

CMS

Simulation

ggH powheg15 JHUgen 125 GeV

$28.0 < \text{massZ2} < 35.0$

$N_{\text{fid.}}^{\text{fit}} = 1739 \text{ (1739)}$

$N_{\text{other fid.}}^{\text{fit}} = 205 \text{ (205)}$

$N_{\text{not fid.}}^{\text{fit}} = 103 \text{ (103)}$

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

$N_{\text{fiducial}}^{\text{gen}} = 4316$

$\text{eff}^{\text{MC}} = 0.403 \pm 0.007$

$\sigma = 2.135 \text{ GeV}$

350

300

250

200

150

100

50

0

105

110

115

120

125

130

135

140

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

