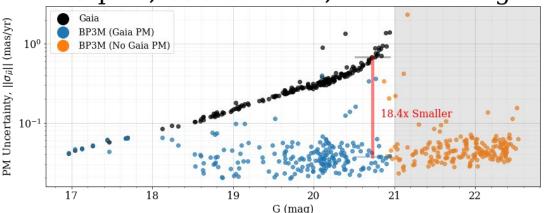
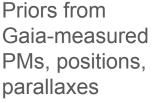
## **Combined-Telescope Astrometry**

Kevin McKinnon
Postdoc, UofT Department of Astronomy & Astrophysics

Sculptor, 396 Sources, 43 HST Images









Positions from Hubble images for likelihood



Simultaneously align Hubble images onto Gaia reference frame and measure improved motions

**GENERAL & EXTENSIBLE!** 

## BP3M Improvements & Next Steps

Working to build large catalogues of improved astrometry, especially for faint stars, to constrain the Milky Way history in high resolution

