

Analysis of ISO Spectral Data for AGB Stars

Kim, Hak-Youn & Suh, Kyung-Won

Department of Astronomy and Space Science,
Chungbuk National University, Cheongju

We have investigated Infrared Spectral Energy Distributions (SEDs) of AGB stars using new ISO spectral data. We have collected the infrared observational data for 16 Oxygen-rich AGB stars, 27 Carbon stars and 24 Silicate Carbon stars. In this paper, we have compared the basic radiative transfer model results with observed SEDs of AGB stars including ISO data in the wavelength range $\lambda = 2.4 \sim 240 \mu\text{m}$, IRAS PSC (IRAS Point Source Catalog), IRAS LRS (IRAS Atlas of Low Resolution Spectra) and ground based observation data.