

## When Does Core $P_{\text{rad}}$ Affect Confinement?

- It seems like we can get to pretty high  $P_{\text{rad}}$  before it affects stored energy.
- If we believe Snyder's model for the pedestal and a stiff model for the core, then we should be able to radiate  $P_{\text{rad}} = P_{\text{NBI}} - P_{\text{LH}}$  with no effect on confinement.
- Try it:  
  
Vary  $P_{\text{NBI}}$  and observe changes in stored energy as  $P_{\text{rad}}$  builds up in ELM-free H-mode.