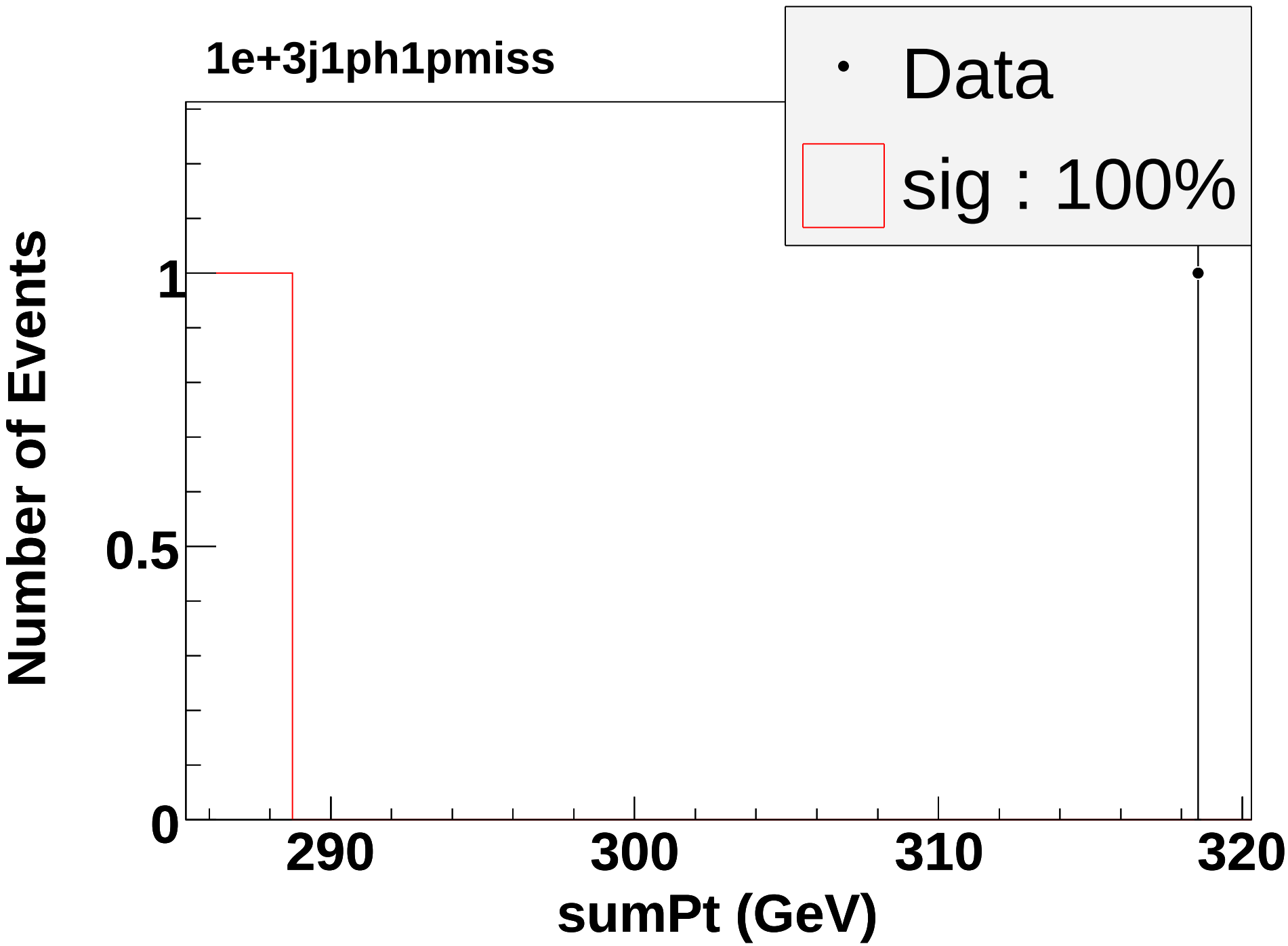
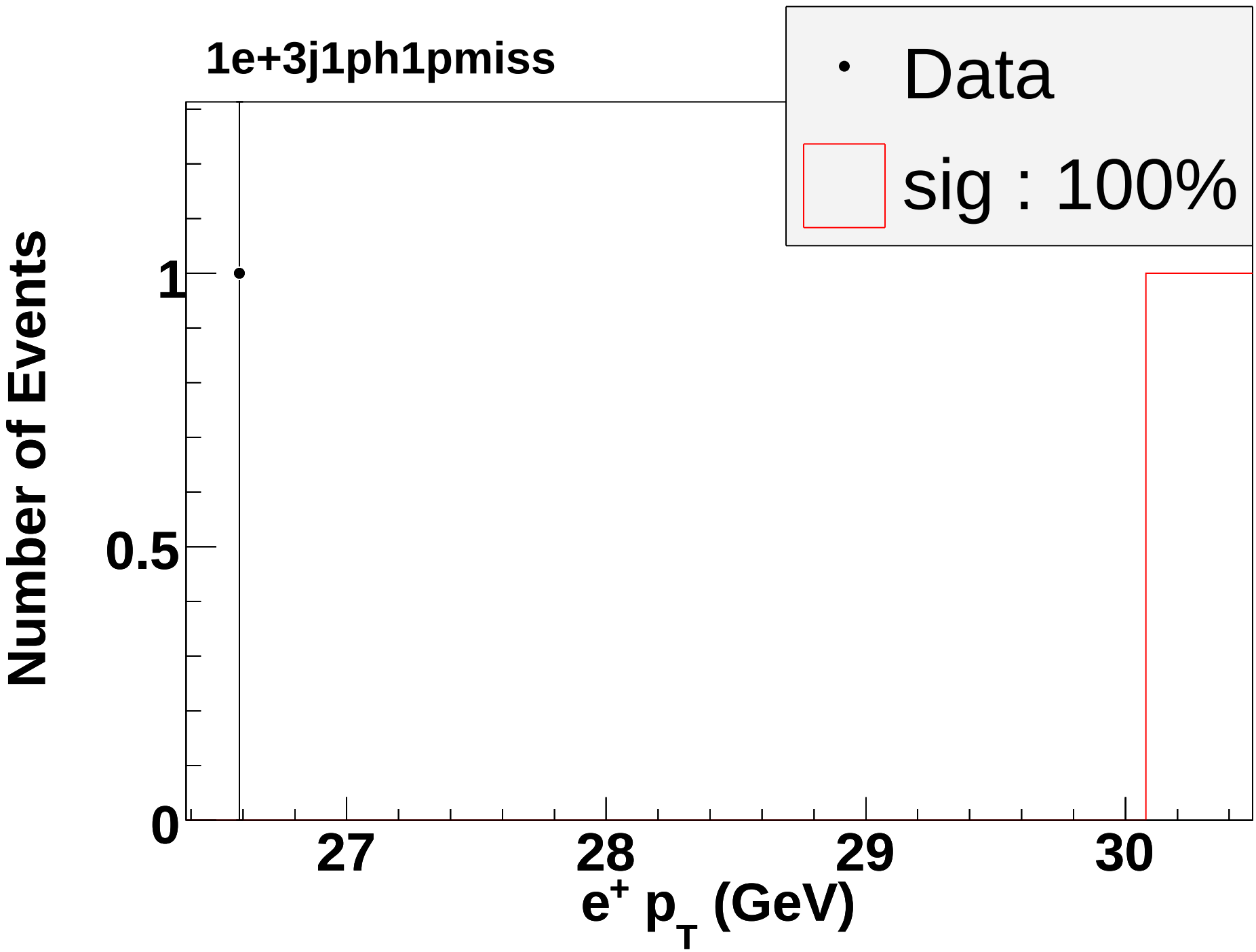
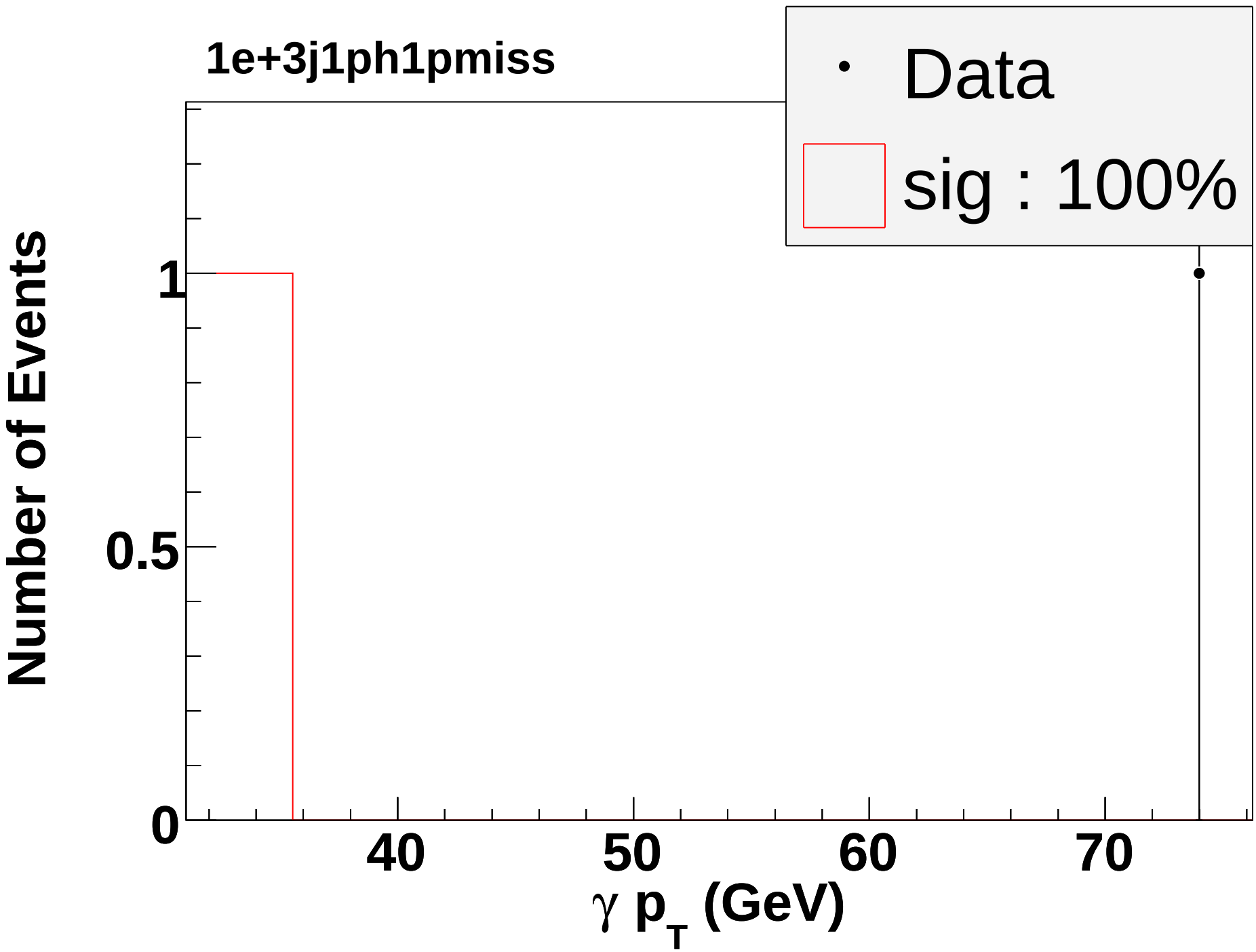
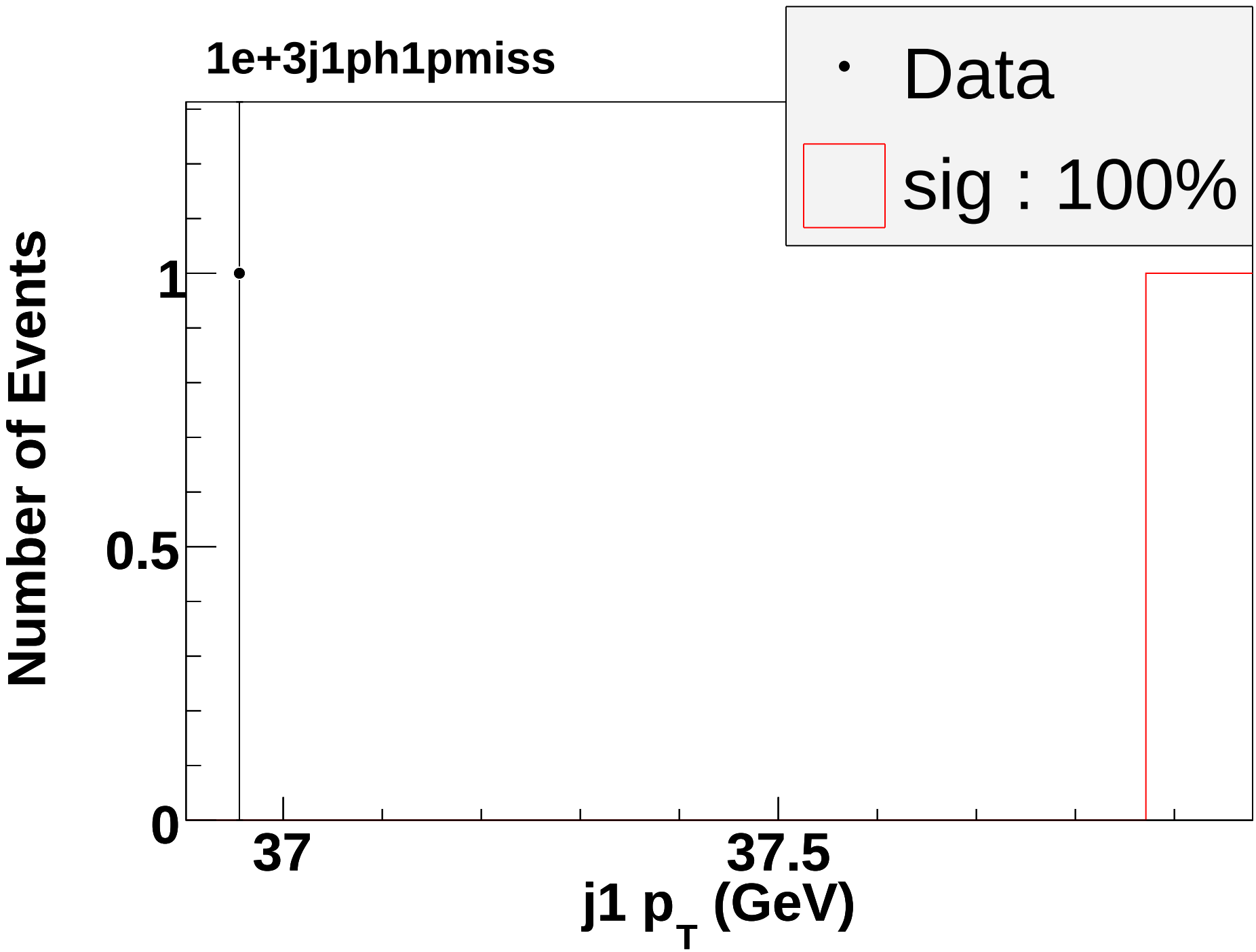
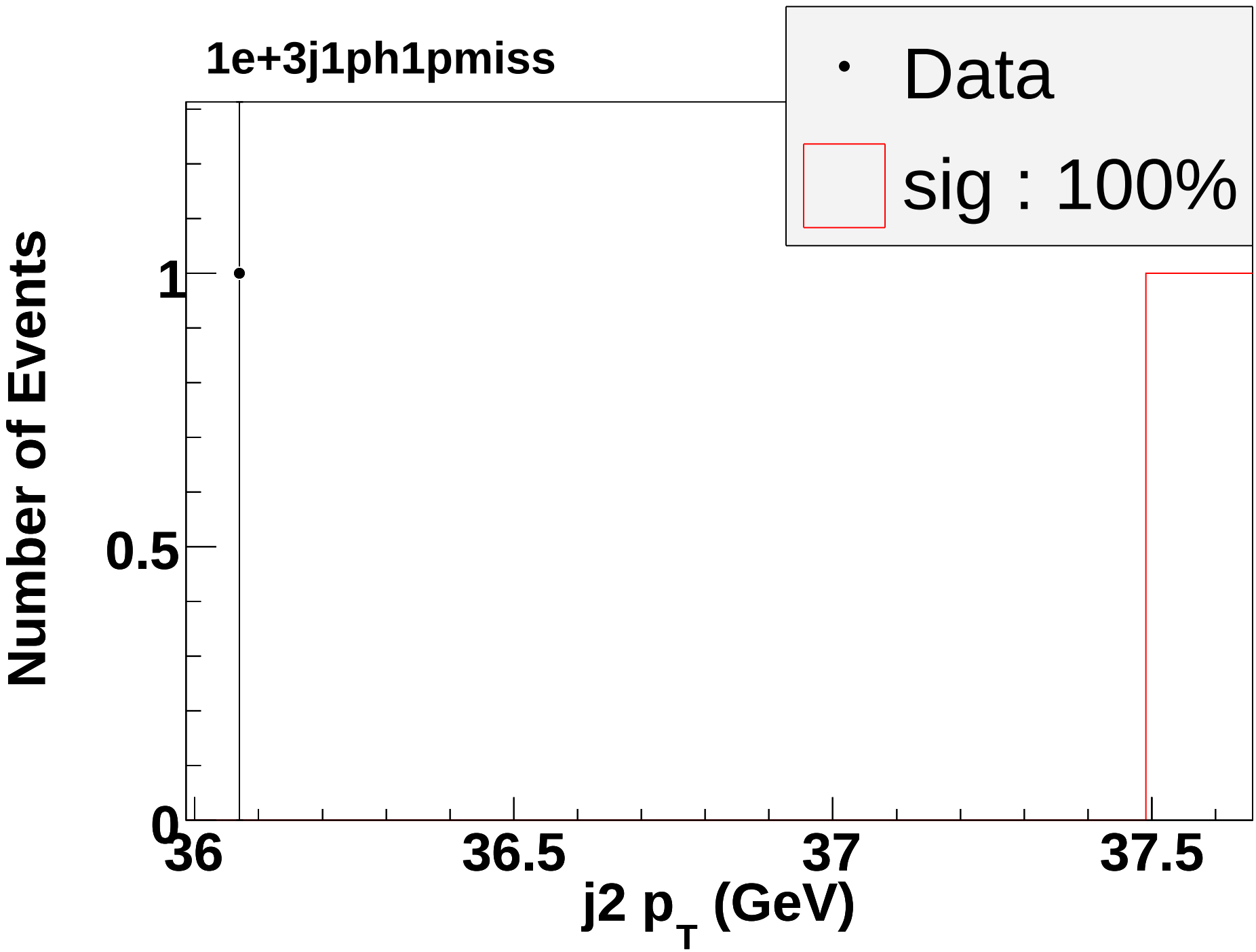
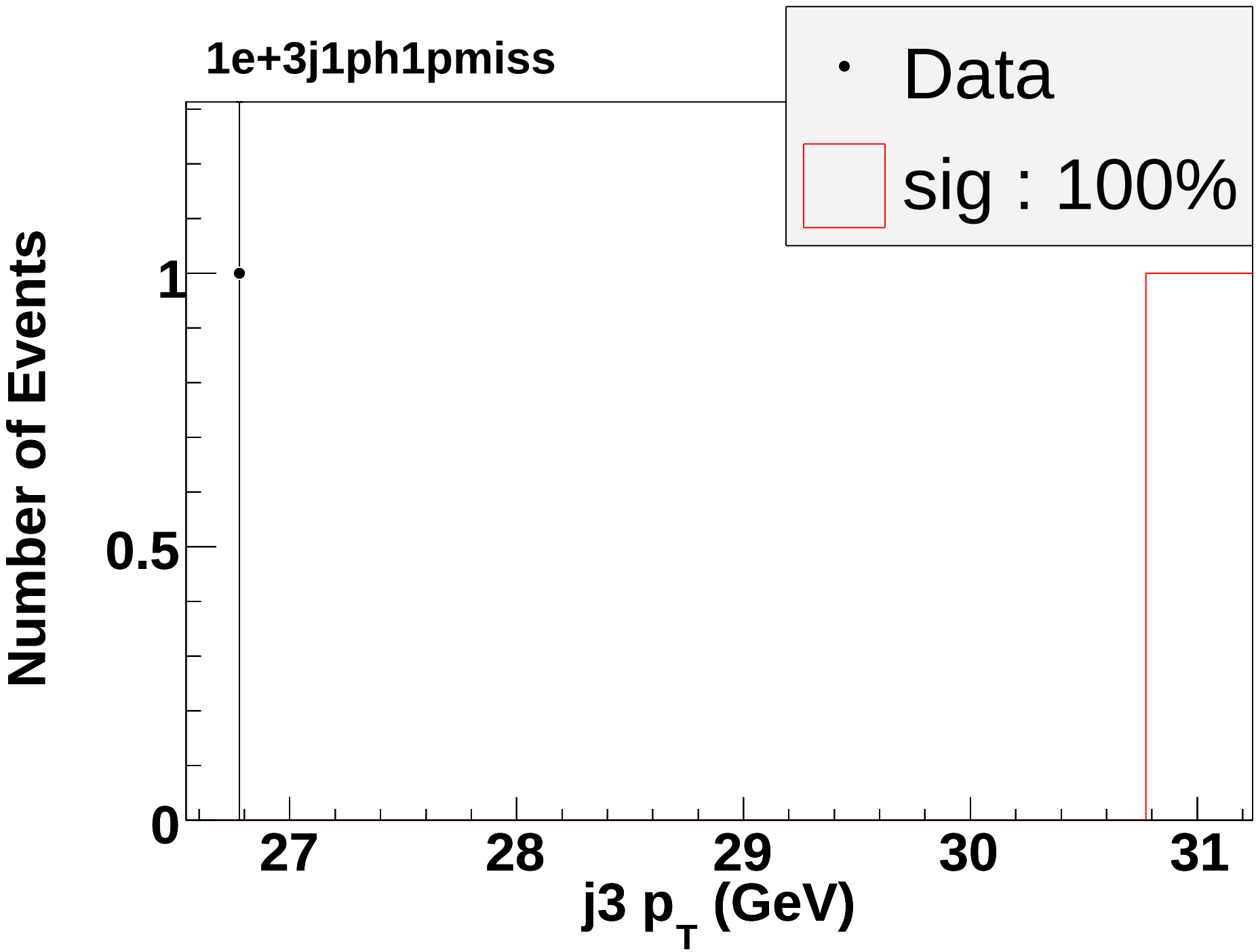

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
290
300
310
320
sumPt (GeV)

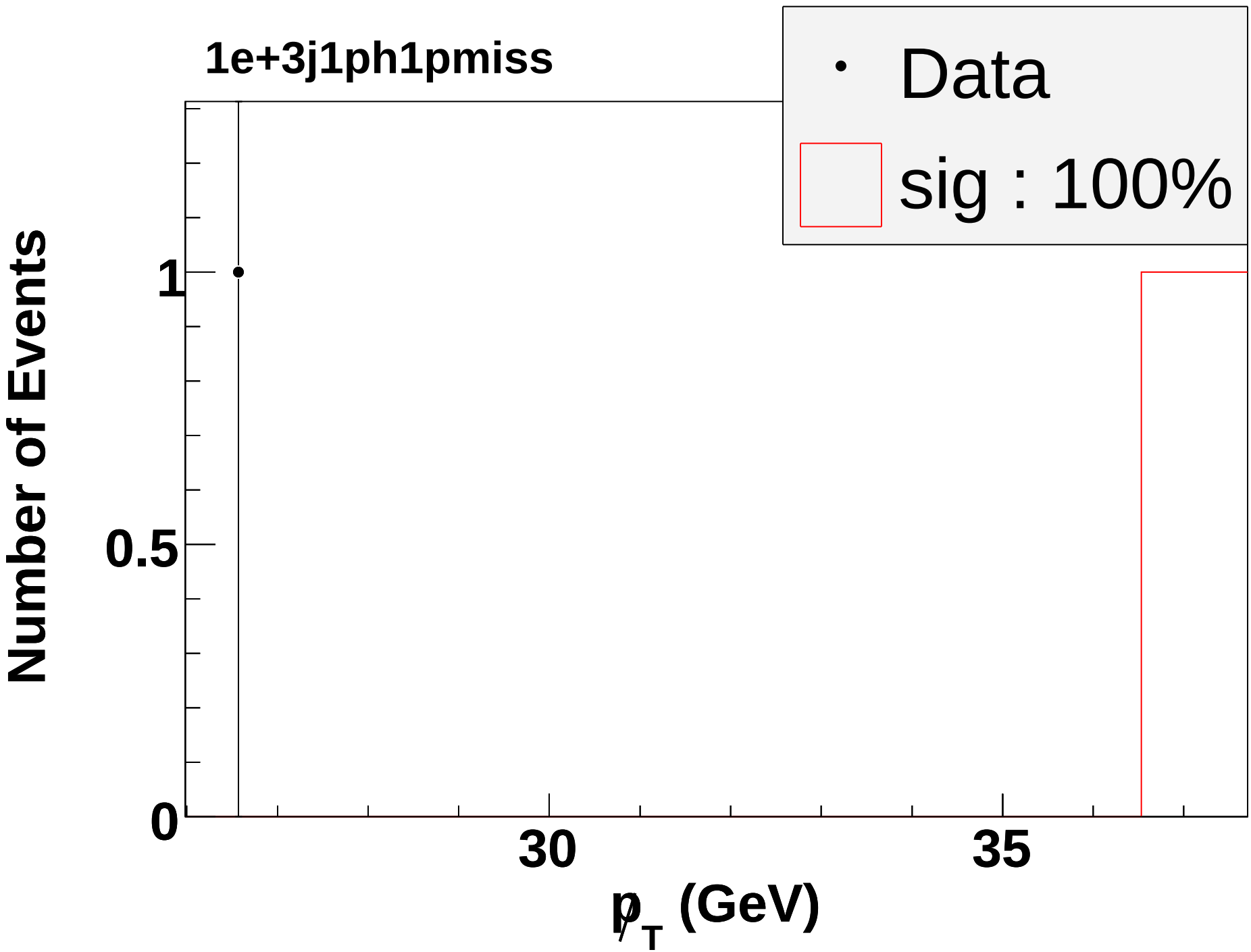

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
27
28
29
30
e+ pT (GeV)

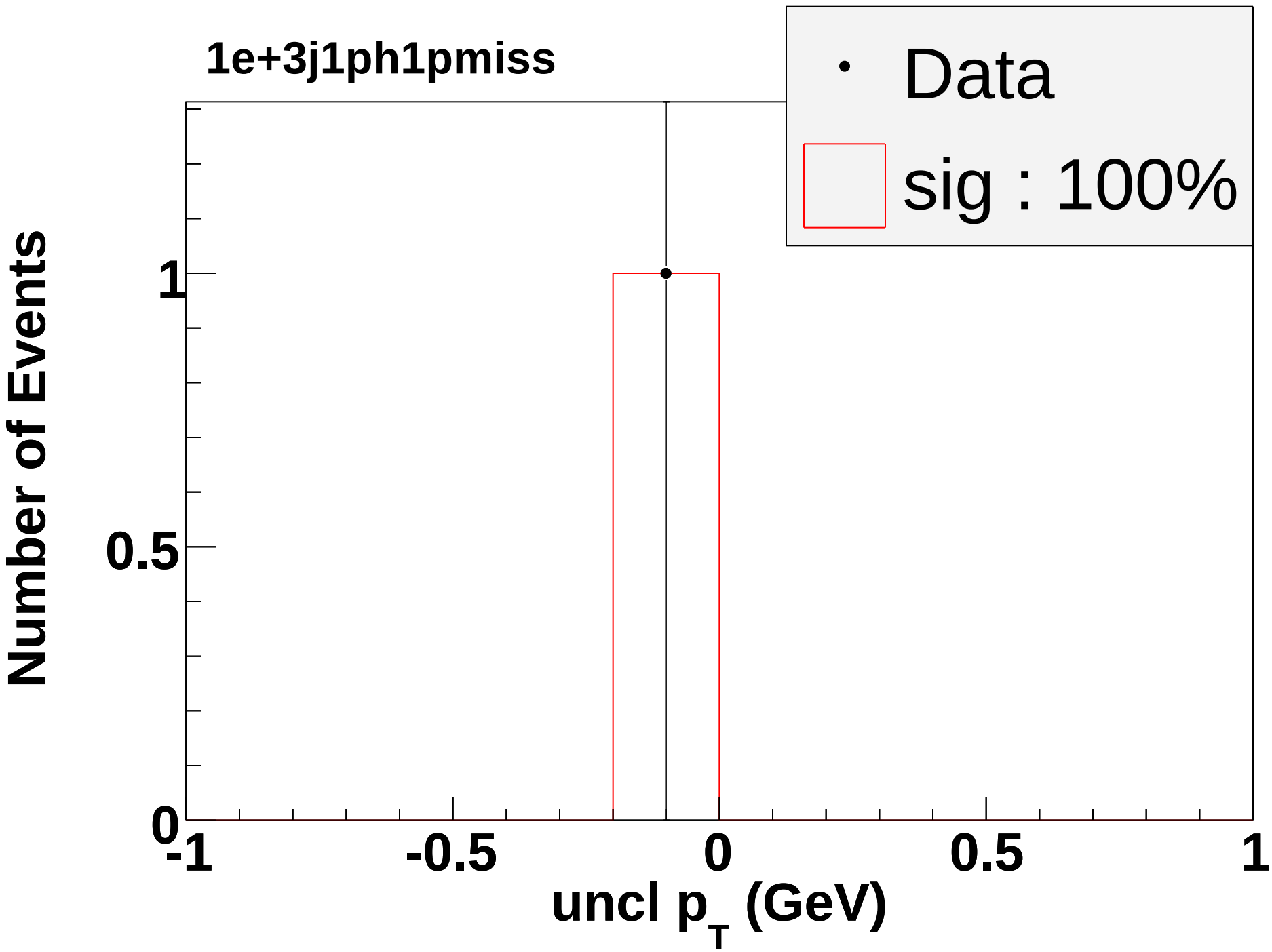

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
0
0.5
1
40
50
60
70
γ p_T (GeV)

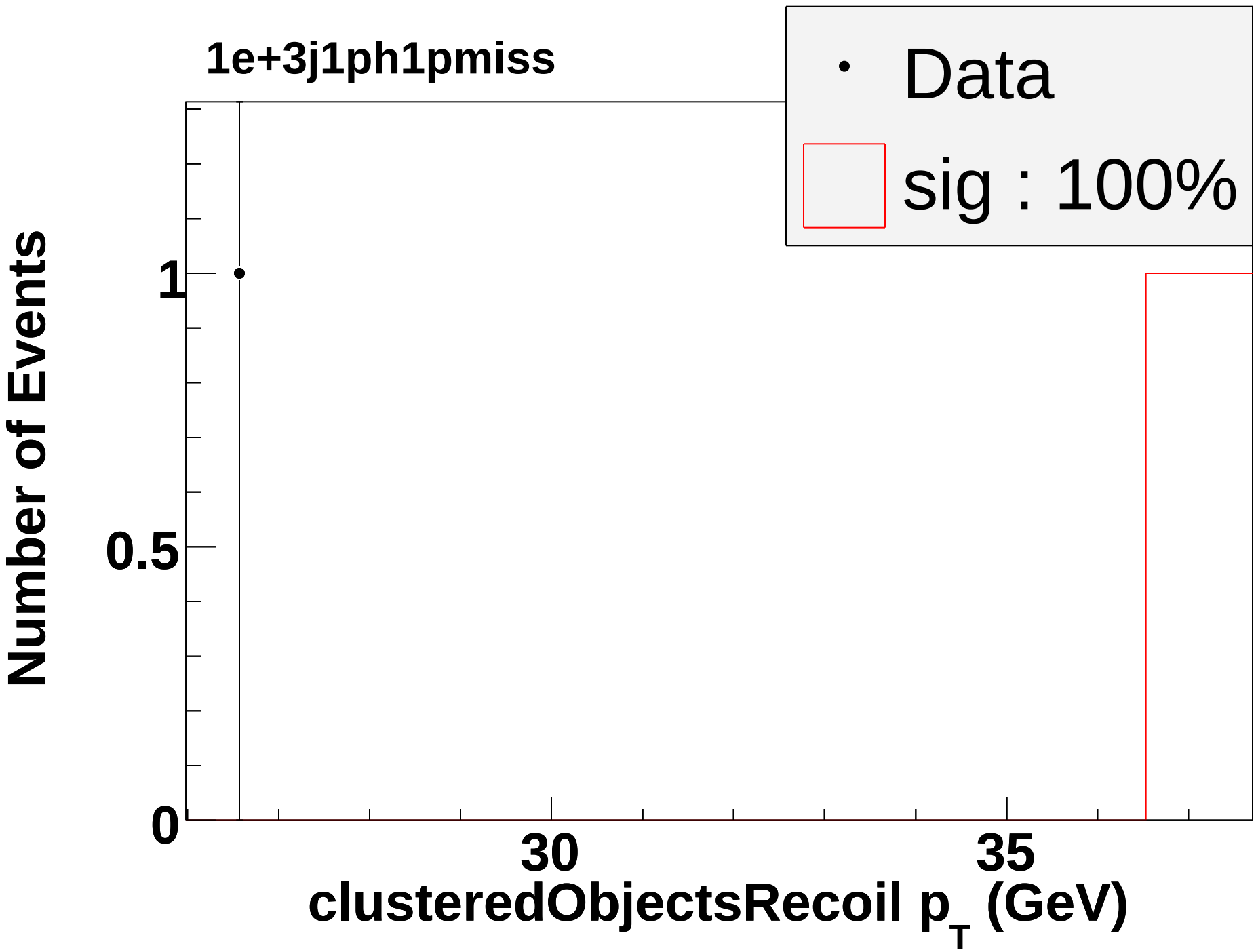

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
37
37.5
j1 p_T (GeV)

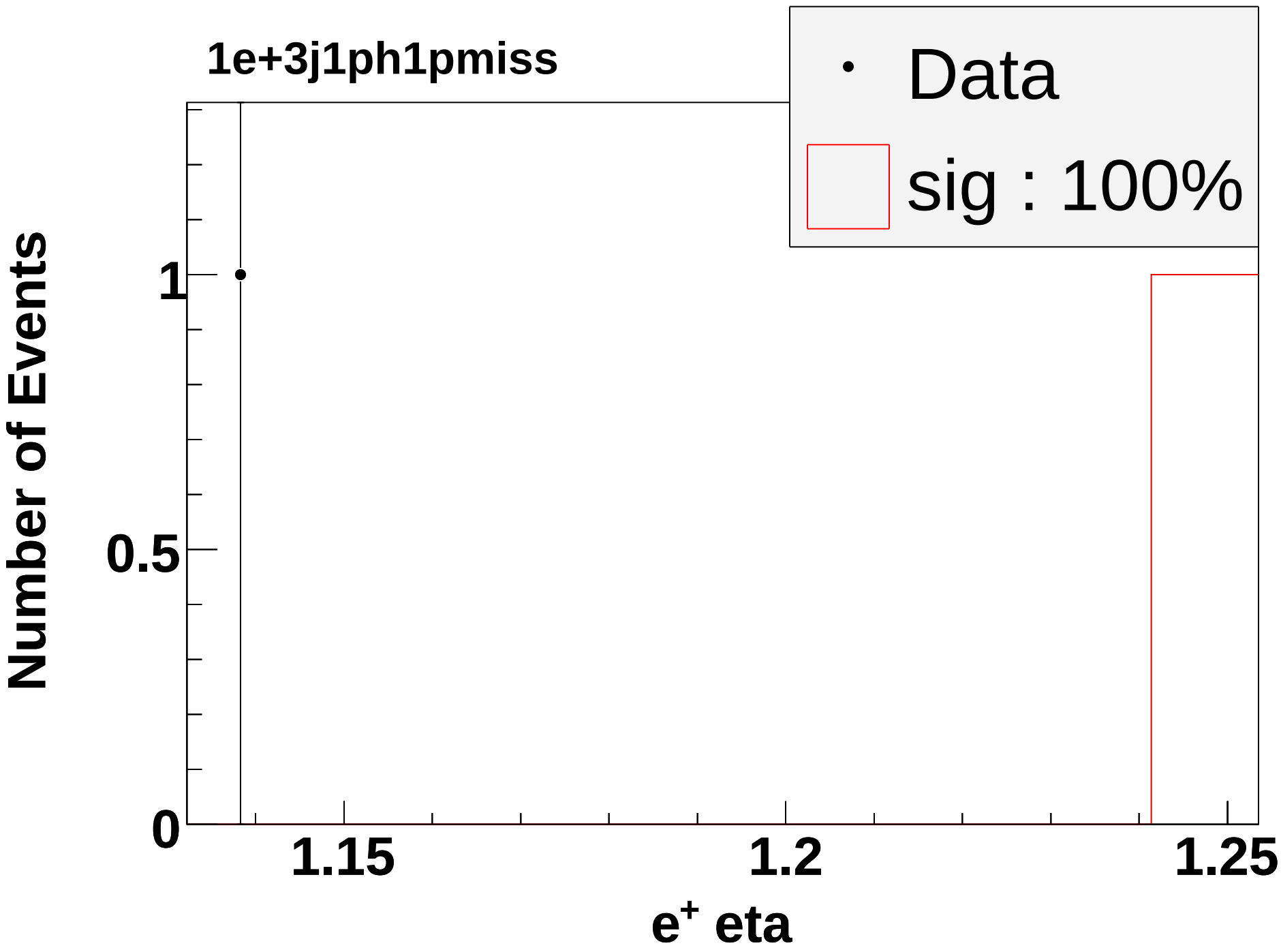

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
36
36.5
37
37.5
j2 p_T (GeV)

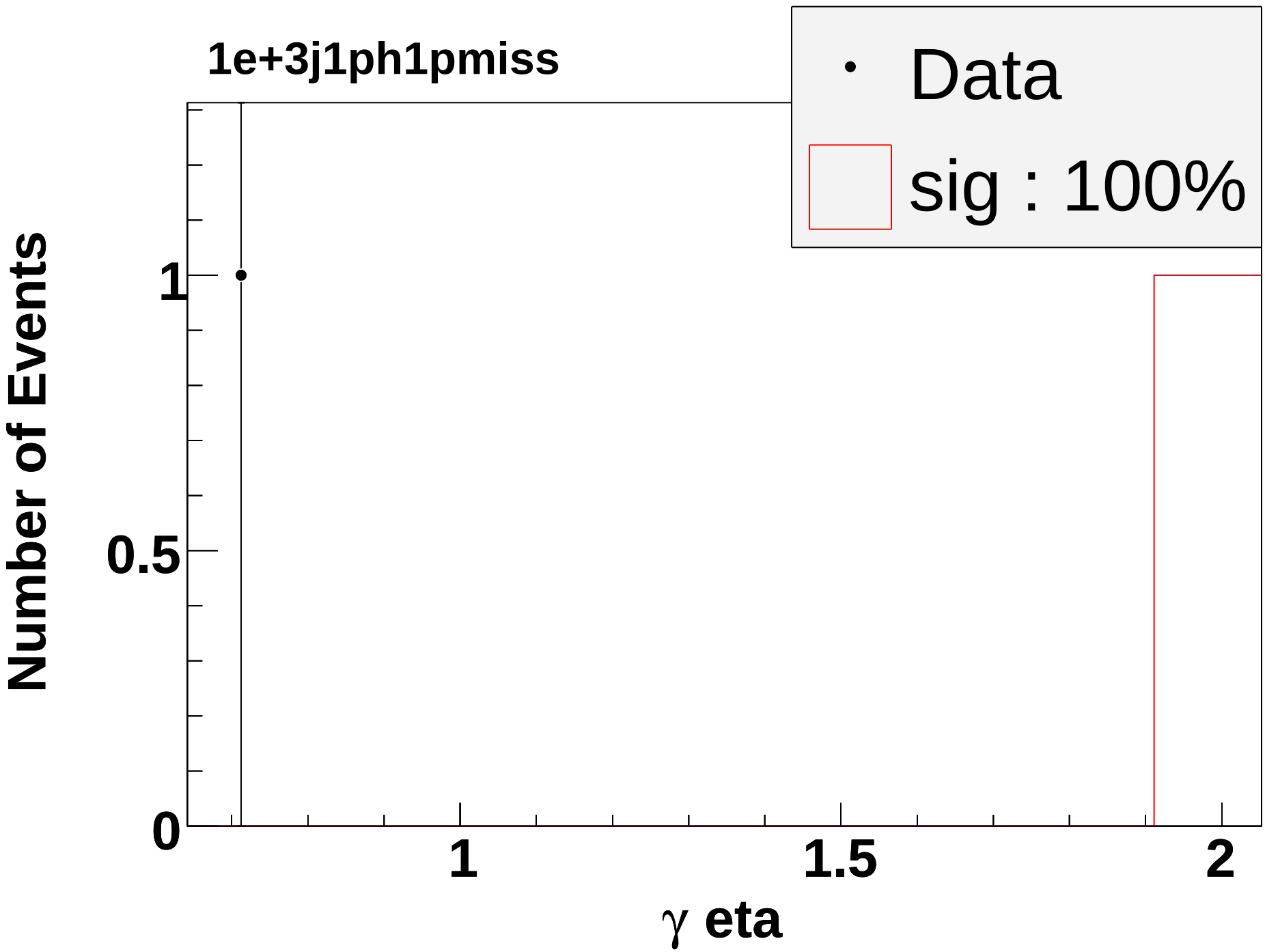

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
0
0.5
1
27
28
29
30
31
j3 p_T (GeV)

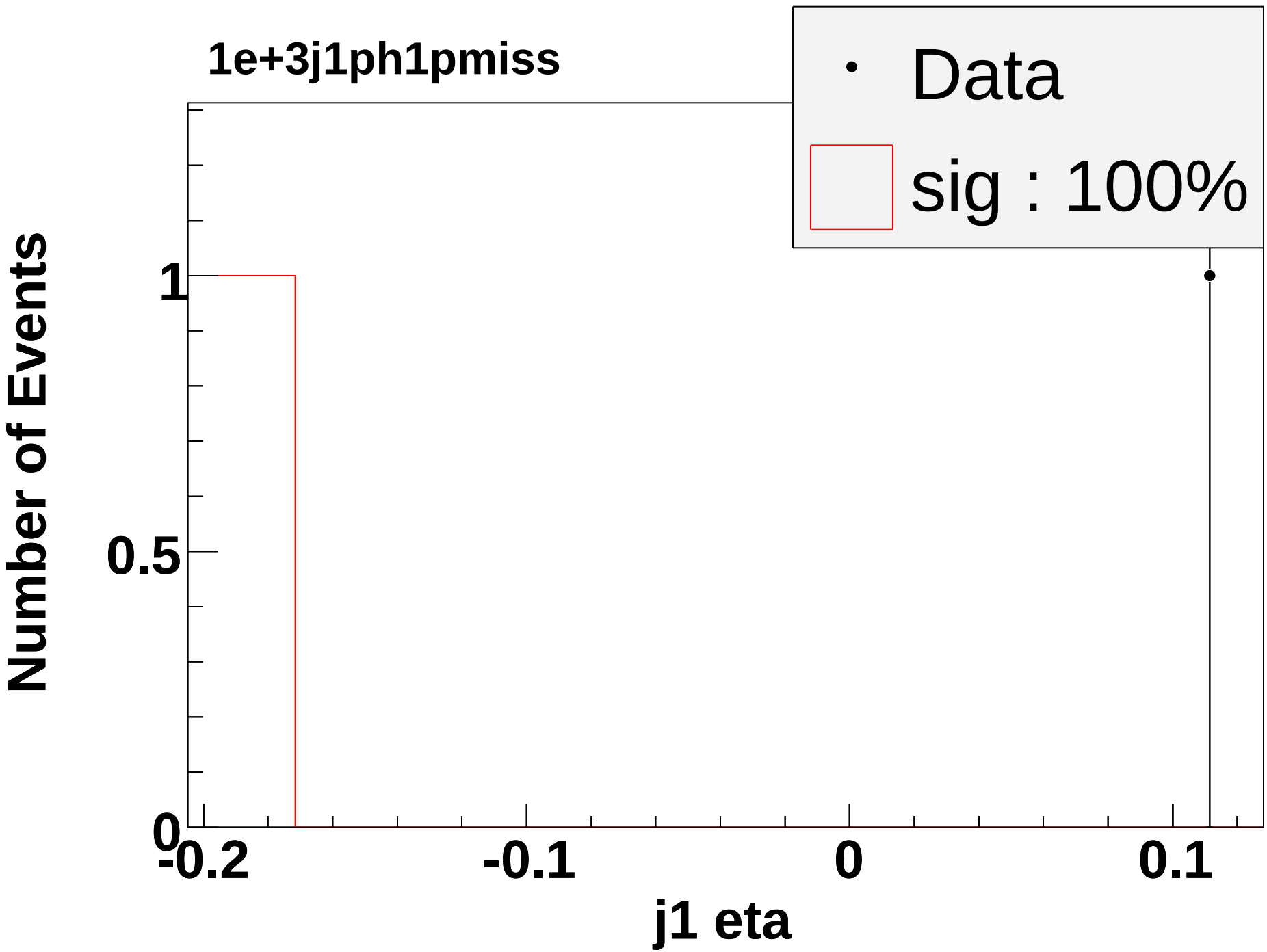

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
30
35
p_T (GeV)

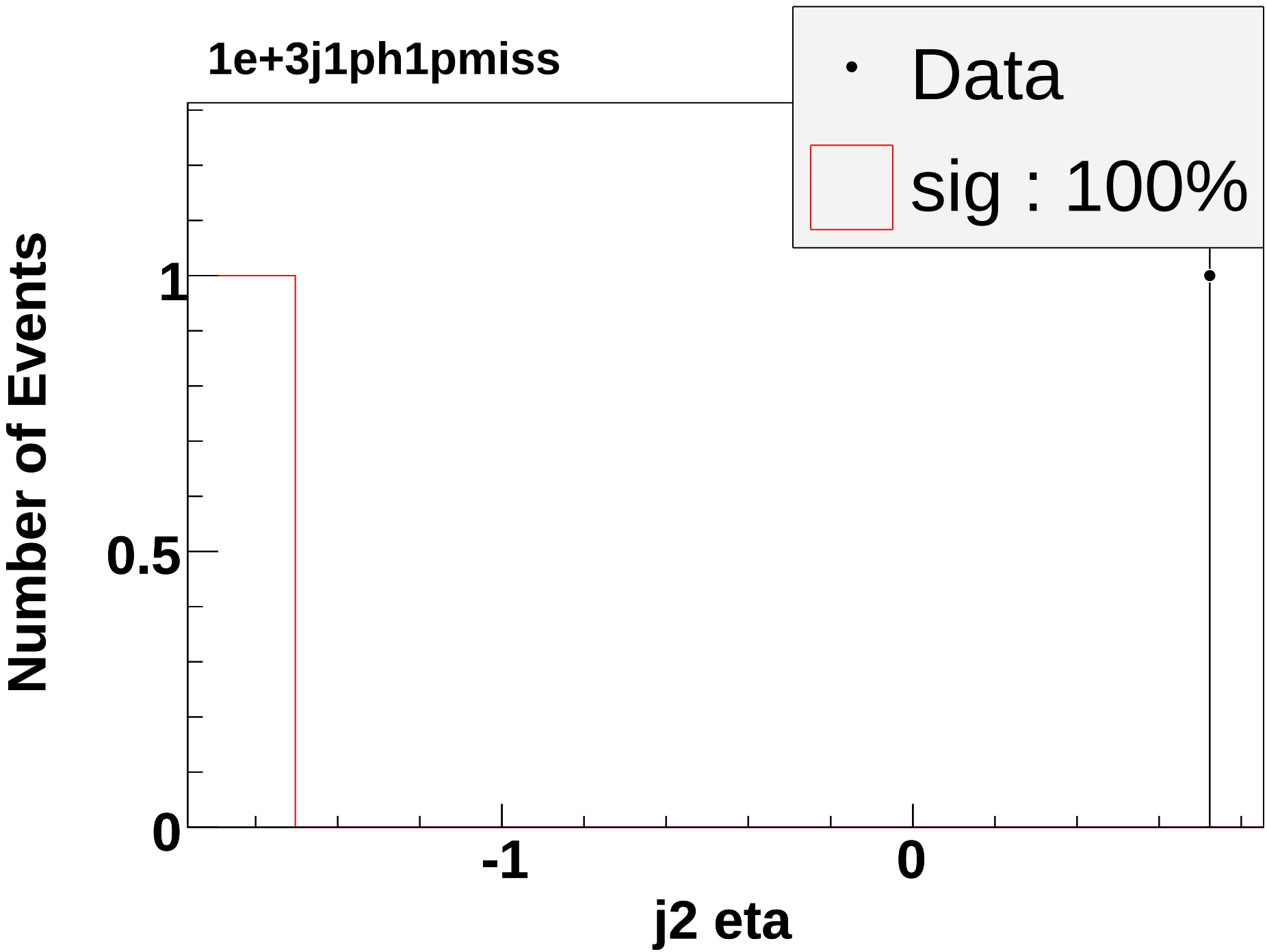

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
-1
-0.5
0
0.5
1
uncl p_T (GeV)

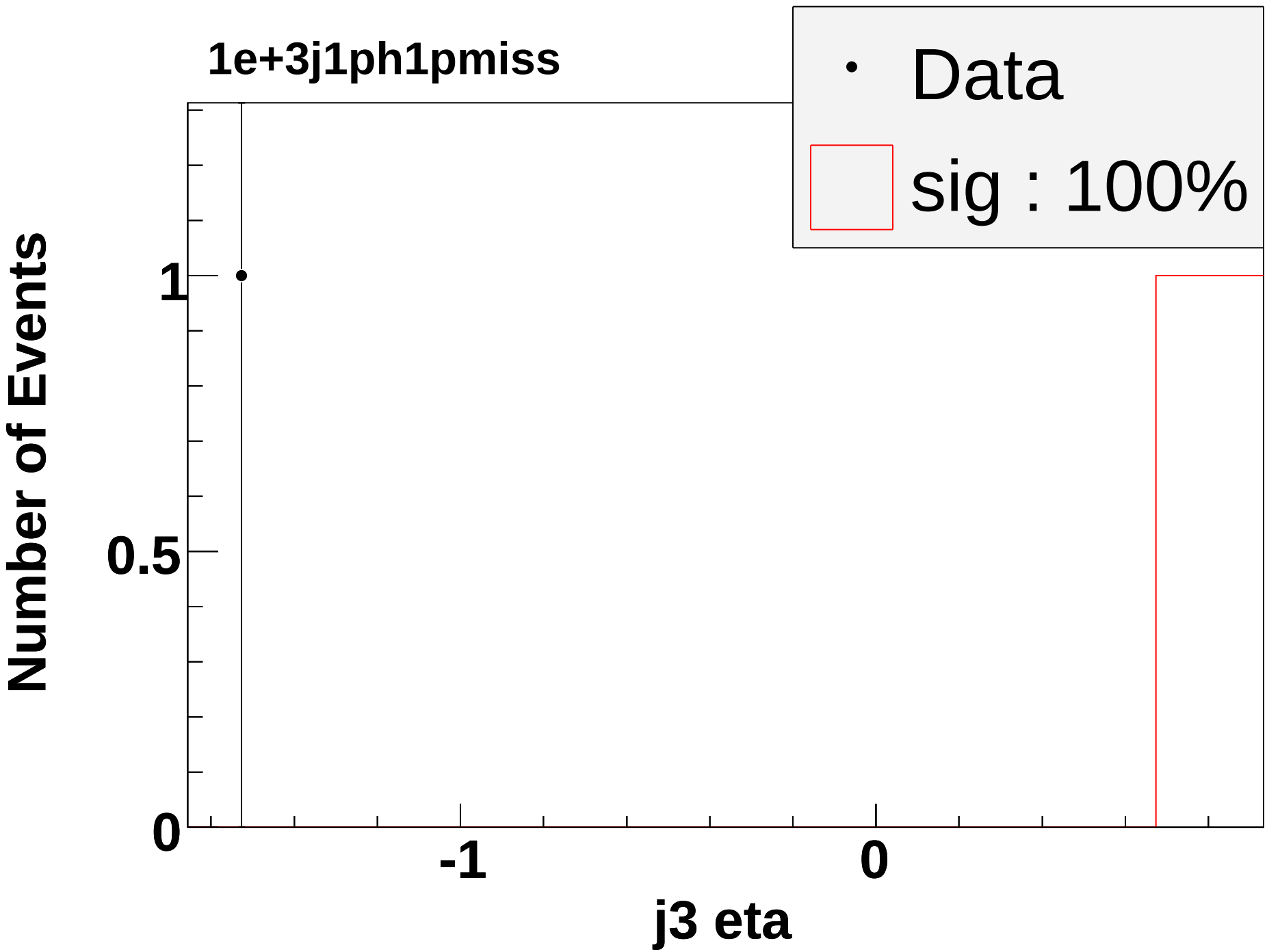

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
30
35
clusteredObjectsRecoil p_T (GeV)

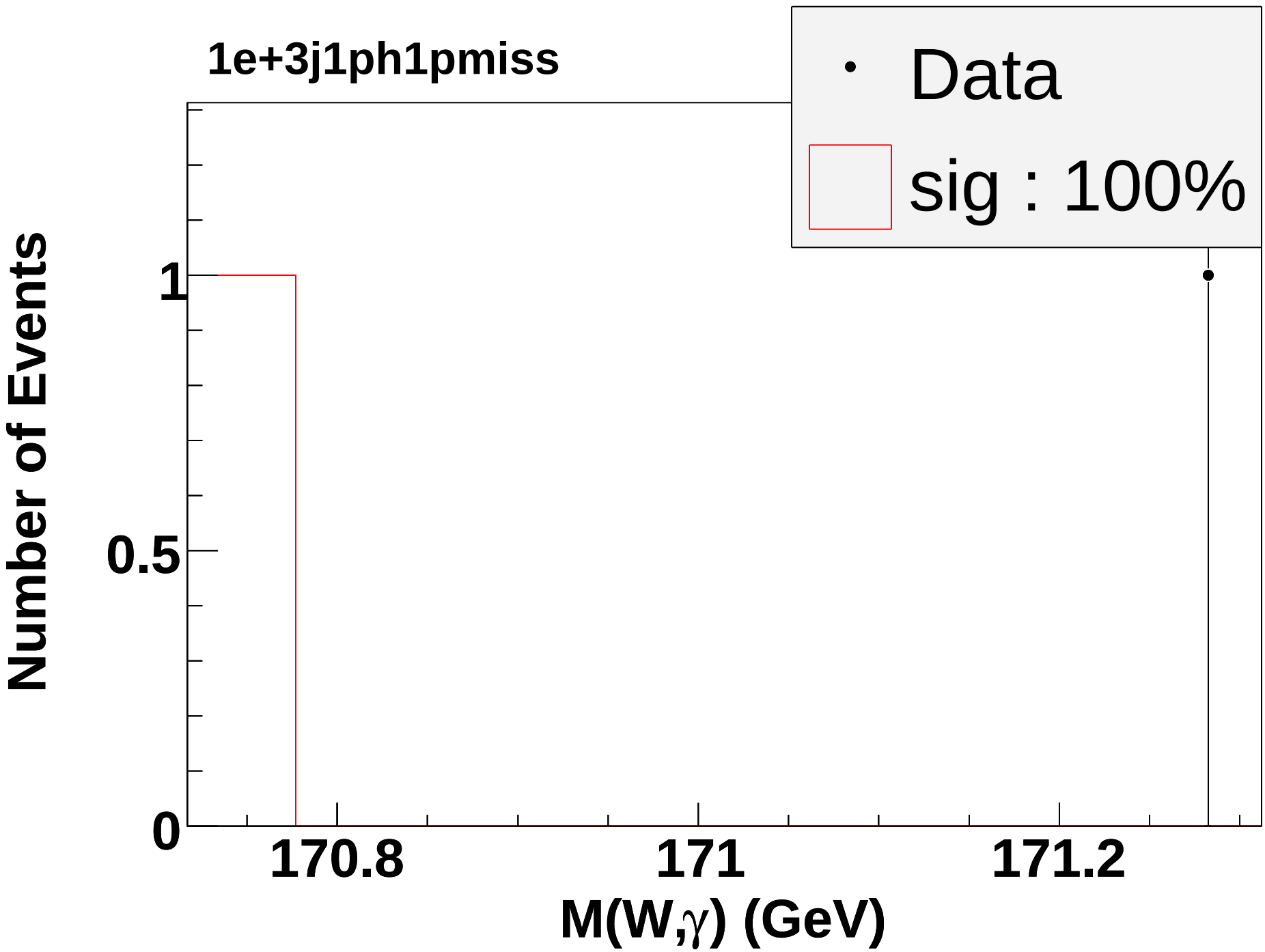

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
1.15
1.2
1.25
e+ eta

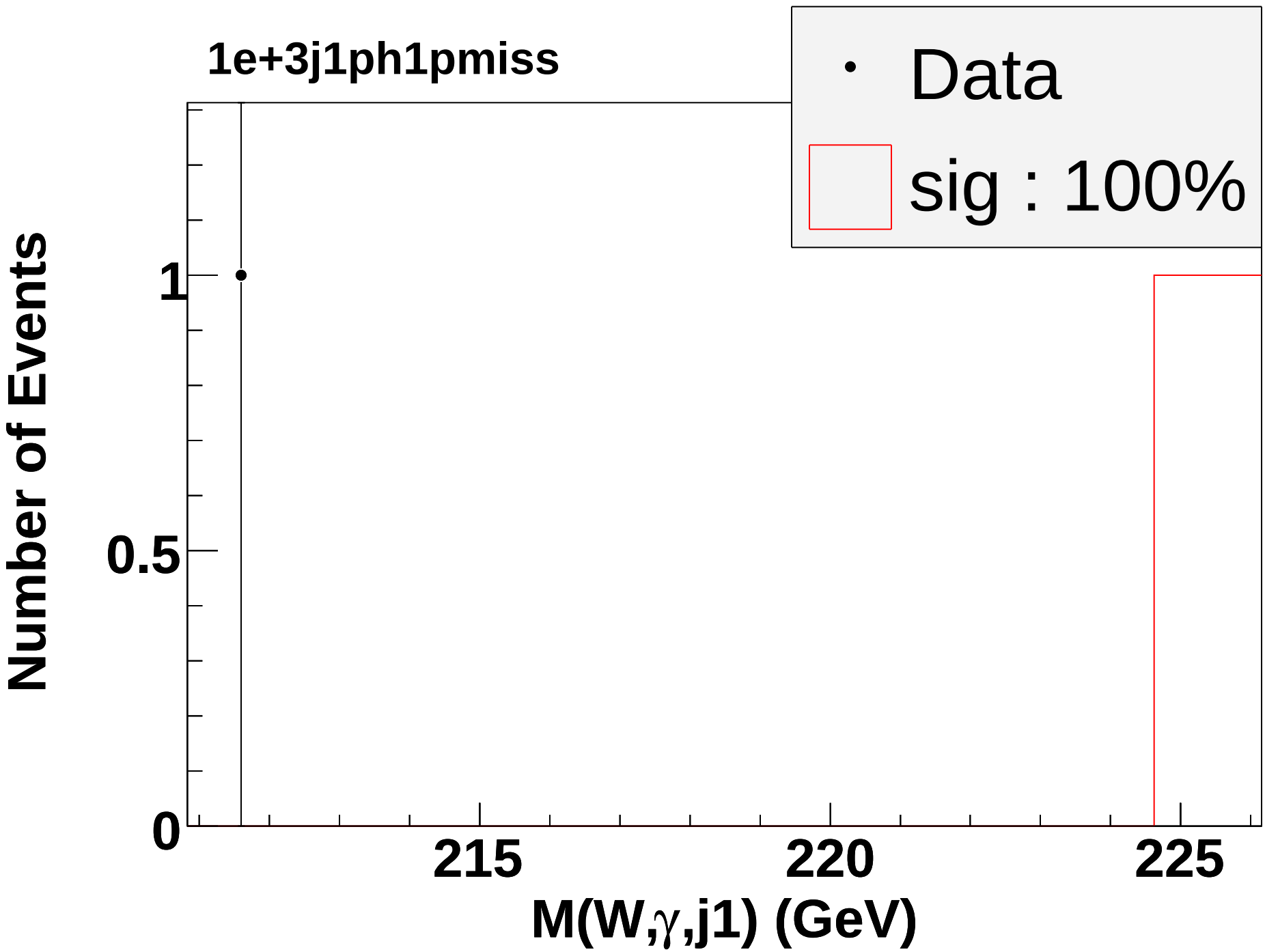

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
1
1.5
2
γ eta

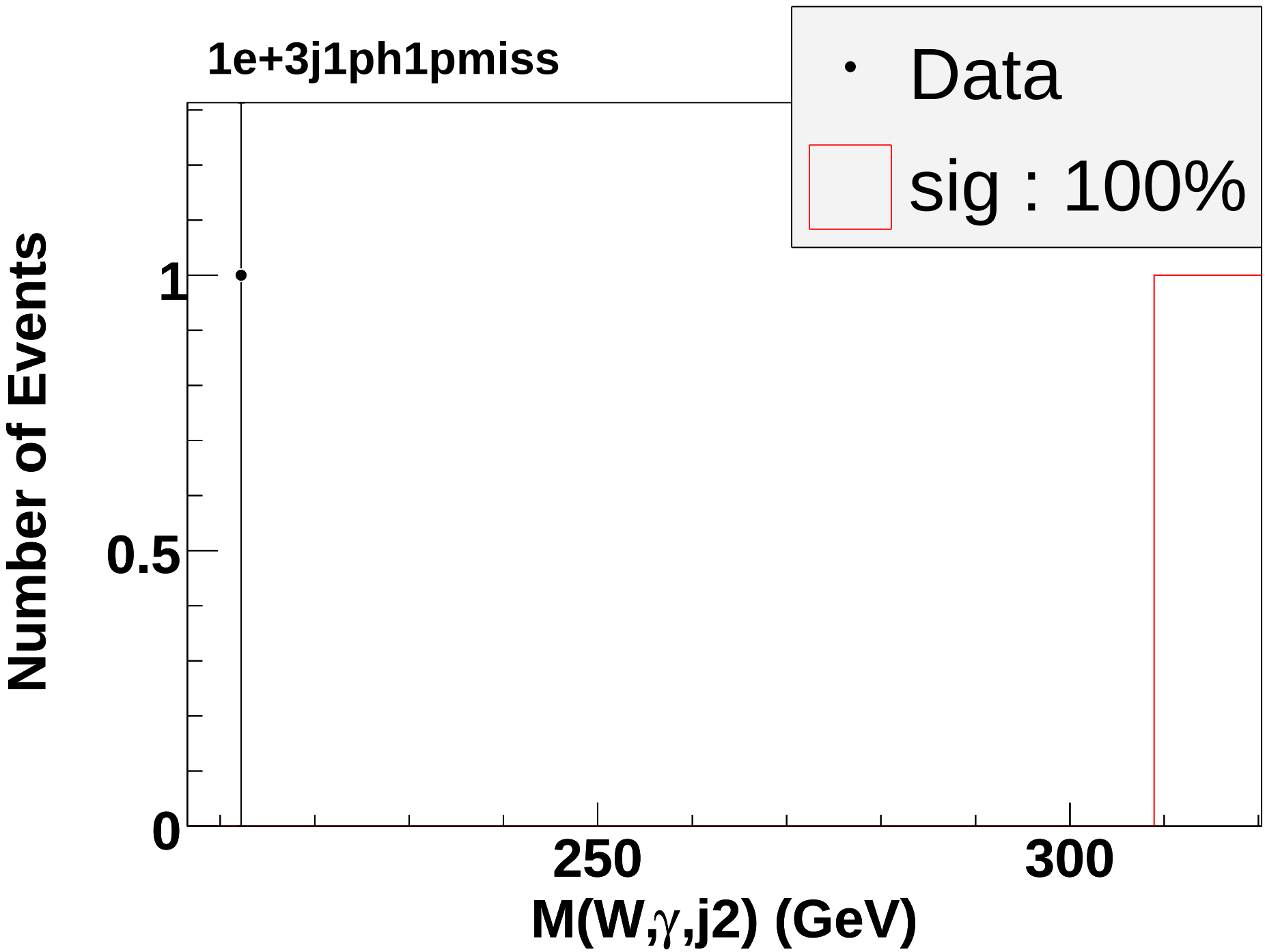

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
-0.2
-0.1
0
0.1
j1 eta

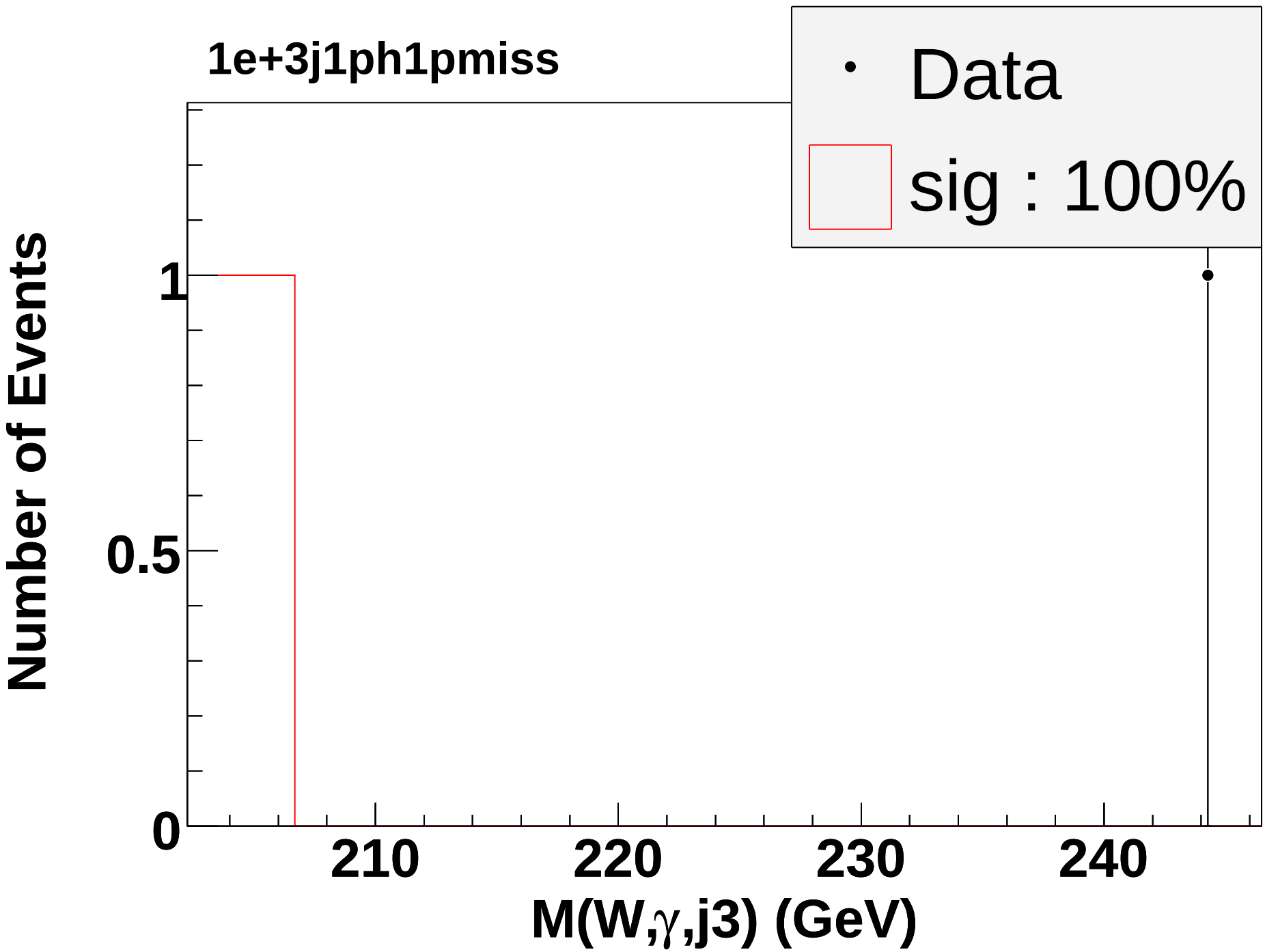

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
-1
0
j2 eta

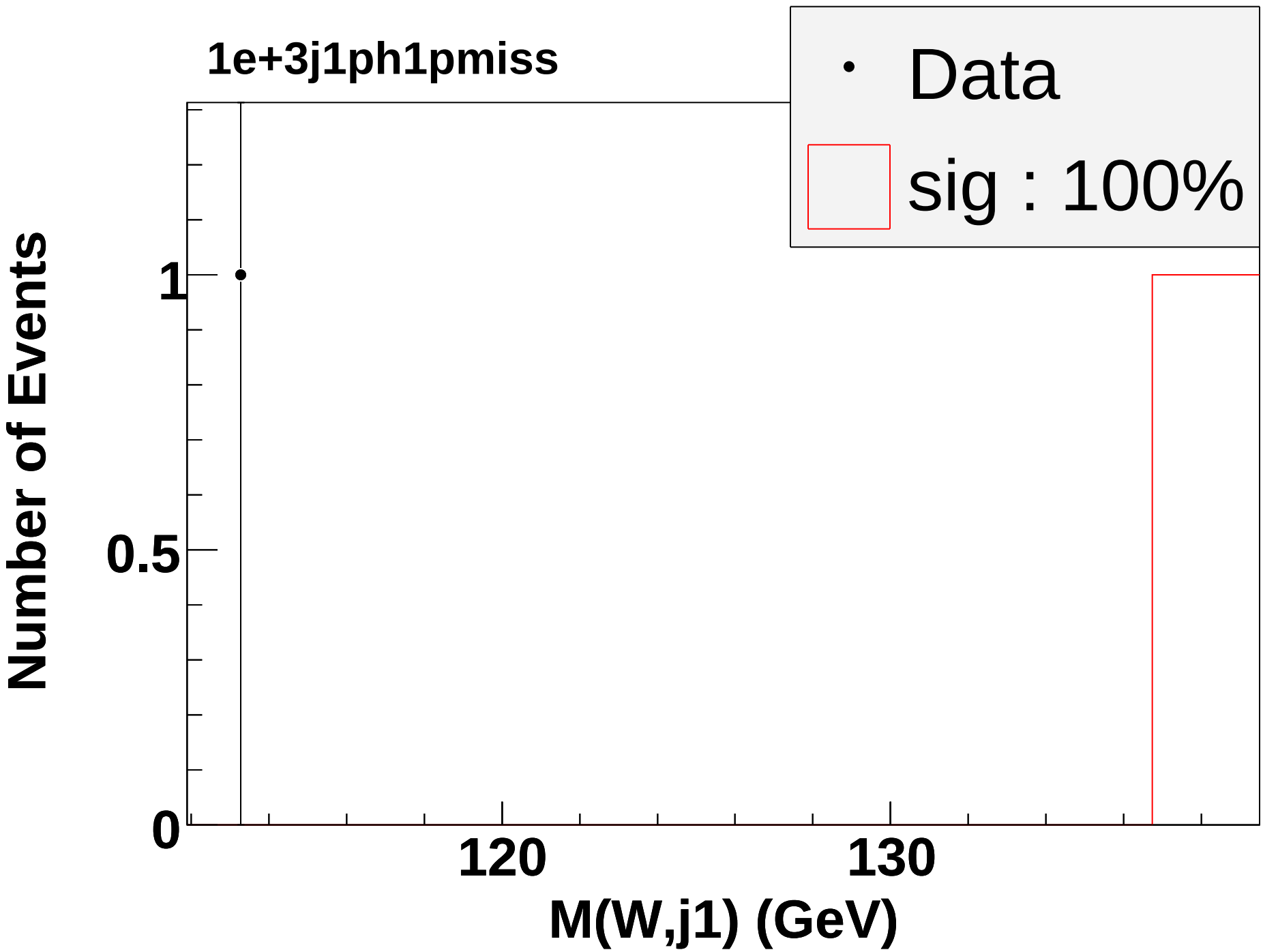

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
-1
0
j3 eta

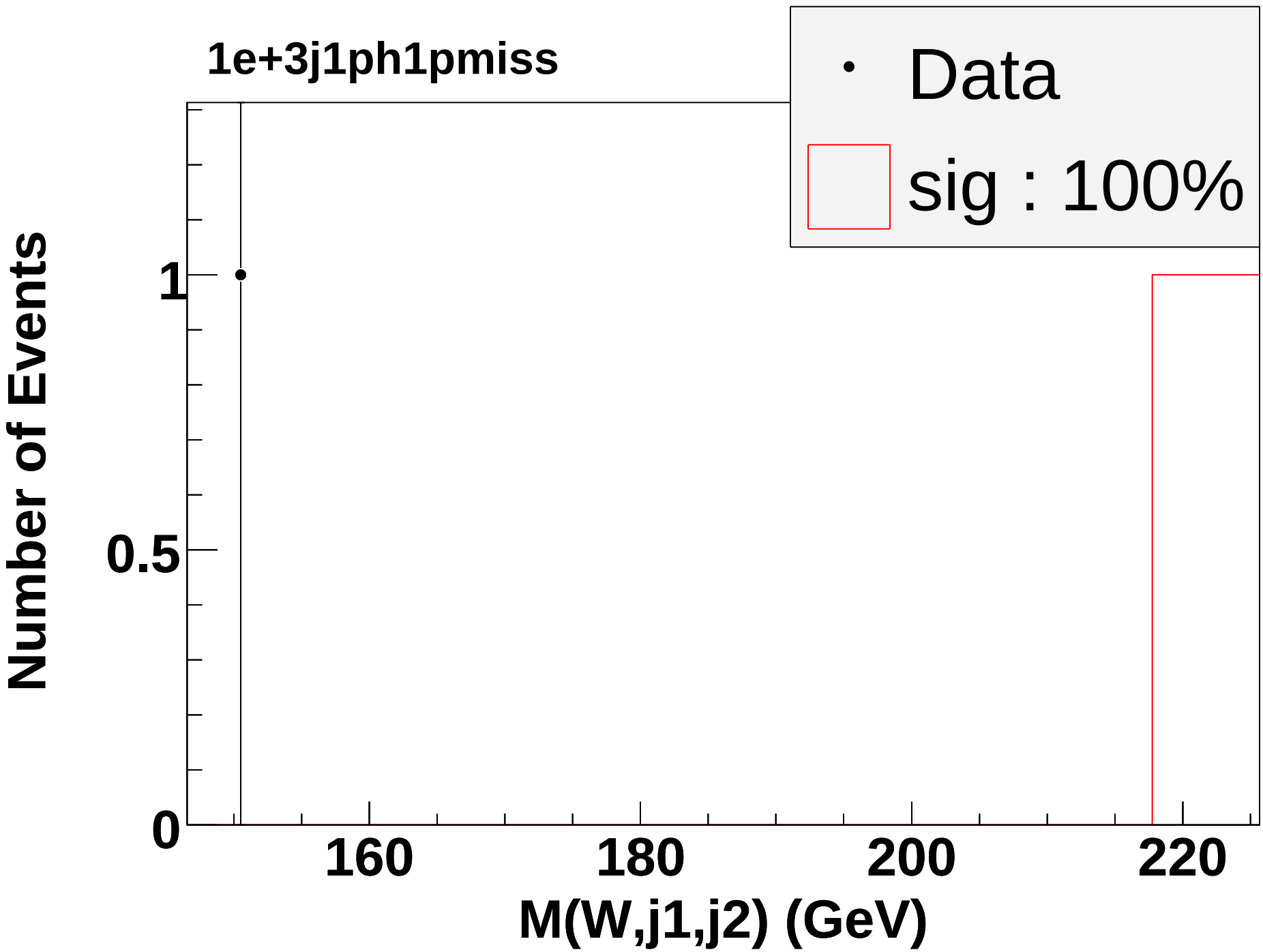

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
170.8
171
171.2
M(W,γ) (GeV)

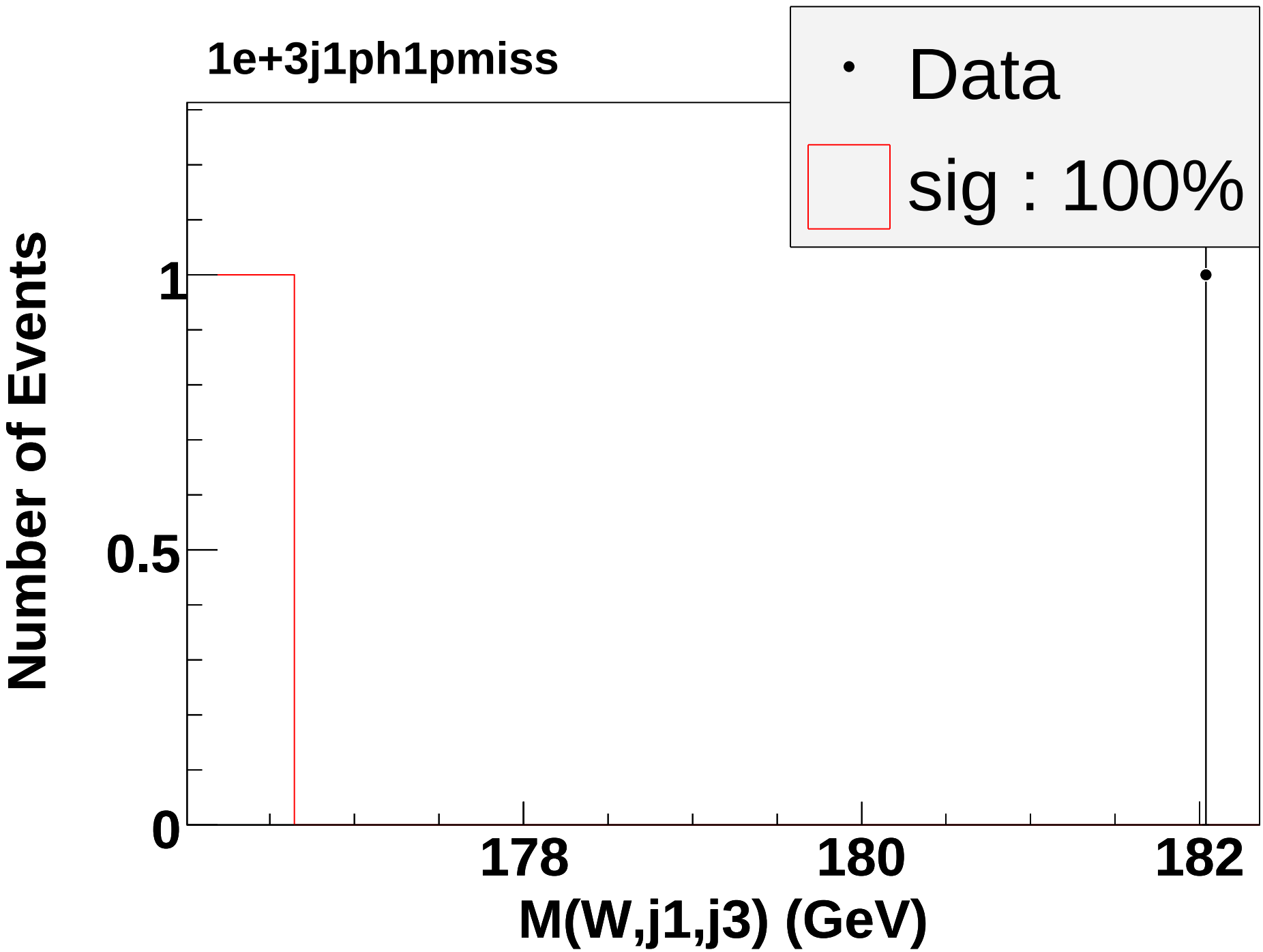

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
215
220
225
M(W,γ,j1) (GeV)

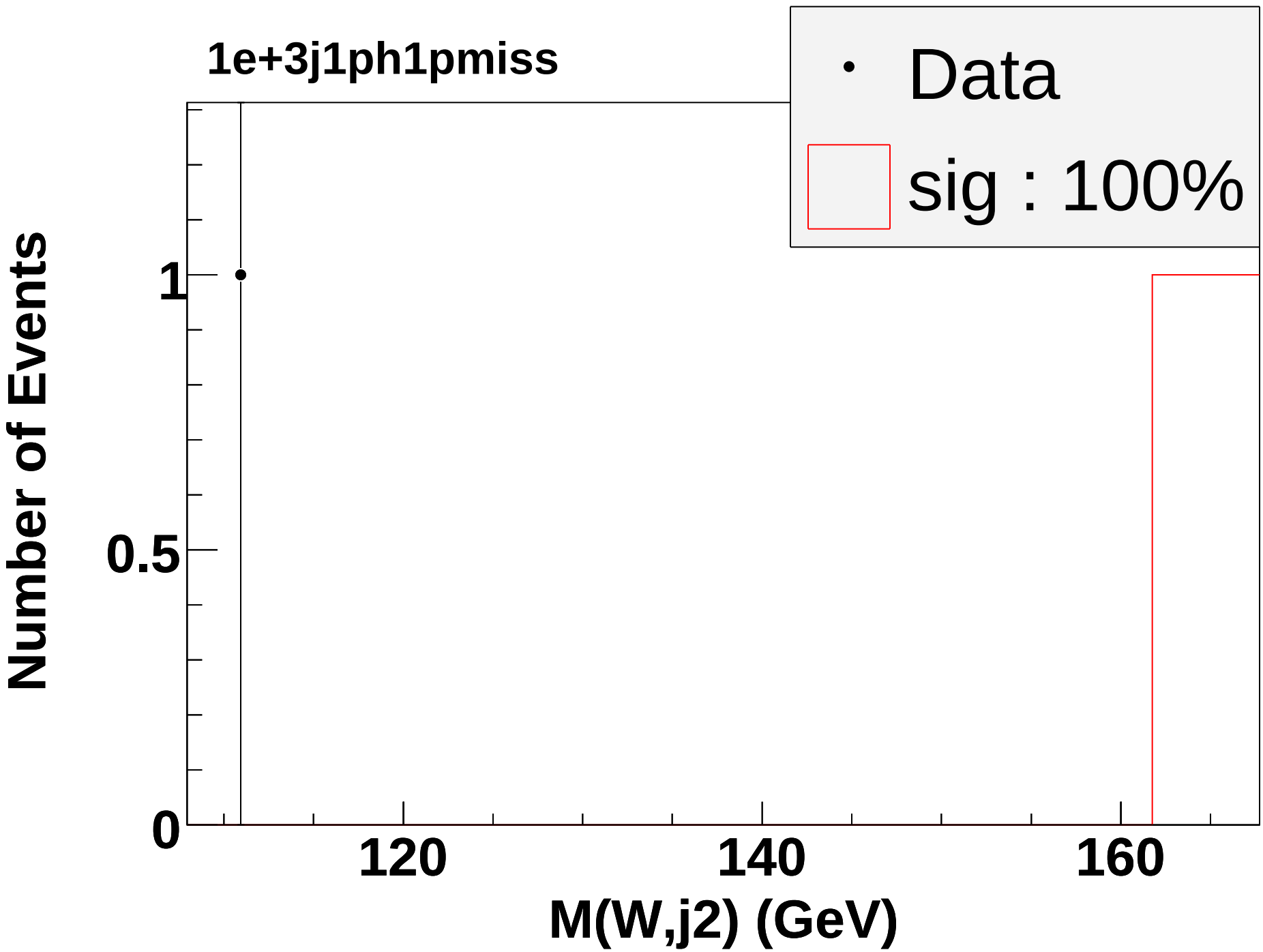

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
250
300
M(W,γ,j2) (GeV)

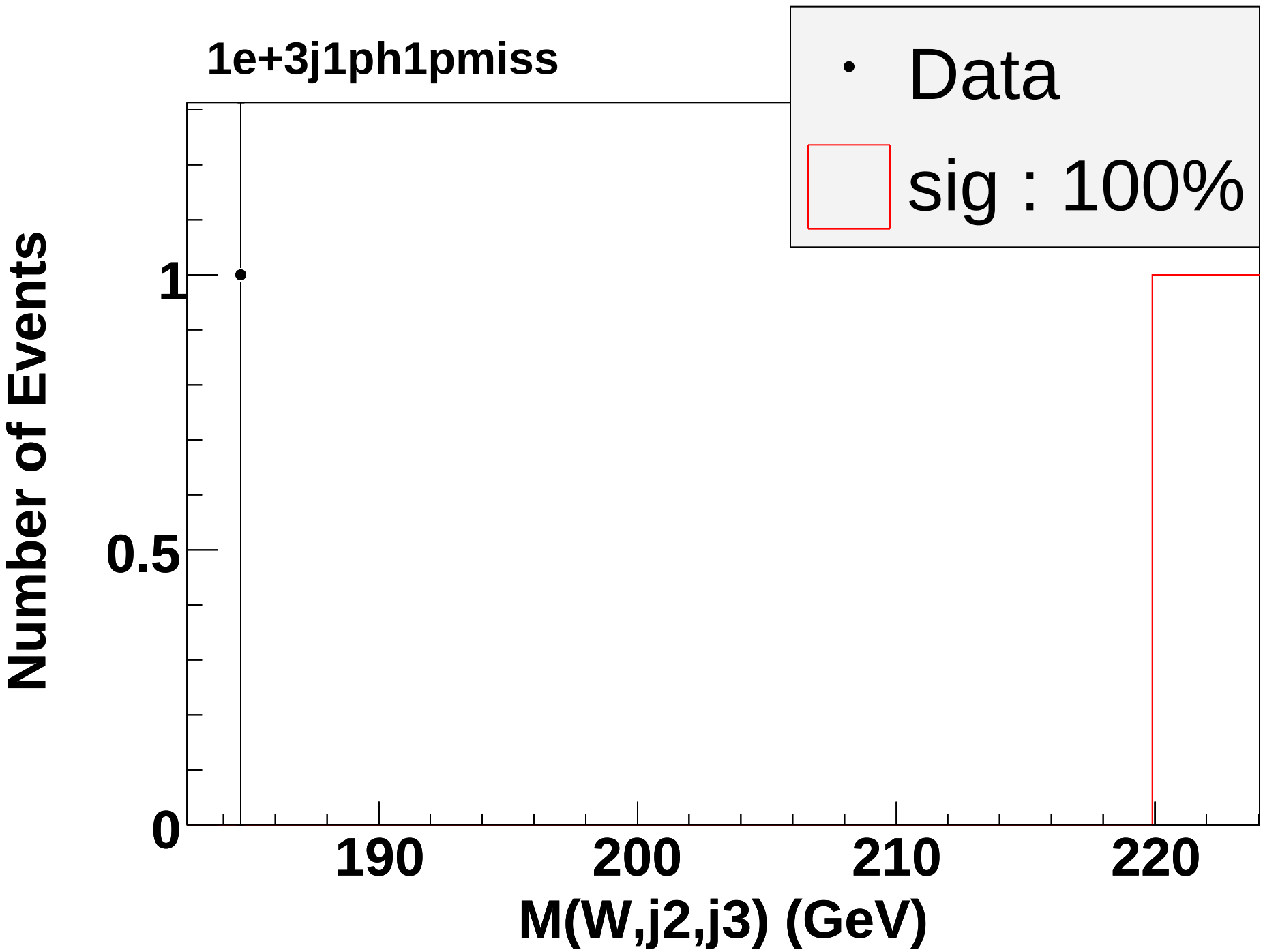

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
210
220
230
240
M(W,γ,j3) (GeV)

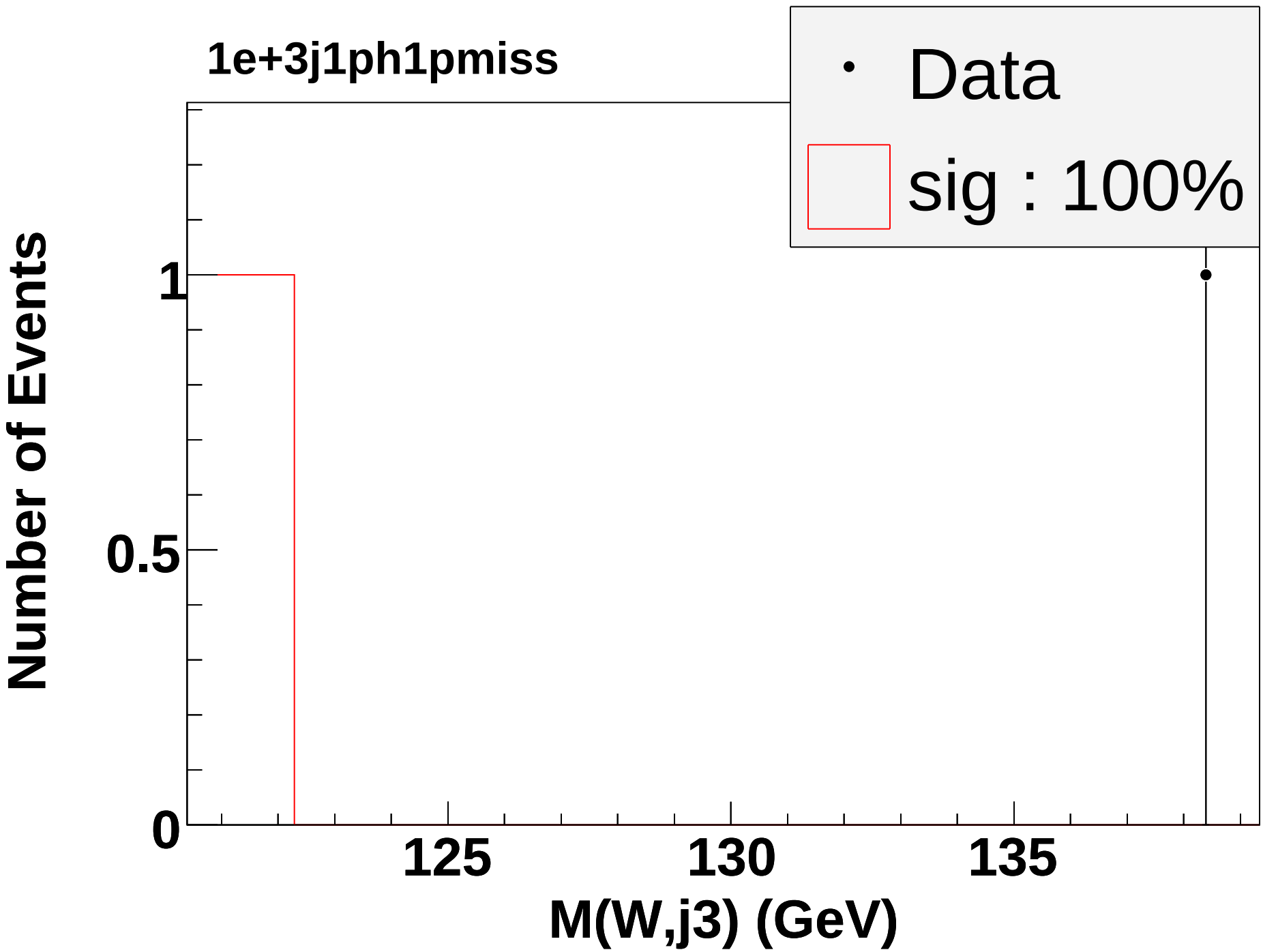

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
120
130
M(W,j1) (GeV)

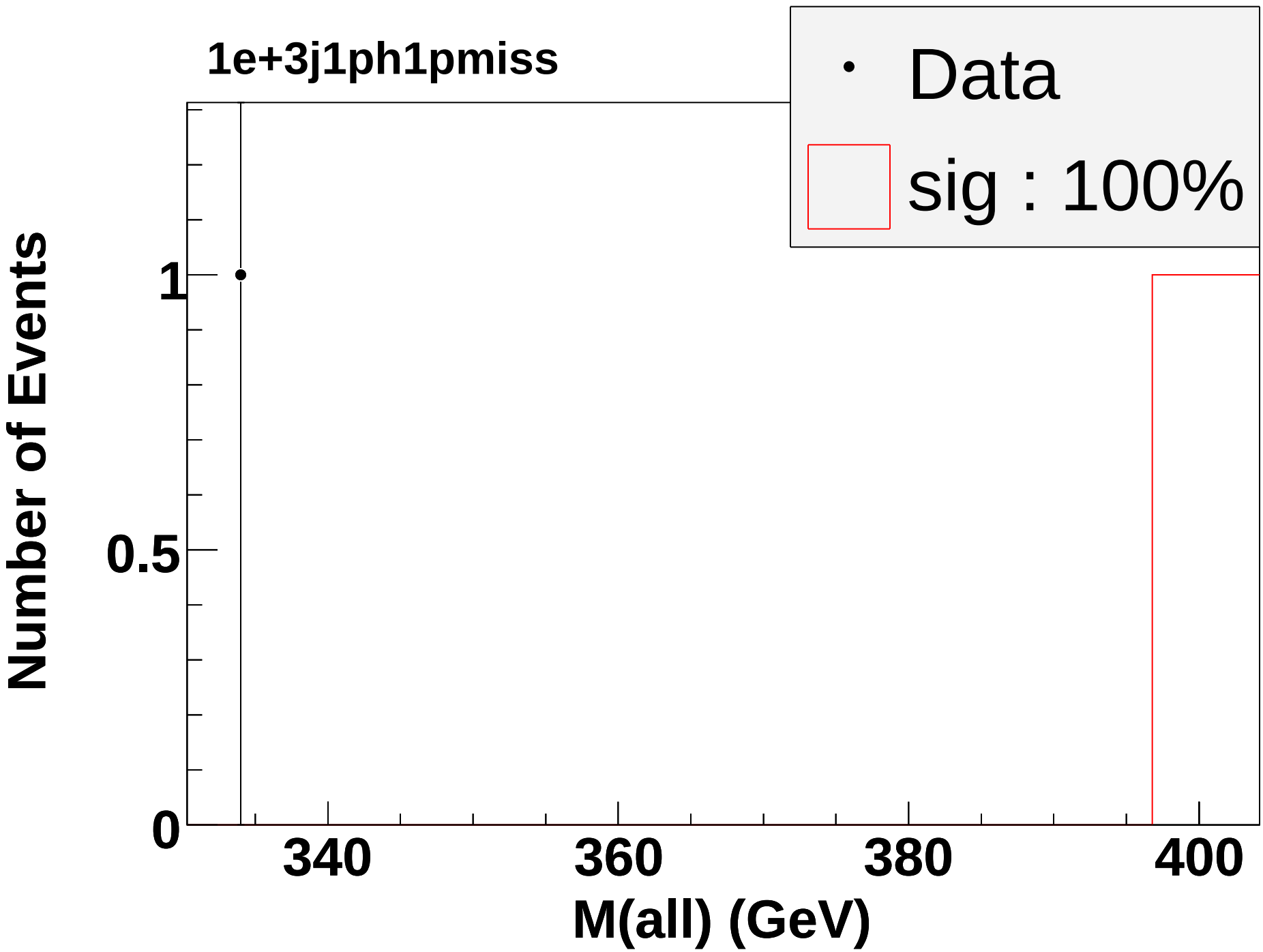

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
160
180
200
220
M(W,j1,j2) (GeV)

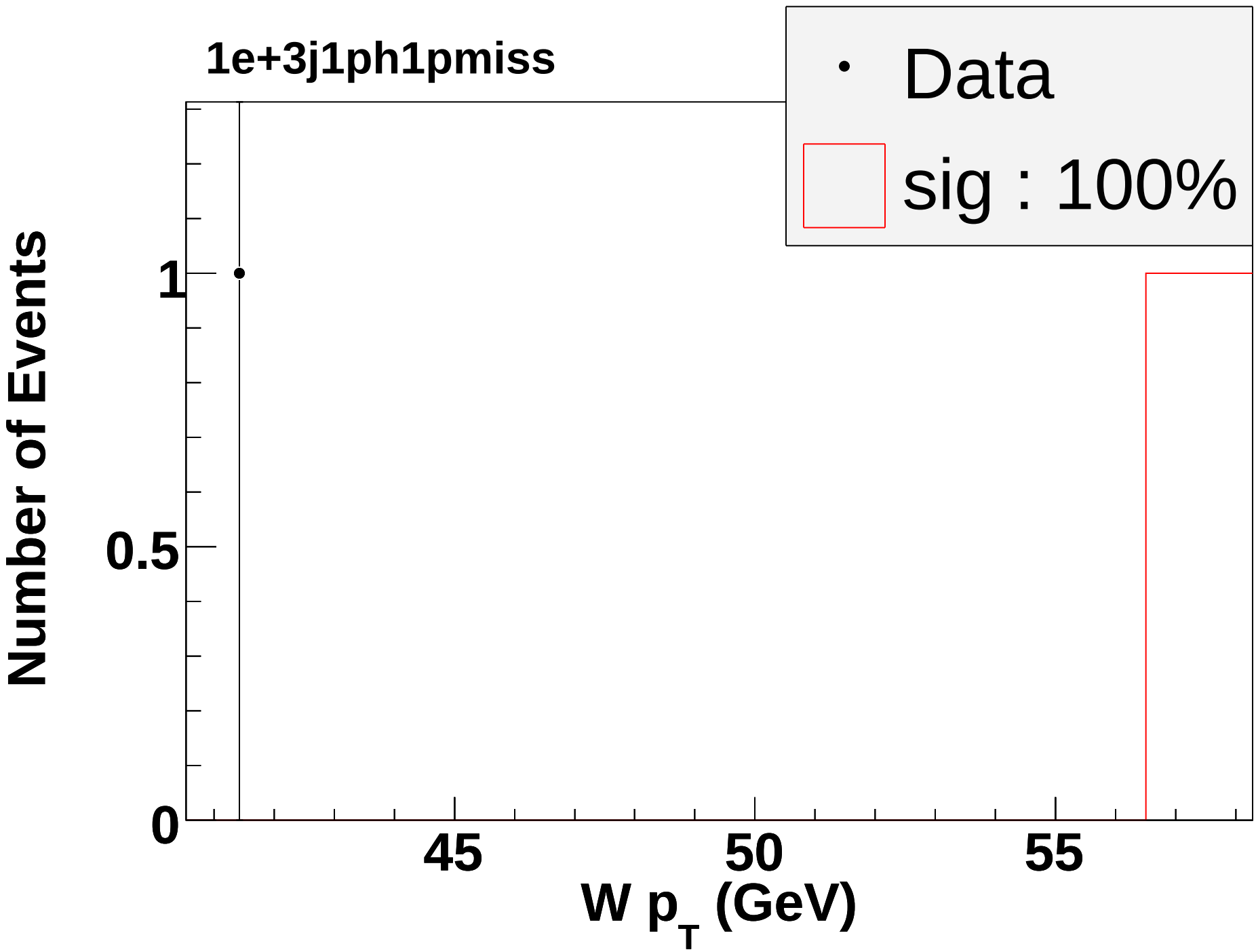

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
178
180
182
M(W,j1,j3) (GeV)

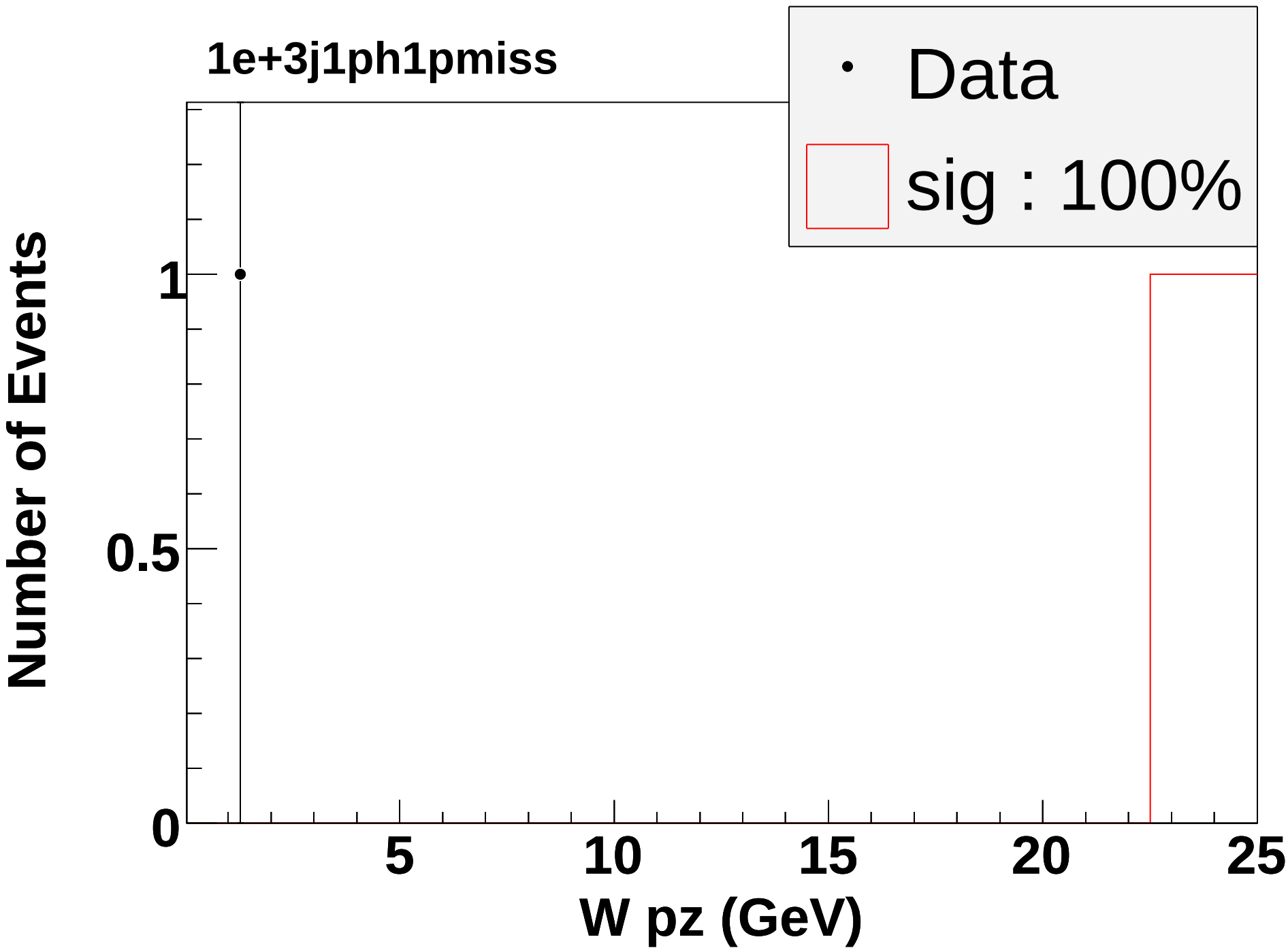

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
120
140
160
M(W,j2) (GeV)

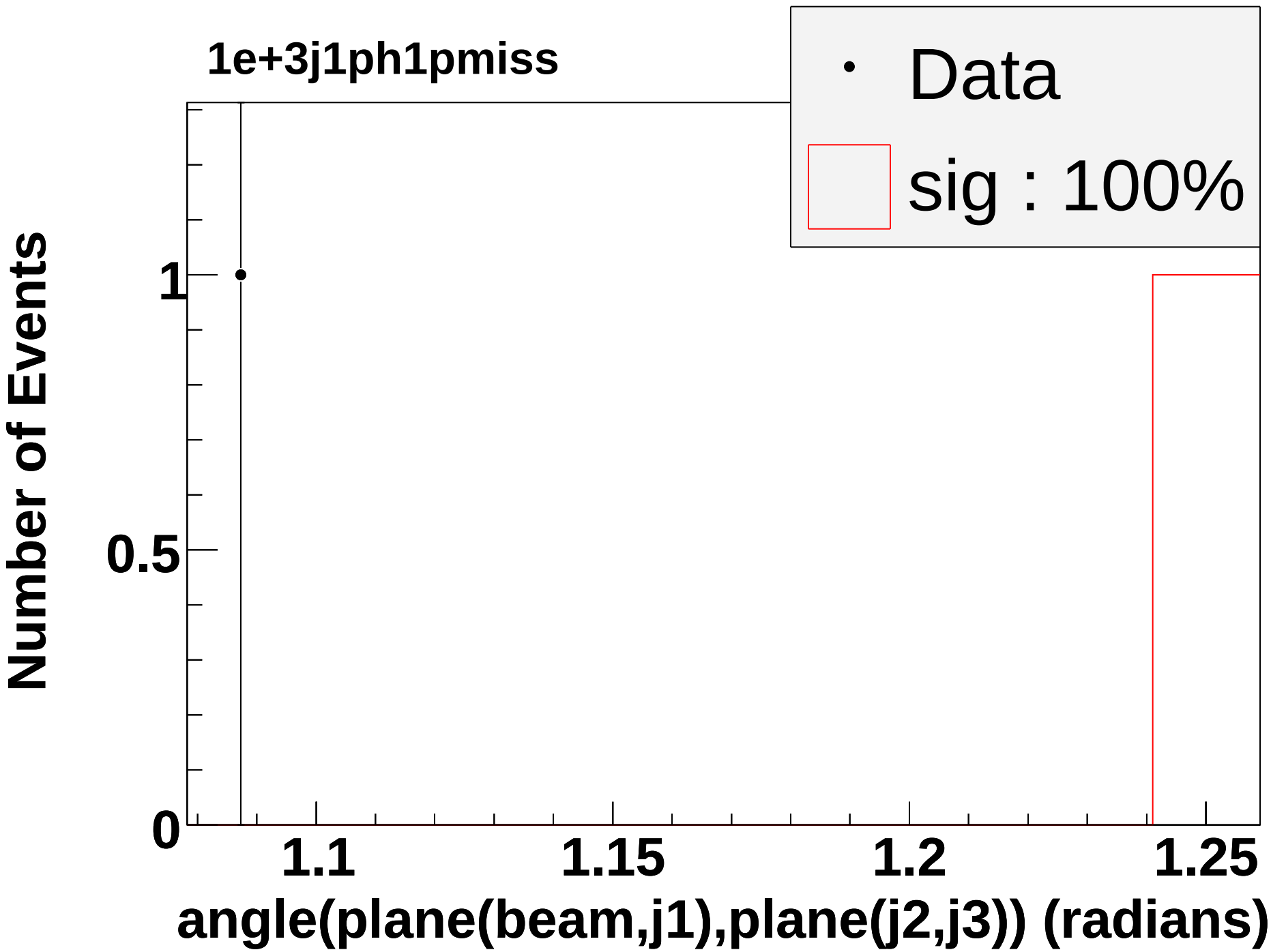

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
190
200
210
220
M(W,j2,j3) (GeV)

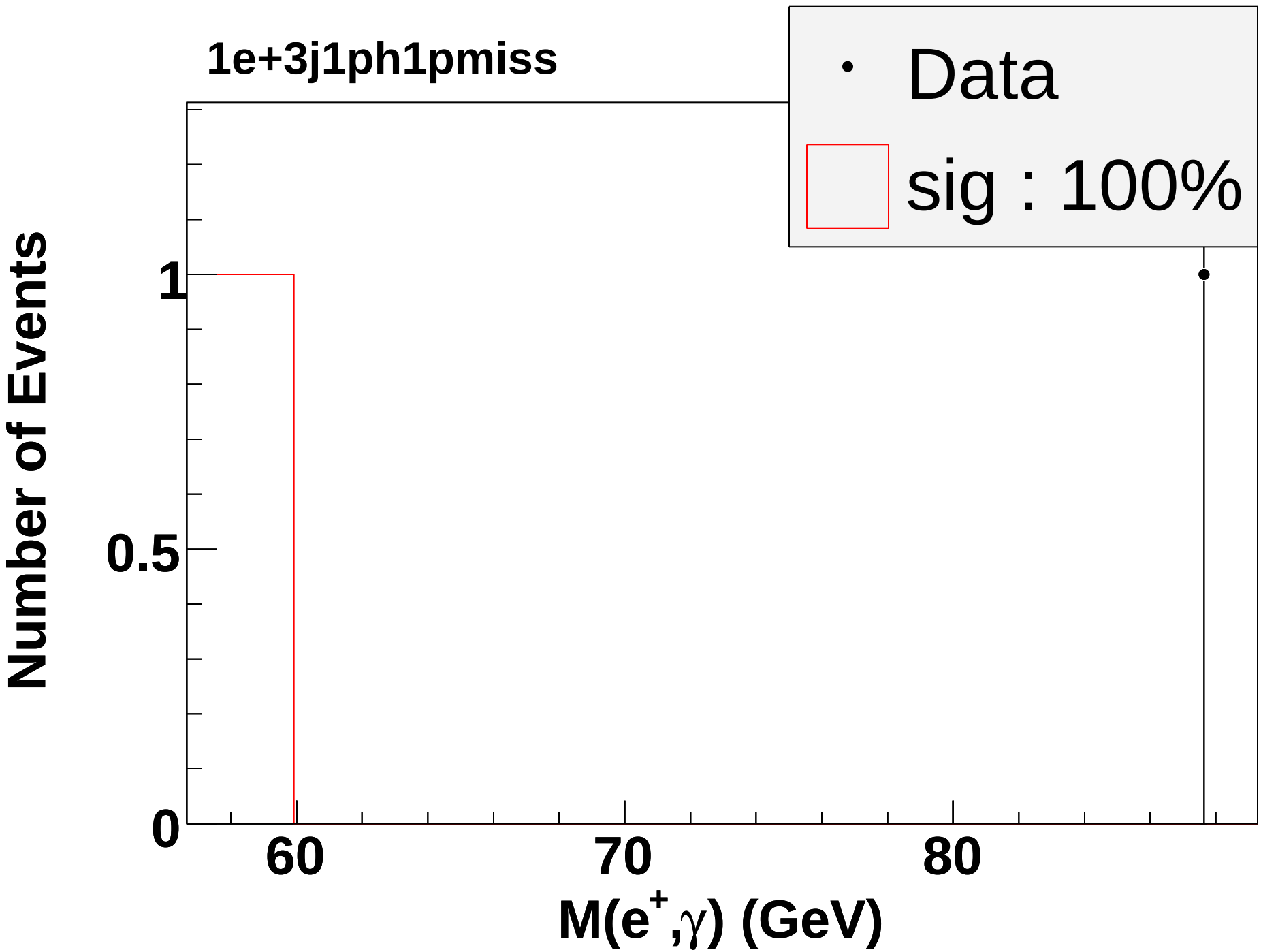

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
125
130
135
M(W,j3) (GeV)

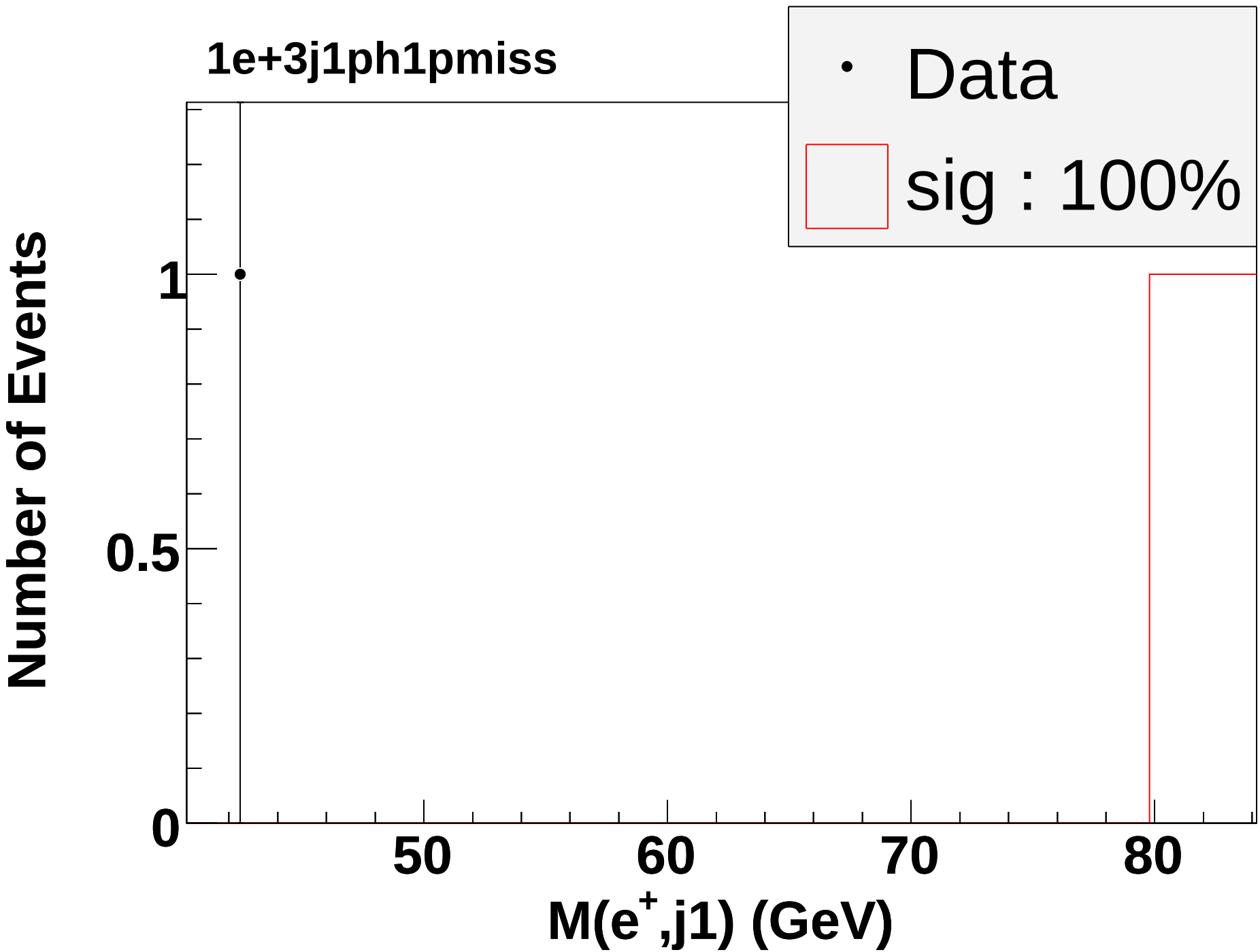

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
340
360
380
400
M(all) (GeV)

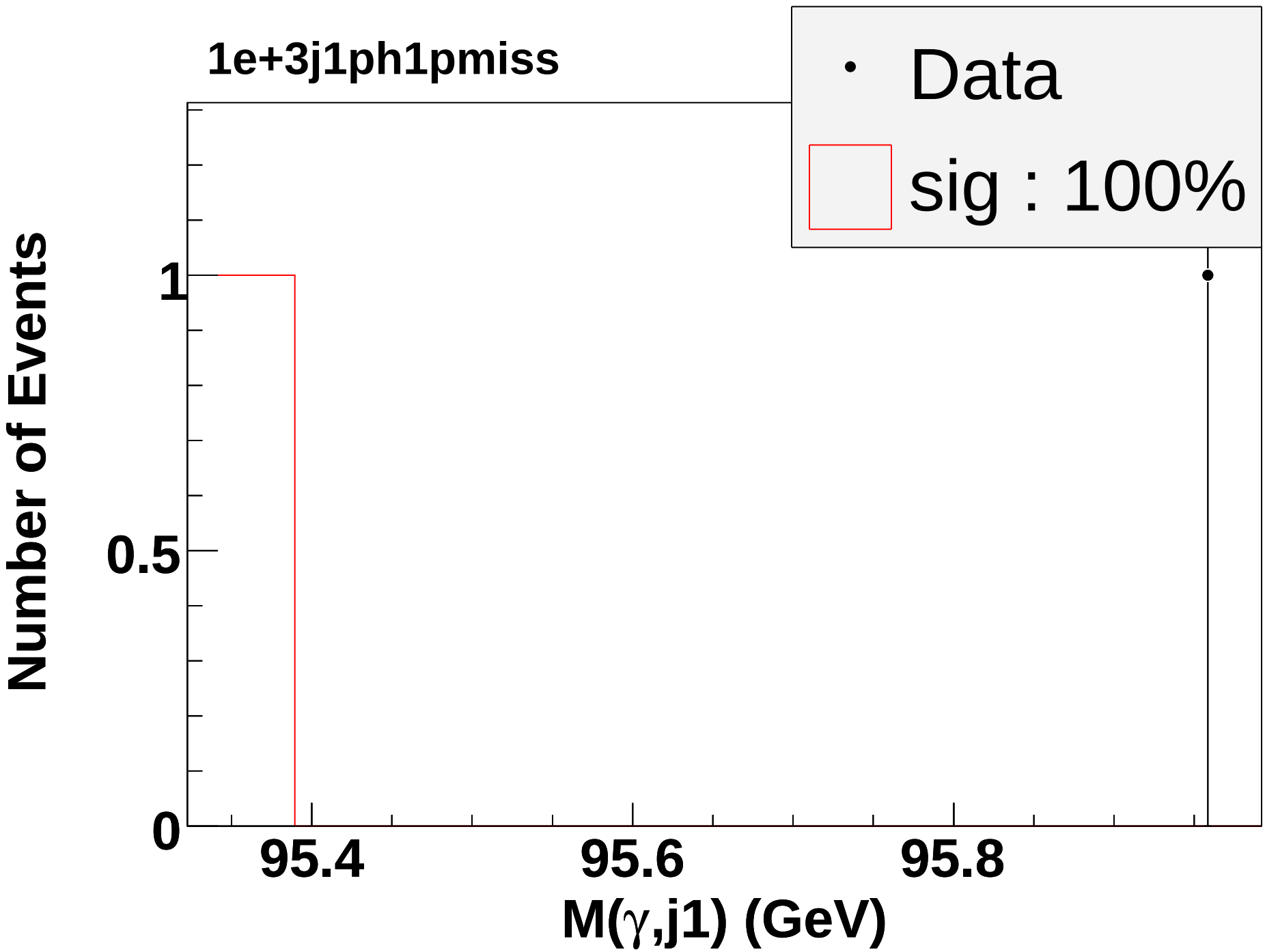

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
45
50
55
W p_T (GeV)

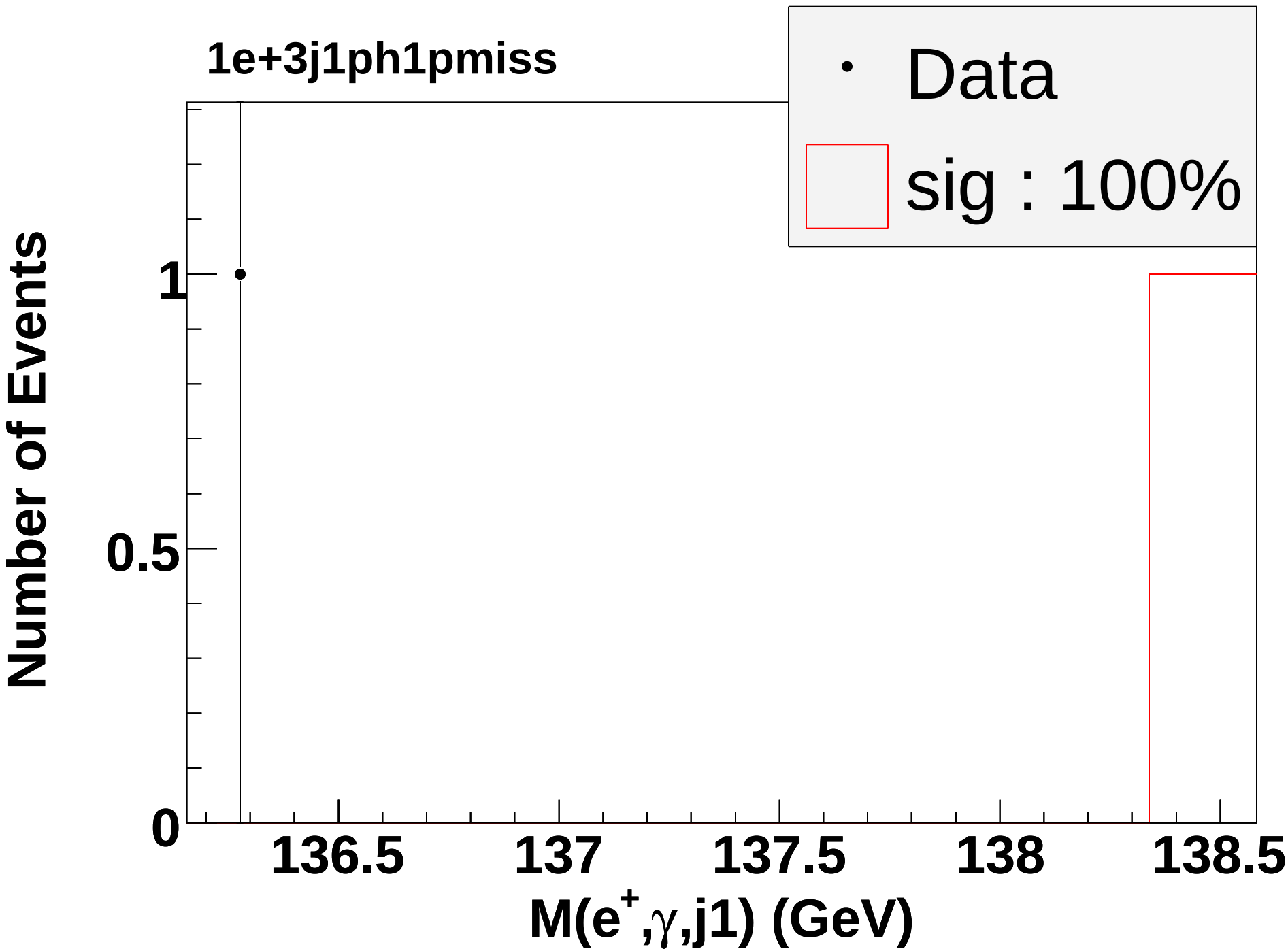

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
5
10
15
20
25
W pz (GeV)

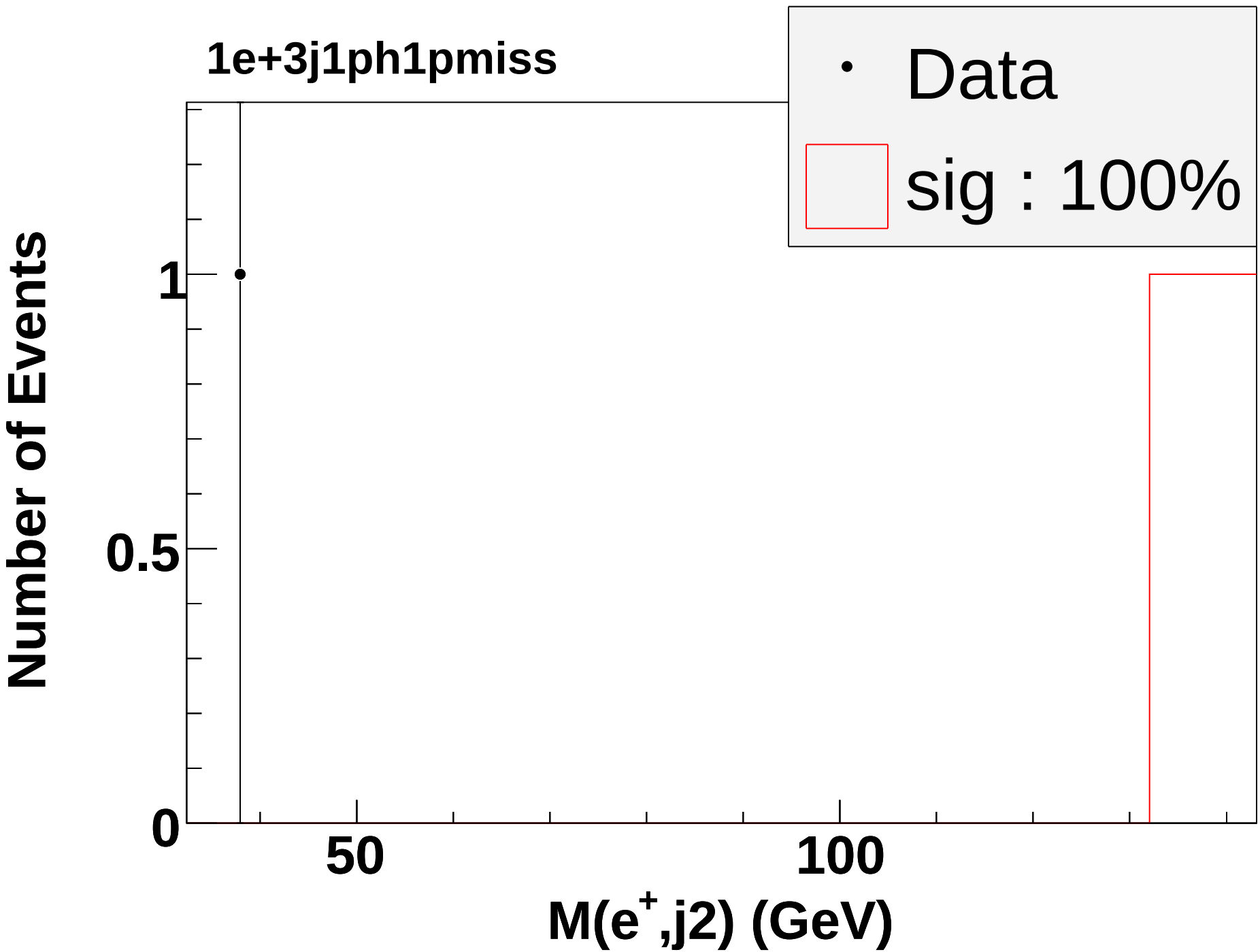

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
1.1
1.15
1.2
1.25
angle(plane(beam,j1),plane(j2,j3)) (radians)

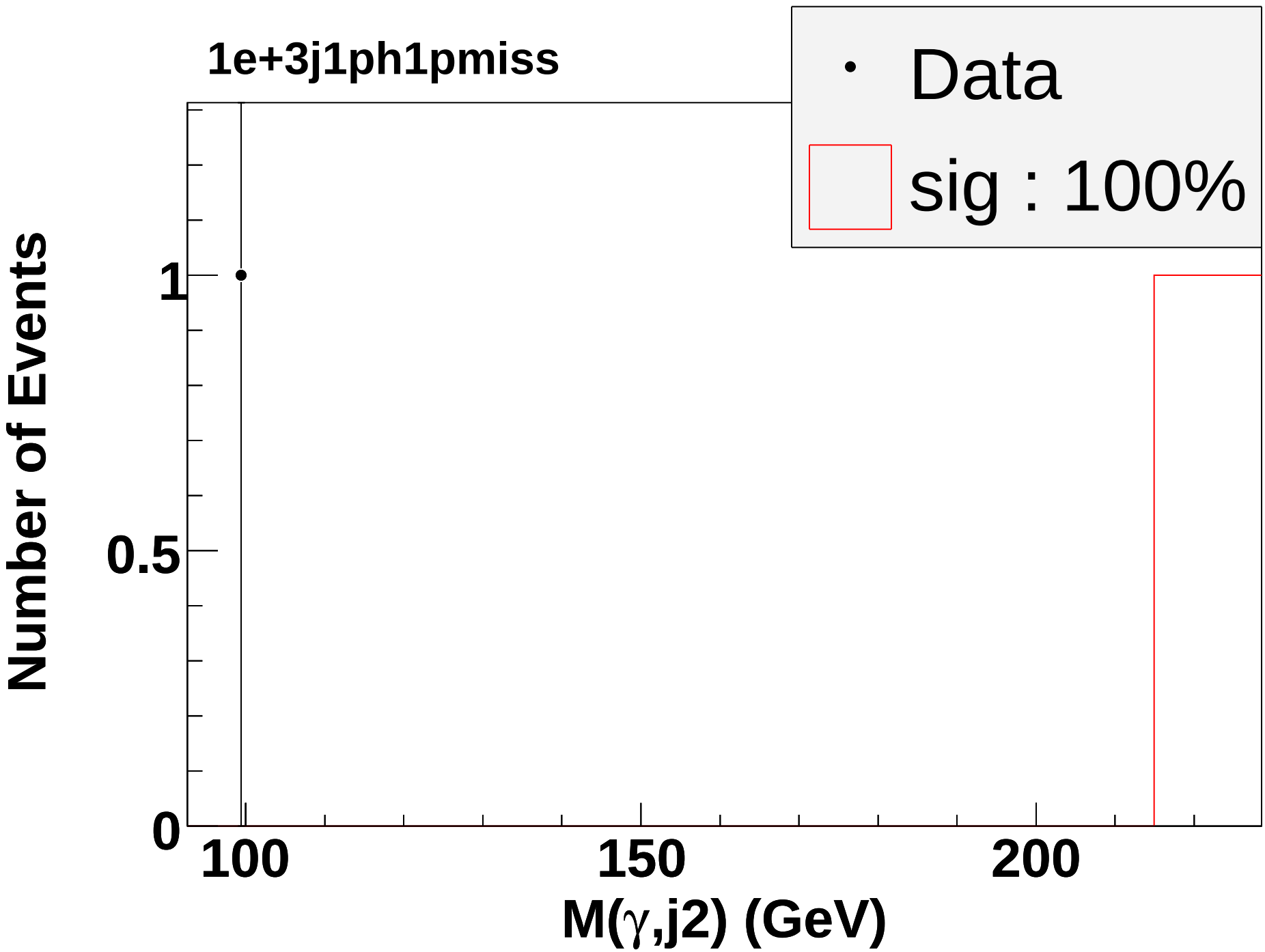

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
60
70
80
M(e+,γ) (GeV)

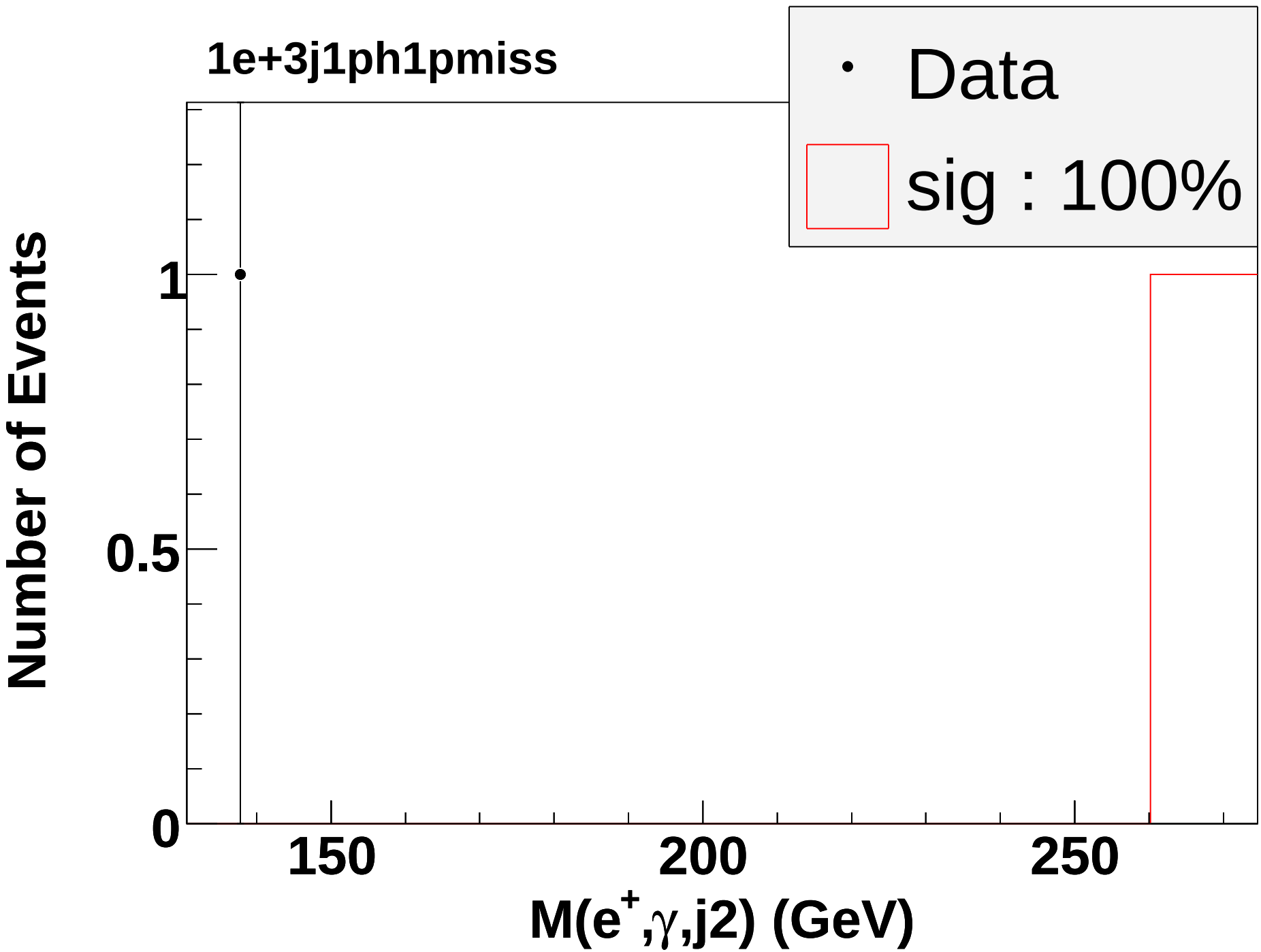

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
50
60
70
80
M(e+,j1) (GeV)

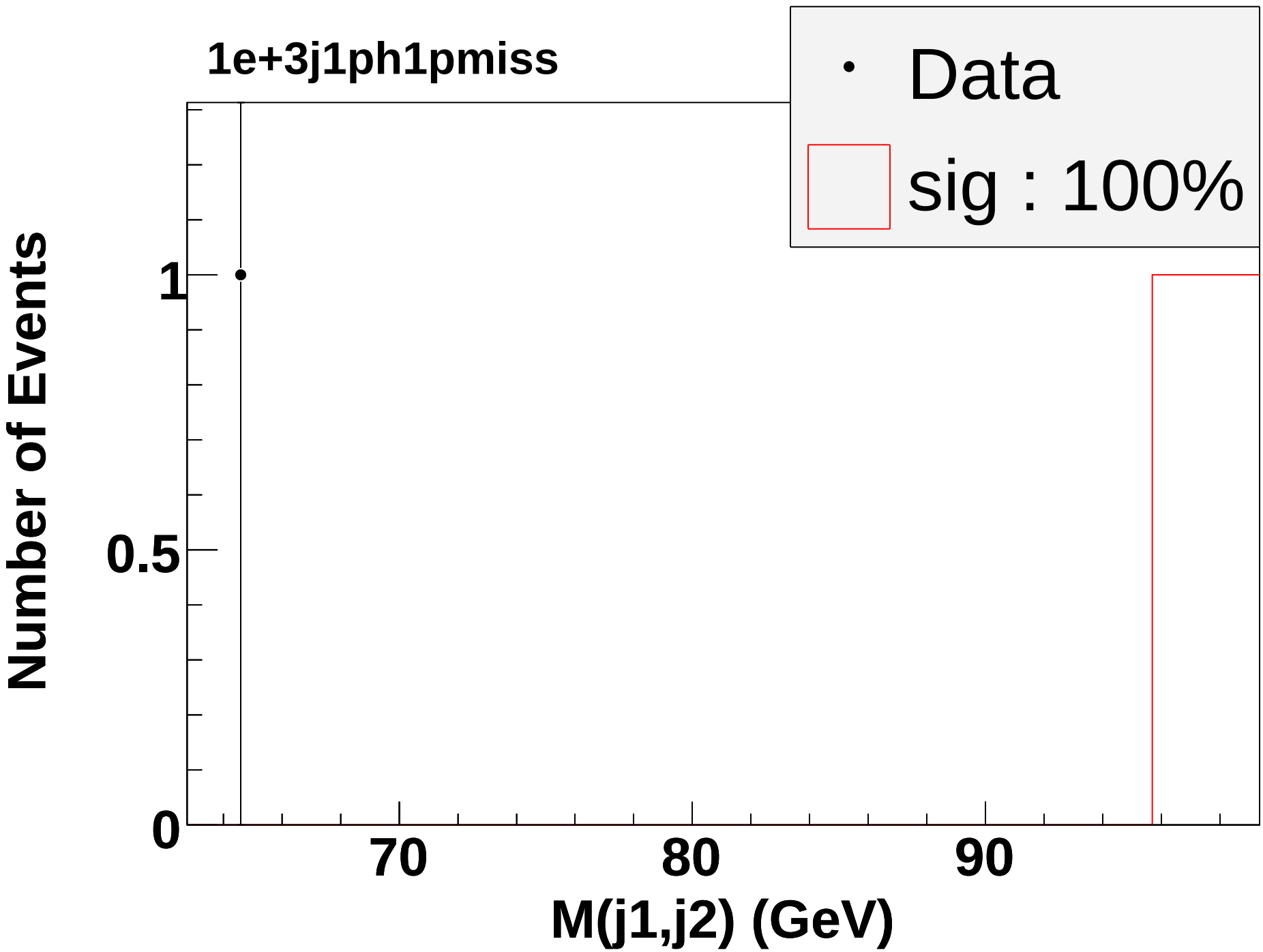

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
95.4
95.6
95.8
M(γ,j1) (GeV)

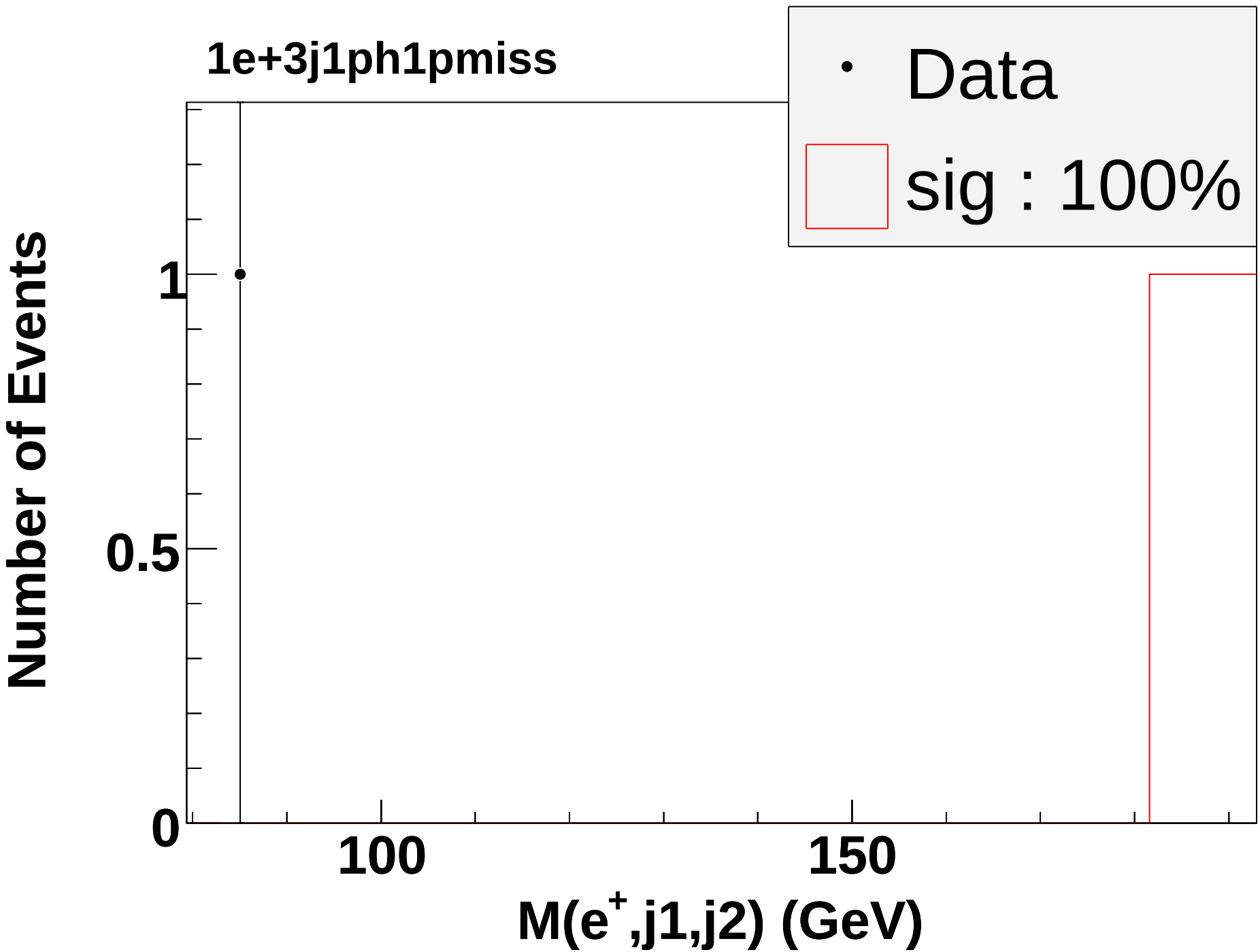

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
136.5
137
137.5
138
138.5
M(e+,γ,j1) (GeV)

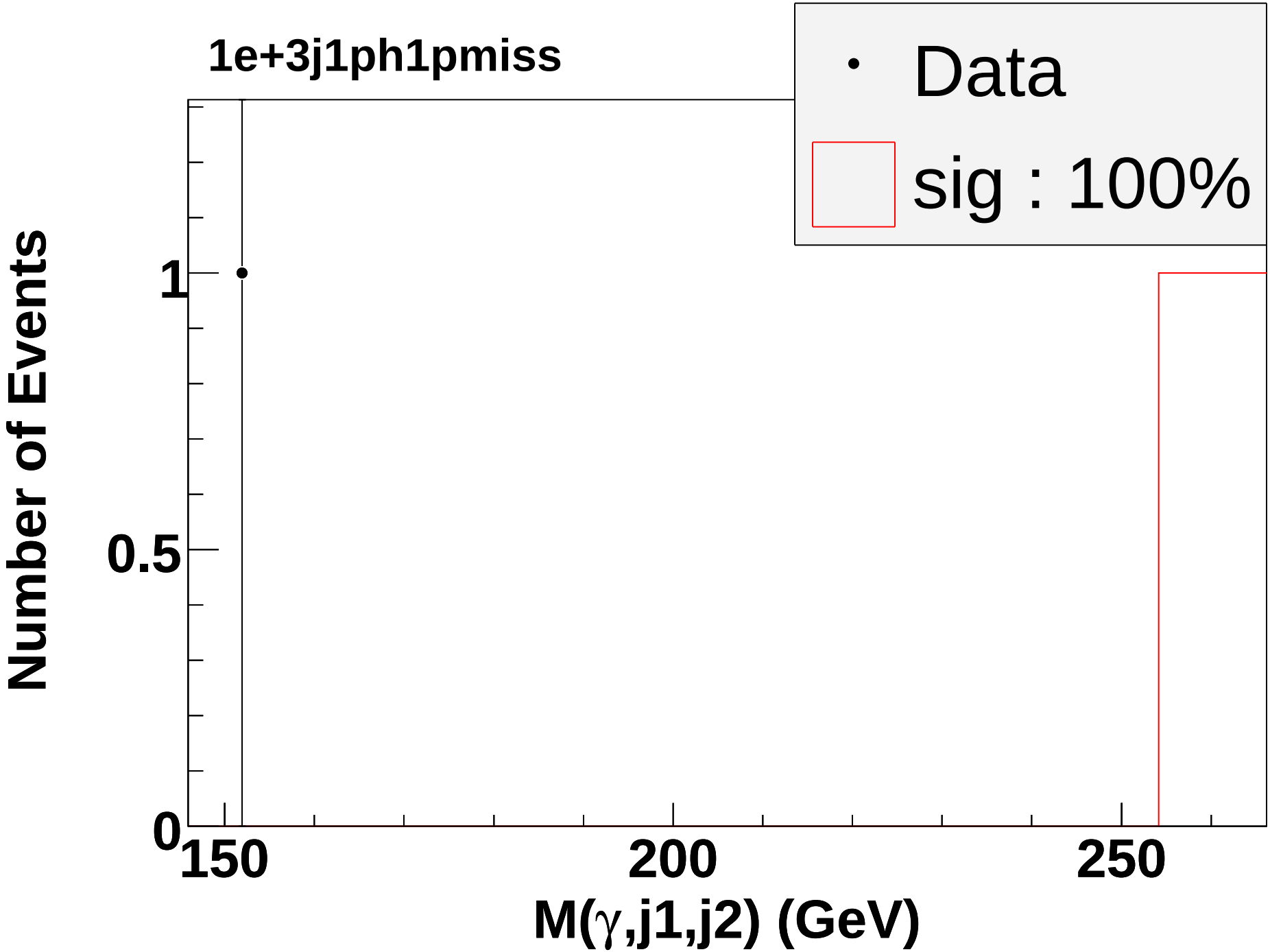

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
50
100
M(e+,j2) (GeV)

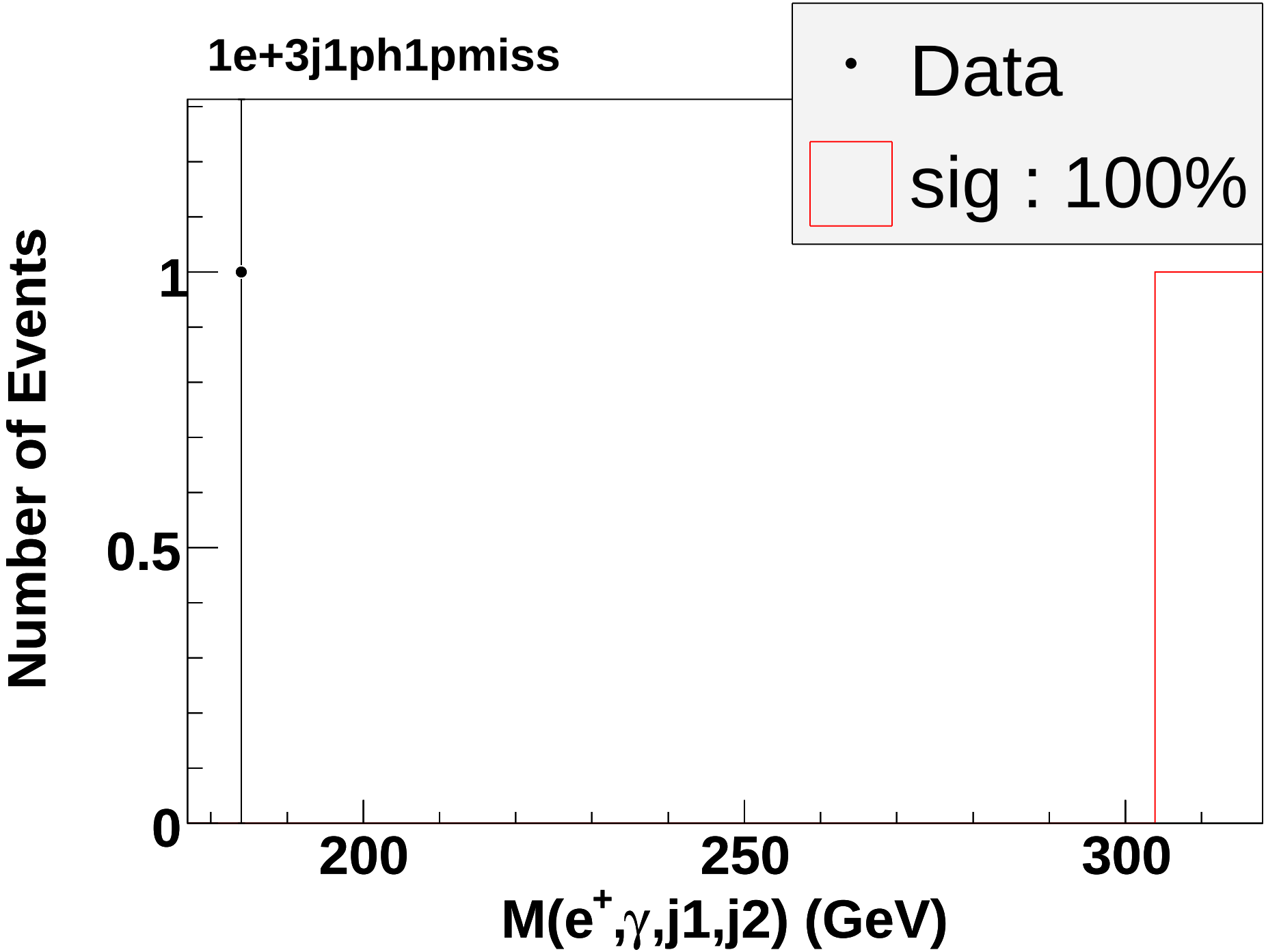

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
100
150
200
M(γ,j2) (GeV)

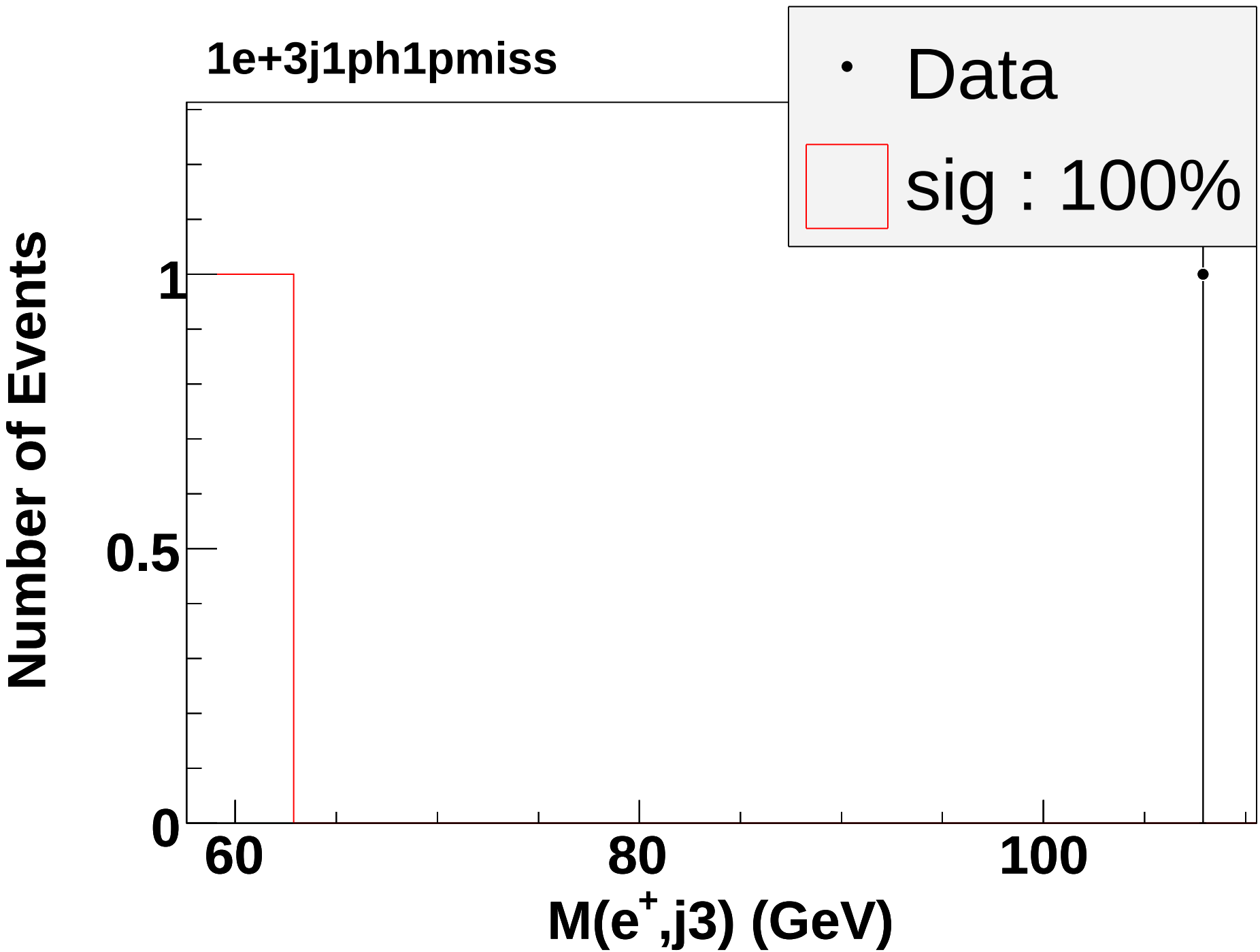

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
150
200
250
M(e+,γ,j2) (GeV)

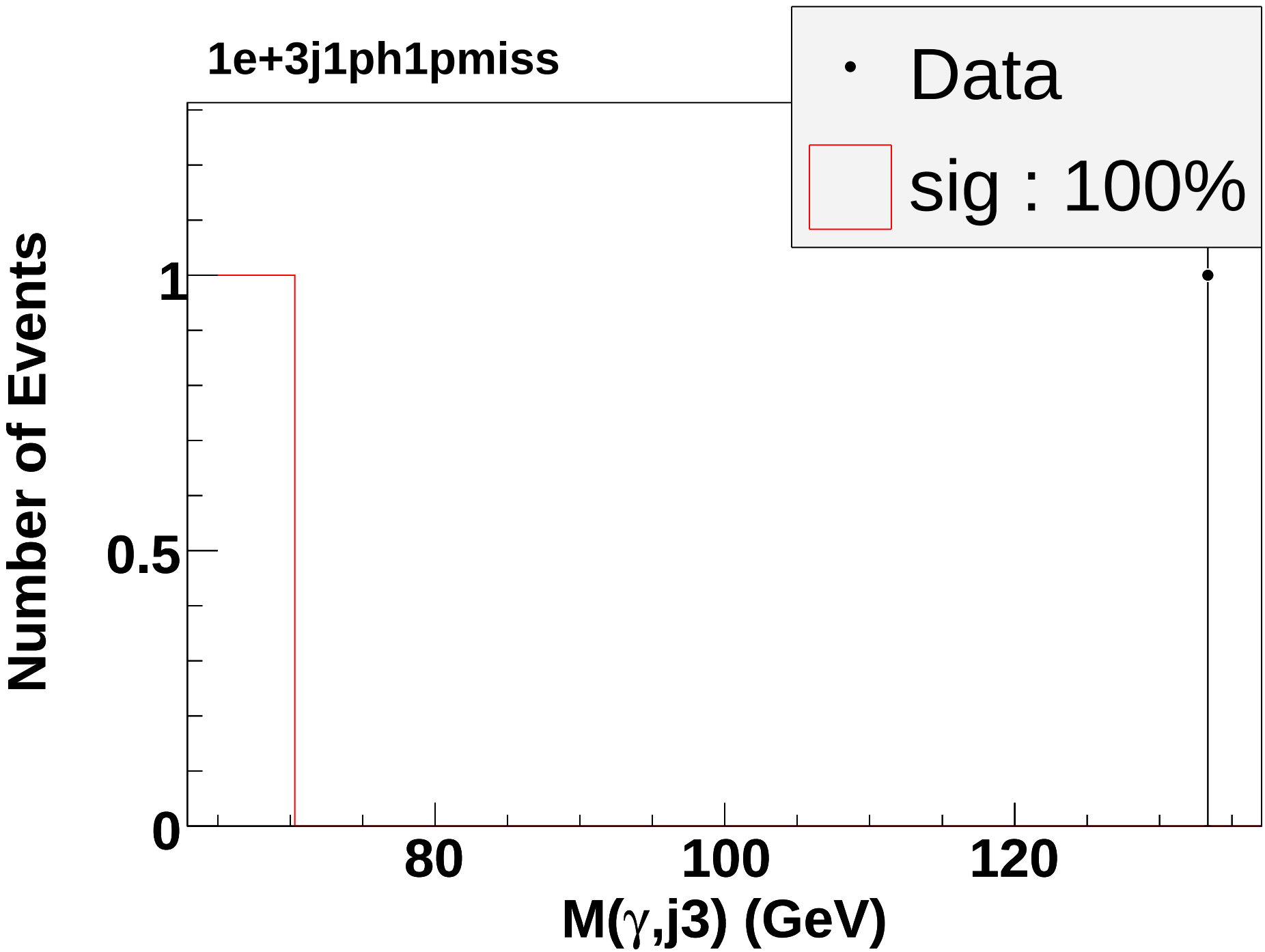

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
70
80
90
M(j1,j2) (GeV)

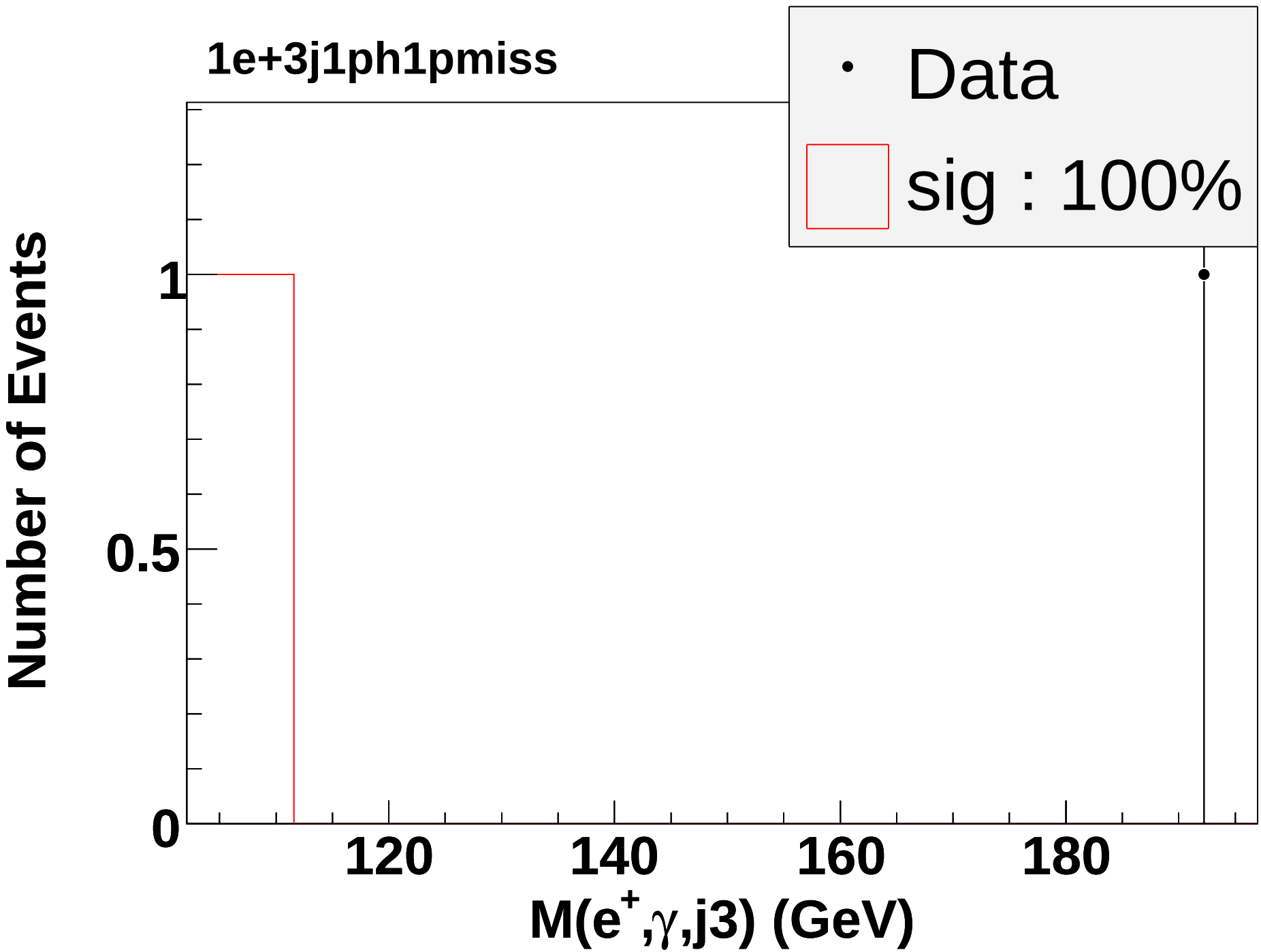

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
100
150
M(e+,j1,j2) (GeV)

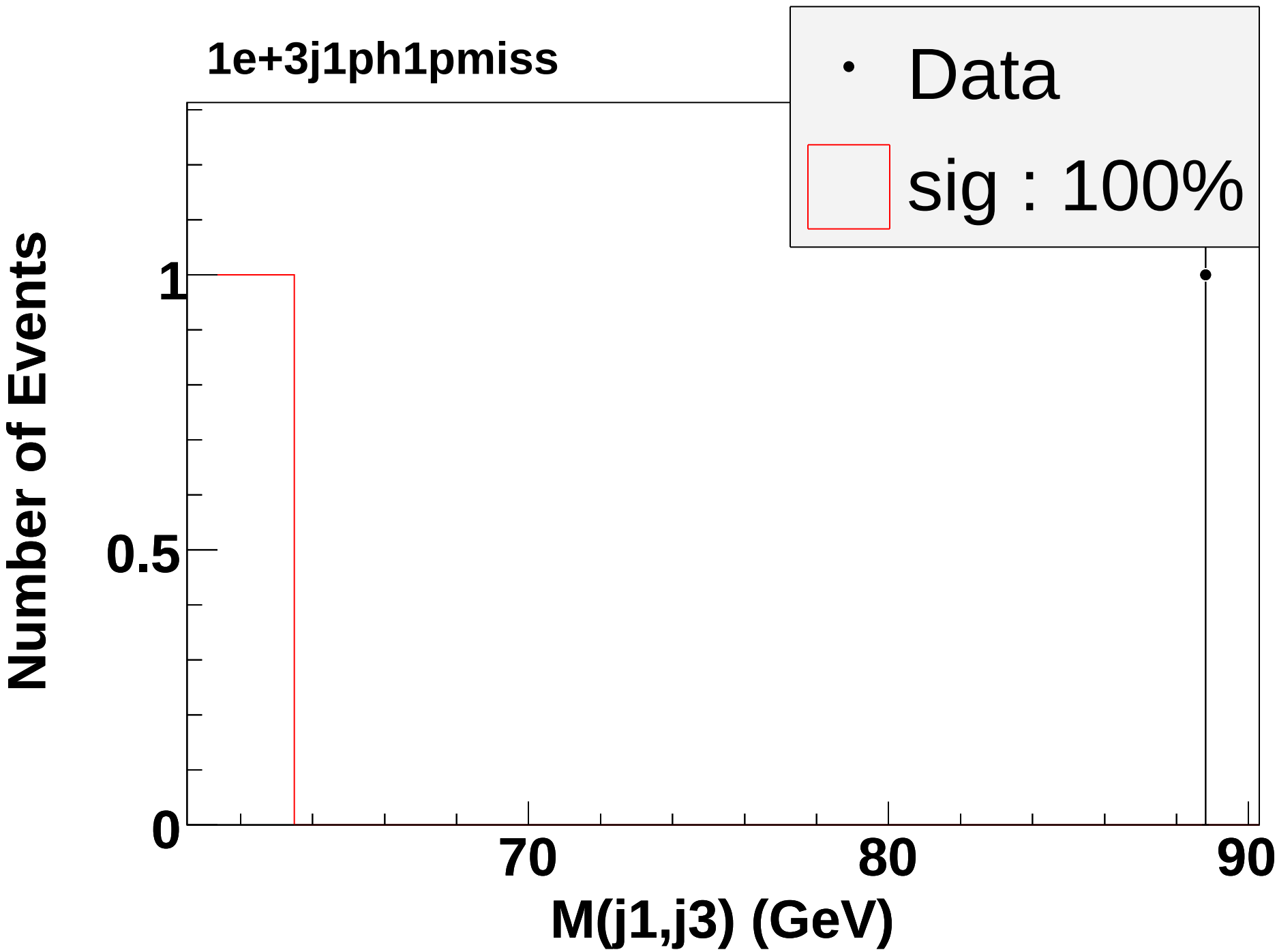

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
150
200
250
M(γ,j1,j2) (GeV)

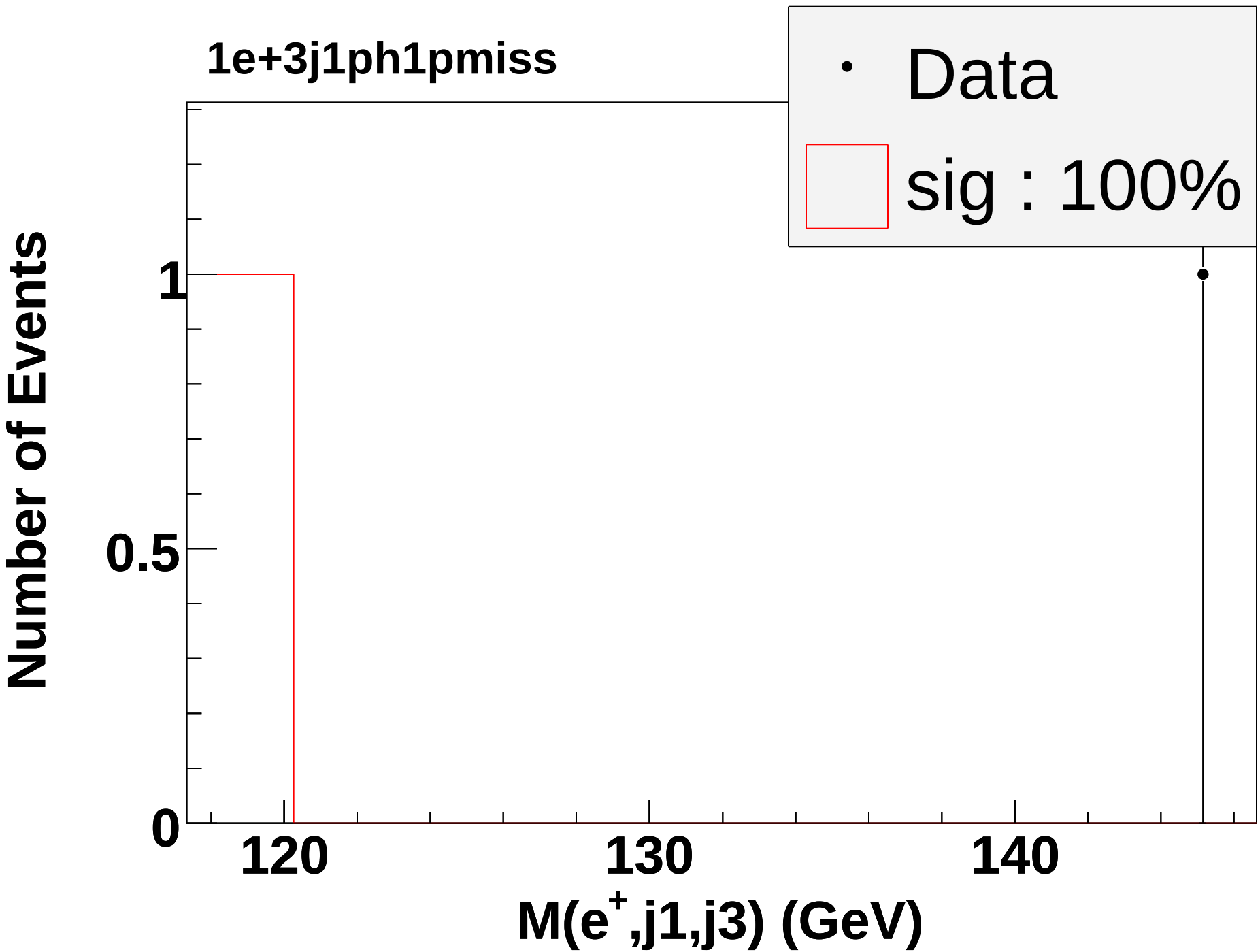

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
200
250
300
M(e+,γ,j1,j2) (GeV)

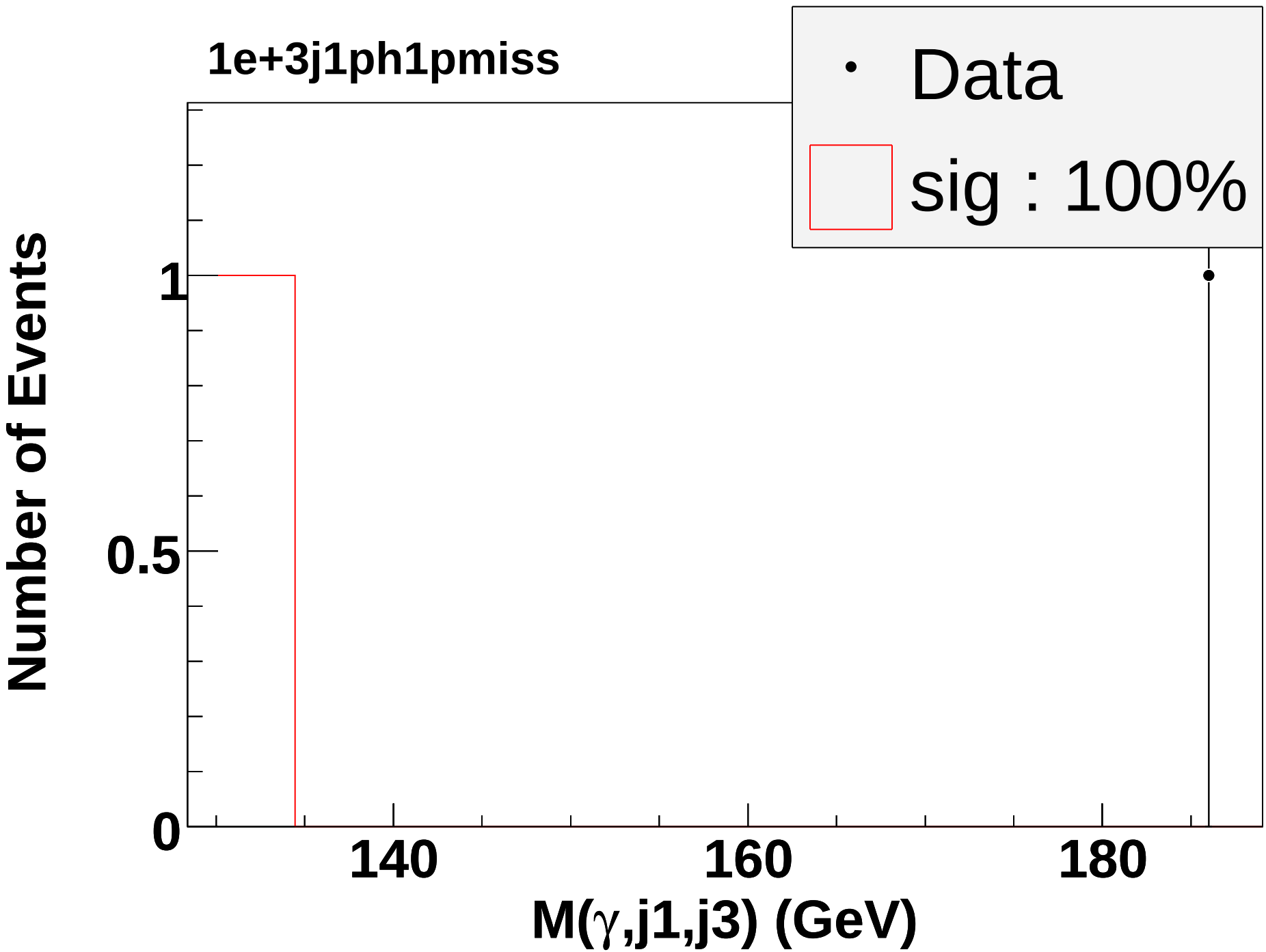

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
60
80
100
M(e+,j3) (GeV)

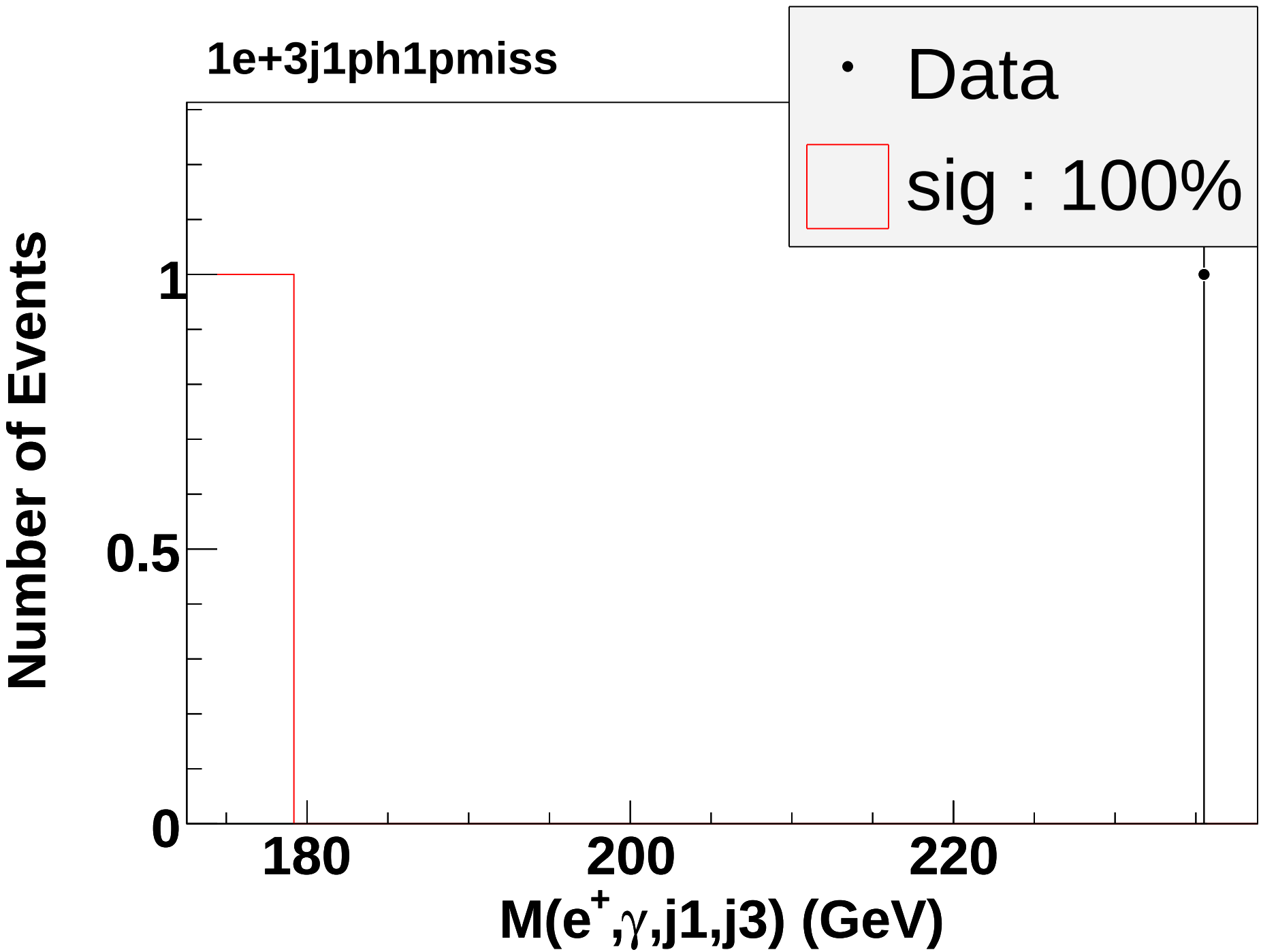

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
80
100
120
M(γ,j3) (GeV)

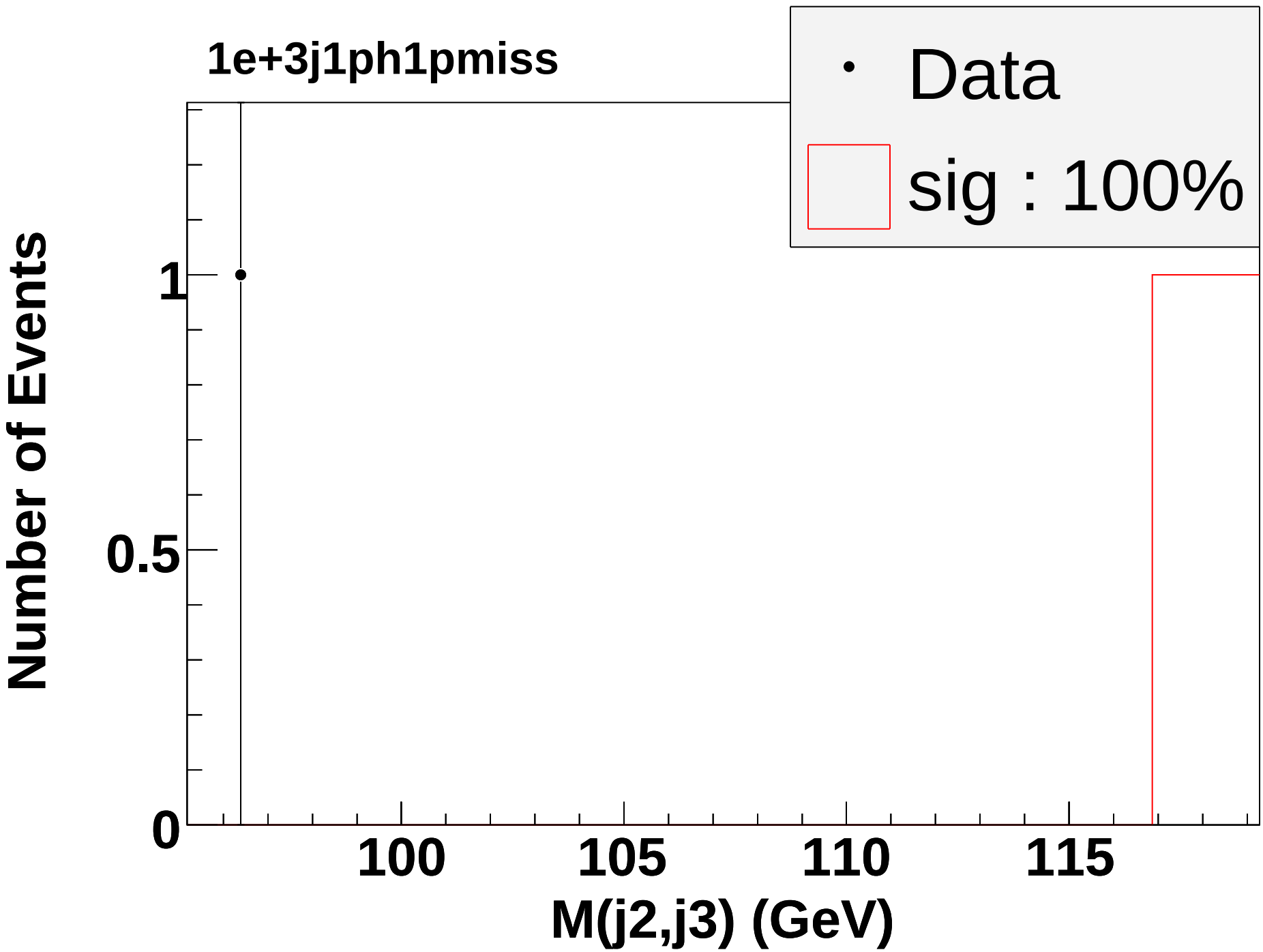

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
0
0.5
1
120
140
160
180
M(e+,γ,j3) (GeV)

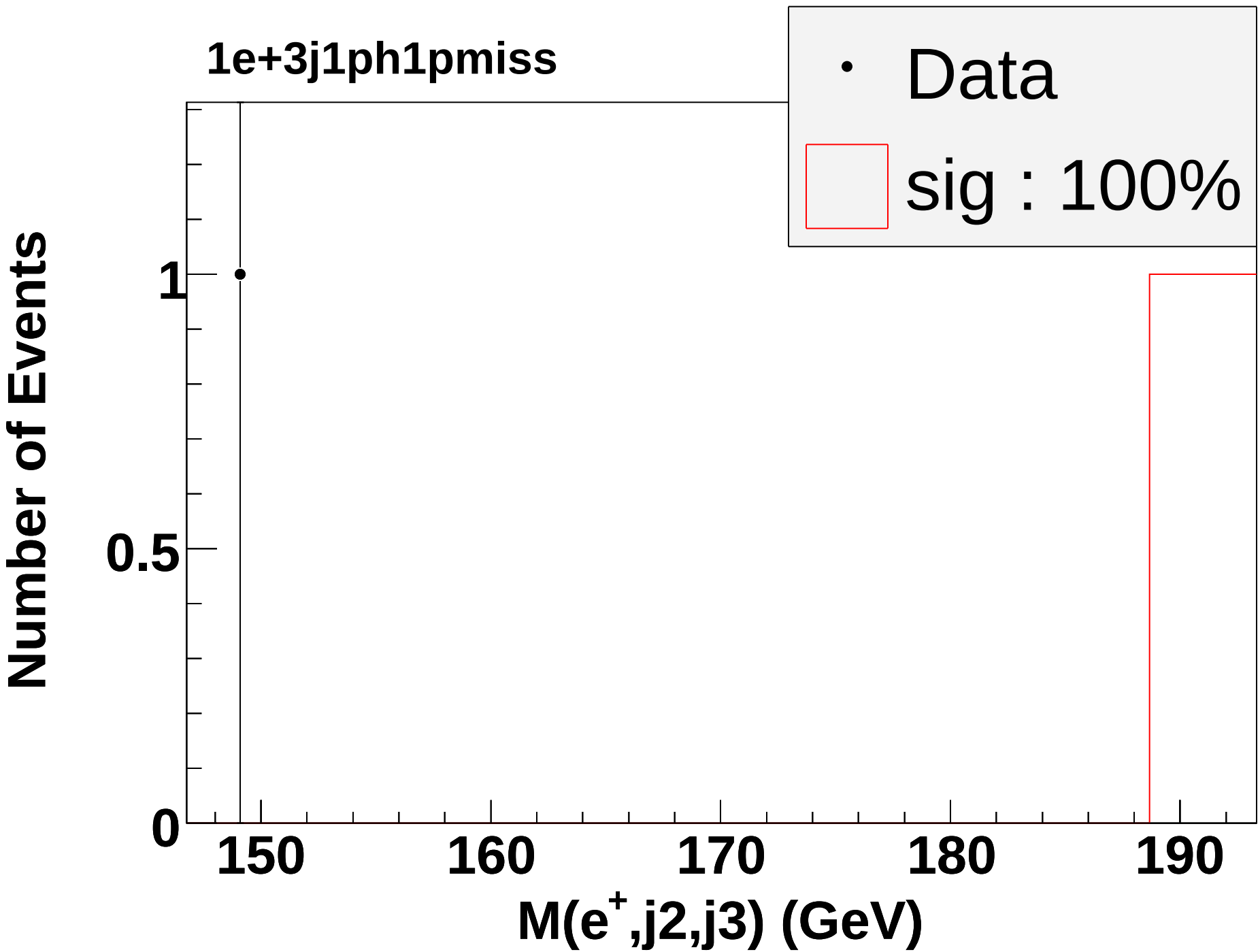

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
70
80
90
M(j1,j3) (GeV)

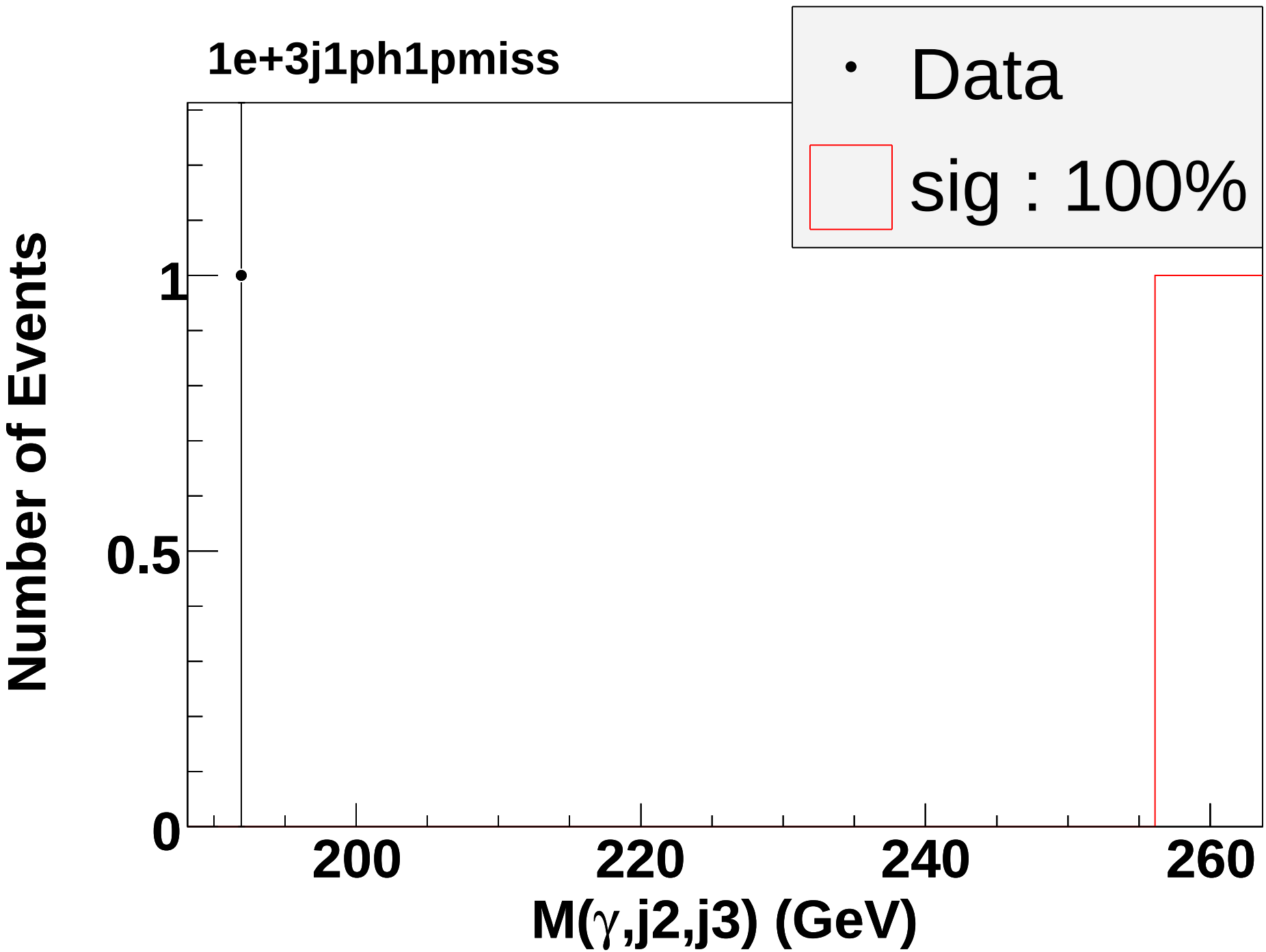

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
120
130
140
M(e+,j1,j3) (GeV)

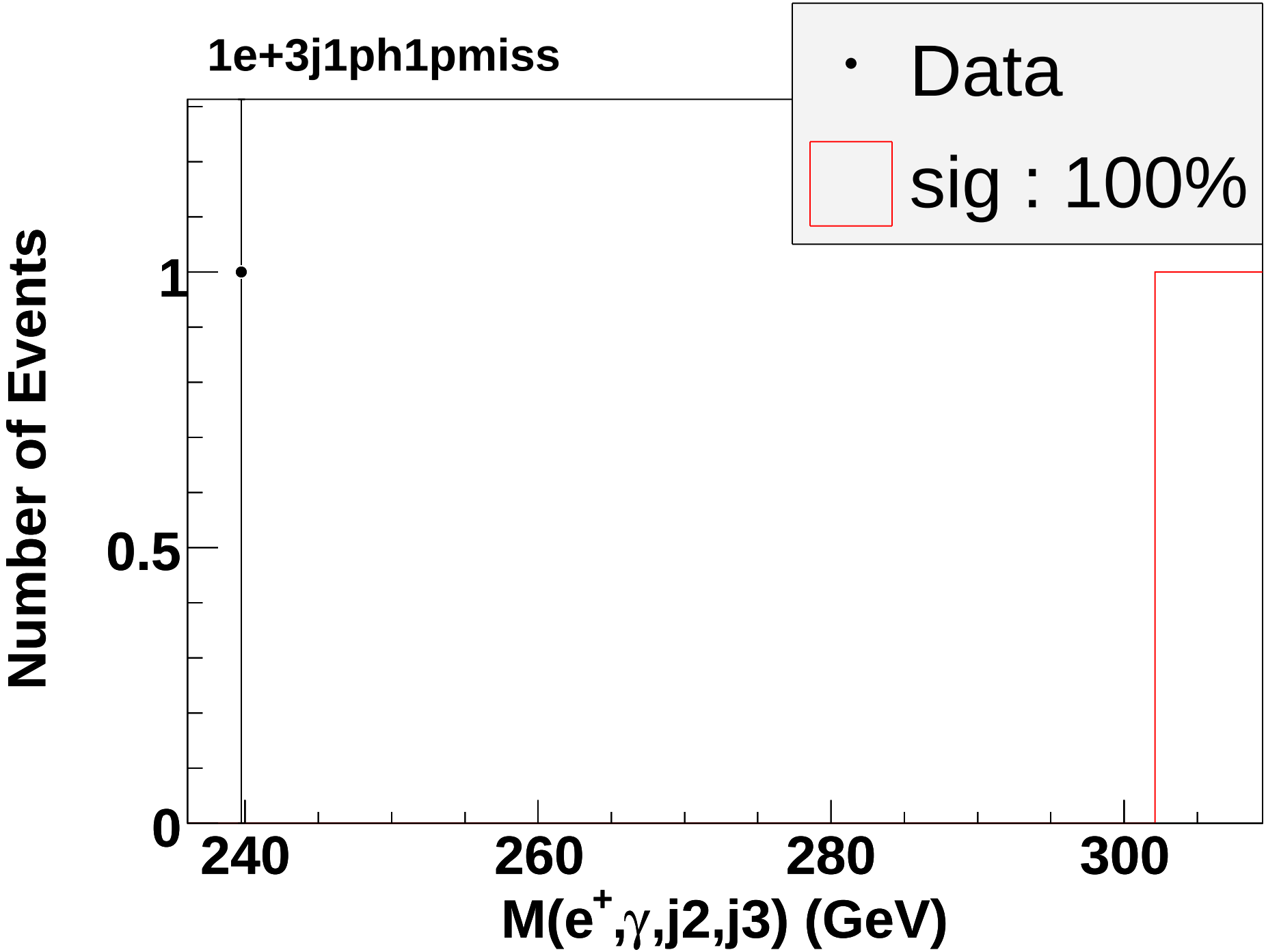

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
140
160
180
M(γ,j1,j3) (GeV)

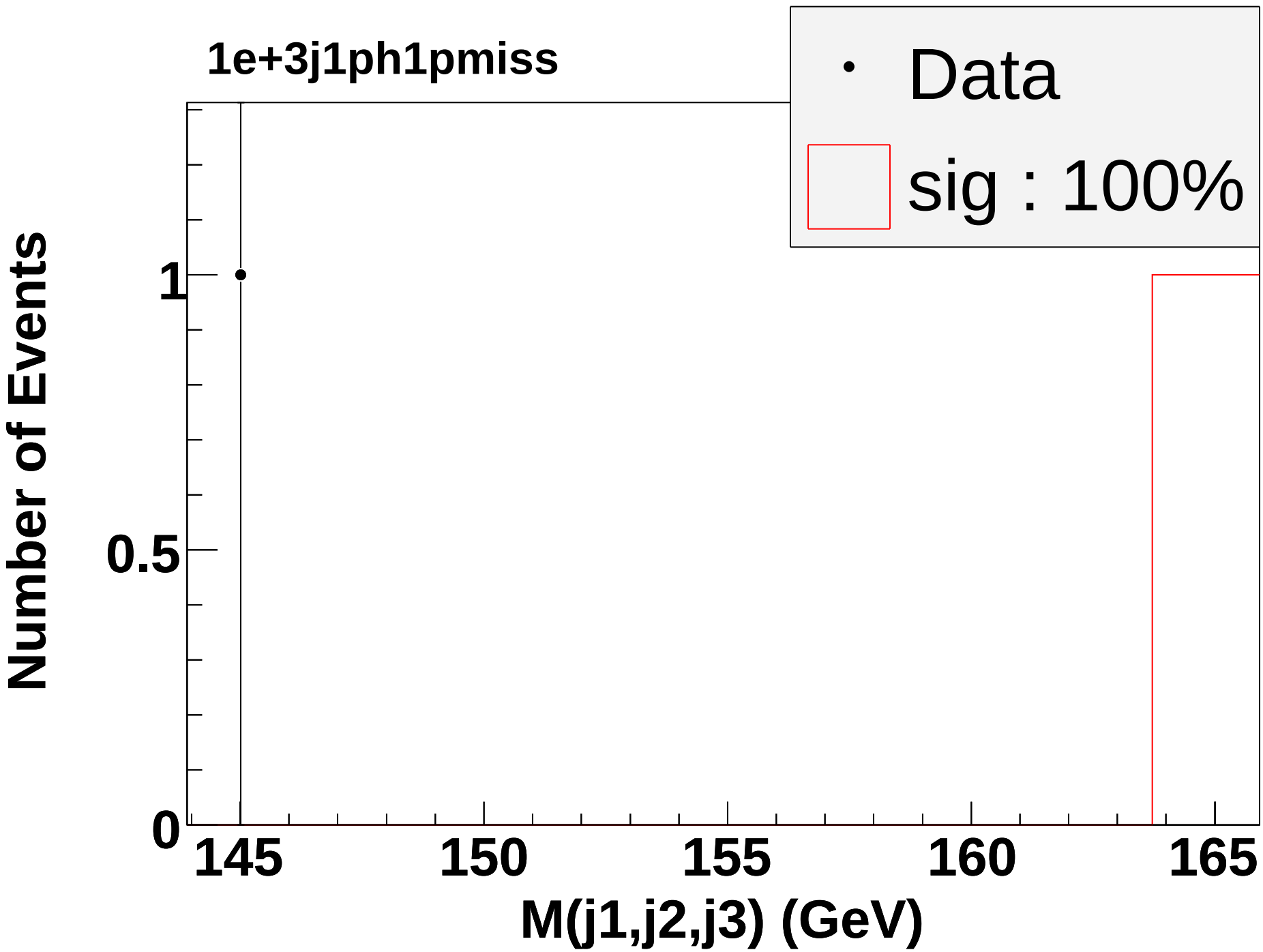

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
180
200
220
M(e+,γ,j1,j3) (GeV)

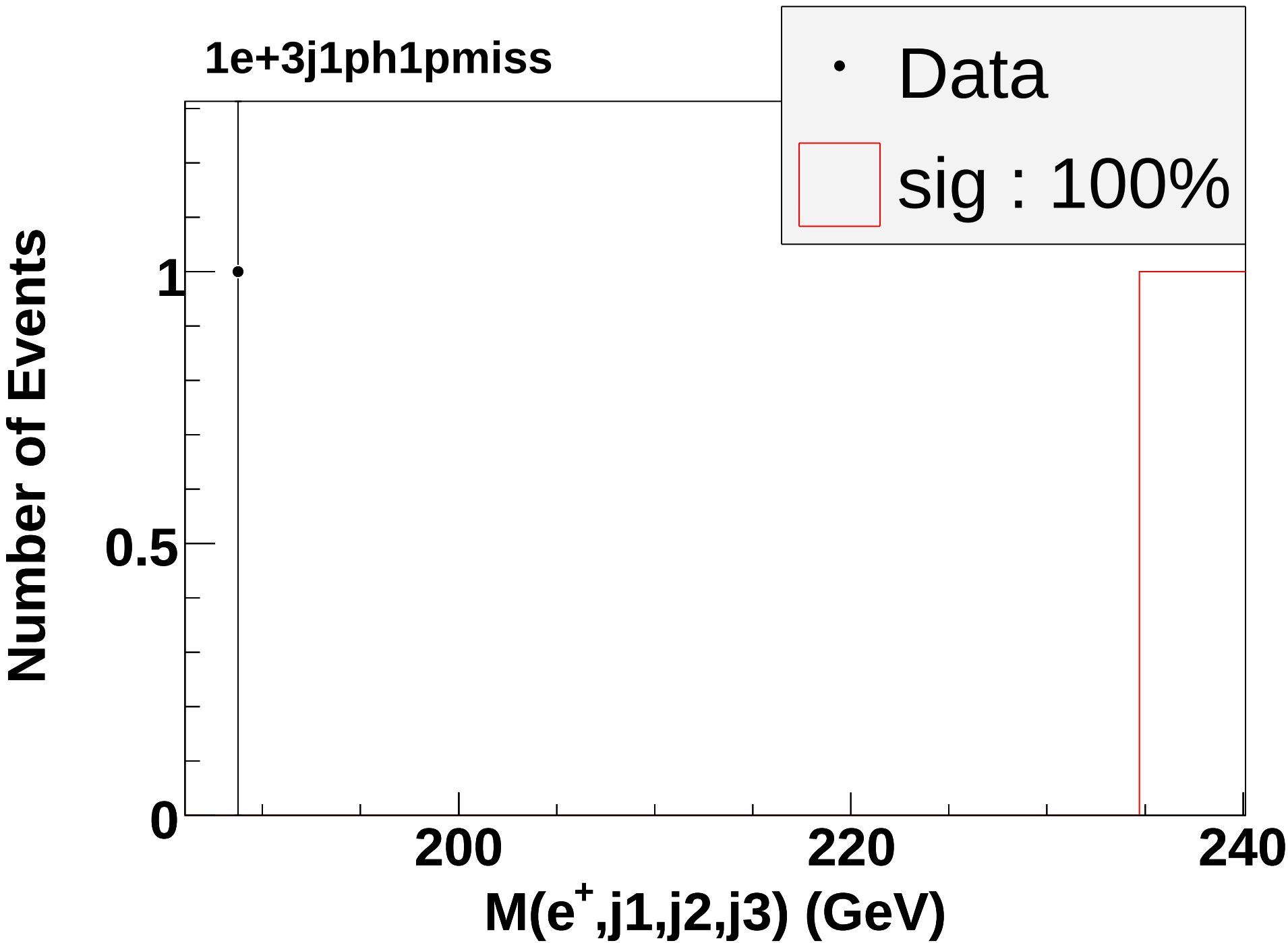

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
100
105
110
115
M(j2,j3) (GeV)

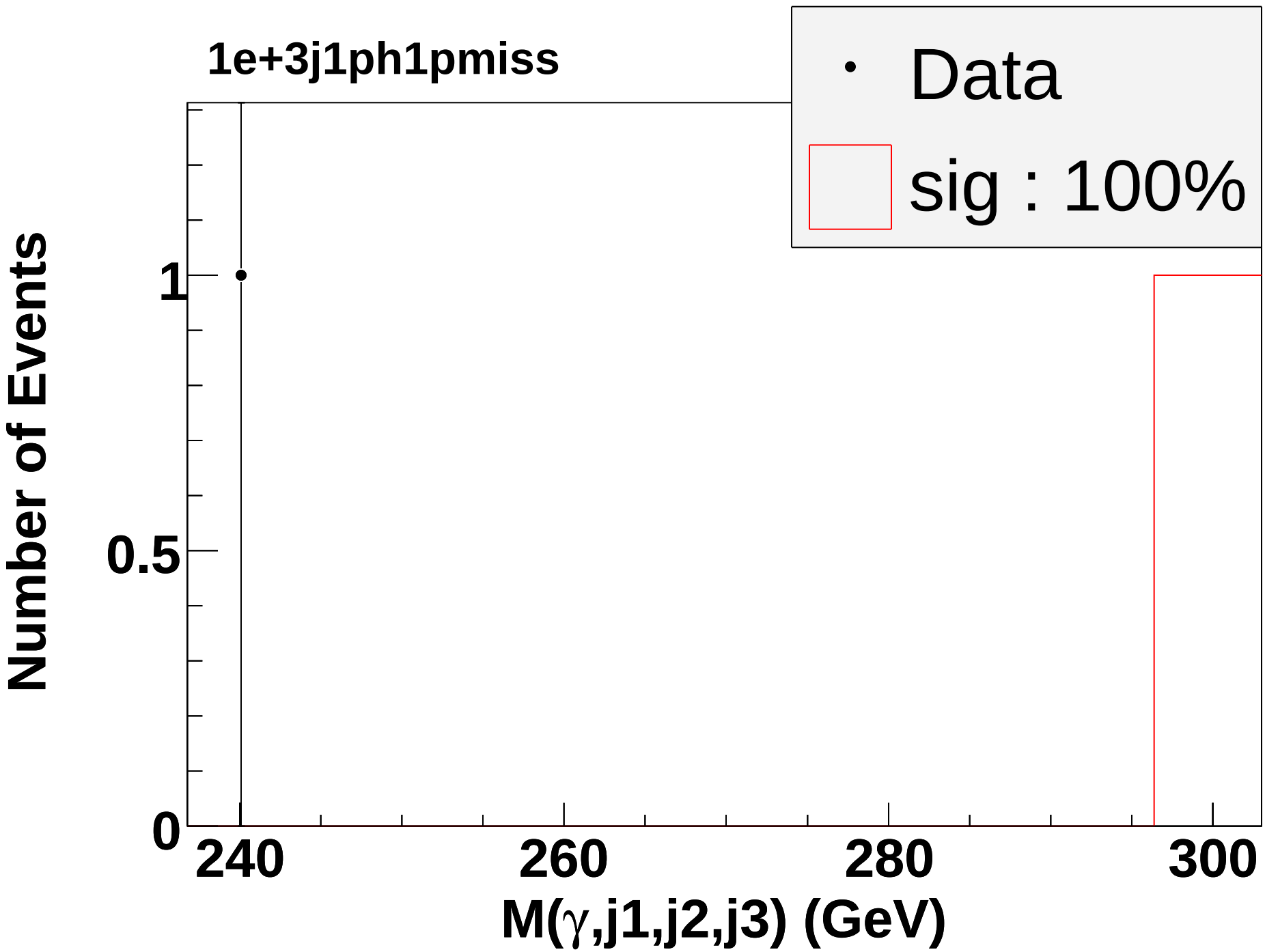

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
150
160
170
180
190
M(e+,j2,j3) (GeV)

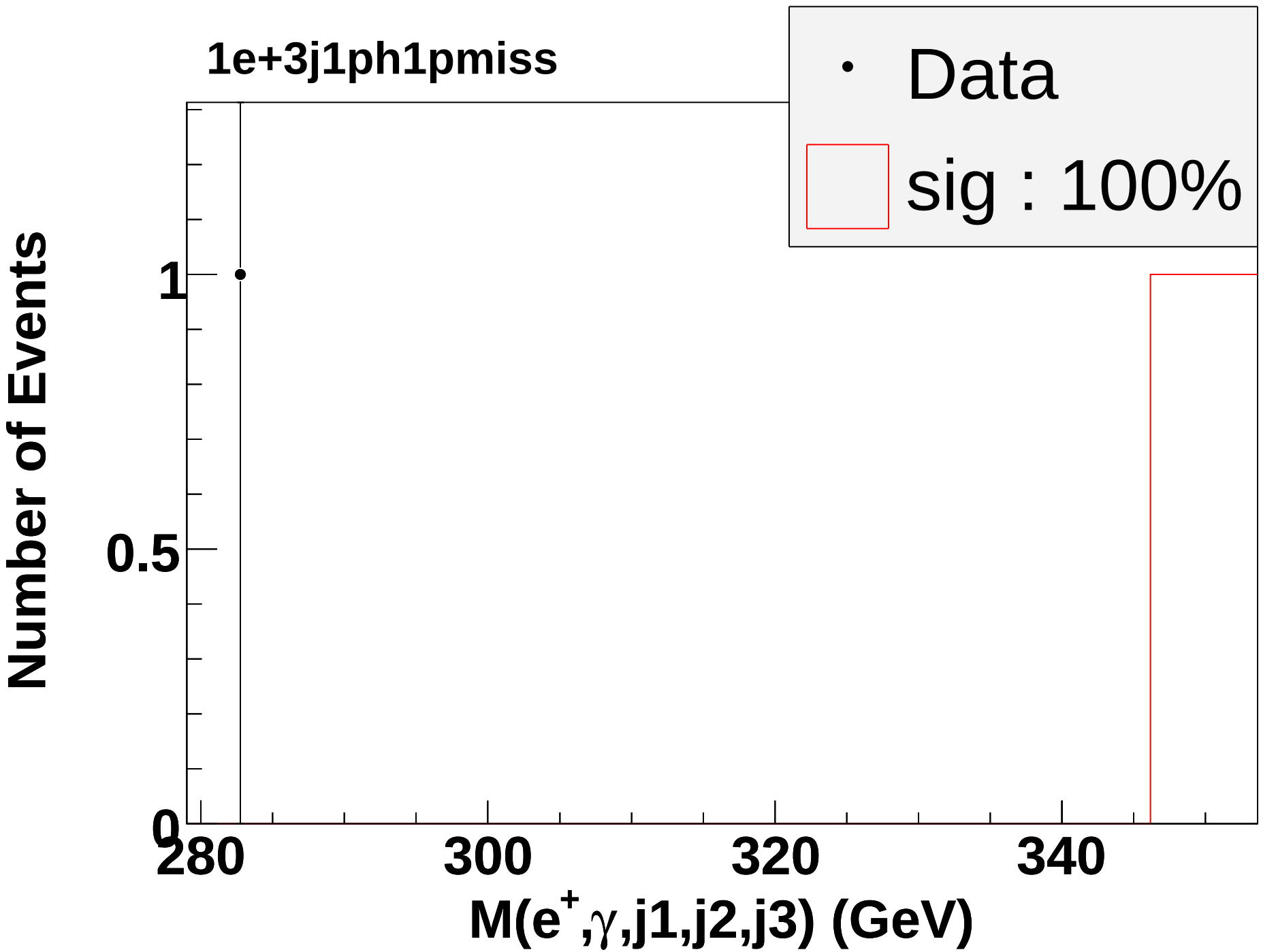

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
200
220
240
260
M(γ,j2,j3) (GeV)

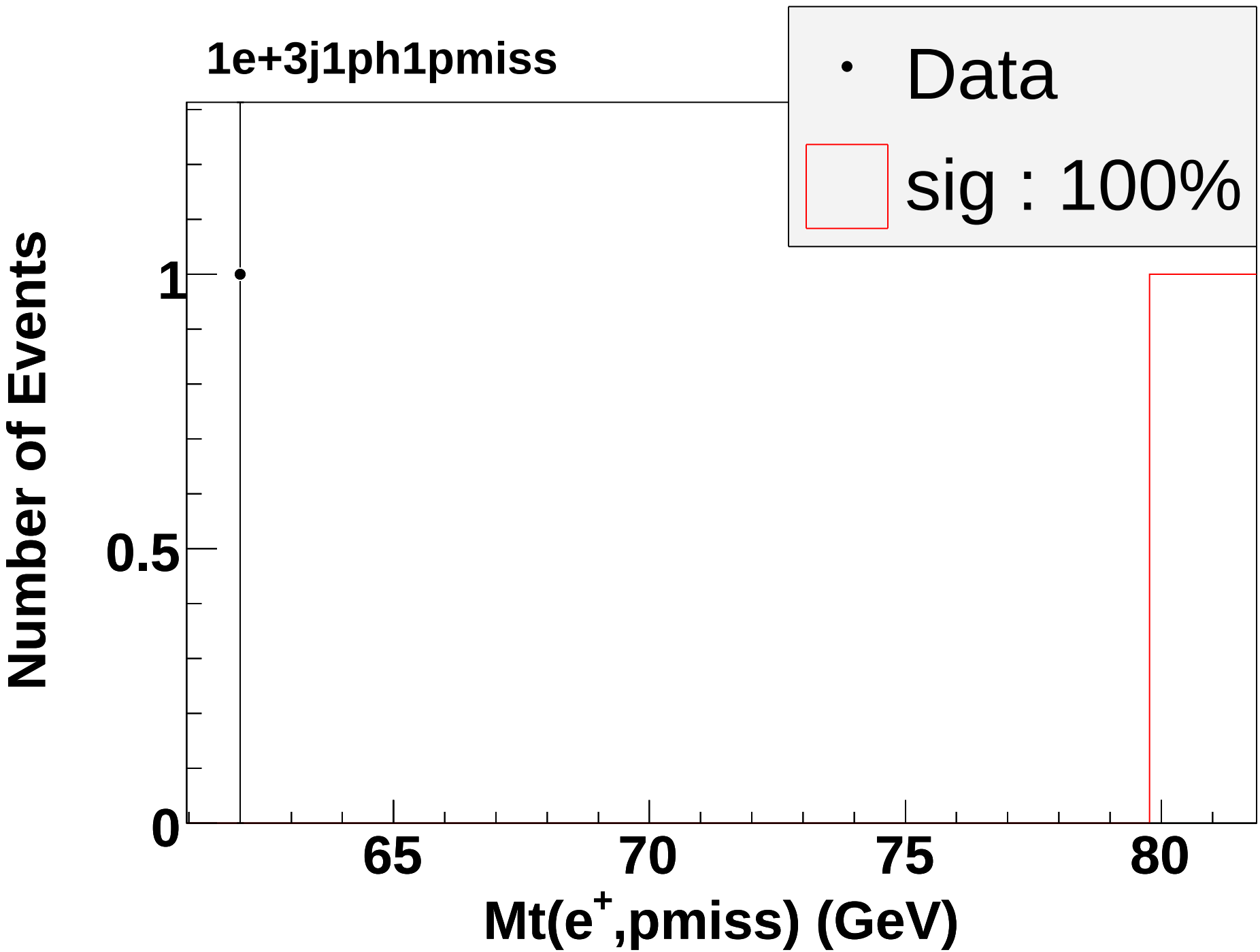

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
240
260
280
300
M(e+,γ,j2,j3) (GeV)

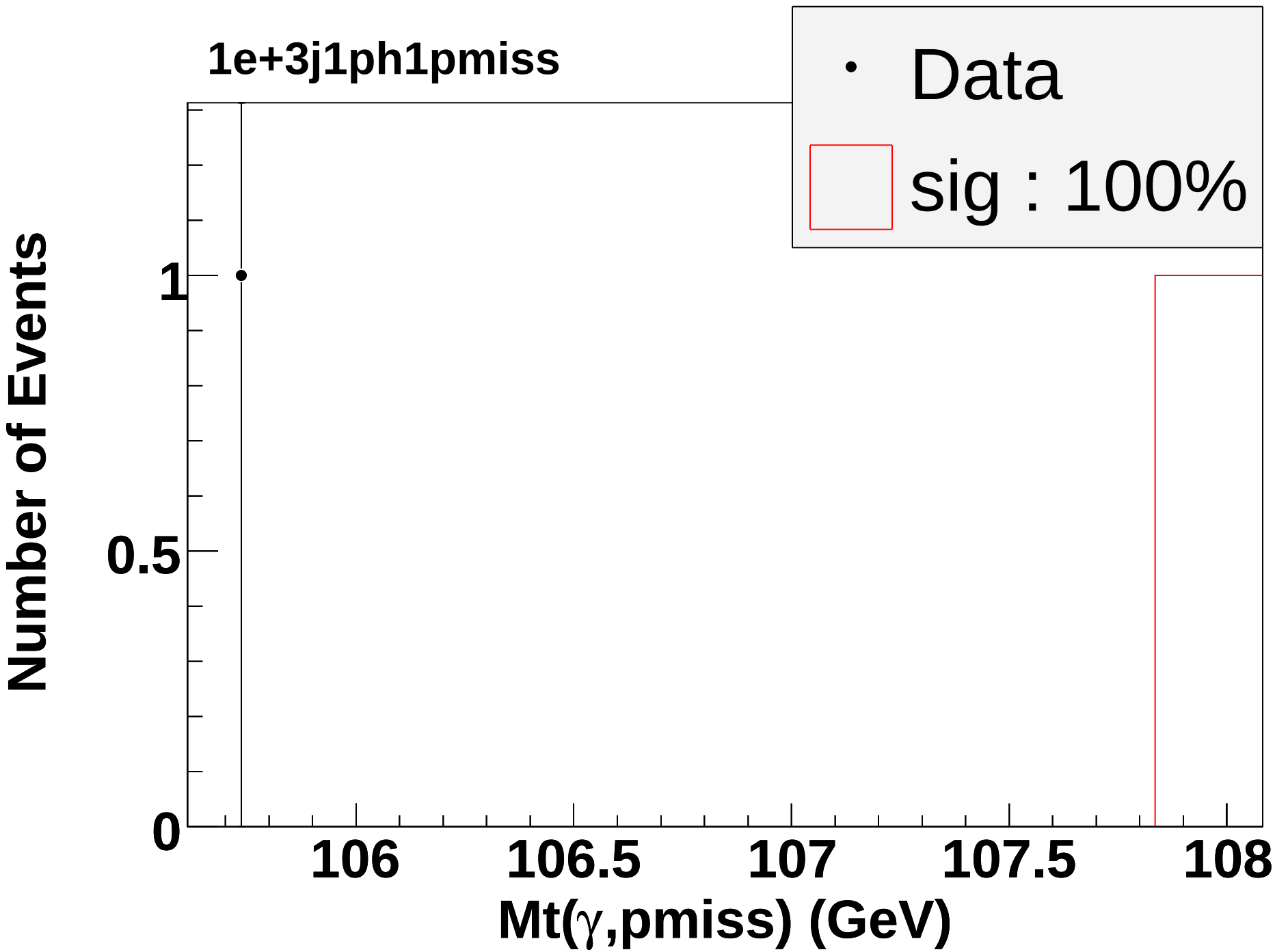

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
145
150
155
160
165
M(j1,j2,j3) (GeV)

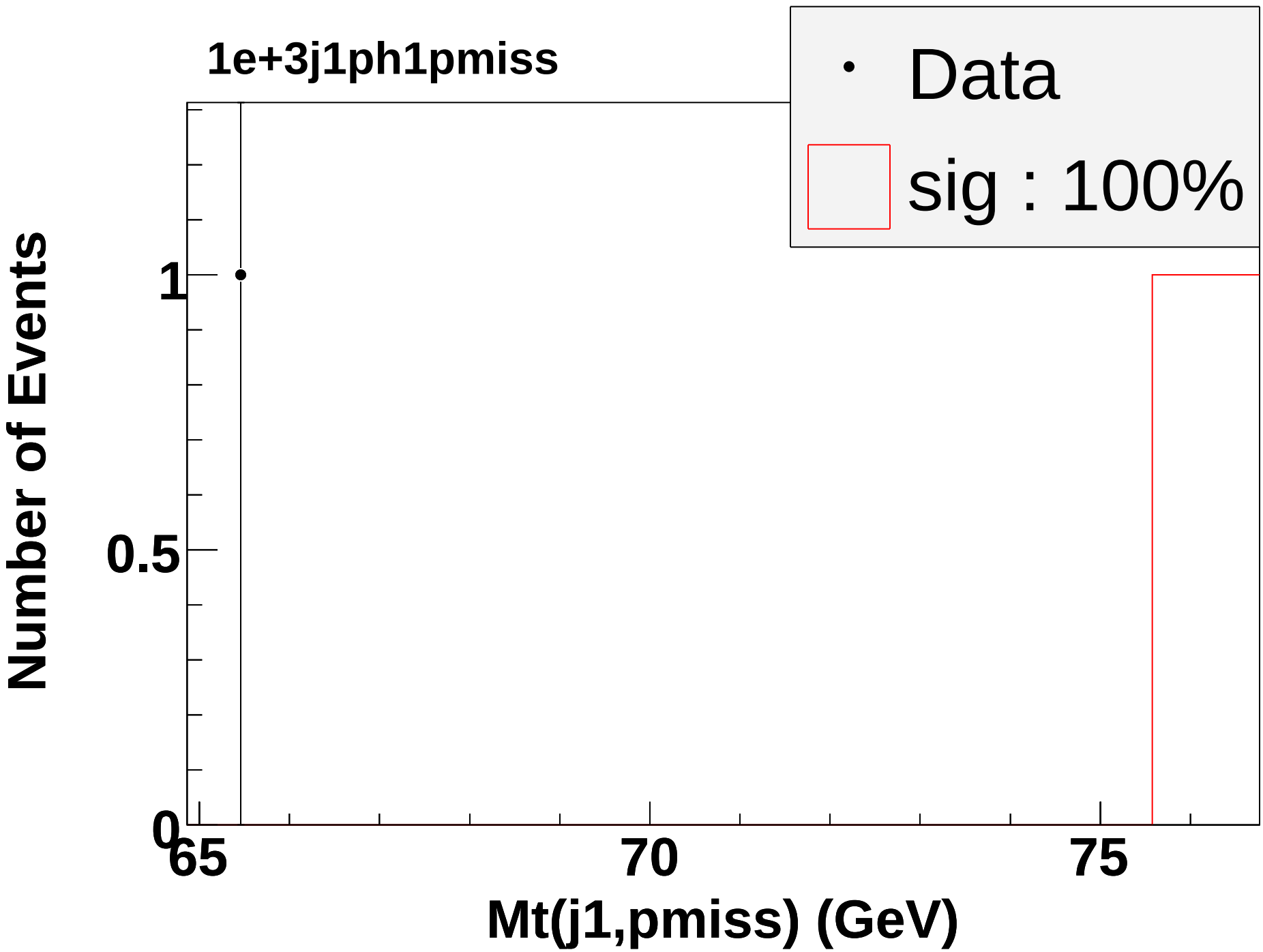

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
200
220
240
M(e+,j1,j2,j3) (GeV)

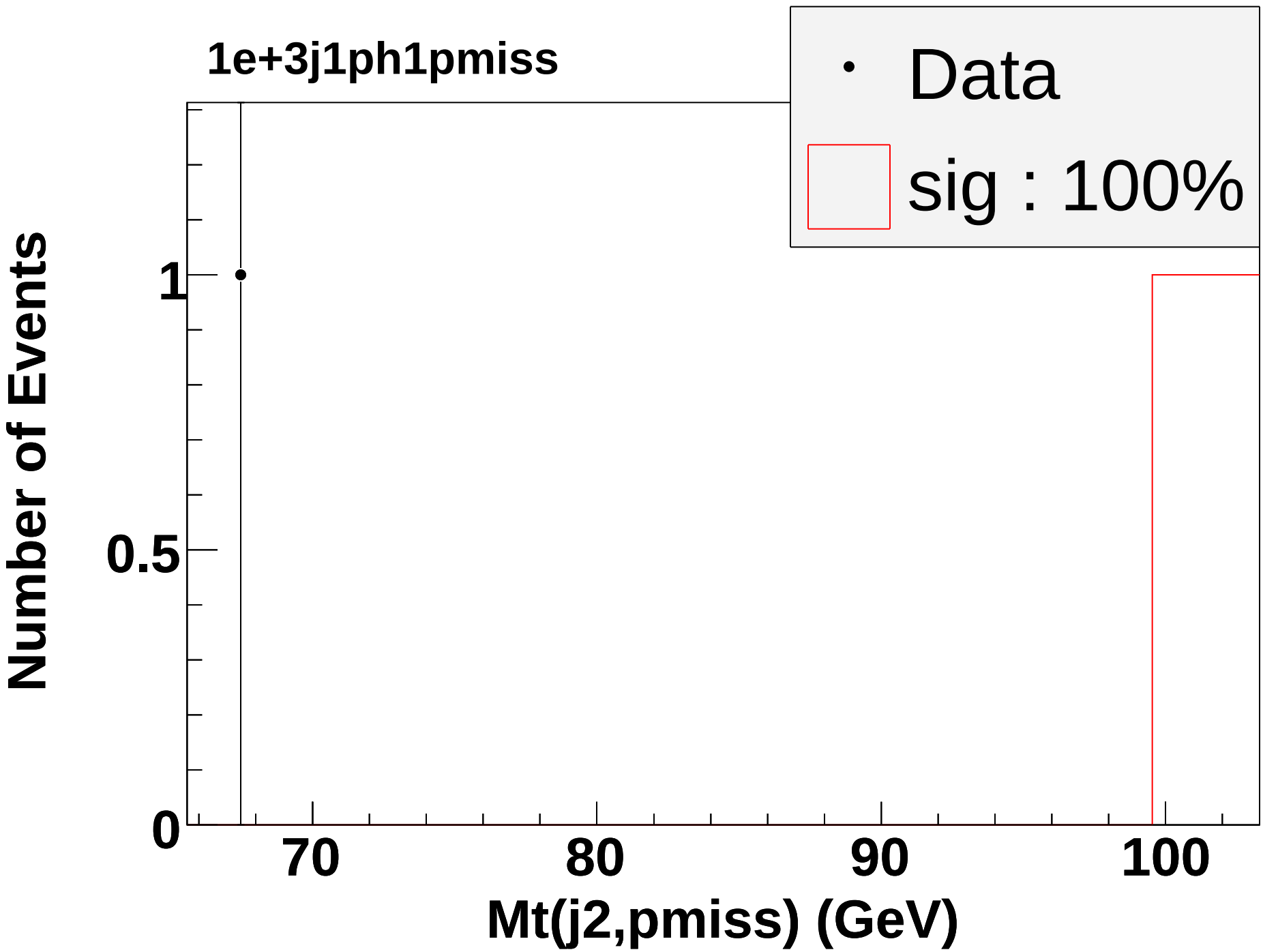

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
240
260
280
300
M(γ,j1,j2,j3) (GeV)

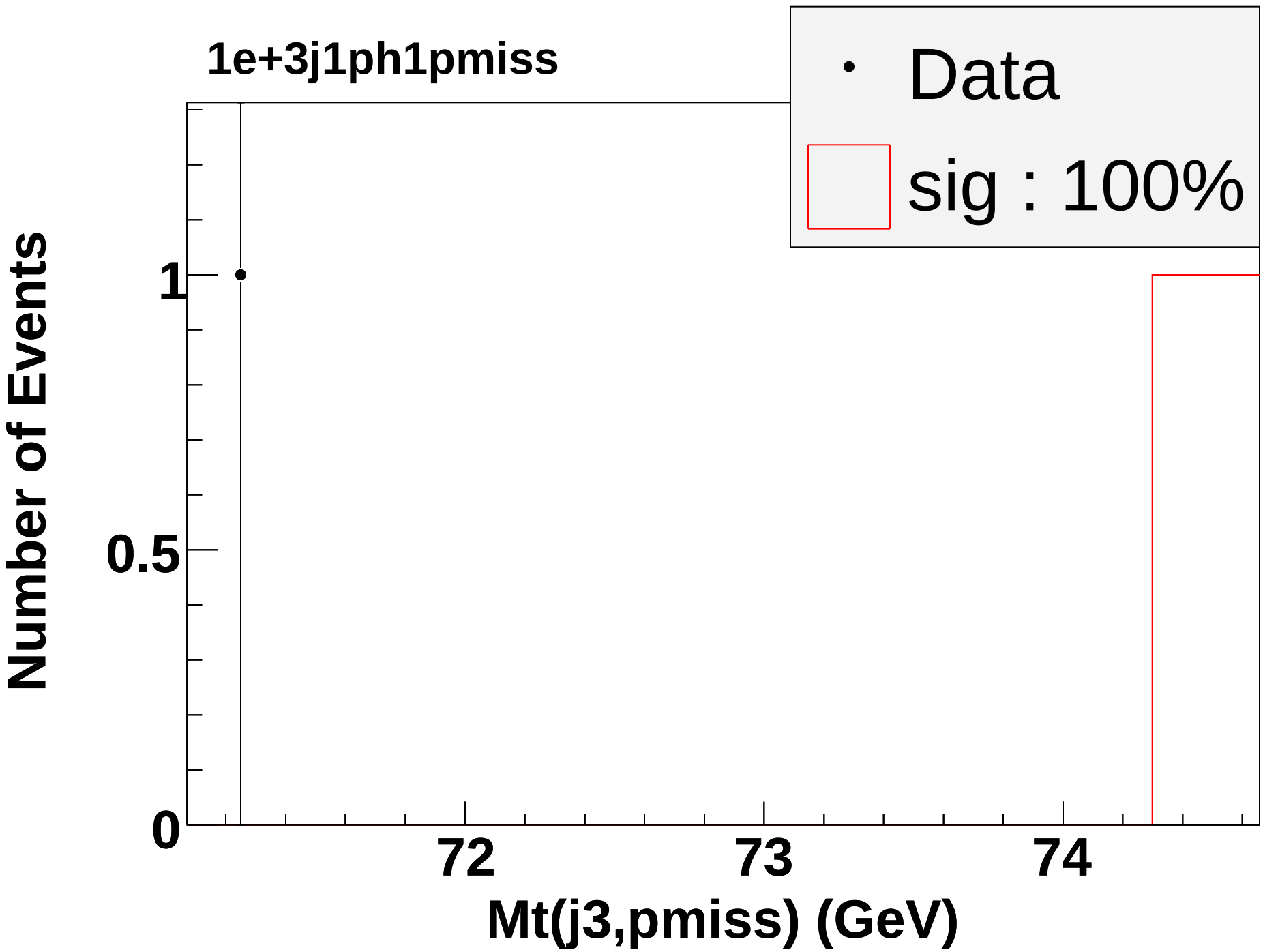

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
280
300
320
340
M(e+,γ,j1,j2,j3) (GeV)

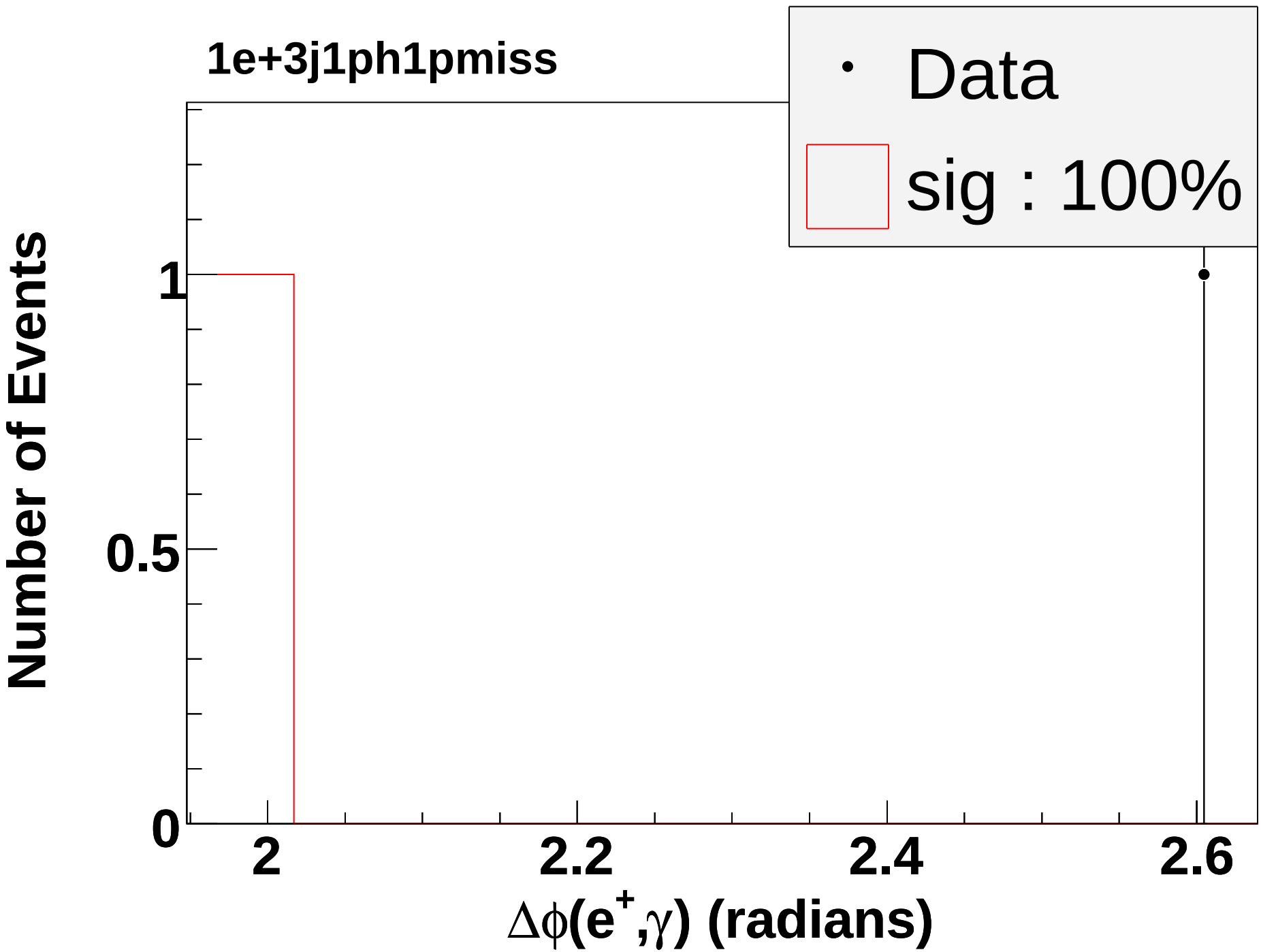

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
0
0.5
1
65
70
75
80
Mt(e+,pmiss) (GeV)

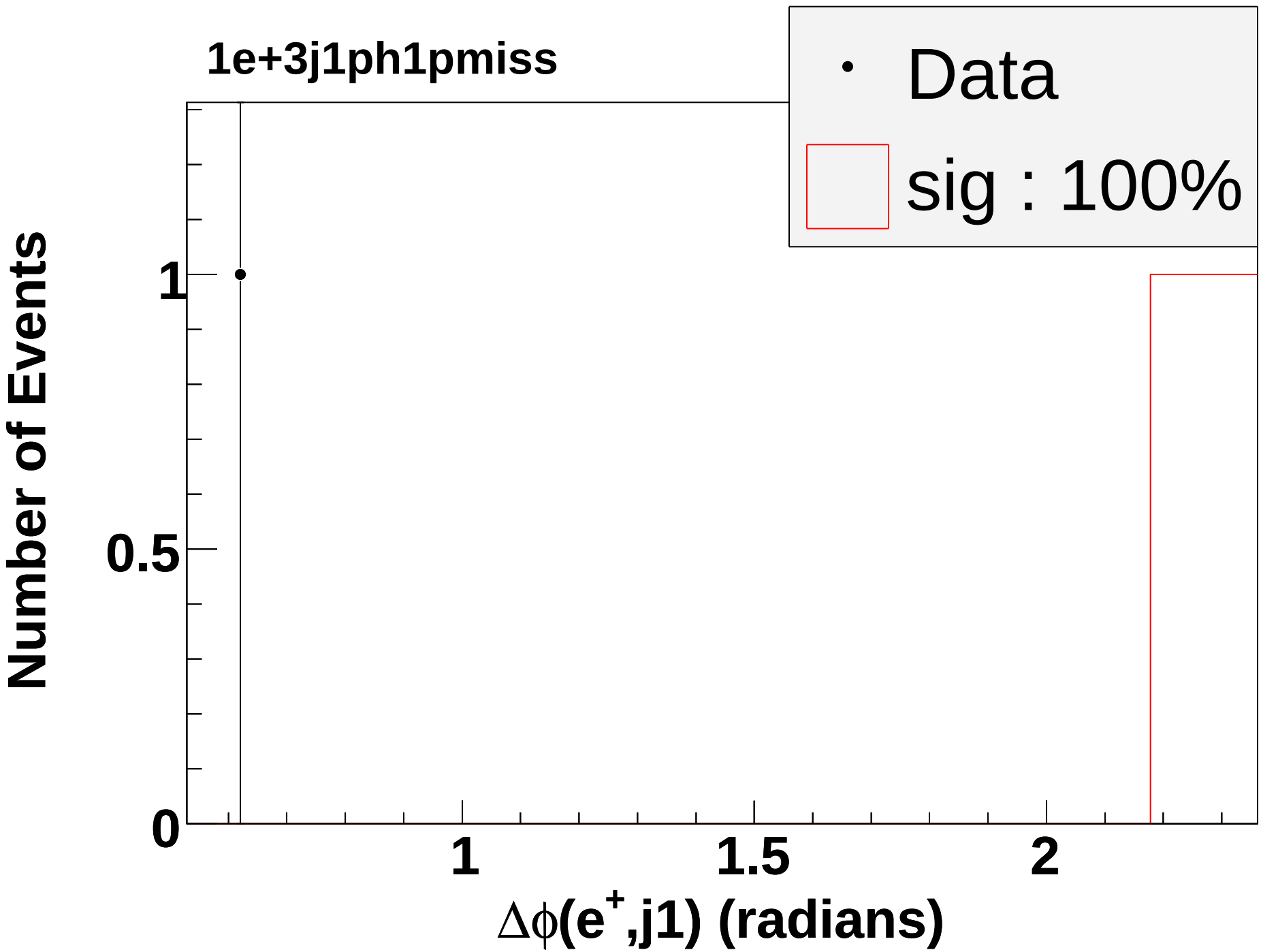

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
0
0.5
1
106
106.5
107
107.5
108
Mt(γ,pmiss) (GeV)

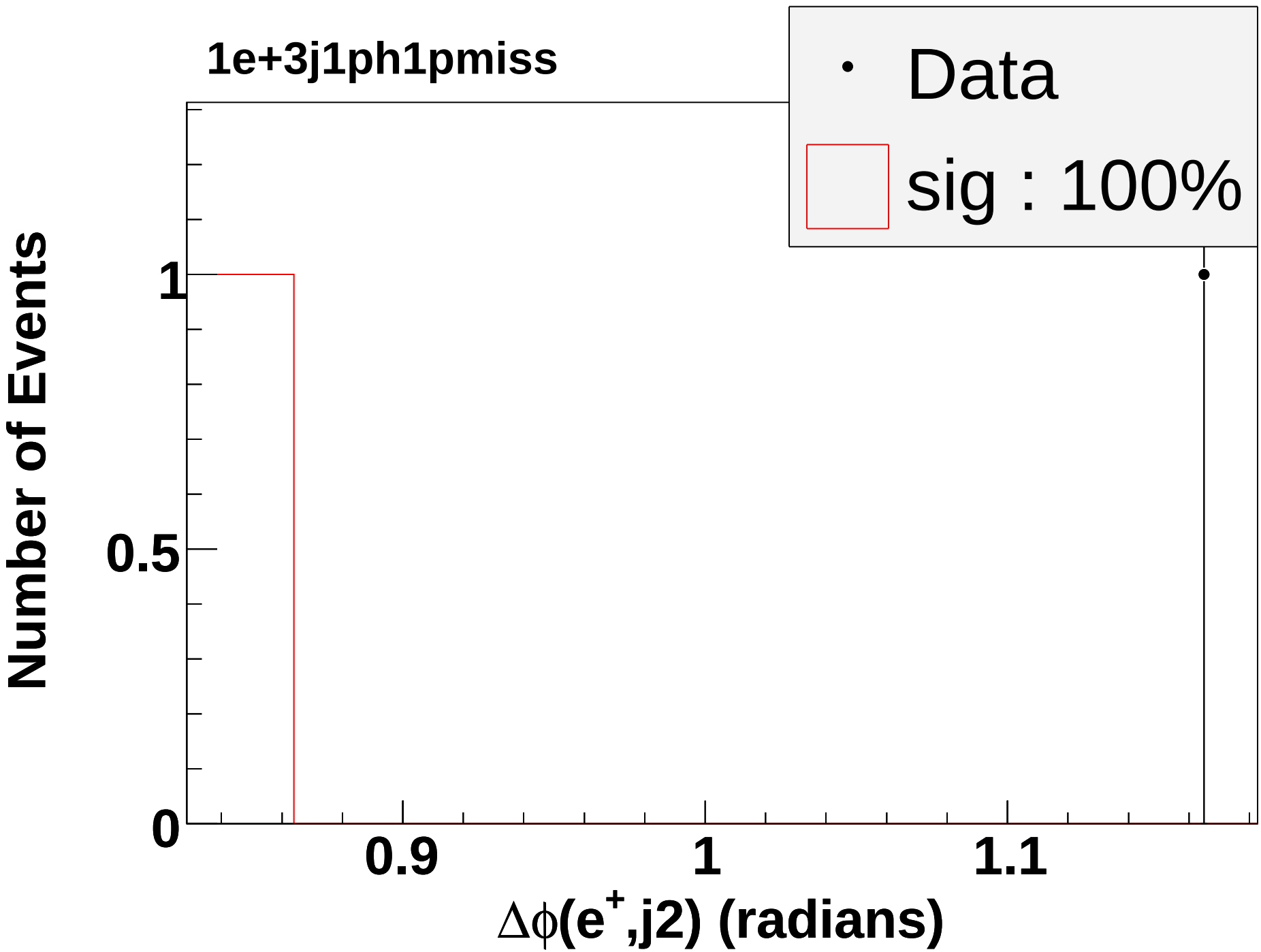

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
65
70
75
Mt(j1,pmiss) (GeV)

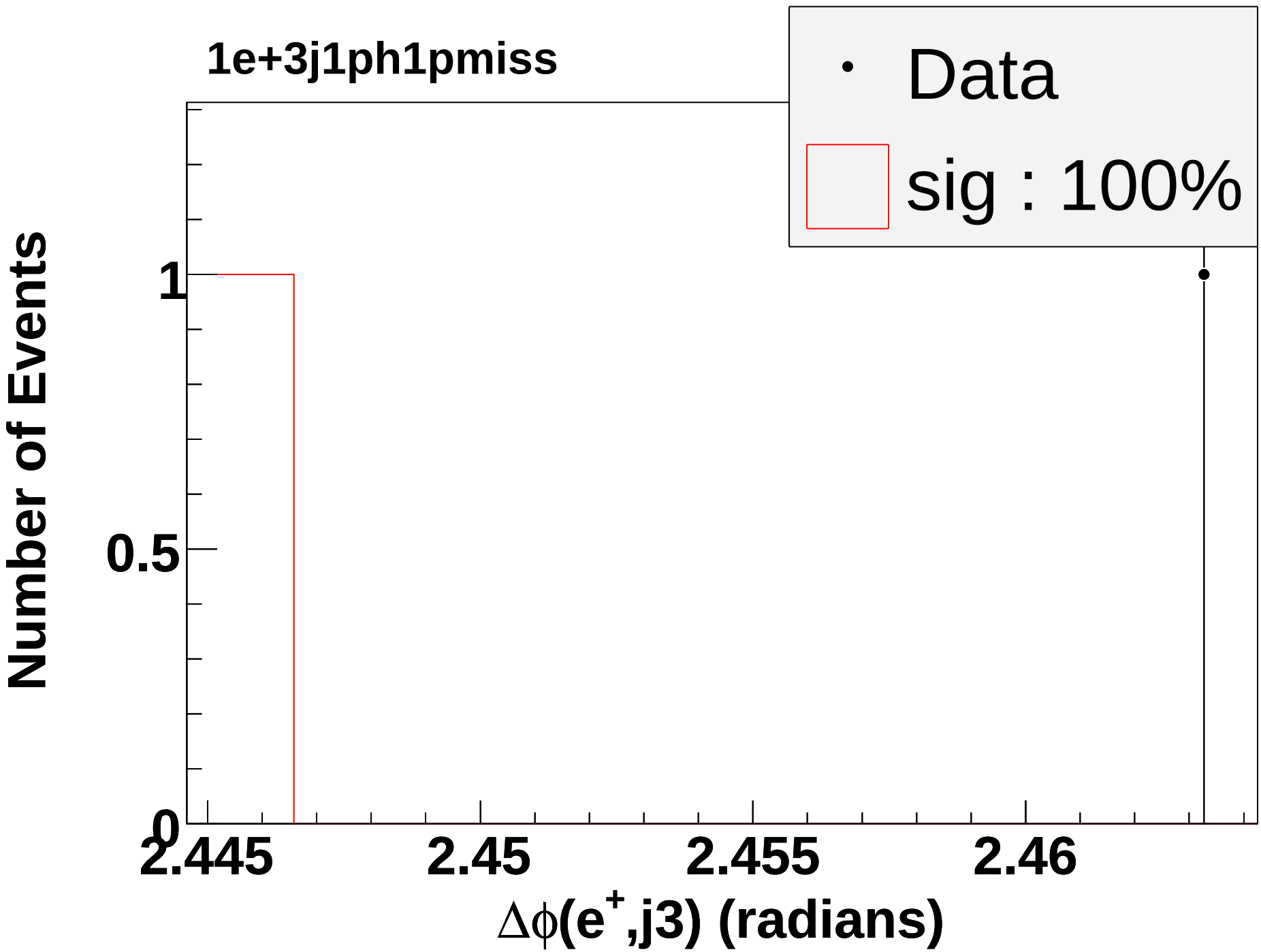

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
70
80
90
100
Mt(j2,pmiss) (GeV)

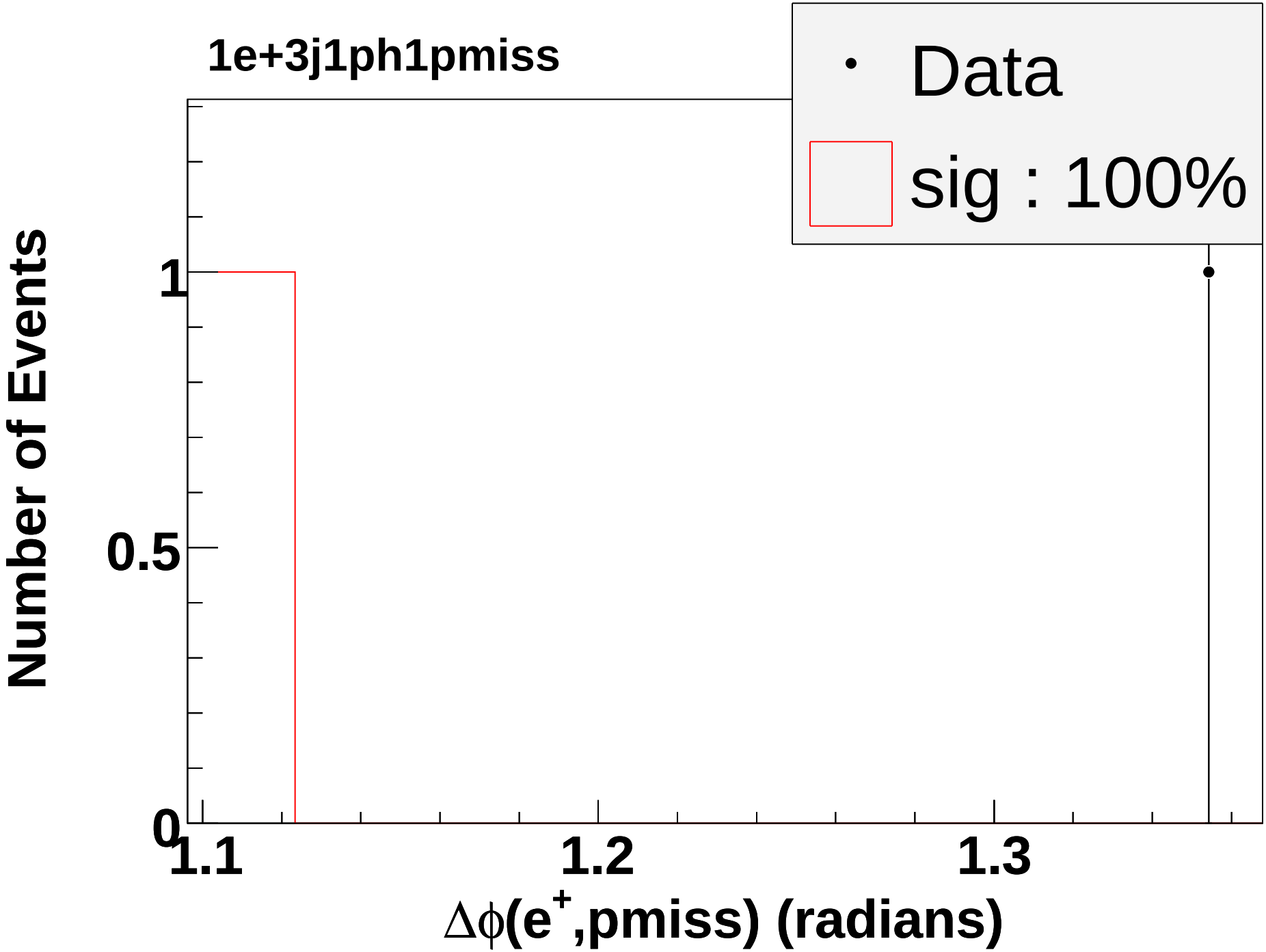

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
72
73
74
Mt(j3,pmiss) (GeV)

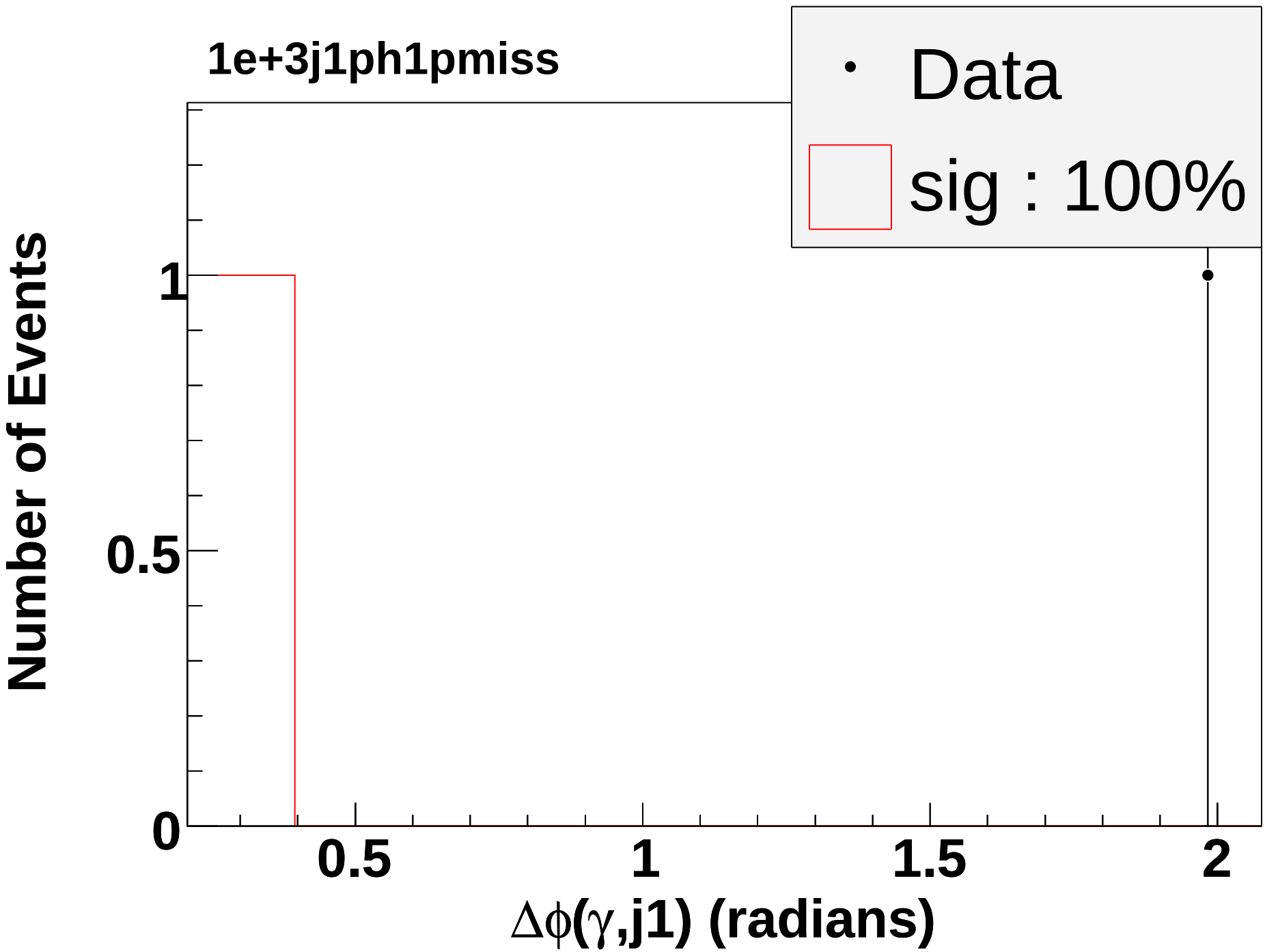

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
0
0.5
1
2
2.2
2.4
2.6
Δφ(e+,γ) (radians)

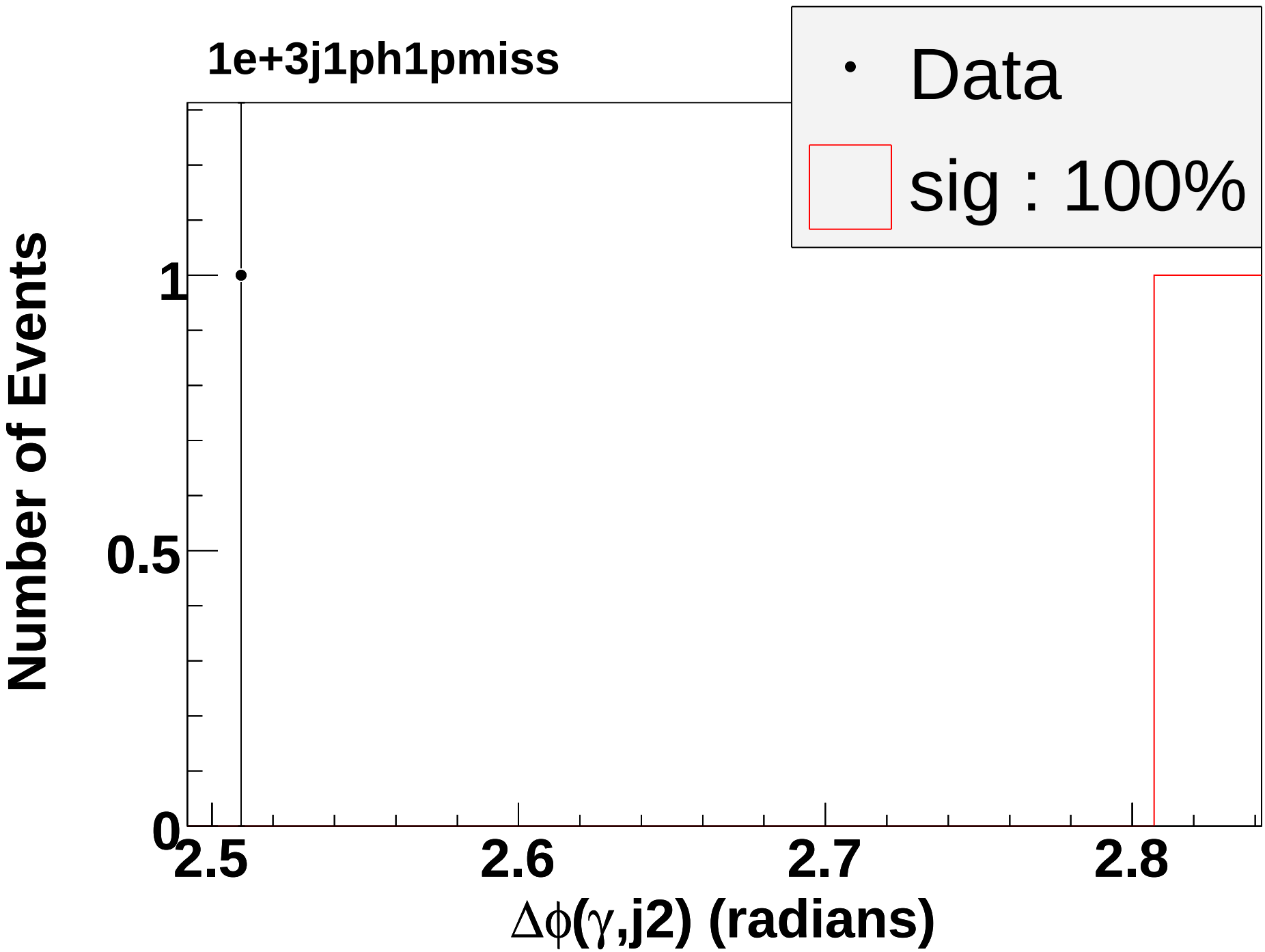

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
0
0.5
1
1
1.5
2
Δϕ(e+,j1) (radians)

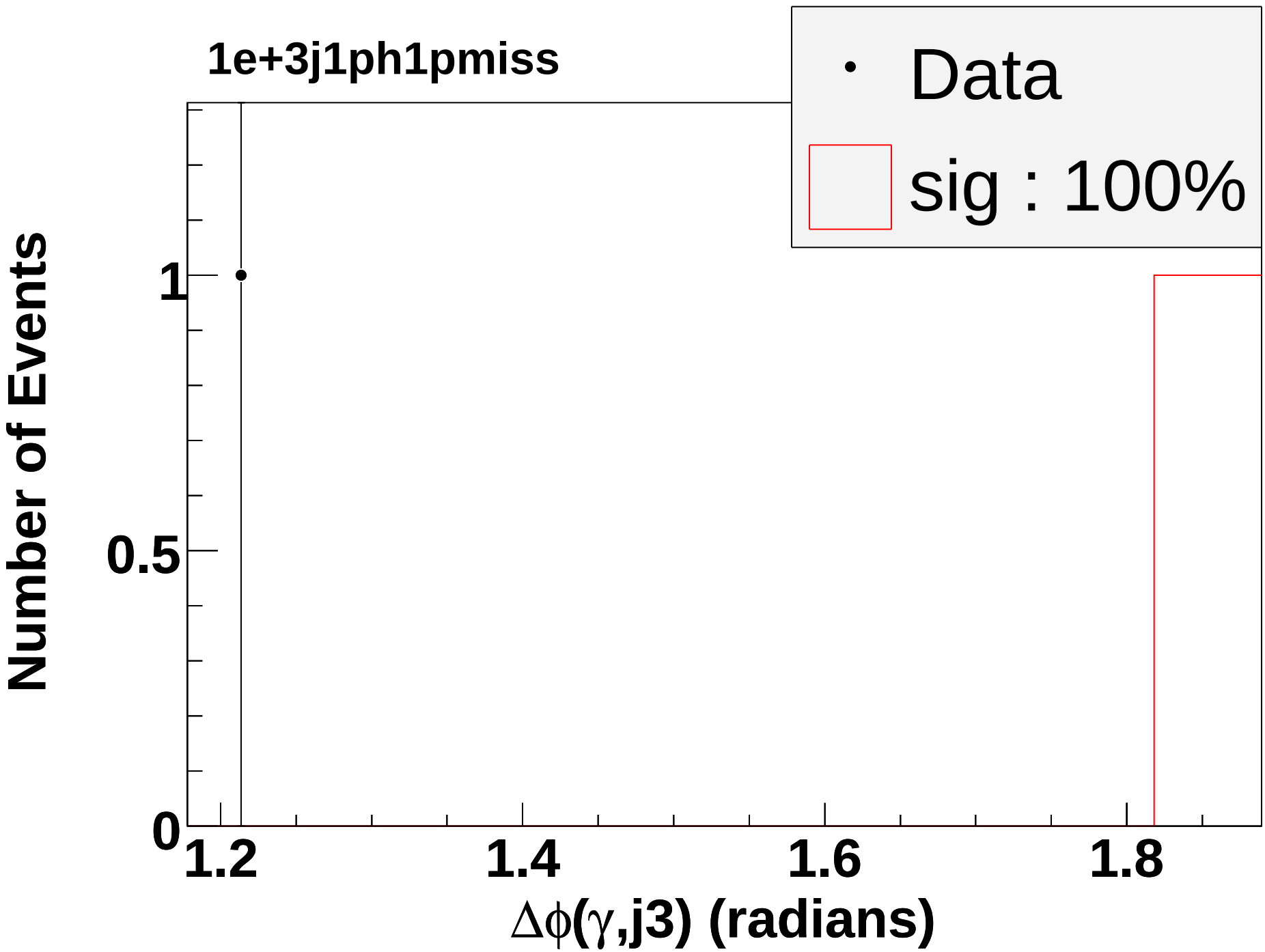

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
0.9
1
1.1
Δϕ(e+,j2) (radians)

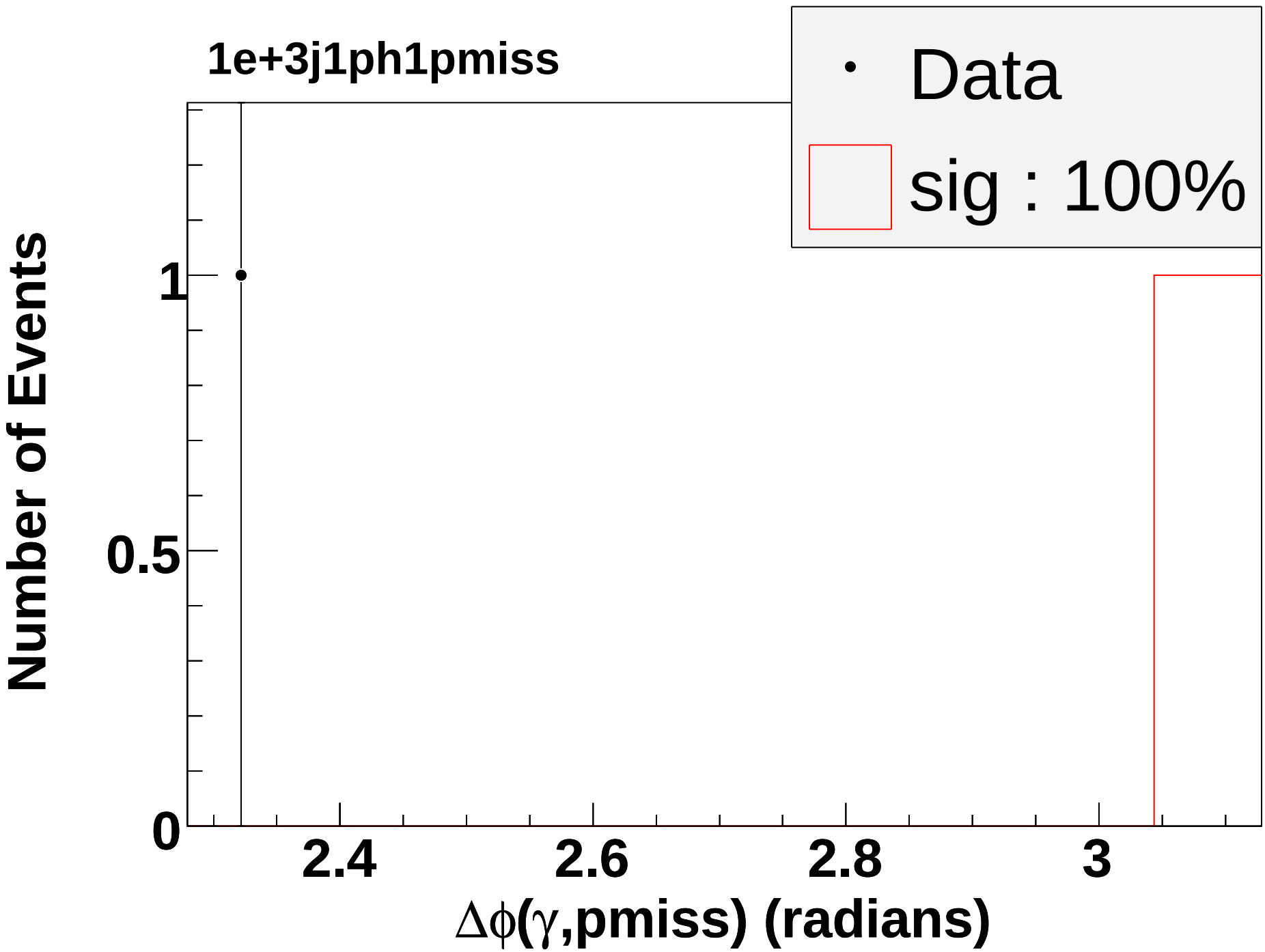

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
2.445
2.45
2.455
2.46
Δϕ(e+,j3) (radians)

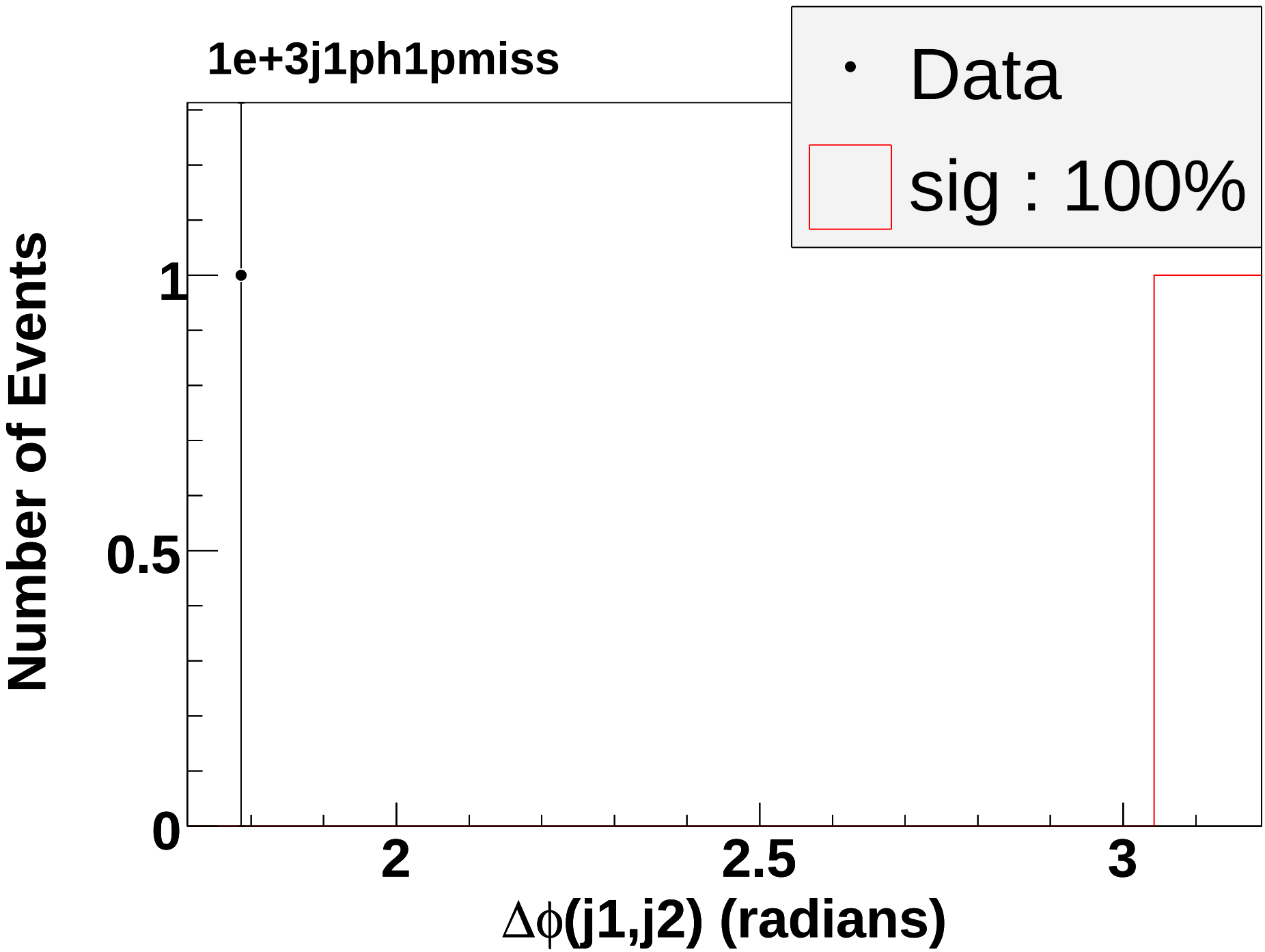

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
1.1
1.2
1.3
Δϕ(e+,pmiss) (radians)

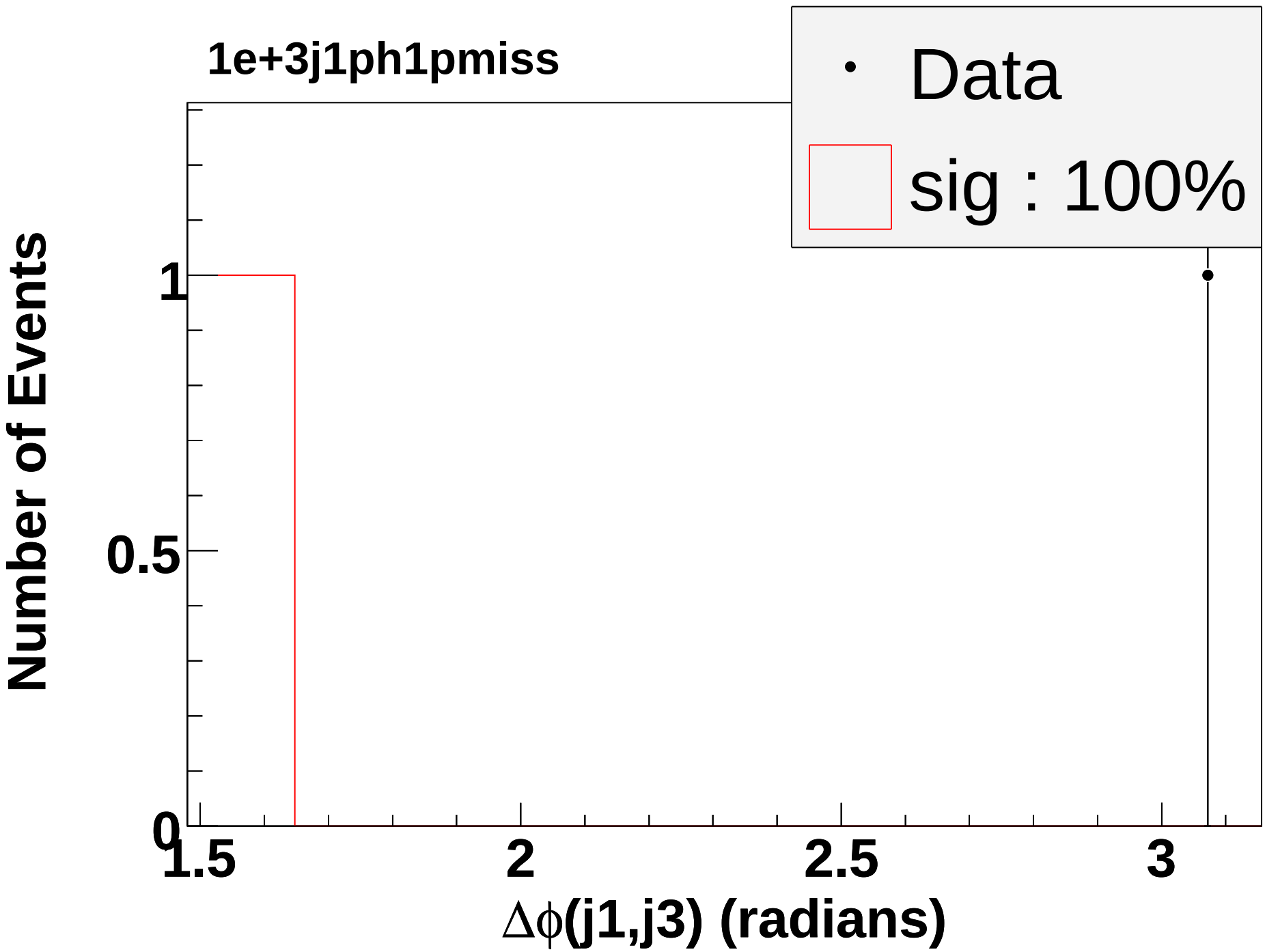

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
0
0.5
1
0.5
1
1.5
2
Δϕ(γ,j1) (radians)

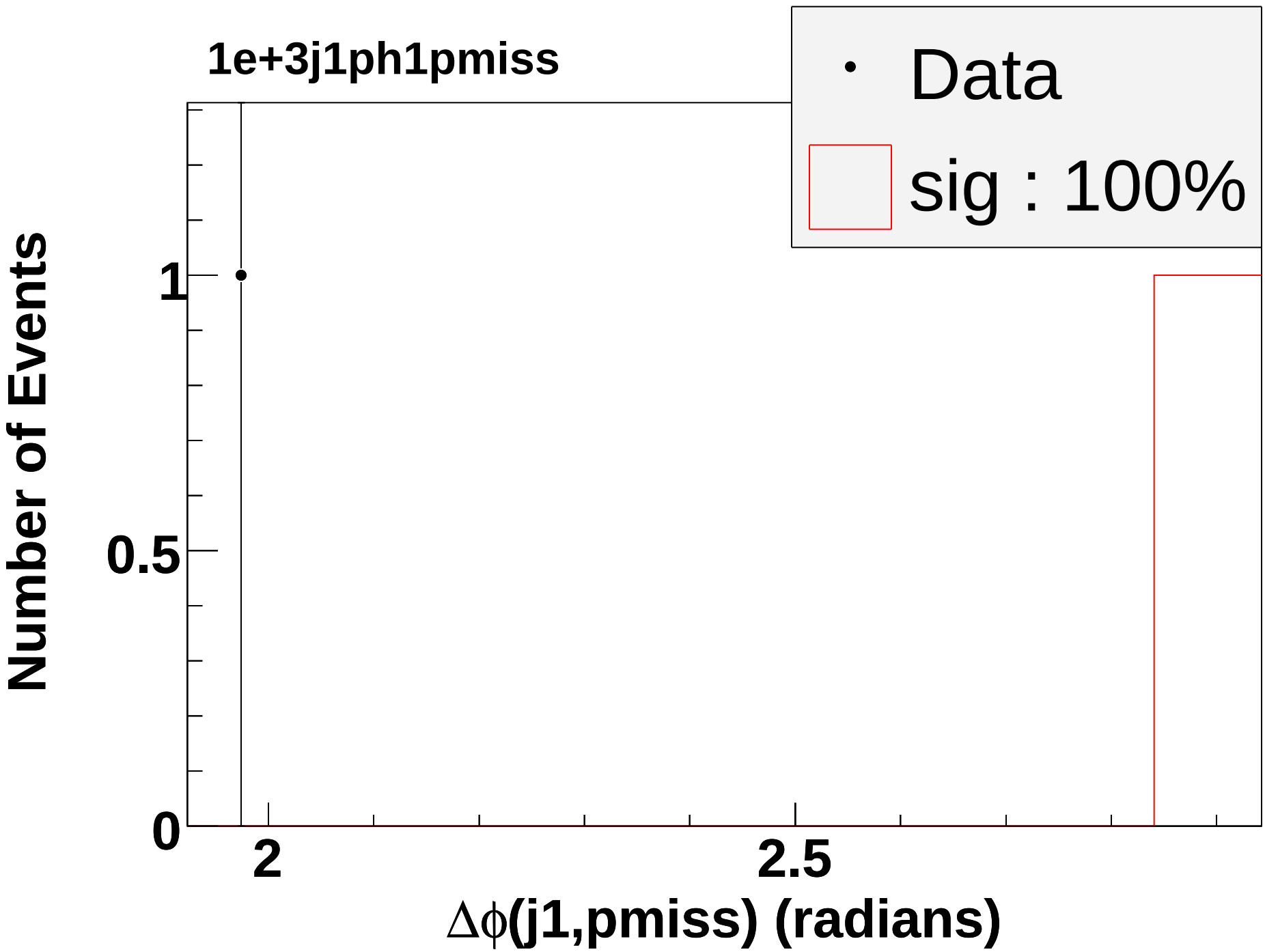

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
2.5
2.6
2.7
2.8
Δϕ(γ,j2) (radians)

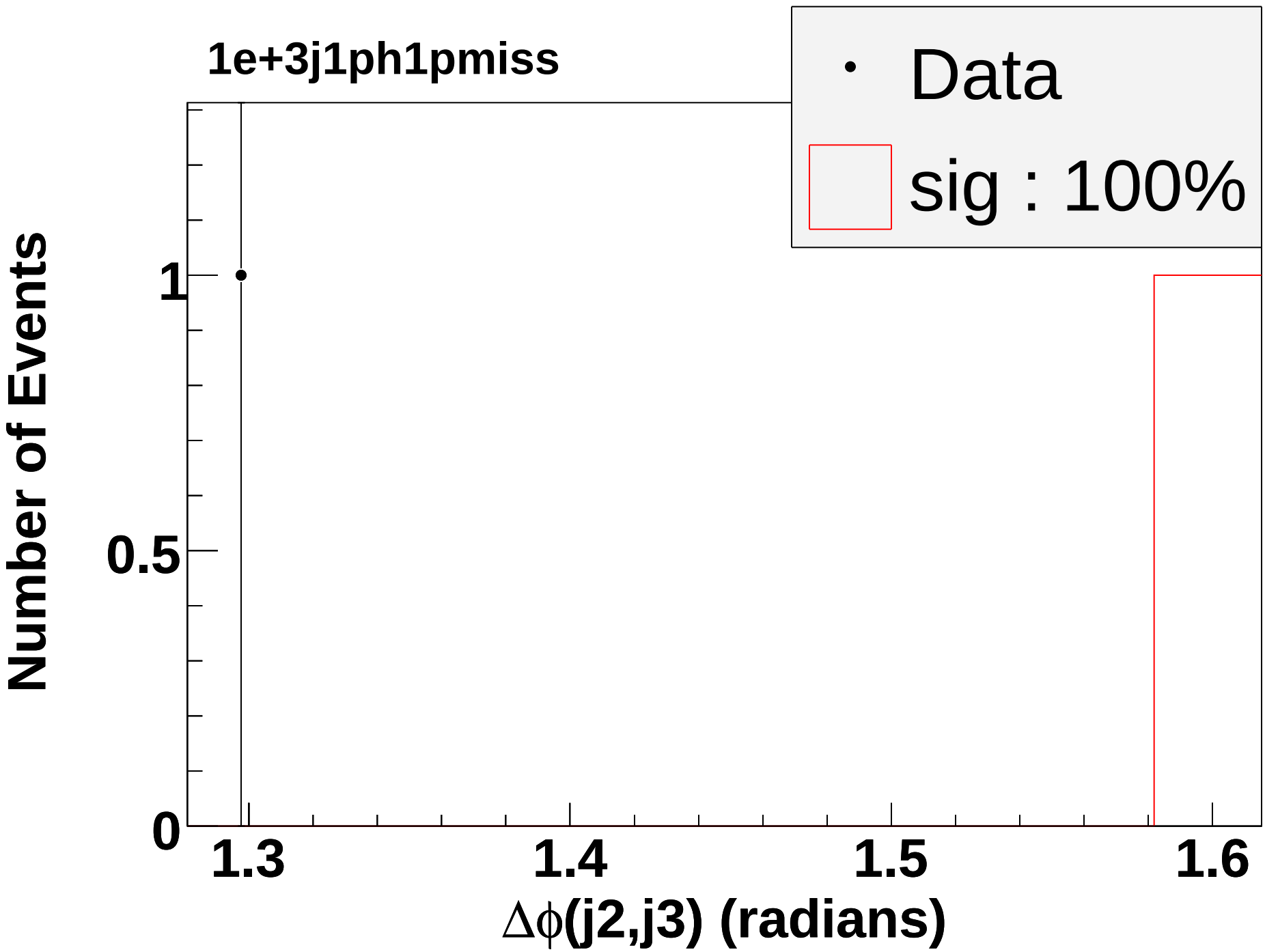

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
0
0.5
1
1.2
1.4
1.6
1.8
Δϕ(γ,j3) (radians)

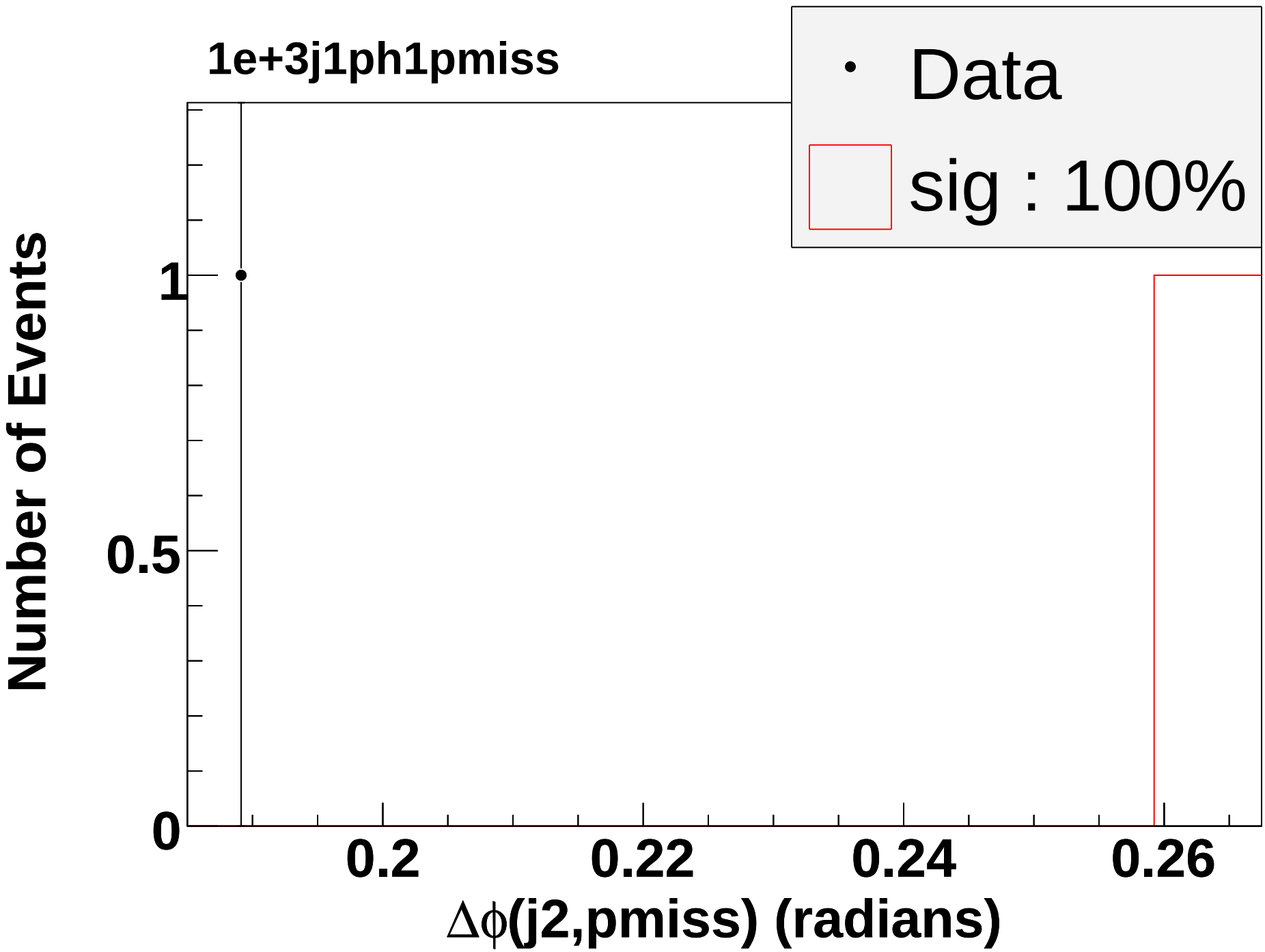

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
2.4
2.6
2.8
3
Δϕ(γ,pmiss) (radians)

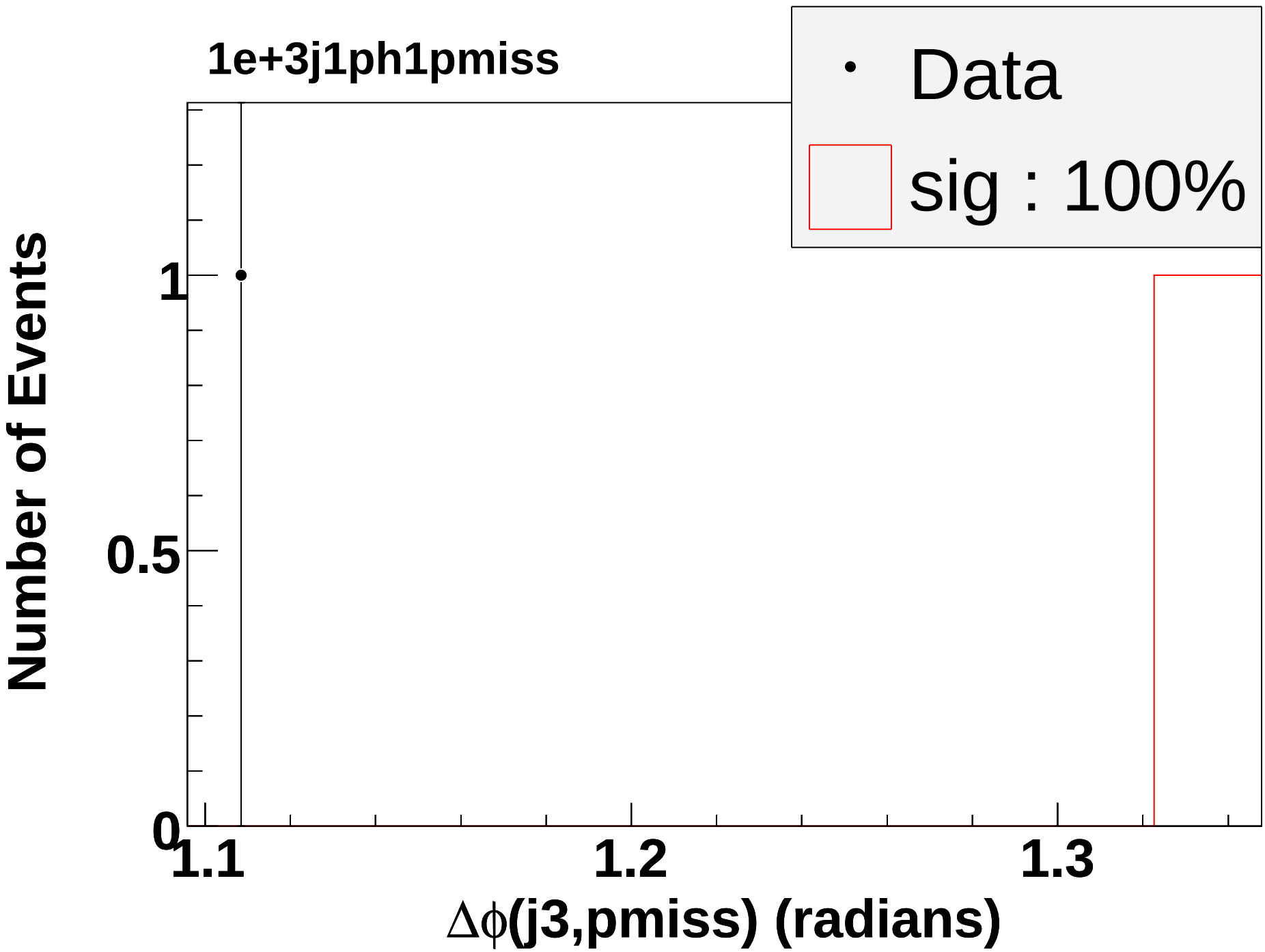

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
2
2.5
3
Δϕ(j1,j2) (radians)

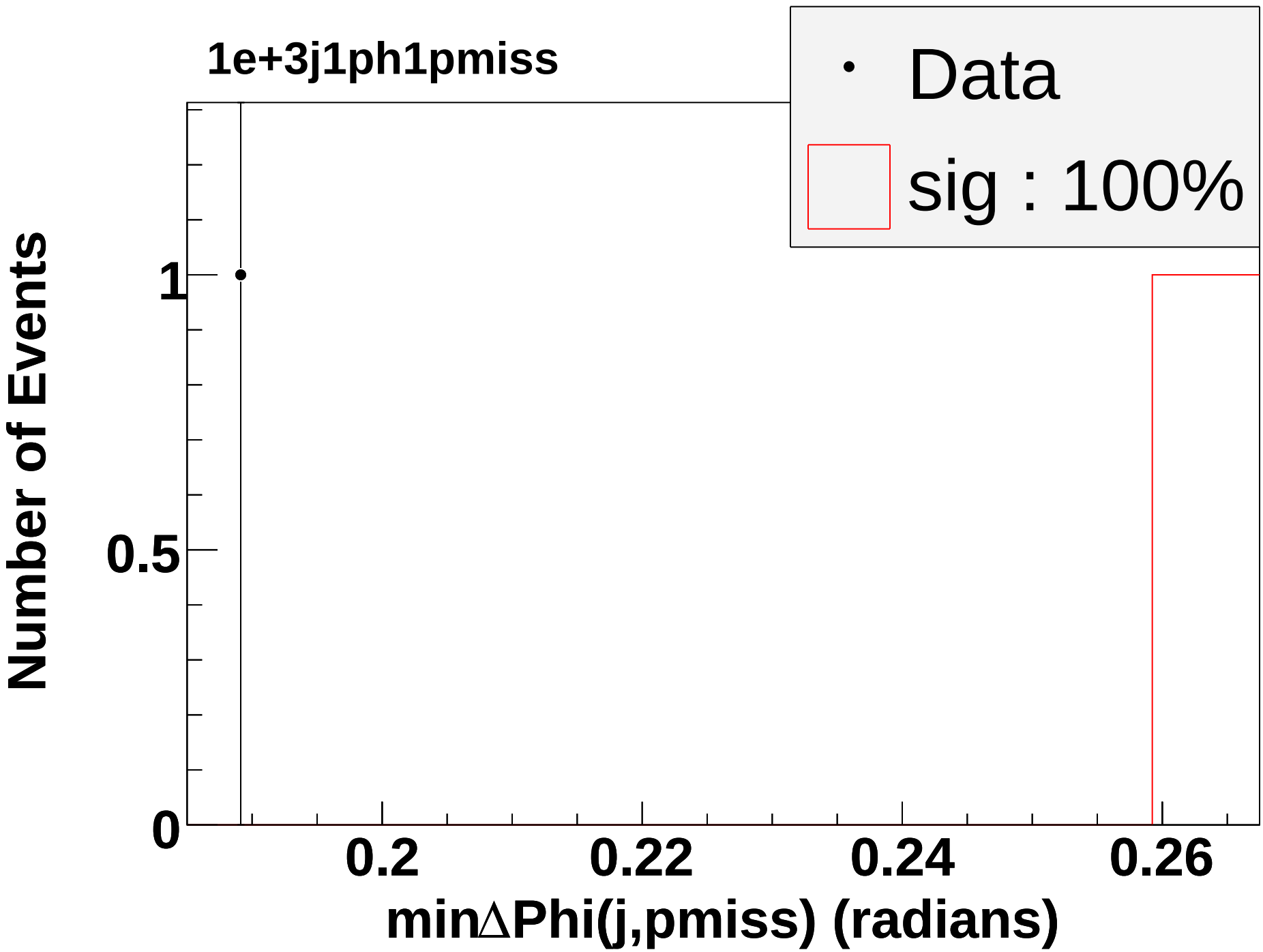

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
1.5
2
2.5
3
Δϕ(j1,j3) (radians)

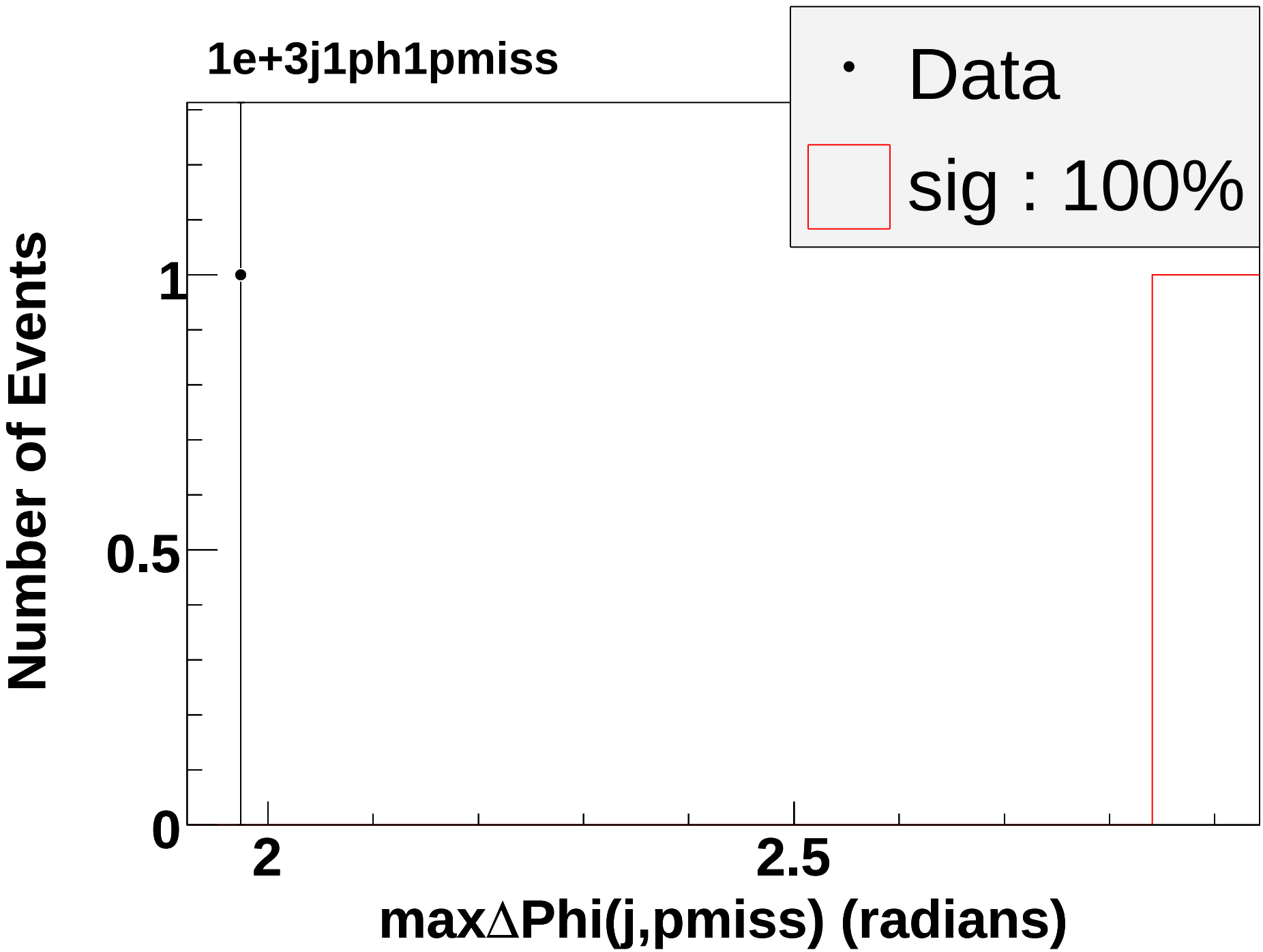

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
2
2.5
Δϕ(j1,pmiss) (radians)

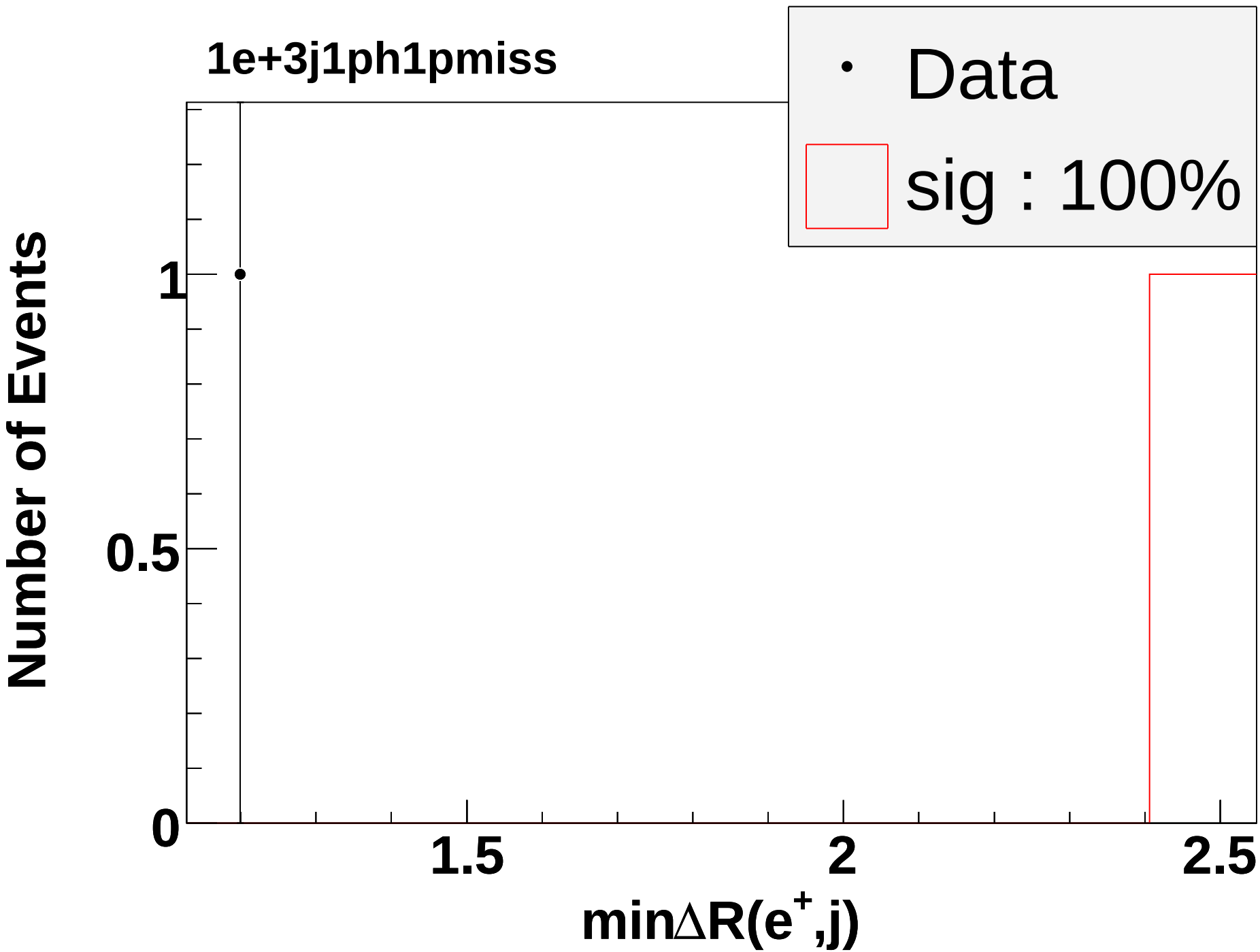

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
1.3
1.4
1.5
1.6
Δϕ(j2,j3) (radians)

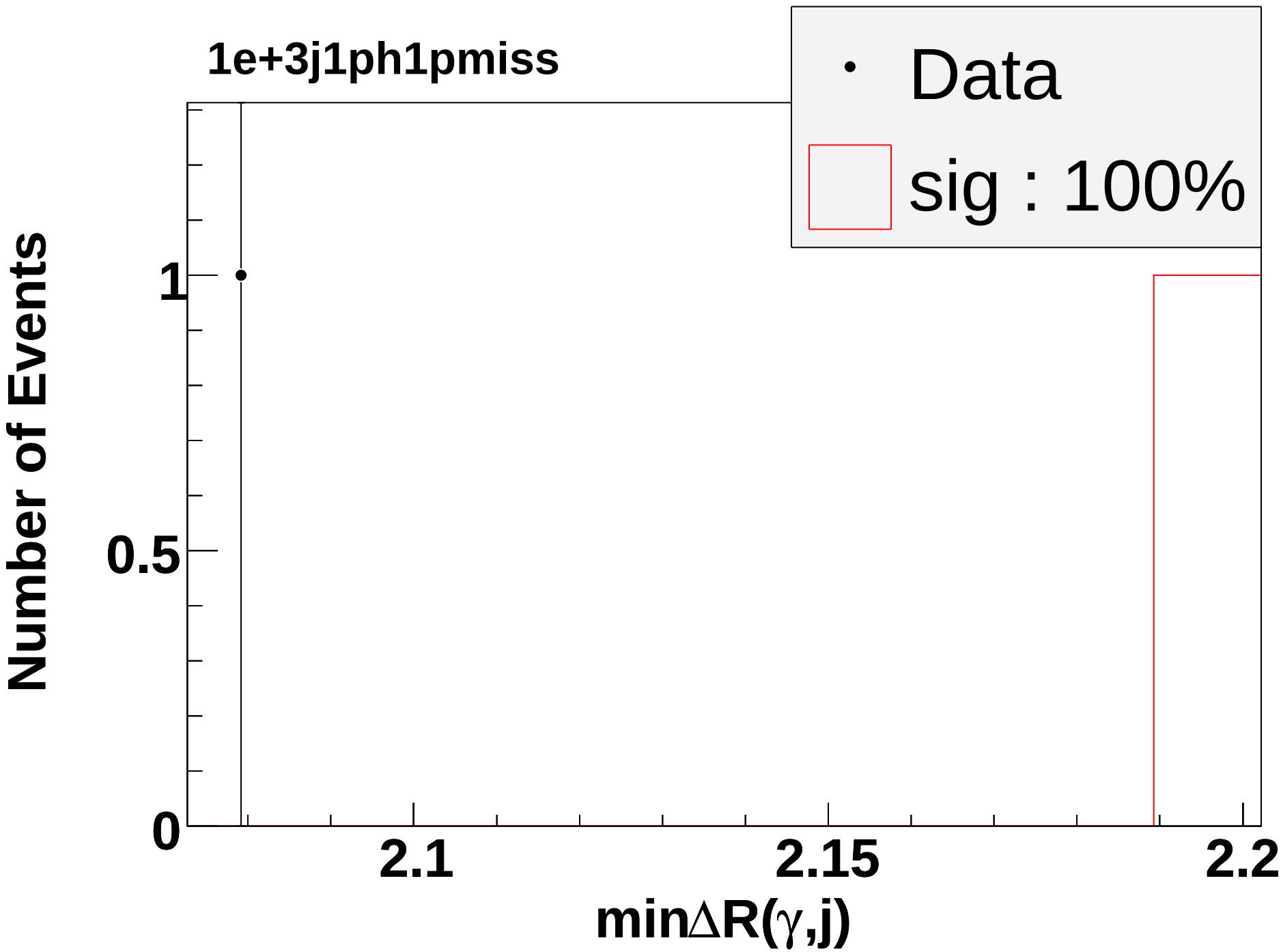

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
0.2
0.22
0.24
0.26
Δϕ(j2,pmiss) (radians)

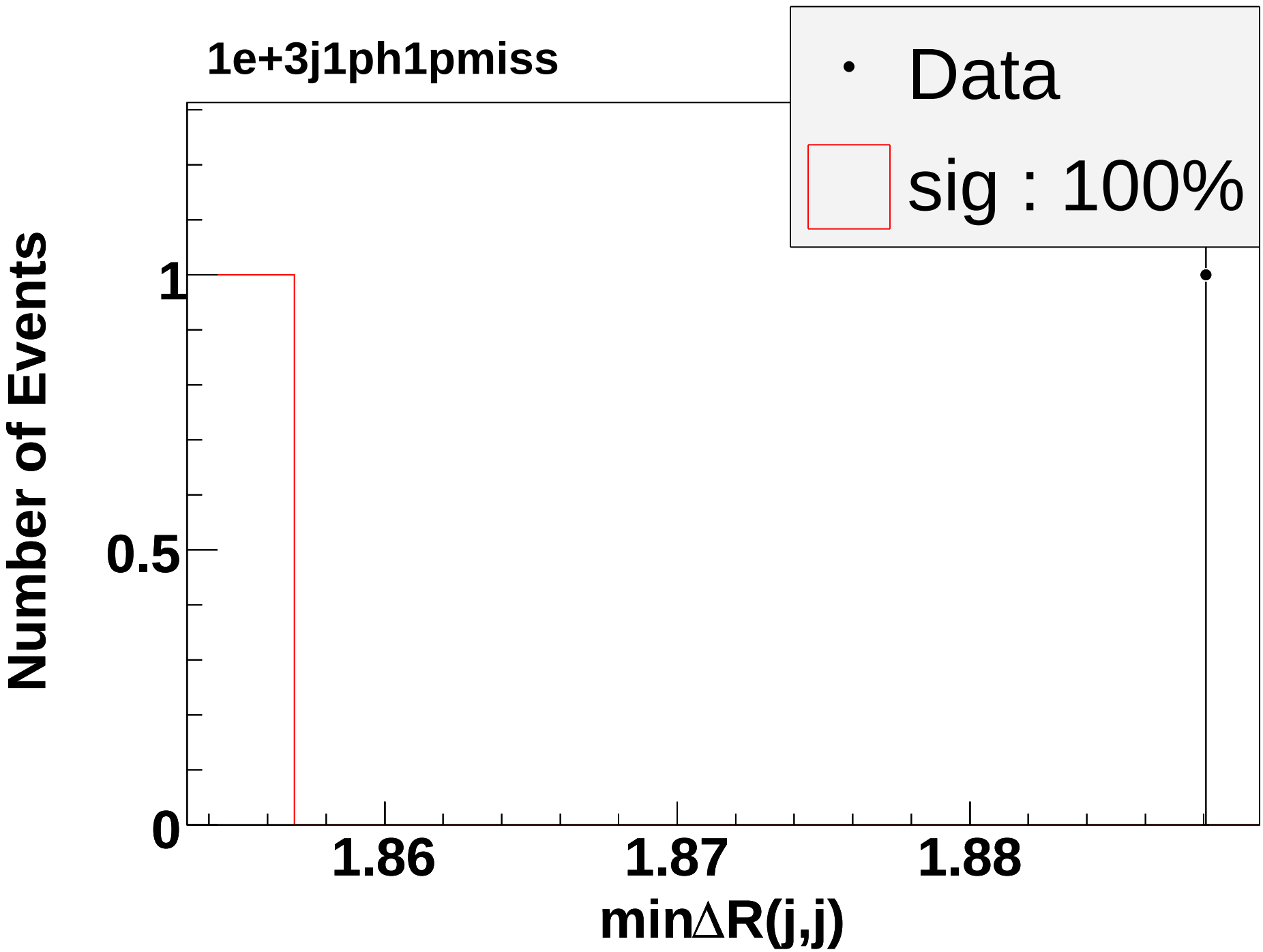

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
1.1
1.2
1.3
Δϕ(j3,pmiss) (radians)

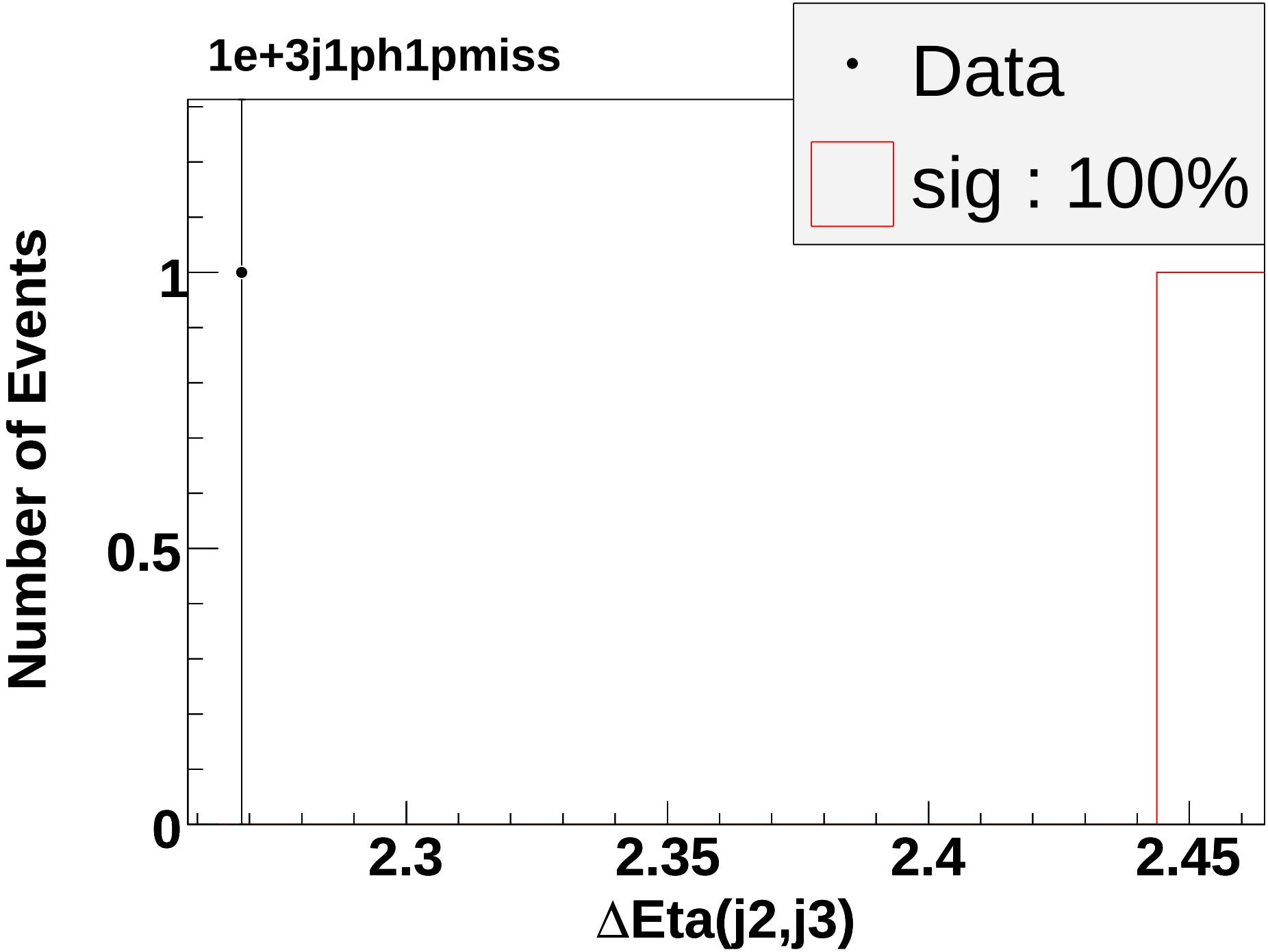

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
0.2
0.22
0.24
0.26
minΔPhi(j,pmiss) (radians)

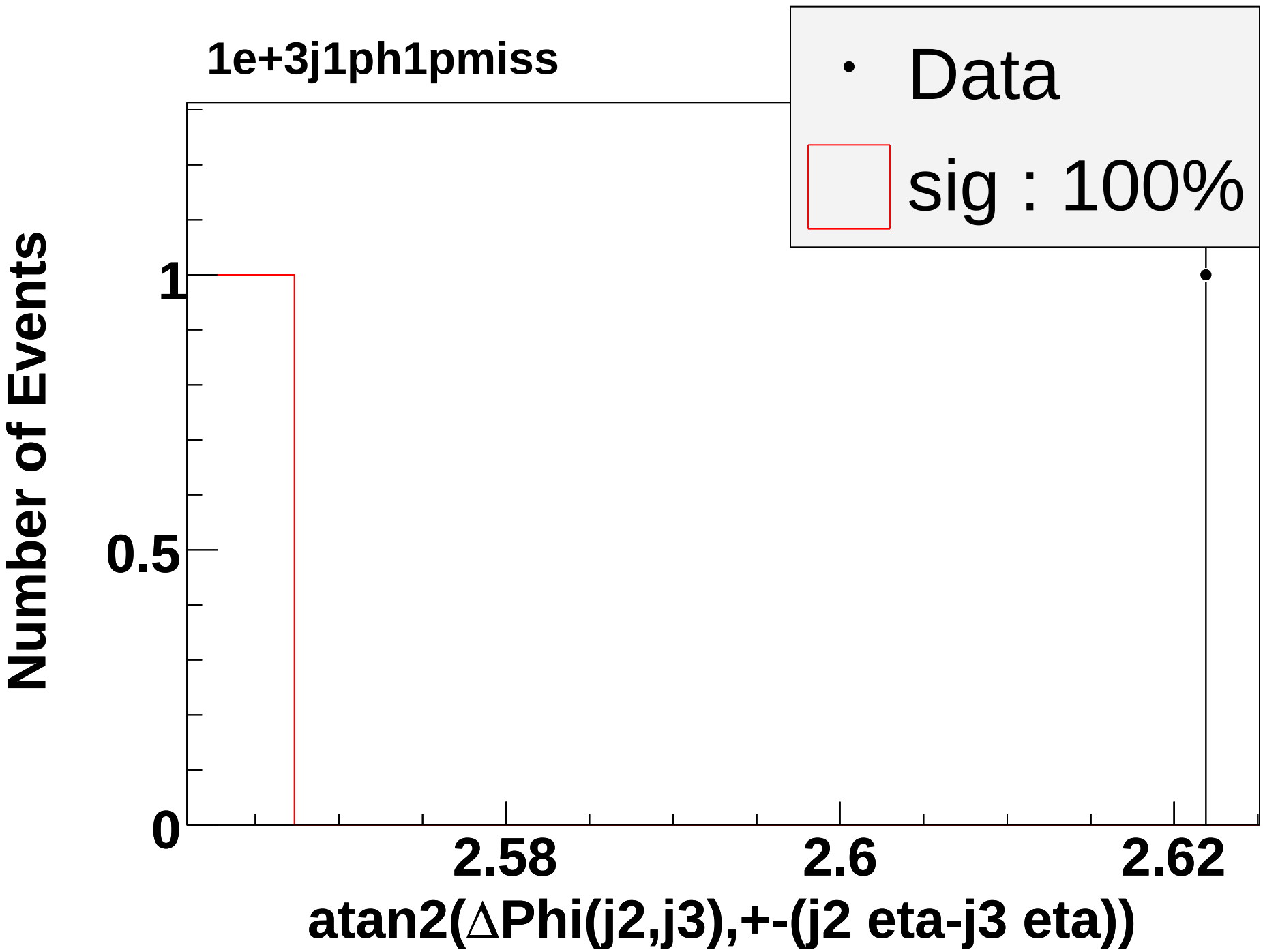

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
2
2.5
maxΔPhi(j,pmiss) (radians)

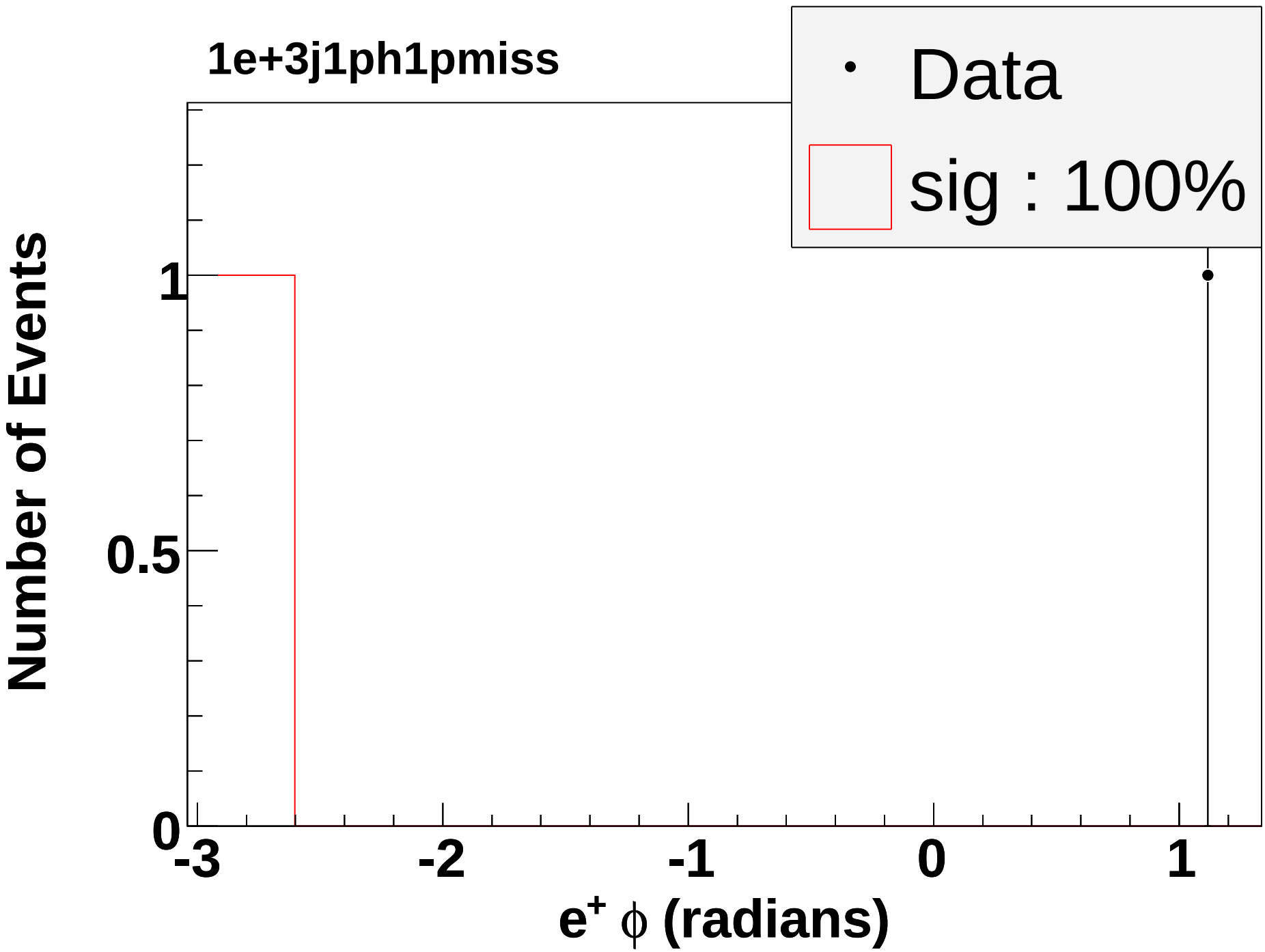

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
1.5
2
2.5
minΔR(e+,j)

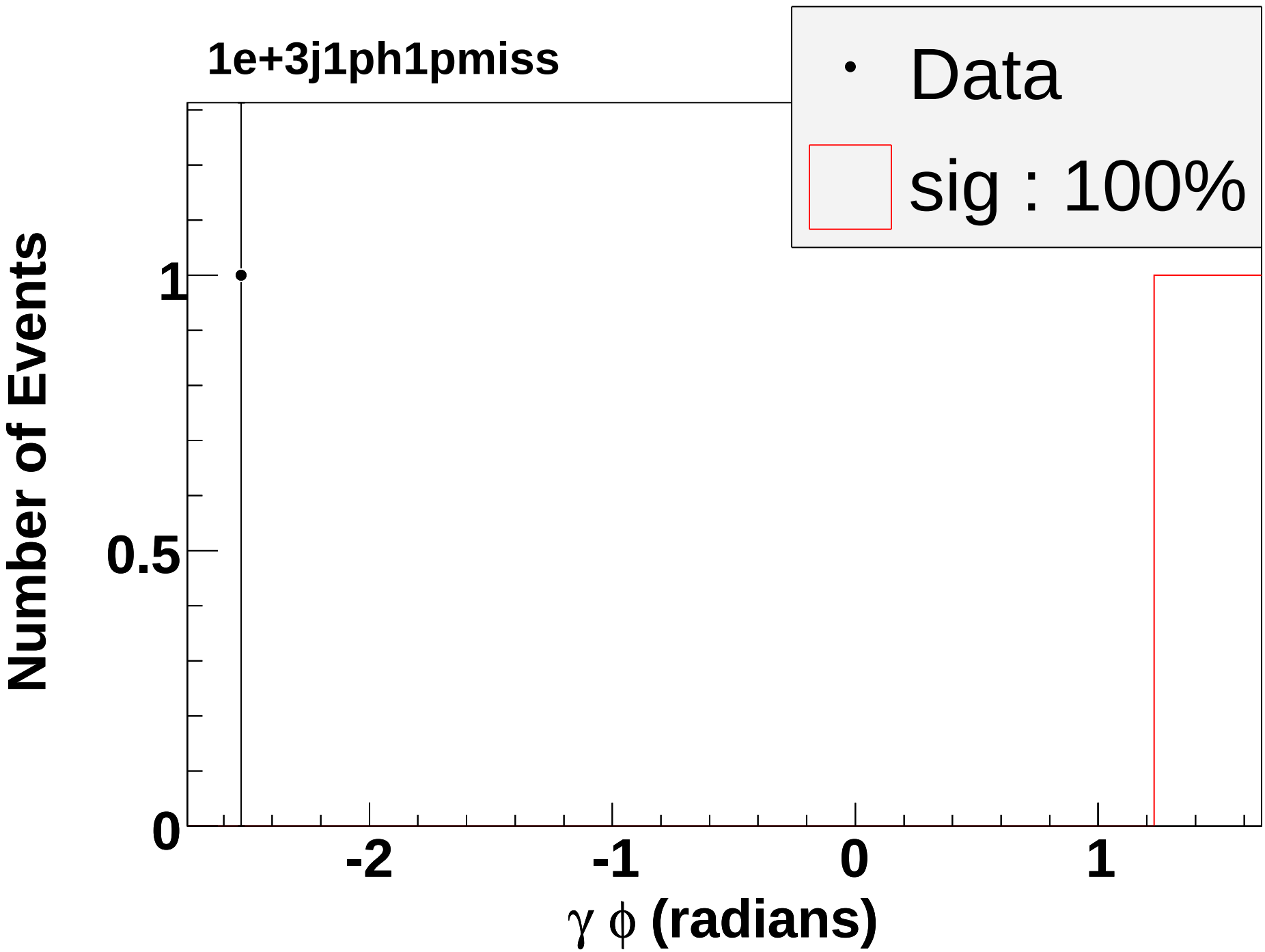

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
2.1
2.15
2.2
minΔR(γ,j)

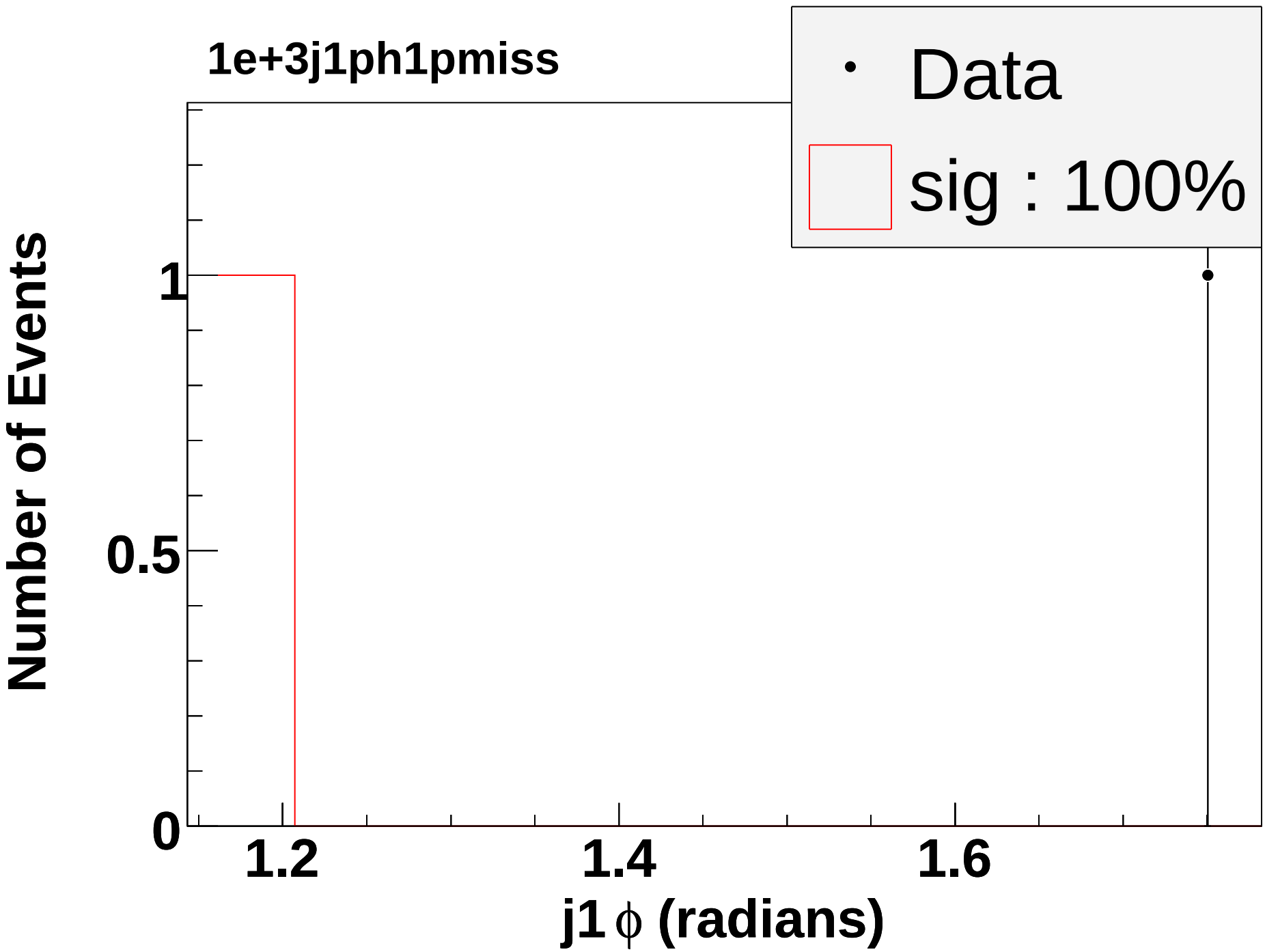

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
1.86
1.87
1.88
minΔR(j,j)

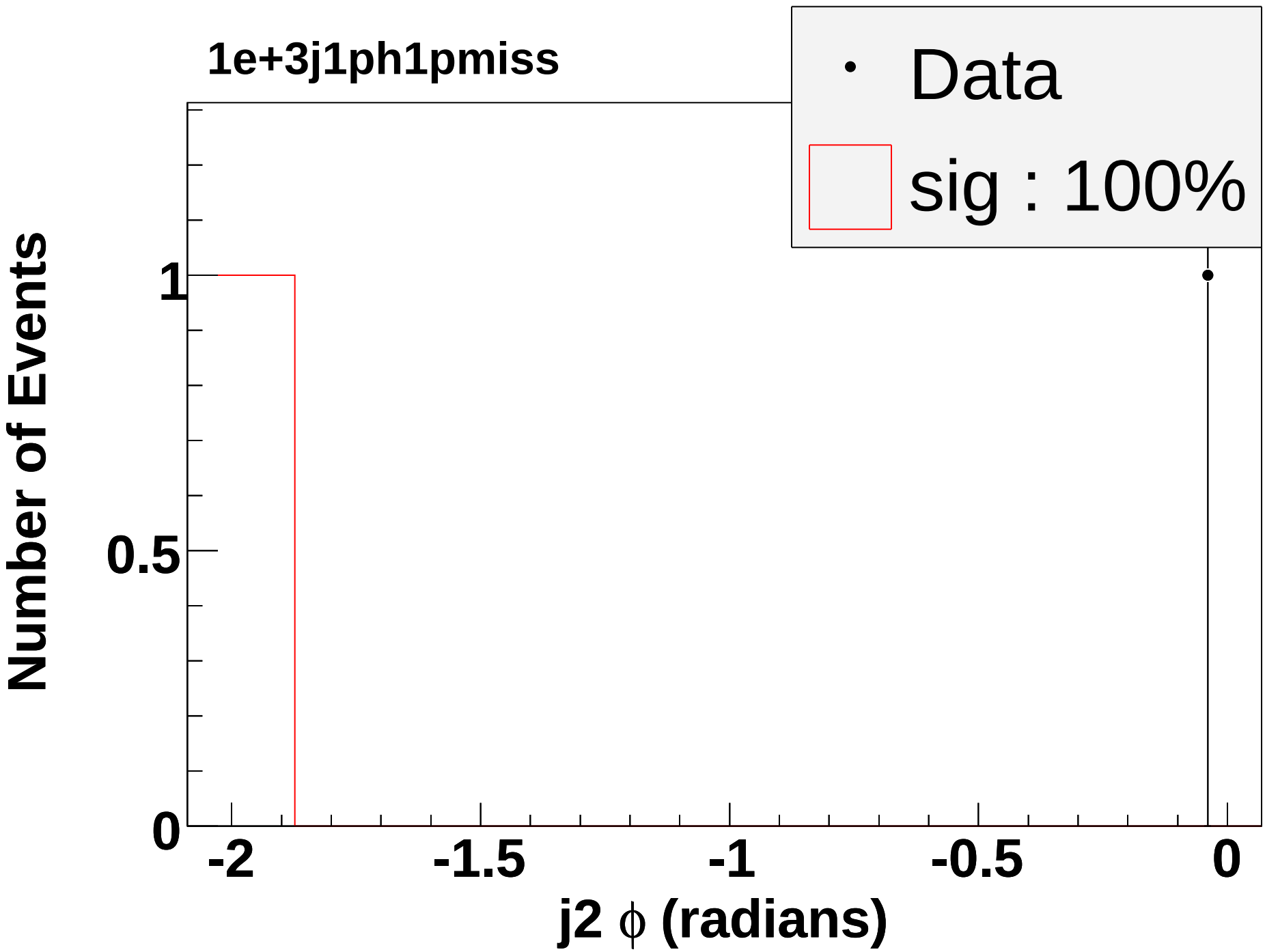

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
2.3
2.35
2.4
2.45
ΔEta(j2,j3)

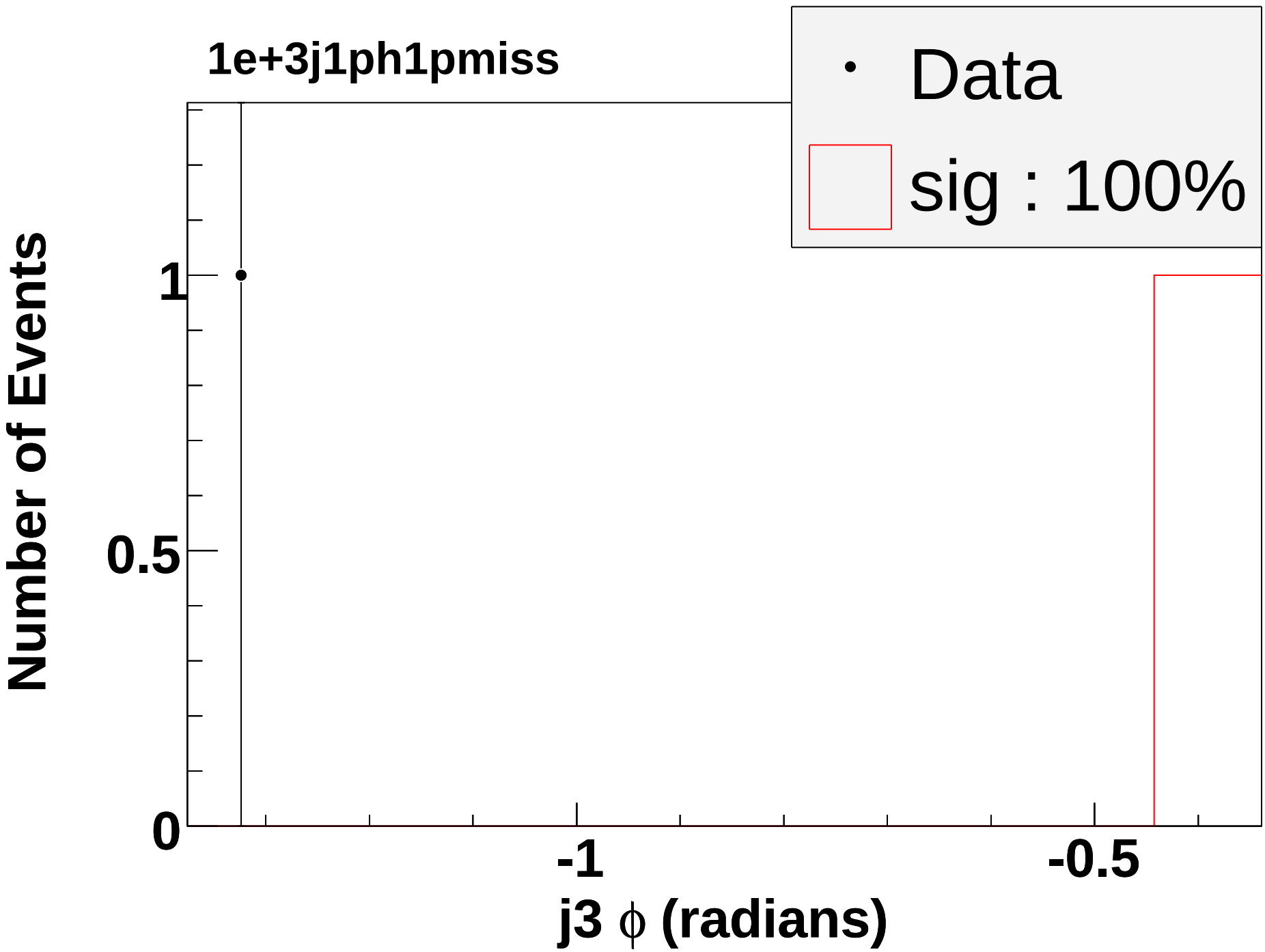

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
2.58
2.6
2.62
atan2(ΔPhi(j2,j3),+-(j2 eta-j3 eta))

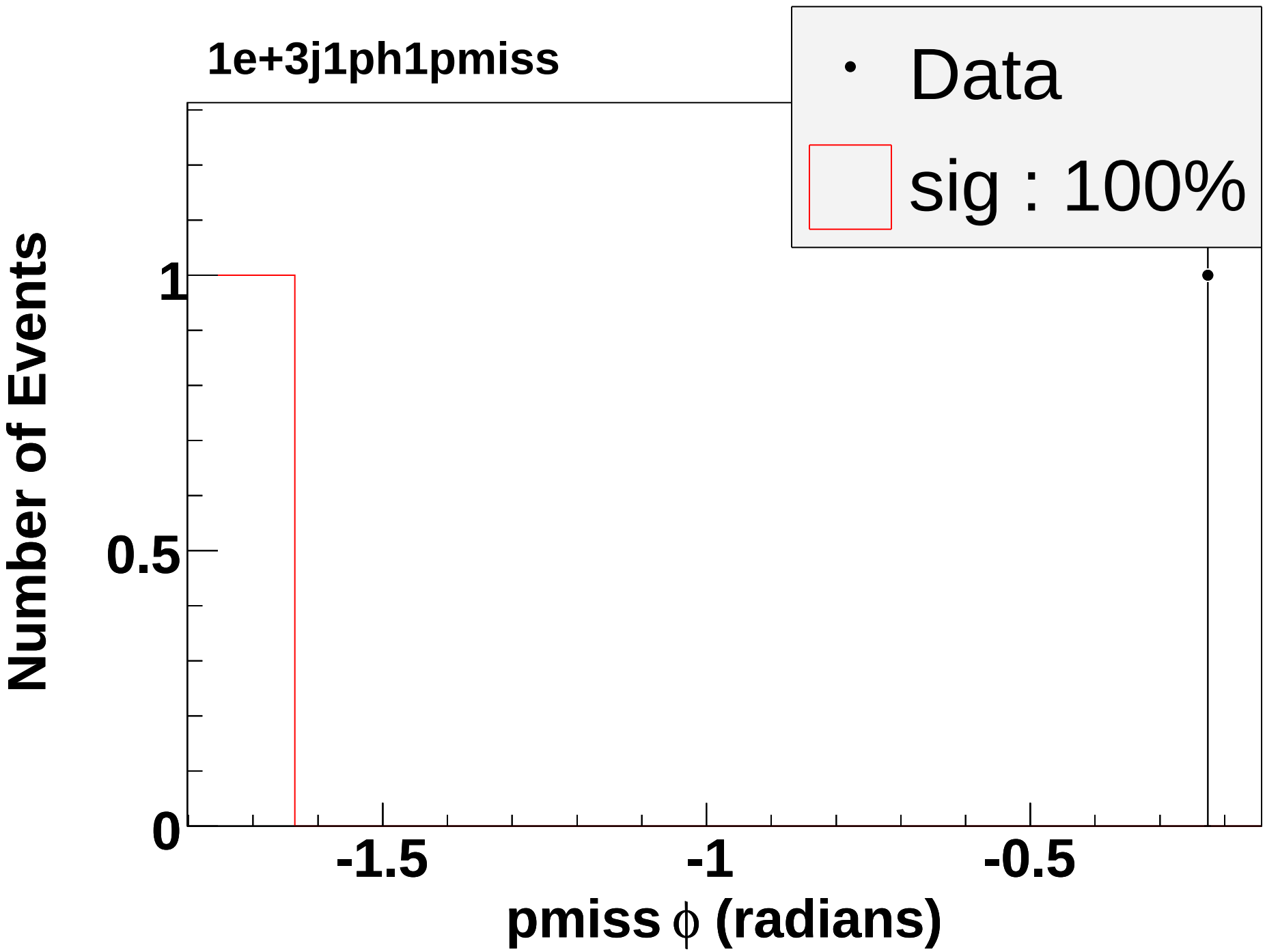

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
-3
-2
-1
0
1
e+ ϕ (radians)

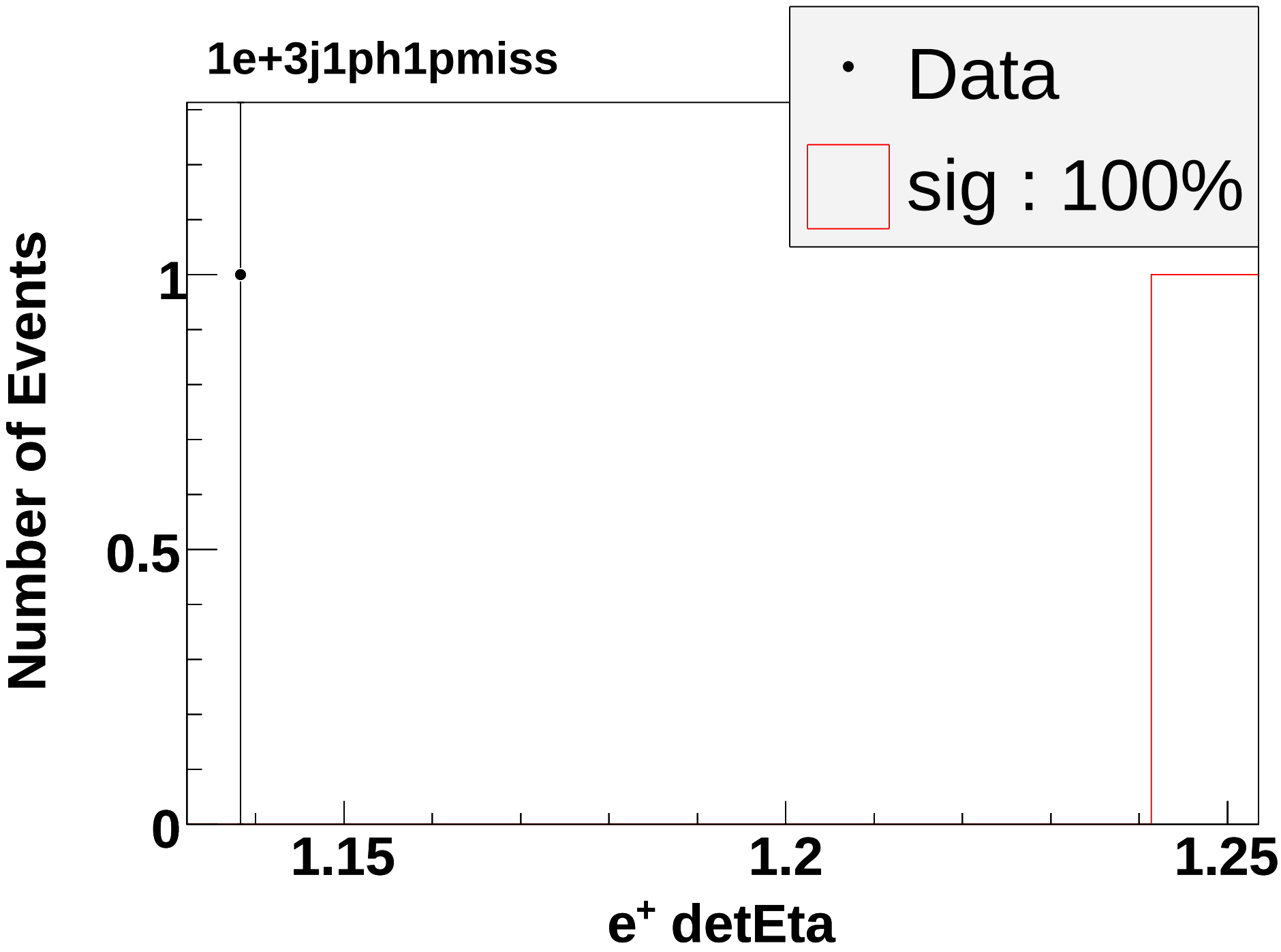

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
-2
-1
0
1
γ ϕ (radians)

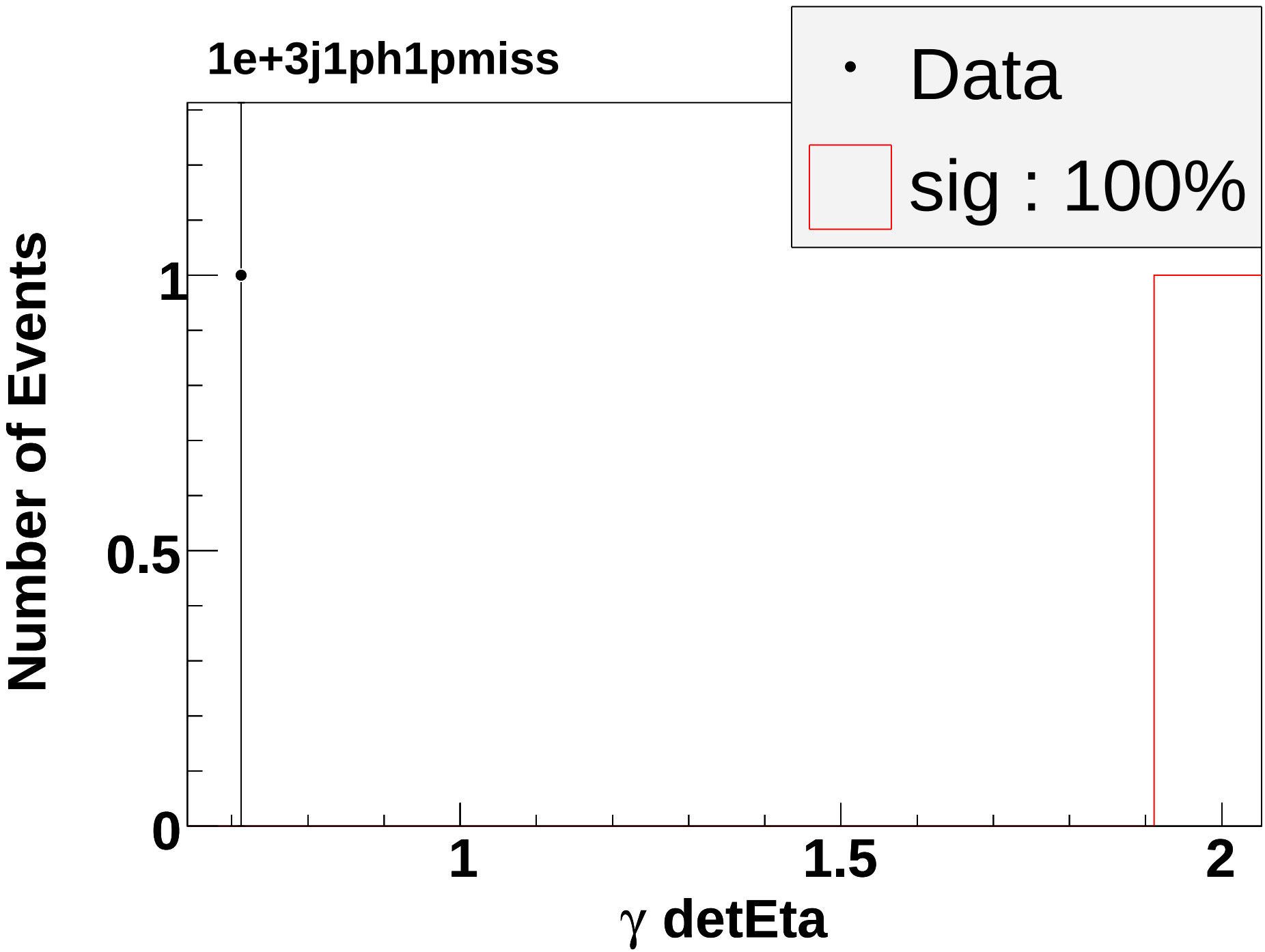

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
1.2
1.4
1.6
j1 ϕ (radians)

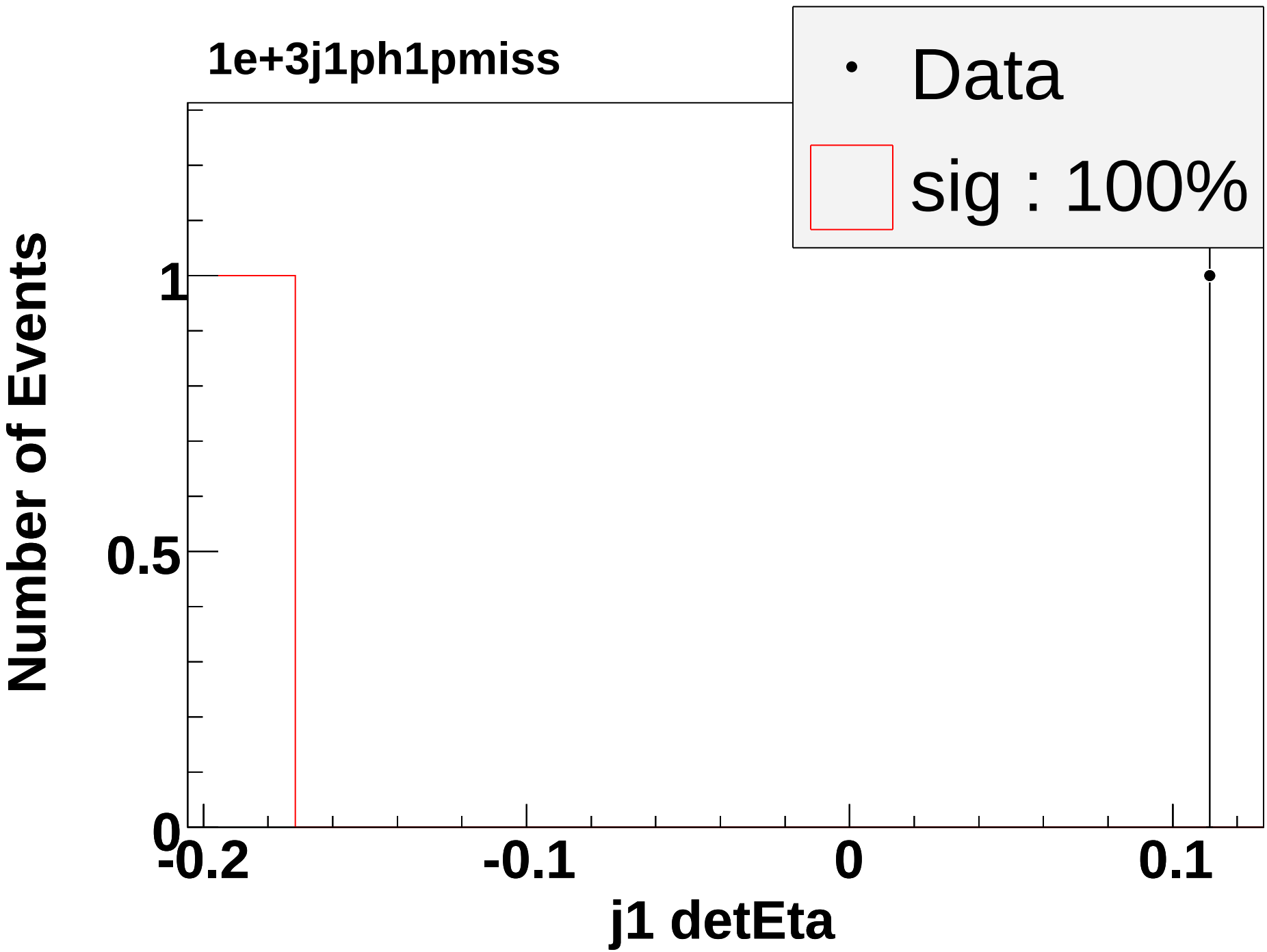

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
-2
-1.5
-1
-0.5
0
j2 ϕ (radians)

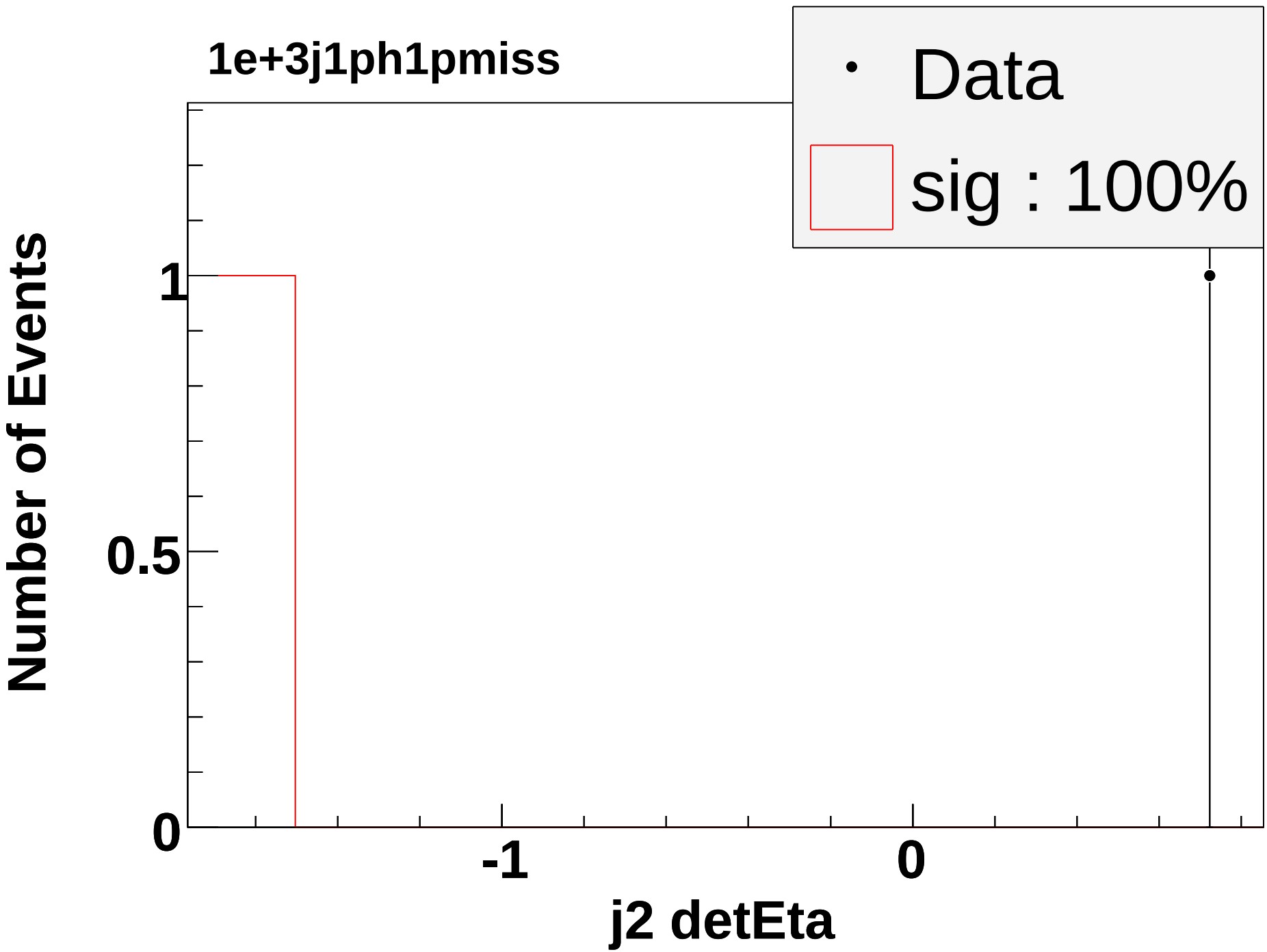

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
-1
-0.5
j3 ϕ (radians)

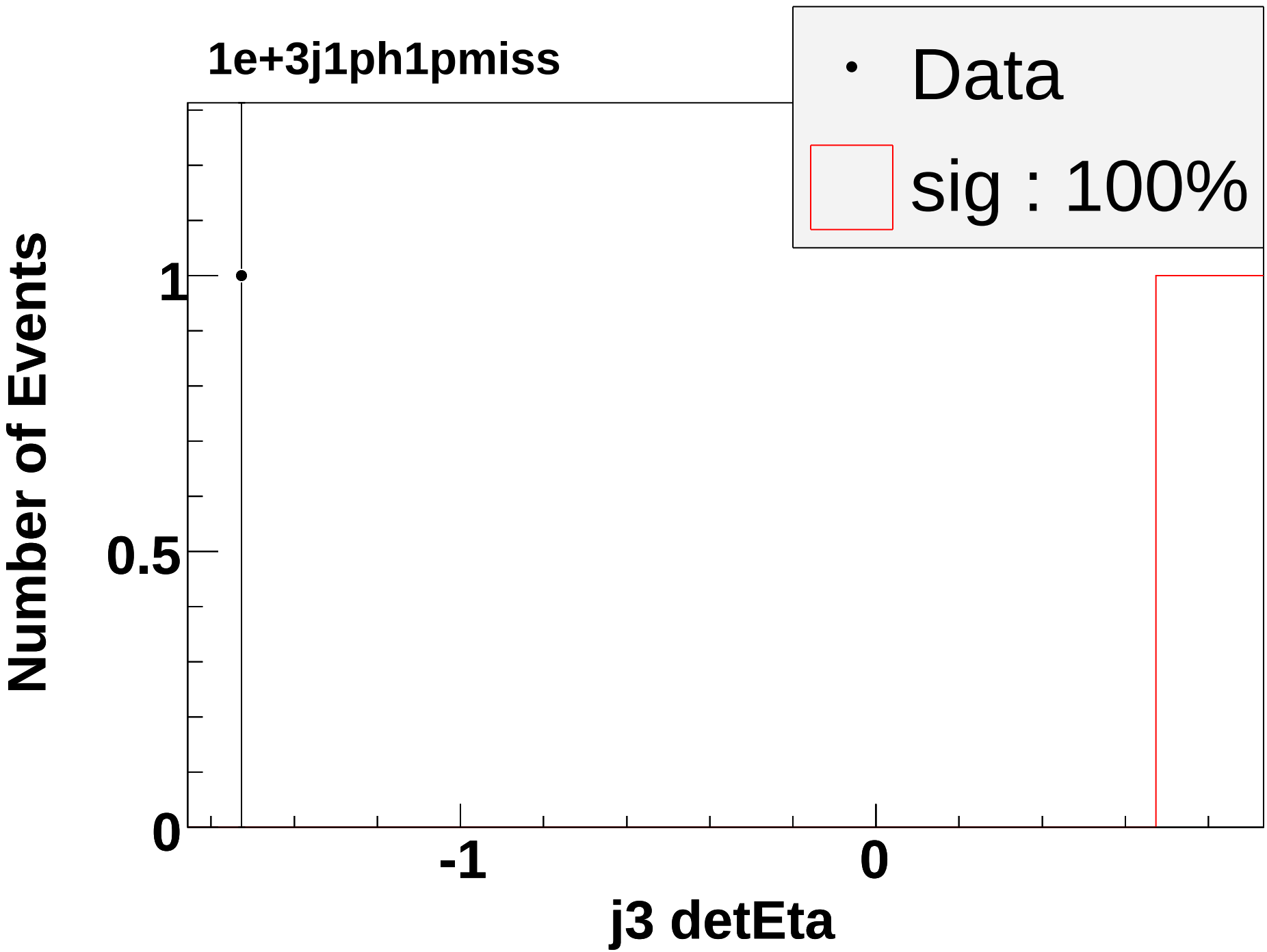

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
-1.5
-1
-0.5
pmiss ϕ (radians)

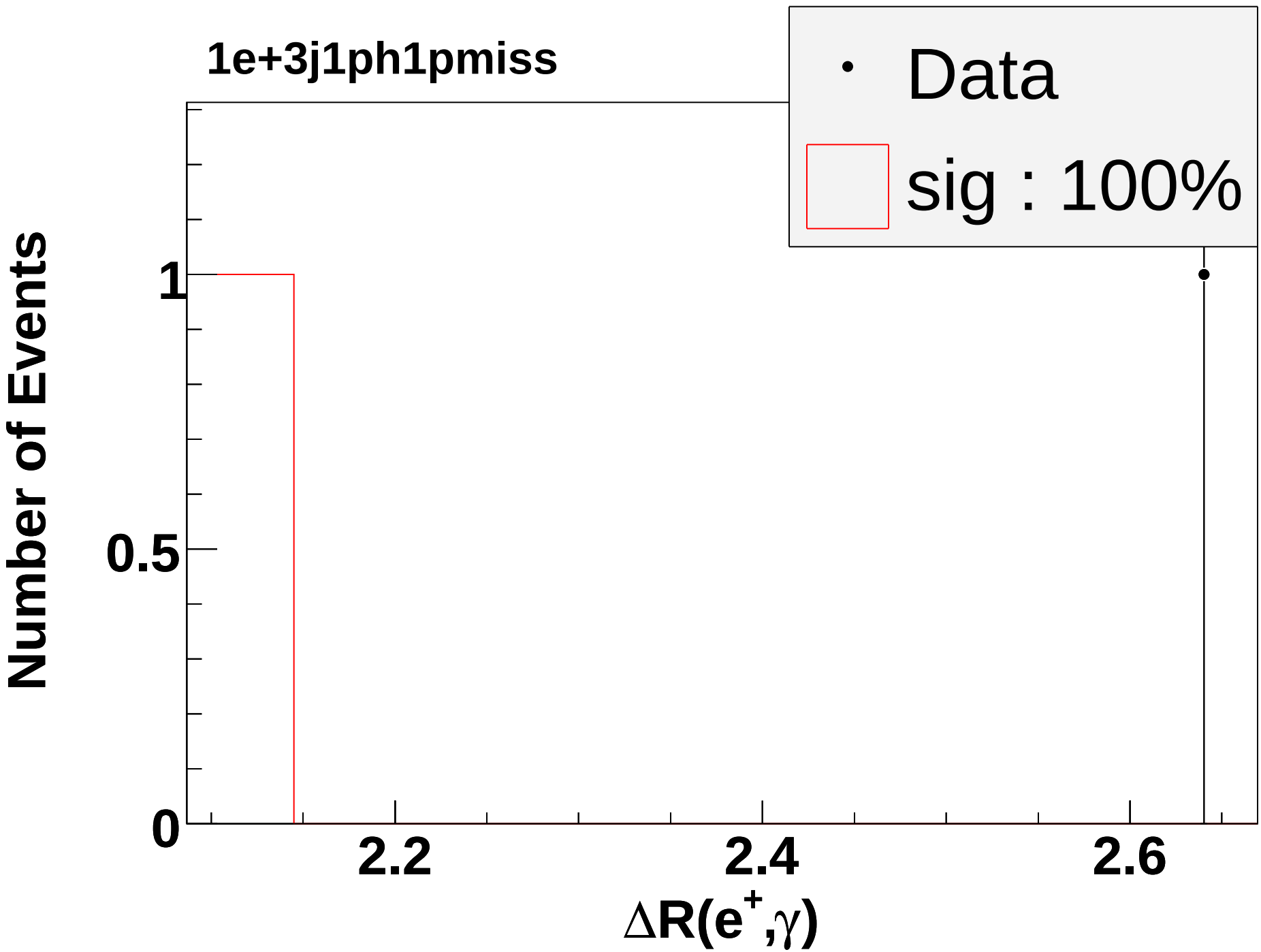

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
1.15
1.2
1.25
e+ detEta

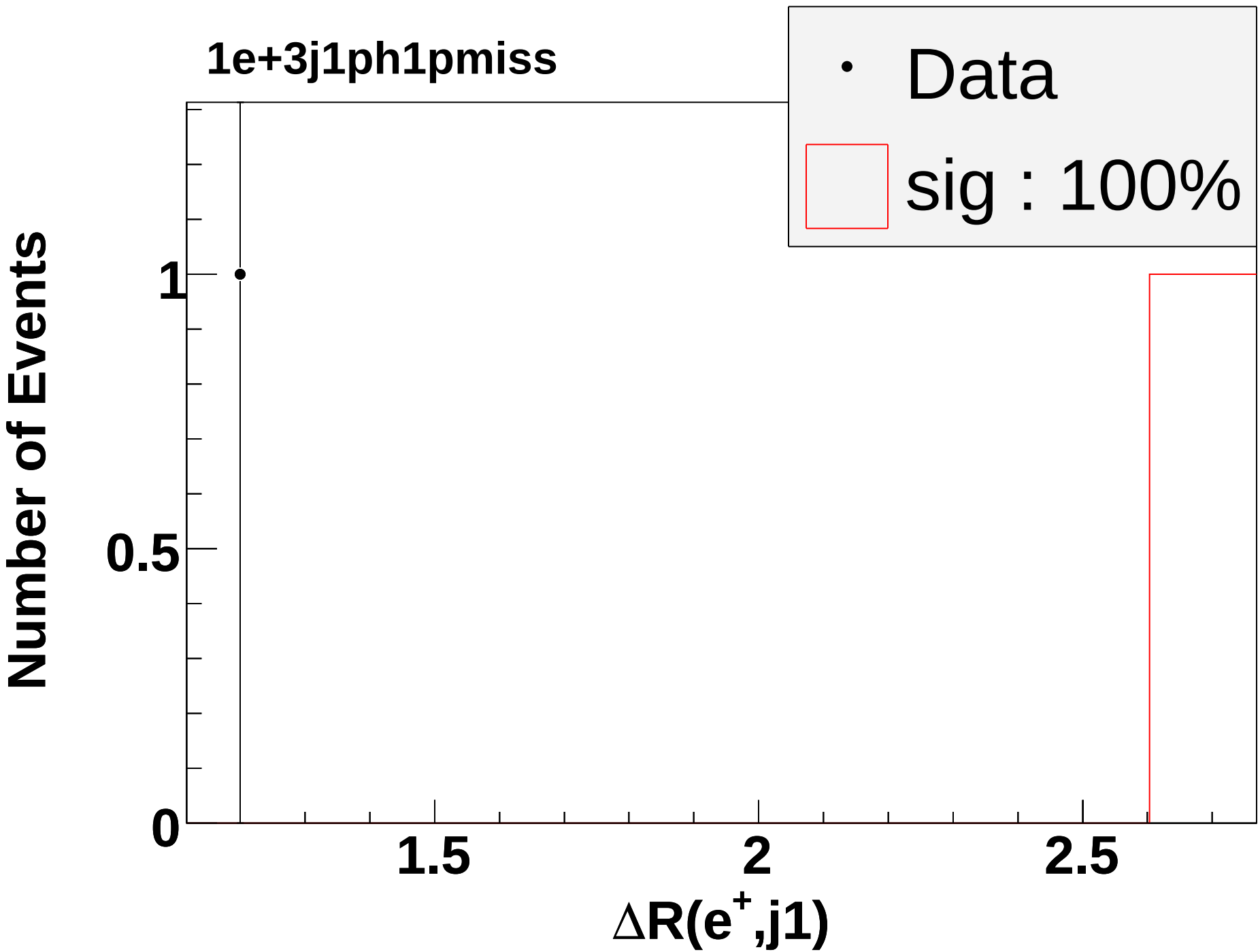

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
0
0.5
1
1
1.5
2
γ detEta

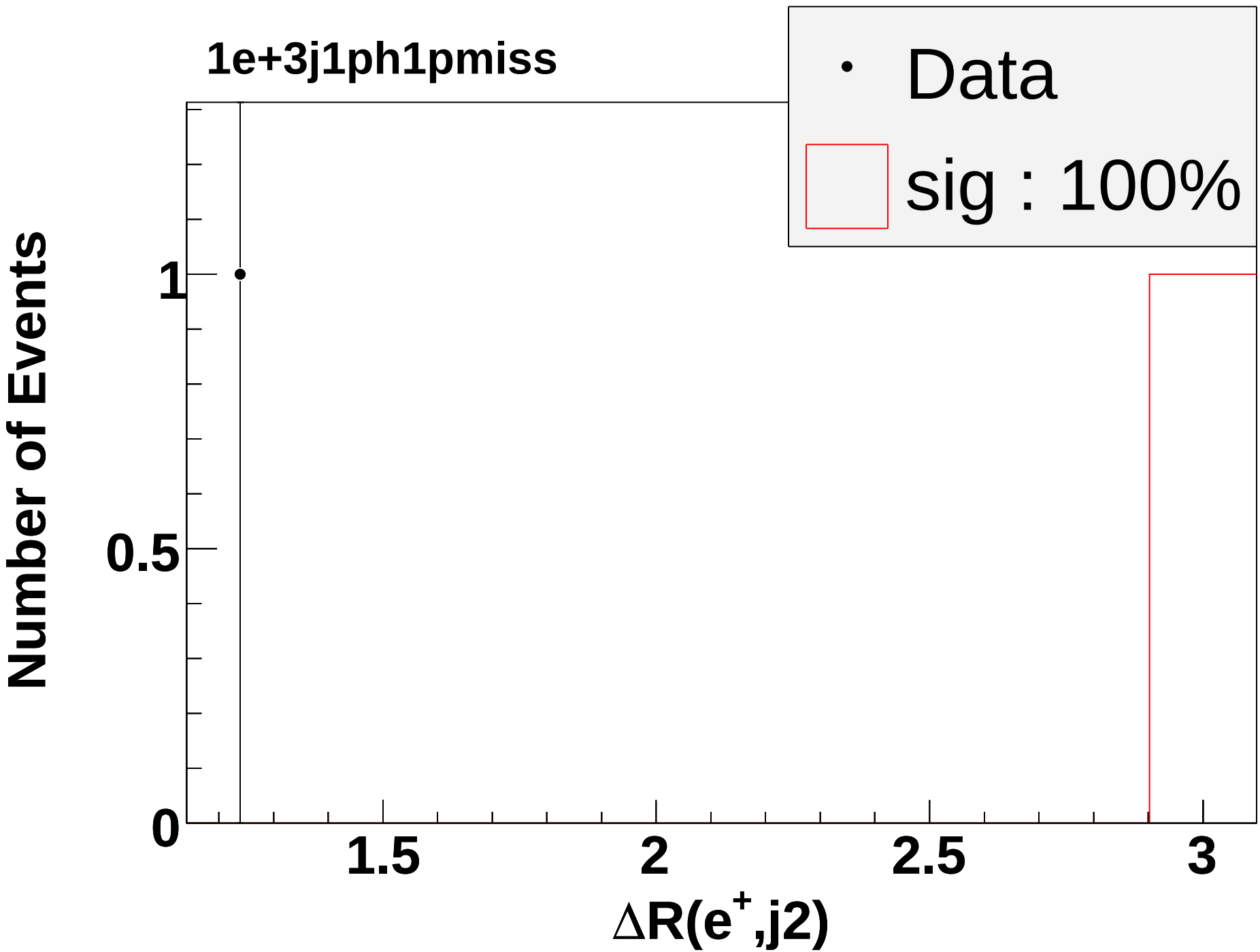

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
-0.2
-0.1
0
0.1
j1 detEta

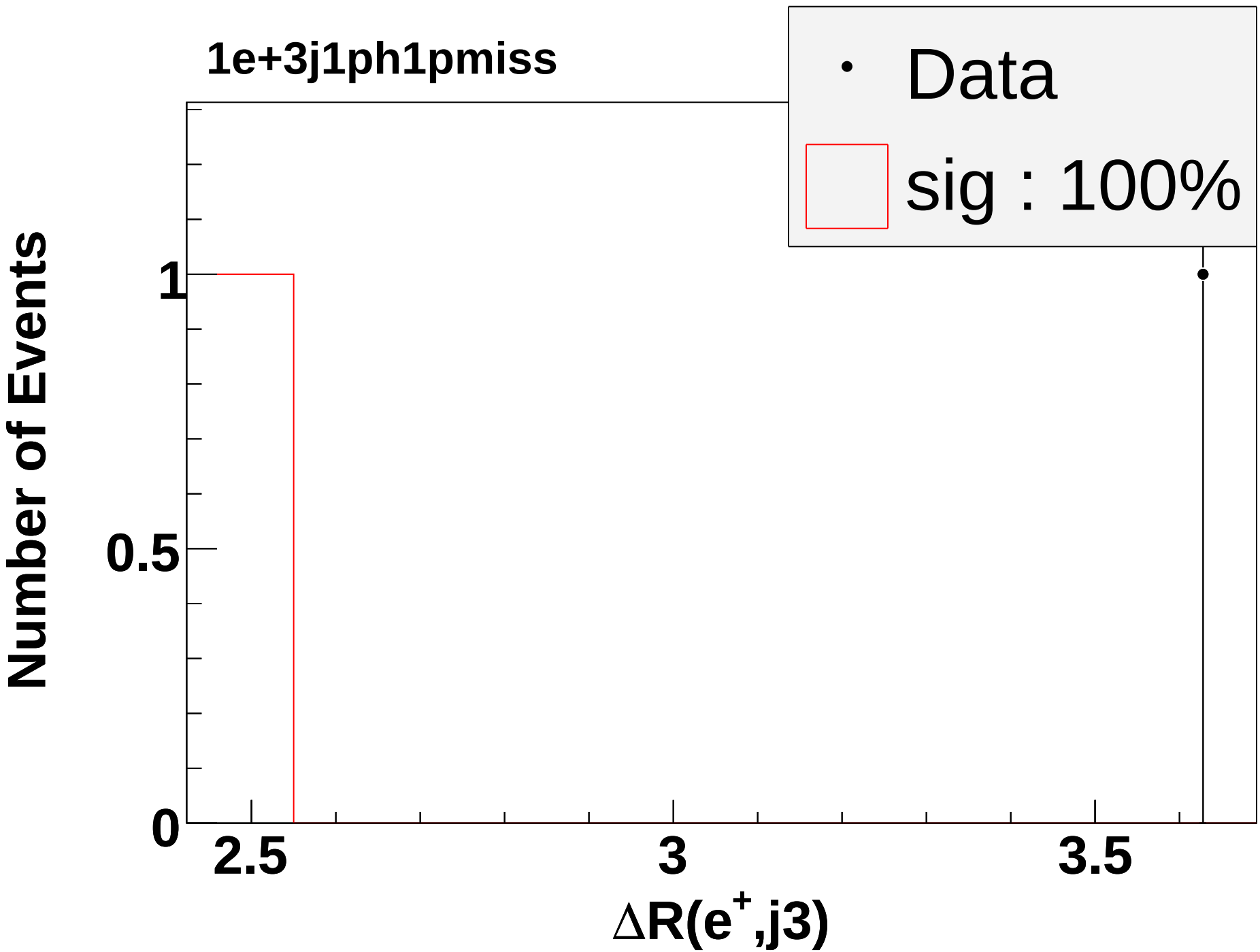

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
-1
0
j2 detEta

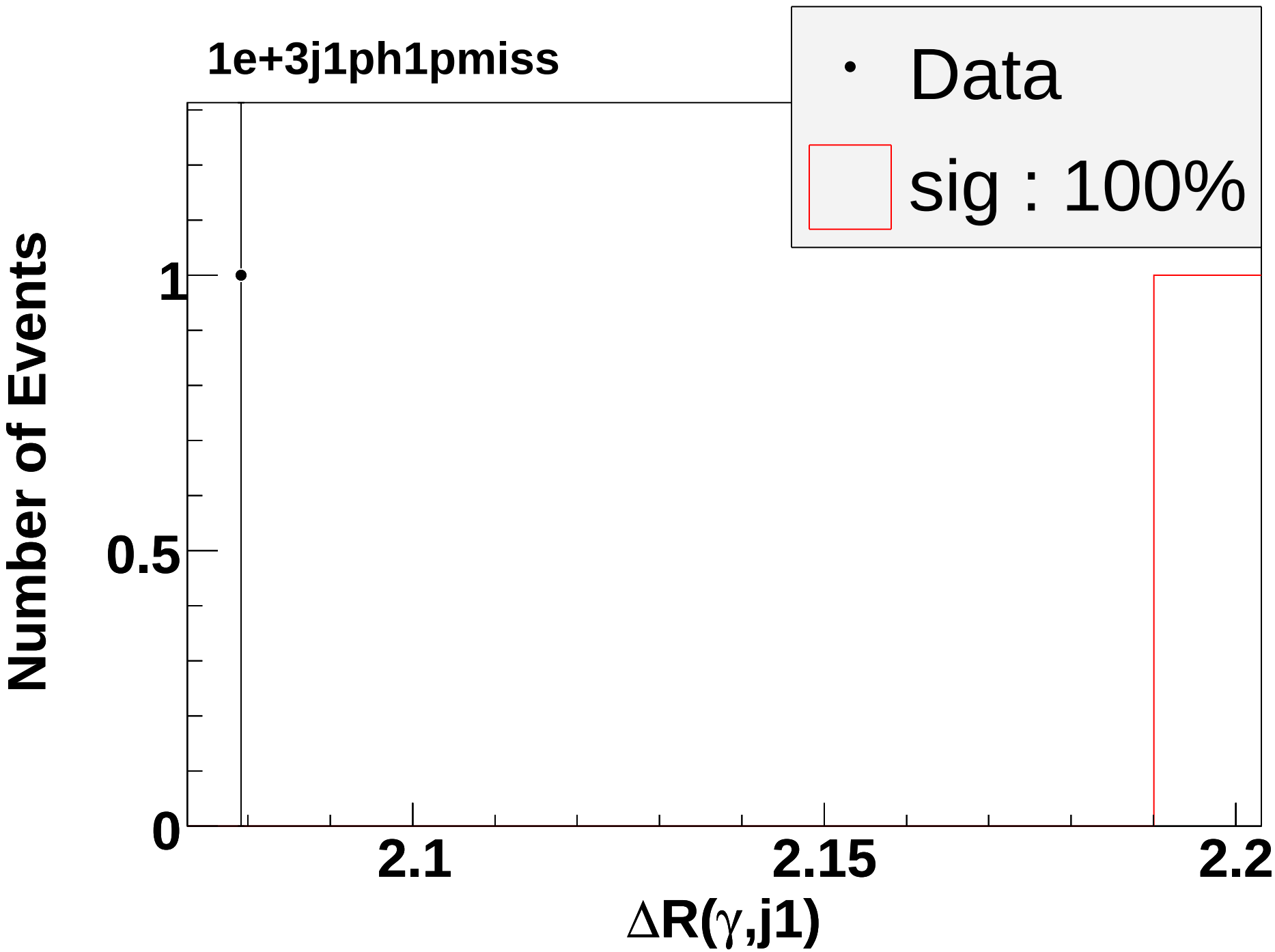

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
-1
0
j3 detEta

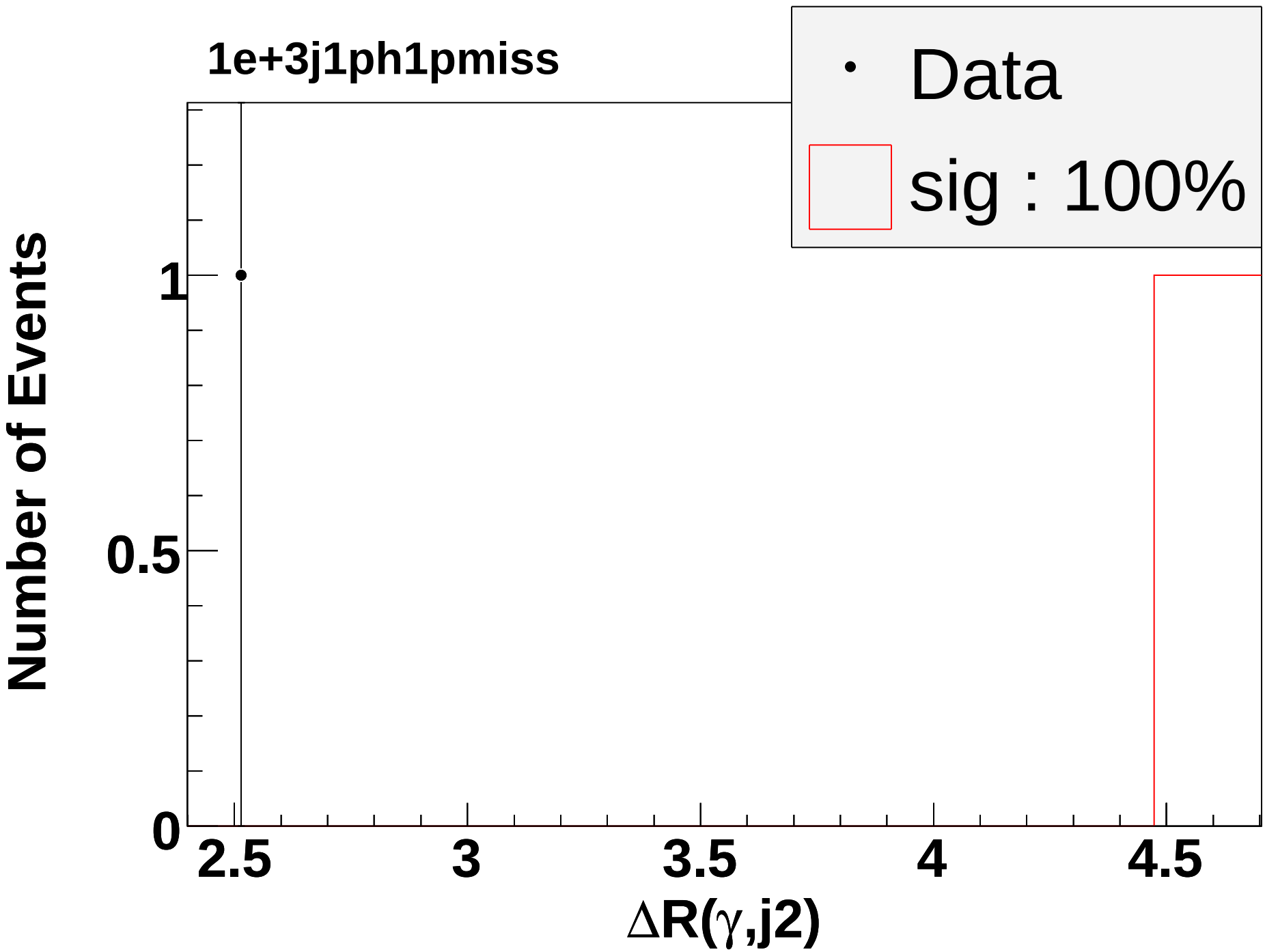

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
2.2
2.4
2.6
ΔR(e+,γ)

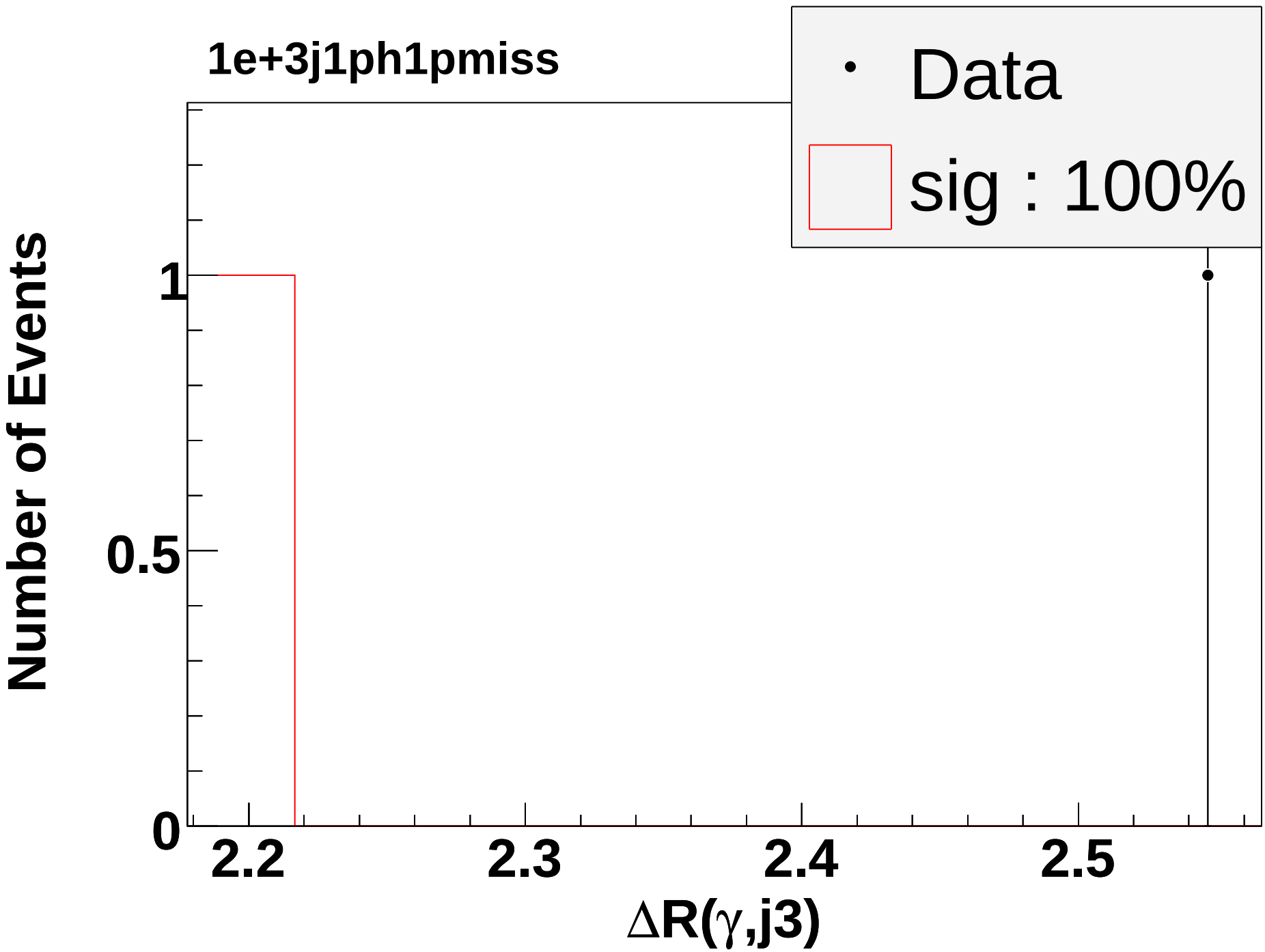

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
1.5
2
2.5
ΔR(e+,j1)

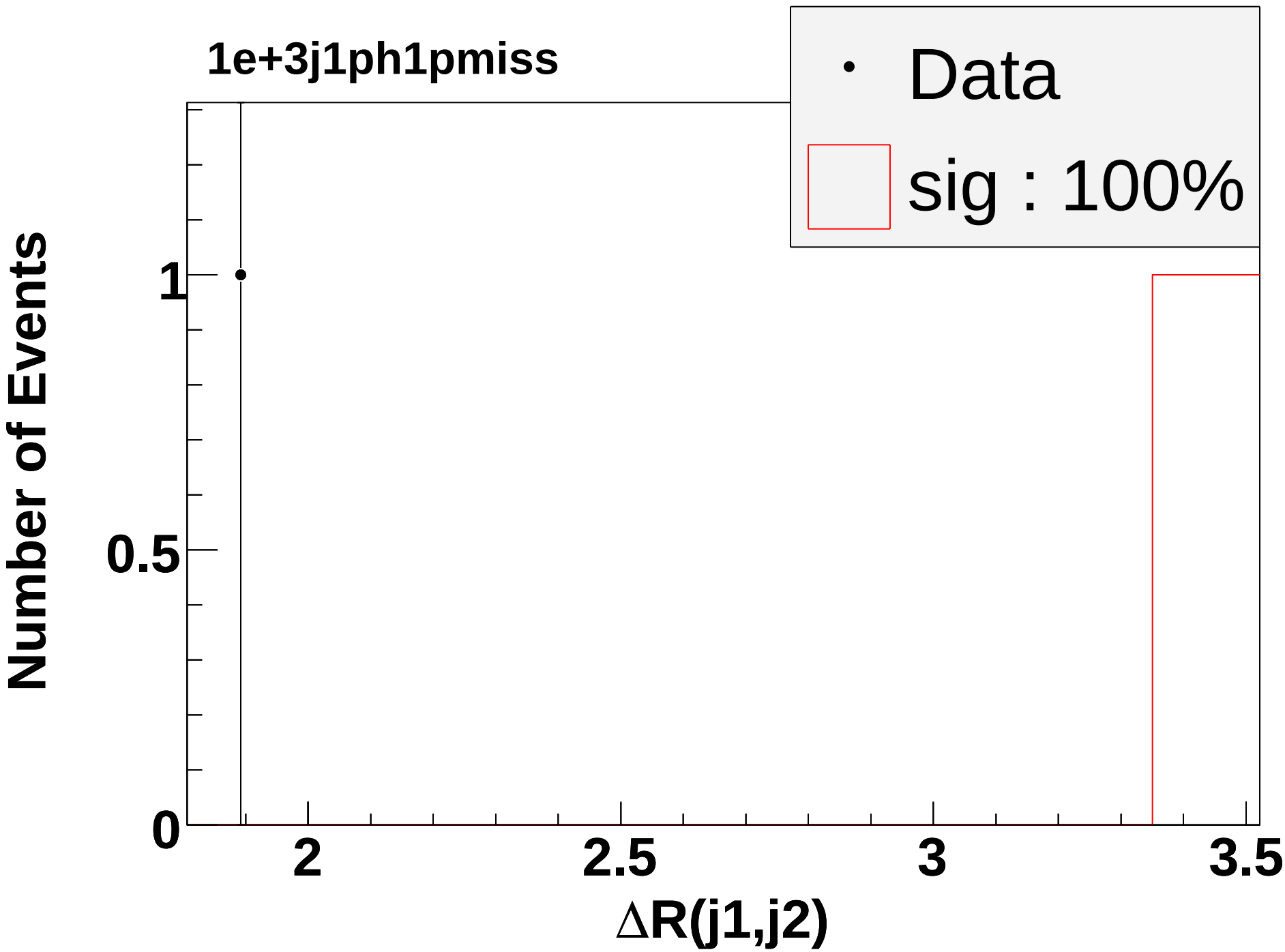

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
0
0.5
1
1.5
2
2.5
3
ΔR(e+,j2)

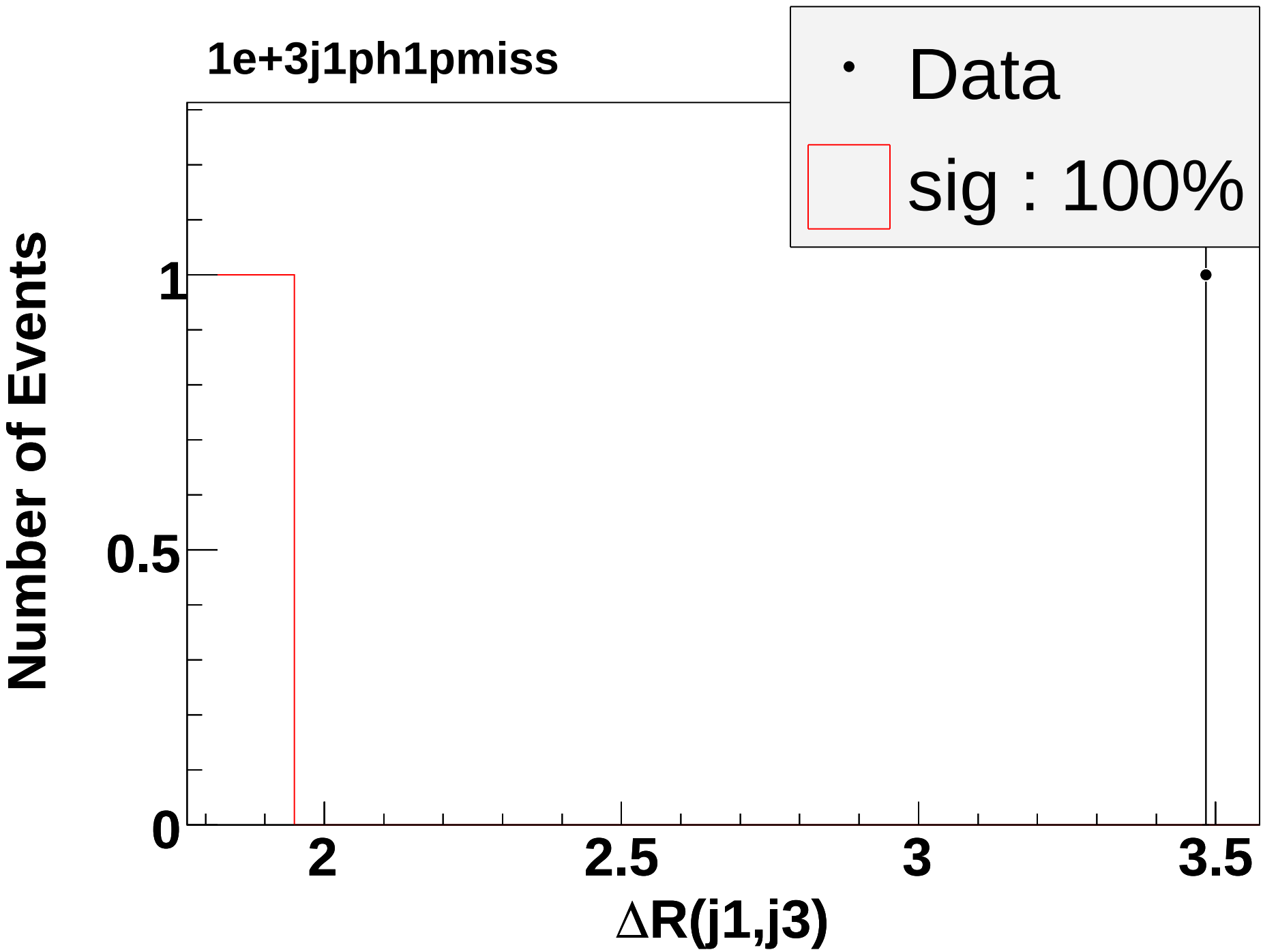

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
2.5
3
3.5
ΔR(e+,j3)

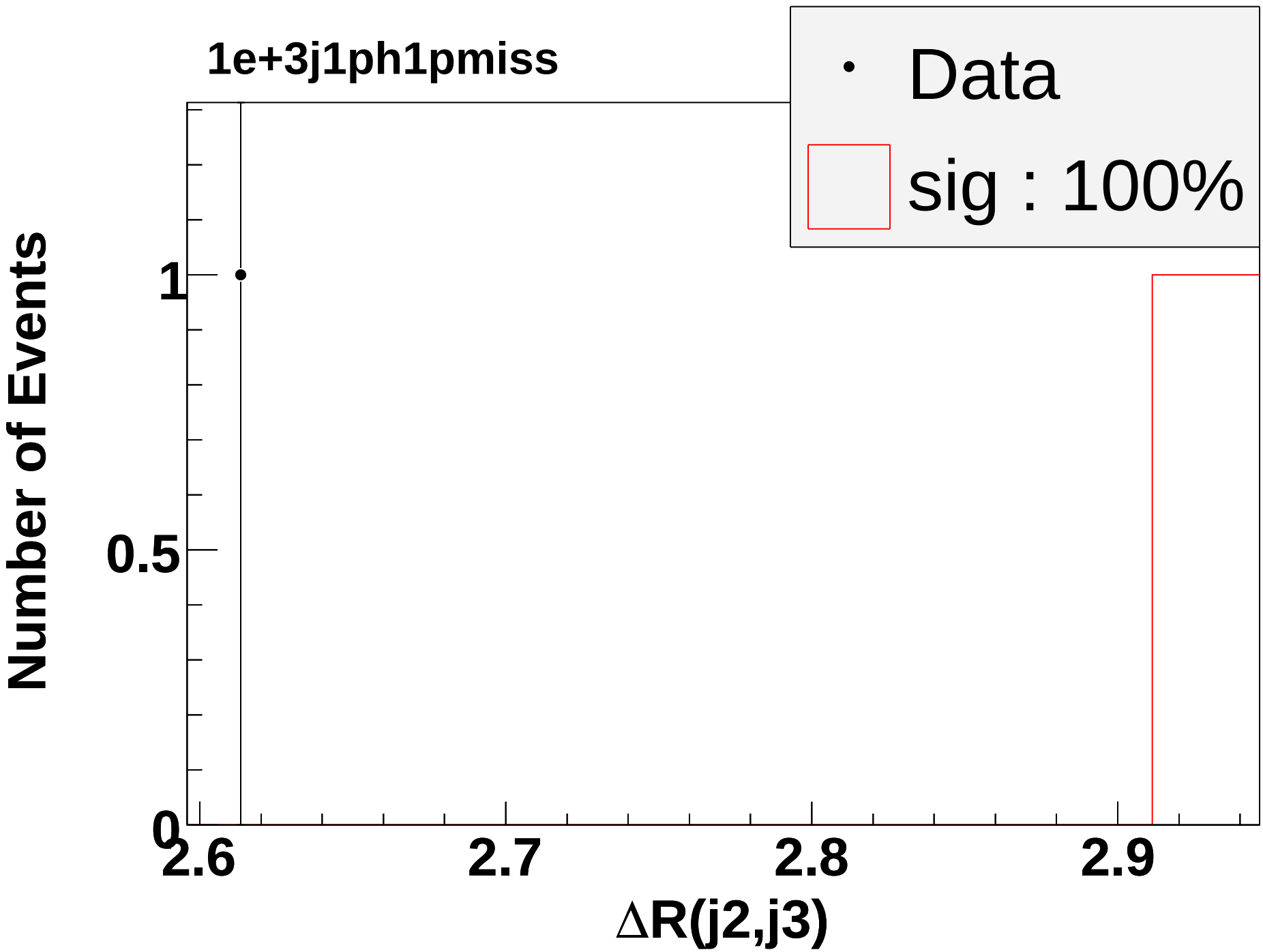

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
2.1
2.15
2.2
ΔR(γ,j1)

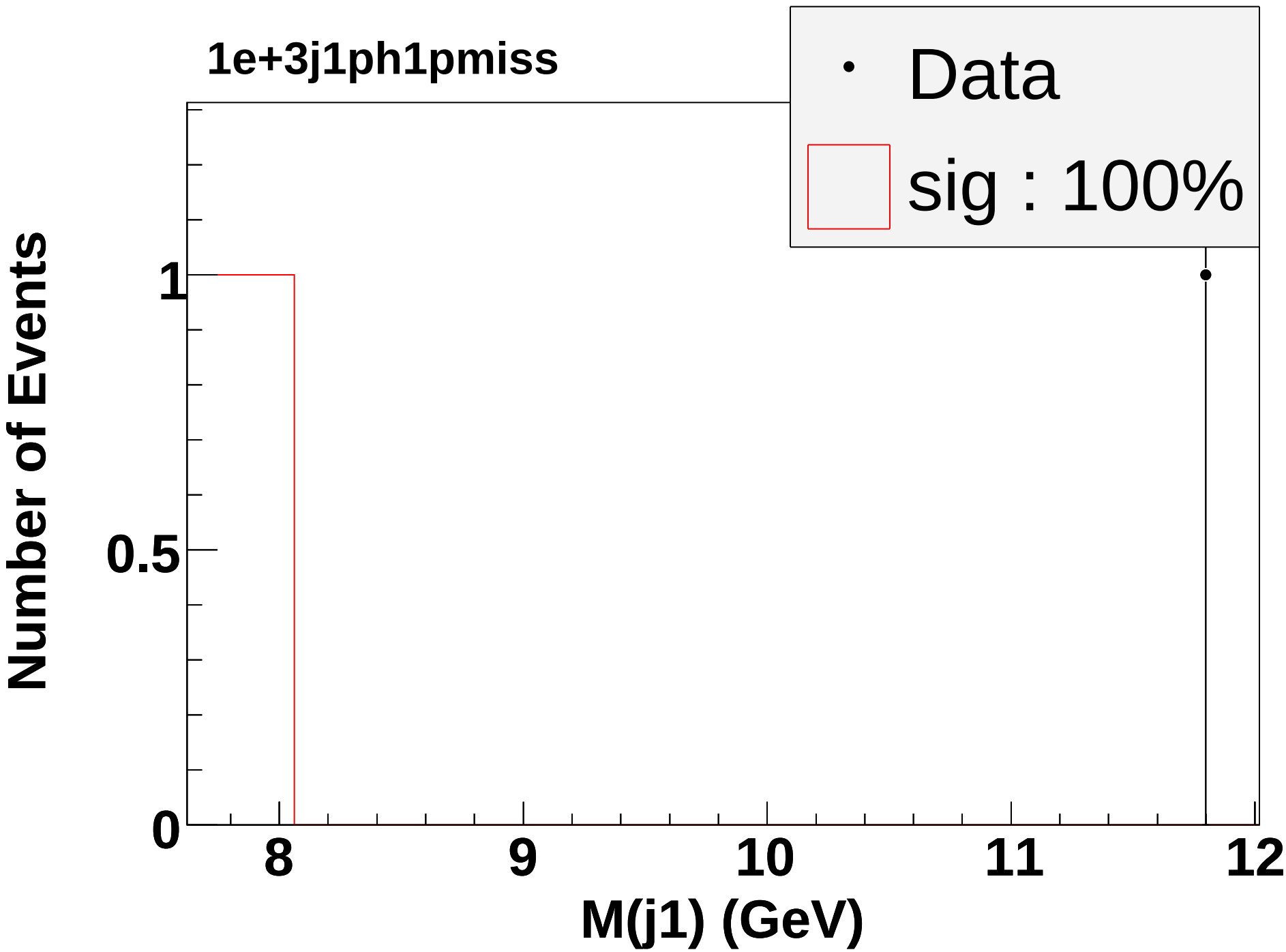

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
2.5
3
3.5
4
4.5
ΔR(γ,j2)

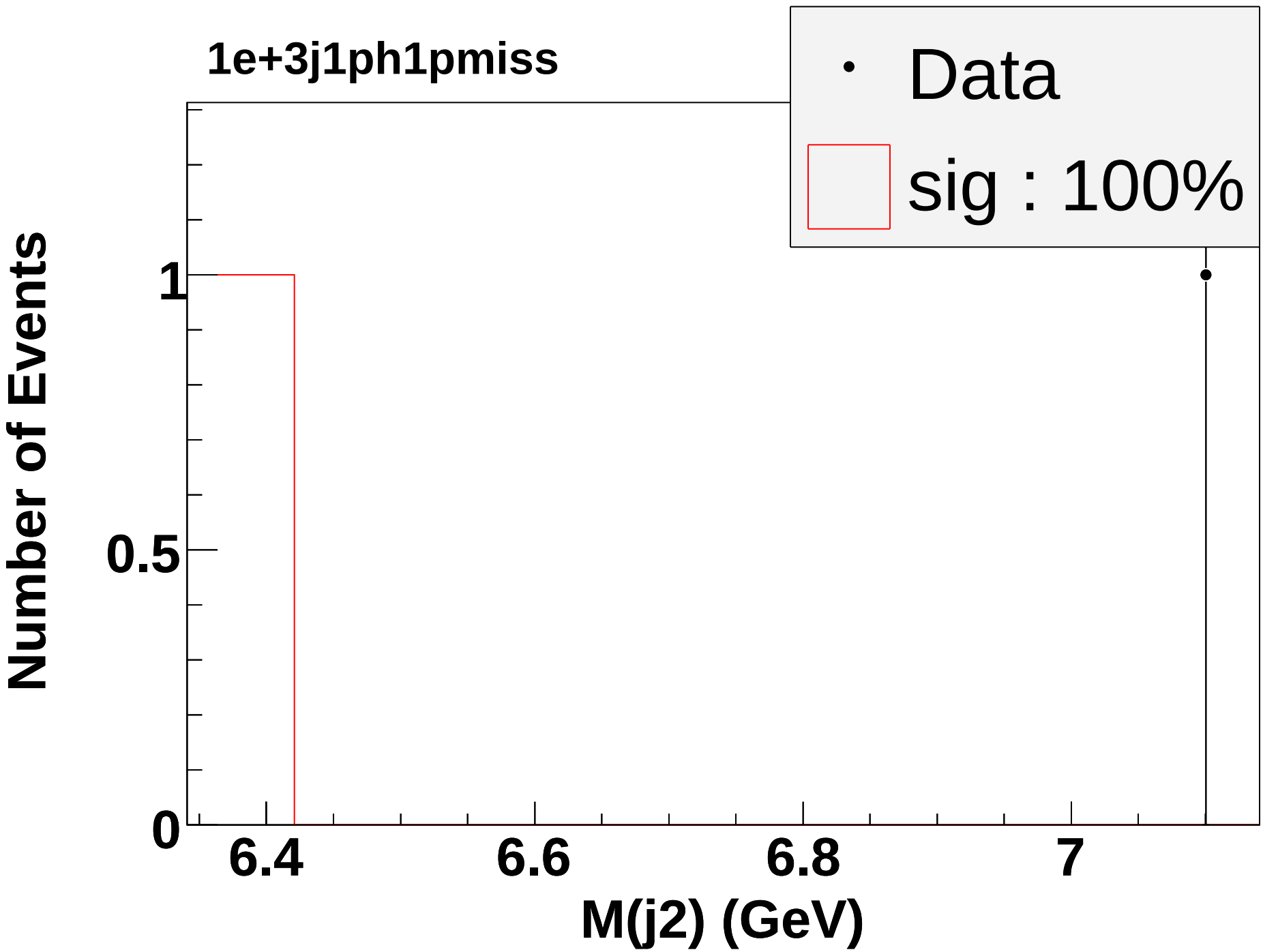

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
2.2
2.3
2.4
2.5
ΔR(γ,j3)

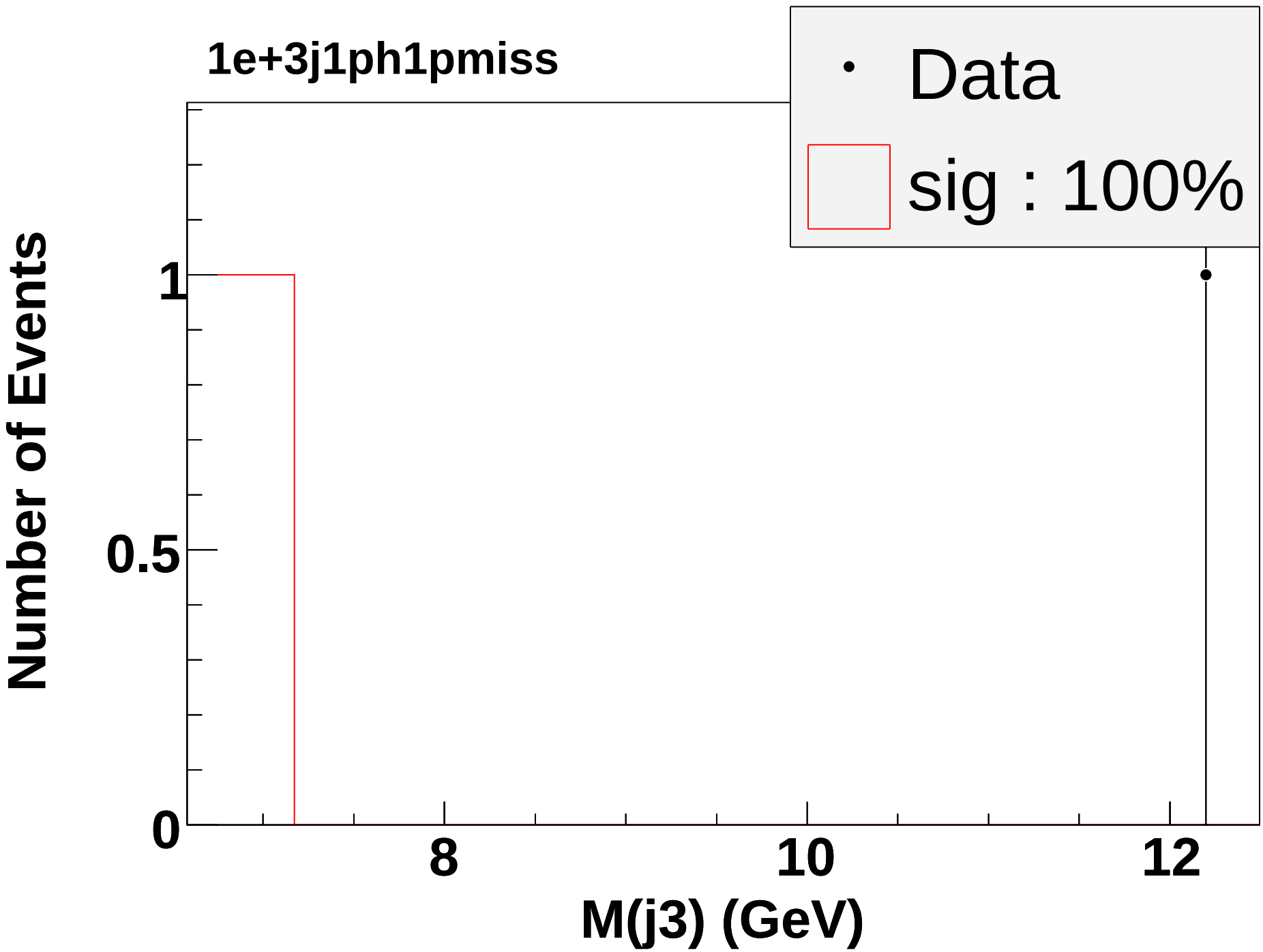

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
2
2.5
3
3.5
ΔR(j1,j2)

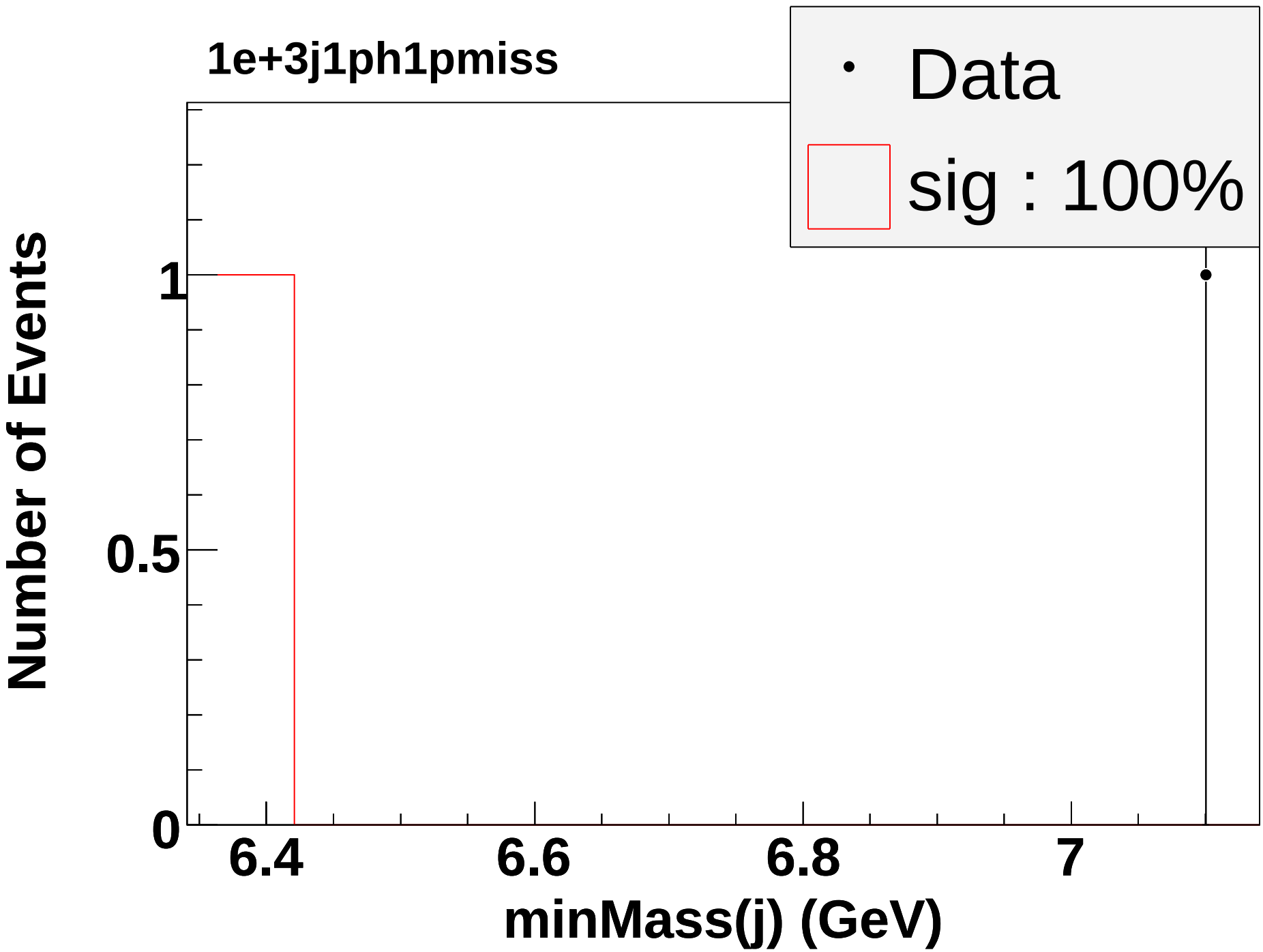

1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
0
0.5
1
2
2.5
3
3.5
ΔR(j1,j3)


1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
2.6
2.7
2.8
2.9
ΔR(j2,j3)


1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
0
0.5
1
8
9
10
11
12
M(j1) (GeV)


1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
6.4
6.6
6.8
7
M(j2) (GeV)


1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
0
0.5
1
8
10
12
M(j3) (GeV)


1e+3j1ph1pmiss
Data
sig : 100%
Number of Events
1
0.5
0
6.4
6.6
6.8
7
minMass(j) (GeV)