

GOMOS OCIO

Jean-Baptiste RENARD, LPCE-CNRS, Orléans, France

M. Chartier, C. Robert, LPCE, Orléans, France

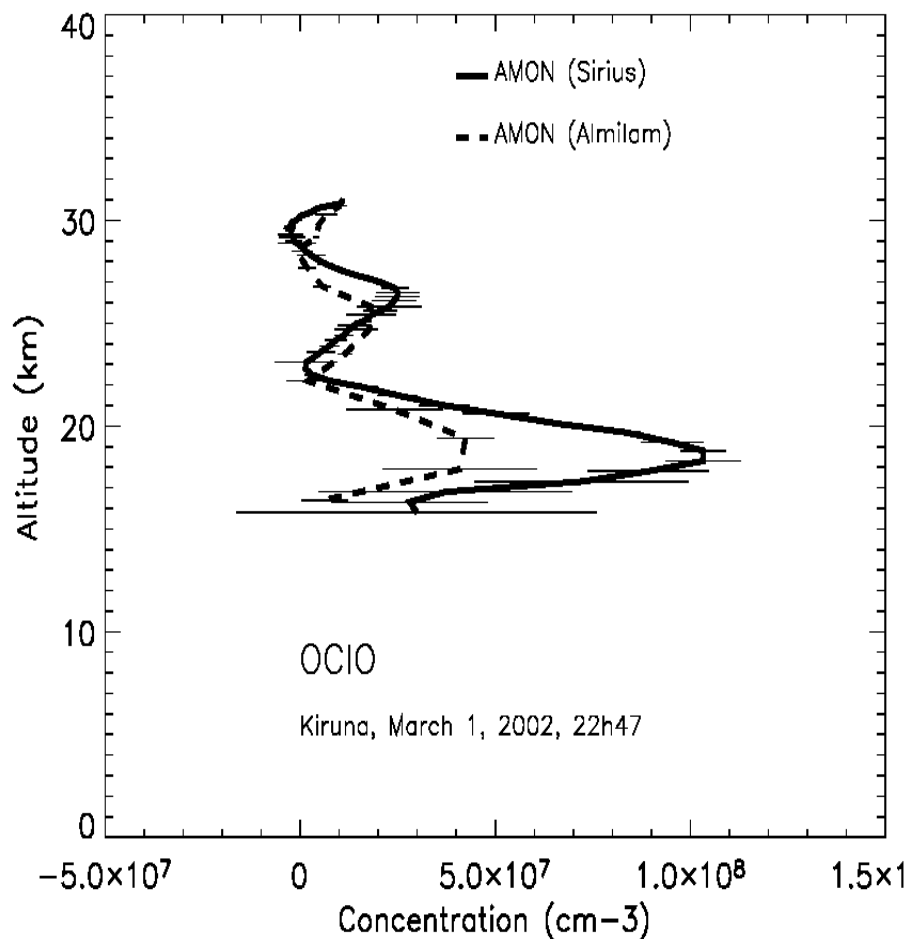
Balloon instruments (high latitudes)

UV visible spectrometers:

AMON (Stars occultation)

SALOMON (Moon occultation)

AMON : Kiruna, Sweden, March 1, 2003



- Measurements during a PSC event inside the vortex
- Dedicated window (350-400 nm) and DOAS method
- Detection impossible on GOMOS transmissions by the LPCE algorithm

- No OCIO detection by SALOMON on March 4, 2004 from Kiruna outside the vortex (GOMOS data not yet available).
- The LPCE algorithm has also failed to detect OCIO on GOMOS transmission spectra obtained with the brightest star (Sirius) on Feb. 8, 2003.
- Need of further studies, like performing the retrieval after averaging tens of GOMOS spectra