



Background estimation ggF

- **Data driven bkg estimation** exploiting meson narrow peak
- **Sidebands** of ditrack invariant mass:

$$m_{\pi\pi} < 0.62 \text{ GeV} \parallel m_{\pi\pi} > 0.92 \text{ GeV}$$

$$m_{KK} < 1.008 \text{ GeV} \parallel m_{KK} > 1.032 \text{ GeV}$$
- bkg estimation from **events in m_{ditrk} sidebands** normalized to SR events

