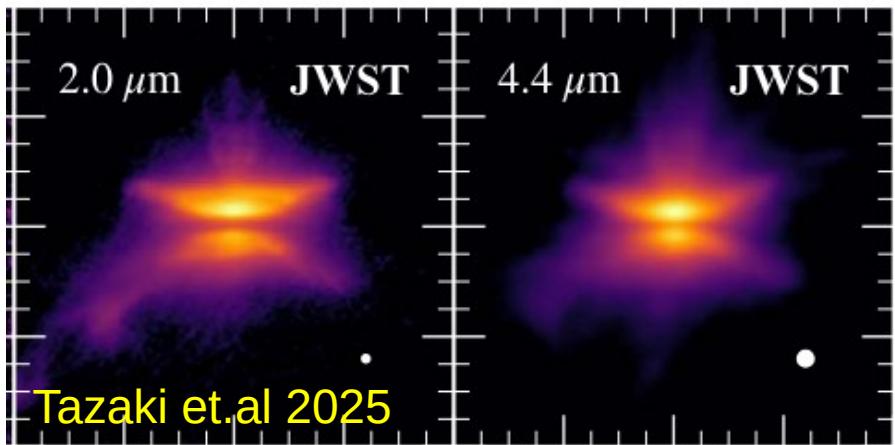
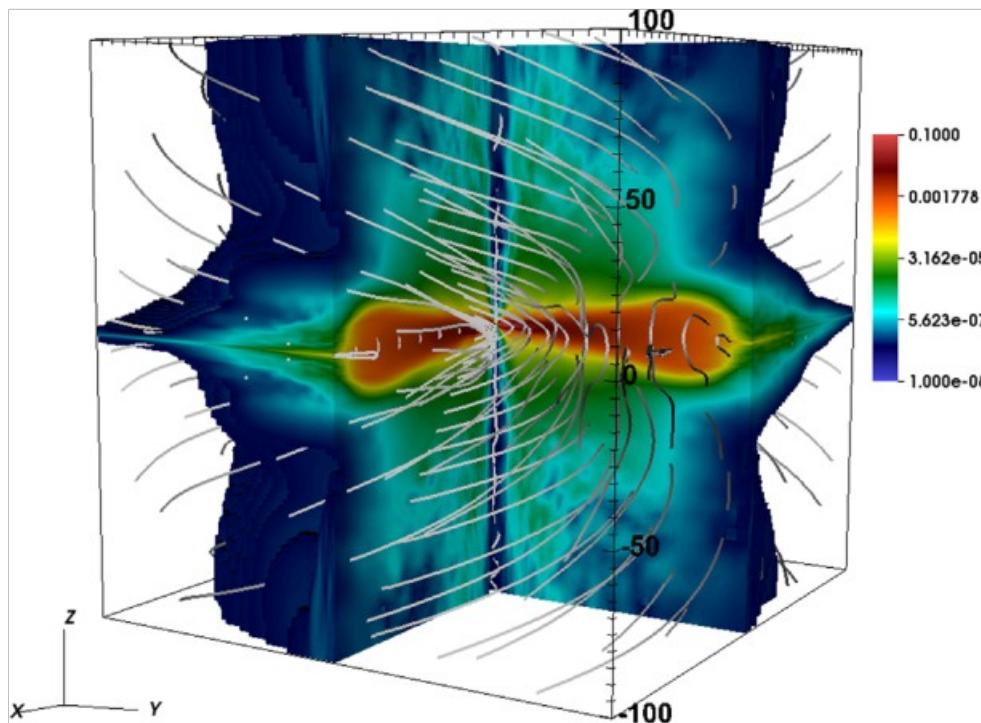


HH 30 Jet-disk NIRSpec IFU Spectroscopy



MHD disk-wind simulation



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Sheikhnezami & Fendt et.al 2015 APJ



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Class I/II Jets with JWST: Mass-loss Rates, Asymmetries, and Binary-induced Wiggles

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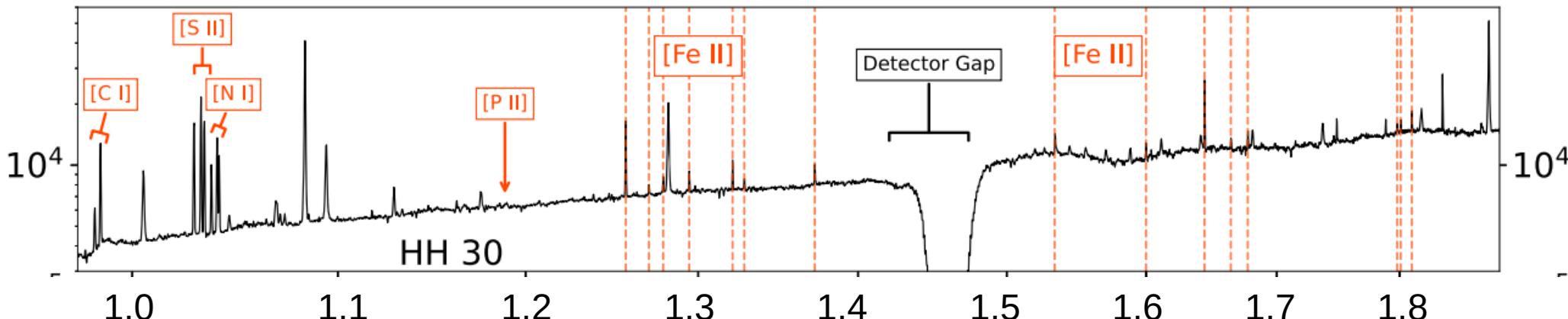
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⁴ Observatoire de Paris - PSL University, Sorbonne Université, LERMA, CNRS, Paris, France

⁵ Univ. Grenoble Alpes, CNRS, IPAG, Grenoble, France

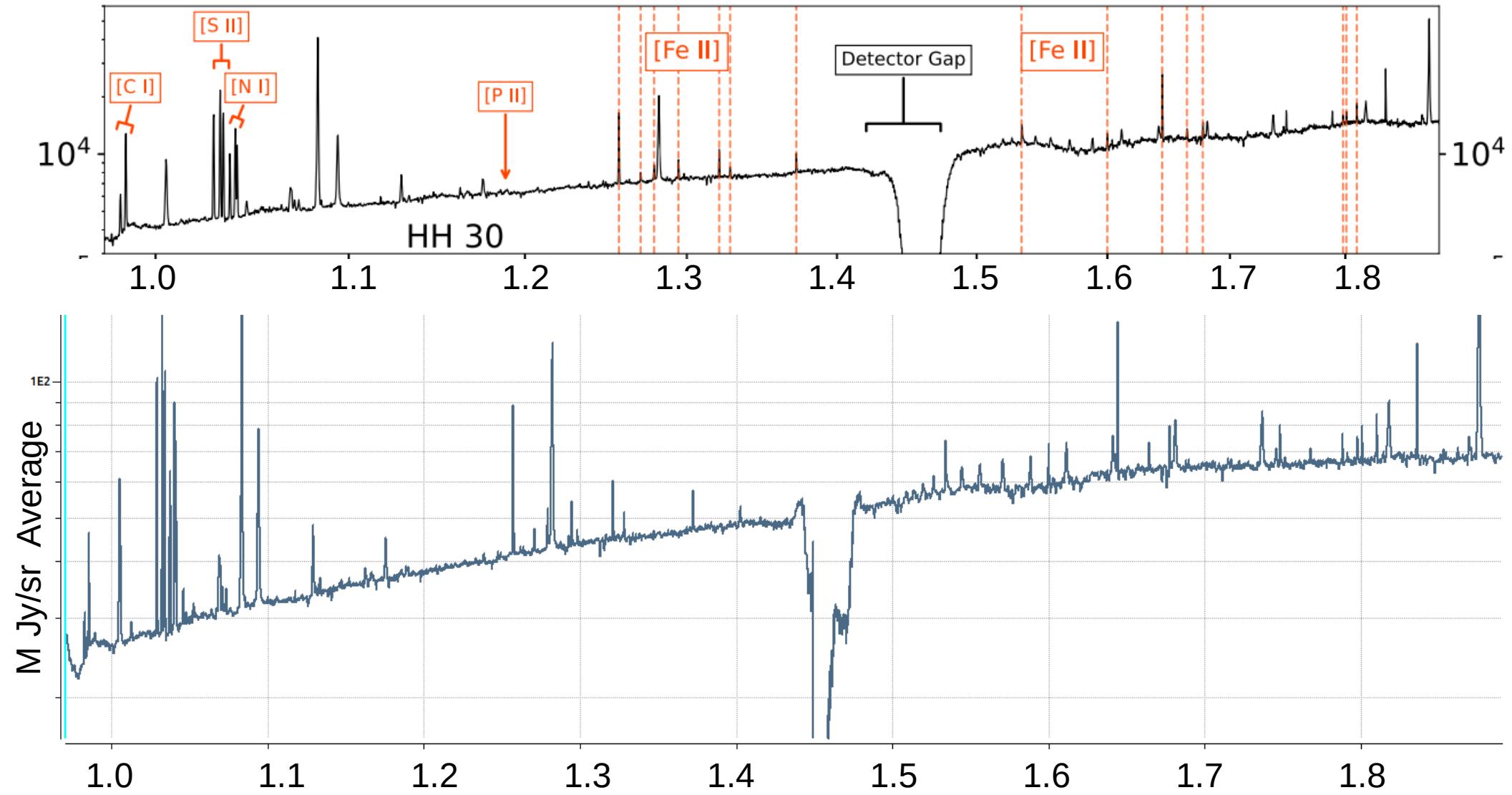
HH30: An edge-on proto-planetary disks that exhibit clear signatures of MHD disk winds

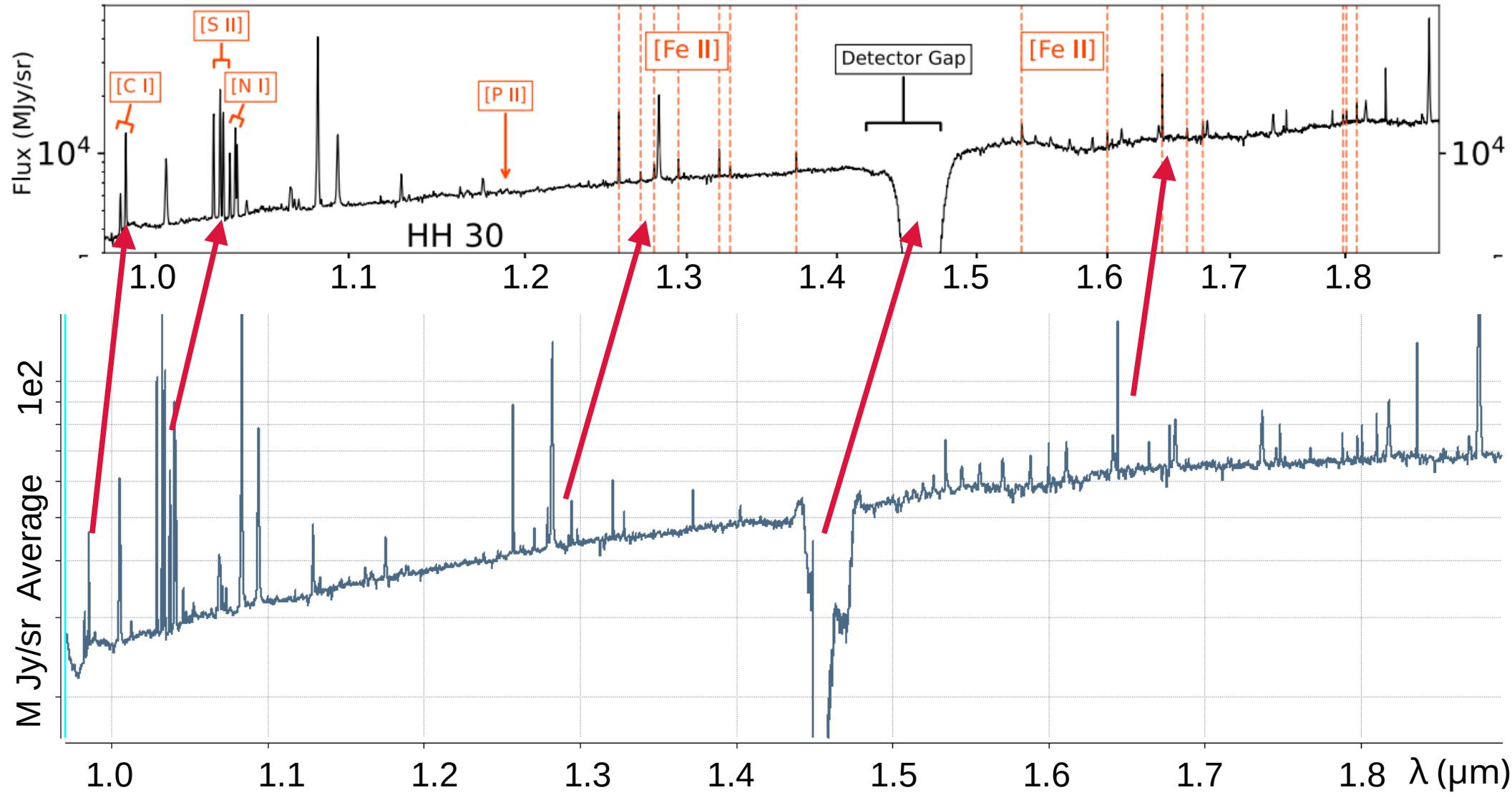


HH 30 Jet-disk

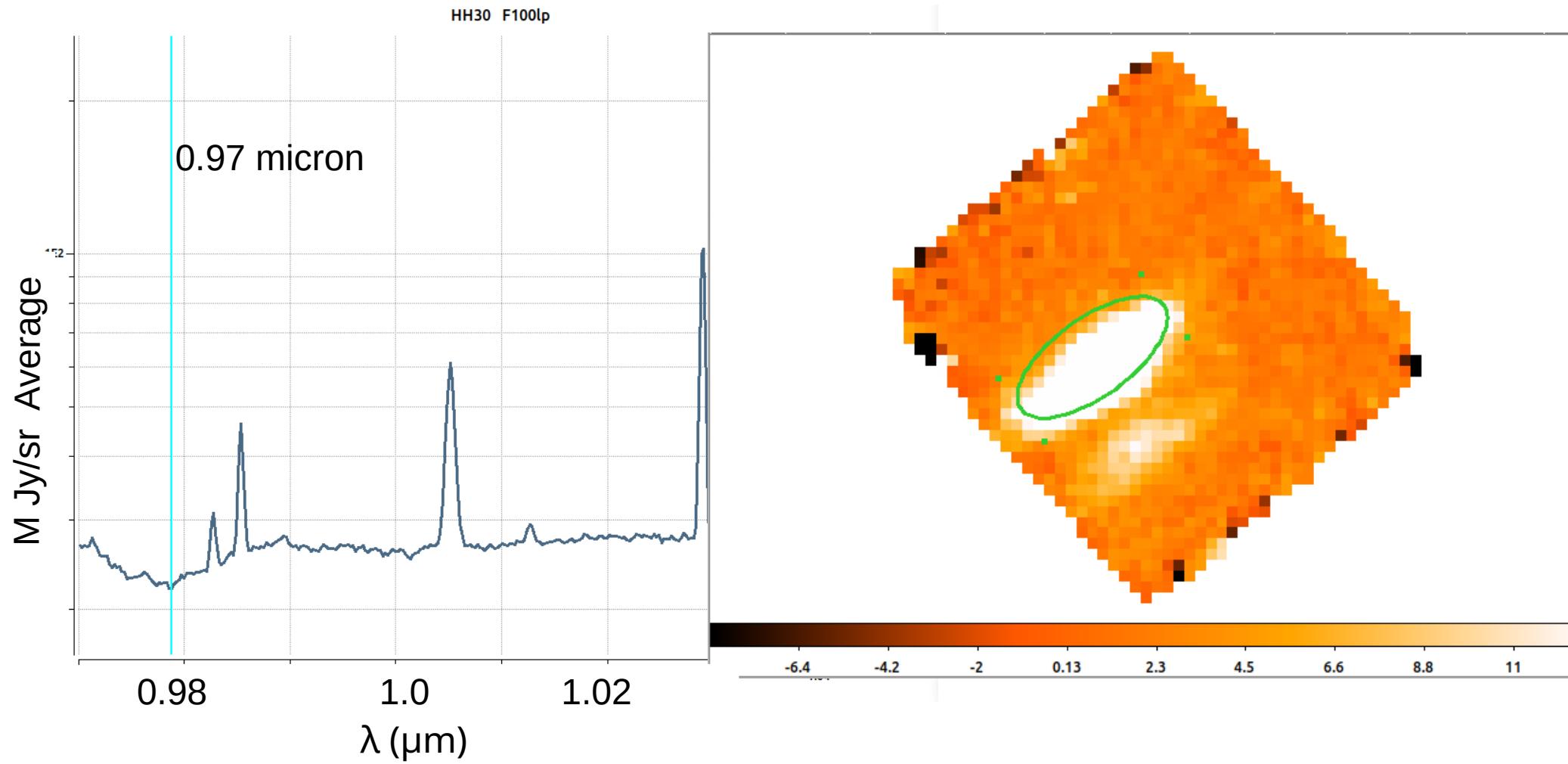
NIRSpec IFU Spectroscopy

- G140H/F100LP: High-resolution grating, short wavelength ($\approx 1.0\text{--}1.8 \mu\text{m}$)
- G235H/F170LP: High-resolution, mid-range ($\approx 1.7\text{--}3.1 \mu\text{m}$)
- G395H/F290LP: High-resolution, long wavelength ($\approx 2.9\text{--}5.3 \mu\text{m}$)

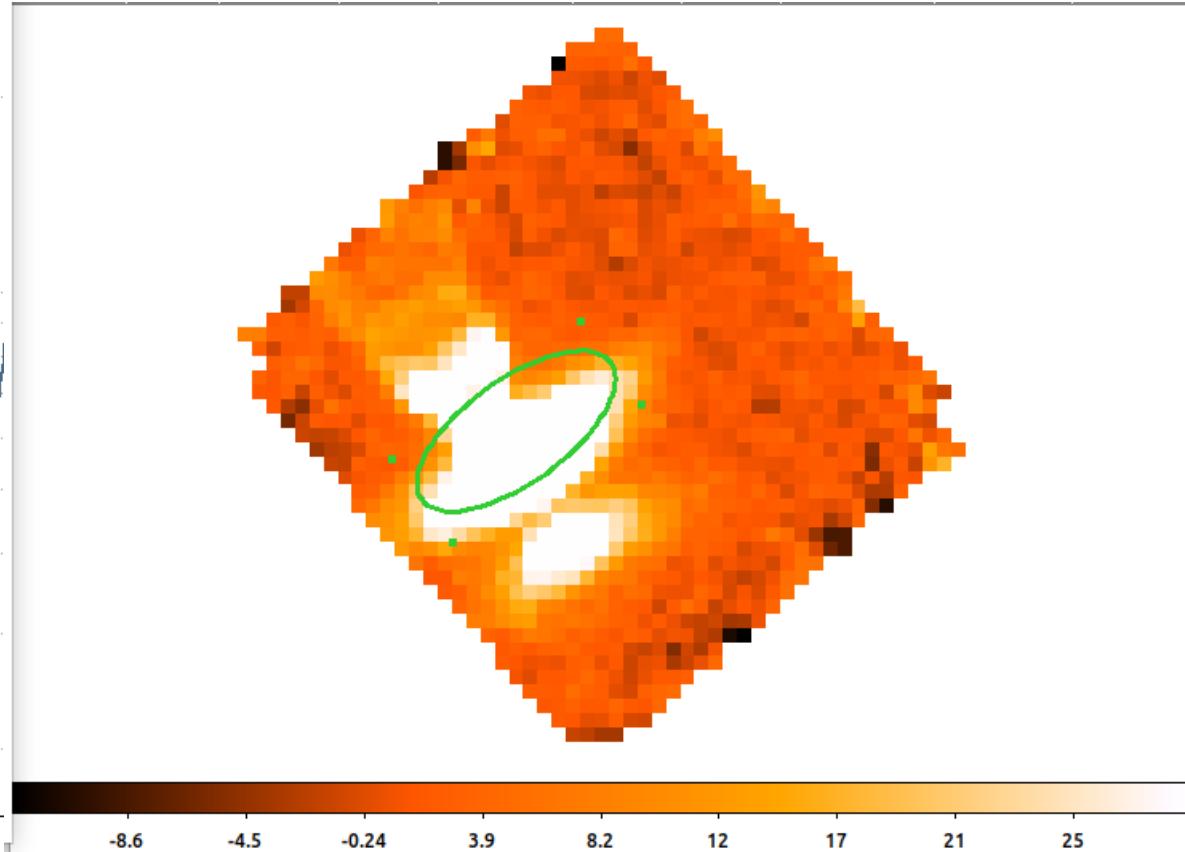
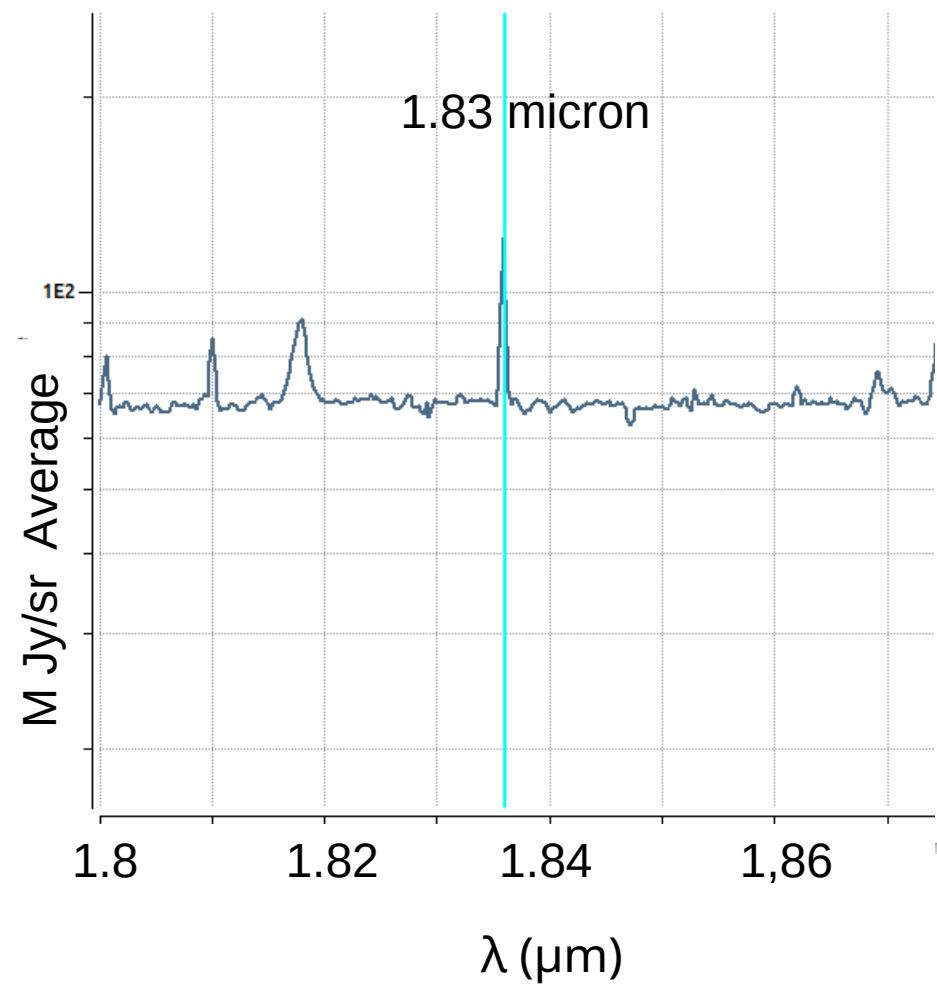




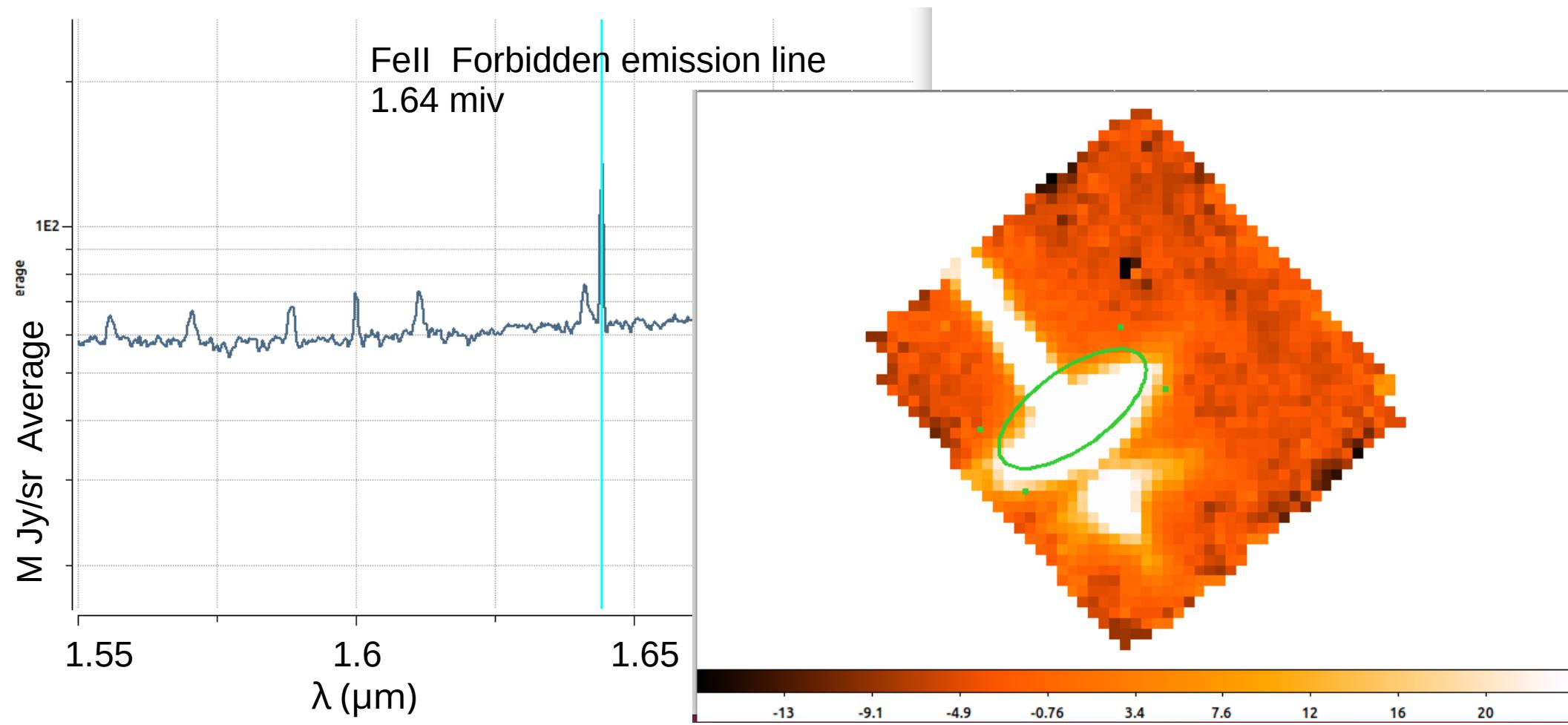
HH30: An edge-on protoplanetary disks that exhibit clear signatures of MHD disk winds



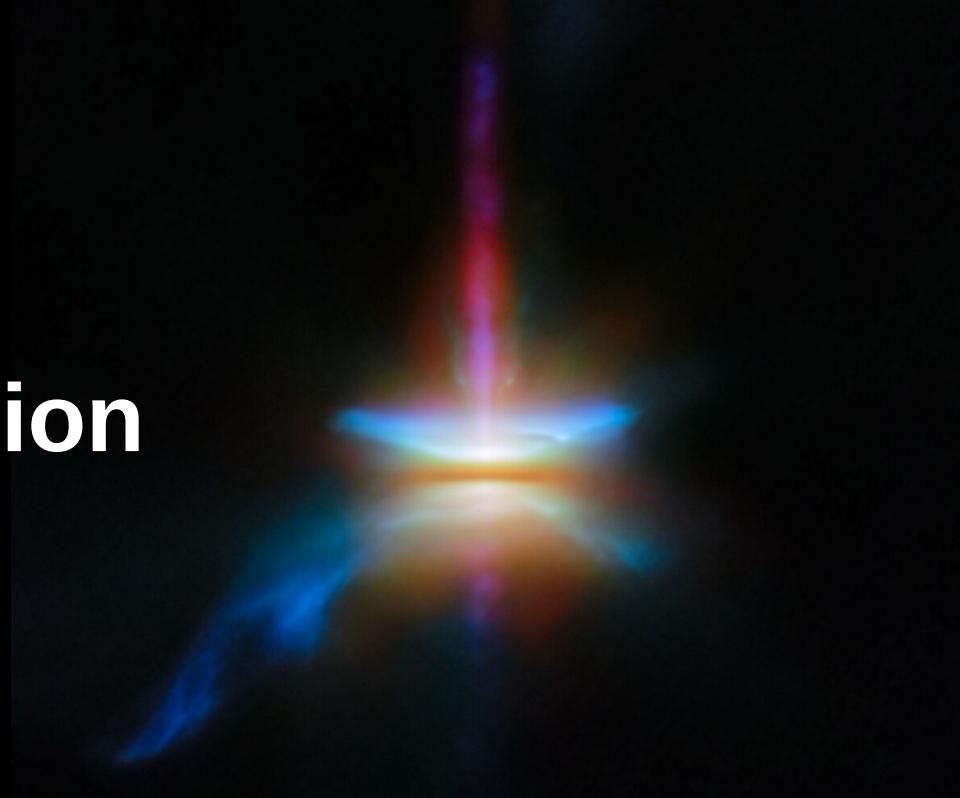
HH30: An edge-on protoplanetary disks that exhibit clear signatures of MHD disk winds



HH30: An edge-on protoplanetary disks that exhibit clear signatures of MHD disk winds



Thanks For your Attention



HH 30 (MIRI & NIRCam image)