

Workshop

Stellar End Products: The Low Mass - High Mass Connection

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Title:

A review in mixed chemistry of low mass evolved stars

Abstract:

During the late stages of their evolution, Sun-like stars bring products of nuclear burning to the surface. Most of the Carbon in the Universe is believed to originate from stars with mass up to a few solar masses. Although there is a chemical dichotomy between oxygen-rich and carbon-rich evolved stars, in the last three decades, a few stars have been shown to display both carbon and oxygen-rich material in their circumstellar envelopes. I will present observations and conclusions of these mixed chemistry objects using Spitzer, HST, UVES, VISIR, and SOFIA.