

33.5 fb<sup>-1</sup> (13 TeV)**CMS** $0.5 < |y|_{\max} < 1.0$ 

Ratio to NNLO (CT18 × NP × EW)

1.4  
1.2  
1.0  
0.8  
0.6  
0.4

300

1000

2000

10000

 $m_{1,2}$  (GeV)

- Data + stat. unc.
- Total exp. unc.
- NP uncertainty
- ▨ PDF uncertainty
- - - - Scale uncertainty
- ⋯ ABMP16
- - - MSHT20
- NNPDF3.1

 $\mu_R = \mu_F = m_{1,2}$ **anti- $k_T$  (R=0.8)**