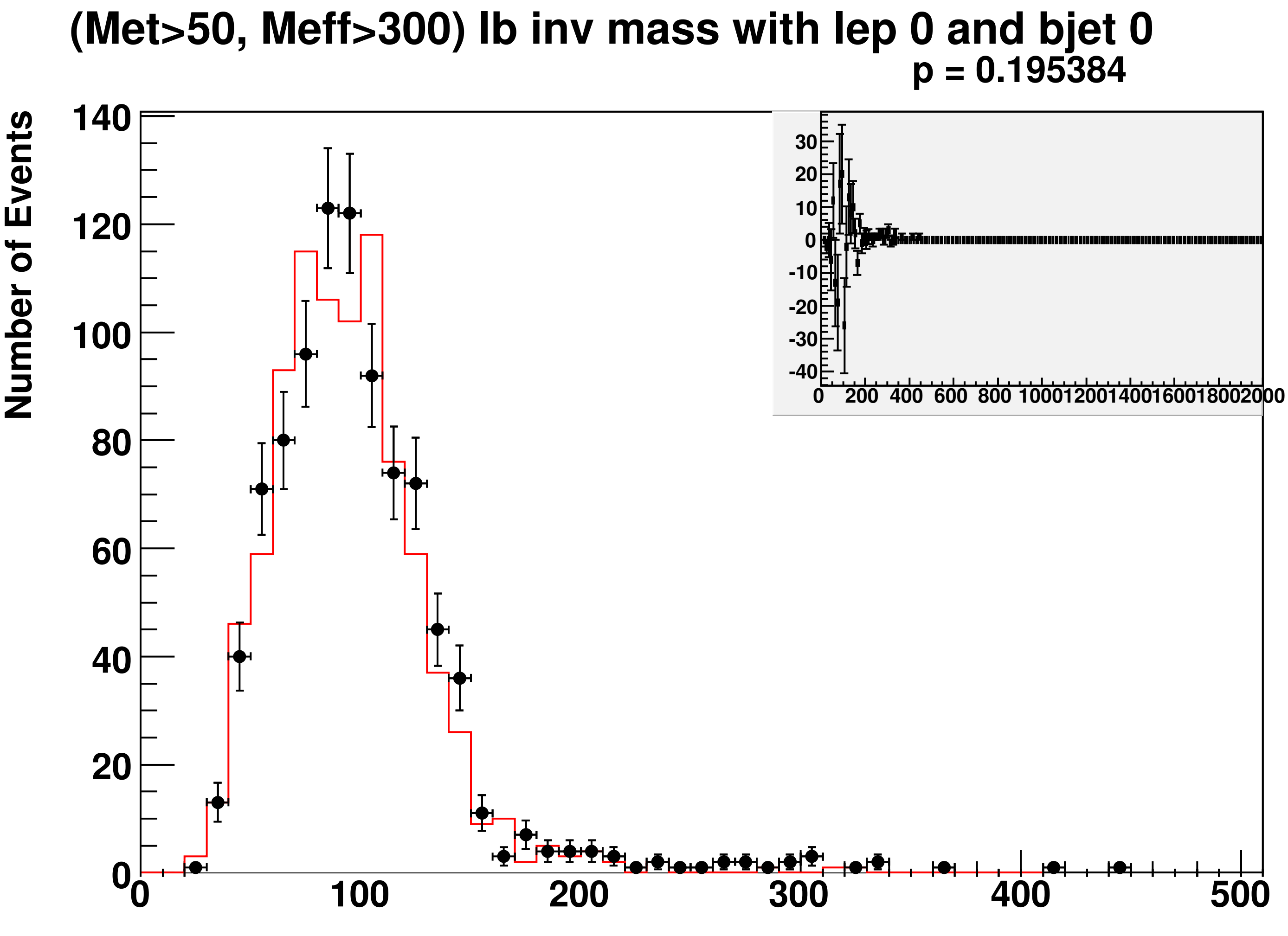

(Met>50, Meff>300) lb inv mass with lep 0 and bjet 0
p = 0.195384
Number of Events
0
20
40
60
80
100
120
140
0
100
200
300
400
500
30
20
10
0
-10
-20
-30
-40
0
200
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600
800
1000
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1400
1600
1800
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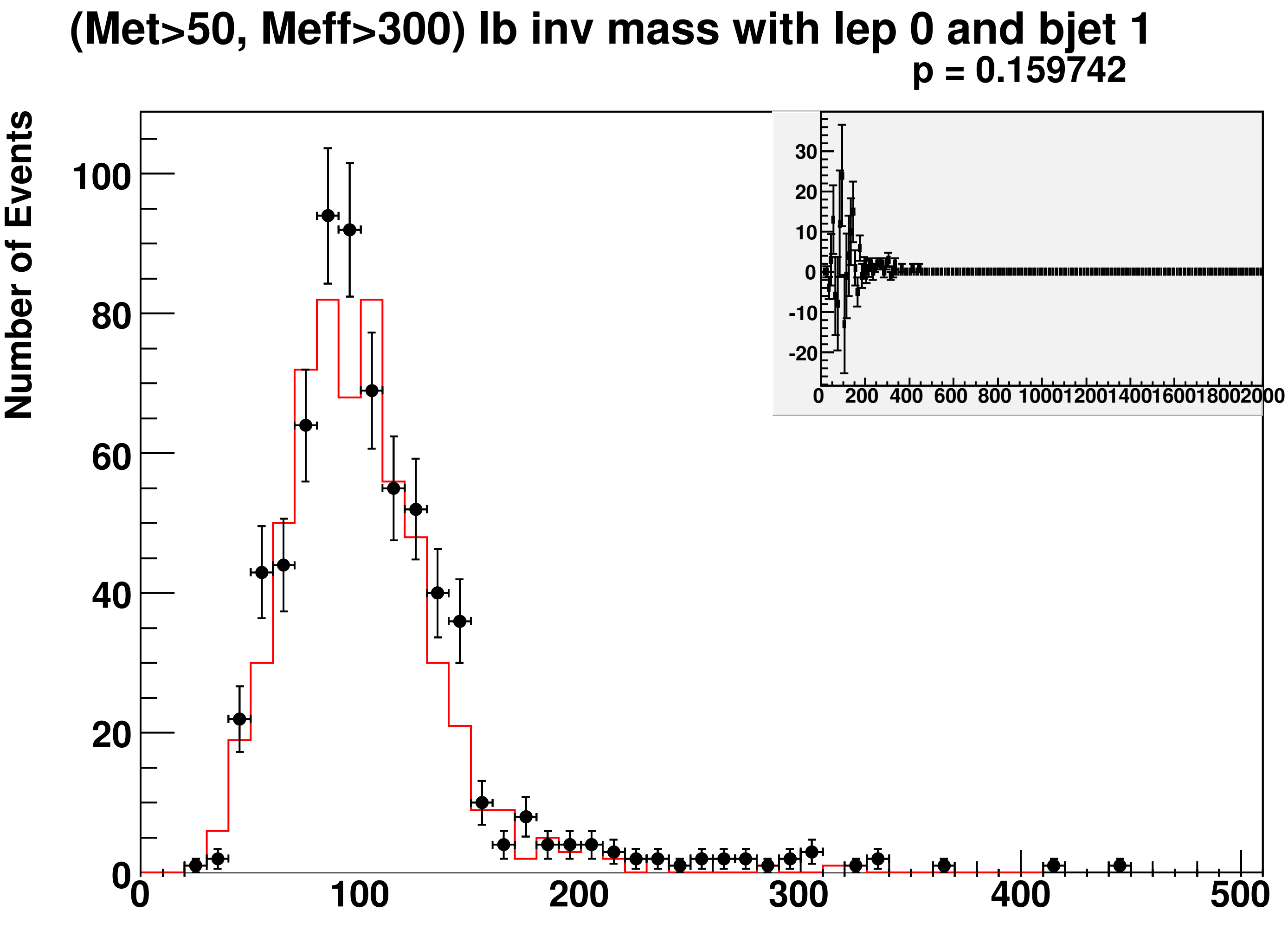
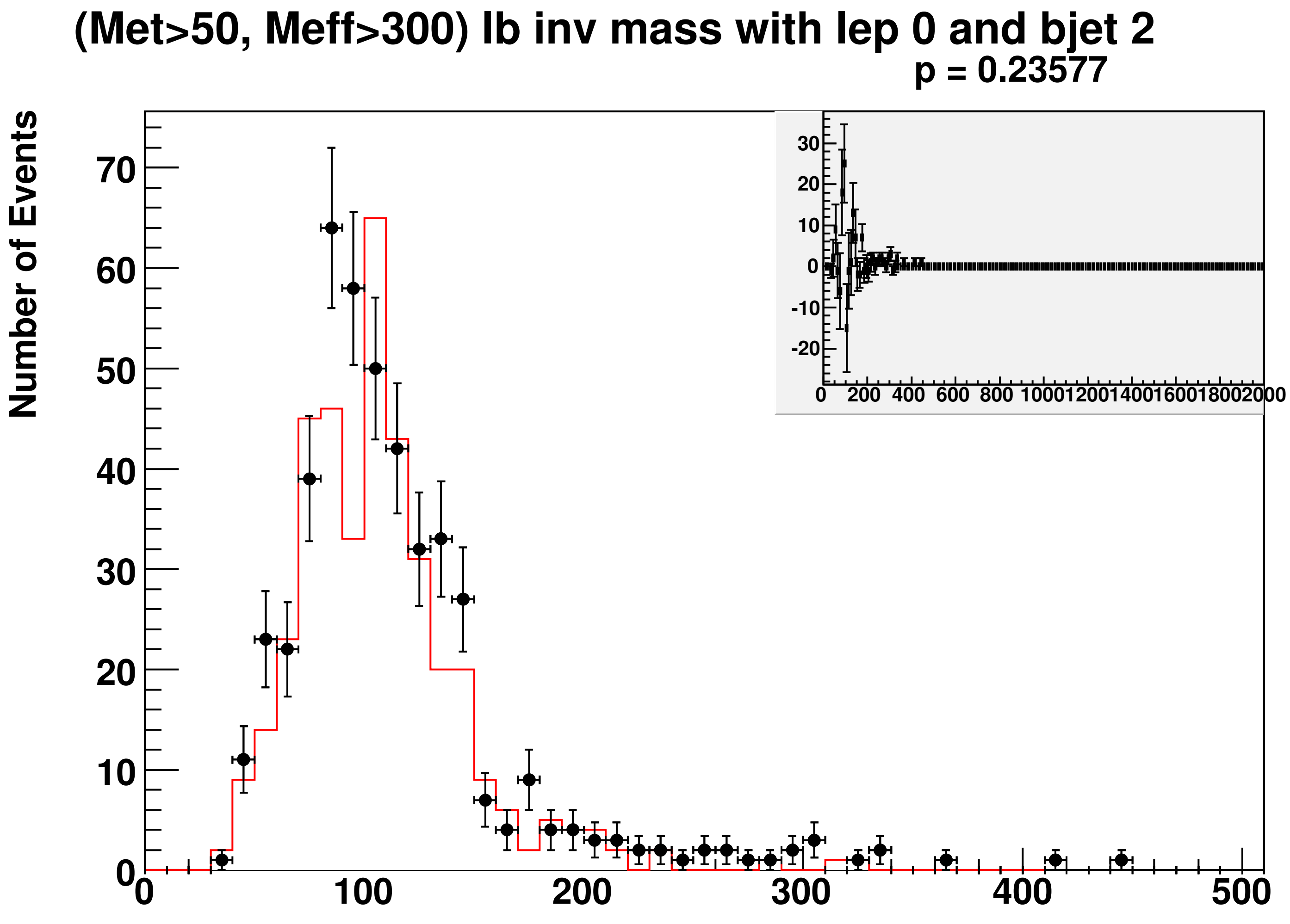
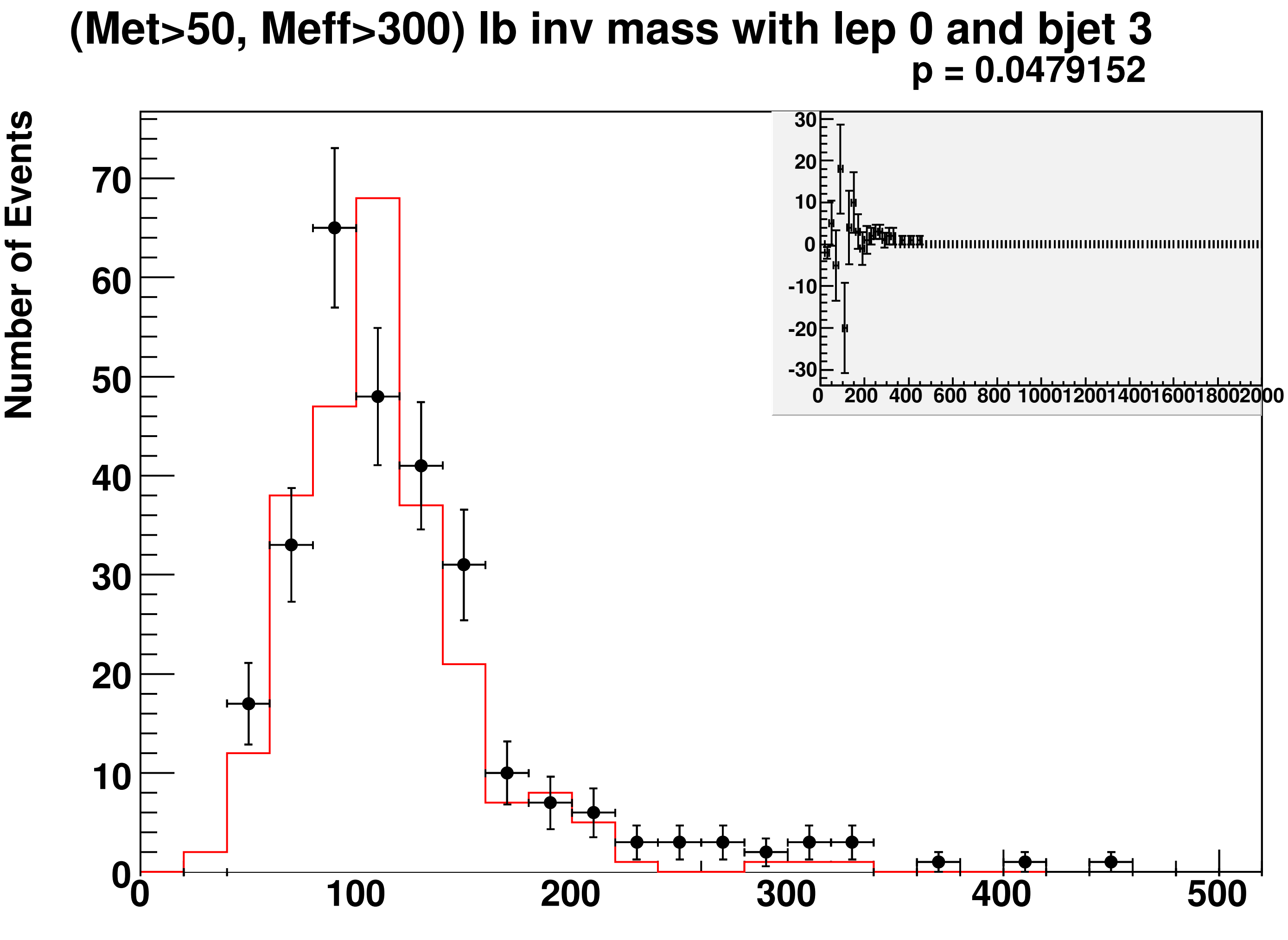
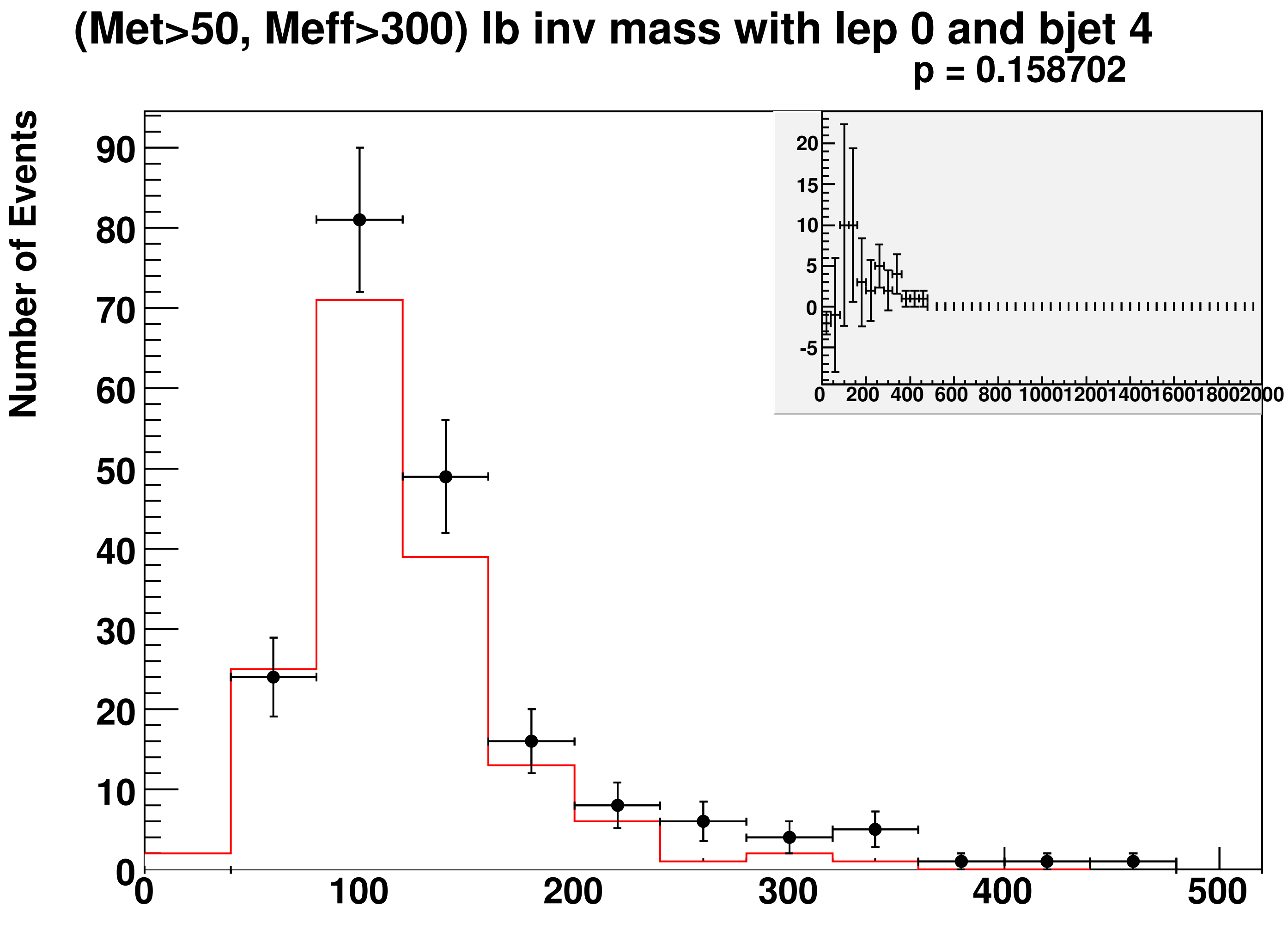

(Met>50, Meff>300) lb inv mass with lep 0 and bjet 1
p = 0.159742
Number of Events
0
20
40
60
80
100
0
100
200
300
400
500
30
20
10
0
-10
-20
0
200
400
600
800
1000
1200
1400
1600
1800
2000

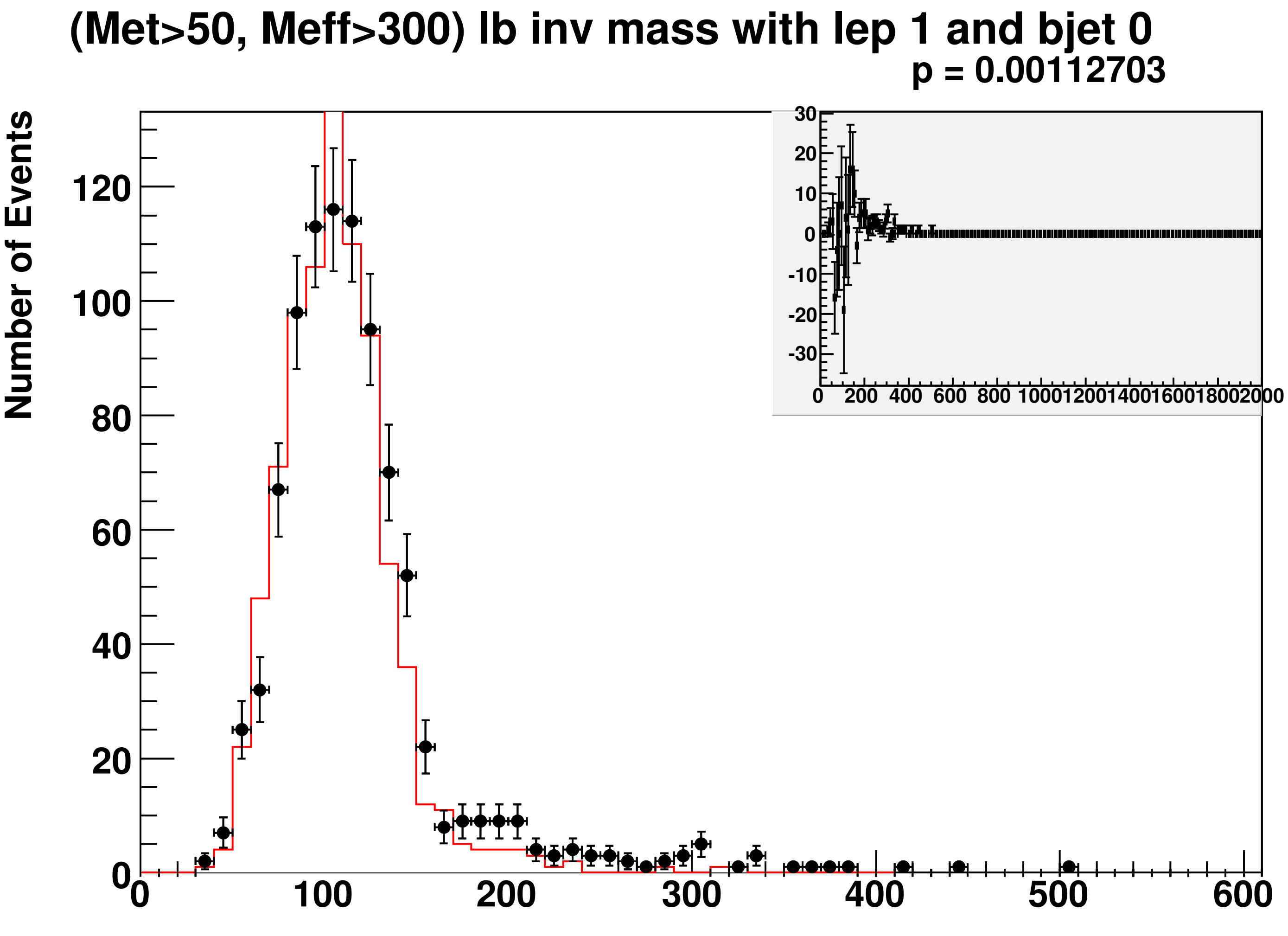


(Met>50, Meff>300) lb inv mass with lep 0 and bjet 2
p = 0.23577
Number of Events
0
10
20
30
40
50
60
70
0
100
200
300
400
500
30
20
10
0
-10
-20
0
200
400
600
800
1000
1200
1400
1600
1800
2000



(Met>50, Meff>300) lb inv mass with lep 0 and bjet 3
p = 0.0479152
Number of Events
0
10
20
30
40
50
60
70
0
100
200
300
400
500
30
20
10
0
-10
-20
-30
0
200
400
600
800
1000
1200
1400
1600
1800
2000


(Met>50, Meff>300) lb inv mass with lep 0 and bjet 4
p = 0.158702
Number of Events
0
10
20
30
40
50
60
70
80
90
0
100
200
300
400
500
-5
0
5
10
15
20
0
200
400
600
800
1000
1200
1400
1600
1800
2000



(Met>50, Meff>300) lb inv mass with lep 1 and bjet 0
p = 0.00112703
Number of Events
0
20
40
60
80
100
120
0
100
200
300
400
500
600
30
20
10
0
-10
-20
-30
0
200
400
600
800
1000
1200
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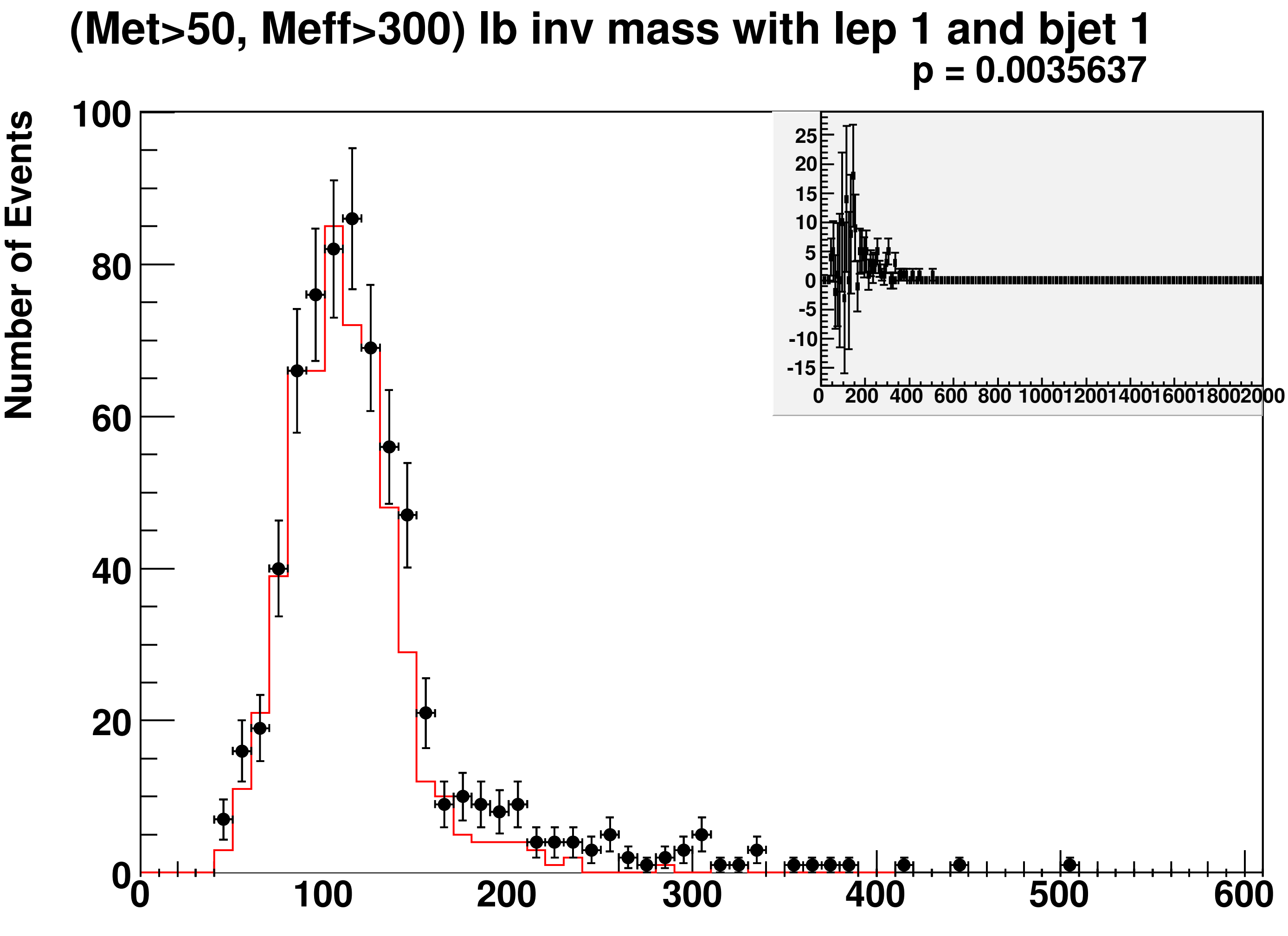

(Met>50, Meff>300) lb inv mass with lep 1 and bjet 1
p = 0.0035637
Number of Events
0
20
40
60
80
100
0
100
200
300
400
500
600
25
20
15
10
5
0
-5
-10
-15
0
200
400
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800
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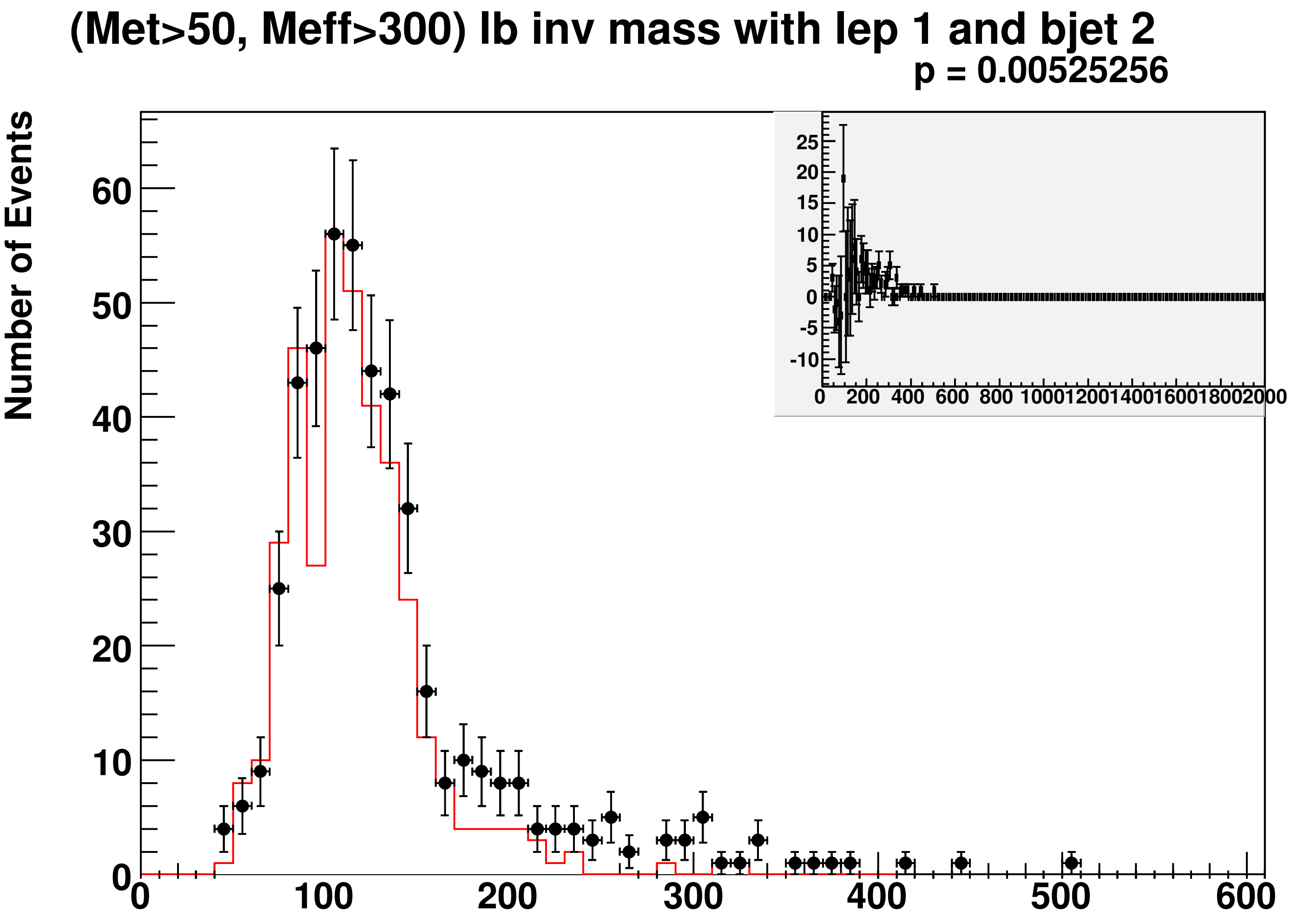

(Met>50, Meff>300) lb inv mass with lep 1 and bjet 2
p = 0.00525256
Number of Events
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10
20
30
40
50
60
0
100
200
300
400
500
600
25
20
15
10
5
0
-5
-10
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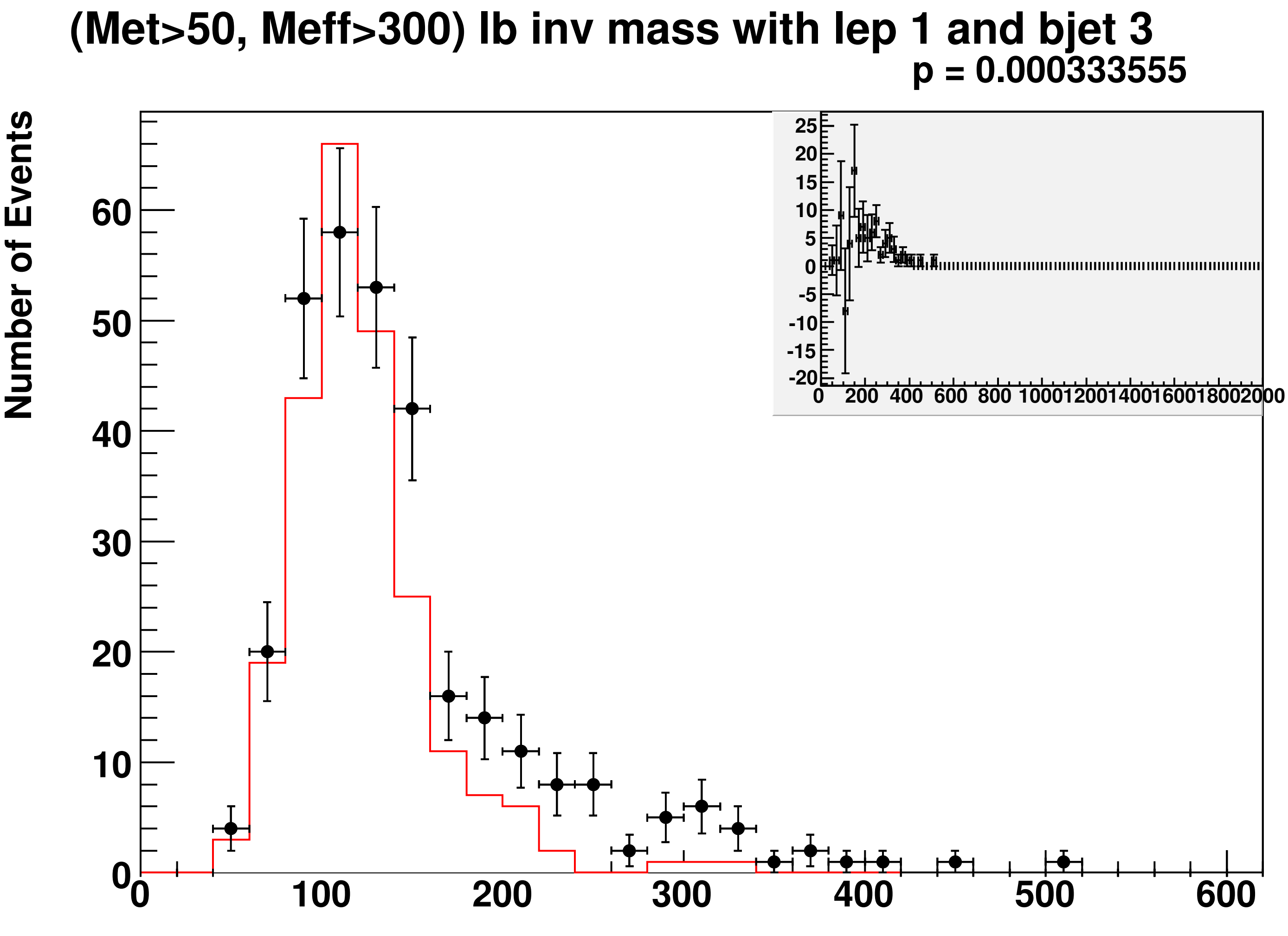
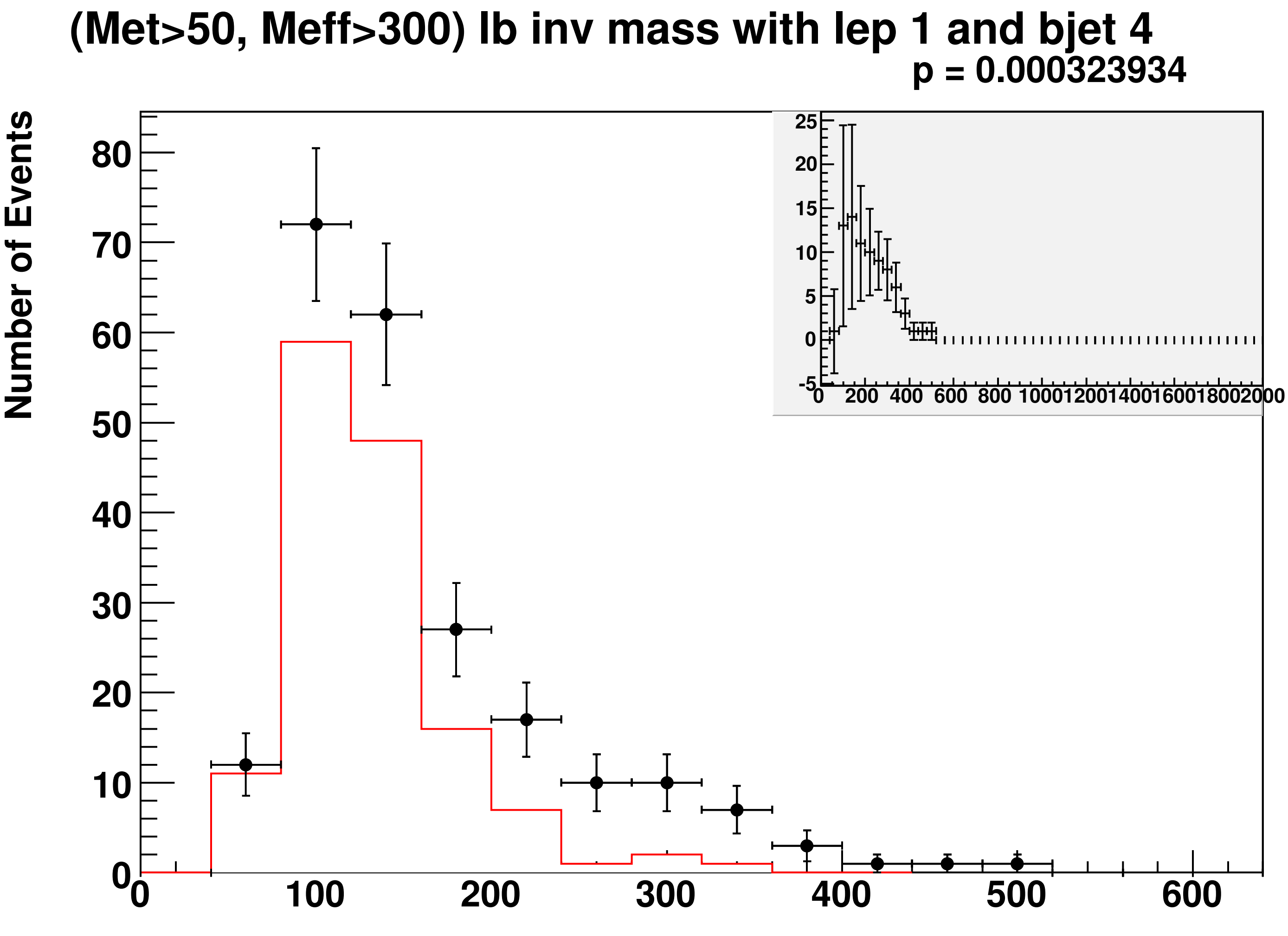
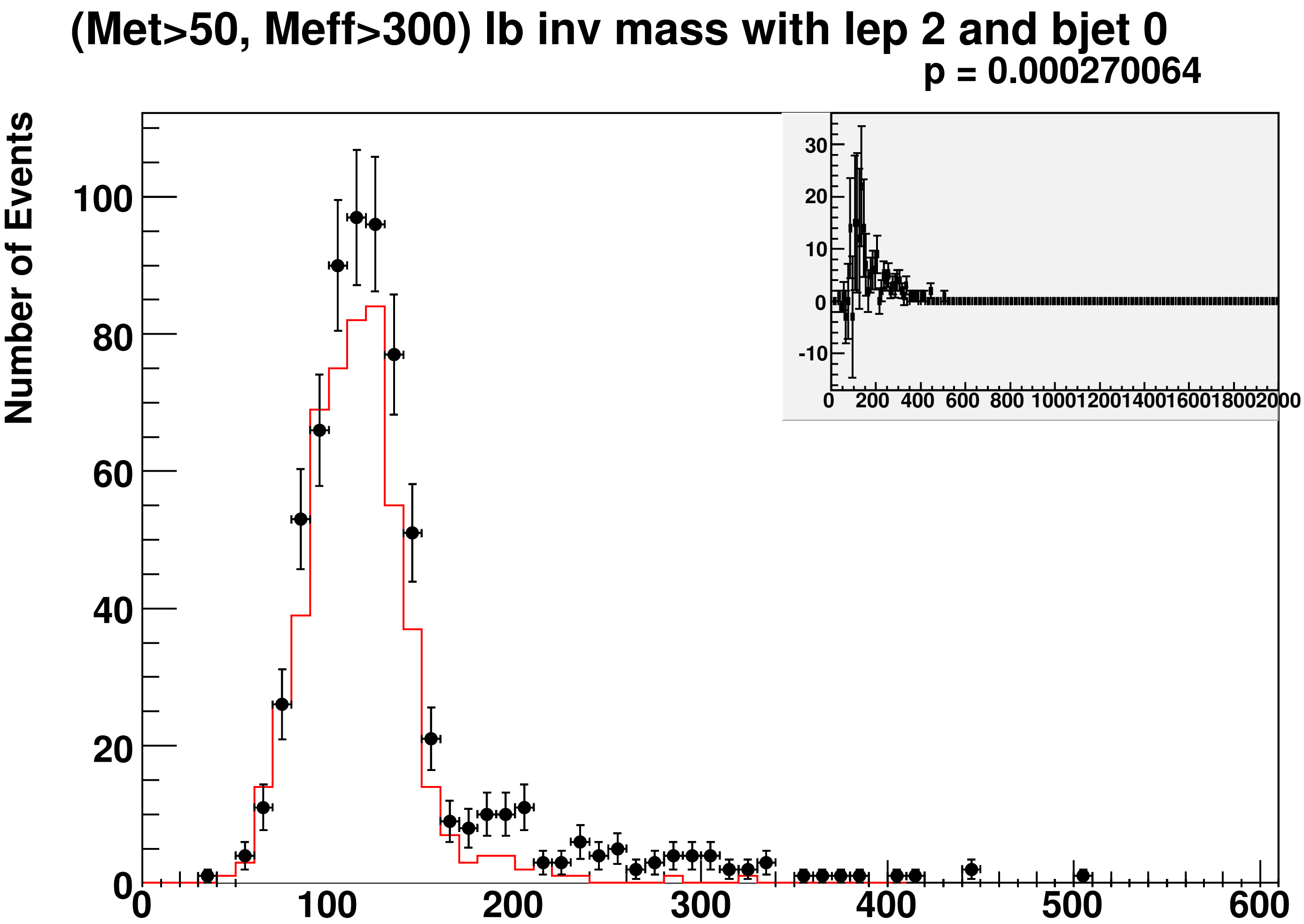

(Met>50, Meff>300) lb inv mass with lep 1 and bjet 3
p = 0.000333555
Number of Events



(Met>50, Meff>300) lb inv mass with lep 1 and bjet 4
p = 0.000323934
Number of Events
0
10
20
30
40
50
60
70
80
100
200
300
400
500
600
-5
5
15
25
800
1000
1200
1400
1600
1800
2000


(Met>50, Meff>300) lb inv mass with lep 2 and bjet 0
p = 0.000270064
Number of Events
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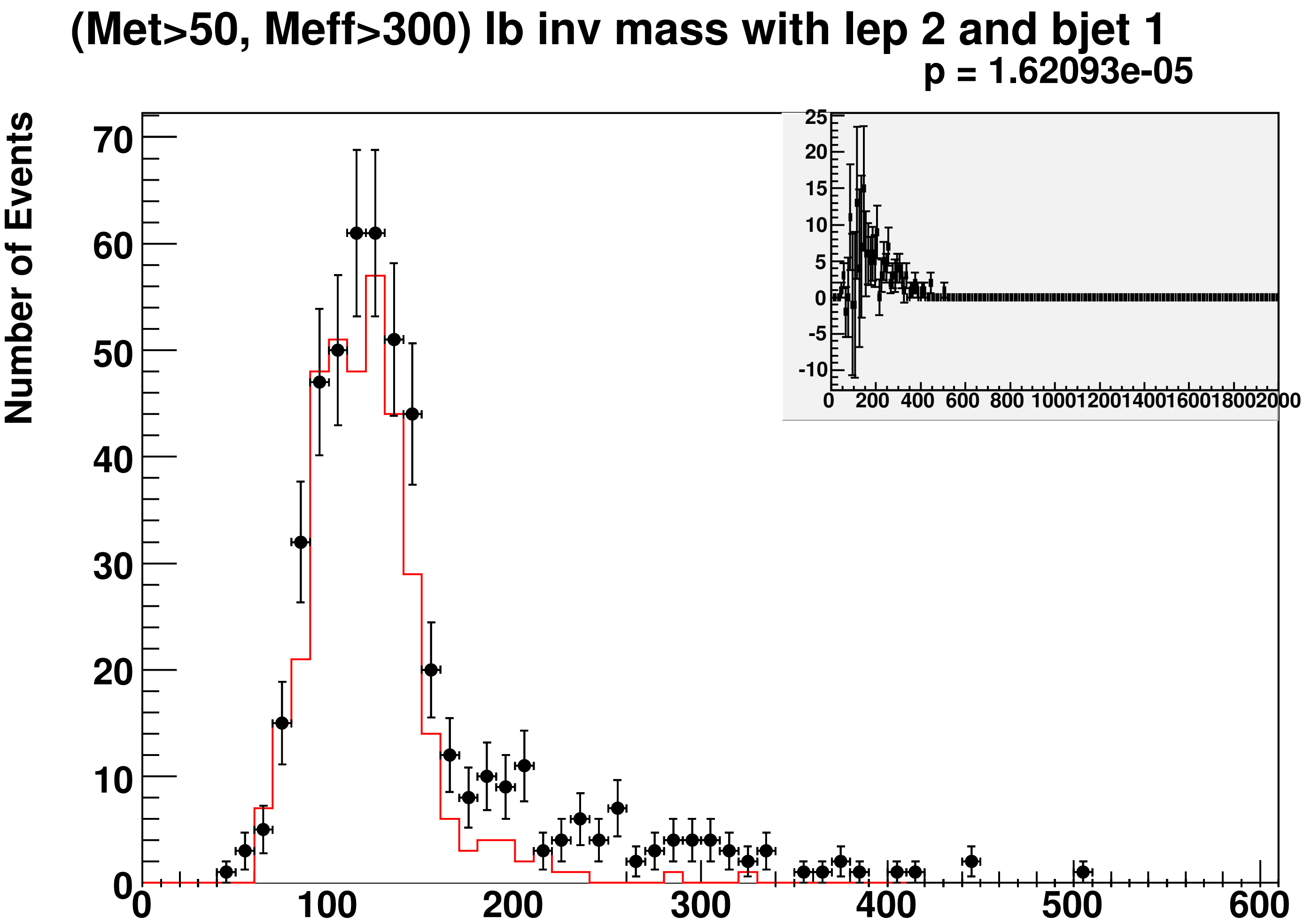
20
40
60
80
100
0
100
200
300
400
500
600
-10
0
10
20
30
0
200
400
600
800
1000
1200
1400
1600
1800
2000


(Met>50, Meff>300) lb inv mass with lep 2 and bjet 1
p = 1.62093e-05
Number of Events
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10
20
30
40
50
60
70
0
100
200
300
400
500
600
25
20
15
10
5
0
-5
-10
0
200
400
600
800
1000
1200
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1800
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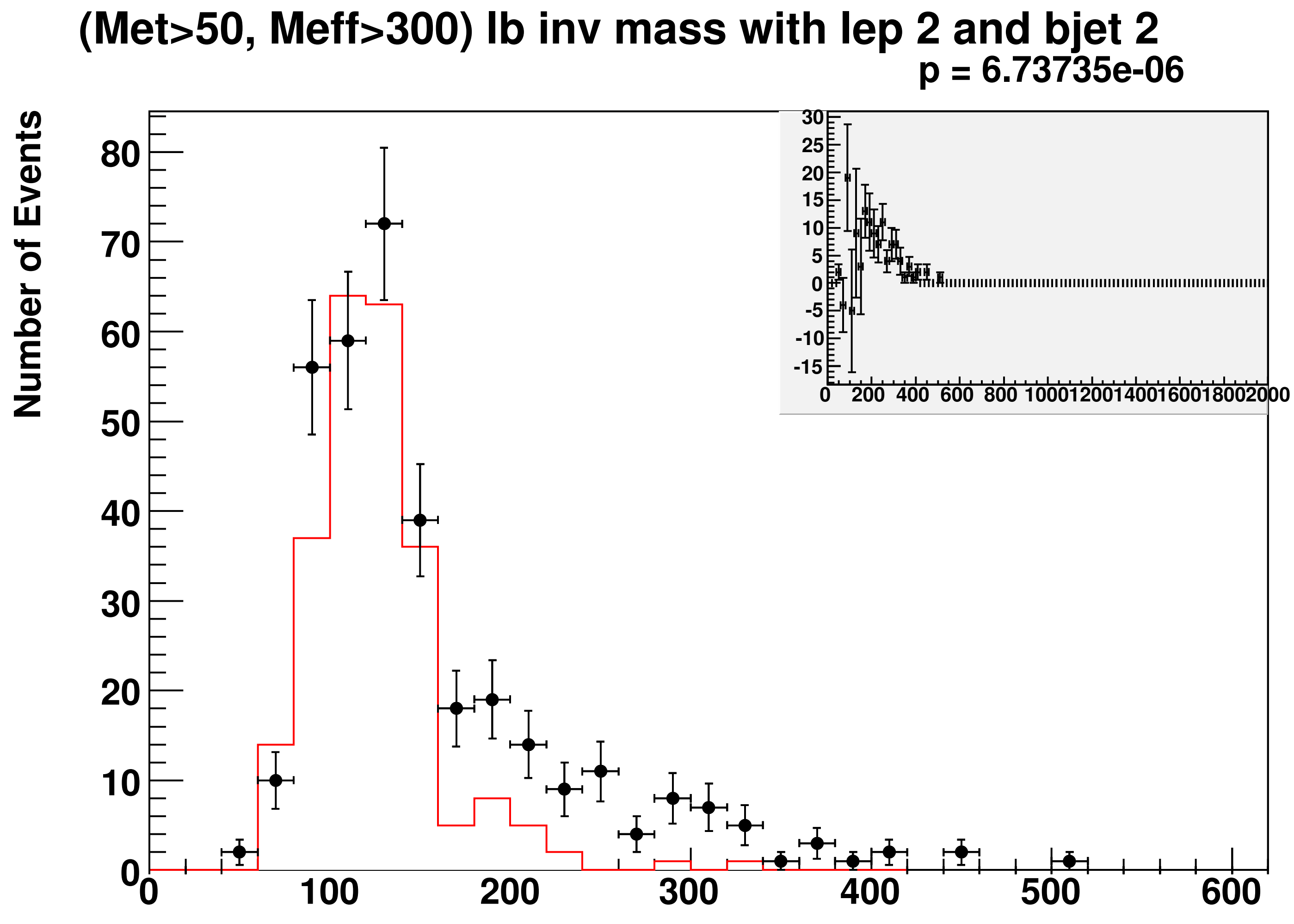

(Met>50, Meff>300) lb inv mass with lep 2 and bjet 2
p = 6.73735e-06
Number of Events
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10
20
30
40
50
60
70
80
0
100
200
300
400
500
600
30
25
20
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0
-5
-10
-15
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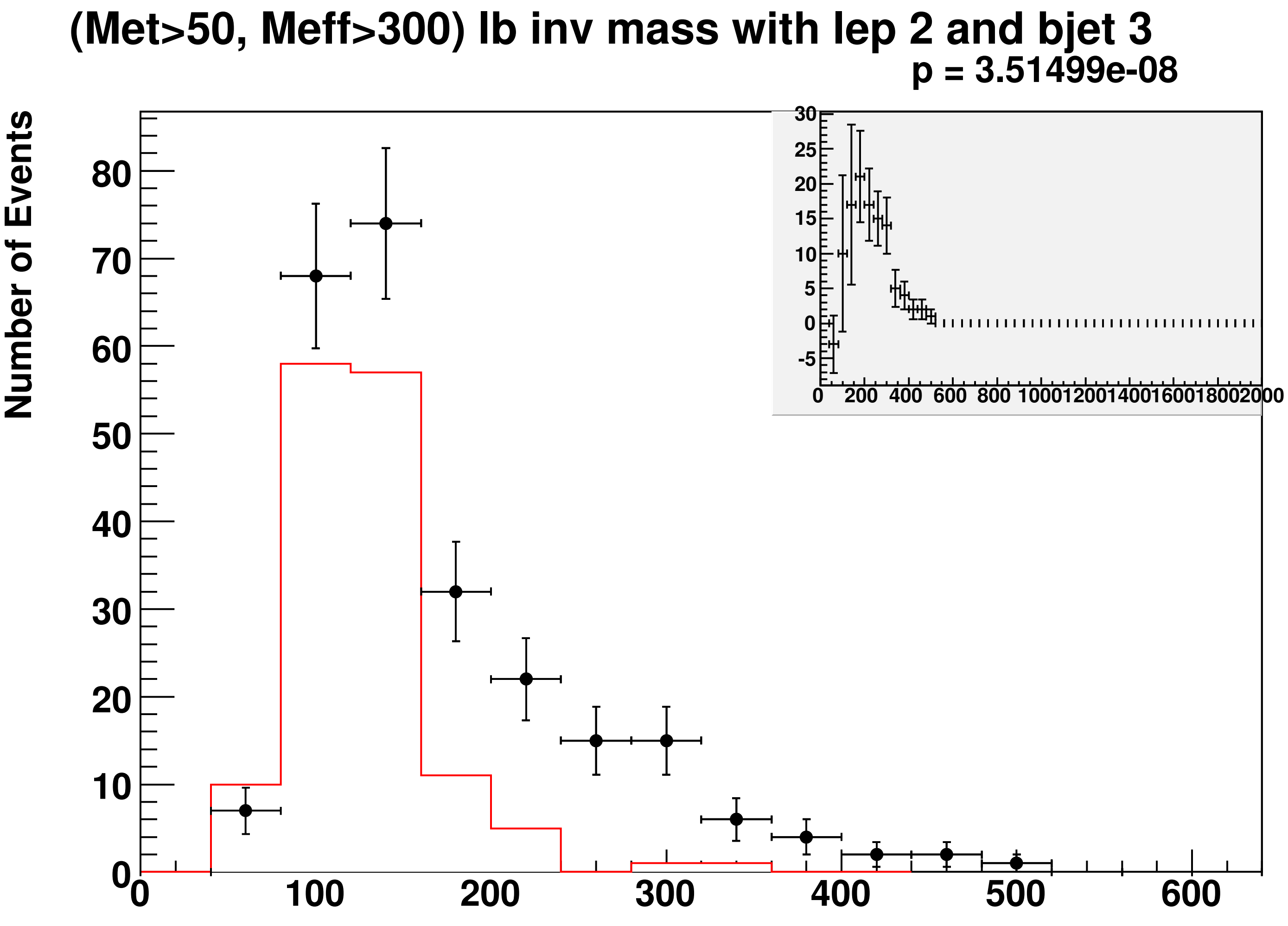

(Met>50, Meff>300) lb inv mass with lep 2 and bjet 3
p = 3.51499e-08
Number of Events
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10
20
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40
50
60
70
80
0
100
200
300
400
500
600
30
25
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15
10
5
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-5
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200
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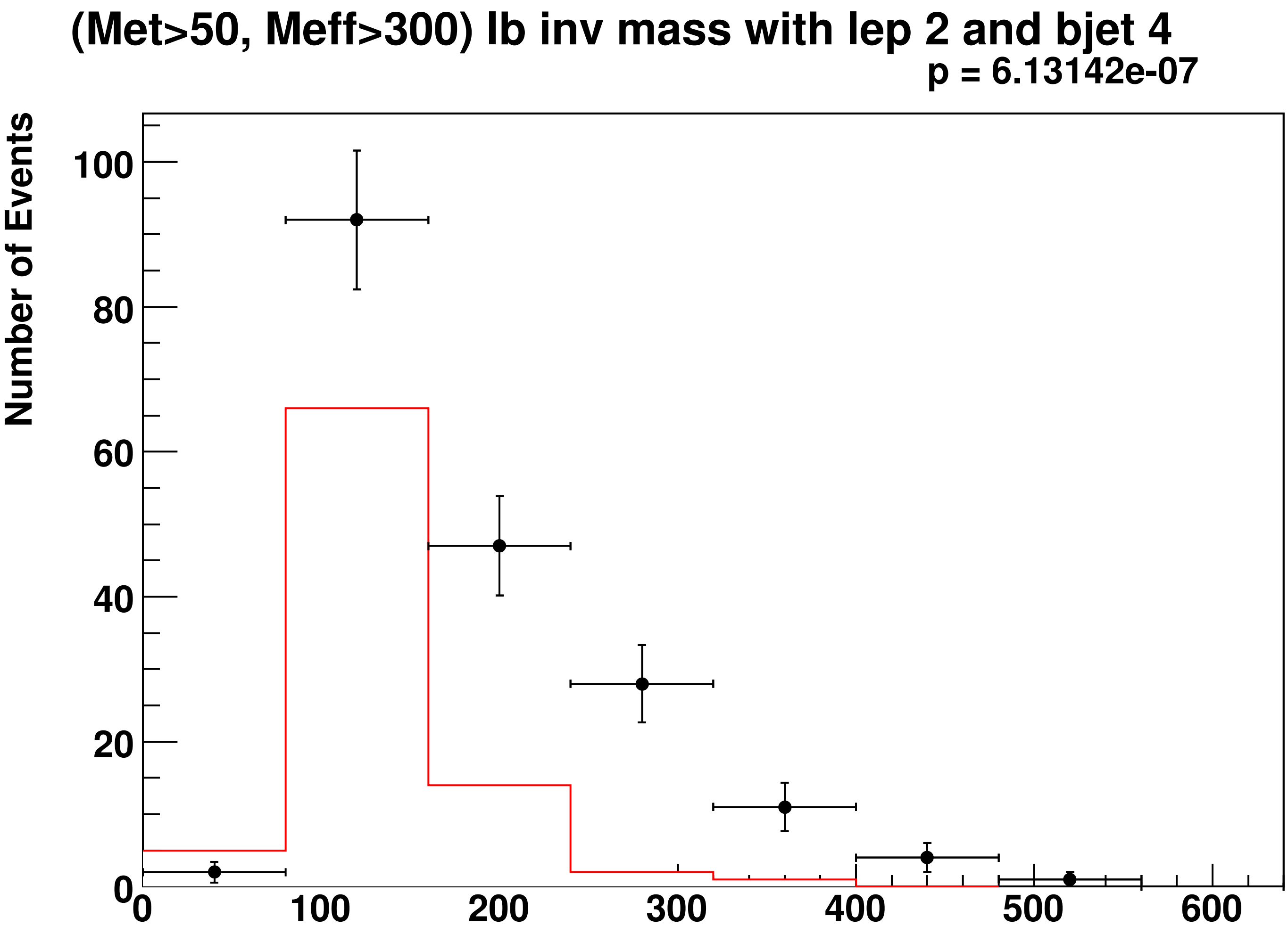

(Met>50, Meff>300) lb inv mass with lep 2 and bjet 4
p = 6.13142e-07
Number of Events
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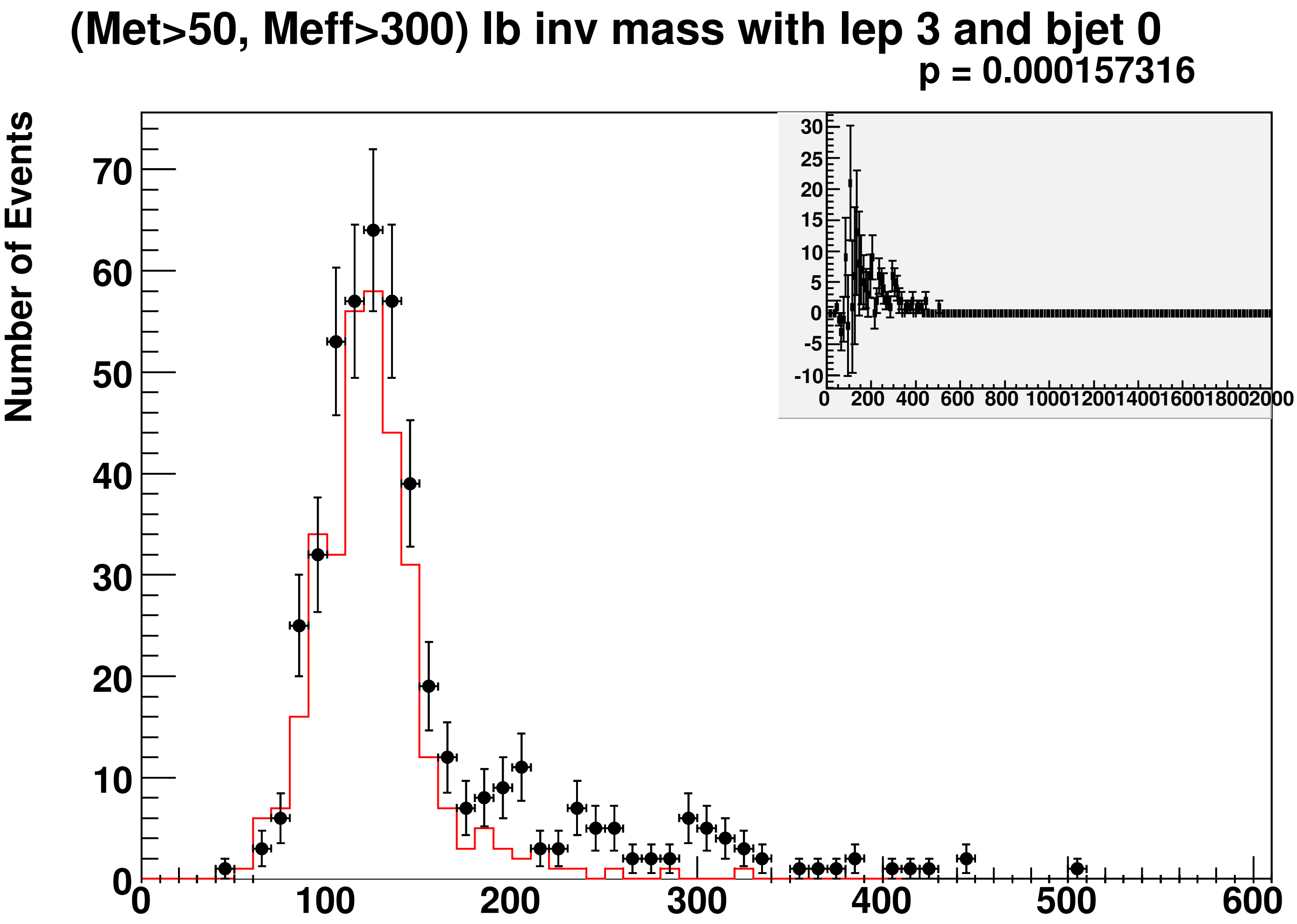
20
40
60
80
100
0
100
200
300
400
500
600



(Met>50, Meff>300) lb inv mass with lep 3 and bjet 0
p = 0.000157316
Number of Events
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10
20
30
40
50
60
70
0
100
200
300
400
500
600
30
25
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-5
-10
0
200
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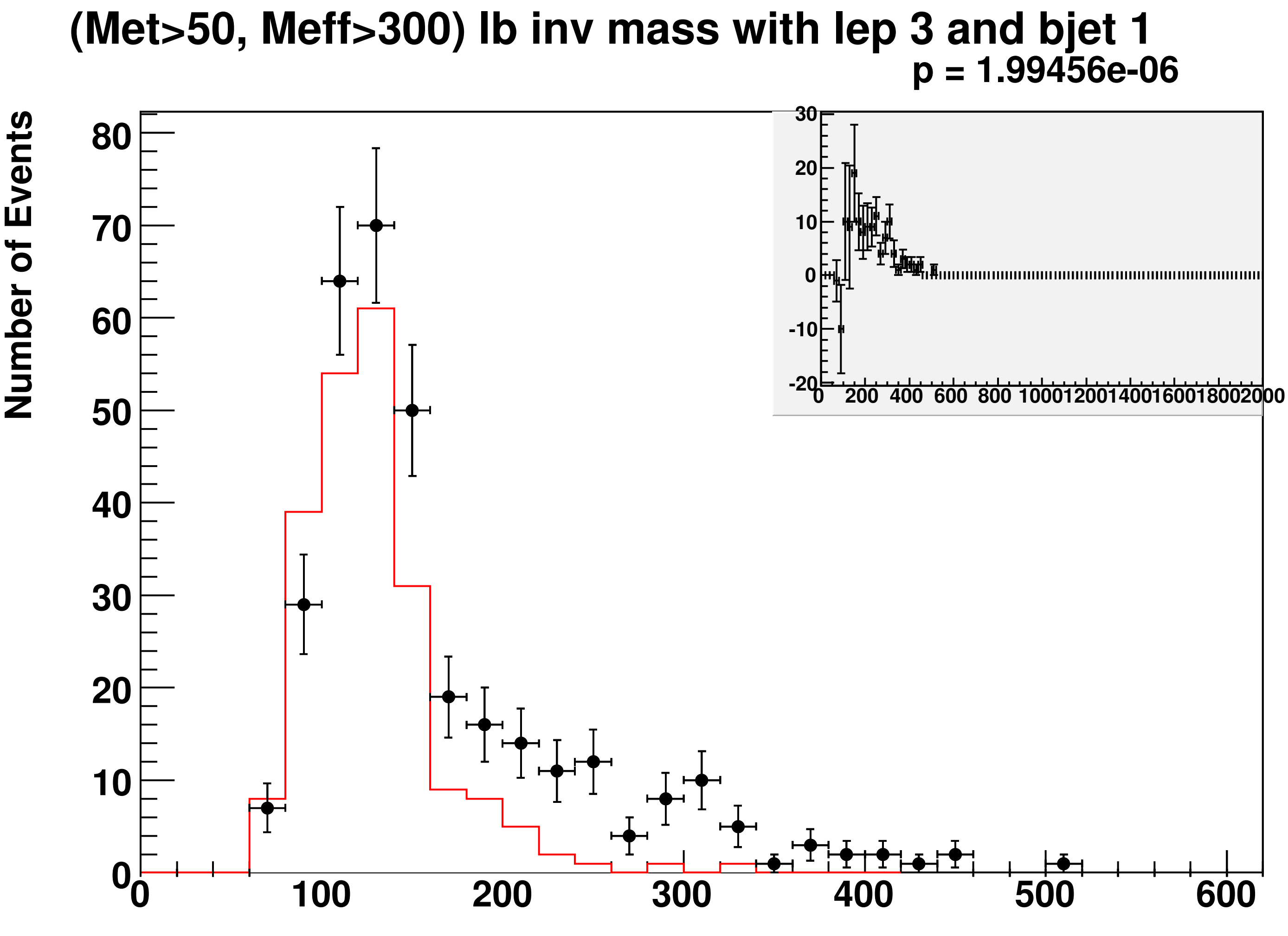
2000



(Met>50, Meff>300) lb inv mass with lep 3 and bjet 1
p = 1.99456e-06
Number of Events
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10
20
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40
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60
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80
100
200
300
400
500
600
-20
-10
1000
1200
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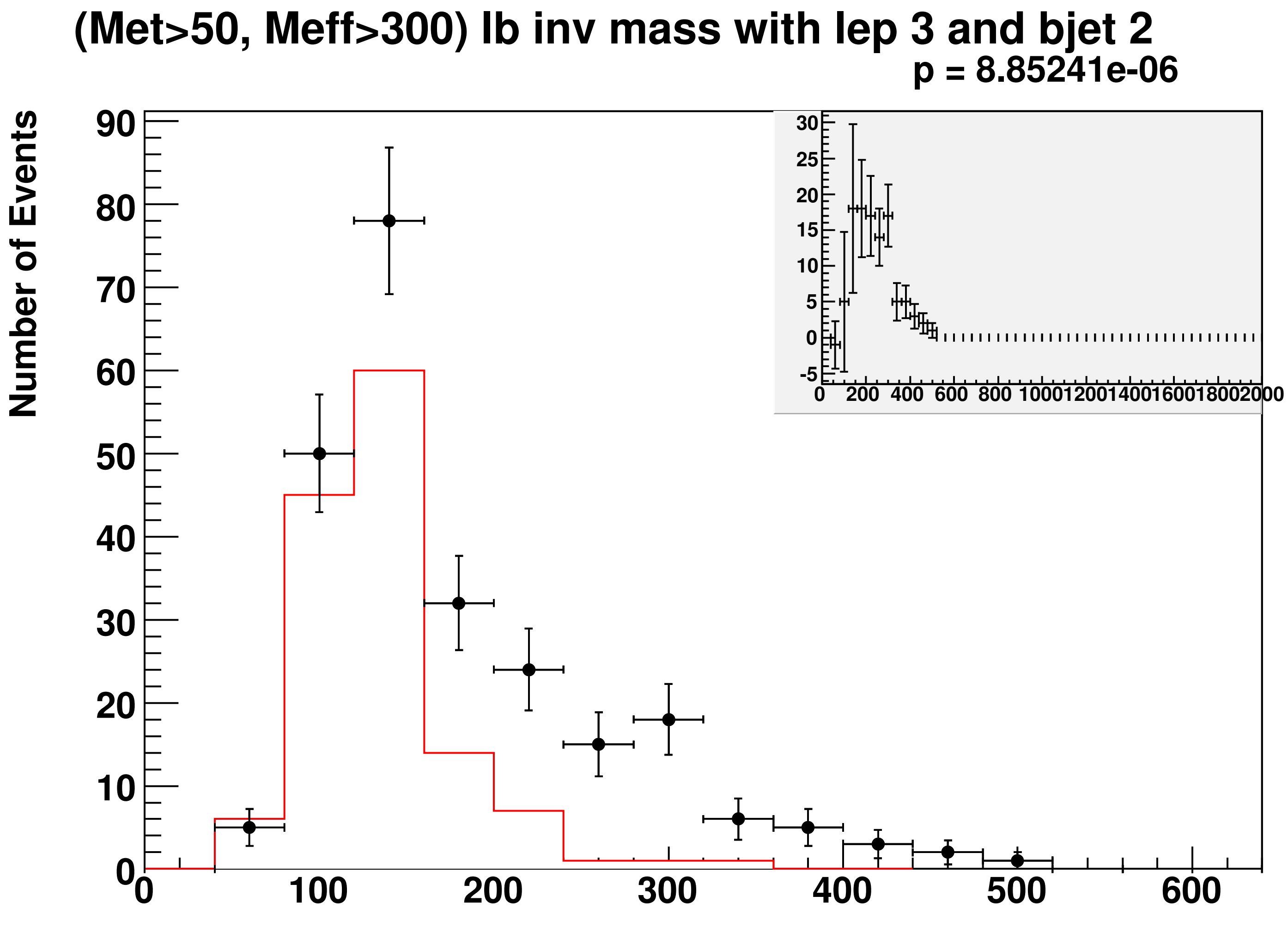
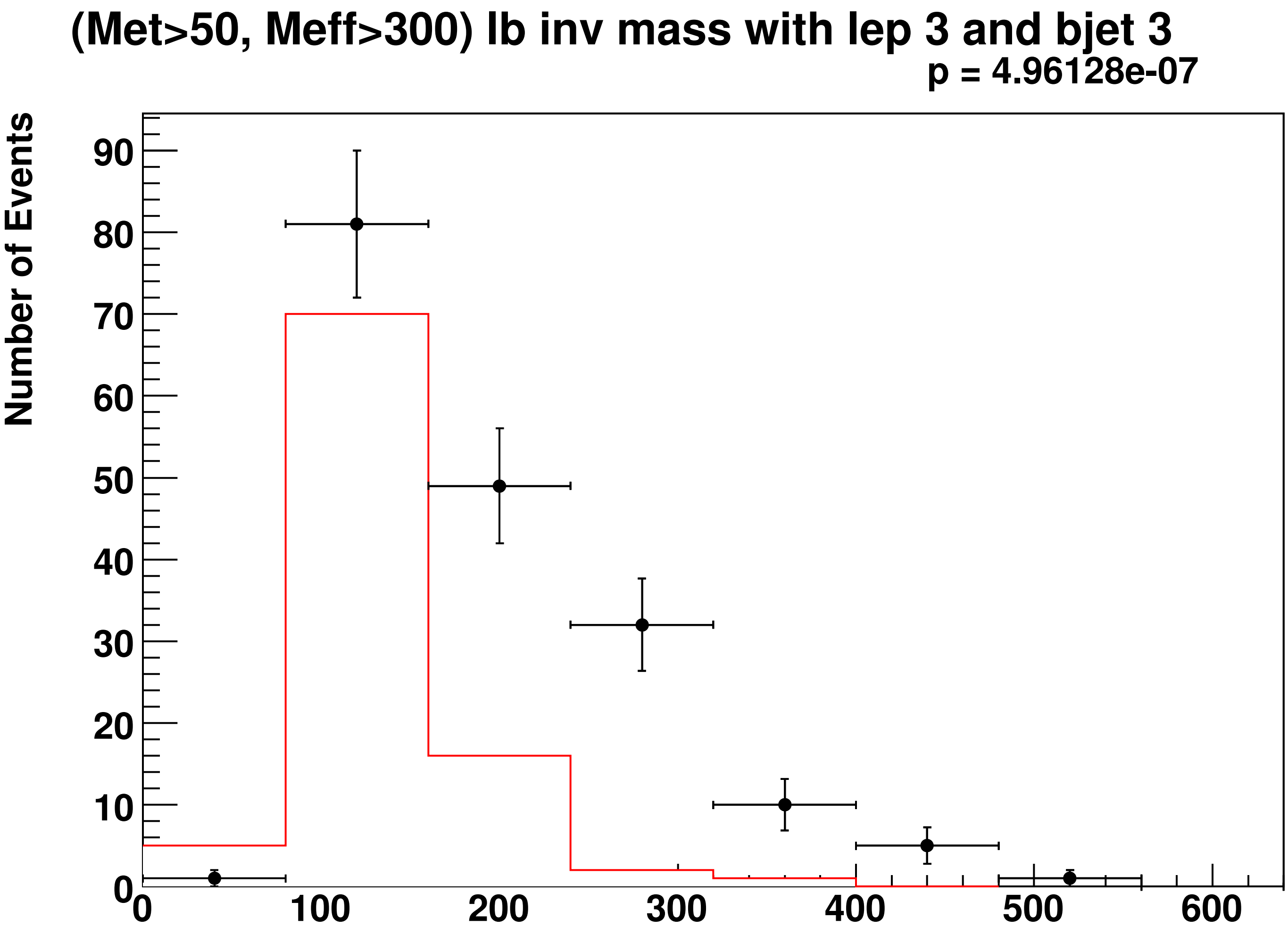
2000



(Met>50, Meff>300) lb inv mass with lep 3 and bjet 2
p = 8.85241e-06
Number of Events



(Met>50, Meff>300) lb inv mass with lep 3 and bjet 3
p = 4.96128e-07
Number of Events
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60
70
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90
0
100
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300
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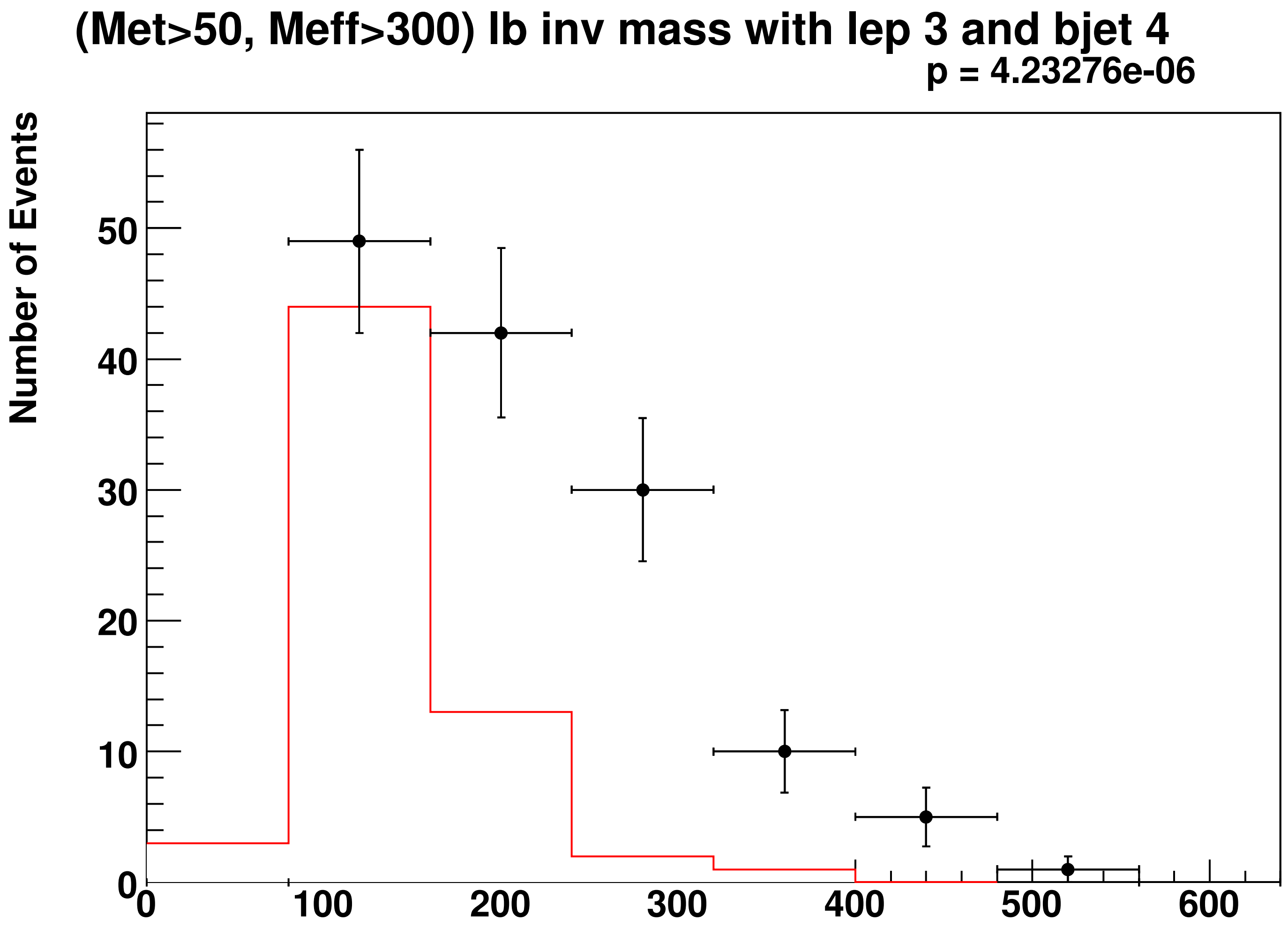
500
600



(Met>50, Meff>300) lb inv mass with lep 3 and bjet 4
p = 4.23276e-06
Number of Events
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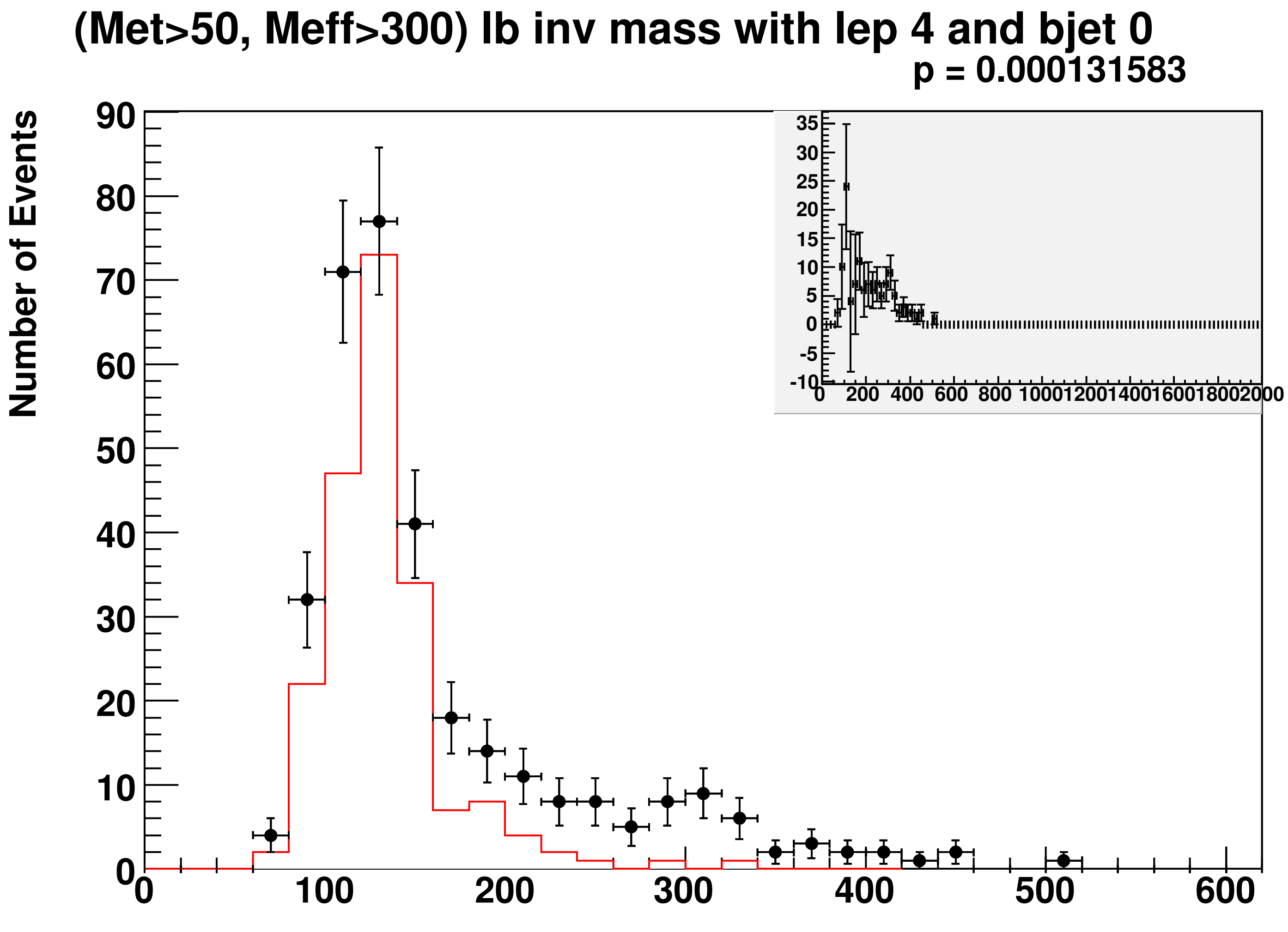
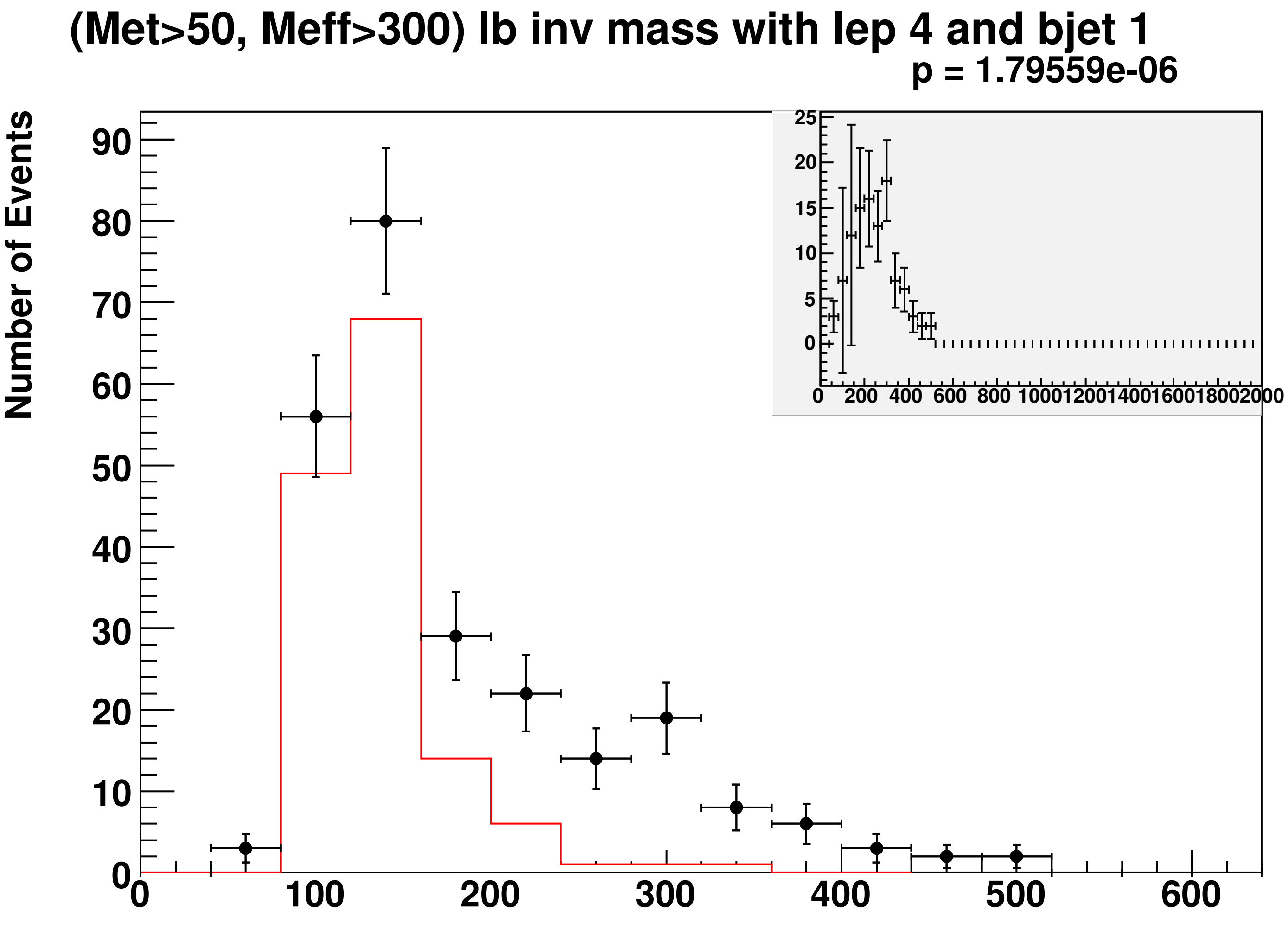
10
20
30
40
50
0
100
200
300
400
500
600


(Met>50, Meff>300) lb inv mass with lep 4 and bjet 0
p = 0.000131583
Number of Events



(Met>50, Meff>300) lb inv mass with lep 4 and bjet 1
p = 1.79559e-06
Number of Events
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10
20
30
40
50
60
70
80
90
0
100
200
300
400
500
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20
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10
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0
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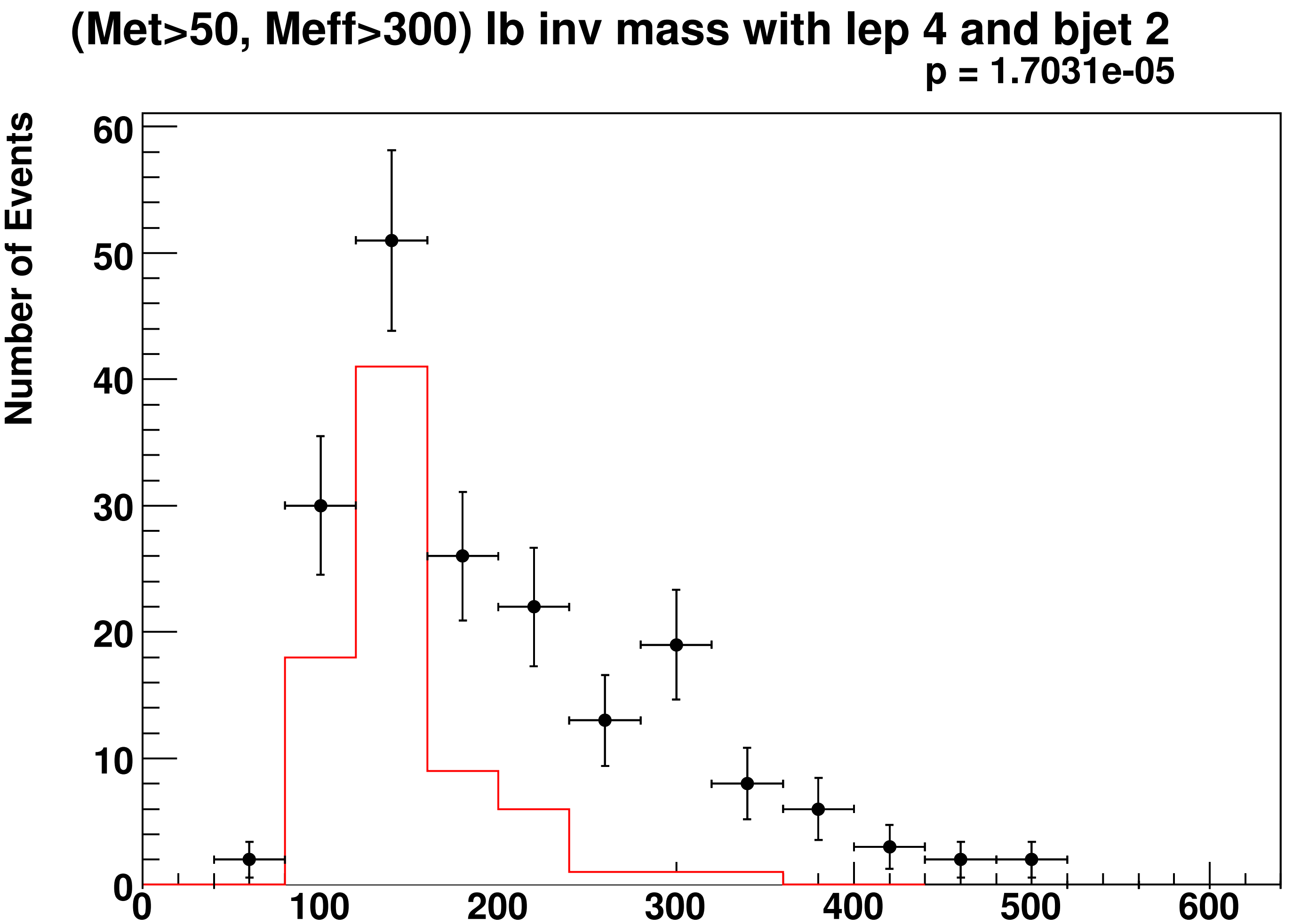

(Met>50, Meff>300) lb inv mass with lep 4 and bjet 2
p = 1.7031e-05
Number of Events
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60
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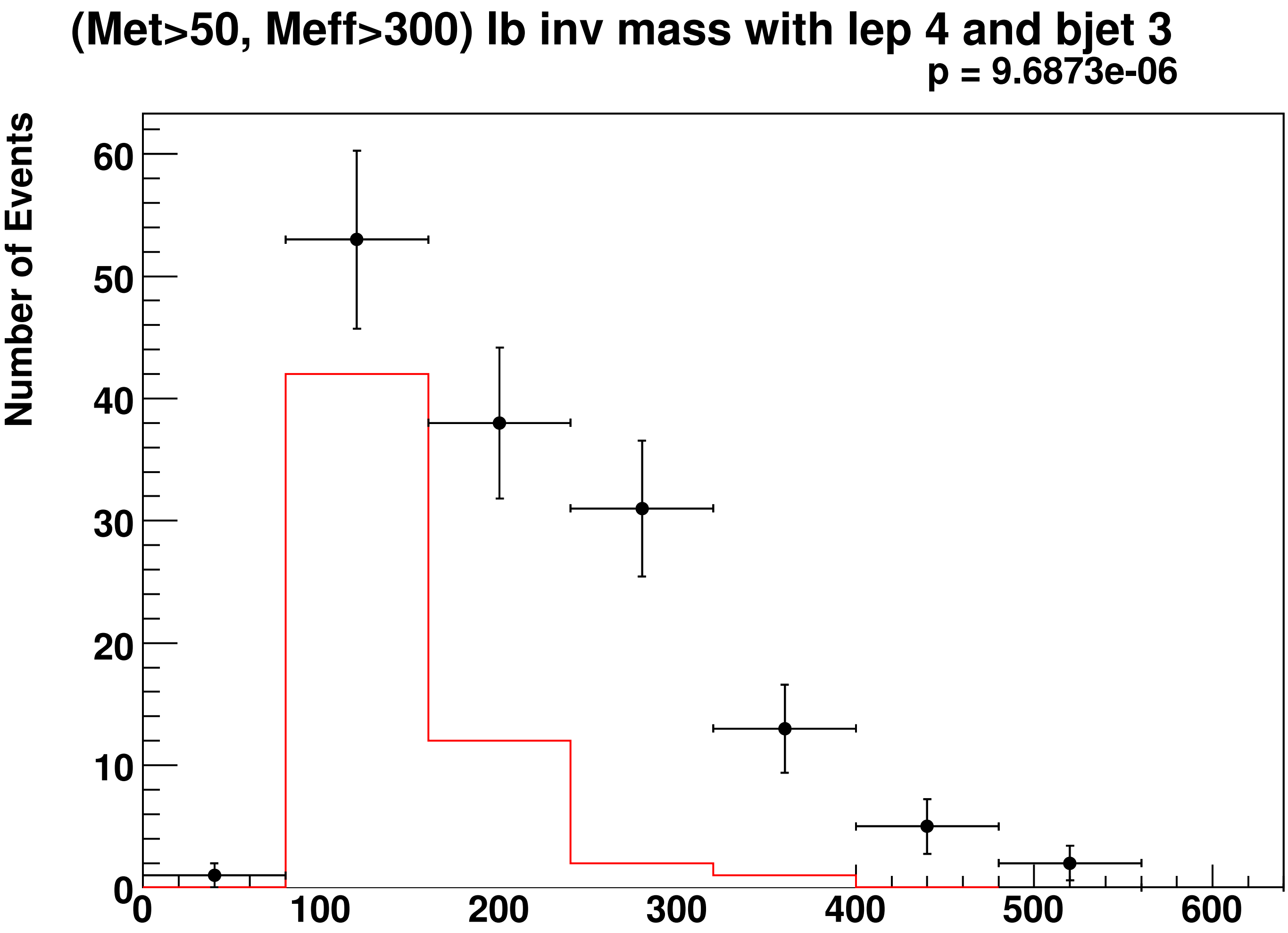
100
200
300
400
500
600



(Met>50, Meff>300) lb inv mass with lep 4 and bjet 3
p = 9.6873e-06
Number of Events
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60
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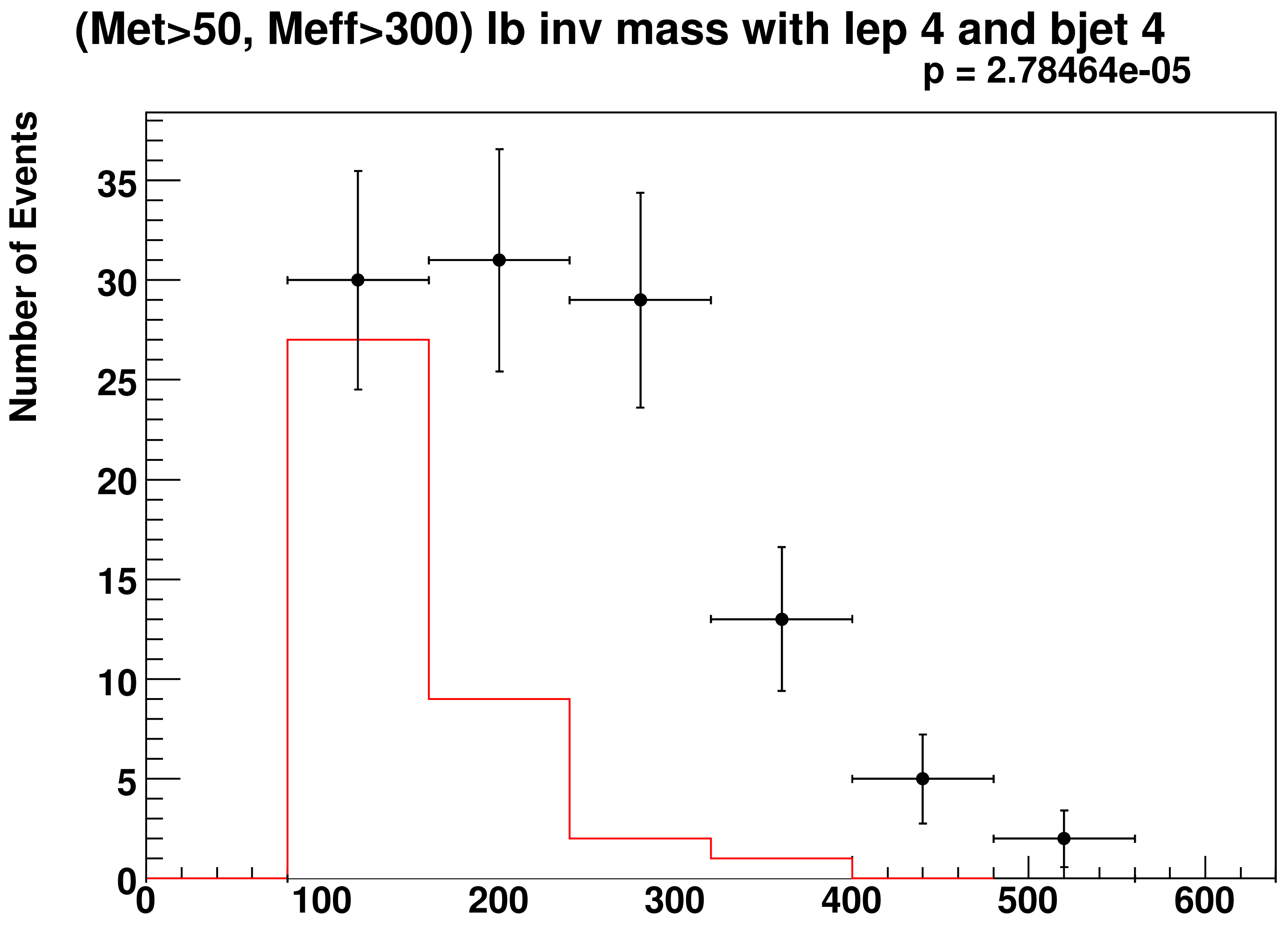
100
200
300
400
500
600


(Met>50, Meff>300) lb inv mass with lep 4 and bjet 4
p = 2.78464e-05
Number of Events
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5
10
15
20
25
30
35
0
100
200
300
400
500
600