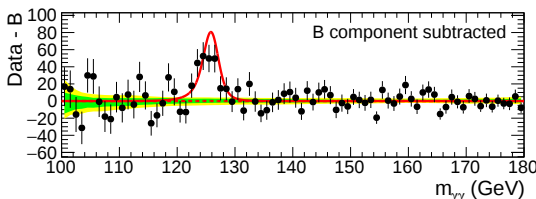
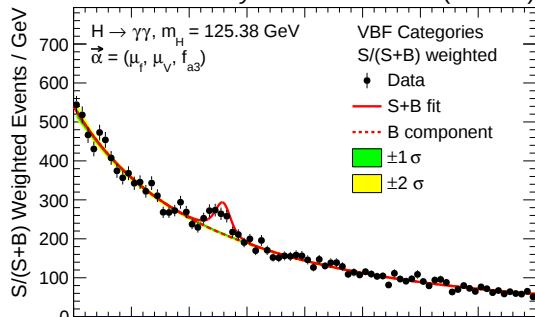


CMS Preliminary $138 \text{ fb}^{-1} (13 \text{ TeV})$

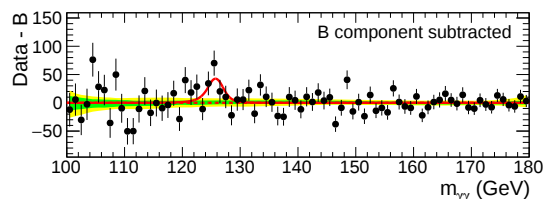
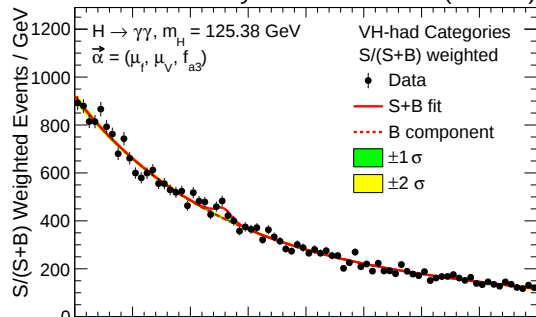
$H \rightarrow \gamma\gamma, m_H = 125.38 \text{ GeV}$
 $\vec{\alpha} = (\mu_l, \mu_{\nu}, f_{a3})$

VBF Categories
 $S/(S+B)$ weighted
 ♦ Data
 — S+B fit
 B component
 ■ $\pm 1 \sigma$
 ■ $\pm 2 \sigma$

**CMS Preliminary** $138 \text{ fb}^{-1} (13 \text{ TeV})$

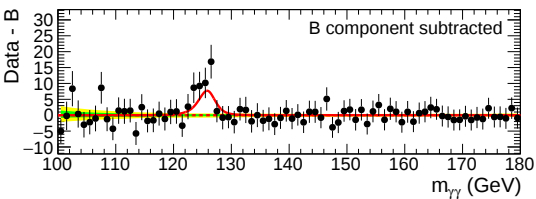
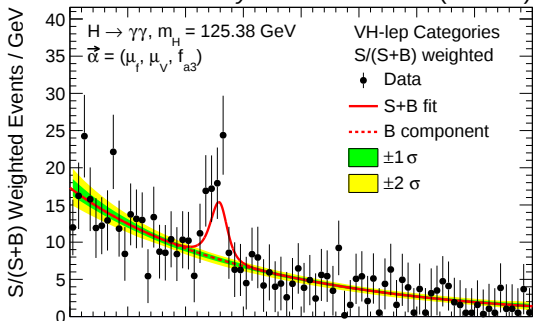
$H \rightarrow \gamma\gamma, m_H = 125.38 \text{ GeV}$
 $\vec{\alpha} = (\mu_l, \mu_{\nu}, f_{a3})$

VH-had Categories
 $S/(S+B)$ weighted
 ♦ Data
 — S+B fit
 B component
 ■ $\pm 1 \sigma$
 ■ $\pm 2 \sigma$

**CMS Preliminary** $138 \text{ fb}^{-1} (13 \text{ TeV})$

$H \rightarrow \gamma\gamma, m_H = 125.38 \text{ GeV}$
 $\vec{\alpha} = (\mu_l, \mu_{\nu}, f_{a3})$

VH-lep Categories
 $S/(S+B)$ weighted
 ♦ Data
 — S+B fit
 B component
 ■ $\pm 1 \sigma$
 ■ $\pm 2 \sigma$

**CMS Preliminary** $138 \text{ fb}^{-1} (13 \text{ TeV})$

$H \rightarrow \gamma\gamma, m_H = 125.38 \text{ GeV}$
 $\vec{\alpha} = (\mu_l, \mu_{\nu}, f_{a3})$

All Categories
 $S/(S+B)$ weighted
 ♦ Data
 — S+B fit
 B component
 ■ $\pm 1 \sigma$
 ■ $\pm 2 \sigma$

