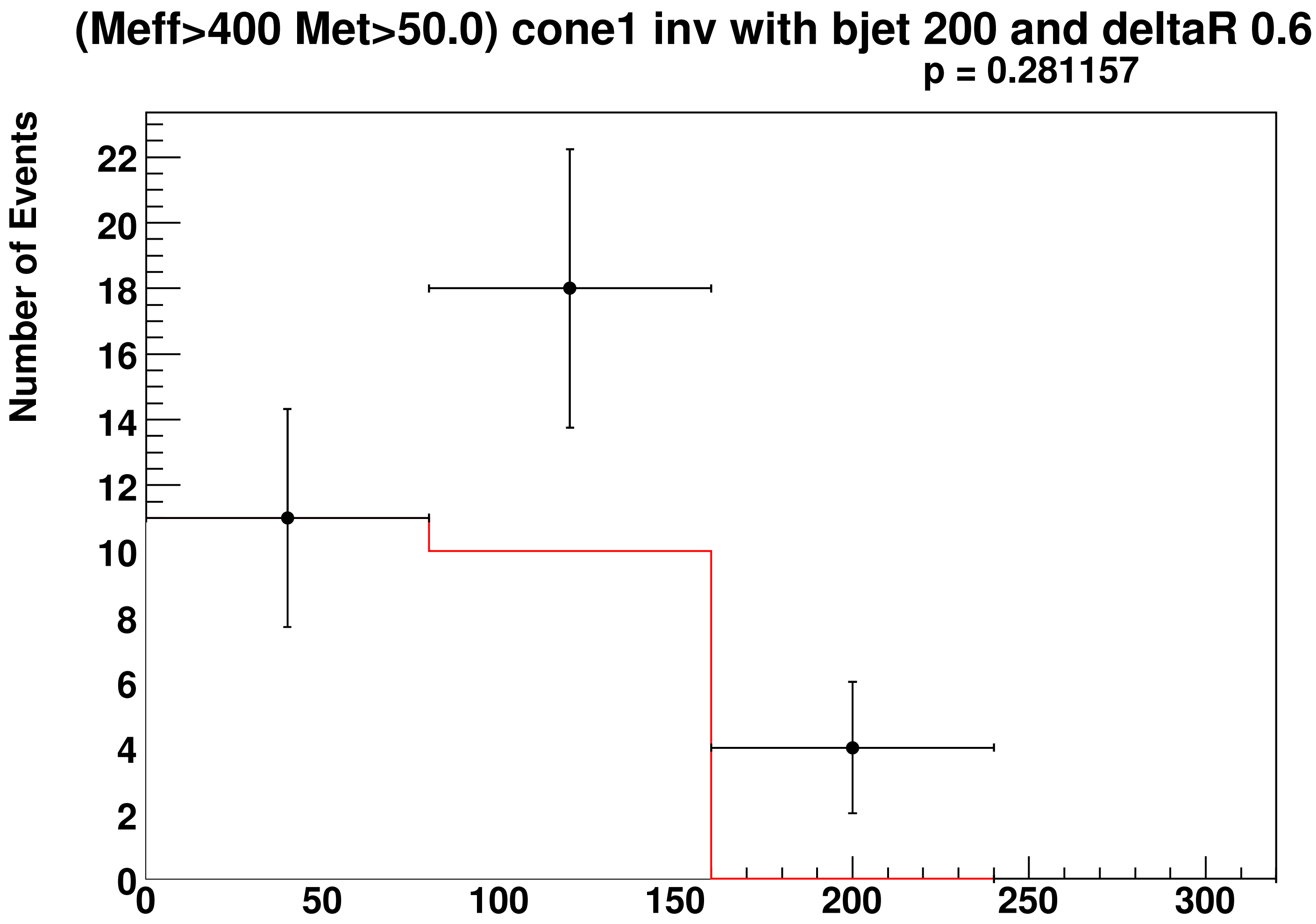
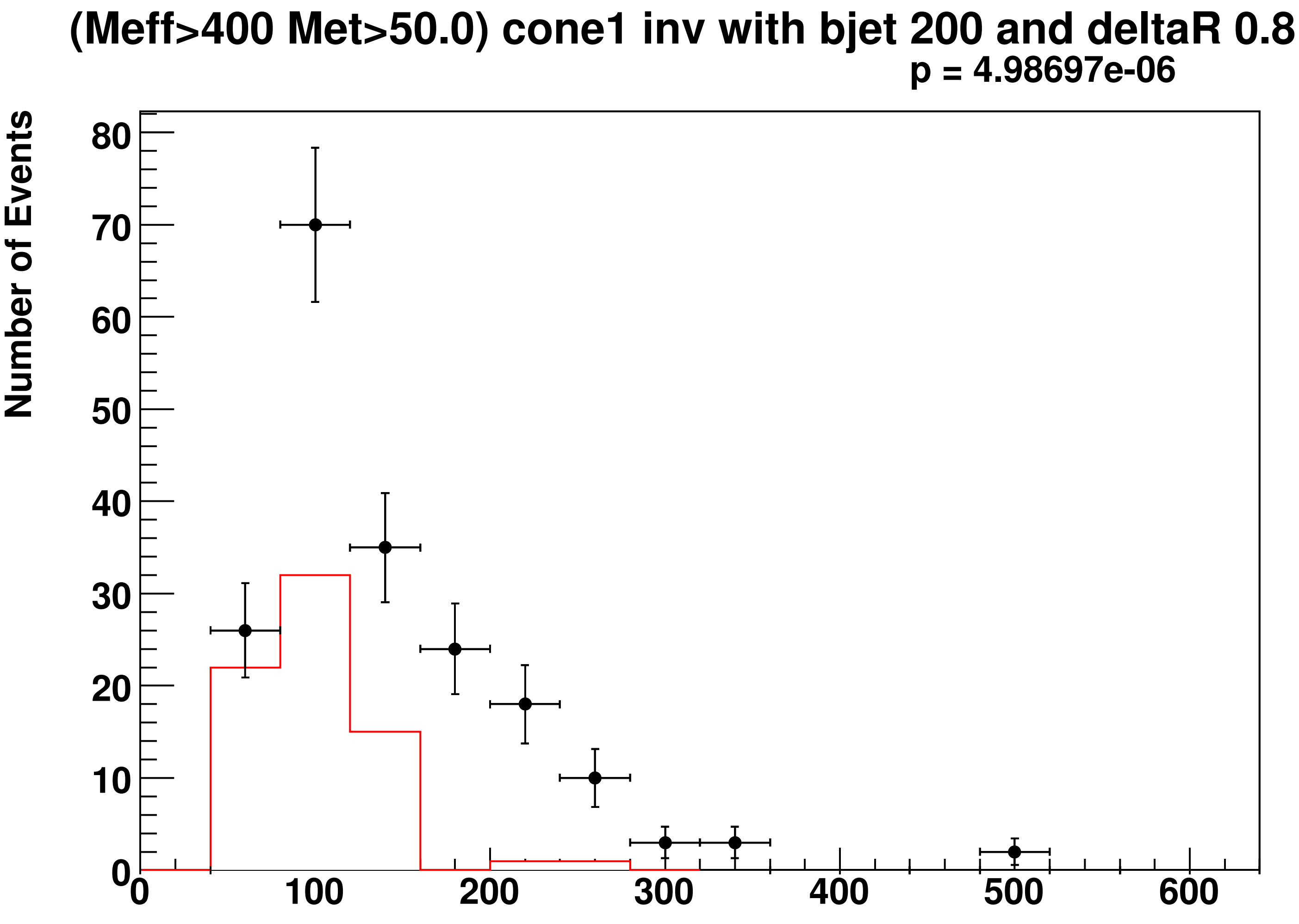
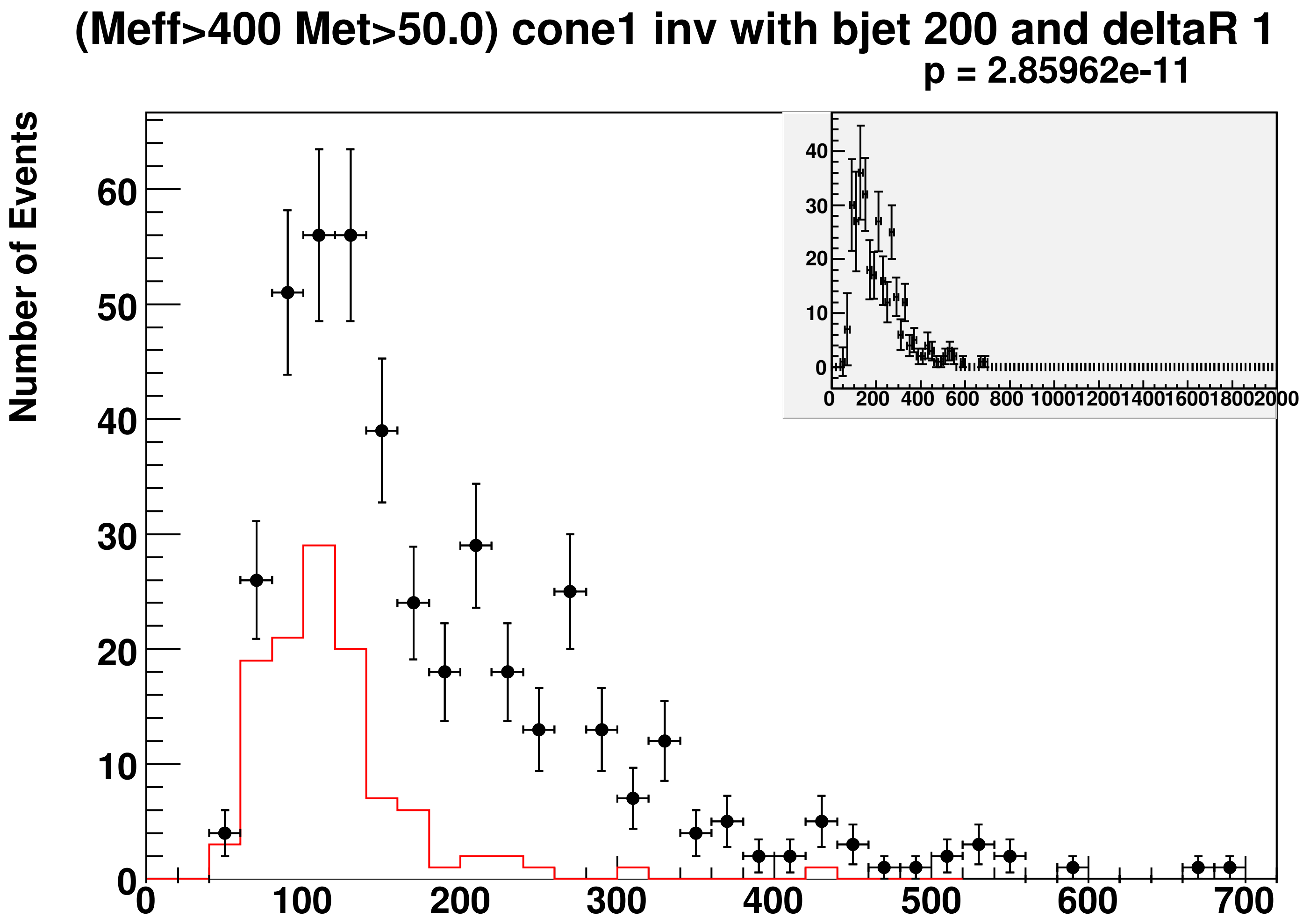


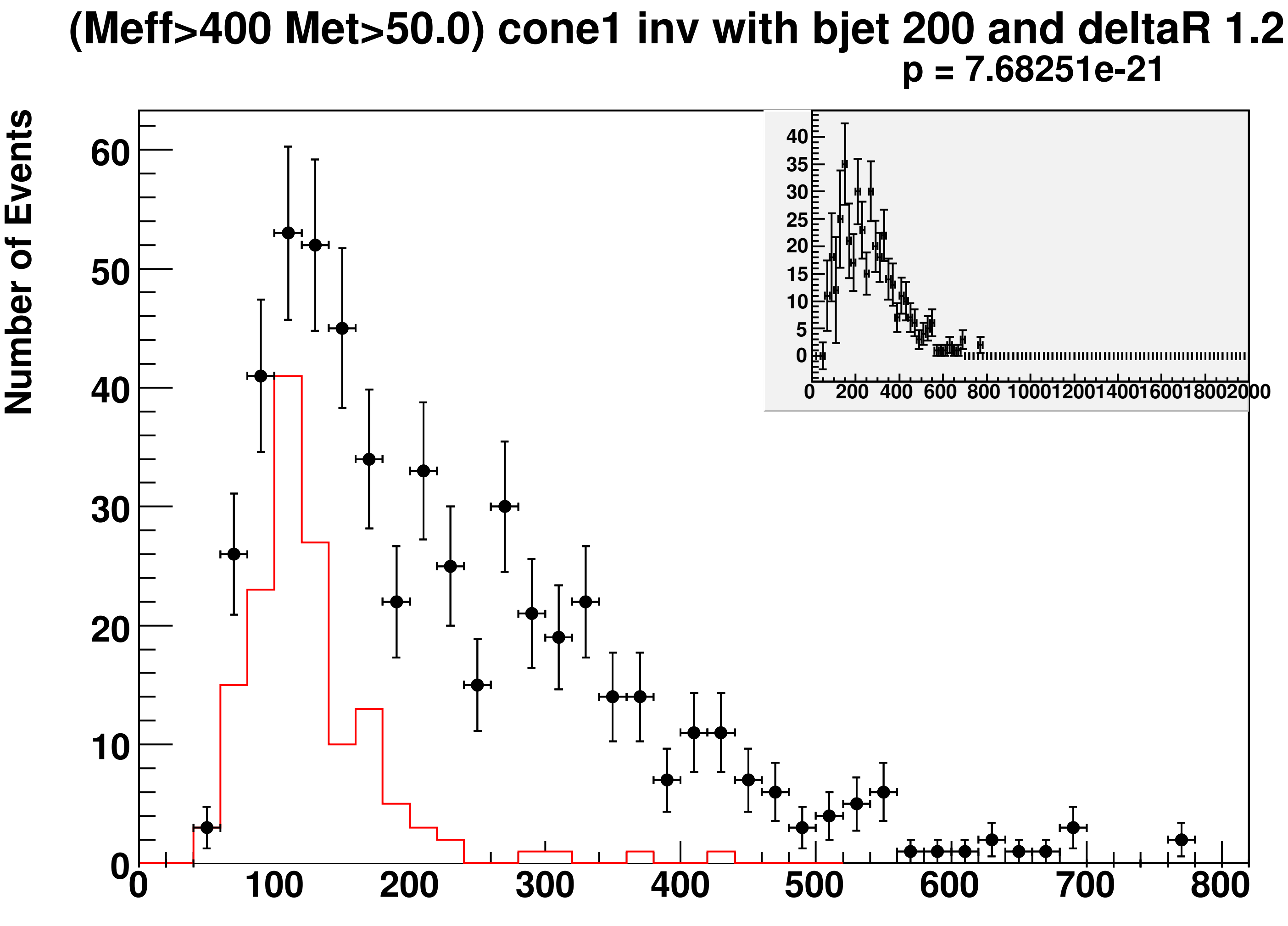
(Meff>400 Met>50.0) cone1 inv with bjet 200 and deltaR 0.6
p = 0.281157
Number of Events
0
2
4
6
8
10
12
14
16
18
20
22
0
50
100
150
200
250
300



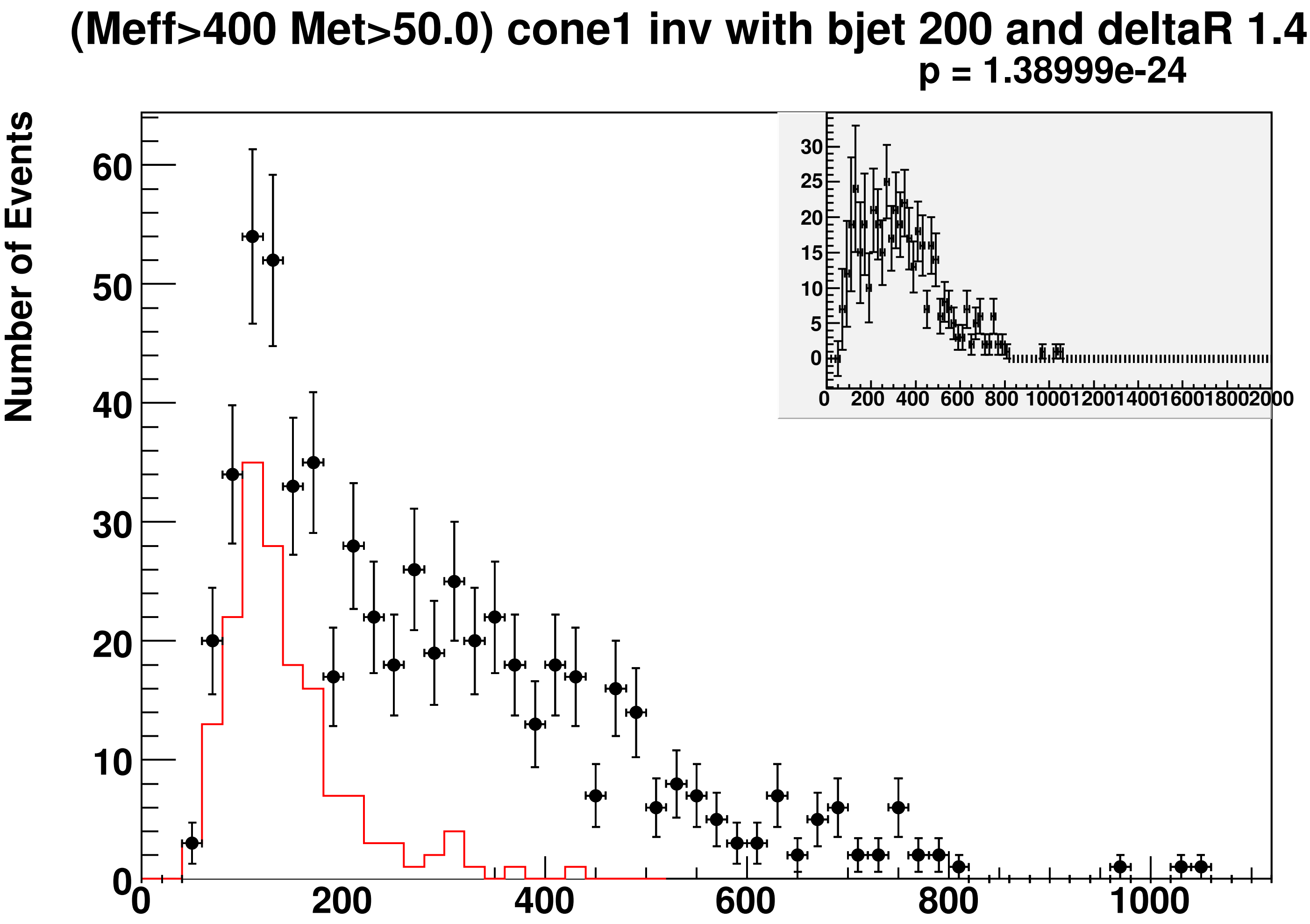
(Meff>400 Met>50.0) cone1 inv with bjet 200 and deltaR 0.8
p = 4.98697e-06
Number of Events
0
10
20
30
40
50
60
70
80
0
100
200
300
400
500
600



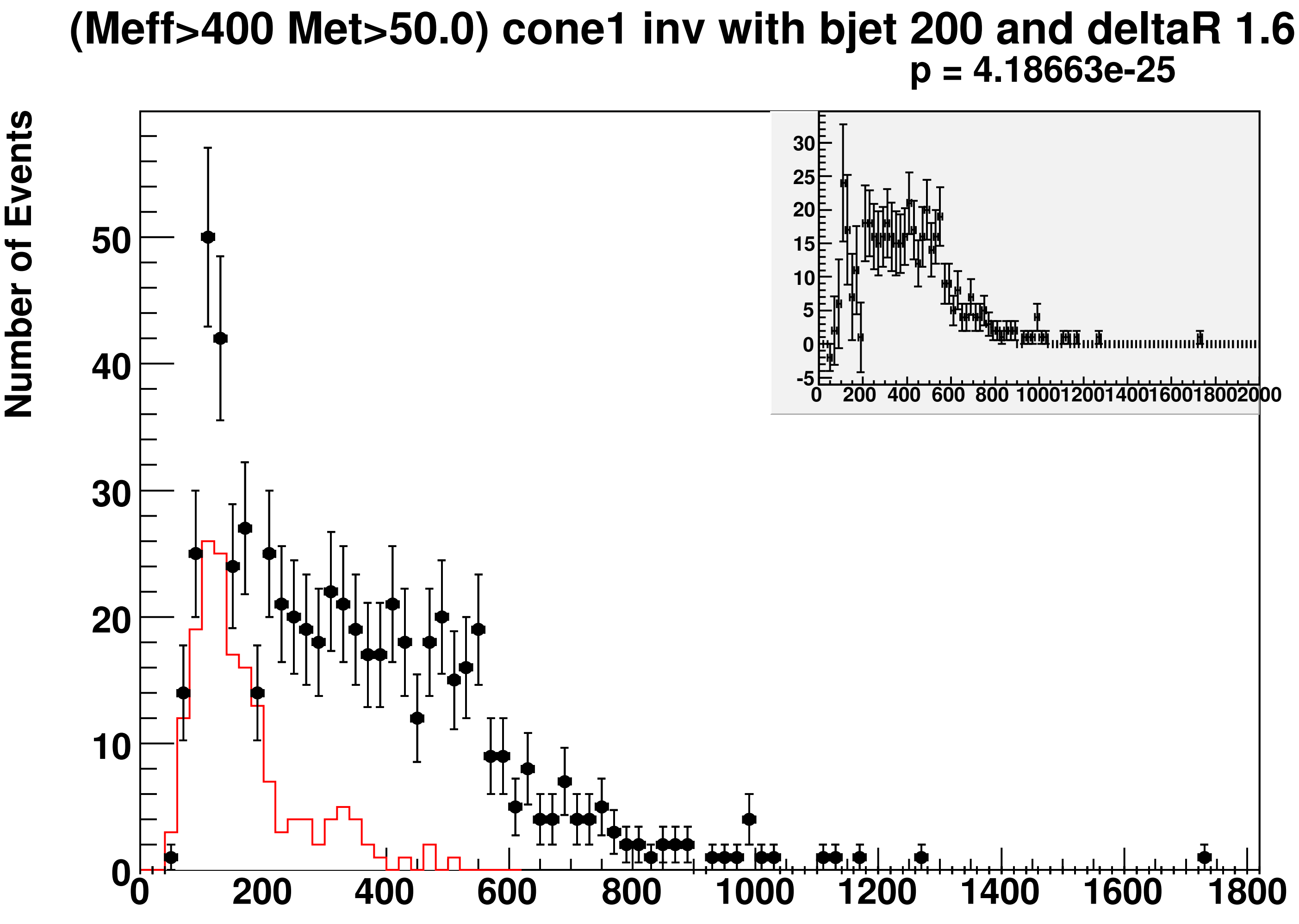
(Meff>400 Met>50.0) cone1 inv with bjet 200 and deltaR 1
p = 2.85962e-11
Number of Events
0
10
20
30
40
50
60
0
100
200
300
400
500
600
700
0
10
20
30
40
0
200
400
600
800
1000
1200
1400
1600
1800
2000



(Meff>400 Met>50.0) cone1 inv with bjet 200 and deltaR 1.2
p = 7.68251e-21
Number of Events
0
10
20
30
40
50
60
0
100
200
300
400
500
600
700
800
0
5
10
15
20
25
30
35
40
0
200
400
600
800
1000
1200
1400
1600
1800
2000

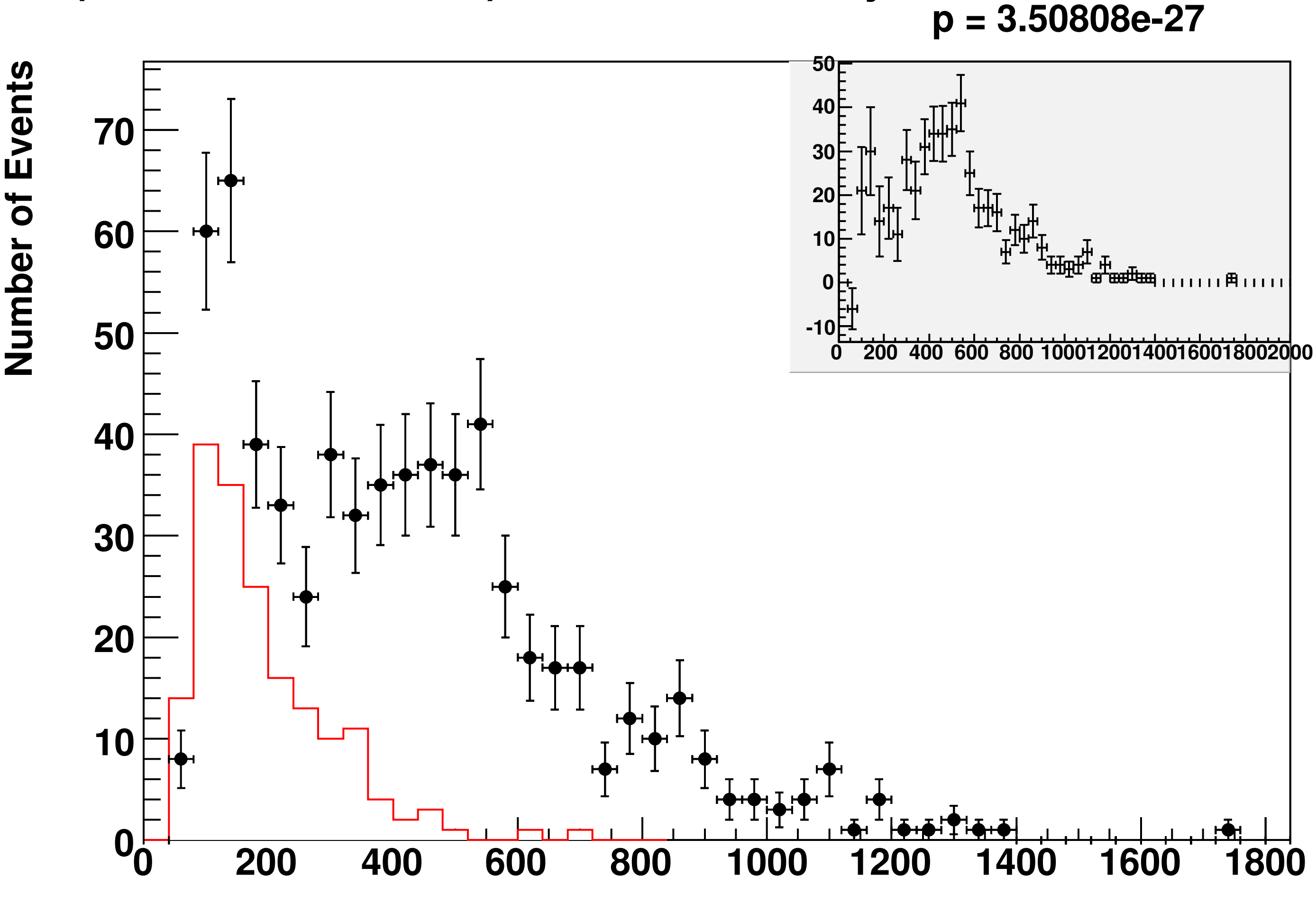


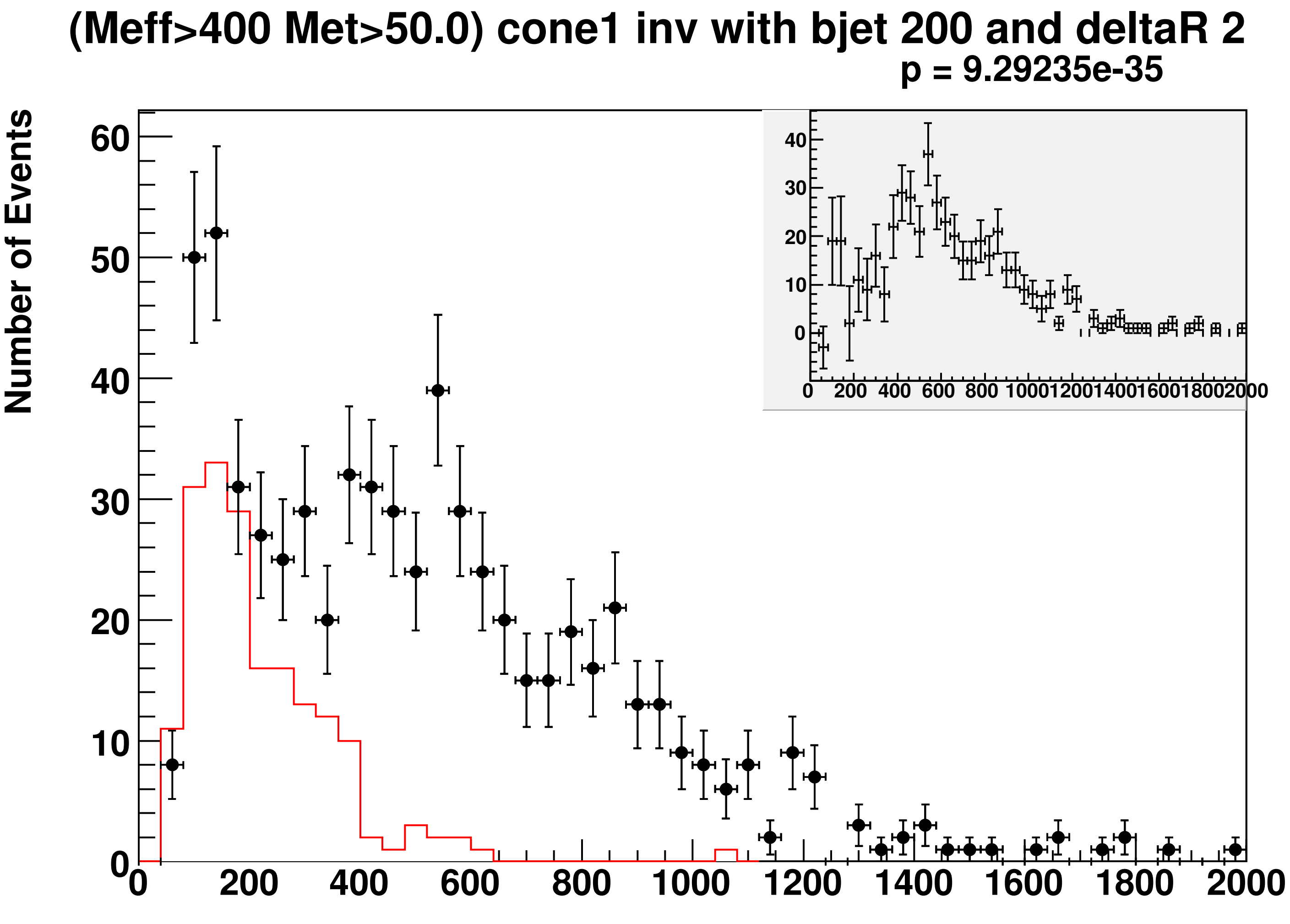
(Meff>400 Met>50.0) cone1 inv with bjet 200 and deltaR 1.4
p = 1.38999e-24
Number of Events
0
10
20
30
40
50
60
0
200
400
600
800
1000
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400
1600
1800
2000

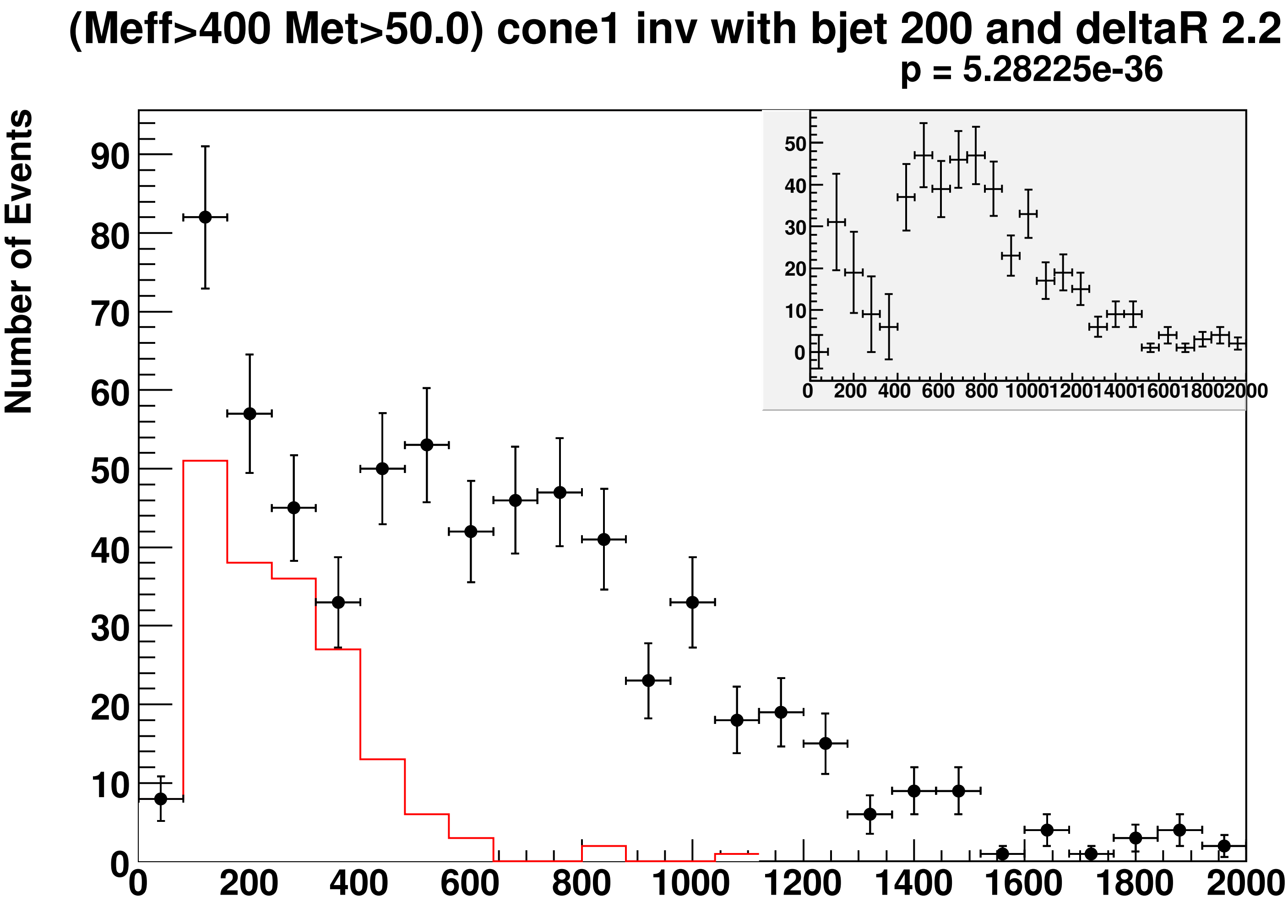


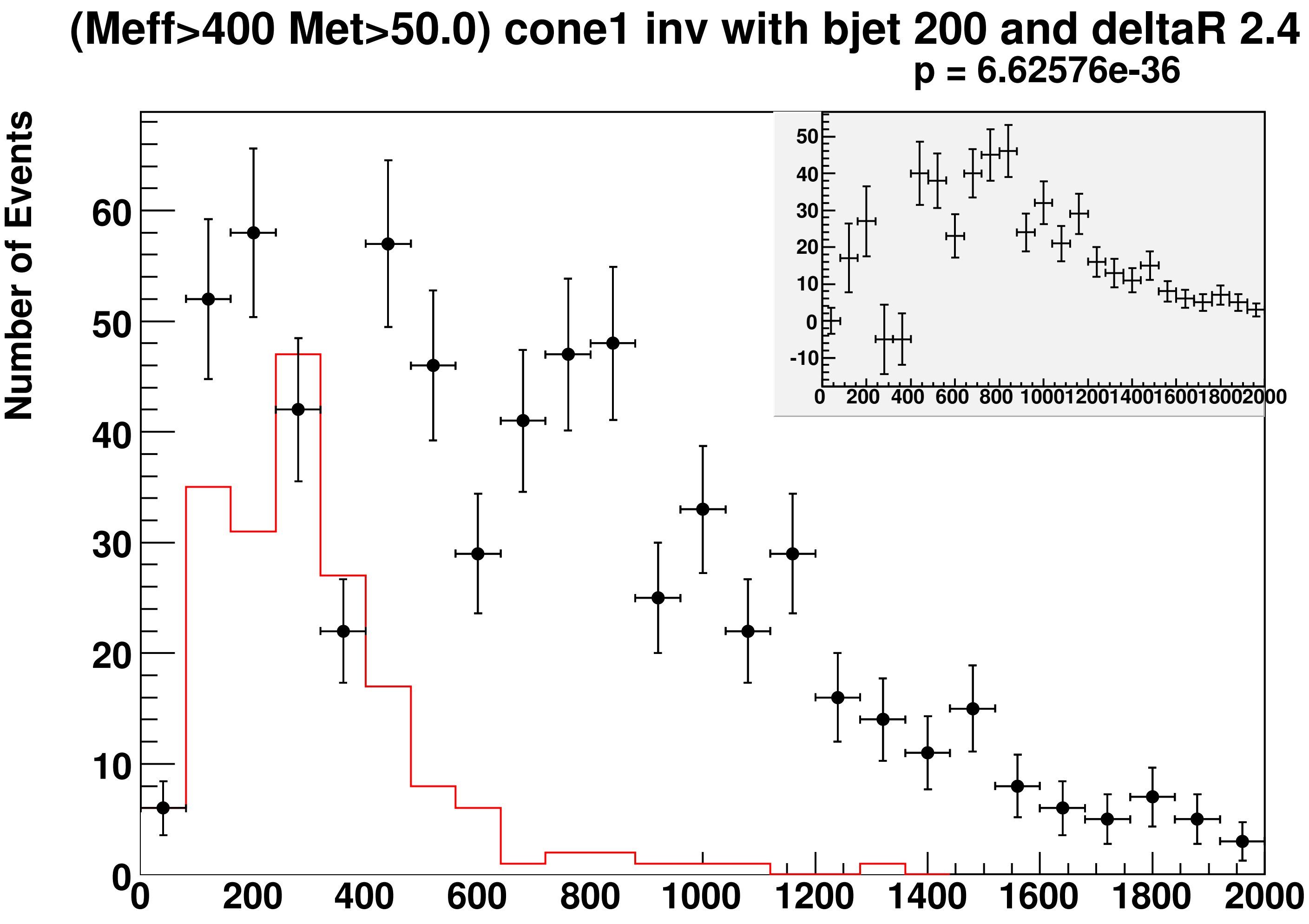
(Meff>400 Met>50.0) cone1 inv with bjet 200 and deltaR 1.6
p = 4.18663e-25
Number of Events
0
10
20
30
40
50
0
200
400
600
800
1000
1200
1400
1600
1800
-5
0
5
10
15
20
25
30
0
200
400
600
800
1000
1200
1400
1600
1800
2000

(Meff>400 Met>50.0) cone1 inv with bjet 200 and deltaR 1.8




(Meff>400 Met>50.0) cone1 inv with bjet 200 and deltaR 2
p = 9.29235e-35
Number of Events
0
10
20
30
40
50
60
0
200
400
600
800
1000
1200
1400
1600
1800
2000


(Meff>400 Met>50.0) cone1 inv with bjet 200 and deltaR 2.2
p = 5.28225e-36
Number of Events
0
10
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



(Meff>400 Met>50.0) cone1 inv with bjet 200 and deltaR 2.4
p = 6.62576e-36
Number of Events
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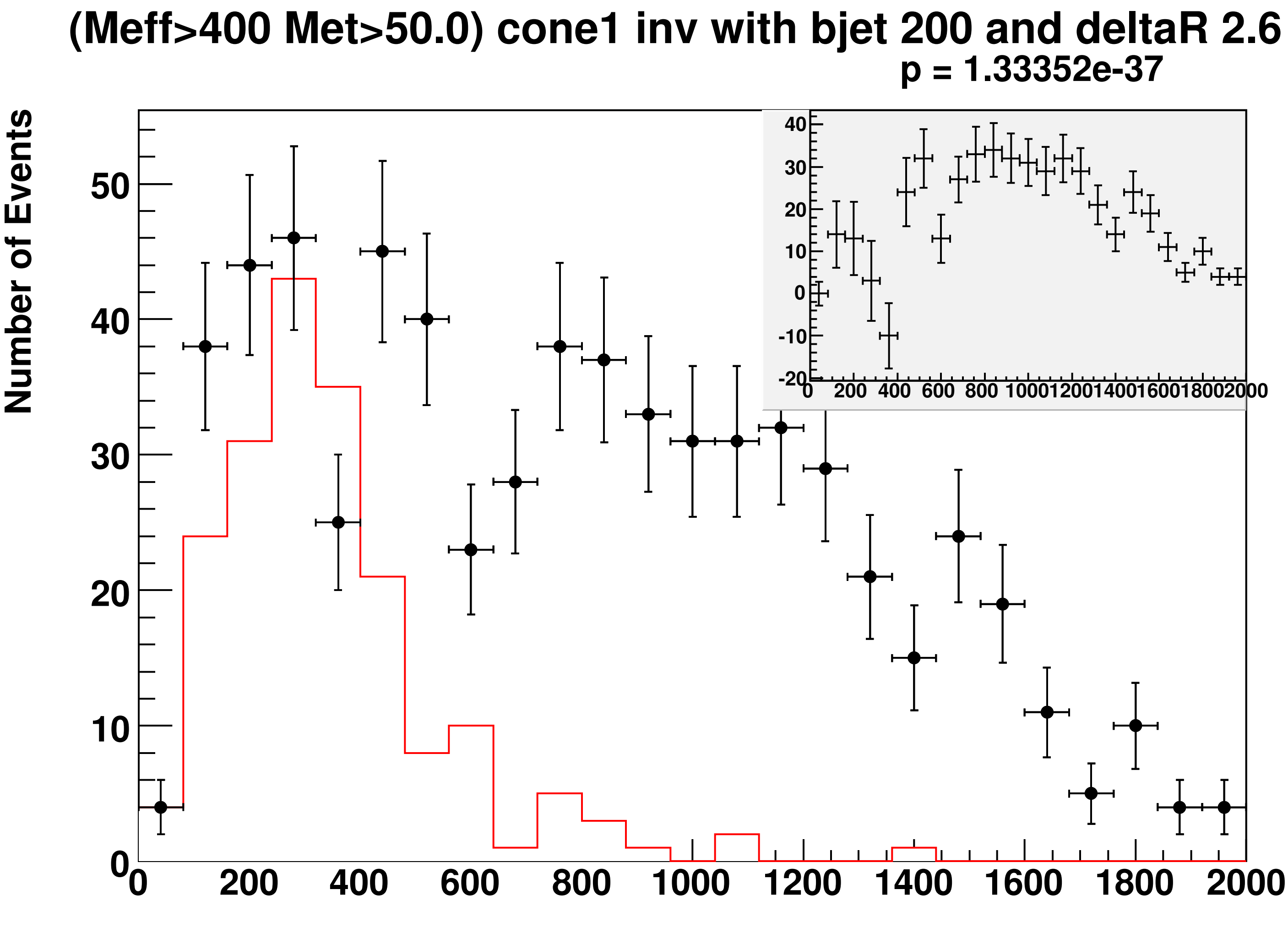
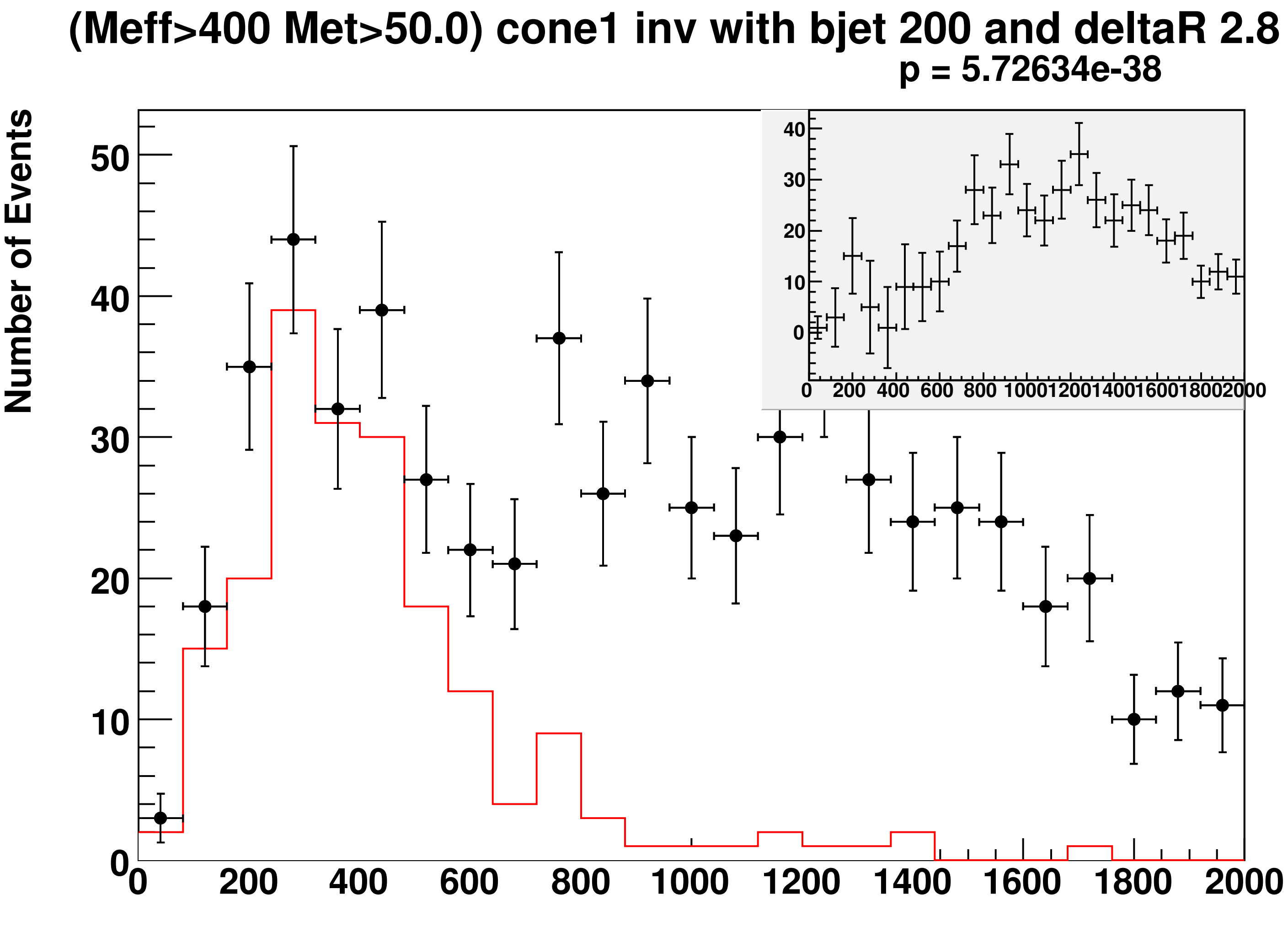
10
20
30
40
50
60
0
200
400
600
800
1000
1200
1400
1600
1800
2000


(Meff>400 Met>50.0) cone1 inv with bjet 200 and deltaR 2.6
p = 1.33352e-37
Number of Events
0
10
20
30
40
50
0
200
400
600
800
1000
1200
1400
1600
1800
2000
-20
-10
0
10
20
30
40



(Meff>400 Met>50.0) cone1 inv with bjet 200 and deltaR 2.8
p = 5.72634e-38
Number of Events
0
10
20
30
40
50
0
200
400
600
800
1000
1200
1400
1600
1800
2000