

# mass spectrum

**CMS**  
*Simulation*

ggH powheg JHUGen 125 GeV

$-2.0 < \text{pt\_leadingjet\_pt30} < 30.0$

eff. =  $0.040 \pm 0.003$

acc. =  $0.039 \pm 0.001$

mean = 124.799 GeV

$\sigma = 1.129$  GeV

$\alpha = 1.257$

n = 2.037

$\alpha_2 = 1.943$

n2 = 2.575

$\mu_{\text{land.}} = 147.656$

$\sigma_{\text{land.}} = 30.000$

$\chi^2/\text{dof} = -0.000$

