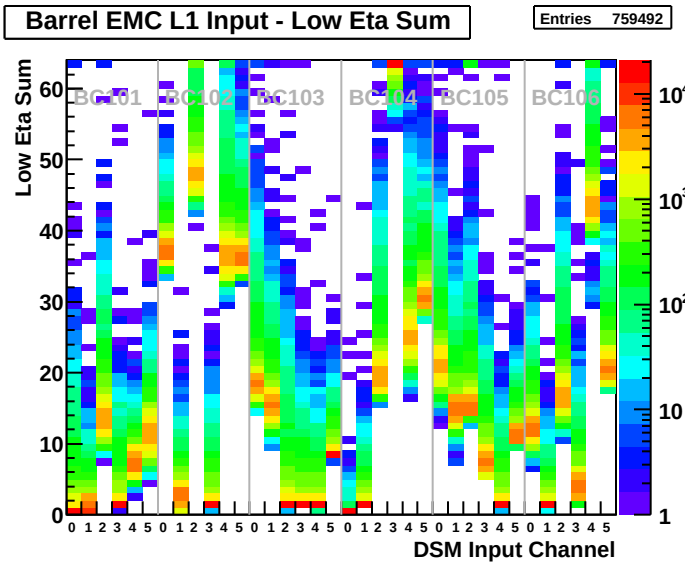
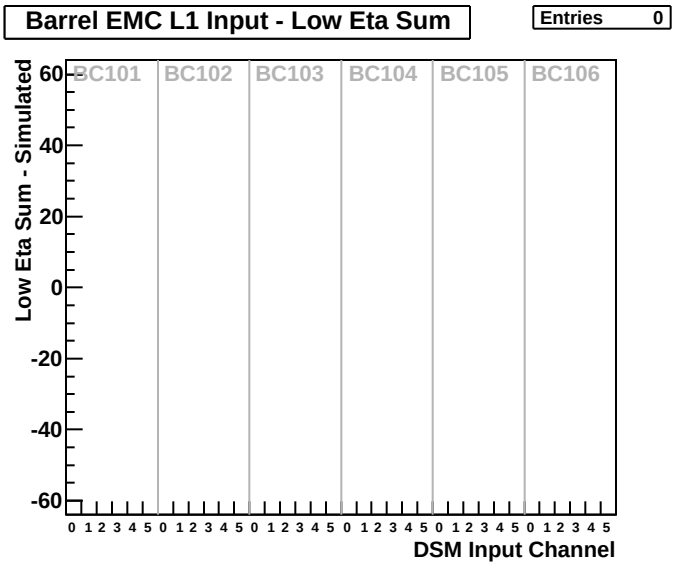
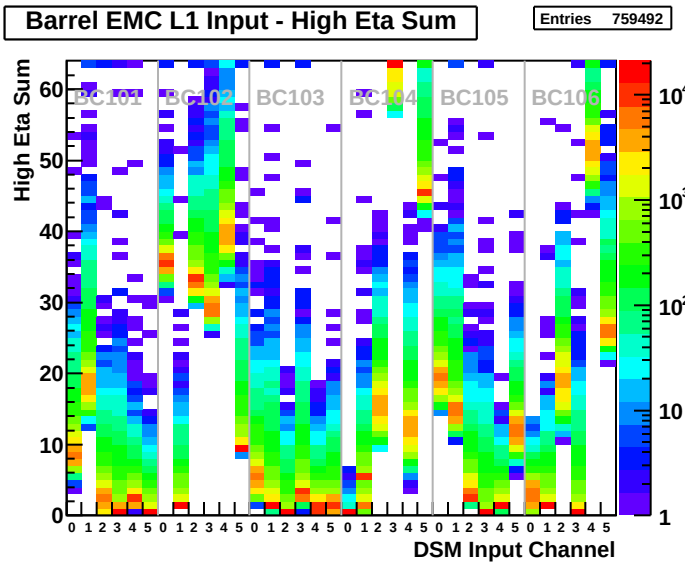
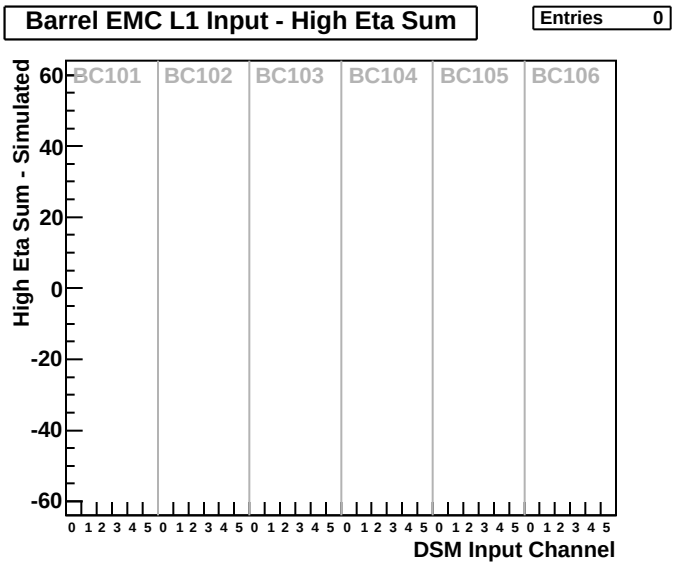
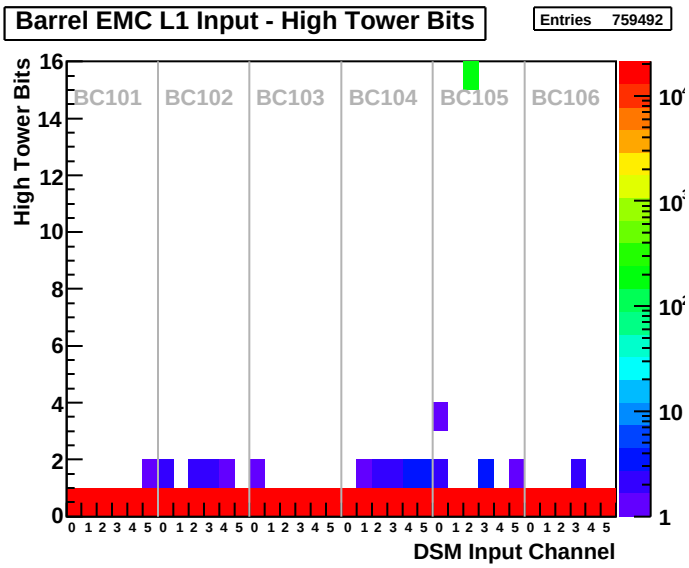
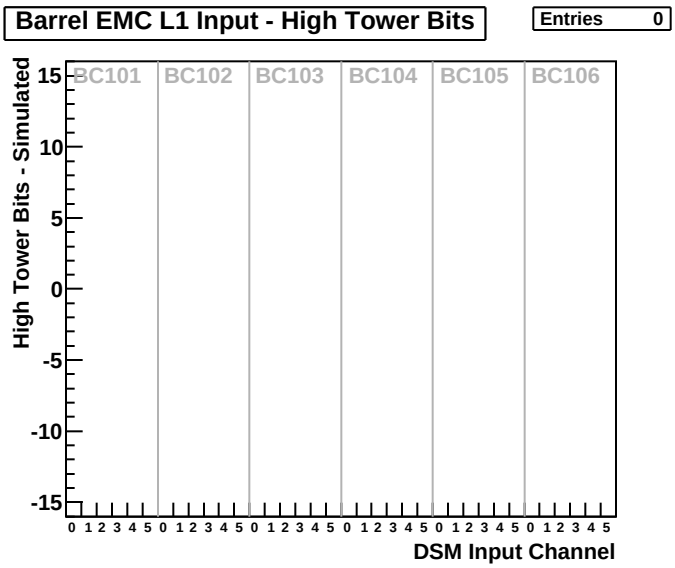

Barrel EMC L1 Input - Low Eta Sum
Entries 759492
Low Eta Sum
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

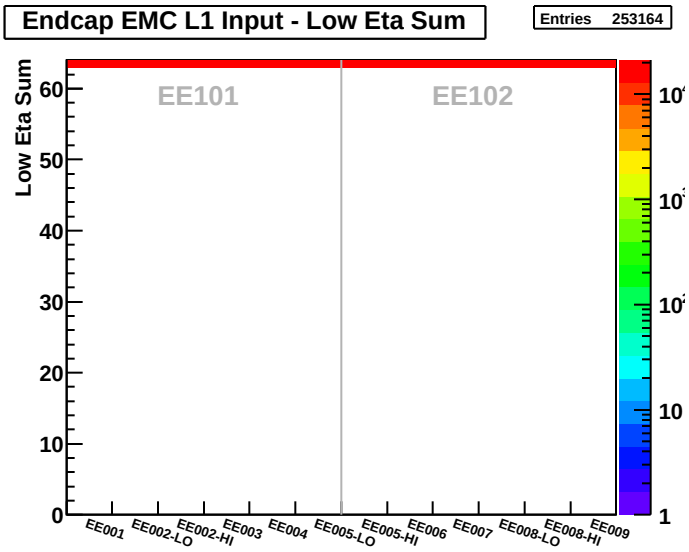

Barrel EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

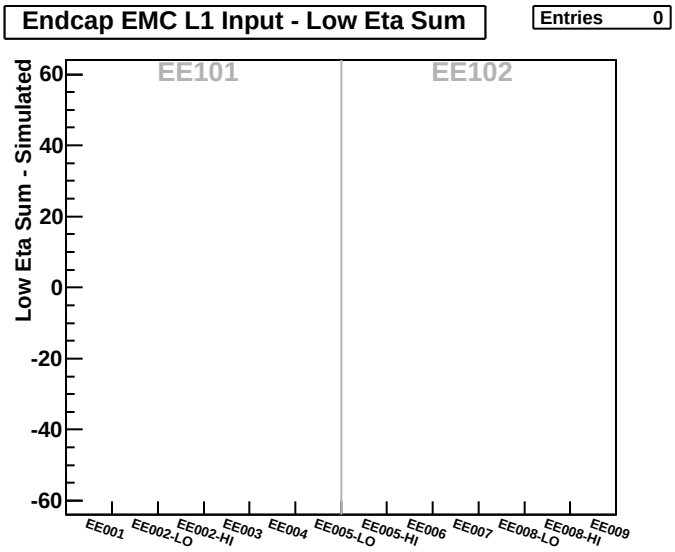

Barrel EMC L1 Input - High Eta Sum
Entries 759492
High Eta Sum
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

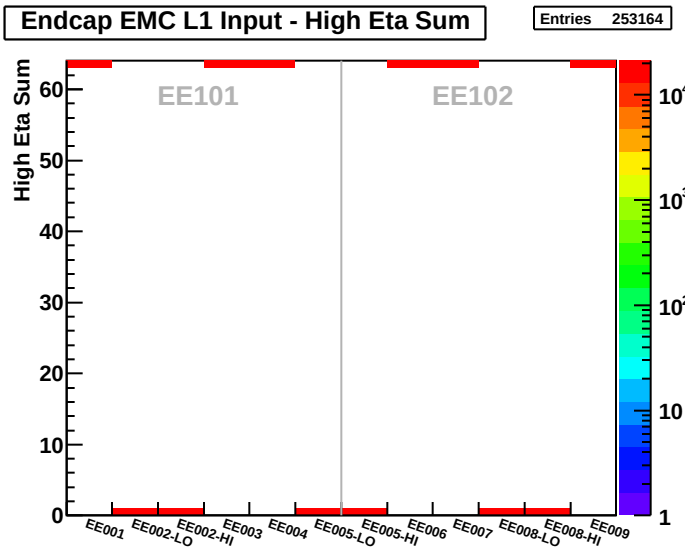

Barrel EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

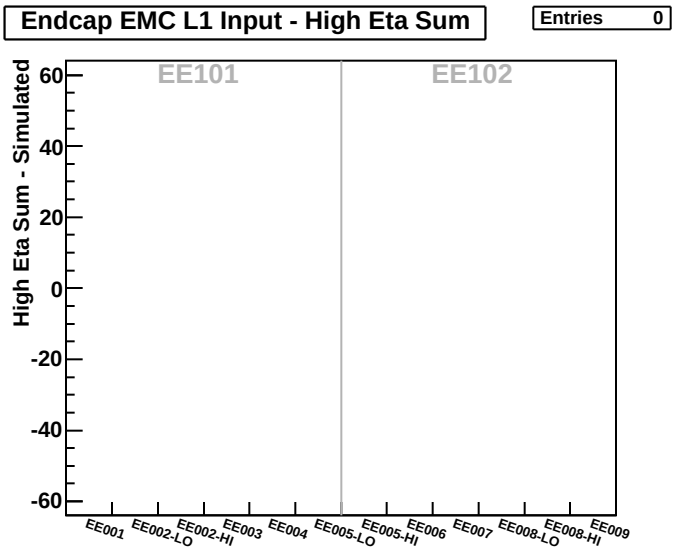

Barrel EMC L1 Input - High Tower Bits
Entries 759492
High Tower Bits
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

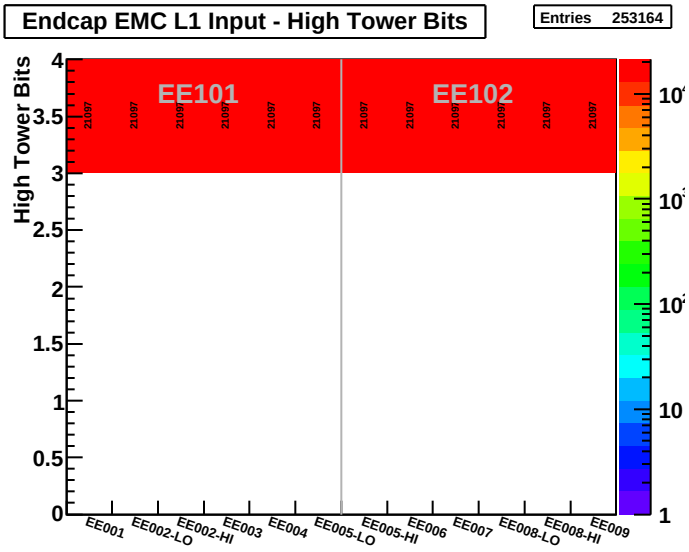

Barrel EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
BC101 BC102 BC103 BC104 BC105 BC106
DSM Input Channel

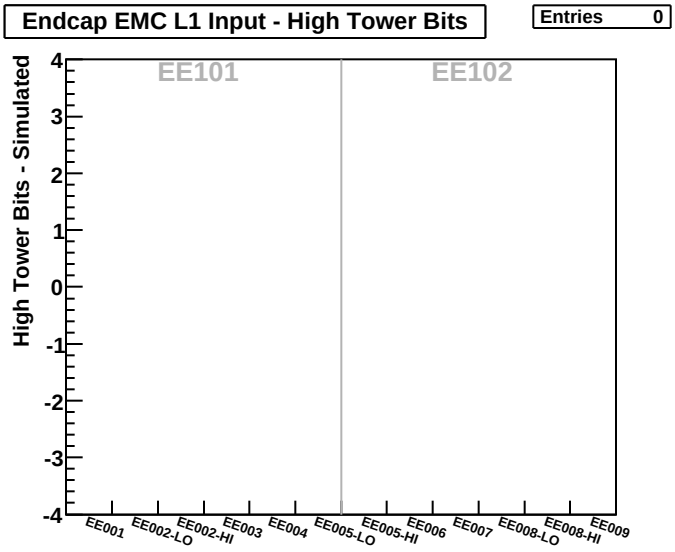

Endcap EMC L1 Input - Low Eta Sum
Entries 253164
Low Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

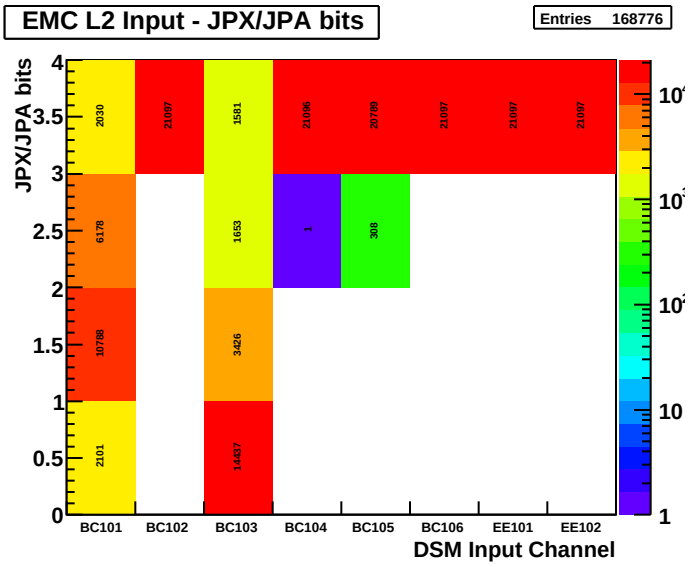

Endcap EMC L1 Input - Low Eta Sum
Entries 0
Low Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

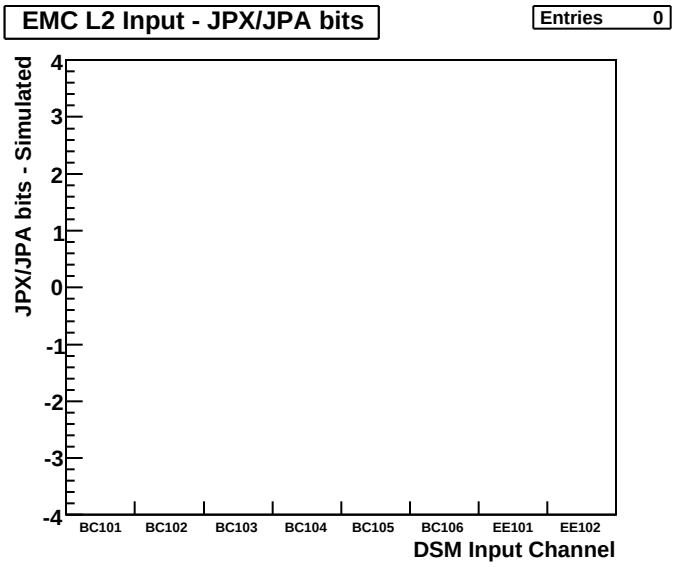

Endcap EMC L1 Input - High Eta Sum
Entries 253164
High Eta Sum
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

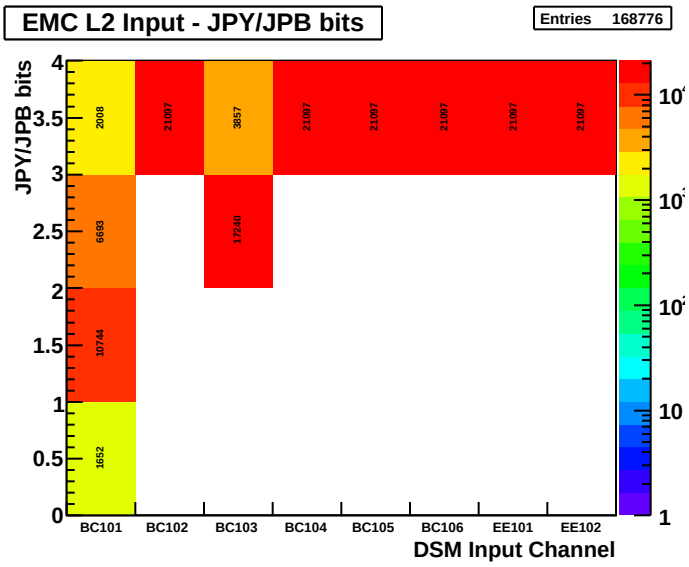

Endcap EMC L1 Input - High Eta Sum
Entries 0
High Eta Sum - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

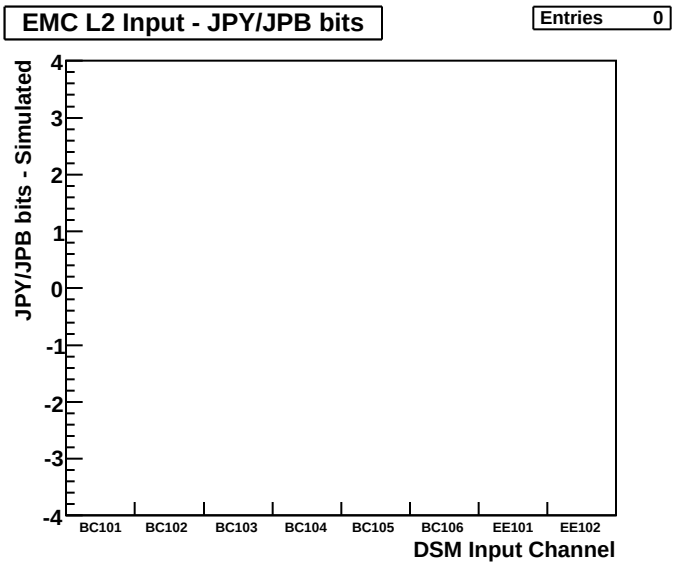

Endcap EMC L1 Input - High Tower Bits
Entries 253164
High Tower Bits
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

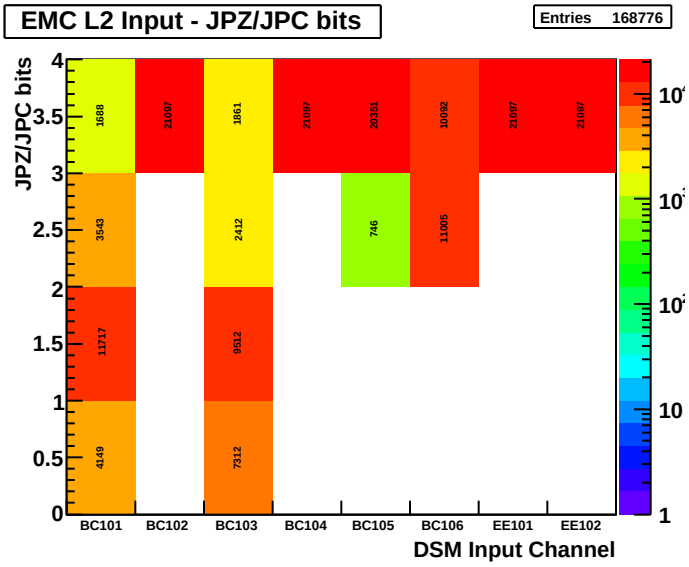

Endcap EMC L1 Input - High Tower Bits
Entries 0
High Tower Bits - Simulated
EE101
EE102
EE001 EE002-LO EE002-HI EE003 EE004 EE005-LO EE005-HI EE006 EE007 EE008-LO EE008-HI EE009

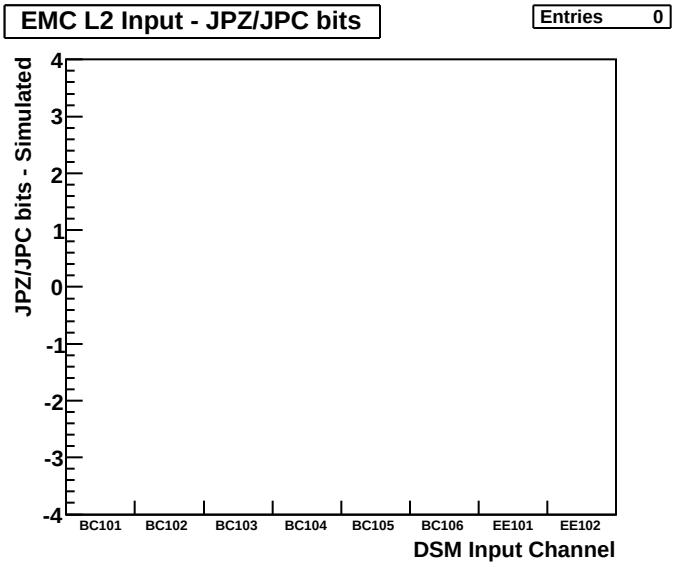

EMC L2 Input - JPX/JPA bits
Entries 168776
JPX/JPA bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
2030 21097 1581 21096 20789 21097 21097 21097
6178 1653 1 308
10788 3426
2101 14437

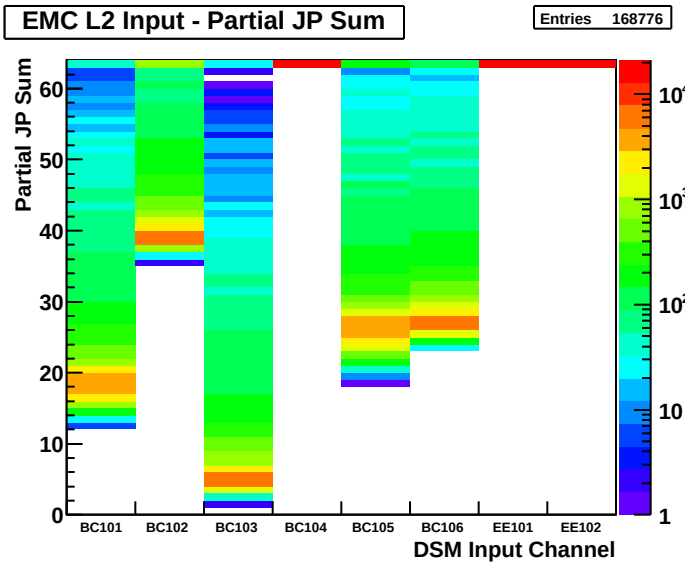

EMC L2 Input - JPX/JPA bits
Entries 0
JPX/JPA bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

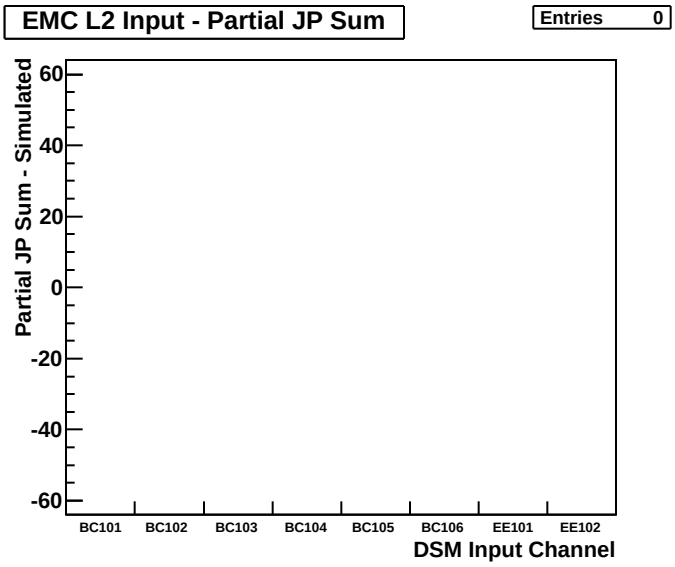

EMC L2 Input - JPY/JPB bits
Entries 168776
JPY/JPB bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
2008 21097 3857 21097 21097 21097 21097 21097
6693 17240
10744
1652

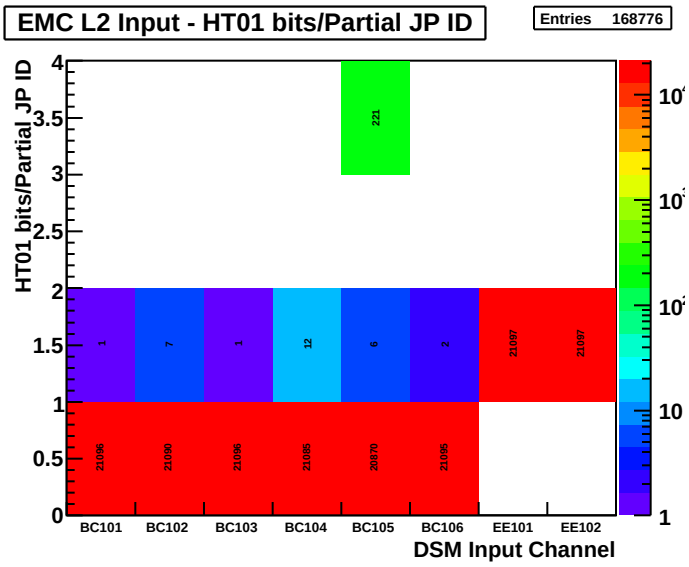

EMC L2 Input - JPY/JPB bits
Entries 0
JPY/JPB bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

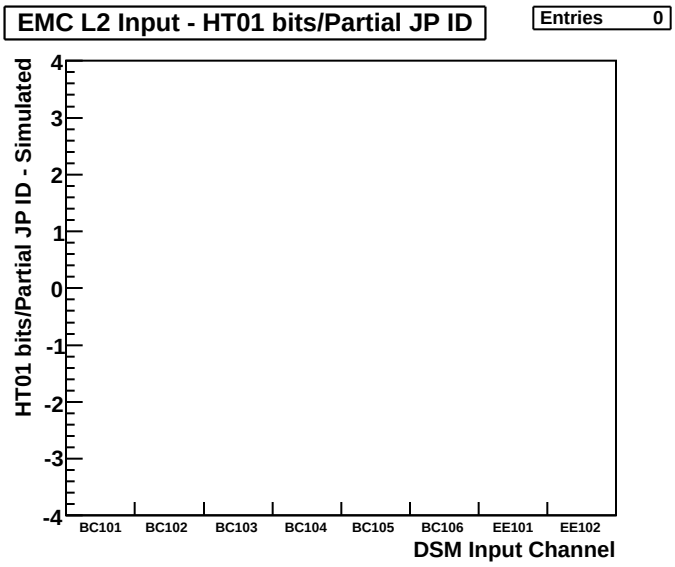

EMC L2 Input - JPZ/JPC bits
Entries 168776
JPZ/JPC bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102
1688 21097 1861 21097 20351 10092 21097 21097
3543 2412 746 11005
11717 9612
4149 7312

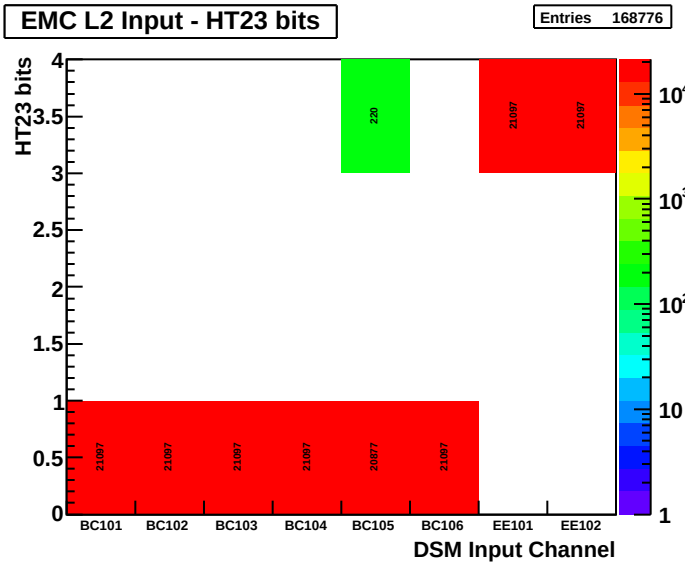

EMC L2 Input - JPZ/JPC bits
Entries 0
JPZ/JPC bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

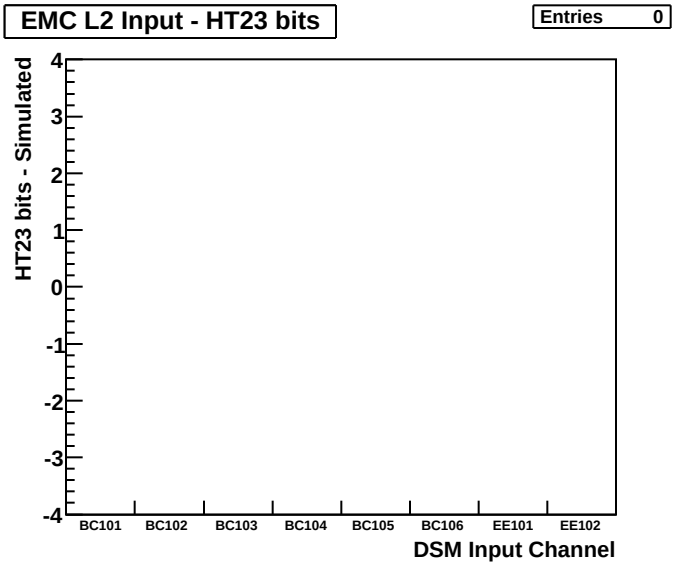

EMC L2 Input - Partial JP Sum
Entries 168776
Partial JP Sum
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

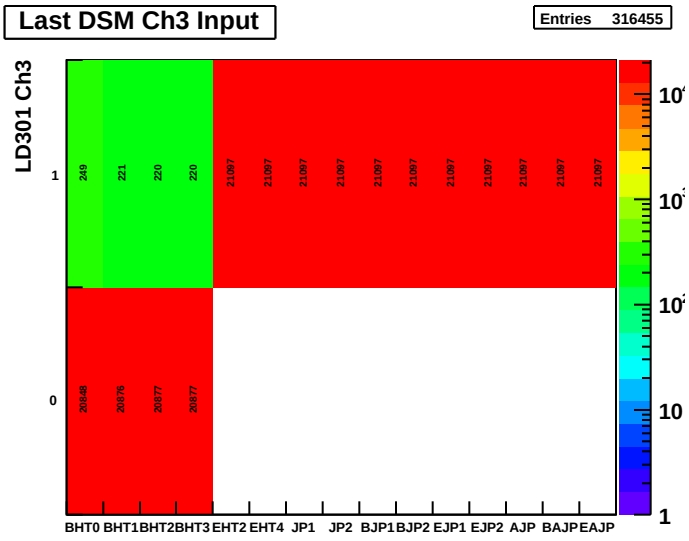

EMC L2 Input - Partial JP Sum
Entries 0
Partial JP Sum - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

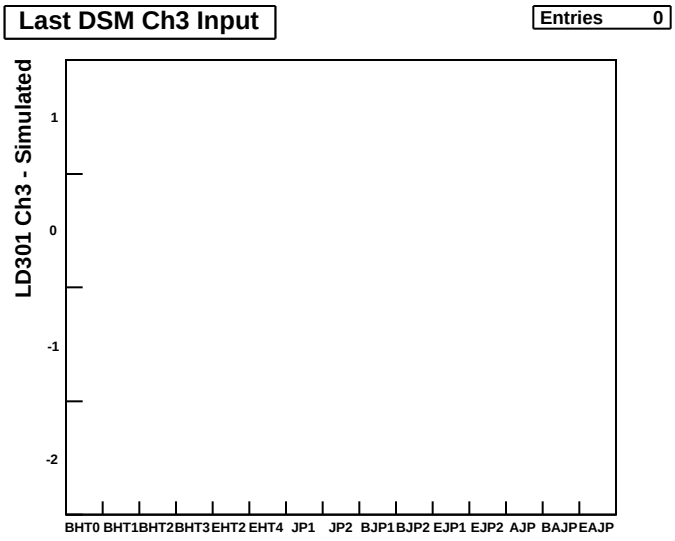

EMC L2 Input - HT01 bits/Partial JP ID
Entries 168776
HT01 bits/Partial JP ID
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

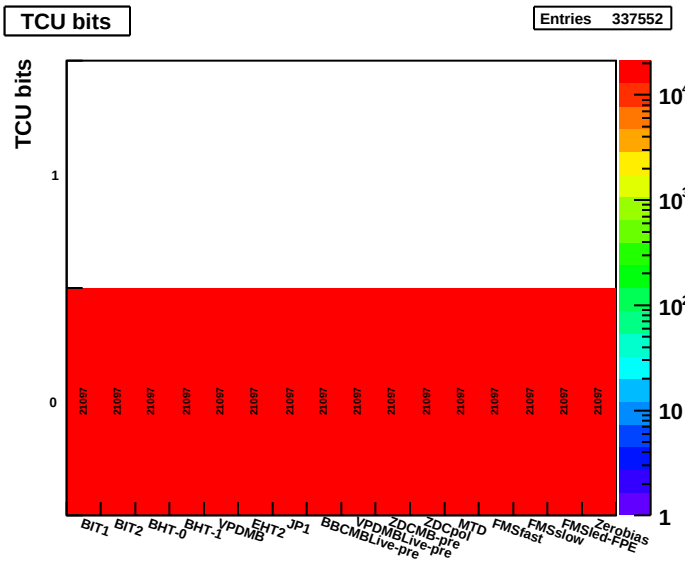

EMC L2 Input - HT01 bits/Partial JP ID
Entries 0
HT01 bits/Partial JP ID - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

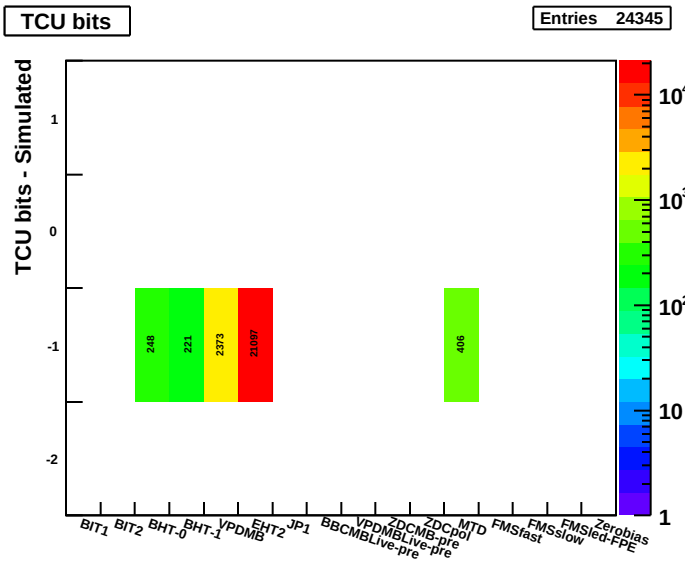

EMC L2 Input - HT23 bits
Entries 168776
HT23 bits
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

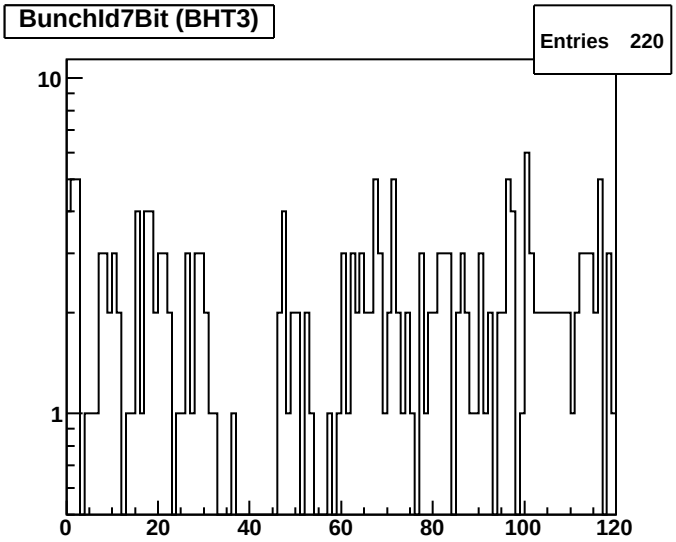

EMC L2 Input - HT23 bits
Entries 0
HT23 bits - Simulated
DSM Input Channel
BC101 BC102 BC103 BC104 BC105 BC106 EE101 EE102

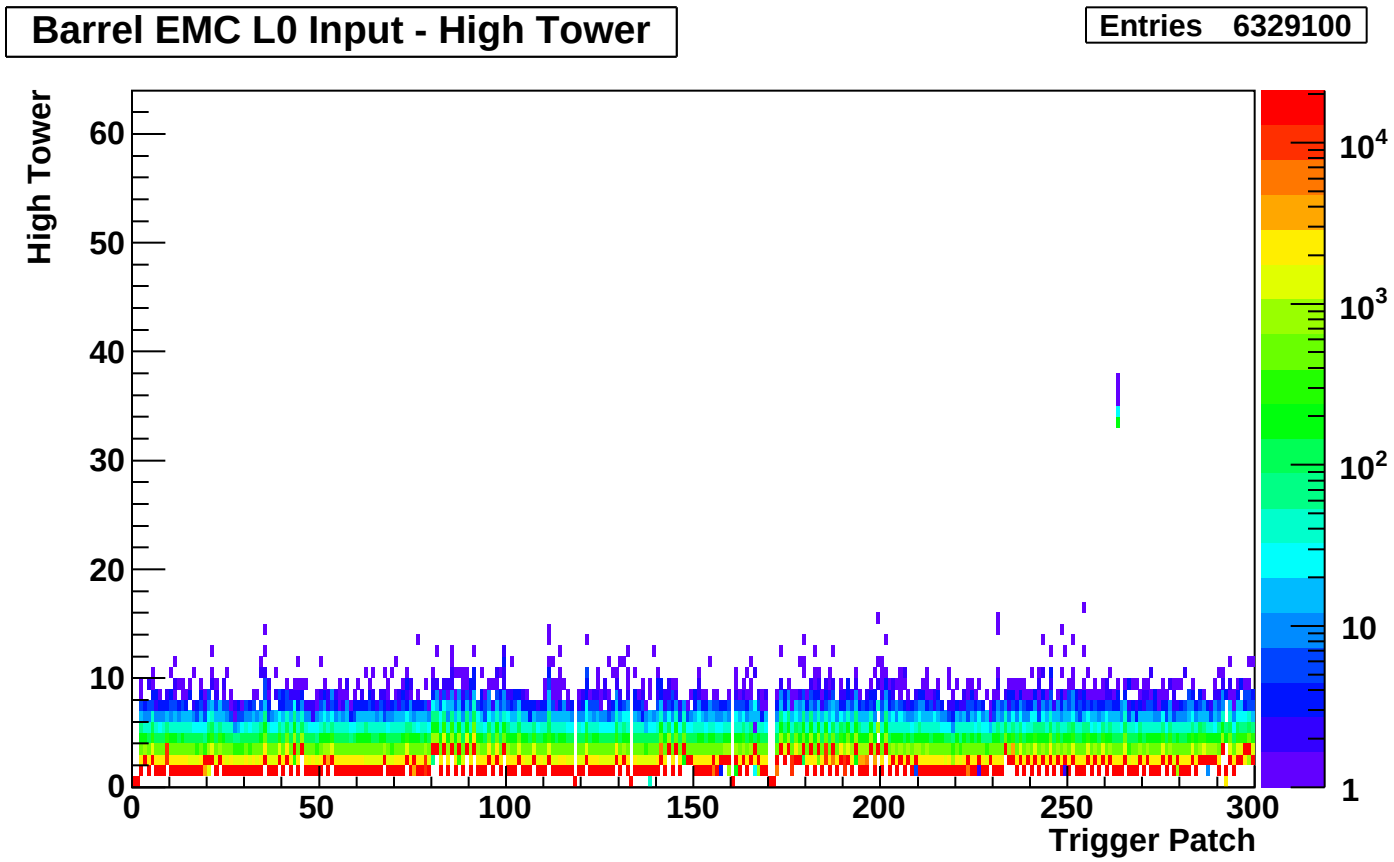

Last DSM Ch3 Input
Entries 316455
LD301 Ch3
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

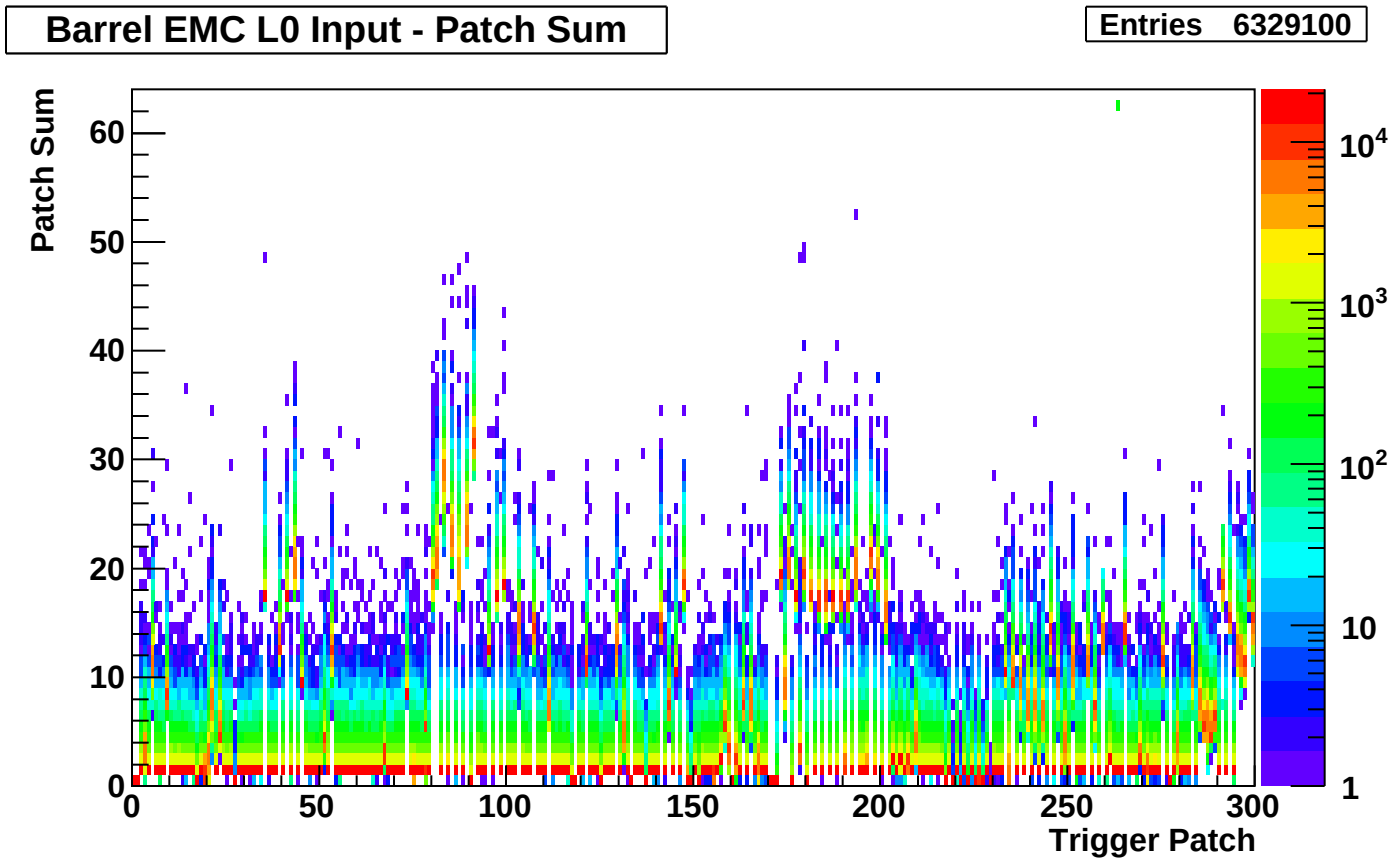

Last DSM Ch3 Input
Entries 0
LD301 Ch3 - Simulated
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

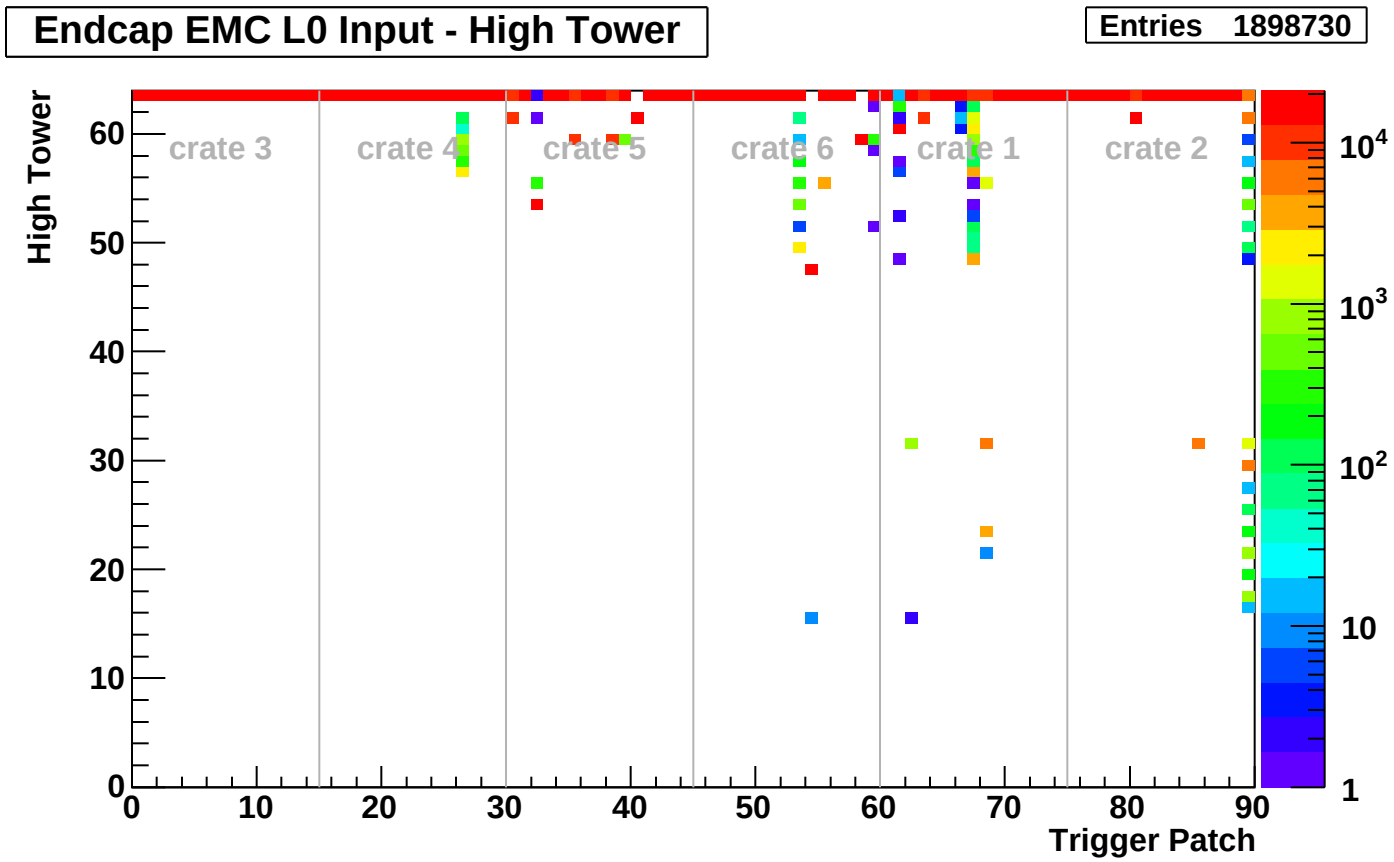

TCU bits
Entries 337552
TCU bits
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

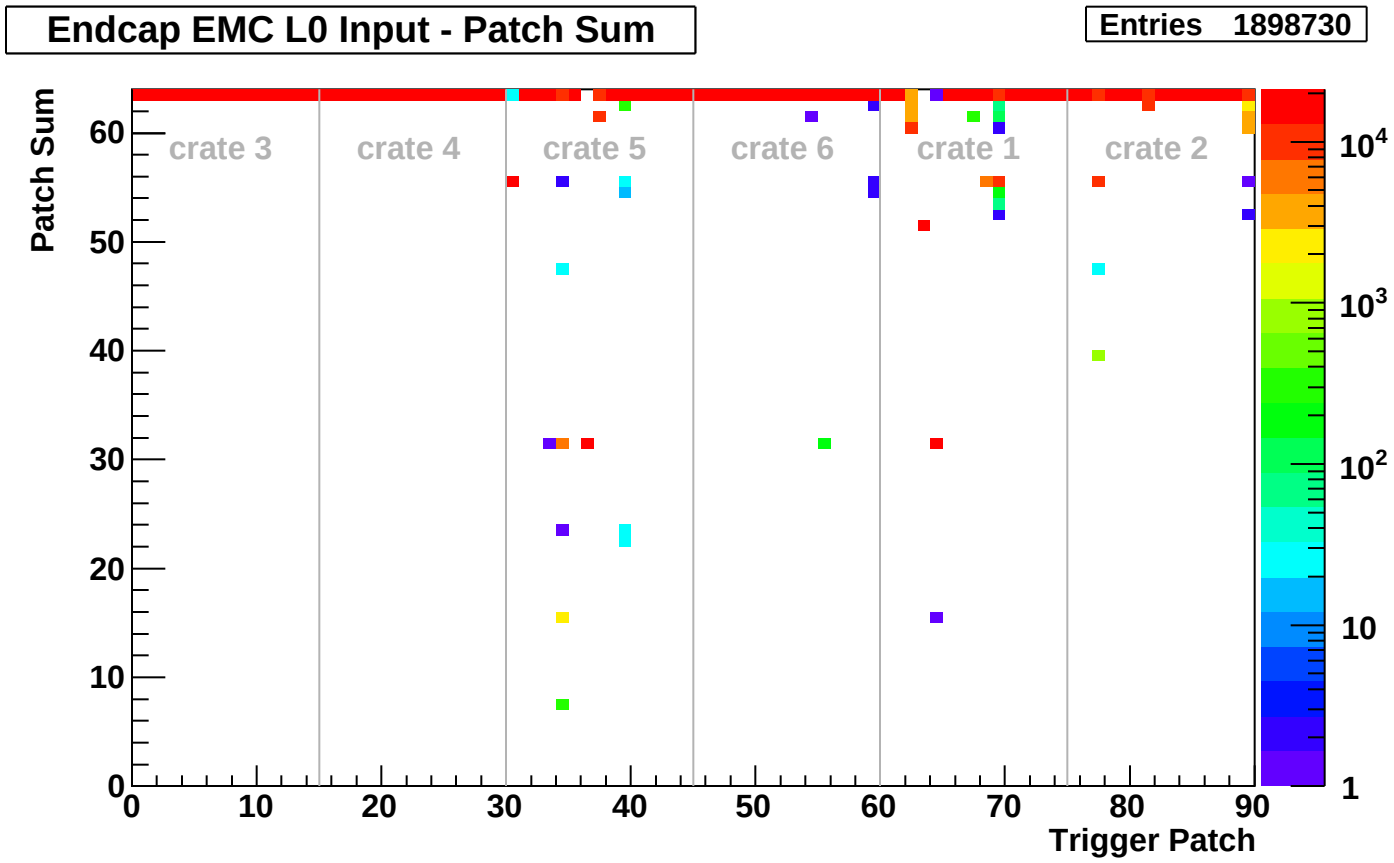

TCU bits
Entries 24345
TCU bits - Simulated
BIT1 BIT2 BHT-0 BHT-1 VPDMB EHT2 JP1 BBCMBLive-pre VPDMBLive-pre ZDCMB-pre ZDCpol MTD FMSfast FMSslow FMSled-FPE Zerobias

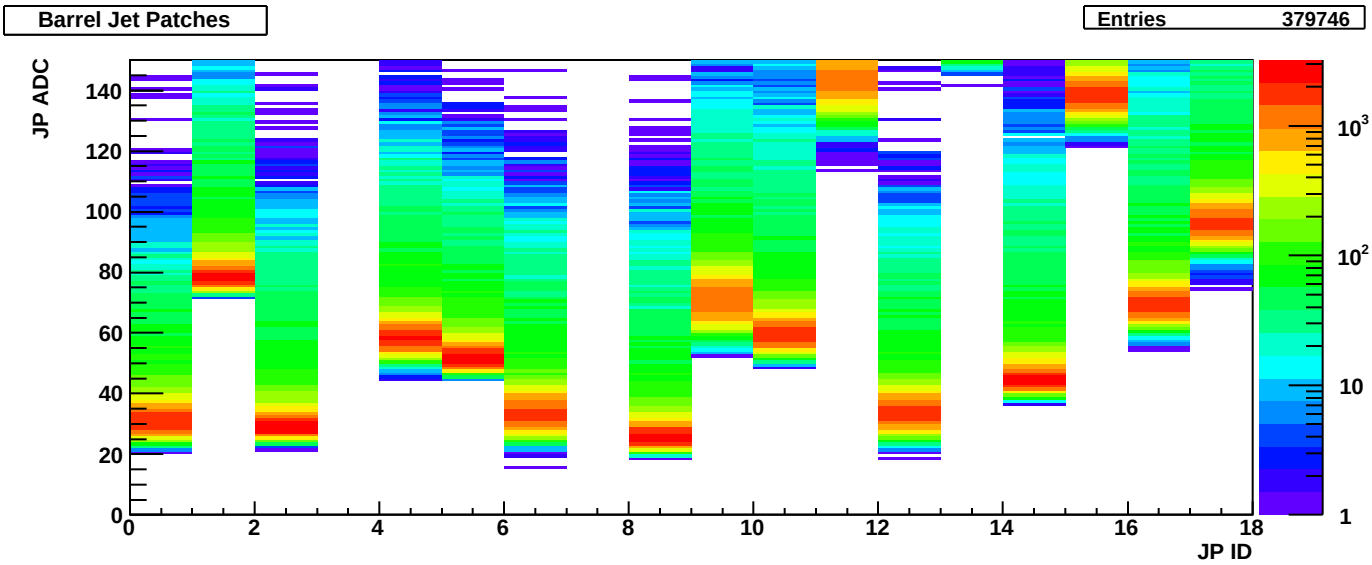

BunchId7Bit (BHT3)
Entries 220

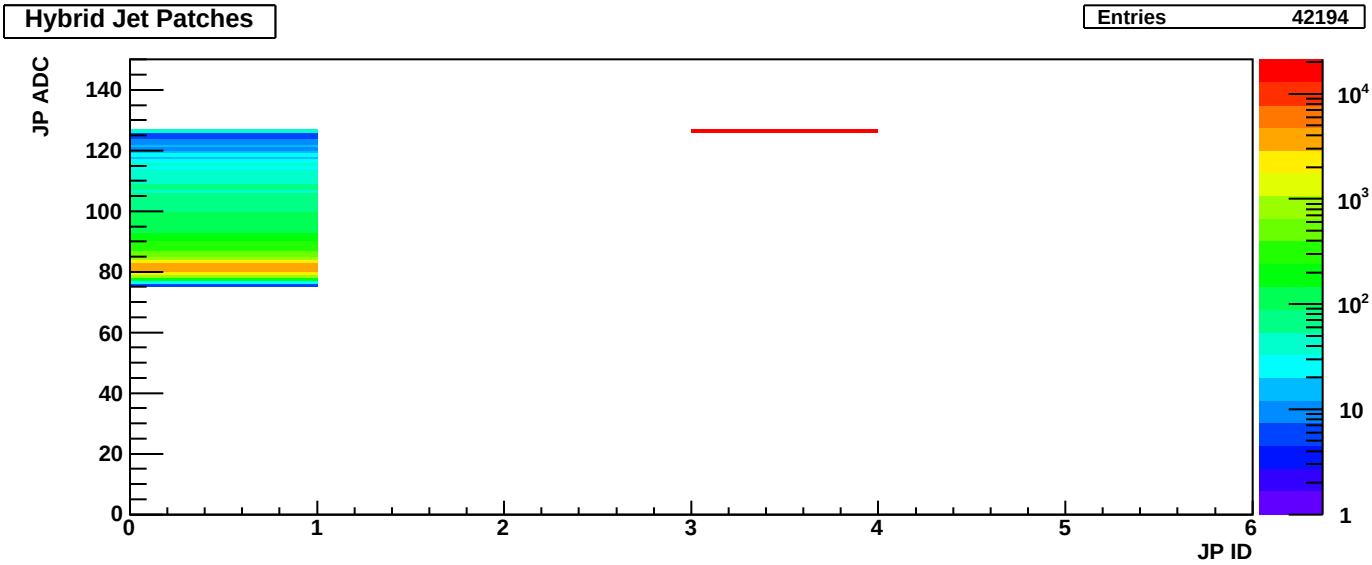

Barrel EMC L0 Input - High Tower
Entries 6329100
High Tower
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

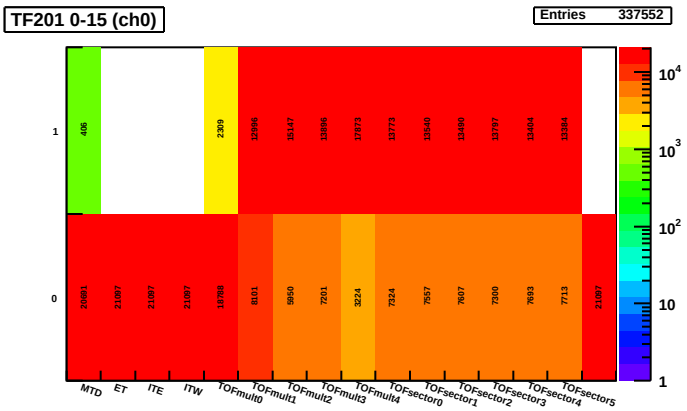

Barrel EMC L0 Input - Patch Sum
Entries 6329100
Patch Sum
Trigger Patch
0
10
20
30
40
50
60
0
50
100
150
200
250
300
1
10
10^2
10^3
10^4

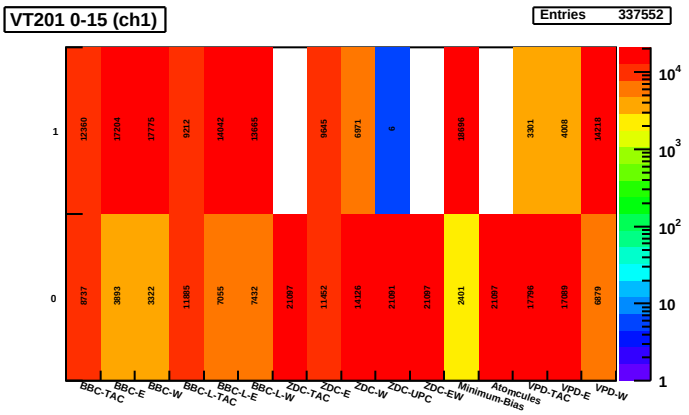

Endcap EMC L0 Input - High Tower
Entries 1898730
High Tower
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

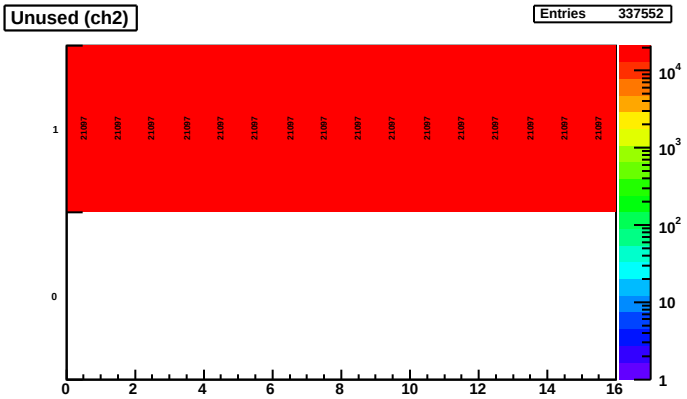

Endcap EMC L0 Input - Patch Sum
Entries 1898730
Patch Sum
Trigger Patch
crate 3
crate 4
crate 5
crate 6
crate 1
crate 2

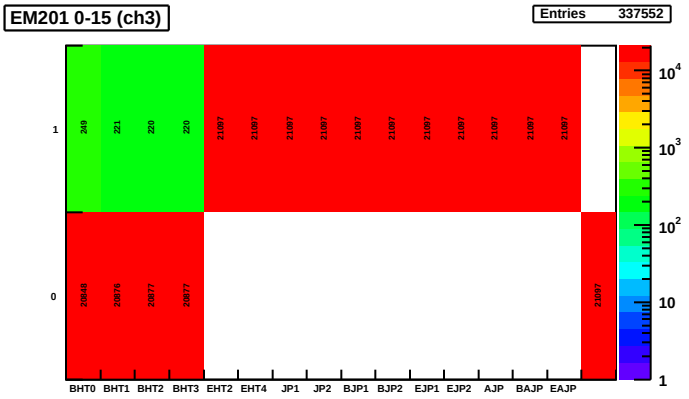

Barrel Jet Patches
Entries 379746
JP ADC
JP ID

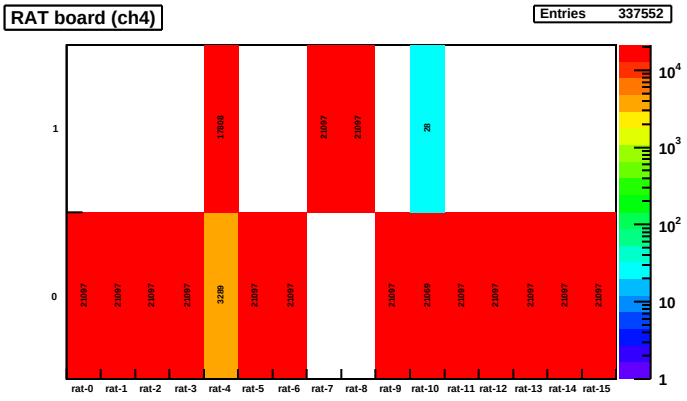

Hybrid Jet Patches
Entries 42194
JP ADC
JP ID

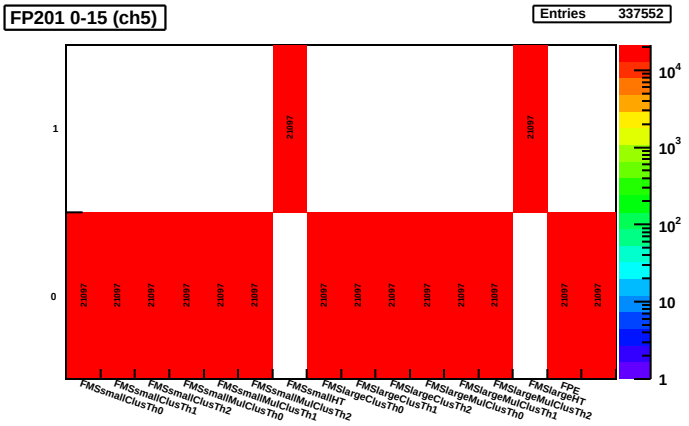

TF201 0-15 (ch0)
Entries 337552
MTD ET ITE ITW TOFmult0 TOFmult1 TOFmult2 TOFmult3 TOFmult4 TOFsector0 TOFsector1 TOFsector2 TOFsector3 TOFsector4 TOFsector5

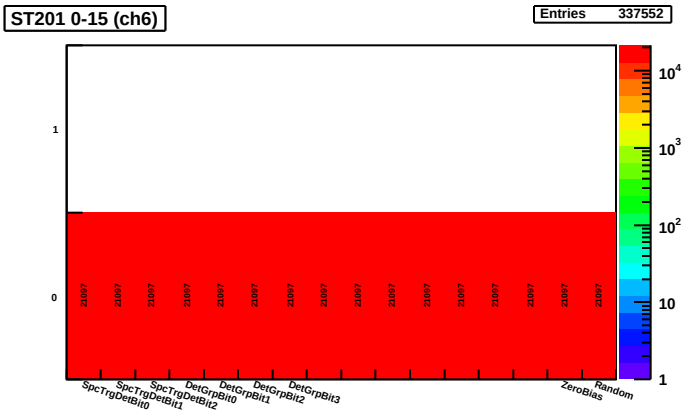

VT201 0-15 (ch1)
Entries 337552
BBC-TAC BBC-E BBC-W BBC-L-TAC BBC-L-E BBC-L-W ZDC-TAC ZDC-E ZDC-W ZDC-UPC ZDC-EW Minimum-Bias Atomcules VPD-TAC VPD-E VPD-W

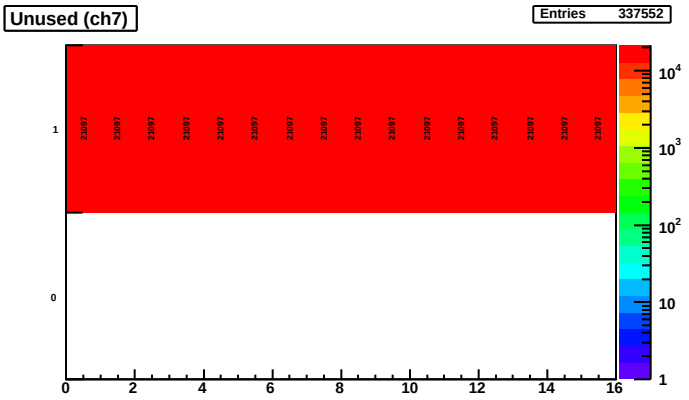

Unused (ch2)
Entries 337552

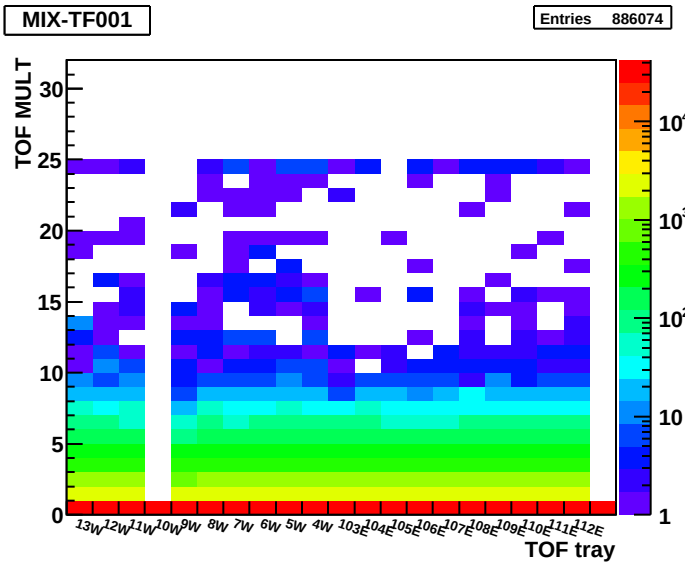

EM201 0-15 (ch3)
Entries 337552
BHT0 BHT1 BHT2 BHT3 EHT2 EHT4 JP1 JP2 BJP1 BJP2 EJP1 EJP2 AJP BAJP EAJP

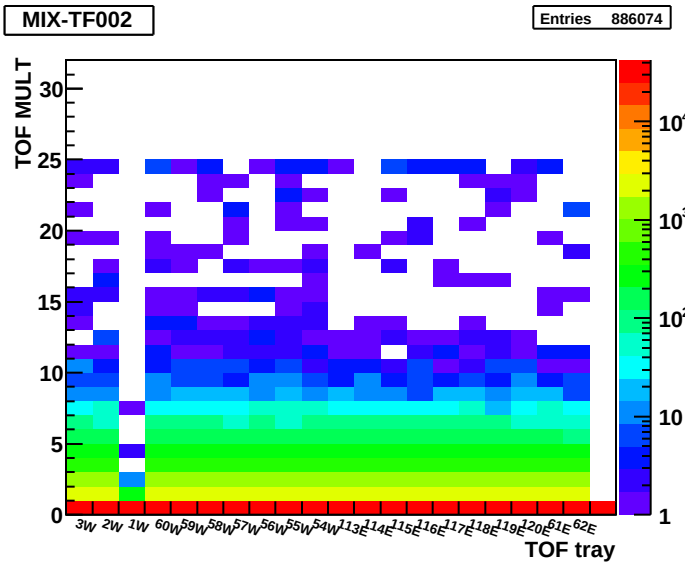

RAT board (ch4)
Entries 337552
rat-0 rat-1 rat-2 rat-3 rat-4 rat-5 rat-6 rat-7 rat-8 rat-9 rat-10 rat-11 rat-12 rat-13 rat-14 rat-15

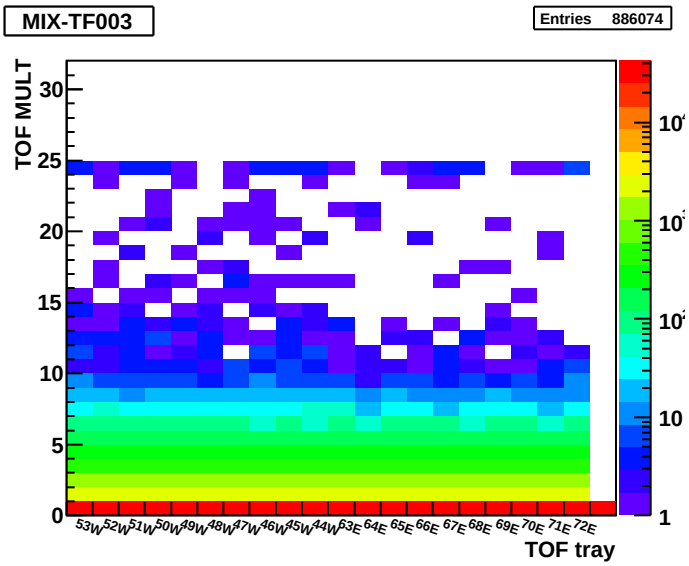

FP201 0-15 (ch5)
Entries 337552
FMSsmallClusTh0 FMSsmallClusTh1 FMSsmallClusTh2 FMSsmallMulClusTh0 FMSsmallMulClusTh1 FMSsmallMulClusTh2 FMSsmallHT FMSlargeClusTh0 FMSlargeClusTh1 FMSlargeClusTh2 FMSlargeMulClusTh0 FMSlargeMulClusTh1 FMSlargeMulClusTh2 FMSlargeHT FPE

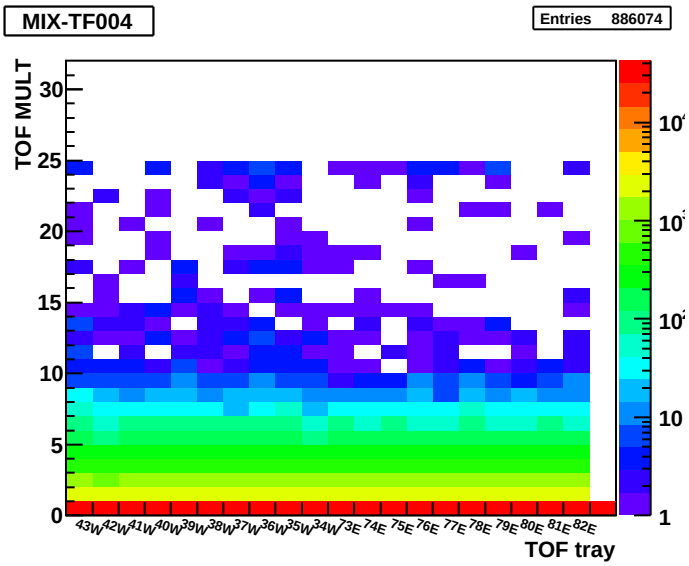

ST201 0-15 (ch6)
Entries 337552
SpcTrgDetBit0 SpcTrgDetBit1 SpcTrgDetBit2 DetCrpBit0 DetCrpBit1 DetCrpBit2 DetCrpBit3 ZeroBias Random

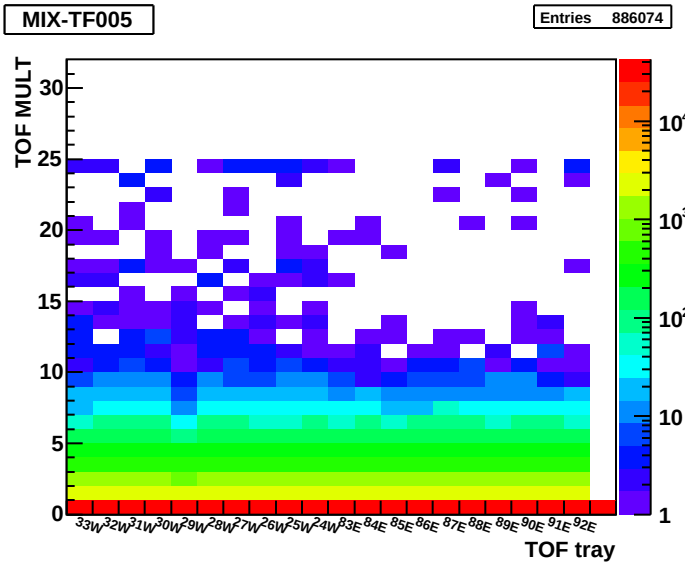

Unused (ch7)
Entries 337552

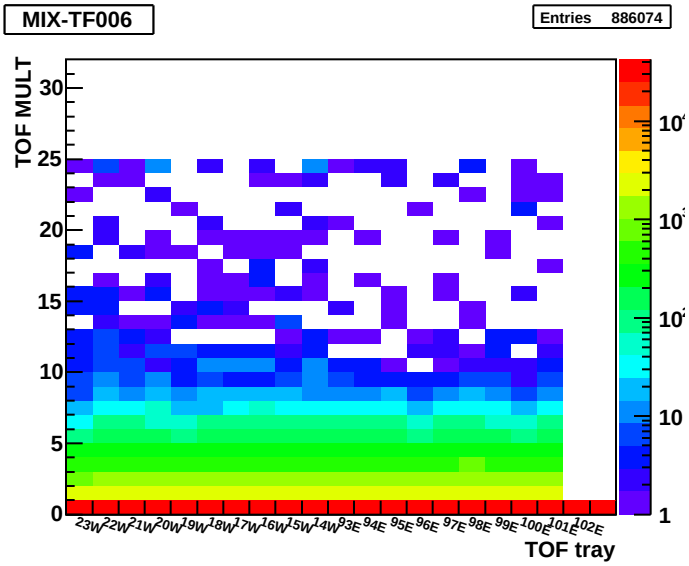

MIX-TF001
Entries 886074
TOF MULT
TOF tray

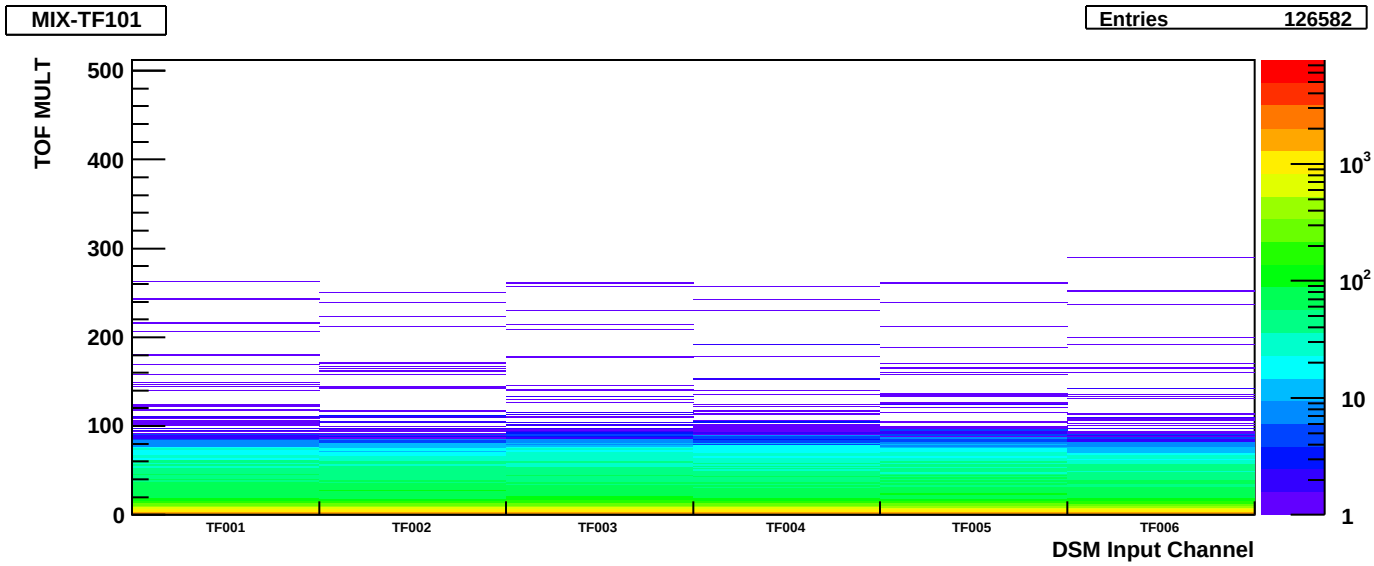

MIX-TF002
Entries 886074
TOF MULT
TOF tray

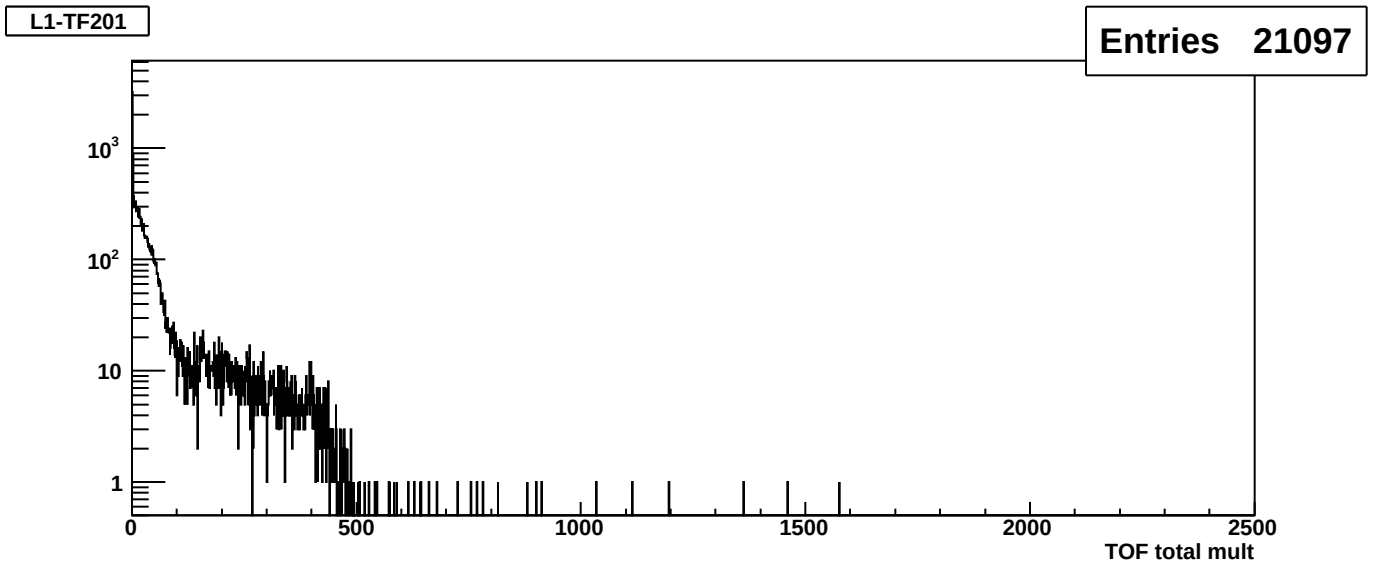

MIX-TF003
Entries 886074
TOF MULT
TOF tray

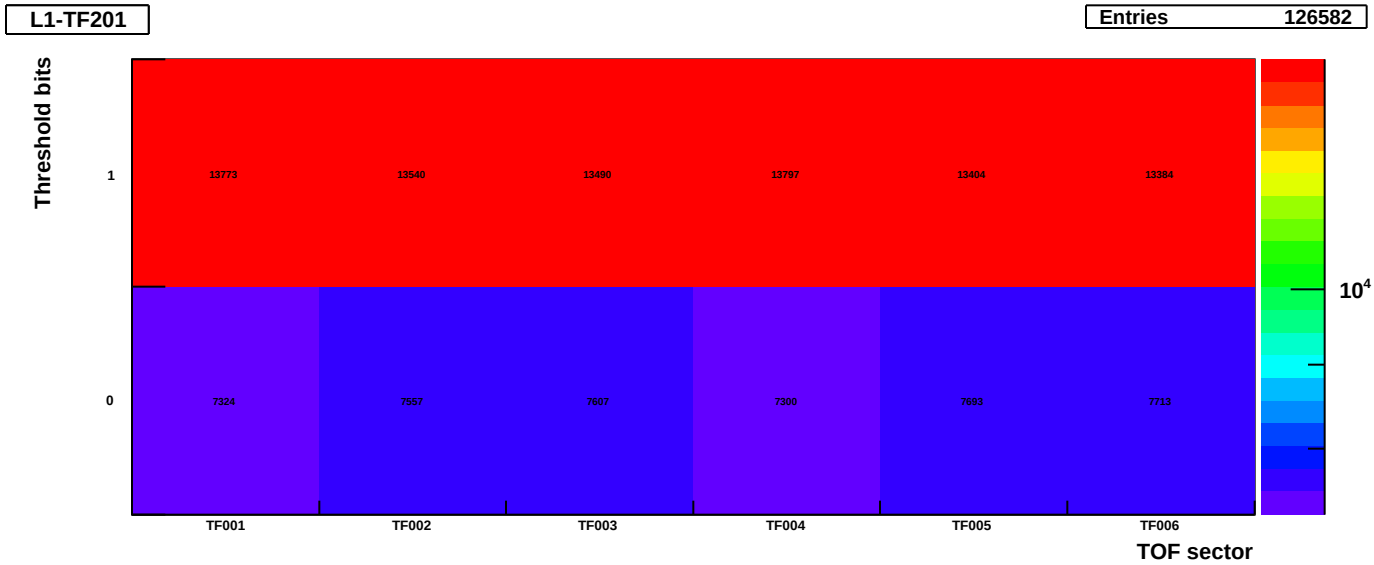

MIX-TF004
Entries 886074
TOF MULT
TOF tray

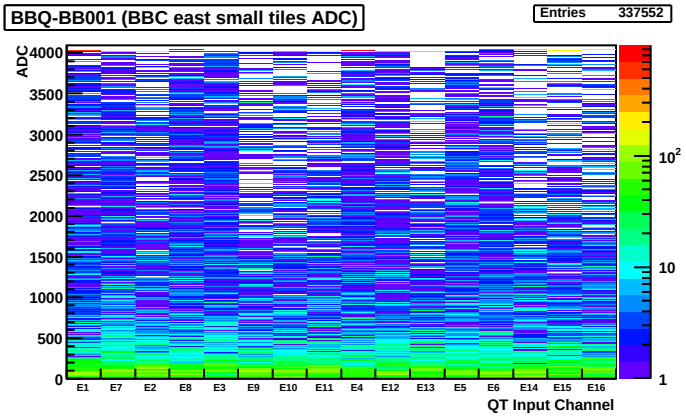

MIX-TF005
Entries 886074
TOF MULT
TOF tray

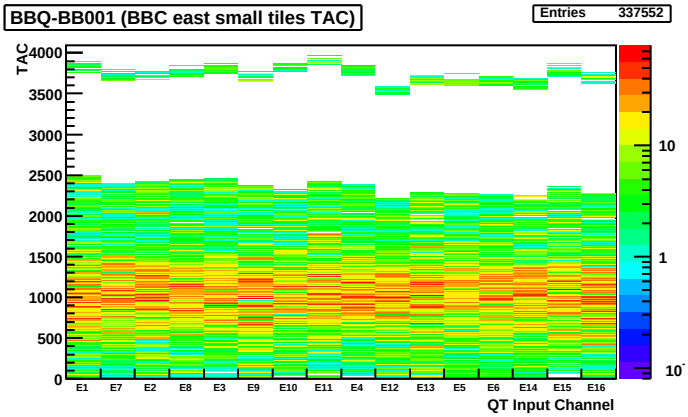

MIX-TF006
Entries 886074
TOF MULT
TOF tray

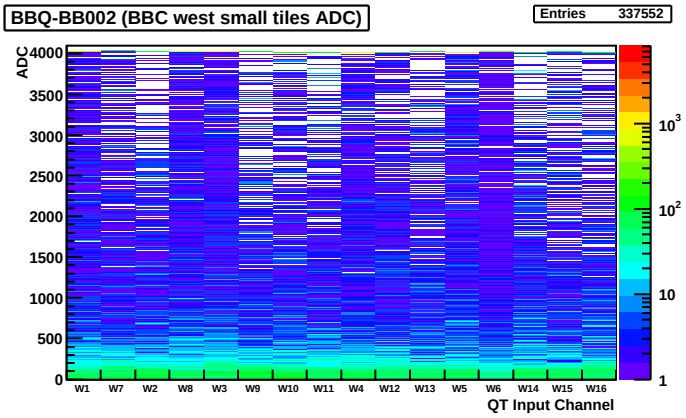

MIX-TF101
Entries 126582
TOF MULT
500
400
300
200
100
0
TF001
TF002
TF003
TF004
TF005
TF006
DSM Input Channel
10^3
10^2
10
1

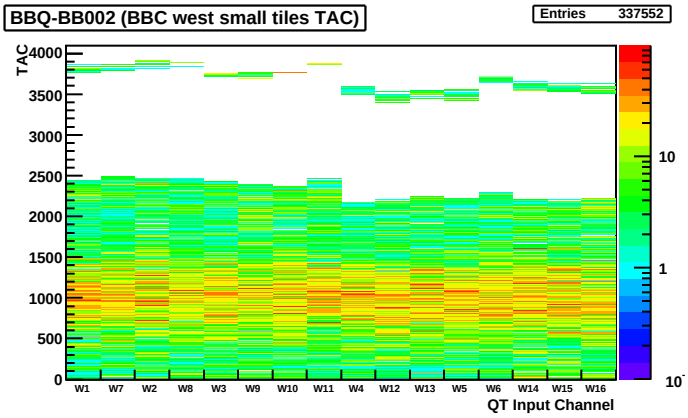

L1-TF201
Entries 21097
10^3
10^2
10
1
0
500
1000
1500
2000
2500
TOF total mult

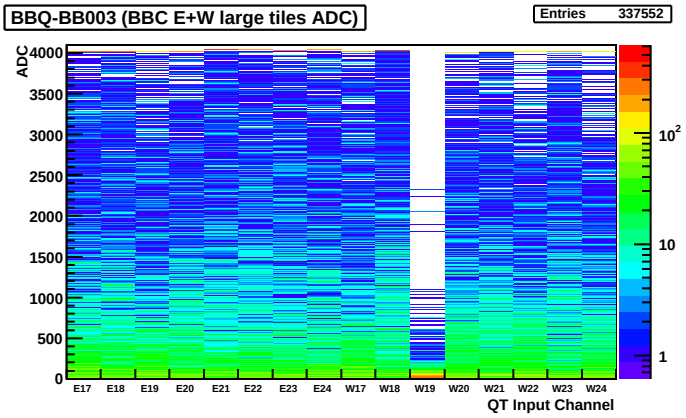

L1-TF201
Entries 126582
Threshold bits
1
0
13773
13540
13490
13797
13404
13384
7324
7557
7607
7300
7693
7713
TF001
TF002
TF003
TF004
TF005
TF006
TOF sector
10^4

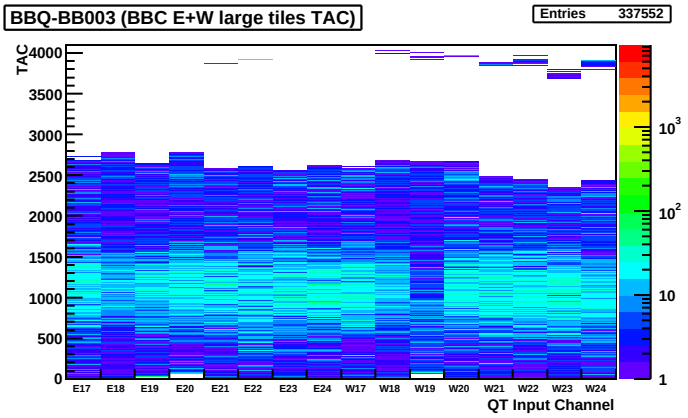

BBQ-BB001 (BBC east small tiles ADC)
Entries 337552
ADC
QT Input Channel

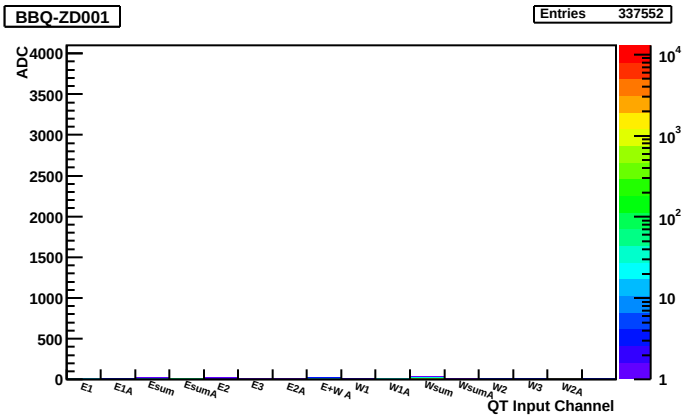

BBQ-BB001 (BBC east small tiles TAC)
Entries 337552
TAC
QT Input Channel

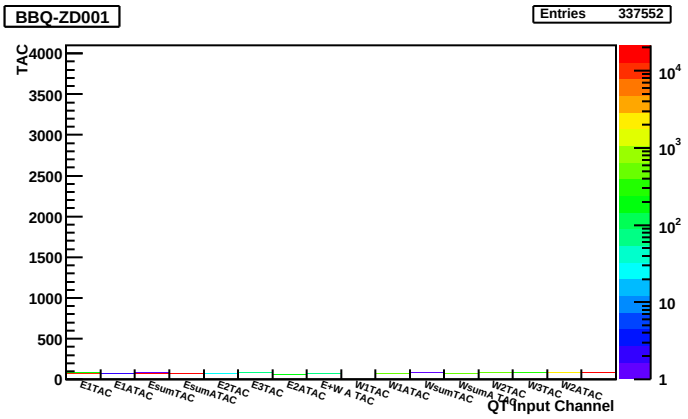

BBQ-BB002 (BBC west small tiles ADC)
Entries 337552
ADC
QT Input Channel

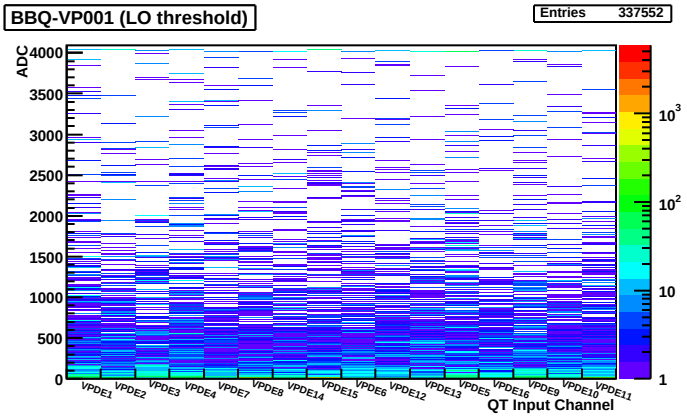

BBQ-BB002 (BBC west small tiles TAC)
Entries 337552
TAC
QT Input Channel

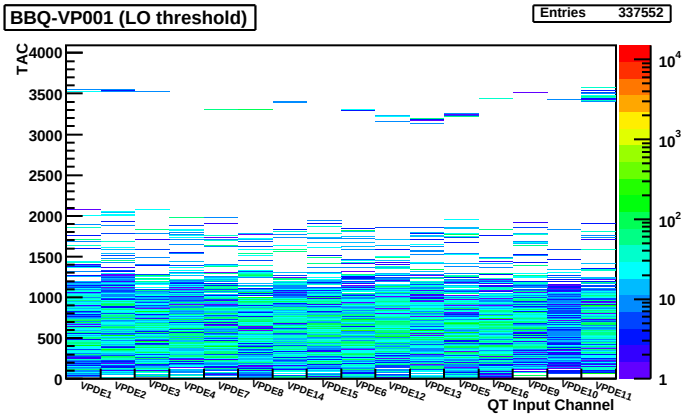

BBQ-BB003 (BBC E+W large tiles ADC)
Entries 337552
ADC
QT Input Channel

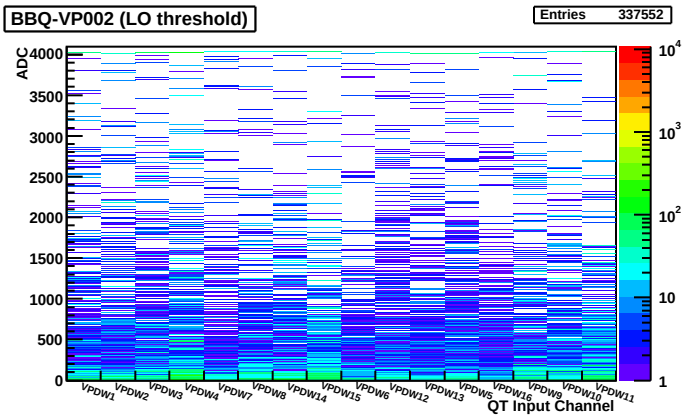

BBQ-BB003 (BBC E+W large tiles TAC)
Entries 337552
TAC
QT Input Channel

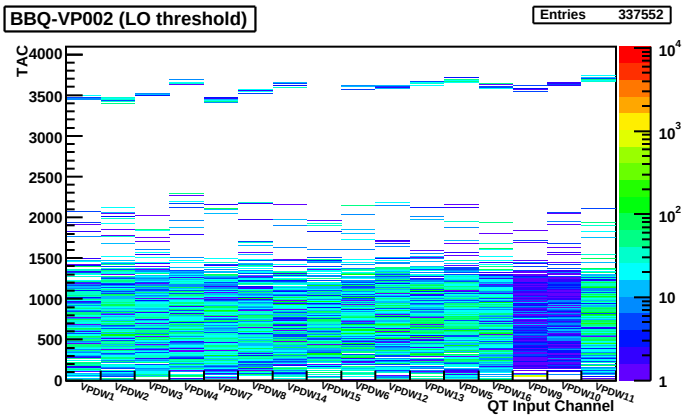

BBQ-ZD001
Entries 337552
ADC
QT Input Channel

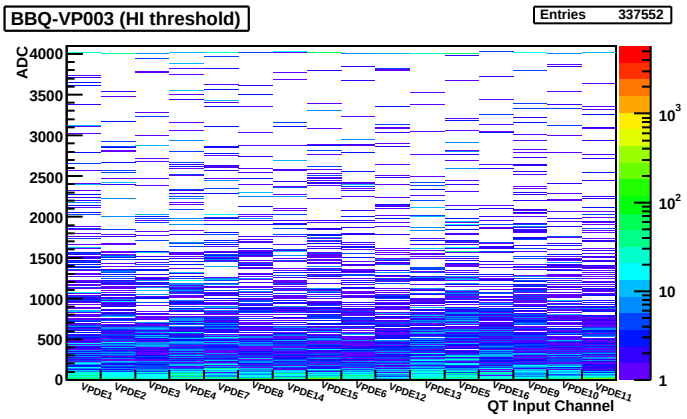

BBQ-ZD001
Entries 337552
TAC
QT Input Channel

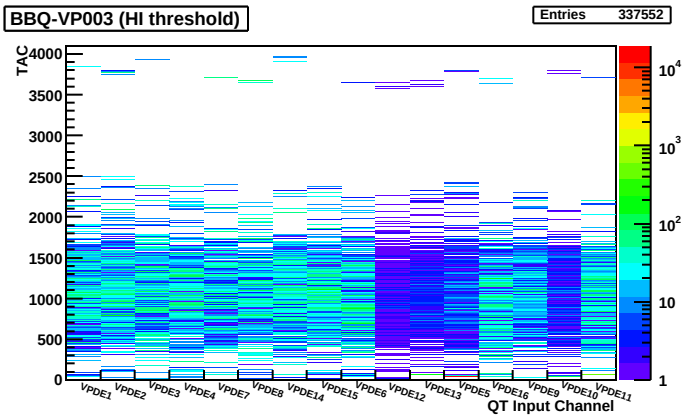

BBQ-VP001 (LO threshold)
Entries 337552
ADC
QT Input Channel

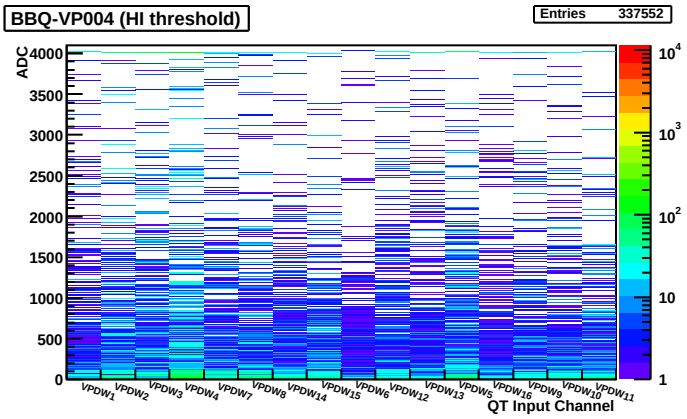

BBQ-VP001 (LO threshold)
Entries 337552
TAC
QT Input Channel

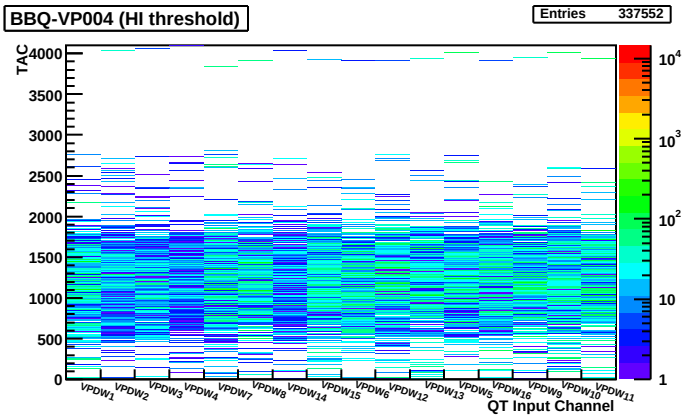

BBQ-VP002 (LO threshold)
Entries 337552
ADC
QT Input Channel

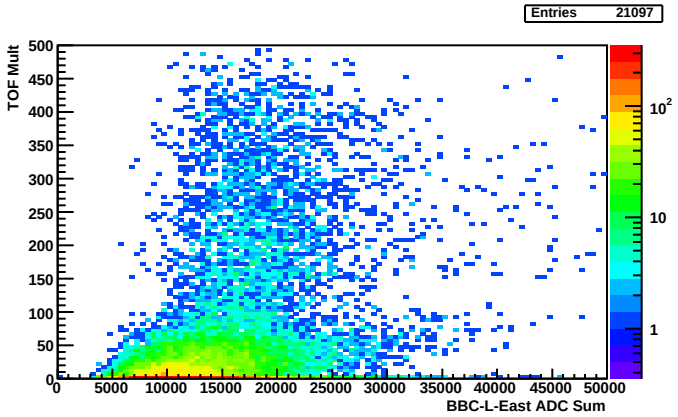

BBQ-VP002 (LO threshold)
Entries 337552
TAC
QT Input Channel

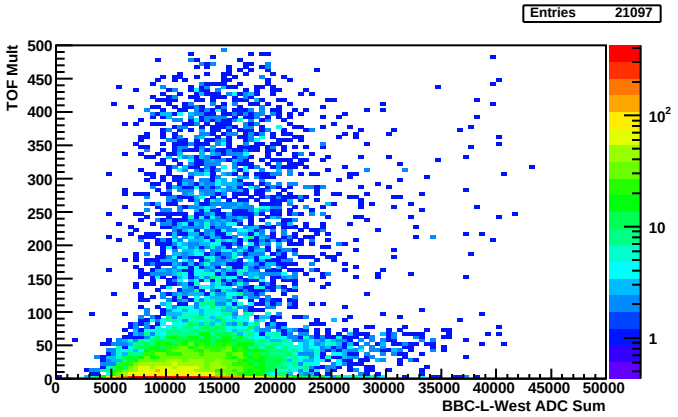

BBQ-VP003 (HI threshold)
Entries 337552
ADC
QT Input Channel

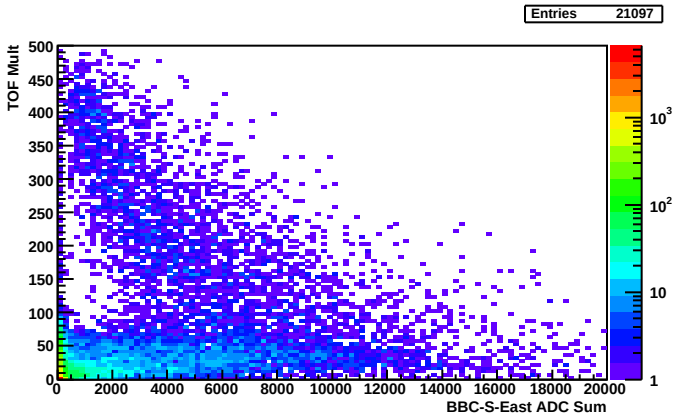

BBQ-VP003 (HI threshold)
Entries 337552
TAC
QT Input Channel

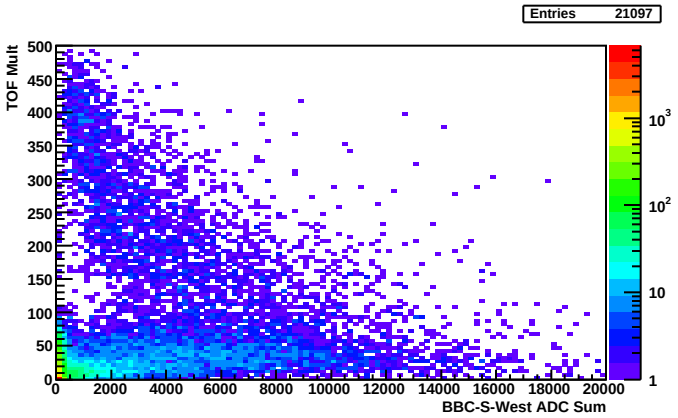

BBQ-VP004 (HI threshold)
Entries 337552
ADC
QT Input Channel

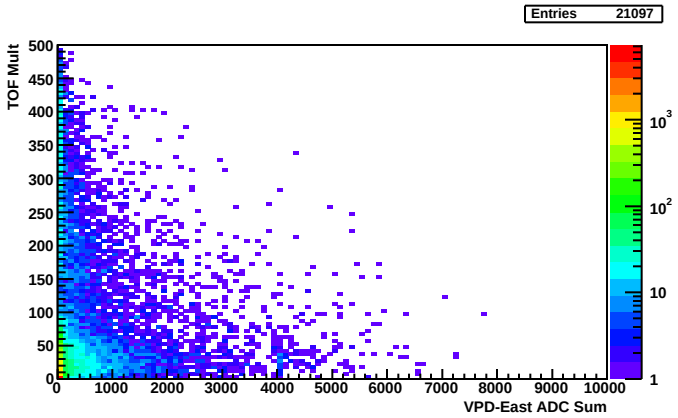

BBQ-VP004 (HI threshold)
Entries 337552
TAC
QT Input Channel

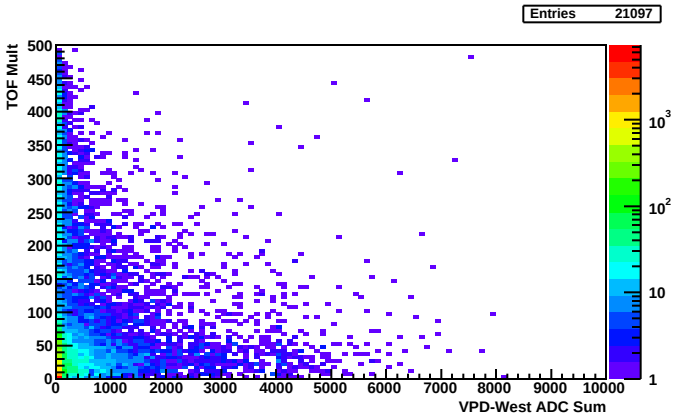

Entries 21097
TOF Mult
BBC-L-East ADC Sum

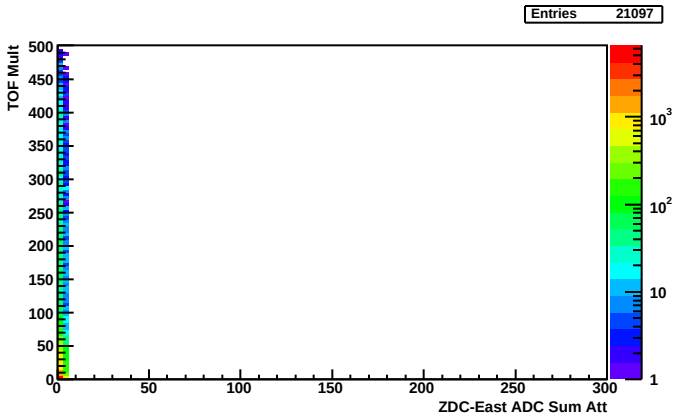

Entries 21097
TOF Mult
BBC-L-West ADC Sum

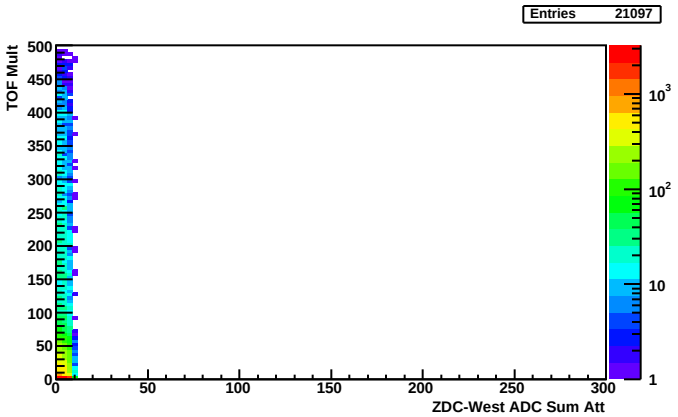

Entries 21097
TOF Mult
BBC-S-East ADC Sum

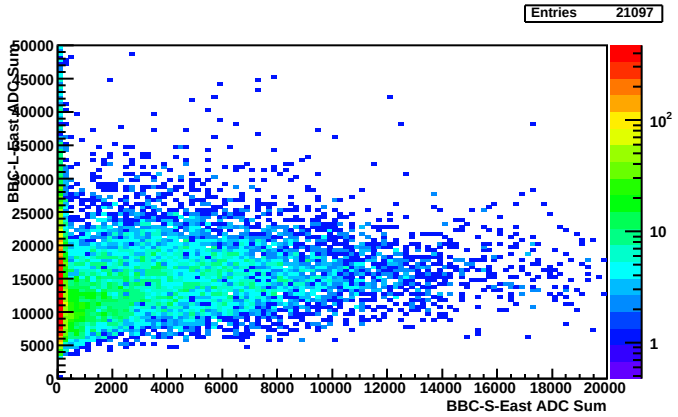

Entries 21097
TOF Mult
BBC-S-West ADC Sum

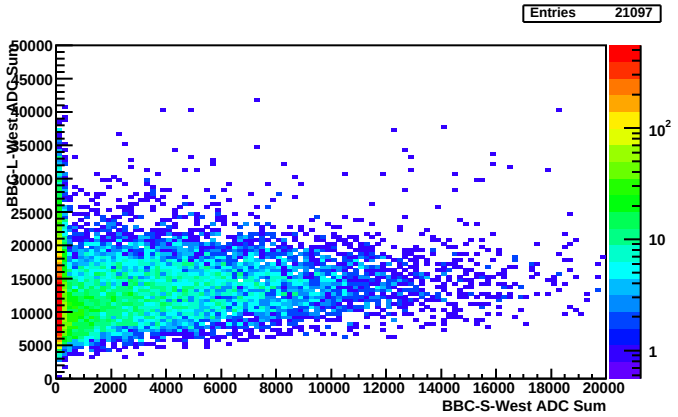

Entries 21097
TOF Mult
VPD-East ADC Sum

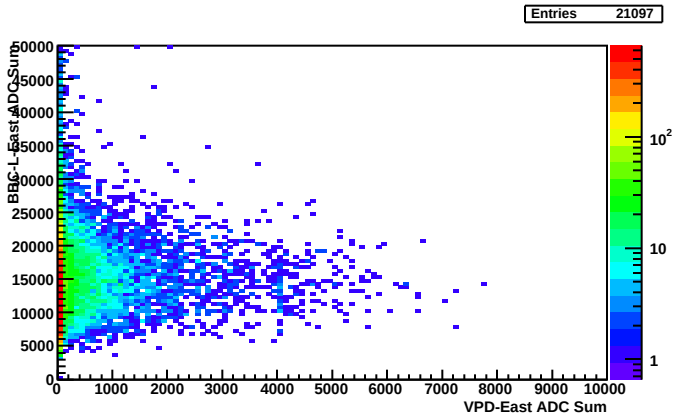

Entries 21097
TOF Mult
VPD-West ADC Sum

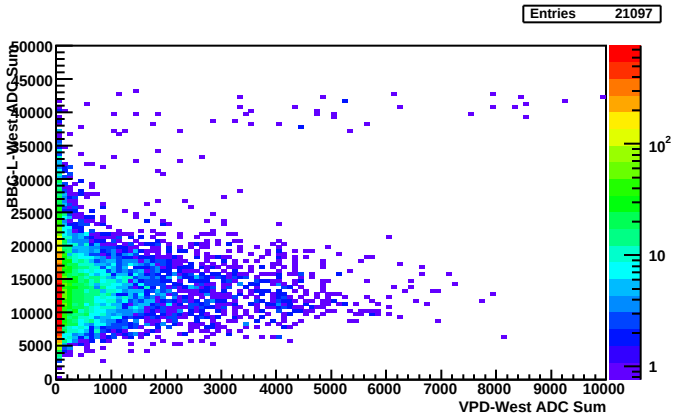

Entries 21097
TOF Mult
ZDC-East ADC Sum Att

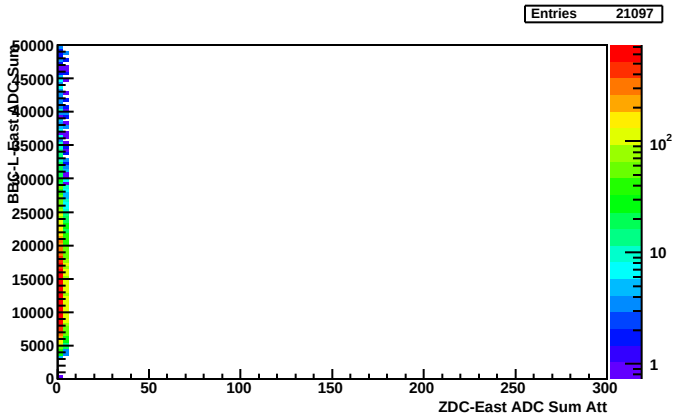

Entries 21097
TOF Mult
ZDC-West ADC Sum Att

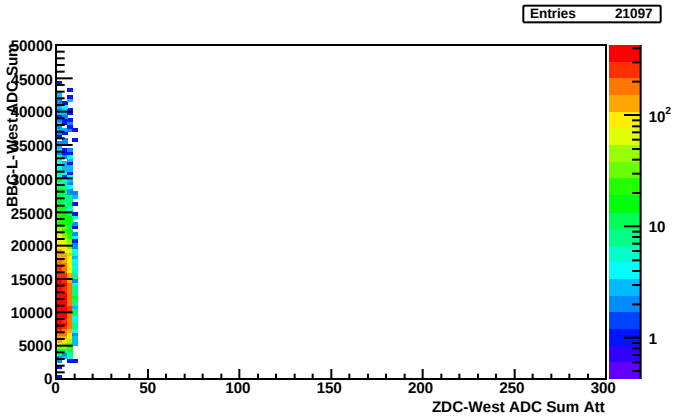

Entries 21097
BBC-L-East ADC Sum
BBC-S-East ADC Sum

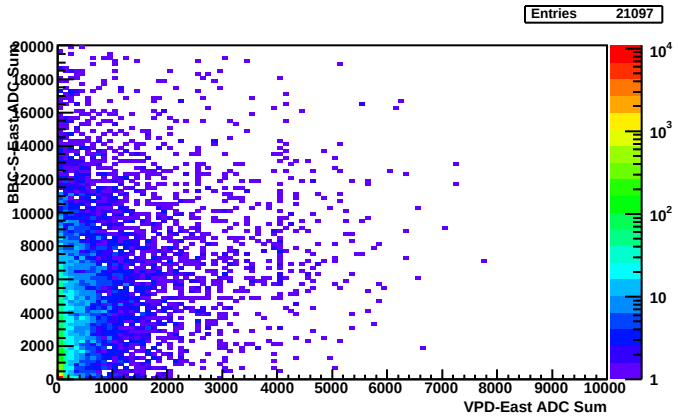

Entries 21097
BBC-L-West ADC Sum
BBC-S-West ADC Sum

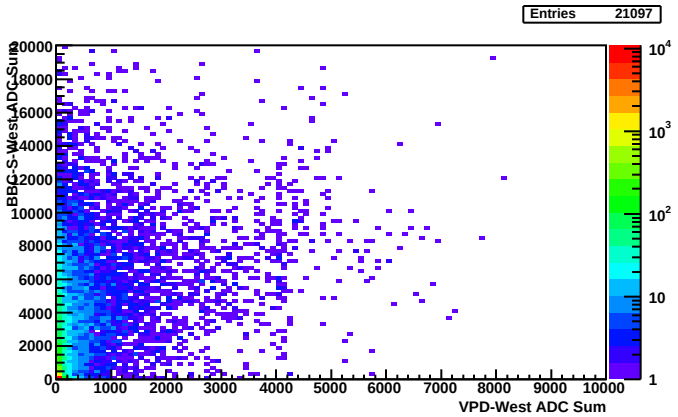

Entries 21097
BBC-L-East ADC Sum
VPD-East ADC Sum

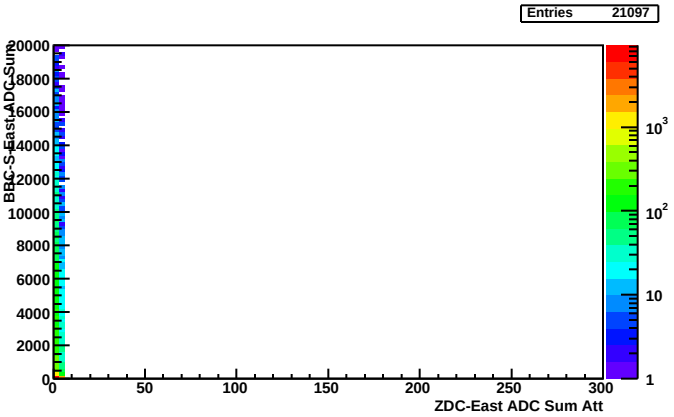

Entries 21097
BBC-L-West ADC Sum
VPD-West ADC Sum

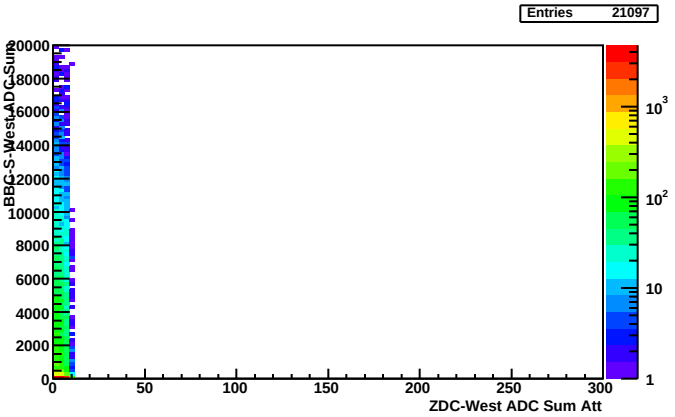

Entries 21097
BBC-L-East ADC Sum
ZDC-East ADC Sum Att

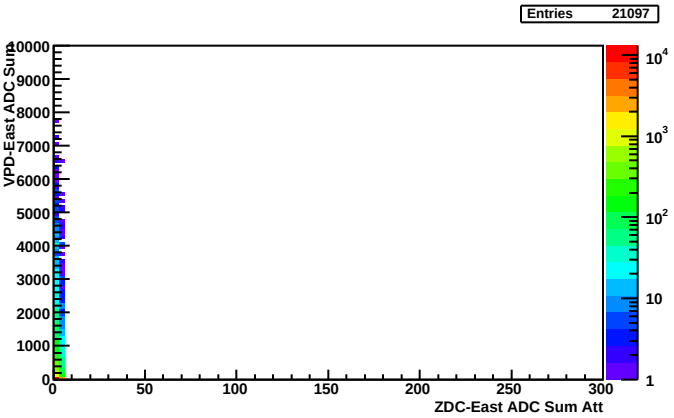

Entries 21097
BBC-L-West ADC Sum
ZDC-West ADC Sum Att

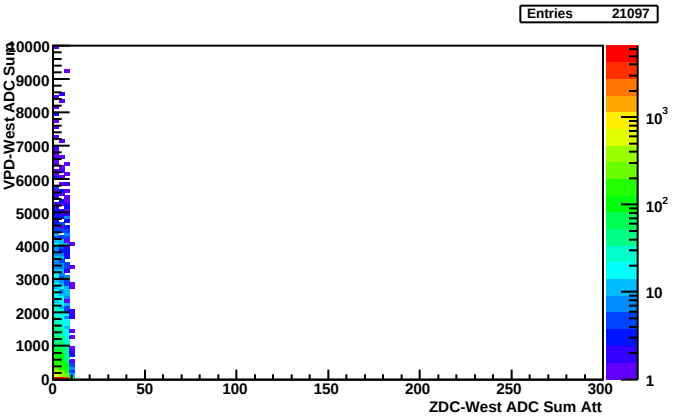

Entries 21097
BBC-S-East ADC Sum
VPD-East ADC Sum

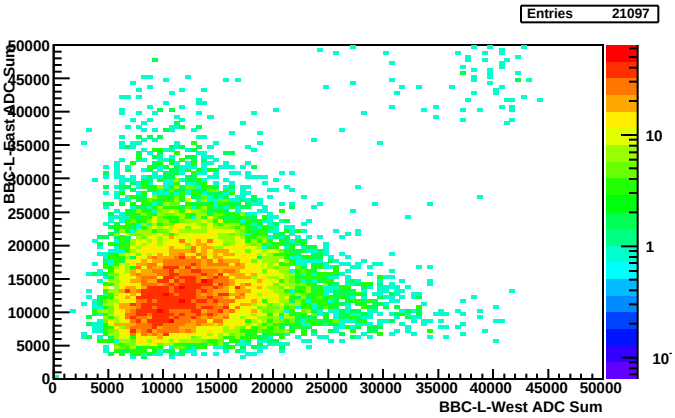

Entries 21097
BBC-S-West ADC Sum
VPD-West ADC Sum

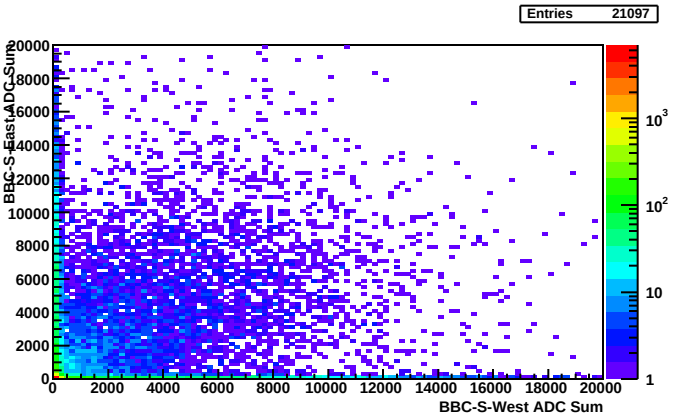

Entries 21097
BBC-S-East ADC Sum
ZDC-East ADC Sum Att

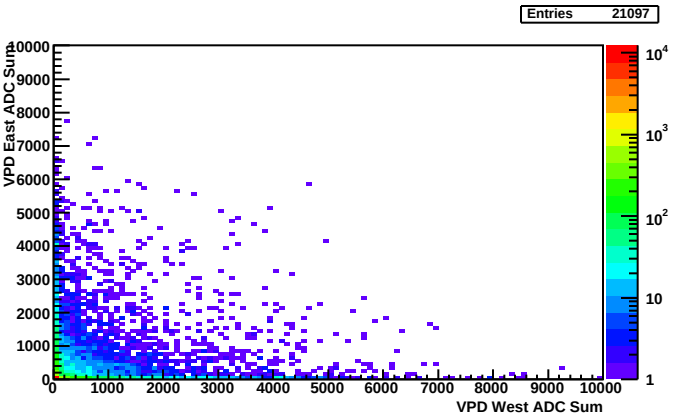

Entries 21097
BBC-S-West ADC Sum
ZDC-West ADC Sum Att

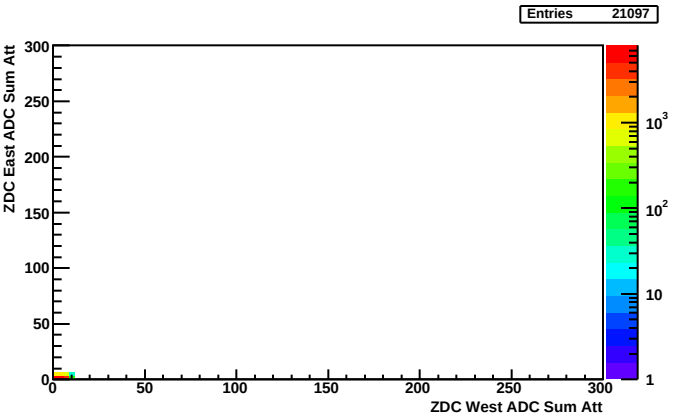

Entries 21097
VPD-East ADC Sum
ZDC-East ADC Sum Att

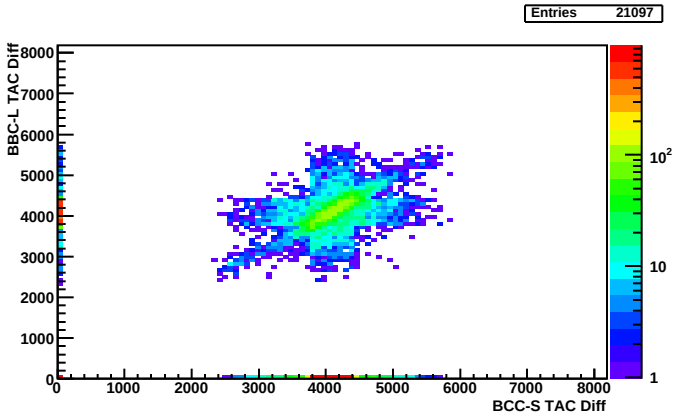

Entries 21097
VPD-West ADC Sum
ZDC-West ADC Sum Att

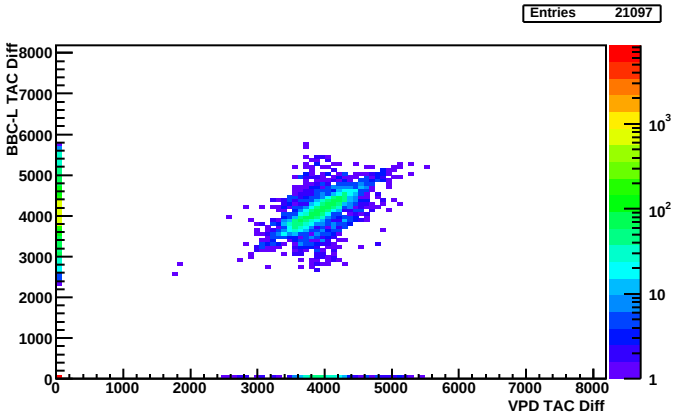

Entries 21097
BBC-L-East ADC Sum
BBC-L-West ADC Sum

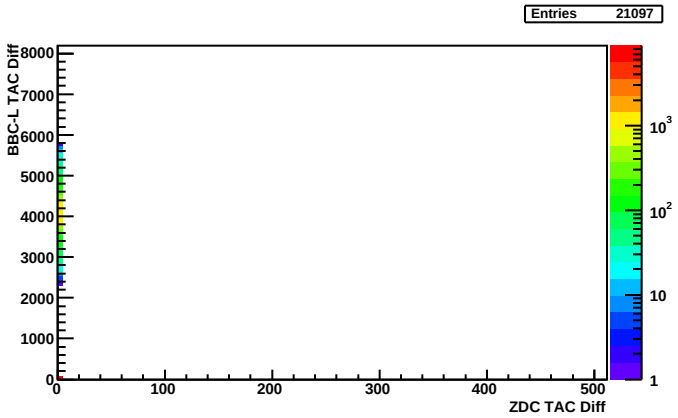

Entries 21097
BBC-S-East ADC Sum
BBC-S-West ADC Sum

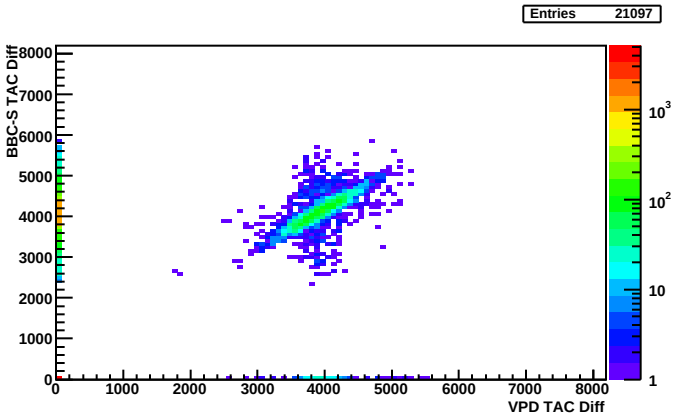

Entries 21097
VPD East ADC Sum
VPD West ADC Sum

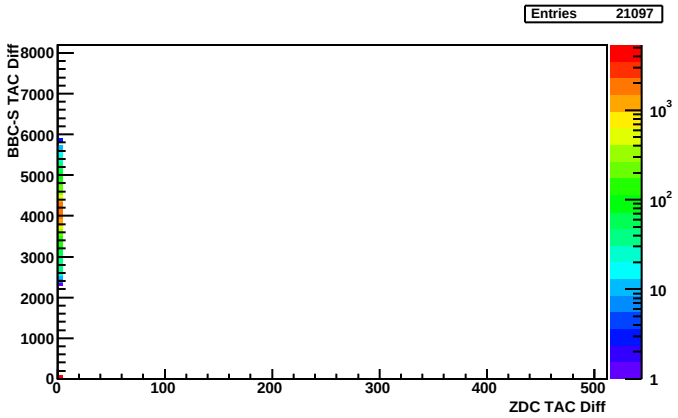

Entries 21097
ZDC East ADC Sum Att
ZDC West ADC Sum Att


Entries 21097
BBC-L TAC Diff
BCC-S TAC Diff


Entries 21097
BBC-L TAC Diff
VPD TAC Diff


Entries 21097
BBC-L TAC Diff
ZDC TAC Diff


Entries 21097
BBC-S TAC Diff
VPD TAC Diff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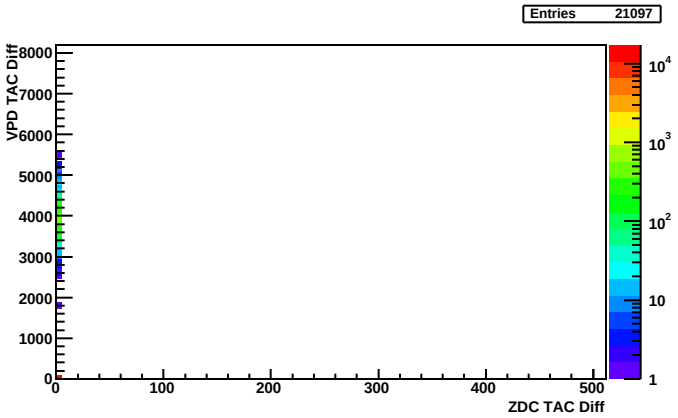
BBC-S TAC Diff
ZDC TAC Diff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VPD TAC Diff
ZDC TAC Diff