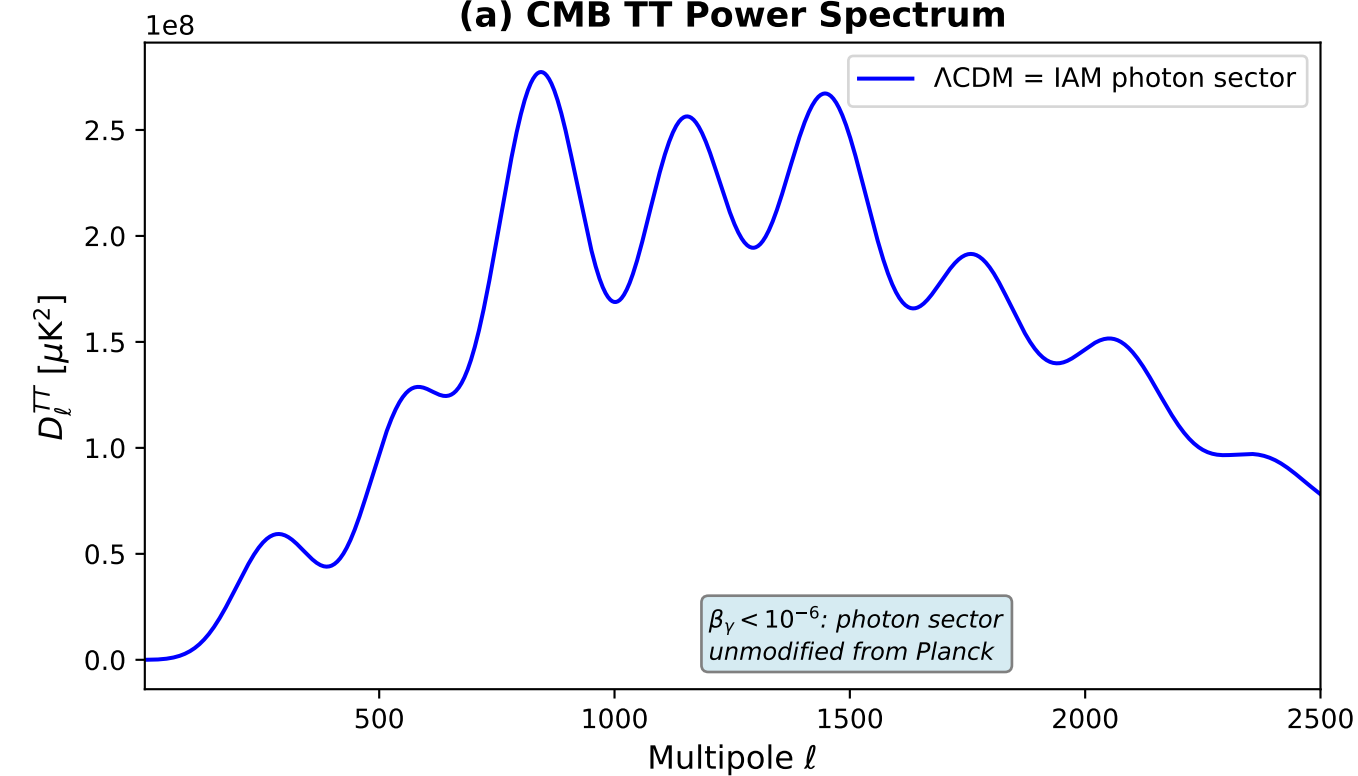


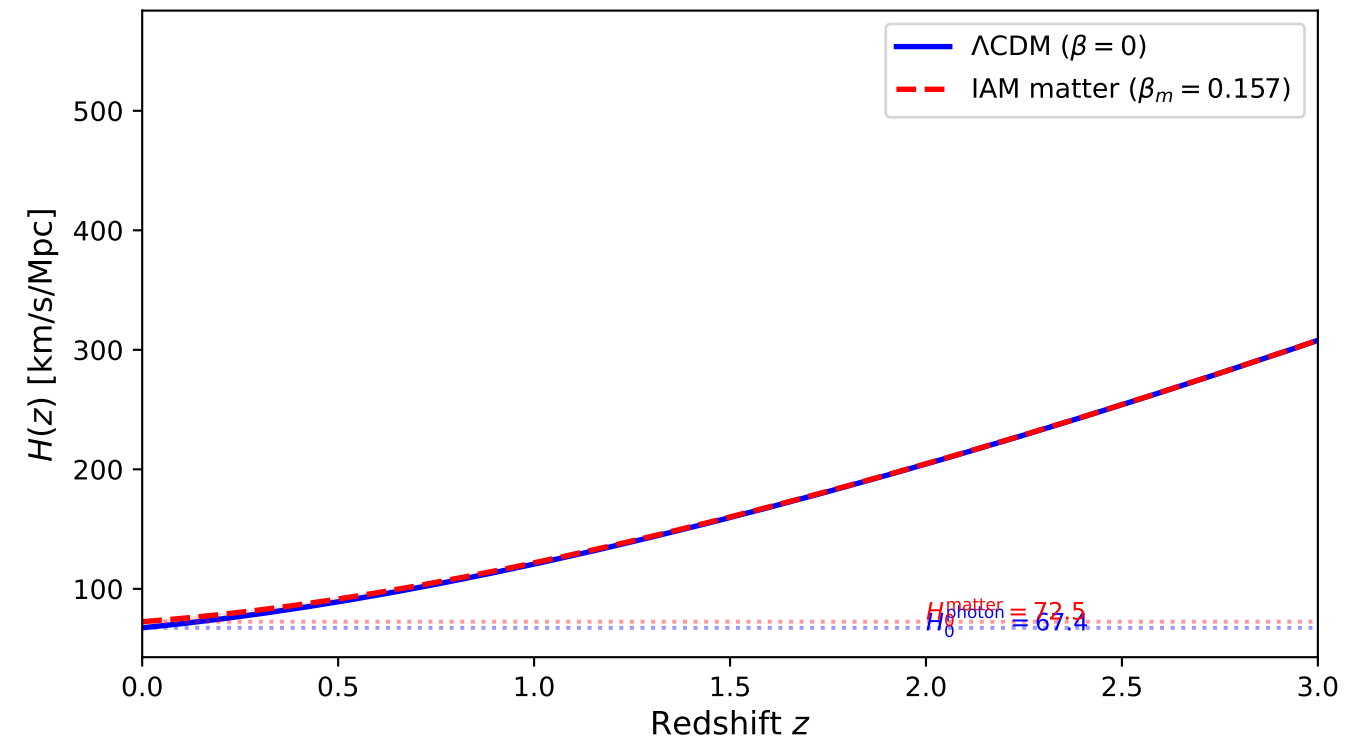
IAM-CAMB Validation: Dual-Sector Predictions

Photon sector ($\beta_\gamma \approx 0$): standard Λ CDM | Matter sector ($\beta_m = 0.157$): $\mu < 1$, $\Sigma = 1$

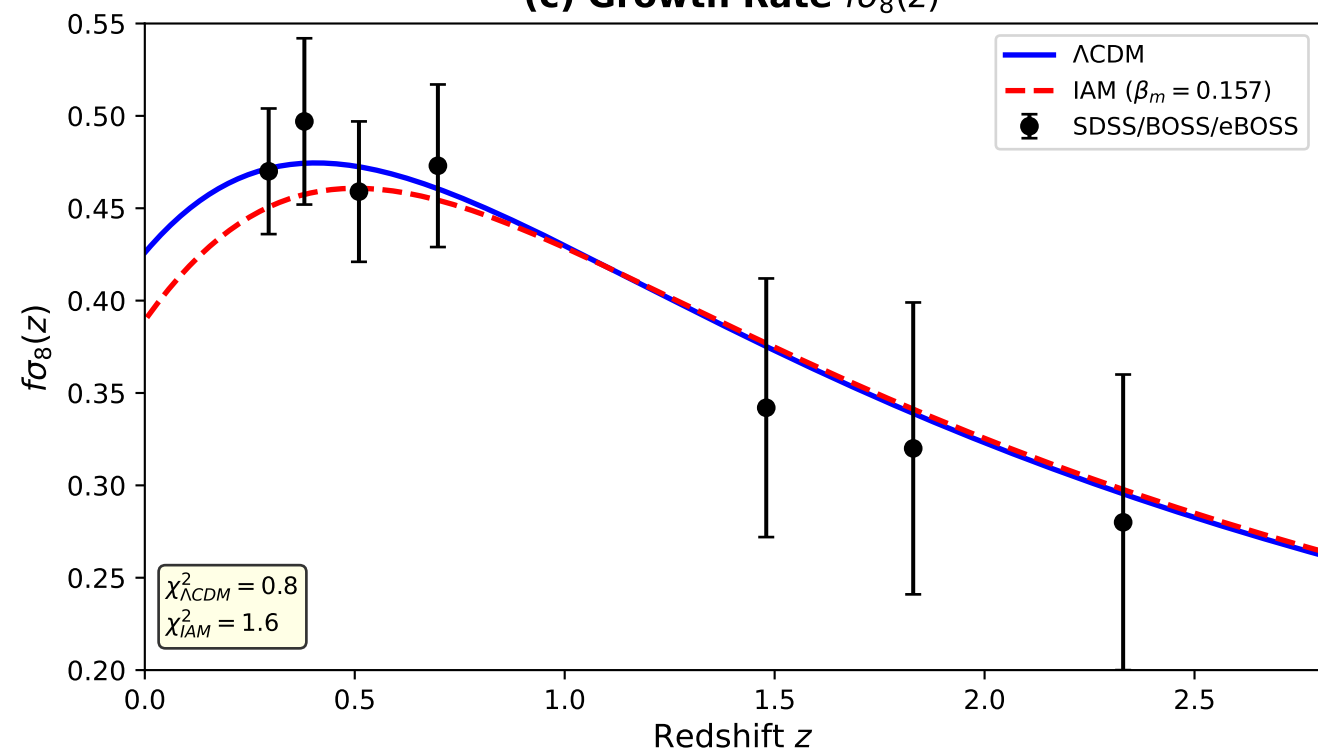
(a) CMB TT Power Spectrum



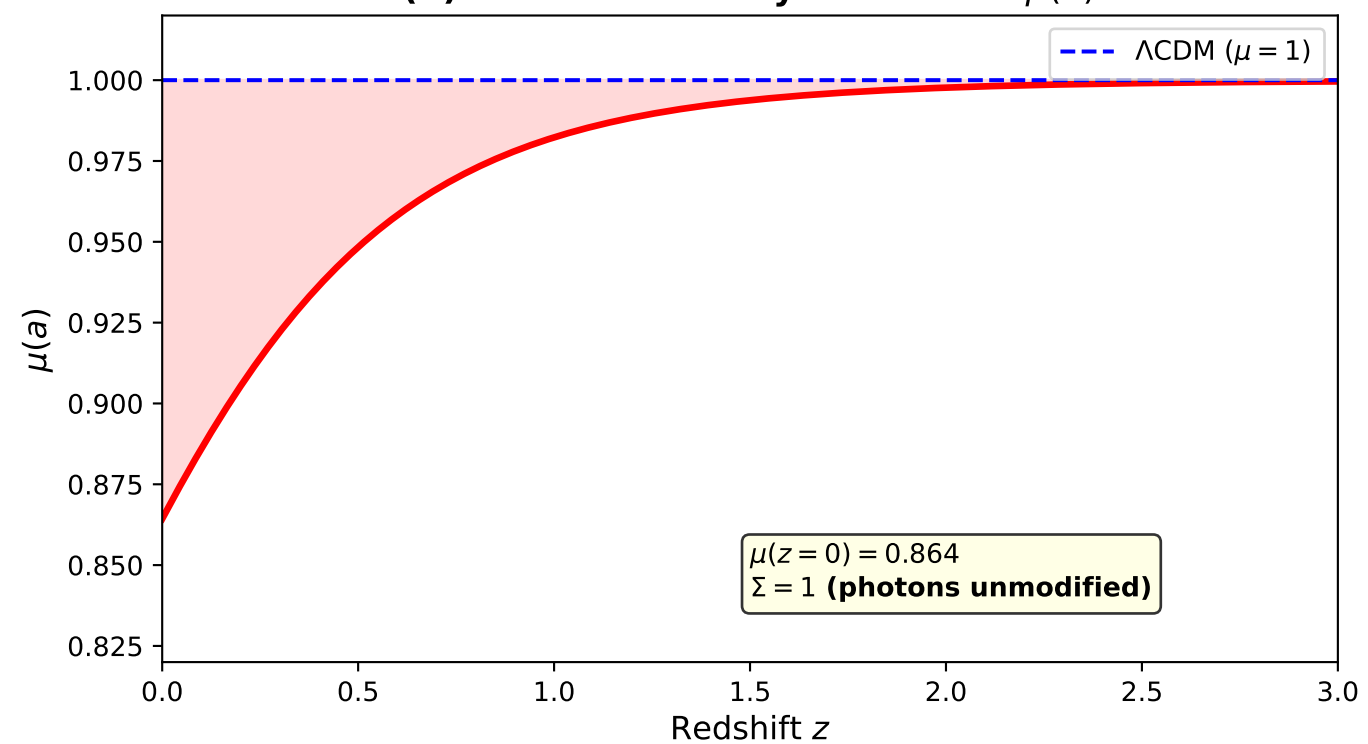
(b) Hubble Parameter



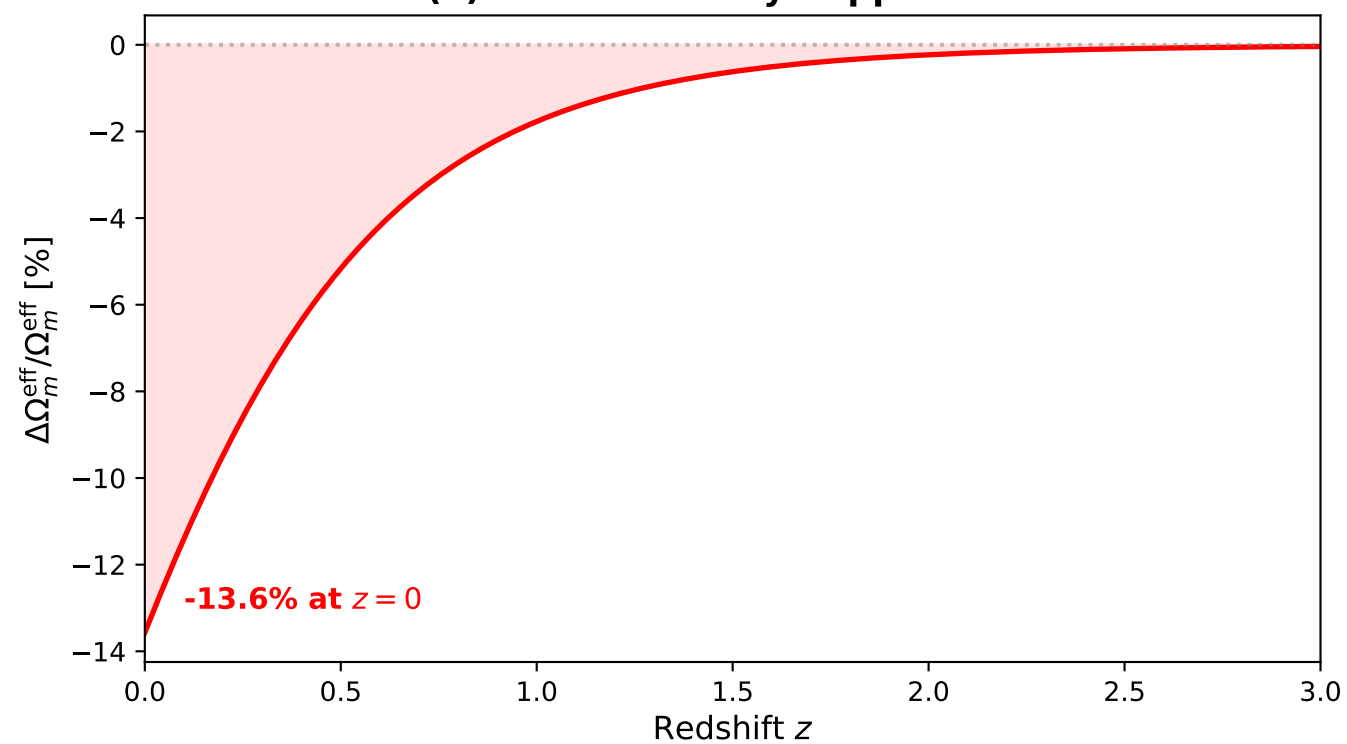
(c) Growth Rate $f\sigma_8(z)$



(d) Modified Gravity Parameter $\mu(a)$



(e) Matter Density Suppression



(f) CMB Lensing Power

