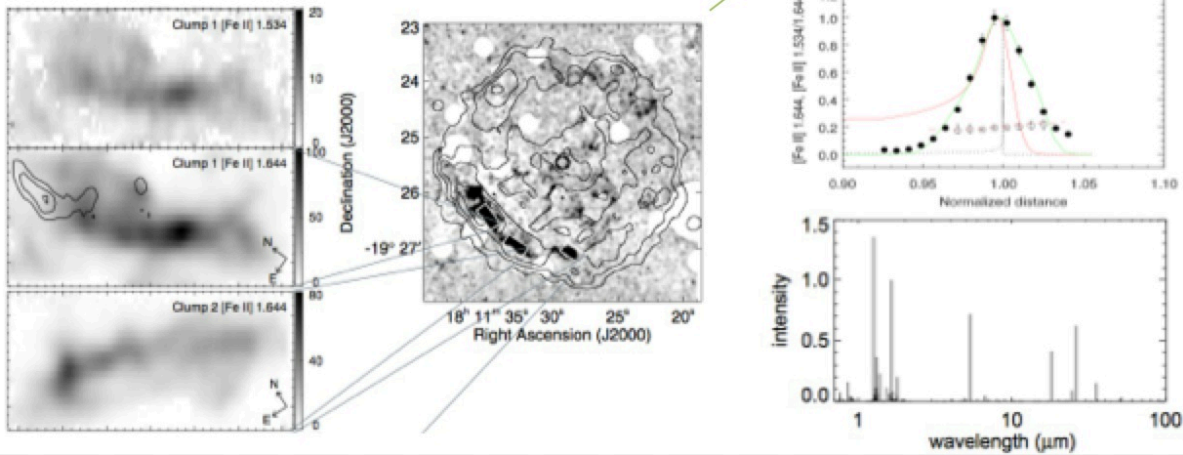


Radiative SNR shock (Ho-Gyu Lee)

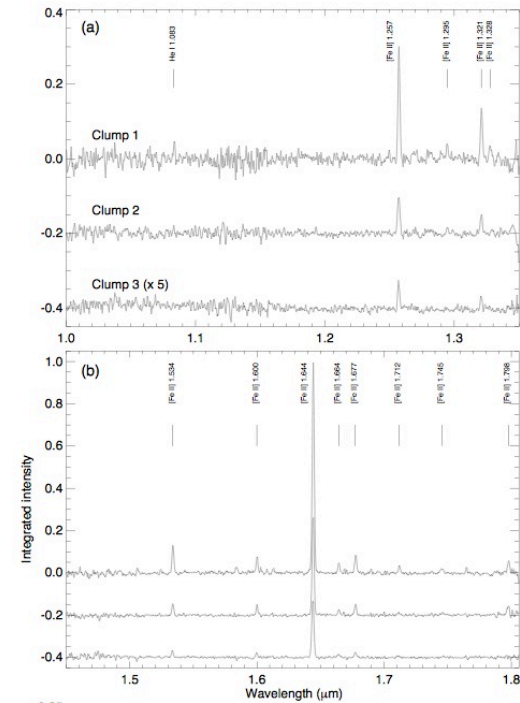
● [Fe II] emission by SNR shock



Center: [Fe II] image of G11.2-0.3 with X-ray contours. Left: line images constructed by our IFU observations. Right-top: comparison of radial profiles with model profiles. Filled circles indicate line intensities and open circles do line ratio. Right-bottom: synthesized IR spectrum. (Lee et al. 2013; Koo et al. 2013)

❖ G11.2-0.3 (Lee et al. 2013)

- Radial profiles of intensity and line-ratio (n_e)
 - * Line intensities obtained at every spaxel using IFU observations
 - * Dense medium ($n_o \sim 300 \text{ cm}^{-3}$, $v_s \sim 130 \text{ km/s}$)
- ⇒ Pre-existing CSM produced by mass-loss.



Integrated spectra of clumps.