- Are loops isothermal
  - along the line of sight ?
  - along their axis ?
- What are the elemental abundances and temperatures of these loops ?
  (used DEM analyses and emission measure (EM) loci methods: ratios of the observed intensities I_{ob} and the contribution functions $A \times C(T)$ are plotted as a function of T, see Del Zanna et al., [2002])
- What are the densities ?
  (used Mg VII line ratios)
- What is the relation with the underlying photospheric field ?
- What are the filling factors ?

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