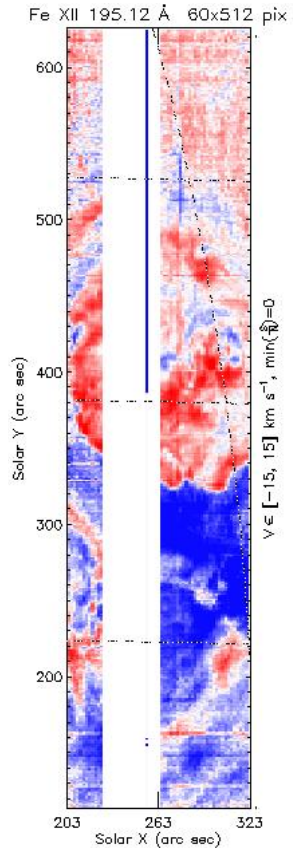
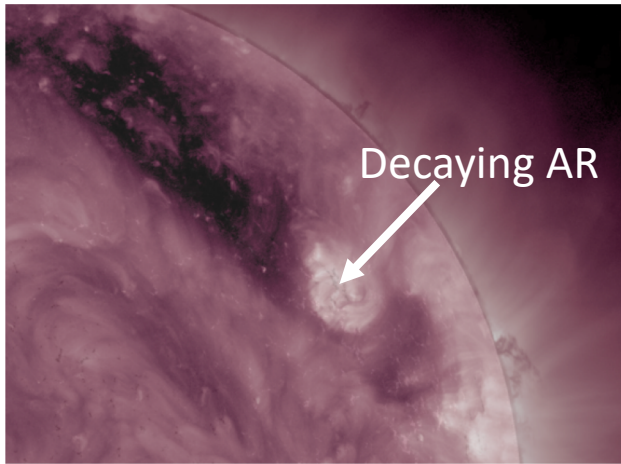


# Coronal Rain Near Coronal Hole Boundaries (P15)

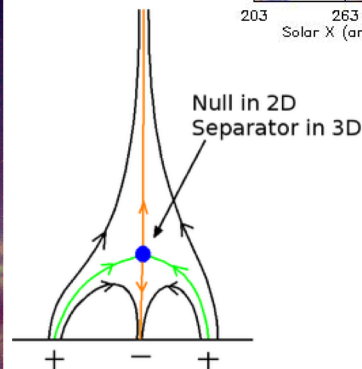
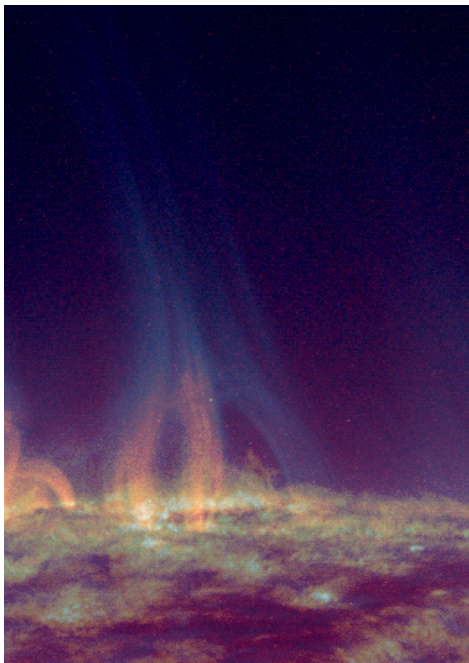


**How are active region loops topologically connected/related to solar wind streamers?**

- These null-point topology (NPT) structures are likely to have slow SW signatures just like pseudostreamers
- Observational bonus of being directly adjacent to/surrounded by fast wind

**What are the primary observable signatures of impulsive heating in active regions? in the solar wind?**

- Interchange reconnection around the null points should provide signatures (velocity, FIP, density, etc.)
- Thermal nonequilibrium in the inner closed loops may add characteristic periodicity to plasma flows from spine (see M. Schlenker poster)



Edwards et al., *Solar Physics* 2015

**Next steps:**

- Work with S. Wallace to scale down *in situ* pseudostreamer signatures for NPTs for PSP/SO
- Disentangle rain mechanisms to better constrain heating scale height