

Observation of the line profile of hydrogen with a hydrogen absorption cell on board the Nozomi satellite

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The line profile of H Lyman alpha emission of hydrogen geocorona were observed by the absorption cell photometer on board the Nozomi satellite.

From the observed line profiles, we have estimated hydrogen effective temperature and hydrogen altitude profile. Further, we will discuss the difference between obtained hydrogen Lyman alpha emission and that expected for the Maxwellian distribution.

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