

19.7 fb⁻¹ (8 TeV)

CMS Preliminary



2012 data



$Z \rightarrow ee$ MadGraph+Pythia6 (Z2star)



$Z \rightarrow ee$ POWHEG+Pythia6 (Z2star)



$Z \rightarrow ee$ POWHEG+Pythia8 (Tunepp 5)



$Z \rightarrow ee$ POWHEG+Pythia8 (Tunepp 14)

MC/Data

1.2

1

0.8

$|\eta^{e_0}| < 2.1, \quad |\eta^{e_1}| < 2.4$

$p_T^{e_0} > 30 \text{ GeV}, \quad p_T^{e_1} > 20 \text{ GeV}$

$60 \text{ GeV} < M_{ee} < 120 \text{ GeV}$

10⁻³

10⁻²

10⁻¹

1

ϕ^*

