

Prominence fine structure from comparison of the non-LTE modelling with observations

Campaign 2013 – summary

the same target all three days – prominence on SW limb

22 Oct 2013

SLS spectrograph in Ondrejov

lines: H α , H β , D3, IR CaII

type of observations: scan

times of observations: 08:54 – 13:01 UT

HSFA2 spectrograph in Ondrejov

lines: H α , H β , D3, IR CaII

type of observations: scan

times of observations: 10:38 – 10:45 UT

10:48 – 11:39 UT

SoHO/SUMER

lines: Ly α with partly closed entrance shutter, Ly β , Ly γ , Ly δ

times of observations: 07:00 – 08:33 UT

type of observations: sit-and-stare

IRIS:

lines: SiIV 1394 Å, OIV 1410, 1301 and 1405 Å, MgII h and k

slit-jaw images: SiIV and MgII h/k 2796 Å

times of observations: 08:40 – 10:52 UT

type of observations: high resolution dense rasters 5 arcsec wide with 0.33 arcsec scanning step

23 Oct 2013

COMP-S at LOMNICKY PEAK:

lines: CaII 854 Å, H α , 637 Å (red coronal line), 530 Å (green coronal line)

time of observations: 10:23 – 10:45 UT

10:46 – 11:06 UT

11:14 – 11:33 UT

type of observations: filtergrams, polarimetry

SoHO/SUMER

lines: Ly α with partly closed entrance shutter, Ly β , Ly γ , Ly δ

times of observations: 10:25 – 11:58 UT

type of observations: sit-and-stare

IRIS:

lines: SiIV 1394 Å, OIV 1410, 1301 and 1405 Å, MgII h and k

slit-jaw images: SiIV and MgII h/k 2796 Å

times of observations: 10:24 – 13:12 UT

type of observations: high resolution dense rasters 5 arcsec wide with 0.33 arcsec scanning step

24 Oct 2013

IRIS:

lines: SiIV 1394 Å, OIV 1410, 1301 and 1405 Å, MgII h and k

slit-jaw images: SiIV and MgII h/k 2796 Å

times of observations: 10:24 – 13:12 UT

type of observations: high resolution dense rasters 5 arcsec wide with 0.33 arcsec scanning step