

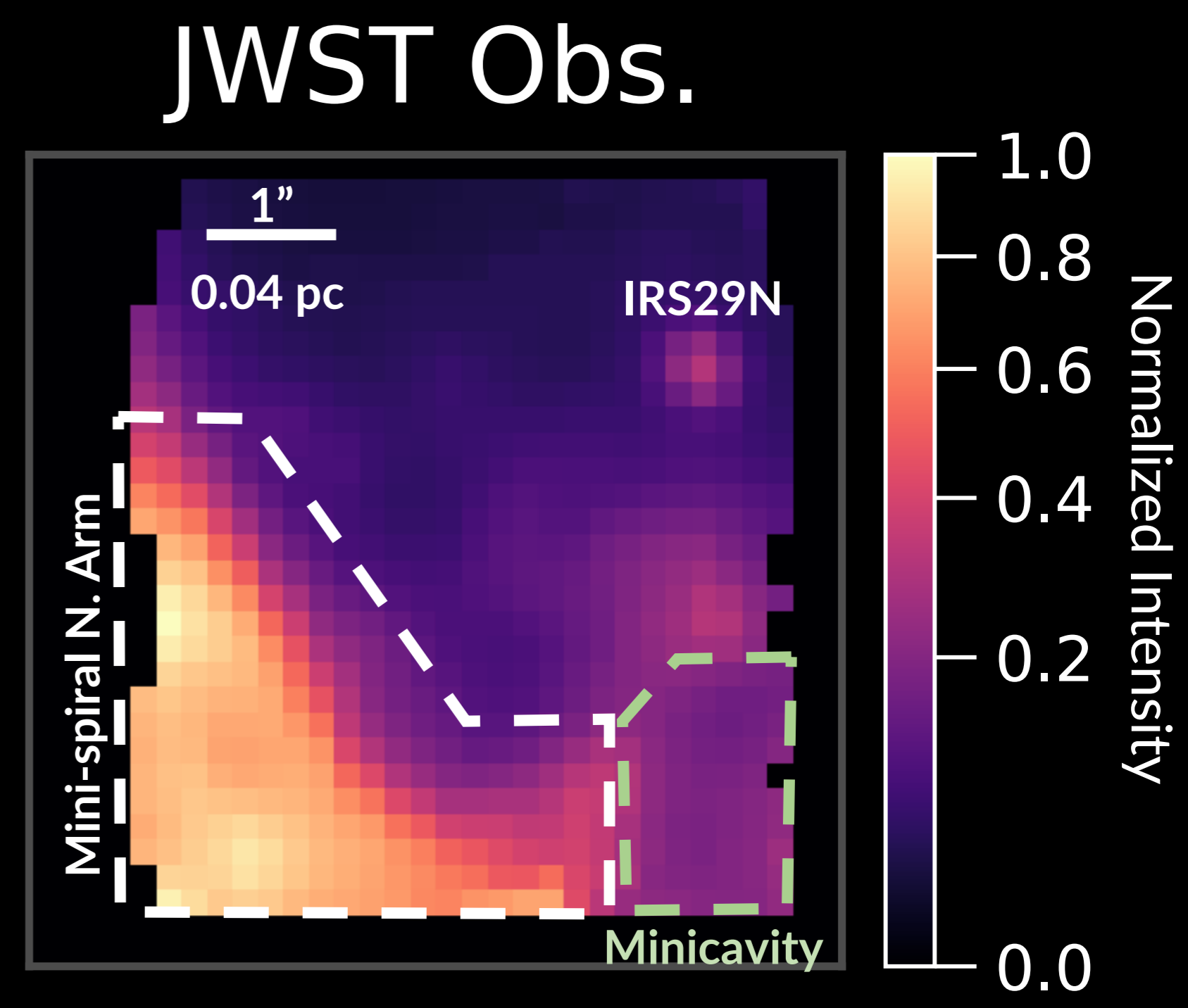
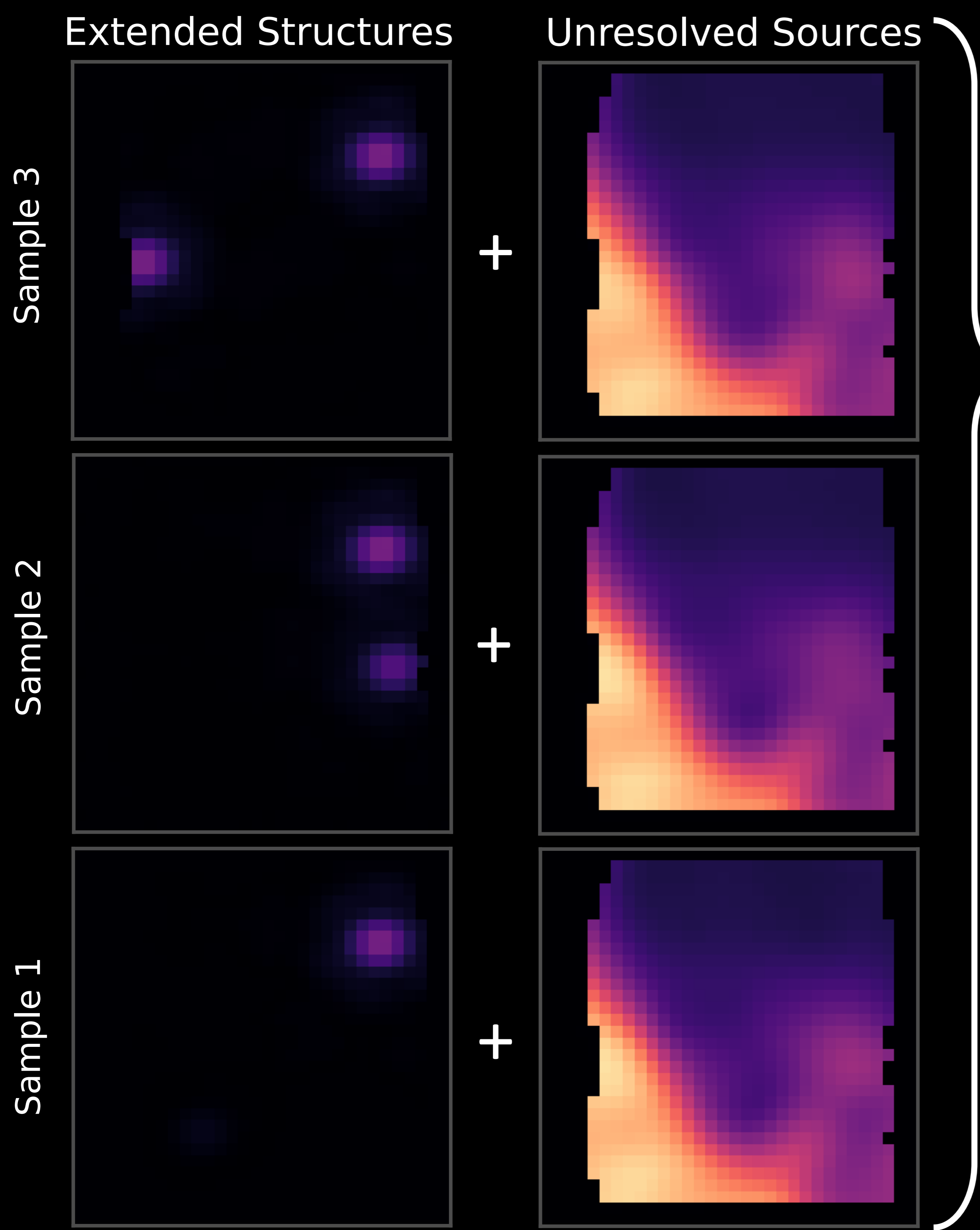
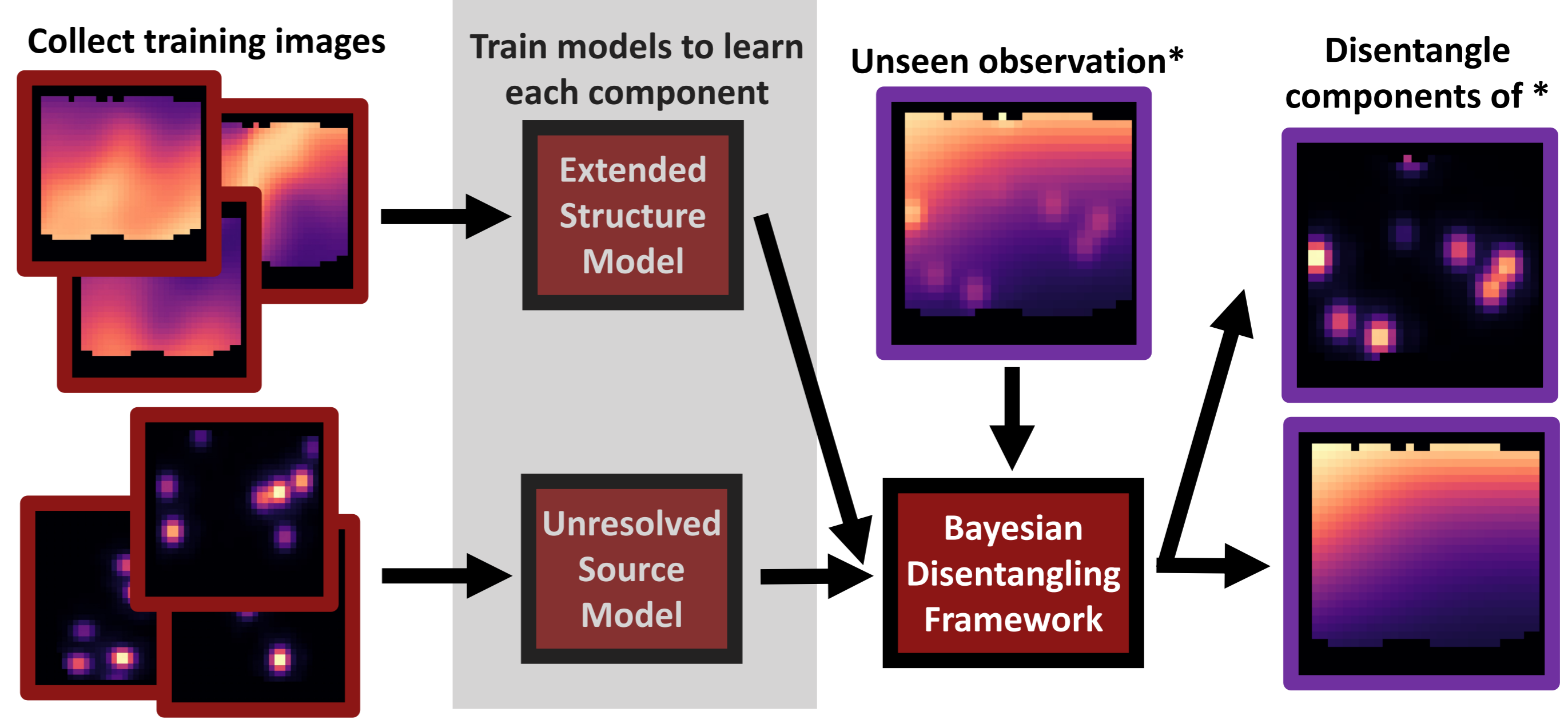
# Disentangling Observations of the Galactic Center with Generative Machine Learning



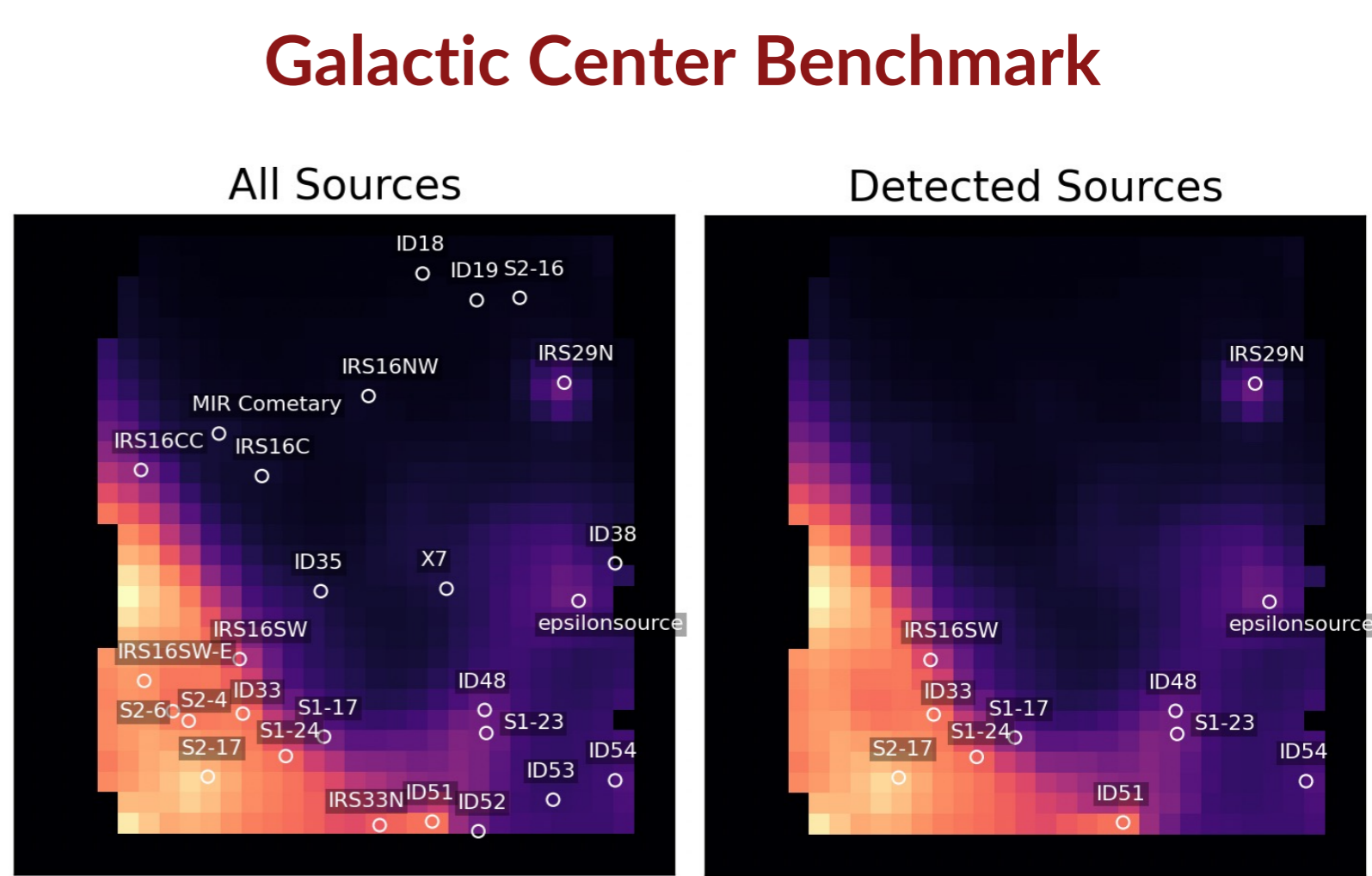
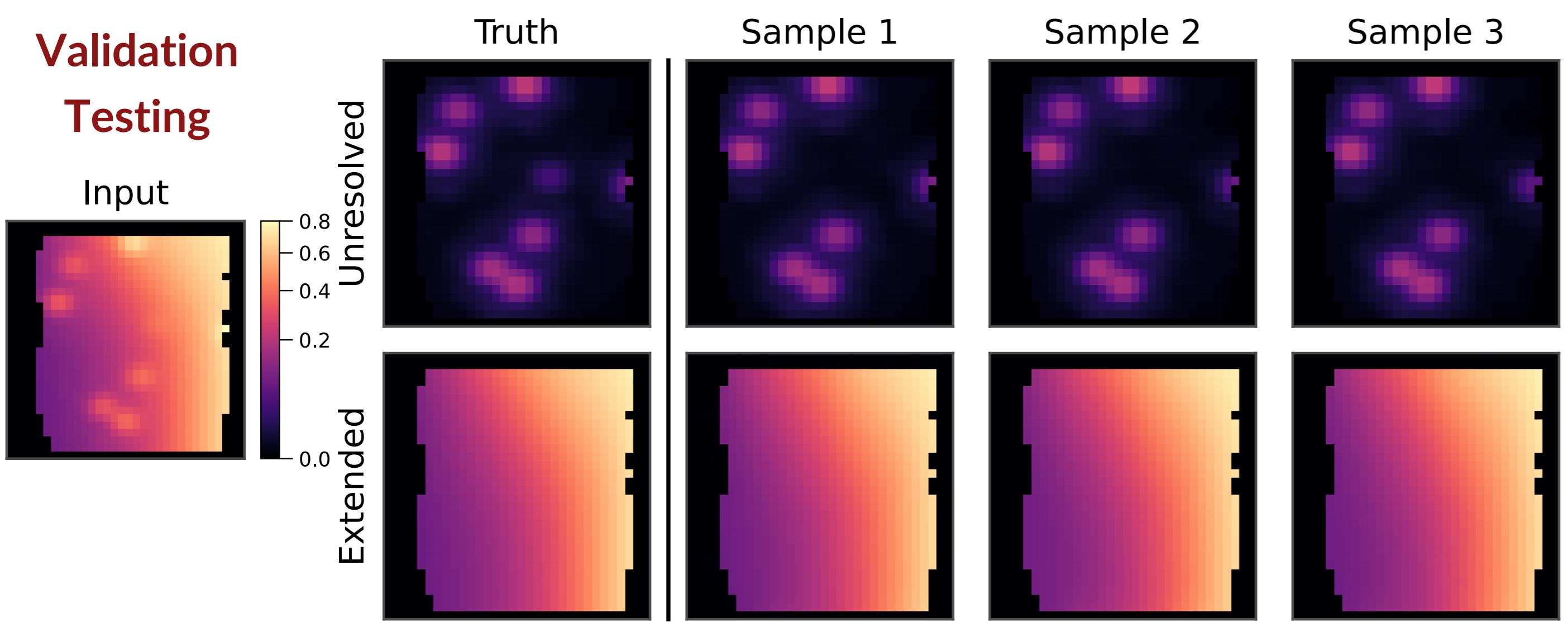
PRESENTER:  
Zach Sumners  
McGill University



- Difficult to observe Sagittarius A\* (Sgr A\*) through Galactic Center gas/structures.
- Develop a data-driven component separation framework to isolate Sgr A\*.



Separating physically distinct components of JWST MIRI Sgr A\* observations with machine learning.



M.Sc. looking for industry roles in data science and/or machine learning starting Fall 2026! [ronald.sumners@mail.mcgill.ca](mailto:ronald.sumners@mail.mcgill.ca)

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