Atmospheric Measurement Techniques Discussions

Atmos. Meas. Tech. Discuss., author comment AC4
https://doi.org/10.5194/amt-2021-362-AC4, 2022

Reply on RC1

Magdalena Vallon et al.

Author comment on "LED-based solar simulator to study photochemistry over a wide temperature range in the large simulation chamber AIDA" by Magdalena Vallon et al., Atmos. Meas. Tech. Discuss., https://doi.org/10.5194/amt-2021-362-AC4, 2022

Complete references for the previous answer:

Clegg, S. L., Brimblecombe, P., Wexler, A. S.; A thermodynamic model of the system H^+ - $NH4^+$ - $SO4^{2-}$ - $NO3^-$ - H2O at tropospheric temperatures. J. Phys. Chem. A, 102, 2137-2154, doi: 10.1021/jp973042r 1998.

Extended AIM Aerosol Thermodynamics Model, http://www.aim.env.uea.ac.uk/aim/aim.php, 31.01.2022.

Mack, J., Bolton J. R.; Photochemistry of nitrite and nitrate in aqueous solution: a review, Elsevier J. Photochem. Photobiol., A: Chem, 128, 1-13, doi: 10.1016/S1010-6030(99)00155-0, 1999.