

Physical parameters of late-type M members of Cha I and TWA: taking advantage of the Virtual Observatory

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<http://svo2.cab.inta-csic.es/svo/theory/vosa>

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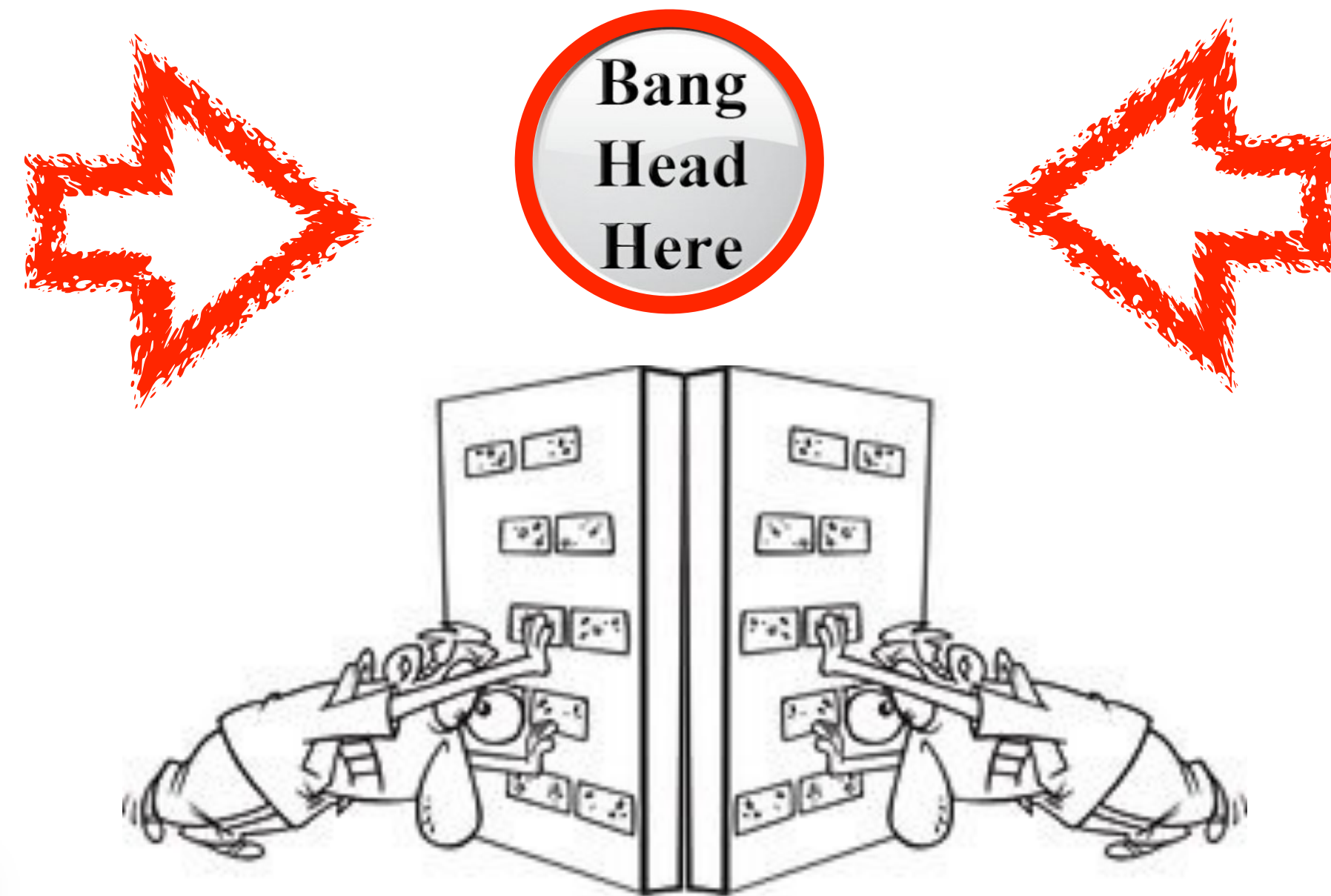
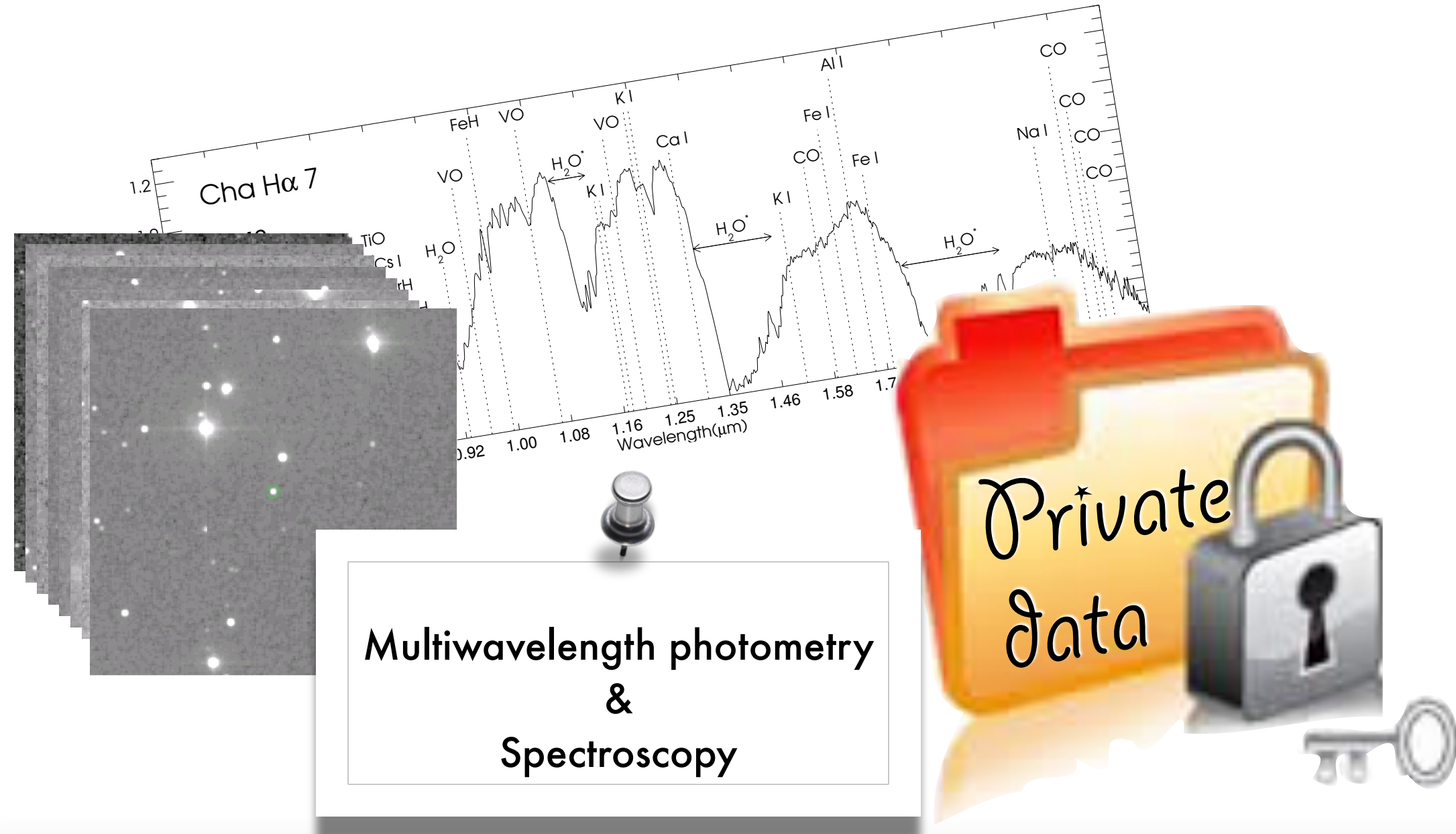
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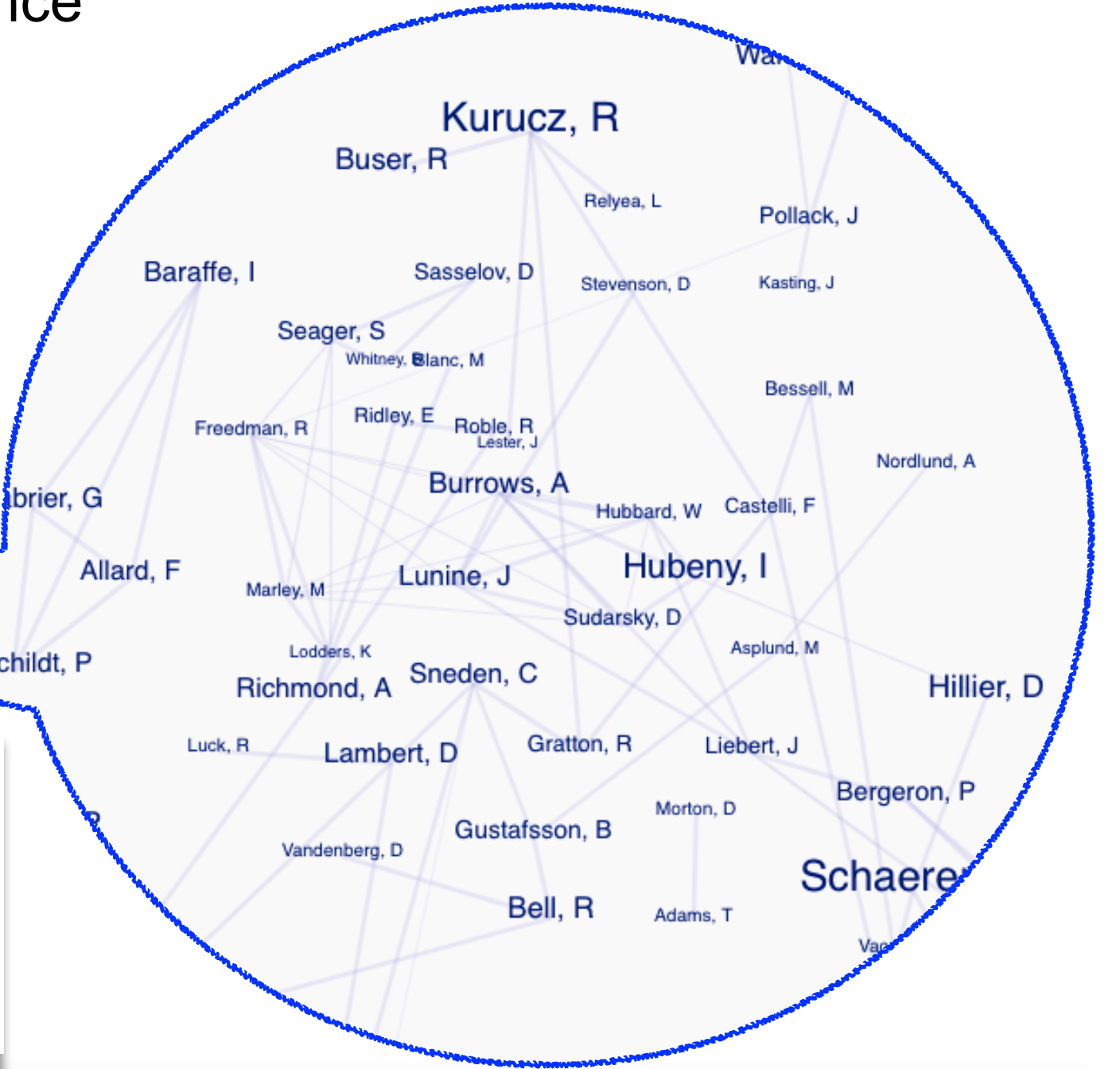
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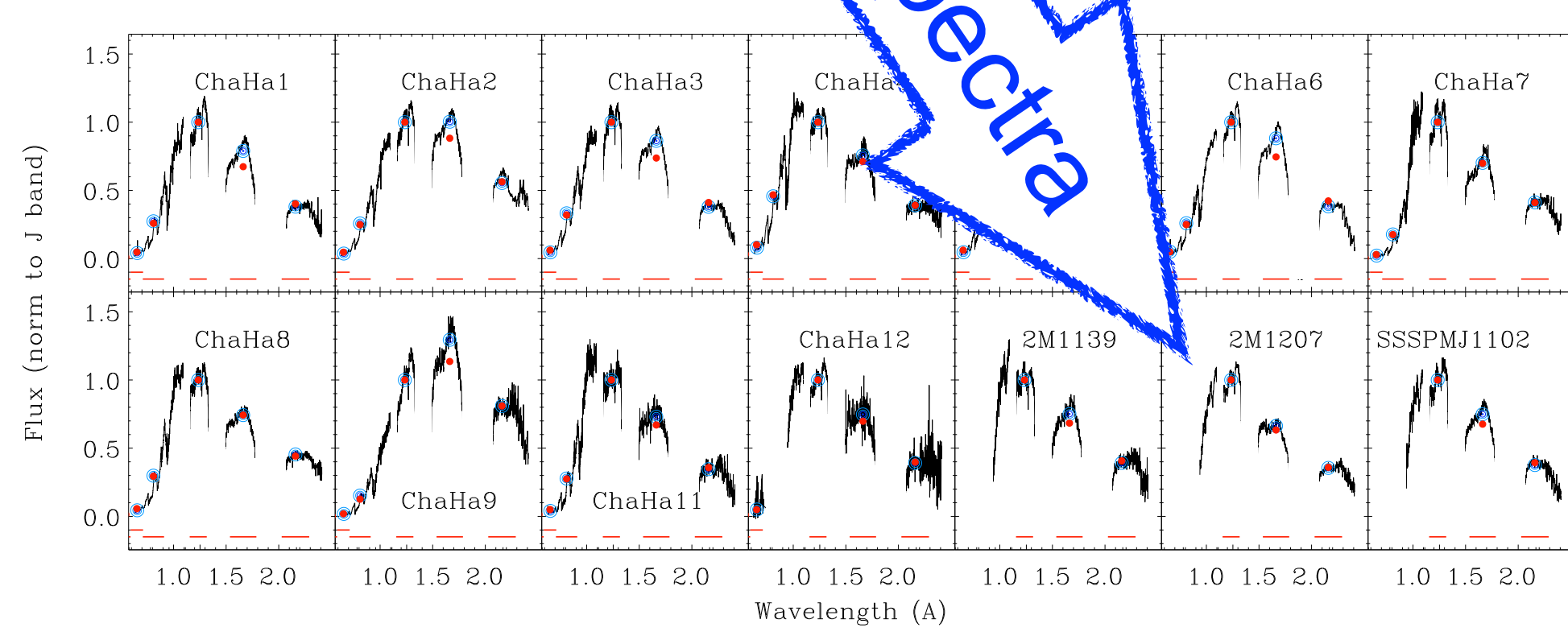


Theoretical data

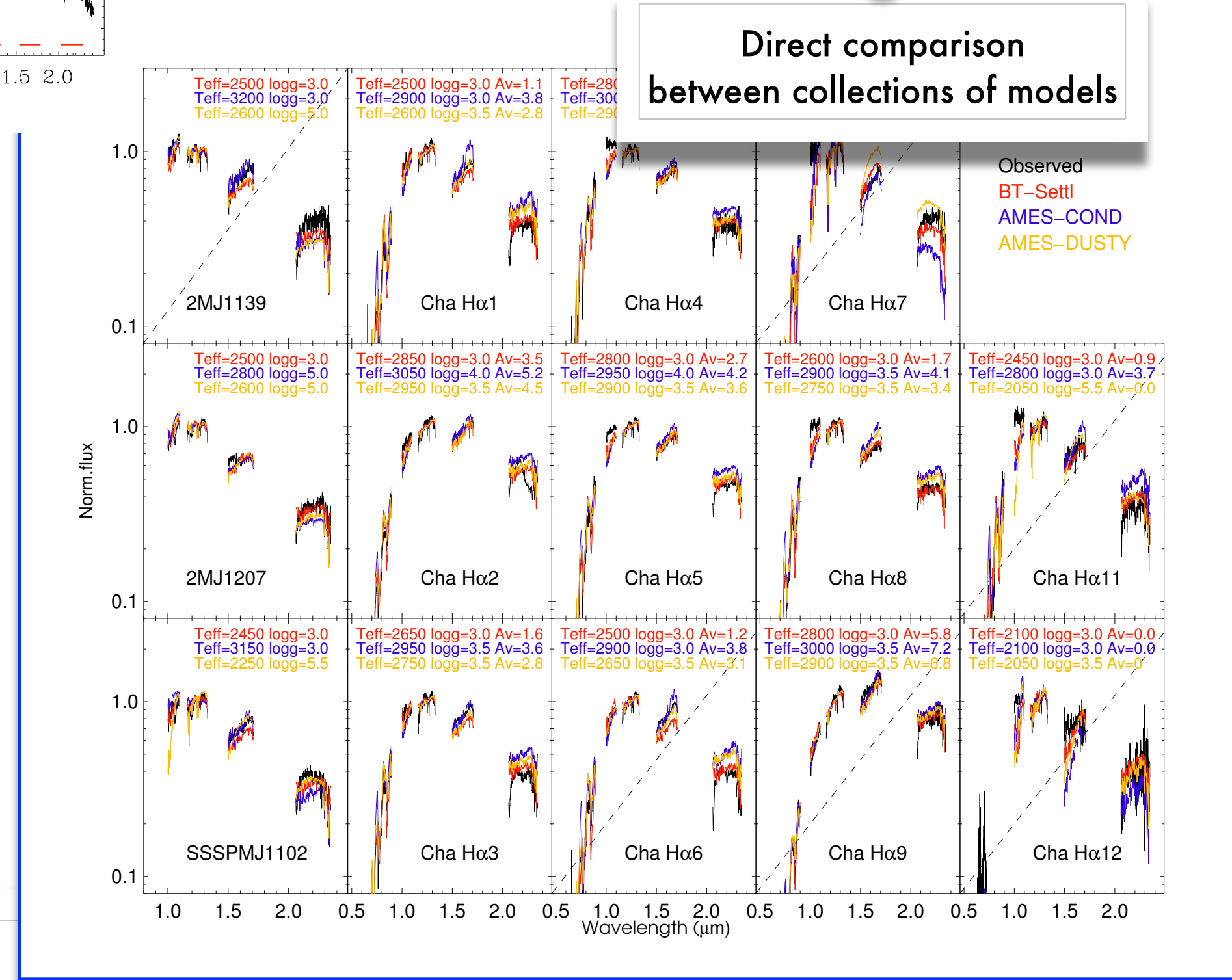
Different groups Assumptions Format



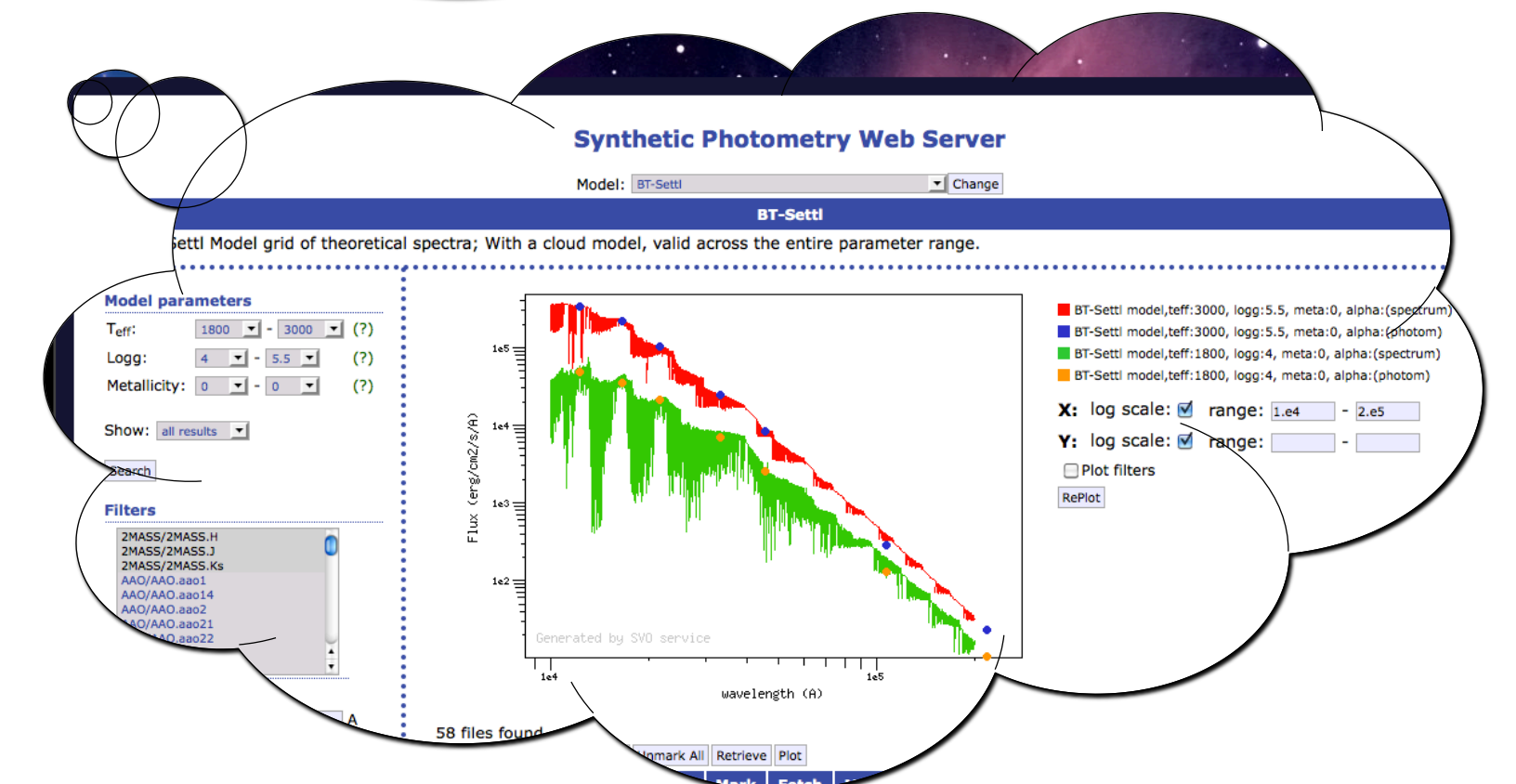
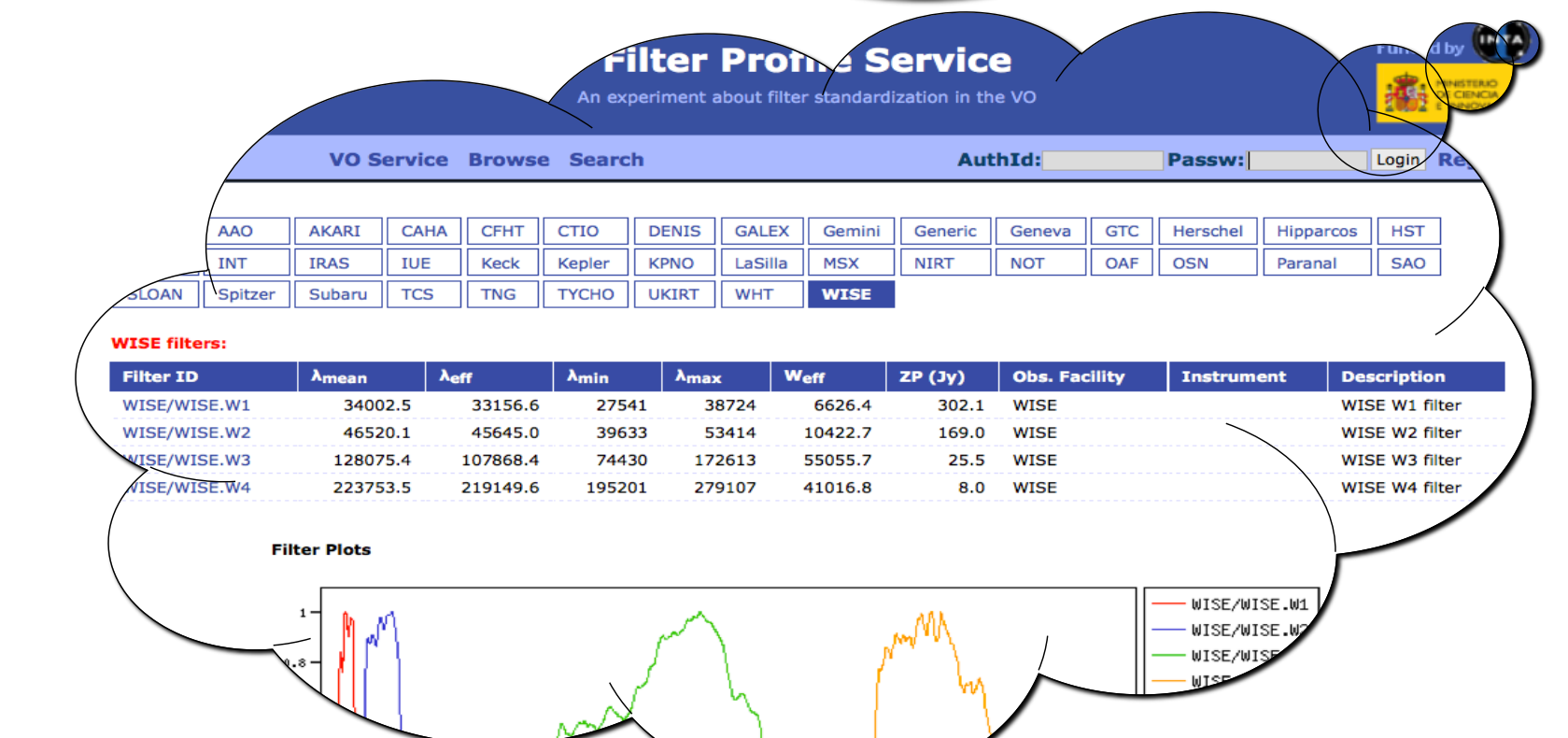
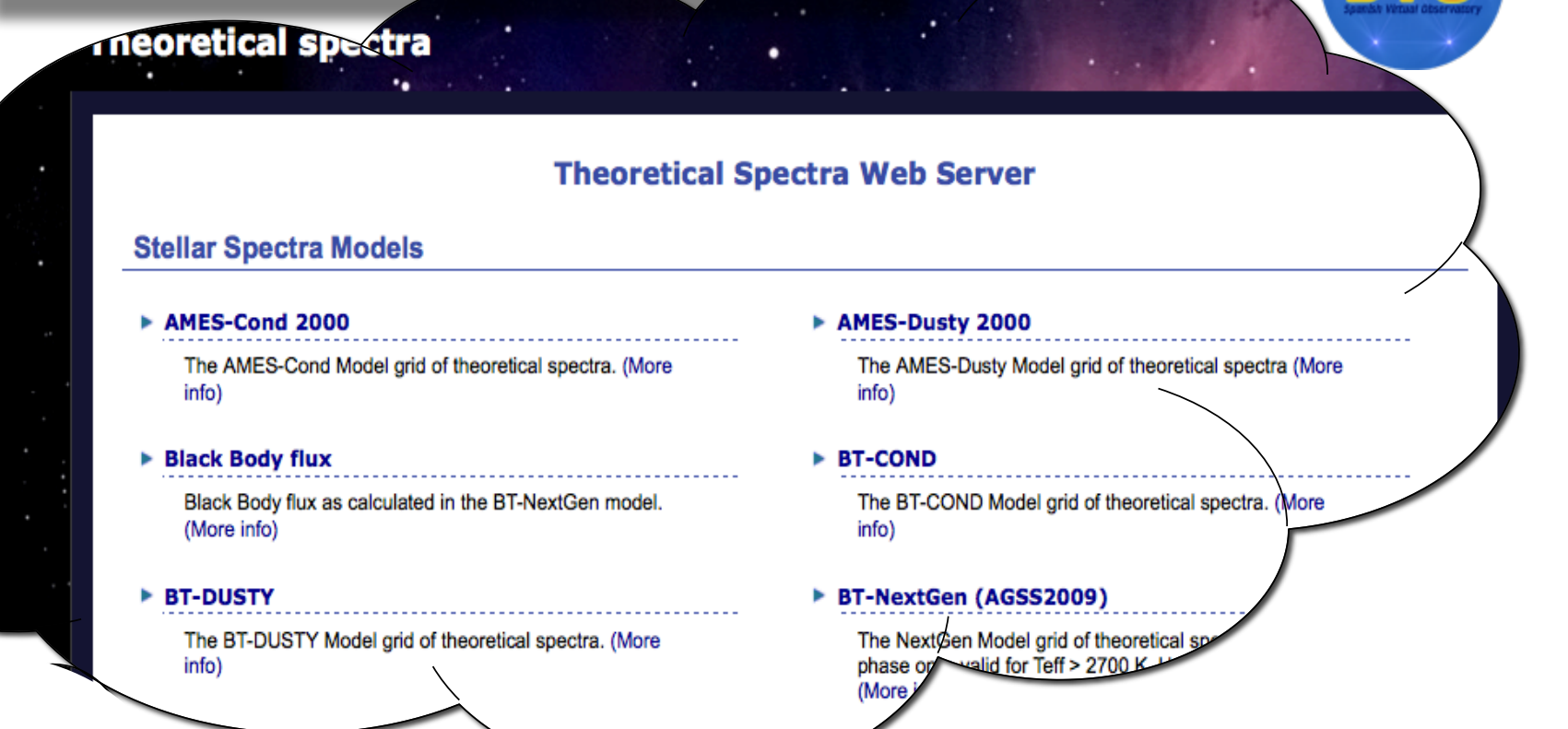
Photometry



synth. phot = flux calibrated spectra



customize wavelength coverage and resolution for different families of models



Comparisons between:

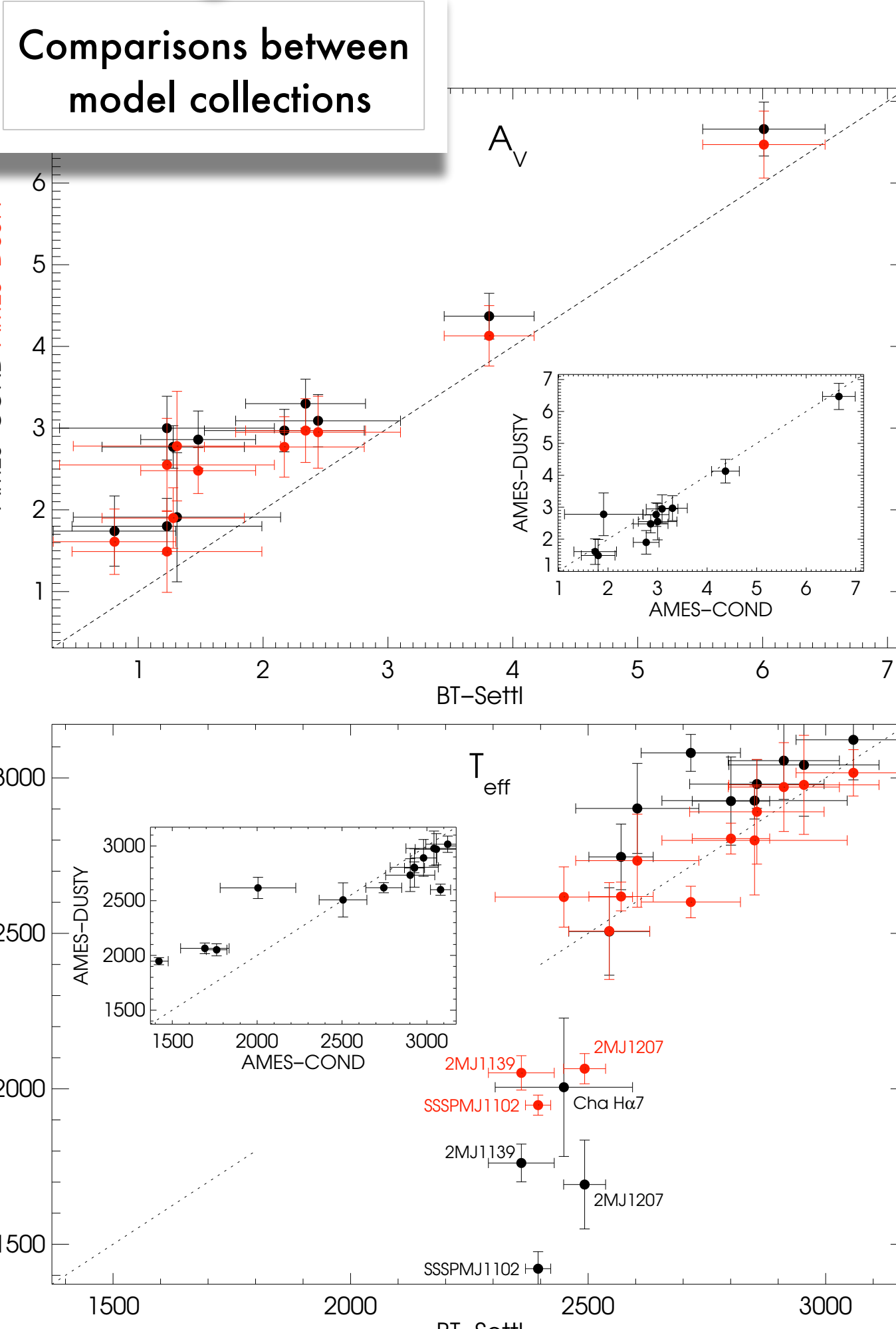
- model collections
- methodologies
- datasets
- all formatting and data handling done in a TRANSPARENT WAY FOR THE USER

Direct comparison between methodologies and nature of the dataset



VOSA v2.0

- SED builder (private + public data, not limited to stars)
- Builds analog synthetic SEDs for models
- Detects infrared excess, searches for distances, extinction, ...
- Performs statistical comparisons and derives A_V
- Provides panchromatic bolometric corrections
- Compares and interpolate isoch. and evol. tracks
- Communicates with other VOTools



Comparisons between statistical approaches

