

# Sept. 24, 2013 Prominence and Cavity

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Ariste

# Combine magnetic field data in prominence and cavity?

- THEMIS/MTR: Full Stokes Polarimetry of the He I D<sub>3</sub> line (5876 Å)
- COMP: Full Stokes polarimetry of Fe XIII (1074, 1079 Å) already implemented in FORWARD.

MEUDON OBSERVATORY

H $\alpha$  HELIOGRAPH

656.28 nm filter – 0.03 nm FWHM

2013-09-20T10:35:28

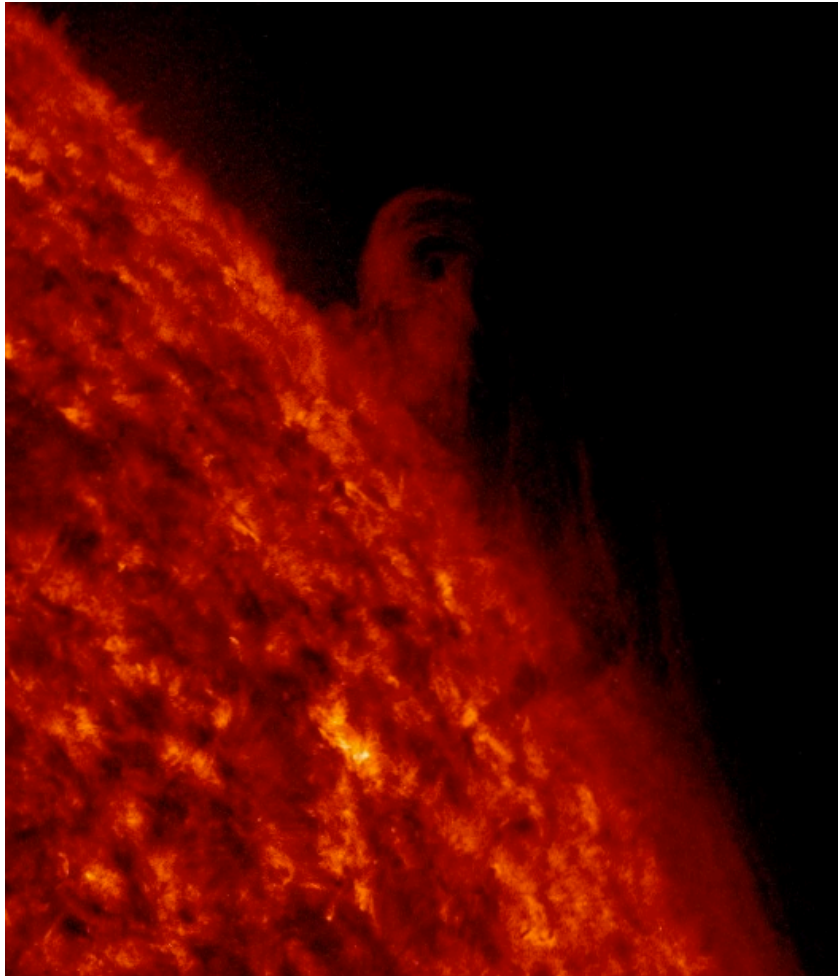
P = 24.9°

B = 7.1°

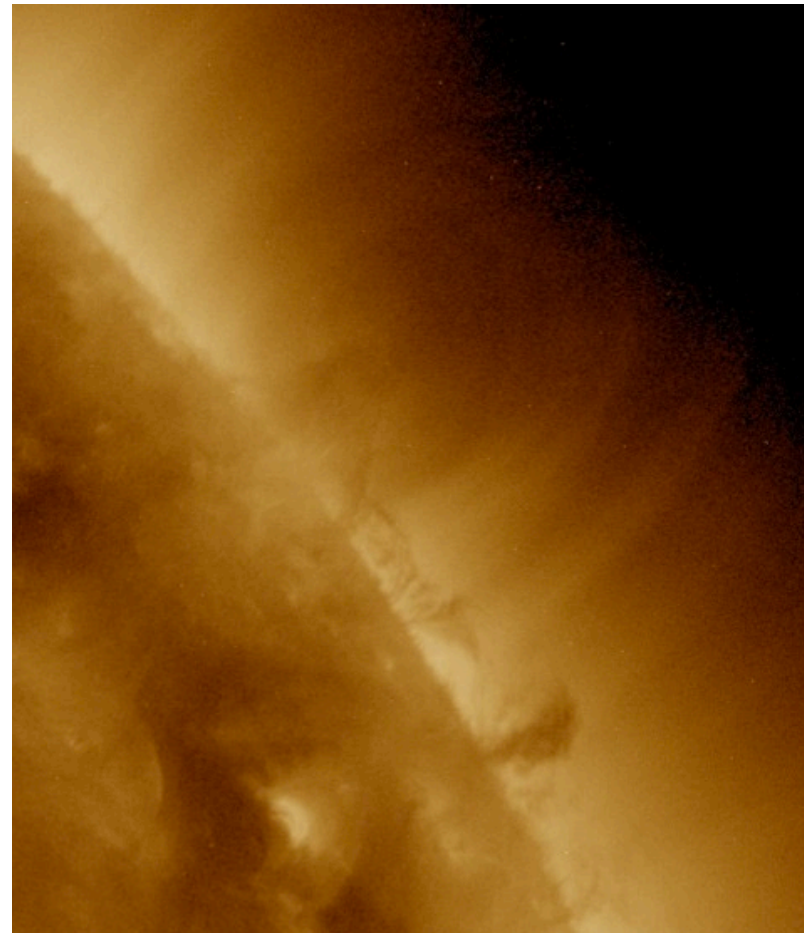


24 Sept 2013, SDO /AIA 304, SDO/AIA/193

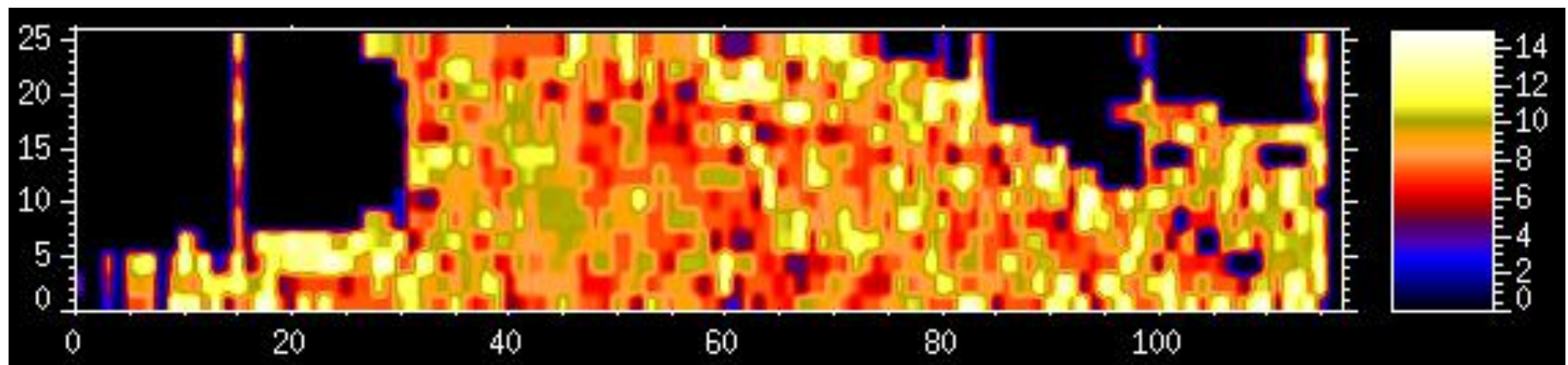
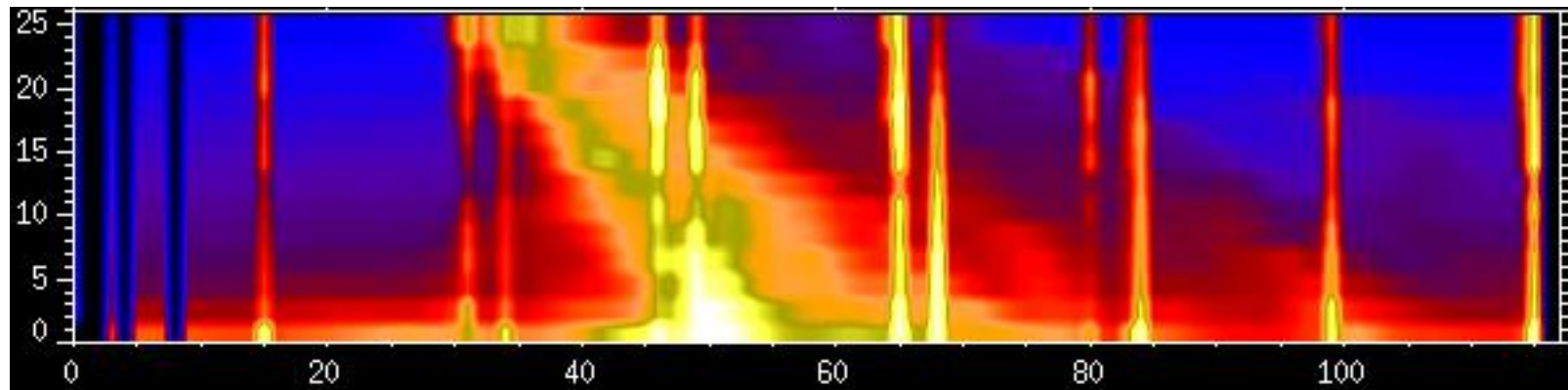
At 13:29



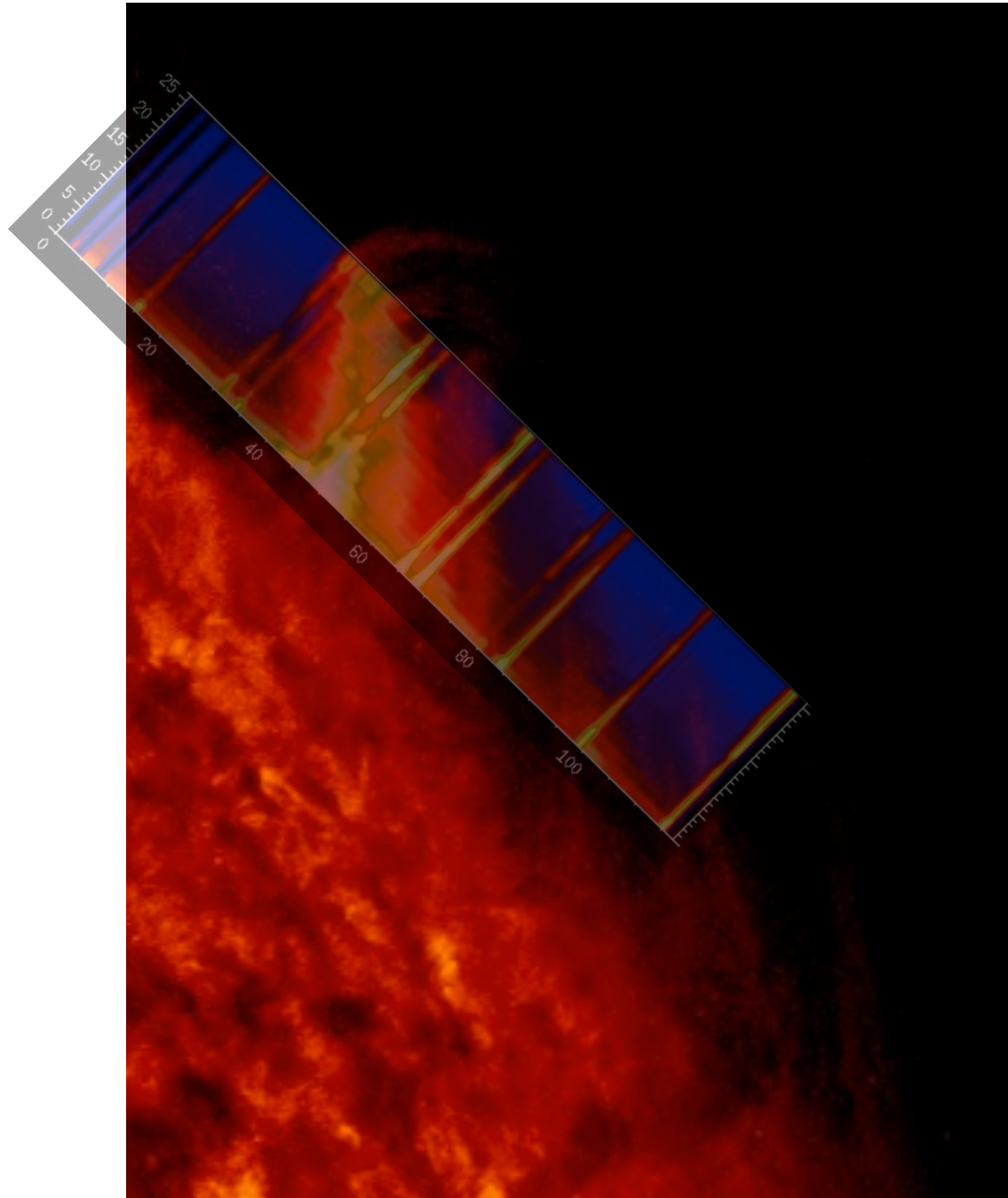
At 13:31



# THEMIS 24 Sept 2013

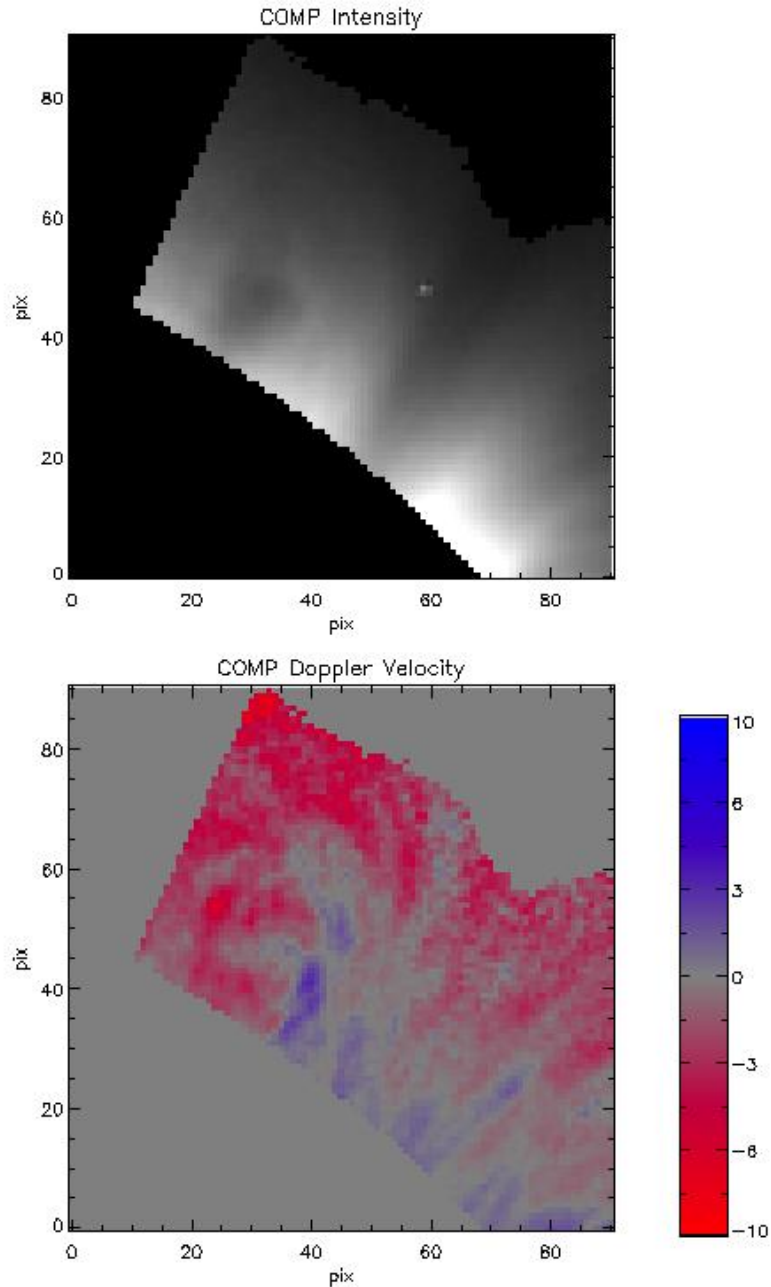


# He II 304/AIA



THEMIS He I D3





COMP  
polarimetry data  
available starting  
18:51 UT