

# mass spectrum

**CMS**  
*Simulation*

ggH powheg JHUGen 125 GeV

$-2.0 < \text{pt\_leadingjet\_pt30} < 30.0$   
 $-2.0 < \text{eta2p5} < 30.0$

eff. =  $0.196 \pm 0.005$

acc. =  $0.065 \pm 0.001$

mean = 124.799 GeV

$\sigma = 1.129$  GeV

$\alpha = 1.257$

$n = 2.037$

$\alpha_2 = 1.943$

$n_2 = 2.575$

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

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

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

