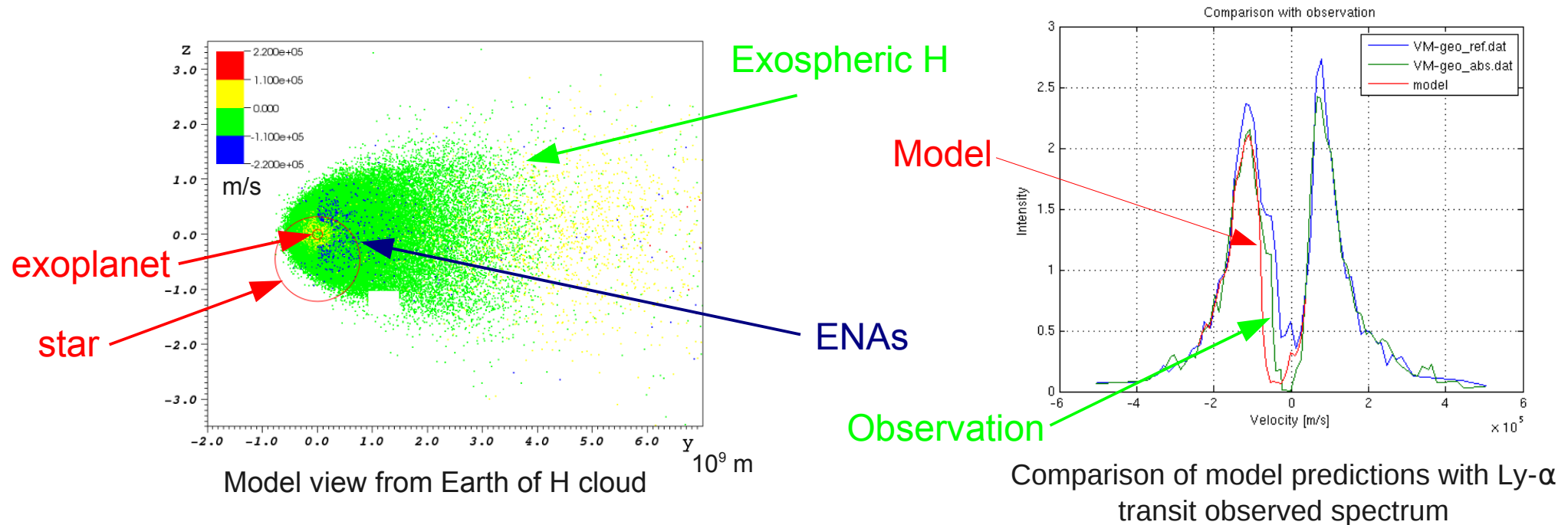


Energetic Neutral Atoms Around the Extrasolar Planet HD 209458b

M. Holmström¹, A. Ekenbäck¹, F. Selsis², T. Penz³, H. Lammer⁴ and P. Wurz⁵

1. Swedish Institute of Space Physics, Kiruna, Sweden
2. Centre de Recherche en Astrophysique de Lyon (CRAL) and École Normale Supérieure (ENS), Lyon, France,
3. Istituto Nazionale di Astrofisica, Osservatorio Astronomico di Palermo Giuseppe S. Vaiata, Palermo, Italy,
4. Space Research Institute, Austrian Academy of Sciences, Graz, Austria,
5. University of Bern, Switzerland



- Energetic Neutral Atoms (ENAs) can explain the observed Lyman α absorption near an extrasolar planet
- Stellar wind properties can be inferred from Lyman α observations through ENAs

