Notes for Grier et al. "THE STRUCTURE OF THE BROAD-LINE REGION IN ACTIVE GALACTIC NUCLEI. II. DYNAMICAL MODELING OF DATA FROM THE AGN10 REVERBERATION MAPPING CAMPAIGN"

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1. INTRODUCTION
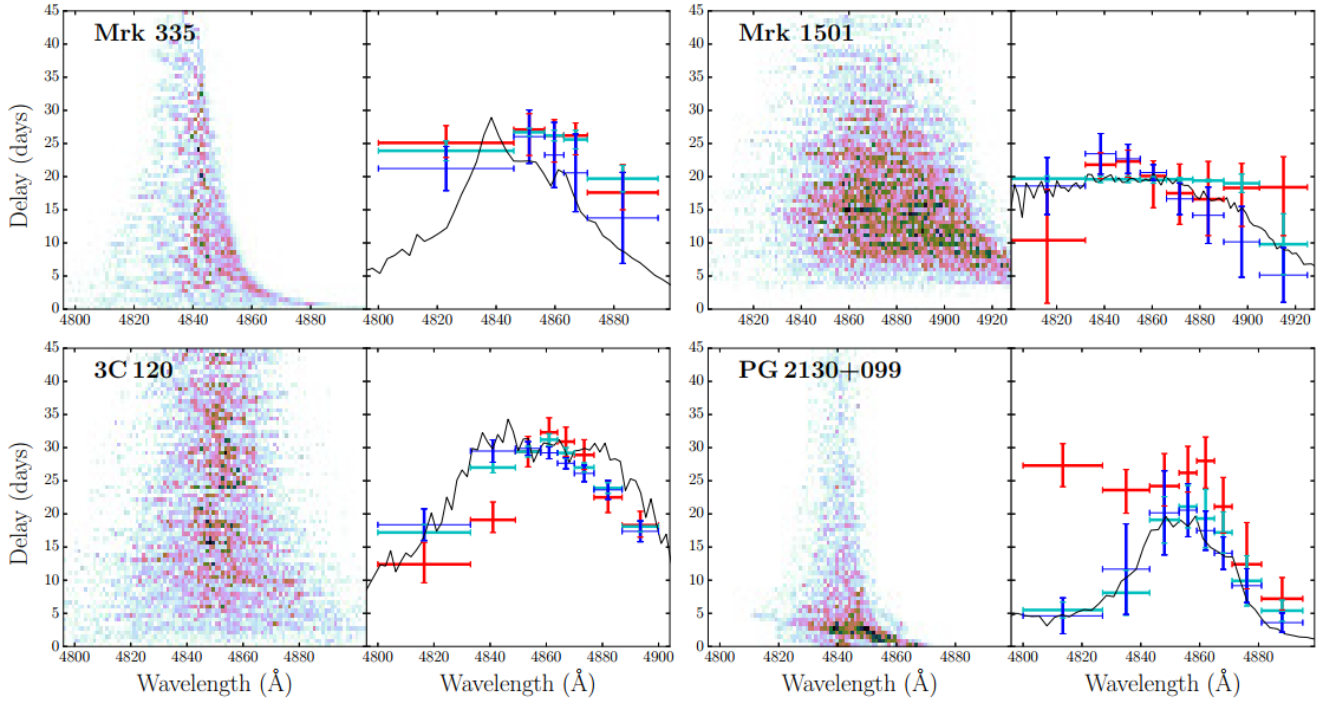
A bunch of emission line stuff we do not need.

FIG. 4.— Transfer functions and velocity-resolved time delays for all four AGN. For each source, the left panel shows a representative transfer function drawn from the posterior PDF. The right panel for each source shows the velocity-resolved time delays for a number of wavelength bins. The solid black line shows the mean time delays computed by the model corresponding to the transfer function shown, and the blue crosses show the median lag values recovered from all of the model fits. To compare the model lags (blue and black) with the lags measured via cross correlation techniques, we also show mean time delays measured via cross correlation of the continuum light curves with light curves generated from the decomposed spectra (red crosses). We also cross correlated the model spectra from all of the samples with the continuum light curve and measured the median time lag in each bin (cyan crosses).