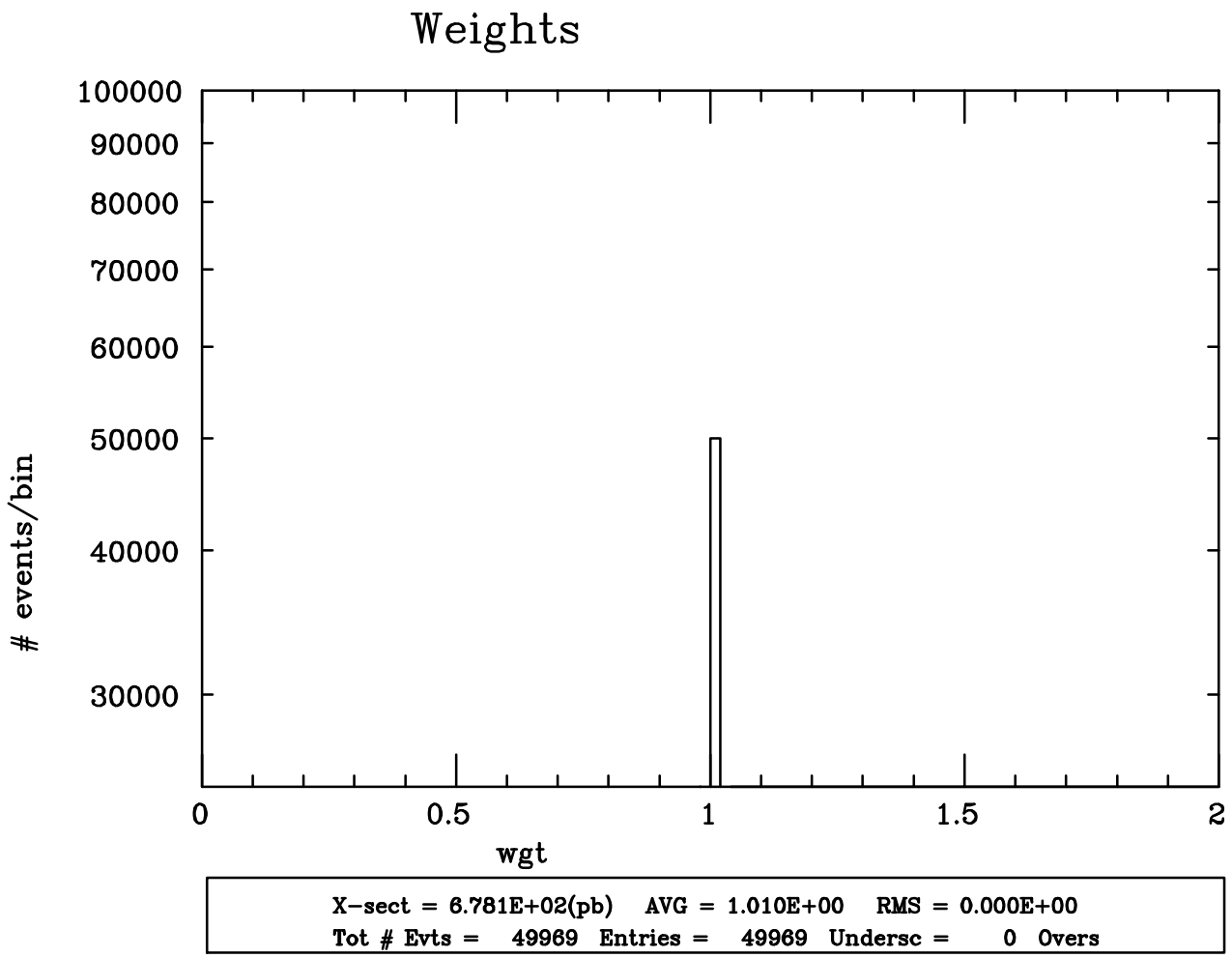
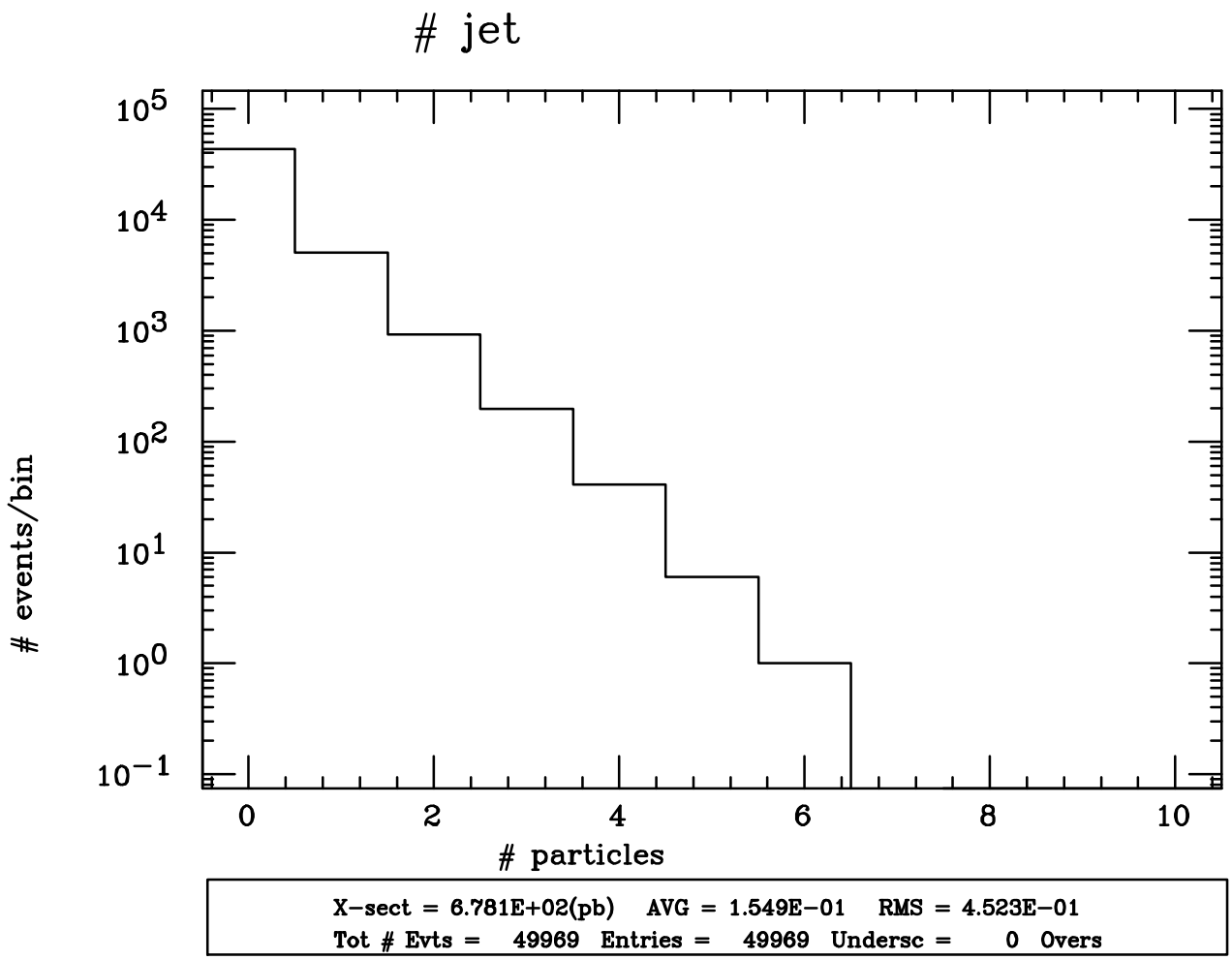
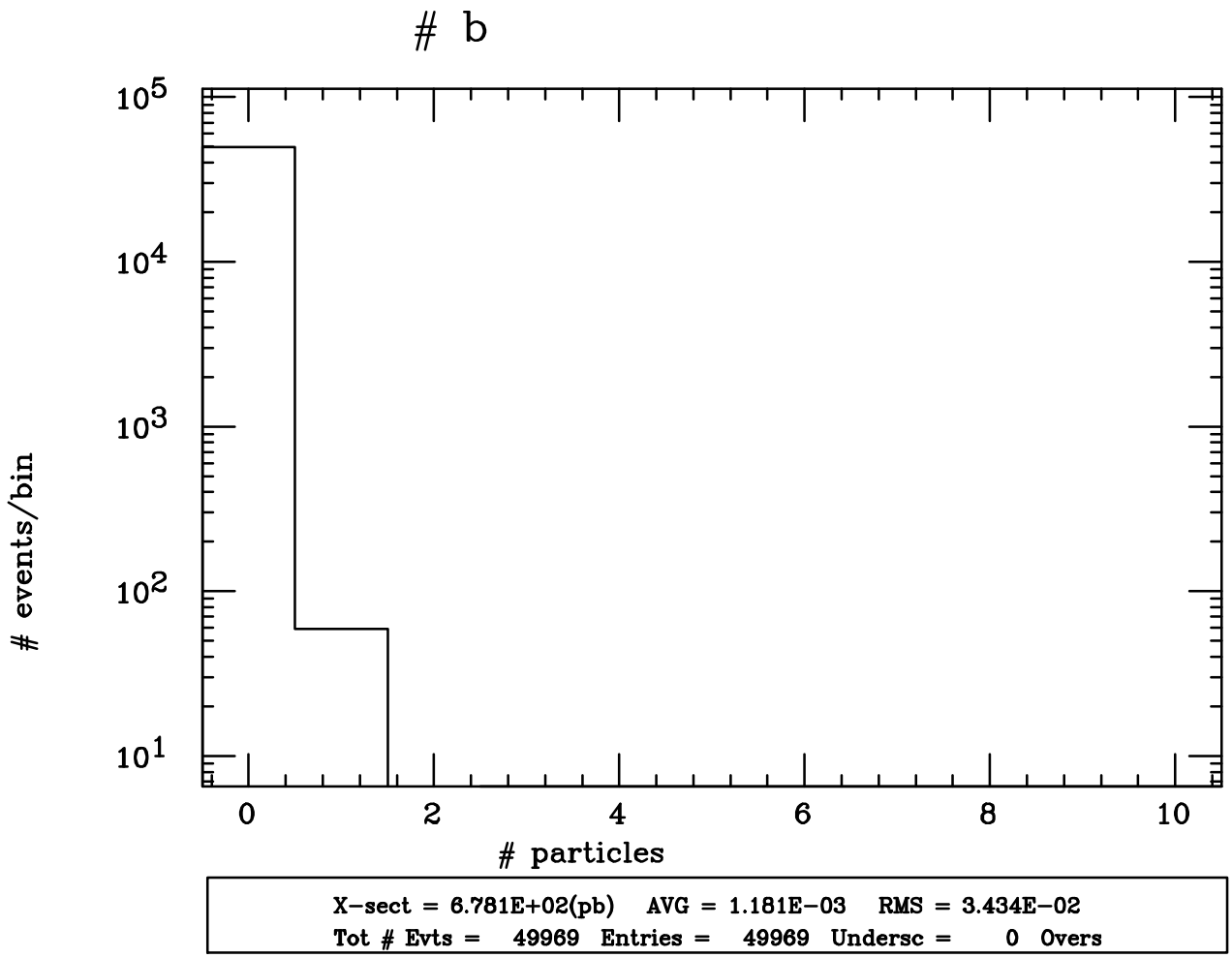
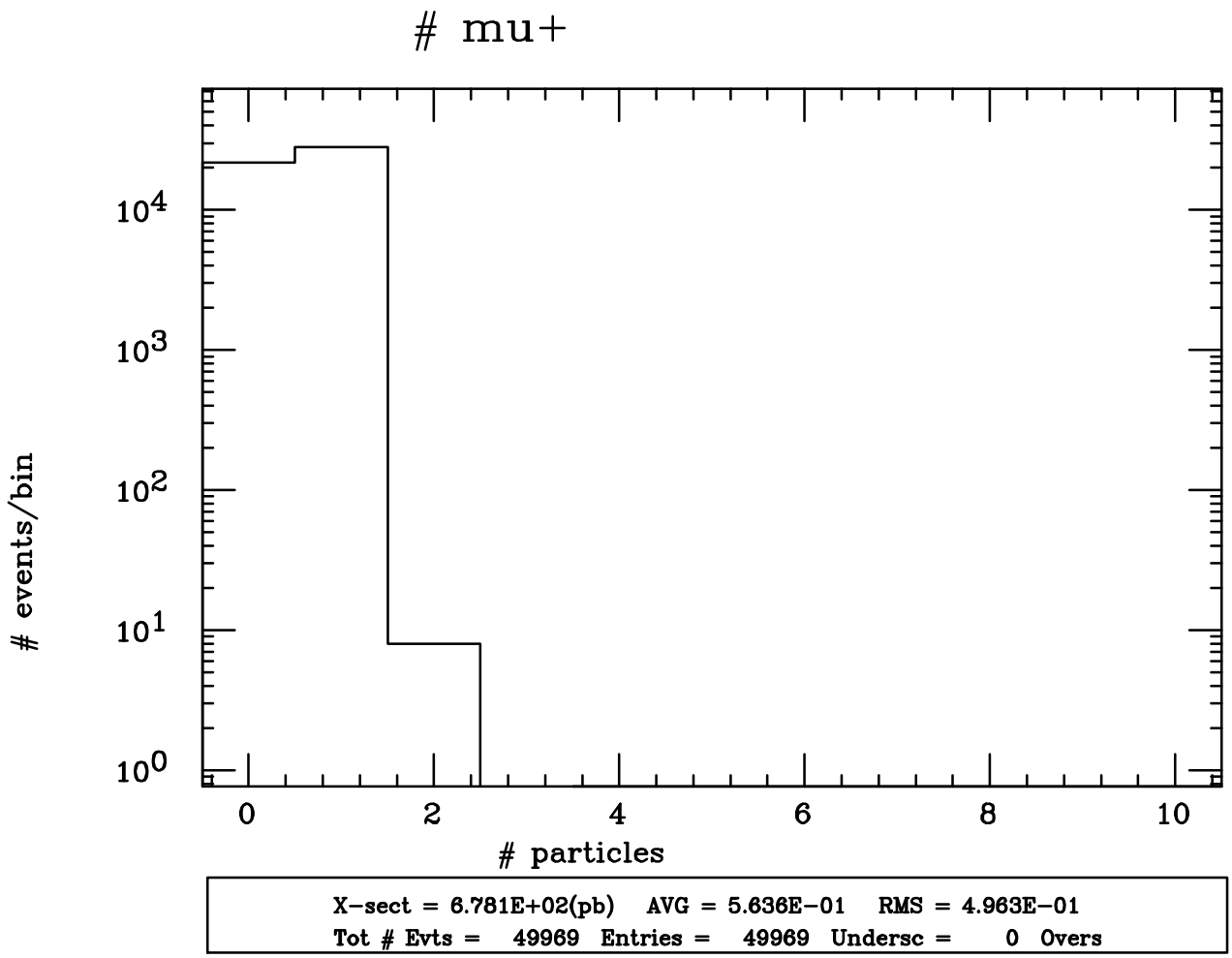
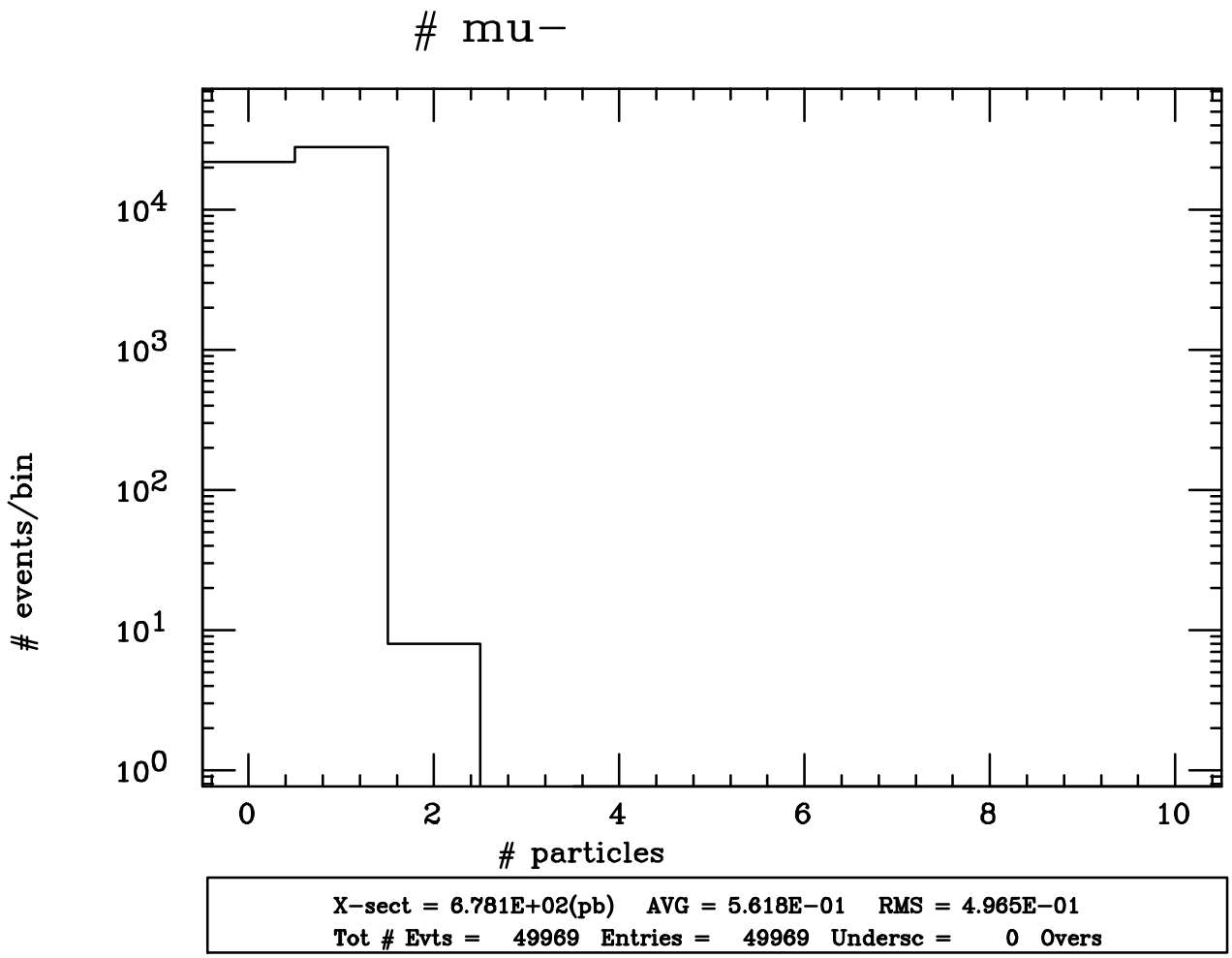
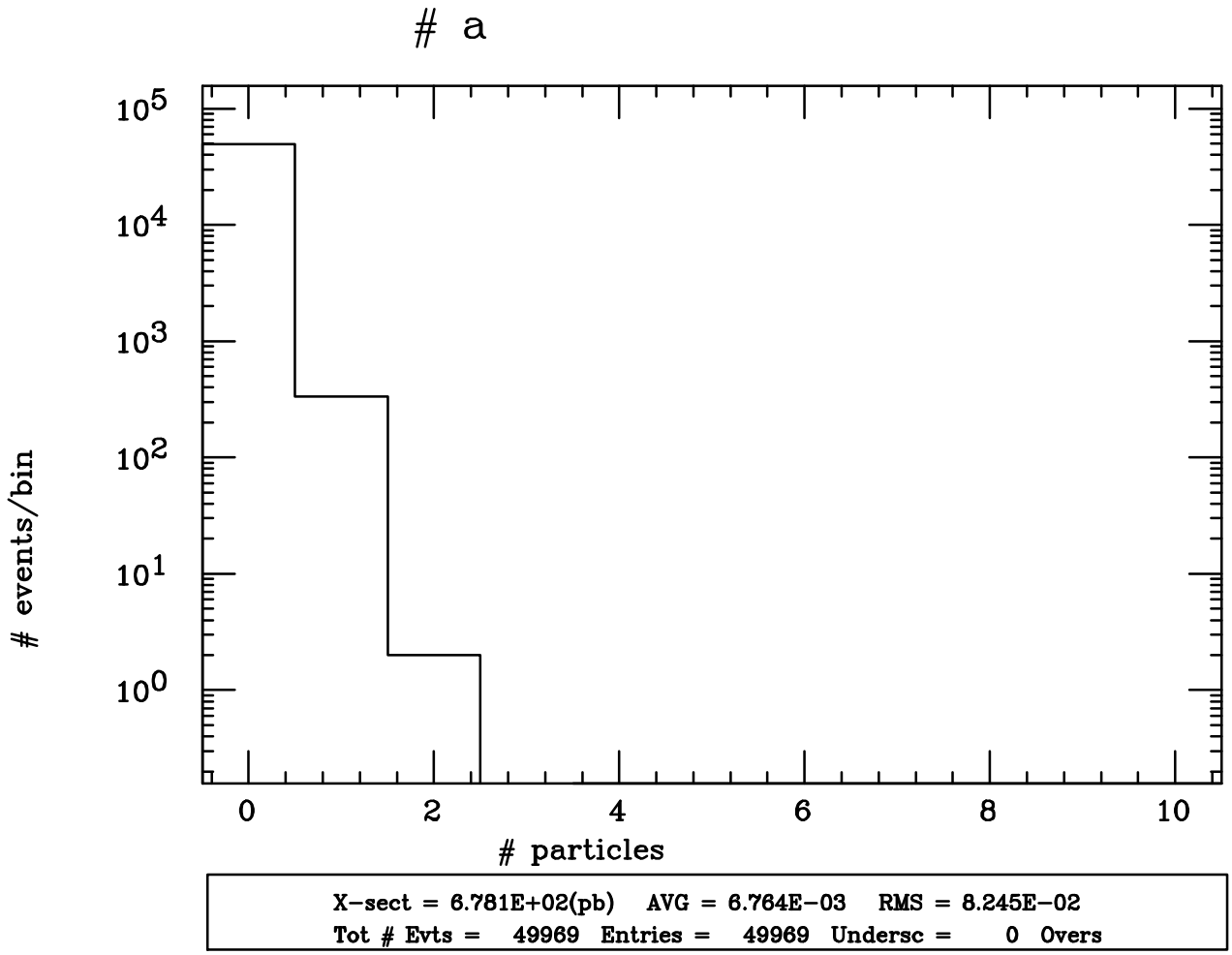

Weights
100000
90000
80000
70000
60000
50000
40000
30000
events/bin
0
0.5
1
1.5
2
wgt
X-sect = 6.781E+02(pb) AVG = 1.010E+00 RMS = 0.000E+00
Tot # Evts = 49969 Entries = 49969 Undersc = 0 Overs

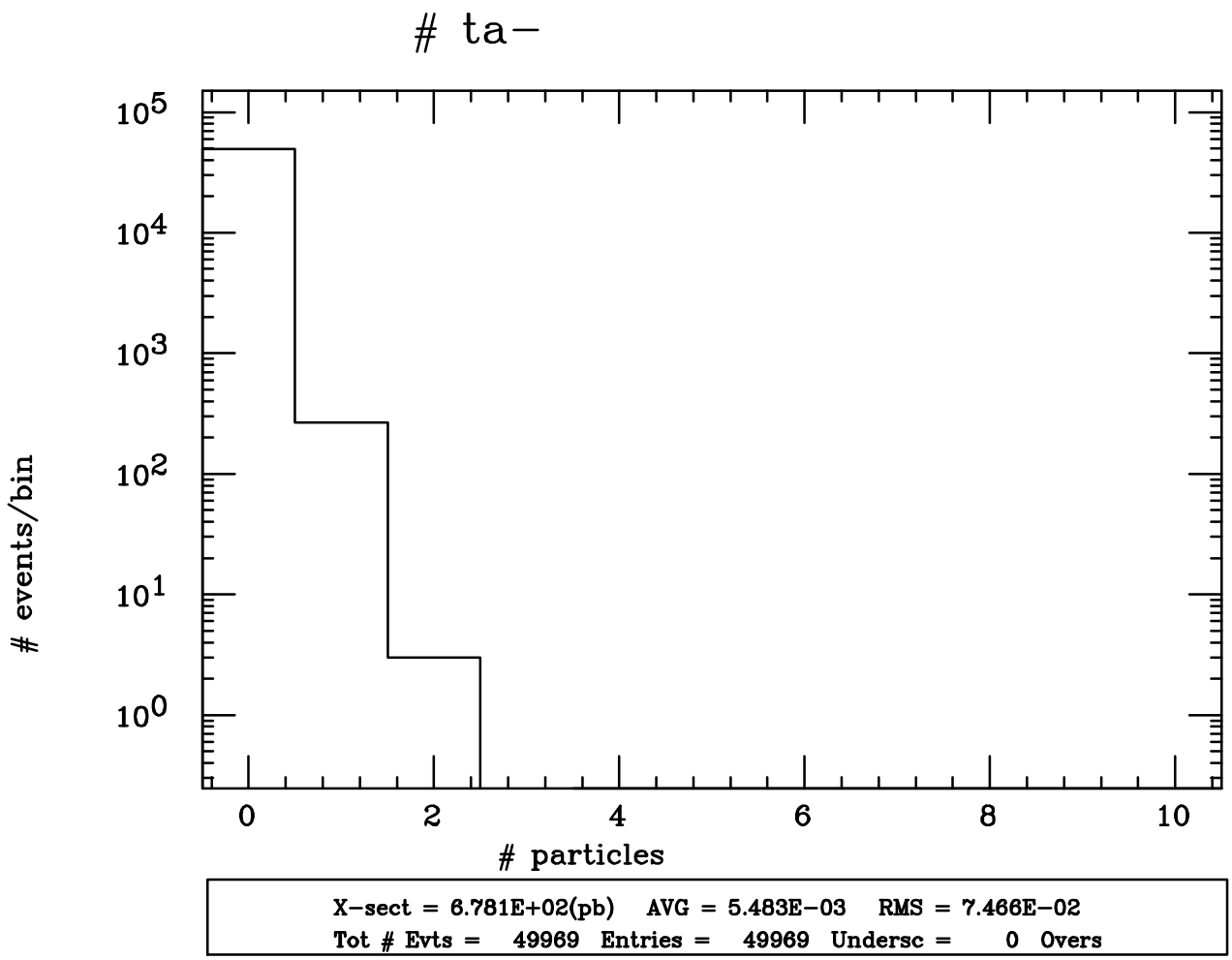

jet
events/bin
10^5
10^4
10^3
10^2
10^1
10^0
10^{-1}
0
2
4
6
8
10
particles
X-sect = 6.781E+02(pb) AVG = 1.549E-01 RMS = 4.523E-01
Tot # Evts = 49969 Entries = 49969 Undersc = 0 Overs

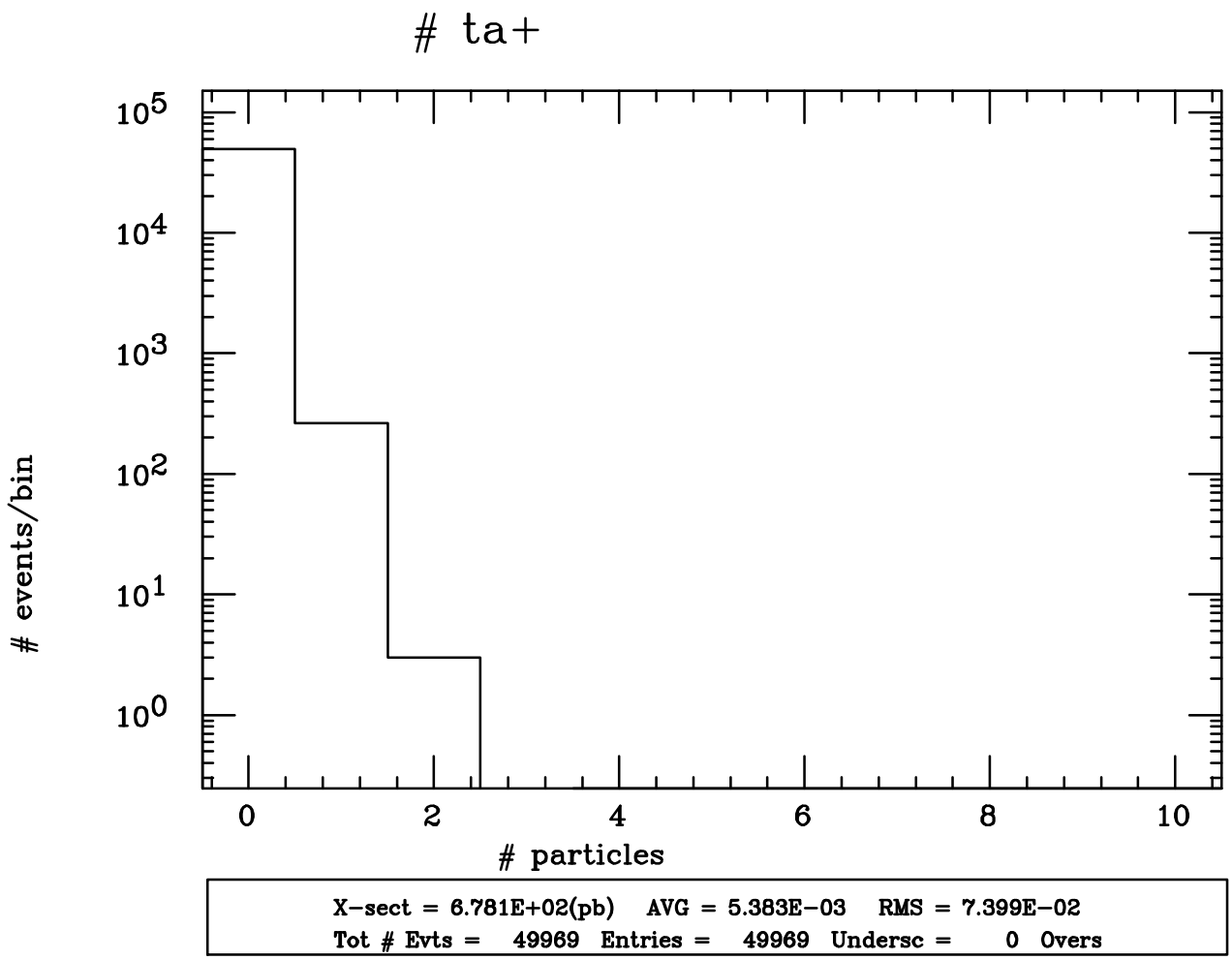

b
events/bin
10^5
10^4
10^3
10^2
10^1
0
2
4
6
8
10
particles
X-sect = 6.781E+02(pb) AVG = 1.181E-03 RMS = 3.434E-02
Tot # Evts = 49969 Entries = 49969 Undersc = 0 Overs

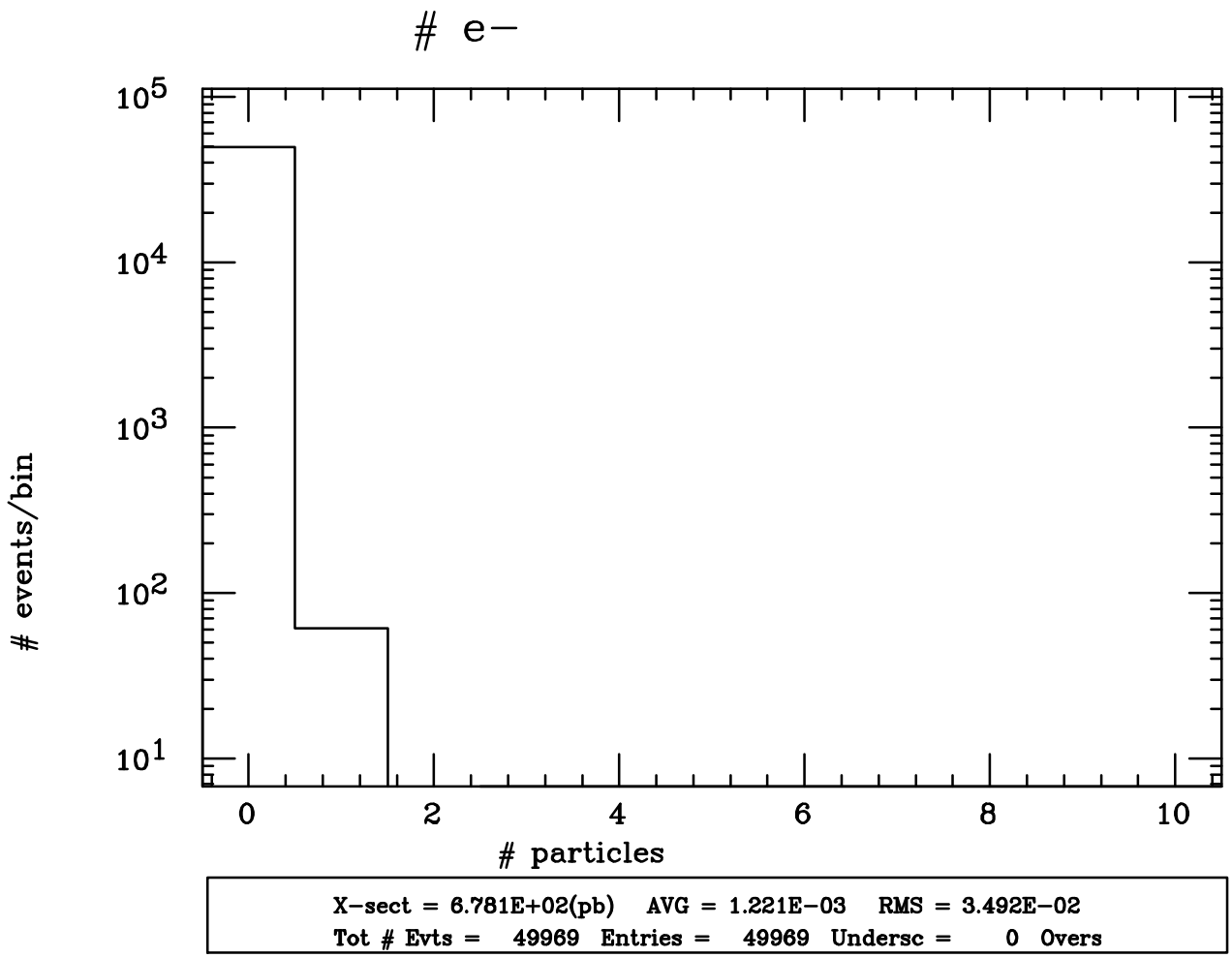

mu+
events/bin
10^4
10^3
10^2
10^1
10^0
0
2
4
6
8
10
particles
X-sect = 6.781E+02(pb) AVG = 5.636E-01 RMS = 4.963E-01
Tot # Evts = 49969 Entries = 49969 Undersc = 0 Overs

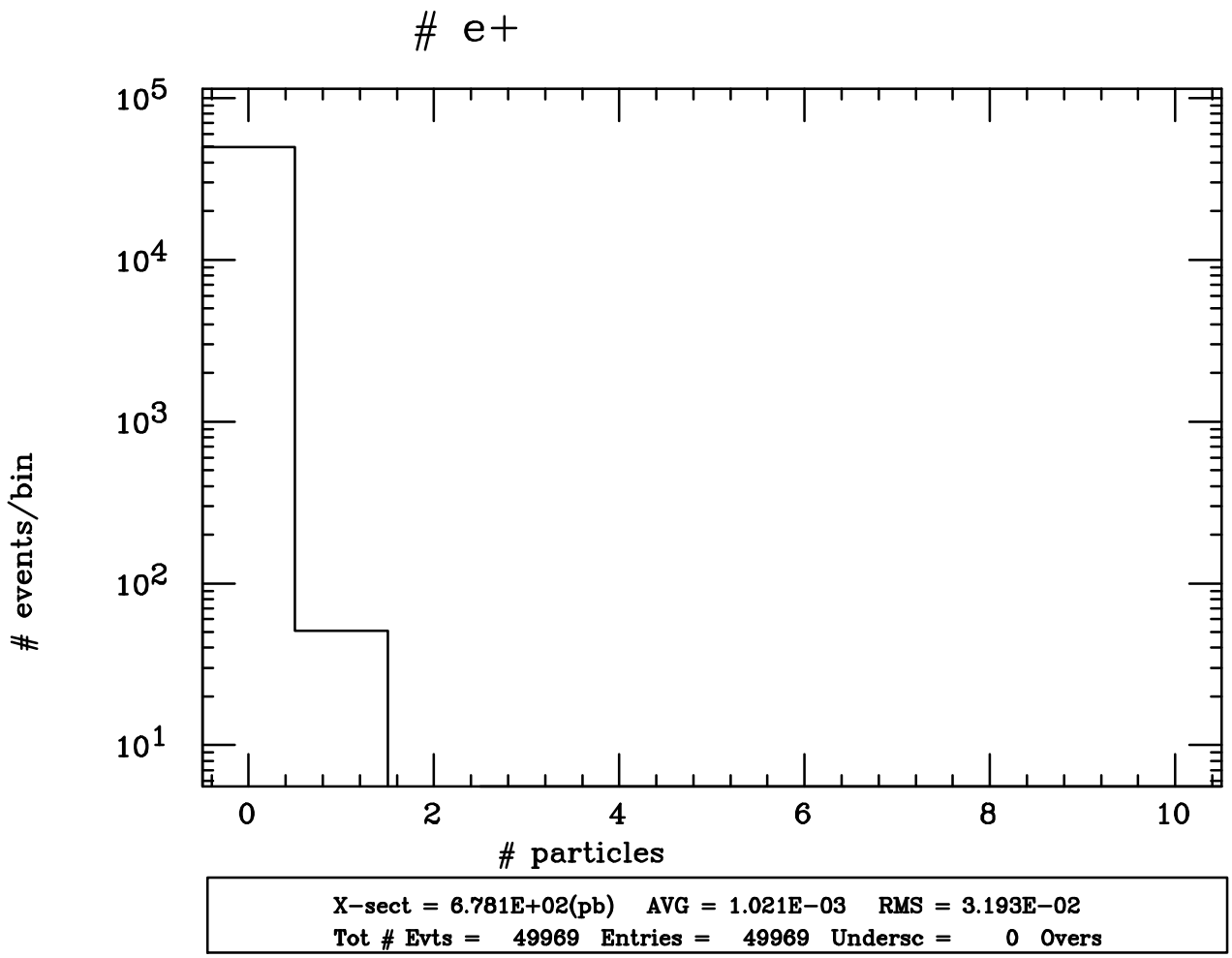

mu-
events/bin
10^4
10^3
10^2
10^1
10^0
0
2
4
6
8
10
particles
X-sect = 6.781E+02(pb) AVG = 5.618E-01 RMS = 4.965E-01
Tot # Evts = 49969 Entries = 49969 Undersc = 0 Overs

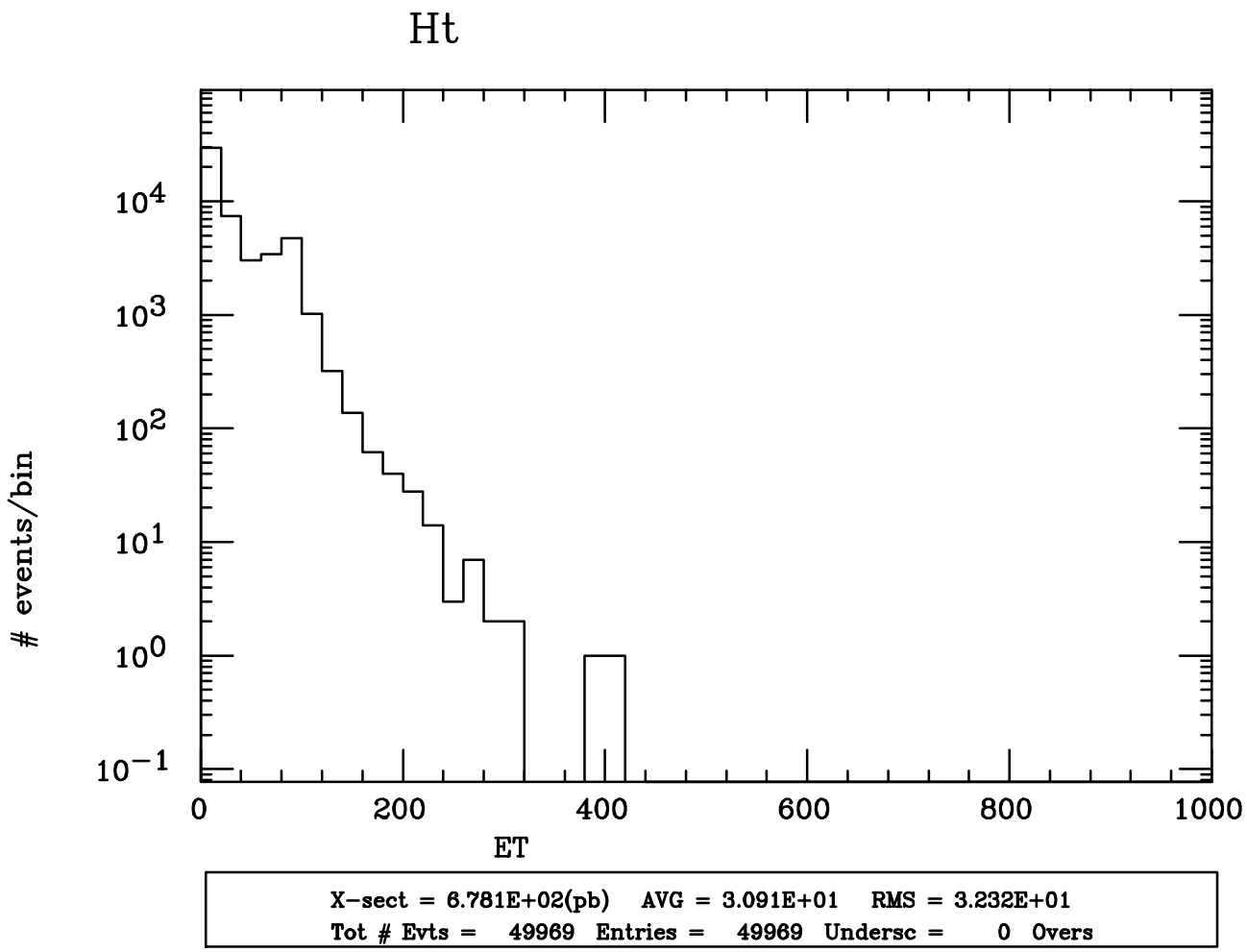

a
events/bin
10^5
10^4
10^3
10^2
10^1
10^0
0
2
4
6
8
10
particles
X-sect = 6.781E+02(pb) AVG = 6.764E-03 RMS = 8.245E-02
Tot # Evts = 49969 Entries = 49969 Undersc = 0 Overs

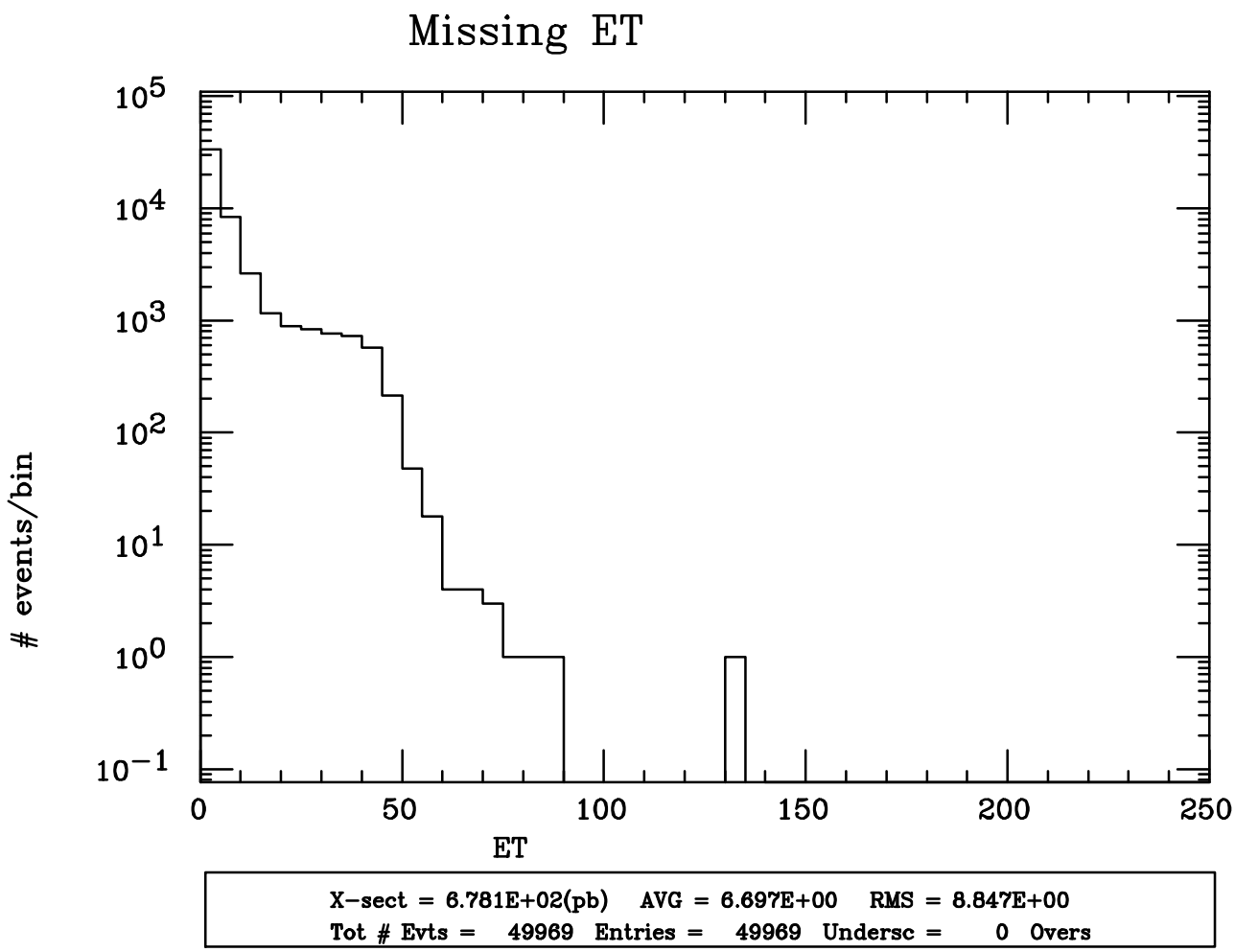

ta−
events/bin
10^5
10^4
10^3
10^2
10^1
10^0
0
2
4
6
8
10
particles
X−sect = 6.781E+02(pb) AVG = 5.483E−03 RMS = 7.466E−02
Tot # Evts = 49969 Entries = 49969 Undersc = 0 Overs

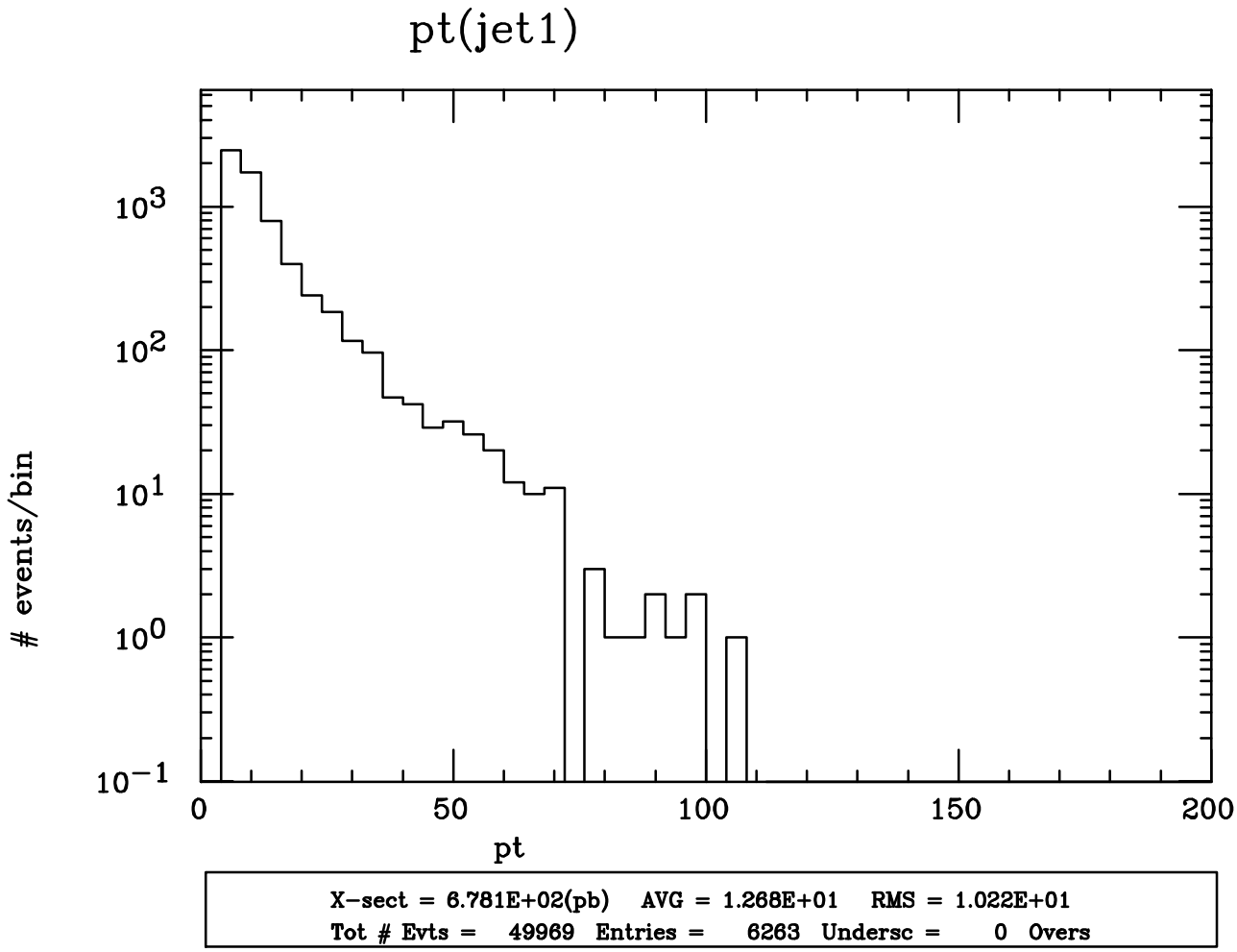

ta+
events/bin
10^5
10^4
10^3
10^2
10^1
10^0
0
2
4
6
8
10
particles
X-sect = 6.781E+02(pb) AVG = 5.383E-03 RMS = 7.399E-02
Tot # Evts = 49969 Entries = 49969 Undersc = 0 Overs

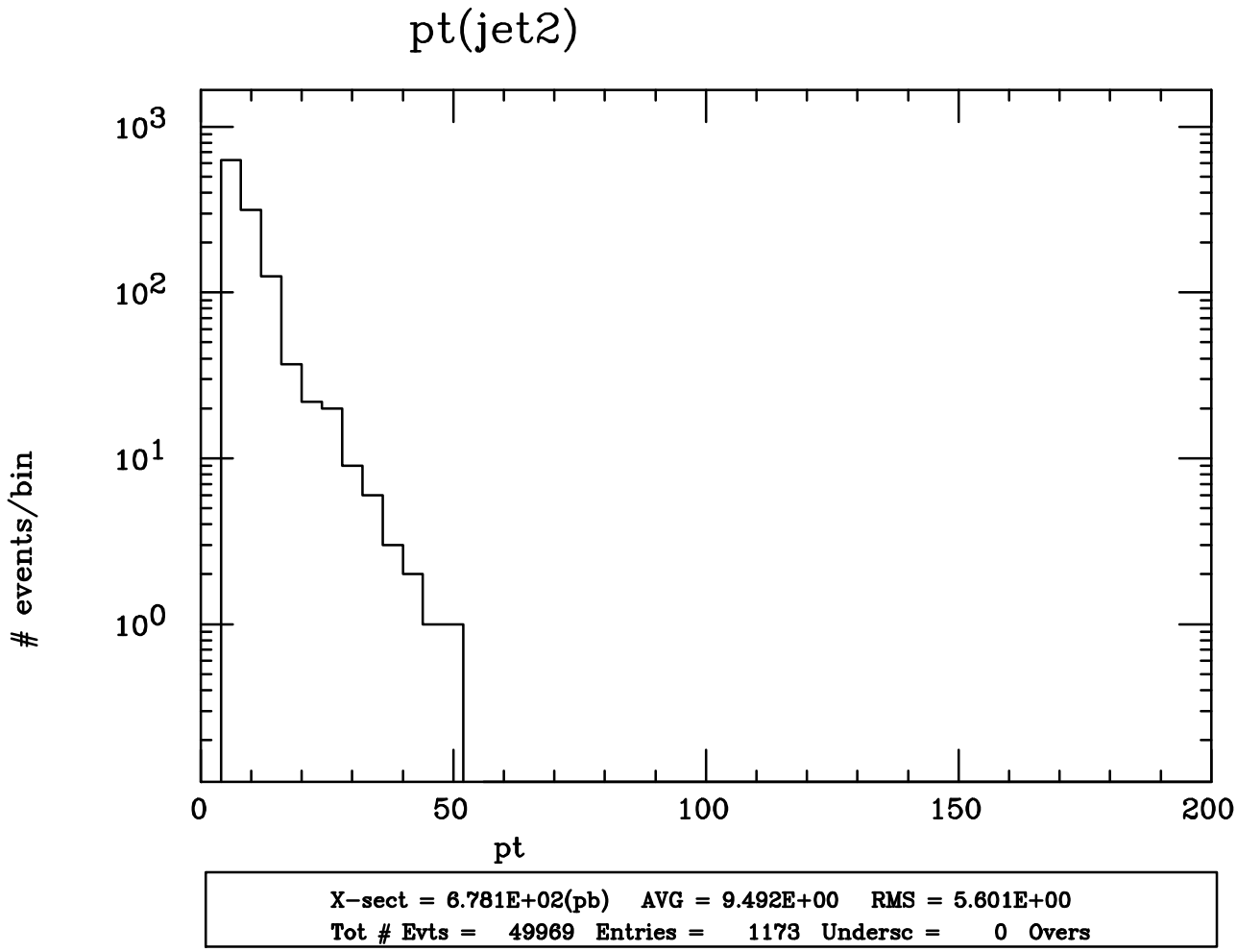

e−
10^5
10^4
10^3
10^2
10^1
events/bin
0
2
4
6
8
10
particles
X−sect = 6.781E+02(pb) AVG = 1.221E−03 RMS = 3.492E−02
Tot # Evts = 49969 Entries = 49969 Undersc = 0 Overs

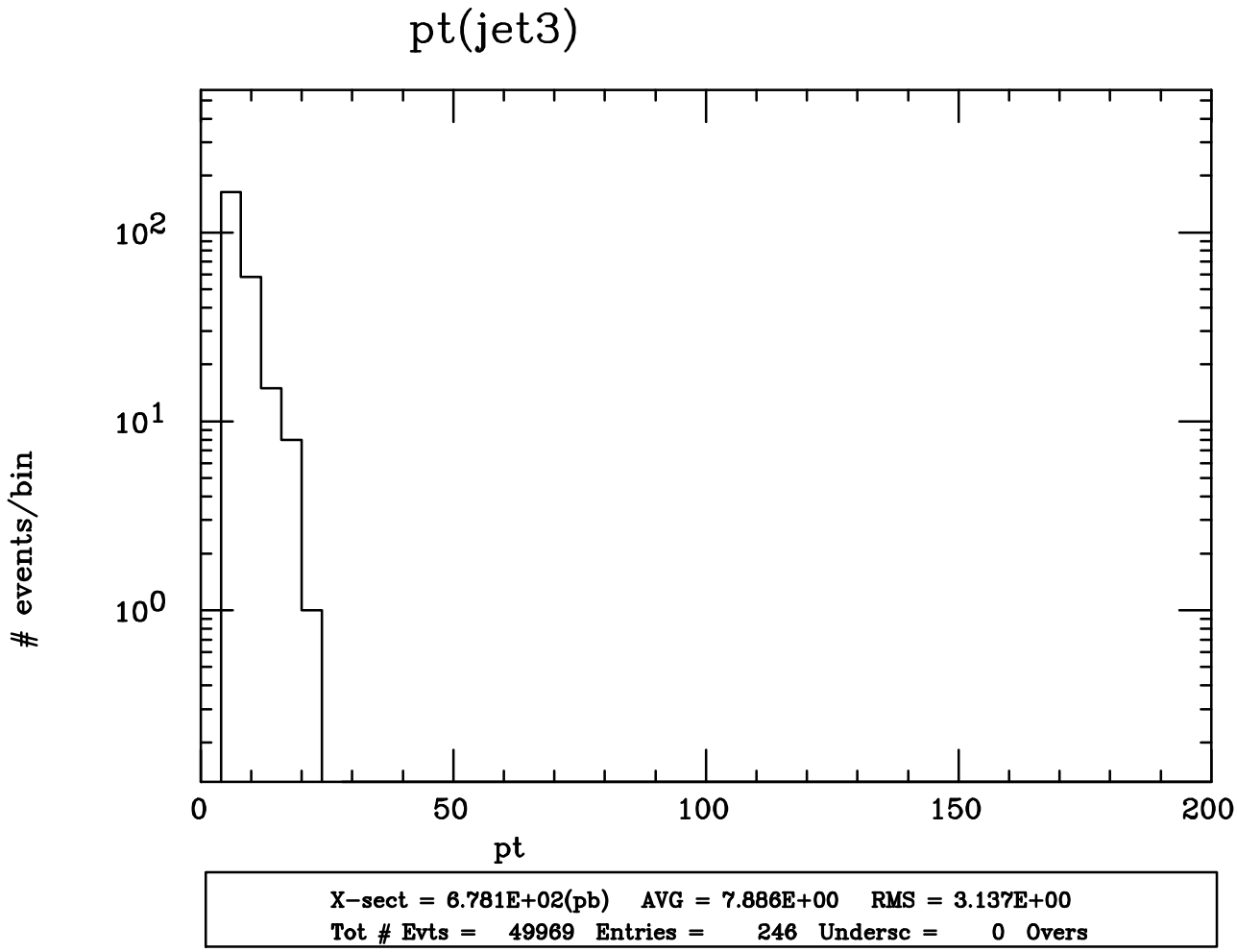

e+
events/bin
10^5
10^4
10^3
10^2
10^1
0
2
4
6
8
10
particles
X-sect = 6.781E+02(pb) AVG = 1.021E-03 RMS = 3.193E-02
Tot # Evts = 49969 Entries = 49969 Undersc = 0 Overs

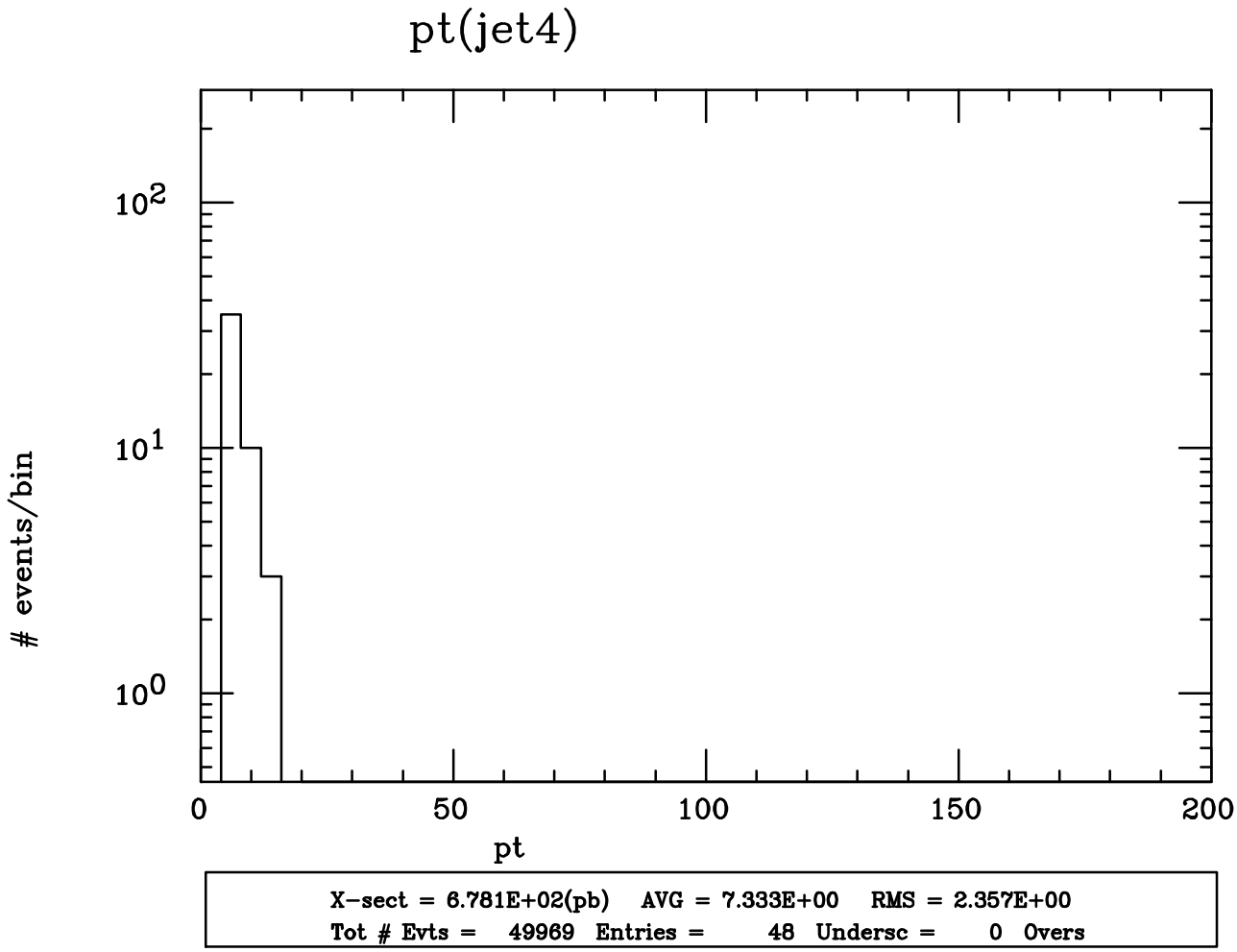

Ht
events/bin
10^4
10^3
10^2
10^1
10^0
10^{-1}
0
200
400
600
800
1000
ET
X-sect = 6.781E+02(pb) AVG = 3.091E+01 RMS = 3.232E+01
Tot # Evts = 49969 Entries = 49969 Undersc = 0 Overs

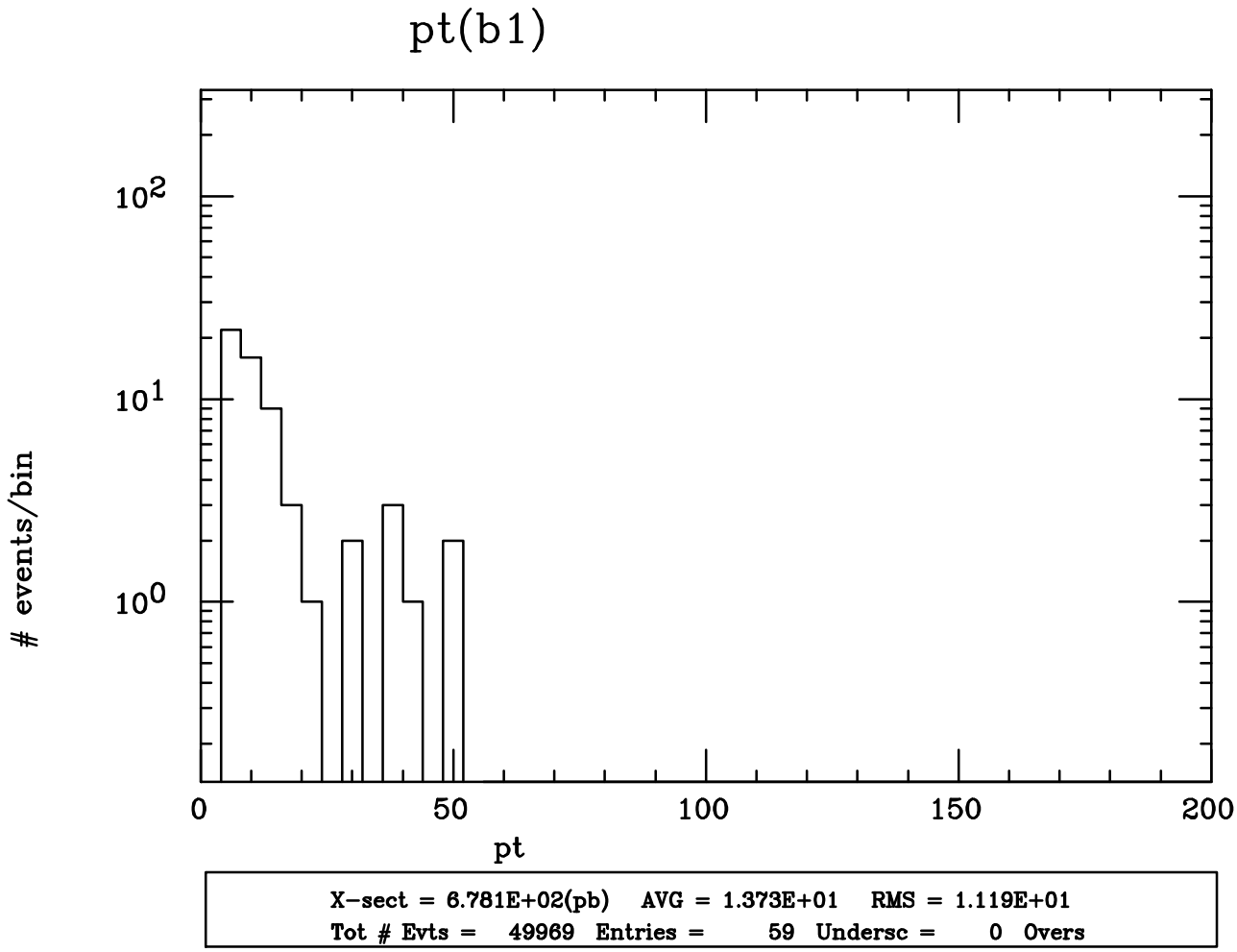

Missing ET
events/bin
10^5
10^4
10^3
10^2
10^1
10^0
10^{-1}
0
50
100
150
200
250
ET
X-sect = 6.781E+02(pb) AVG = 6.697E+00 RMS = 8.847E+00
Tot # Evts = 49969 Entries = 49969 Undersc = 0 Overs

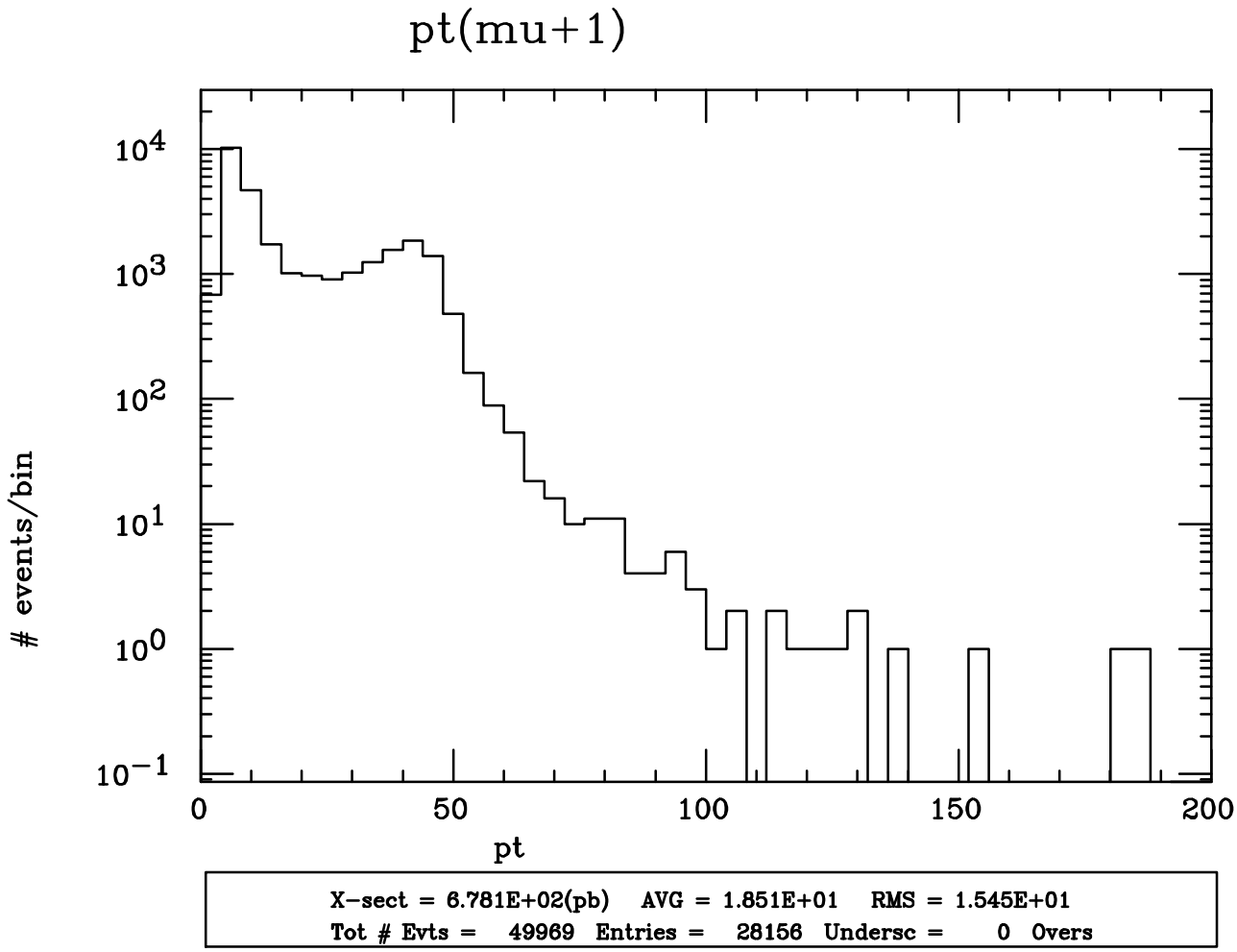

pt(jet1)
# events/bin
10^3
10^2
10^1
10^0
10^{-1}
0
50
100
150
200
pt
X-sect = 6.781E+02(pb) AVG = 1.268E+01 RMS = 1.022E+01
Tot # Evts = 49969 Entries = 6263 Undersc = 0 Overs

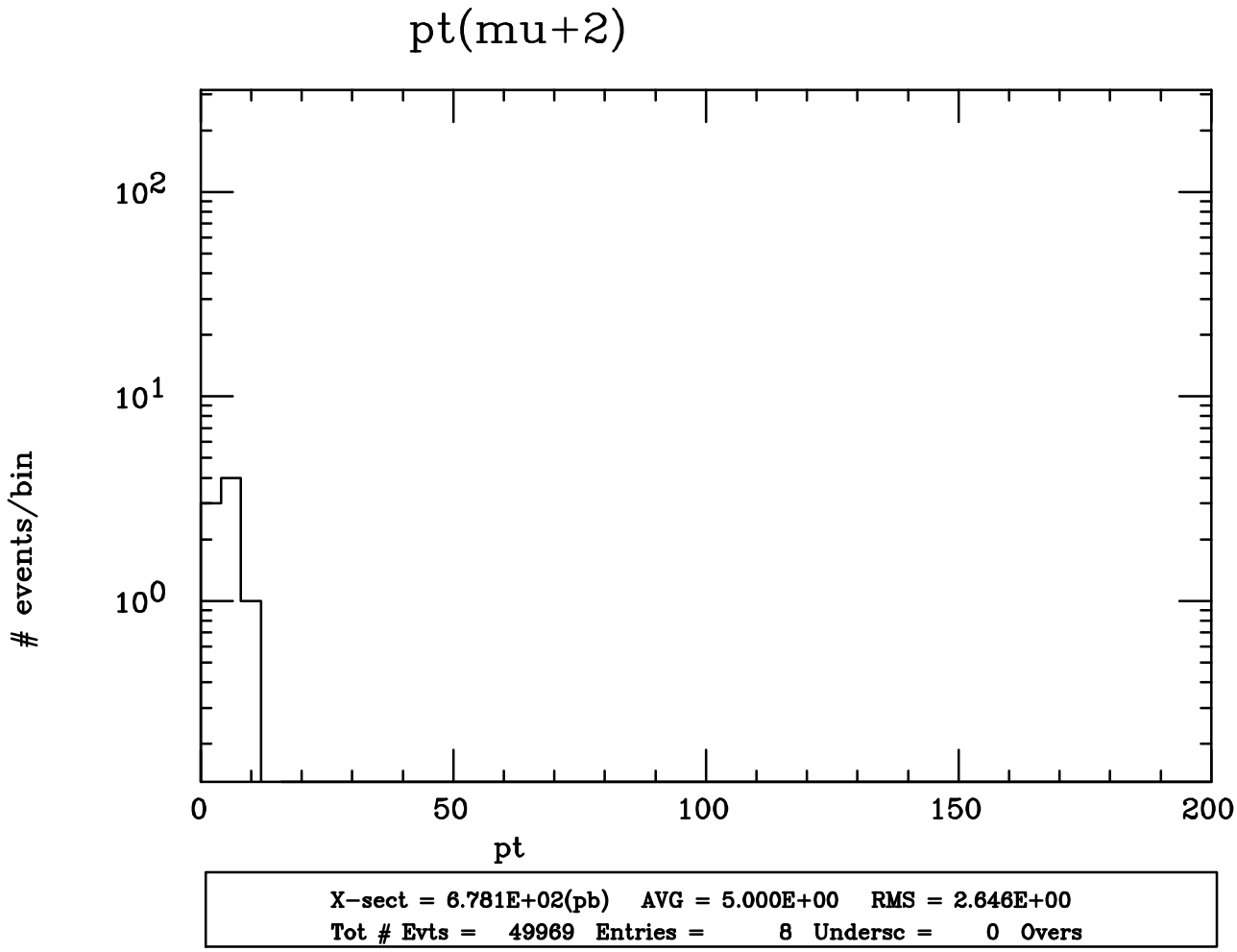

pt(jet2)
# events/bin
10^3
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 6.781E+02(pb) AVG = 9.492E+00 RMS = 5.601E+00
Tot # Evts = 49969 Entries = 1173 Undersc = 0 Overs

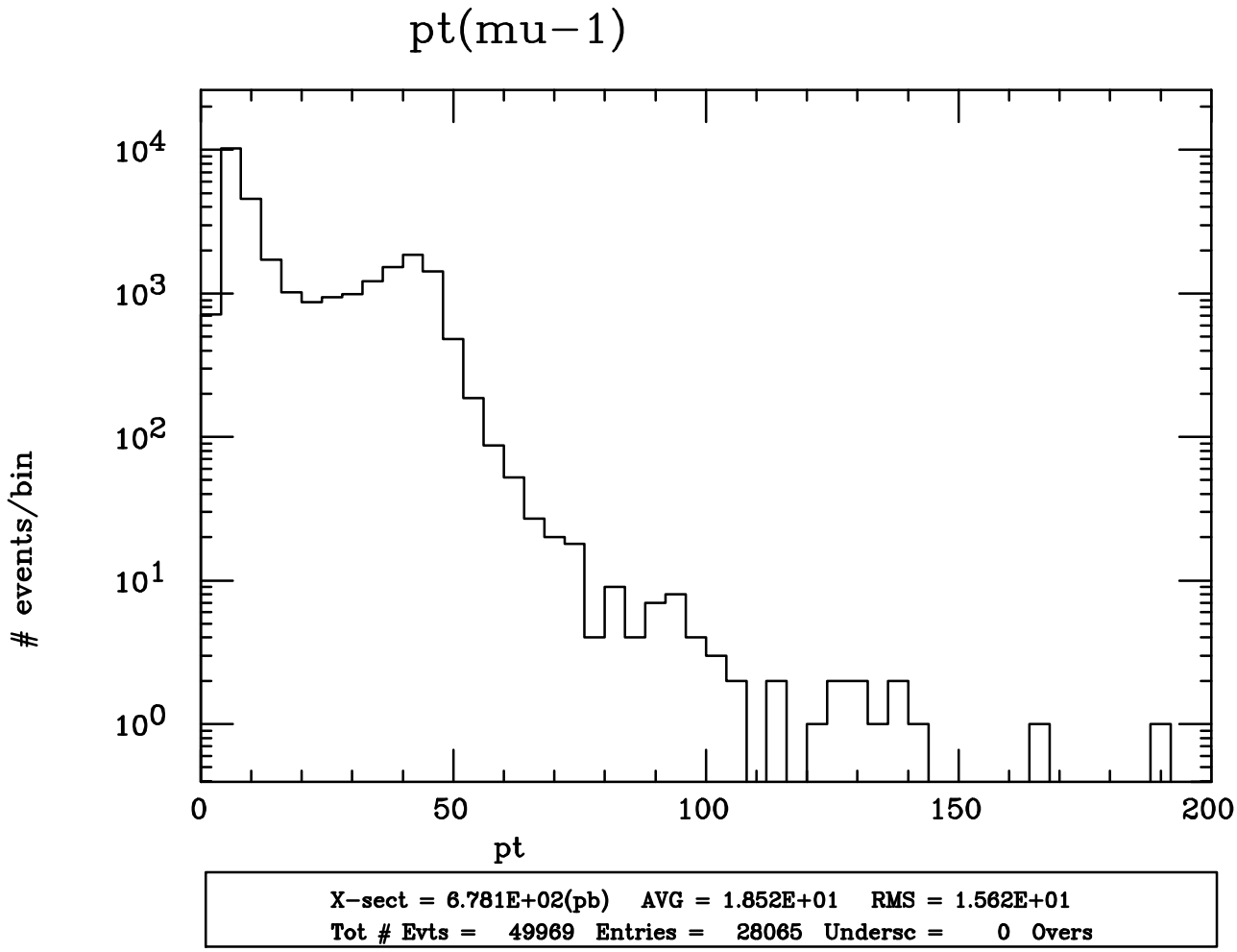

pt(jet3)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 6.781E+02(pb) AVG = 7.886E+00 RMS = 3.137E+00
Tot # Evts = 49969 Entries = 246 Undersc = 0 Overs

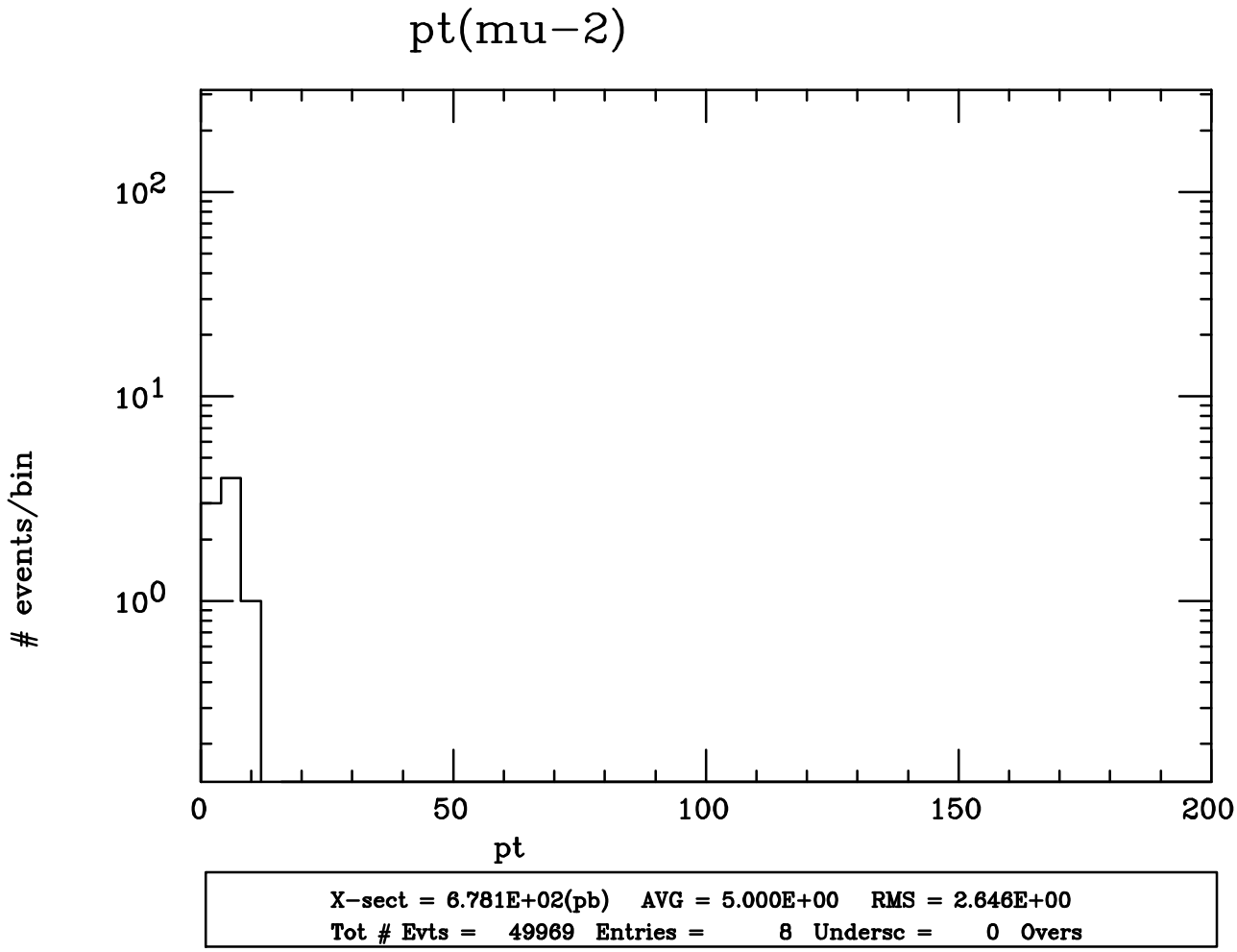

pt(jet4)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 6.781E+02(pb) AVG = 7.333E+00 RMS = 2.357E+00
Tot # Evts = 49969 Entries = 48 Undersc = 0 Overs

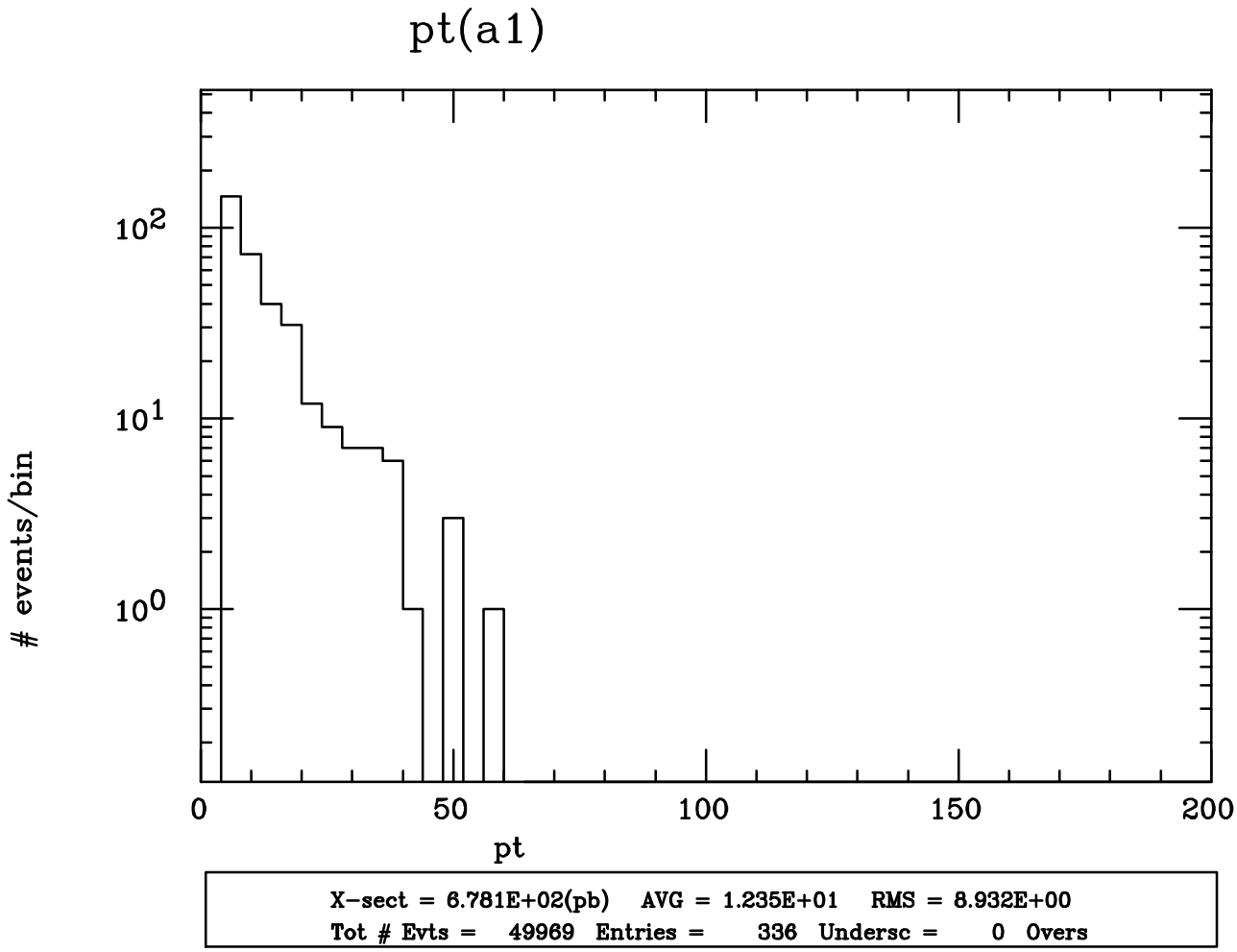

pt(b1)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 6.781E+02(pb) AVG = 1.373E+01 RMS = 1.119E+01
Tot # Evts = 49969 Entries = 59 Undersc = 0 Overs

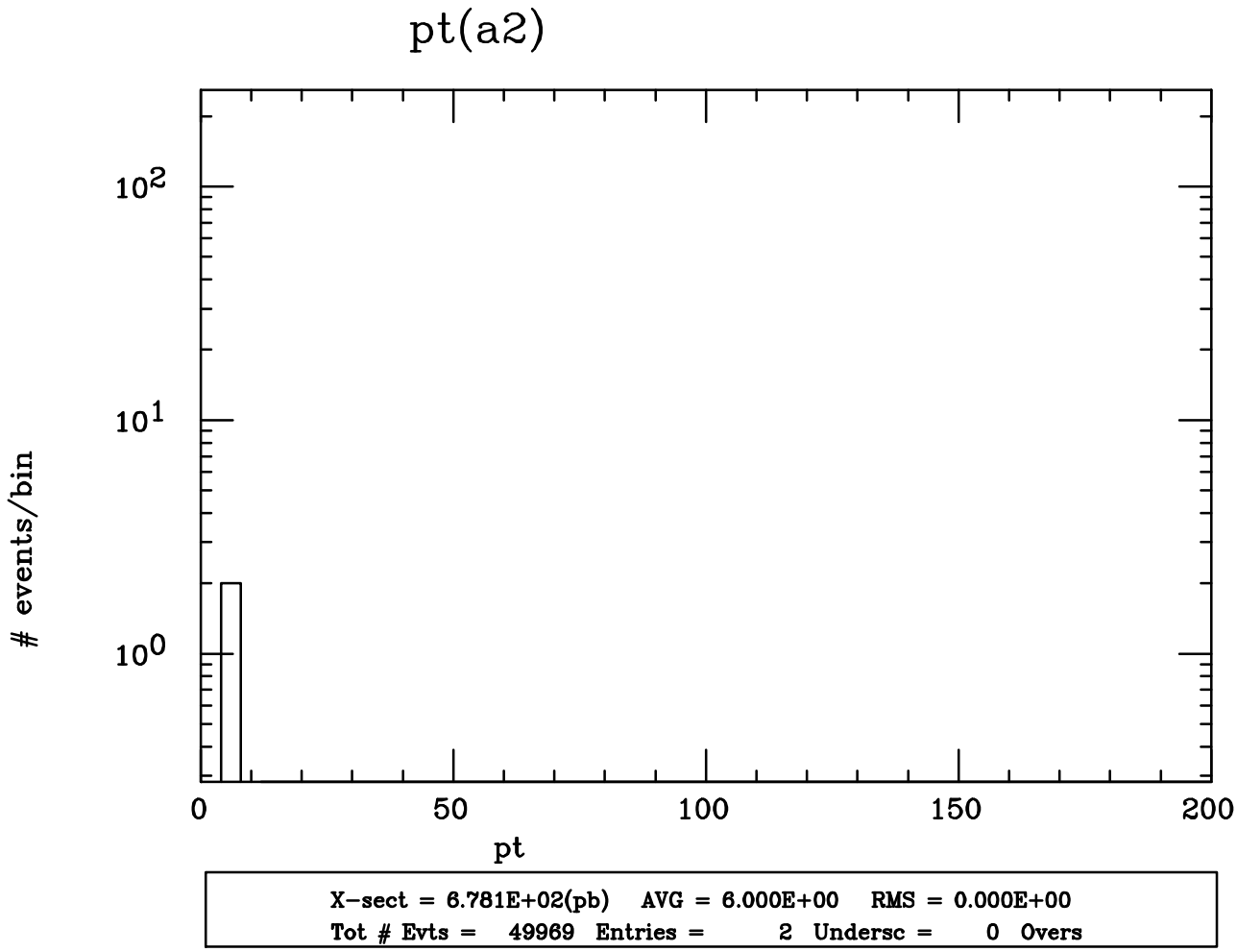

pt(mu+1)
# events/bin
10^4
10^3
10^2
10^1
10^0
10^{-1}
0
50
100
150
200
pt
X-sect = 6.781E+02(pb) AVG = 1.851E+01 RMS = 1.545E+01
Tot # Evts = 49969 Entries = 28156 Undersc = 0 Overs

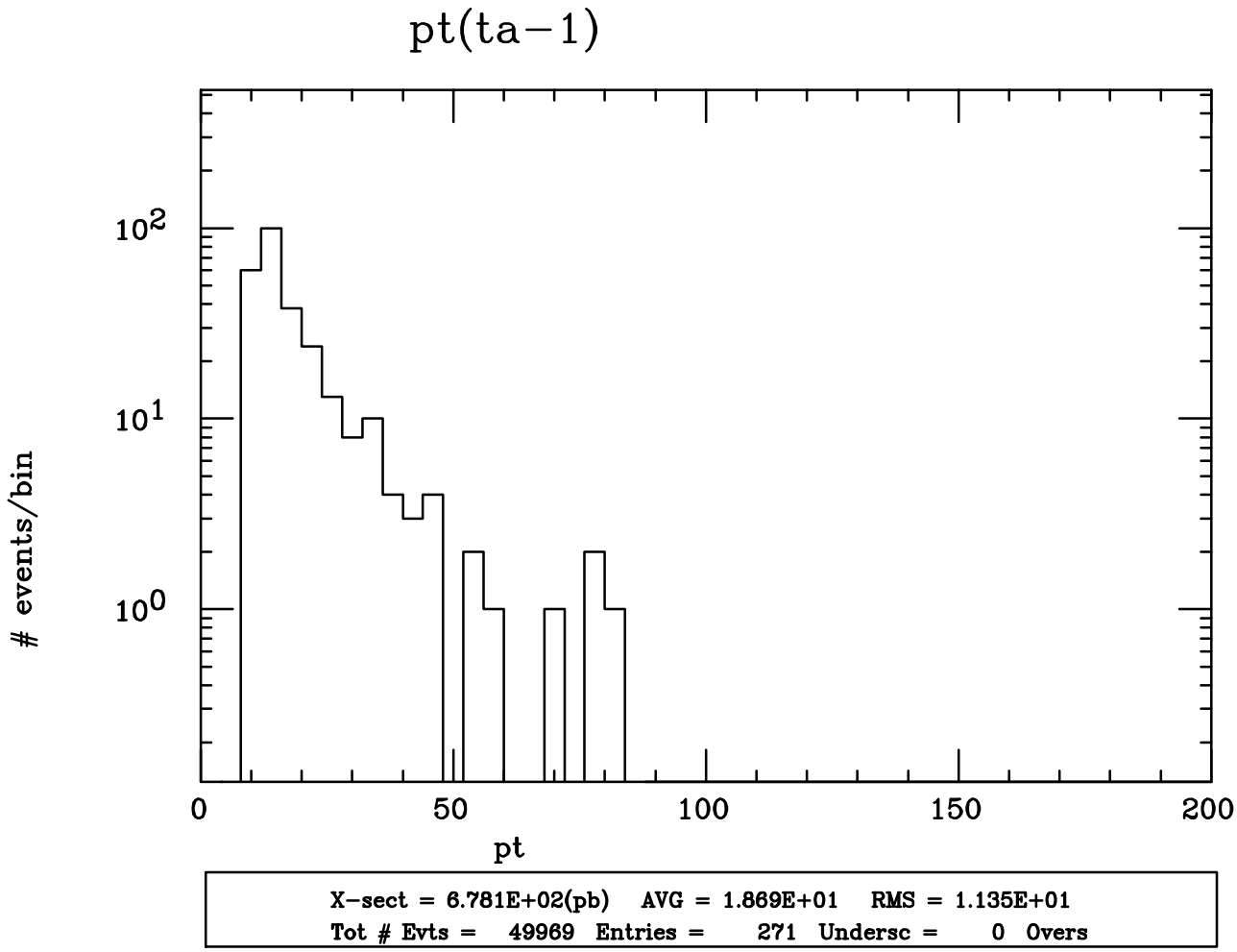

pt(mu+2)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 6.781E+02(pb) AVG = 5.000E+00 RMS = 2.646E+00
Tot # Evts = 49969 Entries = 8 Undersc = 0 Overs

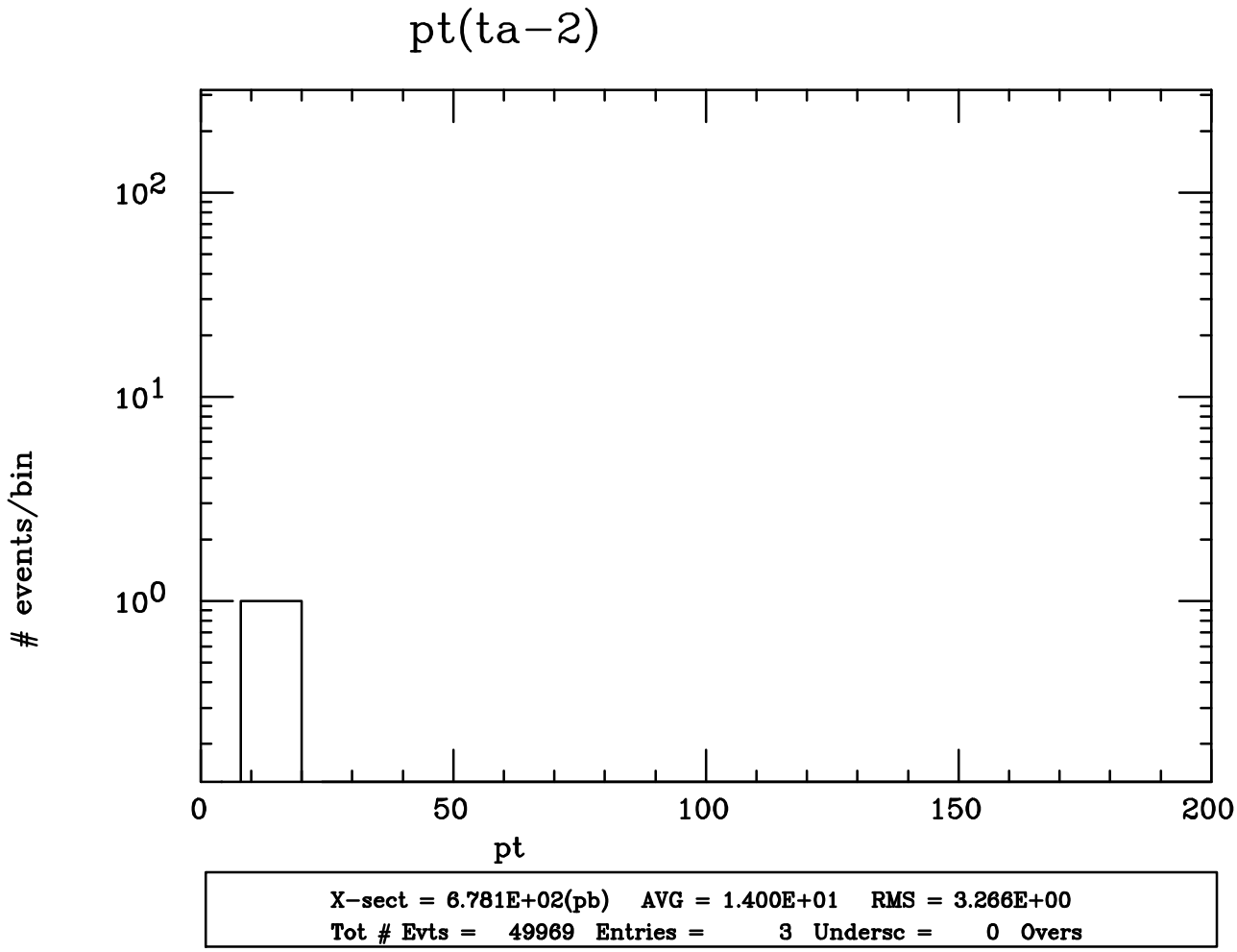

pt(mu−1)
# events/bin
10^4
10^3
10^2
10^1
10^0
0
50
100
150
200
pt
X−sect = 6.781E+02(pb) AVG = 1.852E+01 RMS = 1.562E+01
Tot # Evts = 49969 Entries = 28065 Undersc = 0 Overs

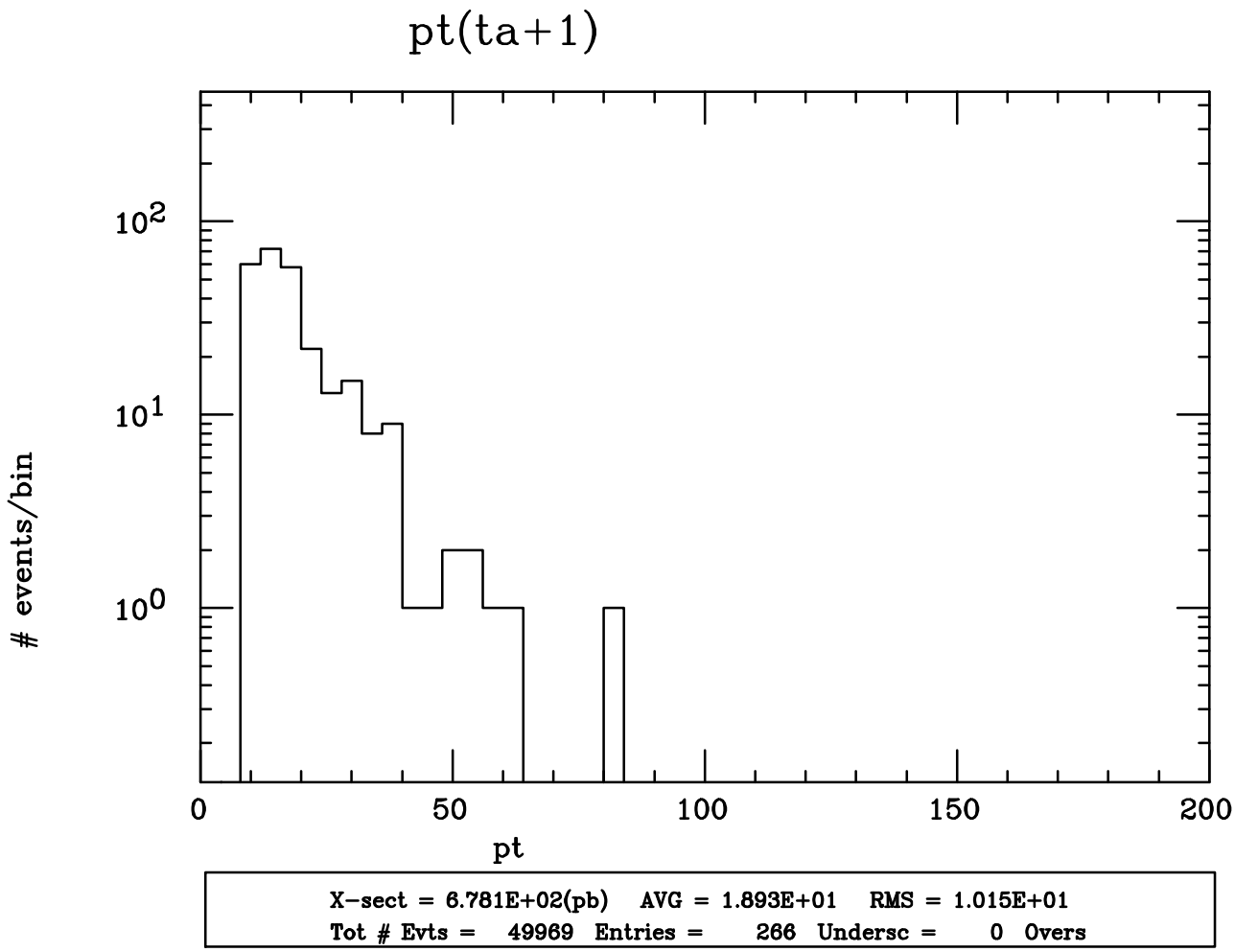

pt(mu−2)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X−sect = 6.781E+02(pb) AVG = 5.000E+00 RMS = 2.646E+00
Tot # Evts = 49969 Entries = 8 Undersc = 0 Overs

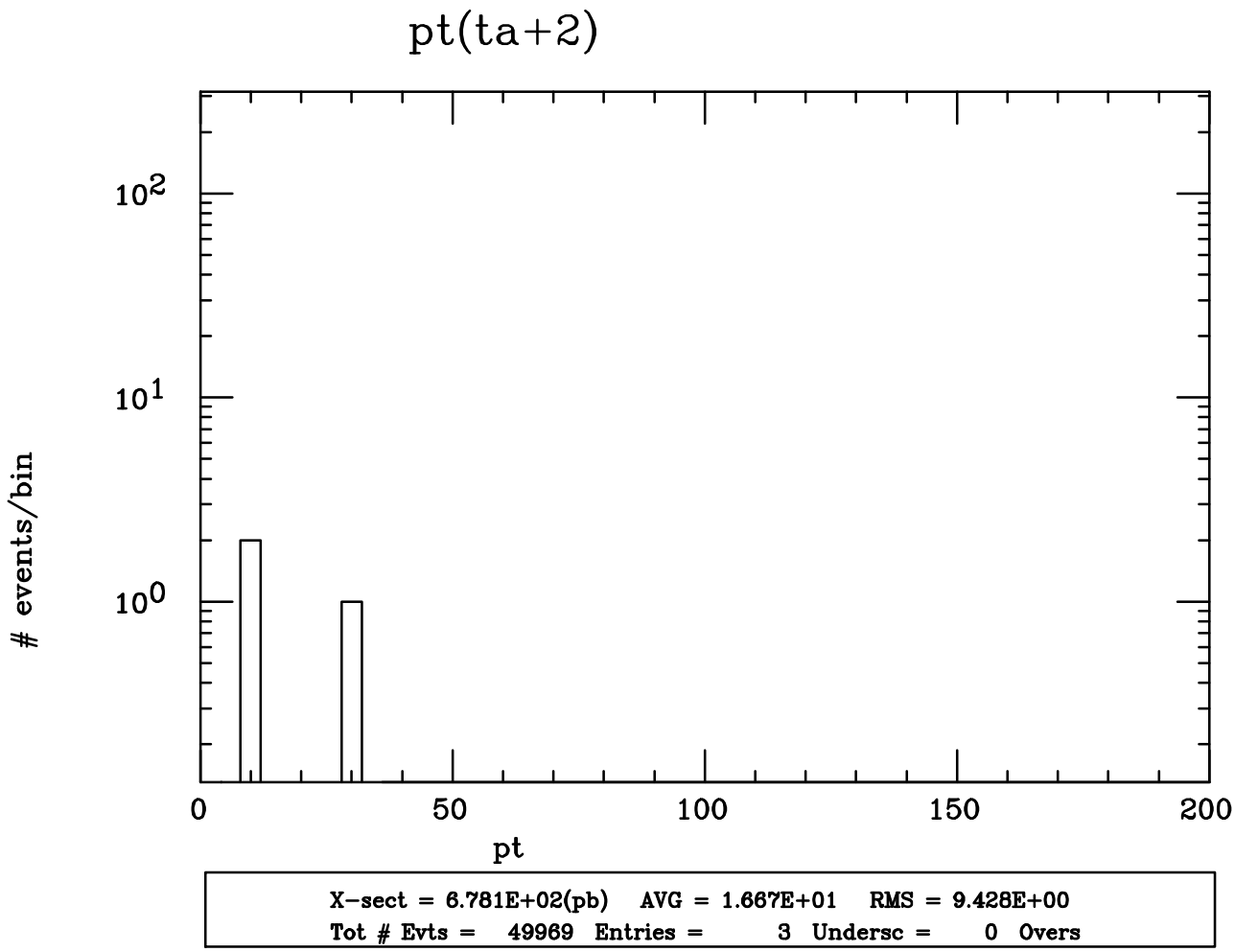

pt(a1)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 6.781E+02(pb) AVG = 1.235E+01 RMS = 8.932E+00
Tot # Evts = 49969 Entries = 336 Undersc = 0 Overs

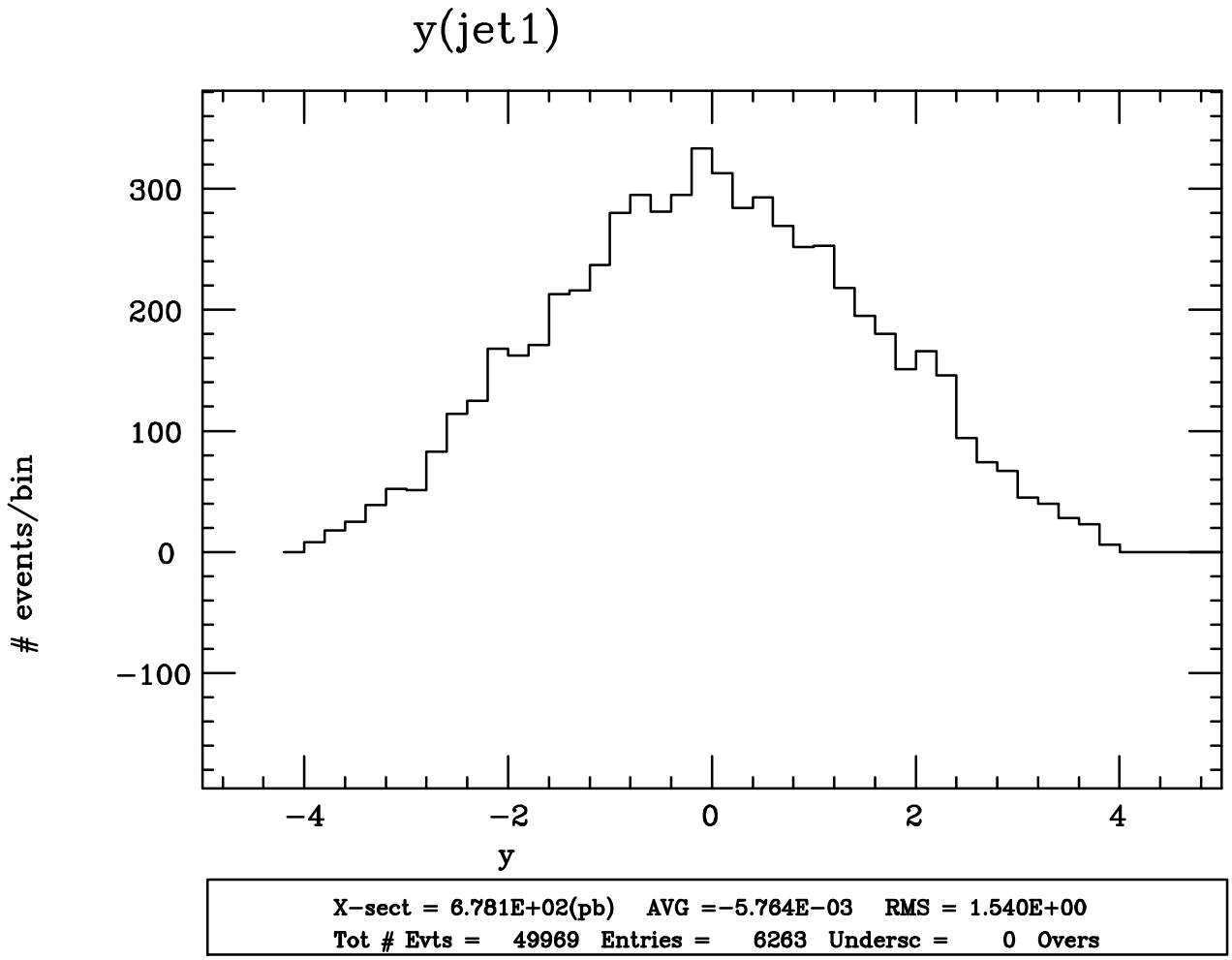

pt(a2)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 6.781E+02(pb) AVG = 6.000E+00 RMS = 0.000E+00
Tot # Evts = 49969 Entries = 2 Undersc = 0 Overs

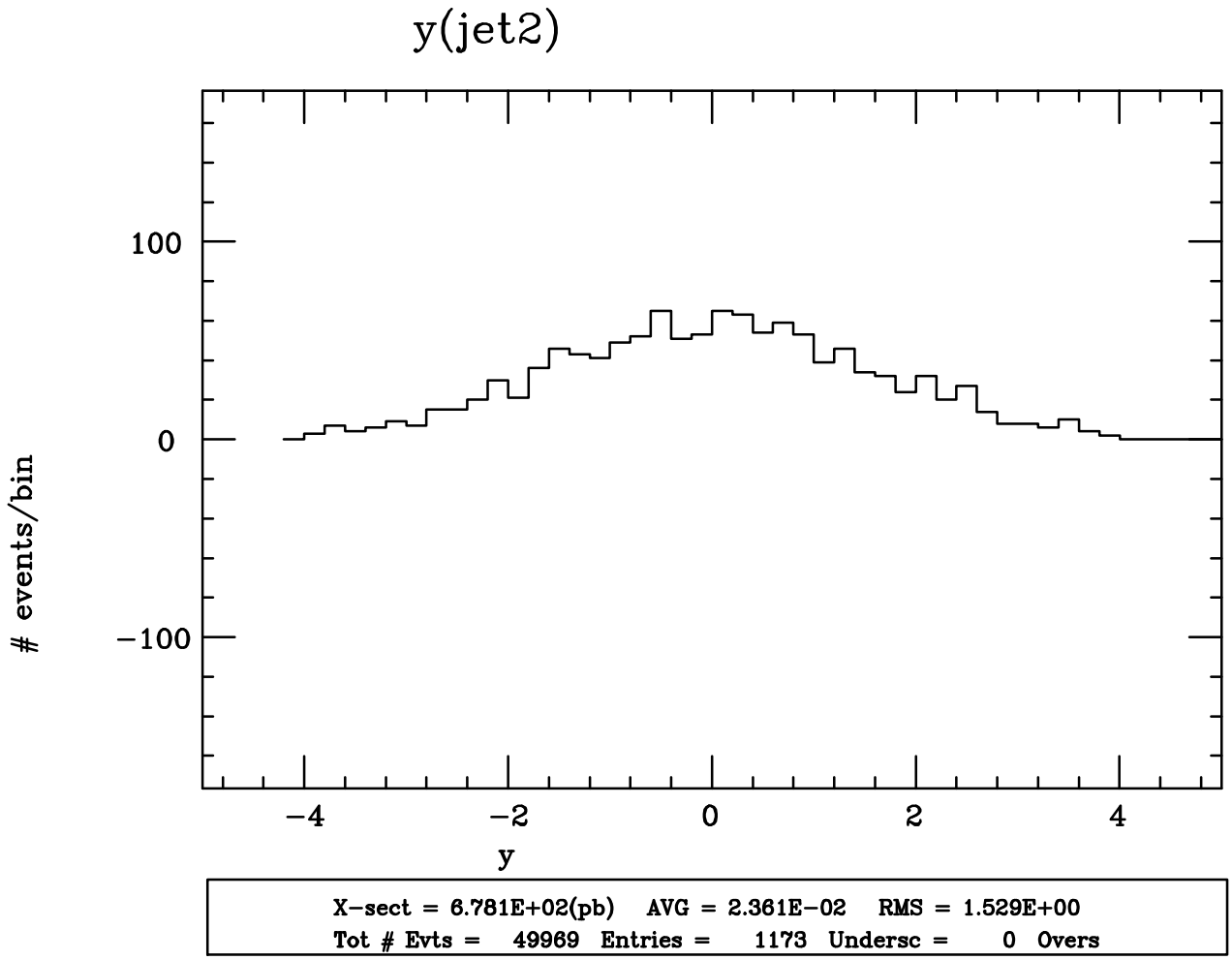

pt(ta−1)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X−sect = 6.781E+02(pb) AVG = 1.869E+01 RMS = 1.135E+01
Tot # Evts = 49969 Entries = 271 Undersc = 0 Overs

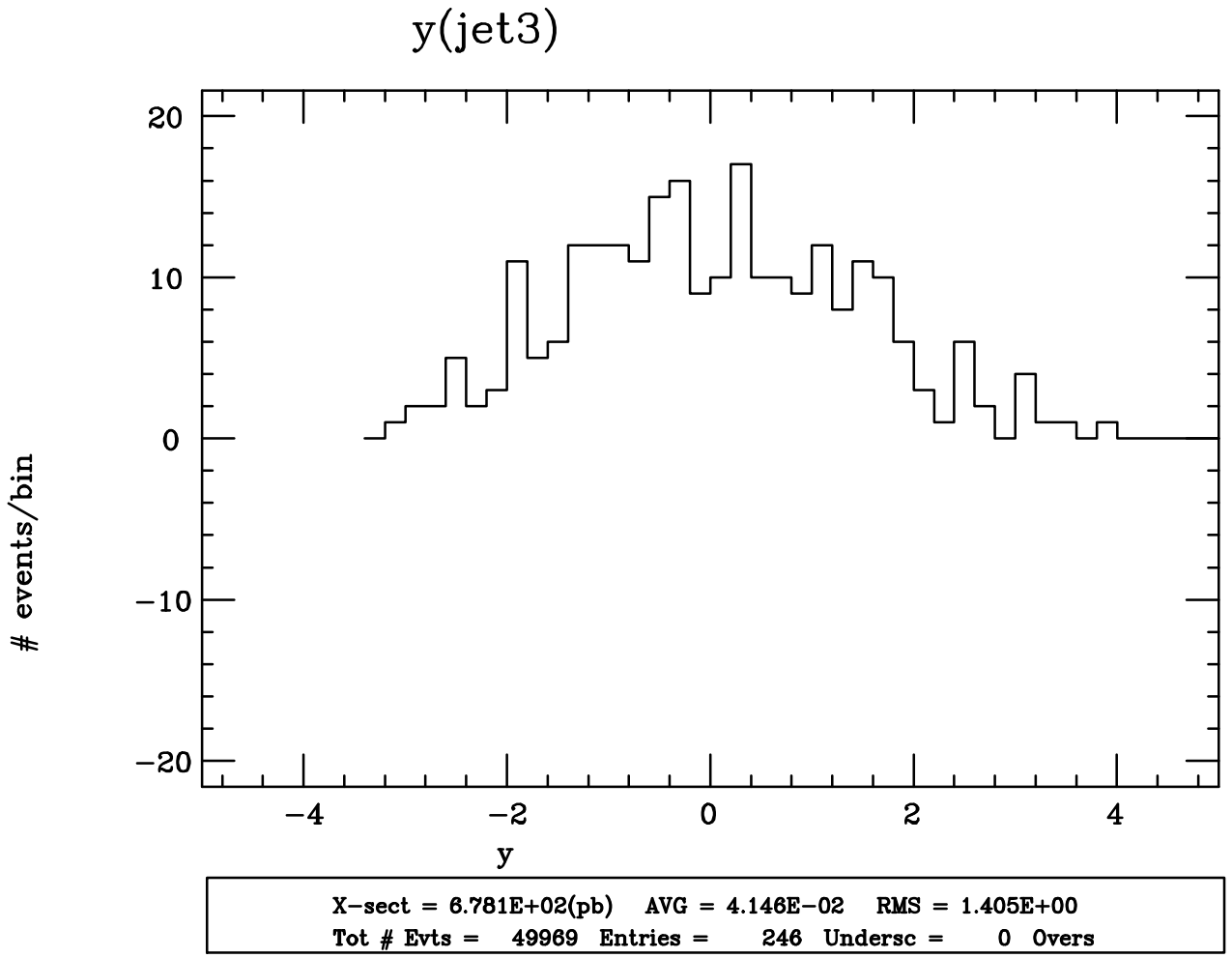

pt(ta−2)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X−sect = 6.781E+02(pb) AVG = 1.400E+01 RMS = 3.266E+00
Tot # Evts = 49969 Entries = 3 Undersc = 0 Overs

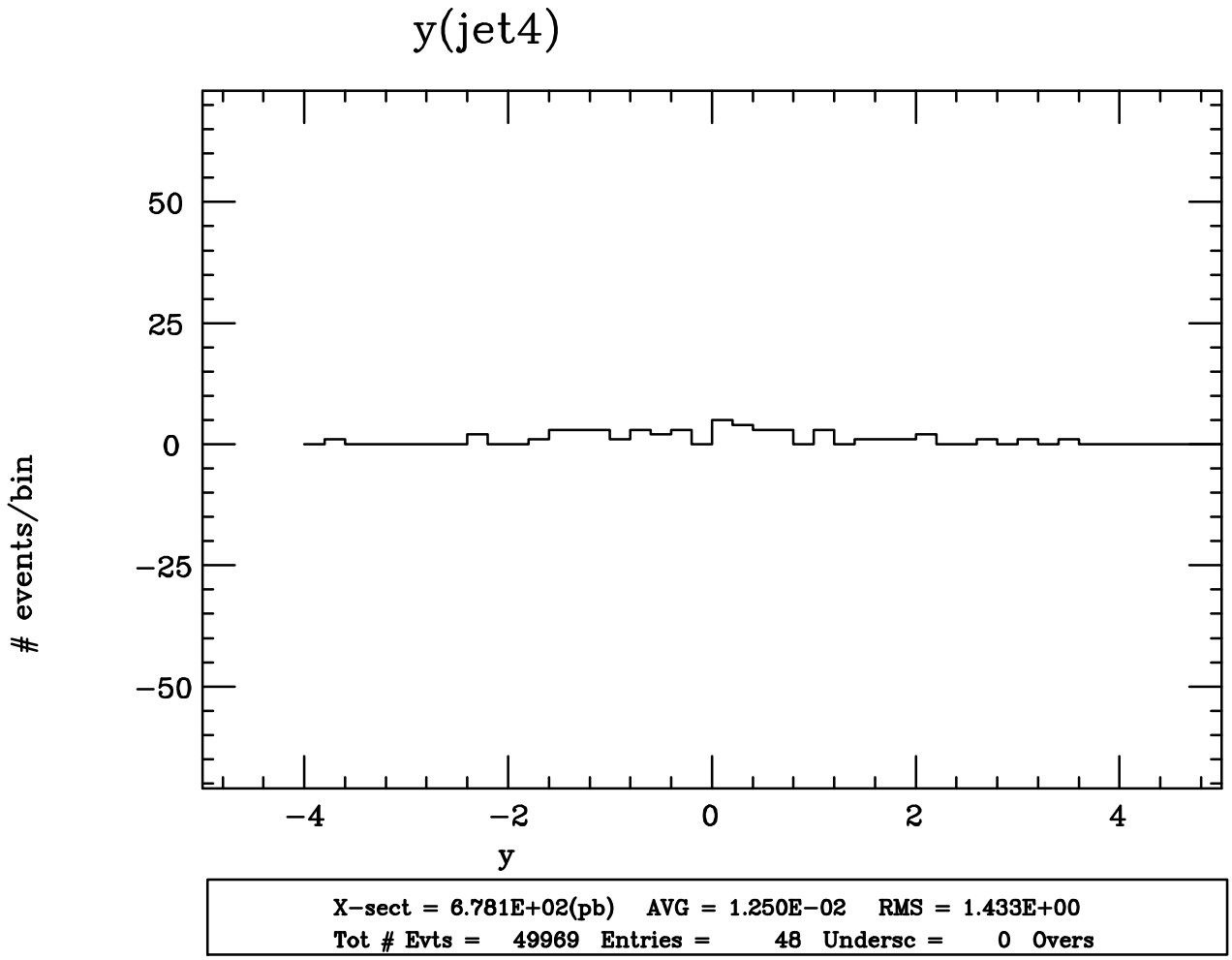

pt(ta+1)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 6.781E+02(pb) AVG = 1.893E+01 RMS = 1.015E+01
Tot # Evts = 49969 Entries = 266 Undersc = 0 Overs

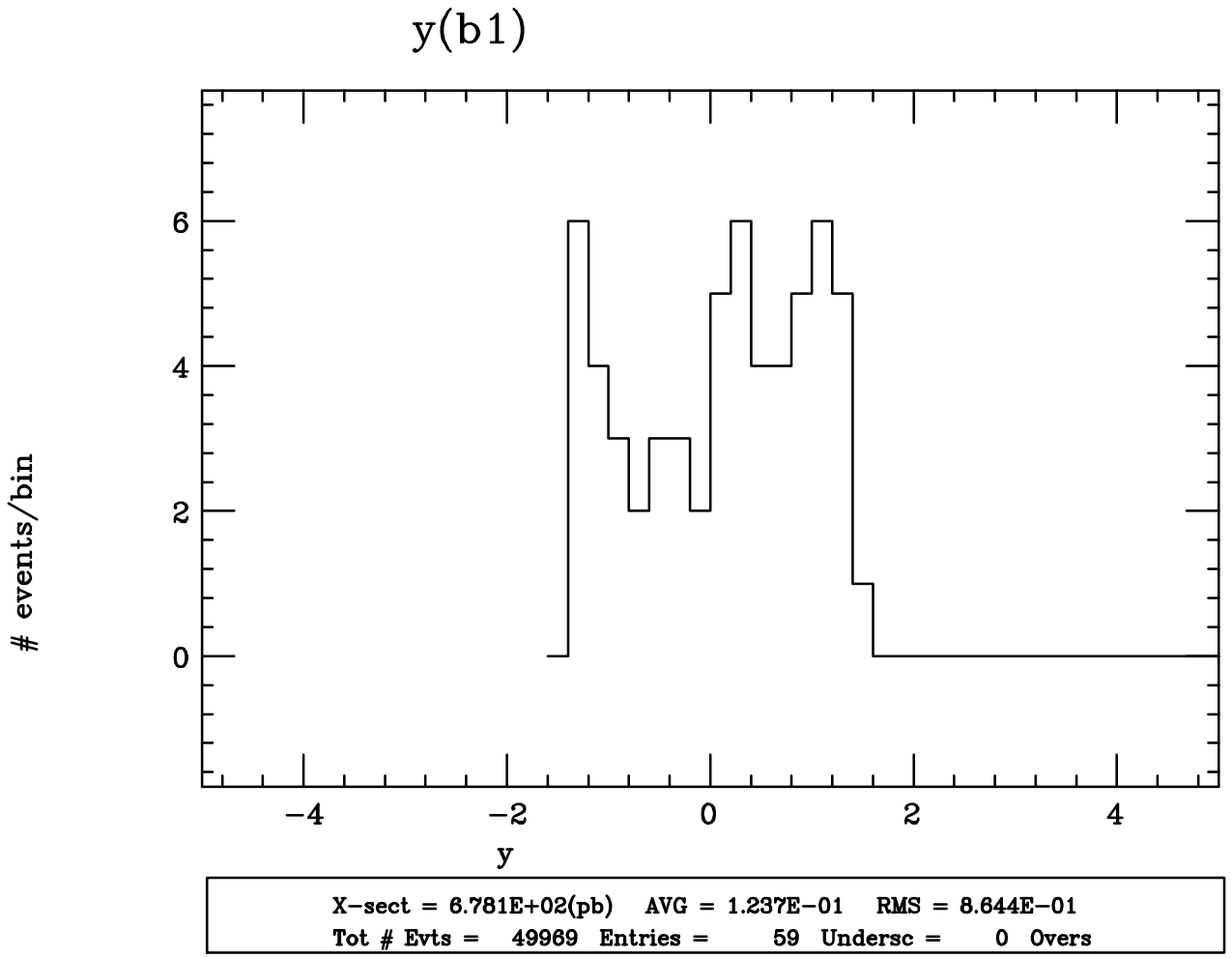

pt(ta+2)
# events/bin
10^2
10^1
10^0
0
50
100
150
200
pt
X-sect = 6.781E+02(pb) AVG = 1.667E+01 RMS = 9.428E+00
Tot # Evts = 49969 Entries = 3 Undersc = 0 Overs

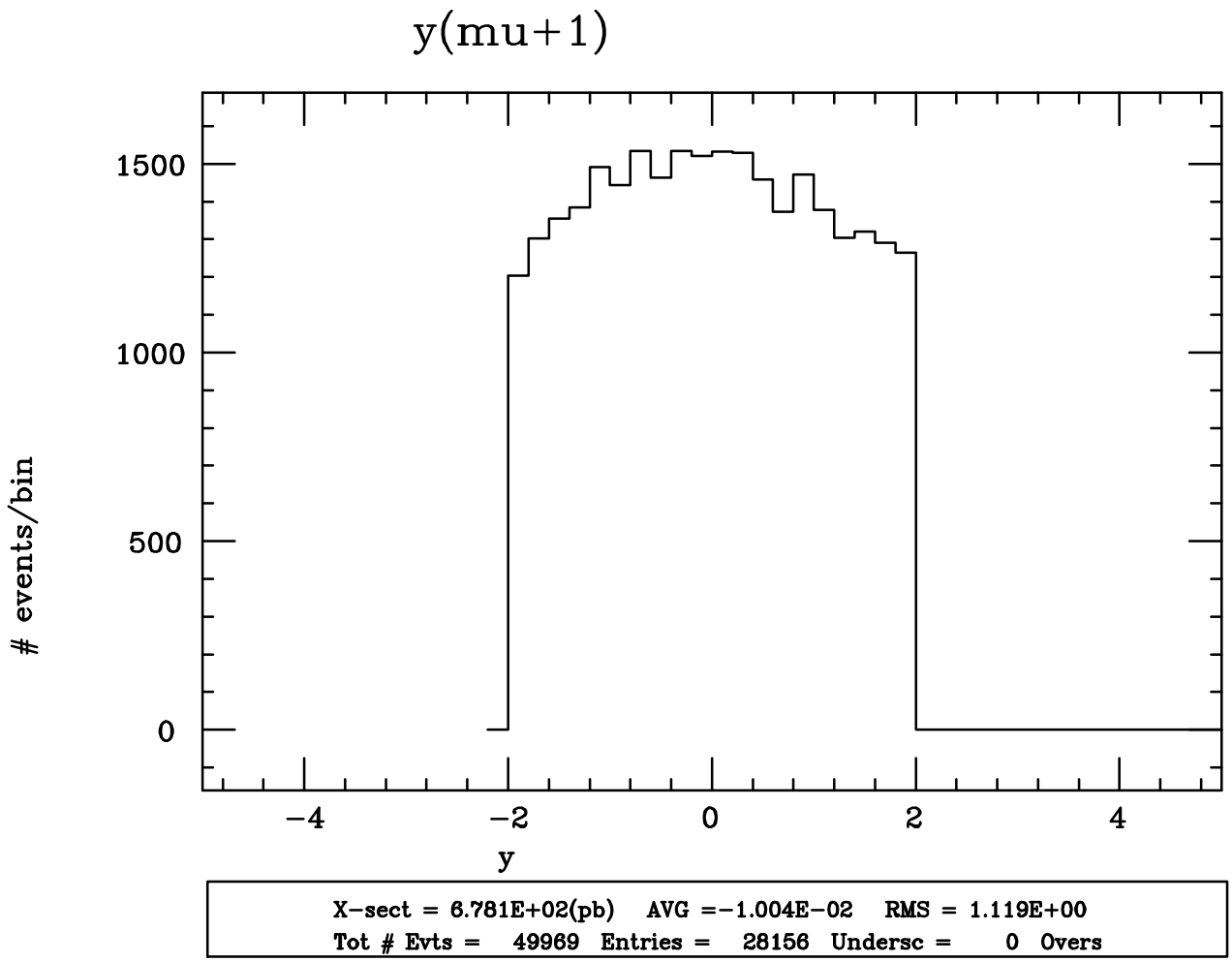

y(jet1)
# events/bin
300
200
100
0
−100
−4
−2
0
2
4
y
X−sect = 6.781E+02(pb) AVG =−5.764E−03 RMS = 1.540E+00
Tot # Evts = 49969 Entries = 6263 Undersc = 0 Overs

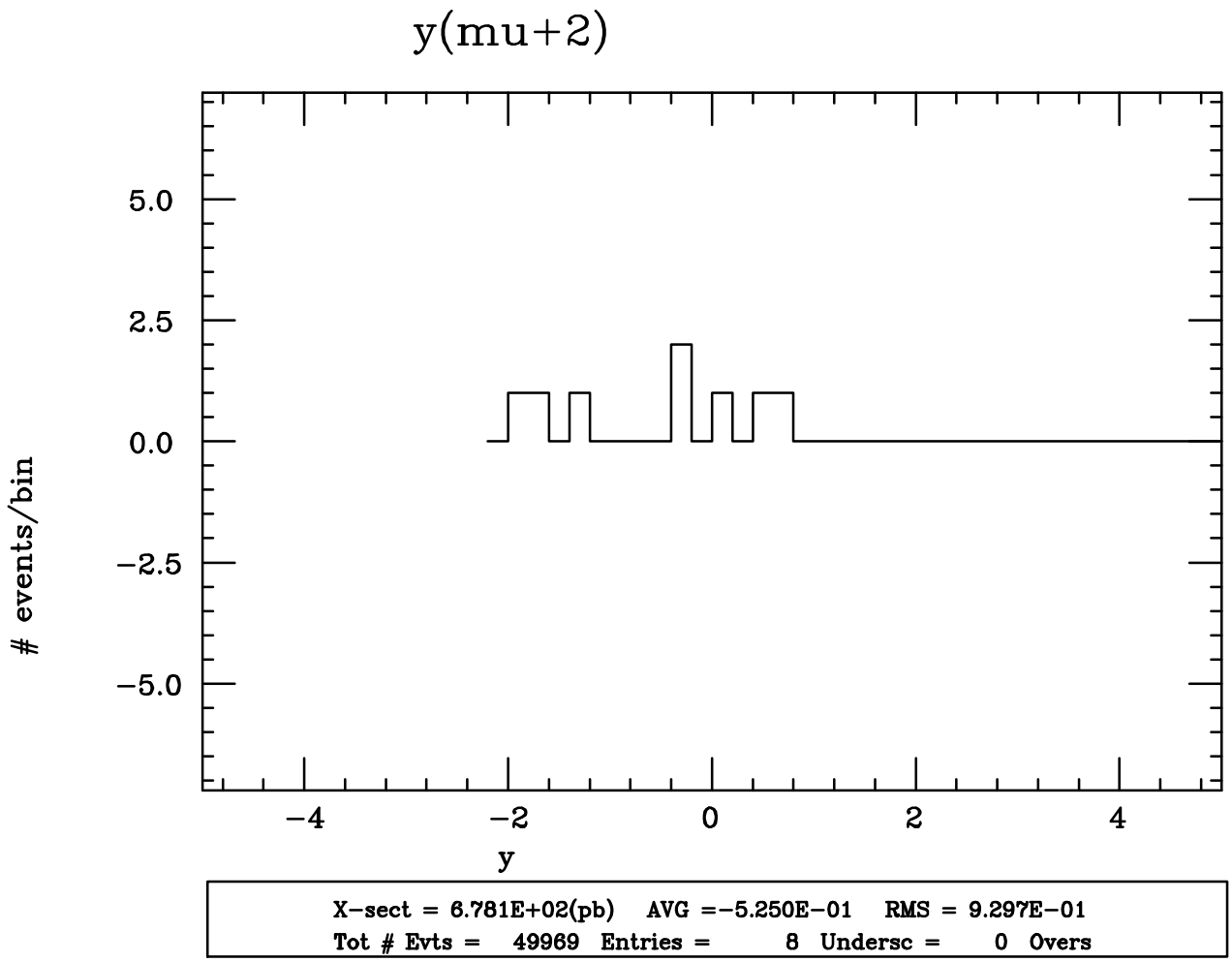

y(jet2)
100
0
−100
events/bin
−4
−2
0
2
4
y
X−sect = 6.781E+02(pb) AVG = 2.361E−02 RMS = 1.529E+00
Tot # Evts = 49969 Entries = 1173 Undersc = 0 Overs

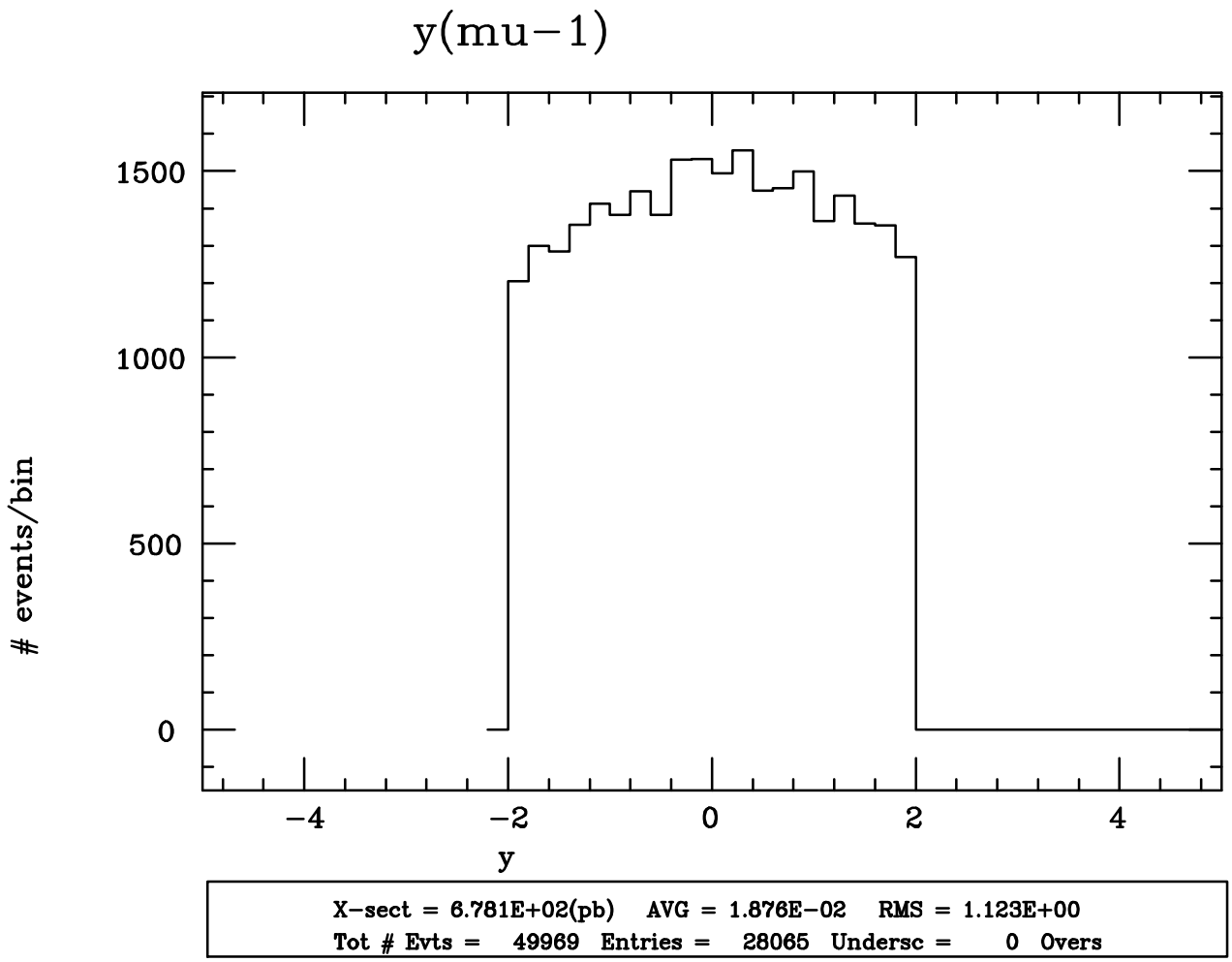

y(jet3)
# events/bin
20
10
0
−10
−20
−4
−2
0
2
4
y
X−sect = 6.781E+02(pb) AVG = 4.146E−02 RMS = 1.405E+00
Tot # Evts = 49969 Entries = 246 Undersc = 0 Overs

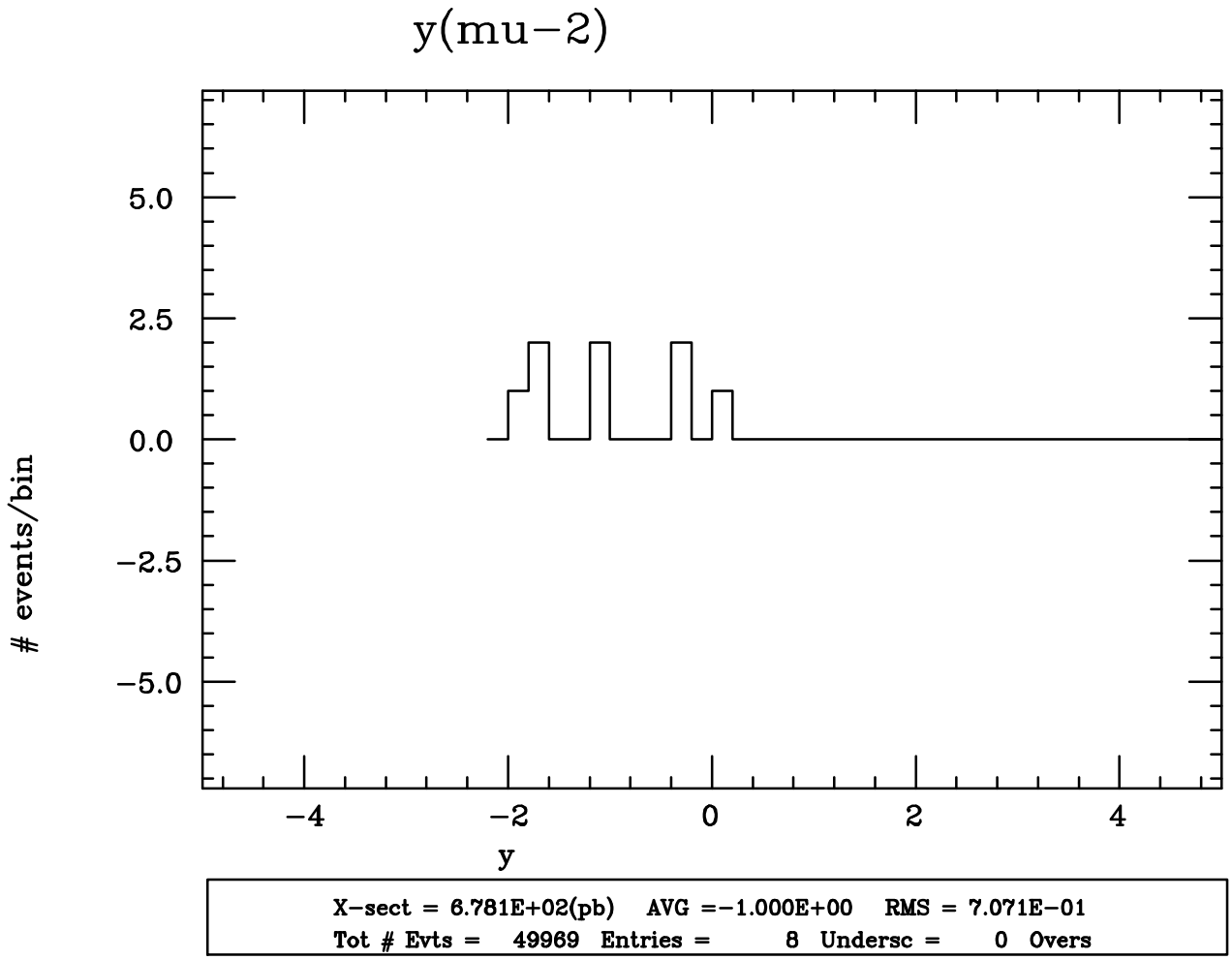

y(jet4)
# events/bin
50
25
0
−25
−50
−4
−2
0
2
4
y
X−sect = 6.781E+02(pb) AVG = 1.250E−02 RMS = 1.433E+00
Tot # Evts = 49969 Entries = 48 Undersc = 0 Overs

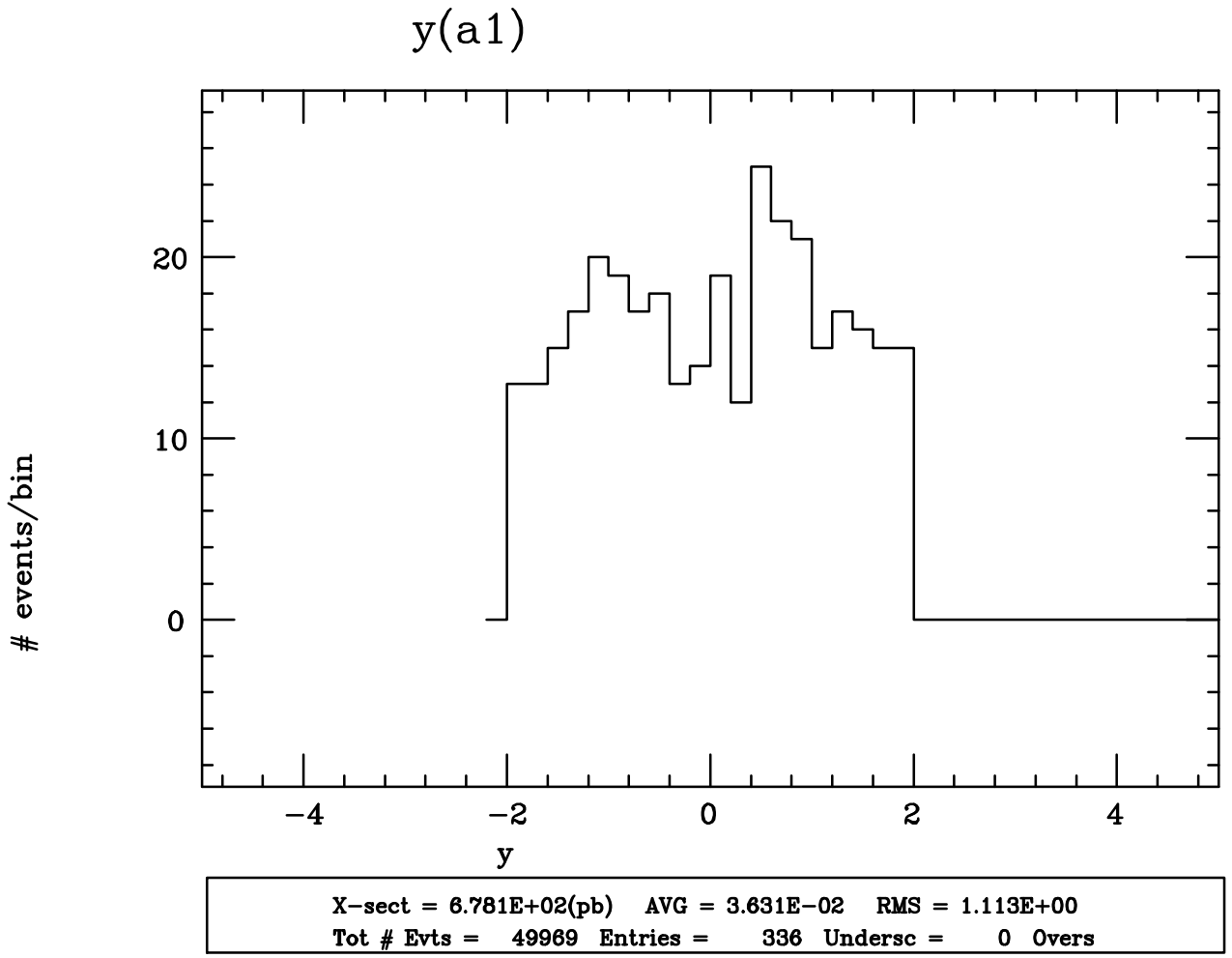

y(b1)
# events/bin
0
2
4
6
−4
−2
0
2
4
y
X−sect = 6.781E+02(pb) AVG = 1.237E−01 RMS = 8.644E−01
Tot # Evts = 49969 Entries = 59 Undersc = 0 Overs

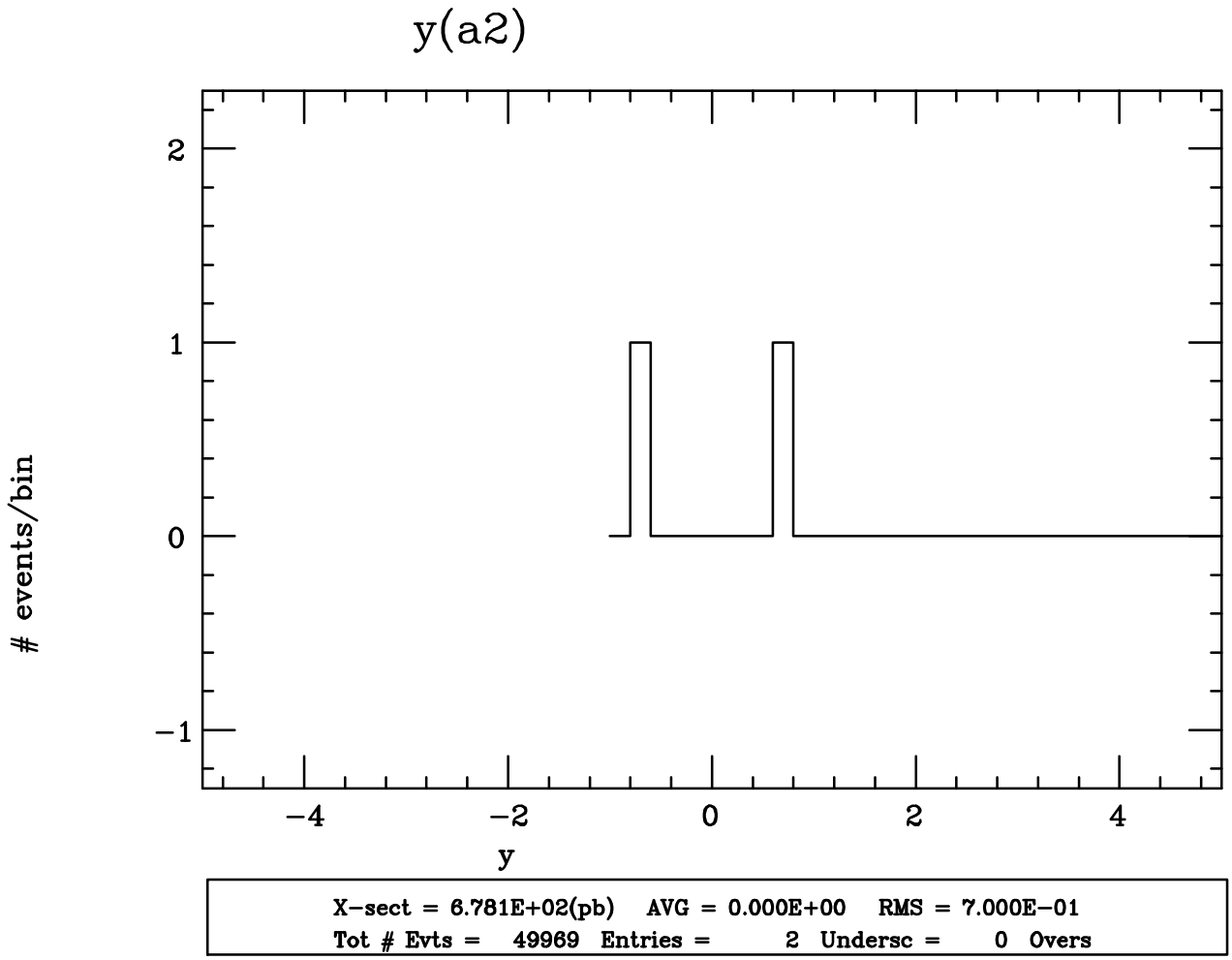

y(mu+1)
# events/bin
1500
1000
500
0
−4
−2
0
2
4
y
X−sect = 6.781E+02(pb) AVG =−1.004E−02 RMS = 1.119E+00
Tot # Evts = 49969 Entries = 28156 Undersc = 0 Overs

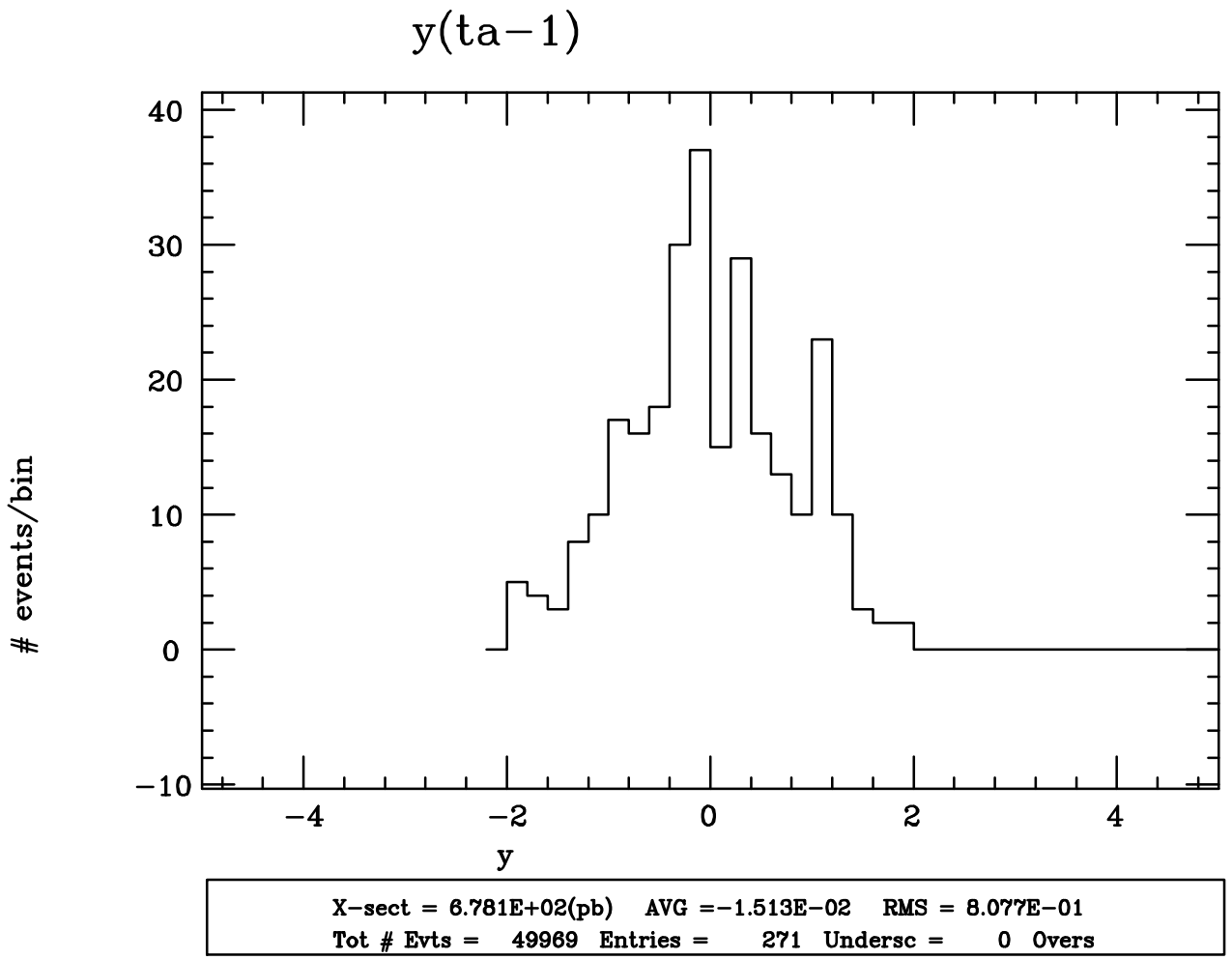

y(mu+2)
# events/bin
5.0
2.5
0.0
−2.5
−5.0
−4
−2
0
2
4
y
X−sect = 6.781E+02(pb) AVG =−5.250E−01 RMS = 9.297E−01
Tot # Evts = 49969 Entries = 8 Undersc = 0 Overs

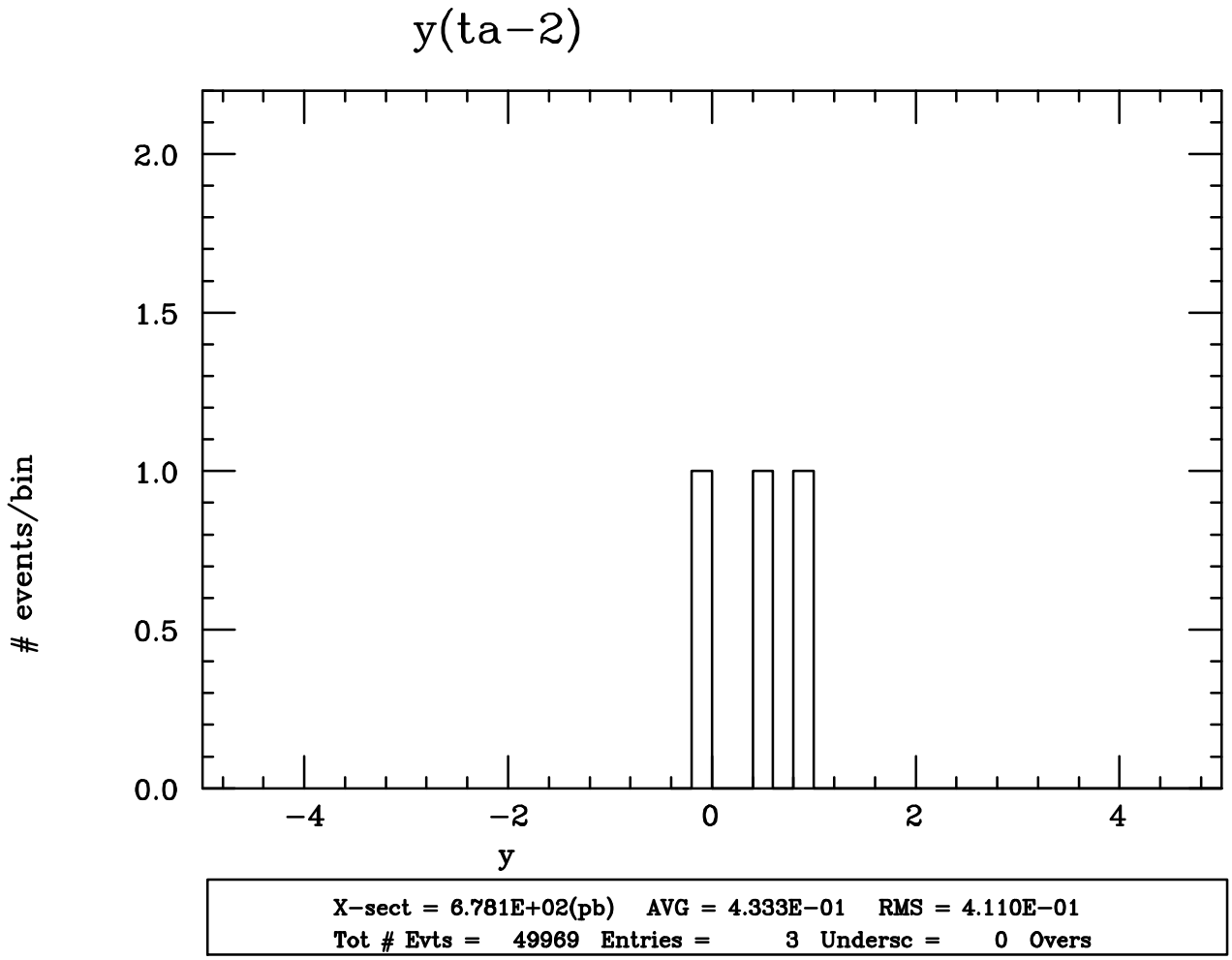

y(mu−1)
# events/bin
1500
1000
500
0
−4
−2
0
2
4
y
X−sect = 6.781E+02(pb) AVG = 1.876E−02 RMS = 1.123E+00
Tot # Evts = 49969 Entries = 28065 Undersc = 0 Overs

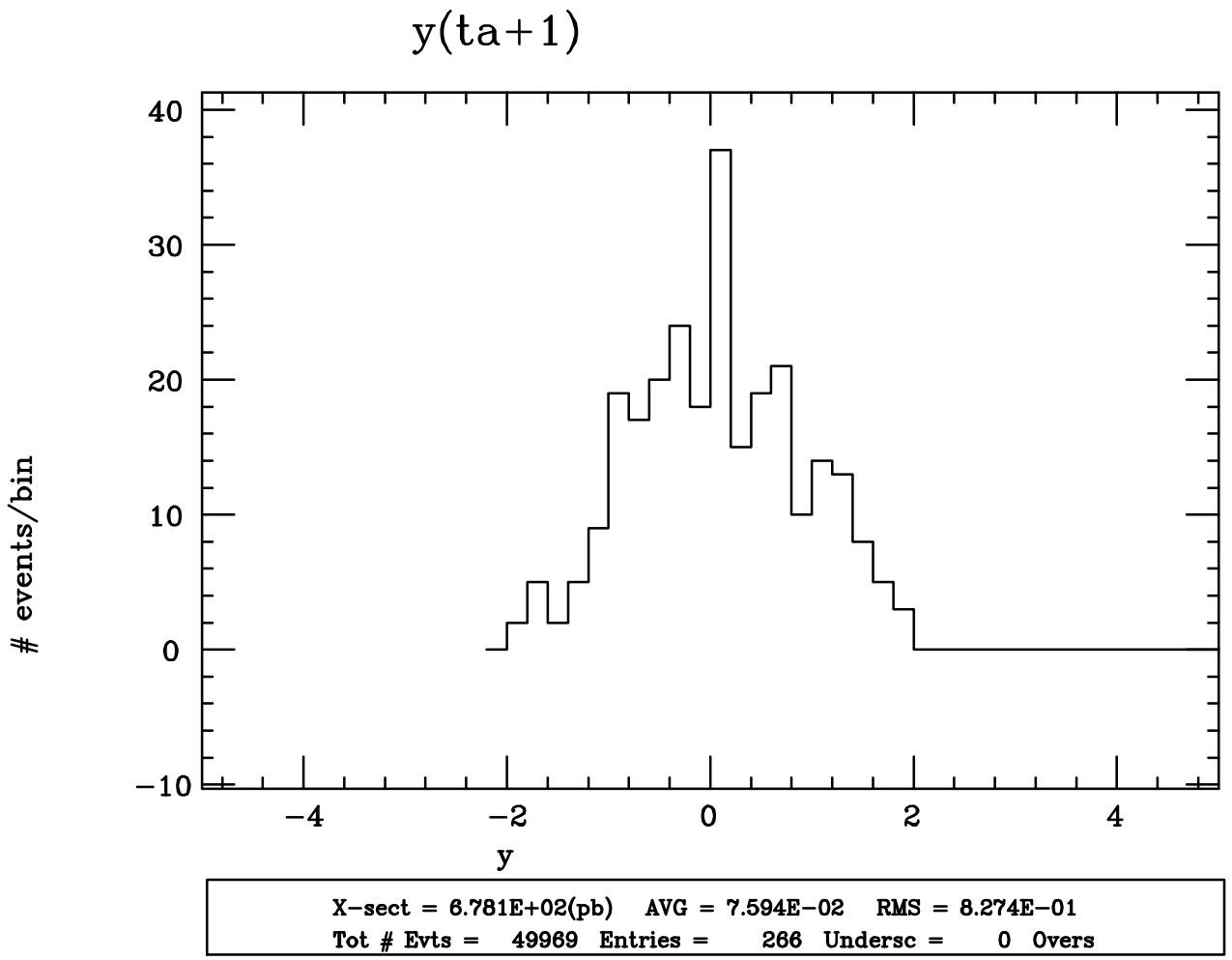

y(mu−2)
# events/bin
5.0
2.5
0.0
−2.5
−5.0
−4
−2
0
2
4
y
X−sect = 6.781E+02(pb) AVG =−1.000E+00 RMS = 7.071E−01
Tot # Evts = 49969 Entries = 8 Undersc = 0 Overs

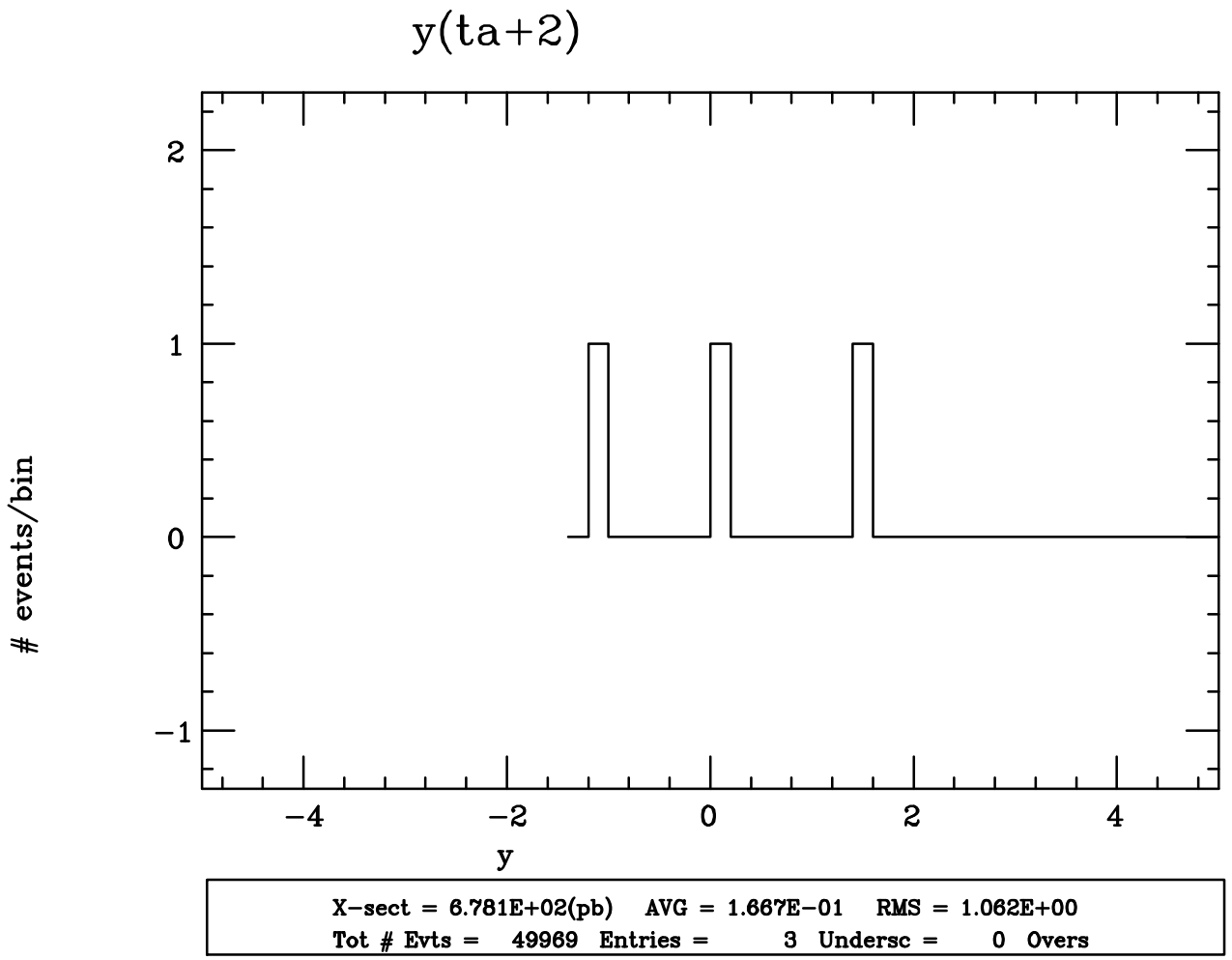

y(a1)
# events/bin
20
10
0
−4
−2
0
2
4
y
X−sect = 6.781E+02(pb) AVG = 3.631E−02 RMS = 1.113E+00
Tot # Evts = 49969 Entries = 336 Undersc = 0 Overs

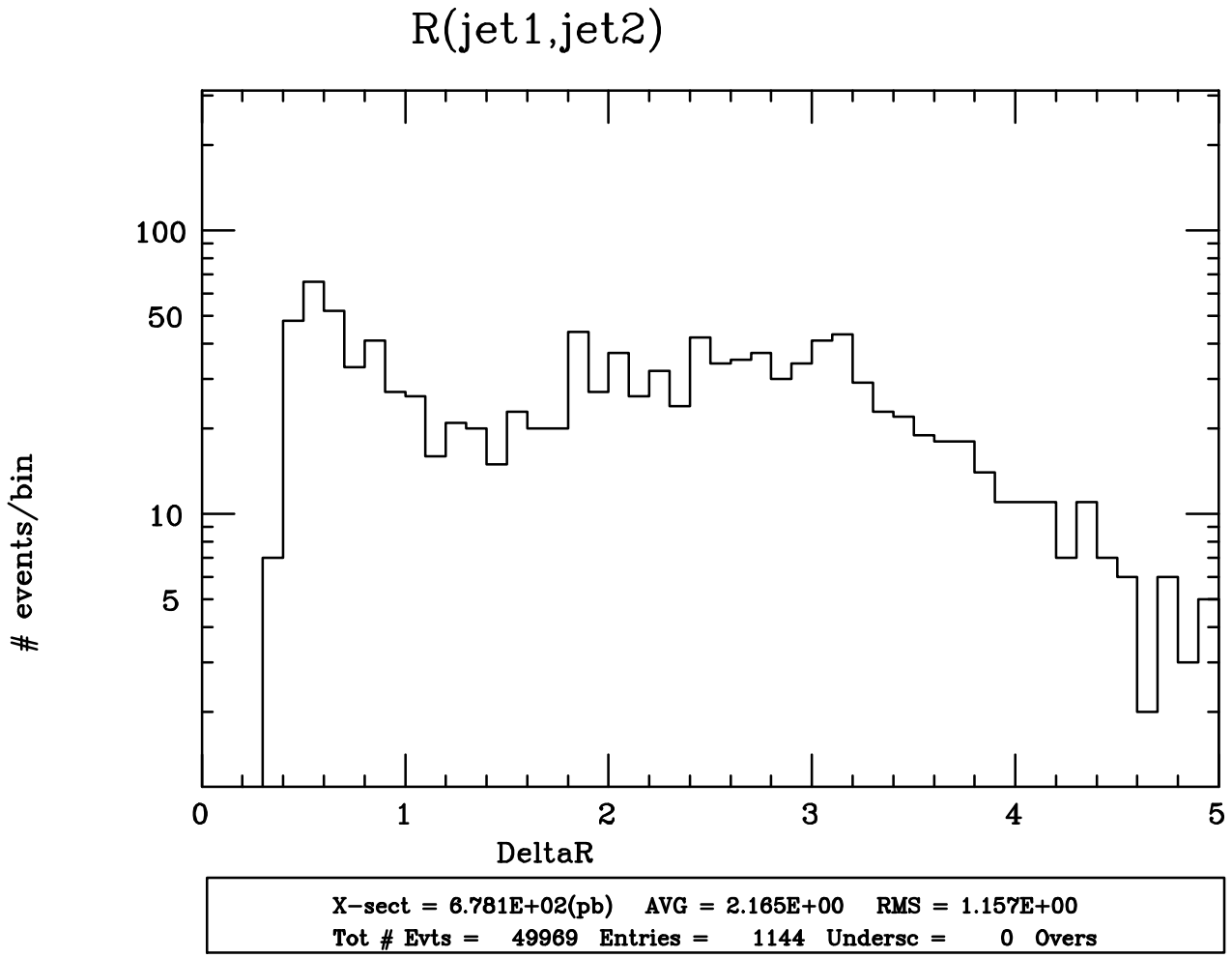

y(a2)
# events/bin
2
1
0
−1
−4
−2
0
2
4
y
X−sect = 6.781E+02(pb) AVG = 0.000E+00 RMS = 7.000E−01
Tot # Evts = 49969 Entries = 2 Undersc = 0 Overs

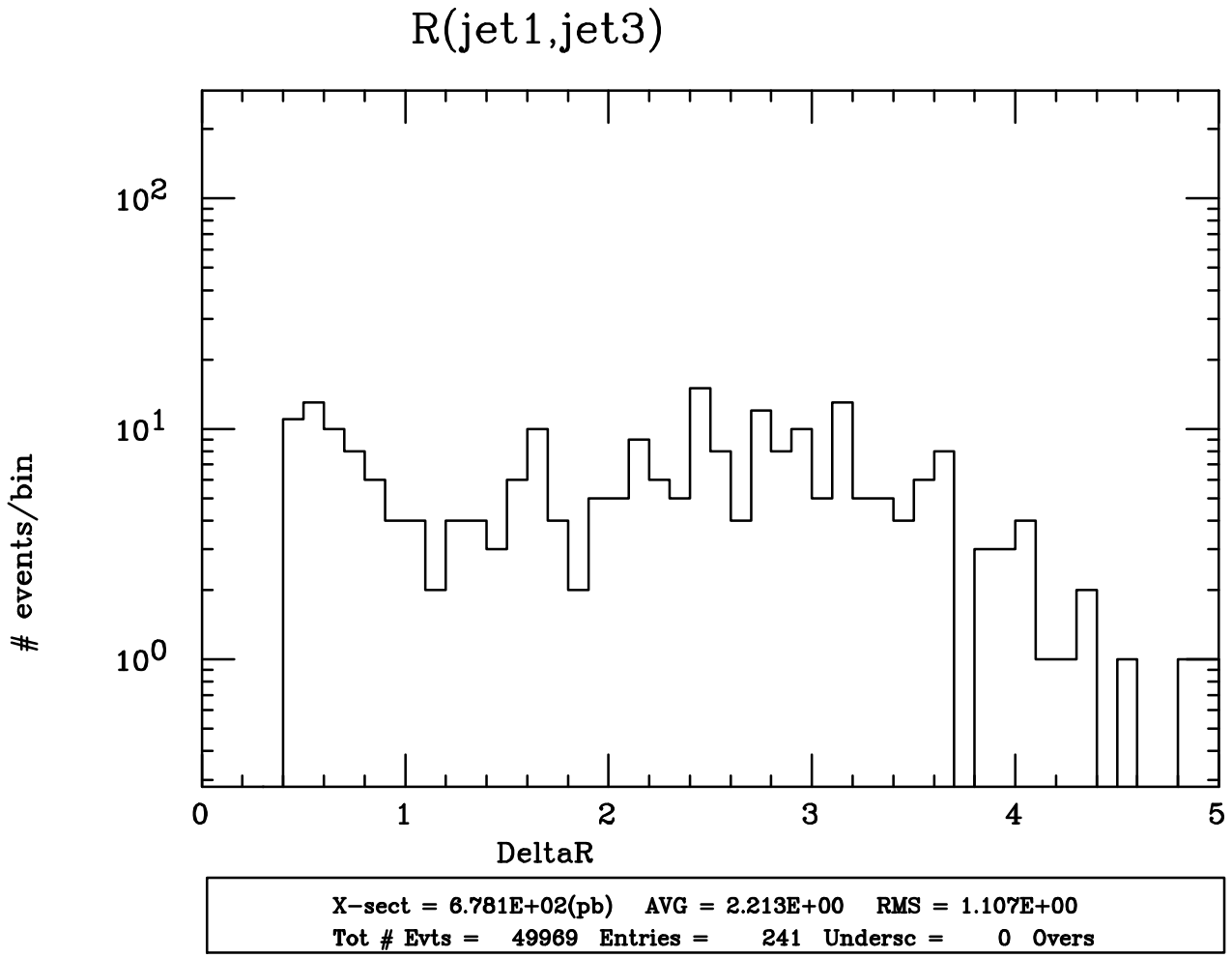

y(ta−1)
# events/bin
40
30
20
10
0
−10
−4
−2
0
2
4
y
X−sect = 6.781E+02(pb) AVG =−1.513E−02 RMS = 8.077E−01
Tot # Evts = 49969 Entries = 271 Undersc = 0 Overs

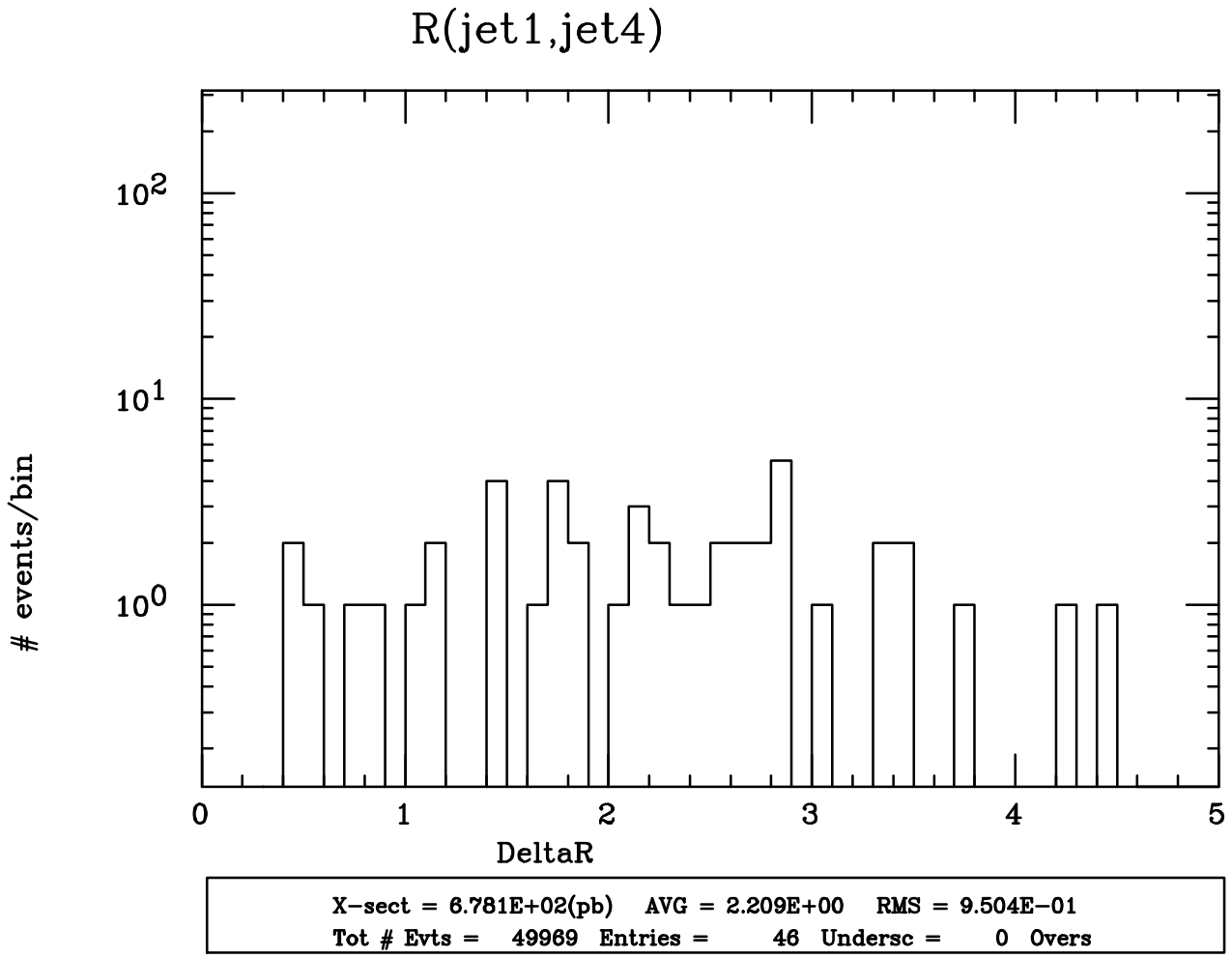

y(ta−2)
# events/bin
2.0
1.5
1.0
0.5
0.0
−4
−2
0
2
4
y
X−sect = 6.781E+02(pb) AVG = 4.333E−01 RMS = 4.110E−01
Tot # Evts = 49969 Entries = 3 Undersc = 0 Overs

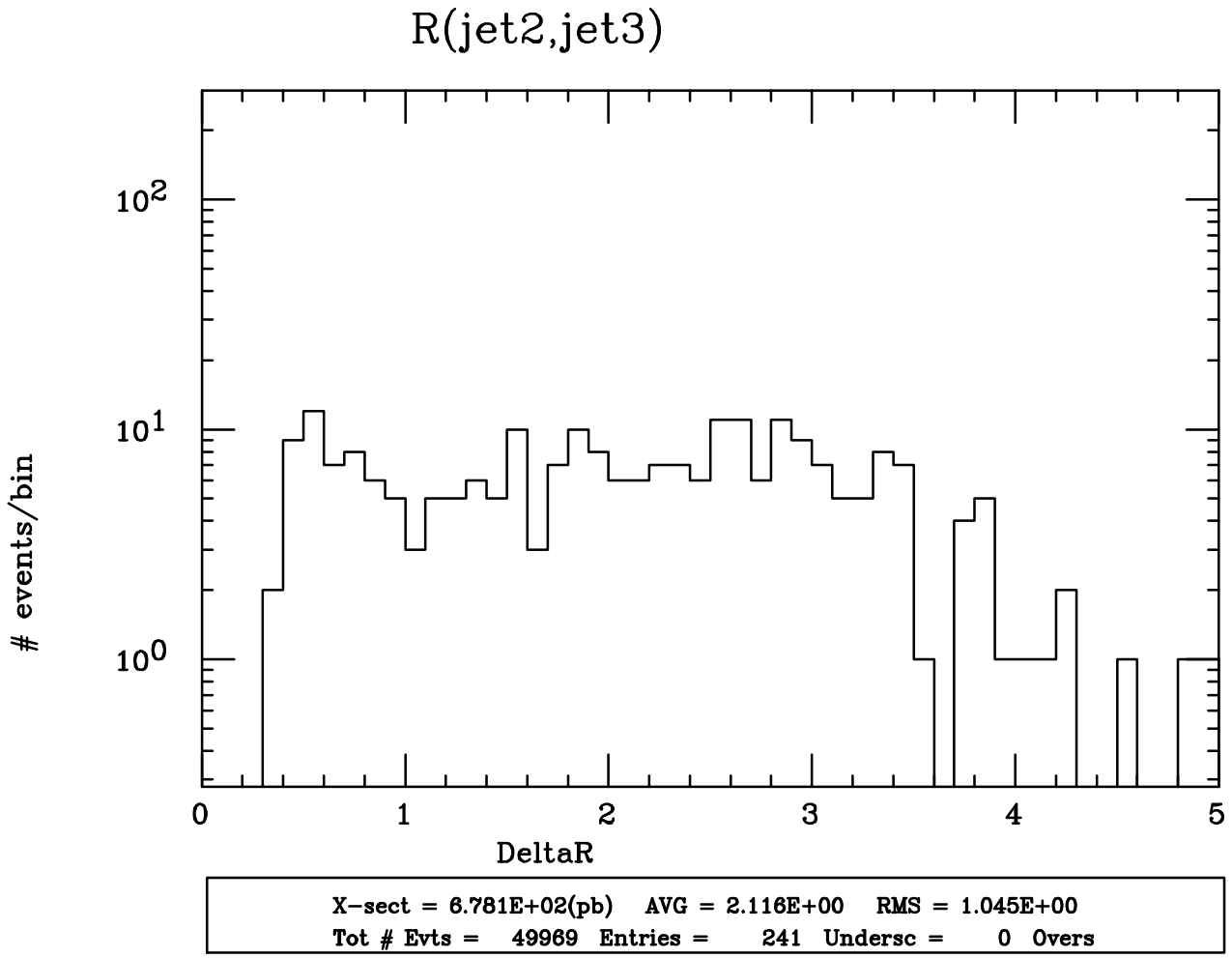

y(ta+1)
# events/bin
40
30
20
10
0
−10
−4
−2
0
2
4
y
X−sect = 6.781E+02(pb) AVG = 7.594E−02 RMS = 8.274E−01
Tot # Evts = 49969 Entries = 266 Undersc = 0 Overs

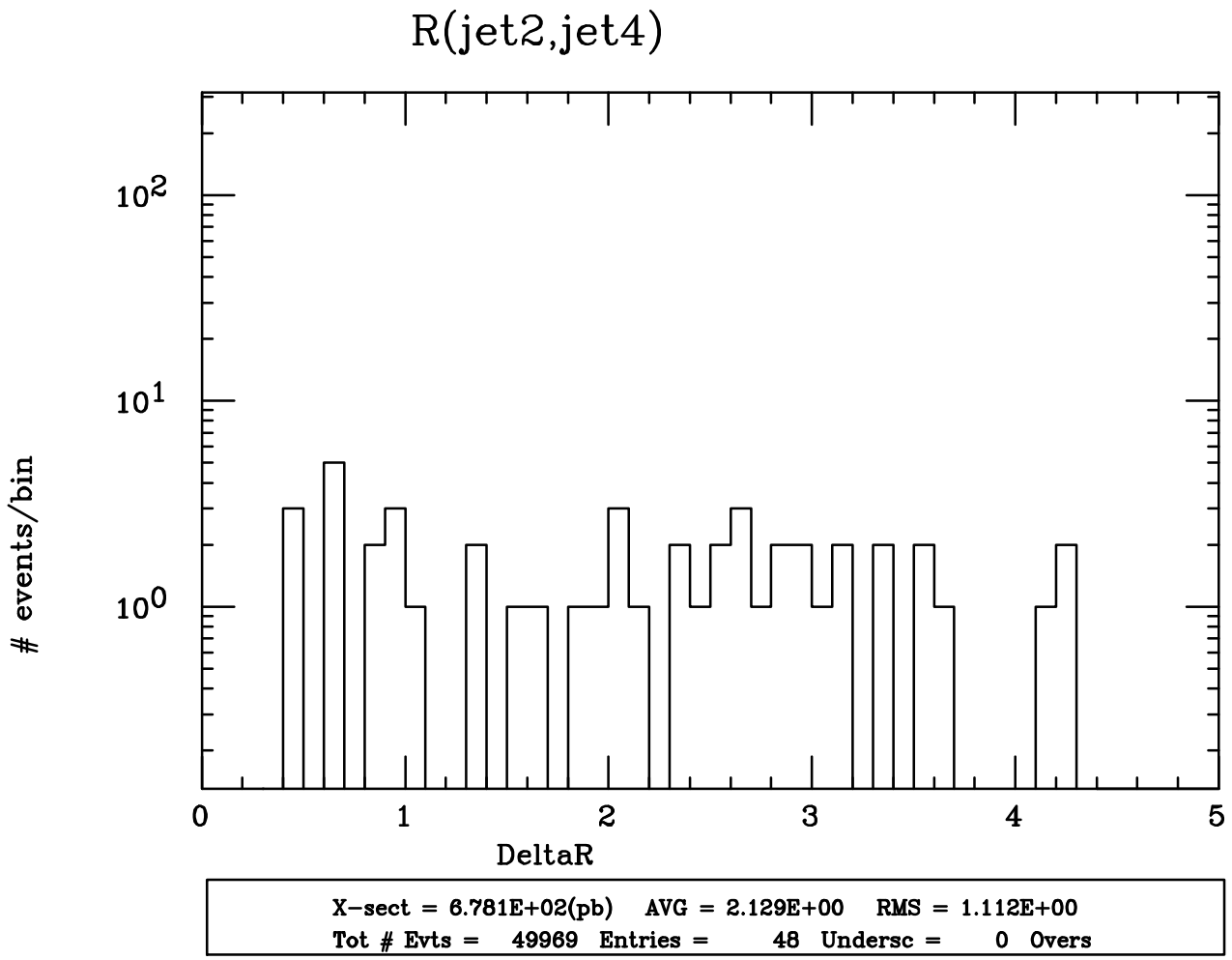

y(ta+2)
# events/bin
2
1
0
−1
−4
−2
0
2
4
y
X−sect = 6.781E+02(pb) AVG = 1.667E−01 RMS = 1.062E+00
Tot # Evts = 49969 Entries = 3 Undersc = 0 Overs

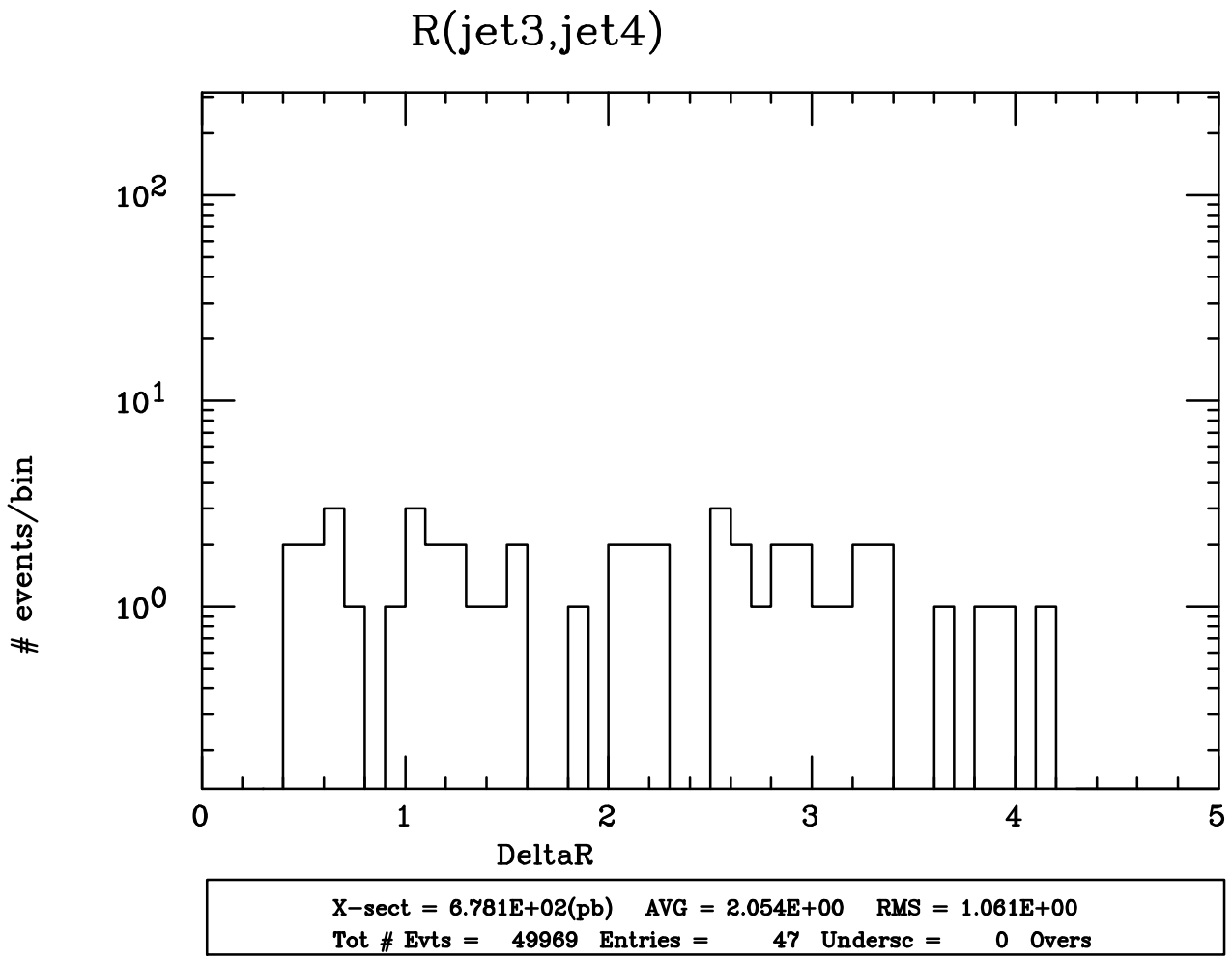

R(jet1,jet2)
# events/bin
100
50
10
5
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.165E+00 RMS = 1.157E+00
Tot # Evts = 49969 Entries = 1144 Undersc = 0 Overs

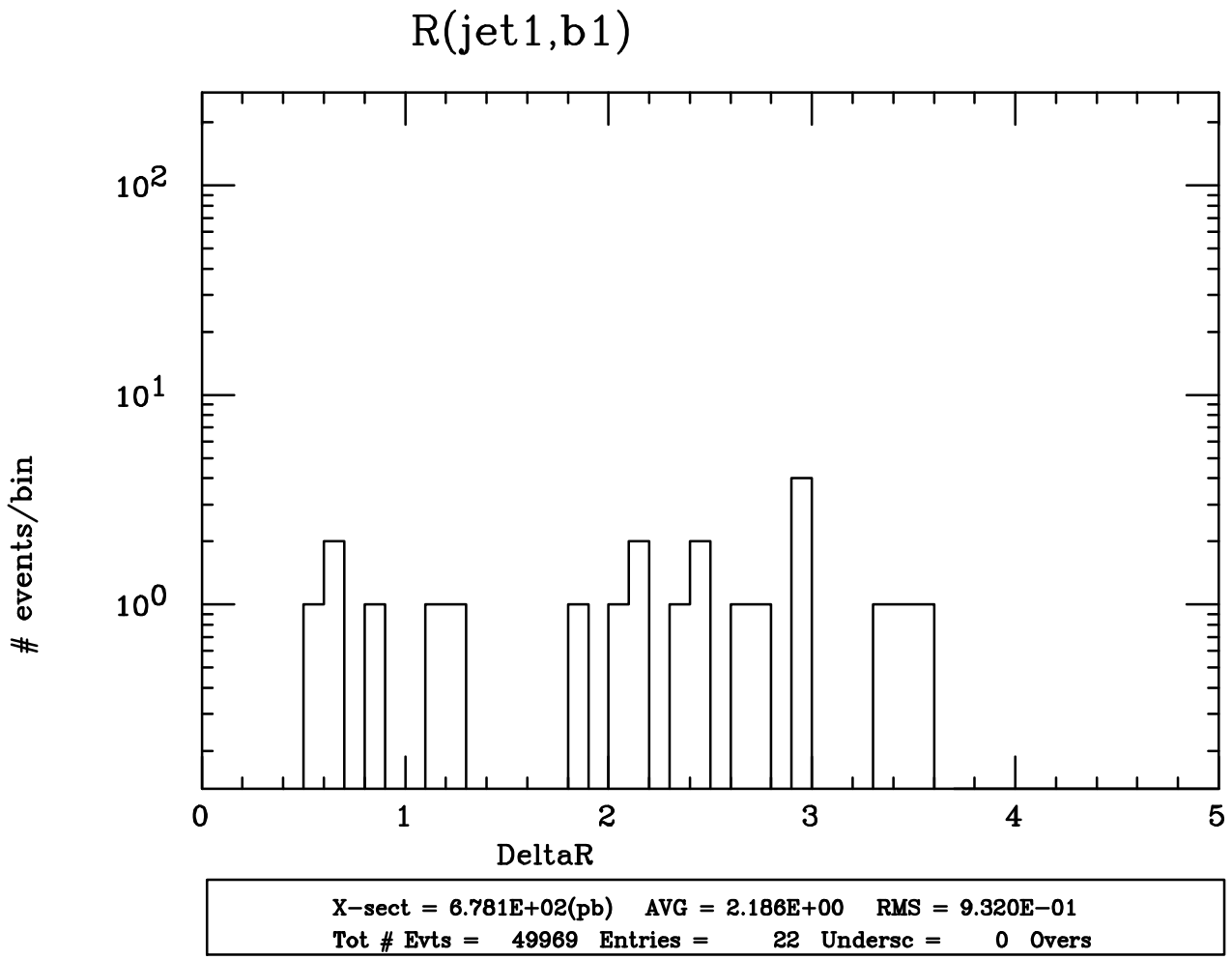

R(jet1,jet3)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.213E+00 RMS = 1.107E+00
Tot # Evts = 49969 Entries = 241 Undersc = 0 Overs

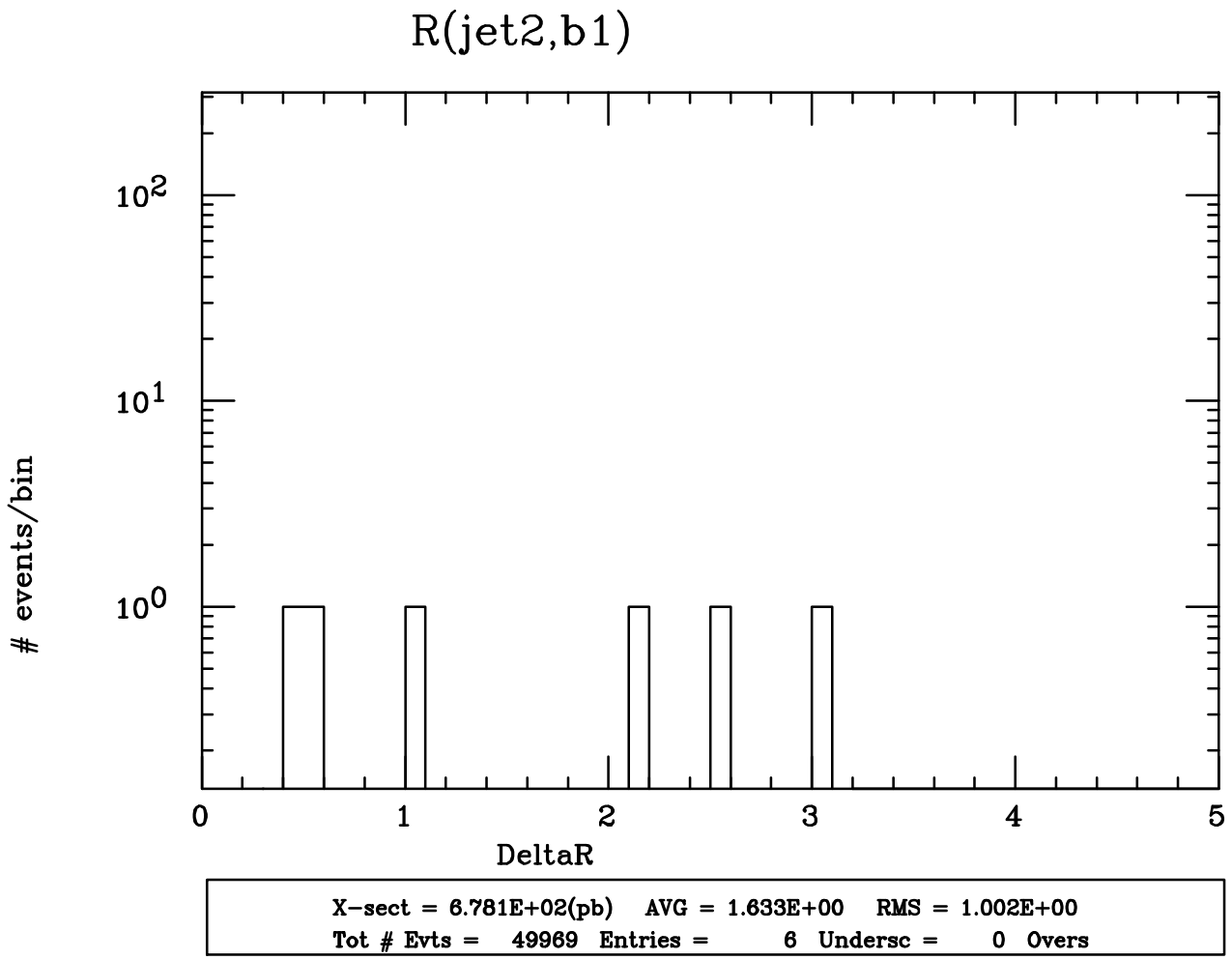

R(jet1,jet4)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.209E+00 RMS = 9.504E-01
Tot # Evts = 49969 Entries = 46 Undersc = 0 Overs

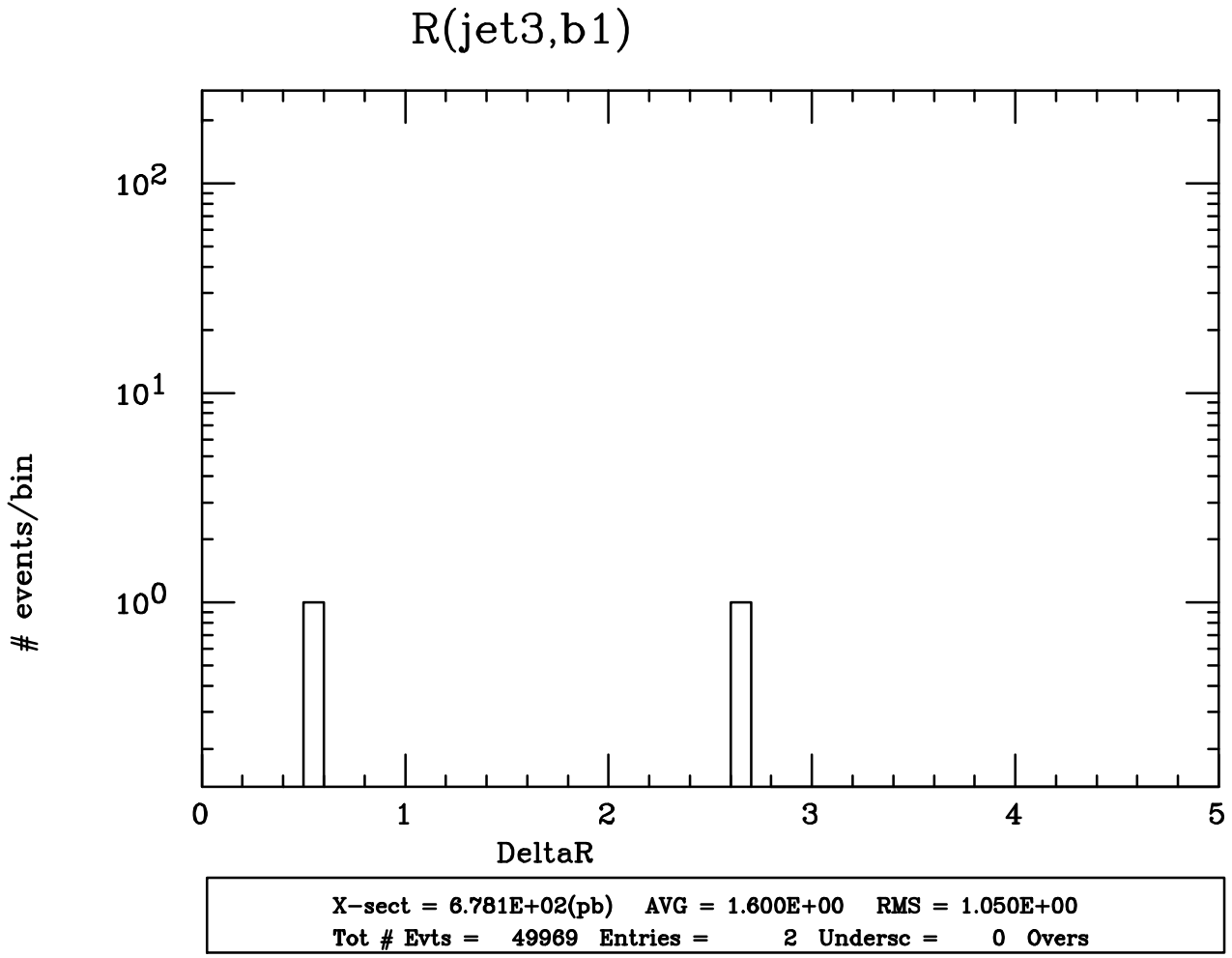

R(jet2,jet3)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.116E+00 RMS = 1.045E+00
Tot # Evts = 49969 Entries = 241 Undersc = 0 Overs

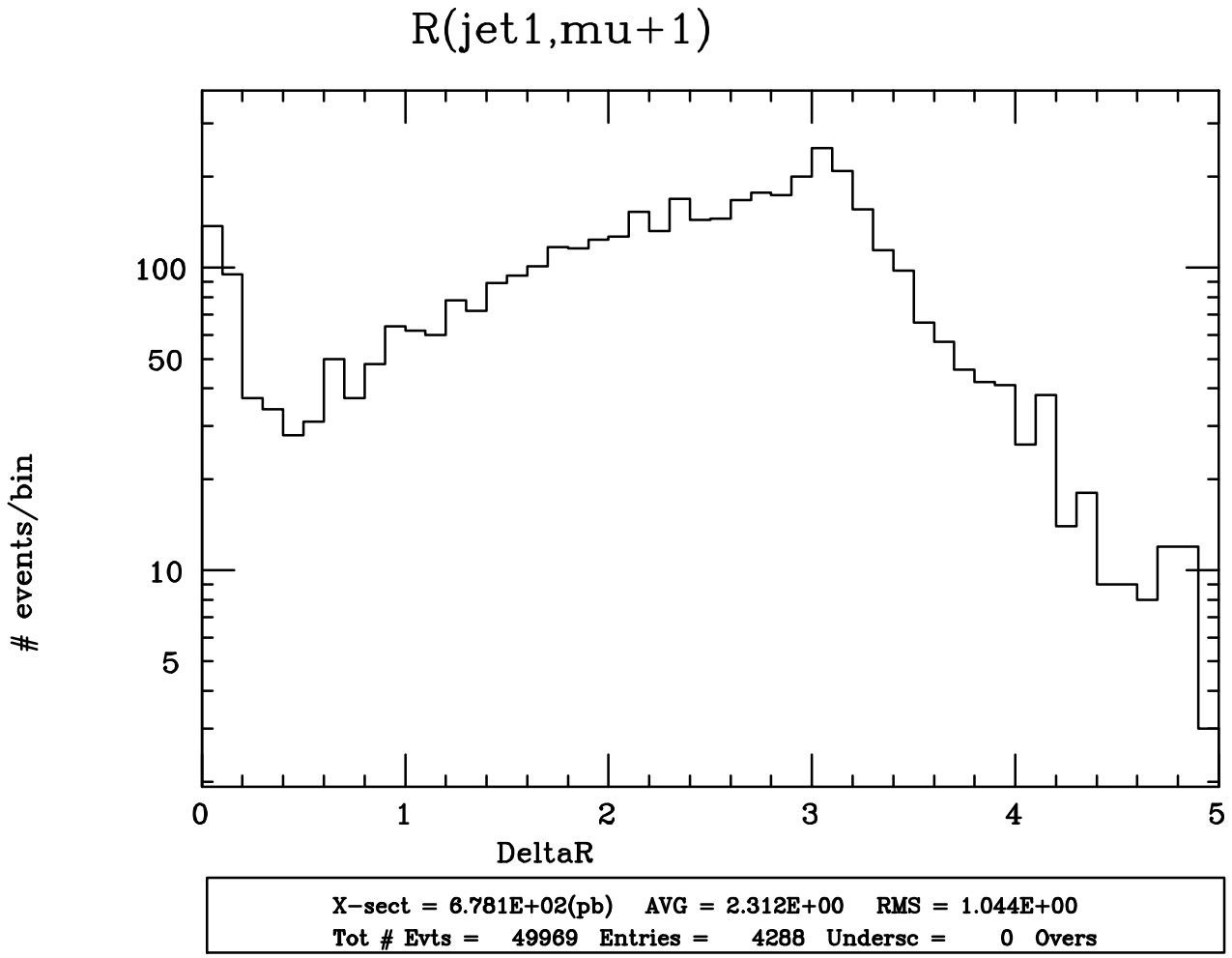

R(jet2,jet4)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.129E+00 RMS = 1.112E+00
Tot # Evts = 49969 Entries = 48 Undersc = 0 Overs

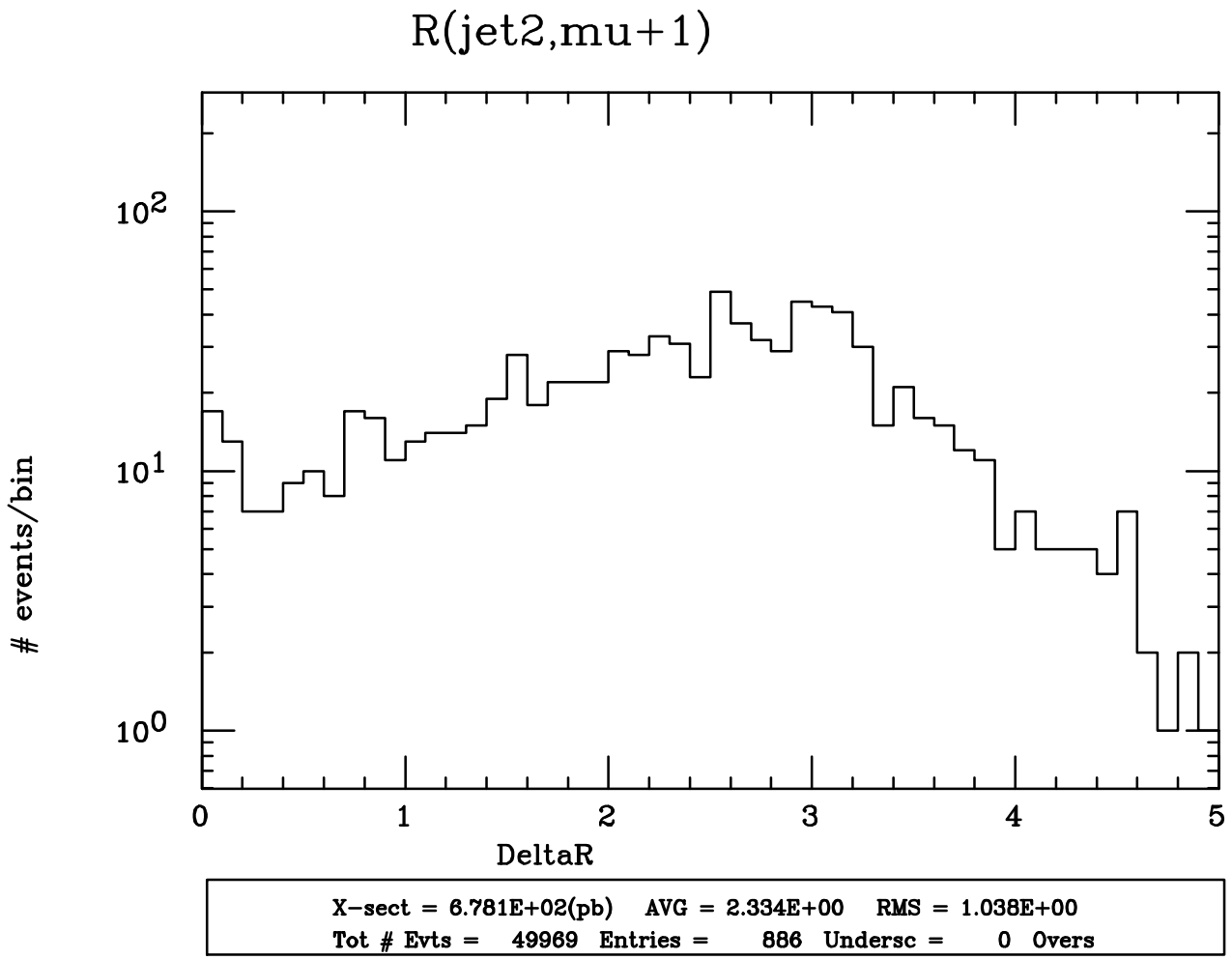

R(jet3,jet4)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.054E+00 RMS = 1.061E+00
Tot # Evts = 49969 Entries = 47 Undersc = 0 Overs

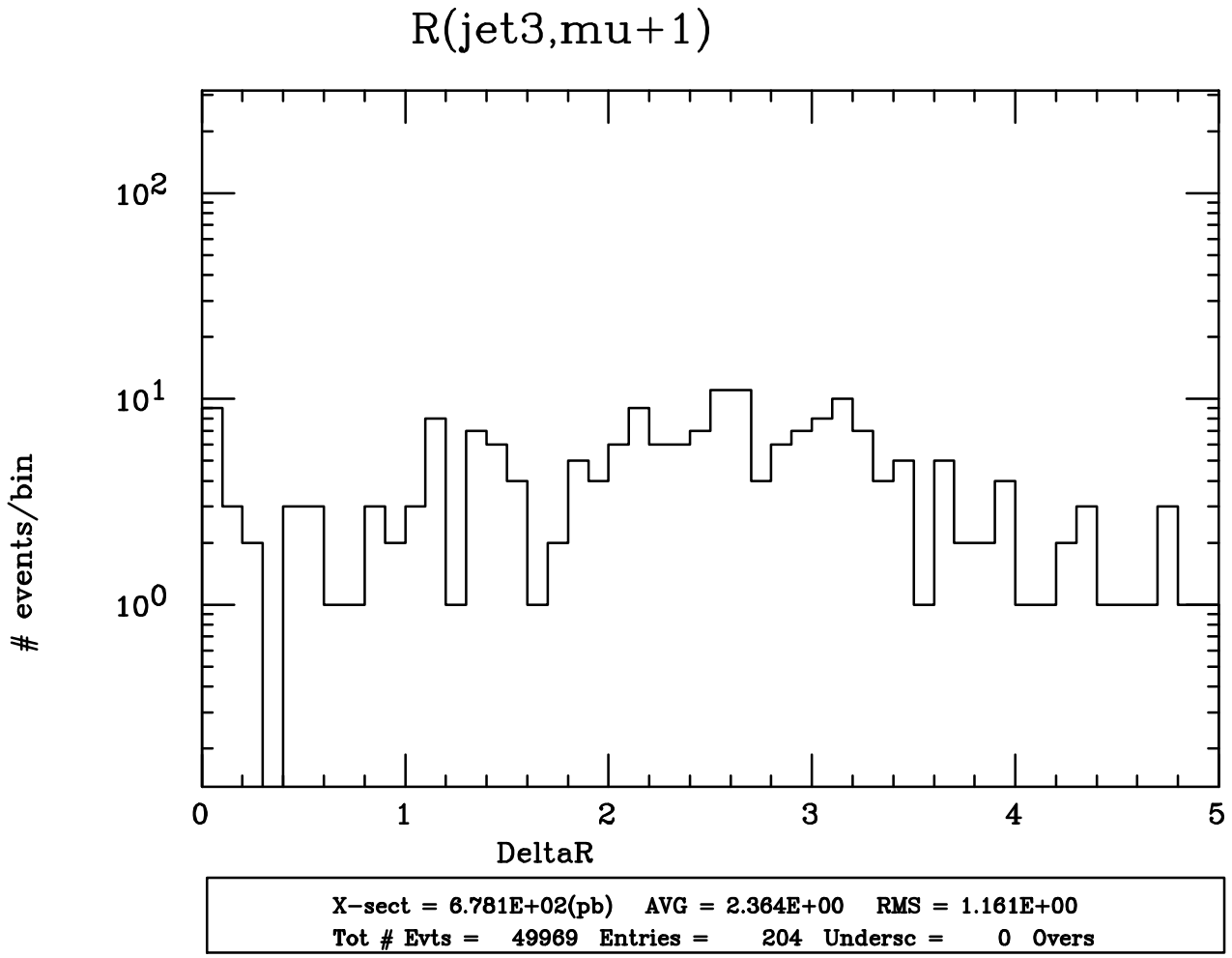

R(jet1,b1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.186E+00 RMS = 9.320E-01
Tot # Evts = 49969 Entries = 22 Undersc = 0 Overs

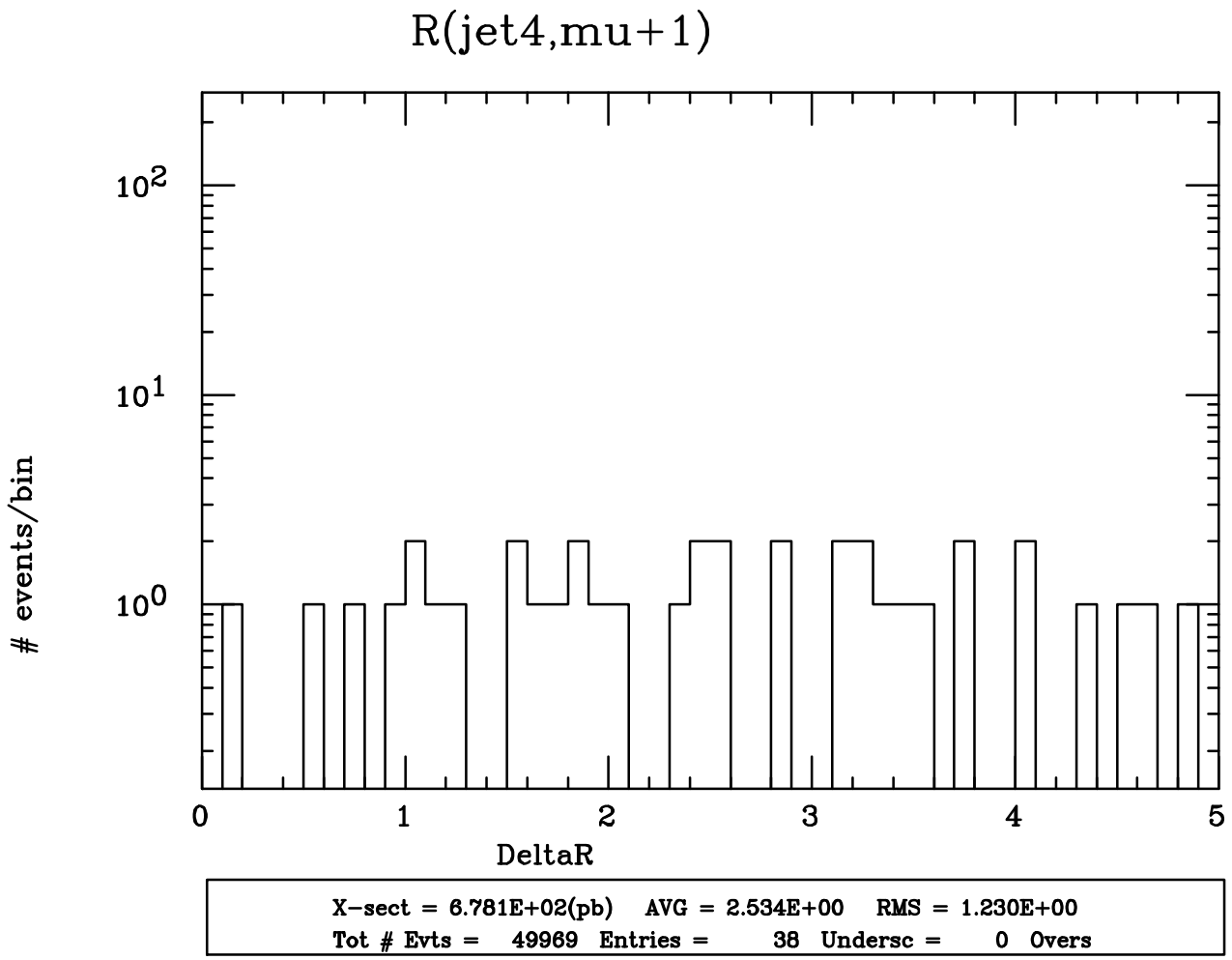

R(jet2,b1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 1.633E+00 RMS = 1.002E+00
Tot # Evts = 49969 Entries = 6 Undersc = 0 Overs

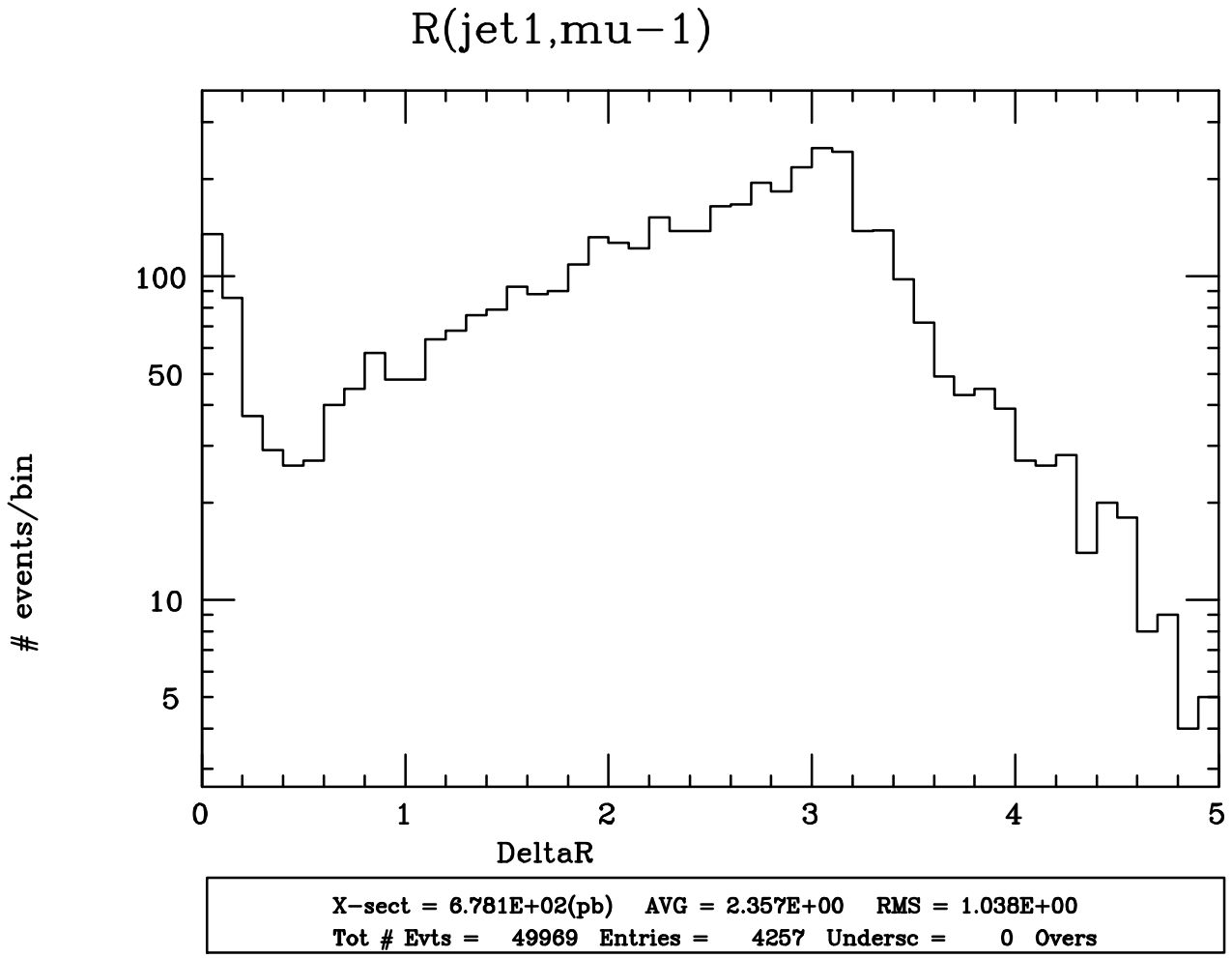

R(jet3,b1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 1.600E+00 RMS = 1.050E+00
Tot # Evts = 49969 Entries = 2 Undersc = 0 Overs

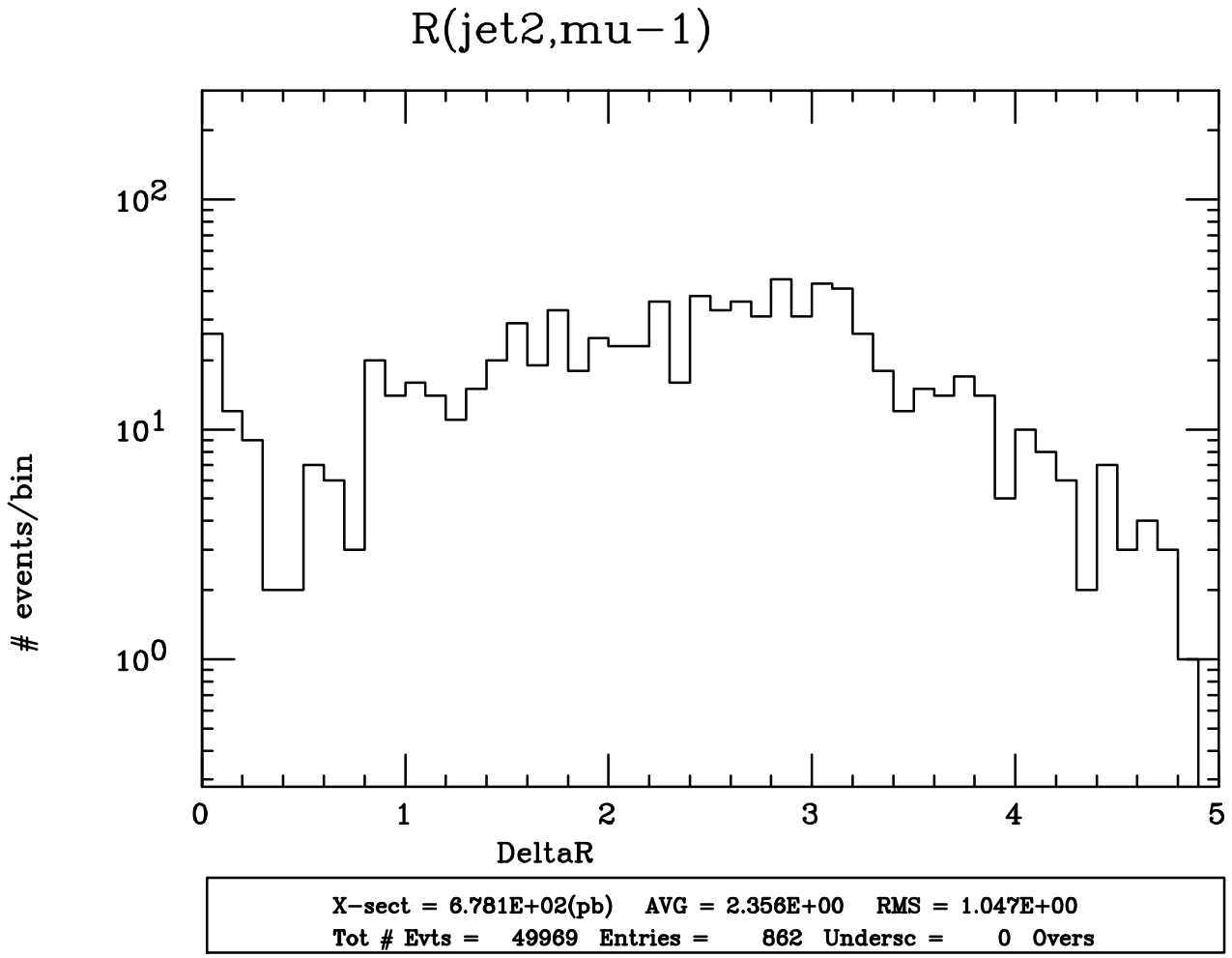

R(jet1,mu+1)
# events/bin
100
50
10
5
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.312E+00 RMS = 1.044E+00
Tot # Evts = 49969 Entries = 4288 Undersc = 0 Overs

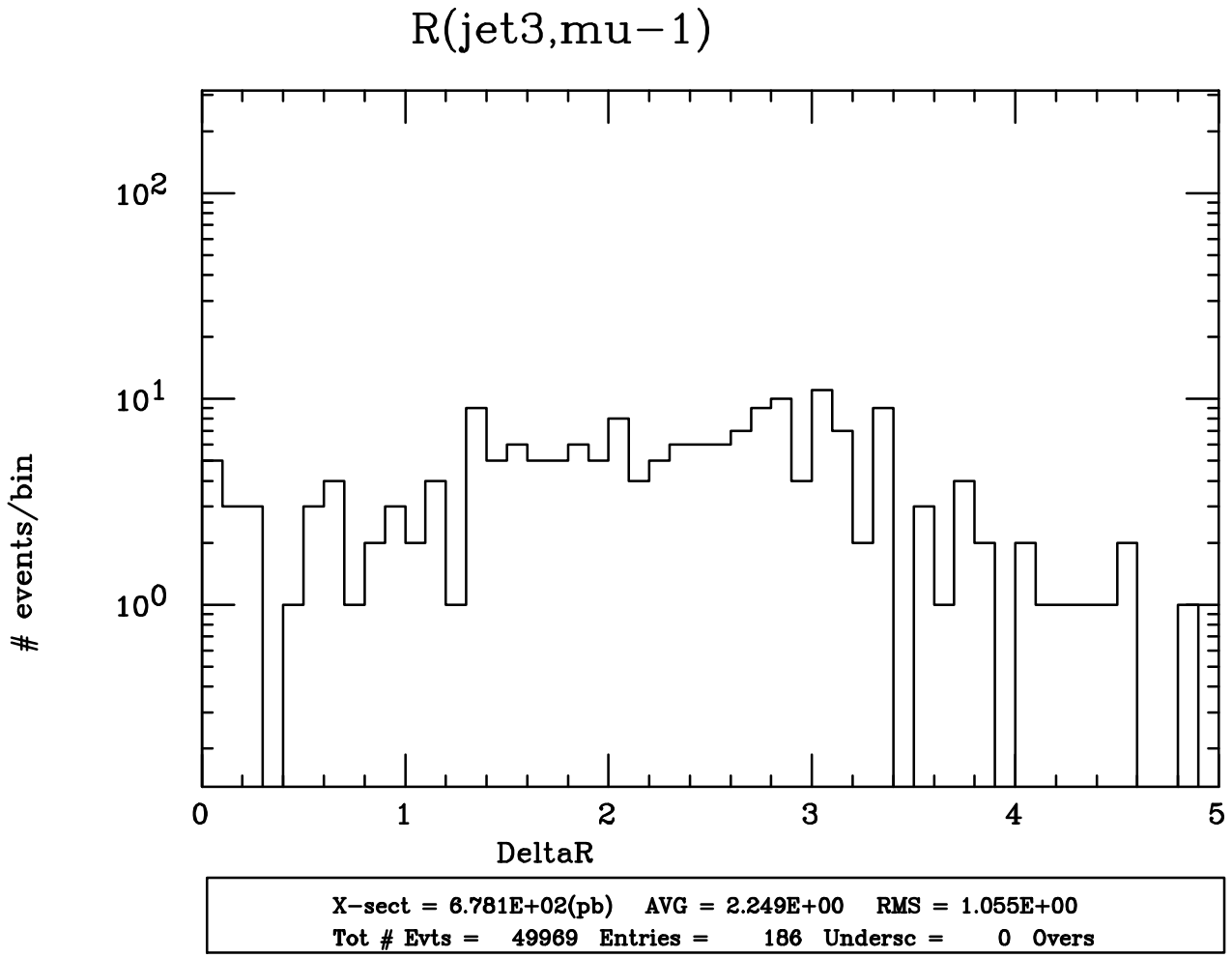

R(jet2,mu+1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.334E+00 RMS = 1.038E+00
Tot # Evts = 49969 Entries = 886 Undersc = 0 Overs

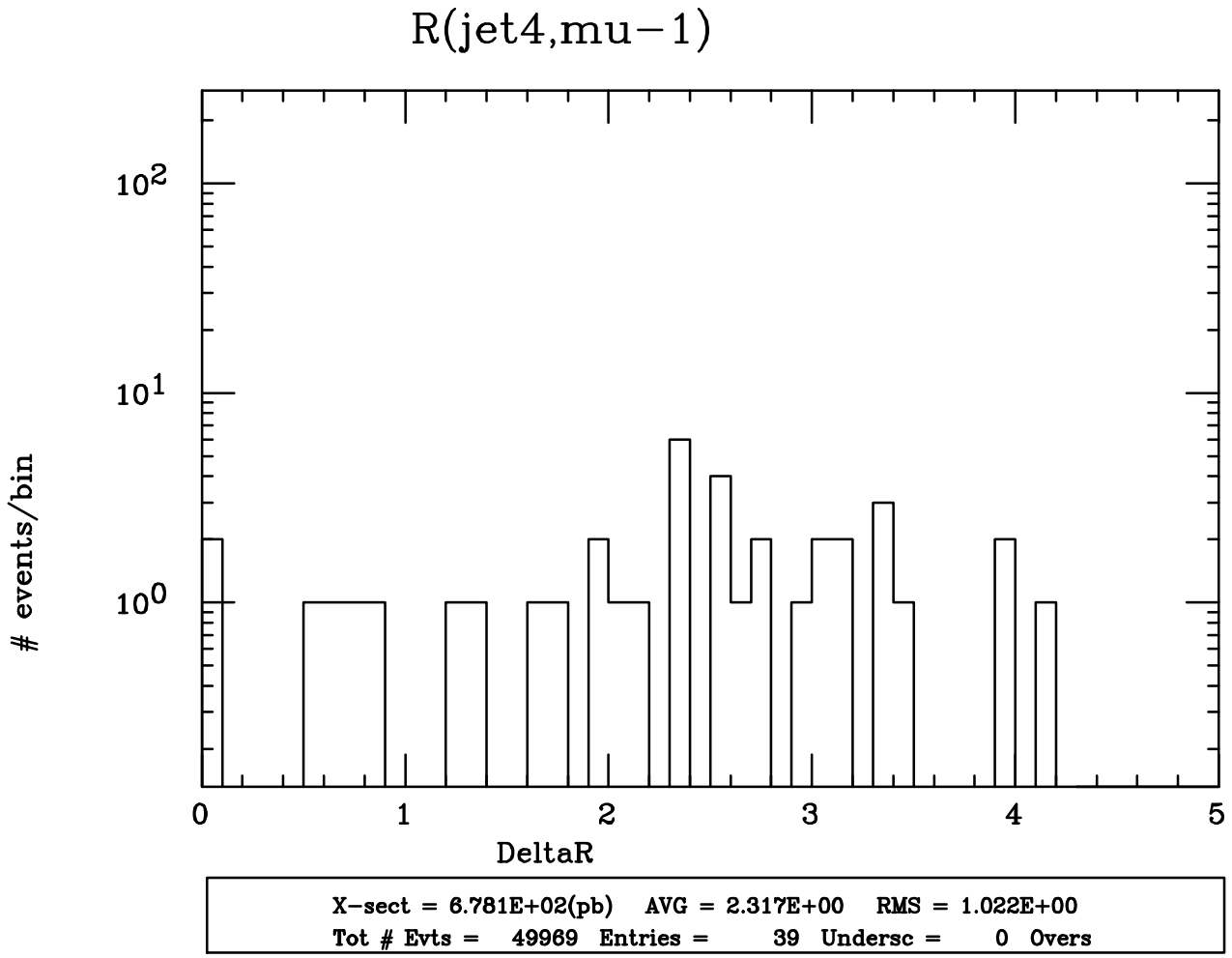

R(jet3,mu+1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.364E+00 RMS = 1.161E+00
Tot # Evts = 49969 Entries = 204 Undersc = 0 Overs

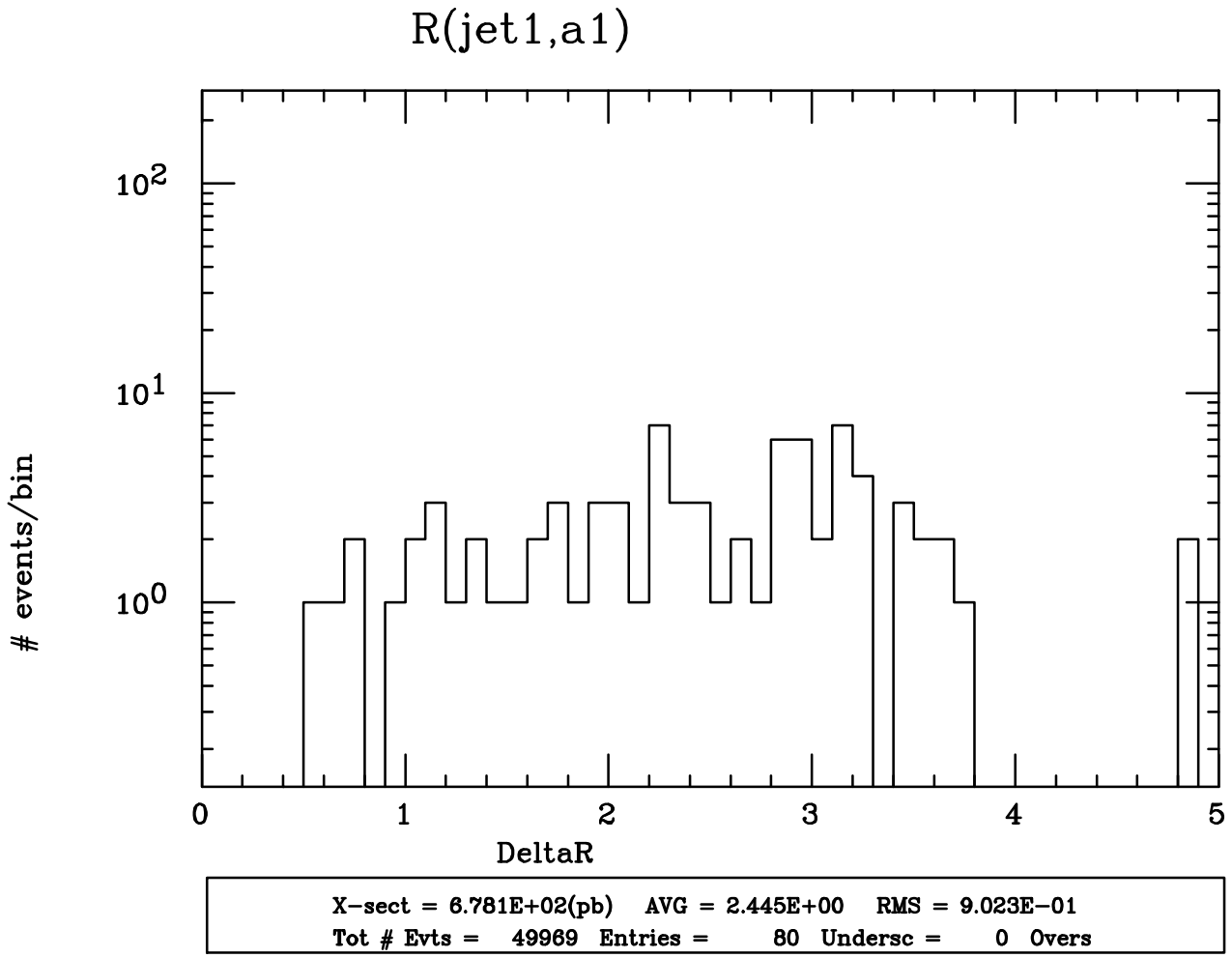

R(jet4,mu+1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.534E+00 RMS = 1.230E+00
Tot # Evts = 49969 Entries = 38 Undersc = 0 Overs

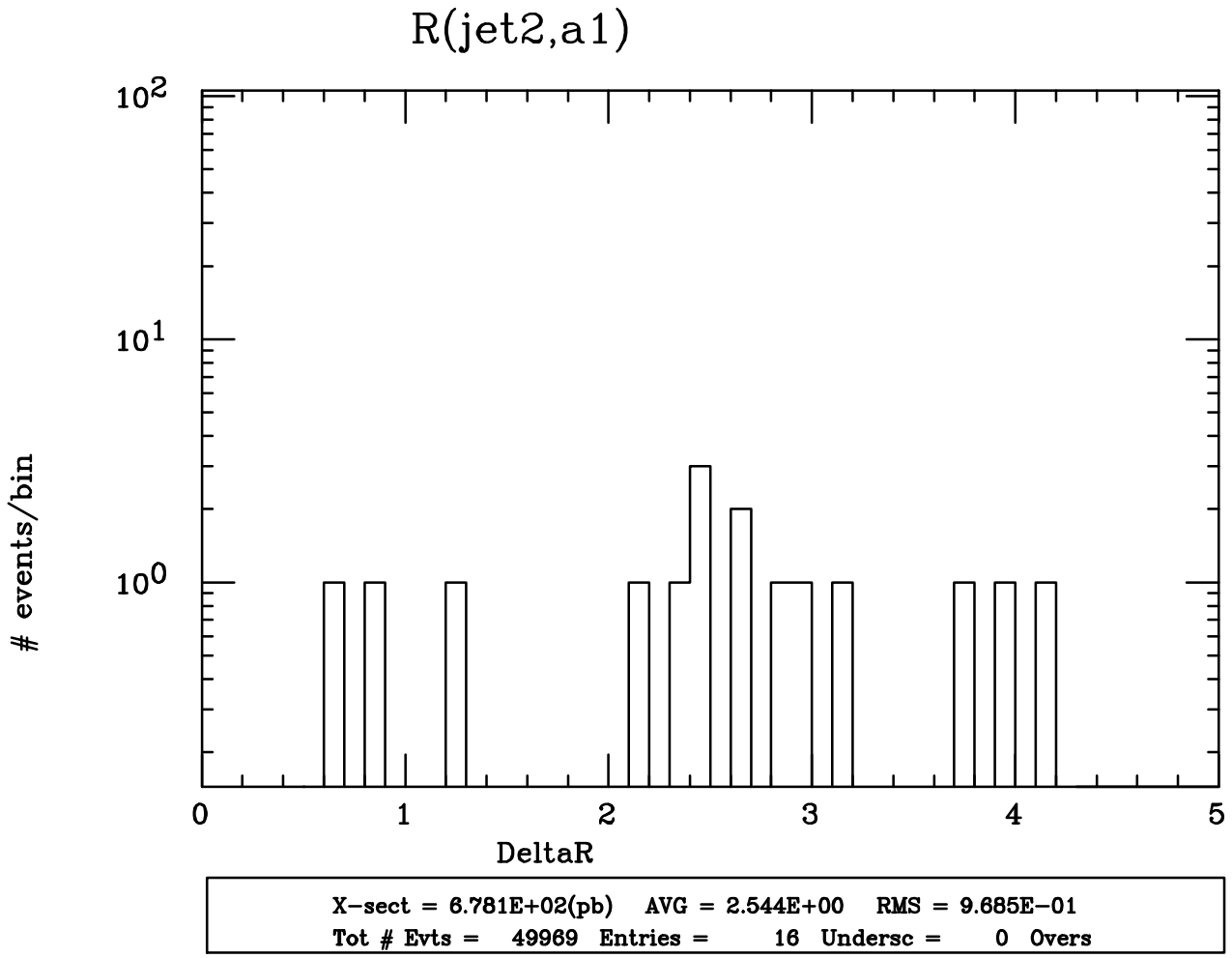

R(jet1,mu−1)
# events/bin
100
50
10
5
0
1
2
3
4
5
DeltaR
X−sect = 6.781E+02(pb) AVG = 2.357E+00 RMS = 1.038E+00
Tot # Evts = 49969 Entries = 4257 Undersc = 0 Overs

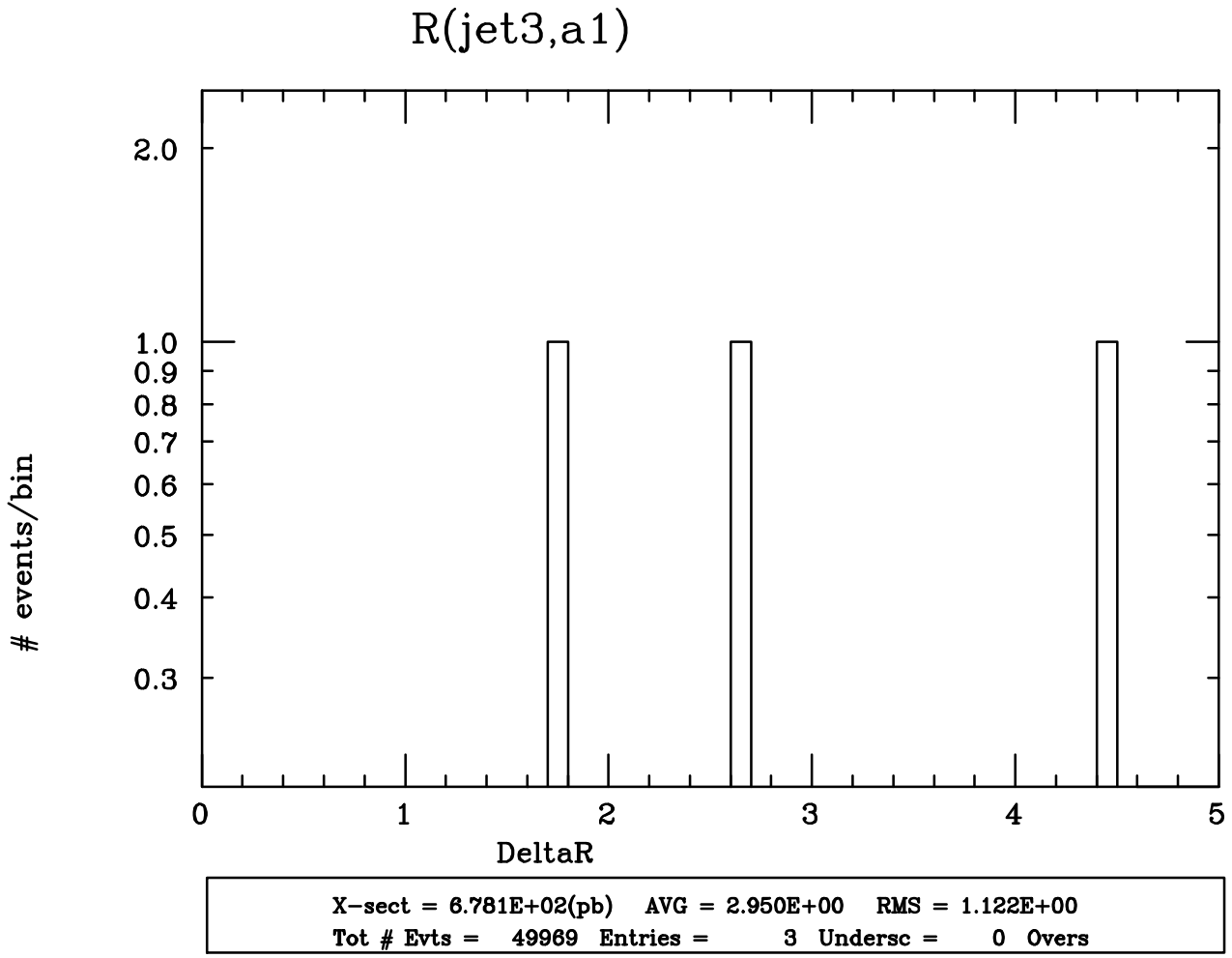

R(jet2,mu−1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 6.781E+02(pb) AVG = 2.356E+00 RMS = 1.047E+00
Tot # Evts = 49969 Entries = 862 Undersc = 0 Overs

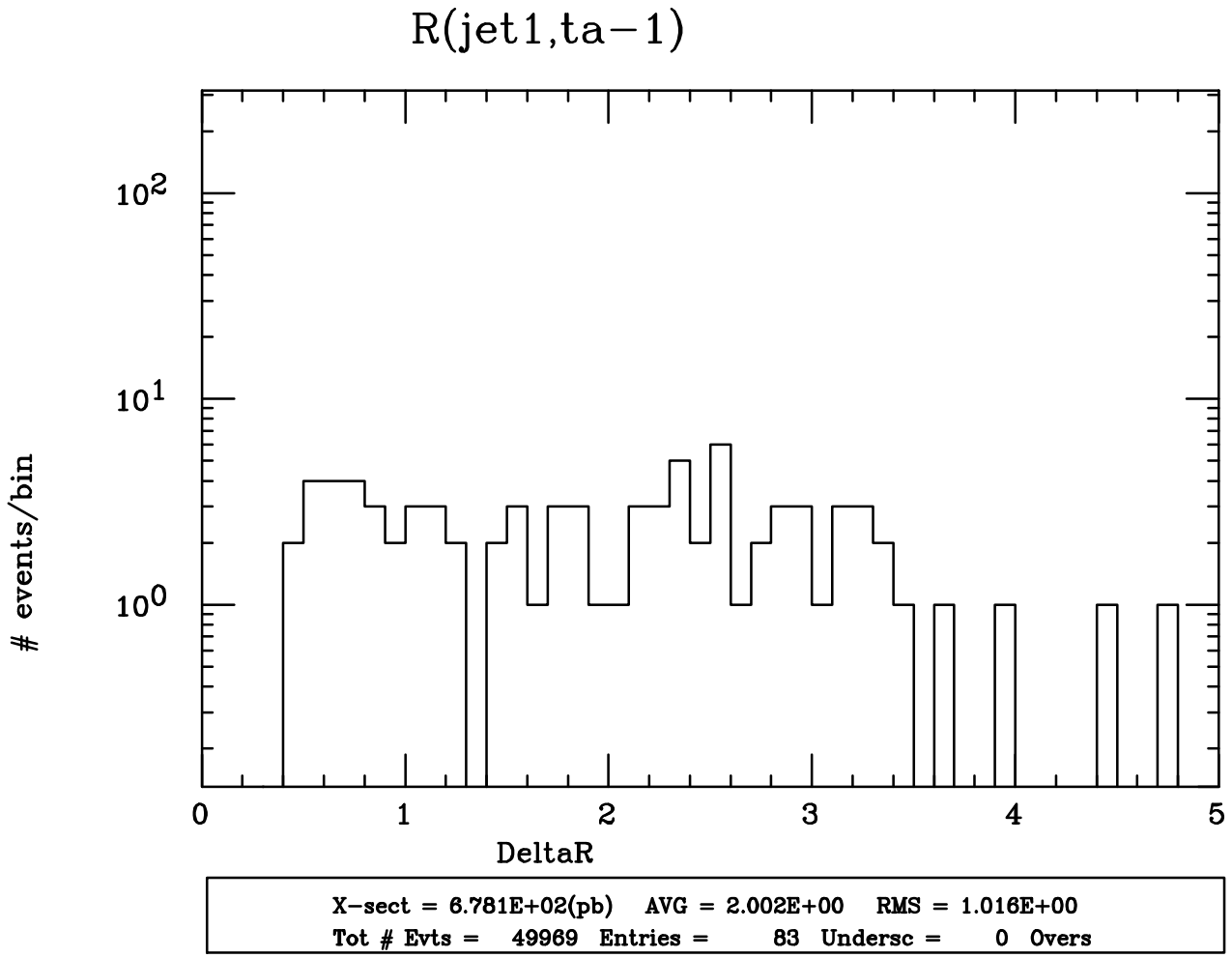

R(jet3,mu−1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 6.781E+02(pb) AVG = 2.249E+00 RMS = 1.055E+00
Tot # Evts = 49969 Entries = 186 Undersc = 0 Overs

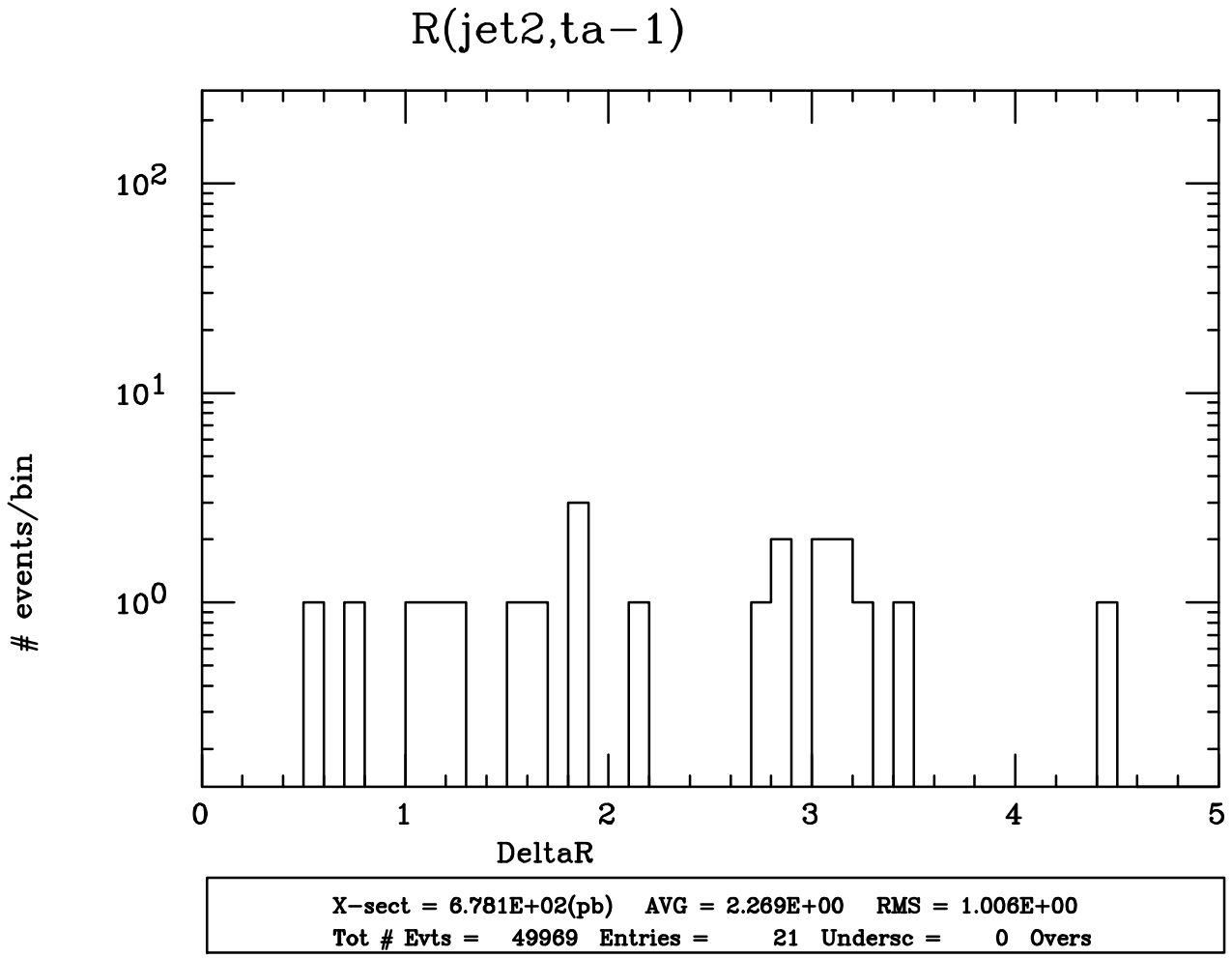

R(jet4,mu−1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 6.781E+02(pb) AVG = 2.317E+00 RMS = 1.022E+00
Tot # Evts = 49969 Entries = 39 Undersc = 0 Overs

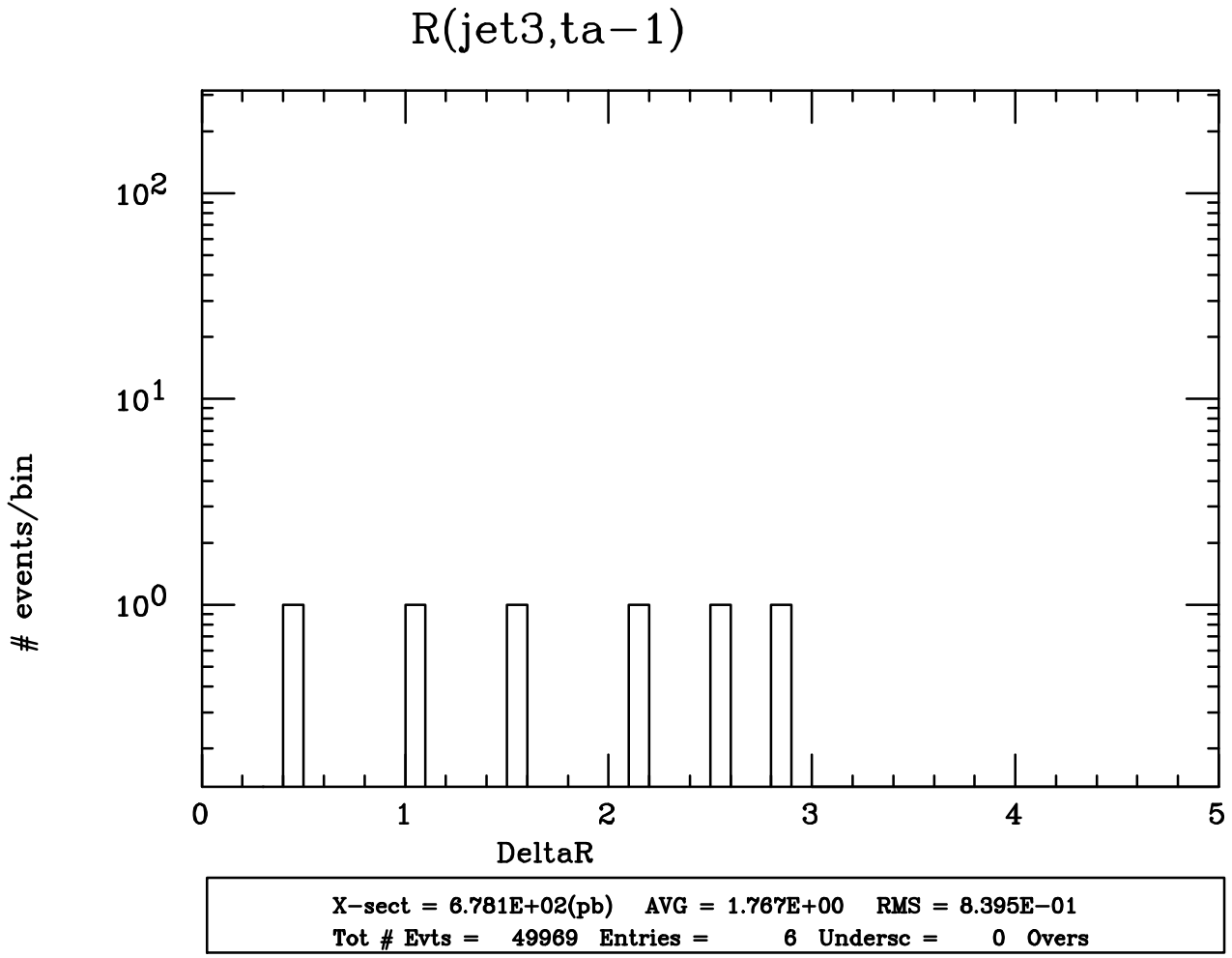

R(jet1,a1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.445E+00 RMS = 9.023E-01
Tot # Evts = 49969 Entries = 80 Undersc = 0 Overs

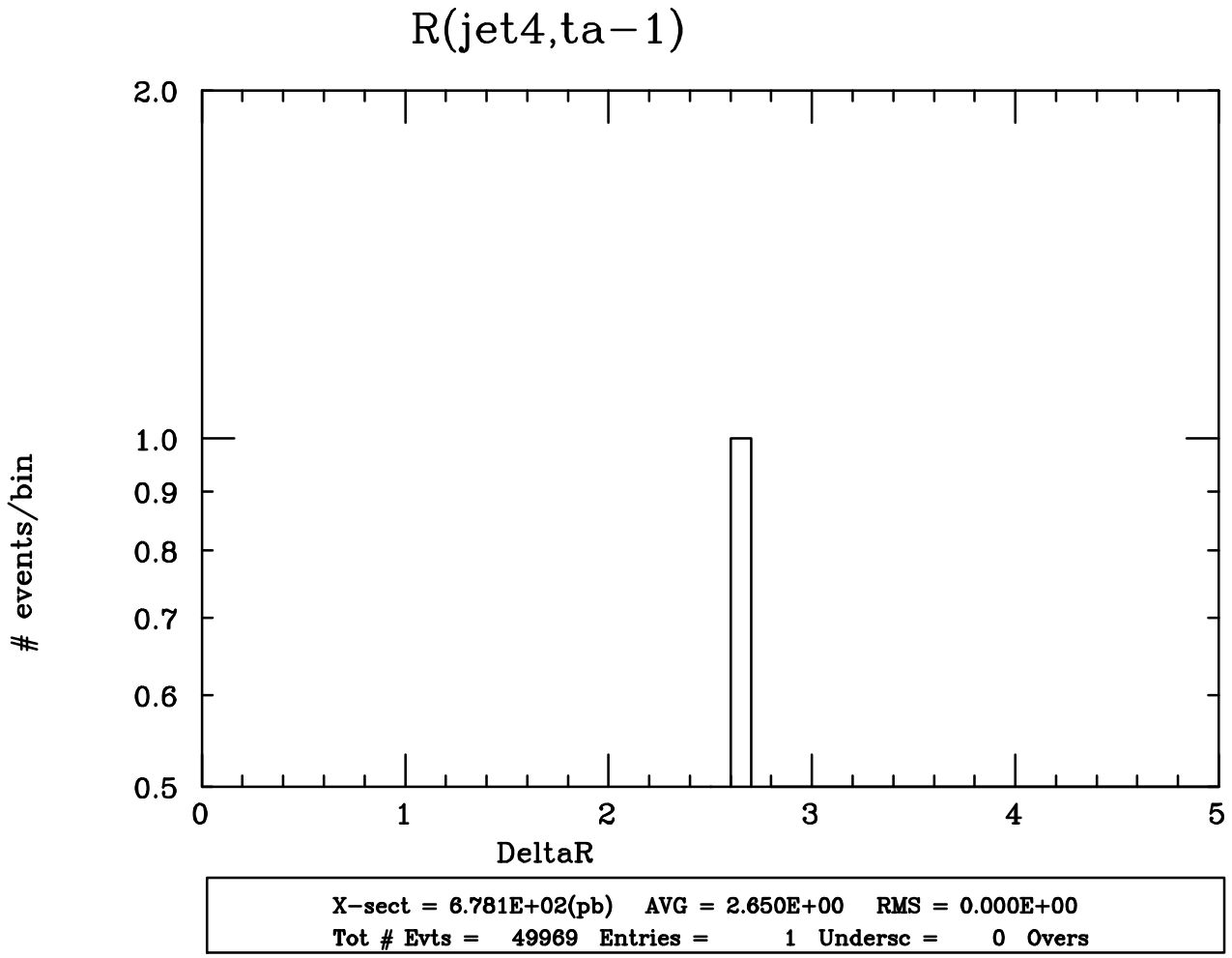

R(jet2,a1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.544E+00 RMS = 9.685E-01
Tot # Evts = 49969 Entries = 16 Undersc = 0 Overs

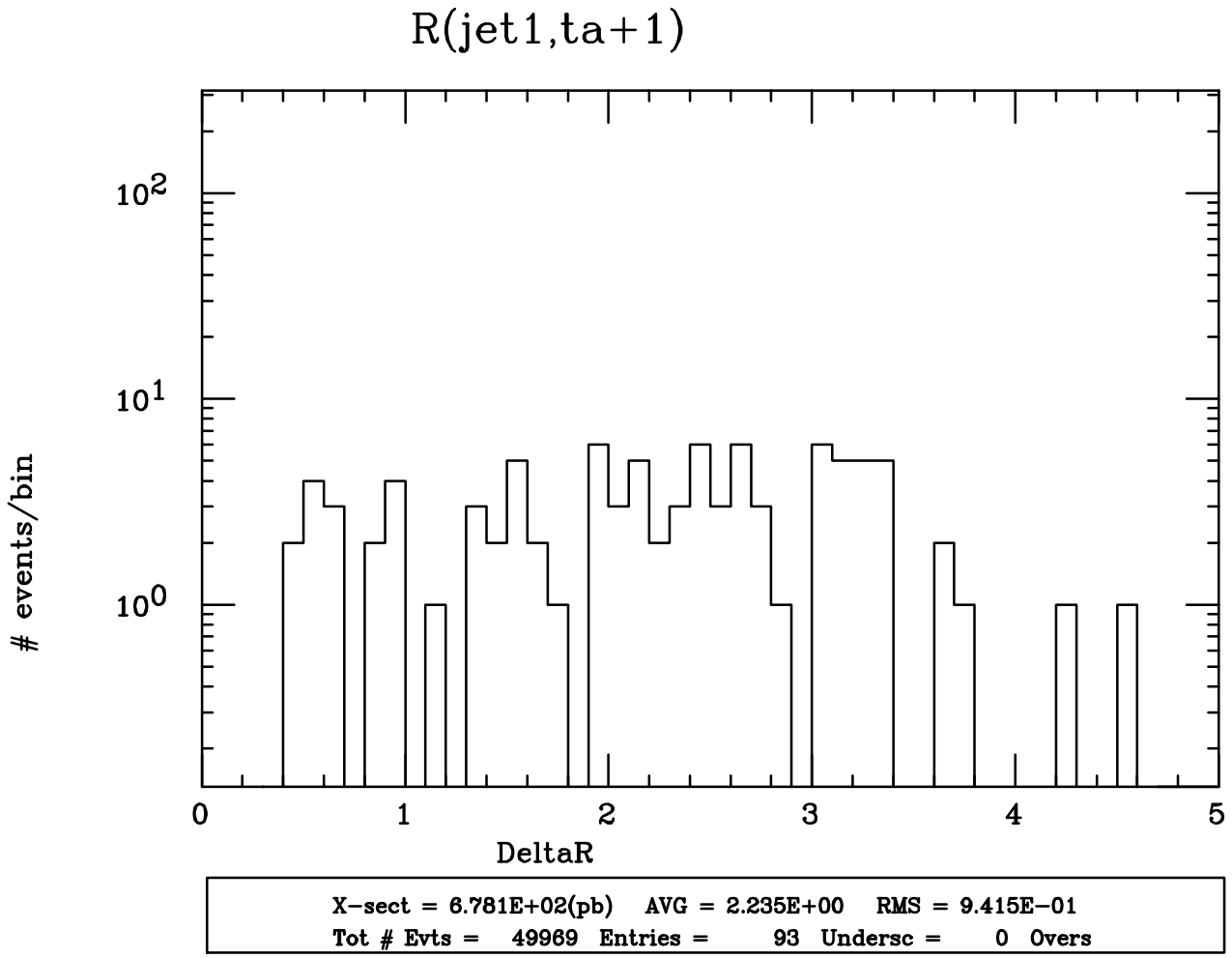

R(jet3,a1)
# events/bin
2.0
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.950E+00 RMS = 1.122E+00
Tot # Evts = 49969 Entries = 3 Undersc = 0 Overs

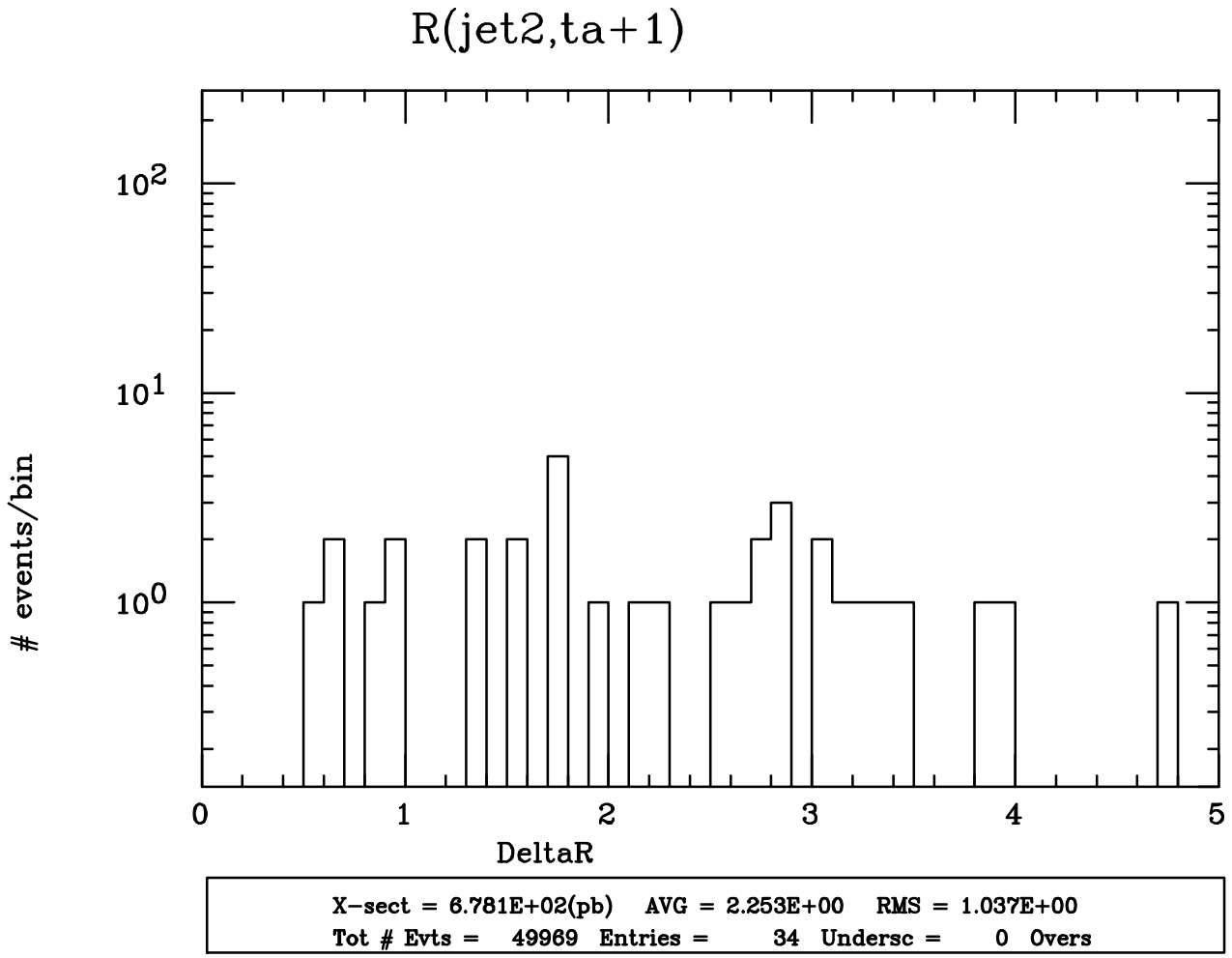

R(jet1,ta−1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 6.781E+02(pb) AVG = 2.002E+00 RMS = 1.016E+00
Tot # Evts = 49969 Entries = 83 Undersc = 0 Overs

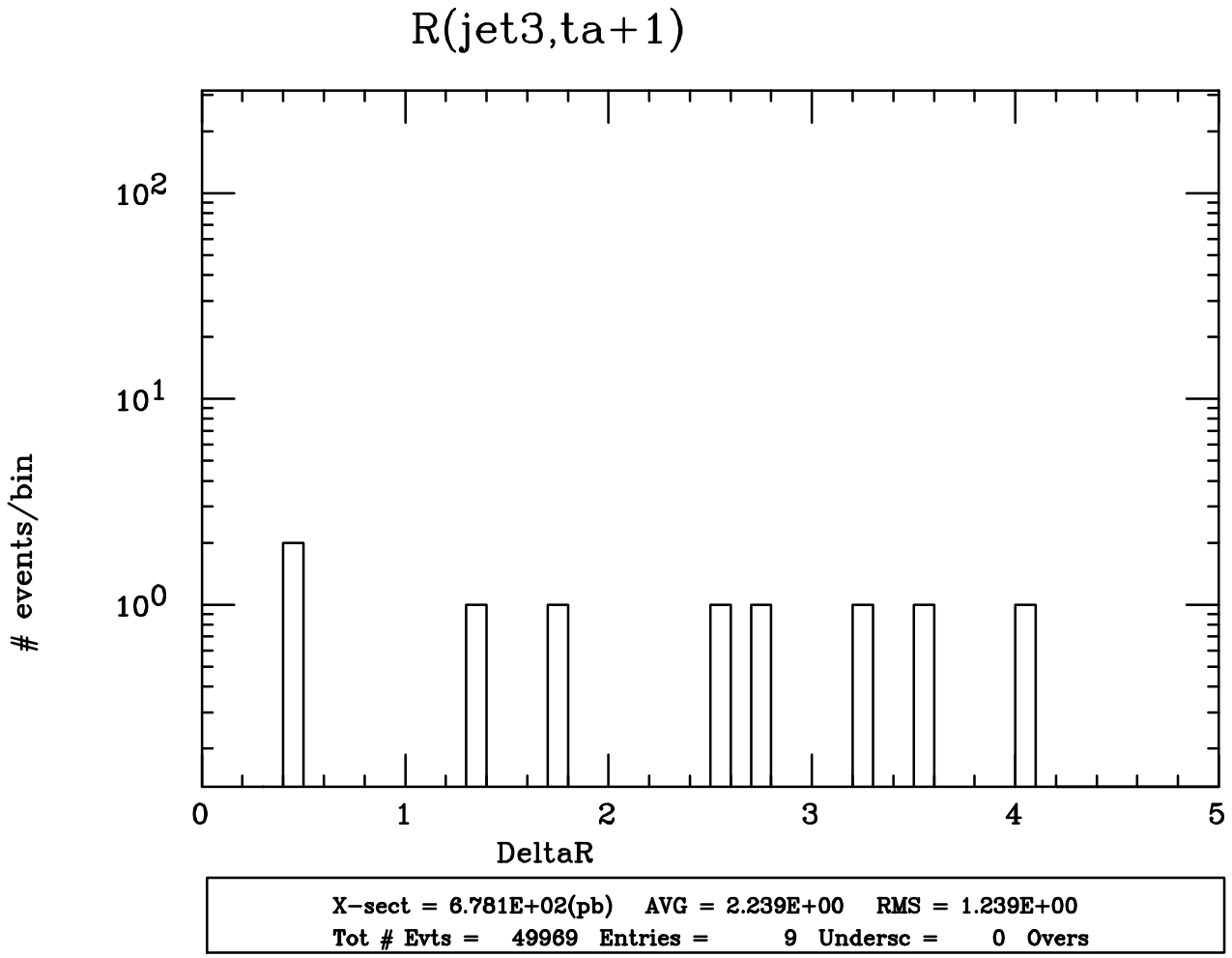

R(jet2,ta−1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 6.781E+02(pb) AVG = 2.269E+00 RMS = 1.006E+00
Tot # Evts = 49969 Entries = 21 Undersc = 0 Overs

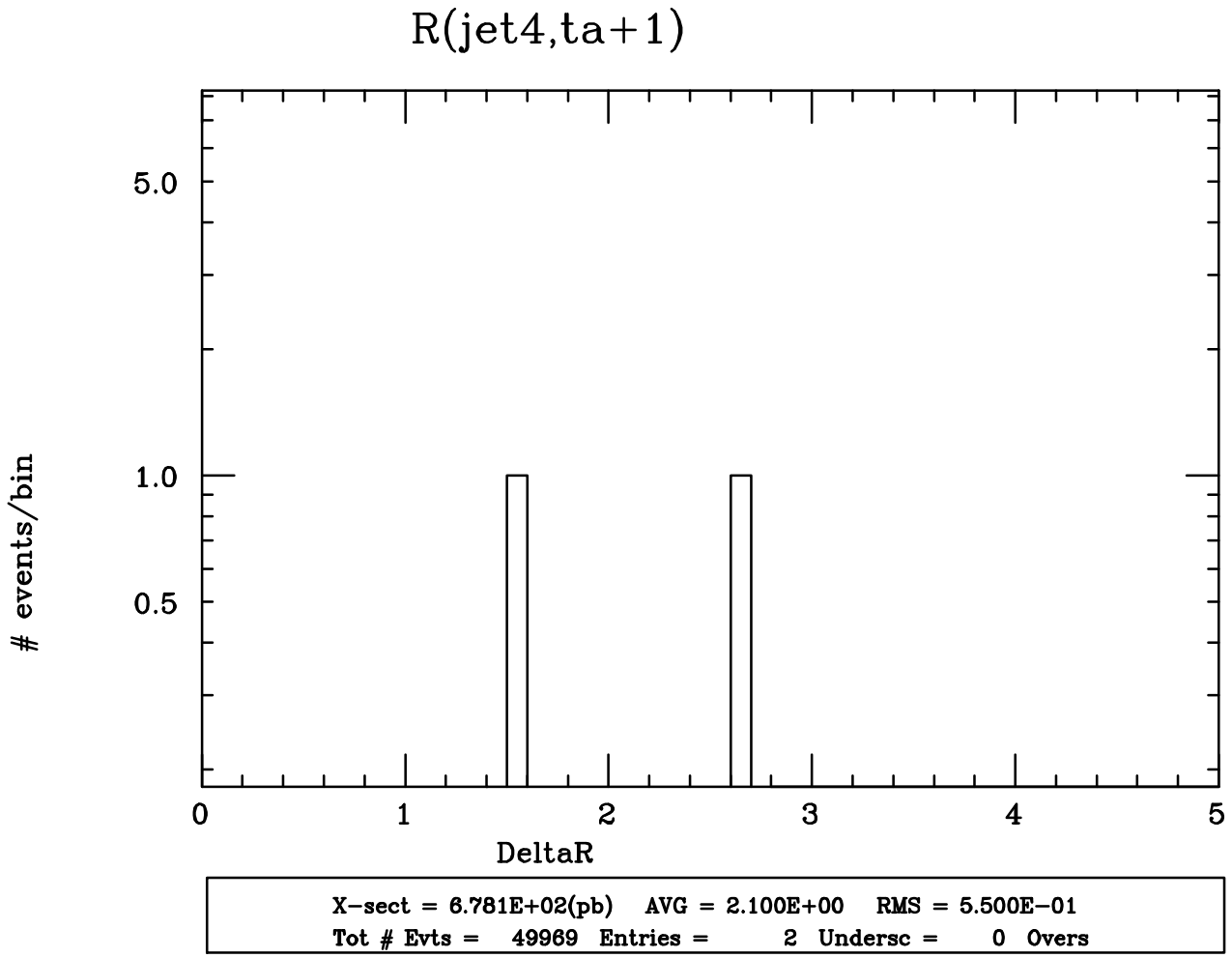

R(jet3,ta−1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 6.781E+02(pb) AVG = 1.767E+00 RMS = 8.395E−01
Tot # Evts = 49969 Entries = 6 Undersc = 0 Overs

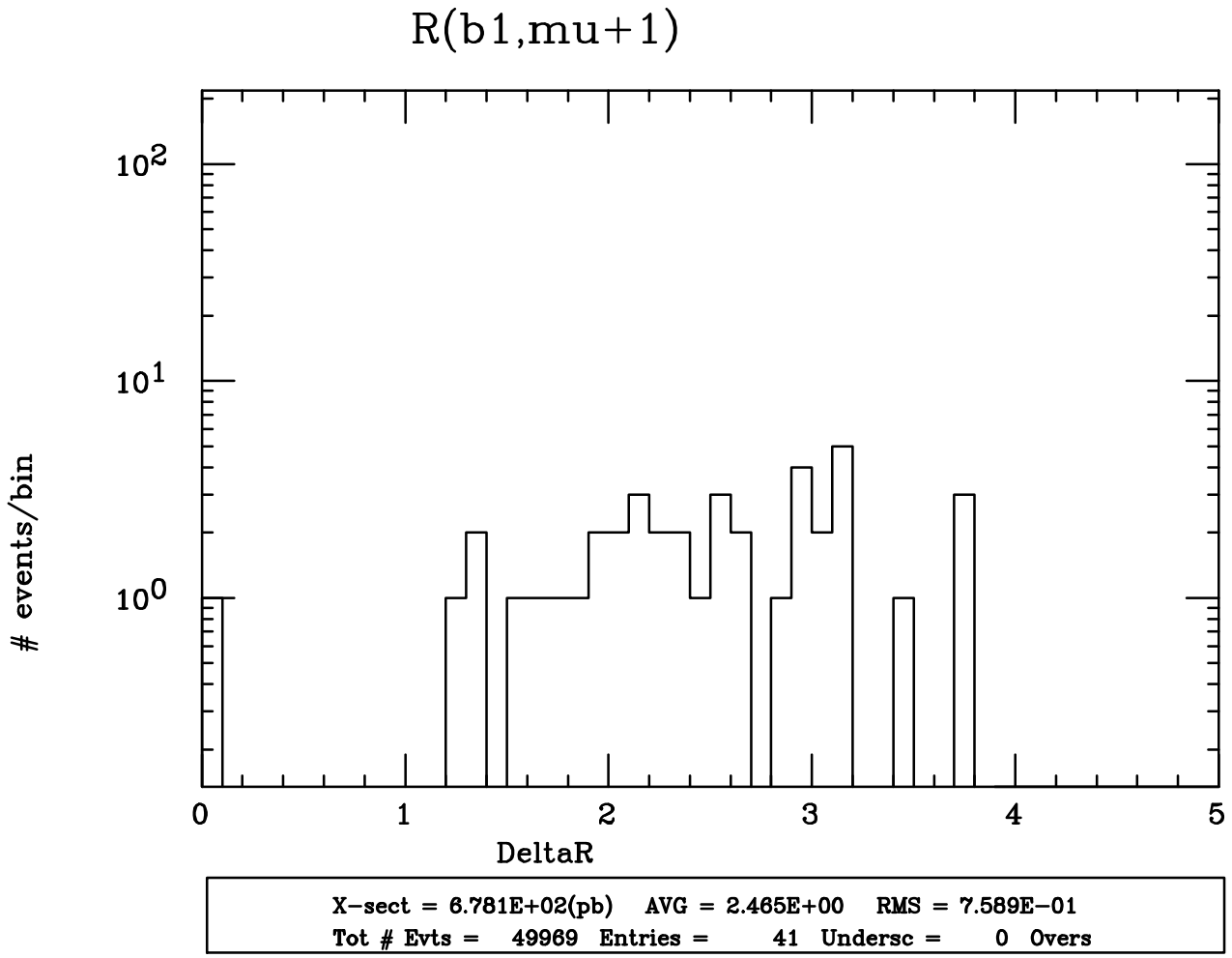

R(jet4,ta−1)
2.0
1.0
0.9
0.8
0.7
0.6
0.5
events/bin
0
1
2
3
4
5
DeltaR
X−sect = 6.781E+02(pb) AVG = 2.650E+00 RMS = 0.000E+00
Tot # Evts = 49969 Entries = 1 Undersc = 0 Overs

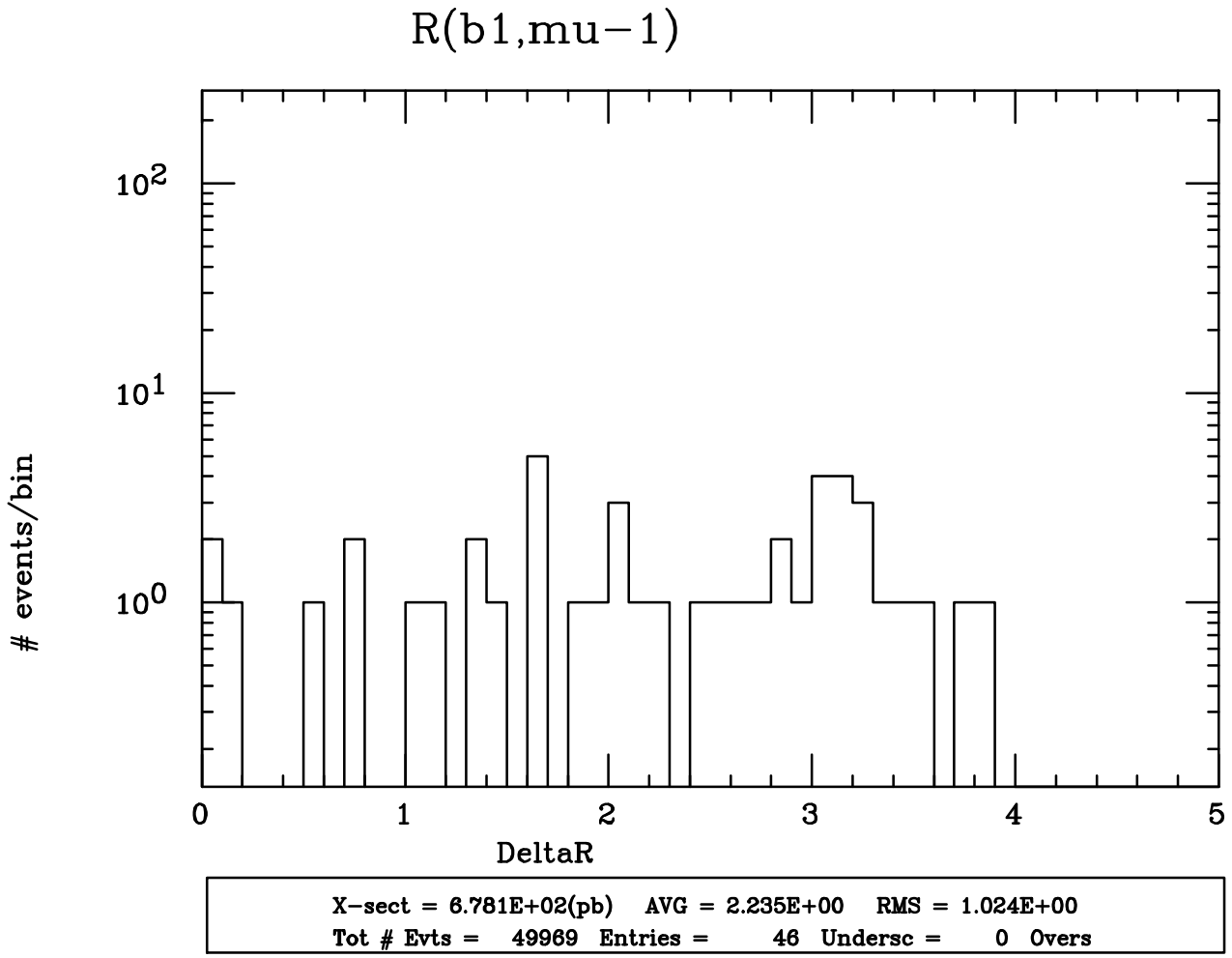

R(jet1,ta+1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.235E+00 RMS = 9.415E-01
Tot # Evts = 49969 Entries = 93 Undersc = 0 Overs

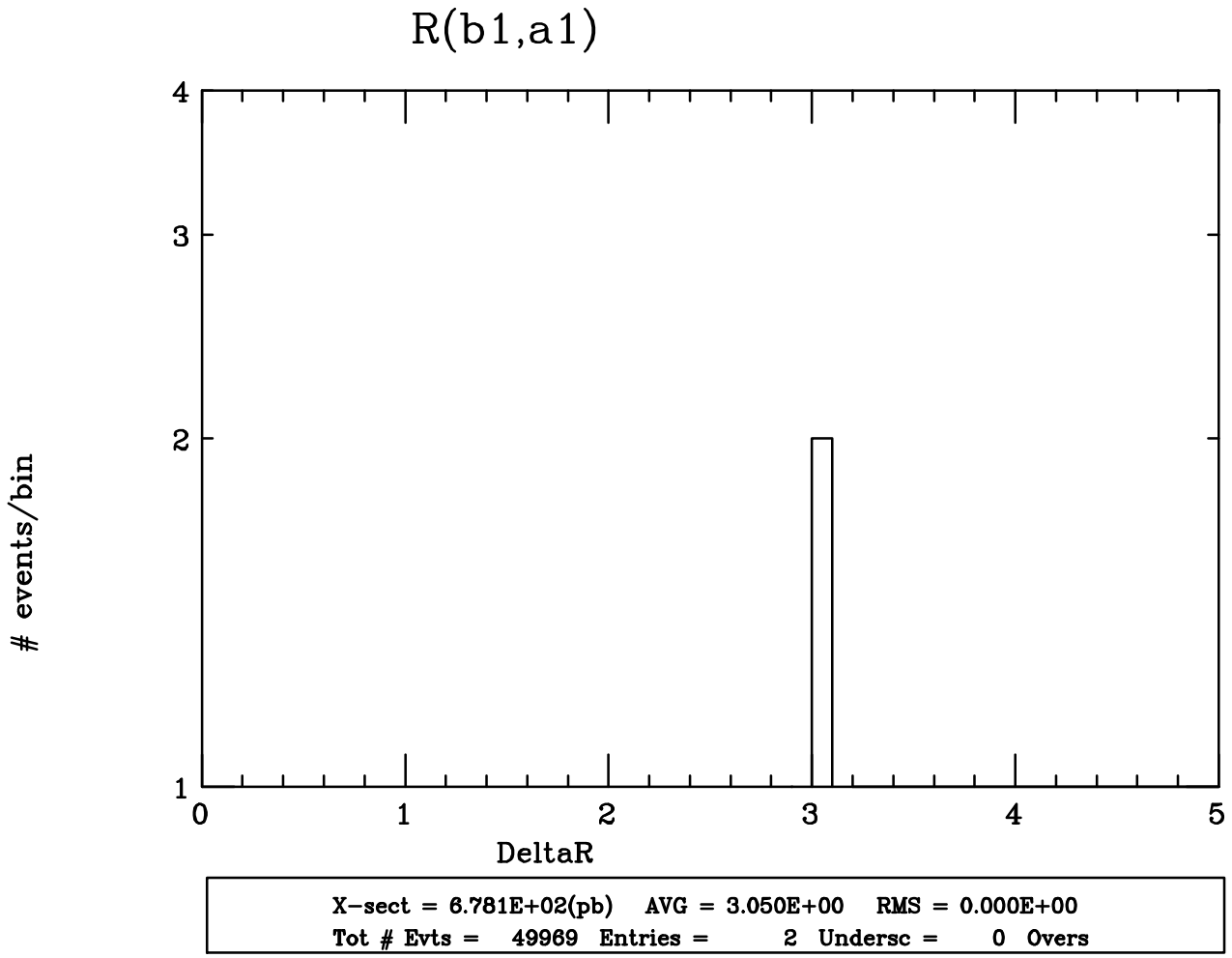

R(jet2,ta+1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.253E+00 RMS = 1.037E+00
Tot # Evts = 49969 Entries = 34 Undersc = 0 Overs

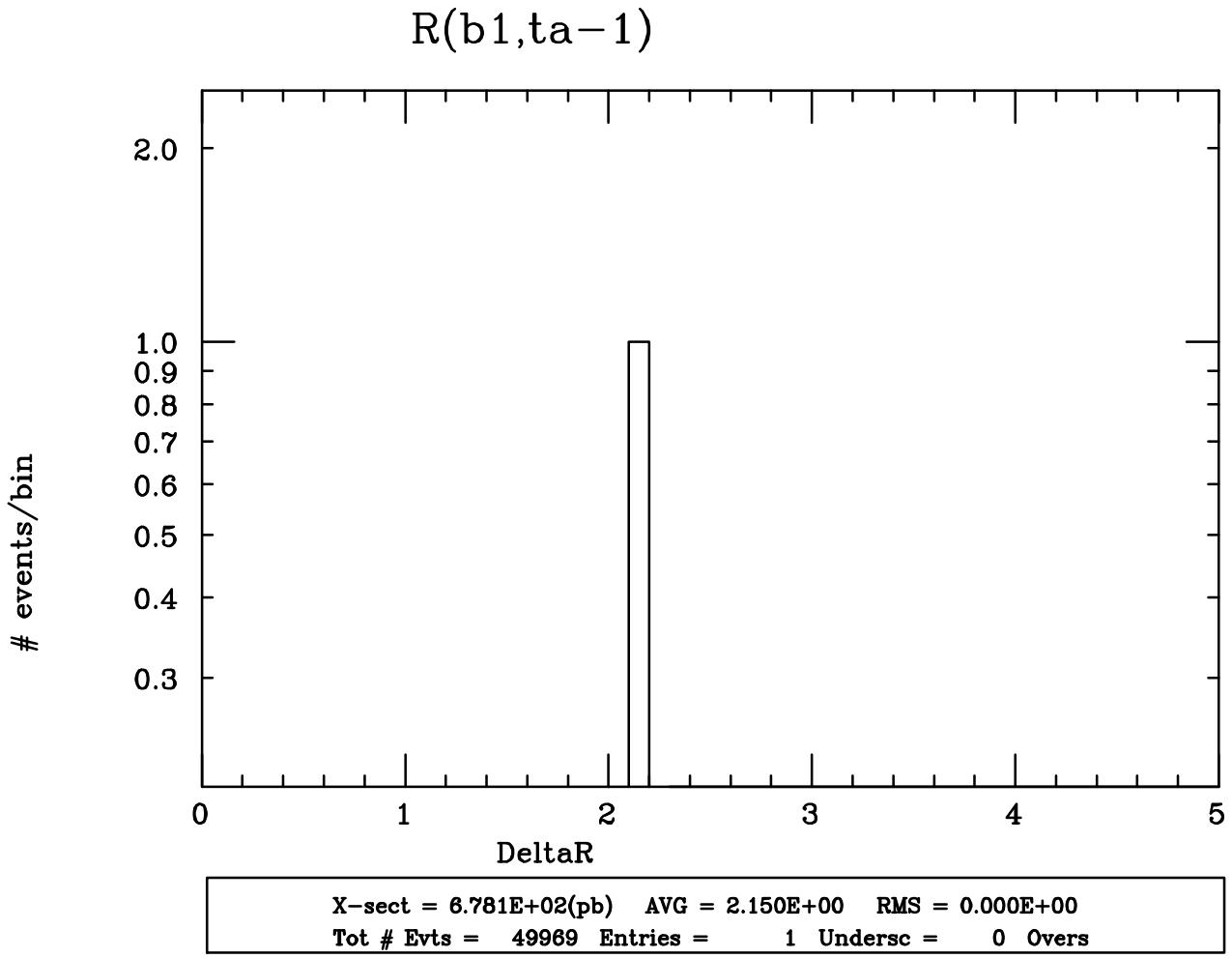

R(jet3,ta+1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.239E+00 RMS = 1.239E+00
Tot # Evts = 49969 Entries = 9 Undersc = 0 Overs

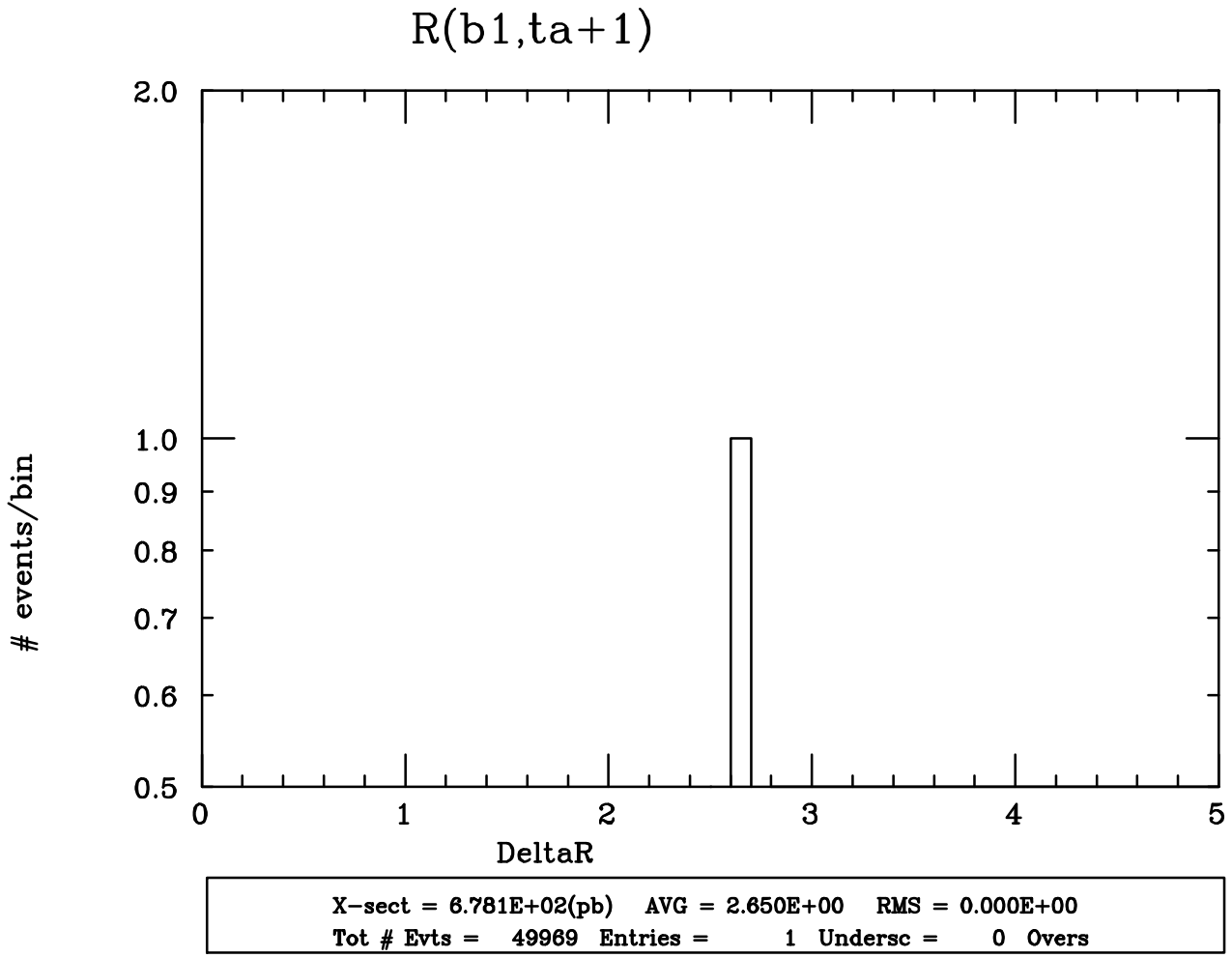

R(jet4,ta+1)
# events/bin
5.0
1.0
0.5
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.100E+00 RMS = 5.500E-01
Tot # Evts = 49969 Entries = 2 Undersc = 0 Overs

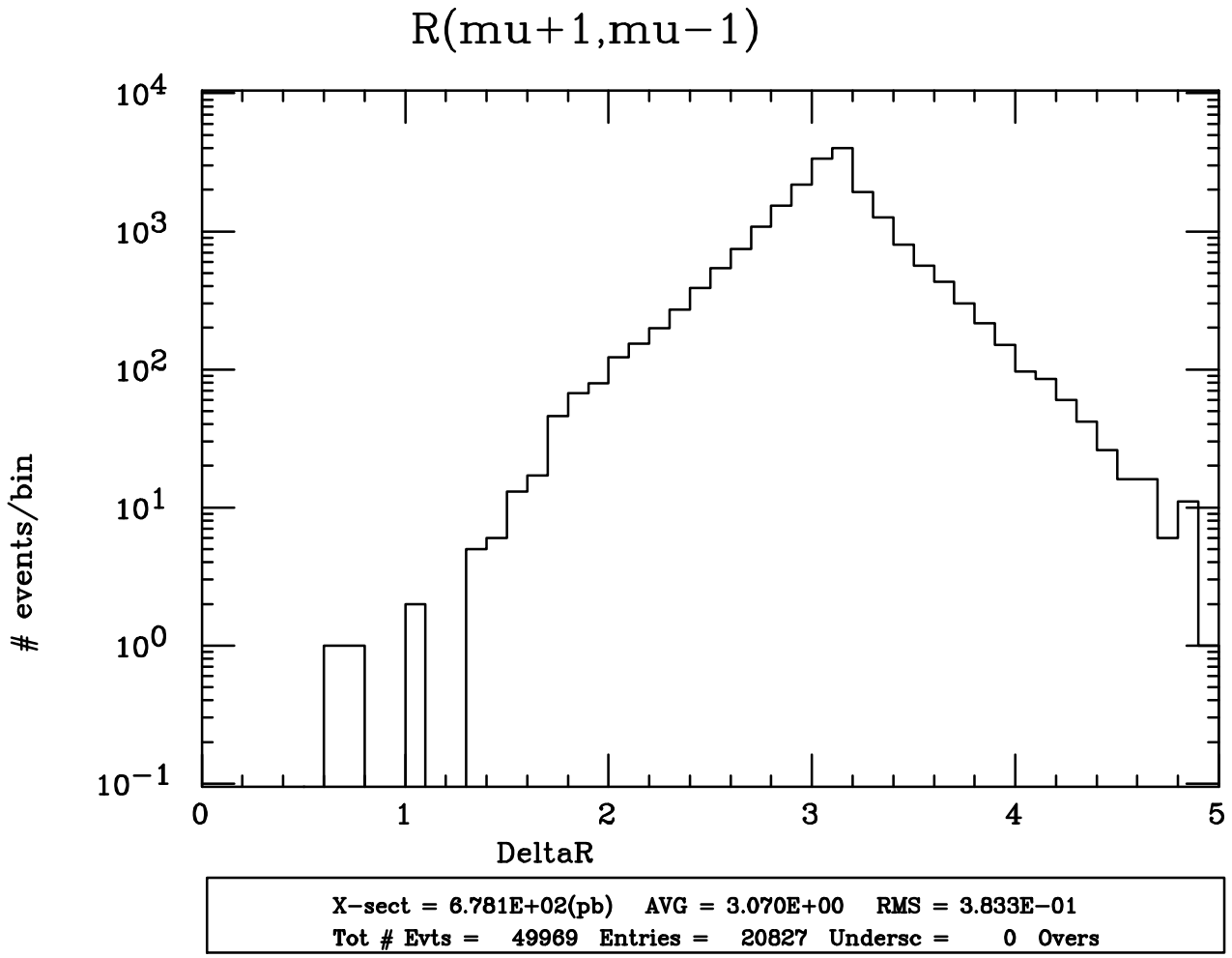

R(b1,mu+1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.465E+00 RMS = 7.589E-01
Tot # Evts = 49969 Entries = 41 Undersc = 0 Overs

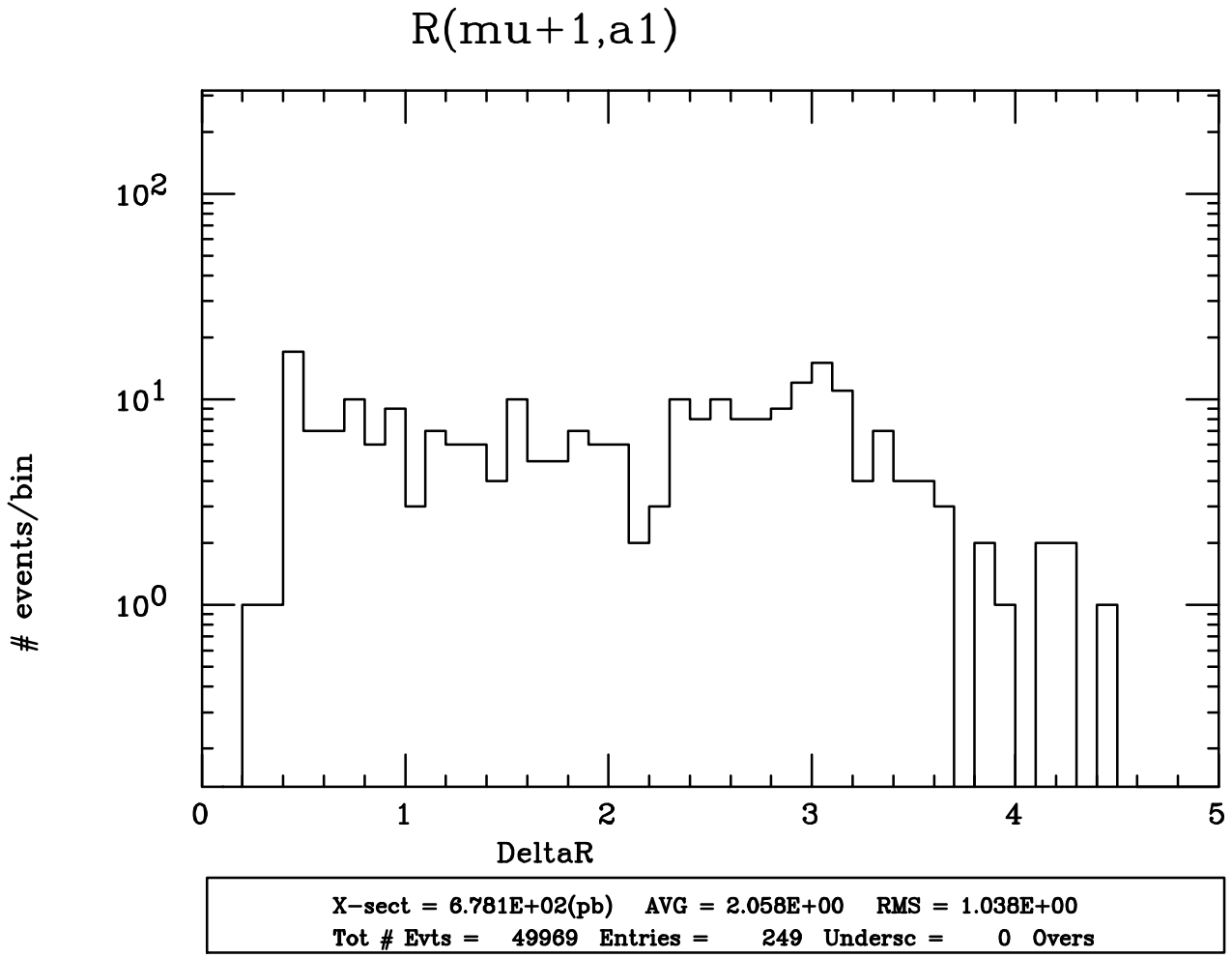

R(b1,mu−1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 6.781E+02(pb) AVG = 2.235E+00 RMS = 1.024E+00
Tot # Evts = 49969 Entries = 46 Undersc = 0 Overs

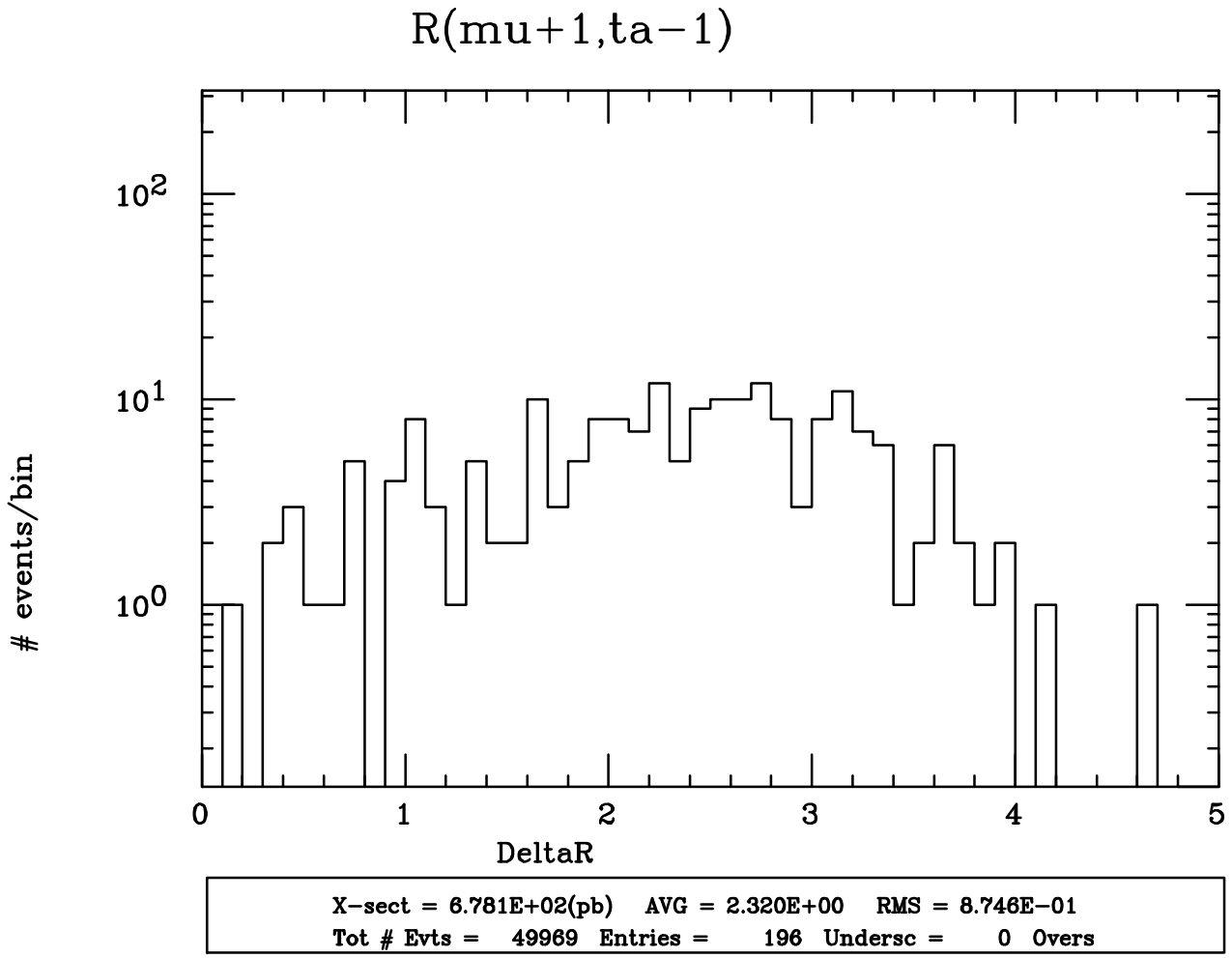

R(b1,a1)
# events/bin
DeltaR
0
1
2
3
4
5
1
2
3
4
X-sect = 6.781E+02(pb) AVG = 3.050E+00 RMS = 0.000E+00
Tot # Evts = 49969 Entries = 2 Undersc = 0 Overs

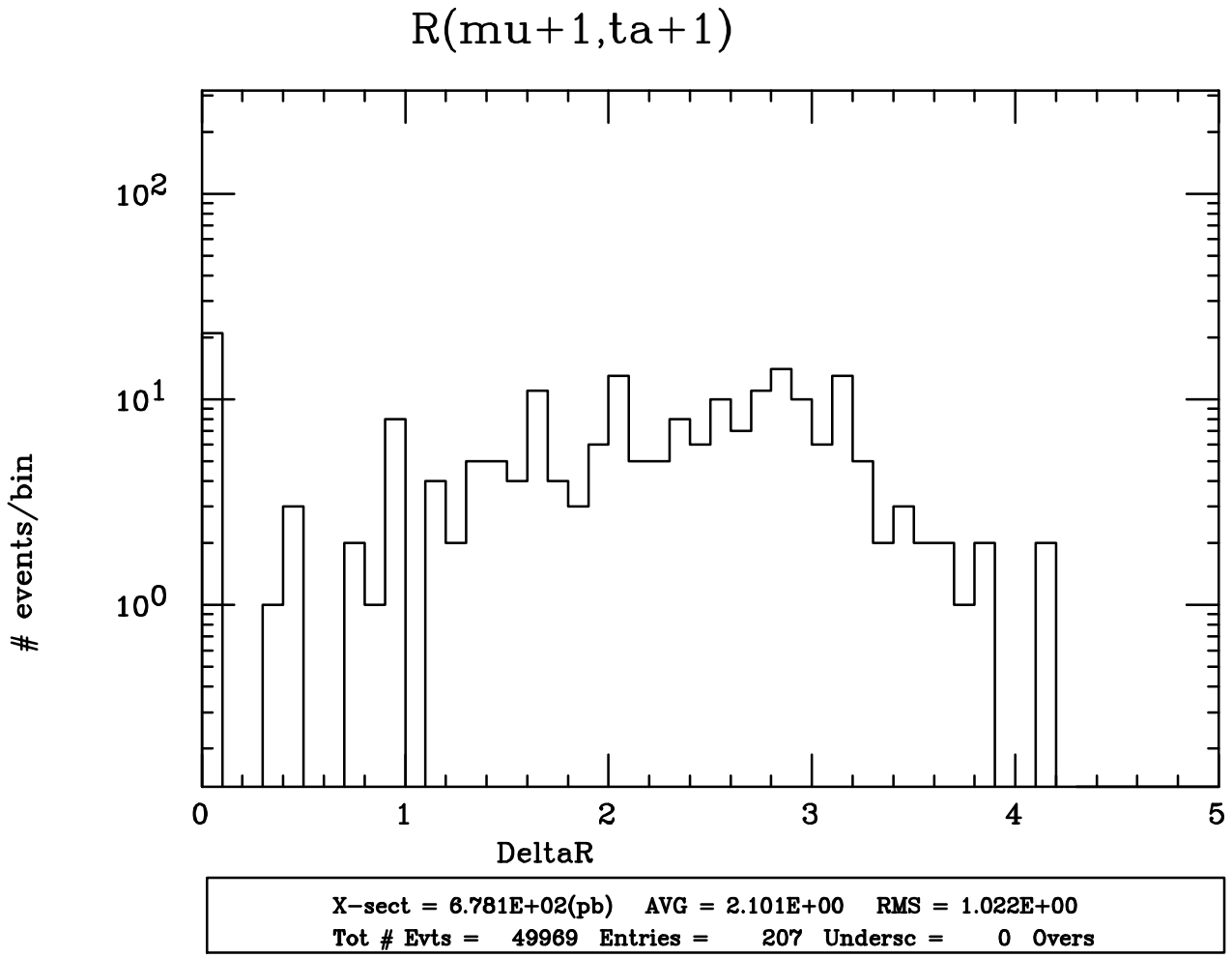

R(b1,ta−1)
# events/bin
2.0
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0
1
2
3
4
5
DeltaR
X−sect = 6.781E+02(pb) AVG = 2.150E+00 RMS = 0.000E+00
Tot # Evts = 49969 Entries = 1 Undersc = 0 Overs

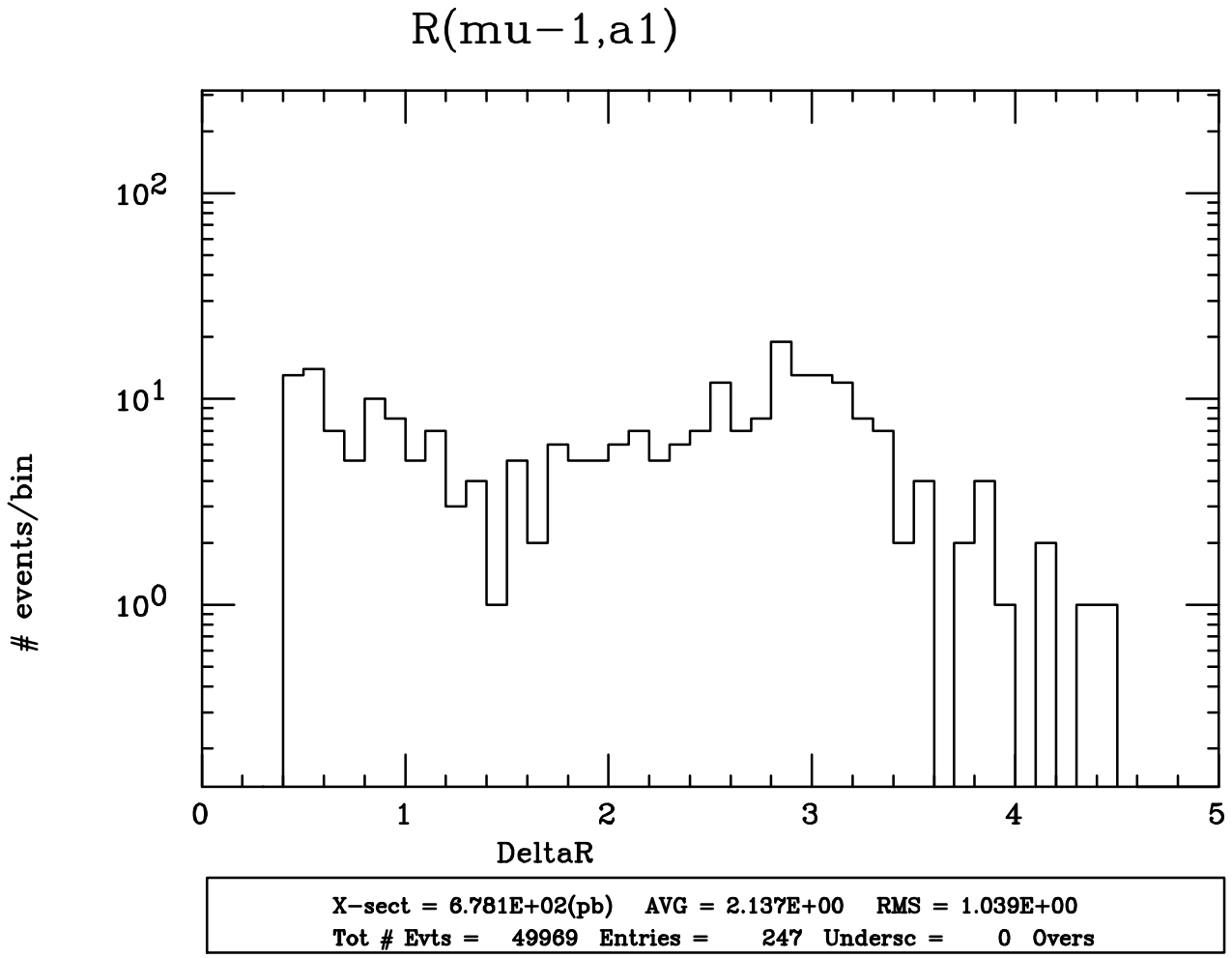

R(b1,ta+1)
2.0
1.0
0.9
0.8
0.7
0.6
0.5
events/bin
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.650E+00 RMS = 0.000E+00
Tot # Evts = 49969 Entries = 1 Undersc = 0 Overs

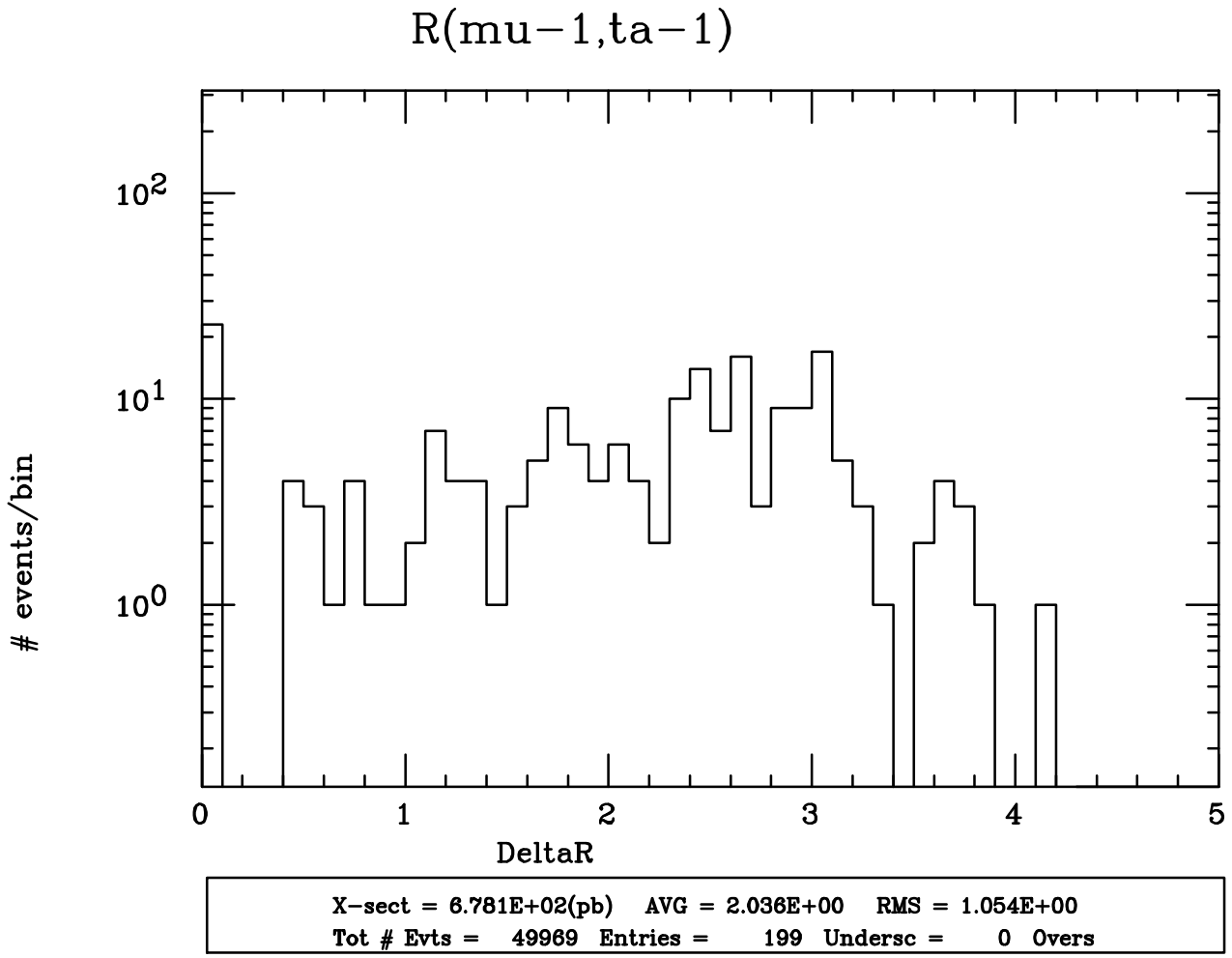

R(mu+1,mu−1)
# events/bin
DeltaR
X−sect = 6.781E+02(pb) AVG = 3.070E+00 RMS = 3.833E−01
Tot # Evts = 49969 Entries = 20827 Undersc = 0 Overs

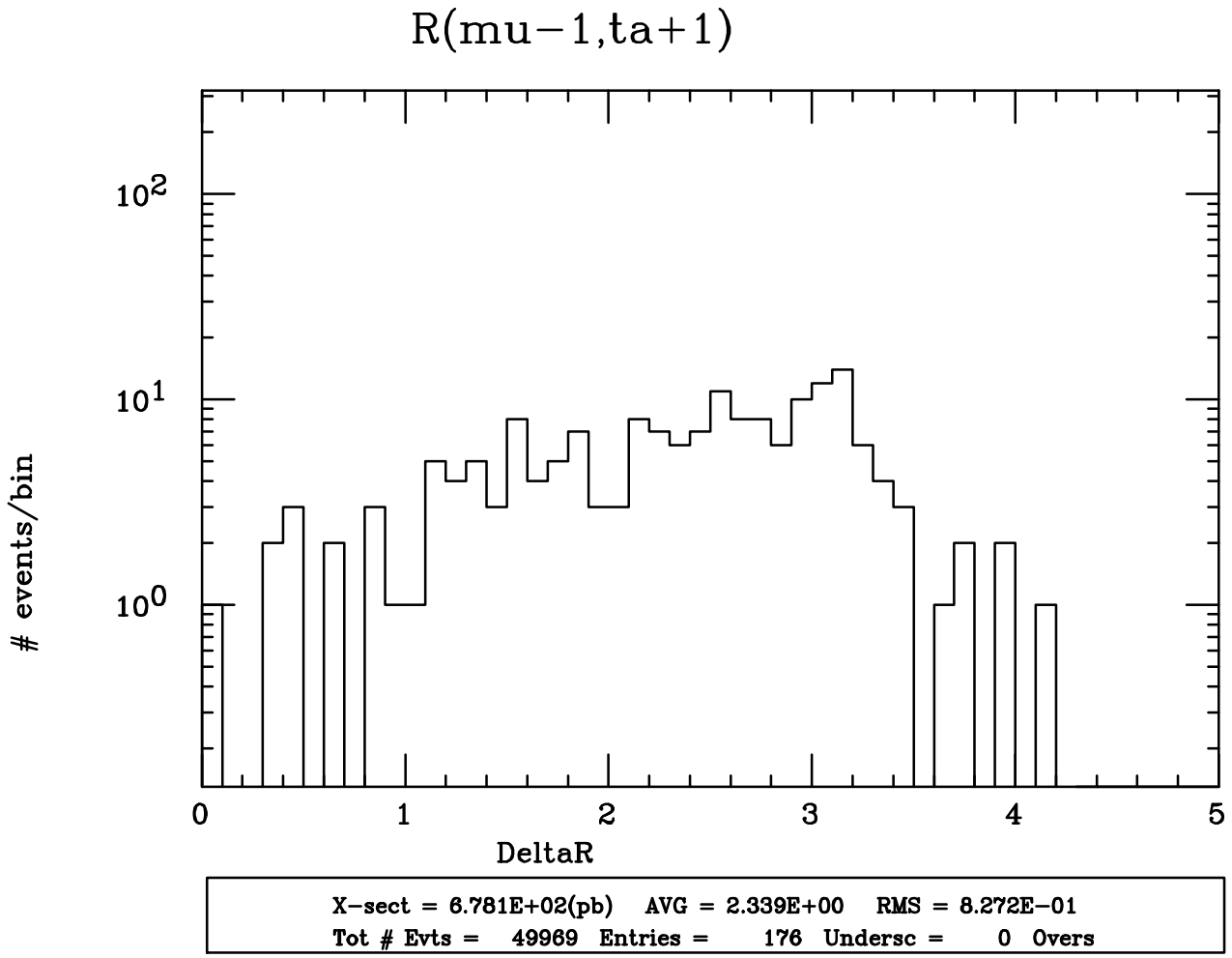

R(mu+1,a1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.058E+00 RMS = 1.038E+00
Tot # Evts = 49969 Entries = 249 Undersc = 0 Overs

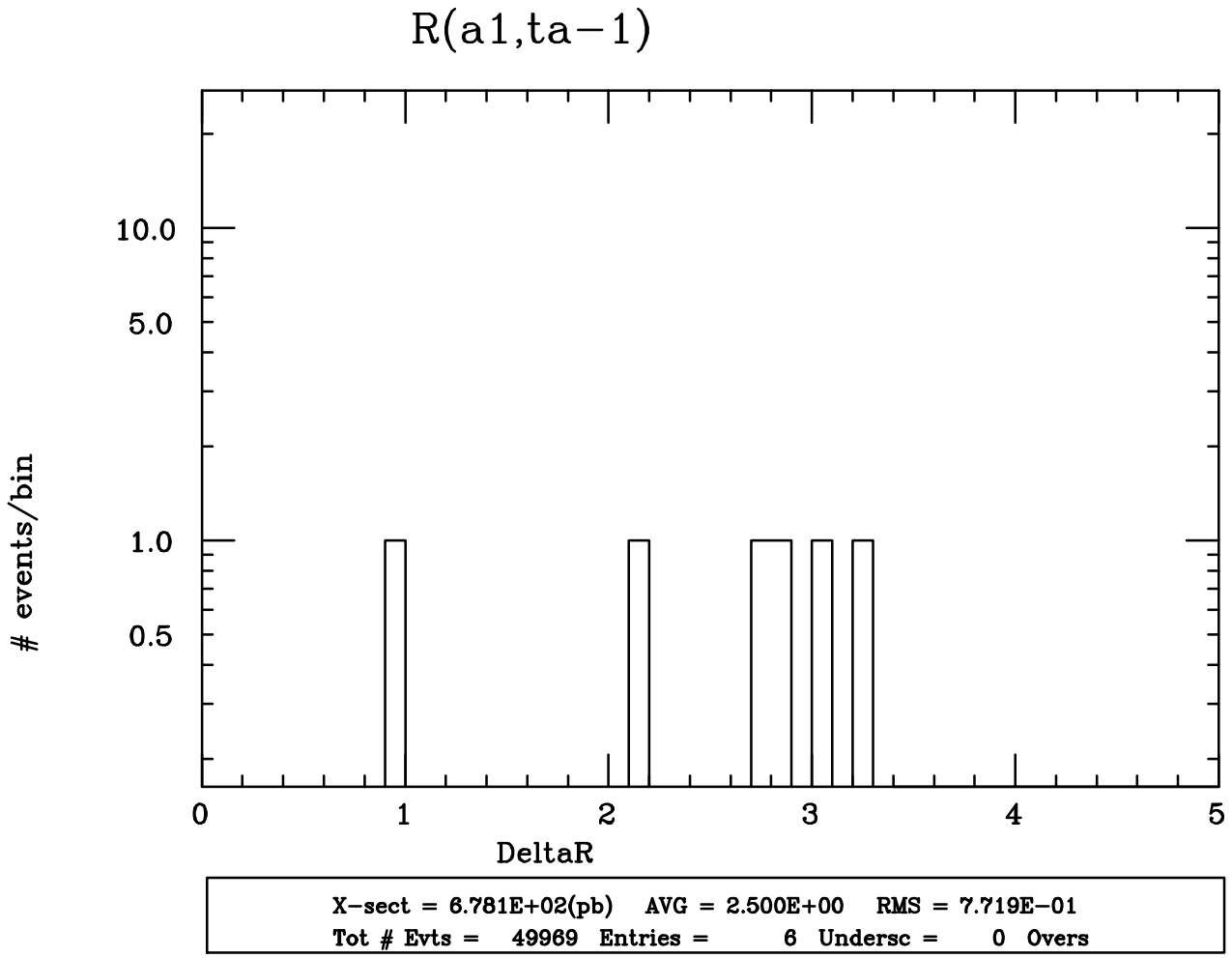

R(mu+1,ta−1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 6.781E+02(pb) AVG = 2.320E+00 RMS = 8.746E−01
Tot # Evts = 49969 Entries = 196 Undersc = 0 Overs

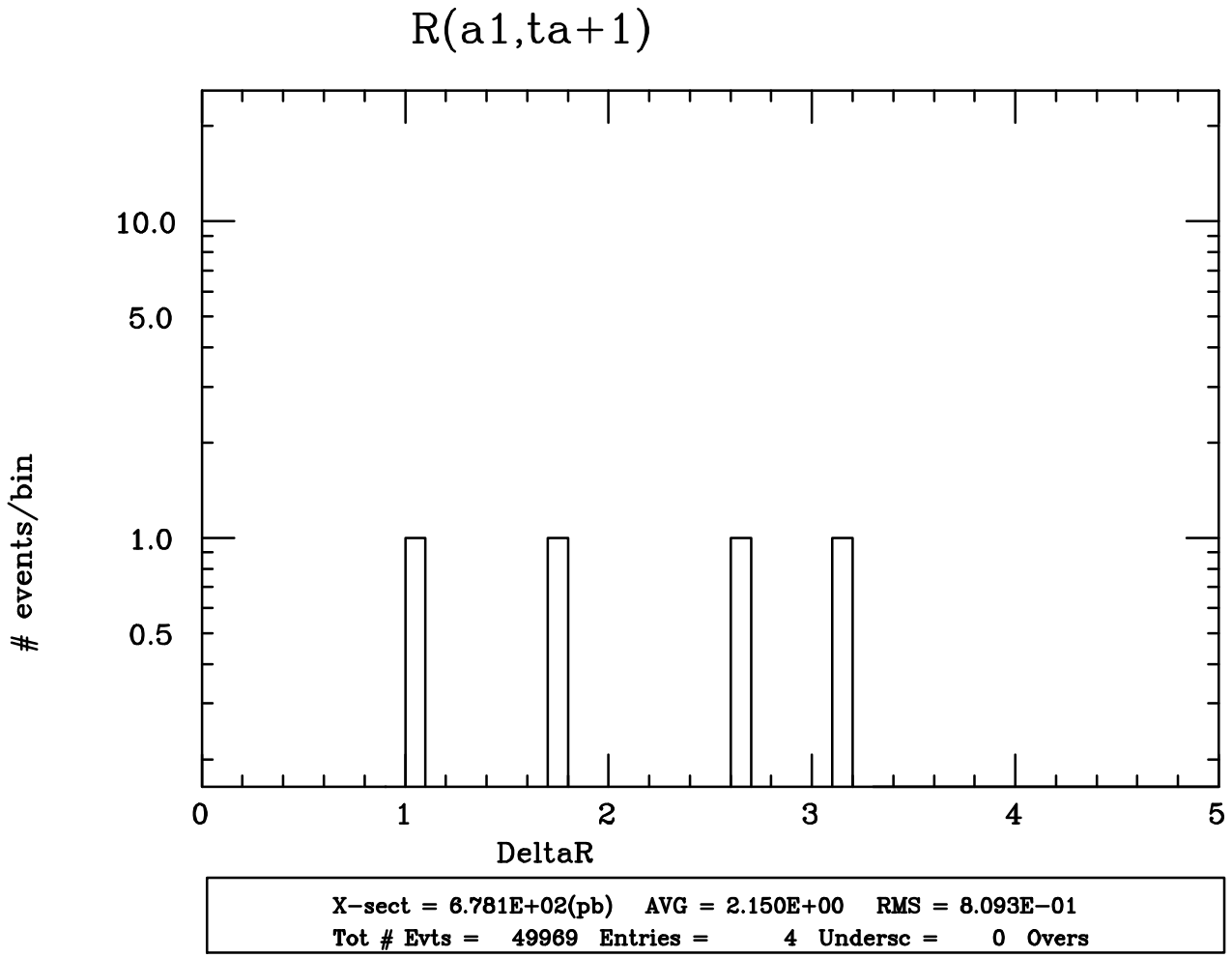

R(mu+1,ta+1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.101E+00 RMS = 1.022E+00
Tot # Evts = 49969 Entries = 207 Undersc = 0 Overs

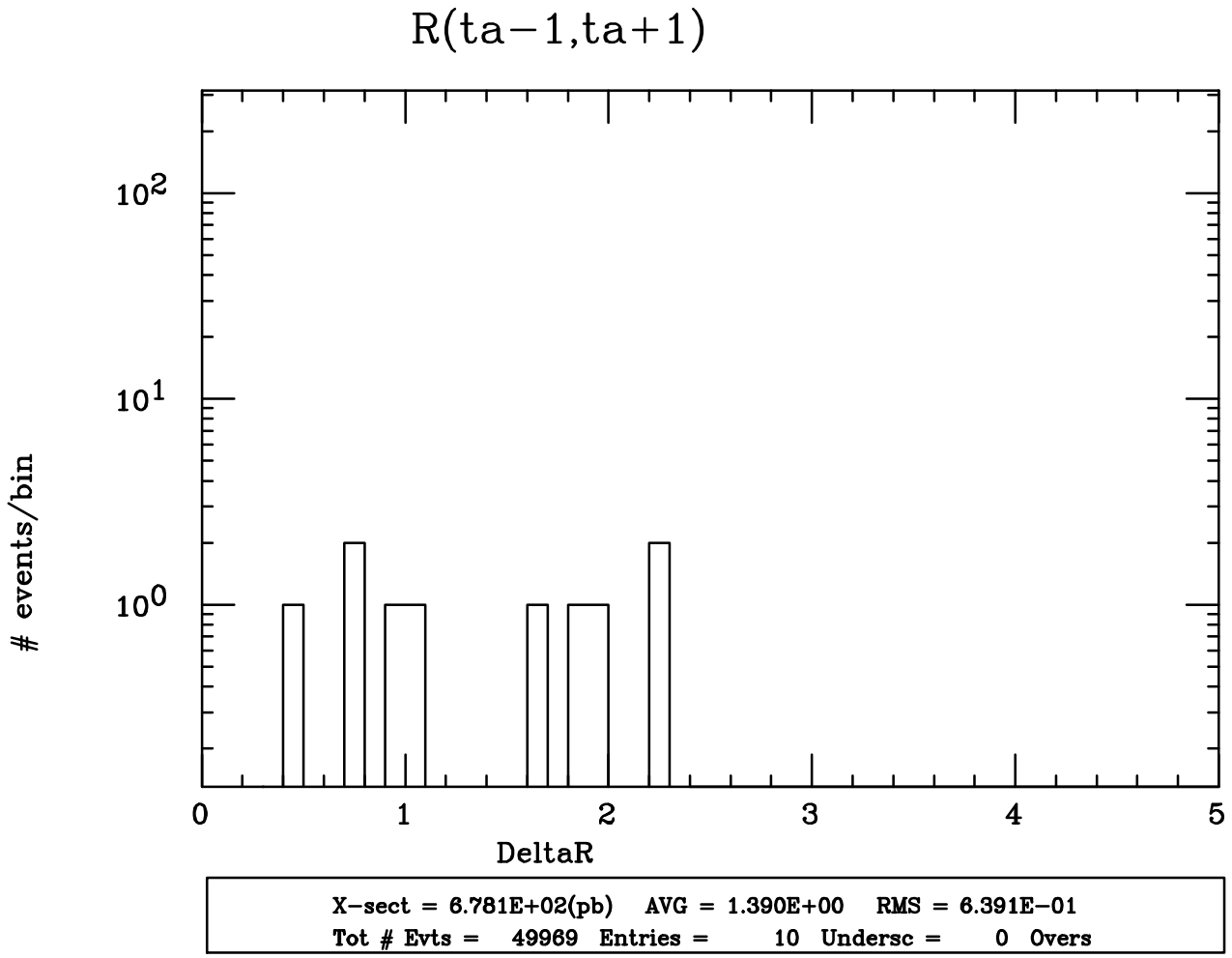

R(mu−1,a1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 6.781E+02(pb) AVG = 2.137E+00 RMS = 1.039E+00
Tot # Evts = 49969 Entries = 247 Undersc = 0 Overs

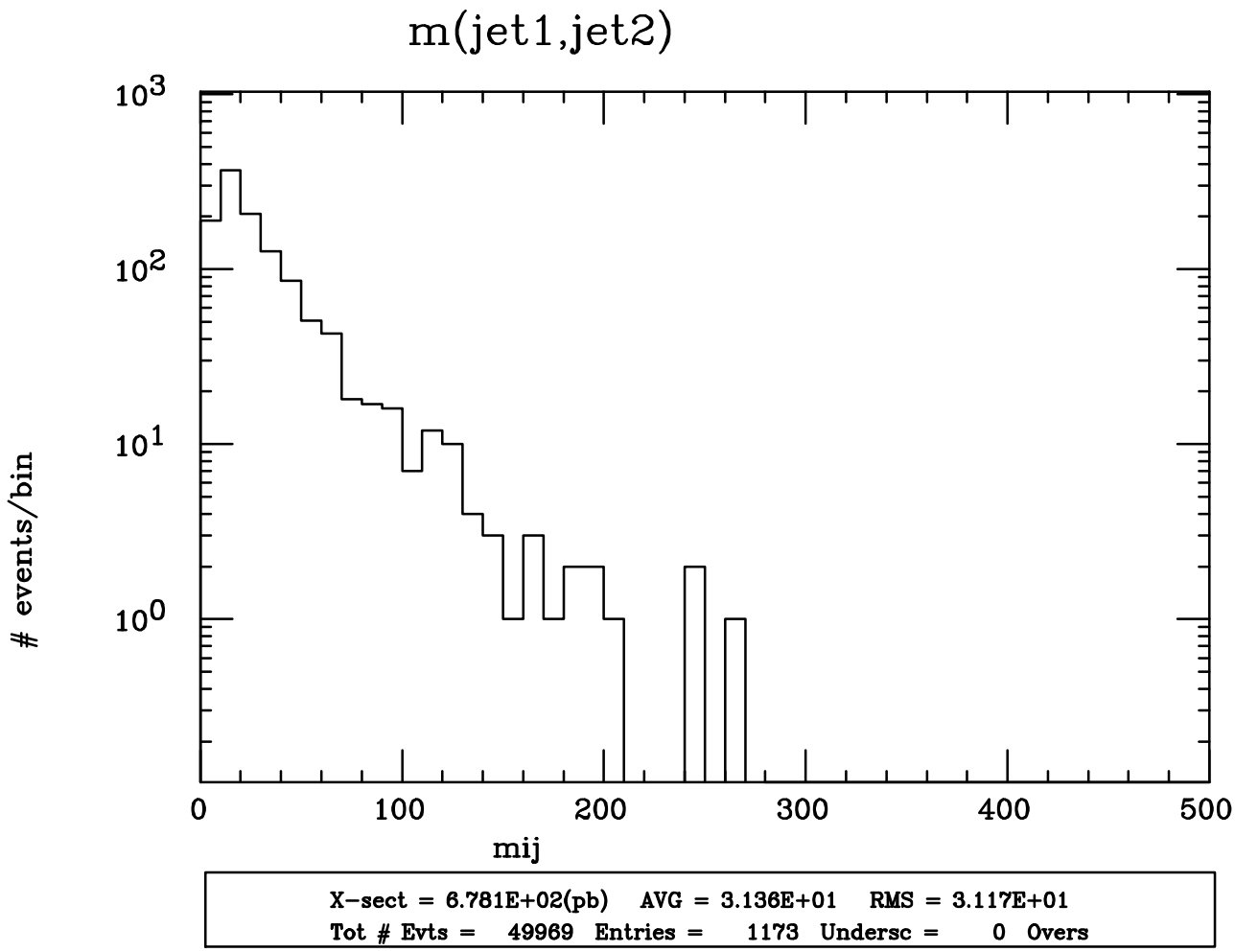

R(mu−1,ta−1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 6.781E+02(pb) AVG = 2.036E+00 RMS = 1.054E+00
Tot # Evts = 49969 Entries = 199 Undersc = 0 Overs

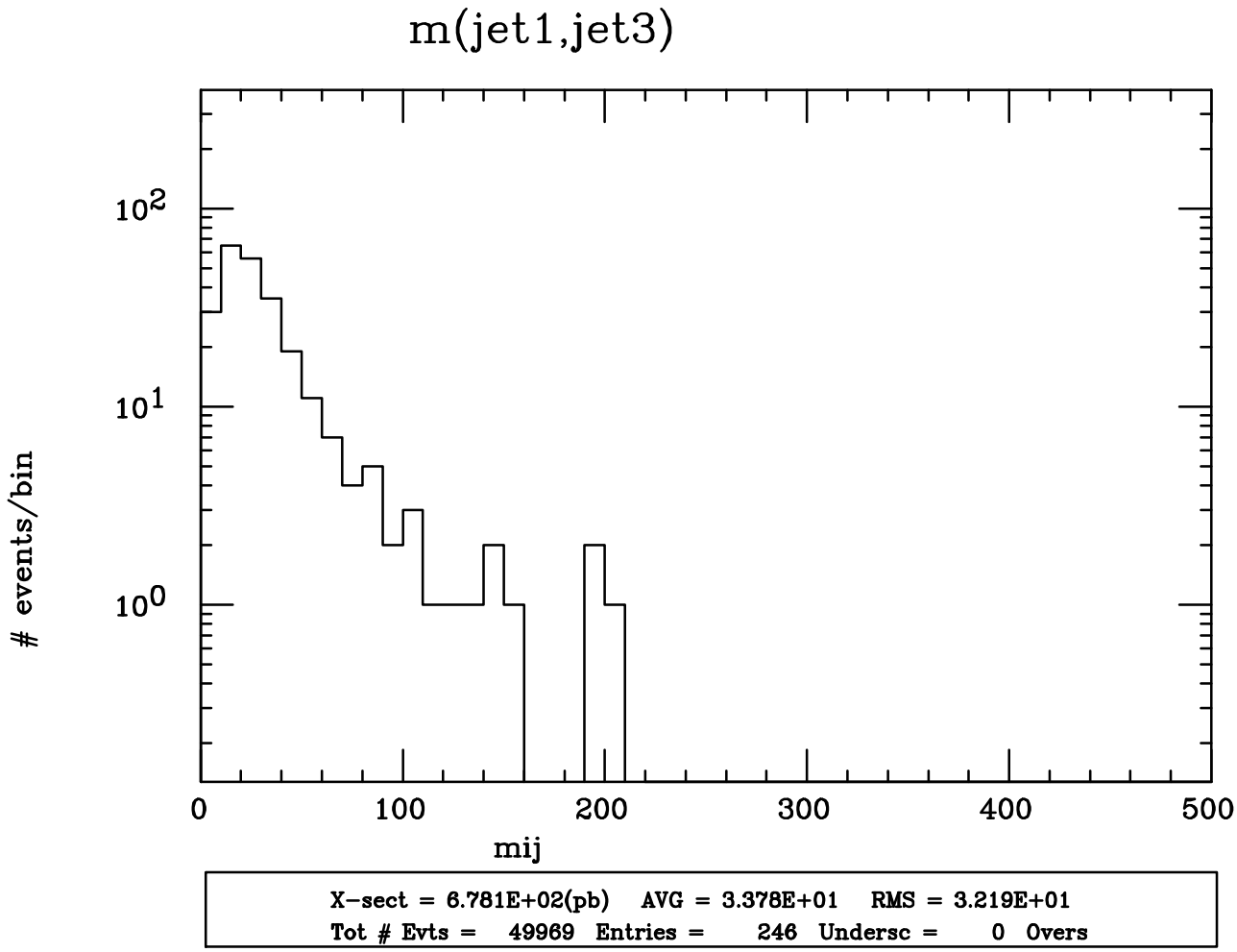

R(mu−1,ta+1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 6.781E+02(pb) AVG = 2.339E+00 RMS = 8.272E−01
Tot # Evts = 49969 Entries = 176 Undersc = 0 Overs

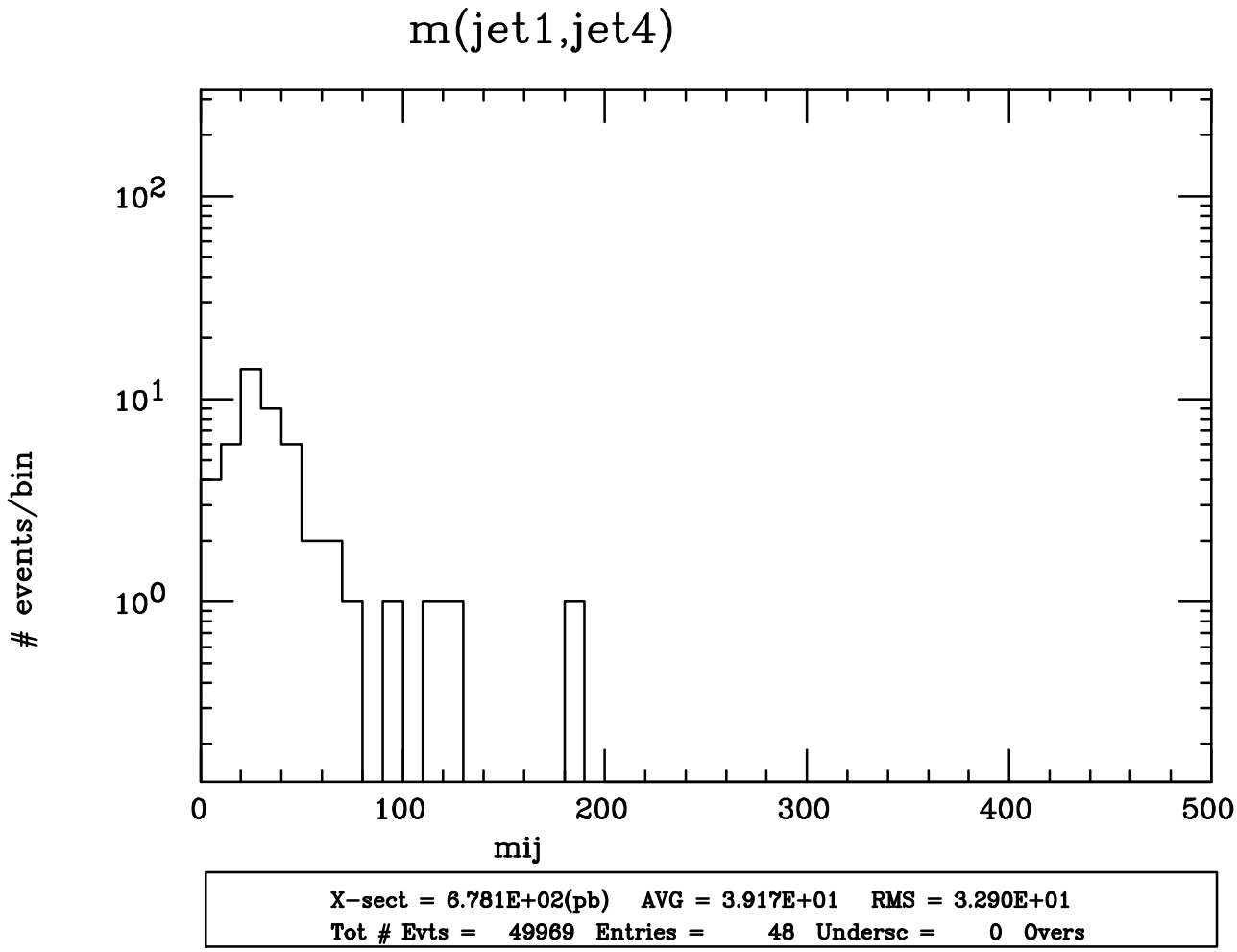

R(a1,ta−1)
# events/bin
10.0
5.0
1.0
0.5
0
1
2
3
4
5
DeltaR
X−sect = 6.781E+02(pb) AVG = 2.500E+00 RMS = 7.719E−01
Tot # Evts = 49969 Entries = 6 Undersc = 0 Overs

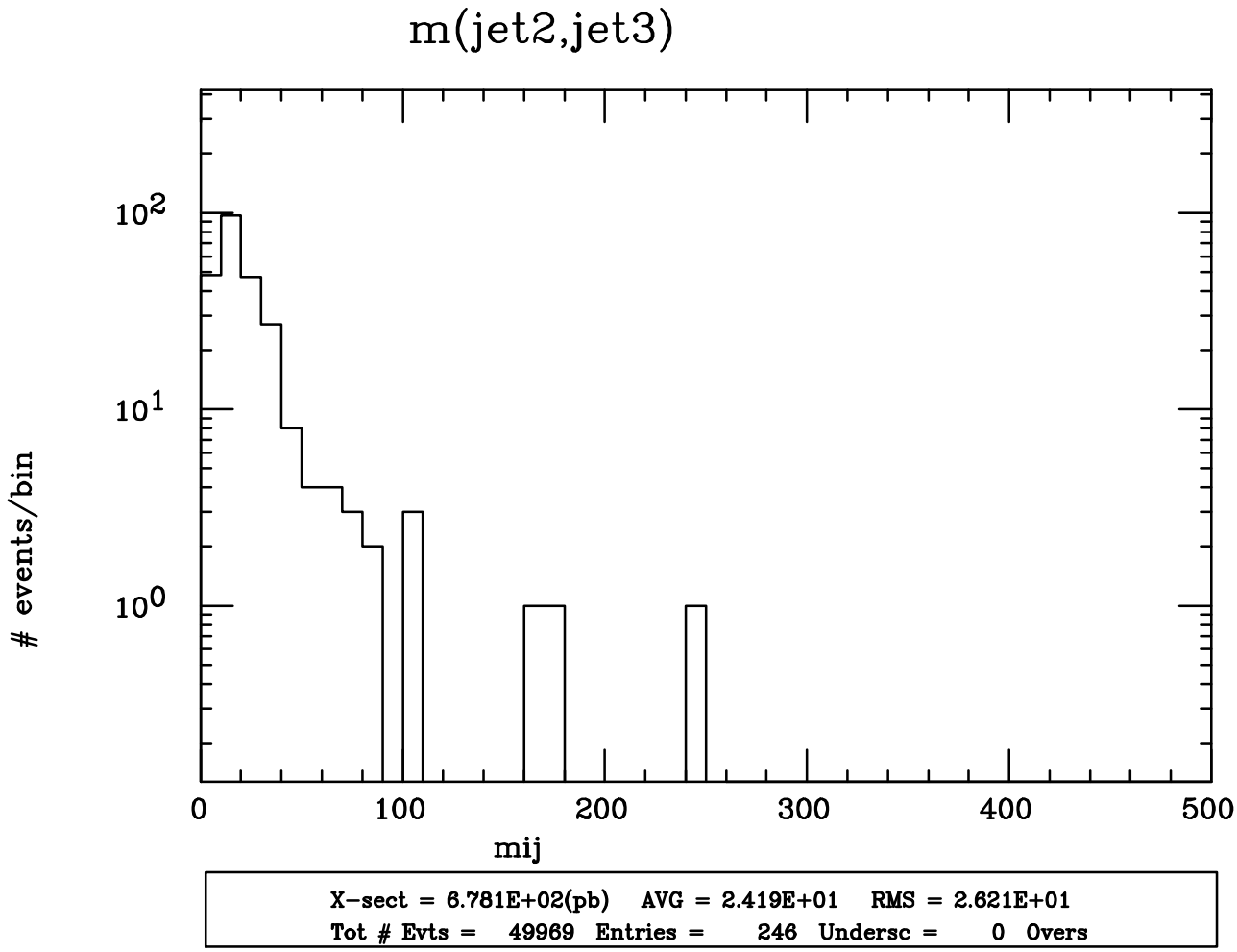

R(a1,ta+1)
10.0
5.0
1.0
0.5
events/bin
0
1
2
3
4
5
DeltaR
X-sect = 6.781E+02(pb) AVG = 2.150E+00 RMS = 8.093E-01
Tot # Evts = 49969 Entries = 4 Undersc = 0 Overs

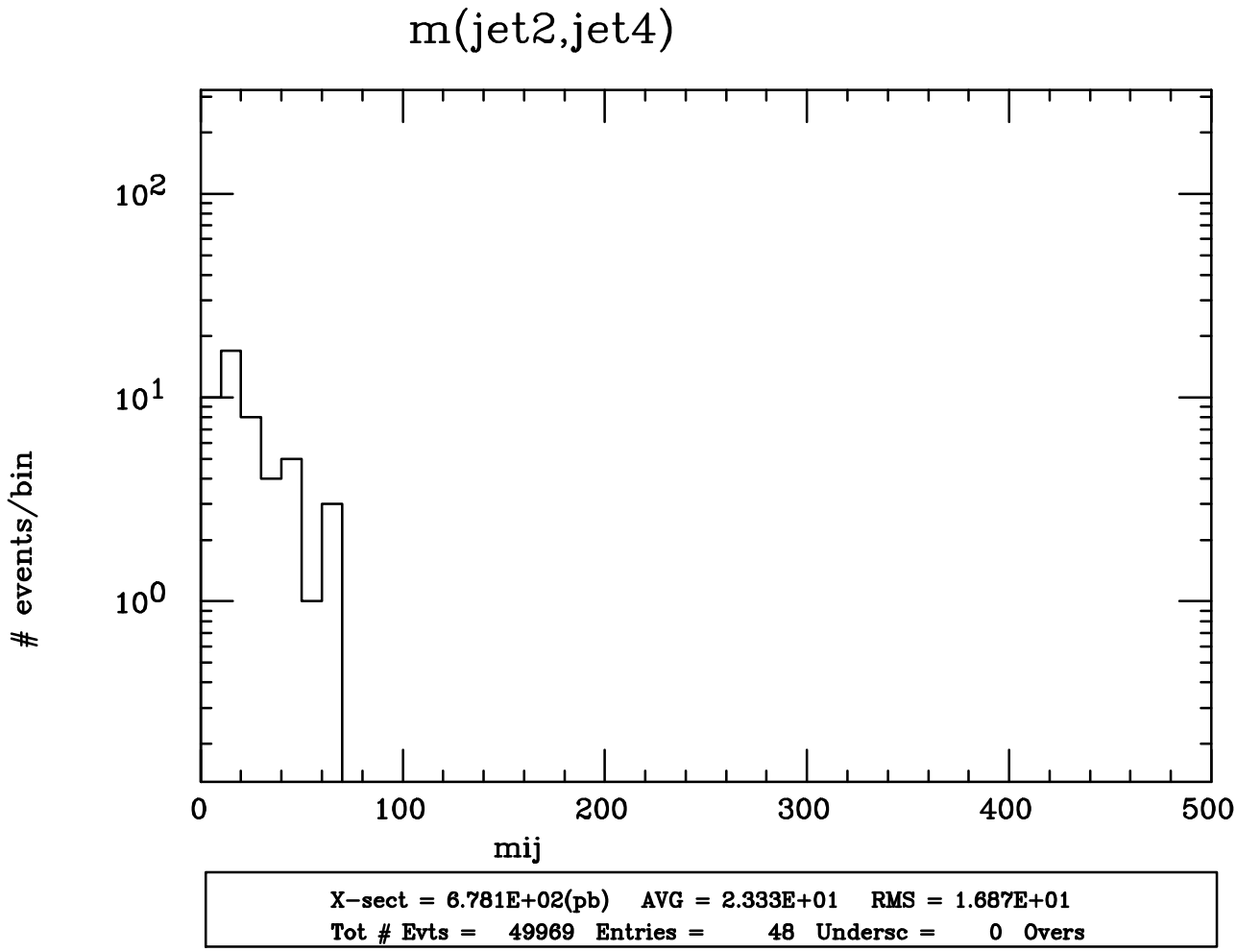

R(ta−1,ta+1)
# events/bin
10^2
10^1
10^0
0
1
2
3
4
5
DeltaR
X−sect = 6.781E+02(pb) AVG = 1.390E+00 RMS = 6.391E−01
Tot # Evts = 49969 Entries = 10 Undersc = 0 Overs

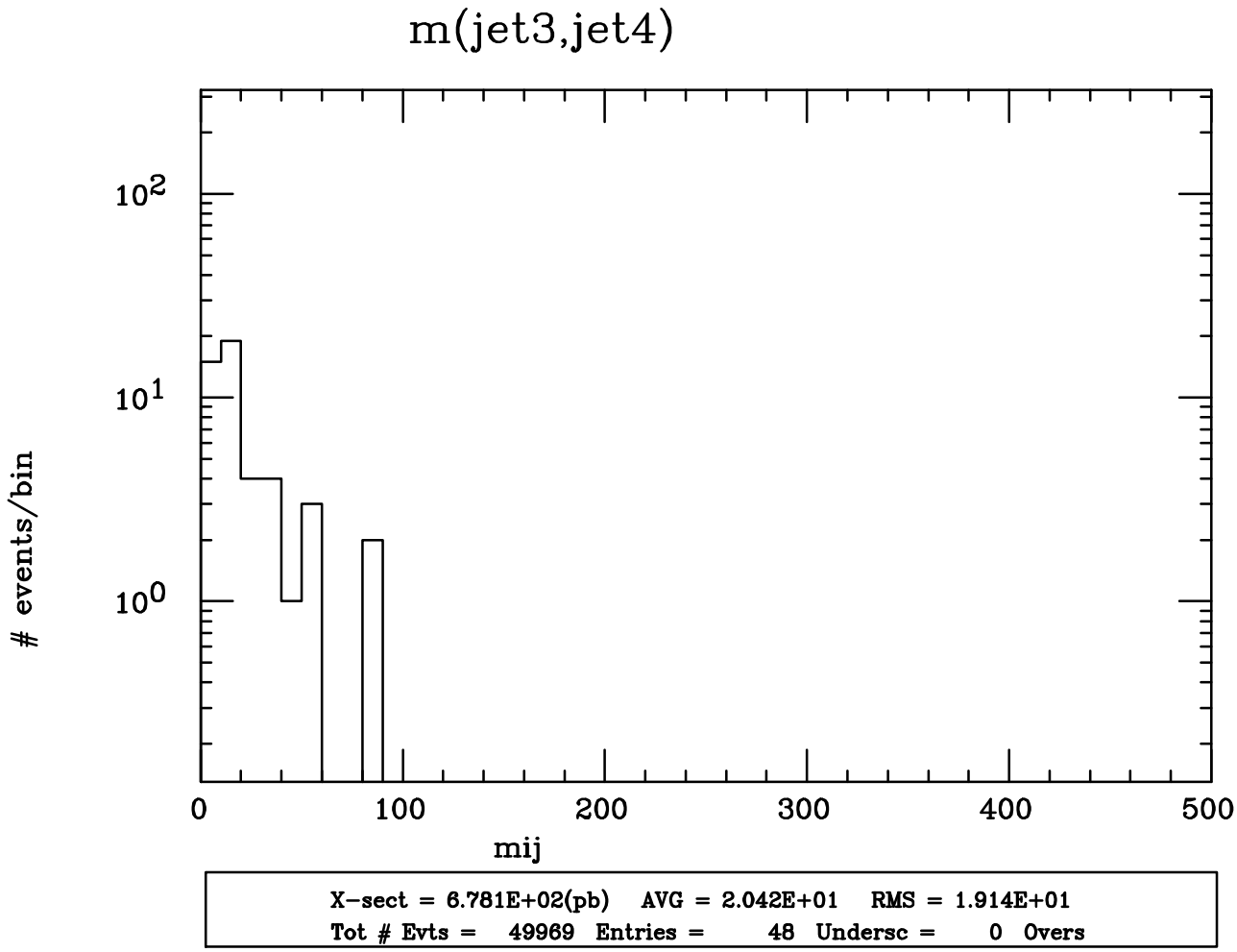

m(jet1,jet2)
# events/bin
10^3
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 3.136E+01 RMS = 3.117E+01
Tot # Evts = 49969 Entries = 1173 Undersc = 0 Overs

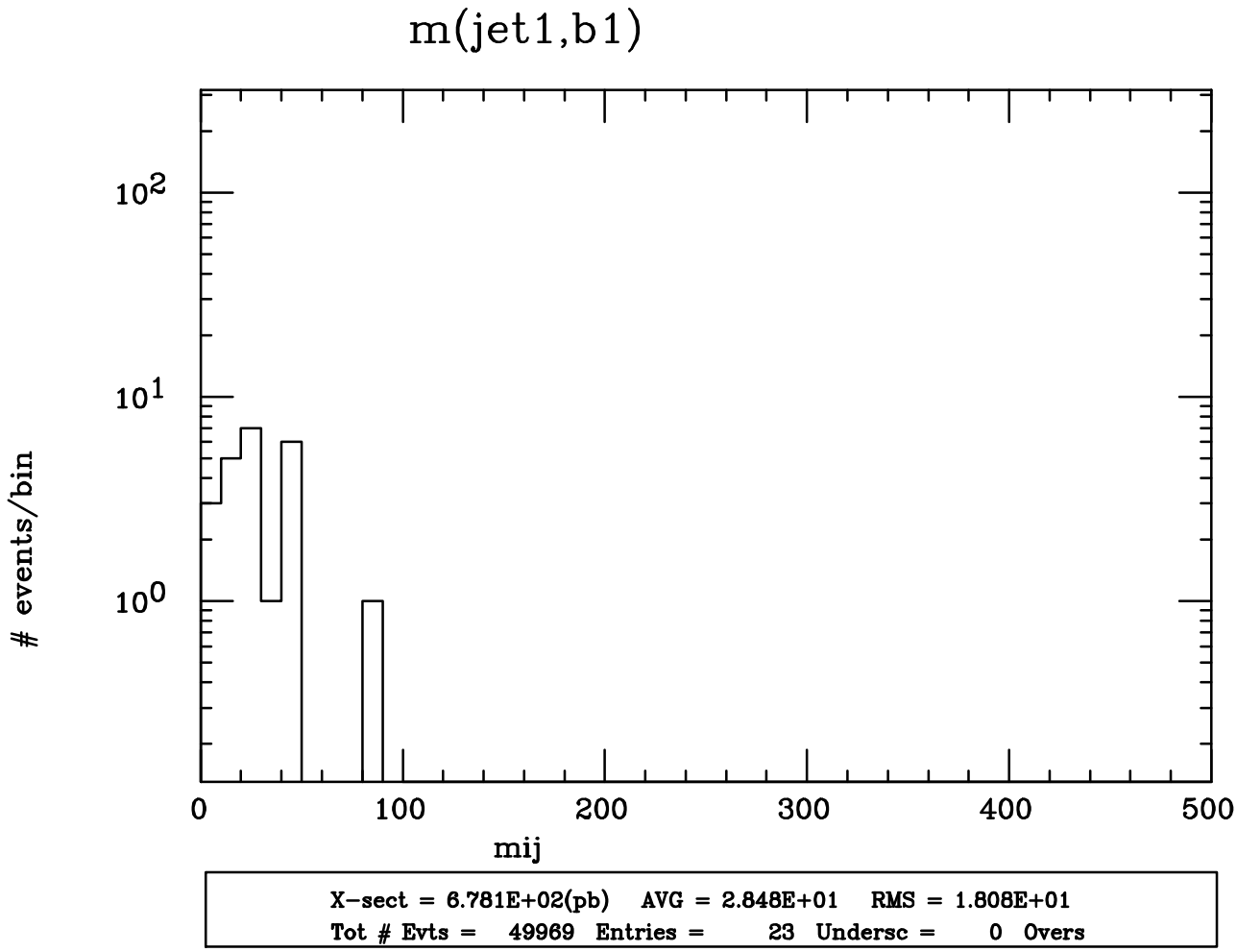

m(jet1,jet3)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 3.378E+01 RMS = 3.219E+01
Tot # Evts = 49969 Entries = 246 Undersc = 0 Overs

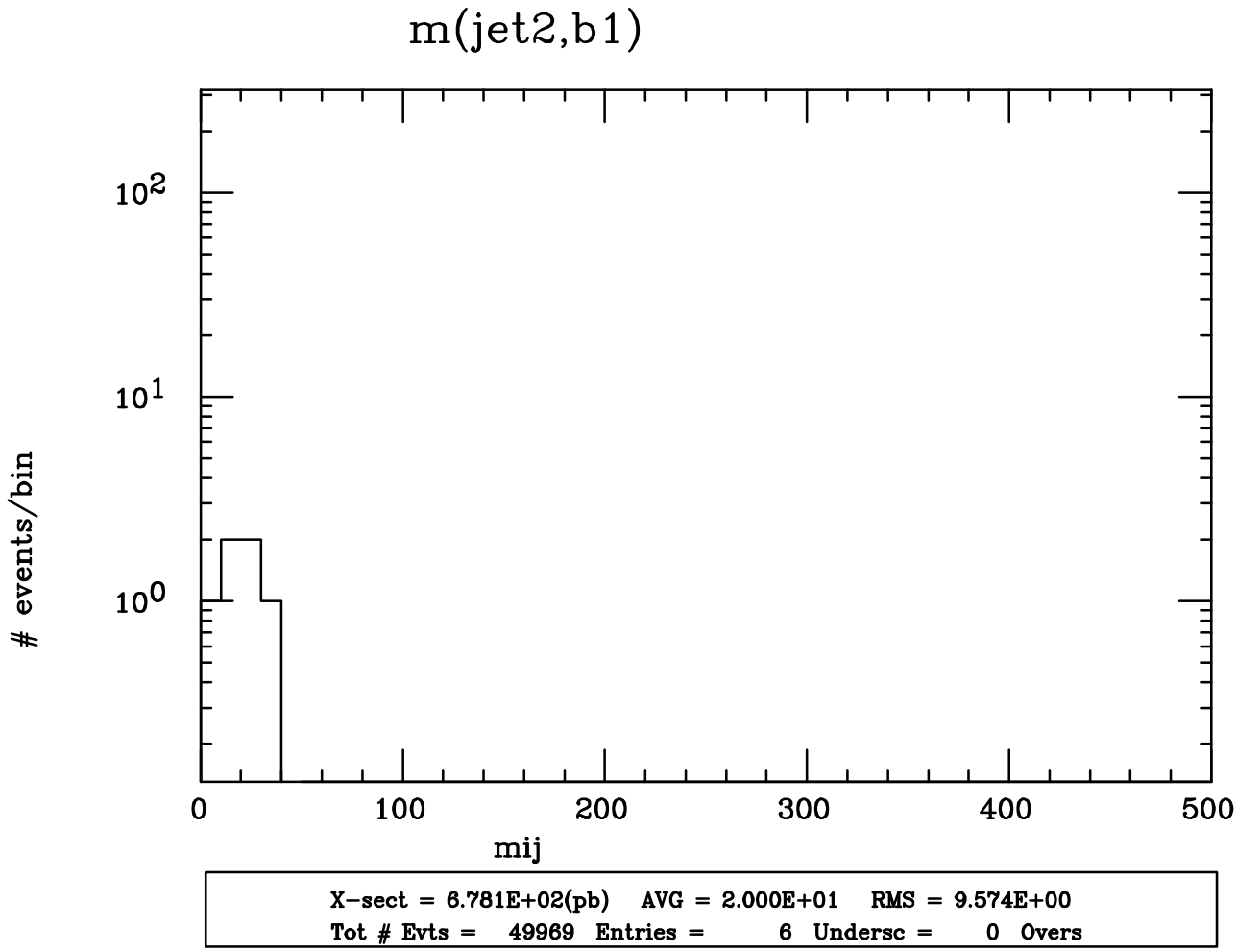

m(jet1,jet4)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 3.917E+01 RMS = 3.290E+01
Tot # Evts = 49969 Entries = 48 Undersc = 0 Overs

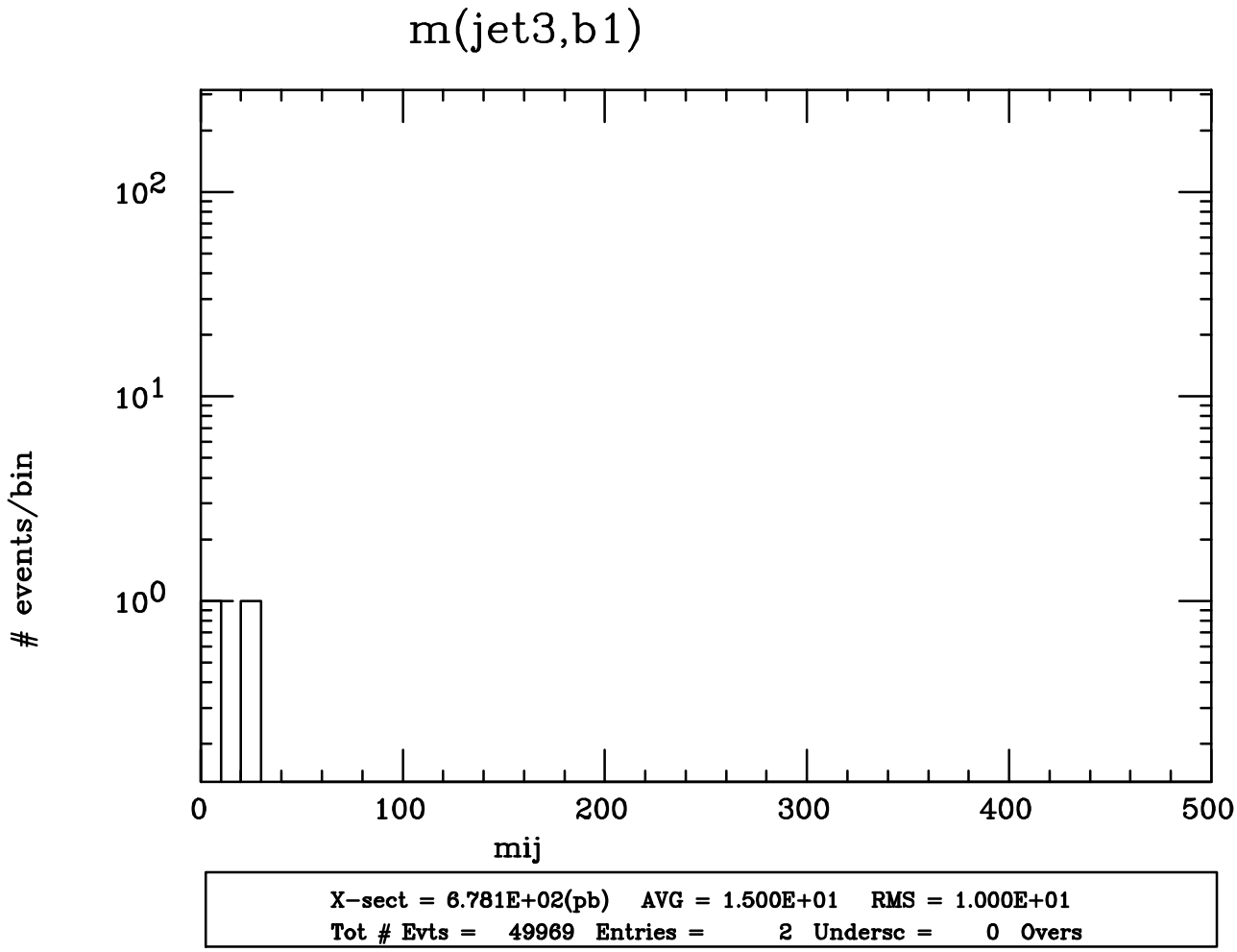

m(jet2,jet3)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 2.419E+01 RMS = 2.621E+01
Tot # Evts = 49969 Entries = 246 Undersc = 0 Overs

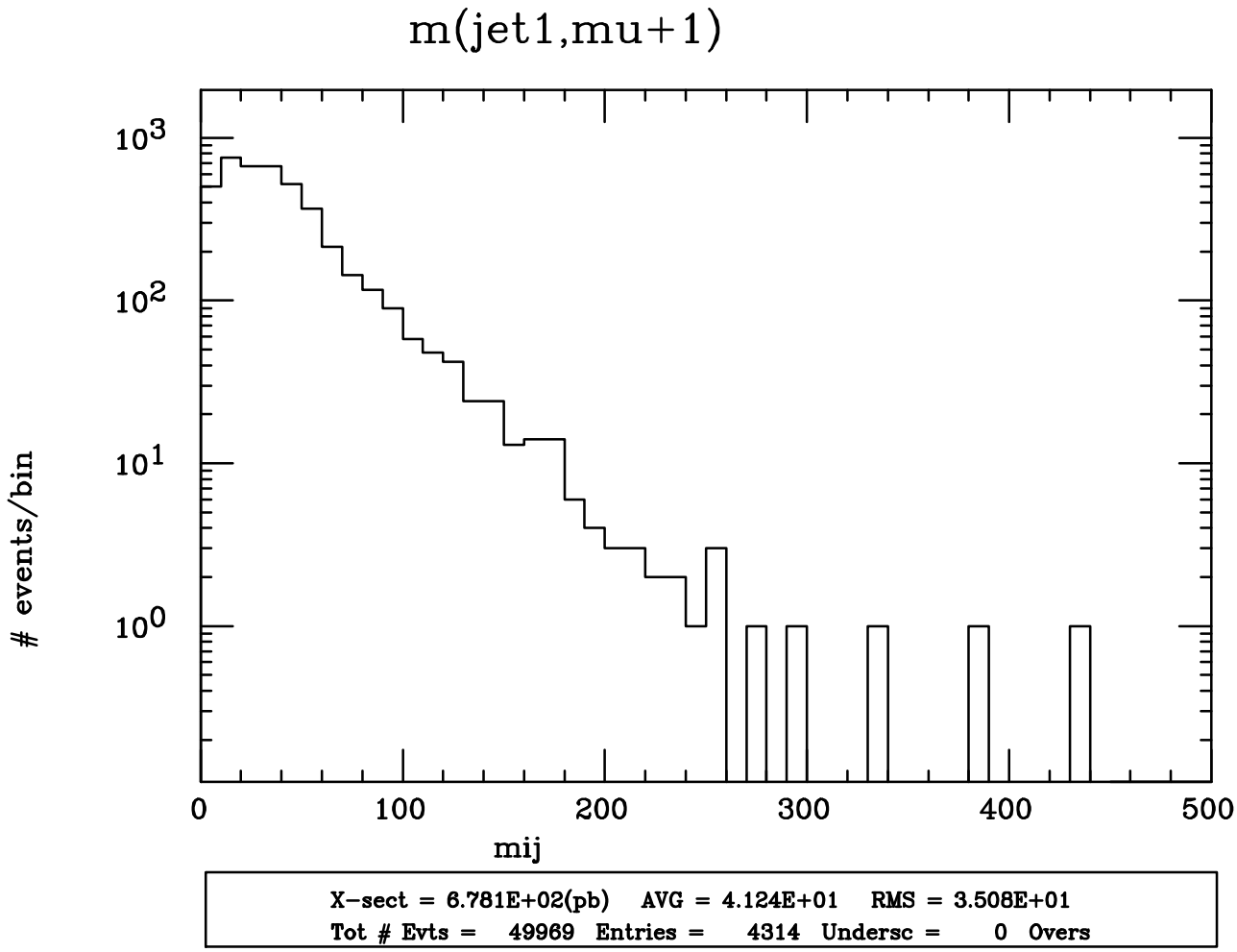

m(jet2,jet4)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 2.333E+01 RMS = 1.687E+01
Tot # Evts = 49969 Entries = 48 Undersc = 0 Overs

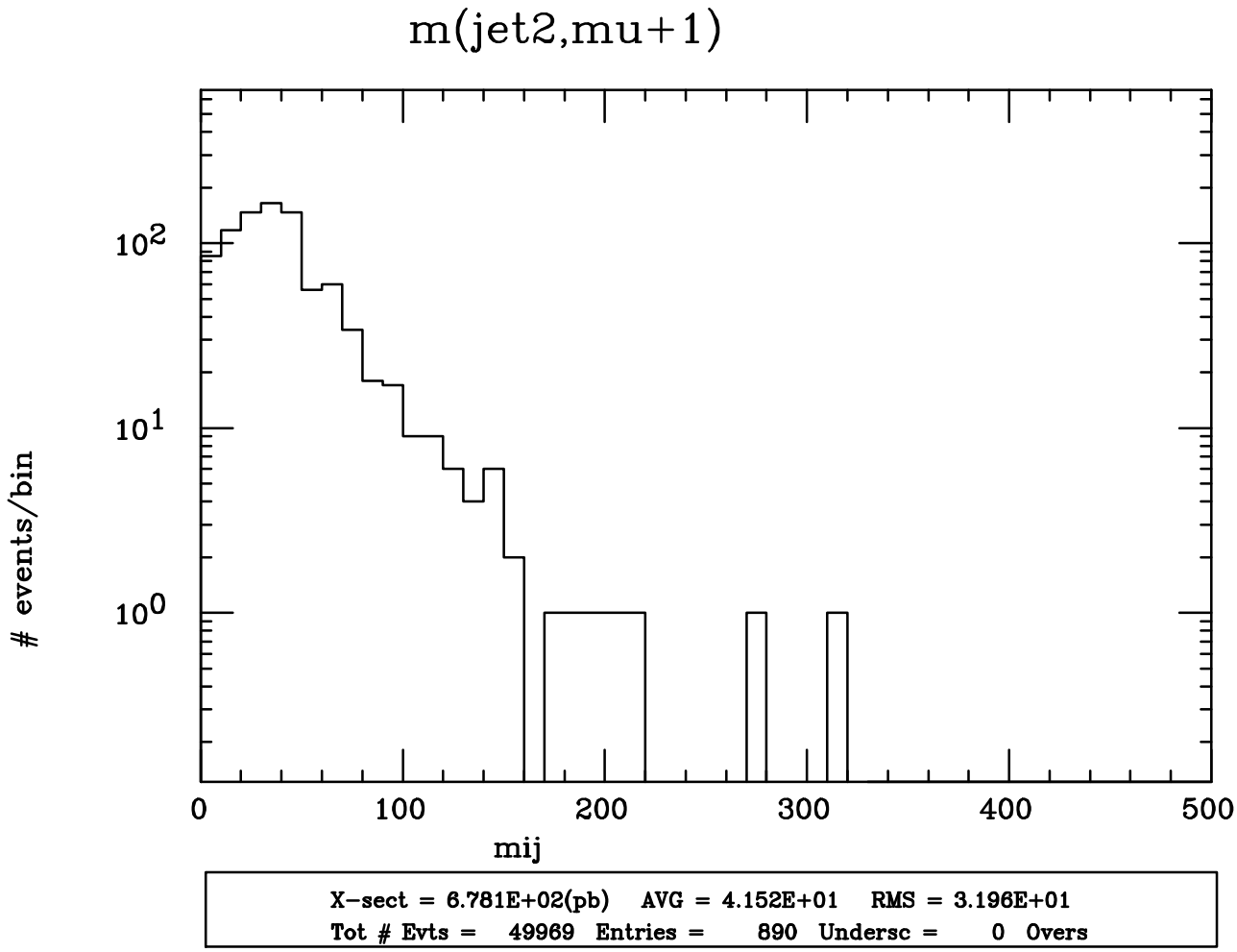

m(jet3,jet4)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 2.042E+01 RMS = 1.914E+01
Tot # Evts = 49969 Entries = 48 Undersc = 0 Overs

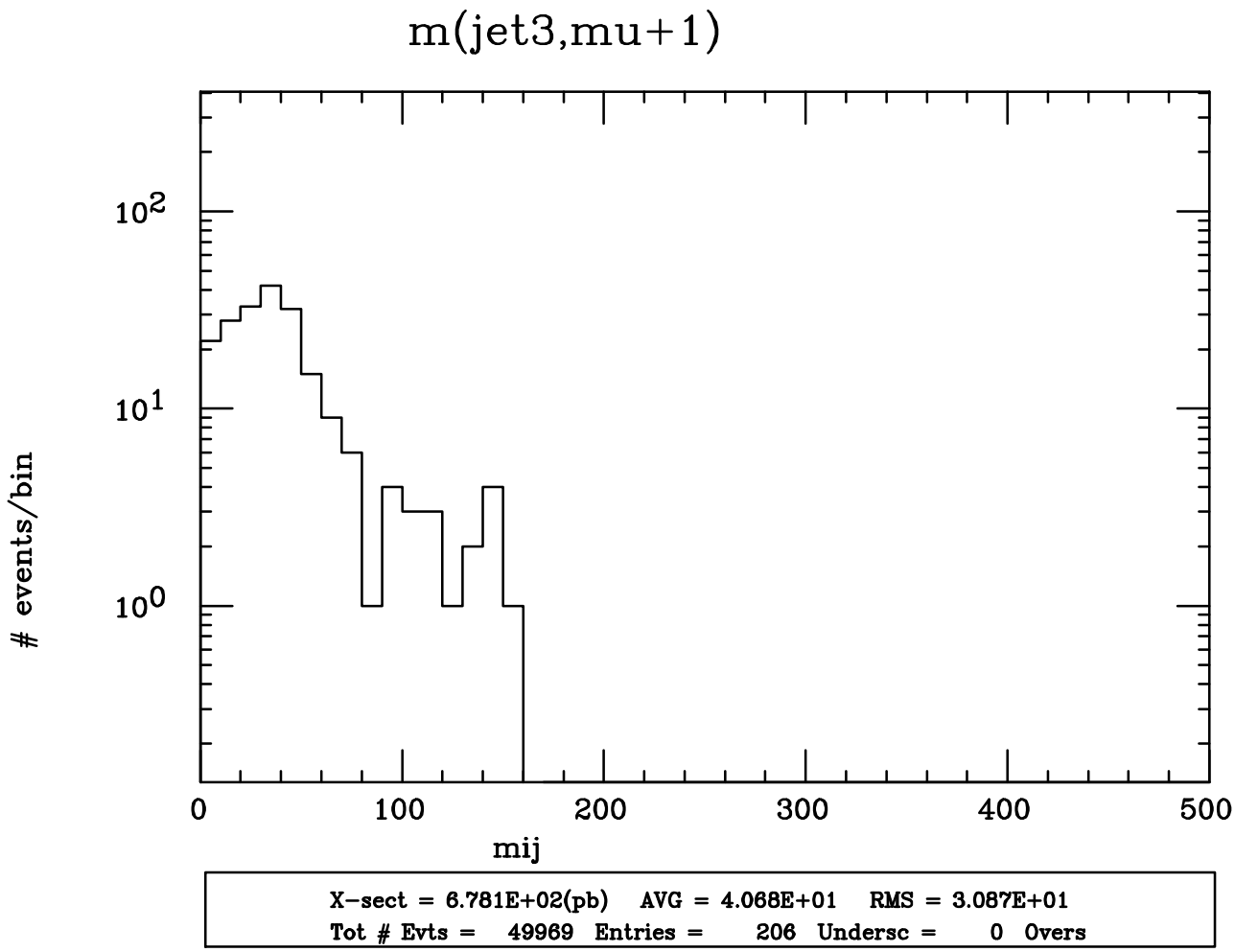

m(jet1,b1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 2.848E+01 RMS = 1.808E+01
Tot # Evts = 49969 Entries = 23 Undersc = 0 Overs

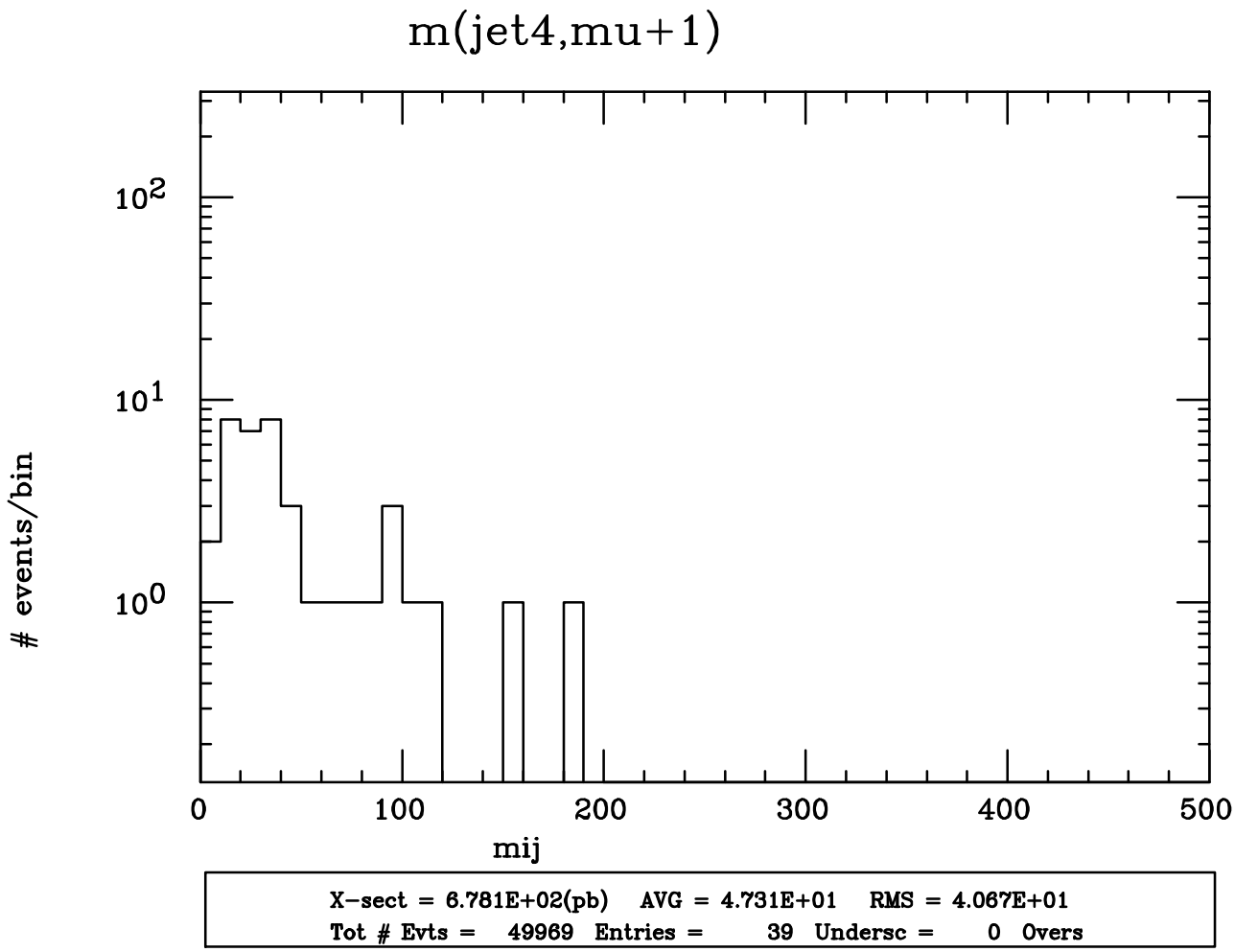

m(jet2,b1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 2.000E+01 RMS = 9.574E+00
Tot # Evts = 49969 Entries = 6 Undersc = 0 Overs

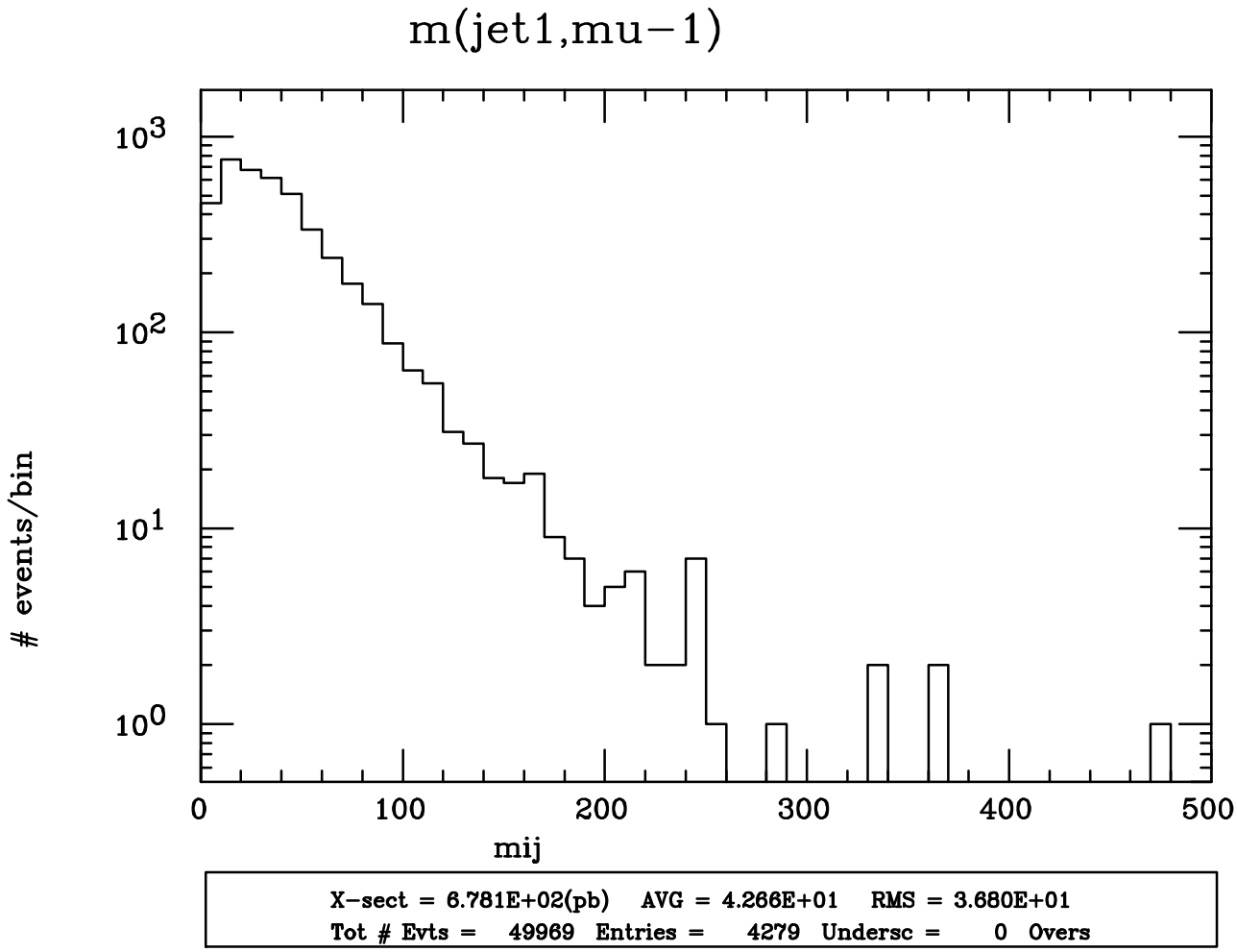

m(jet3,b1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 1.500E+01 RMS = 1.000E+01
Tot # Evts = 49969 Entries = 2 Undersc = 0 Overs

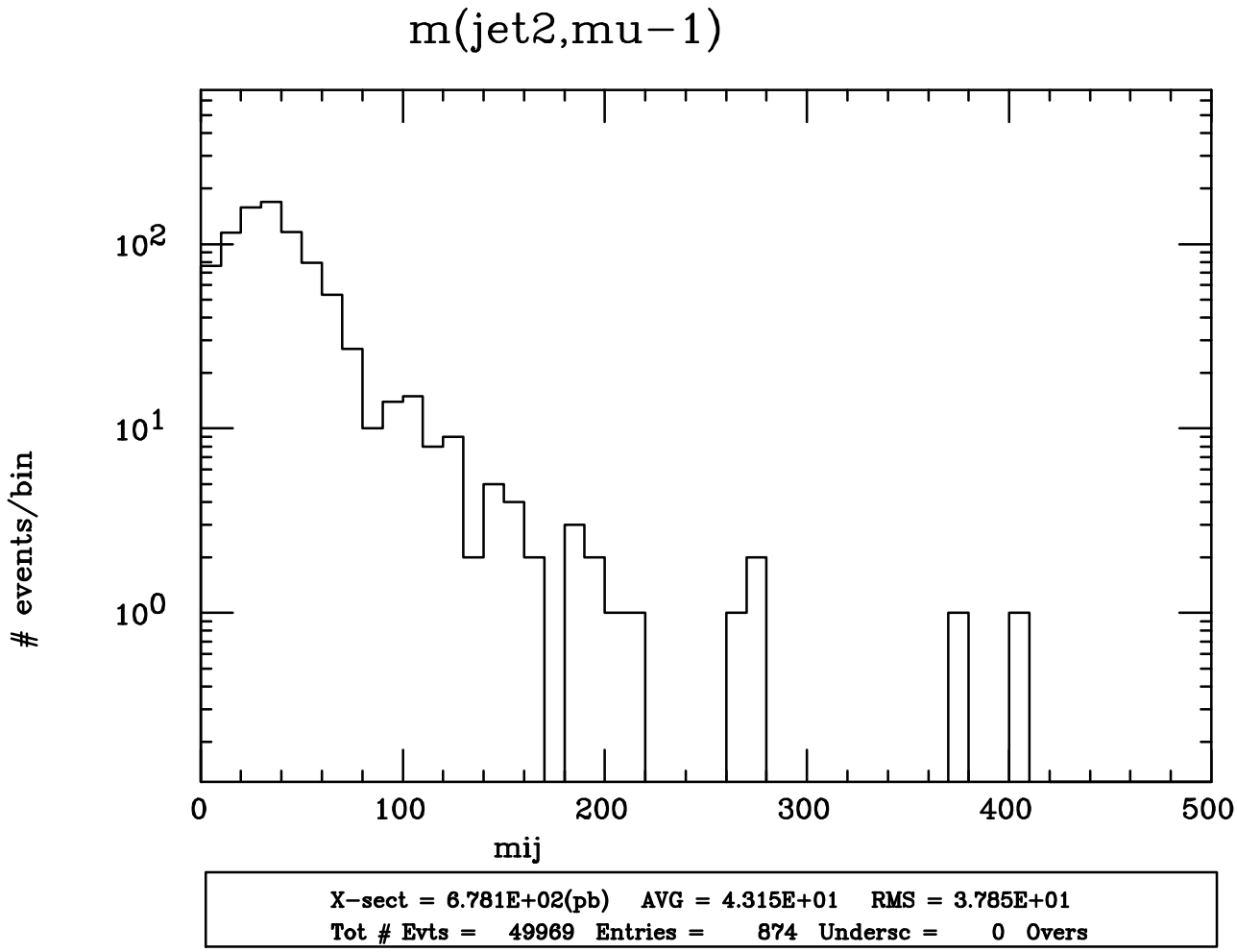

m(jet1,mu+1)
# events/bin
10^3
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 4.124E+01 RMS = 3.508E+01
Tot # Evts = 49969 Entries = 4314 Undersc = 0 Overs

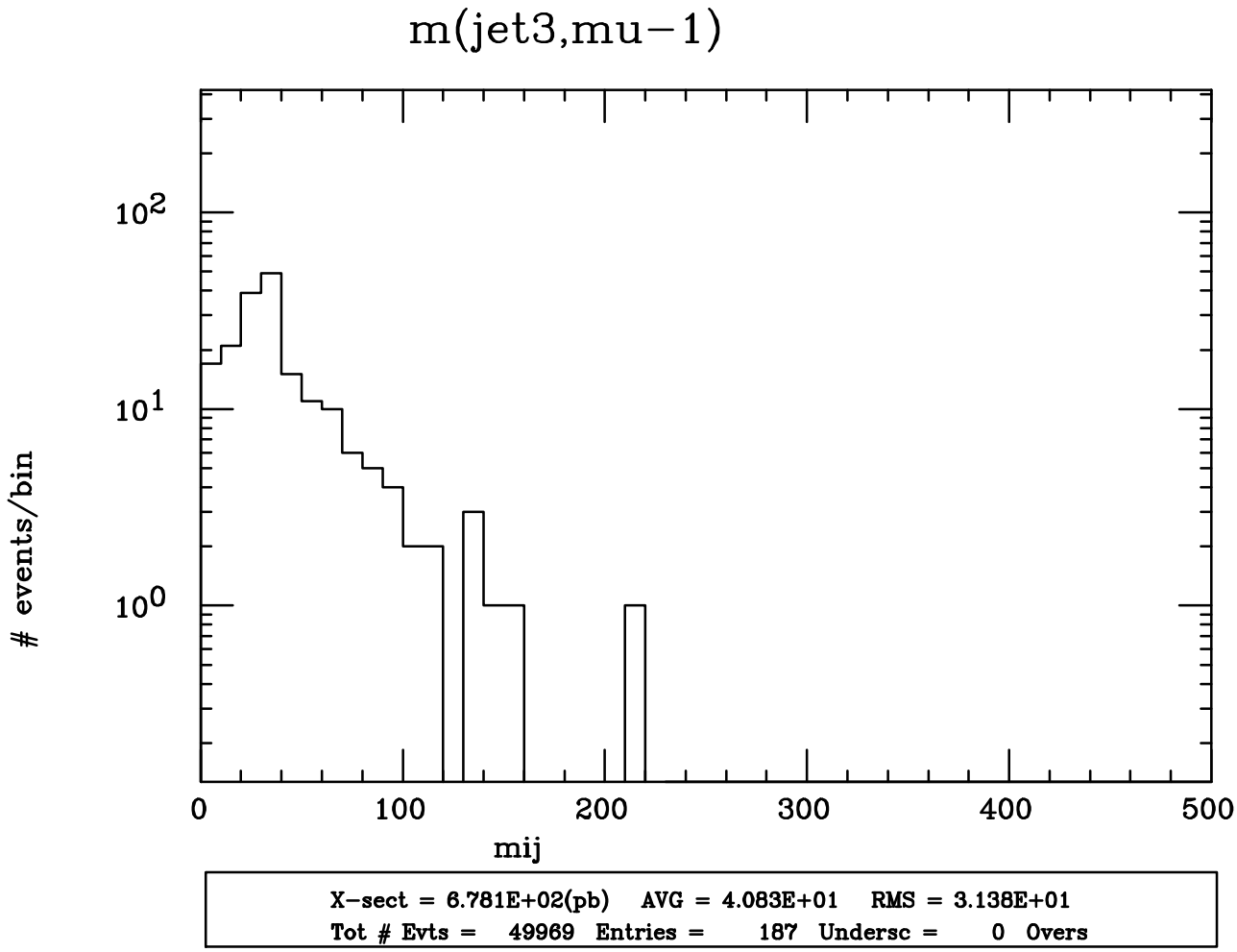

m(jet2,mu+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 4.152E+01 RMS = 3.196E+01
Tot # Evts = 49969 Entries = 890 Undersc = 0 Overs

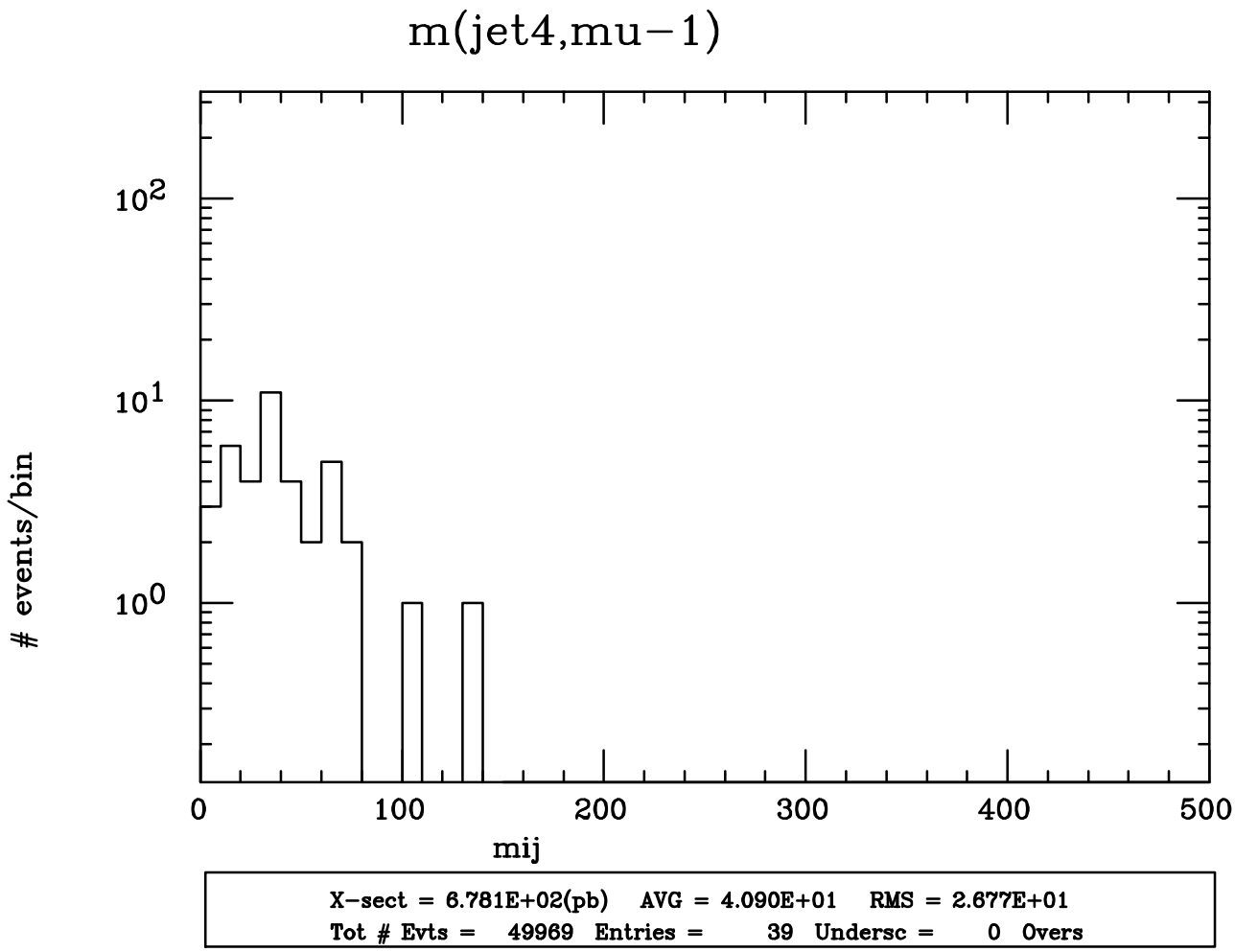

m(jet3,mu+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 4.068E+01 RMS = 3.087E+01
Tot # Evts = 49969 Entries = 206 Undersc = 0 Overs

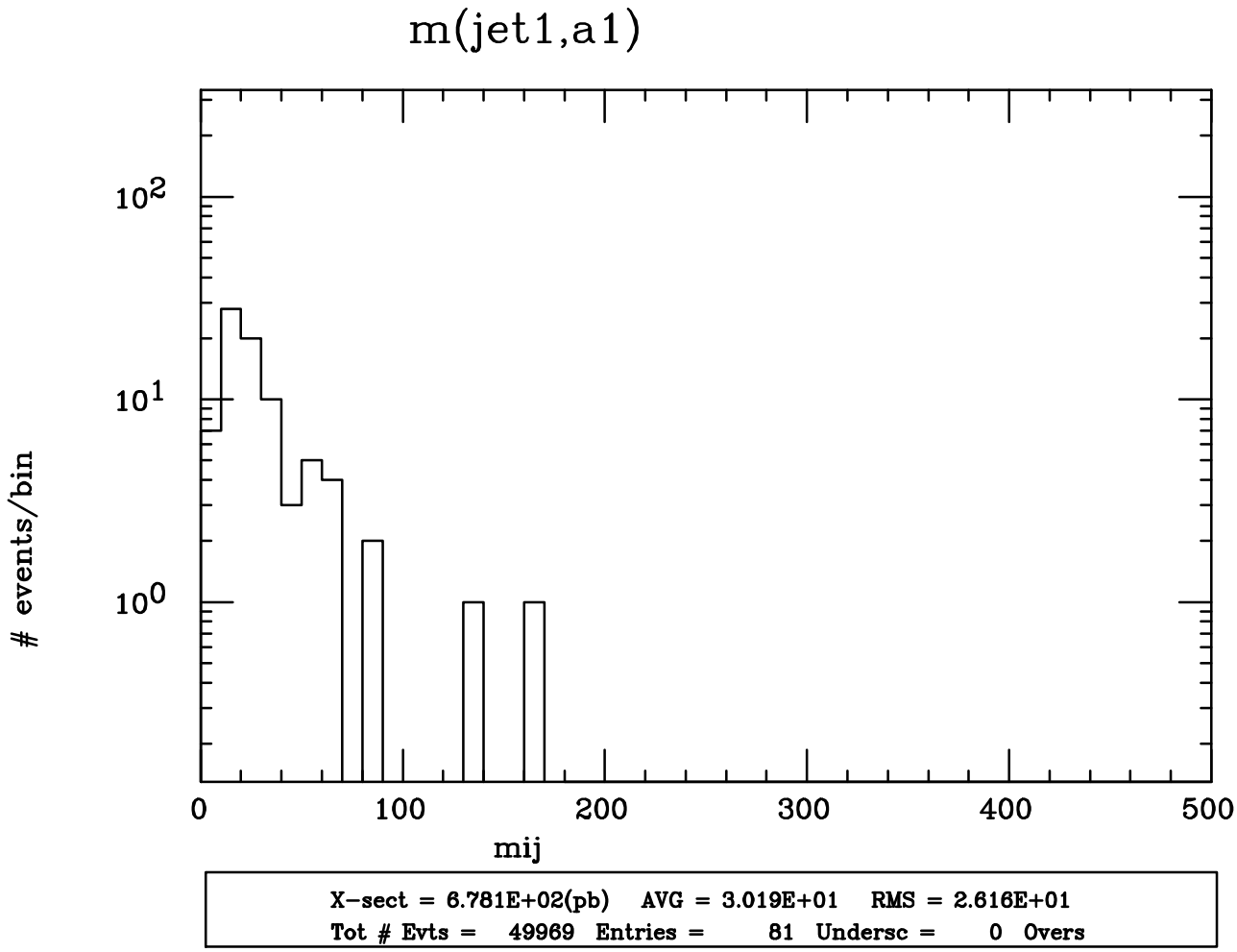

m(jet4,mu+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 4.731E+01 RMS = 4.067E+01
Tot # Evts = 49969 Entries = 39 Undersc = 0 Overs

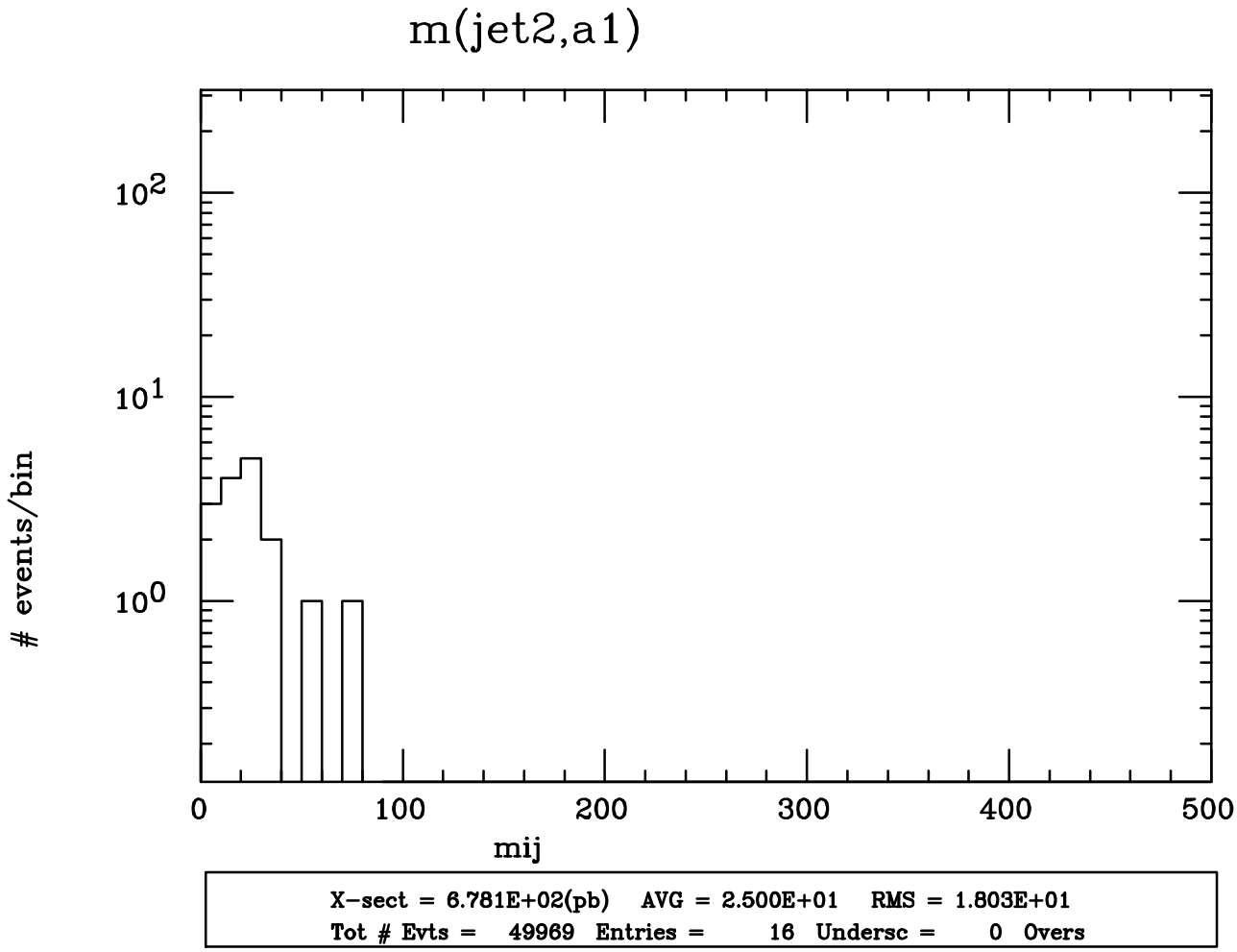

m(jet1,mu−1)
# events/bin
10^3
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 6.781E+02(pb) AVG = 4.266E+01 RMS = 3.680E+01
Tot # Evts = 49969 Entries = 4279 Undersc = 0 Overs

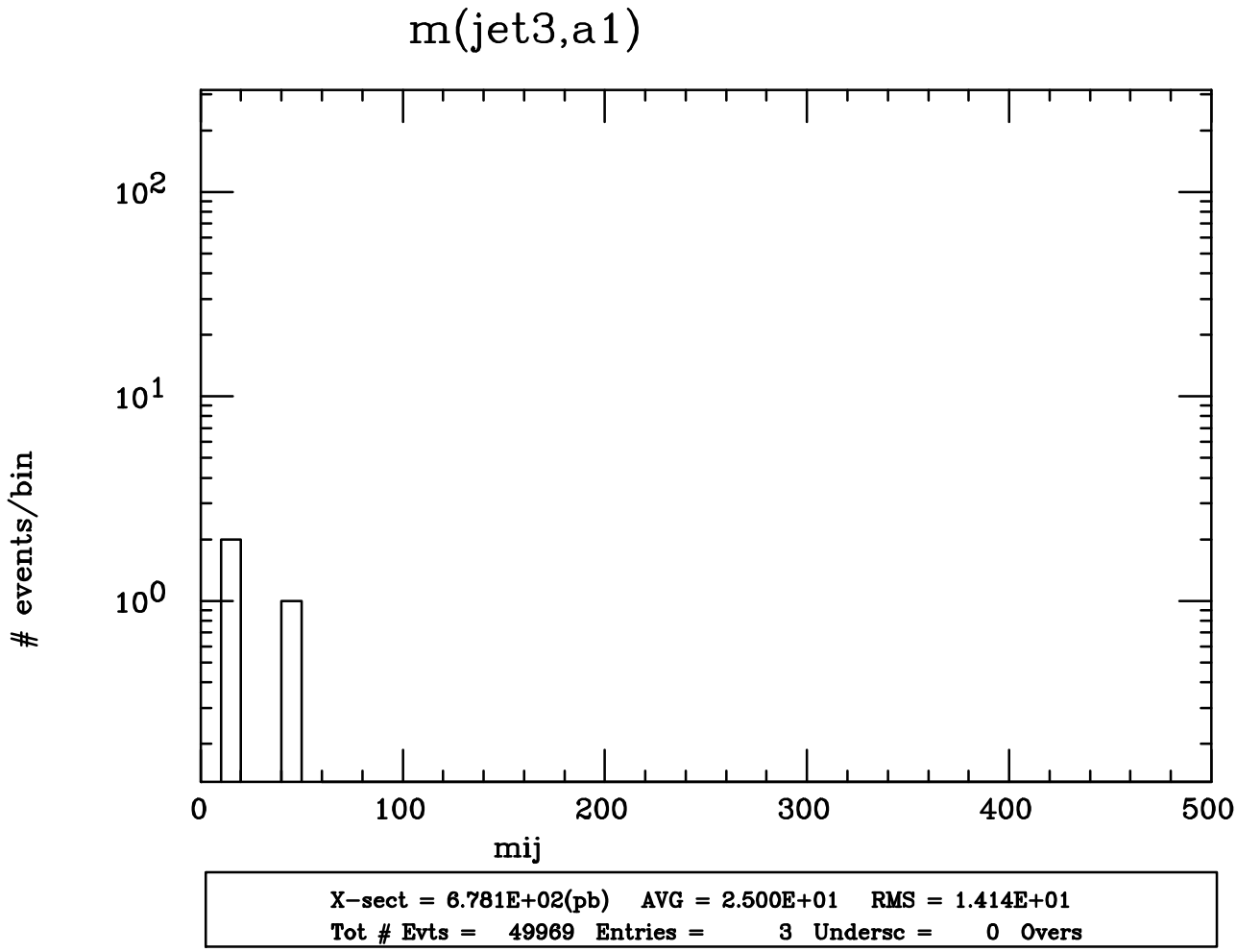

m(jet2,mu−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 6.781E+02(pb) AVG = 4.315E+01 RMS = 3.785E+01
Tot # Evts = 49969 Entries = 874 Undersc = 0 Overs

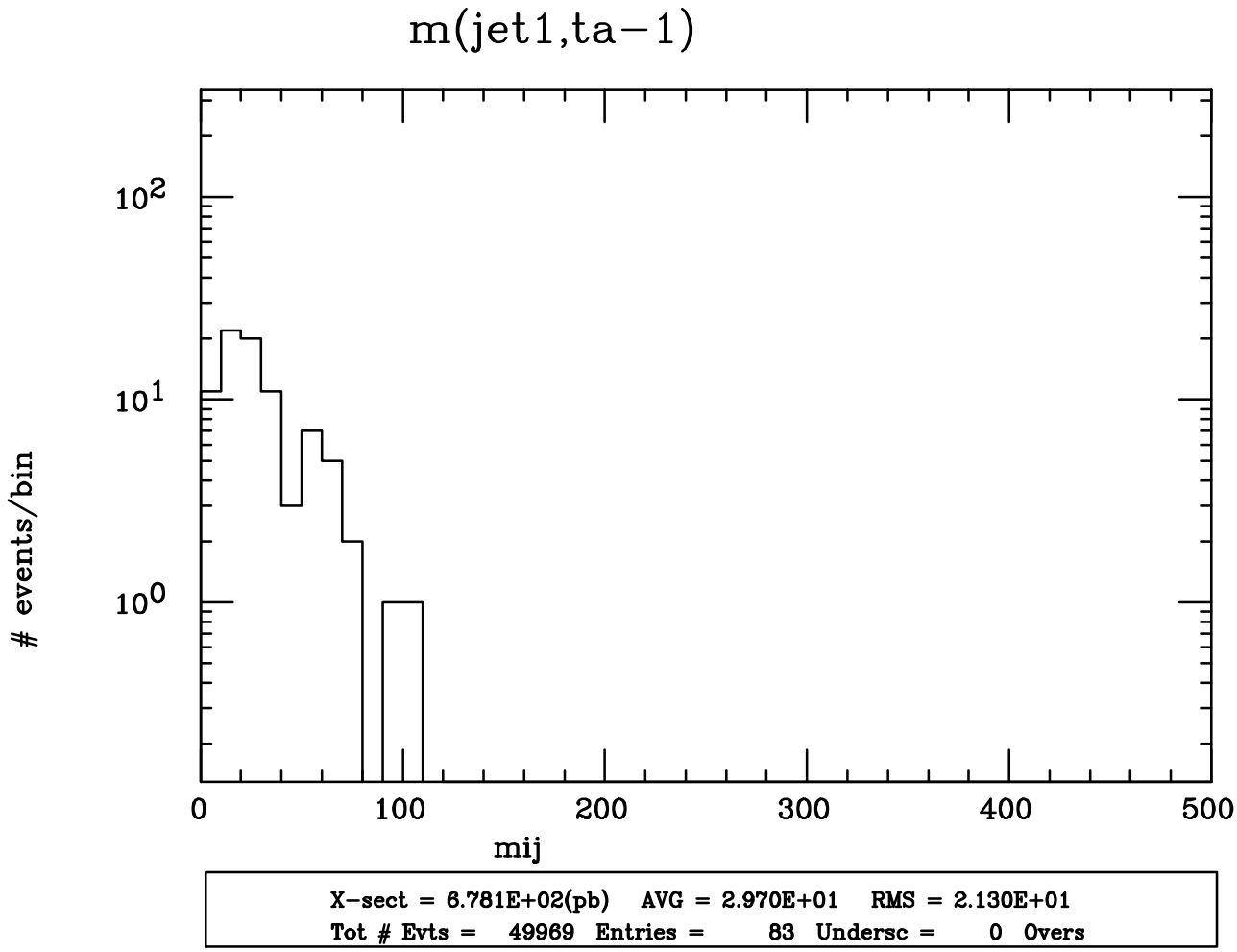

m(jet3,mu−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 6.781E+02(pb) AVG = 4.083E+01 RMS = 3.138E+01
Tot # Evts = 49969 Entries = 187 Undersc = 0 Overs

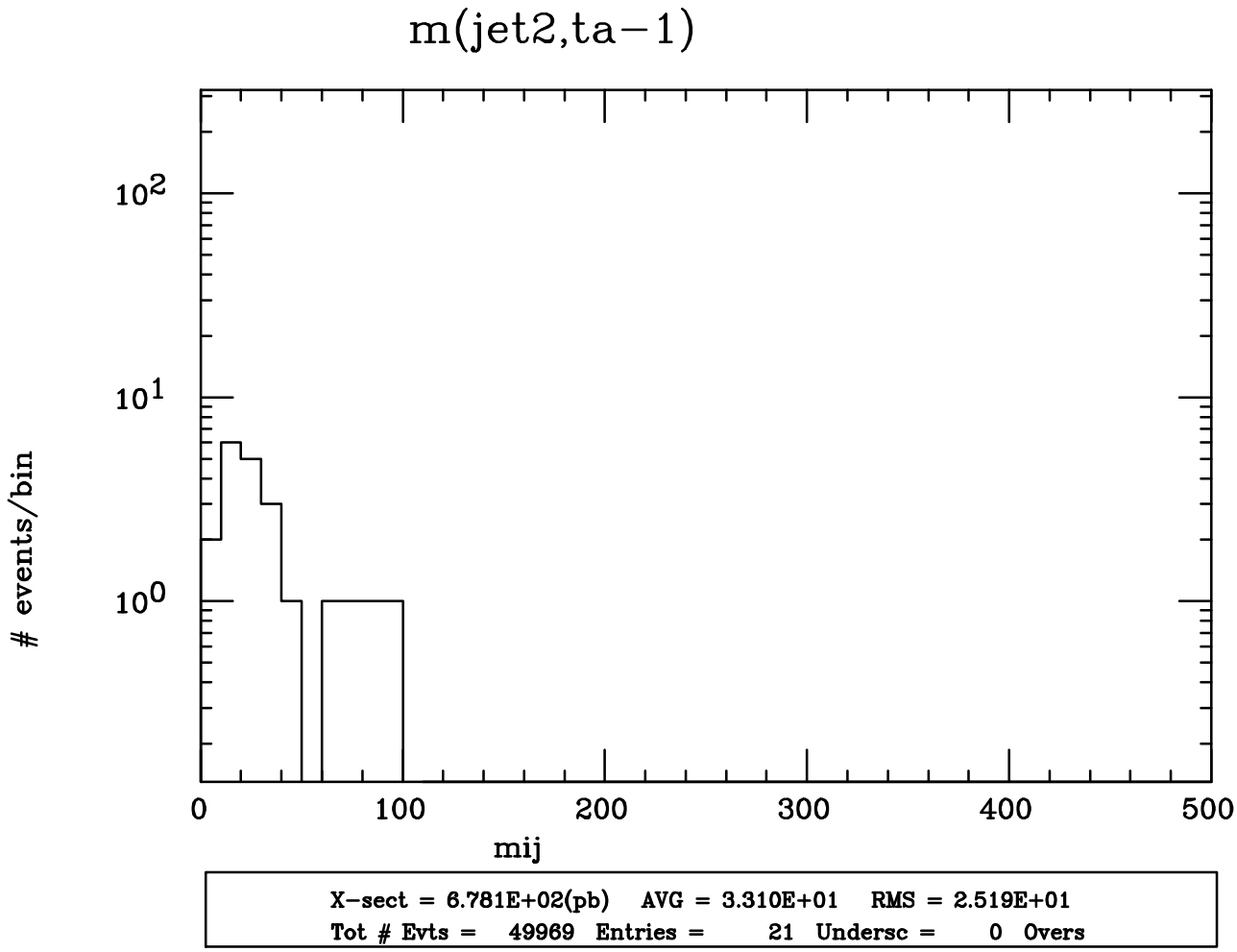

m(jet4,mu−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 6.781E+02(pb) AVG = 4.090E+01 RMS = 2.677E+01
Tot # Evts = 49969 Entries = 39 Undersc = 0 Overs

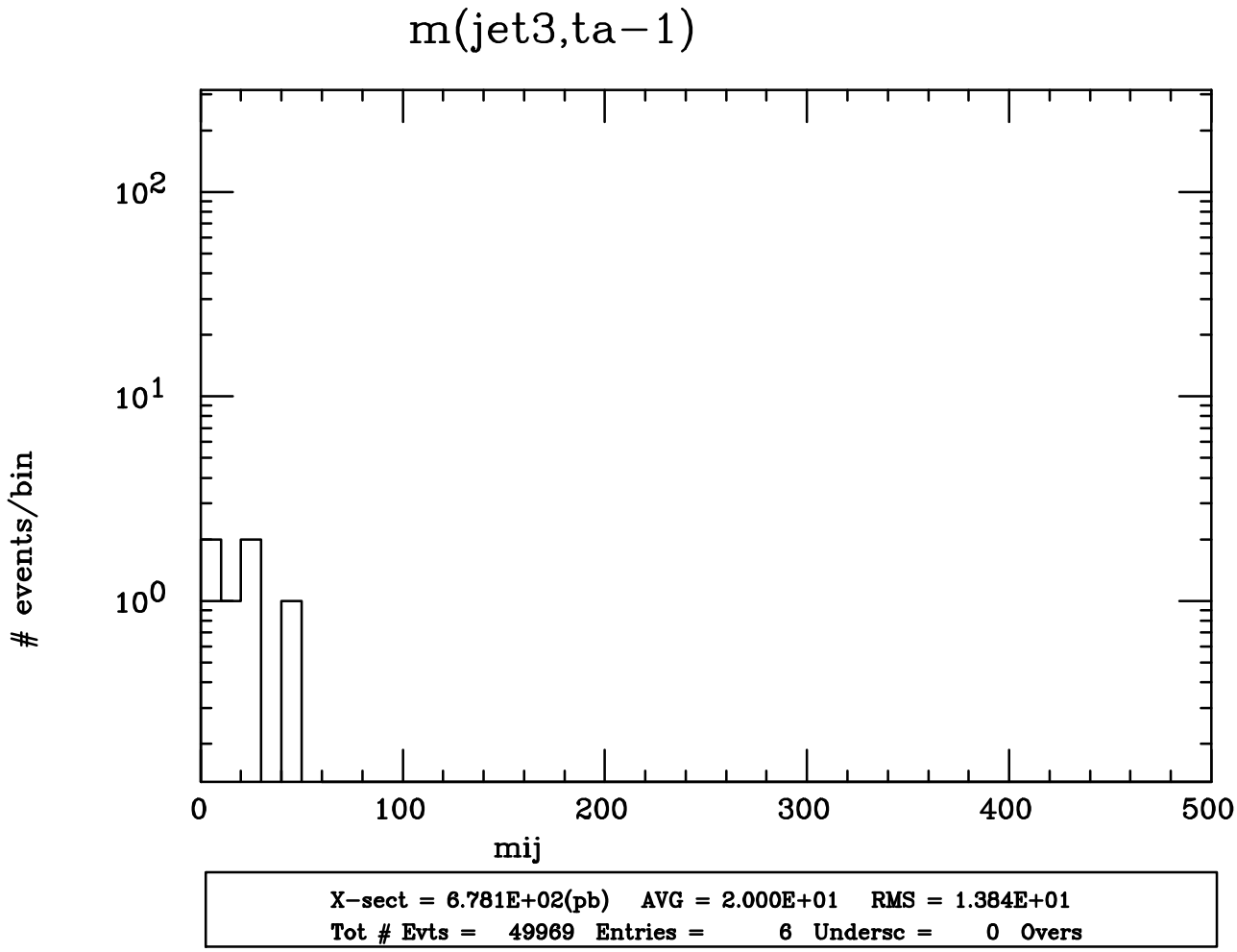

m(jet1,a1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 3.019E+01 RMS = 2.616E+01
Tot # Evts = 49969 Entries = 81 Undersc = 0 Overs

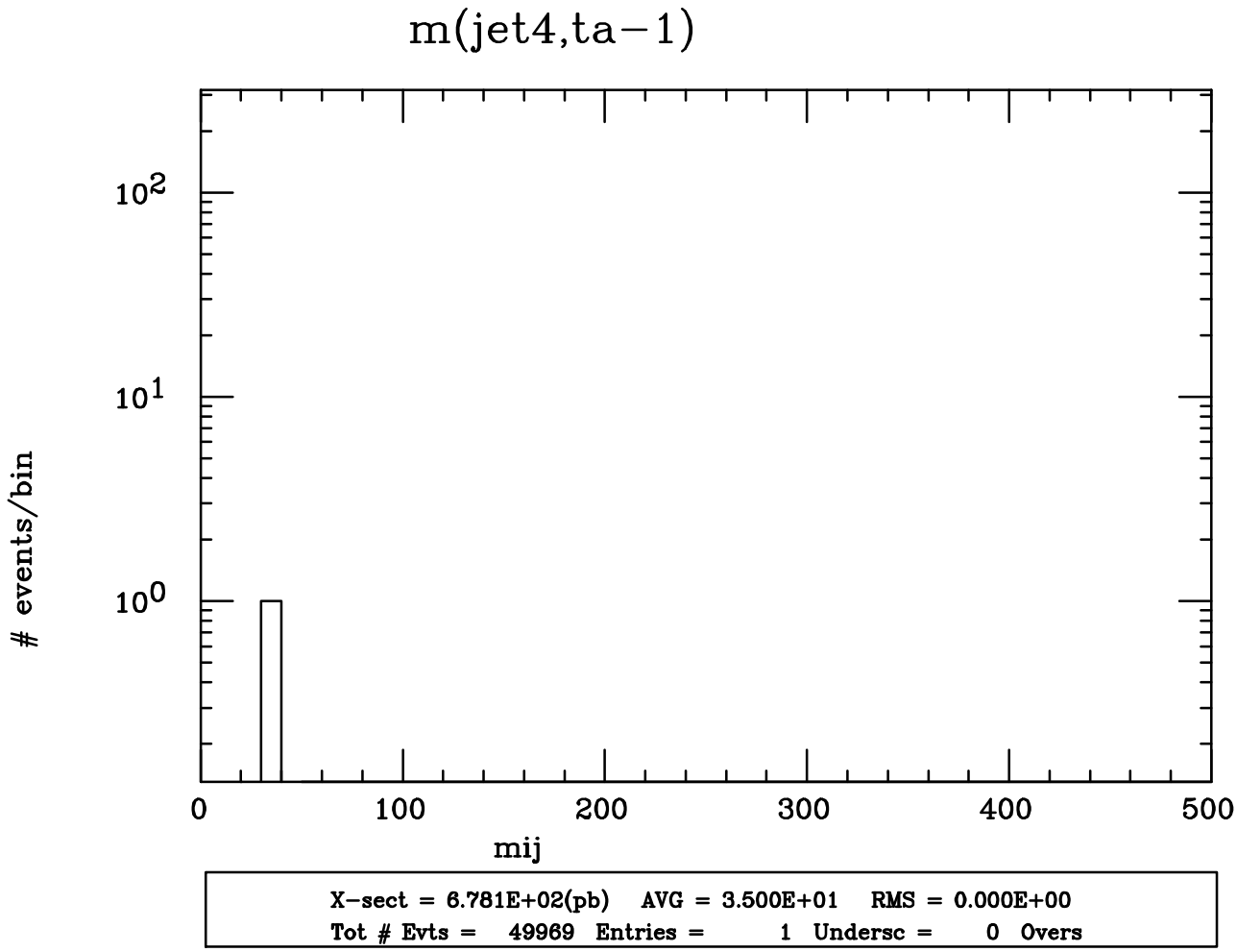

m(jet2,a1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 2.500E+01 RMS = 1.803E+01
Tot # Evts = 49969 Entries = 16 Undersc = 0 Overs

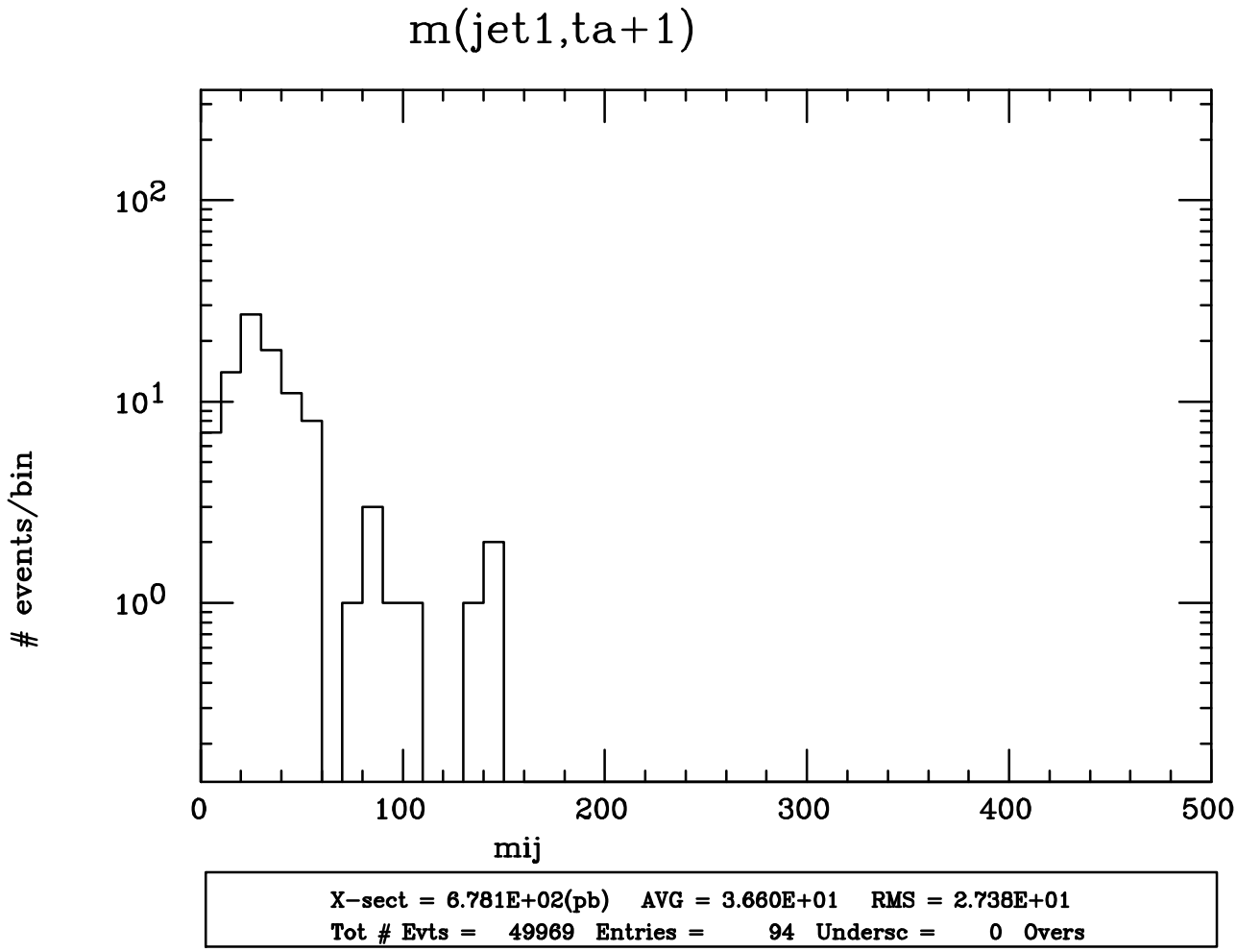

m(jet3,a1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 2.500E+01 RMS = 1.414E+01
Tot # Evts = 49969 Entries = 3 Undersc = 0 Overs

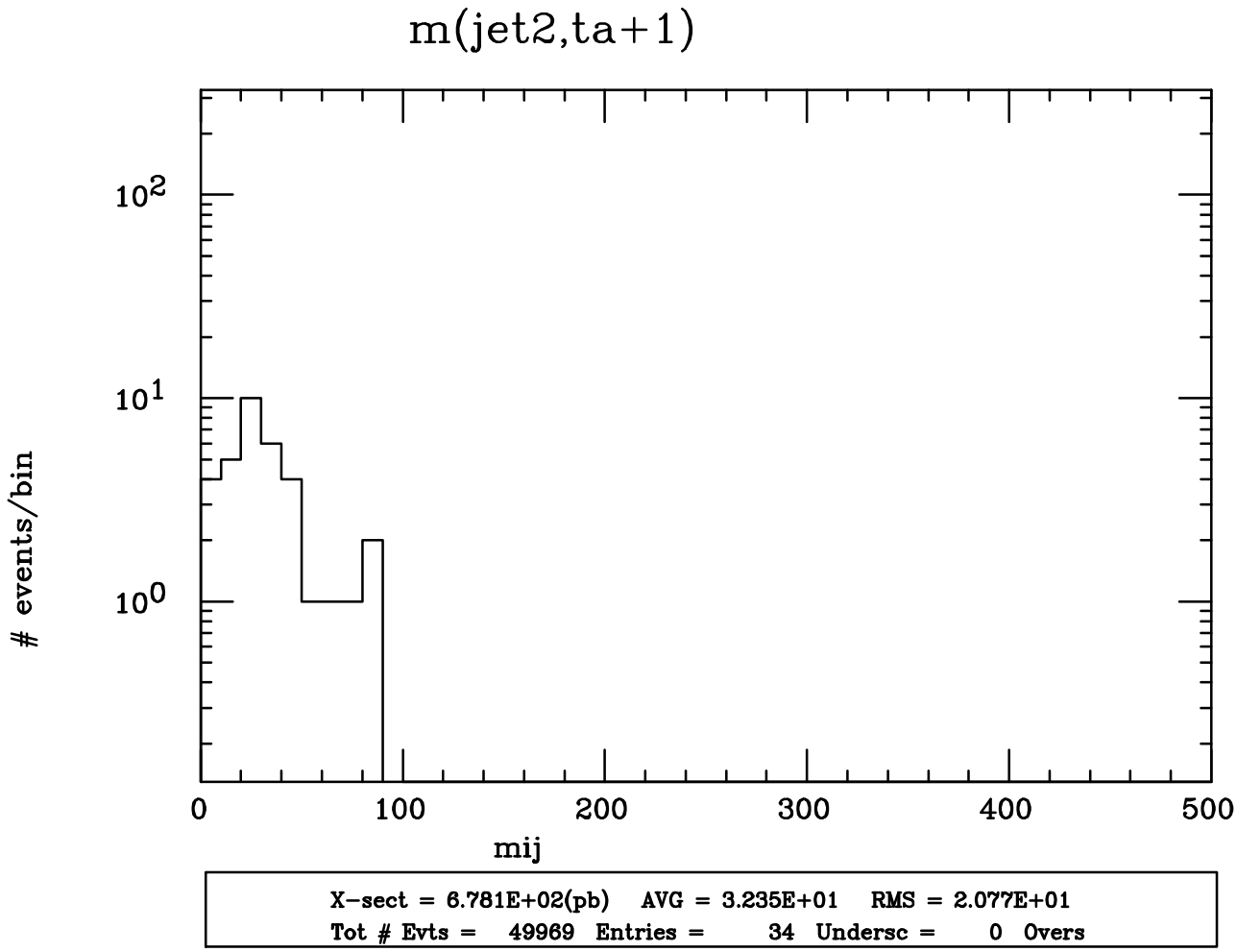

m(jet1,ta−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 6.781E+02(pb) AVG = 2.970E+01 RMS = 2.130E+01
Tot # Evts = 49969 Entries = 83 Undersc = 0 Overs

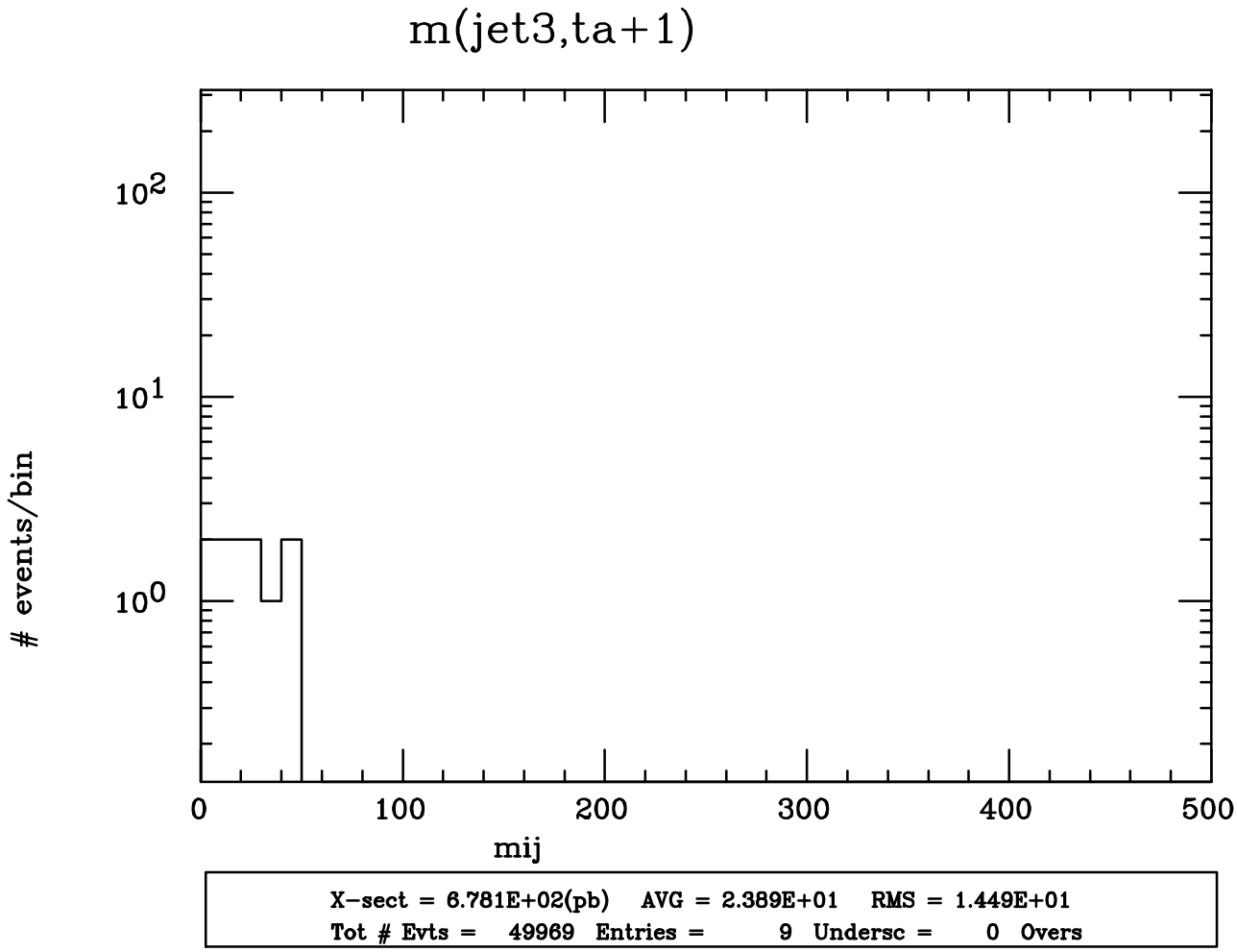

m(jet2,ta−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 6.781E+02(pb) AVG = 3.310E+01 RMS = 2.519E+01
Tot # Evts = 49969 Entries = 21 Undersc = 0 Overs

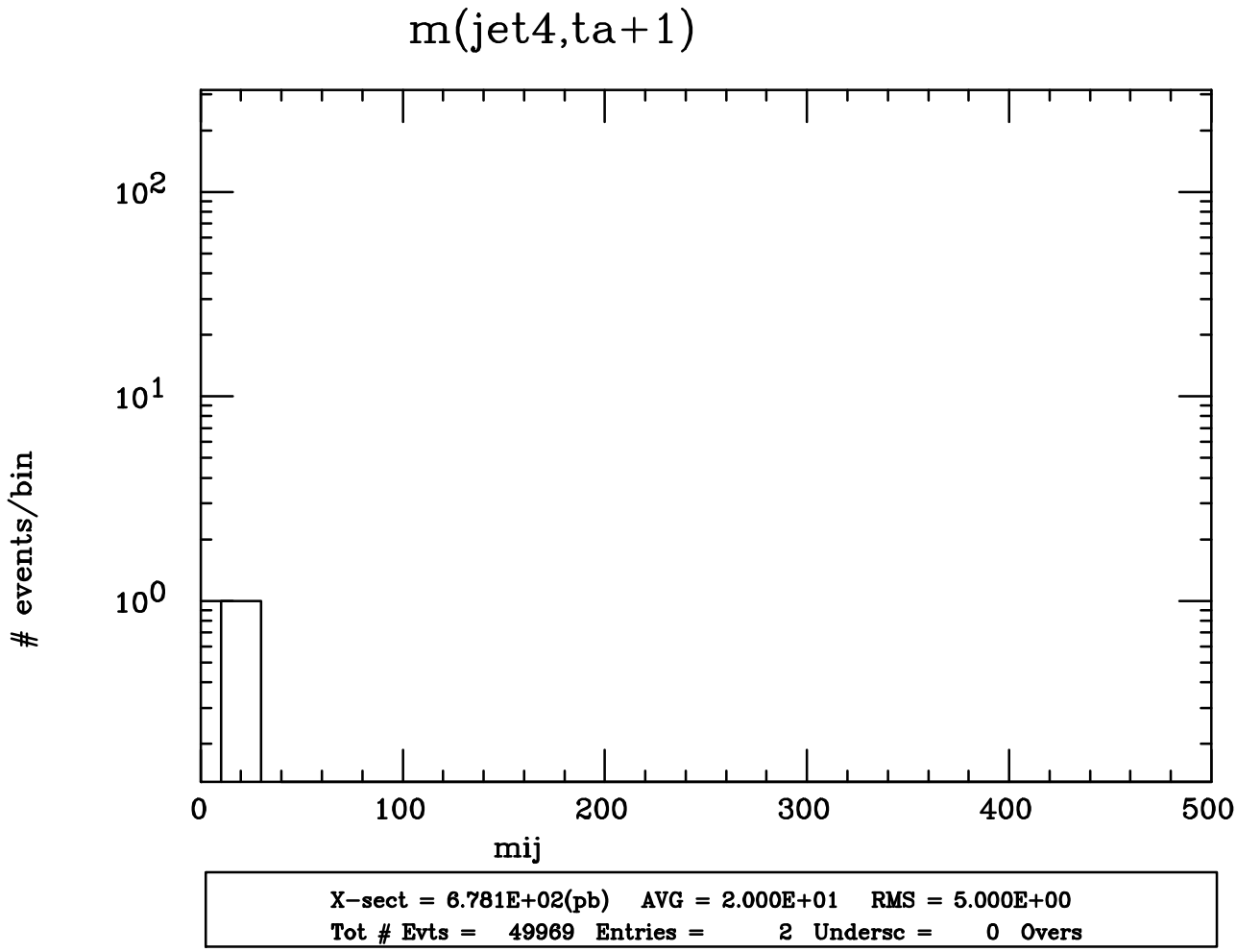

m(jet3,ta−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 6.781E+02(pb) AVG = 2.000E+01 RMS = 1.384E+01
Tot # Evts = 49969 Entries = 6 Undersc = 0 Overs

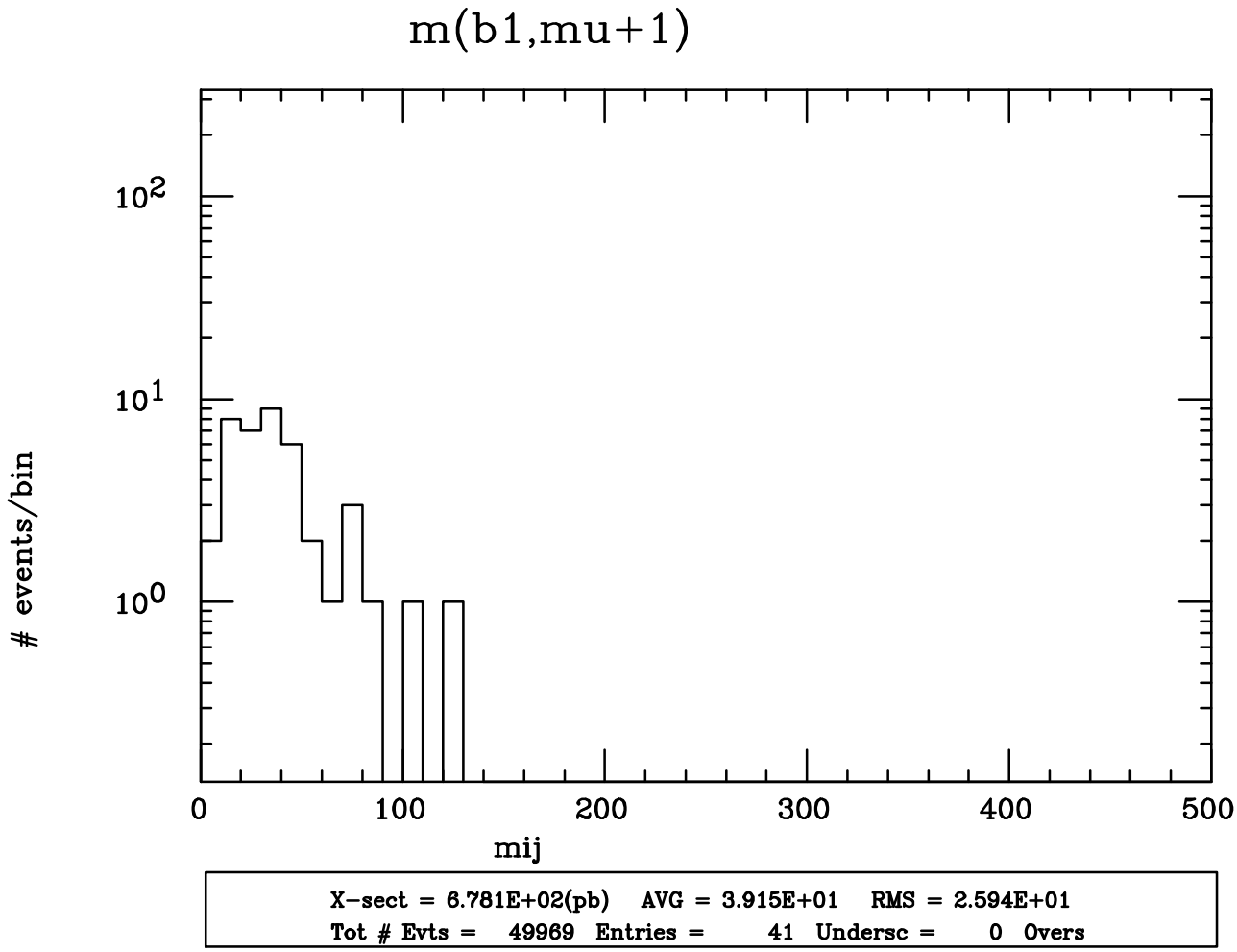

m(jet4,ta−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 6.781E+02(pb) AVG = 3.500E+01 RMS = 0.000E+00
Tot # Evts = 49969 Entries = 1 Undersc = 0 Overs

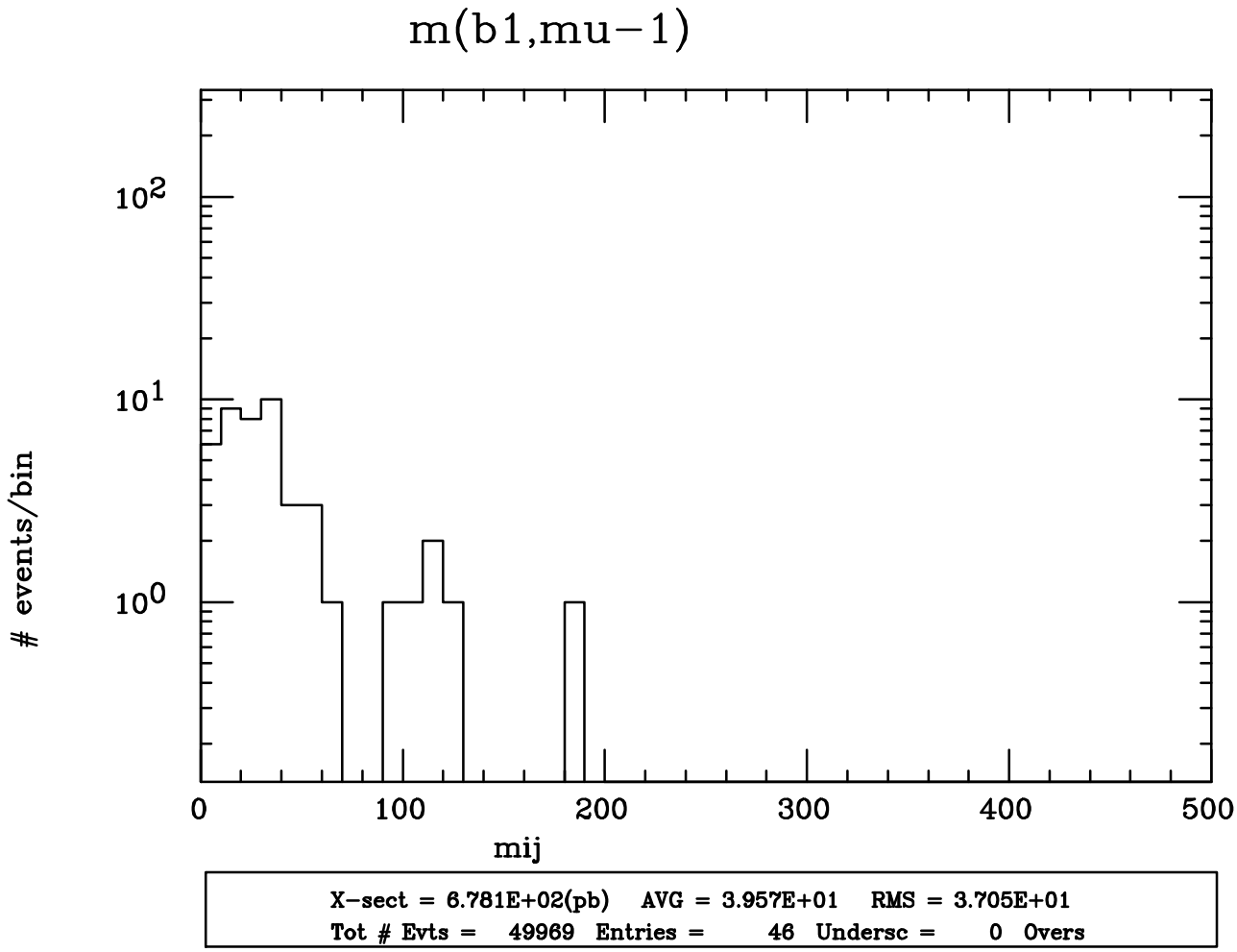

m(jet1,ta+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 3.660E+01 RMS = 2.738E+01
Tot # Evts = 49969 Entries = 94 Undersc = 0 Overs

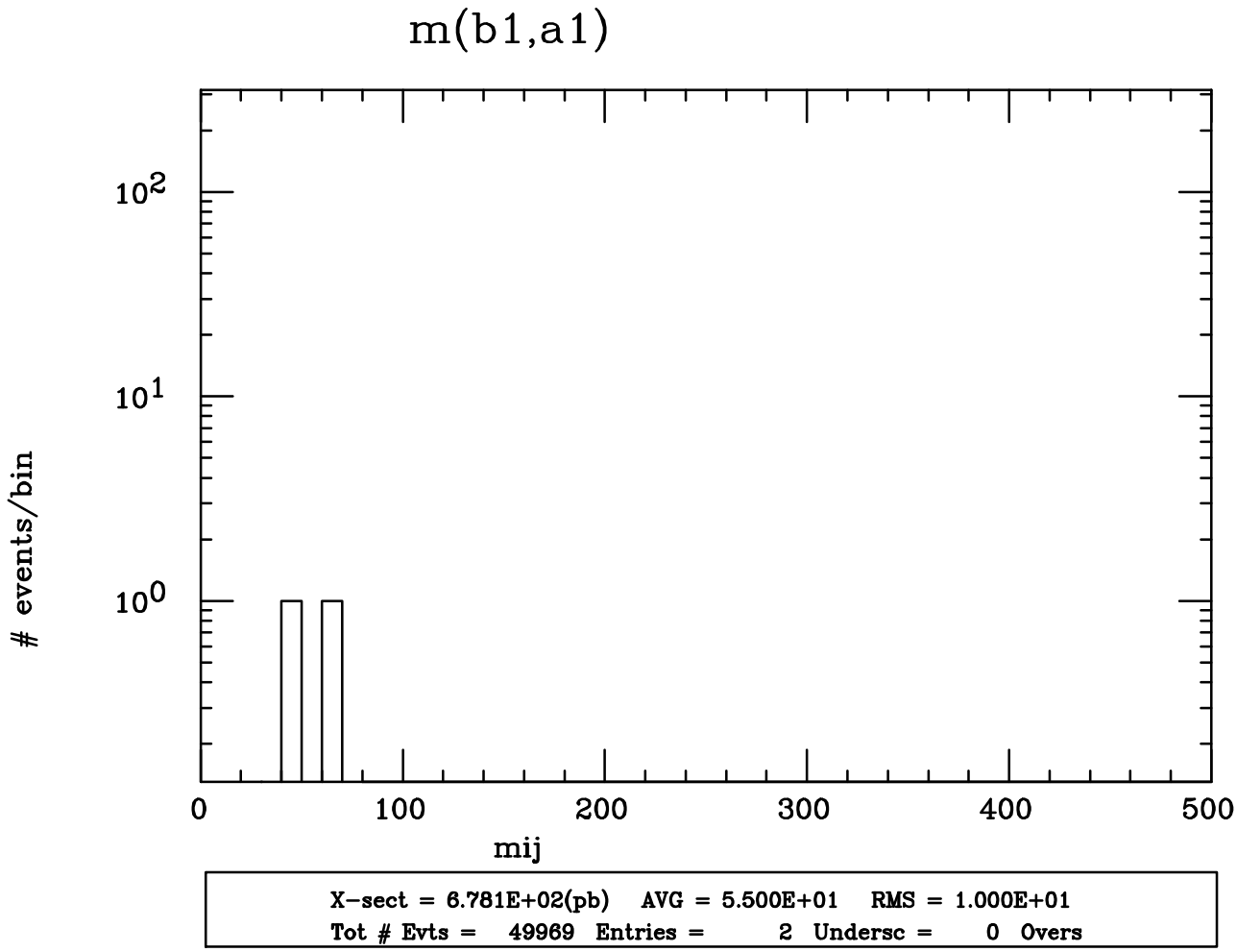

m(jet2,ta+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 3.235E+01 RMS = 2.077E+01
Tot # Evts = 49969 Entries = 34 Undersc = 0 Overs

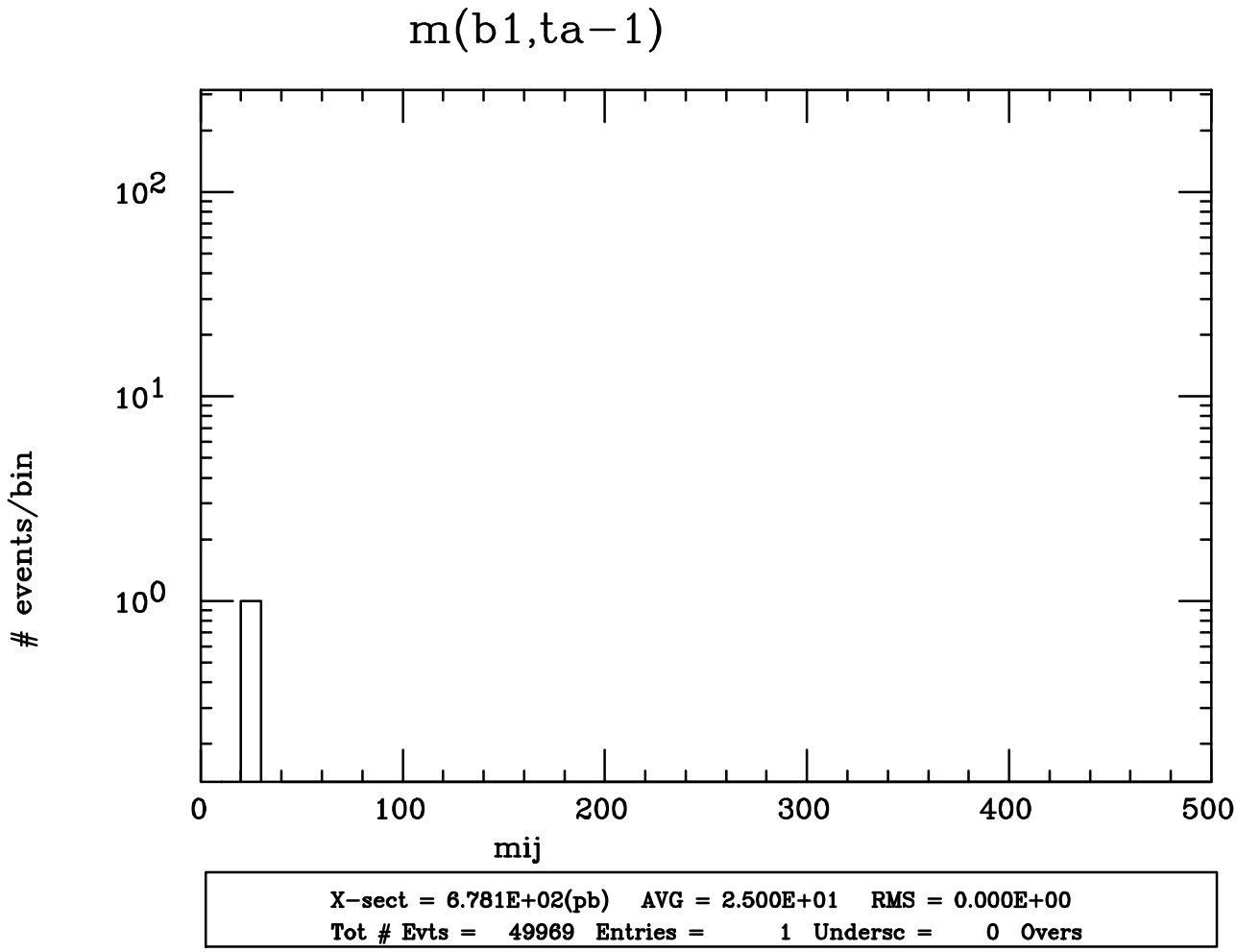

m(jet3,ta+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 2.389E+01 RMS = 1.449E+01
Tot # Evts = 49969 Entries = 9 Undersc = 0 Overs

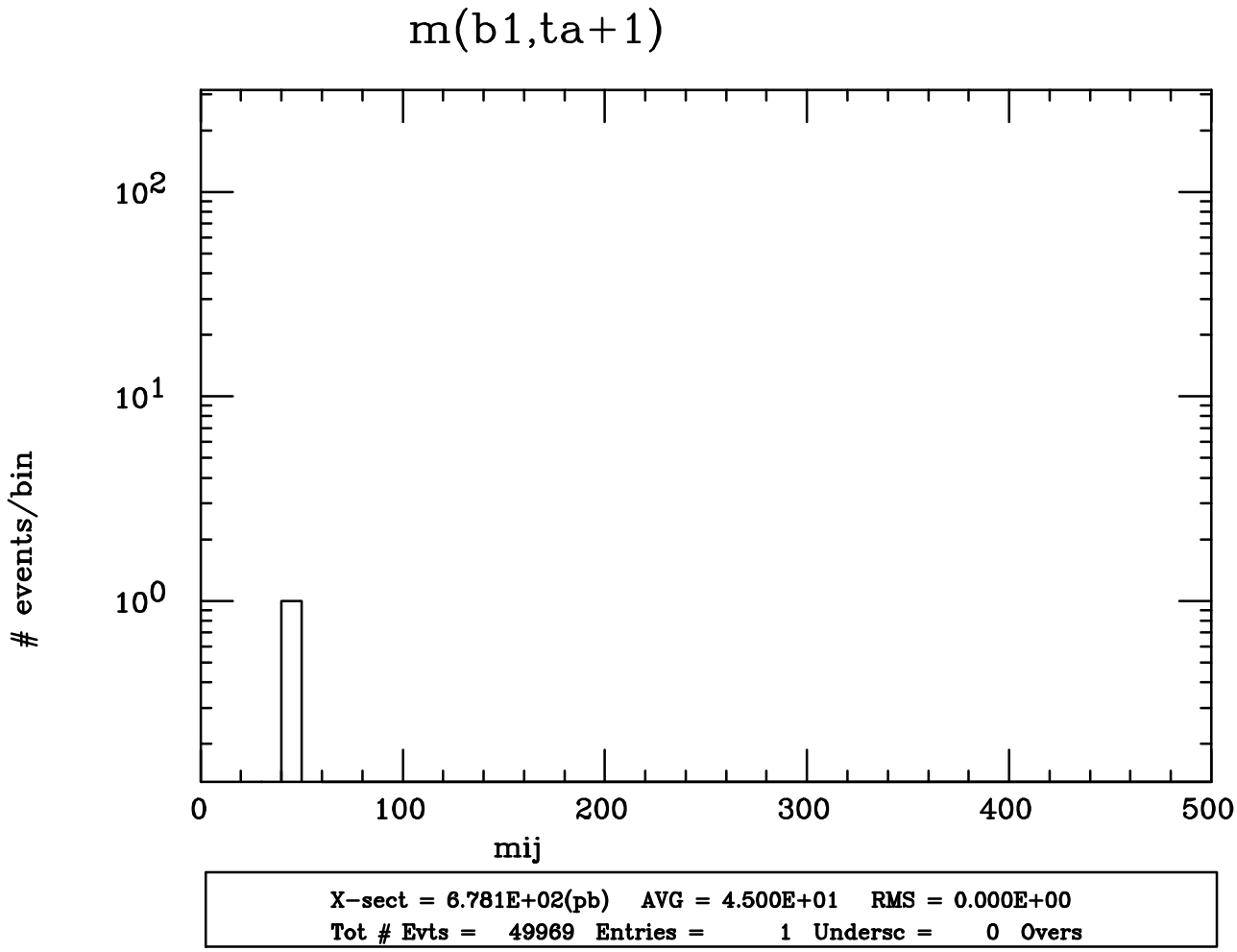

m(jet4,ta+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 2.000E+01 RMS = 5.000E+00
Tot # Evts = 49969 Entries = 2 Undersc = 0 Overs

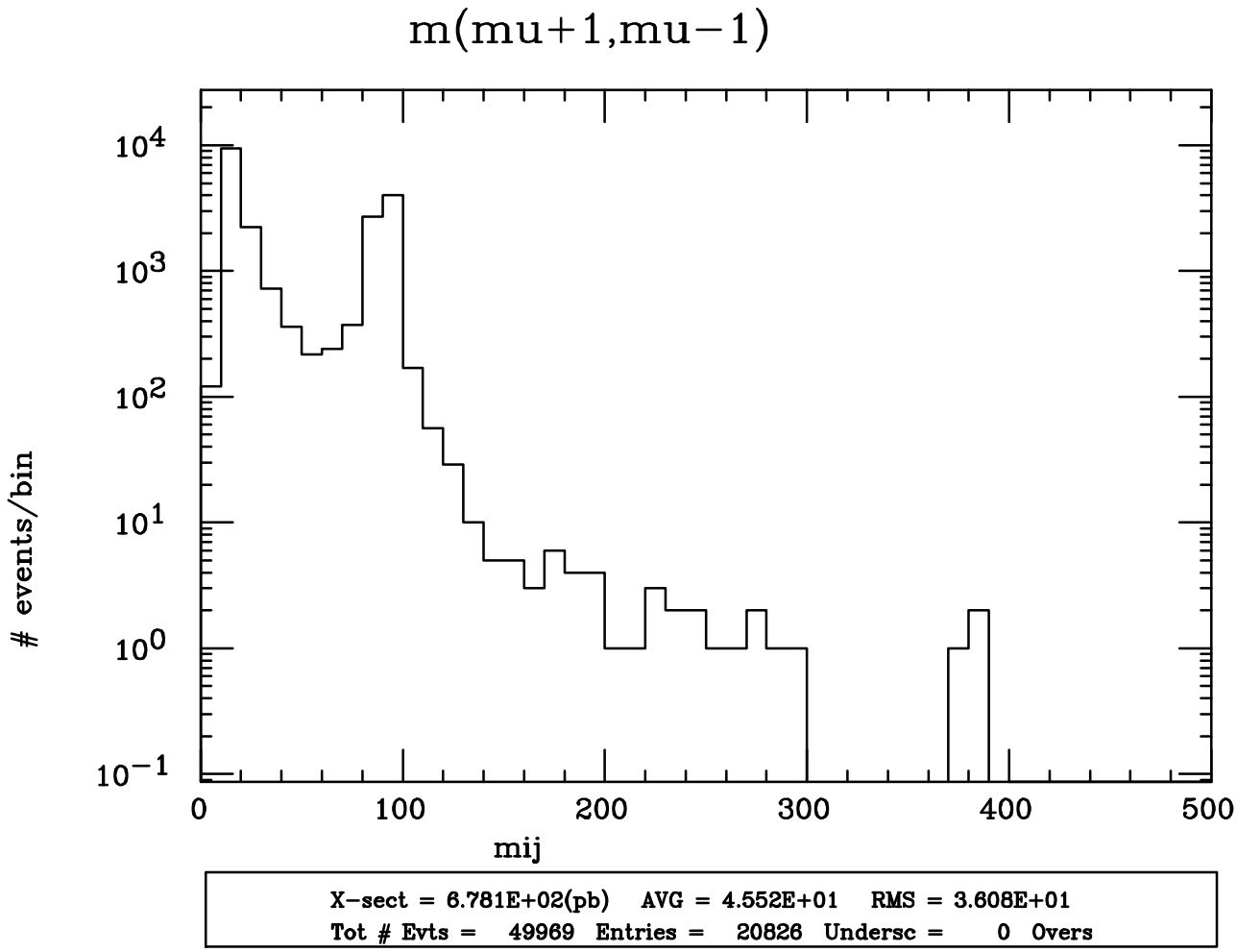

m(b1,mu+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 3.915E+01 RMS = 2.594E+01
Tot # Evts = 49969 Entries = 41 Undersc = 0 Overs

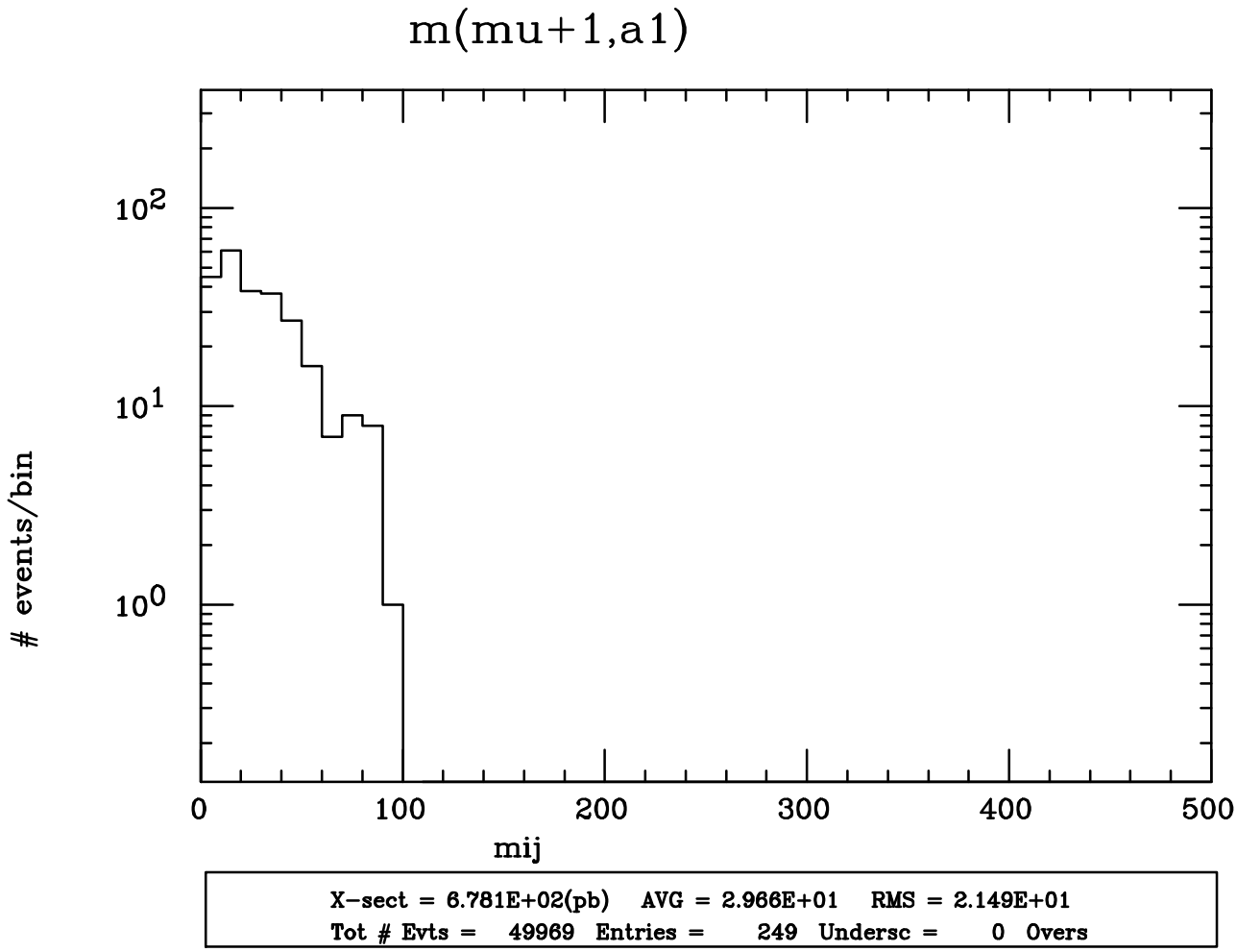

m(b1,mu−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 6.781E+02(pb) AVG = 3.957E+01 RMS = 3.705E+01
Tot # Evts = 49969 Entries = 46 Undersc = 0 Overs

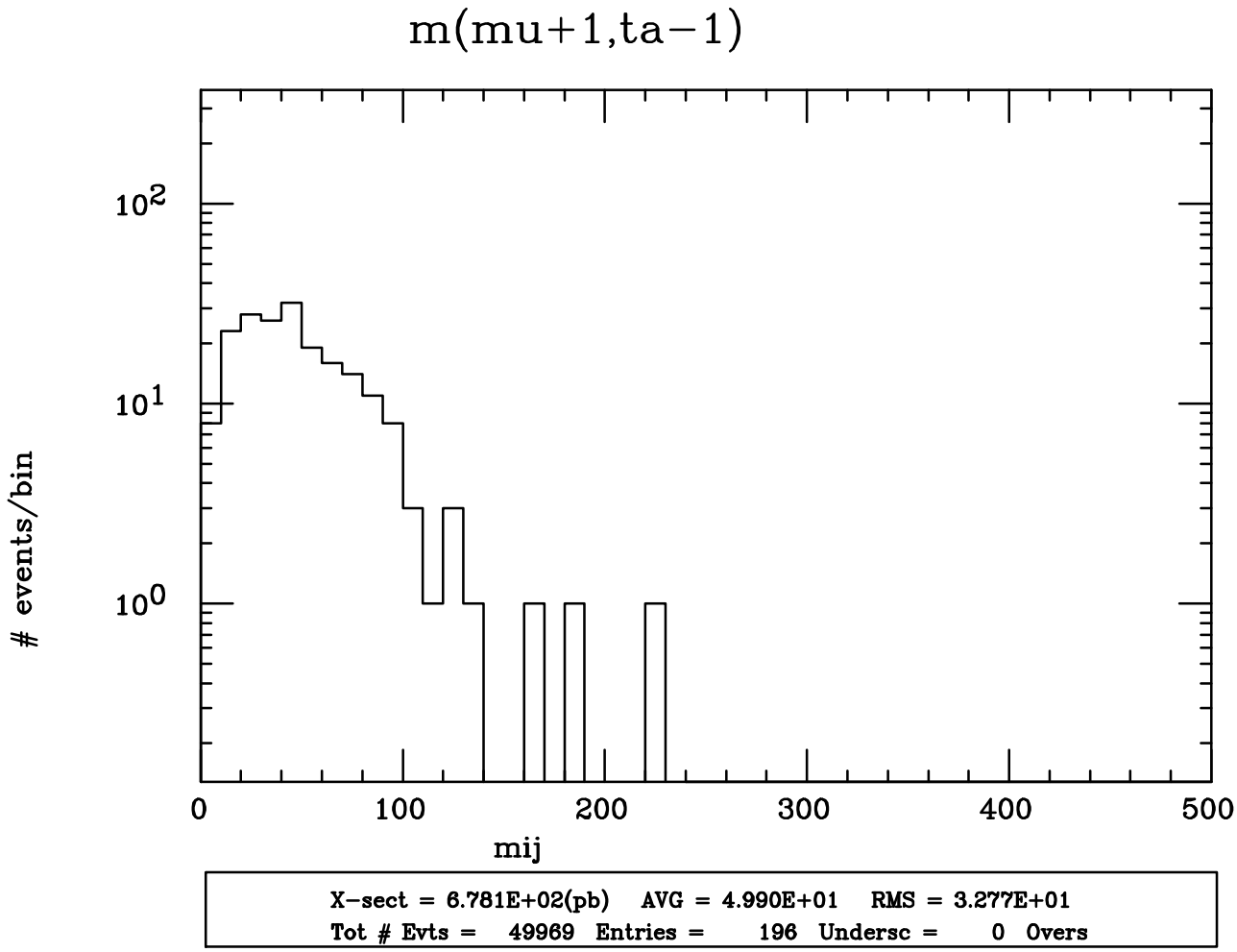

m(b1,a1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 5.500E+01 RMS = 1.000E+01
Tot # Evts = 49969 Entries = 2 Undersc = 0 Overs

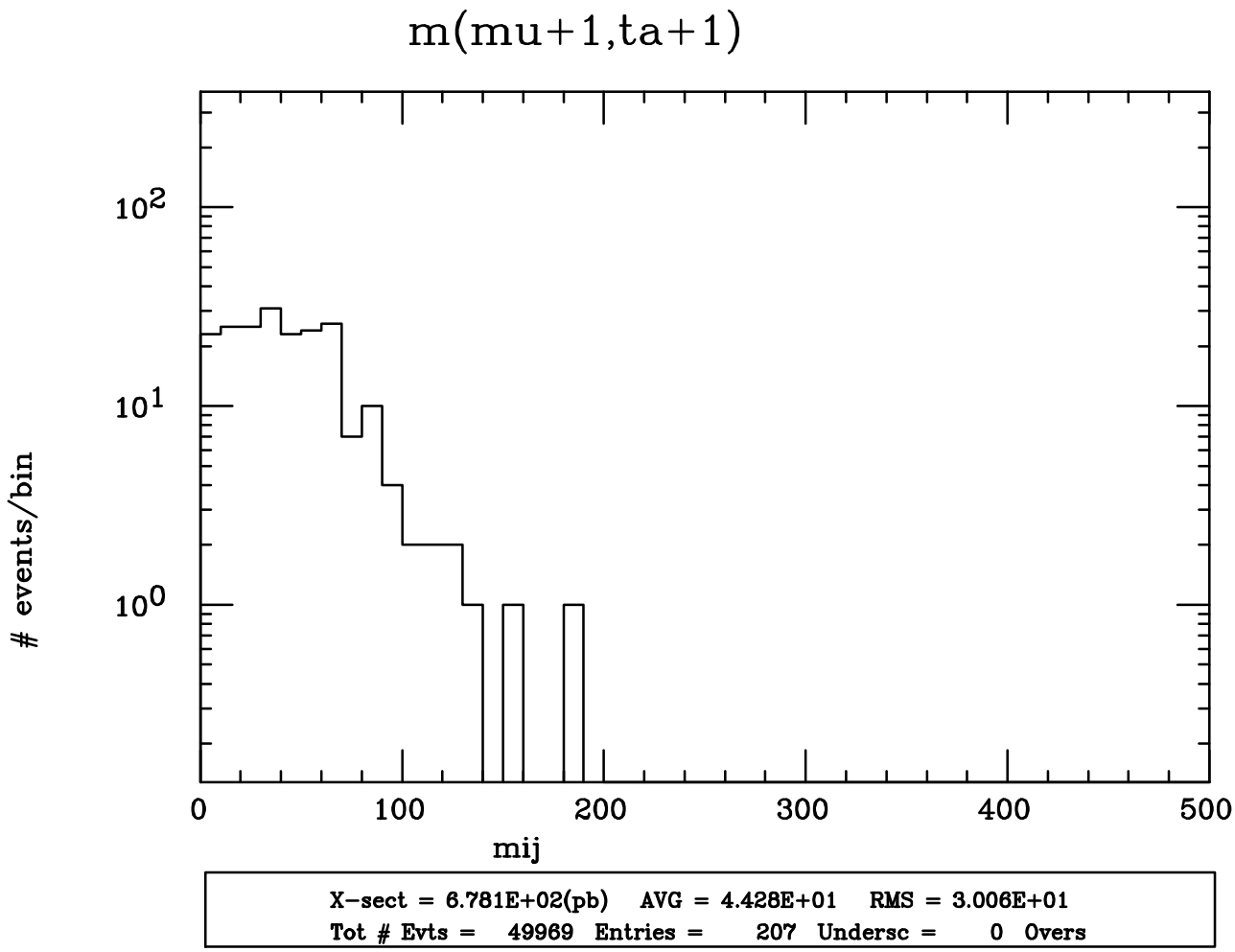

m(b1,ta−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 6.781E+02(pb) AVG = 2.500E+01 RMS = 0.000E+00
Tot # Evts = 49969 Entries = 1 Undersc = 0 Overs

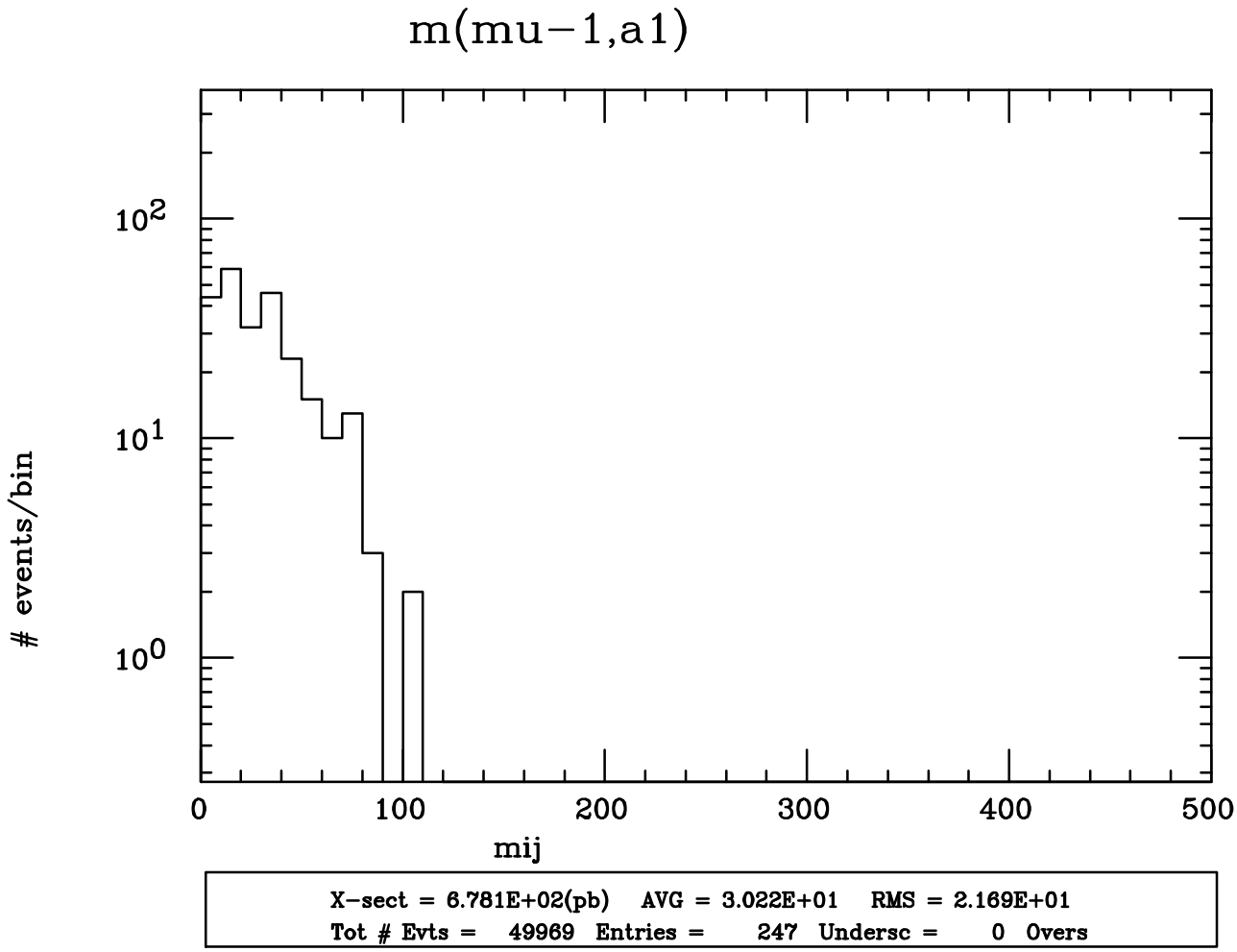

m(b1,ta+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 4.500E+01 RMS = 0.000E+00
Tot # Evts = 49969 Entries = 1 Undersc = 0 Overs

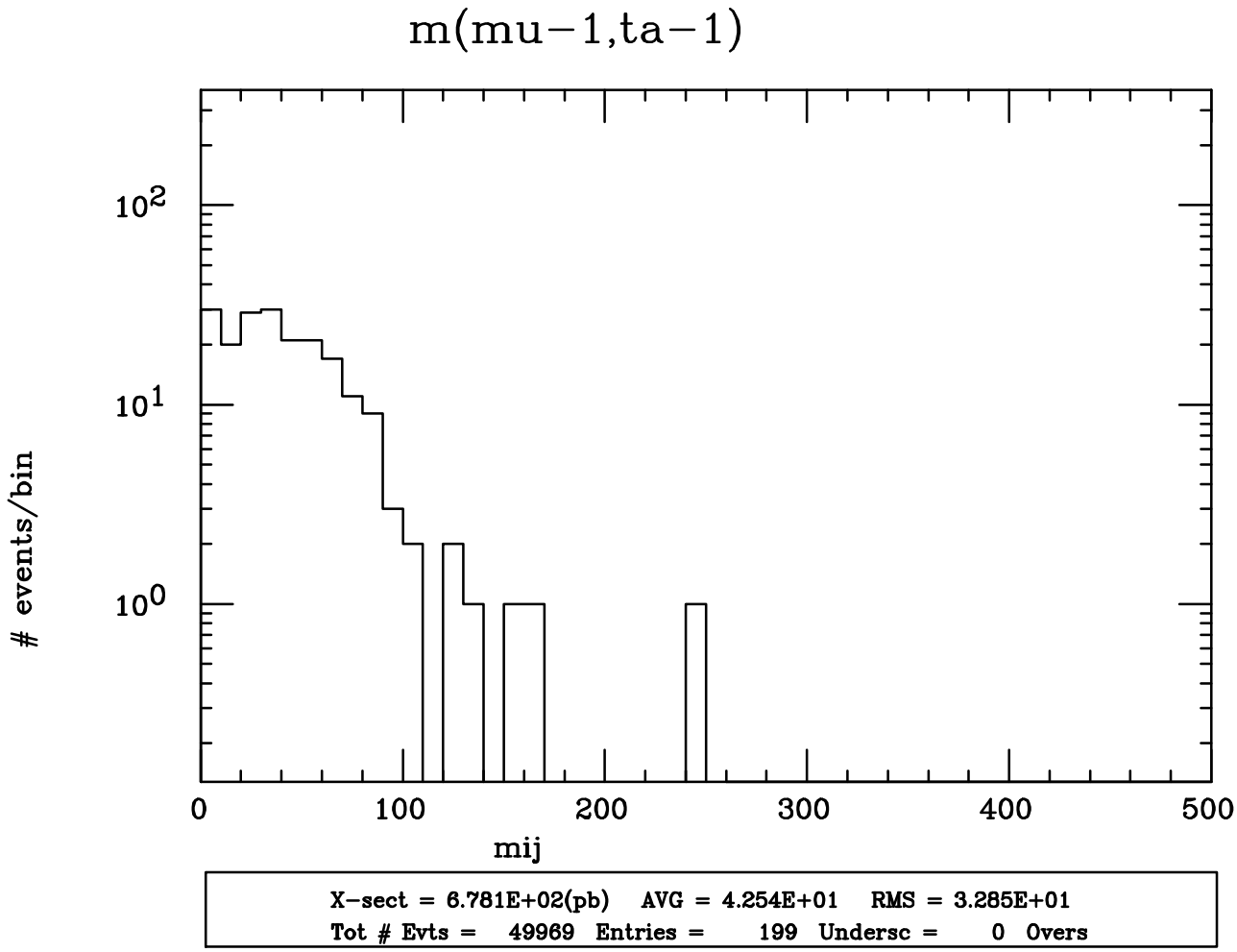

m(mu+1,mu−1)
# events/bin
mij
0
100
200
300
400
500
10^{4}
10^{3}
10^{2}
10^{1}
10^{0}
10^{-1}
X−sect = 6.781E+02(pb) AVG = 4.552E+01 RMS = 3.608E+01
Tot # Evts = 49969 Entries = 20826 Undersc = 0 Overs

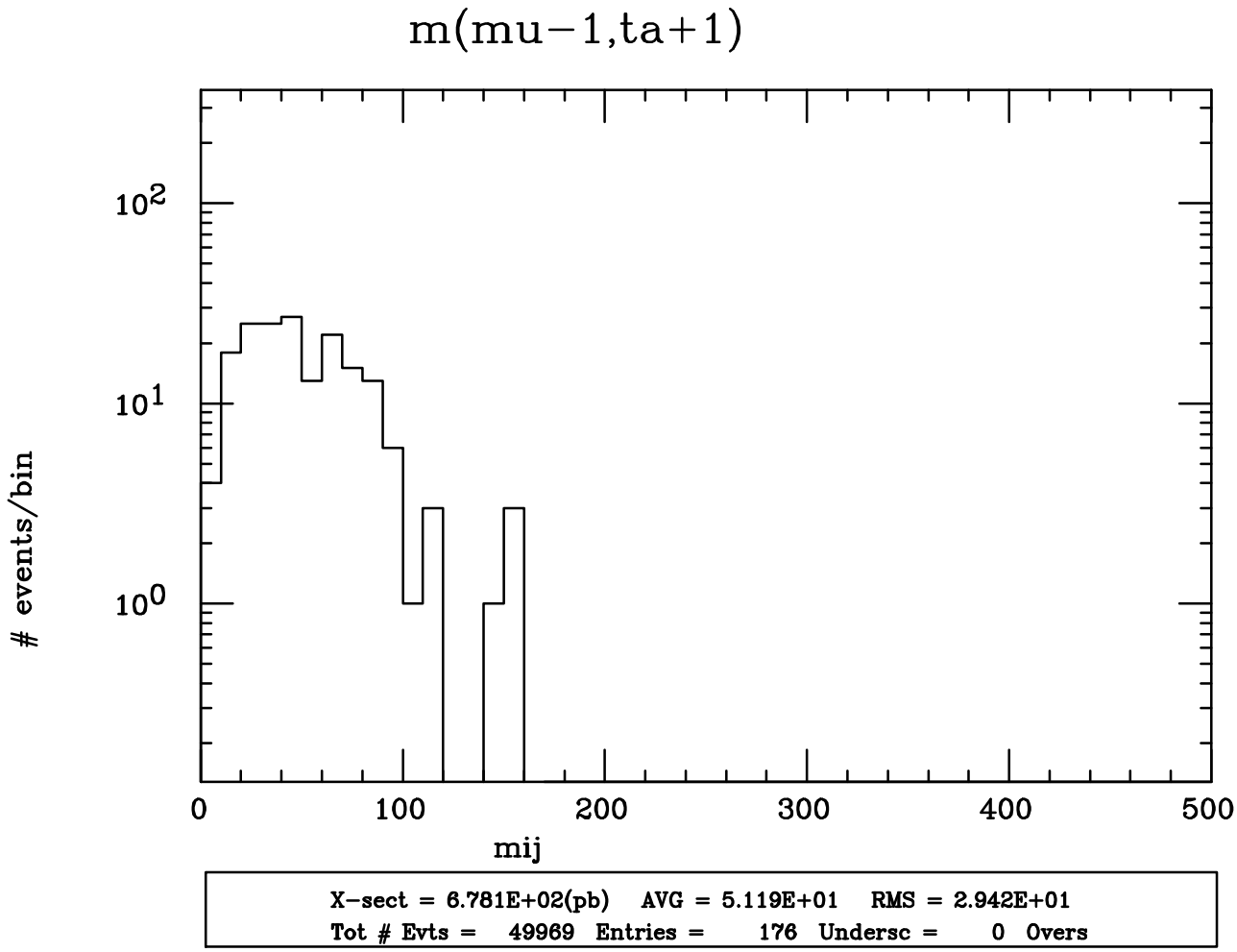

m(mu+1,a1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 2.966E+01 RMS = 2.149E+01
Tot # Evts = 49969 Entries = 249 Undersc = 0 Overs

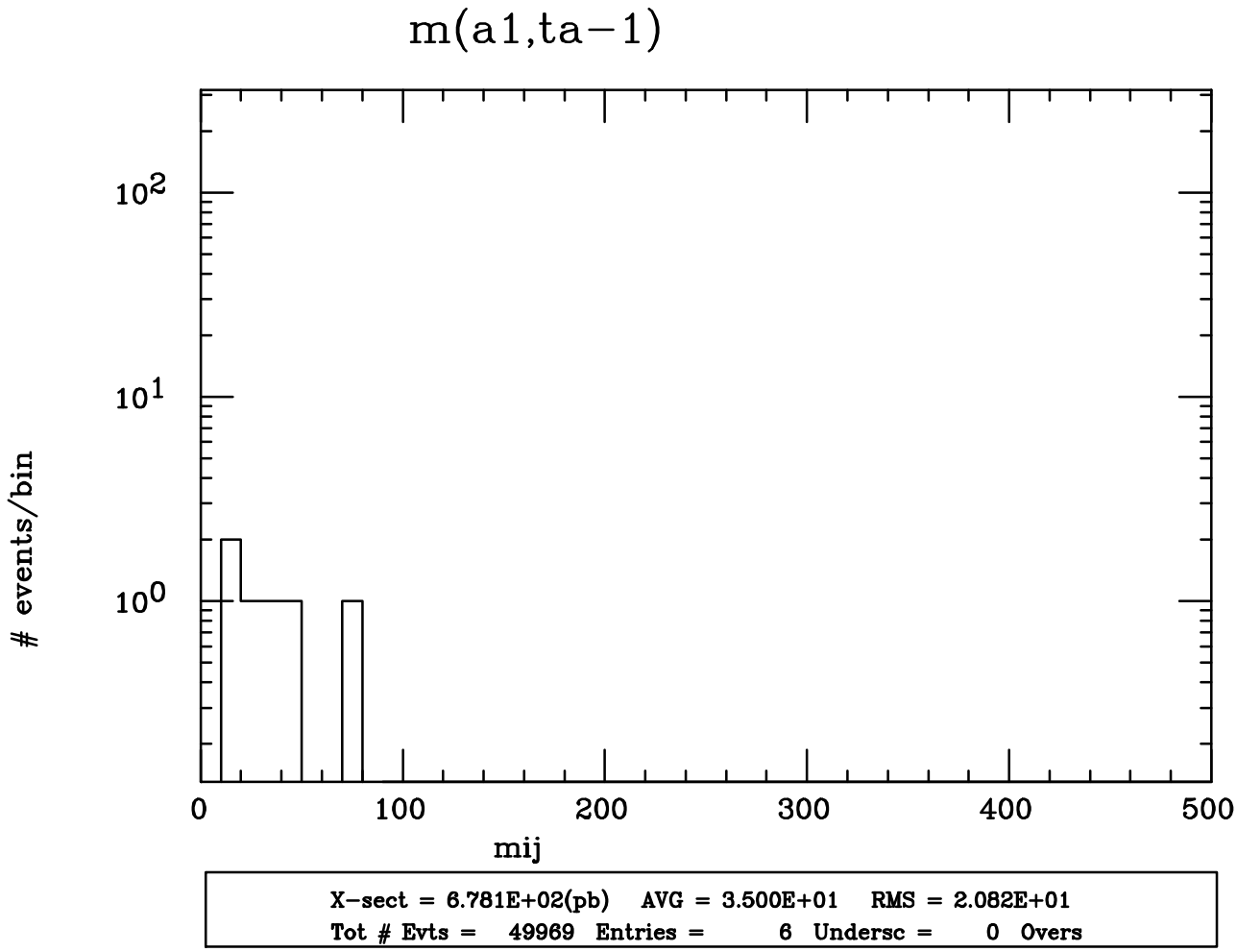

m(mu+1,ta−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 6.781E+02(pb) AVG = 4.990E+01 RMS = 3.277E+01
Tot # Evts = 49969 Entries = 196 Undersc = 0 Overs

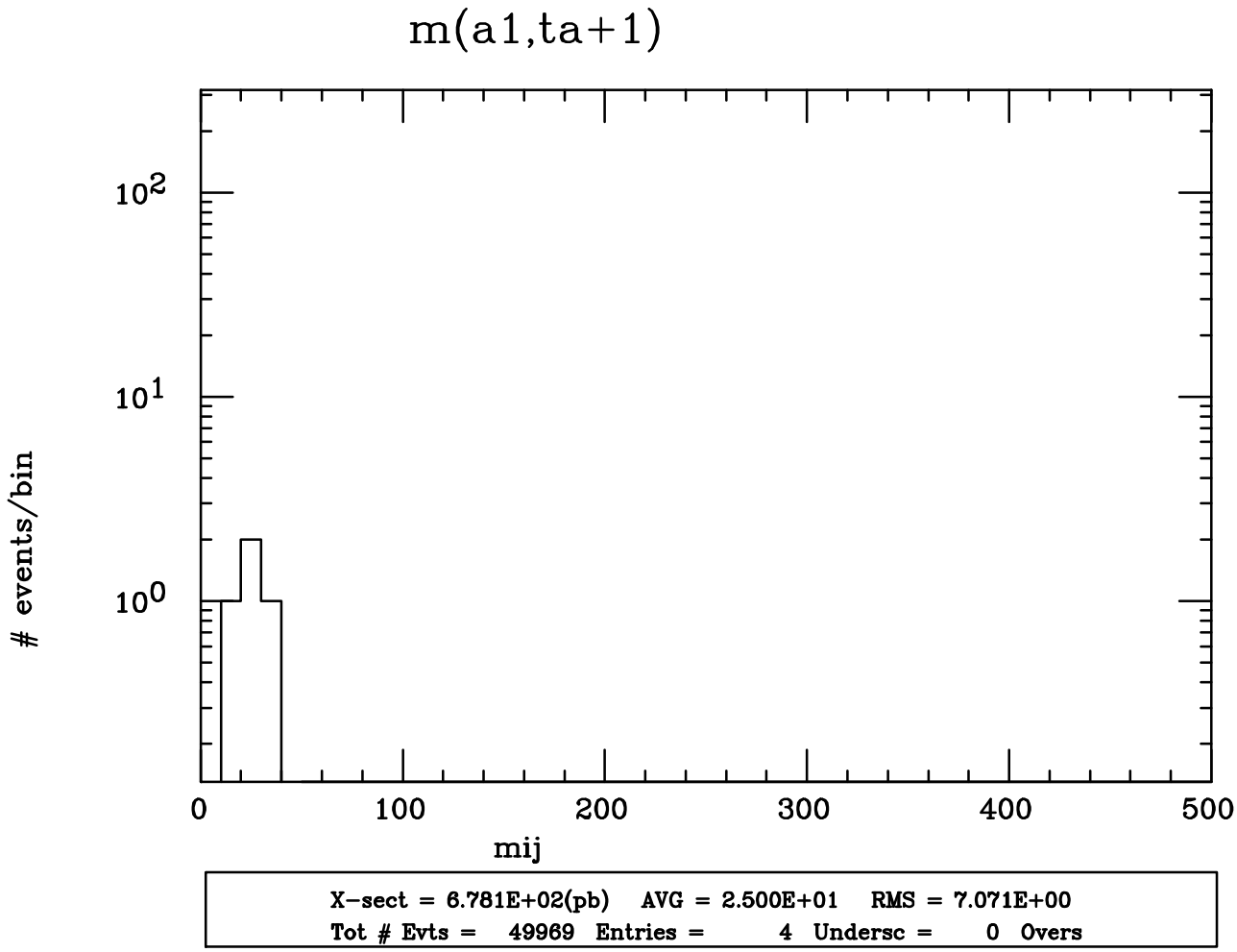

m(mu+1,ta+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 4.428E+01 RMS = 3.006E+01
Tot # Evts = 49969 Entries = 207 Undersc = 0 Overs

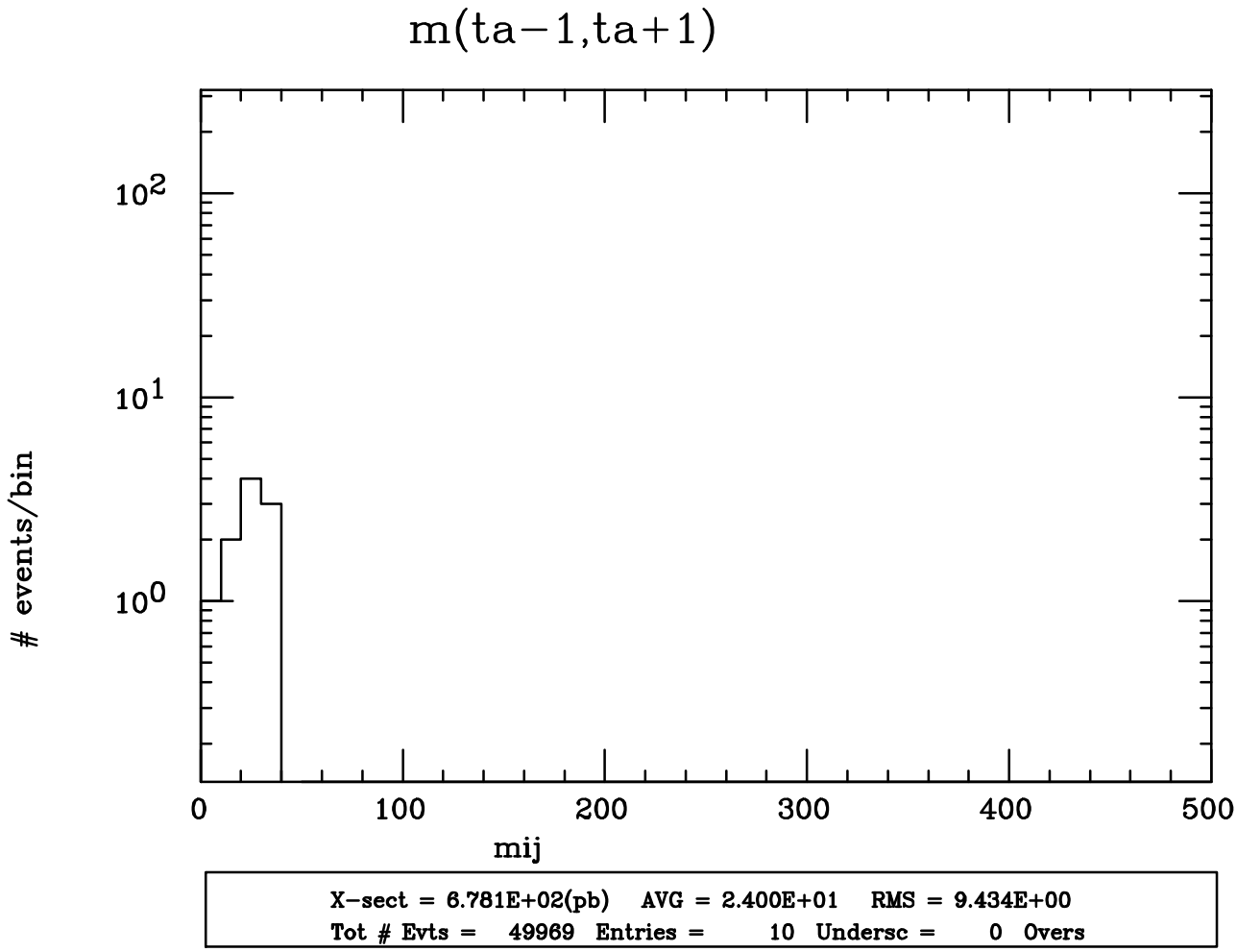

m(mu−1,a1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 6.781E+02(pb) AVG = 3.022E+01 RMS = 2.169E+01
Tot # Evts = 49969 Entries = 247 Undersc = 0 Overs

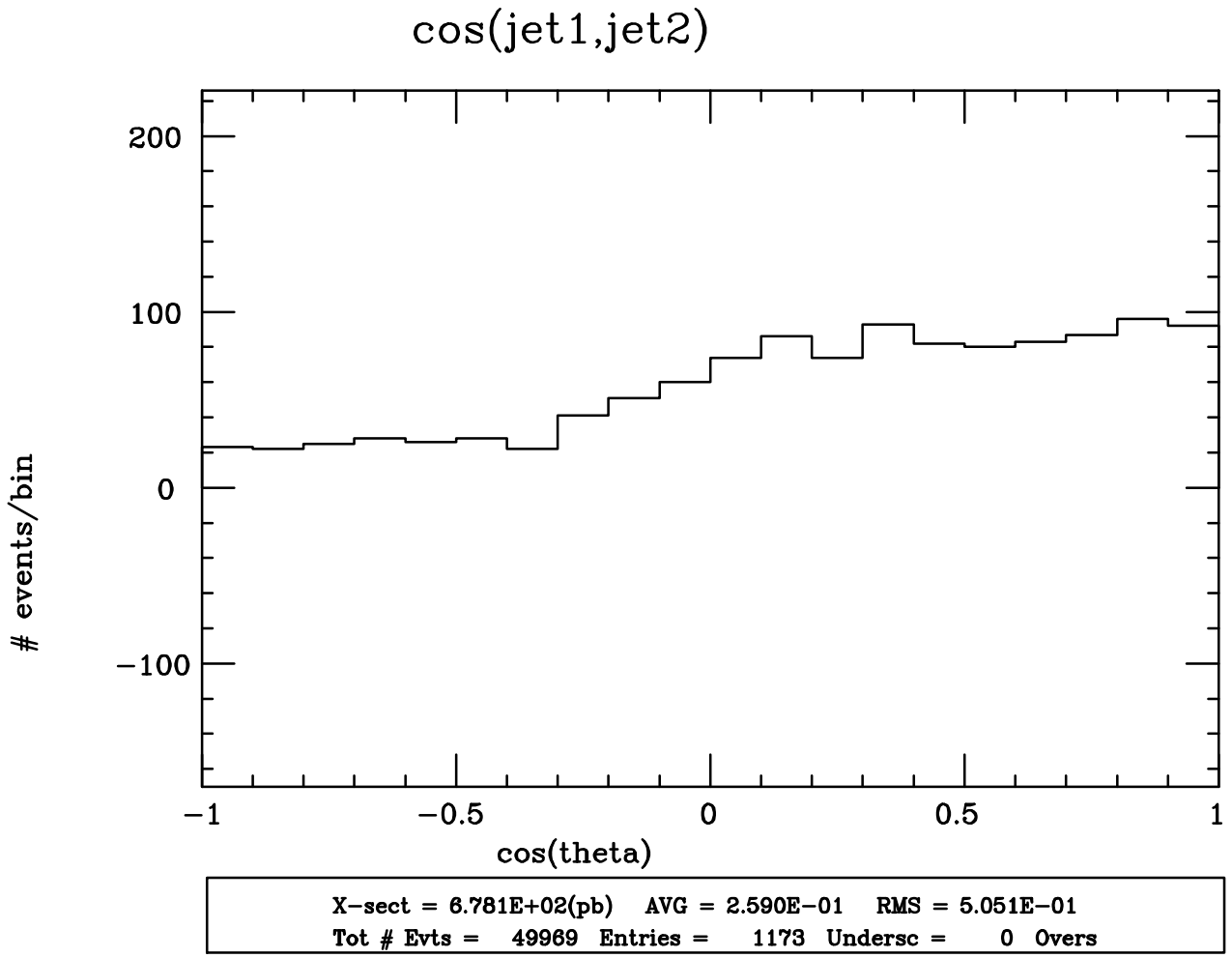

m(mu−1,ta−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 6.781E+02(pb) AVG = 4.254E+01 RMS = 3.285E+01
Tot # Evts = 49969 Entries = 199 Undersc = 0 Overs

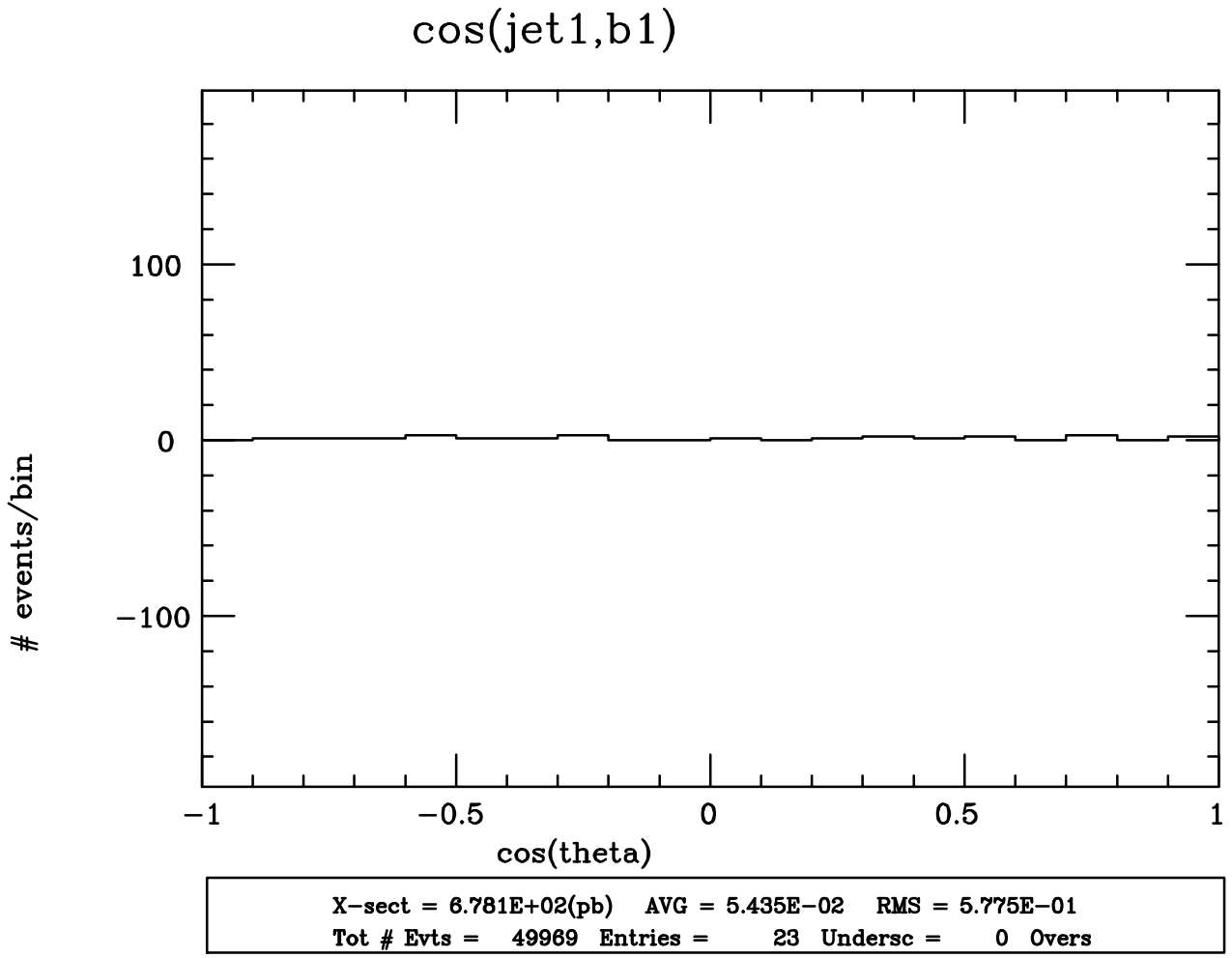

m(mu−1,ta+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 6.781E+02(pb) AVG = 5.119E+01 RMS = 2.942E+01
Tot # Evts = 49969 Entries = 176 Undersc = 0 Overs

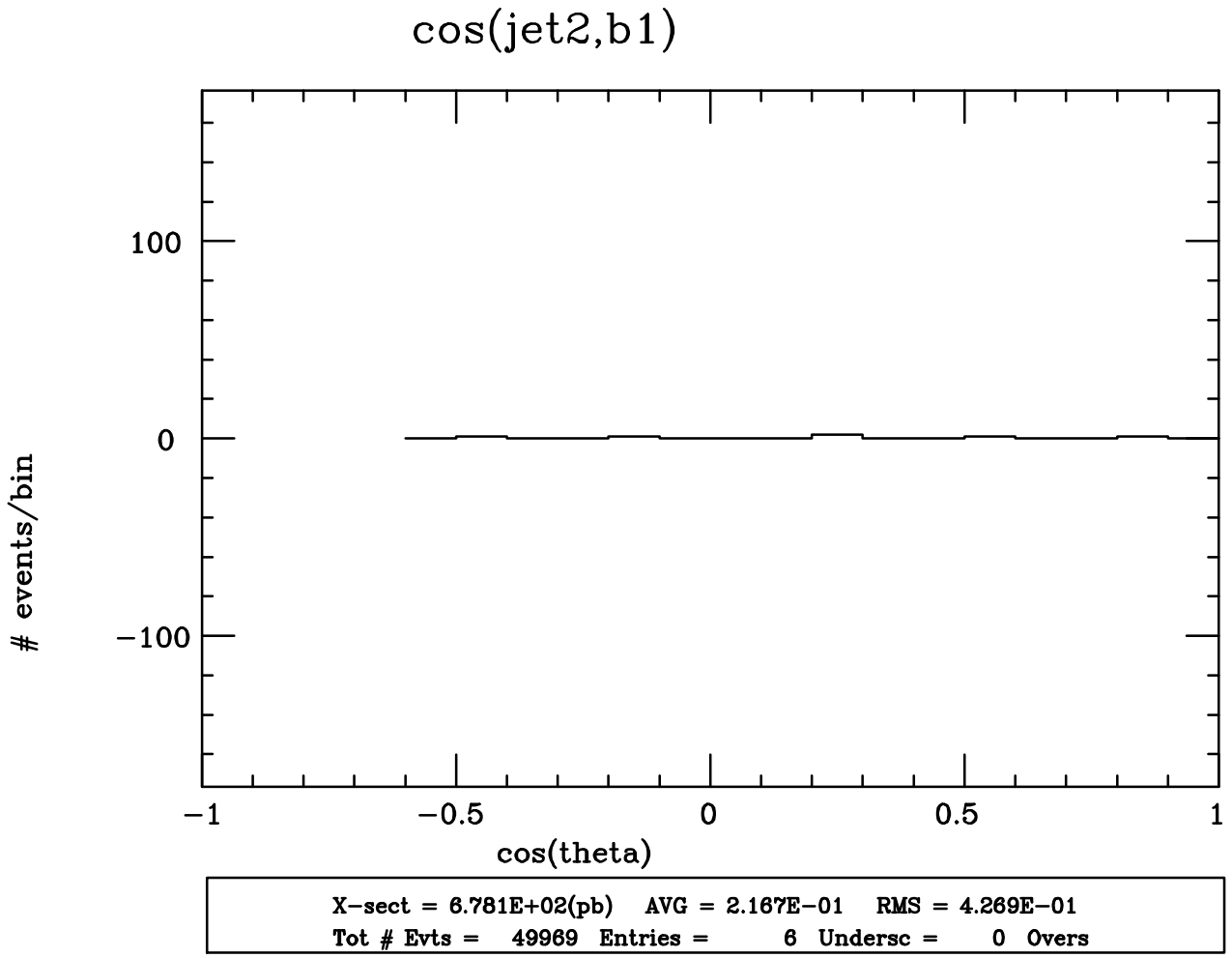

m(a1,ta−1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 6.781E+02(pb) AVG = 3.500E+01 RMS = 2.082E+01
Tot # Evts = 49969 Entries = 6 Undersc = 0 Overs

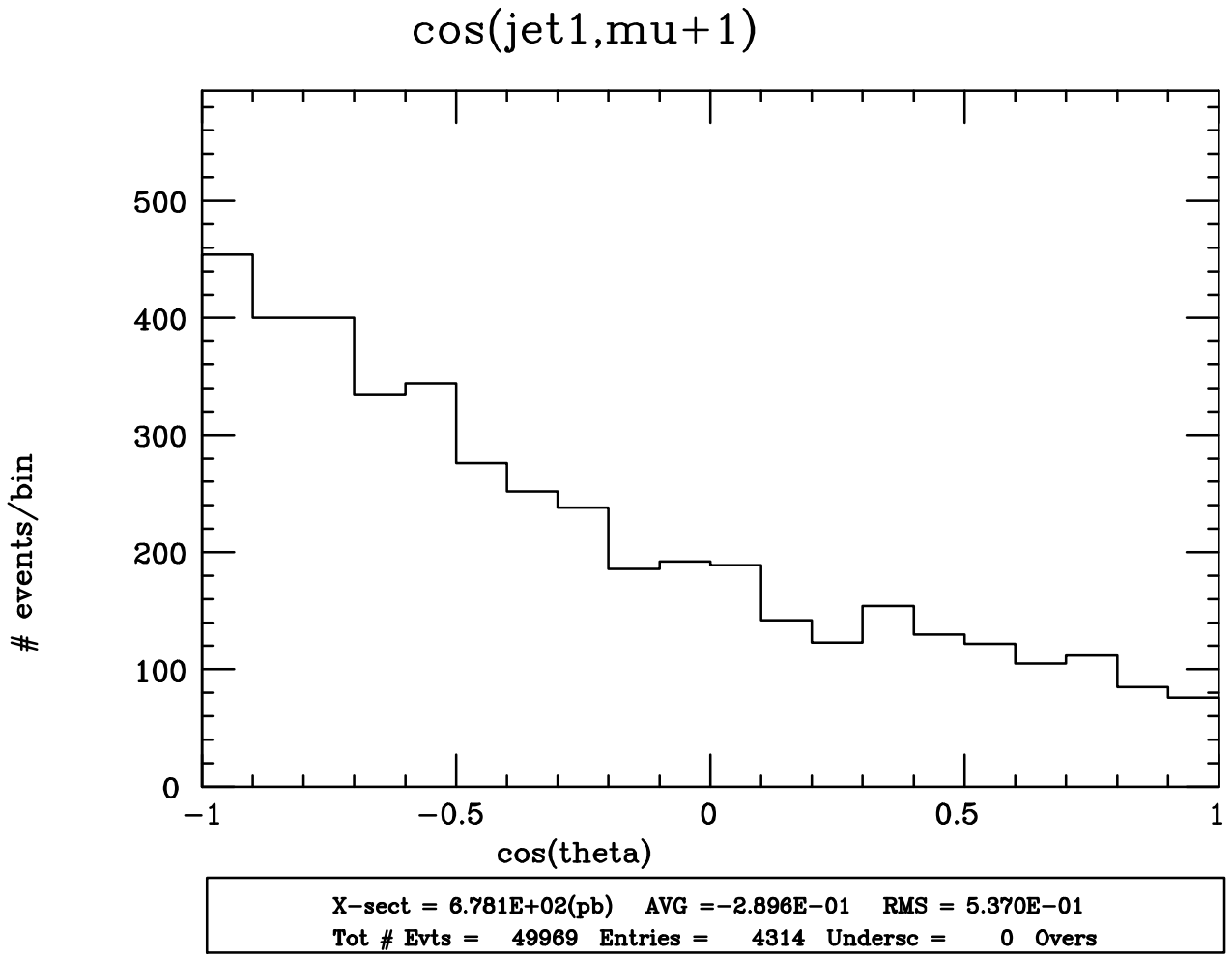

m(a1,ta+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X-sect = 6.781E+02(pb) AVG = 2.500E+01 RMS = 7.071E+00
Tot # Evts = 49969 Entries = 4 Undersc = 0 Overs

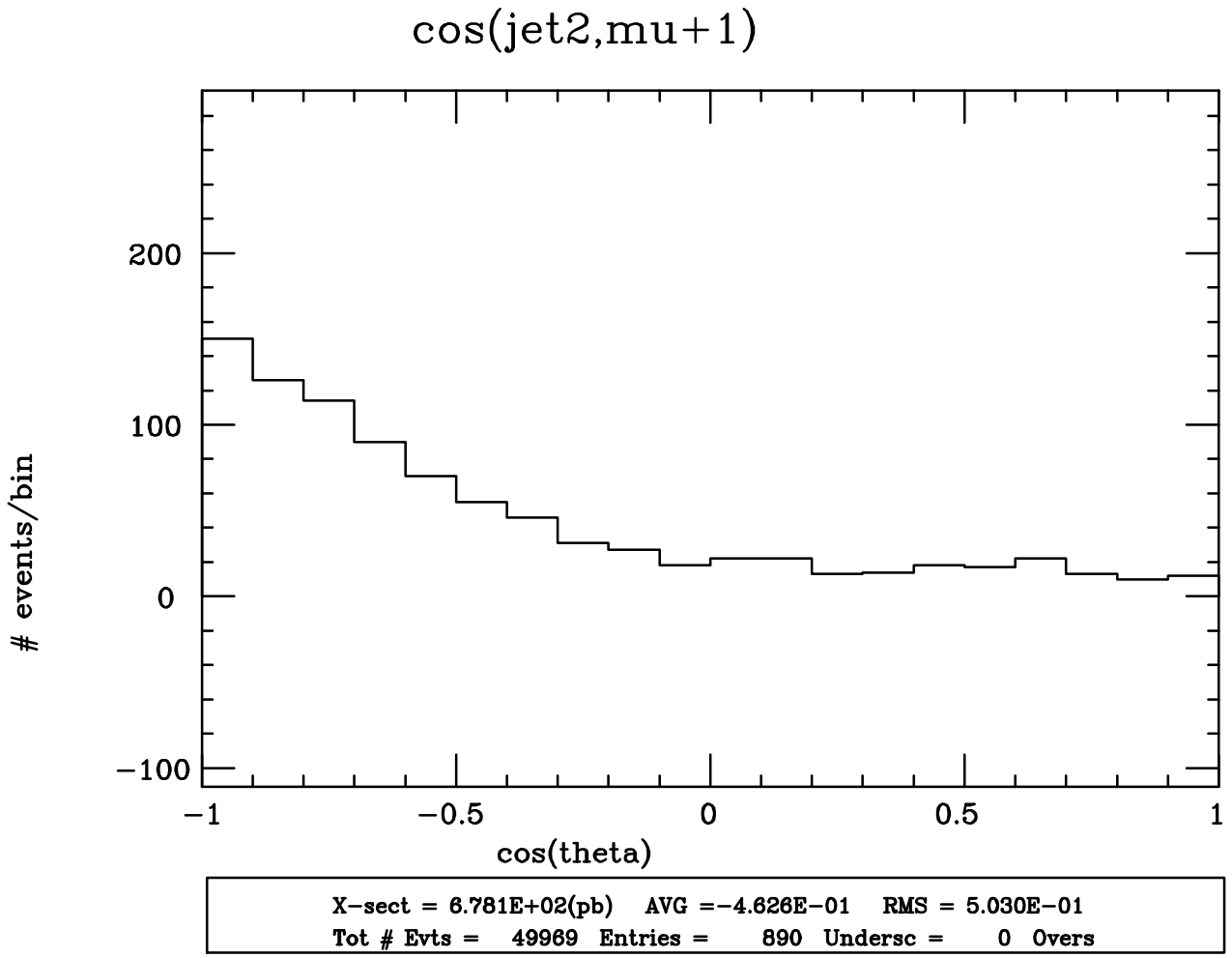

m(ta−1,ta+1)
# events/bin
10^2
10^1
10^0
0
100
200
300
400
500
mij
X−sect = 6.781E+02(pb) AVG = 2.400E+01 RMS = 9.434E+00
Tot # Evts = 49969 Entries = 10 Undersc = 0 Overs

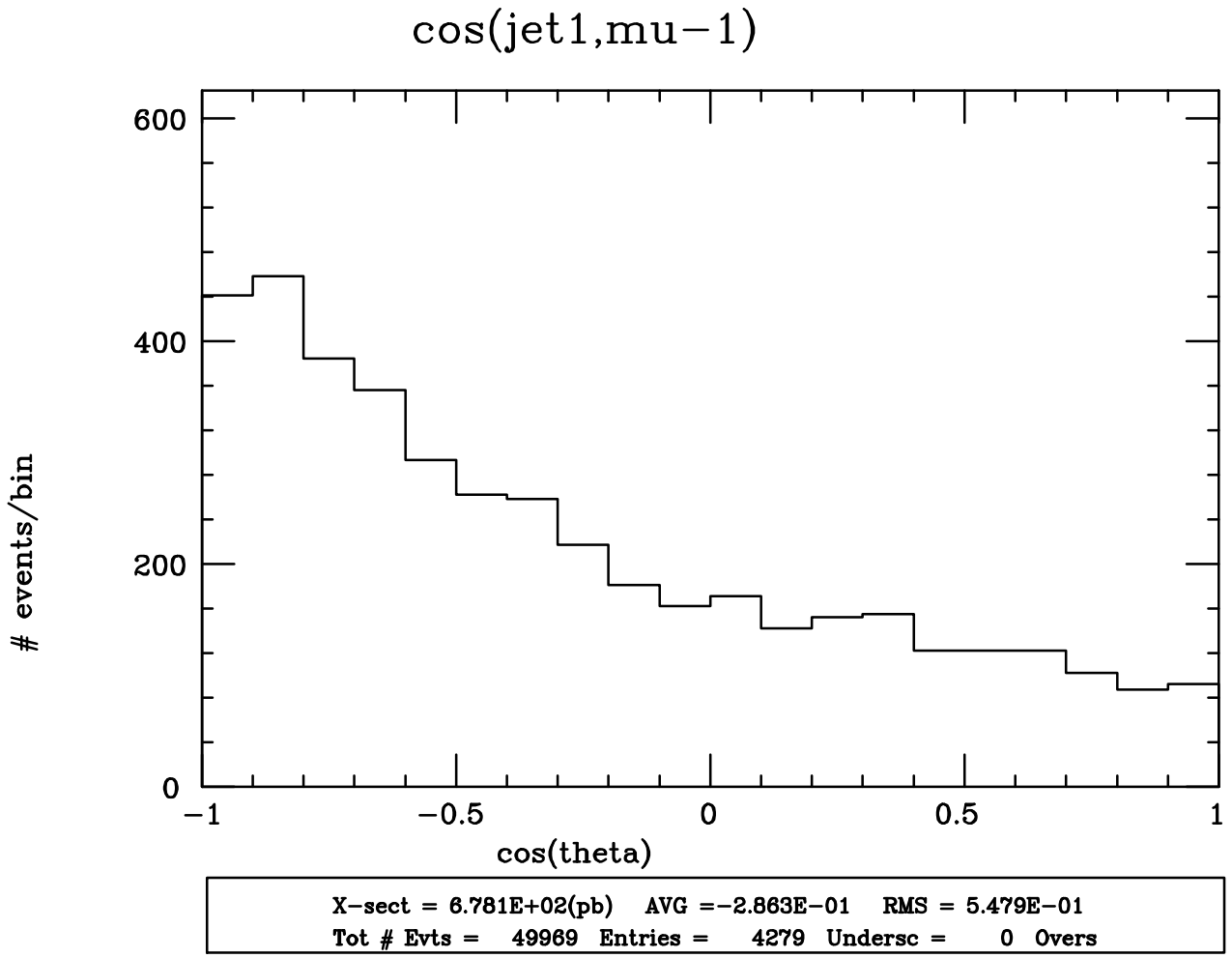

cos(jet1,jet2)
200
100
0
−100
events/bin
−1
−0.5
0
0.5
1
cos(theta)
X−sect = 6.781E+02(pb) AVG = 2.590E−01 RMS = 5.051E−01
Tot # Evts = 49969 Entries = 1173 Undersc = 0 Overs

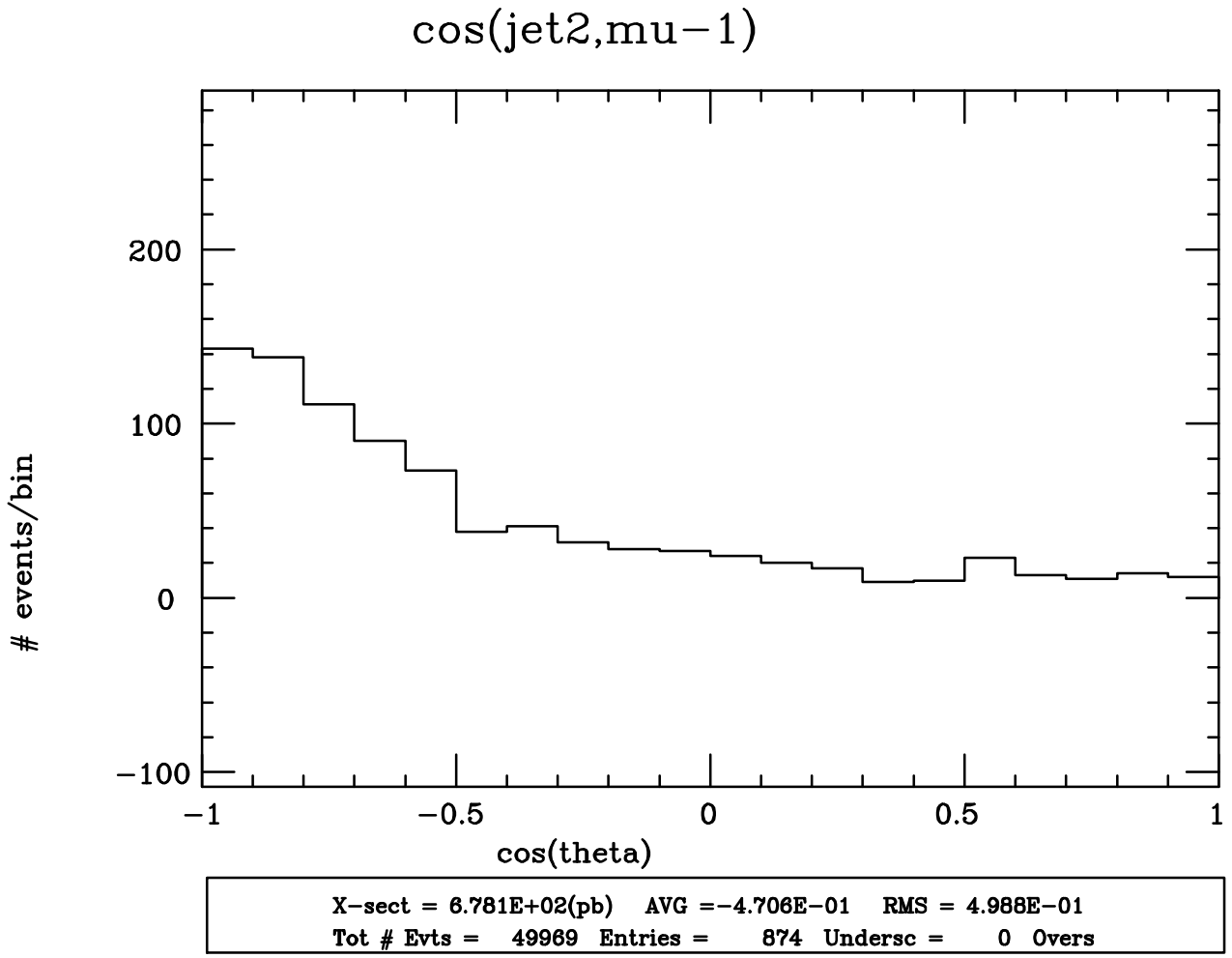

cos(jet1,b1)
100
0
−100
events/bin
−1
−0.5
0
0.5
1
cos(theta)
X−sect = 6.781E+02(pb) AVG = 5.435E−02 RMS = 5.775E−01
Tot # Evts = 49969 Entries = 23 Undersc = 0 Overs

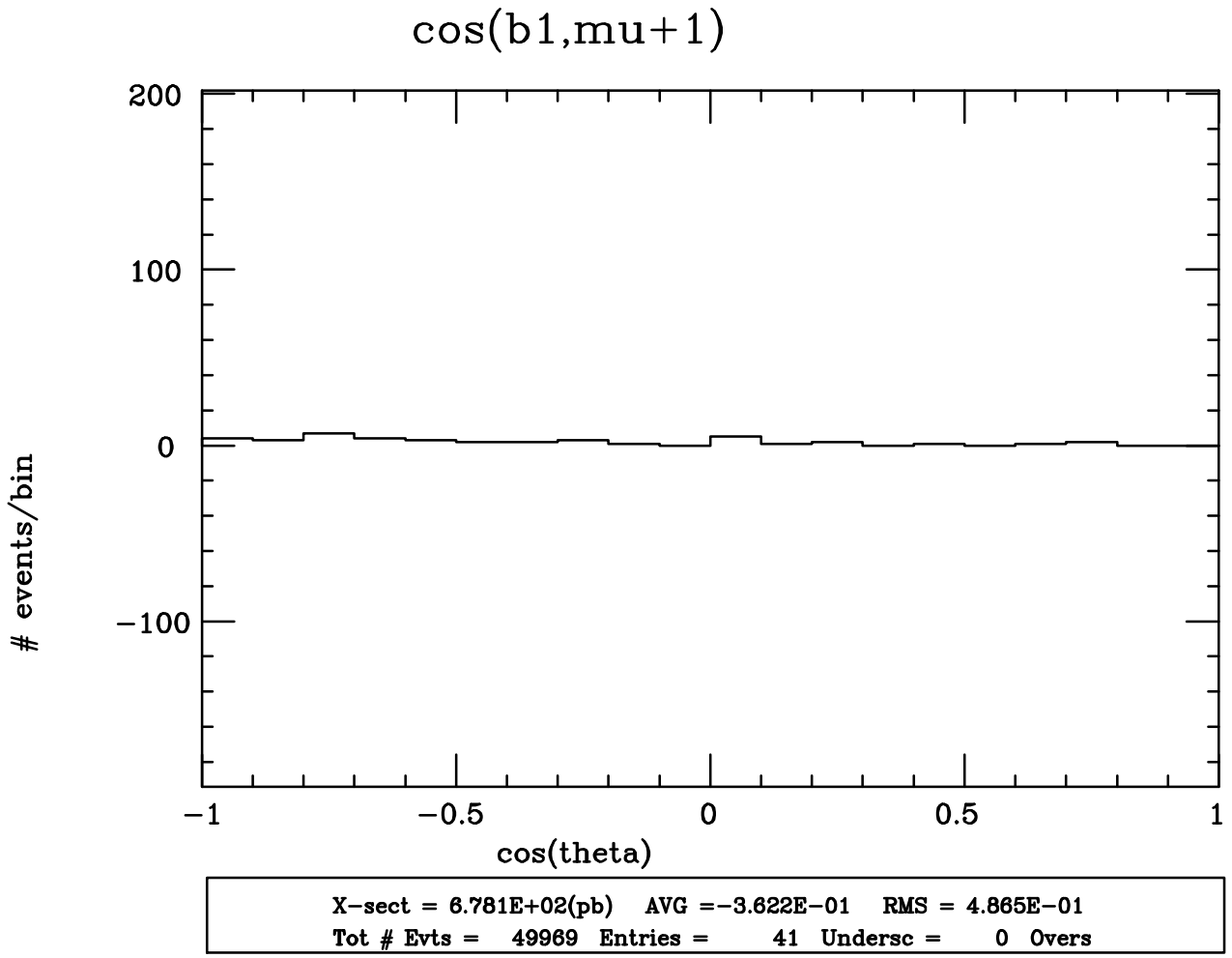

cos(jet2,b1)
100
0
−100
events/bin
−1
−0.5
0
0.5
1
cos(theta)
X−sect = 6.781E+02(pb) AVG = 2.167E−01 RMS = 4.269E−01
Tot # Evts = 49969 Entries = 6 Undersc = 0 Overs

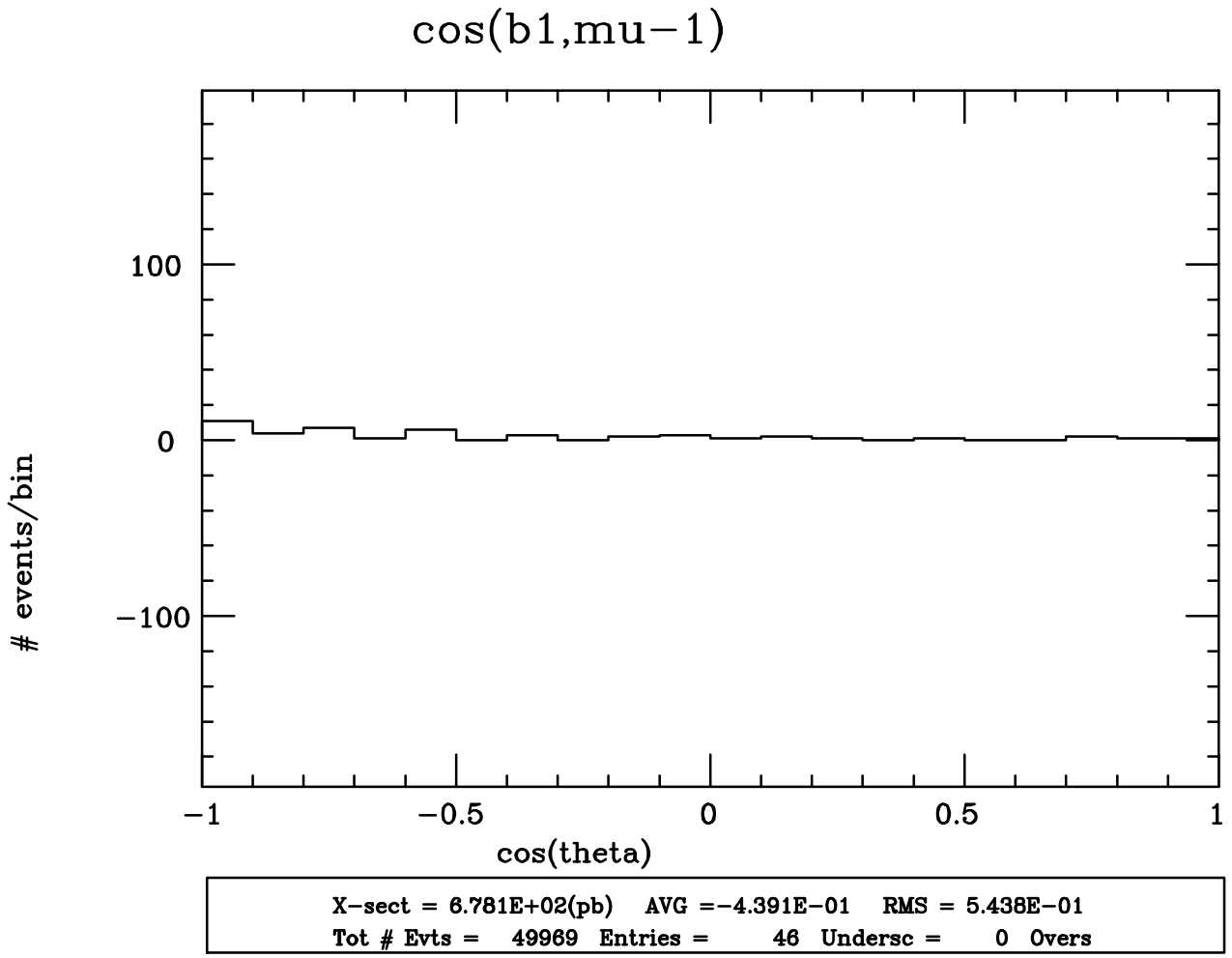

cos(jet1,mu+1)
# events/bin
500
400
300
200
100
0
−1
−0.5
0
0.5
1
cos(theta)
X−sect = 6.781E+02(pb) AVG =−2.896E−01 RMS = 5.370E−01
Tot # Evts = 49969 Entries = 4314 Undersc = 0 Overs

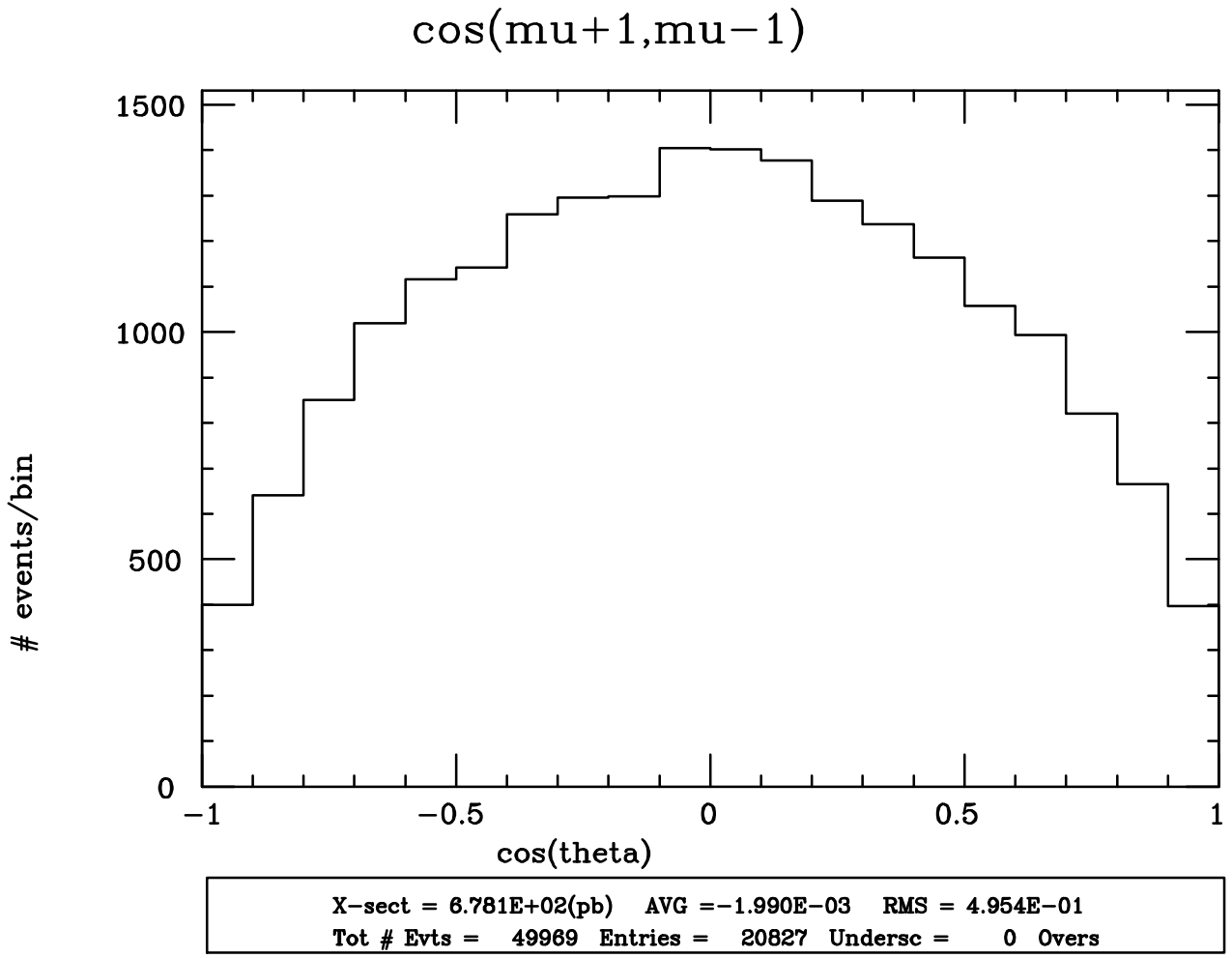

cos(jet2,mu+1)
# events/bin
200
100
0
−100
−1
−0.5
0
0.5
1
cos(theta)
X−sect = 6.781E+02(pb) AVG =−4.626E−01 RMS = 5.030E−01
Tot # Evts = 49969 Entries = 890 Undersc = 0 Overs


cos(jet1,mu−1)
600
400
200
0
events/bin
−1
−0.5
0
0.5
1
cos(theta)
X−sect = 6.781E+02(pb) AVG =−2.863E−01 RMS = 5.479E−01
Tot # Evts = 49969 Entries = 4279 Undersc = 0 Overs


cos(jet2,mu−1)
# events/bin
200
100
0
−100
−1
−0.5
0
0.5
1
cos(theta)
X−sect = 6.781E+02(pb) AVG =−4.706E−01 RMS = 4.988E−01
Tot # Evts = 49969 Entries = 874 Undersc = 0 Overs


cos(b1,mu+1)
200
100
0
−100
events/bin
−1
−0.5
0
0.5
1
cos(theta)
X−sect = 6.781E+02(pb) AVG =−3.622E−01 RMS = 4.865E−01
Tot # Evts = 49969 Entries = 41 Undersc = 0 Overs


cos(b1,mu−1)
100
0
−100
events/bin
−1
−0.5
0
0.5
1
cos(theta)
X−sect = 6.781E+02(pb) AVG =−4.391E−01 RMS = 5.438E−01
Tot # Evts = 49969 Entries = 46 Undersc = 0 Overs


cos(mu+1,mu−1)
1500
1000
500
0
events/bin
−1
−0.5
0
0.5
1
cos(theta)
X−sect = 6.781E+02(pb) AVG =−1.990E−03 RMS = 4.954E−01
Tot # Evts = 49969 Entries = 20827 Undersc = 0 Overs