

$\chi^2 / \text{n.d.f.} = 1.679$ 

crypto-fullStat2b-stdBS

**ATLAS Internal** $\sqrt{s} = 13 \text{ TeV}, 2016 \text{ } 24.6 \text{ fb}^{-1}$ ggF Signal Region,  $\Delta\eta_{\text{HH}} \geq 3.6$  and  $\Delta\eta_{\text{HH}} < 8$  and  $X_{\text{HH}} < 0.95$  Reweighted 2b Data Stat. Error 4b Data