

138 fb<sup>-1</sup> (13 TeV)

×10<sup>3</sup>

Events

● Data

Single t

t $\bar{t}$ +Z/W

t $\bar{t}$  signal

W+jets

Diboson

t $\bar{t}$  other

Z+jets

Uncertainty

60

40

20

0

1.2

1

0.8

-1

-0.5

0

0.5

1

cos $\varphi_{\text{lab}}$

Data  
Pred.

