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SAUNAS: III. X-ray Scaling Relations of Diffuse Hot Gas Galactic Halos*

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ABSTRACT

Put the abstract here.

1. BACKGROUND

Here is the intro section (Aguerri et al. 1998; Bell et al. 2006b,a).
The first sentence in the intro!
The second sentence in the intro (Erwin & Debattista 2017; Falchi et al. 2016).
A 3rd sentence in the background.
Here is a comment, see if it changes color like it is supposed to.

1.1. *Motivation*

The first sentence under motivation. (Bernardi et al. 2006)

1.2. *more motivation*

second sentence under motivation.
Third sentence right here right NOW!!
4th sentence
5th sentence here

1.2.1. *Goals*

First sentence in this section underneath Goals.

2. METHODS

First sentence in methods section.

Facilities: Chandra

Software: CIAO, LIRA, VorBin

* Released on May, 11th, 2023

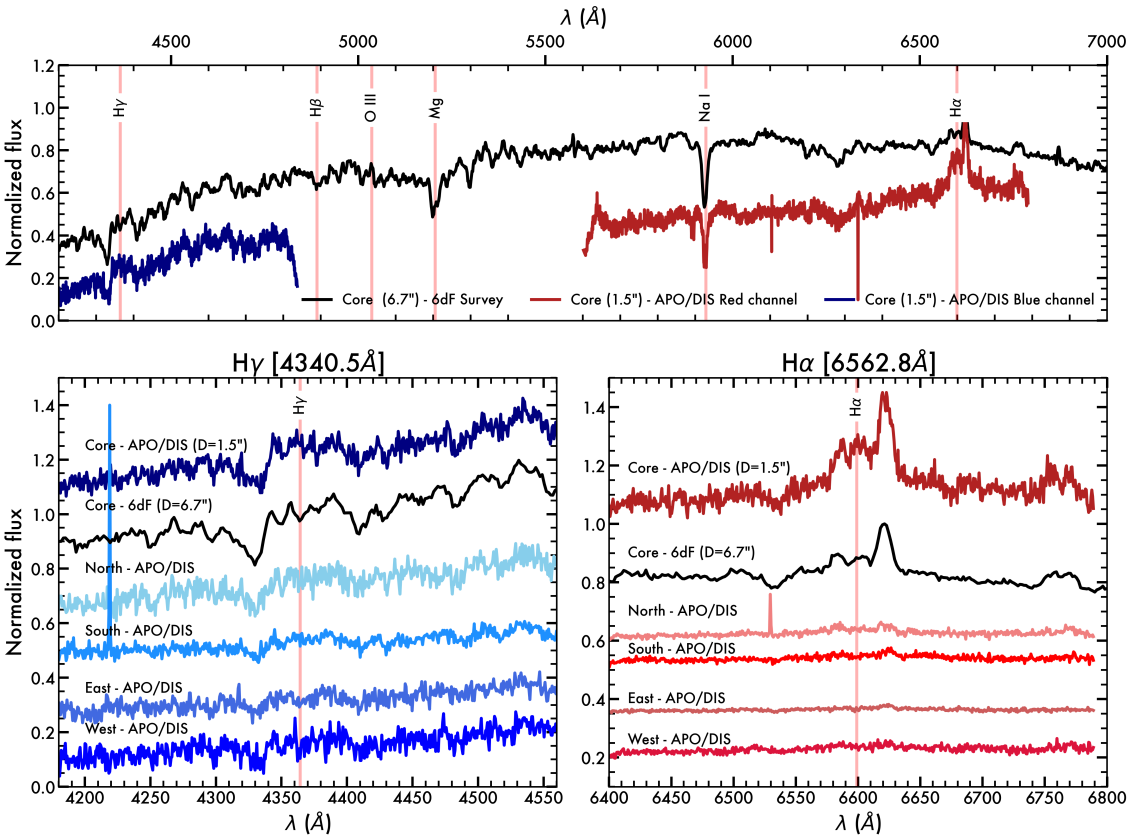

Figure 1. Optical spectral energy distribution (SED) of NGC 5084 as detected by the 6dF survey and the APO/DIS observations. *Top panel:* 4300-7000 Å spectrum of the central 1.5 arcsec slit (APO/DIS, blue and red channels, in color) and the 6.7 arcsec radius fiber (6dF, black). *Bottom left:* Detail of the Hγ spectral range (4200 – 4550 Å), showing the core as detected by 6dF and APO/DIS, as well as the North, South, East, and West subregions avoiding the core. See the labels on each spectra. *Bottom right:* Same as previous for the 6400-6800 Å(Hα) range. Vertical shadowed red lines represent the redshifted wavelengths of the typical absorption and emission lines in galaxies (Hβ, OIII, Mg, Na I, Hα), for reference.

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