VENETIA BURNEY STUDENT DUST COUNTER OCT, 2023 STM





Alex Doner, Mihály Horányi



Laboratory for Atmospheric and Space Physics University of Colorado **Boulder**



Outline



RecapDataDiscussion



Data at a glance







Background: ISD/IDP





Flux Plots







Flux Plots





Flux Smaller AU Bin







Discussion



3 Primary Discussions:

- Outer/Extended Kuiper Belt
- Radiation Pressure Effects
- Composition Effects



Parent Body Dist.



9





Rad. Pressure





Composition (H₂O)





P









Extra Slides



Density Plots





Particle Release





ASP

Çj



SDC Layout



2 Channels (A & B)- 6 Science Detectors- 1 Reference Detector



Data to date: Flux Plots

LASP

G



