

# CMS

# 19.7 fb<sup>-1</sup> (8 TeV)

Events / 1 GeV

■ Data

$m_{\text{peak}} = 90.78 \pm 0.02 \text{ GeV}$

$\sigma_{\text{eff}} = 2.88 \pm 0.02 \text{ GeV}$

○ Simulation

$m_{\text{peak}} = 90.75 \pm 0.02 \text{ GeV}$

$\sigma_{\text{eff}} = 2.93 \pm 0.02 \text{ GeV}$

$Z \rightarrow e^+e^-$   
ESES

b)

