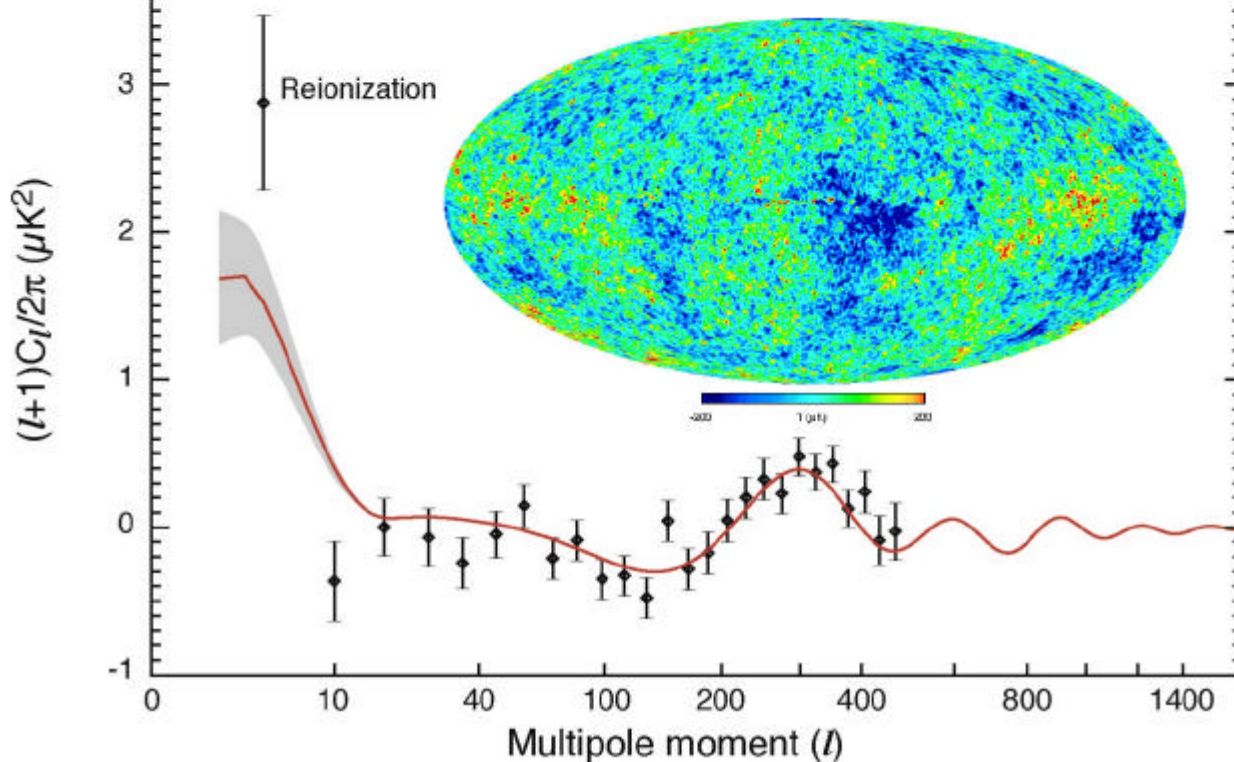
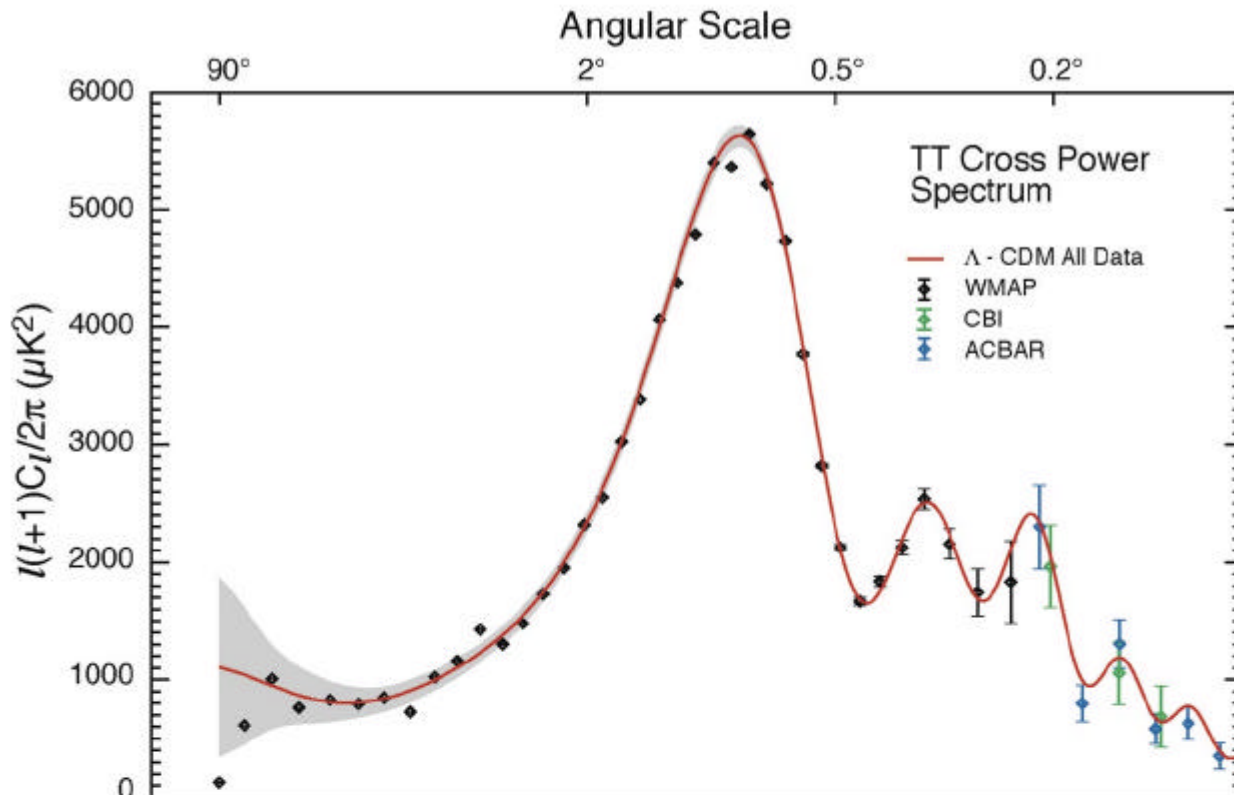


The Emergence of the Cosmic Initial Conditions



- $> 10^5$ independent $\sim 5\sigma$ measurements of T are fit by an *a priori* model with 6 (physical) parameters
- Best Λ CDM model has:
 - $t_0 = 13.7 \pm 0.2$ Gyr
 - $h = 0.71 \pm 0.03$ $\sigma_8 = 0.84 \pm 0.04$
 - $\Omega_t = 1.02 \pm 0.02$ $\Omega_m = 0.27 \pm 0.04$
 - $\Omega_b = 0.044 \pm 0.004$
 - $\tau_e = 0.17 \pm 0.07$ (Bennett et al 03)
- Parameters in excellent agreement with other data

T-P x-corr \rightarrow Adiabatic fluctns