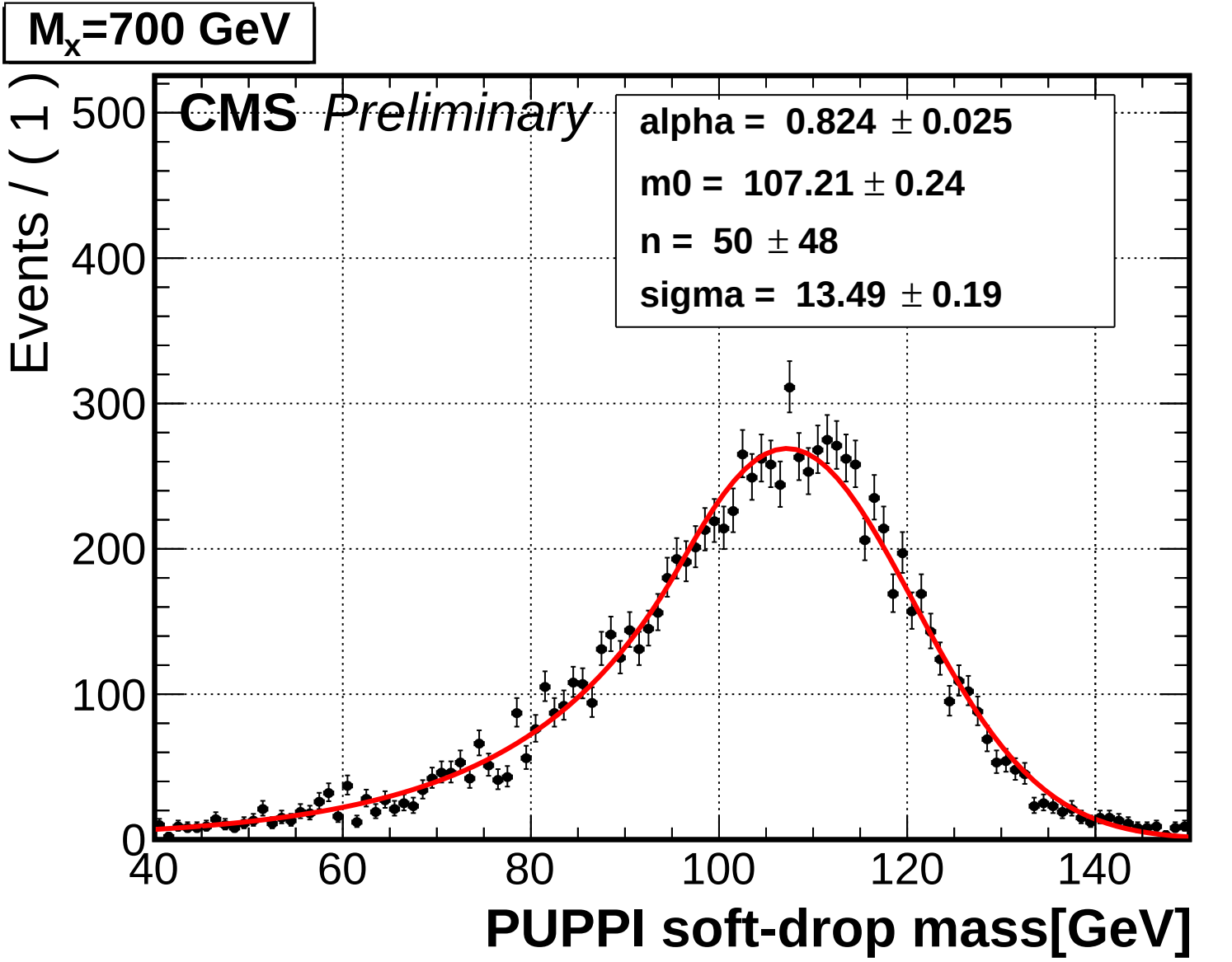
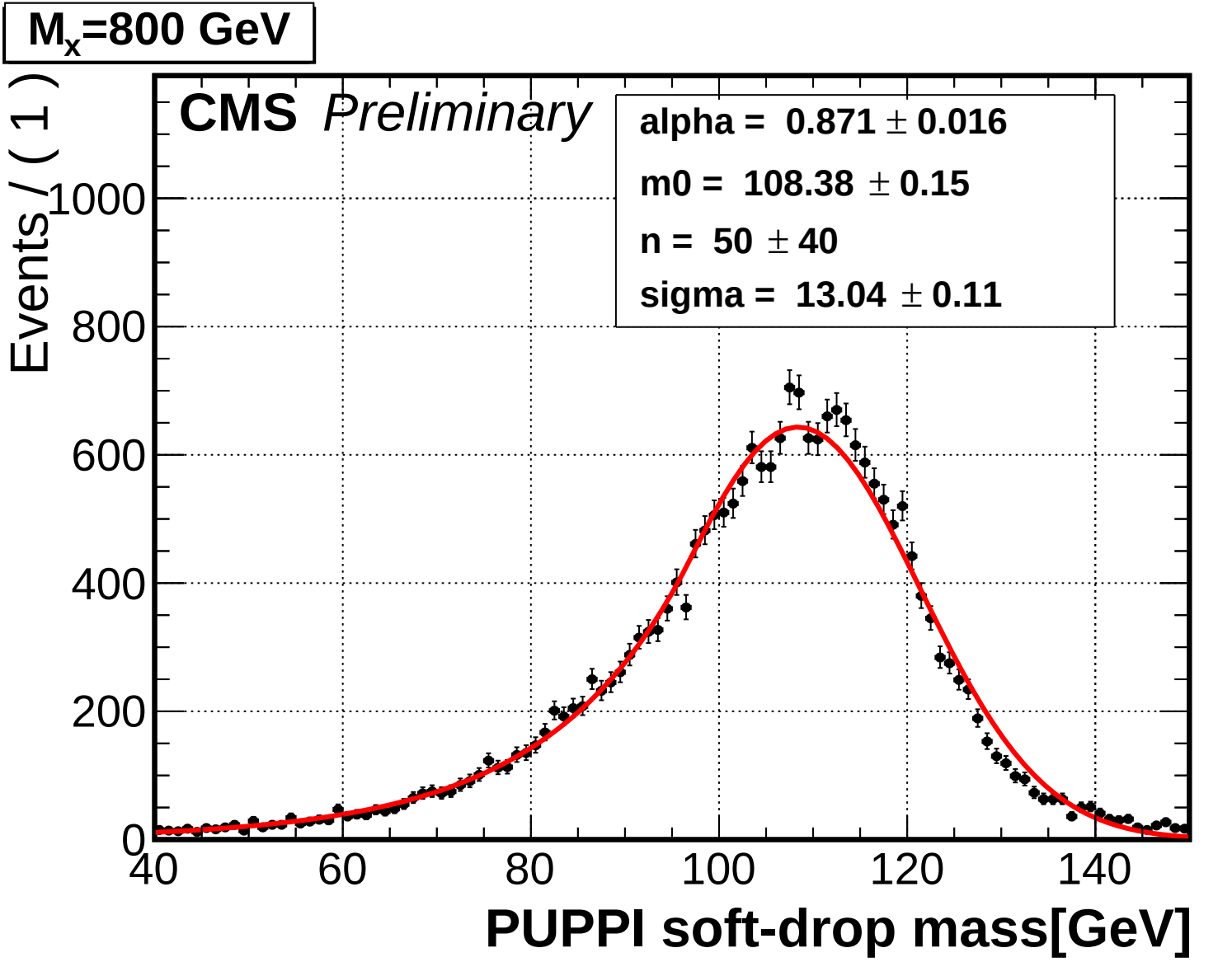
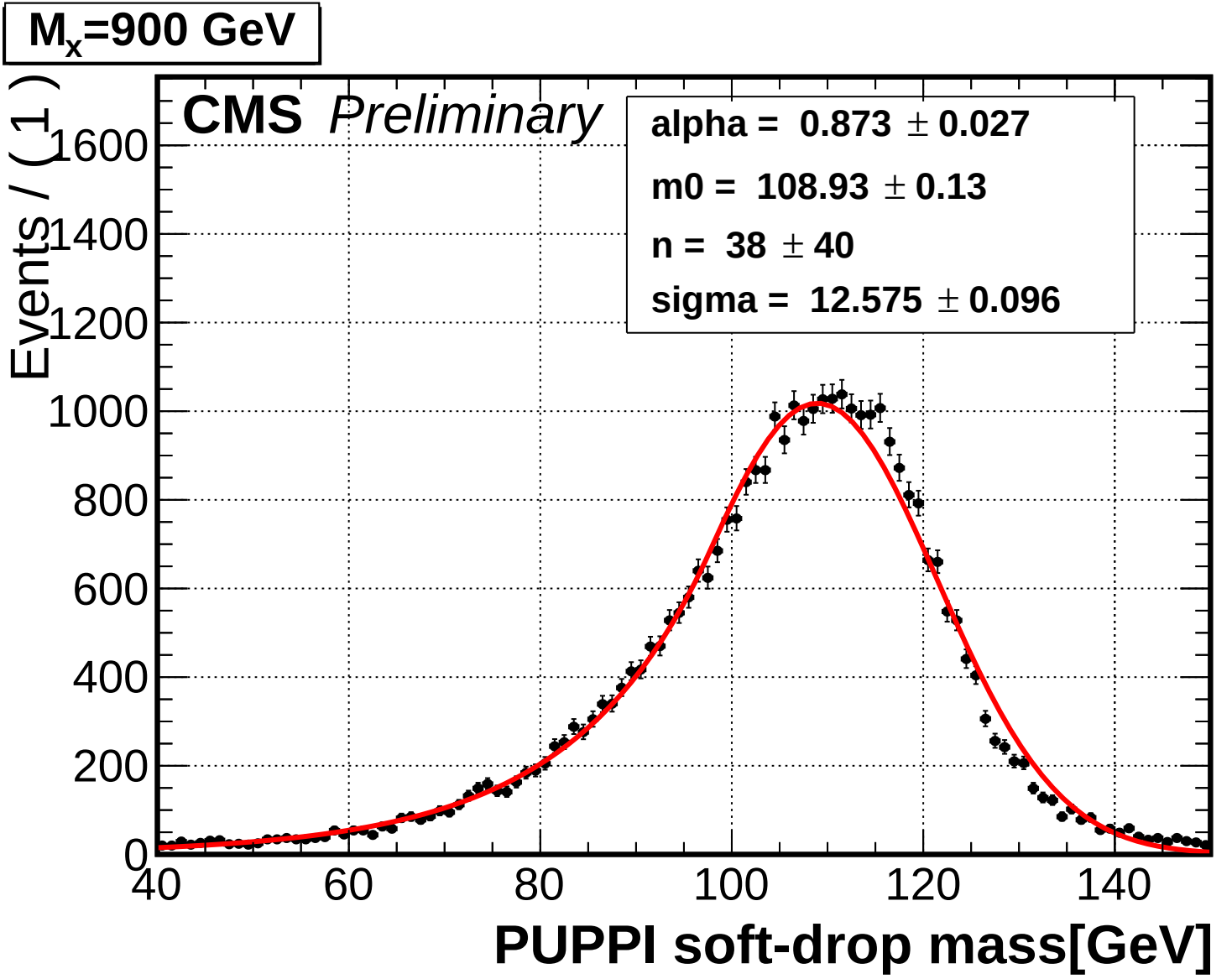
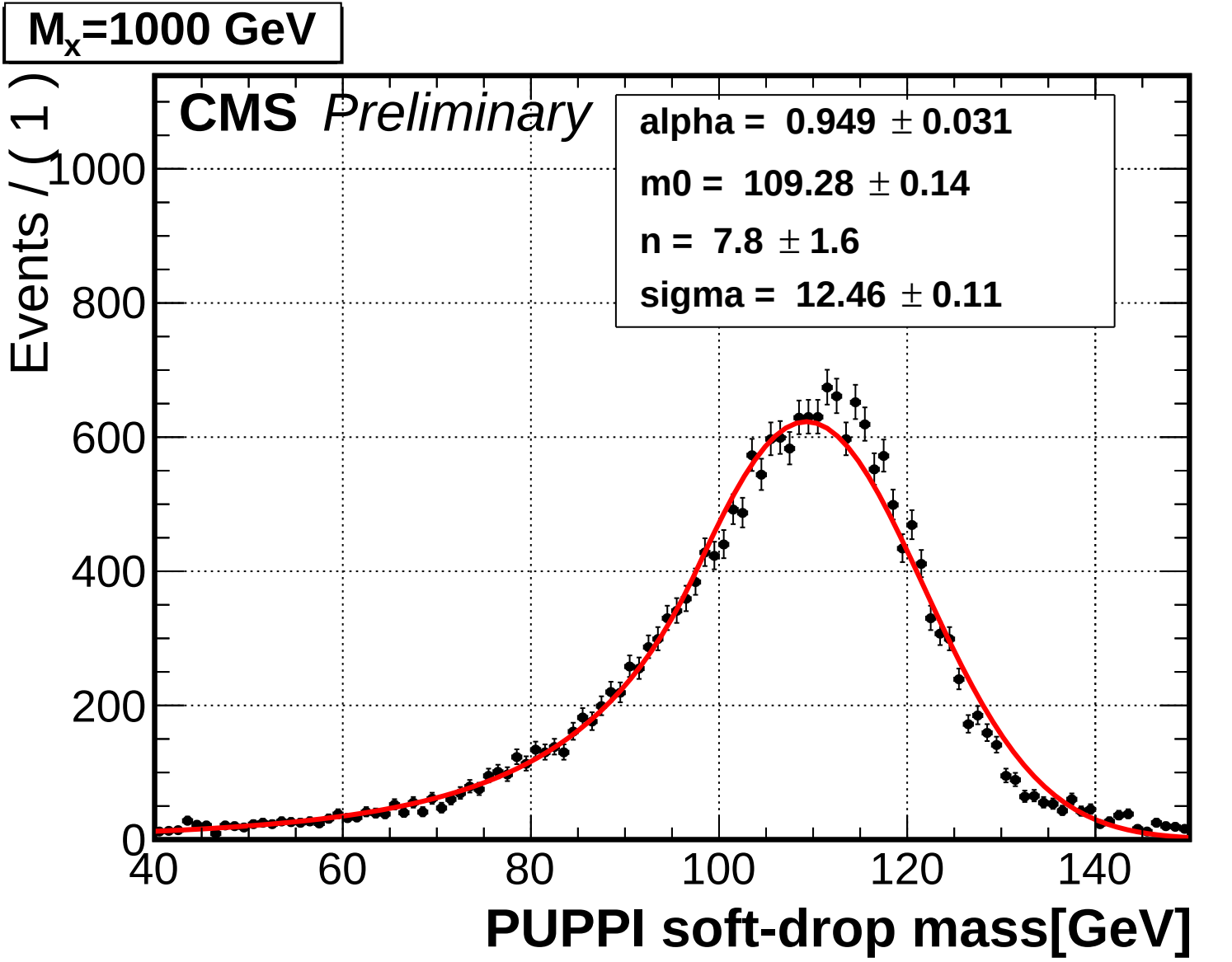
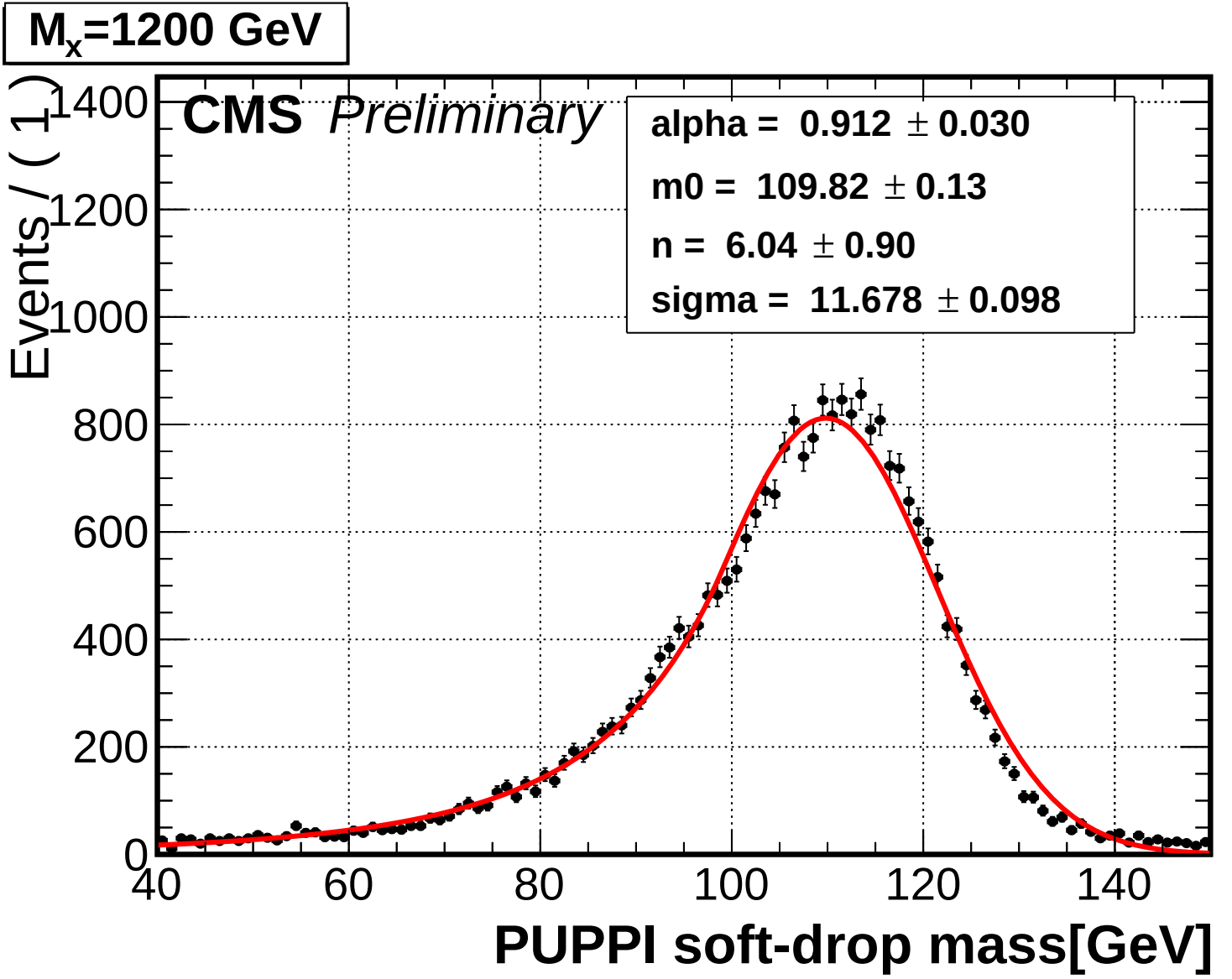
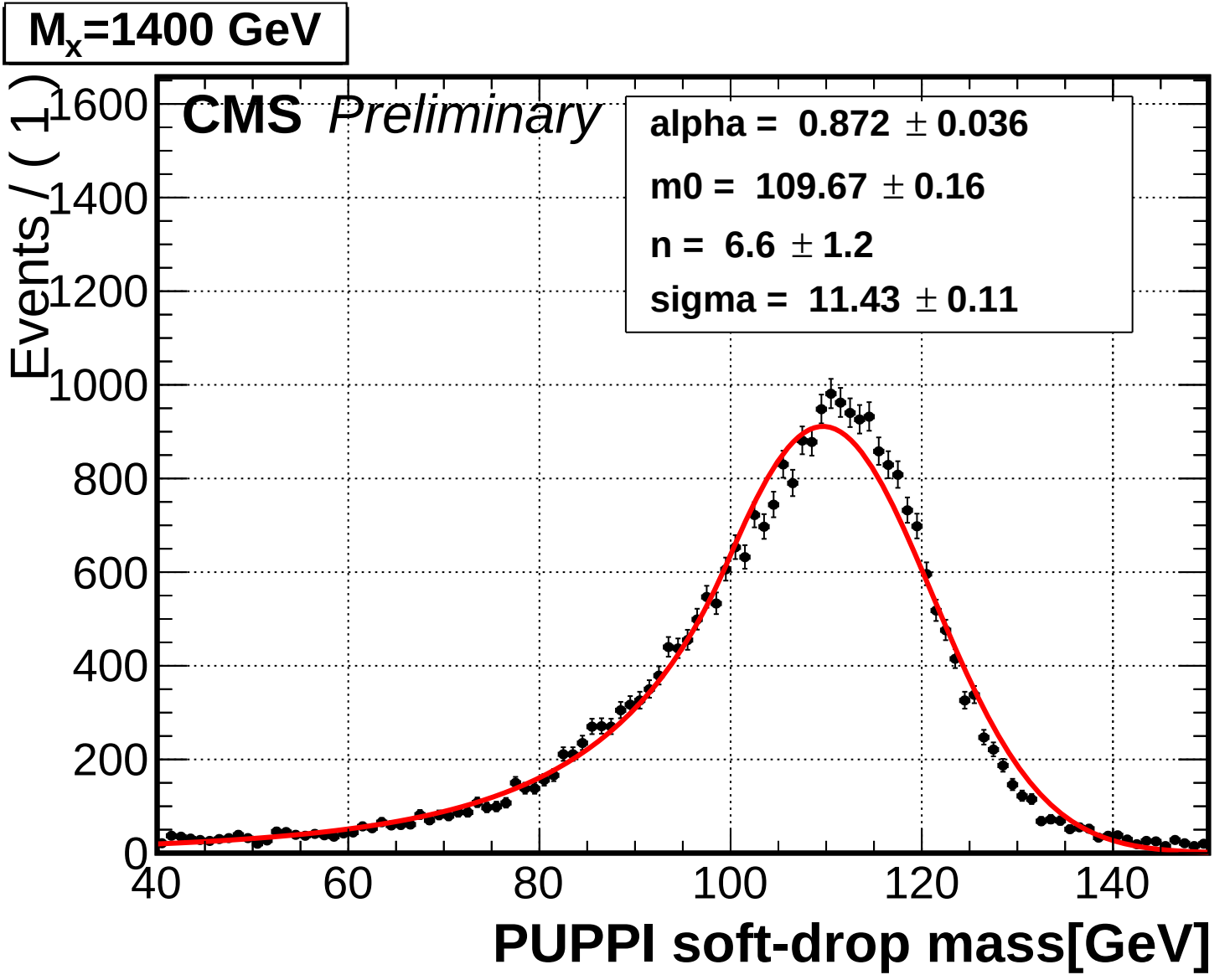

M_x=700 GeV
CMS Preliminary
alpha = 0.824 ± 0.025
m0 = 107.21 ± 0.24
n = 50 ± 48
sigma = 13.49 ± 0.19
Events / (1)
0
100
200
300
400
500
40
60
80
100
120
140
PUPPI soft-drop mass[GeV]

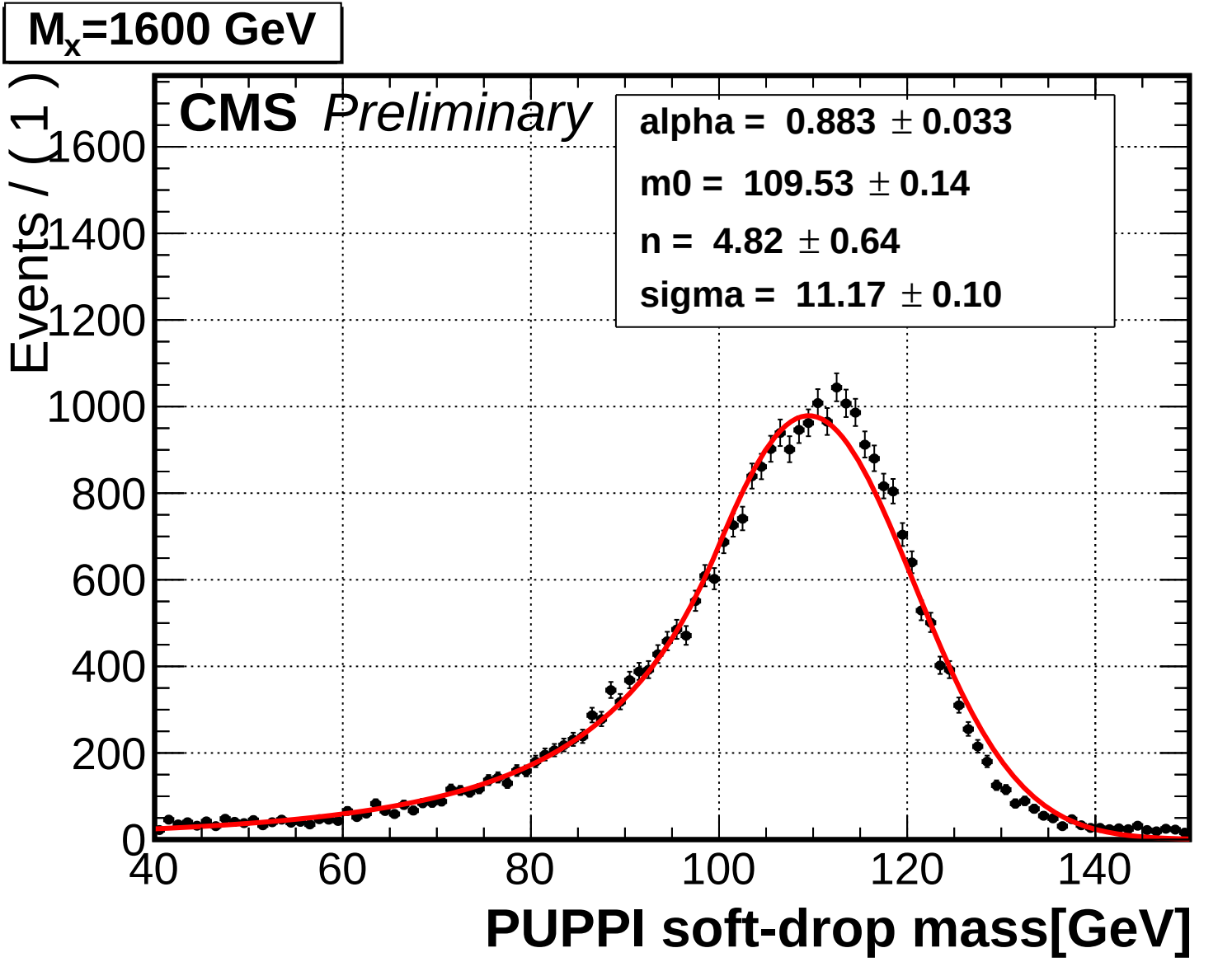

M_x=800 GeV
CMS Preliminary
alpha = 0.871 ± 0.016
m0 = 108.38 ± 0.15
n = 50 ± 40
sigma = 13.04 ± 0.11
Events / (1)
0
200
400
600
800
1000
40
60
80
100
120
140
PUPPI soft-drop mass[GeV]

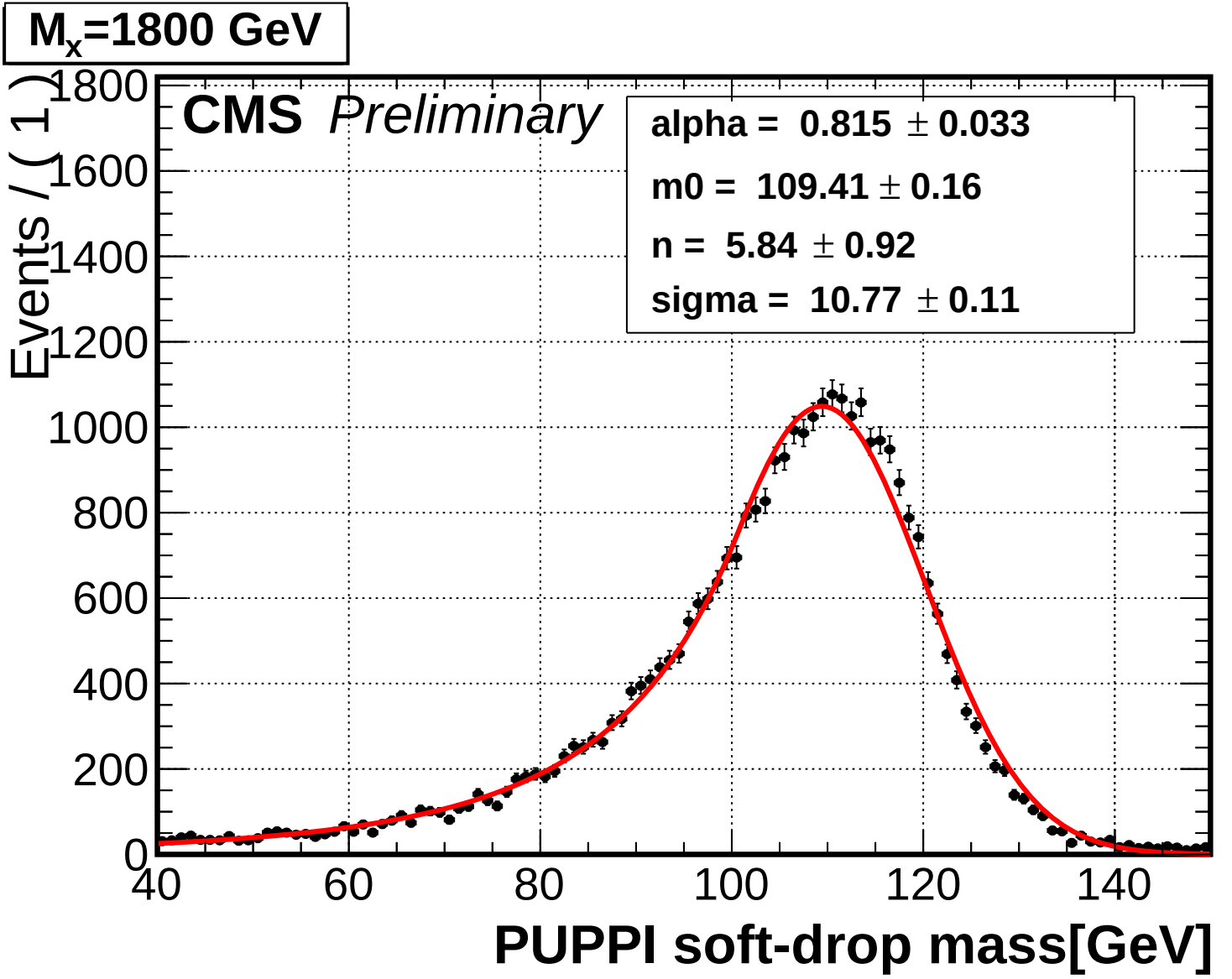

M_x=900 GeV
CMS Preliminary
alpha = 0.873 ± 0.027
m0 = 108.93 ± 0.13
n = 38 ± 40
sigma = 12.575 ± 0.096
Events / (1)
0
200
400
600
800
1000
1200
1400
1600
40
60
80
100
120
140
PUPPI soft-drop mass[GeV]

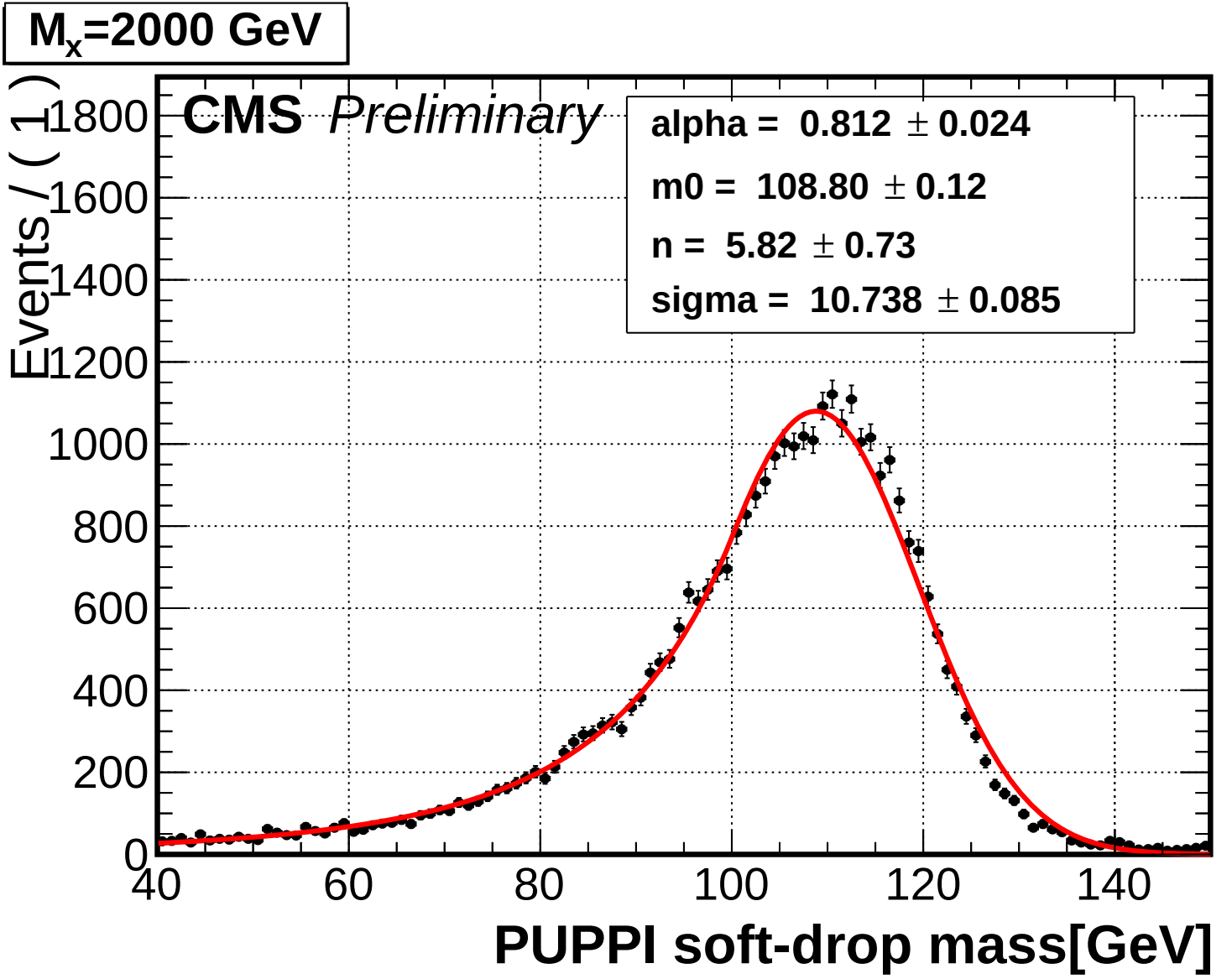

M_x=1000 GeV
CMS Preliminary
alpha = 0.949 ± 0.031
m0 = 109.28 ± 0.14
n = 7.8 ± 1.6
sigma = 12.46 ± 0.11
Events / (1)
0
200
400
600
800
1000
40
60
80
100
120
140
PUPPI soft-drop mass[GeV]

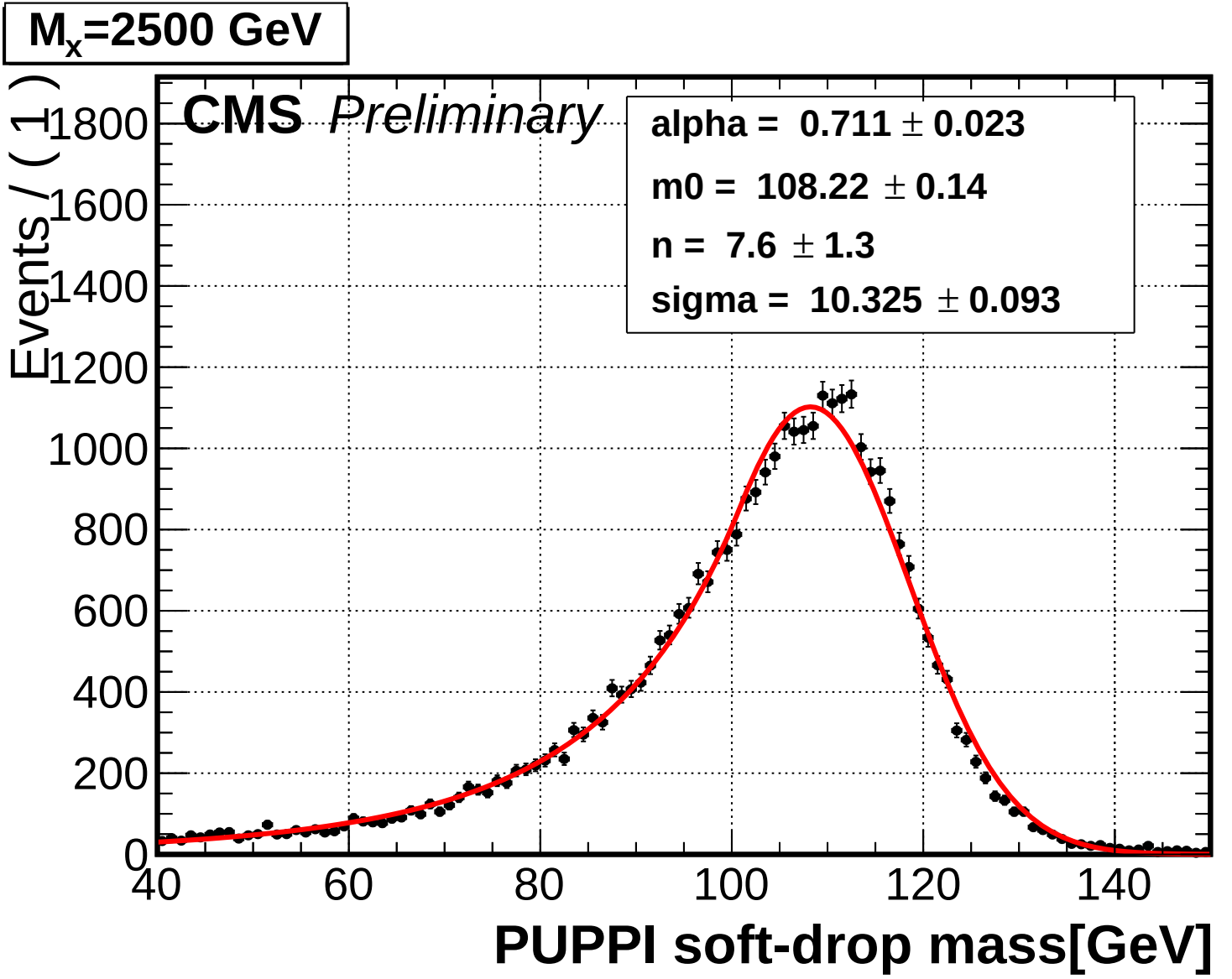

M_x=1200 GeV
CMS Preliminary
alpha = 0.912 ± 0.030
m0 = 109.82 ± 0.13
n = 6.04 ± 0.90
sigma = 11.678 ± 0.098
Events / (1)
0
200
400
600
800
1000
1200
1400
40
60
80
100
120
140
PUPPI soft-drop mass[GeV]

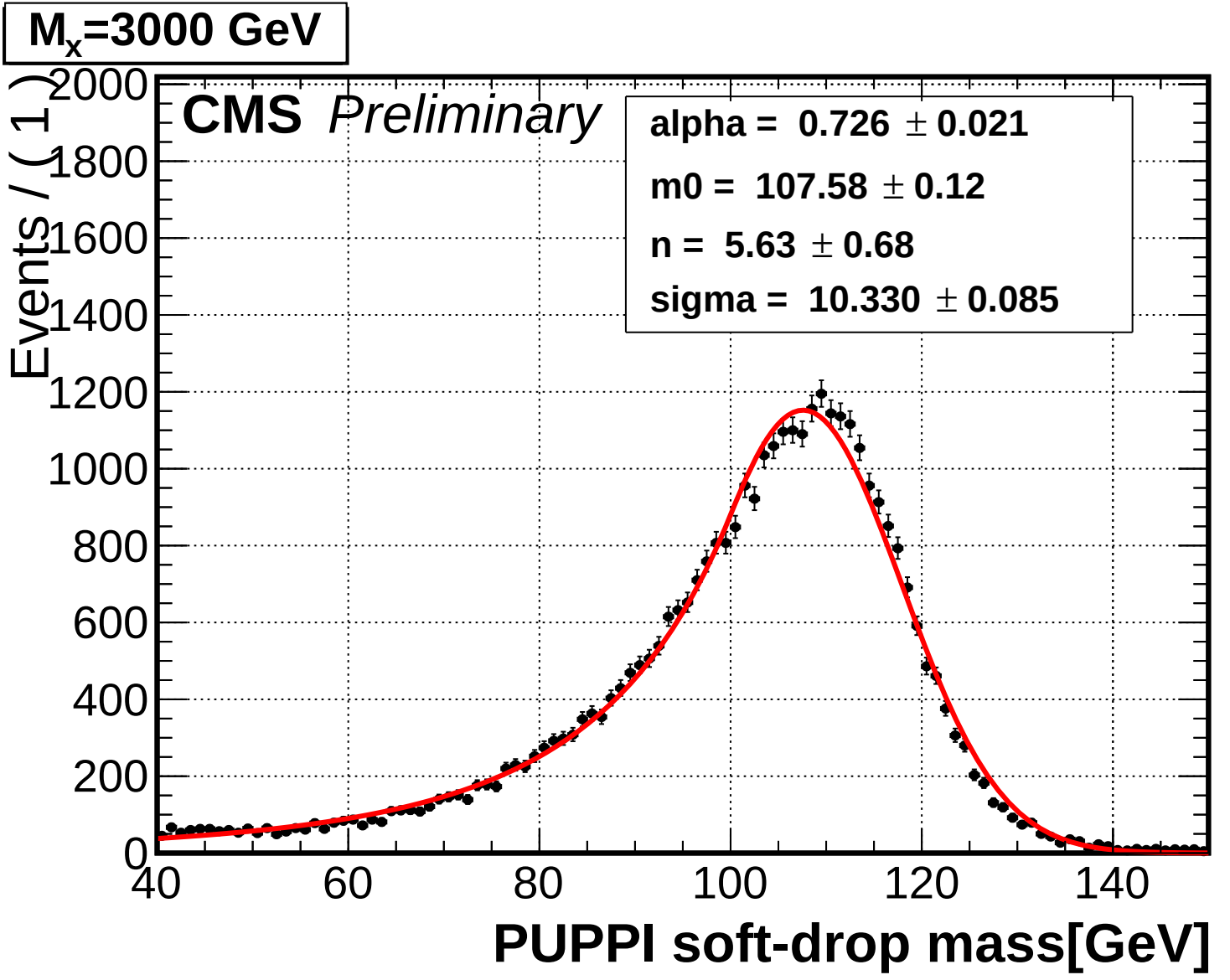

M_x=1400 GeV
CMS Preliminary
alpha = 0.872 ± 0.036
m0 = 109.67 ± 0.16
n = 6.6 ± 1.2
sigma = 11.43 ± 0.11
Events / (1)
0
200
400
600
800
1000
1200
1400
1600
40
60
80
100
120
140
PUPPI soft-drop mass[GeV]


M_x=1600 GeV
CMS Preliminary
alpha = 0.883 ± 0.033
m0 = 109.53 ± 0.14
n = 4.82 ± 0.64
sigma = 11.17 ± 0.10
Events / (1)
0
200
400
600
800
1000
1200
1400
1600
40
60
80
100
120
140
PUPPI soft-drop mass[GeV]


M_x=1800 GeV
CMS Preliminary
alpha = 0.815 ± 0.033
m0 = 109.41 ± 0.16
n = 5.84 ± 0.92
sigma = 10.77 ± 0.11
Events / (1)
0
200
400
600
800
1000
1200
1400
1600
1800
40
60
80
100
120
140
PUPPI soft-drop mass[GeV]


M_x=2000 GeV
CMS Preliminary
alpha = 0.812 ± 0.024
m0 = 108.80 ± 0.12
n = 5.82 ± 0.73
sigma = 10.738 ± 0.085
Events / (1)
0
200
400
600
800
1000
1200
1400
1600
1800
40
60
80
100
120
140
PUPPI soft-drop mass[GeV]


M_x=2500 GeV
CMS Preliminary
alpha = 0.711 ± 0.023
m0 = 108.22 ± 0.14
n = 7.6 ± 1.3
sigma = 10.325 ± 0.093
Events / (1)
0
200
400
600
800
1000
1200
1400
1600
1800
40
60
80
100
120
140
PUPPI soft-drop mass[GeV]


M_x=3000 GeV
CMS Preliminary
alpha = 0.726 ± 0.021
m0 = 107.58 ± 0.12
n = 5.63 ± 0.68
sigma = 10.330 ± 0.085
Events / (1)
0
200
400
600
800
1000
1200
1400
1600
1800
2000
40
60
80
100
120
140
PUPPI soft-drop mass[GeV]