ISO-LWS spectrophotometry of Young Stellar Objects

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Abstract

Two-color diagrams have been widely used as simple diagnostic tool for identifying young stellar objects in different evolutionary stages. ISO-LWS spectra offer now the opportunity to improve the capability of this tool as they give the spectral shape of the sources up to $\approx 200\mu m$ allowing, at the same time, to account for the contributions of the lines in the photometric bands.

We present here a new two-color diagram for young stellar objects and discuss the contributions of far infrared lines to the IRAS fluxes of this sources.