

Events / 10 GeV

6000

5000

4000

3000

2000

1000

0

20

40

60

80

100

120

140

160

180

200

 $p_t^{l1}$  [GeV]**ATLAS** Internal $\sqrt{s} = 13 \text{ TeV}, \int \mathcal{L} dt = 139 \text{ fb}^{-1}$  $H \rightarrow WW \rightarrow e\mu + \mu e$ 

+ Data

SM (stat)

EW bkg

Fakes

