

Proposal ID: 08_0081
PI name: Stefanie Walch
PI email: walch@ph1.uni-koeln.de

Data processing liaison: Denise Riquelme
Email: riquelme@mpifr-bonn.mpg.de

Bonn, 11 June 2021

Dear Dr. Walch

The attached
Cycle8_GR_OT_08_0081_Walch.class,
files contain the processing steps to create the level 3b and level 4 data products
(.great), including:

- Calibration to T_{mb}
- removal of a first order spectral baseline
- average of data for each pixel

The observations consist of several pointing observations for the sources L1536-EDGE-1 and L1536-EDGE-2. The final data set have the average for each pixel, therefore it has only 7 spectra ("L1536-edge-1_CII.great", and "L1536-edge-2_CII.great" for CII and "L1536-edge-1_OI.great" and "L1536-edge-2_OI.great" for OI). Many data from the pixel SOF-LFAH_3_S have bad baselines, therefore they were not used in the final average. I also exclude the data from the pixel SOF-LFAV_5_S because it was reported interferences during the observations and the data was corrupted. All data is though in the original file "Cycle8_GR_OT_08_0081_Walch-Ta.great" in case you want to check them.

We recommend the use of a recent version of the CLASS software (Jul 17 or later) which is part of the GILDAS software package (<http://www.iram.fr/IRAMFR/GILDAS>).

If you have any questions please do not hesitate to contact me.

Best regards,

Denise Riquelme
GREAT liaison