

mass spectrum

CMS
Simulation

ggH powheg JHUGen 125 GeV

$0.3 < \text{abs(rapidity4l)} < 0.6$

eff. = 0.805 ± 0.004

acc. = 0.091 ± 0.001

mean = 124.799 GeV

$\sigma = 1.129$ GeV

$\alpha = 1.257$

$n = 2.037$

$\alpha_2 = 1.943$

$n_2 = 2.575$

$\mu_{\text{land.}} = 147.205$

$\sigma_{\text{land.}} = 472.763$

$\chi^2/\text{dof} = 6.418$

