

mass spectrum

CMS
Simulation

ggH powheg JHUGen 125 GeV

$0.6 < \text{abs}(\text{rapidity4l}) < 0.9$

eff. = 0.794 ± 0.004

acc. = 0.084 ± 0.001

mean = 124.799 GeV

$\sigma = 1.129$ GeV

$\alpha = 1.257$

$n = 2.037$

$\alpha 2 = 1.943$

$n 2 = 2.575$

$\mu_{\text{land.}} = 194.108$

$\sigma_{\text{land.}} = 43.133$

$\chi^2/\text{dof} = 1.783$

