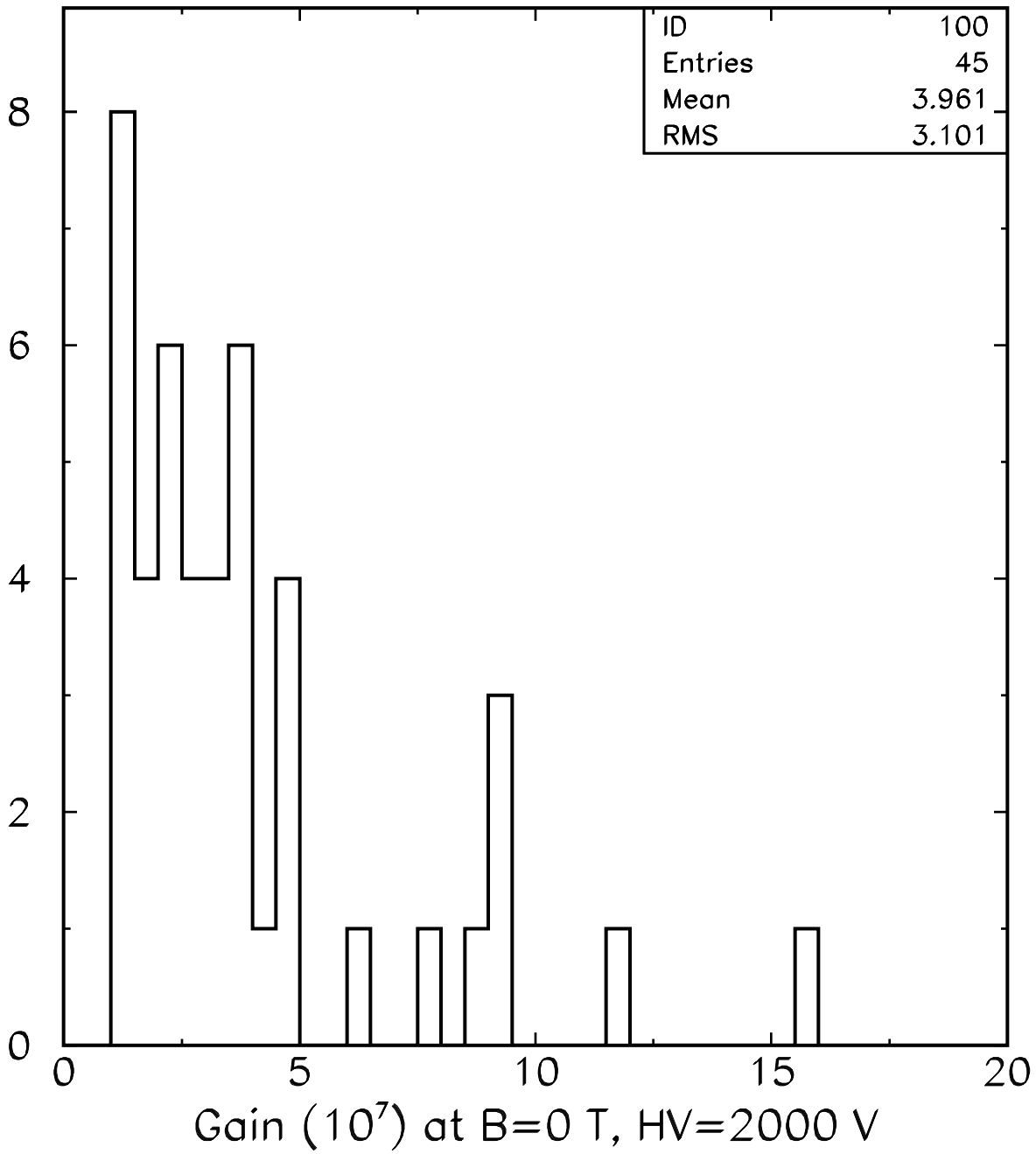
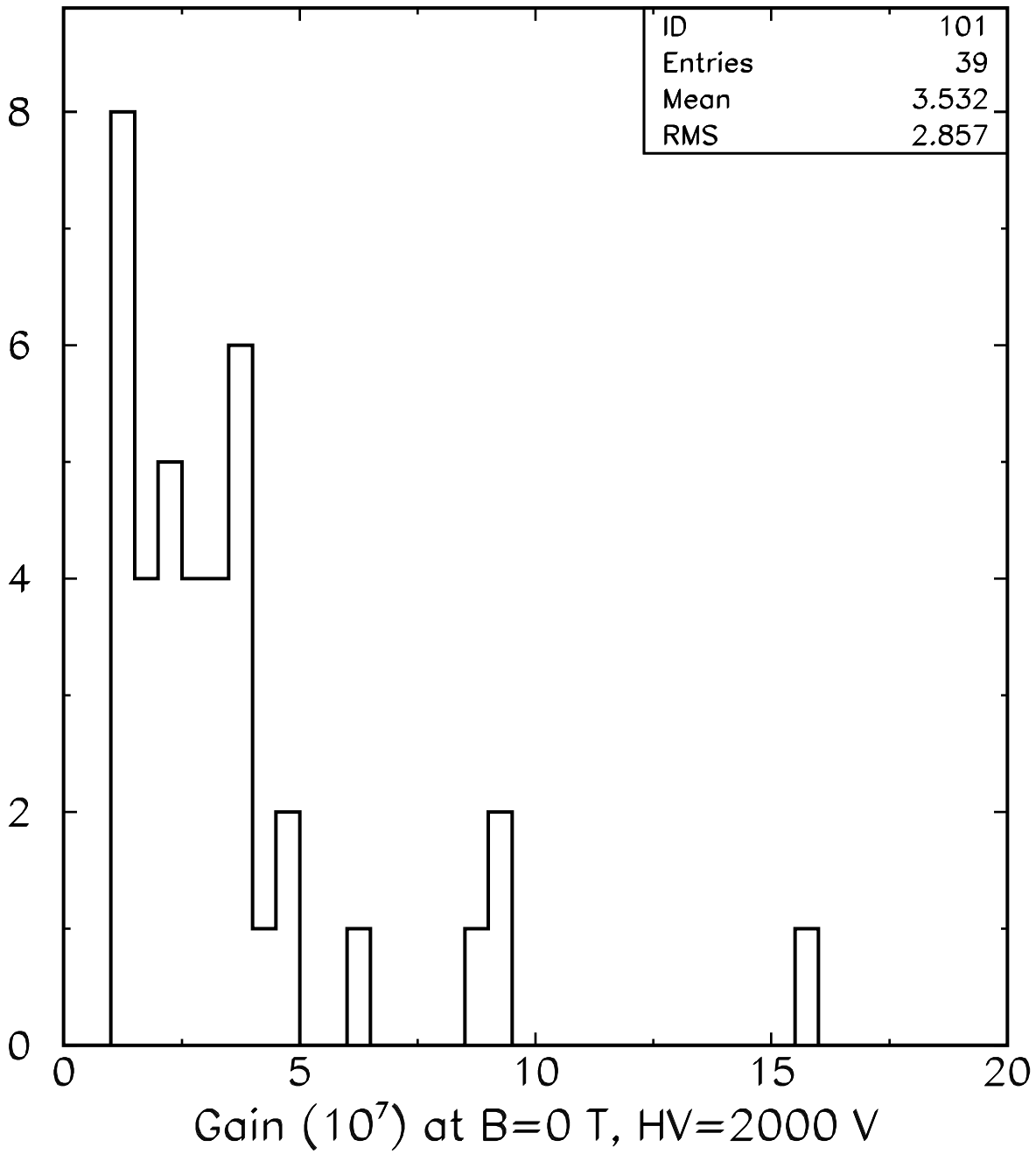
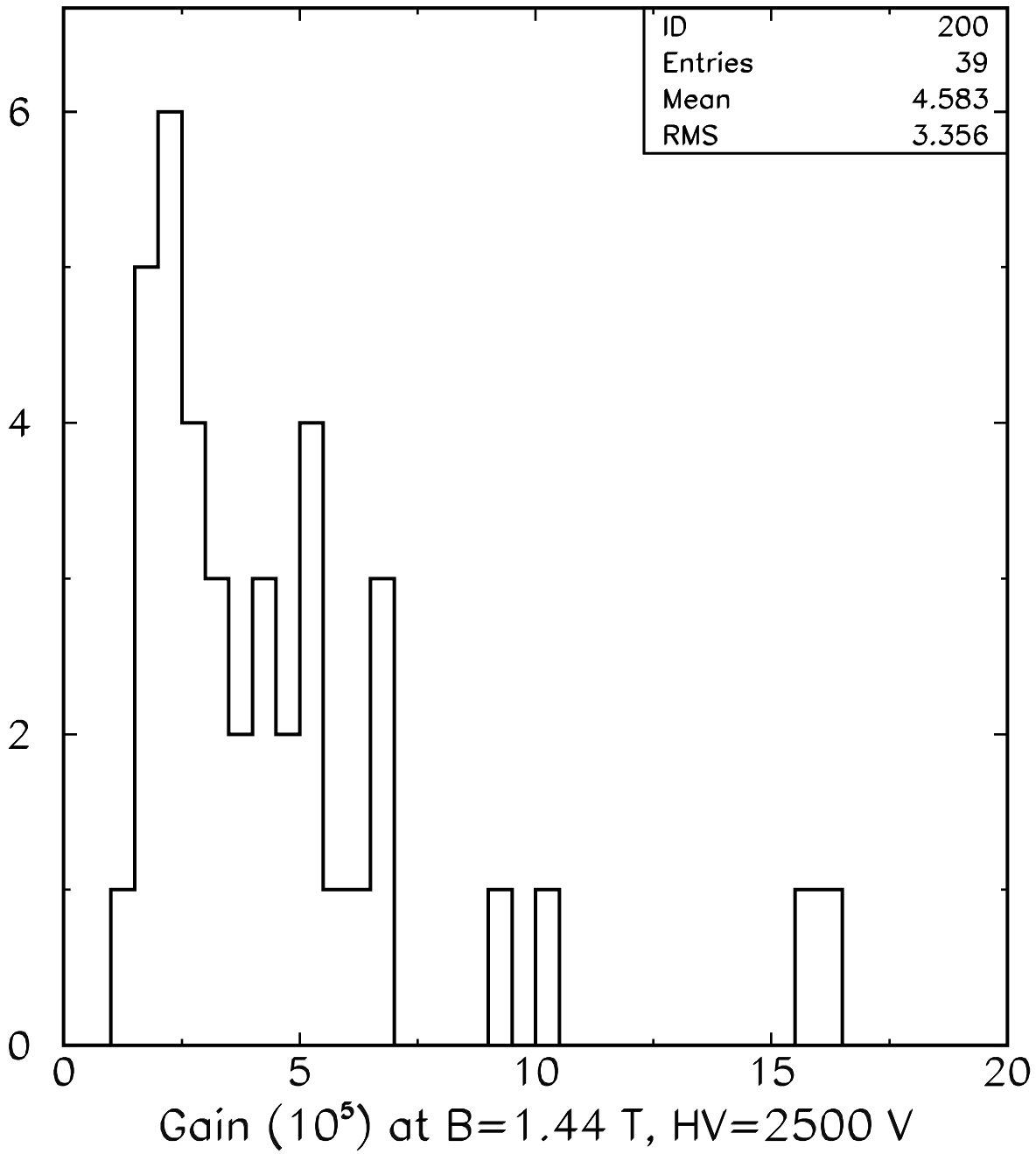
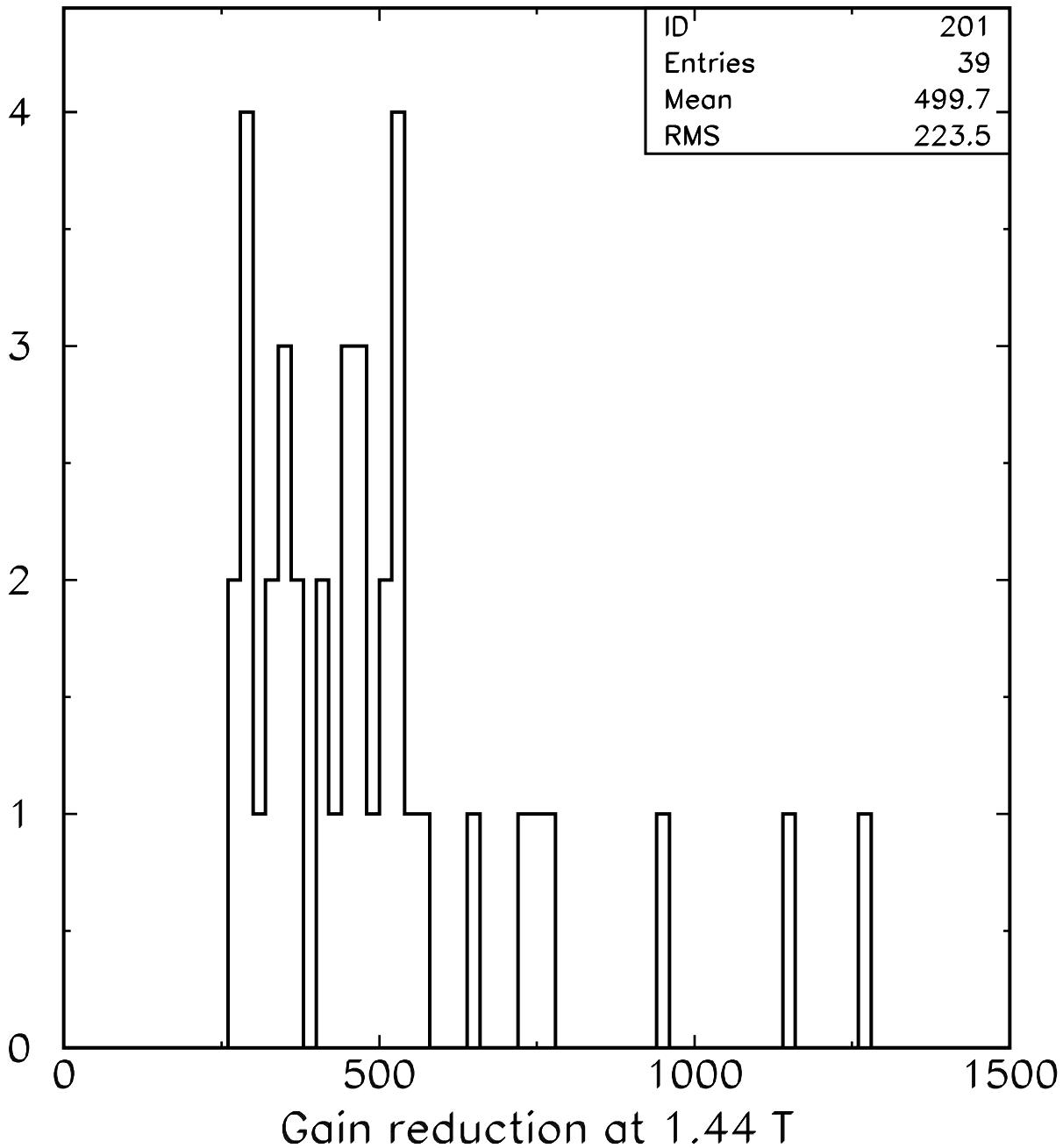
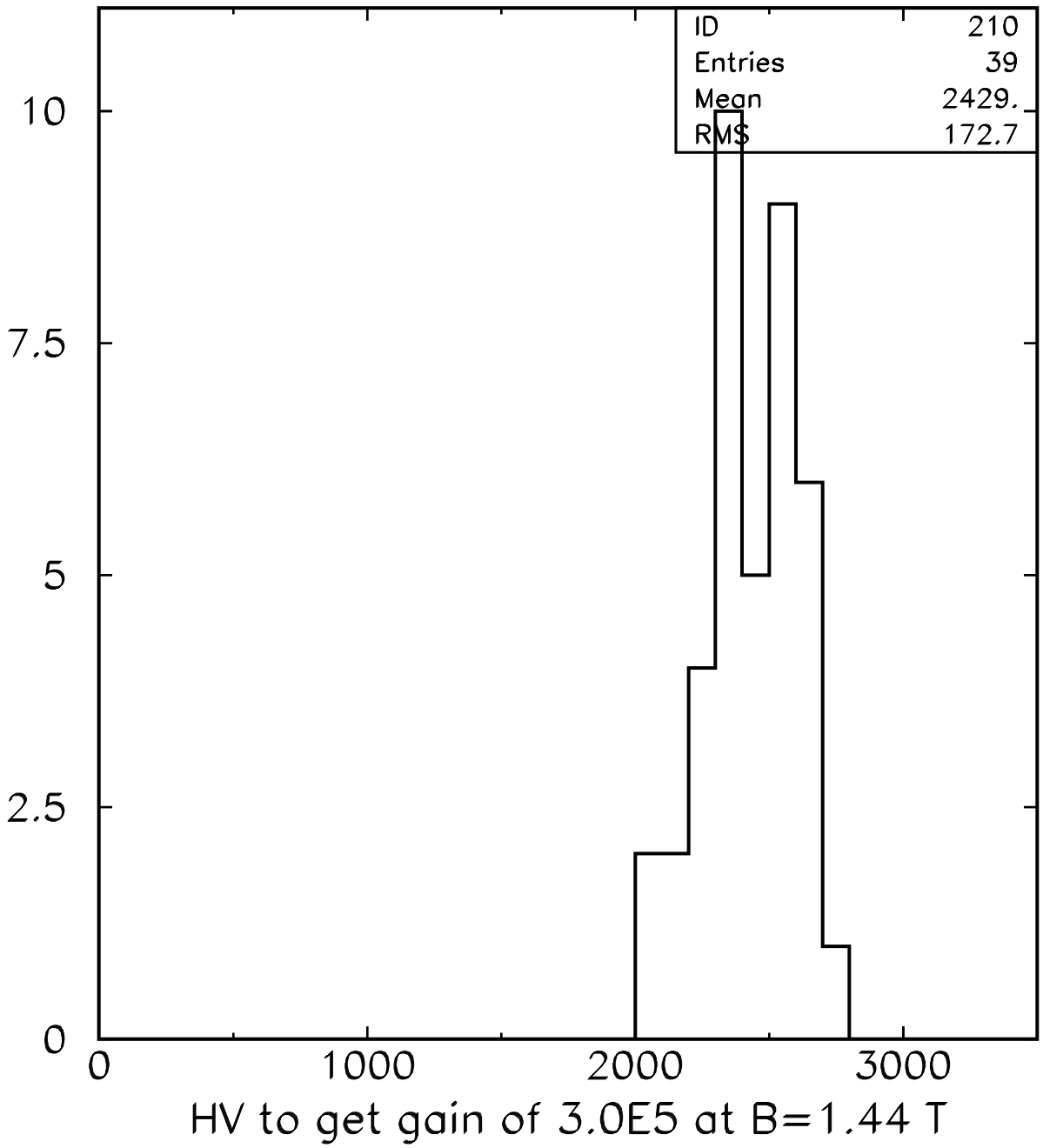
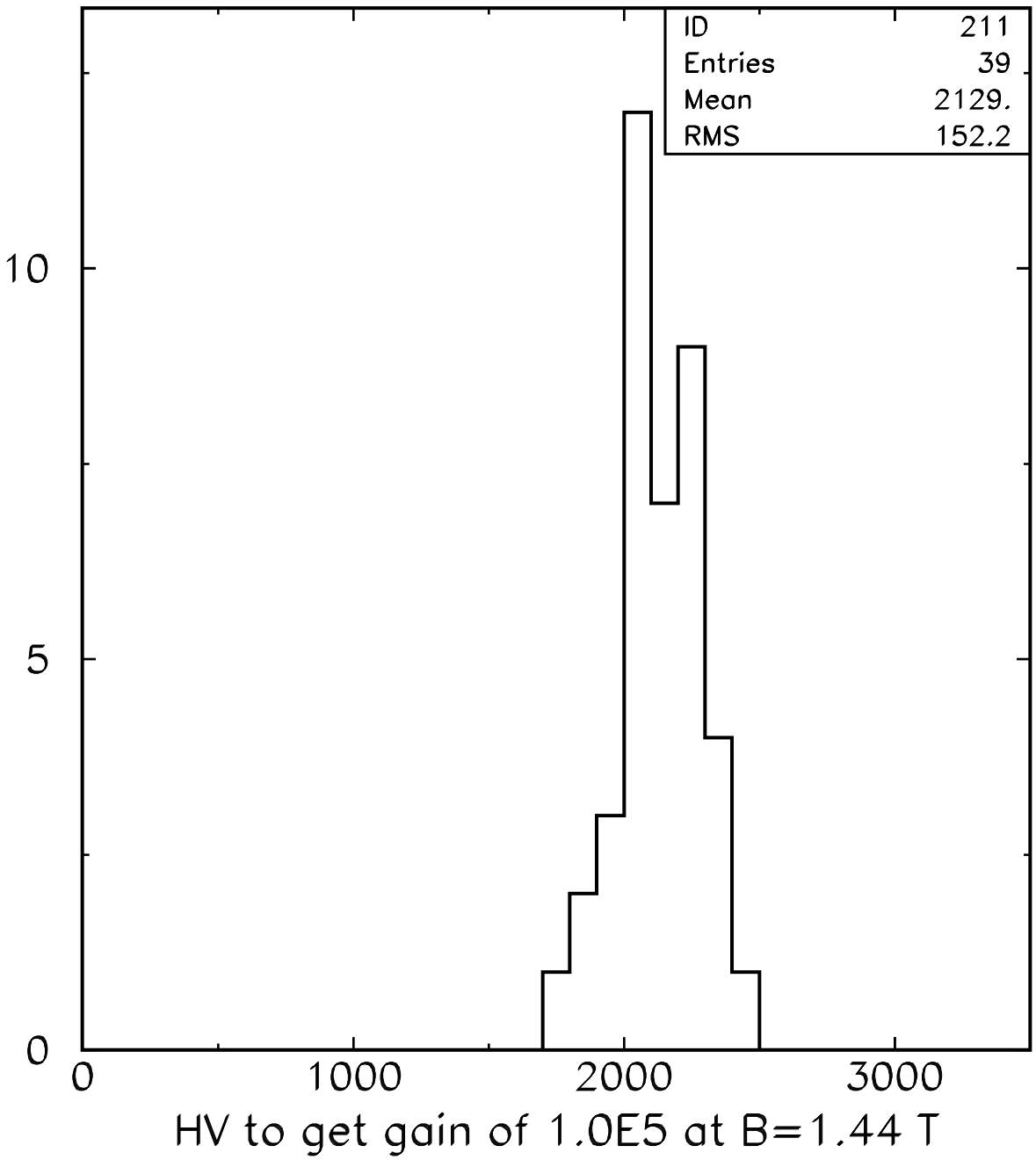

ID 100
Entries 45
Mean 3.961
RMS 3.101
0
2
4
6
8
0
5
10
15
20
Gain (10^7) at B=0 T, HV=2000 V

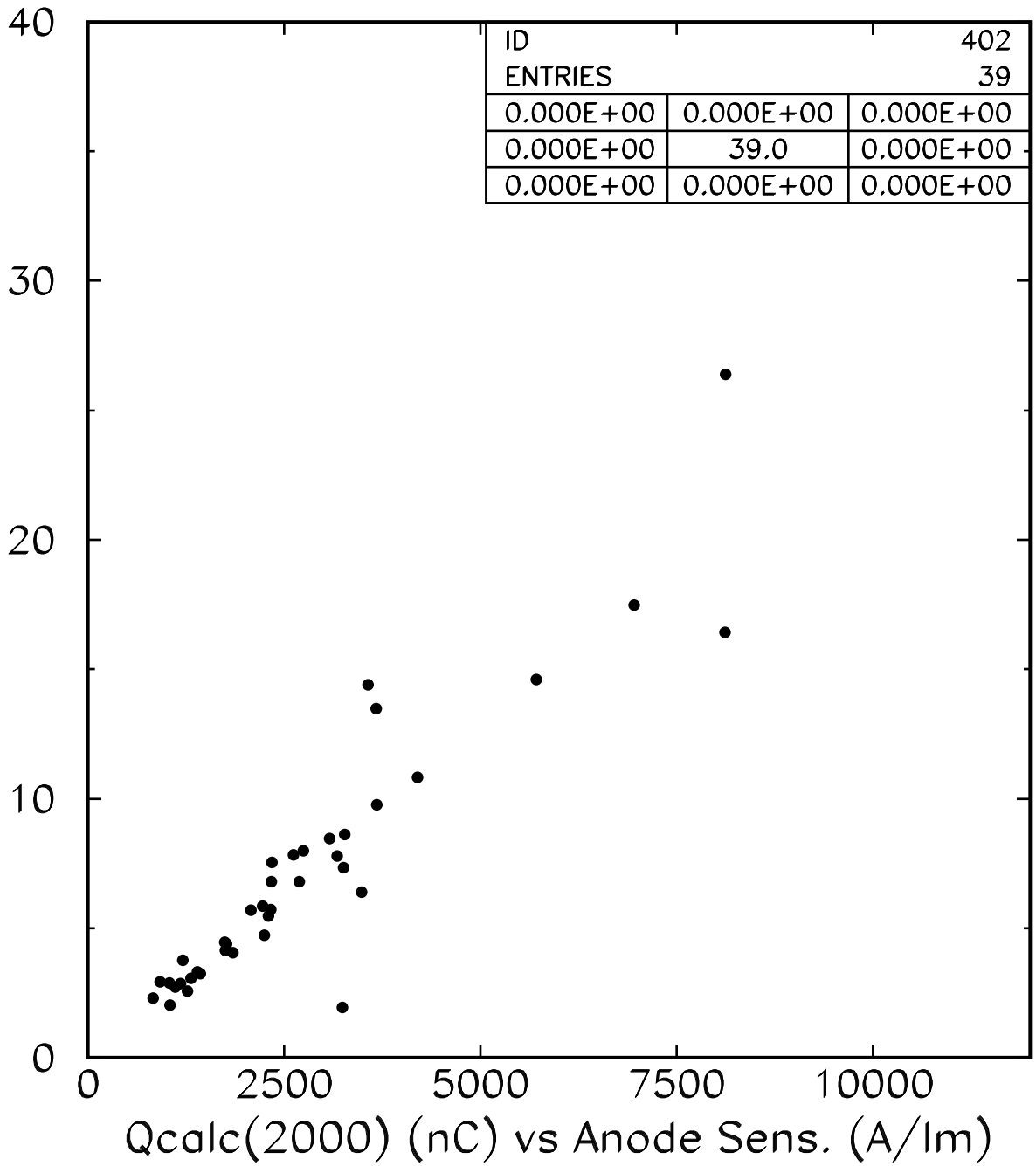

ID 101
Entries 39
Mean 3.532
RMS 2.857
0
2
4
6
8
0
5
10
15
20
Gain (10^7) at B=0 T, HV=2000 V

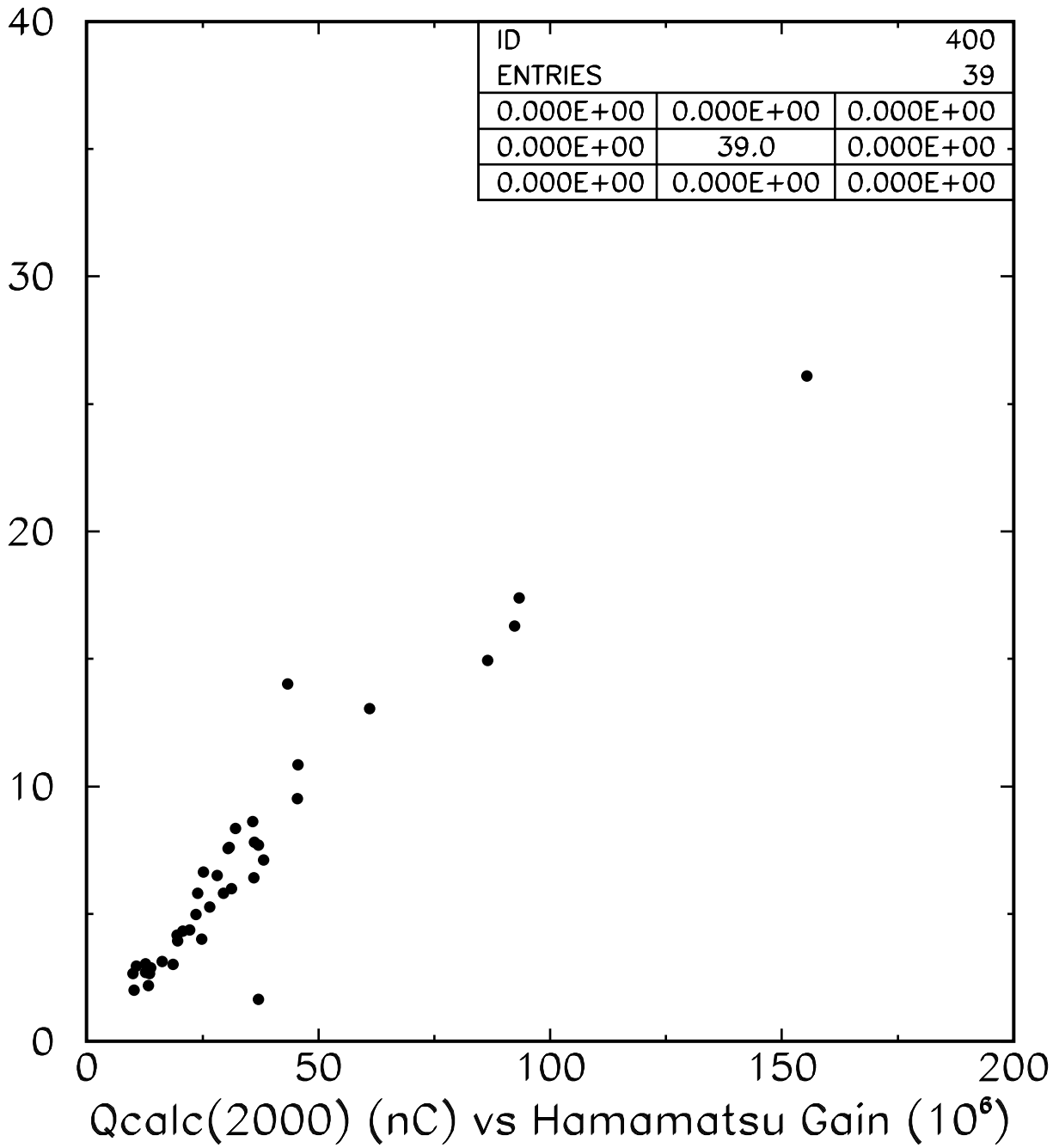

ID 200
Entries 39
Mean 4.583
RMS 3.356
0
2
4
6
0
5
10
15
20
Gain (10^5) at B=1.44 T, HV=2500 V

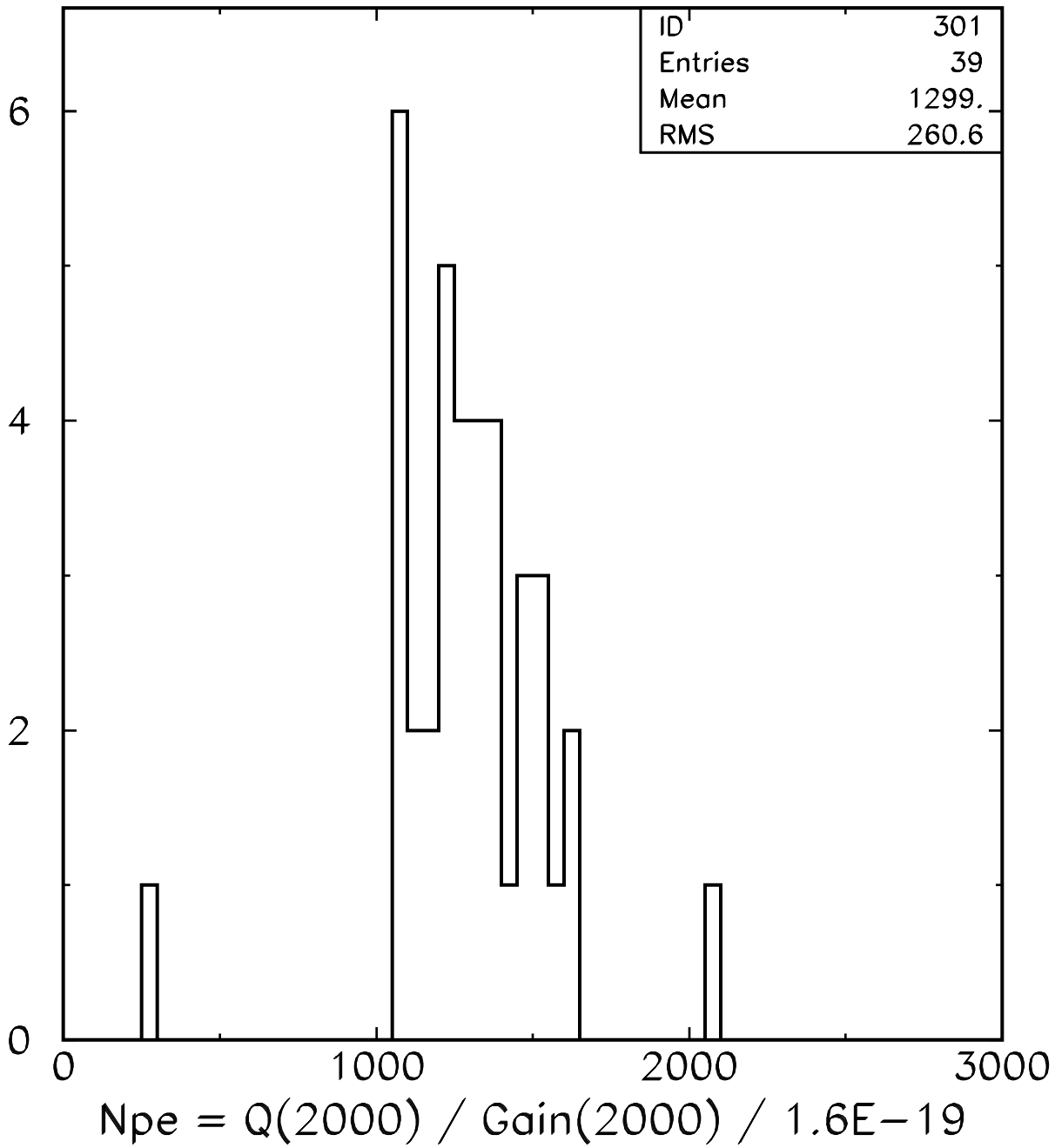

ID 201
Entries 39
Mean 499.7
RMS 223.5
0
1
2
3
4
0
500
1000
1500
Gain reduction at 1.44 T

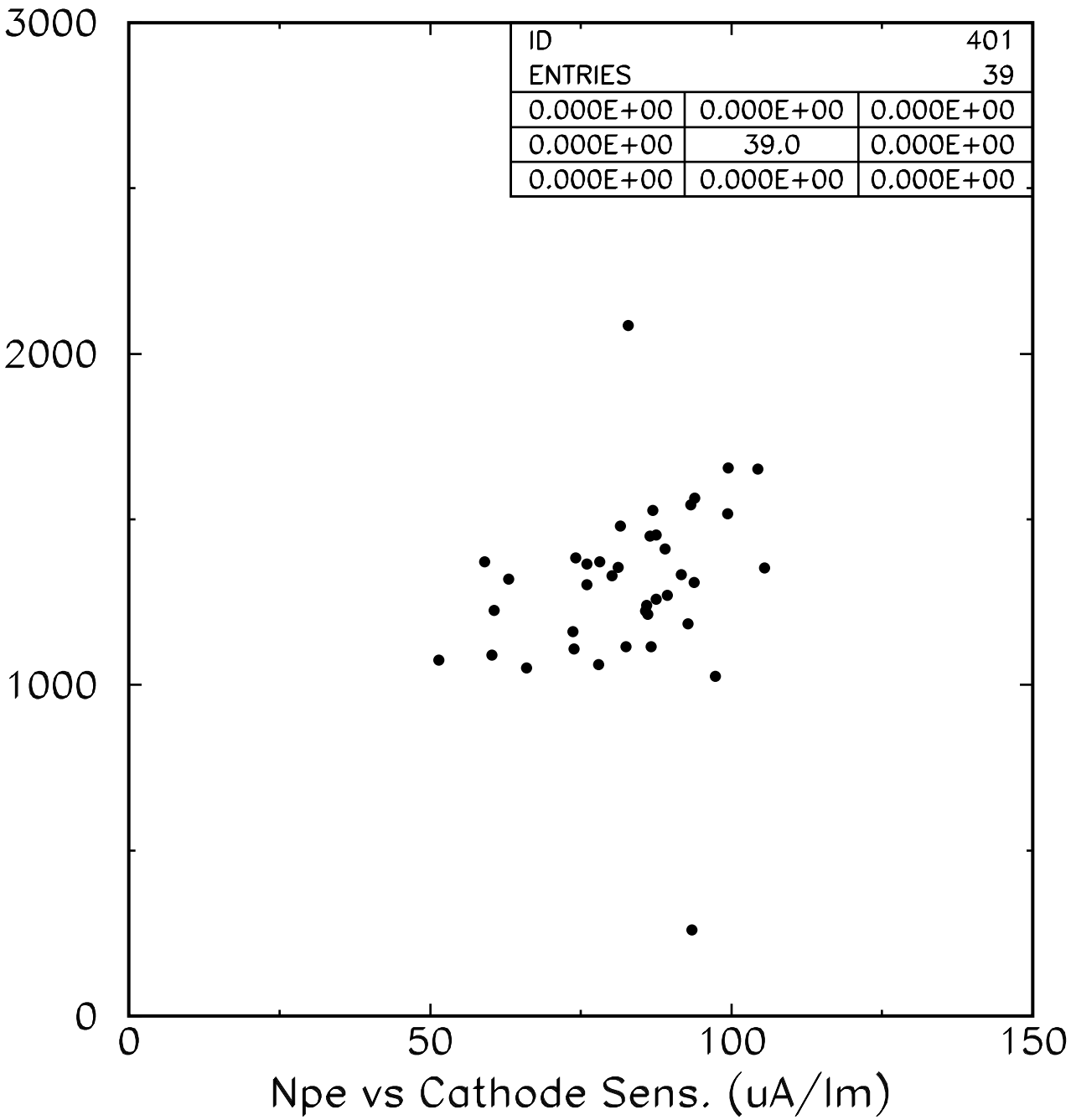

ID 210
Entries 39
Mean 2429.
RMS 172.7
10
7.5
5
2.5
0
0
1000
2000
3000
HV to get gain of 3.0E5 at B=1.44 T

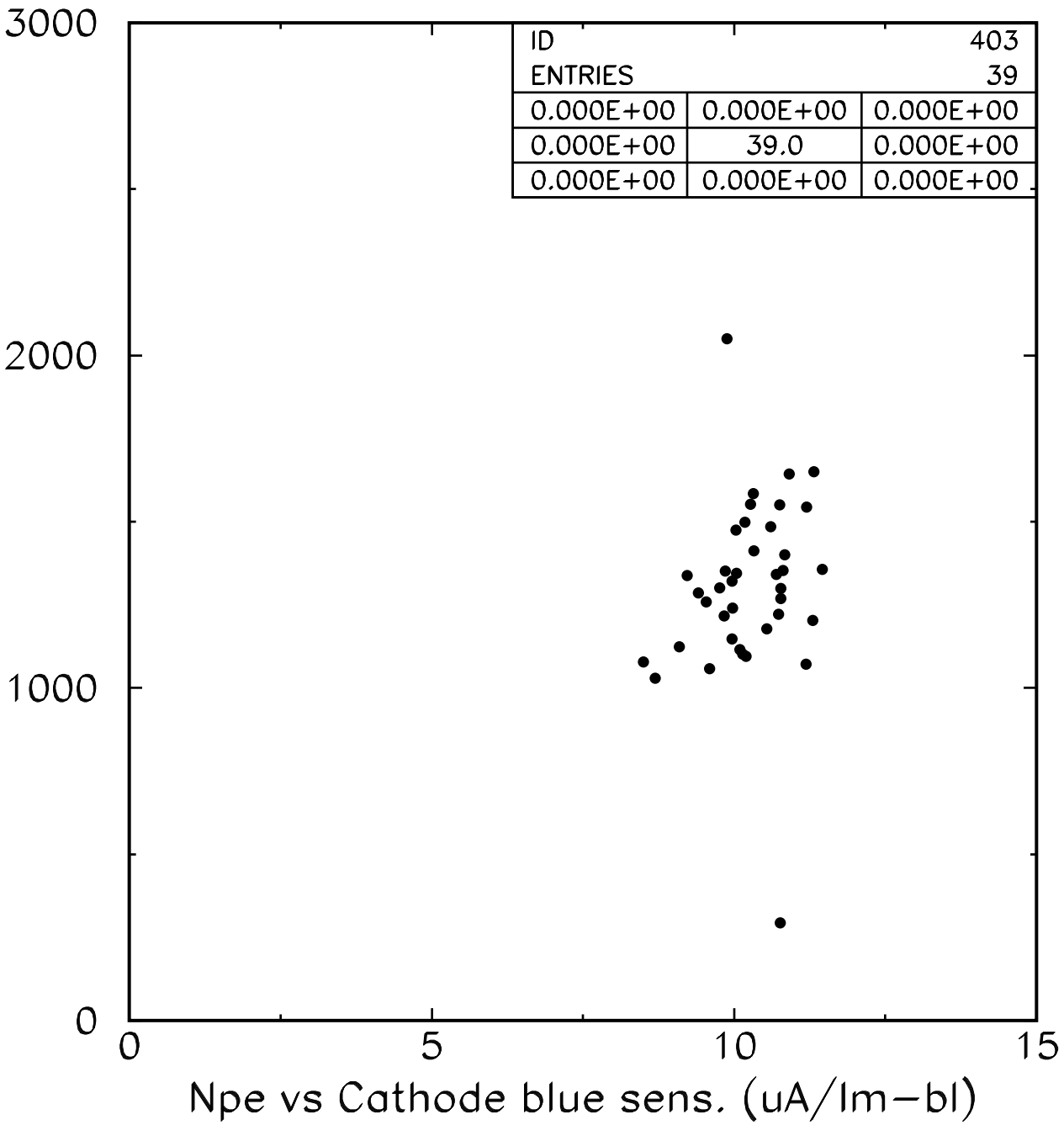

ID 211
Entries 39
Mean 2129.
RMS 152.2
10
5
0
0
1000
2000
3000
HV to get gain of 1.0E5 at B=1.44 T


ID 402
ENTRIES 39
0.000E+00 0.000E+00 0.000E+00
0.000E+00 39.0 0.000E+00
0.000E+00 0.000E+00 0.000E+00
40
30
20
10
0
0
2500
5000
7500
10000
Qcalc(2000) (nC) vs Anode Sens. (A/lm)


ID 400
ENTRIES 39
0.000E+00 0.000E+00 0.000E+00
0.000E+00 39.0 0.000E+00
0.000E+00 0.000E+00 0.000E+00
40
30
20
10
0
0
50
100
150
200
Qcalc(2000) (nC) vs Hamamatsu Gain (10⁶)


ID 301
Entries 39
Mean 1299.
RMS 260.6
0
2
4
6
0
1000
2000
3000
Npe = Q(2000) / Gain(2000) / 1.6E−19


ID 401
ENTRIES 39
0.000E+00 0.000E+00 0.000E+00
0.000E+00 39.0 0.000E+00
0.000E+00 0.000E+00 0.000E+00
3000
2000
1000
0
0
50
100
150
Npe vs Cathode Sens. (uA/lm)


ID 403
ENTRIES 39
0.000E+00 0.000E+00 0.000E+00
0.000E+00 39.0 0.000E+00
0.000E+00 0.000E+00 0.000E+00
3000
2000
1000
0
0
5
10
15
Npe vs Cathode blue sens. (uA/lm−bl)