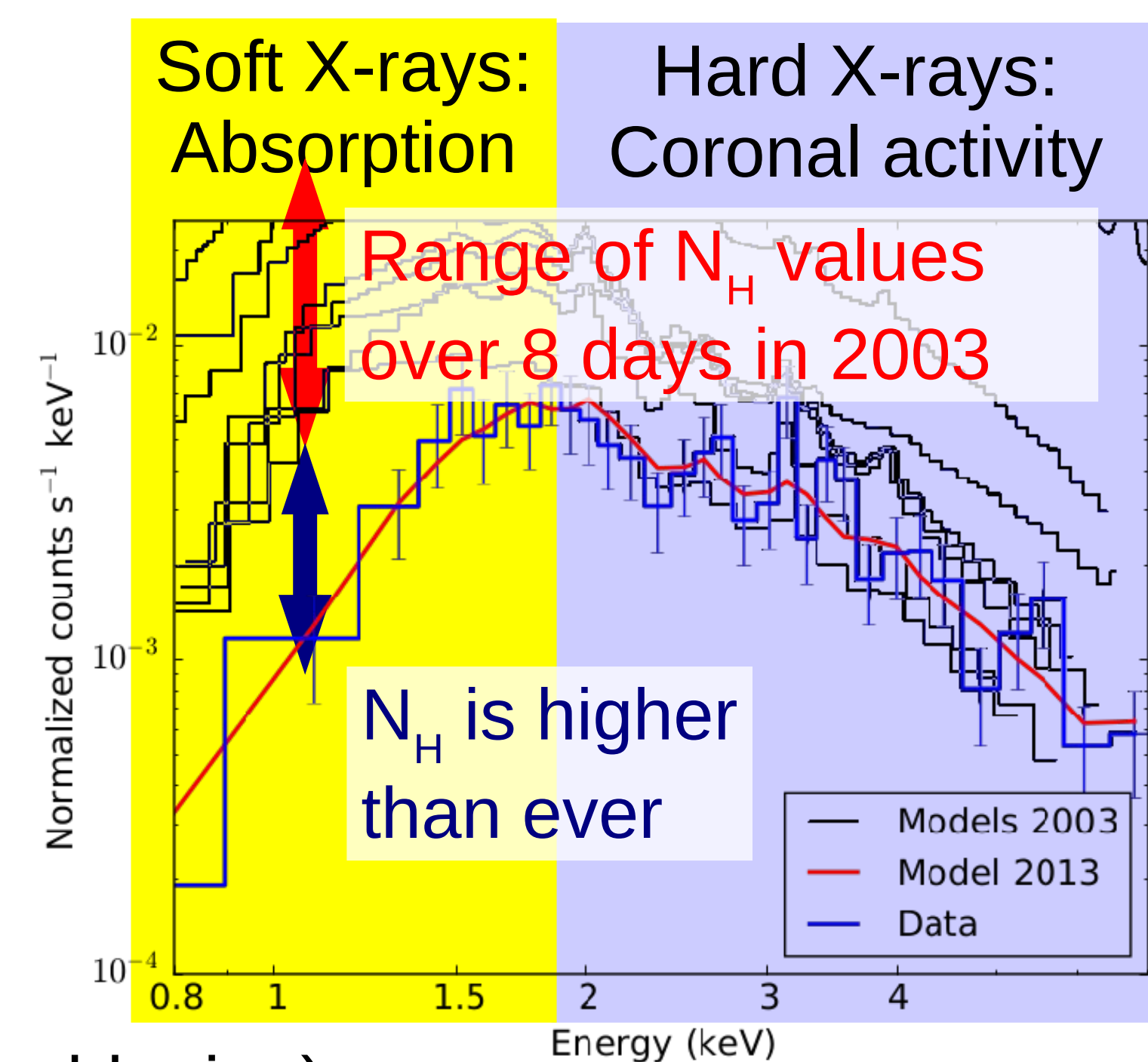
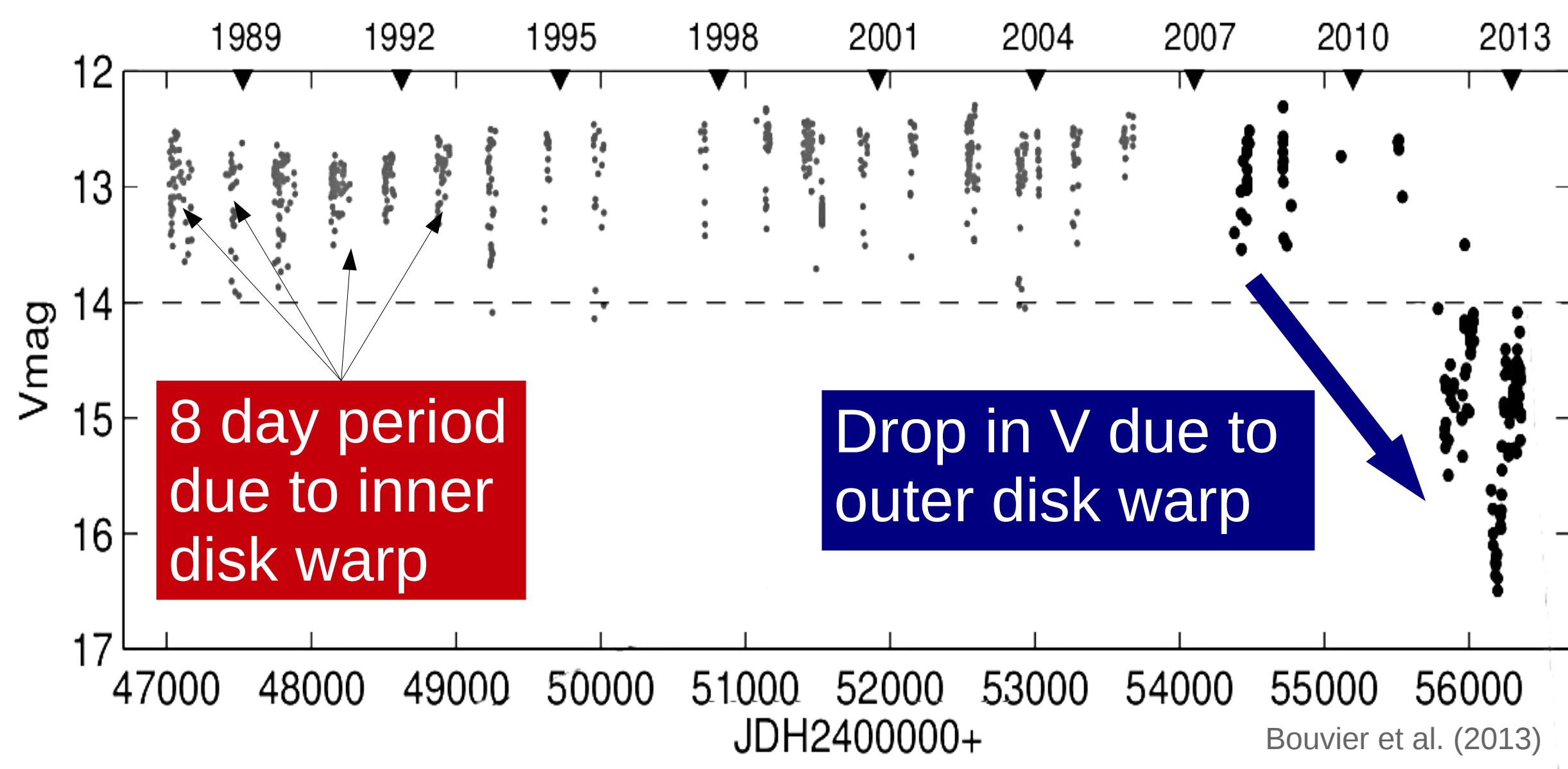


The gas-to-dust ratio(*) in disks of classic T Tauri stars

H. M. Günther (MIT), P. C. Schneider (ESA) and several people who donated telescope time

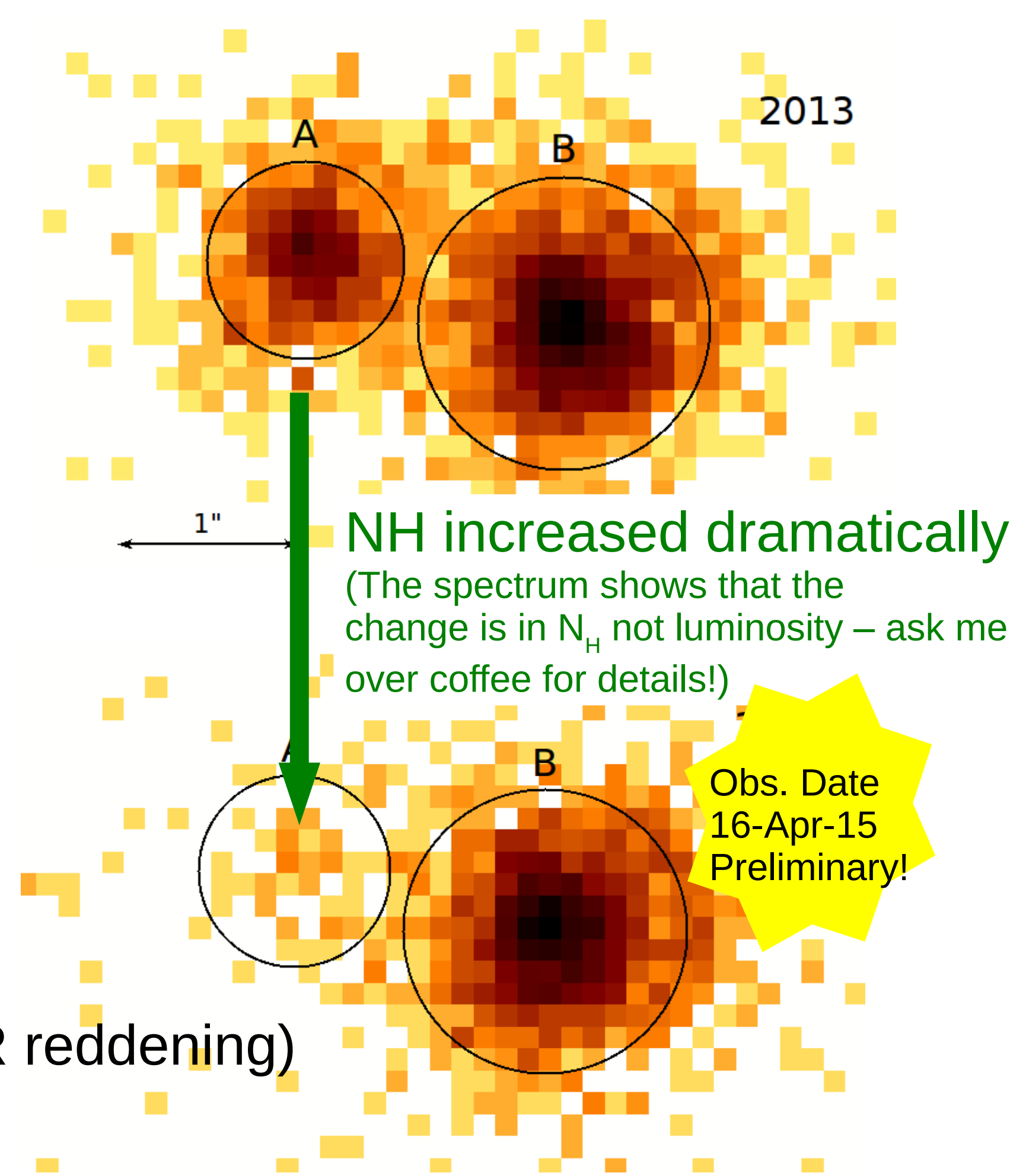
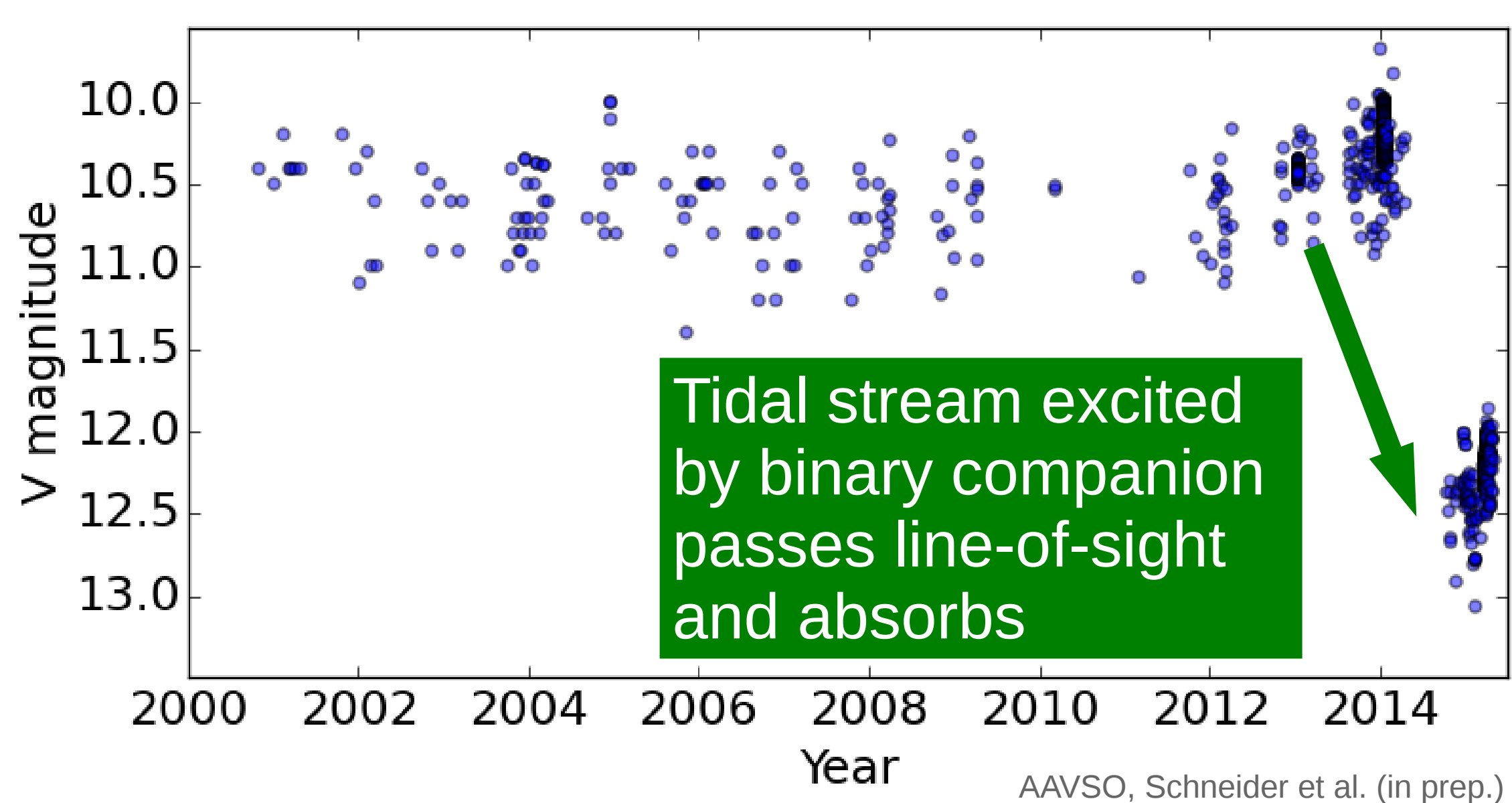
AA Tau



Compare N_H (X-ray column density) and A_V (optical/IR reddening)

- **Inner disk warp is gas rich (*)**
- **Outer disk warp is ISM like (*)**

RW Aur A



Compare N_H (X-ray column density) and A_V (optical/IR reddening)

- **Tidal stream is gas rich (*)**

(*) We measure N_H/A_V and I call this the "gas-to-dust ratio" here. Changes in the dust composition or elemental abundance can influence this ratio, too.