

CMS

Simulation

ggH powheg15 JHUgen 125 GeV

$0.0 < \text{abs}(\cos\Theta_{\text{Star}}) < 0.25$

$N_{\text{fid.}}^{\text{fit}} = 4428 \text{ (4433)}$

$N_{\text{other fid.}}^{\text{fit}} = 0 \text{ (0)}$

$N_{\text{not fid.}}^{\text{fit}} = 236 \text{ (241)}$

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

$N_{\text{fiducial}}^{\text{gen}} = 7022$

$\text{eff}^{\text{MC}} = 0.631 \pm 0.006$

$\sigma = 1.642 \text{ GeV}$

1000

800

600

400

200

0

105

110

115

120

125

130

135

140

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

