

Events

**ATLAS Internal** $\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$ 

Dielectron search selection

● Data

 $Z/\gamma^*$ 

Top quarks

Diboson

 $Z'_\chi$  (2 TeV) $Z'_\chi$  (3 TeV) $Z'_\chi$  (4 TeV) $Z'_\chi$  (5 TeV)

30000

25000

20000

15000

10000

5000

0

Data/Bkg

1.4

1.2

1.0

0.8

0.6

-3

-2

-1

0

1

2

3

Leading lepton  $\phi$ 