MNRAS **000**, 1–1 (2021) Preprint May 2, 2021 Compiled using MNRAS LATEX style file v3.0

Tendrils in the Tarantula: Extreme velocity shear features in the ionized gas of 30 Doradus

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Accepted XXX. Received YYY; in original form ZZZ

ABSTRACT
Using velocity shear maps, we find a spectacular network of curved tendril-like filaments inside a low-density cavity of the Tarantula Nebula (30 Doradus) in the Large Magellanic Cloud.

Key words: Atomic physics – ISM: individual objects (Orion Nebula) – Photodissociation regions – Radiative transfer

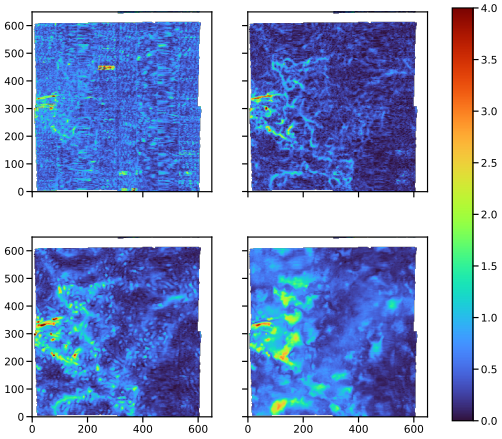

Figure 1. Velocity shear maps

1 INTRODUCTION

Fabry-Perot observations from Mendes de Oliveira et al. (2017). We use MUSE observations from Castro et al. (2018)

ACKNOWLEDGEMENTS

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This paper has been typeset from a TEX/LATEX file prepared by the author.

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