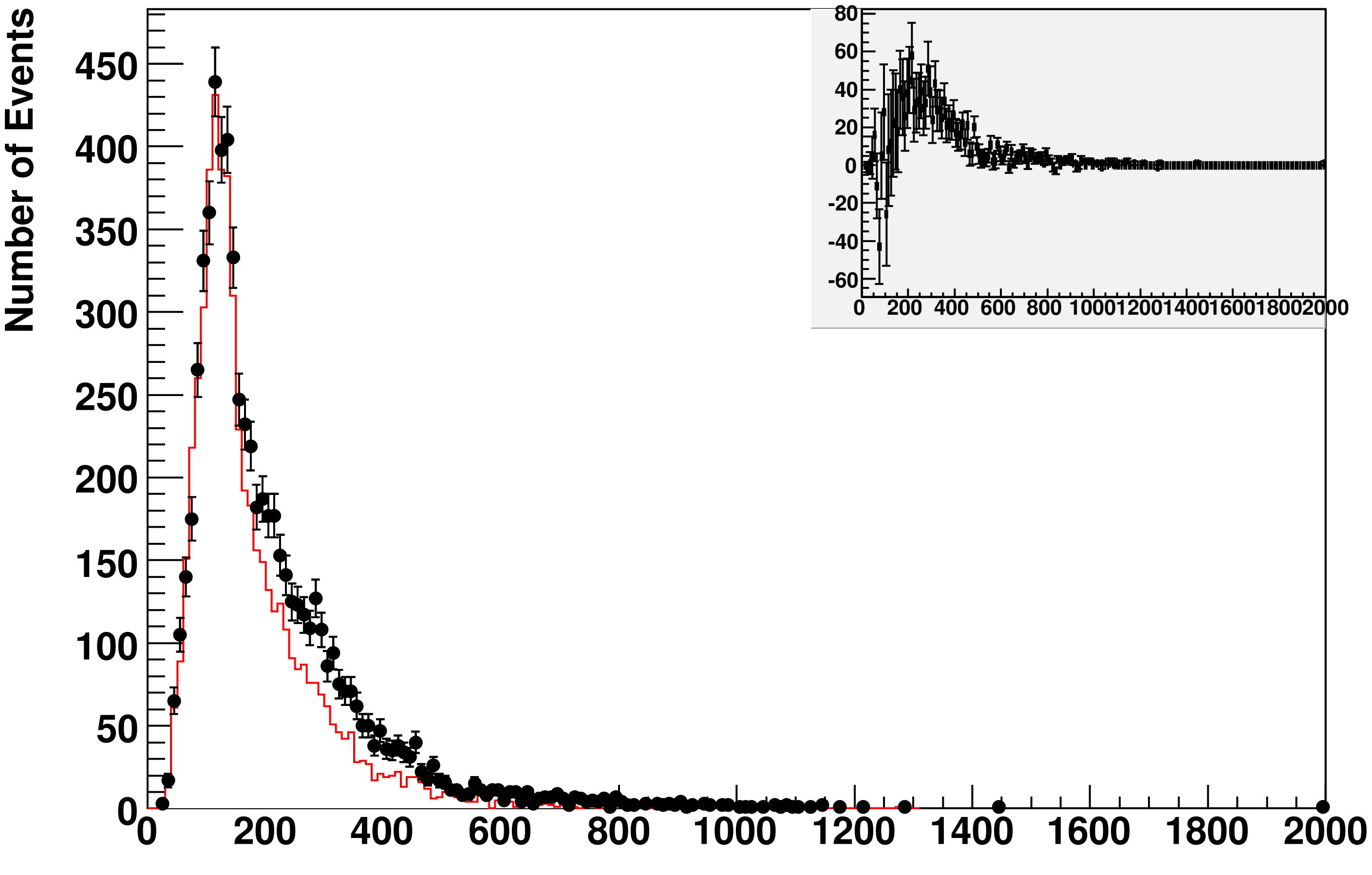
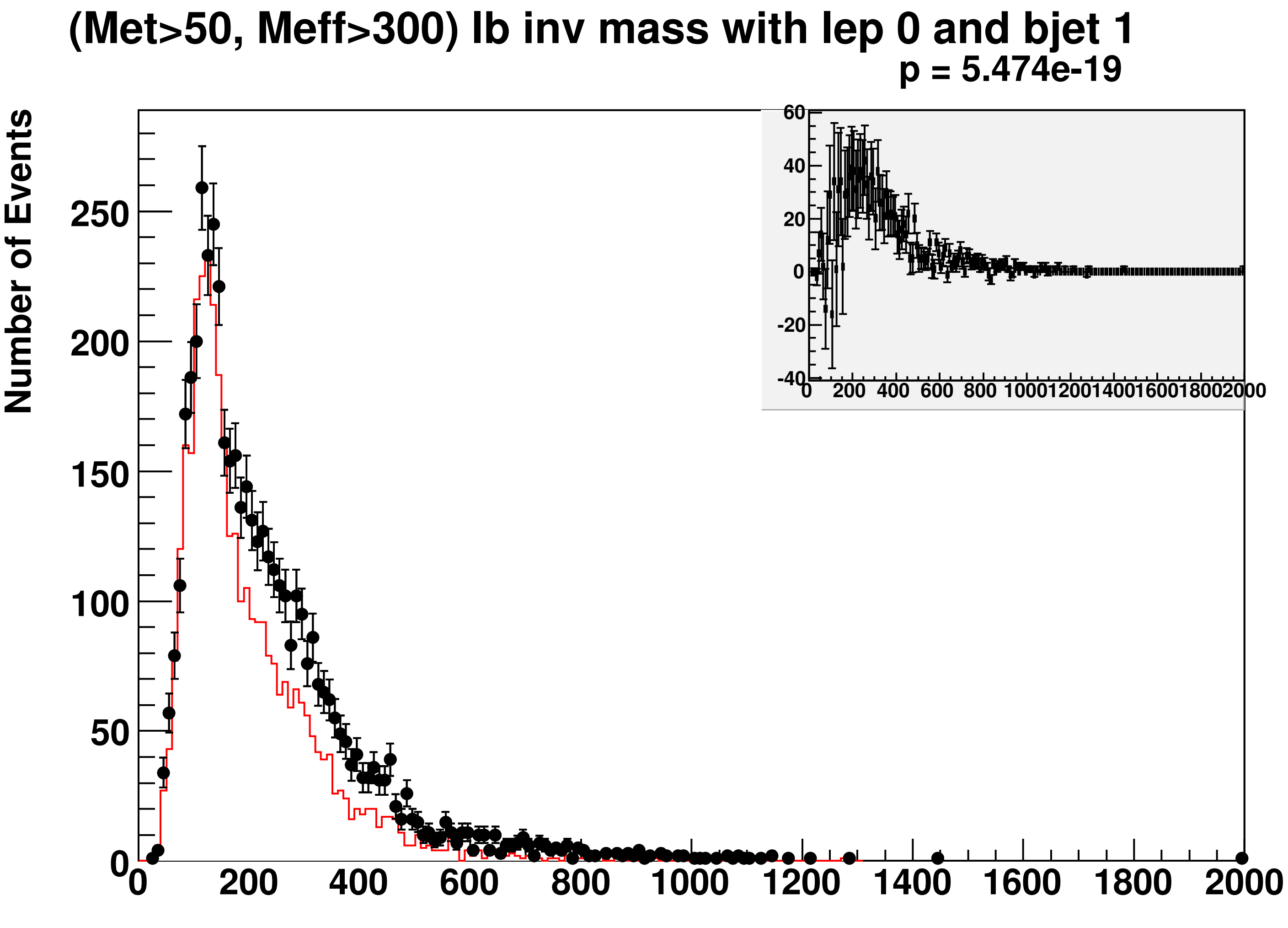
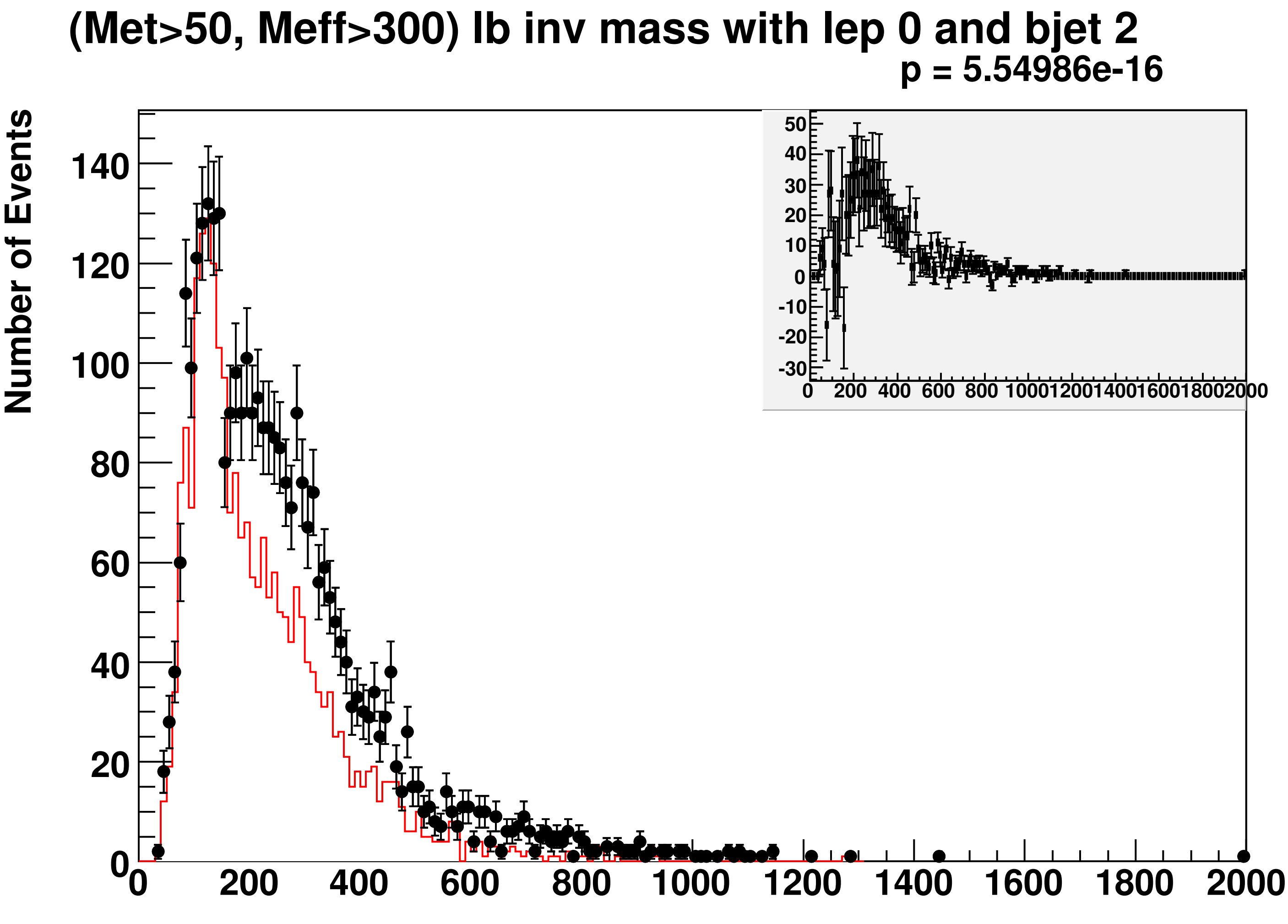
(Met>50, Meff>300) lb inv mass with lep 0 and bjet 0

p = 1.0059e-25



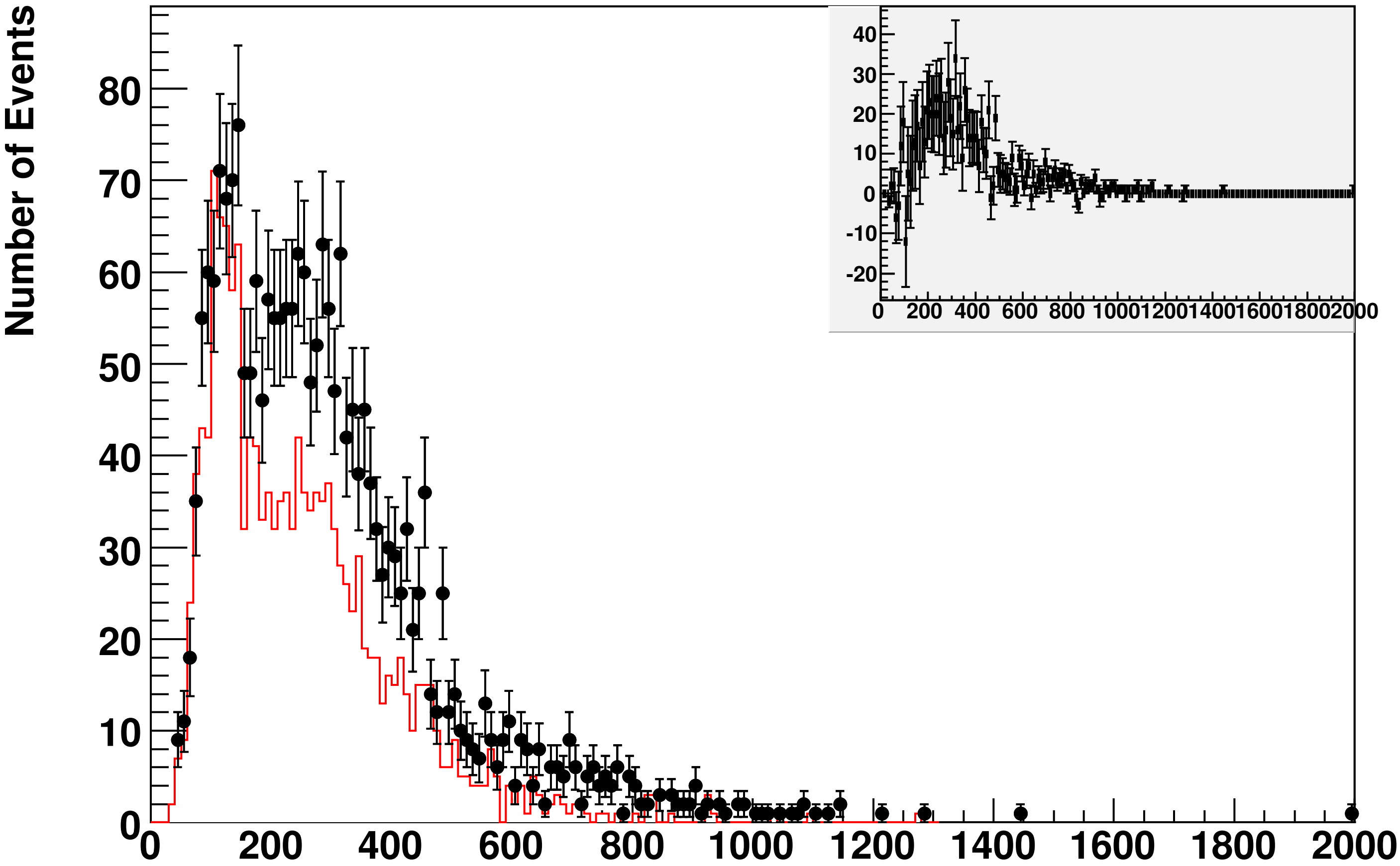

(Met>50, Meff>300) lb inv mass with lep 0 and bjet 1
p = 5.474e-19
Number of Events
0
50
100
150
200
250
0
200
400
600
800
1000
1200
1400
1600
1800
2000
60
40
20
0
-20
-40
0
200
400
600
800
1000
1200
1400
1600
1800
2000

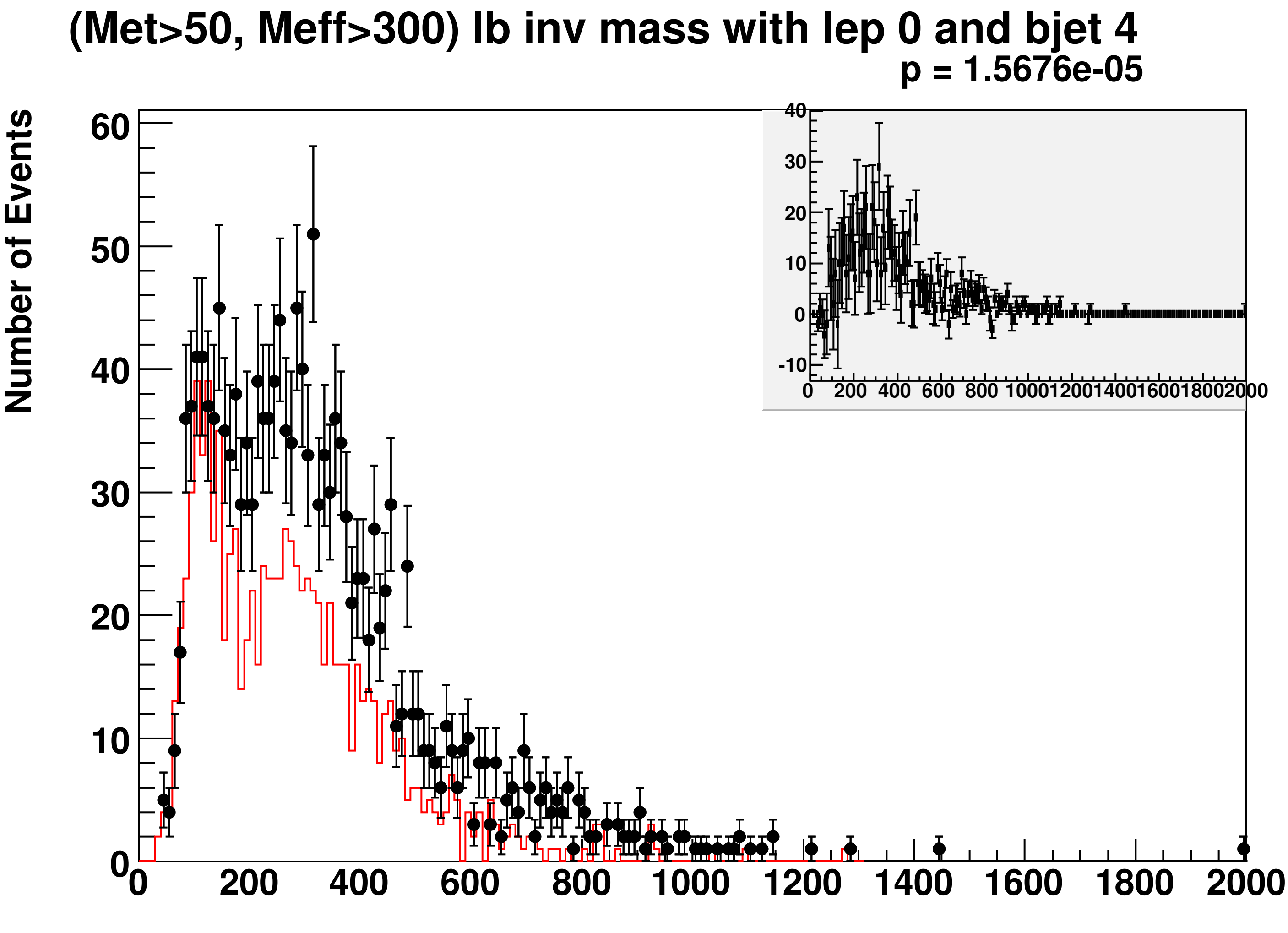


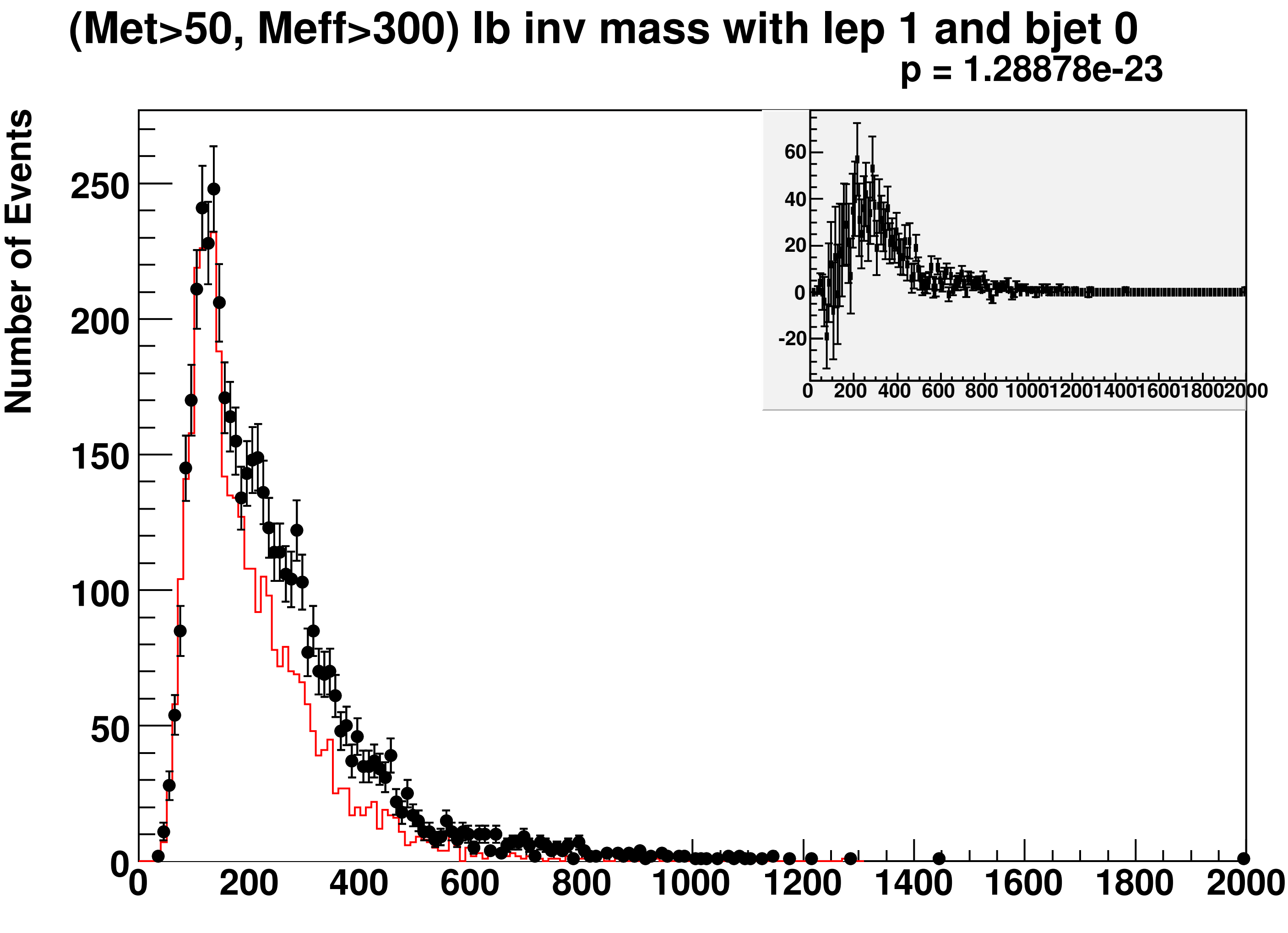
(Met>50, Meff>300) lb inv mass with lep 0 and bjet 2
p = 5.54986e-16
Number of Events
0
20
40
60
80
100
120
140
0
200
400
600
800
1000
1200
1400
1600
1800
2000
-30
-20
-10
0
10
20
30
40
50
0
200
400
600
800
1000
1200
1400
1600
1800
2000

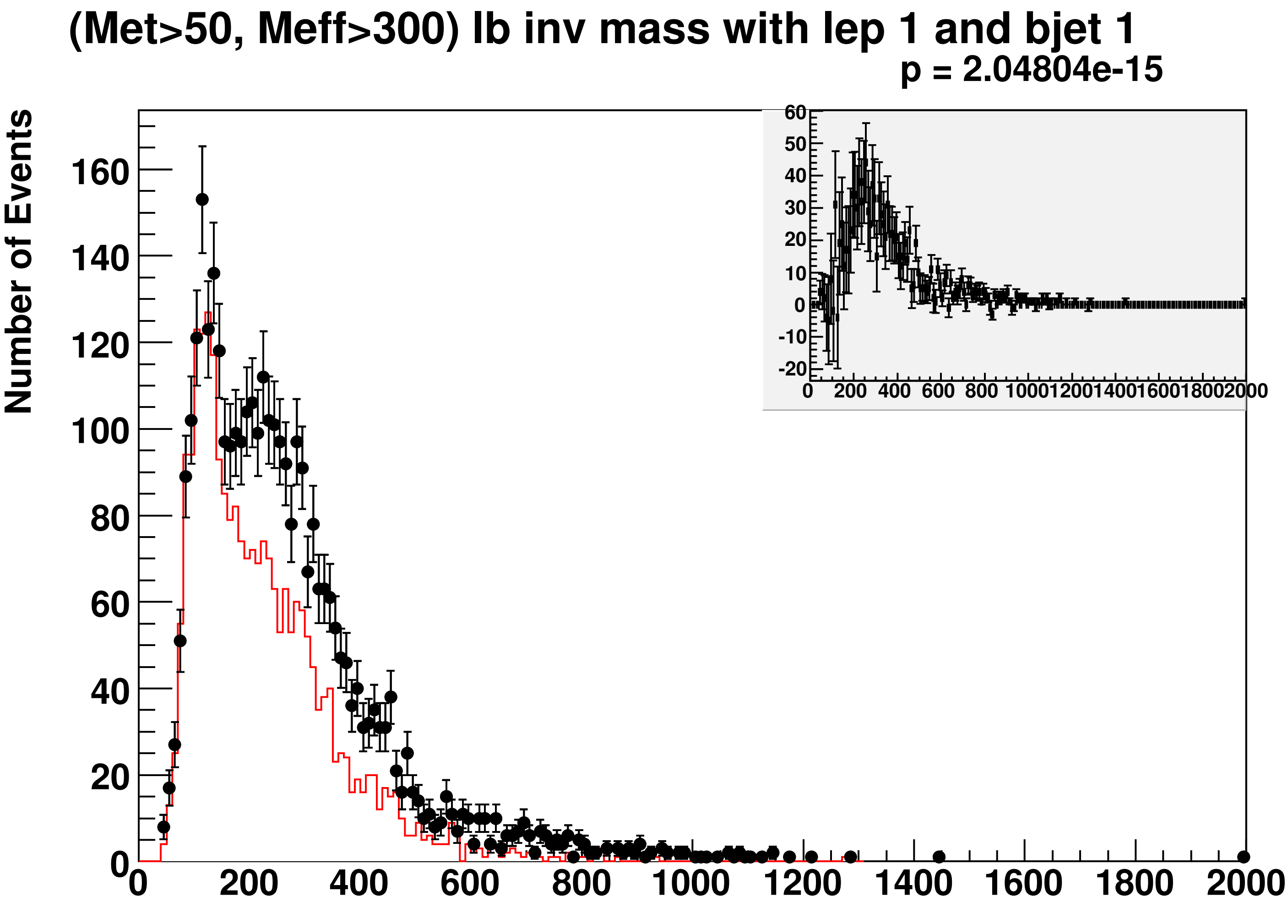
(Met>50, Meff>300) lb inv mass with lep 0 and bjet 3

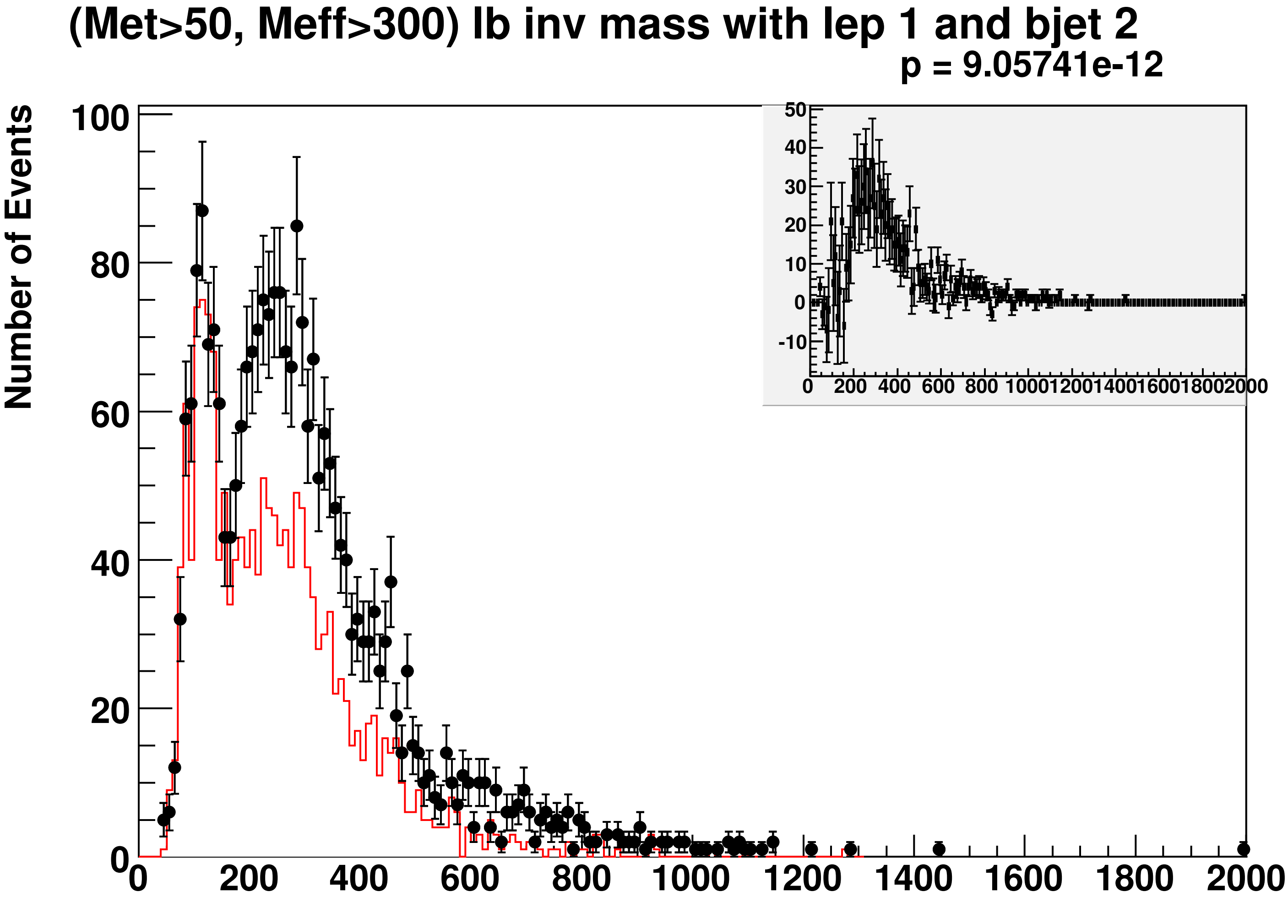
p = 1.66425e-09

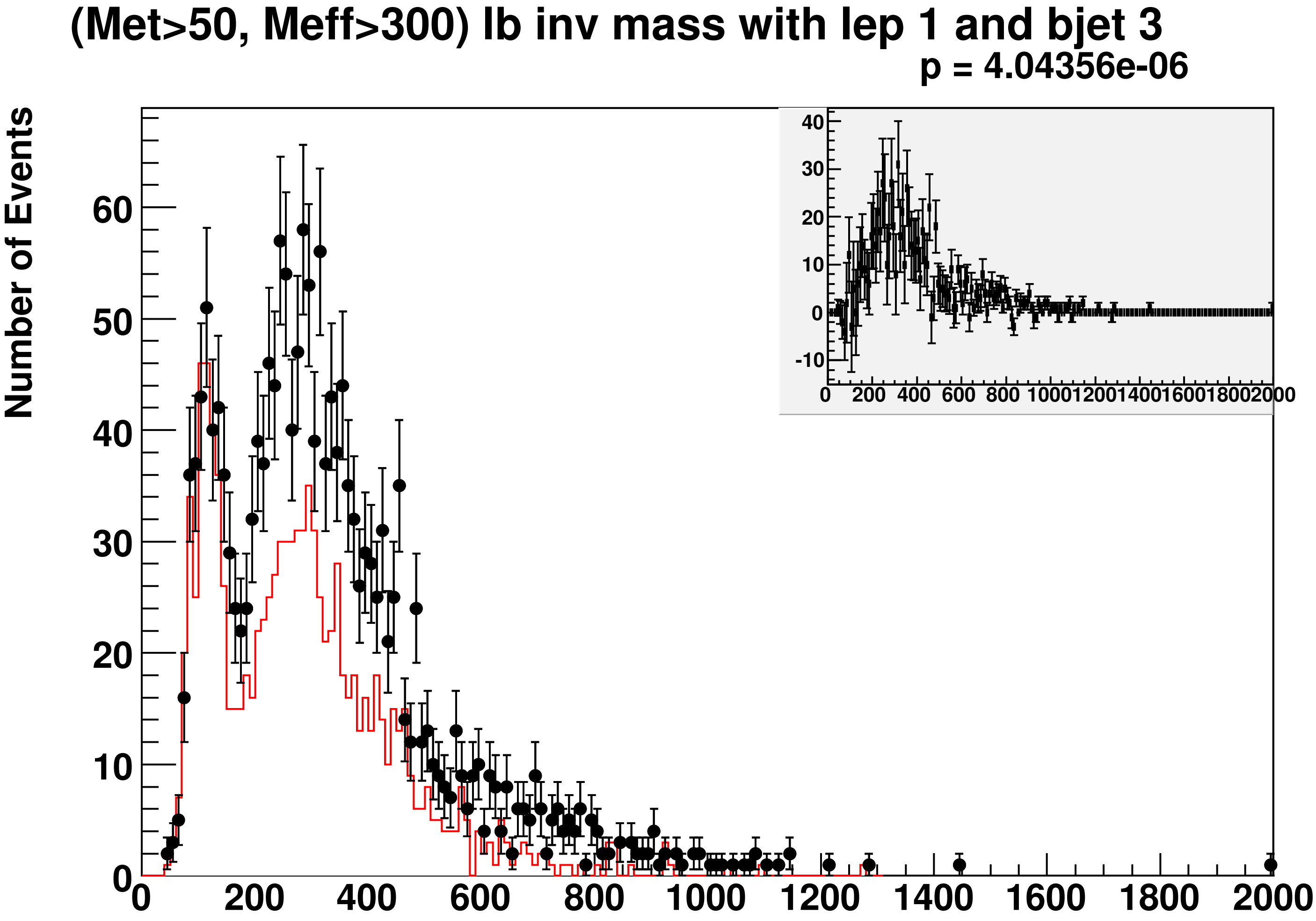


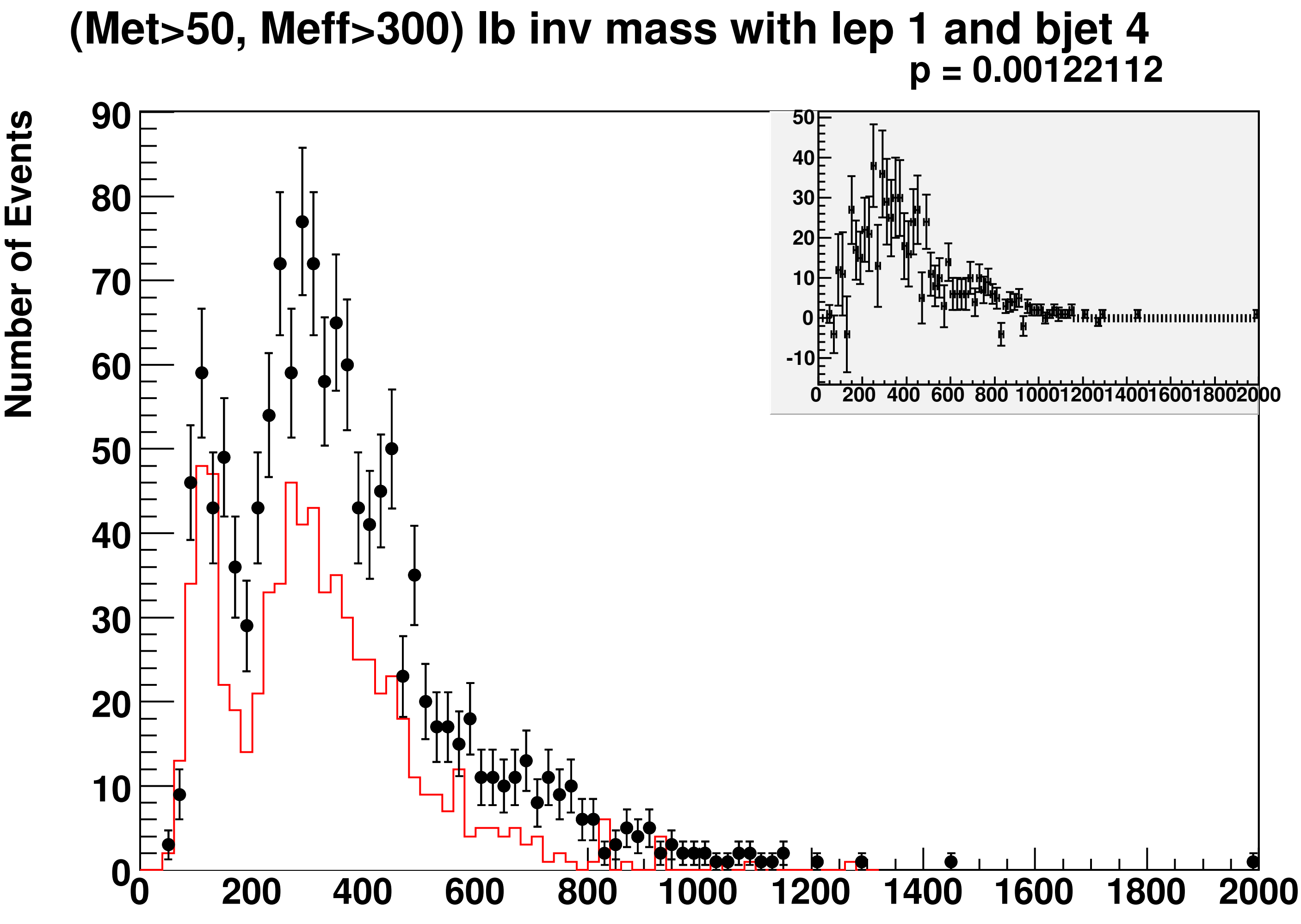

(Met>50, Meff>300) lb inv mass with lep 0 and bjet 4
p = 1.5676e-05
Number of Events
0
10
20
30
40
50
60
0
200
400
600
800
1000
1200
1400
1600
1800
2000
-10
0
10
20
30
40
0
200
400
600
800
1000
1200
1400
1600
1800
2000


(Met>50, Meff>300) lb inv mass with lep 1 and bjet 0
p = 1.28878e-23
Number of Events
0
50
100
150
200
250
0
200
400
600
800
1000
1200
1400
1600
1800
2000
60
40
20
0
-20

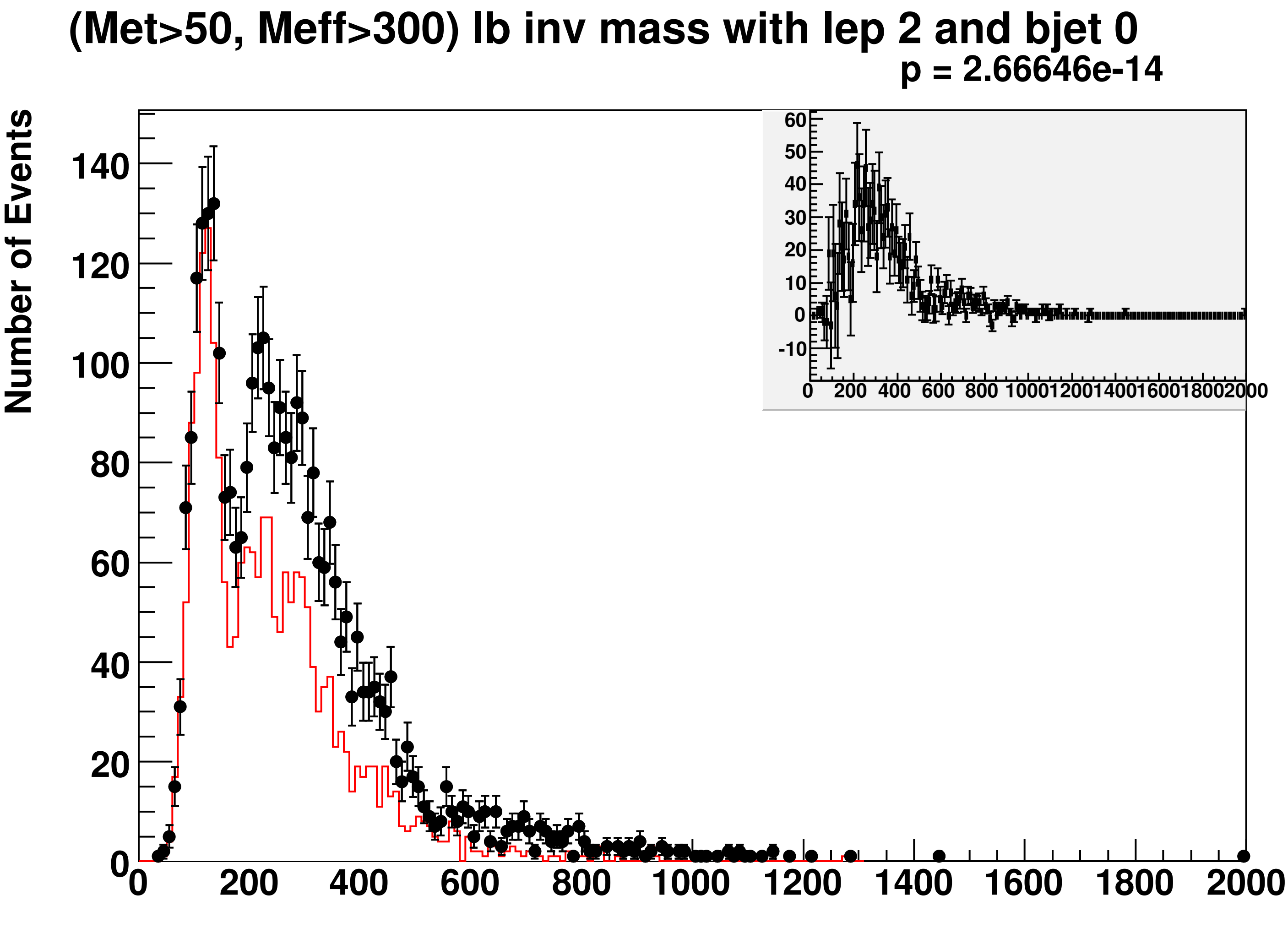

(Met>50, Meff>300) lb inv mass with lep 1 and bjet 1
p = 2.04804e-15
Number of Events
0
20
40
60
80
100
120
140
160
0
200
400
600
800
1000
1200
1400
1600
1800
2000
60
50
40
30
20
10
0
-10
-20
0
200
400
600
800
1000
1200
1400
1600
1800
2000

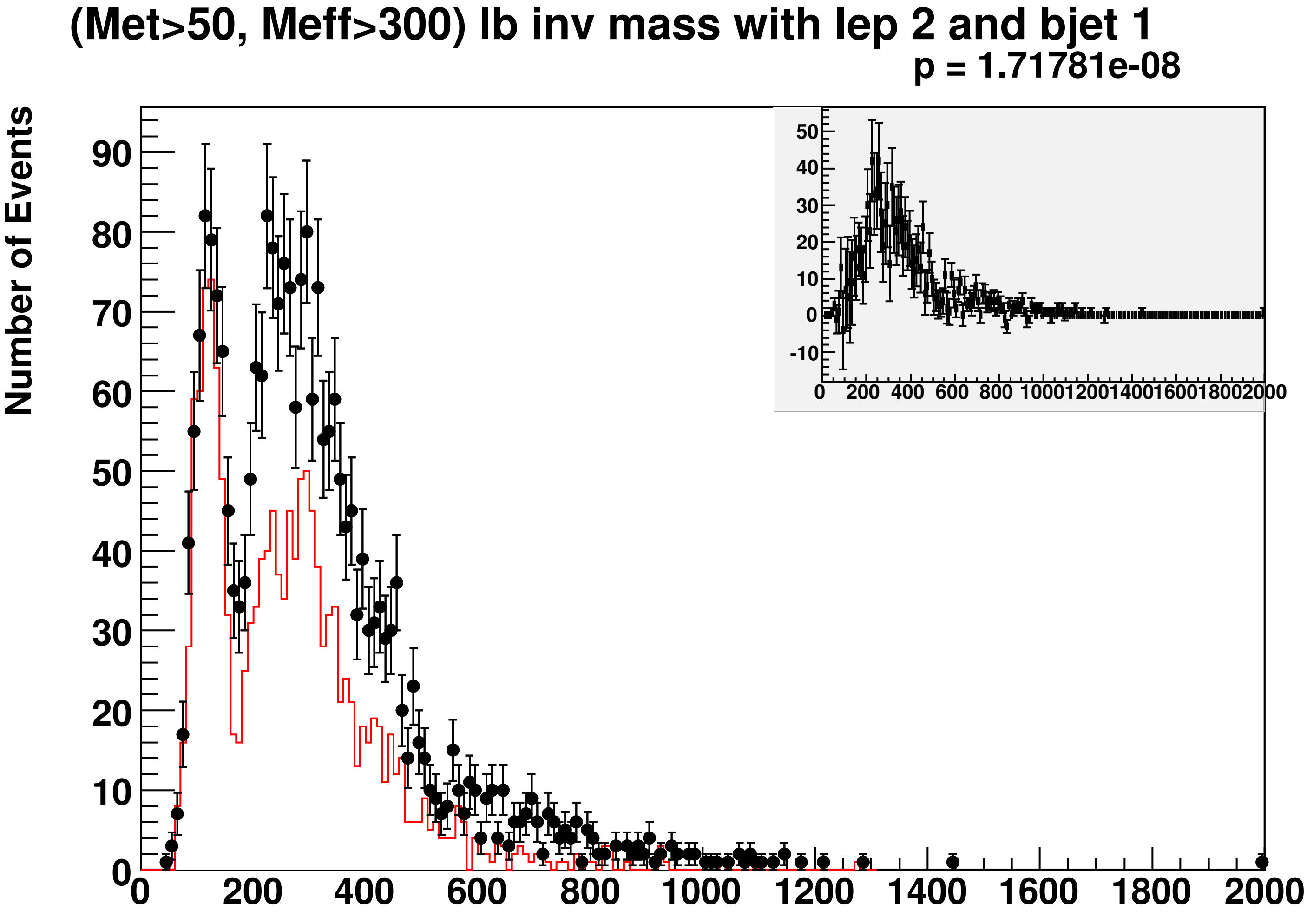

(Met>50, Meff>300) lb inv mass with lep 1 and bjet 2
p = 9.05741e-12
Number of Events
0
20
40
60
80
100
0
200
400
600
800
1000
1200
1400
1600
1800
2000
-10
0
10
20
30
40
50
0
200
400
600
800
1000120014001600180002000


(Met>50, Meff>300) lb inv mass with lep 1 and bjet 3
p = 4.04356e-06
Number of Events
0
10
20
30
40
50
60
0
200
400
600
800
1000
1200
1400
1600
1800
2000
-10
0
10
20
30
40
0
200
400
600
800
1000
1200
1400
1600
1800
2000



(Met>50, Meff>300) lb inv mass with lep 1 and bjet 4
p = 0.00122112
Number of Events
0
10
20
30
40
50
60
70
80
90
0
200
400
600
800
1000
1200
1400
1600
1800
2000


(Met>50, Meff>300) lb inv mass with lep 2 and bjet 0
p = 2.66646e-14
Number of Events
0
20
40
60
80
100
120
140
0
200
400
600
800
1000
1200
1400
1600
1800
2000
-10
0
10
20
30
40
50
60
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 = 1.71781e-08
Number of Events
0
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50
60
70
80
90
0
200
400
600
800
1000
1200
1400
1600
1800
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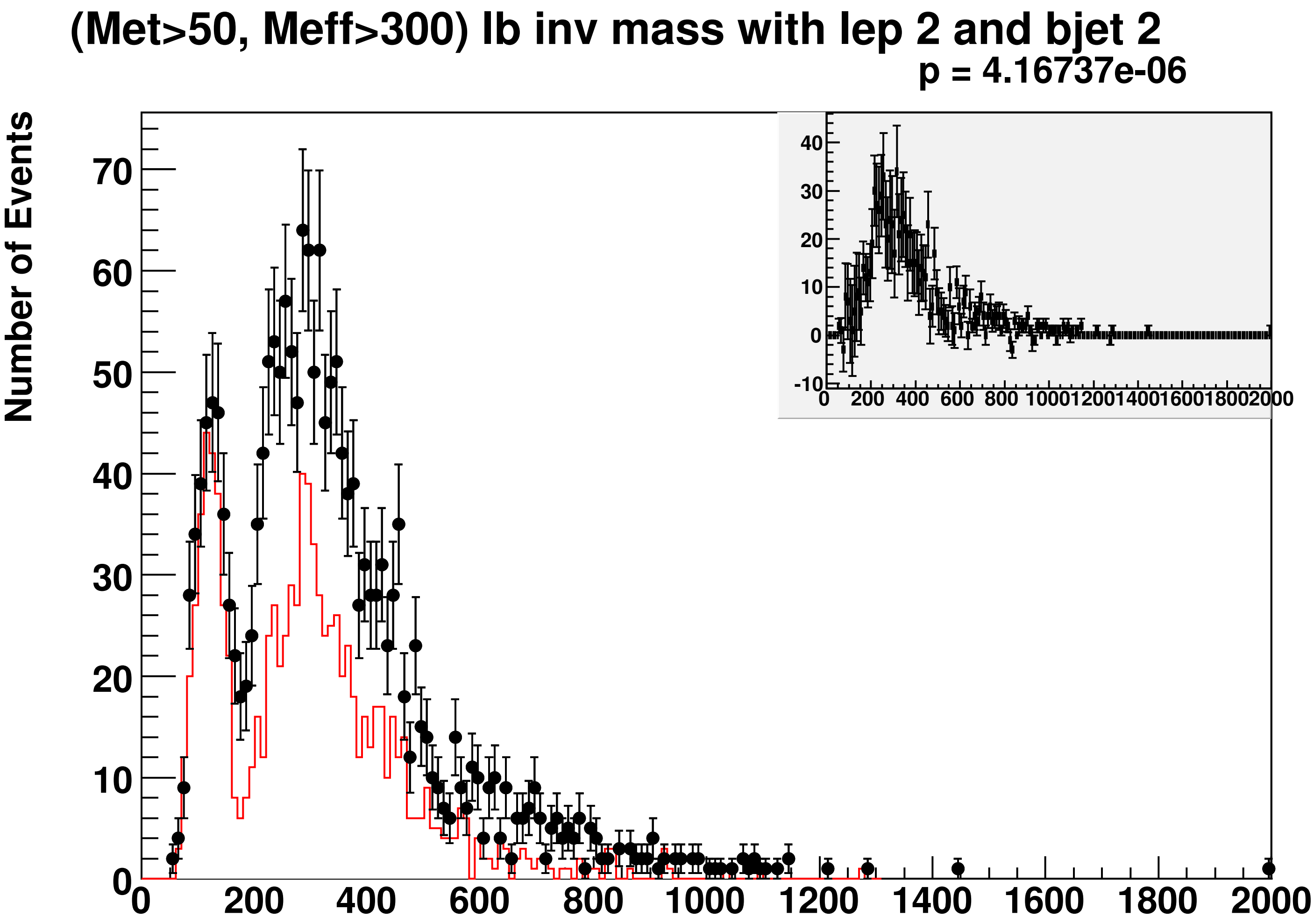

(Met>50, Meff>300) lb inv mass with lep 2 and bjet 2
p = 4.16737e-06
Number of Events
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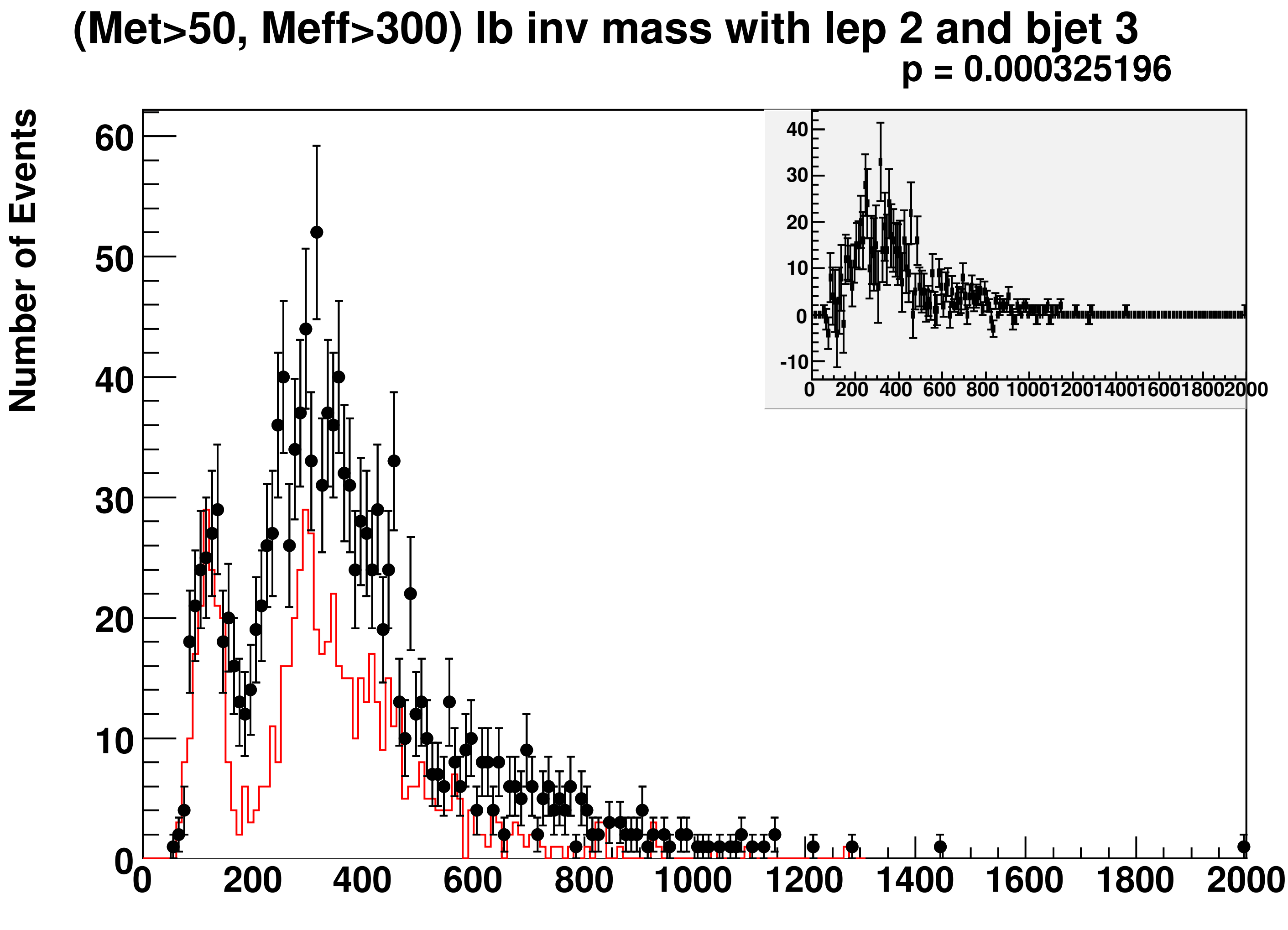
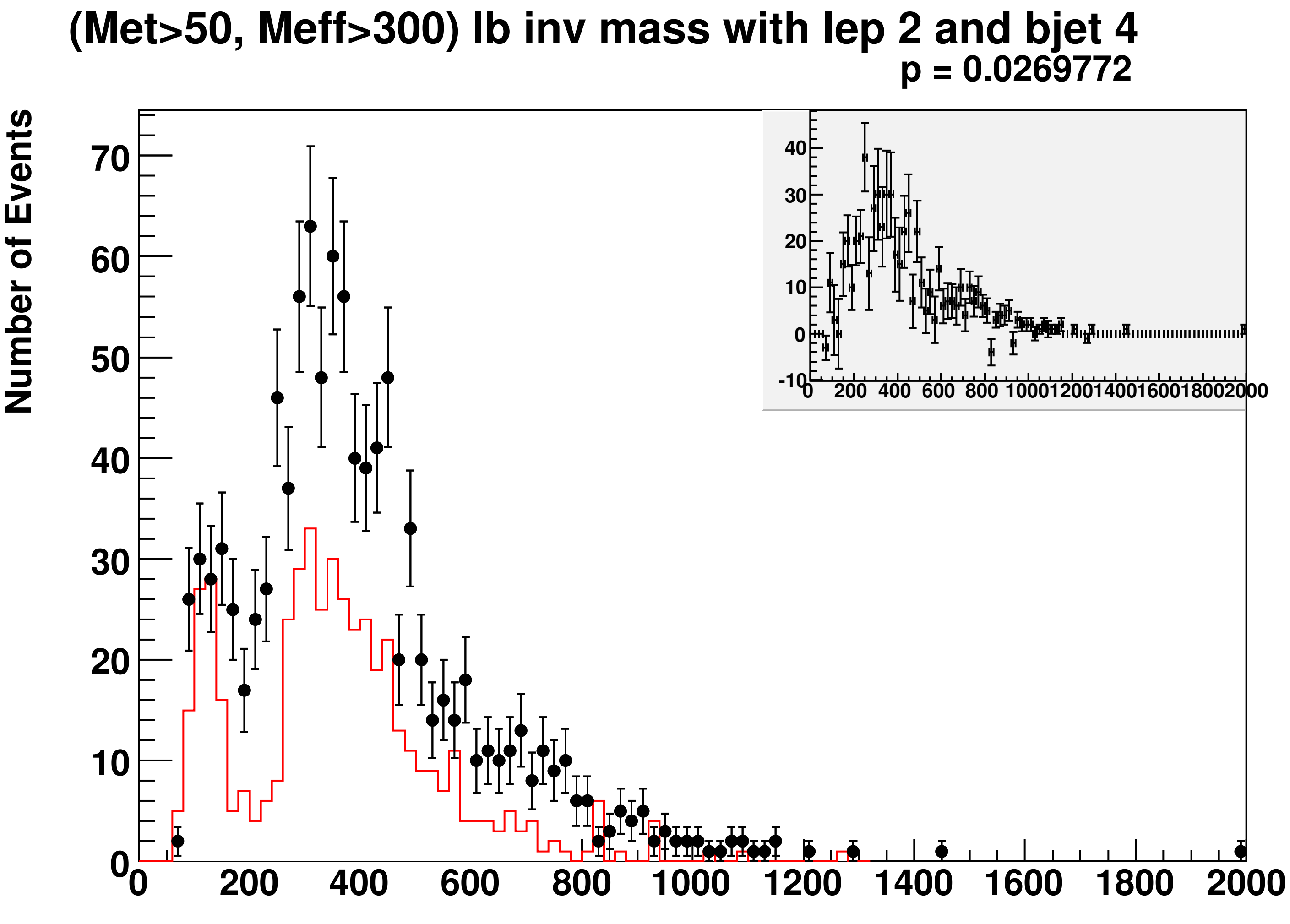
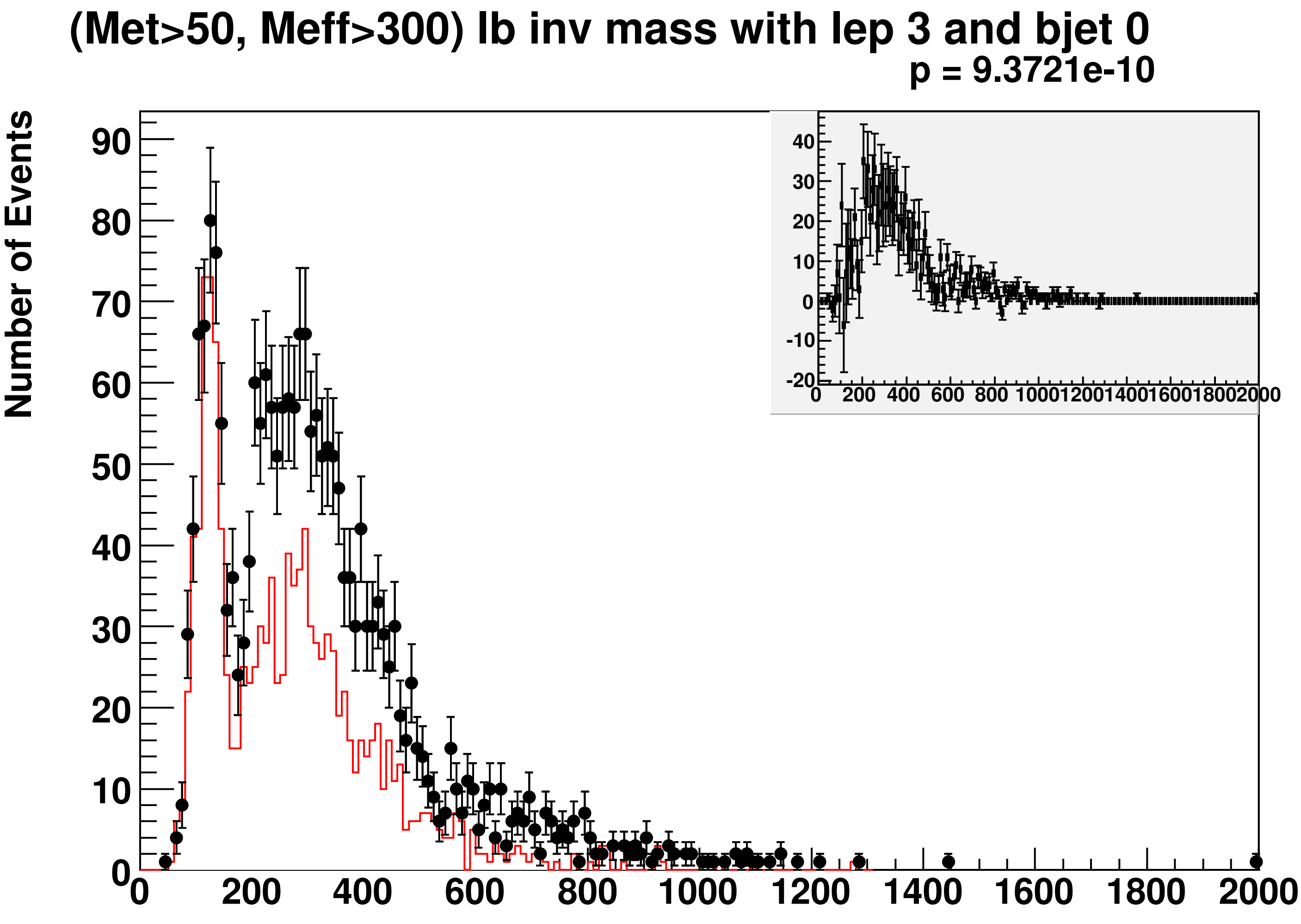
10
20
30
40
50
60
70
0
200
400
600
800
1000
1200
1400
1600
1800
2000


(Met>50, Meff>300) lb inv mass with lep 2 and bjet 3
p = 0.000325196
Number of Events
0
10
20
30
40
50
60
0
200
400
600
800
1000
1200
1400
1600
1800
2000
-10
0
10
20
30
40
0
200
400
600
800
1000
1200
1400
1600
1800
2000



(Met>50, Meff>300) lb inv mass with lep 2 and bjet 4
p = 0.0269772
Number of Events
0
10
20
30
40
50
60
70
0
200
400
600
800
1000
1200
1400
1600
1800
2000



(Met>50, Meff>300) lb inv mass with lep 3 and bjet 0
p = 9.3721e-10
Number of Events
0
10
20
30
40
50
60
70
80
90
0
200
400
600
800
1000
1200
1400
1600
1800
2000
-20
-10
0
10
20
30
40
0
200
400
600
800
1000
1200
1400
1600
1800
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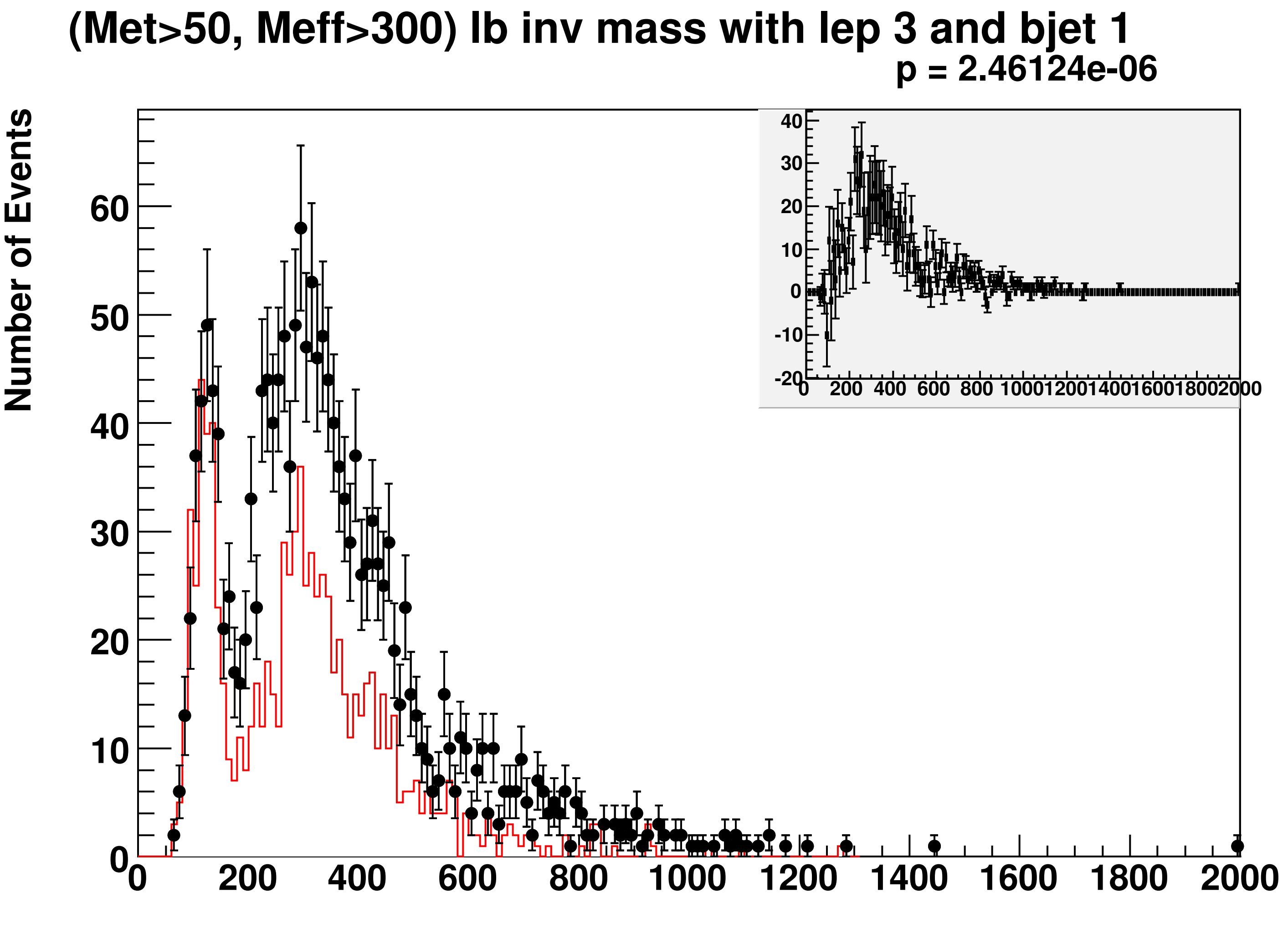

(Met>50, Meff>300) lb inv mass with lep 3 and bjet 1
p = 2.46124e-06
Number of Events
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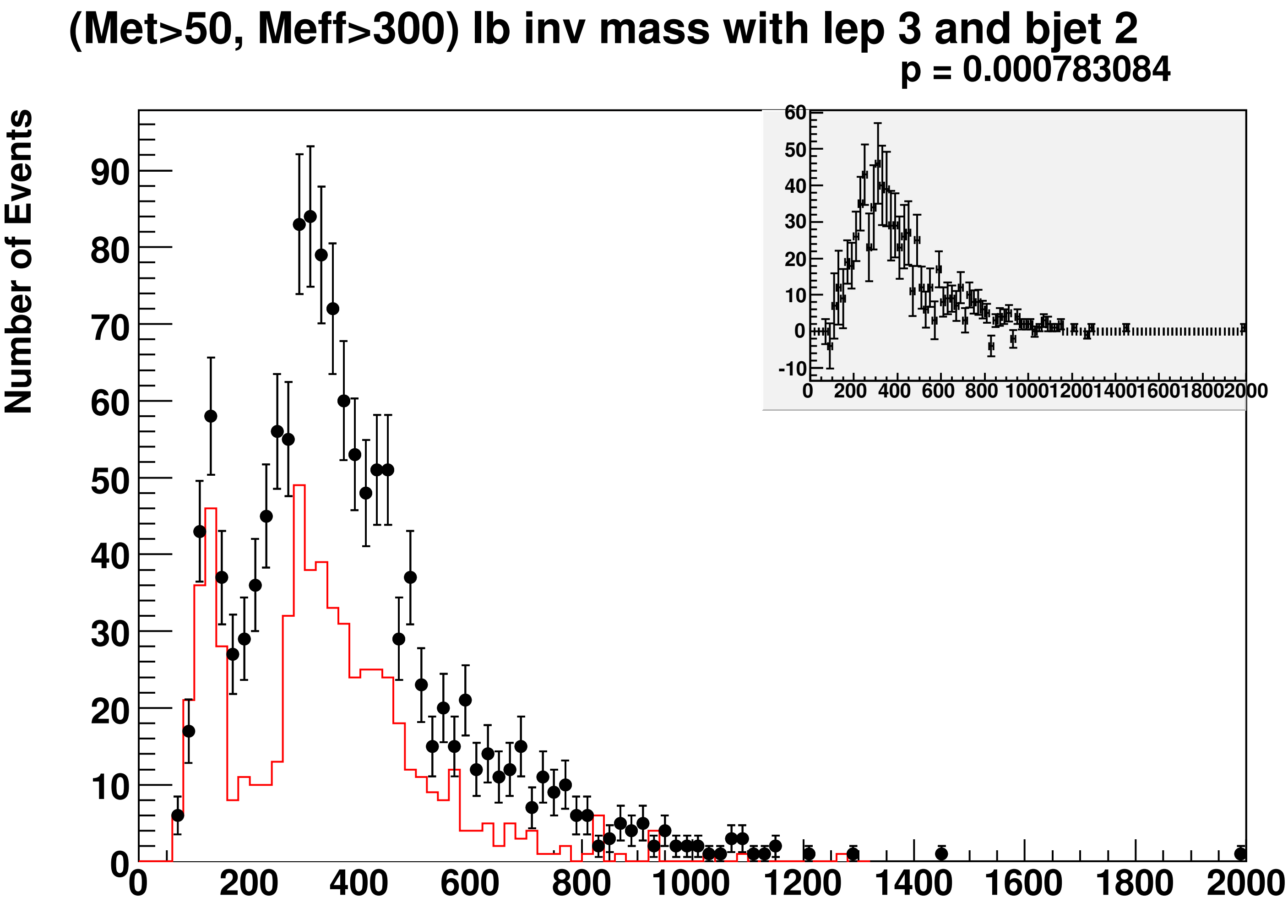
30
40
50
60
0
200
400
600
800
1000
1200
1400
1600
1800
2000



(Met>50, Meff>300) lb inv mass with lep 3 and bjet 2
p = 0.000783084
Number of Events
0
10
20
30
40
50
60
70
80
90
0
200
400
600
800
1000
1200
1400
1600
1800
2000
-10
0
10
20
30
40
50
60
0
200
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600
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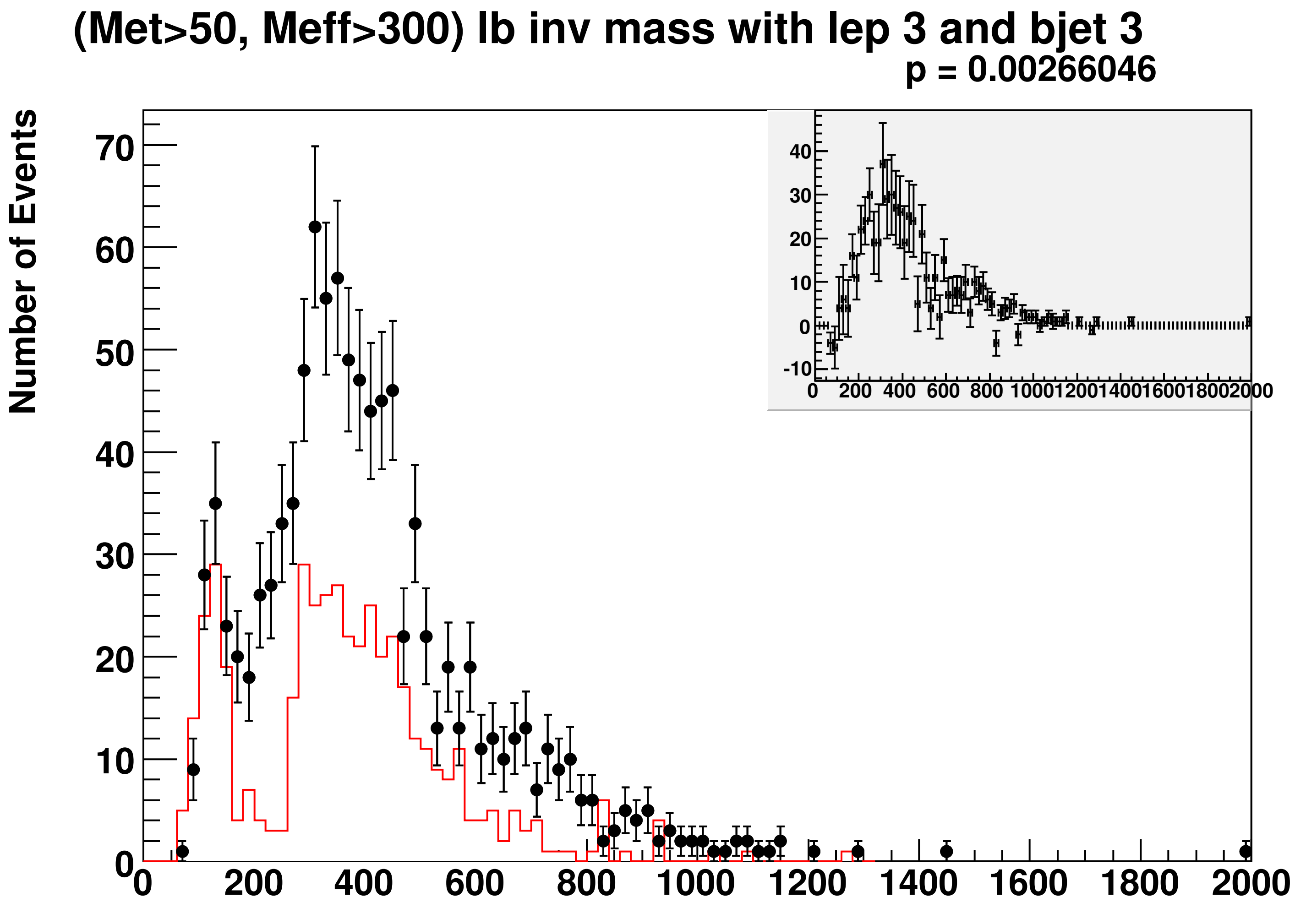

(Met>50, Meff>300) lb inv mass with lep 3 and bjet 3
p = 0.00266046
Number of Events
0
10
20
30
40
50
60
70
0
200
400
600
800
1000
1200
1400
1600
1800
2000
-10
0
10
20
30
40
0
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600
800
1000
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1400
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1800
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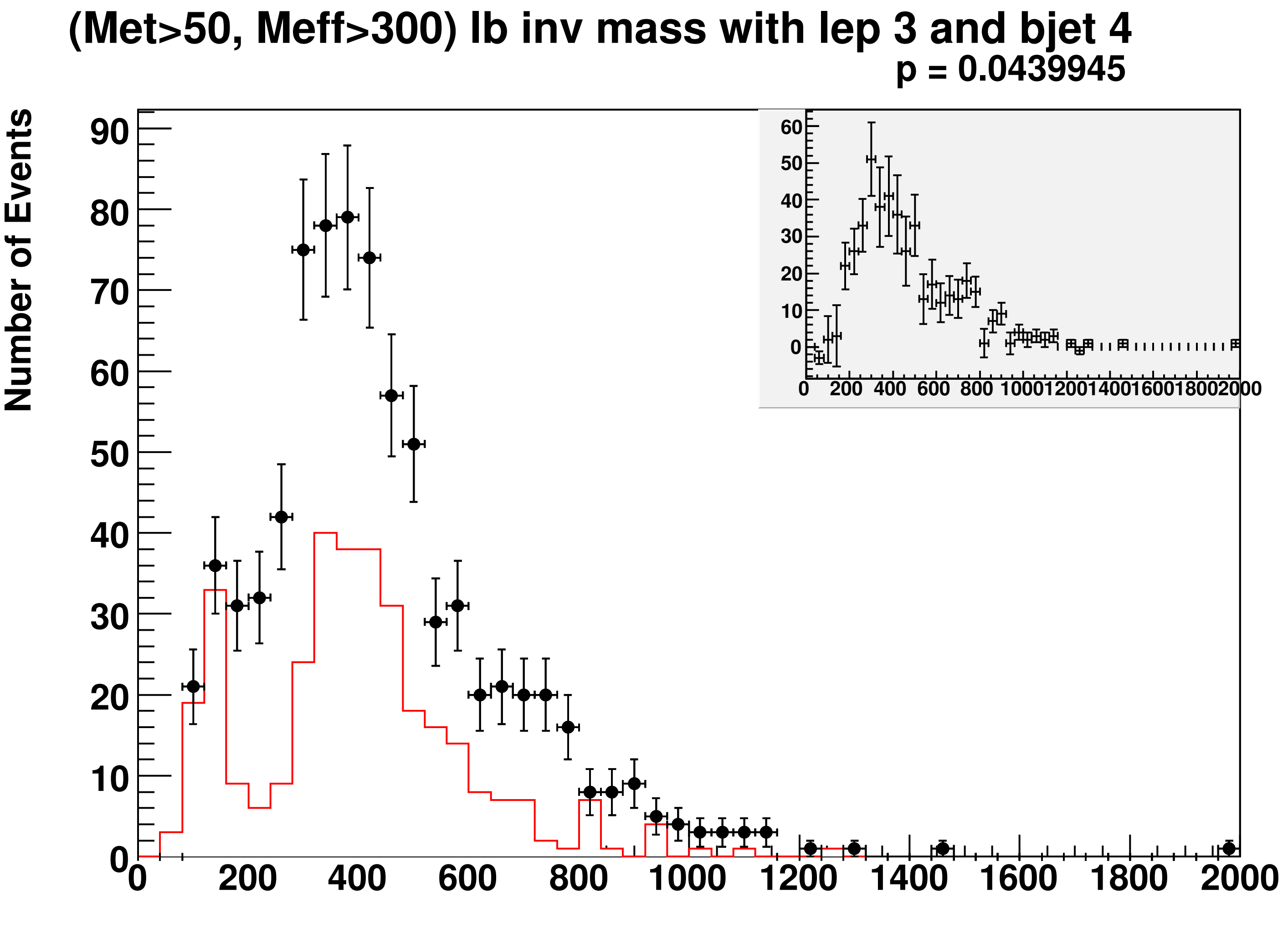
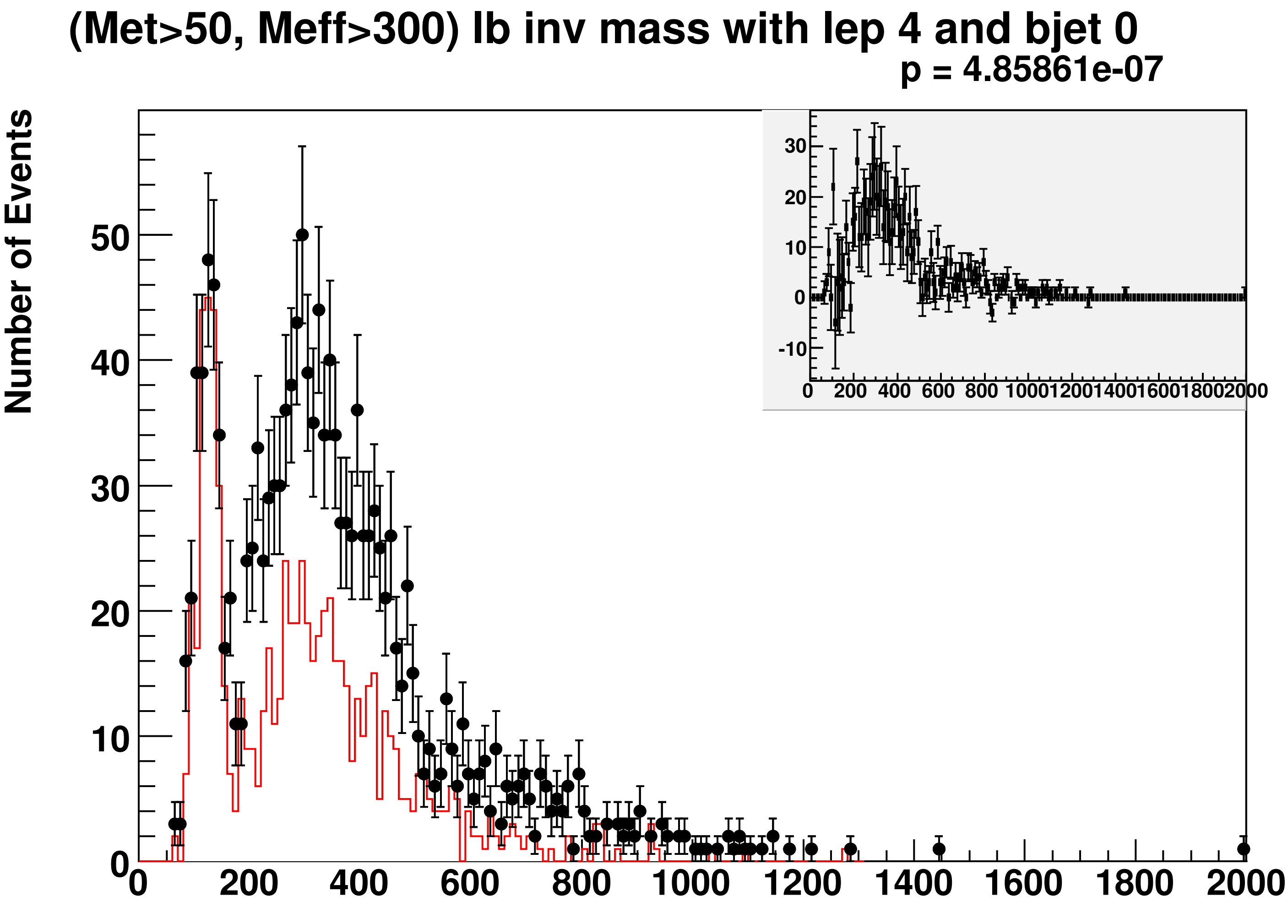

(Met>50, Meff>300) lb inv mass with lep 3 and bjet 4
p = 0.0439945
Number of Events


(Met>50, Meff>300) lb inv mass with lep 4 and bjet 0
p = 4.85861e-07
Number of Events
0
10
20
30
40
50
0
200
400
600
800
1000
1200
1400
1600
1800
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-10
0
10
20
30
0
200
400
600
800
1000
1200
1400
1600
1800
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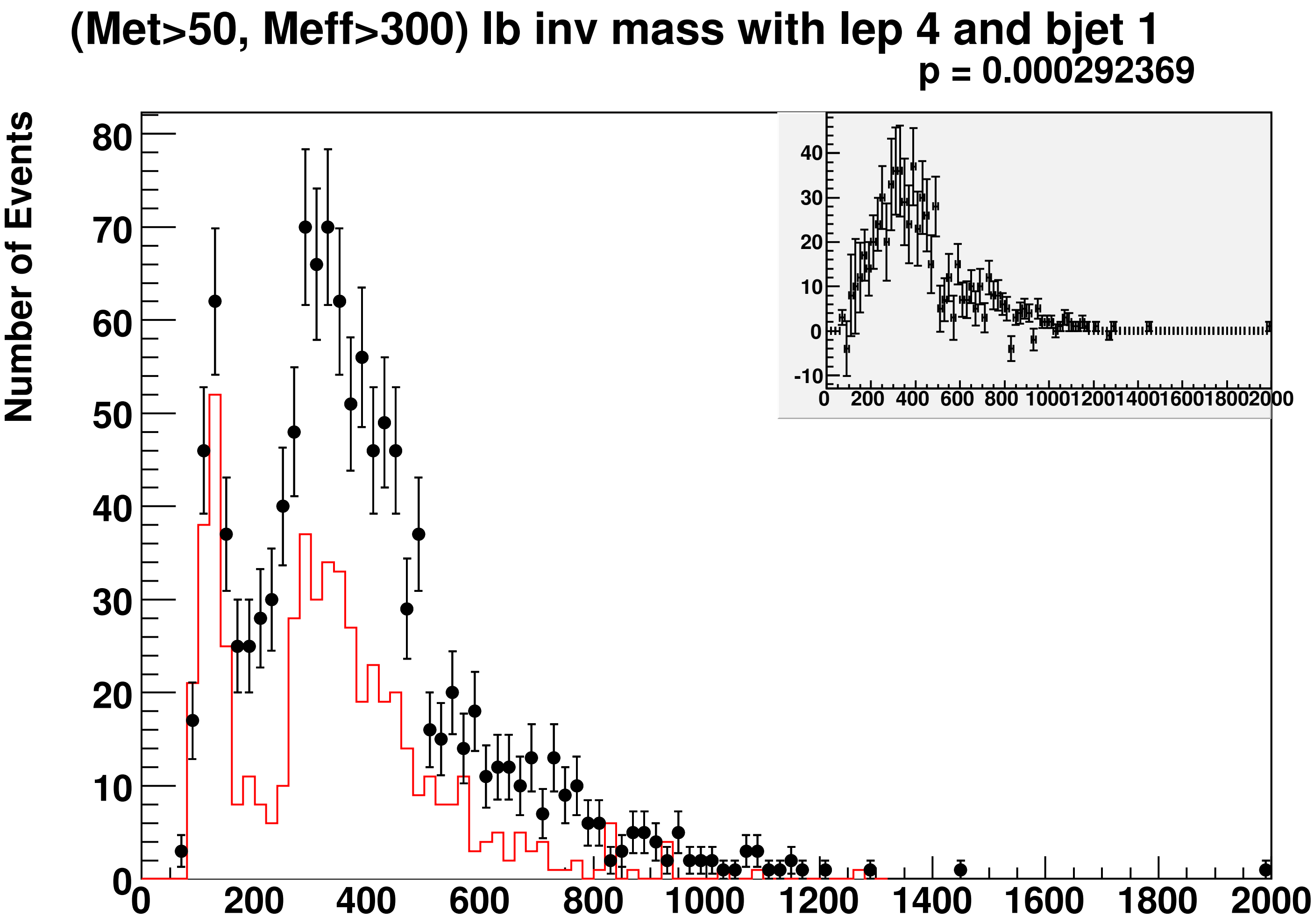

(Met>50, Meff>300) lb inv mass with lep 4 and bjet 1
p = 0.000292369
Number of Events
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10
20
30
40
50
60
70
80
0
200
400
600
800
1000
1200
1400
1600
1800
2000
-10
0
10
20
30
40
0
200
400
600
800
1000
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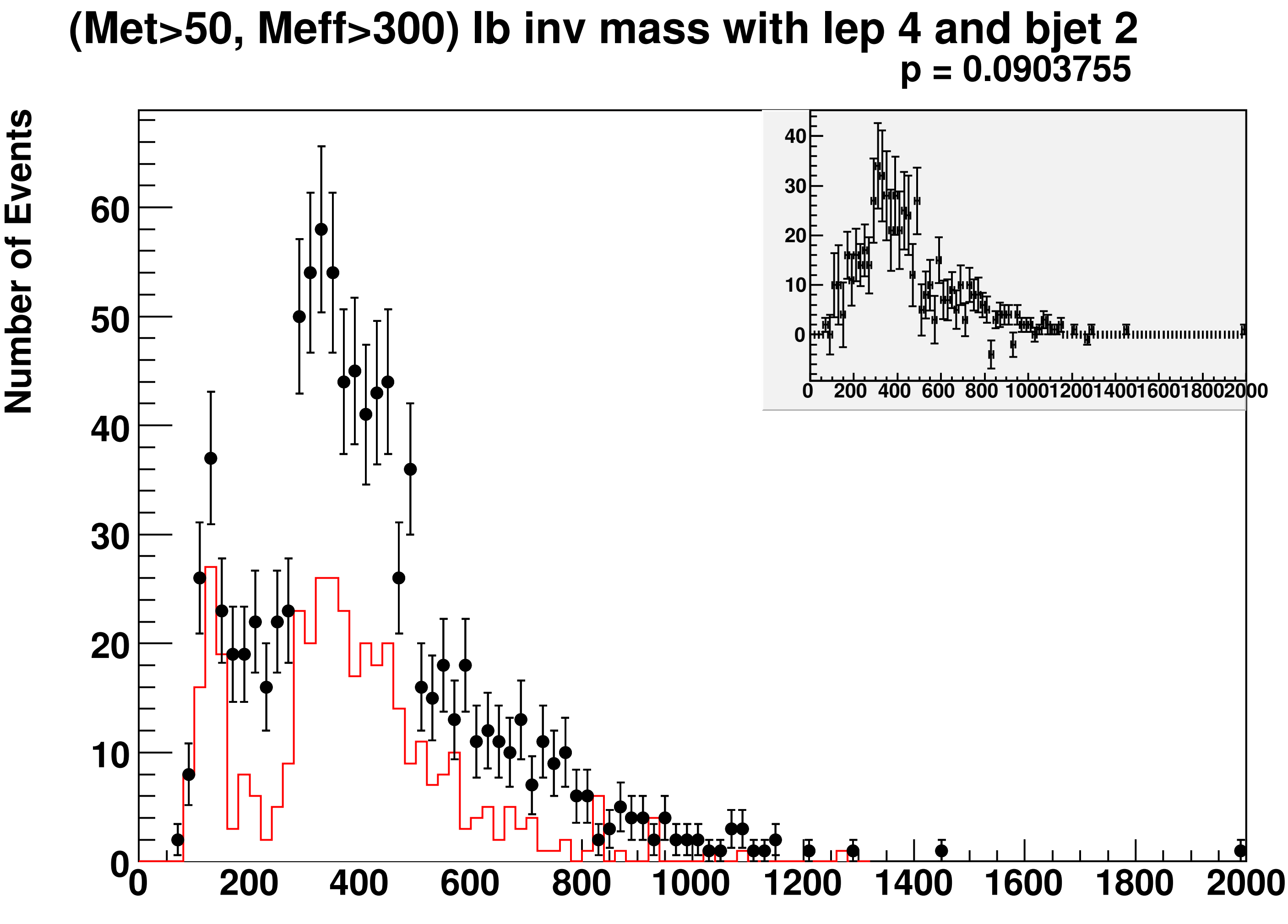

(Met>50, Meff>300) lb inv mass with lep 4 and bjet 2
p = 0.0903755
Number of Events
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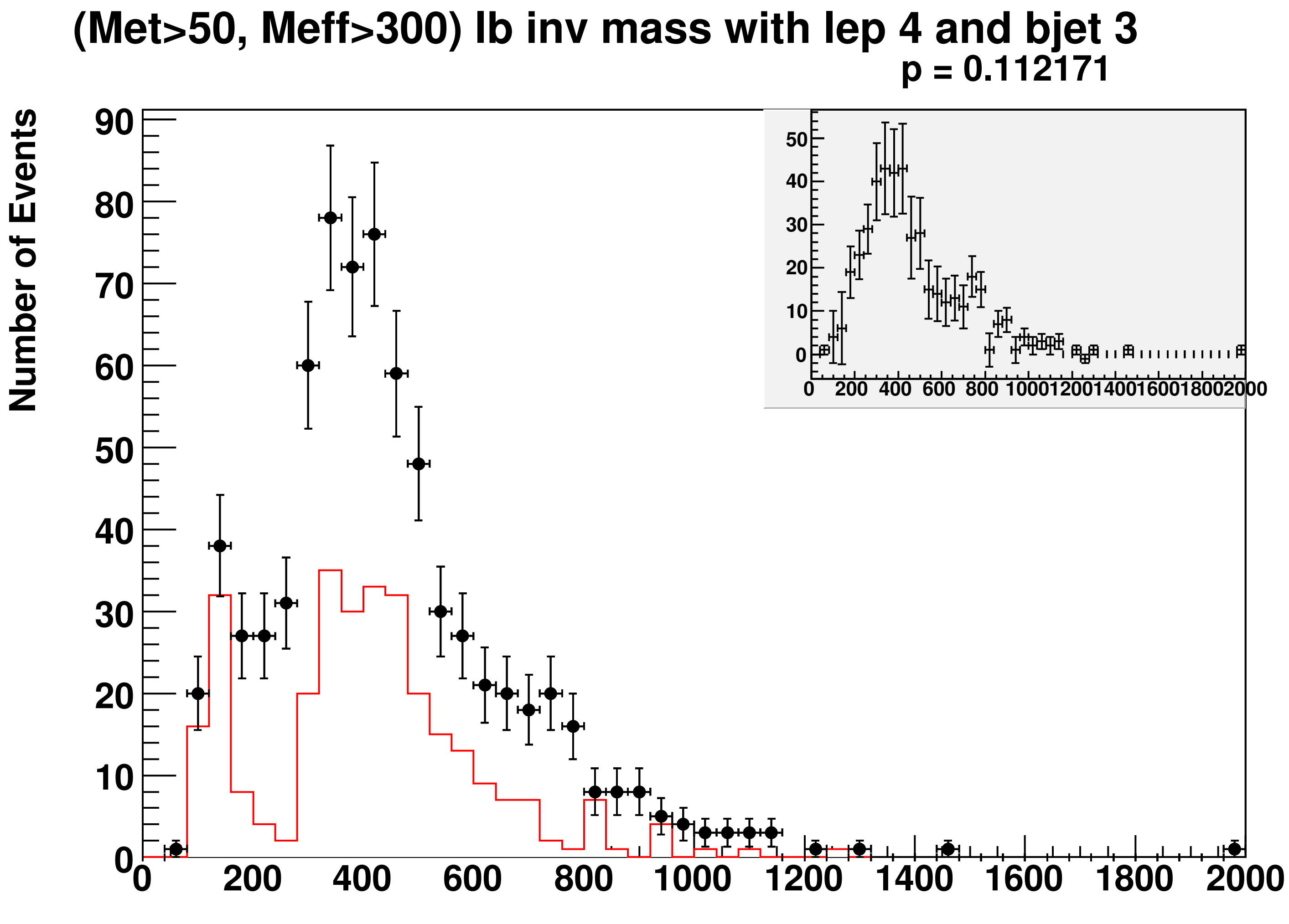
30
40
50
60
0
200
400
600
800
1000
1200
1400
1600
1800
2000


(Met>50, Meff>300) lb inv mass with lep 4 and bjet 3
p = 0.112171
Number of Events
0
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20
30
40
50
60
70
80
90
0
200
400
600
800
1000
1200
1400
1600
1800
2000
0
10
20
30
40
50
0
200
400
600
800
1000
1200
1400
1600
1800
2000

(Met>50, Meff>300) lb inv mass with lep 4 and bjet 4

p = 0.252331