

CMS

Simulation

ggH powheg15 JHUgen 125 GeV

$35.0 < \text{massZ2} < 60.0$

$N_{\text{fid.}}^{\text{fit}} = 1644 \text{ (1633)}$

$N_{\text{other fid.}}^{\text{fit}} = 93 \text{ (94)}$

$N_{\text{not fid.}}^{\text{fit}} = 87 \text{ (86)}$

$N_{\text{wrong comb.}}^{\text{fit}} = 1 \text{ (0)}$

$N_{\text{fiducial}}^{\text{gen}} = 3345$

$\text{eff}^{\text{MC}} = 0.488 \pm 0.009$

$\sigma = 2.117 \text{ GeV}$

300

250

200

150

100

50

0

105

110

115

120

125

130

135

140

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

