

mass spectrum

CMS
Simulation

ggH powheg JHUGen 125 GeV

$30 < p_{T4l} < 45$

eff. = 0.749 ± 0.005

acc. = 0.070 ± 0.001

mean = 124.799 GeV

$\sigma = 1.129$ GeV

$\alpha = 1.257$

$n = 2.037$

$\alpha_2 = 1.943$

$n_2 = 2.575$

$\mu_{\text{land.}} = 135.084$

$\sigma_{\text{land.}} = 149.615$

$\chi^2/\text{dof} = 1.427$

