

$H \rightarrow \gamma\gamma$, $m_H = 125.38$ GeV

$(\hat{\mu}_{ggH}, \hat{\mu}_{VBF}, \hat{\mu}_{VH}, \hat{\mu}_{top}) = (0.98, 1.15, 0.71, 1.40)$

All top categories
S/(S+B) weighted

• Data

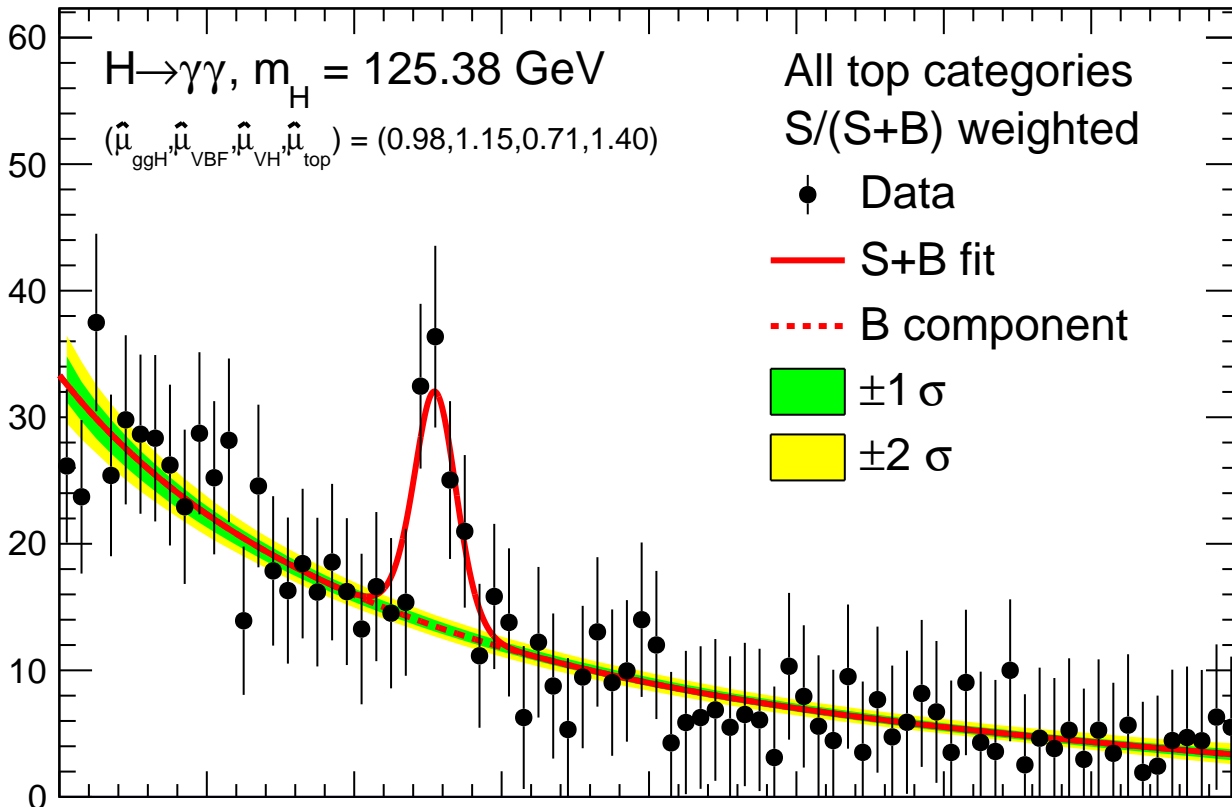
— S+B fit

⋯ B component

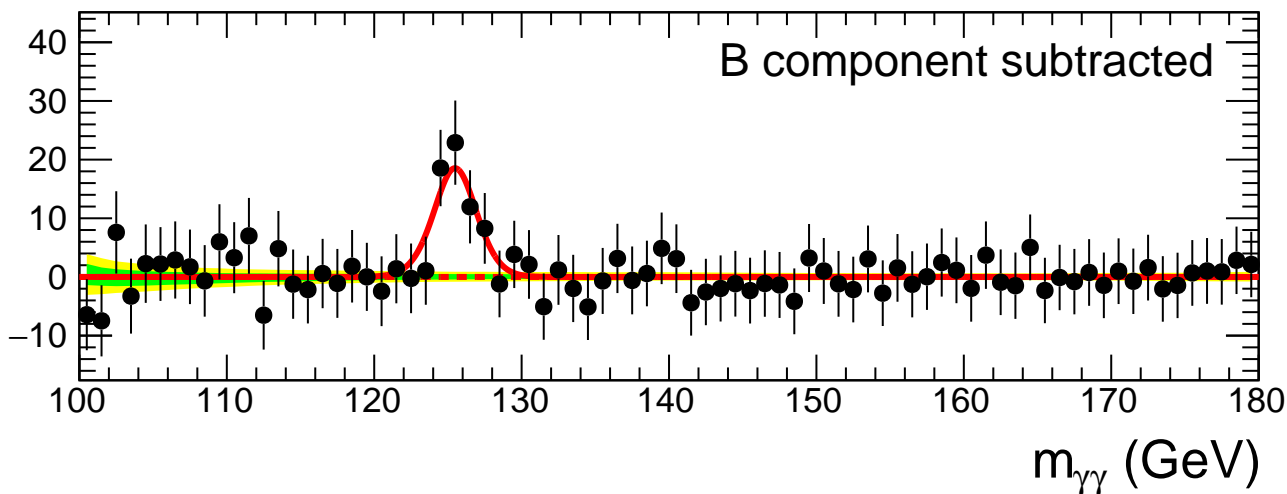
±1 σ

±2 σ

S/(S+B) Weighted Events / GeV



B component subtracted



$m_{\gamma\gamma}$ (GeV)