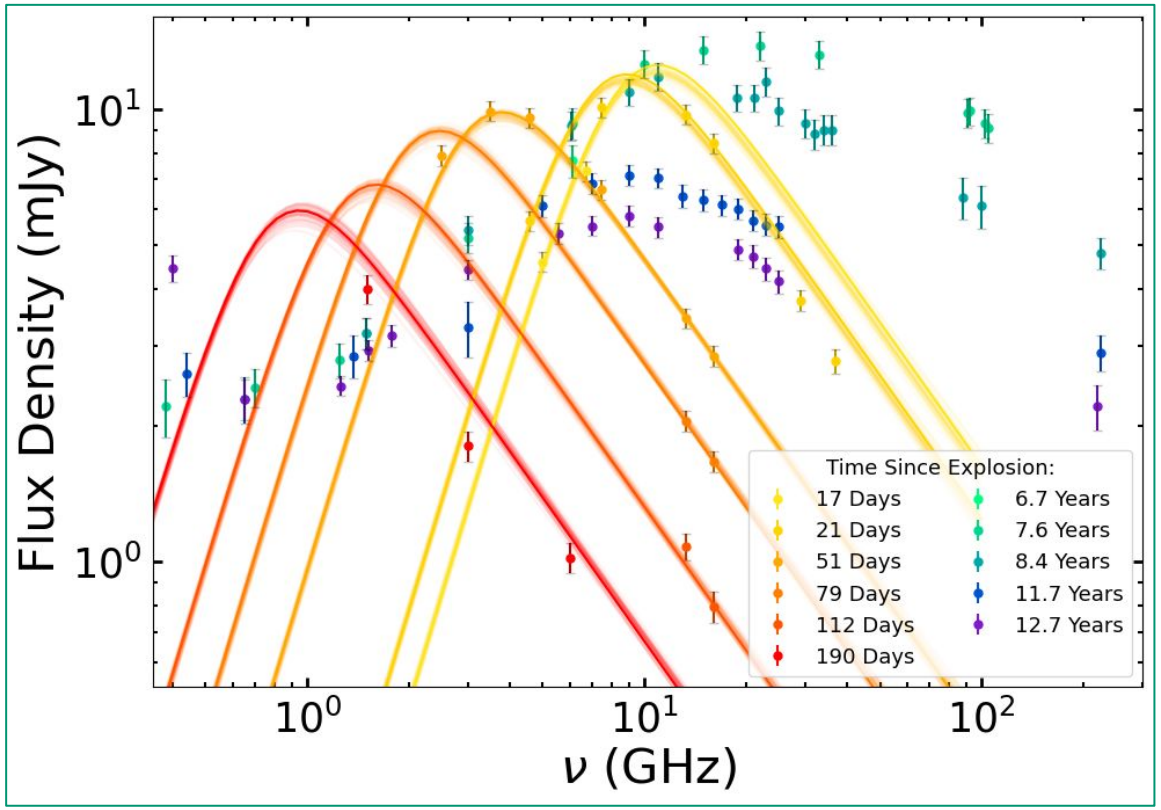
SN 2012au: 13 Years of Broad-band Radio Emission from the Golden Supernova

Eli Wiston (ewiston@berkeley.edu)
University of California - Berkeley Department of Astronomy

At early times, the radio emission evolves exactly as expected for a typical SNe - consistent with shock interaction with a wind-like density profile. Yet, at late times, the radio SEDs **deviate completely from expectations.**



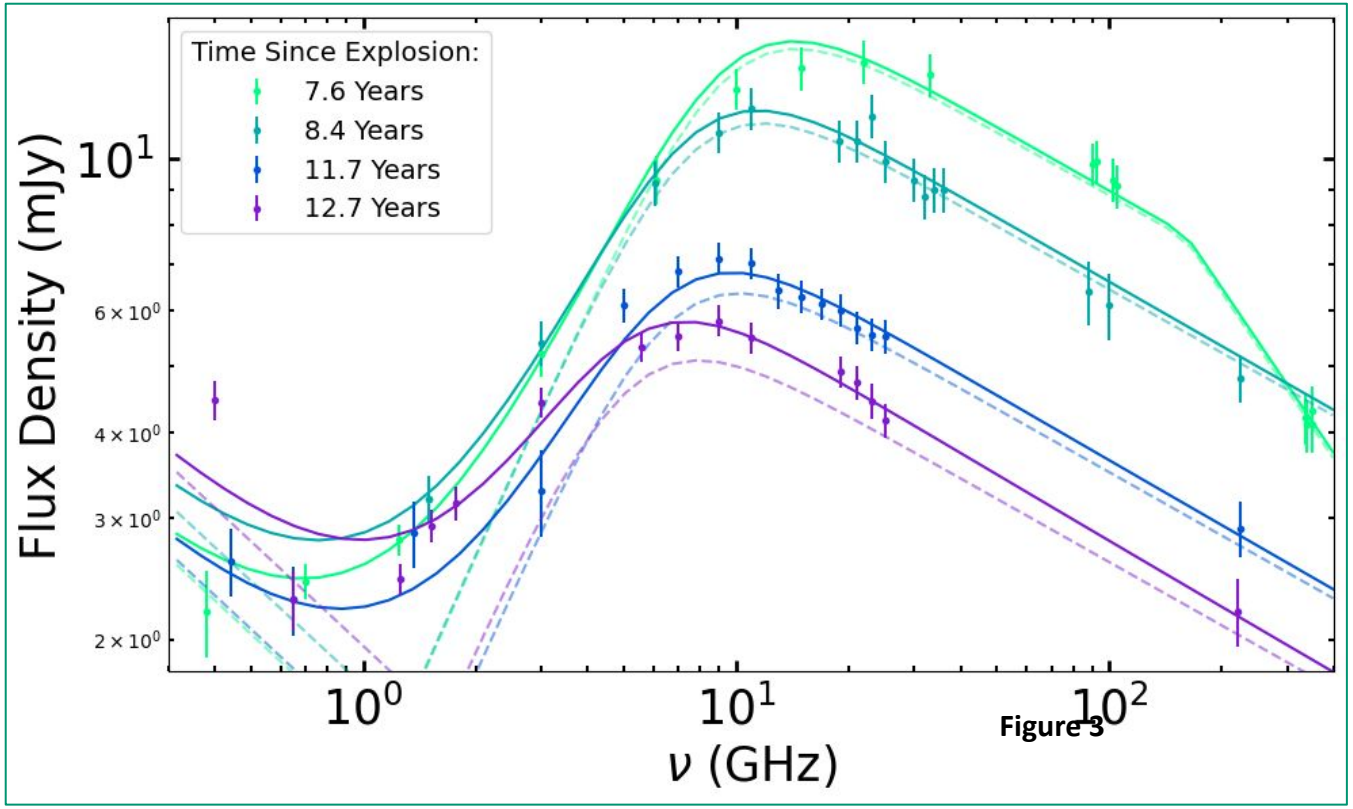


Figure 3

In addition to deviating from the early time data, these late time observations display a number of unusual features. We find these features are best described by a model with **two distinct synchrotron components.**