

CMS

Simulation

ggH powheg15 JHUgen 125 GeV

$0.8 < \text{abs(rapidity4l)} < 1.2$

$N_{\text{fid.}}^{\text{fit}} = 3433 \text{ (3433)}$

$N_{\text{other fid.}}^{\text{fit}} = 86 \text{ (85)}$

$N_{\text{not fid.}}^{\text{fit}} = 185 \text{ (189)}$

$N_{\text{wrong comb.}}^{\text{fit}} = 12 \text{ (8)}$

$N_{\text{fiducial}}^{\text{gen}} = 5738$

$\text{eff}^{\text{MC}} = 0.598 \pm 0.006$

$\sigma = 1.801 \text{ GeV}$

700

600

500

400

300

200

100

0

105

110

115

120

125

130

135

140

$m_{2e2\mu} \text{ (GeV)}$

