

mass spectrum

CMS
Simulation

VBF powheg JHUGen 125 GeV

$45 < pT4l < 80$

eff. = 0.542 ± 0.004

acc. = 0.118 ± 0.001

mean = 124.772 GeV

$\sigma = 1.422$ GeV

$\alpha = 0.928$

$n = 3.181$

$\alpha2 = 1.567$

$n2 = 3.983$

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

$\sigma_{\text{land.}} = 77.277$

$\chi^2/\text{dof} = 17.835$

