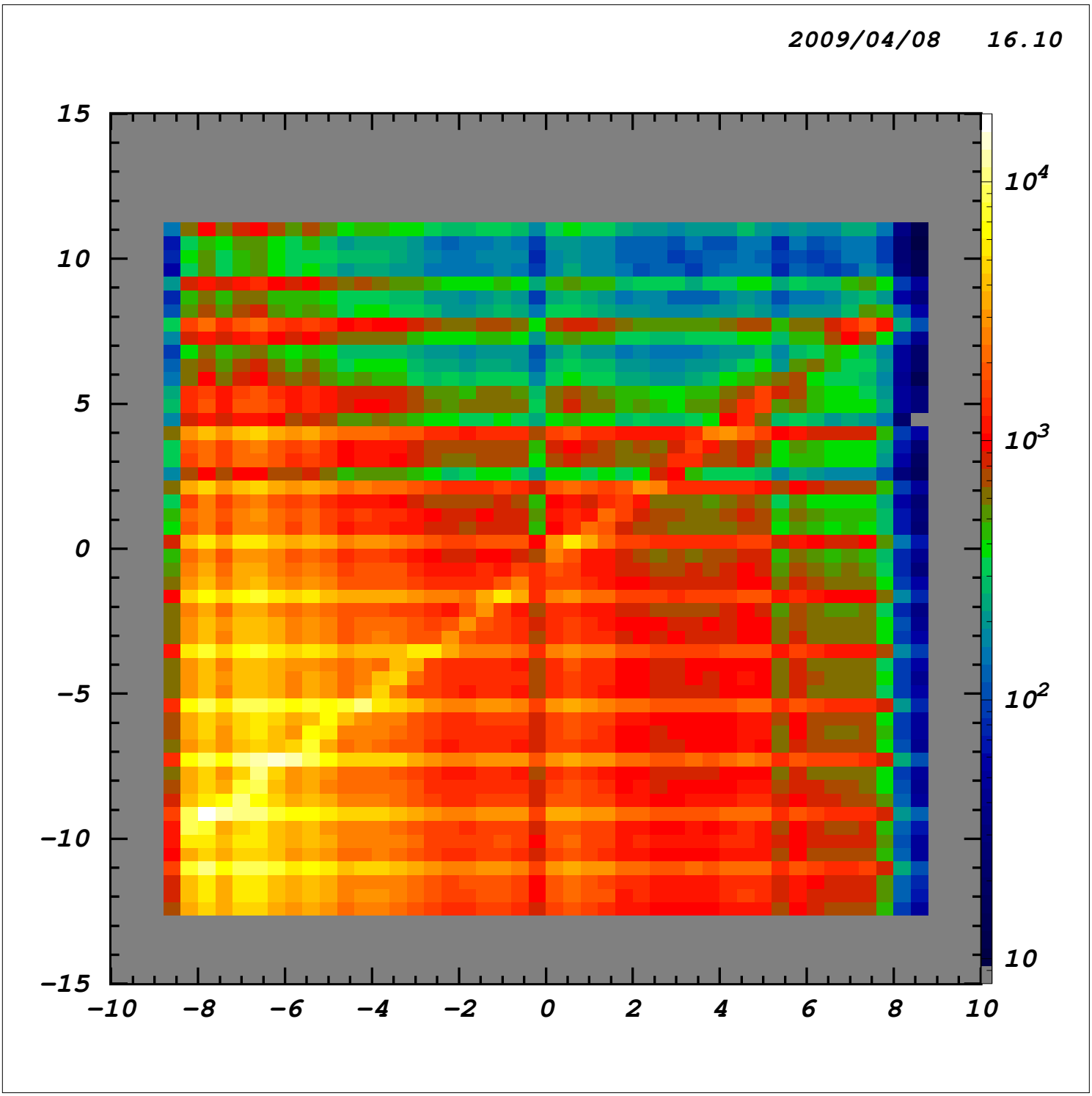
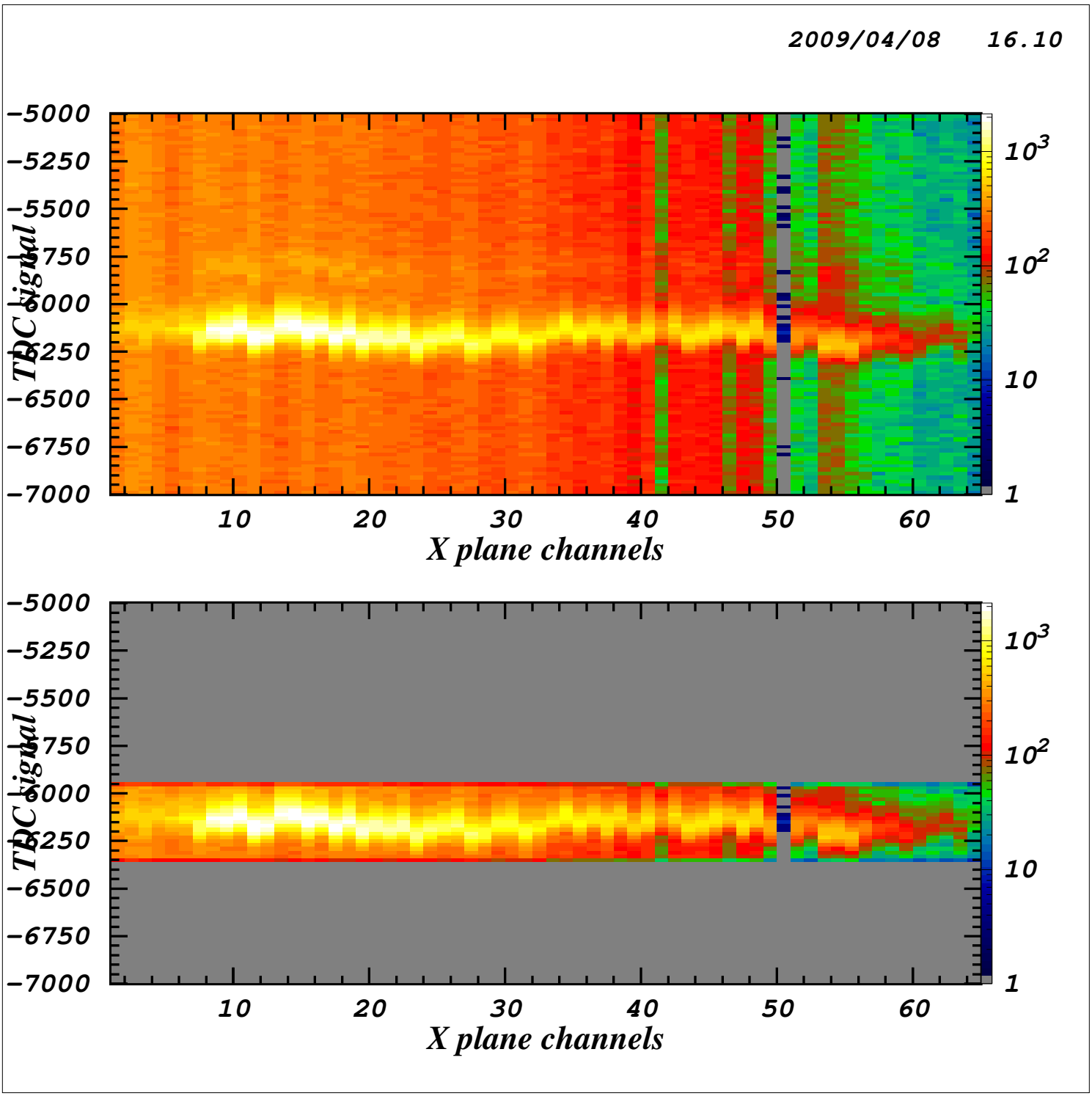
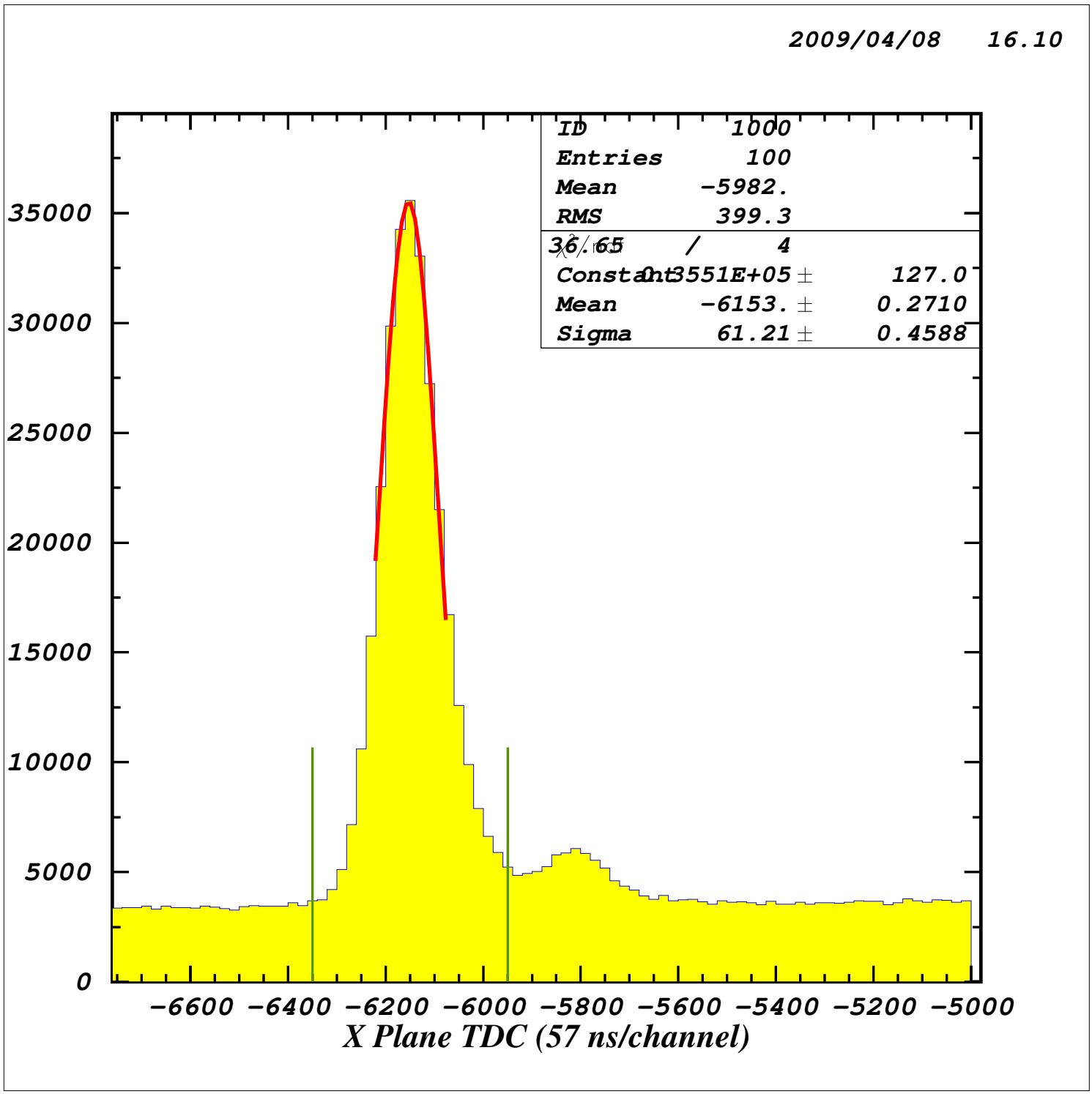
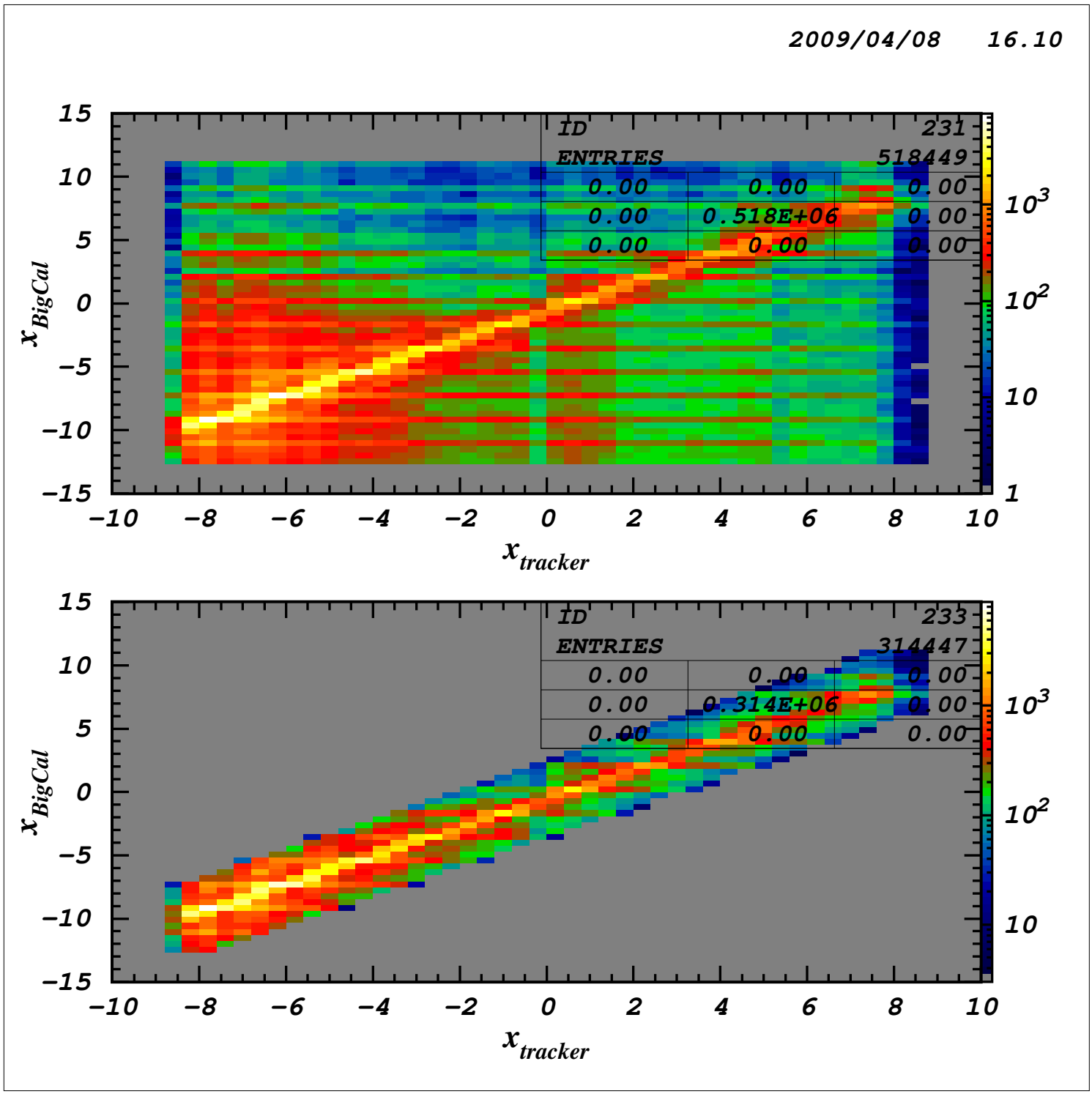
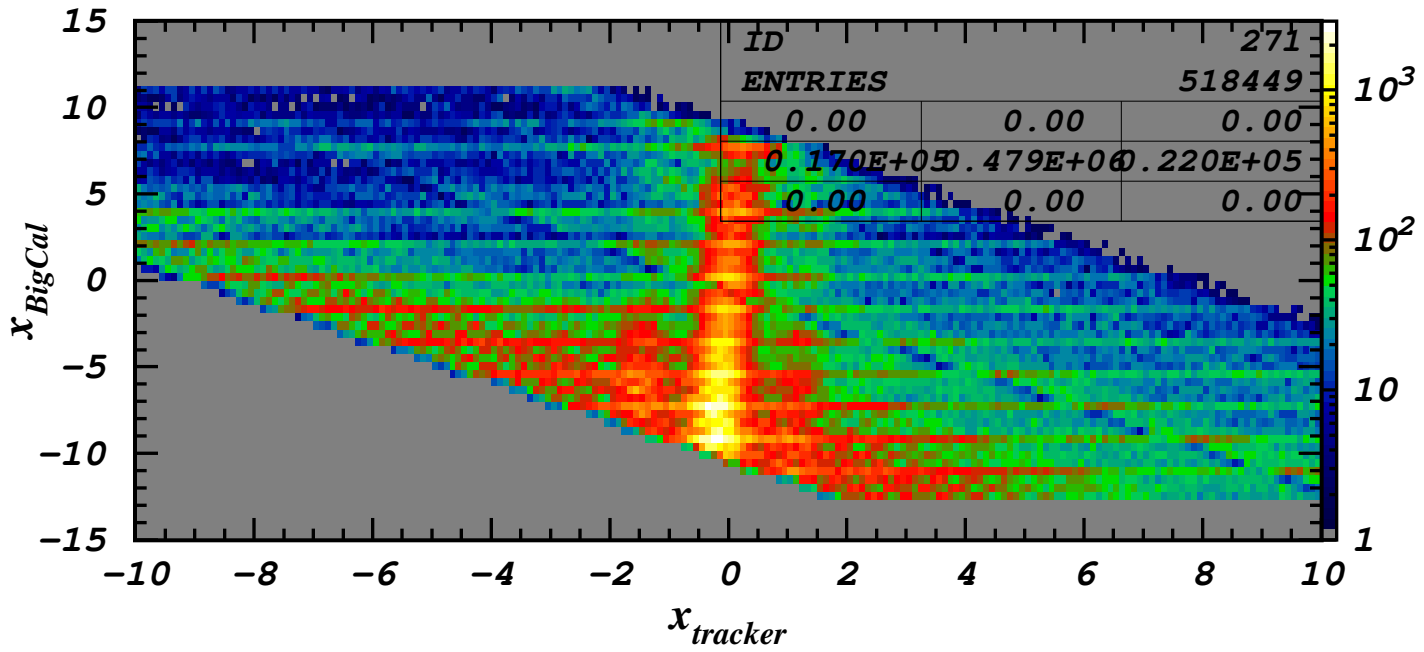

2009/04/08 16.10
15
10
5
0
−5
−10
−15
−10 −8 −6 −4 −2 0 2 4 6 8 10
10^4
10^3
10^2
10

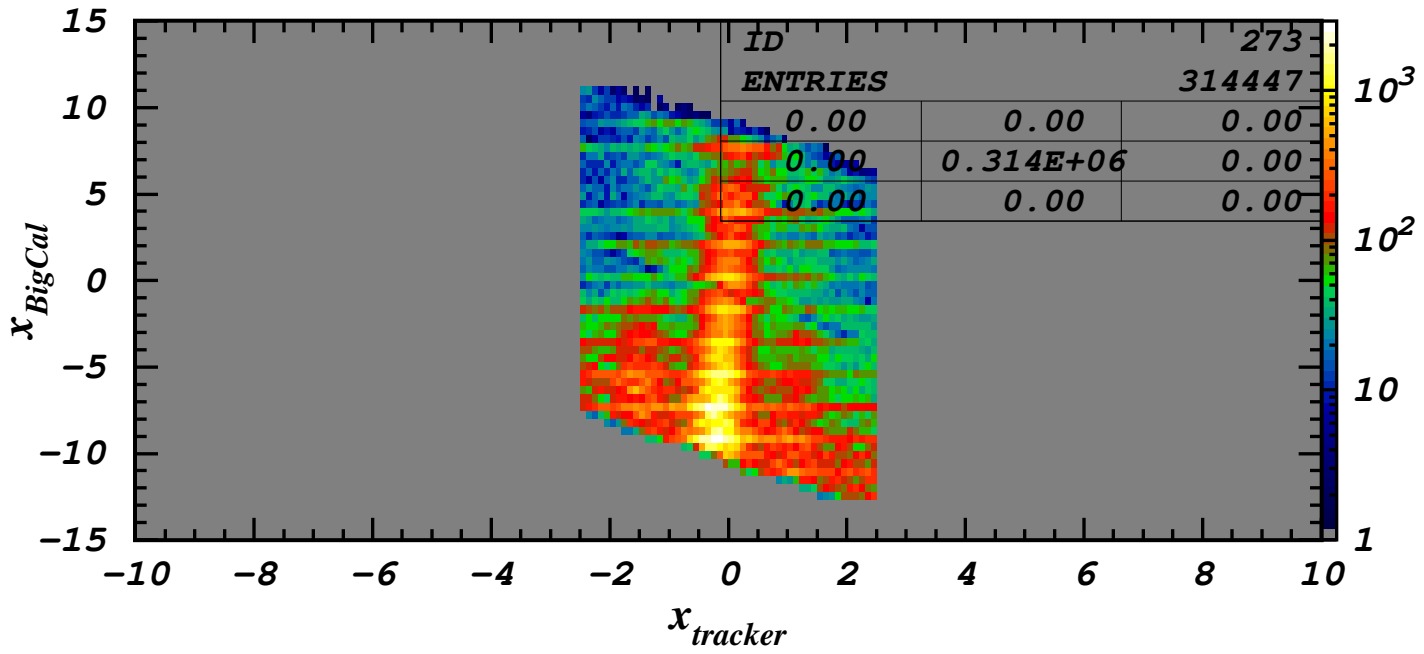

2009/04/08 16.10
TDC signal
X plane channels
-5000
-5250
-5500
-5750
-6000
-6250
-6500
-6750
-7000
10
20
30
40
50
60
10^3
10^2
10
1

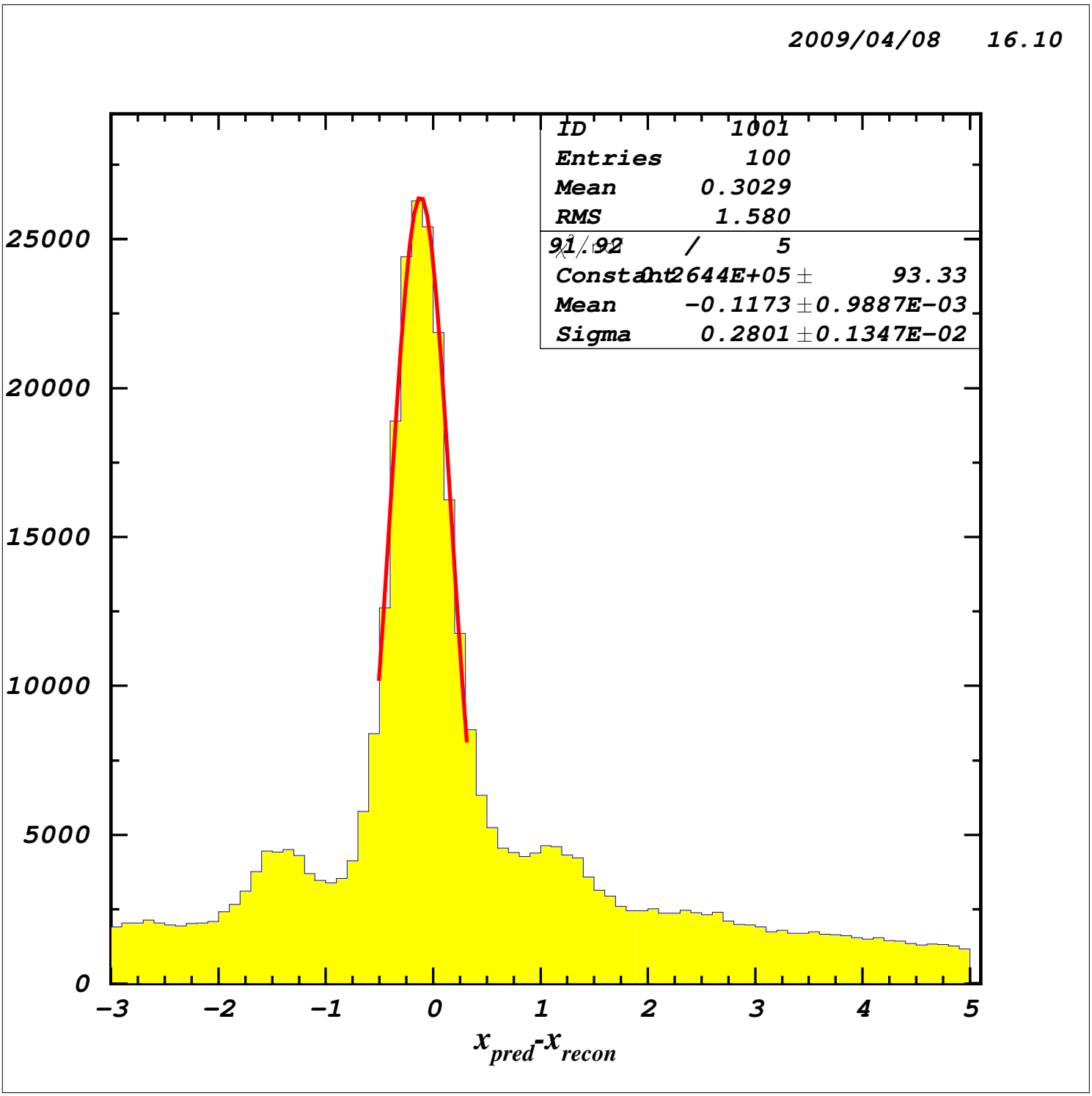

2009/04/08 16.10
ID 1000
Entries 100
Mean -5982.
RMS 399.3
χ²/ndf 36.65 / 4
Constant 3551E+05 ± 127.0
Mean -6153. ± 0.2710
Sigma 61.21 ± 0.4588
35000
30000
25000
20000
15000
10000
5000
0
-6600 -6400 -6200 -6000 -5800 -5600 -5400 -5200 -5000
X Plane TDC (57 ns/channel)

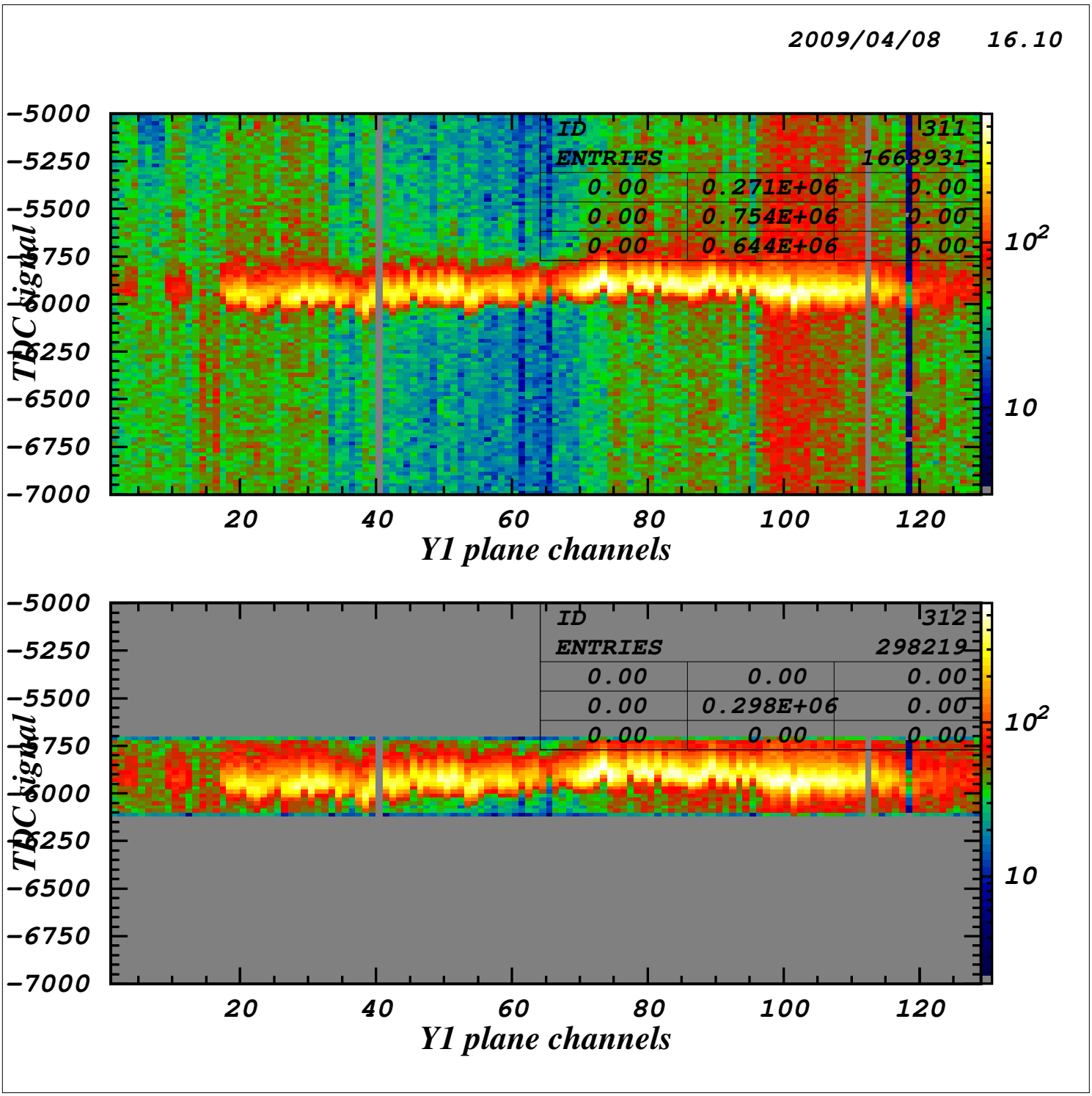

2009/04/08 16.10
ID 231
ENTRIES 518449
0.00 0.00 0.00
0.00 0.518E+06 0.00
0.00 0.00 0.00
x_{BigCal}
$x_{tracker}$
ID 233
ENTRIES 314447
0.00 0.00 0.00
0.00 0.314E+06 0.00
0.00 0.00 0.00
x_{BigCal}
$x_{tracker}$

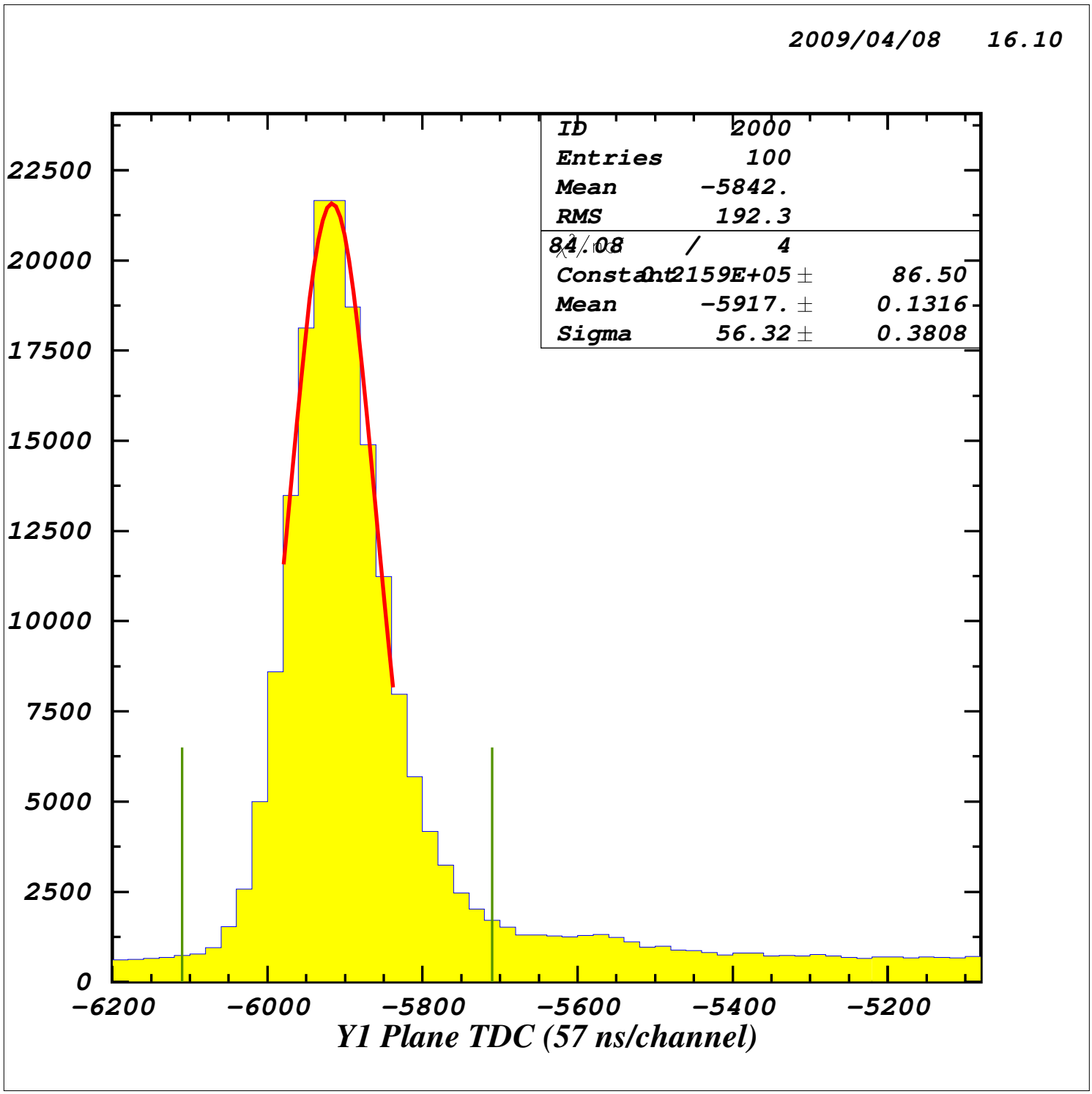
2009/04/08 16.10

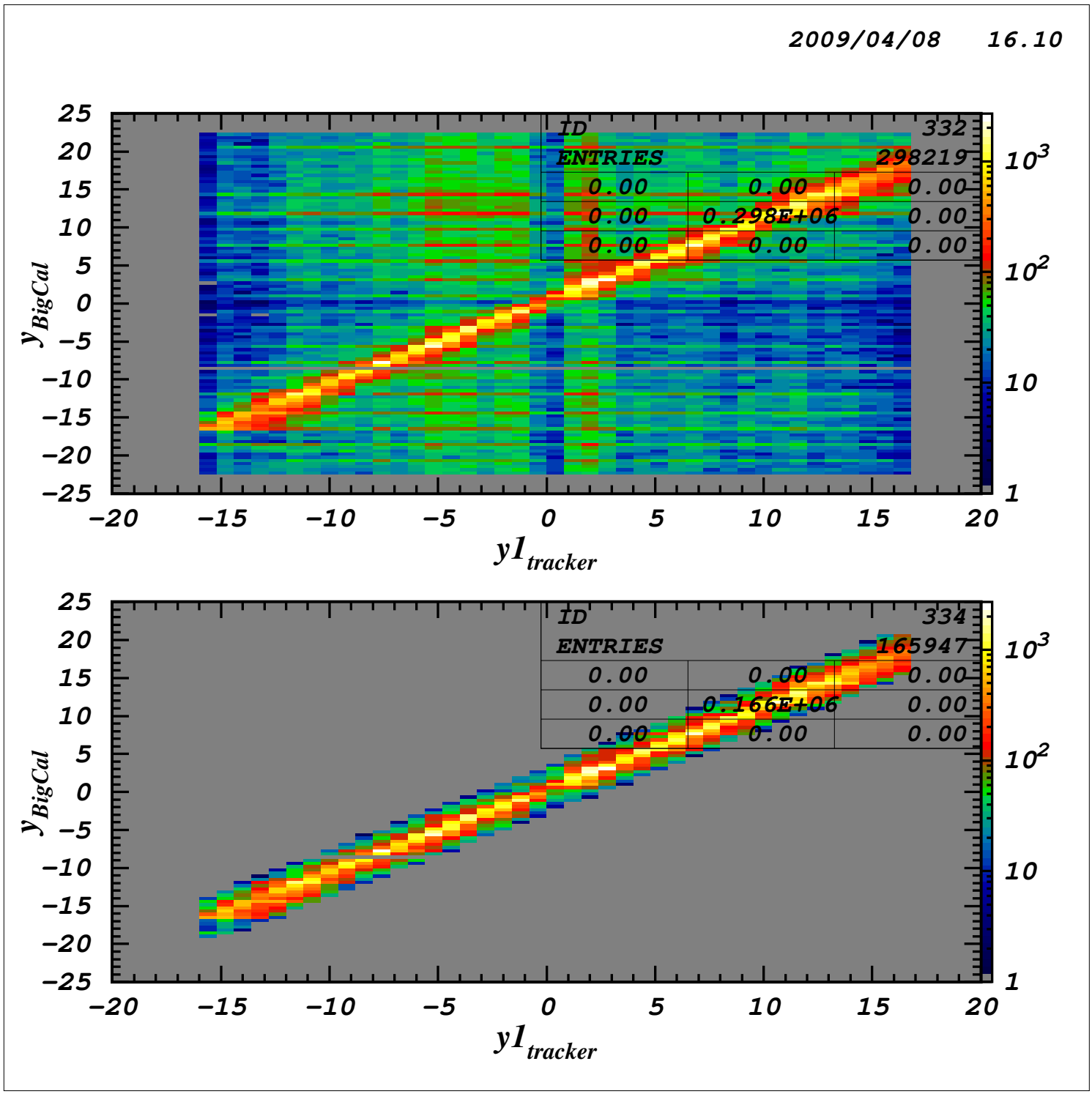




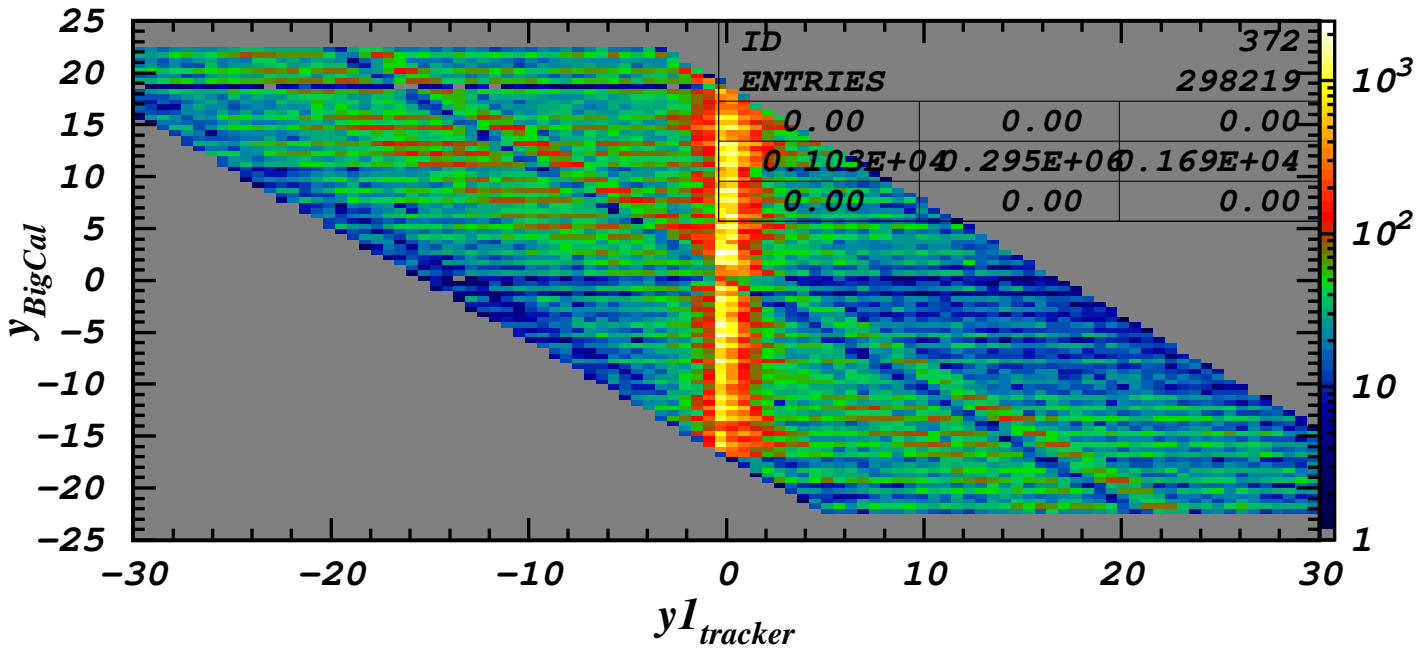

2009/04/08 16.10
ID 1001
Entries 100
Mean 0.3029
RMS 1.580
χ²/ndf 91.92 / 5
Constant 0.2644E+05 ± 93.33
Mean -0.1173 ± 0.9887E-03
Sigma 0.2801 ± 0.1347E-02
25000
20000
15000
10000
5000
0
-3
-2
-1
0
1
2
3
4
5
x_pred-x_recon

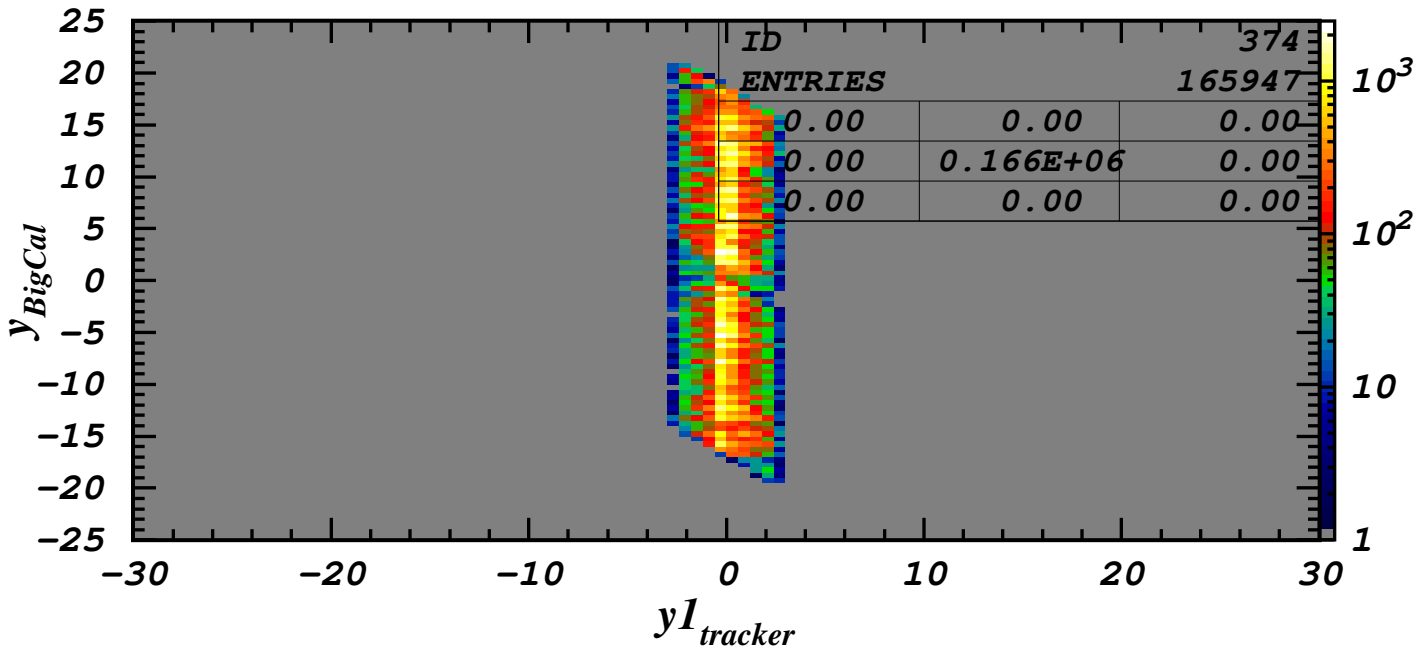

2009/04/08 16.10
ID 311
ENTRIES 1668931
0.00 0.271E+06 0.00
0.00 0.754E+06 0.00
0.00 0.644E+06 0.00
TDC signal
Y1 plane channels
ID 312
ENTRIES 298219
0.00 0.00 0.00
0.00 0.298E+06 0.00
0.00 0.00 0.00
TDC signal
Y1 plane channels

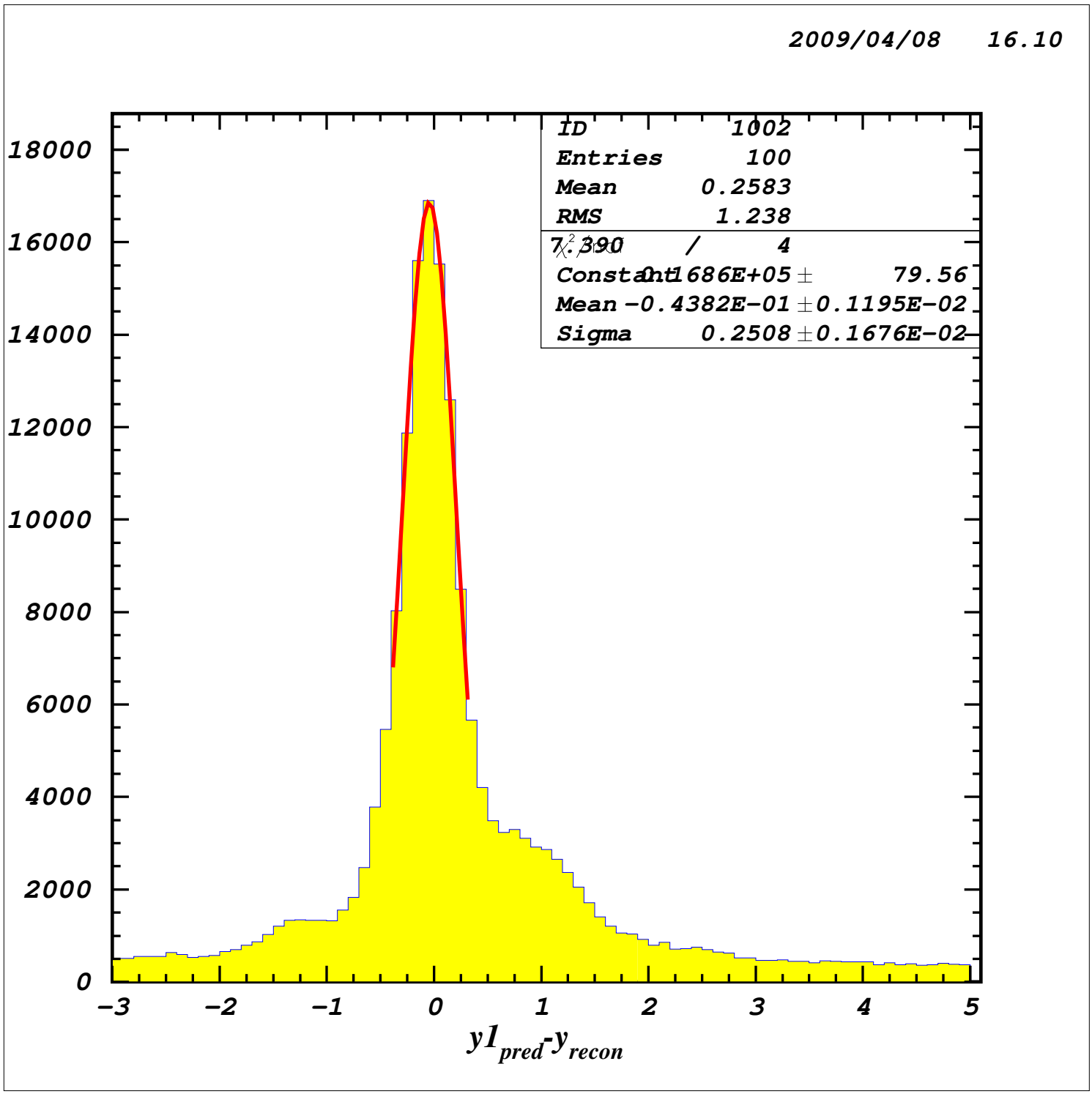

2009/04/08 16.10
ID 2000
Entries 100
Mean -5842.
RMS 192.3
χ²/ndf 84.08 / 4
Constant 2159E+05 ± 86.50
Mean -5917. ± 0.1316
Sigma 56.32 ± 0.3808
22500
20000
17500
15000
12500
10000
7500
5000
2500
0
-6200
-6000
-5800
-5600
-5400
-5200
Y1 Plane TDC (57 ns/channel)

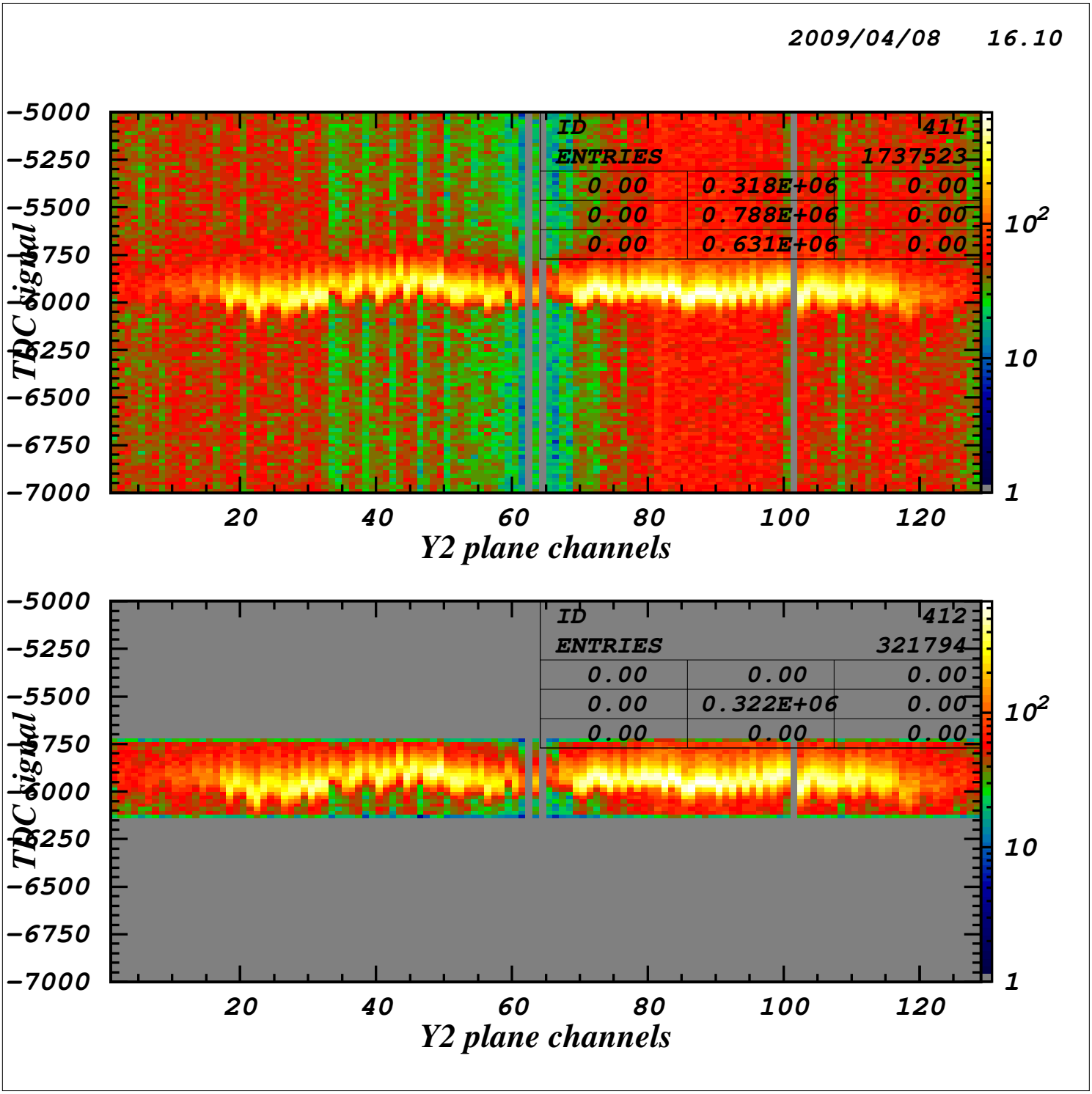

2009/04/08 16.10
ID 332
ENTRIES 298219
0.00 0.00 0.00
0.00 0.298E+06 0.00
0.00 0.00 0.00
y_{BigCal}
$y1_{tracker}$
ID 334
ENTRIES 165947
0.00 0.00 0.00
0.00 0.166E+06 0.00
0.00 0.00 0.00
y_{BigCal}
$y1_{tracker}$

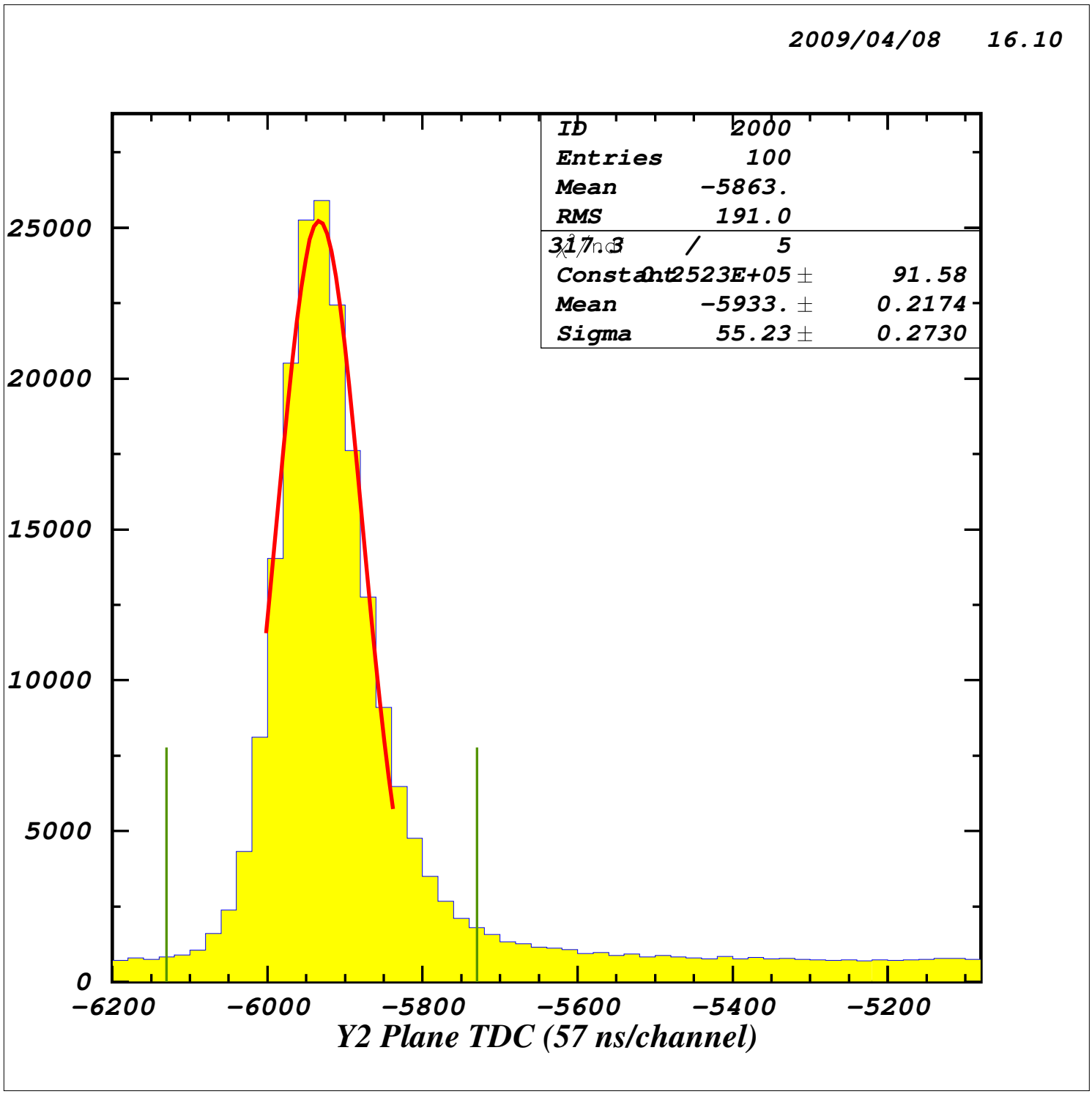
2009/04/08 16.10

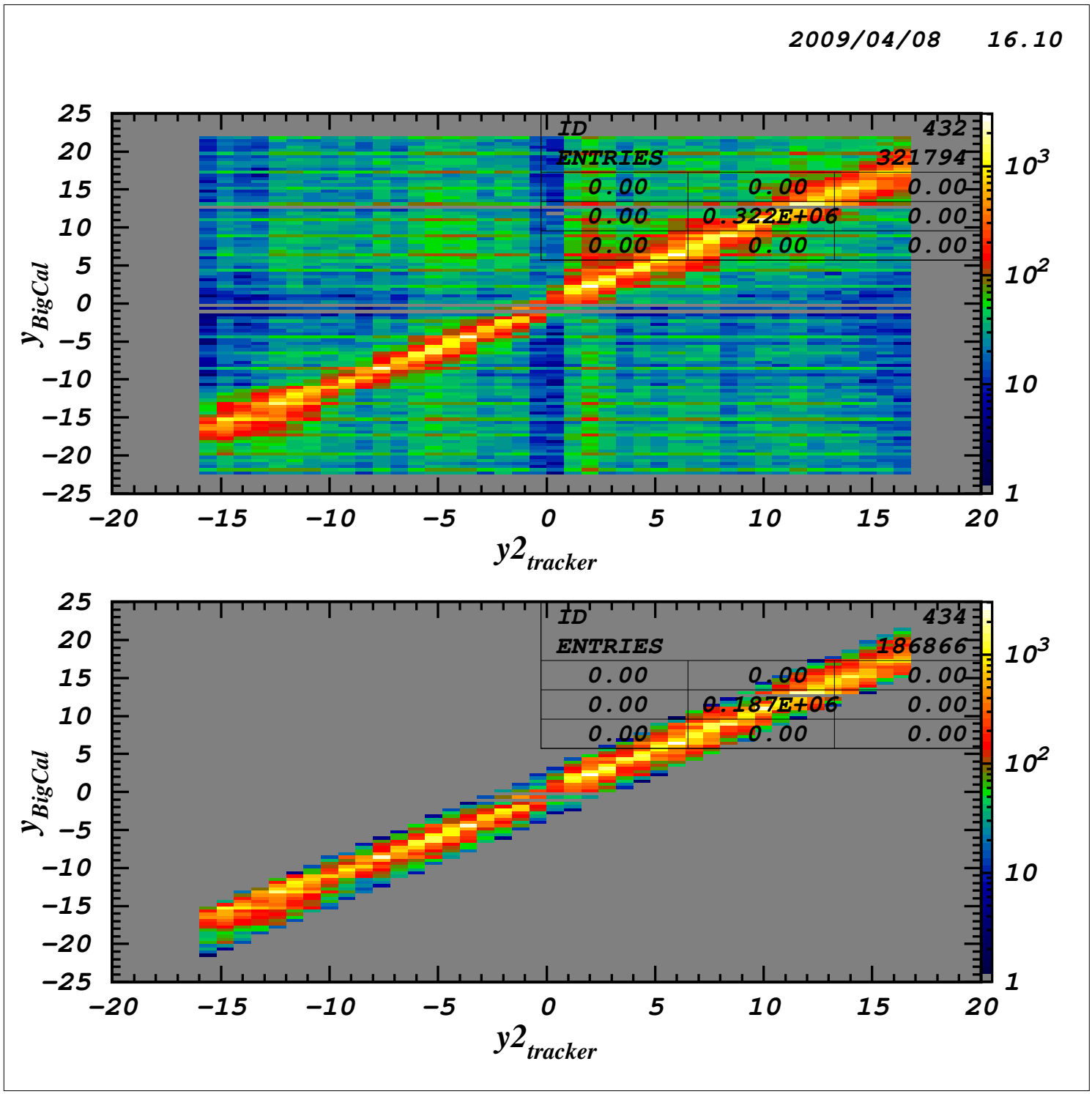




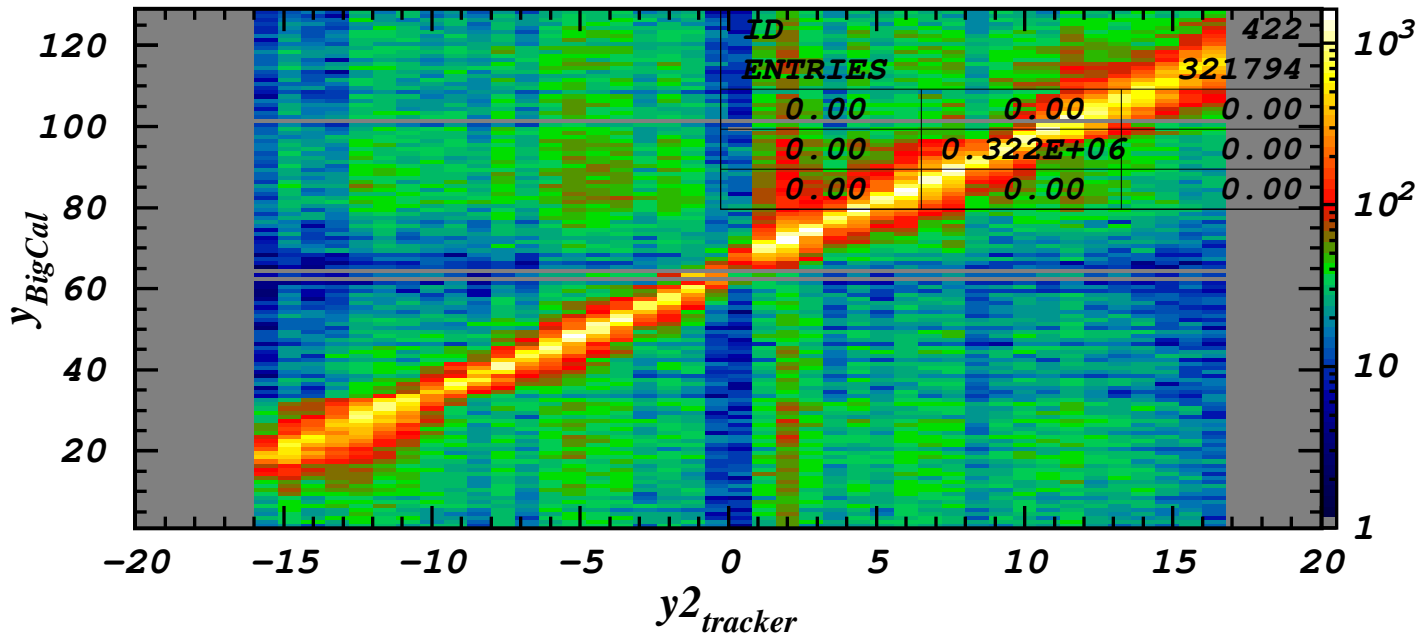

2009/04/08 16.10
ID 1002
Entries 100
Mean 0.2583
RMS 1.238
χ² 7.390 / 4
Constant 0.1686E+05 ± 79.56
Mean -0.4382E-01 ± 0.1195E-02
Sigma 0.2508 ± 0.1676E-02
18000
16000
14000
12000
10000
8000
6000
4000
2000
0
-3
-2
-1
0
1
2
3
4
5
y1pred-yrecon

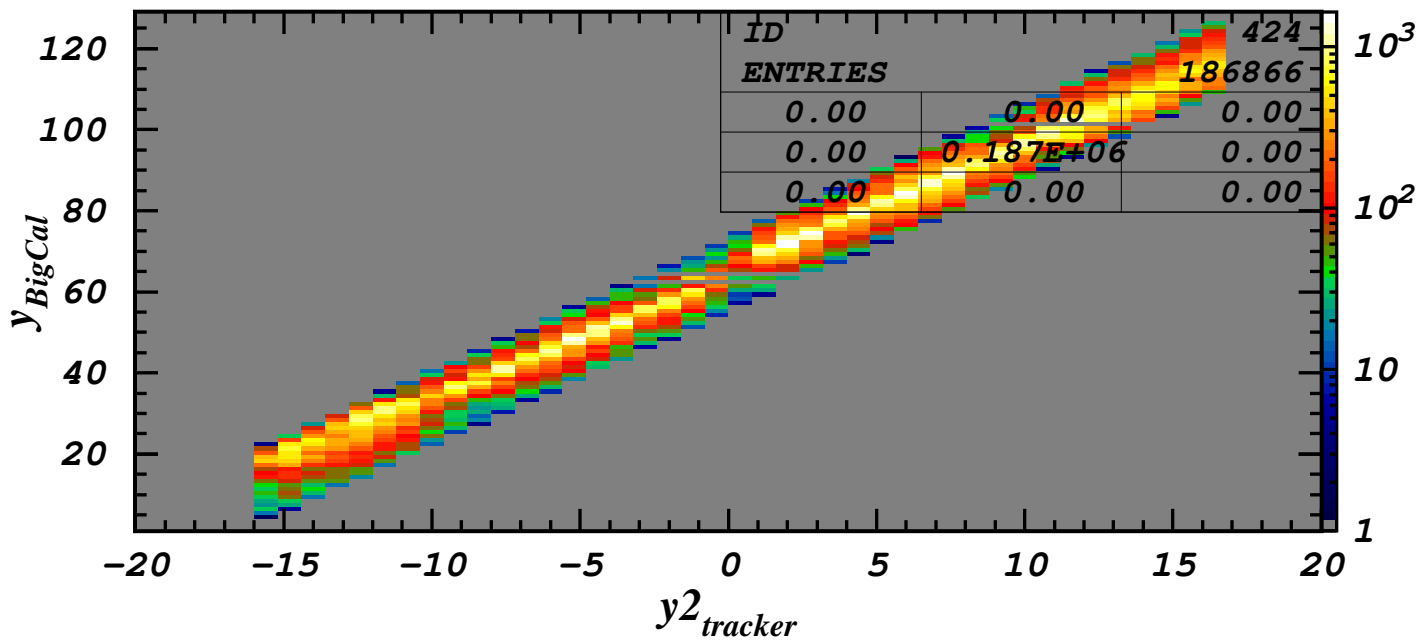

2009/04/08 16.10
ID 411
ENTRIES 1737523
0.00 0.318E+06 0.00
0.00 0.788E+06 0.00
0.00 0.631E+06 0.00
TDC signal
Y2 plane channels
ID 412
ENTRIES 321794
0.00 0.00 0.00
0.00 0.322E+06 0.00
0.00 0.00 0.00
TDC signal
Y2 plane channels


2009/04/08 16.10
ID 2000
Entries 100
Mean -5863.
RMS 191.0
χ² 317.3 / 5
Constant 2523E+05 ± 91.58
Mean -5933. ± 0.2174
Sigma 55.23 ± 0.2730
25000
20000
15000
10000
5000
0
-6200
-6000
-5800
-5600
-5400
-5200
Y2 Plane TDC (57 ns/channel)

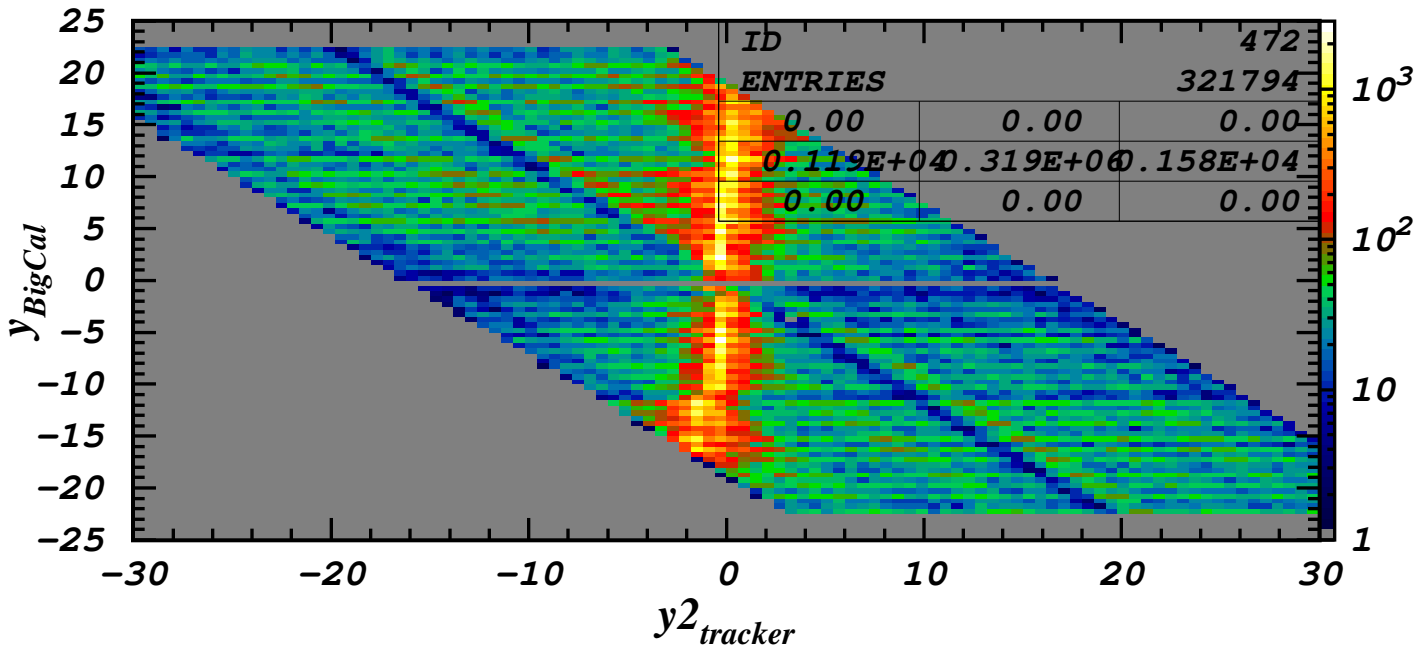

2009/04/08 16.10
ID 432
ENTRIES 321794
0.00 0.00 0.00
0.00 0.322E+06 0.00
0.00 0.00 0.00
y_{BigCal}
$y2_{tracker}$
ID 434
ENTRIES 186866
0.00 0.00 0.00
0.00 0.187E+06 0.00
0.00 0.00 0.00
y_{BigCal}
$y2_{tracker}$

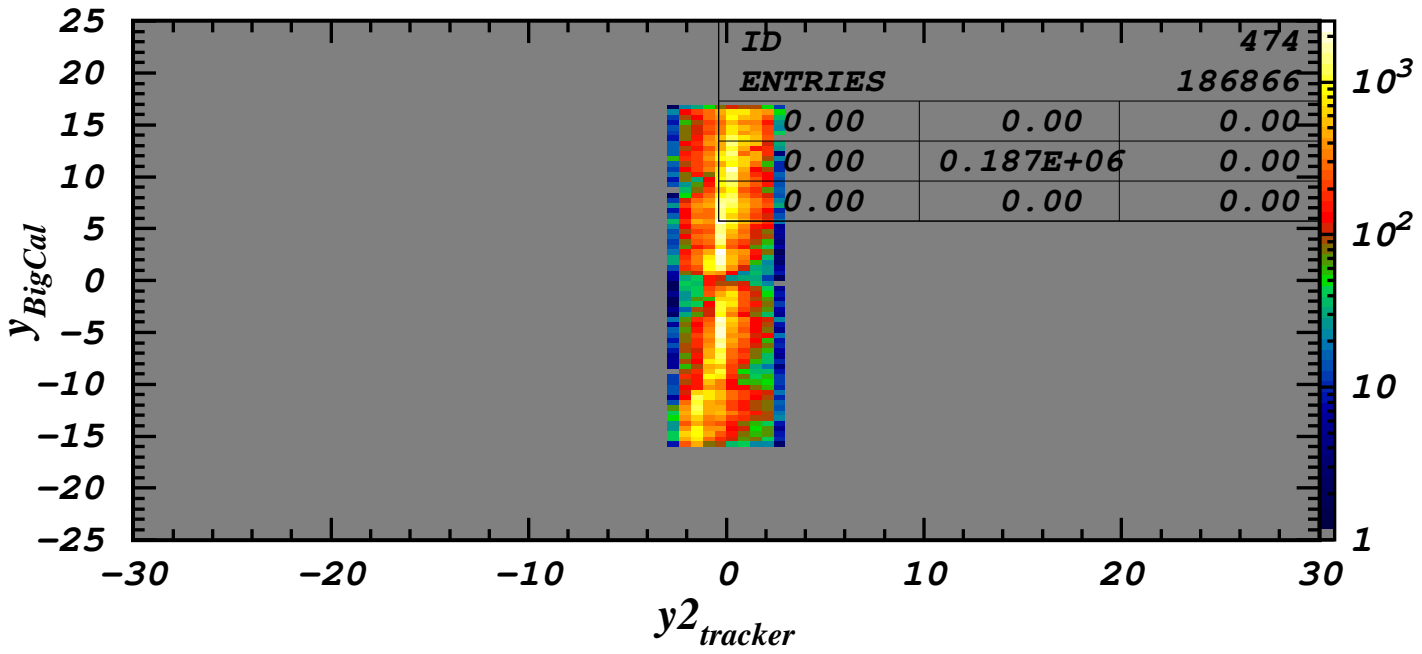
2009/04/08 16.10

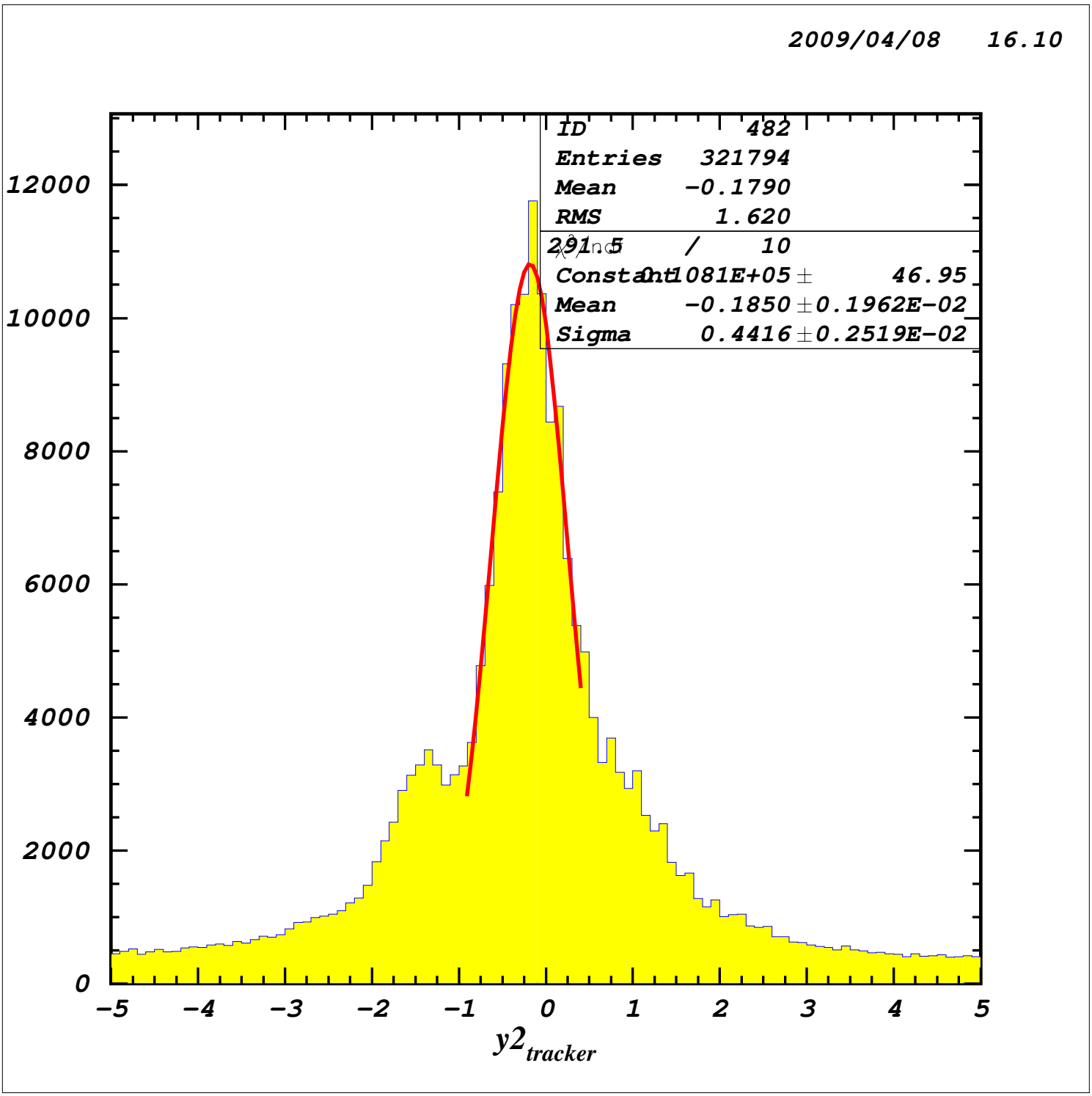


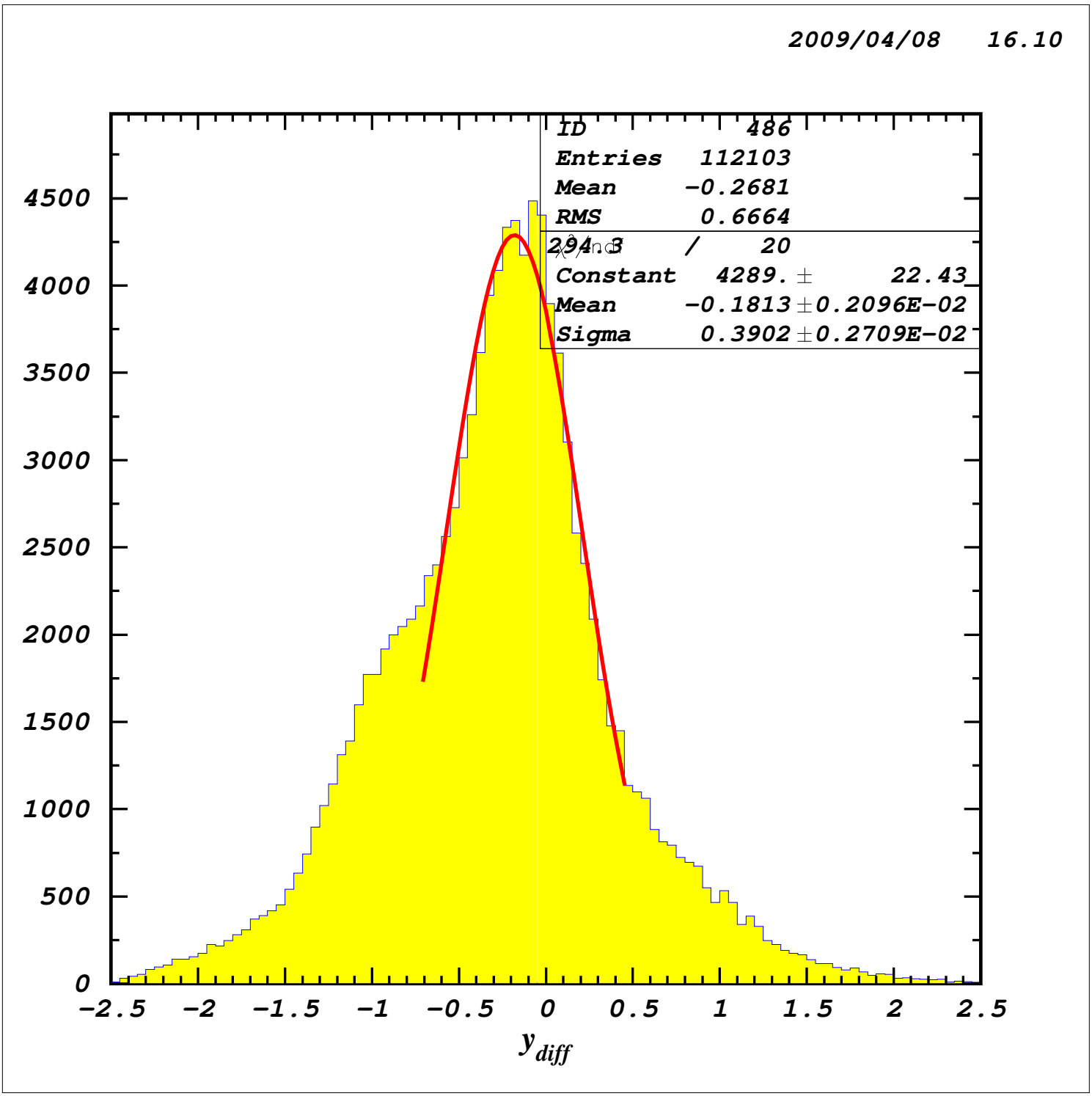


2009/04/08 16.10

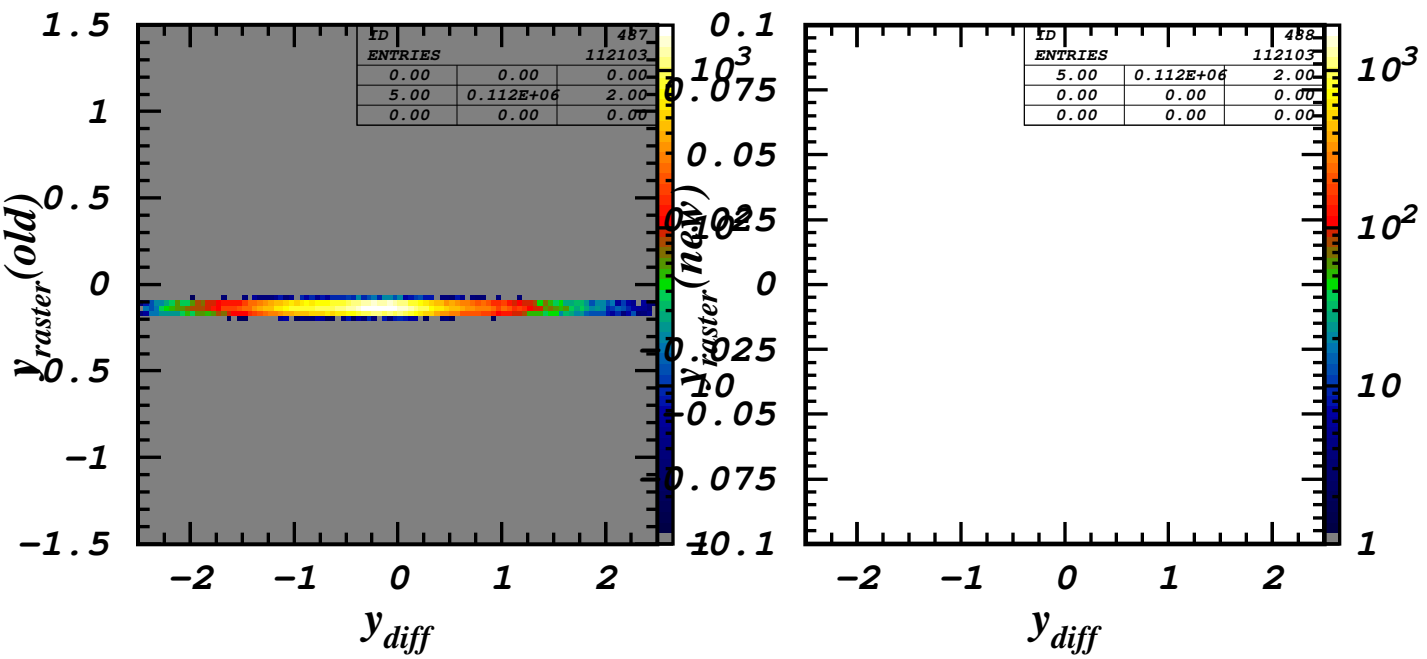


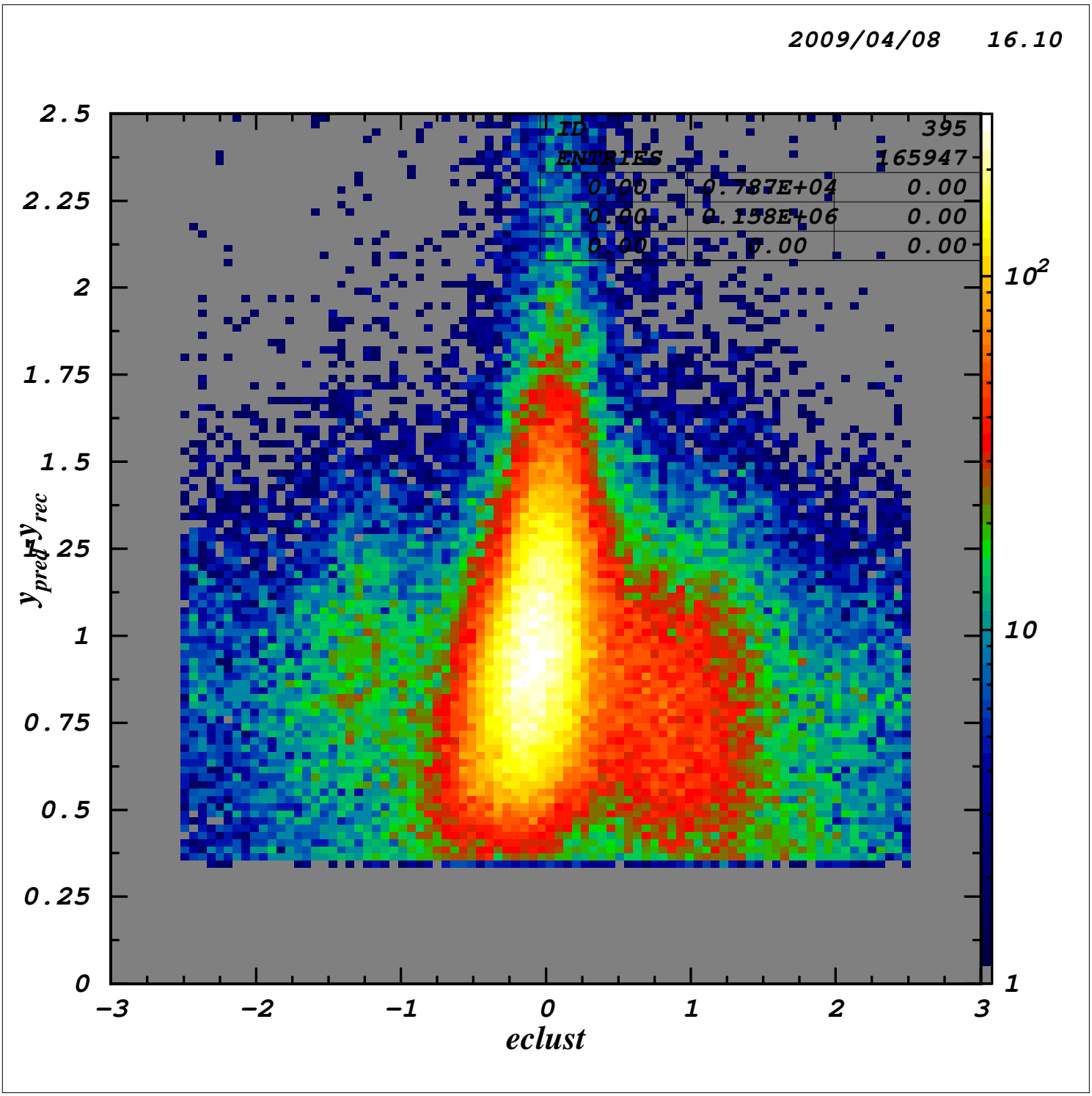


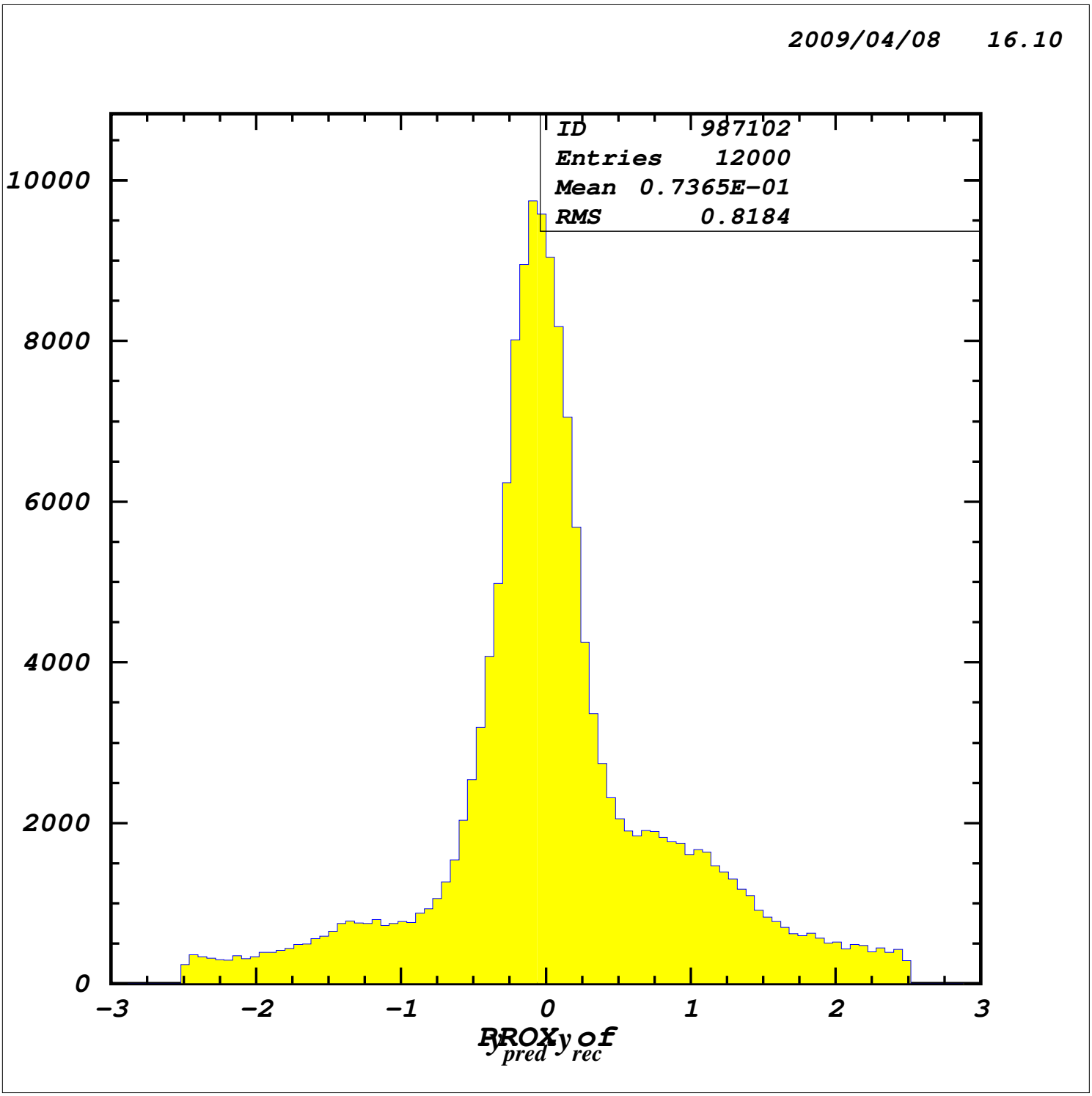

2009/04/08 16.10
ID 482
Entries 321794
Mean -0.1790
RMS 1.620
χ²/ndf 291.5 / 10
Constant 0.1081E+05 ± 46.95
Mean -0.1850 ± 0.1962E-02
Sigma 0.4416 ± 0.2519E-02
12000
10000
8000
6000
4000
2000
0
−5
−4
−3
−2
−1
0
1
2
3
4
5
y2tracker


2009/04/08 16.10
ID 486
Entries 112103
Mean -0.2681
RMS 0.6664
χ²/ndf 294.3 / 20
Constant 4289. ± 22.43
Mean -0.1813 ± 0.2096E-02
Sigma 0.3902 ± 0.2709E-02
4500
4000
3500
3000
2500
2000
1500
1000
500
0
-2.5 -2 -1.5 -1 -0.5 0 0.5 1 1.5 2 2.5
y_{diff}

2009/04/08 16.10




2009/04/08 16.10
ID 395
ENTRIES 165947
0.00 0.787E+04 0.00
0.00 0.158E+06 0.00
0.00 0.00 0.00
2.5
2.25
2
1.75
1.5
1.25
1
0.75
0.5
0.25
0
−3
−2
−1
0
1
2
3
eclust
$y_{pred} - y_{rec}$
10^2
10
1


2009/04/08 16.10
ID 987102
Entries 12000
Mean 0.7365E-01
RMS 0.8184
10000
8000
6000
4000
2000
0
-3
-2
-1
0
1
2
3
PROXy of
y_pred y_rec