

mjj

Events

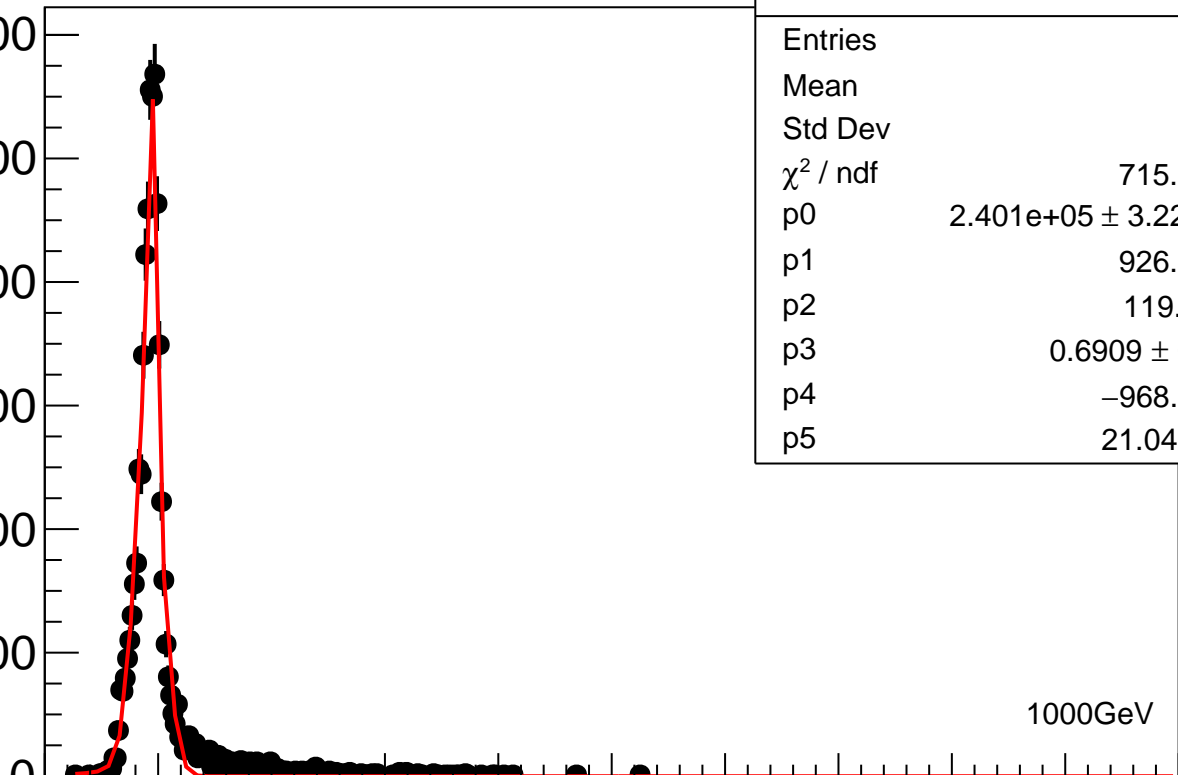
Scaled_mjj_mct5_13TeV_301298_Pythia8EvtGen_A14NNPDF23LO_ExcitedQ1000Lambda1000f1

Entries	6808
Mean	1002
Std Dev	323.6
χ^2 / ndf	715.5 / 134
p0	$2.401\text{e}+05 \pm 3.228\text{e}+03$
p1	926.9 ± 2.5
p2	119.4 ± 2.1
p3	0.6909 ± 0.0187
p4	-968.4 ± 2.3
p5	21.04 ± 1.04

1000GeV

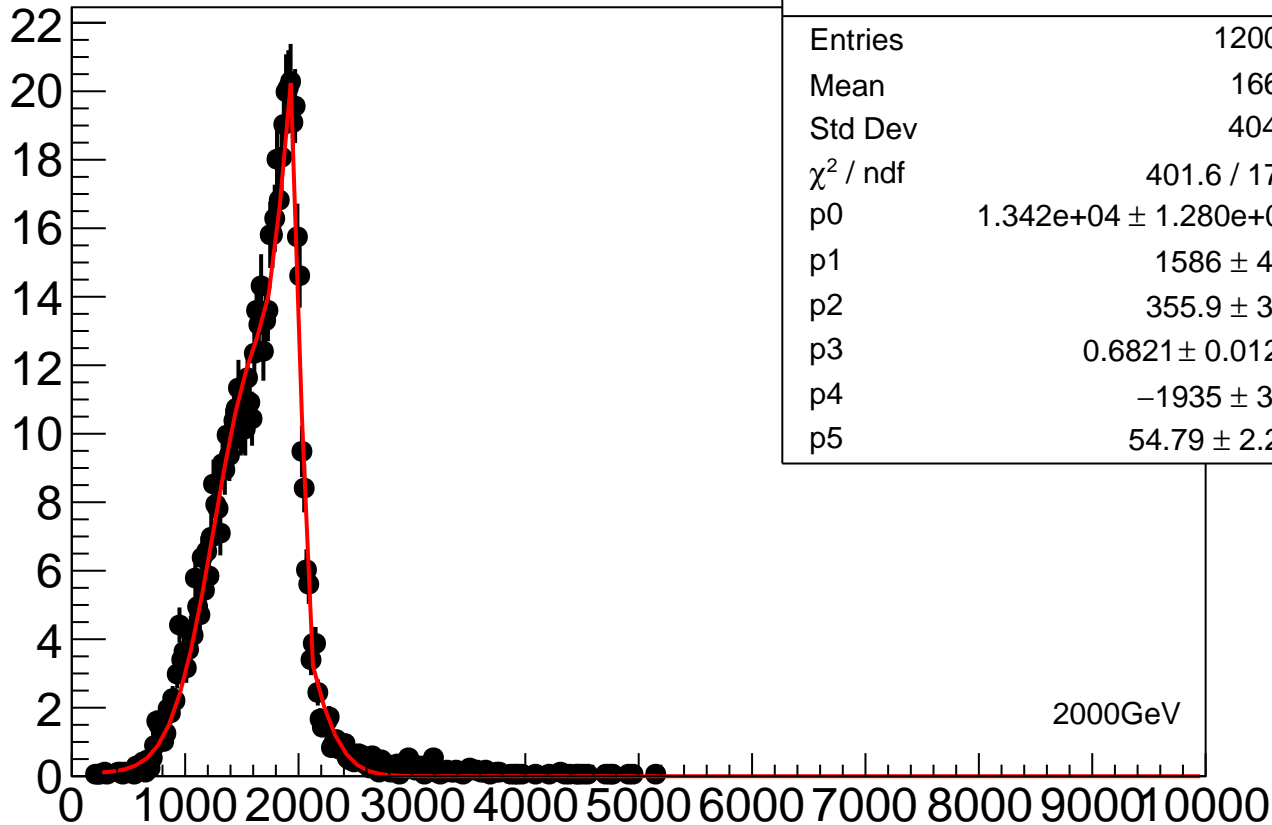
0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

mjj



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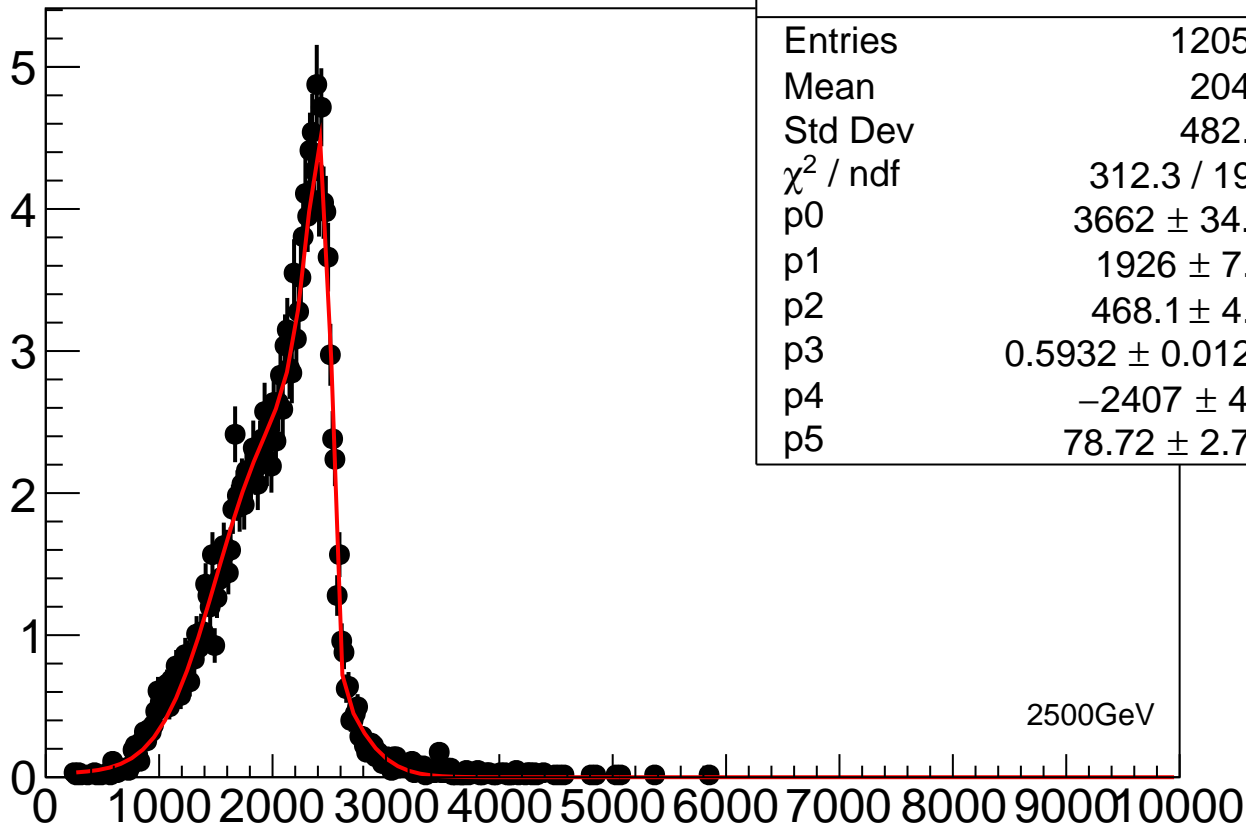
Events



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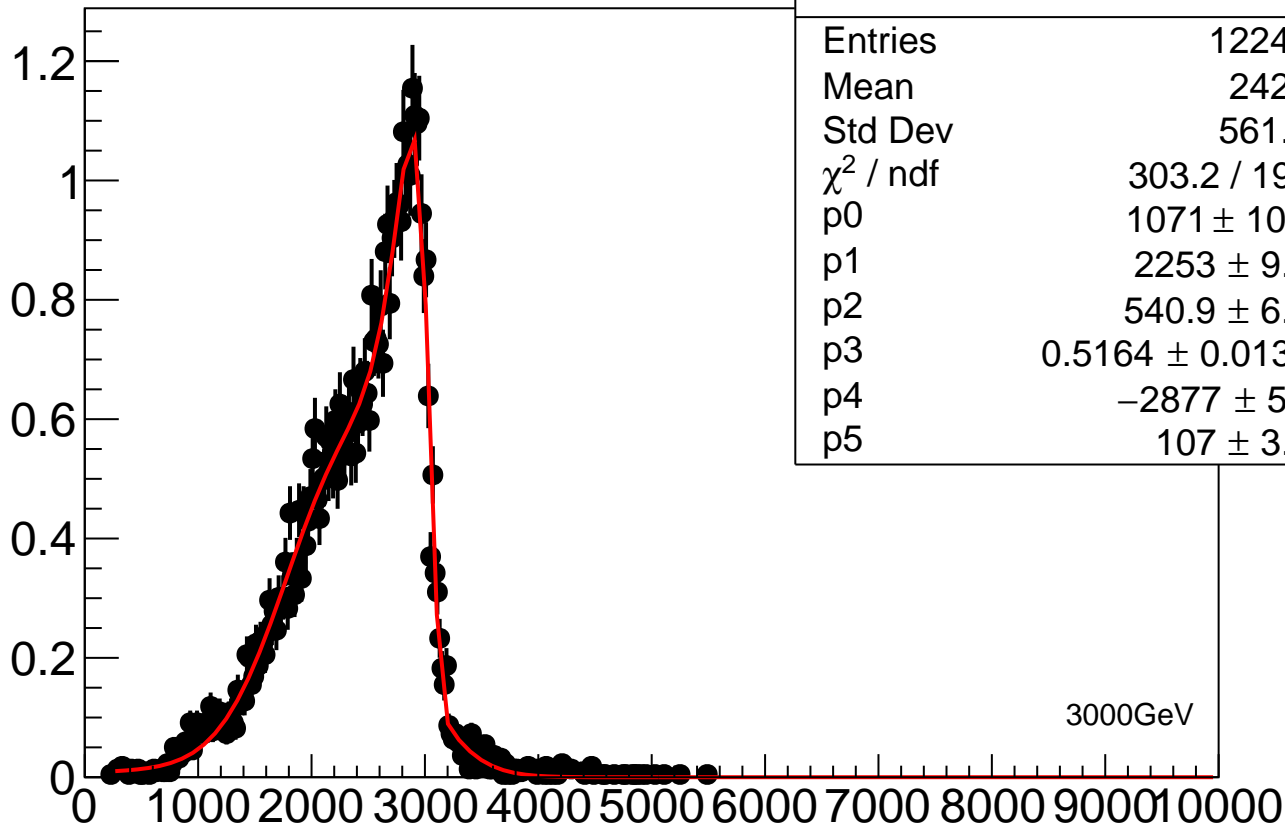
Events



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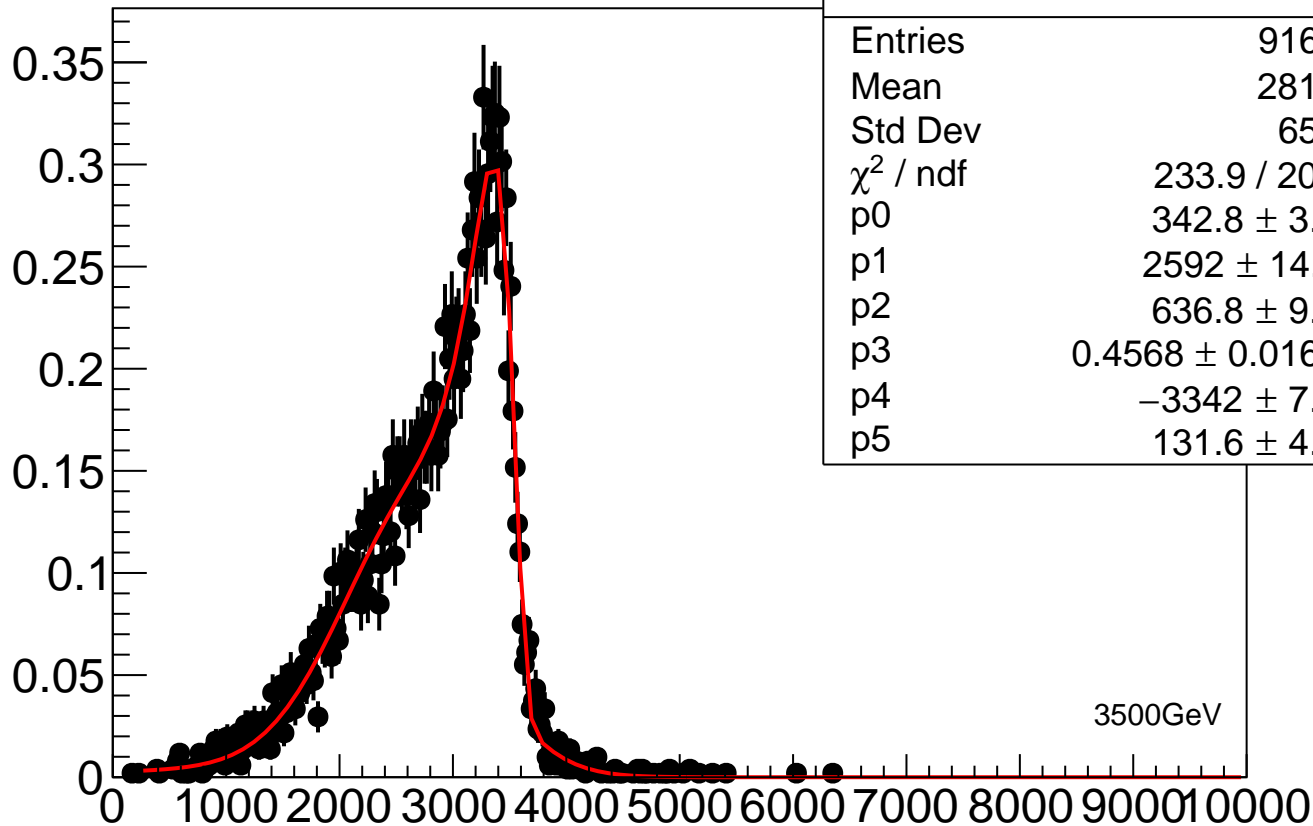
Events



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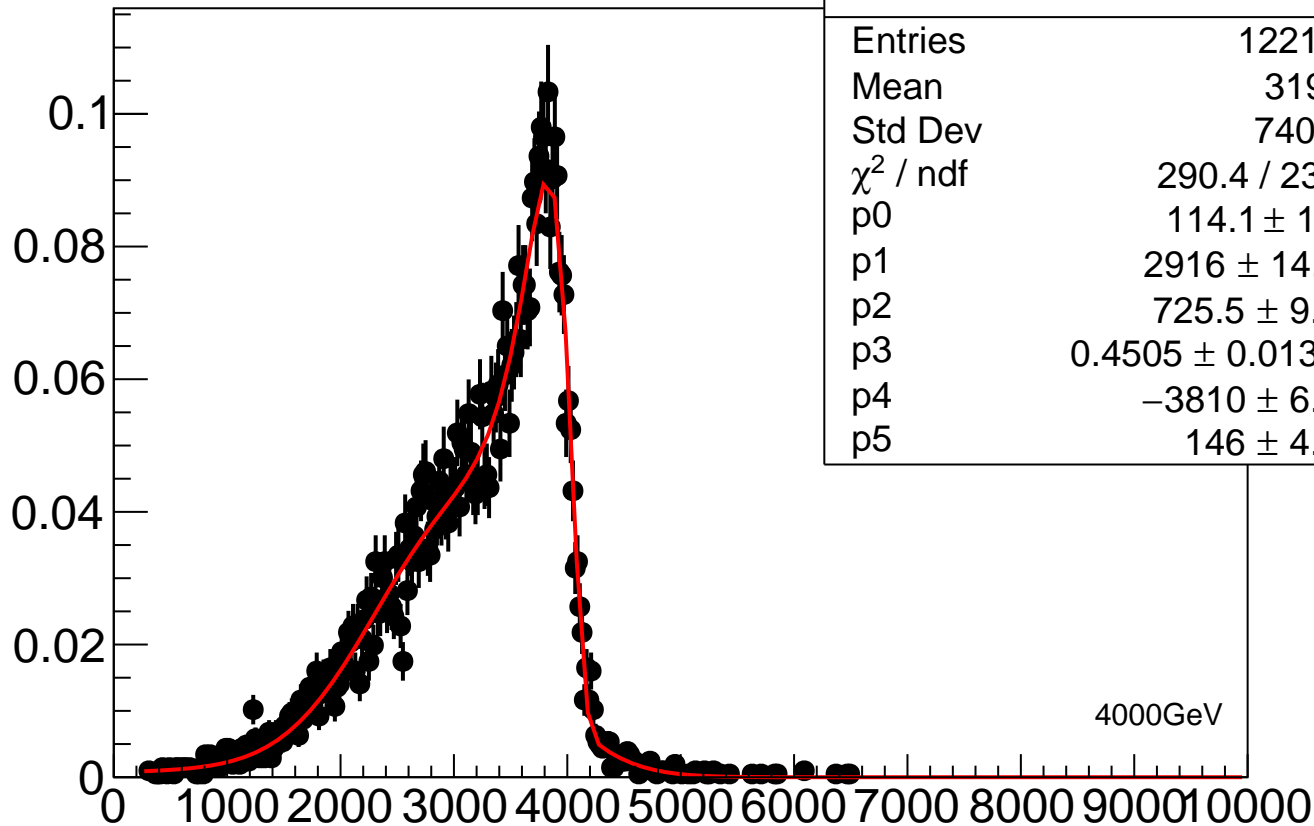
Events



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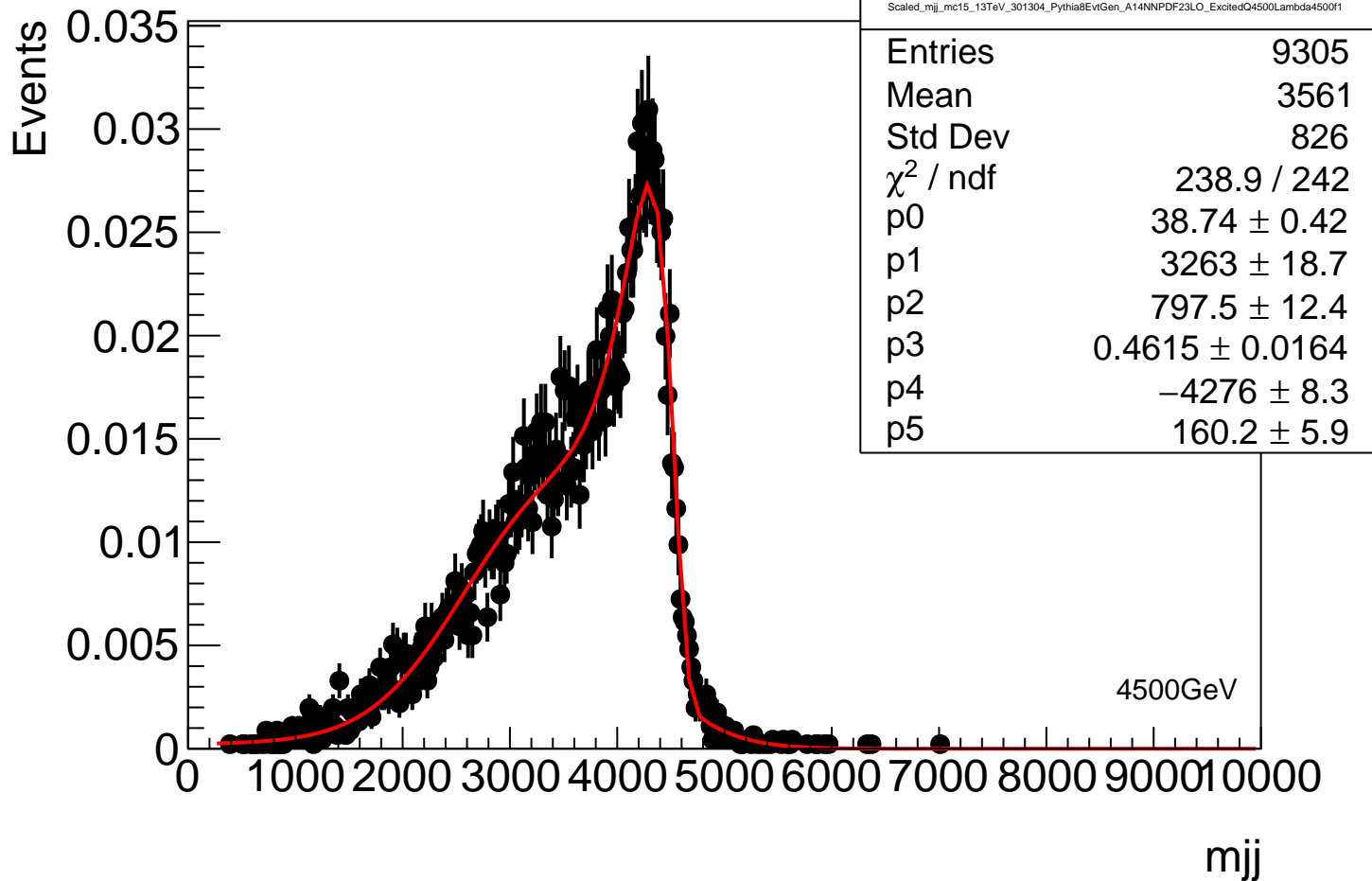
mjj

Events



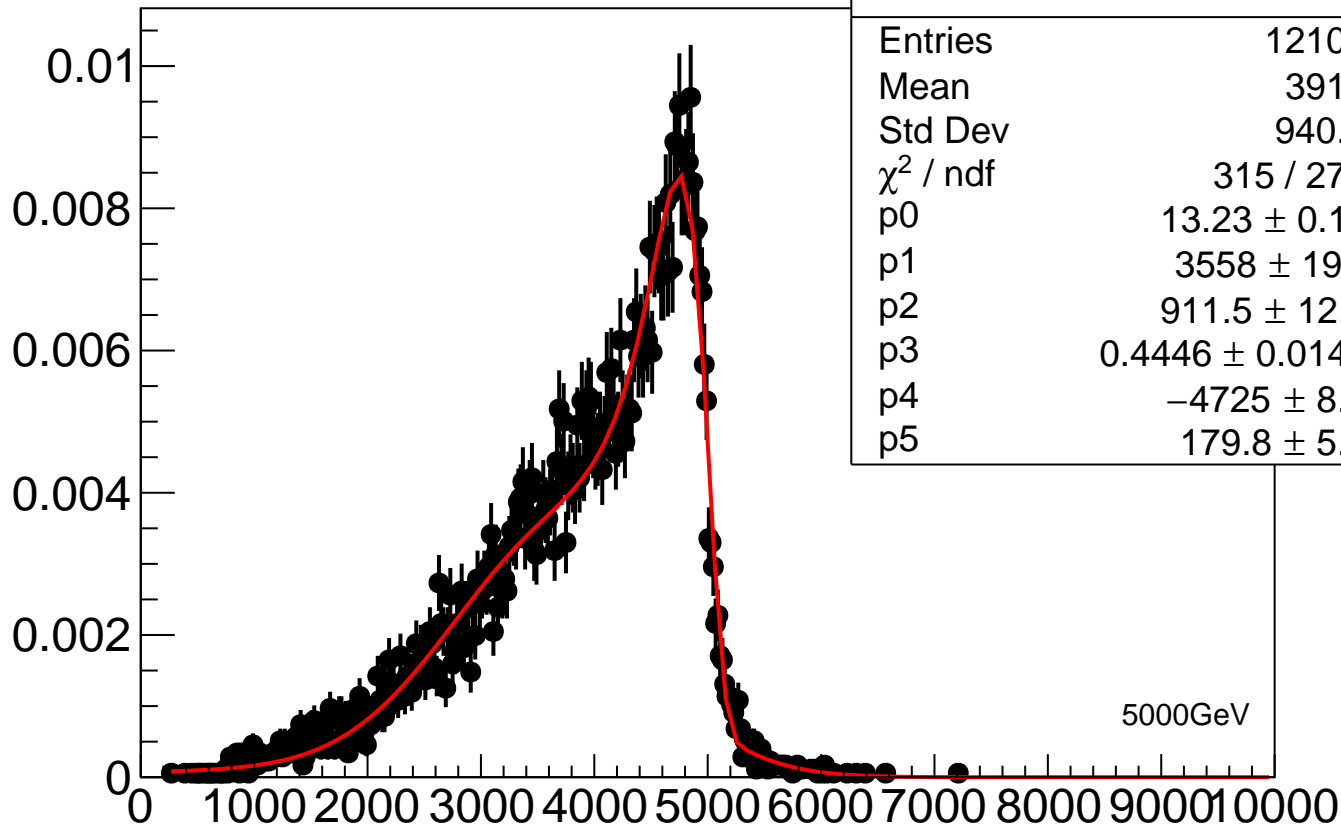
mjj

mjj



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Events



mjj

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Events

0.003

0.0025

0.002

0.0015

0.001

0.0005

0

0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

5500GeV

Entries	12093
Mean	4246
Std Dev	1083
χ^2 / ndf	333.4 / 295
p0	4.566 ± 0.044
p1	3763 ± 24.7
p2	1031 ± 16.7
p3	0.4028 ± 0.0147
p4	-5183 ± 9.8
p5	219.7 ± 6.5

mjj

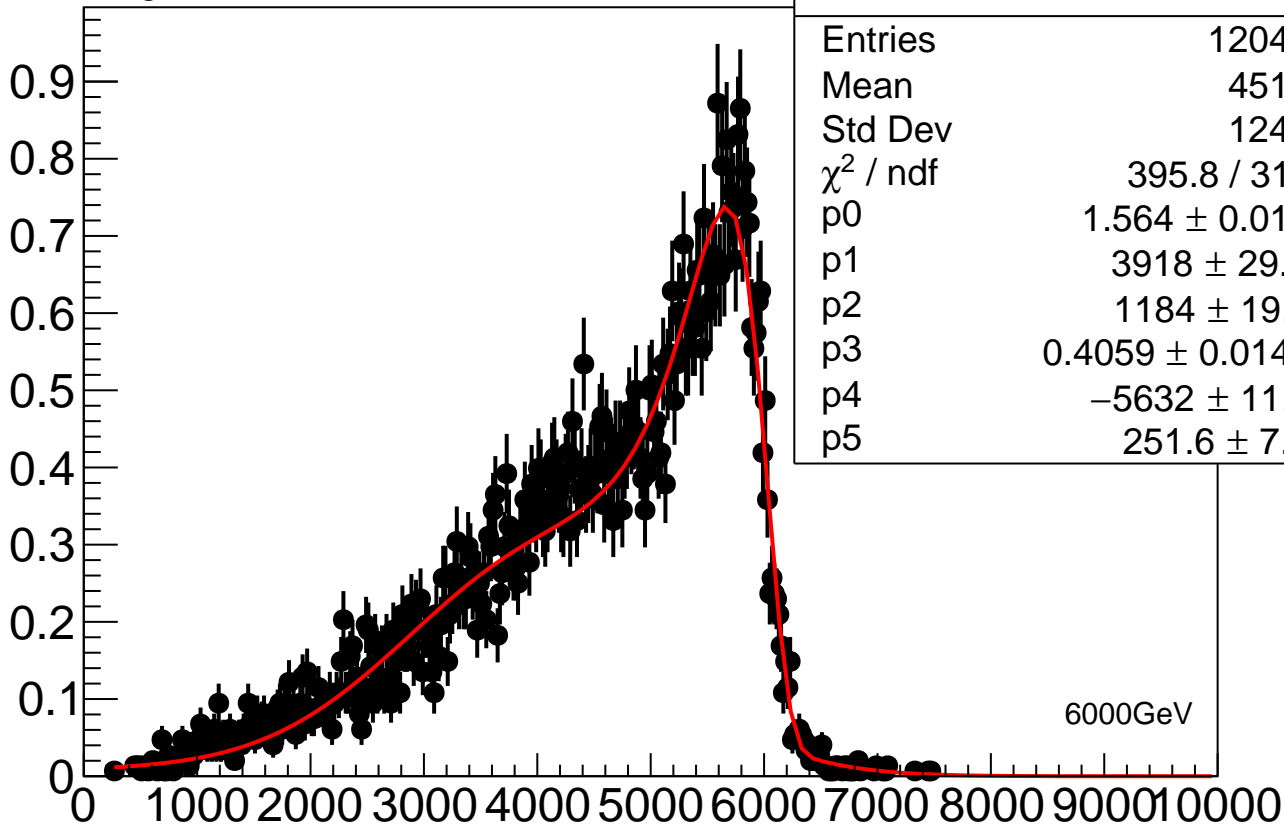
Events

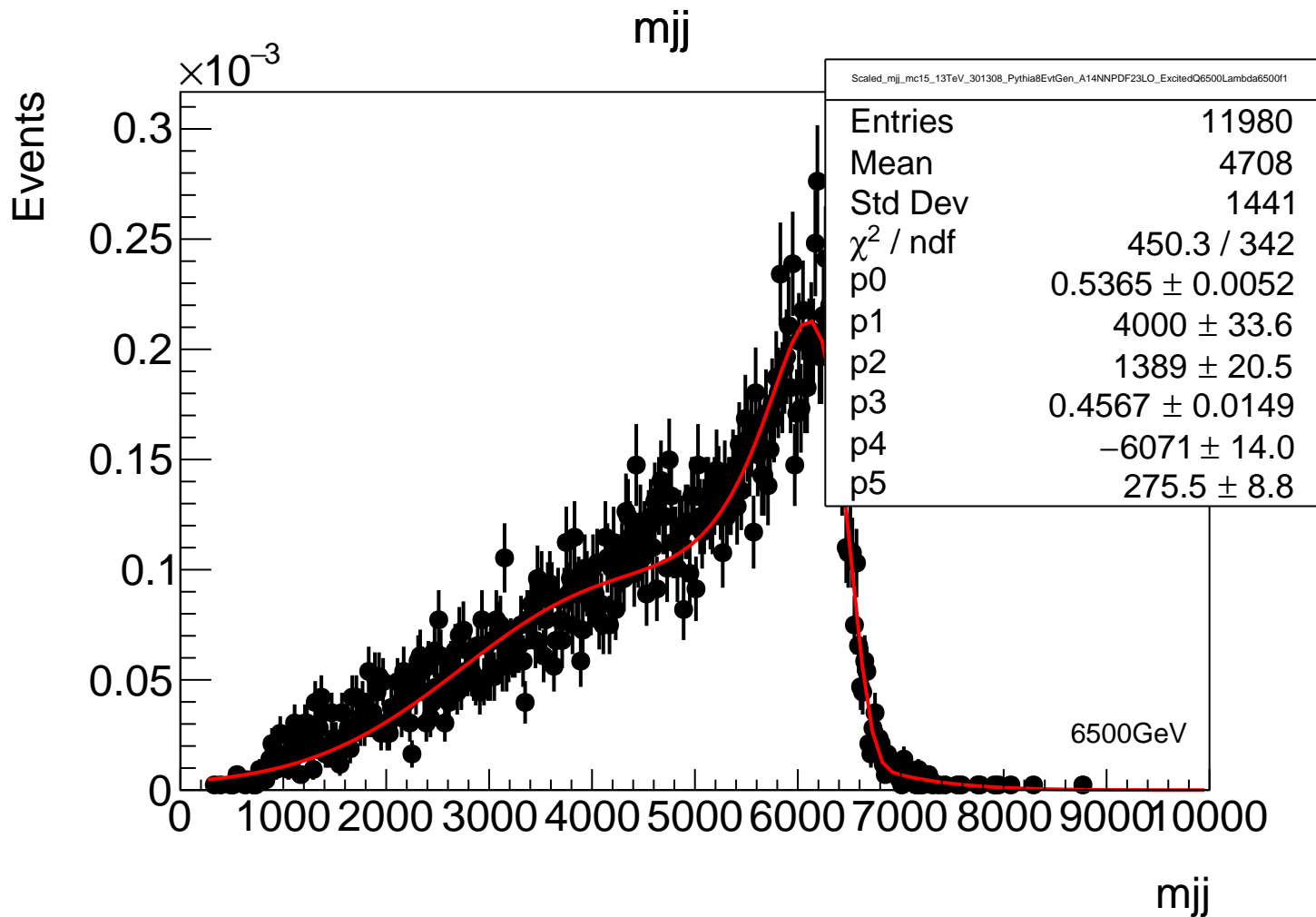
m_{jj} $\times 10^{-3}$

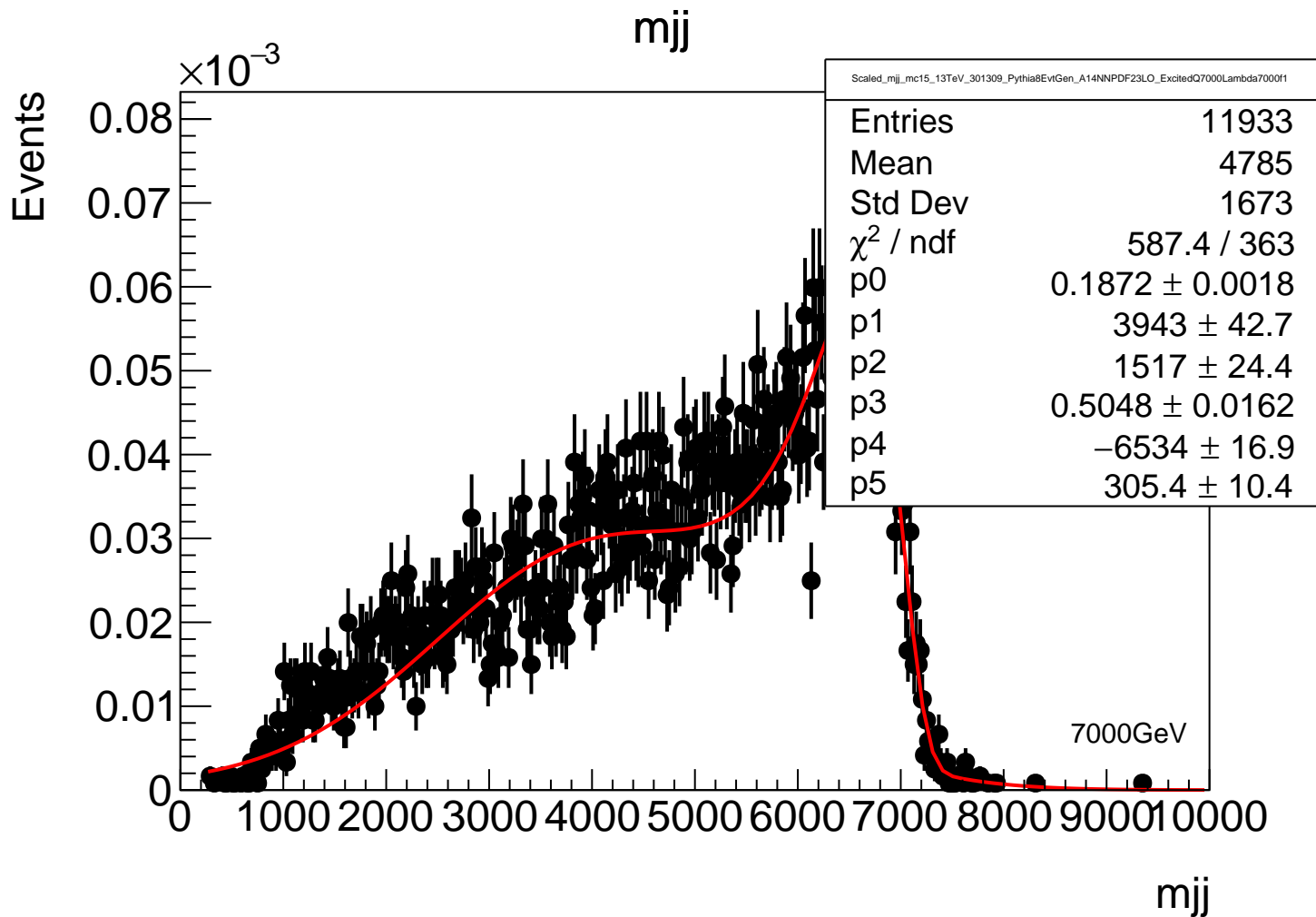
Scaled_mjj_mct15_13TeV_301307_Pythia8EvtGen_A14NNPDF23LO_ExcitedQ6000Lambda6000f1

Entries	12049
Mean	4518
Std Dev	1246
χ^2 / ndf	395.8 / 319
p0	1.564 ± 0.015
p1	3918 ± 29.4
p2	1184 ± 19.3
p3	0.4059 ± 0.0149
p4	-5632 ± 11.9
p5	251.6 ± 7.7

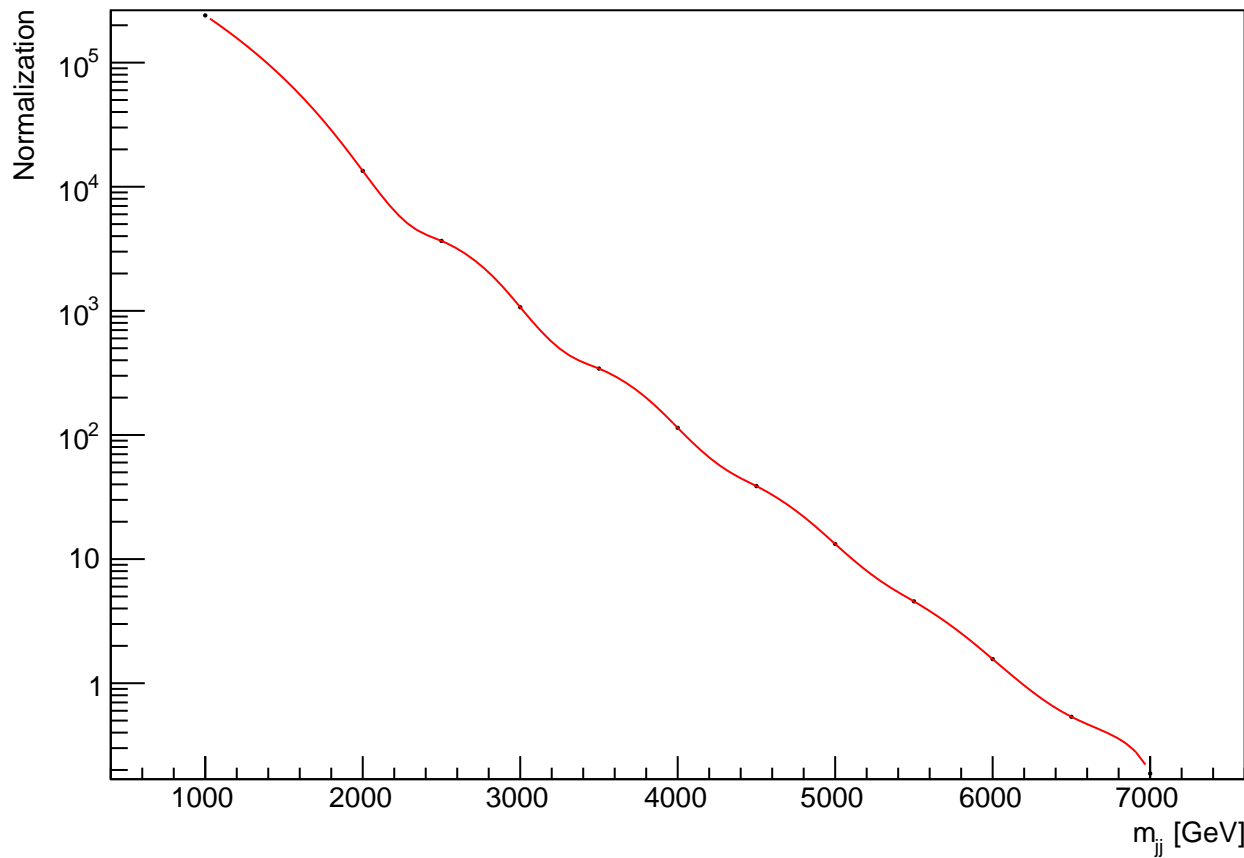
6000GeV

m_{jj}

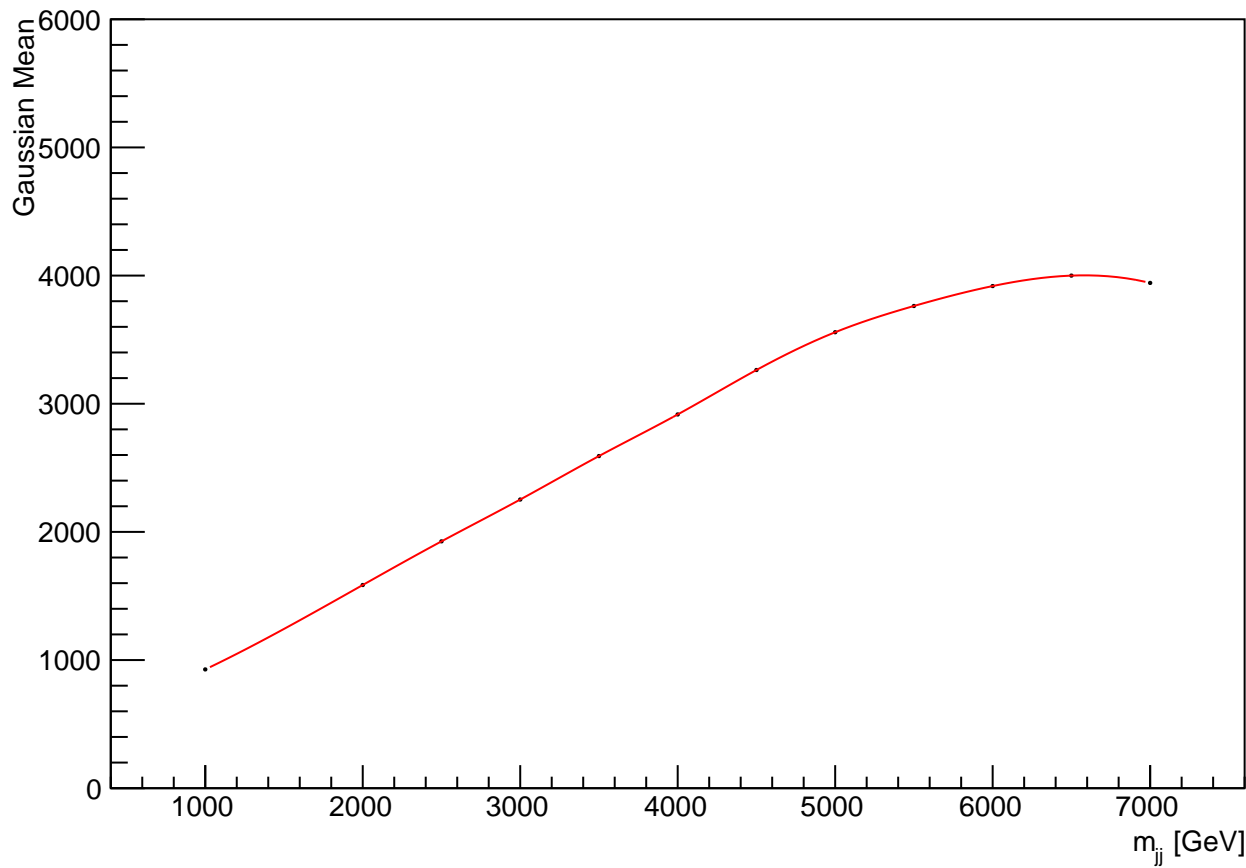




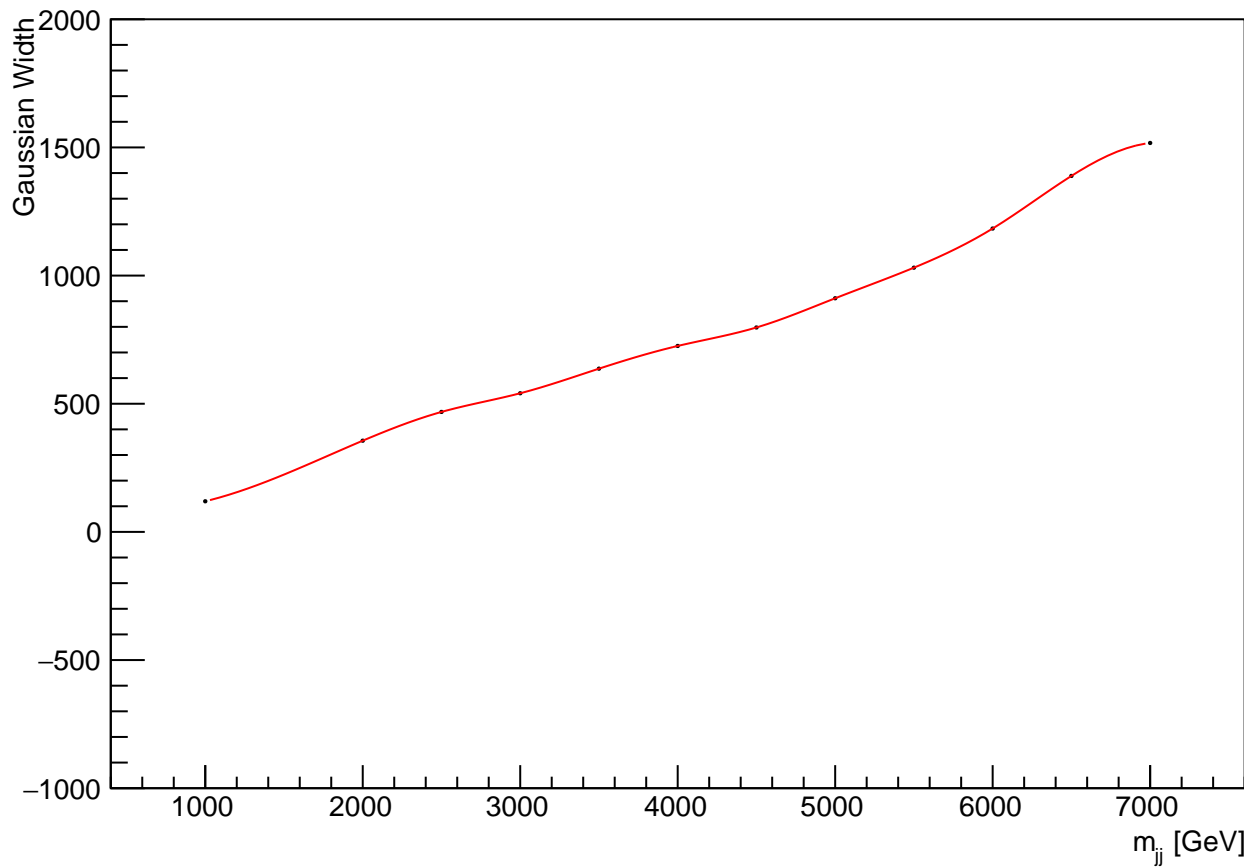
Graph



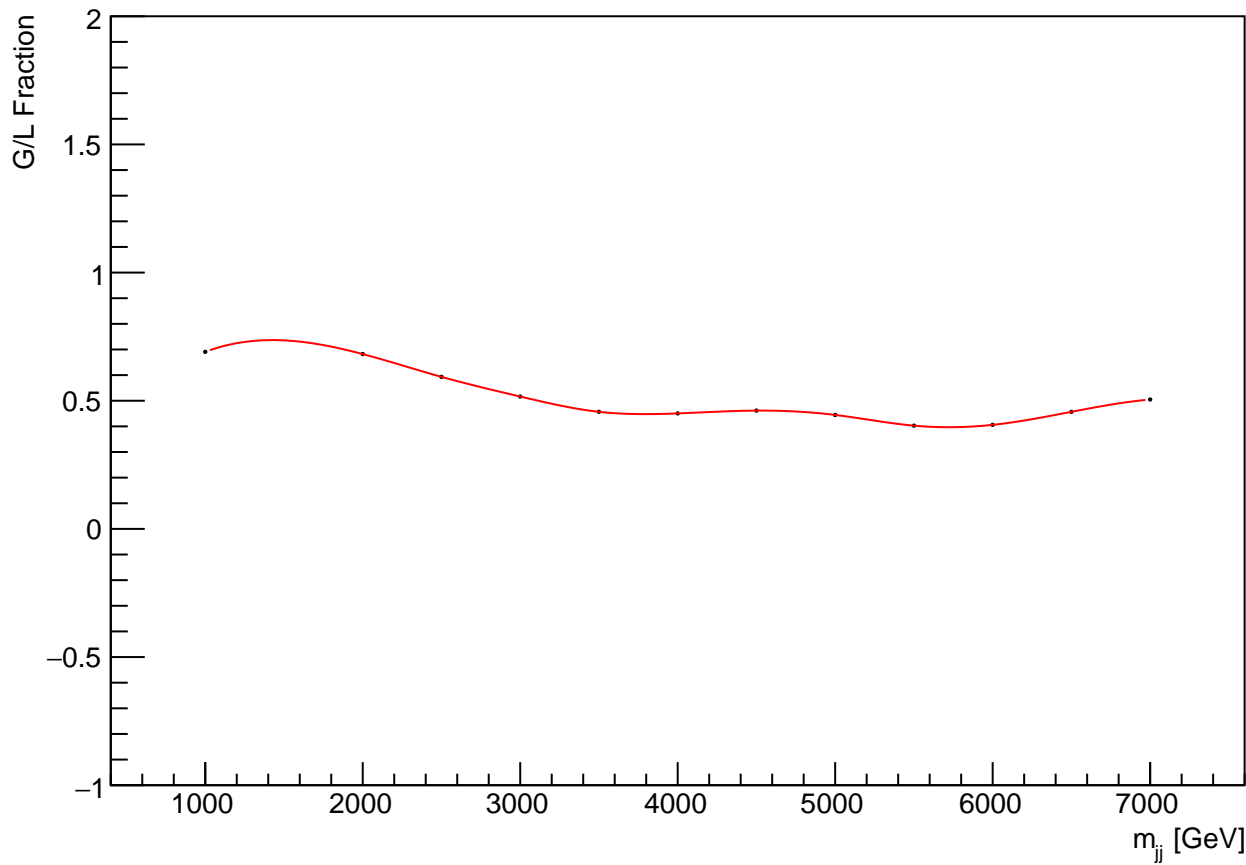
Graph



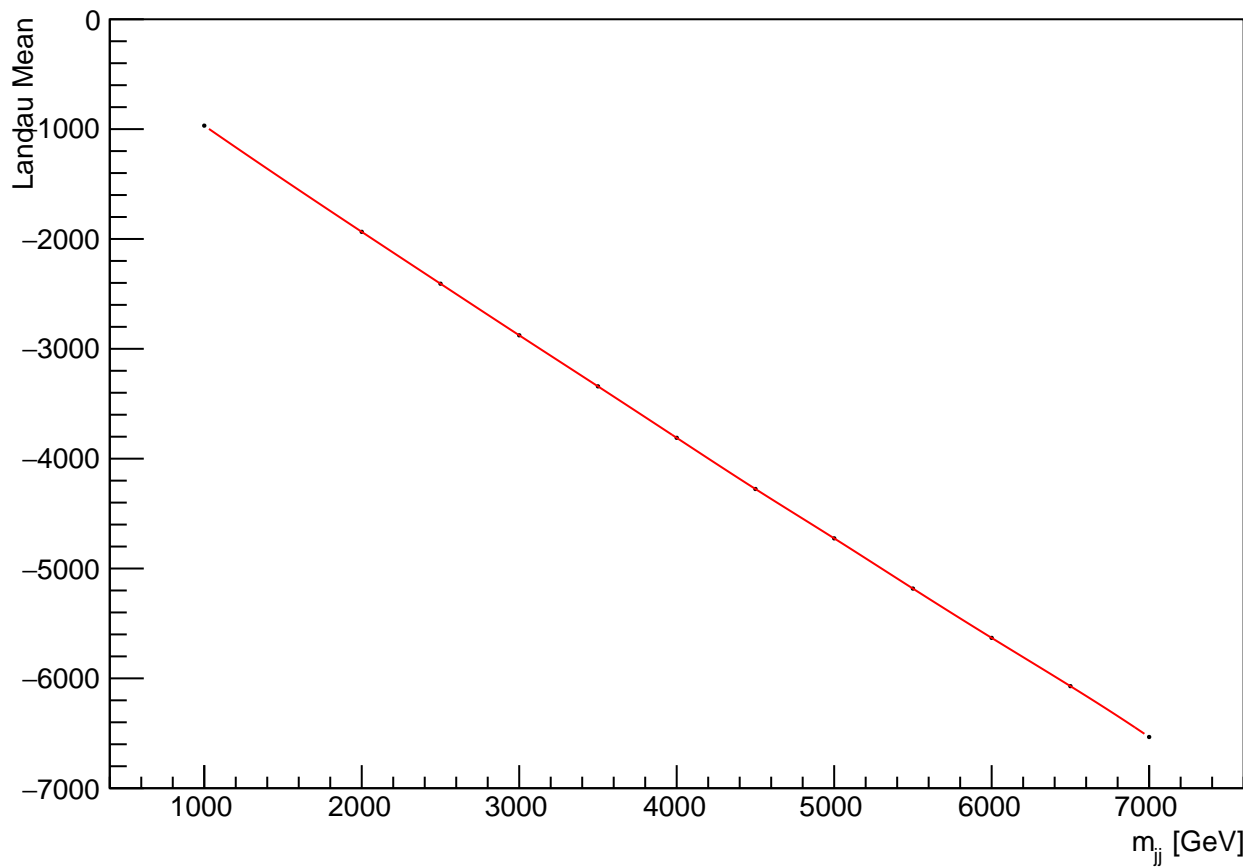
Graph



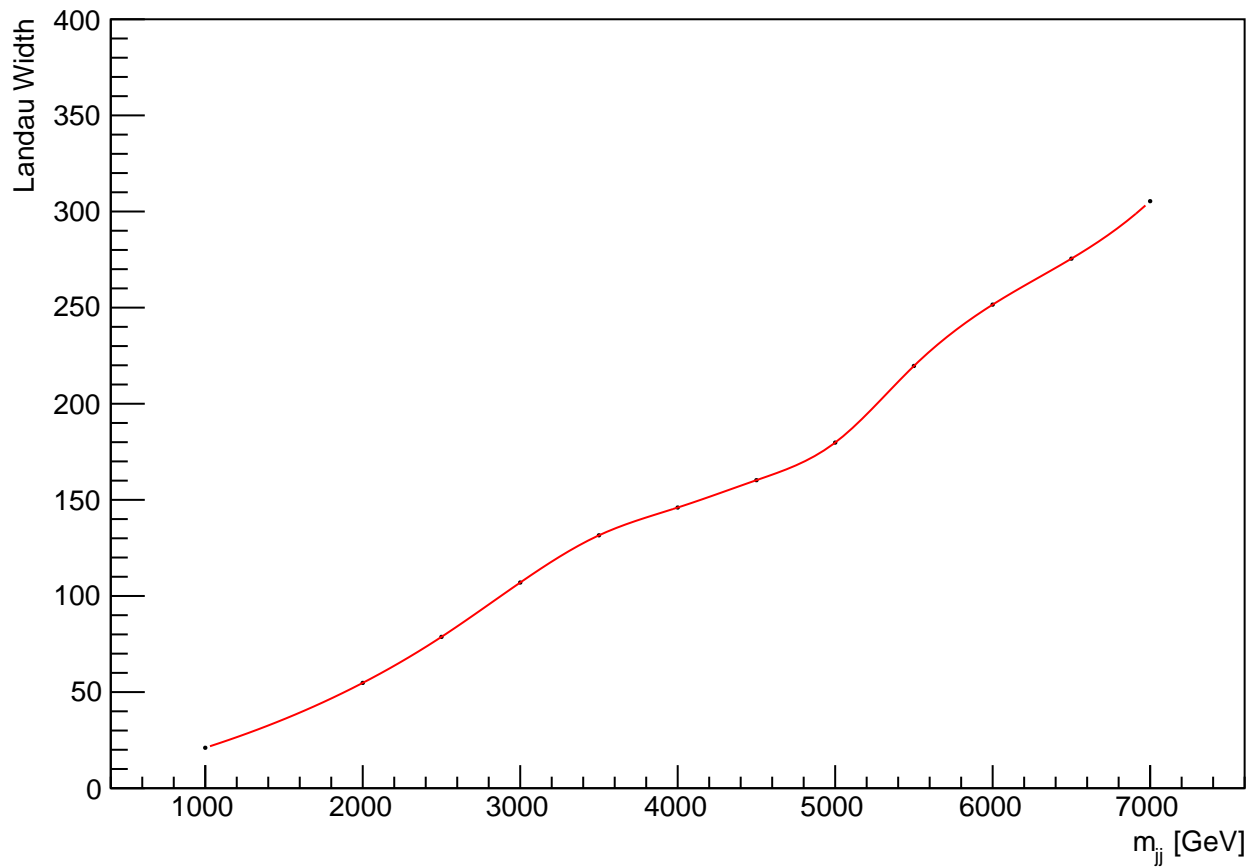
Graph



Graph



Graph



$$[0] * ([3] * \text{TMath::Gaus}(x, [1], [2], 1) + (1 - [3]) * \text{TMath::Landau}(-x, [4], [5], 1))$$

