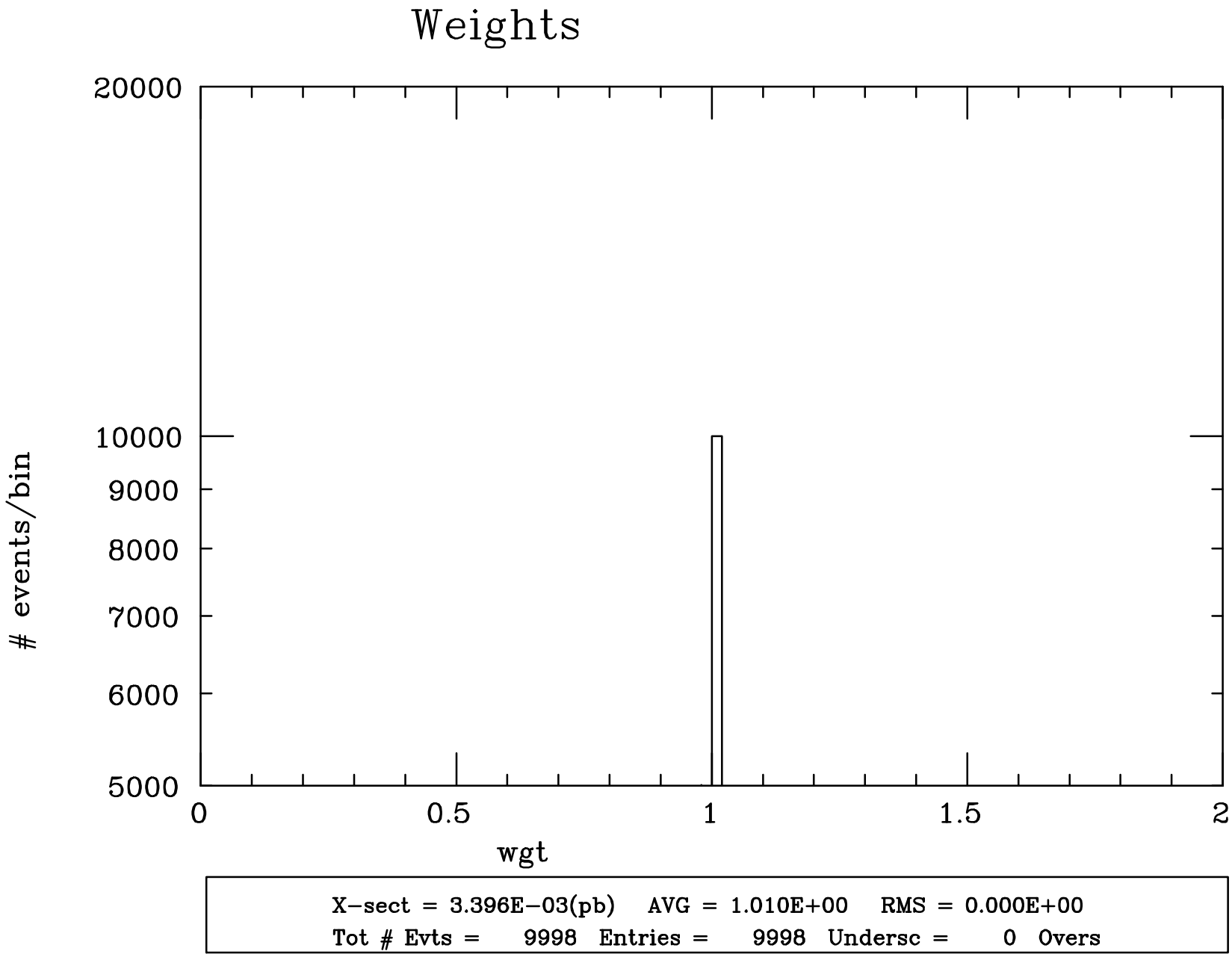
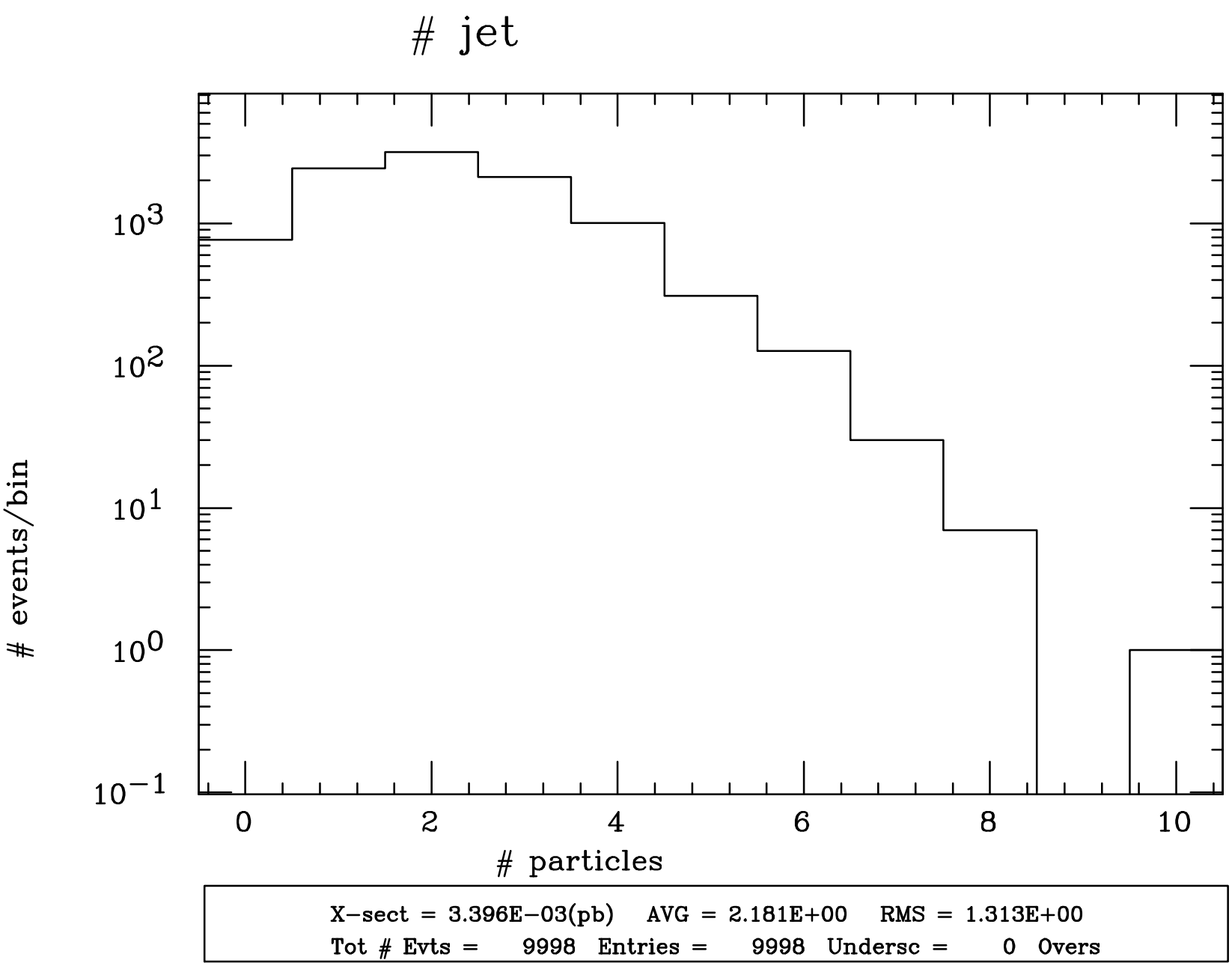
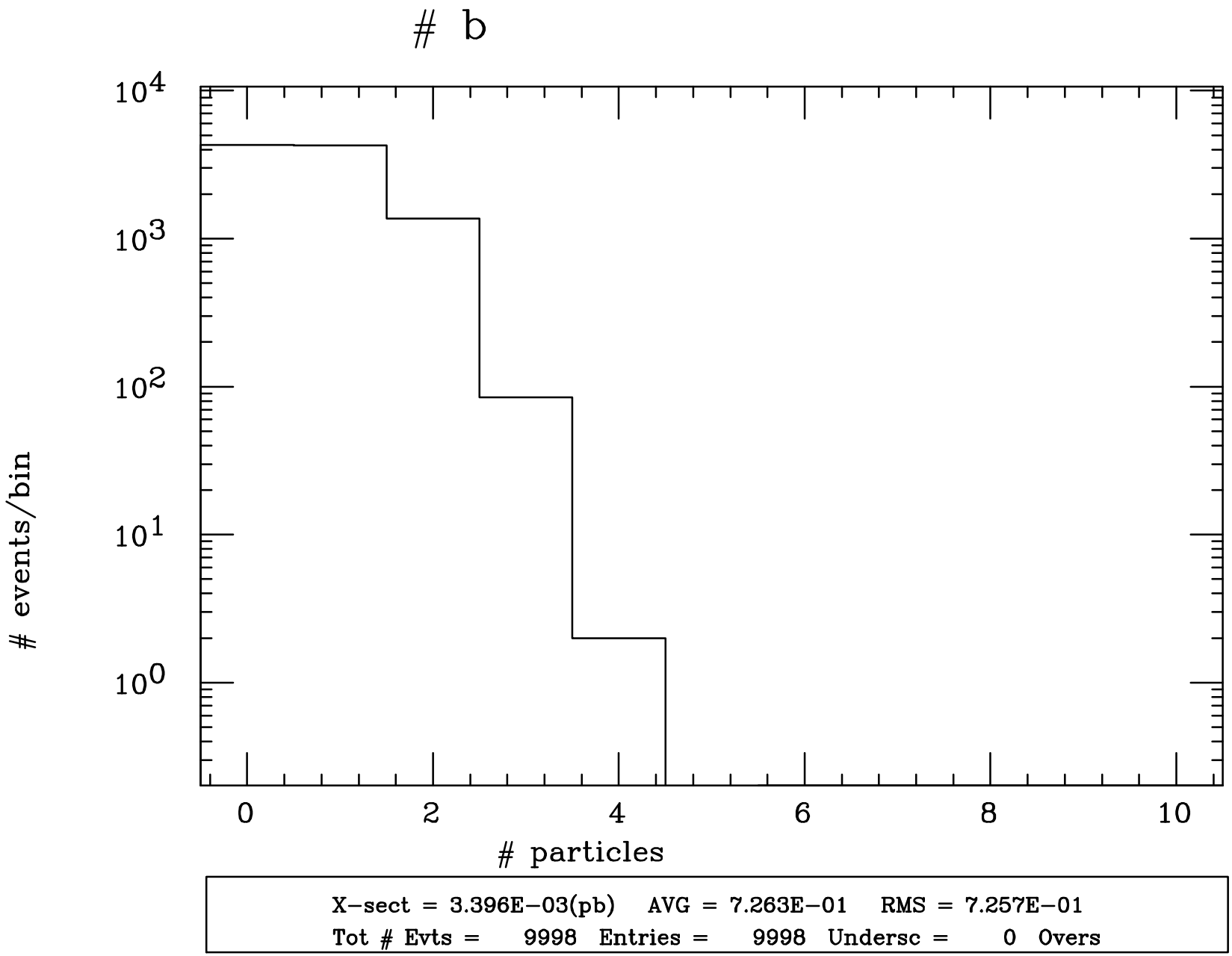
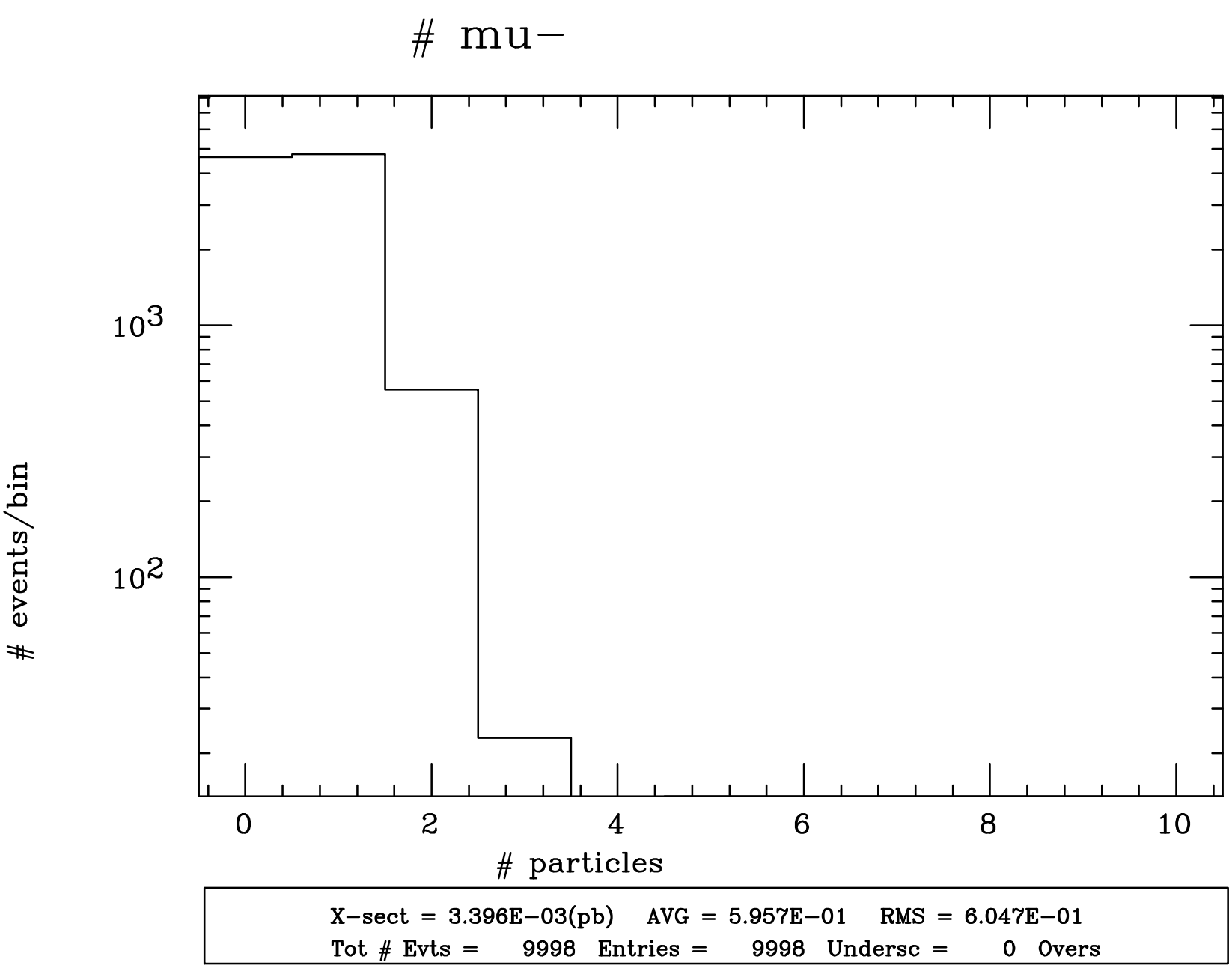
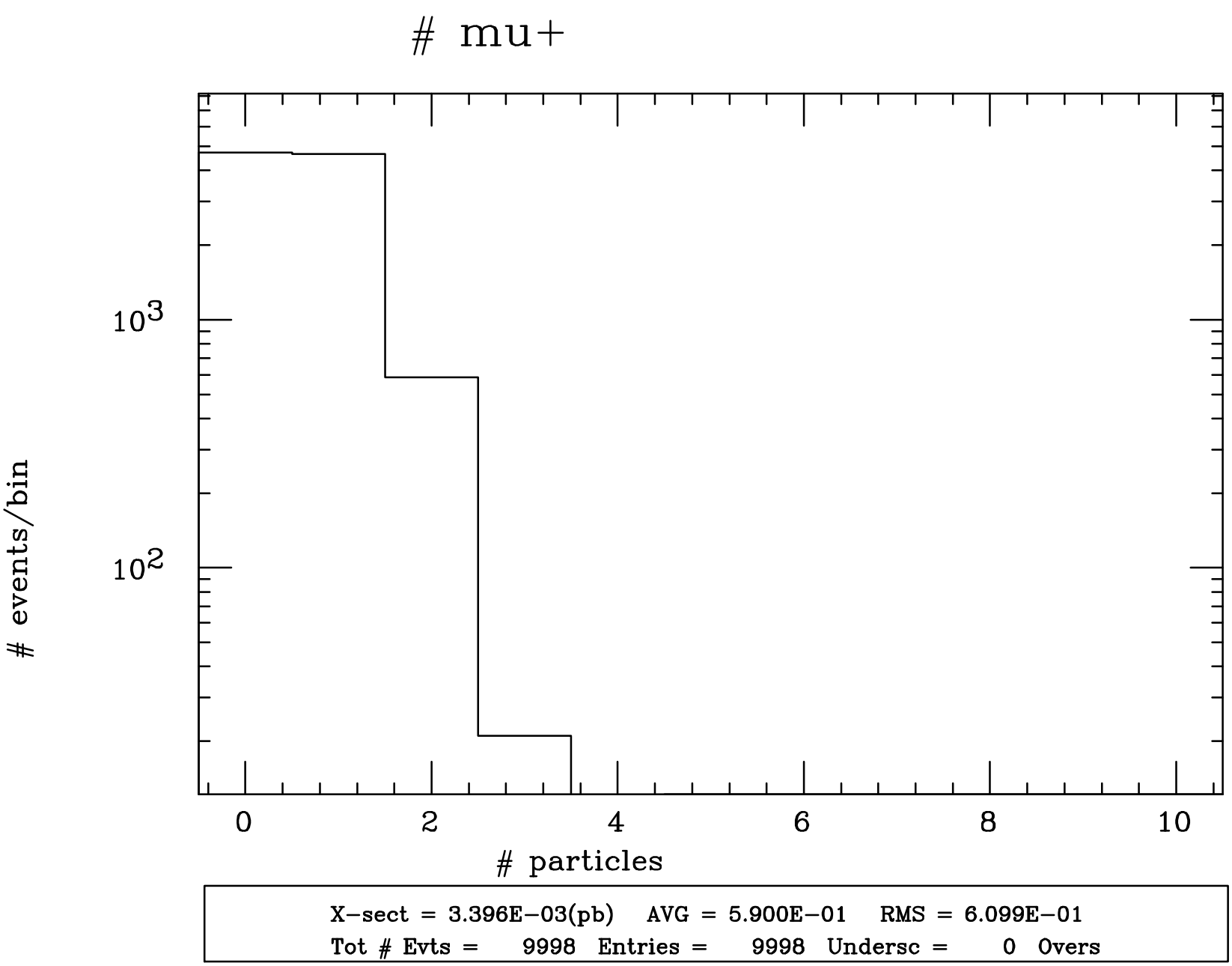
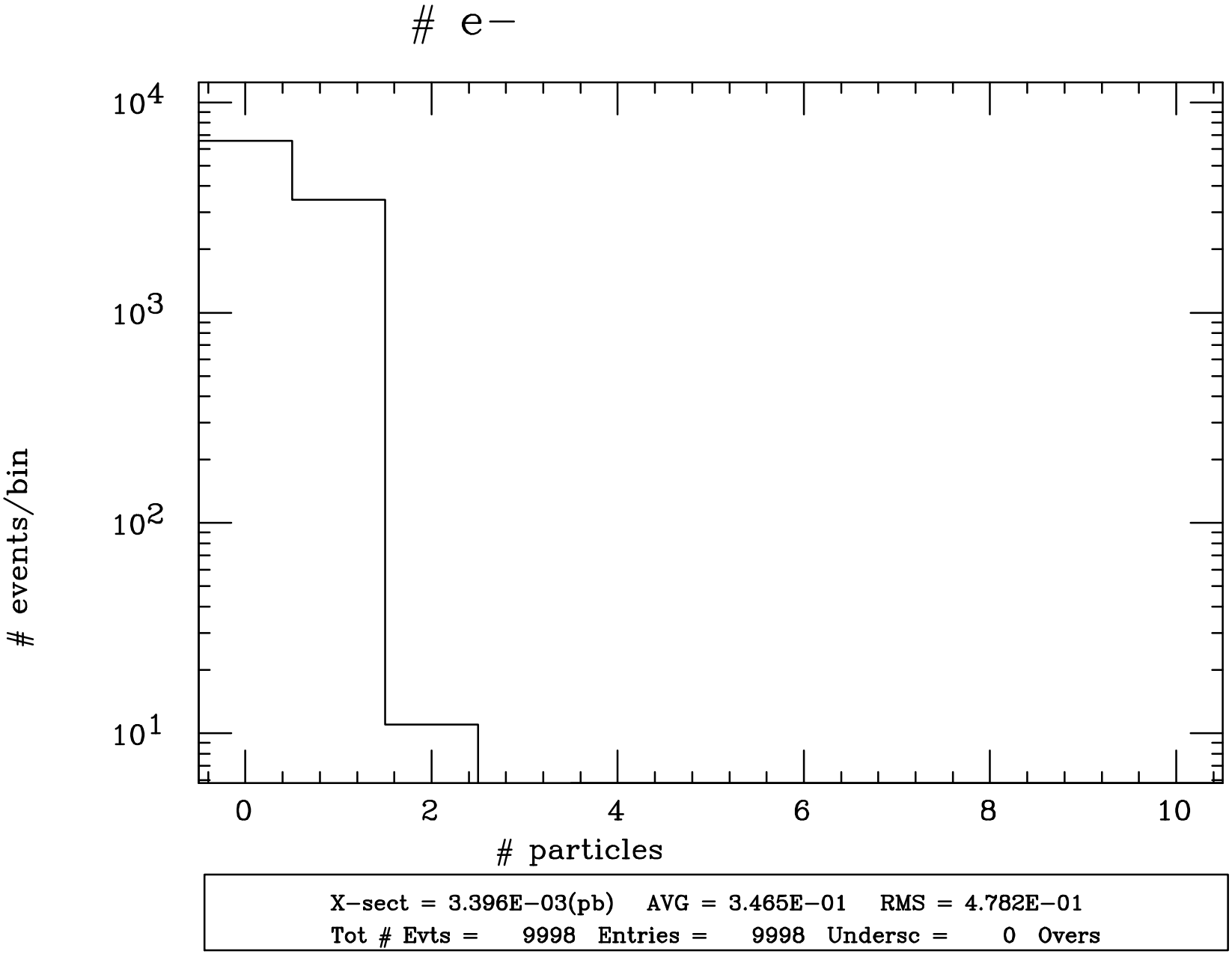

Weights
20000
10000
9000
8000
7000
6000
5000
events/bin
0
0.5
1
1.5
2
wgt
X-sect = 3.396E-03(pb) AVG = 1.010E+00 RMS = 0.000E+00
Tot # Evts = 9998 Entries = 9998 Undersc = 0 Overs

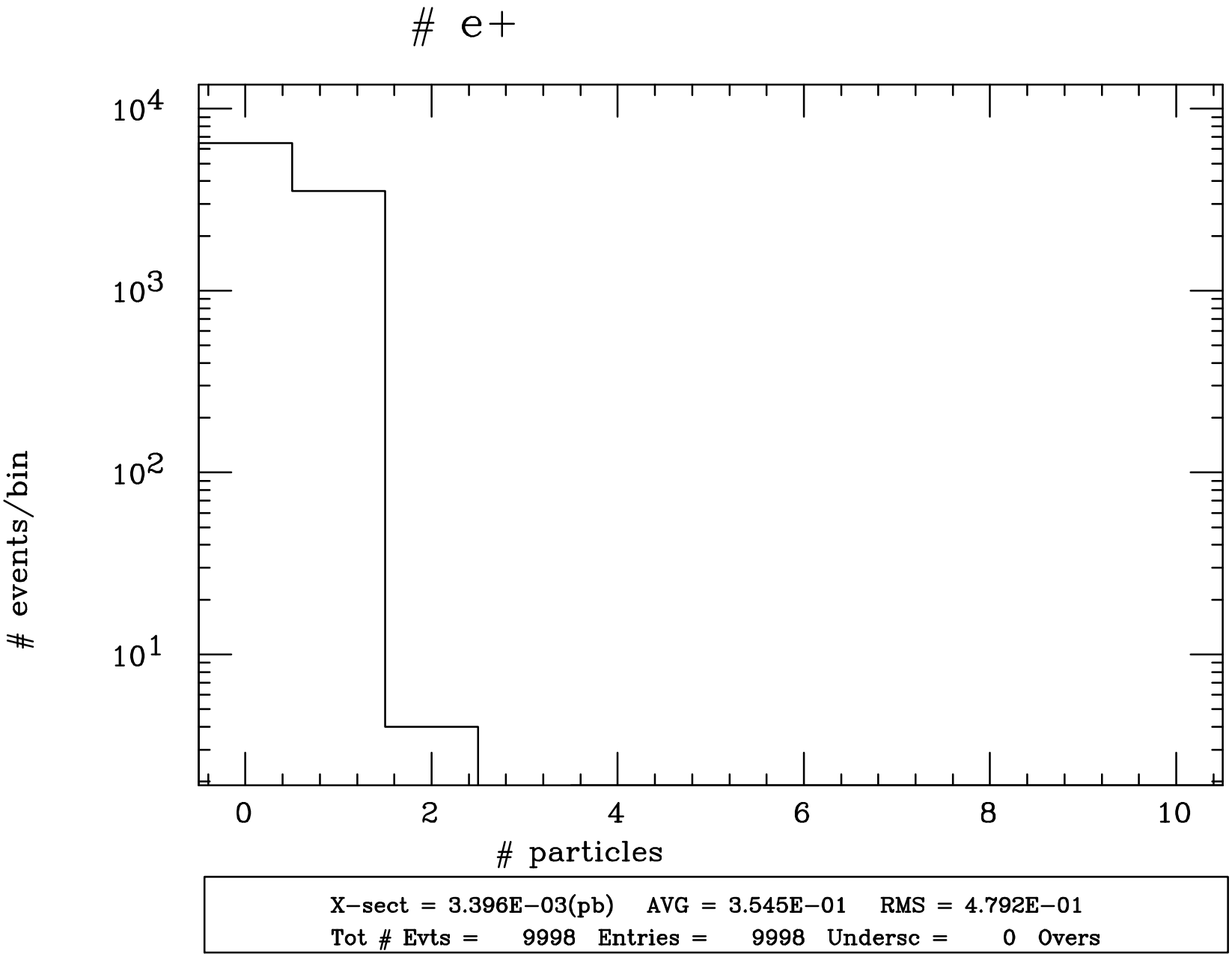

jet
events/bin
10^3
10^2
10^1
10^0
10^{-1}
0
2
4
6
8
10
particles
X-sect = 3.396E-03(pb) AVG = 2.181E+00 RMS = 1.313E+00
Tot # Evts = 9998 Entries = 9998 Undersc = 0 Overs

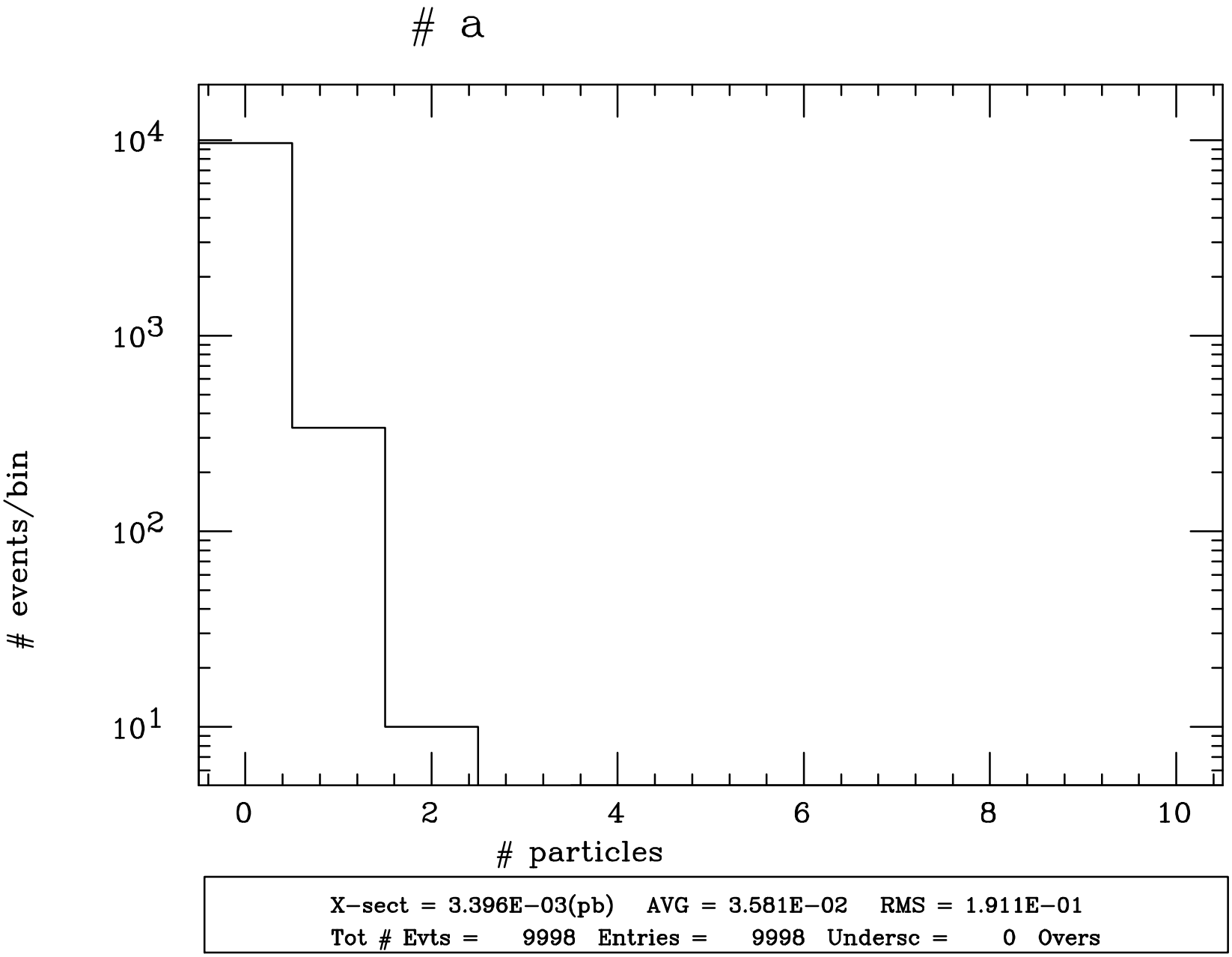

b
10^4
10^3
10^2
10^1
10^0
events/bin
0
2
4
6
8
10
particles
X-sect = 3.396E-03(pb) AVG = 7.263E-01 RMS = 7.257E-01
Tot # Evts = 9998 Entries = 9998 Undersc = 0 Overs

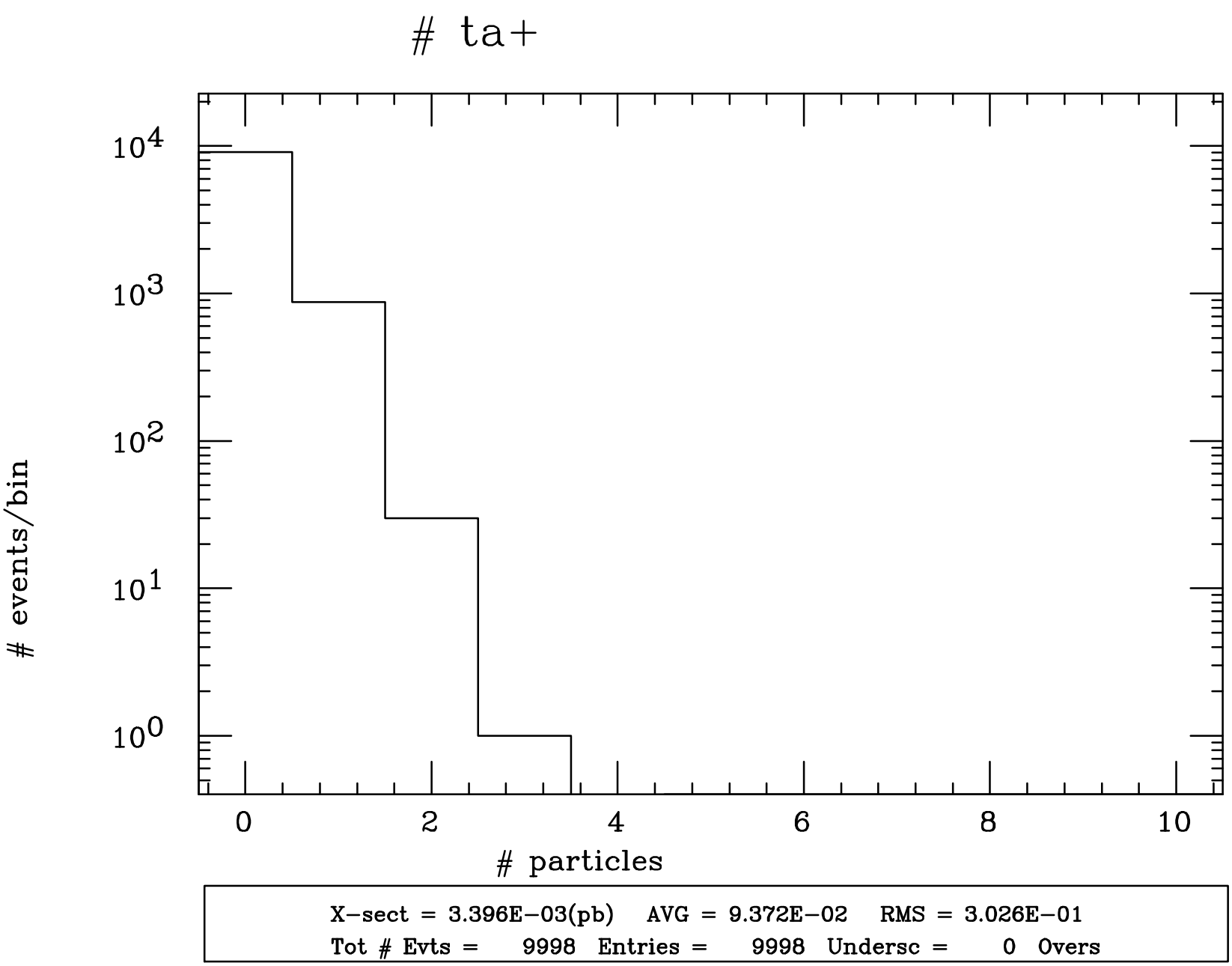

mu-
events/bin
10^3
10^2
0
2
4
6
8
10
particles
X-sect = 3.396E-03(pb) AVG = 5.957E-01 RMS = 6.047E-01
Tot # Evts = 9998 Entries = 9998 Undersc = 0 Overs

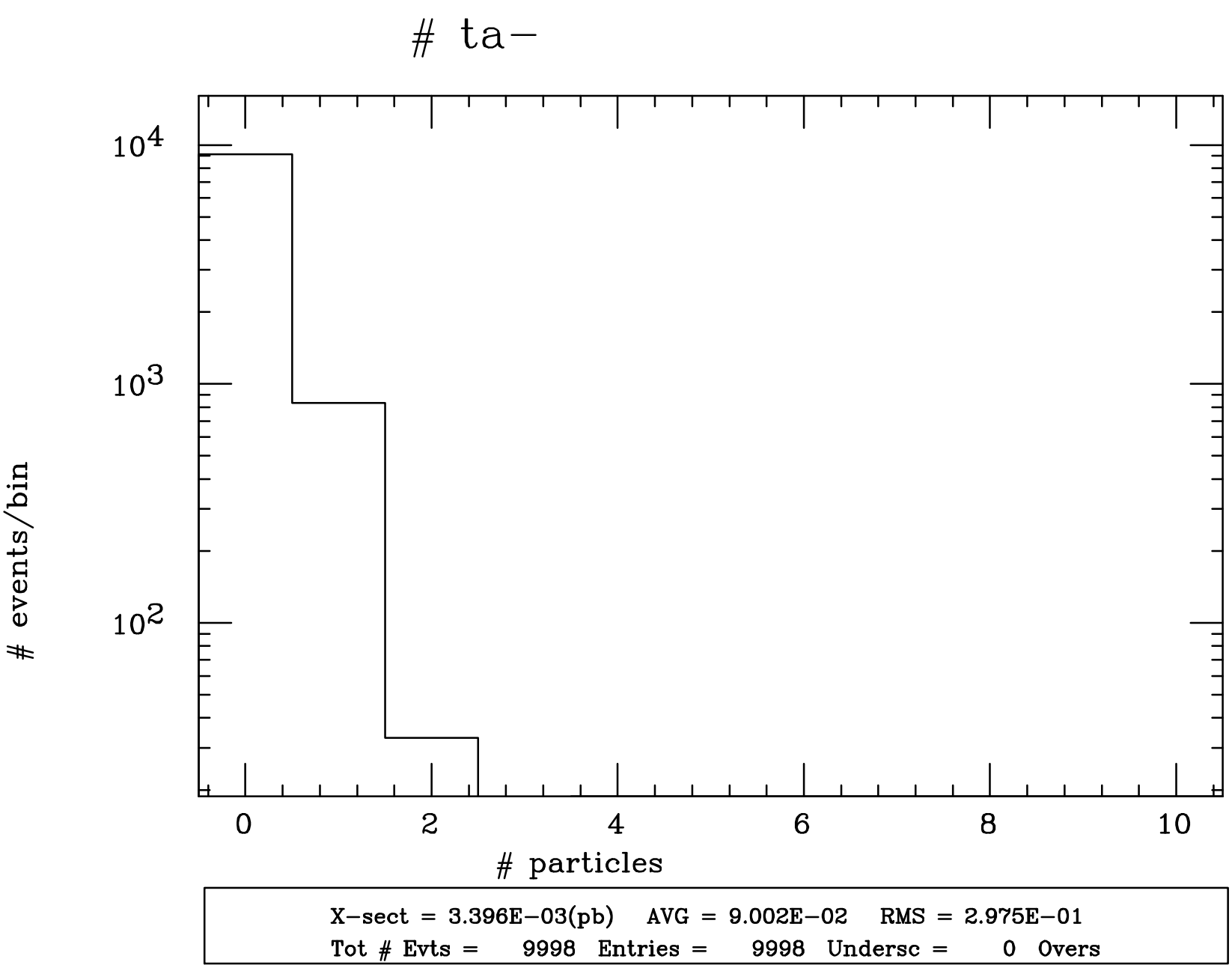

mu+
events/bin
10^3
10^2
0
2
4
6
8
10
particles
X-sect = 3.396E-03(pb) AVG = 5.900E-01 RMS = 6.099E-01
Tot # Evts = 9998 Entries = 9998 Undersc = 0 Overs

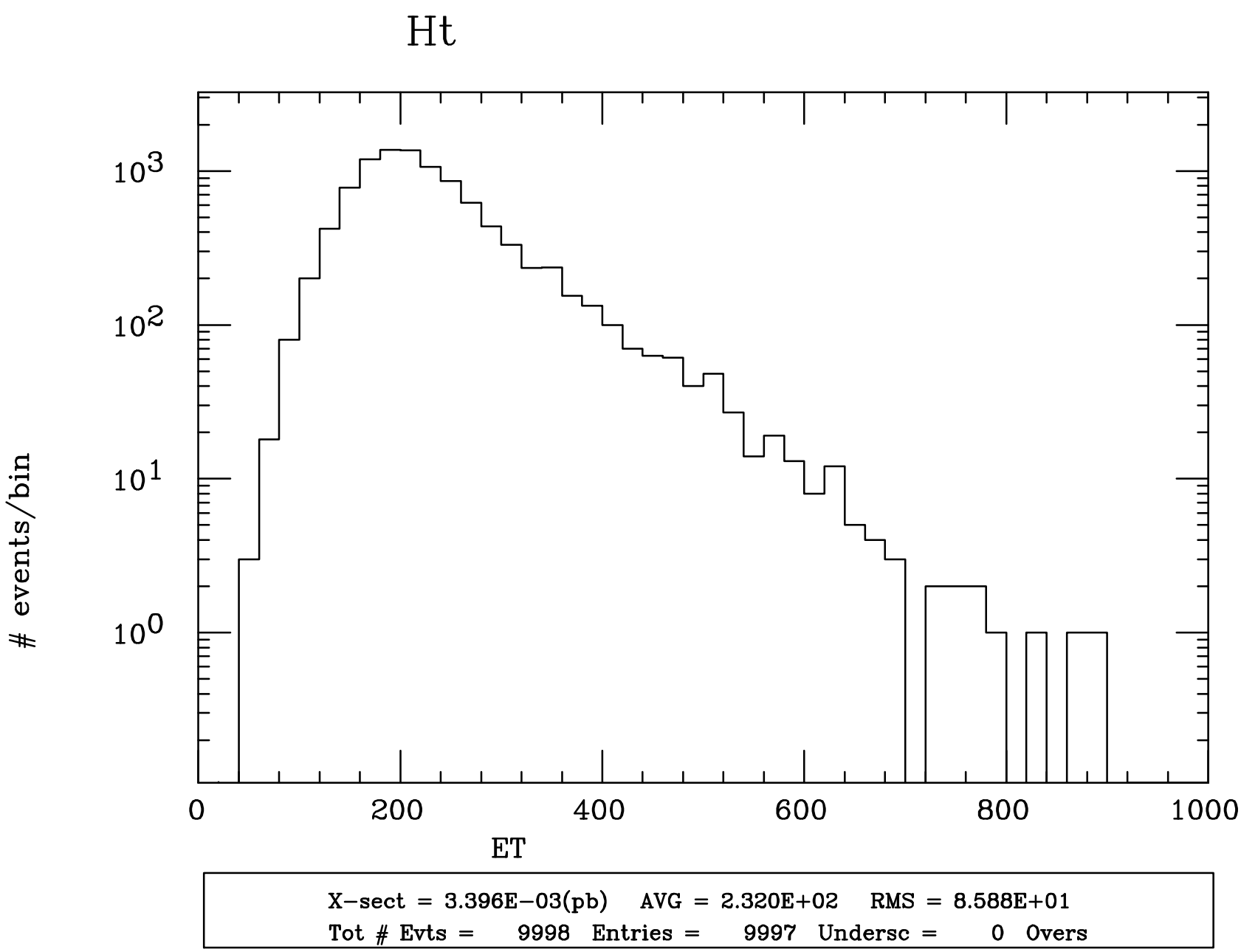

e−
10^4
10^3
10^2
10^1
events/bin
0
2
4
6
8
10
particles
X−sect = 3.396E−03(pb) AVG = 3.465E−01 RMS = 4.782E−01
Tot # Evts = 9998 Entries = 9998 Undersc = 0 Overs

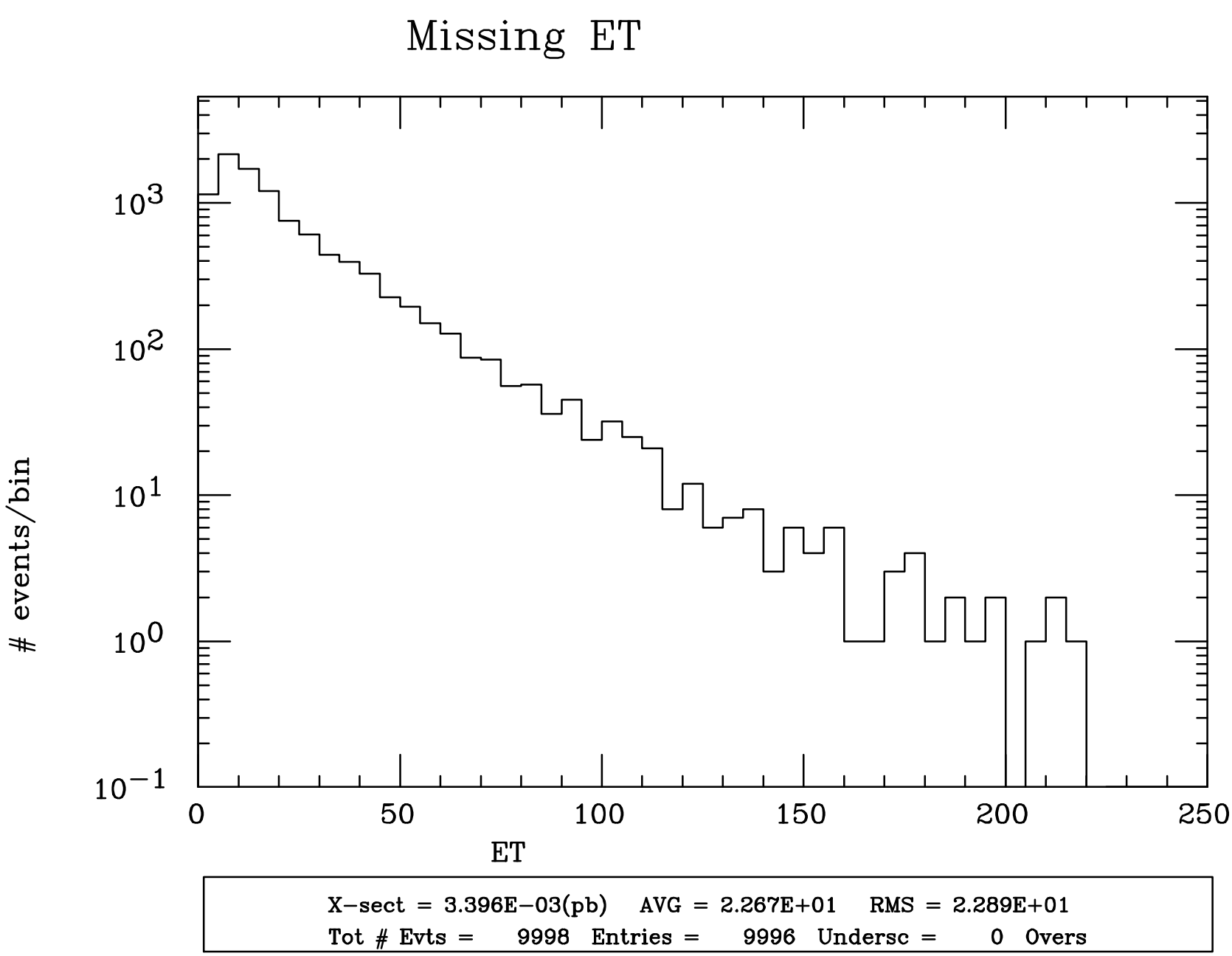

e+
10^4
10^3
10^2
10^1
events/bin
0
2
4
6
8
10
particles
X-sect = 3.396E-03(pb) AVG = 3.545E-01 RMS = 4.792E-01
Tot # Evts = 9998 Entries = 9998 Undersc = 0 Overs

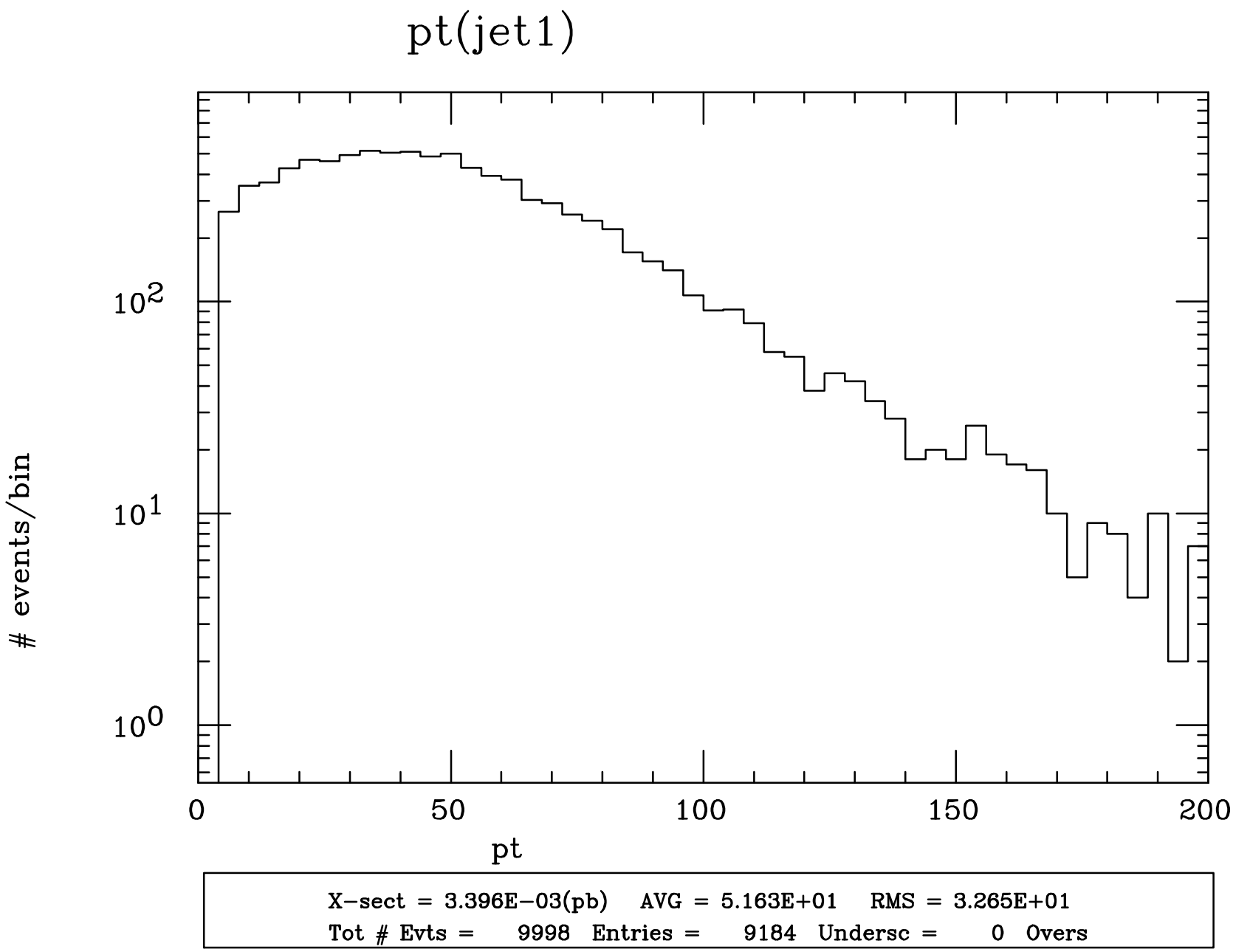

a
10^4
10^3
10^2
10^1
events/bin
0
2
4
6
8
10
particles
X-sect = 3.396E-03(pb) AVG = 3.581E-02 RMS = 1.911E-01
Tot # Evts = 9998 Entries = 9998 Undersc = 0 Overs

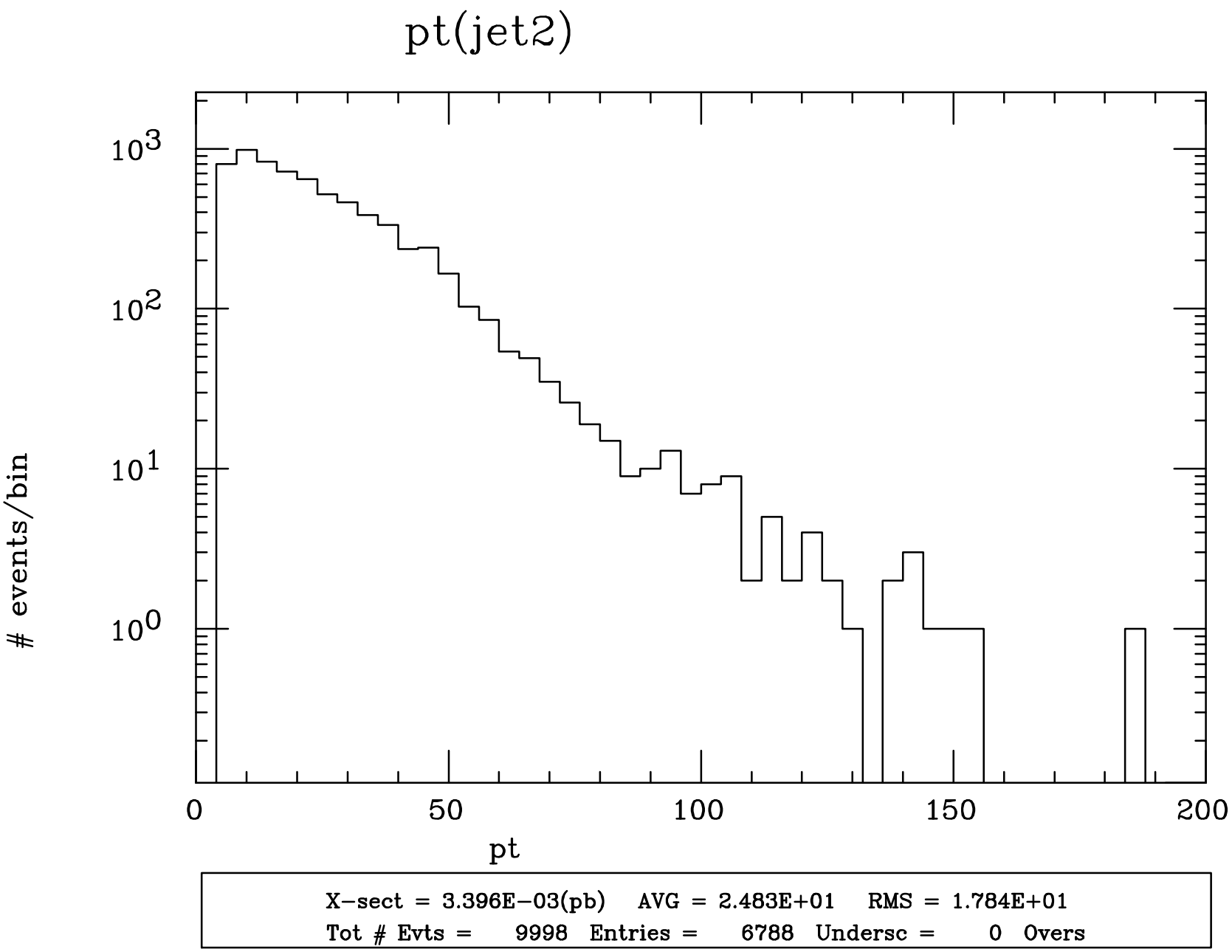

ta+
events/bin
10^4
10^3
10^2
10^1
10^0
0
2
4
6
8
10
particles
X-sect = 3.396E-03(pb) AVG = 9.372E-02 RMS = 3.026E-01
Tot # Evts = 9998 Entries = 9998 Undersc = 0 Overs

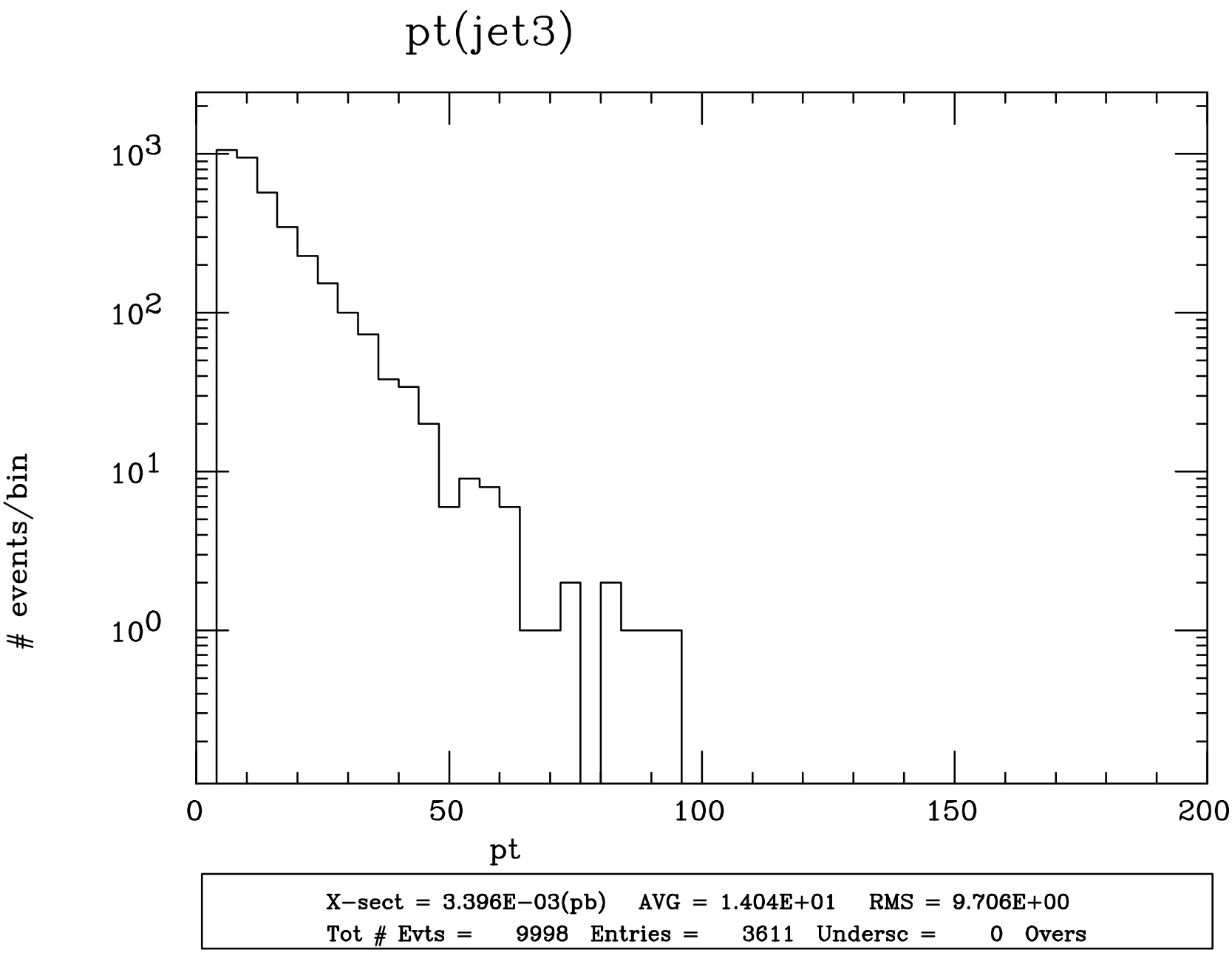

ta-
10^4
10^3
10^2
events/bin
0
2
4
6
8
10
particles
X-sect = 3.396E-03(pb) AVG = 9.002E-02 RMS = 2.975E-01
Tot # Evts = 9998 Entries = 9998 Undersc = 0 Overs

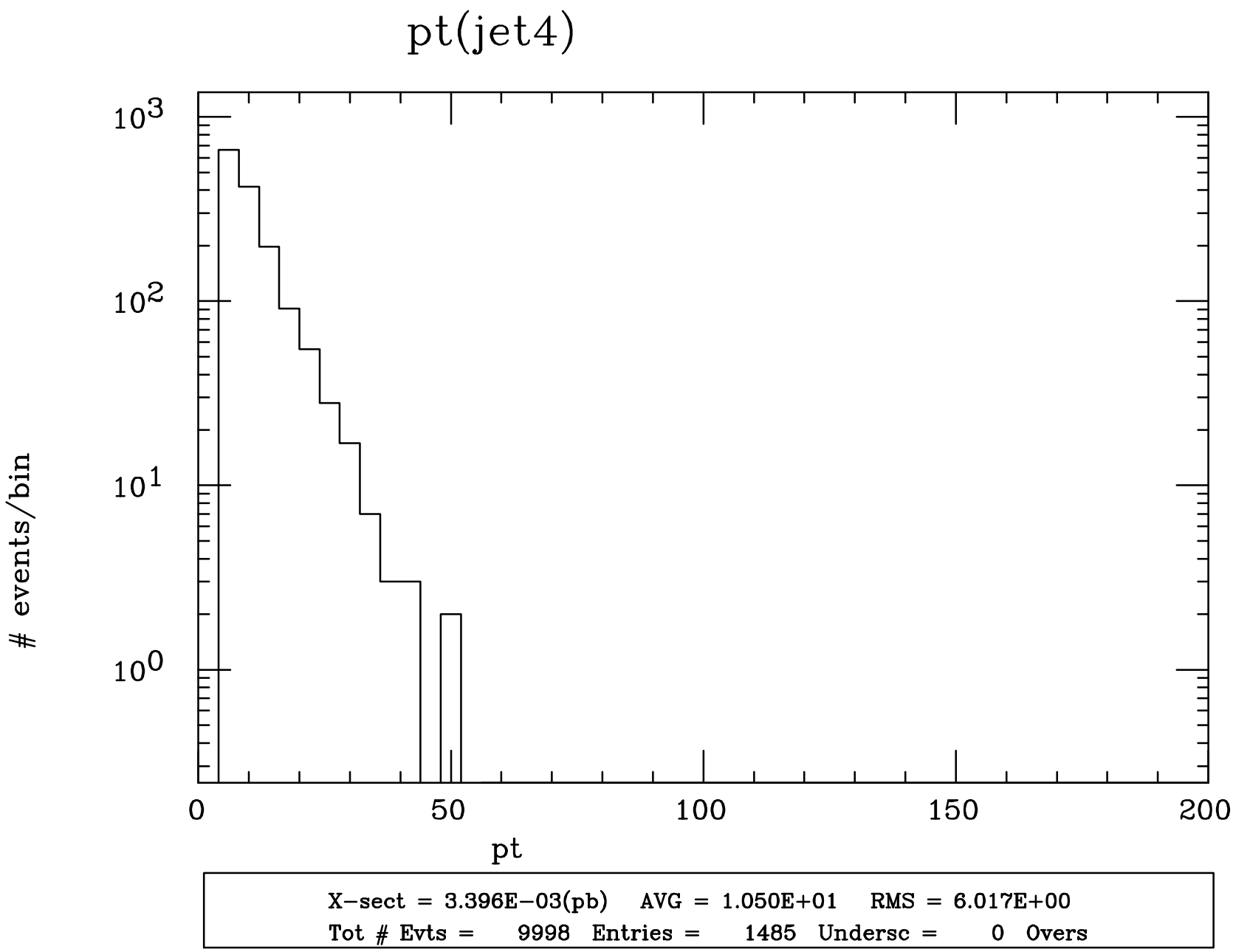

Ht
events/bin
10^3
10^2
10^1
10^0
0
200
400
600
800
1000
ET
X-sect = 3.396E-03(pb) AVG = 2.320E+02 RMS = 8.588E+01
Tot # Evts = 9998 Entries = 9997 Undersc = 0 Overs

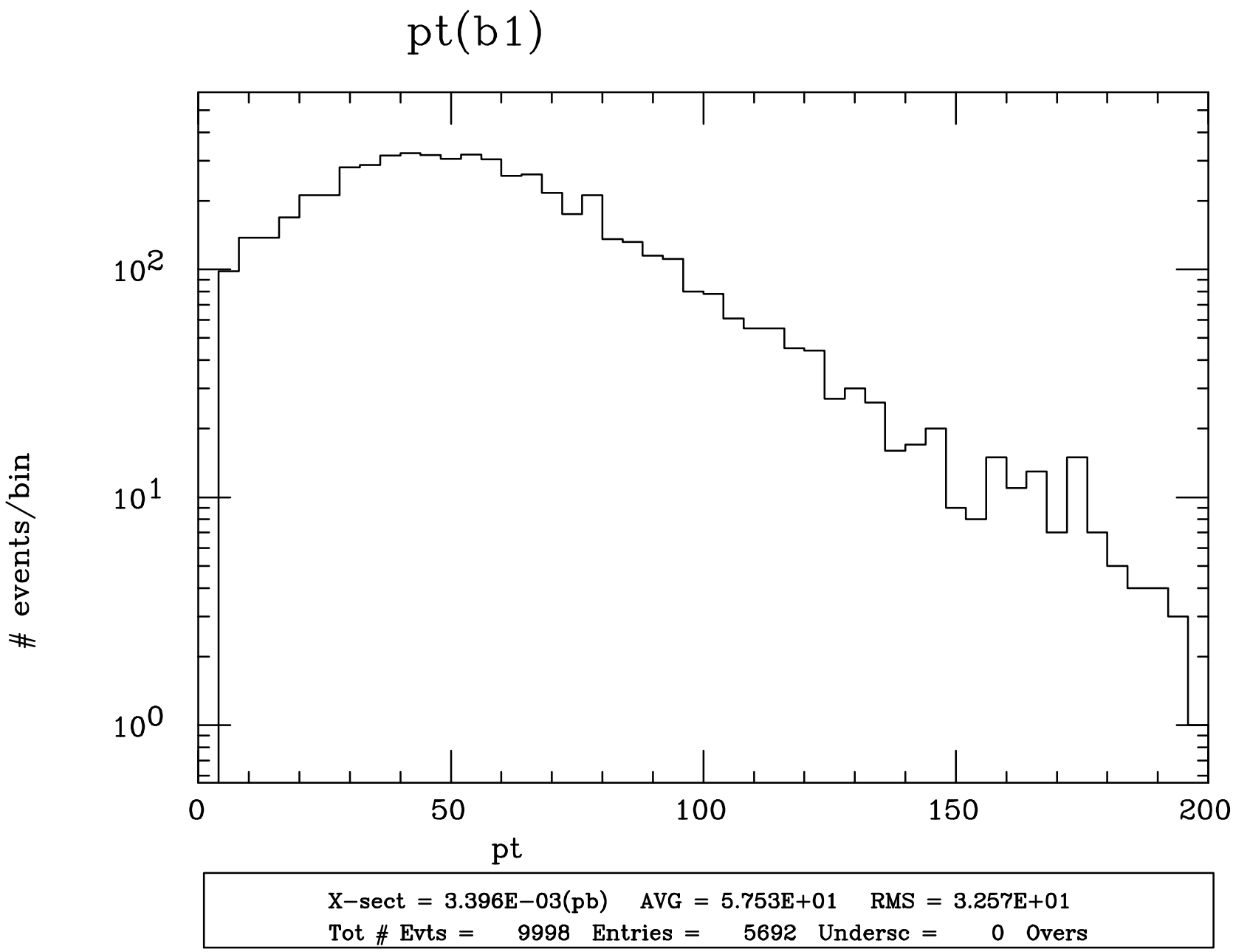

Missing ET
events/bin
10^3
10^2
10^1
10^0
10^{-1}
0
50
100
150
200
250
ET
X-sect = 3.396E-03(pb) AVG = 2.267E+01 RMS = 2.289E+01
Tot # Evts = 9998 Entries = 9996 Undersc = 0 Overs

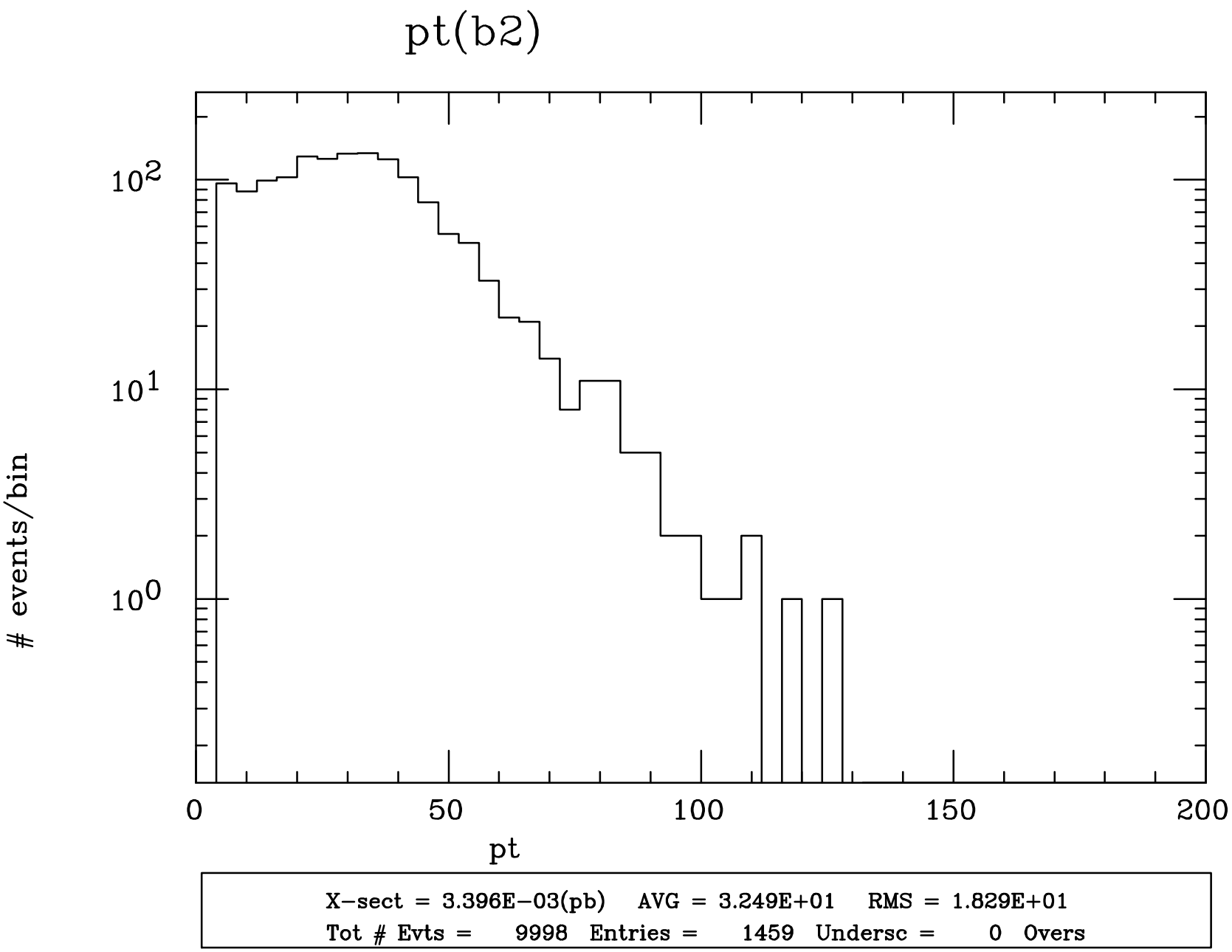

pt(jet1)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 5.163E+01 RMS = 3.265E+01
Tot # Evts = 9998 Entries = 9184 Undersc = 0 Overs

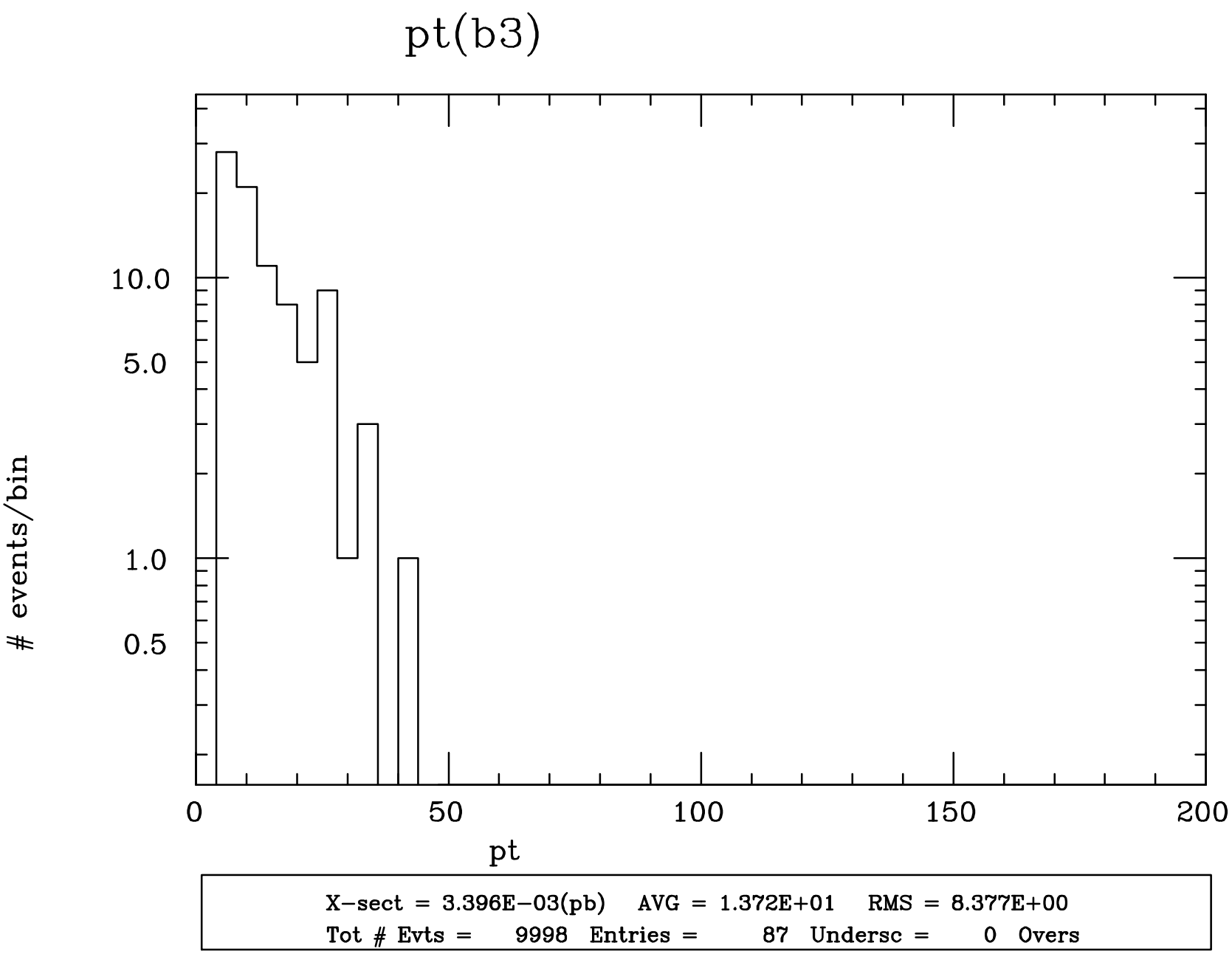

pt(jet2)
# events/bin
10^3
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 2.483E+01 RMS = 1.784E+01
Tot # Evts = 9998 Entries = 6788 Undersc = 0 Overs

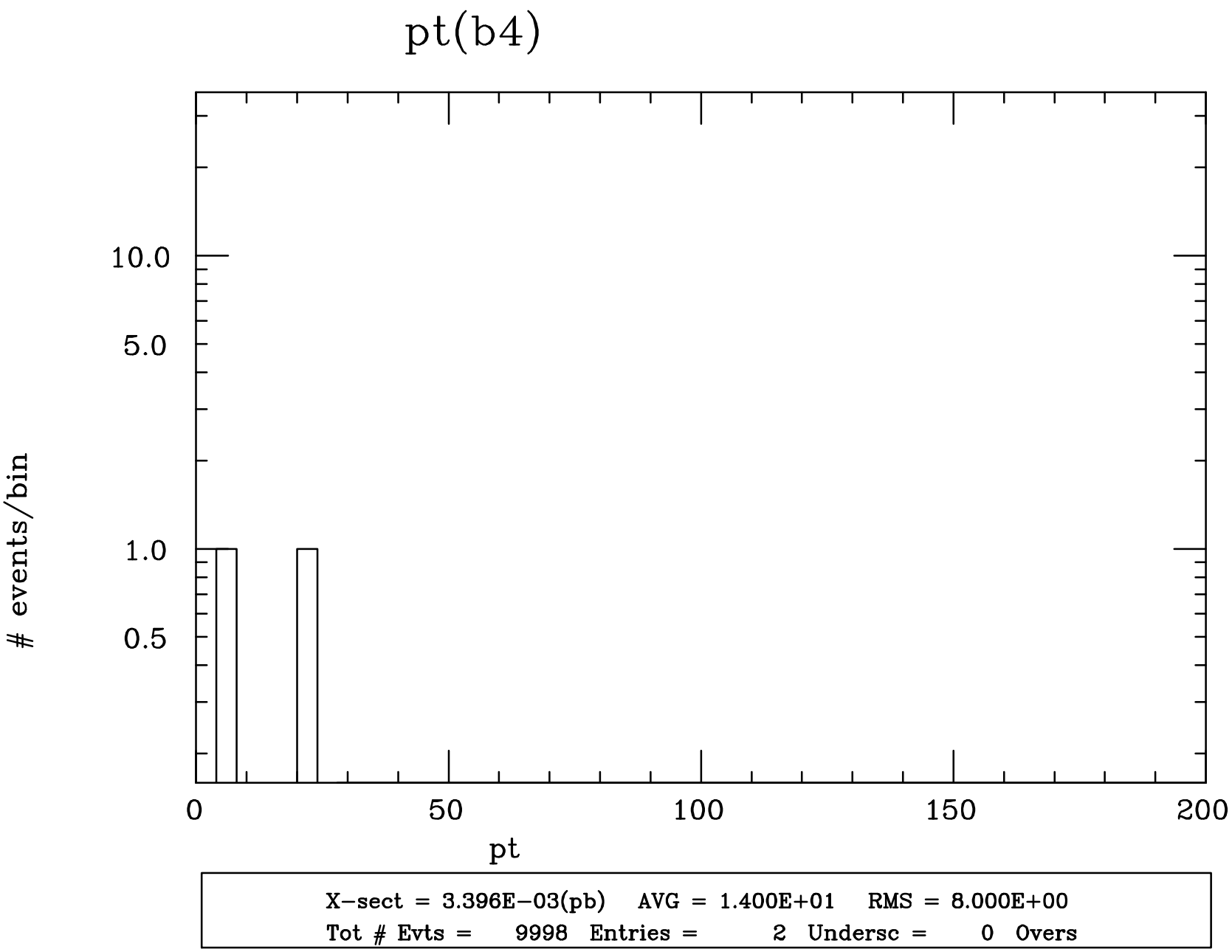

pt(jet3)
# events/bin
10^3
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 1.404E+01 RMS = 9.706E+00
Tot # Evts = 9998 Entries = 3611 Undersc = 0 Overs

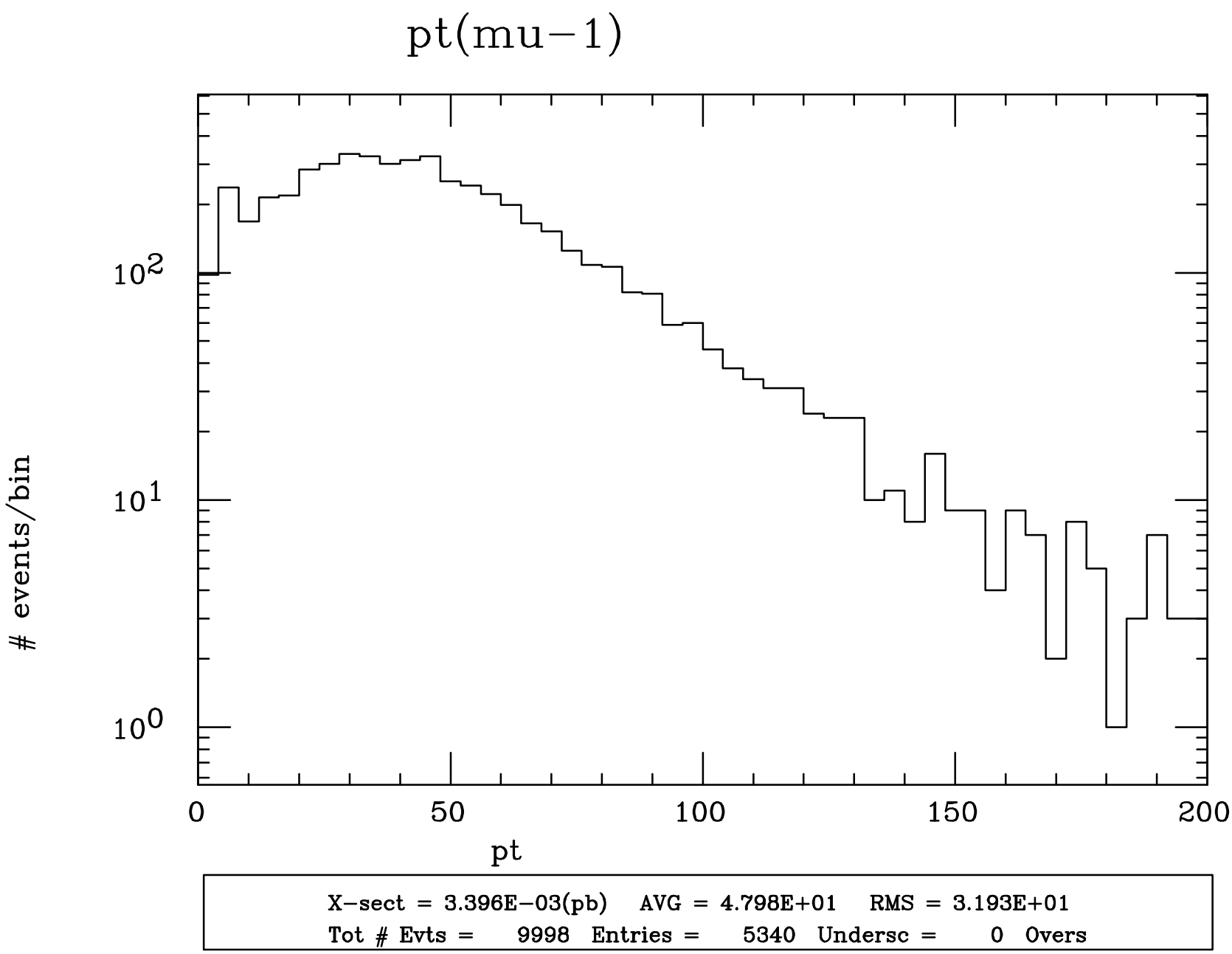

pt(jet4)
# events/bin
10^3
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 1.050E+01 RMS = 6.017E+00
Tot # Evts = 9998 Entries = 1485 Undersc = 0 Overs

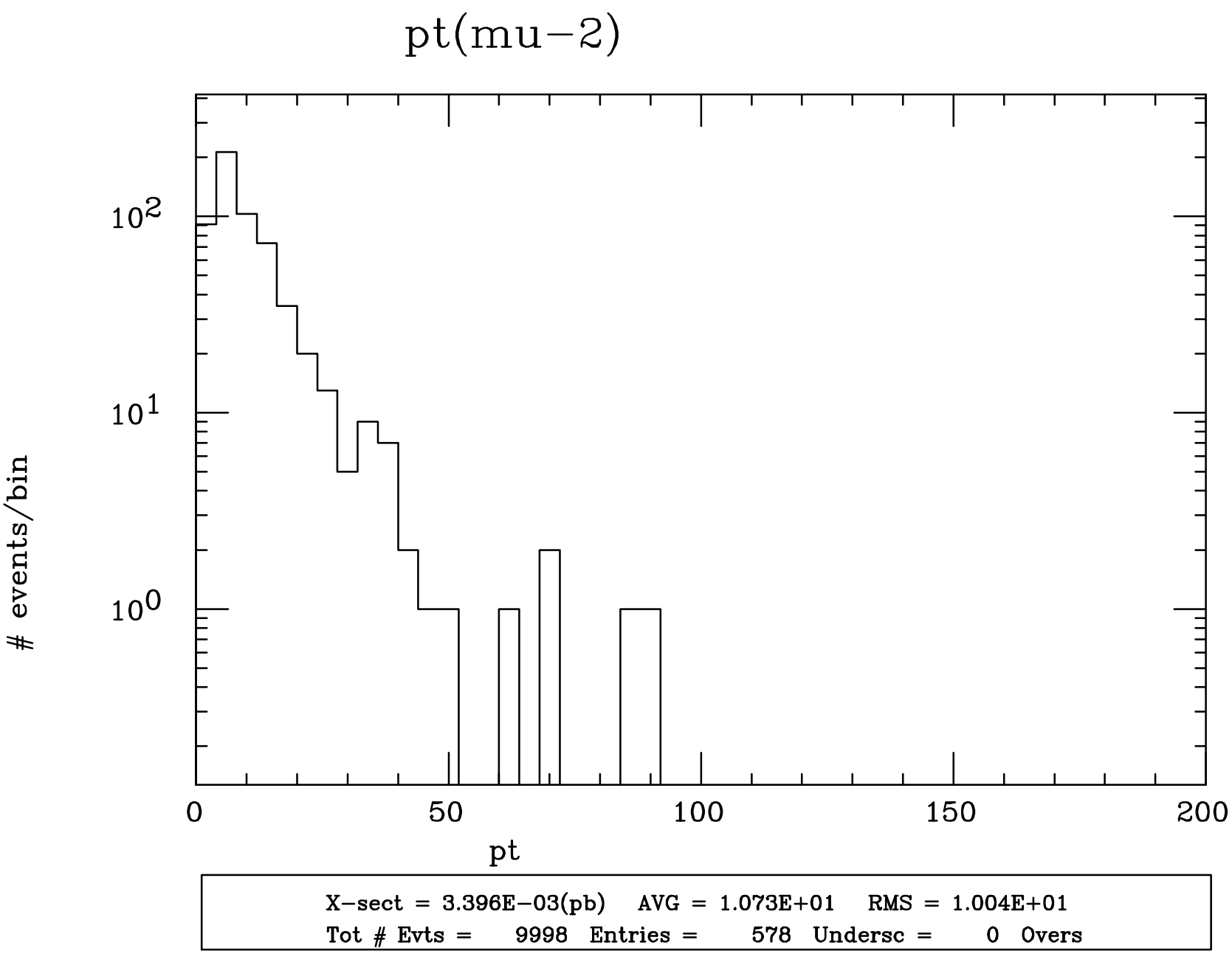

pt(b1)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 5.753E+01 RMS = 3.257E+01
Tot # Evts = 9998 Entries = 5692 Undersc = 0 Overs

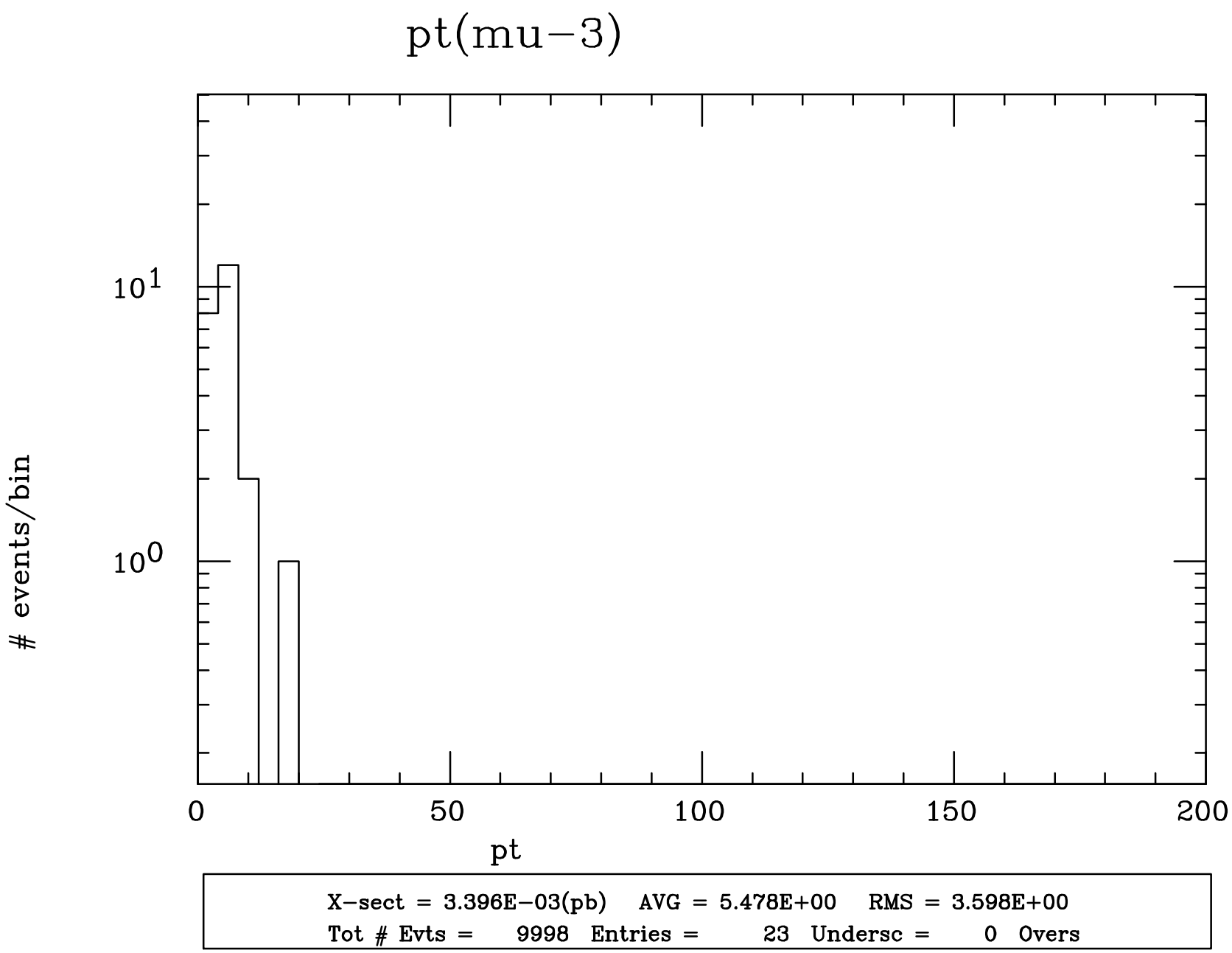

pt(b2)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 3.249E+01 RMS = 1.829E+01
Tot # Evts = 9998 Entries = 1459 Undersc = 0 Overs

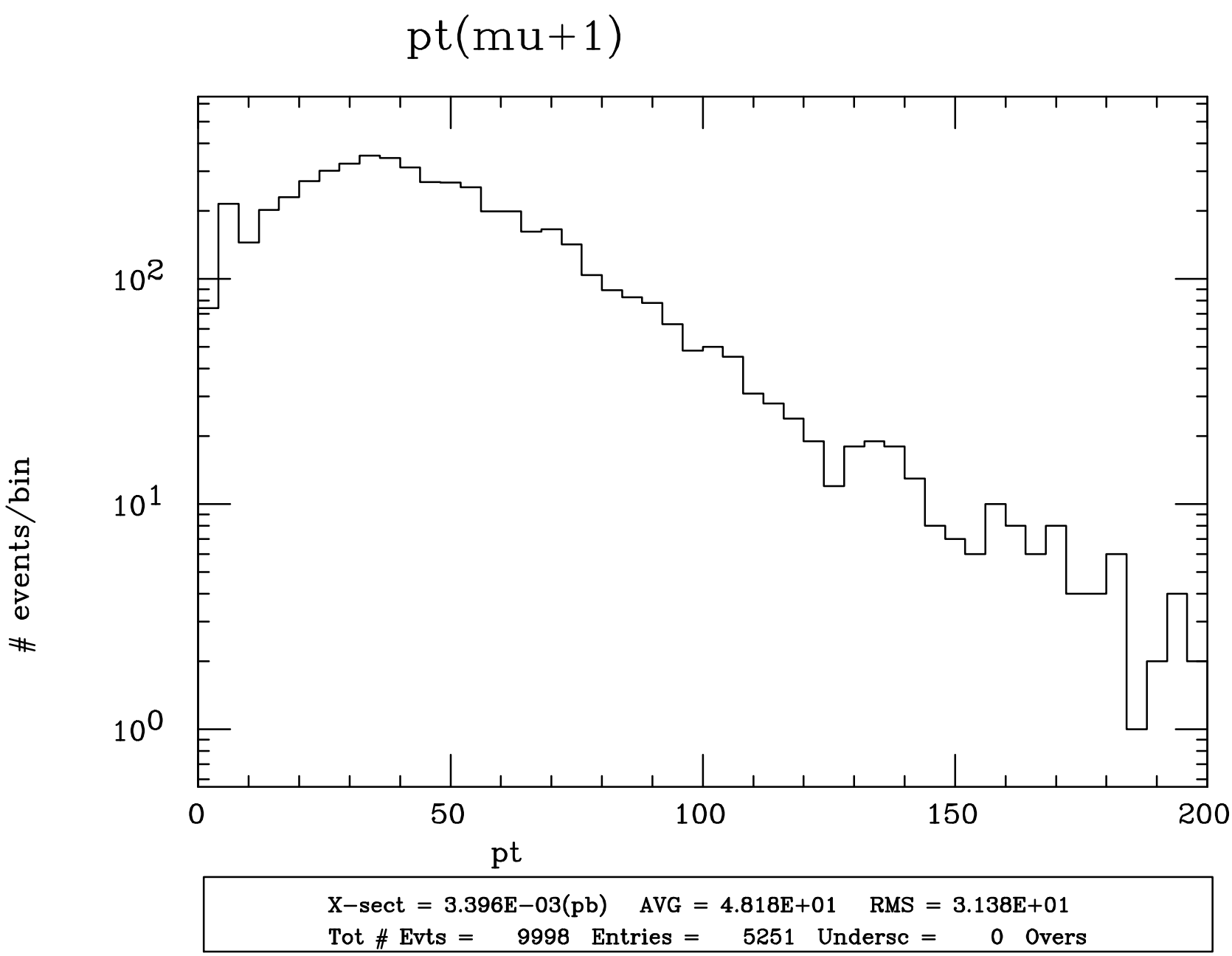

pt(b3)
# events/bin
10.0
5.0
1.0
0.5
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 1.372E+01 RMS = 8.377E+00
Tot # Evts = 9998 Entries = 87 Undersc = 0 Overs

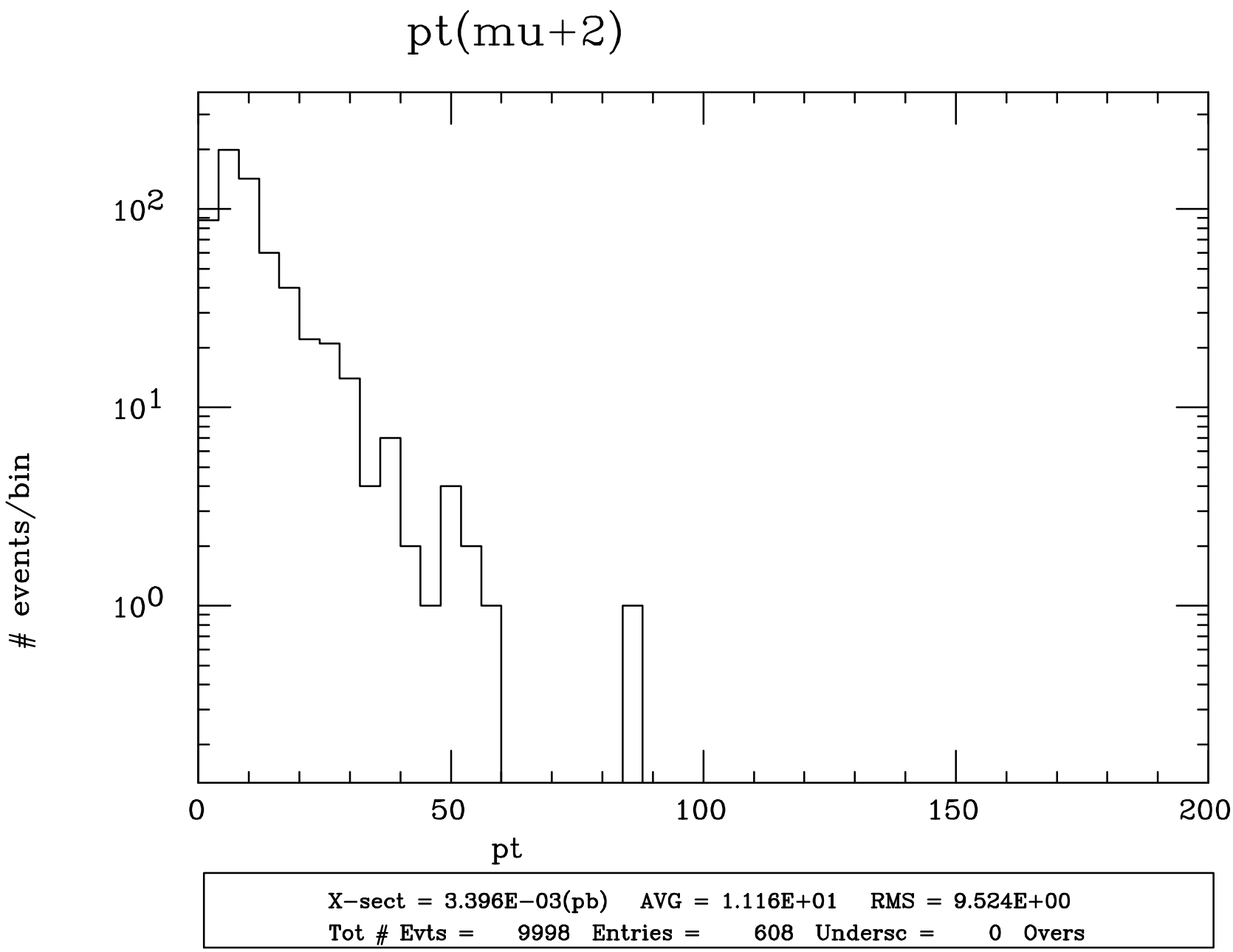

pt(b4)
10.0
5.0
1.0
0.5
events/bin
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 1.400E+01 RMS = 8.000E+00
Tot # Evts = 9998 Entries = 2 Undersc = 0 Overs

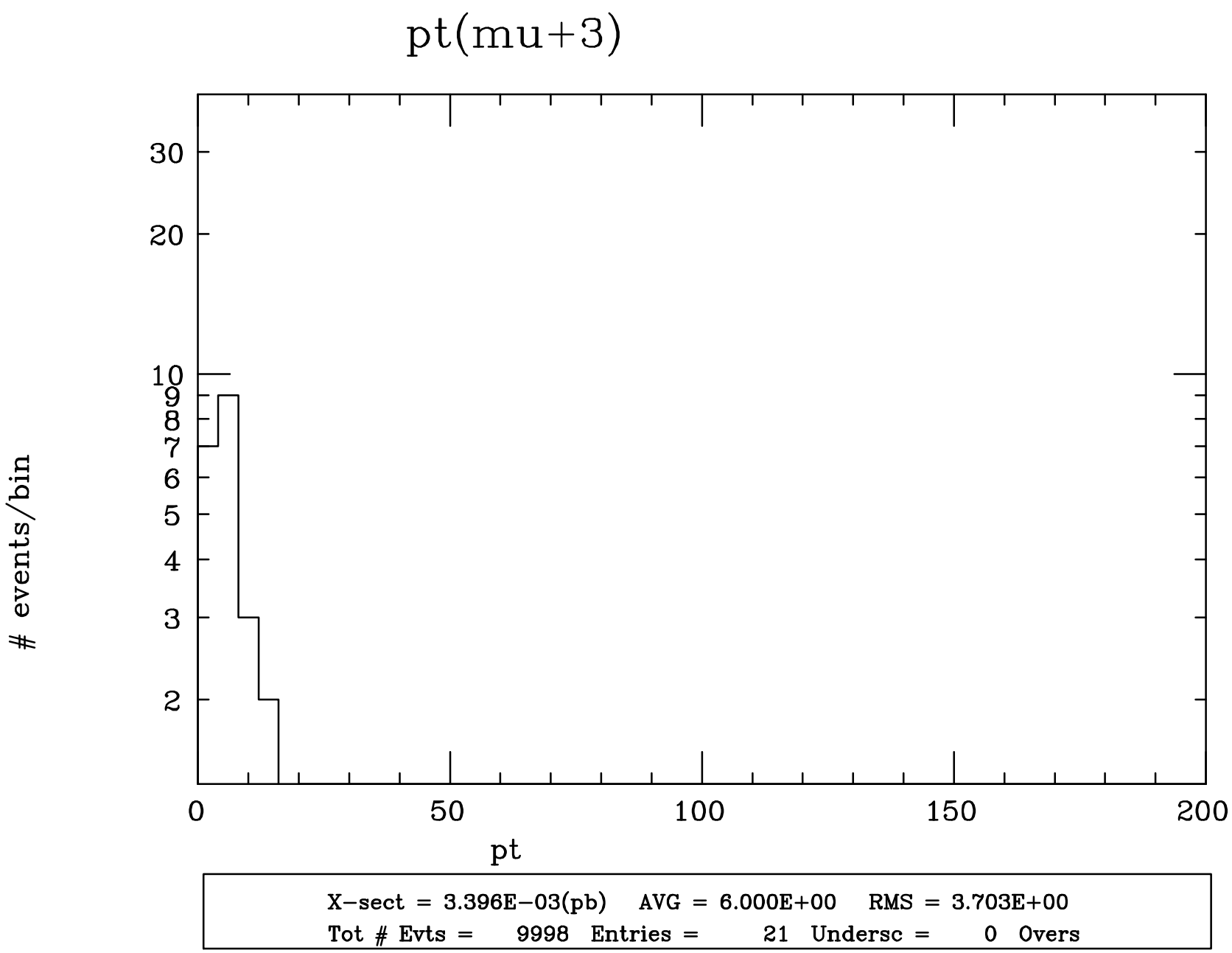

pt(mu−1)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X−sect = 3.396E−03(pb) AVG = 4.798E+01 RMS = 3.193E+01
Tot # Evts = 9998 Entries = 5340 Undersc = 0 Overs

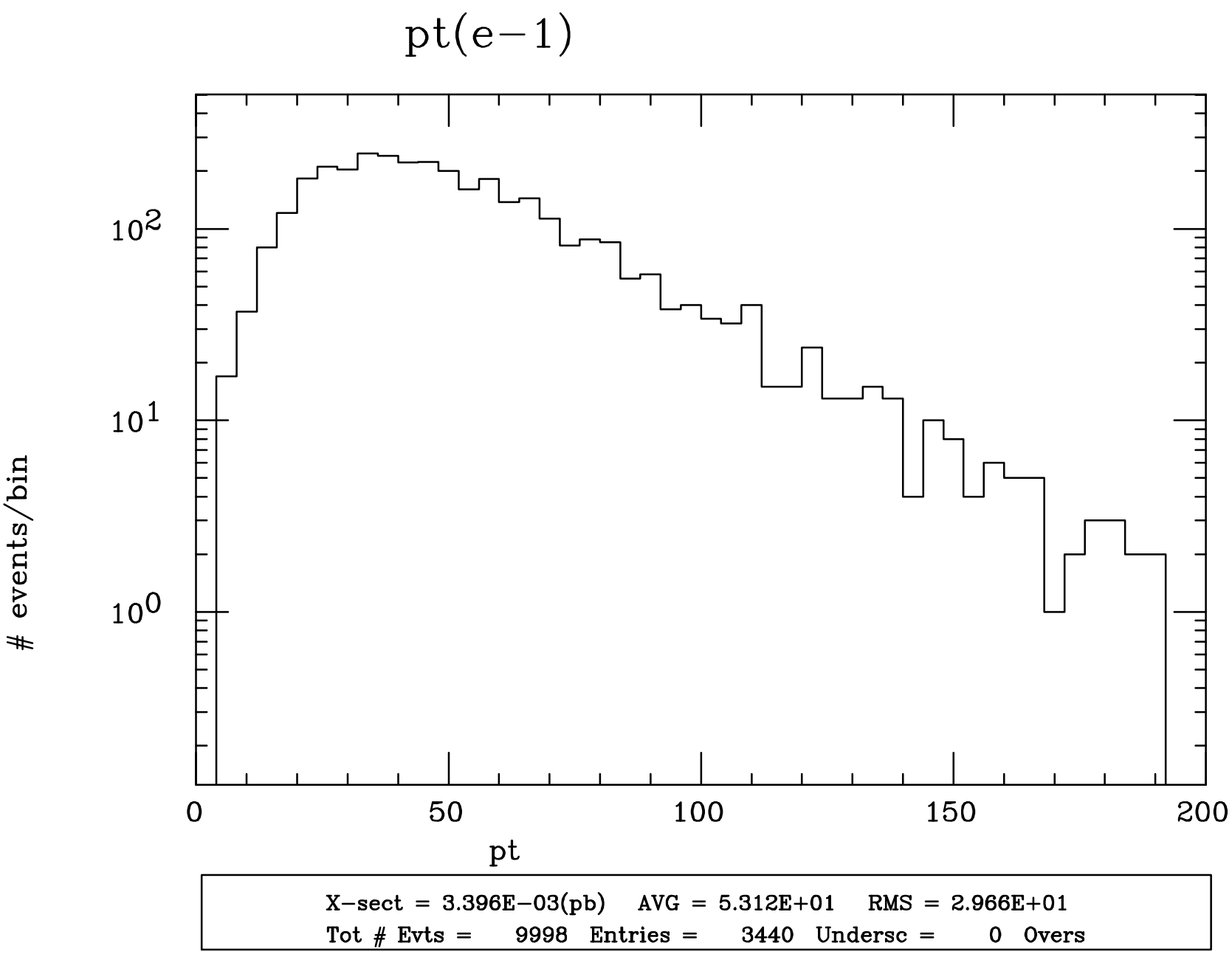

pt(mu−2)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X−sect = 3.396E−03(pb) AVG = 1.073E+01 RMS = 1.004E+01
Tot # Evts = 9998 Entries = 578 Undersc = 0 Overs

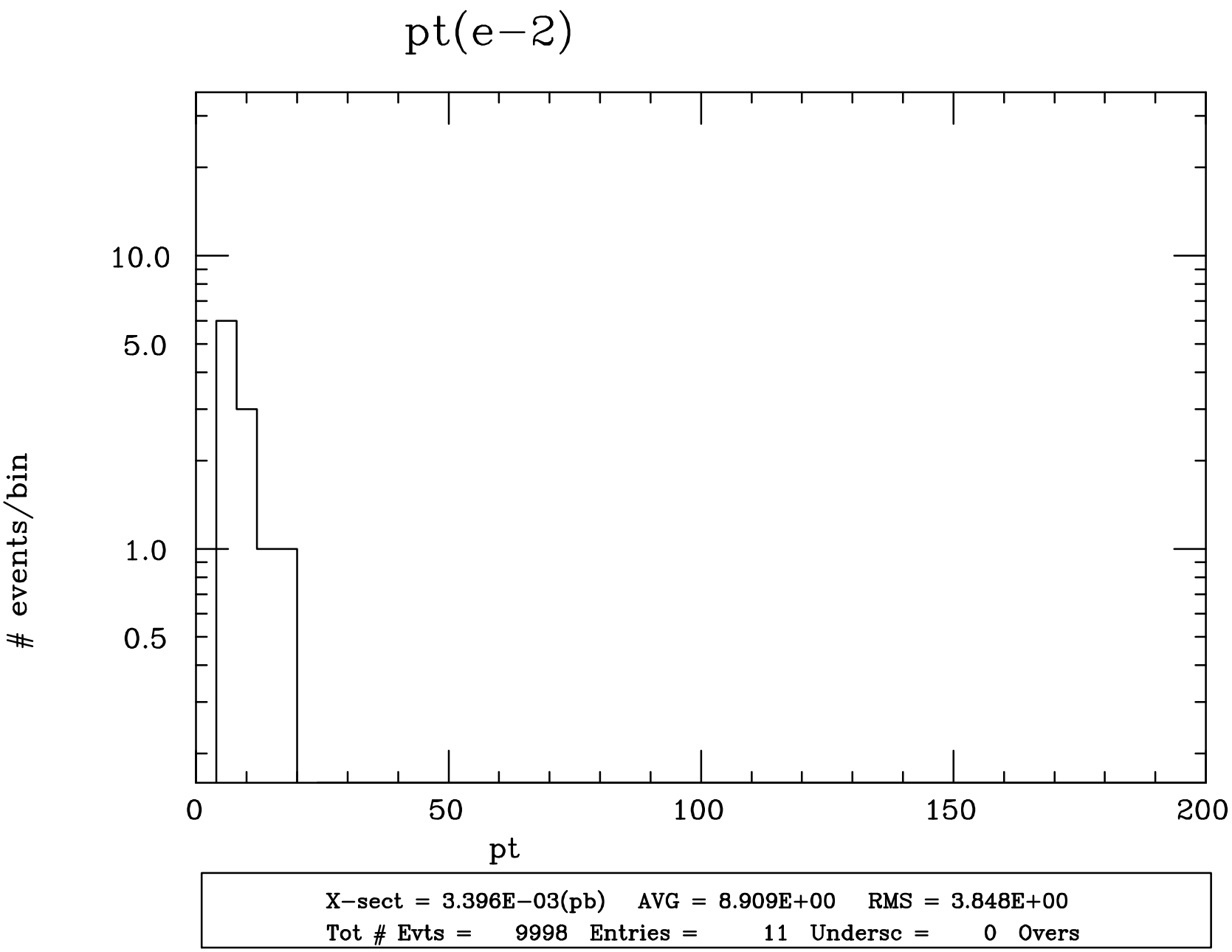

pt(mu−3)
# events/bin
10^1
10^0
0
50
100
150
200
pt
X−sect = 3.396E−03(pb) AVG = 5.478E+00 RMS = 3.598E+00
Tot # Evts = 9998 Entries = 23 Undersc = 0 Overs

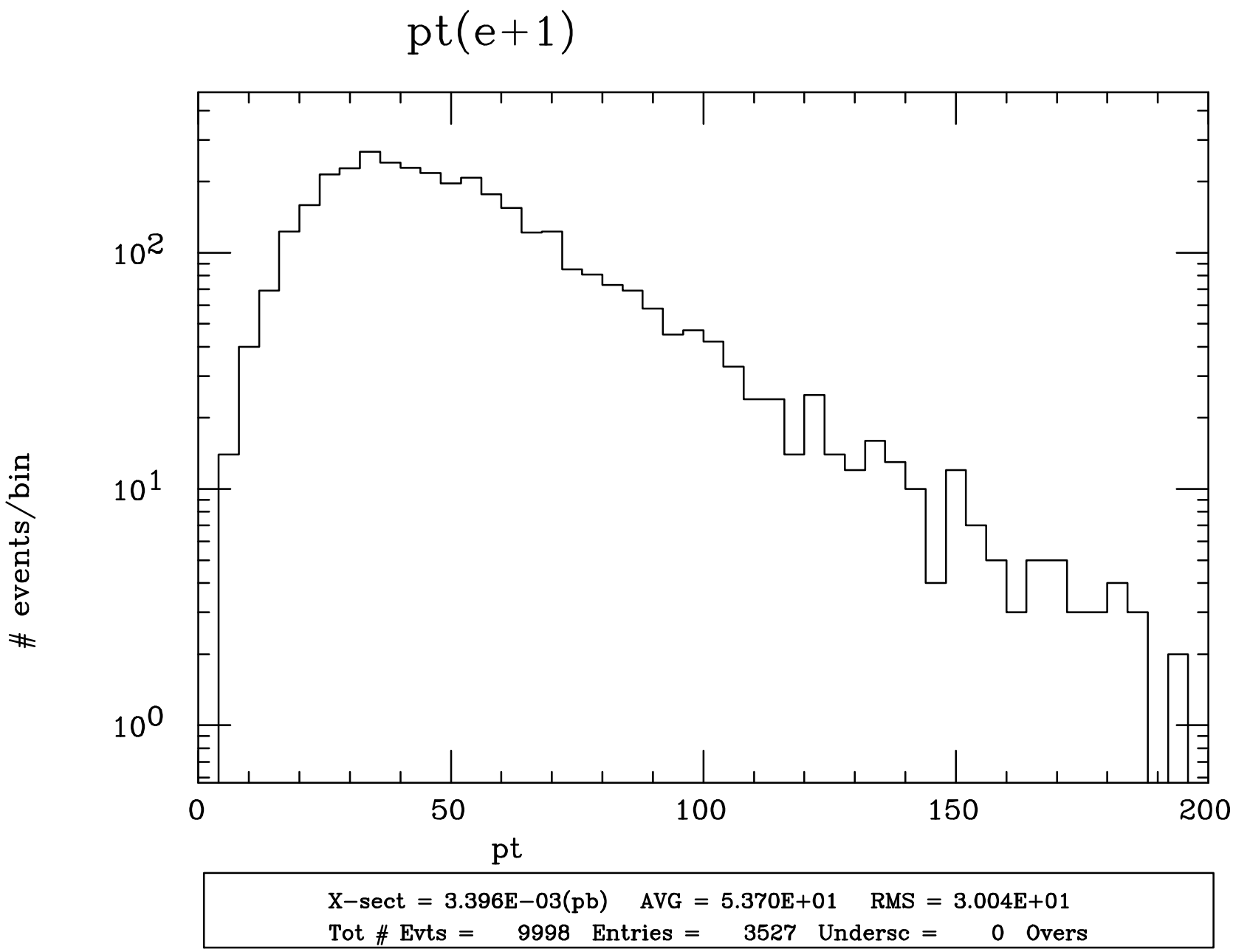

pt(mu+1)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 4.818E+01 RMS = 3.138E+01
Tot # Evts = 9998 Entries = 5251 Undersc = 0 Overs

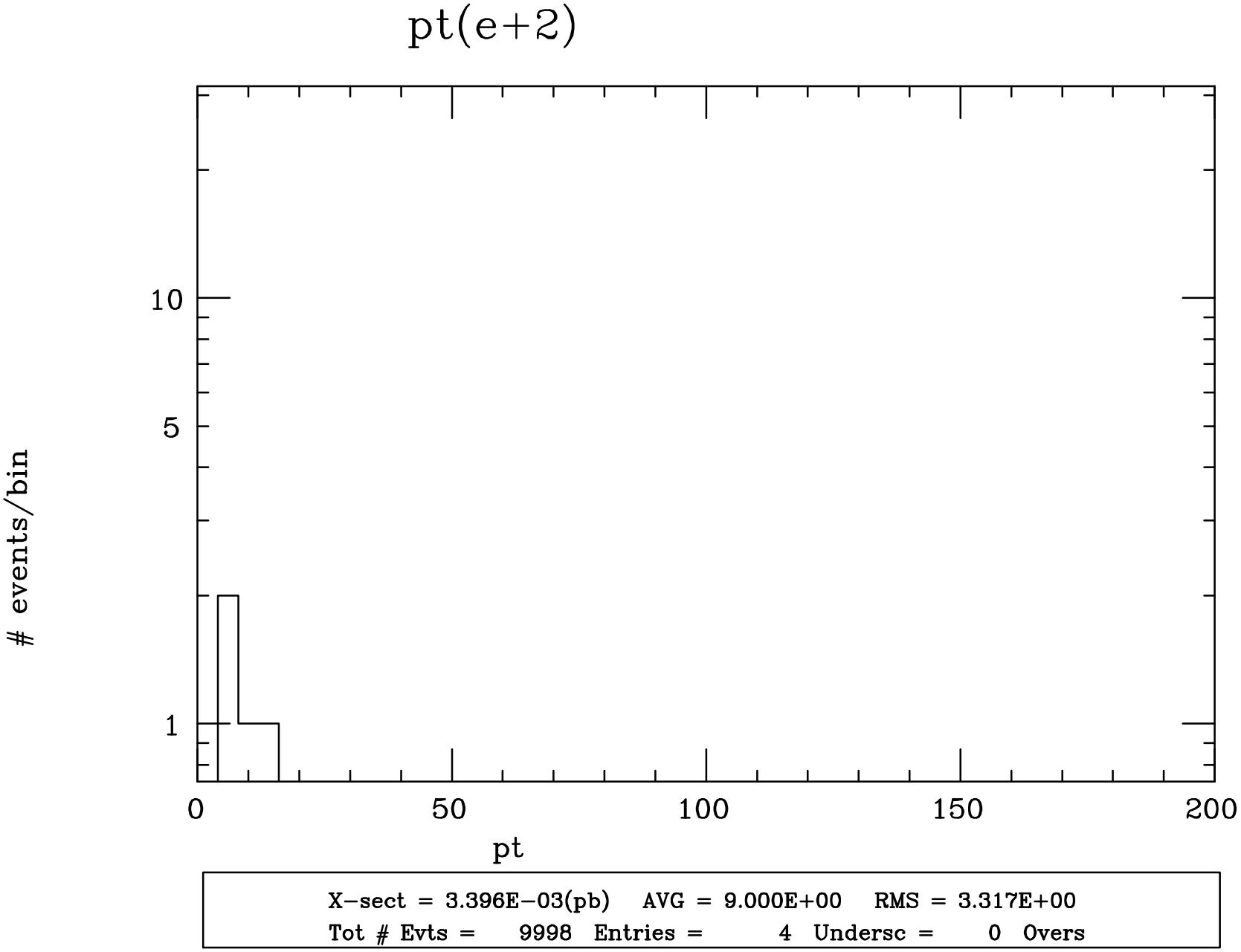

pt(mu+2)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 1.116E+01 RMS = 9.524E+00
Tot # Evts = 9998 Entries = 608 Undersc = 0 Overs

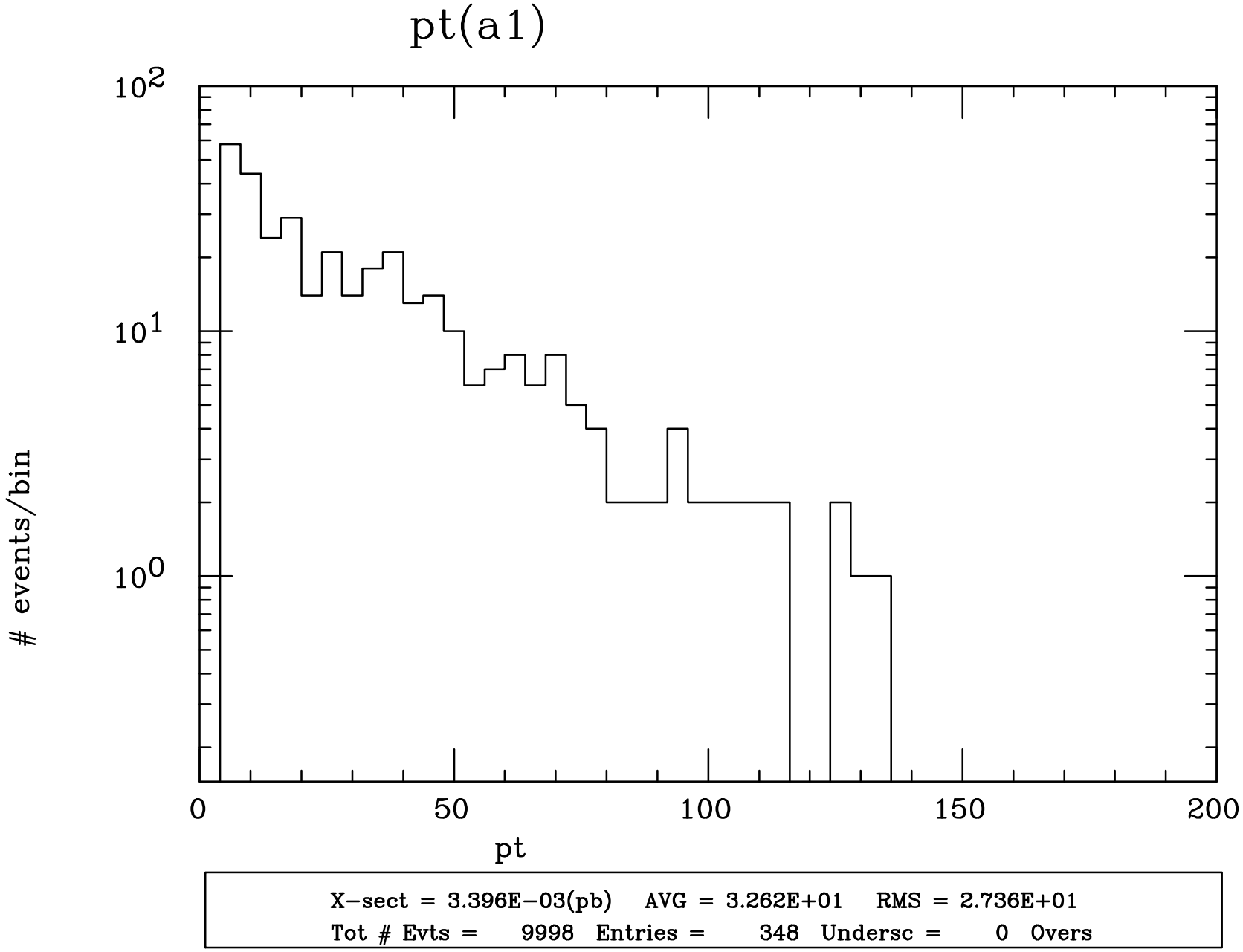

pt(mu+3)
30
20
10
9
8
7
6
5
4
3
2
events/bin
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 6.000E+00 RMS = 3.703E+00
Tot # Evts = 9998 Entries = 21 Undersc = 0 Overs

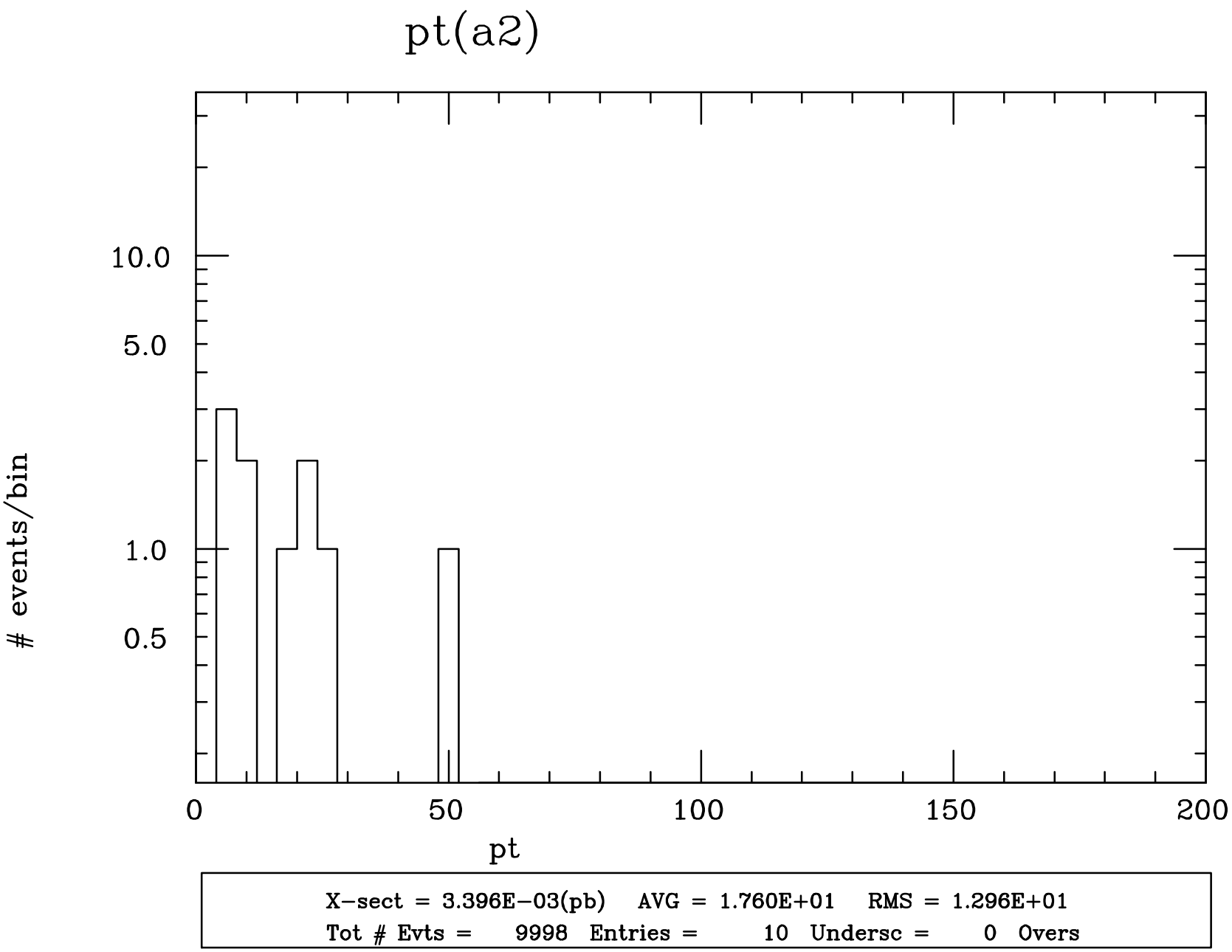

pt(e−1)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X−sect = 3.396E−03(pb) AVG = 5.312E+01 RMS = 2.966E+01
Tot # Evts = 9998 Entries = 3440 Undersc = 0 Overs

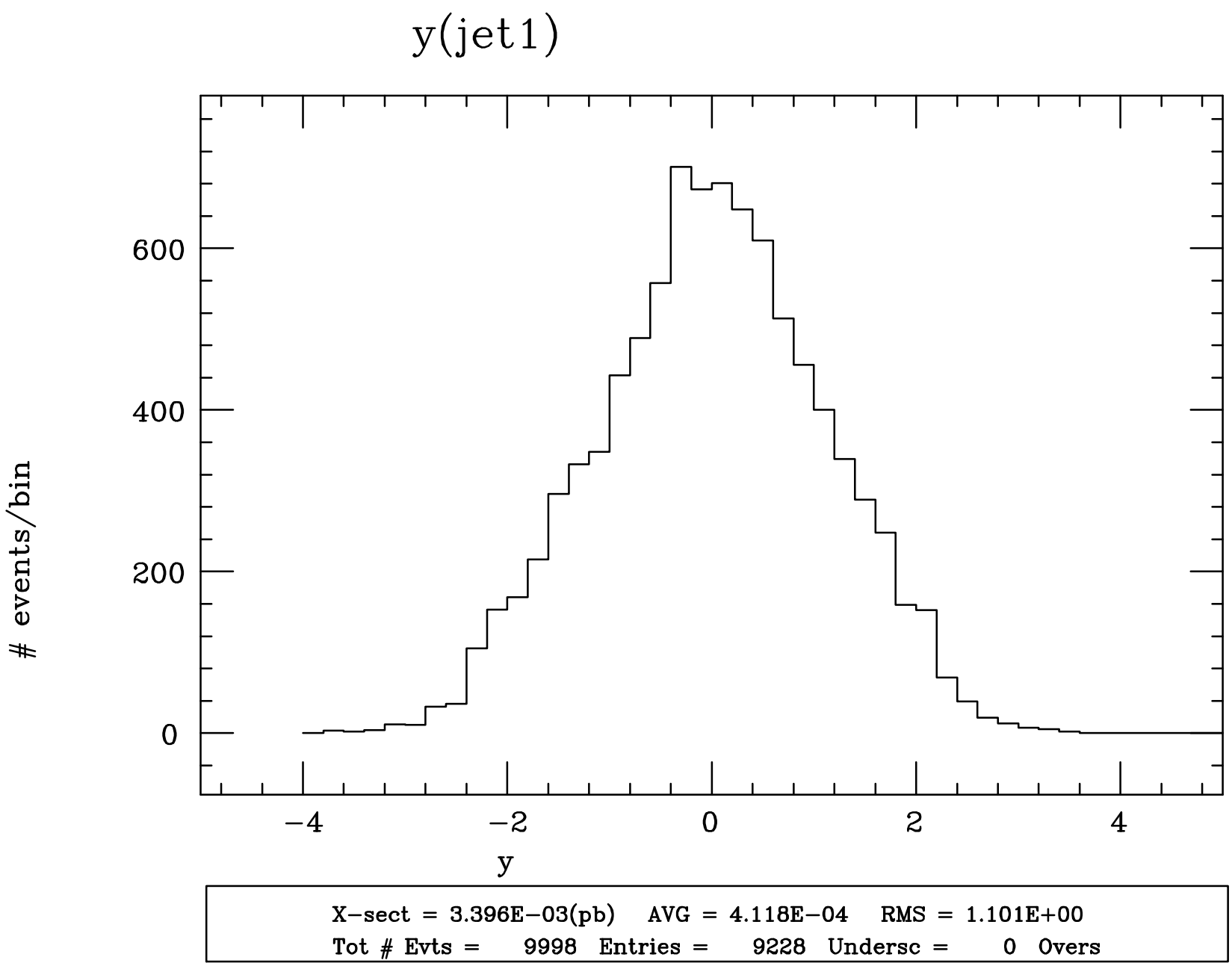

pt(e-2)
10.0
5.0
1.0
0.5
events/bin
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 8.909E+00 RMS = 3.848E+00
Tot # Evts = 9998 Entries = 11 Undersc = 0 Overs

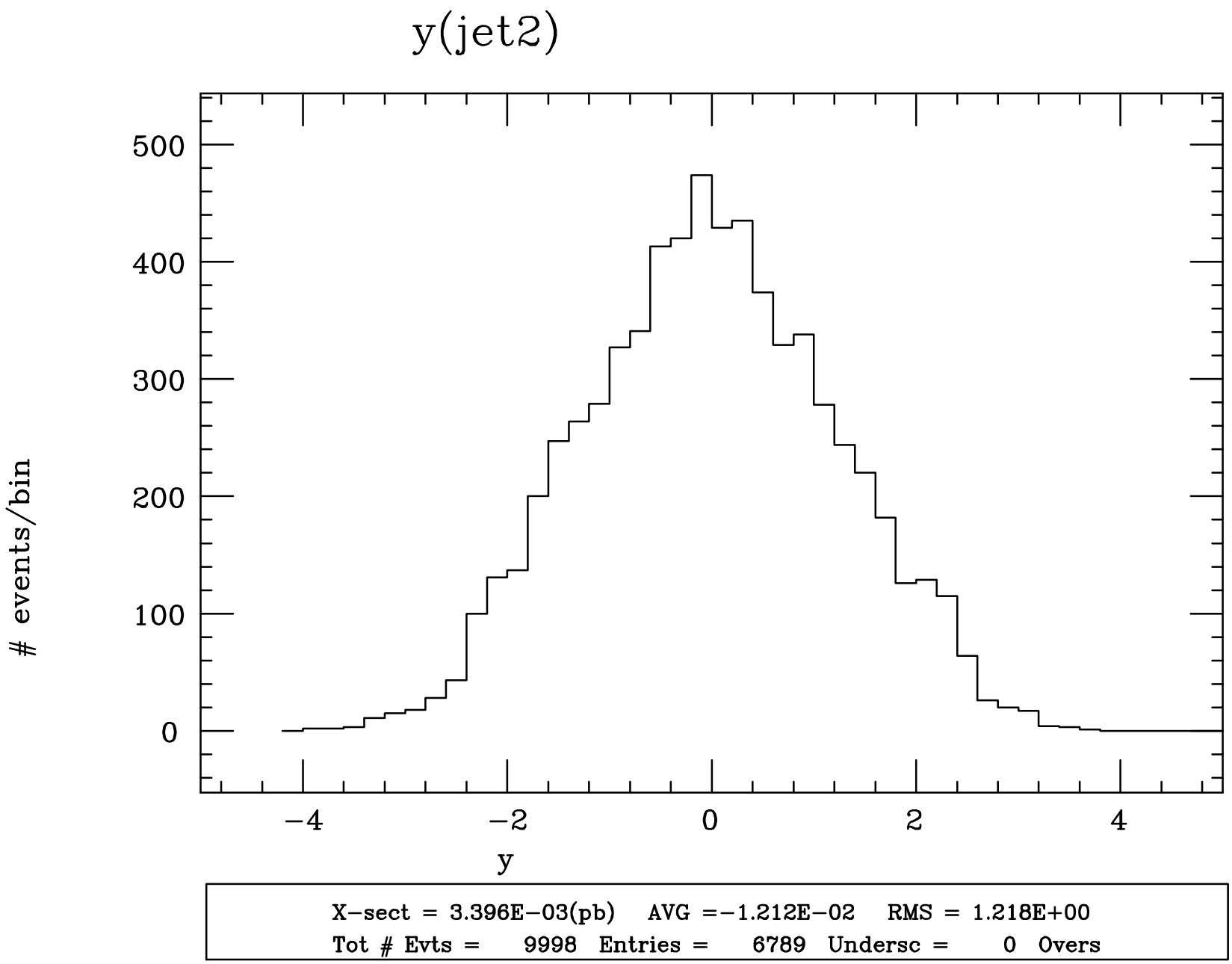

pt(e+1)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 5.370E+01 RMS = 3.004E+01
Tot # Evts = 9998 Entries = 3527 Undersc = 0 Overs

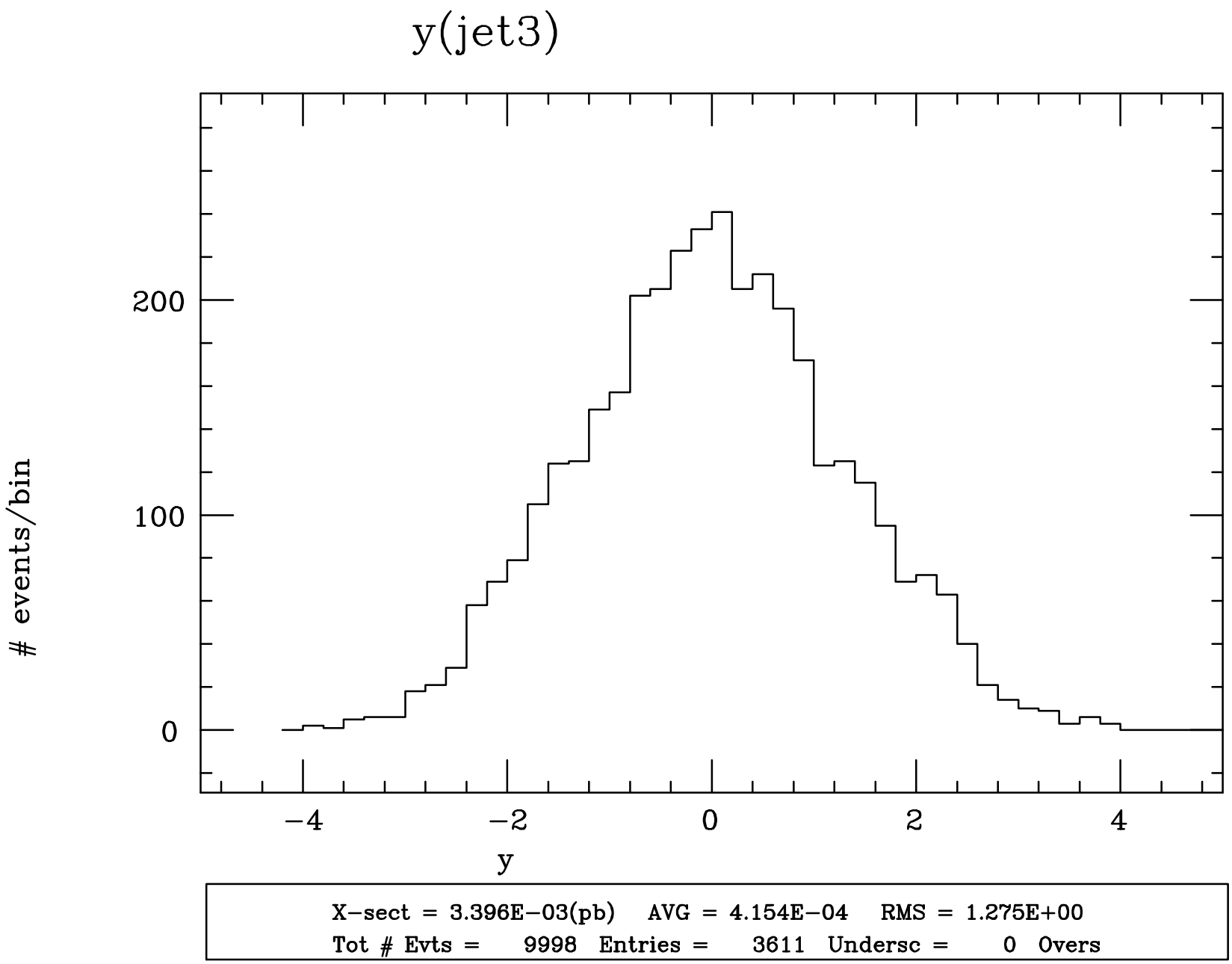

pt(e+2)
# events/bin
10
5
1
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 9.000E+00 RMS = 3.317E+00
Tot # Evts = 9998 Entries = 4 Undersc = 0 Overs

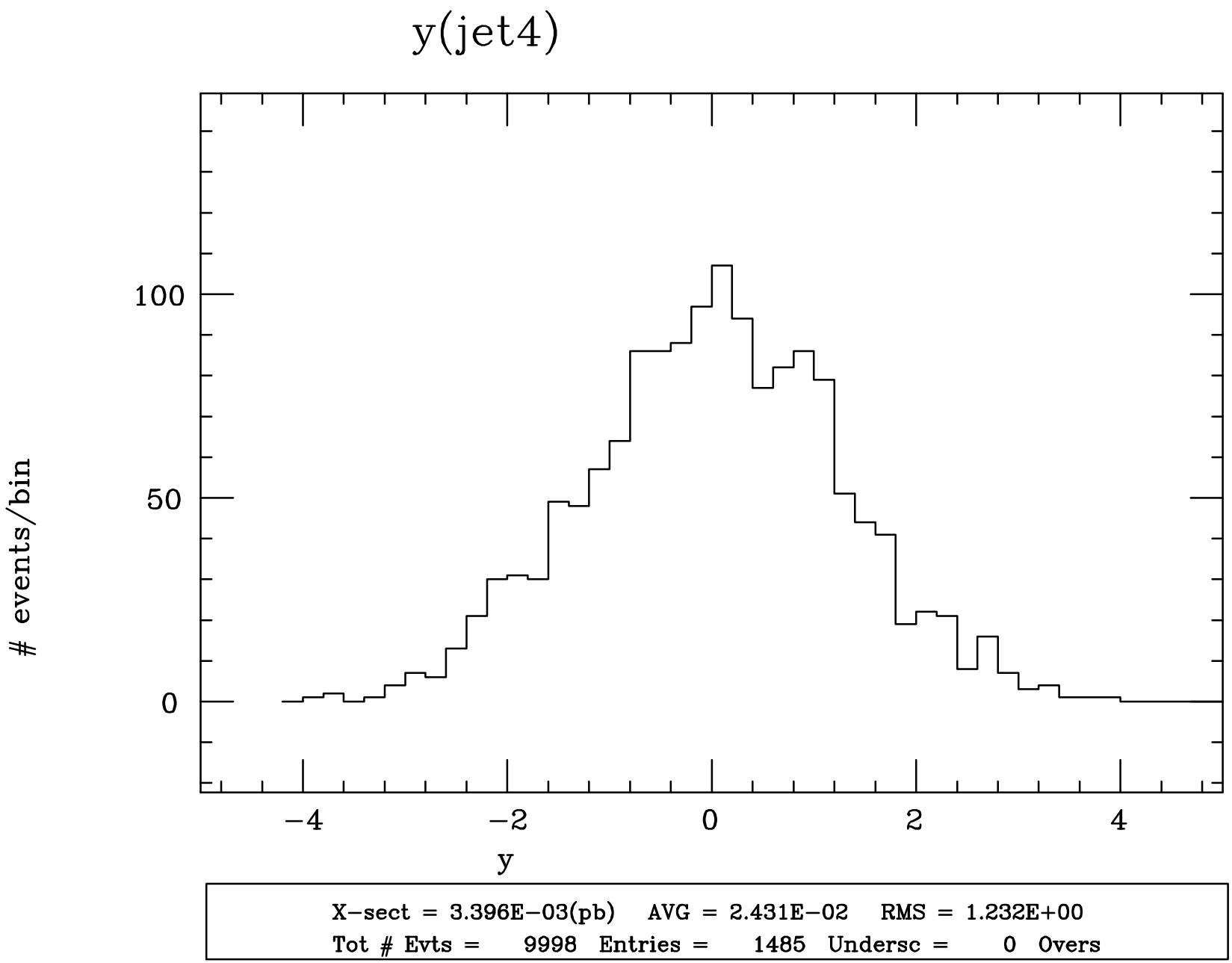

pt(a1)
10^2
10^1
10^0
events/bin
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 3.262E+01 RMS = 2.736E+01
Tot # Evts = 9998 Entries = 348 Undersc = 0 Overs

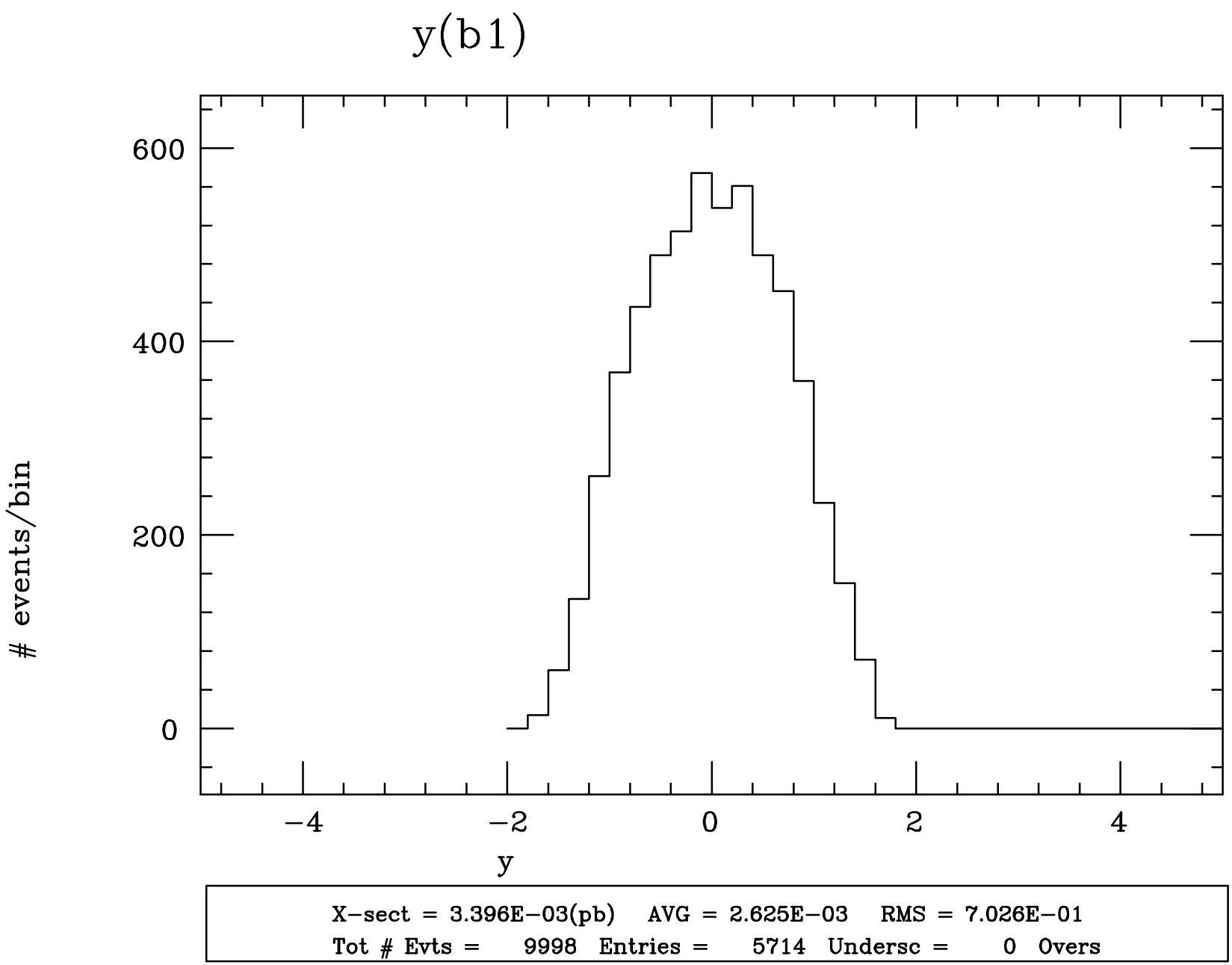

pt(a2)
10.0
5.0
1.0
0.5
events/bin
0
50
100
150
200
pt
X-sect = 3.396E-03(pb) AVG = 1.760E+01 RMS = 1.296E+01
Tot # Evts = 9998 Entries = 10 Undersc = 0 Overs

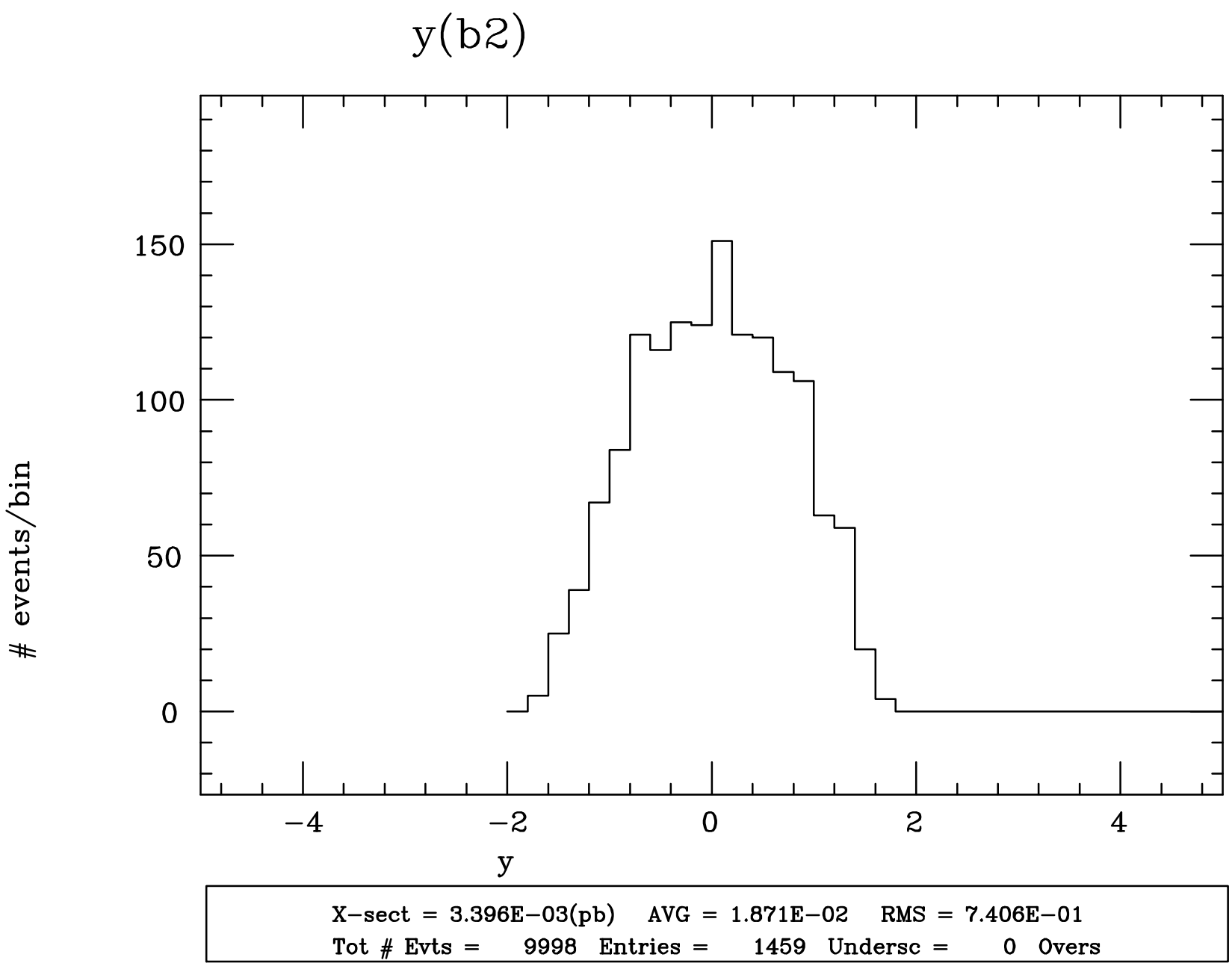

y(jet1)
# events/bin
600
400
200
0
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG = 4.118E−04 RMS = 1.101E+00
Tot # Evts = 9998 Entries = 9228 Undersc = 0 Overs

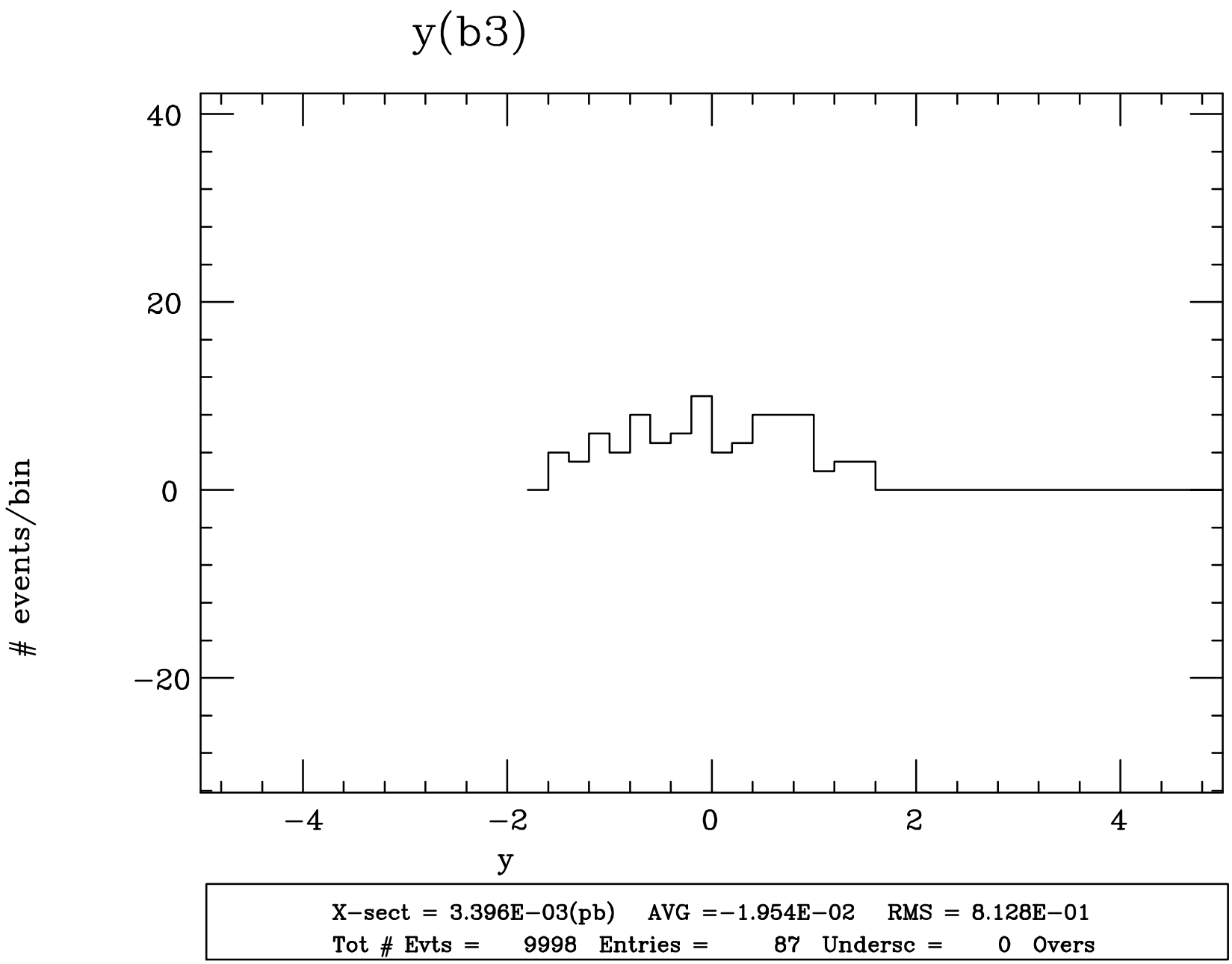

y(jet2)
# events/bin
500
400
300
200
100
0
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG =−1.212E−02 RMS = 1.218E+00
Tot # Evts = 9998 Entries = 6789 Undersc = 0 Overs

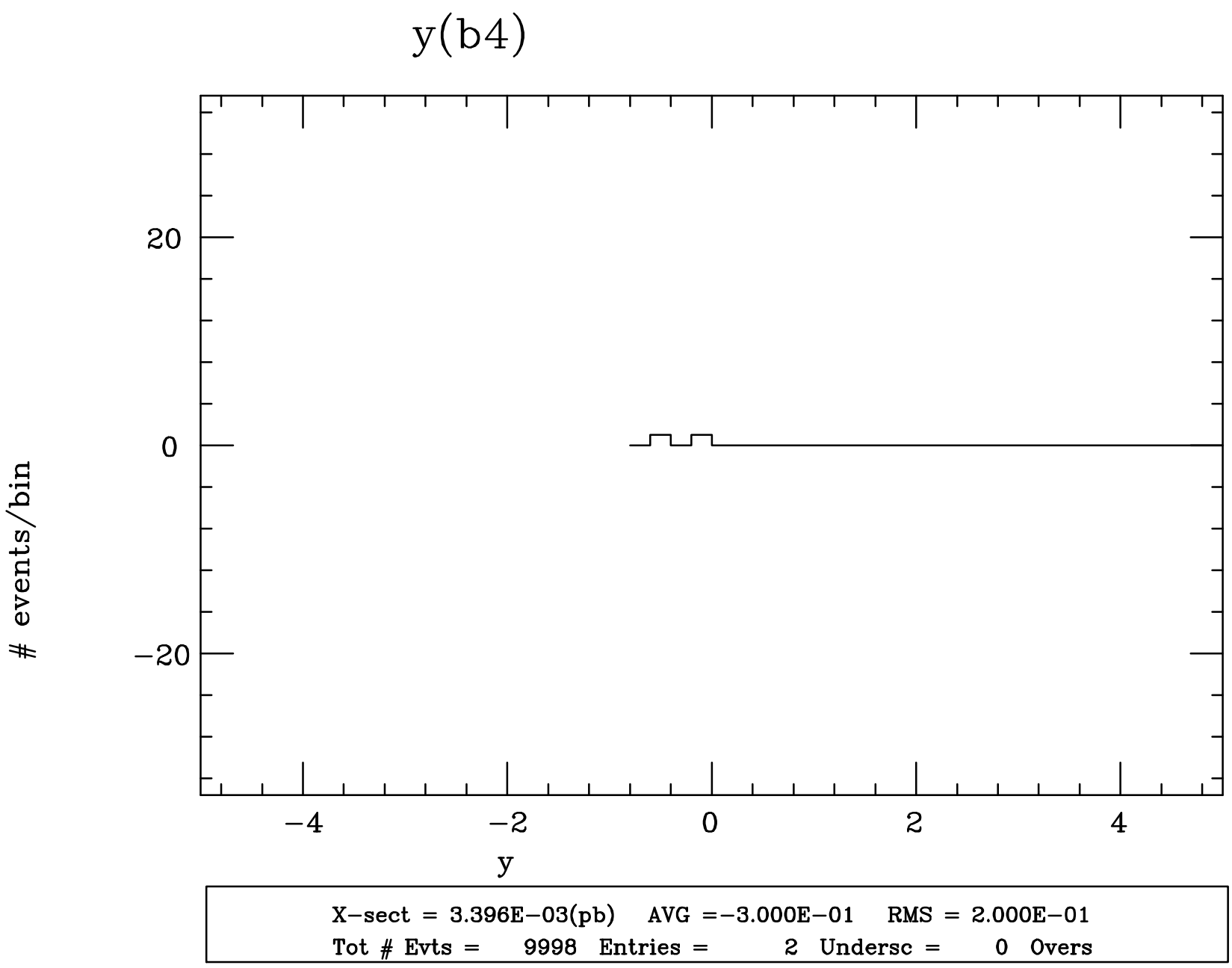

y(jet3)
# events/bin
200
100
0
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG = 4.154E−04 RMS = 1.275E+00
Tot # Evts = 9998 Entries = 3611 Undersc = 0 Overs

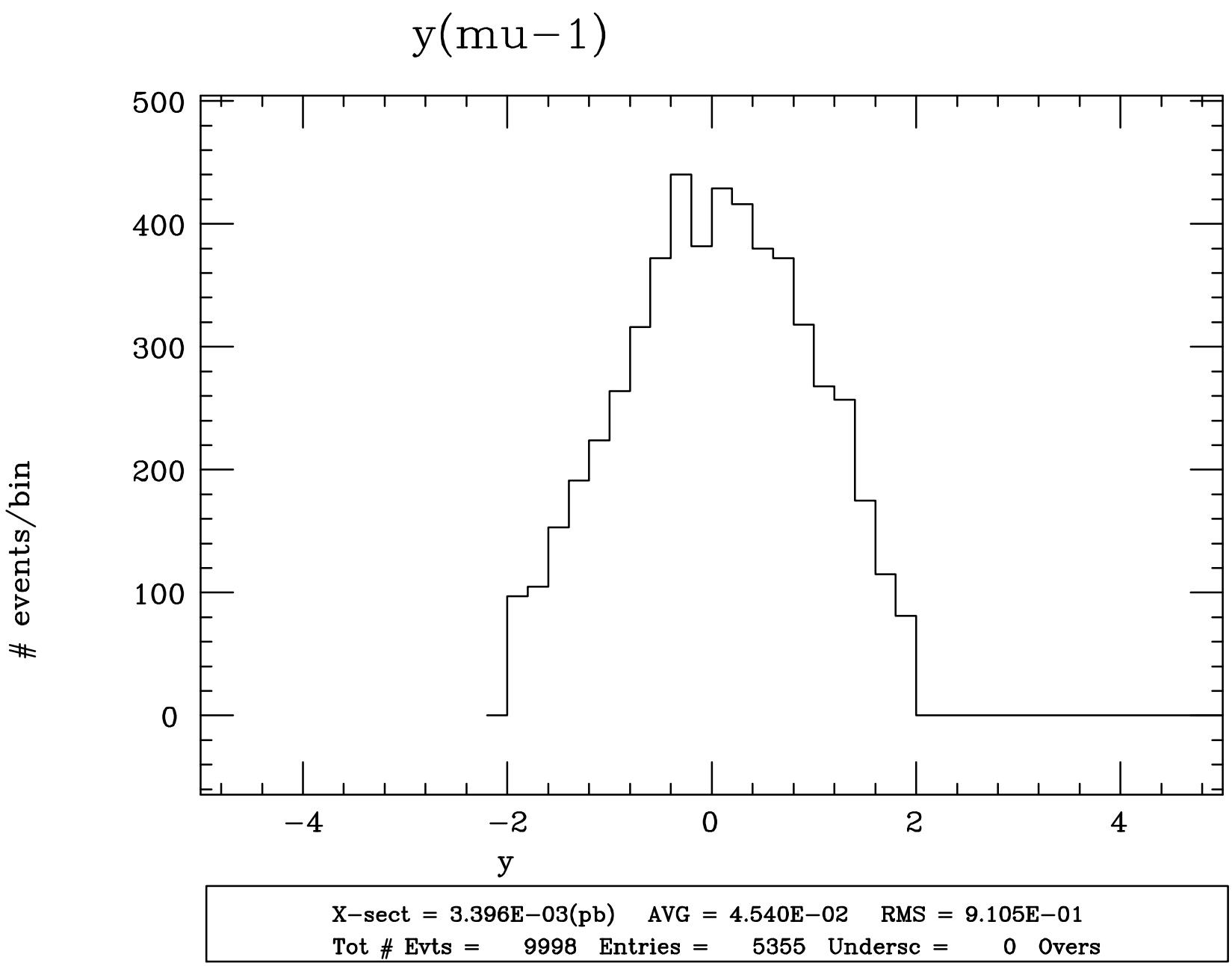

y(jet4)
# events/bin
100
50
0
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG = 2.431E−02 RMS = 1.232E+00
Tot # Evts = 9998 Entries = 1485 Undersc = 0 Overs

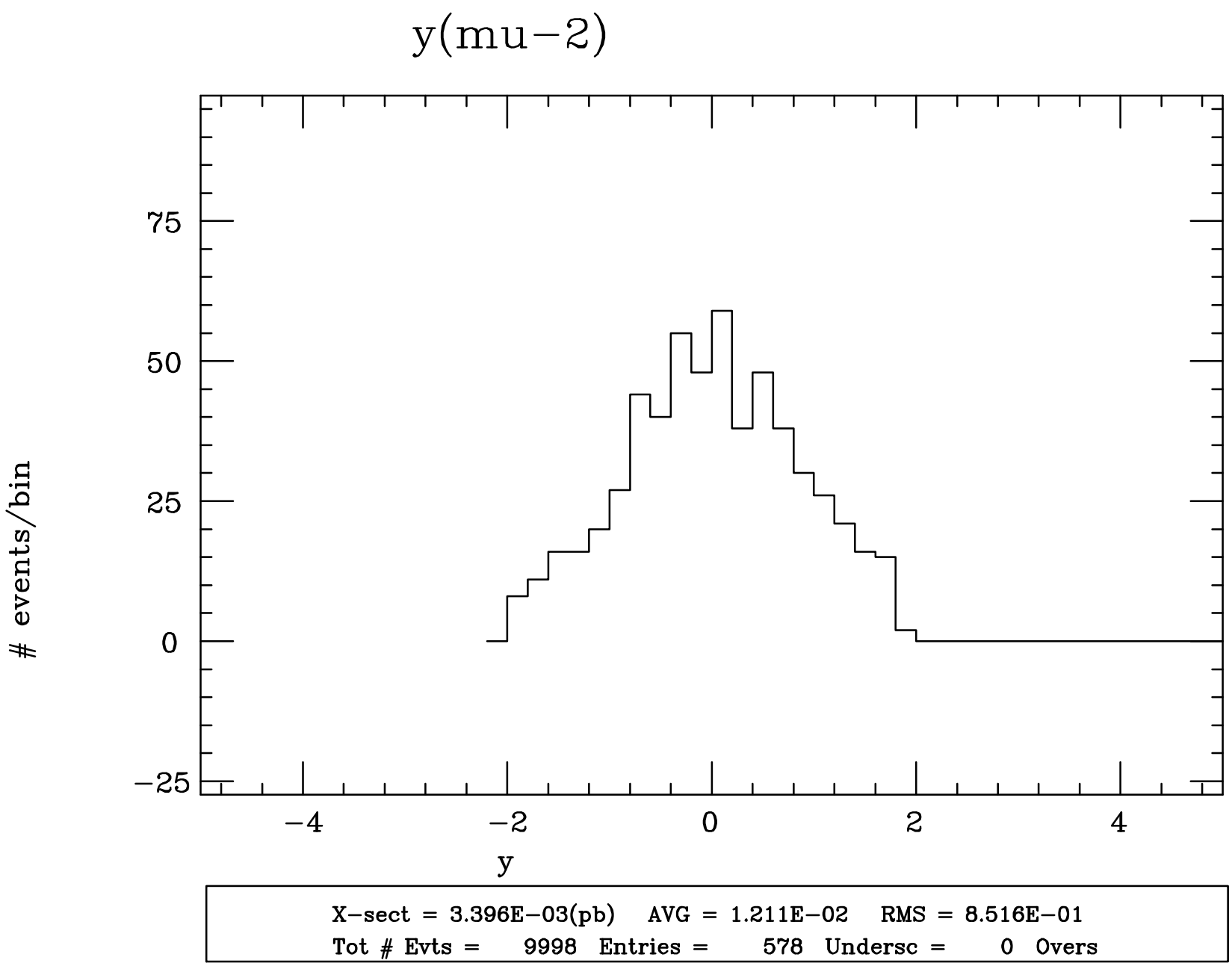

y(b1)
600
400
200
0
events/bin
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG = 2.625E−03 RMS = 7.026E−01
Tot # Evts = 9998 Entries = 5714 Undersc = 0 Overs

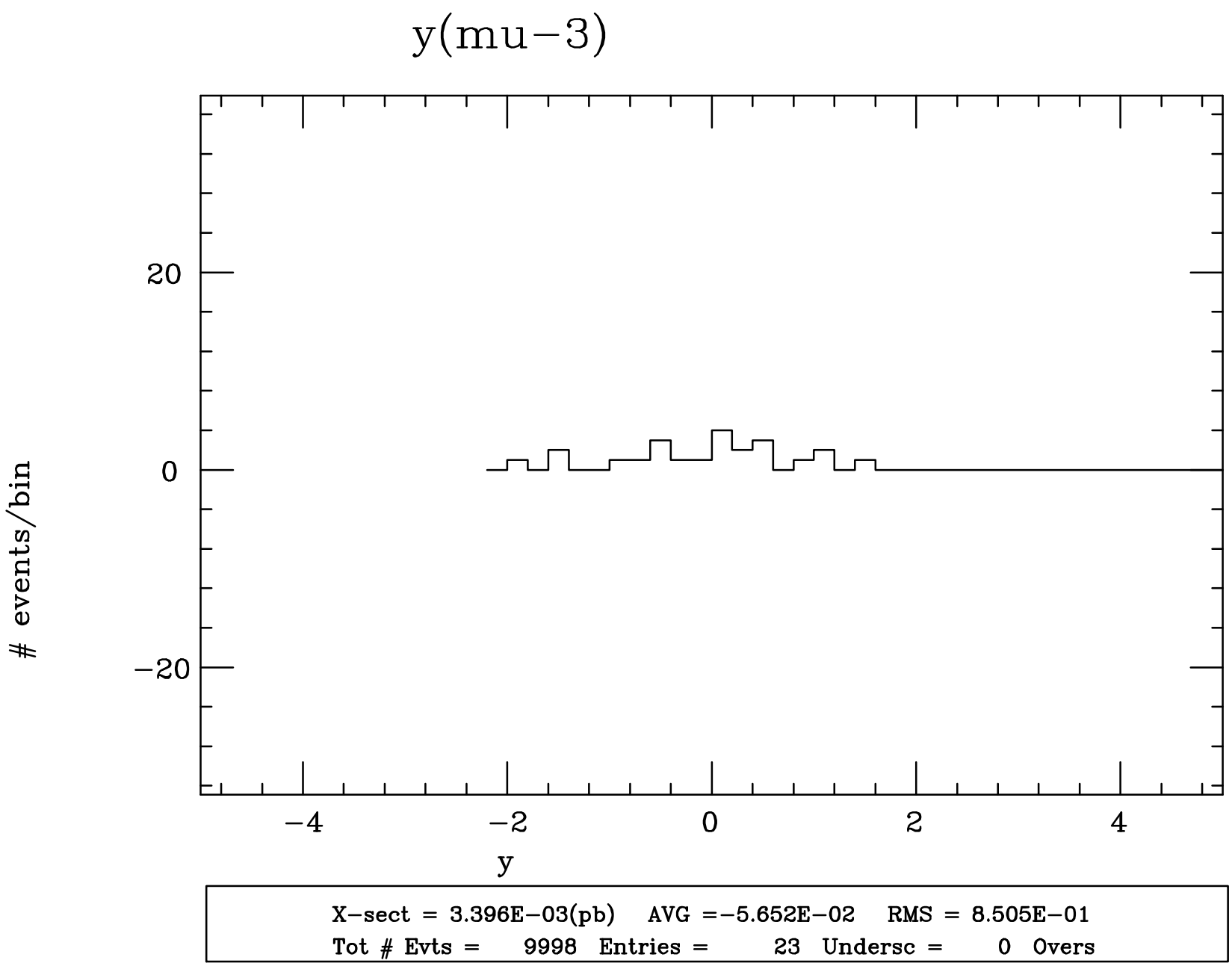

y(b2)
150
100
50
0
events/bin
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG = 1.871E−02 RMS = 7.406E−01
Tot # Evts = 9998 Entries = 1459 Undersc = 0 Overs

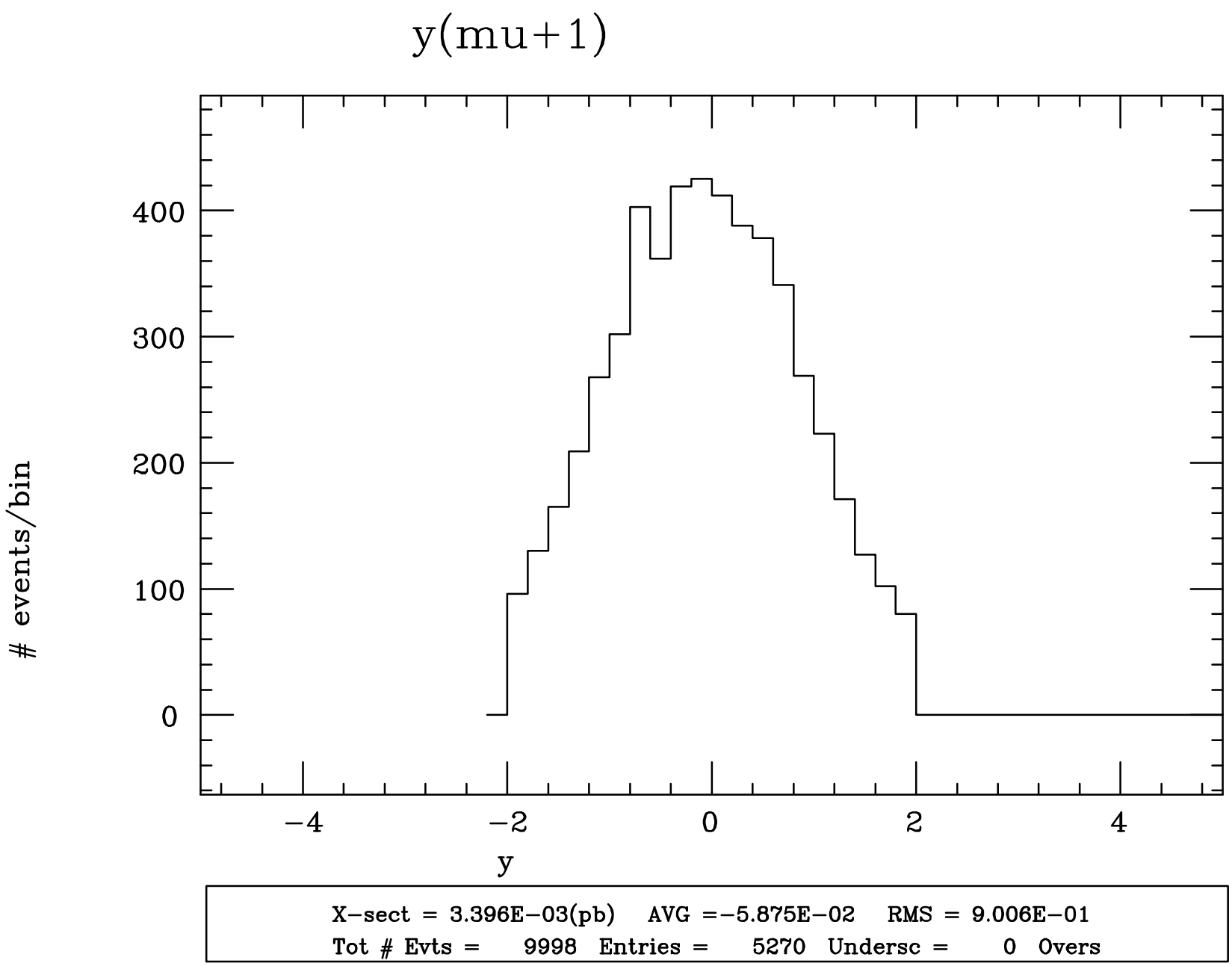

y(b3)
40
20
0
−20
events/bin
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG =−1.954E−02 RMS = 8.128E−01
Tot # Evts = 9998 Entries = 87 Undersc = 0 Overs

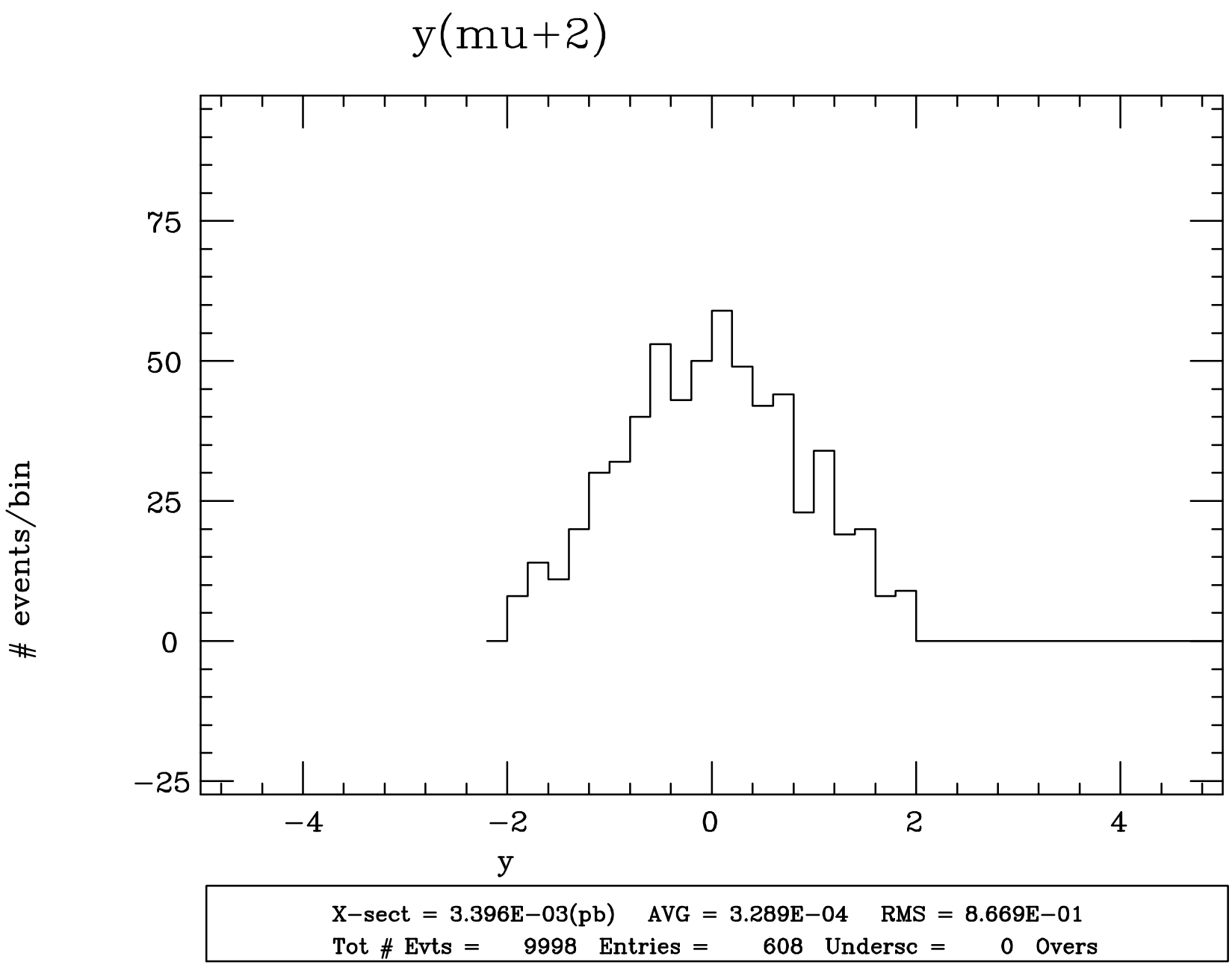

y(b4)
20
0
−20
events/bin
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG =−3.000E−01 RMS = 2.000E−01
Tot # Evts = 9998 Entries = 2 Undersc = 0 Overs

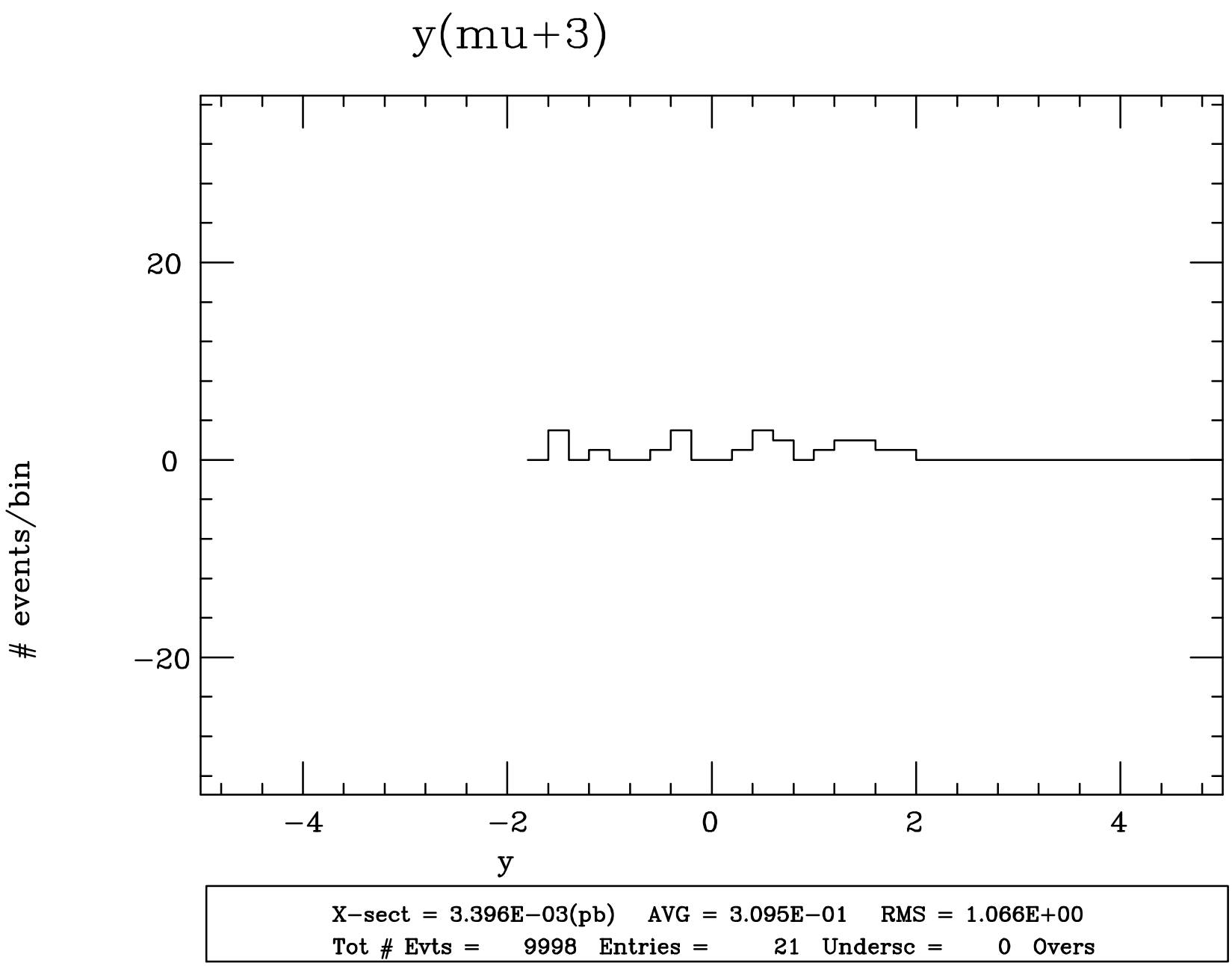

y(mu−1)
500
400
300
200
100
0
events/bin
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG = 4.540E−02 RMS = 9.105E−01
Tot # Evts = 9998 Entries = 5355 Undersc = 0 Overs

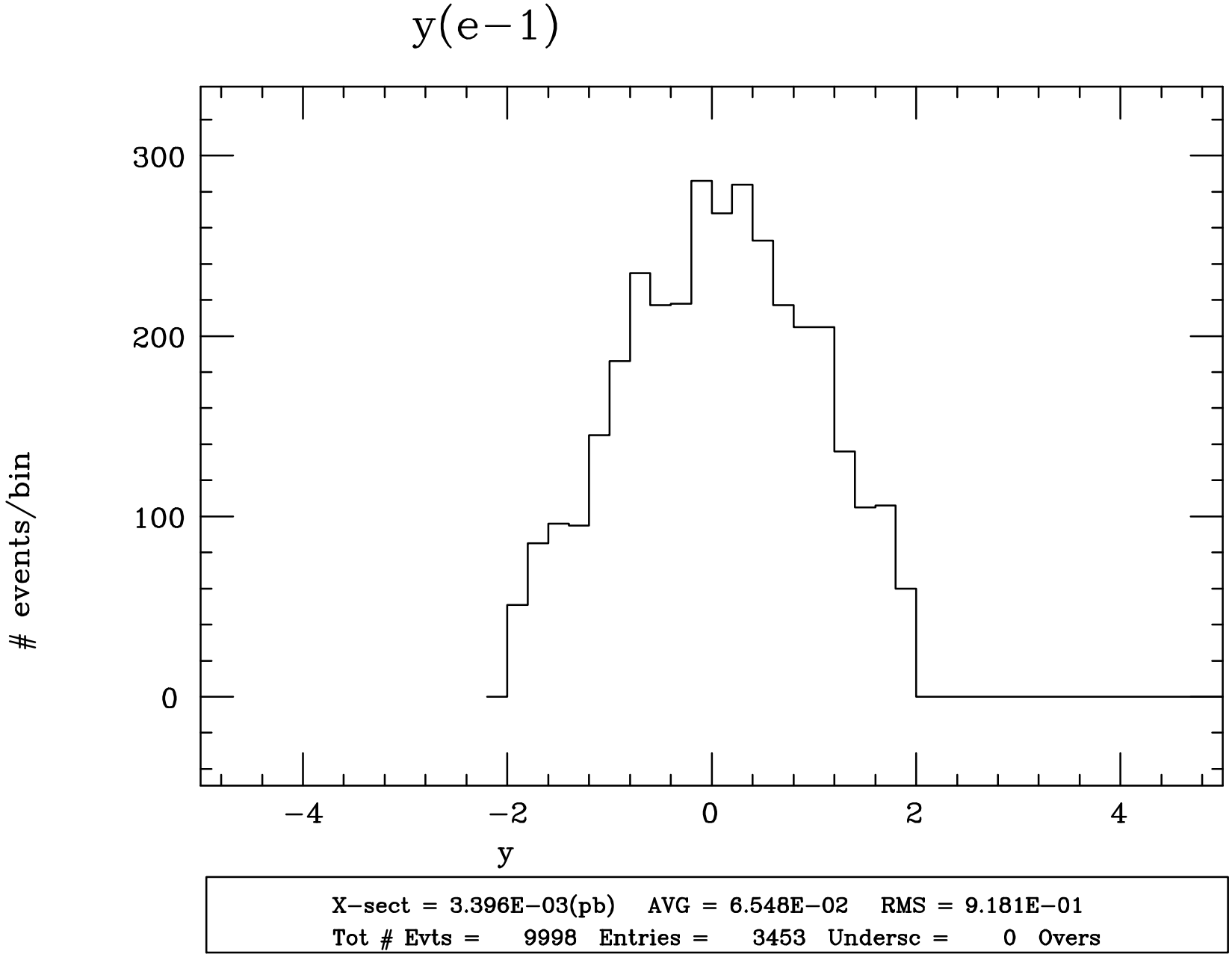

y(mu-2)
# events/bin
75
50
25
0
-25
-4
-2
0
2
4
y
X-sect = 3.396E-03(pb) AVG = 1.211E-02 RMS = 8.516E-01
Tot # Evts = 9998 Entries = 578 Undersc = 0 Overs

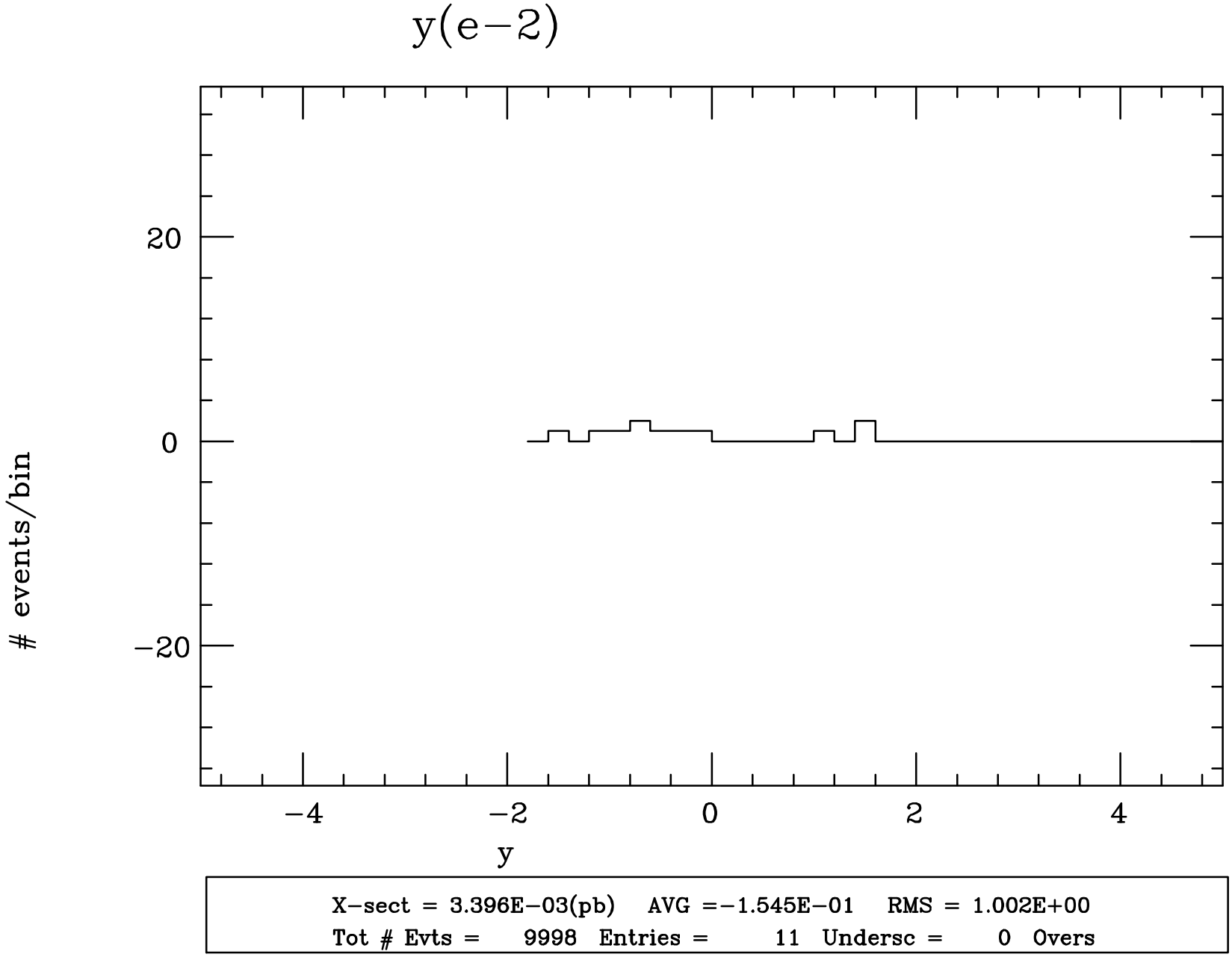

y(mu−3)
# events/bin
20
0
−20
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG =−5.652E−02 RMS = 8.505E−01
Tot # Evts = 9998 Entries = 23 Undersc = 0 Overs

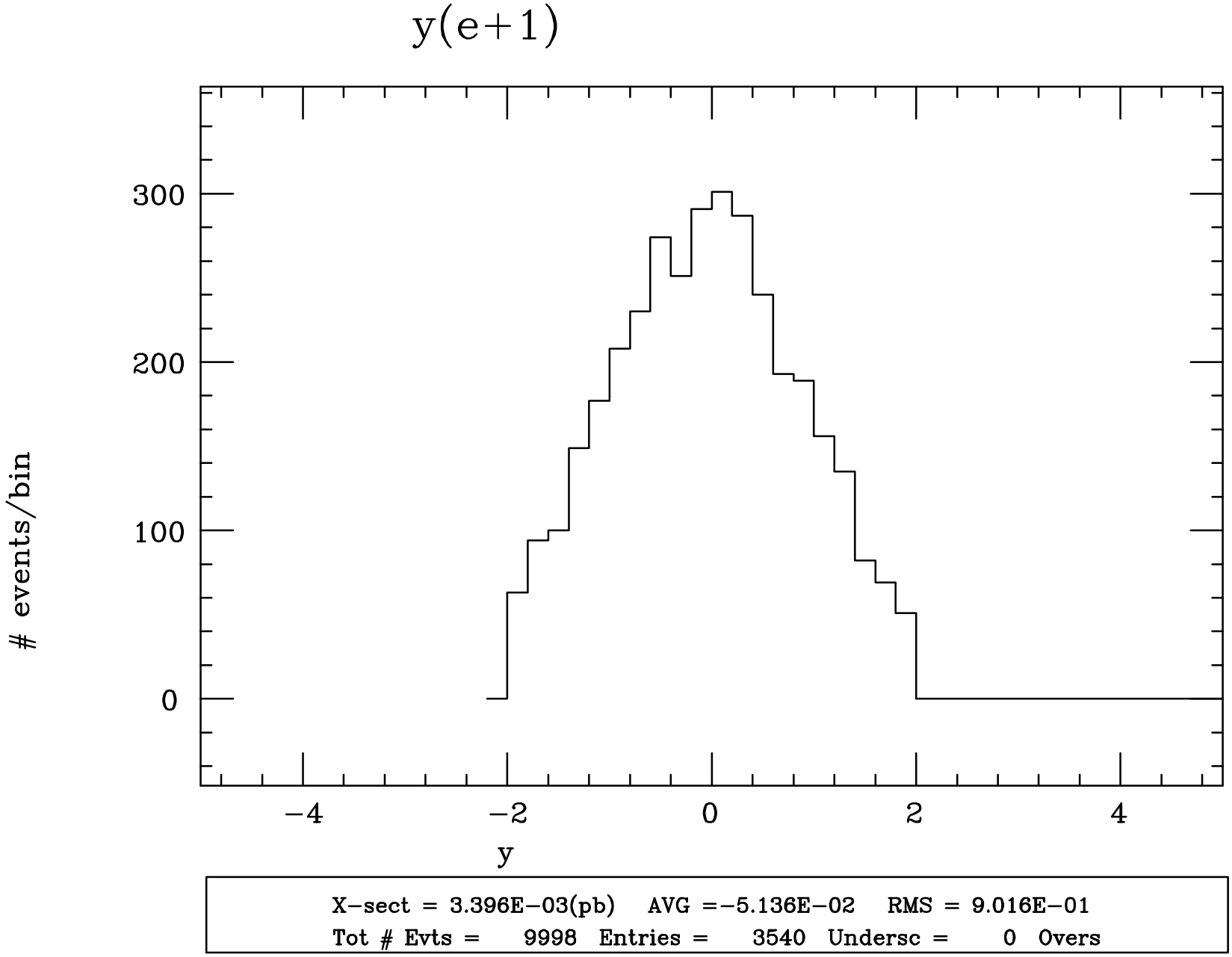

y(mu+1)
# events/bin
400
300
200
100
0
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG =−5.875E−02 RMS = 9.006E−01
Tot # Evts = 9998 Entries = 5270 Undersc = 0 Overs

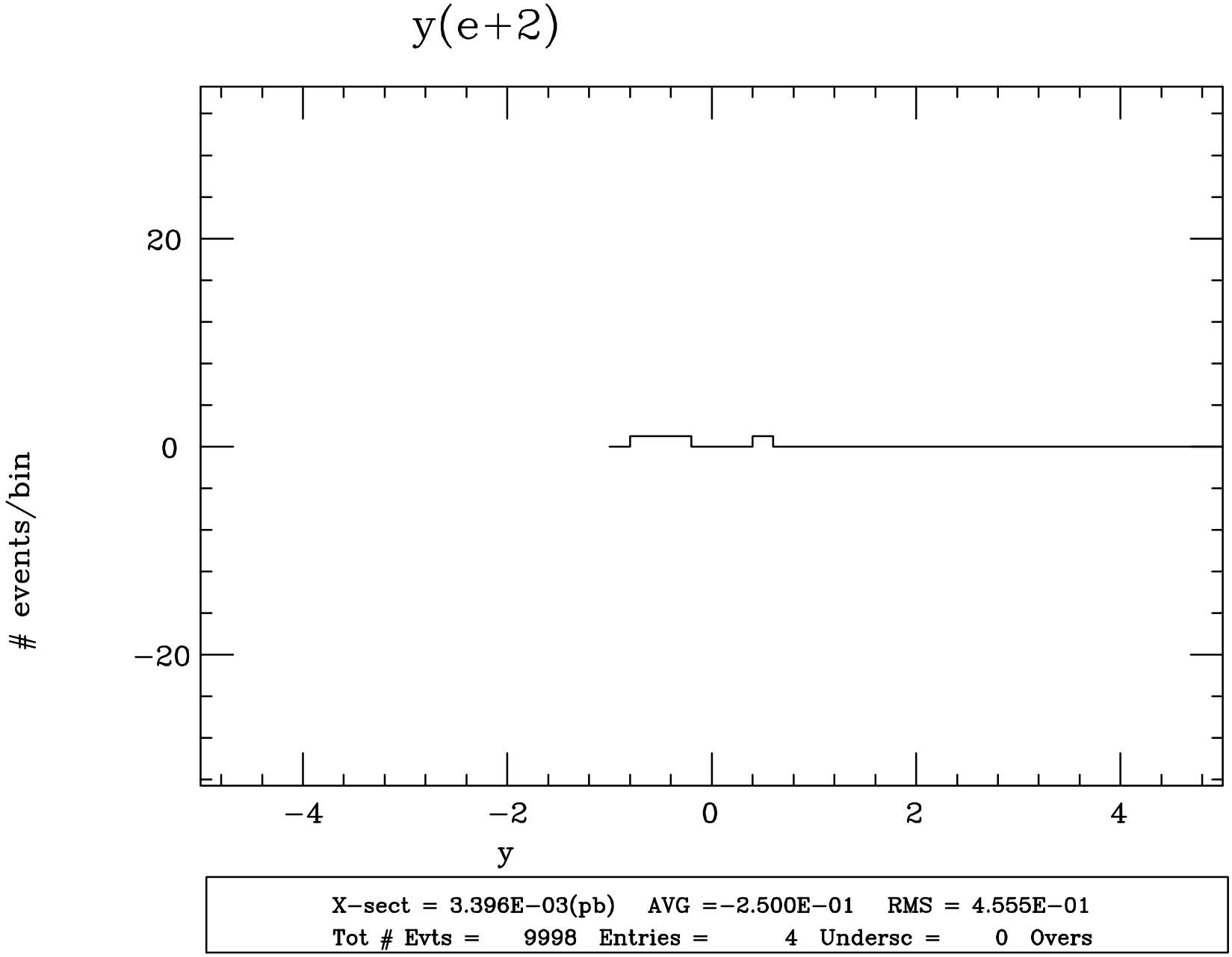

y(mu+2)
# events/bin
75
50
25
0
−25
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG = 3.289E−04 RMS = 8.669E−01
Tot # Evts = 9998 Entries = 608 Undersc = 0 Overs

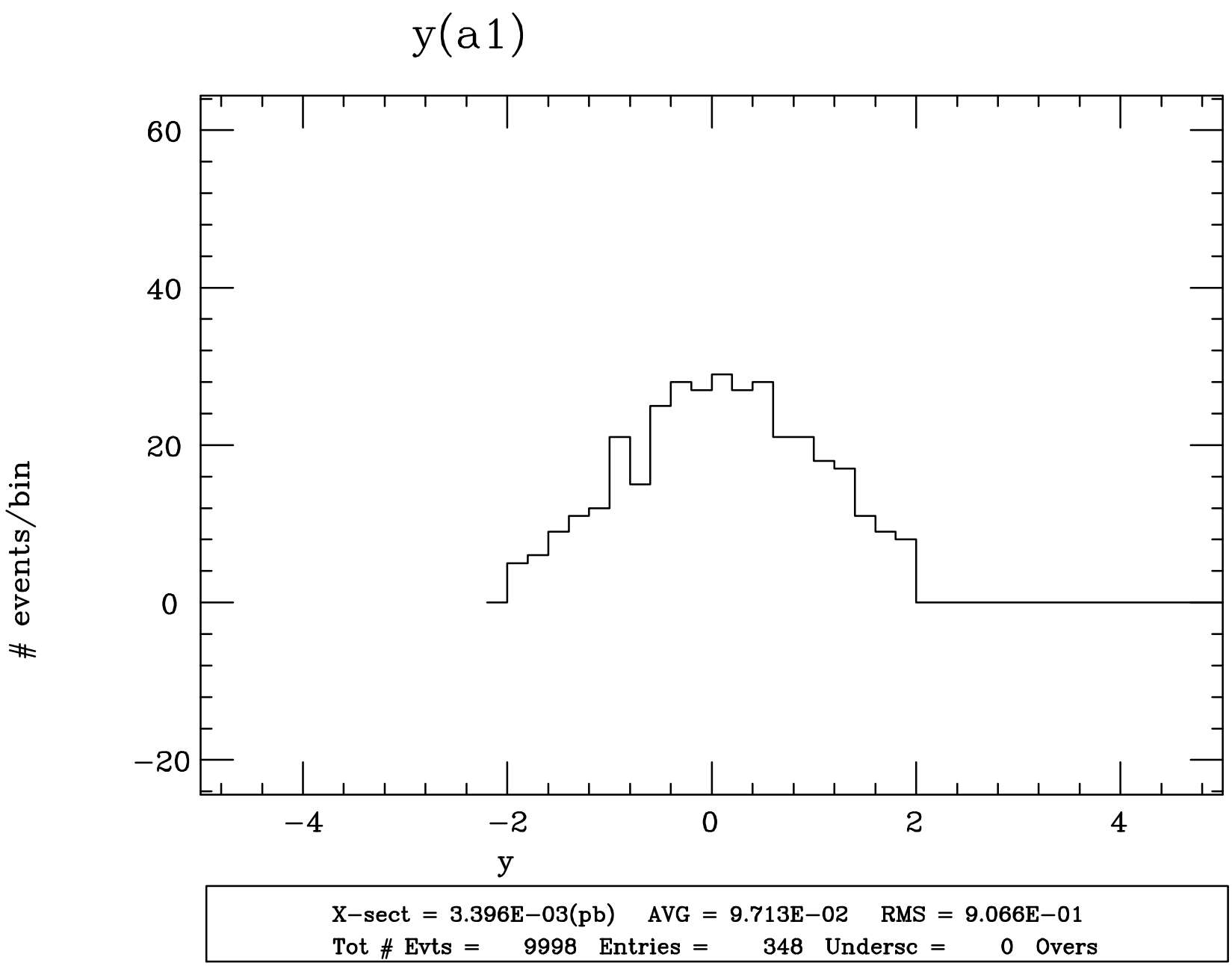

y(mu+3)
# events/bin
20
0
−20
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG = 3.095E−01 RMS = 1.066E+00
Tot # Evts = 9998 Entries = 21 Undersc = 0 Overs

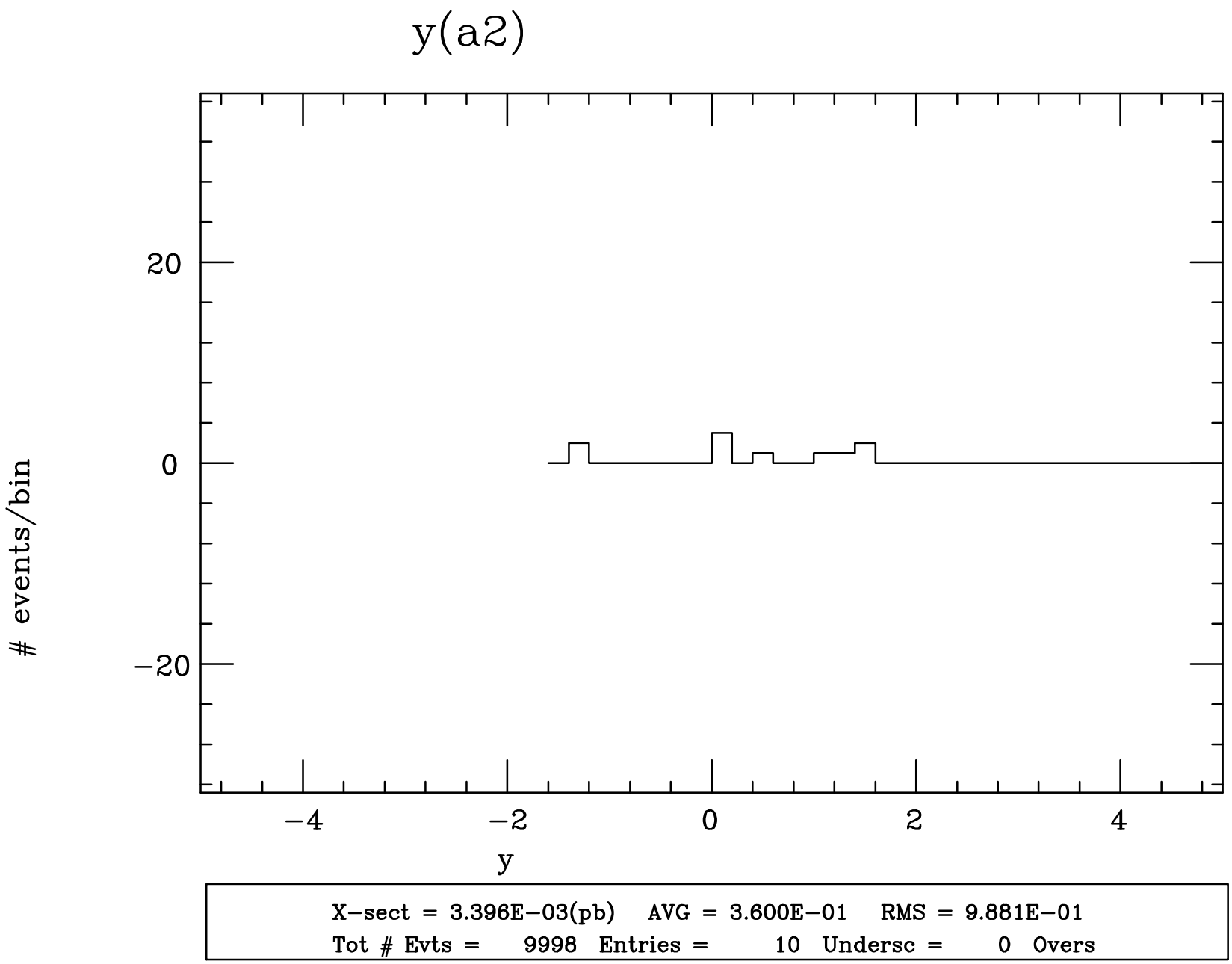

y(e−1)
300
200
100
0
events/bin
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG = 6.548E−02 RMS = 9.181E−01
Tot # Evts = 9998 Entries = 3453 Undersc = 0 Overs

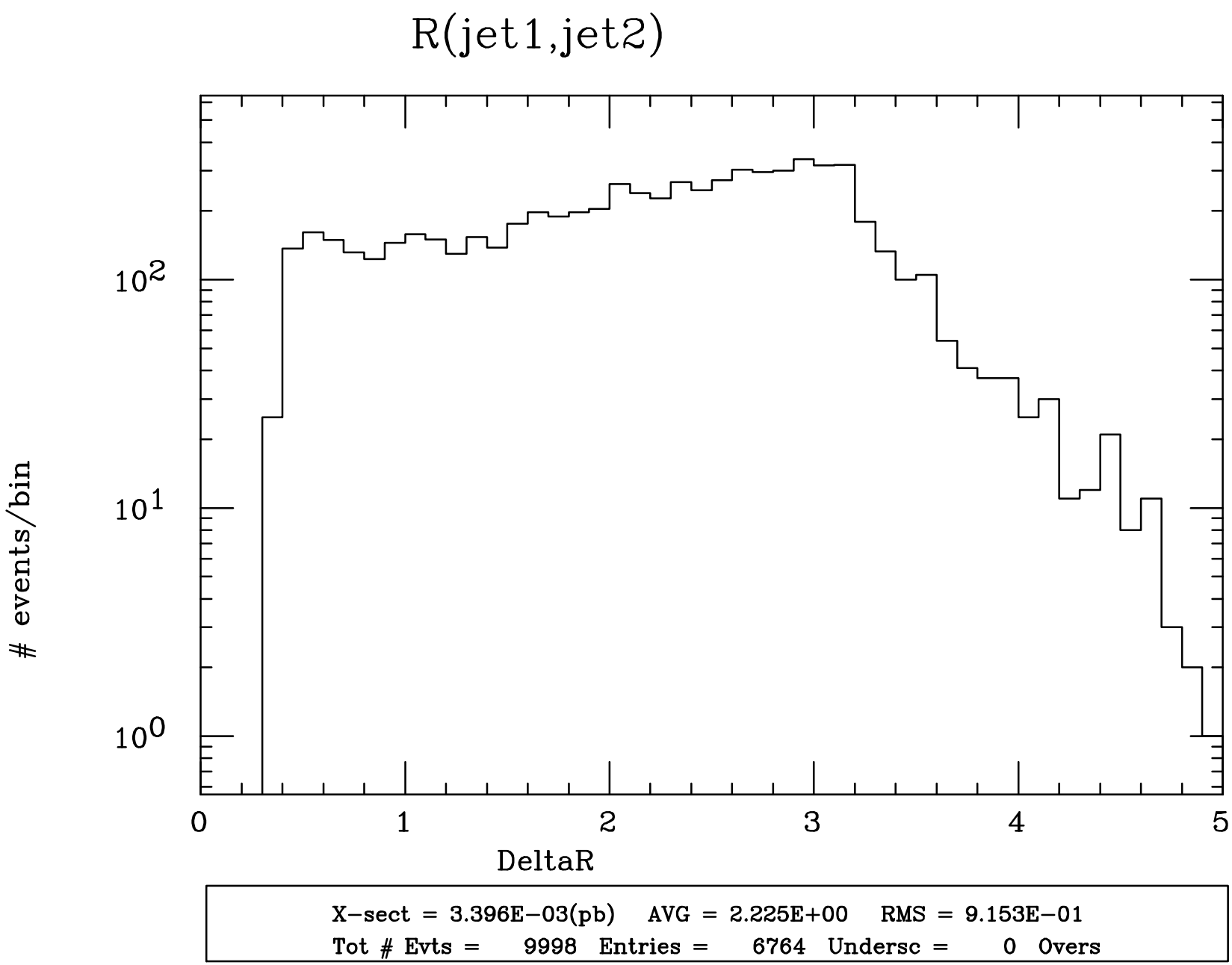

y(e−2)
# events/bin
20
0
−20
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG =−1.545E−01 RMS = 1.002E+00
Tot # Evts = 9998 Entries = 11 Undersc = 0 Overs

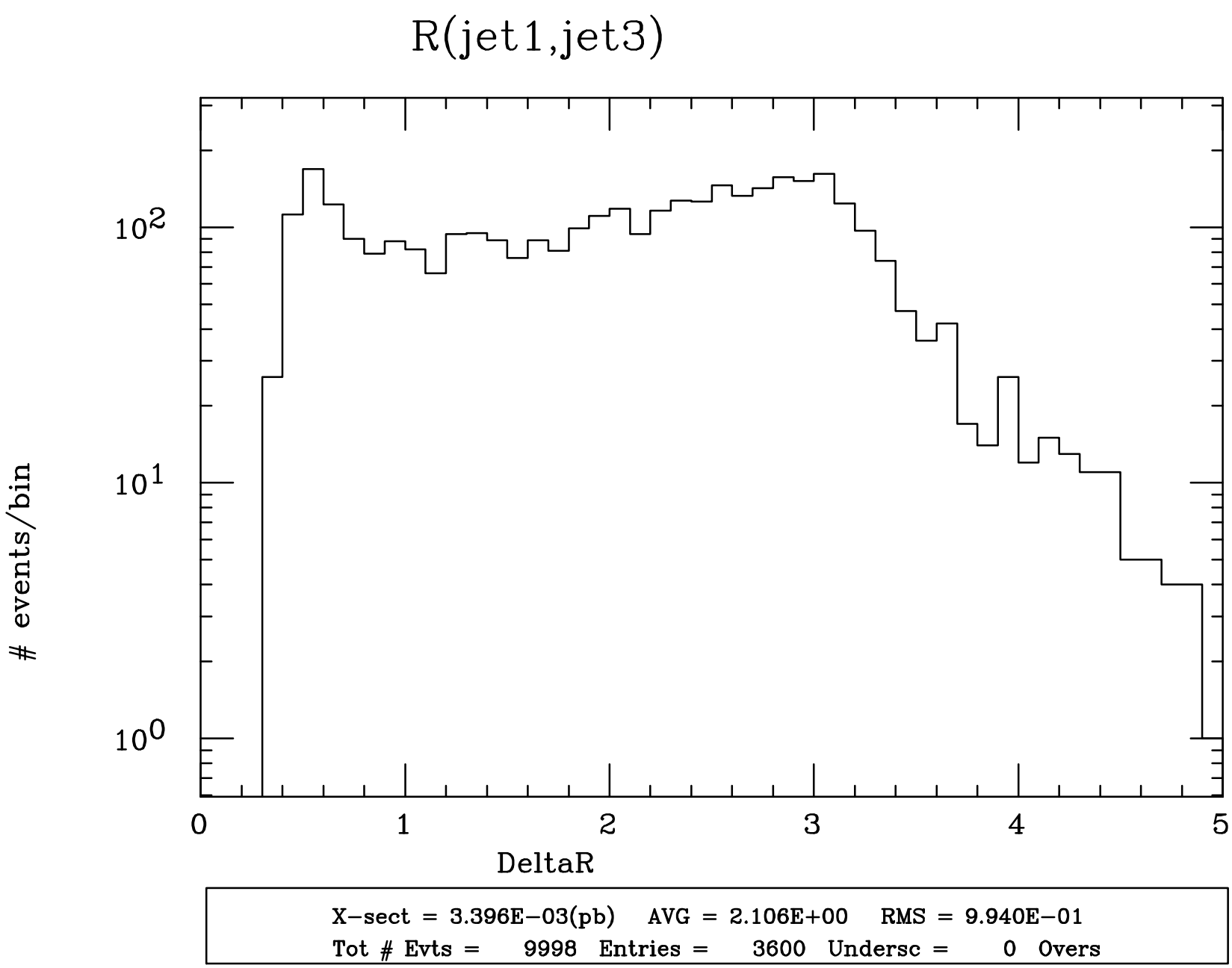

y(e+1)
300
200
100
0
events/bin
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG =−5.136E−02 RMS = 9.016E−01
Tot # Evts = 9998 Entries = 3540 Undersc = 0 Overs

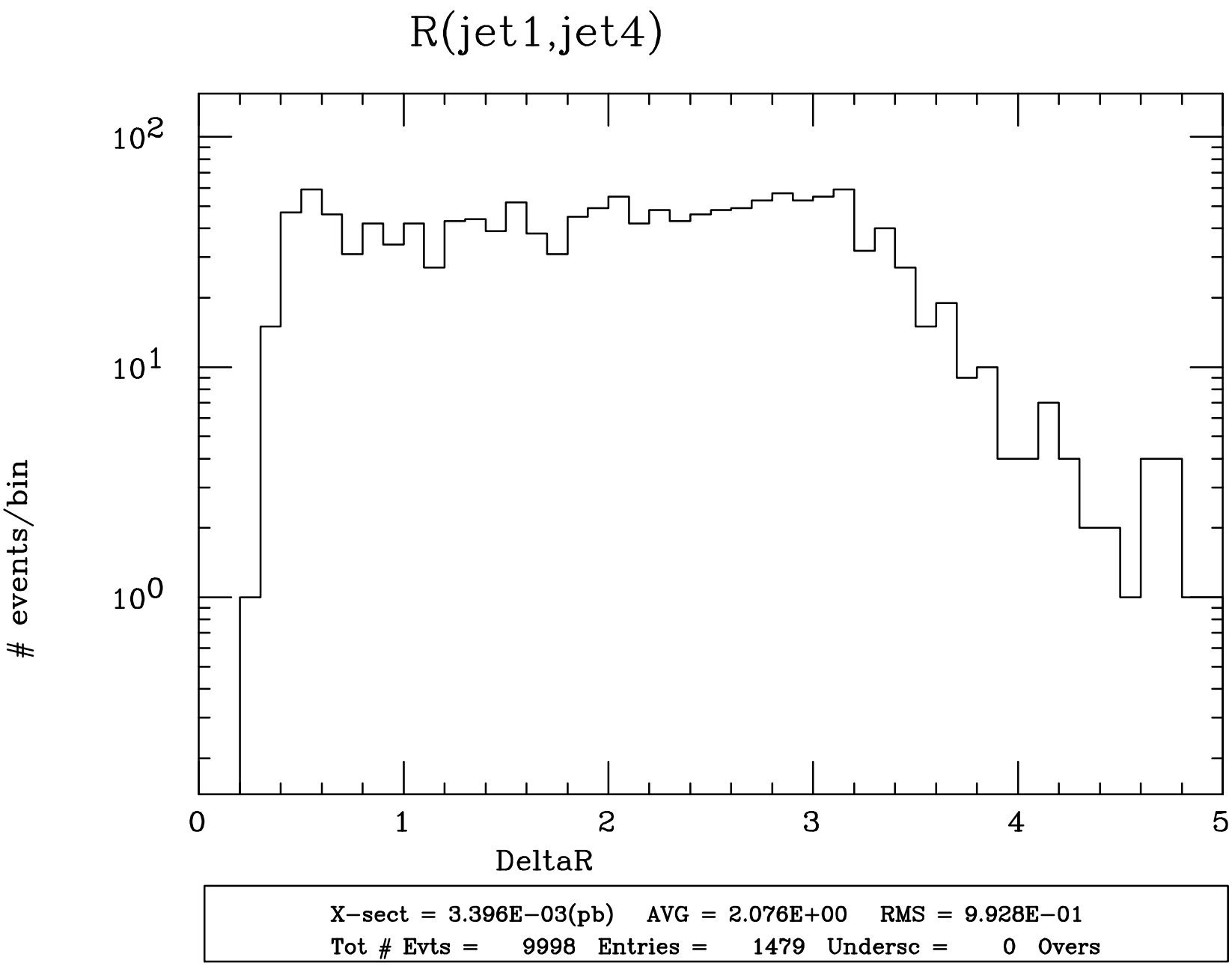

y(e+2)
20
0
−20
events/bin
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG =−2.500E−01 RMS = 4.555E−01
Tot # Evts = 9998 Entries = 4 Undersc = 0 Overs

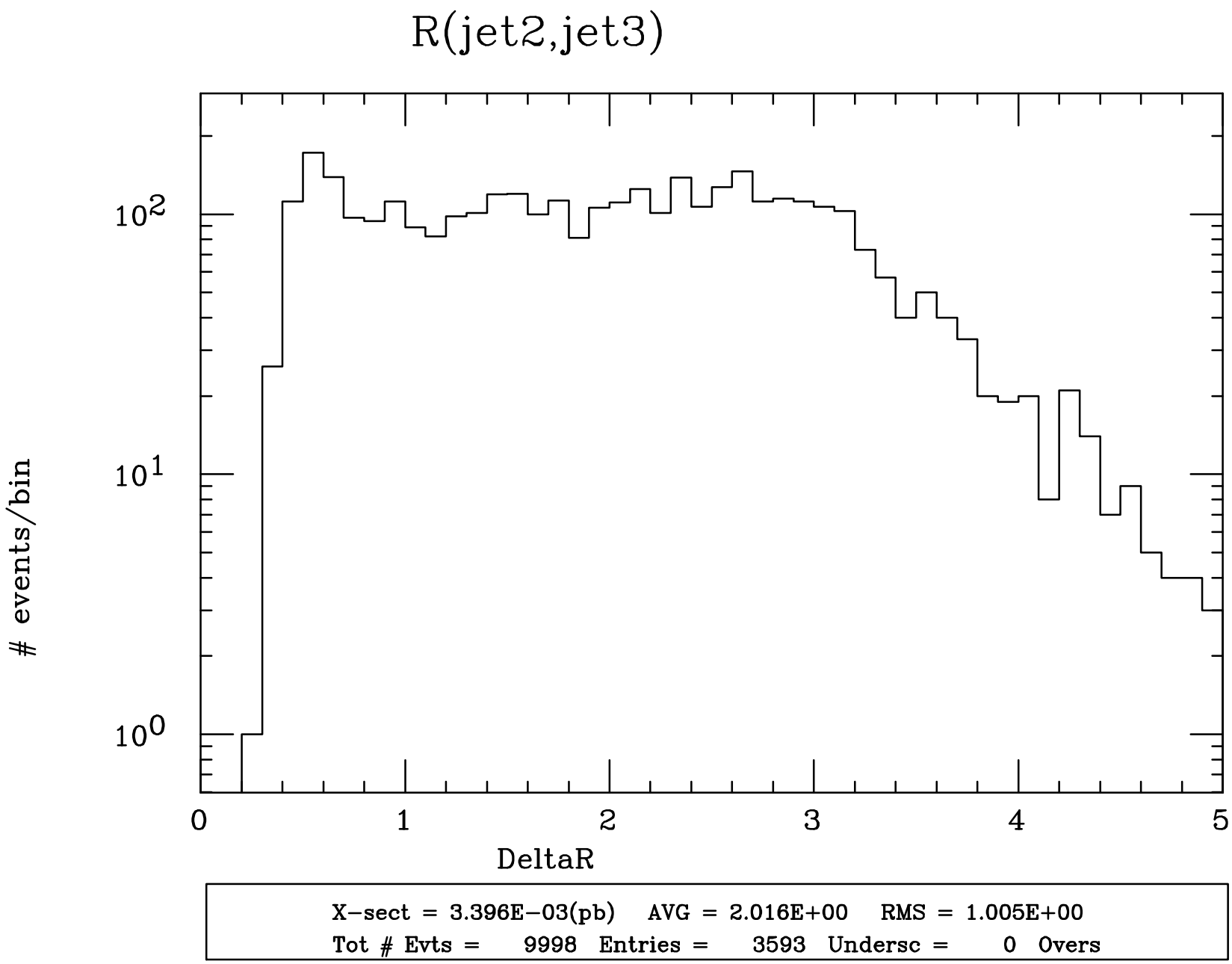

y(a1)
60
40
20
0
−20
events/bin
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG = 9.713E−02 RMS = 9.066E−01
Tot # Evts = 9998 Entries = 348 Undersc = 0 Overs

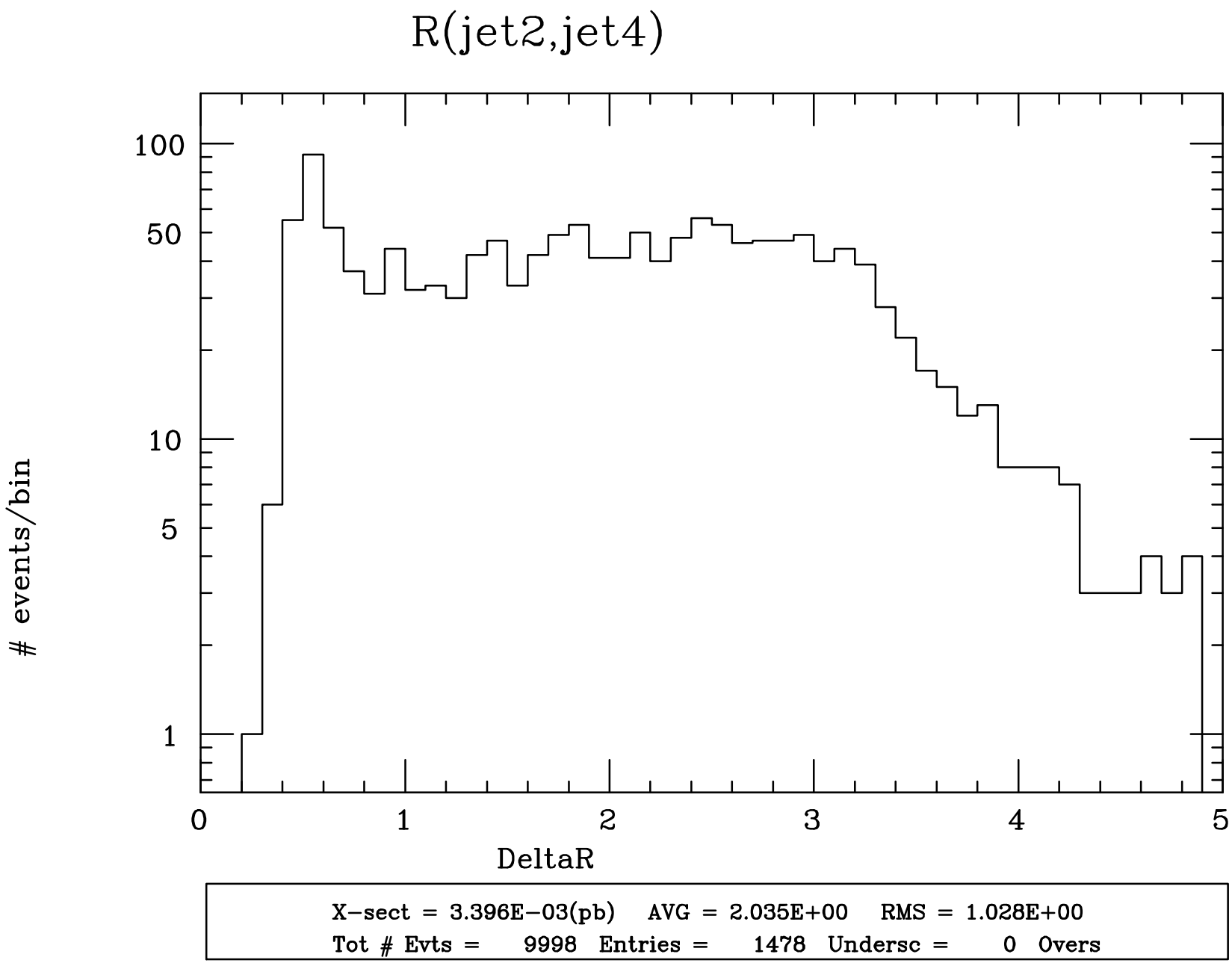

y(a2)
# events/bin
20
0
−20
−4
−2
0
2
4
y
X−sect = 3.396E−03(pb) AVG = 3.600E−01 RMS = 9.881E−01
Tot # Evts = 9998 Entries = 10 Undersc = 0 Overs

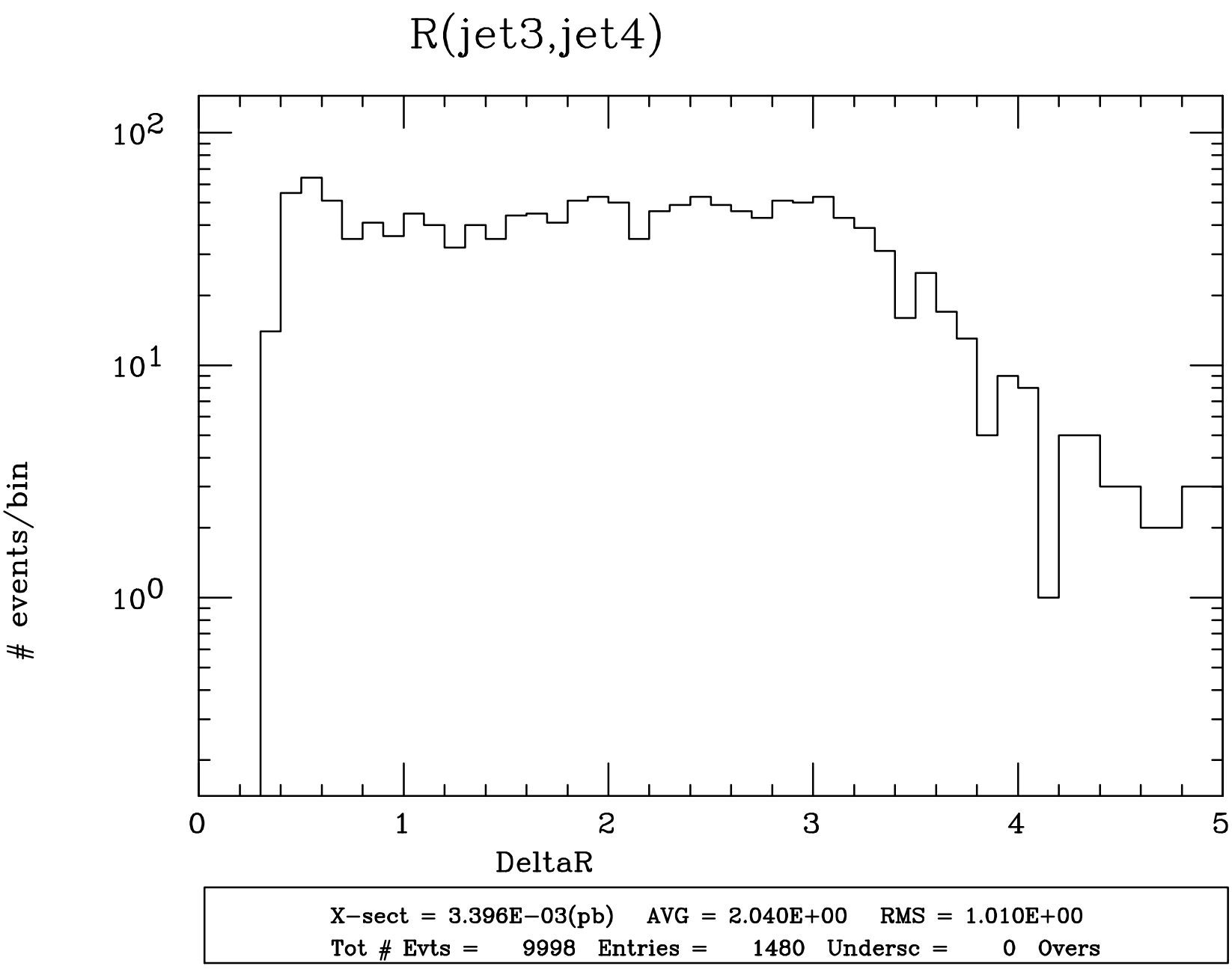

R(jet1,jet2)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.225E+00 RMS = 9.153E-01
Tot # Evts = 9998 Entries = 6764 Undersc = 0 Overs

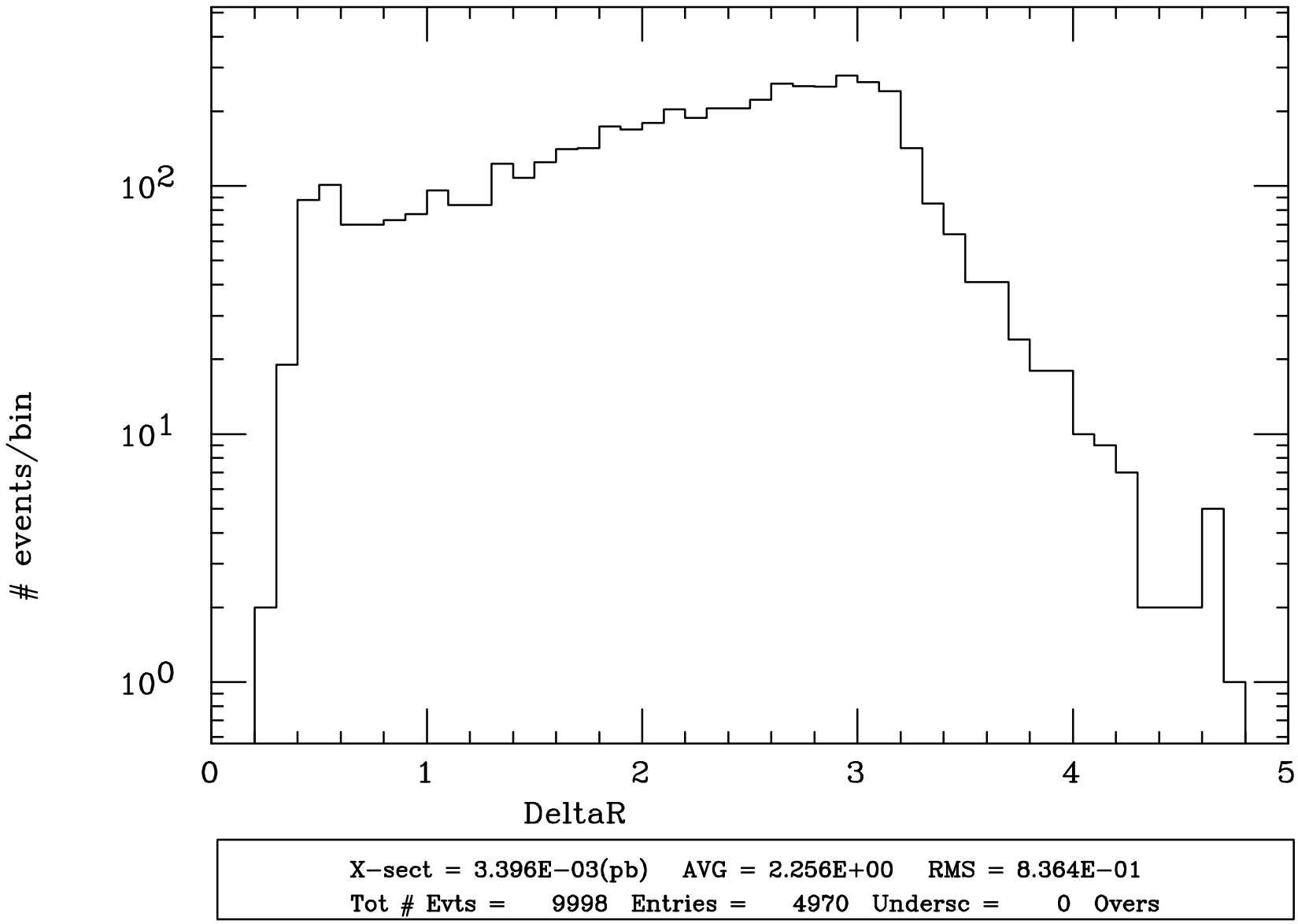

R(jet1,jet3)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.106E+00 RMS = 9.940E-01
Tot # Evts = 9998 Entries = 3600 Undersc = 0 Overs

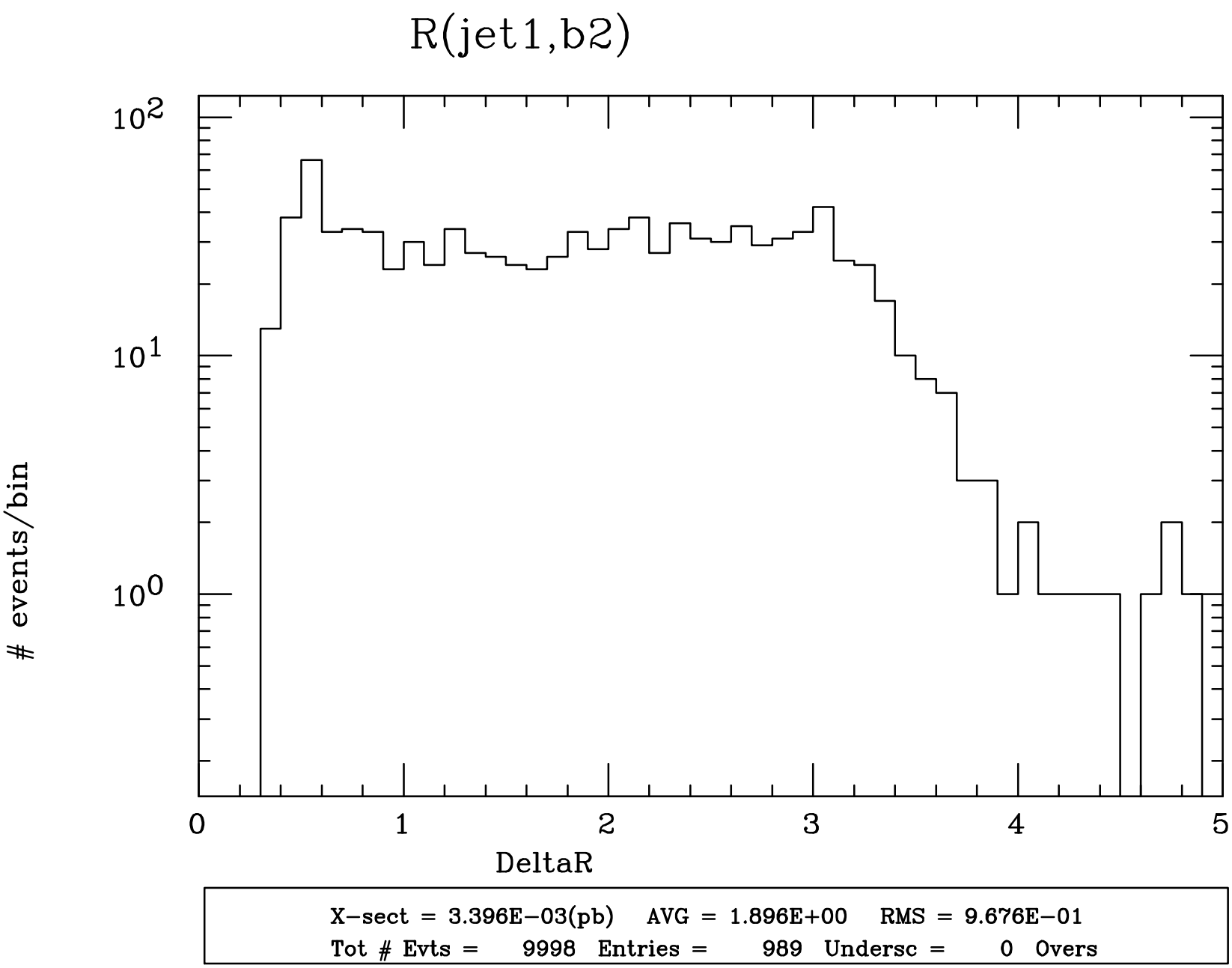

R(jet1,jet4)
10^2
10^1
10^0
events/bin
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.076E+00 RMS = 9.928E-01
Tot # Evts = 9998 Entries = 1479 Undersc = 0 Overs

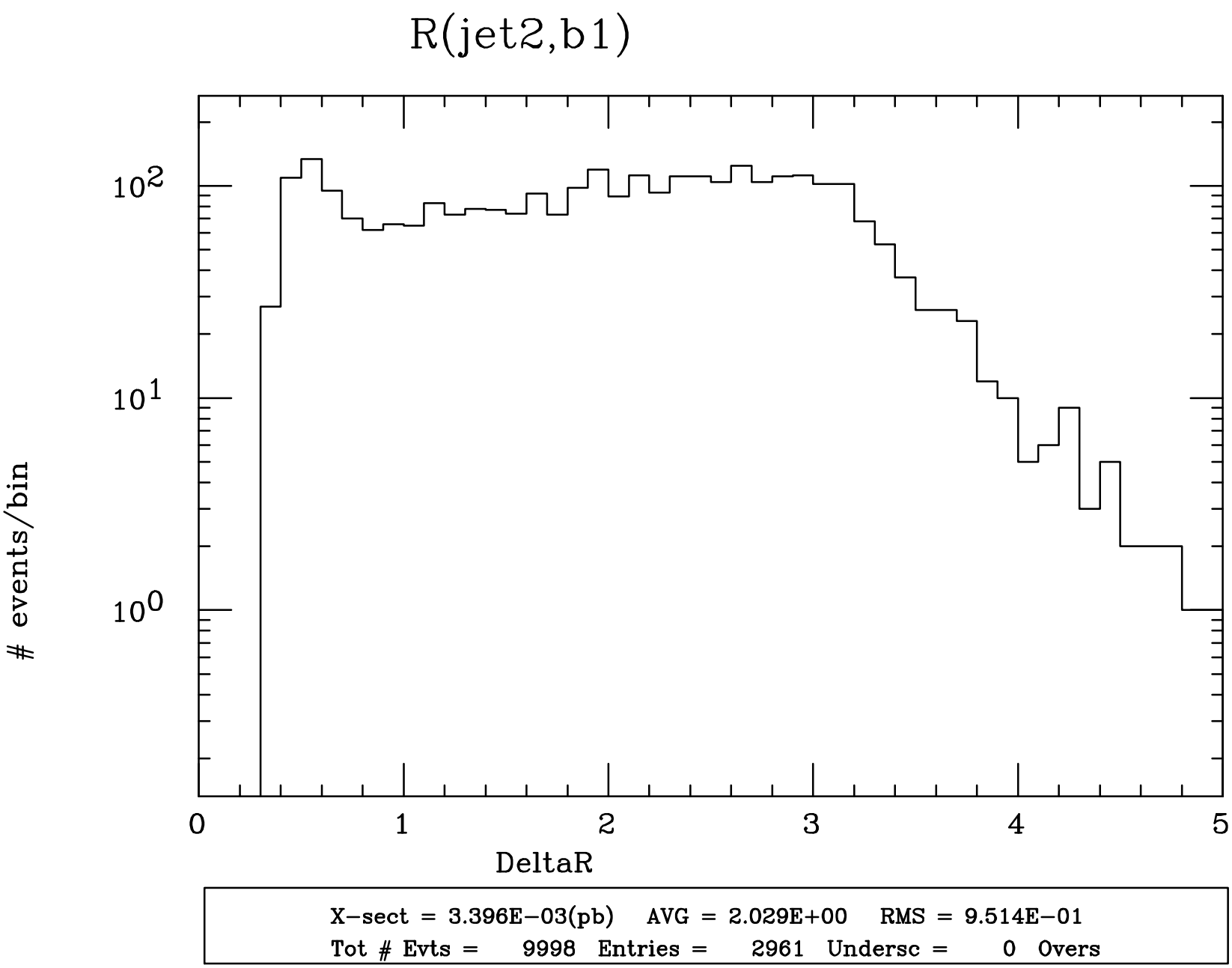

R(jet2,jet3)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.016E+00 RMS = 1.005E+00
Tot # Evts = 9998 Entries = 3593 Undersc = 0 Overs

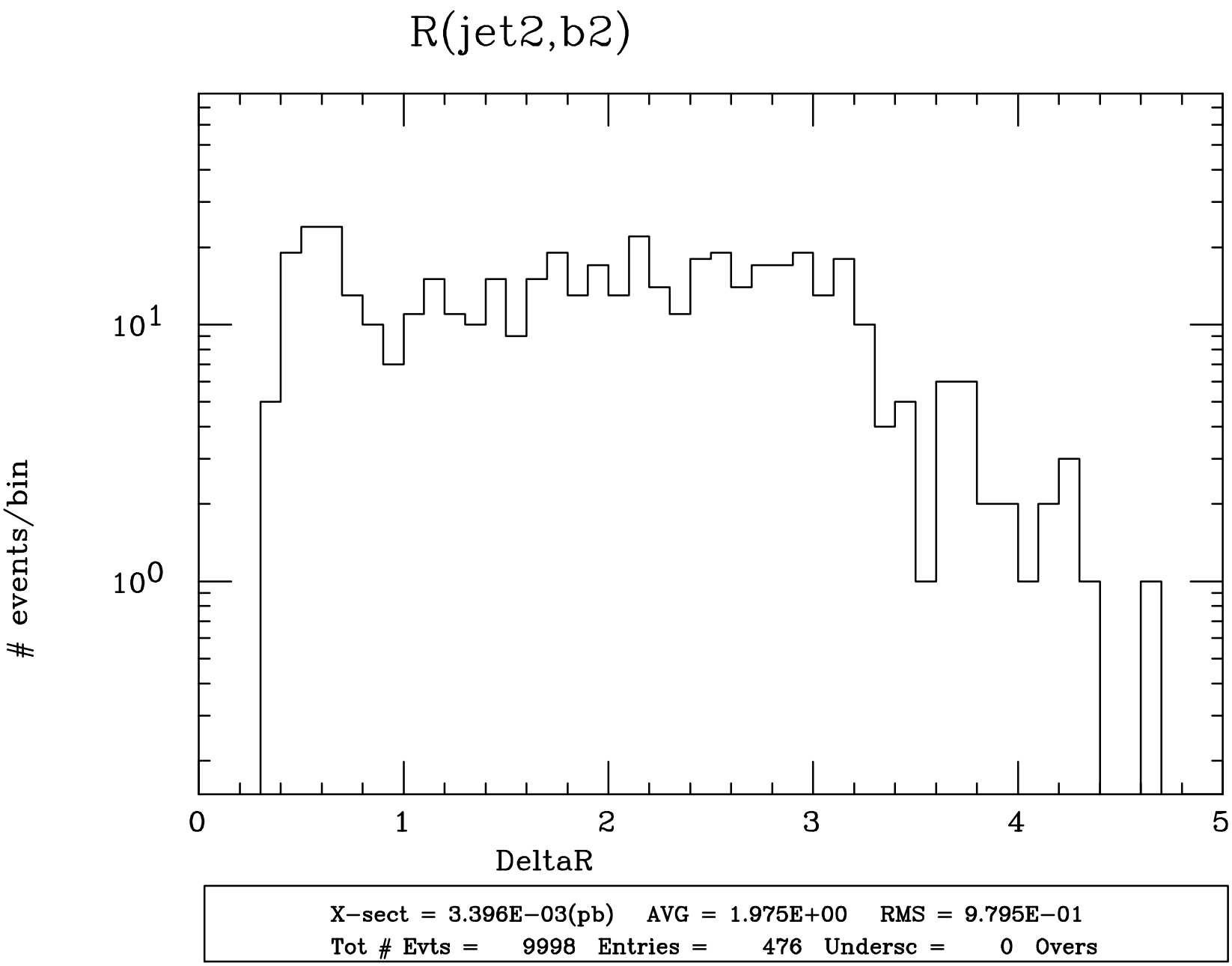

R(jet2,jet4)
100
50
10
5
1
events/bin
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.035E+00 RMS = 1.028E+00
Tot # Evts = 9998 Entries = 1478 Undersc = 0 Overs

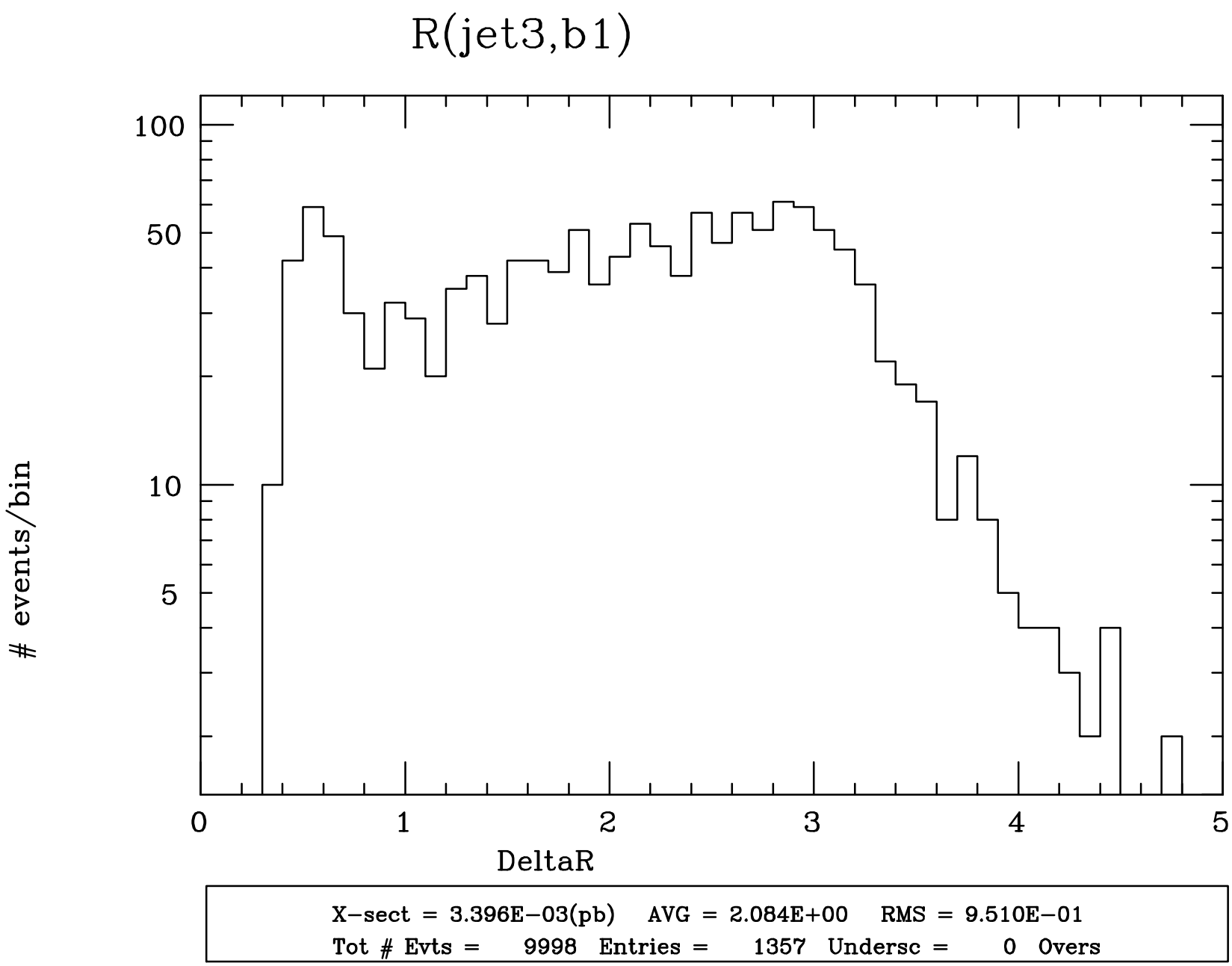

R(jet3,jet4)
10^2
10^1
10^0
events/bin
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.040E+00 RMS = 1.010E+00
Tot # Evts = 9998 Entries = 1480 Undersc = 0 Overs

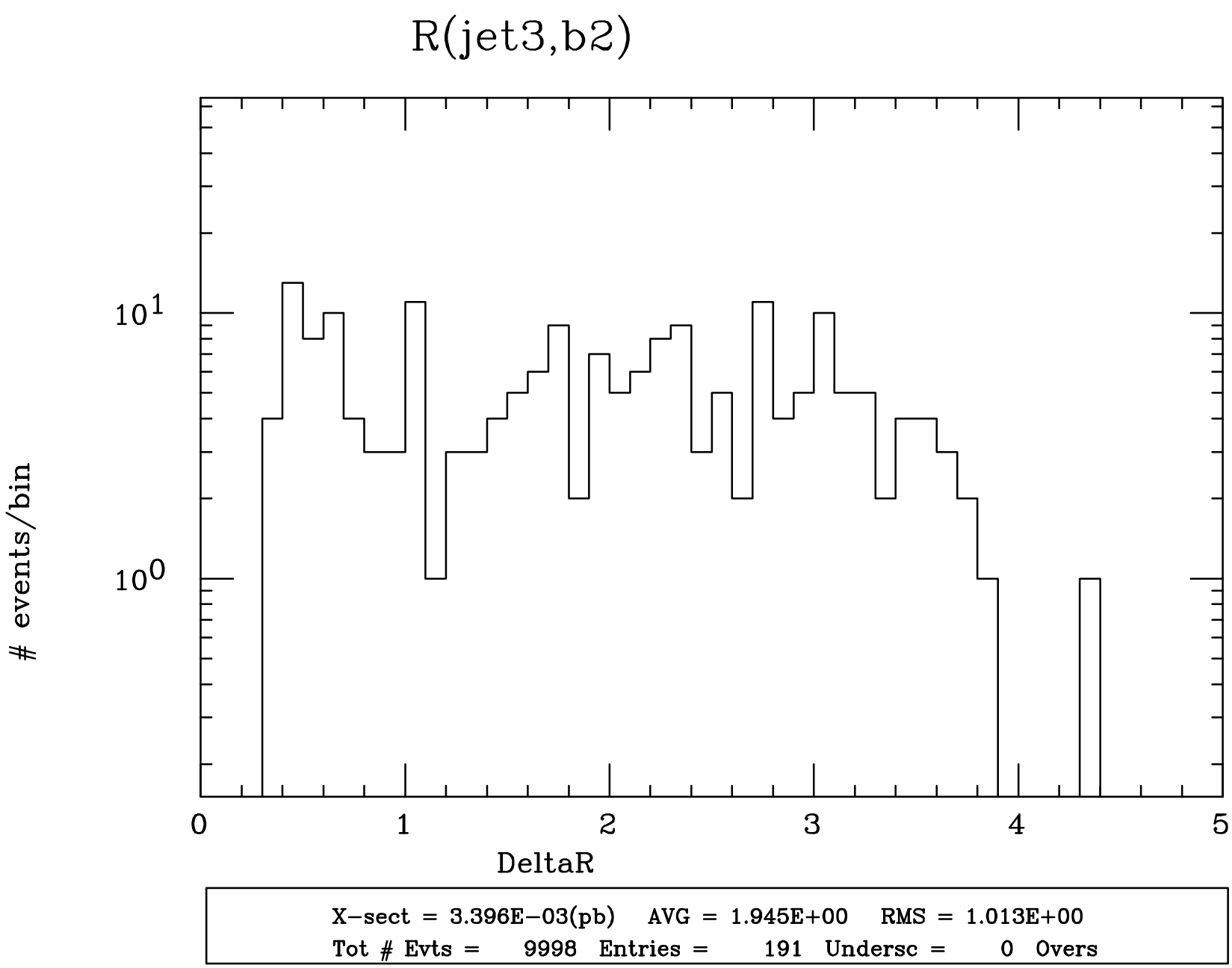

R(jet1,b1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.256E+00 RMS = 8.364E-01
Tot # Evts = 9998 Entries = 4970 Undersc = 0 Overs

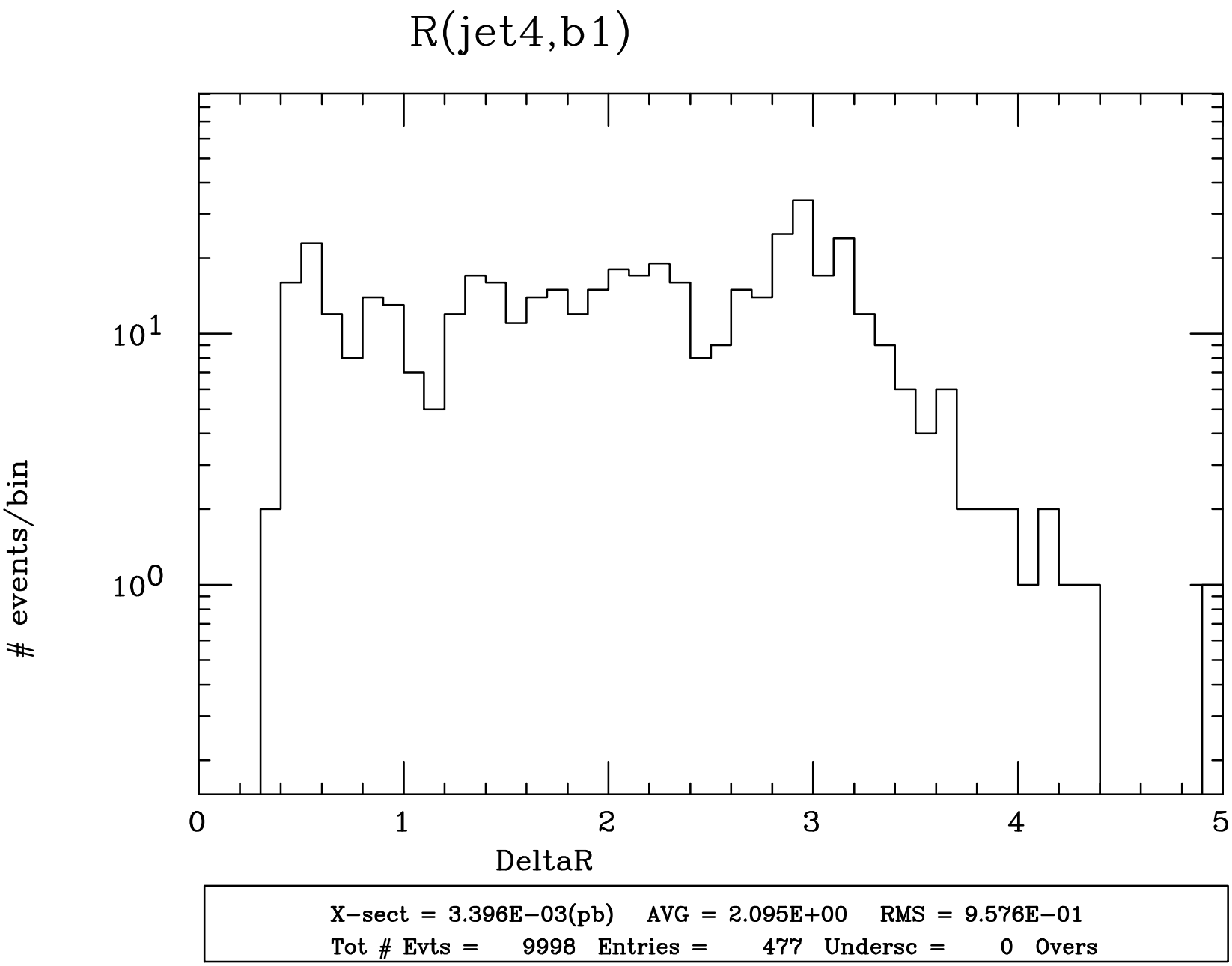

R(jet1,b2)
10^2
10^1
10^0
events/bin
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 1.896E+00 RMS = 9.676E-01
Tot # Evts = 9998 Entries = 989 Undersc = 0 Overs

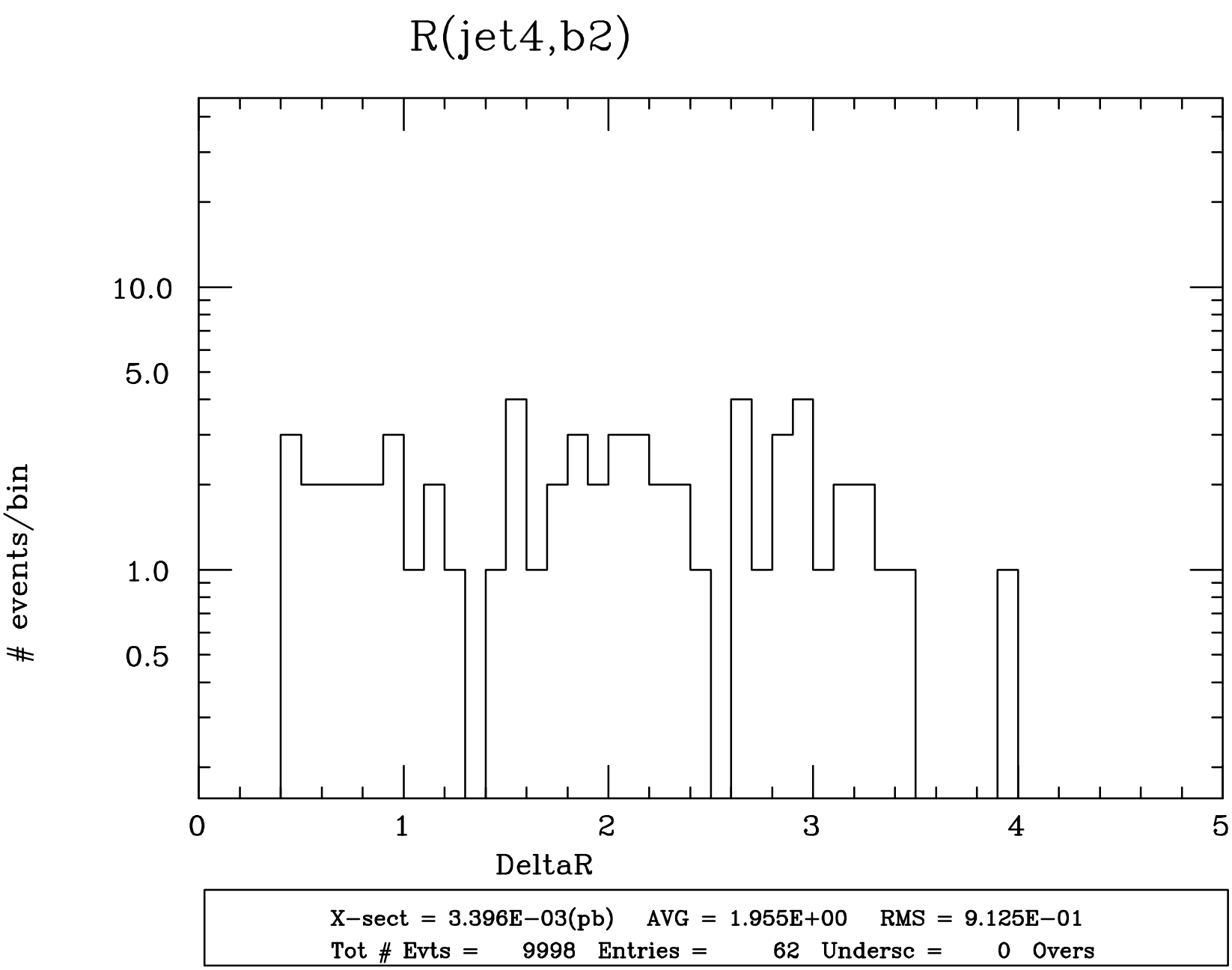

R(jet2,b1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.029E+00 RMS = 9.514E-01
Tot # Evts = 9998 Entries = 2961 Undersc = 0 Overs

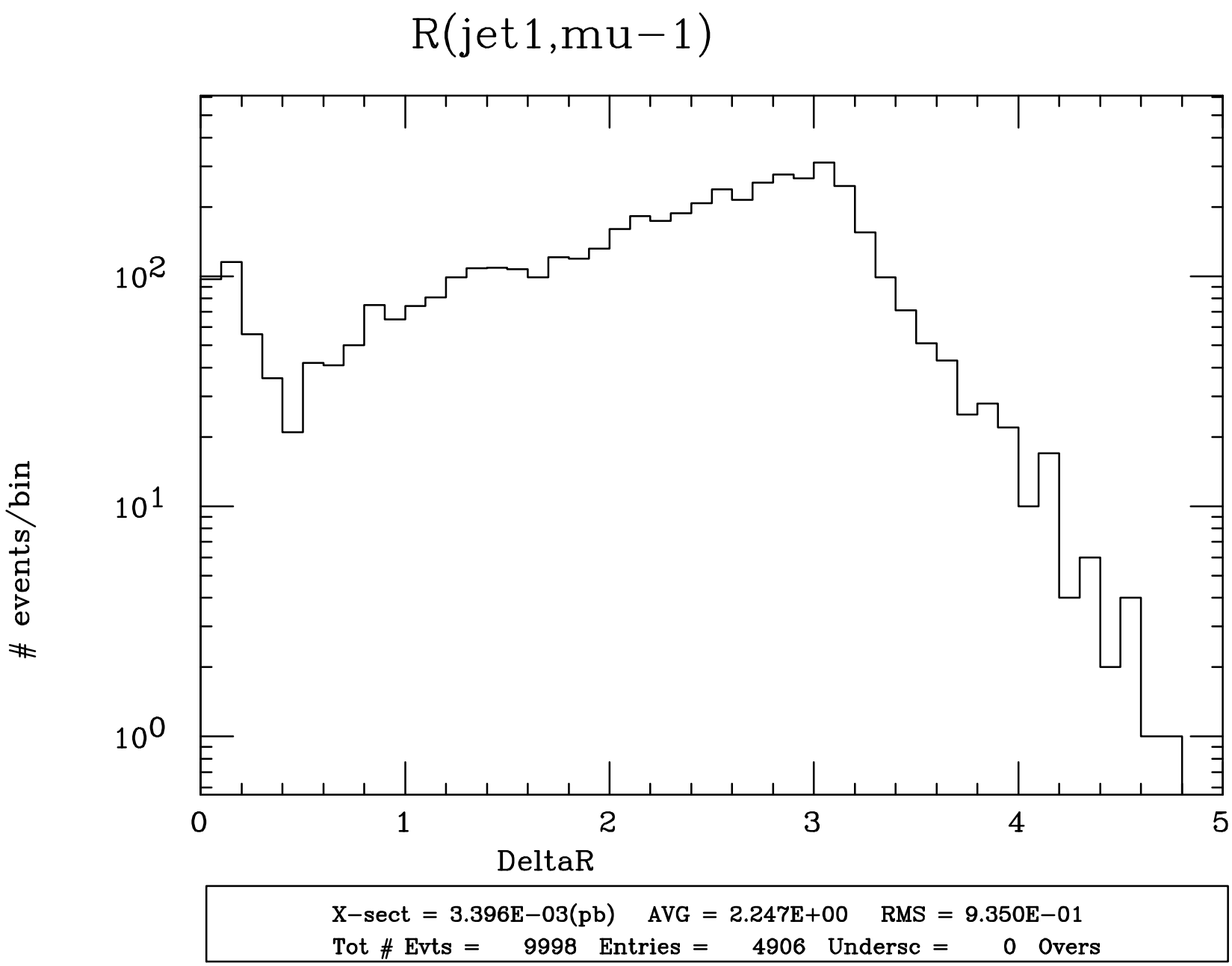

R(jet2,b2)
# events/bin
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 1.975E+00 RMS = 9.795E-01
Tot # Evts = 9998 Entries = 476 Undersc = 0 Overs

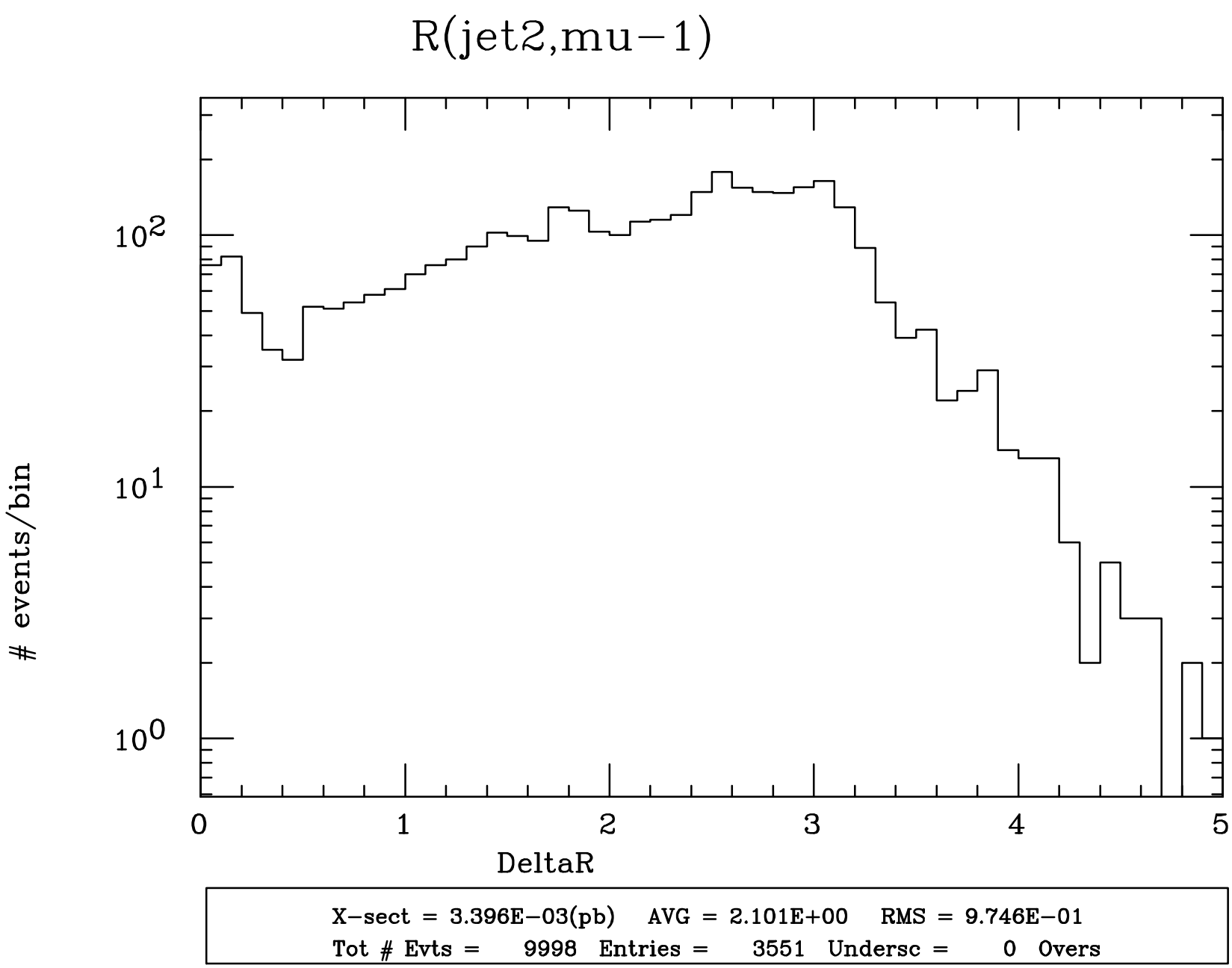

R(jet3,b1)
100
50
10
5
events/bin
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.084E+00 RMS = 9.510E-01
Tot # Evts = 9998 Entries = 1357 Undersc = 0 Overs

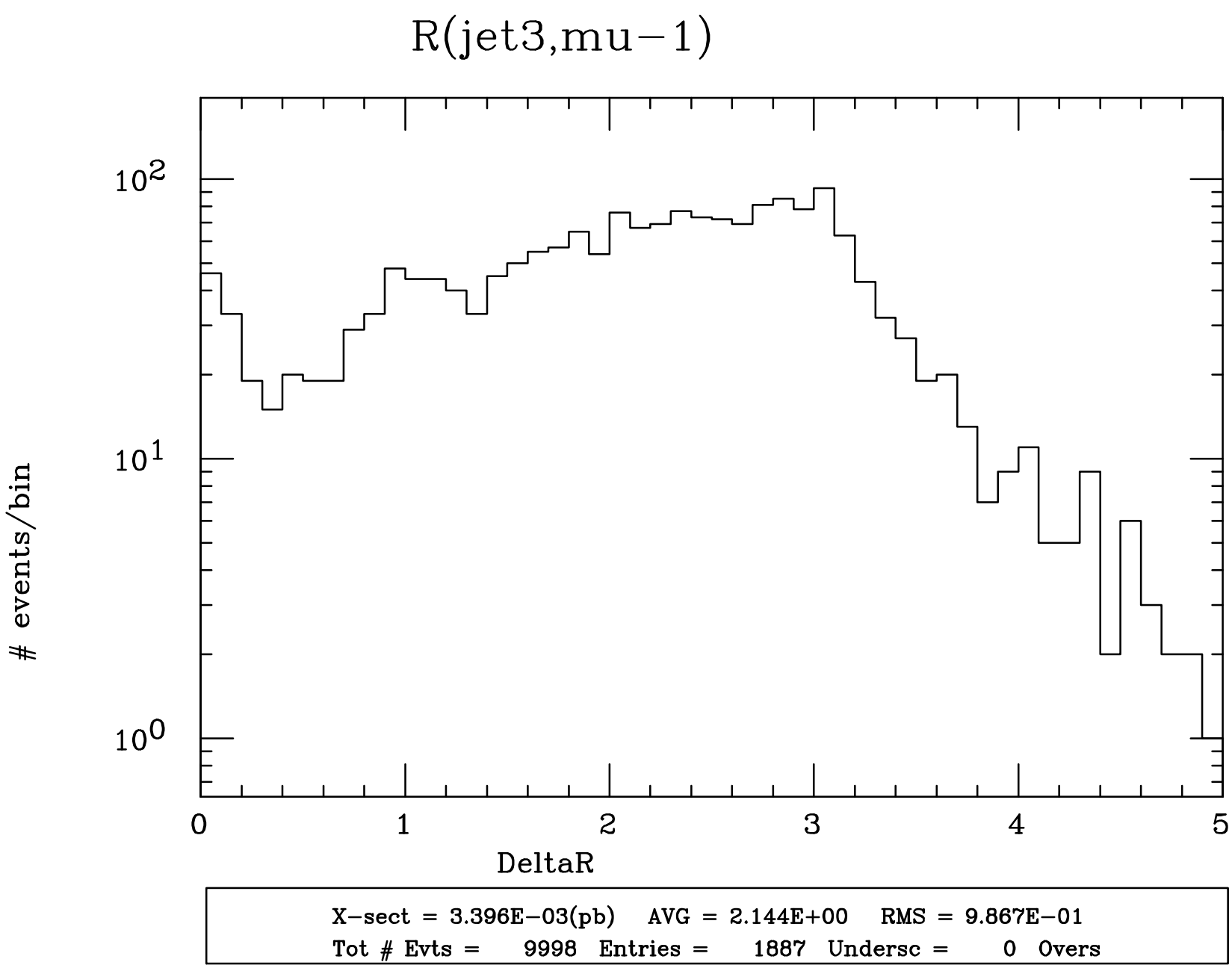

R(jet3,b2)
# events/bin
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 1.945E+00 RMS = 1.013E+00
Tot # Evts = 9998 Entries = 191 Undersc = 0 Overs

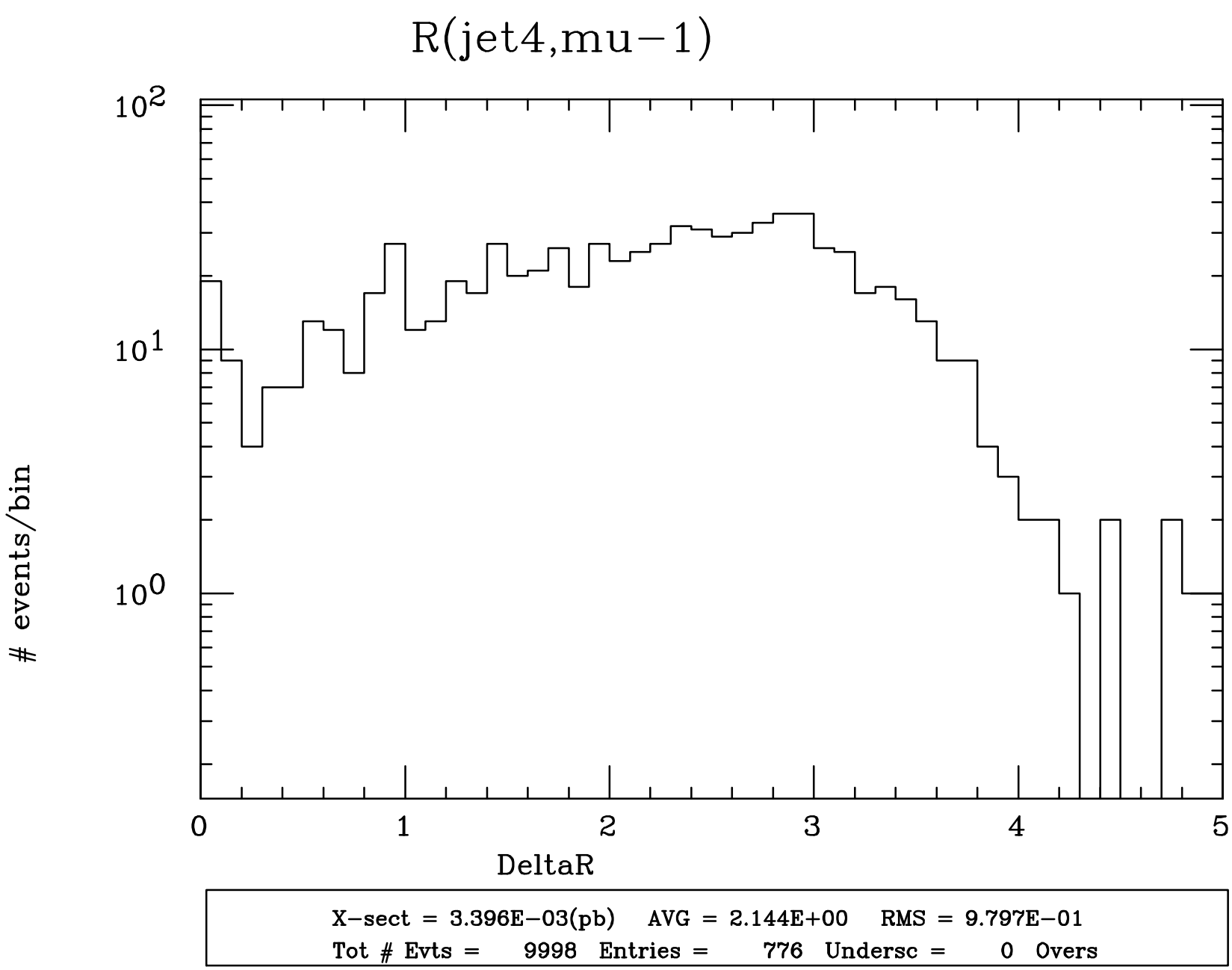

R(jet4,b1)
# events/bin
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.095E+00 RMS = 9.576E-01
Tot # Evts = 9998 Entries = 477 Undersc = 0 Overs

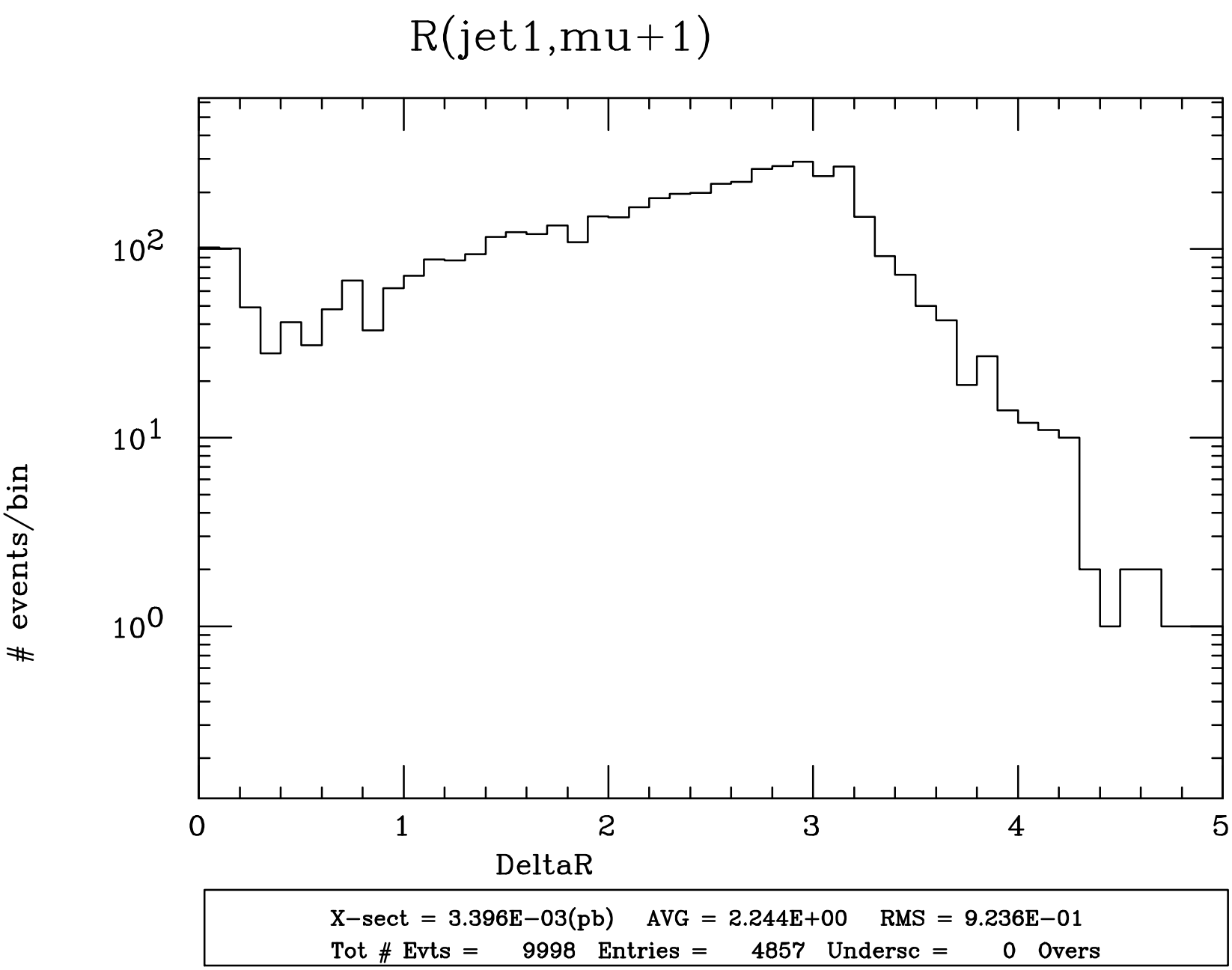

R(jet4,b2)
10.0
5.0
1.0
0.5
events/bin
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 1.955E+00 RMS = 9.125E-01
Tot # Evts = 9998 Entries = 62 Undersc = 0 Overs

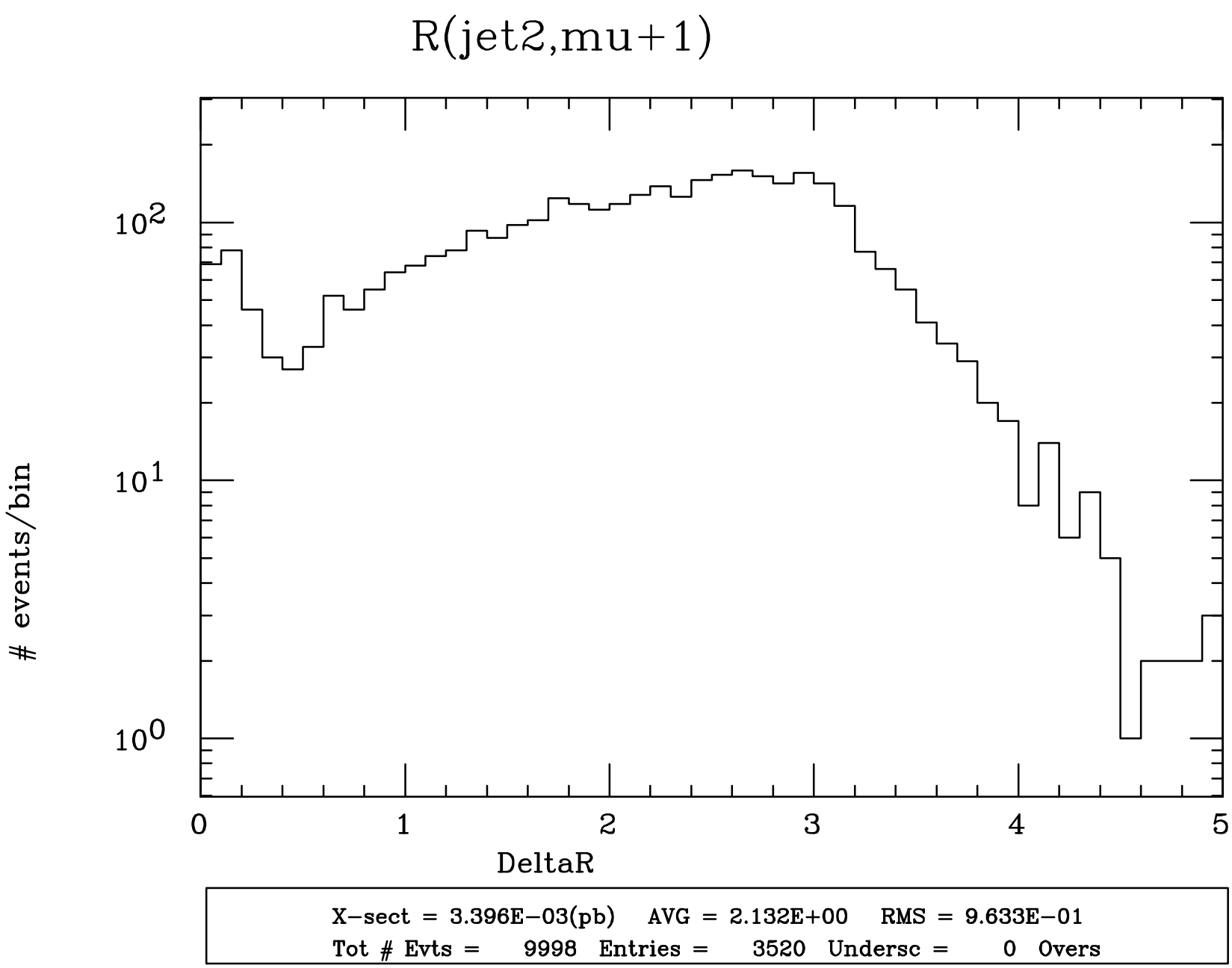

R(jet1,mu−1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 2.247E+00 RMS = 9.350E−01
Tot # Evts = 9998 Entries = 4906 Undersc = 0 Overs

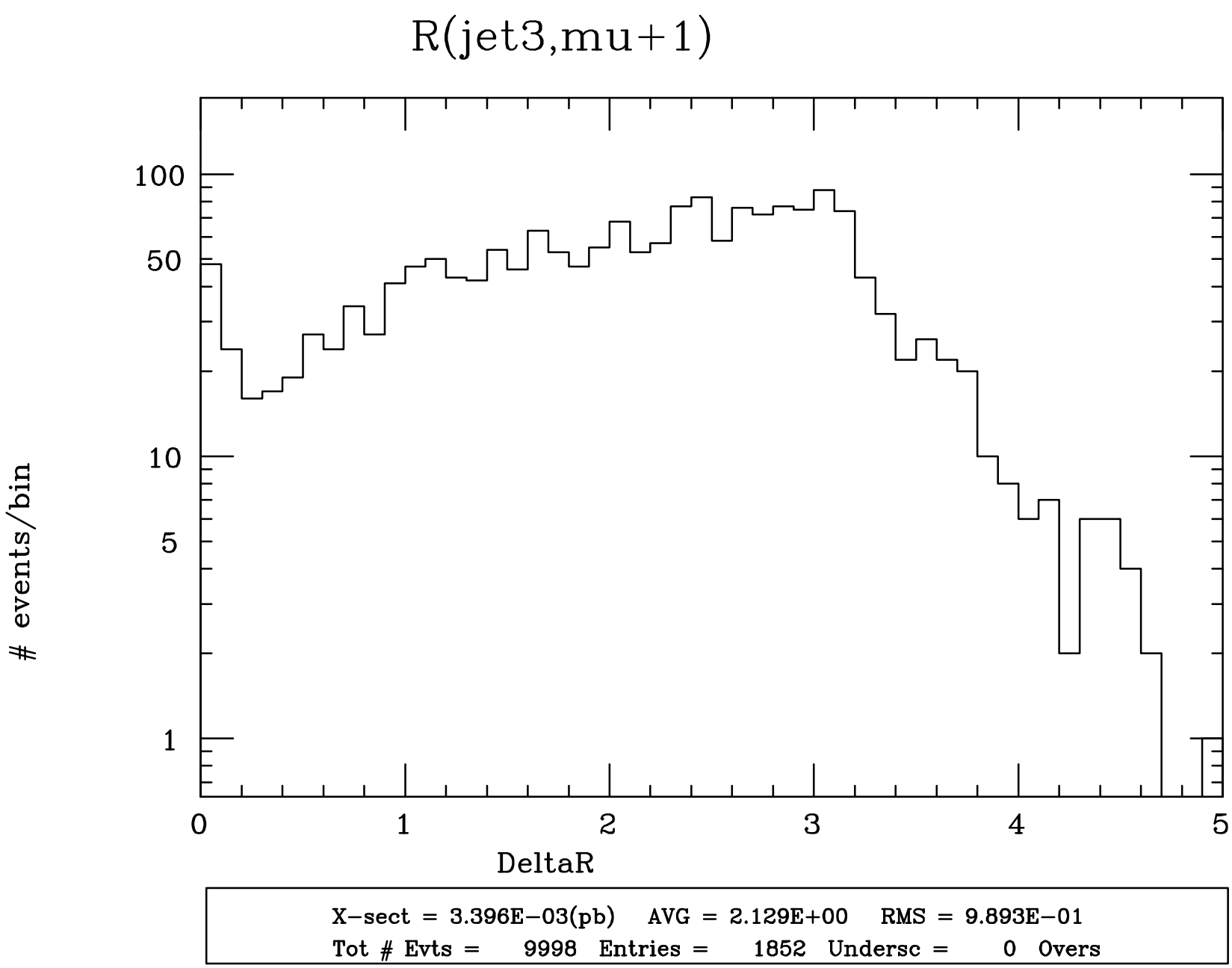

R(jet2,mu−1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 2.101E+00 RMS = 9.746E−01
Tot # Evts = 9998 Entries = 3551 Undersc = 0 Overs

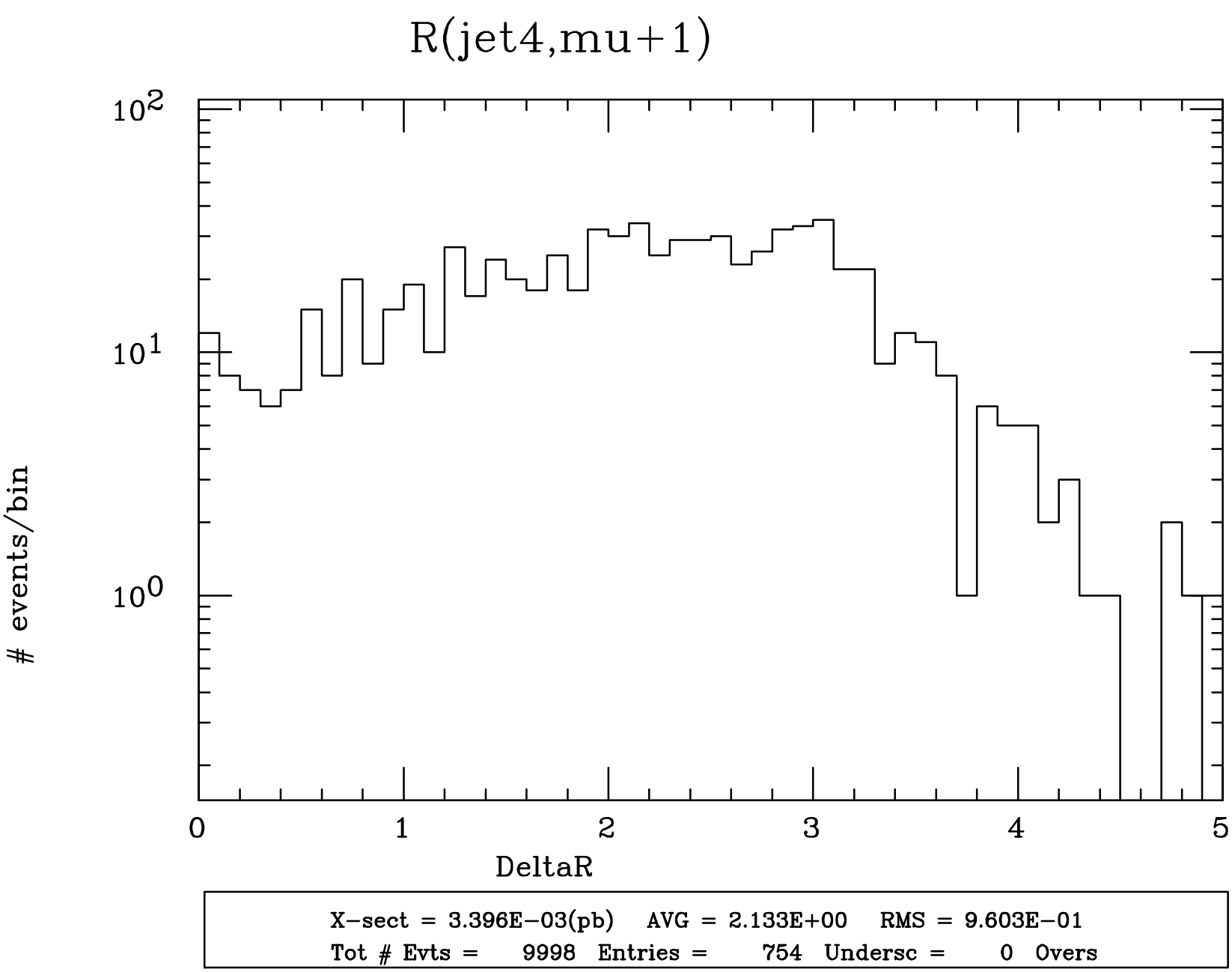

R(jet3,mu−1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 2.144E+00 RMS = 9.867E−01
Tot # Evts = 9998 Entries = 1887 Undersc = 0 Overs

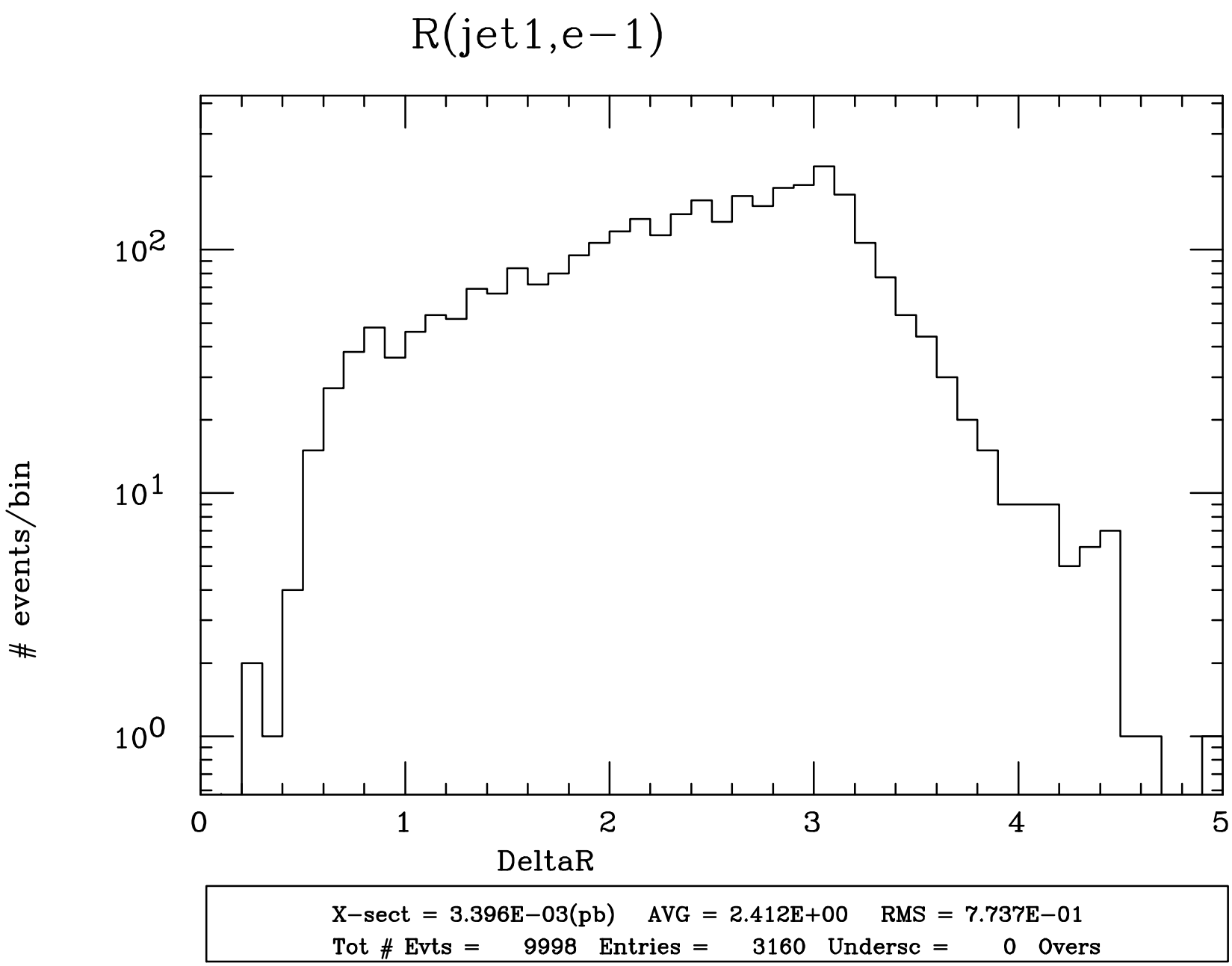

R(jet4,mu−1)
10^2
10^1
10^0
events/bin
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 2.144E+00 RMS = 9.797E−01
Tot # Evts = 9998 Entries = 776 Undersc = 0 Overs

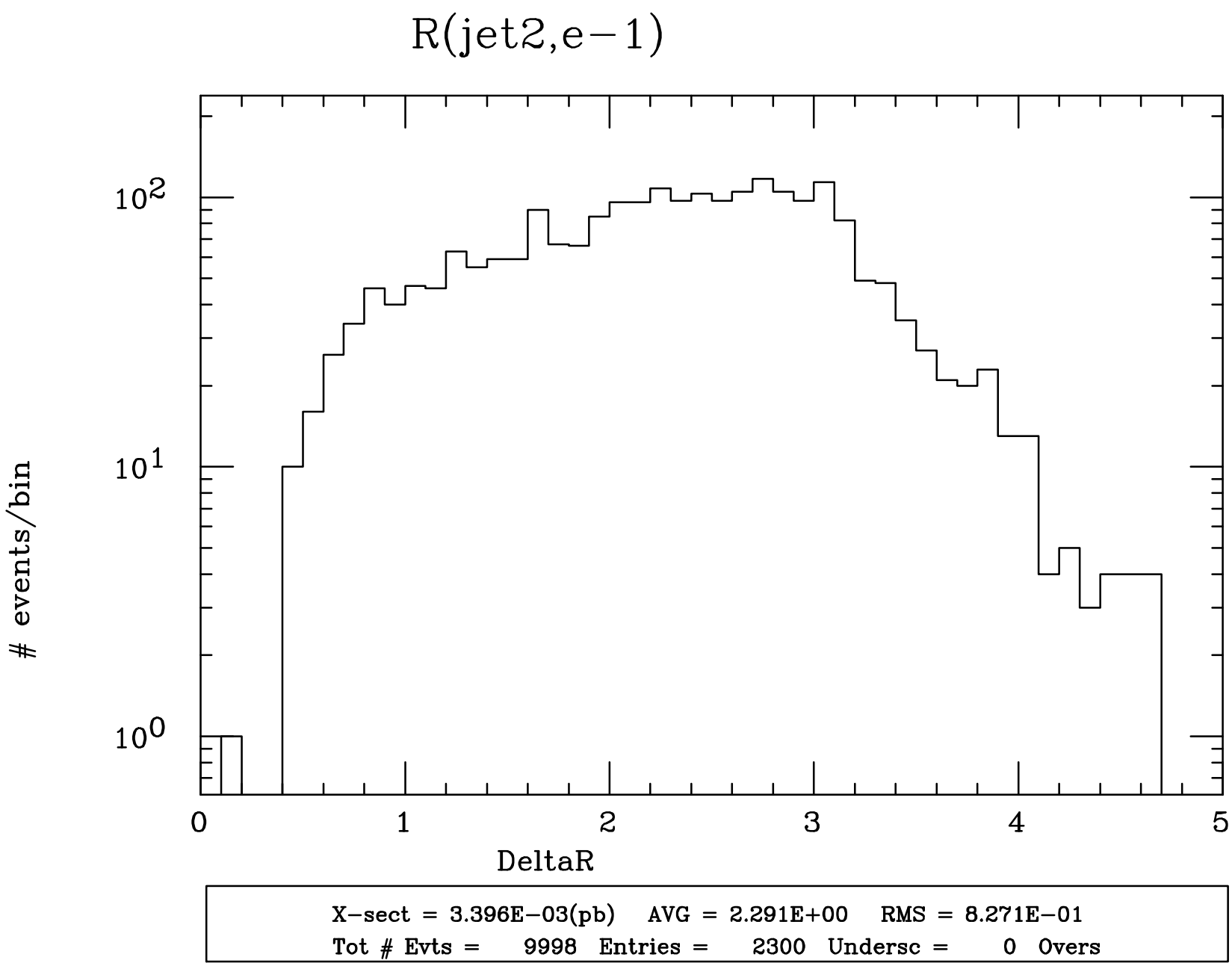

R(jet1,mu+1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.244E+00 RMS = 9.236E-01
Tot # Evts = 9998 Entries = 4857 Undersc = 0 Overs

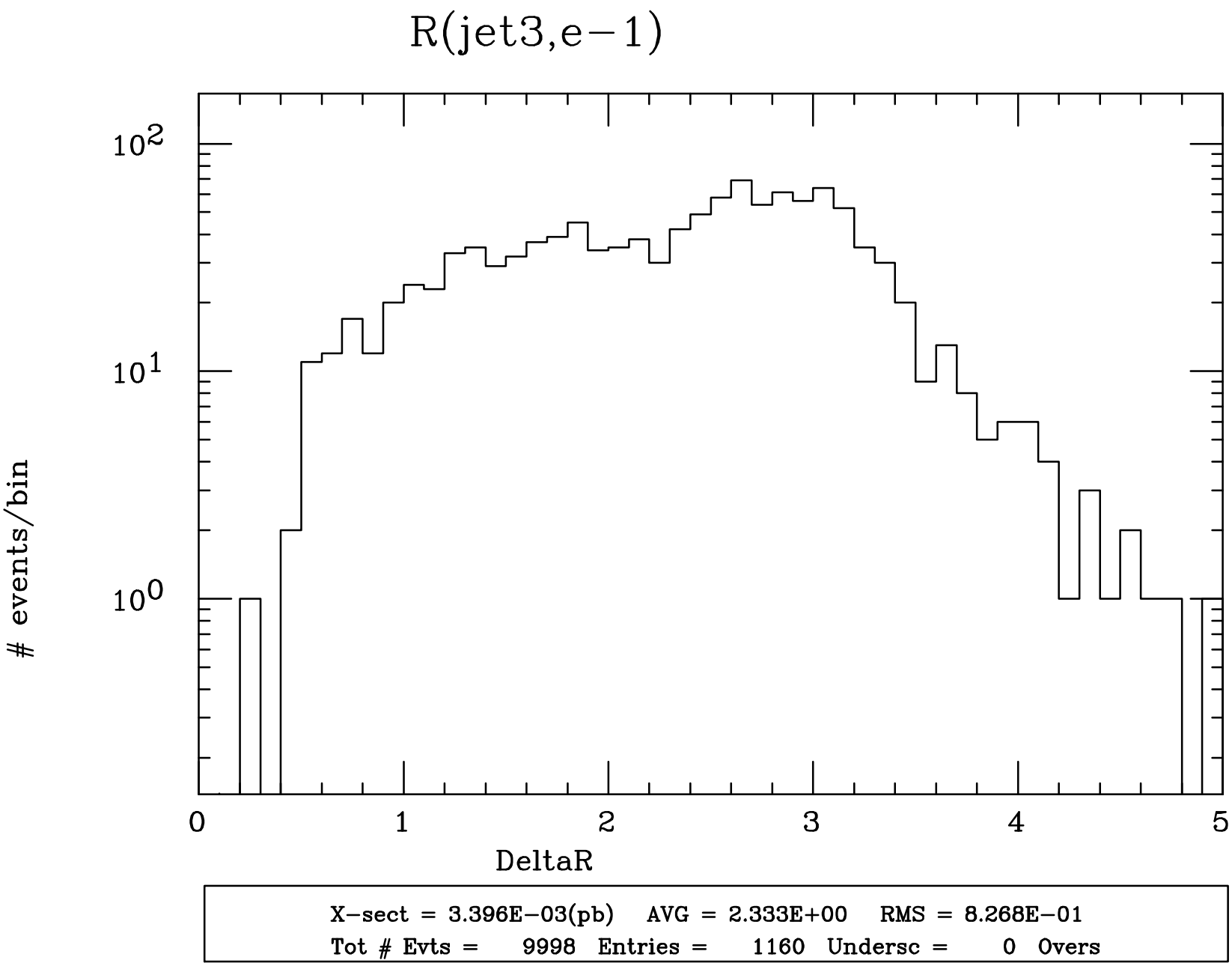

R(jet2,mu+1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.132E+00 RMS = 9.633E-01
Tot # Evts = 9998 Entries = 3520 Undersc = 0 Overs

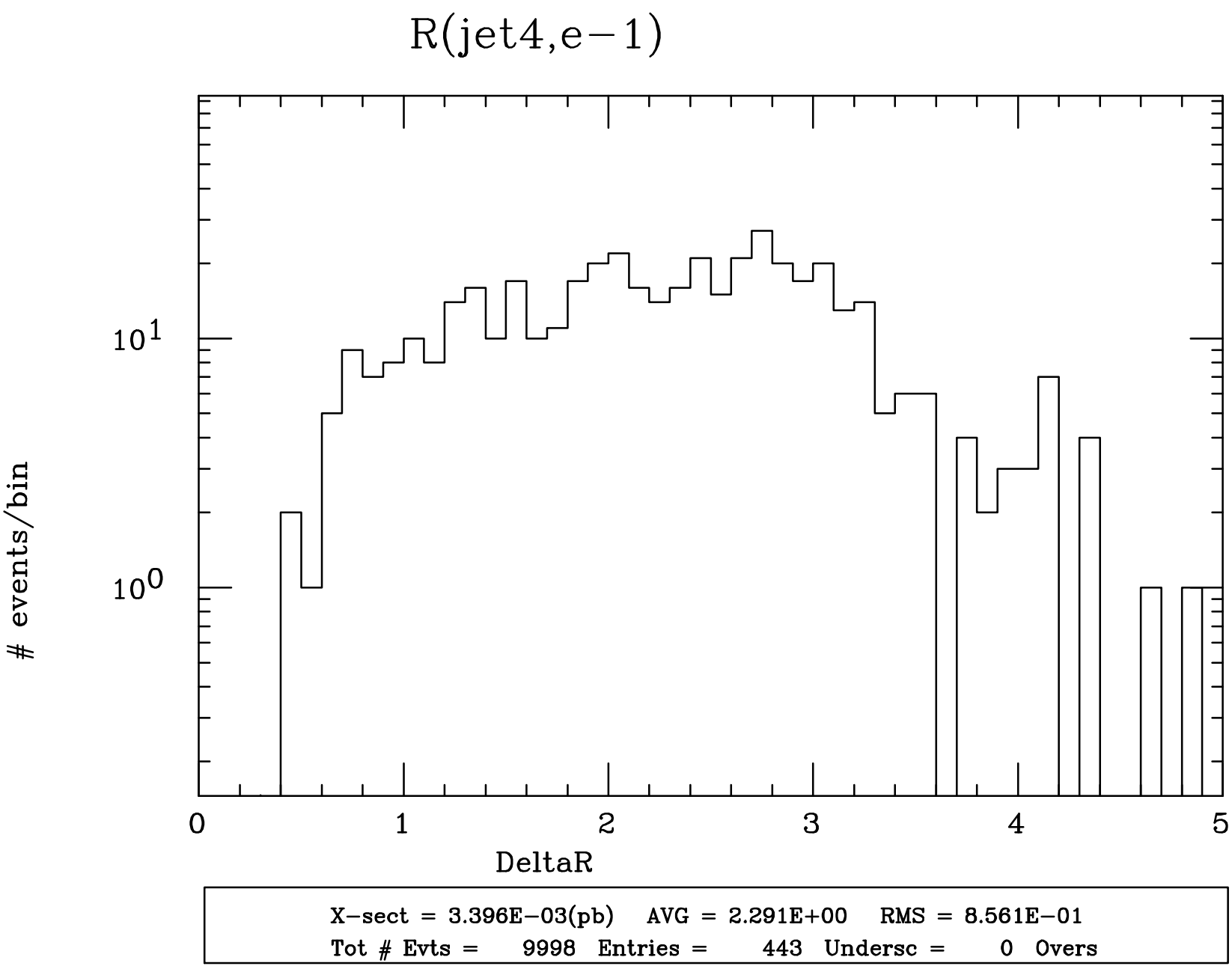

R(jet3,mu+1)
100
50
10
5
1
events/bin
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.129E+00 RMS = 9.893E-01
Tot # Evts = 9998 Entries = 1852 Undersc = 0 Overs

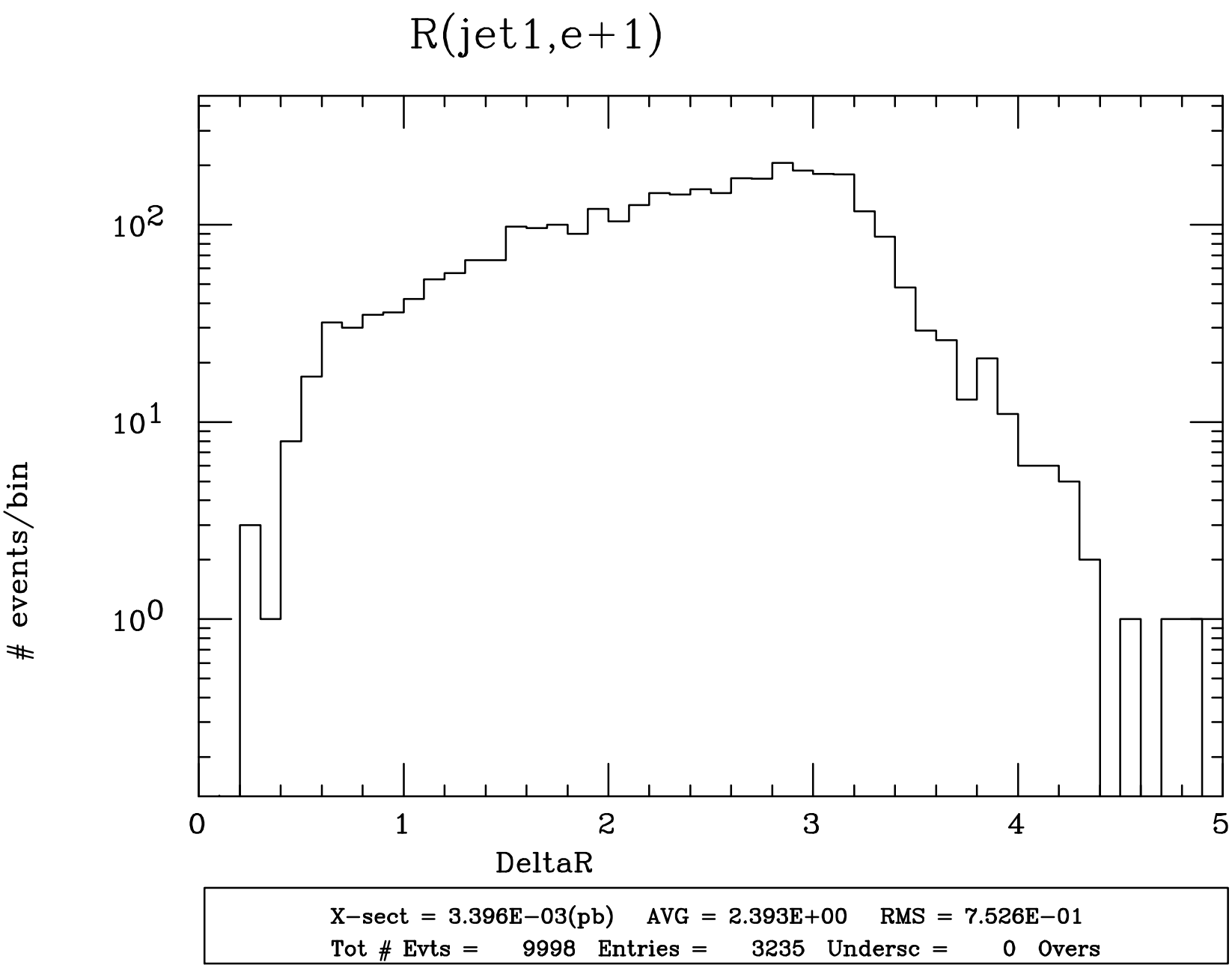

R(jet4,mu+1)
10^2
10^1
10^0
events/bin
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.133E+00 RMS = 9.603E-01
Tot # Evts = 9998 Entries = 754 Undersc = 0 Overs

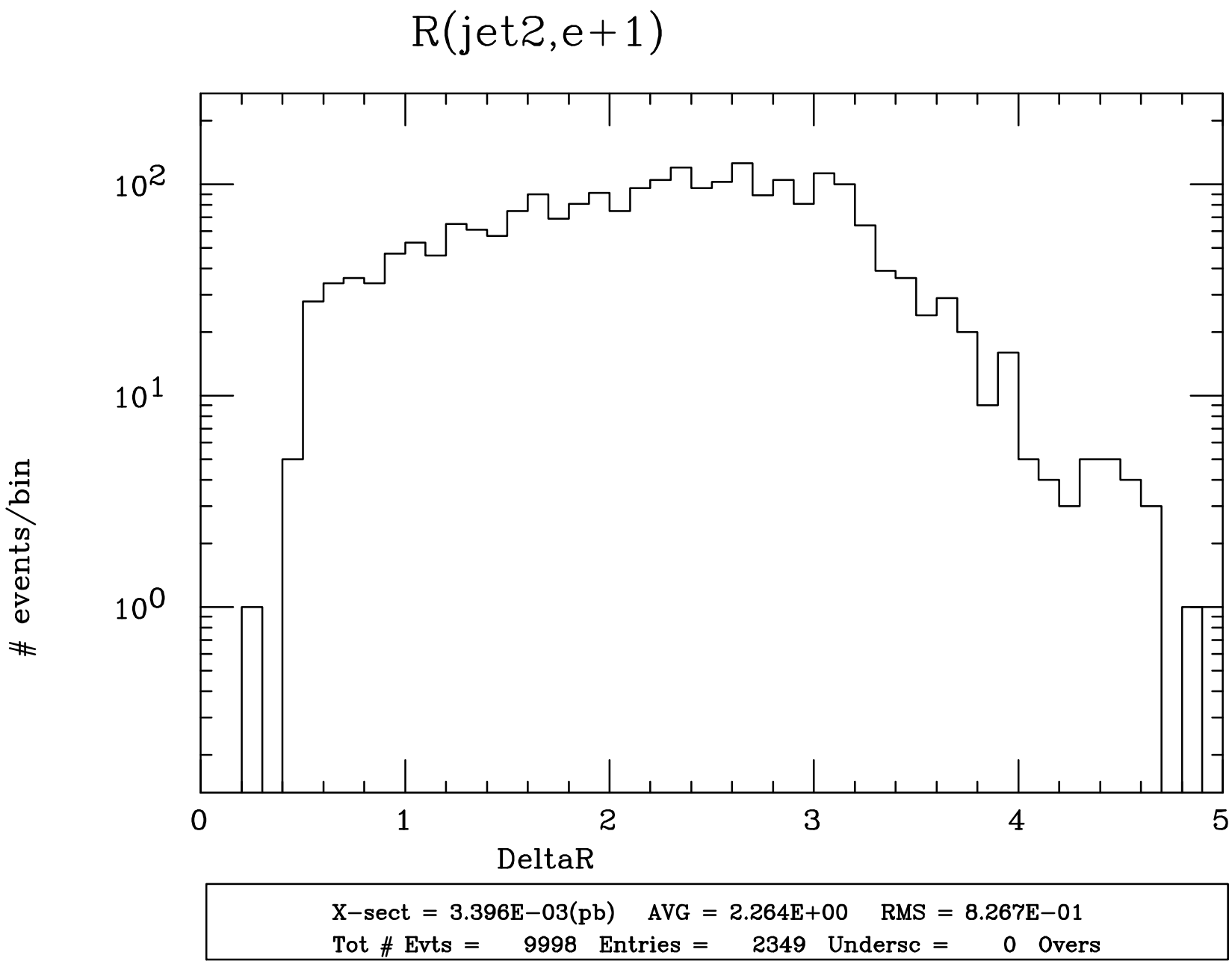

R(jet1,e−1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 2.412E+00 RMS = 7.737E−01
Tot # Evts = 9998 Entries = 3160 Undersc = 0 Overs

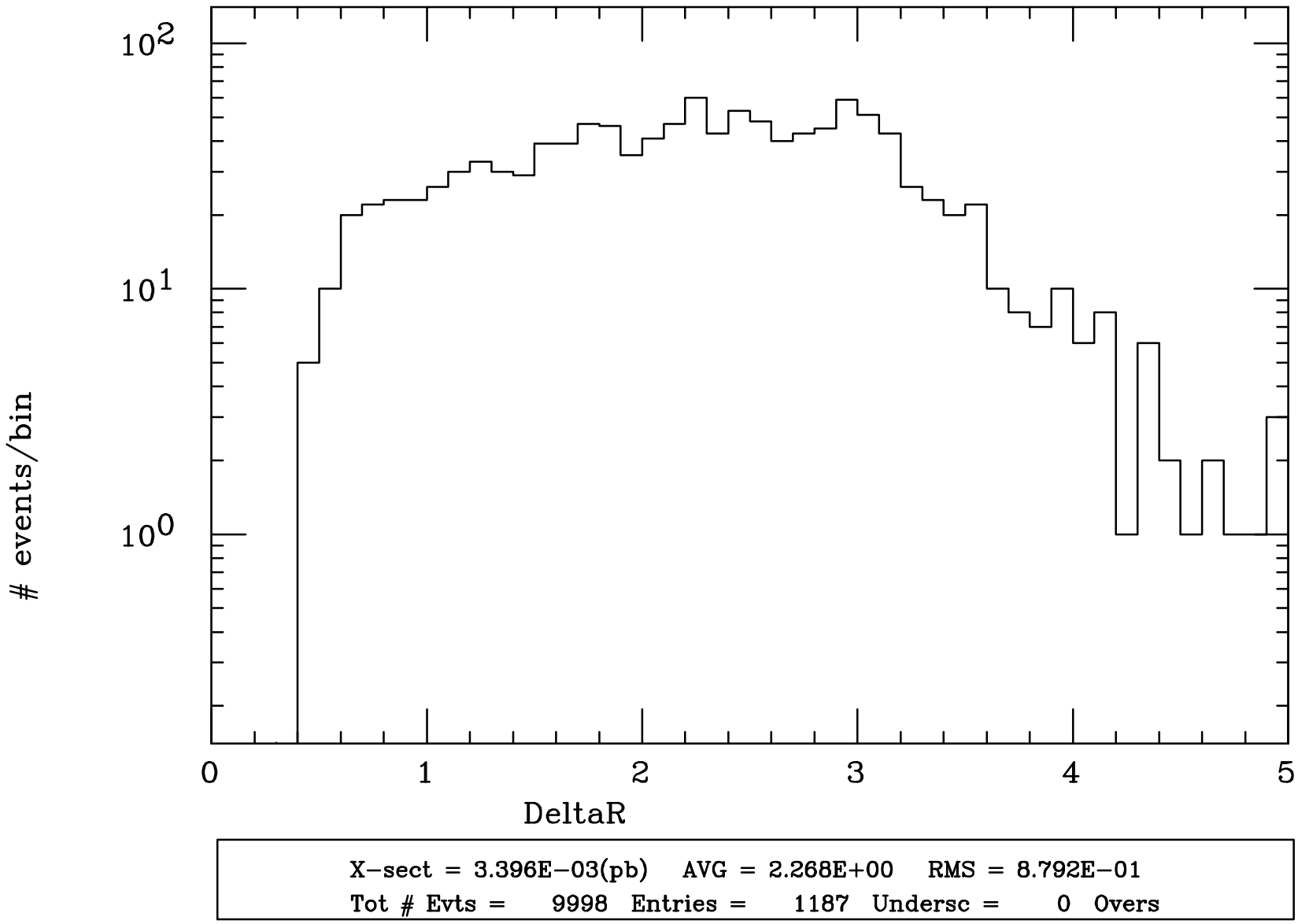

R(jet2,e−1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 2.291E+00 RMS = 8.271E−01
Tot # Evts = 9998 Entries = 2300 Undersc = 0 Overs

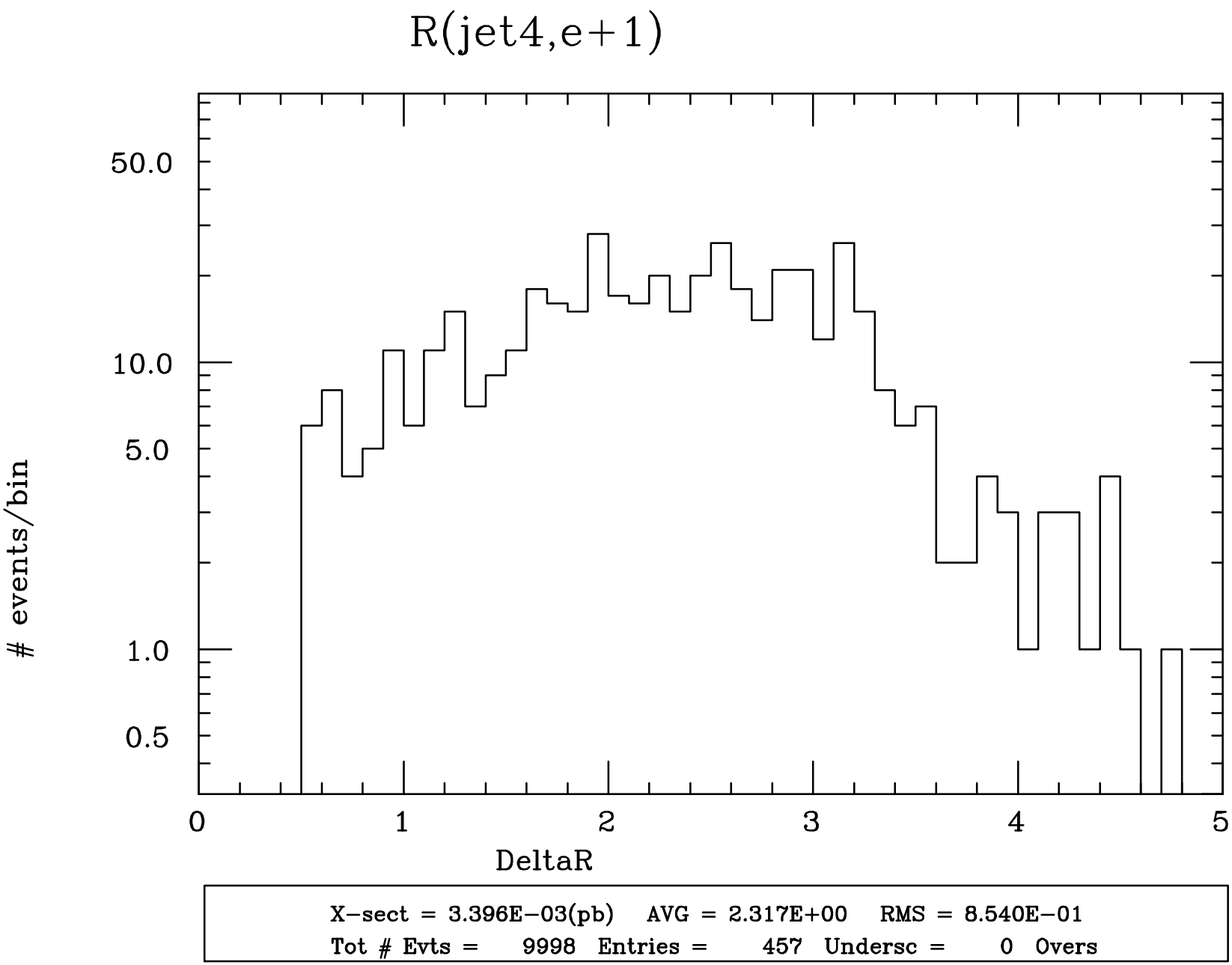

R(jet3,e−1)
10^2
10^1
10^0
events/bin
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 2.333E+00 RMS = 8.268E−01
Tot # Evts = 9998 Entries = 1160 Undersc = 0 Overs

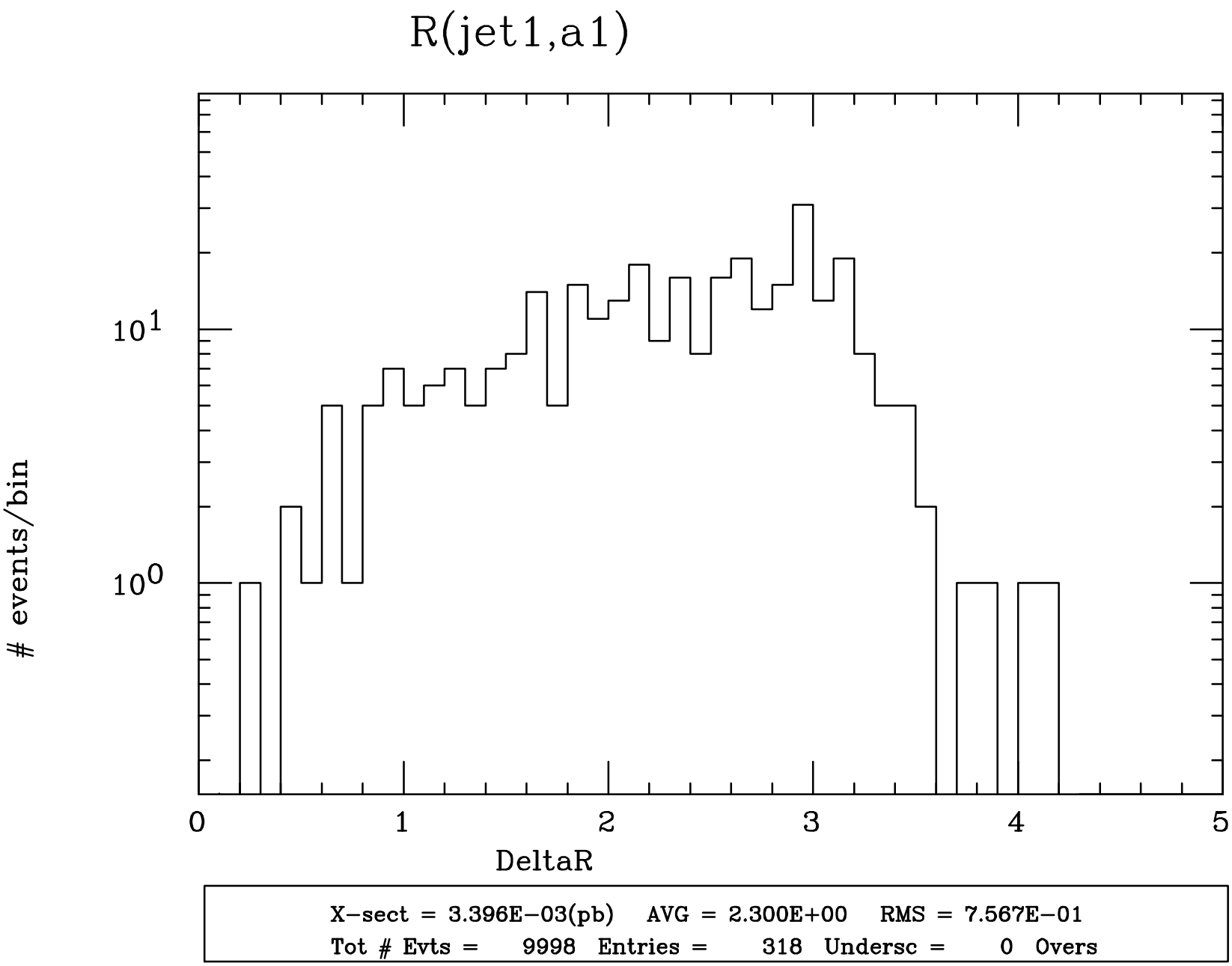

R(jet4,e−1)
# events/bin
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 2.291E+00 RMS = 8.561E−01
Tot # Evts = 9998 Entries = 443 Undersc = 0 Overs

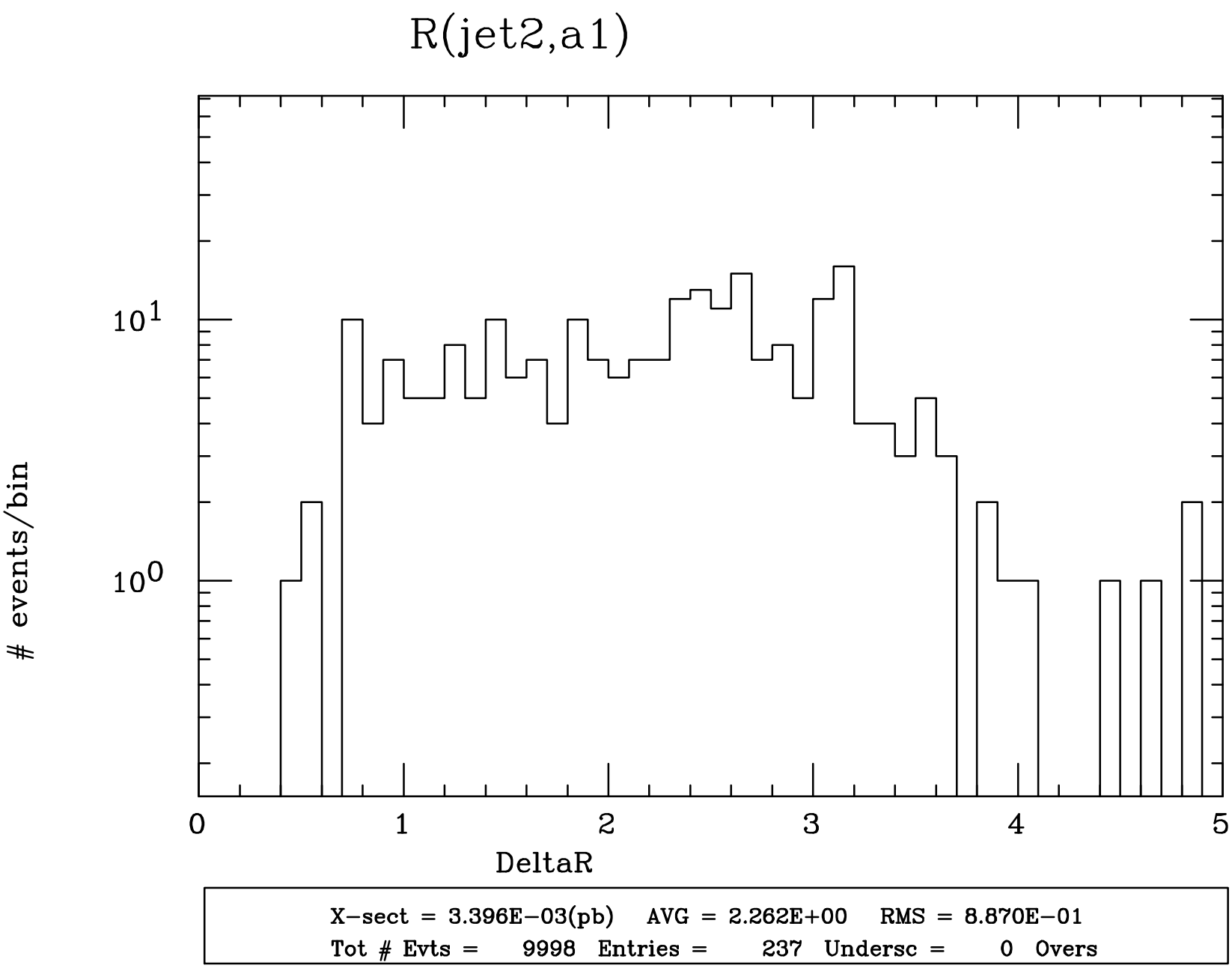

R(jet1,e+1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.393E+00 RMS = 7.526E-01
Tot # Evts = 9998 Entries = 3235 Undersc = 0 Overs

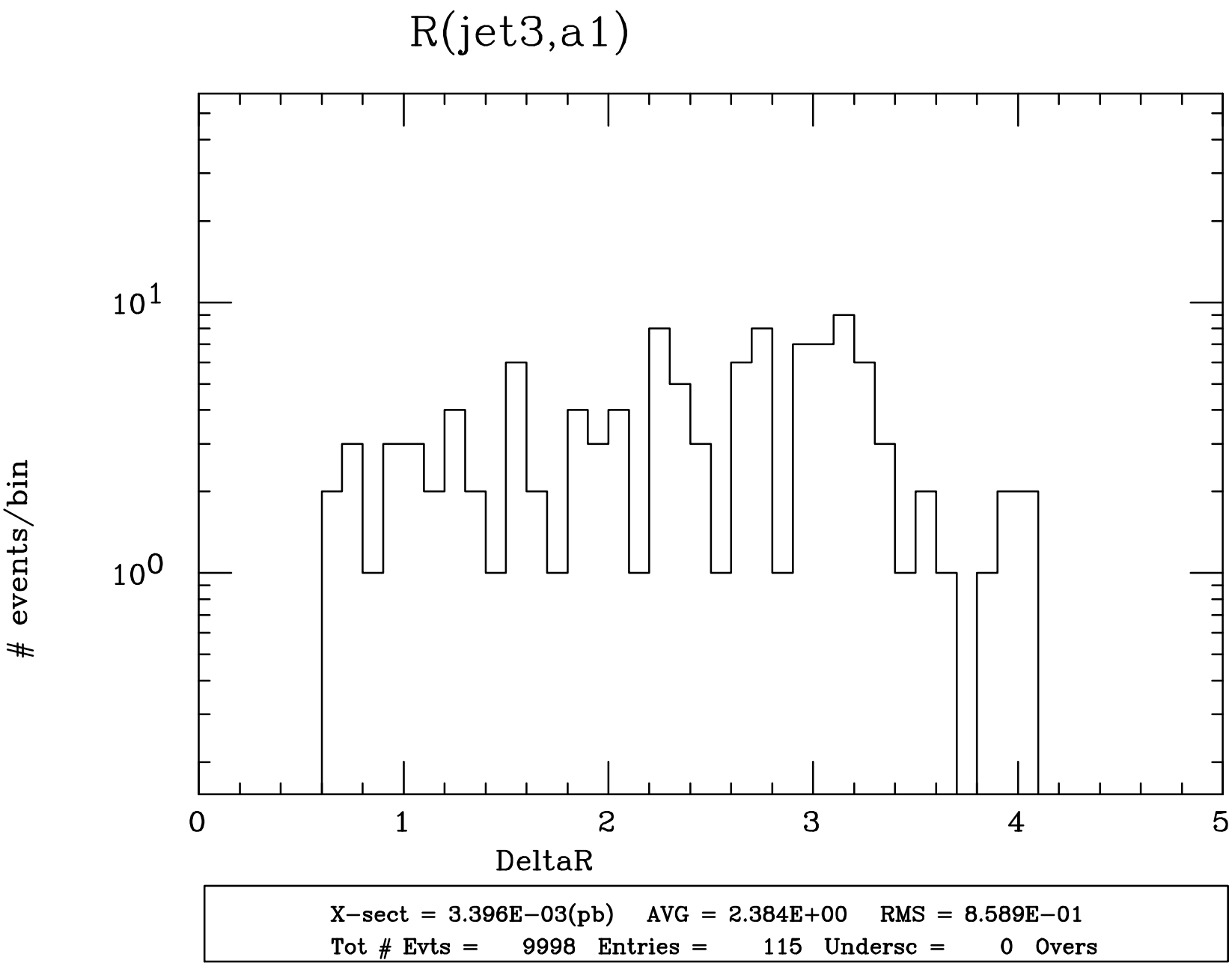

R(jet2,e+1)
10^2
10^1
10^0
events/bin
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.264E+00 RMS = 8.267E-01
Tot # Evts = 9998 Entries = 2349 Undersc = 0 Overs

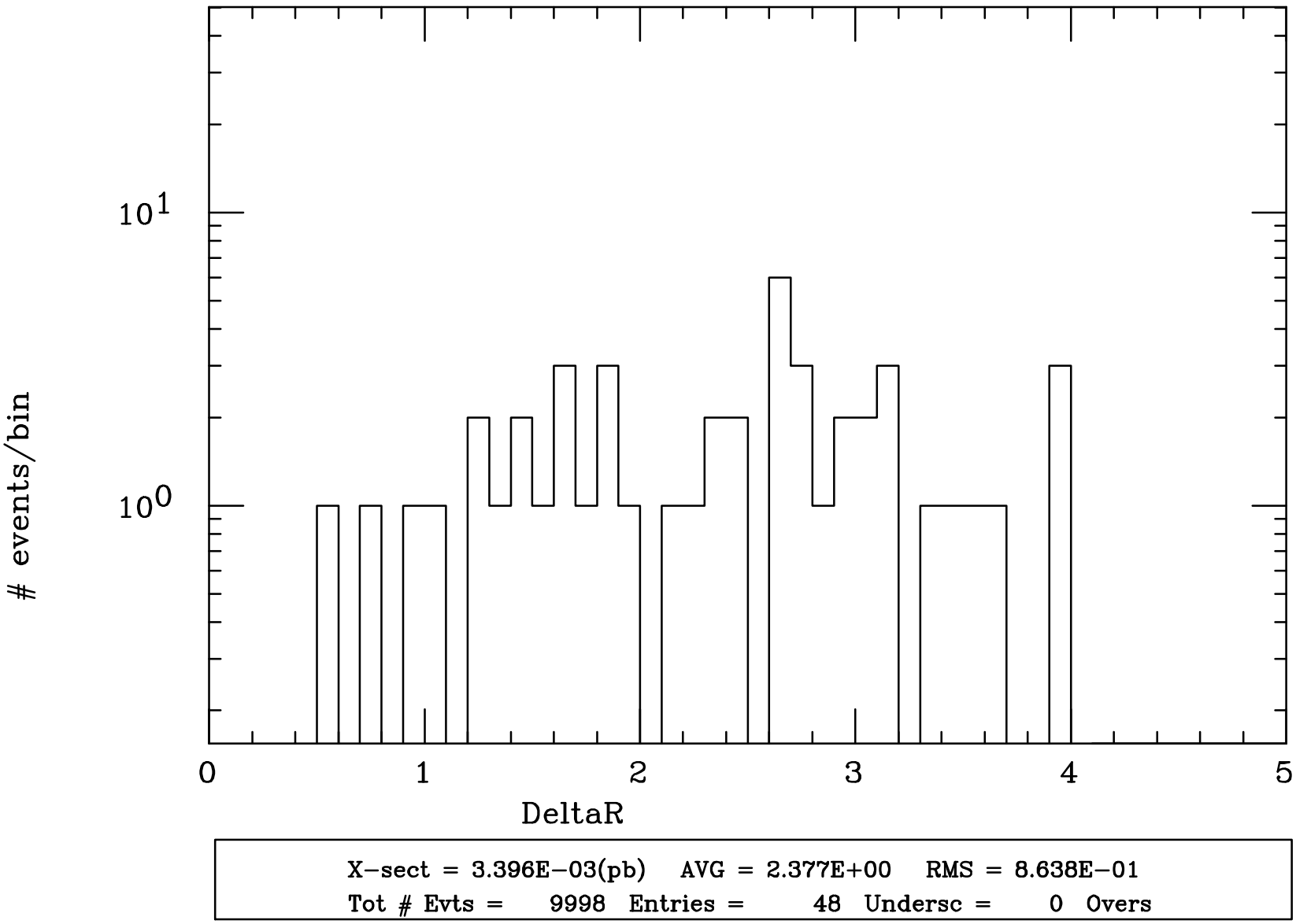

R(jet3,e+1)
10^2
10^1
10^0
events/bin
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.268E+00 RMS = 8.792E-01
Tot # Evts = 9998 Entries = 1187 Undersc = 0 Overs

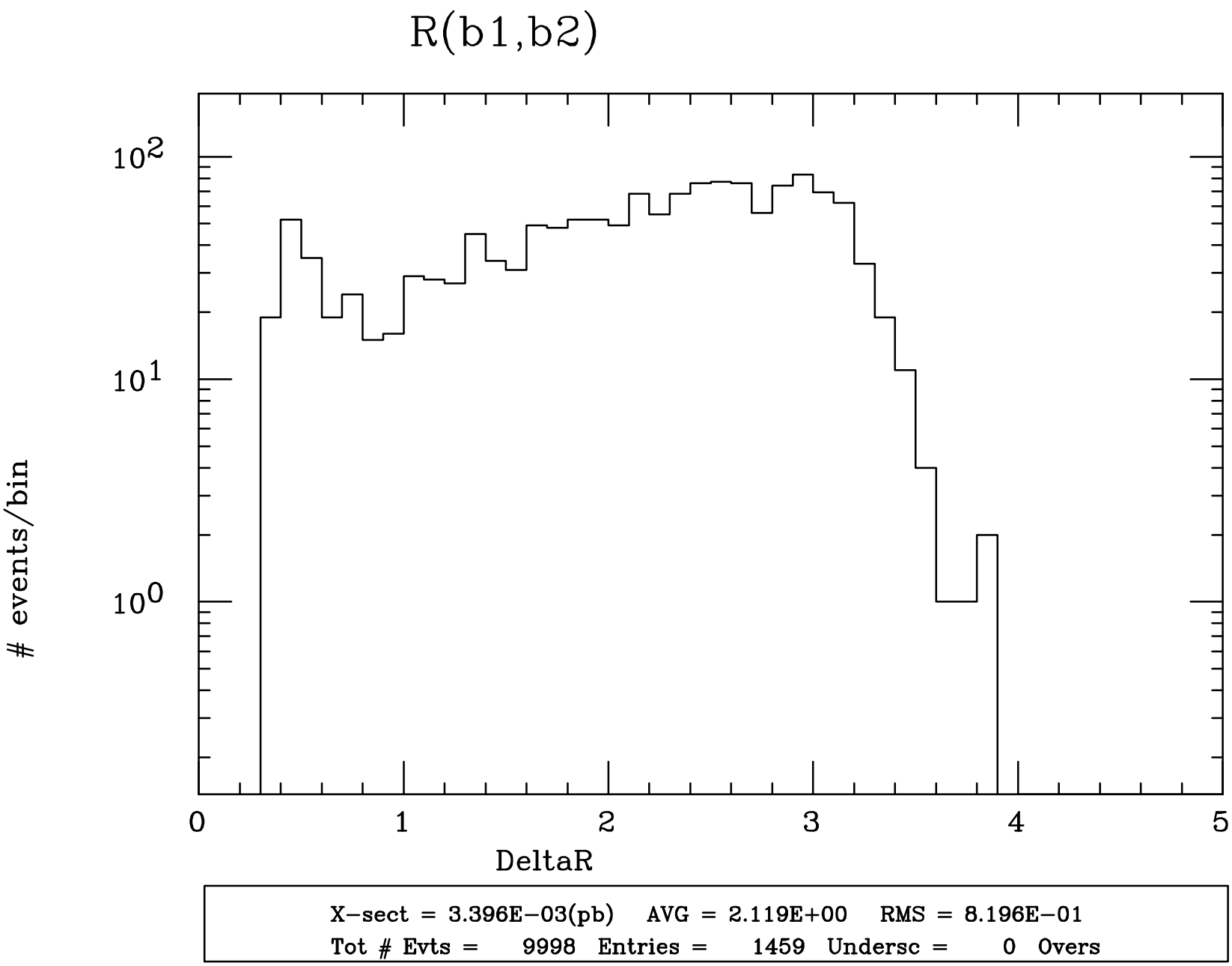

R(jet4,e+1)
50.0
10.0
5.0
1.0
0.5
events/bin
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.317E+00 RMS = 8.540E-01
Tot # Evts = 9998 Entries = 457 Undersc = 0 Overs

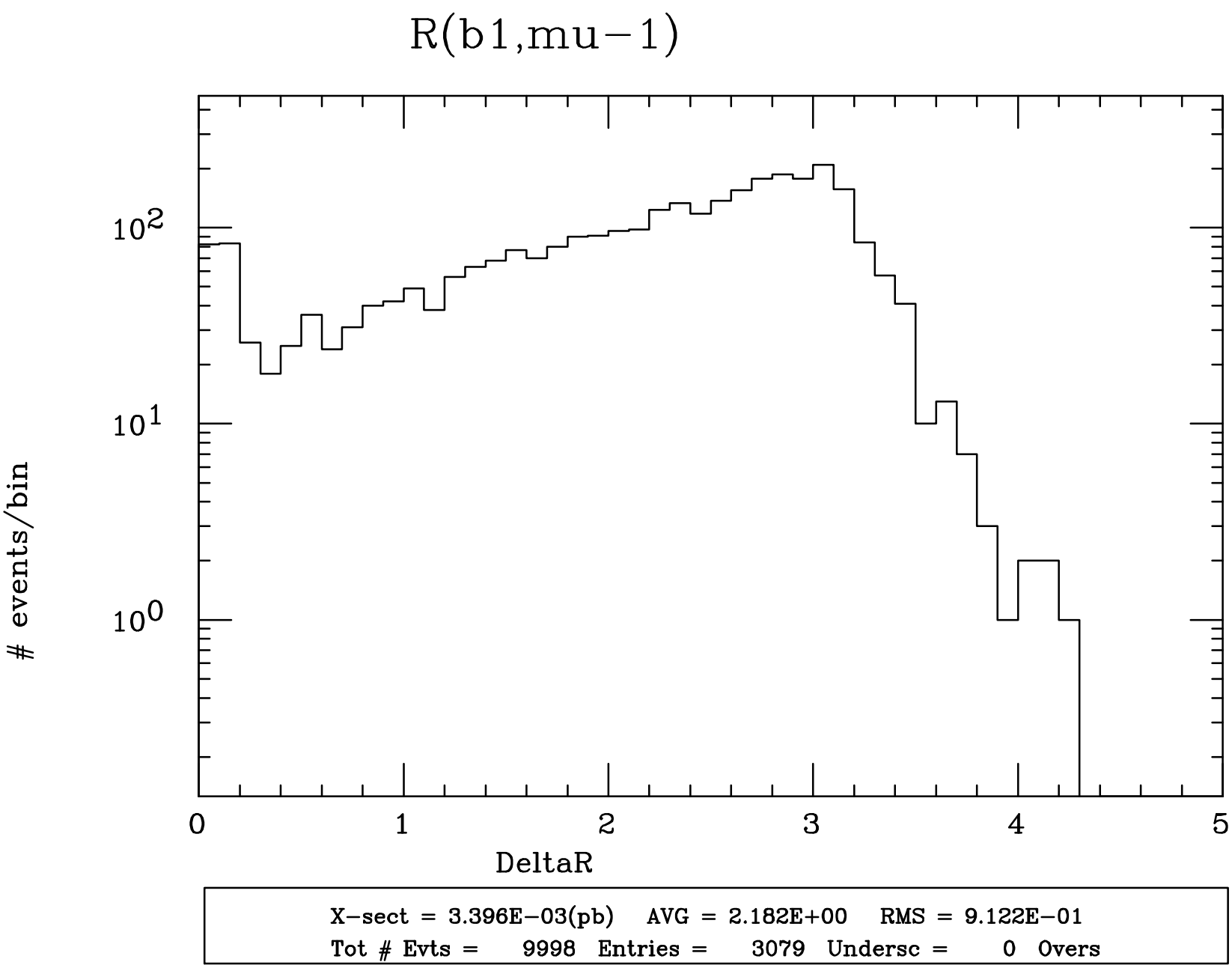

R(jet1,a1)
# events/bin
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.300E+00 RMS = 7.567E-01
Tot # Evts = 9998 Entries = 318 Undersc = 0 Overs

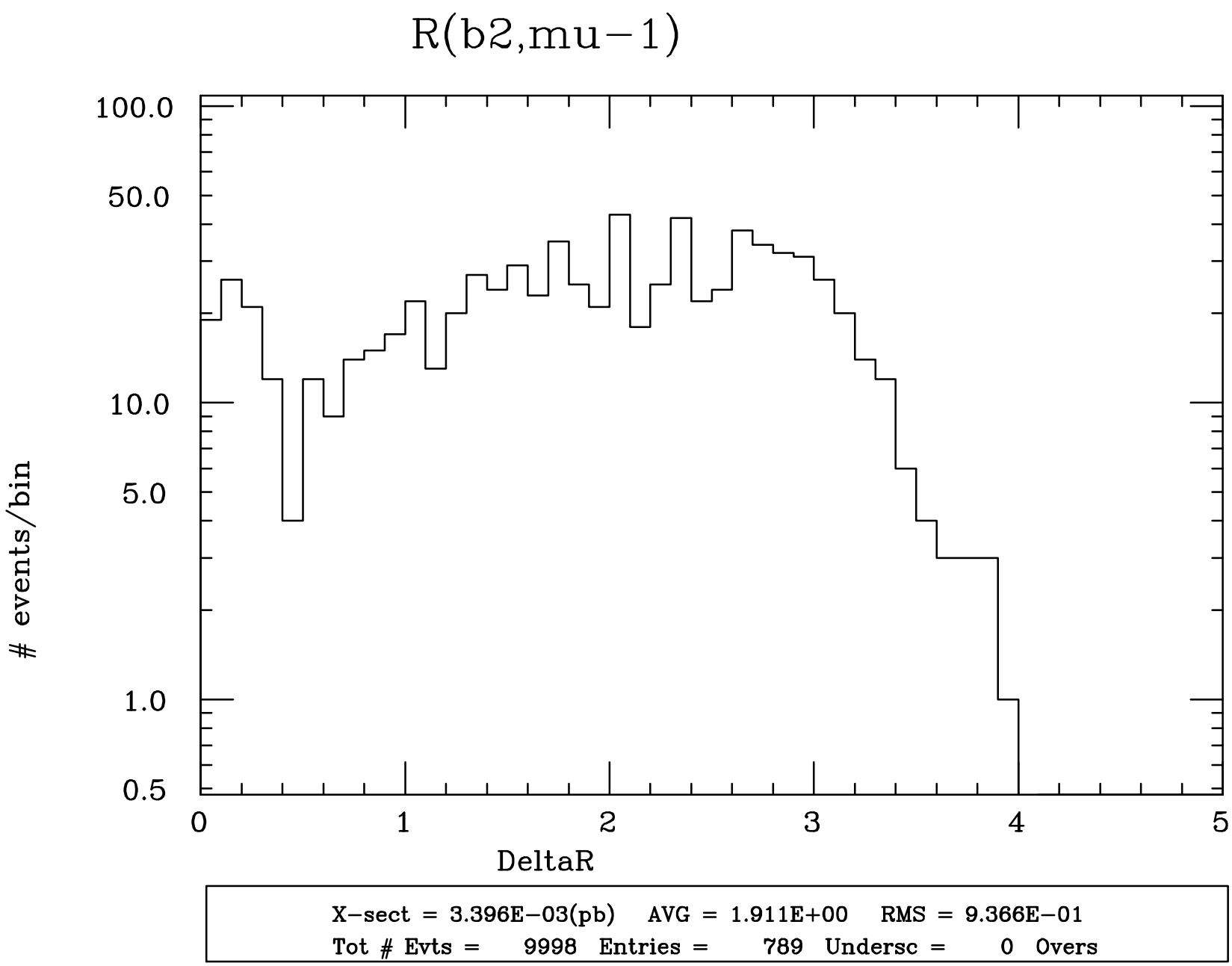

R(jet2,a1)
# events/bin
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.262E+00 RMS = 8.870E-01
Tot # Evts = 9998 Entries = 237 Undersc = 0 Overs

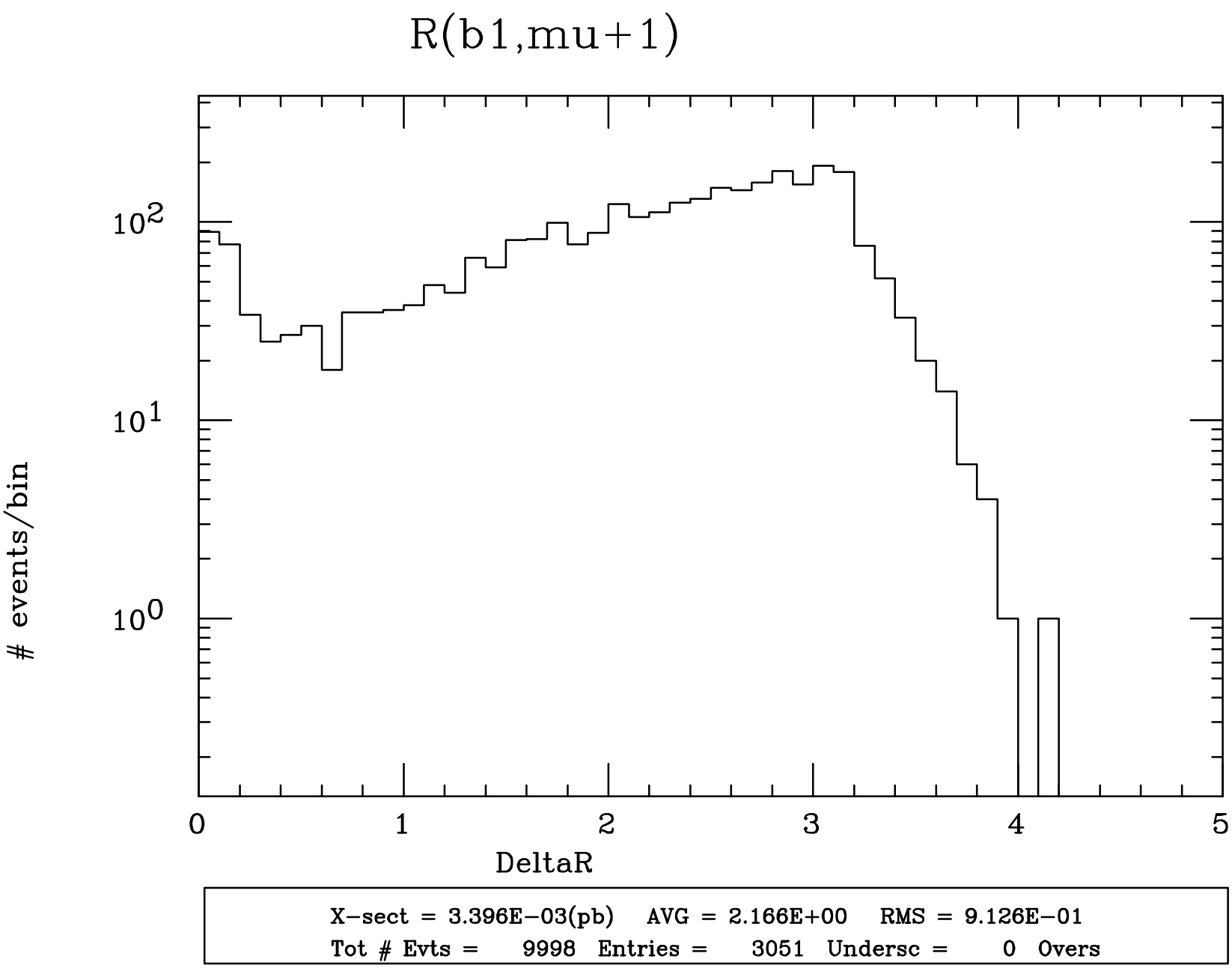

R(jet3,a1)
# events/bin
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.384E+00 RMS = 8.589E-01
Tot # Evts = 9998 Entries = 115 Undersc = 0 Overs

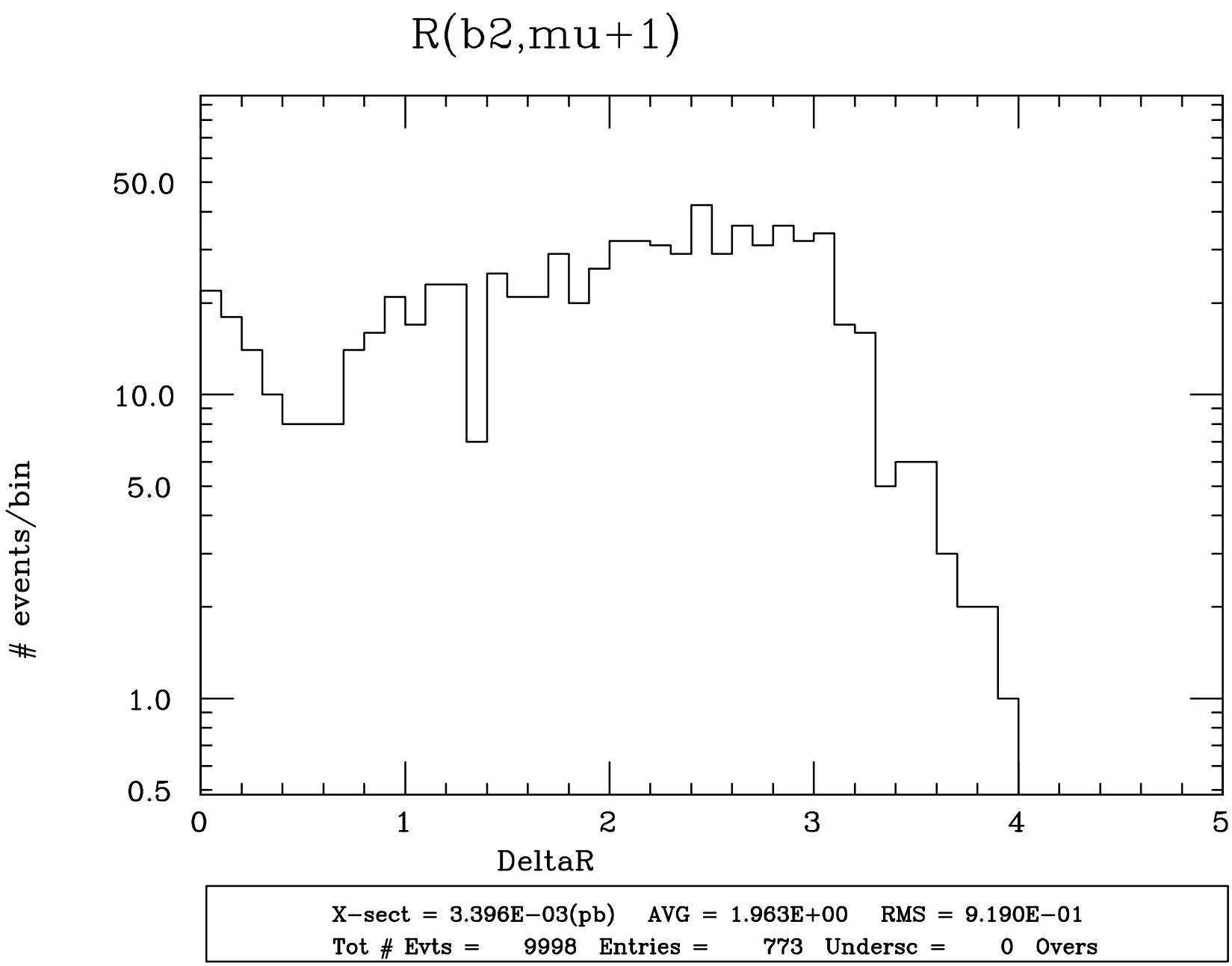

R(jet4,a1)
# events/bin
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.377E+00 RMS = 8.638E-01
Tot # Evts = 9998 Entries = 48 Undersc = 0 Overs

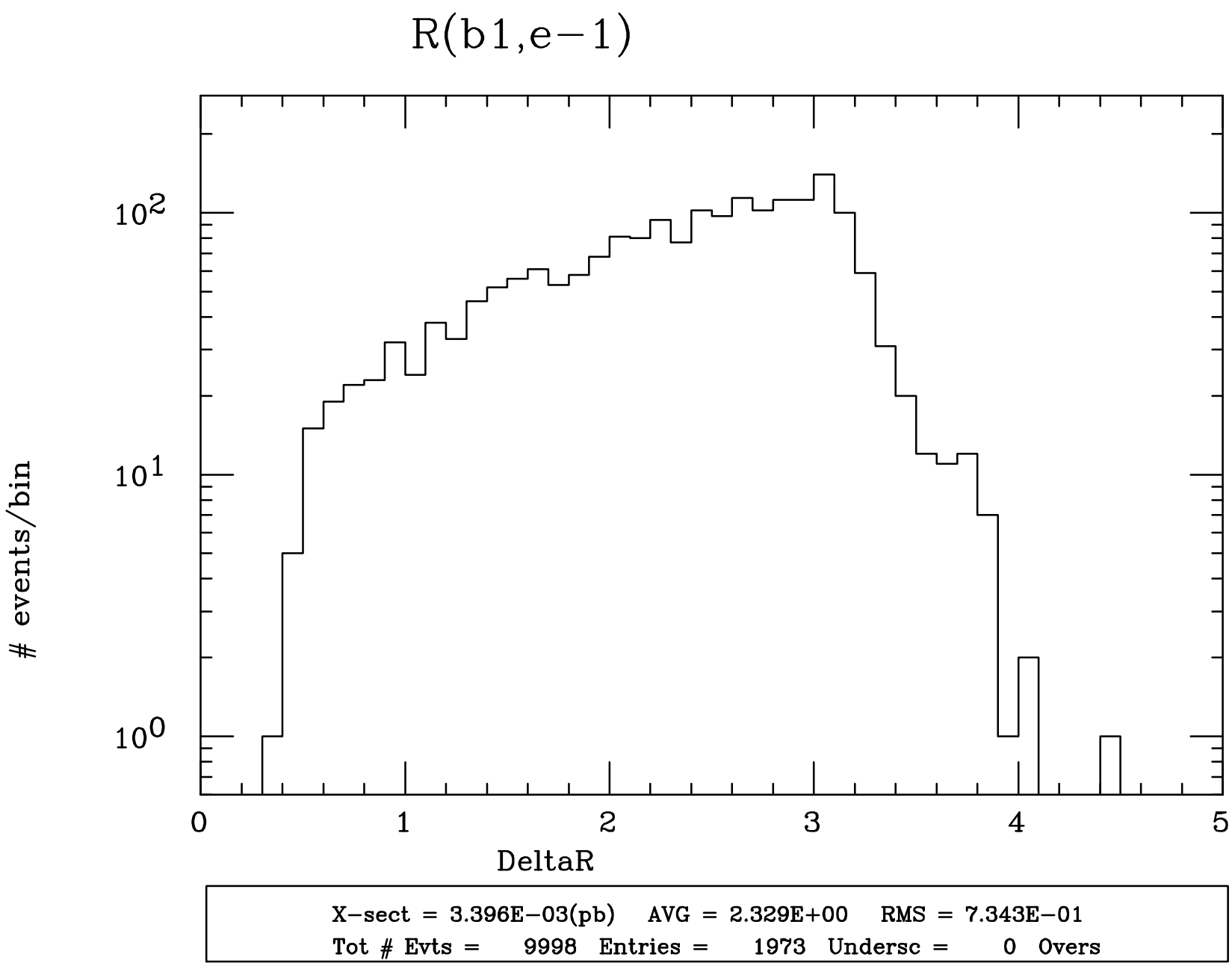

R(b1,b2)
10^2
10^1
10^0
events/bin
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.119E+00 RMS = 8.196E-01
Tot # Evts = 9998 Entries = 1459 Undersc = 0 Overs

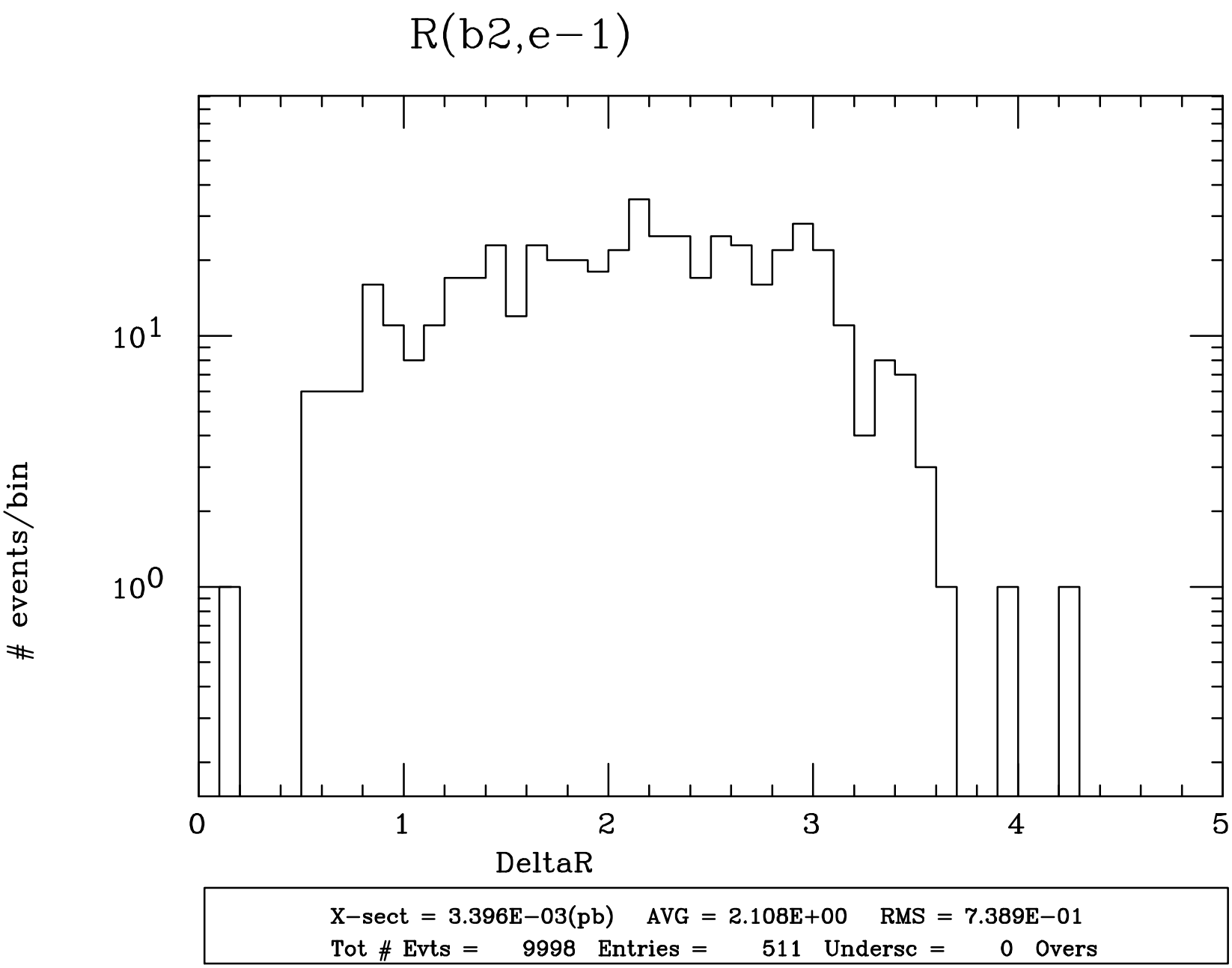

R(b1,mu−1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 2.182E+00 RMS = 9.122E−01
Tot # Evts = 9998 Entries = 3079 Undersc = 0 Overs

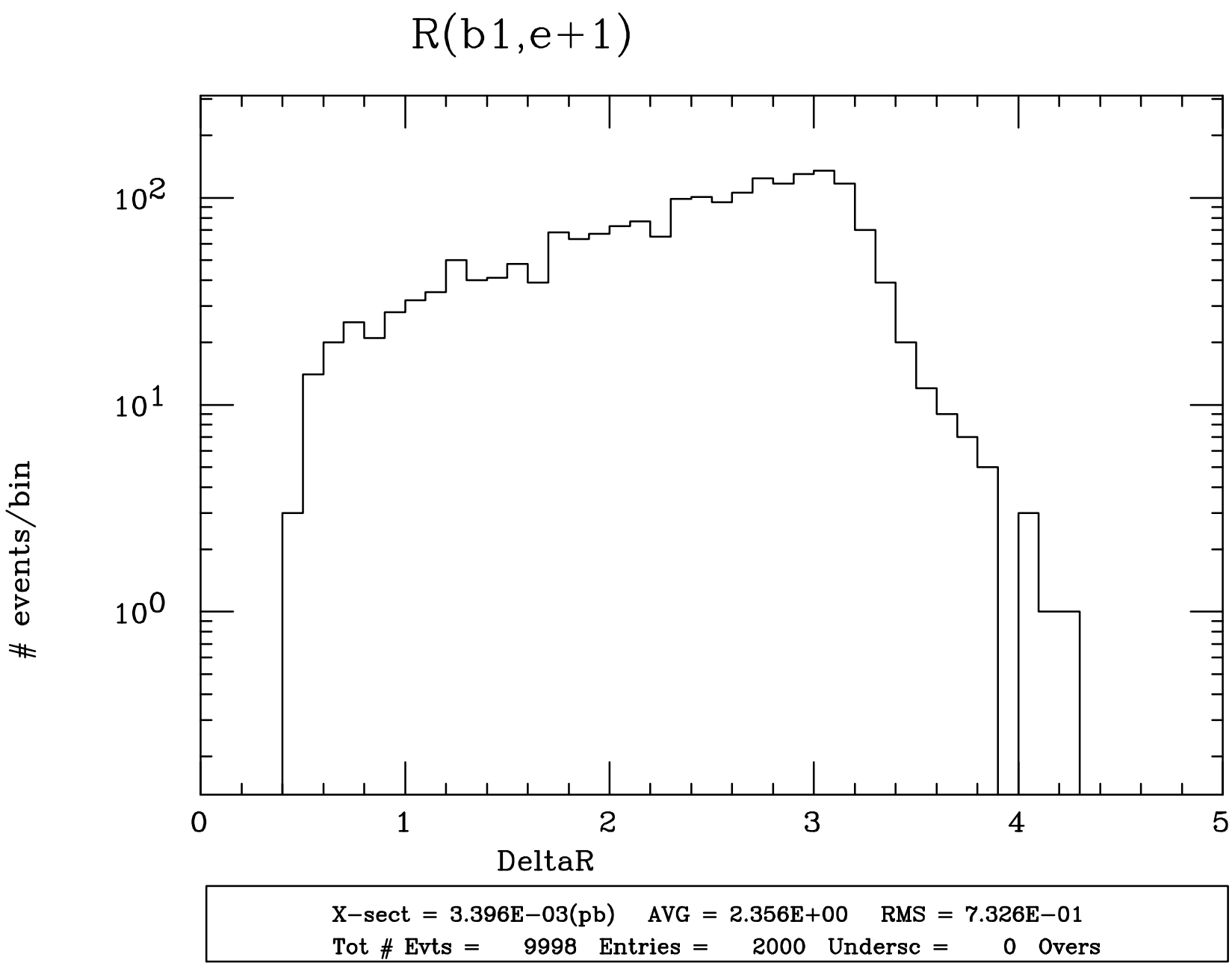

R(b2,mu-1)
100.0
50.0
10.0
5.0
1.0
0.5
events/bin
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 1.911E+00 RMS = 9.366E-01
Tot # Evts = 9998 Entries = 789 Undersc = 0 Overs

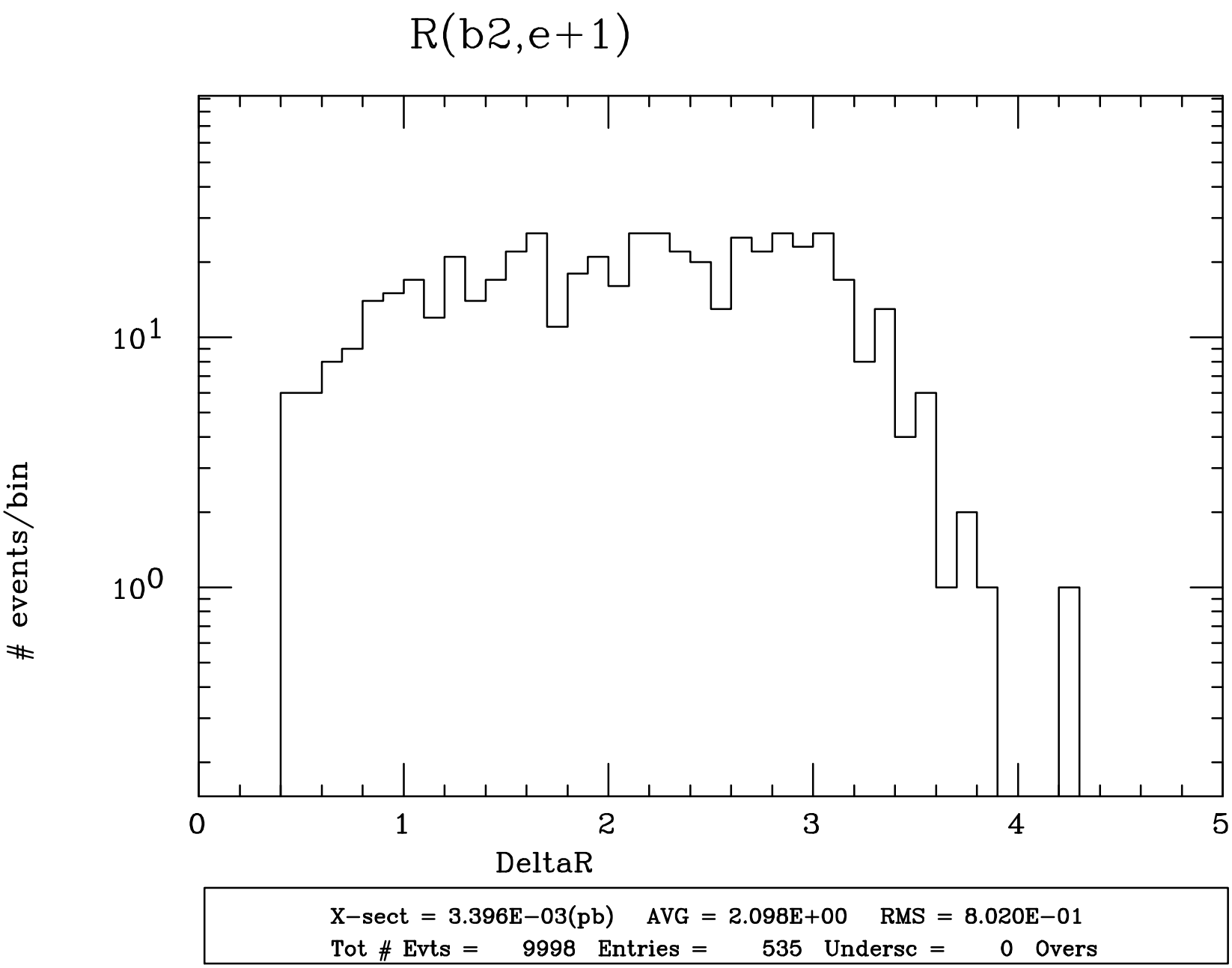

R(b1,mu+1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.166E+00 RMS = 9.126E-01
Tot # Evts = 9998 Entries = 3051 Undersc = 0 Overs

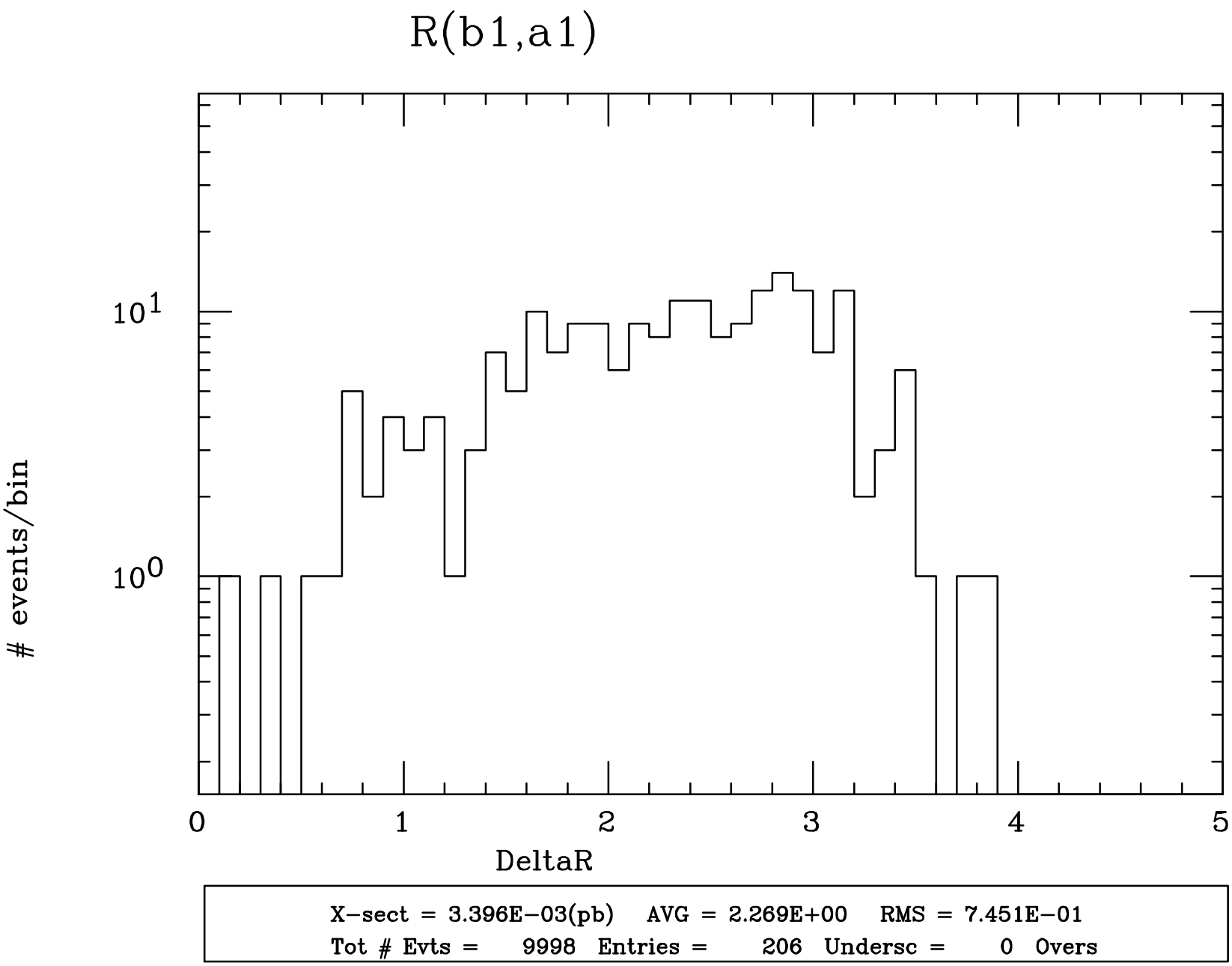

R(b2,mu+1)
50.0
10.0
5.0
1.0
0.5
events/bin
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 1.963E+00 RMS = 9.190E-01
Tot # Evts = 9998 Entries = 773 Undersc = 0 Overs

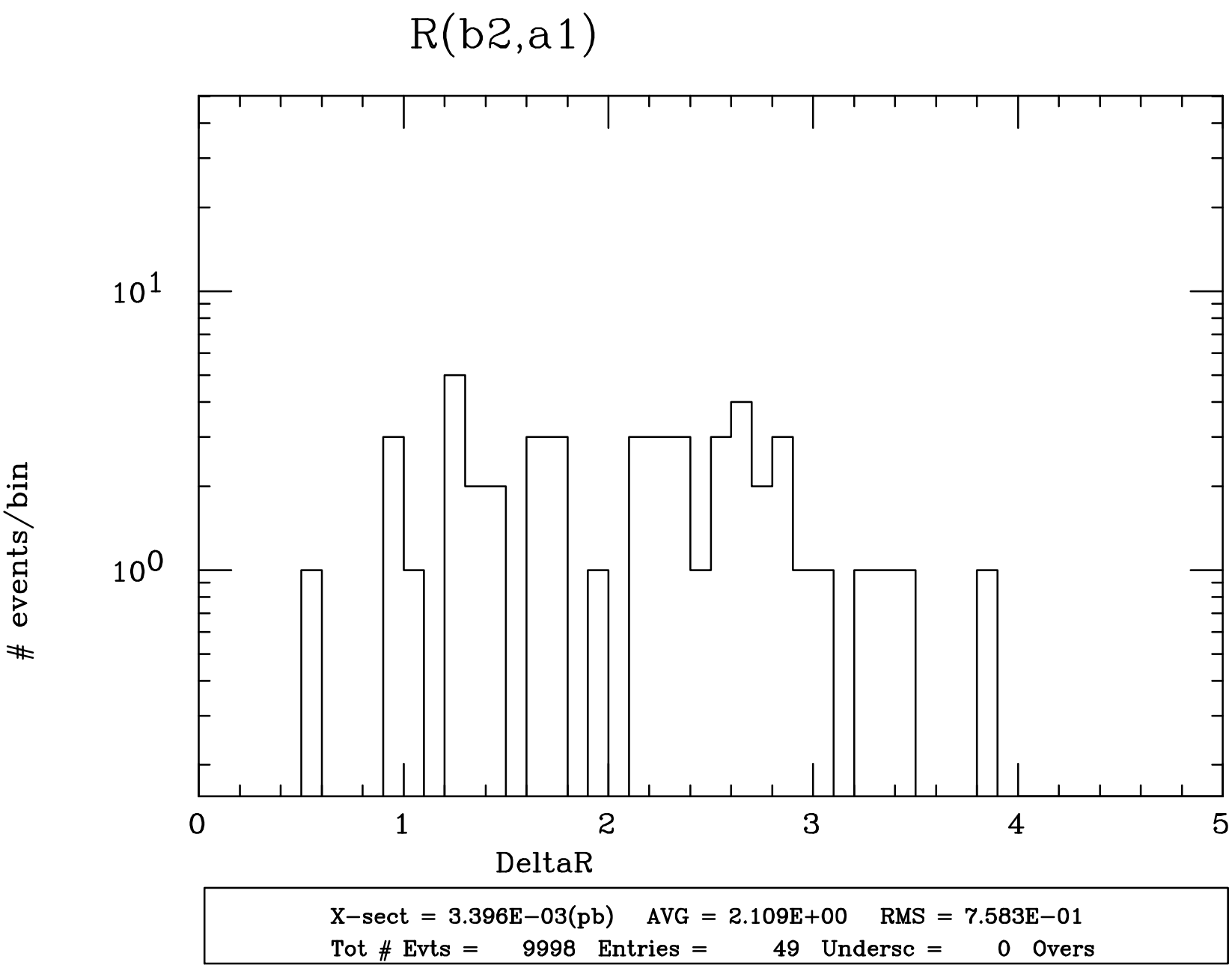

R(b1,e−1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 2.329E+00 RMS = 7.343E−01
Tot # Evts = 9998 Entries = 1973 Undersc = 0 Overs

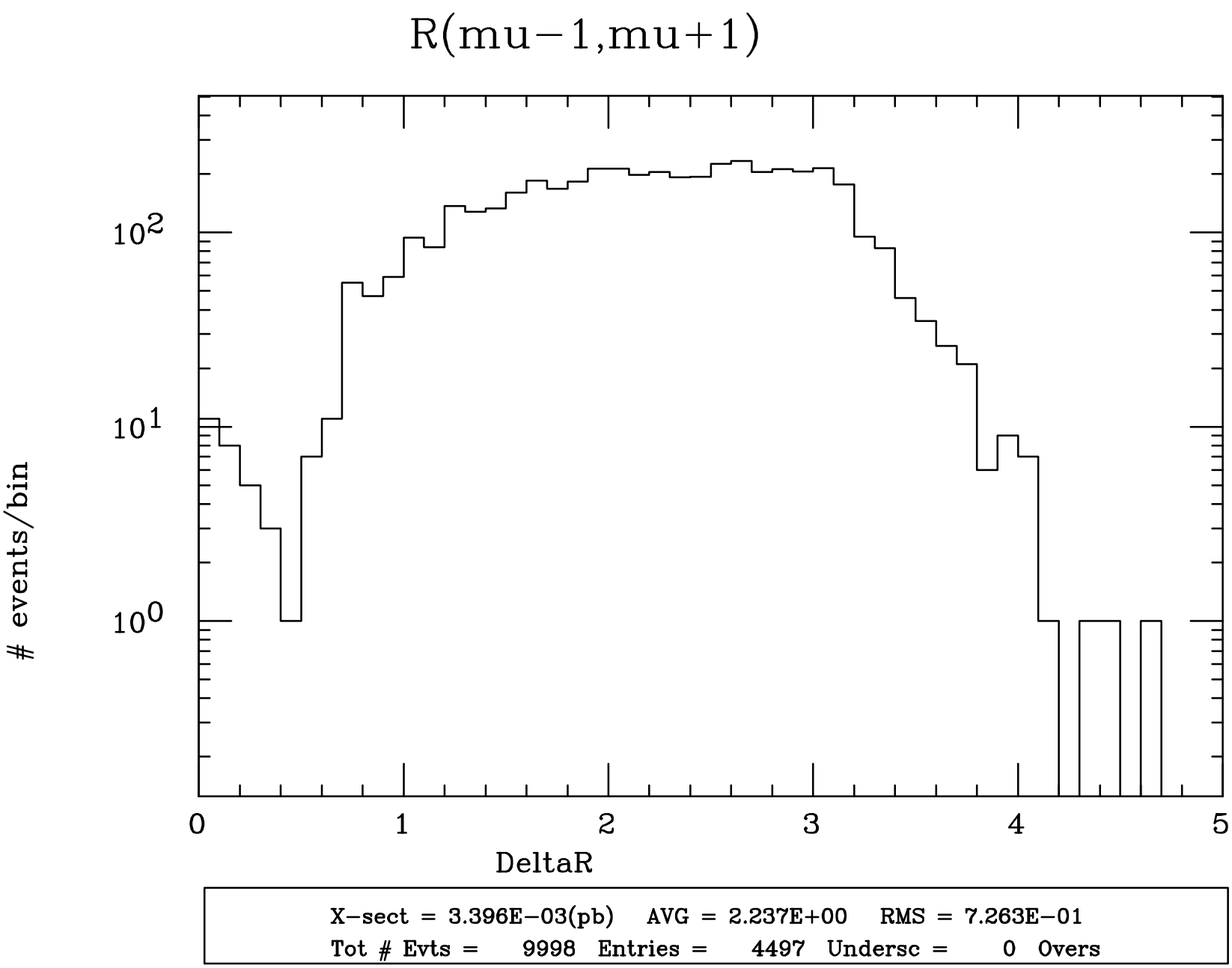

R(b2,e−1)
# events/bin
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 2.108E+00 RMS = 7.389E−01
Tot # Evts = 9998 Entries = 511 Undersc = 0 Overs

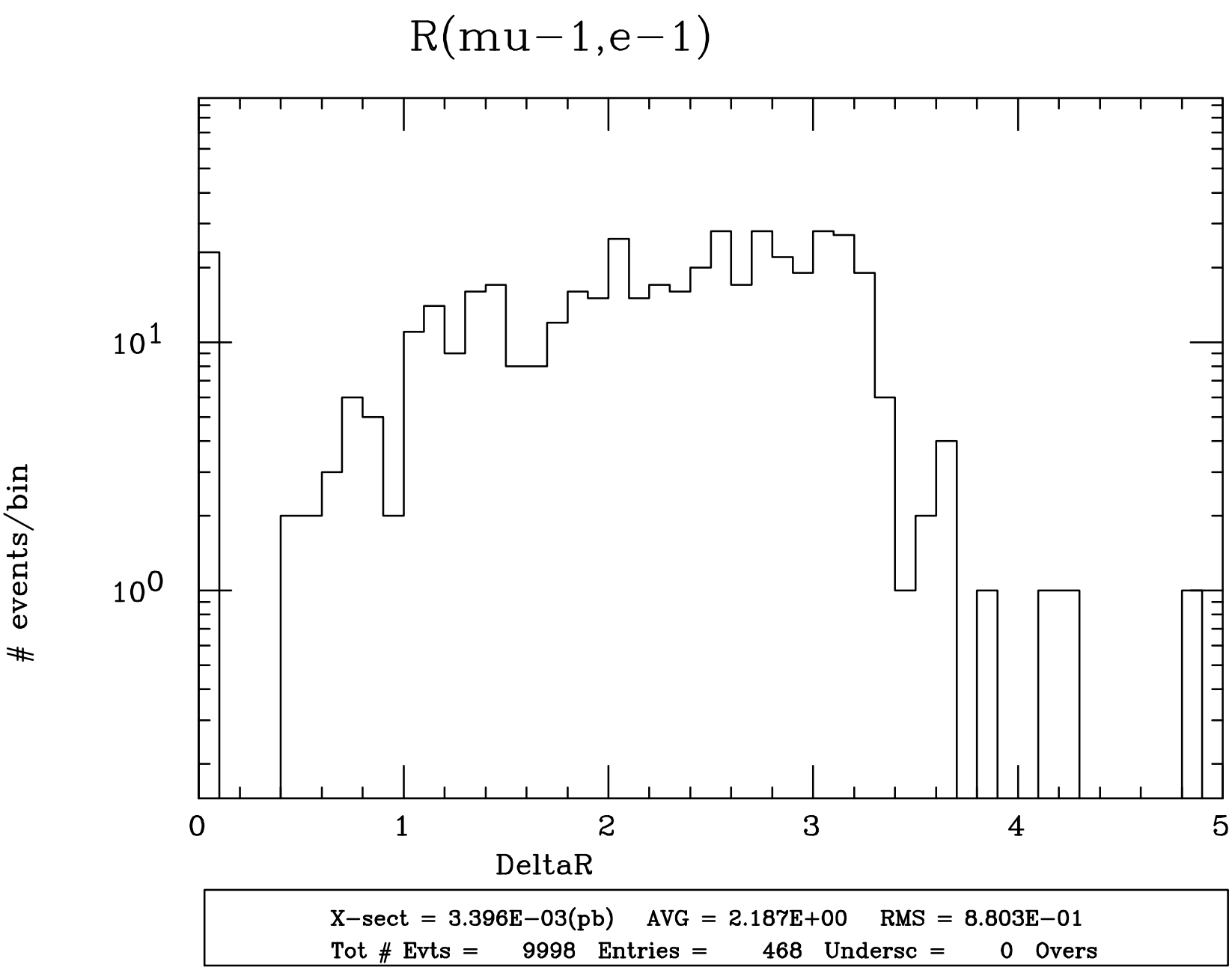

R(b1,e+1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.356E+00 RMS = 7.326E-01
Tot # Evts = 9998 Entries = 2000 Undersc = 0 Overs

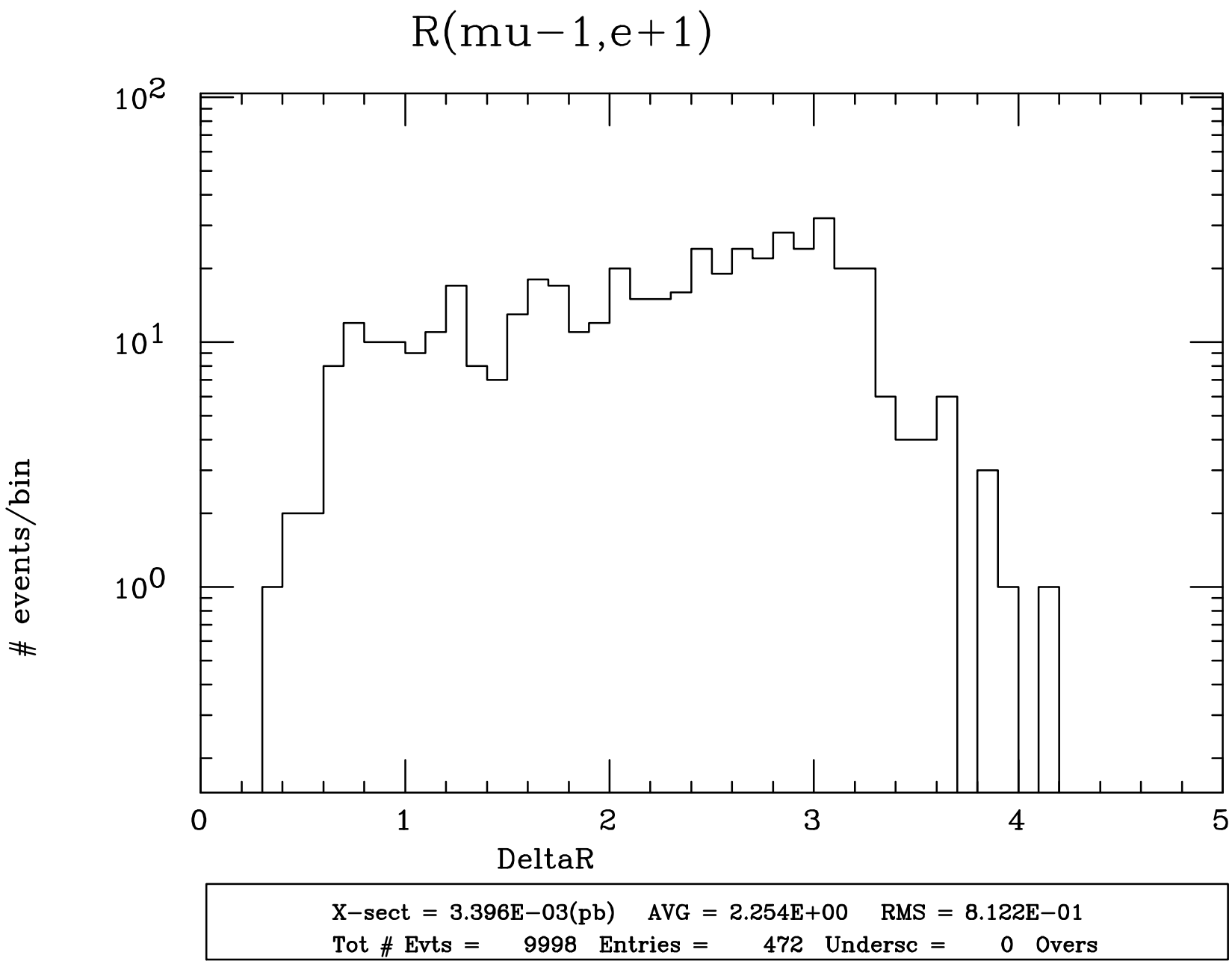

R(b2,e+1)
# events/bin
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.098E+00 RMS = 8.020E-01
Tot # Evts = 9998 Entries = 535 Undersc = 0 Overs

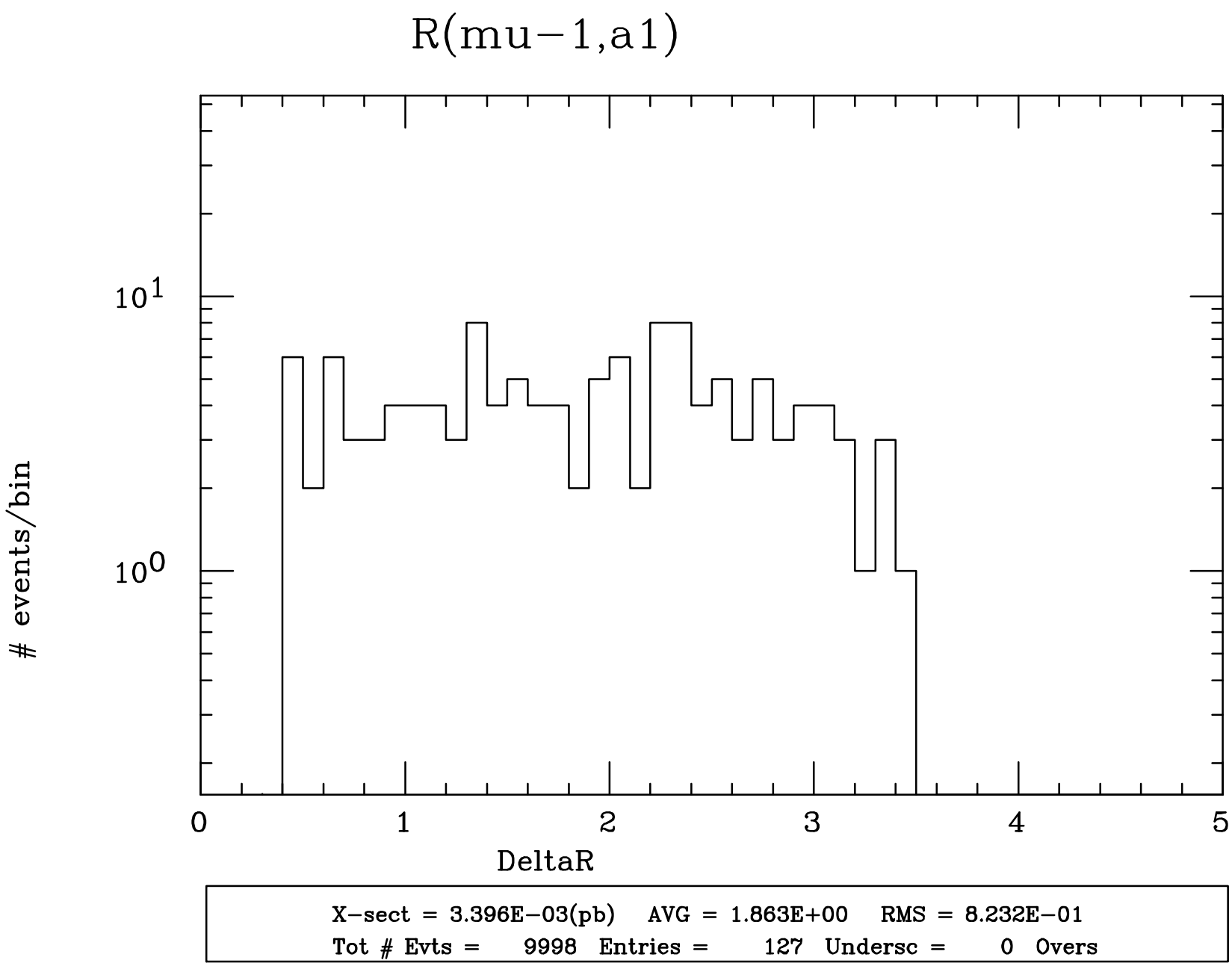

R(b1,a1)
# events/bin
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.269E+00 RMS = 7.451E-01
Tot # Evts = 9998 Entries = 206 Undersc = 0 Overs

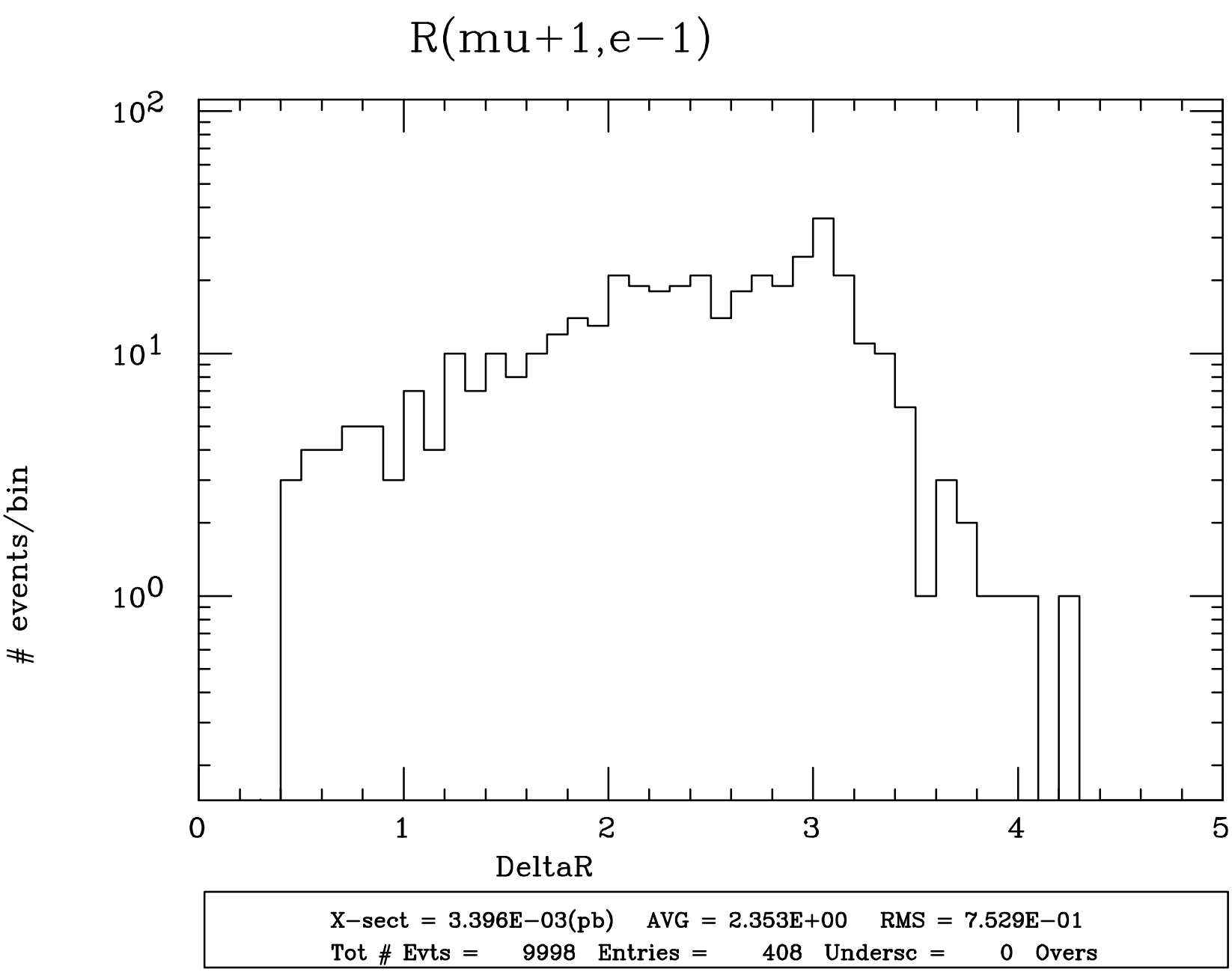

R(b2,a1)
# events/bin
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.109E+00 RMS = 7.583E-01
Tot # Evts = 9998 Entries = 49 Undersc = 0 Overs

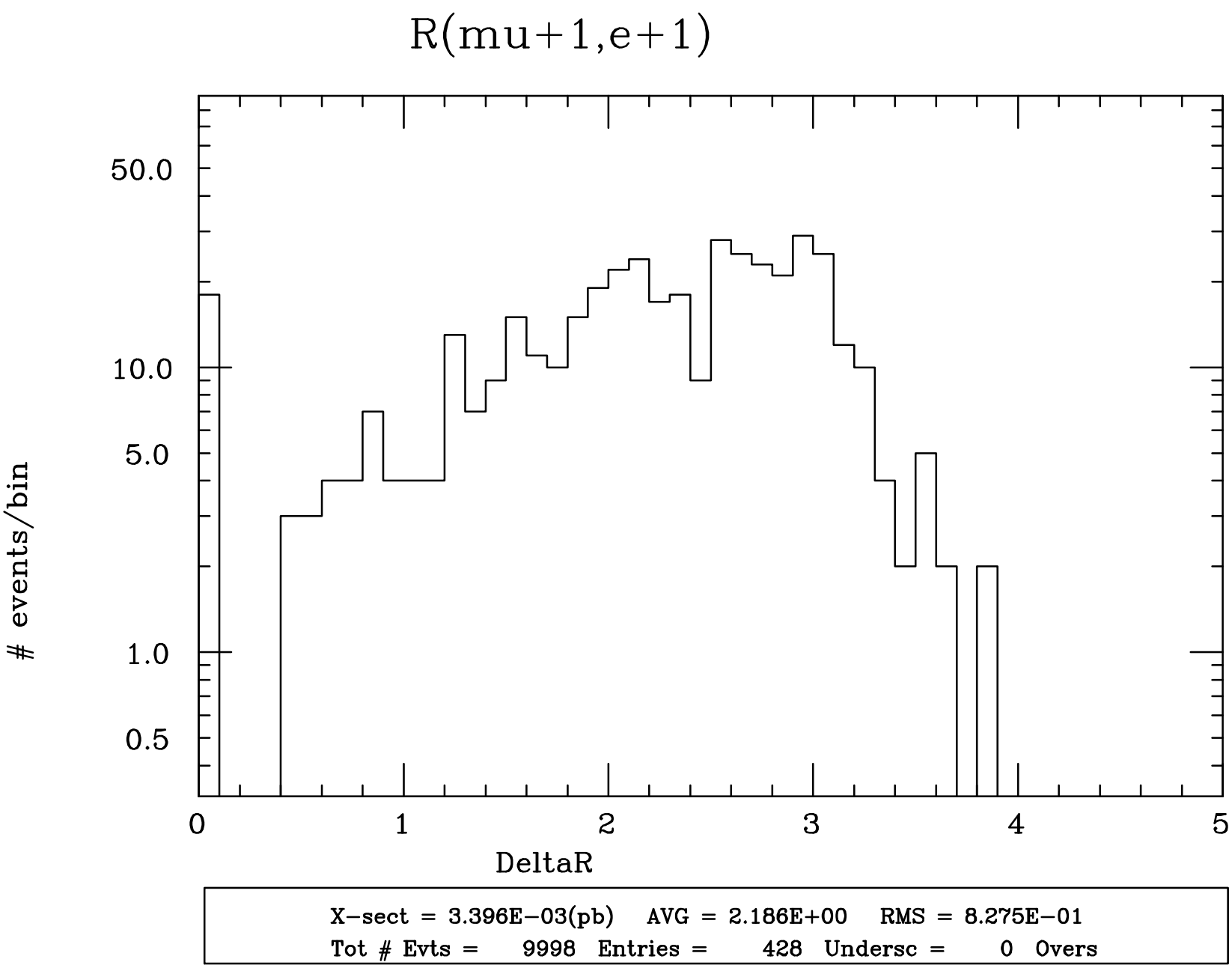

R(mu−1,mu+1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 2.237E+00 RMS = 7.263E−01
Tot # Evts = 9998 Entries = 4497 Undersc = 0 Overs

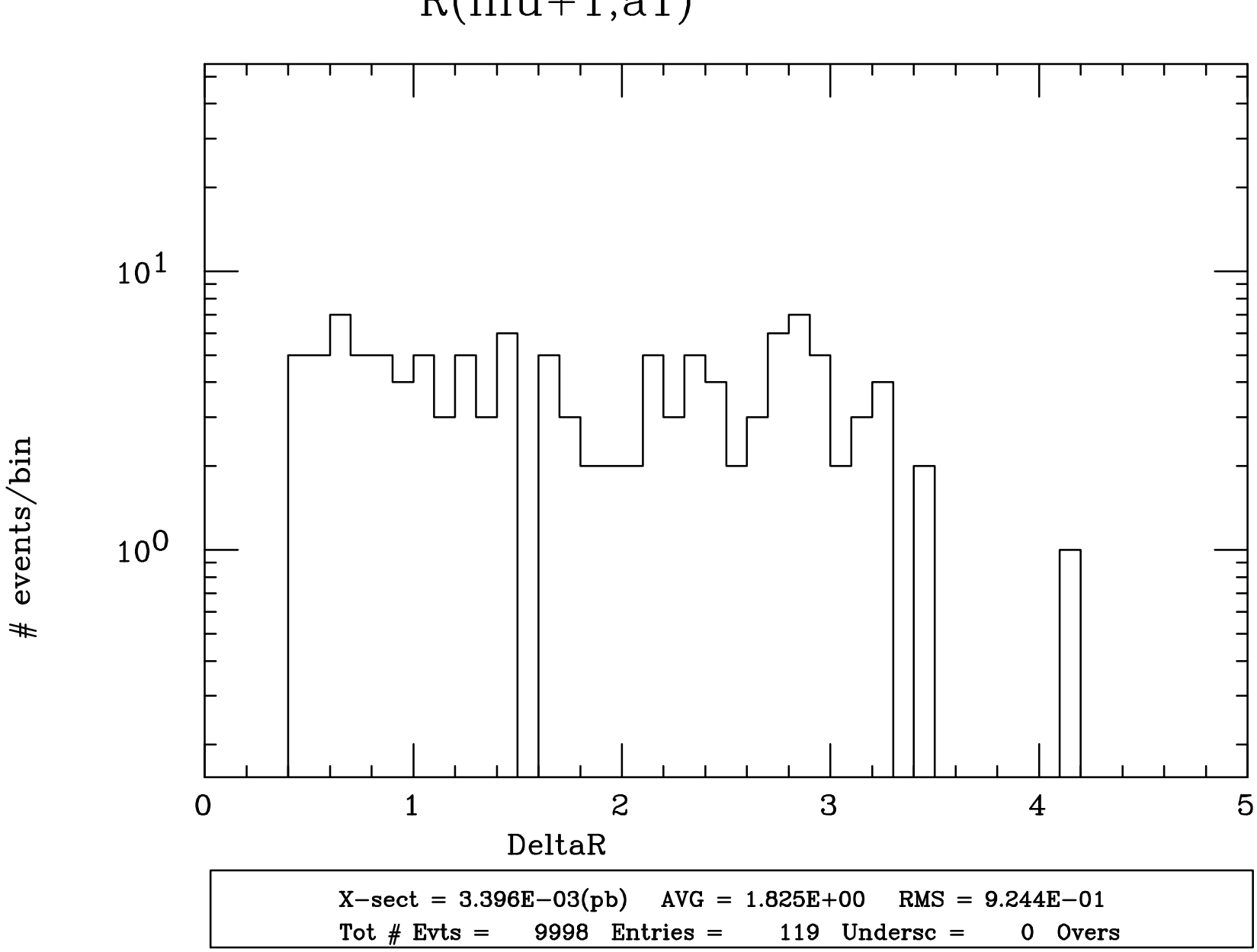

R(mu−1,e−1)
# events/bin
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 2.187E+00 RMS = 8.803E−01
Tot # Evts = 9998 Entries = 468 Undersc = 0 Overs

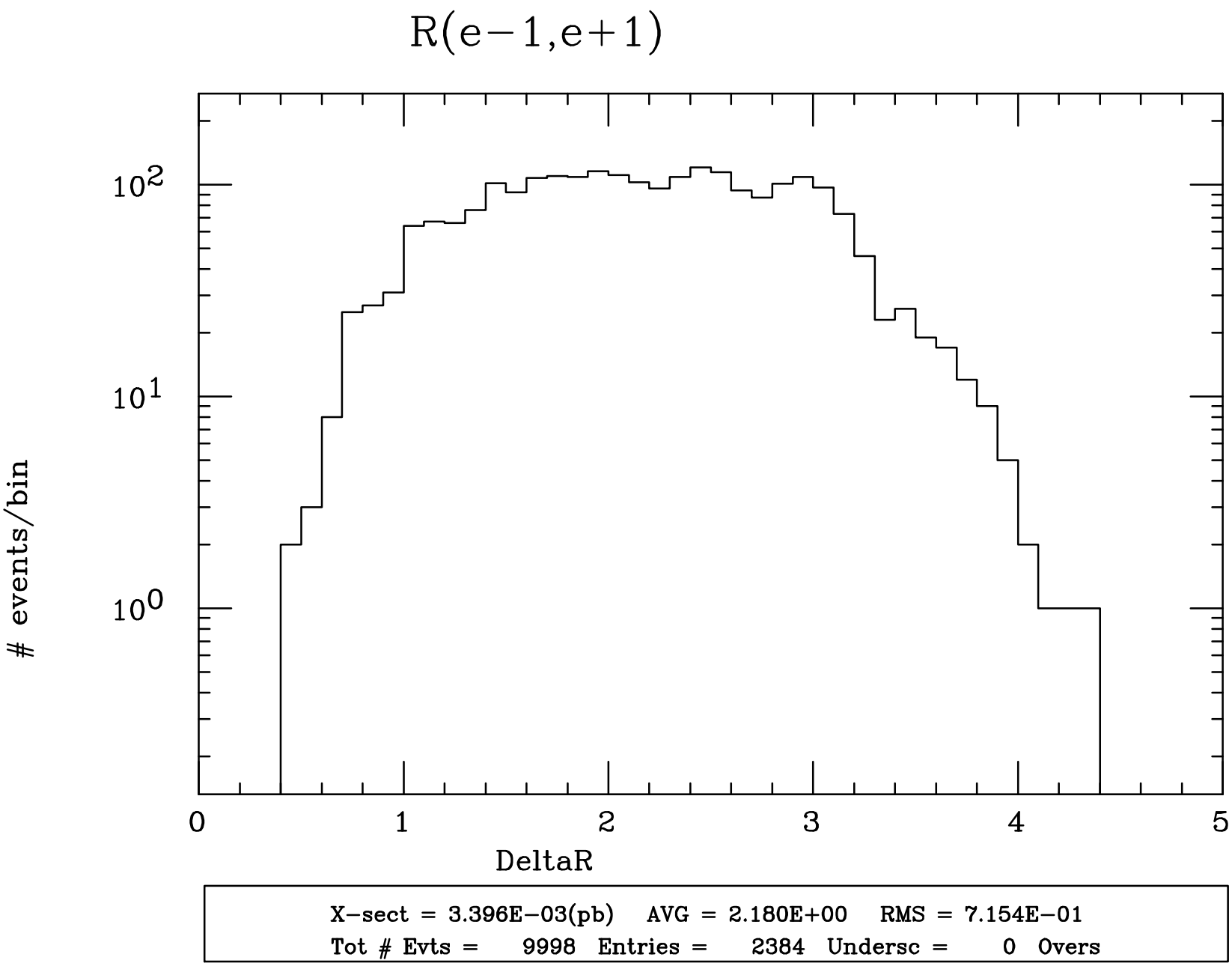

R(mu−1,e+1)
10^2
10^1
10^0
events/bin
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 2.254E+00 RMS = 8.122E−01
Tot # Evts = 9998 Entries = 472 Undersc = 0 Overs

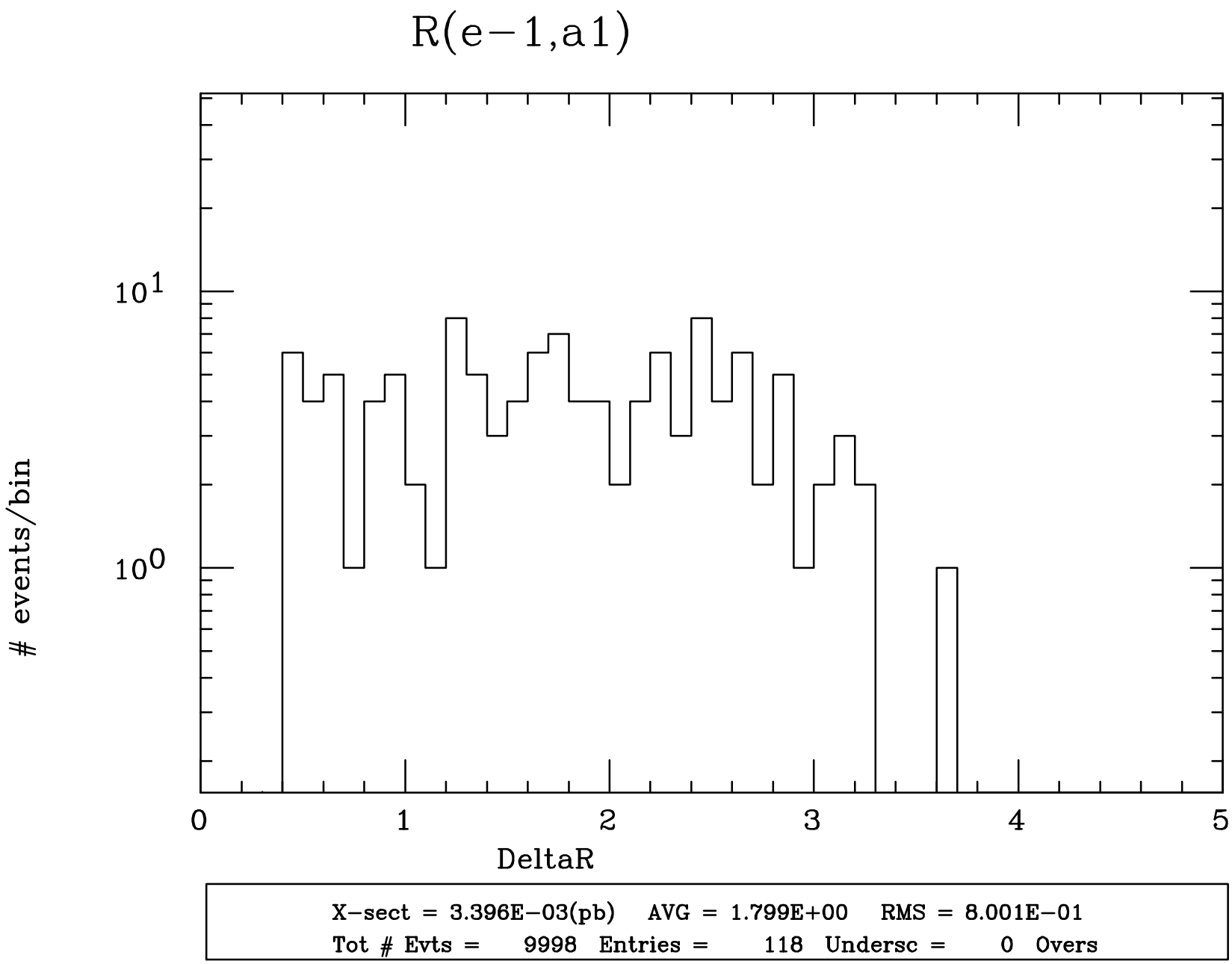

R(mu−1,a1)
# events/bin
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 1.863E+00 RMS = 8.232E−01
Tot # Evts = 9998 Entries = 127 Undersc = 0 Overs

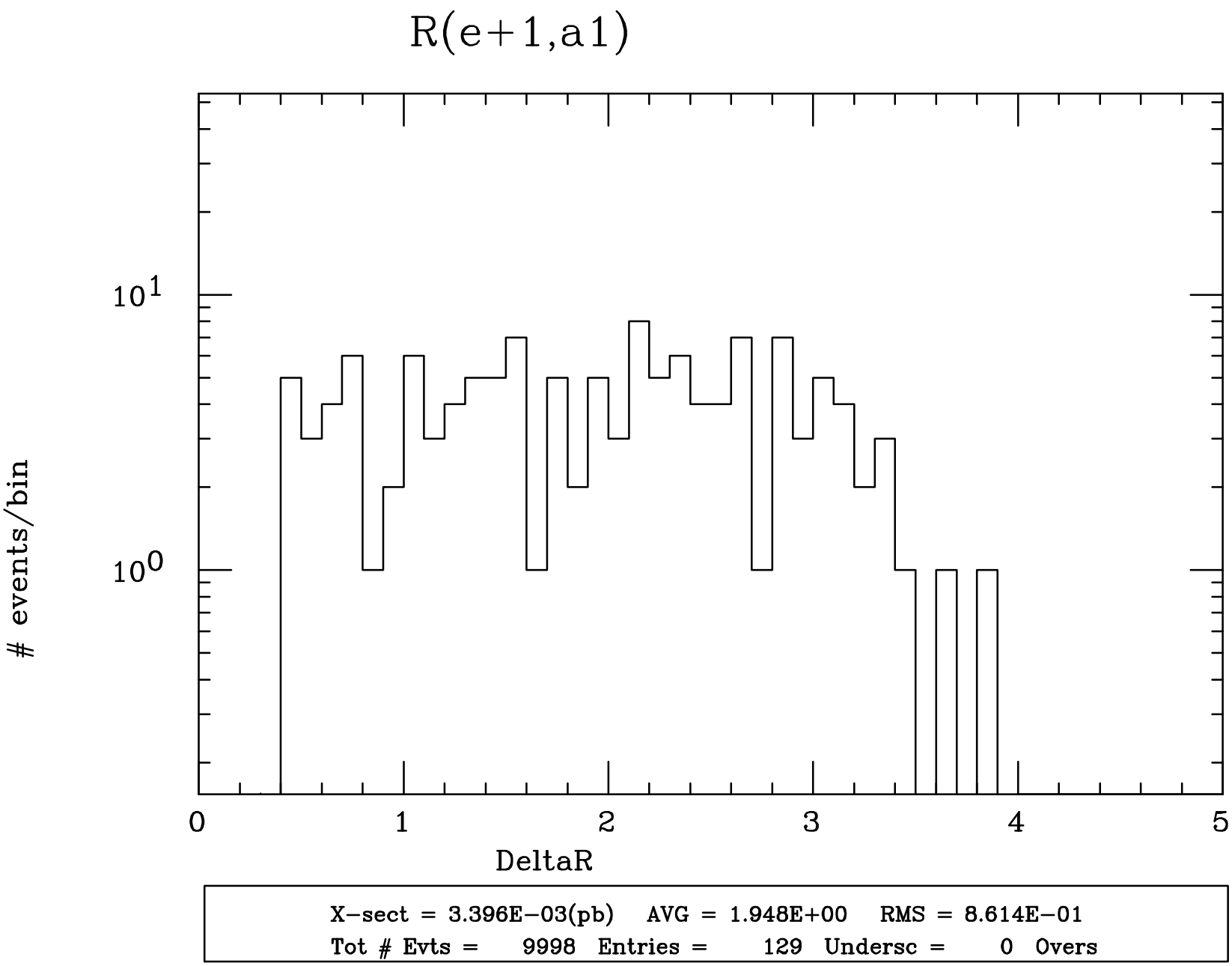

R(mu+1,e−1)
10^2
10^1
10^0
events/bin
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 2.353E+00 RMS = 7.529E−01
Tot # Evts = 9998 Entries = 408 Undersc = 0 Overs

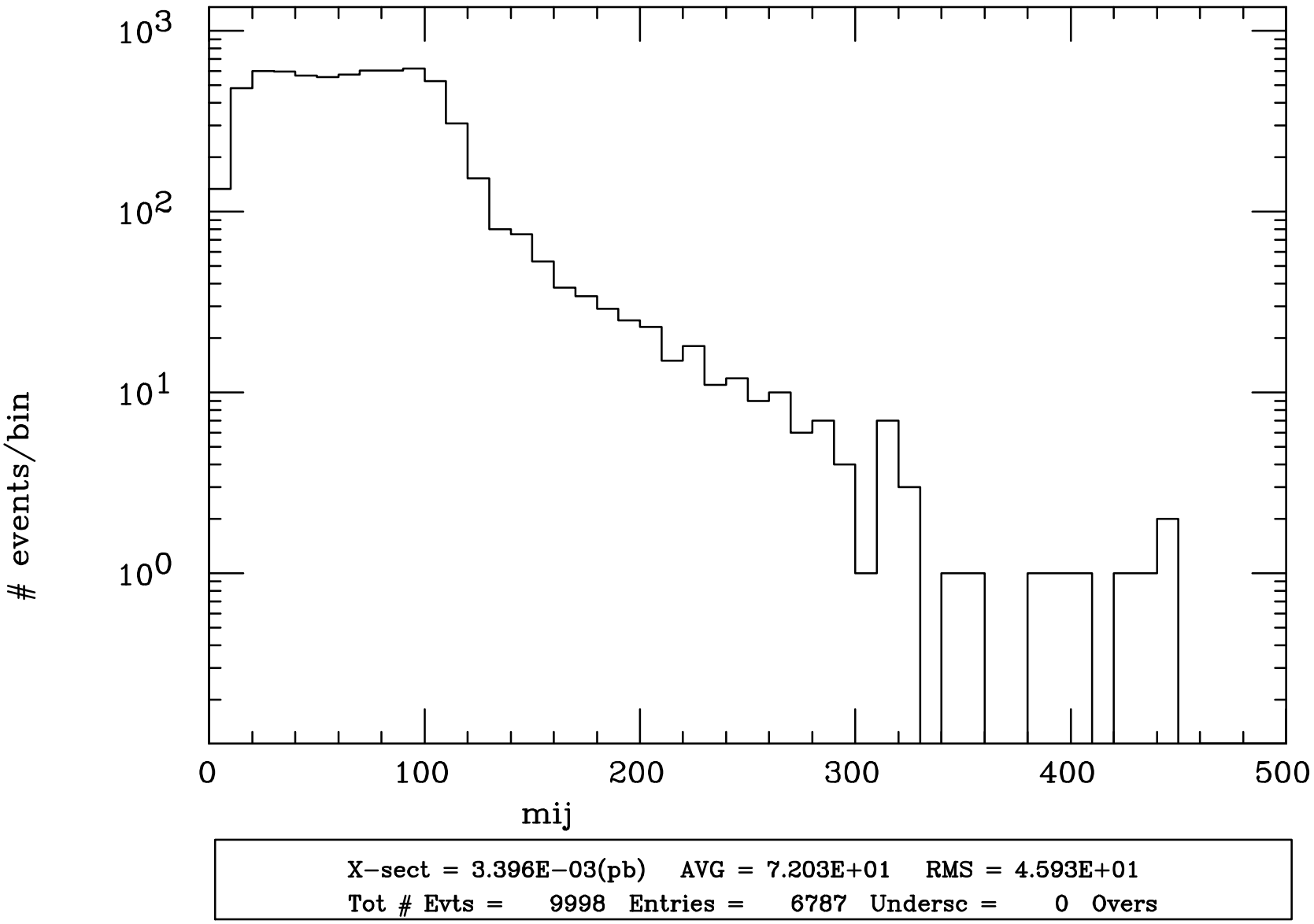

R(mu+1,e+1)
50.0
10.0
5.0
1.0
0.5
events/bin
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 2.186E+00 RMS = 8.275E-01
Tot # Evts = 9998 Entries = 428 Undersc = 0 Overs

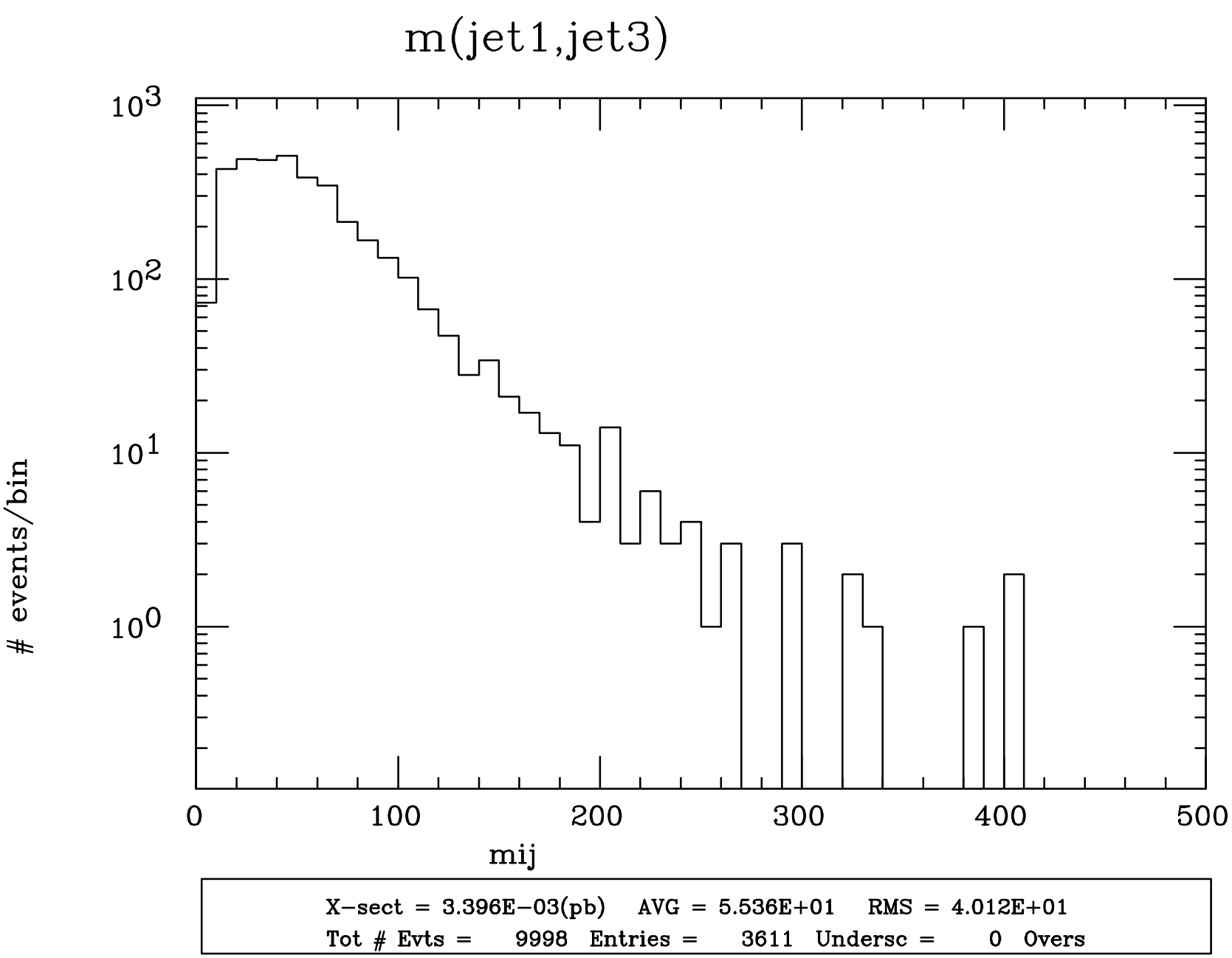

R(mu+1,a1)
# events/bin
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 1.825E+00 RMS = 9.244E-01
Tot # Evts = 9998 Entries = 119 Undersc = 0 Overs

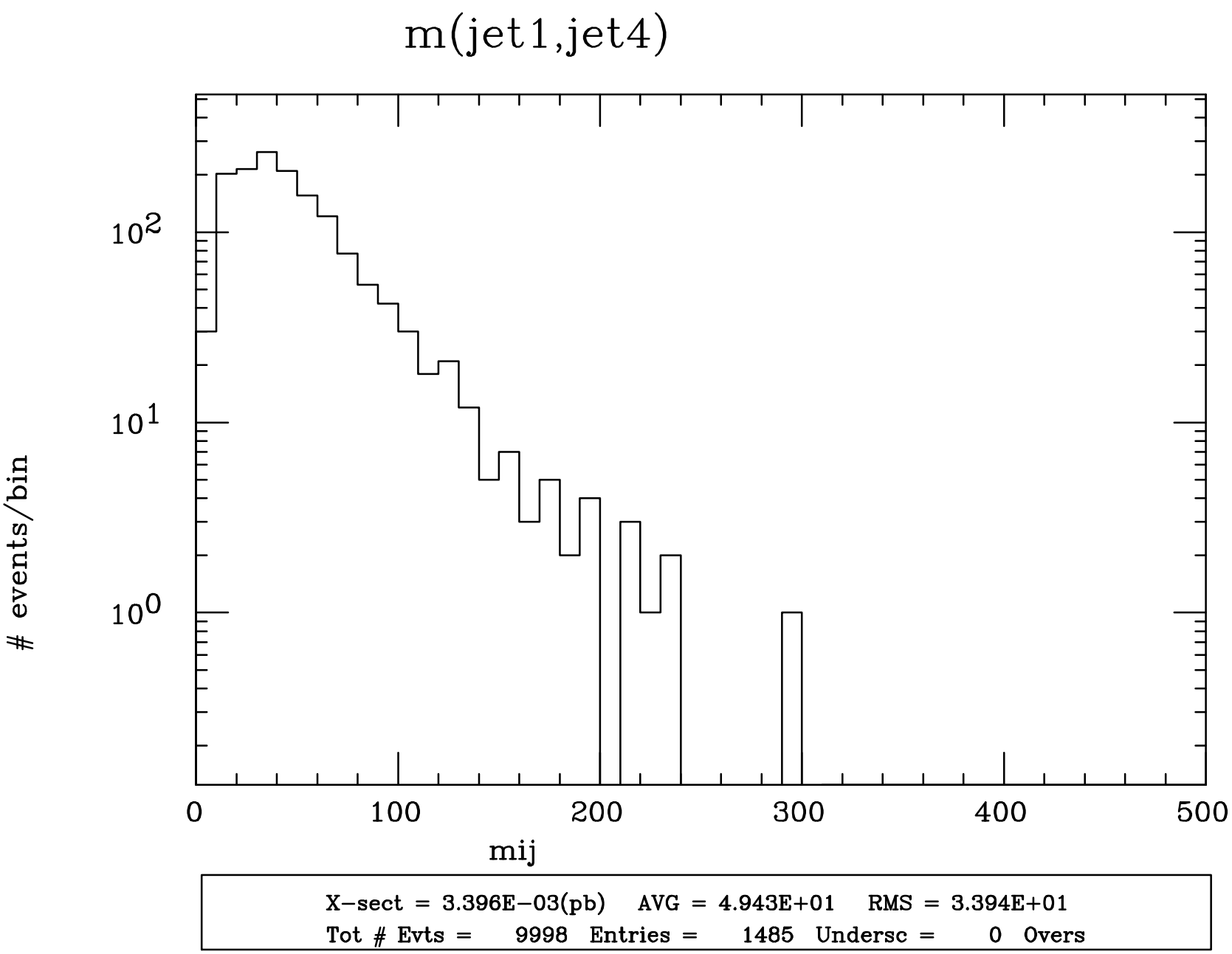

R(e−1,e+1)
10^2
10^1
10^0
events/bin
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 2.180E+00 RMS = 7.154E−01
Tot # Evts = 9998 Entries = 2384 Undersc = 0 Overs

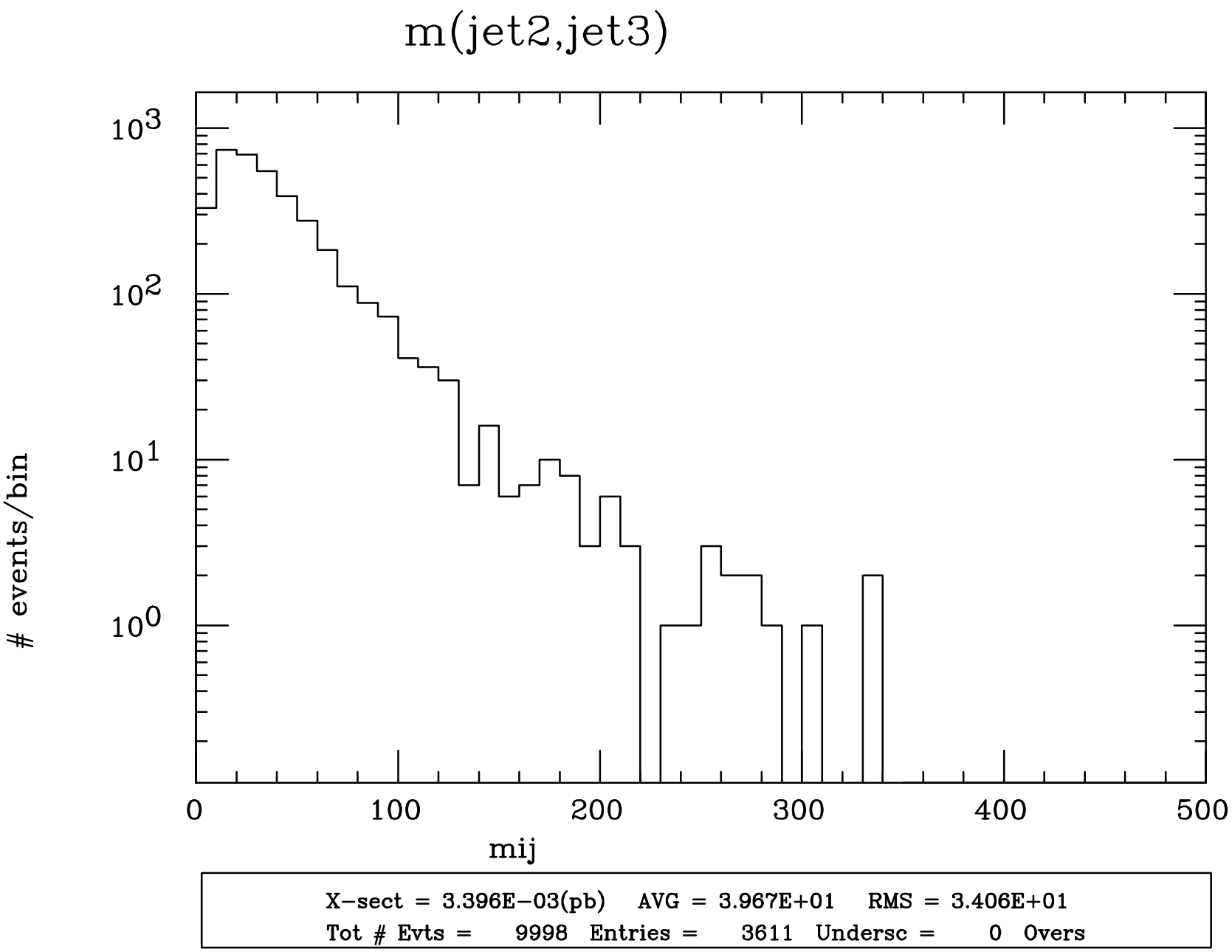

R(e−1,a1)
# events/bin
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 3.396E−03(pb) AVG = 1.799E+00 RMS = 8.001E−01
Tot # Evts = 9998 Entries = 118 Undersc = 0 Overs

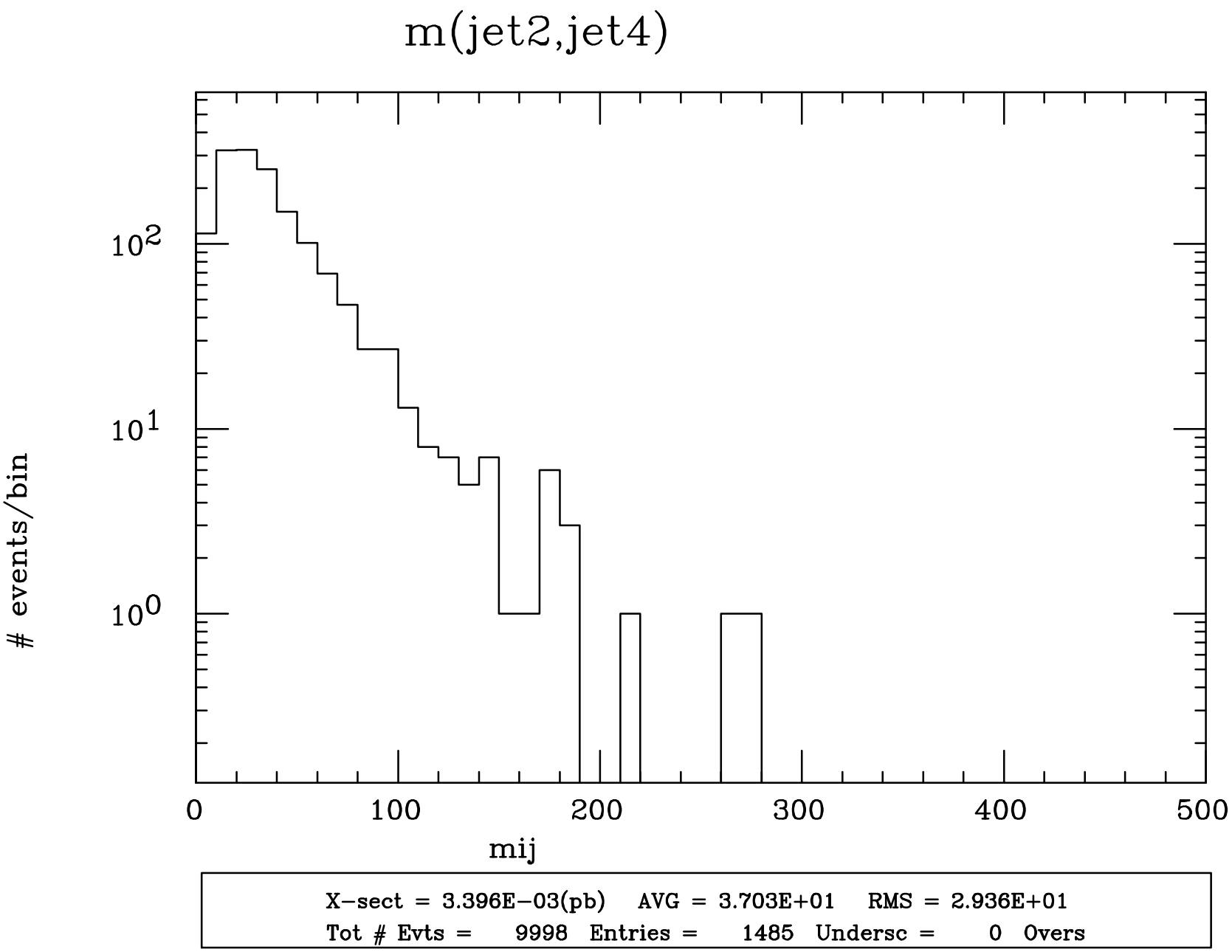

R(e+1,a1)
# events/bin
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 3.396E-03(pb) AVG = 1.948E+00 RMS = 8.614E-01
Tot # Evts = 9998 Entries = 129 Undersc = 0 Overs

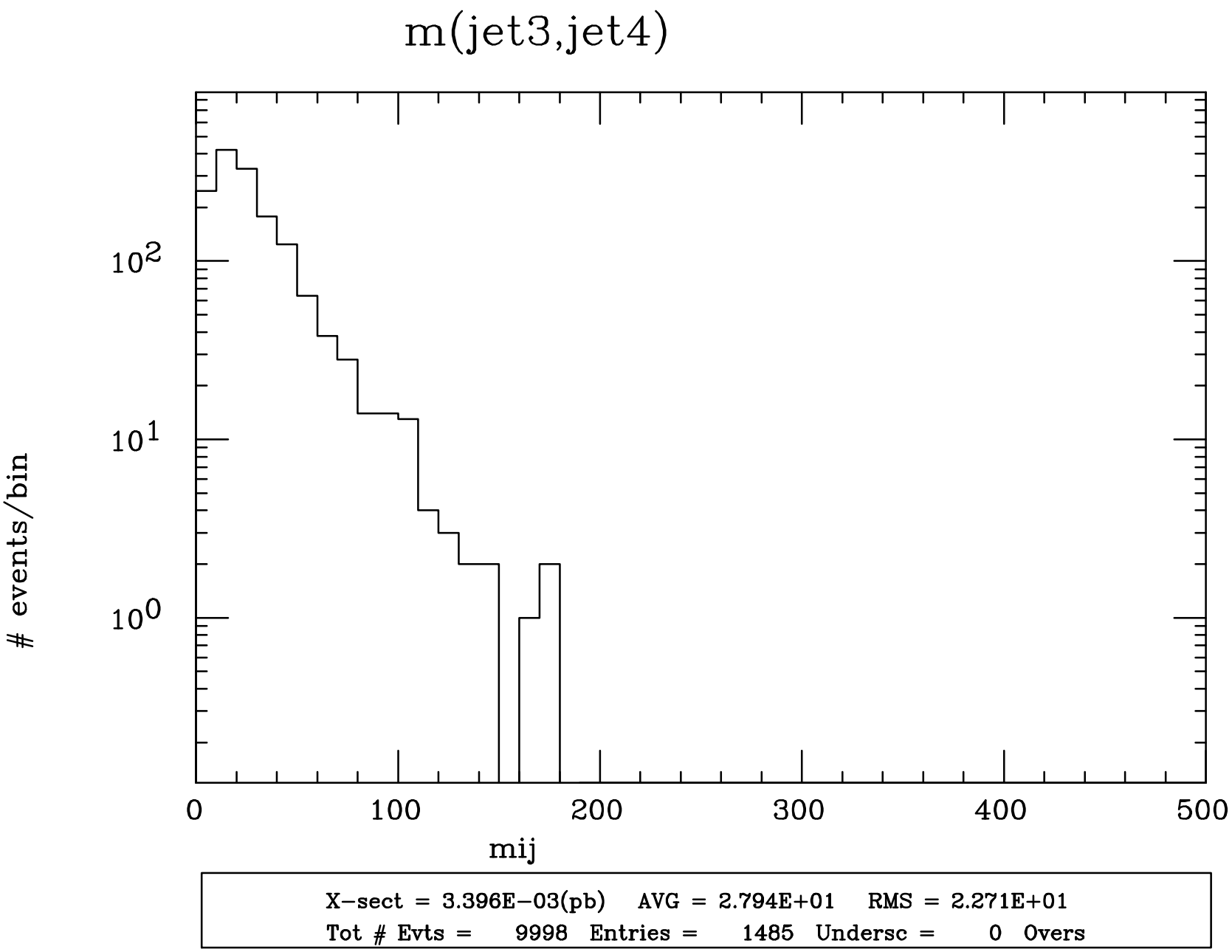

m(jet1,jet2)
# events/bin
10^3
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 7.203E+01 RMS = 4.593E+01
Tot # Evts = 9998 Entries = 6787 Undersc = 0 Overs

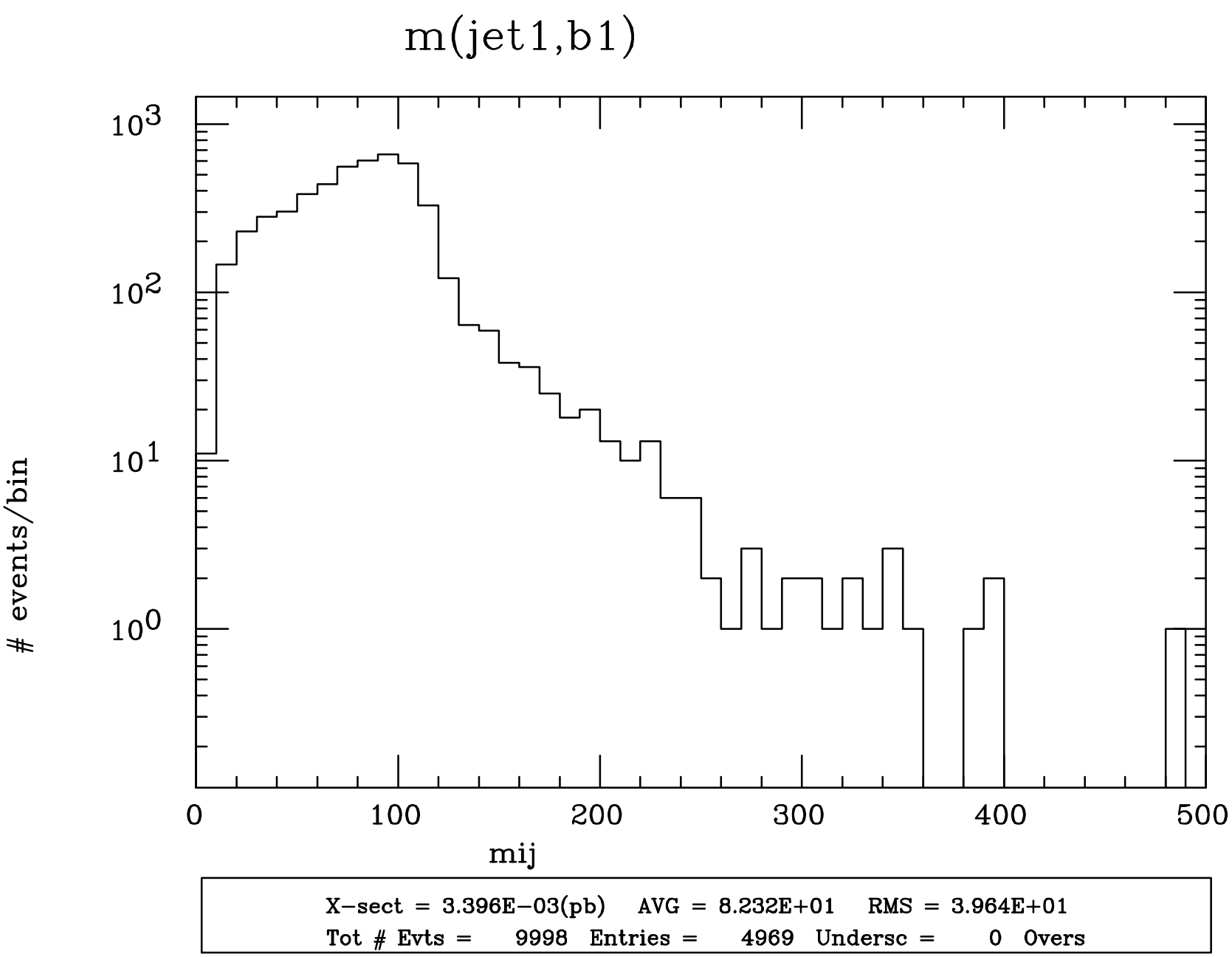

m(jet1,jet3)
# events/bin
10^3
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 5.536E+01 RMS = 4.012E+01
Tot # Evts = 9998 Entries = 3611 Undersc = 0 Overs

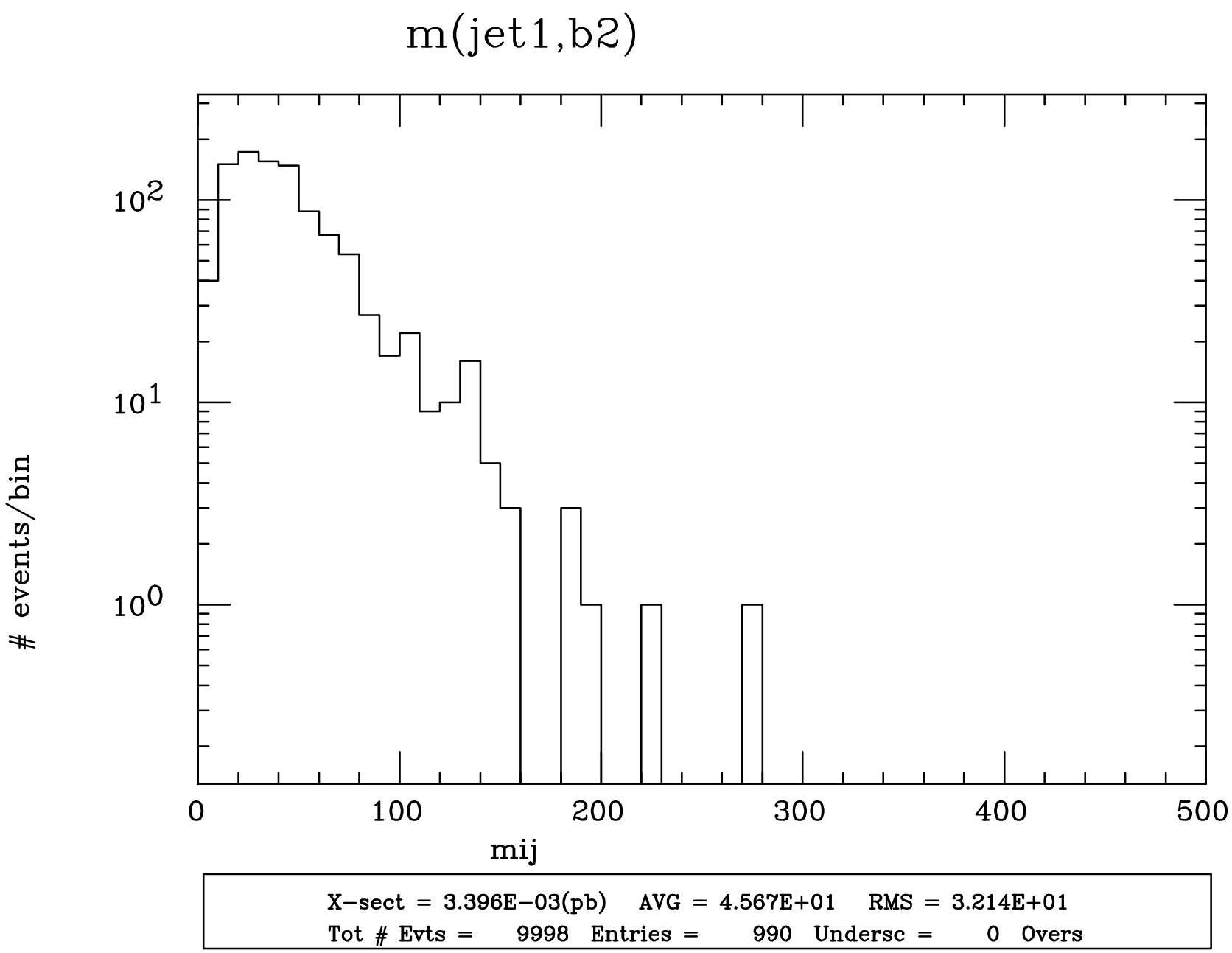

m(jet1,jet4)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 4.943E+01 RMS = 3.394E+01
Tot # Evts = 9998 Entries = 1485 Undersc = 0 Overs

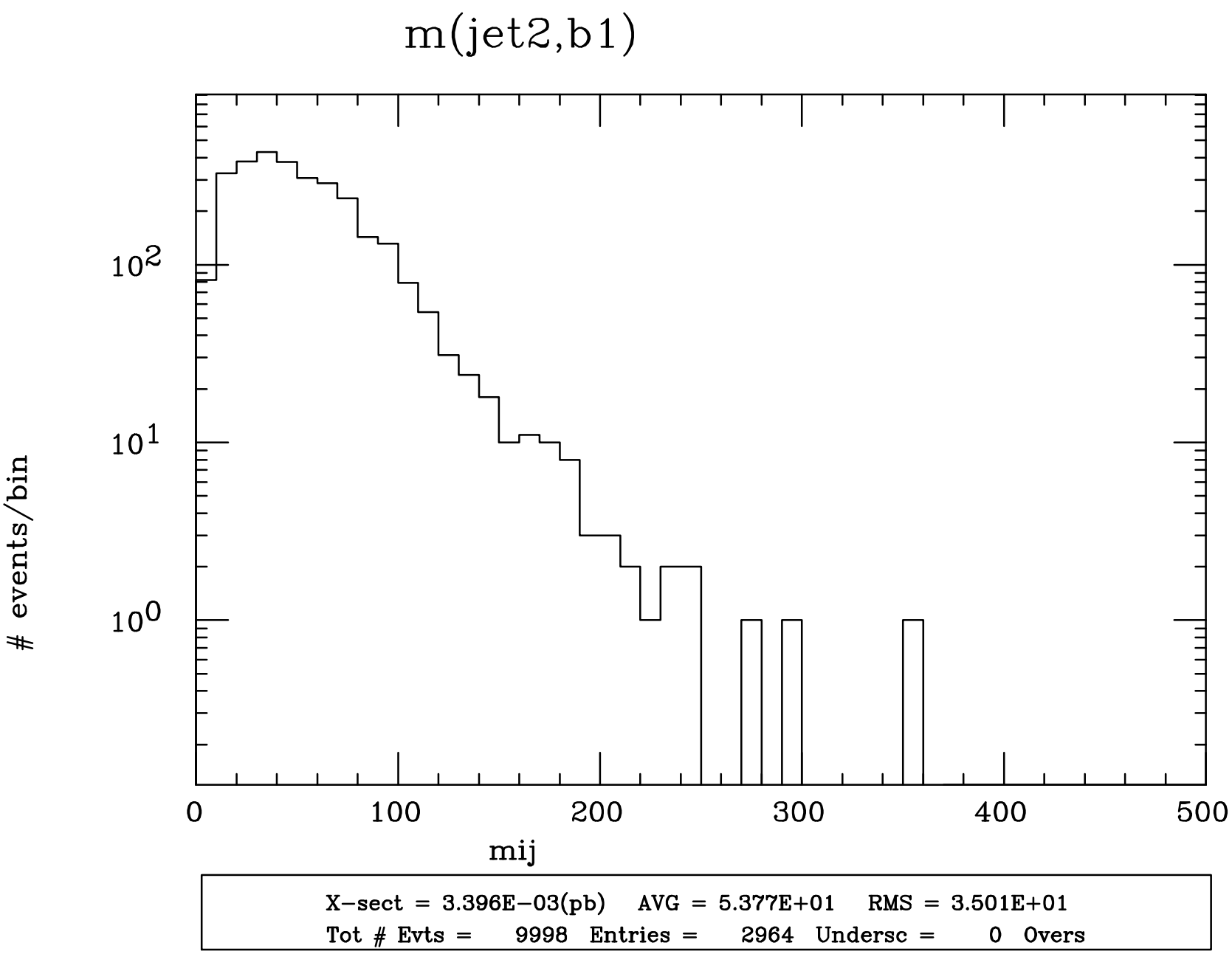

m(jet2,jet3)
# events/bin
10^3
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 3.967E+01 RMS = 3.406E+01
Tot # Evts = 9998 Entries = 3611 Undersc = 0 Overs

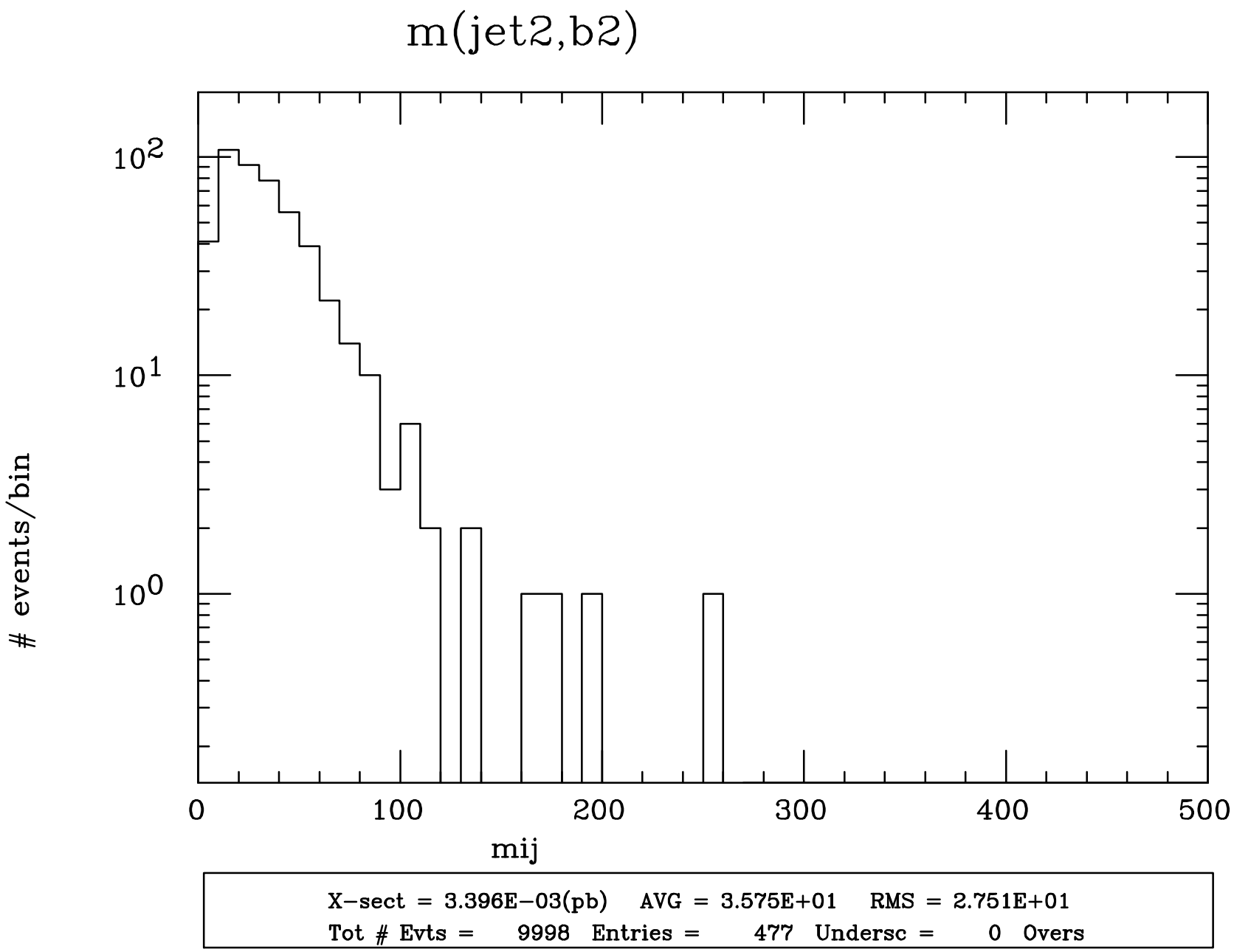

m(jet2,jet4)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 3.703E+01 RMS = 2.936E+01
Tot # Evts = 9998 Entries = 1485 Undersc = 0 Overs

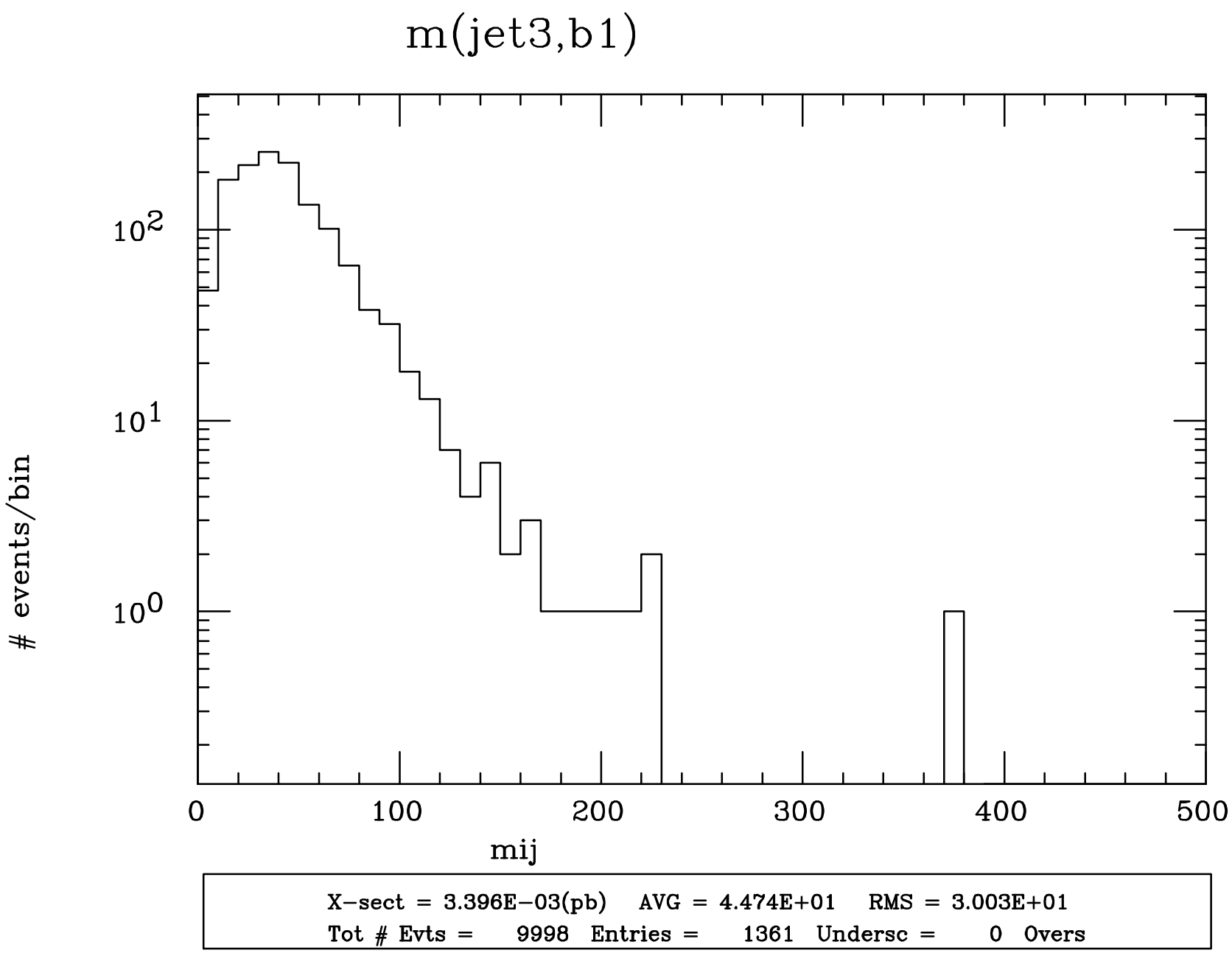

m(jet3,jet4)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 2.794E+01 RMS = 2.271E+01
Tot # Evts = 9998 Entries = 1485 Undersc = 0 Overs

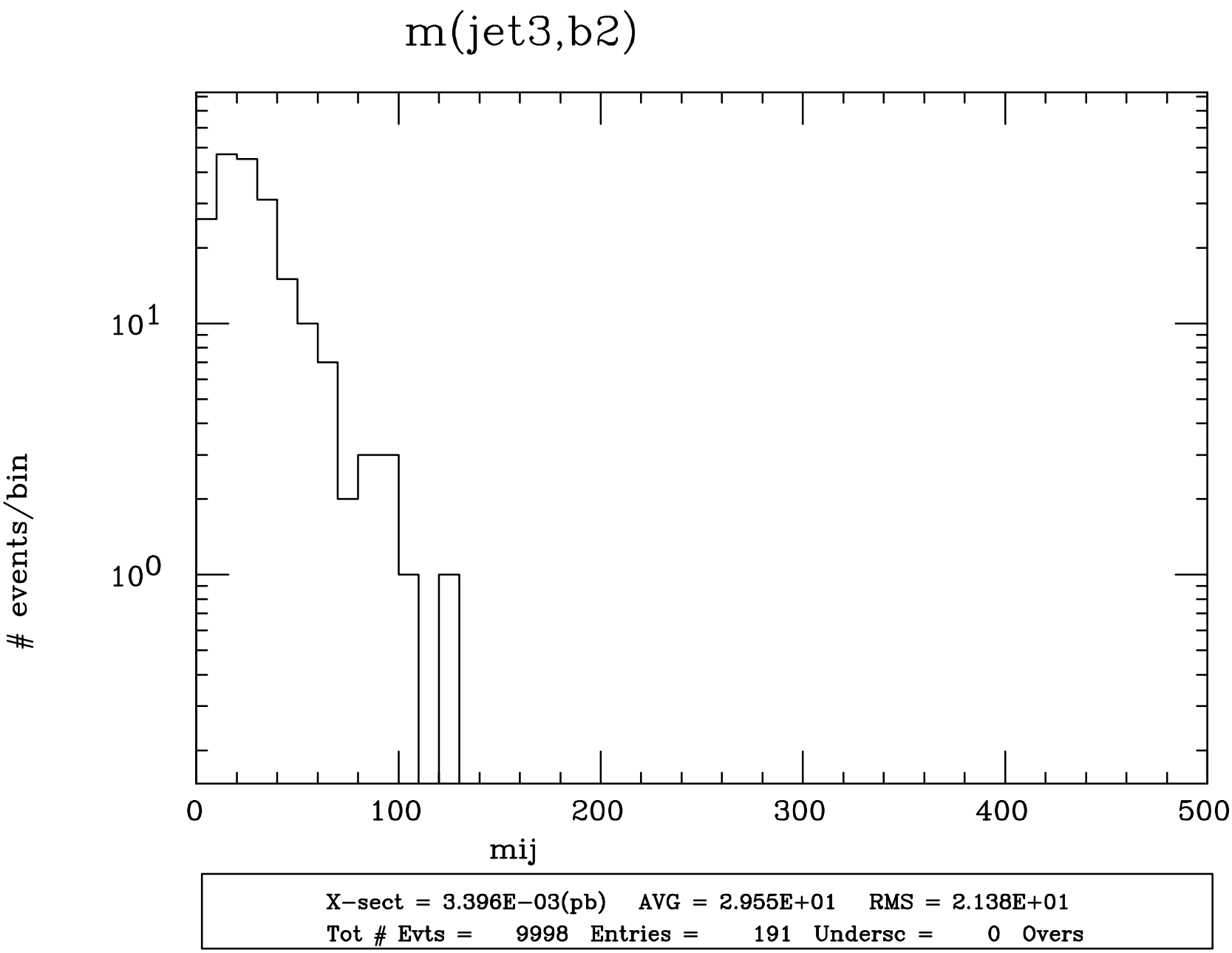

m(jet1,b1)
# events/bin
10^3
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 8.232E+01 RMS = 3.964E+01
Tot # Evts = 9998 Entries = 4969 Undersc = 0 Overs

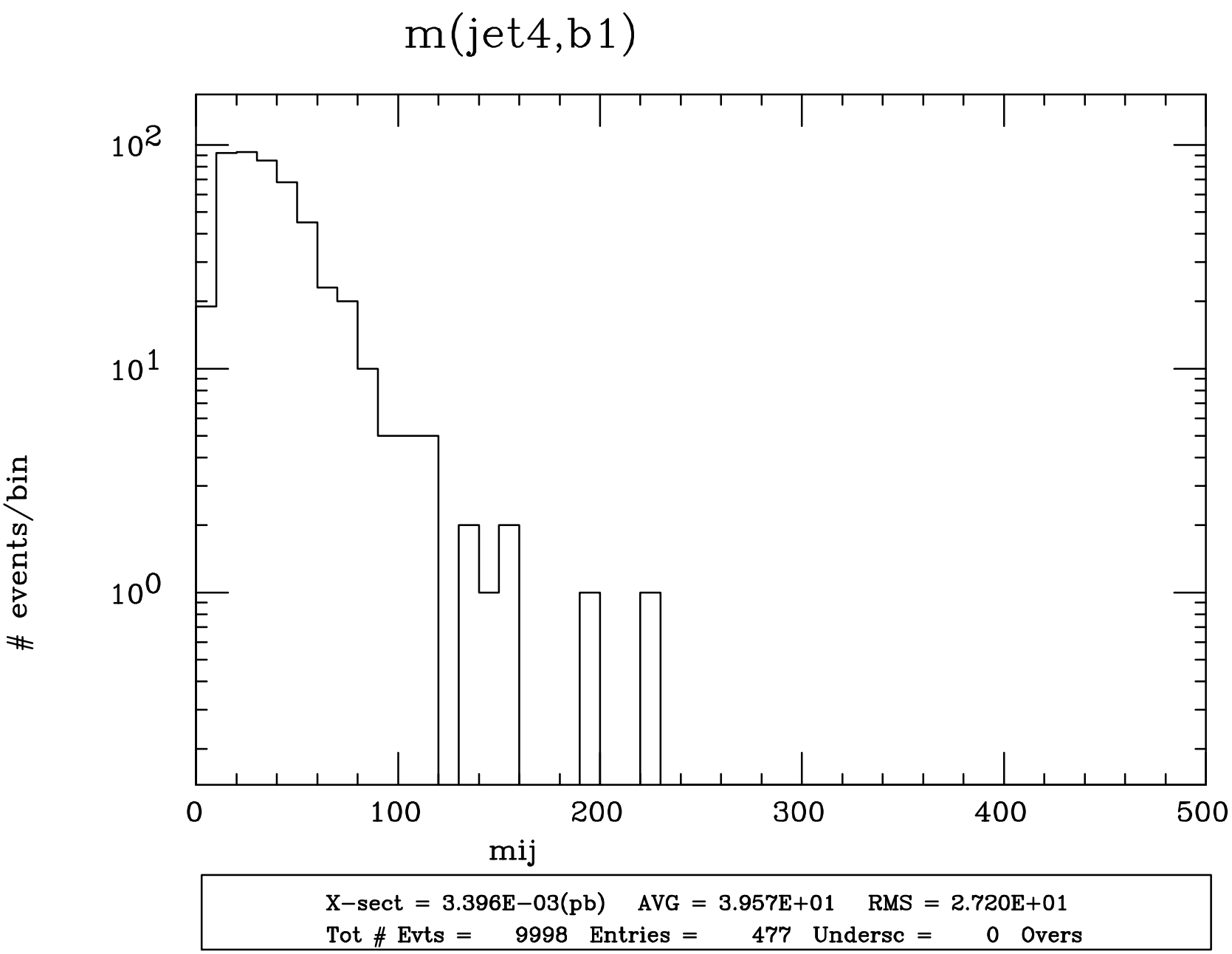

m(jet1,b2)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 4.567E+01 RMS = 3.214E+01
Tot # Evts = 9998 Entries = 990 Undersc = 0 Overs

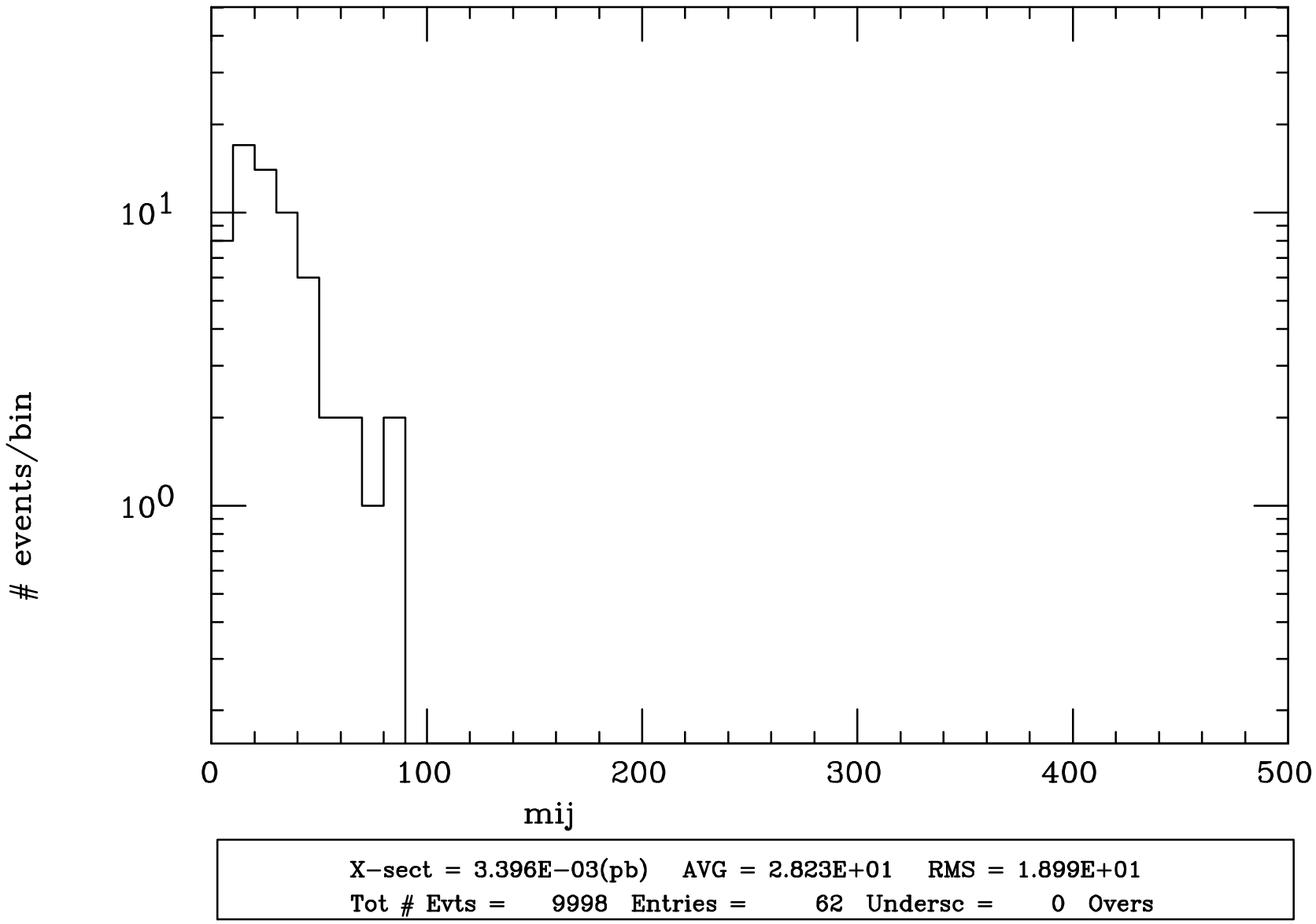

m(jet2,b1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 5.377E+01 RMS = 3.501E+01
Tot # Evts = 9998 Entries = 2964 Undersc = 0 Overs

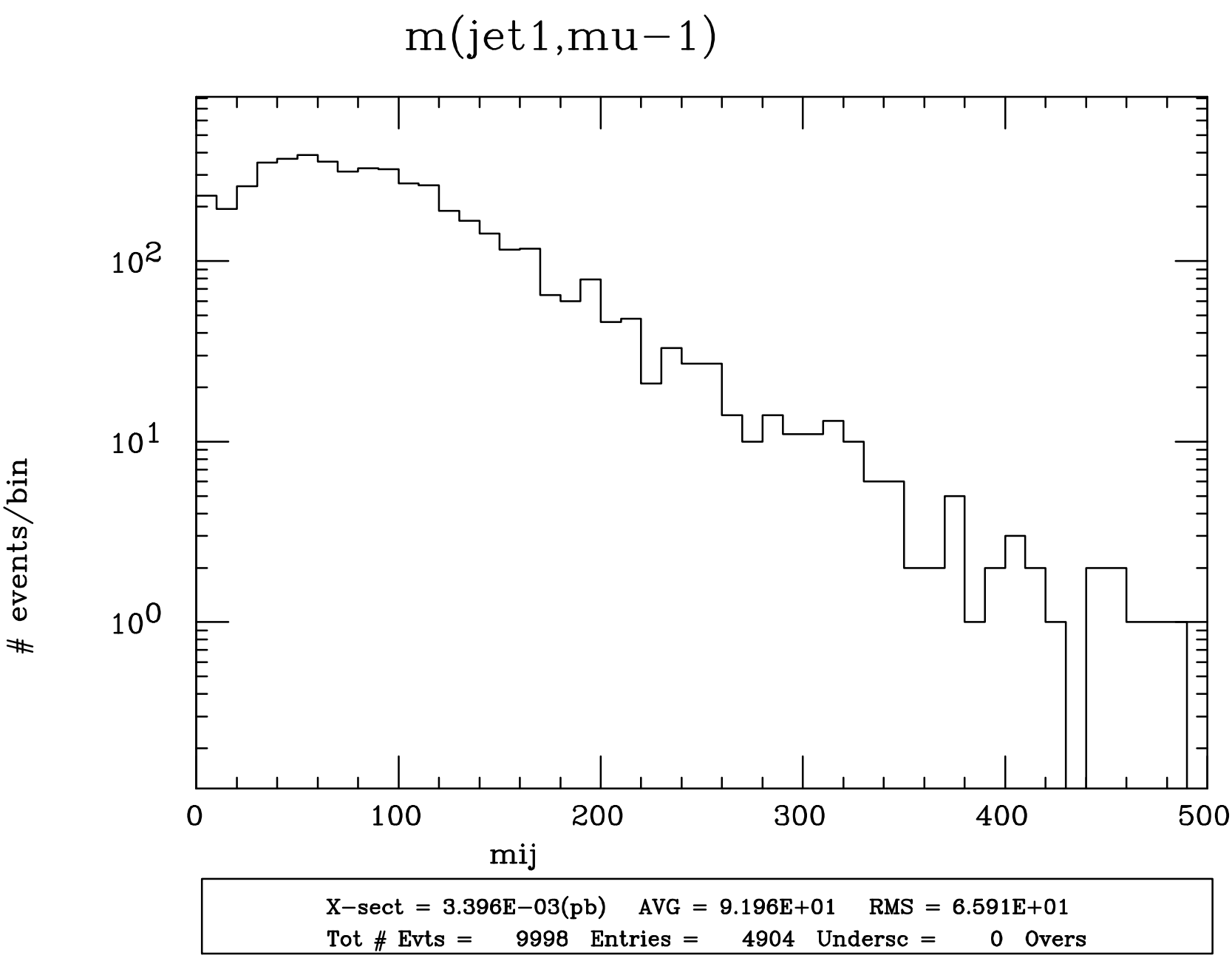

m(jet2,b2)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 3.575E+01 RMS = 2.751E+01
Tot # Evts = 9998 Entries = 477 Undersc = 0 Overs

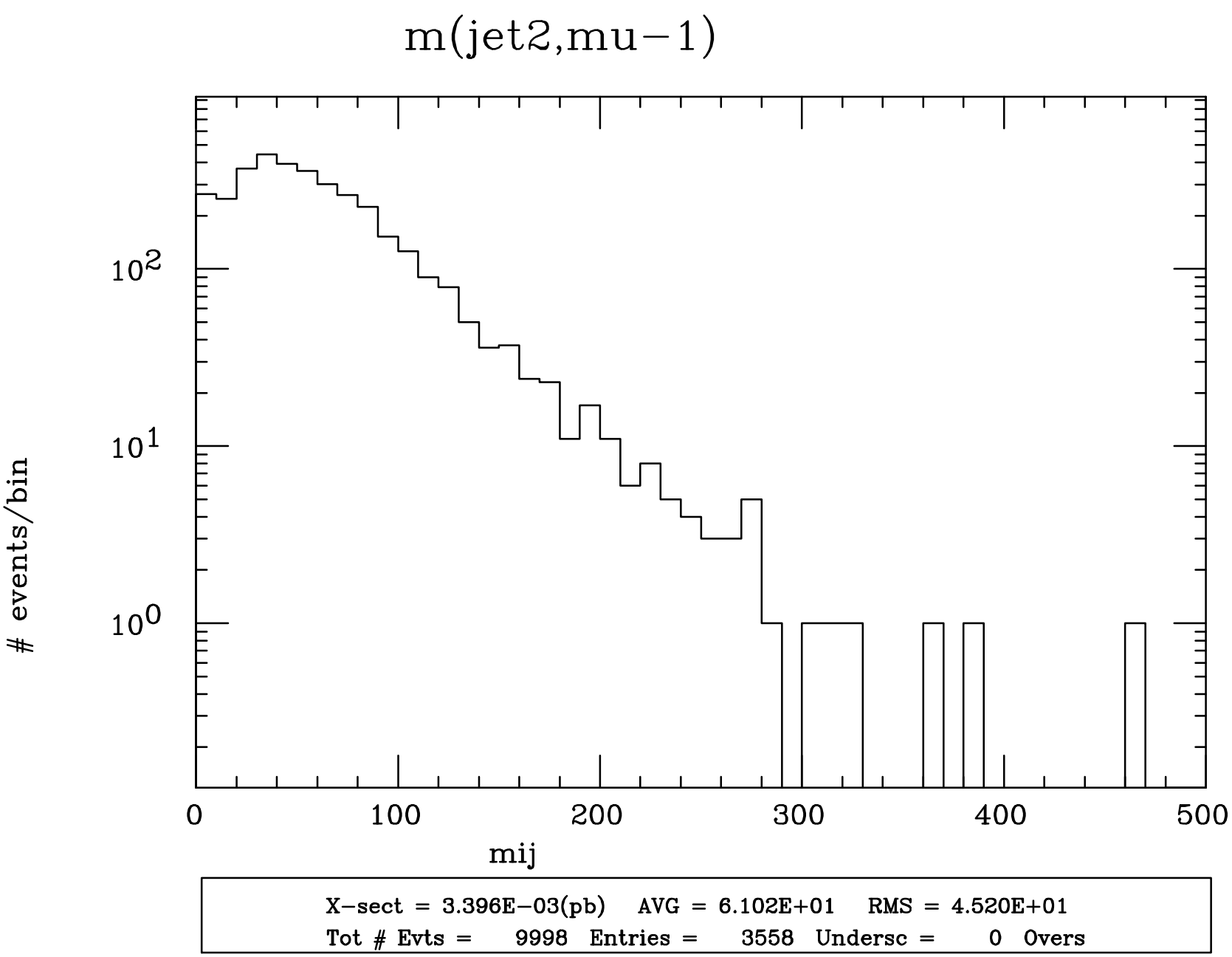

m(jet3,b1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 4.474E+01 RMS = 3.003E+01
Tot # Evts = 9998 Entries = 1361 Undersc = 0 Overs

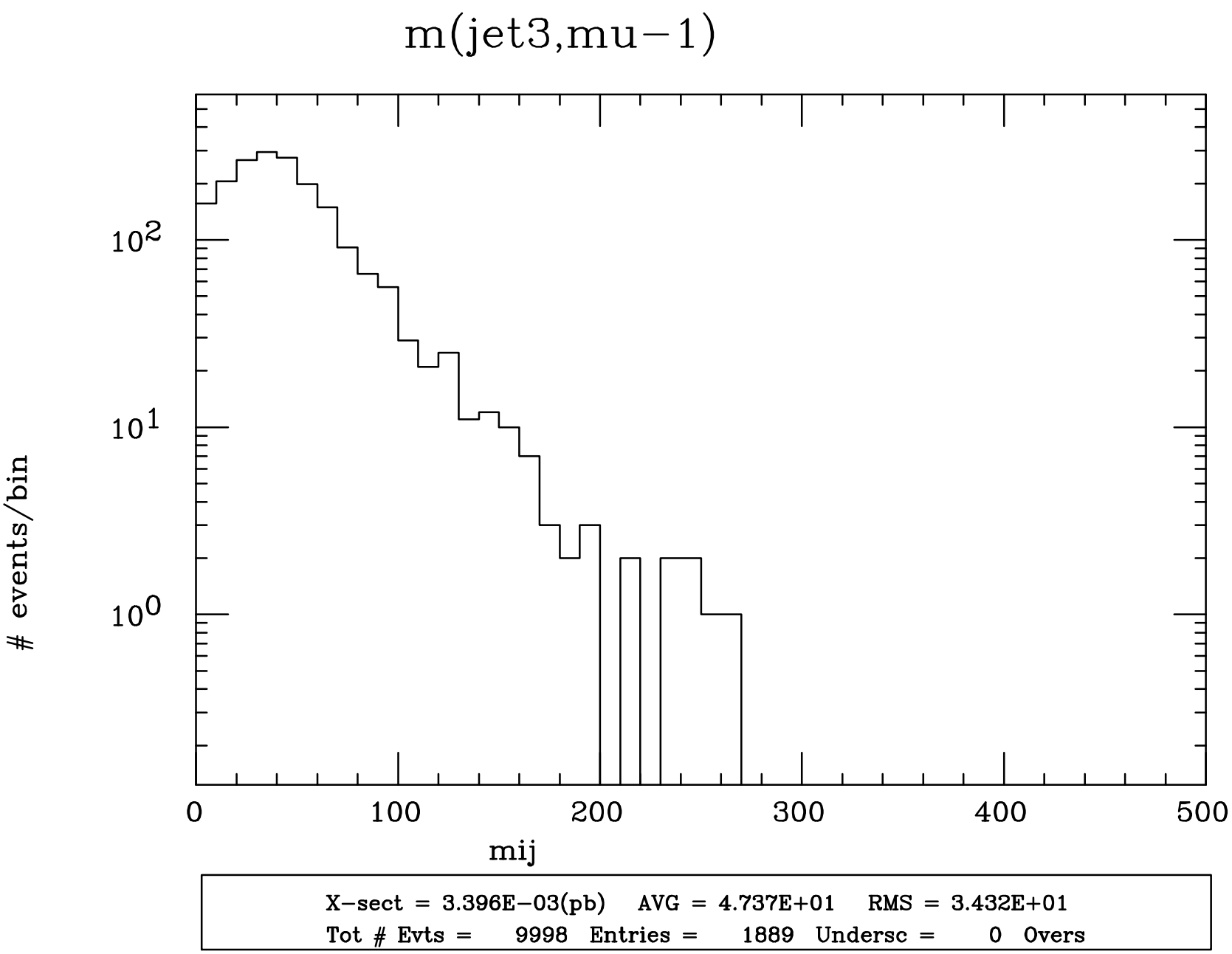

m(jet3,b2)
# events/bin
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 2.955E+01 RMS = 2.138E+01
Tot # Evts = 9998 Entries = 191 Undersc = 0 Overs

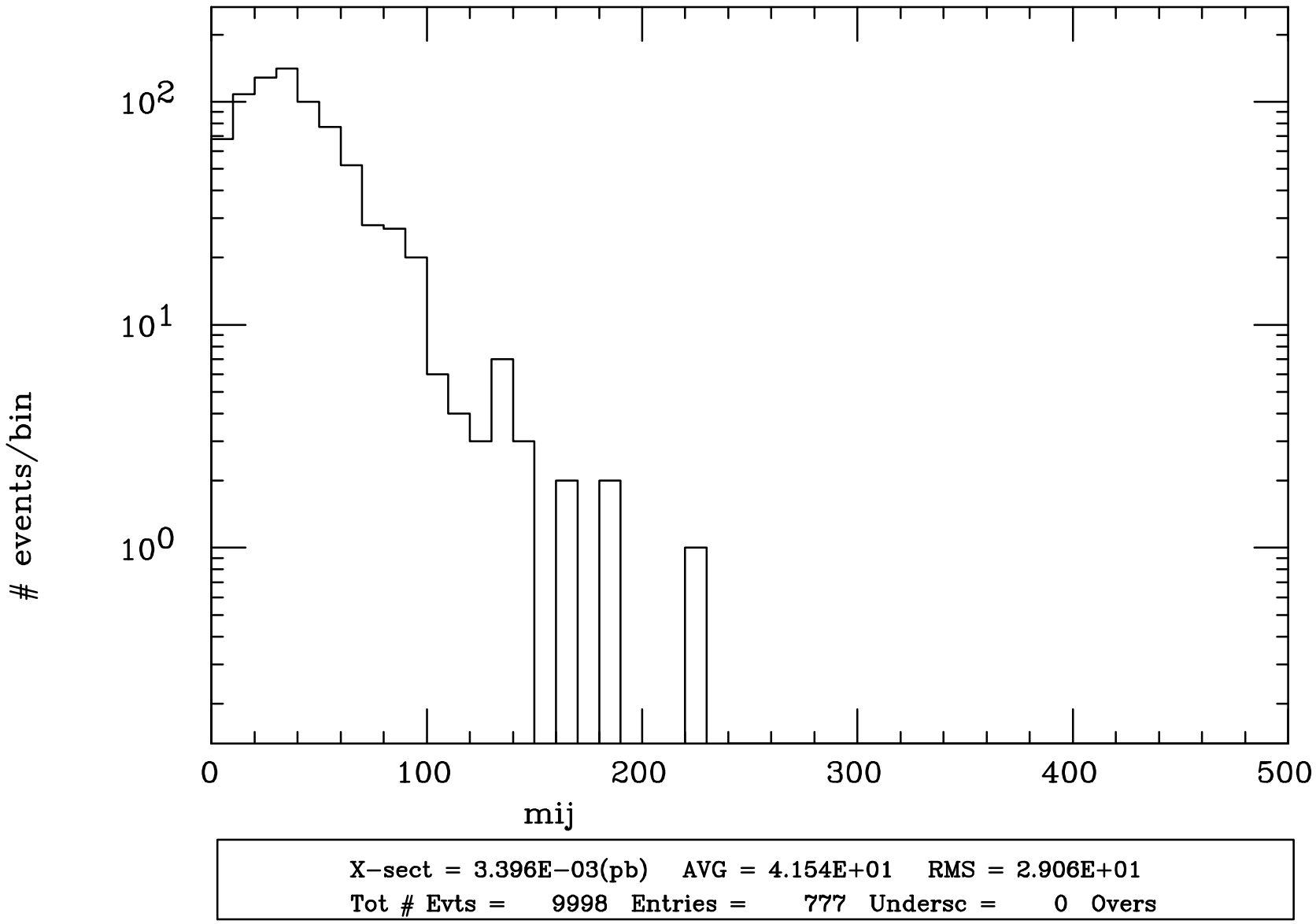

m(jet4,b1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 3.957E+01 RMS = 2.720E+01
Tot # Evts = 9998 Entries = 477 Undersc = 0 Overs

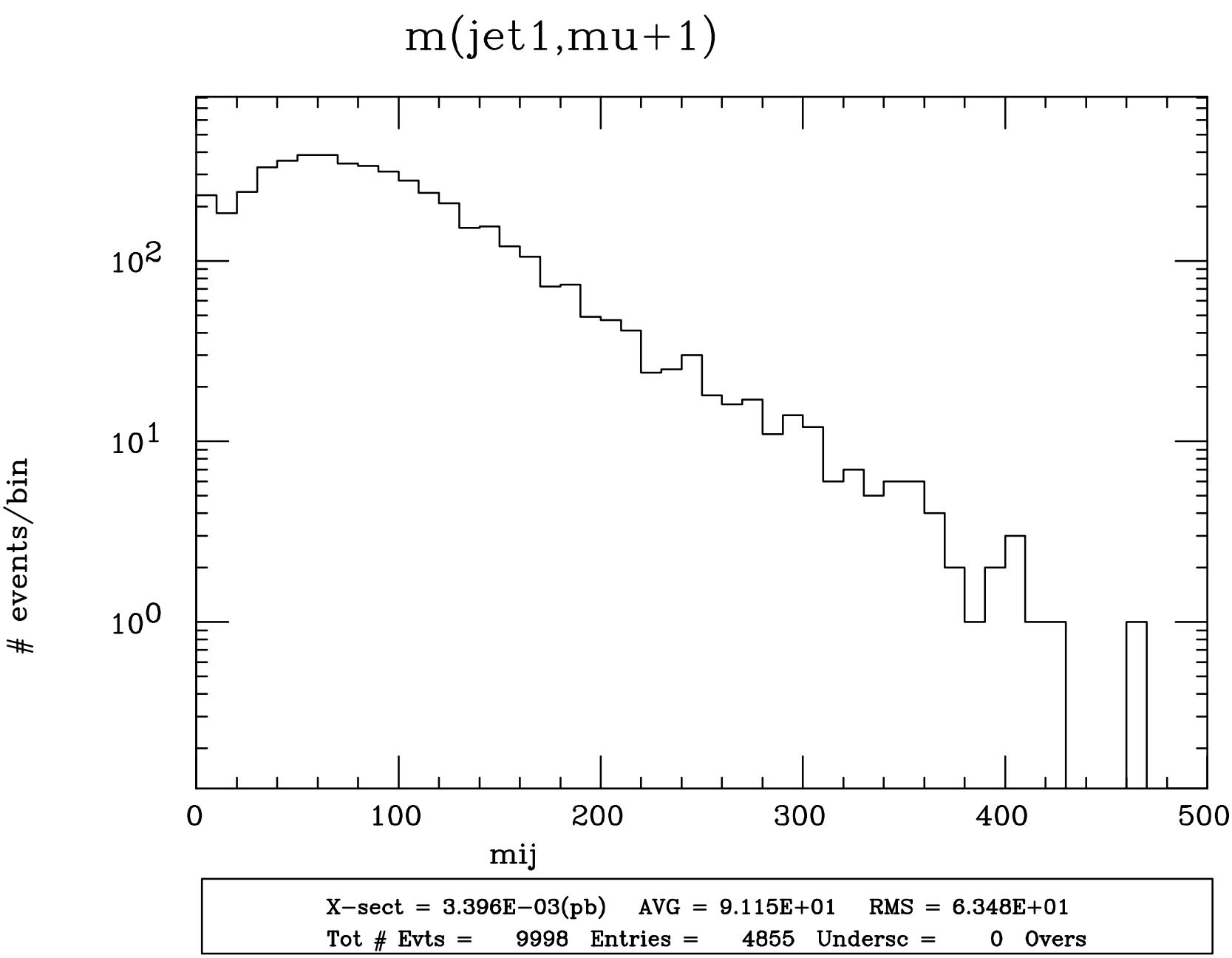

m(jet4,b2)
# events/bin
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 2.823E+01 RMS = 1.899E+01
Tot # Evts = 9998 Entries = 62 Undersc = 0 Overs

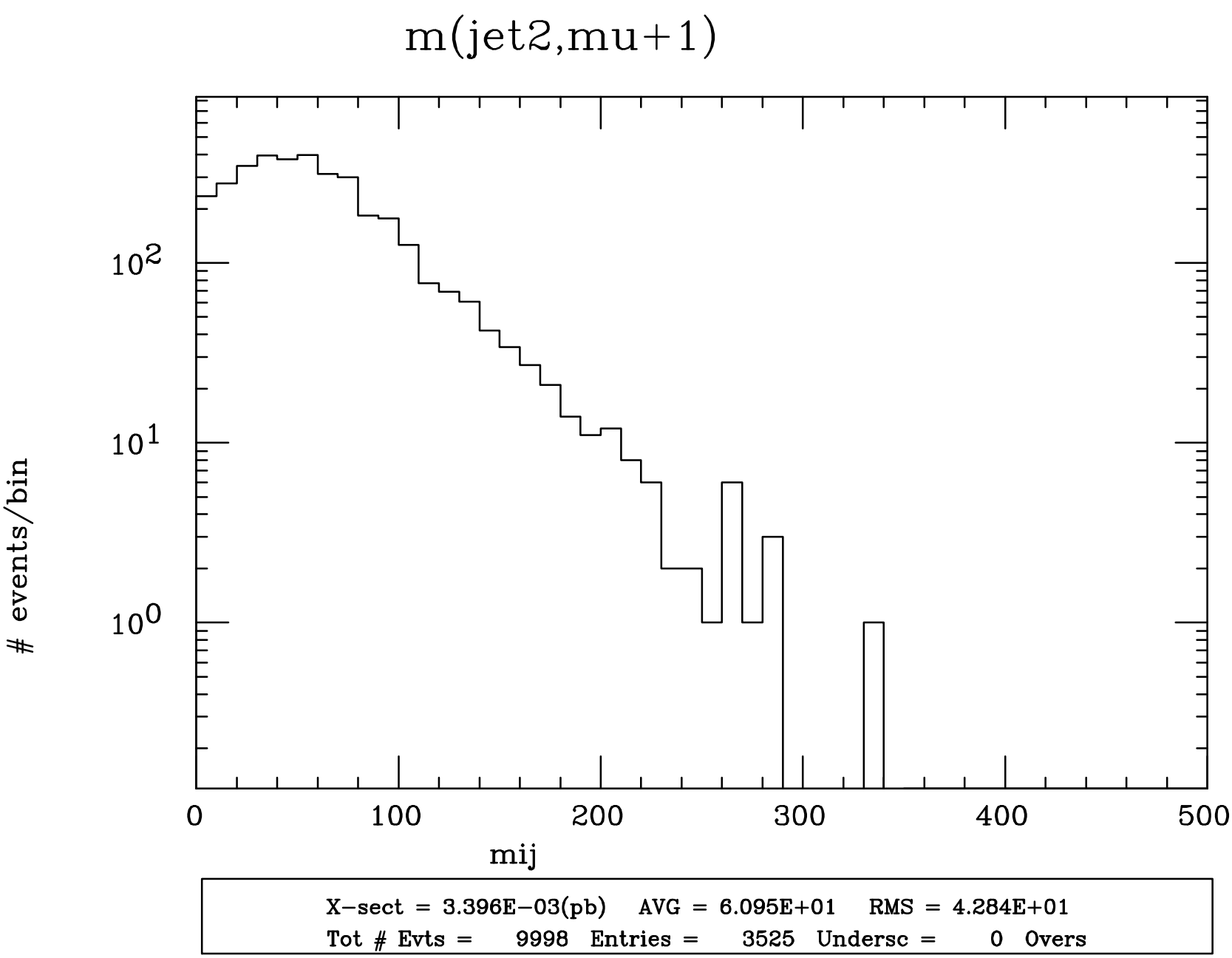

m(jet1,mu−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 9.196E+01 RMS = 6.591E+01
Tot # Evts = 9998 Entries = 4904 Undersc = 0 Overs

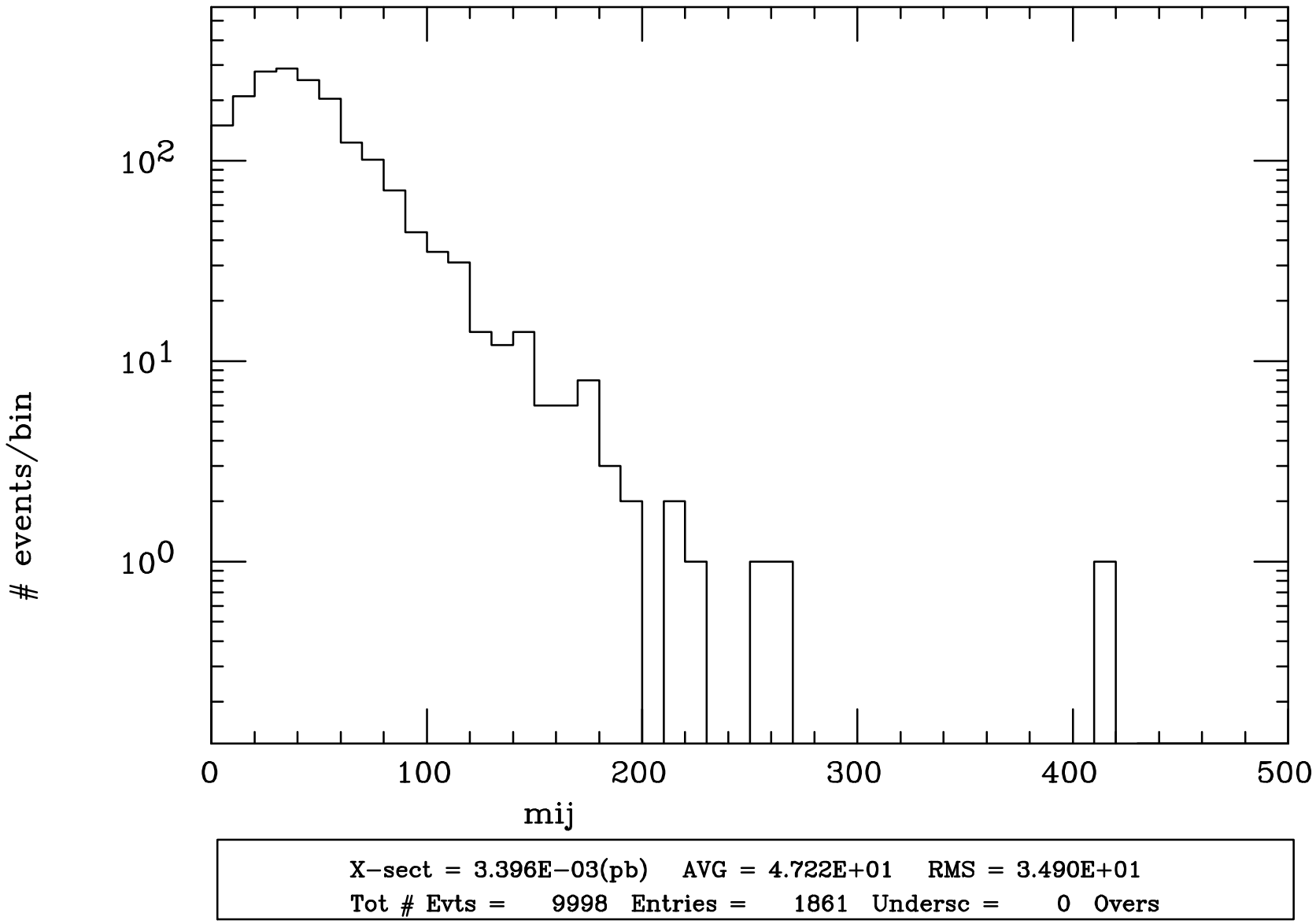

m(jet2,mu−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 6.102E+01 RMS = 4.520E+01
Tot # Evts = 9998 Entries = 3558 Undersc = 0 Overs

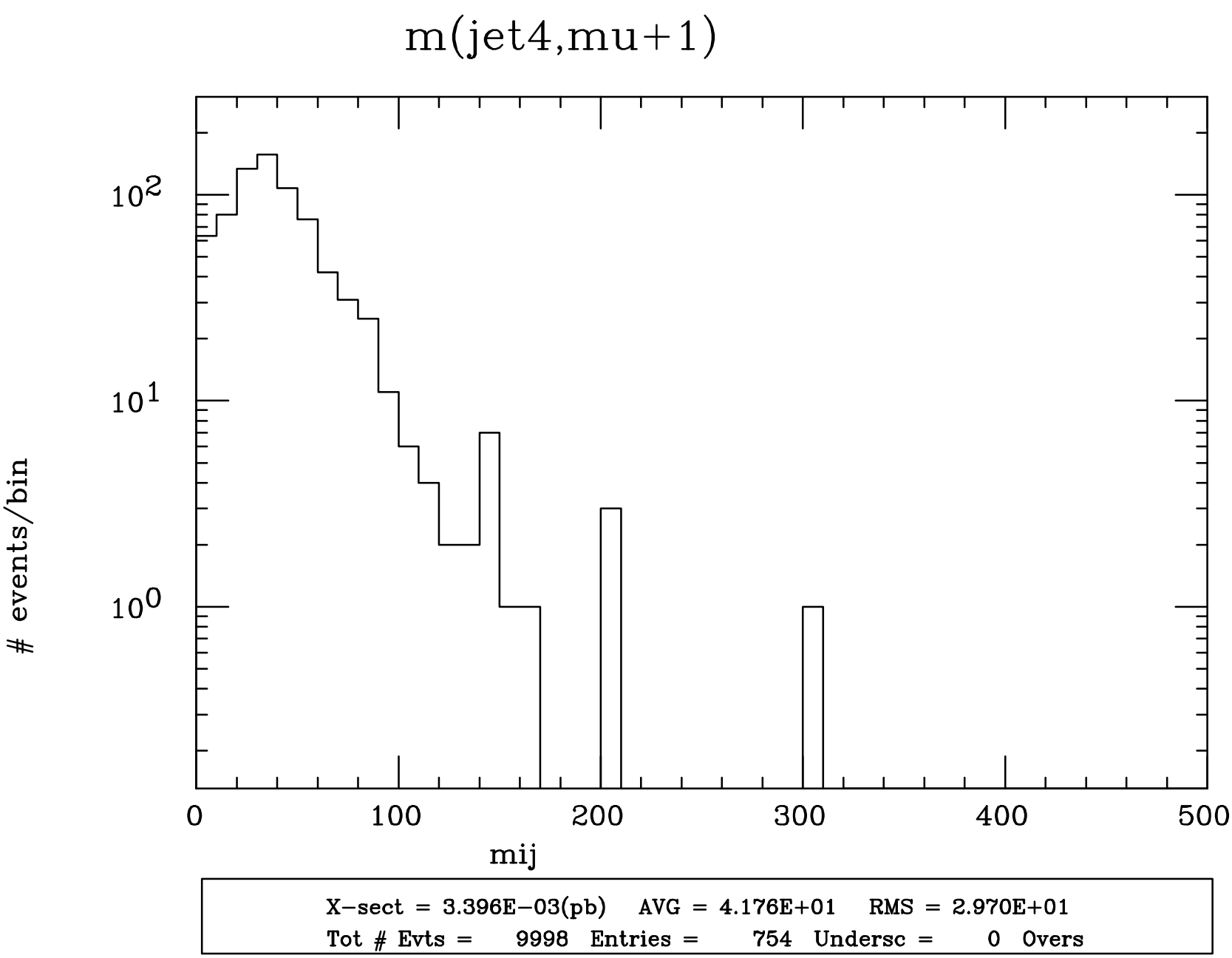

m(jet3,mu−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 4.737E+01 RMS = 3.432E+01
Tot # Evts = 9998 Entries = 1889 Undersc = 0 Overs

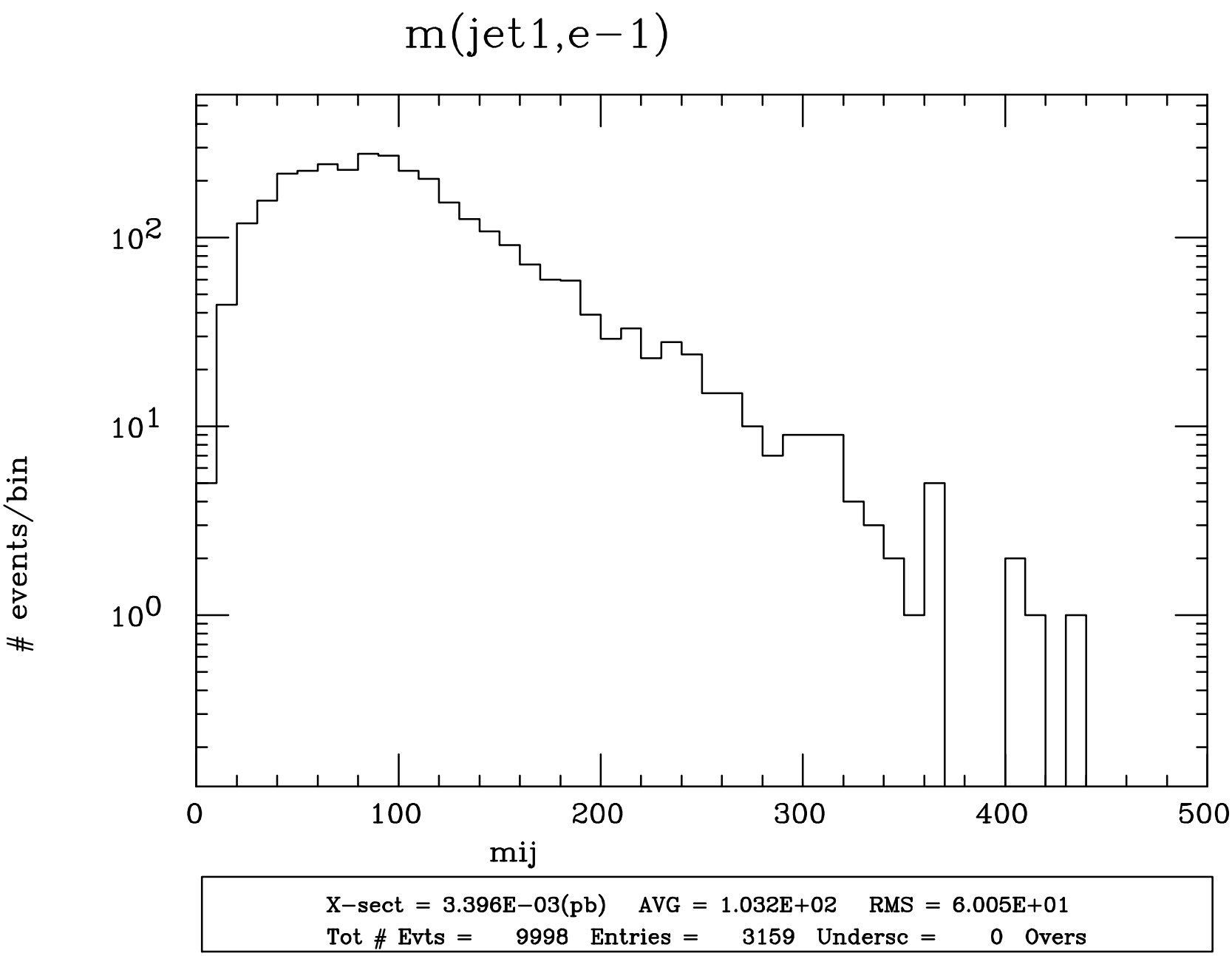

m(jet4,mu−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 4.154E+01 RMS = 2.906E+01
Tot # Evts = 9998 Entries = 777 Undersc = 0 Overs

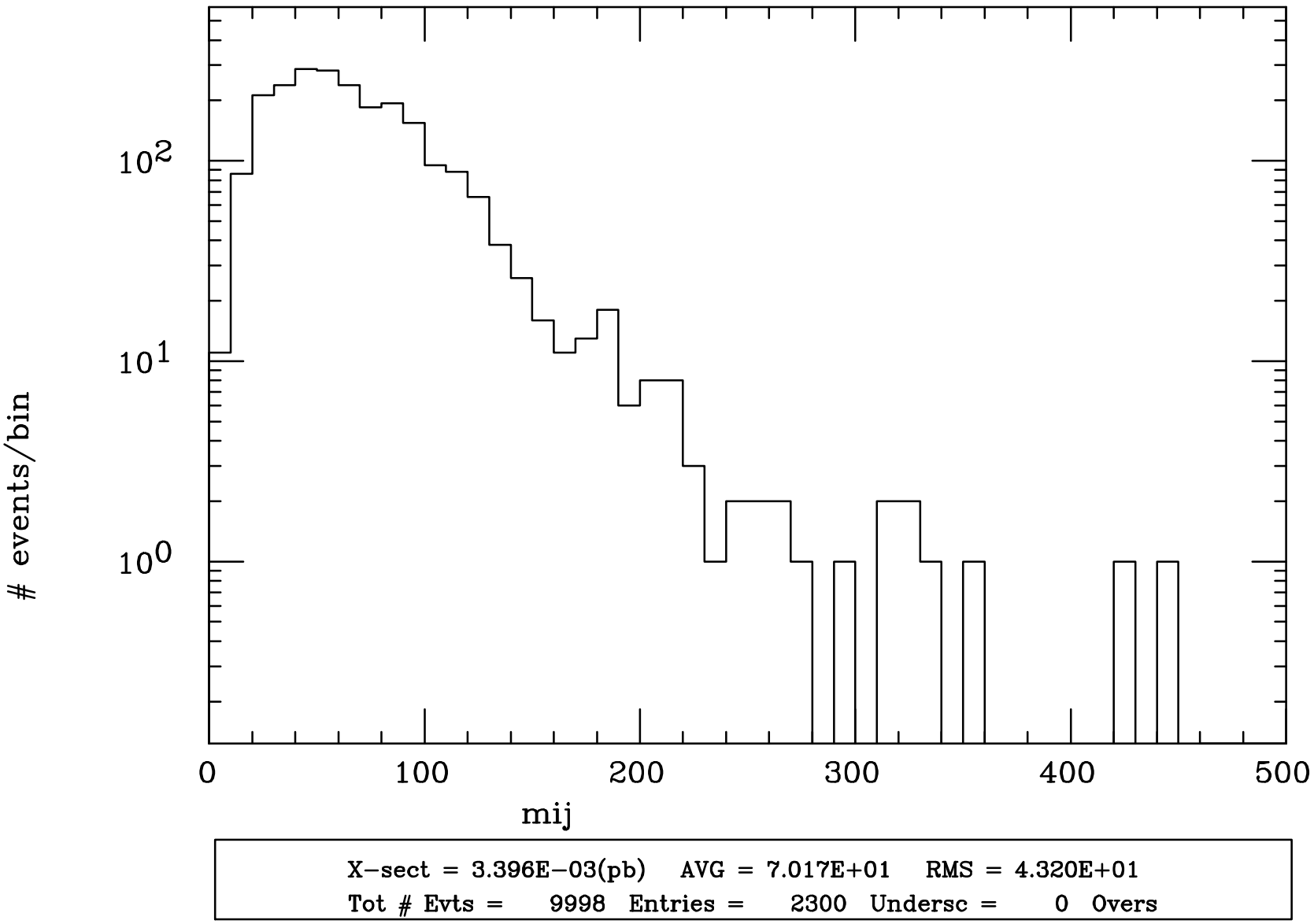

m(jet1,mu+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 9.115E+01 RMS = 6.348E+01
Tot # Evts = 9998 Entries = 4855 Undersc = 0 Overs

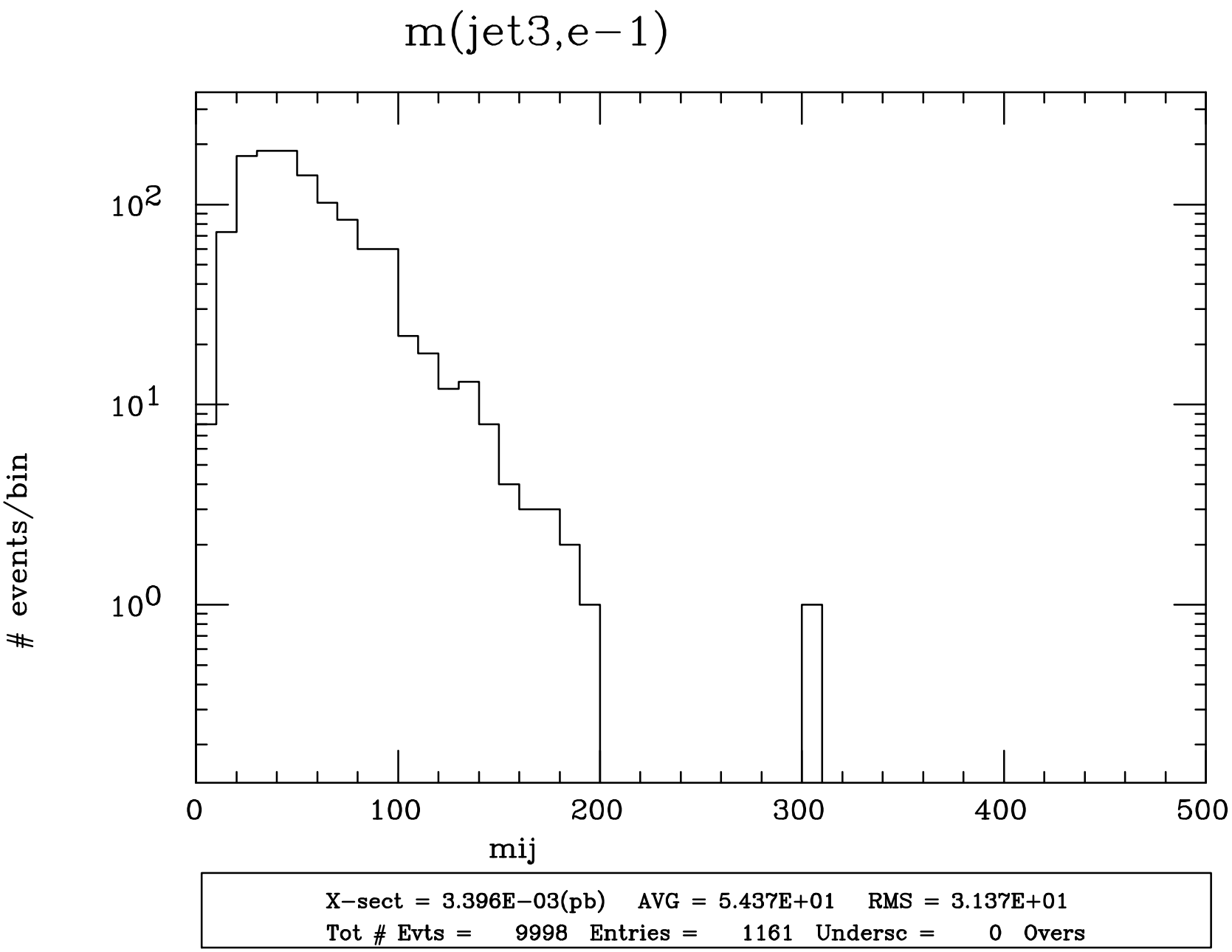

m(jet2,mu+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 6.095E+01 RMS = 4.284E+01
Tot # Evts = 9998 Entries = 3525 Undersc = 0 Overs

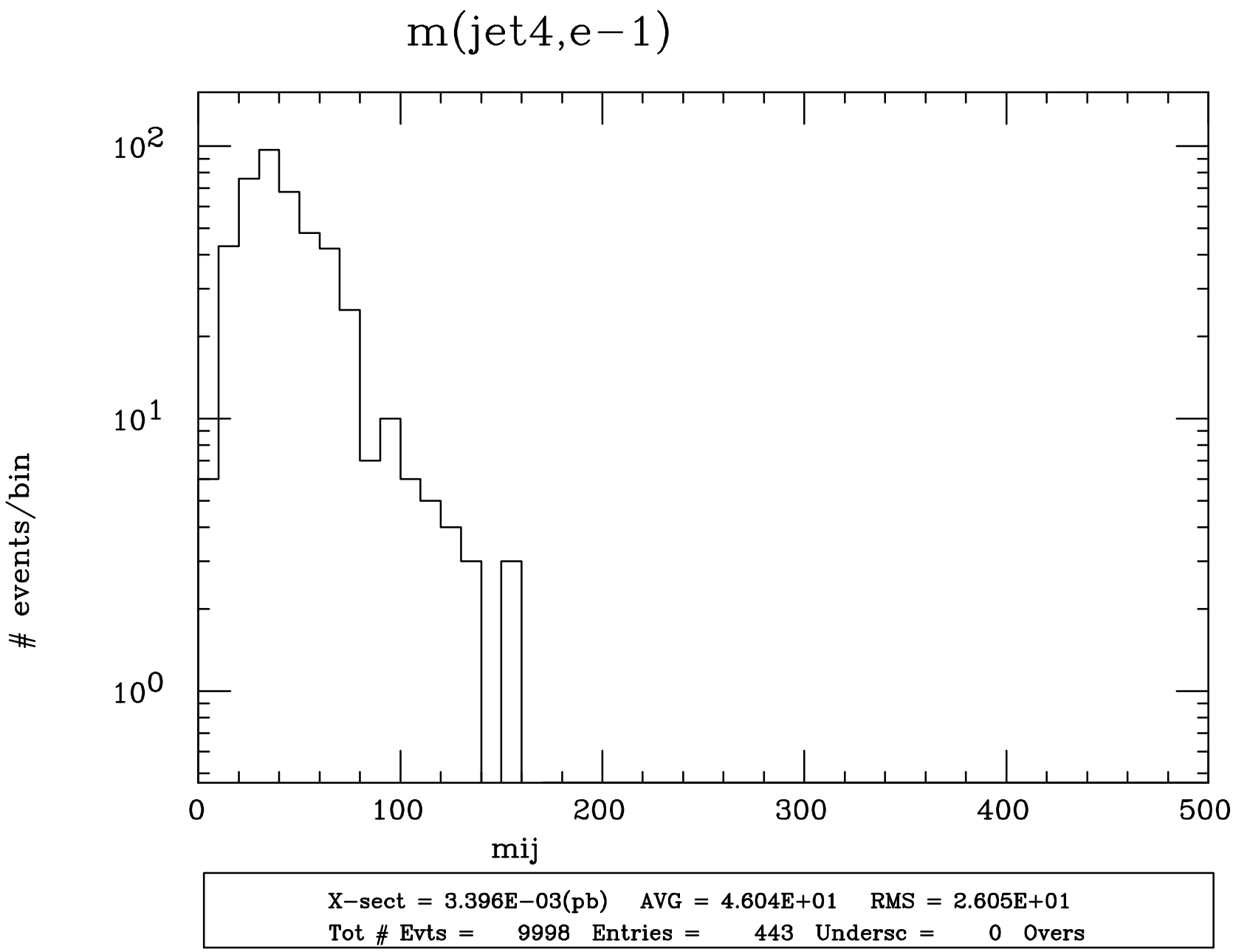

m(jet3,mu+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 4.722E+01 RMS = 3.490E+01
Tot # Evts = 9998 Entries = 1861 Undersc = 0 Overs

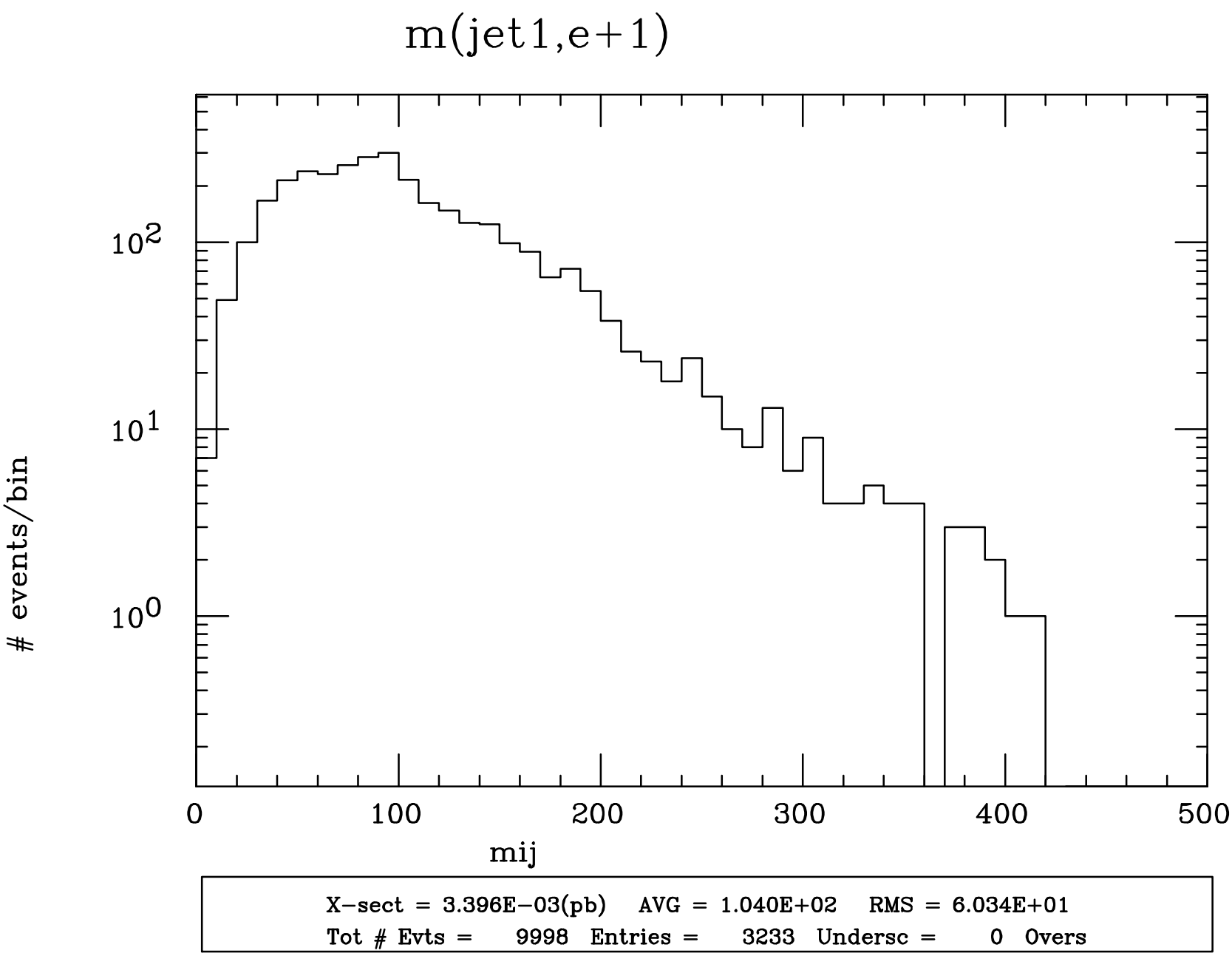

m(jet4,mu+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 4.176E+01 RMS = 2.970E+01
Tot # Evts = 9998 Entries = 754 Undersc = 0 Overs

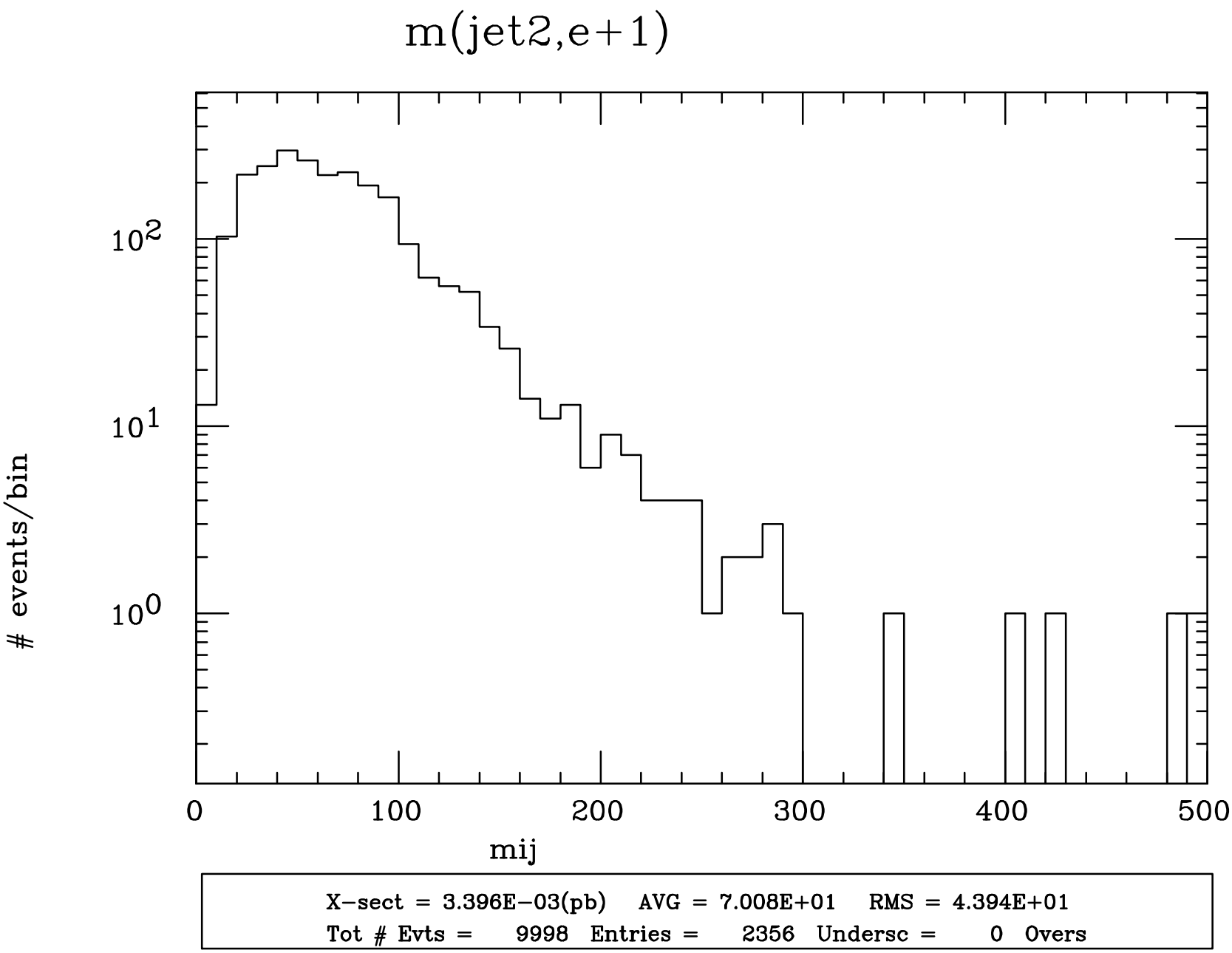

m(jet1,e−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 1.032E+02 RMS = 6.005E+01
Tot # Evts = 9998 Entries = 3159 Undersc = 0 Overs

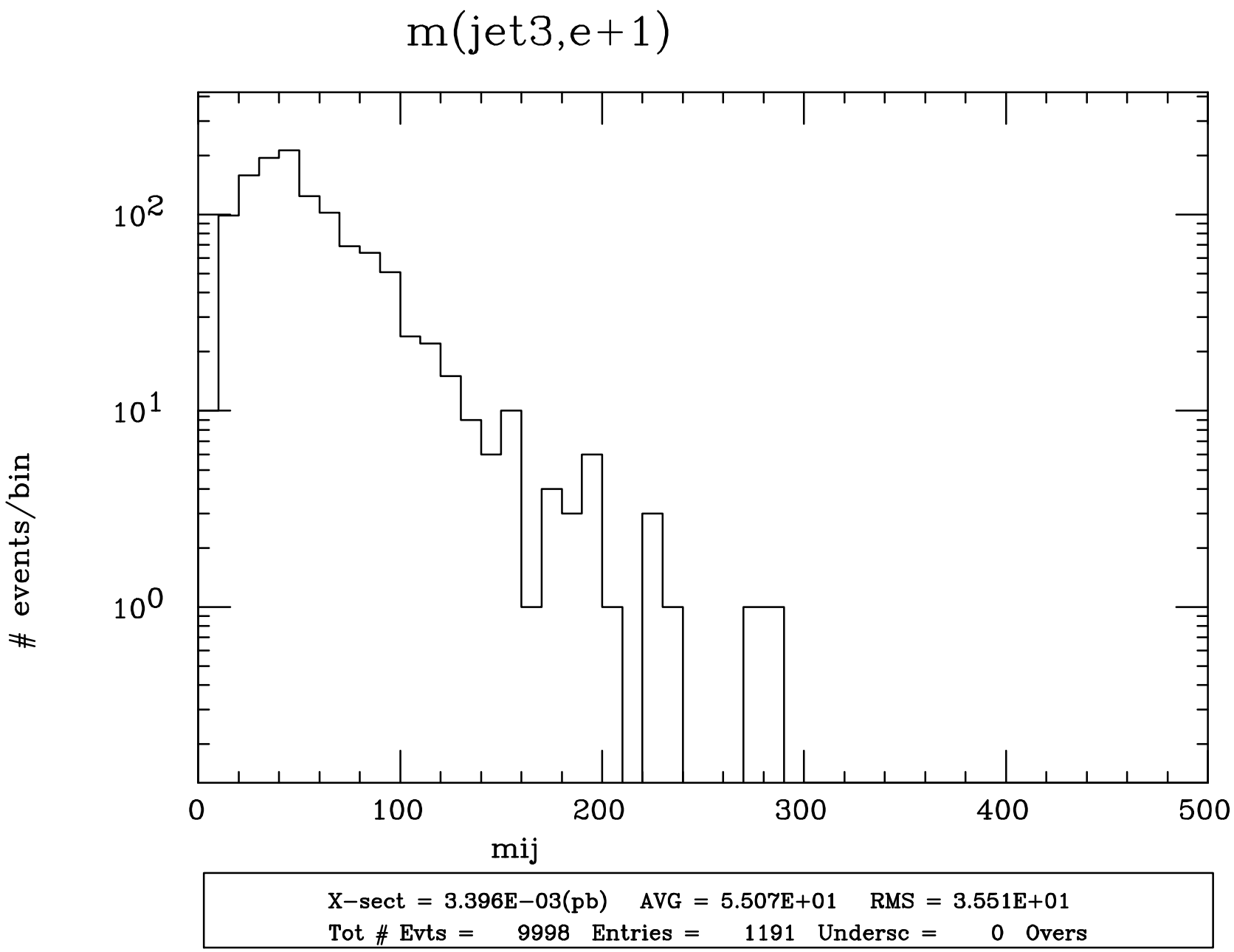

m(jet2,e−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 7.017E+01 RMS = 4.320E+01
Tot # Evts = 9998 Entries = 2300 Undersc = 0 Overs

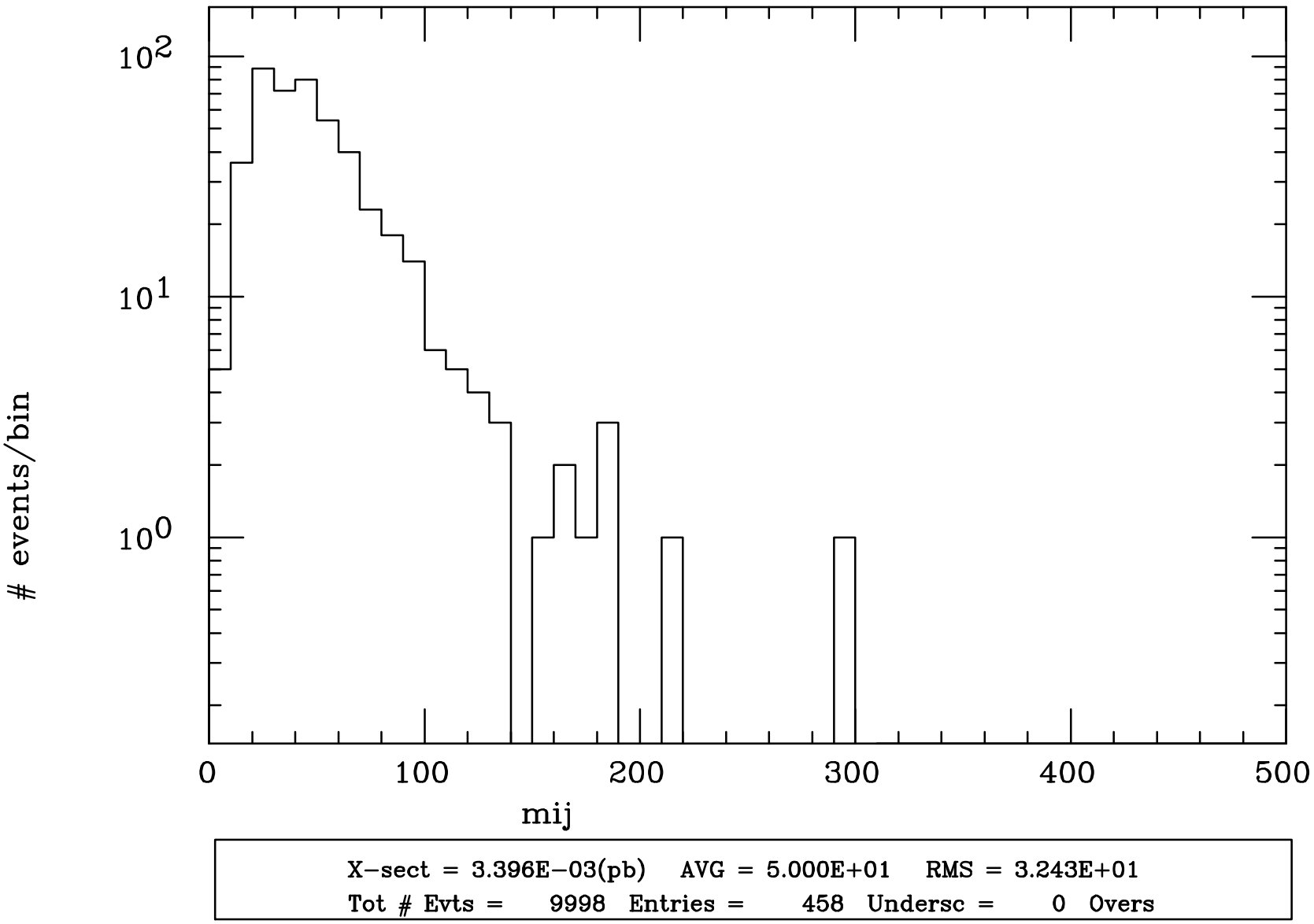

m(jet3,e−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 5.437E+01 RMS = 3.137E+01
Tot # Evts = 9998 Entries = 1161 Undersc = 0 Overs

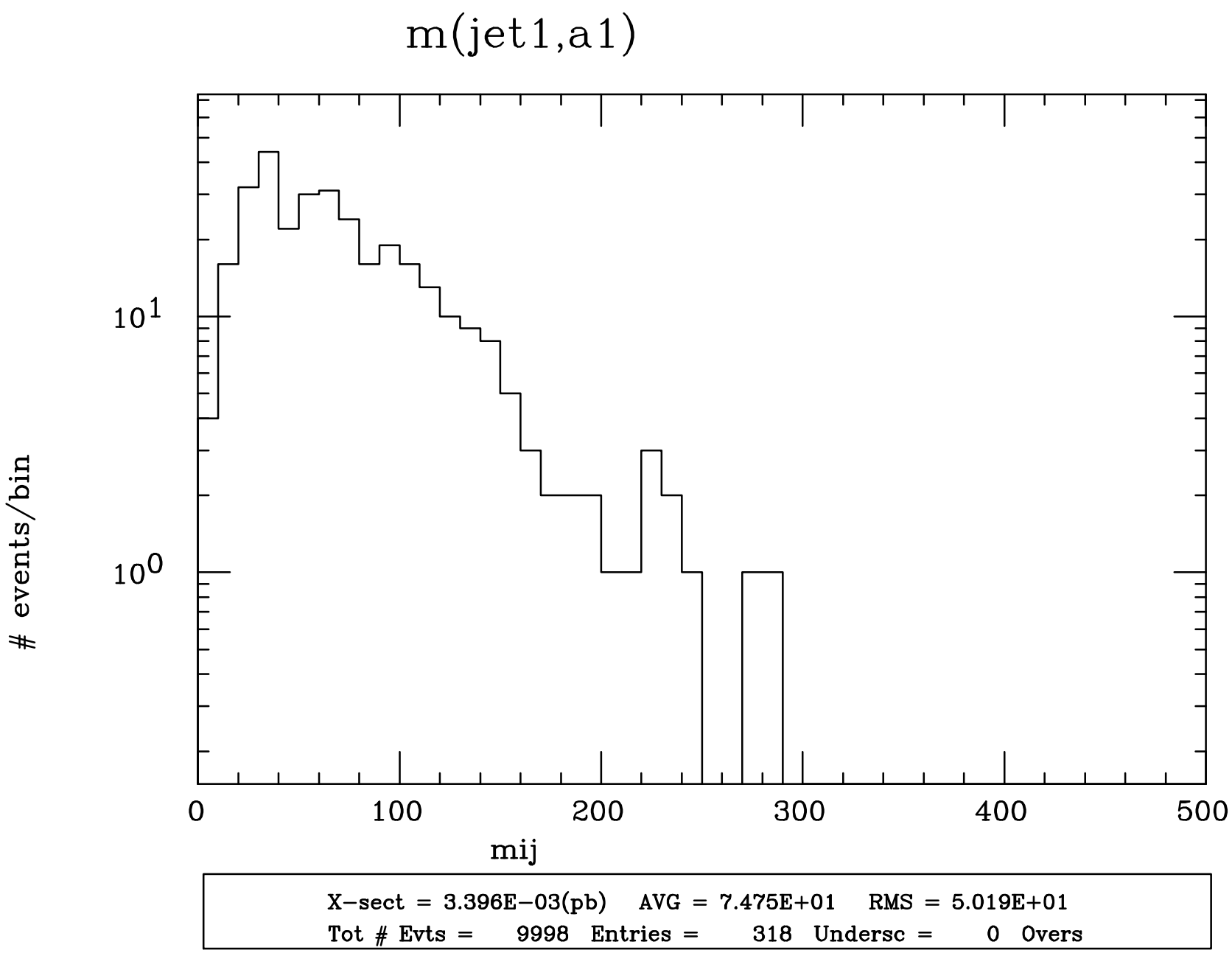

m(jet4,e−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 4.604E+01 RMS = 2.605E+01
Tot # Evts = 9998 Entries = 443 Undersc = 0 Overs

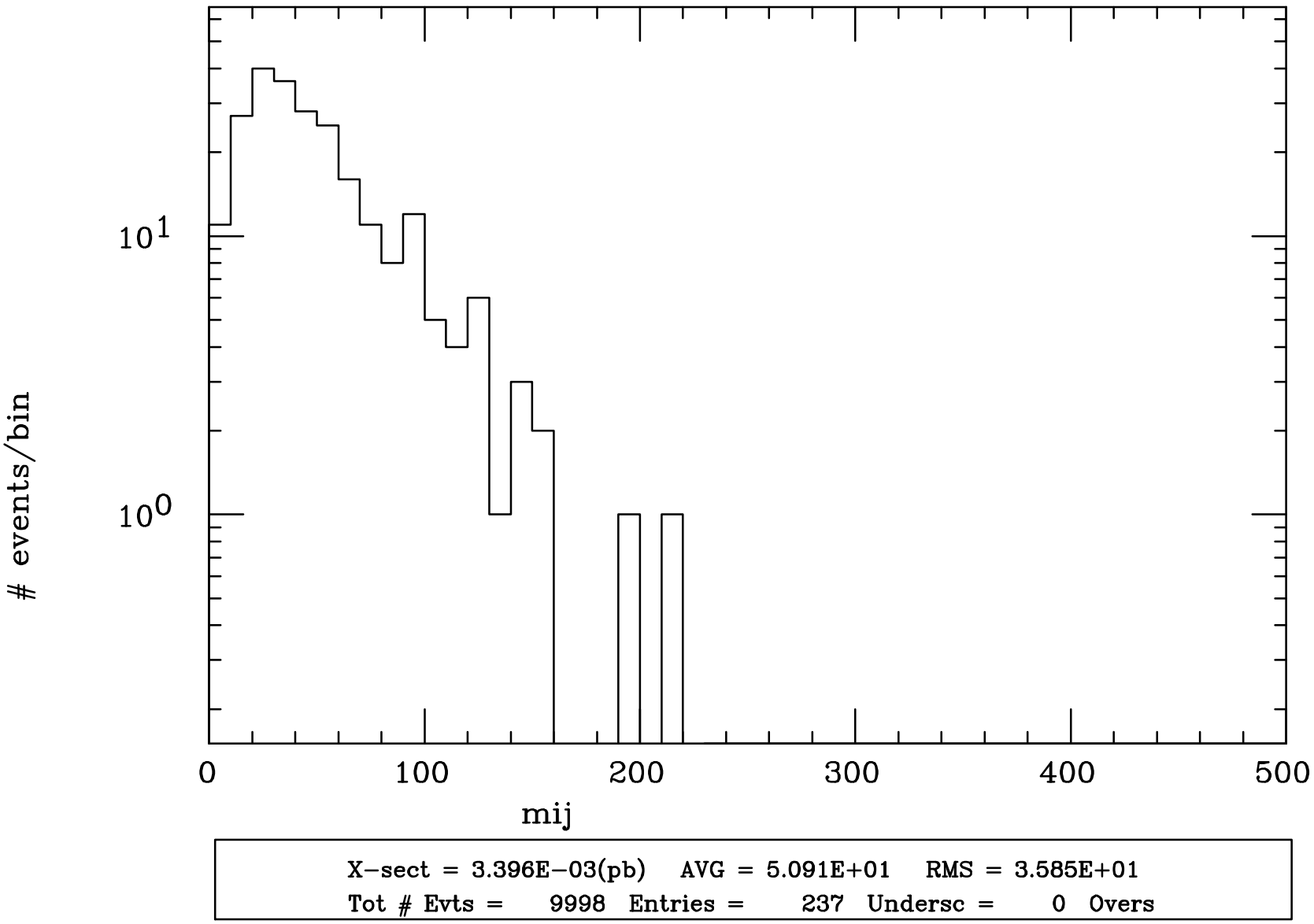

m(jet1,e+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 1.040E+02 RMS = 6.034E+01
Tot # Evts = 9998 Entries = 3233 Undersc = 0 Overs

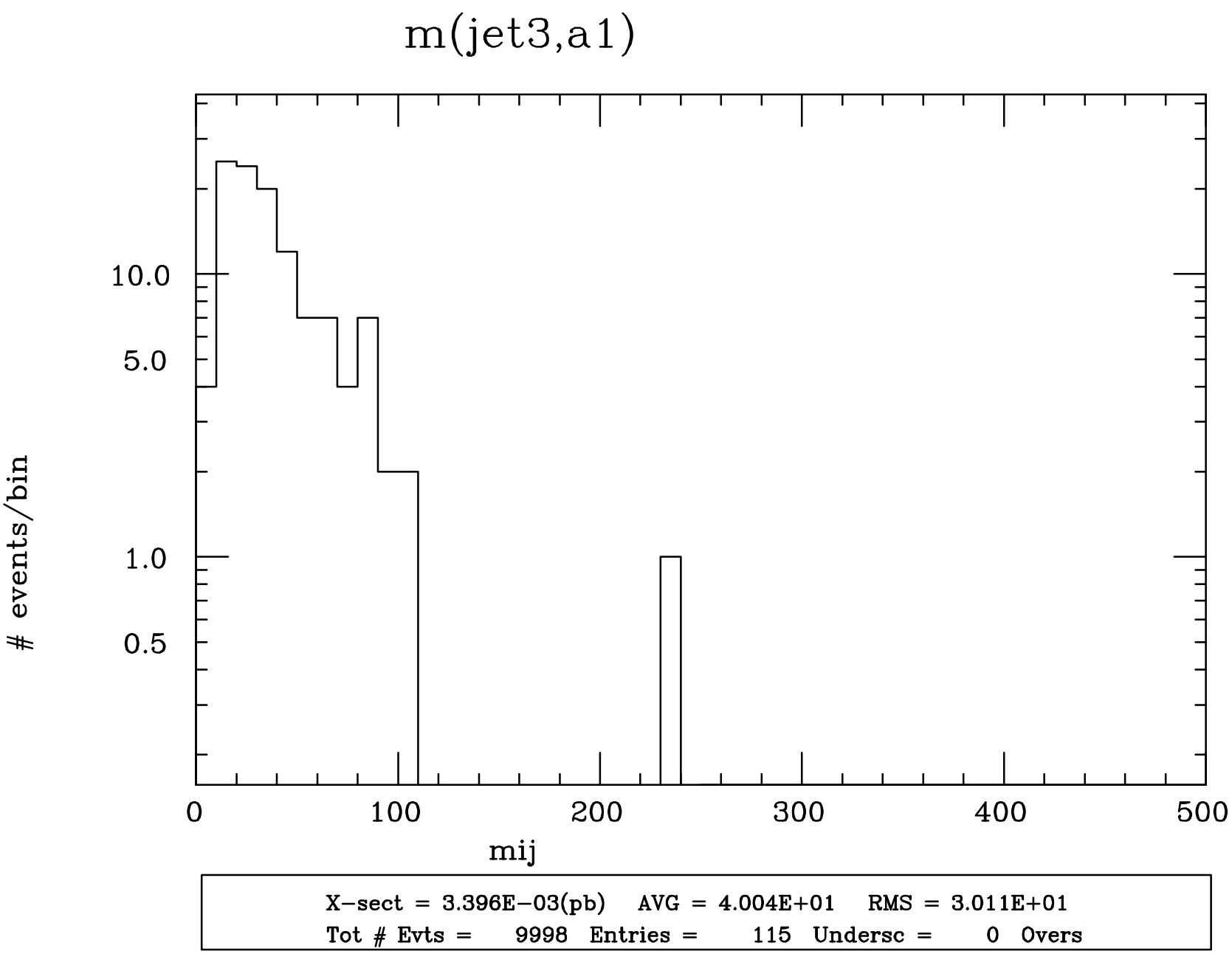

m(jet2,e+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 7.008E+01 RMS = 4.394E+01
Tot # Evts = 9998 Entries = 2356 Undersc = 0 Overs

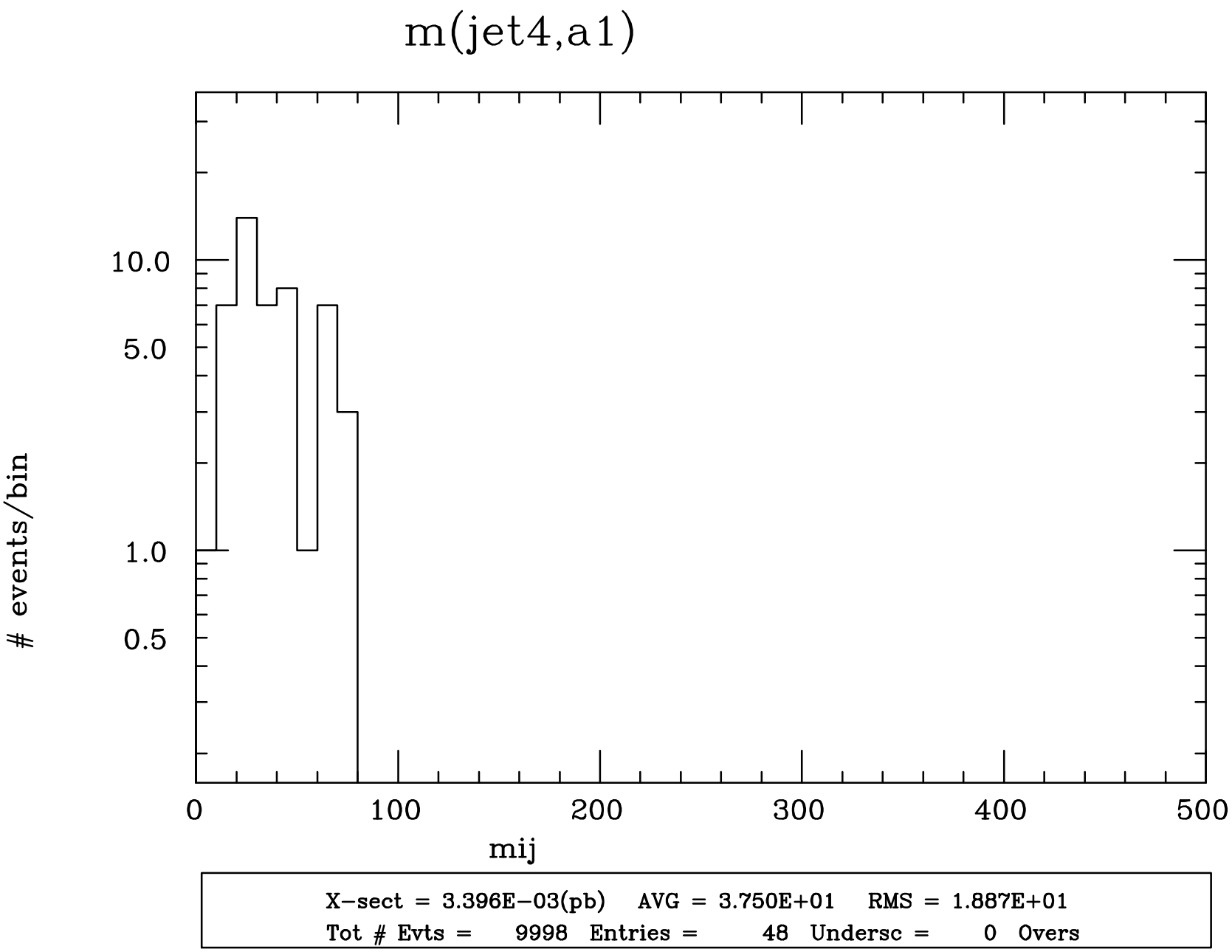

m(jet3,e+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 5.507E+01 RMS = 3.551E+01
Tot # Evts = 9998 Entries = 1191 Undersc = 0 Overs

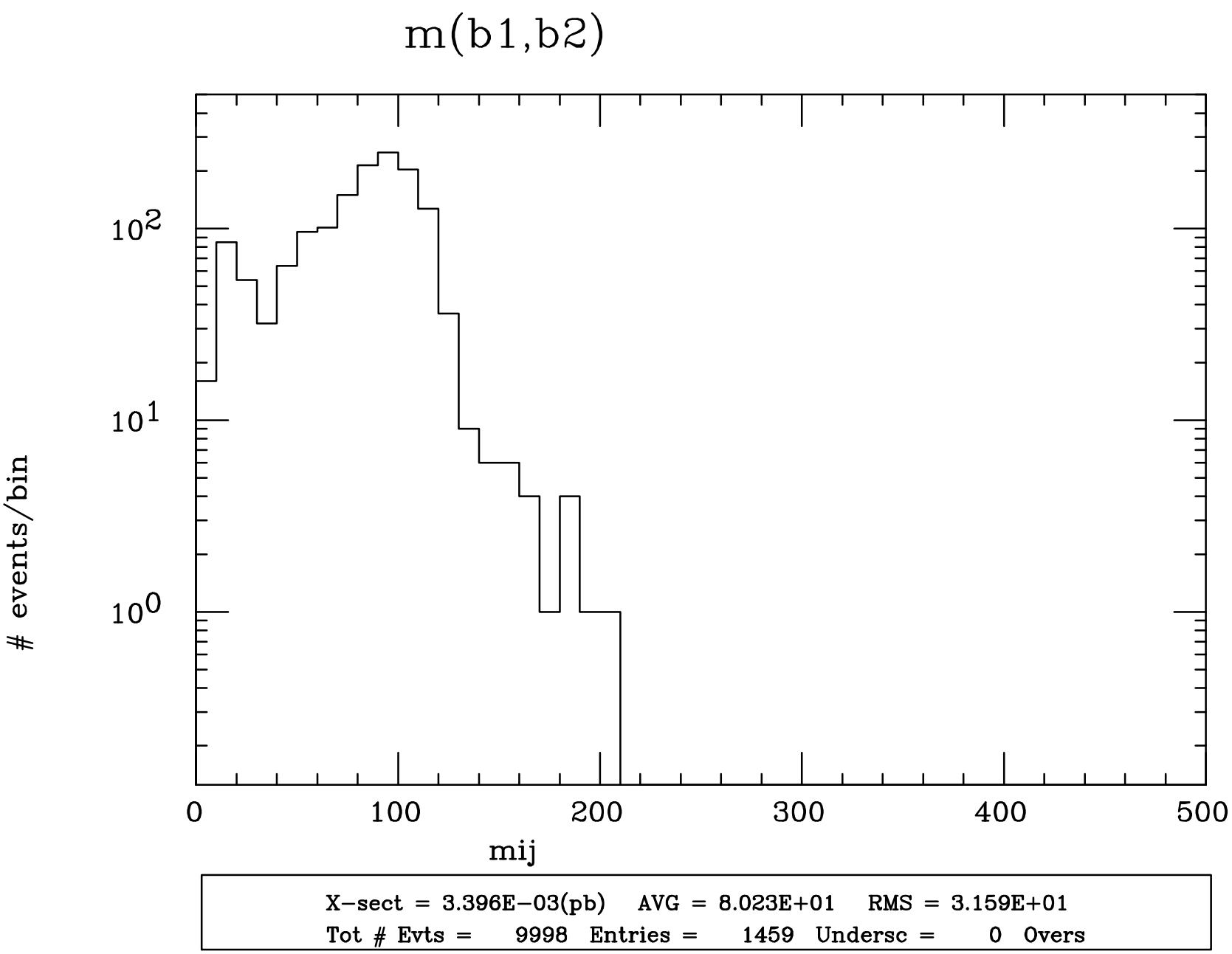

m(jet4,e+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 5.000E+01 RMS = 3.243E+01
Tot # Evts = 9998 Entries = 458 Undersc = 0 Overs

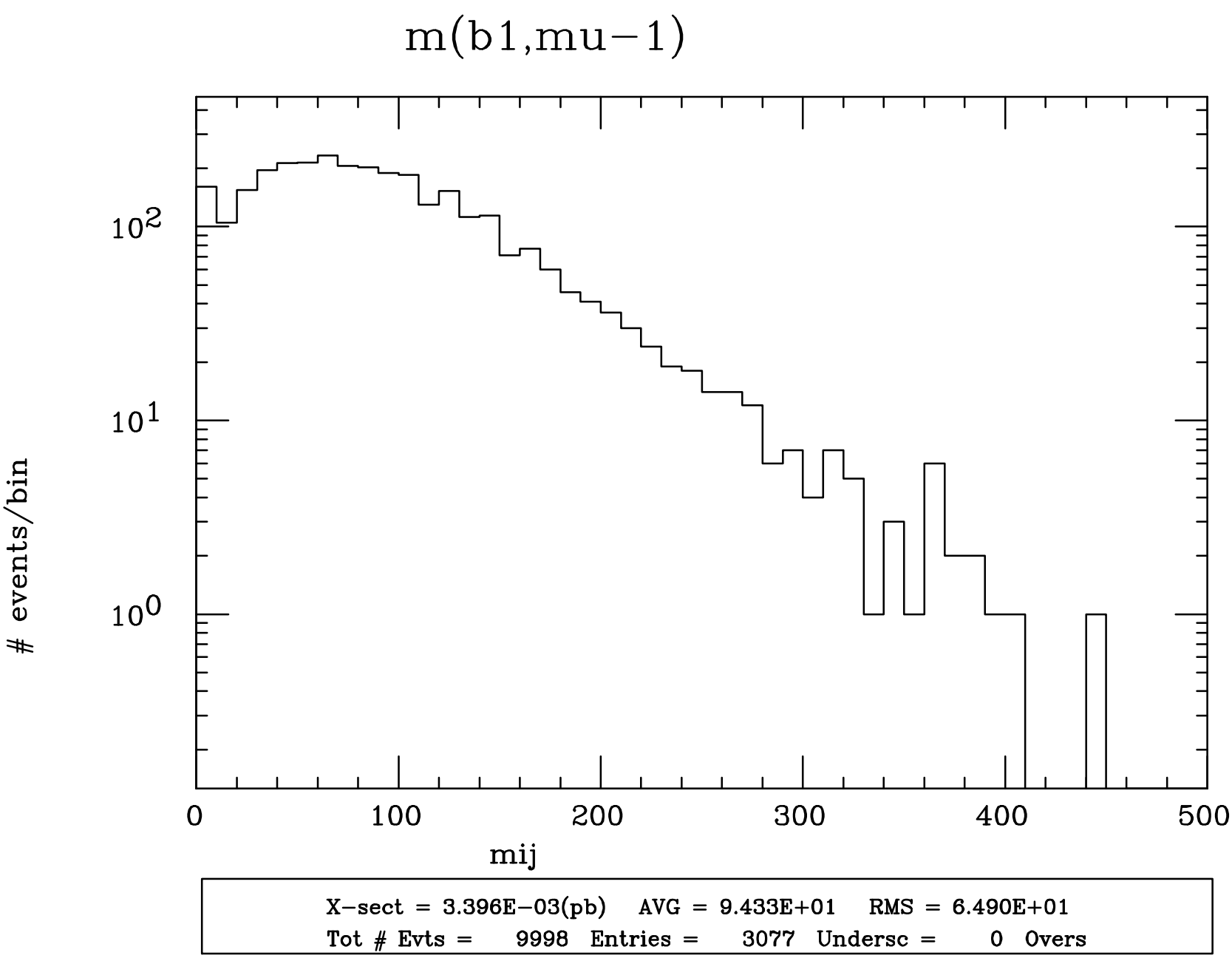

m(jet1,a1)
# events/bin
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 7.475E+01 RMS = 5.019E+01
Tot # Evts = 9998 Entries = 318 Undersc = 0 Overs

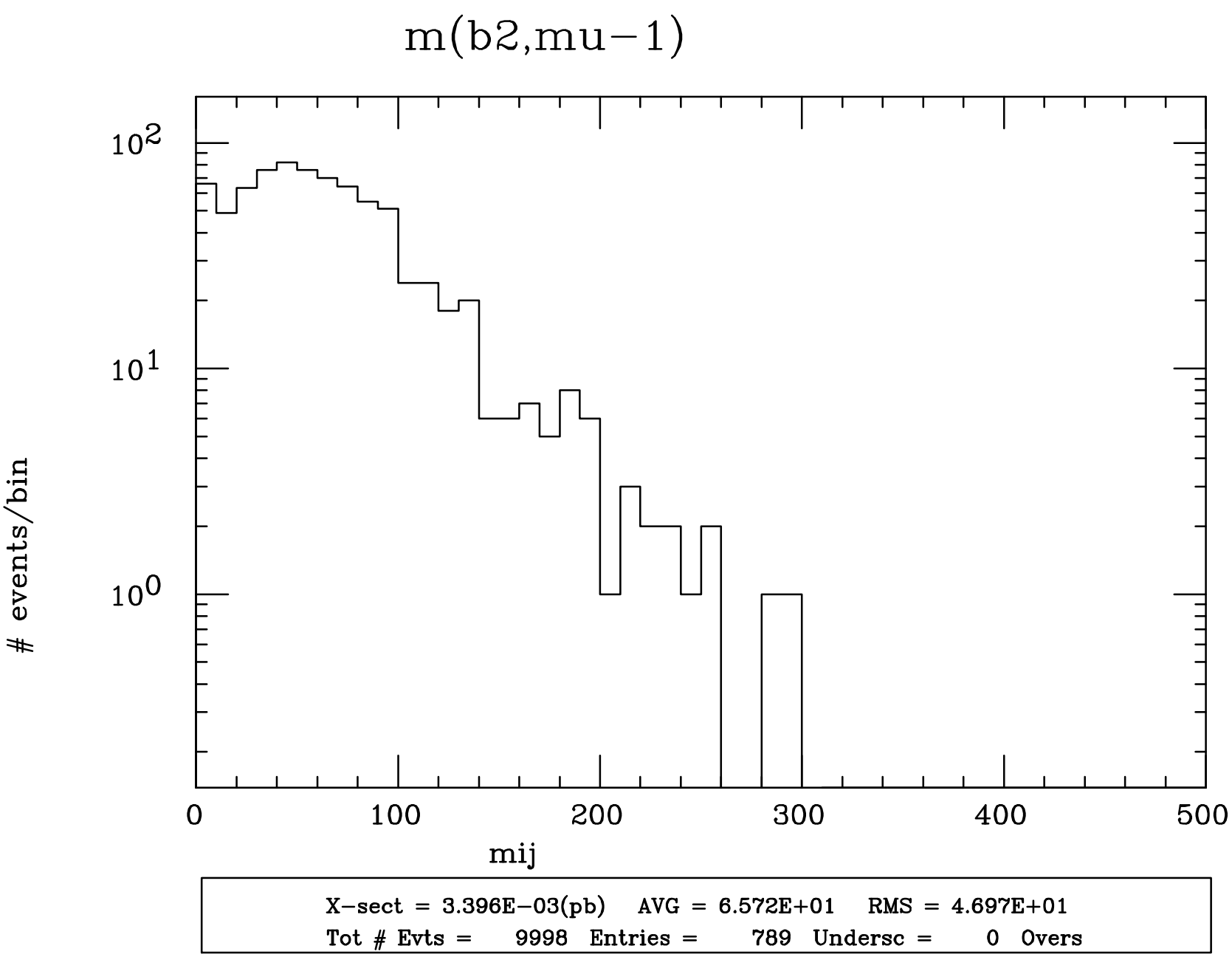

m(jet2,a1)
# events/bin
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 5.091E+01 RMS = 3.585E+01
Tot # Evts = 9998 Entries = 237 Undersc = 0 Overs

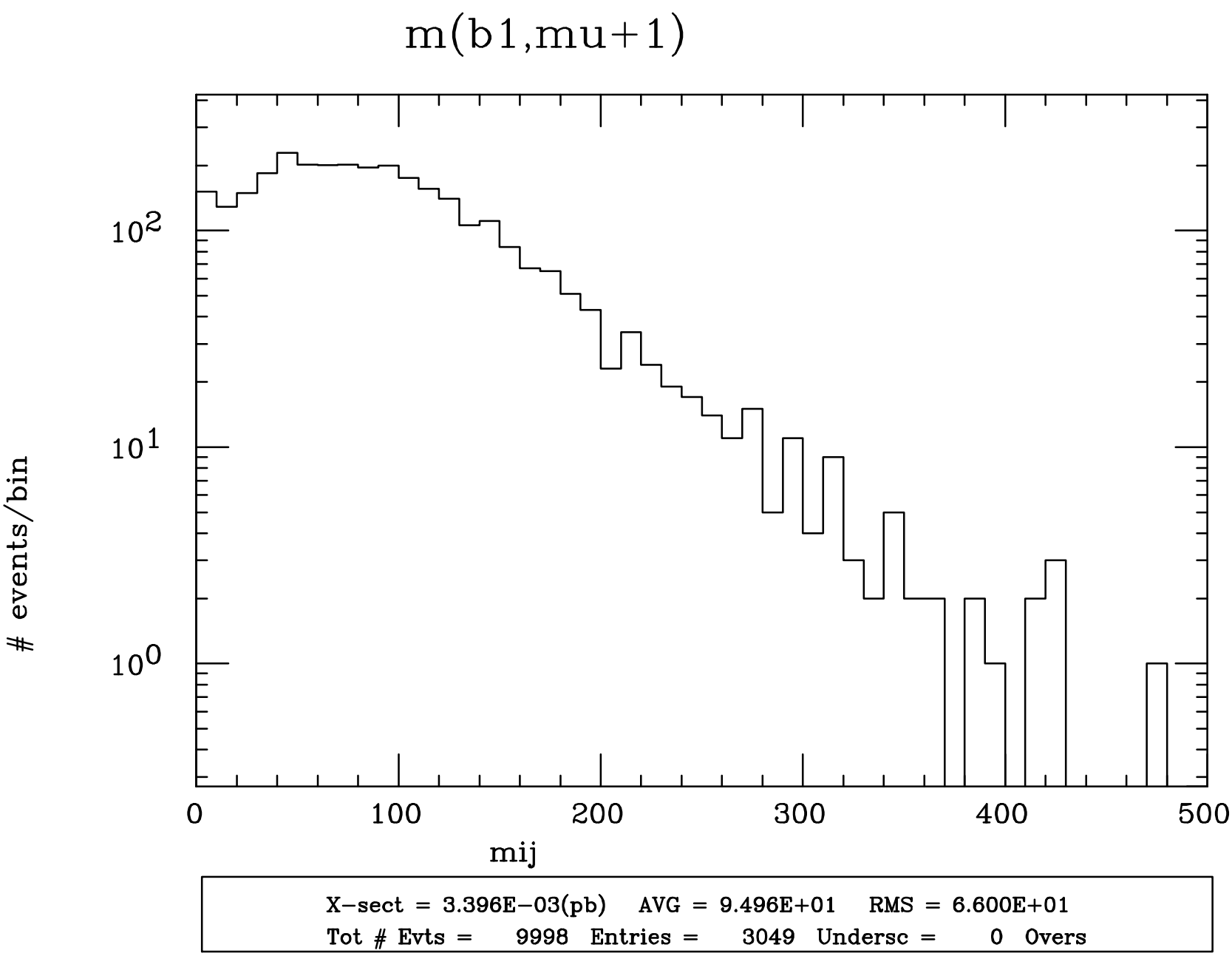

m(jet3,a1)
# events/bin
10.0
5.0
1.0
0.5
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 4.004E+01 RMS = 3.011E+01
Tot # Evts = 9998 Entries = 115 Undersc = 0 Overs

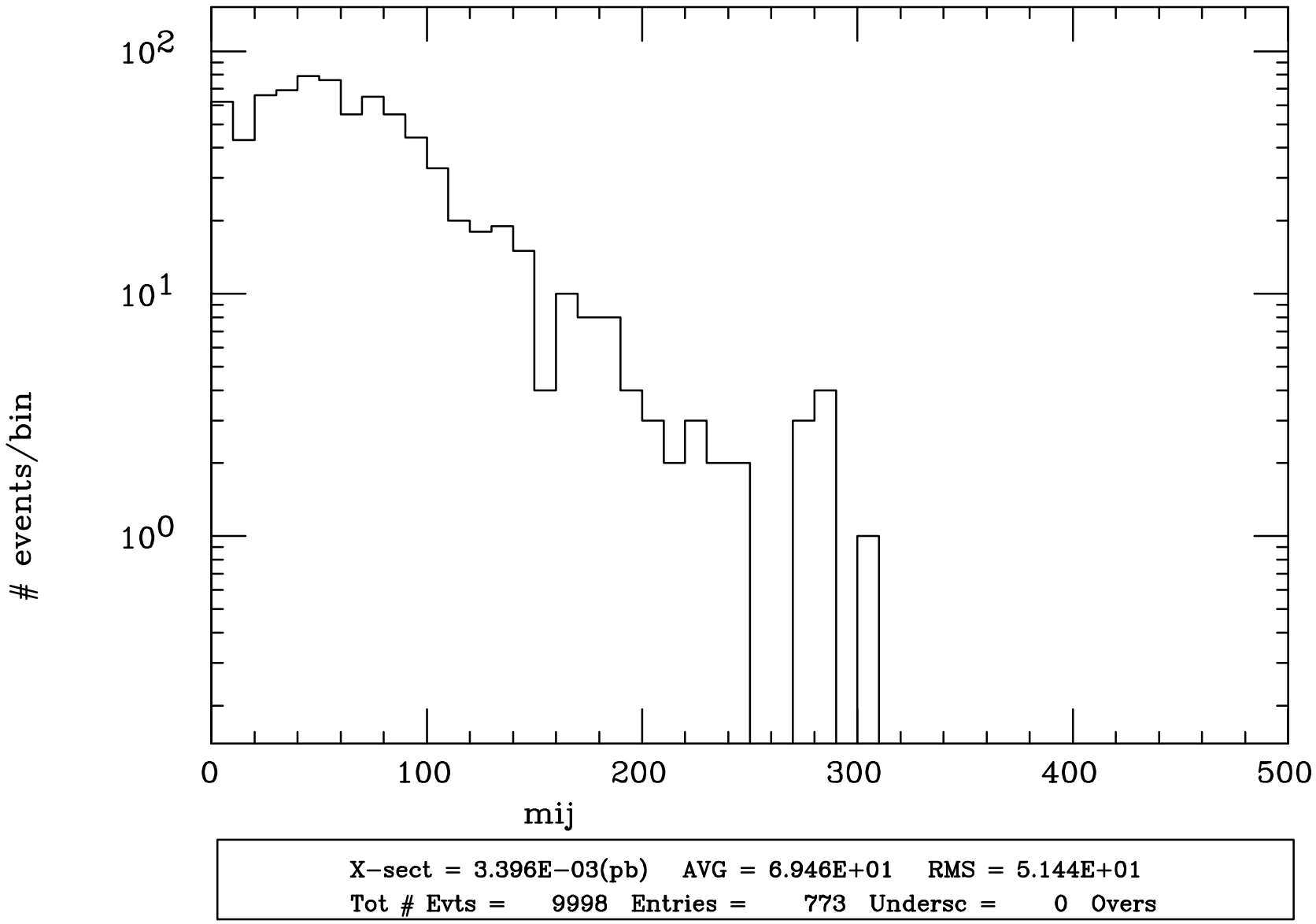

m(jet4,a1)
# events/bin
10.0
5.0
1.0
0.5
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 3.750E+01 RMS = 1.887E+01
Tot # Evts = 9998 Entries = 48 Undersc = 0 Overs

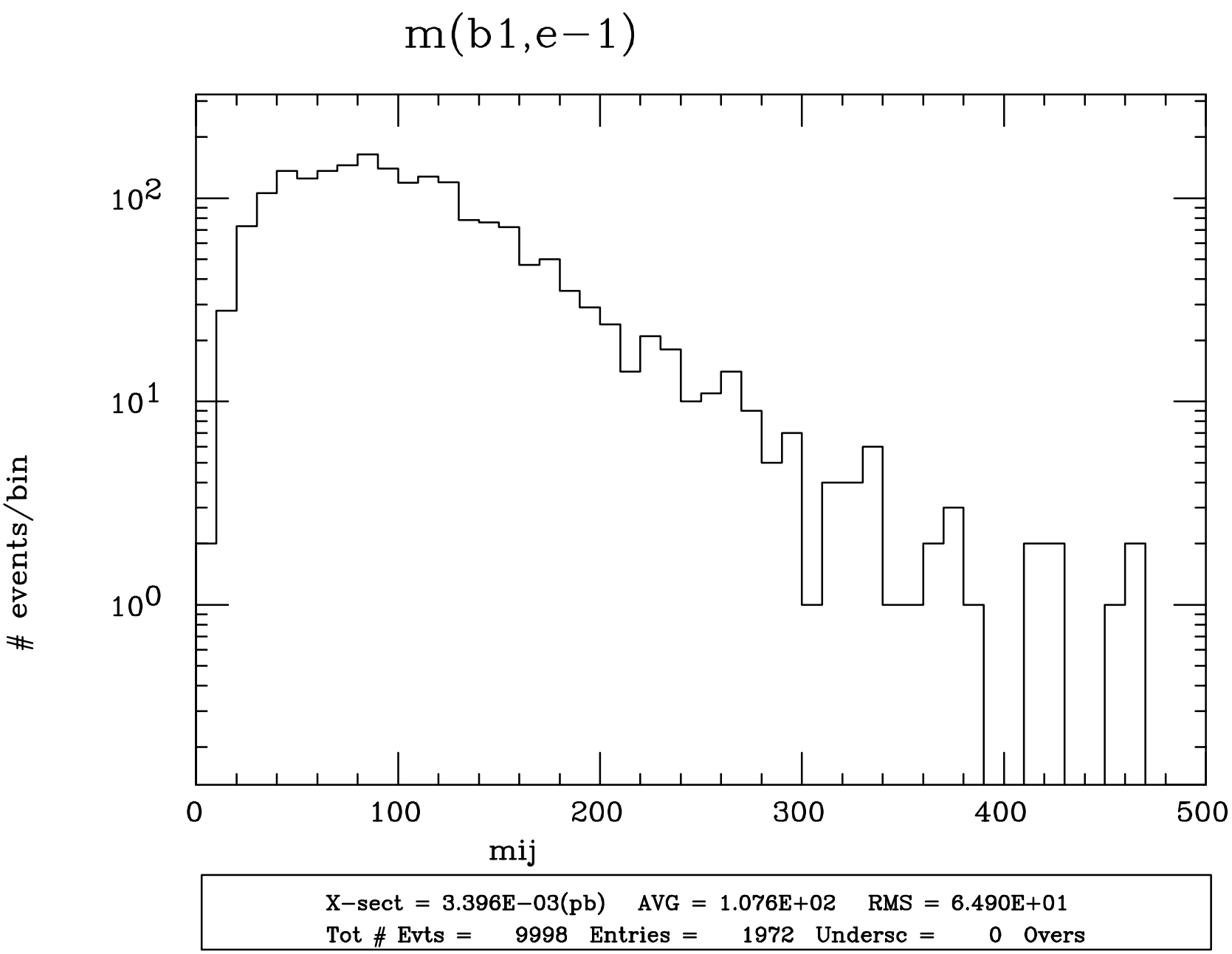

m(b1,b2)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 8.023E+01 RMS = 3.159E+01
Tot # Evts = 9998 Entries = 1459 Undersc = 0 Overs

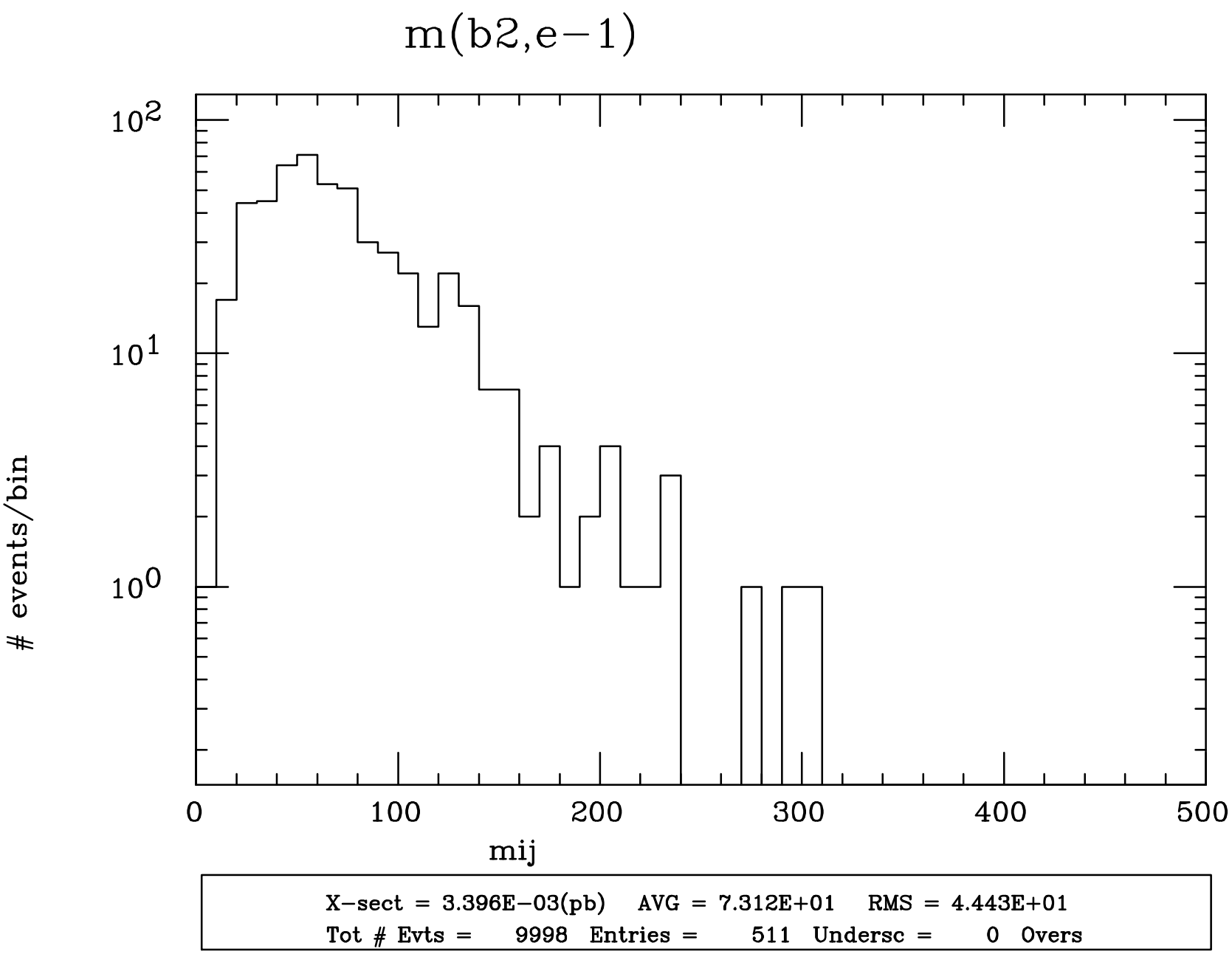

m(b1,mu−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 9.433E+01 RMS = 6.490E+01
Tot # Evts = 9998 Entries = 3077 Undersc = 0 Overs

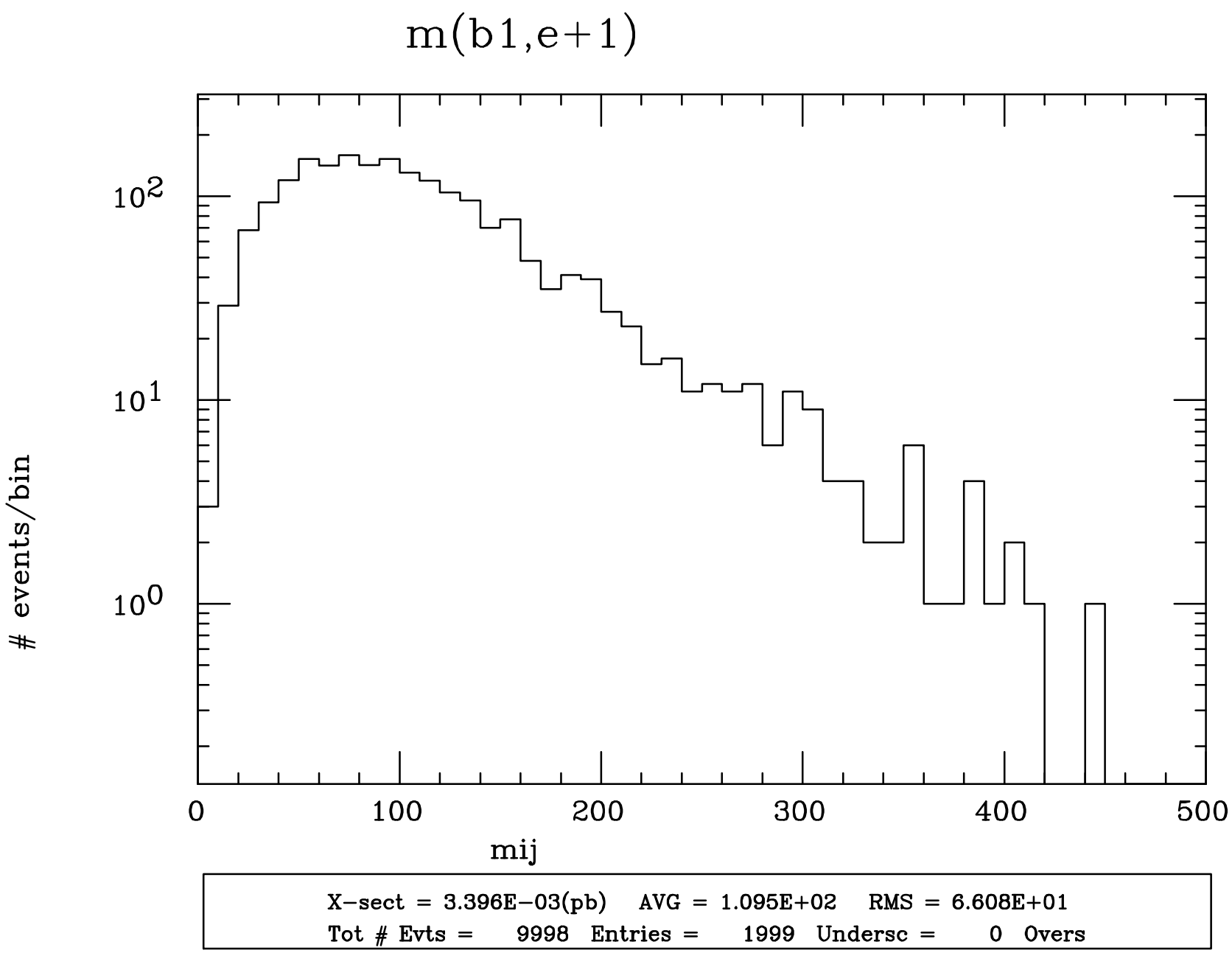

m(b2,mu−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 6.572E+01 RMS = 4.697E+01
Tot # Evts = 9998 Entries = 789 Undersc = 0 Overs

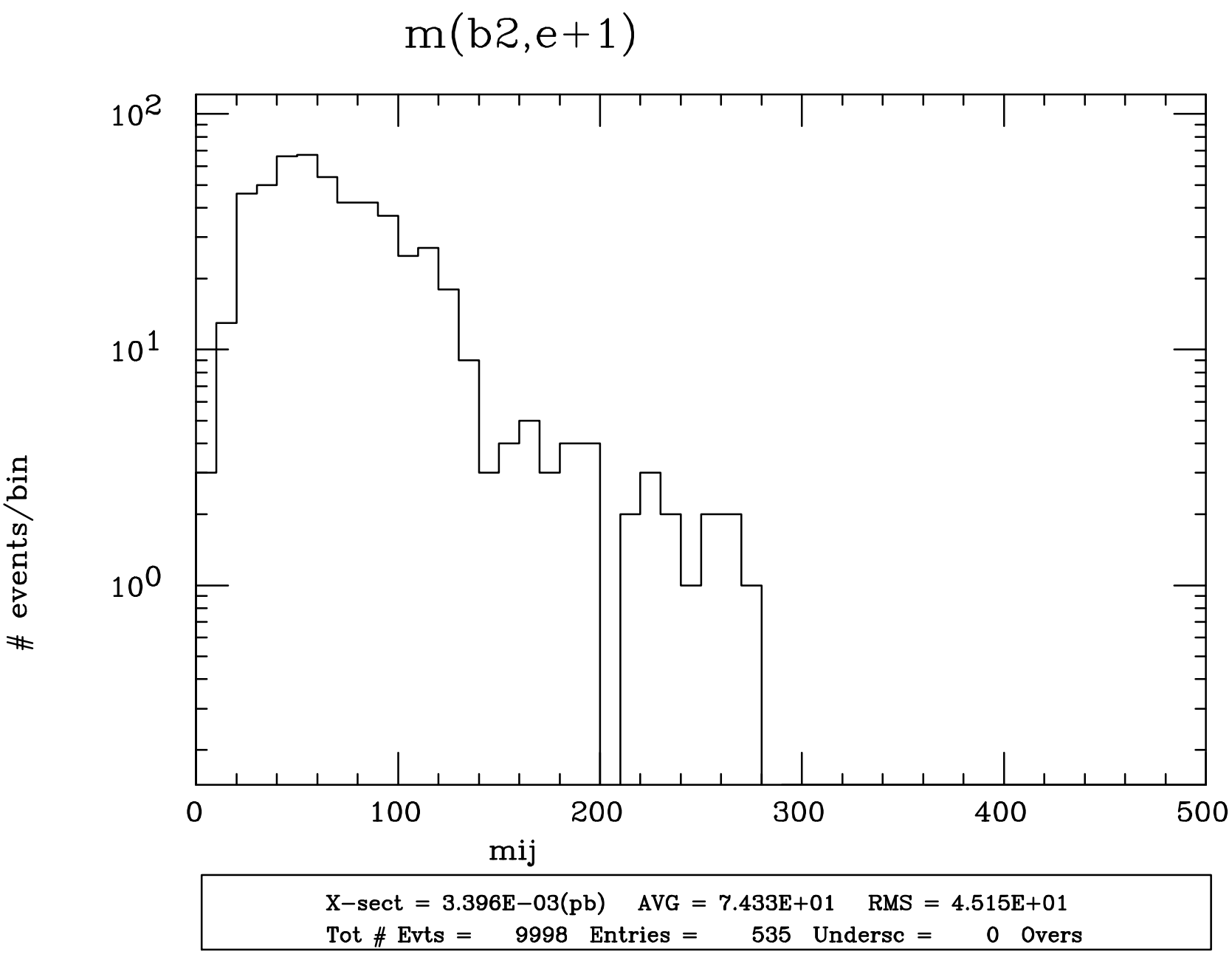

m(b1,mu+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 9.496E+01 RMS = 6.600E+01
Tot # Evts = 9998 Entries = 3049 Undersc = 0 Overs

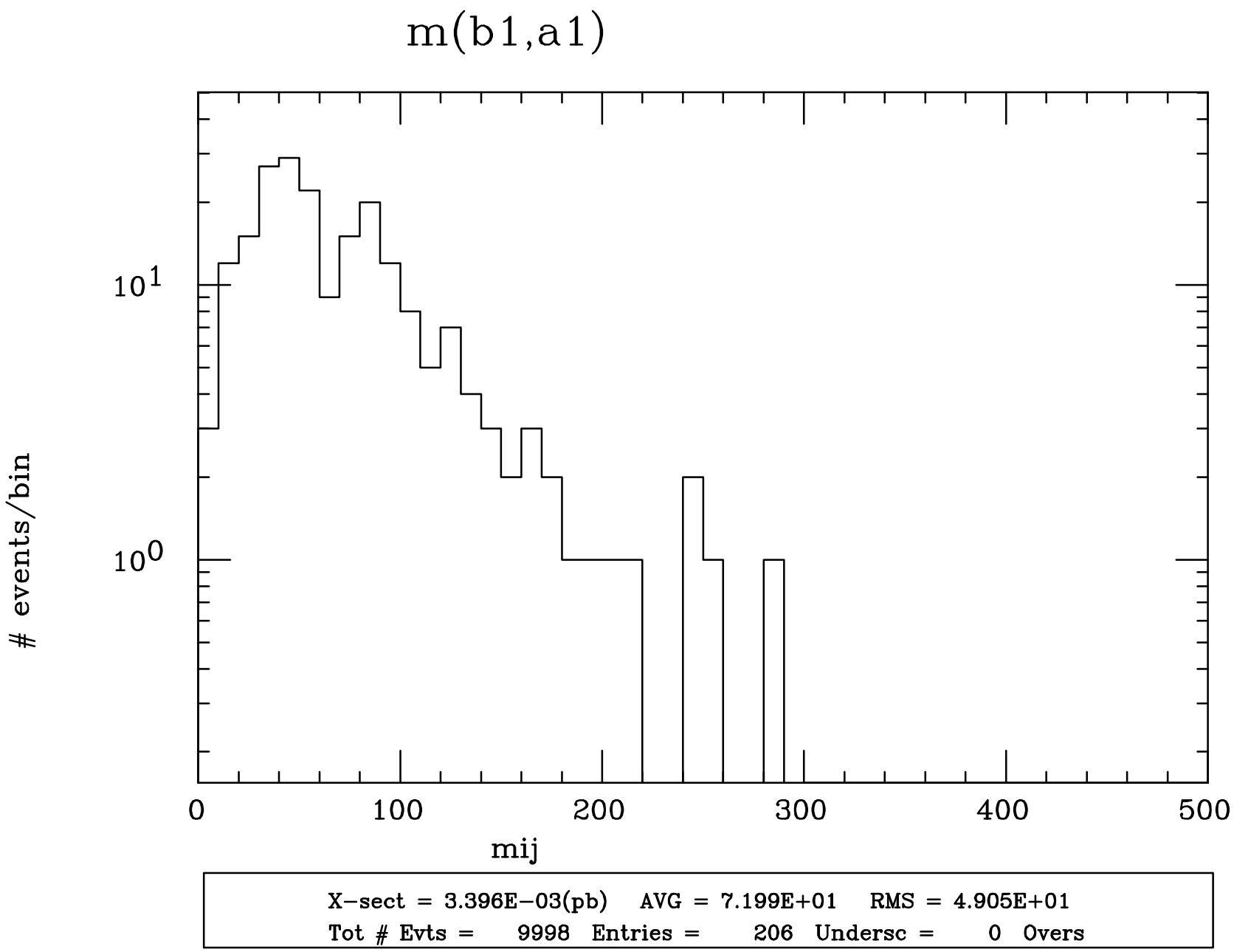

m(b2,mu+1)
10^2
10^1
10^0
events/bin
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 6.946E+01 RMS = 5.144E+01
Tot # Evts = 9998 Entries = 773 Undersc = 0 Overs

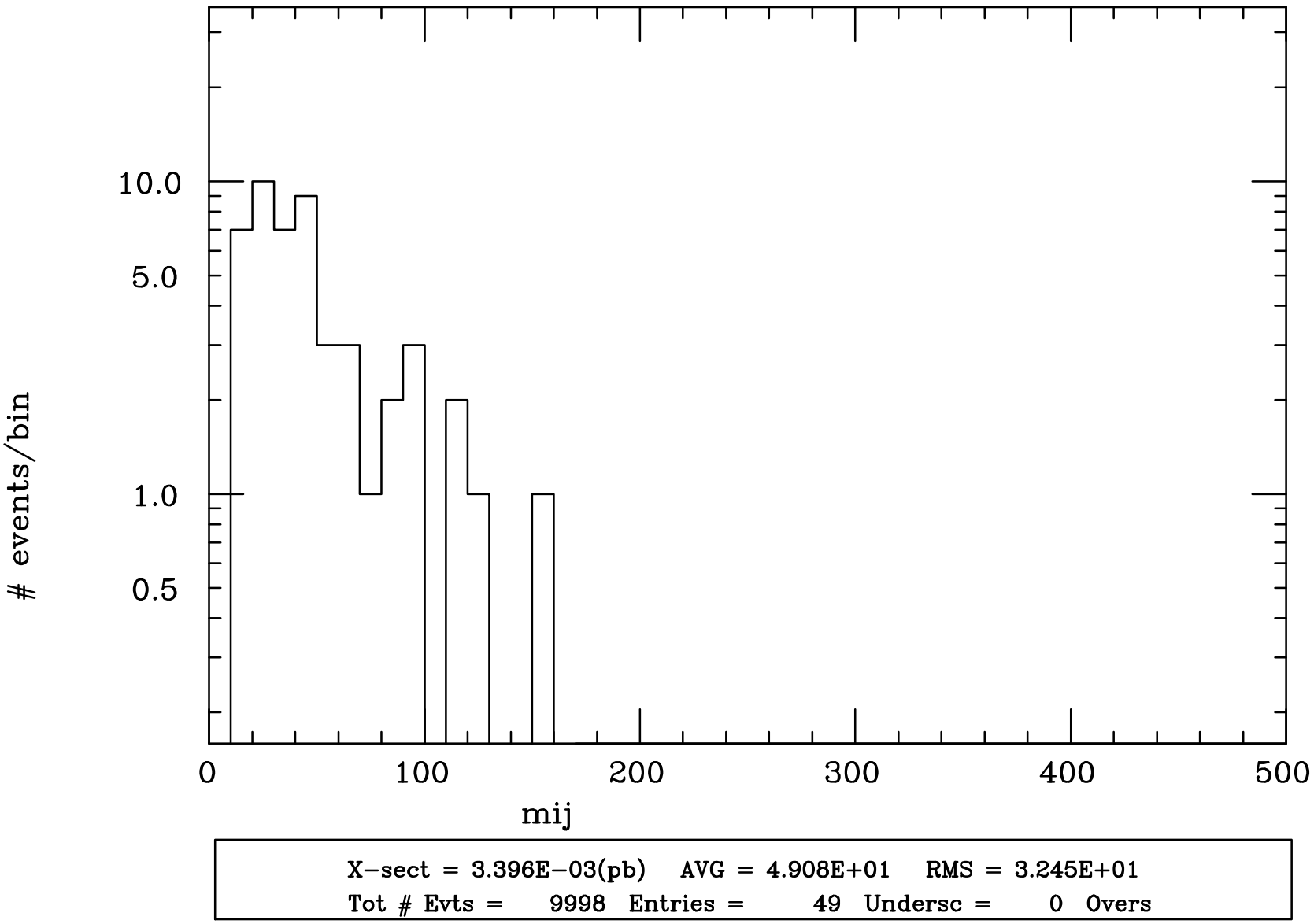

m(b1,e−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 1.076E+02 RMS = 6.490E+01
Tot # Evts = 9998 Entries = 1972 Undersc = 0 Overs

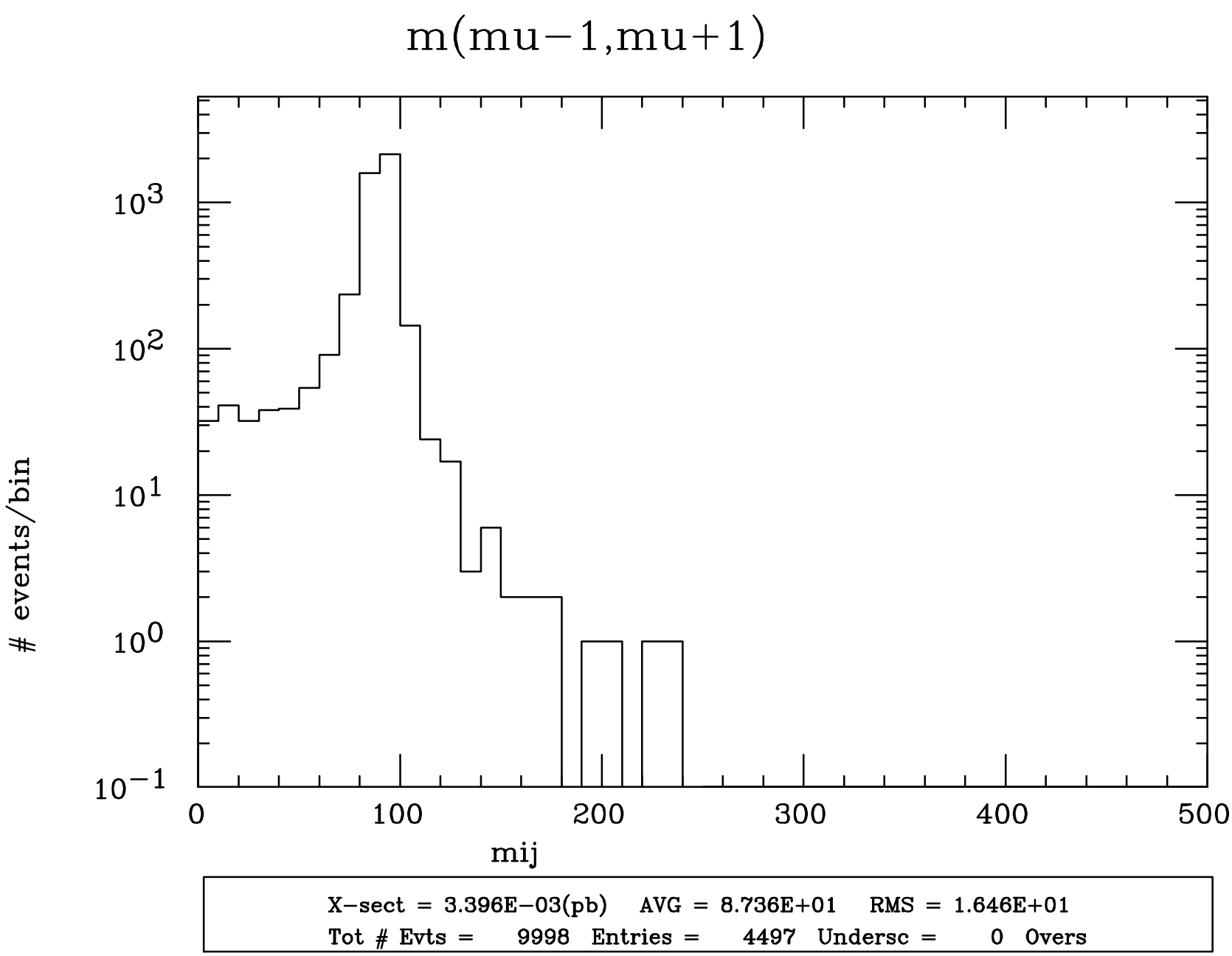

m(b2,e−1)
10^2
10^1
10^0
events/bin
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 7.312E+01 RMS = 4.443E+01
Tot # Evts = 9998 Entries = 511 Undersc = 0 Overs

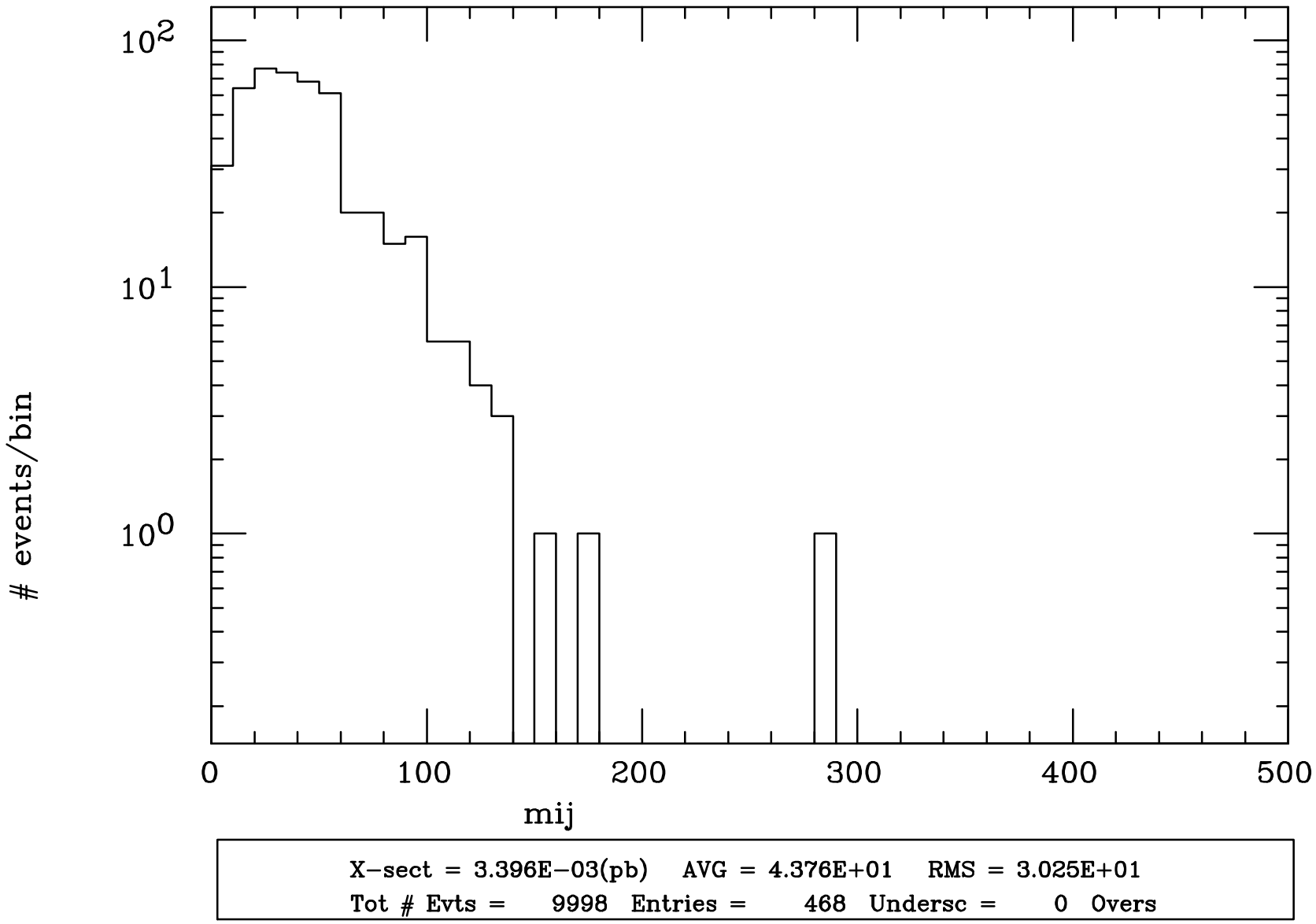

m(b1,e+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 1.095E+02 RMS = 6.608E+01
Tot # Evts = 9998 Entries = 1999 Undersc = 0 Overs

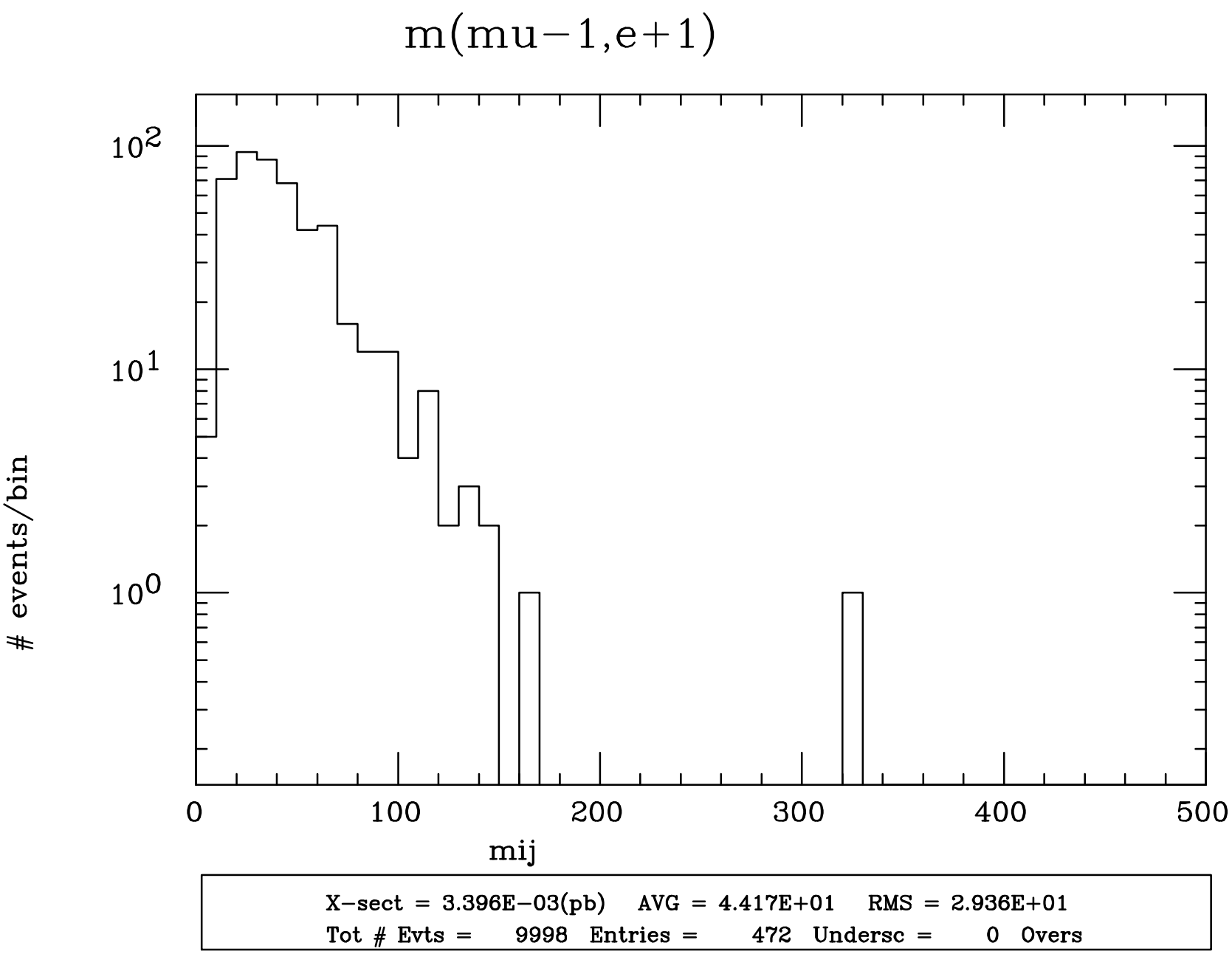

m(b2,e+1)
10^2
10^1
10^0
events/bin
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 7.433E+01 RMS = 4.515E+01
Tot # Evts = 9998 Entries = 535 Undersc = 0 Overs

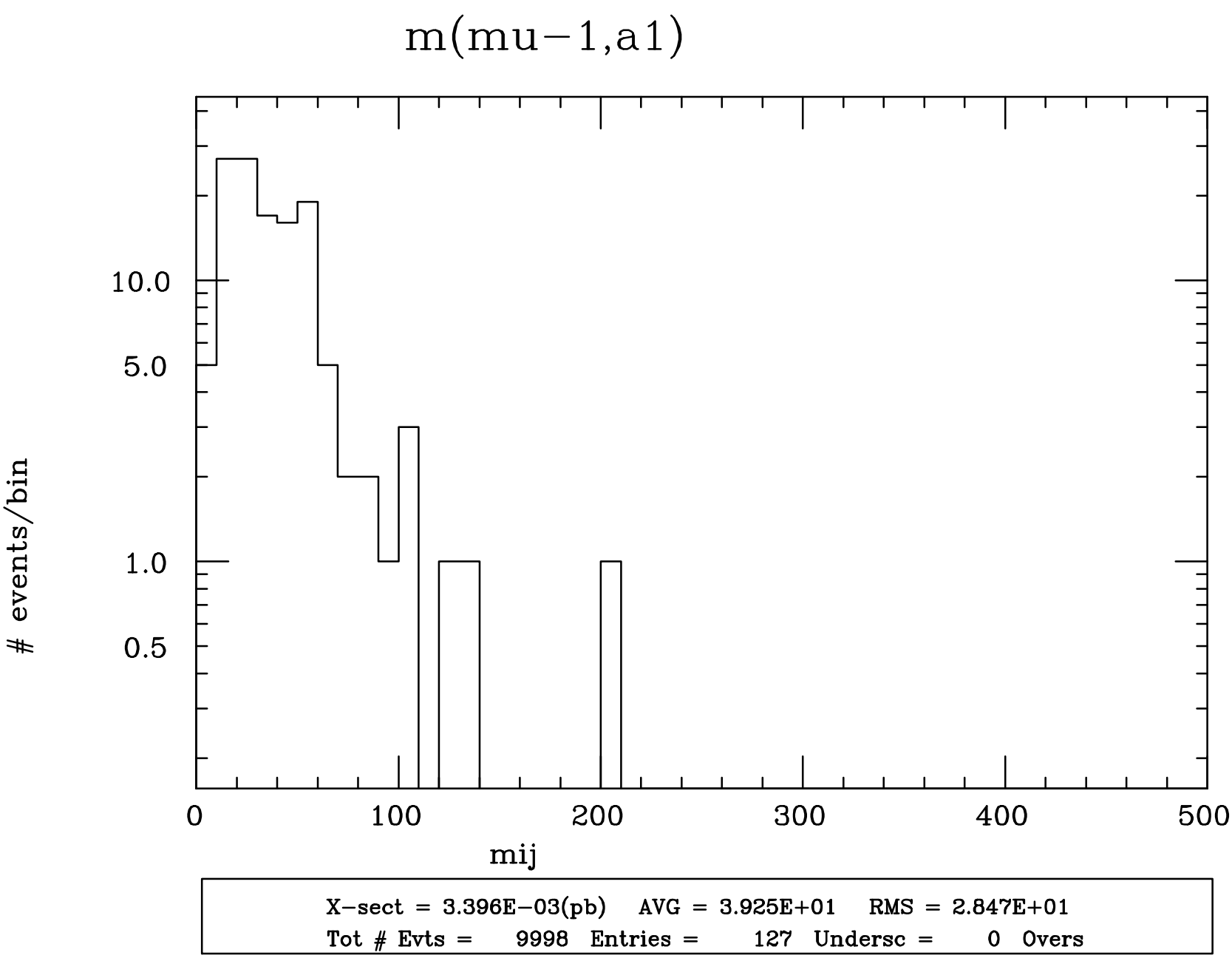

m(b1,a1)
# events/bin
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 7.199E+01 RMS = 4.905E+01
Tot # Evts = 9998 Entries = 206 Undersc = 0 Overs

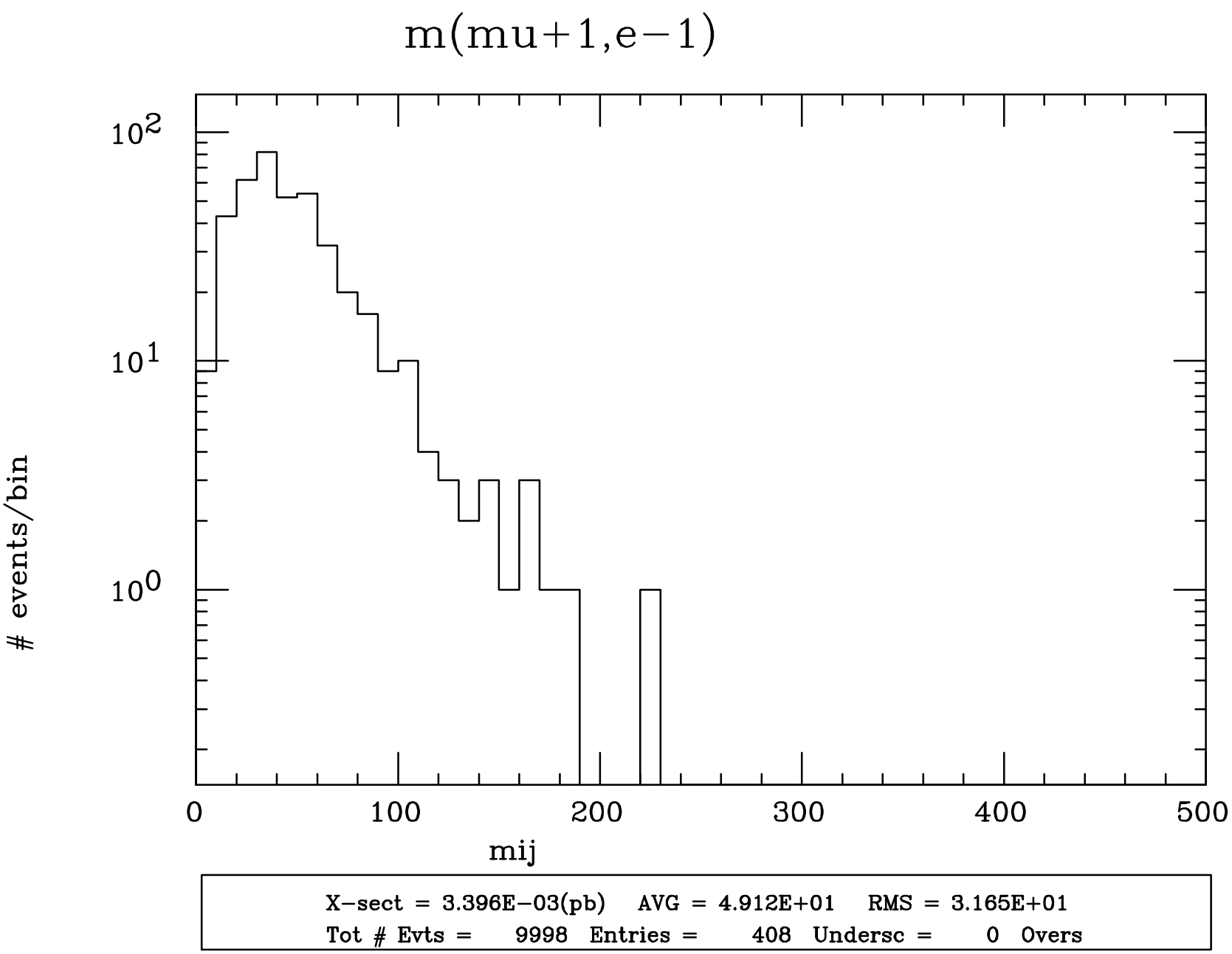

m(b2,a1)
10.0
5.0
1.0
0.5
events/bin
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 4.908E+01 RMS = 3.245E+01
Tot # Evts = 9998 Entries = 49 Undersc = 0 Overs

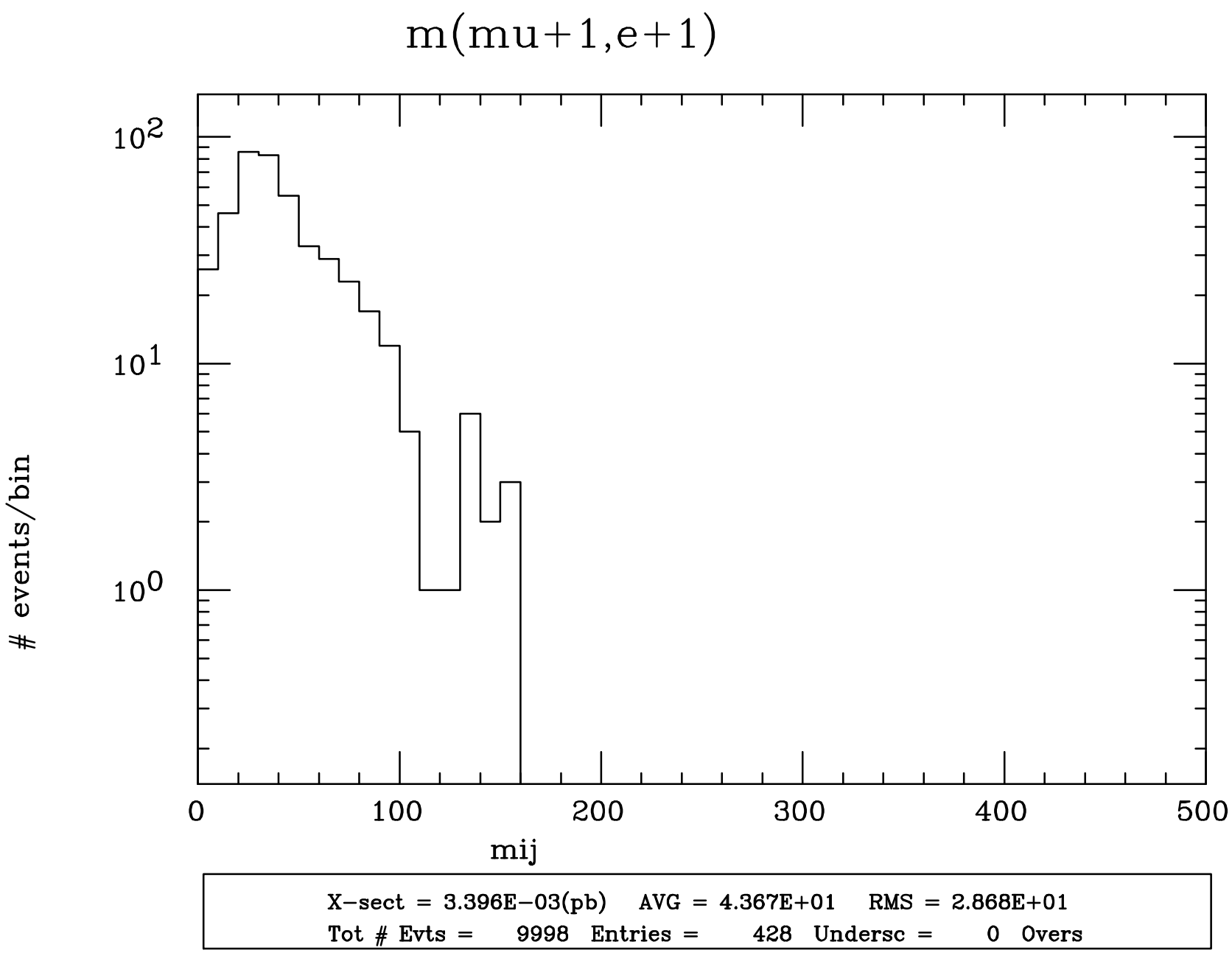

m(mu−1,mu+1)
# events/bin
10^3
10^2
10^1
10^0
10^{-1}
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 8.736E+01 RMS = 1.646E+01
Tot # Evts = 9998 Entries = 4497 Undersc = 0 Overs

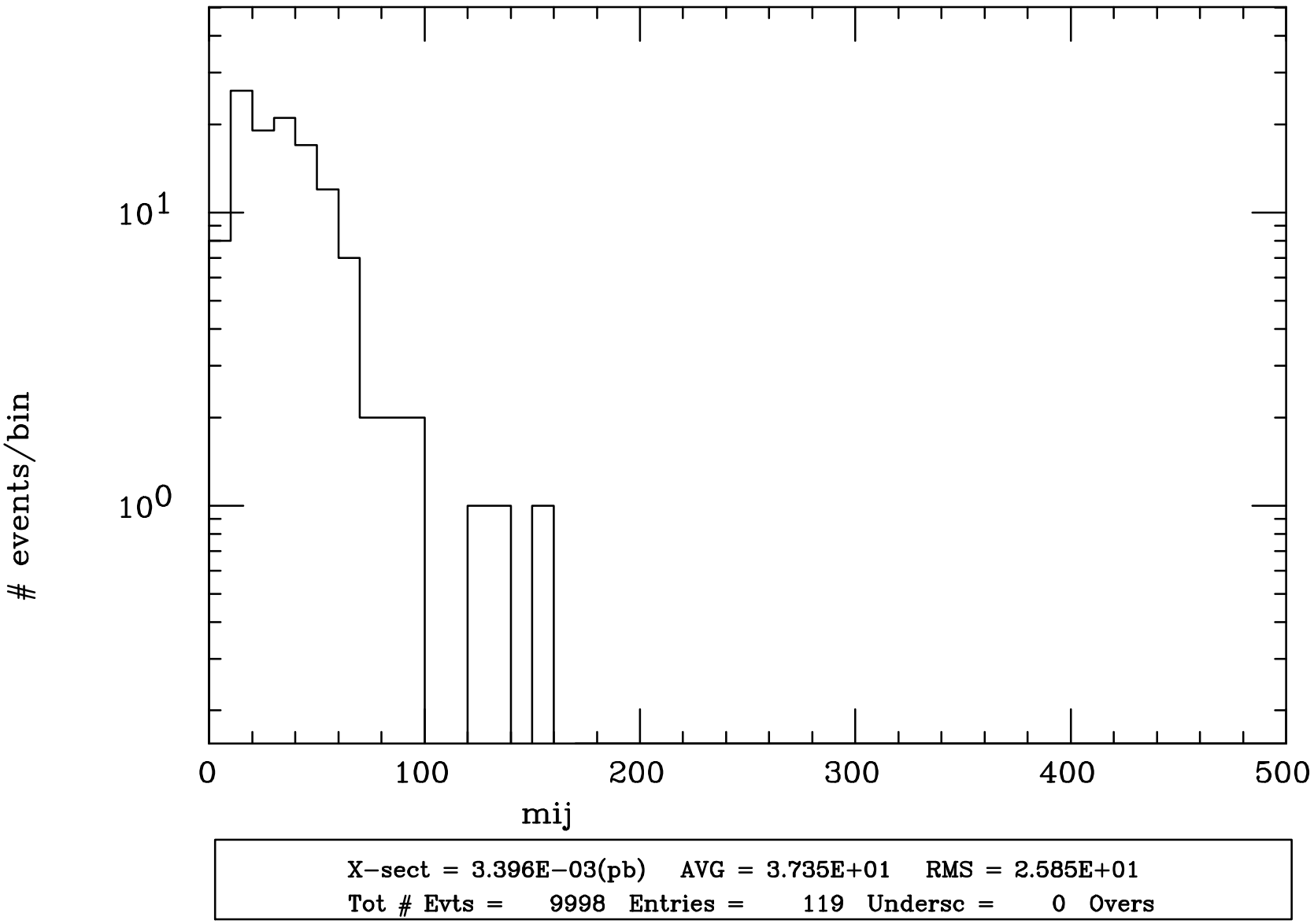

m(mu−1,e−1)
10^2
10^1
10^0
events/bin
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 4.376E+01 RMS = 3.025E+01
Tot # Evts = 9998 Entries = 468 Undersc = 0 Overs

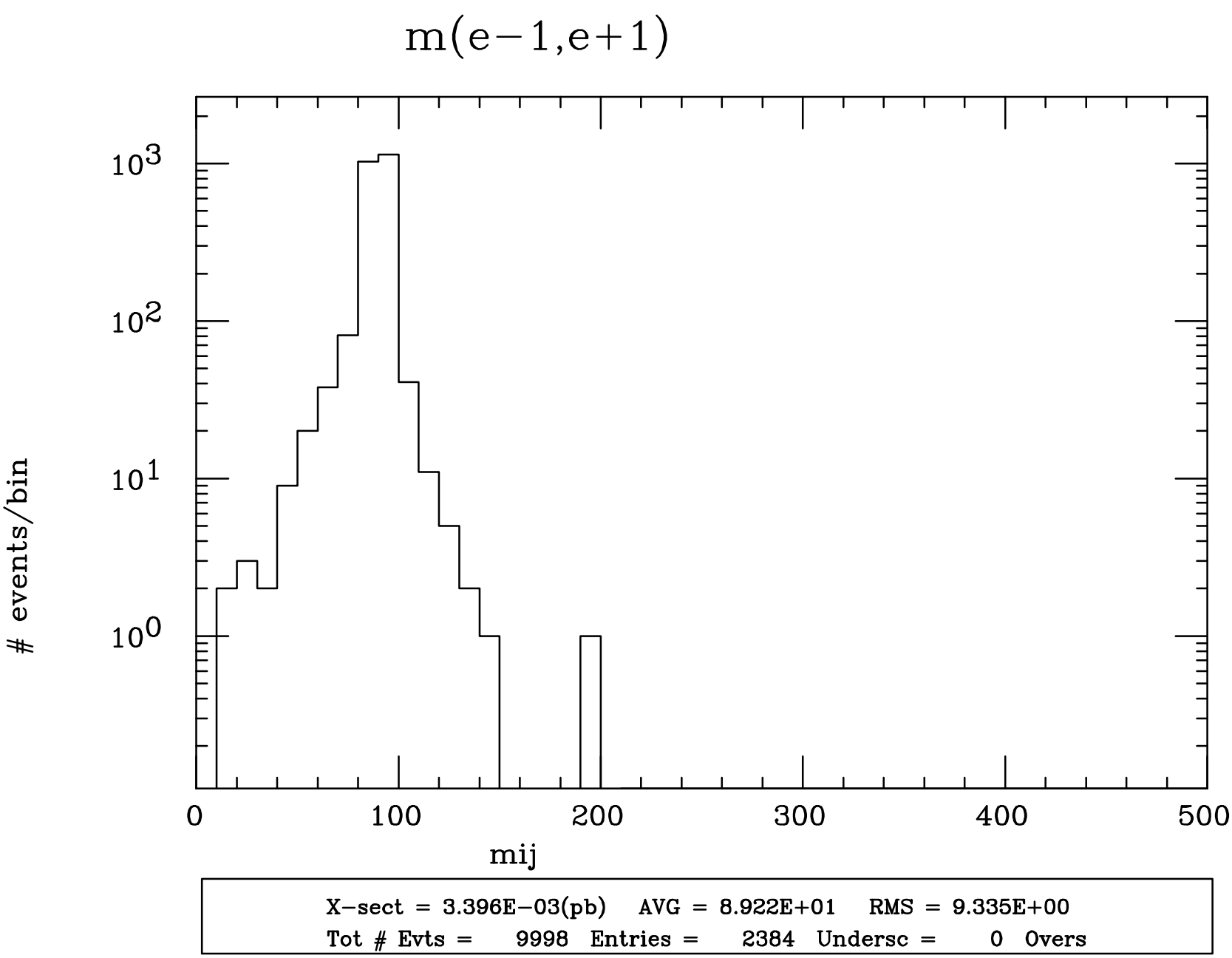

m(mu−1,e+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 4.417E+01 RMS = 2.936E+01
Tot # Evts = 9998 Entries = 472 Undersc = 0 Overs

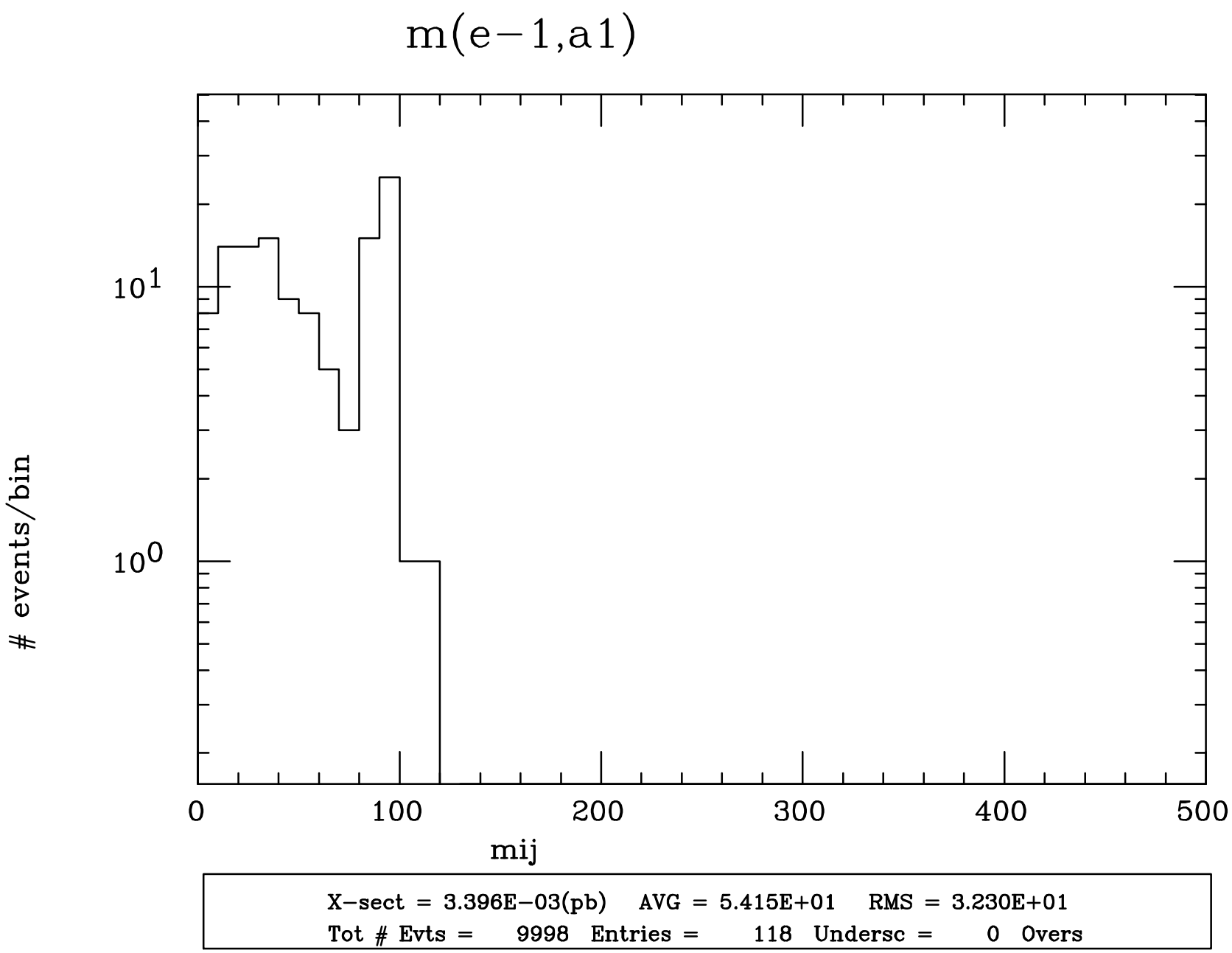

m(mu−1,a1)
# events/bin
10.0
5.0
1.0
0.5
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 3.925E+01 RMS = 2.847E+01
Tot # Evts = 9998 Entries = 127 Undersc = 0 Overs

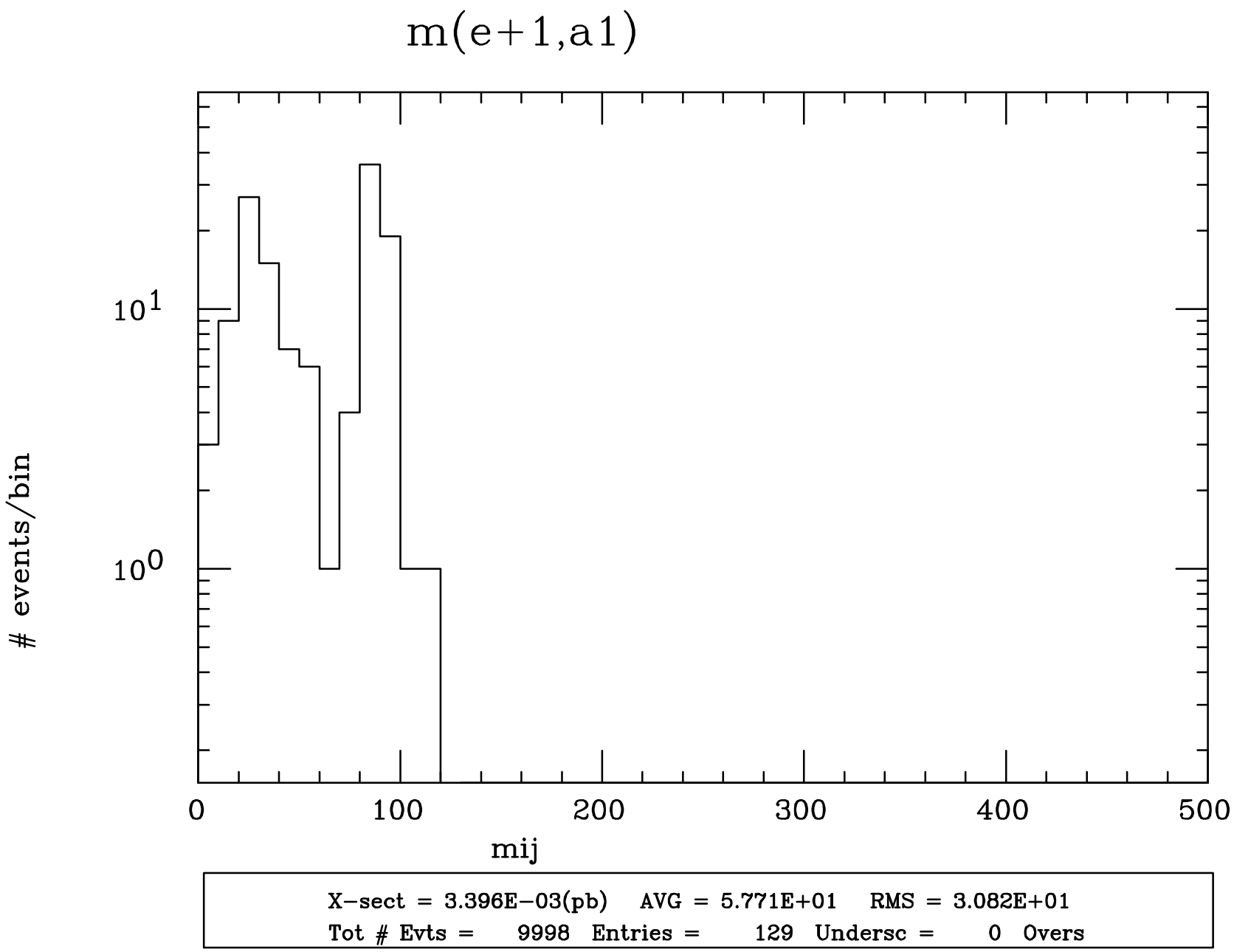

m(mu+1,e−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 4.912E+01 RMS = 3.165E+01
Tot # Evts = 9998 Entries = 408 Undersc = 0 Overs


m(mu+1,e+1)
10^2
10^1
10^0
events/bin
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 4.367E+01 RMS = 2.868E+01
Tot # Evts = 9998 Entries = 428 Undersc = 0 Overs


m(mu+1,a1)
# events/bin
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 3.735E+01 RMS = 2.585E+01
Tot # Evts = 9998 Entries = 119 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 = 8.922E+01 RMS = 9.335E+00
Tot # Evts = 9998 Entries = 2384 Undersc = 0 Overs


m(e−1,a1)
# events/bin
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 3.396E−03(pb) AVG = 5.415E+01 RMS = 3.230E+01
Tot # Evts = 9998 Entries = 118 Undersc = 0 Overs


m(e+1,a1)
# events/bin
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 3.396E-03(pb) AVG = 5.771E+01 RMS = 3.082E+01
Tot # Evts = 9998 Entries = 129 Undersc = 0 Overs