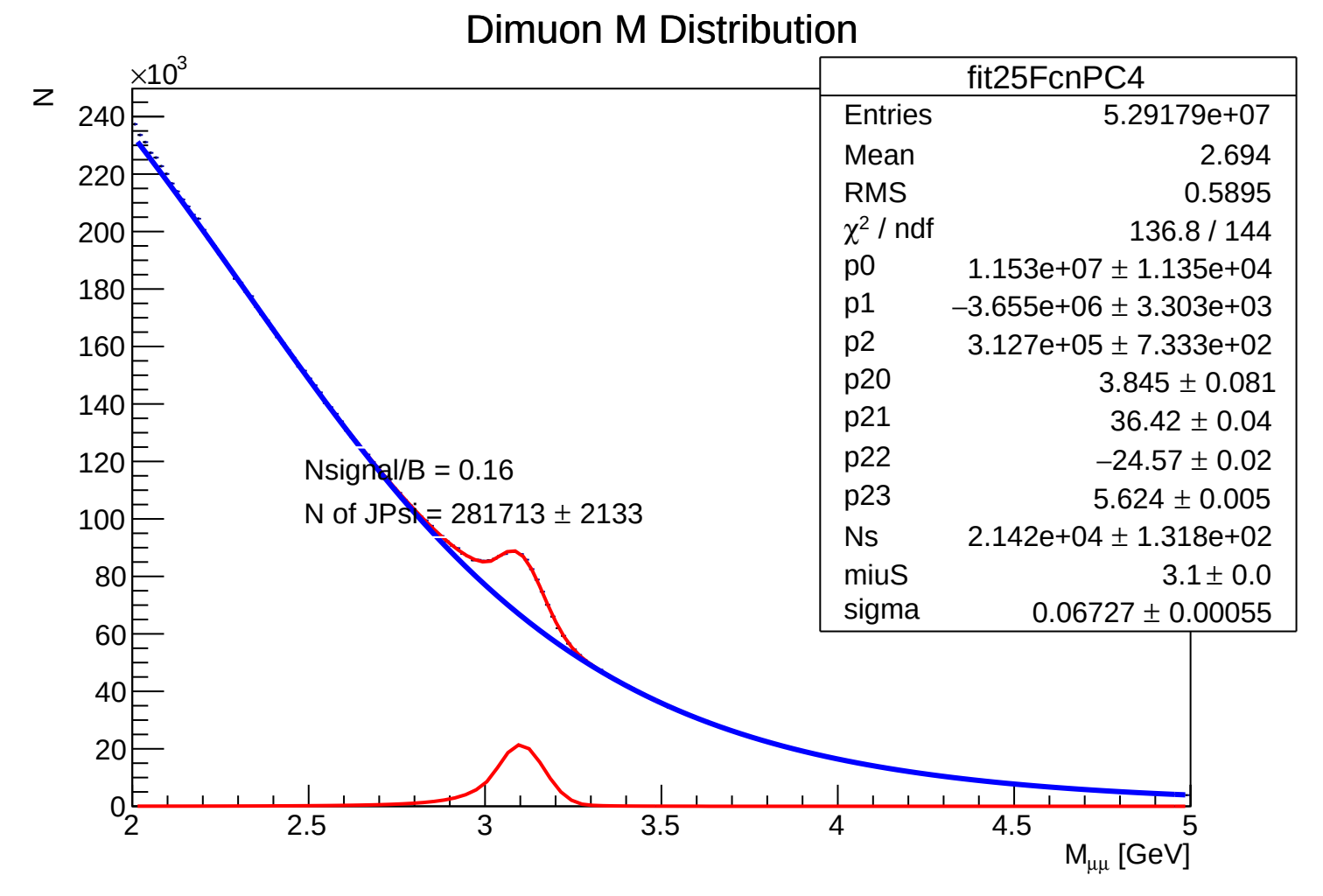
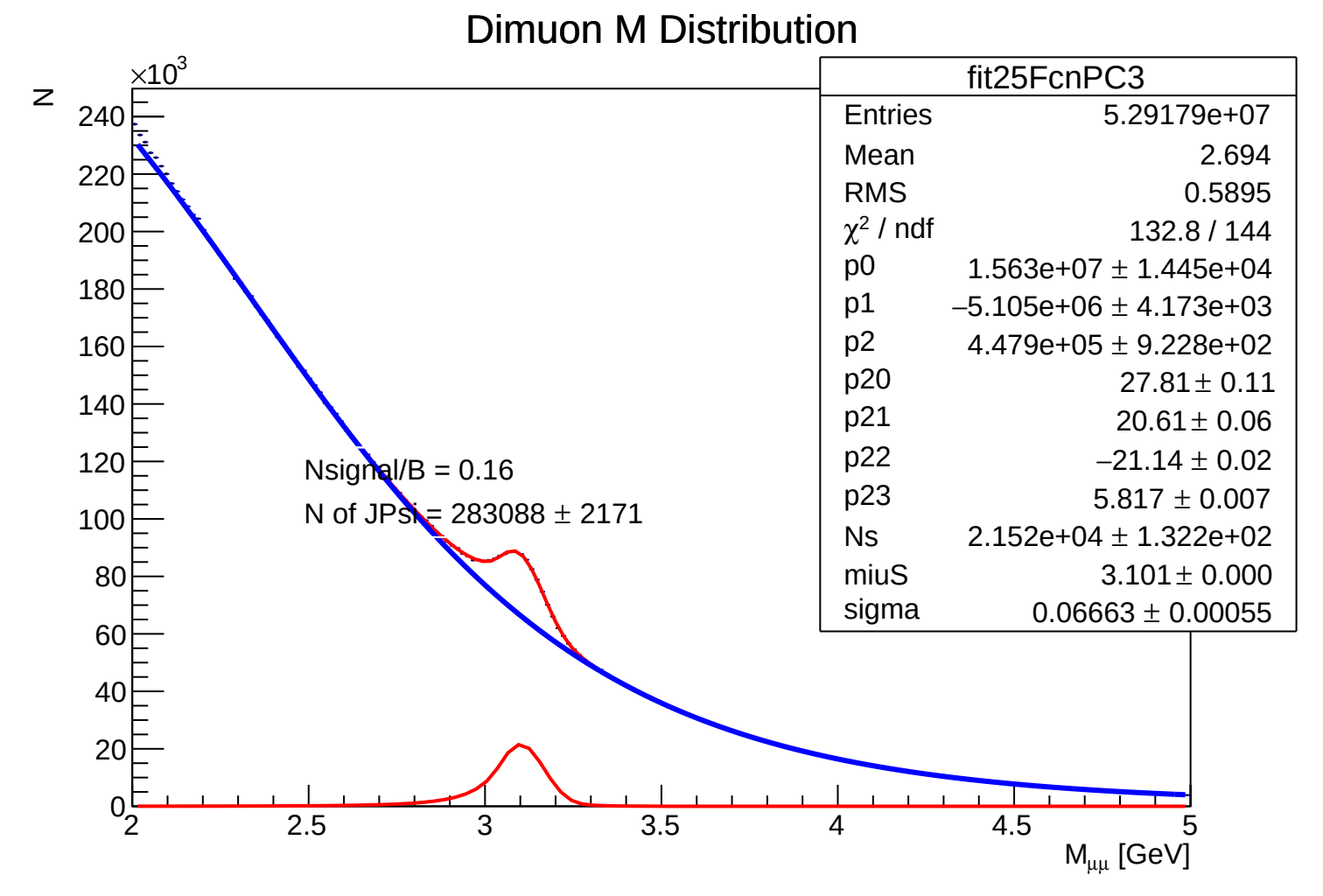
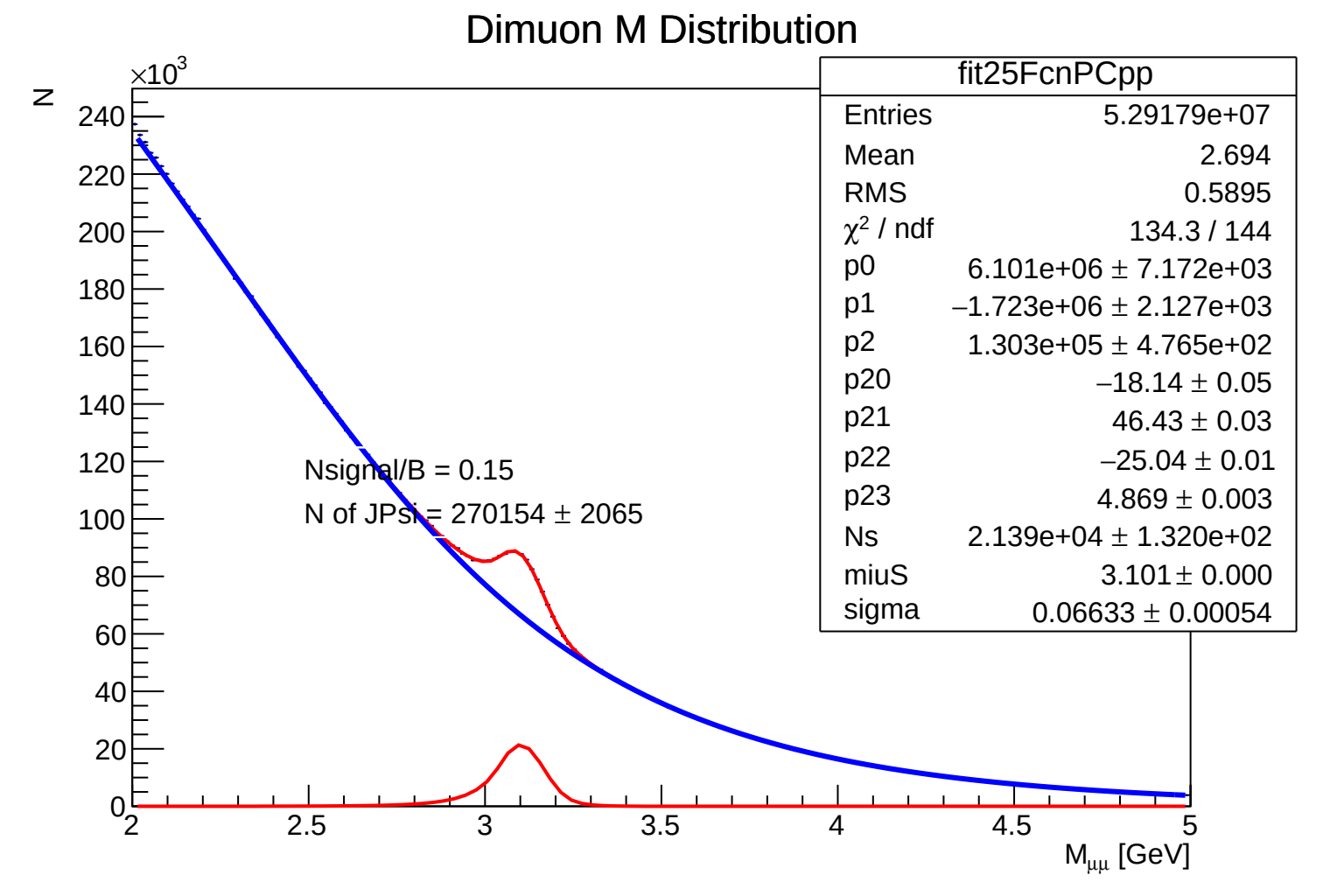
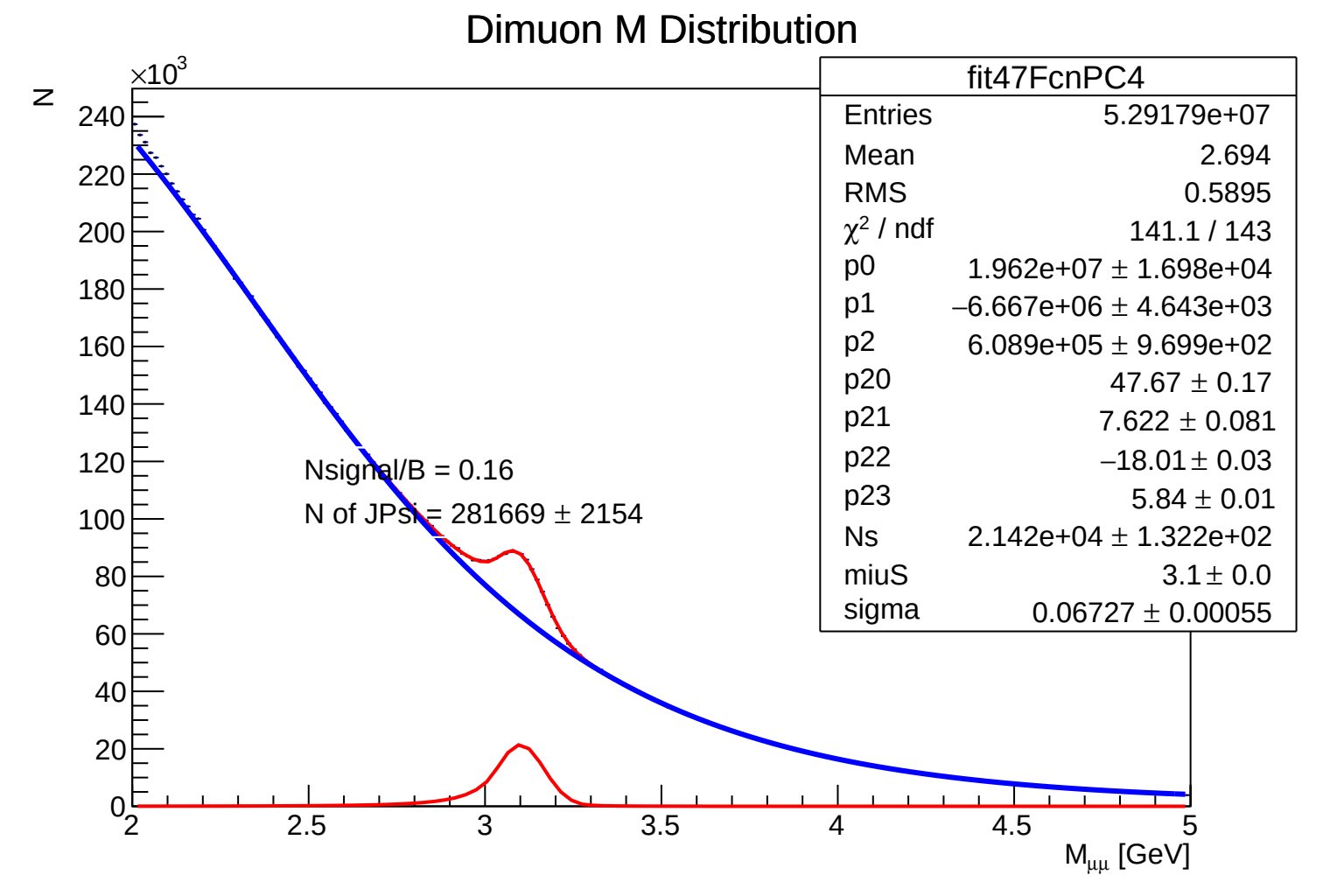
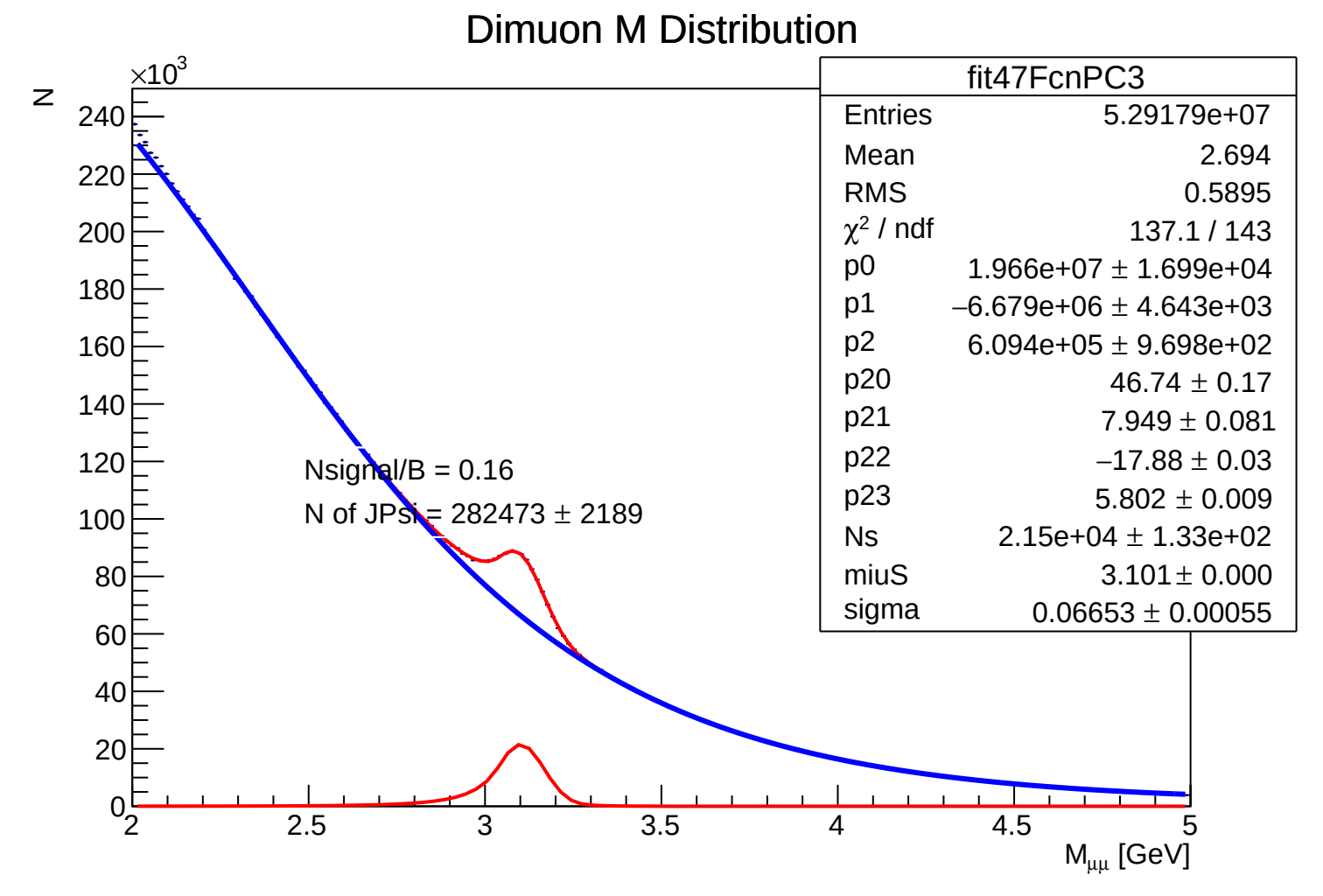
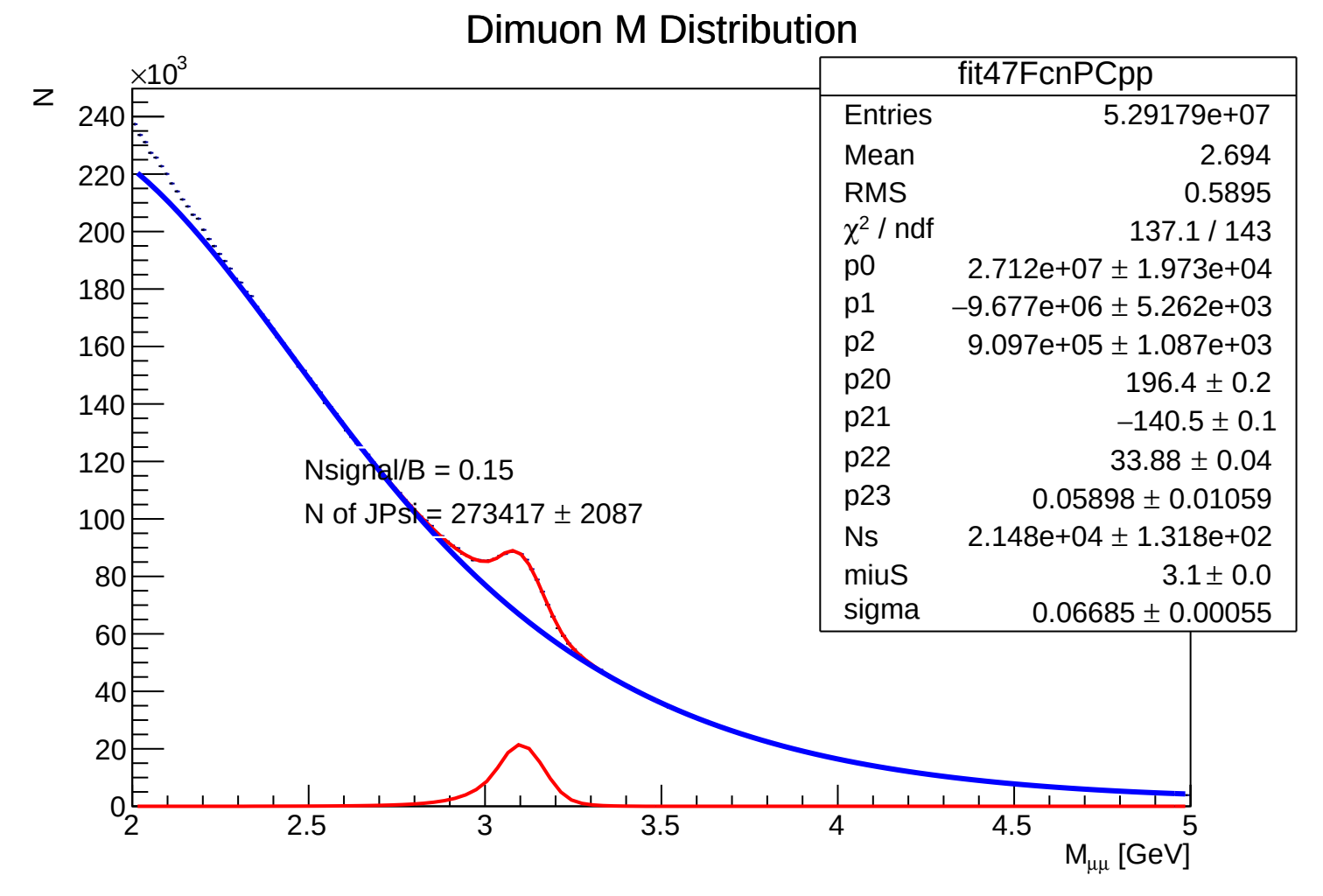

Dimuon M Distribution
N
×10^3
240
220
200
180
160
140
120
100
80
60
40
20
0
2
2.5
3
3.5
4
4.5
5
M_μμ [GeV]
Nsignal/B = 0.16
N of JPsi = 281713 ± 2133
fit25FcnPC4
Entries 5.29179e+07
Mean 2.694
RMS 0.5895
χ² / ndf 136.8 / 144
p0 1.153e+07 ± 1.135e+04
p1 −3.655e+06 ± 3.303e+03
p2 3.127e+05 ± 7.333e+02
p20 3.845 ± 0.081
p21 36.42 ± 0.04
p22 −24.57 ± 0.02
p23 5.624 ± 0.005
Ns 2.142e+04 ± 1.318e+02
miuS 3.1 ± 0.0
sigma 0.06727 ± 0.00055

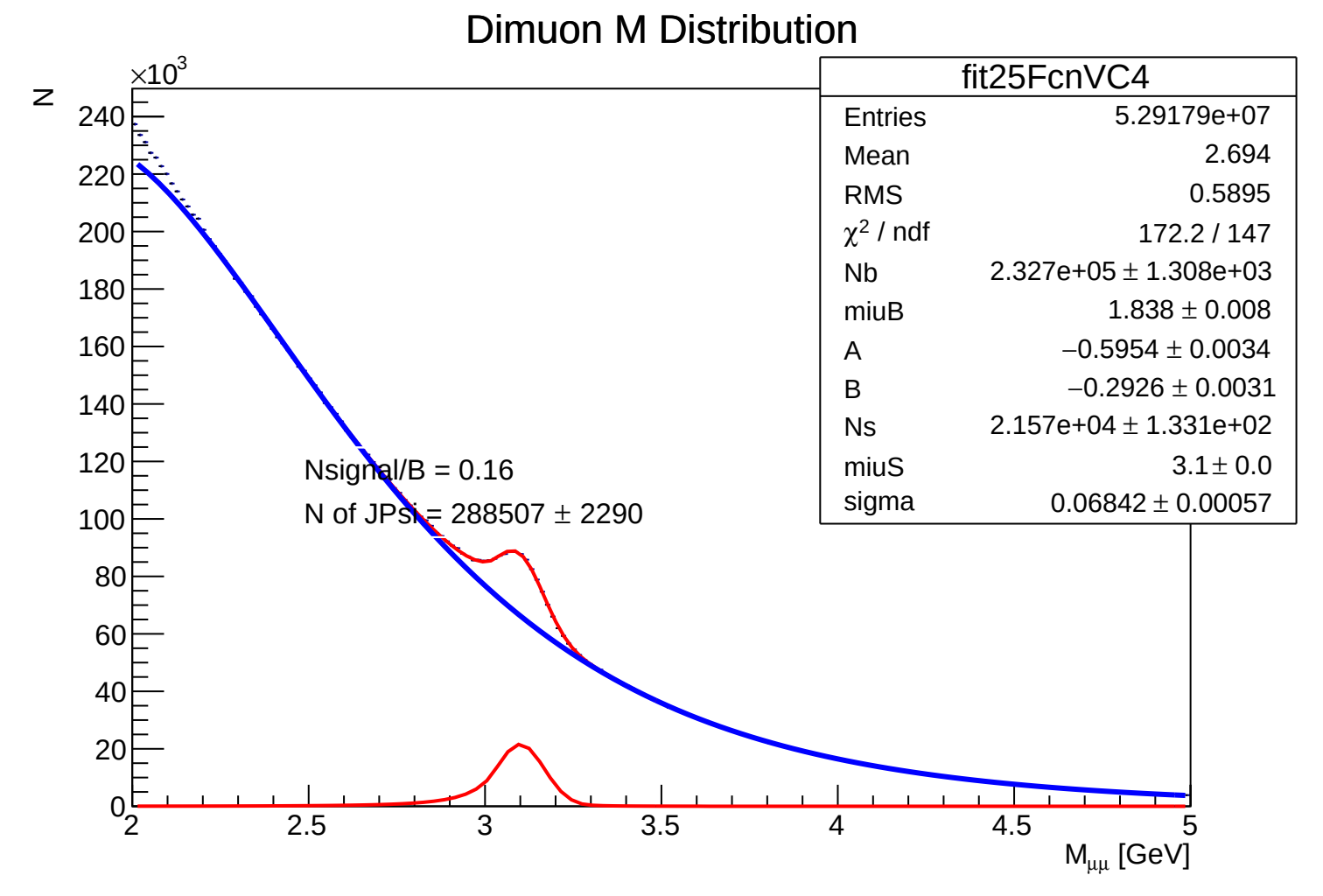

Dimuon M Distribution
N
×10^3
240
220
200
180
160
140
120
100
80
60
40
20
0
2
2.5
3
3.5
4
4.5
5
M_μμ [GeV]
Nsignal/B = 0.16
N of JPsi = 283088 ± 2171
fit25FcnPC3
Entries 5.29179e+07
Mean 2.694
RMS 0.5895
χ² / ndf 132.8 / 144
p0 1.563e+07 ± 1.445e+04
p1 −5.105e+06 ± 4.173e+03
p2 4.479e+05 ± 9.228e+02
p20 27.81 ± 0.11
p21 20.61 ± 0.06
p22 −21.14 ± 0.02
p23 5.817 ± 0.007
Ns 2.152e+04 ± 1.322e+02
miuS 3.101 ± 0.000
sigma 0.06663 ± 0.00055

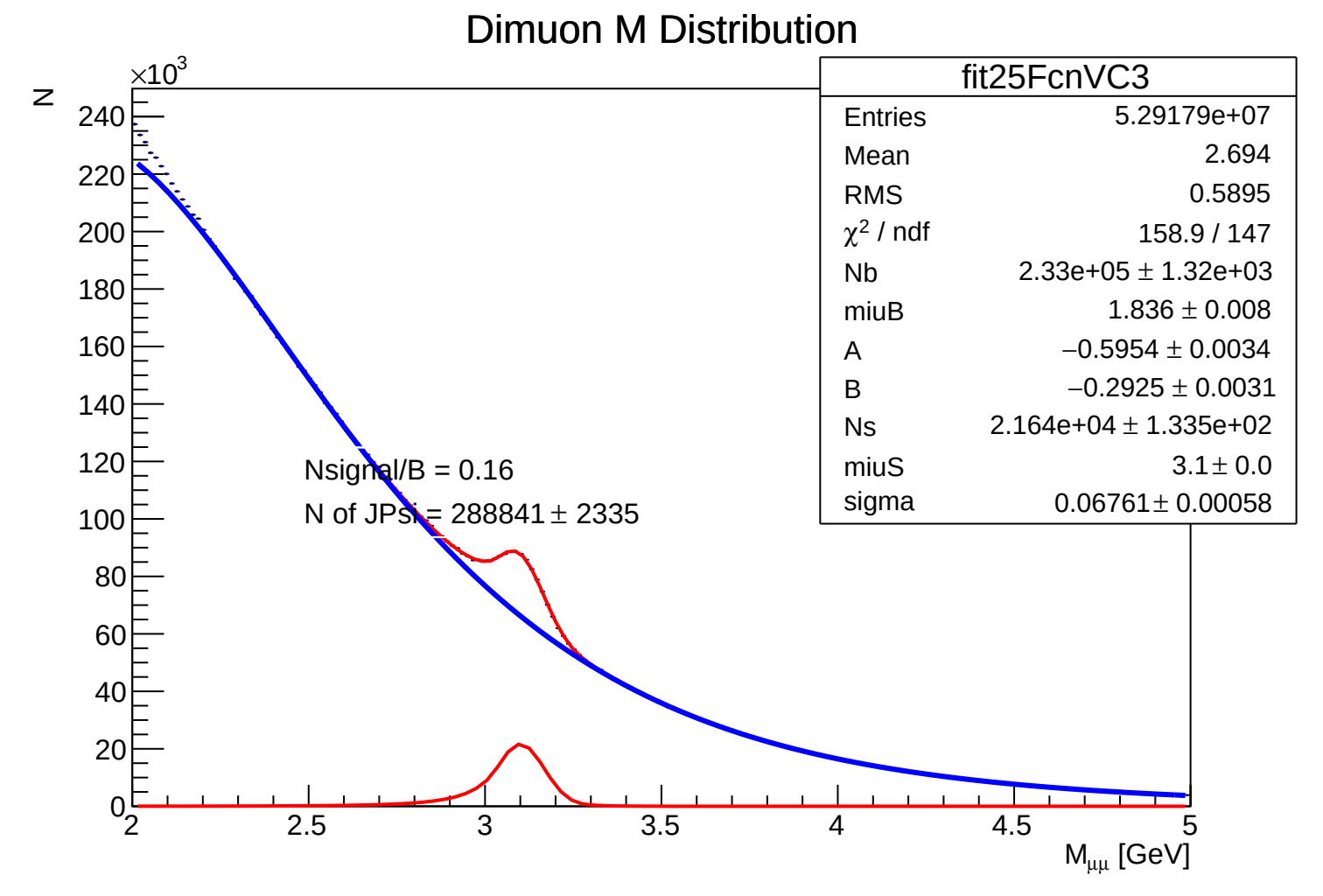

Dimuon M Distribution
N
×10^3
240
220
200
180
160
140
120
100
80
60
40
20
0
2
2.5
3
3.5
4
4.5
5
M_μμ [GeV]
Nsignal/B = 0.15
N of JPsi = 270154 ± 2065
fit25FcnPCpp
Entries 5.29179e+07
Mean 2.694
RMS 0.5895
χ² / ndf 134.3 / 144
p0 6.101e+06 ± 7.172e+03
p1 −1.723e+06 ± 2.127e+03
p2 1.303e+05 ± 4.765e+02
p20 −18.14 ± 0.05
p21 46.43 ± 0.03
p22 −25.04 ± 0.01
p23 4.869 ± 0.003
Ns 2.139e+04 ± 1.320e+02
miuS 3.101 ± 0.000
sigma 0.06633 ± 0.00054

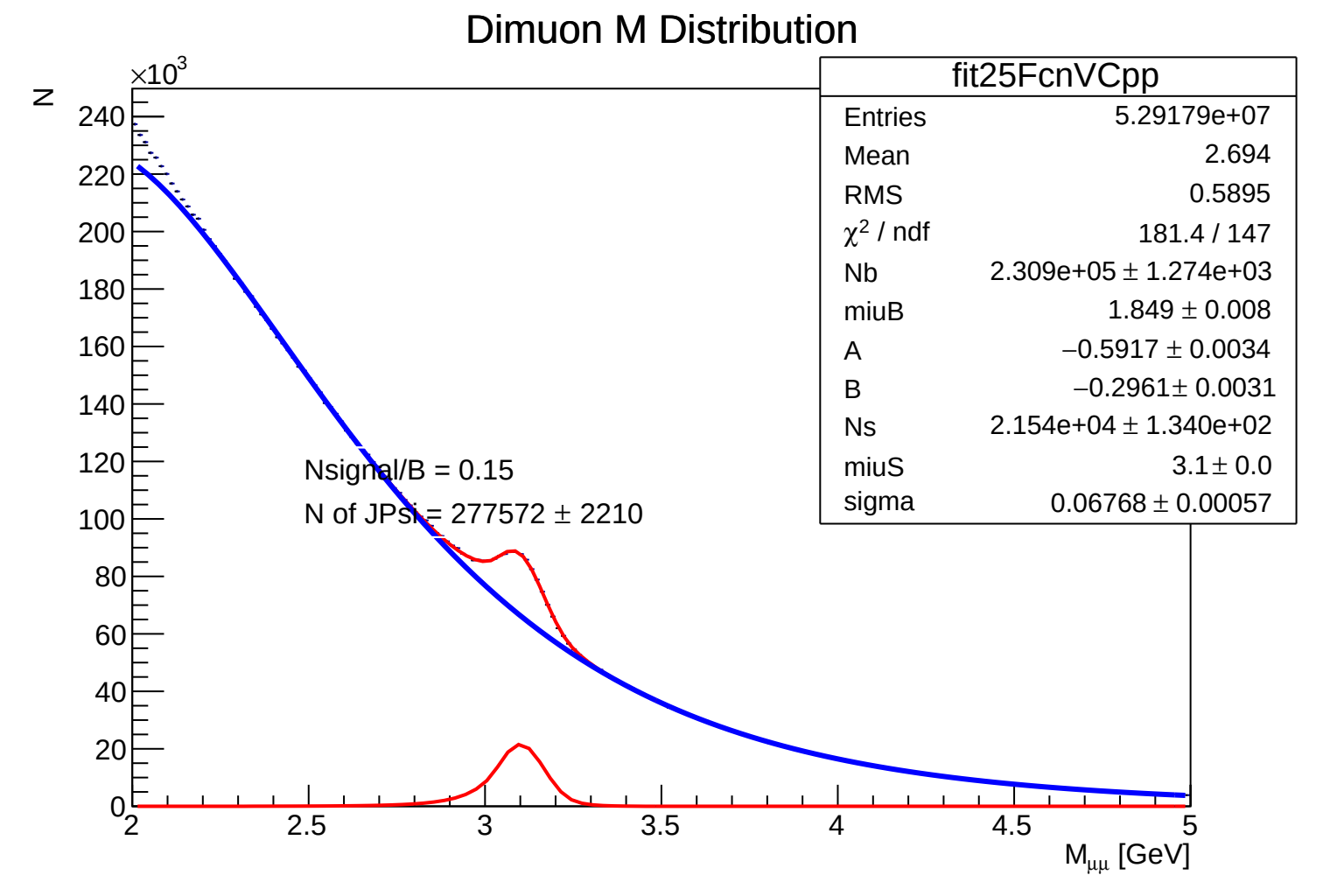

Dimuon M Distribution
N
×10^3
240
220
200
180
160
140
120
100
80
60
40
20
0
2
2.5
3
3.5
4
4.5
5
M_μμ [GeV]
Nsignal/B = 0.16
N of JPsi = 281669 ± 2154
fit47FcnPC4
Entries 5.29179e+07
Mean 2.694
RMS 0.5895
χ² / ndf 141.1 / 143
p0 1.962e+07 ± 1.698e+04
p1 −6.667e+06 ± 4.643e+03
p2 6.089e+05 ± 9.699e+02
p20 47.67 ± 0.17
p21 7.622 ± 0.081
p22 −18.01 ± 0.03
p23 5.84 ± 0.01
Ns 2.142e+04 ± 1.322e+02
miuS 3.1 ± 0.0
sigma 0.06727 ± 0.00055

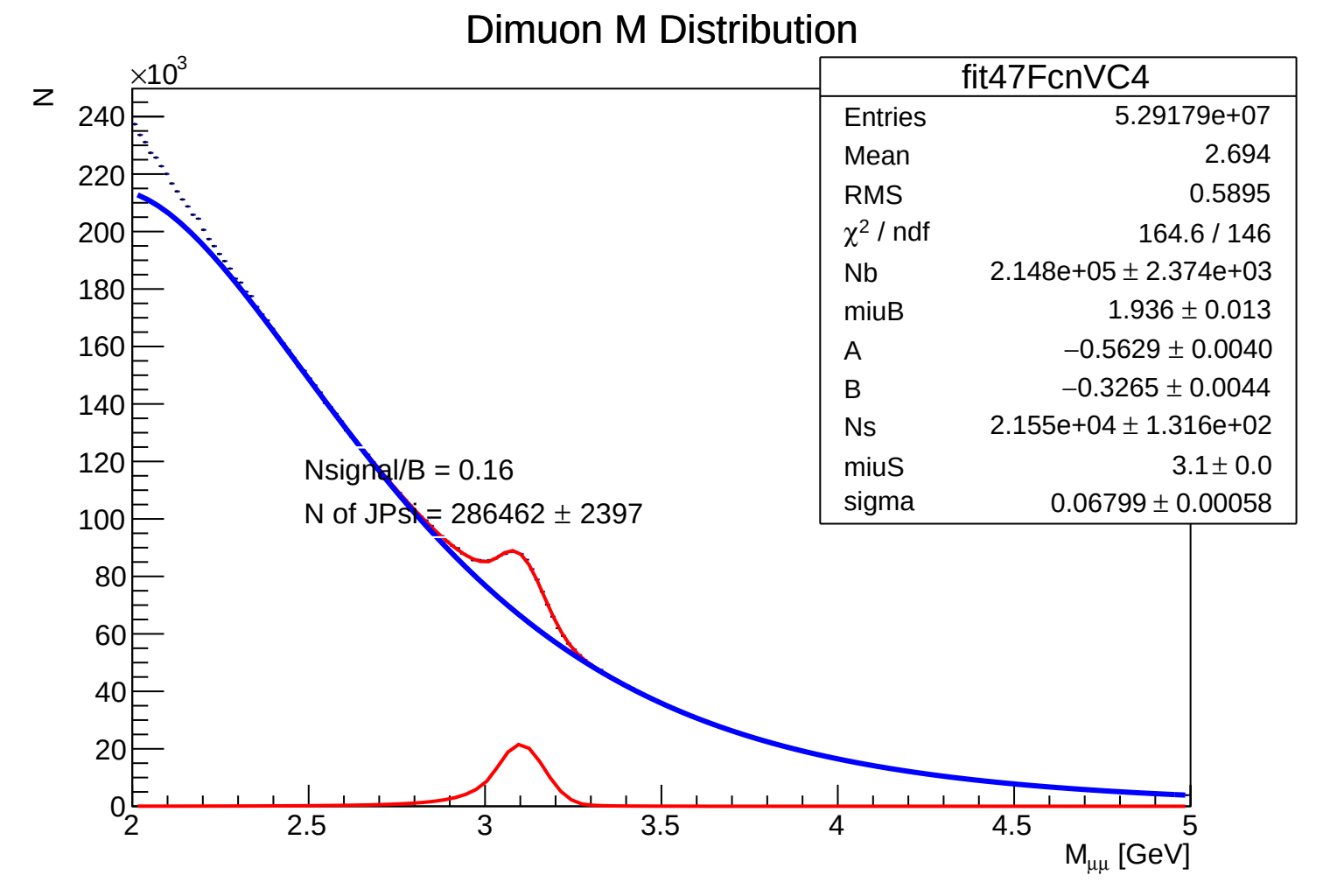

Dimuon M Distribution
N
×10^3
240
220
200
180
160
140
120
100
80
60
40
20
0
2
2.5
3
3.5
4
4.5
5
M_μμ [GeV]
Nsignal/B = 0.16
N of JPsi = 282473 ± 2189
fit47FcnPC3
Entries 5.29179e+07
Mean 2.694
RMS 0.5895
χ² / ndf 137.1 / 143
p0 1.966e+07 ± 1.699e+04
p1 −6.679e+06 ± 4.643e+03
p2 6.094e+05 ± 9.698e+02
p20 46.74 ± 0.17
p21 7.949 ± 0.081
p22 −17.88 ± 0.03
p23 5.802 ± 0.009
Ns 2.15e+04 ± 1.33e+02
miuS 3.101 ± 0.000
sigma 0.06653 ± 0.00055

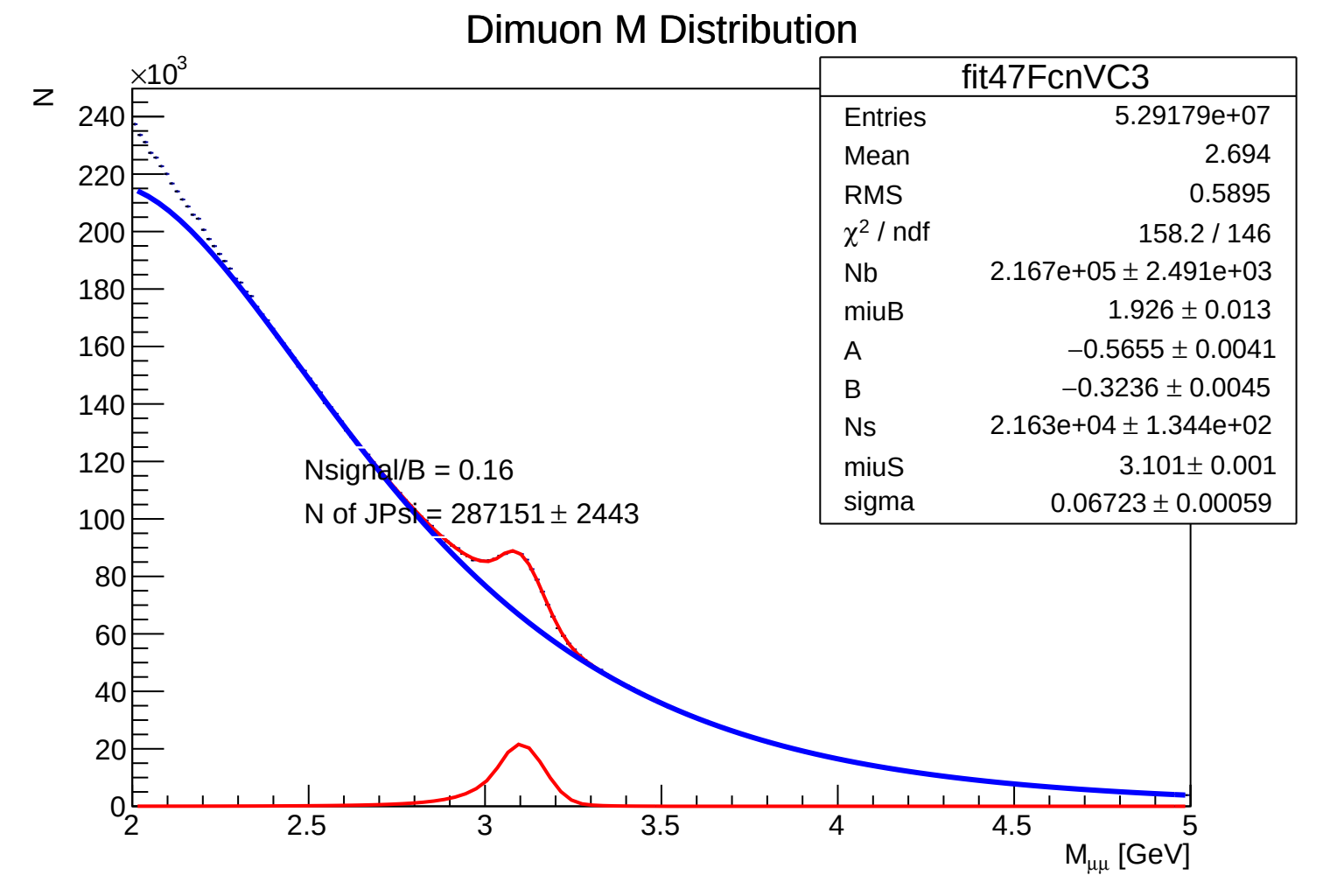

Dimuon M Distribution
N
×10^3
240
220
200
180
160
140
120
100
80
60
40
20
0
2
2.5
3
3.5
4
4.5
5
M_μμ [GeV]
Nsignal/B = 0.15
N of JPsi = 273417 ± 2087
fit47FcnPCpp
Entries 5.29179e+07
Mean 2.694
RMS 0.5895
χ² / ndf 137.1 / 143
p0 2.712e+07 ± 1.973e+04
p1 –9.677e+06 ± 5.262e+03
p2 9.097e+05 ± 1.087e+03
p20 196.4 ± 0.2
p21 –140.5 ± 0.1
p22 33.88 ± 0.04
p23 0.05898 ± 0.01059
Ns 2.148e+04 ± 1.318e+02
miuS 3.1 ± 0.0
sigma 0.06685 ± 0.00055

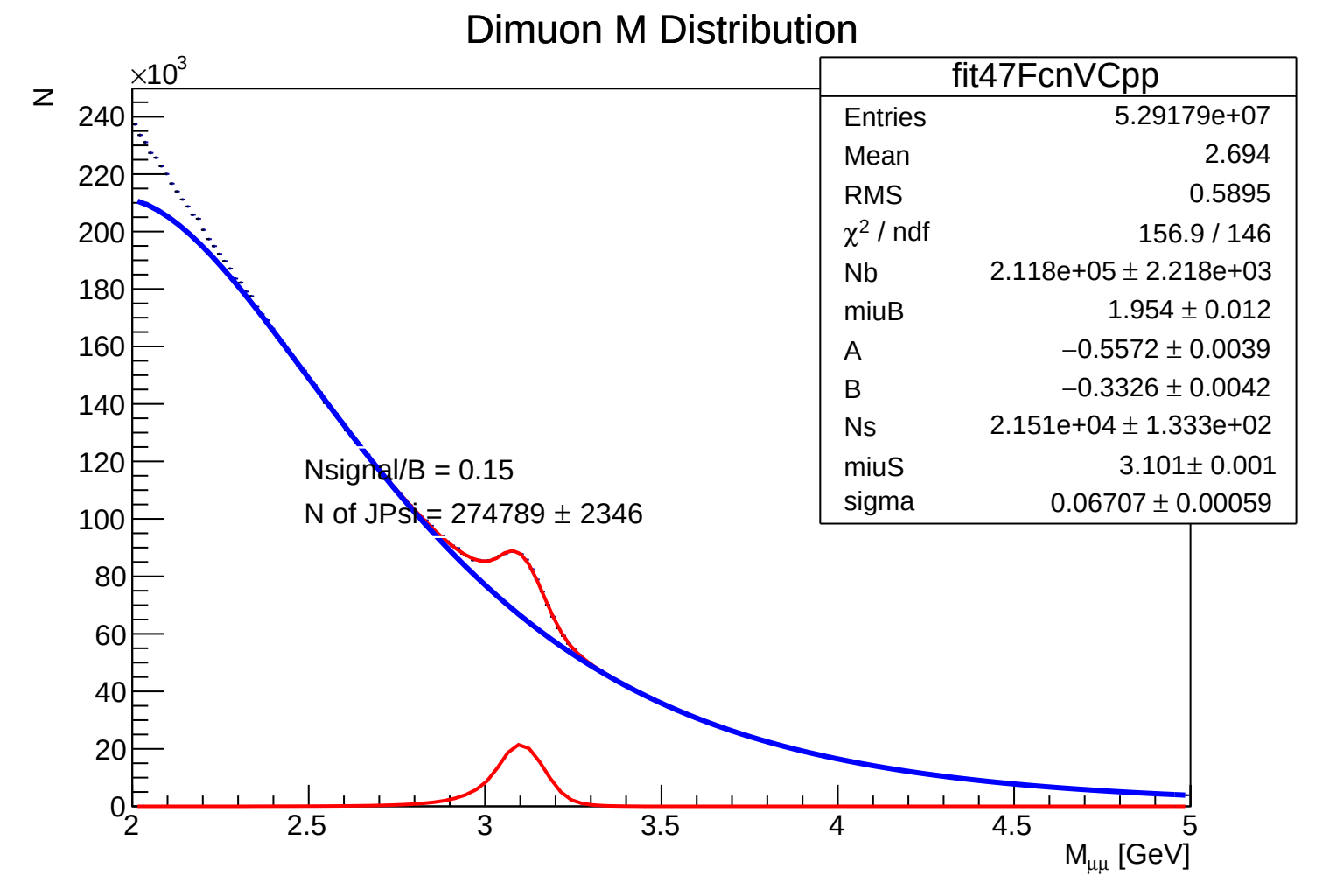

Dimuon M Distribution
N
×10^3
240
220
200
180
160
140
120
100
80
60
40
20
0
2
2.5
3
3.5
4
4.5
5
M_μμ [GeV]
Nsignal/B = 0.16
N of JPsi = 288507 ± 2290
fit25FcnVC4
Entries 5.29179e+07
Mean 2.694
RMS 0.5895
χ² / ndf 172.2 / 147
Nb 2.327e+05 ± 1.308e+03
miuB 1.838 ± 0.008
A −0.5954 ± 0.0034
B −0.2926 ± 0.0031
Ns 2.157e+04 ± 1.331e+02
miuS 3.1 ± 0.0
sigma 0.06842 ± 0.00057


Dimuon M Distribution
N
×10^3
240
220
200
180
160
140
120
100
80
60
40
20
0
2
2.5
3
3.5
4
4.5
5
M_μμ [GeV]
Nsignal/B = 0.16
N of JPsi = 288841 ± 2335
fit25FcnVC3
Entries 5.29179e+07
Mean 2.694
RMS 0.5895
χ² / ndf 158.9 / 147
Nb 2.33e+05 ± 1.32e+03
miuB 1.836 ± 0.008
A −0.5954 ± 0.0034
B −0.2925 ± 0.0031
Ns 2.164e+04 ± 1.335e+02
miuS 3.1 ± 0.0
sigma 0.06761 ± 0.00058


Dimuon M Distribution
N
×10^3
240
220
200
180
160
140
120
100
80
60
40
20
0
2
2.5
3
3.5
4
4.5
5
M_μμ [GeV]
Nsignal/B = 0.15
N of JPsi = 277572 ± 2210
fit25FcnVCpp
Entries 5.29179e+07
Mean 2.694
RMS 0.5895
χ² / ndf 181.4 / 147
Nb 2.309e+05 ± 1.274e+03
miuB 1.849 ± 0.008
A −0.5917 ± 0.0034
B −0.2961 ± 0.0031
Ns 2.154e+04 ± 1.340e+02
miuS 3.1 ± 0.0
sigma 0.06768 ± 0.00057


Dimuon M Distribution
N
×10^3
240
220
200
180
160
140
120
100
80
60
40
20
0
2
2.5
3
3.5
4
4.5
5
M_μμ [GeV]
Nsignal/B = 0.16
N of JPsi = 286462 ± 2397
fit47FcnVC4
Entries 5.29179e+07
Mean 2.694
RMS 0.5895
χ² / ndf 164.6 / 146
Nb 2.148e+05 ± 2.374e+03
miuB 1.936 ± 0.013
A −0.5629 ± 0.0040
B −0.3265 ± 0.0044
Ns 2.155e+04 ± 1.316e+02
miuS 3.1 ± 0.0
sigma 0.06799 ± 0.00058


Dimuon M Distribution
N
×10^3
240
220
200
180
160
140
120
100
80
60
40
20
0
2
2.5
3
3.5
4
4.5
5
M_μμ [GeV]
fit47FcnVC3
Entries 5.29179e+07
Mean 2.694
RMS 0.5895
χ² / ndf 158.2 / 146
Nb 2.167e+05 ± 2.491e+03
miuB 1.926 ± 0.013
A −0.5655 ± 0.0041
B −0.3236 ± 0.0045
Ns 2.163e+04 ± 1.344e+02
miuS 3.101± 0.001
sigma 0.06723 ± 0.00059
Nsignal/B = 0.16
N of JPsi = 287151 ± 2443


Dimuon M Distribution
fit47FcnVCpp
Entries 5.29179e+07
Mean 2.694
RMS 0.5895
χ² / ndf 156.9 / 146
Nb 2.118e+05 ± 2.218e+03
miuB 1.954 ± 0.012
A −0.5572 ± 0.0039
B −0.3326 ± 0.0042
Ns 2.151e+04 ± 1.333e+02
miuS 3.101± 0.001
sigma 0.06707 ± 0.00059
Nsignal/B = 0.15
N of JPsi = 274789 ± 2346
N
×10³
240
220
200
180
160
140
120
100
80
60
40
20
0
2
2.5
3
3.5
4
4.5
5
Mμμ [GeV]