

Pipeline level 3  
products

JWST  
Image

JWST  
Image

JWST  
Image

HST  
Image

ALMA  
Image

Spitzer  
Image

Herschel  
Image

JWST level  
4 catalogs

Other catalogs  
Spitzer,  
ALMA, HST ...

Apply  
Masks

Remove  
Gradients

Measure  
Noise

Apply  
Masks

Align  
Images

Construct  
PSF matching  
kernels

Inspection,  
sanity checks  
everywhere

Insert  
Artificial  
Sources

Point- and extended-  
source detection

Multi-band  
profile-fitting  
photometry

Characterize  
completeness  
& bias

YSO Models

Compare to  
YSO model grid

YSO  
classification

Estimate spatial &  
stage distributions  
and  
Derive timescales  
for star formation

