

* § 2 needs a lot of work; I'd recommend you make a list of the key points you'd like to make; then we can work together to craft some clear text that effectively makes those points.

* There should be a § 5.3 that discusses the astrophysical results & implications of the XMM abundances for ζ Ori and ζ Pup

6 CONCLUSIONS

a new & relatively easy to employ method...

We have presented determinations of nitrogen and oxygen abundances from the O supergiants ζ Ori and ζ Pup using X-ray spectra from XMM-Newton's RGS spectrometers. We find ζ Ori to have approximately solar abundances, and ζ Pup to have highly enhanced nitrogen with a corresponding depletion of oxygen. We found that four-temperature and five-temperature APEC models sufficiently account for the temperature distributions in these winds. WINDTABS was used to account for absorption due to the wind. While radial stratification of the ionization balance is certainly present in these winds, we find that assuming a radially constant opacity is a good assumption for these stars, as helium recombines in the outer wind where densities are an order of magnitude lower than in the inner wind.

This method serves as an accurate benchmark for optical and UV determinations. While radially independent opacities are sufficient in this case, implementation of a radially varying opacity into WINDTABS will extend the applicability of this method to other O-stars.

7 ACKNOWLEDGMENTS

Support for this work was provided by... (?) (Include Tarble fellowship)

shows ...

* generally § 6 needs
to be

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§ 4 & 5
be moved

here, but it'll
have to be
beefed up, too).

Finally,
there
should be
some discussion
of the C
abund.
results, too

* weird formatting in
many of the references