

Corrigendum to

“Characteristics of aerosol and cloud particle size distributions in the tropical tropopause layer measured with optical particle counter and lidar” published in Atmos. Chem. Phys., 7, 3507–3518, 2007

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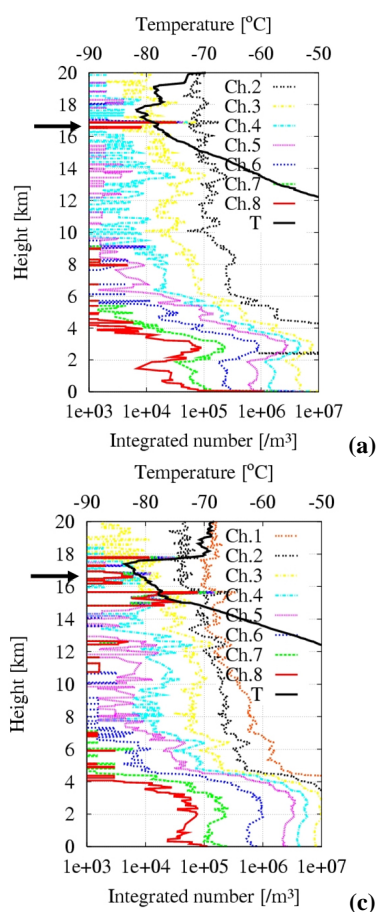


Fig. 3. (a, c) The vertical integrated number concentration and temperature measured with OPC and (b, d) time-height section of lidar backscattering coefficient on (a, b) 24 April and (c, d) 29 May where a black arrow in (a, c) denotes TTL cloud and yellow one in (b, d) denotes the time that OPC existed in the TTL. The lidar data are masked due to rain at 03:00–06:00 UT on 29 May (d).

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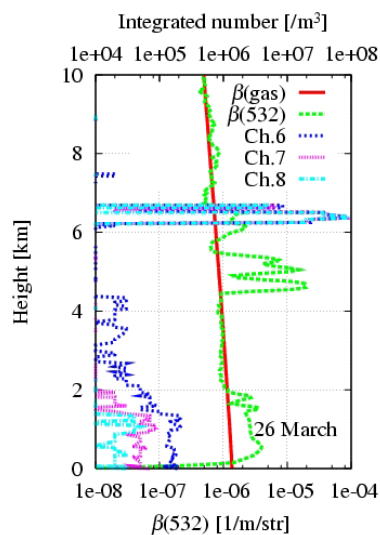


Fig. 4. Vertical profiles of backscattering coefficient, $\beta(532)$ and $\beta(\text{gas})$, and integrated particle number, Ch. 6, 7, and 8 of OPC, measured on 26 March. The cloud heights of which integrated number concentration is the maximum are higher than the heights whose β is the maximum at around 6.5 km; hence, cloud heights measured by lidar are not always higher than those by the OPC.

In the paper “Characteristics of aerosol and cloud particle size distributions in the tropical tropopause layer measured with optical particle counter and lidar” by S. Iwasaki et al. (Atmos. Chem. Phys., 7, 3507–3518, 2007) errors have occurred, for which the authors express genuine regret:

The correct Figs. 3a, 3c, and 4 should be shown as follows.

In the caption of Fig. 6, in the second line, the correct unit of the regression lines should be “ $\mu\text{m}/\text{m}^3$ ”.