

Reading in a predicted spectrum

16.44.23 Save reflected continuum

The reflected continuum is output if `sphere` is not set. The first column is the photon energy, the second the reflected continuum $4\pi\nu J_\nu$ [$\text{erg cm}^{-2} \text{s}^{-1}$] at that energy. The third gives the reflected lines and the fourth is the sum of these two. Someone who could only see the illuminated face of the cloud would observe this. The next column is the effective albedo of the cloud, the ratio of the reflected to incident continuum (the `save total opacity` command will give the true albedo). The last column gives the label for continuum processes with thresholds at each energy.

6.12.9 Table read "contin.txt"

This reads in the radiation field predicted from a previous CLOUDY calculation. The name of the file containing the spectrum predicted from the first calculation continuum must be enclosed in a pair of double quotes. The first calculation saves the radiation transmitted through a cloud with `save transmitted continuum` command described on page 199. Subsequent calculations use the `table read` command to include this field.

In tsuite / auto

- ◆ `func_trans_save.in`, `func_trans_read.in`

Don't try to predict what the command parser does

- ◆ It didn't evolve that way
- ◆ Check Hazy1
- ◆ Then check the output
- ◆ To see that it did what you wanted

Problems, questions?

- ◆ Use the [Yahoo](#) user group to ask any questions, or to report bugs

Cloudy is Open source

- ◆ Contributions welcome!
- ◆ Code must be compatible with our license
- ◆ Announce on Cloudy user group on [Yahoo](#)