

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

ALEJANDRO S. BORLAFF¹ AND PAMELA M. MARCUM²

¹*Bay Area Environmental Research Institute, Moffett Field, CA 94035, USA*

²*NASA Ames Research Center, Moffett Field, CA 94035, USA*

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. ? 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](#))

second sentence under motivation.

Third sentence right here right NOW!!

4th sentence

5th sentence here

1.1.1. *Goals*

First sentence in this section underneath Goals.

2. METHODS

First sentence in methods section.

Facilities: Chandra

Software: CIAO, LIRA, VorBin

REFERENCES

Aguerri, J. A. L., Beckman, J. E., &
Prieto, M. 1998, AJ, 116, 2136,
doi: [10.1086/300615](#)

^{*} Released on May, 11th, 2023

Bell, E. F., Phleps, S., Somerville, R. S.,
et al. 2006a, ApJ, 652, 270,
doi: [10.1086/508408](https://doi.org/10.1086/508408)

Bell, E. F., Naab, T., McIntosh, D. H.,
et al. 2006b, ApJ, 640, 241,
doi: [10.1086/499931](https://doi.org/10.1086/499931)
Bernardi, M., Nichol, R. C., Sheth, R. K.,
Miller, C. J., & Brinkmann, J. 2006,
AJ, 131, 1288, doi: [10.1086/499522](https://doi.org/10.1086/499522)