

# mass spectrum

**CMS**  
*Simulation*

VBF powheg JHUgen 125 GeV

$120 < pT4l < 200$

eff. =  $0.020 \pm 0.002$

acc. =  $0.035 \pm 0.001$

mean = 124.772 GeV

$\sigma = 1.422$  GeV

$\alpha = 0.928$

$n = 3.181$

$\alpha2 = 1.567$

$n2 = 3.983$

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

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

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

