

***Interactive comment on* “Detection and measurement of total ozone from stellar spectra: Paper 2. Historic data from 1935–1942” by R. E. M. Griffin**

R. E. M. Griffin

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Reviewer #2 asks for more clarification of "astronomical" terms. Those were in fact well explained in Paper 1 (this is Paper 2), but since it was felt that more repetition was called for I will provide the extra clarification here as well.

I am not sure that prism plates necessarily penetrate further into the UV than do grating plates. The controlling factors are the materials used in the optics (quartz or glass), the wavelength response of the emulsion, and the general set-up (efficiency of the spectrograph, blaze angle of the grating, etc.). One can often optimize a grating spectrograph for the UV, or not.

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Typos are (gratefully!) noted.

Interactive comment on Atmos. Chem. Phys. Discuss., 5, 10925, 2005.

ACPD

5, S5189–S5190, 2005

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