

CMS

Simulation

ggH powheg15 JHUgen 125 GeV

$15.0 < pT_{4l} < 30.0$

$N_{\text{fid.}}^{\text{fit}} = 3264 \text{ (3274)}$

$N_{\text{other fid.}}^{\text{fit}} = 195 \text{ (197)}$

$N_{\text{not fid.}}^{\text{fit}} = 190 \text{ (191)}$

$N_{\text{wrong comb.}}^{\text{fit}} = 7 \text{ (4)}$

$N_{\text{fiducial}}^{\text{gen}} = 4181$

$\text{eff}^{\text{MC}} = 0.783 \pm 0.006$

$\sigma = 1.296 \text{ GeV}$

1000

800

600

400

200

0

105

110

115

120

125

130

135

140

$m_{4\mu} \text{ (GeV)}$

