

Various Infrared spectral resolutions

Standard Atmosphere:

0.2 cm^{-1} (NAST-I-like)

0.6 cm^{-1} (HES-like)

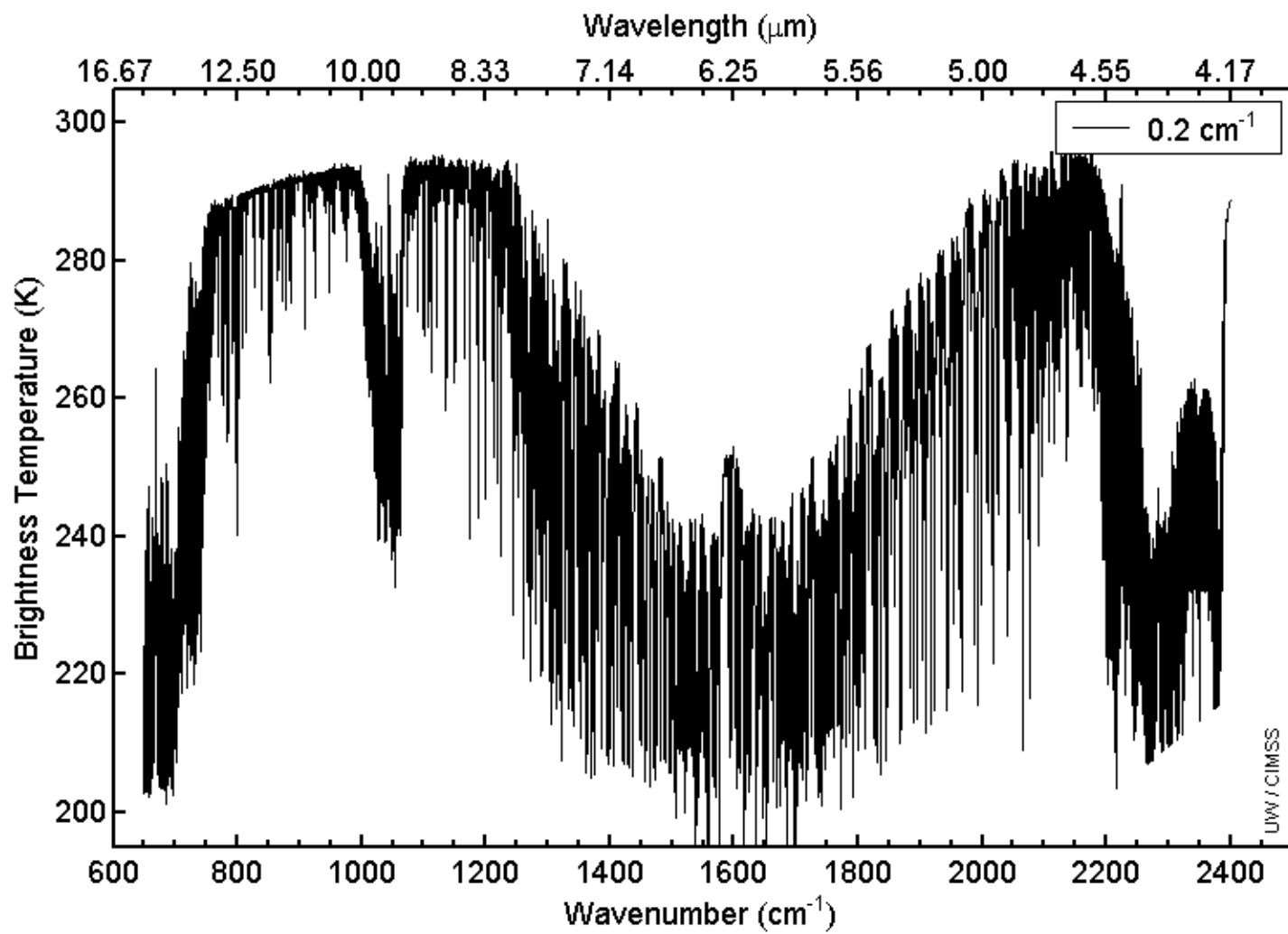
1.2 cm^{-1} (HES-like)

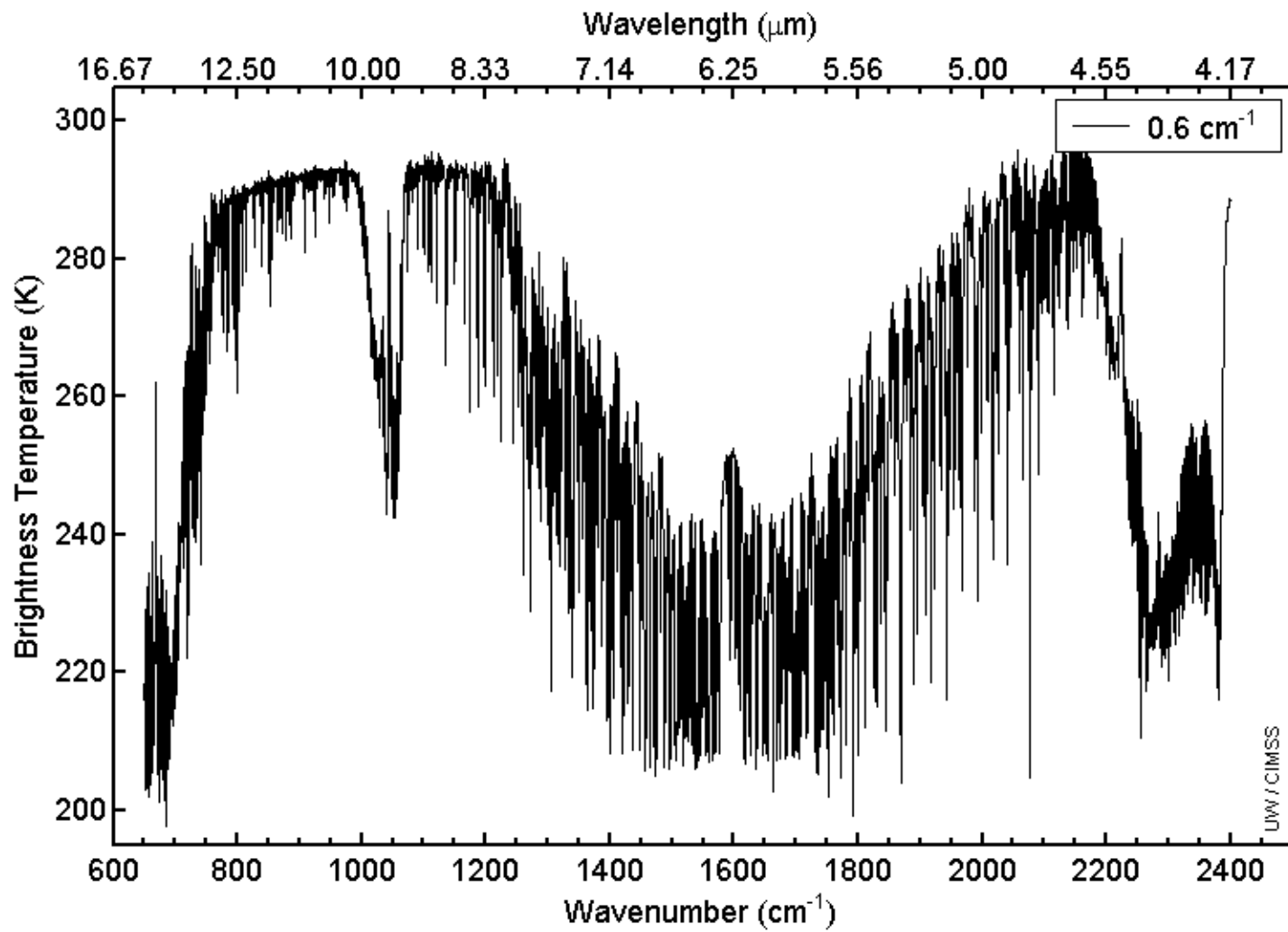
4.8 cm^{-1}

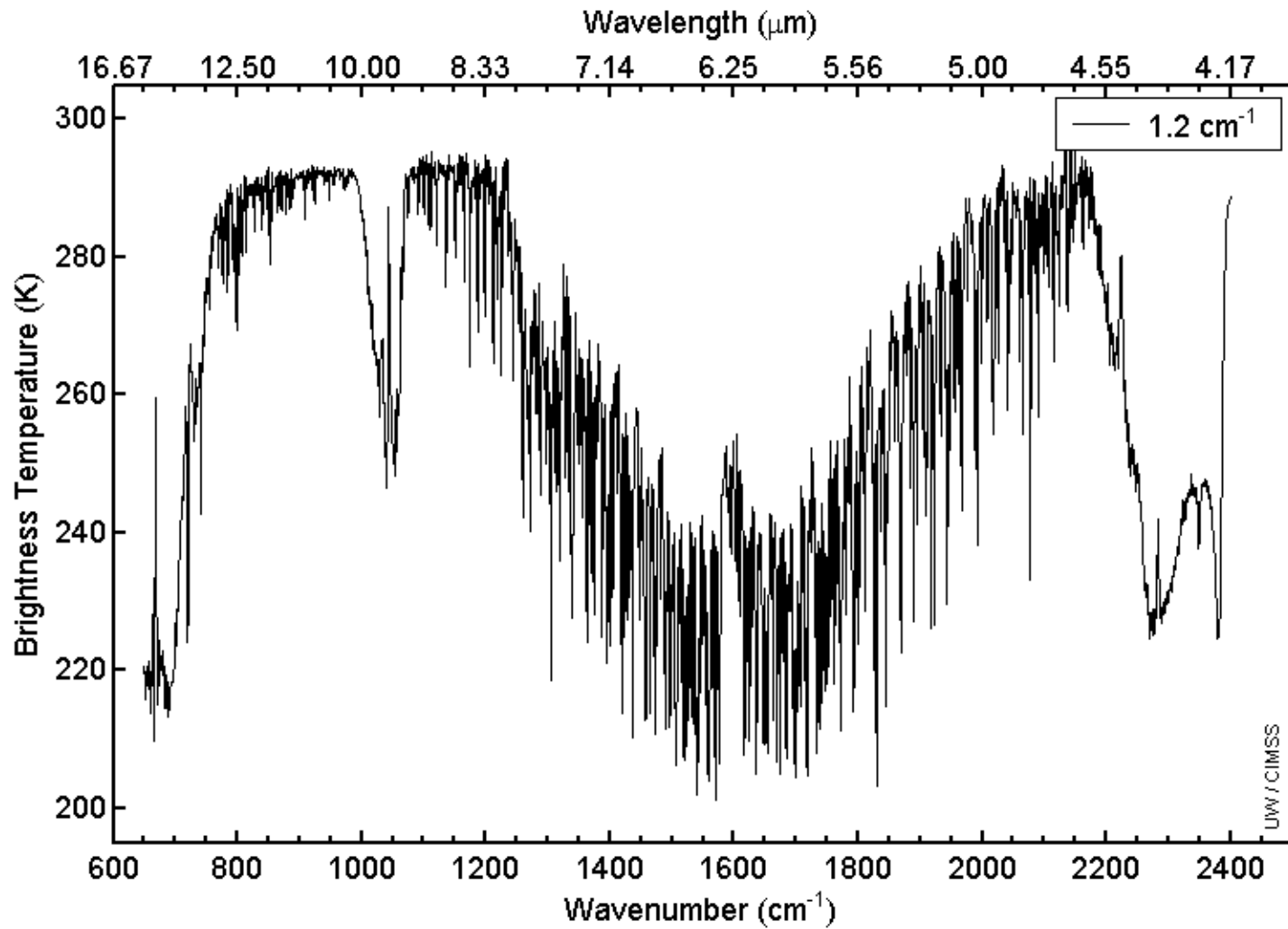
19.2 cm^{-1} (current sounder-like)

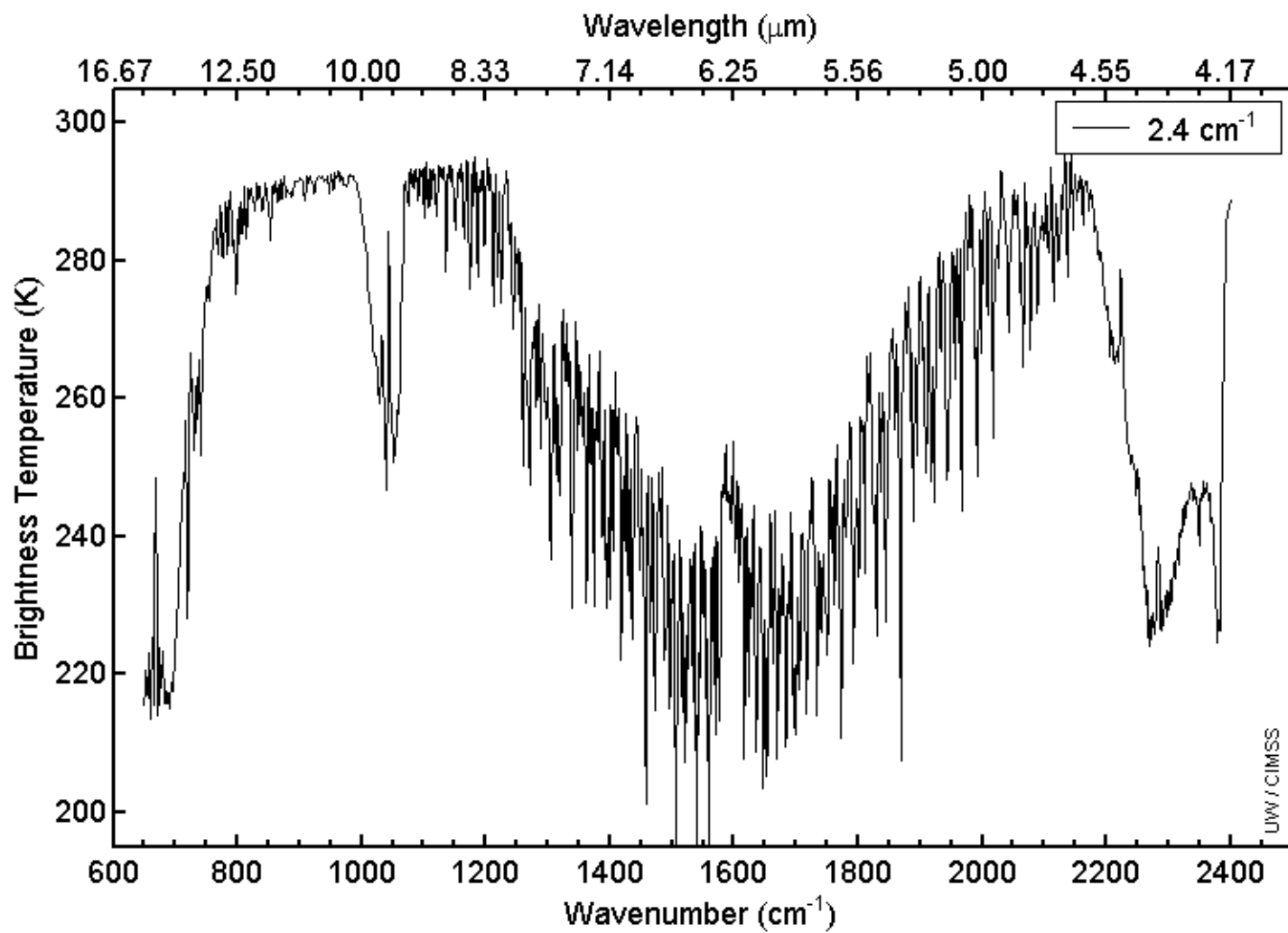
38.4 cm^{-1} (imager-like)

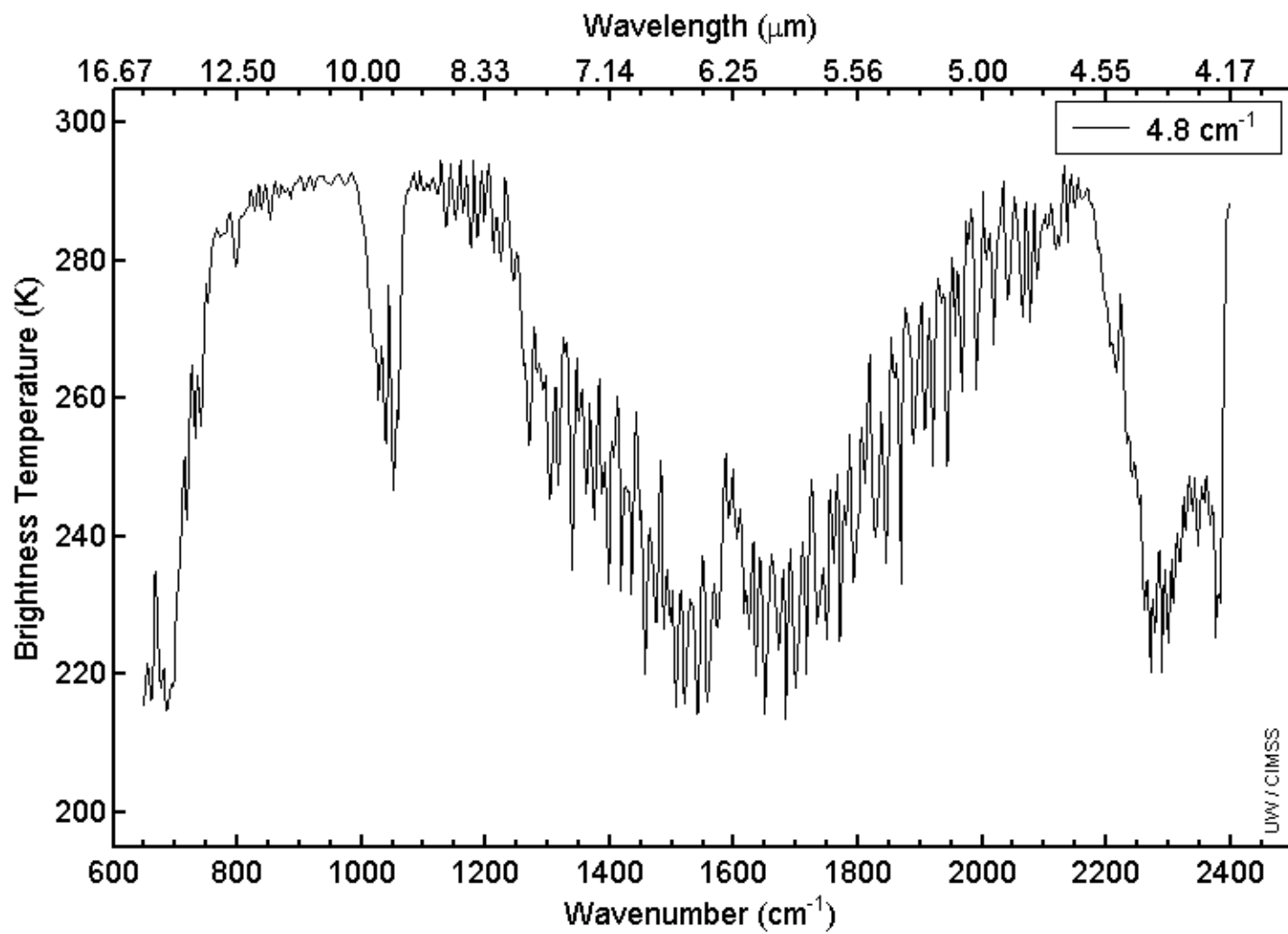
Jun Li, Mat Gunshor and Tim Schmit

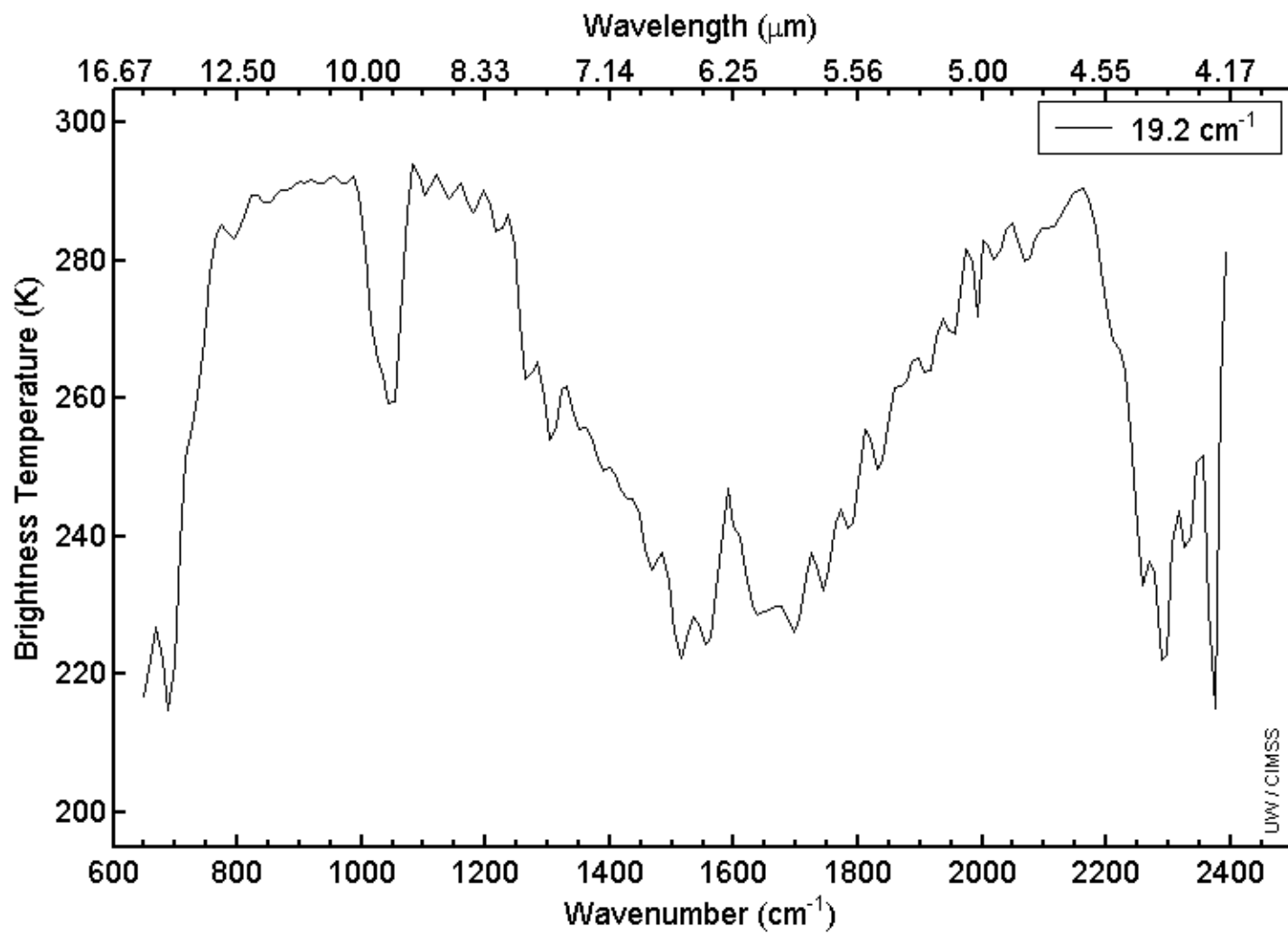




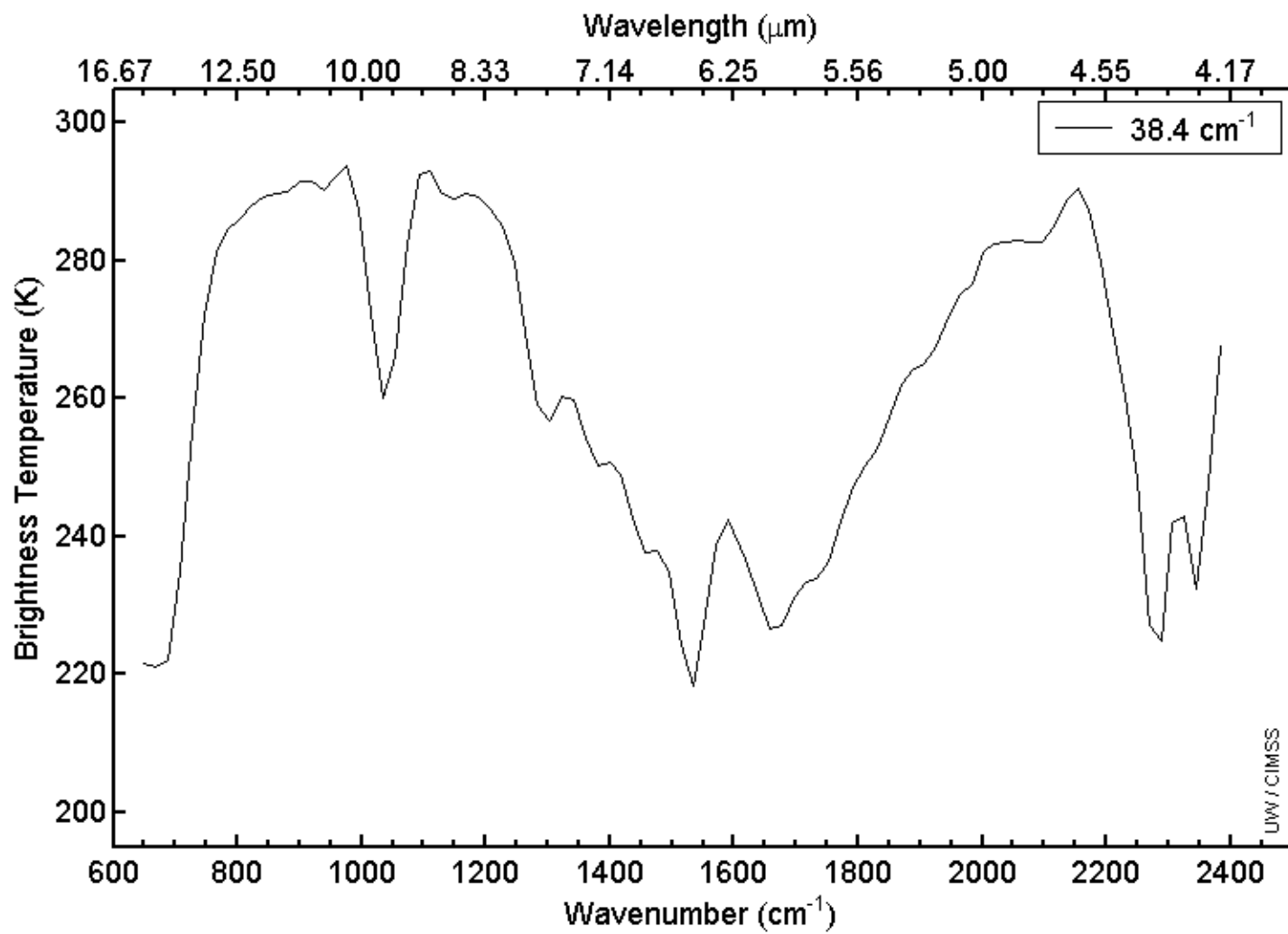


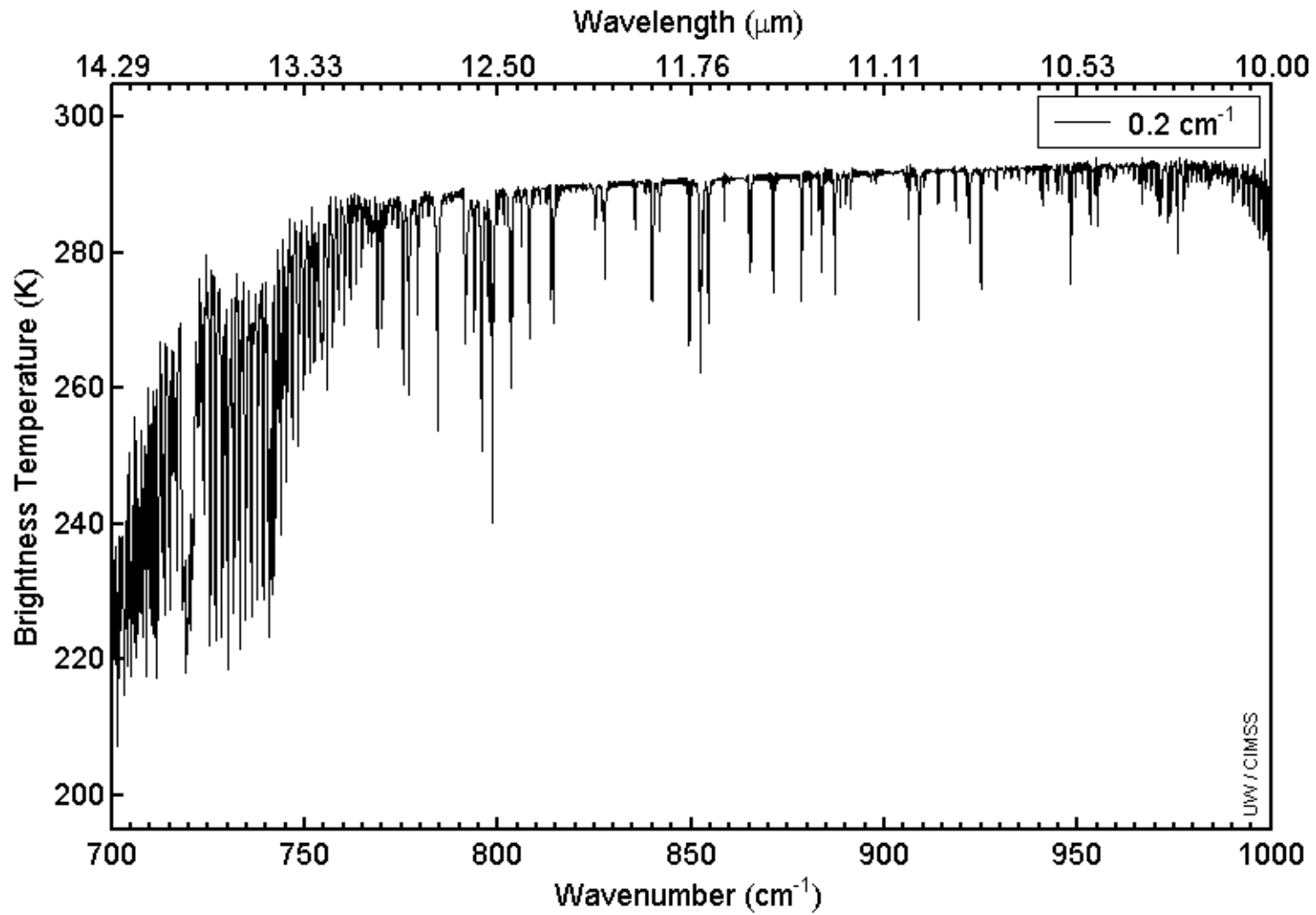




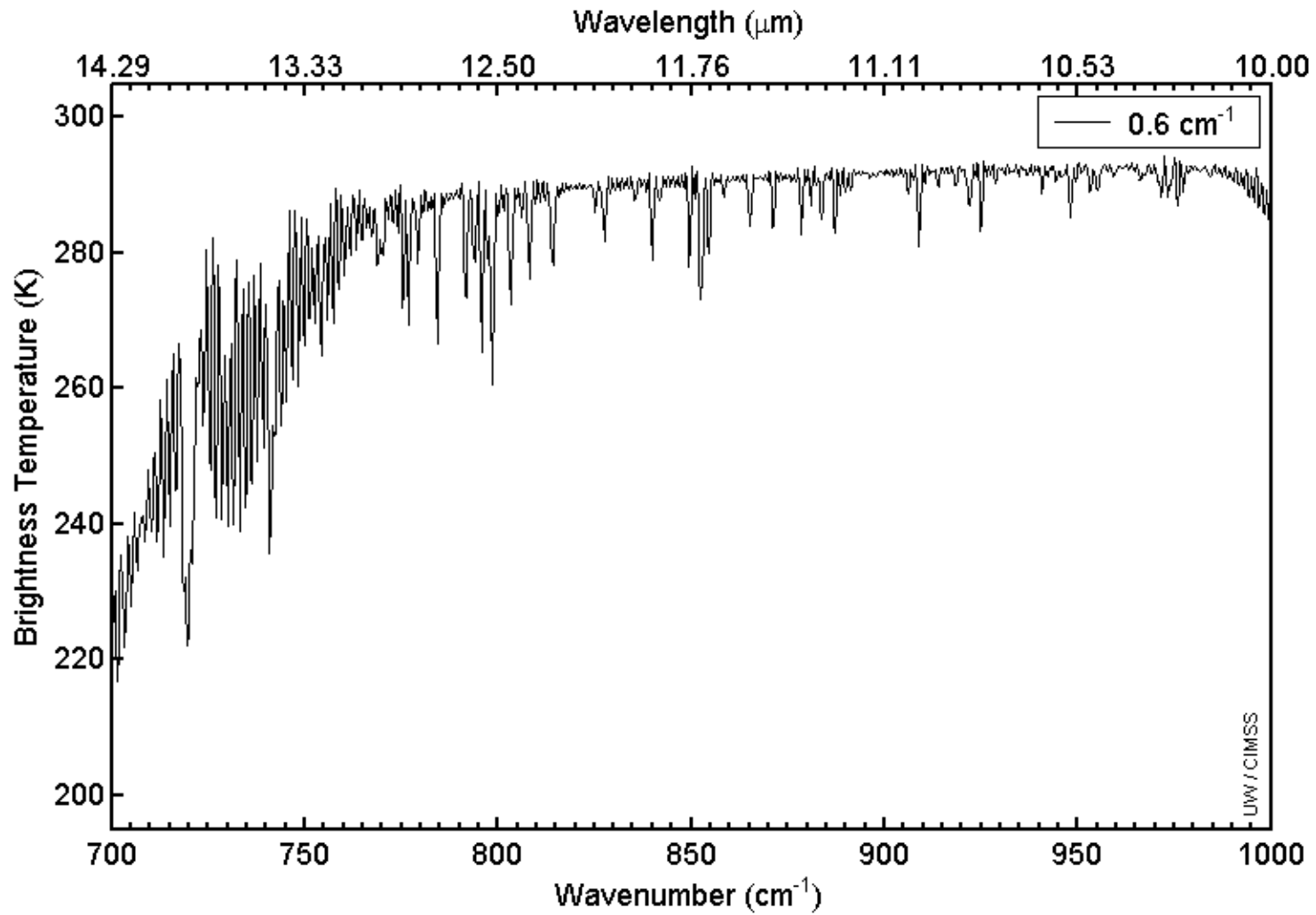


LJW/CIMSS

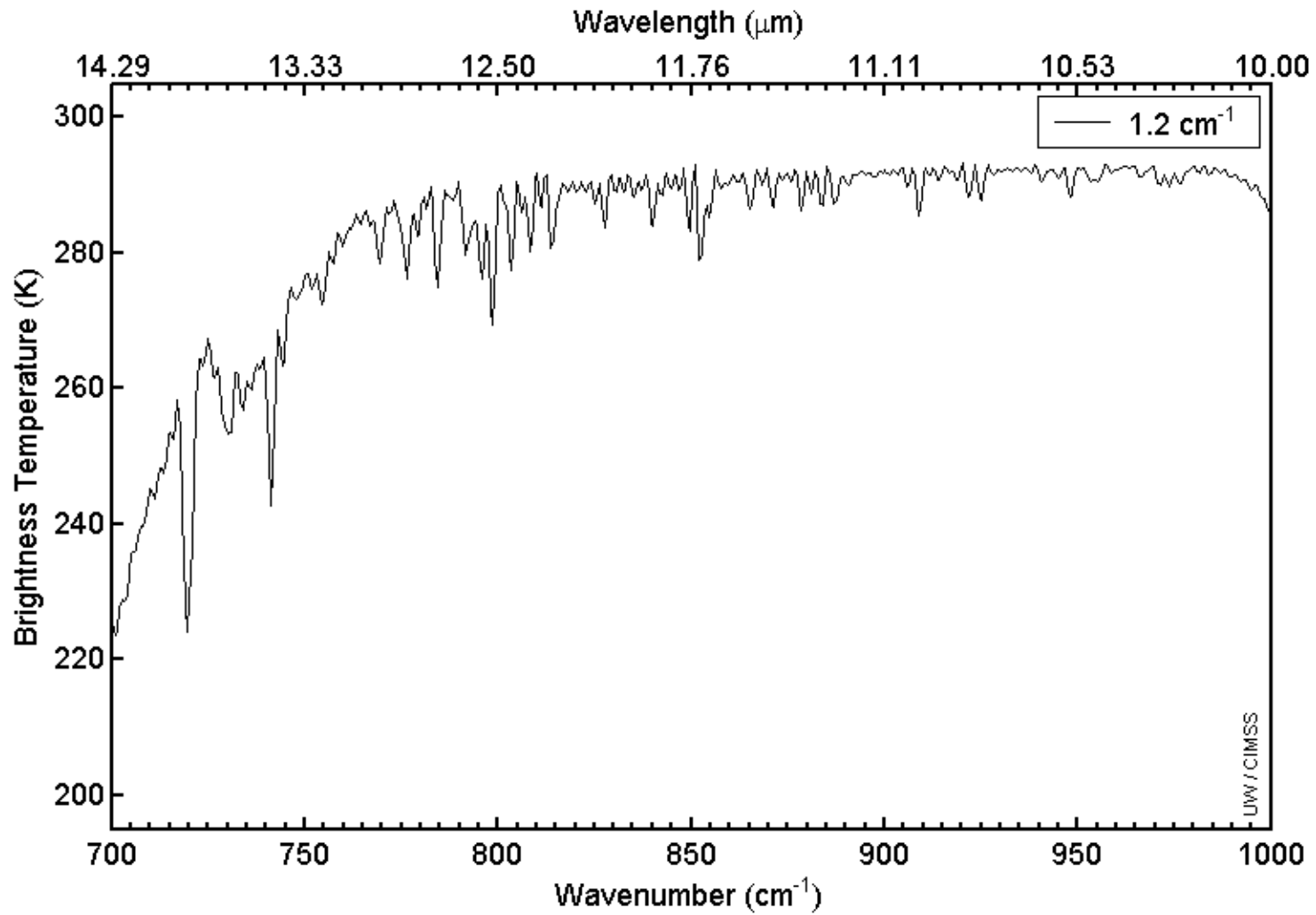




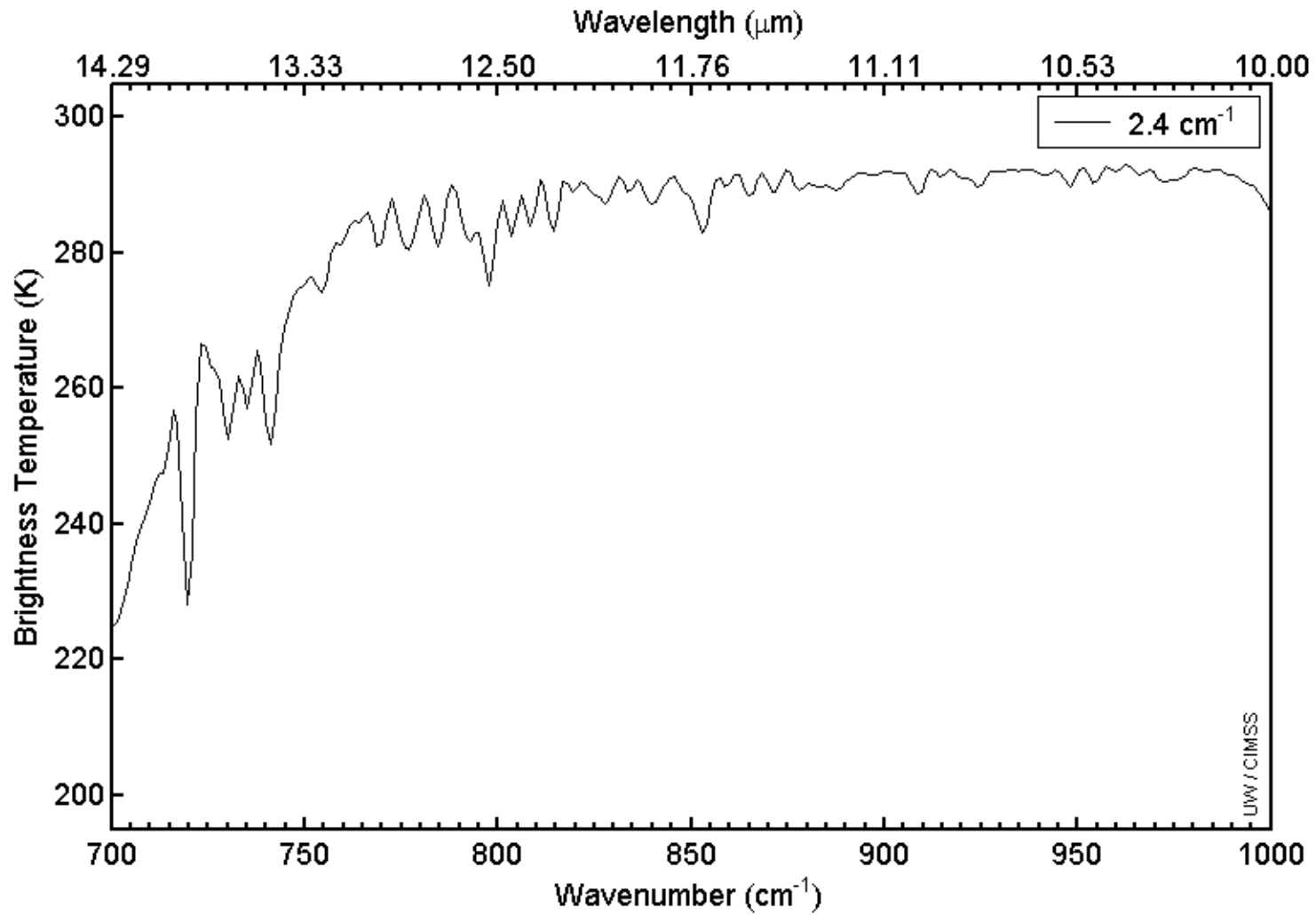
Longwave window region



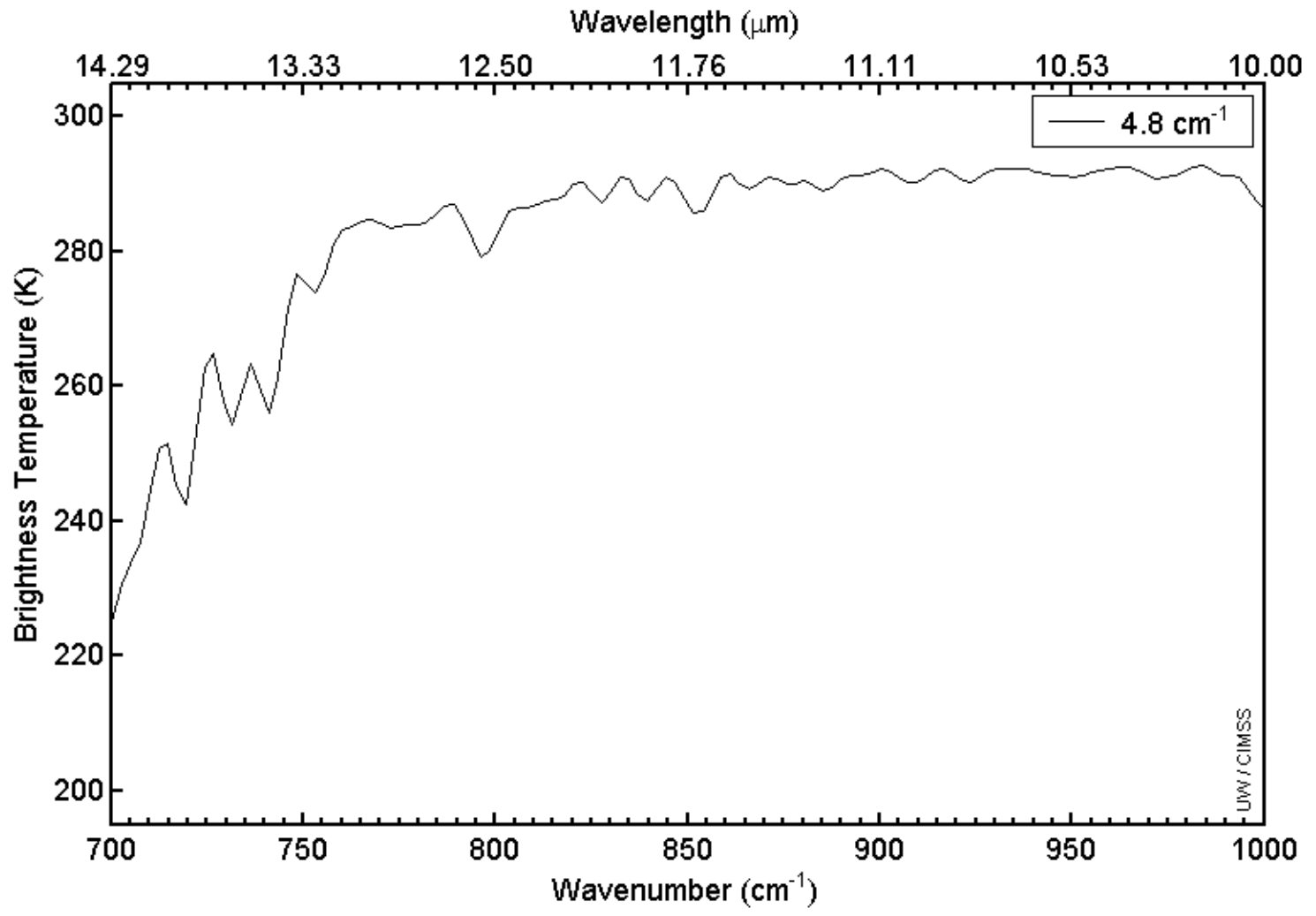
Longwave window region



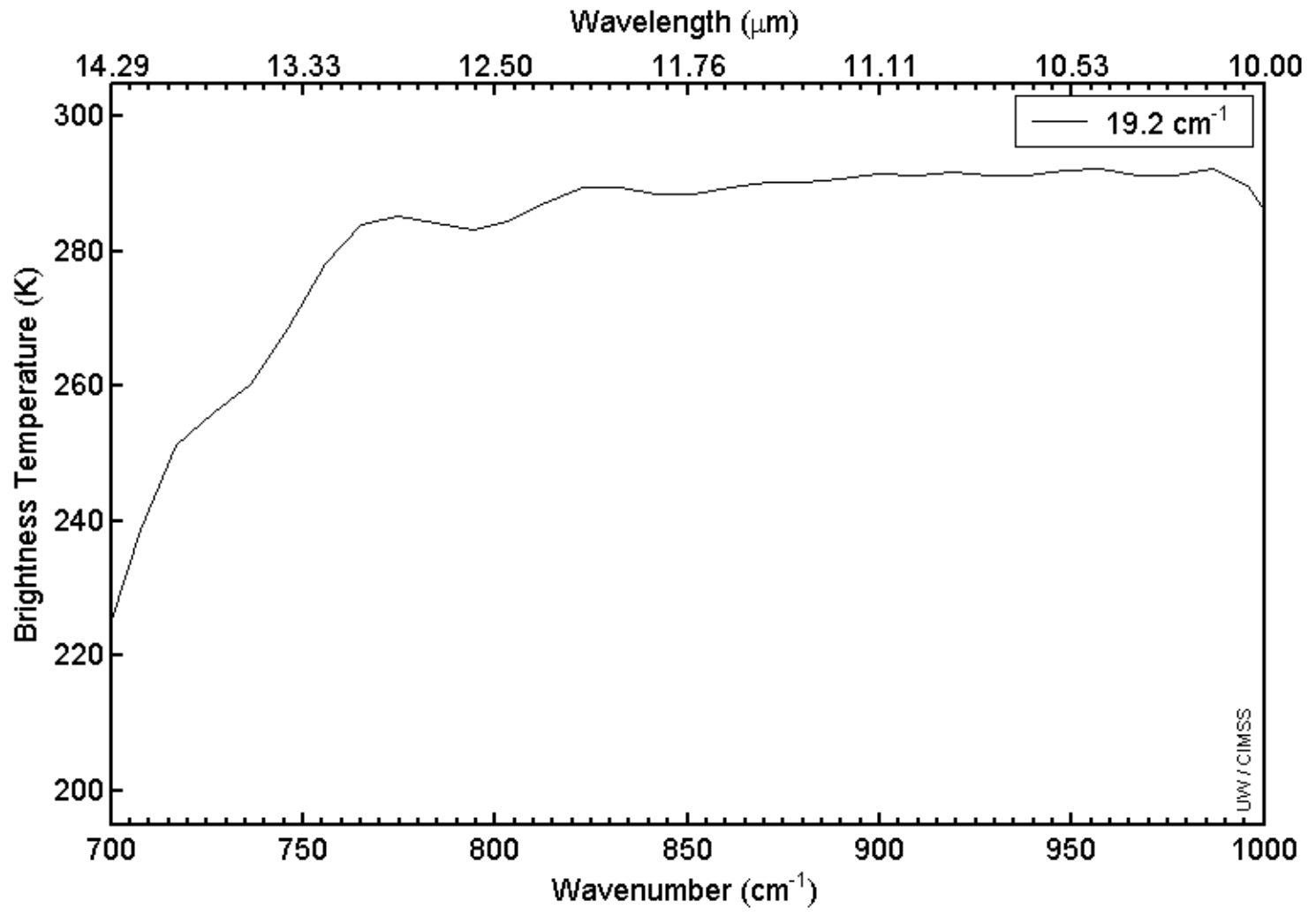
Longwave window region



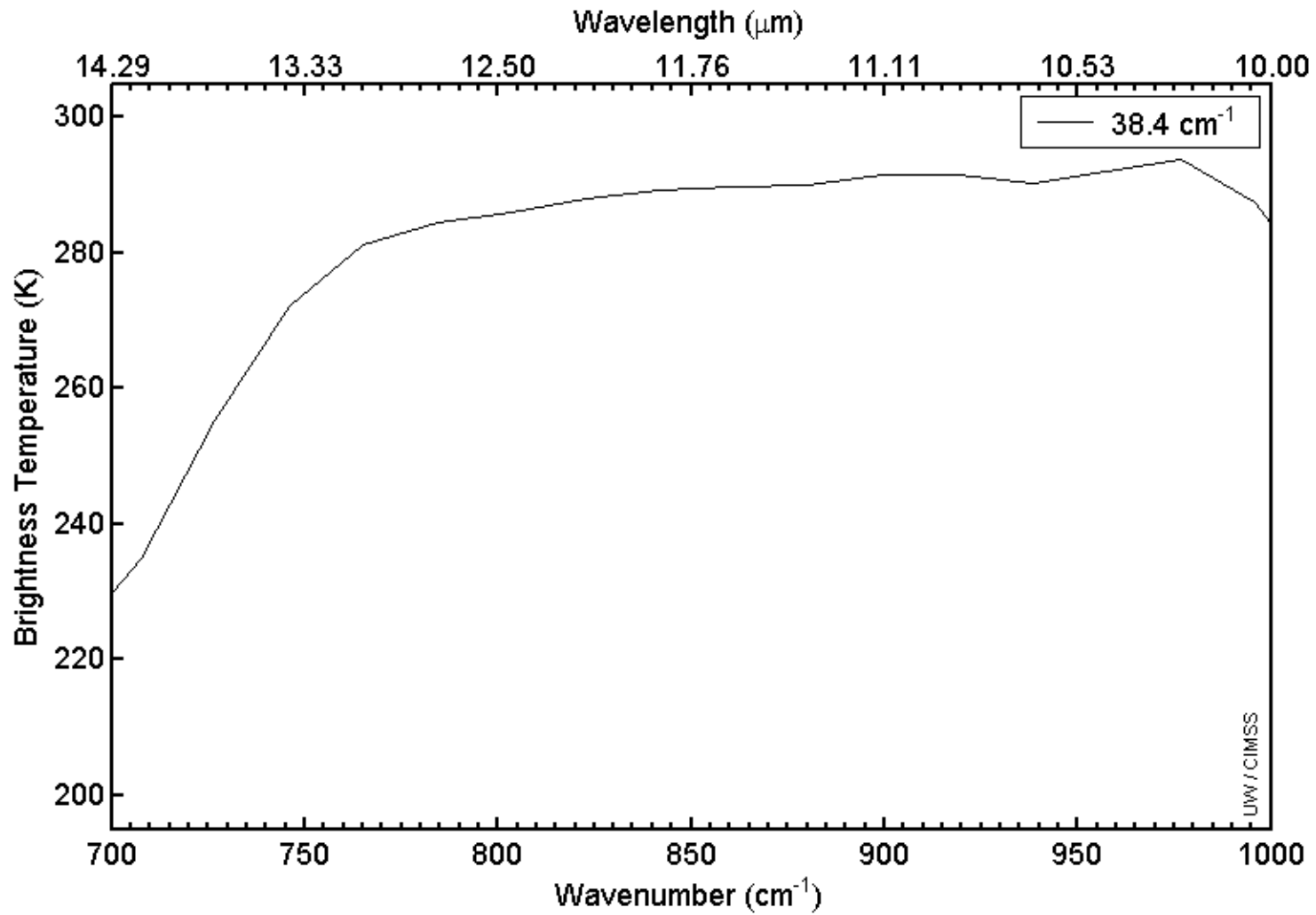
Longwave window region



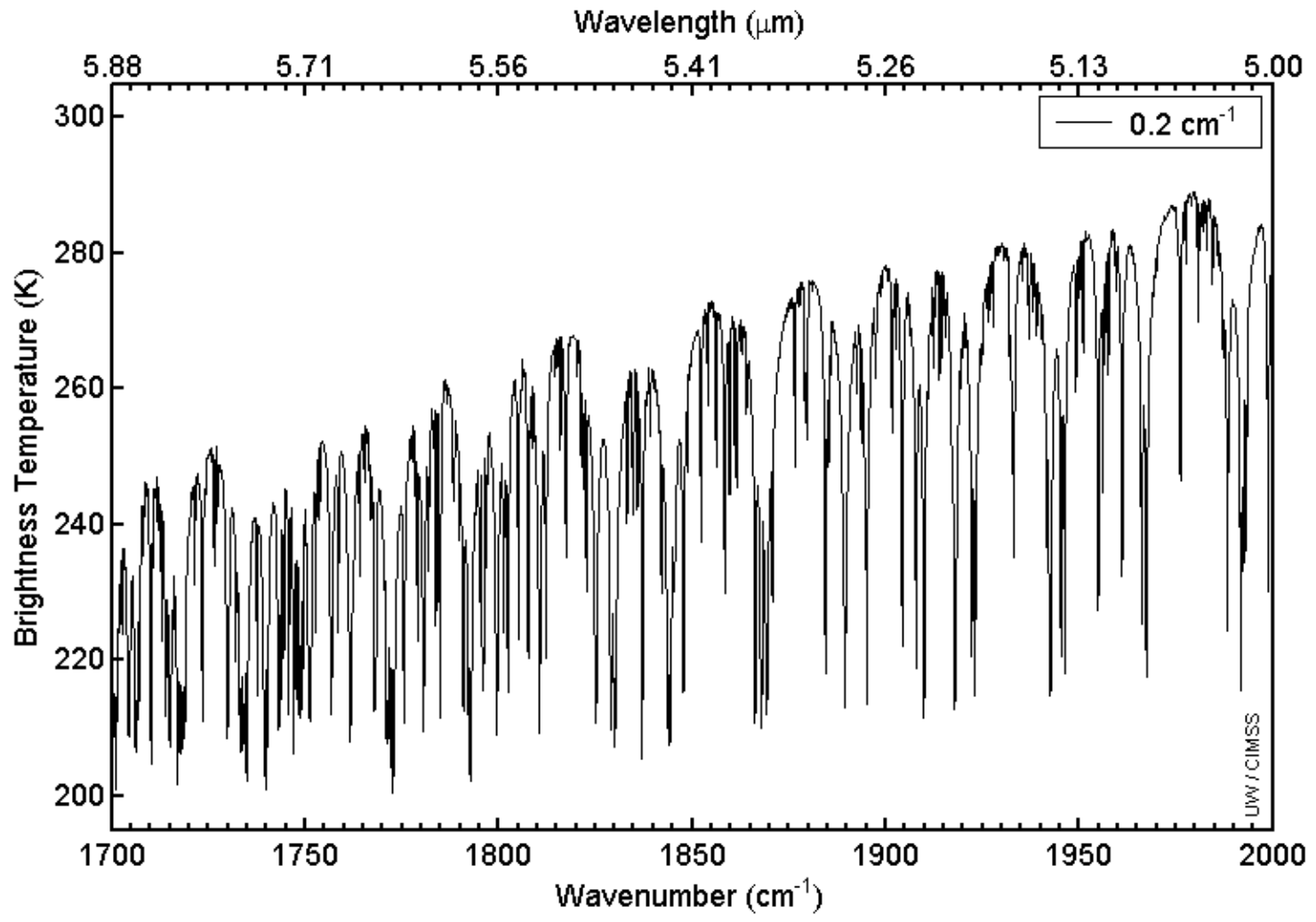
Longwave window region



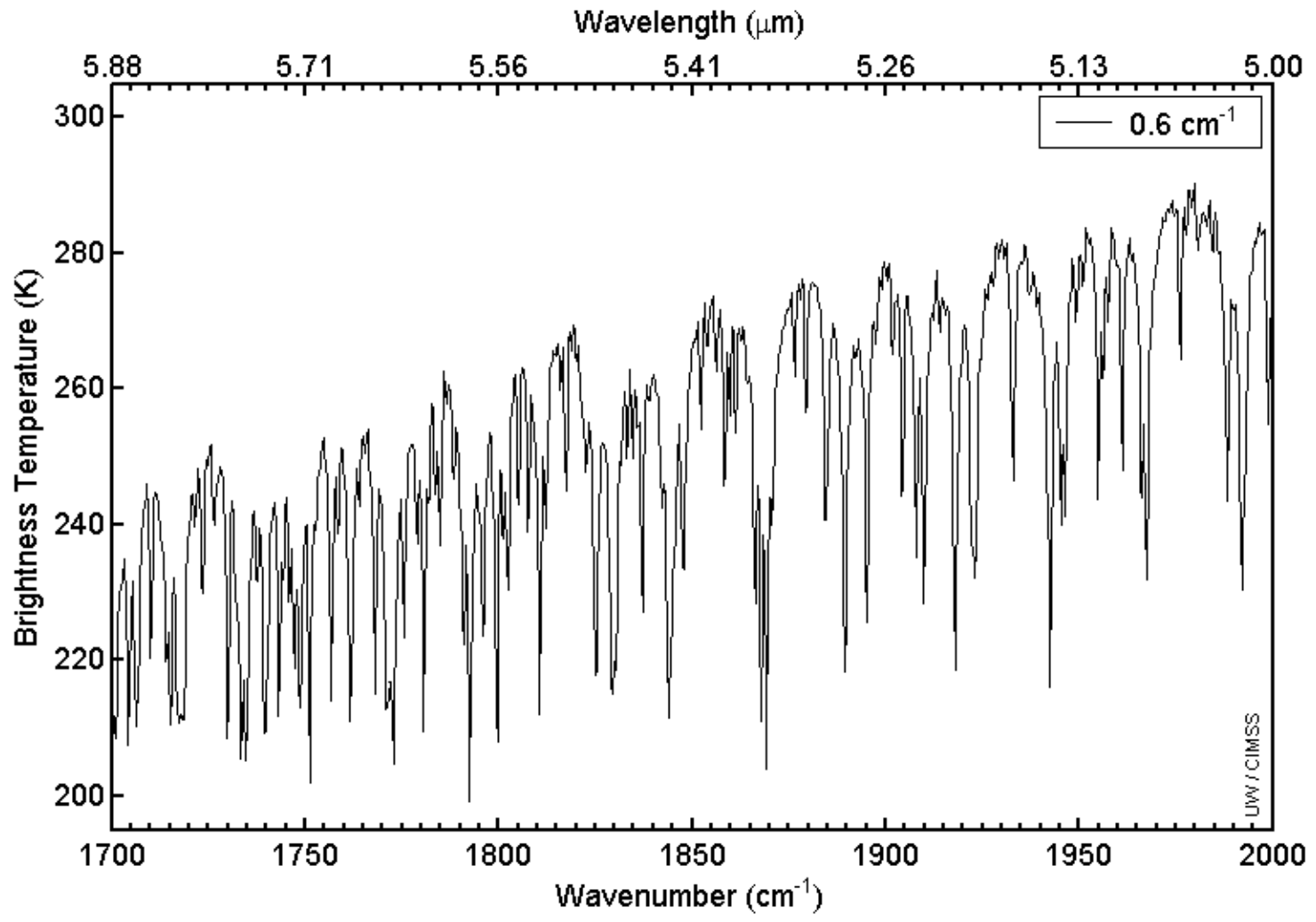
Longwave window region



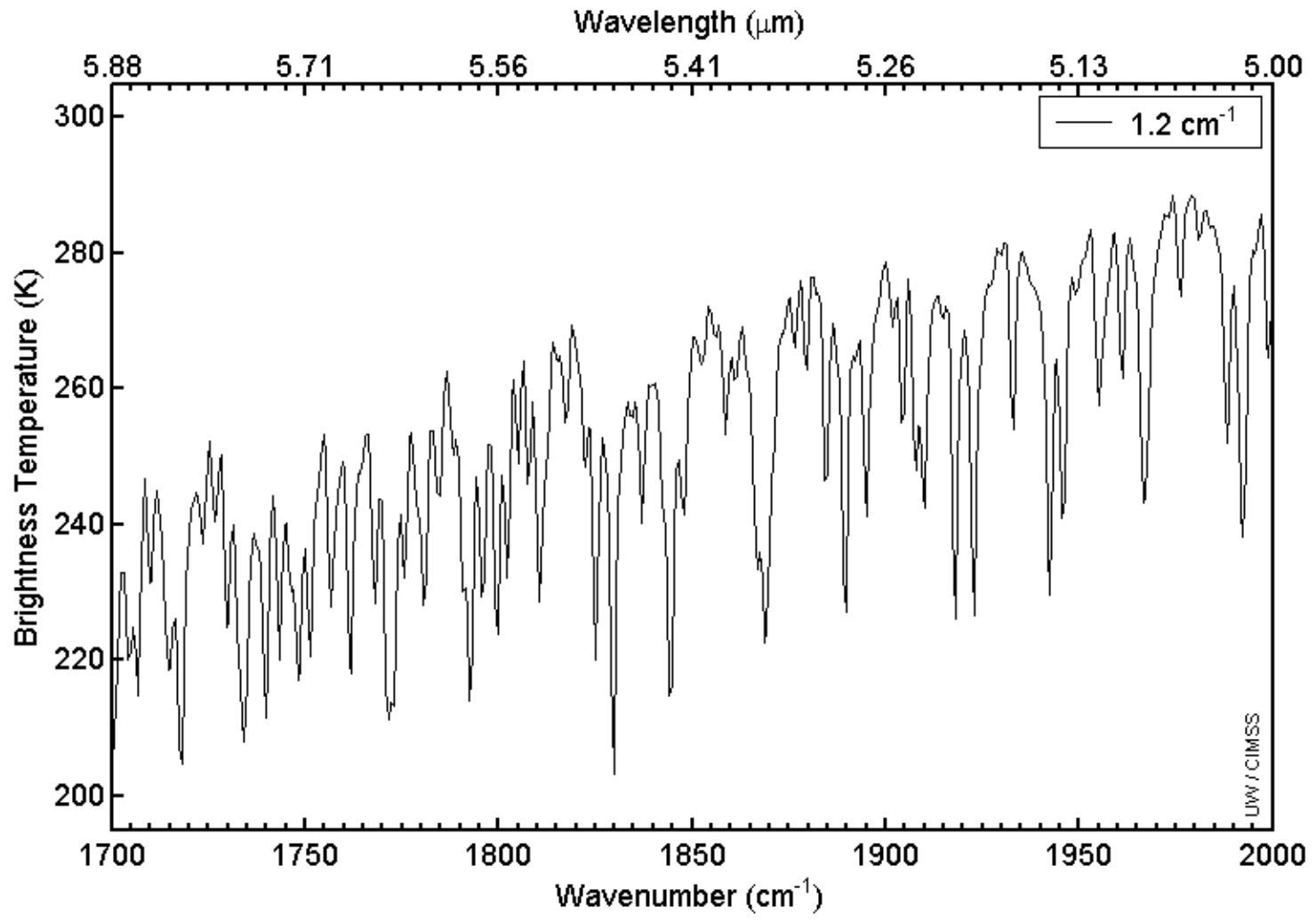
Longwave window region



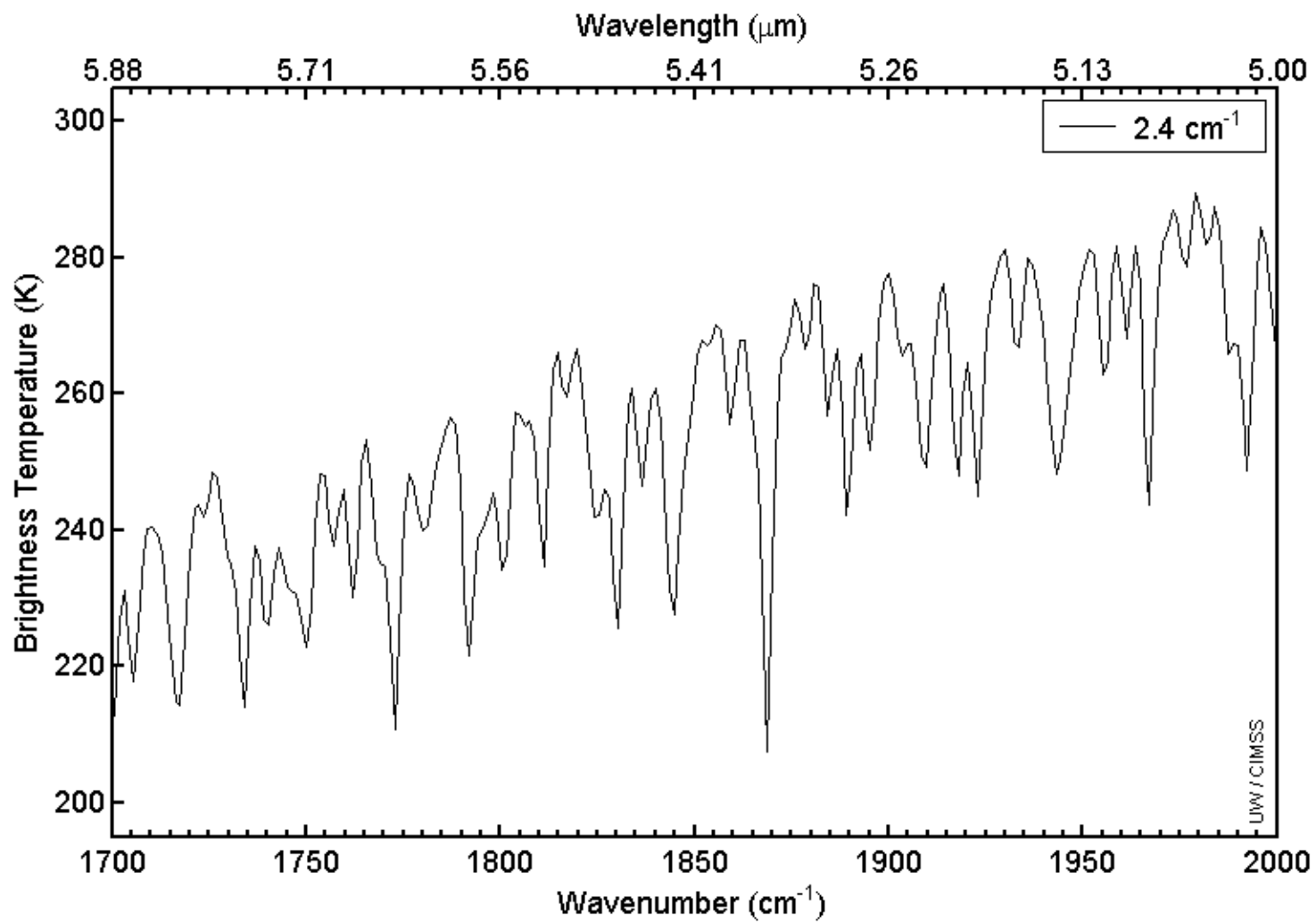
Water vapor region



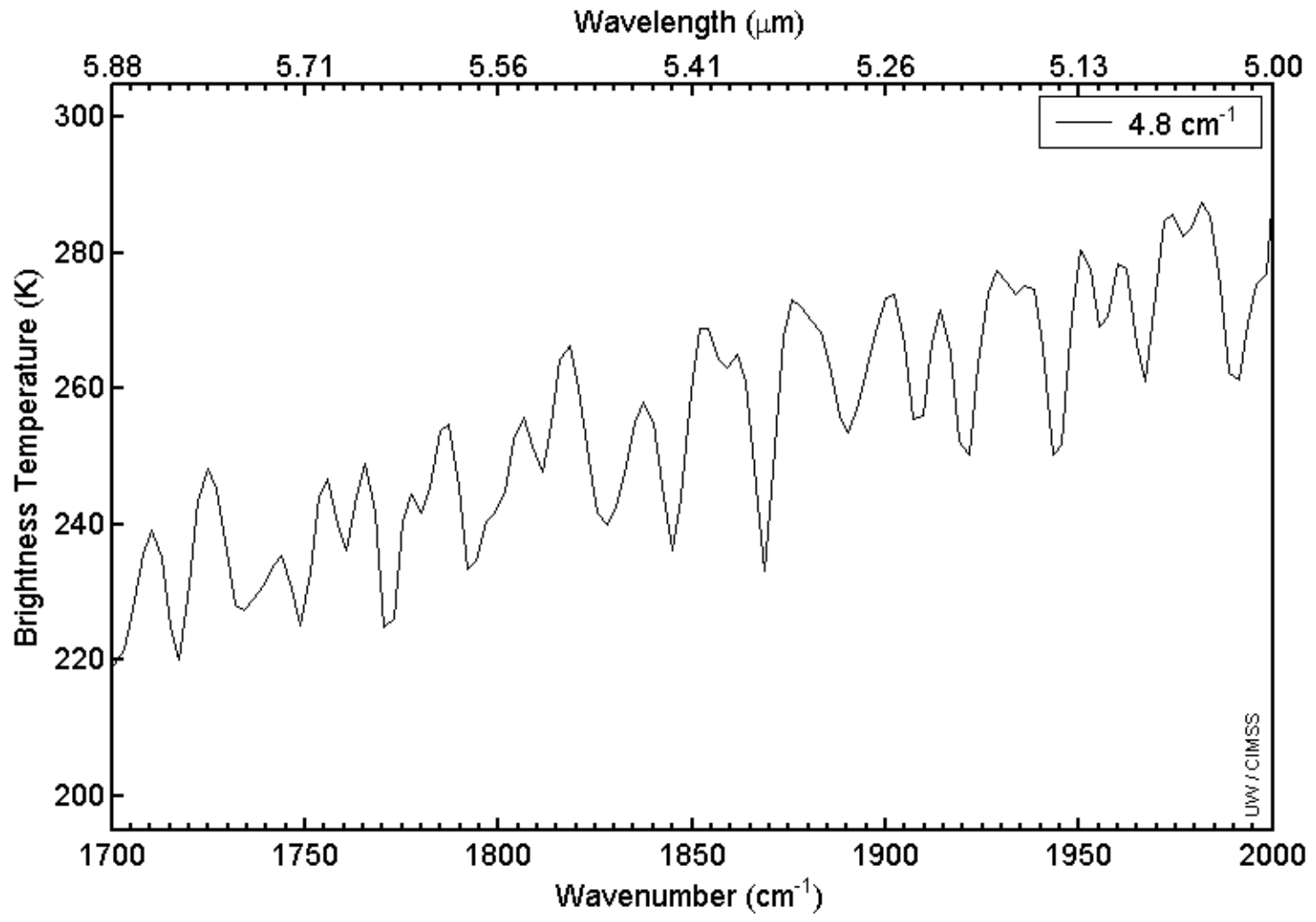
Water vapor region



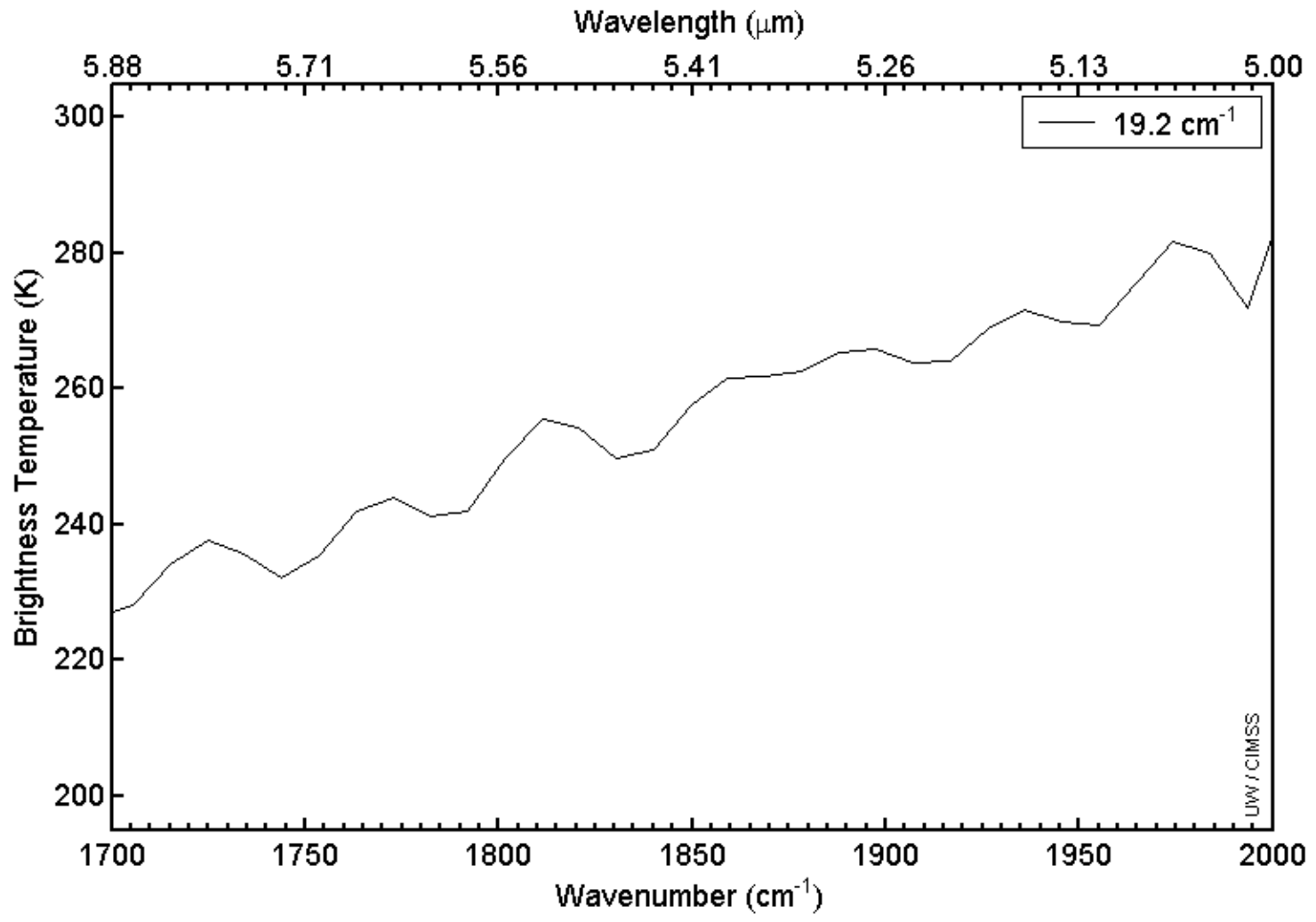
Water vapor region



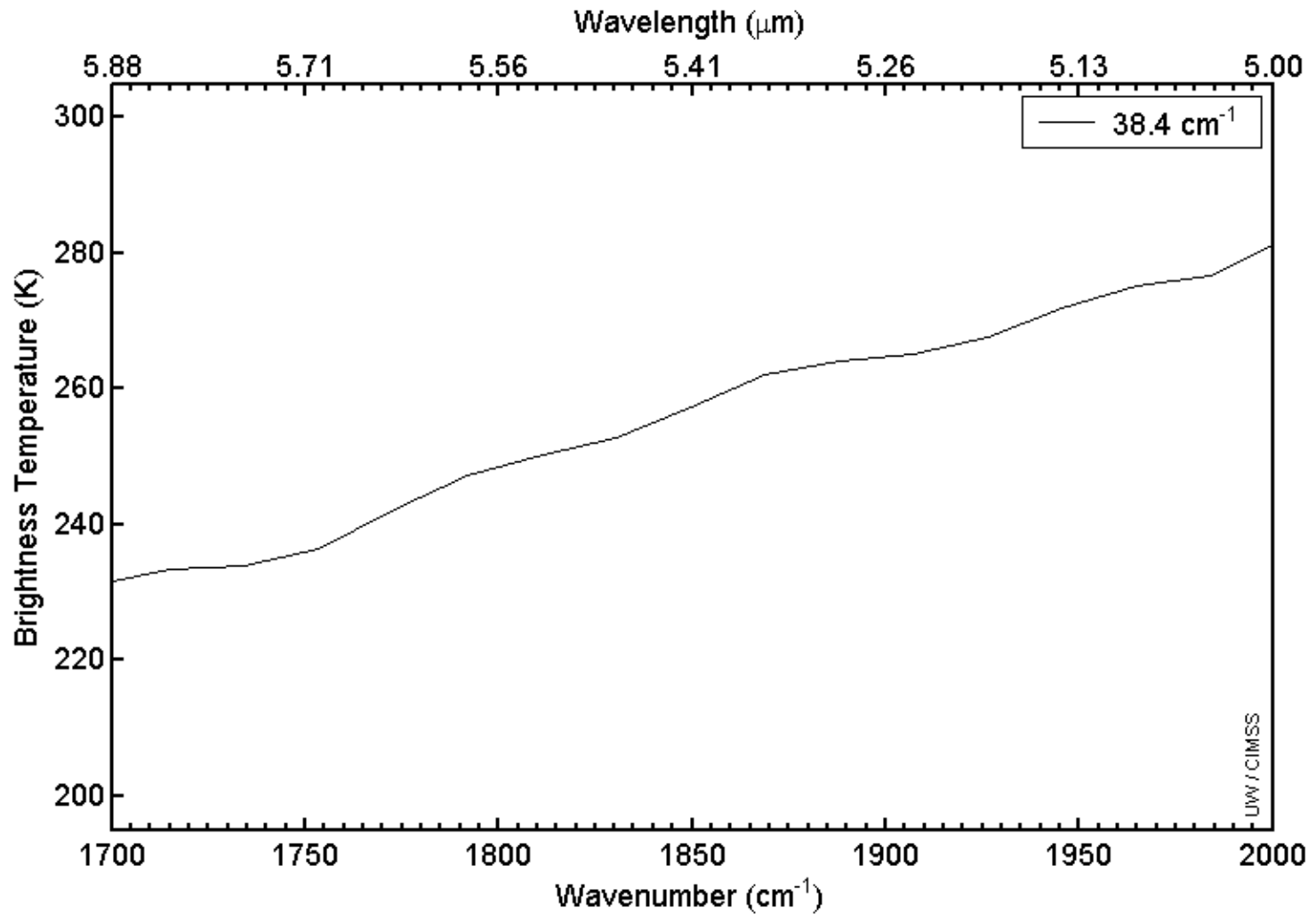
Water vapor region



Water vapor region



Water vapor region



Water vapor region

**AIRS Hyperspectral Radiative Transfer
Model and Regression Retrieval are
available at:**

<ftp://ftp.ssec.wisc.edu/allenh/AIRS/>

SARTA02_V105.tar.gz (123 MB)

Airs_regr_rtv_package.tar (3.93 GB)

Various Infrared Spectral Absorption Features

