

mass spectrum

CMS
Simulation

ggH powheg JHUGen 125 GeV

$0.9 < \text{abs}(\text{rapidity}_4) < 1.2$

eff. = 0.779 ± 0.005

acc. = 0.069 ± 0.001

mean = 124.799 GeV

$\sigma = 1.129$ GeV

$\alpha = 1.257$

$n = 2.037$

$\alpha_2 = 1.943$

$n_2 = 2.575$

$\mu_{\text{land.}} = 135.000$

$\sigma_{\text{land.}} = 124.260$

$\chi^2/\text{dof} = 4.927$

