



Starlight  
filters through  
planetary  
atmosphere

The diagram illustrates the process of starlight passing through a planet's atmosphere. On the left, a large orange sun emits numerous parallel yellow dashed lines representing starlight. These lines pass through a small blue planet. A satellite is shown in orbit around the planet, positioned to the right. The starlight lines are shown as being filtered through the planet's atmosphere. A text box at the bottom center contains a green spectral line graph, indicating the absorption of starlight by methane in the atmosphere.

Methane in the planet's  
atmosphere absorbs starlight

