

$\chi^2 / \text{ndf} = 0.015$ 

crypto-fullStat2b-stdBS

Events / bin

**ATLAS Internal** $\sqrt{s} = 13 \text{ TeV}, 2016 \text{ } 24.6 \text{ fb}^{-1}$ ggF Signal Region,  $\Delta\eta_{\text{HH}} \geq 2.5$  and  $\Delta\eta_{\text{HH}} < 3.6$  and  $X_{\text{HH}} > 0.95$ 

Reweighted 2b Data

Stat. Error

4b Data

 $4b / 2b$  $X_{\text{HH}}$ 