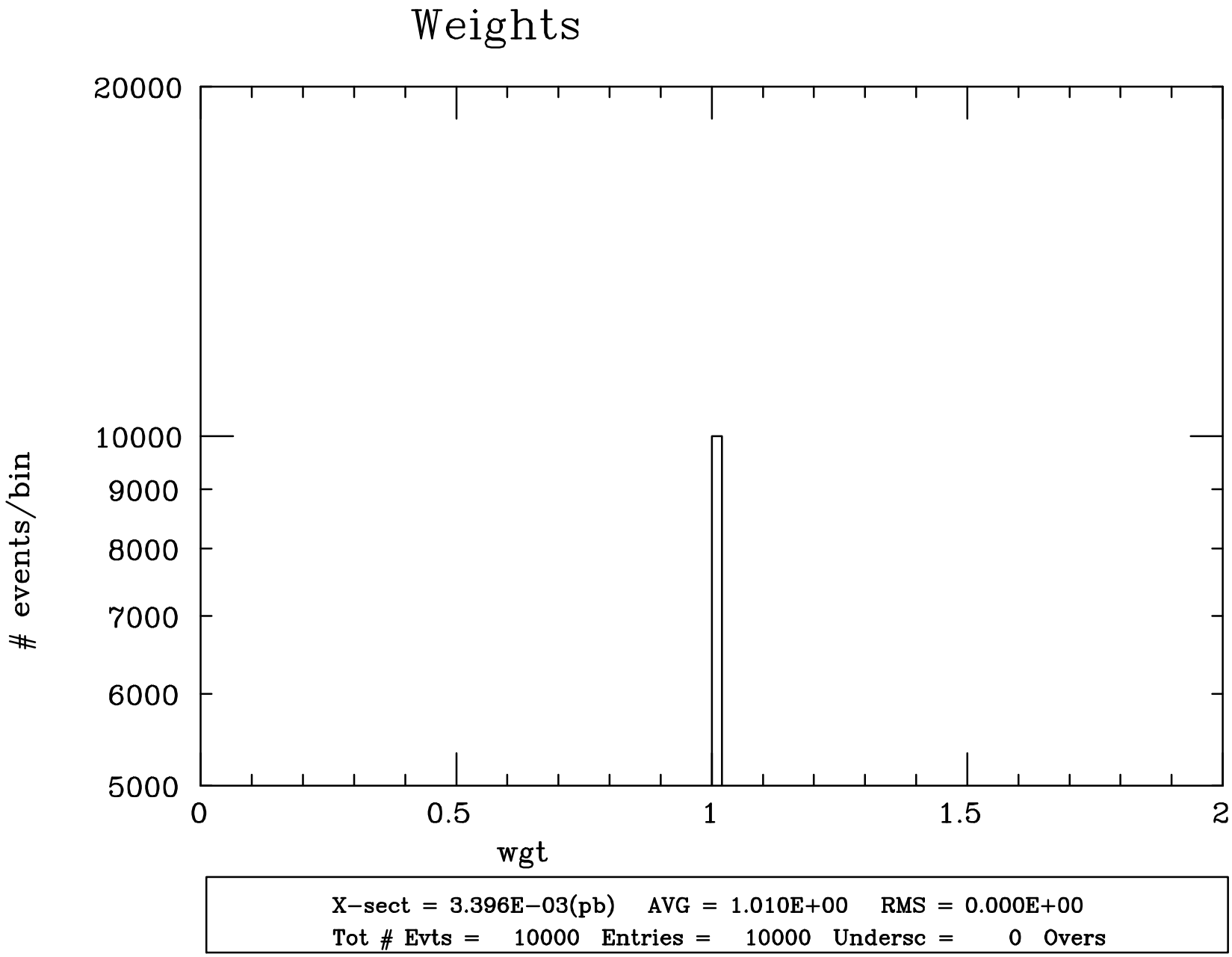
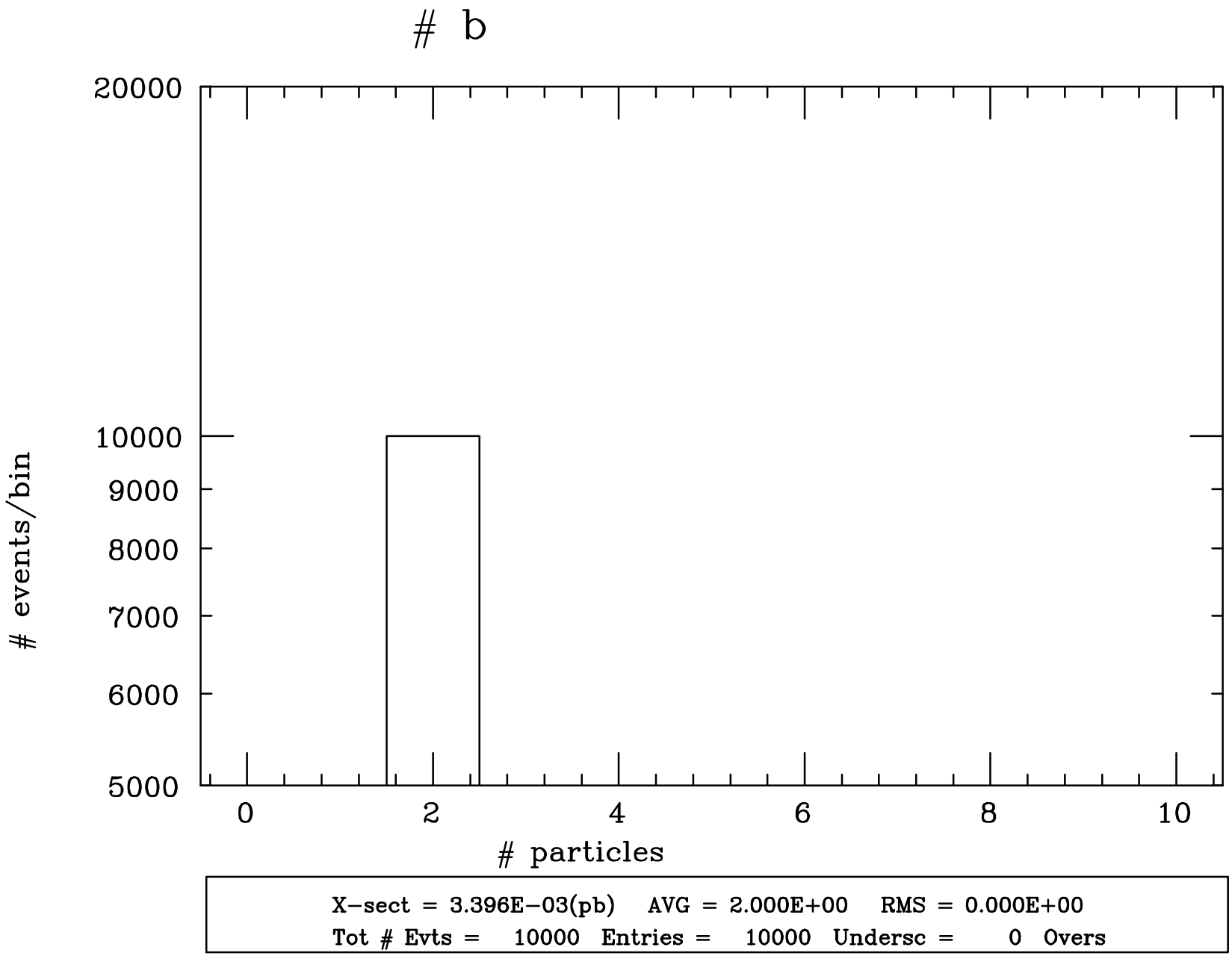
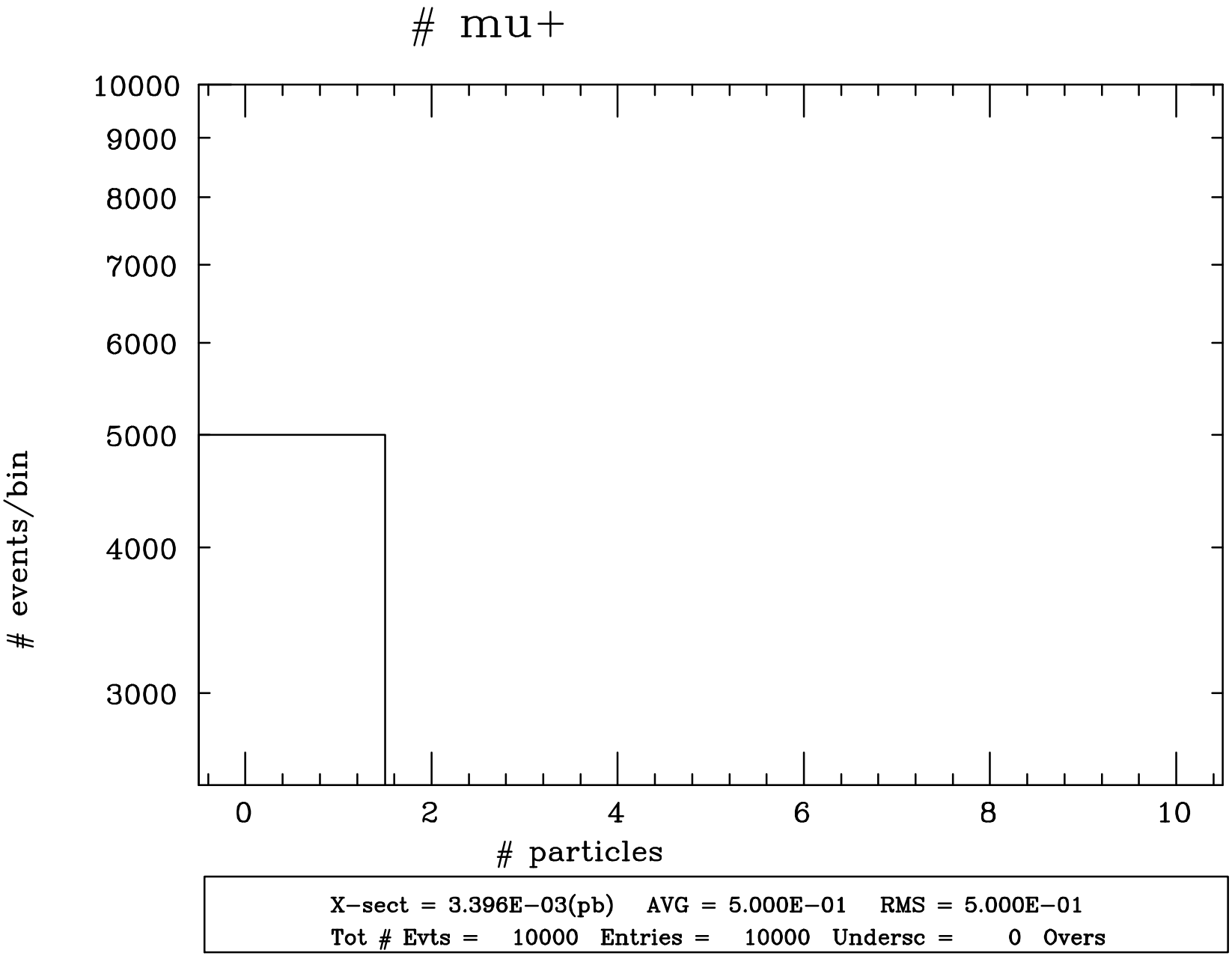
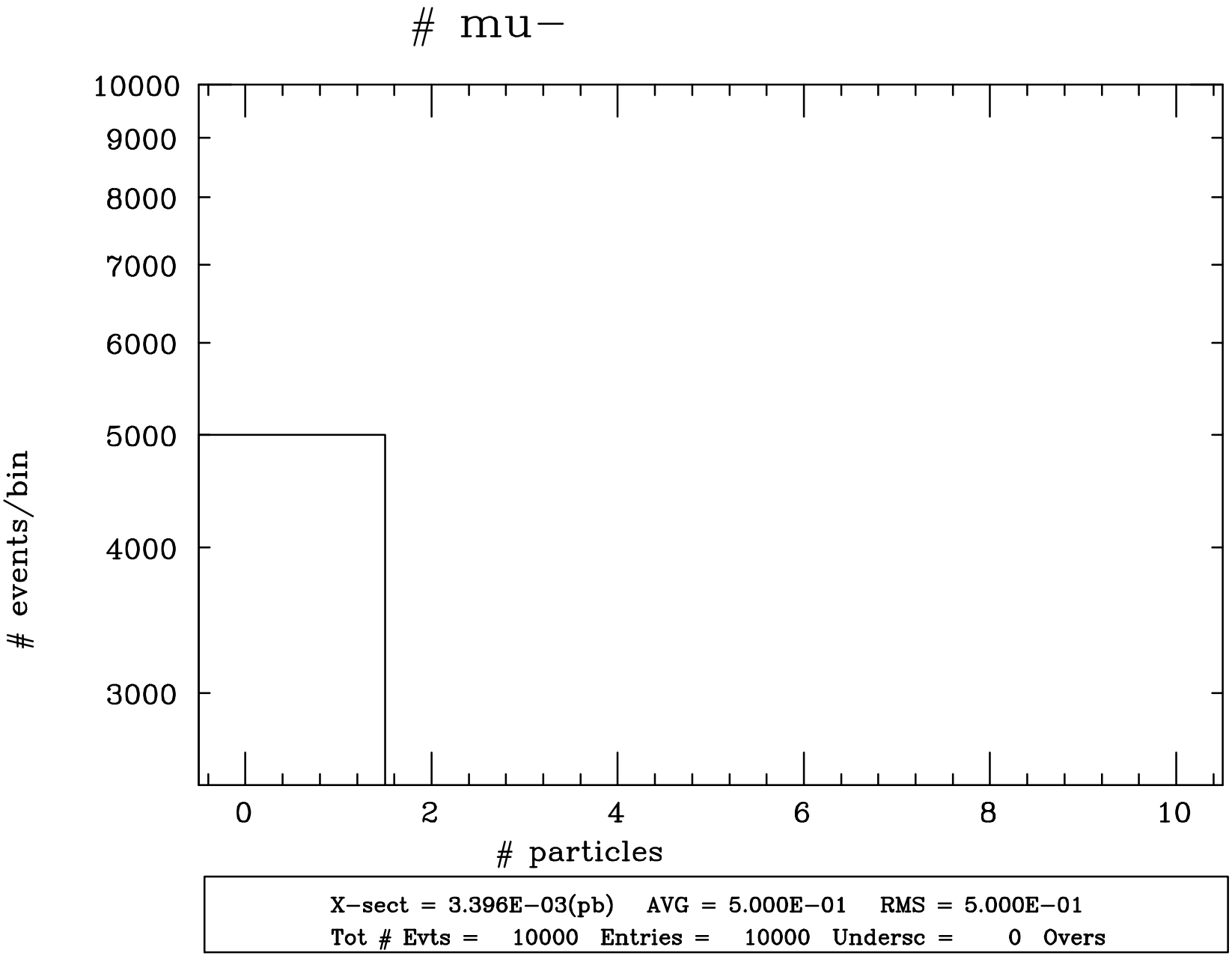
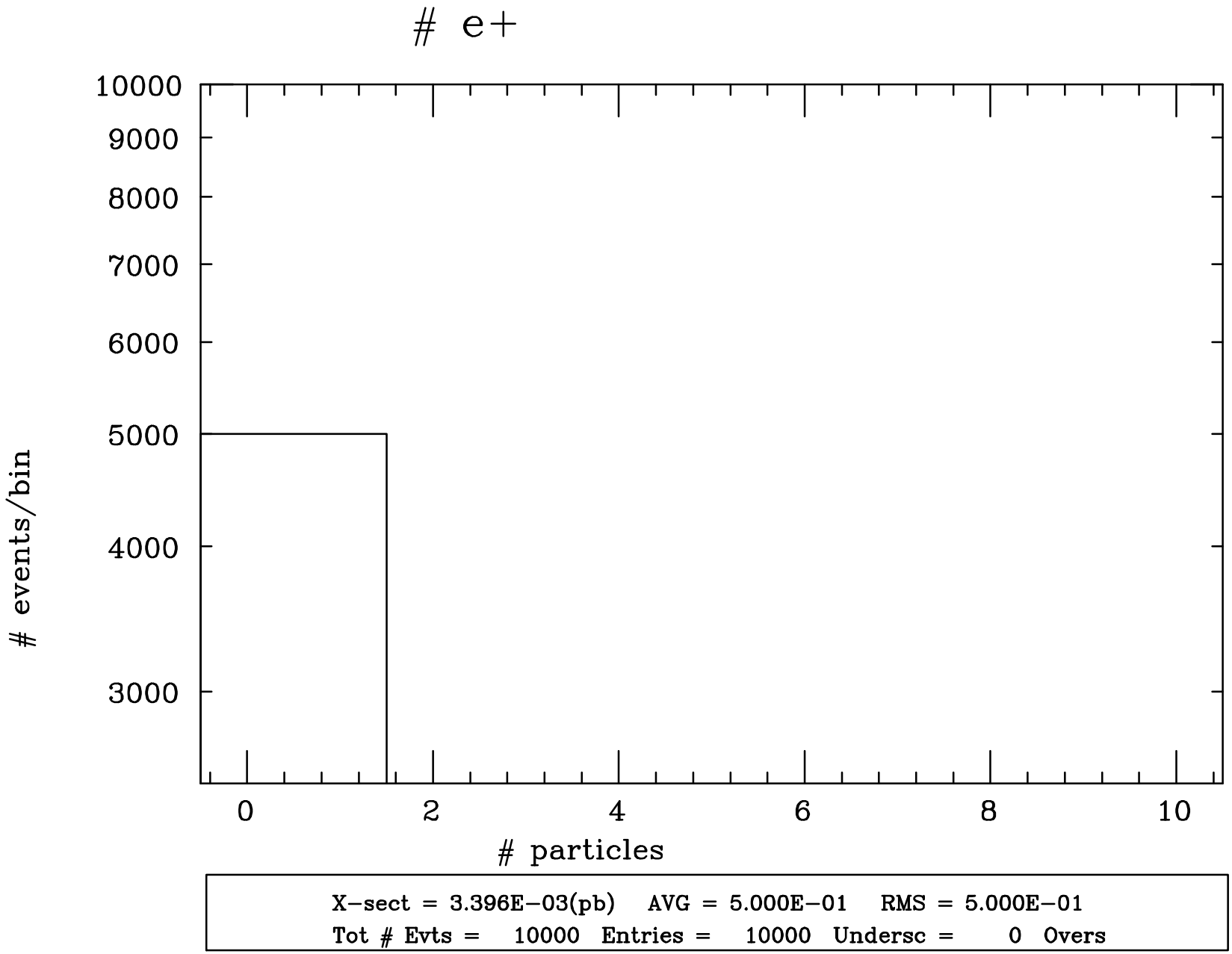
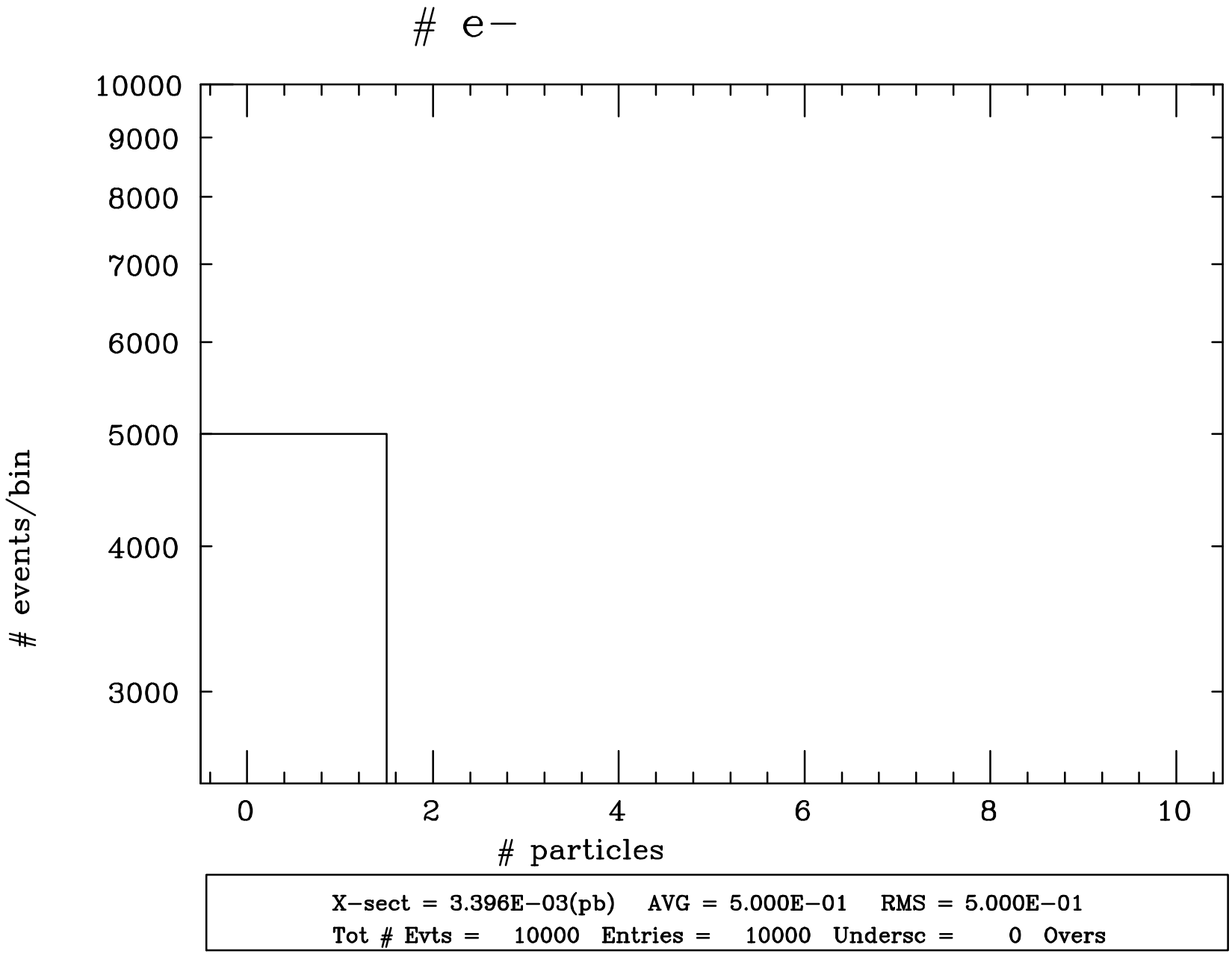

Weights
20000
10000
9000
8000
7000
6000
5000
events/bin
0
0.5
1
1.5
2
wgt
X-sect = 3.396E-03(pb) AVG = 1.010E+00 RMS = 0.000E+00
Tot # Evts = 10000 Entries = 10000 Undersc = 0 Overs

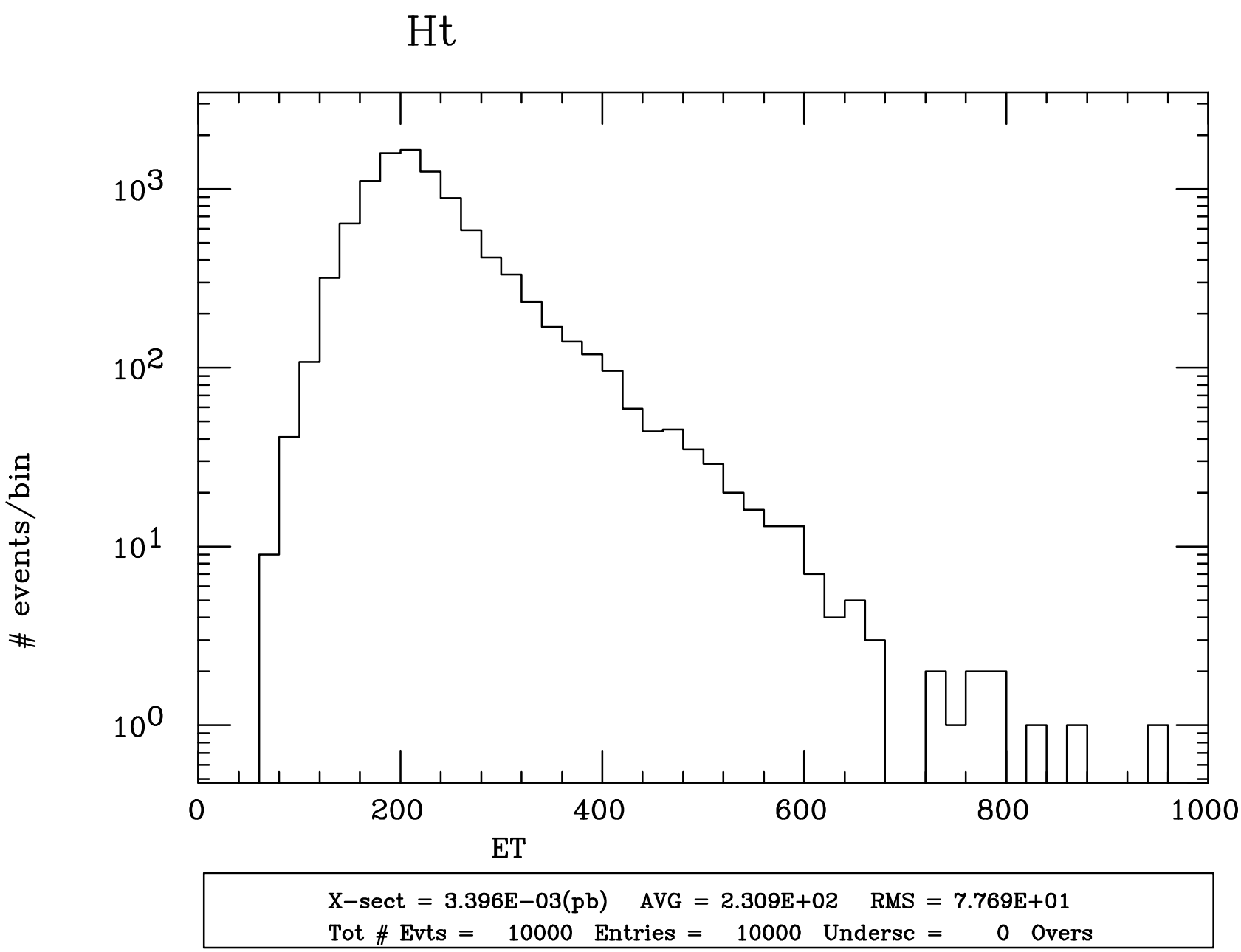

b
20000
10000
9000
8000
7000
6000
5000
events/bin
0
2
4
6
8
10
particles
X-sect = 3.396E-03(pb) AVG = 2.000E+00 RMS = 0.000E+00
Tot # Evts = 10000 Entries = 10000 Undersc = 0 Overs

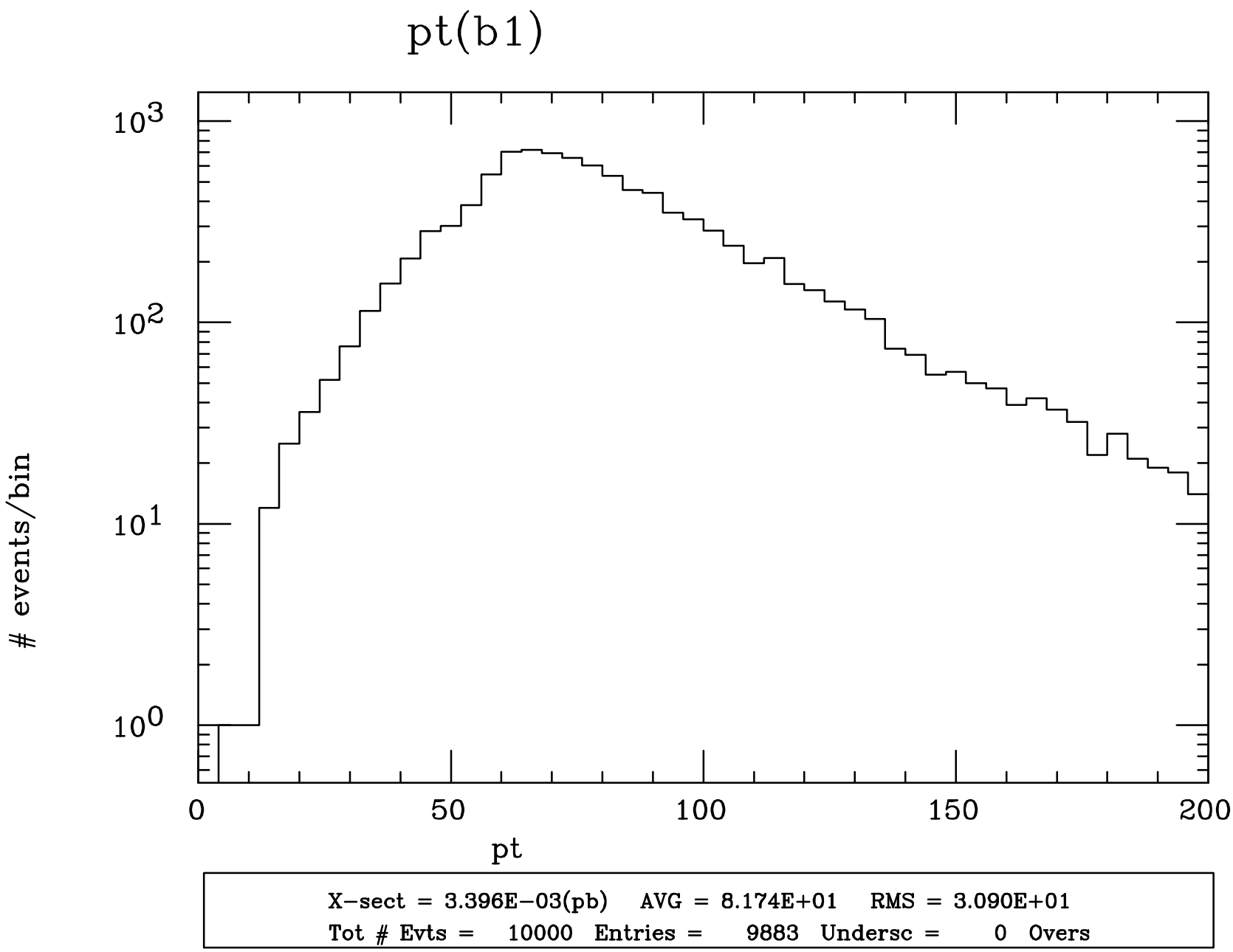

mu+
10000
9000
8000
7000
6000
5000
4000
3000
events/bin
0
2
4
6
8
10
particles
X-sect = 3.396E-03(pb) AVG = 5.000E-01 RMS = 5.000E-01
Tot # Evts = 10000 Entries = 10000 Undersc = 0 Overs

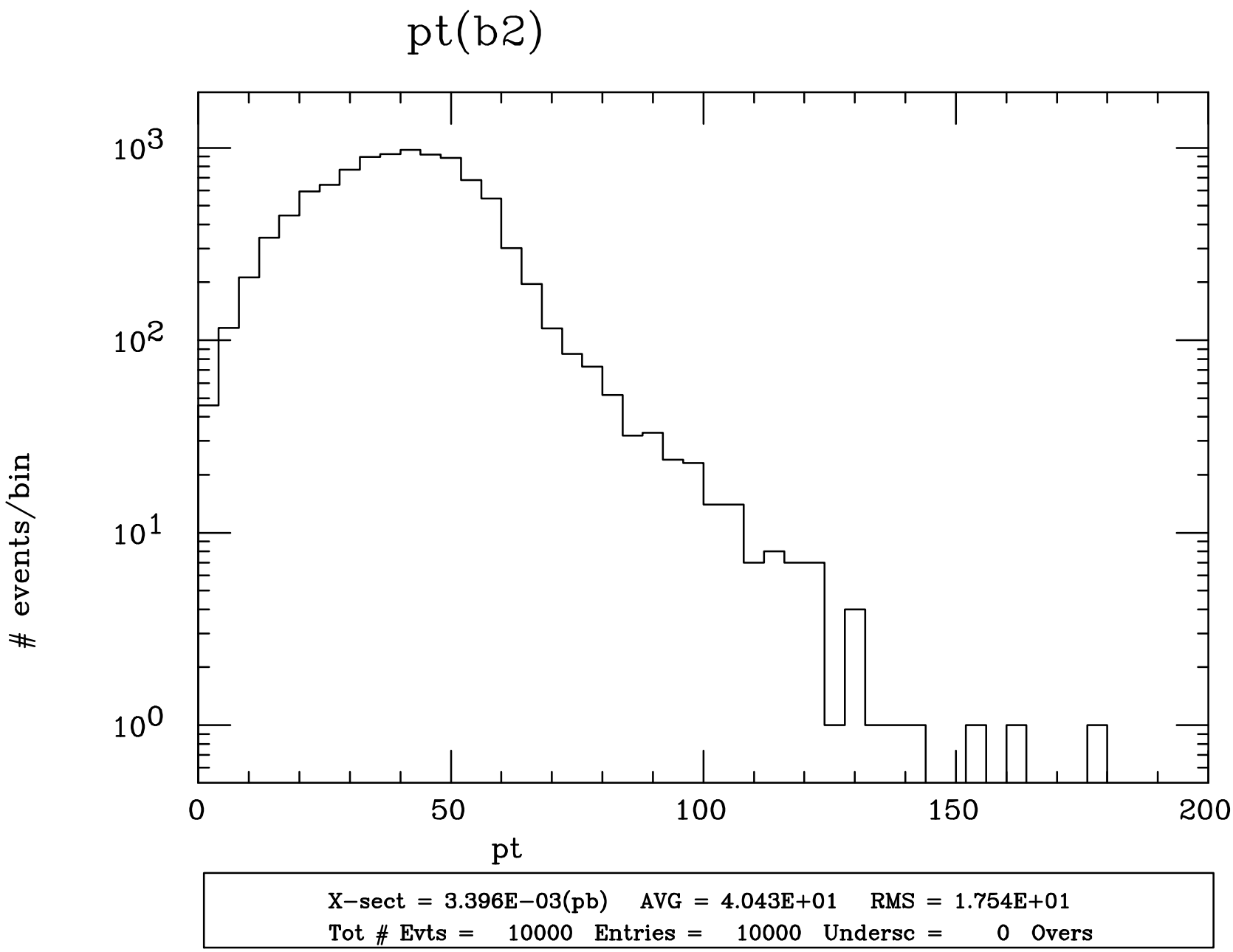

mu−
10000
9000
8000
7000
6000
5000
4000
3000
events/bin
0
2
4
6
8
10
particles
X−sect = 3.396E−03(pb) AVG = 5.000E−01 RMS = 5.000E−01
Tot # Evts = 10000 Entries = 10000 Undersc = 0 Overs

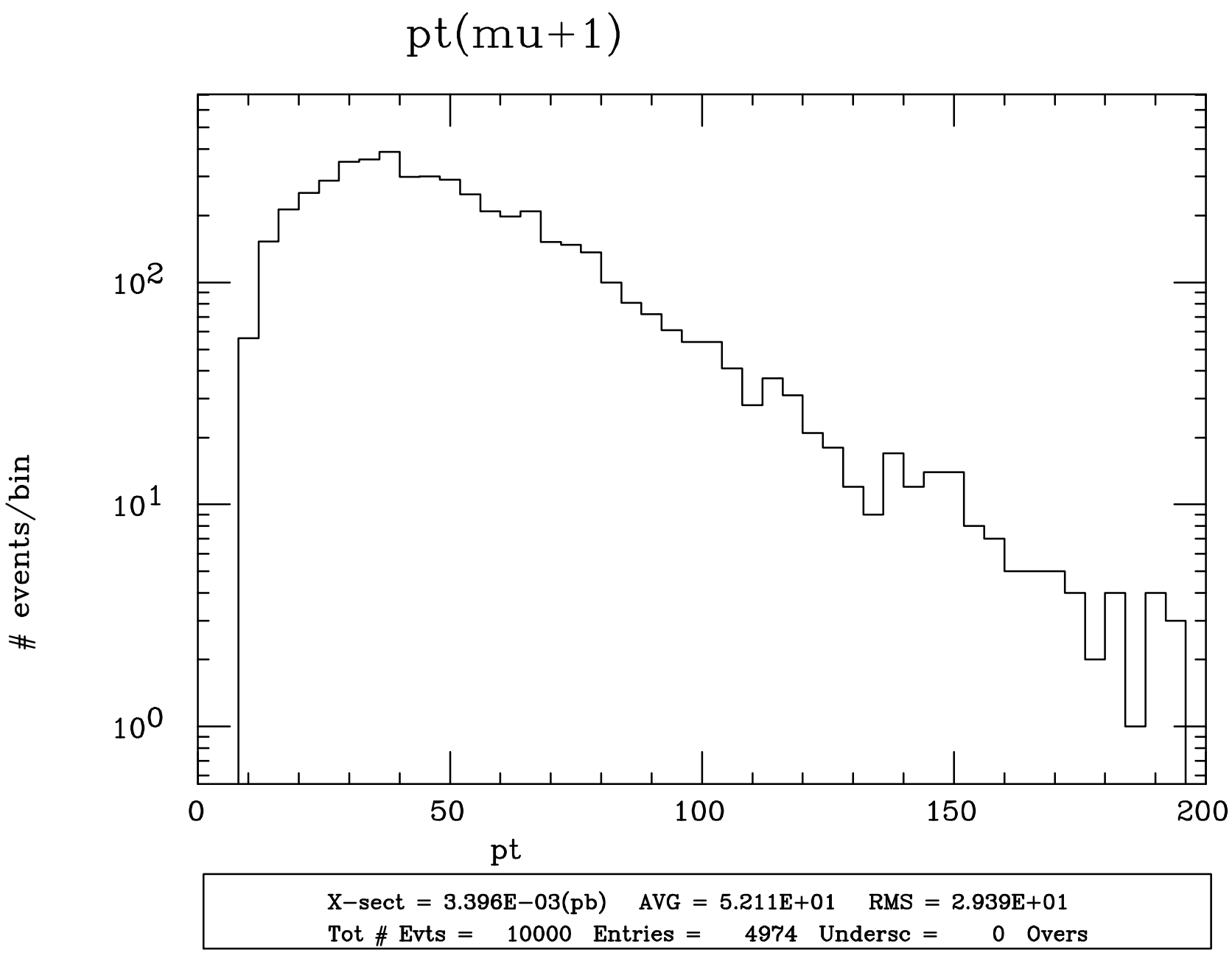

e+
10000
9000
8000
7000
6000
5000
4000
3000
events/bin
0
2
4
6
8
10
particles
X-sect = 3.396E-03(pb) AVG = 5.000E-01 RMS = 5.000E-01
Tot # Evts = 10000 Entries = 10000 Undersc = 0 Overs

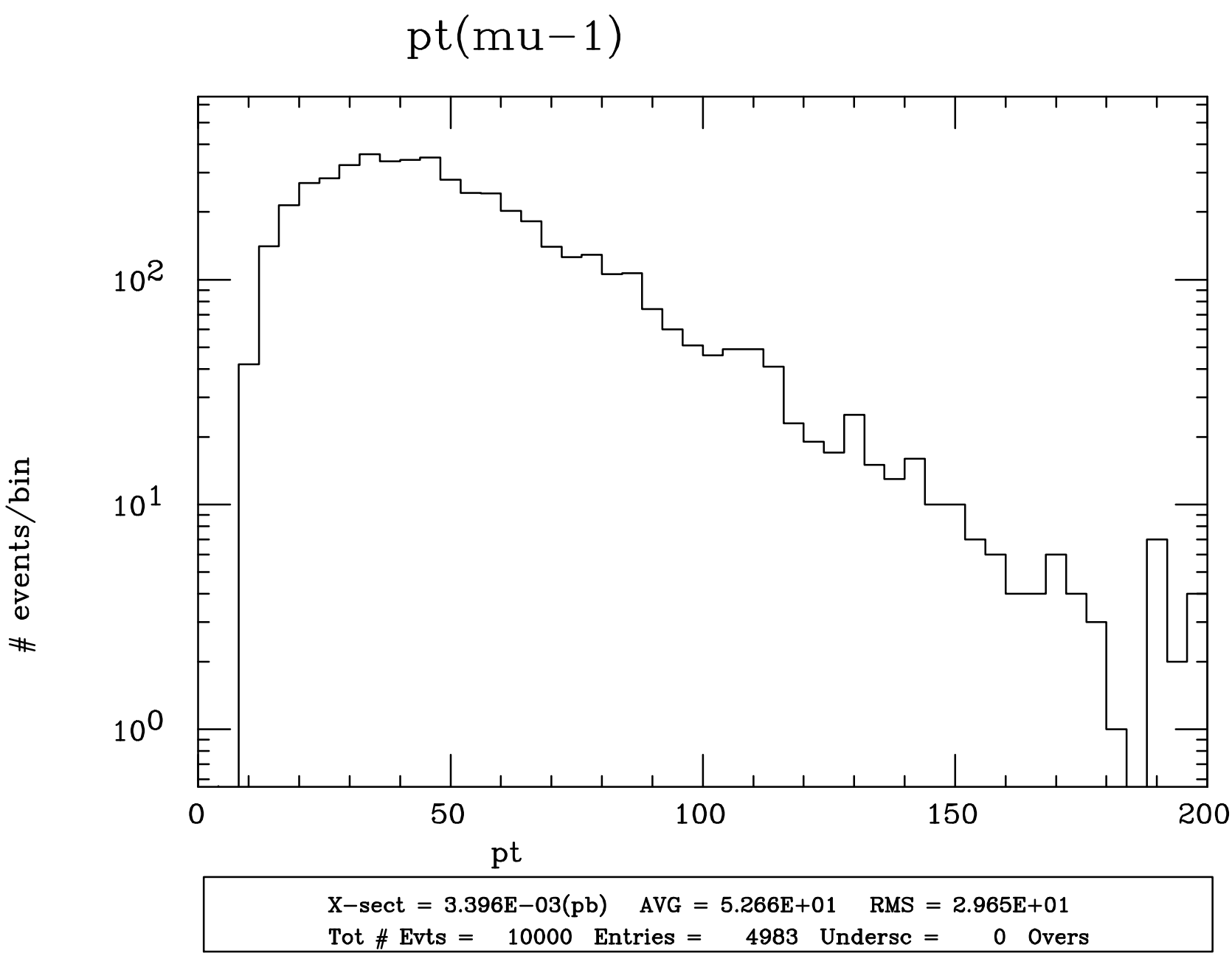

e−
10000
9000
8000
7000
6000
5000
4000
3000
events/bin
0
2
4
6
8
10
particles
X−sect = 3.396E−03(pb) AVG = 5.000E−01 RMS = 5.000E−01
Tot # Evts = 10000 Entries = 10000 Undersc = 0 Overs

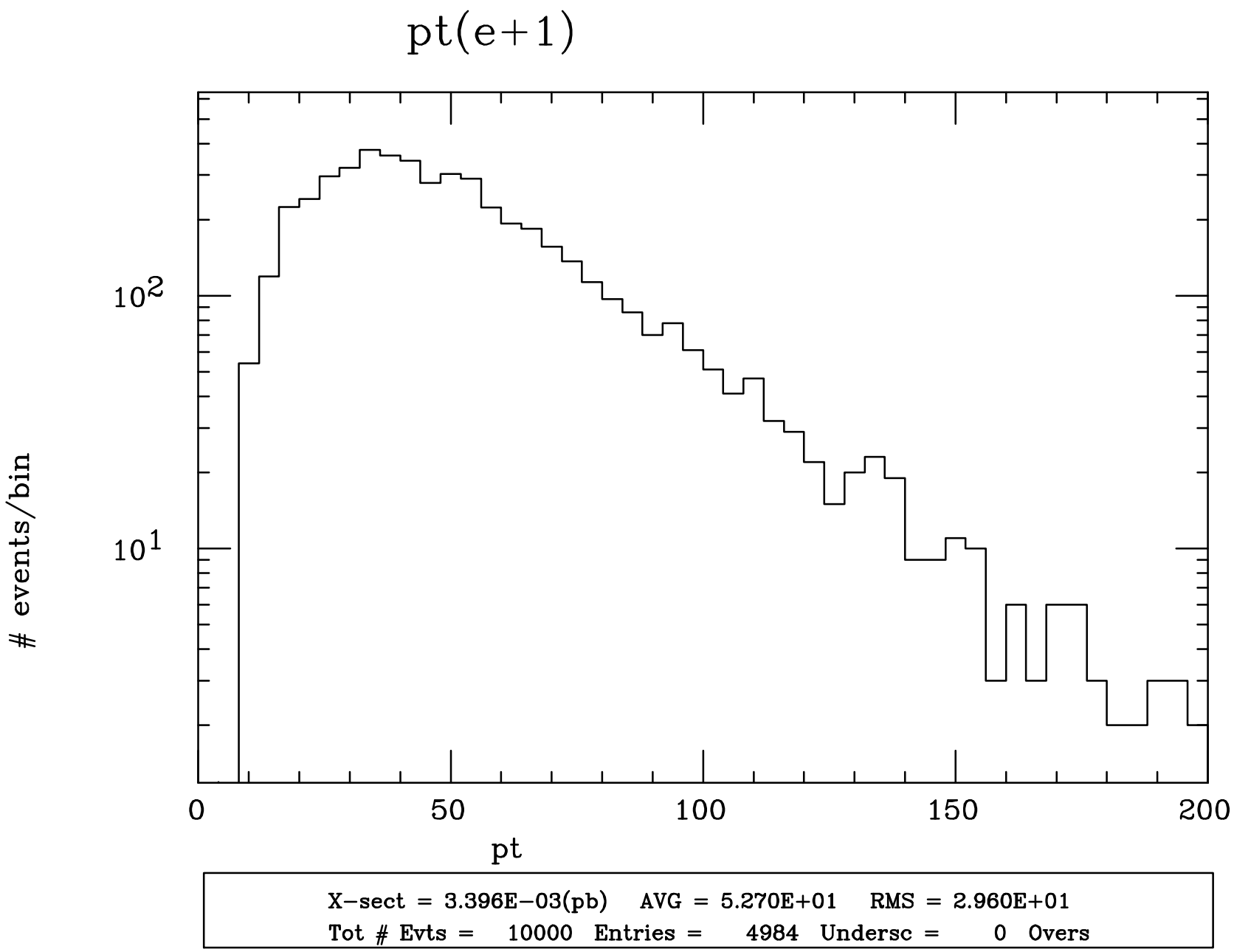

Ht
events/bin
10^3
10^2
10^1
10^0
0
200
400
600
800
1000
ET
X-sect = 3.396E-03(pb) AVG = 2.309E+02 RMS = 7.769E+01
Tot # Evts = 10000 Entries = 10000 Undersc = 0 Overs

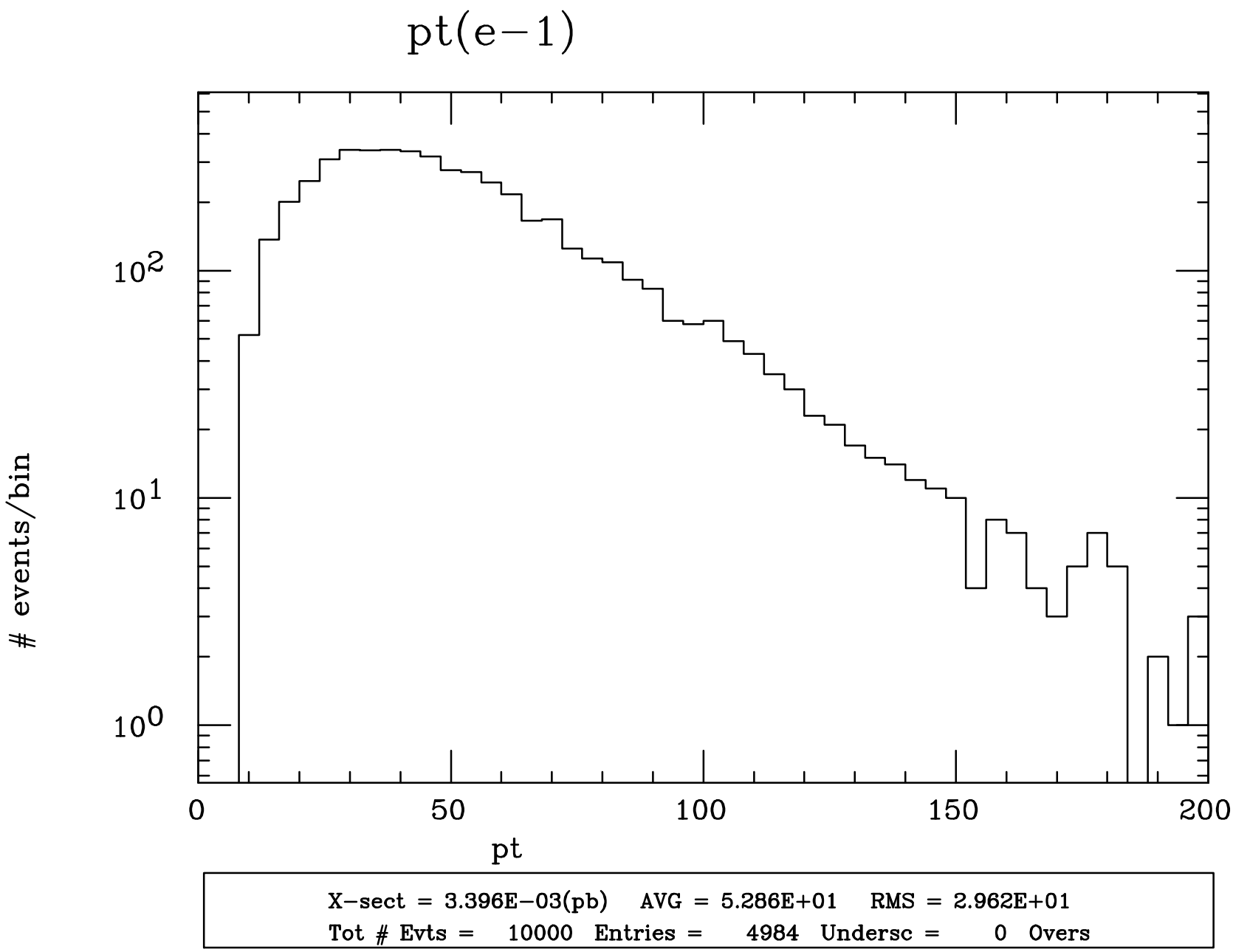

pt(b1)
10^3
10^2
10^1
10^0
events/bin
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 8.174E+01 RMS = 3.090E+01
Tot # Evts = 10000 Entries = 9883 Undersc = 0 Overs

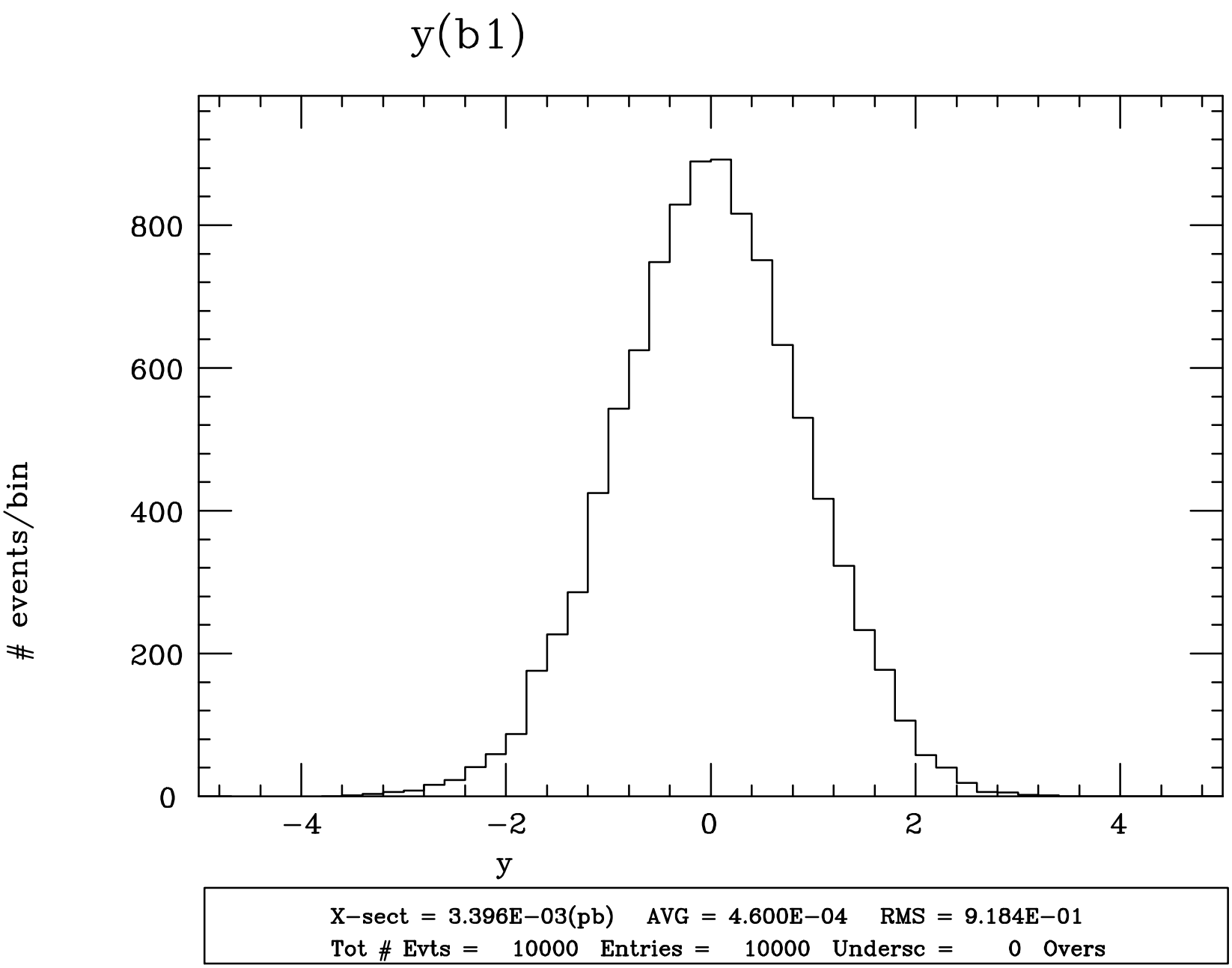

pt(b2)
# events/bin
10^3
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 4.043E+01 RMS = 1.754E+01
Tot # Evts = 10000 Entries = 10000 Undersc = 0 Overs

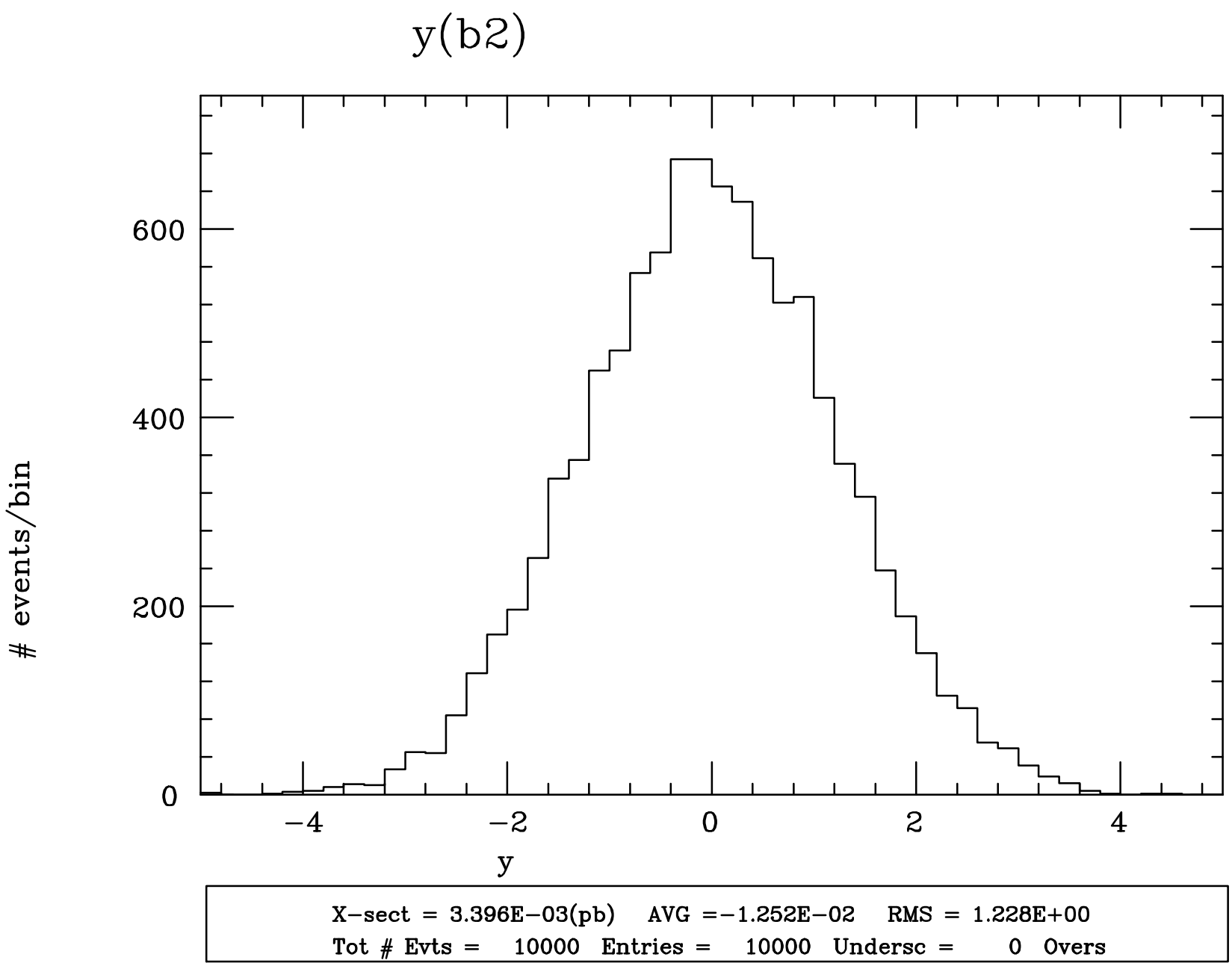

pt(mu+1)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 5.211E+01 RMS = 2.939E+01
Tot # Evts = 10000 Entries = 4974 Undersc = 0 Overs

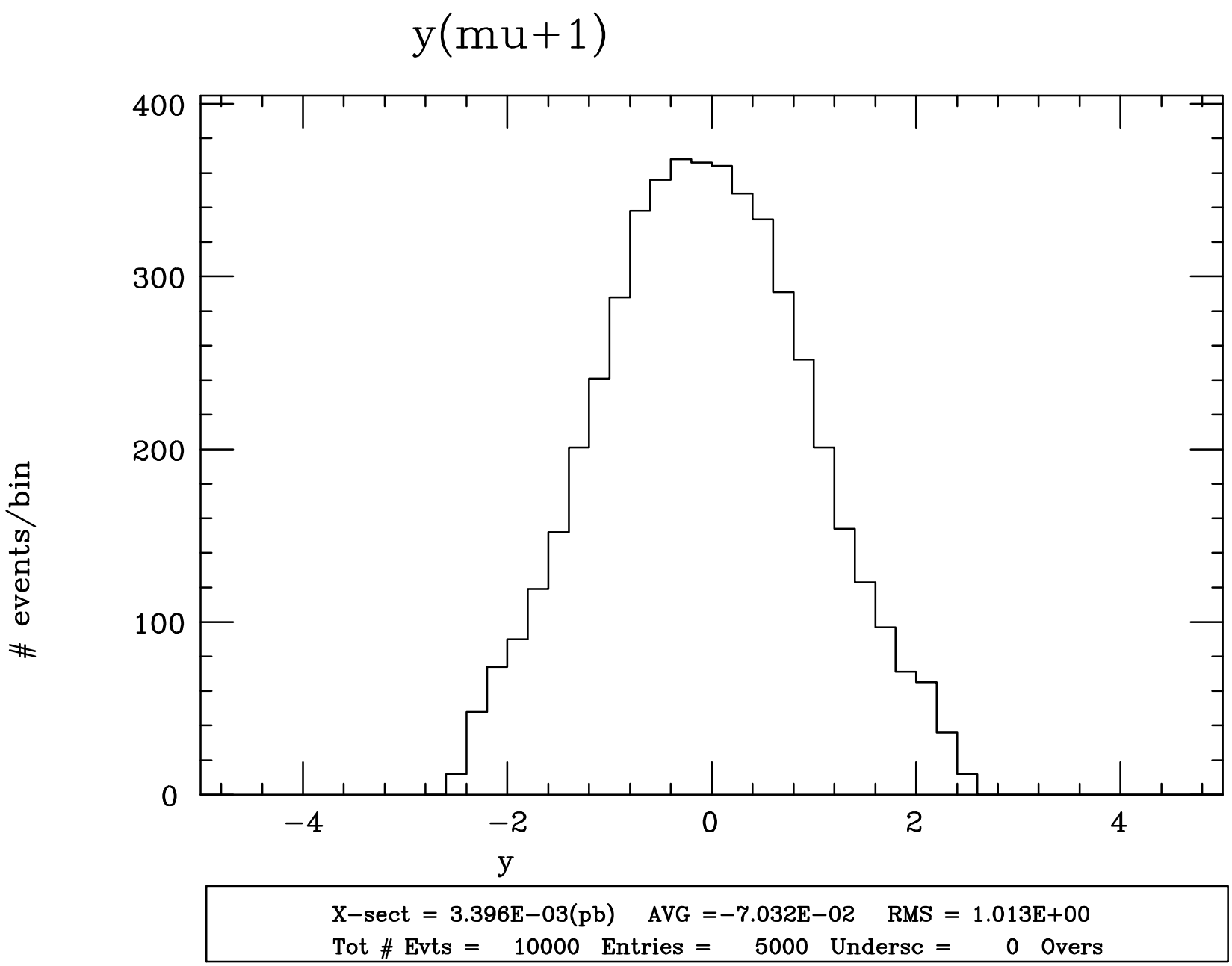

pt(mu-1)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 5.266E+01 RMS = 2.965E+01
Tot # Evts = 10000 Entries = 4983 Undersc = 0 Overs

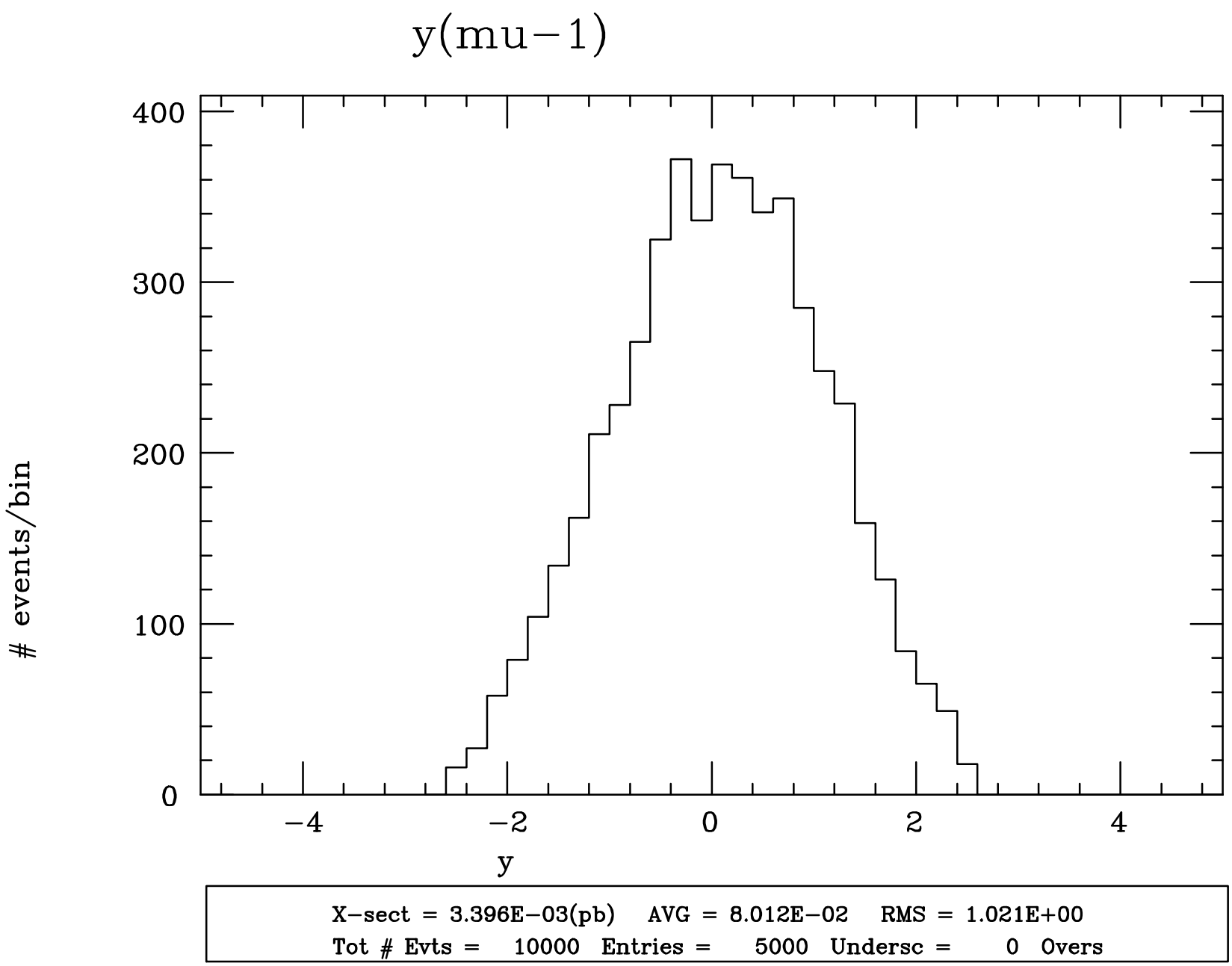

pt(e+1)
# events/bin
10^2
10^1
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 5.270E+01 RMS = 2.960E+01
Tot # Evts = 10000 Entries = 4984 Undersc = 0 Overs

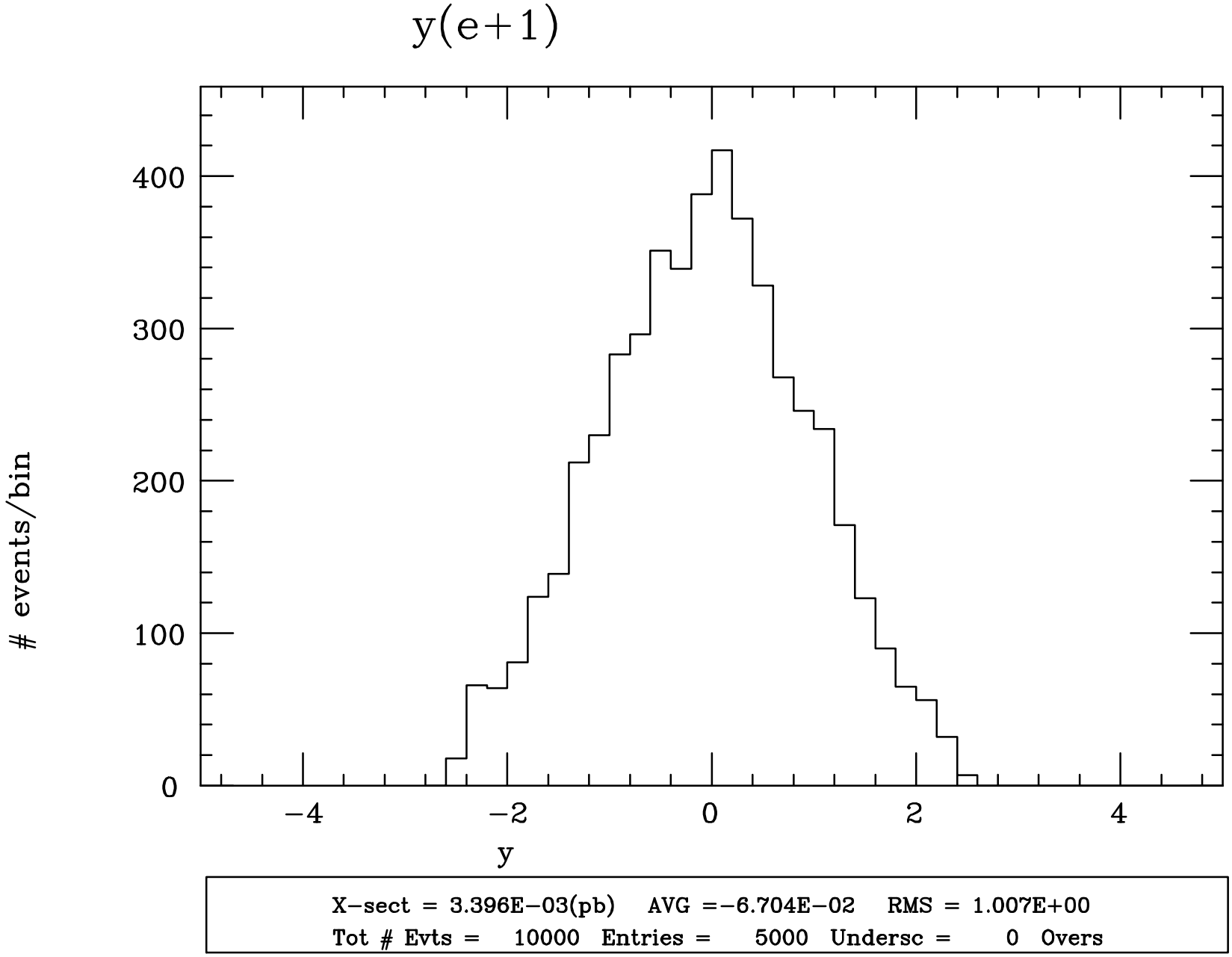

pt(e-1)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 5.286E+01 RMS = 2.962E+01
Tot # Evts = 10000 Entries = 4984 Undersc = 0 Overs

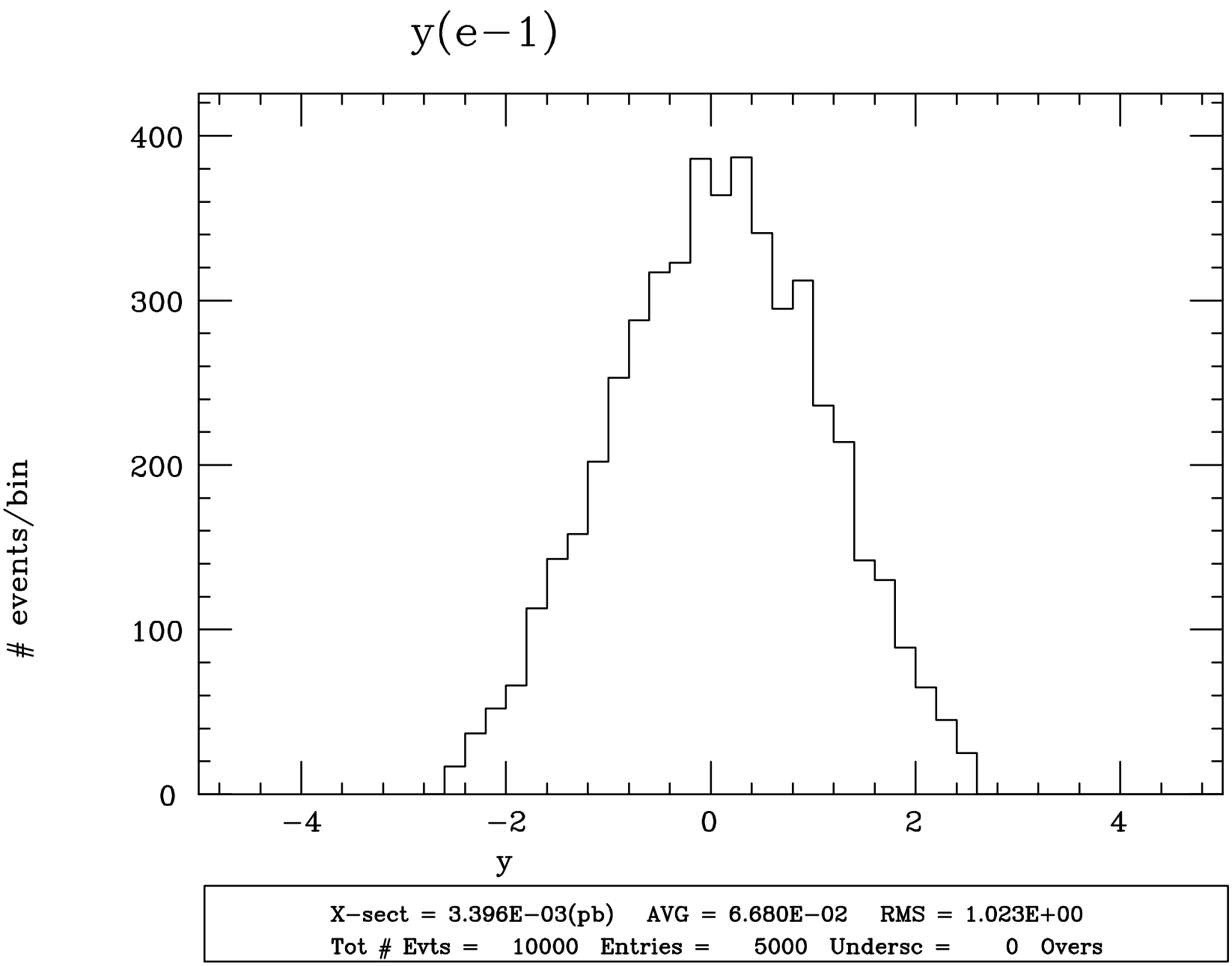

y(b1)
# events/bin
800
600
400
200
0
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG = 4.600E−04 RMS = 9.184E−01
Tot # Evts = 10000 Entries = 10000 Undersc = 0 Overs

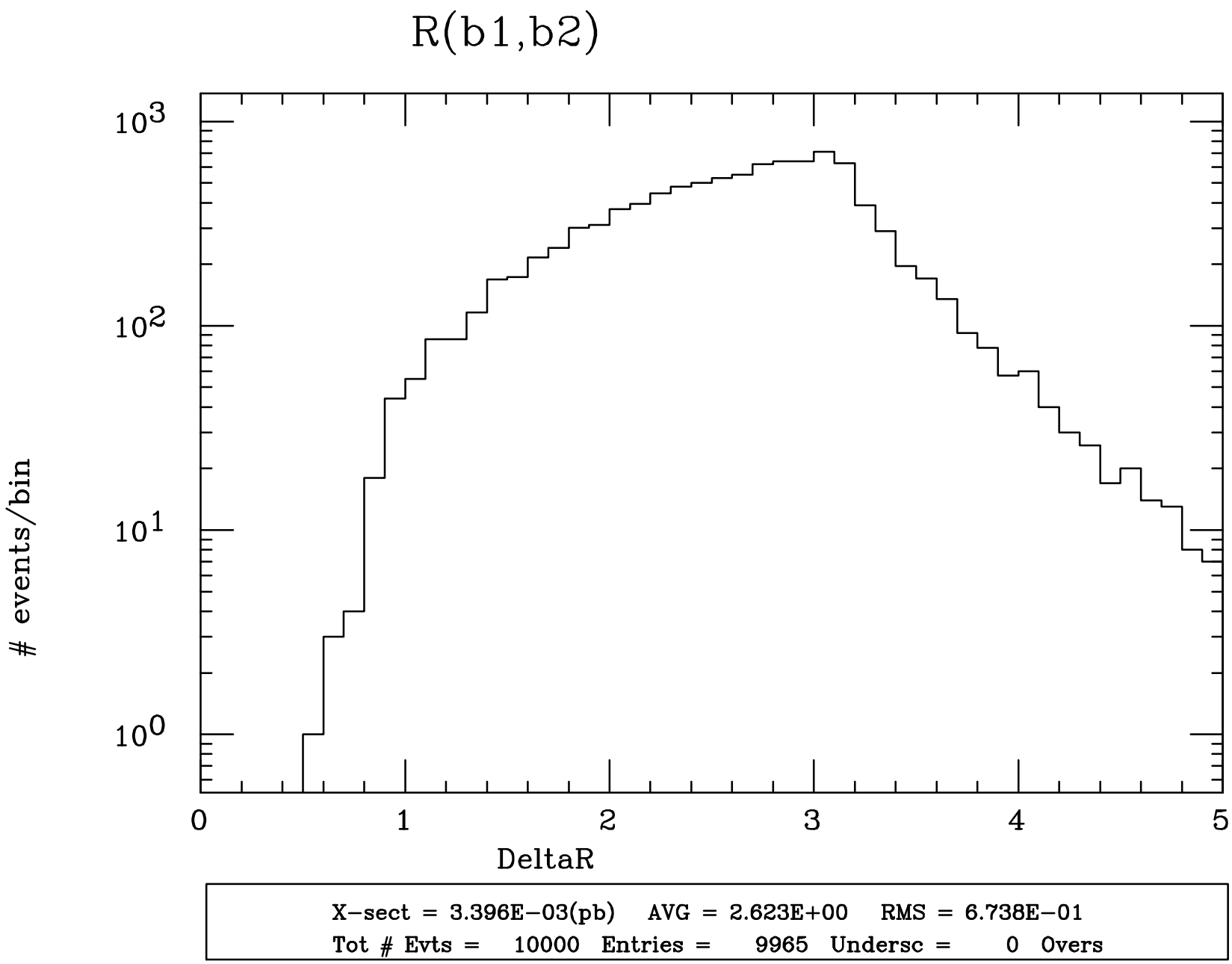

y(b2)
# events/bin
600
400
200
0
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG =−1.252E−02 RMS = 1.228E+00
Tot # Evts = 10000 Entries = 10000 Undersc = 0 Overs

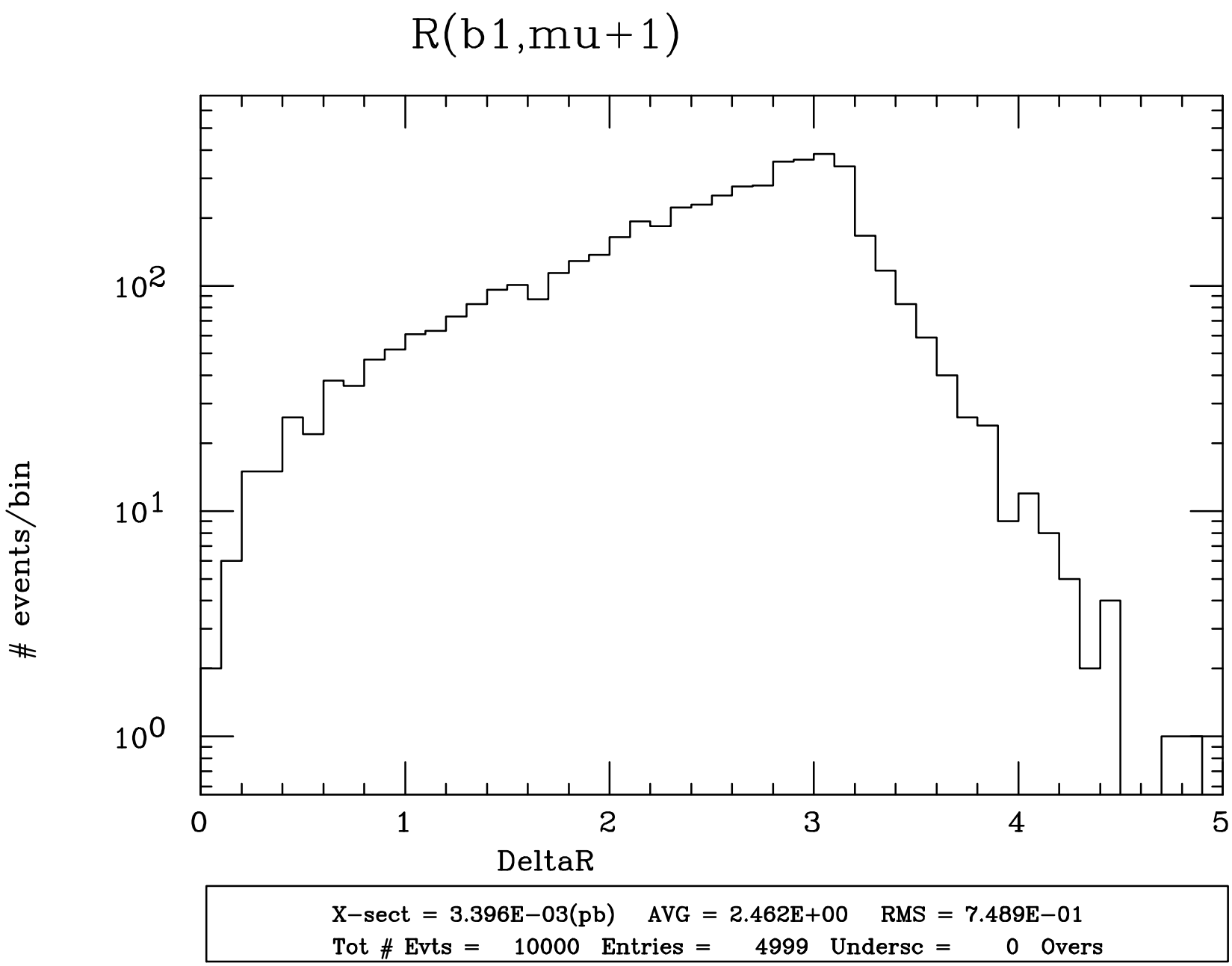

y(mu+1)
400
300
200
100
0
events/bin
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG =−7.032E−02 RMS = 1.013E+00
Tot # Evts = 10000 Entries = 5000 Undersc = 0 Overs

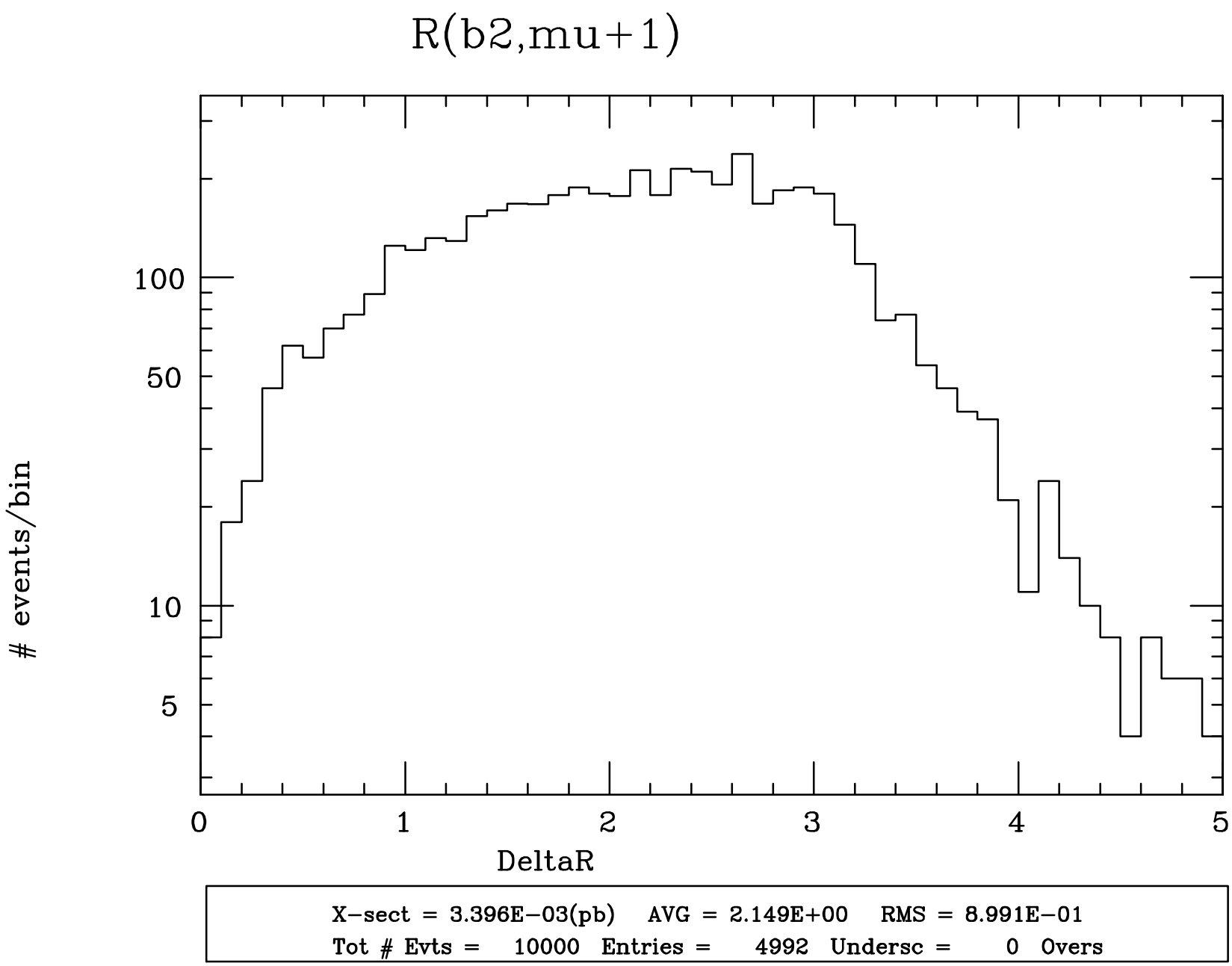

y(mu−1)
400
300
200
100
0
−4
−2
0
2
4
y
events/bin
X−sect = 3.396E−03(pb) AVG = 8.012E−02 RMS = 1.021E+00
Tot # Evts = 10000 Entries = 5000 Undersc = 0 Overs

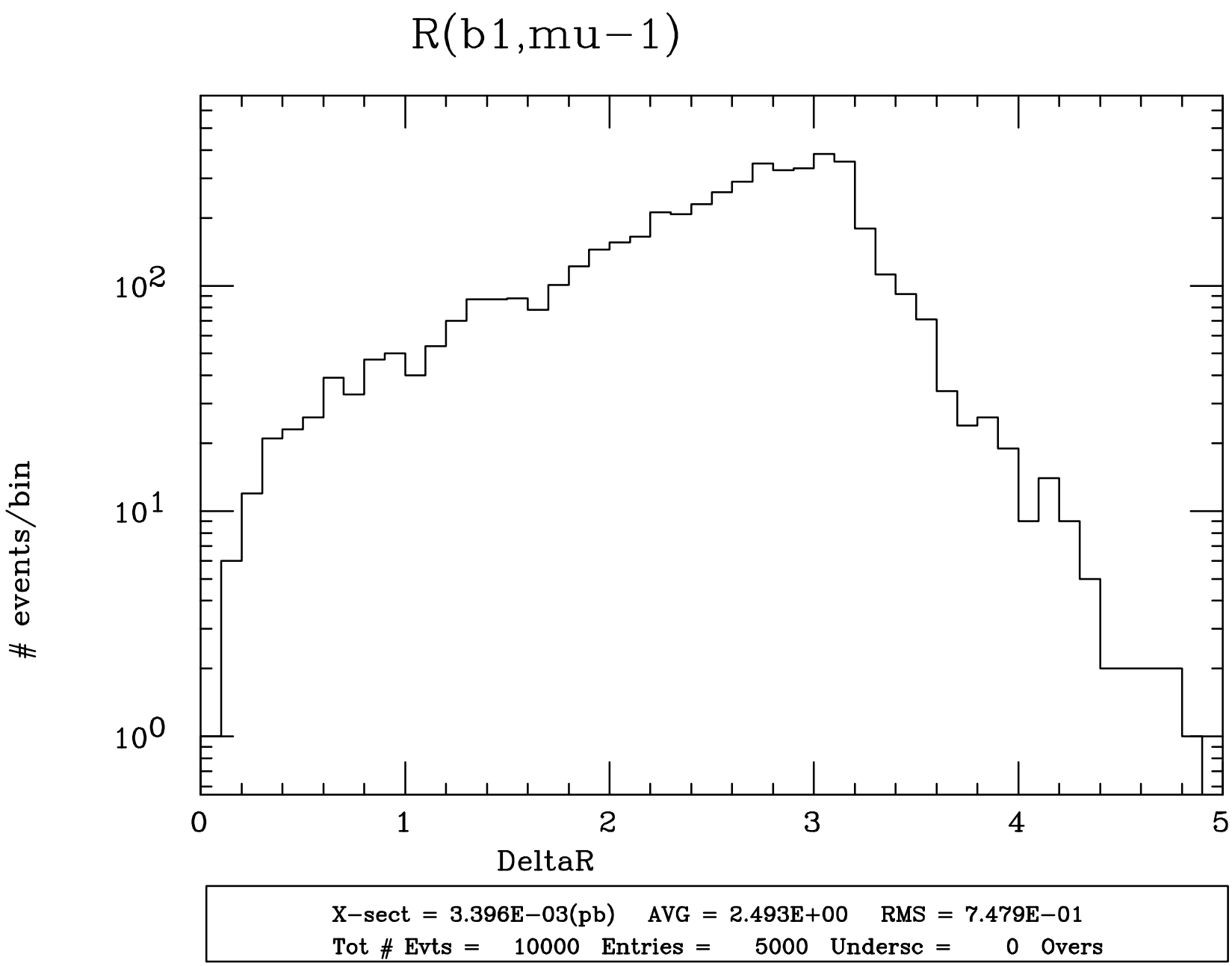

y(e+1)
# events/bin
400
300
200
100
0
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG =−6.704E−02 RMS = 1.007E+00
Tot # Evts = 10000 Entries = 5000 Undersc = 0 Overs

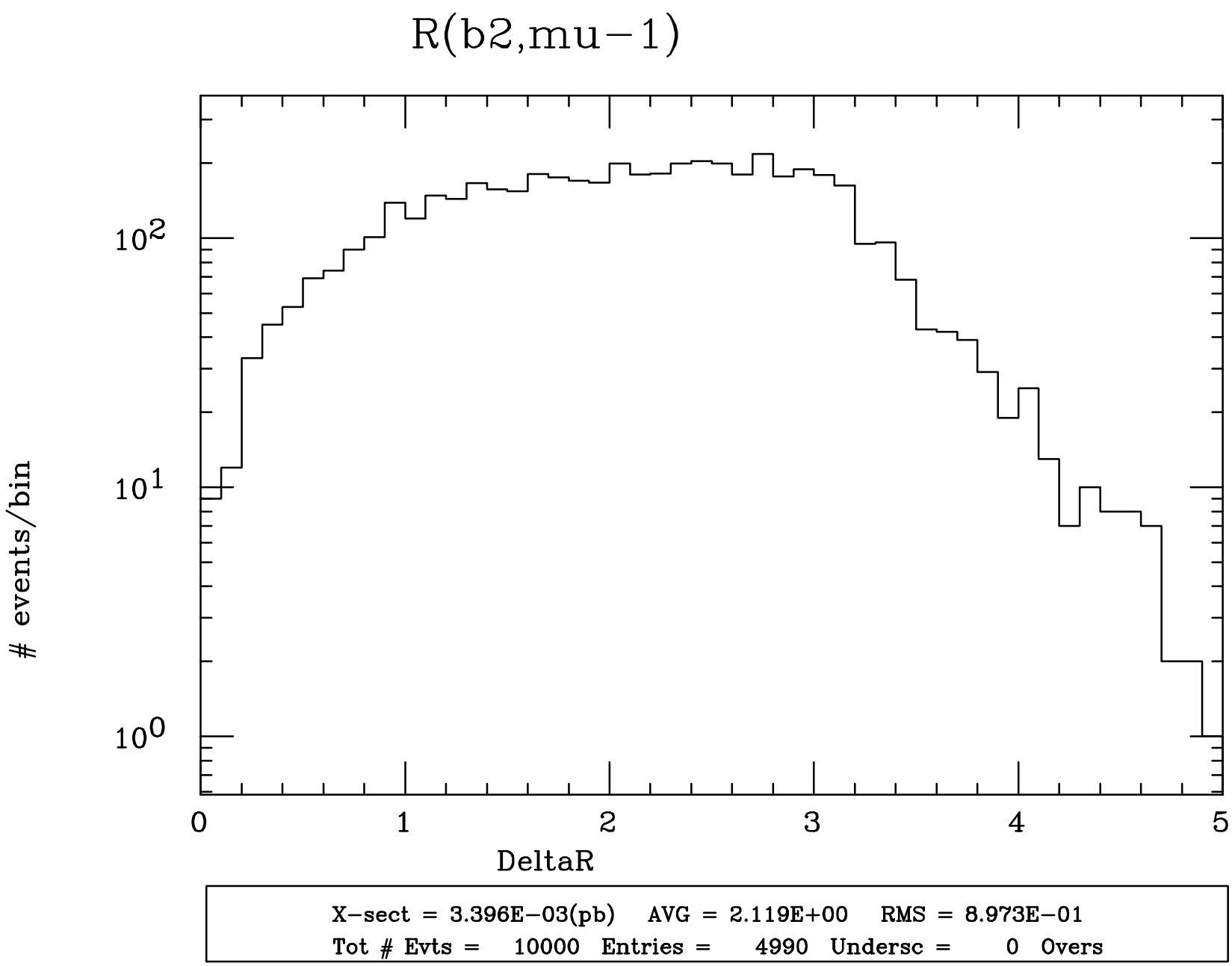

y(e−1)
400
300
200
100
0
−4
−2
0
2
4
y
events/bin
X−sect = 3.396E−03(pb) AVG = 6.680E−02 RMS = 1.023E+00
Tot # Evts = 10000 Entries = 5000 Undersc = 0 Overs

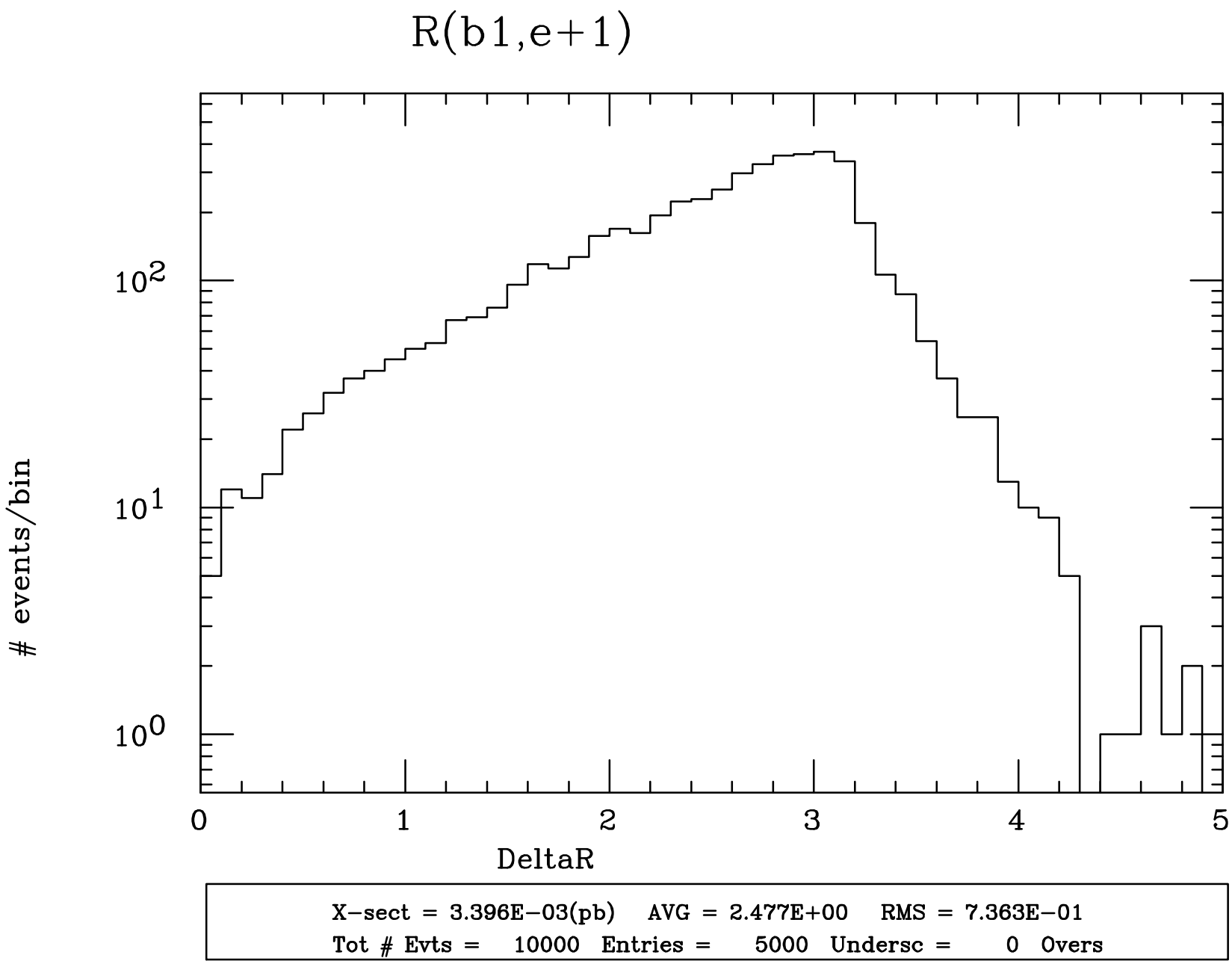

R(b1,b2)
10^3
10^2
10^1
10^0
events/bin
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.623E+00 RMS = 6.738E-01
Tot # Evts = 10000 Entries = 9965 Undersc = 0 Overs

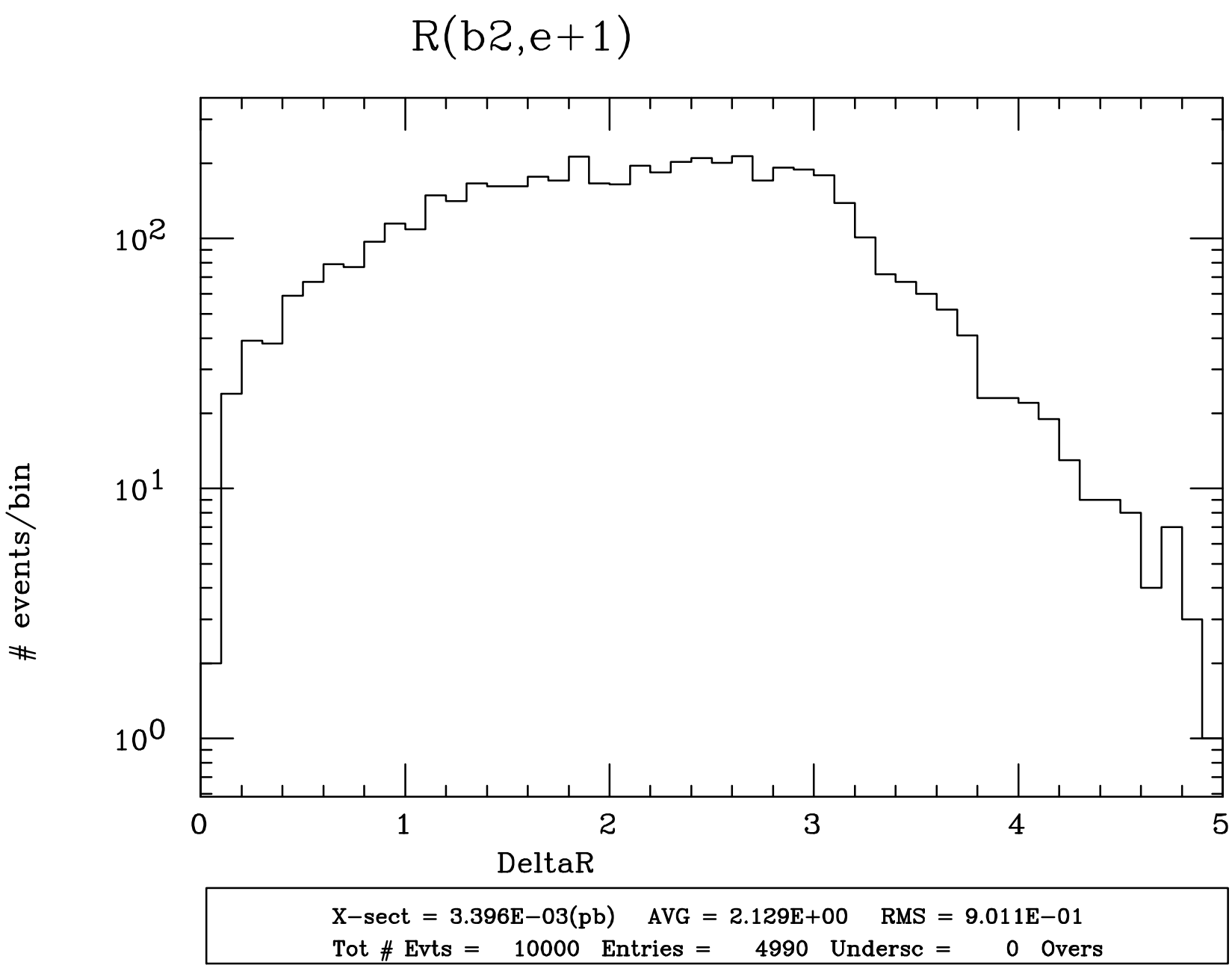

R(b1,mu+1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.462E+00 RMS = 7.489E-01
Tot # Evts = 10000 Entries = 4999 Undersc = 0 Overs

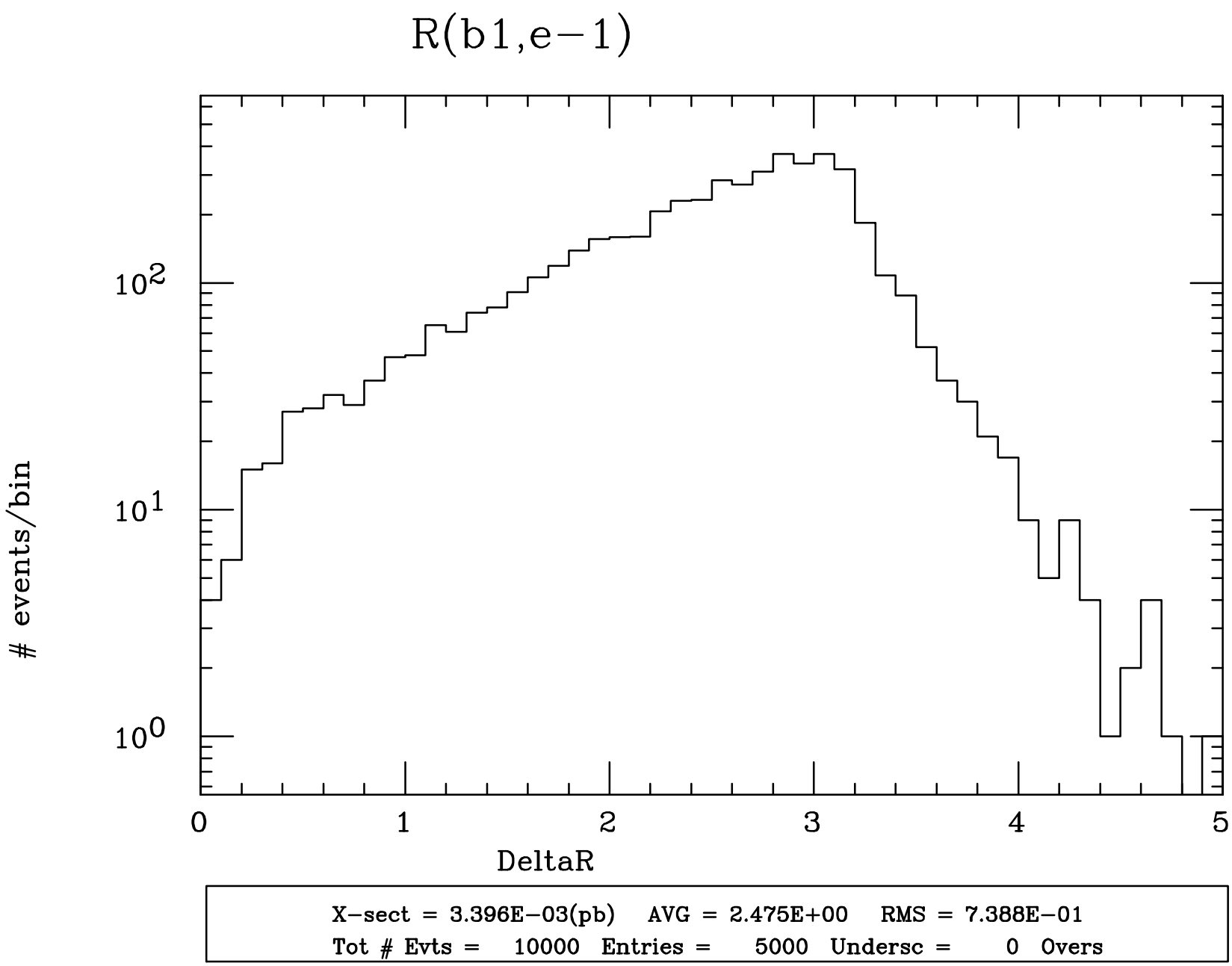

R(b2,mu+1)
# events/bin
100
50
10
5
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.149E+00 RMS = 8.991E-01
Tot # Evts = 10000 Entries = 4992 Undersc = 0 Overs

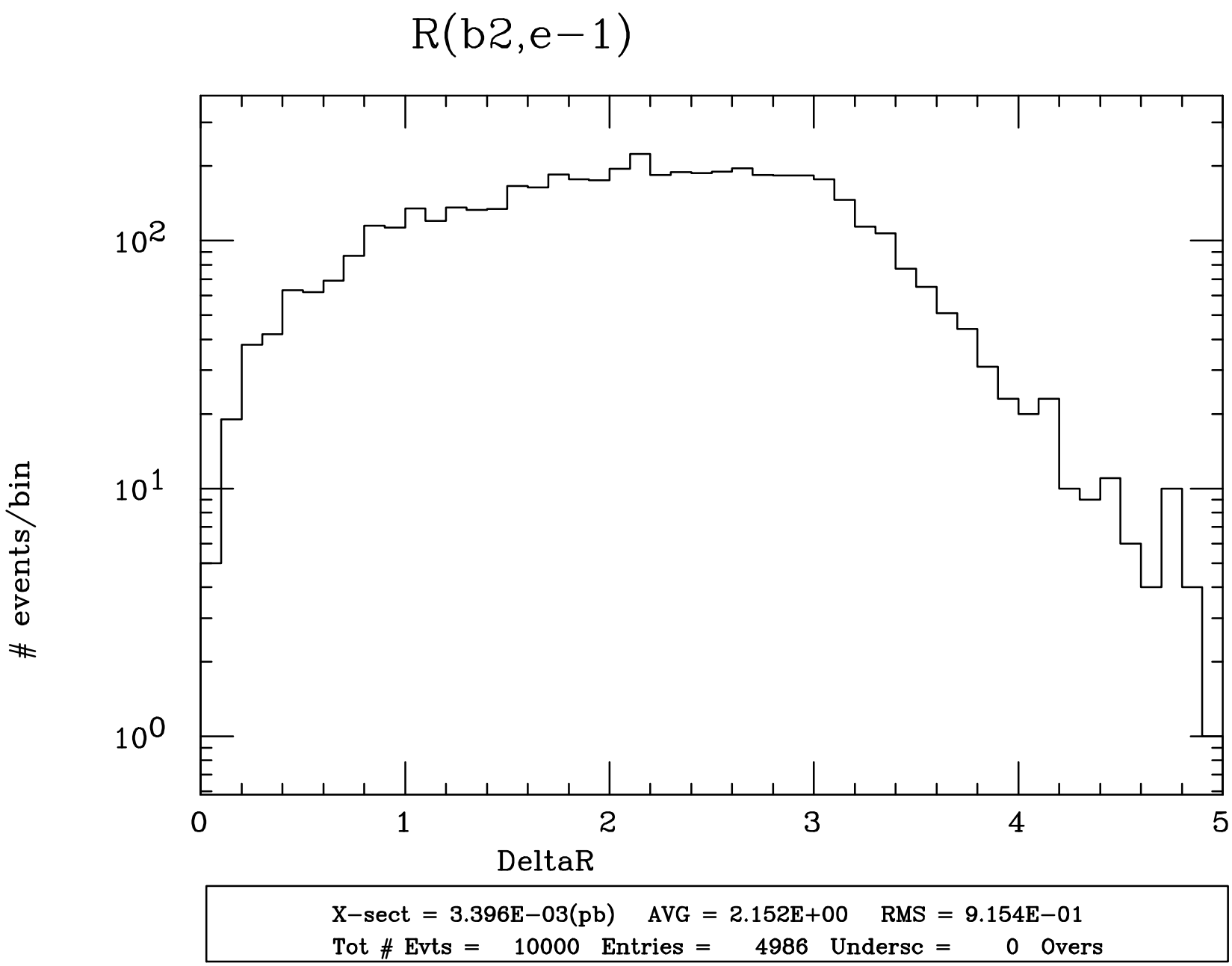

R(b1,mu−1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 2.493E+00 RMS = 7.479E−01
Tot # Evts = 10000 Entries = 5000 Undersc = 0 Overs

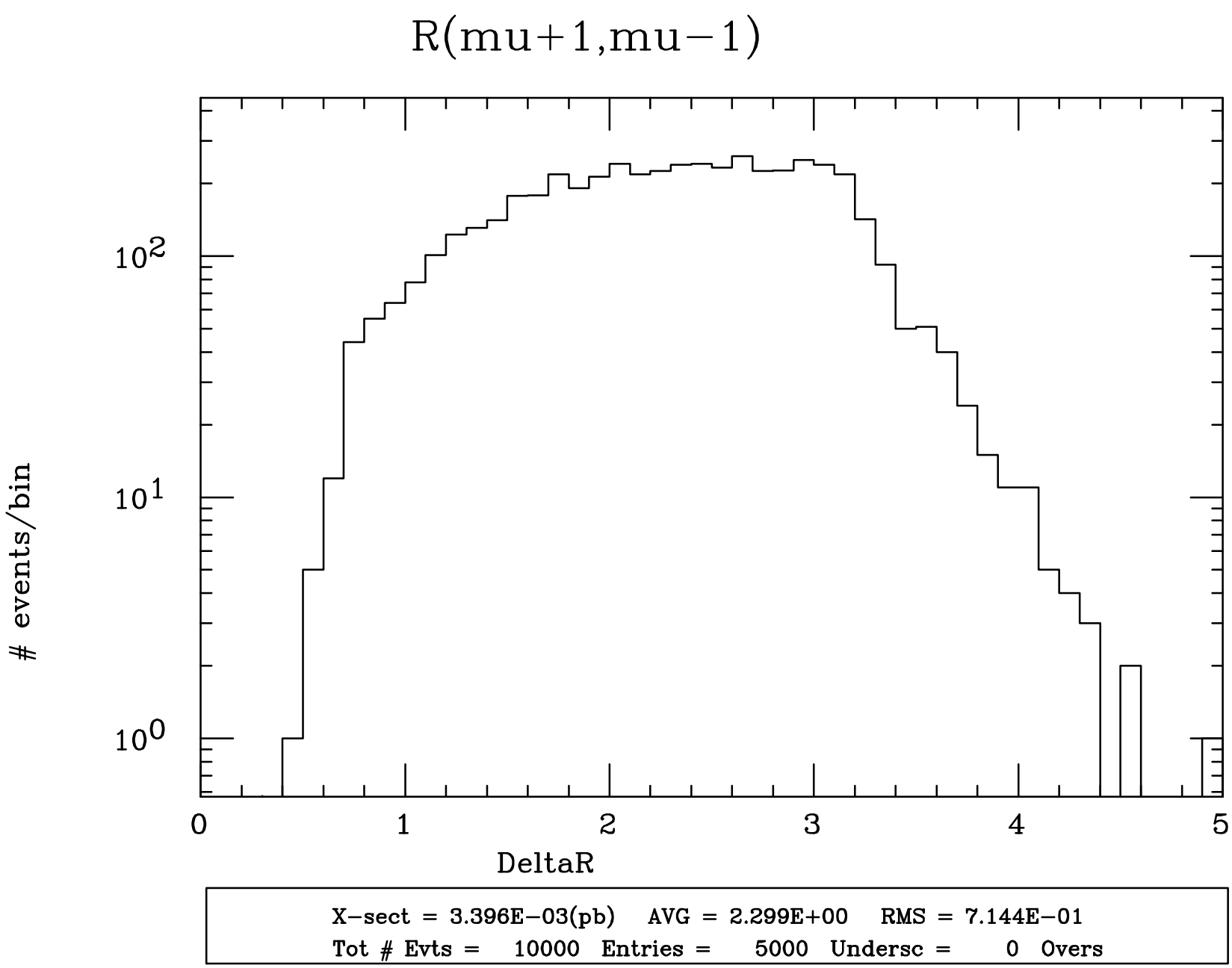

R(b2,mu-1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.119E+00 RMS = 8.973E-01
Tot # Evts = 10000 Entries = 4990 Undersc = 0 Overs

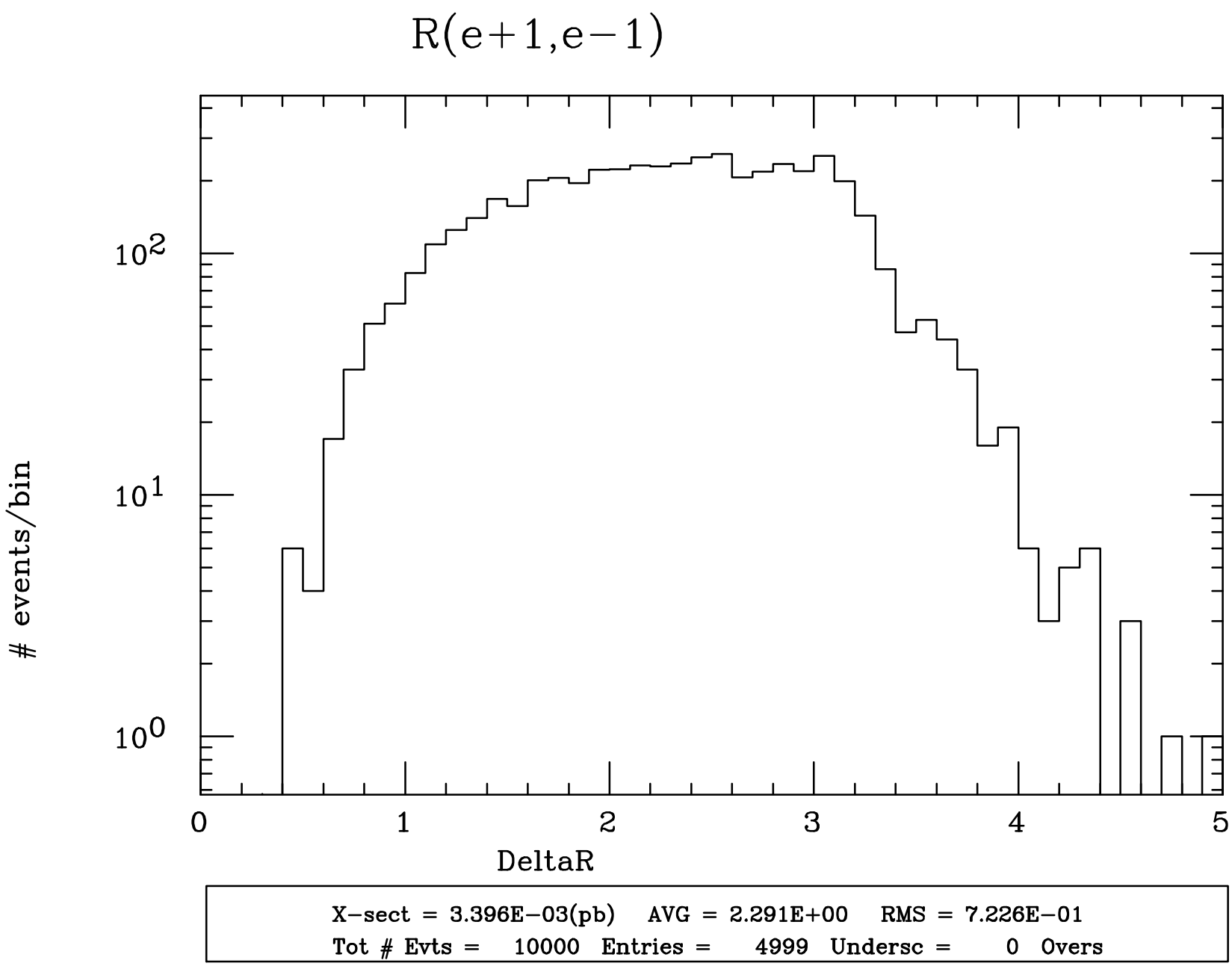

R(b1,e+1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.477E+00 RMS = 7.363E-01
Tot # Evts = 10000 Entries = 5000 Undersc = 0 Overs

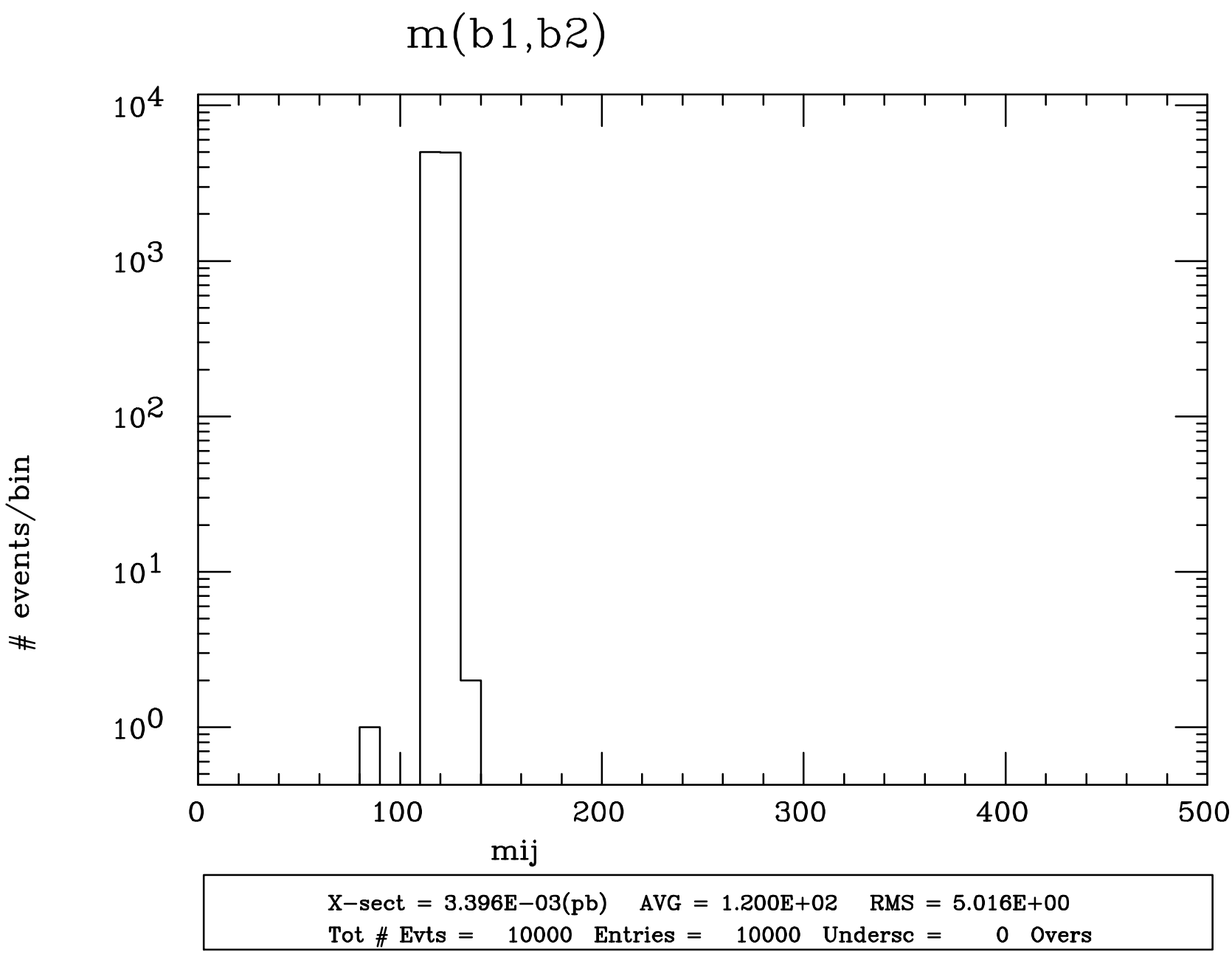

R(b2,e+1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.129E+00 RMS = 9.011E-01
Tot # Evts = 10000 Entries = 4990 Undersc = 0 Overs

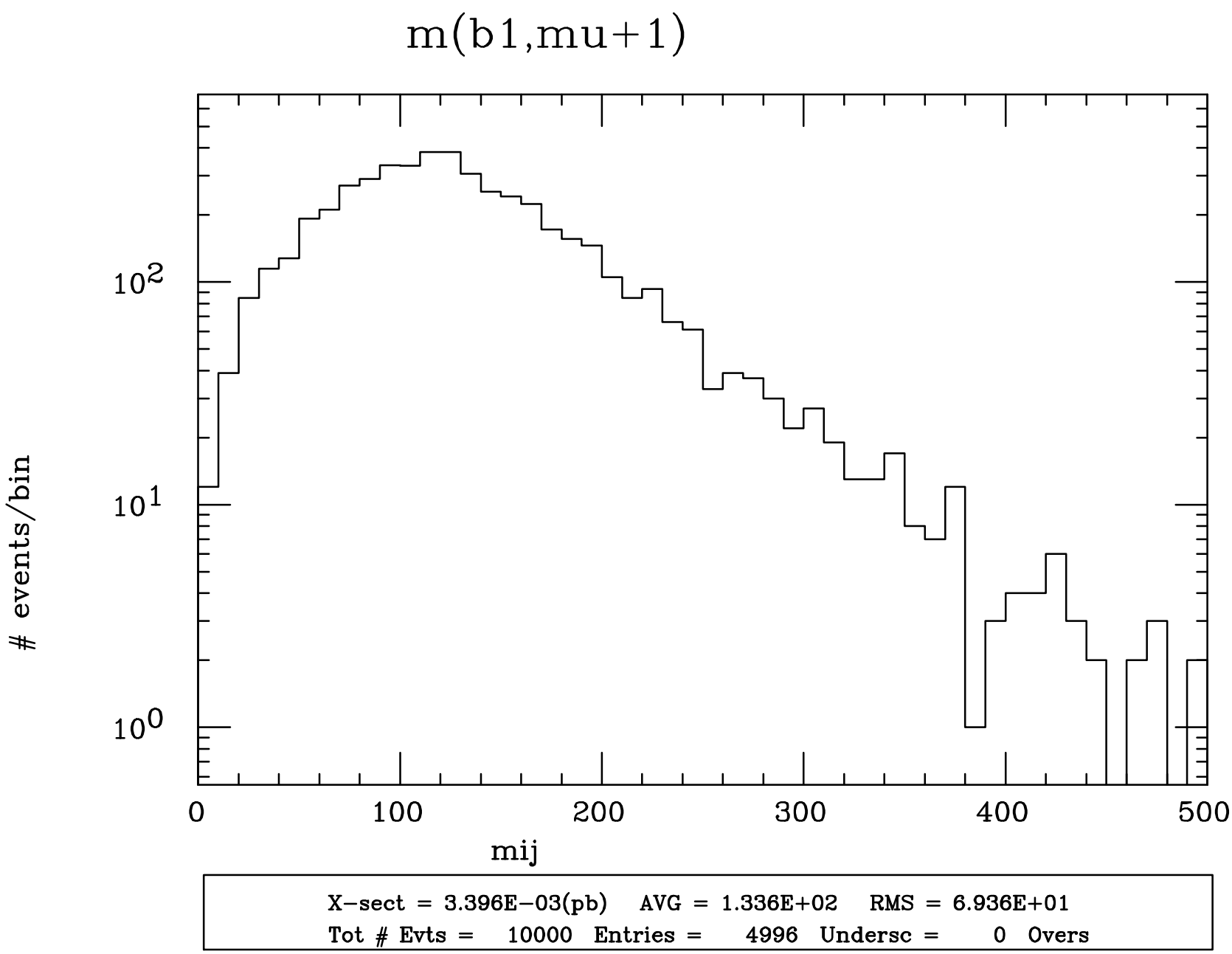

R(b1,e−1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 2.475E+00 RMS = 7.388E−01
Tot # Evts = 10000 Entries = 5000 Undersc = 0 Overs

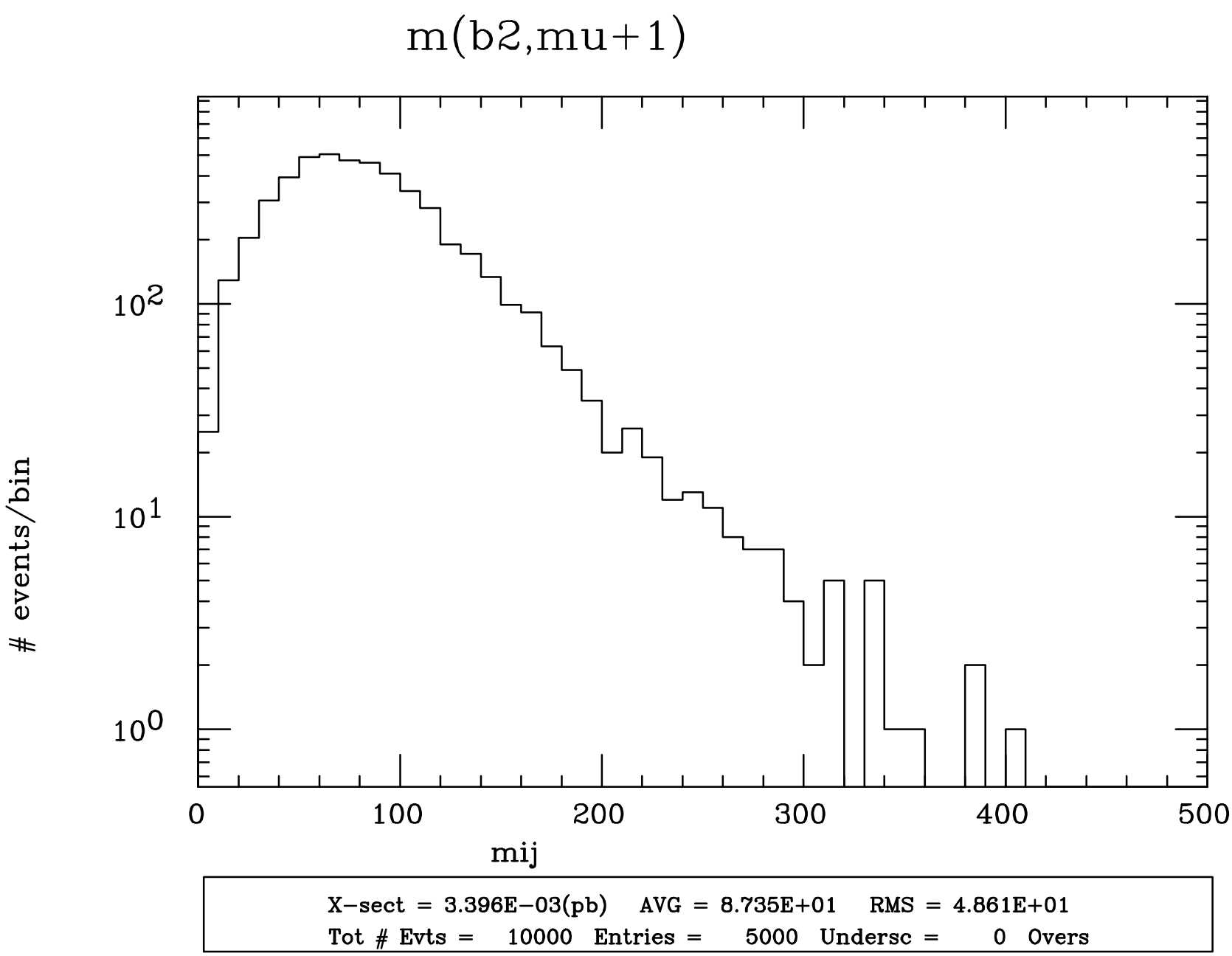

R(b2,e−1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 2.152E+00 RMS = 9.154E−01
Tot # Evts = 10000 Entries = 4986 Undersc = 0 Overs

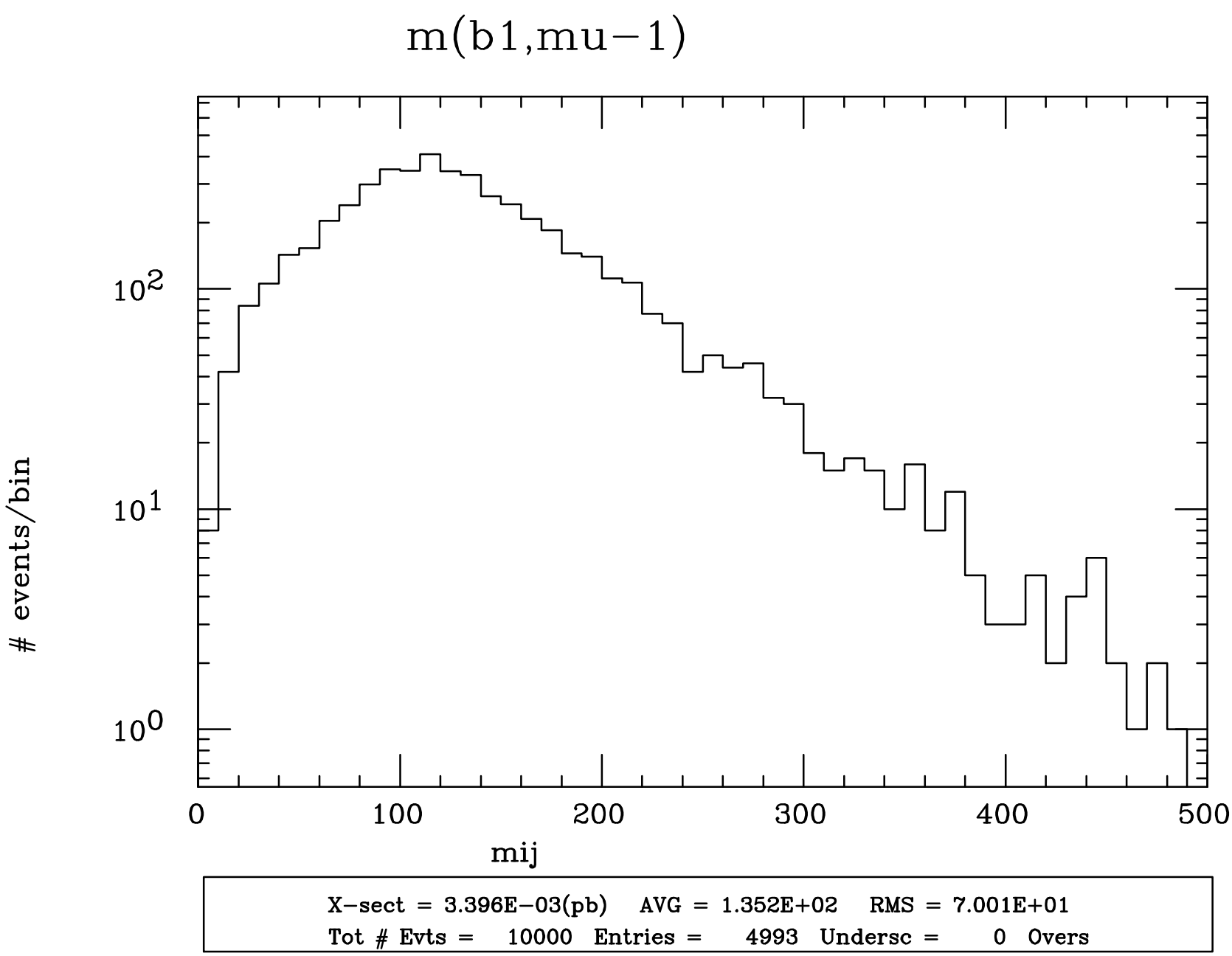

R(mu+1,mu−1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 2.299E+00 RMS = 7.144E−01
Tot # Evts = 10000 Entries = 5000 Undersc = 0 Overs

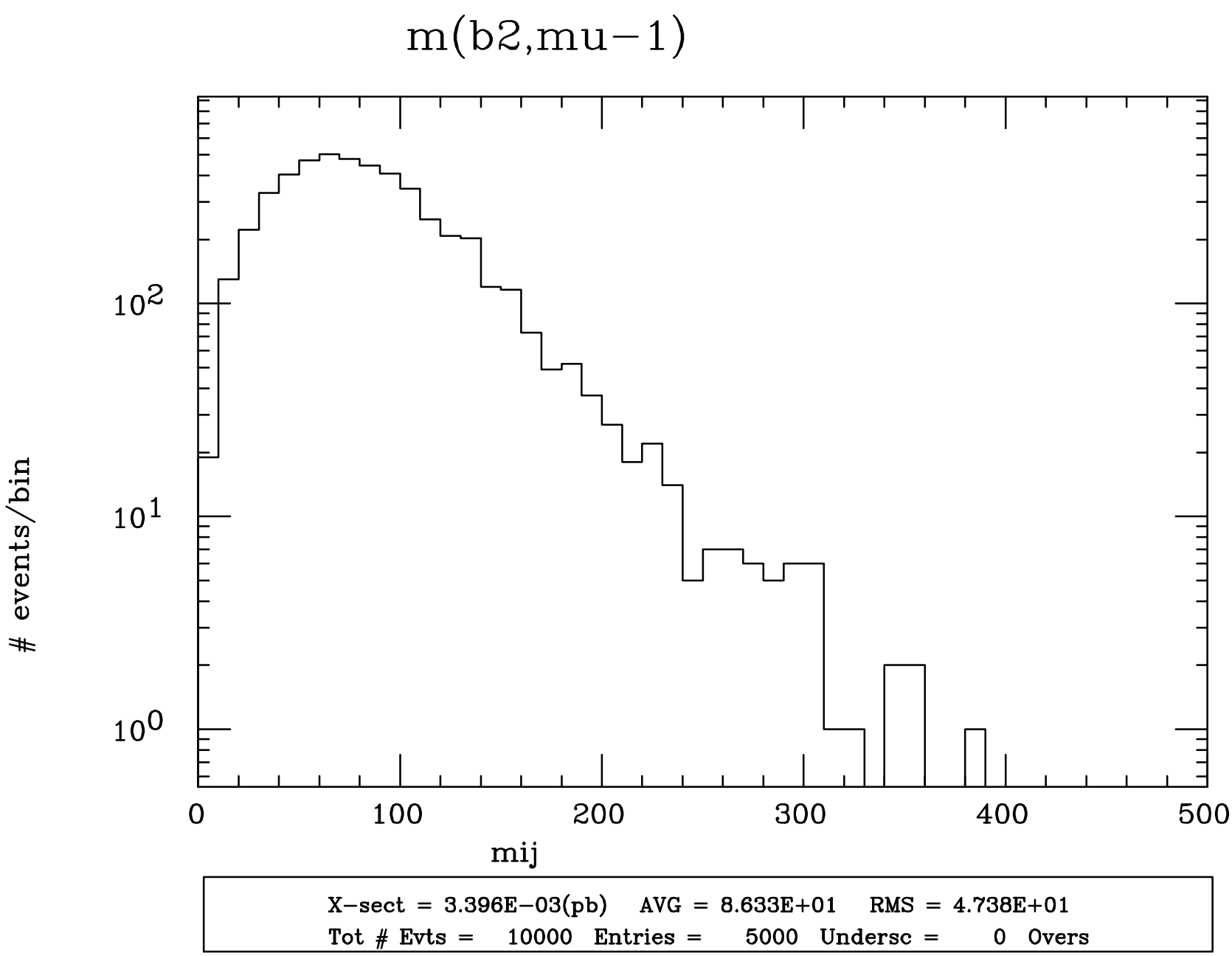

R(e+1,e−1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 2.291E+00 RMS = 7.226E−01
Tot # Evts = 10000 Entries = 4999 Undersc = 0 Overs

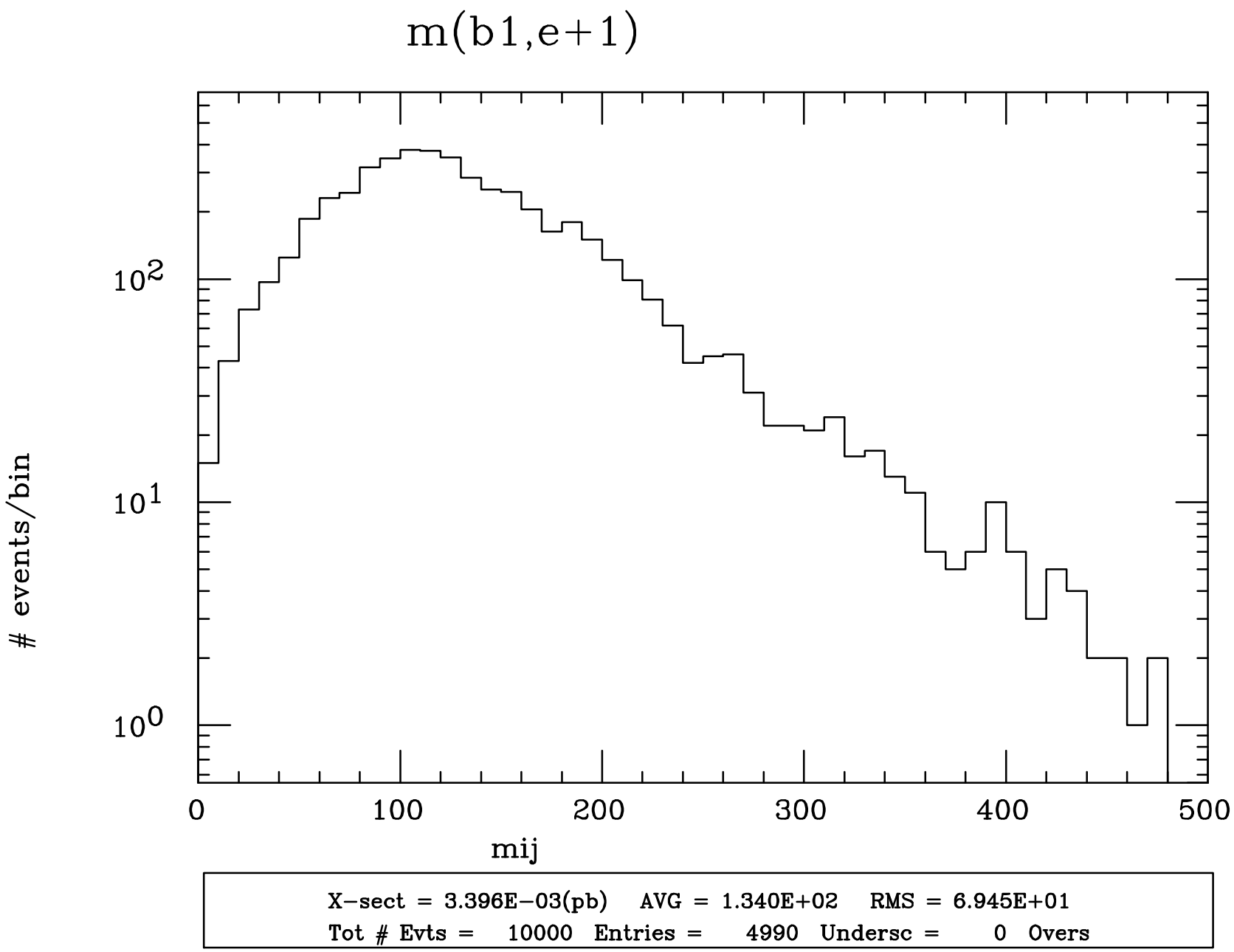

m(b1,b2)
# events/bin
10^4
10^3
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 1.200E+02 RMS = 5.016E+00
Tot # Evts = 10000 Entries = 10000 Undersc = 0 Overs

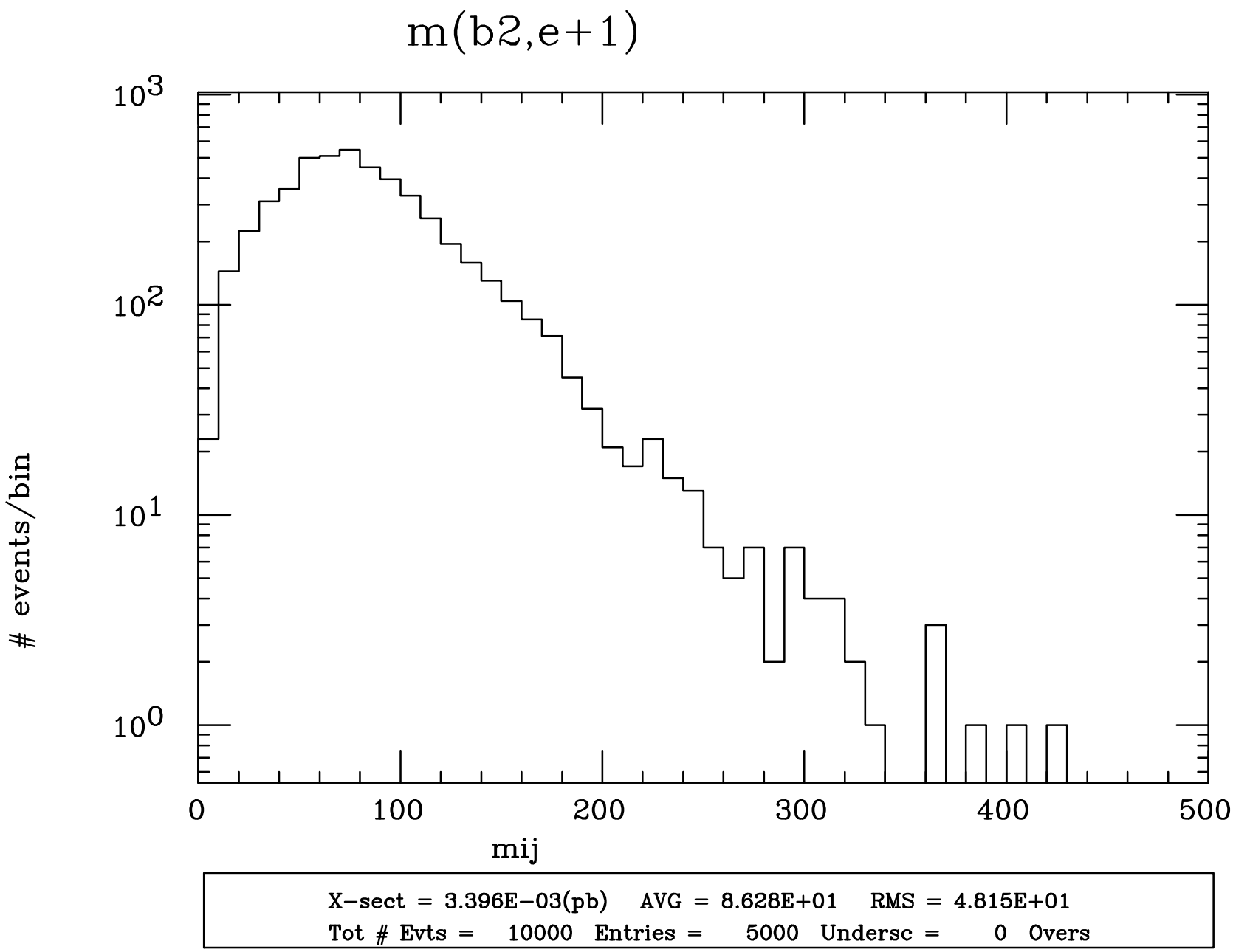

m(b1,mu+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 1.336E+02 RMS = 6.936E+01
Tot # Evts = 10000 Entries = 4996 Undersc = 0 Overs

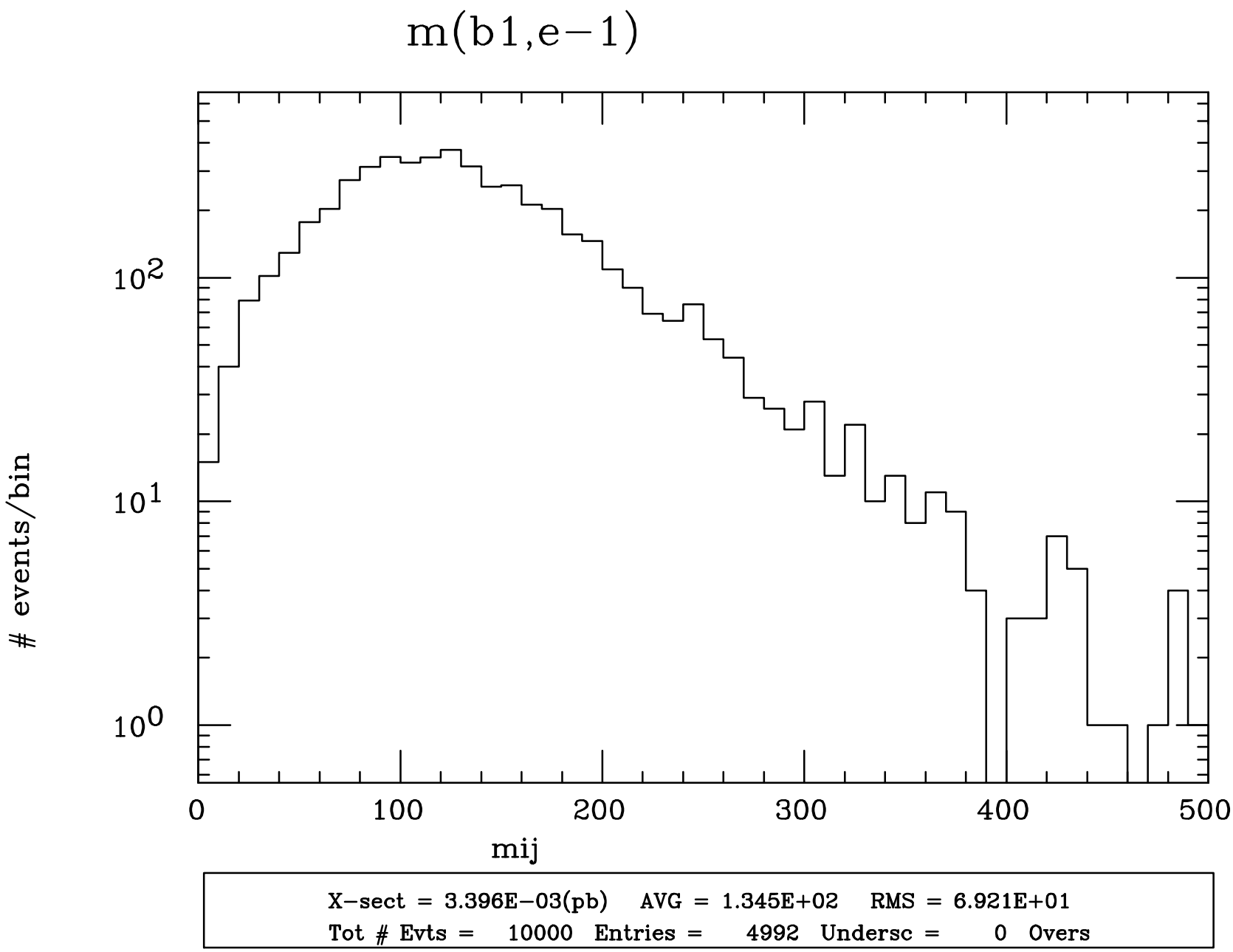

m(b2,mu+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 8.735E+01 RMS = 4.861E+01
Tot # Evts = 10000 Entries = 5000 Undersc = 0 Overs

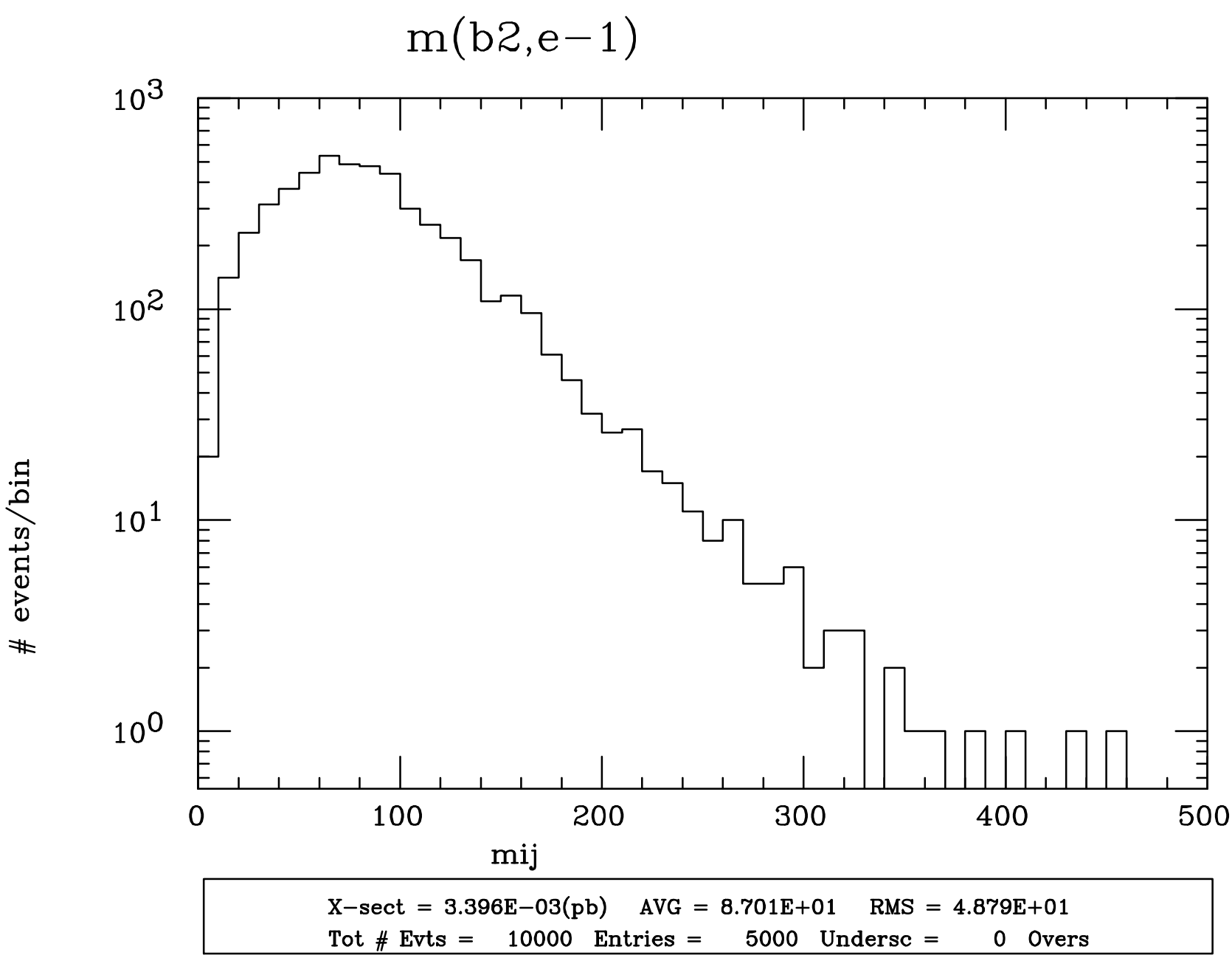

m(b1,mu−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 1.352E+02 RMS = 7.001E+01
Tot # Evts = 10000 Entries = 4993 Undersc = 0 Overs

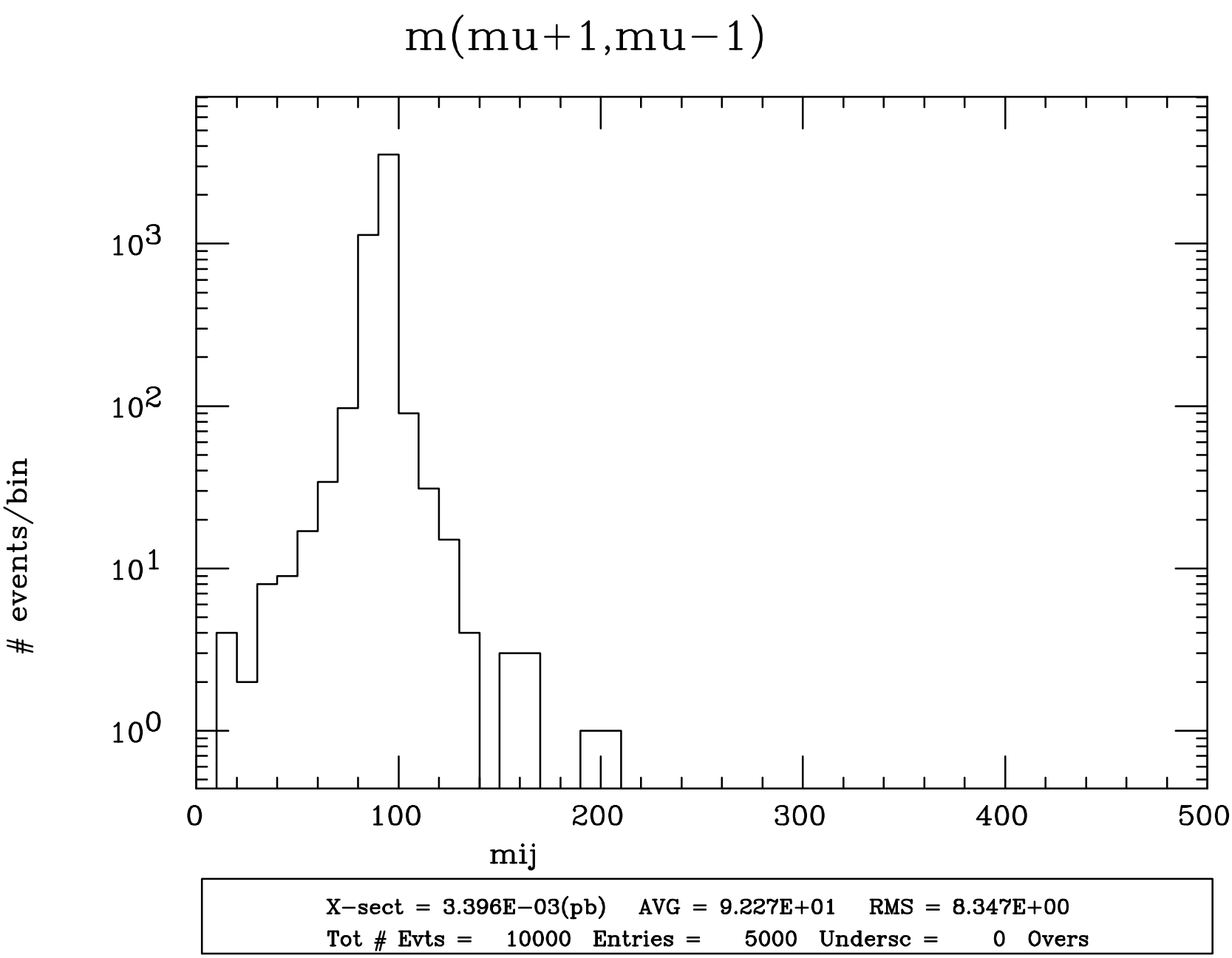

m(b2,mu-1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 8.633E+01 RMS = 4.738E+01
Tot # Evts = 10000 Entries = 5000 Undersc = 0 Overs

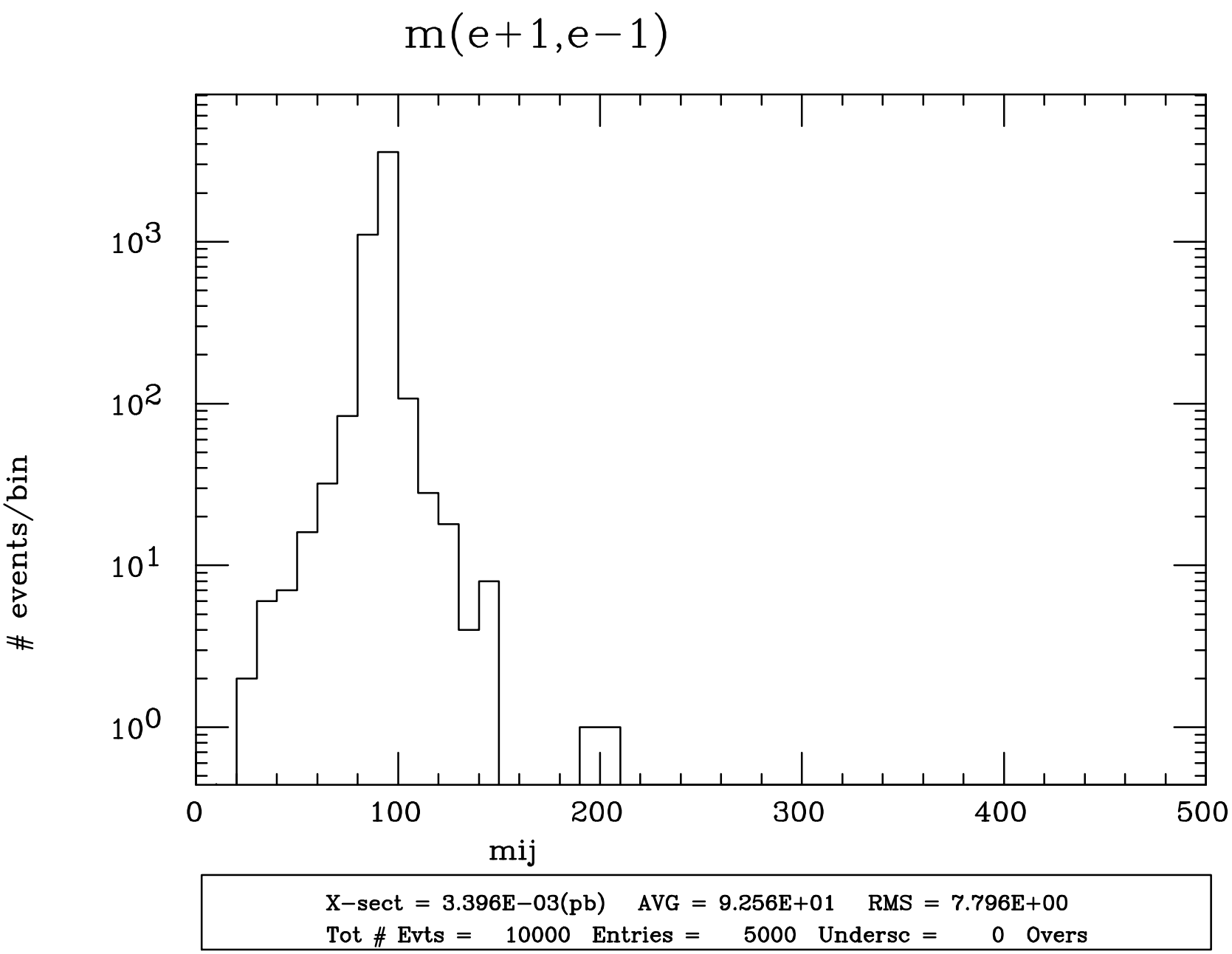

m(b1,e+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 1.340E+02 RMS = 6.945E+01
Tot # Evts = 10000 Entries = 4990 Undersc = 0 Overs


m(b2,e+1)
10^3
10^2
10^1
10^0
events/bin
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 8.628E+01 RMS = 4.815E+01
Tot # Evts = 10000 Entries = 5000 Undersc = 0 Overs


m(b1,e−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 1.345E+02 RMS = 6.921E+01
Tot # Evts = 10000 Entries = 4992 Undersc = 0 Overs


m(b2,e−1)
# events/bin
mij
0
100
200
300
400
500
X−sect = 3.396E−03(pb) AVG = 8.701E+01 RMS = 4.879E+01
Tot # Evts = 10000 Entries = 5000 Undersc = 0 Overs


m(mu+1,mu−1)
# events/bin
10^3
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 9.227E+01 RMS = 8.347E+00
Tot # Evts = 10000 Entries = 5000 Undersc = 0 Overs


m(e+1,e−1)
# events/bin
10^3
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 9.256E+01 RMS = 7.796E+00
Tot # Evts = 10000 Entries = 5000 Undersc = 0 Overs