
On the nature of the prominence corona transition region

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Abstract

The Prominence-Corona-Transition-Region (PCTR) interfaces the cool and dense prominence with the hot and less dense corona. The PCTR, as observed for a prominence at the limb, is bright in the UV band and shows a fine scale dynamics. Having this interface role it contributes to the stability of the whole structure. In this talk I will review the main observational properties of the PCTR. I will highlight the new advances as derived from recent data and point out the observational limitations still to be overcome.

Keywords: prominence, UV

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