

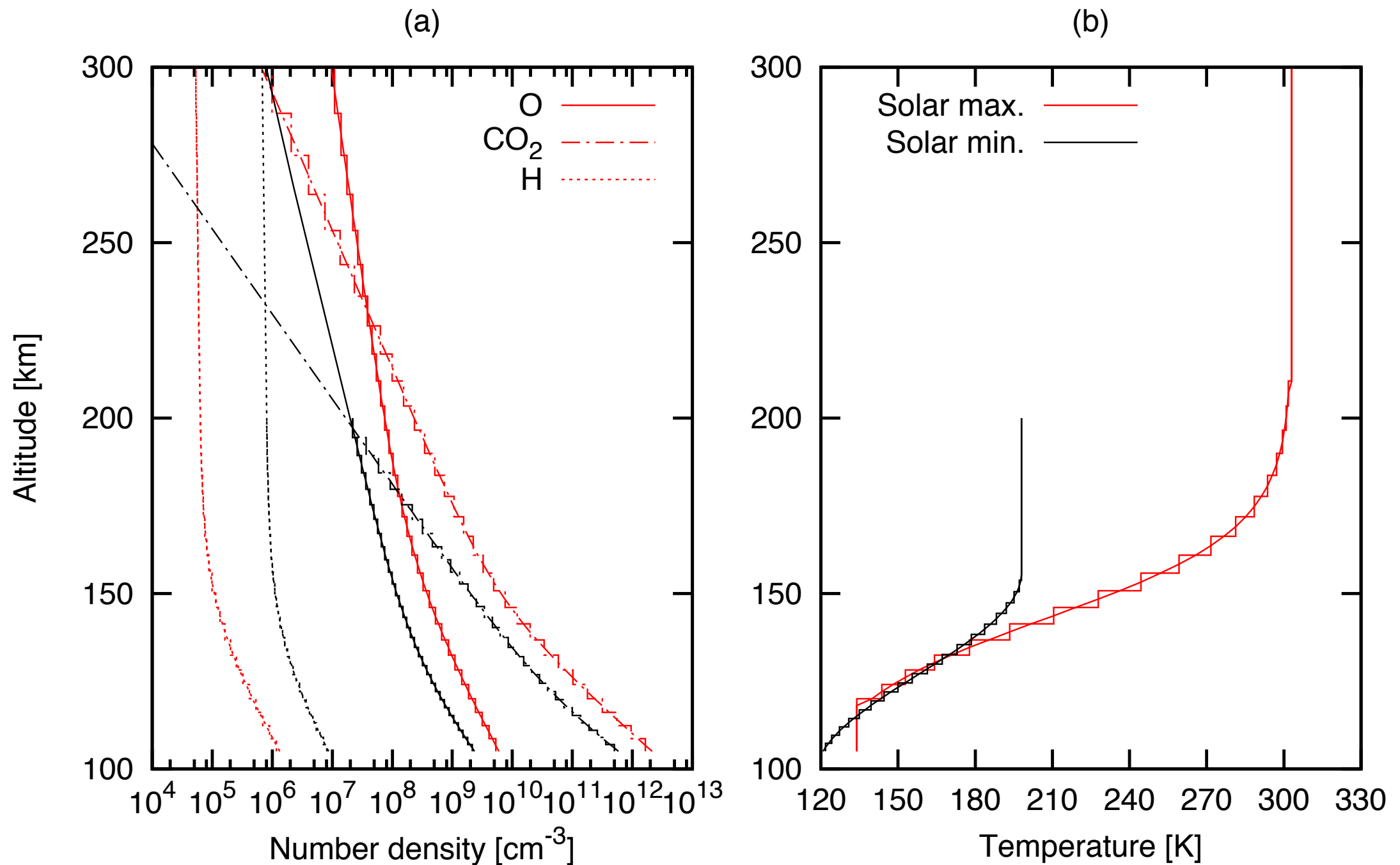
Sputtering response relation: Solar max. vs min. comparisons

Yung-Ching Wang (Jinnee)
Report on July 10, 2013

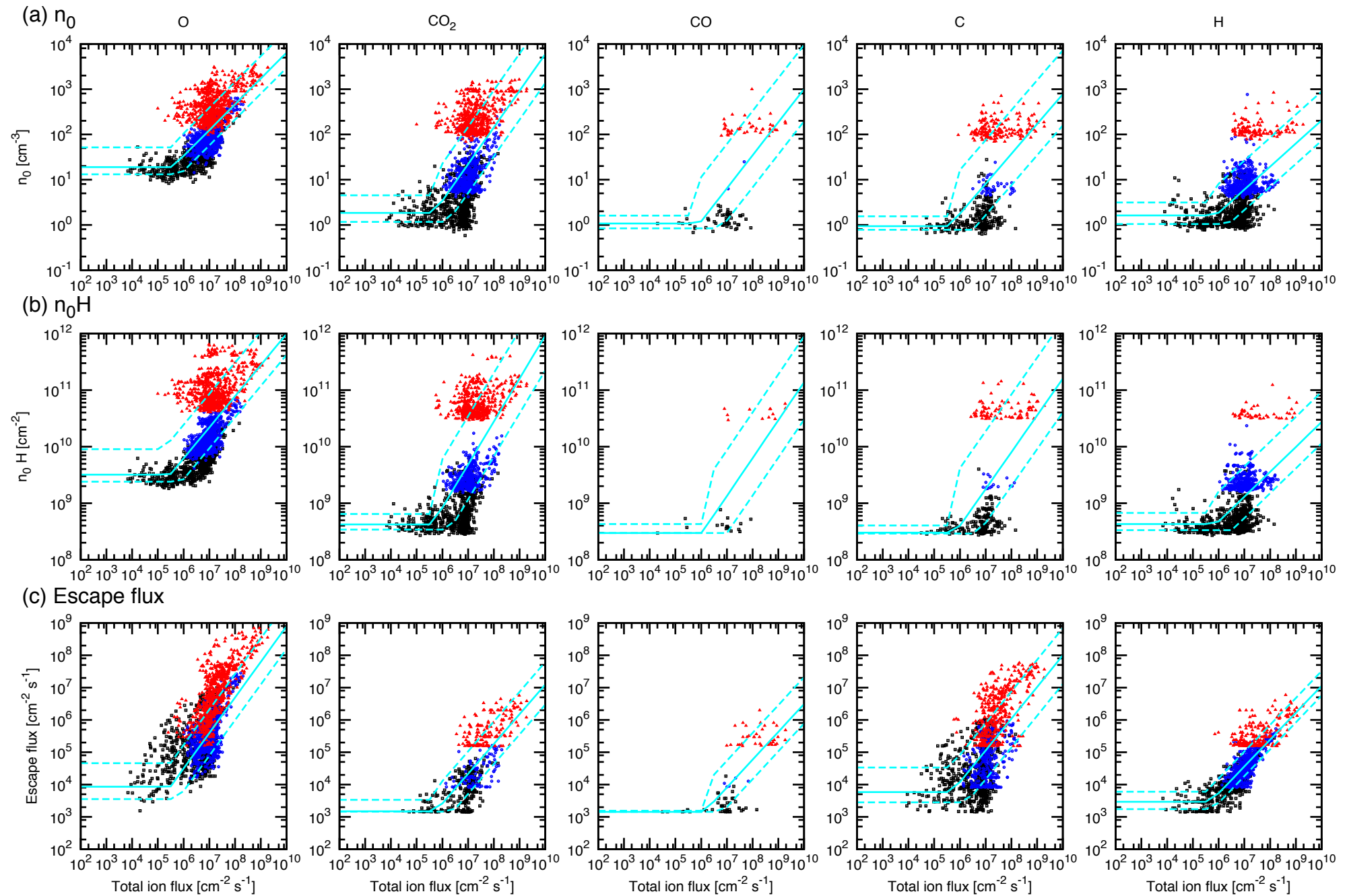
Error reports

- Correction on deviation calculation
 - * Fitting deviation should be larger.
 - Correction on impact flux
 - * Small correction on the area calculation.
- ➔ $W(E)$ fitting recalculating ...

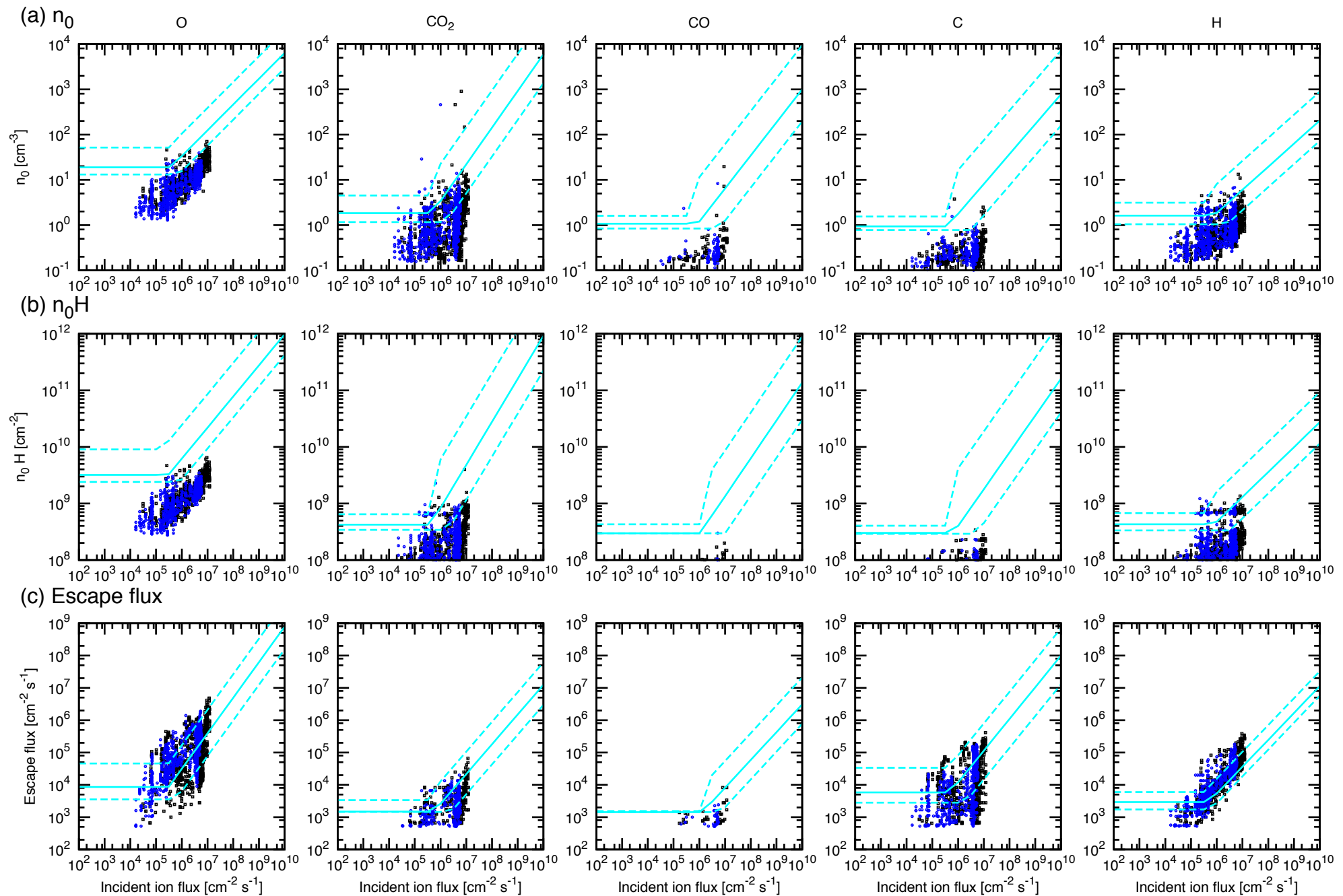
Atmospheres



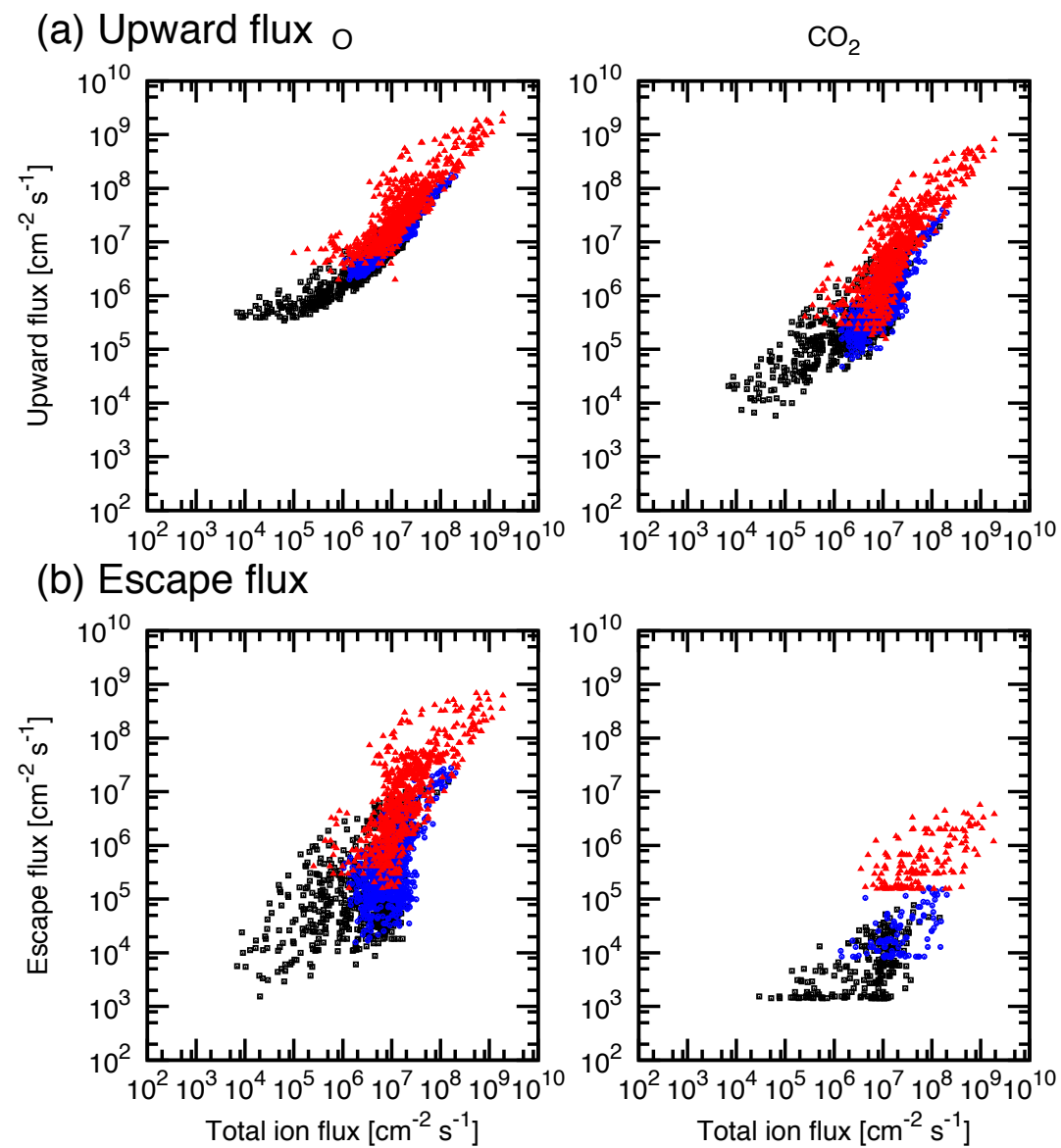
Relations ($W=1$): Solar max.



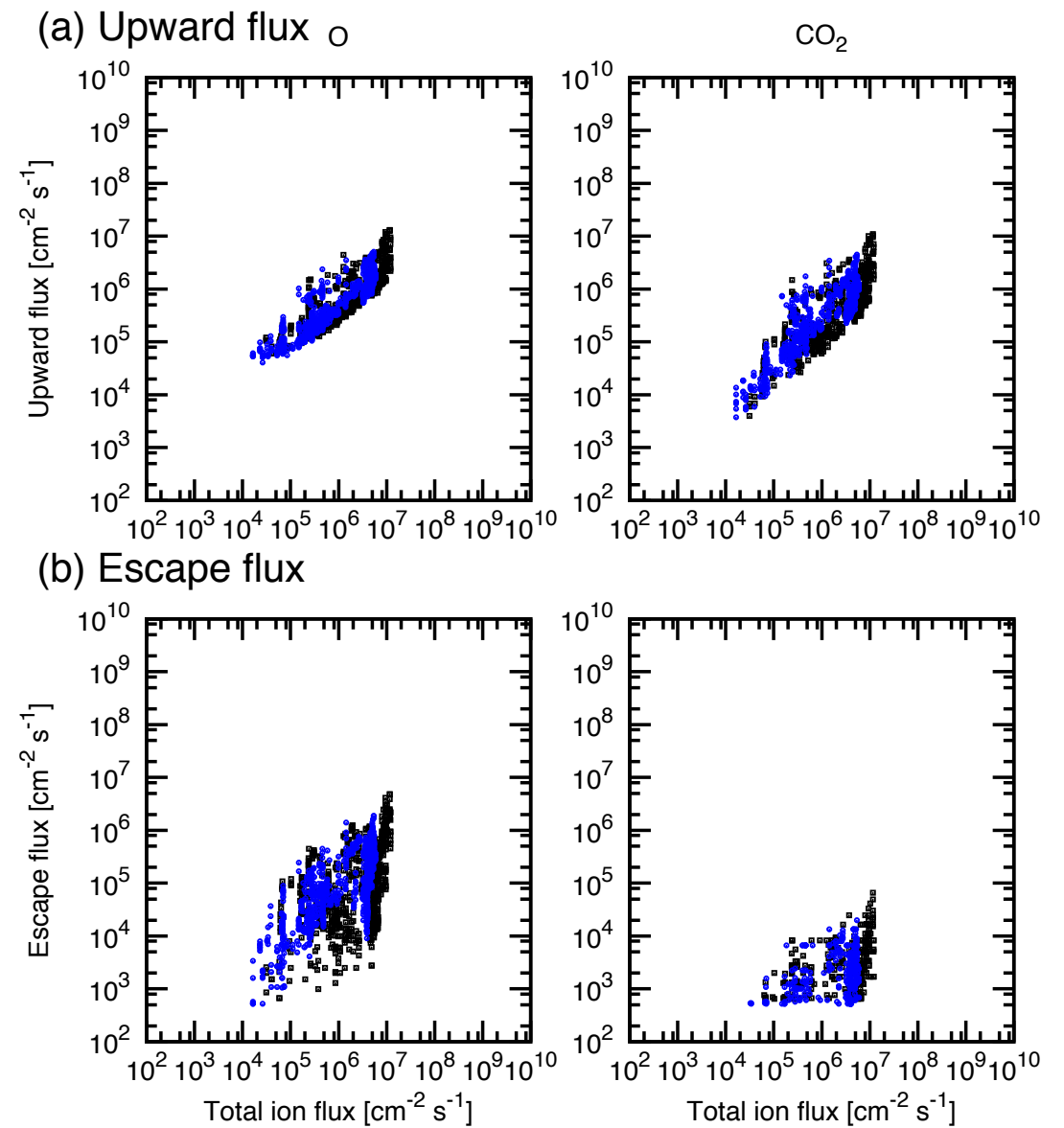
Relations ($W=1$): Solar min.



Upward fluxes

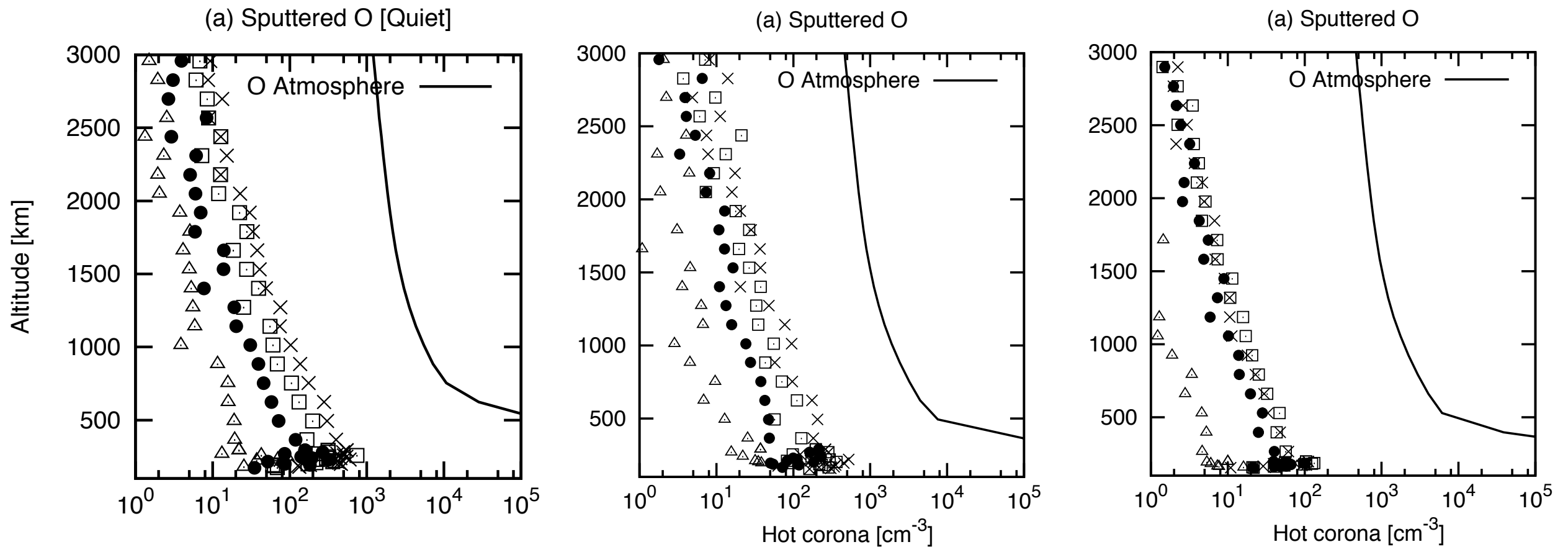


Solar max.



Solar min.

Sputtered atmosphere?

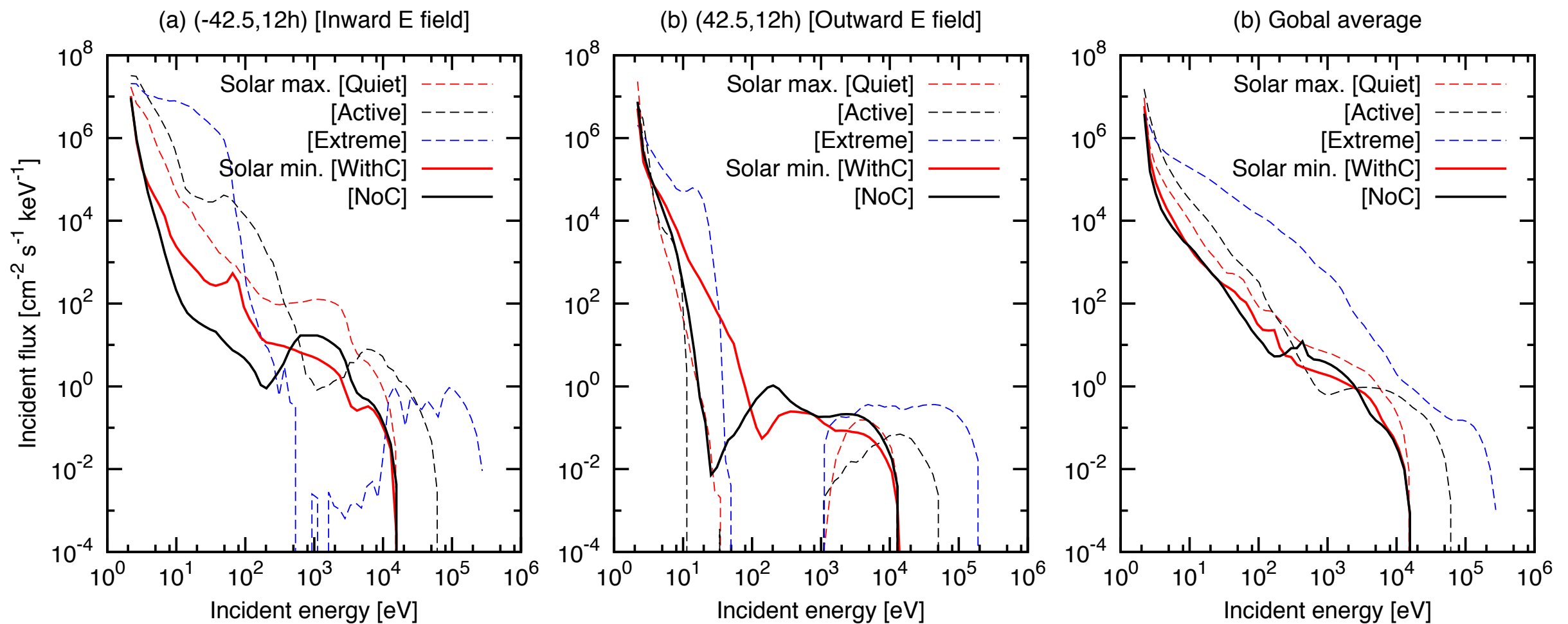


Solar max.

Solar min.

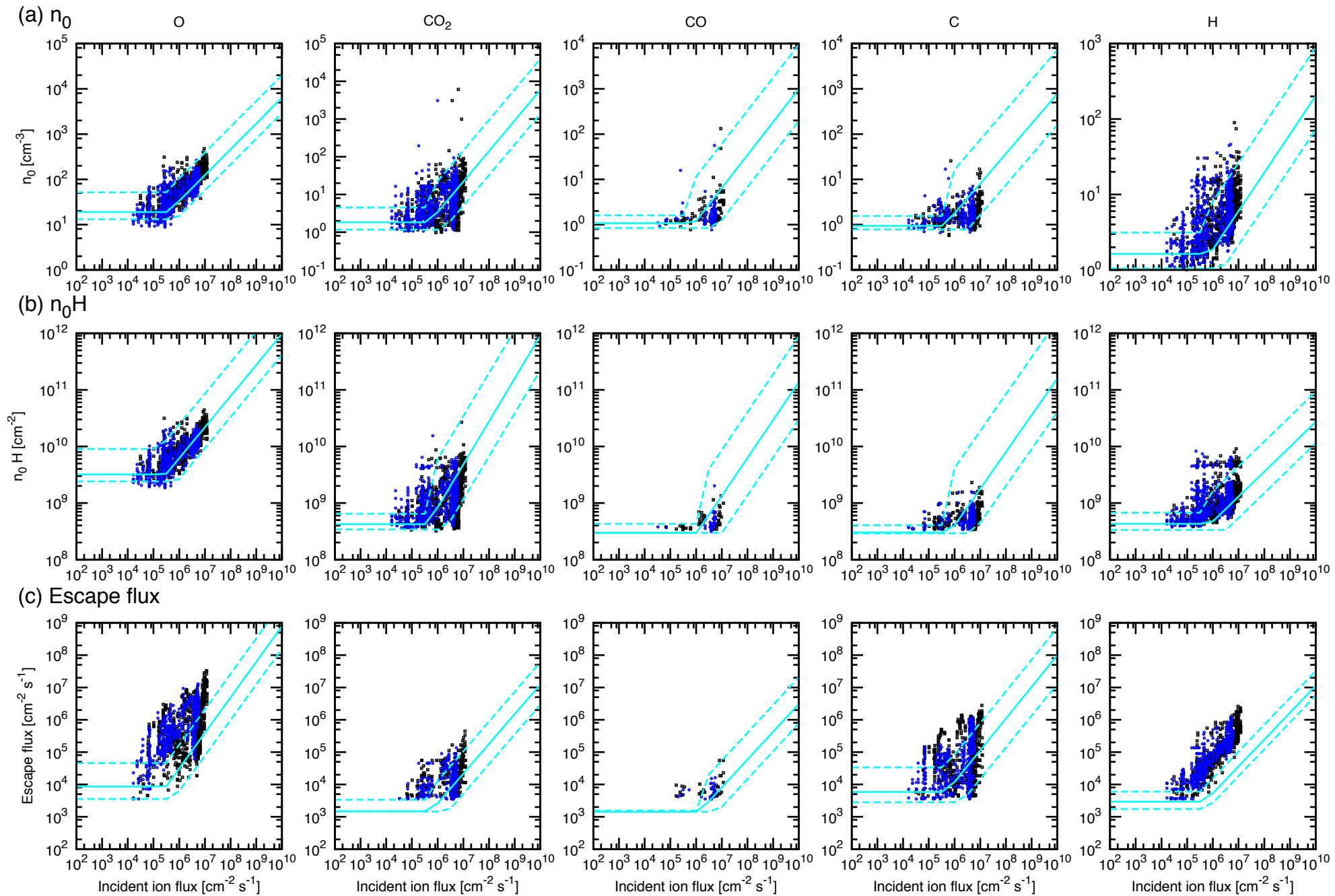
Solar max. ion impact rates
on solar min. atmosphere

Impact spectra?



Caution: spatial resolution of ion impact distribution is different!

Multiply O(max/min) ratio at 250 km



Corona density ~ 7 times smaller