

The CaII triplet in Quasars: from the accretion disk to the star formation



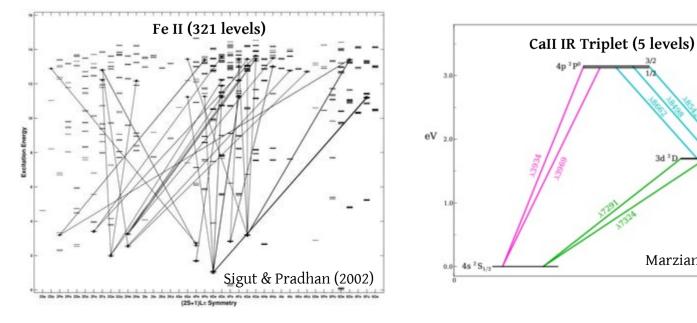
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FeII problem: the Call IR triplet as an alternative

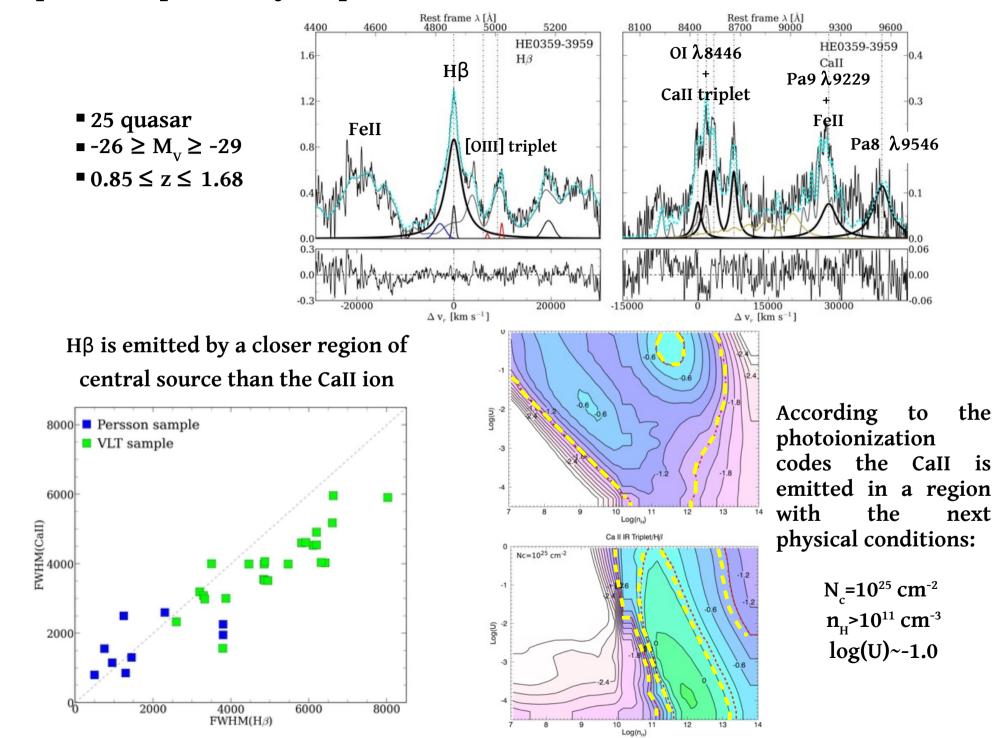
Ion	т (<u>°к</u>)	n _H (cm ⁻³)	N _H (cm ⁻²)
<u>Hβ</u>	10 ⁴	10 ⁹	10 ²³
C IV	>10 ⁴	10 ⁹	10 ²¹⁻²³
Fe II	~8000	>10 ¹¹	10 ²³⁻²⁵

+ dynamics = Hβ -> Clouds
+ dynamics = C IV -> Clouds and winds
Fe II -> Outer part of the accretion disk

Marziani et al. 2013



IR spectroscopic survey of quasars (Martínez-Aldama et al. 2015)



Call behavior at low and high redshift: a hint for a recent star formation?

