

# Pico

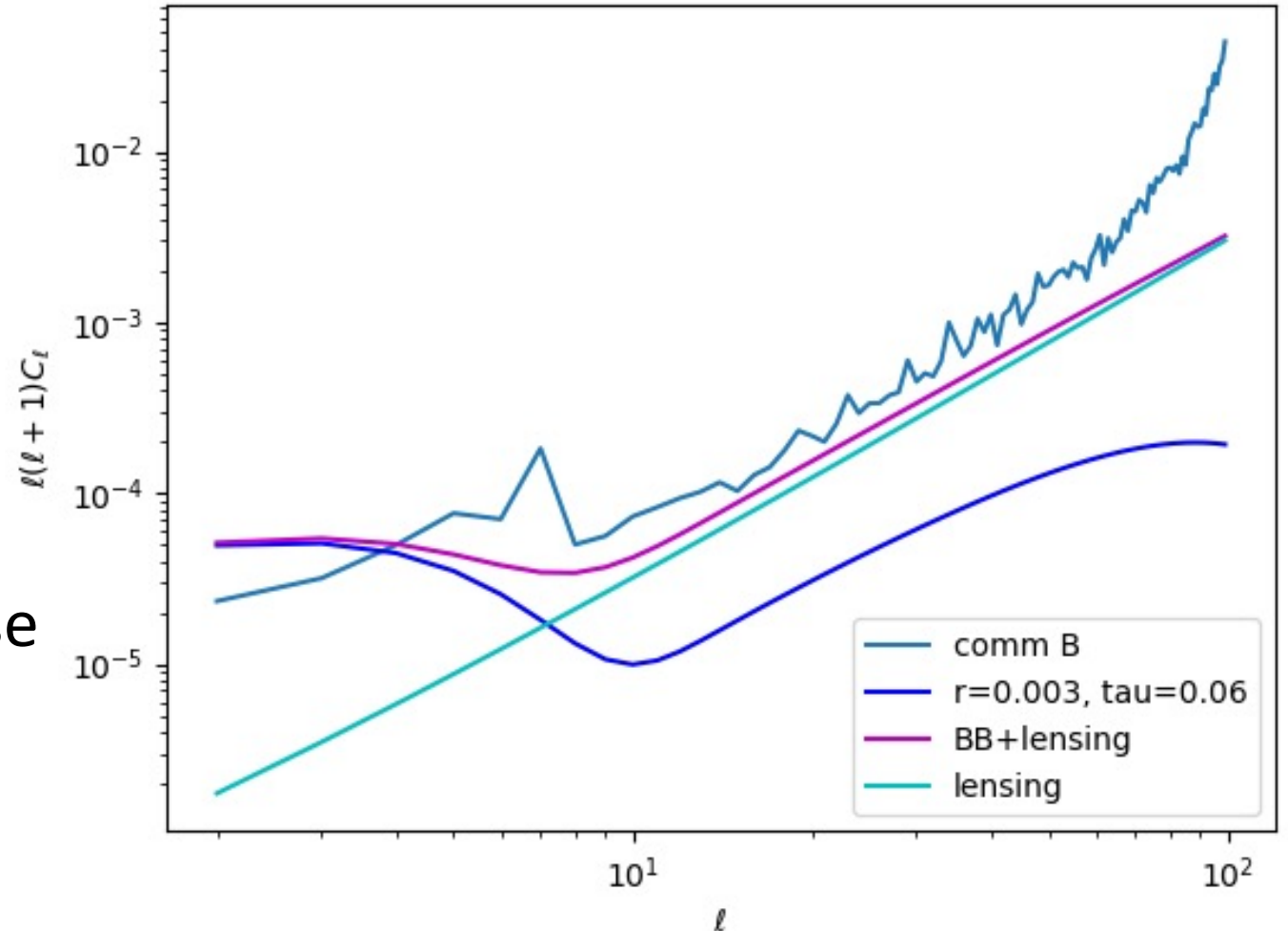
Commander updates 12.08.2021  
Ragnhild Aurlien and the Oslo group

# Status report

- Running Commander2
- Analysing new simulations, names 91.91
  - Foreground model d1s1 (as 90.91)
  - White noise up to  $l = 4 \cdot nside$ 
    - Maps noise dominated at  $l_{max}$
  - A minimum beam size of 20 arcmin
- Work in progress to resolve a bug in the Cl-sampler

# CMB power spectrum

- Run with  $r = 0.003$
- Power spectrum from output CMB map from Commander
- Unmasked CMB map
- Slightly above theoretical spectrum due to white noise
  - Working on sampling the CMB Cls to fix this



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