

# A Fast Framework for Robust Decomposition of Quasar Spectra



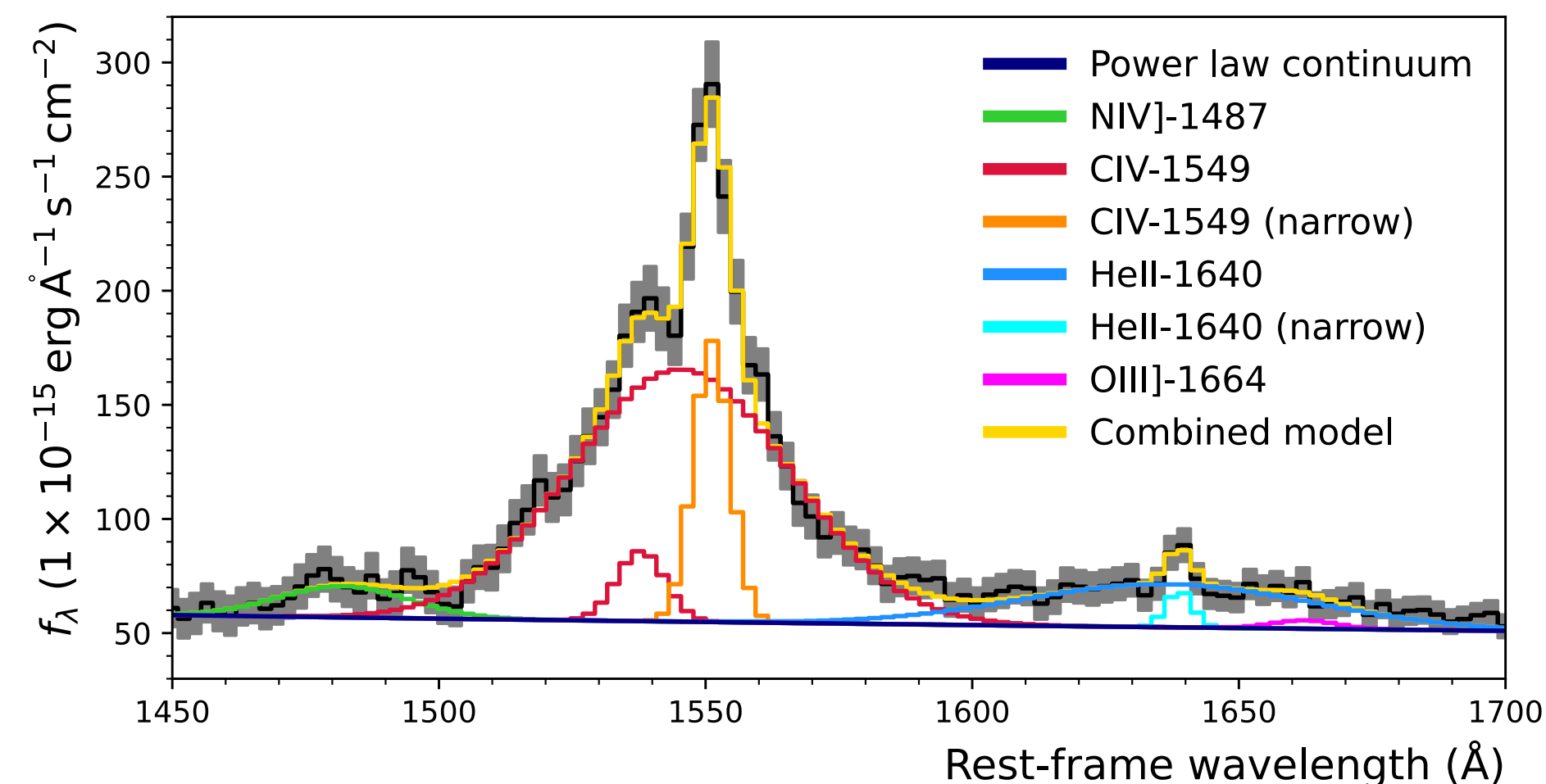
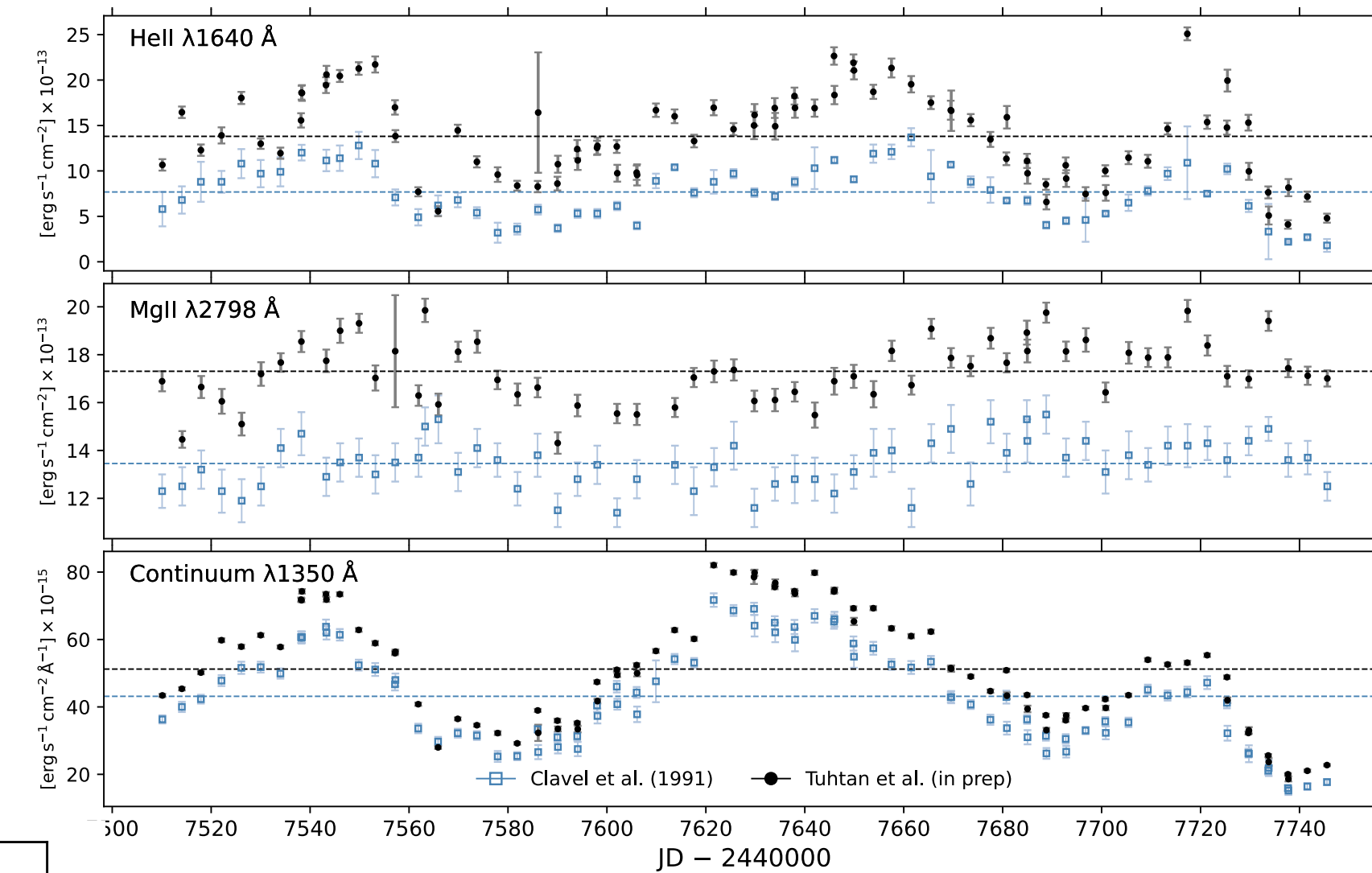
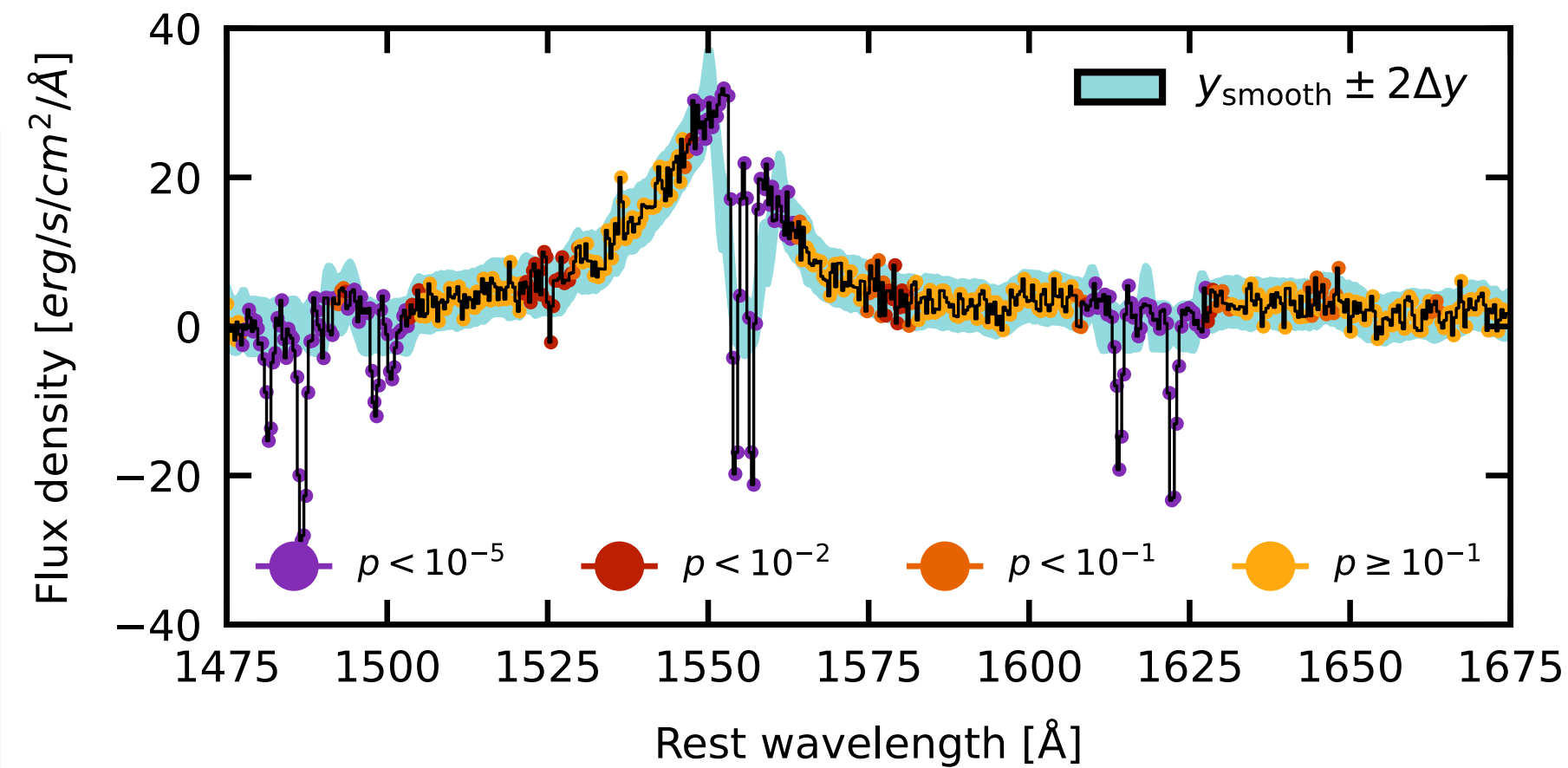
Liam de Búrca, Research Assistant, DARK, Niels Bohr Institute, University of Copenhagen

**Data preparation** *Setting up downstream modelling processes*

**Modelling** *Currently supported models and how they're adapted and combined effectively*

**Uncertainties** *Quick and user-friendly estimation of uncertainties*

**Pipeline & Utilities** *Infrastructure that supports code reliability as well as the researcher and developer*



## Science Applications

*Photoionisation modelling of NGC 5548*

*First-look pipeline for 4G-PAQS*