



Fig. 1



Fig. 2

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)

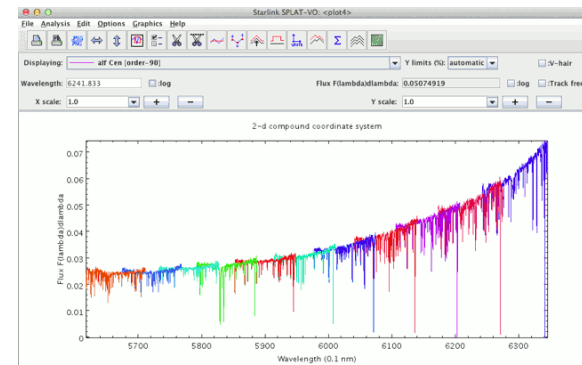


Fig. 3

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 metadata 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?