

CMS Preliminary

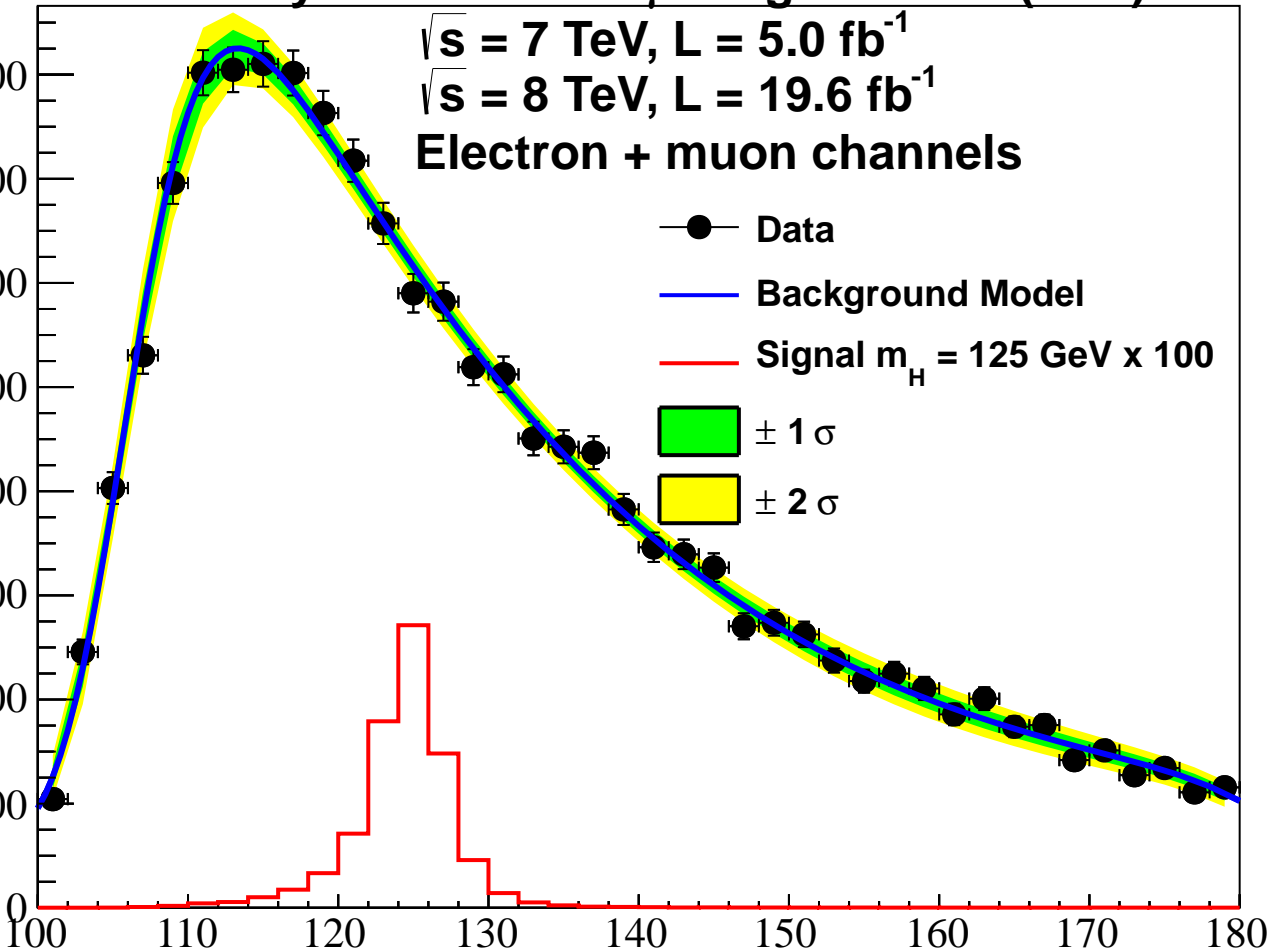
$H \rightarrow Z \gamma$ Weighted to $S/(S+B)$

$\sqrt{s} = 7 \text{ TeV}, L = 5.0 \text{ fb}^{-1}$

$\sqrt{s} = 8 \text{ TeV}, L = 19.6 \text{ fb}^{-1}$

Electron + muon channels

Events/(2 GeV)



● Data

— Background Model

— Signal $m_H = 125 \text{ GeV} \times 100$

± 1 σ

± 2 σ

$m_{ll\gamma}$ (GeV)