

**CMS**

*Simulation*

ggH powheg15 JHUgen 125 GeV

$0.25 < \text{abs}(\cos\Theta_{\text{Star}}) < 0.5$

$N_{\text{fid.}}^{\text{fit}} = 1685 \text{ (1685)}$

$N_{\text{other fid.}}^{\text{fit}} = 0 \text{ (0)}$

$N_{\text{not fid.}}^{\text{fit}} = 89 \text{ (90)}$

$N_{\text{wrong comb.}}^{\text{fit}} = 2 \text{ (1)}$

$N_{\text{fiducial}}^{\text{gen}} = 3641$

$\text{eff}^{\text{MC}} = 0.463 \pm 0.008$

$\sigma = 2.065 \text{ GeV}$

