

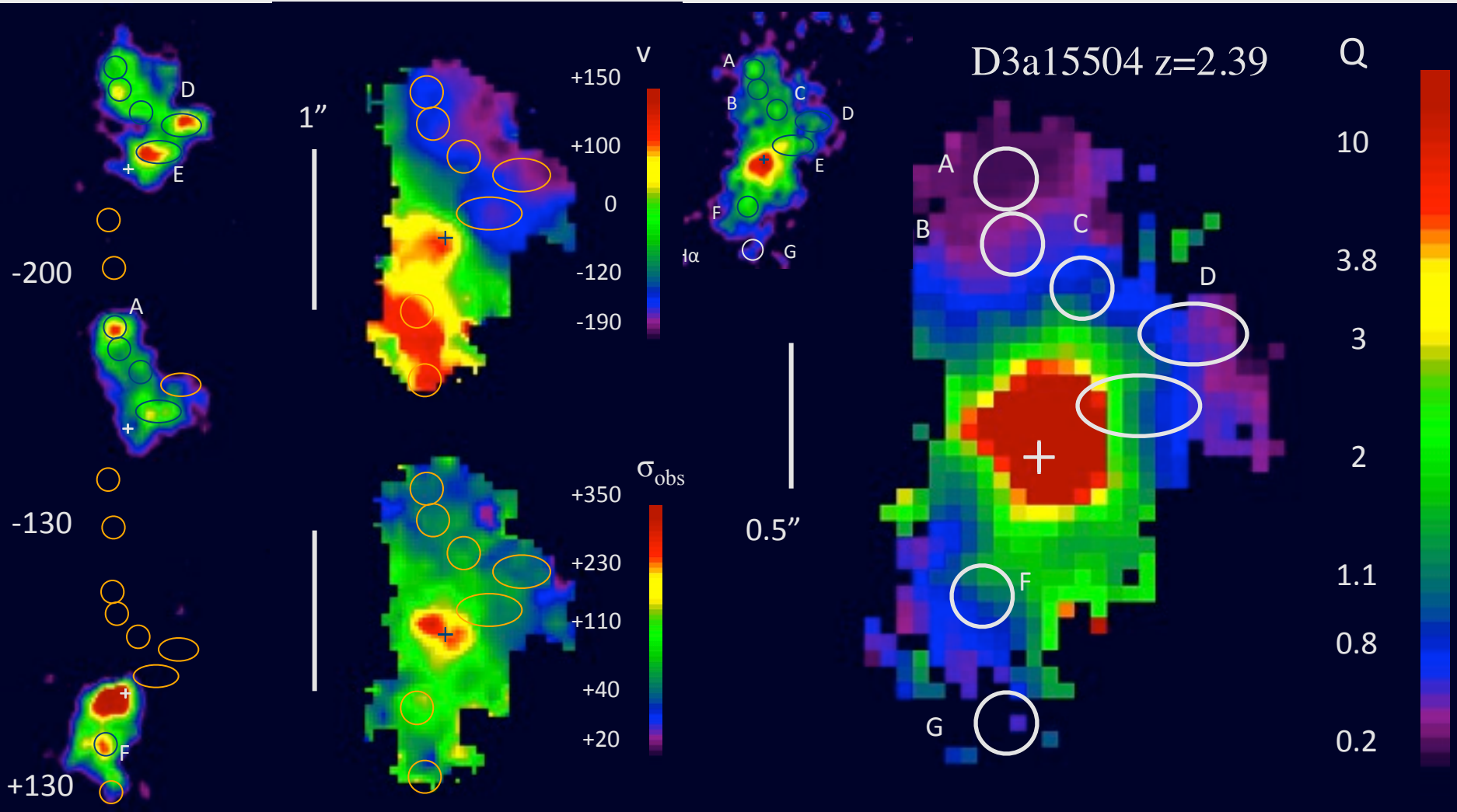
Instrument comparison between HST and JWST

	HST	JWST
No. Cameras (total imaging pixels)	11 (36M)	5 (46M)
Coronagraphs	1	3
Spectroscopic slits	12	6
IFU	-	5
Multi-Object Spectrograph	-	~100 slits
Tuneable Filter (pixels)	-	1 (4M)

unlike Hubble, JWST is predominantly a spectroscopic observatory - and the data will be complicated



2010 - Facility class Adaptive Optics fed Integral Field Unit spectrograph on the VLT



“For the first time one can study the internal structure, star formation processes, kinematics and feedback on the Kpc scale at $z = 2.4$ ”

Genzel et al. 2011