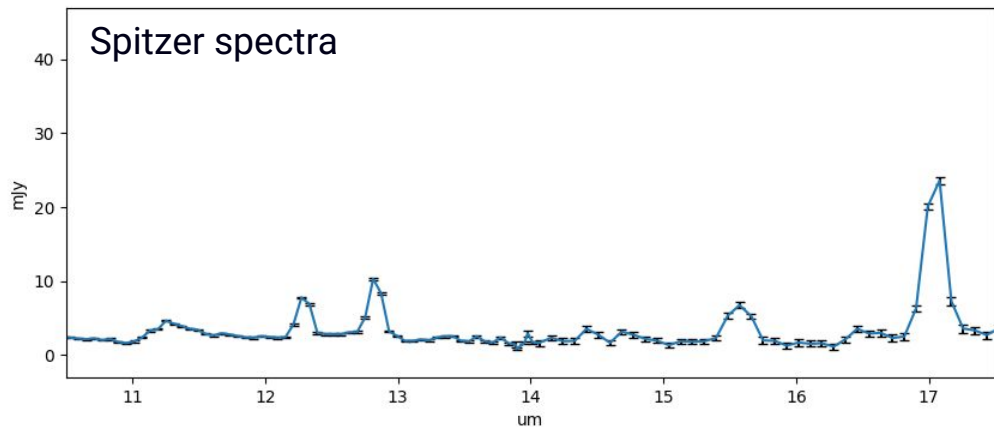


Dynamics of Ionized Gas Near the AGN

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Spitzer spectra



- MIRI & MRS data on sample of BCGs
- Starting from Spitzer in ~2011 with only one spectrum, now have spectra per pixel
 - ◆ Better resolved lines, more sensitivity, new features
- Want to explore dynamics of ionized gas & rotationally excited H_2 near the AGN
- CLOUDY: tell us about recombination lines and forbidden emission lines in each BCG

Example JWST spaxel

