

# mass spectrum

**CMS**  
*Simulation*

VBF powheg JHUgen 125 GeV

$30.0 < p_{t\_leadingjet\_pt30\_eta2p5} < 55.0$

eff. =  $0.348 \pm 0.005$

acc. =  $0.083 \pm 0.001$

mean = 124.772 GeV

$\sigma = 1.422$  GeV

$\alpha = 0.928$

$n = 3.181$

$\alpha_2 = 1.567$

$n_2 = 3.983$

$\mu_{land.} = 135.244$

$\sigma_{land.} = 116.139$

$\chi^2/dof = 11.290$

