

## 10.5: How the Sun Works

**The sun does not burn.** The belief that the sun does burn is a misconception. In stars the size of the sun or smaller, the fusion process is referred to as the **proton-proton cycle** or **proton-proton chain reaction**. The general steps to the Proton-proton cycle include:

1. It takes about 100,000 years for that energy to get from the sun's core to the photosphere.

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