Compiled: 08:22 Friday 16th August, 2024 (UTC)
Draft version Friday 16th August, 2024
Typeset using LaTeX **modern** style in AASTeX631

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

Alejandro S. Borlaff[1] and Pamela M. Marcum[2]

[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 (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)
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

* Released on May, 11th, 2023

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

Bell, E. F., Phleps, S., Somerville, R. S., et al. 2006a, ApJ, 652, 270, doi: 10.1086/508408

Bell, E. F., Naab, T., McIntosh, D. H., et al. 2006b, ApJ, 640, 241, doi: 10.1086/499931

Bernardi, M., Nichol, R. C., Sheth, R. K., Miller, C. J., & Brinkmann, J. 2006, AJ, 131, 1288, doi: 10.1086/499522

Erwin, P., & Debattista, V. P. 2017, MNRAS, 468, 2058, doi: 10.1093/mnras/stx620

Falchi, F., Cinzano, P., Duriscoe, D., et al. 2016, , 2, e1600377, doi: 10.1126/sciadv.1600377