

## Contents of the HITRAN Compilation

This edition of the HITRAN compilation is described in an article in the HITRAN web site

(<http://www-cfa.harvard.edu/HITRAN/docs.html>). The compilation consists of seven main folders: the HITRAN absorption line-by-line transition database, infrared cross-sections, ultraviolet absorption data (both line-by-line and cross-sections), tables of aerosol refractive indices, collision-induced absorption data, line-coupling algorithms, and general data files.

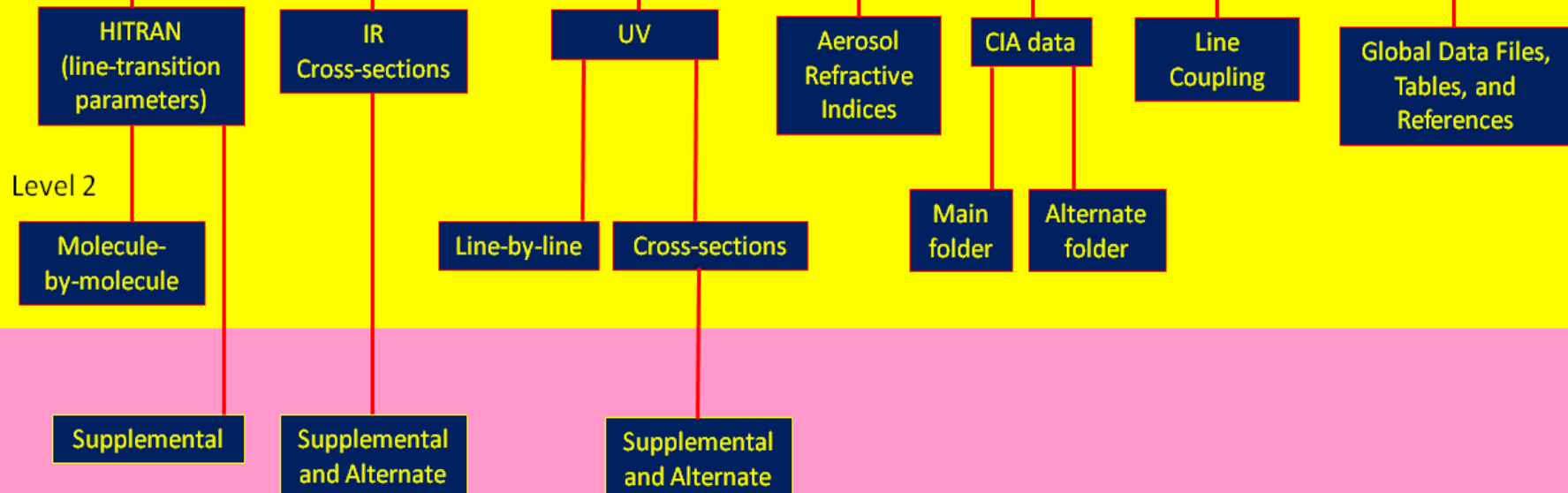
All data files are in **ASCII** and are given in compressed form as well, either as **zip** or **gzip**. The convention for data files is to use an extension of “.par” for the line-by-line files, an extension of “.xsc” for the cross-section files, and an extension “.alt” for some files with their original experimental values.

The structure of the compilation is given in the following figure.

## File Structure of HITRAN Compilation

### Level 1 Software Installers and Documentation

Level 1



Level 2

Level 3