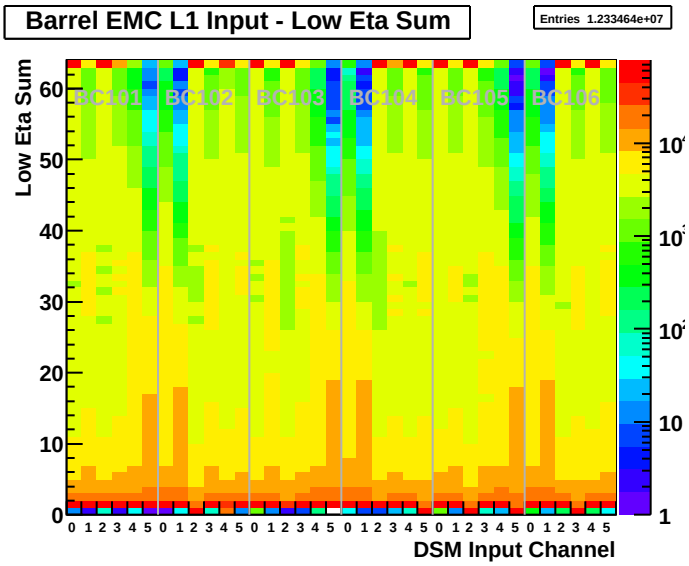
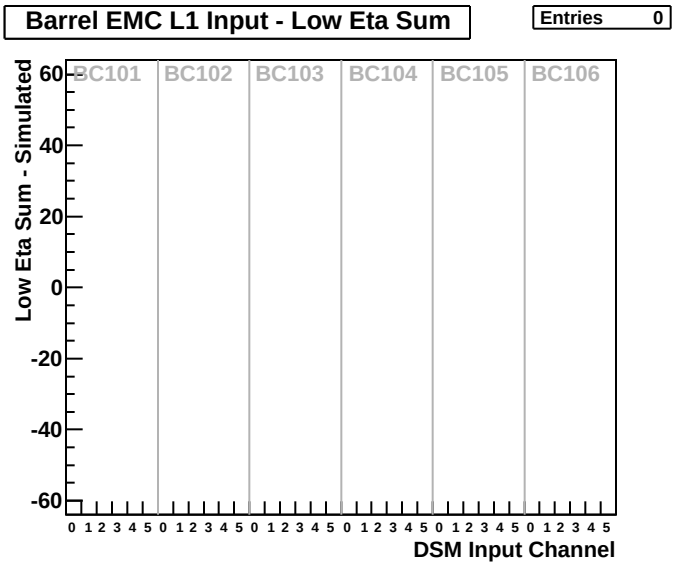
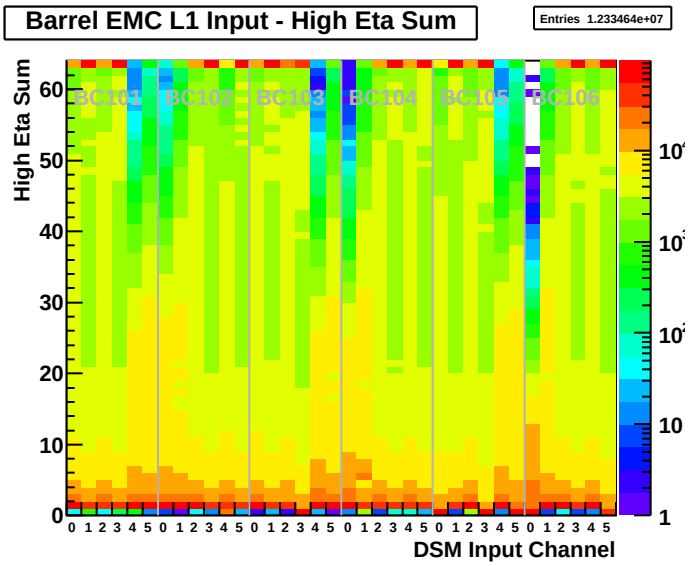
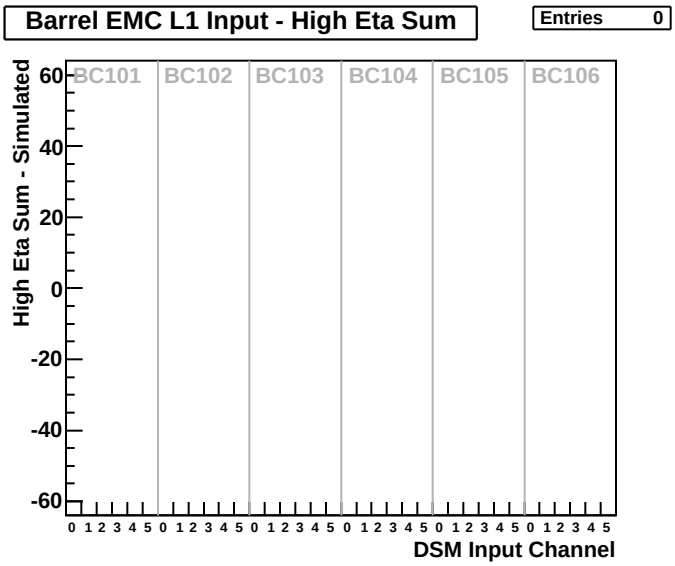
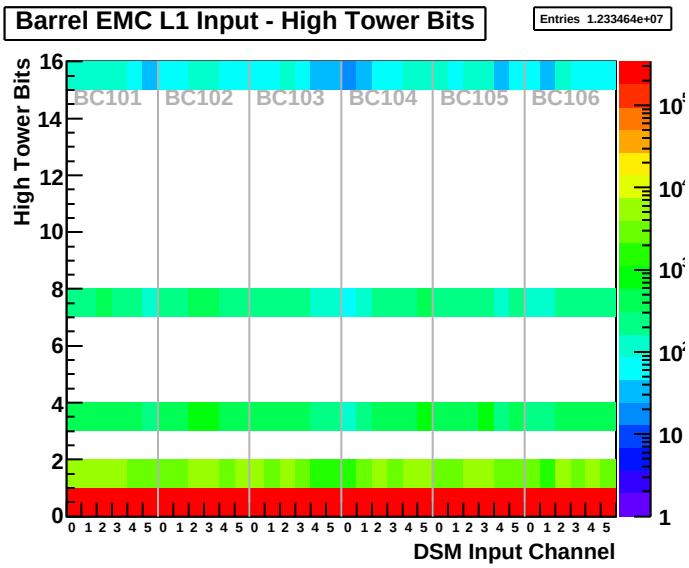
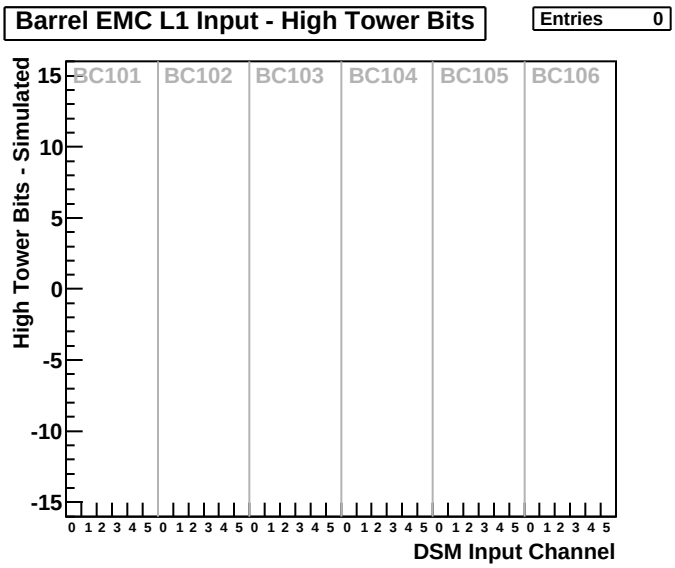

Barrel EMC L1 Input - Low Eta Sum
Entries 1.233464e+07
Low Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

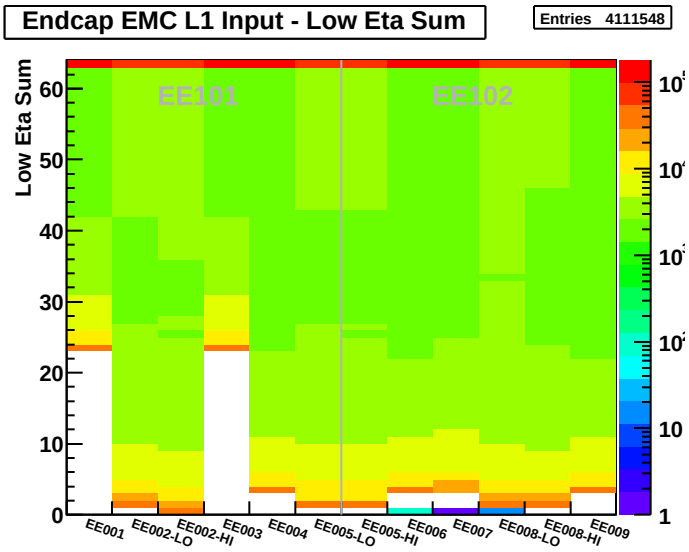

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

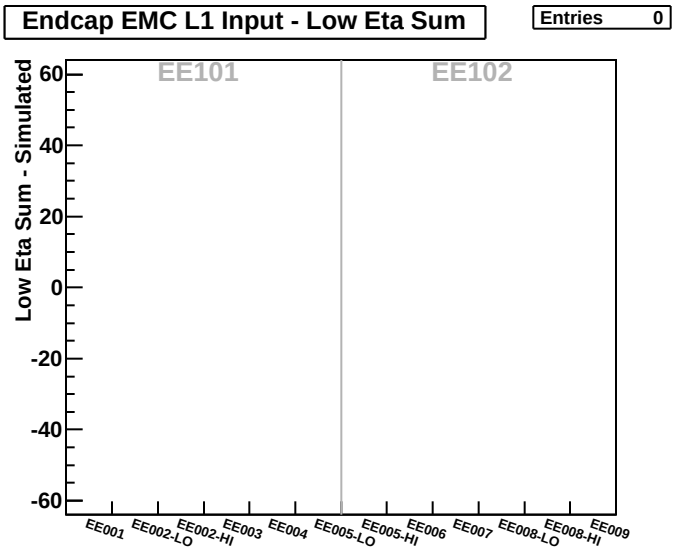

Barrel EMC L1 Input - High Eta Sum
Entries 1.233464e+07
High Eta Sum
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

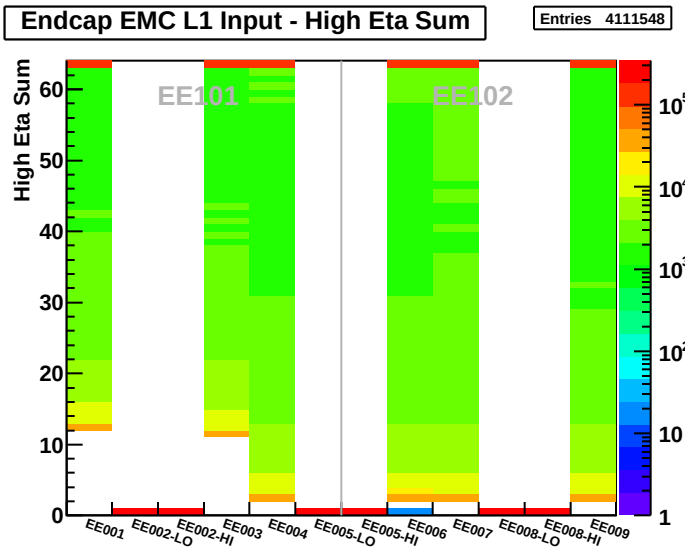

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

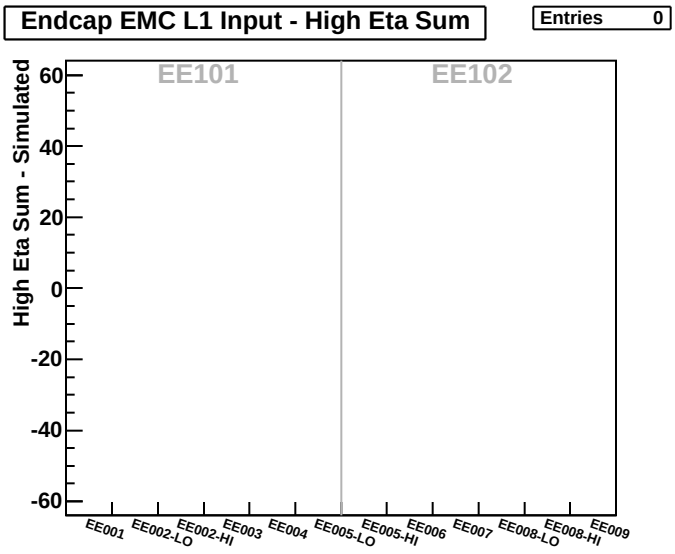

Barrel EMC L1 Input - High Tower Bits
Entries 1.233464e+07
High Tower Bits
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

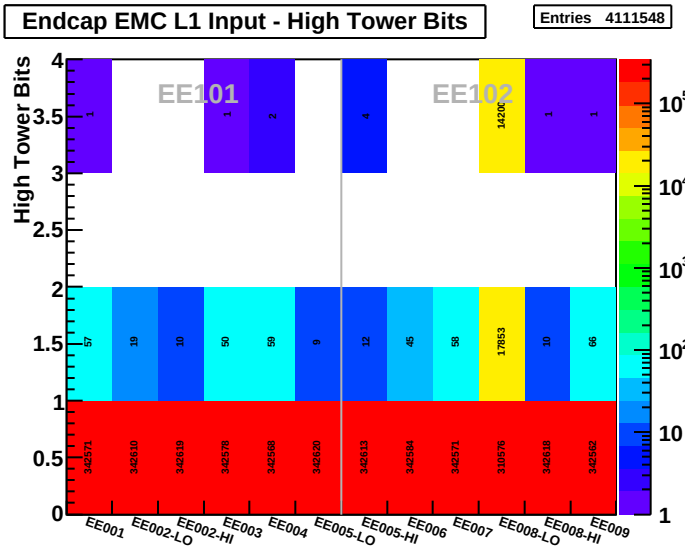

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101
BC102
BC103
BC104
BC105
BC106
DSM Input Channel

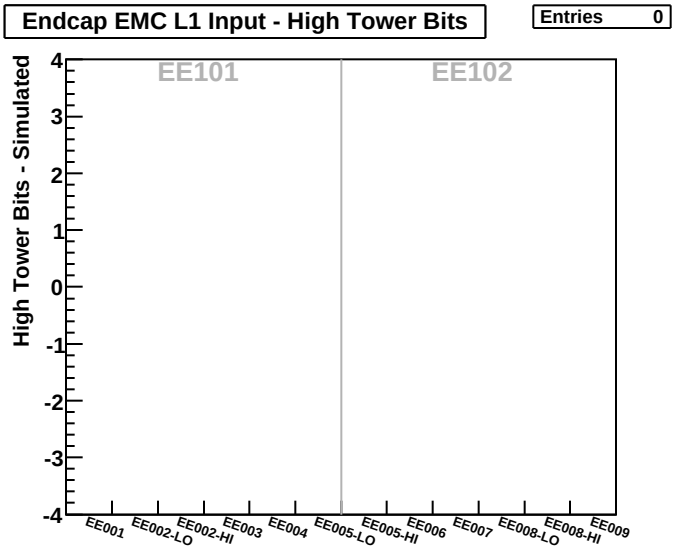

Endcap EMC L1 Input - Low Eta Sum
Entries 4111548
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

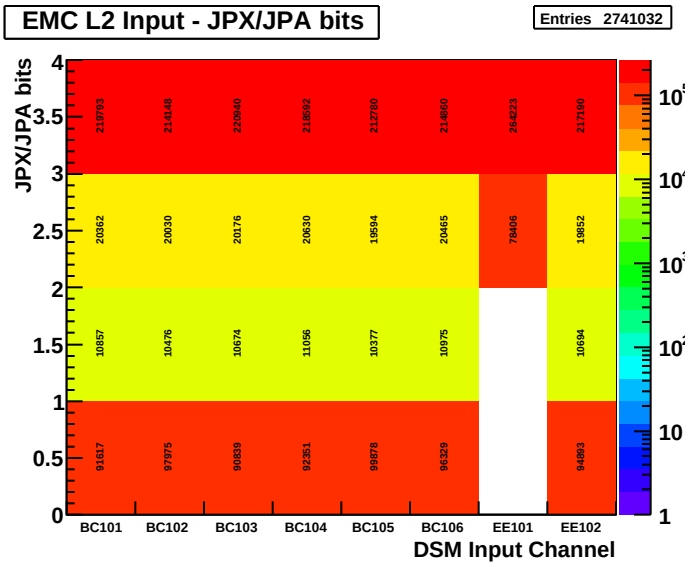

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

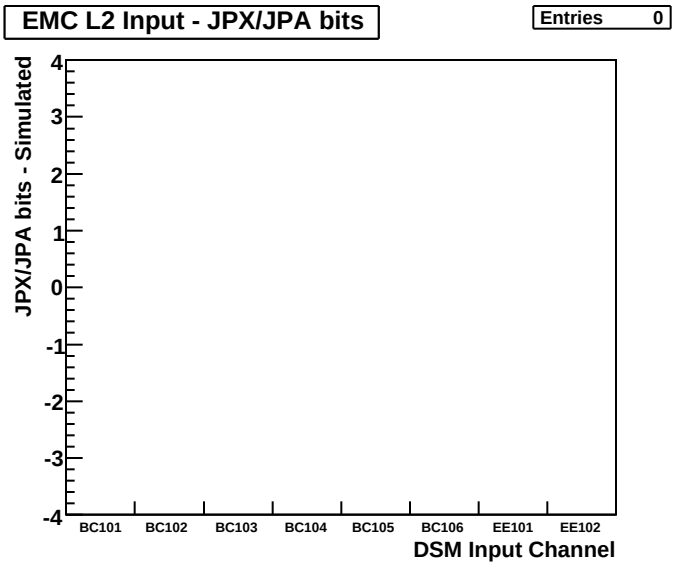

Endcap EMC L1 Input - High Eta Sum
Entries 4111548
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

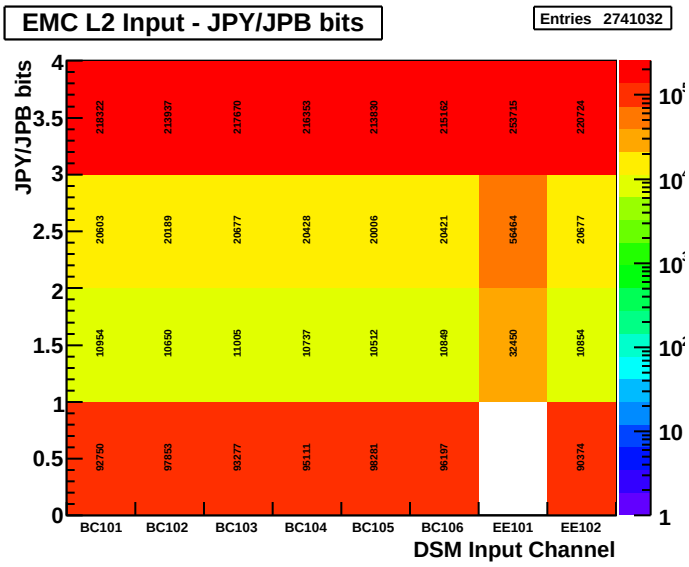

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

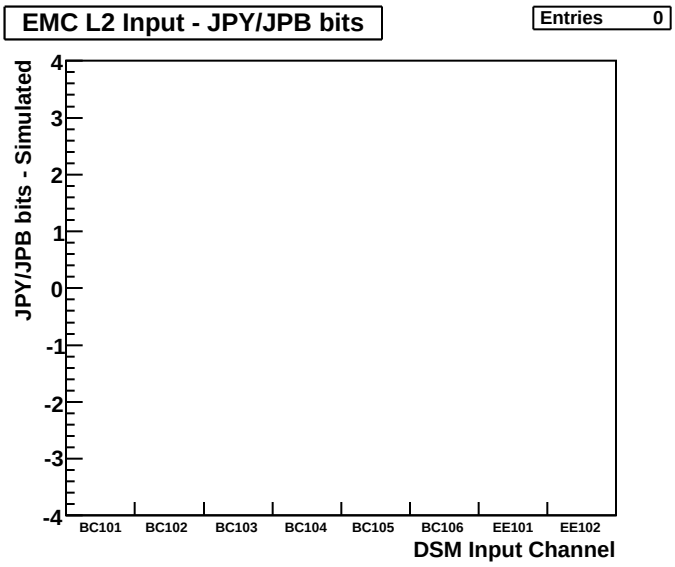

Endcap EMC L1 Input - High Tower Bits
Entries 4111548
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

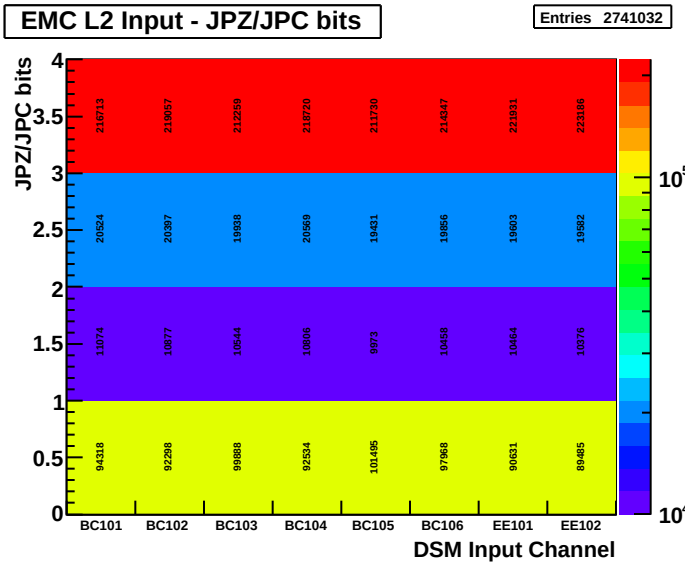

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

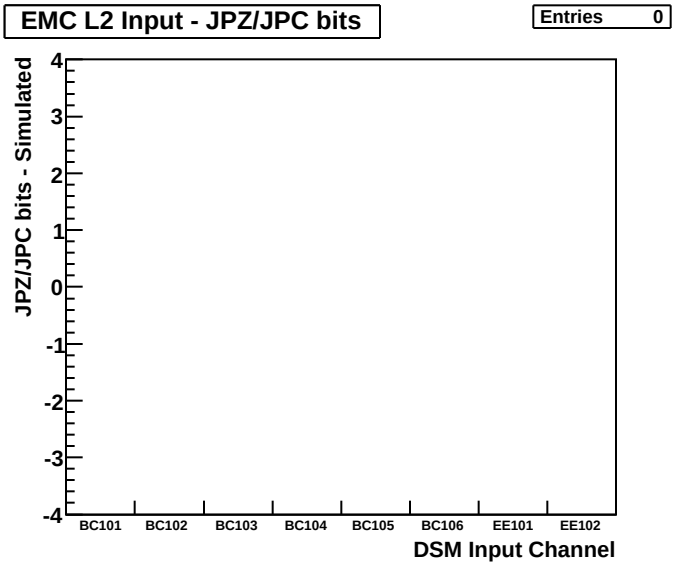

EMC L2 Input - JPX/JPA bits
Entries 2741032
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
215793 214148 220940 218592 212780 214860 264223 217190
20362 20030 20176 20630 19594 20465 78406 19852
10857 10476 10674 11056 10377 10975 10694
91617 97975 90839 92351 99878 96329 94893

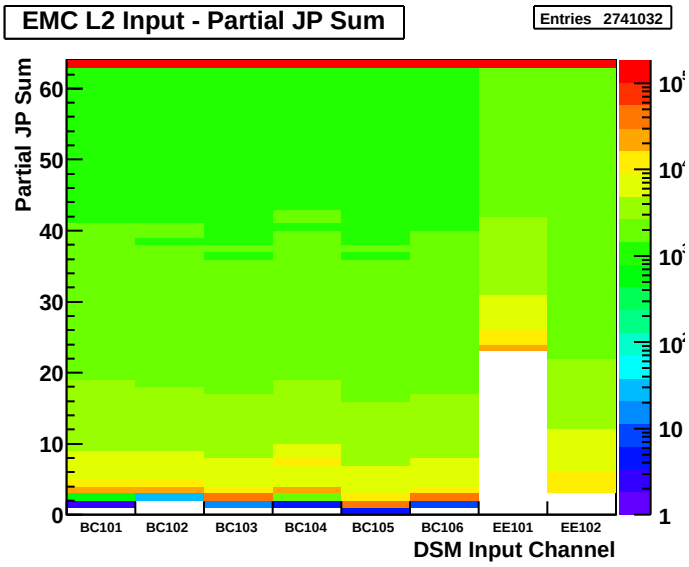

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

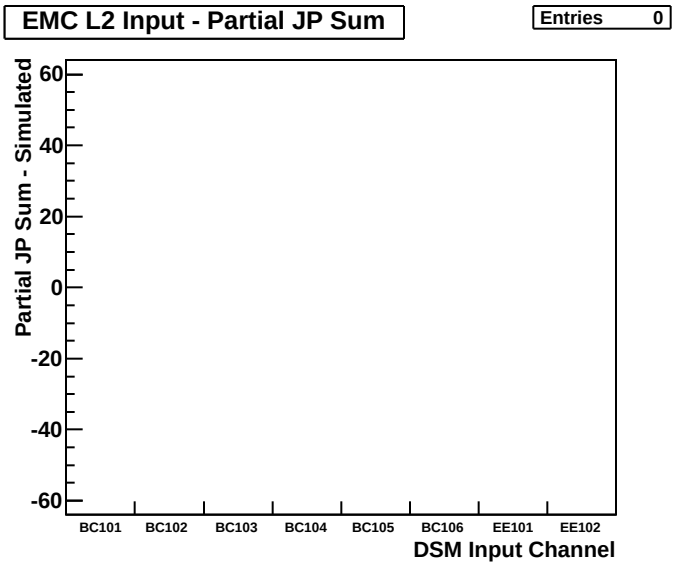

EMC L2 Input - JPY/JPB bits
Entries 2741032
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
218322 213937 217670 216353 213830 215162 253715 220724
20603 20189 20677 20428 20006 20421 56464 20677
10954 10650 11005 10737 10512 10849 32450 10854
92750 97853 93277 95111 98281 96197 90374

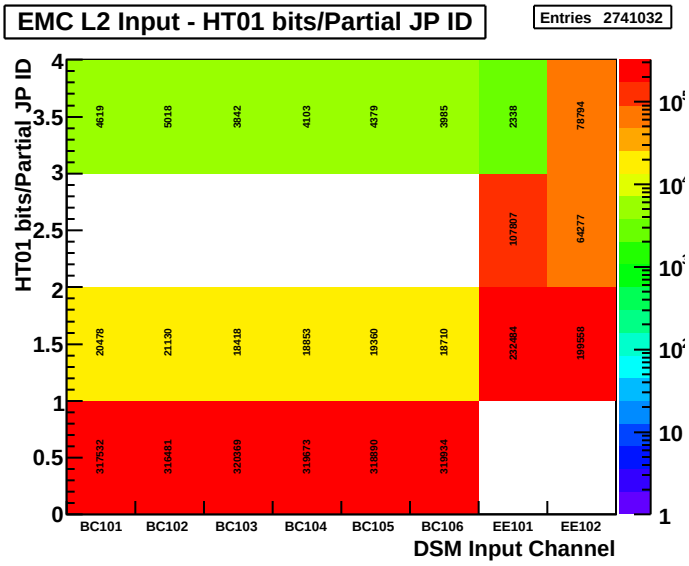

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

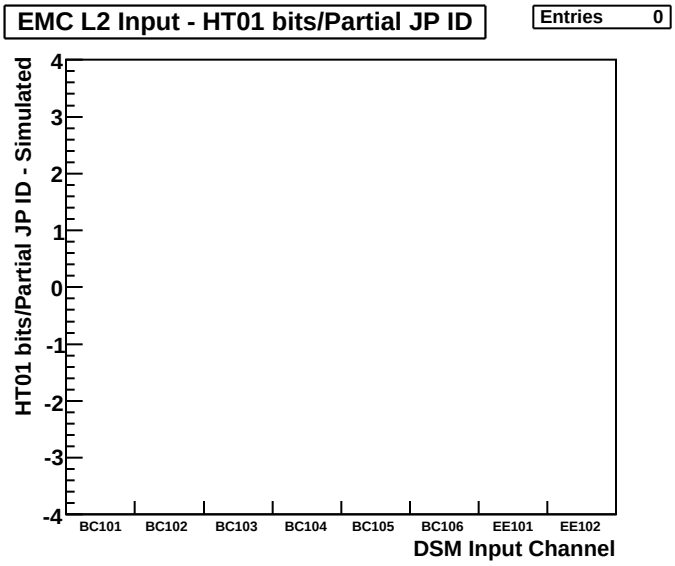

EMC L2 Input - JPZ/JPC bits
Entries 2741032
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
216713 219057 212259 218720 211730 214347 221931 223186
20524 20397 19938 20569 19431 19856 19603 19582
10074 10077 10544 10806 9973 10458 10464 10376
94318 92298 99888 92534 101495 97968 90631 89485

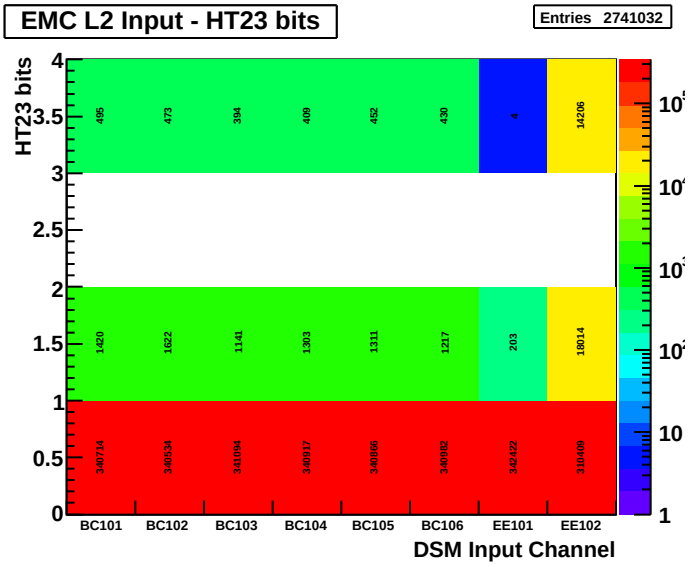

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

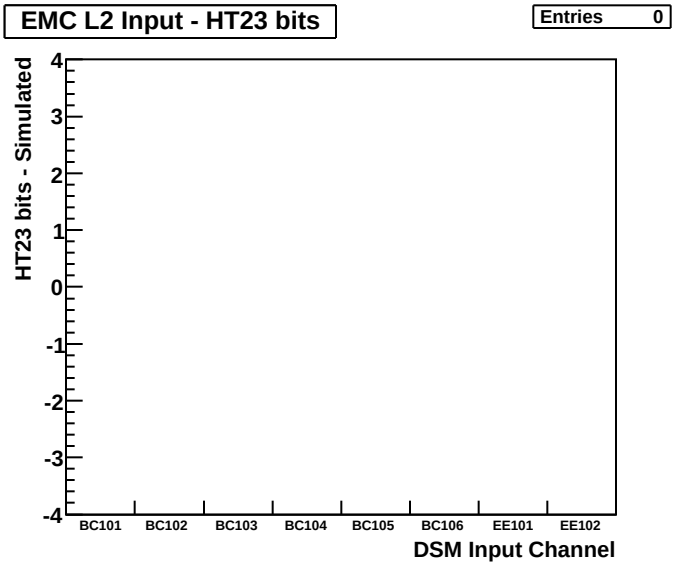

EMC L2 Input - Partial JP Sum
Entries 2741032
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

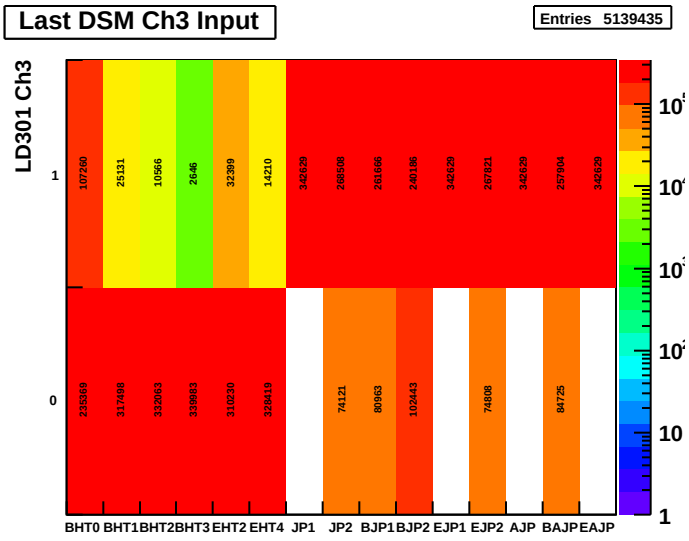

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

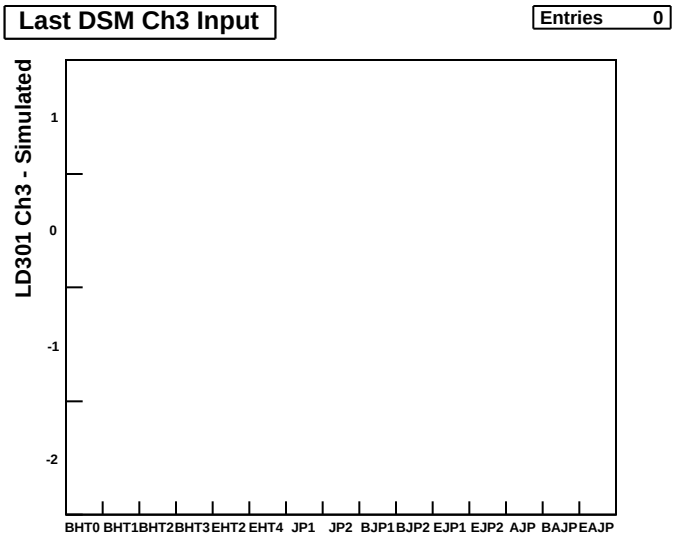

EMC L2 Input - HT01 bits/Partial JP ID
Entries 2741032
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

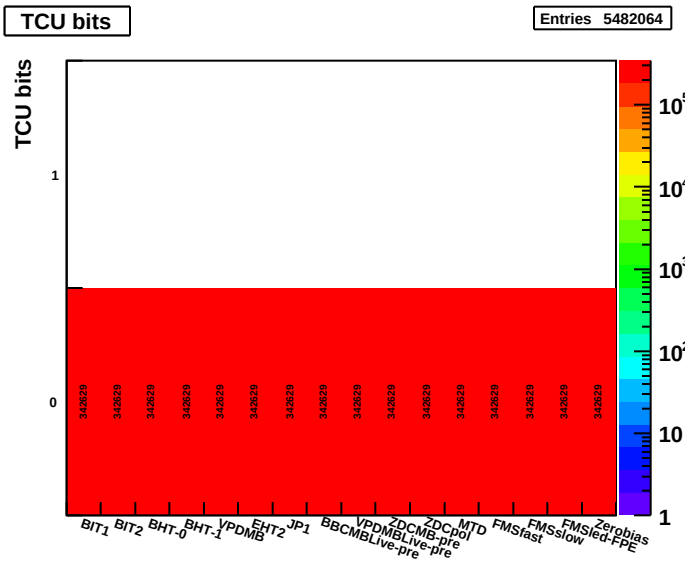

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

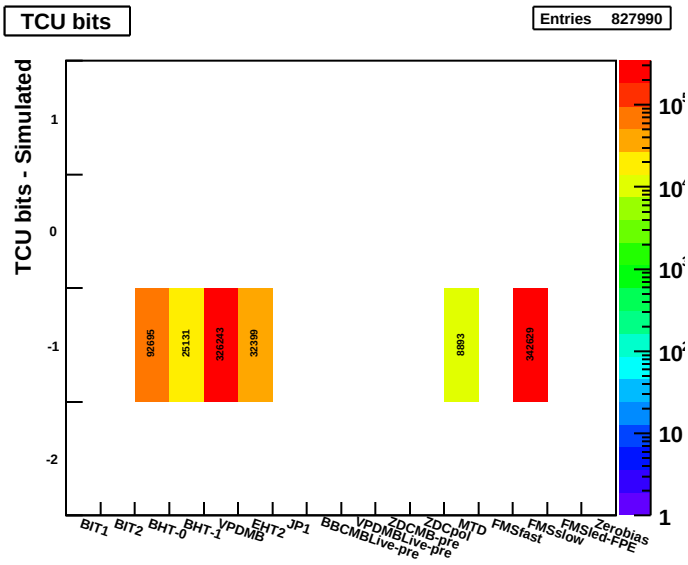

EMC L2 Input - HT23 bits
Entries 2741032
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

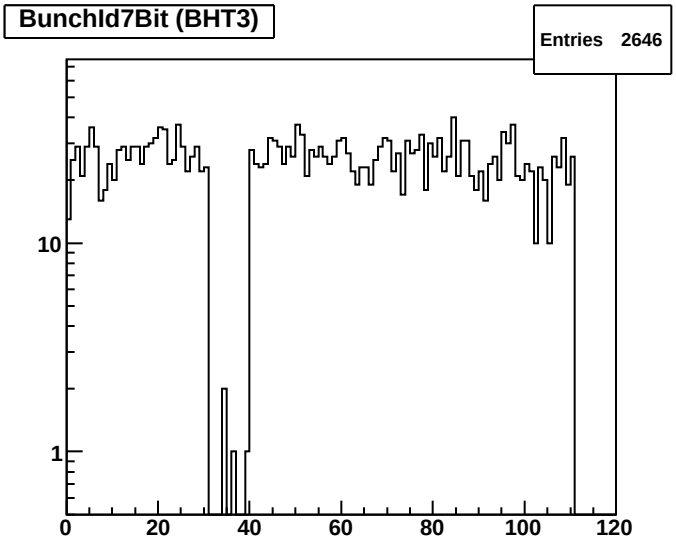

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

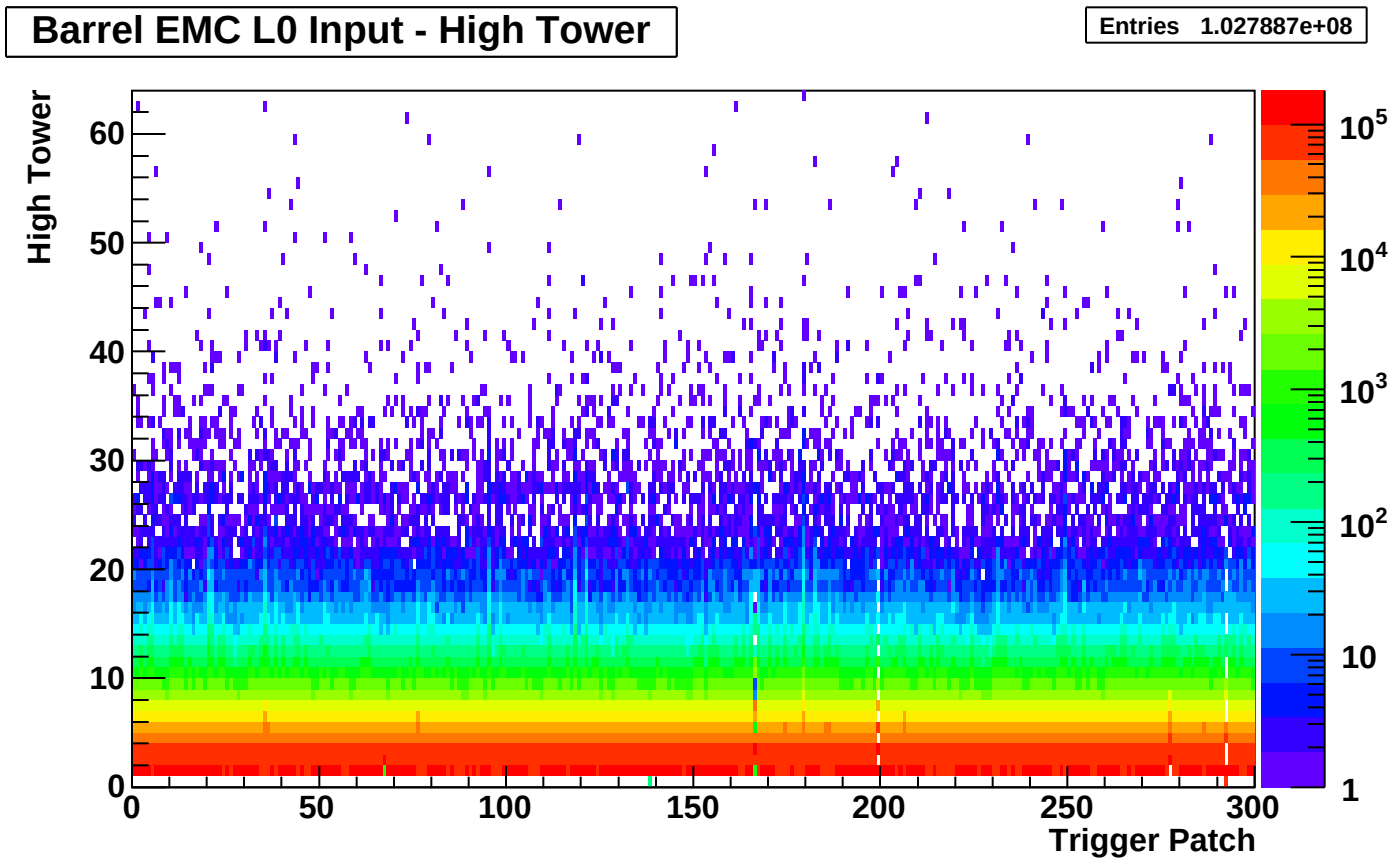

Last DSM Ch3 Input
Entries 5139435
LD301 Ch3
1
0
107260
25131
10956
2646
32399
14210
342629
298508
261666
240186
342629
257821
342629
257904
342629
235369
317498
332063
339983
310230
328419
74121
80963
102443
74808
84725
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP
1

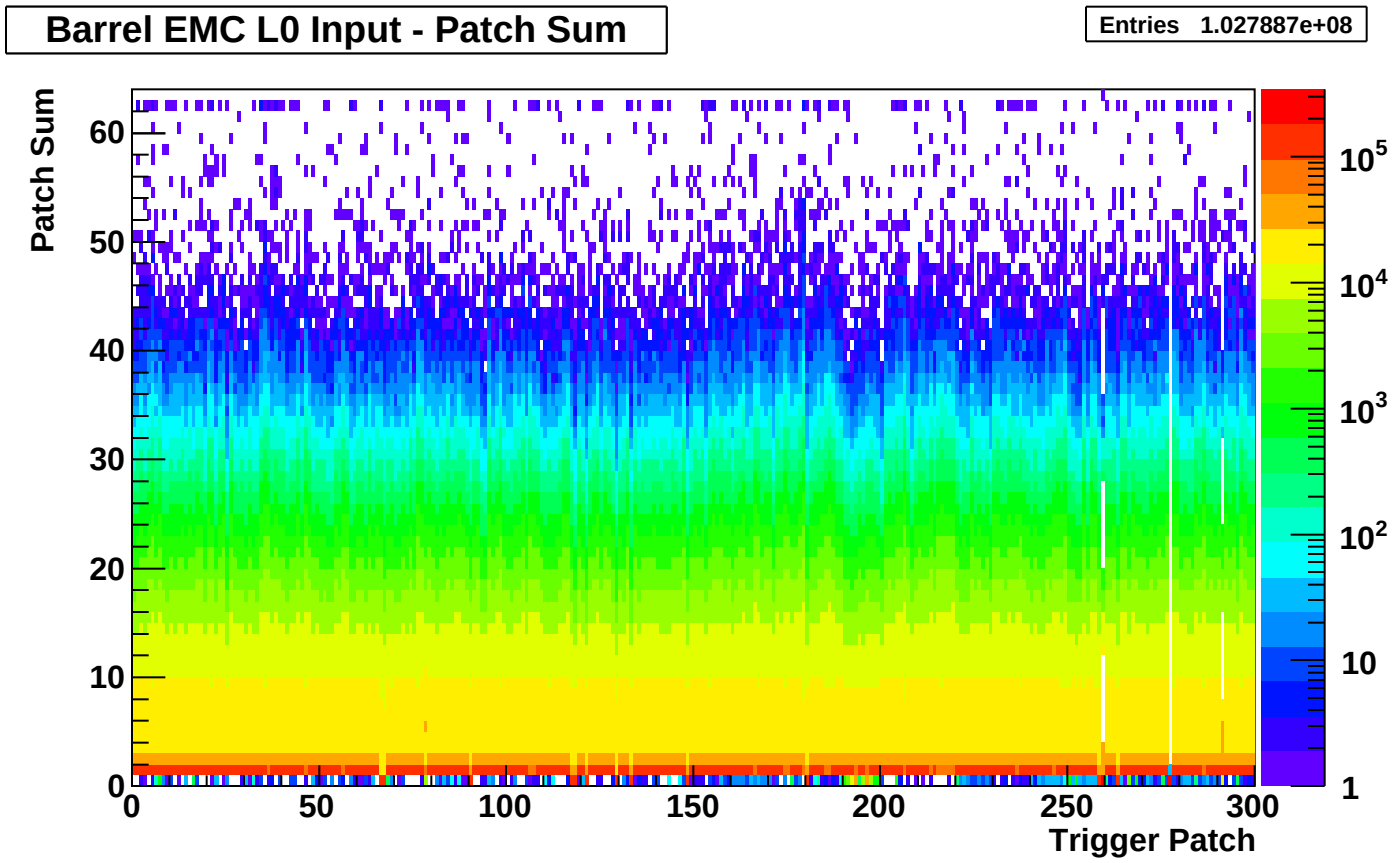

Last DSM Ch3 Input
Entries 0
LD301 Ch3 - Simulated
1
0
-1
-2
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

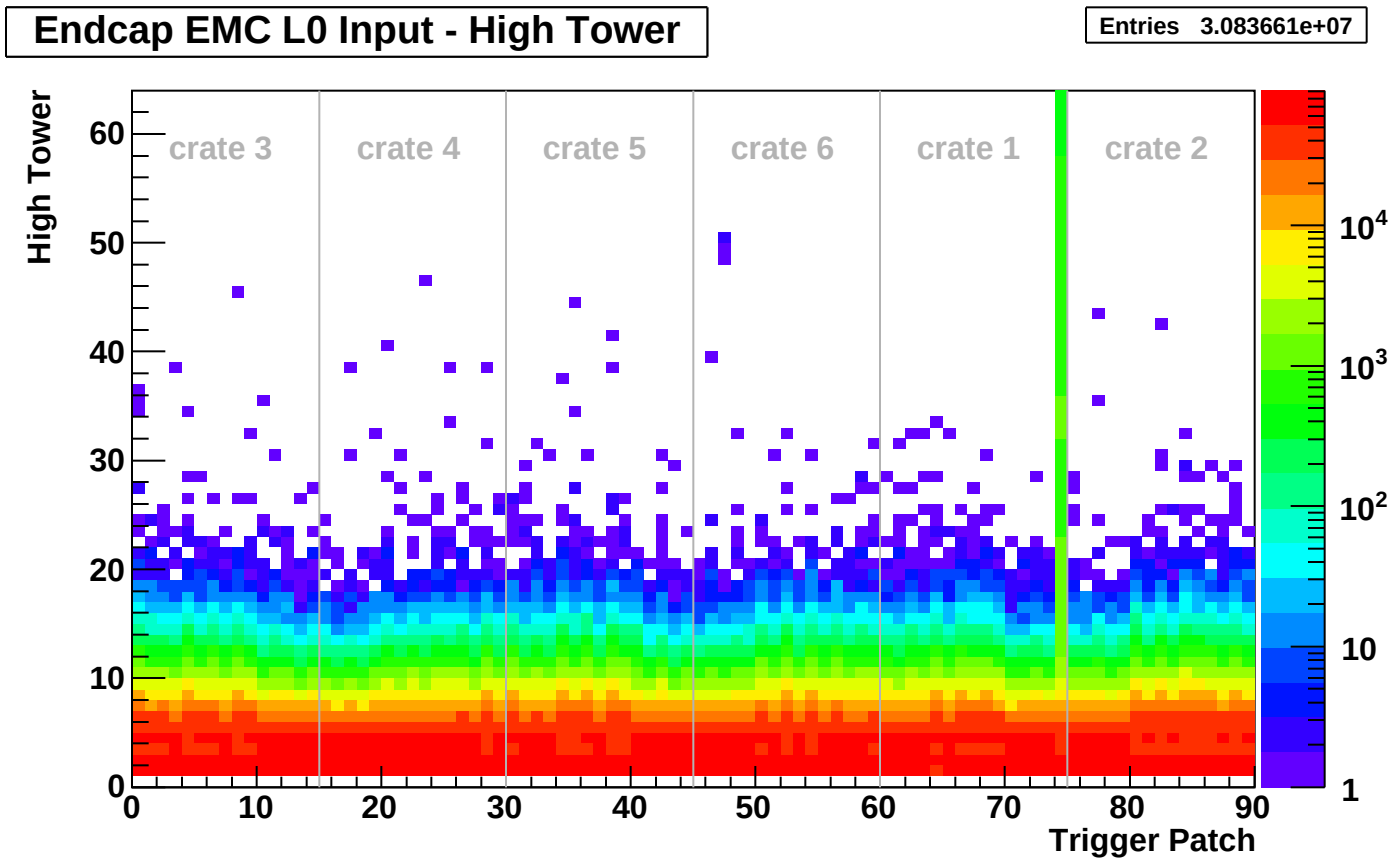

TCU bits
Entries 5482064
TCU bits
1
0
342629
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias
1

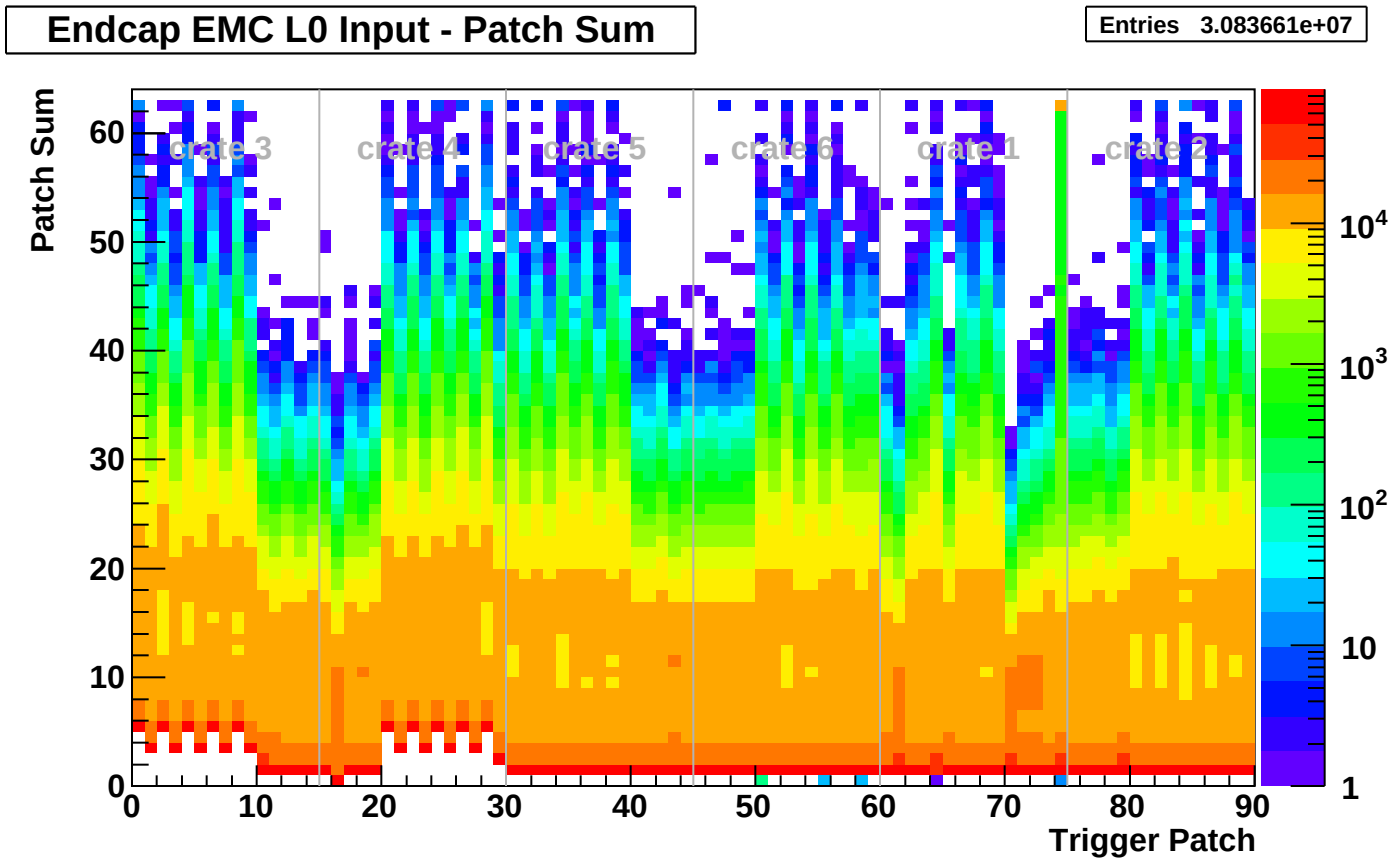

TCU bits
Entries 827990
TCU bits - Simulated
1
0
-1
-2
92695
25131
326243
32399
8893
342629
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias
1

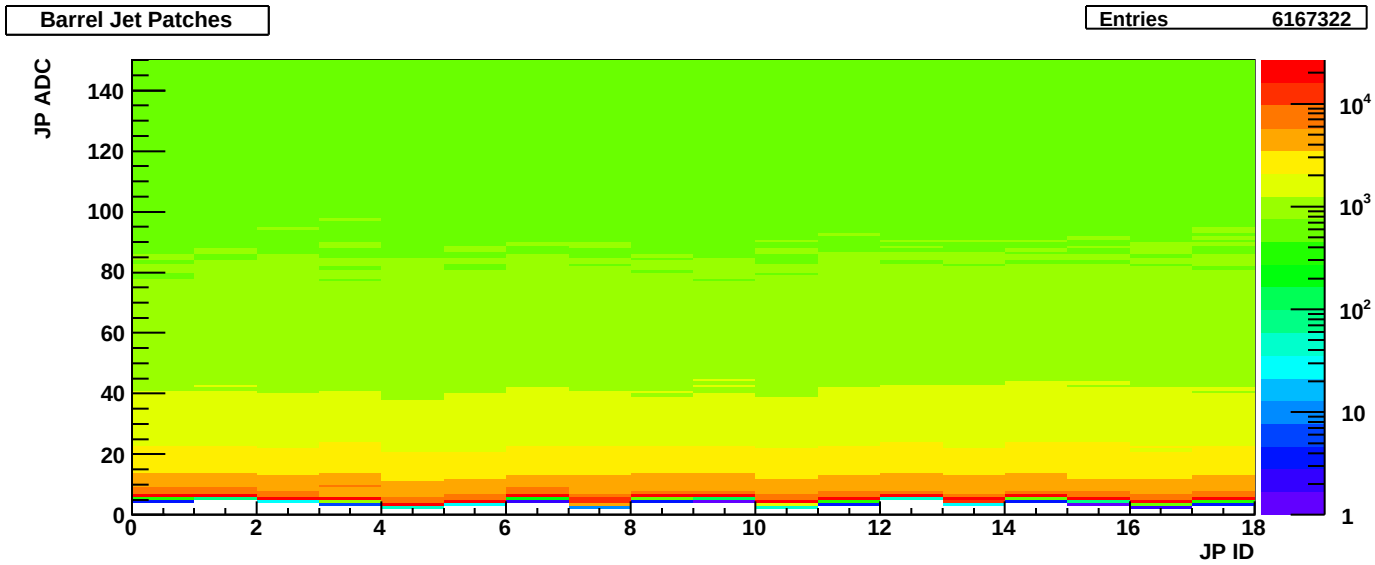

BunchId7Bit (BHT3)
Entries 2646
10
1
0
20
40
60
80
100
120

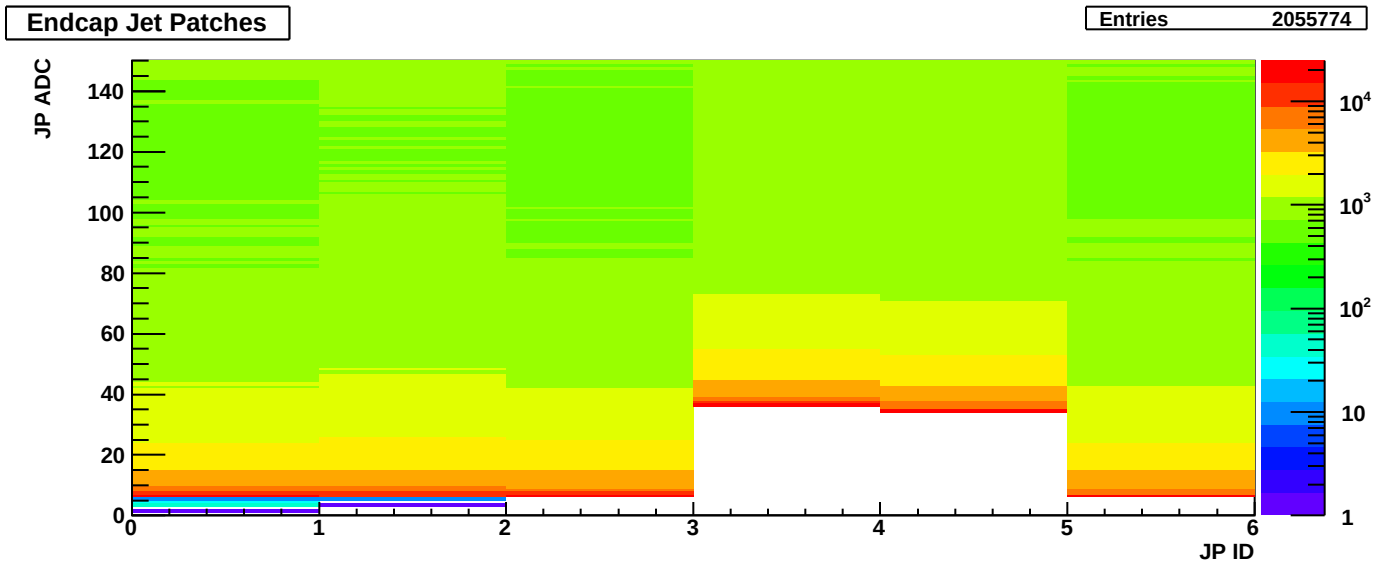

Barrel EMC L0 Input - High Tower
Entries 1.027887e+08
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5

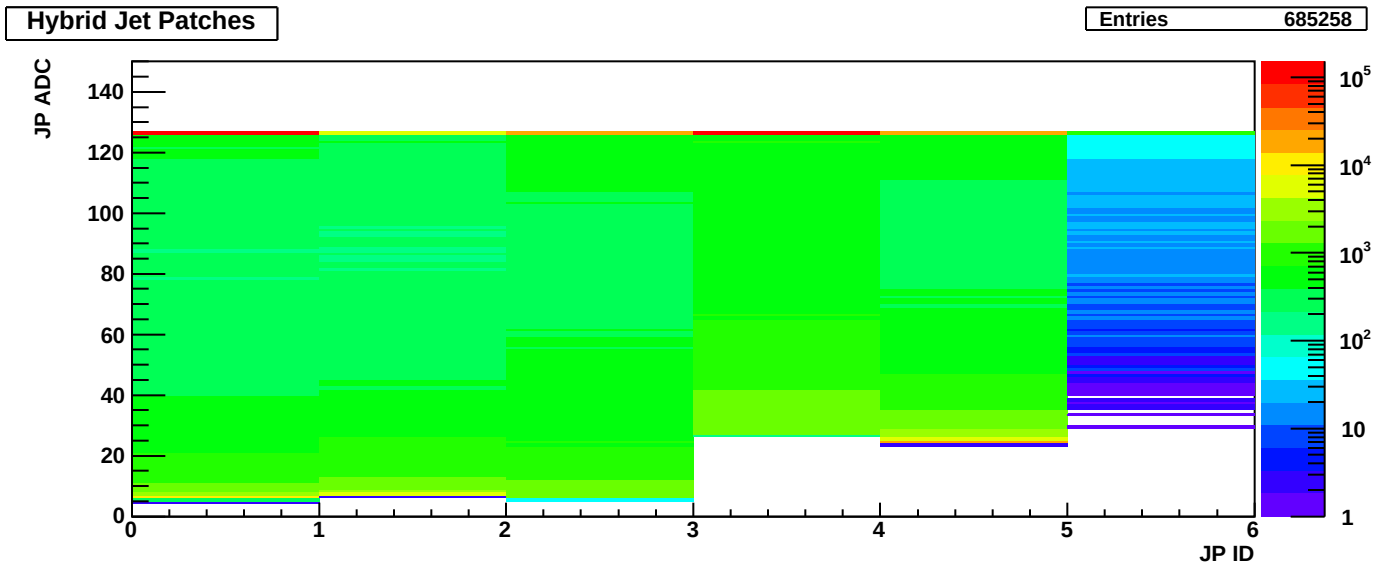

Barrel EMC L0 Input - Patch Sum
Entries 1.027887e+08
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4
10^5


Endcap EMC L0 Input - High Tower
Entries 3.083661e+07
High Tower
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch

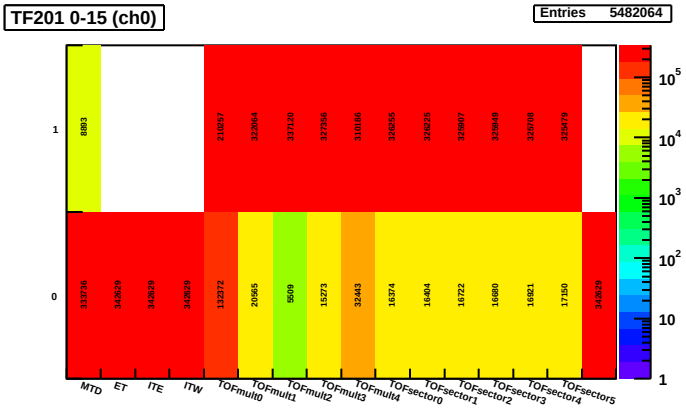

Endcap EMC L0 Input - Patch Sum
Entries 3.083661e+07
Patch Sum
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2
Trigger Patch


Barrel Jet Patches
Entries 6167322
JP ADC
JP ID

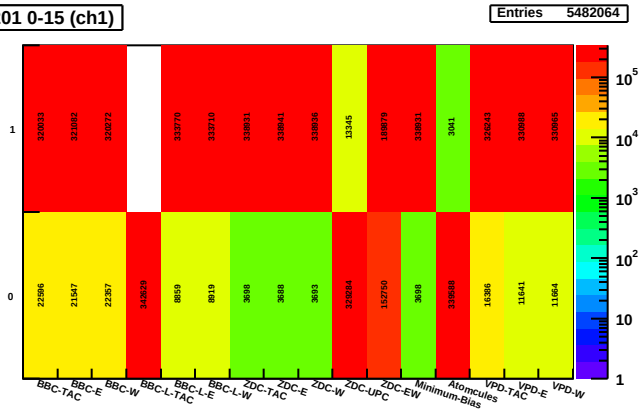

Endcap Jet Patches
Entries 2055774
JP ADC
JP ID


Hybrid Jet Patches
Entries 685258
JP ADC
JP ID

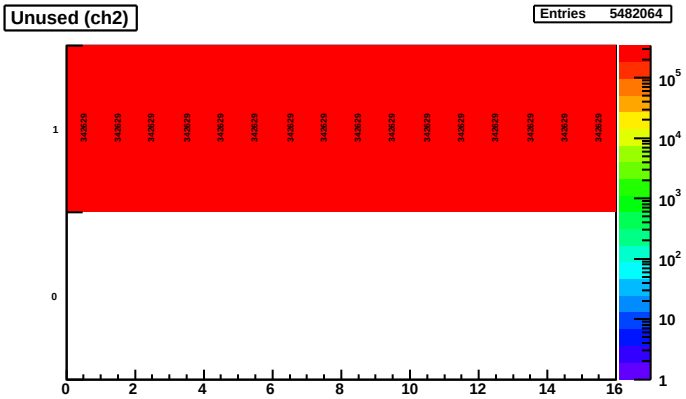
TF201 0-15 (ch0)



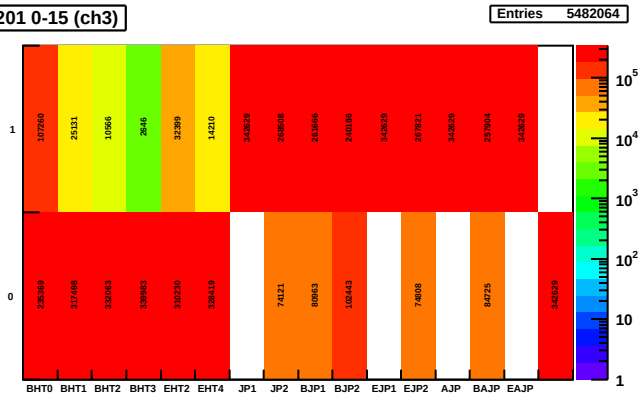
VT201 0-15 (ch1)



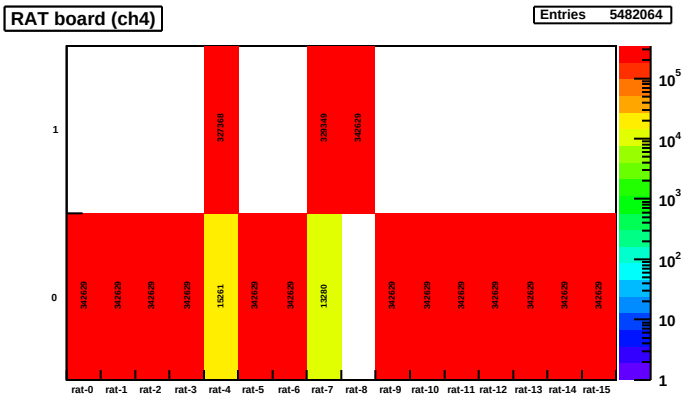
Unused (ch2)



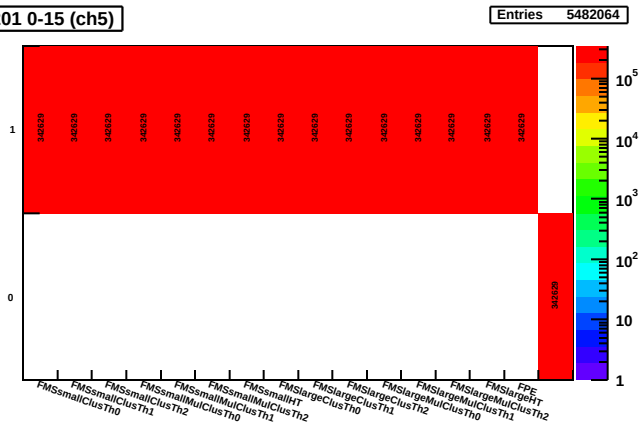
EM201 0-15 (ch3)



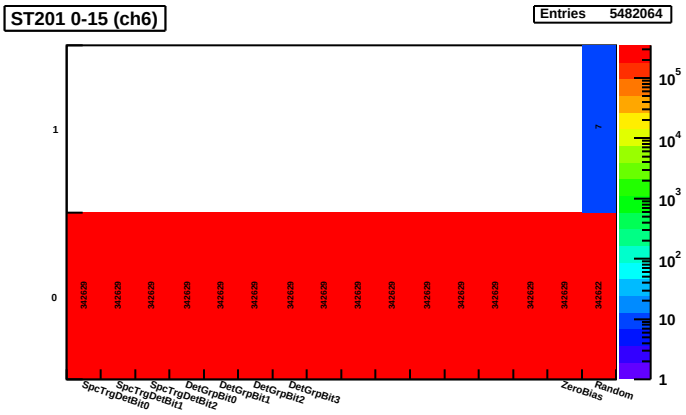
RAT board (ch4)



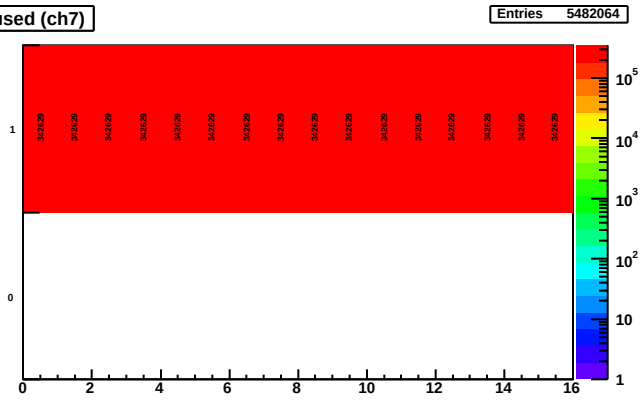
FP201 0-15 (ch5)

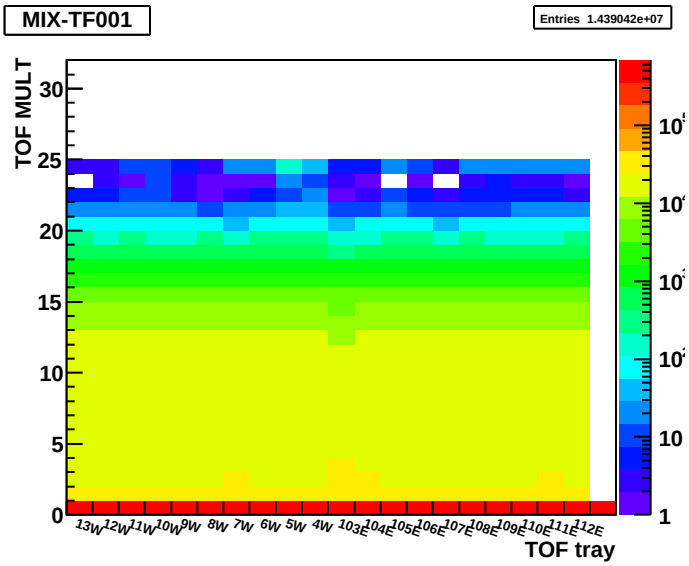


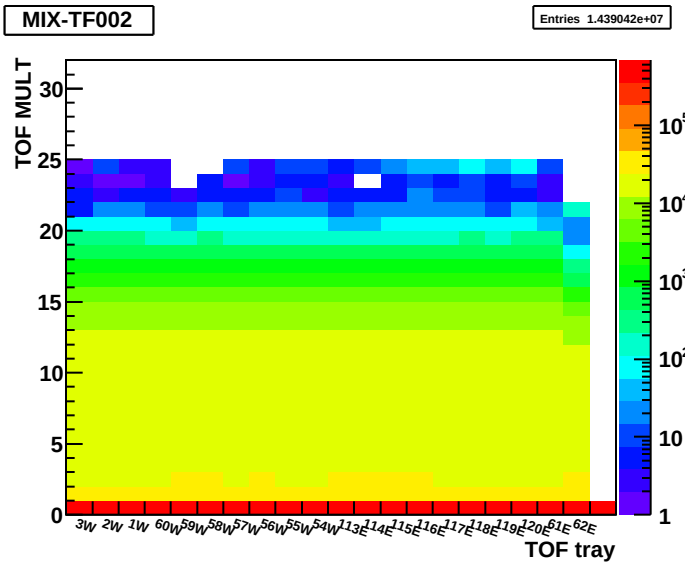
ST201 0-15 (ch6)

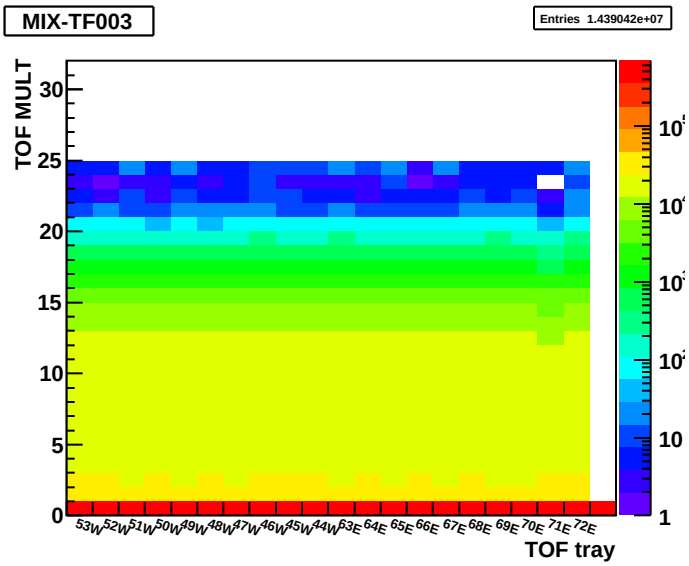


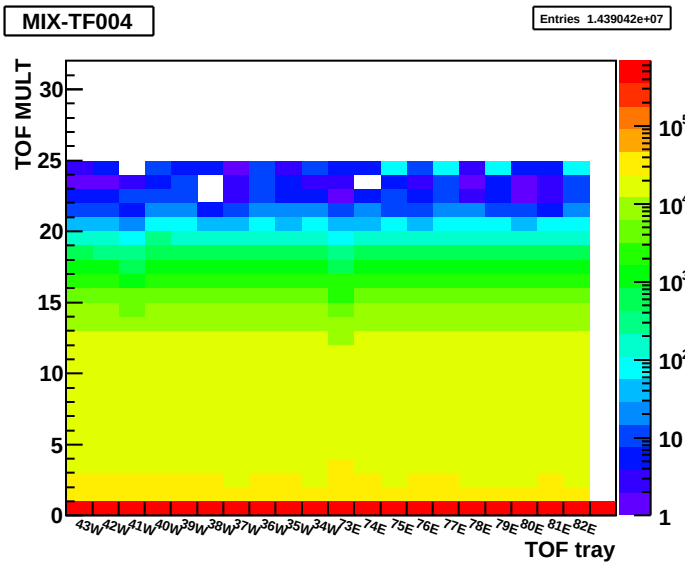
Unused (ch7)

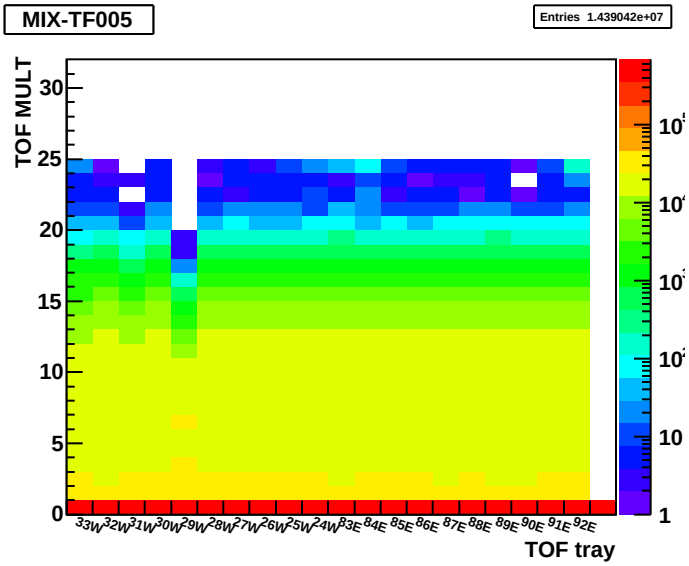


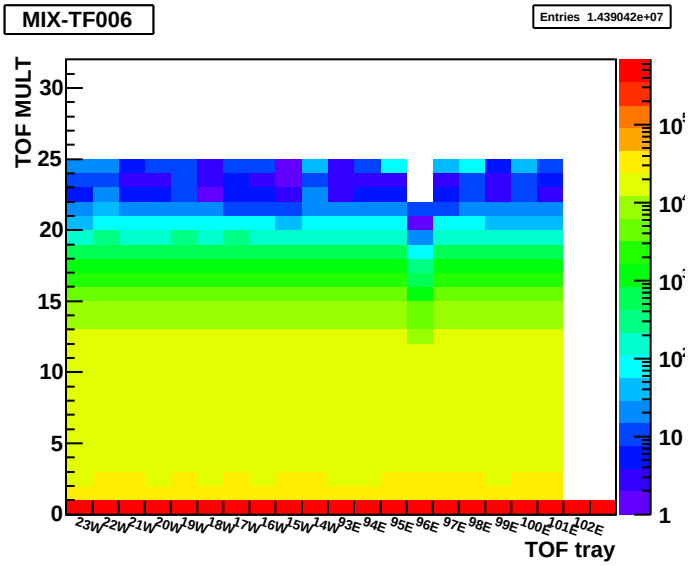

MIX-TF001
Entries 1.439042e+07
TOF MULT
TOF tray

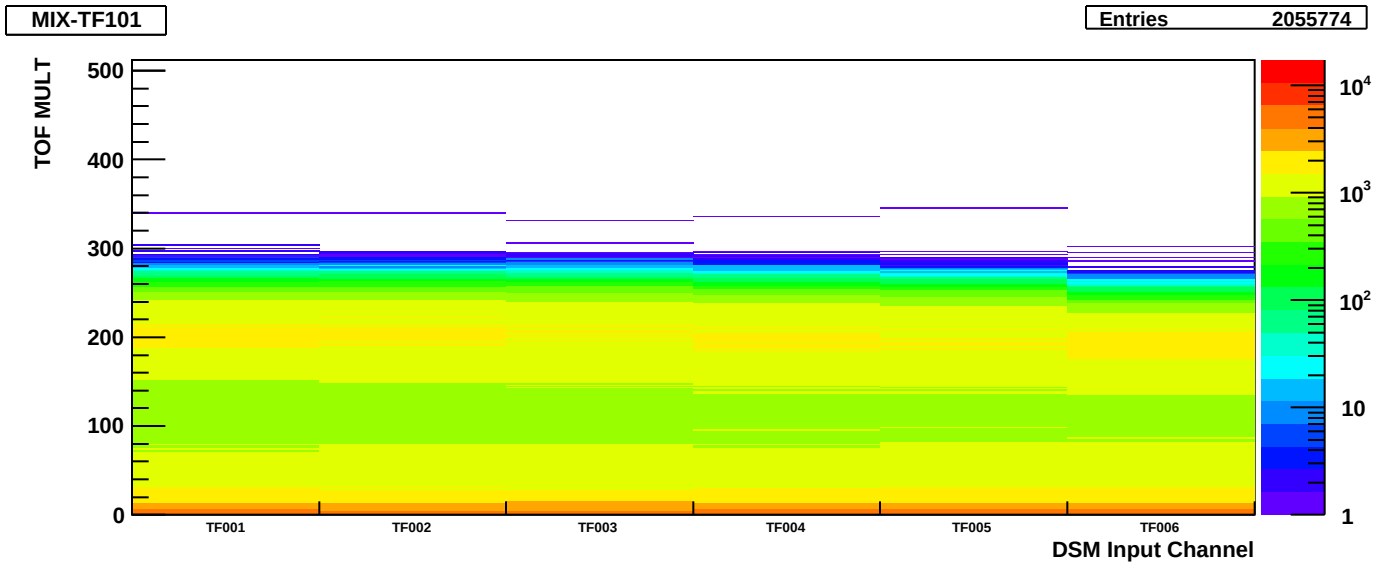

MIX-TF002
Entries 1.439042e+07
TOF MULT
TOF tray

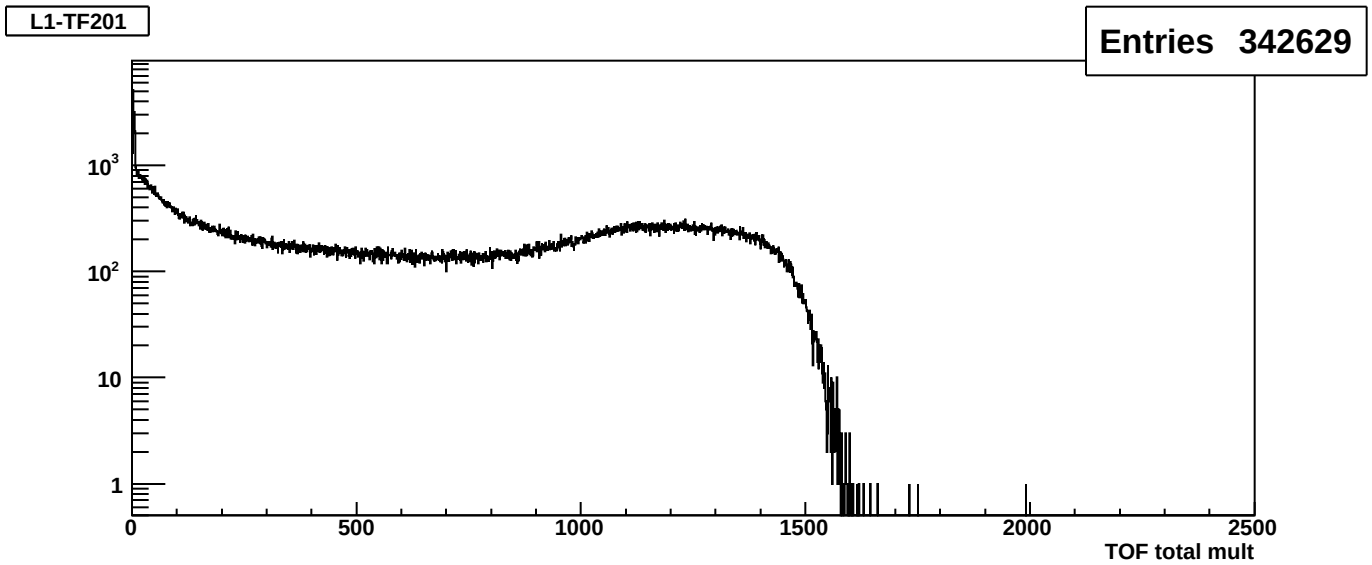

MIX-TF003
Entries 1.439042e+07
TOF MULT
TOF tray

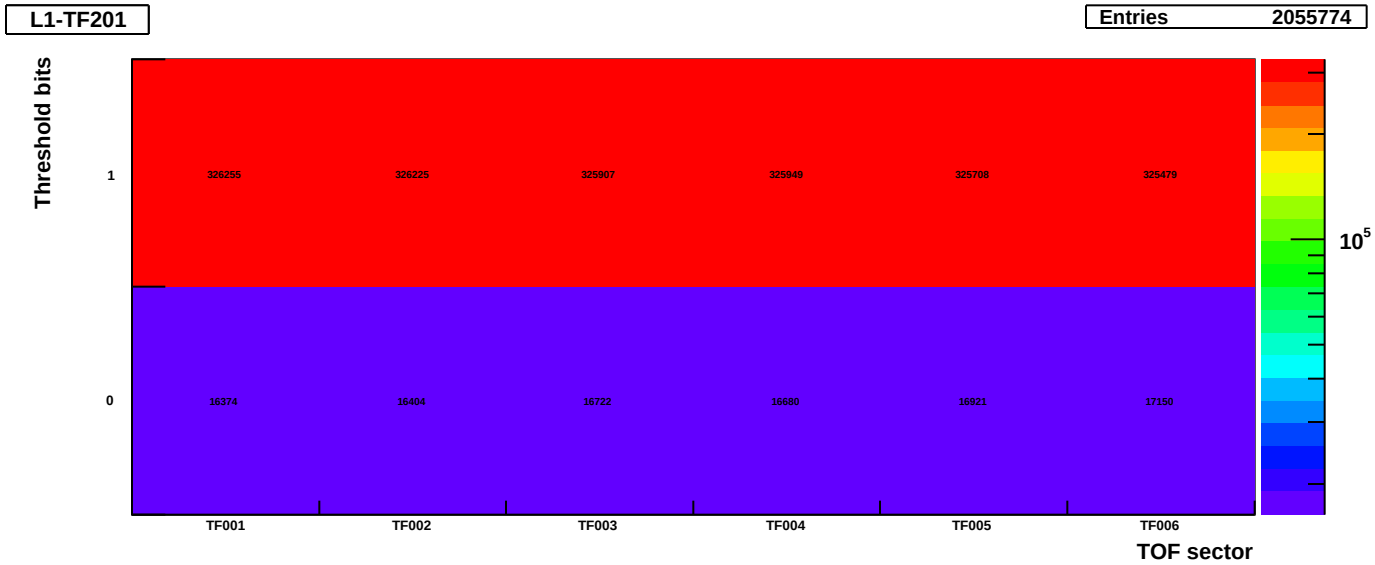

MIX-TF004
Entries 1.439042e+07
TOF MULT
TOF tray

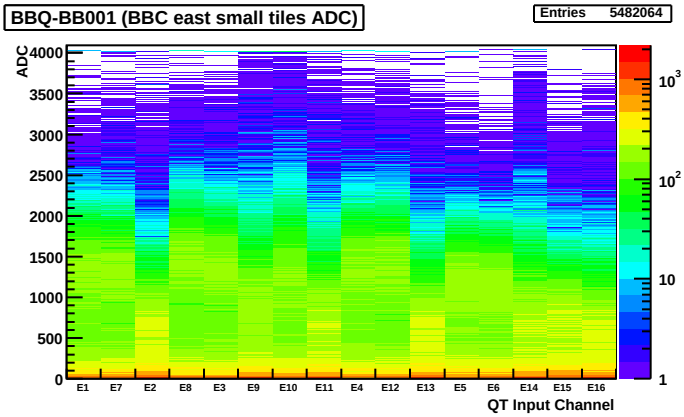

MIX-TF005
Entries 1.439042e+07
TOF MULT
TOF tray

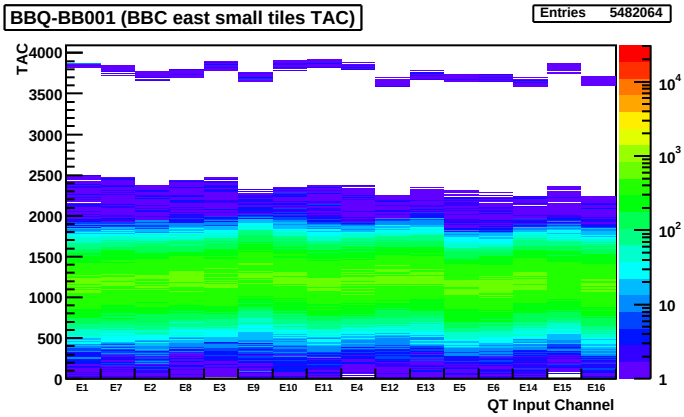

MIX-TF006
Entries 1.439042e+07
TOF MULT
TOF tray

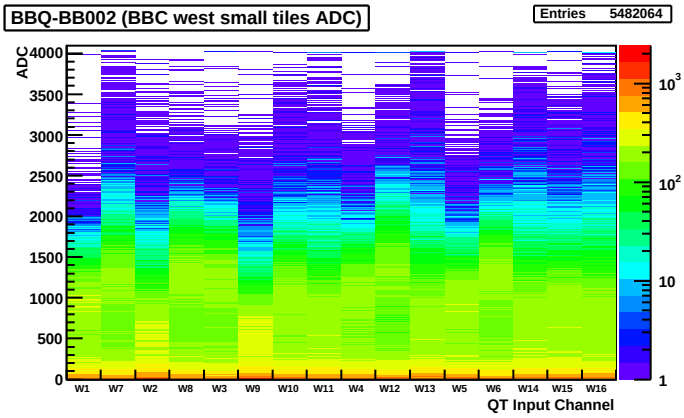

MIX-TF101
Entries 2055774
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^4
10^3
10^2
10
1

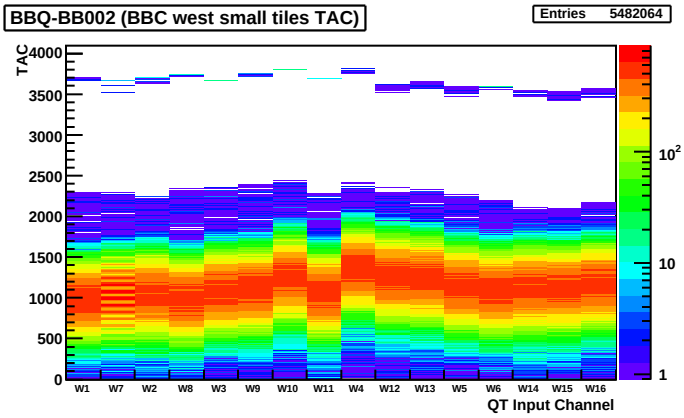

L1-TF201
Entries 342629
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

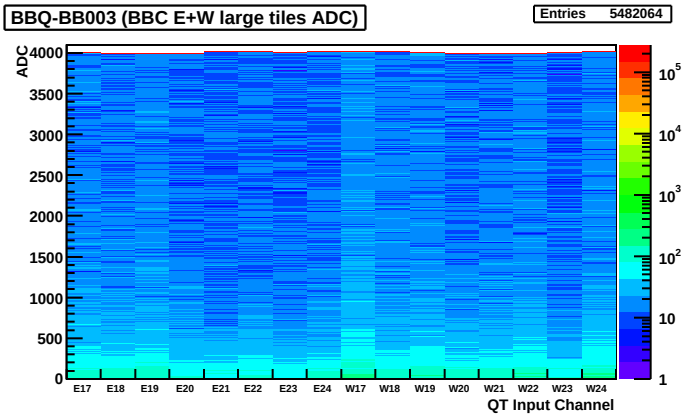

L1-TF201
Entries 2055774
Threshold bits
1
0
326255
326225
325907
325949
325708
325479
16374
16404
16722
16680
16921
17150
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^5

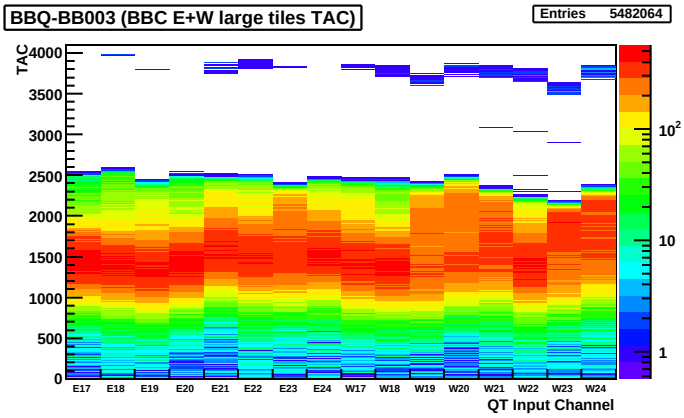

BBQ-BB001 (BBC east small tiles ADC)
Entries 5482064
ADC
QT Input Channel

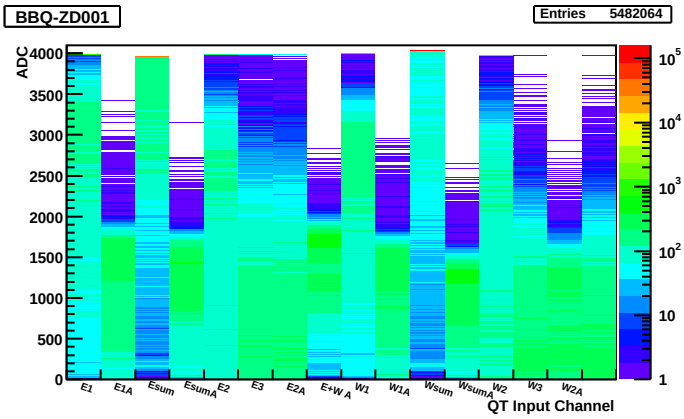

BBQ-BB001 (BBC east small tiles TAC)
Entries 5482064
TAC
QT Input Channel

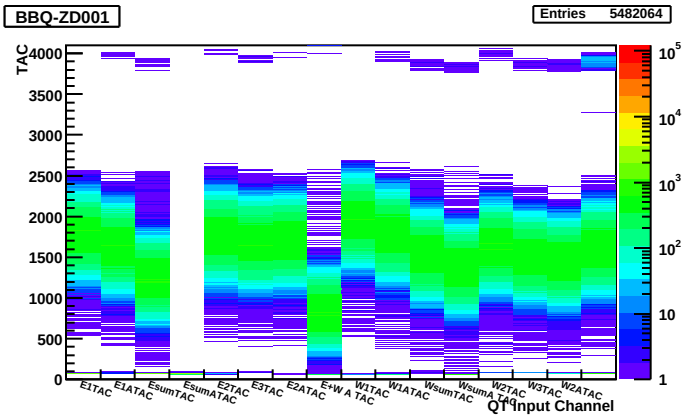

BBQ-BB002 (BBC west small tiles ADC)
Entries 5482064
ADC
QT Input Channel

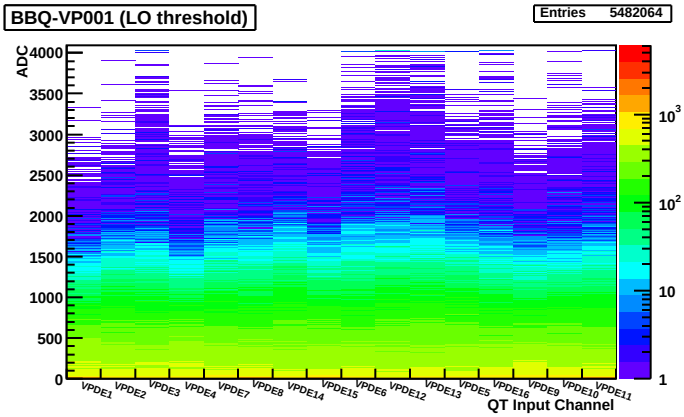

BBQ-BB002 (BBC west small tiles TAC)
Entries 5482064
TAC
QT Input Channel

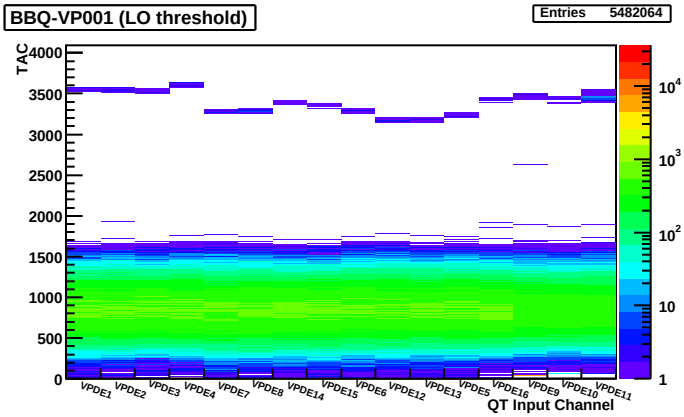

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 5482064
ADC
QT Input Channel

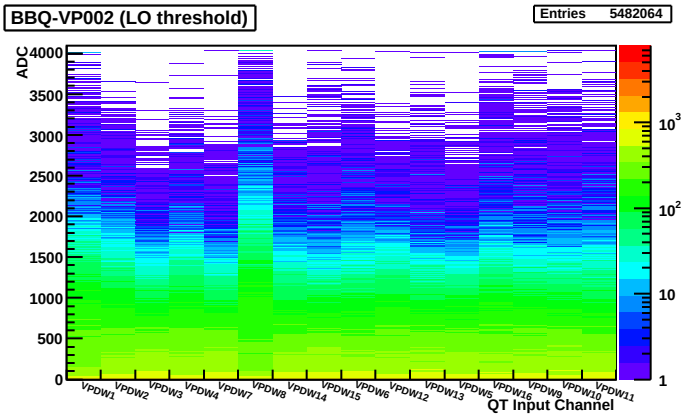

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 5482064
TAC
QT Input Channel

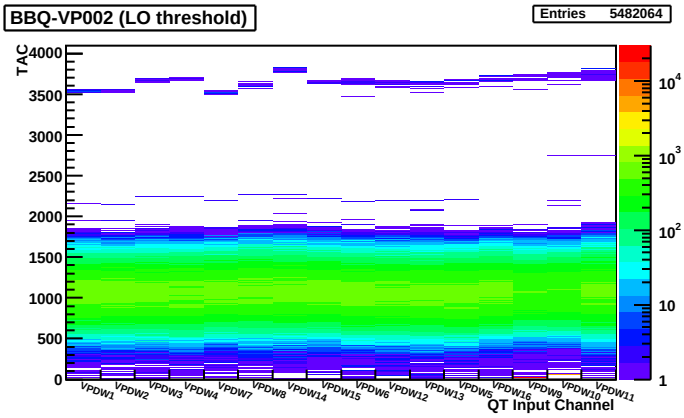

BBQ-ZD001
Entries 5482064
ADC
QT Input Channel

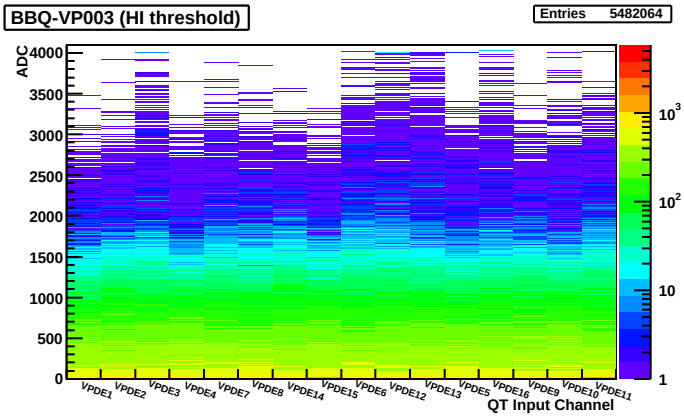

BBQ-ZD001
Entries 5482064
TAC
QT Input Channel

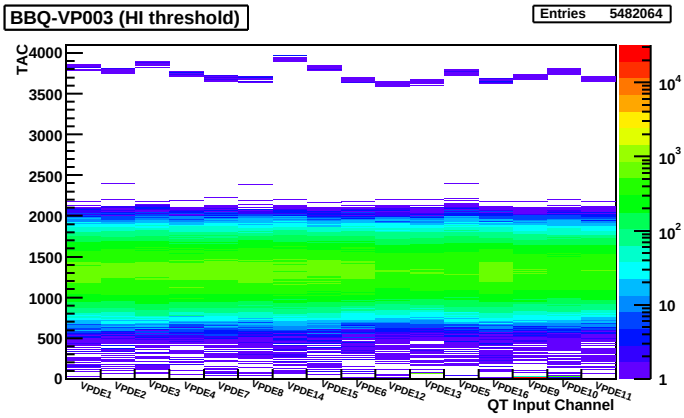

BBQ-VP001 (LO threshold)
Entries 5482064
ADC
QT Input Channel

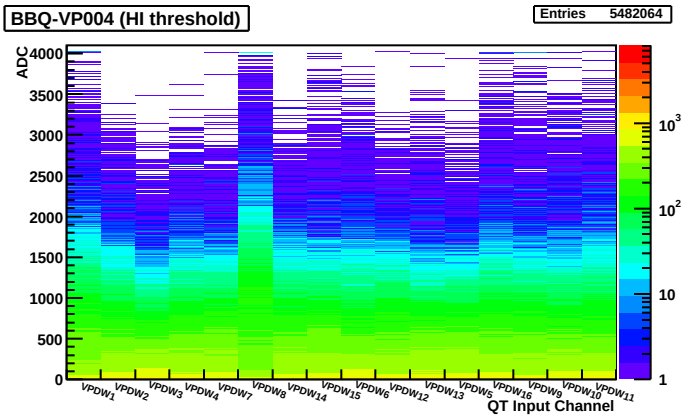

BBQ-VP001 (LO threshold)
Entries 5482064
TAC
QT Input Channel

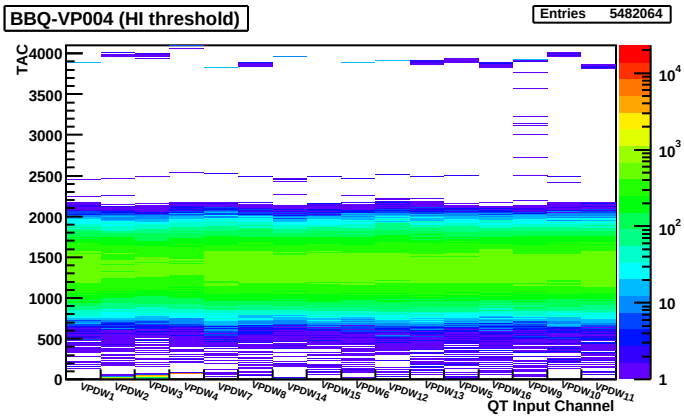

BBQ-VP002 (LO threshold)
Entries 5482064
ADC
QT Input Channel


BBQ-VP002 (LO threshold)
Entries 5482064
TAC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 5482064
ADC
QT Input Channel


BBQ-VP003 (HI threshold)
Entries 5482064
TAC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 5482064
ADC
QT Input Channel


BBQ-VP004 (HI threshold)
Entries 5482064
TAC
QT Input Channel