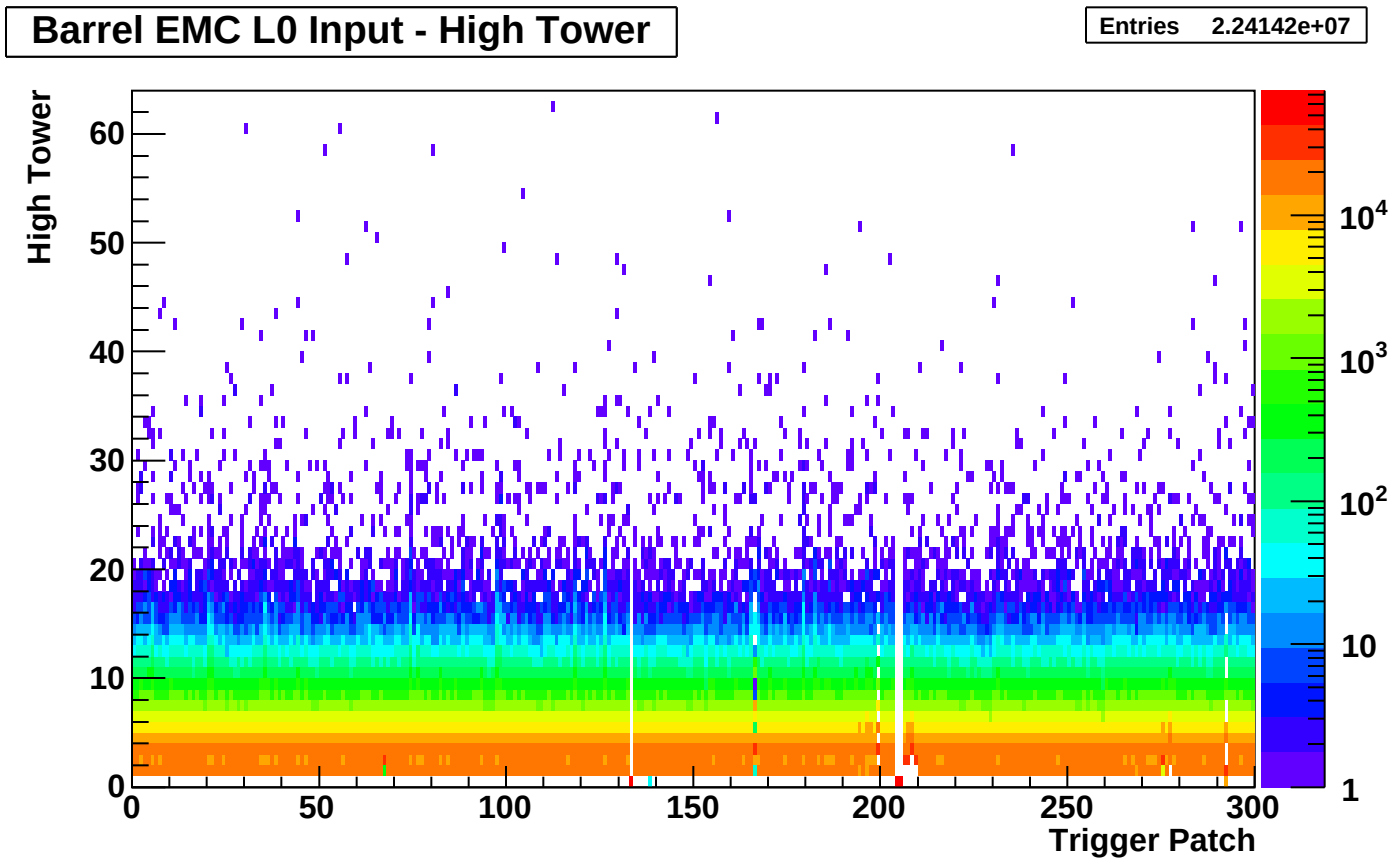

Last DSM Ch3 Input
Entries 1120710
LD301 Ch3
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

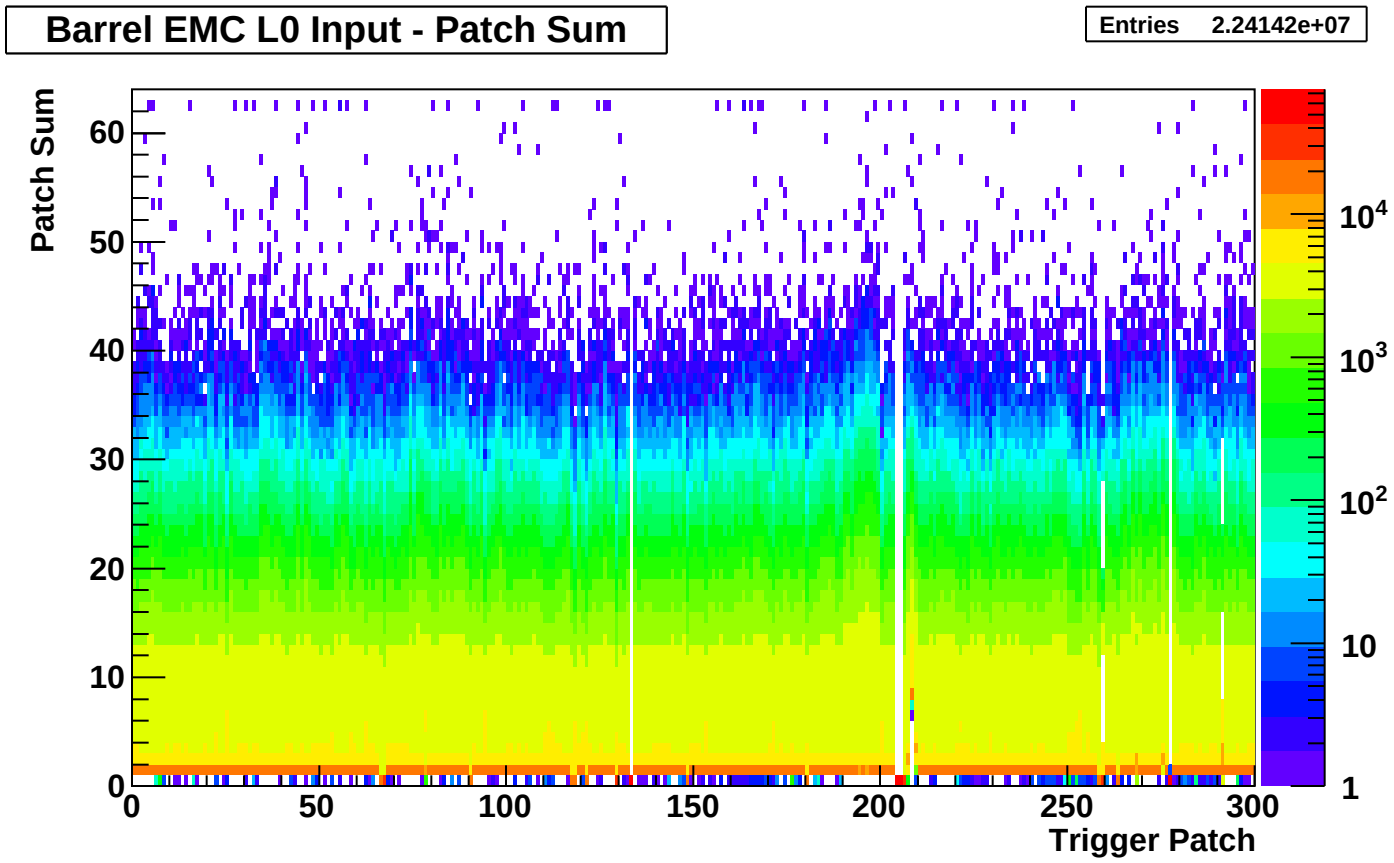

Last DSM Ch3 Input
Entries 0
LD301 Ch3 - Simulated
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

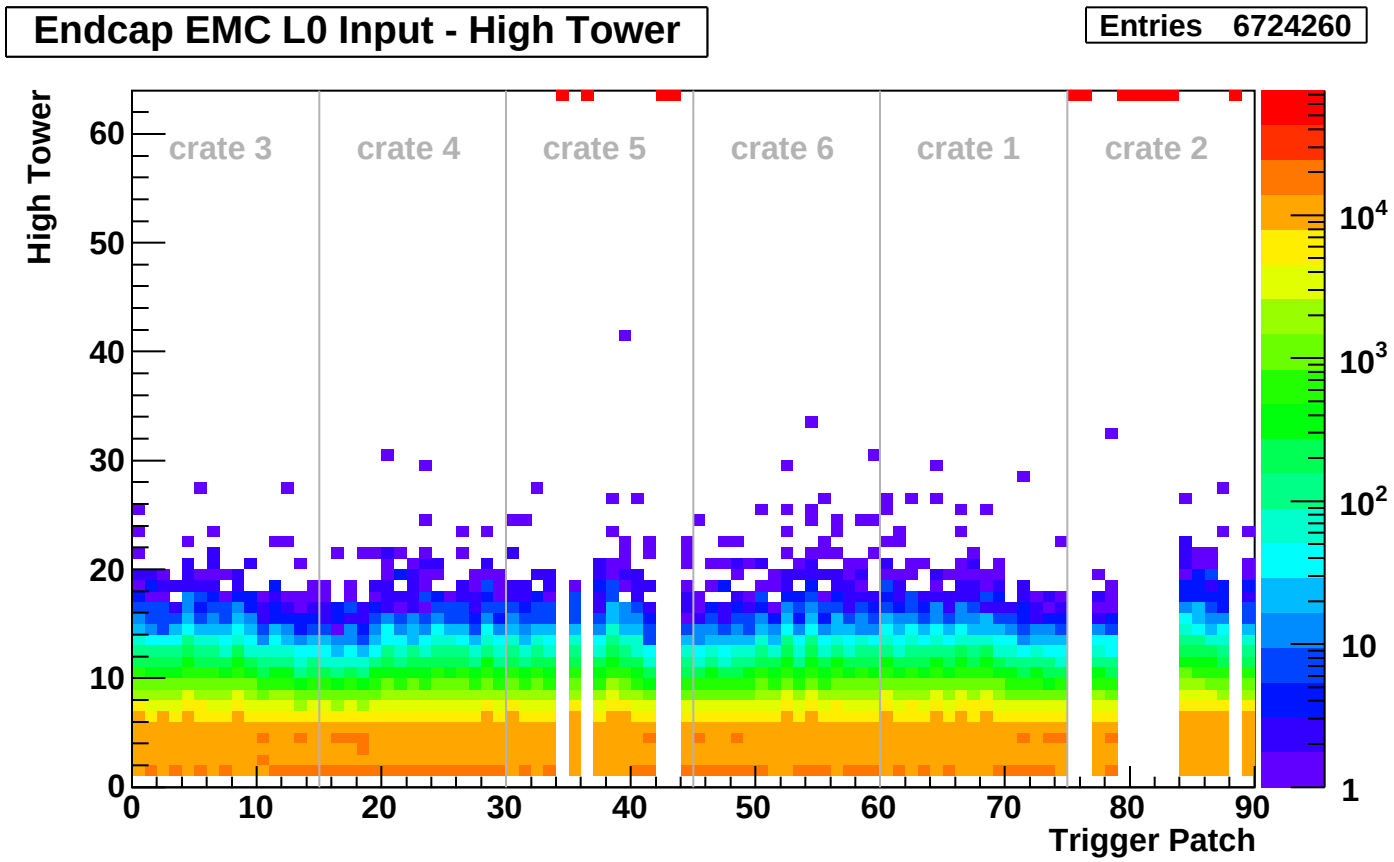

TCU bits
Entries 1195424
TCU bits
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

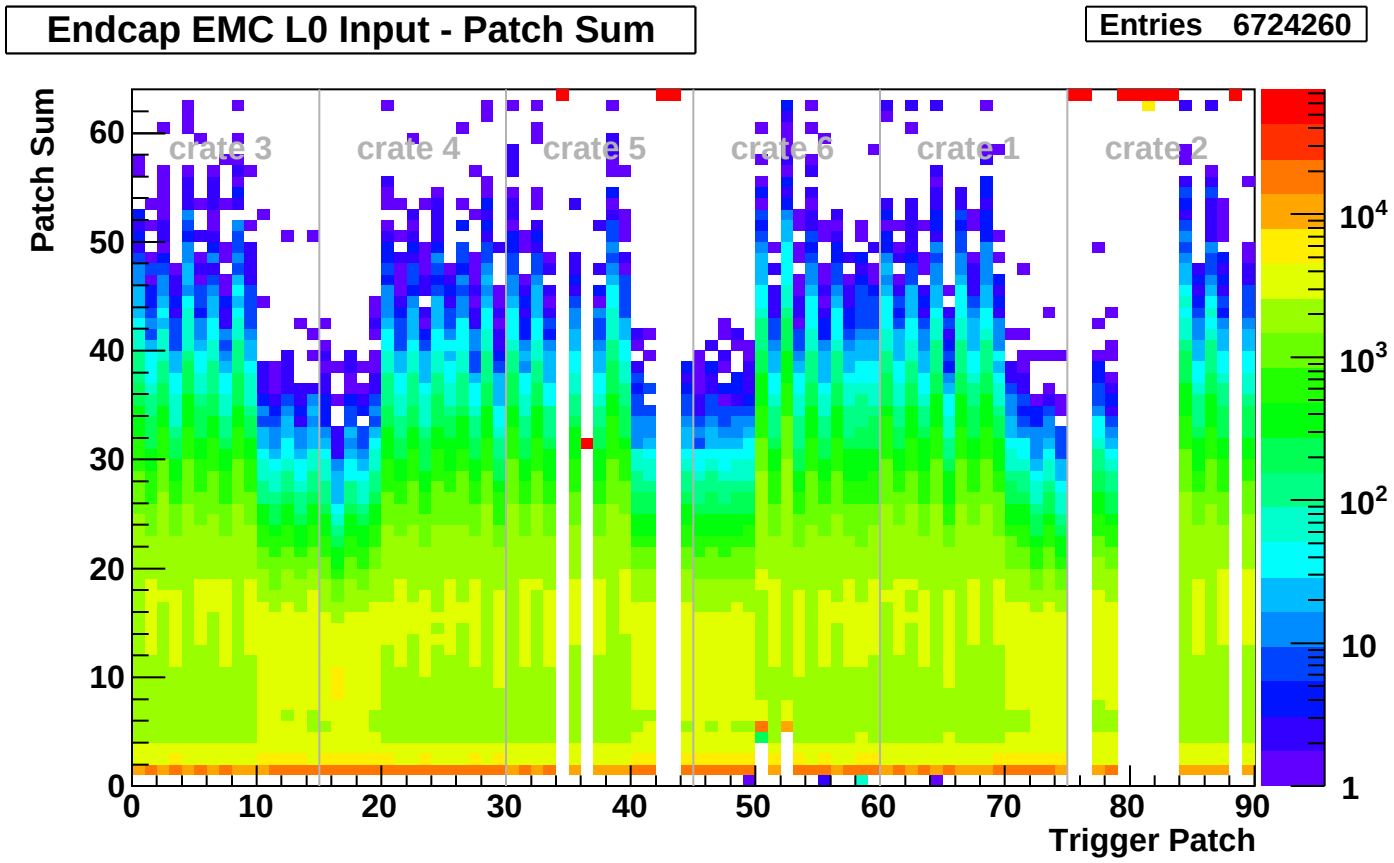

TCU bits
Entries 250165
TCU bits - Simulated
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

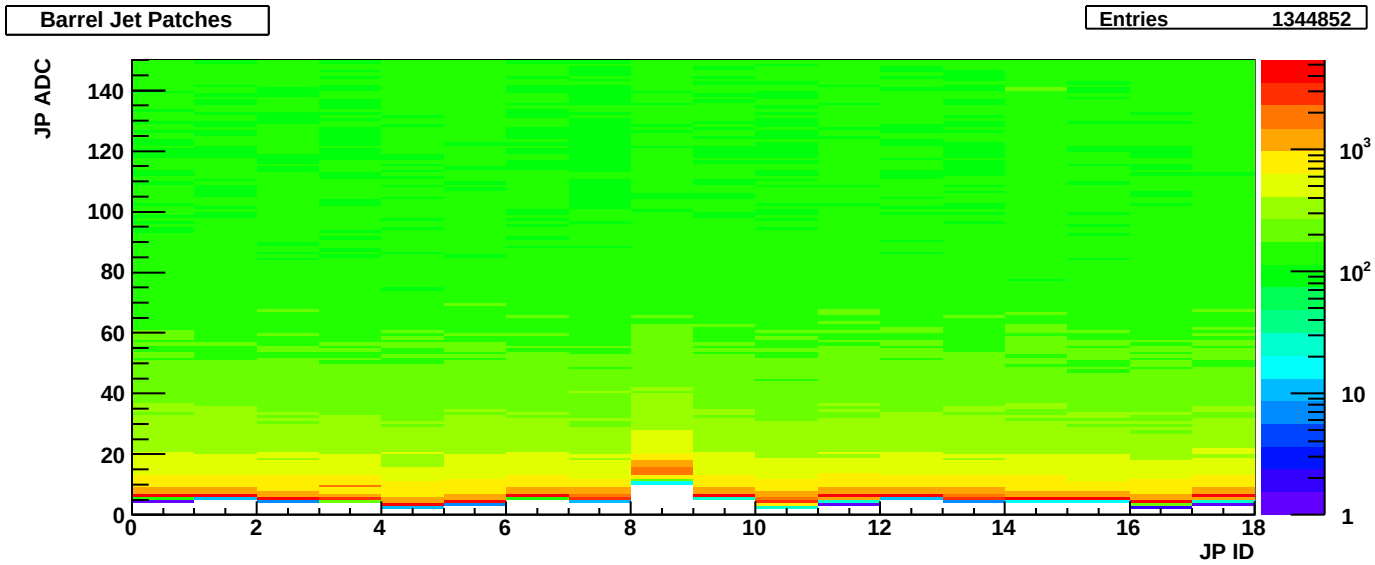

BunchId7Bit (BHT3)
Entries 540

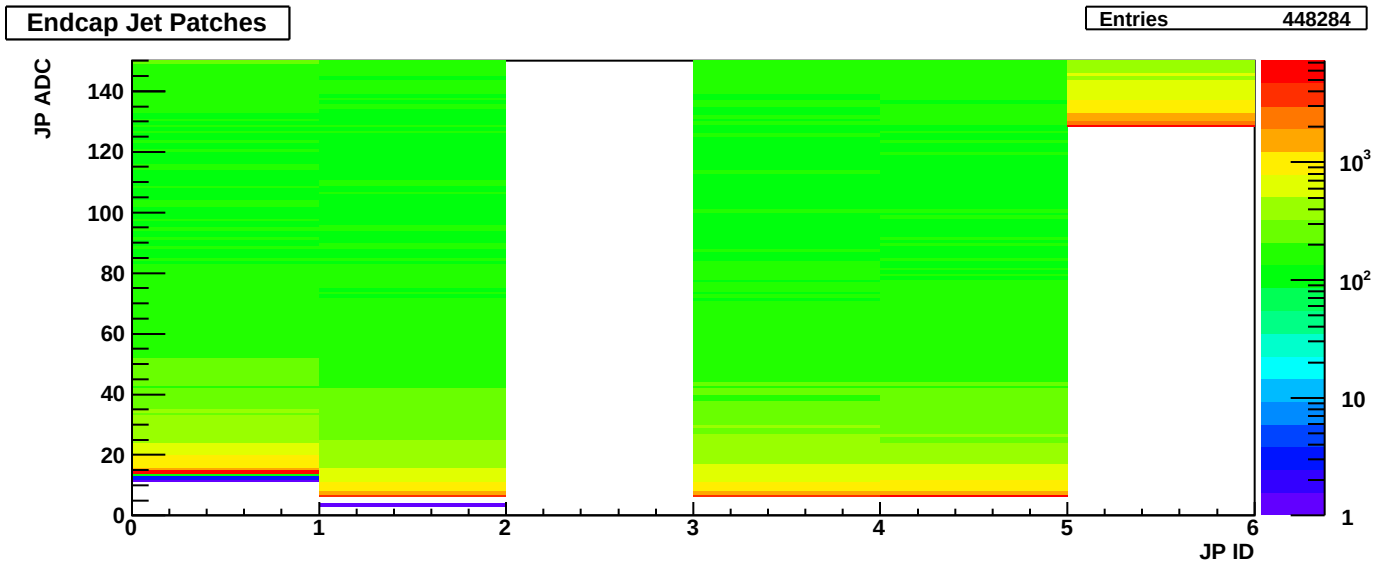

Barrel EMC L0 Input - High Tower
Entries 2.24142e+07
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

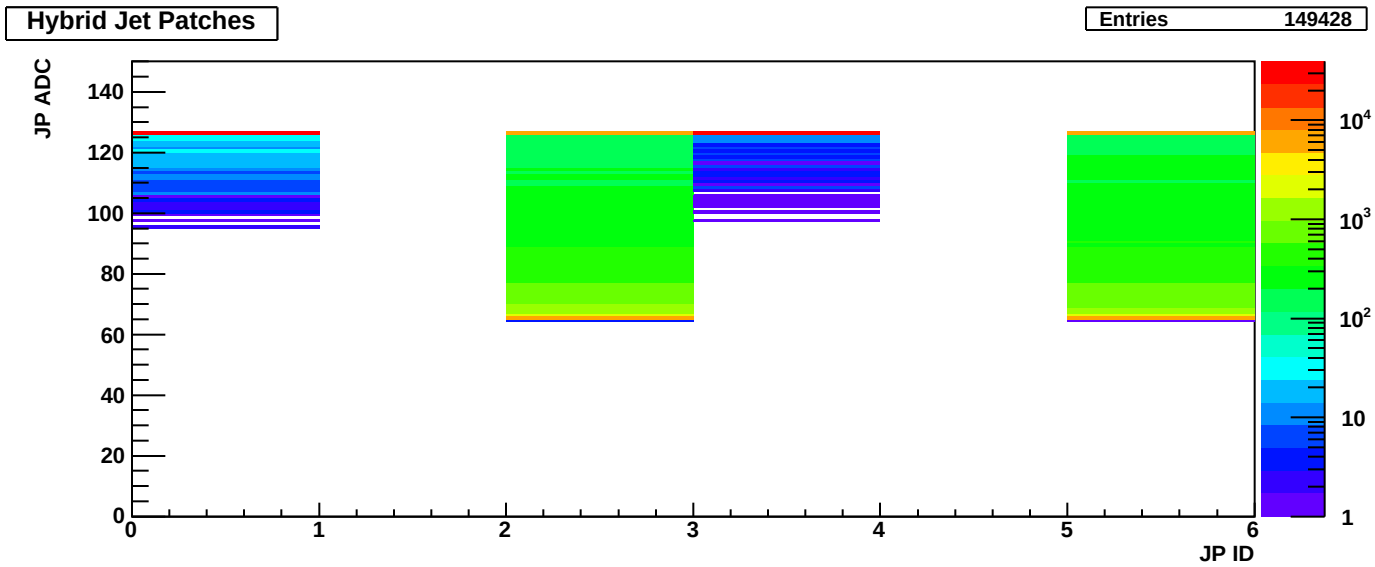

Barrel EMC L0 Input - Patch Sum
Entries 2.24142e+07
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

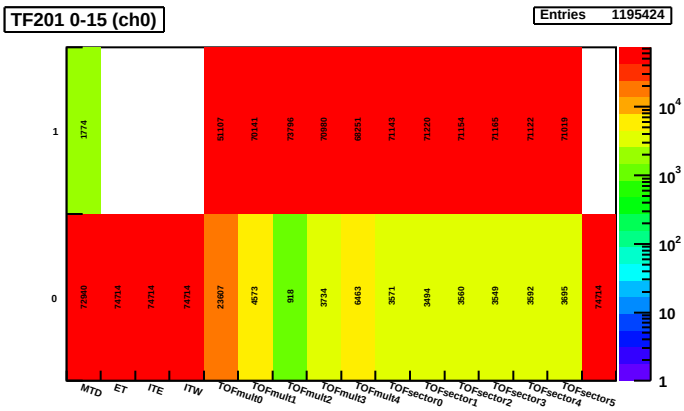

Endcap EMC L0 Input - High Tower
Entries 6724260
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

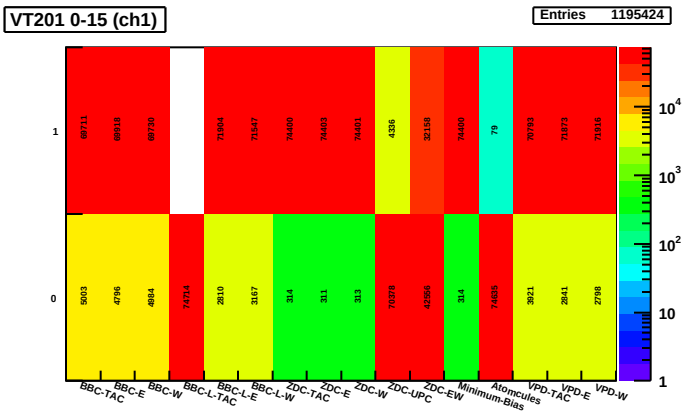

Endcap EMC L0 Input - Patch Sum
Entries 6724260
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

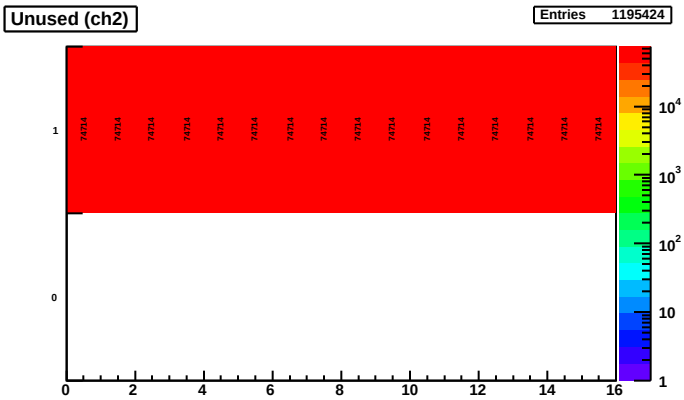

Barrel Jet Patches
Entries 1344852
JP ADC
JP ID

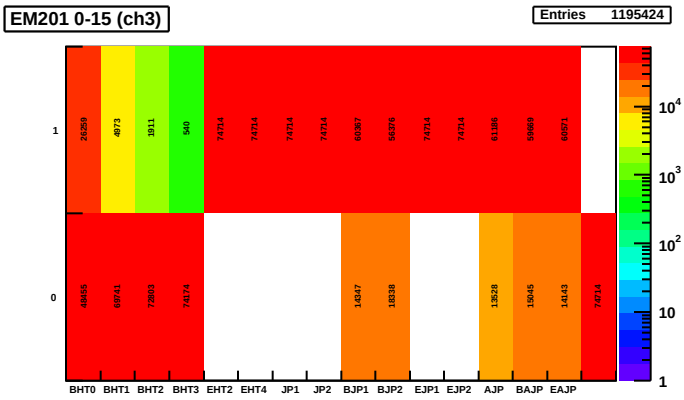

Endcap Jet Patches
Entries 448284
JP ADC
JP ID

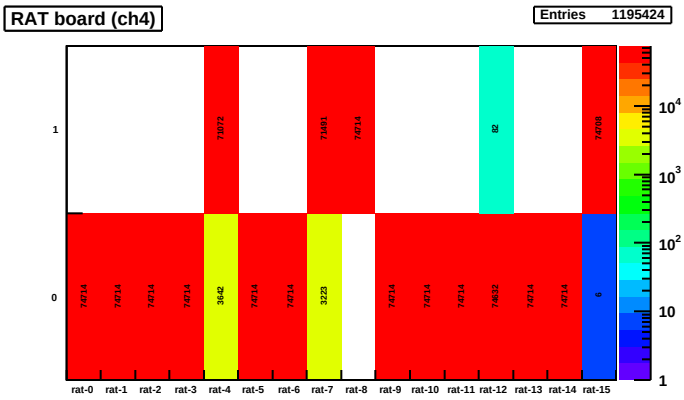

Hybrid Jet Patches
Entries 149428
JP ADC
JP ID

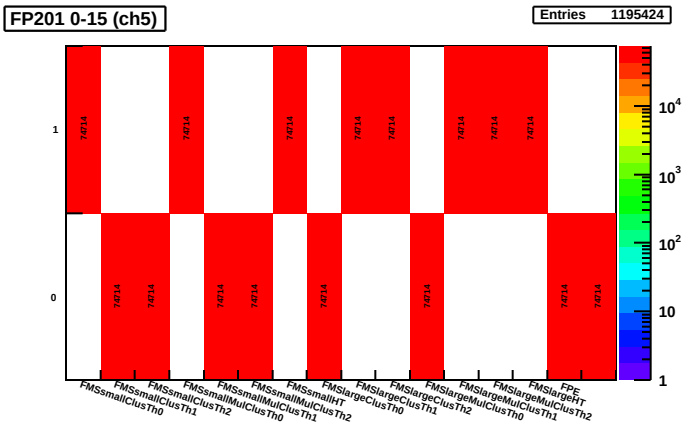

TF201 0-15 (ch0)
Entries 1195424
1774
51107
70141
73796
70980
68251
71143
71220
71154
71165
71122
71019
72980
74714
74714
74714
23907
4573
918
3734
6463
3571
3494
3560
3549
3592
3695
74714
MTD
ET
ITE
ITW
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFmult4
TOFsector0
TOFsector1
TOFsector2
TOFsector3
TOFsector4
TOFsector5

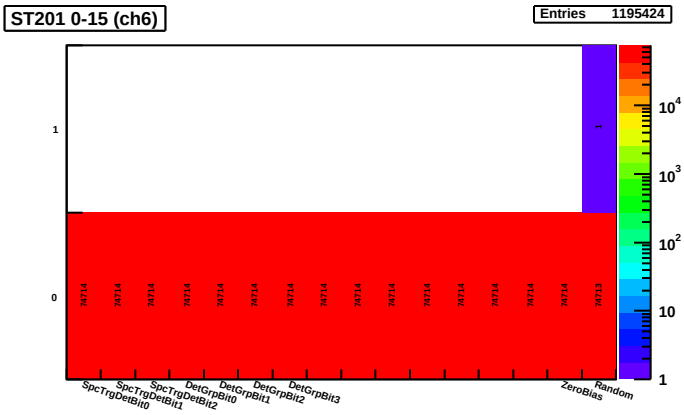

VT201 0-15 (ch1)
Entries 1195424
69711
69918
69730
71904
71547
74400
74403
74401
4336
32158
74400
79
70793
71873
71916
5003
4796
4984
74714
2810
3167
314
311
313
70378
42556
314
74635
3921
2841
2798
BBC-TAC
BBC-E
BBC-W
BBC-L-TAC
BBC-L-E
BBC-L-W
ZDC-TAC
ZDC-E
ZDC-W
ZDC-UPC
ZDC-EW
Minimum-Bias
Atomcules
VPD-TAC
VPD-E
VPD-W

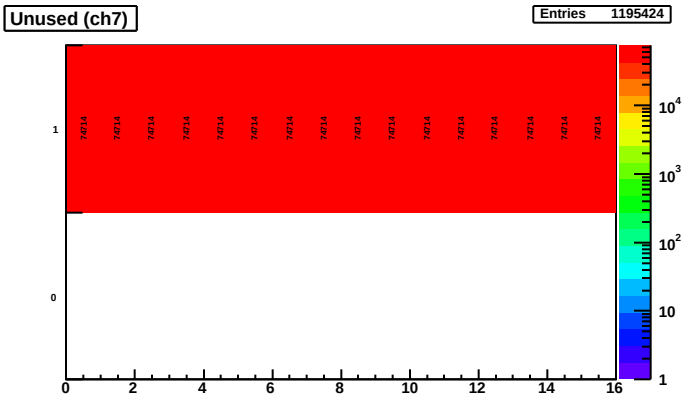

Unused (ch2)
Entries 1195424
74714
74714
74714
74714
74714
74714
74714
74714
74714
74714
74714
74714
74714
74714
74714
74714


EM201 0-15 (ch3)
Entries 1195424
25259
4973
3911
540
74714
74714
74714
74714
60387
56376
74714
74714
61186
59669
60571
48455
68741
72803
74714
14347
18338
13528
13045
14143
74714
BHT0
BHT1
BHT2
BHT3
EHT2
EHT4
JP1
JP2
BJP1
BJP2
EJP1
EJP2
AJP
BAJP
EAJP


RAT board (ch4)
Entries 1195424
71972
71491
74714
82
74708
74714
74714
74714
3542
74714
74714
3223
74714
74714
74714
74632
74714
74714
6
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 1195424
74714
74714
74714
74714
74714
74714
74714
74714
74714
74714
74714
74714
74714
74714
74714
74714
FMSsmallClusTh0
FMSsmallClusTh1
FMSsmallClusTh2
FMSsmallMulClusTh0
FMSsmallMulClusTh1
FMSsmallMulClusTh2
FMSsmallHT
FMSlargeClusTh0
FMSlargeClusTh1
FMSlargeClusTh2
FMSlargeMulClusTh0
FMSlargeMulClusTh1
FMSlargeMulClusTh2
FMSlargeHT
FPE


ST201 0-15 (ch6)
Entries 1195424
1
74714
74714
74714
74714
74714
74714
74714
74714
74714
74714
74714
74714
74714
74714
74713
SpcTrgDetBit0
SpcTrgDetBit1
SpcTrgDetBit2
DetCrpBit0
DetCrpBit1
DetCrpBit2
DetCrpBit3
ZeroBias
Random


Unused (ch7)
Entries 1195424
74714
74714
74714
74714
74714
74714
74714
74714
74714
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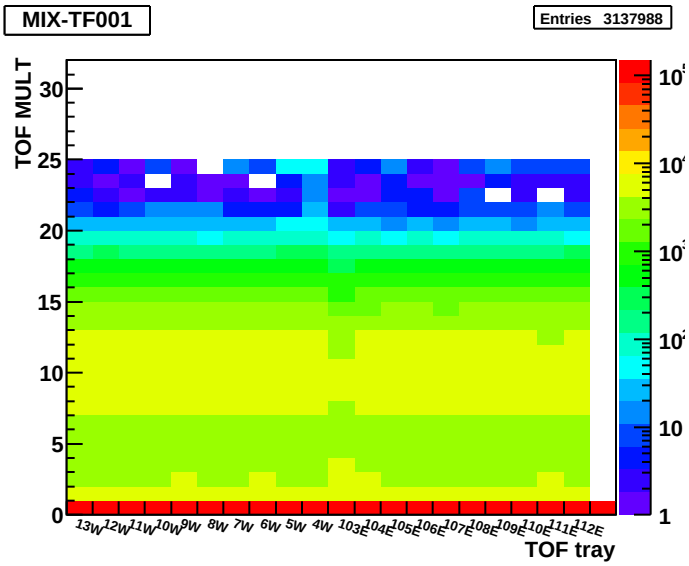
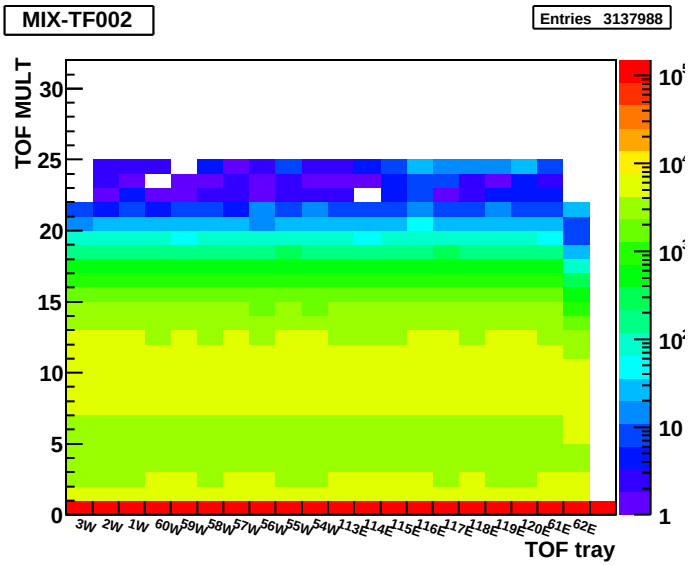
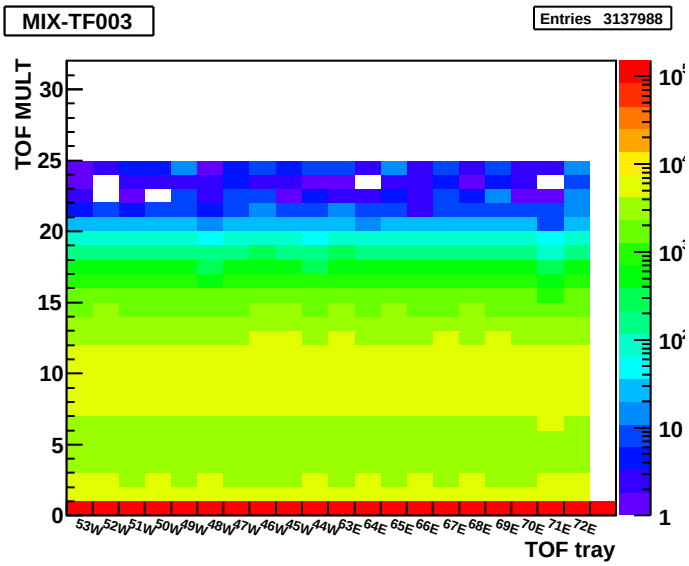
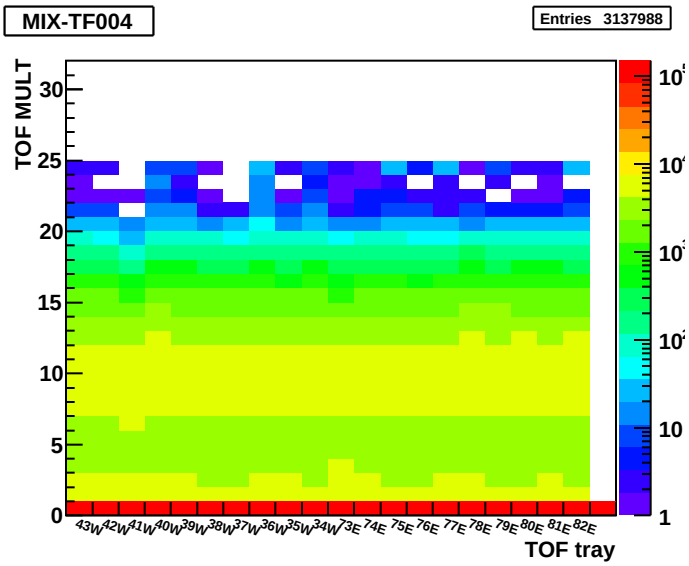
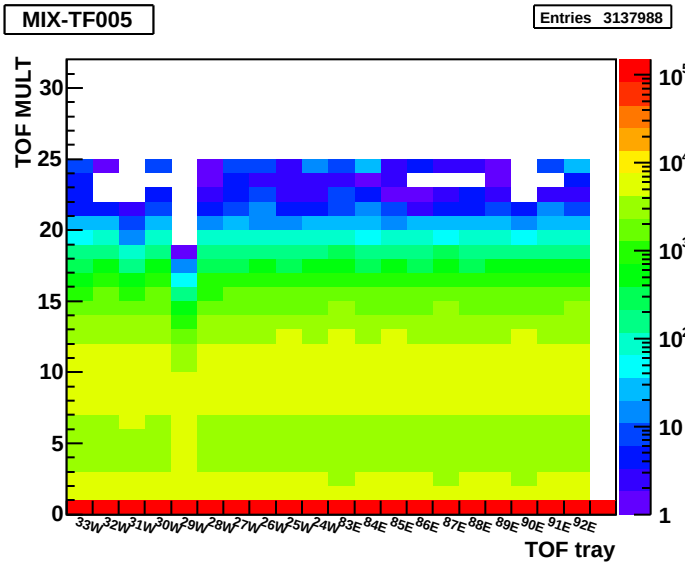
74714
74714

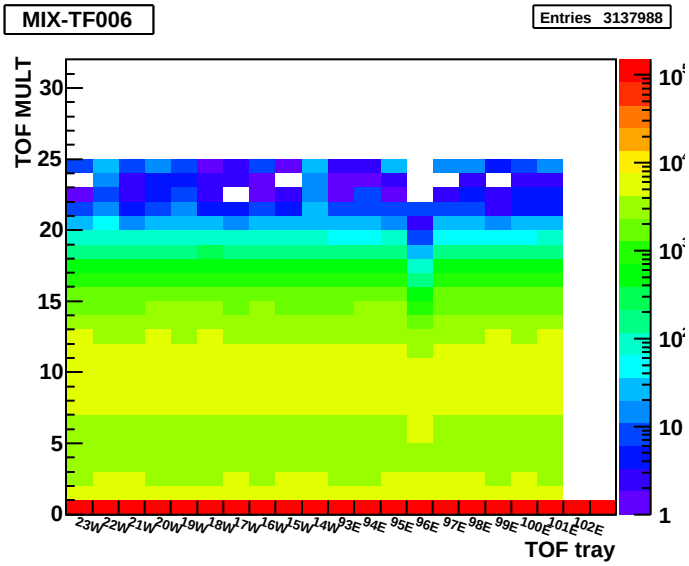

MIX-TF001
Entries 3137988
TOF MULT
TOF tray

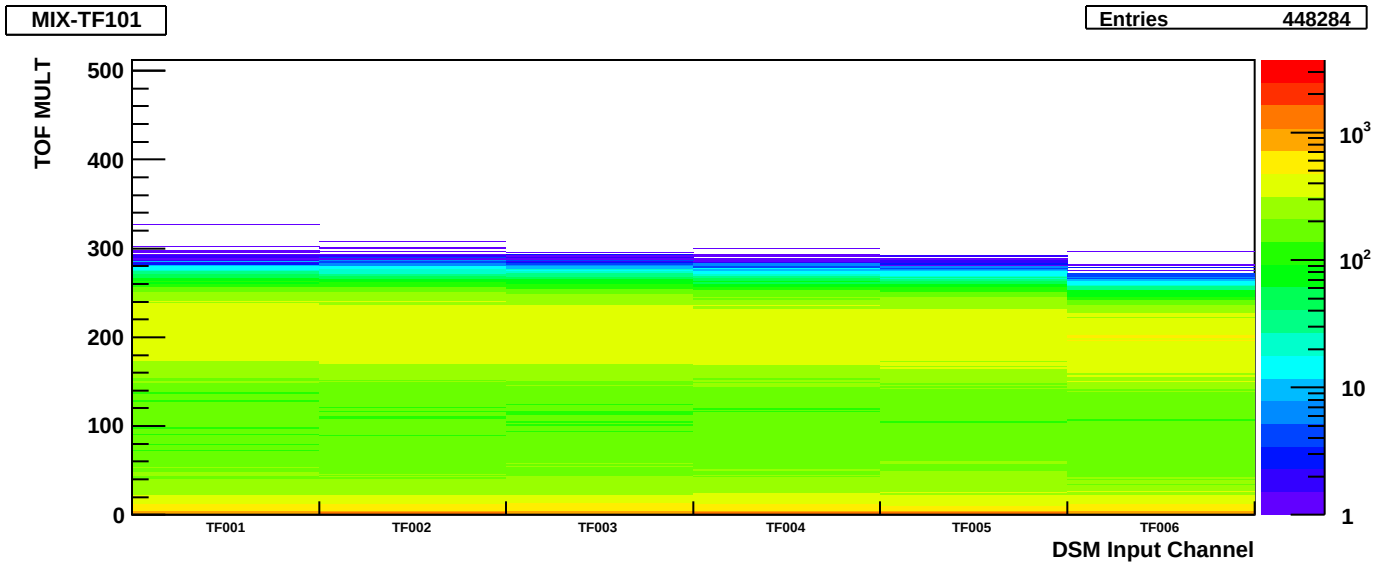

MIX-TF002
Entries 3137988
TOF MULT
TOF tray

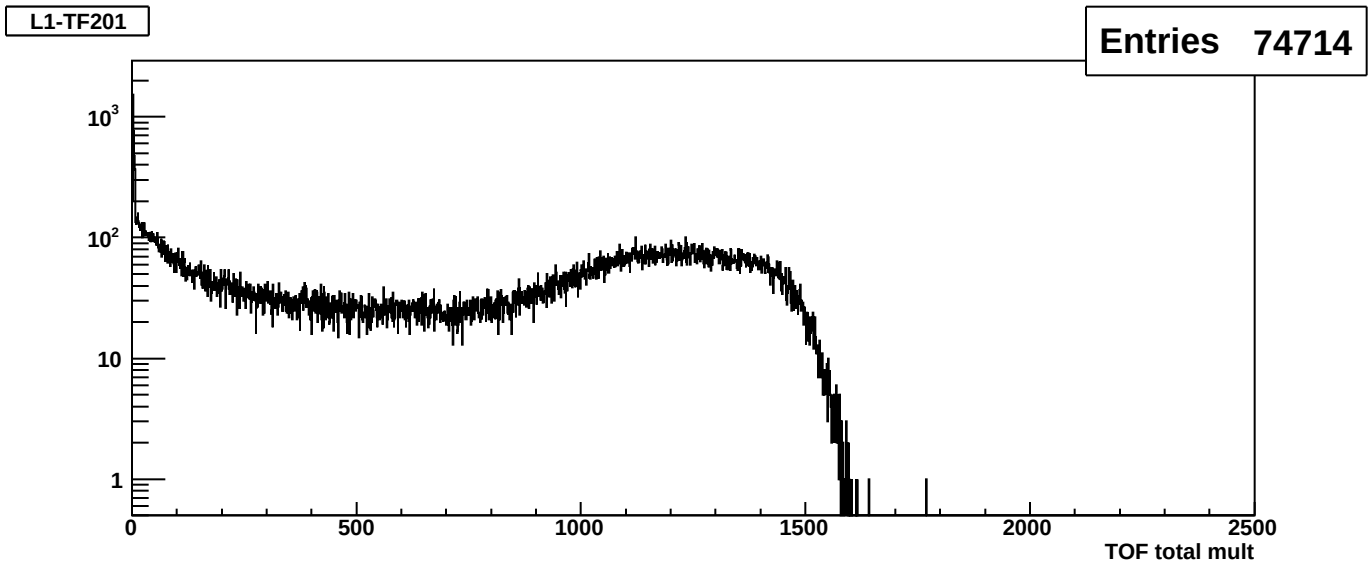

MIX-TF003
Entries 3137988
TOF MULT
TOF tray

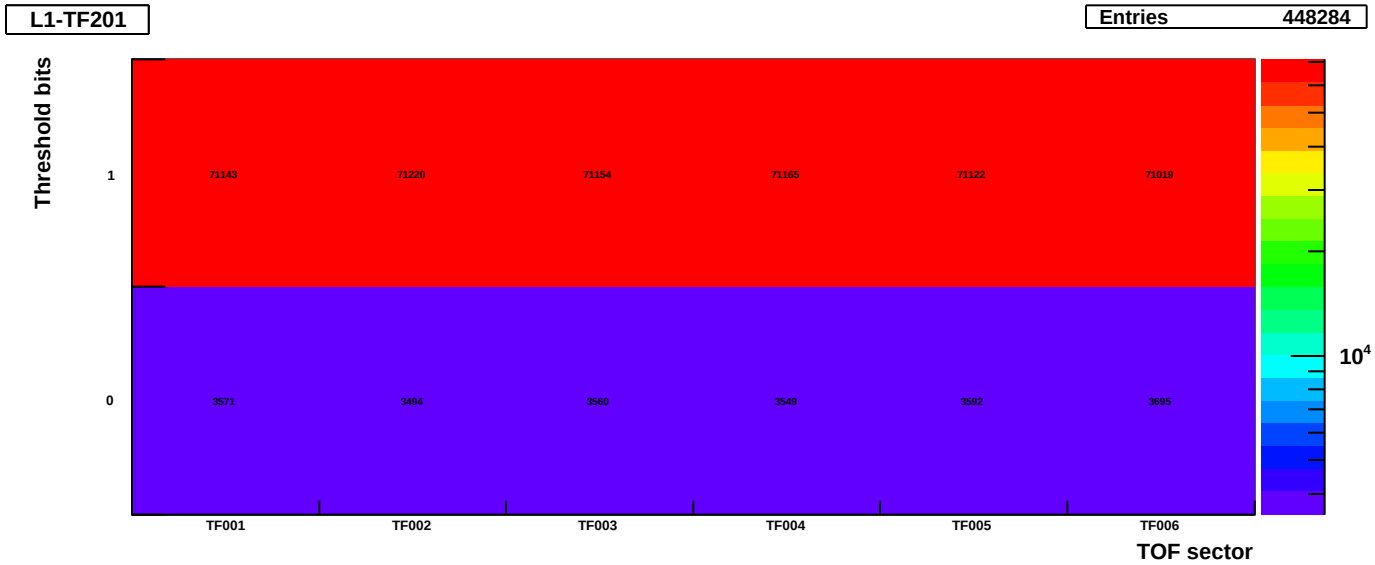

MIX-TF004
Entries 3137988
TOF MULT
TOF tray

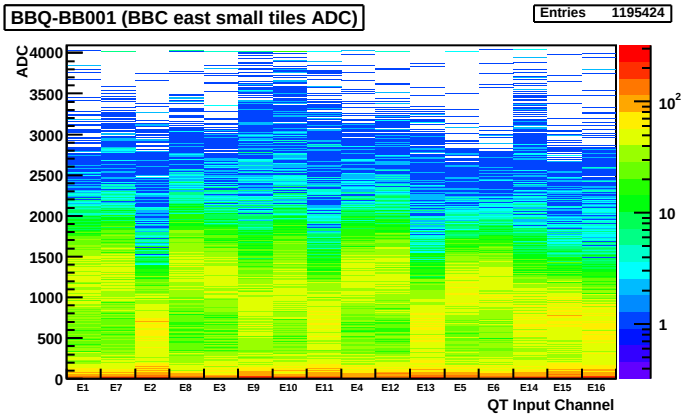

MIX-TF005
Entries 3137988
TOF MULT
TOF tray

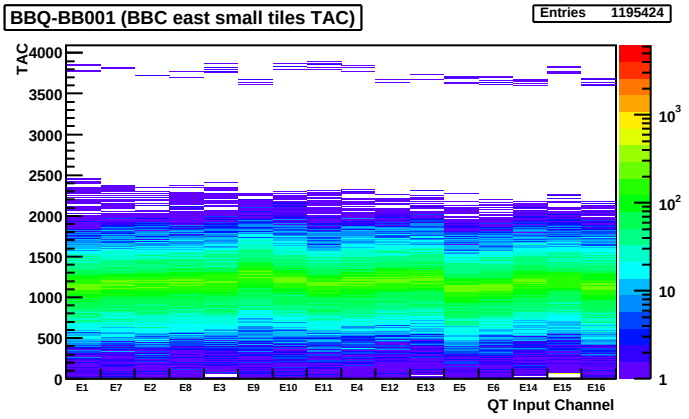

MIX-TF006
Entries 3137988
TOF MULT
TOF tray

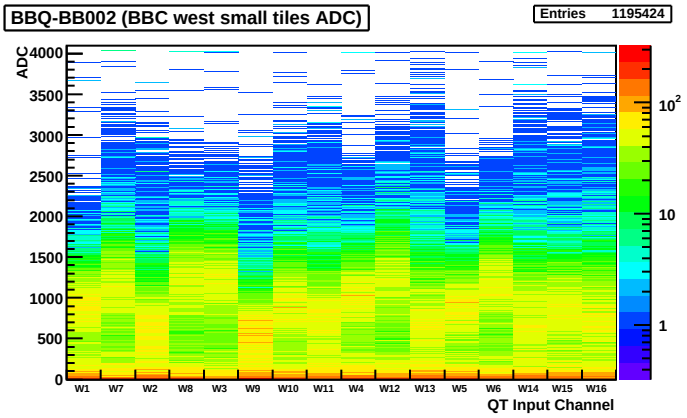

MIX-TF101
Entries 448284
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^3
10^2
10
1

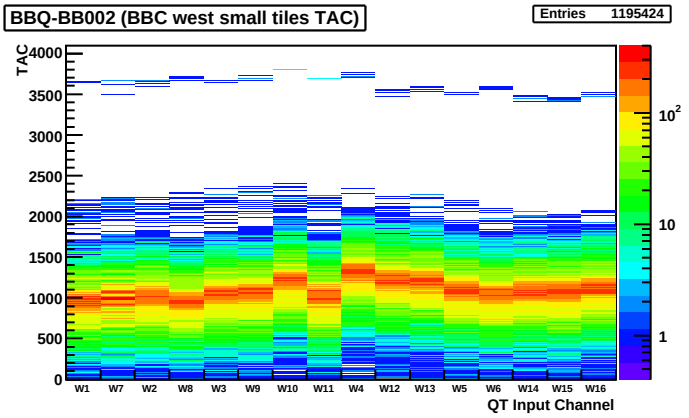

L1-TF201
Entries 74714
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

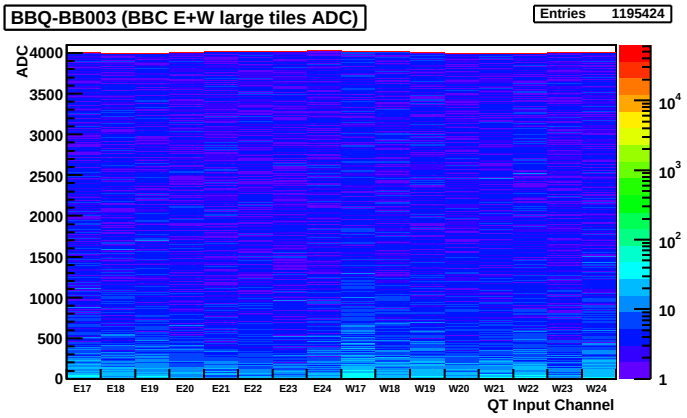

L1-TF201
Entries 448284
Threshold bits
1
0
71143
71220
71154
71165
71122
71019
3571
3494
3560
3549
3592
3695
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^4

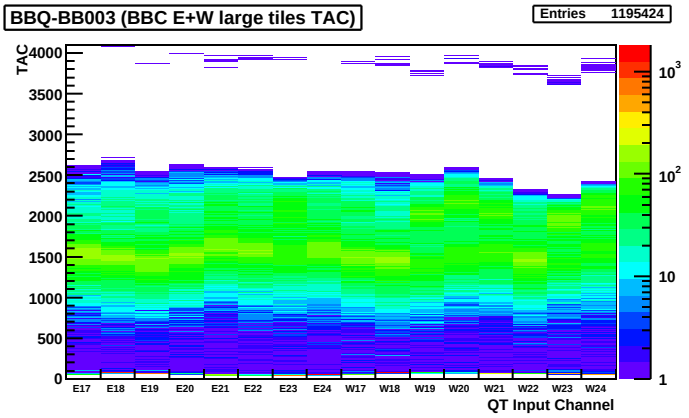

BBQ-BB001 (BBC east small tiles ADC)
Entries 1195424
ADC
QT Input Channel

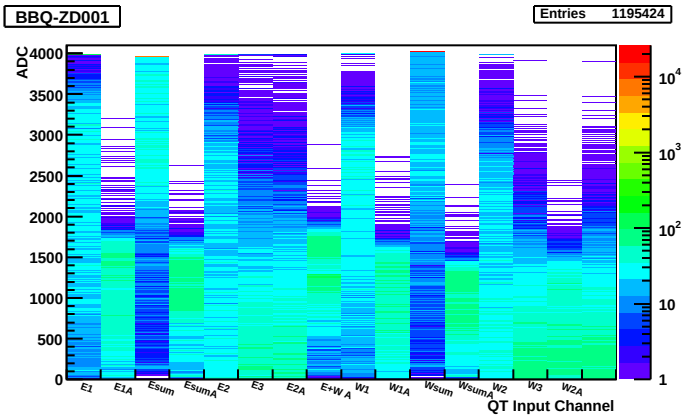

BBQ-BB001 (BBC east small tiles TAC)
Entries 1195424
TAC
QT Input Channel

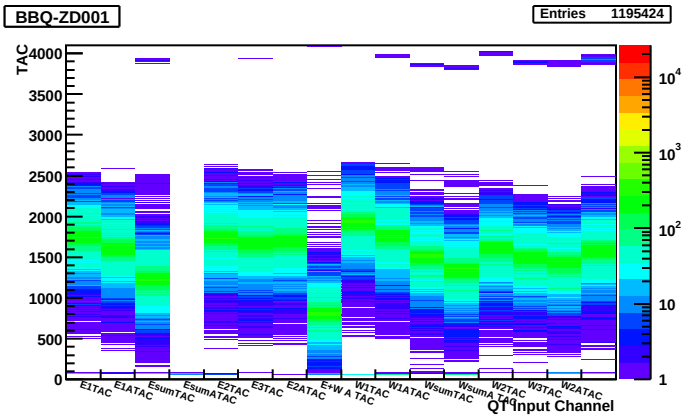

BBQ-BB002 (BBC west small tiles ADC)
Entries 1195424
ADC
QT Input Channel

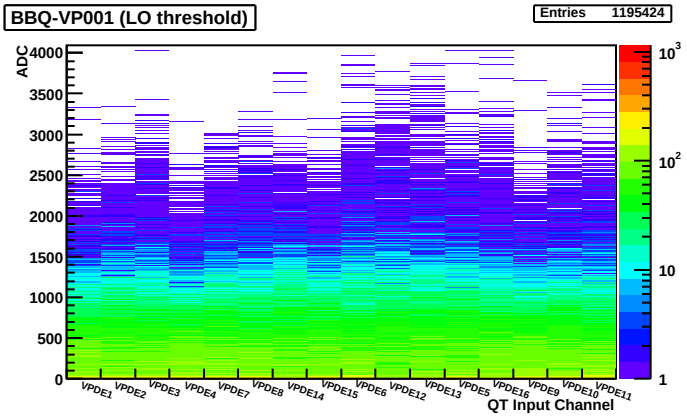

BBQ-BB002 (BBC west small tiles TAC)
Entries 1195424
TAC
QT Input Channel

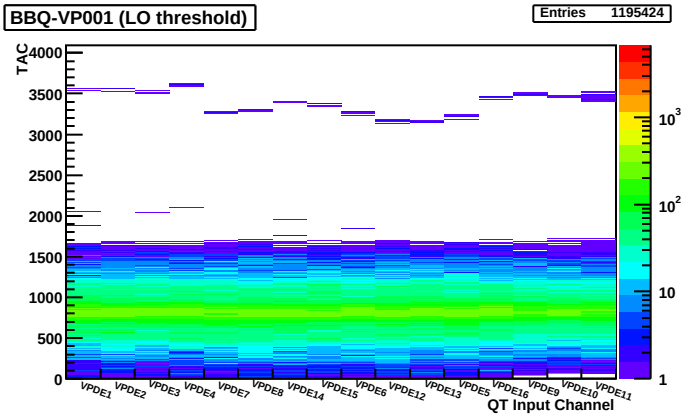

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 1195424
ADC
QT Input Channel

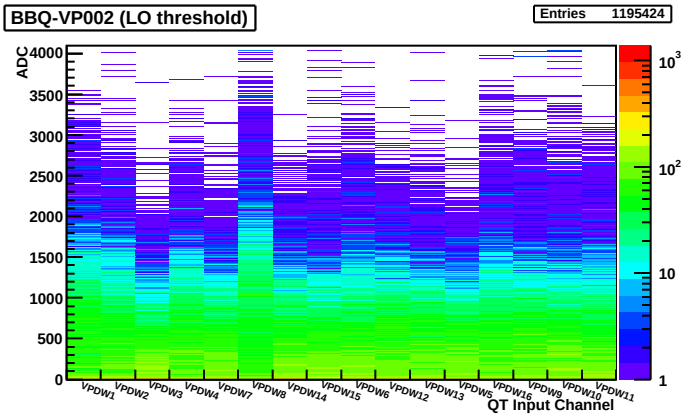

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 1195424
TAC
QT Input Channel

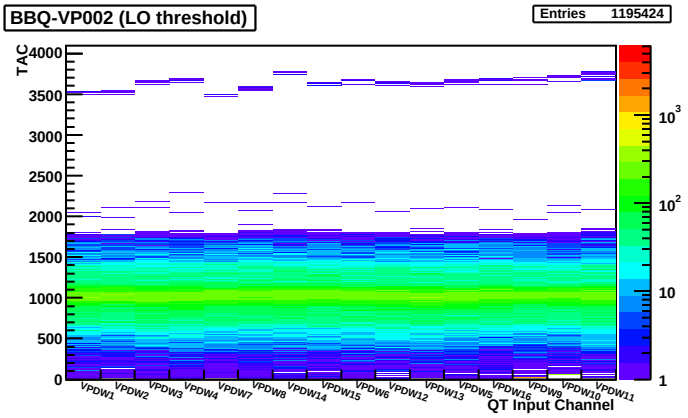

BBQ-ZD001
Entries 1195424
ADC
QT Input Channel

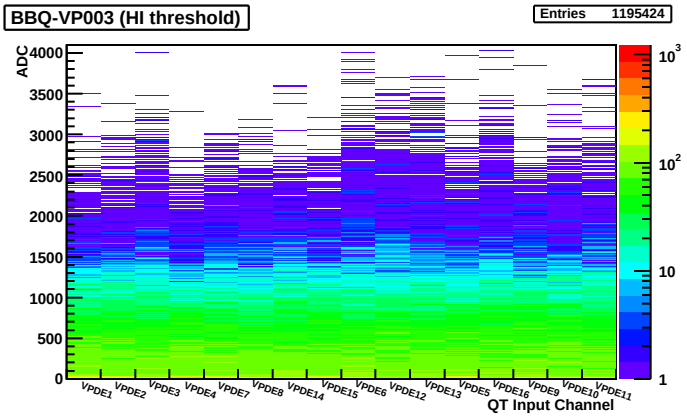

BBQ-ZD001
Entries 1195424
TAC
QT Input Channel

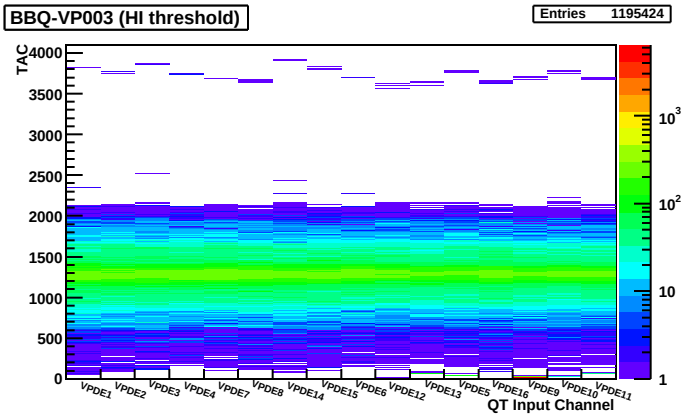

BBQ-VP001 (LO threshold)
Entries 1195424
ADC
QT Input Channel

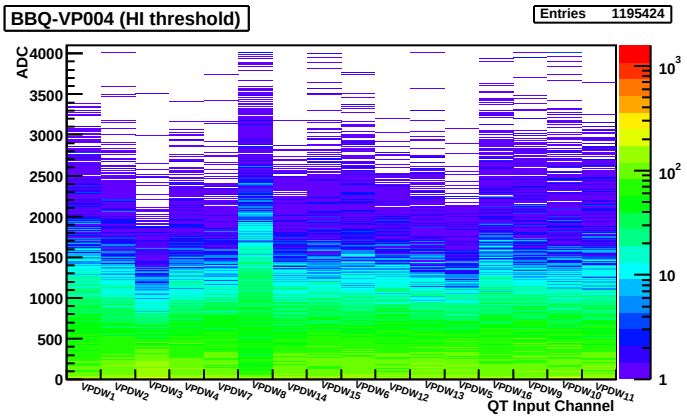

BBQ-VP001 (LO threshold)
Entries 1195424
TAC
QT Input Channel

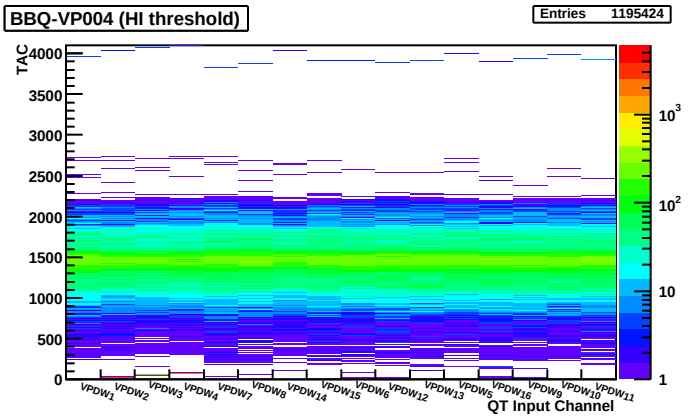

BBQ-VP002 (LO threshold)
Entries 1195424
ADC
QT Input Channel


BBQ-VP002 (LO threshold)
Entries 1195424
TAC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 1195424
ADC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 1195424
TAC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 1195424
ADC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 1195424
TAC
QT Input Channel