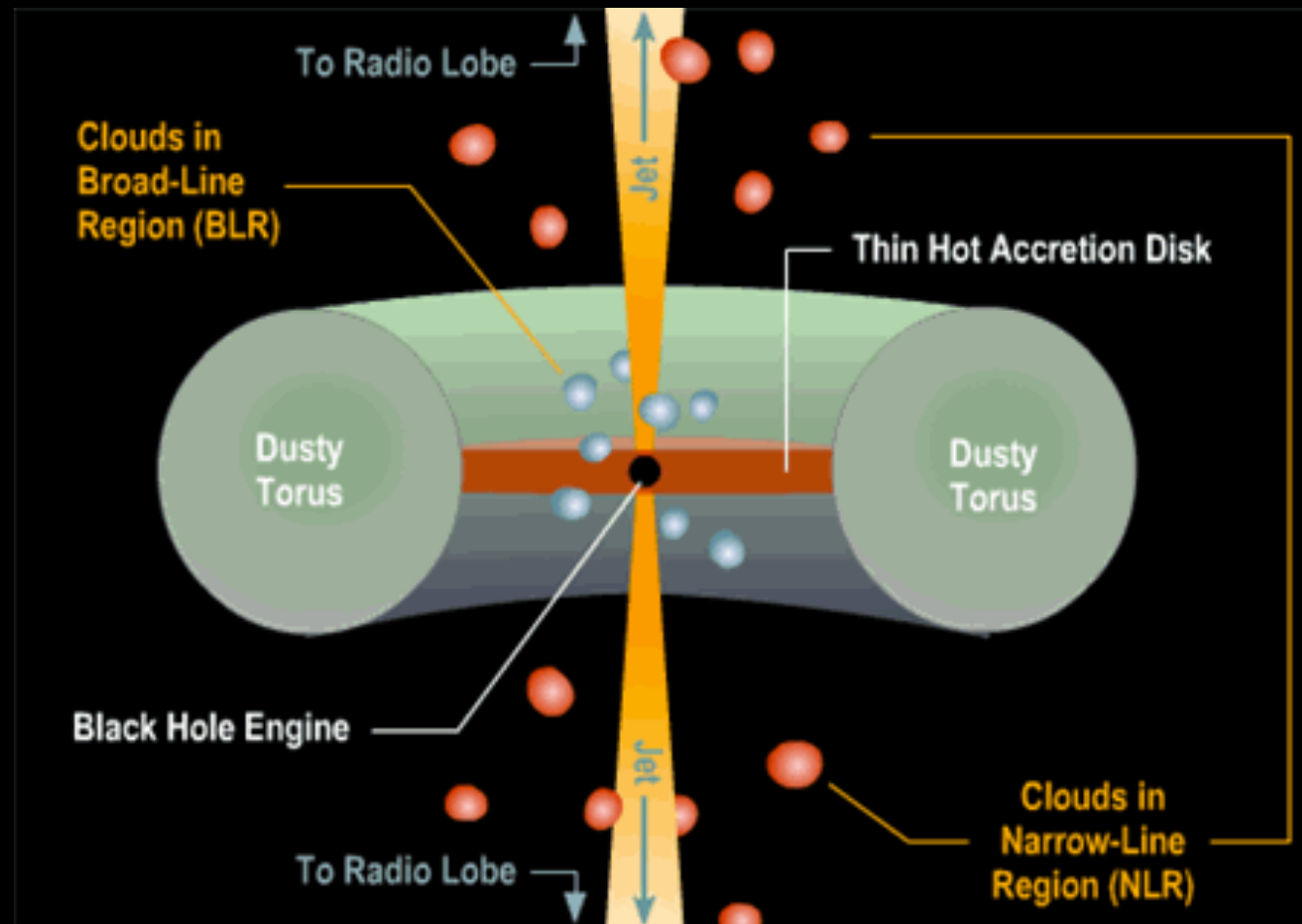


Photoionization in AGN

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AGN



Photoionization Source

- Gravitational Energy is converted to radiation
- Hot, thin, optically thick accretion disk

$$L = \eta \dot{M} c^2$$

$$L_\nu = C \nu^{1/3}$$

$$T = 10^{5-6} K$$

Photoionization

- All AGN show featureless continuum $L_\nu = C\nu^{-\alpha}$

