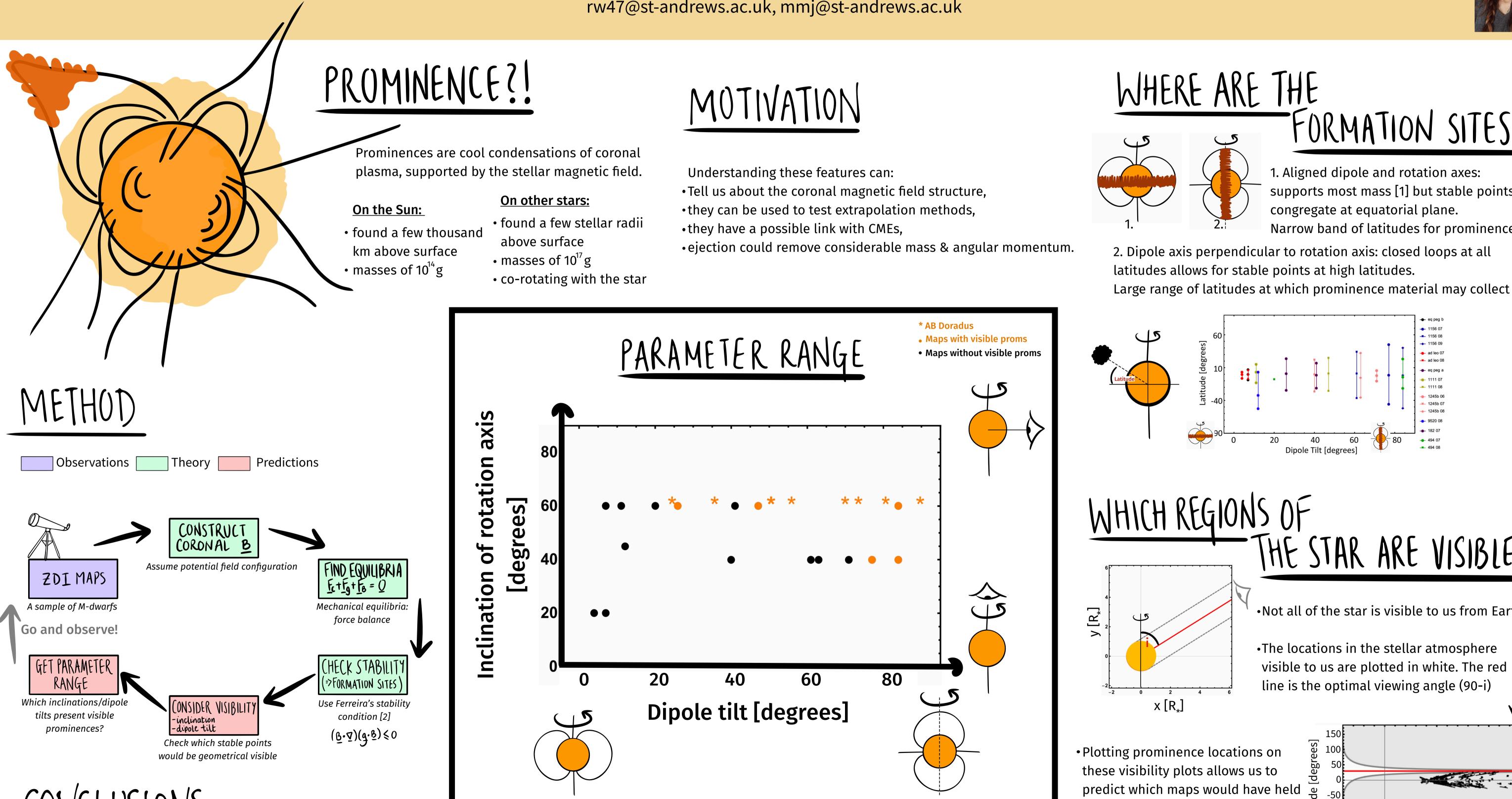
WHICH STARS CAN HOST OBSERVABLE PROMINENCES?

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CONCLUSIONS

- •Observed on only a few M-dwarfs but our models suggest they are likely to be common.
- Predict most will be missed by observations, due to their location and the geometry of the system.
- Stars with high inclinations and/or high dipole tilts present better odds for visible prominences.
- •AB Dor shows significant variation throughout its cycle for dipole tilt. Could other stars also show such variation? Could this allow for visible prominences at certain points in their cycle?

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FORMATION SITES?

1. Aligned dipole and rotation axes: supports most mass [1] but stable points congregate at equatorial plane. Narrow band of latitudes for prominences

THE STAR ARE VISIBLE?

•Not all of the star is visible to us from Earth.

•The locations in the stellar atmosphere visible to us are plotted in white. The red line is the optimal viewing angle (90-i)

observable prominences.

