

# mass spectrum

**CMS**  
*Simulation*

VBF powheg JHUgen 125 GeV

$-2.0 < \text{pt\_leadingjet\_pt30\_eta2p5} < 30.0$

$\text{eff.} = 0.186 \pm 0.005$

$\text{acc.} = 0.090 \pm 0.001$

$\text{mean} = 124.799 \text{ GeV}$

$\sigma = 1.129 \text{ GeV}$

$\alpha = 1.257$

$n = 2.037$

$\alpha_2 = 1.943$

$n_2 = 2.575$

$\mu_{\text{land.}} = 147.656$

$\sigma_{\text{land.}} = 30.000$

$\chi^2/\text{dof} = -0.000$

