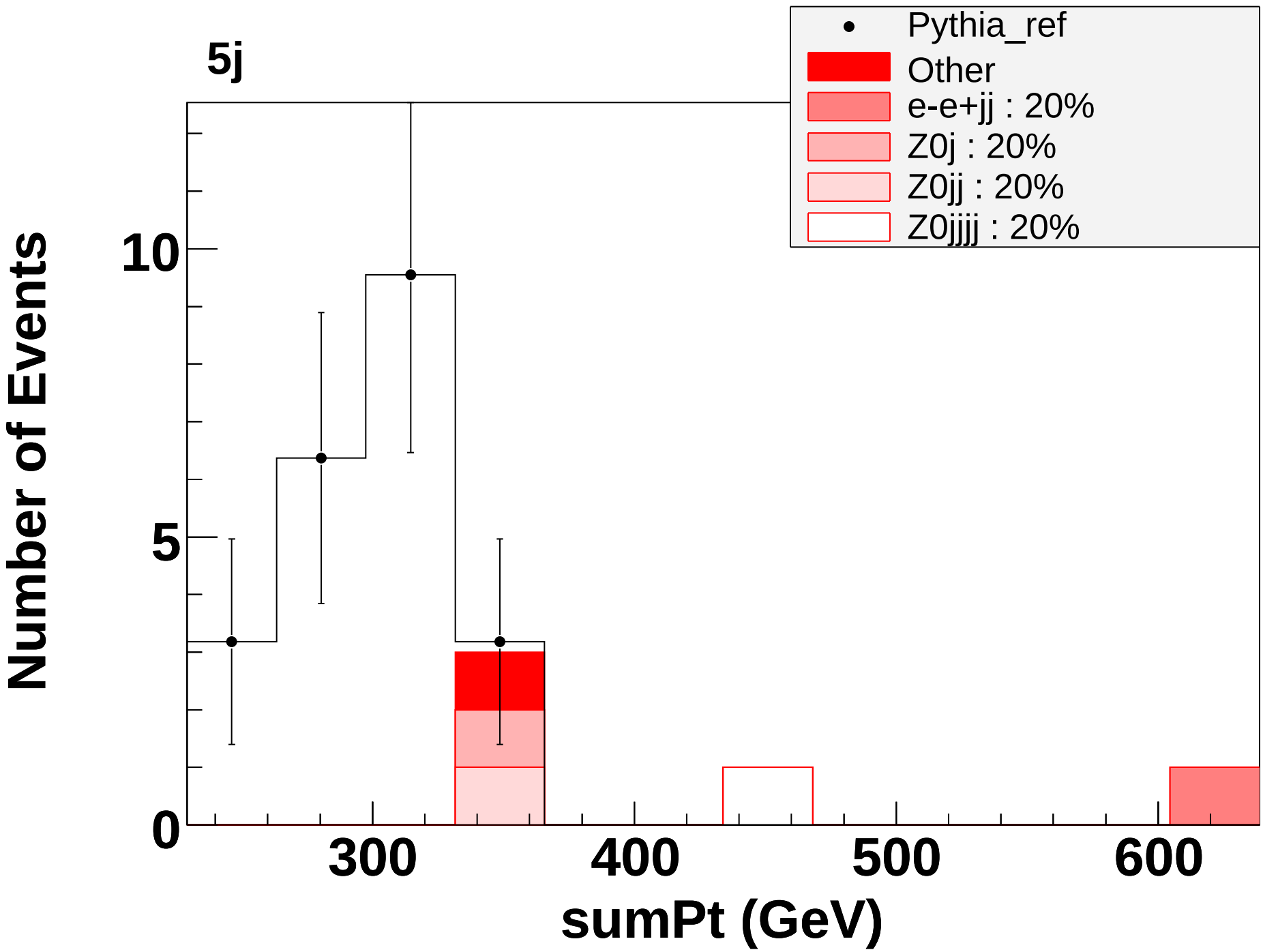
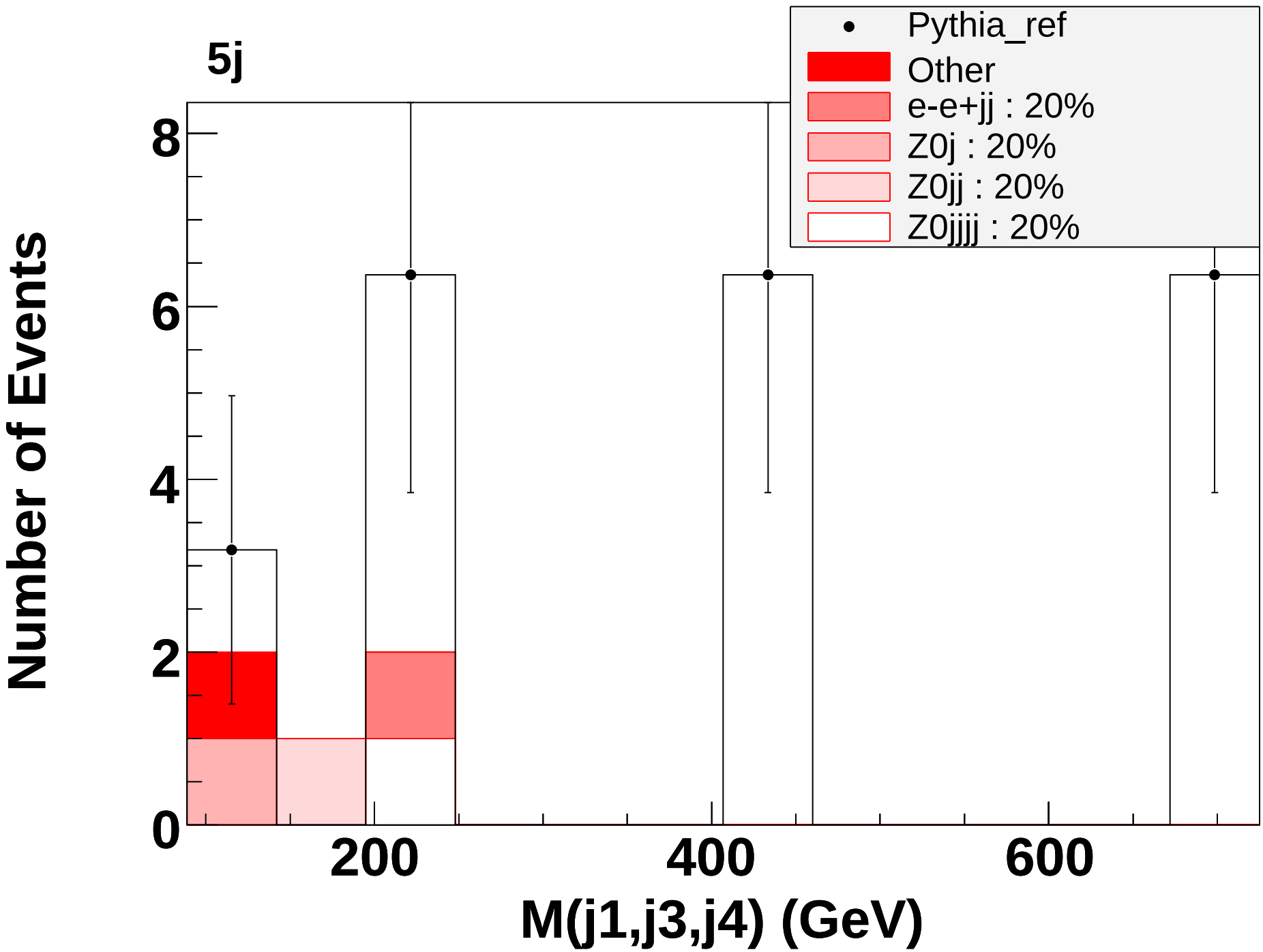
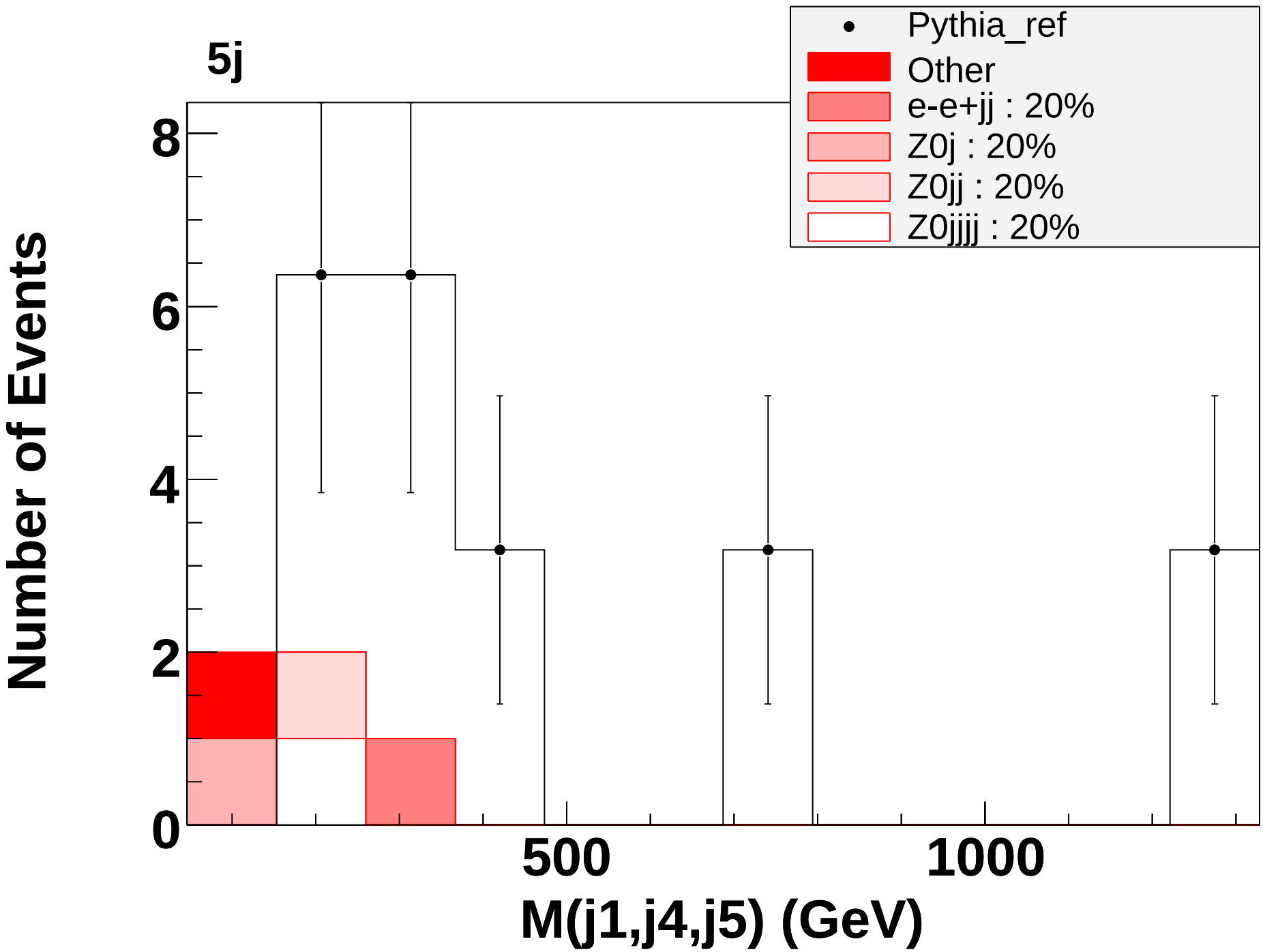
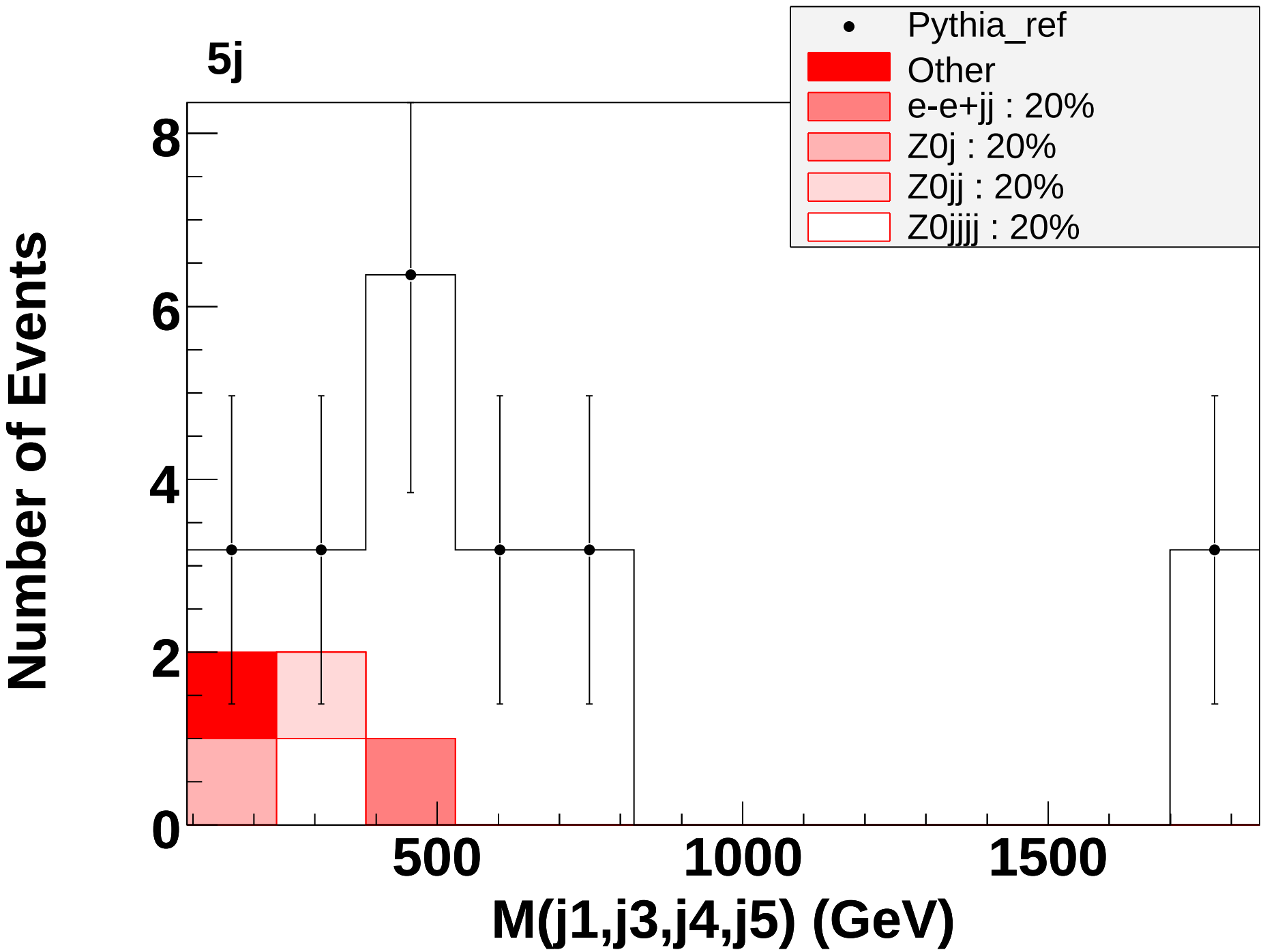
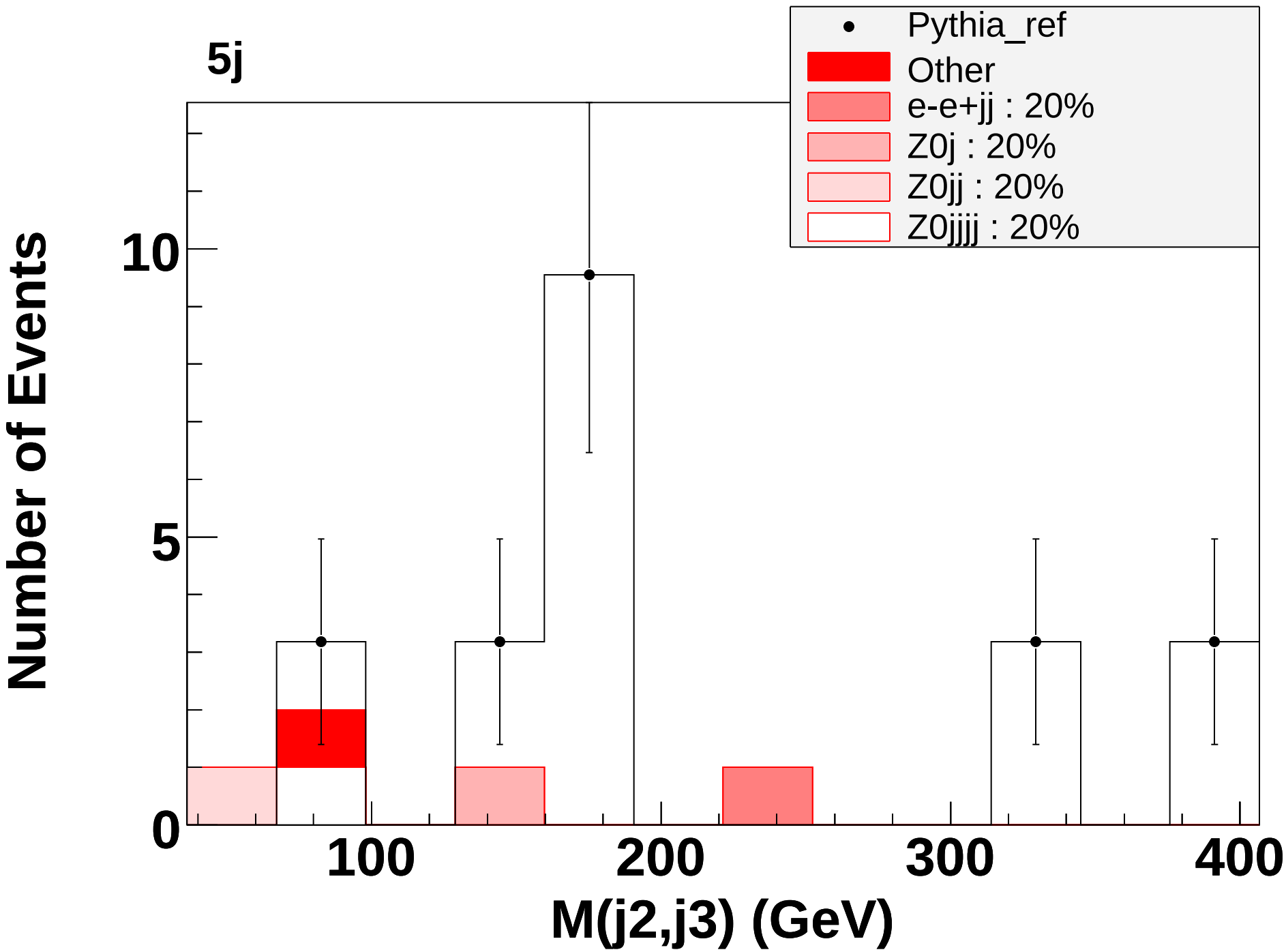
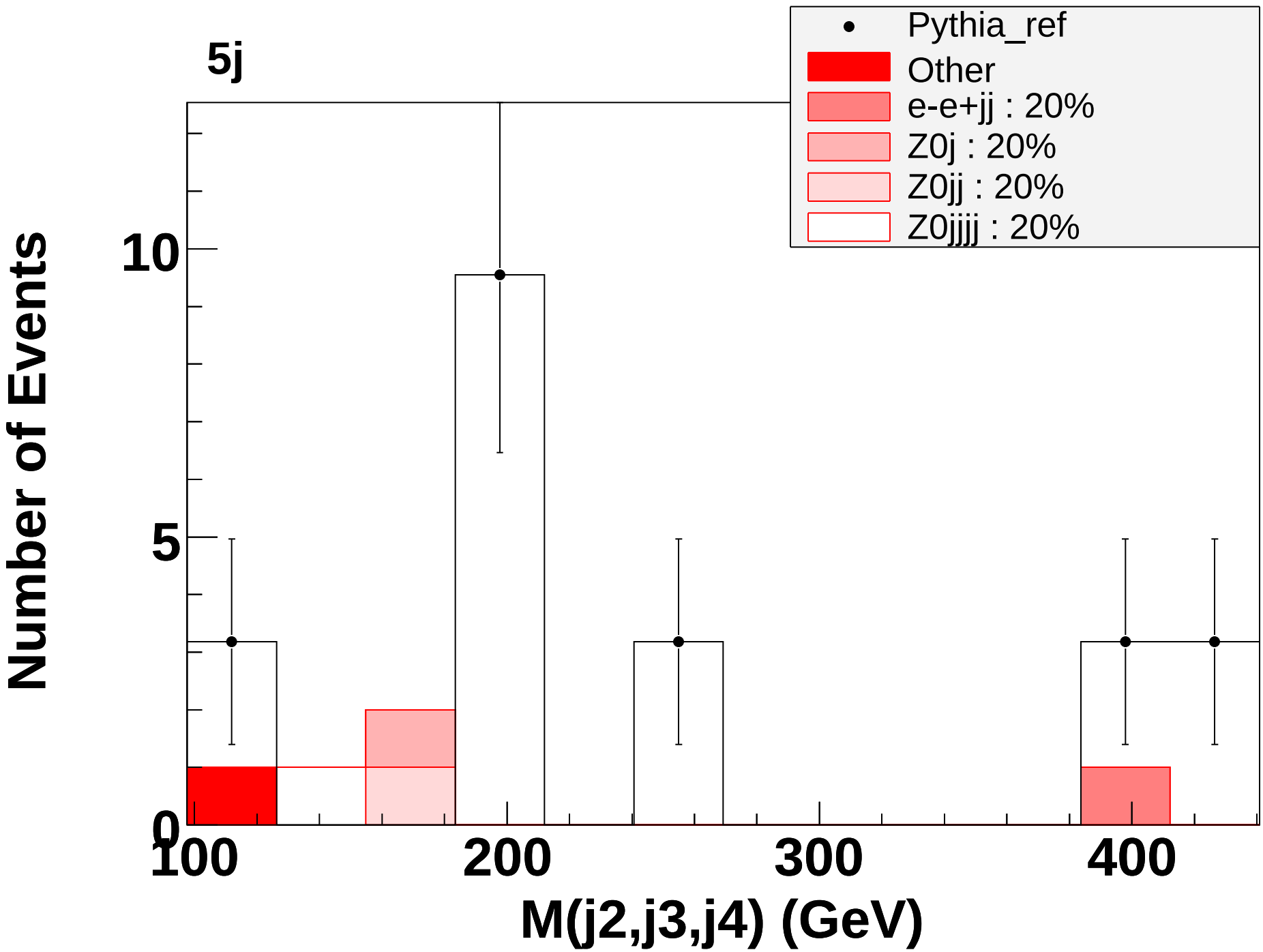

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
300
400
500
600
sumPt (GeV)

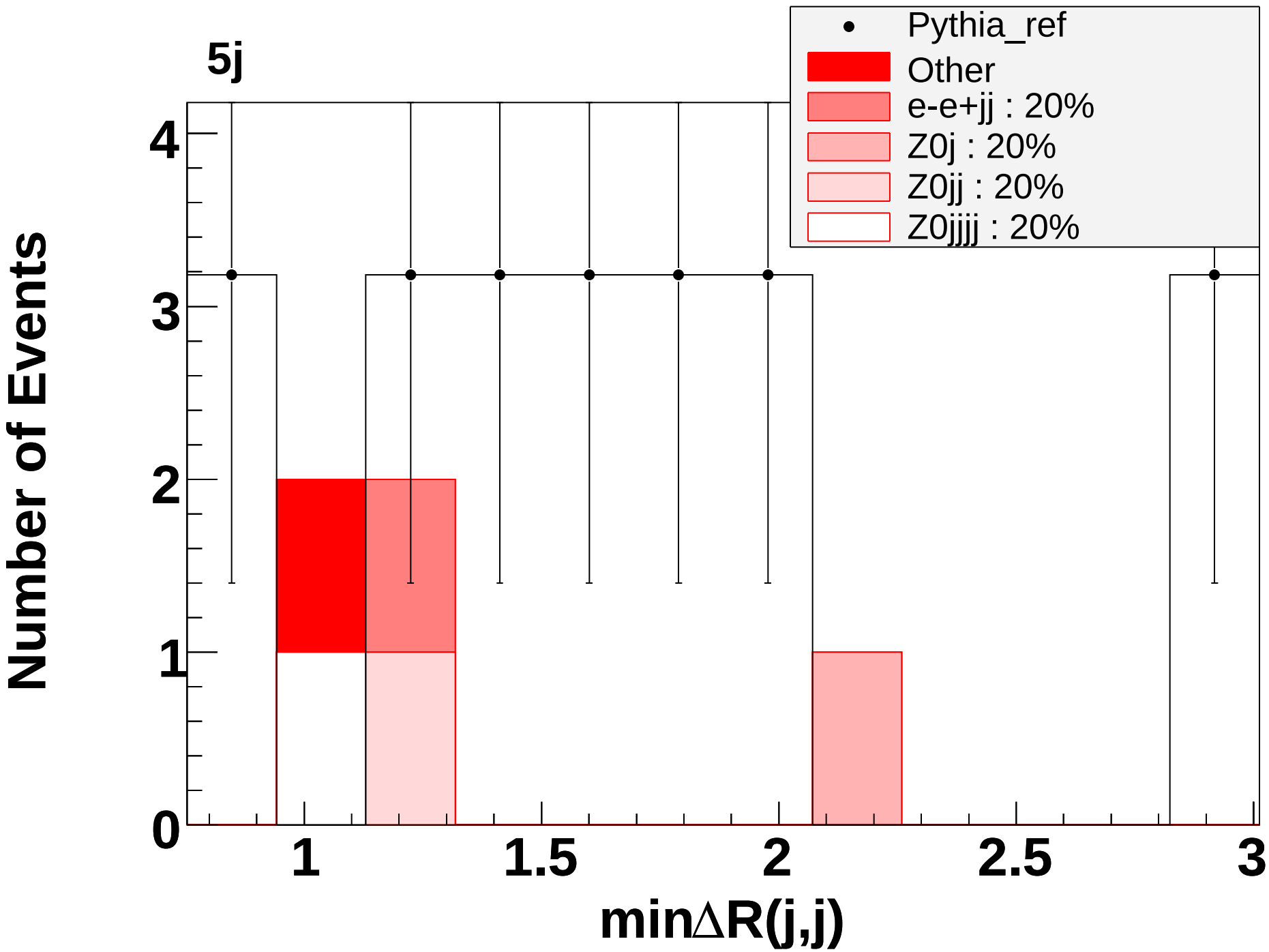

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
200
400
600
M(j1,j3,j4) (GeV)

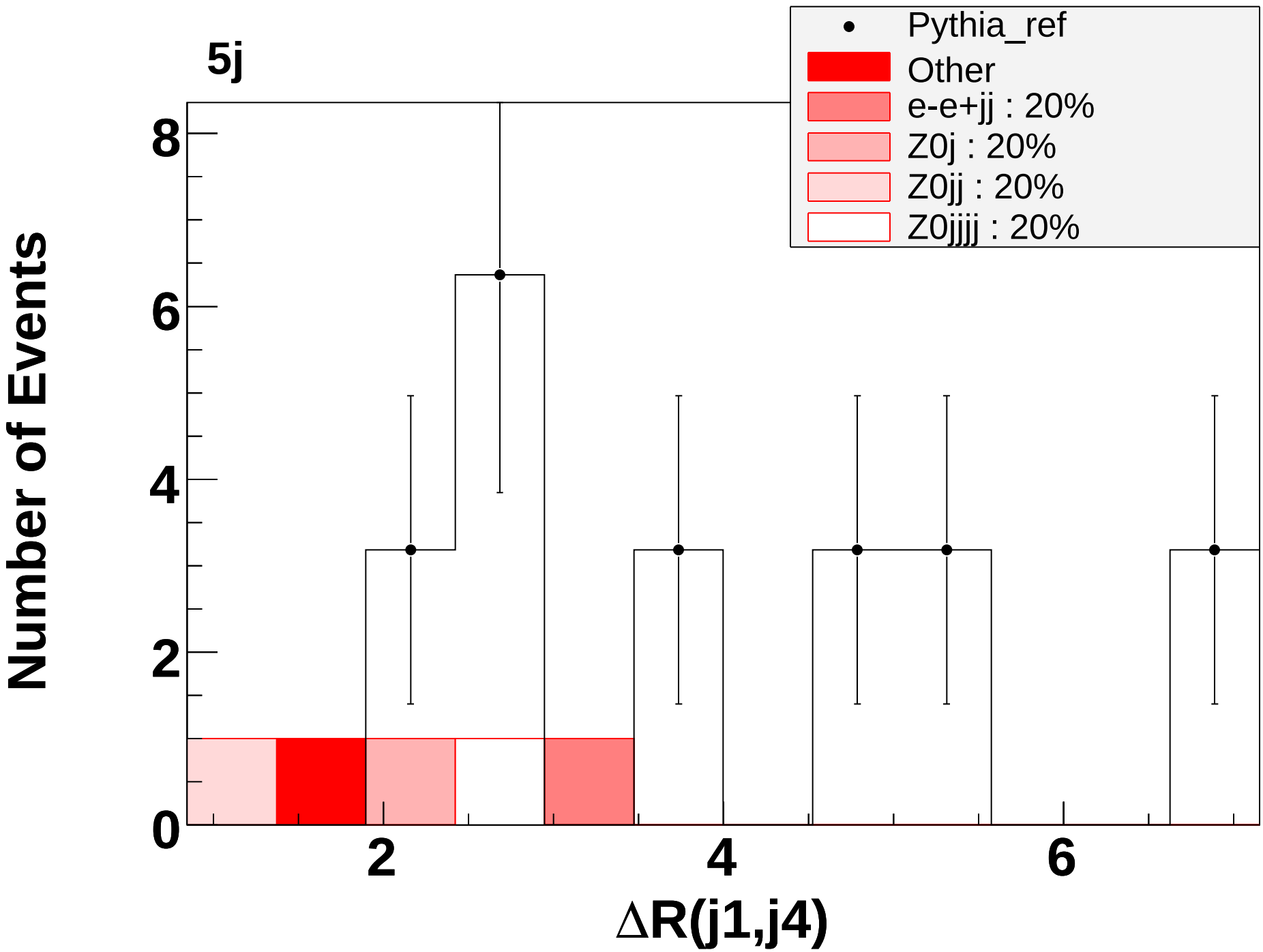

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
500
1000
M(j1,j4,j5) (GeV)

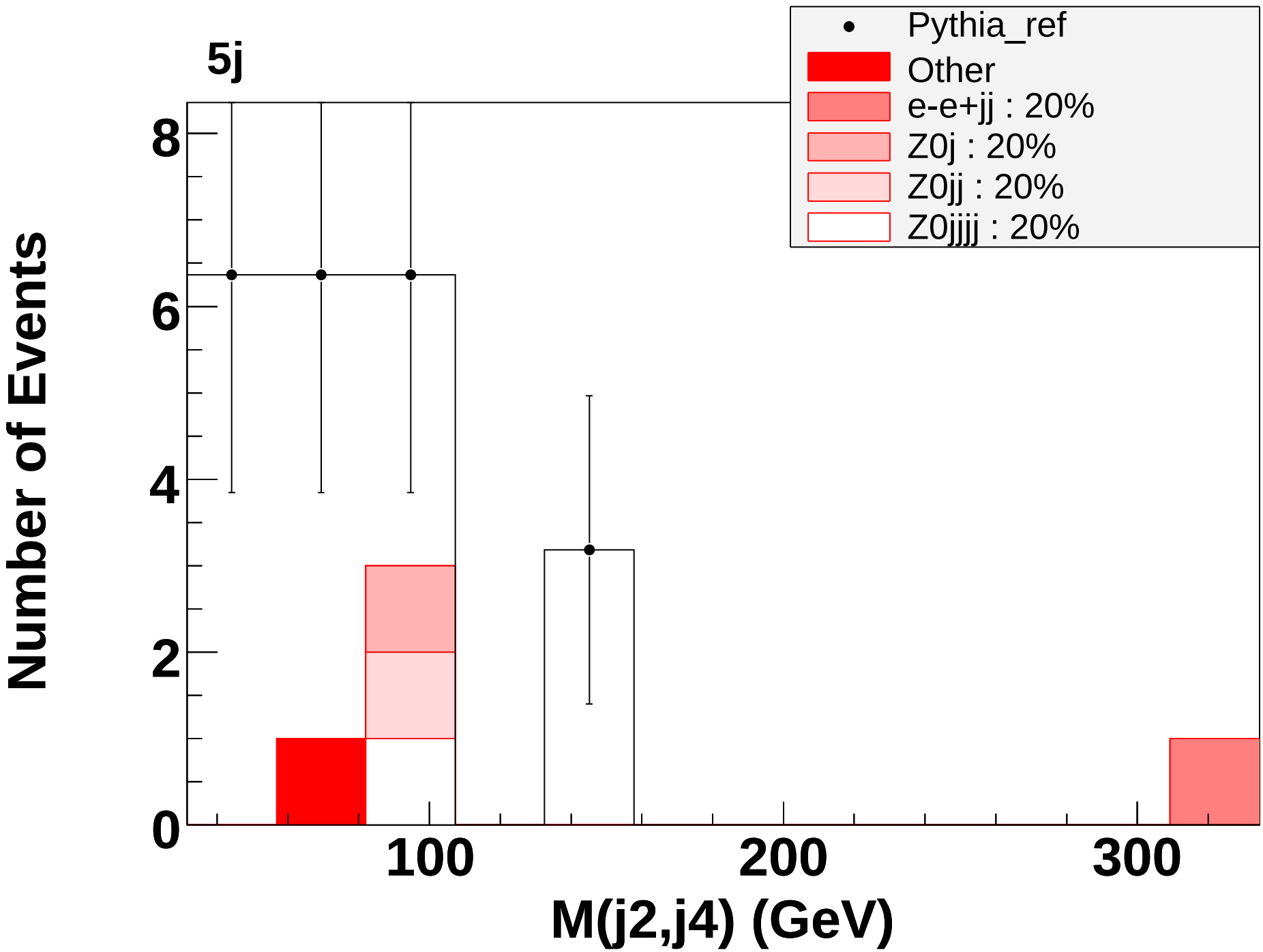

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
500
1000
1500
M(j1,j3,j4,j5) (GeV)

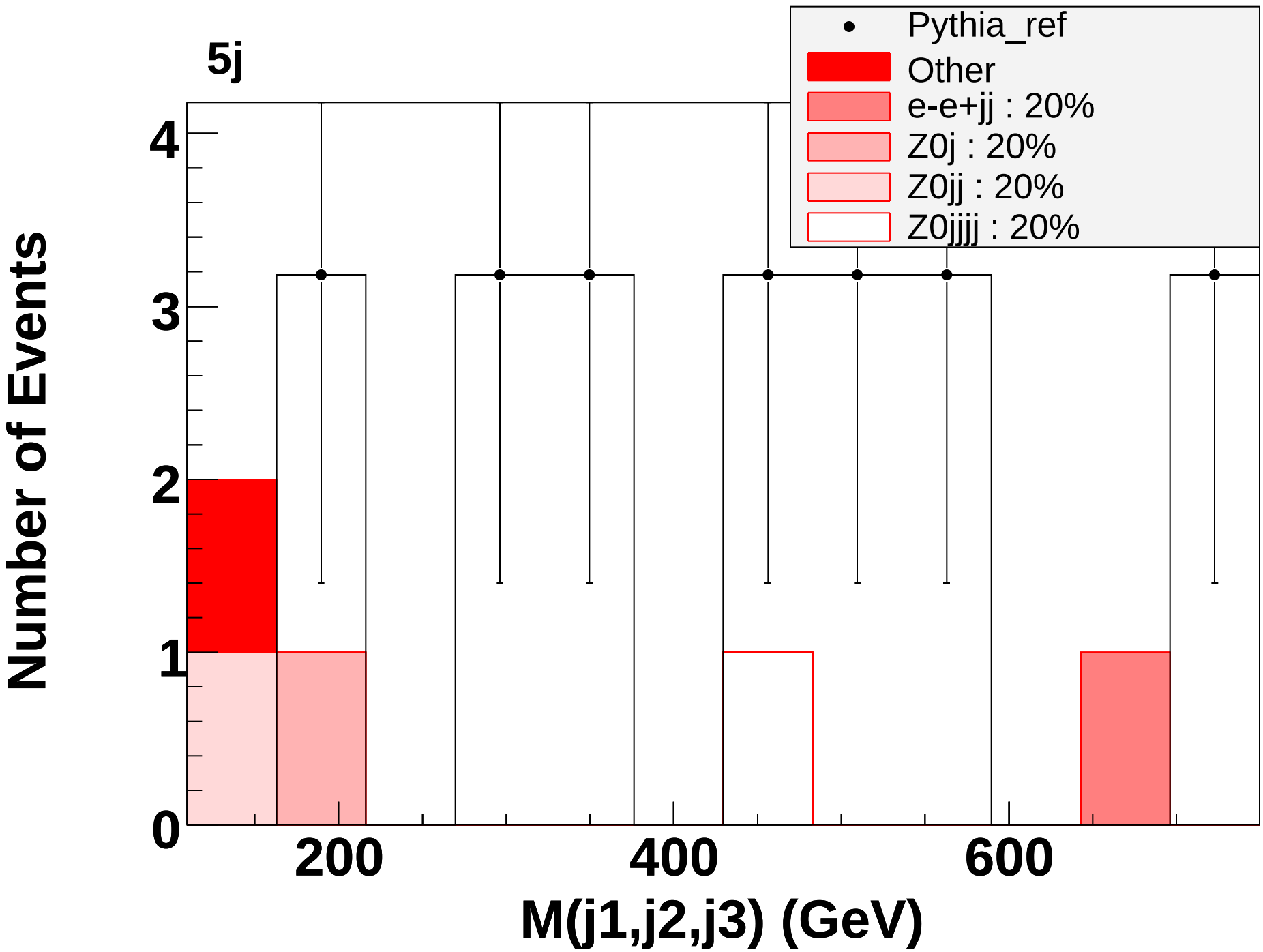

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
100
200
300
400
M(j2,j3) (GeV)

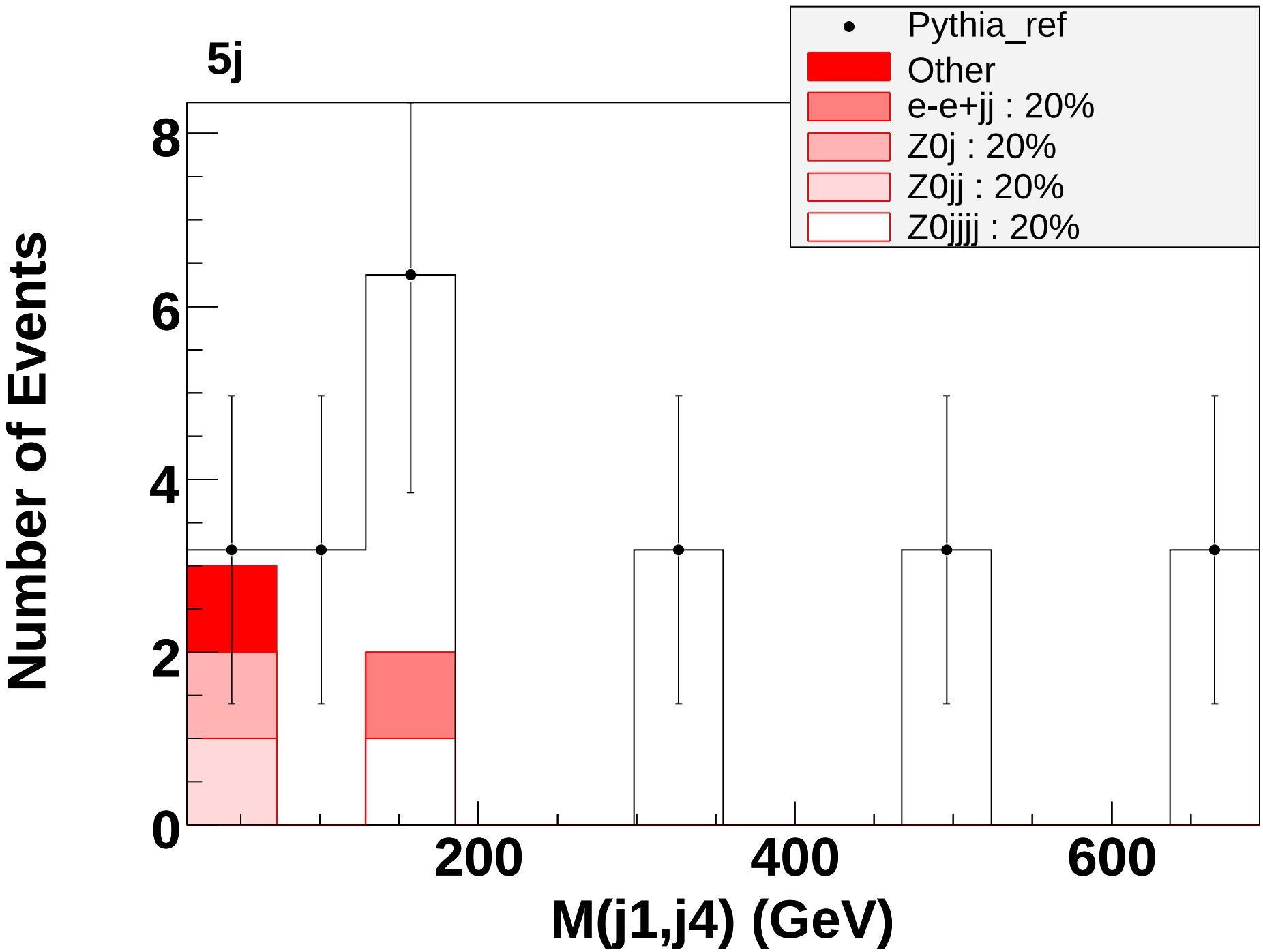

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
100
200
300
400
M(j2,j3,j4) (GeV)

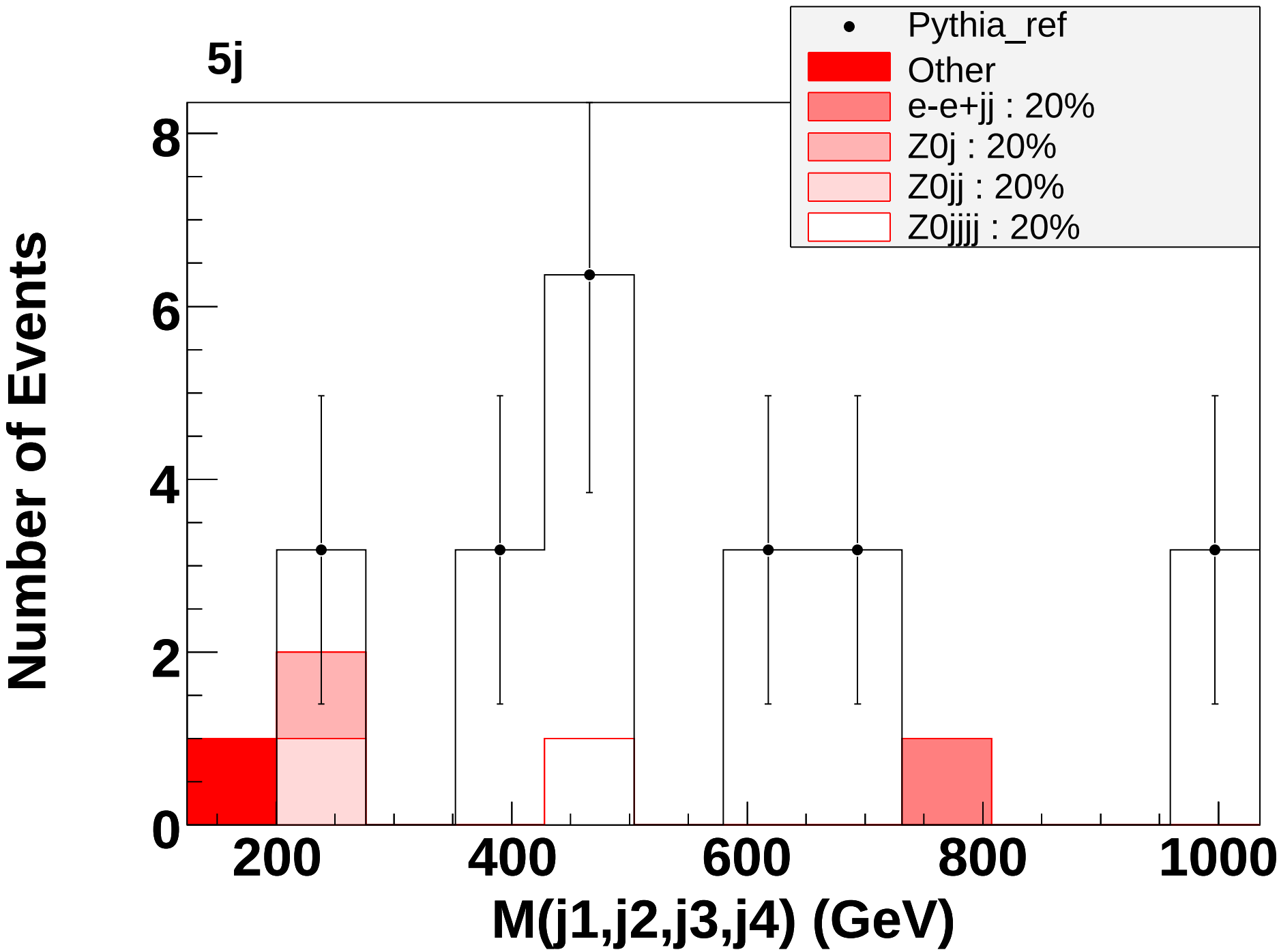

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
1
2
3
4
1
1.5
2
2.5
3
minΔR(j,j)

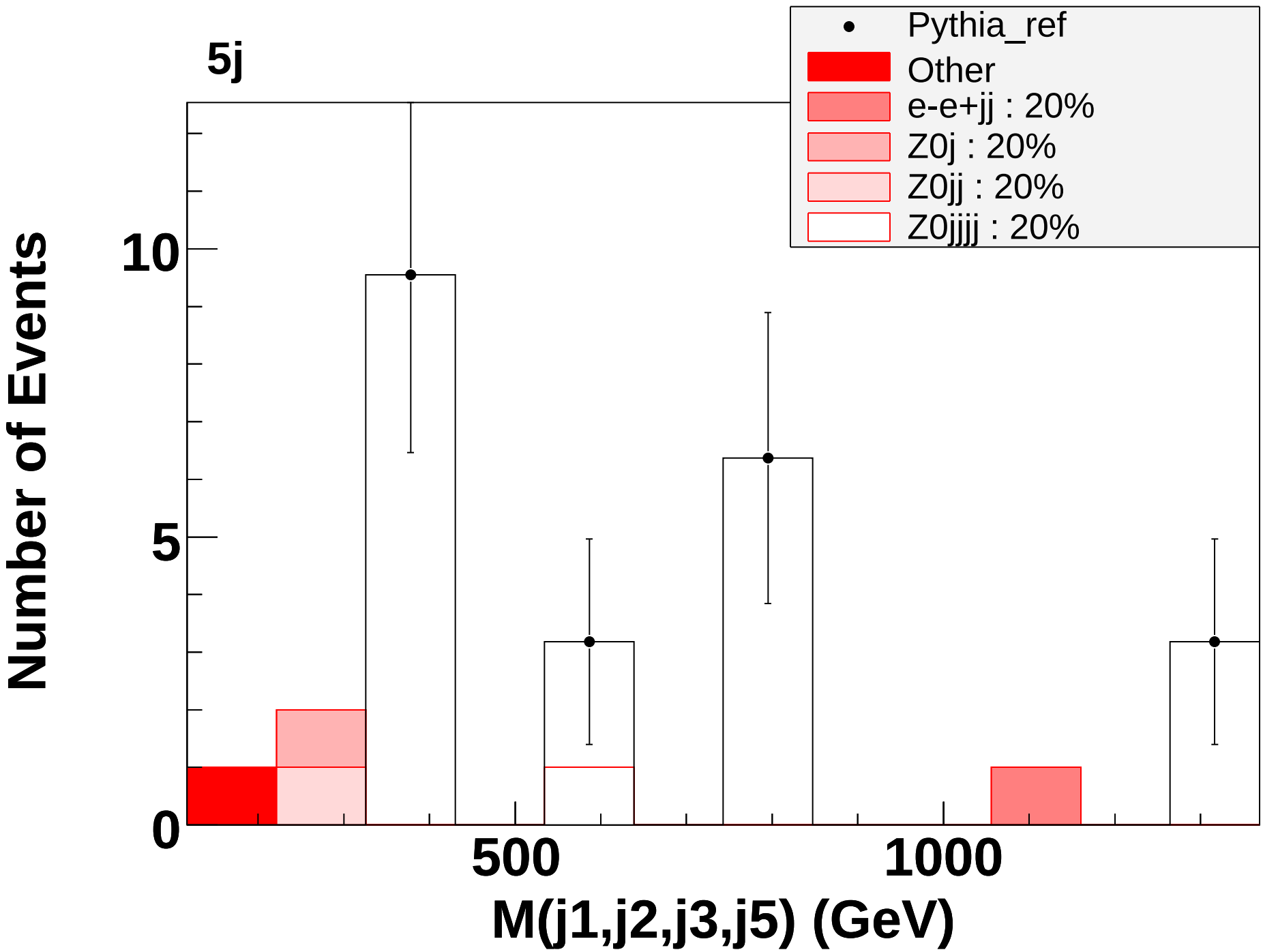

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
2
4
6
ΔR(j1,j4)

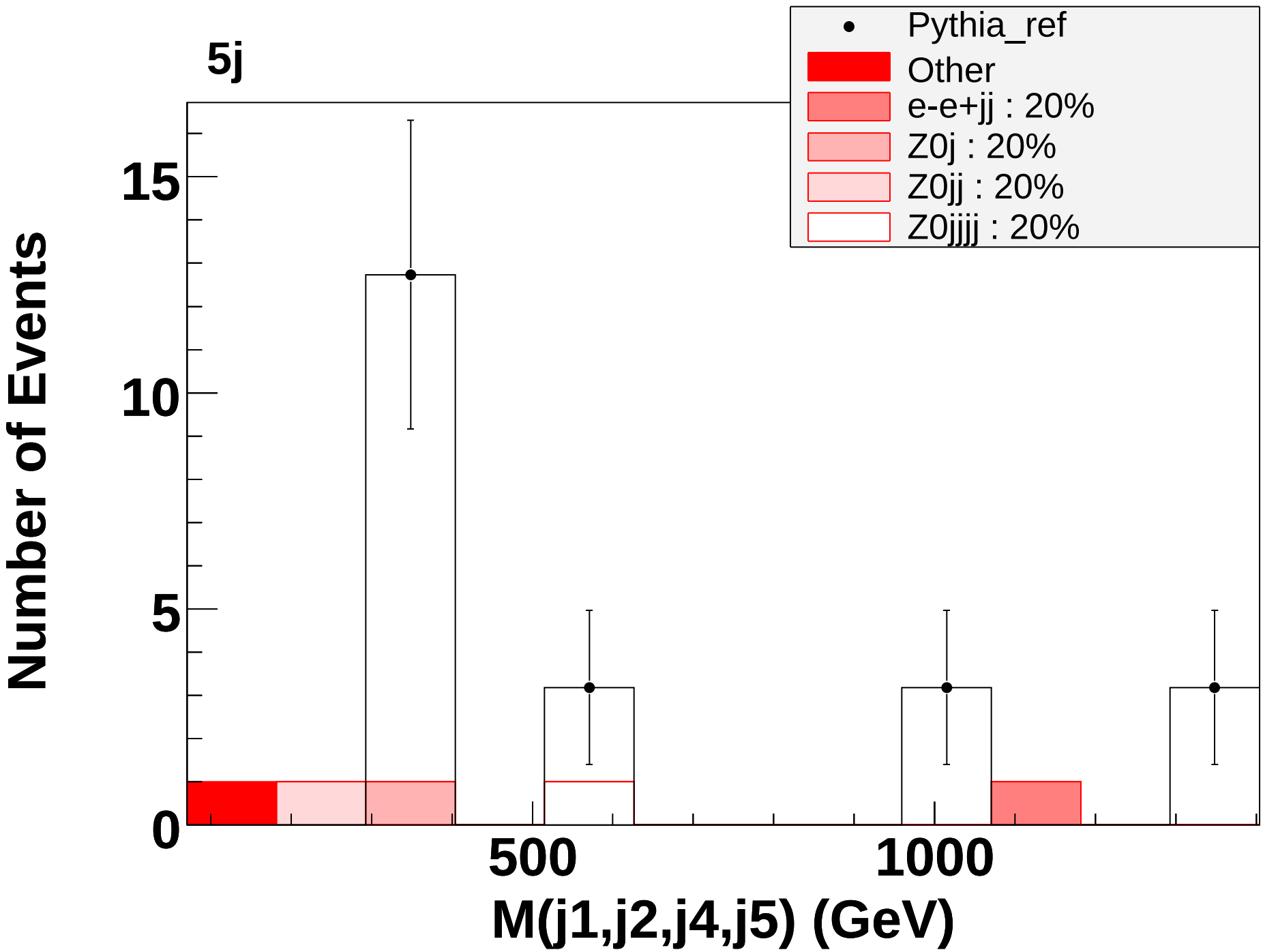

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
100
200
300
M(j2,j4) (GeV)

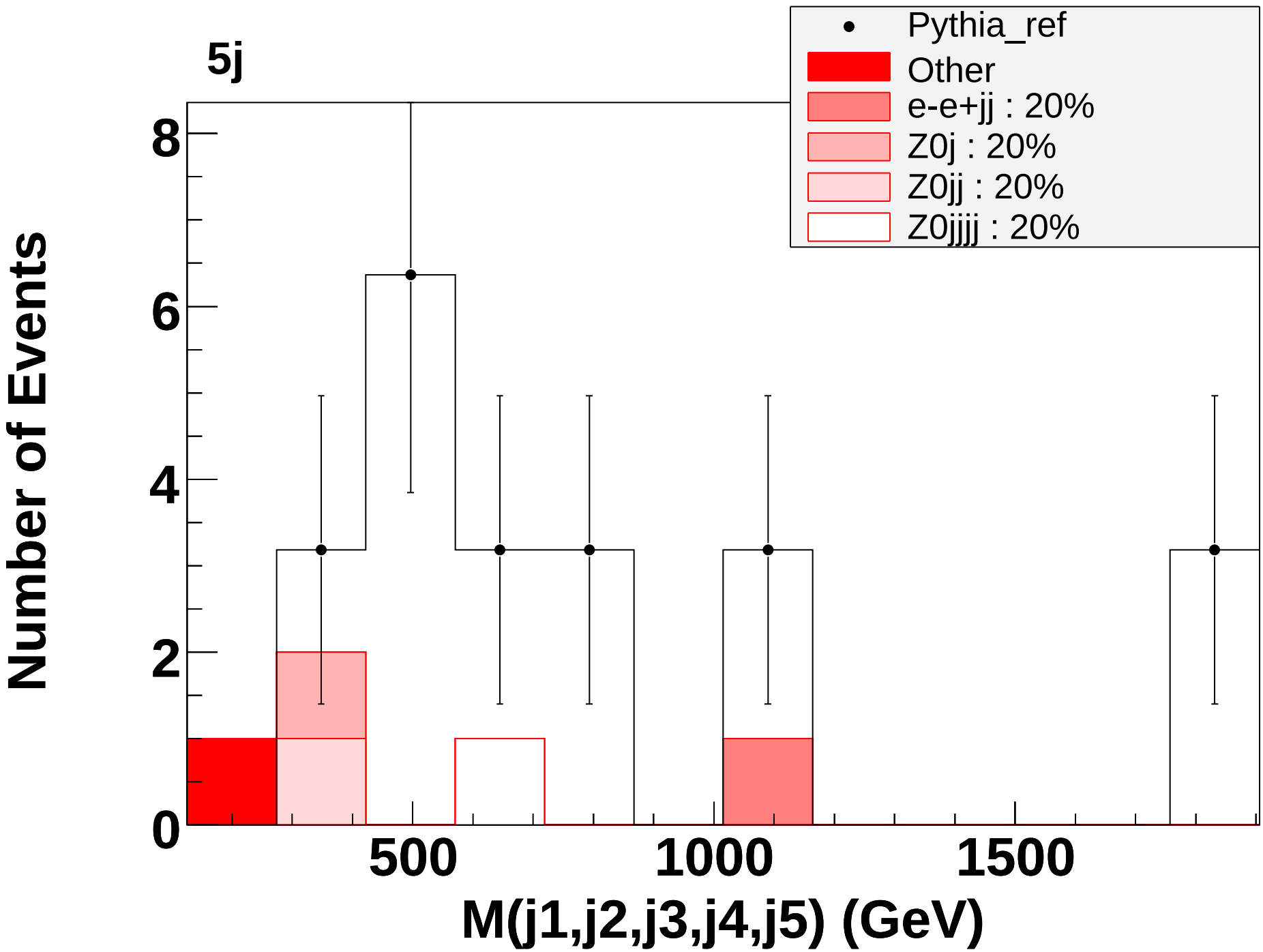

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
1
2
3
4
200
400
600
M(j1,j2,j3) (GeV)

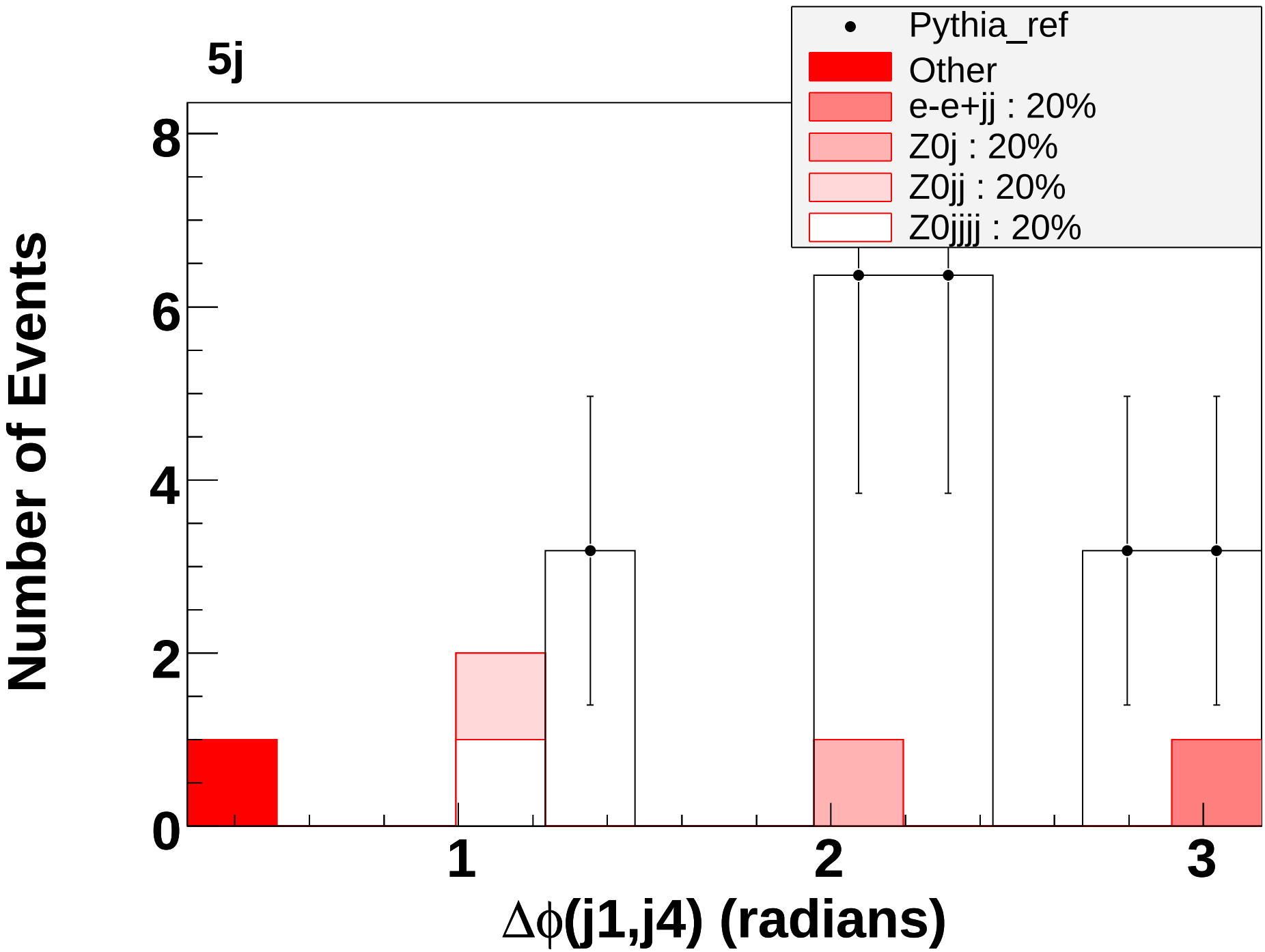

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
200
400
600
M(j1,j4) (GeV)

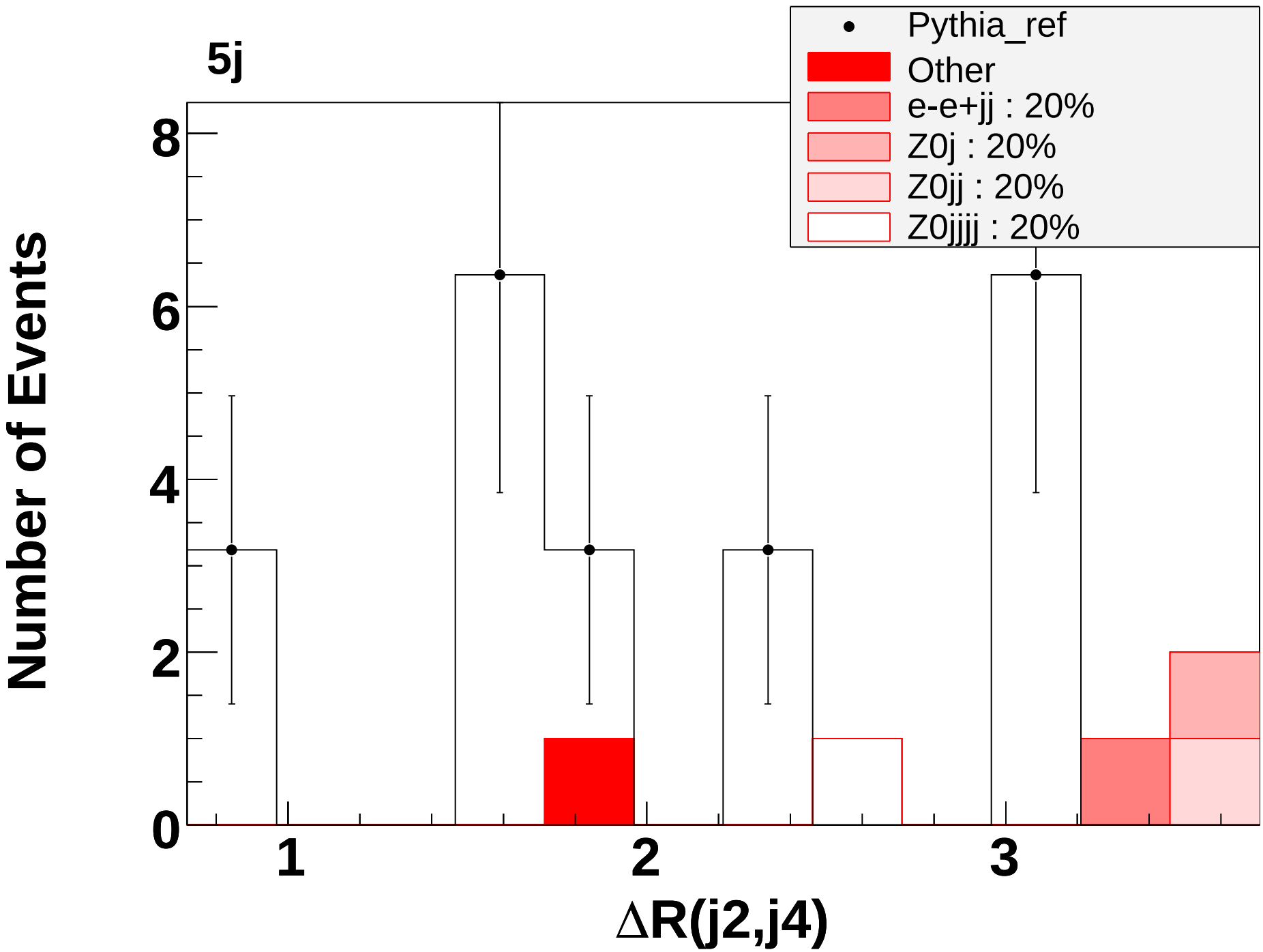

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
200
400
600
800
1000
M(j1,j2,j3,j4) (GeV)

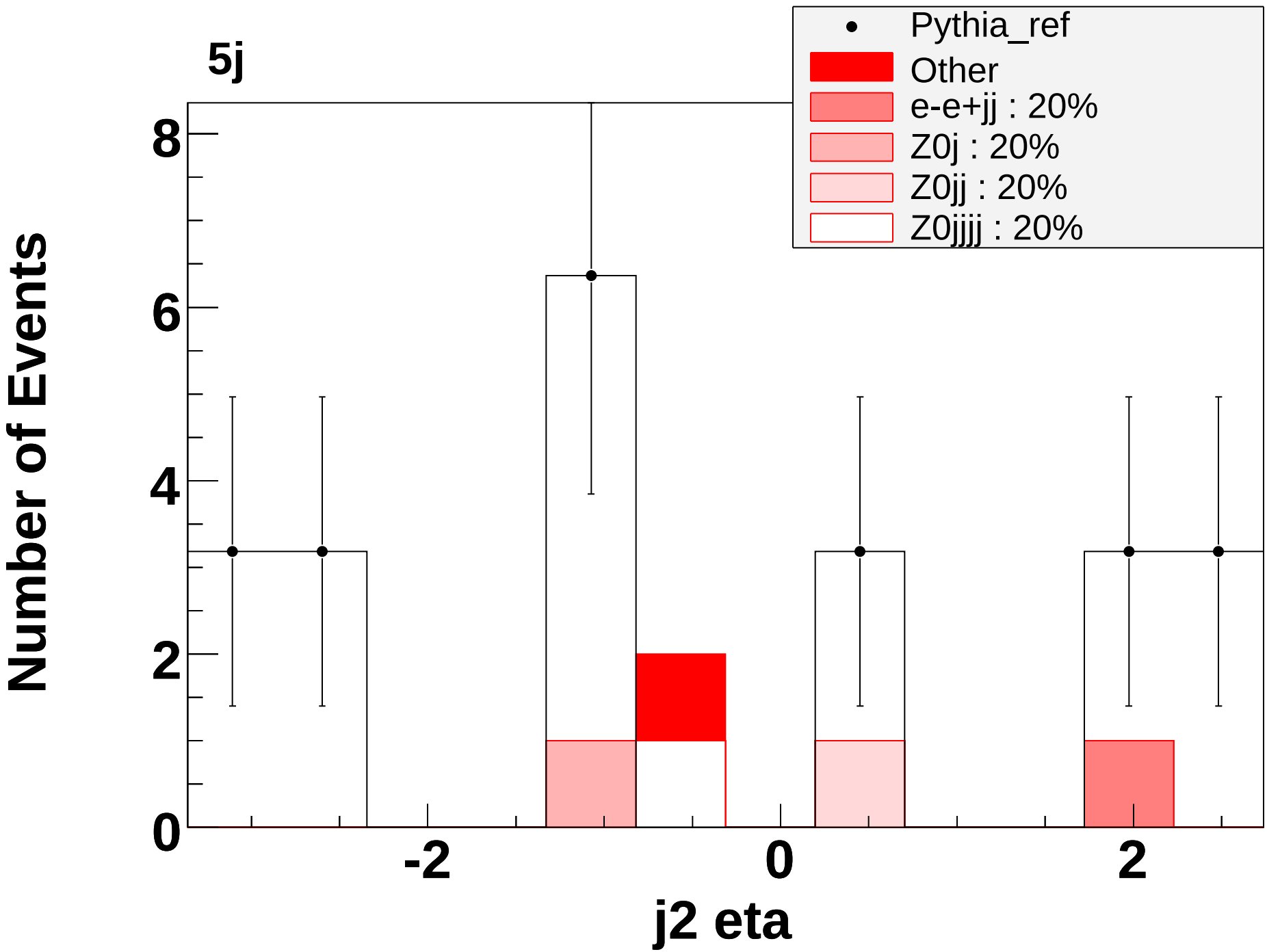

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
500
1000
M(j1,j2,j3,j5) (GeV)

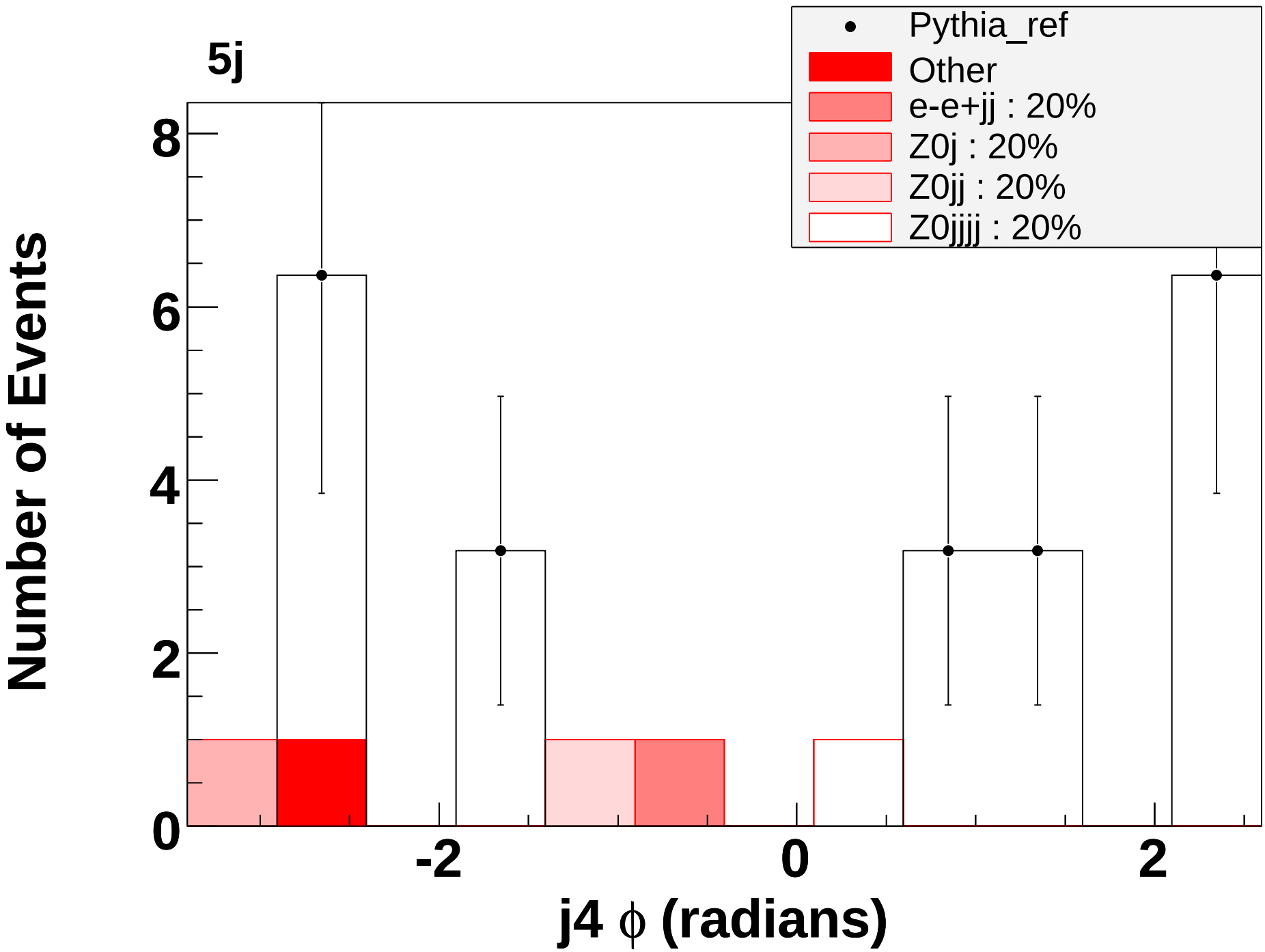

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
15
500
1000
M(j1,j2,j4,j5) (GeV)

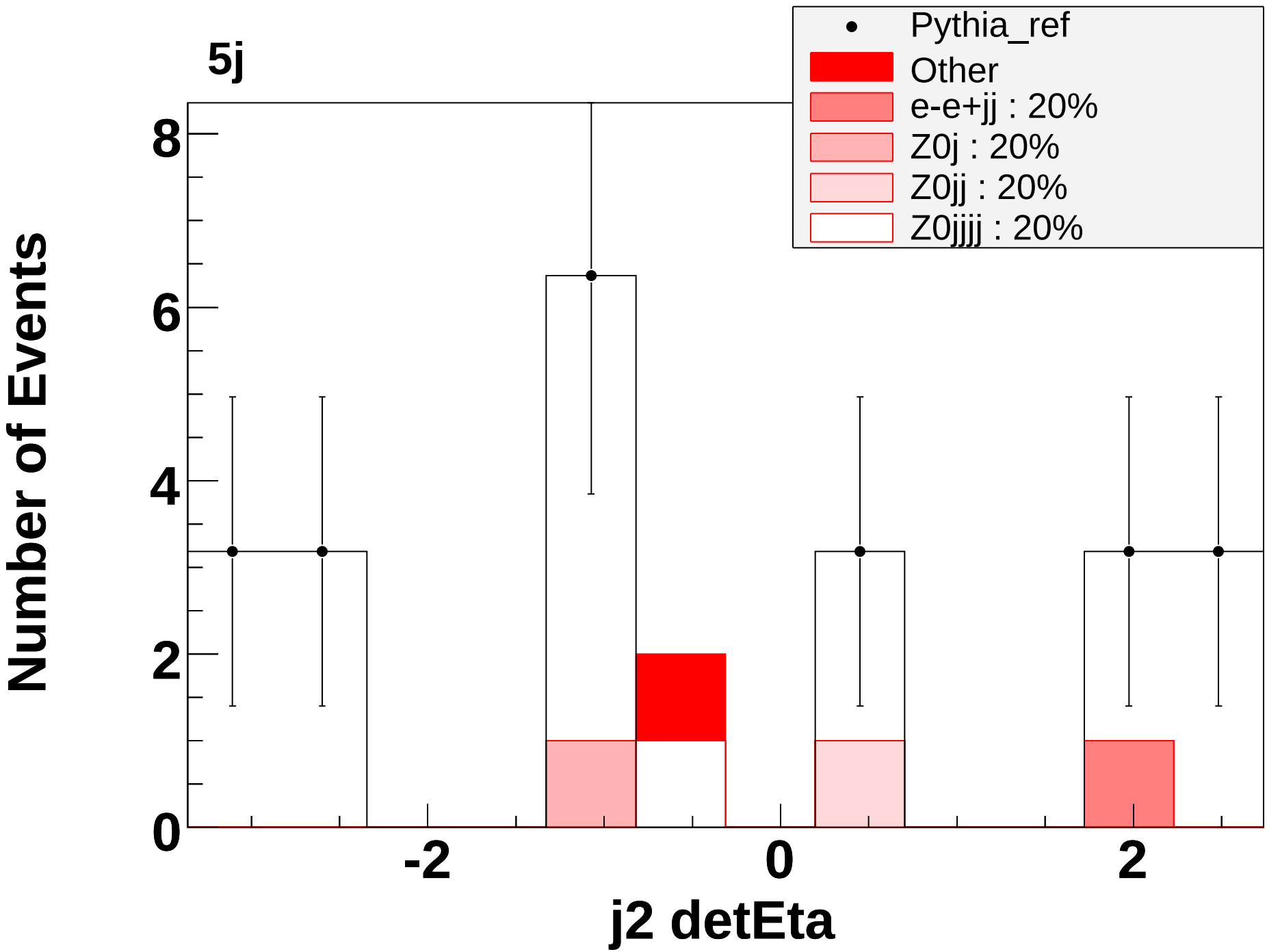

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
500
1000
1500
M(j1,j2,j3,j4,j5) (GeV)

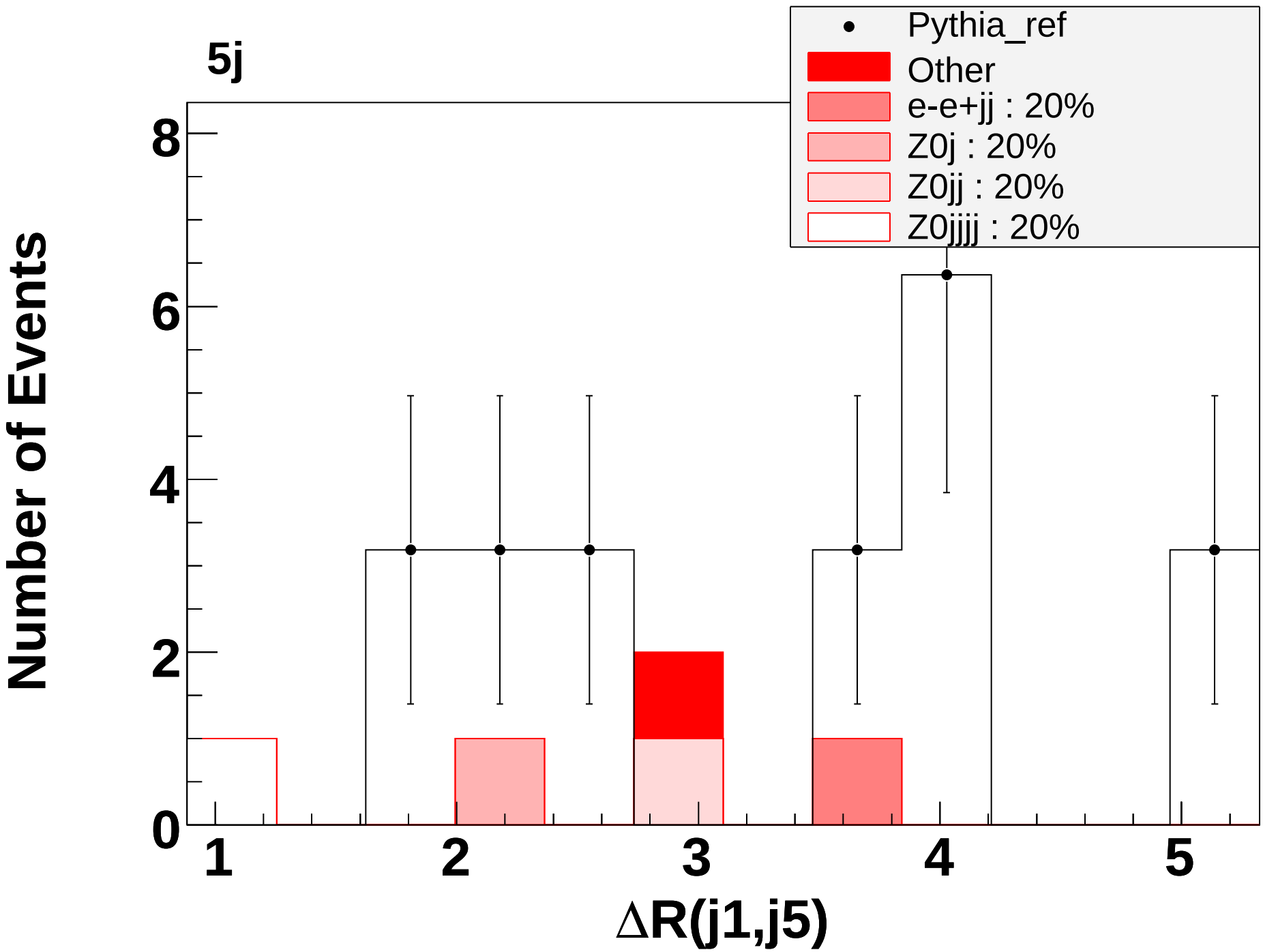

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
1
2
3
Δϕ(j1,j4) (radians)

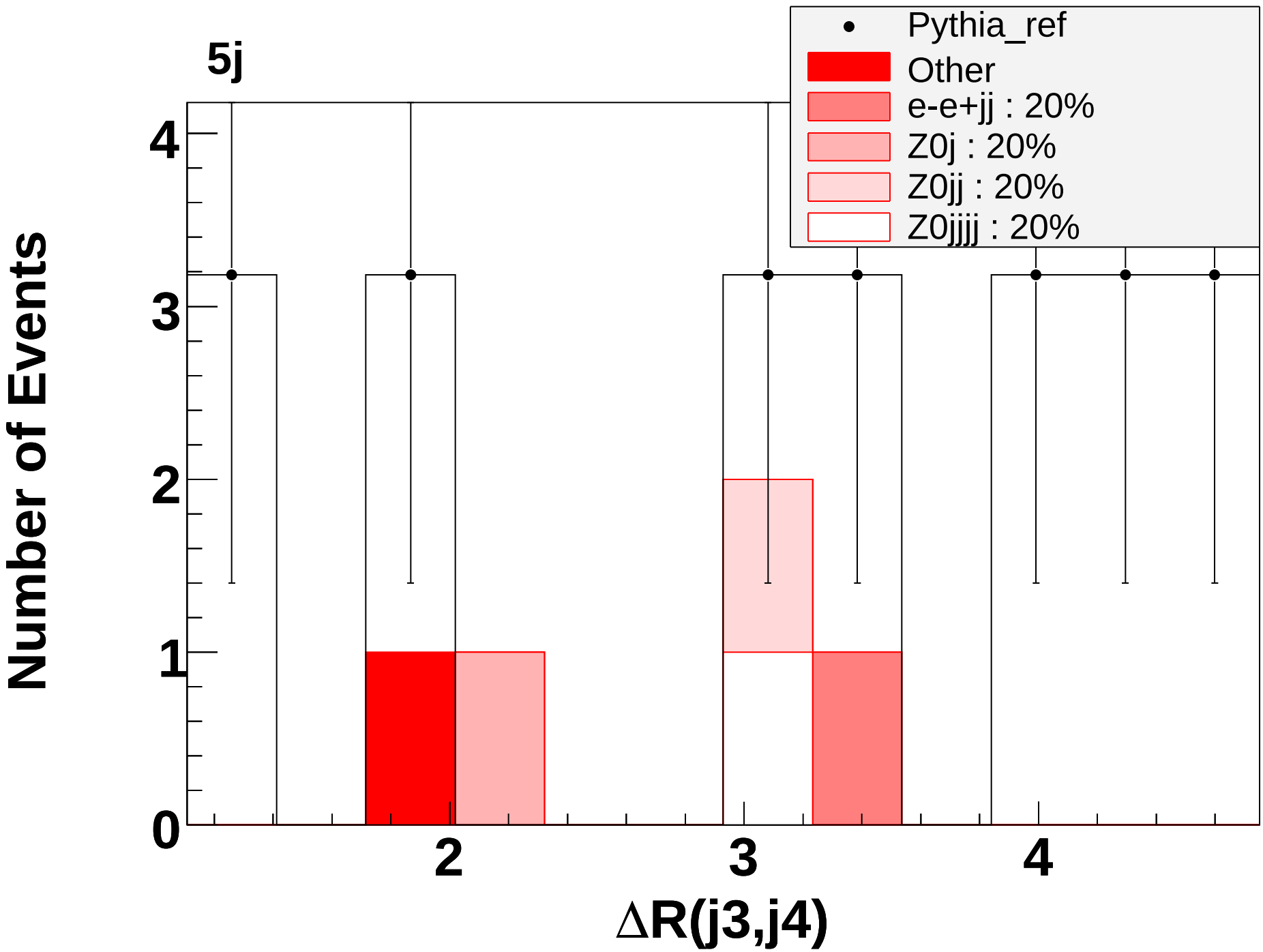

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
1
2
3
ΔR(j2,j4)

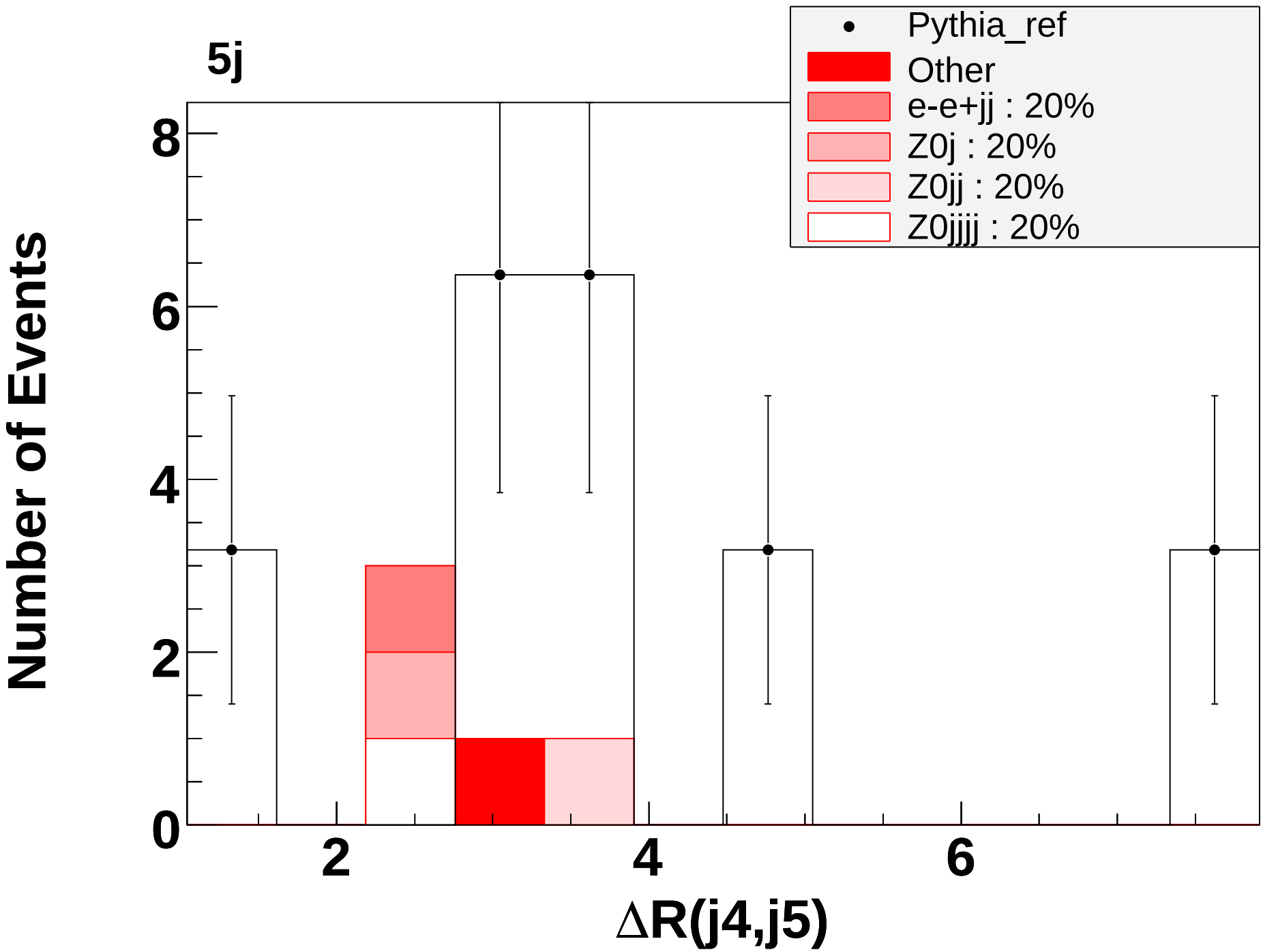

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
-2
0
2
j2 eta

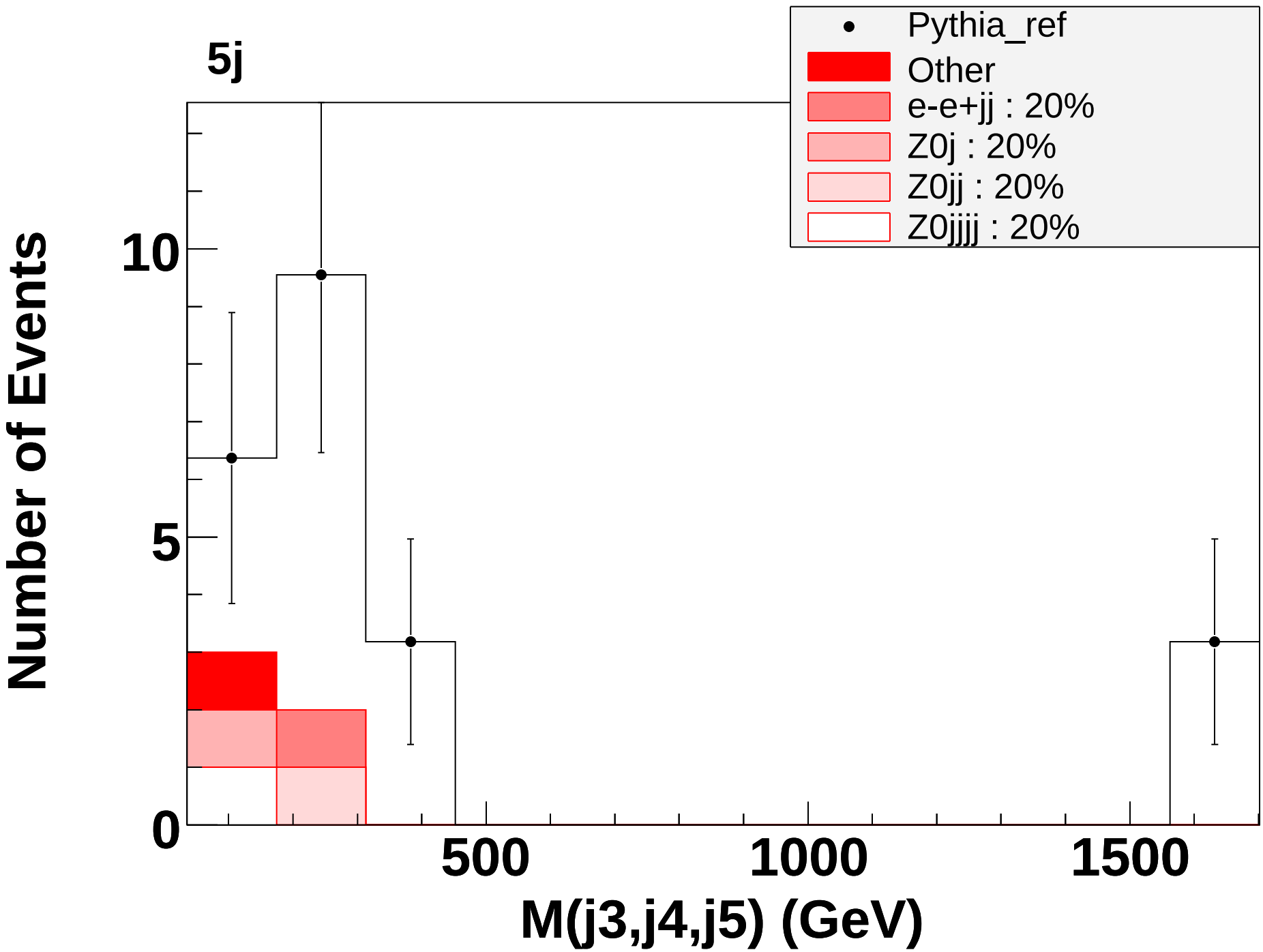

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
-2
0
2
j4 ϕ (radians)

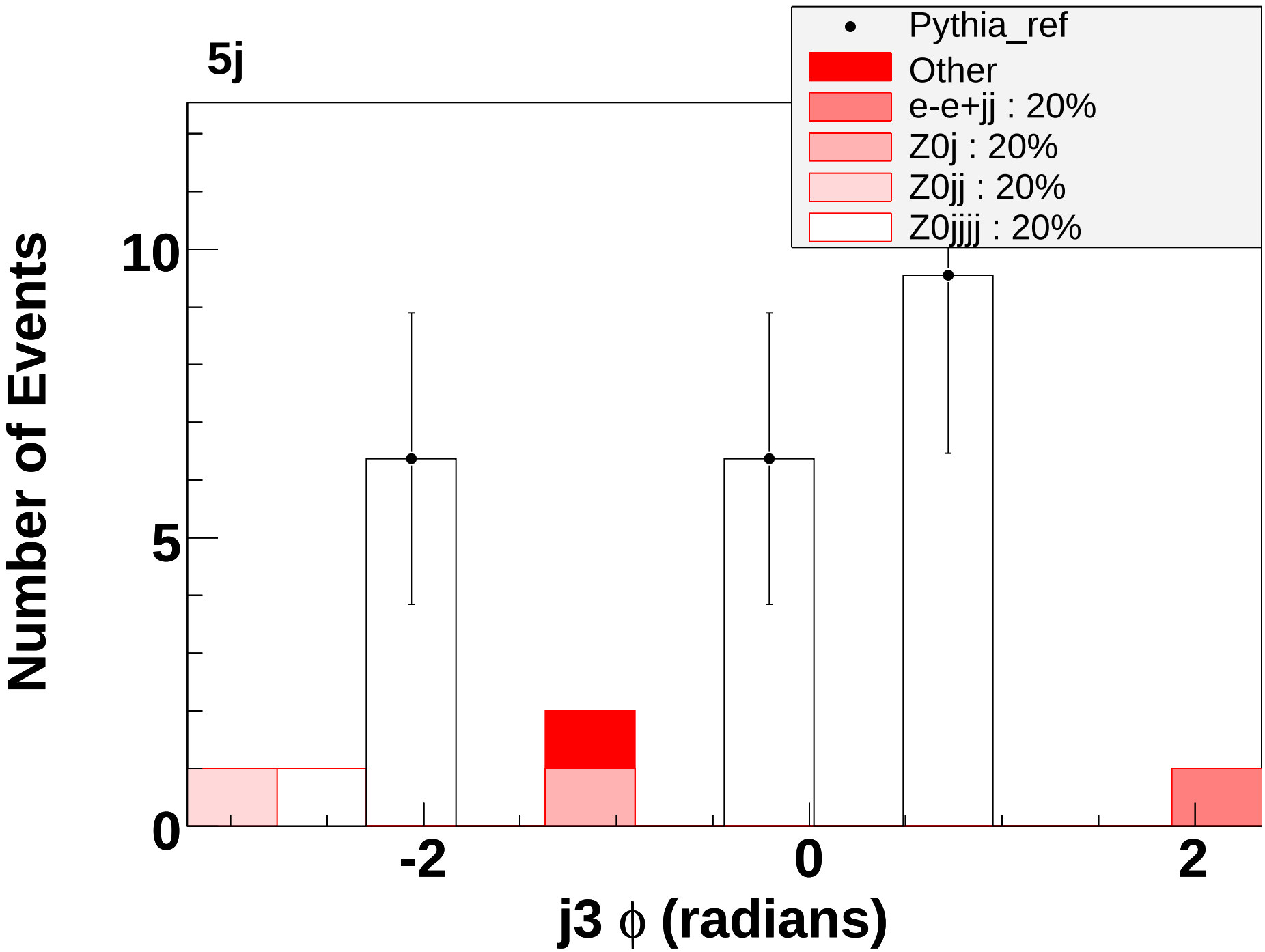

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
-2
0
2
j2 detEta

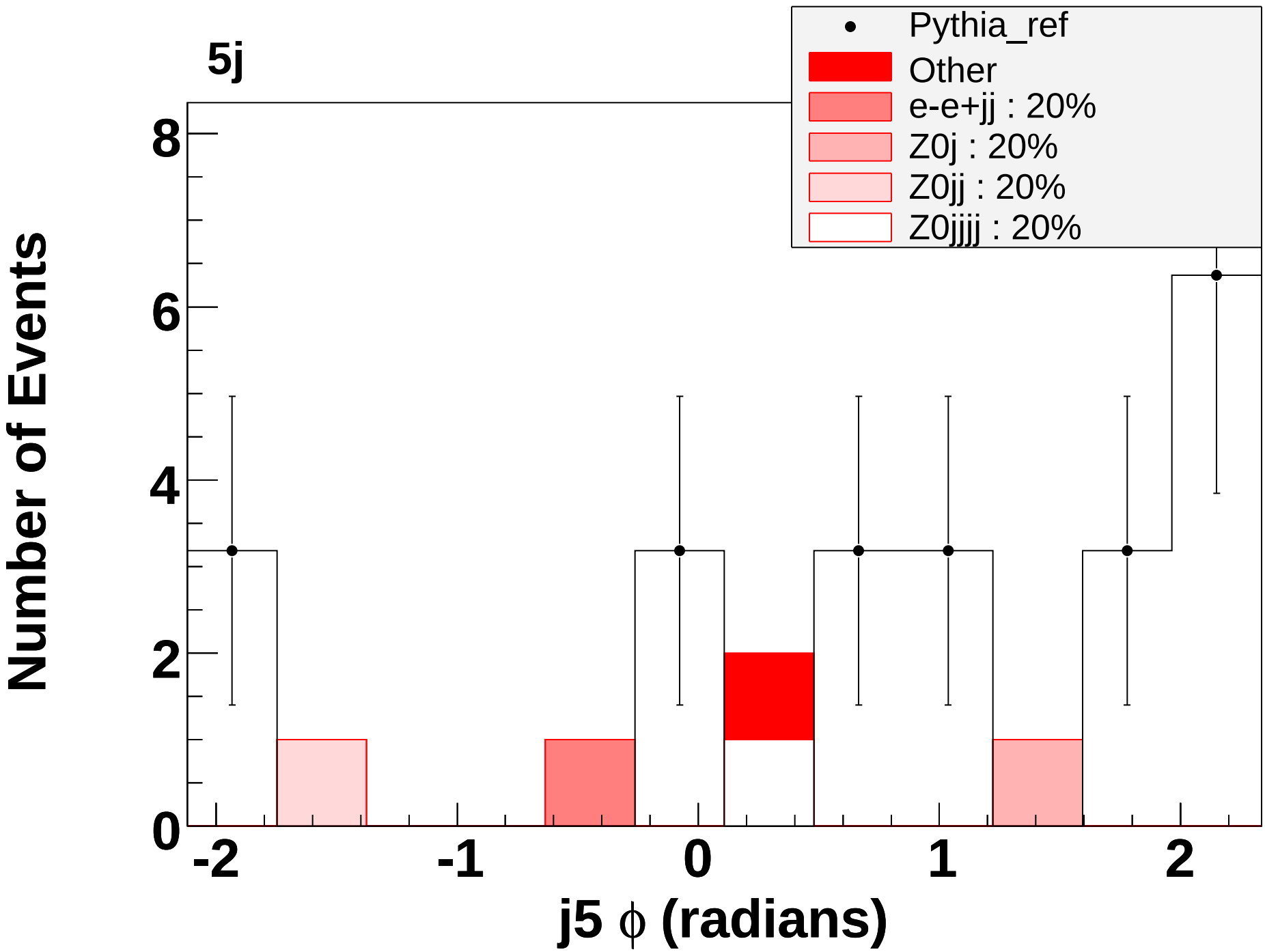

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
1
2
3
4
5
ΔR(j1,j5)

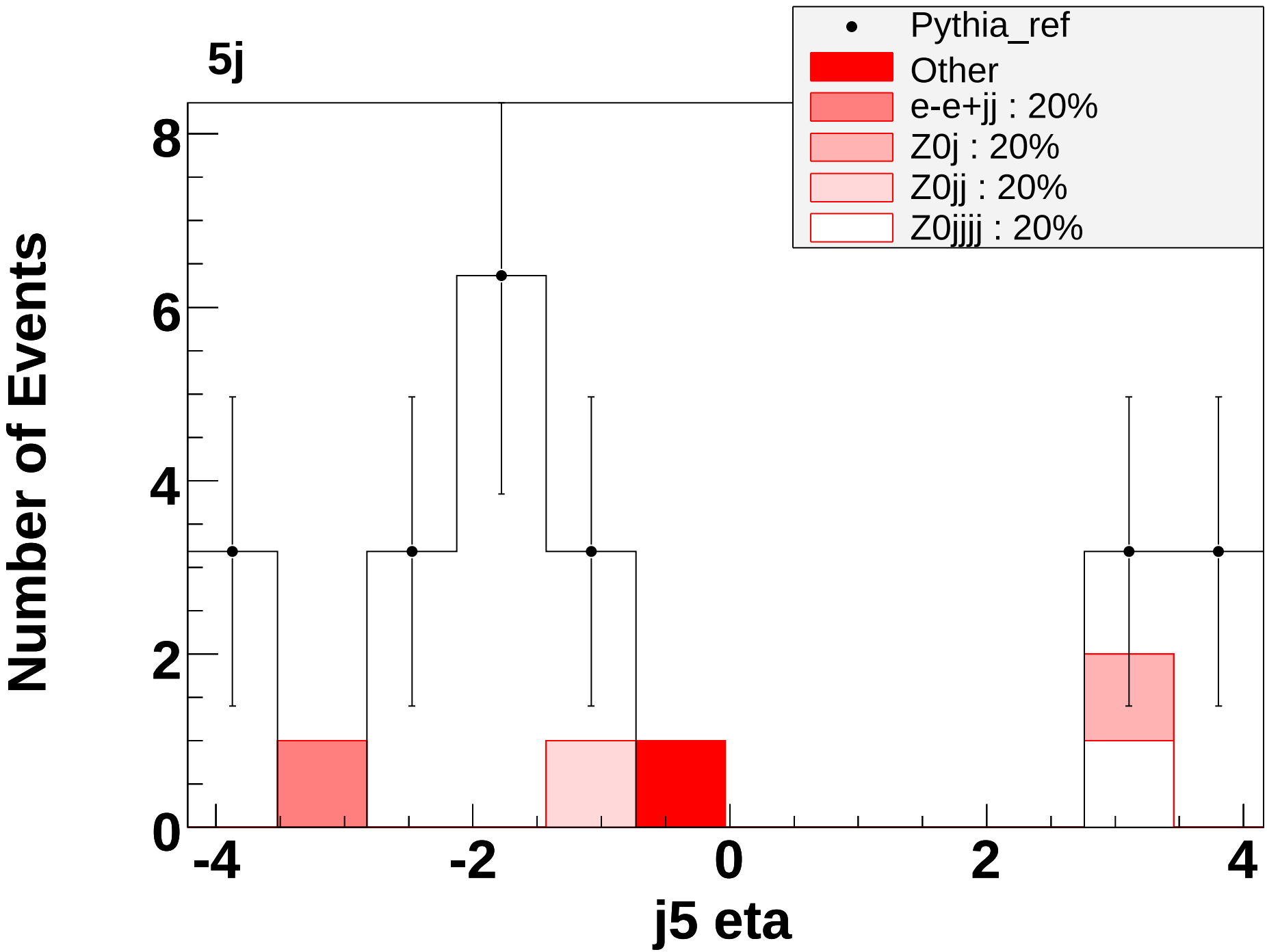

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
1
2
3
4
2
3
4
ΔR(j3,j4)

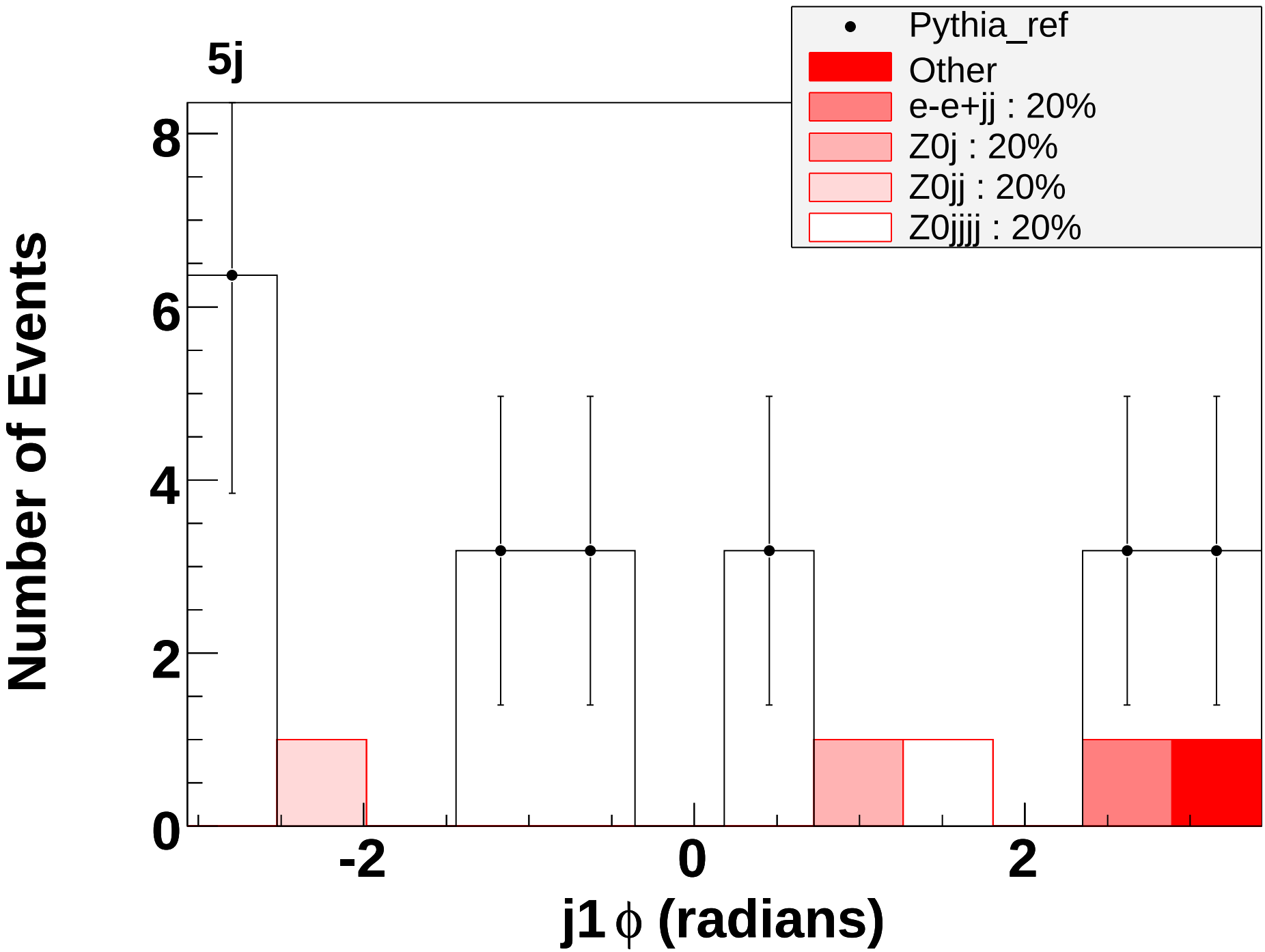

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
2
4
6
ΔR(j4,j5)

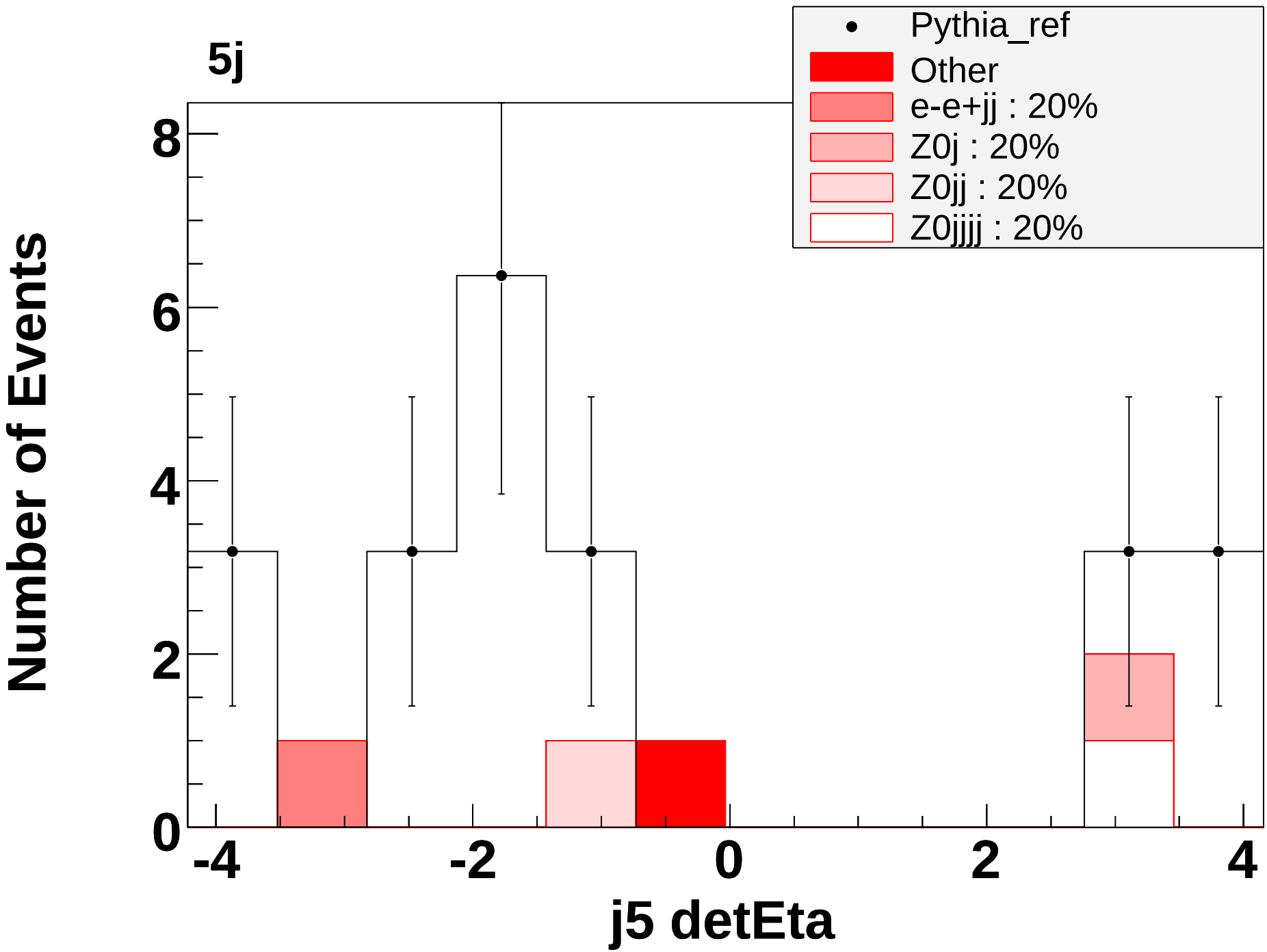

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
500
1000
1500
M(j3,j4,j5) (GeV)

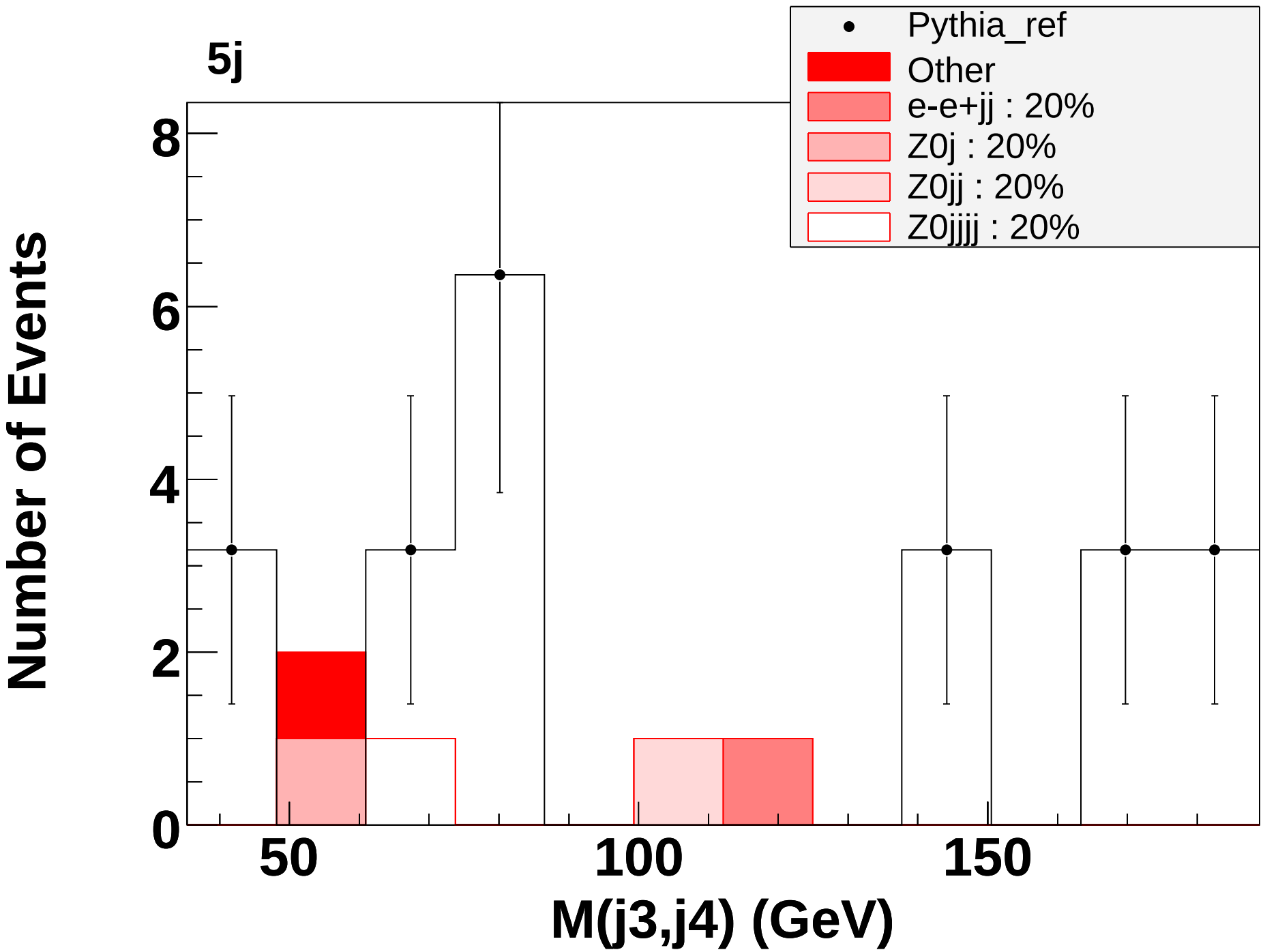

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
-2
0
2
j3 ϕ (radians)

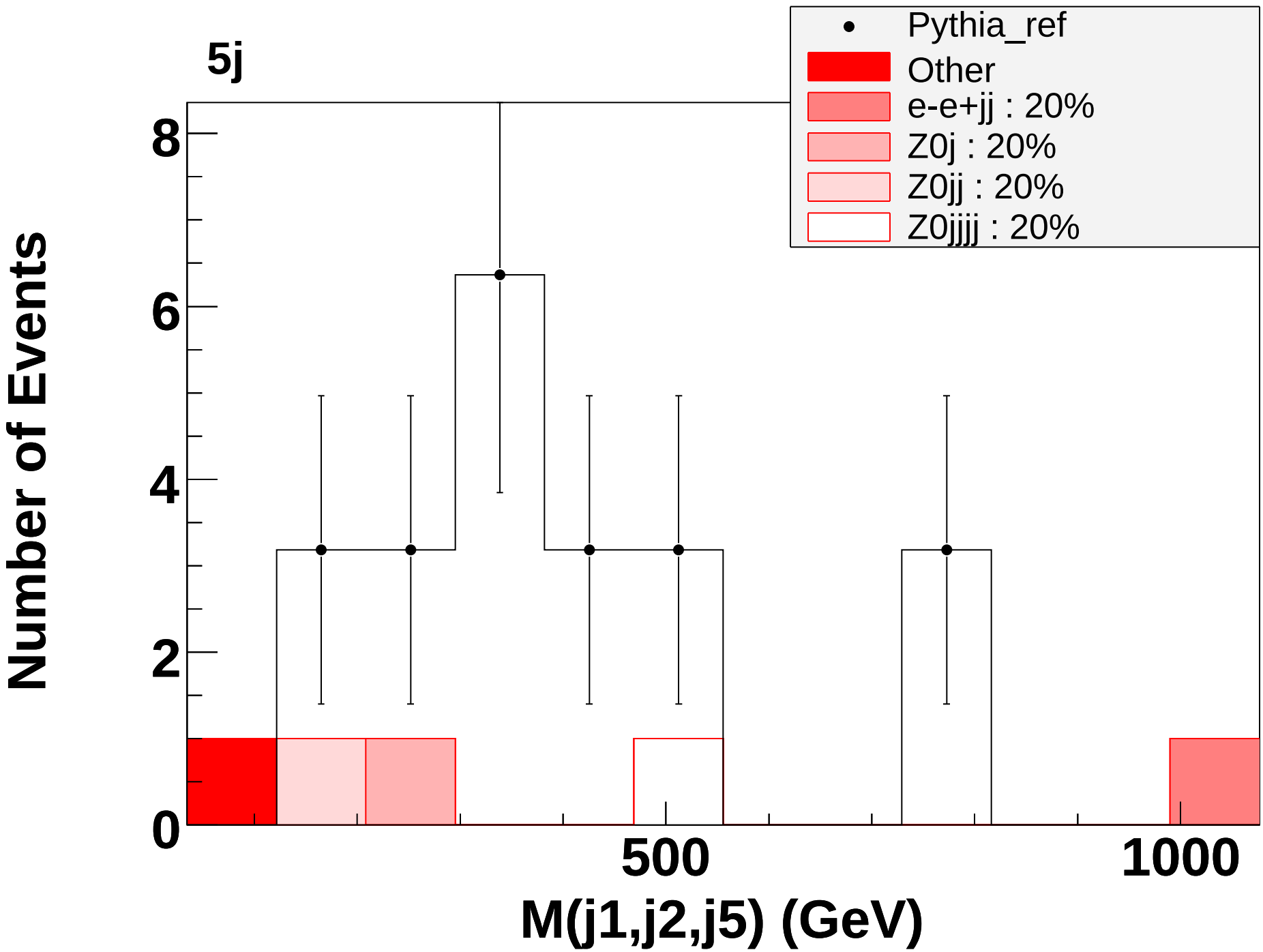

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
-2
-1
0
1
2
j5 ϕ (radians)

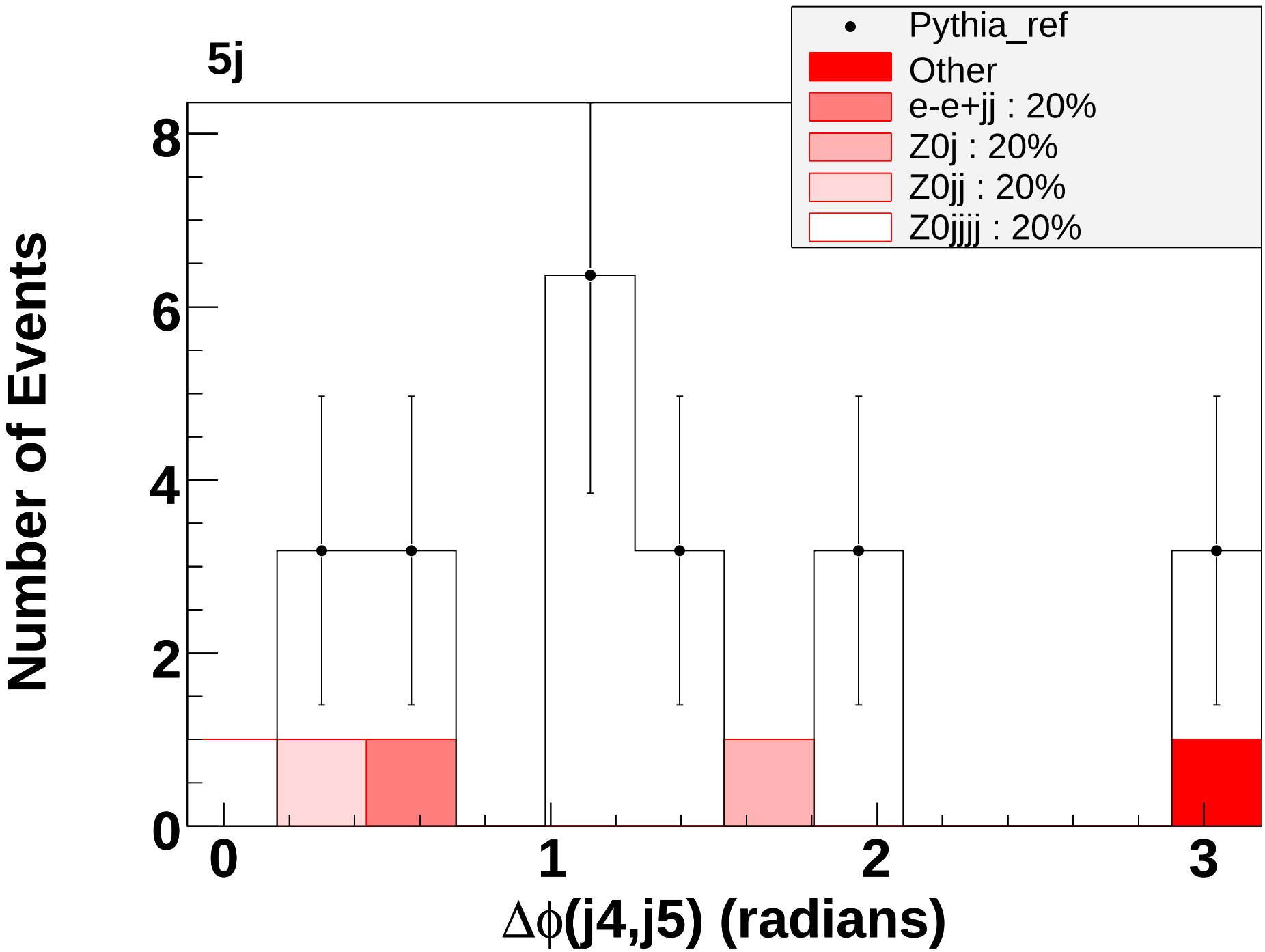

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
-4
-2
0
2
4
j5 eta

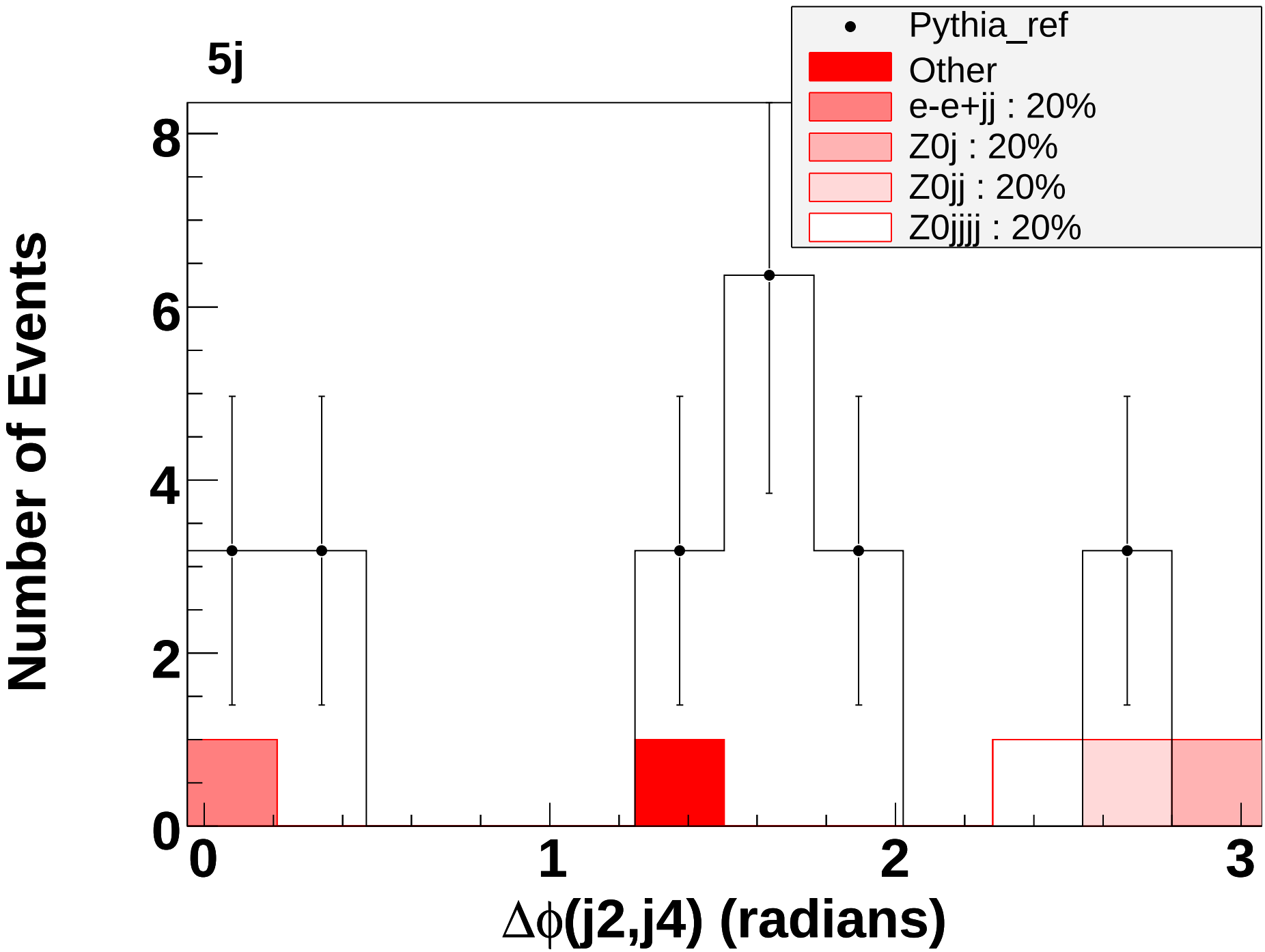

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
-2
0
2
j1 ϕ (radians)

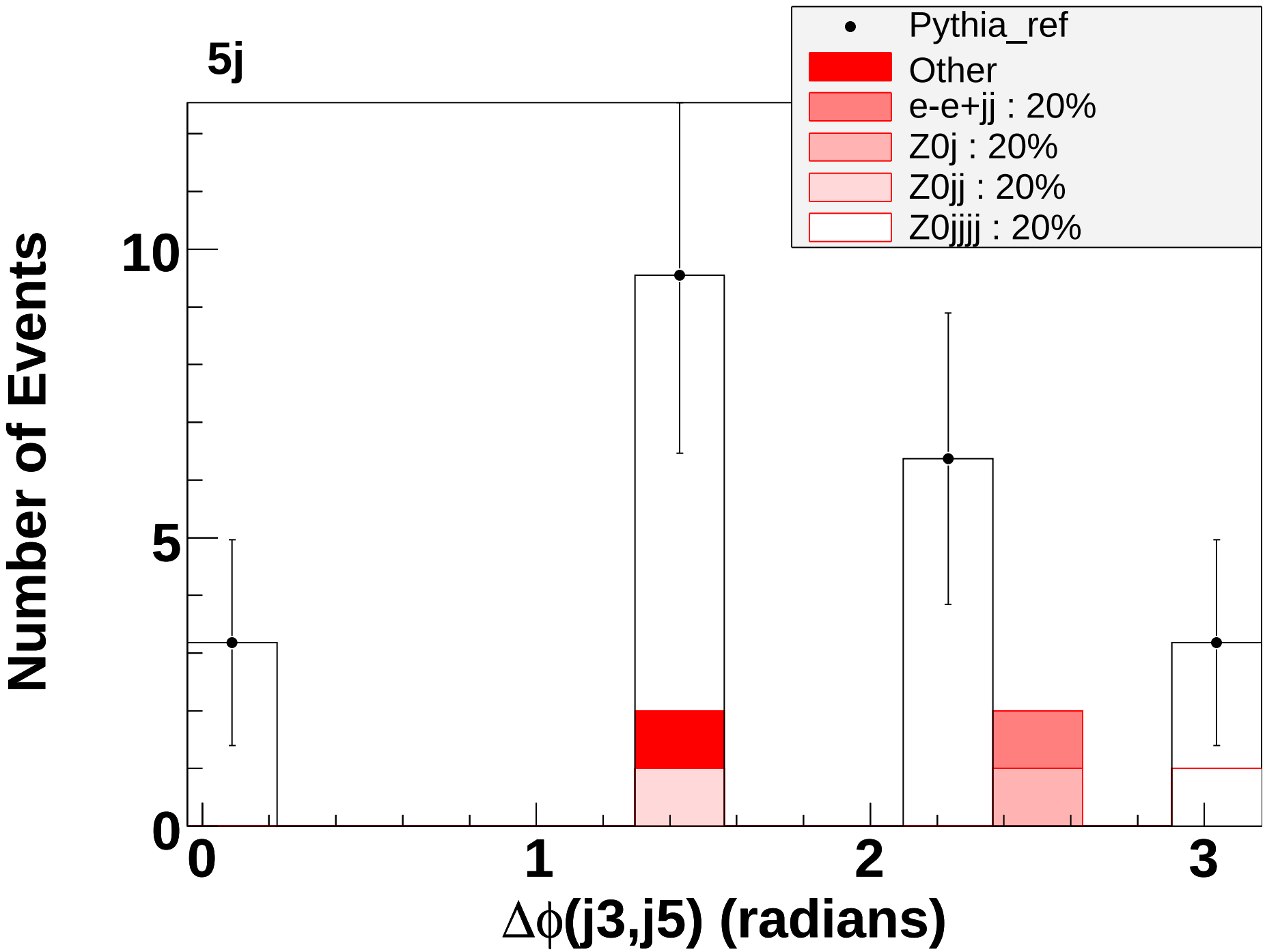

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
-4
-2
0
2
4
j5 detEta

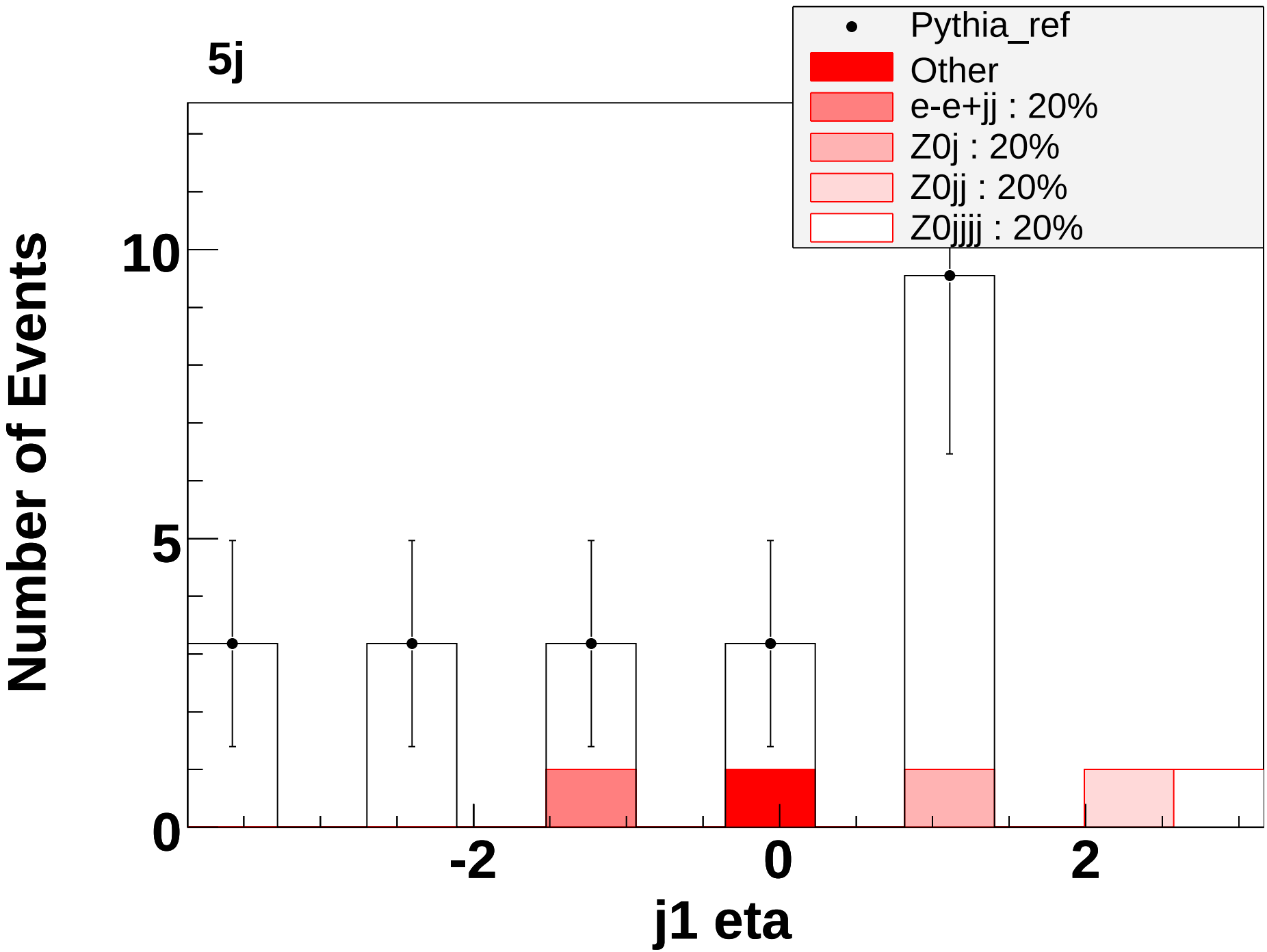

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
50
100
150
M(j3,j4) (GeV)

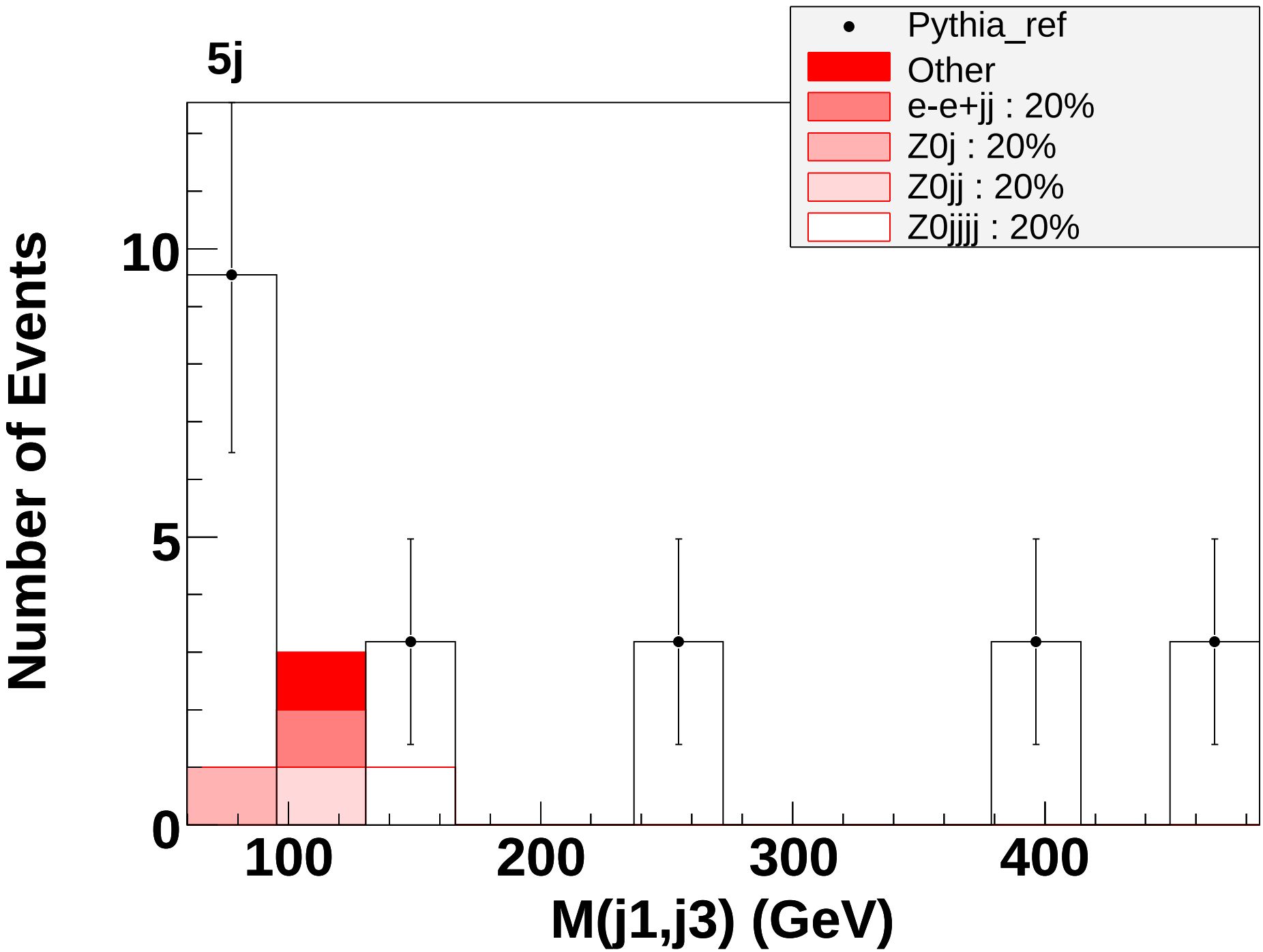

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
500
1000
M(j1,j2,j5) (GeV)

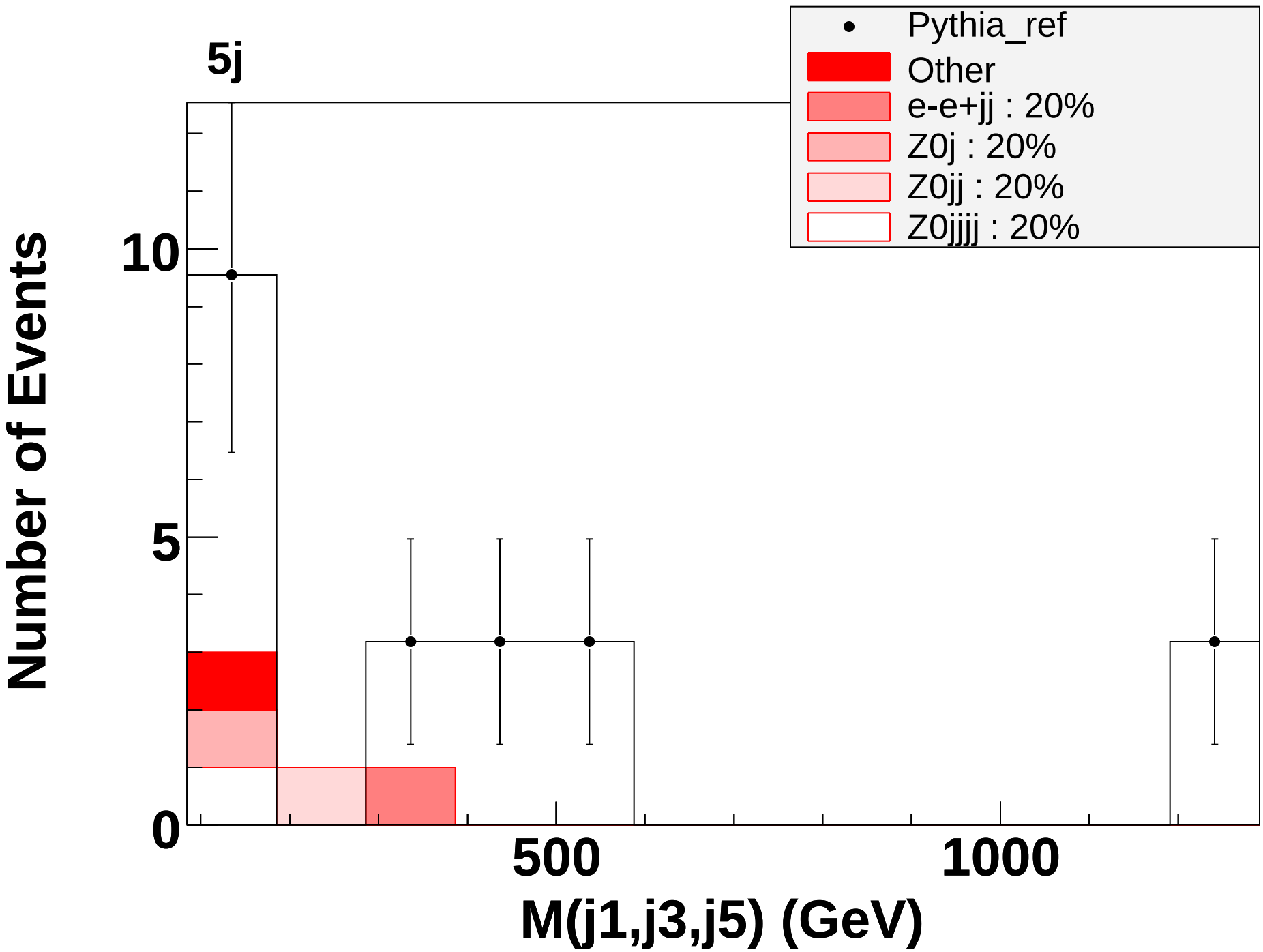

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
0
1
2
3
Δϕ(j4,j5) (radians)

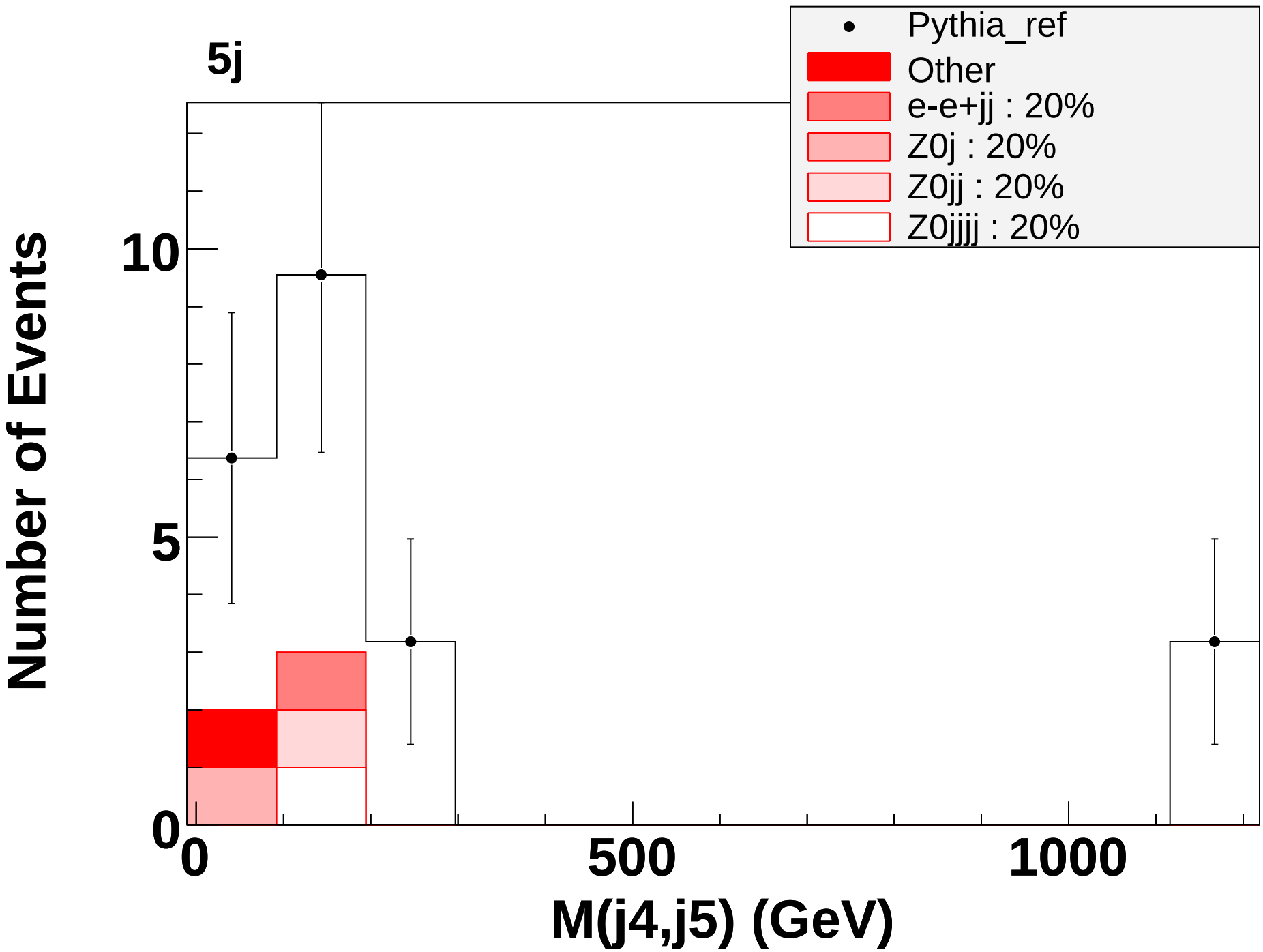

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
0
1
2
3
Δϕ(j2,j4) (radians)

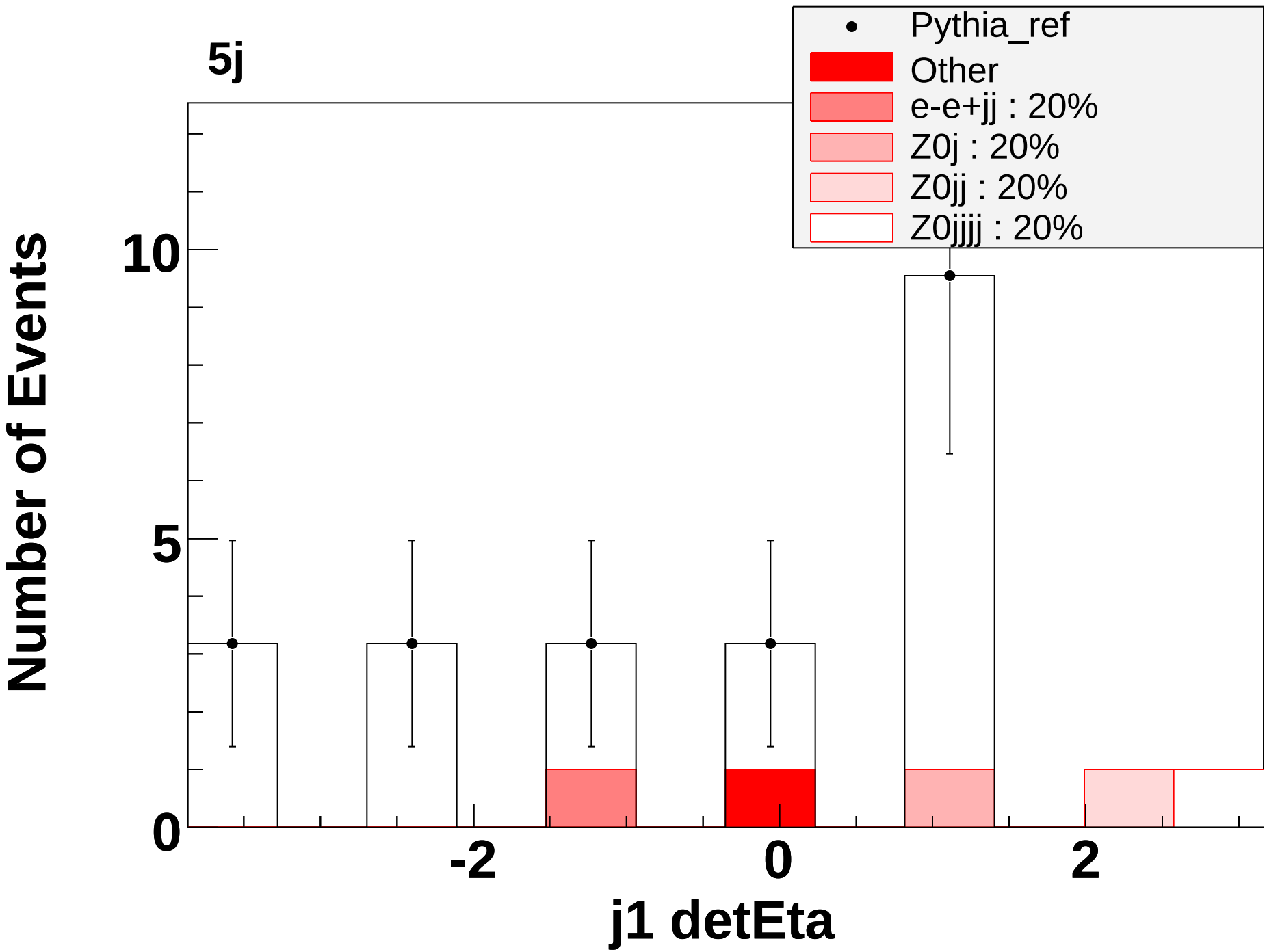

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
0
1
2
3
Δϕ(j3,j5) (radians)

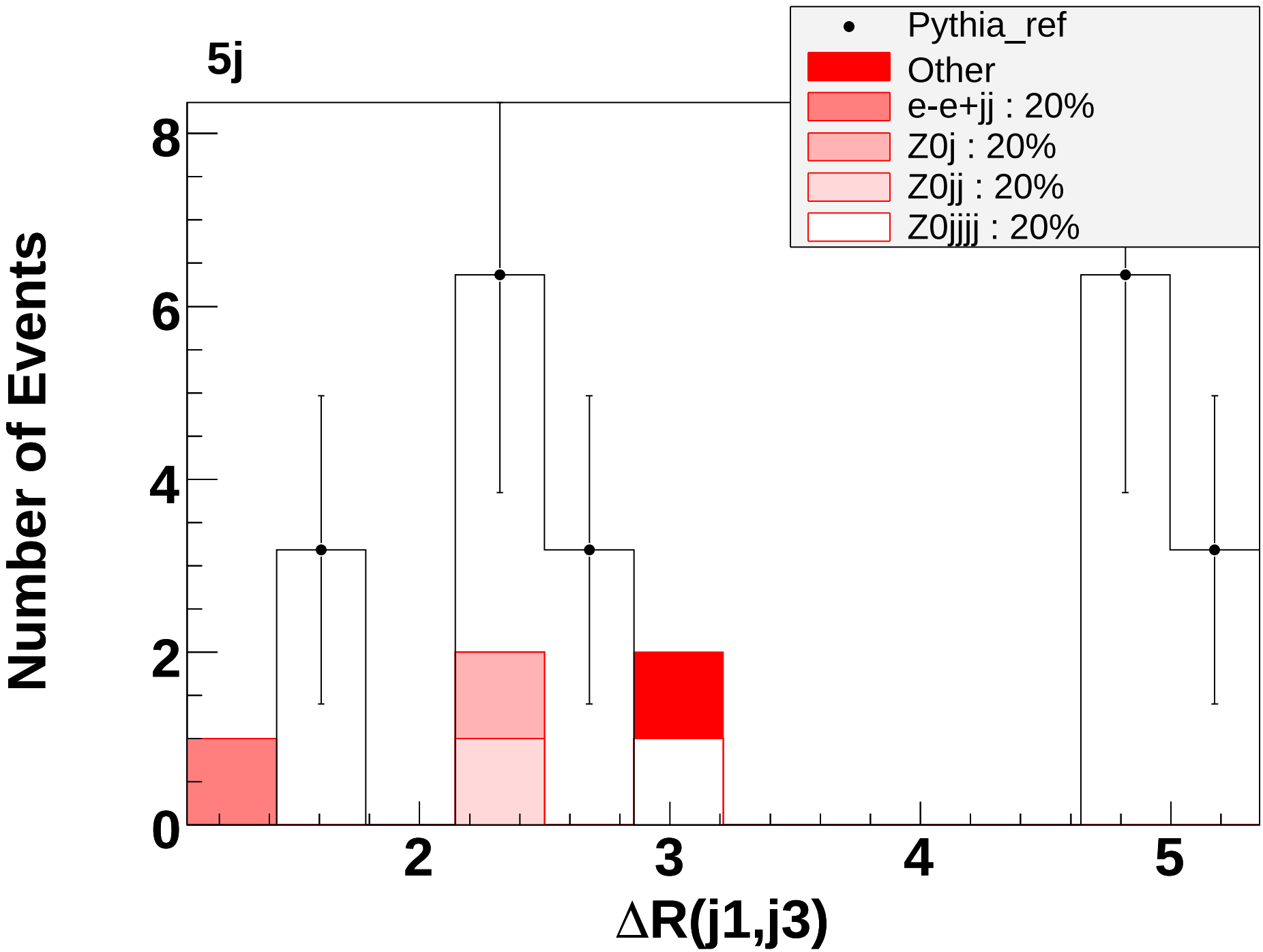

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
-2
0
2
j1 eta

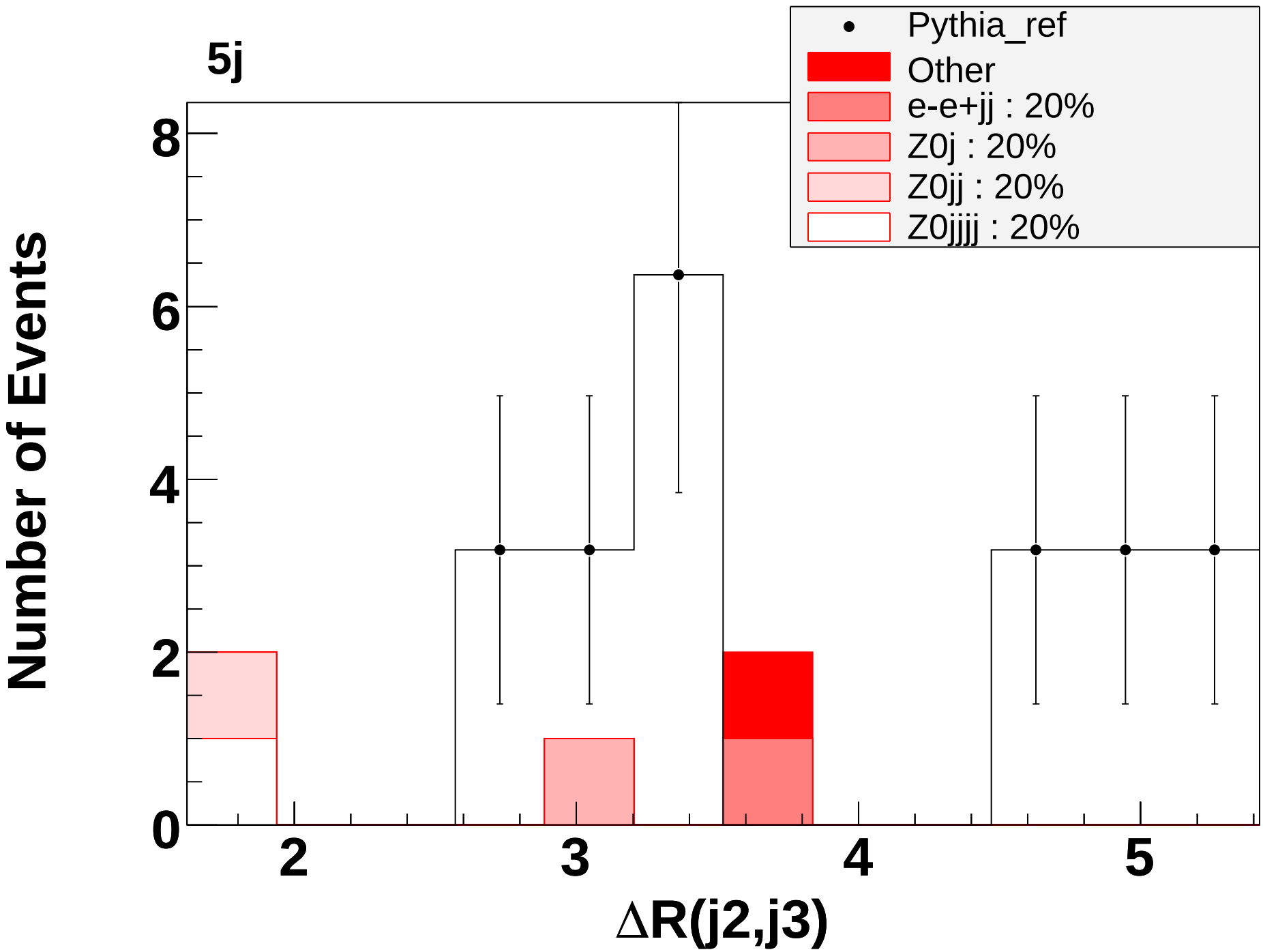

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
100
200
300
400
M(j1,j3) (GeV)

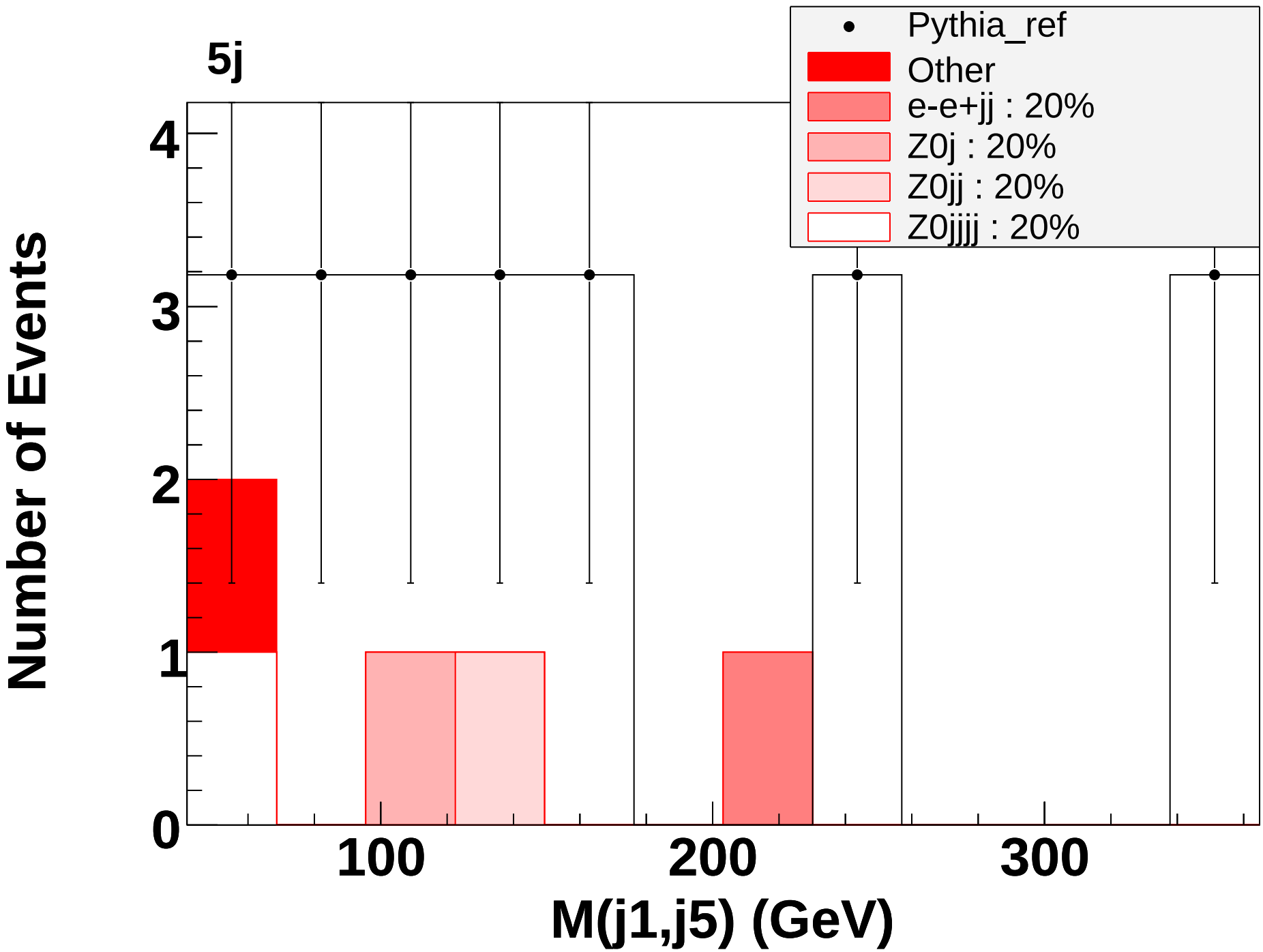

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
500
1000
M(j1,j3,j5) (GeV)

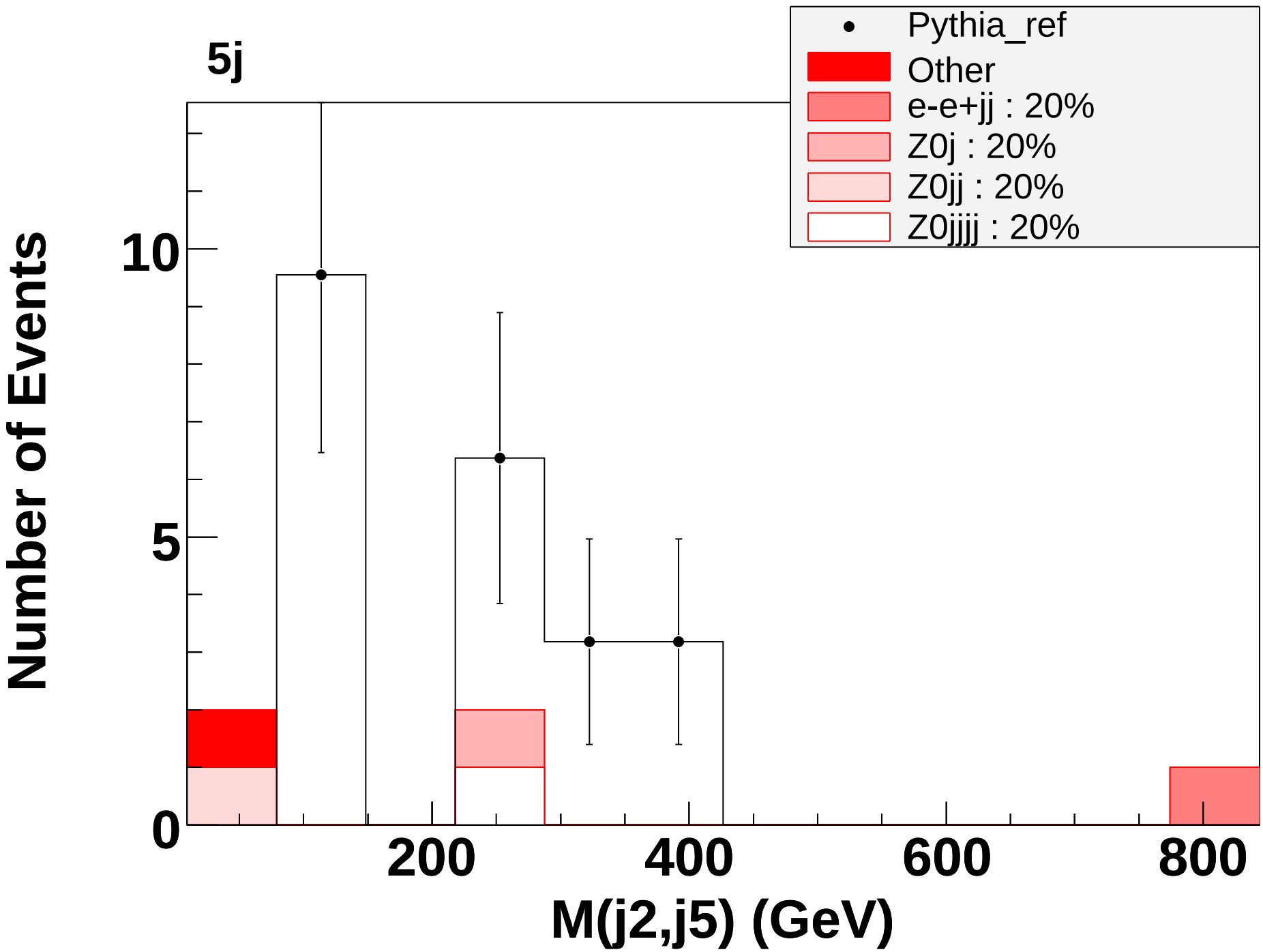

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
0
500
1000
M(j4,j5) (GeV)

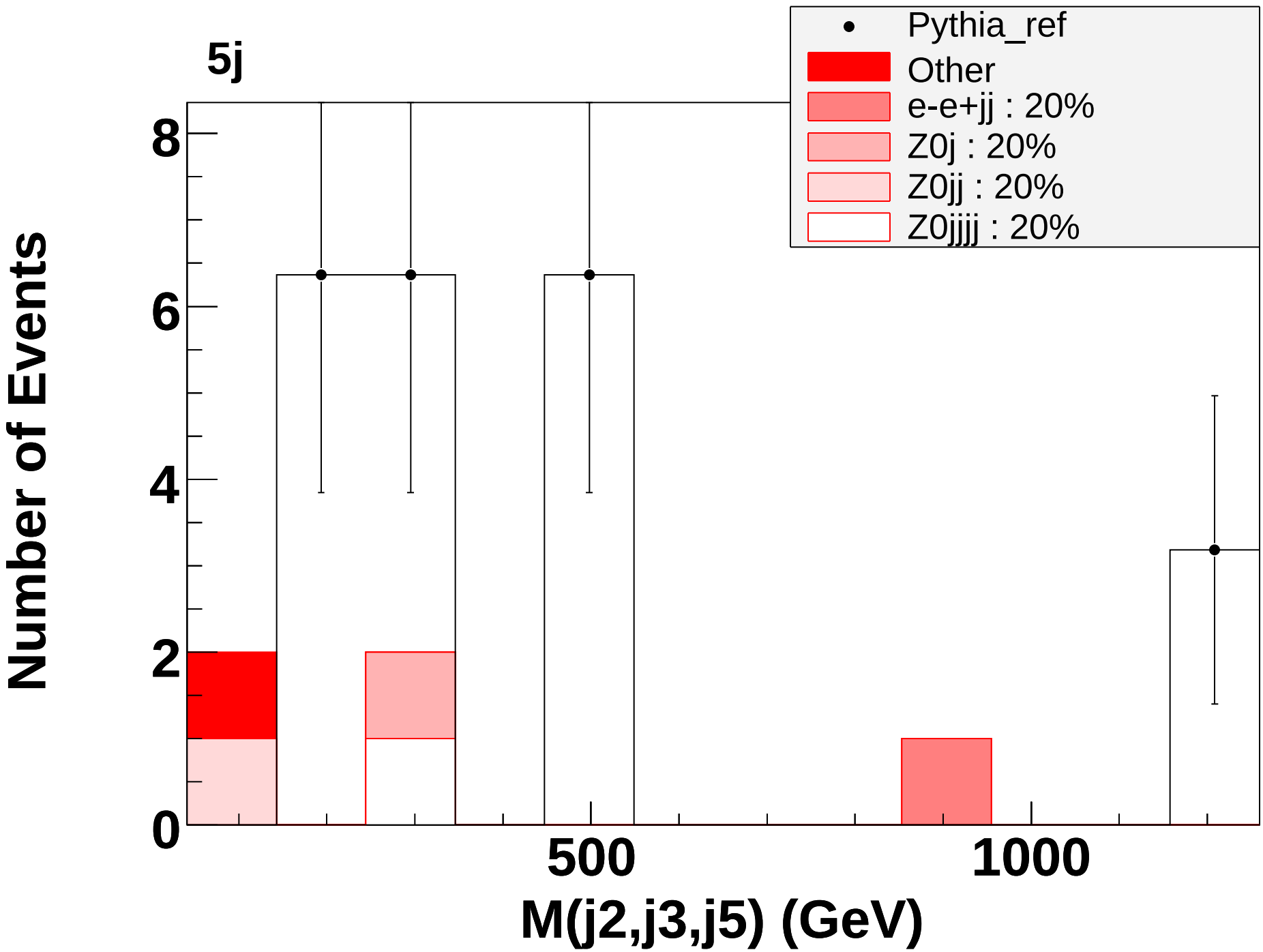

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
-2
0
2
j1 detEta

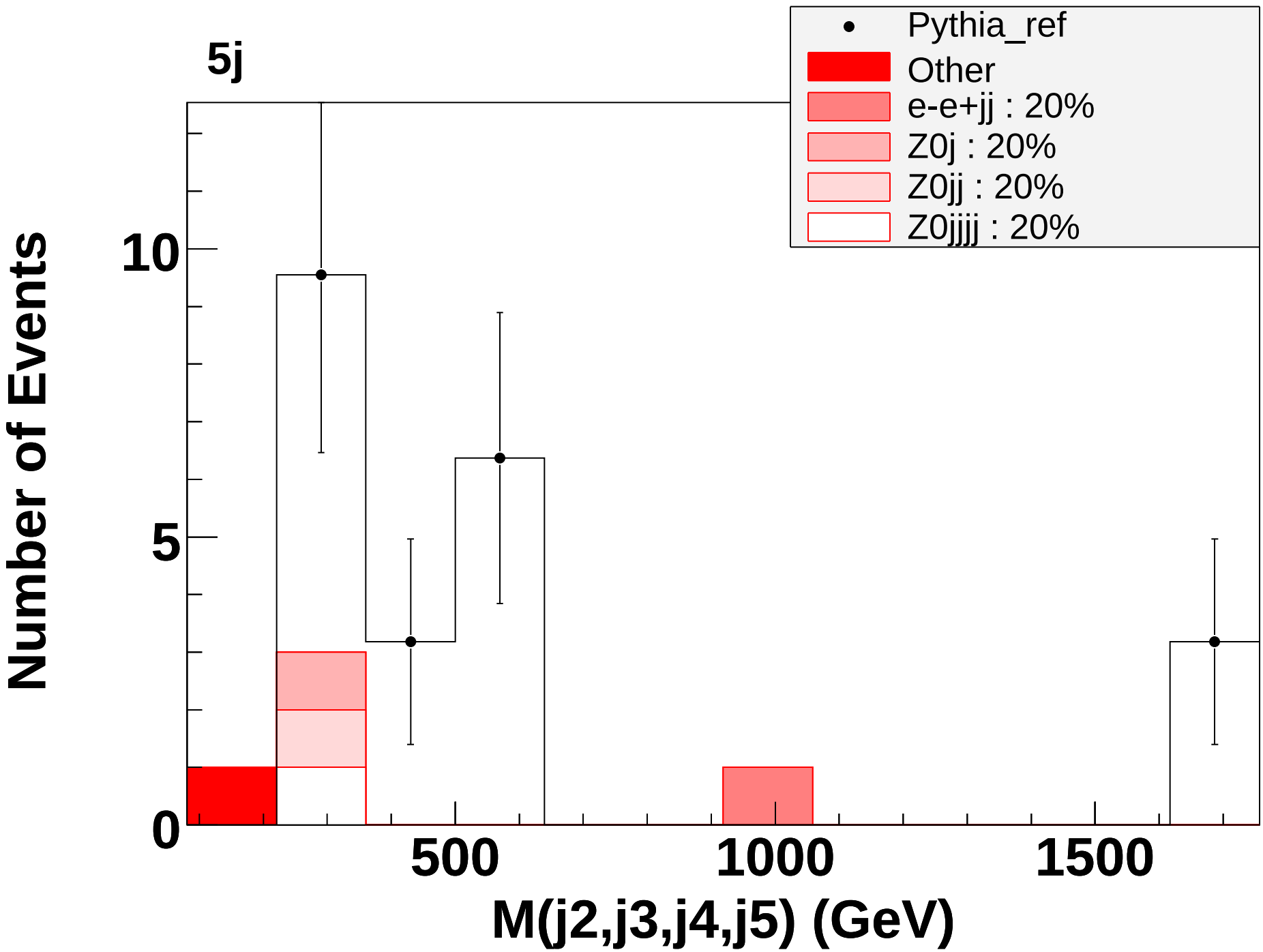

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
2
3
4
5
ΔR(j1,j3)

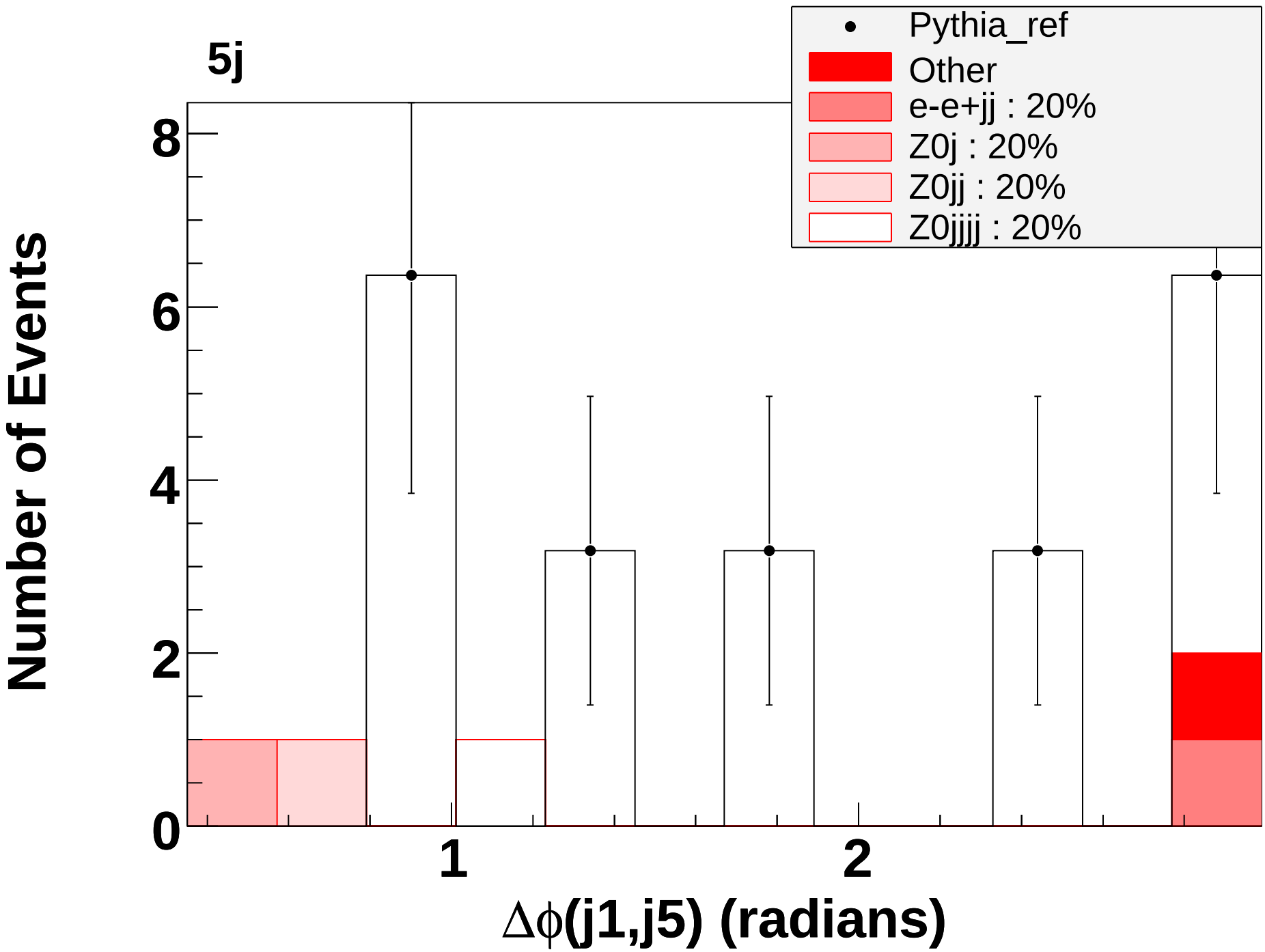

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
2
3
4
5
ΔR(j2,j3)

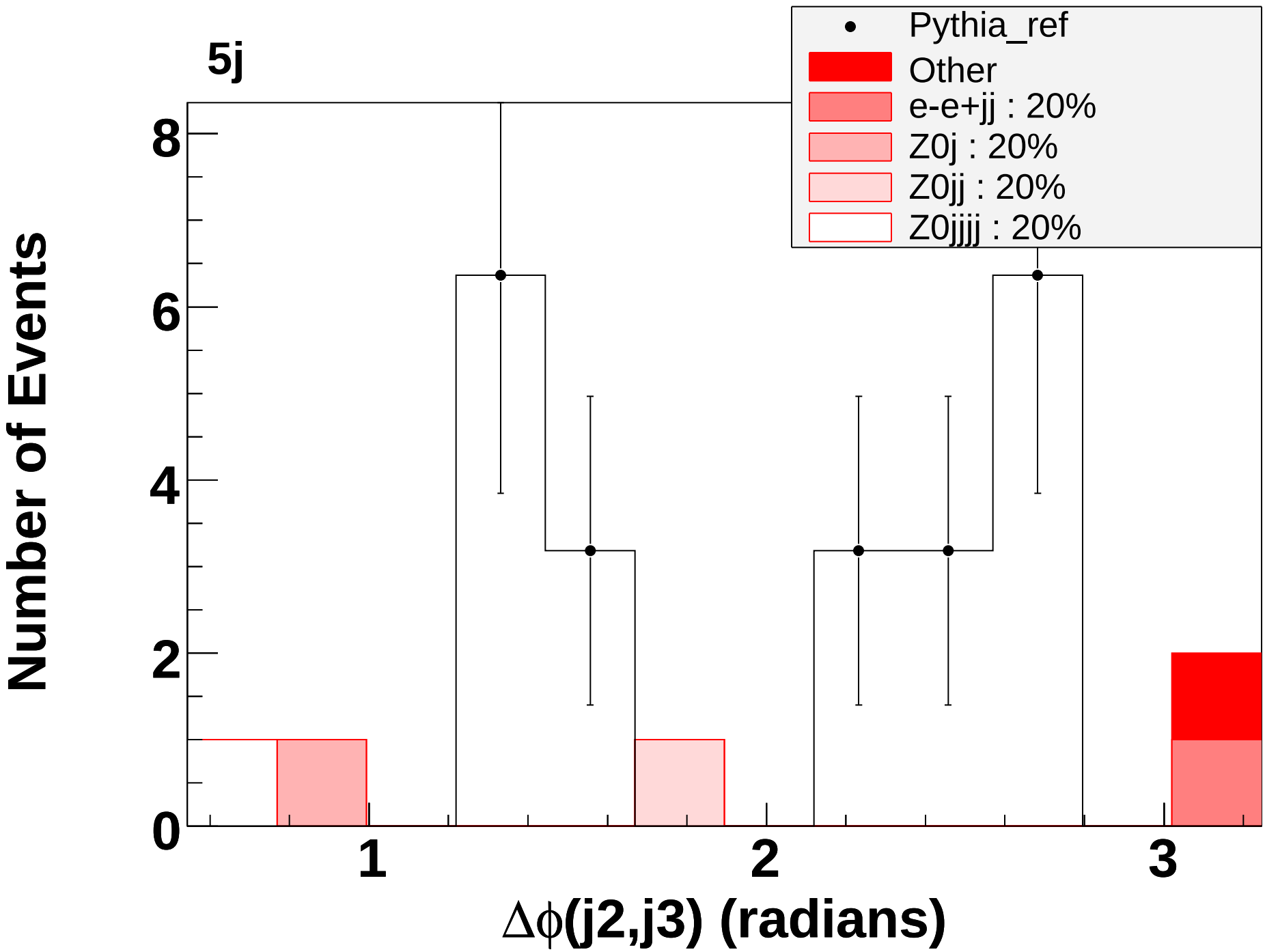

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
1
2
3
4
100
200
300
M(j1,j5) (GeV)

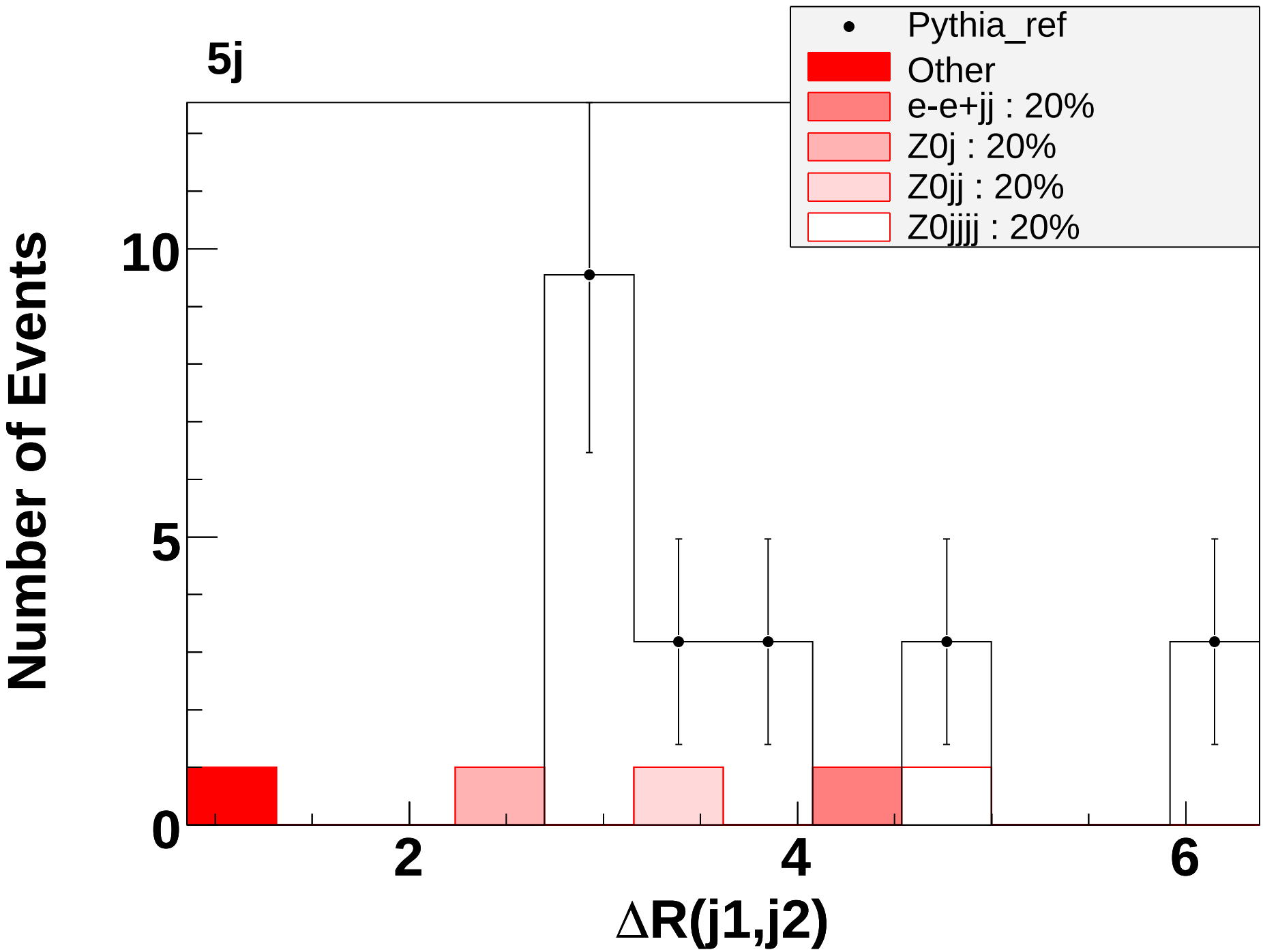

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
200
400
600
800
M(j2,j5) (GeV)

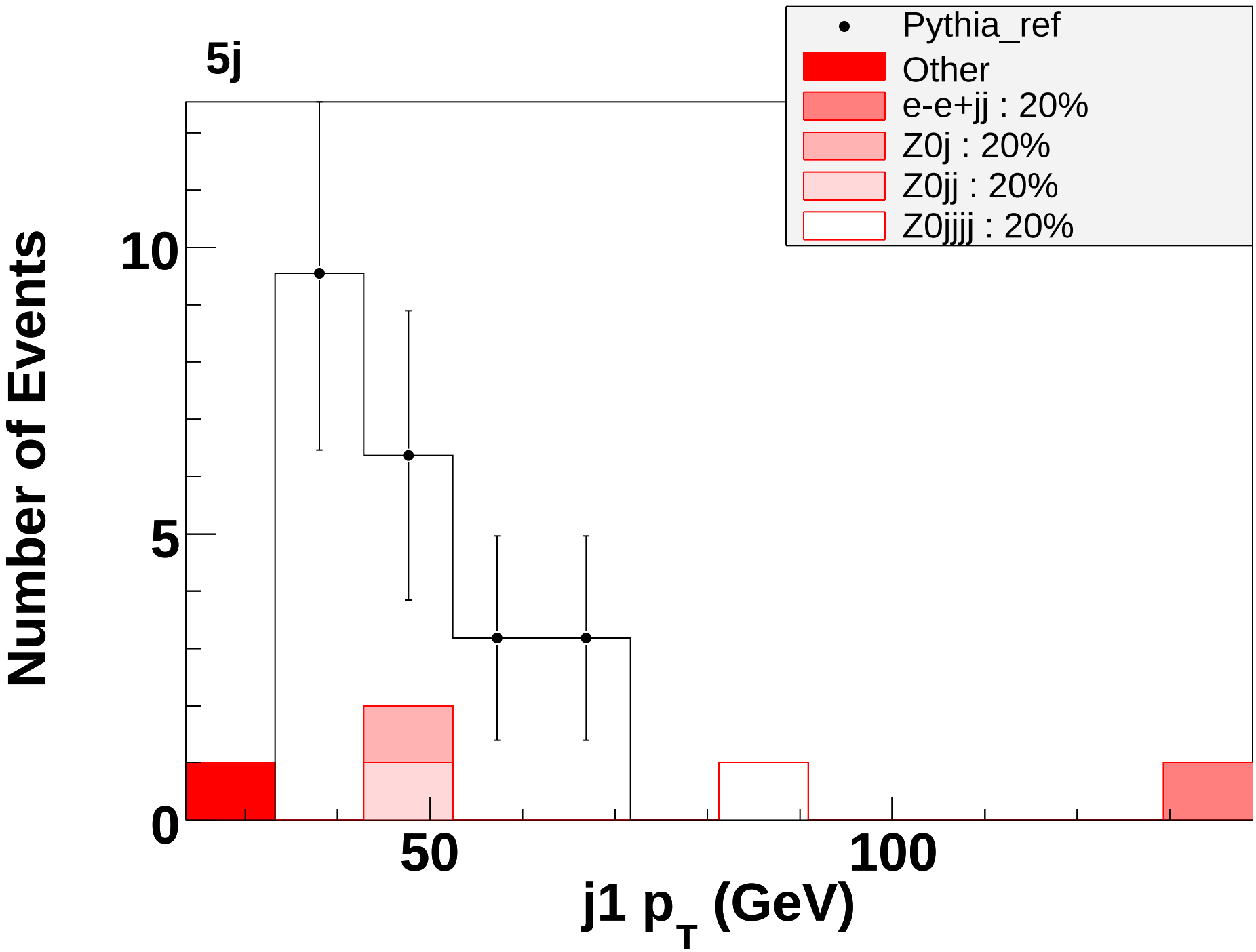

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
500
1000
M(j2,j3,j5) (GeV)

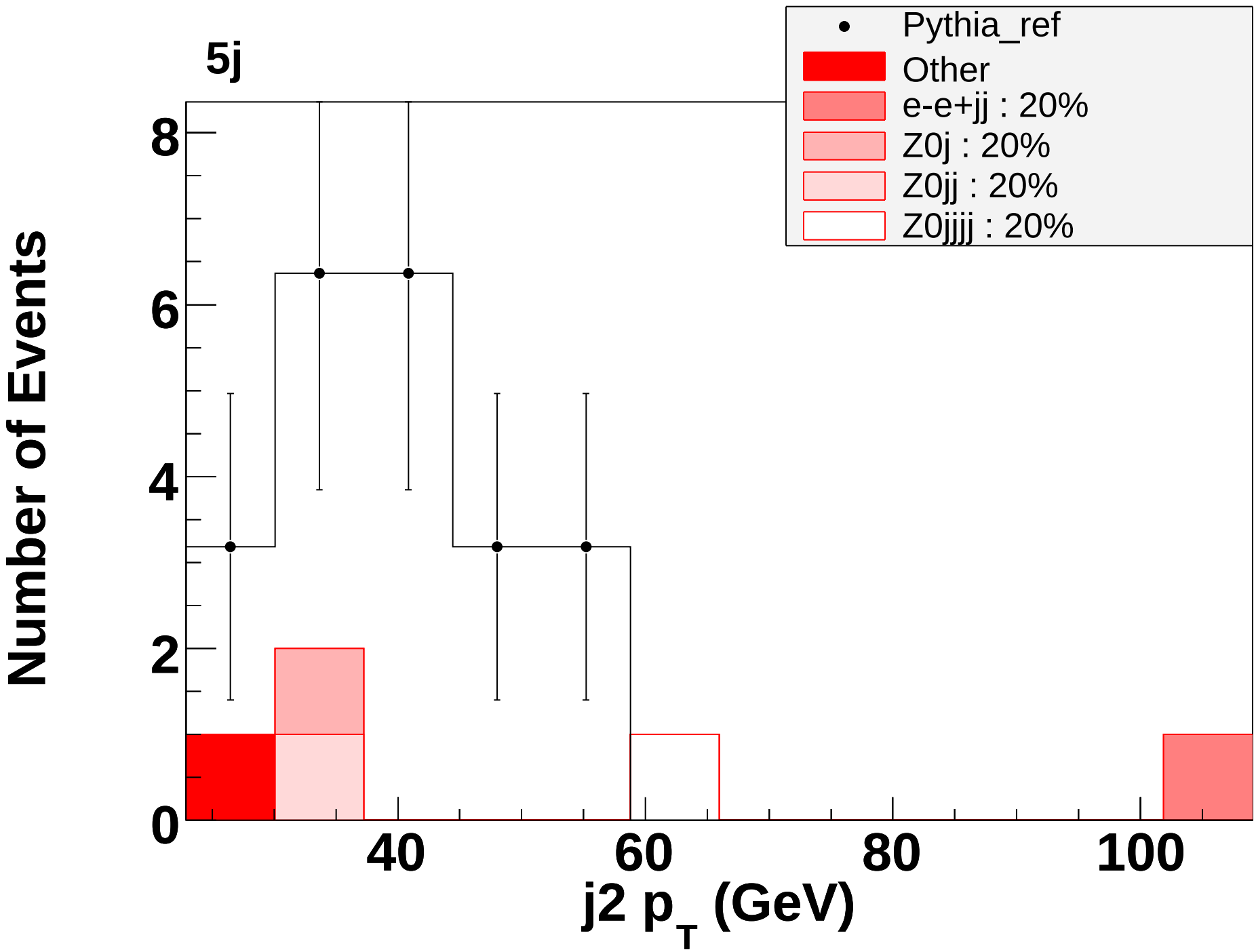

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
500
1000
1500
M(j2,j3,j4,j5) (GeV)

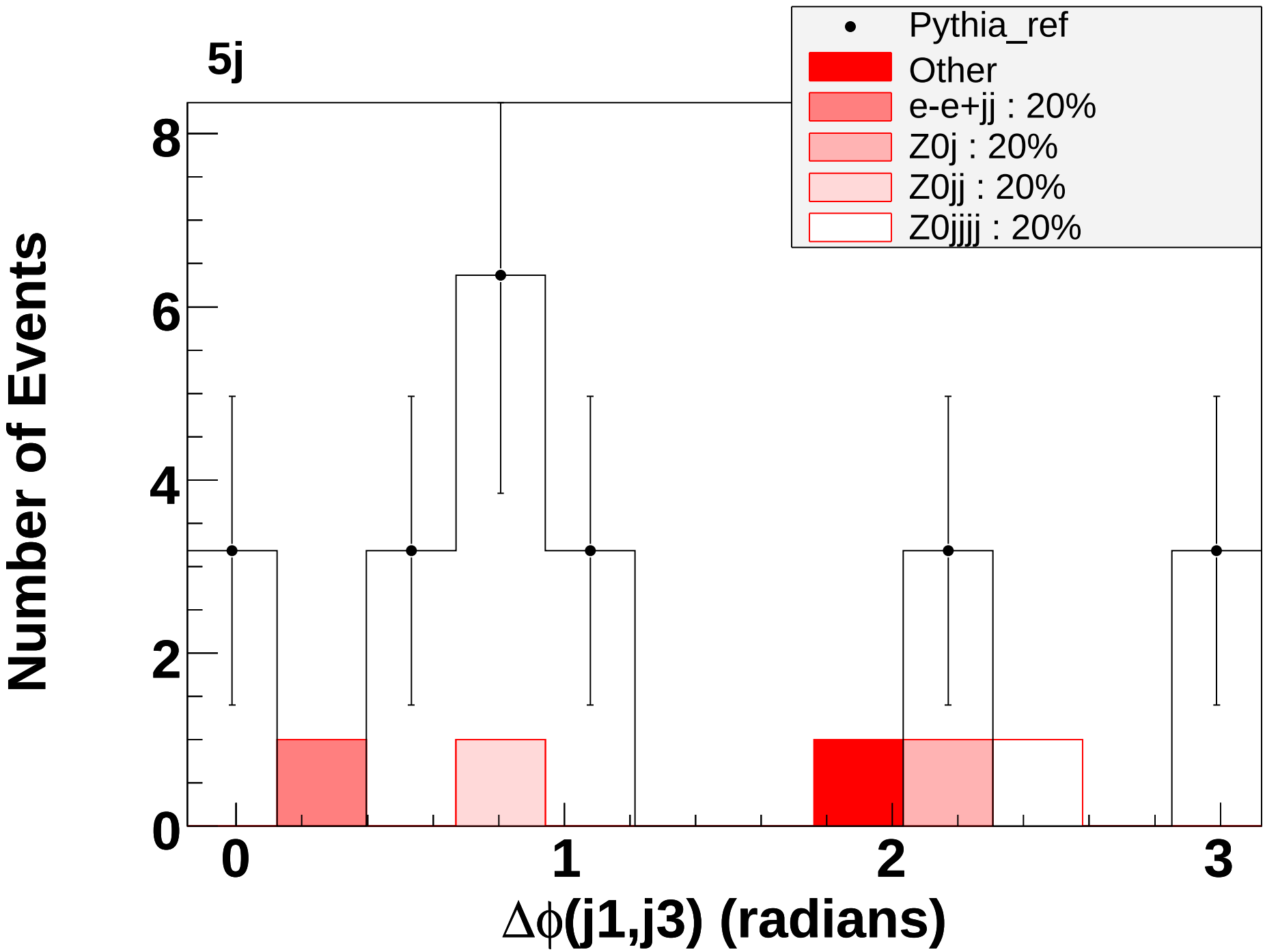

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
1
2
Δϕ(j1,j5) (radians)

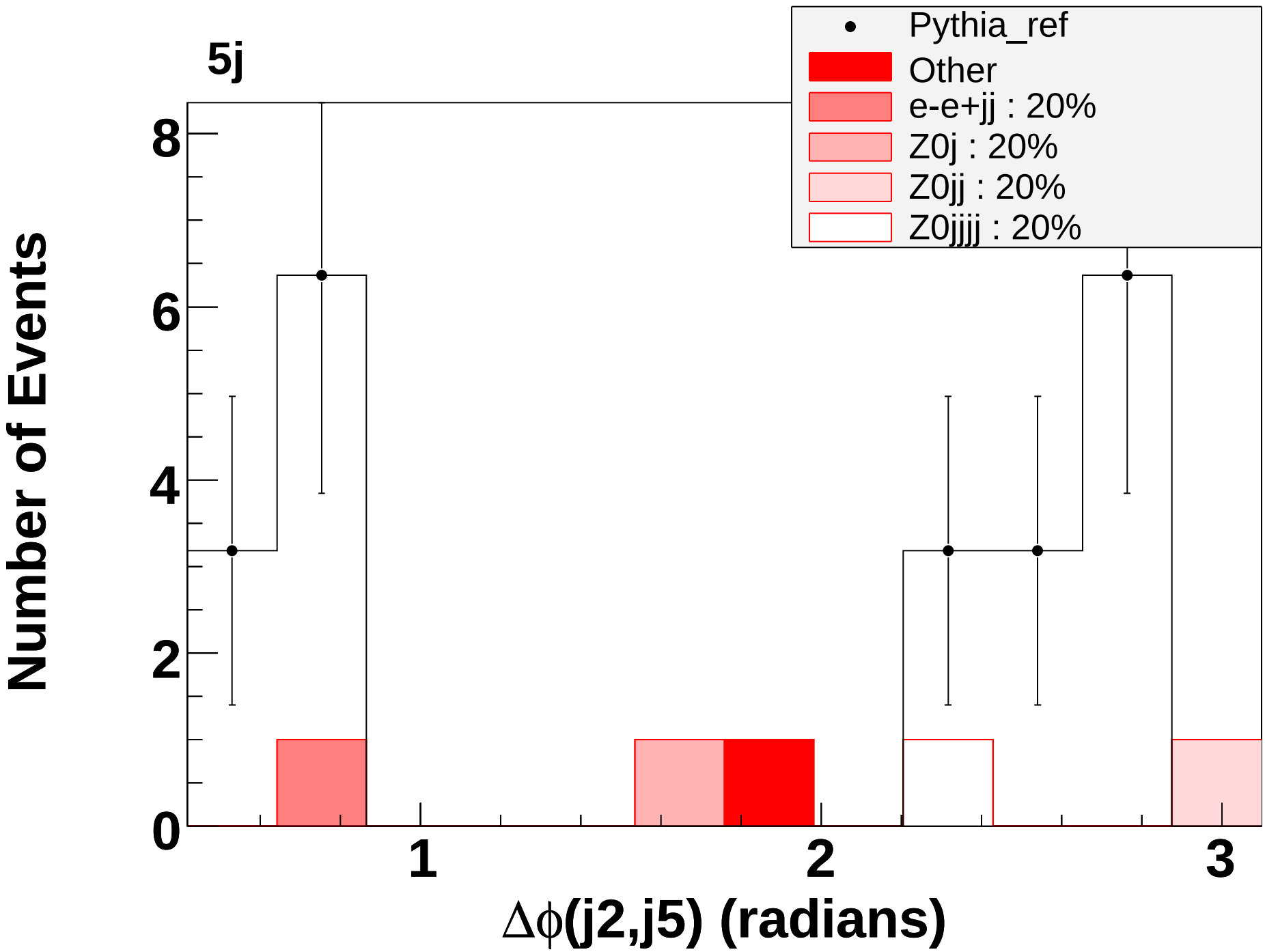

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
1
2
3
Δϕ(j2,j3) (radians)

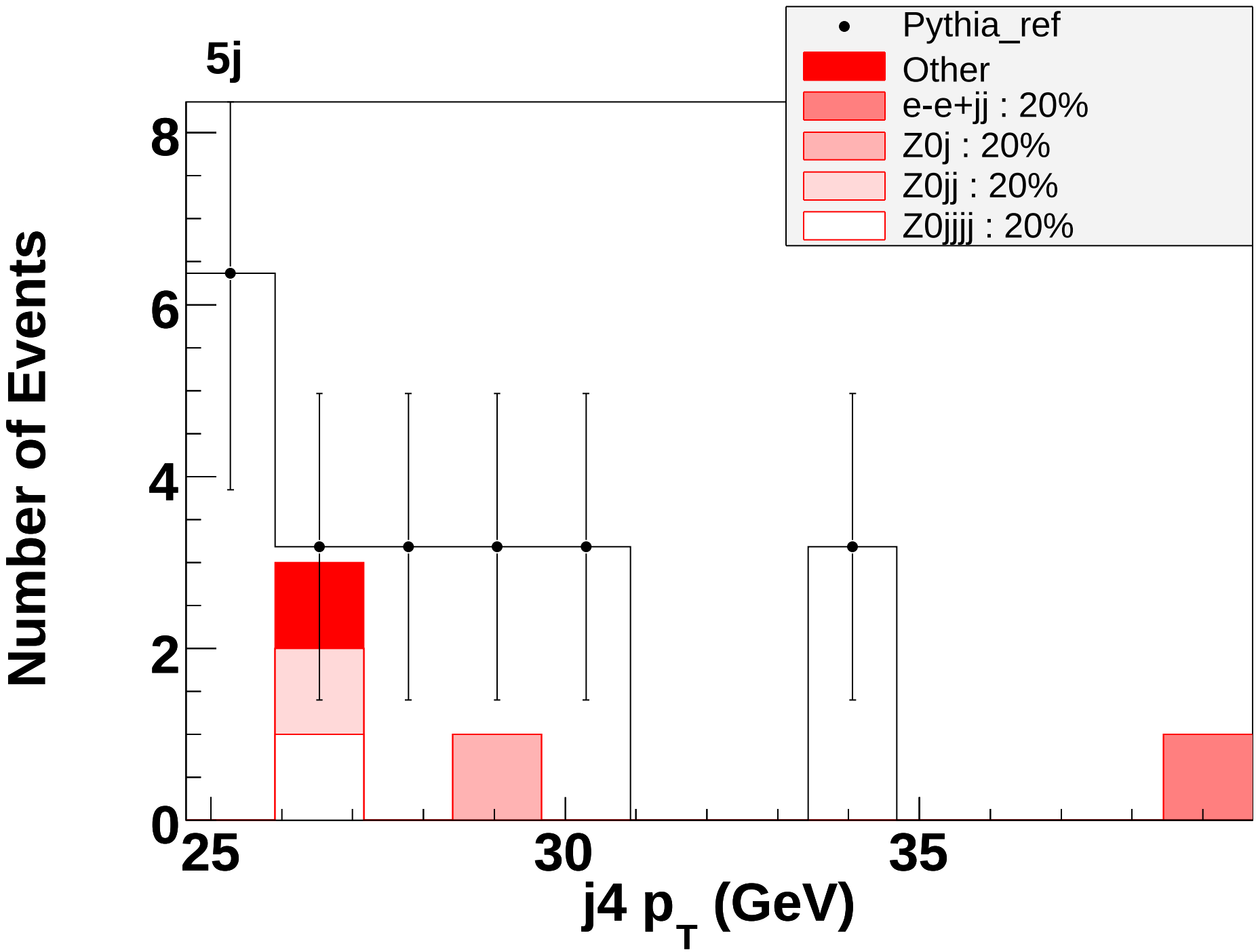

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
2
4
6
ΔR(j1,j2)

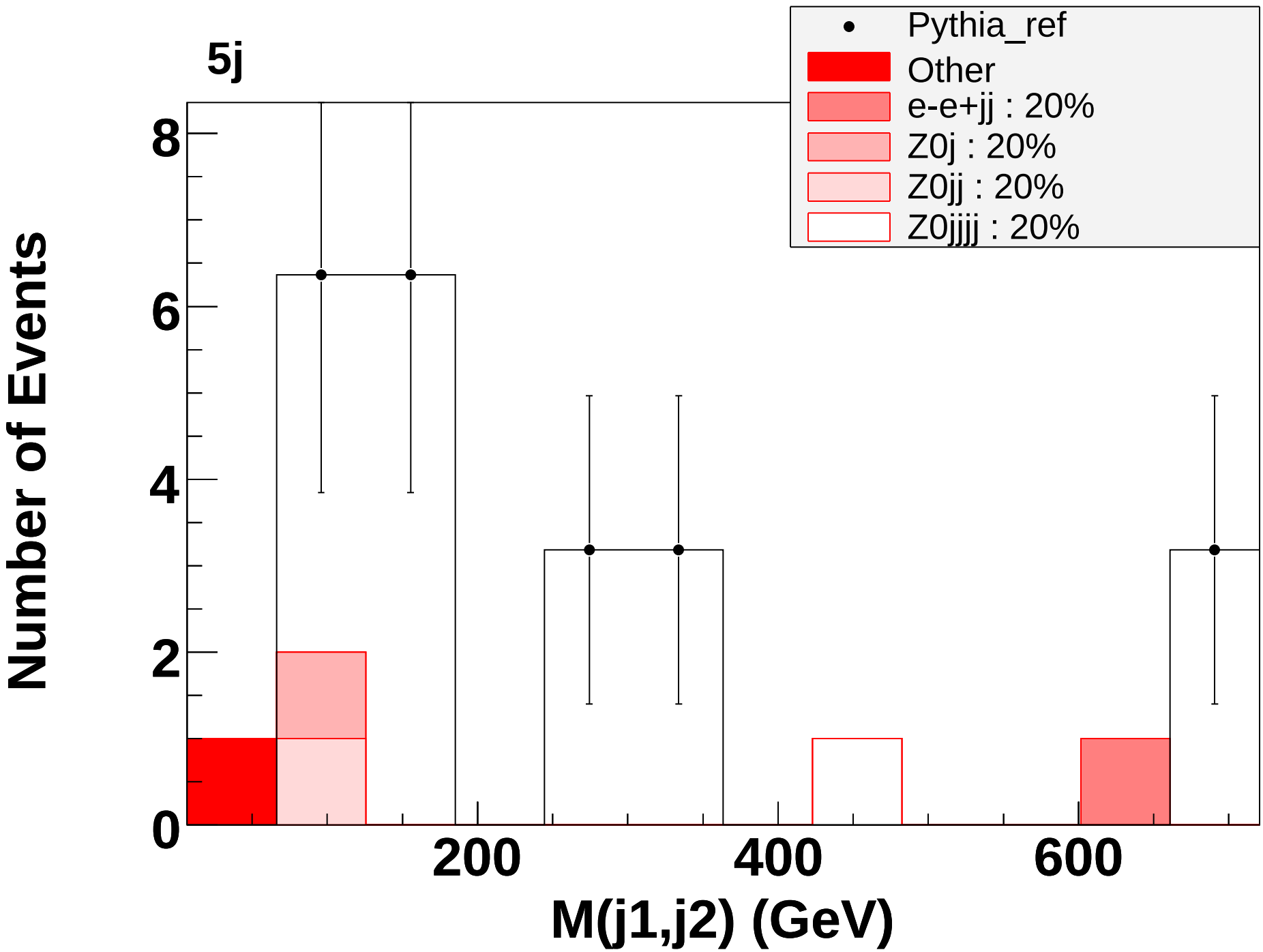

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
50
100
j1 p_T (GeV)

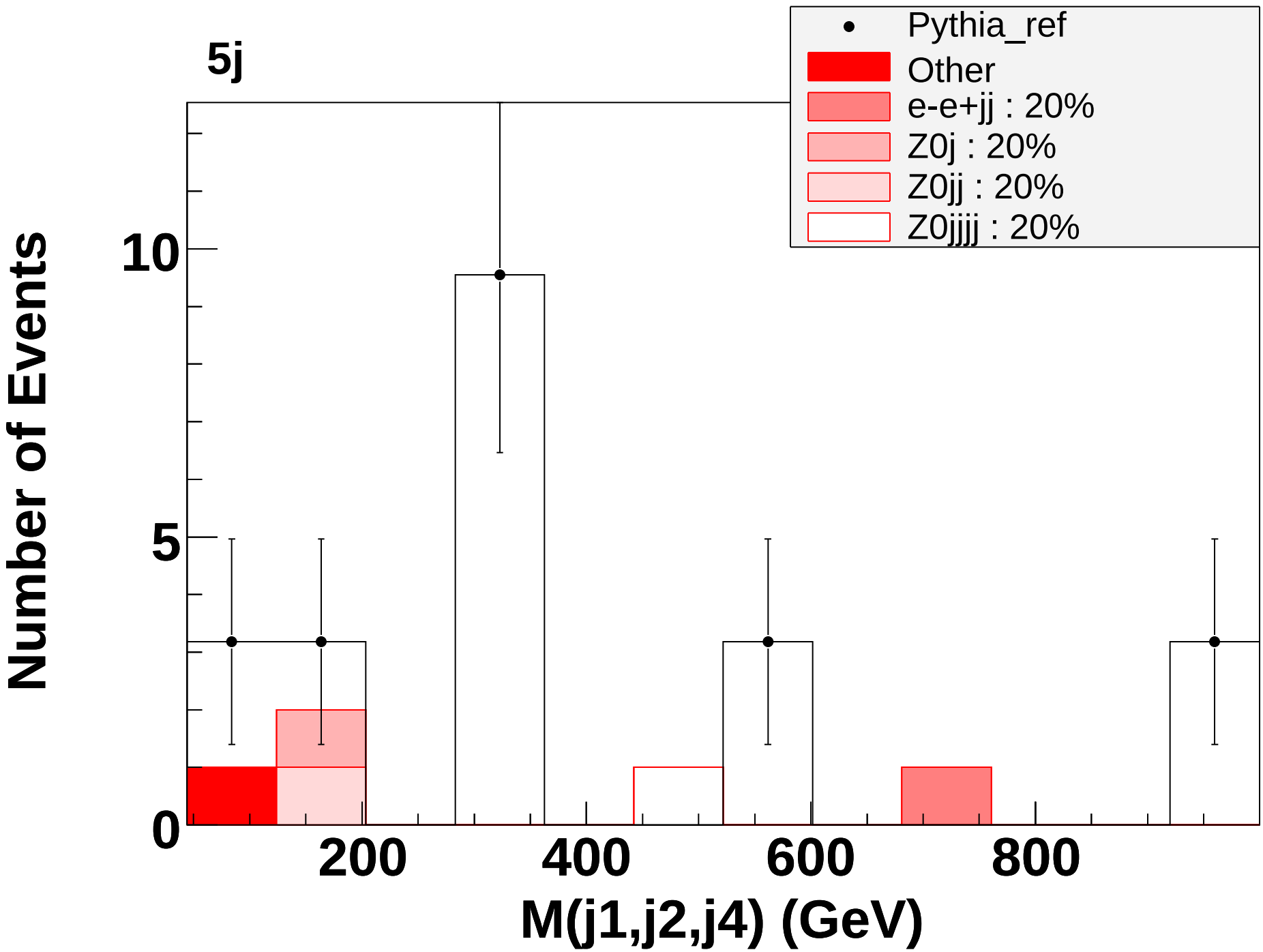

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
40
60
80
100
j2 p_T (GeV)

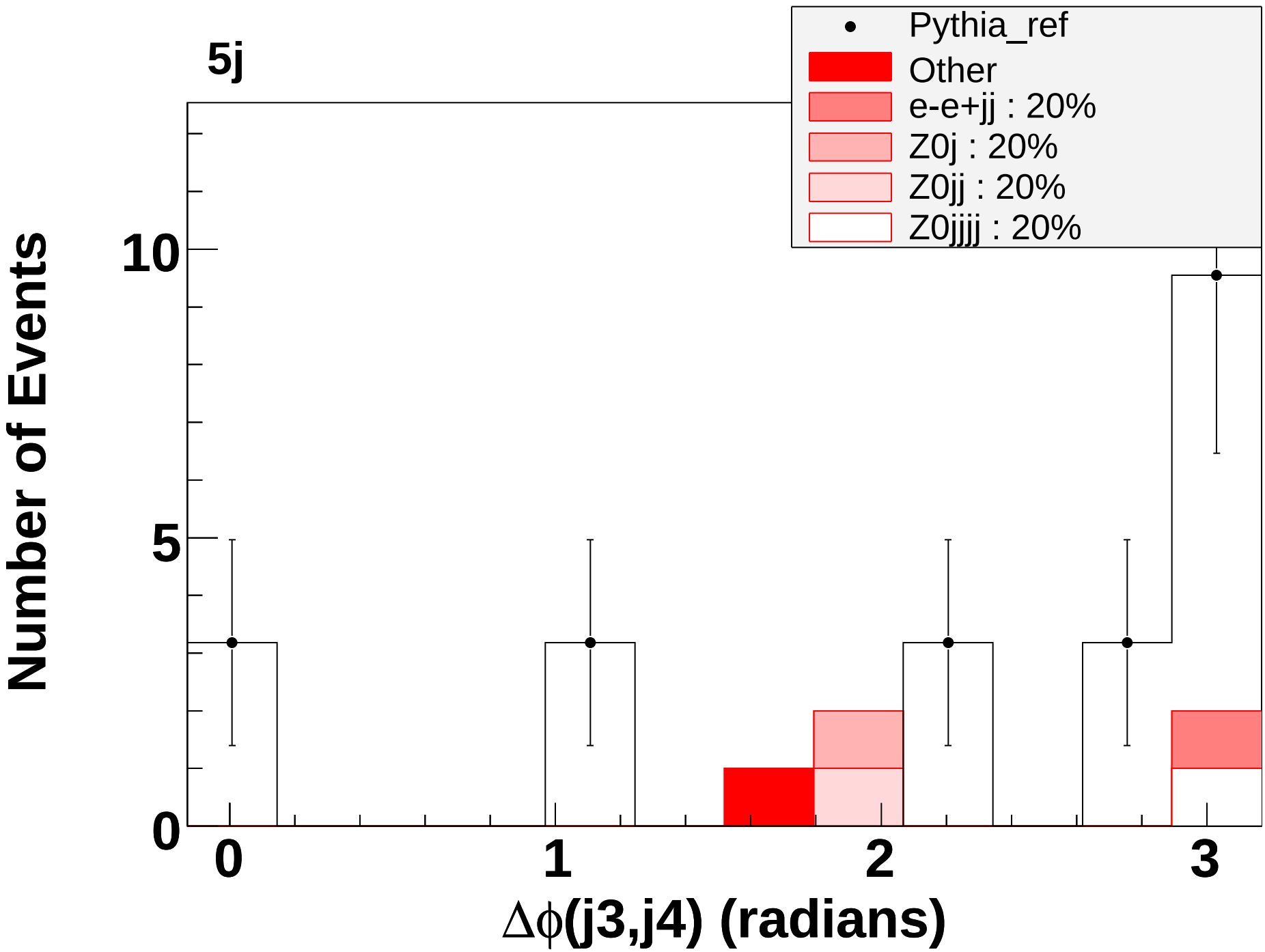

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
0
1
2
3
Δϕ(j1,j3) (radians)

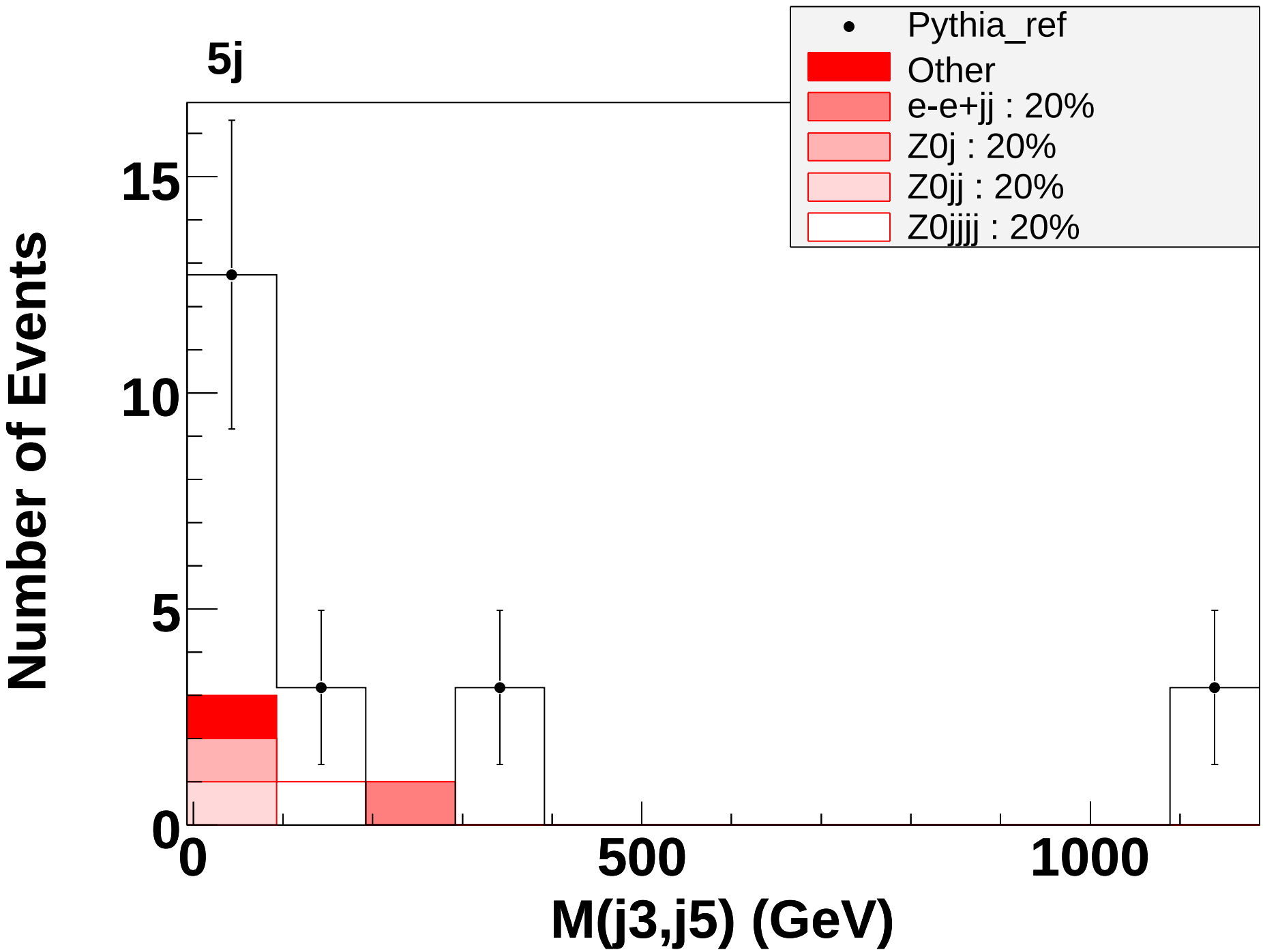

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
1
2
3
Δϕ(j2,j5) (radians)

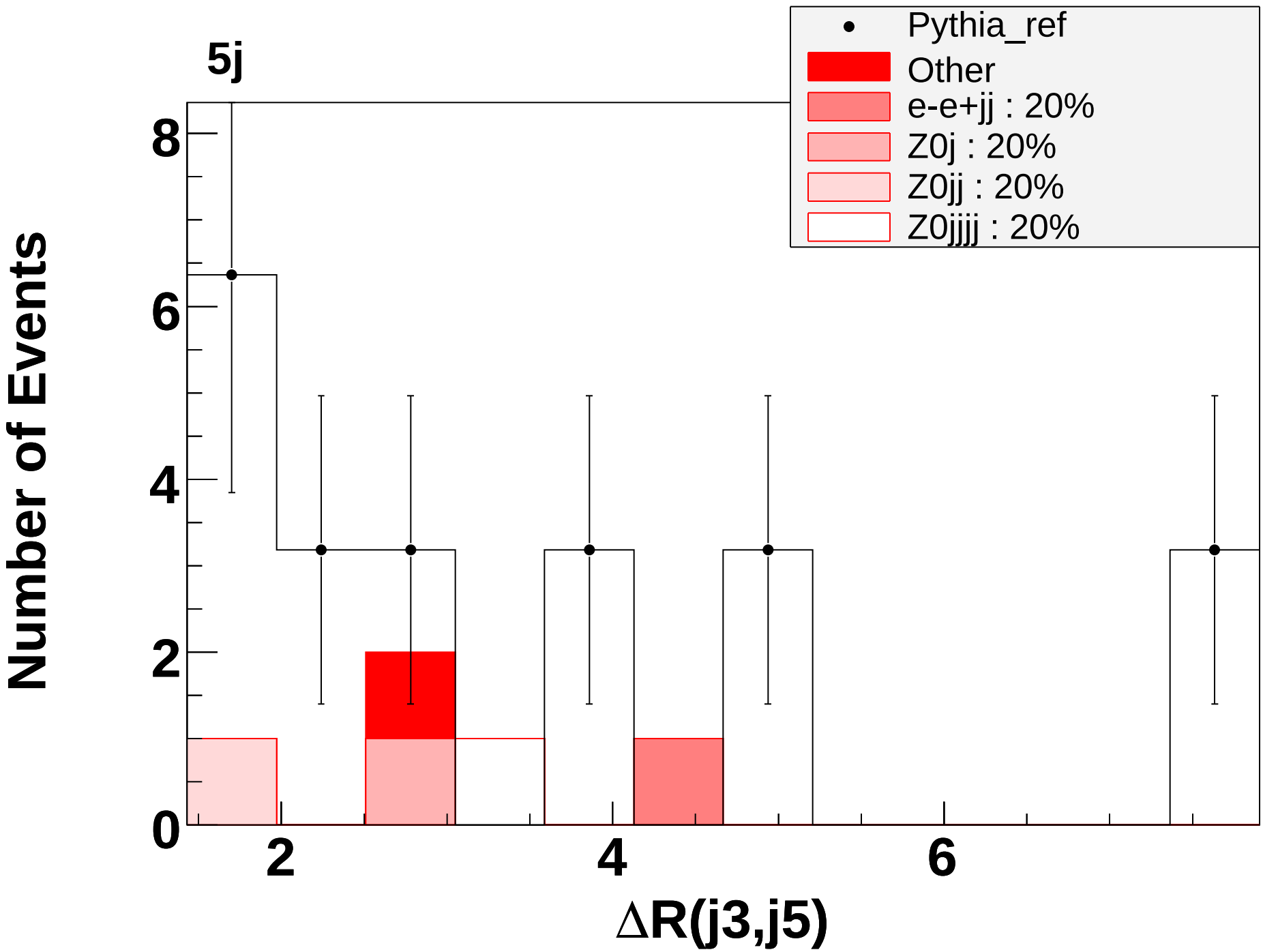

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
25
30
35
j4 p_T (GeV)

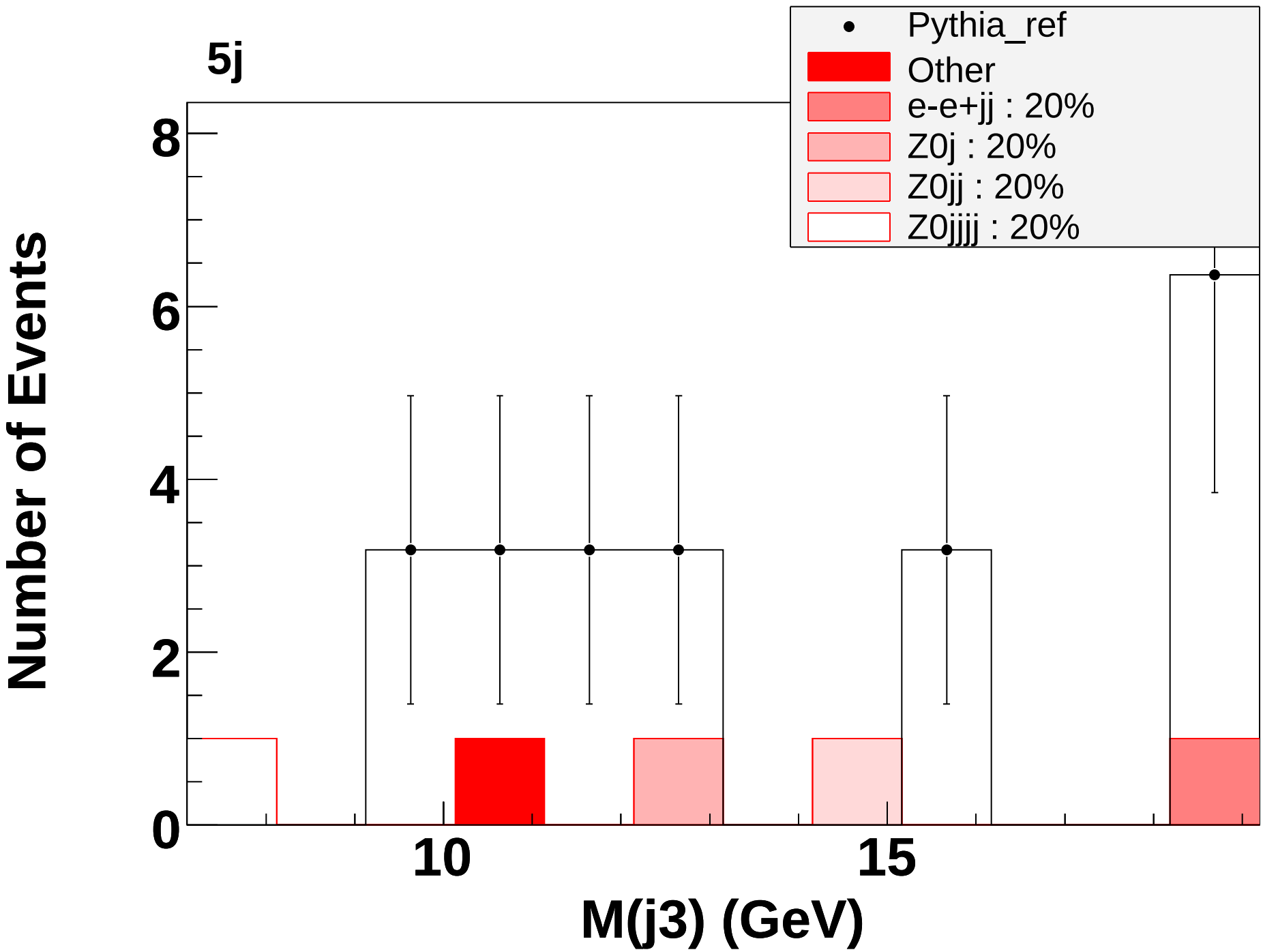

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
200
400
600
M(j1,j2) (GeV)

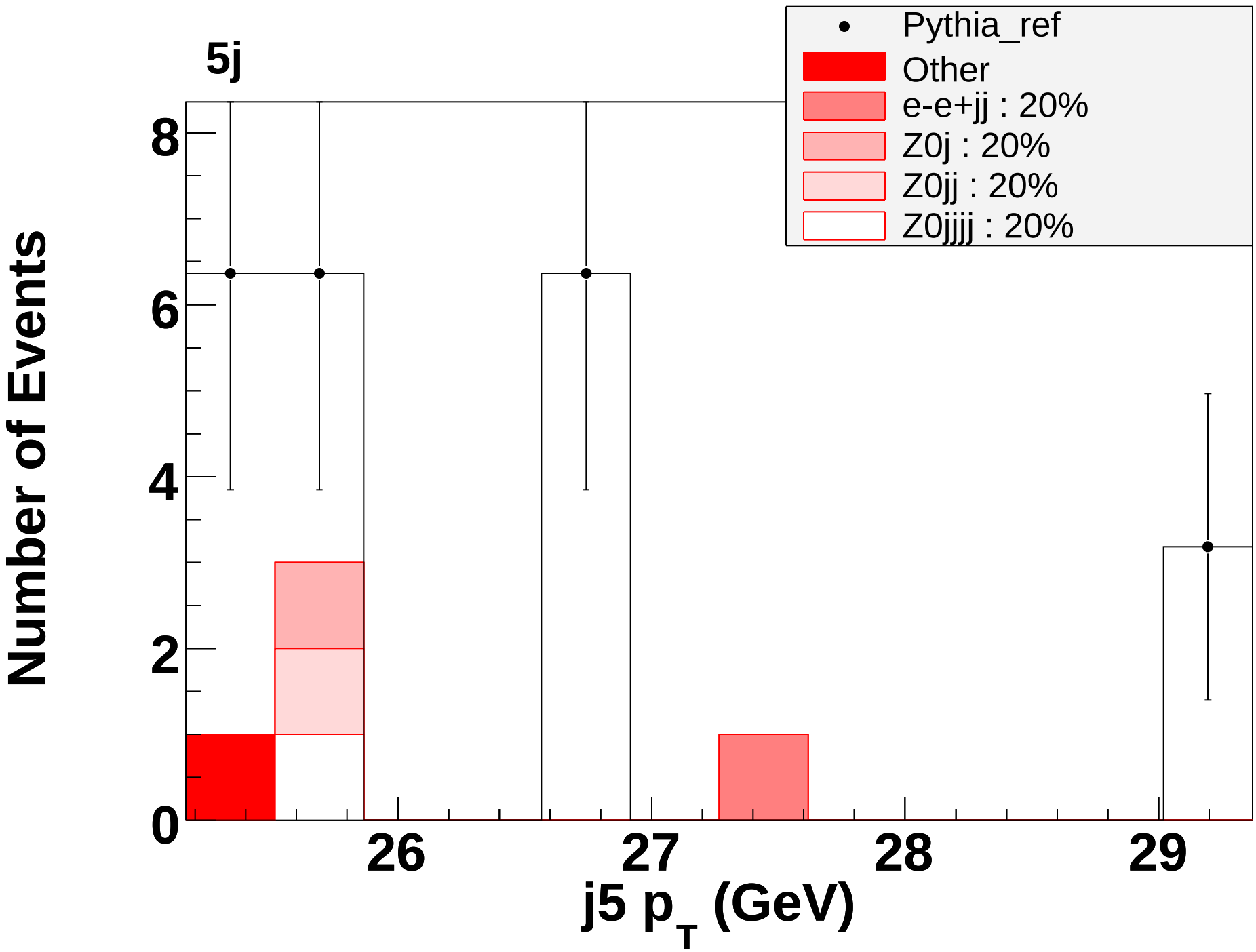

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
200
400
600
800
M(j1,j2,j4) (GeV)

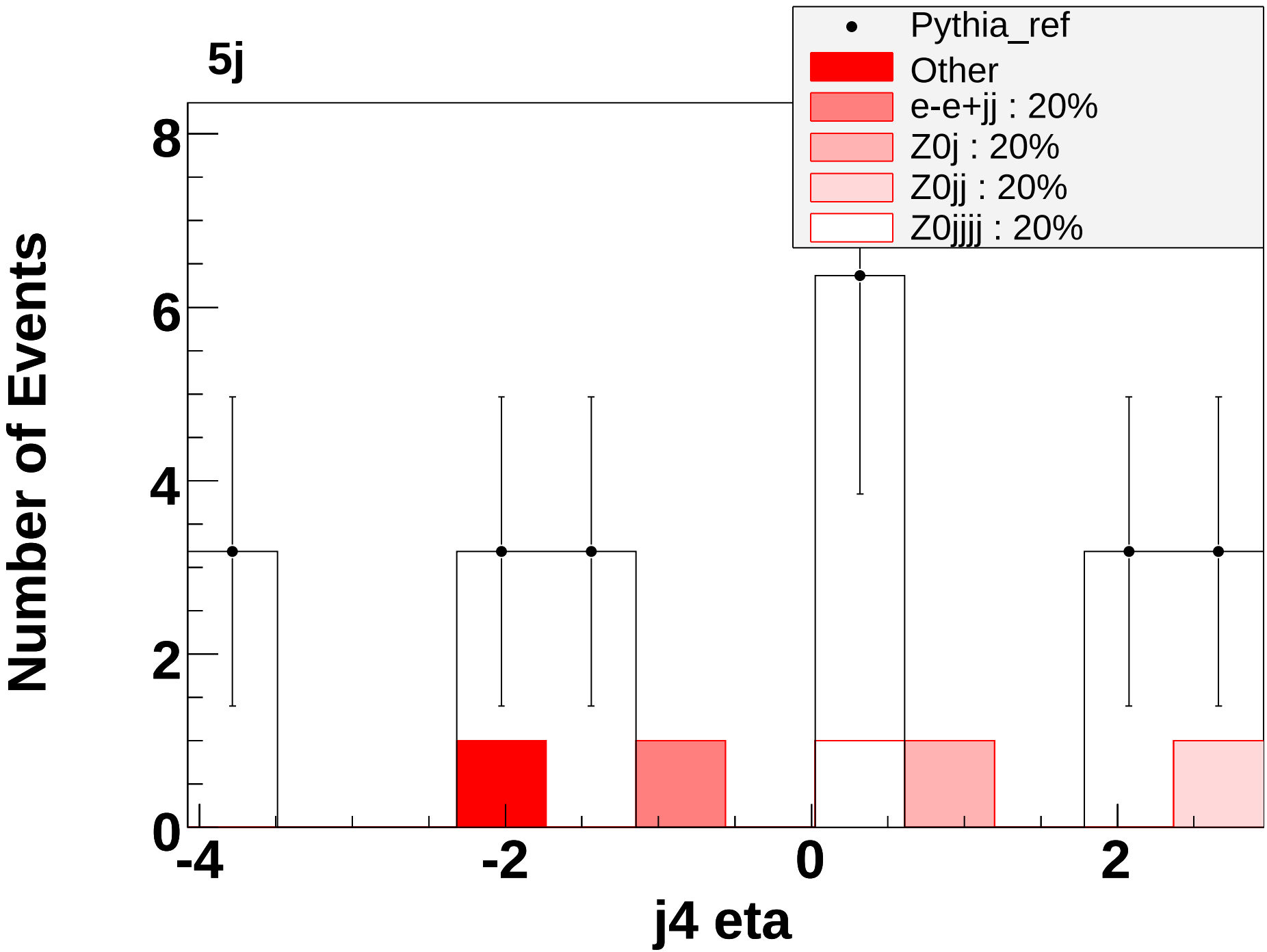

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
0
1
2
3
Δϕ(j3,j4) (radians)

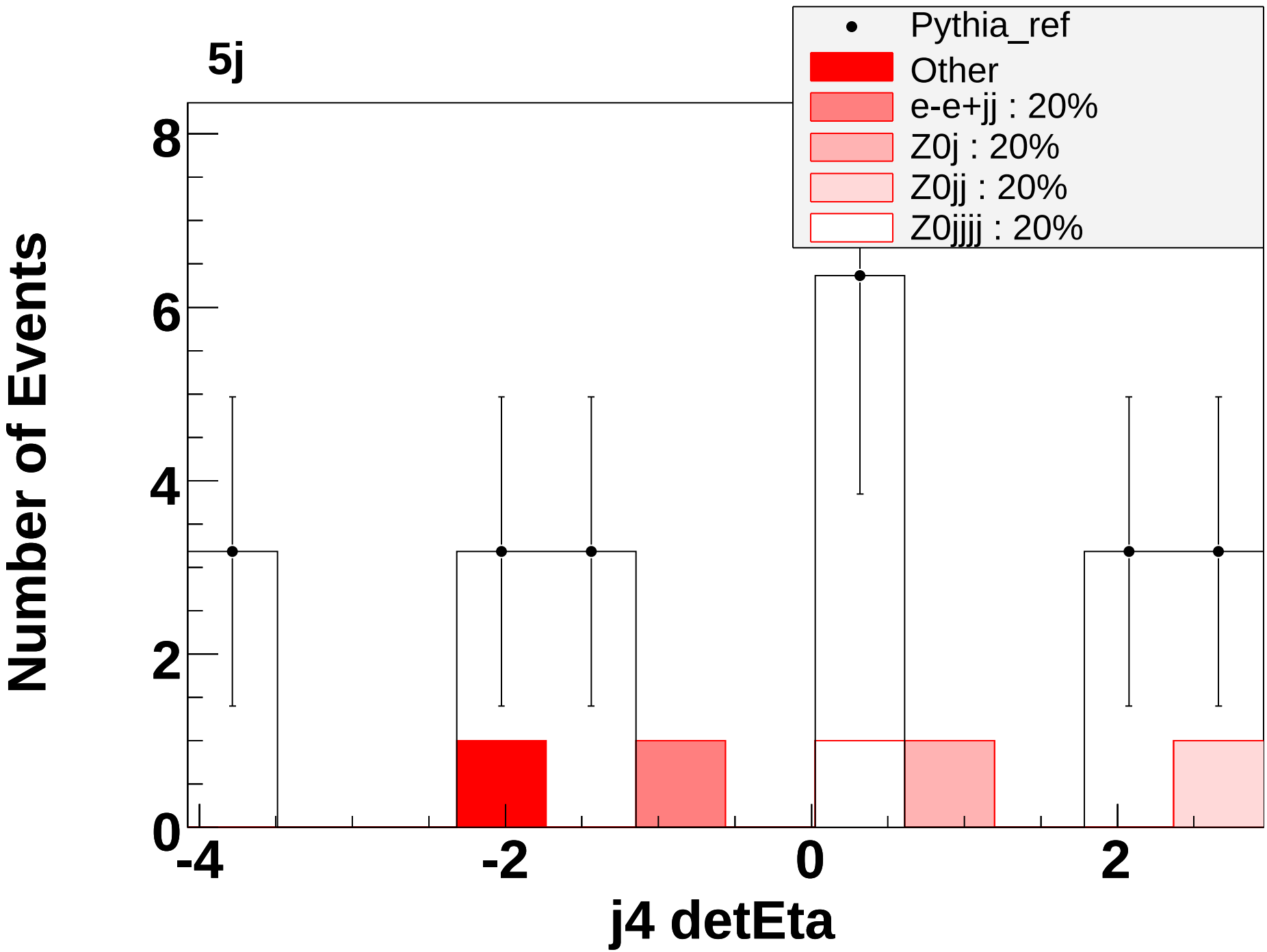

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
15
0
500
1000
M(j3,j5) (GeV)

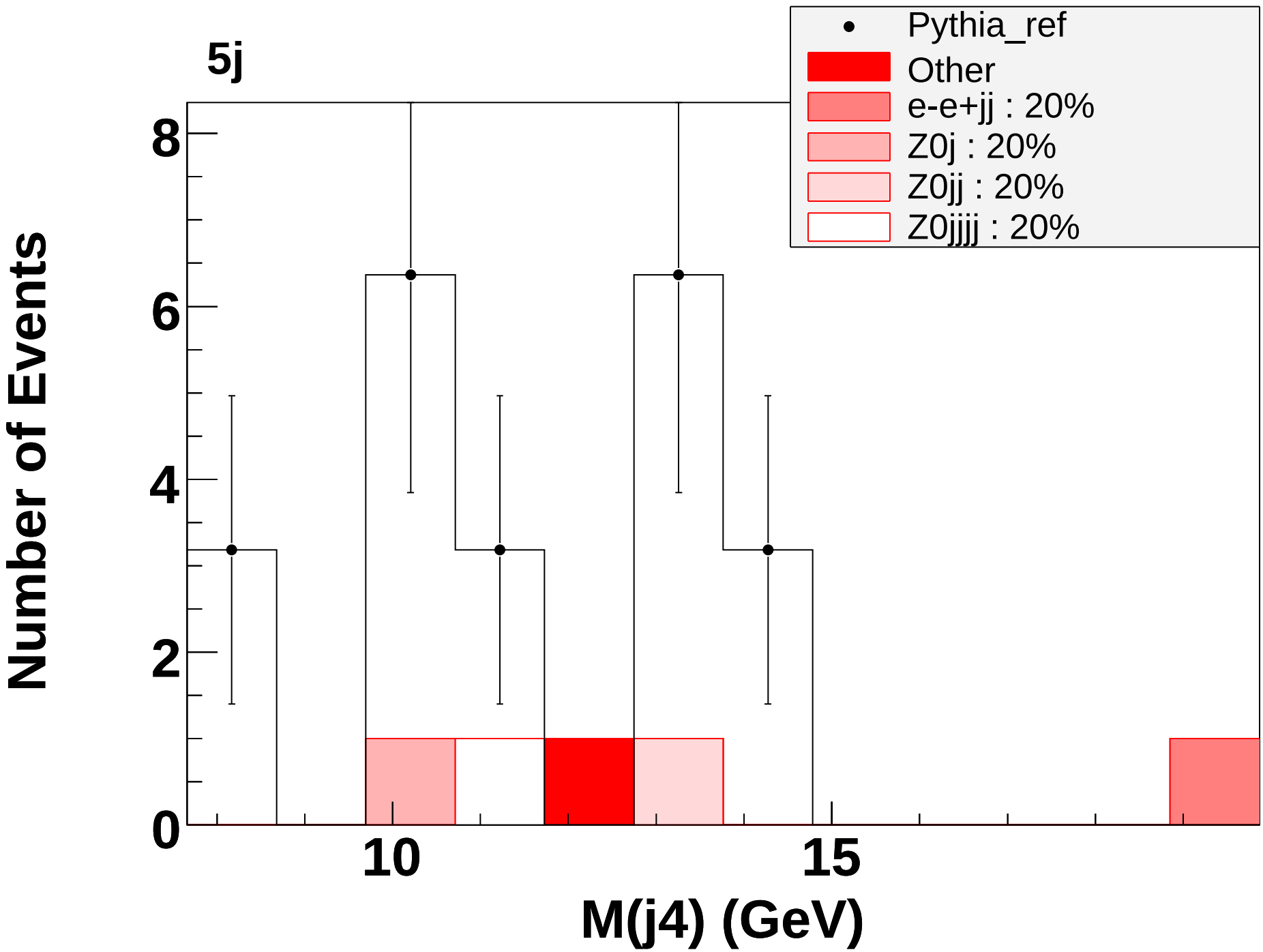

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
2
4
6
ΔR(j3,j5)

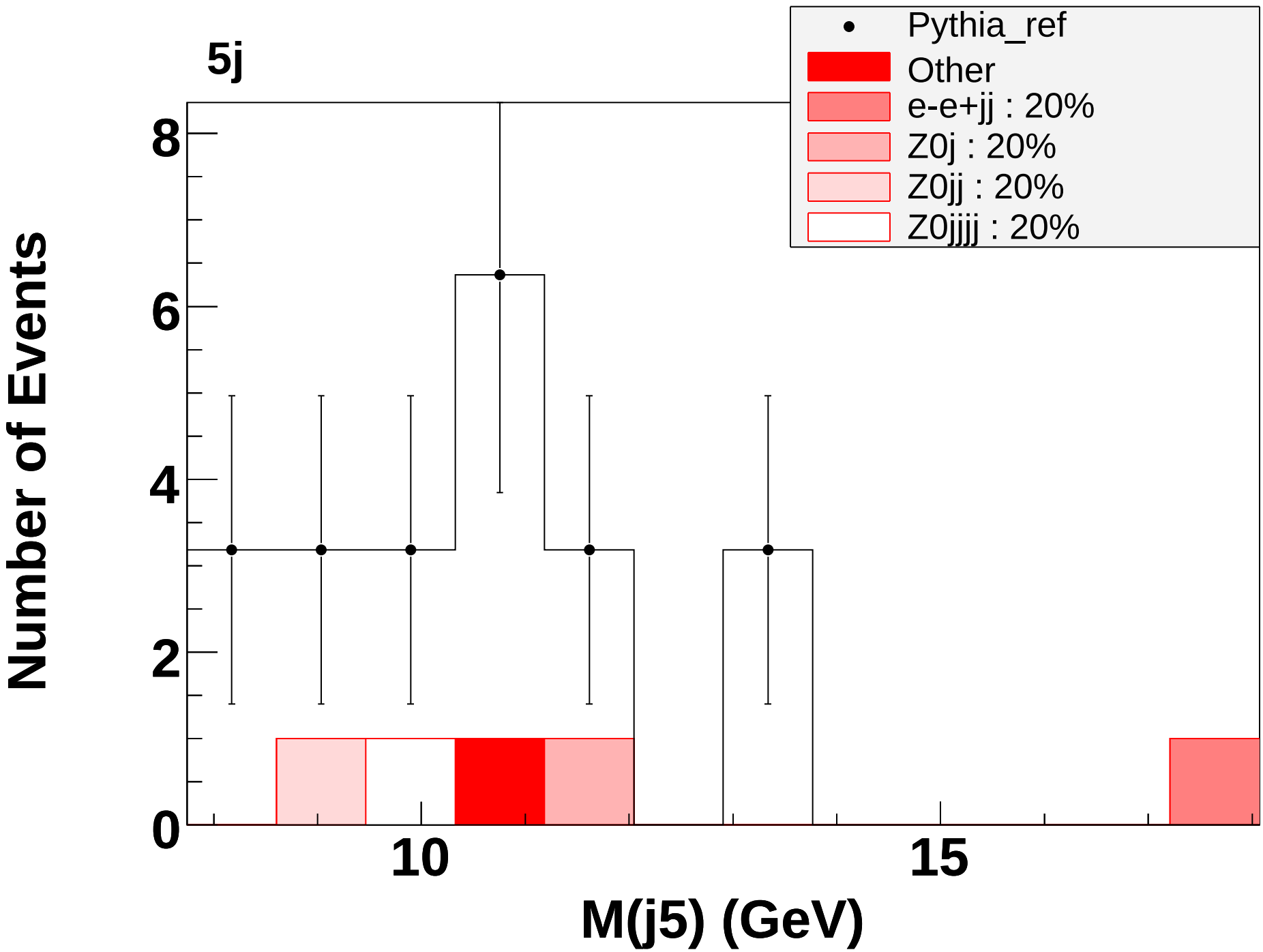

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
10
15
M(j3) (GeV)

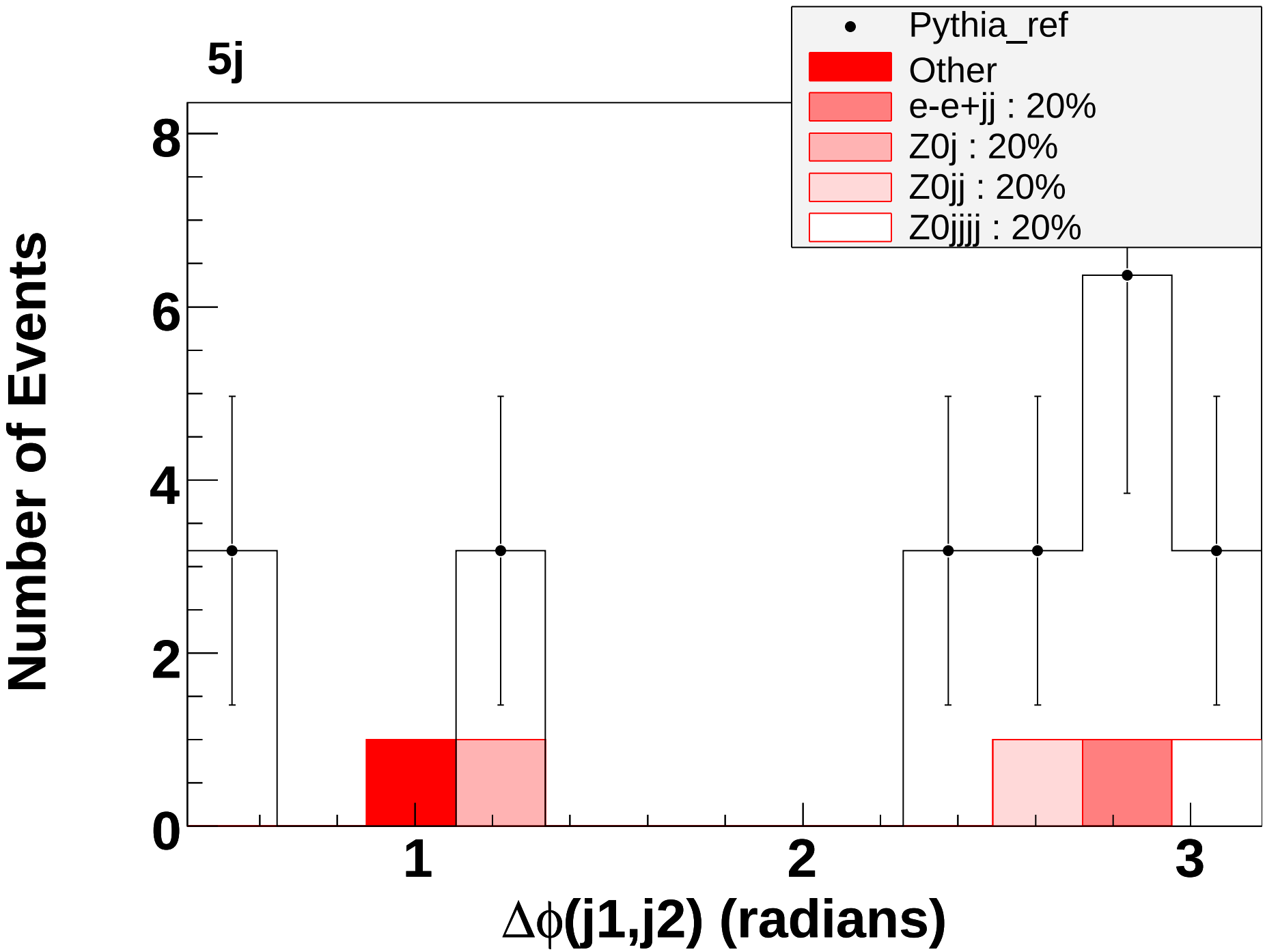

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
26
27
28
29
j5 p_T (GeV)

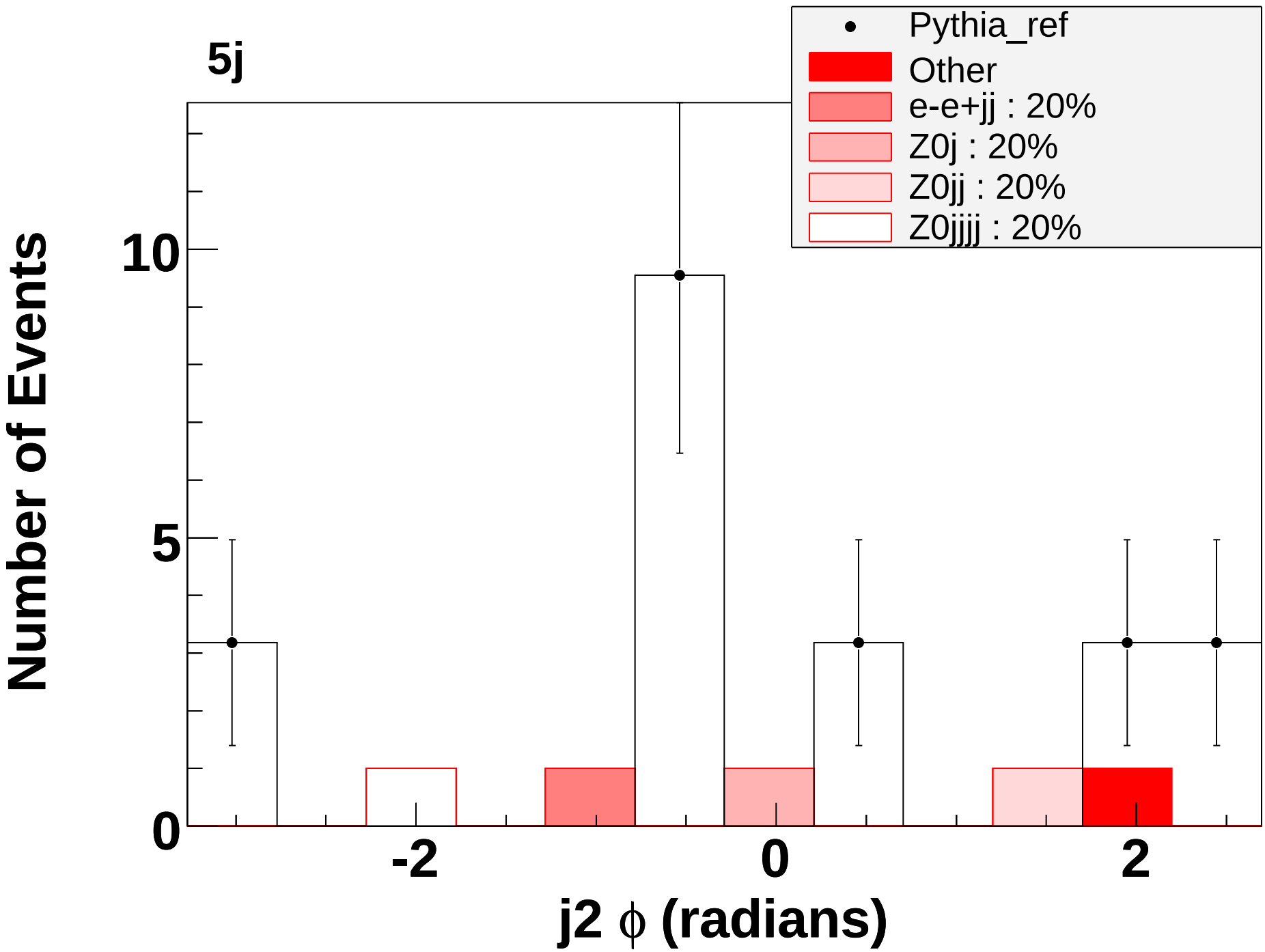

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
-4
-2
0
2
j4 eta

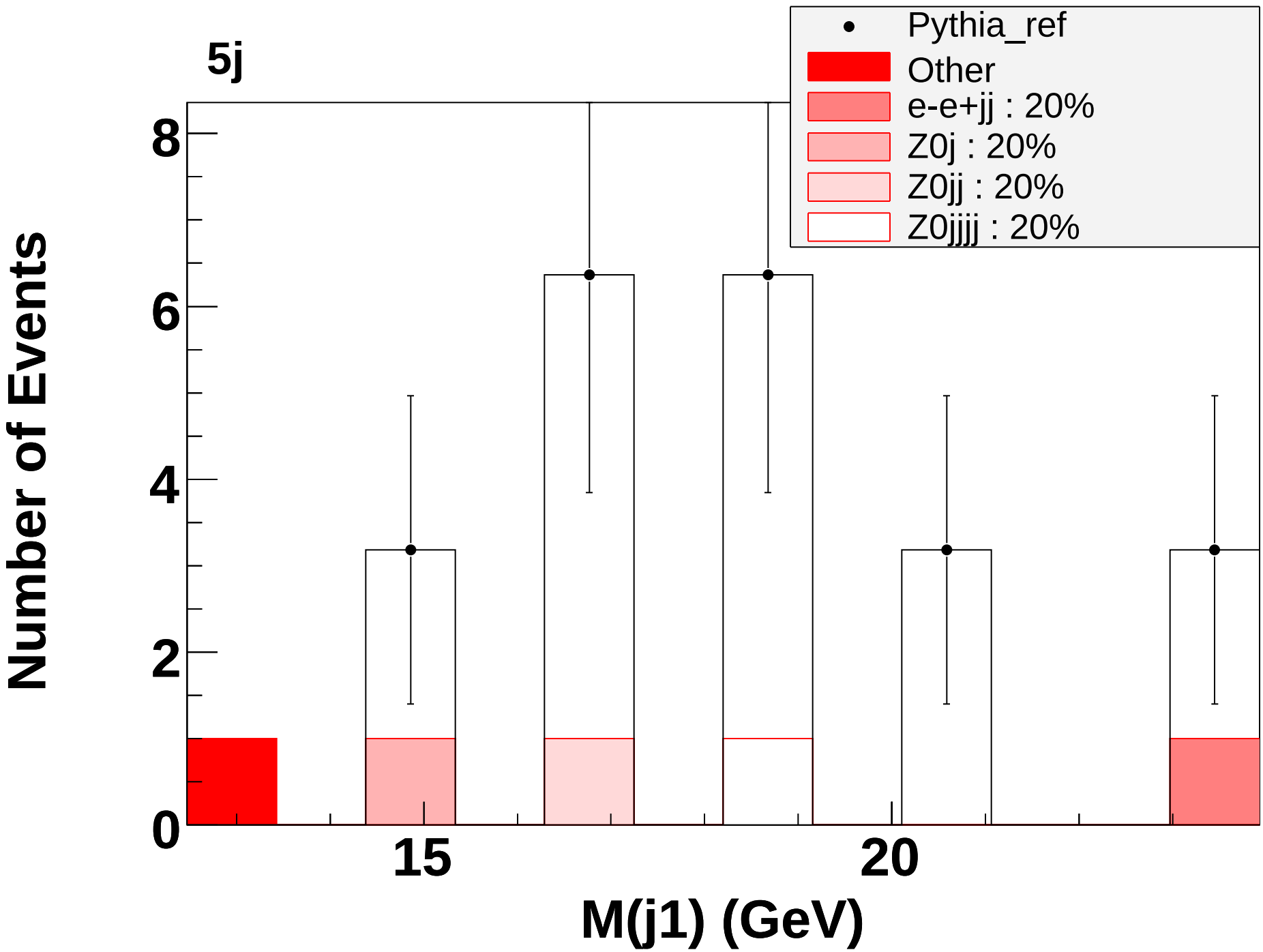

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
-4
-2
0
2
j4 detEta

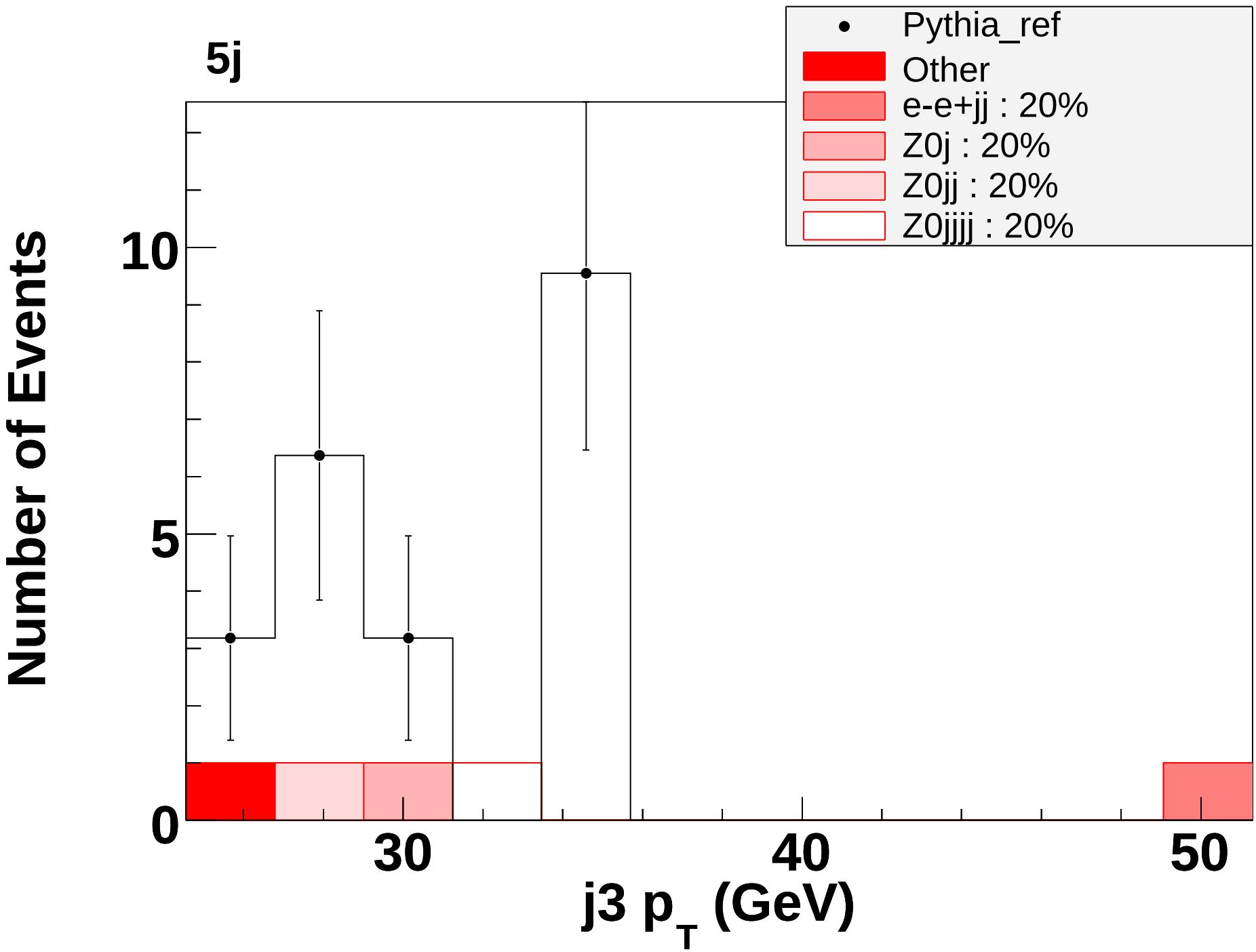

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
10
15
M(j4) (GeV)

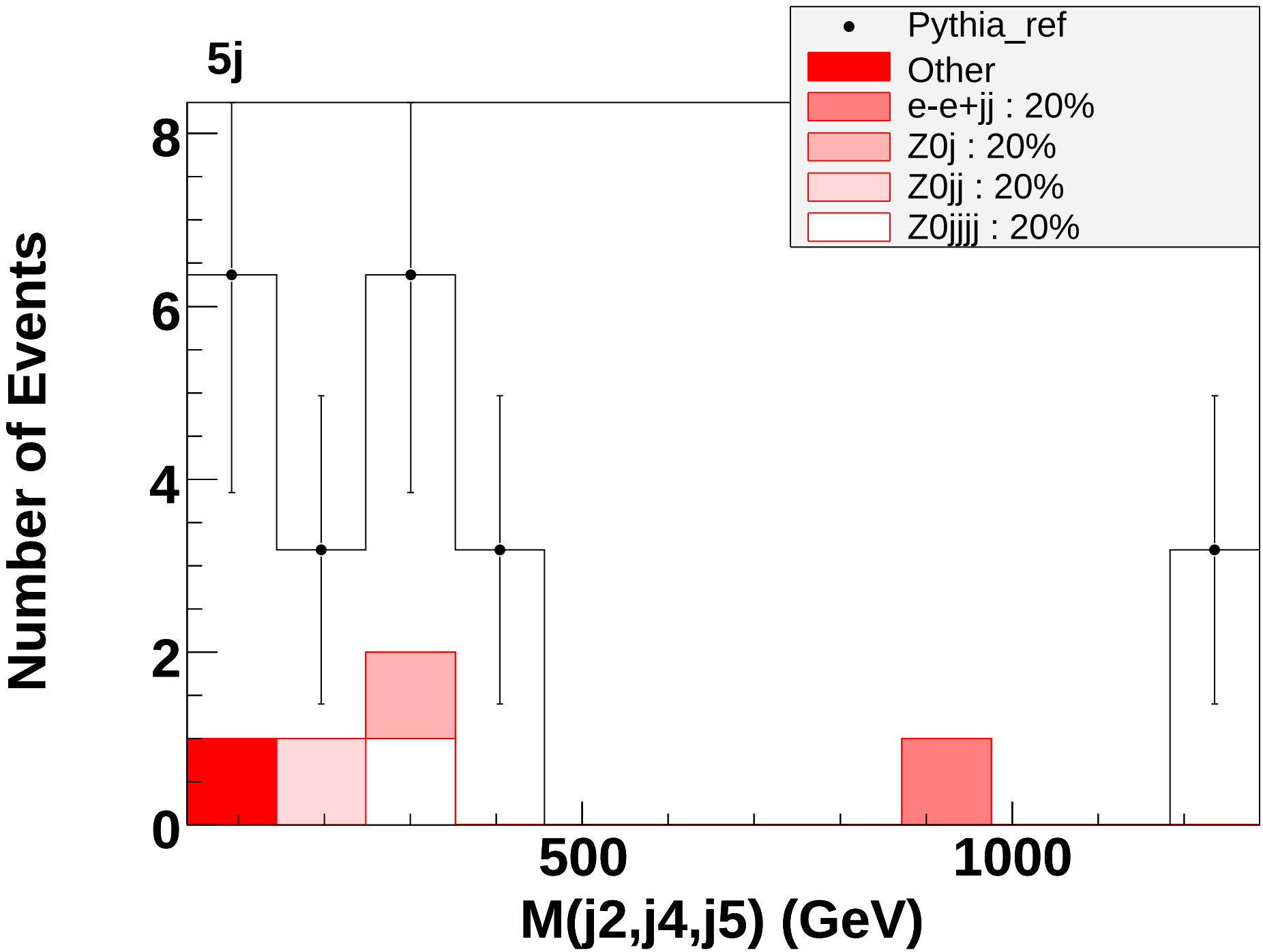

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
10
15
M(j5) (GeV)

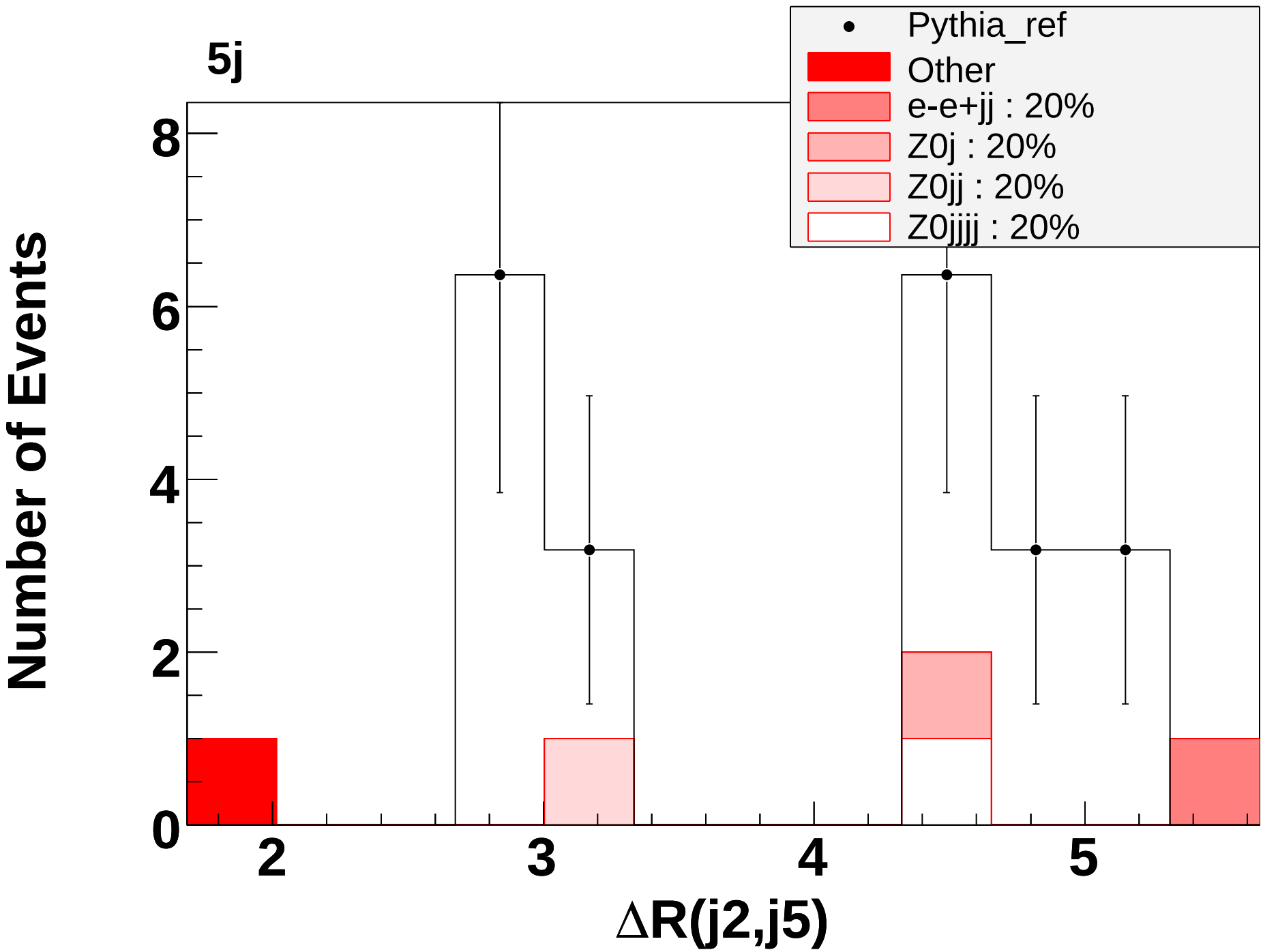

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
1
2
3
Δϕ(j1,j2) (radians)

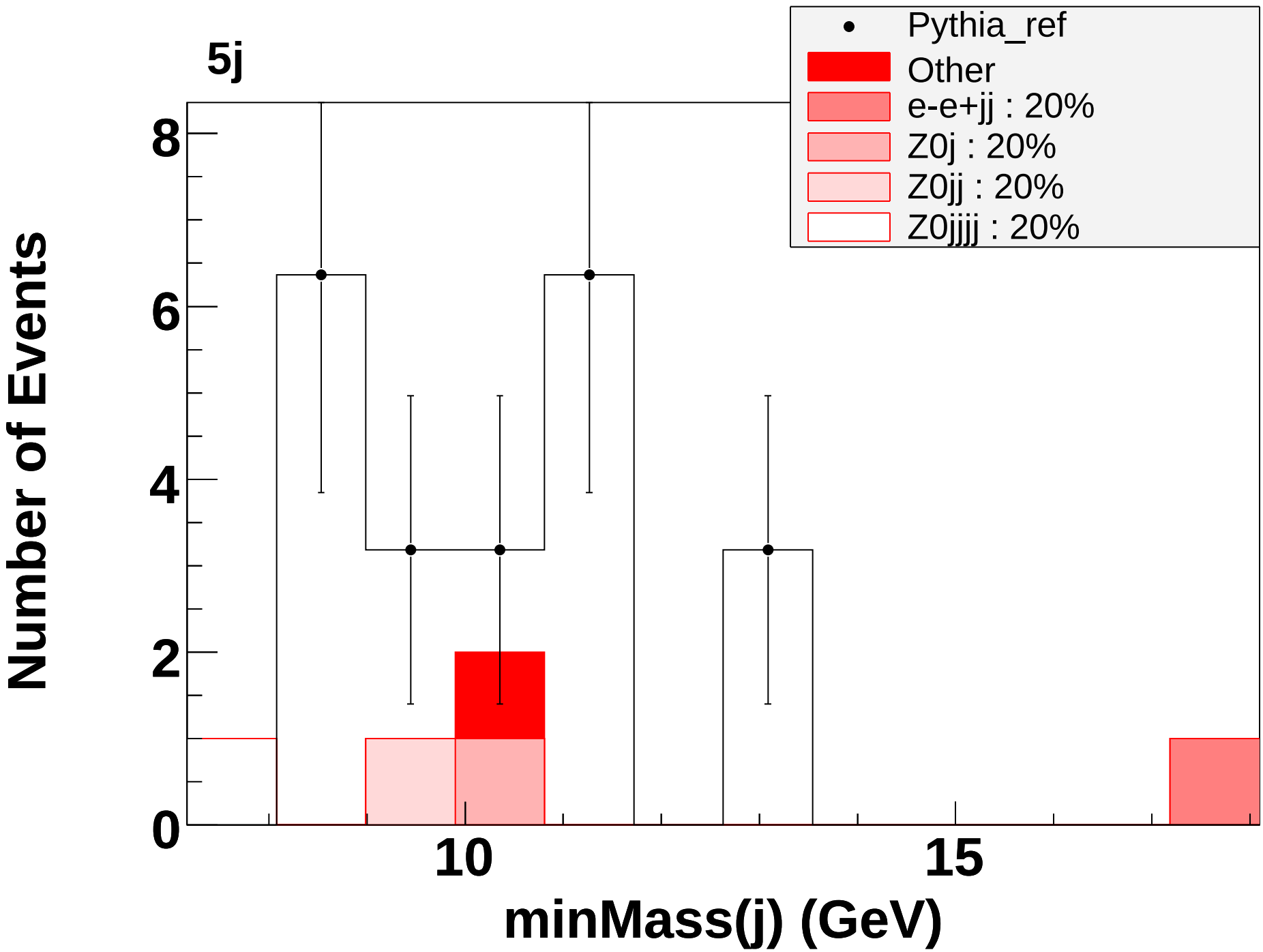

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
-2
0
2
j2 ϕ (radians)

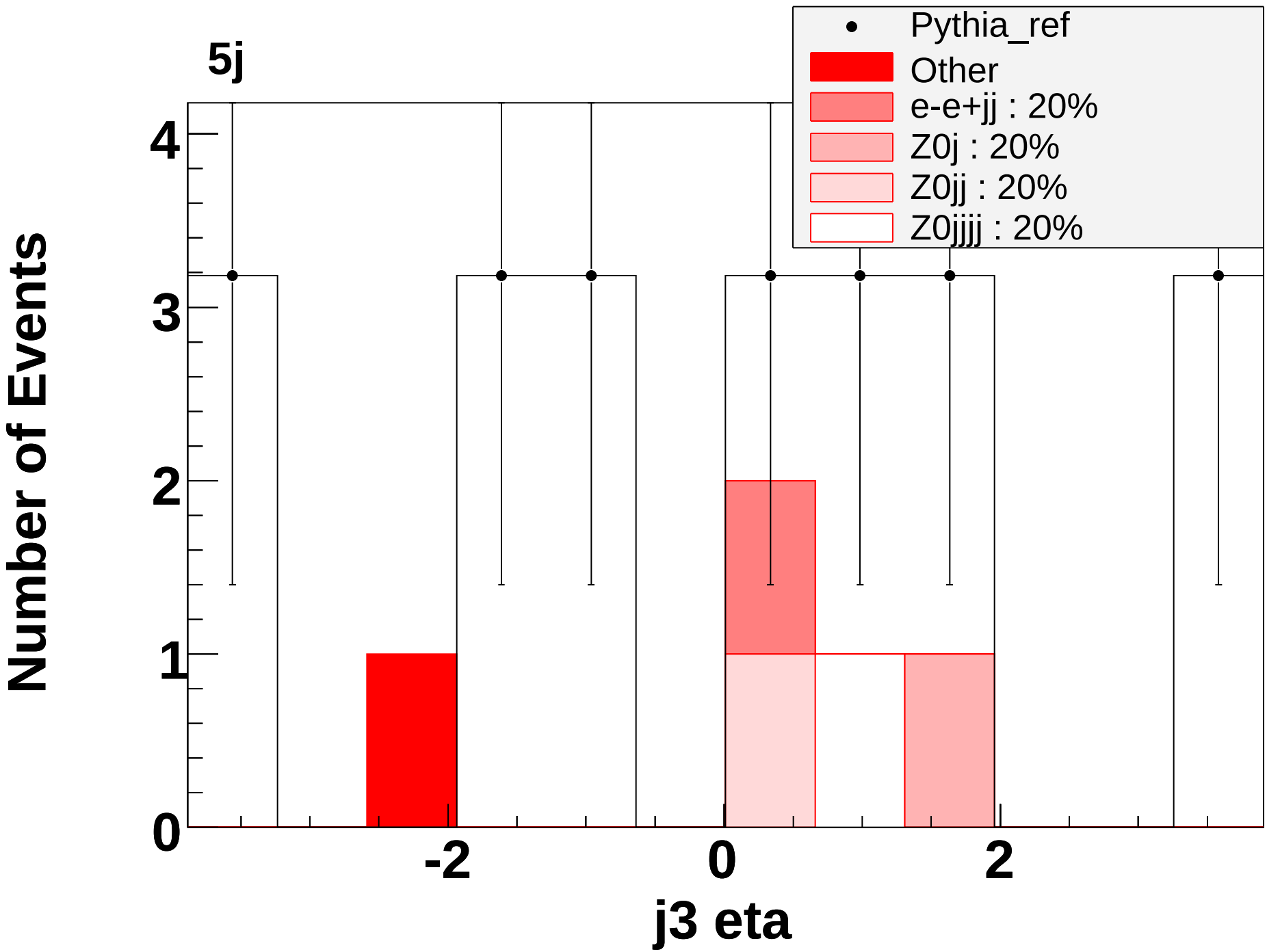

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
15
20
M(j1) (GeV)

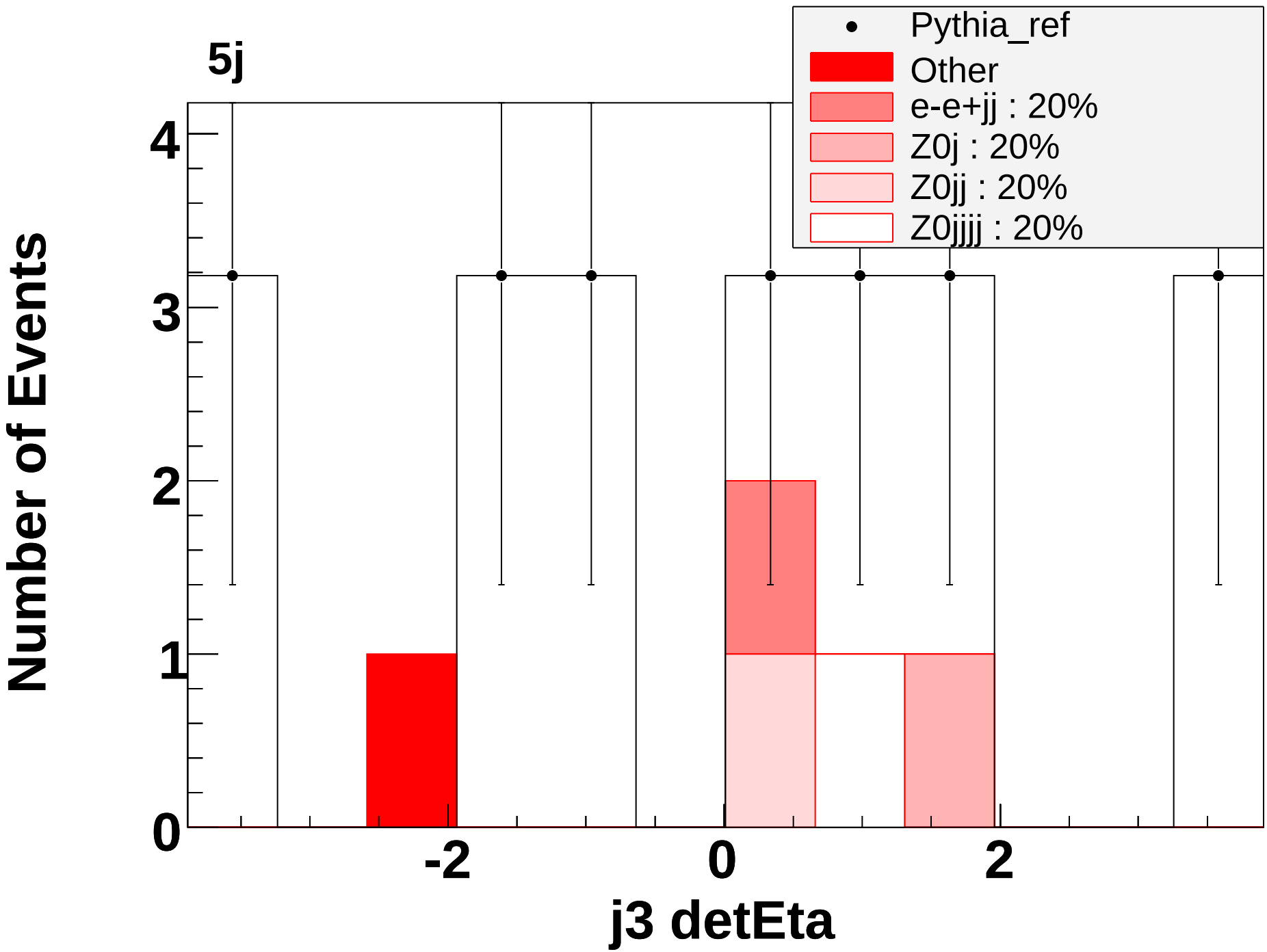

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
30
40
50
j3 p_T (GeV)

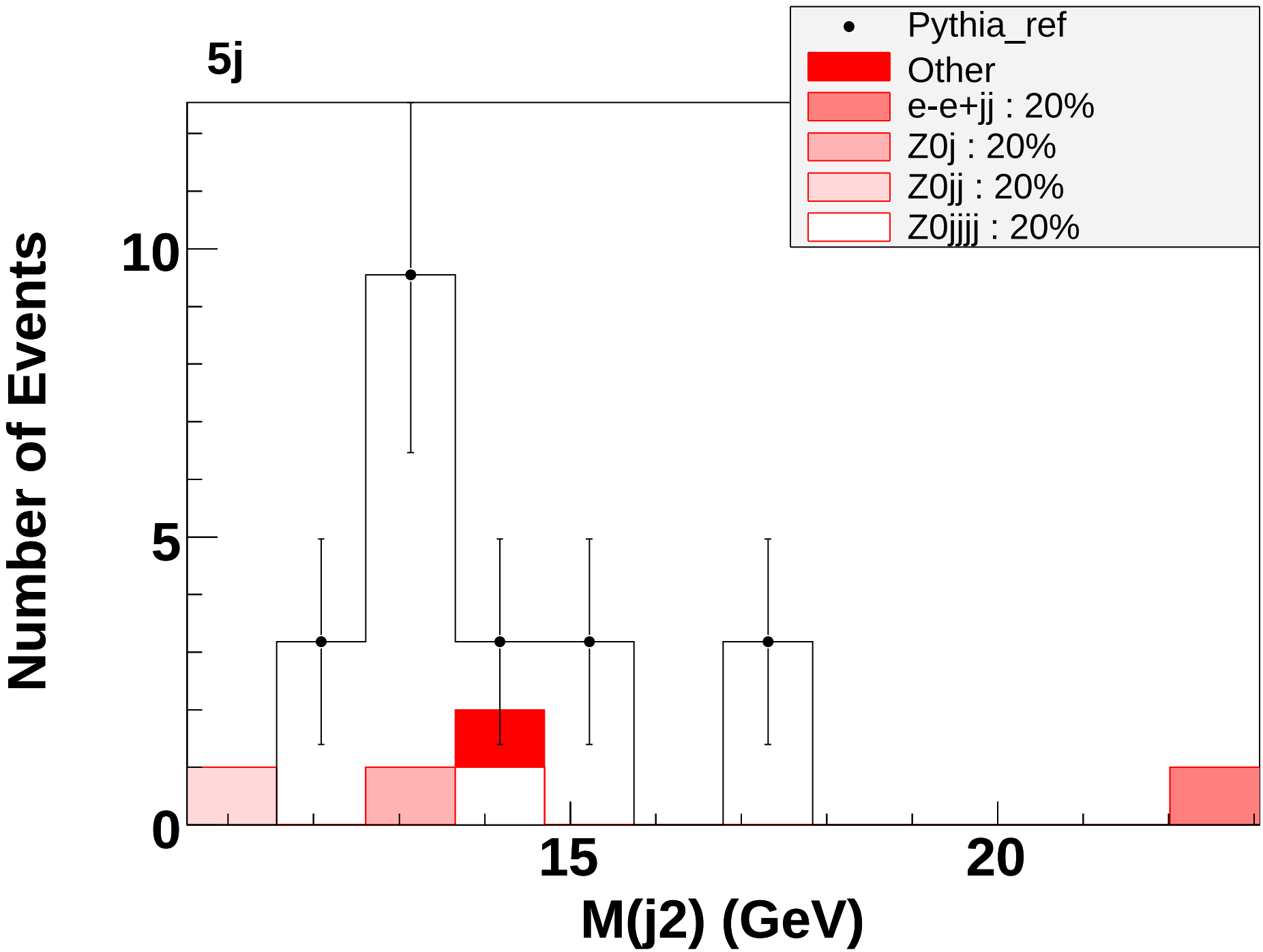

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
500
1000
M(j2,j4,j5) (GeV)

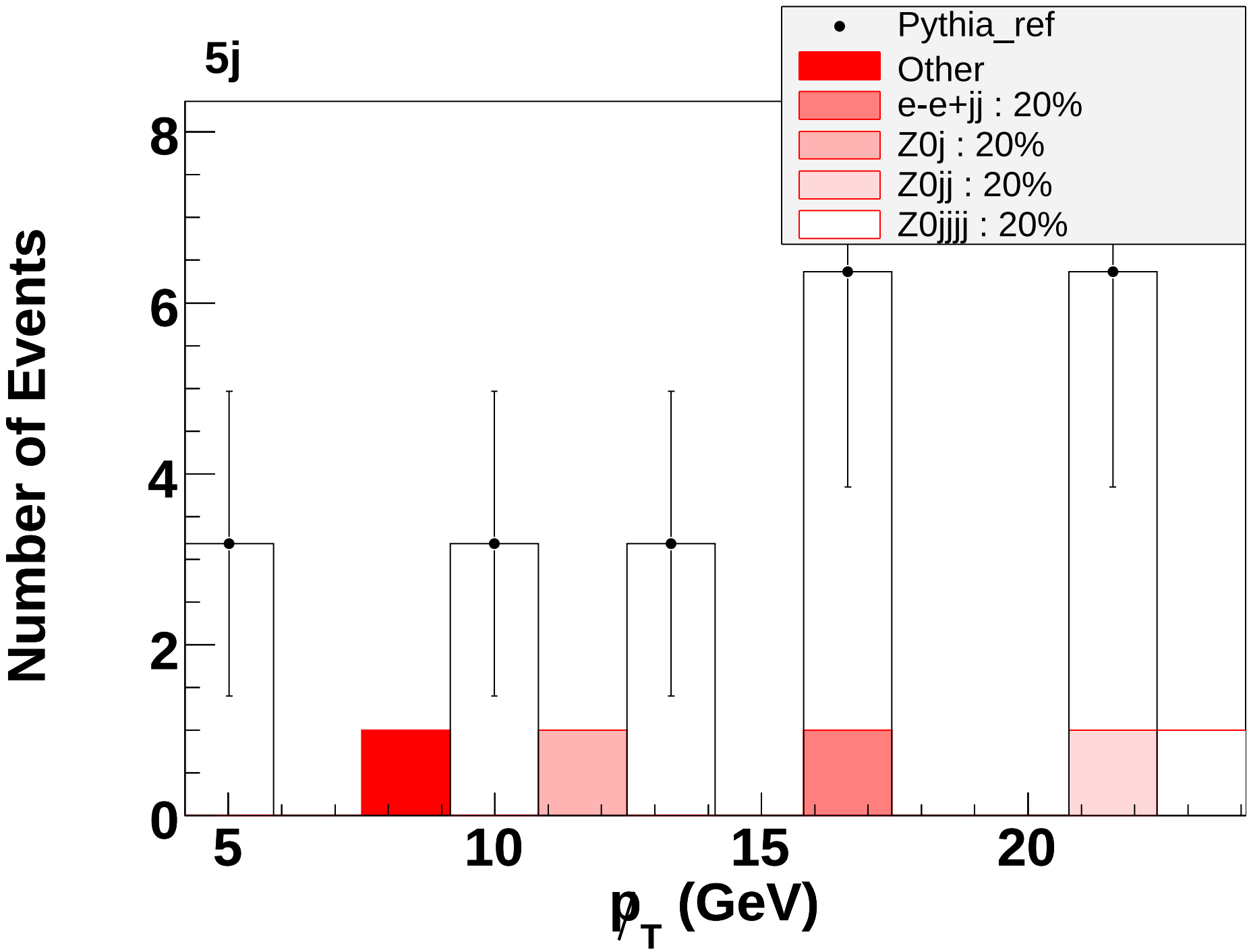

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
2
3
4
5
ΔR(j2,j5)

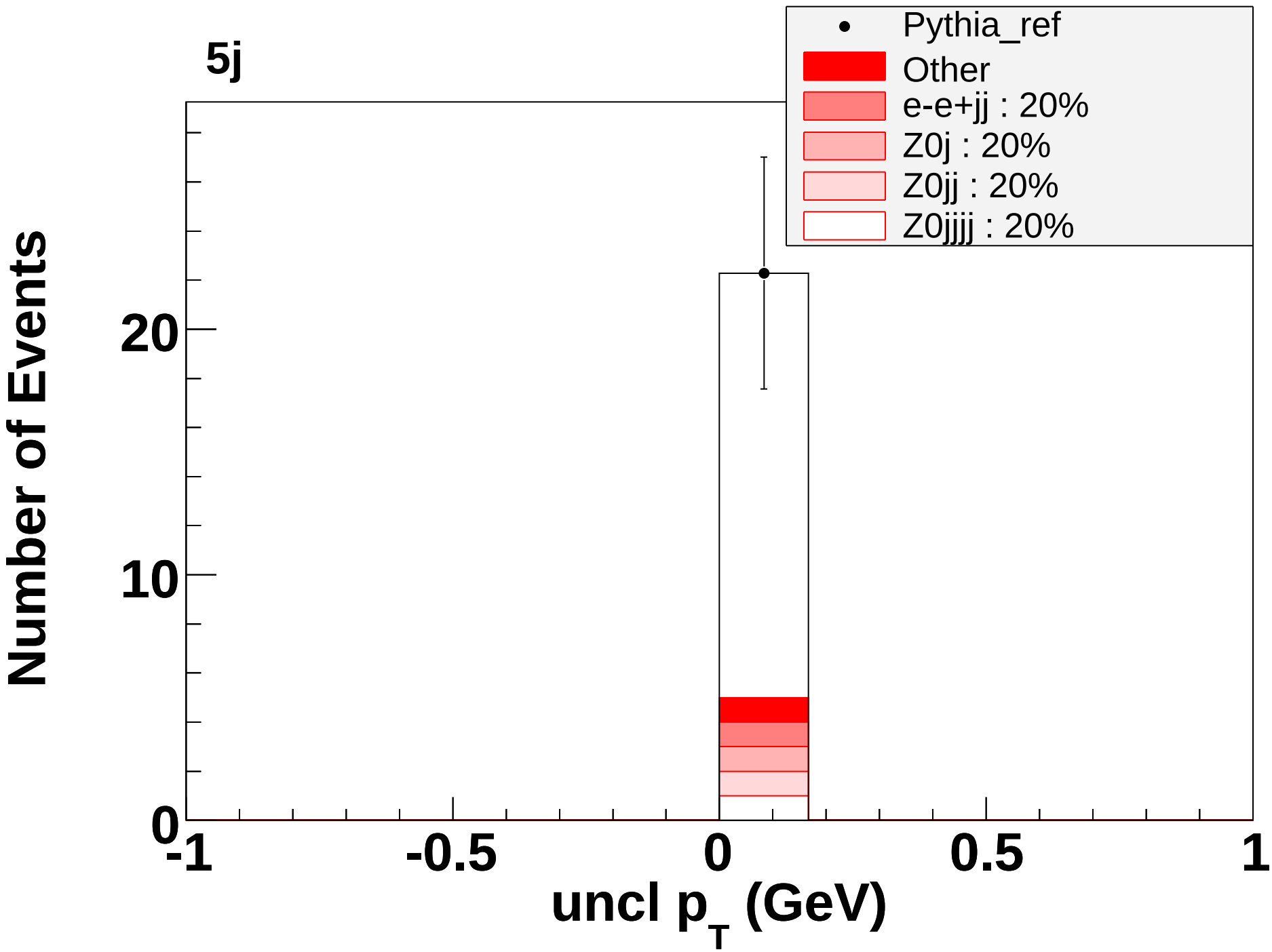

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
10
15
minMass(j) (GeV)

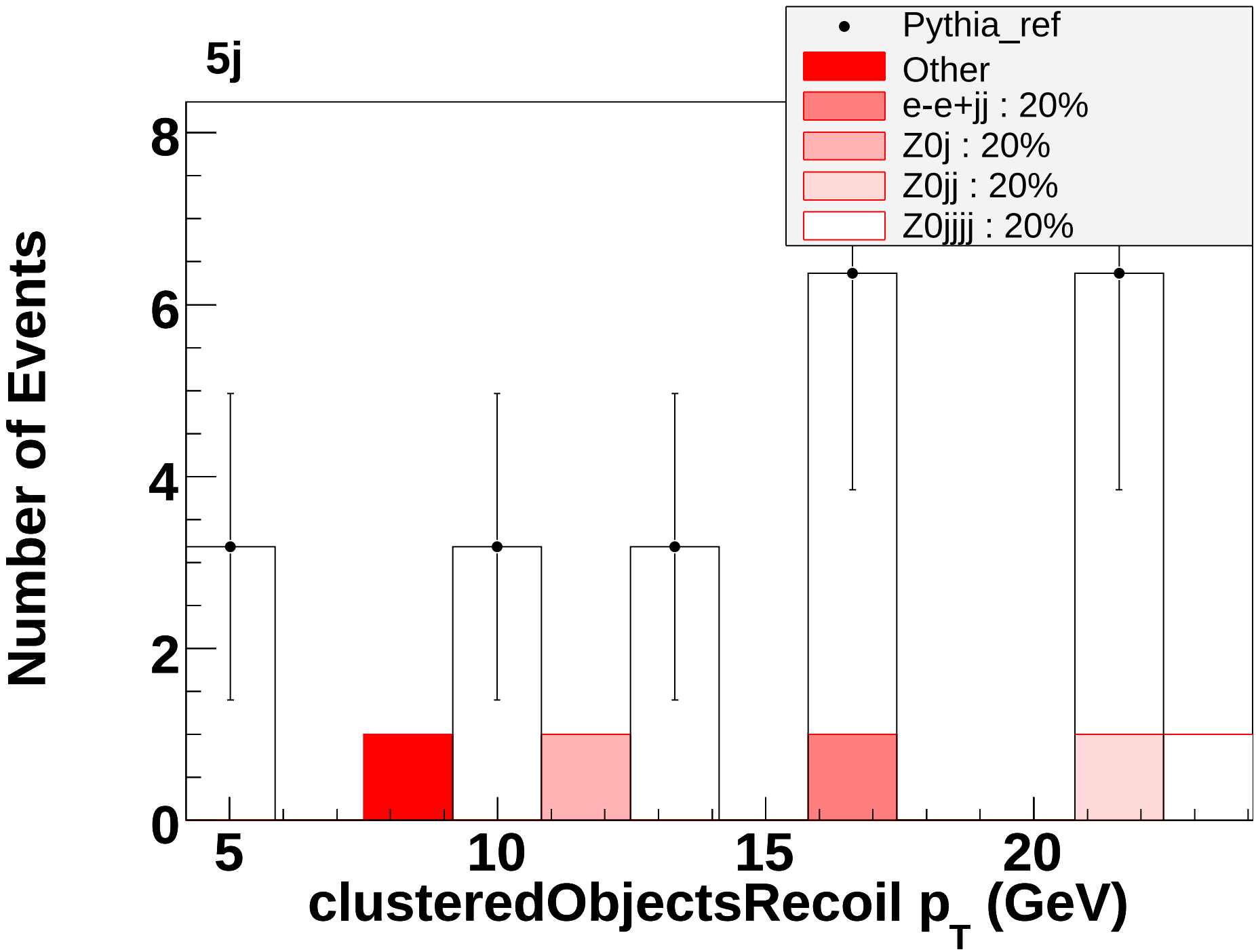

5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
1
2
3
4
-2
0
2
j3 eta


5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
1
2
3
4
-2
0
2
j3 detEta


5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
5
10
15
20
M(j2) (GeV)


5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
5
10
15
20
p_T (GeV)


5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
10
20
-1
-0.5
0
0.5
1
uncl p_T (GeV)


5j
Pythia_ref
Other
e-e+jj : 20%
Z0j : 20%
Z0jj : 20%
Z0jjjj : 20%
Number of Events
0
2
4
6
8
5
10
15
20
clusteredObjectsRecoil p_T (GeV)