

Revisiting the unique qWR – B7V composite binary HD 45166

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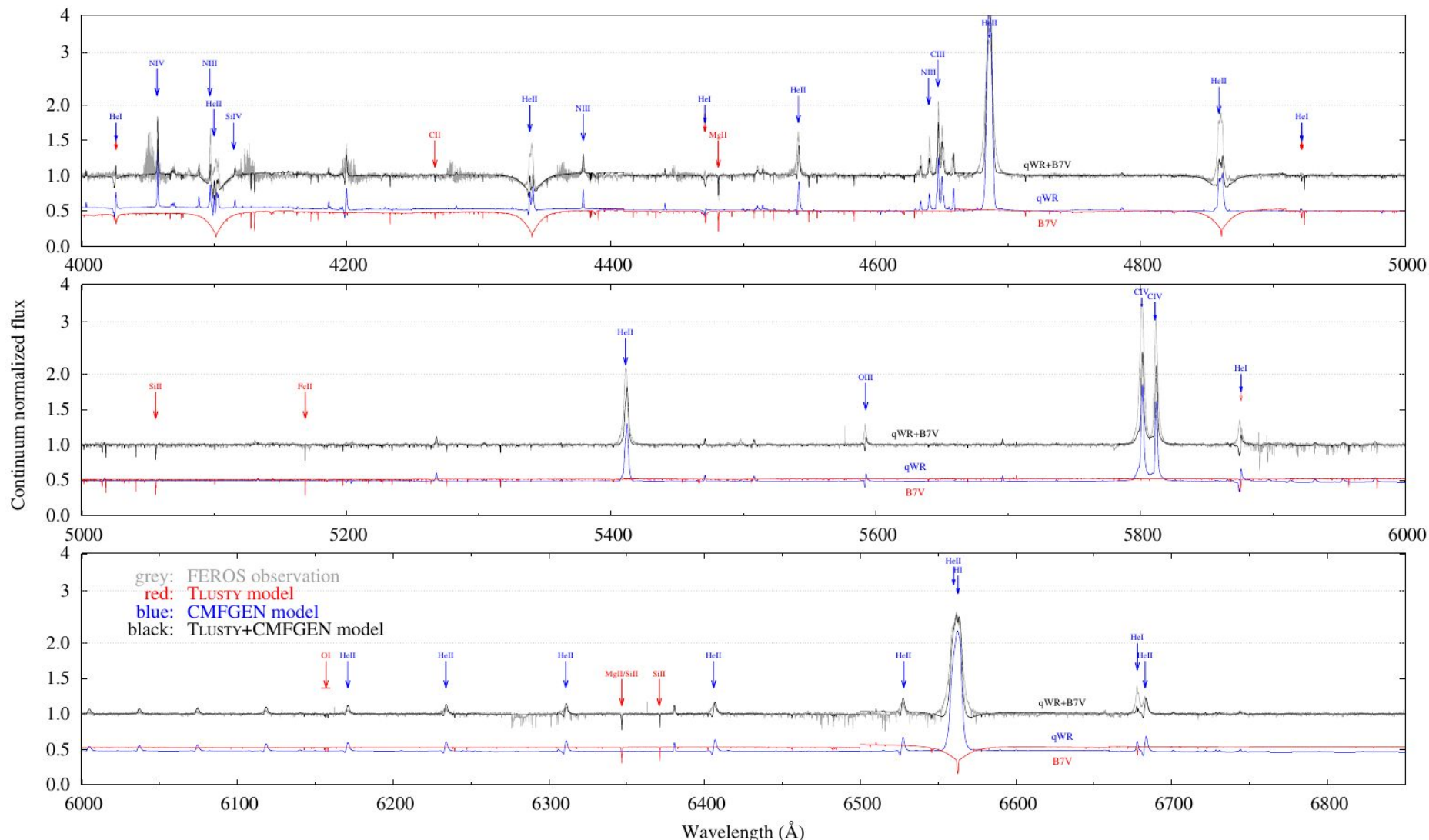
Spectral modeling with TLUSTY and CMFGEN



Figure 1: Artist's view of the binary members in HD 45166. Credit: NOIRLab/AURA/NSF/P. Marenfeld/M. Zamani

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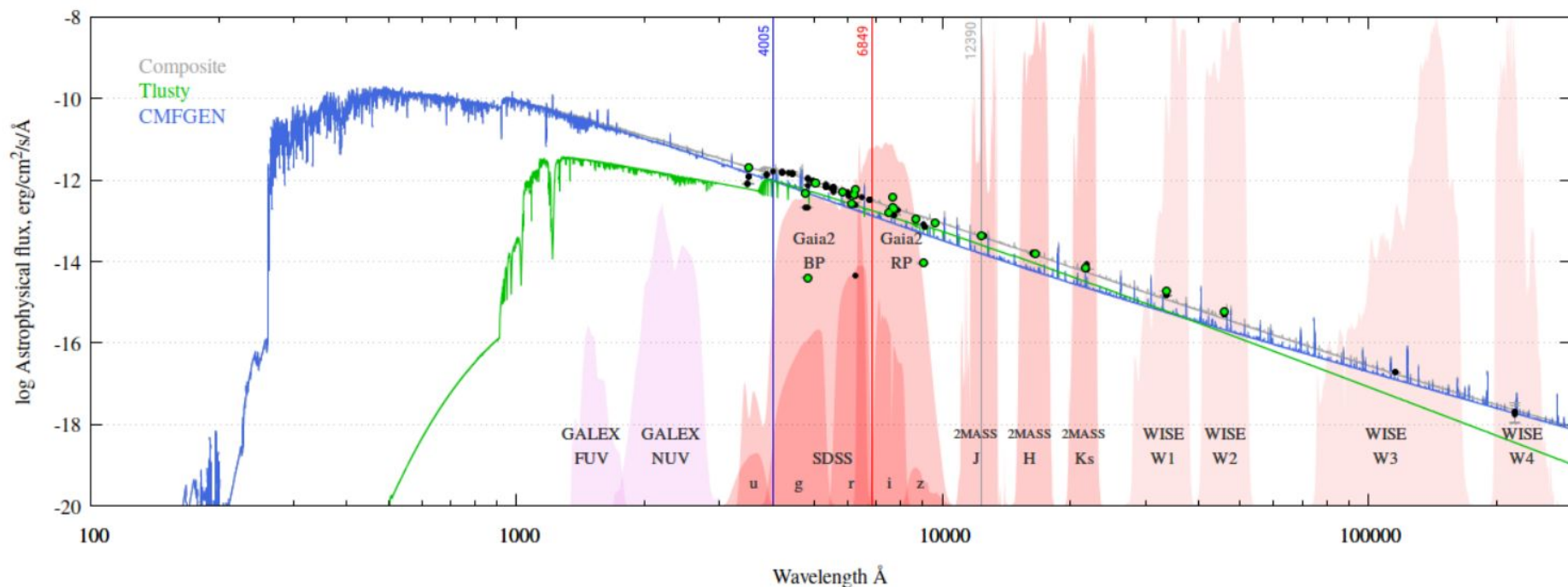


Figure 2: SED of HD 45166. All data points were taken from the VizieR Photometry Viewer service. The photometric data were de-reddened using $E(B - V) = 0.16$ mag (stilism.obspm.fr). The green points were used to match the slope of the passband convolved combined CMFGEN and TLUSTY fluxes to the observations and the model was normalized to the observed SED in the 2MASS/J band.