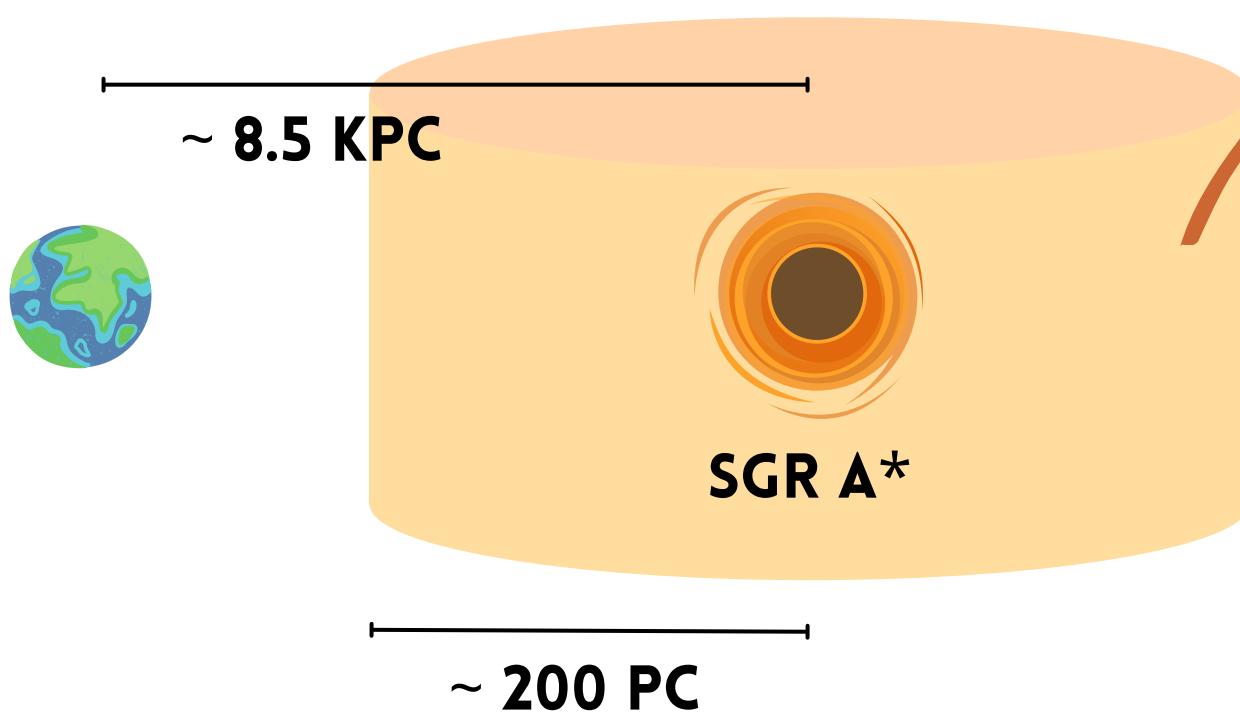
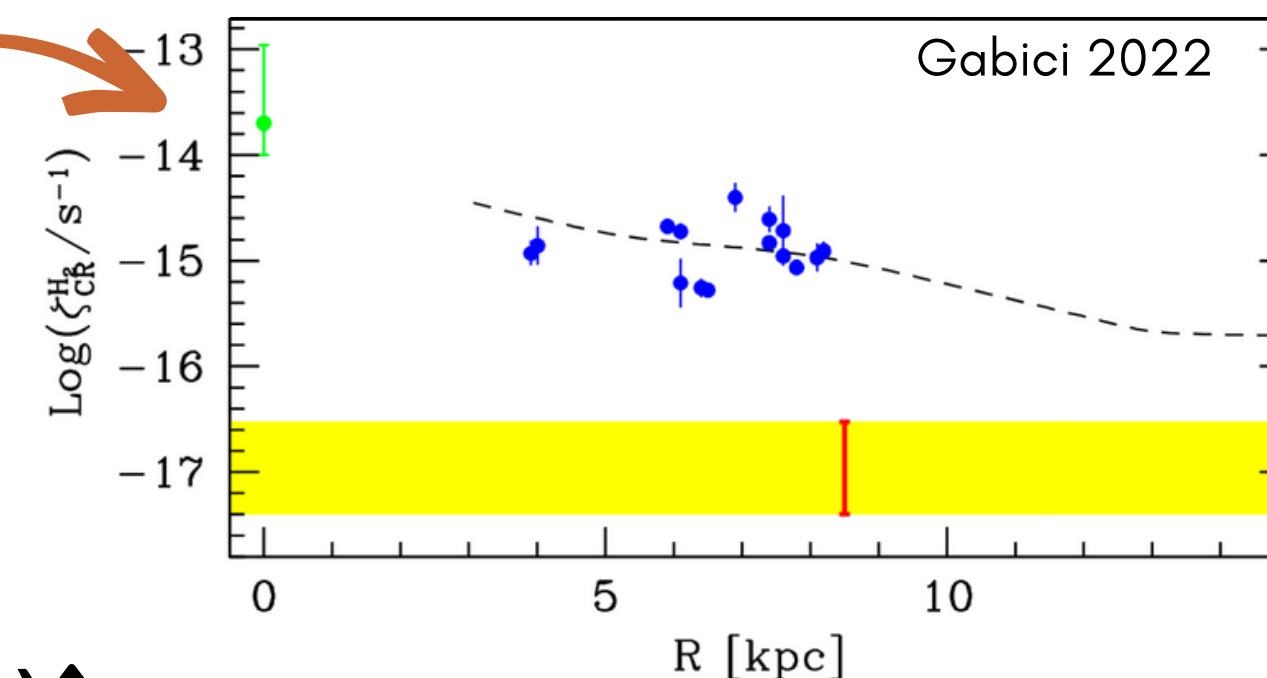


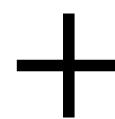
## CENTRAL MOLECULAR ZONE



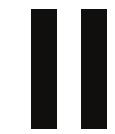
## "COSMIC-RAY" IONISATION RATE



EXCESS IN  
IONISATION RATE



NO EXCESS IN  
GAMMA RAYS



EXCESS IN  
LOW-ENERGY  
COSMIC RAYS?

**COSMIC RAYS  
CAN NOT BE  
THE EXCLUSIVE  
IONISING  
AGENTS OF  
THE CMZ**

**CR POWER  
NEEDED:**  
 **$10^{40}$  ERG/S**

