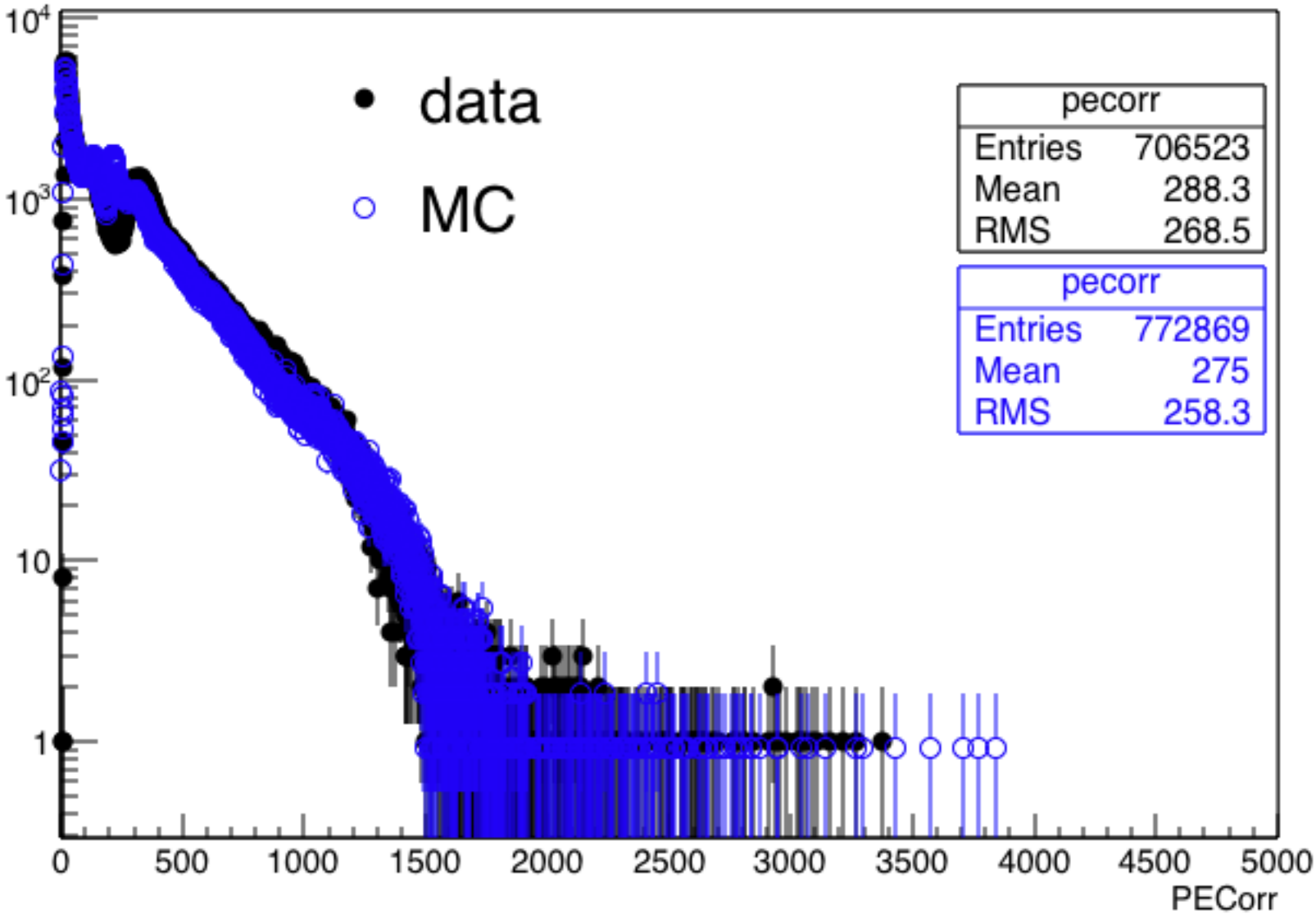
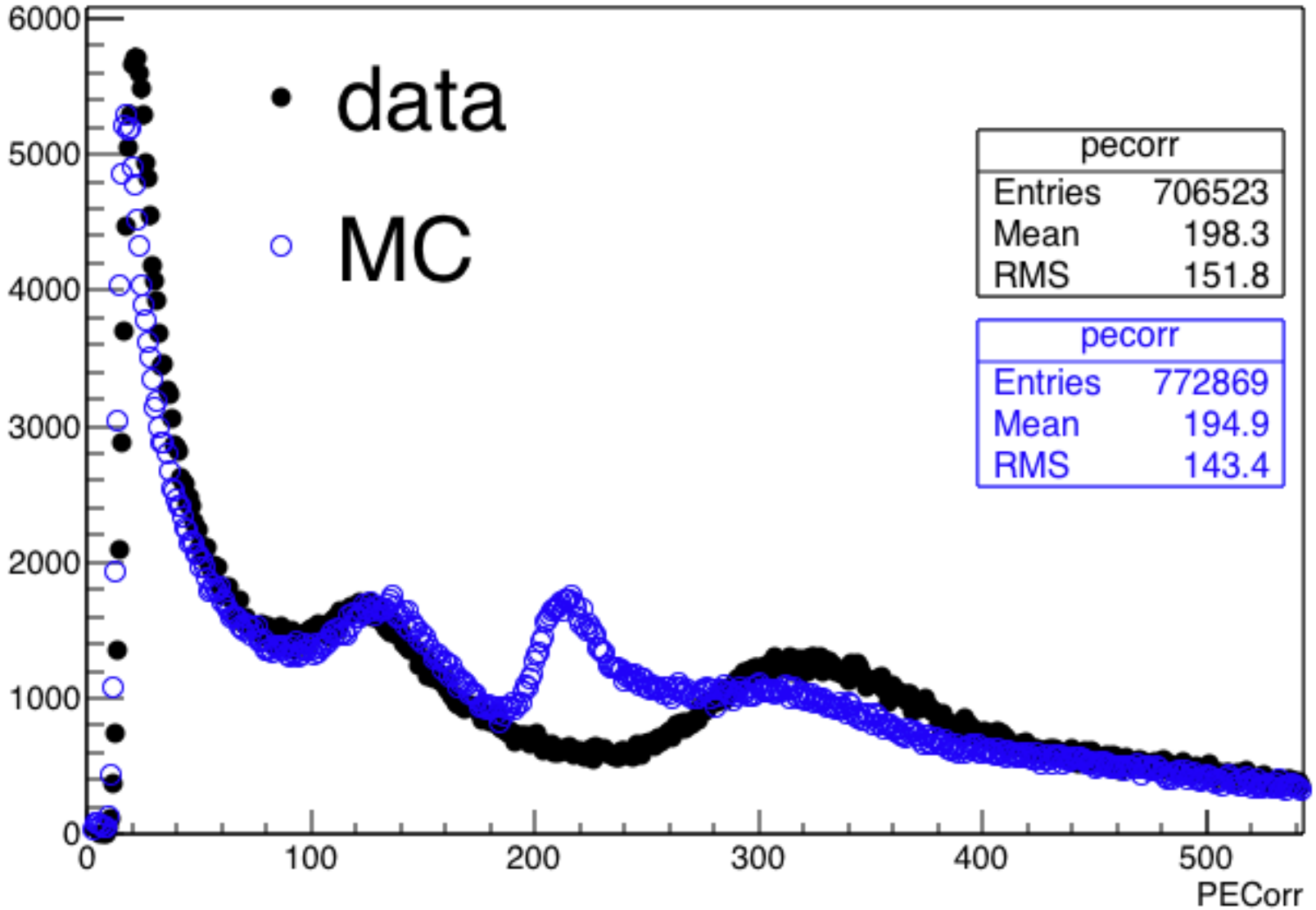
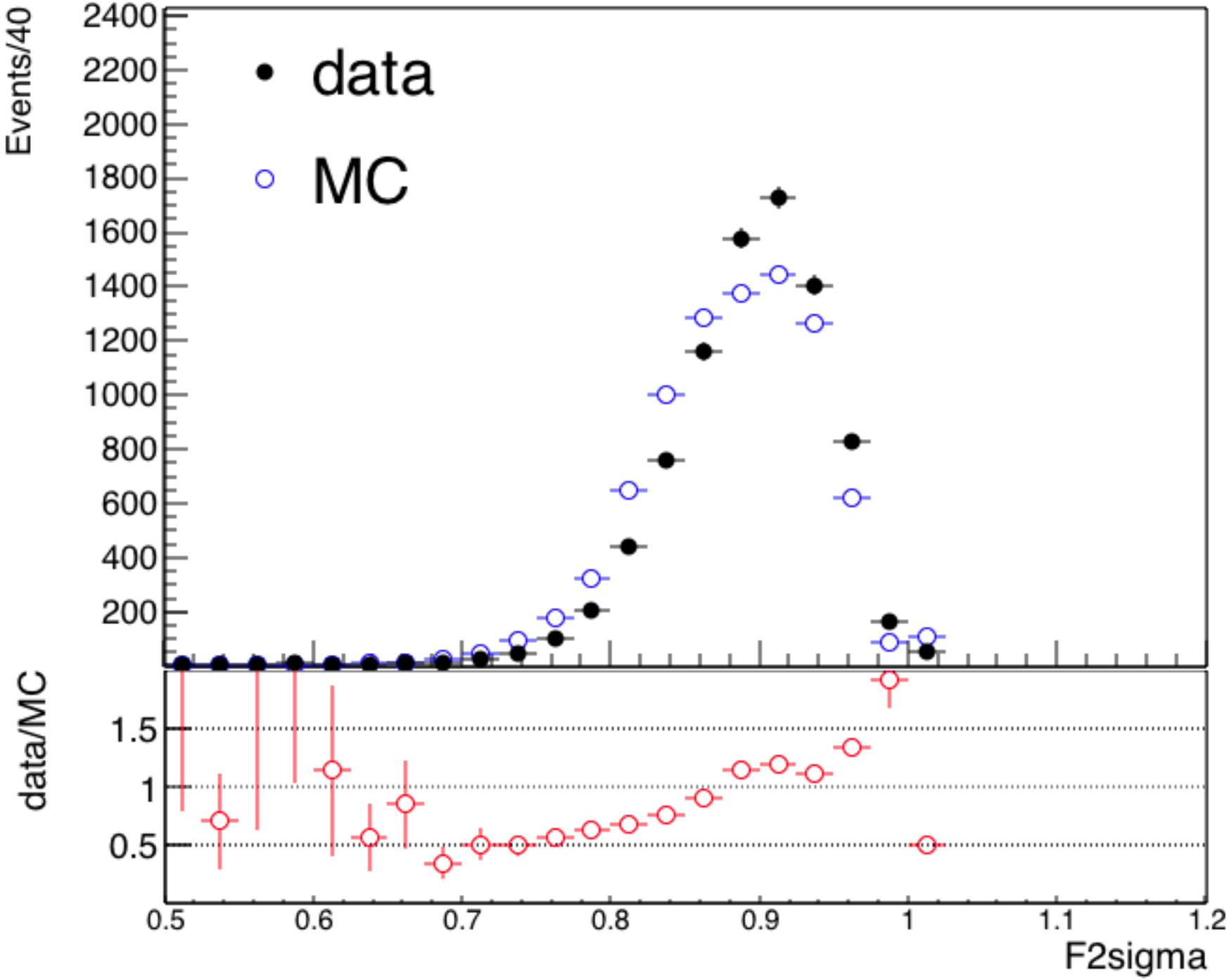
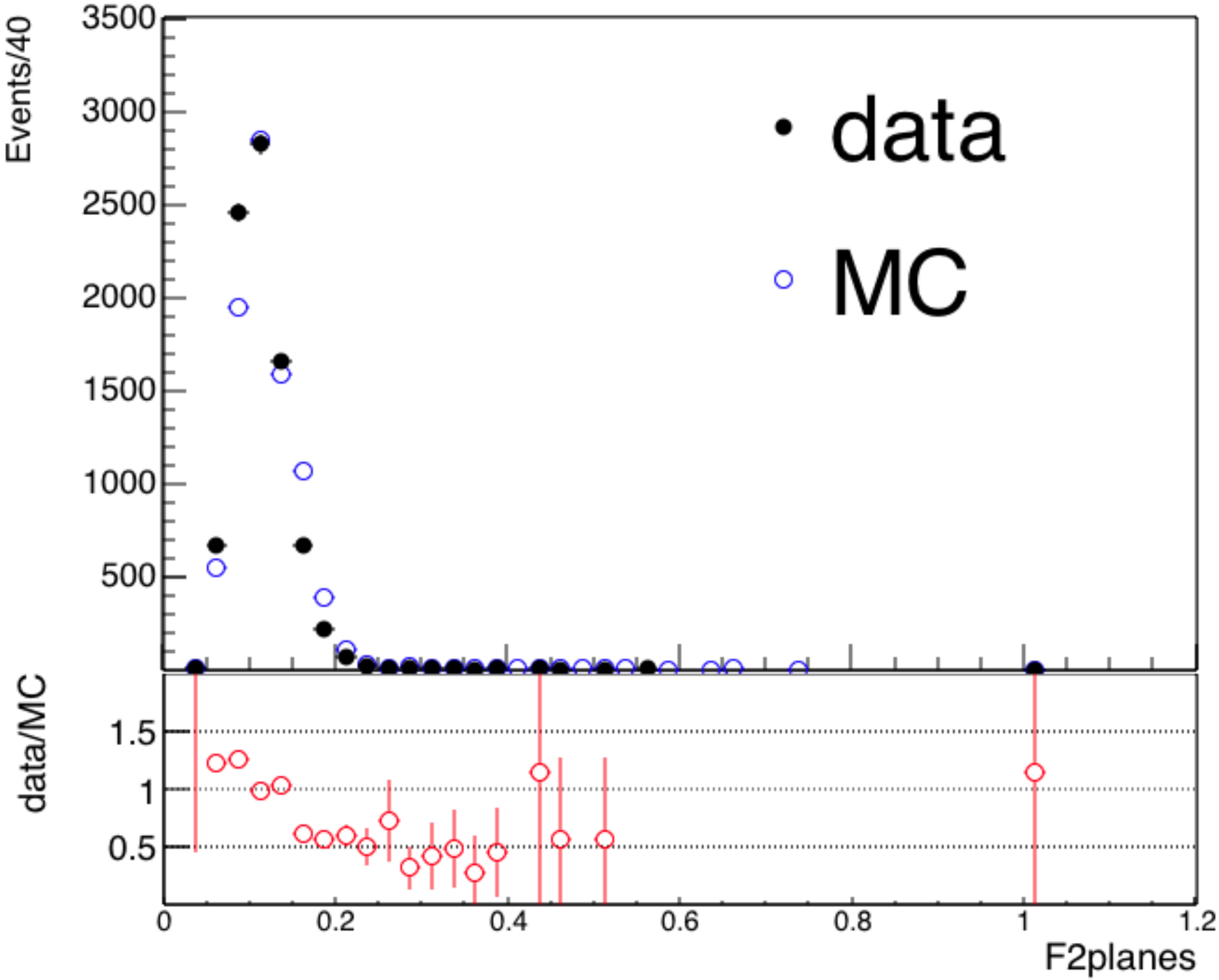
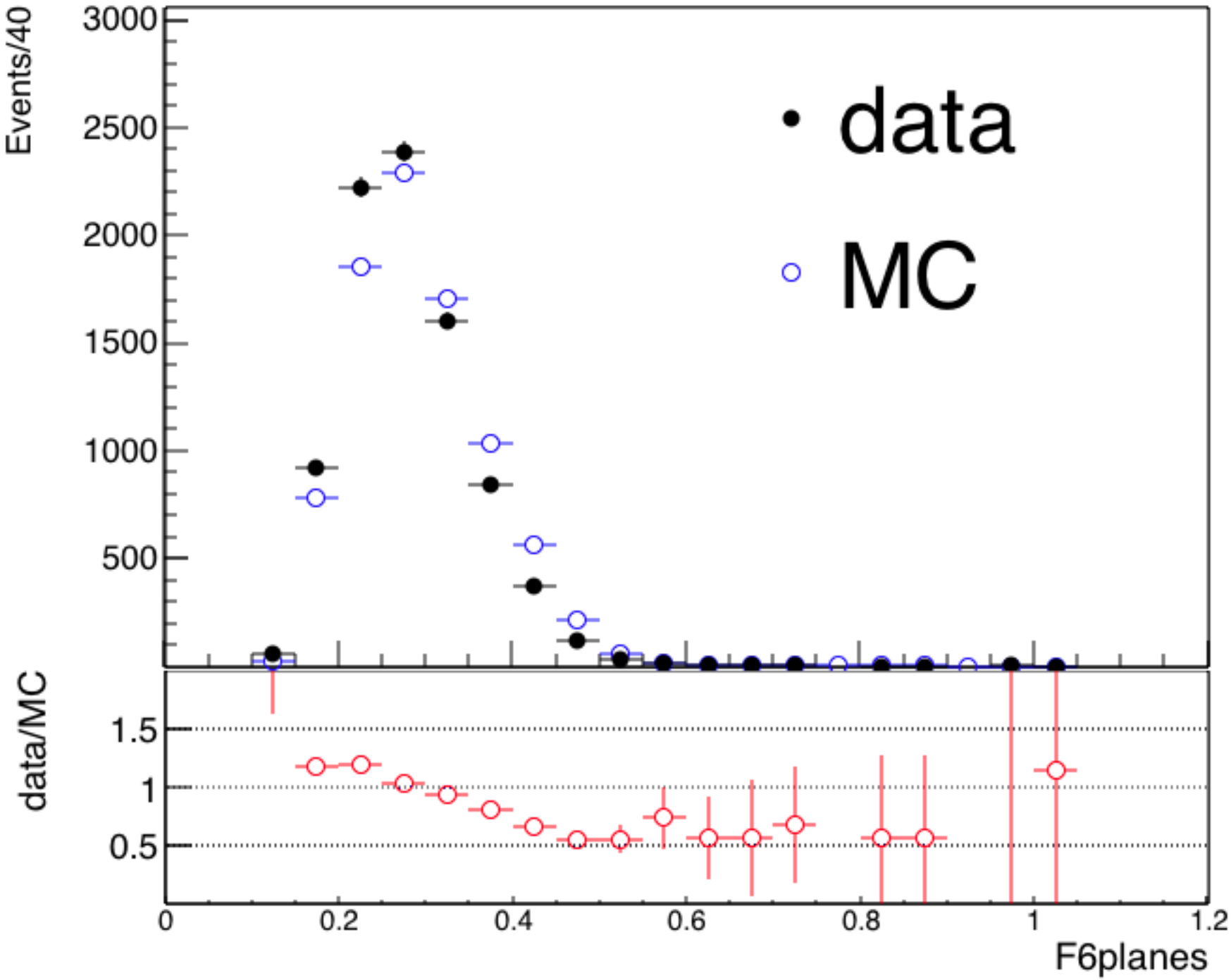
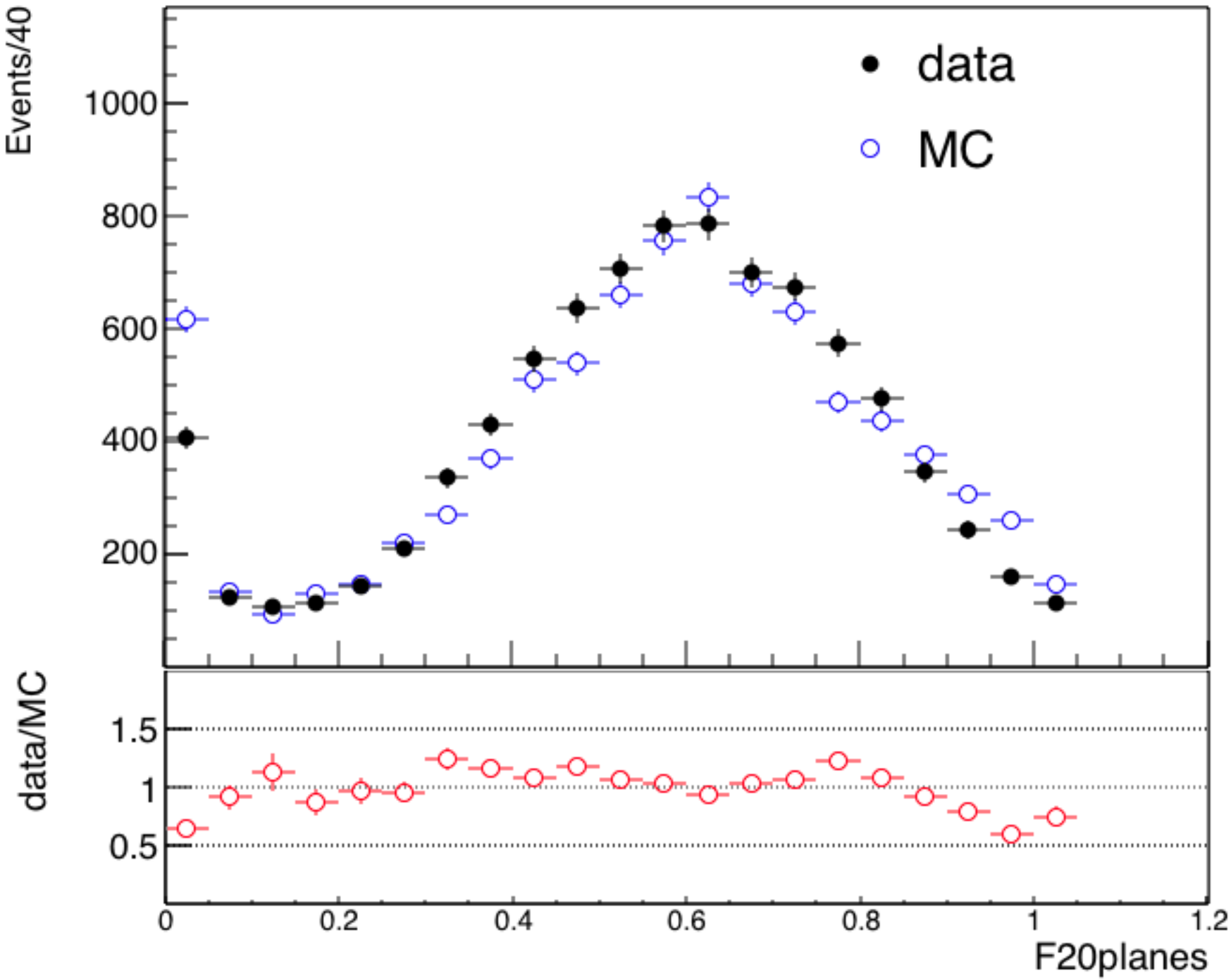

data
MC
pecorr
Entries 706523
Mean 288.3
RMS 268.5
pecorr
Entries 772869
Mean 275
RMS 258.3
10^4
10^3
10^2
10
1
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
PECorr

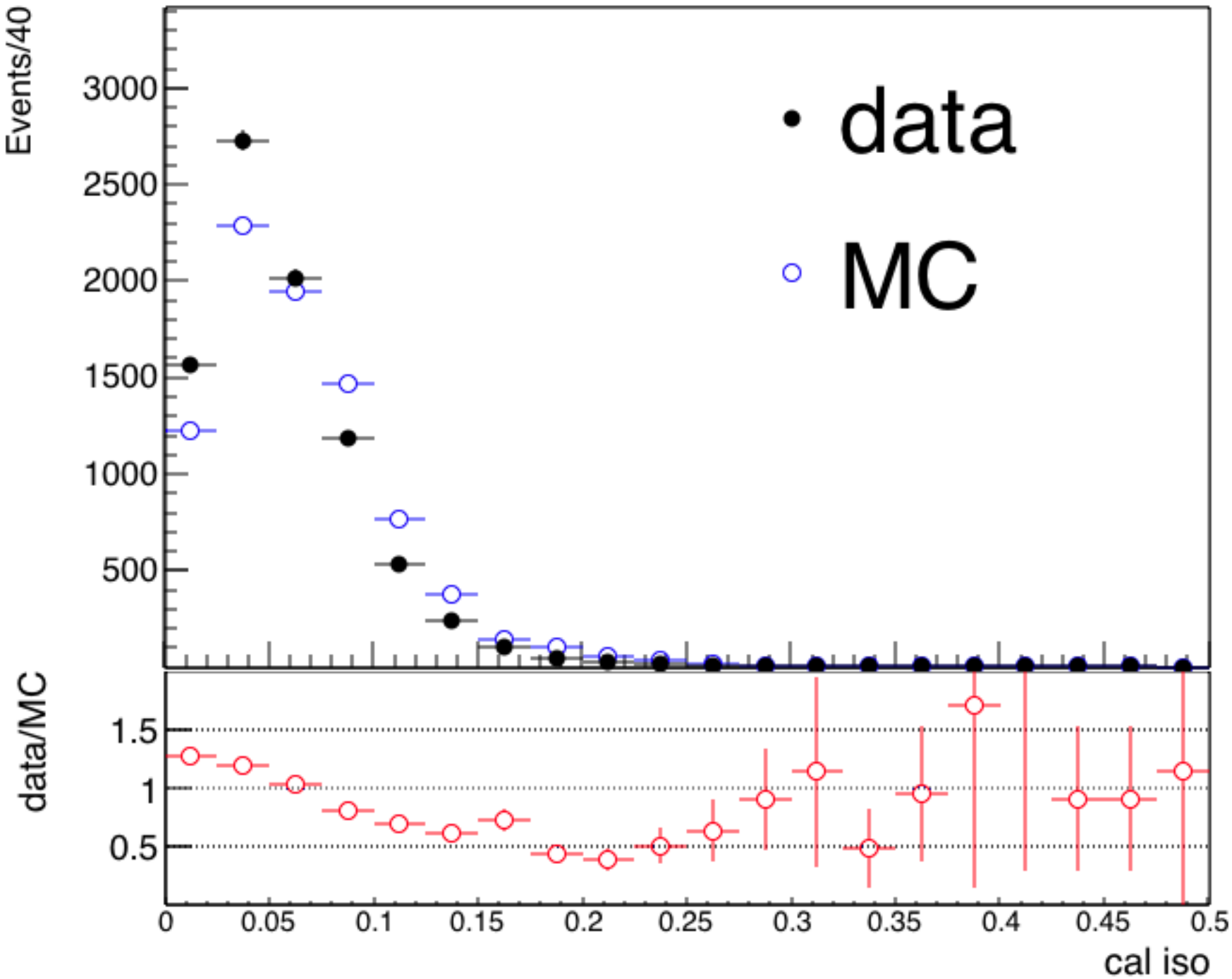

data
MC
pecorr
Entries 706523
Mean 198.3
RMS 151.8
pecorr
Entries 772869
Mean 194.9
RMS 143.4
6000
5000
4000
3000
2000
1000
0
0
100
200
300
400
500
PECorr

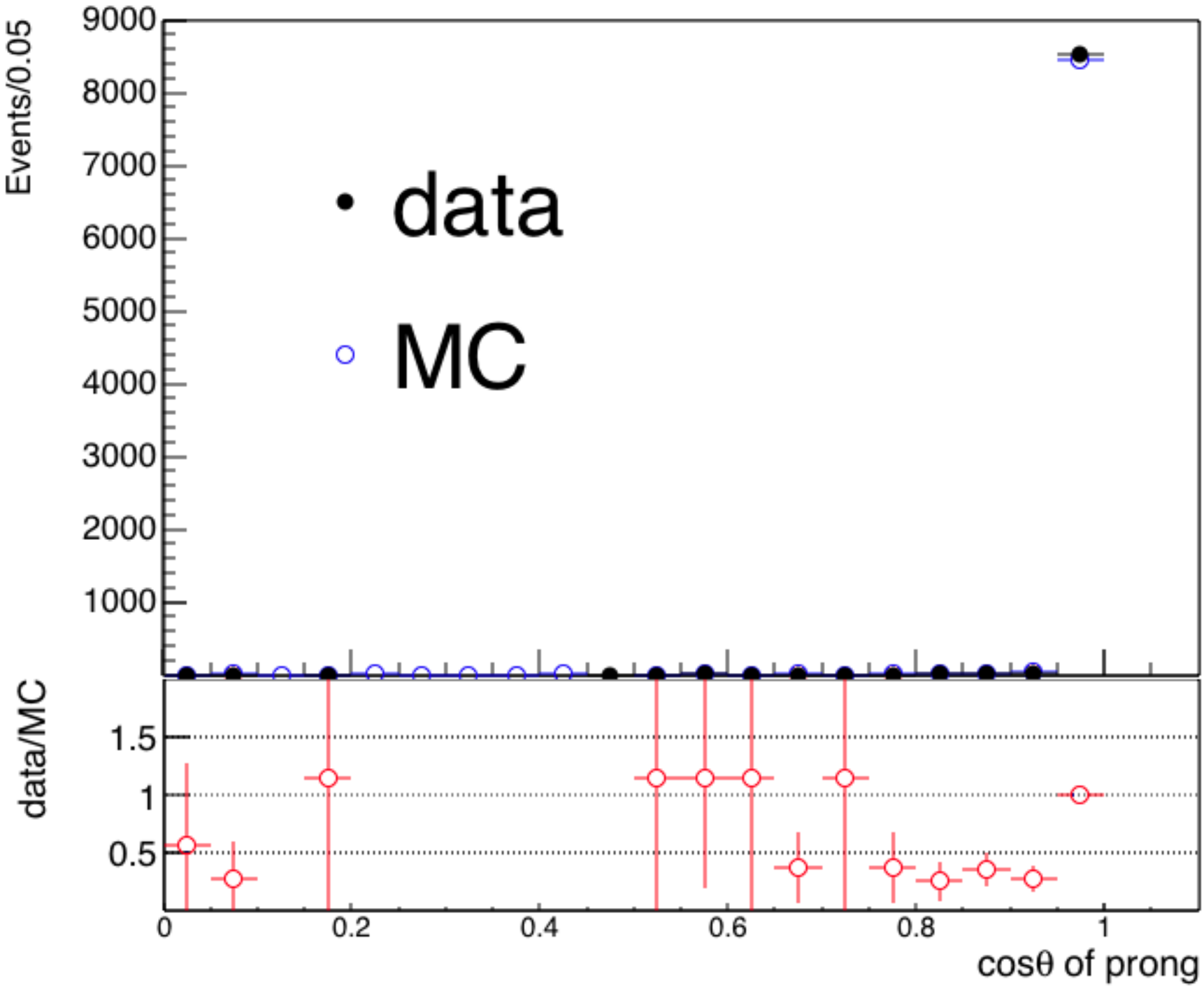

Events/40
2400
2200
2000
1800
1600
1400
1200
1000
800
600
400
200
data
MC
data/MC
1.5
1
0.5
0.5
0.6
0.7
0.8
0.9
1
1.1
1.2
F2sigma

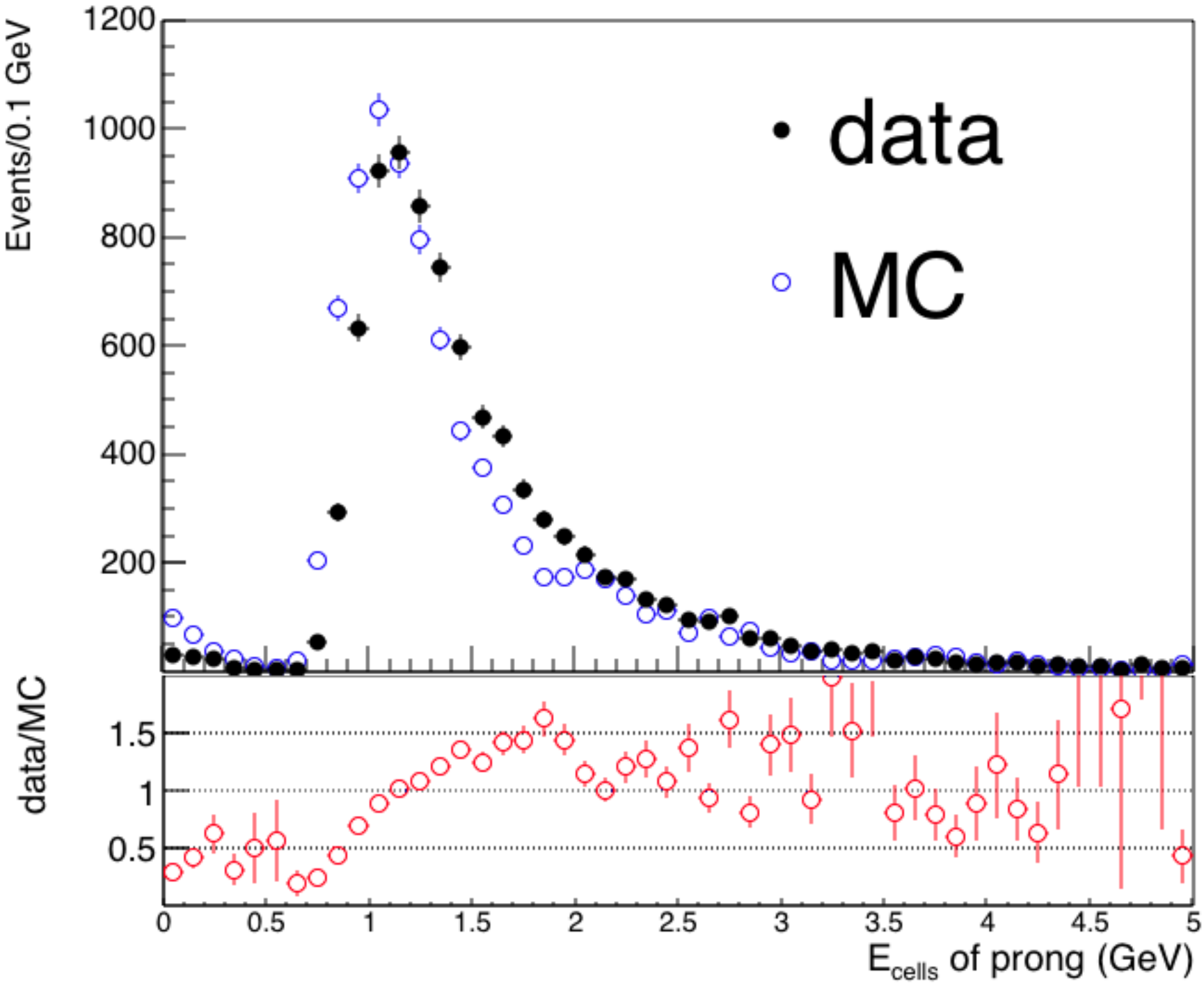

Events/40
3500
3000
2500
2000
1500
1000
500
data
MC
data/MC
1.5
1
0.5
0
0.2
0.4
0.6
0.8
1
1.2
F2planes

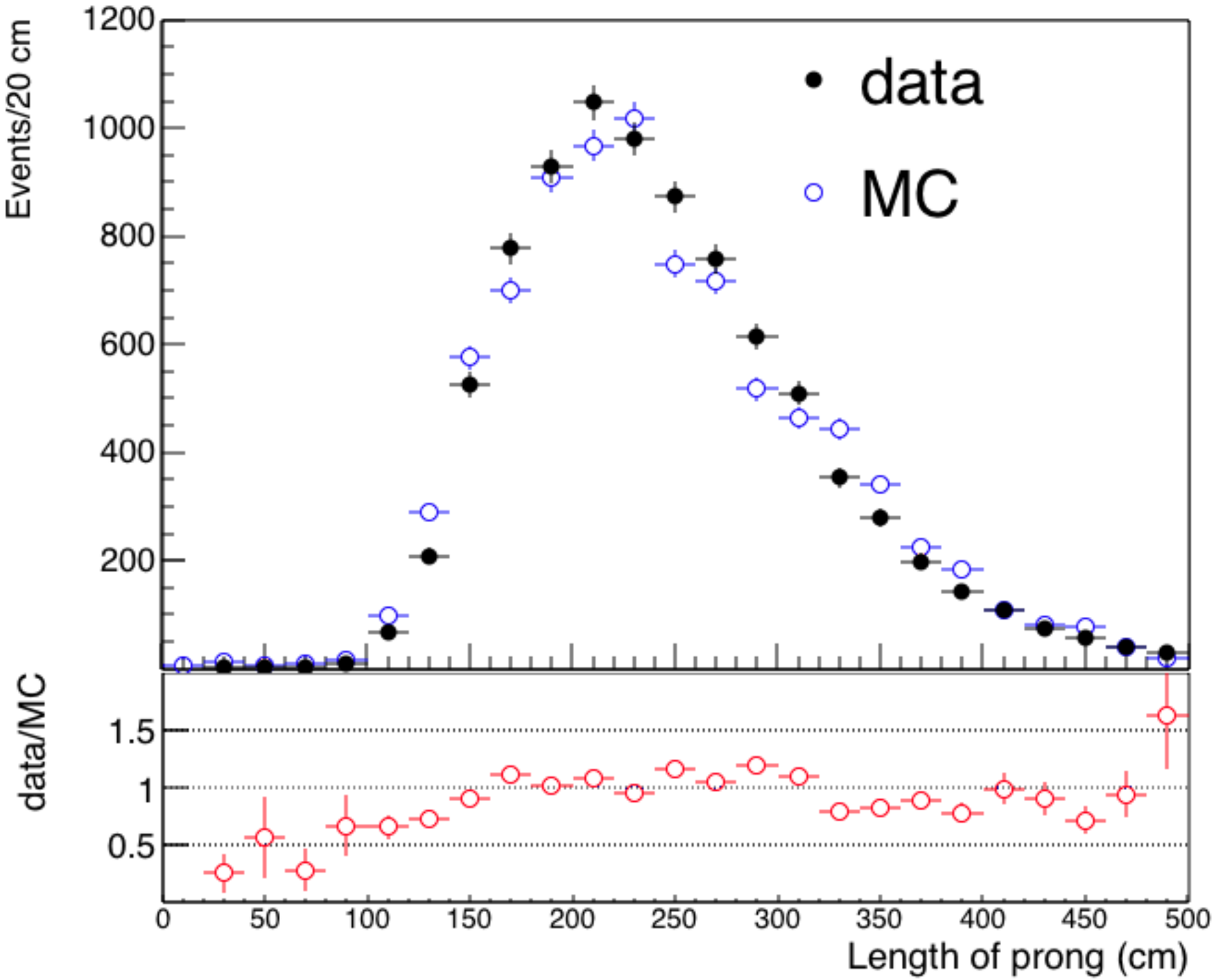

Events/40
3000
2500
2000
1500
1000
500
data
MC
data/MC
1.5
1
0.5
0
0.2
0.4
0.6
0.8
1
1.2
F6planes

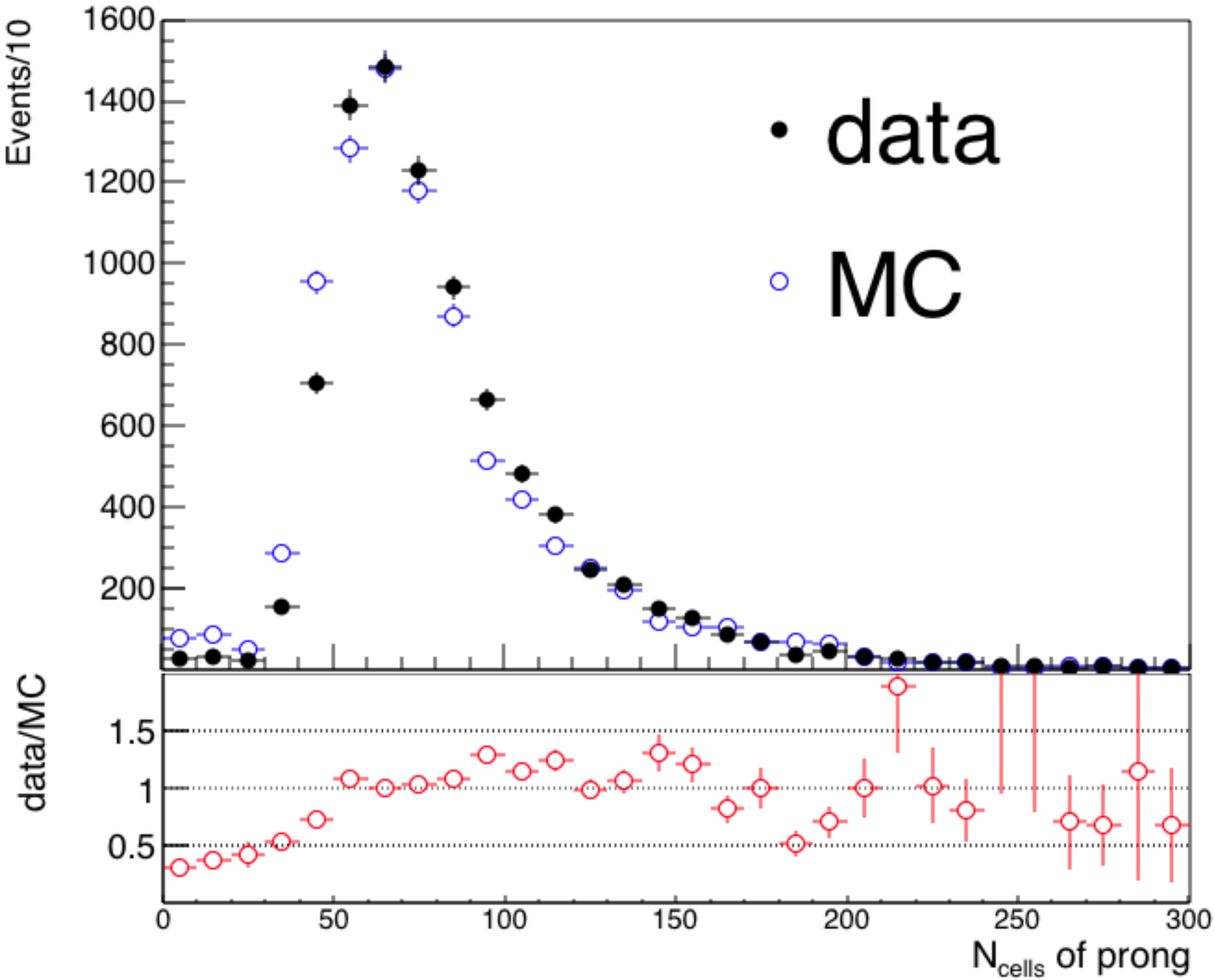

Events/40
1000
800
600
400
200
data
MC
data/MC
1.5
1
0.5
0
0.2
0.4
0.6
0.8
1
1.2
F20planes

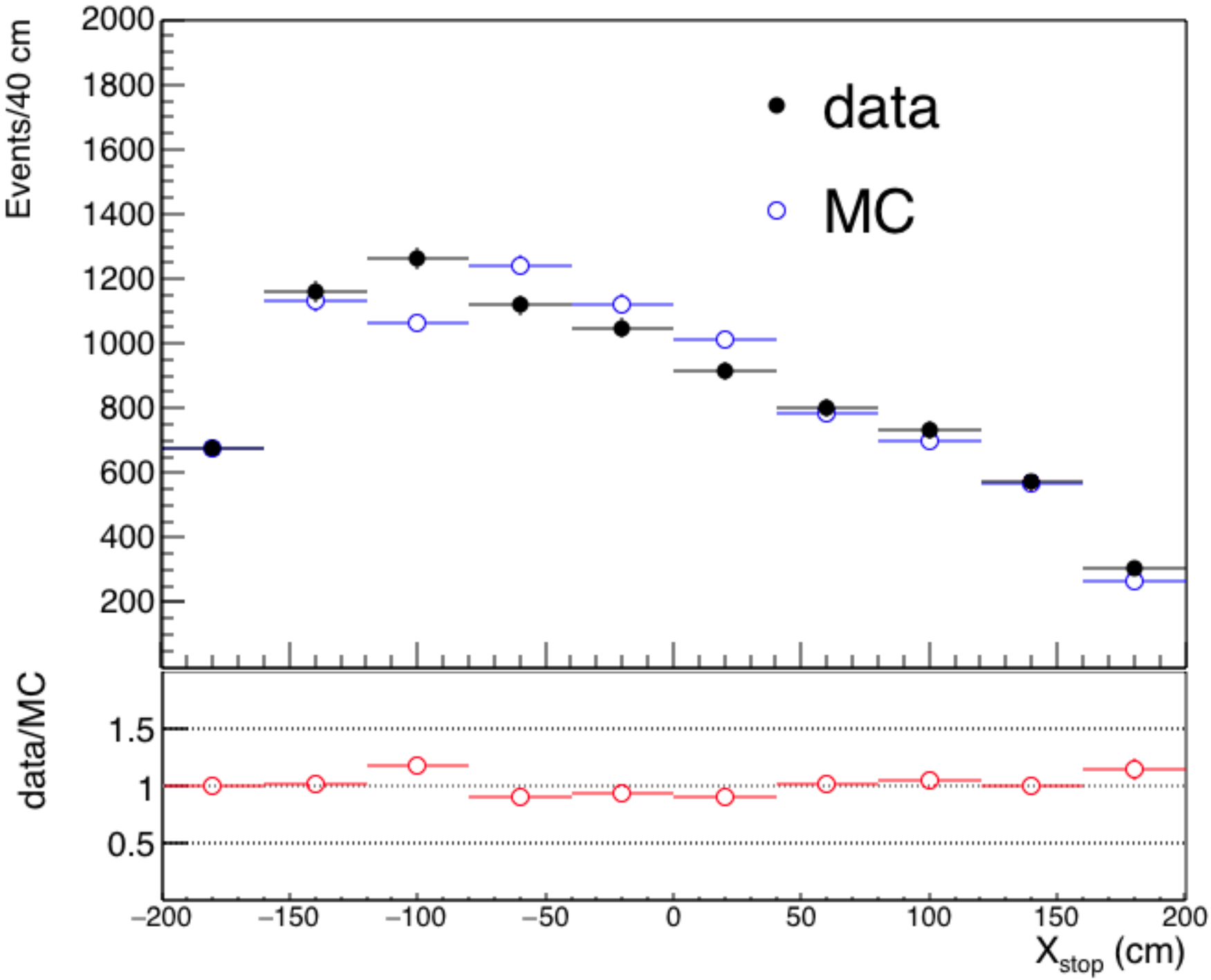

Events/40
3000
2500
2000
1500
1000
500
data
MC
data/MC
1.5
1
0.5
0
0.05
0.1
0.15
0.2
0.25
0.3
0.35
0.4
0.45
0.5
cal iso

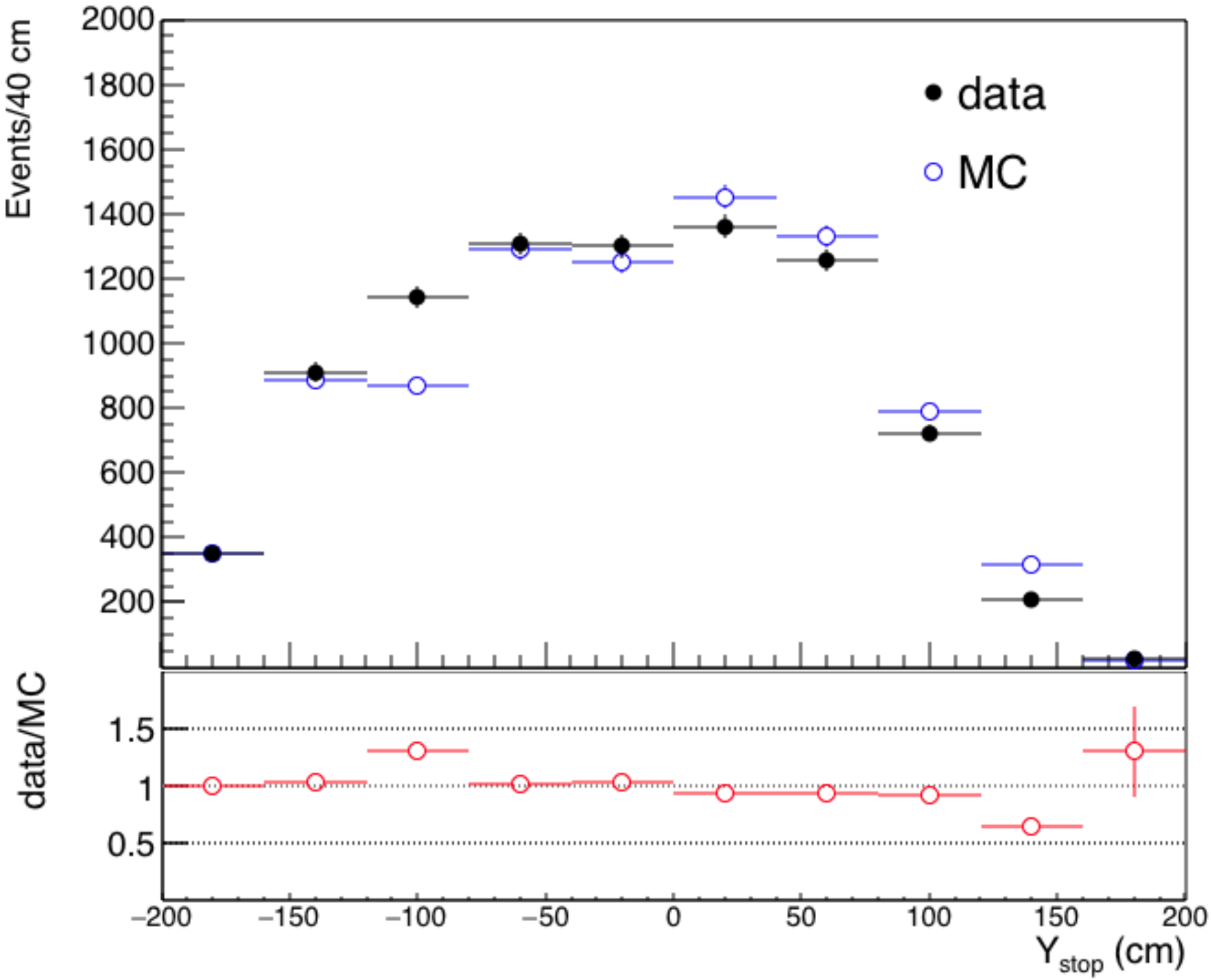

Events/0.05
9000
8000
7000
6000
5000
4000
3000
2000
1000
data
MC
data/MC
1.5
1
0.5
0
0.2
0.4
0.6
0.8
1
cosθ of prong

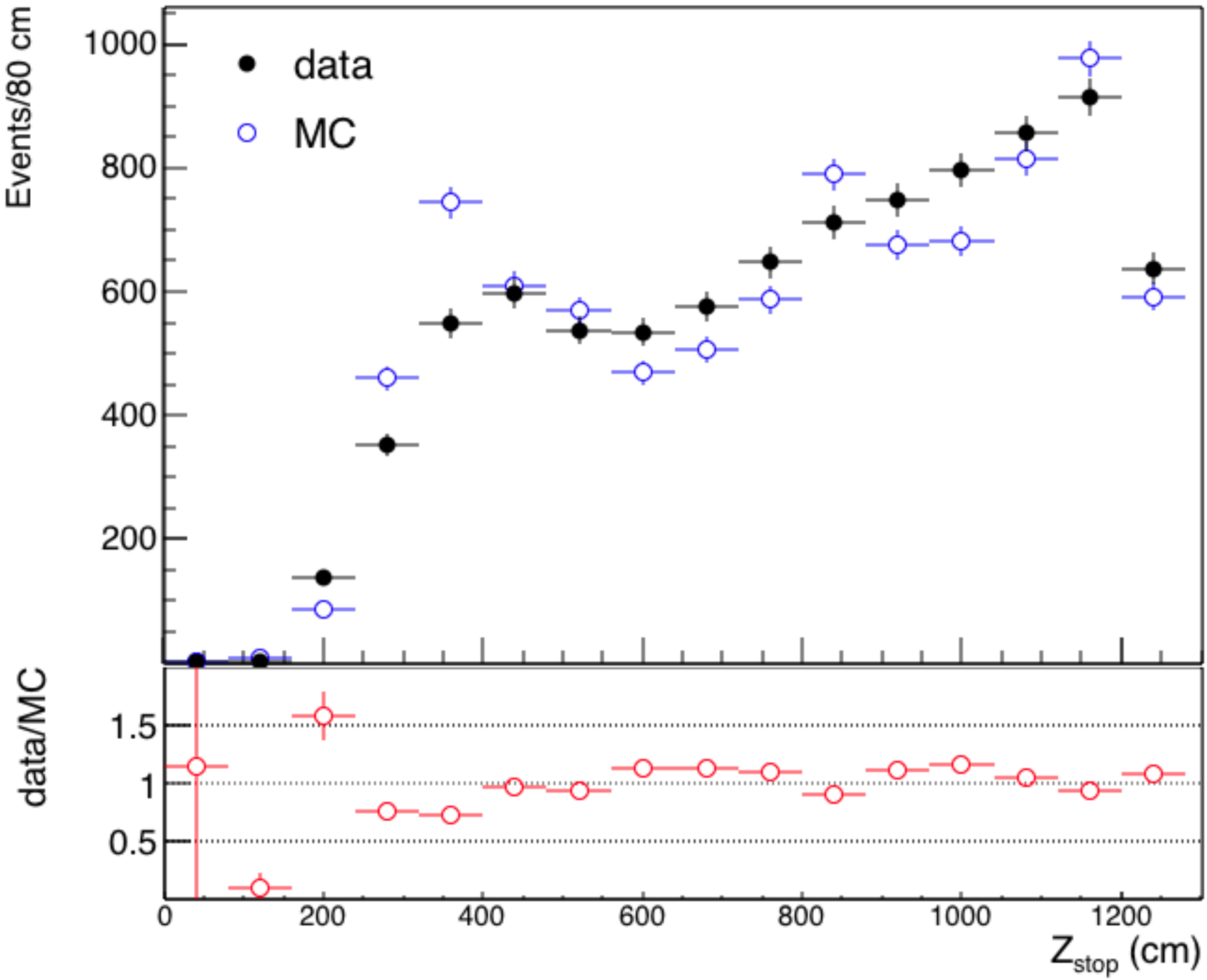

Events/0.1 GeV
1200
1000
800
600
400
200
data
MC
data/MC
1.5
1
0.5
0
0.5
1
1.5
2
2.5
3
3.5
4
4.5
5
E_{cells} of prong (GeV)

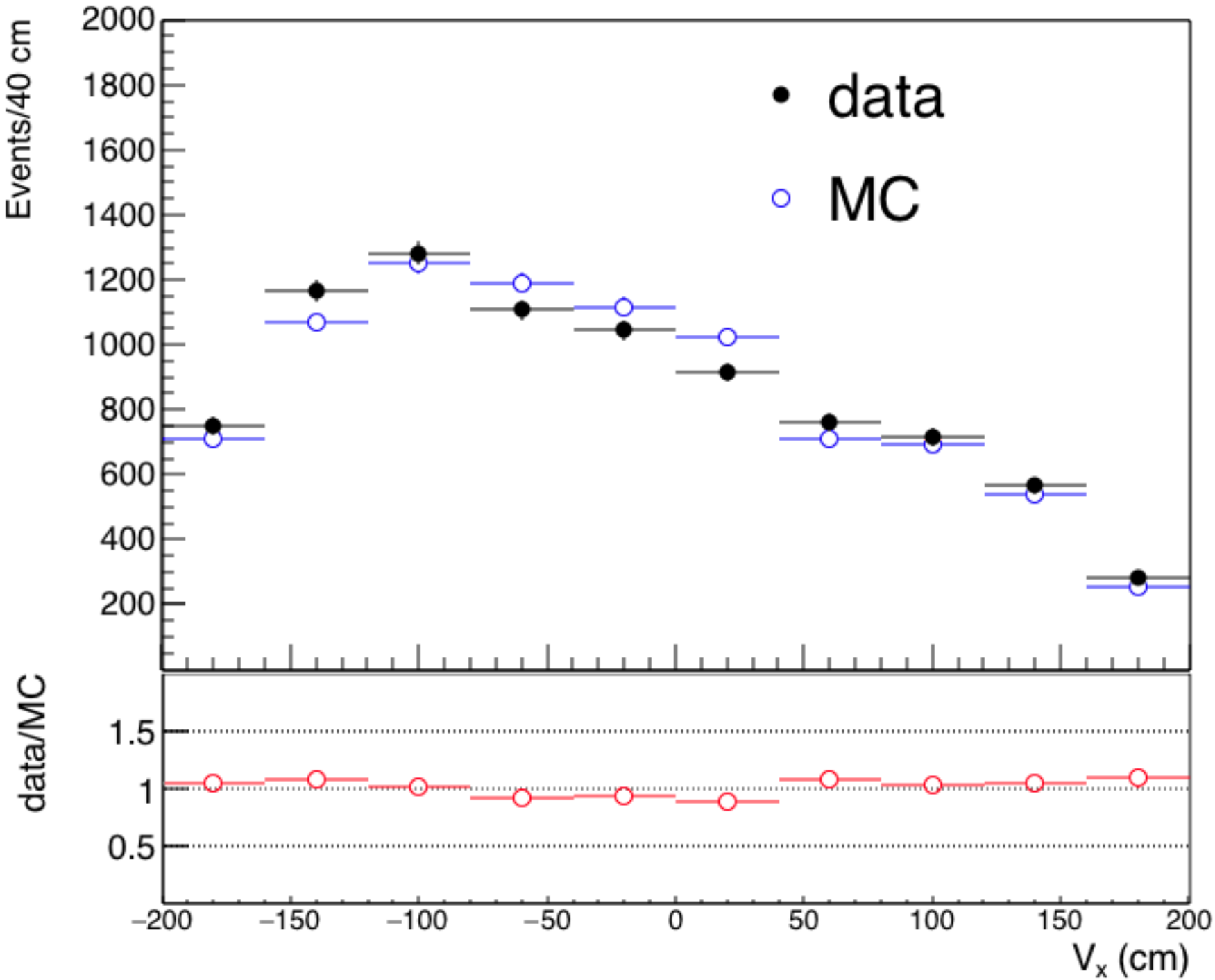

Events/20 cm
1200
1000
800
600
400
200
data
MC
data/MC
1.5
1
0.5
0
50
100
150
200
250
300
350
400
450
500
Length of prong (cm)

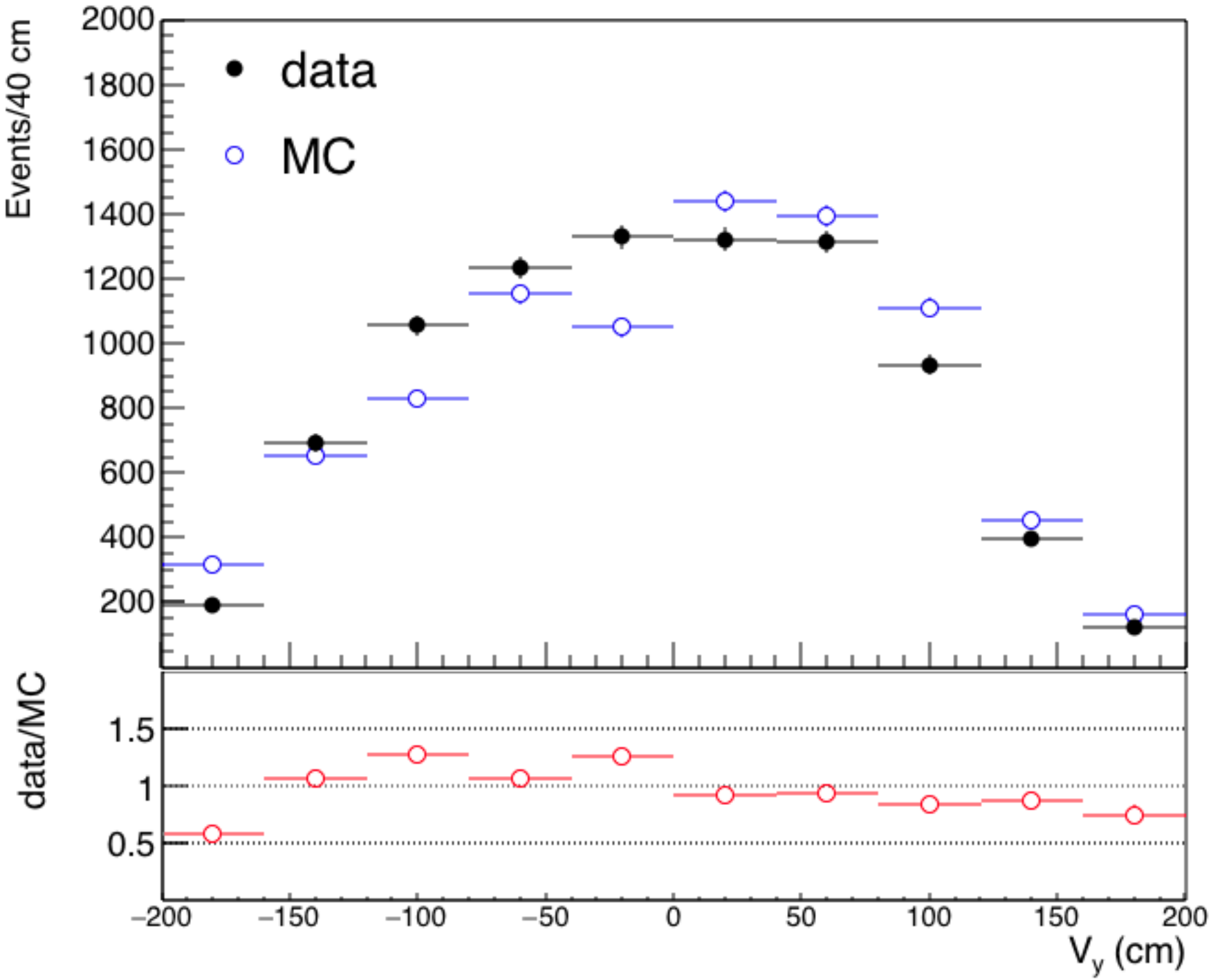

Events/10
1600
1400
1200
1000
800
600
400
200
data
MC
data/MC
1.5
1
0.5
0
50
100
150
200
250
300
N_cells of prong

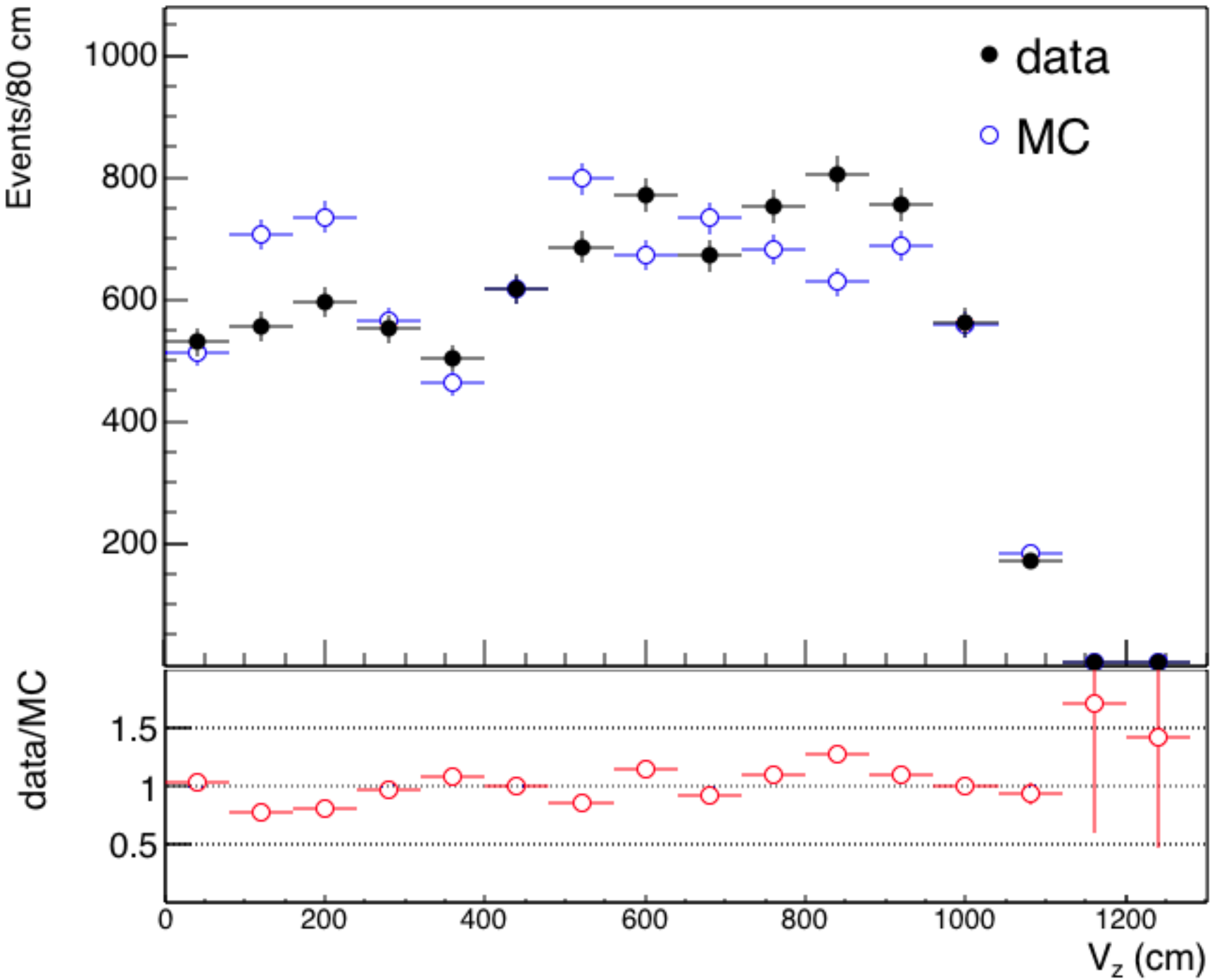

Events/40 cm
2000
1800
1600
1400
1200
1000
800
600
400
200
data
MC
data/MC
1.5
1
0.5
−200
−150
−100
−50
0
50
100
150
200
X_{stop} (cm)


Events/40 cm
2000
1800
1600
1400
1200
1000
800
600
400
200
data
MC
data/MC
1.5
1
0.5
−200
−150
−100
−50
0
50
100
150
200
Y_stop (cm)


Events/80 cm
1000
800
600
400
200
data
MC
data/MC
1.5
1
0.5
0
200
400
600
800
1000
1200
Z_{stop} (cm)


Events/40 cm
2000
1800
1600
1400
1200
1000
800
600
400
200
data
MC
data/MC
1.5
1
0.5
−200
−150
−100
−50
0
50
100
150
200
V_x (cm)


data
MC
Events/40 cm
2000
1800
1600
1400
1200
1000
800
600
400
200
data/MC
1.5
1
0.5
−200
−150
−100
−50
0
50
100
150
200
V_y (cm)


Events/80 cm
1000
800
600
400
200
data
MC
data/MC
1.5
1
0.5
0
200
400
600
800
1000
1200
V_z (cm)