

mass spectrum

CMS
Simulation

VBF powheg JHUgen 125 GeV

$120 < pT_4 < 200$

eff. = 0.589 ± 0.005

acc. = 0.090 ± 0.001

mean = 124.772 GeV

$\sigma = 1.422$ GeV

$\alpha = 0.928$

$n = 3.181$

$\alpha_2 = 1.567$

$n_2 = 3.983$

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

$\sigma_{\text{land.}} = 9.477$

$\chi^2/\text{dof} = 7.189$

