



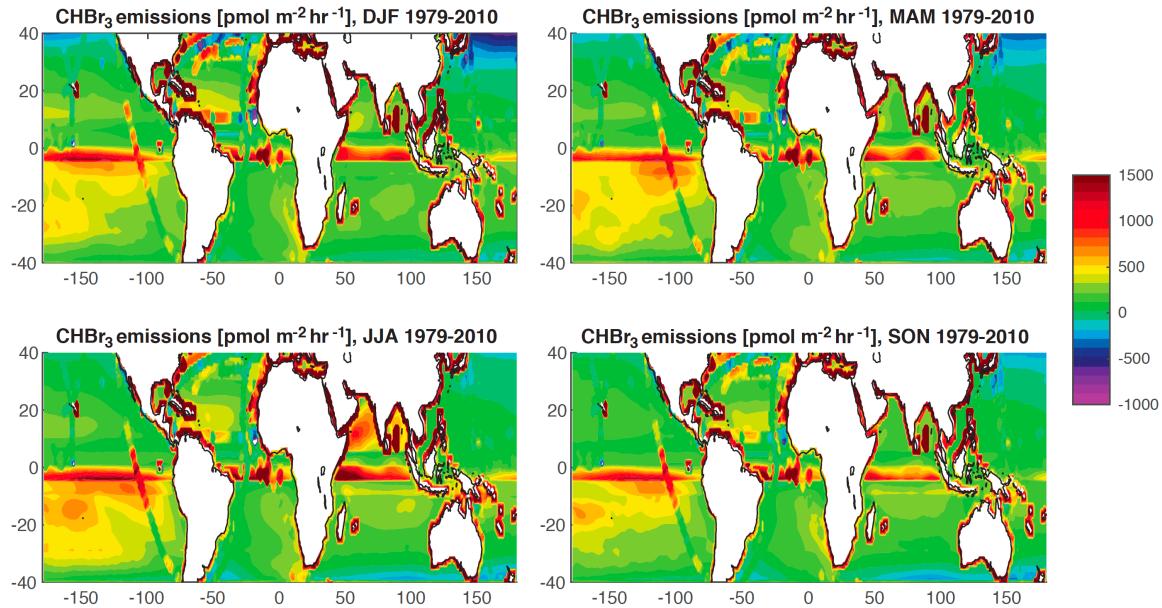
*Supplement of*

## **Variability and past long-term changes of brominated very short-lived substances at the tropical tropopause**

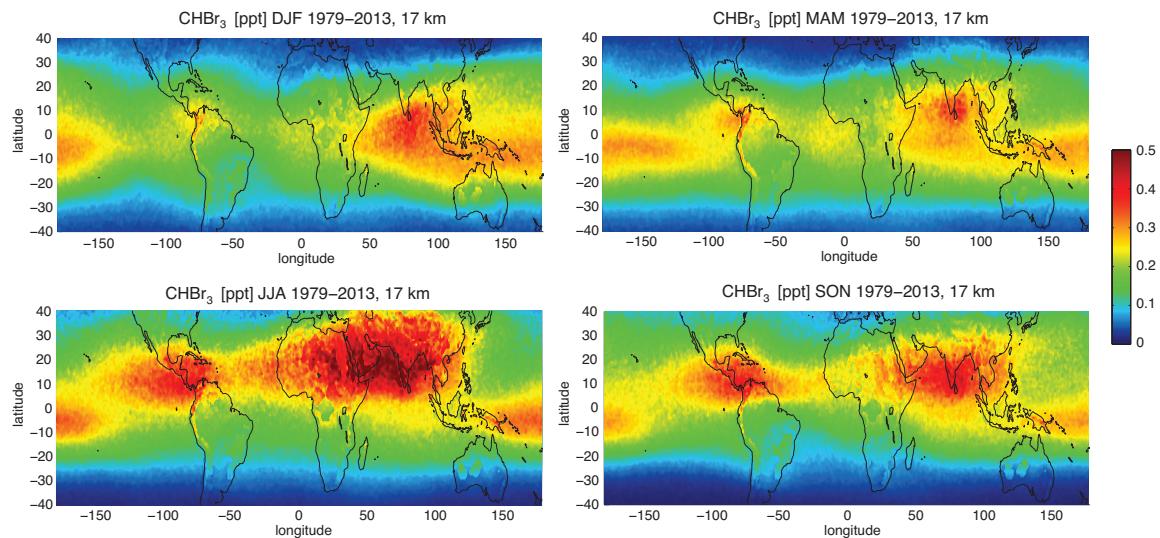
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**Figure S1:** Seasonal mean CHBr<sub>3</sub> emissions for DJF (December–February), MAM (March–May), JJA (June–August), and SON (September–November) 1979–2013 from Ziska et al. (2013).



**Figure S2:** Modelled seasonal mean distribution of CHBr<sub>3</sub> at 17 km for DJF (December–February), MAM (March–May), JJA (June–August), and SON (September–November) 1979–2013.