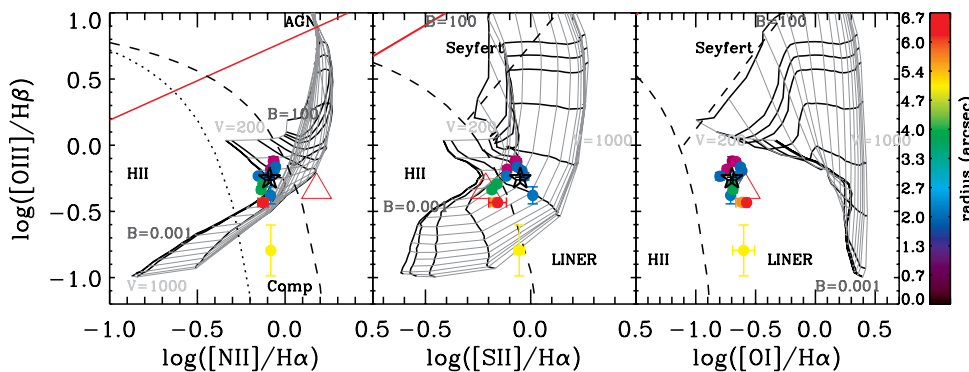
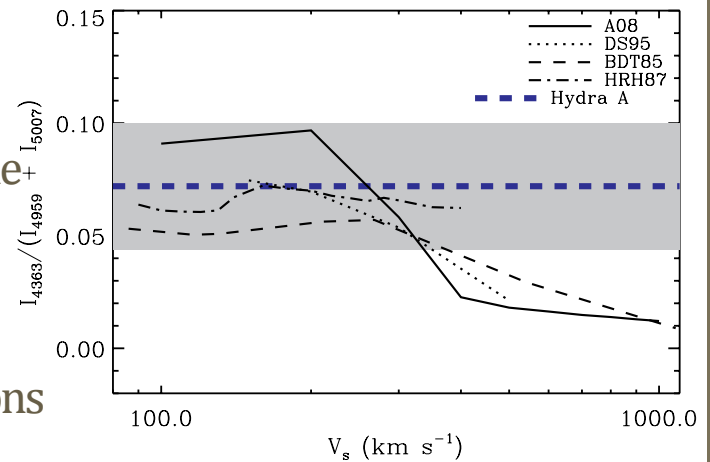


Physical properties of the hot gas in active BCGs

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- A fraction of BCGs are active, example: Hydra A
- My current work: to investigate a crucial phase in the cooling-feedback cycle in the star forming BCGs
- To investigate the source or mixture of sources of ionization of the hot gas → optical observations



- Fundamental gas properties
- Model-independent using the different line ratios
- Photoionization models from literatures + predictions from CLOUDY