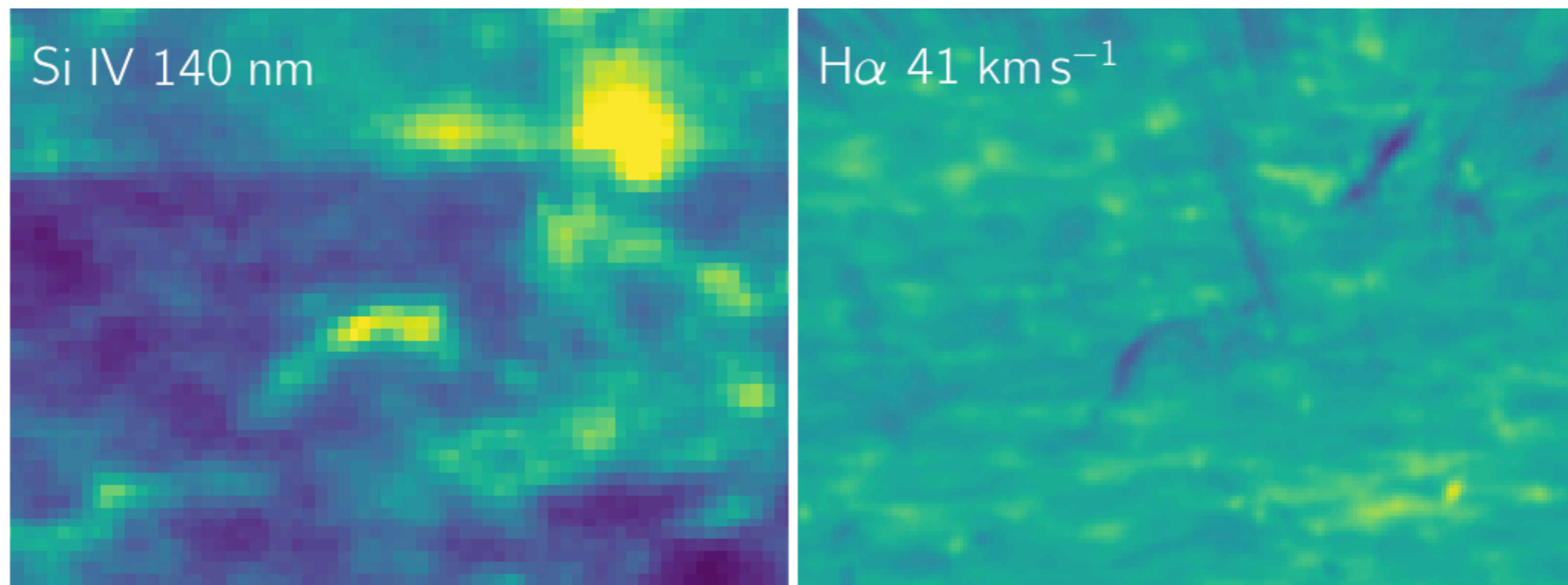


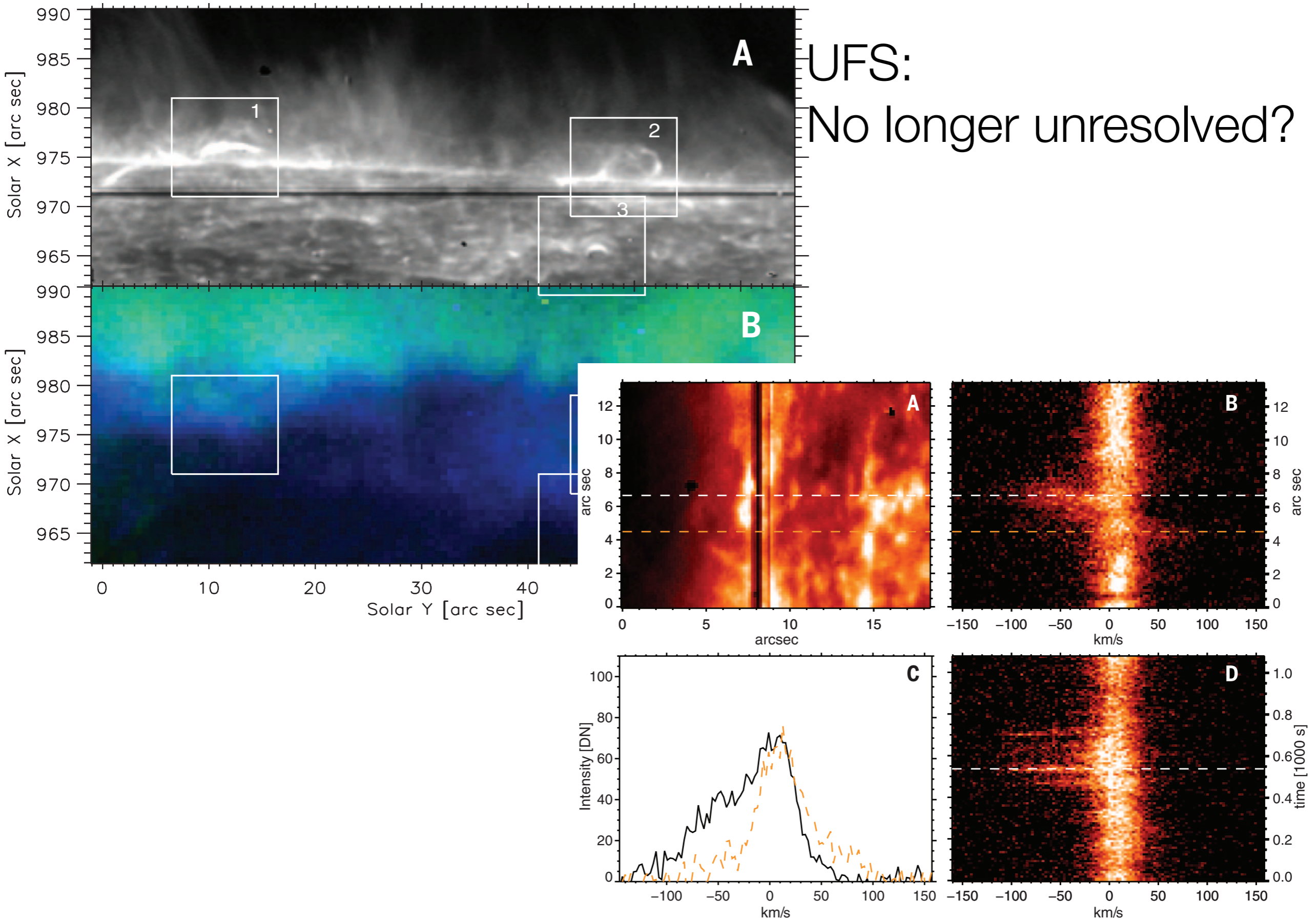
Low-lying loops observed with IRIS and the SST: connecting the dots

Tiago M. D. Pereira

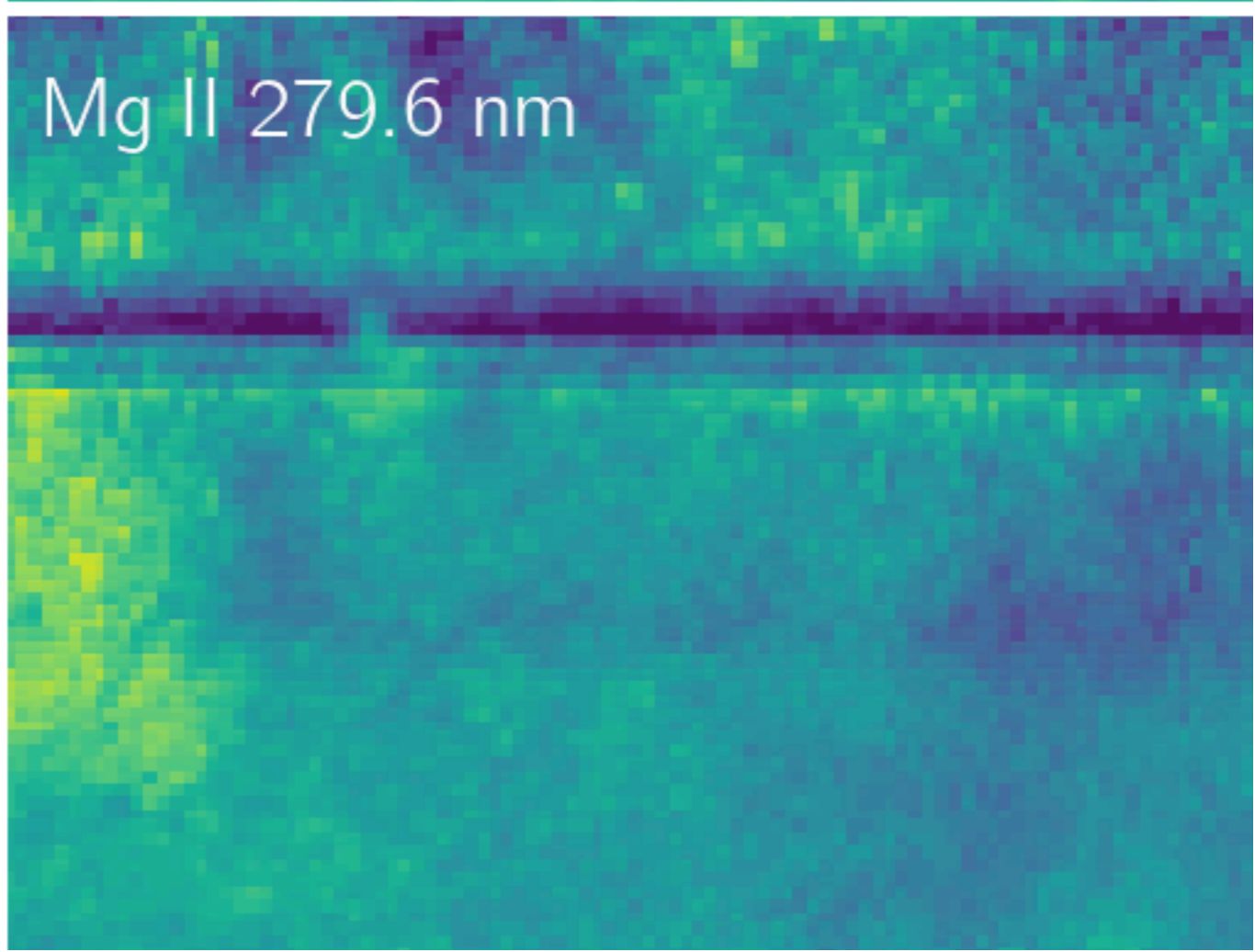
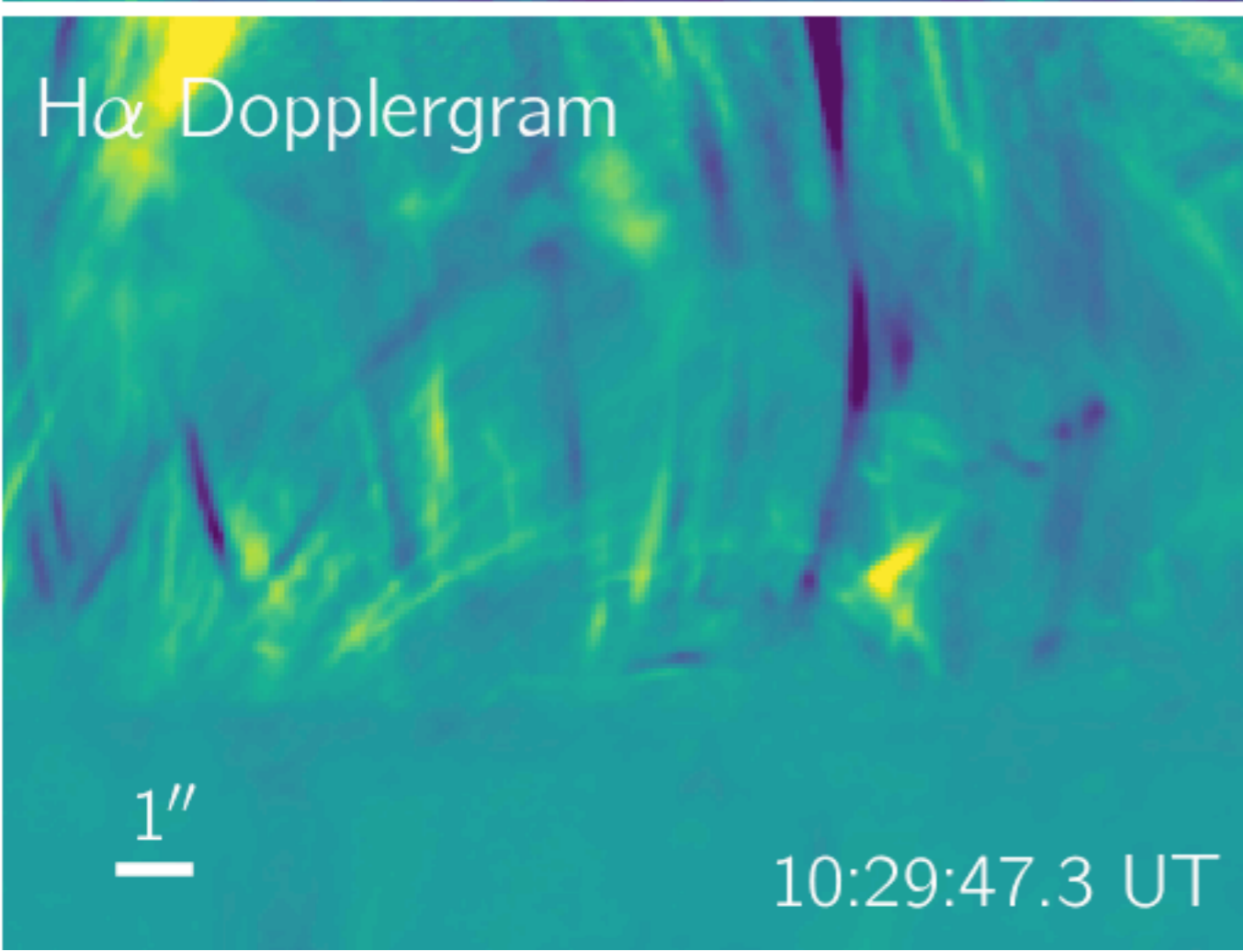
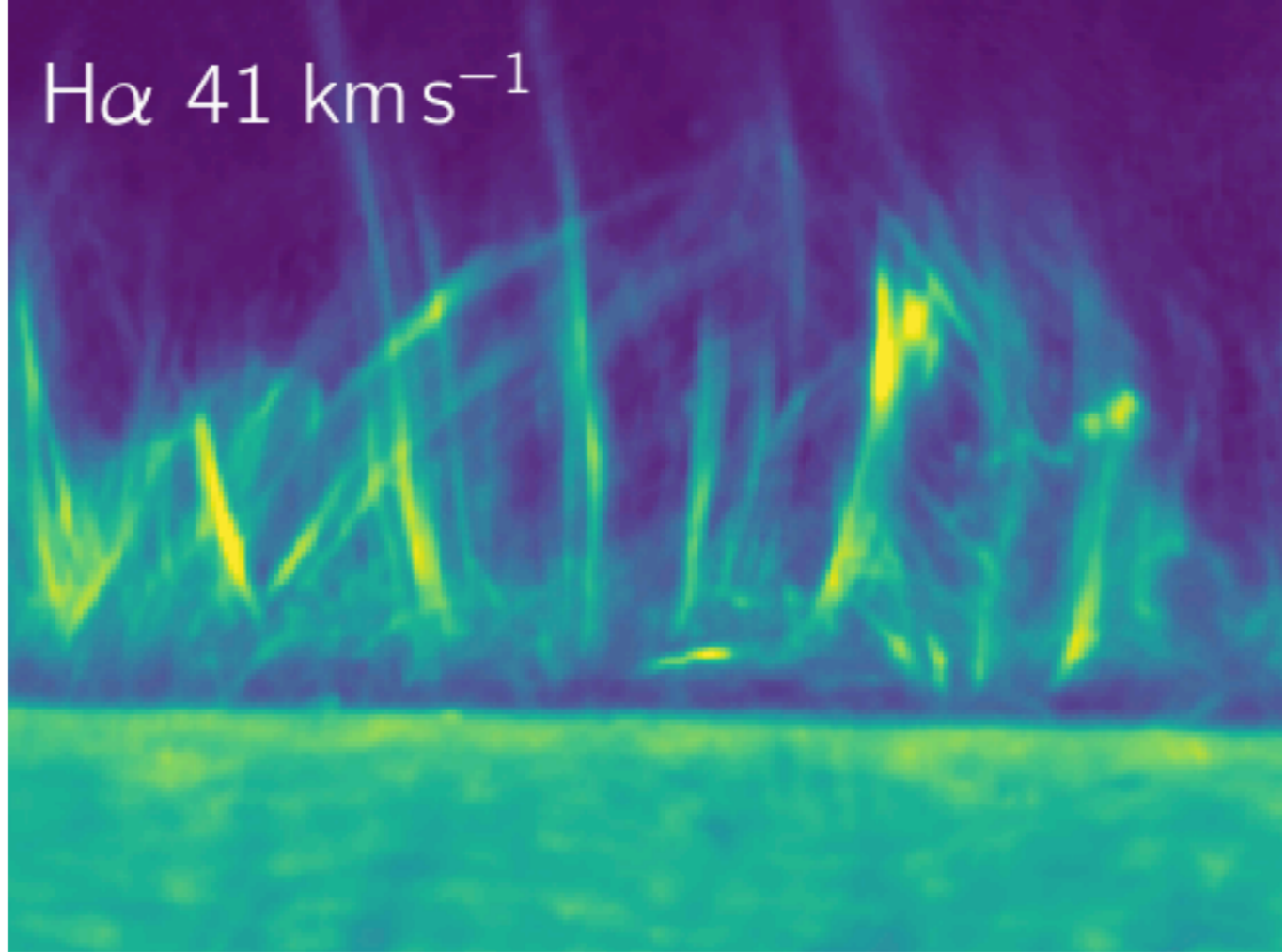
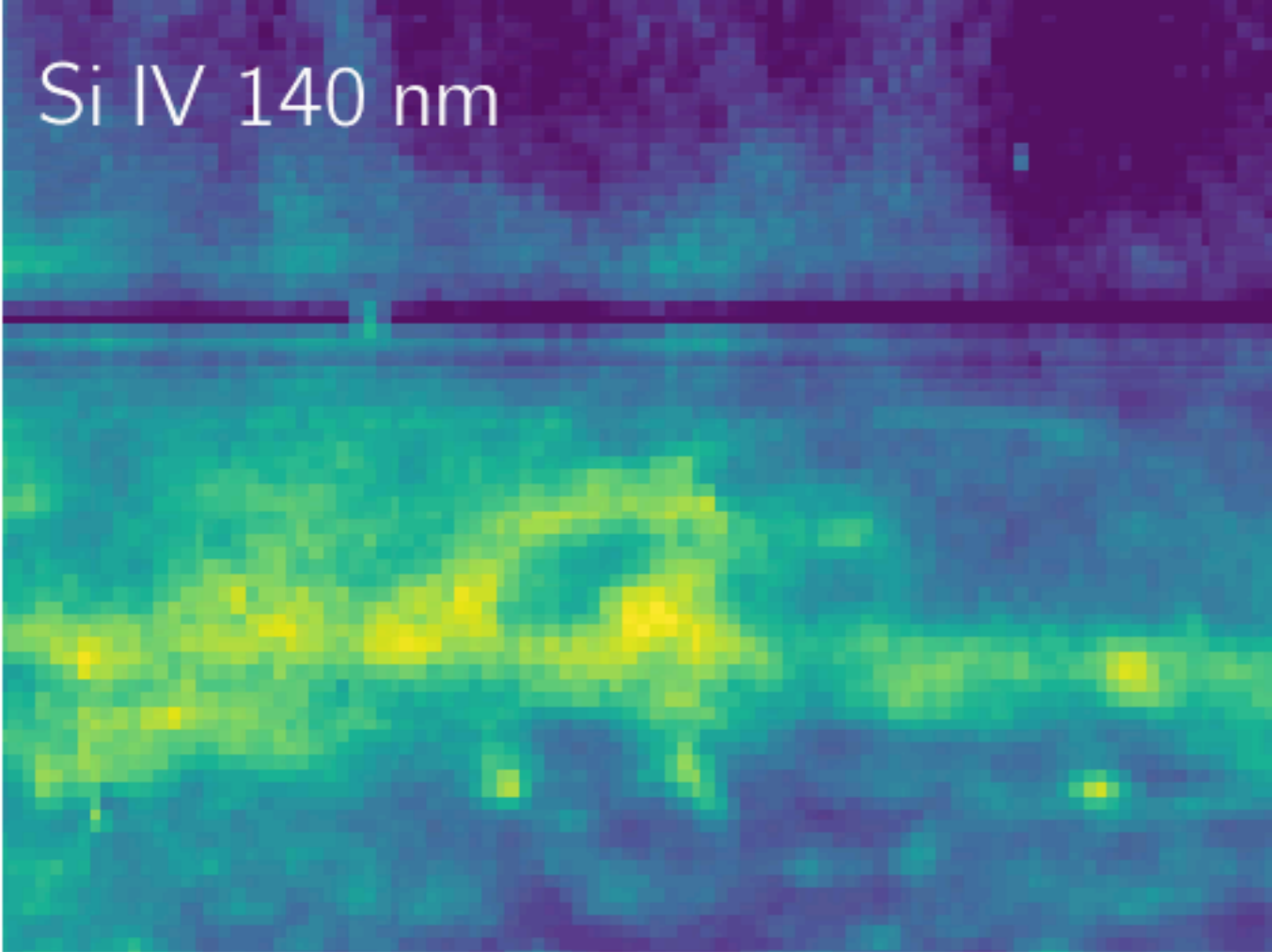
with Luc Rouppe van der Voort and Viggo Hansteen

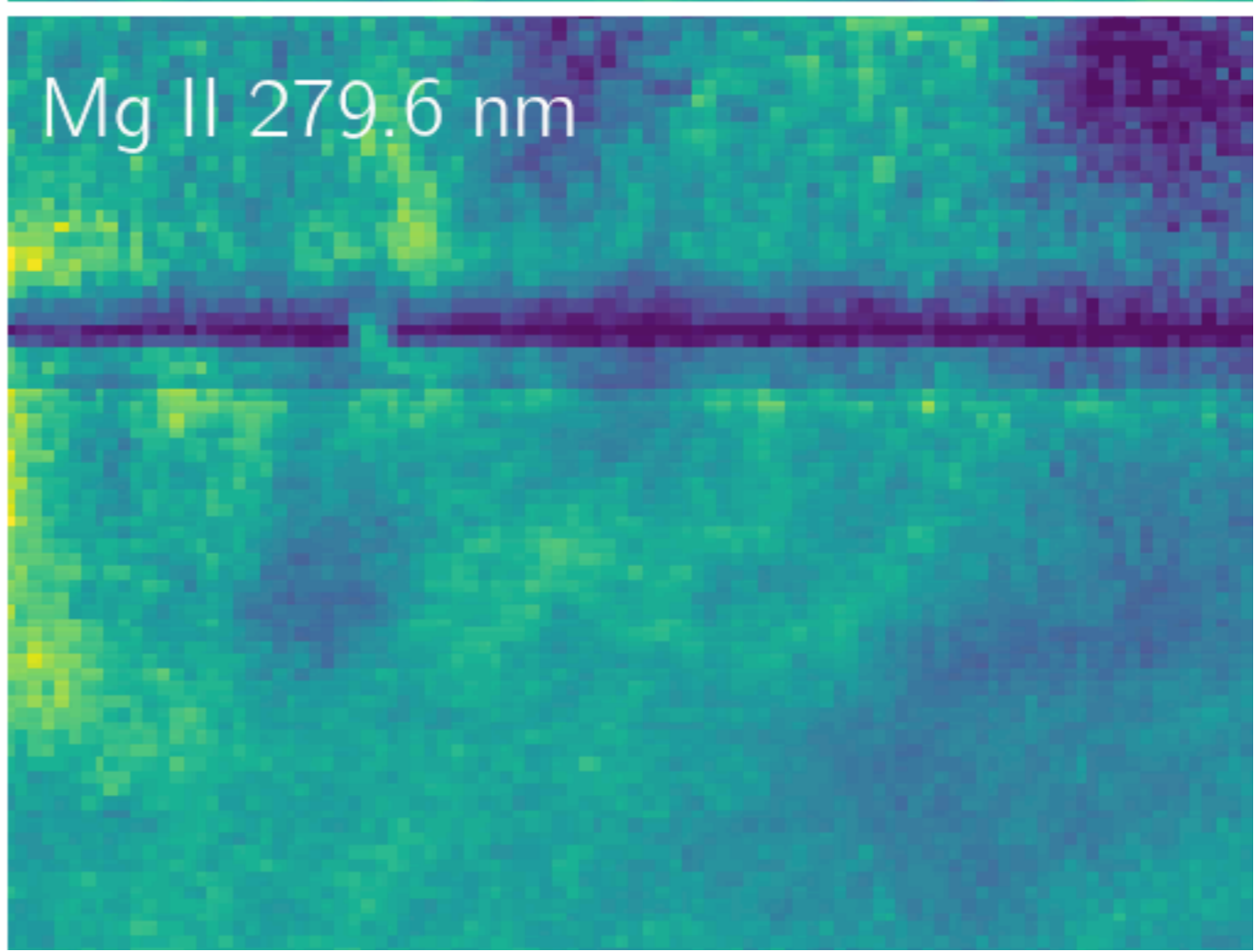
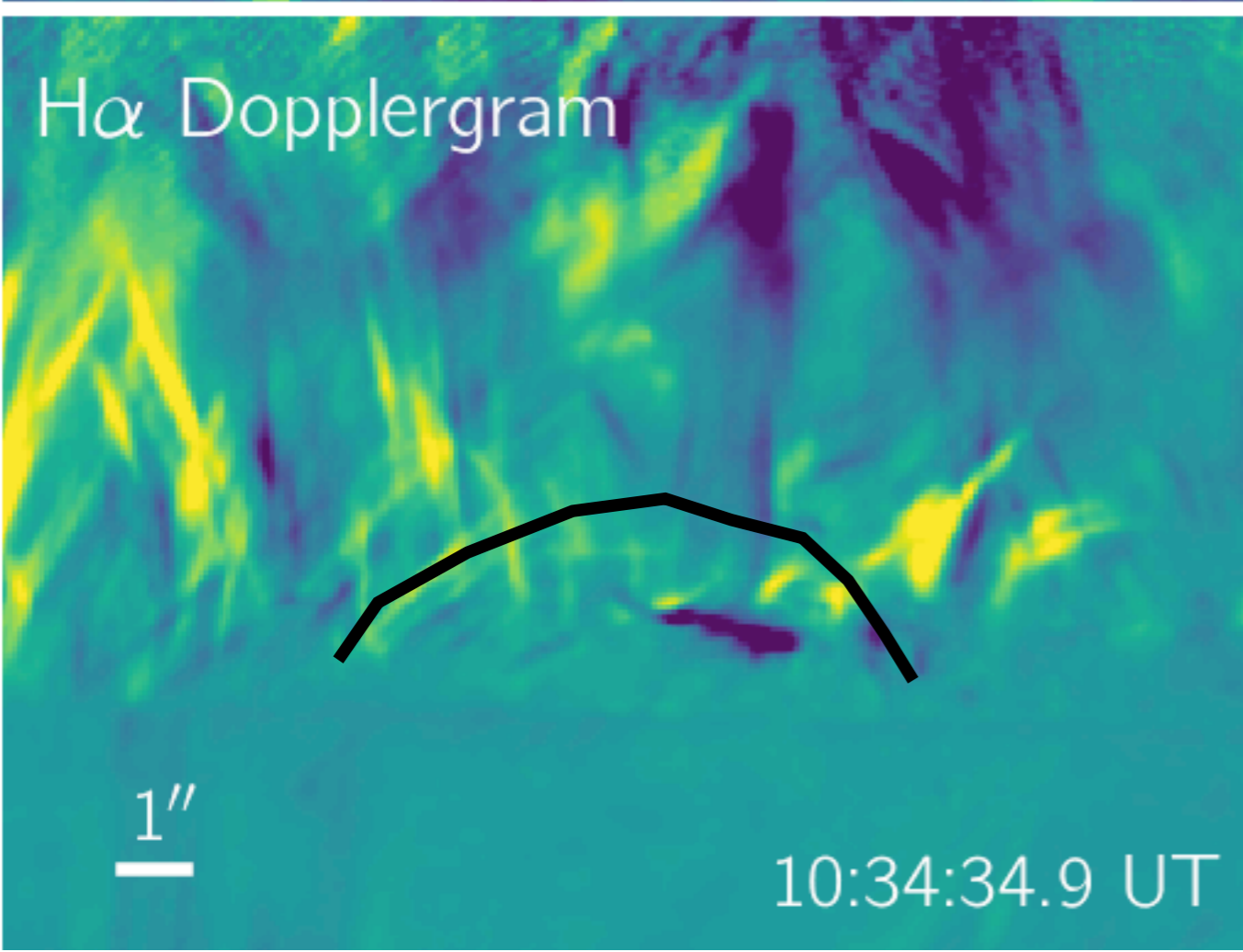
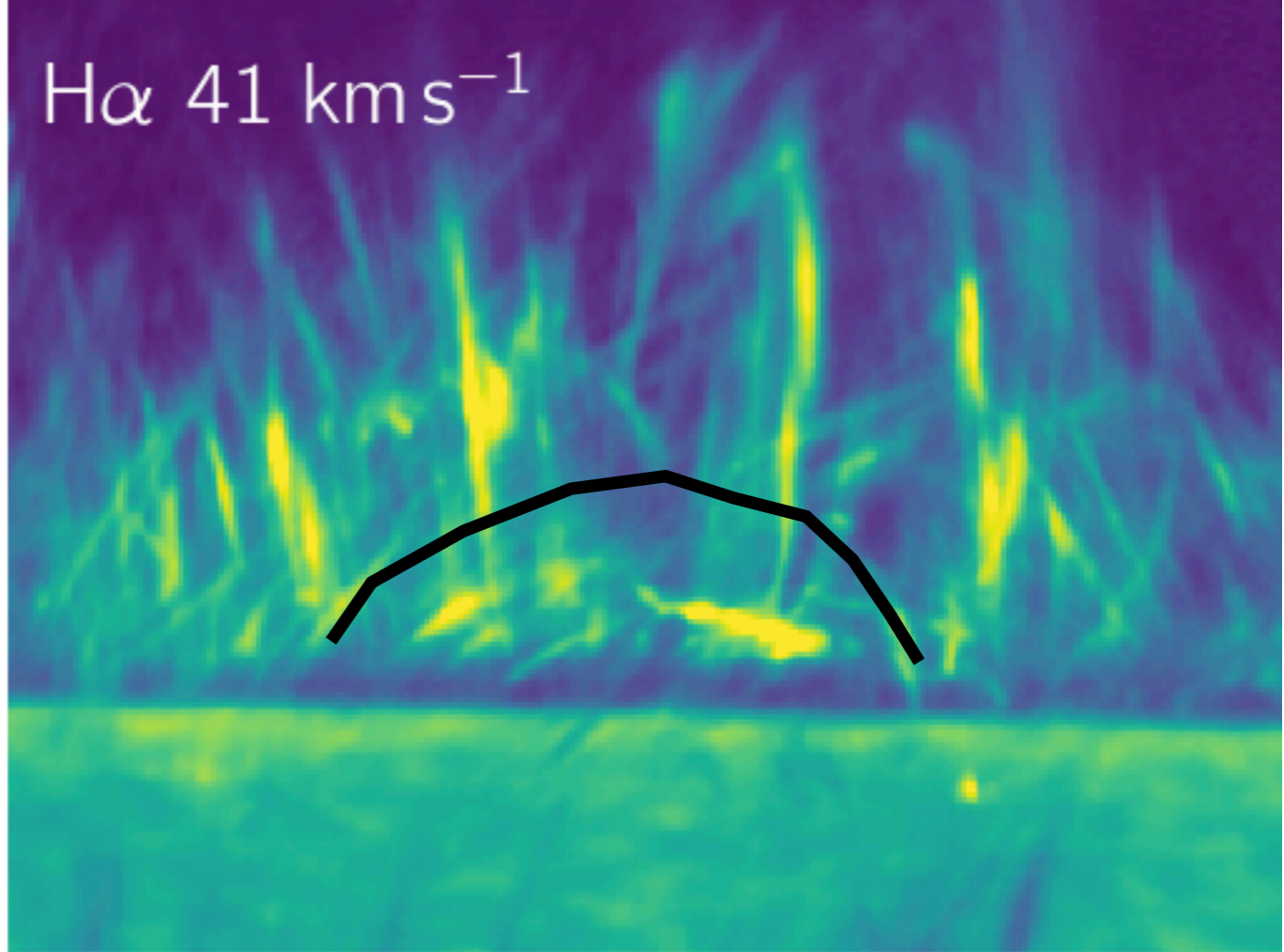
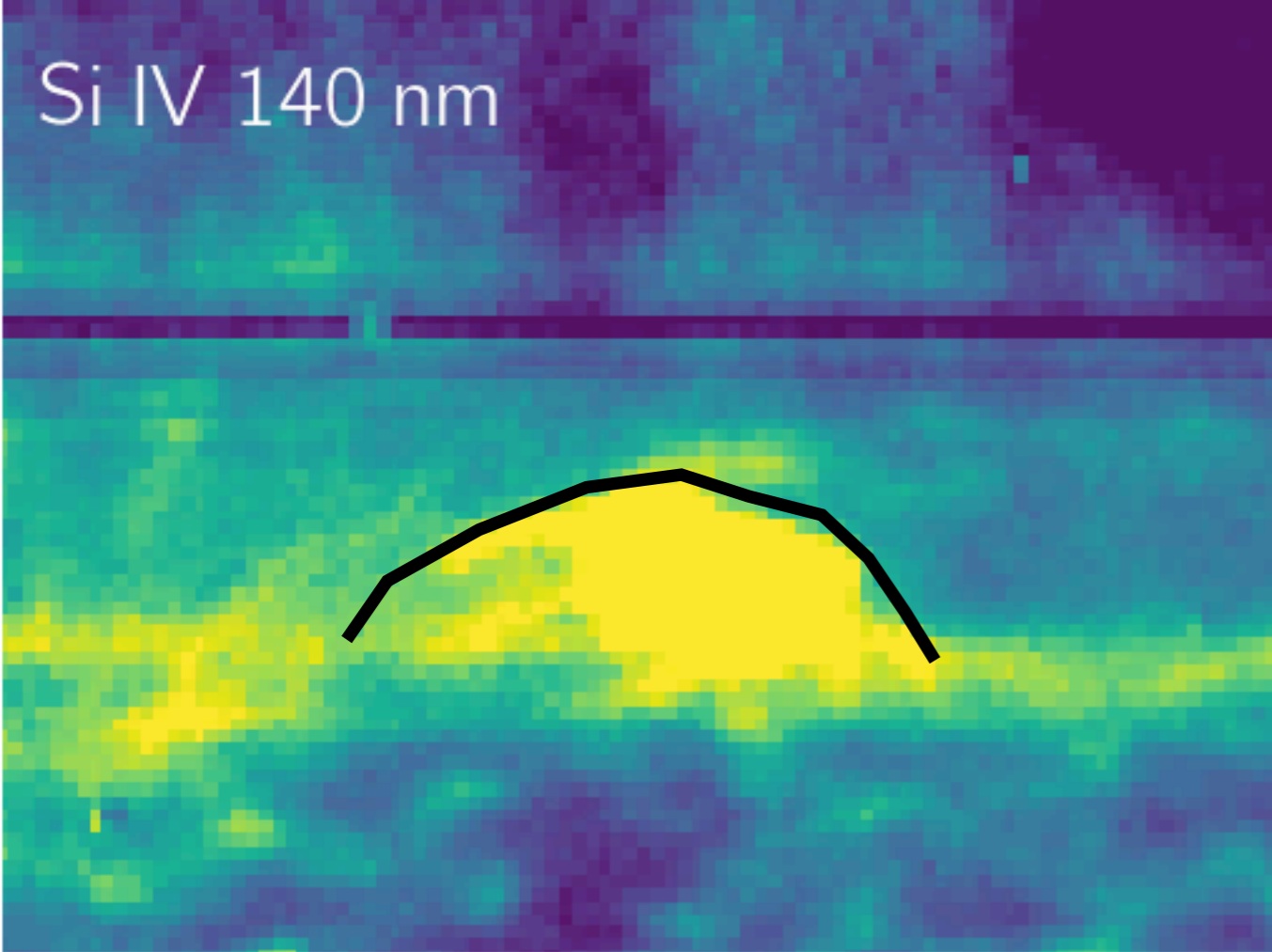


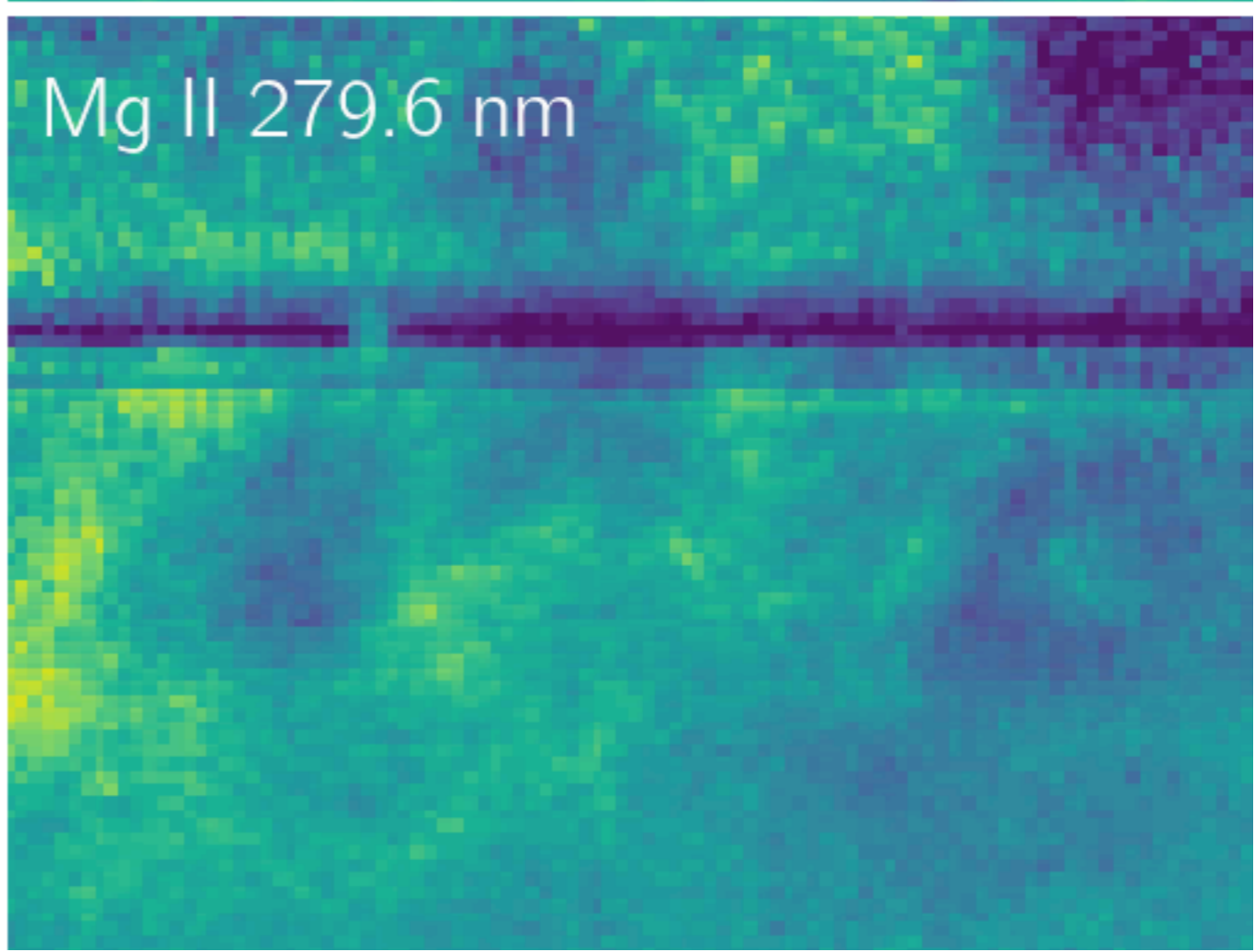
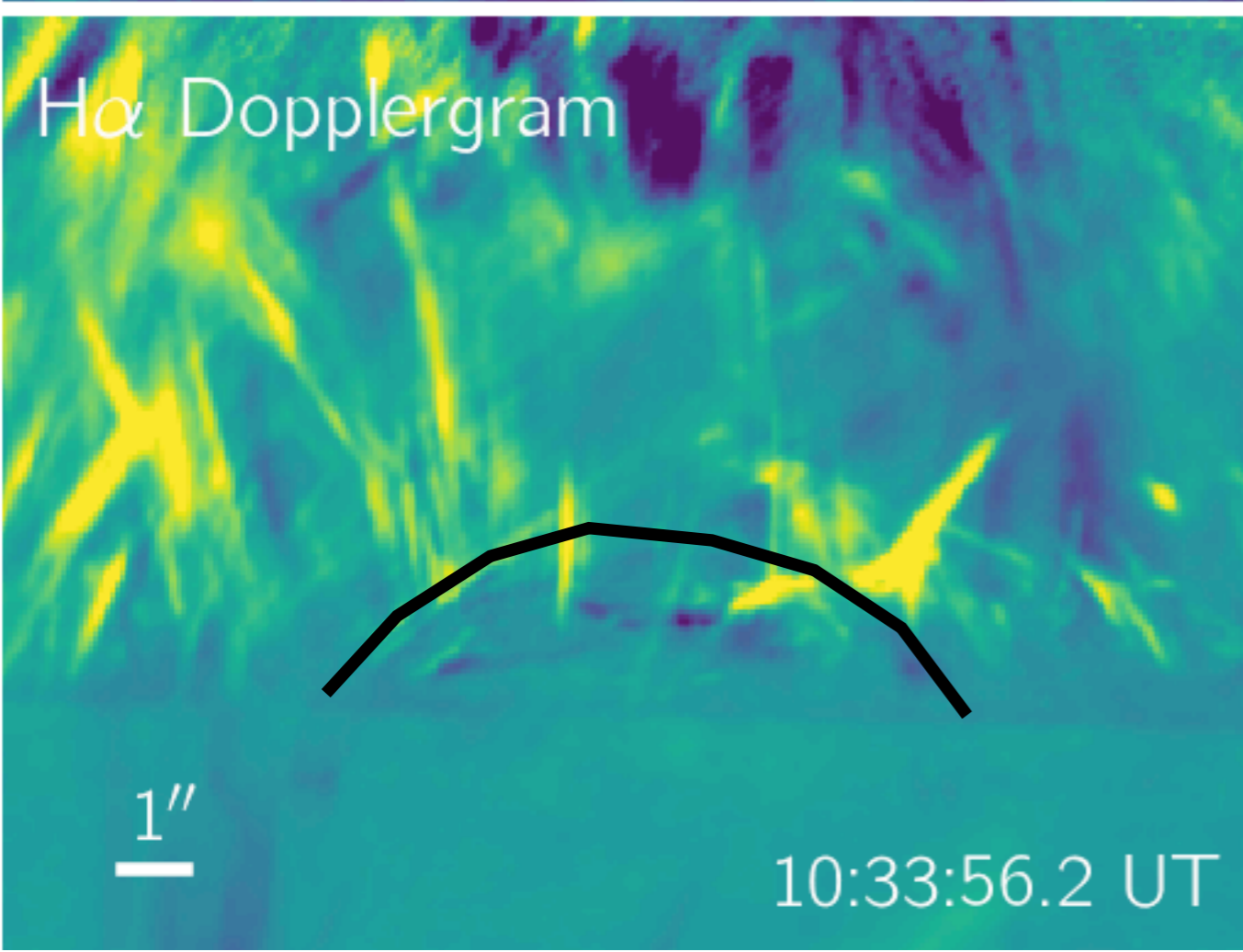
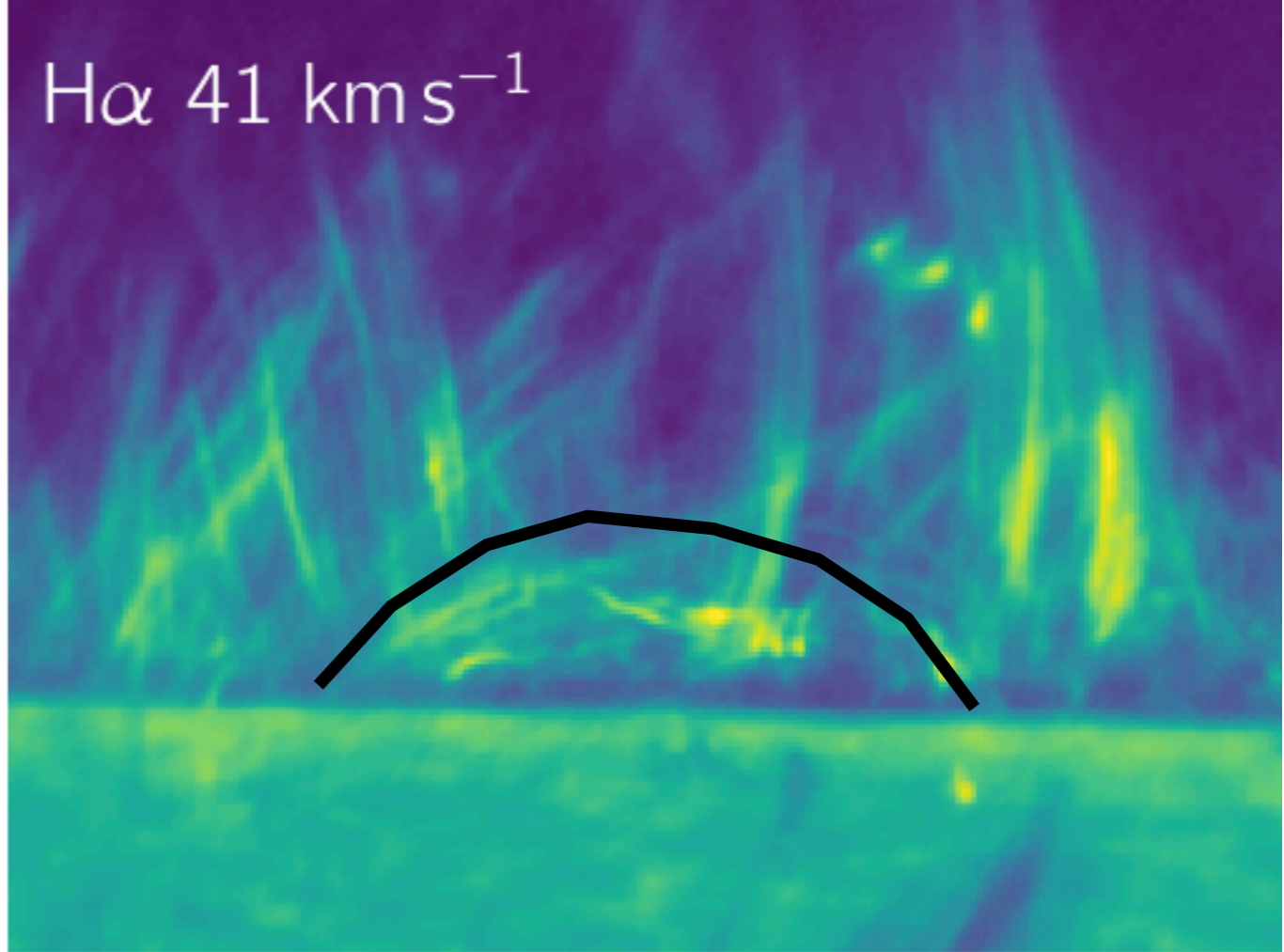
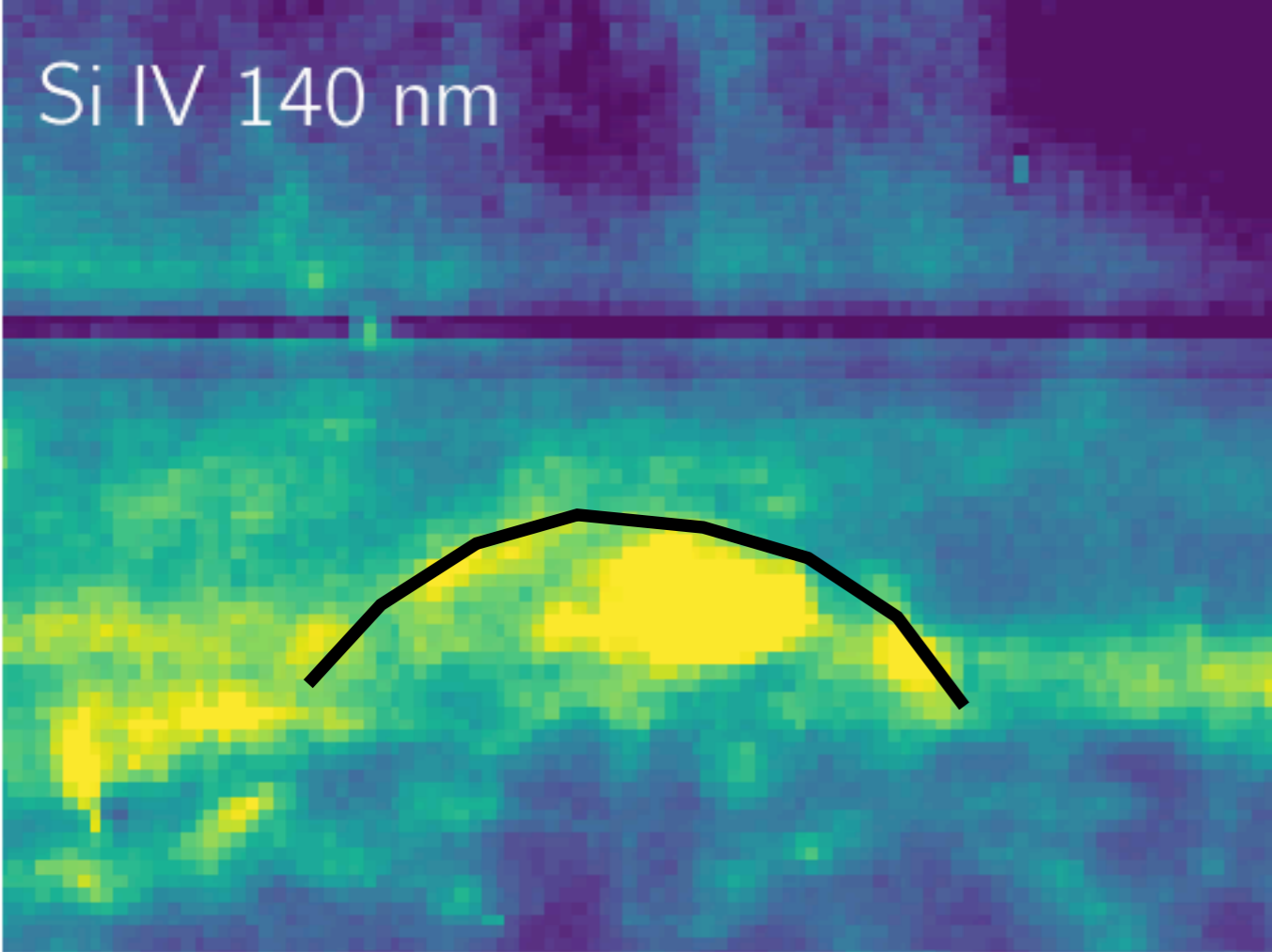
This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 291058.

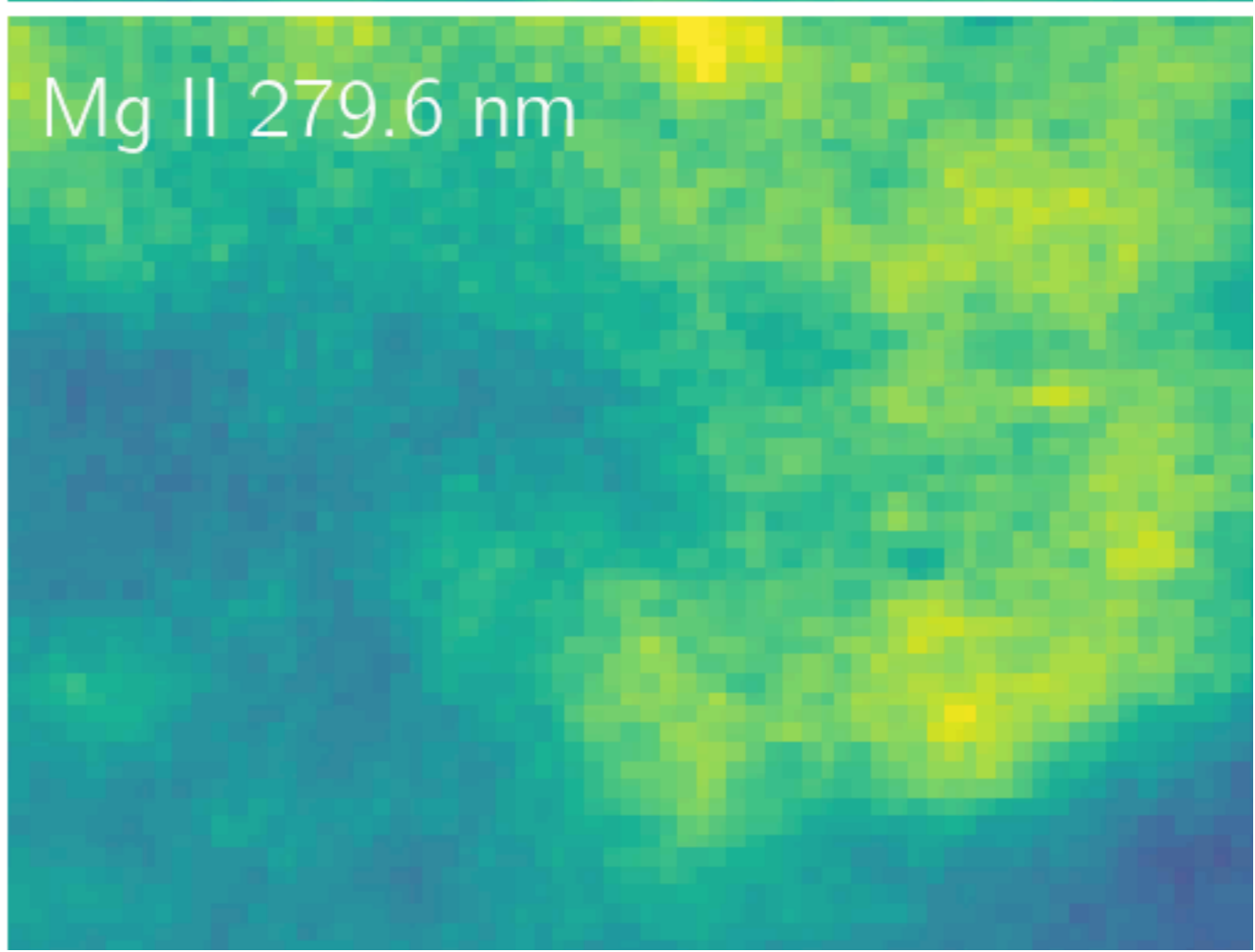
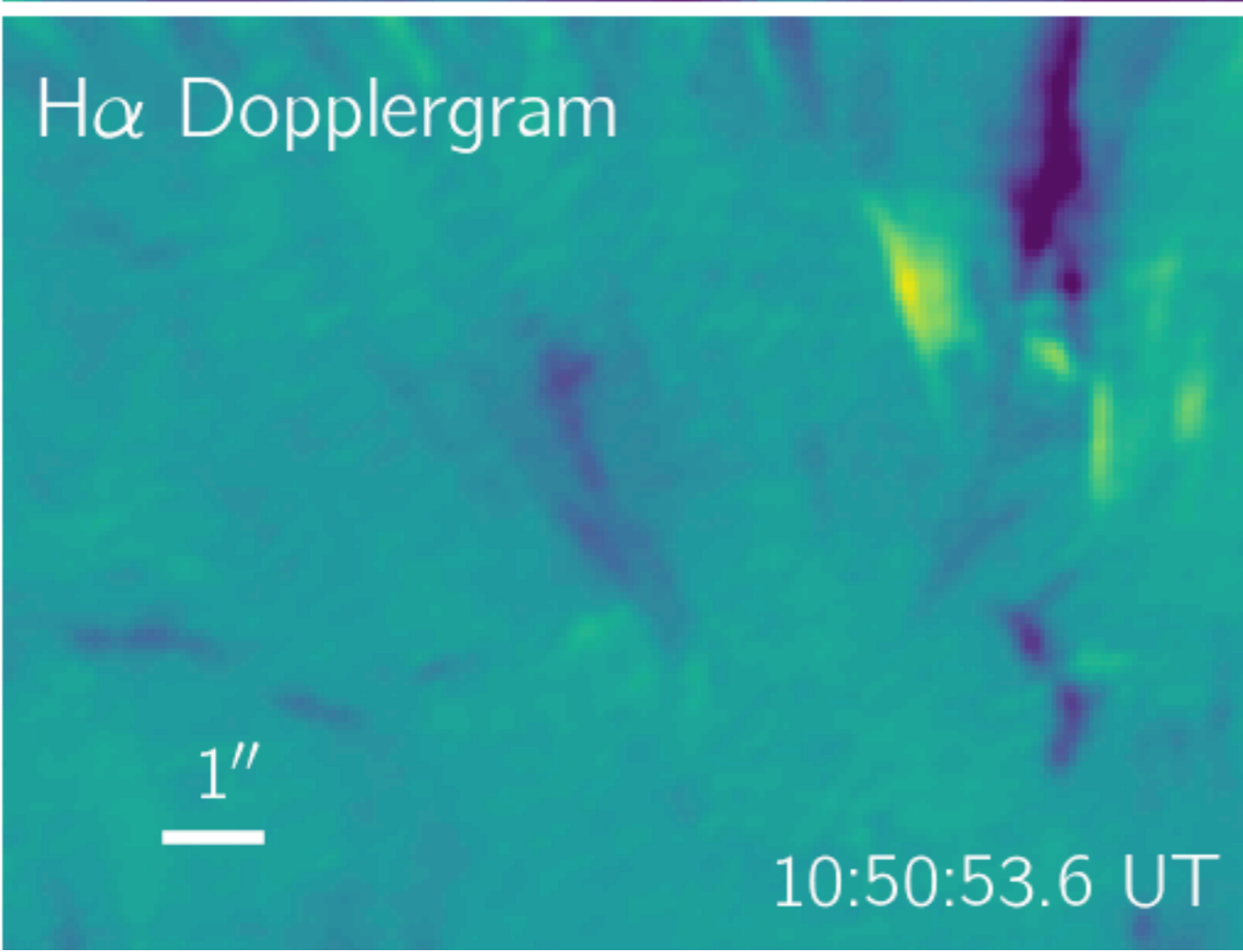
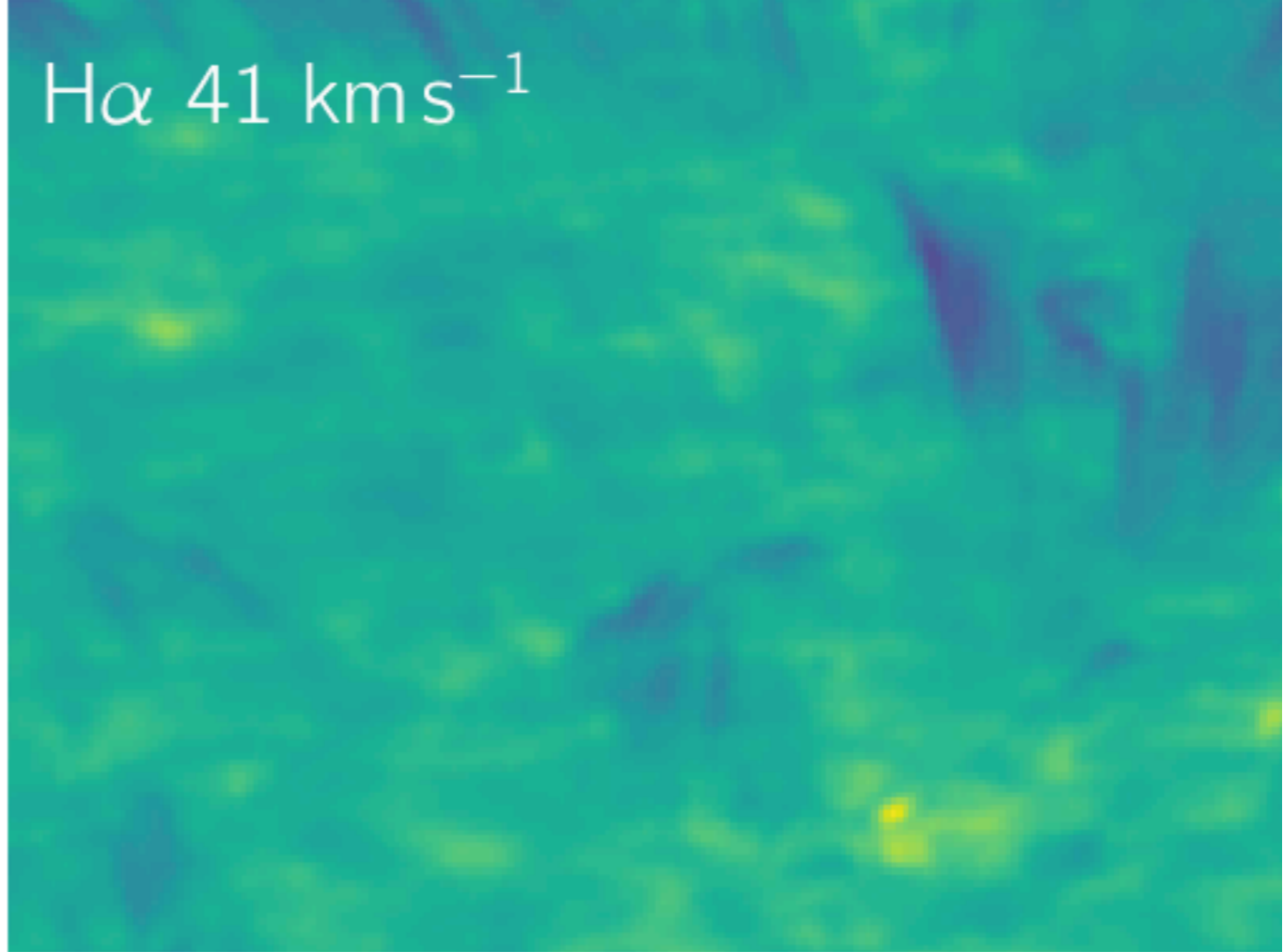
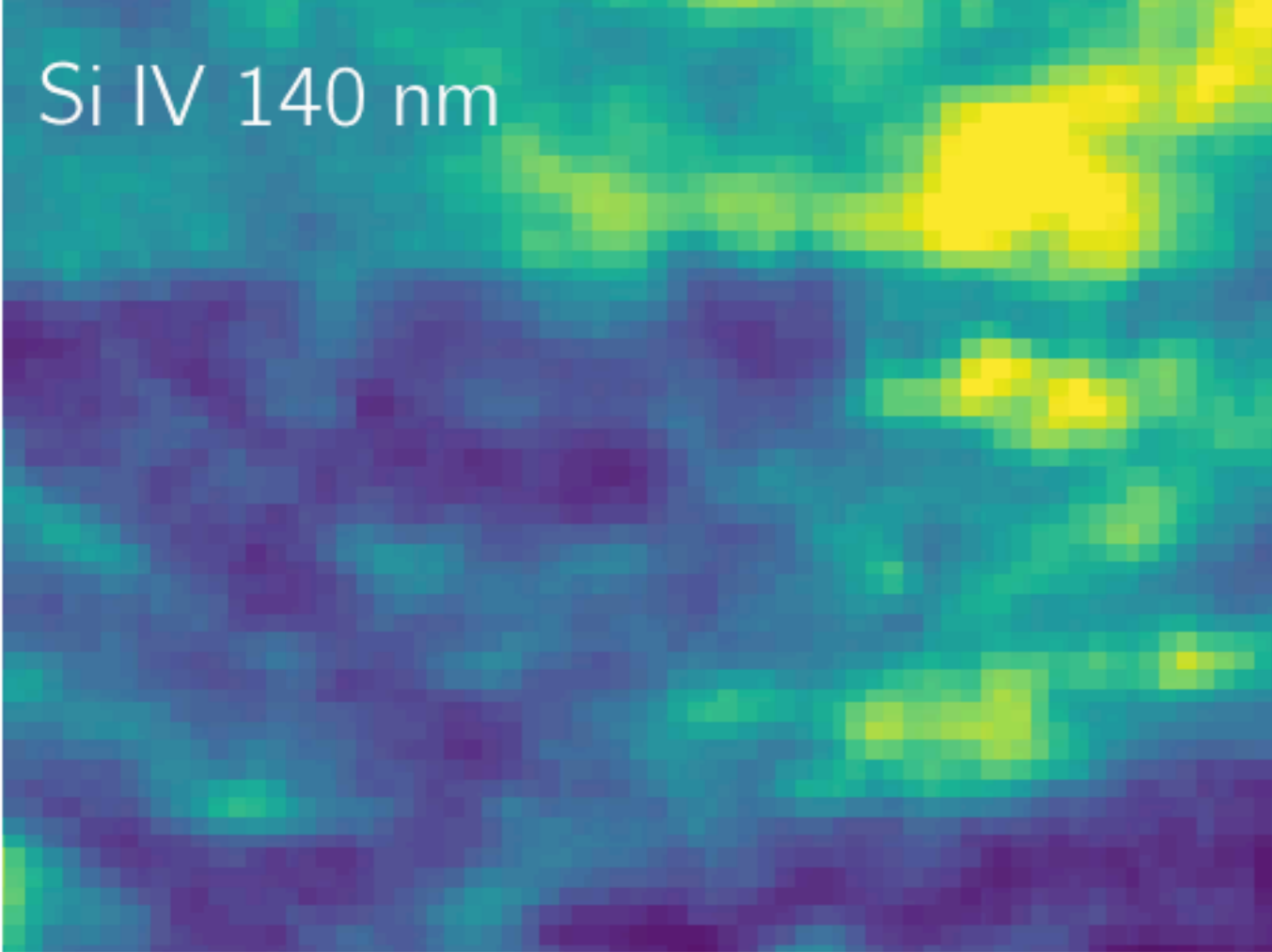


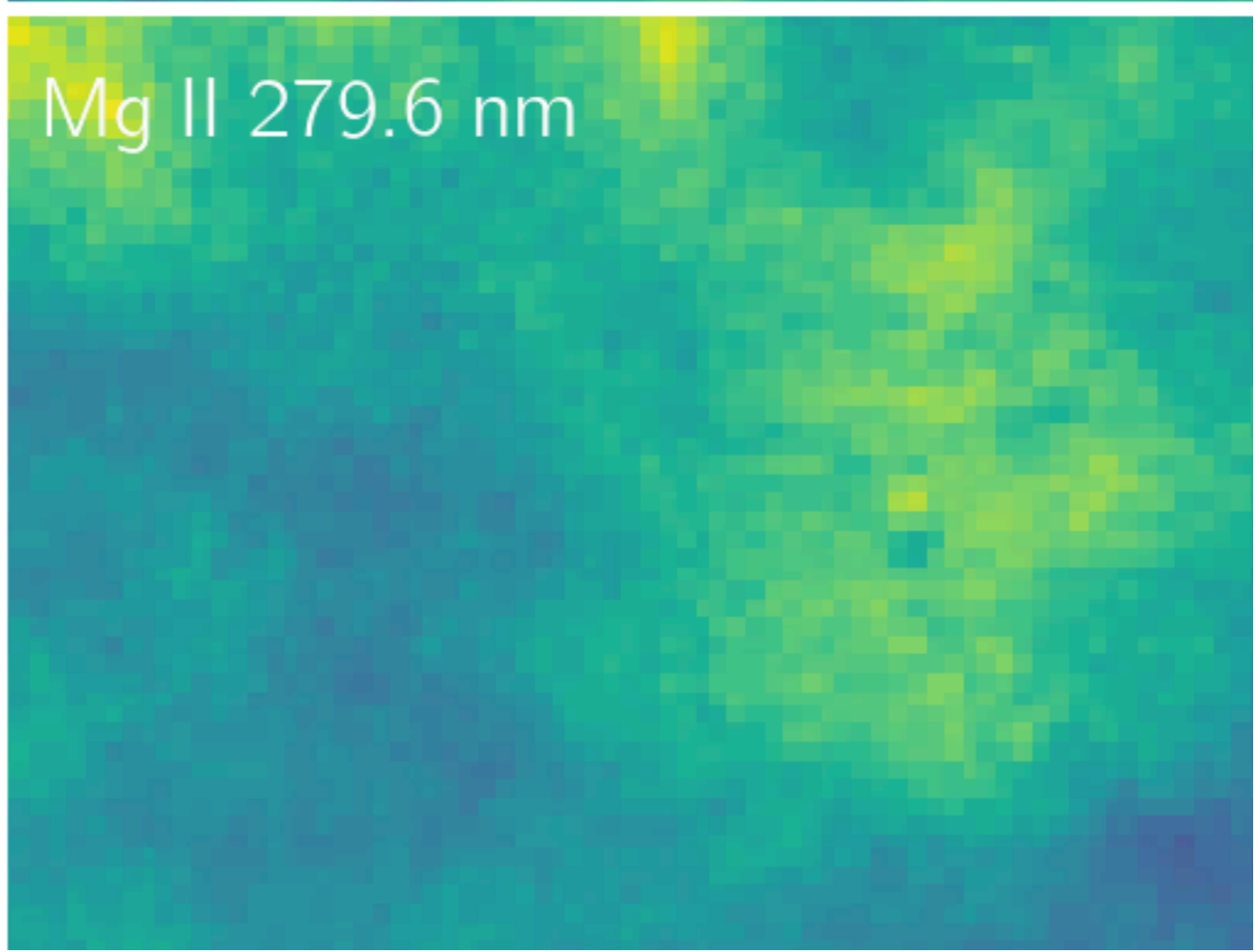
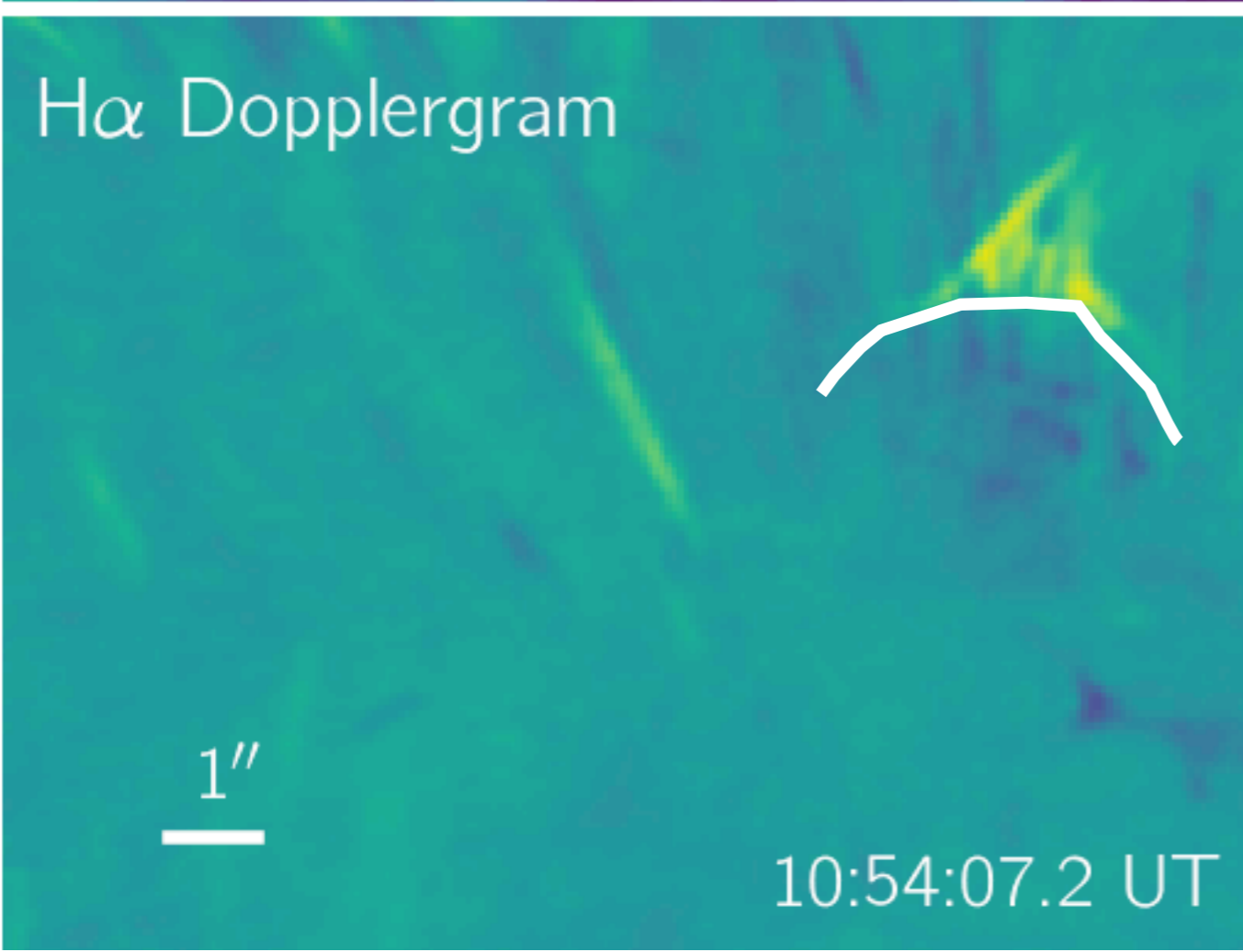
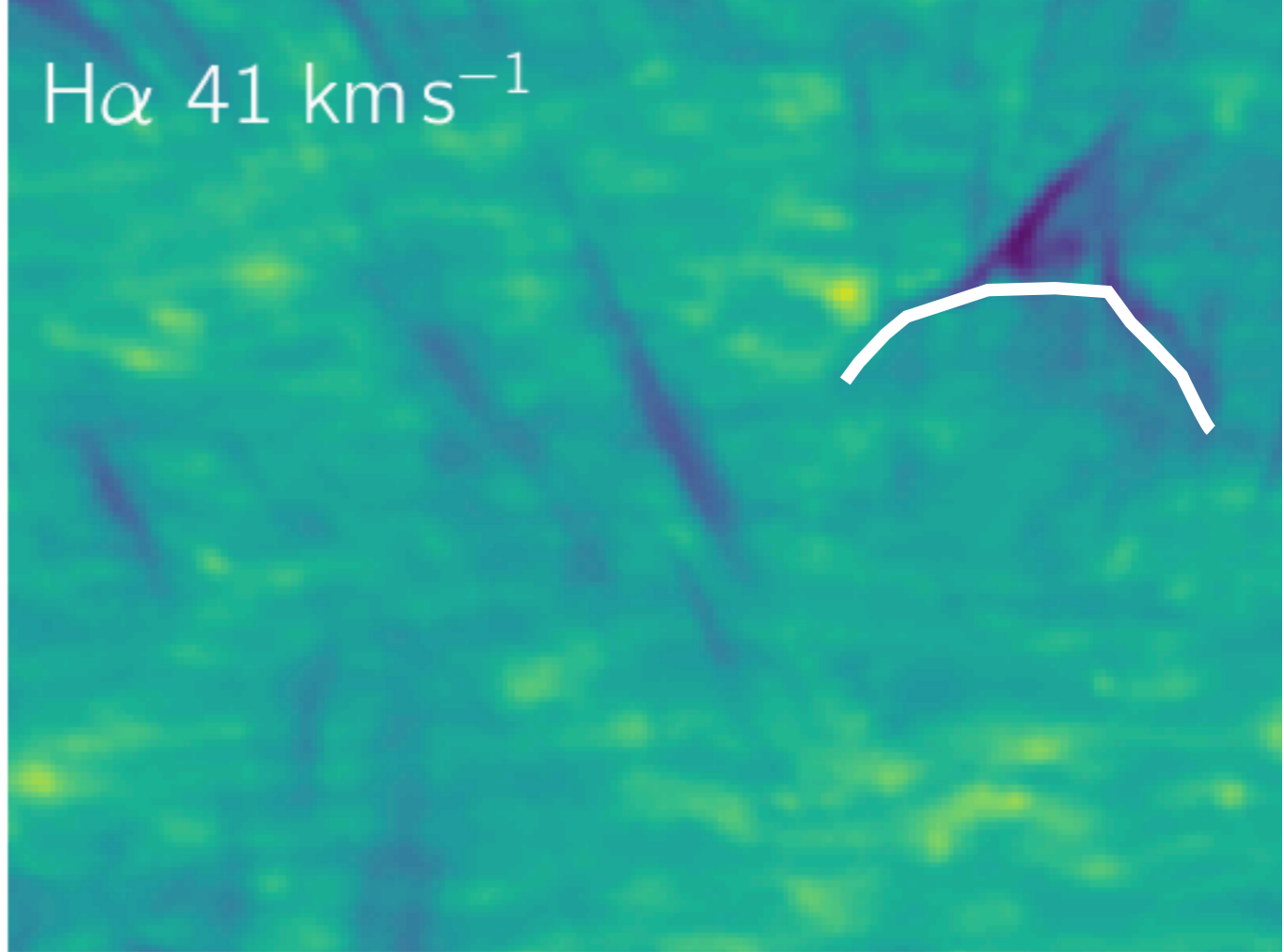
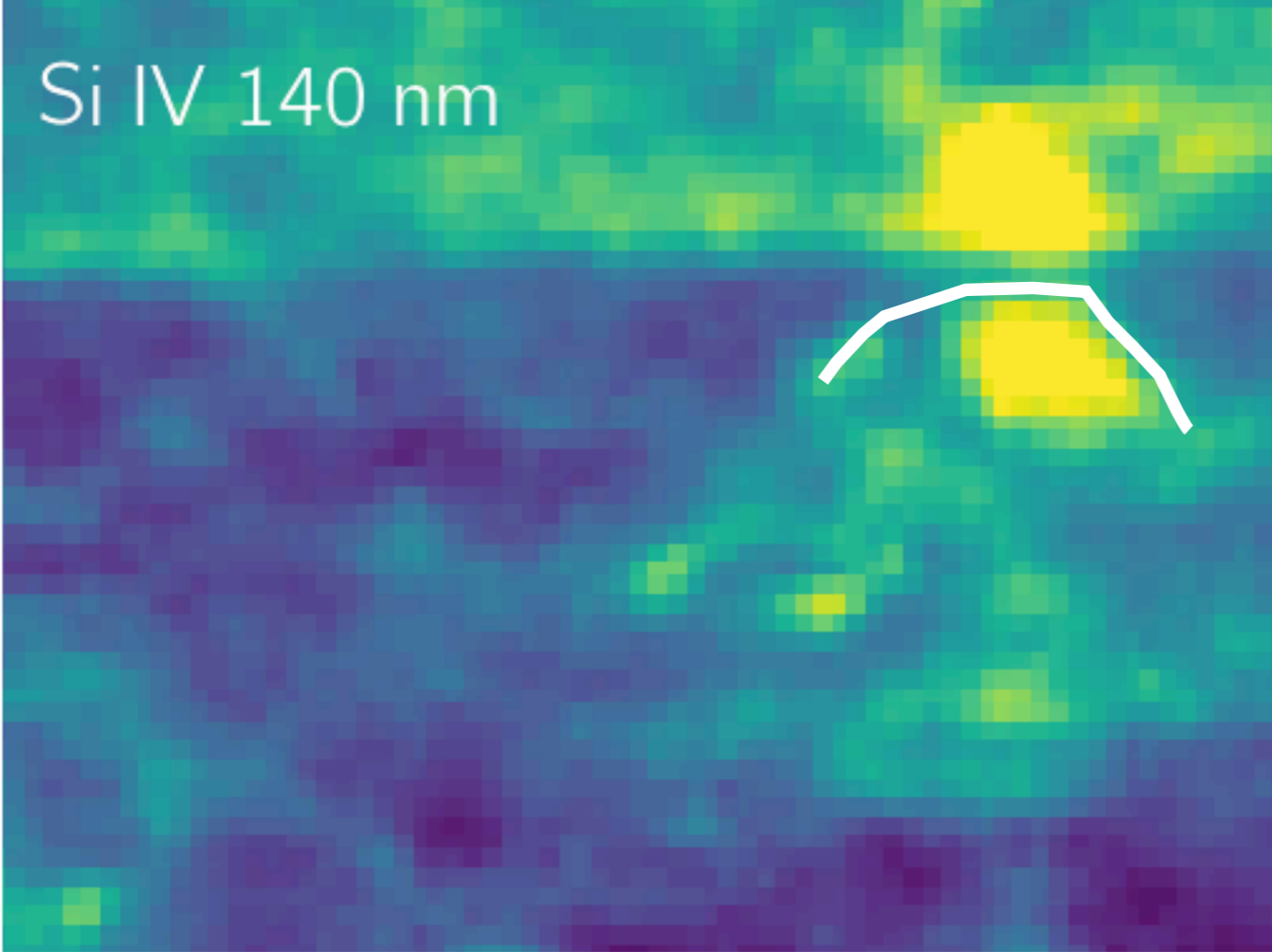
Hansteen et al. (2014), Science, 346

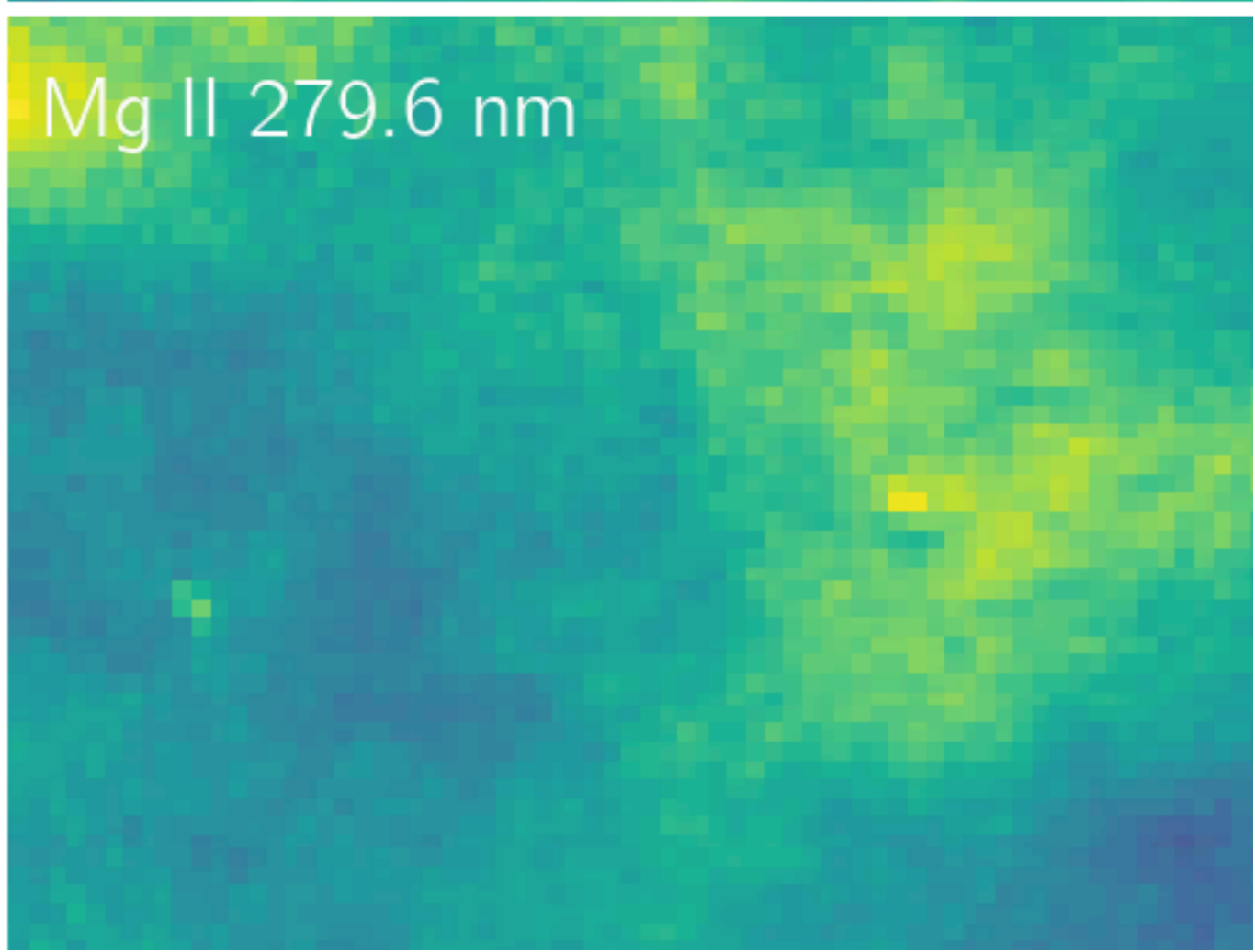
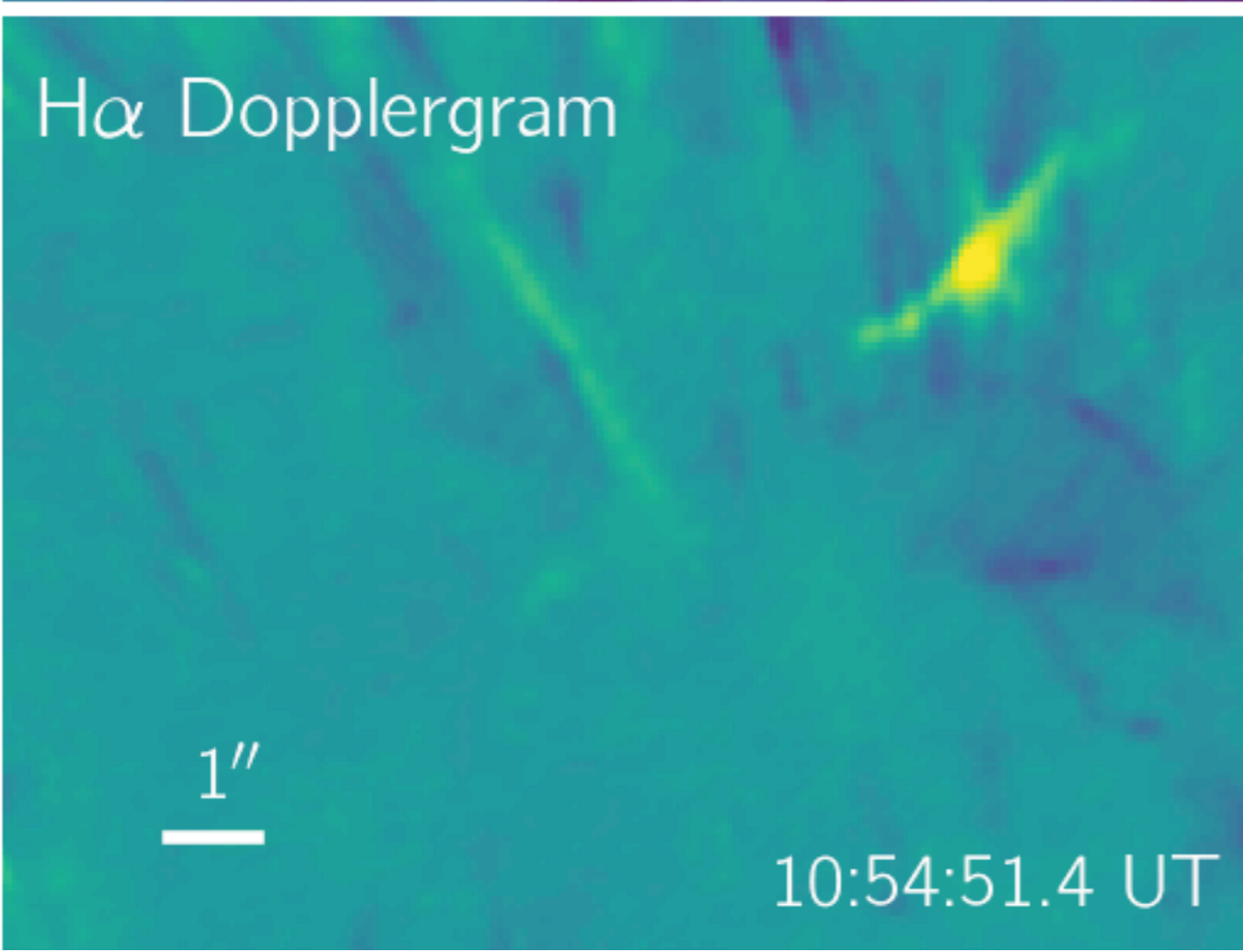
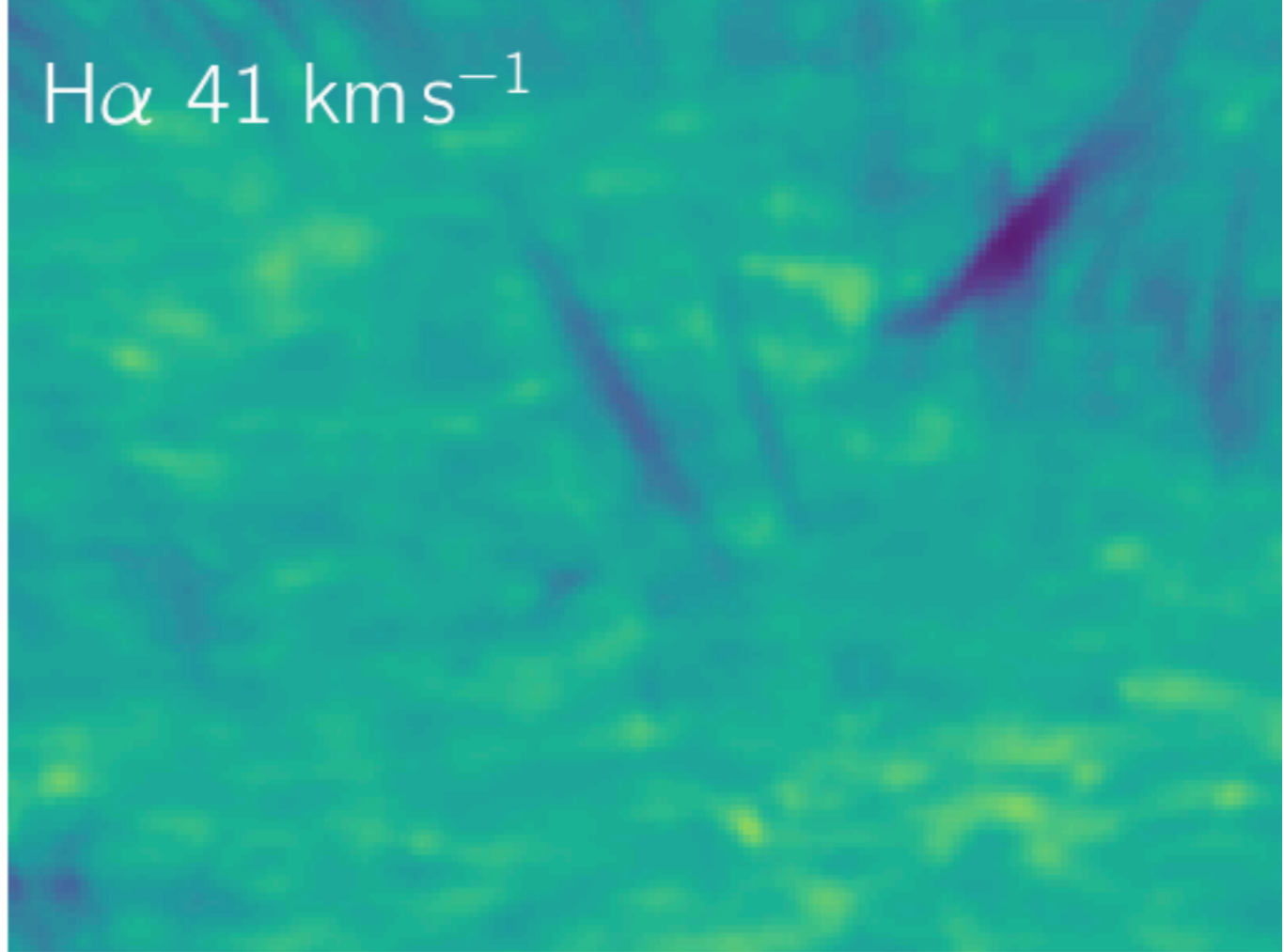
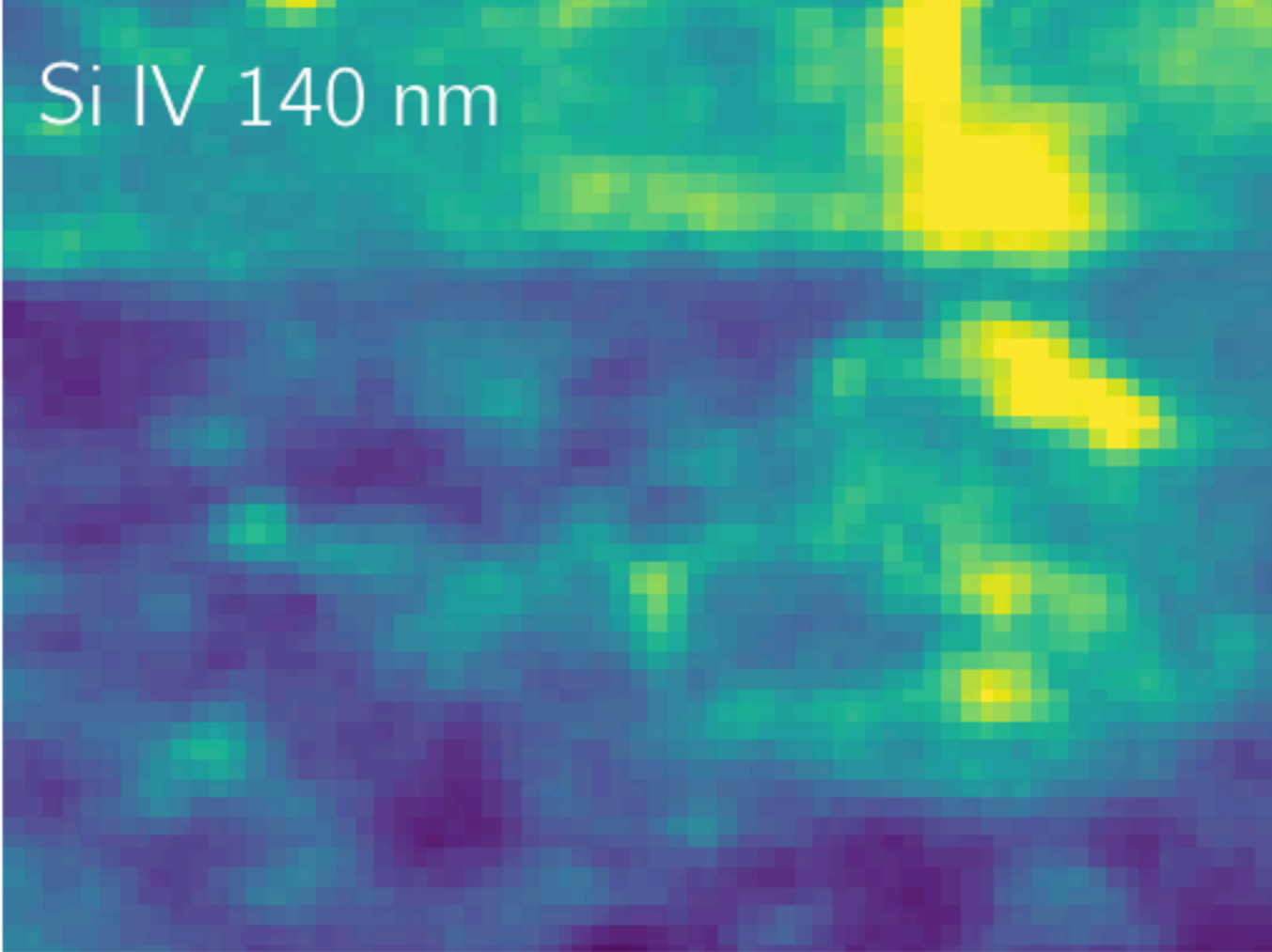


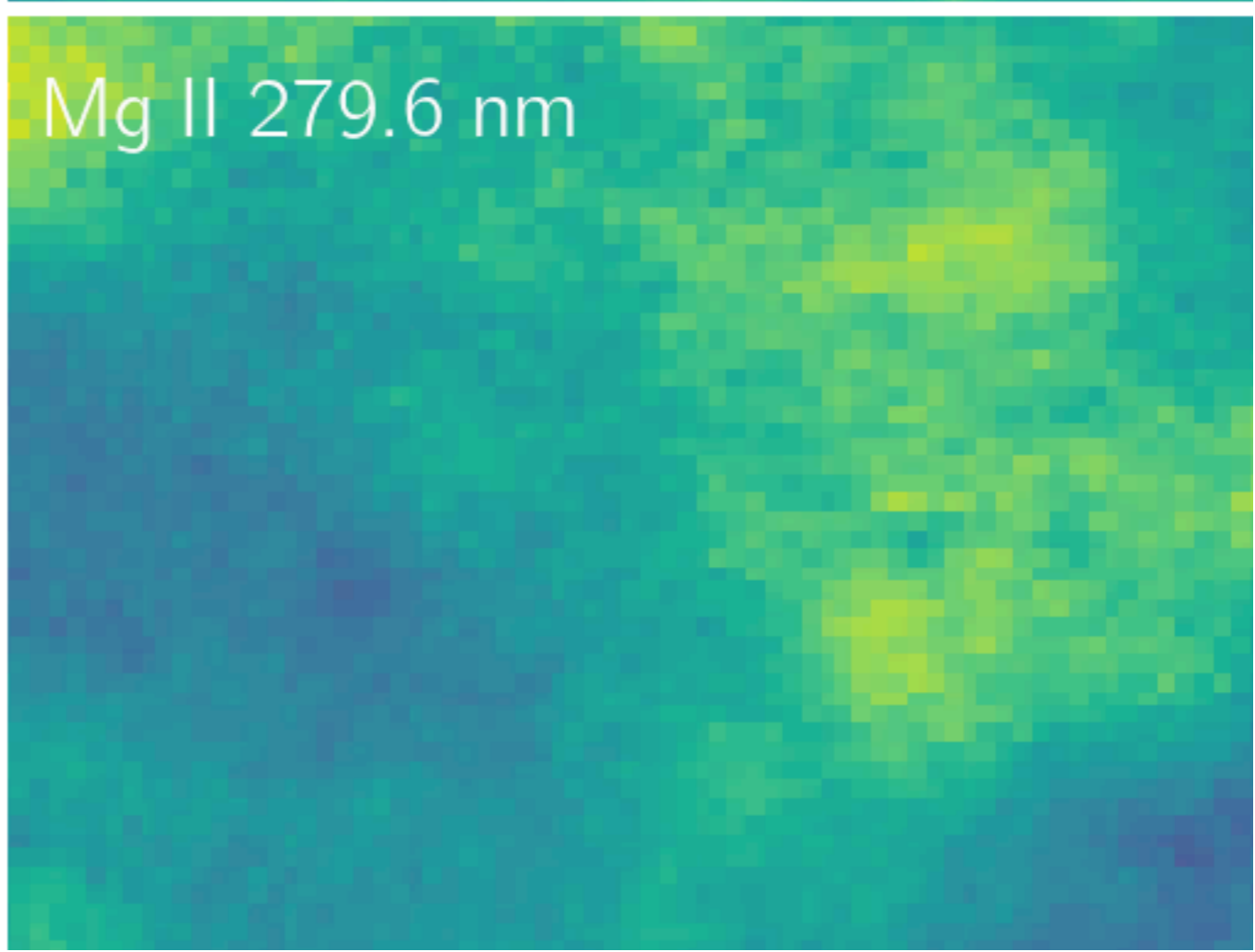
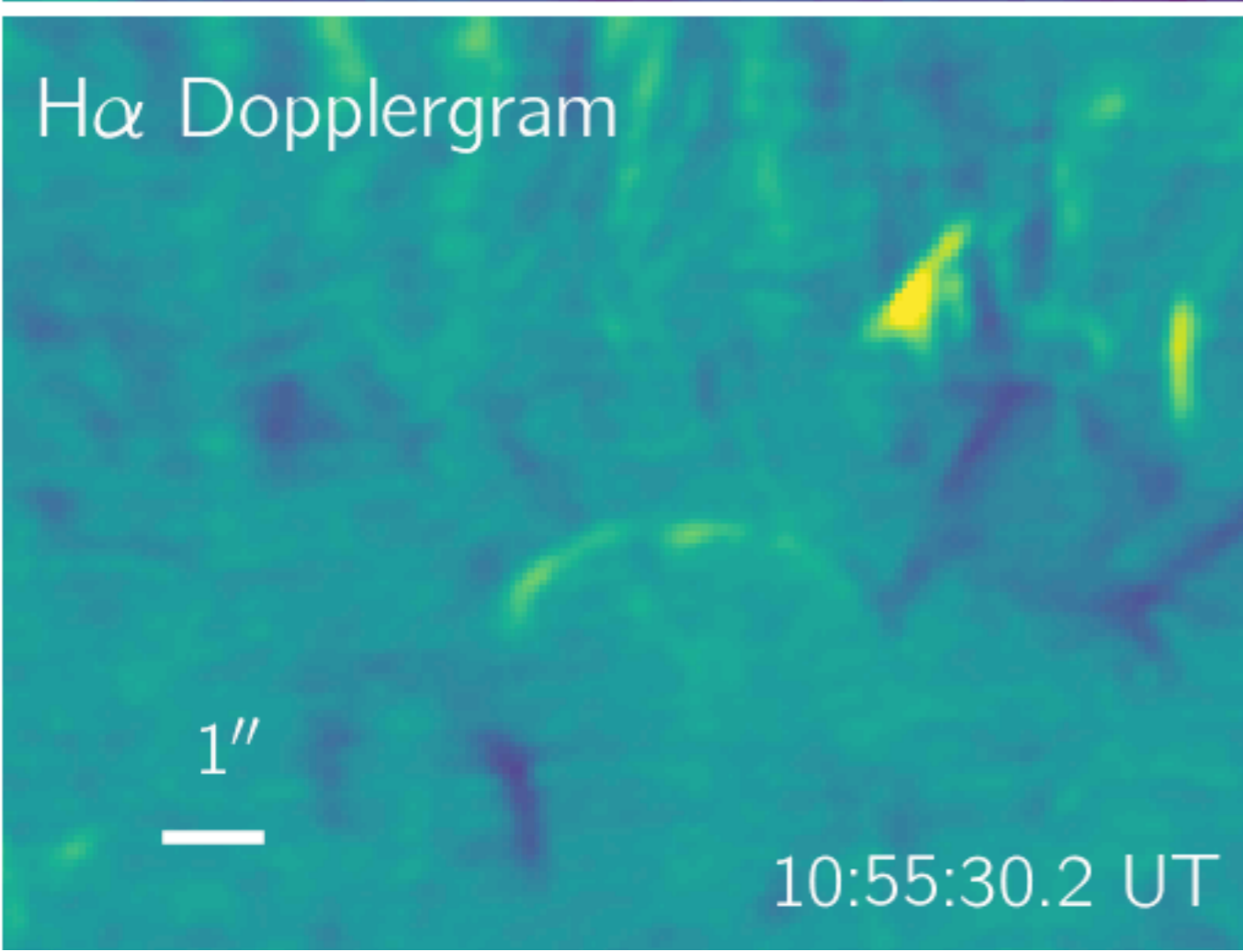
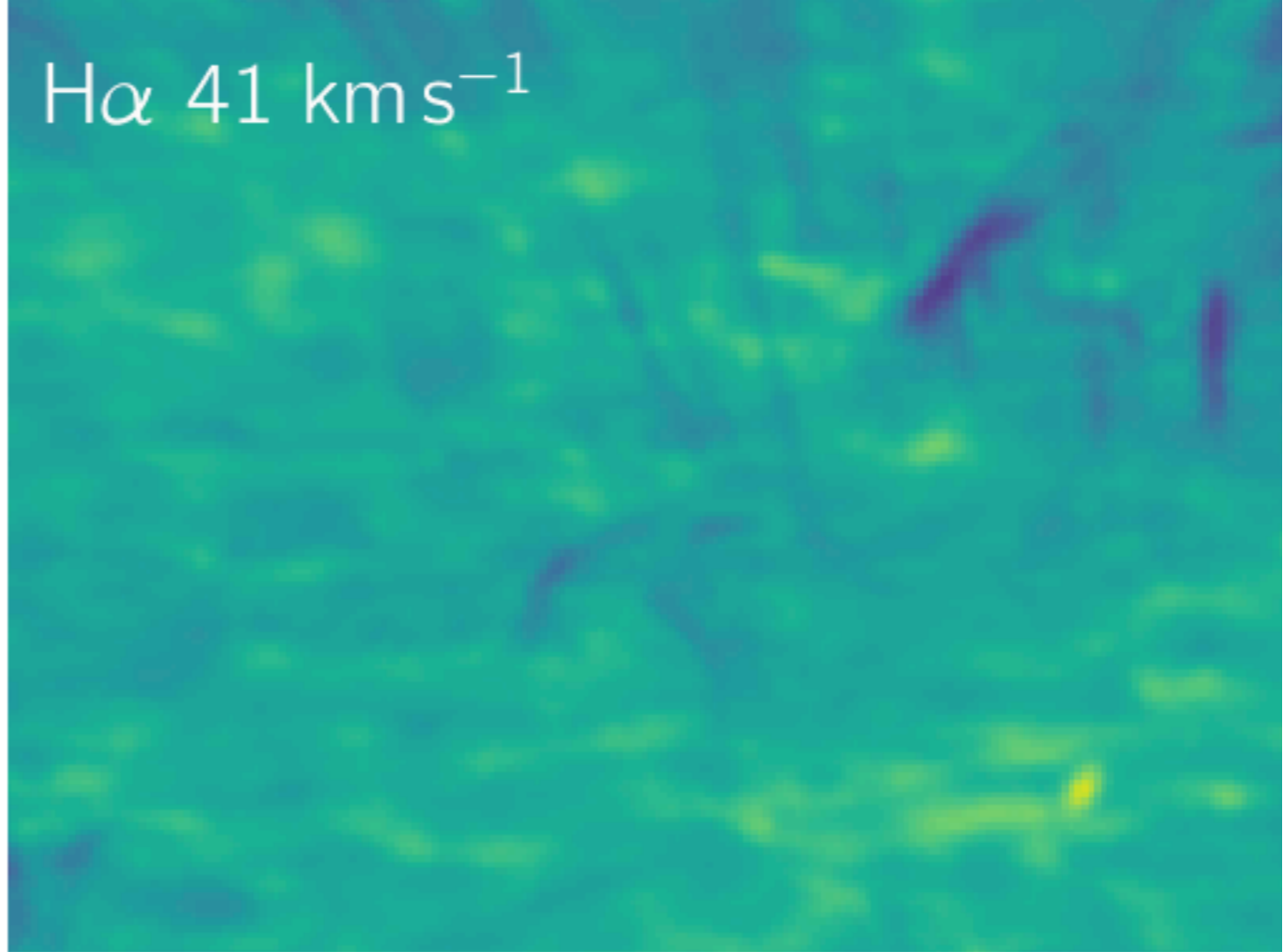
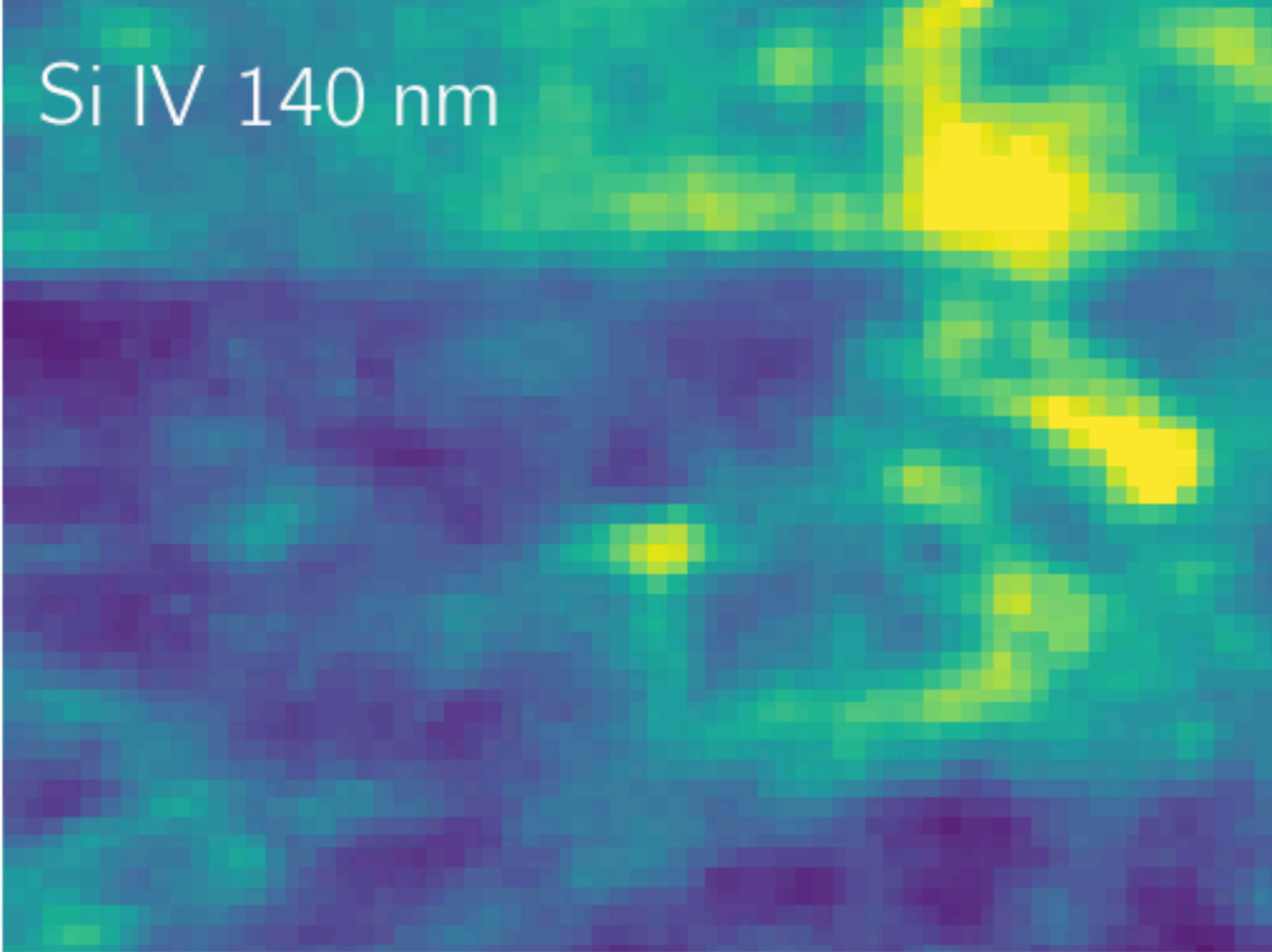


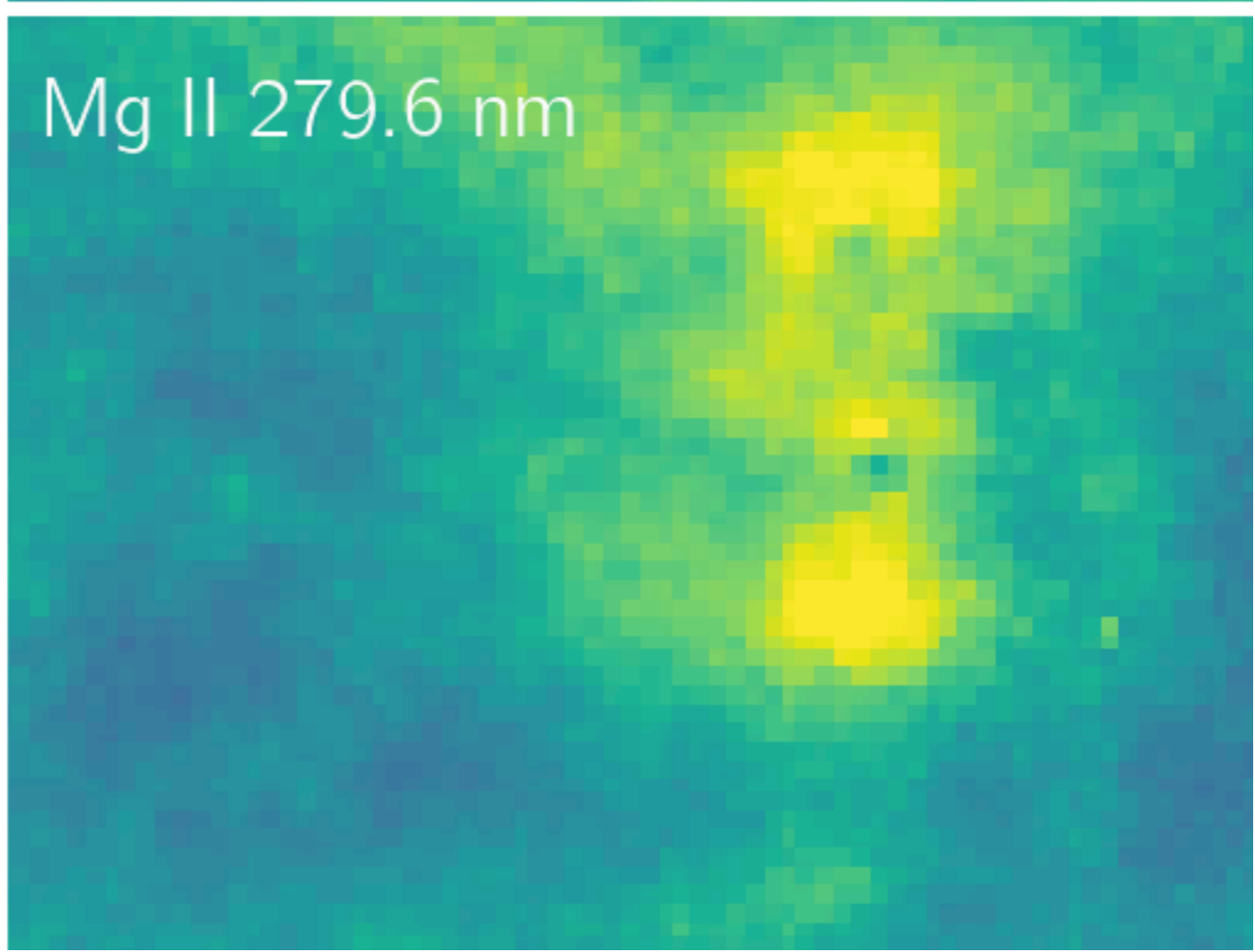
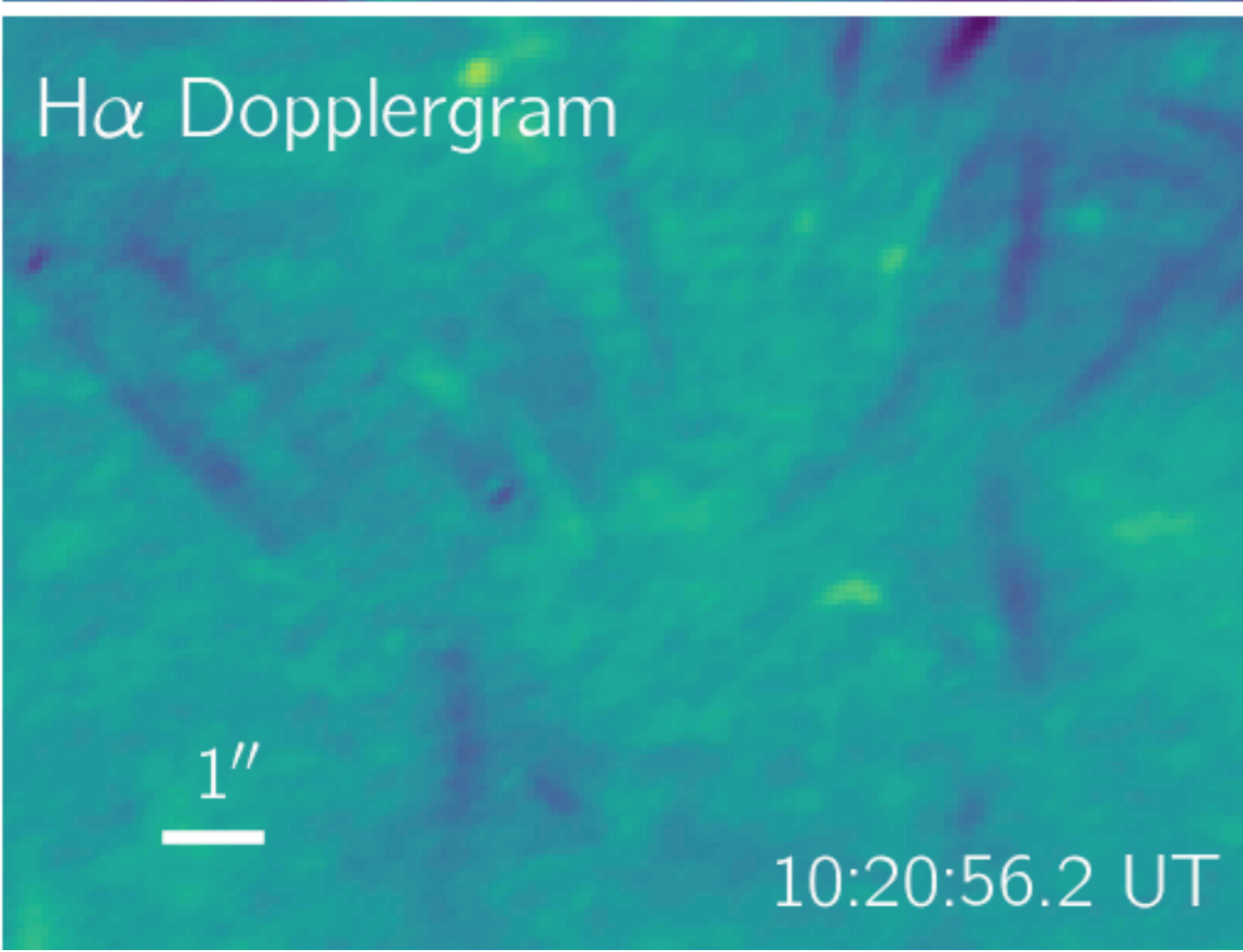
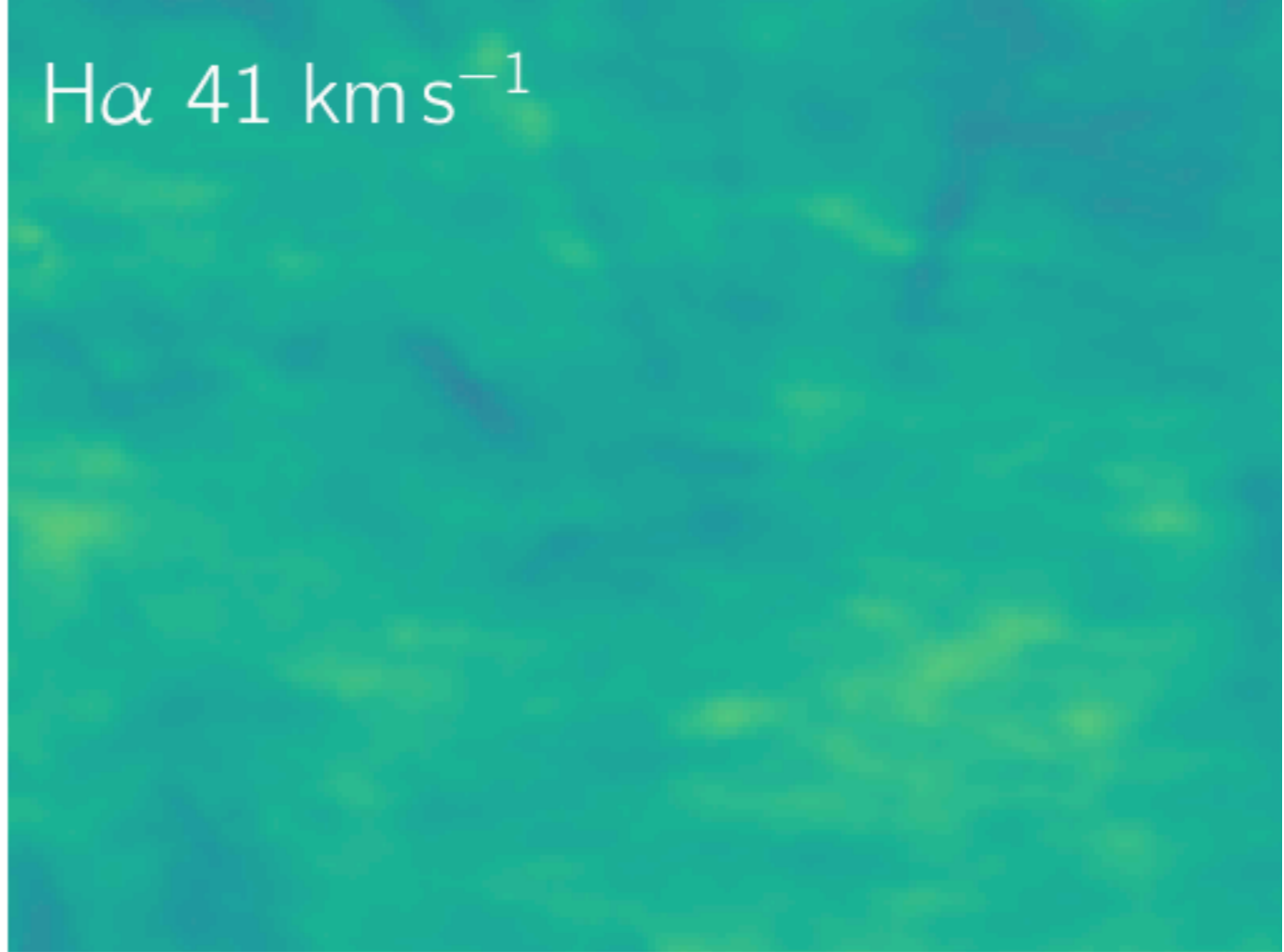
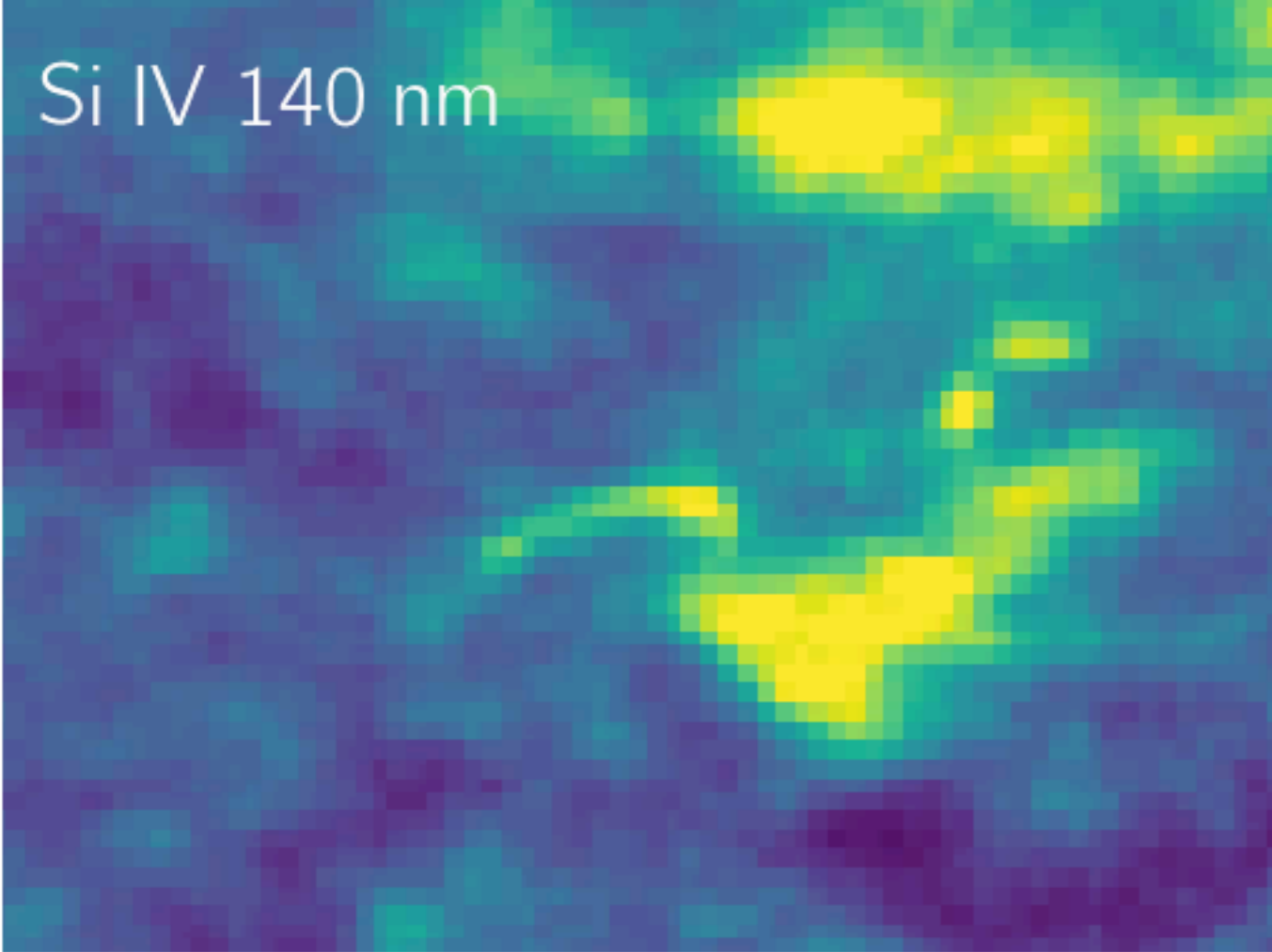


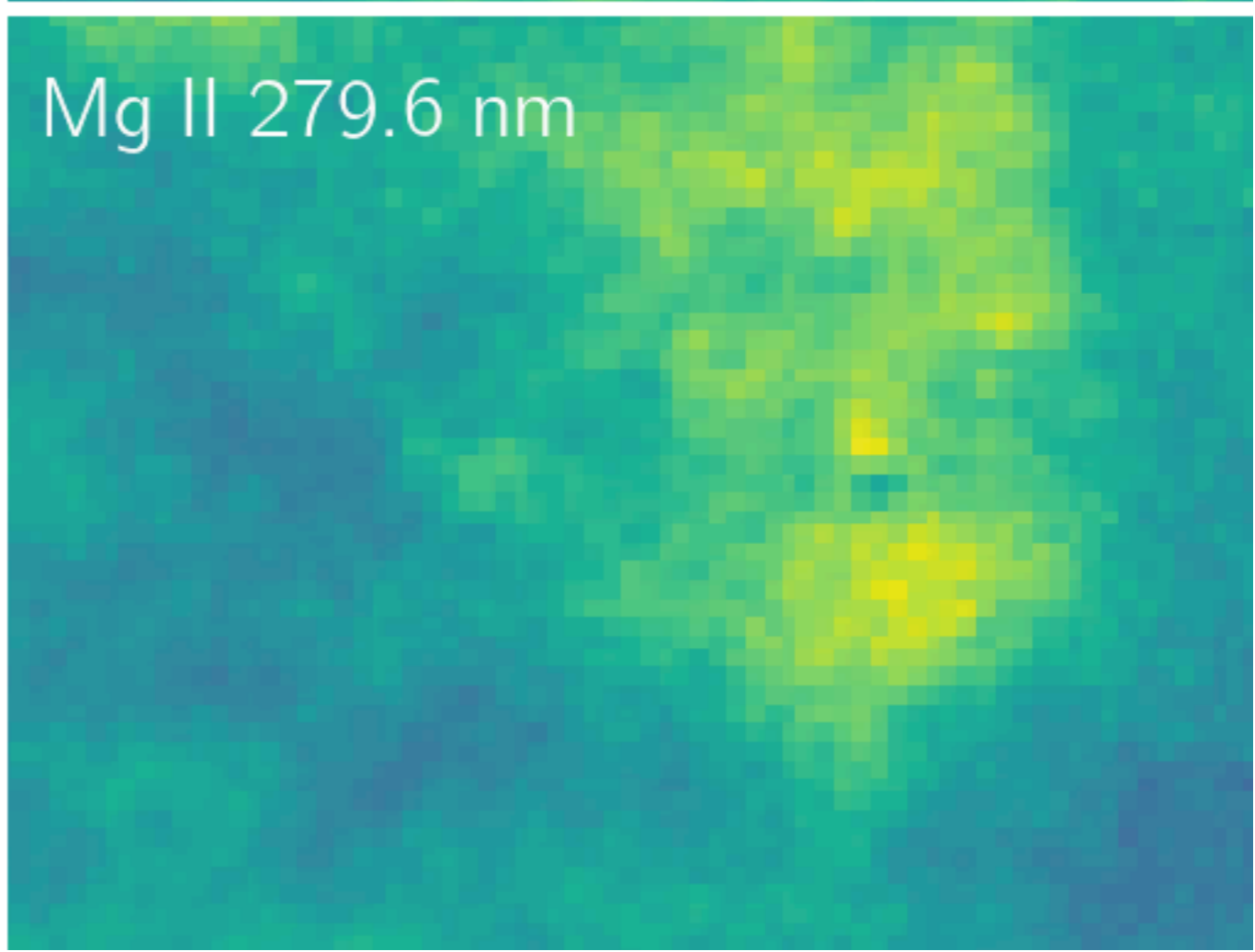
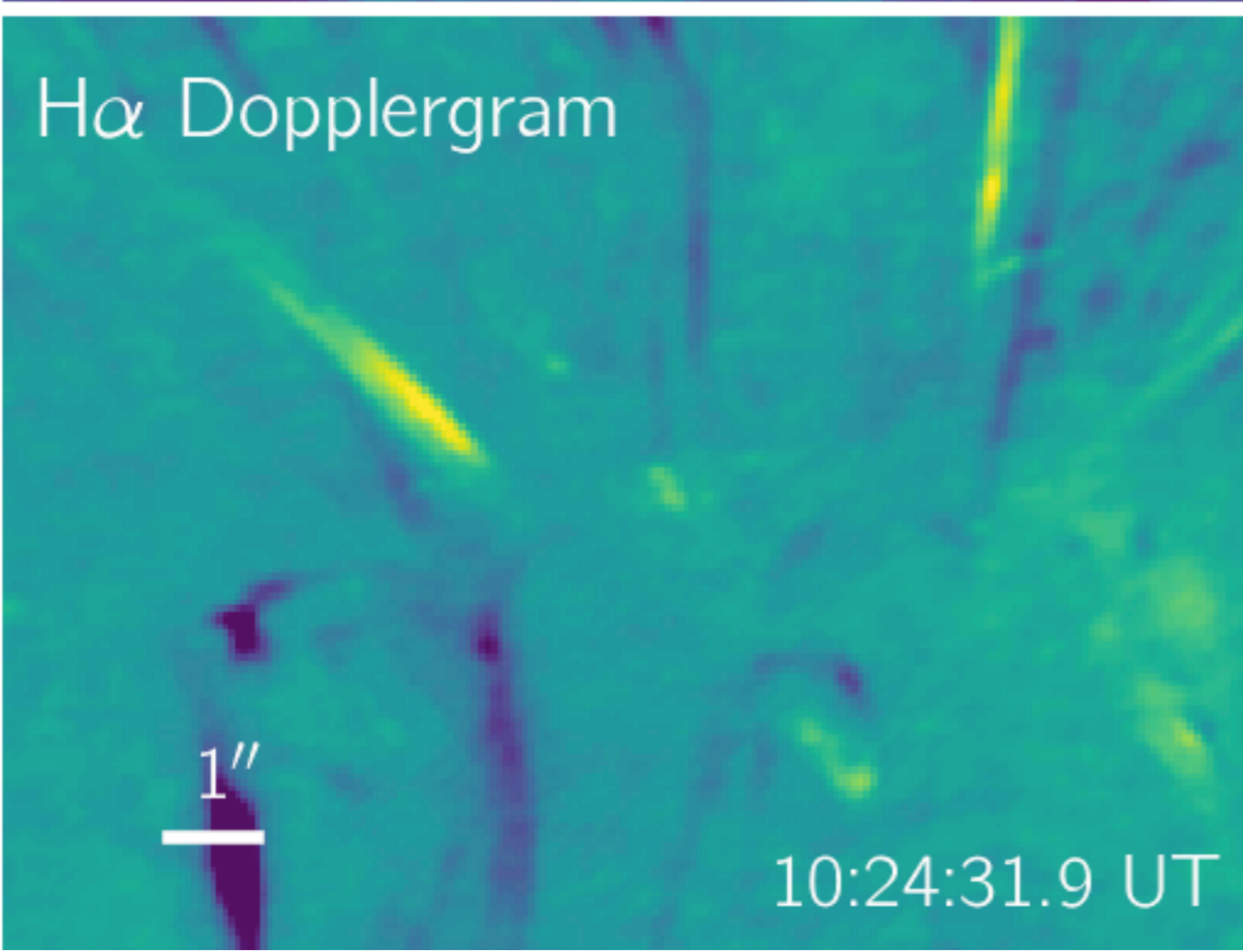
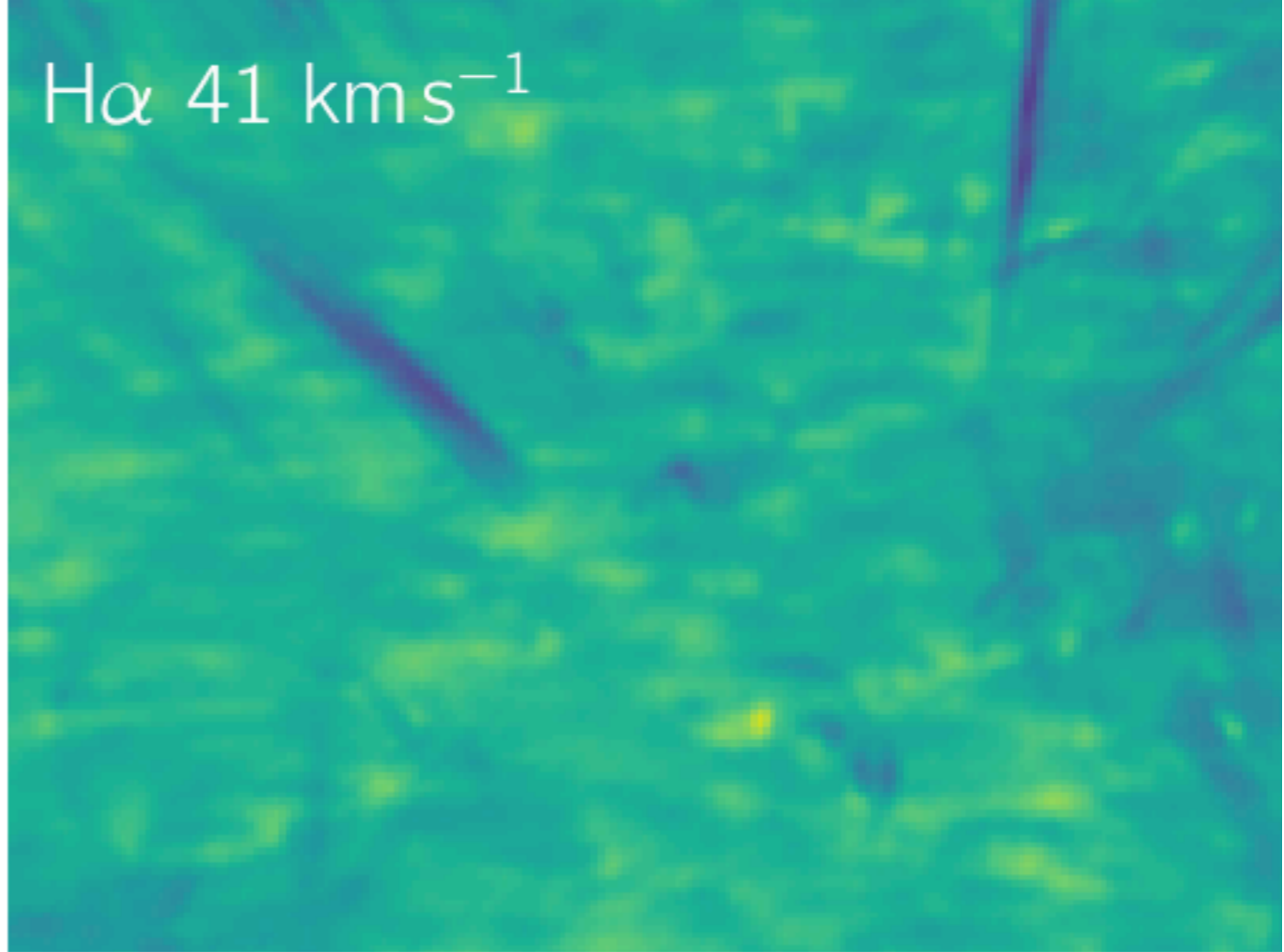
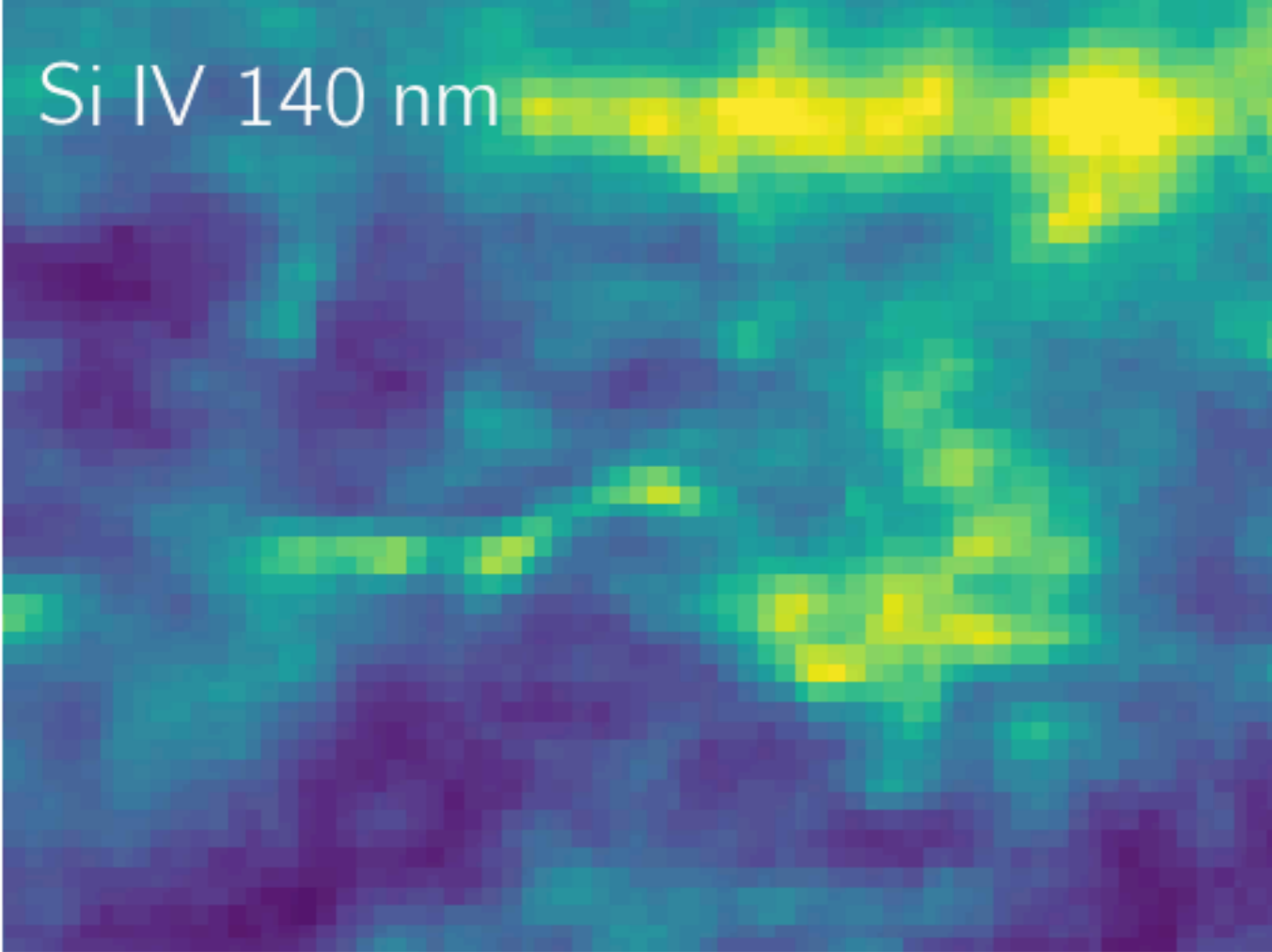


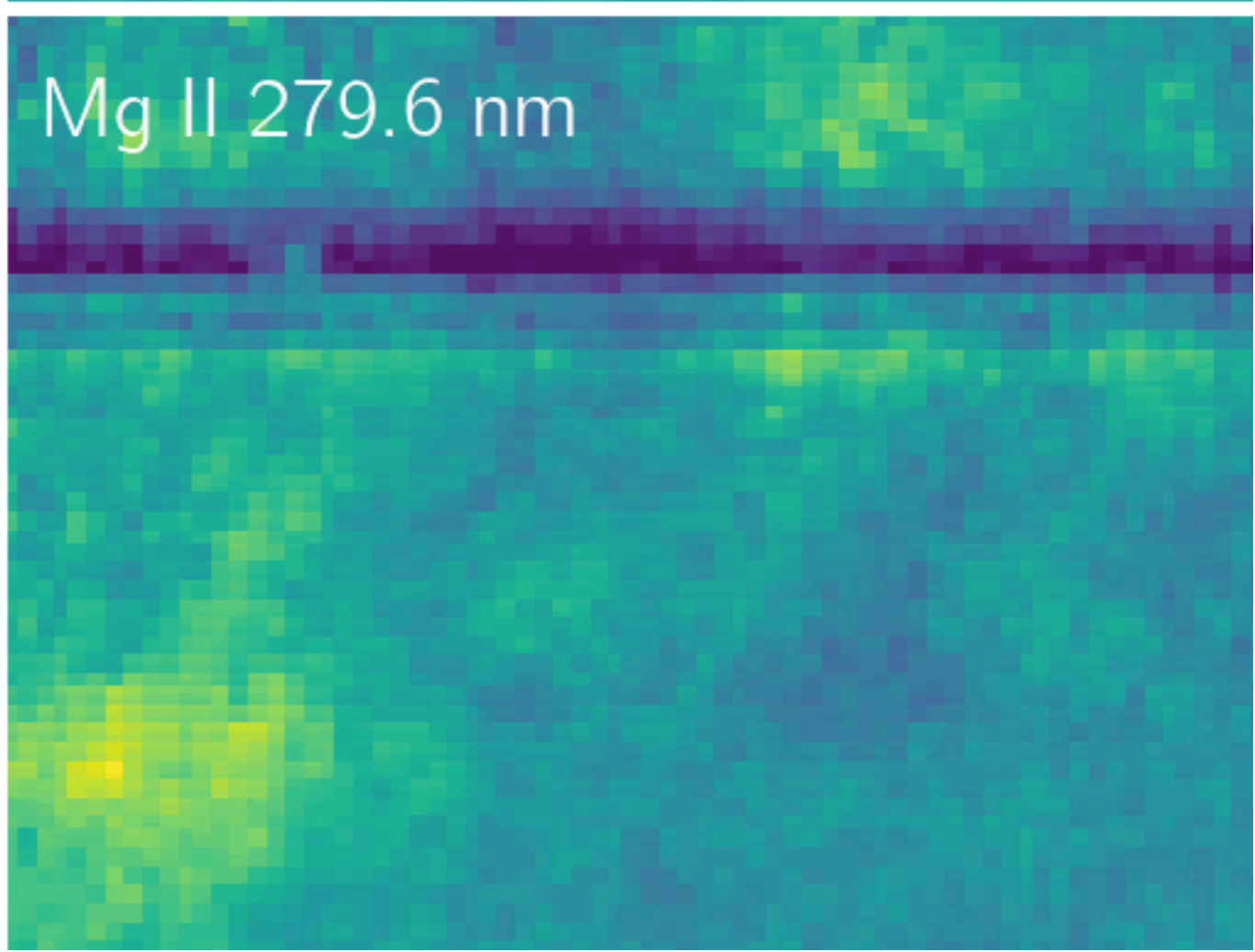
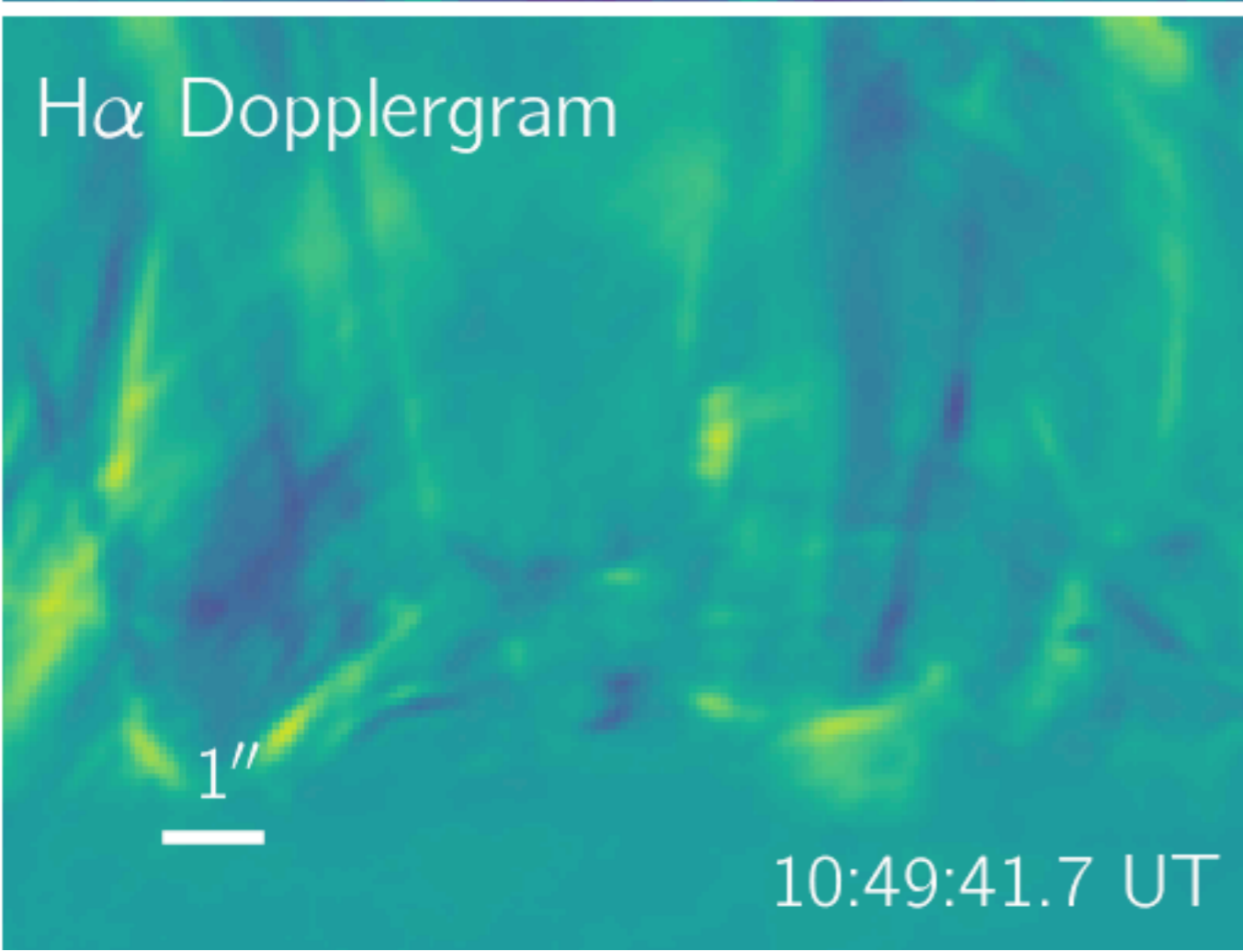
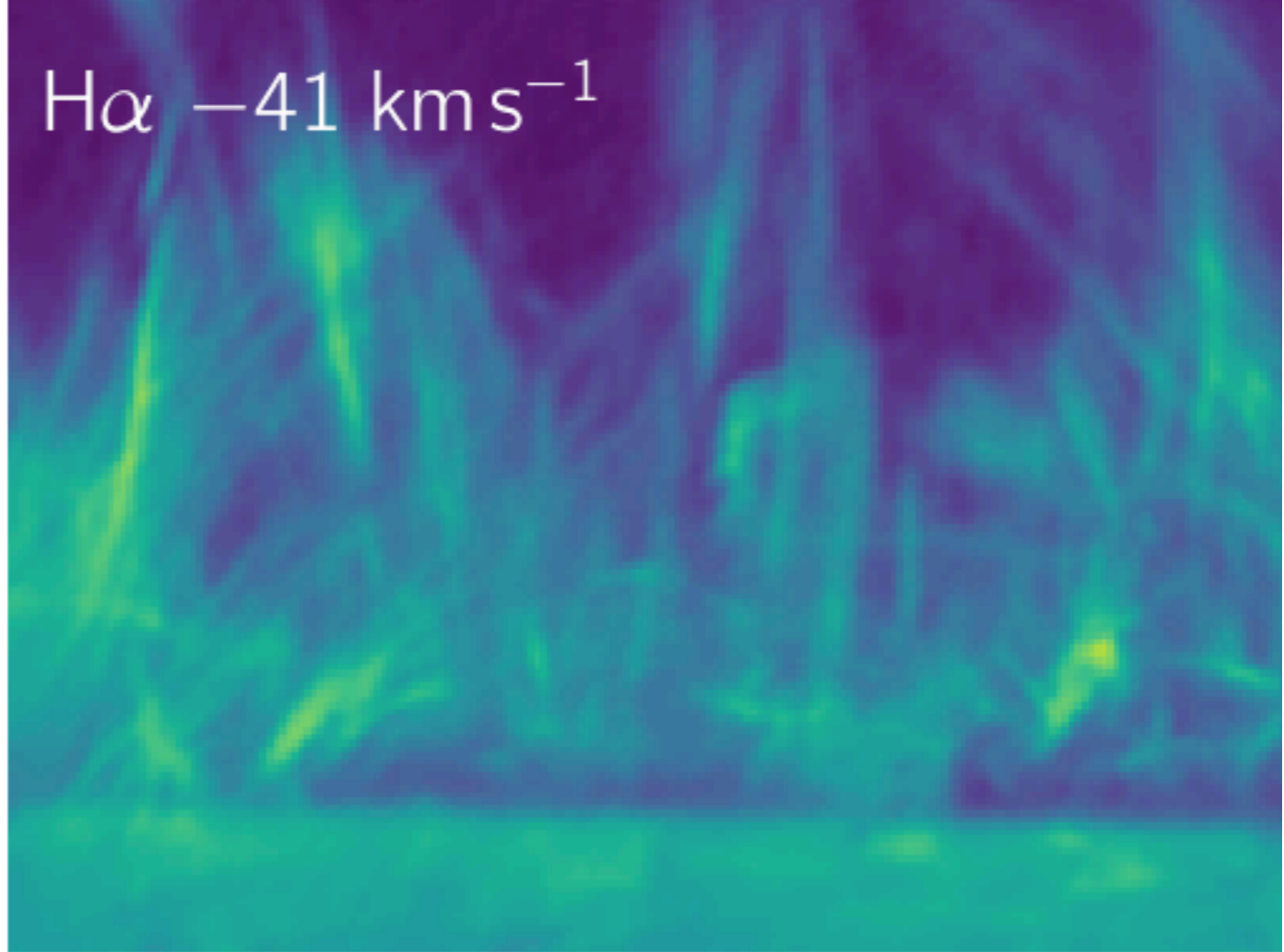
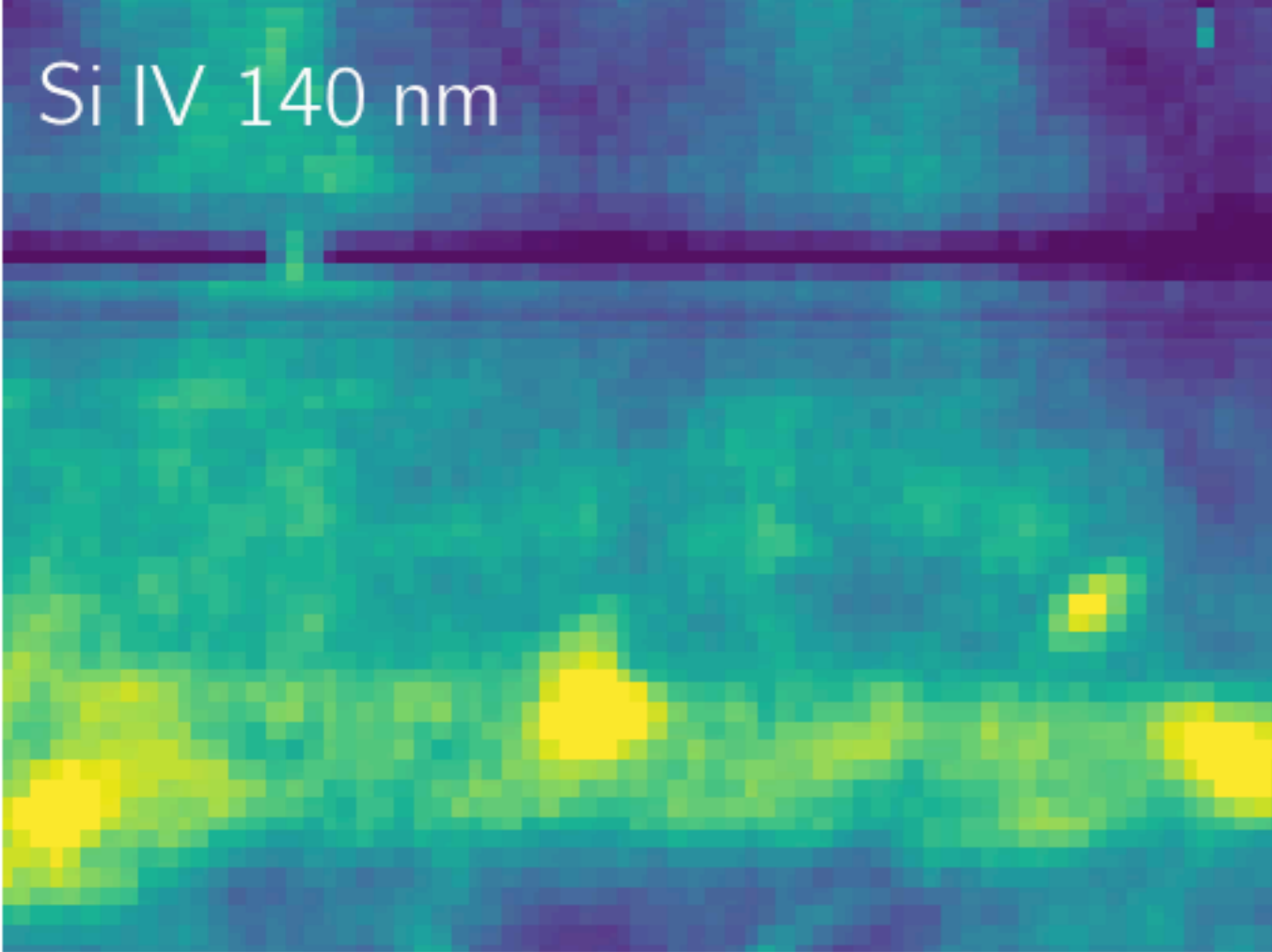












Findings (so far...)

- Little chromospheric response seen in low-lying loops (LLL)
- $H\alpha$ velocities show clearest response (but not always)
- LLL rooted in same footpoints as spicule bushes
- Hints of reconnection around LLL and shell of cooler material above TR loops sometimes ejected