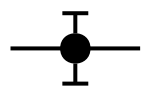


$Z \rightarrow J/\psi \gamma \rightarrow \mu\mu\gamma$

2016 35.9 fb<sup>-1</sup> (13TeV)

**CMS**



**Data**



**$Z \rightarrow J/\psi \gamma$  signal**



**$Z \rightarrow \mu\mu\gamma$  background**

Events / 0.01 cm

60

50

40

30

20

10

0

-0.2 -0.15 -0.1 -0.05 0 0.05 0.1 0.15 0.2

$y_{\text{dimuvtx}} - y_{\text{pv}}$  (cm)