CORRIGENDA

Corrigendum

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During the publication process for Jeevanjee and Fueglistaler (2020), several production errors occurred that need correction. First, in section 5 after Eq. (19), an incorrect inequality sign was used. The affected sentence should read "Physically, the $\tau = 1$ law holds for such coordinates because $\tau \approx 1$ is a 'sweet spot,' in between $\tau \ll 1$ (where the optical depth gradient $d\tau/d\xi$ goes to 0) and $\tau \gg 1$ (where the transmissivity $e^{-\tau}$ goes to 0)."

The second correction involves the removal of an errant label between Figs. 7e and 7f. The correct Fig. 7 is shown below.

The third error occurred in the last line of the first paragraph of section 6. The units of the spectrally resolved heating should be K day^{-1} cm, not K day^{-1} cm^{-1}.

None of these errors affected the results or conclusions of the paper. AMS regrets any inconvenience these errors may have caused.

REFERENCE

Jeevanjee, N., and S. Fueglistaler, 2020: On the cooling-to-space approximation. *J. Atmos. Sci.*, **77**, 465–478, https://doi.org/10.1175/JAS-D-18-0352.1.

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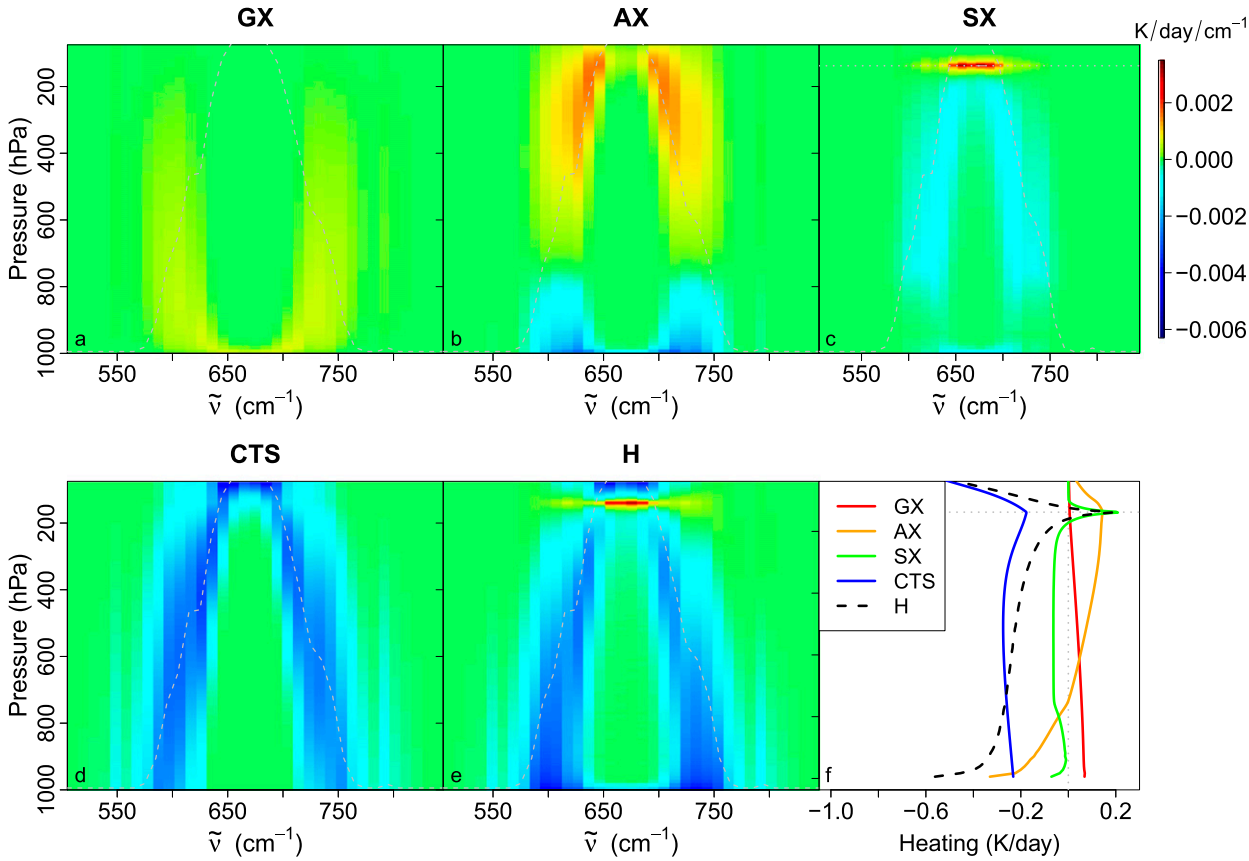

FIG. 7. Profiles of the effective absorption coefficient κ_1 for CO_2, as predicted by Eq. (27) (red) as well as diagnosed from RFM (black) by linearly averaging $\kappa(\tilde{\nu}, p)$ over those $\tilde{\nu}$ that also contribute to $\Delta\tilde{\nu}$ in Eq. (20). The good agreement confirms the $1/p$ scaling for κ_1, which underlies the stratospheric enhancement of $\mathscr{H}_{\tilde{\nu}}$ (see Fig. 6).