

RAMAN MAPPING OF PDRS

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Abstract

I show that the broad Raman-scattered wings of $H\alpha$ can be used to map neutral gas illuminated by high-mass stars in star forming regions. Absorption lines of neutral oxygen are detected in the spectra.

1. INTRODUCTION

Dopita et al. (2016) were the first to identify Raman scattering

in the Orion Nebula.

REFERENCES

Dopita, M. A., Nicholls, D. C., Sutherland, R. S., Kewley, L. J., & Groves, B. A. 2016, ApJ, 824, L13