



Fig. 6.— (CONTD.) The parameter traces for the spectral index Γ , shown for same cases as the autocorrelation cases shown before. While the autocorrelation determines the “stickiness” of the MCMC iterations, the time series demonstrates that choosing misspecified calibration files does not have any effect on the convergence of the solutions. The traces are shown in the same order as before, for all iterations k . The inset shows the last 50 iterations, with $\Gamma^{(k)}$ denoted by filled circles, and consecutive iterations connected by thin straight lines. The necessity of using $I \gg 1$ is apparent in the slow changes in the values of $\Gamma^{(k)}$.