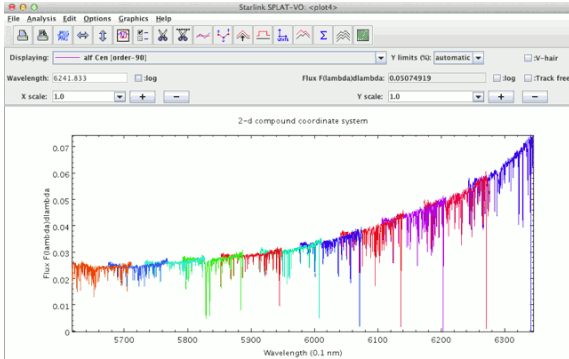Fig. 1

Fig. 2

Fig. 3

1. Morality and Echelle Spectra

(cf. Fig. 1)

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(cf. Fig. 2)

- Why bother?
- What I should do
- What I did

2. The Problem

Echelle spectra are taken in several dozens of orders.

Merging them into a single spectrum is not as well-defined as I would like.

Though I'm all for science-ready data, I hence still want to enable access to unmerged spectra.

(cf. Fig. 3)

3. The Right Solution

Compound spectra aren't that unusual ("SEDs").

Compared to SEDs, Echelle spectra have much more homogeneous metadata – hence, it could be in RESOURCE rather than TABLE.

To be dealt with in Spectral Data Model, infer serialization from that.

Alas: No strong activity there.

4. The Quick Solution

Right now, I'm dumping n SDM1 tables with complete metatdata each into one RESOURCE, which in turn has basically no metadata.

Advantage: almost no special code necessary.

Disadvantage: full de-normalization.

Additional special issue: Forward link to merged spectrum? Provenance to the rescue!

Thoughts? Advice?