

ISSIAAtomicData/phase2_20161006/03_MHD

- mhd2ints: Reads in a PLUTO snapshot, computes Fe XIII intensities for each slice in z, sums the results. A small region is selected and the peak and mean intensities are determined. Some nuances
 - The emissivities computed 01_chianti_errors need some ‘extra’ factors (e.g., elemental abundance, ionization fraction) to be useful for comparison with observations in absolute units. They are added in here.

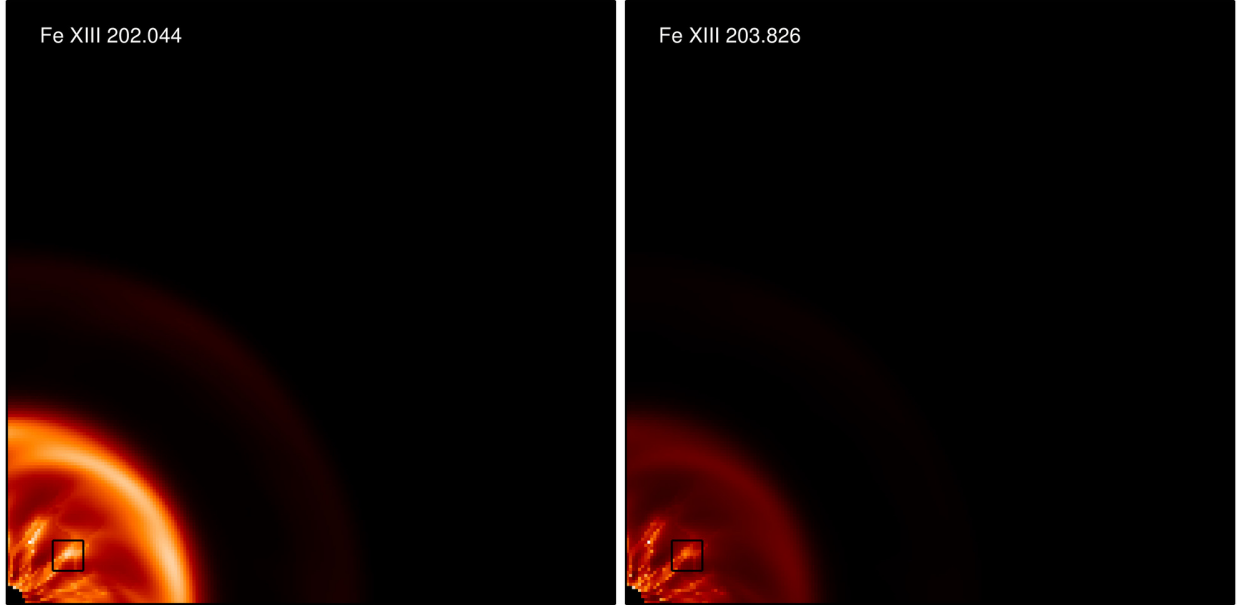


Figure 1: The integrated intensities in two Fe XIII lines of interest.

- FIT_TEST_INTENSITIES_FE_13: This routine finds the best-fit density and path length for a given set of fake intensities.

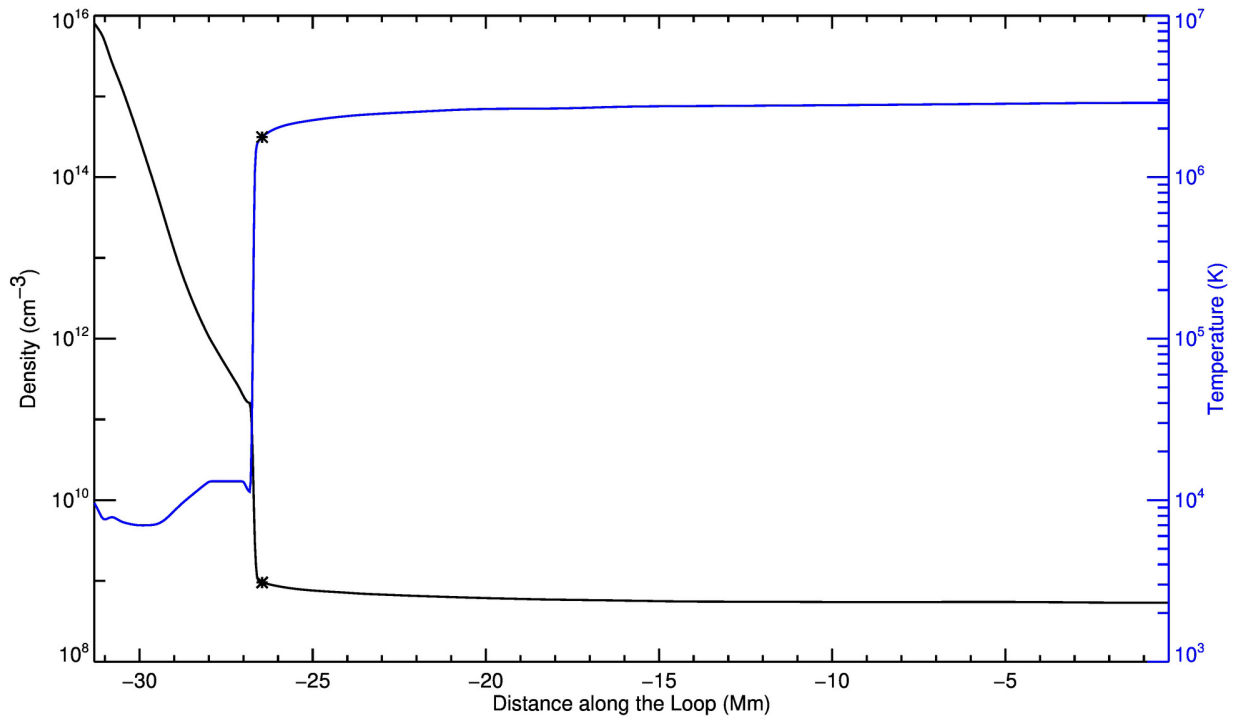


Figure 2: The temperature and density along z for the peak intensity in Fe XIII 203.826.