

CMS

4.98 fb⁻¹ $\sqrt{s} = 7$ TeV

Events / 0.15

 $H_T > 500$ GeV $S_T^{\text{lep}} \in [150, 250)$ GeV

Electrons

• Data

■ $t\bar{t}$

■ QCD

○ LM3

■ W

■ Z

△ LM6

500

400

300

200

100

0

Signal region
←Fit region
→

-0.5

0

0.5

1

1.5

 L_p 