

Workshop

Stellar End Products: The Low Mass - High Mass Connection

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Title:

Atmospheric tomography of supergiant stars

Abstract:

A tomographic technique invented by Alvarez et al. (2001) for pulsating AGB stars has been applied to supergiant atmospheres. It makes it possible to derive the velocity field at different depths in the line-forming region. This velocity field is confronted to 3D models from Freytag & Chiavassa.