

Interactive comment on “A new actinic flux 4π -spectroradiometer: Instrument design and application to clear sky and broken cloud conditions” by E. Eckstein et al.

E. Eckstein et al.

Received and published: 17 February 2003

The following are replies to the specific comments of referee2:

A comment to point (13): The parameterisation of $J(\text{NO}_2)$ is shown in this plot, because it takes into account the ozone column and the aerosol optical thickness of that particular day. Anyway in this case, the clear sky data are shown just to illustrate special cases which were chosen for comparison.

The other technical corrections suggested by the referee will be applied to the revised version of the manuscript.

Interactive comment on Atmos. Chem. Phys. Discuss., 2, 1939, 2002.

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