

Workshop

Stellar End Products: The Low Mass - High Mass Connection

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Uttenthaler, Stefan

Title:

News from Miras with changing pulsation periods

Abstract:

Most Miras have pulsation periods that are constant for centuries, but a few are known to exhibit a significantly changing period. In a previous paper we investigated the evolutionary state of Miras with changing periods, showing that not all of them are likely to have recently undergone a thermal pulse. Since then we have followed up on some of these stars and present new observations of their period and spectral type evolution as well as their mass-loss properties. These observations give insight into decisive, short-time evolutionary events of AGB stars.