

# mass spectrum

**CMS**  
*Simulation*

WH powheg JHUGen 125 GeV

$0.15 < \text{abs(rapidity4l)} < 0.3$

eff. =  $0.017 \pm 0.003$

acc. =  $0.033 \pm 0.001$

mean = 124.799 GeV

$\sigma = 1.129$  GeV

$\alpha = 1.257$

$n = 2.037$

$\alpha 2 = 1.943$

$n 2 = 2.575$

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

$\sigma_{\text{land.}} = 2.432$

$\chi^2/\text{dof} = 1.186$

