



## **Stratospheric BrO measured by GOME during 1996-2001**

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With the DOAS method it is possible to extract vertical column densities of atmospheric trace gas species from satellite. One important species is BrO which has a strong ozone destructing potential. In this work a new method for the separation of the stratospheric BrO fraction from the total vertical column density will be presented.

The resulting stratospheric BrO column density will be compared to stratospheric NO<sub>2</sub> also derived from GOME. In addition, a comparison to balloon-borne measurements will be presented.