

Spectral atlas for IRAS 18379-1707

October 12, 2019

The high-resolution optical spectra of IRAS 18379–1707, acquired on April 17, 2006 with FEROS. Wavelengths are ‘air’ wavelengths in the stellar reference frame.

Designations

Lines:

- The thin line is the observed spectrum.
- The dashed line is synthetic spectrum, produced by Synspec with parameters derived in the paper.
- The thin dashed line at the bottom of each panel is the scaled telluric spectrum given to recognize sky emission lines. Note that the scaling is different for different panels.

Labels:

- Black labels correspond to predicted absorption lines. Spectroscopic ion designation and EW (in mÅ) estimated by Synspec are shown.
- Red labels are for emission lines, for which we printed the observed EW (in mÅ).
- Blue labels are for interstellar features.































