

$H \rightarrow J/\psi \gamma \rightarrow \mu\mu\gamma$

2016 36.42 fb⁻¹ (13TeV)

Events / (0.02 GeV)

CMS

Preliminary

Before correction

Mean_{BW} = 3.097 ± 0.001

$\sigma_{CB} = 0.021 \pm 0.003$

Width_{BW} = 0.040 ± 0.007

$\sigma_{eff} = 0.114$

—•— Data (Before Rochcor)

—•— Data (After Rochcor)

After correction

Mean_{BW} = 3.102 ± 0.001

$\sigma_{CB} = 0.021 \pm 0.003$

Width_{BW} = 0.041 ± 0.007

$\sigma_{eff} = 0.116$

200

100

0

2.7 2.8 2.9 3 3.1 3.2 3.3 3.4 3.5
 $M_{\mu\mu}$ (GeV)

500

400

300