



Fig. 1. *Planck* 2018 temperature power spectrum. At multipoles $\ell \geq 30$ we show the frequency-coadded temperature spectrum computed from the *Planck* cross-half-mission likelihood, with foreground and other nuisance parameters fixed to a best fit assuming the base- Λ CDM cosmology. In the multipole range $2 \leq \ell \leq 29$, we plot the power spectrum estimates from the *Commander* component-separation algorithm, computed over 86 % of the sky. The base- Λ CDM theoretical spectrum best fit to the *Planck* TT,TE,EE+lowE+lensing likelihoods is plotted in light blue in the upper panel. Residuals with respect to this model are shown in the lower panel. The error bars show $\pm 1\sigma$ diagonal uncertainties, including cosmic variance (approximated as Gaussian) and not including uncertainties in the foreground model at $\ell \geq 30$. Note that the vertical scale changes at $\ell = 30$, where the horizontal axis switches from logarithmic to linear.