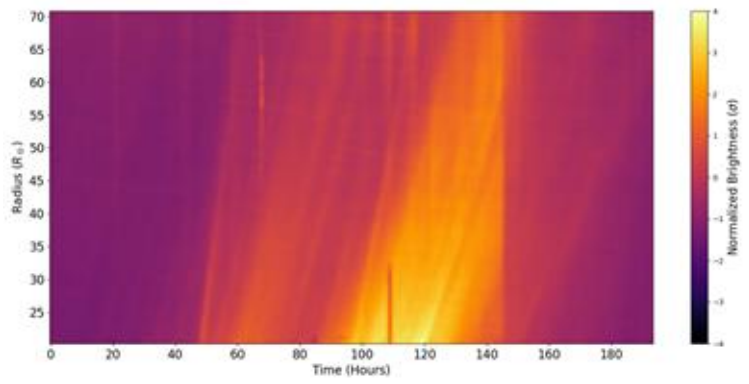
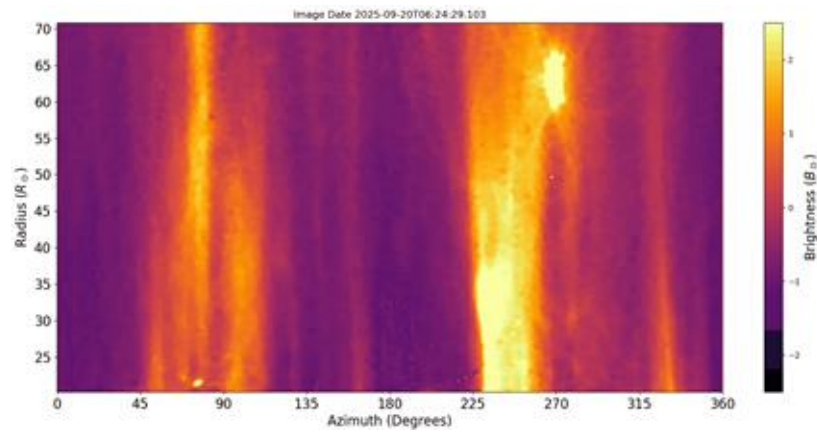
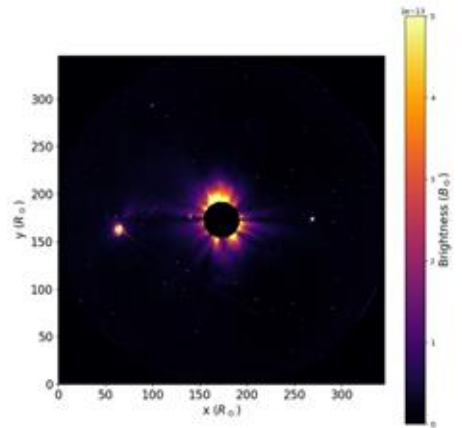


PUNChing Through the Alfvén Surface

Mateo Admire, Alison Crocker

Goal: Fourier filter PUNCH data to detect inbound motion.

- 8 days of v0k CAM data.
- Reprojected, percentile filtered, and normalized.



Along constant azimuth:

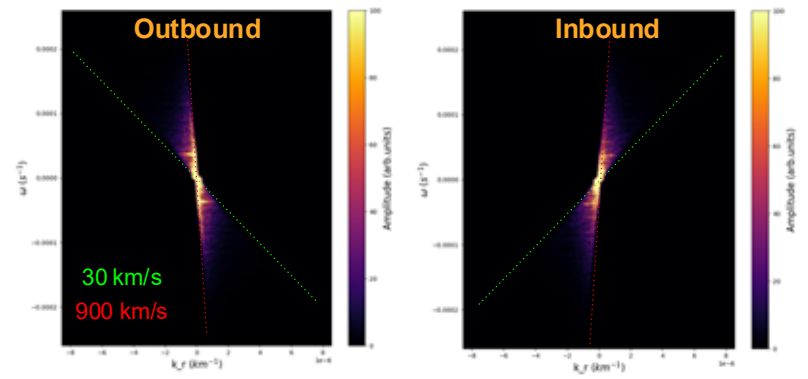
- Average across +/- 1 degrees.
- Gaussian blur ($\sigma=1$ px)
- Fourier Transform

PUNCHing Through the Alfvén Surface

Mateo Admire, Alison Crocker

In Fourier domain:

- Mask quadrant for inbound/outbound motion.
- Implement minimum and maximum speed filters.
- Inverse F.T.



Possible inbound features!
Separates motion (mostly) cleanly.

