INSTITUT FÜR UMWELTPHYSIK HEIDELBERG
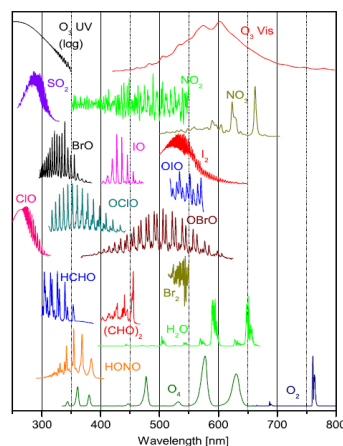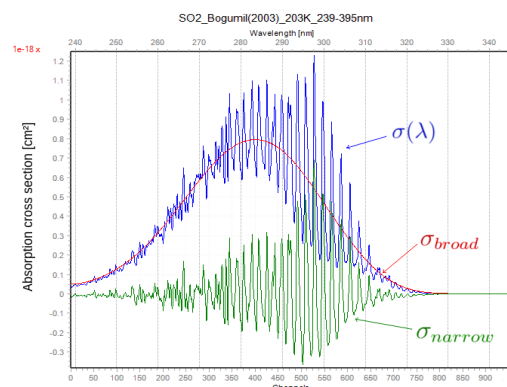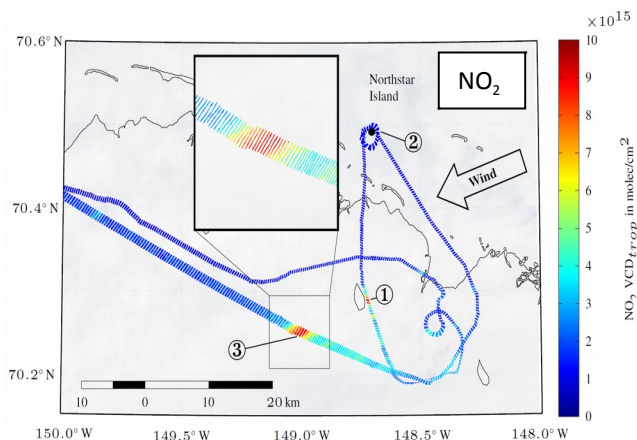
UNIVERSITÄT HEIDELBERG
ZUKUNFT SEIT 1386

HAIDI on HALO:
Aircraft-based 2- and 3D Measurements of Trace Gas Emissions of Megacities

Authors: K. Bigge, D. Pöhler, U. Frieß and U. Platt

DOAS

$$\sigma(\lambda) = \sigma_{broad} + \sigma_{narrow} =: \sigma_b + \sigma'$$

BROMEX, Alaska 2012

NO₂

HIGH ALTITUDE AND LONG RANGE RESEARCH AIRCRAFT

2D

3D

2017

2018

EMeRGe
HALO
UB-IUP UH-IUP BUW-IAU JGU-IPA DLR-IPA MPIC KIT-IMK FZJ-IEK
Effect of Megacities on the Transport and Transformation of Pollutants on the Regional to Global Scales