

REAL-TIME HELIOSPHERIC 3-D RECONSTRUCTION TECHNIQUES

by

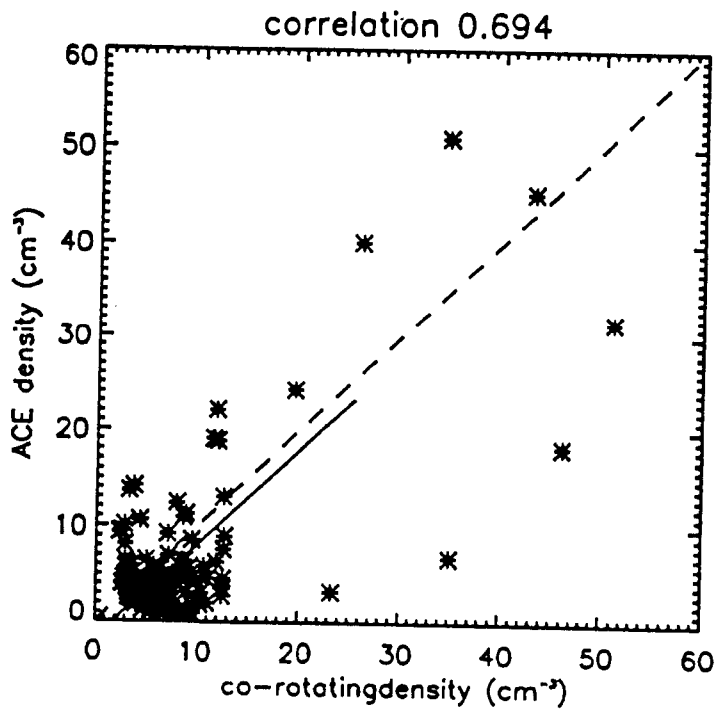
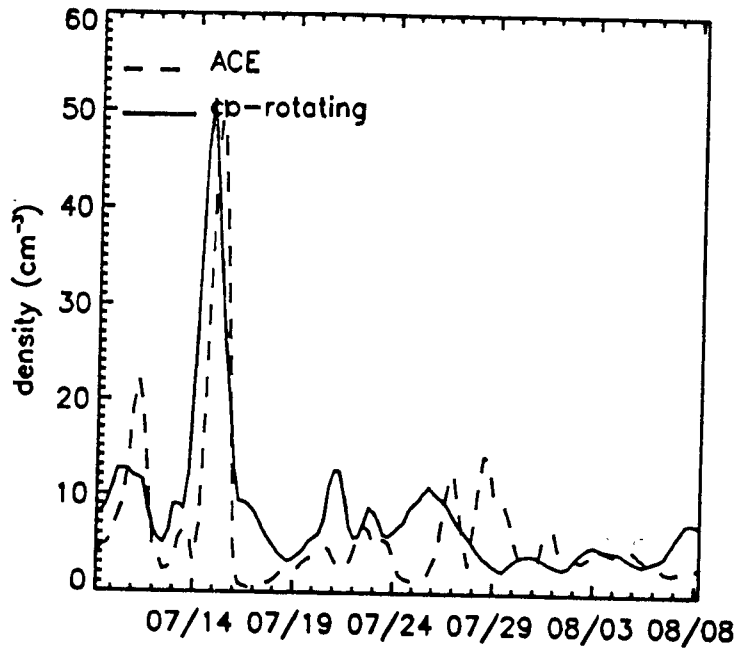
Bernard V. Jackson

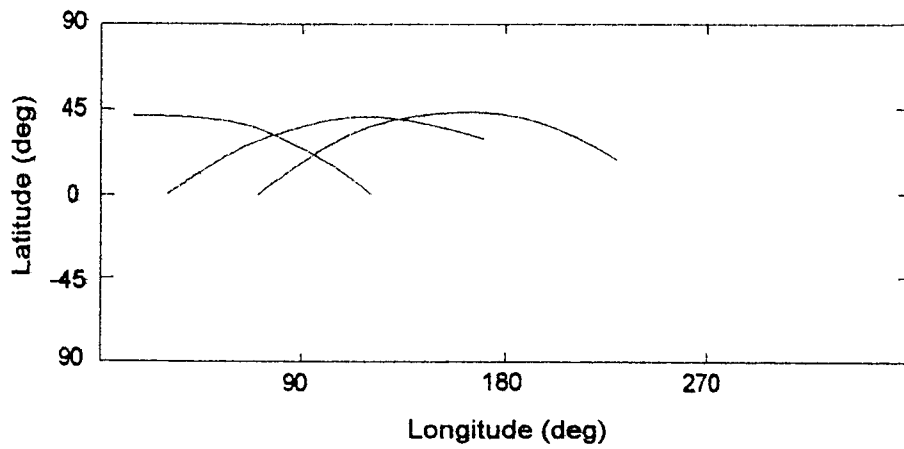
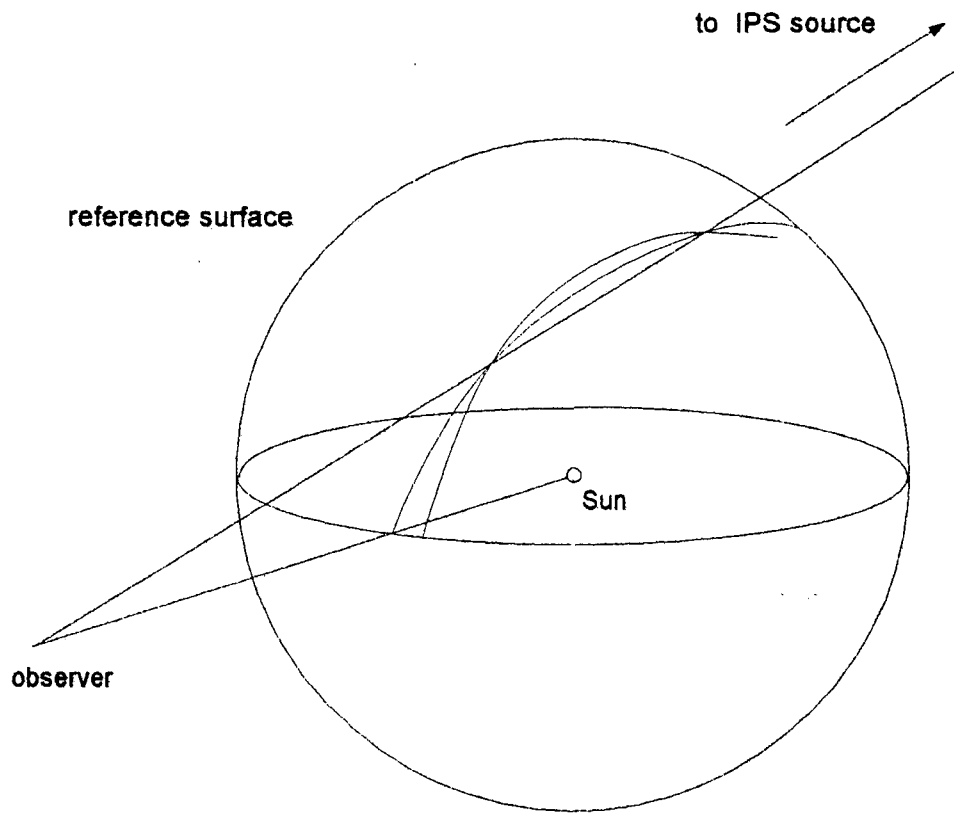
3-D RECONSTRUCTIONS

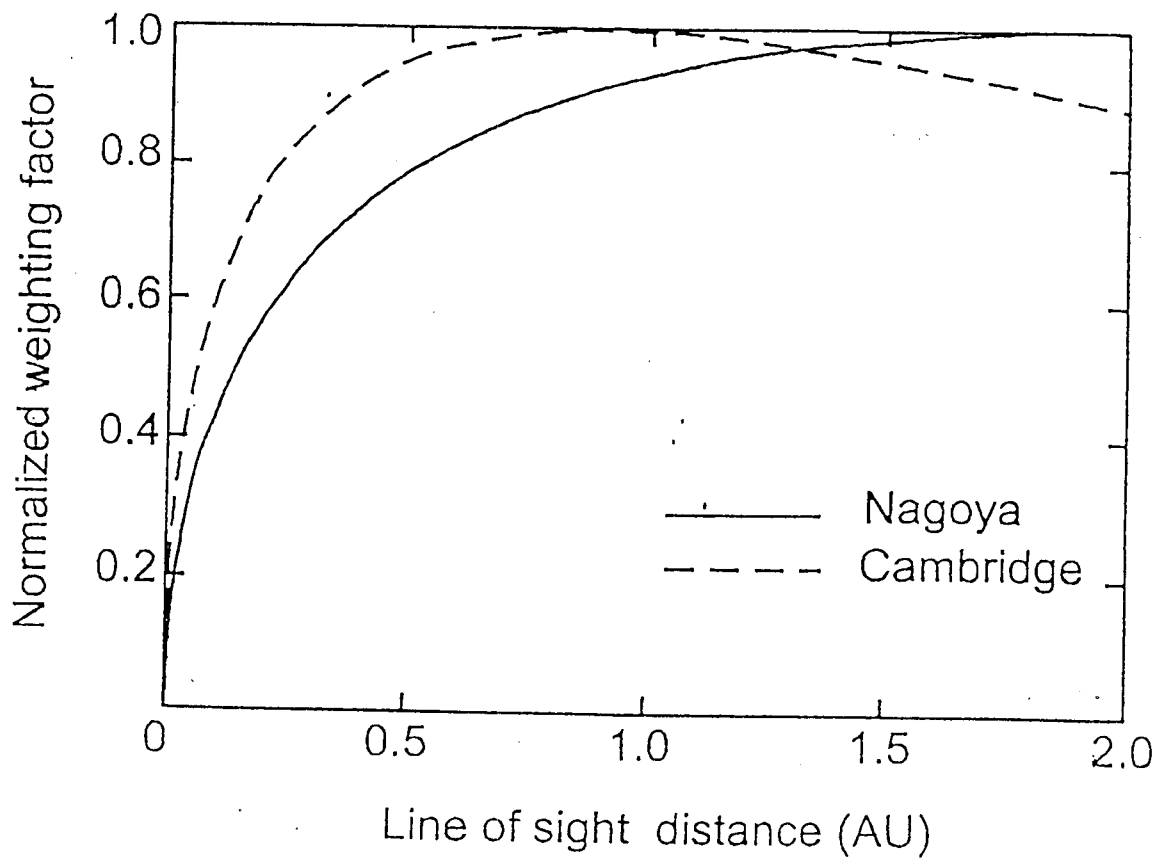
**CURRENT REAL-TIME ANALYSIS USES IPS DATA
AVAILABLE FROM STELAB (NAGOYA
UNIVERSITY**

**EXTENSION TO SMEI WHEN THESE DATA ARE
AVAILABLE**

CONCLUSIONS







Current UCSD Space Weather Project

(PC CRON-Job Runs)

<http://casswww.ucsd.edu/personal/bjackson/forecast/index.html>

Email from Japan or Query from UCSD announces that new data is analyzed

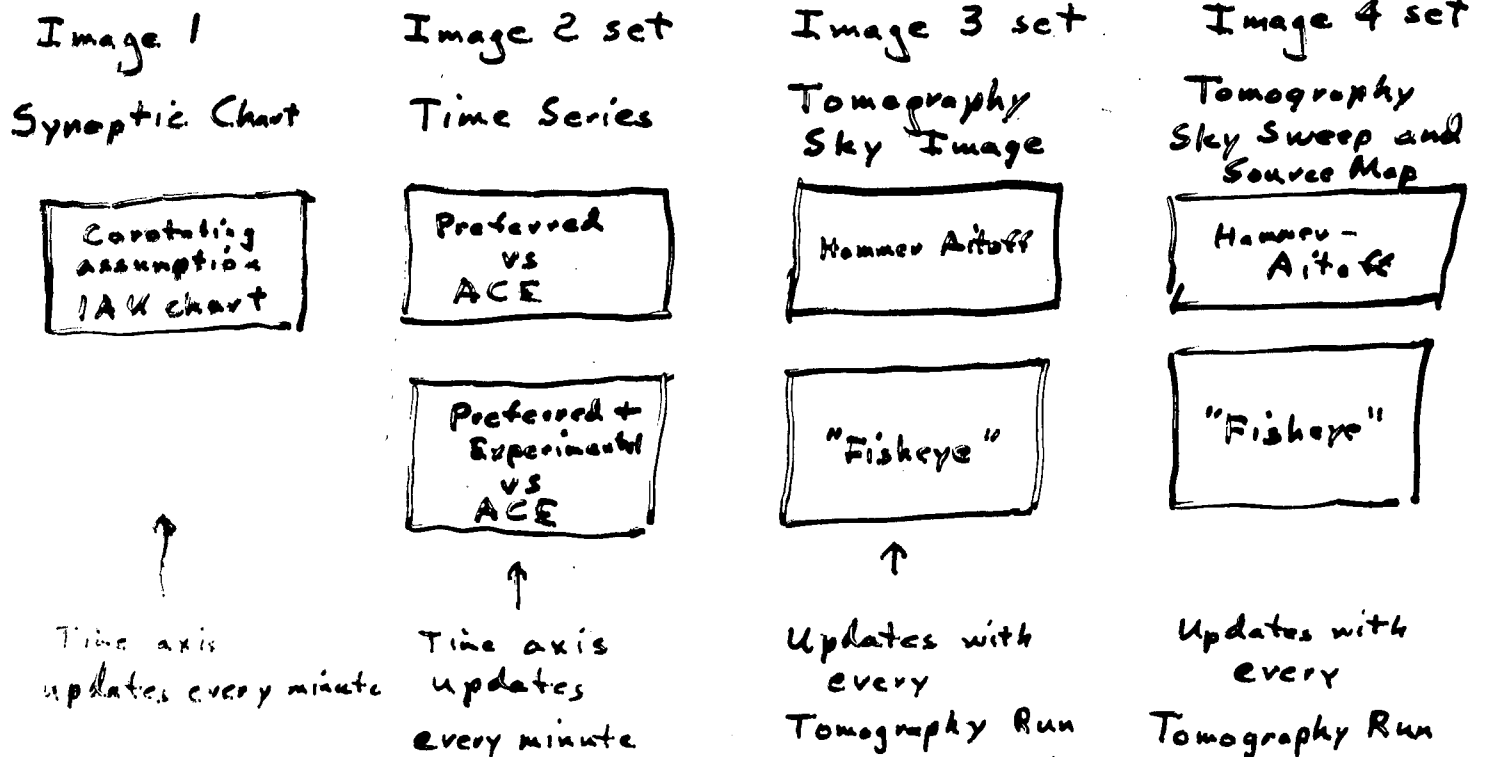
New IPS velocity data

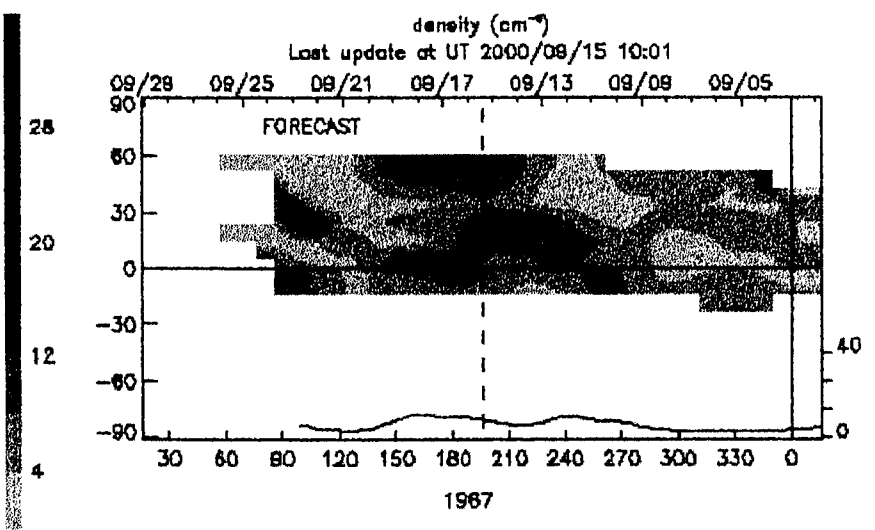
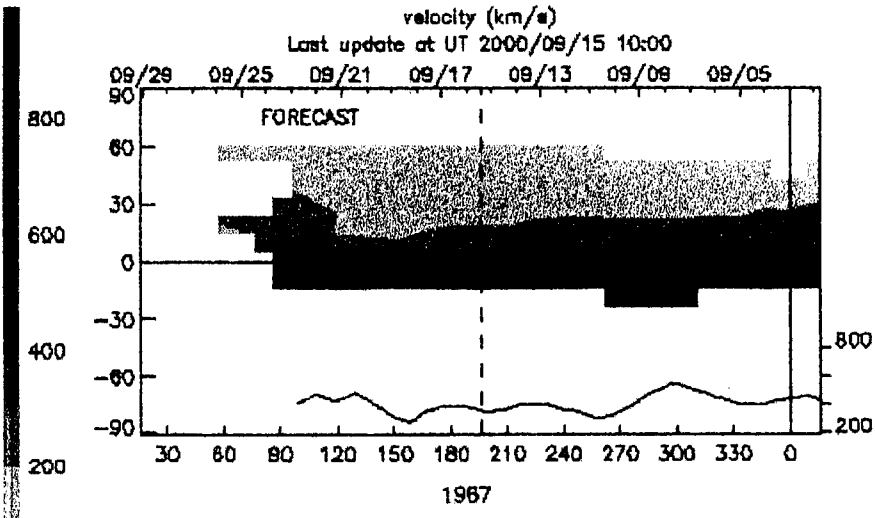
No new data
<Wait>

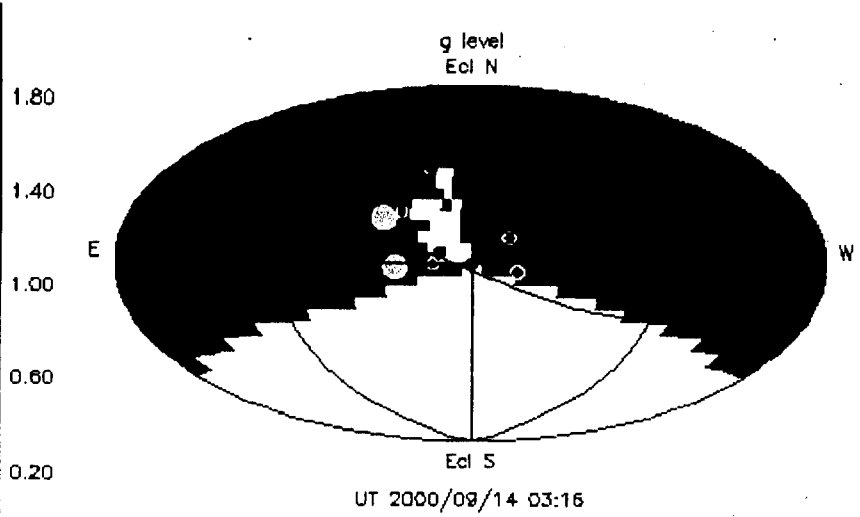
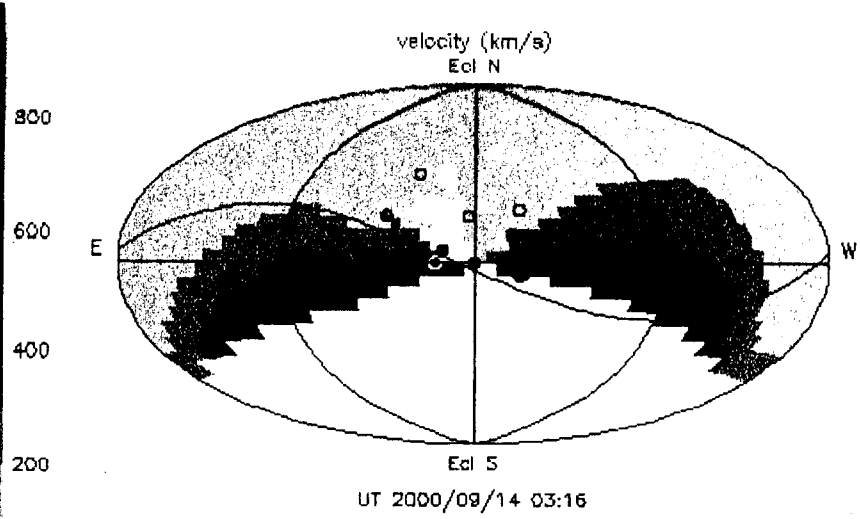
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Run Tomography programs ~ 20min

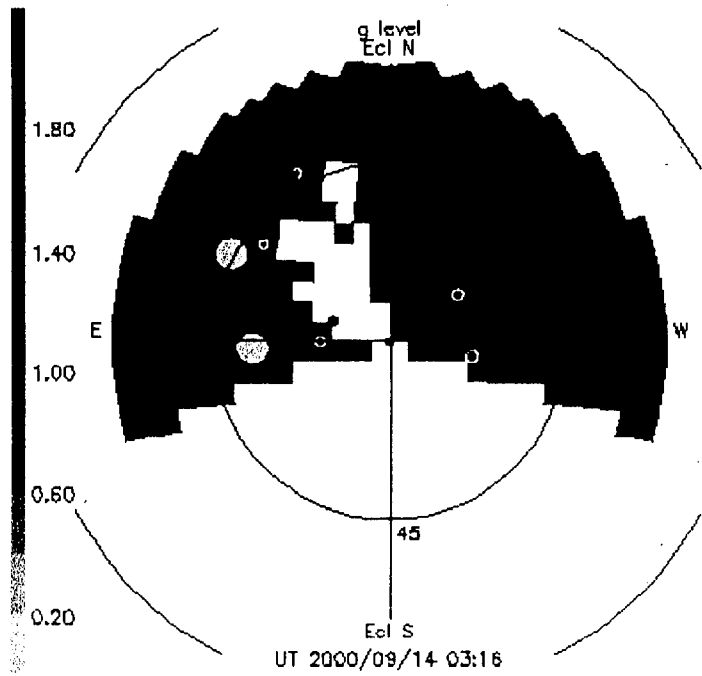
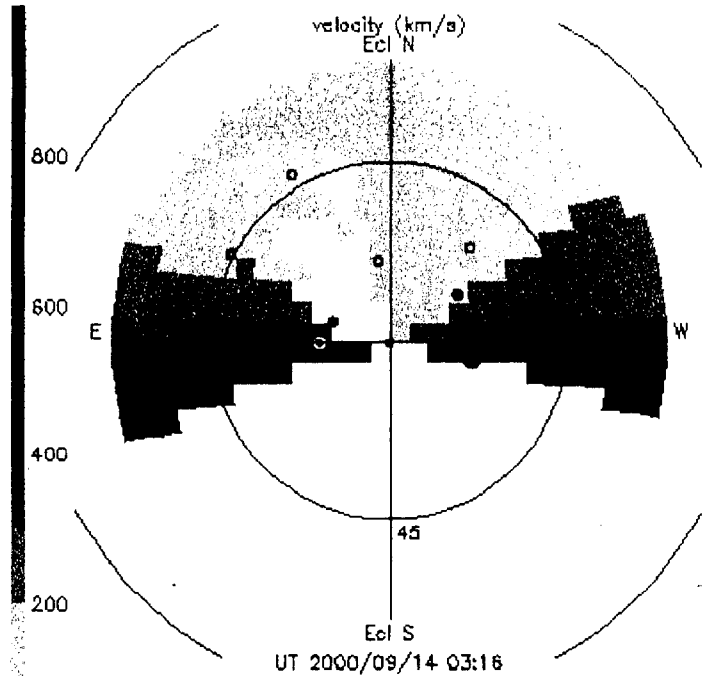
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Save files in "new file" location

Run IDL program to produce images for the WWW

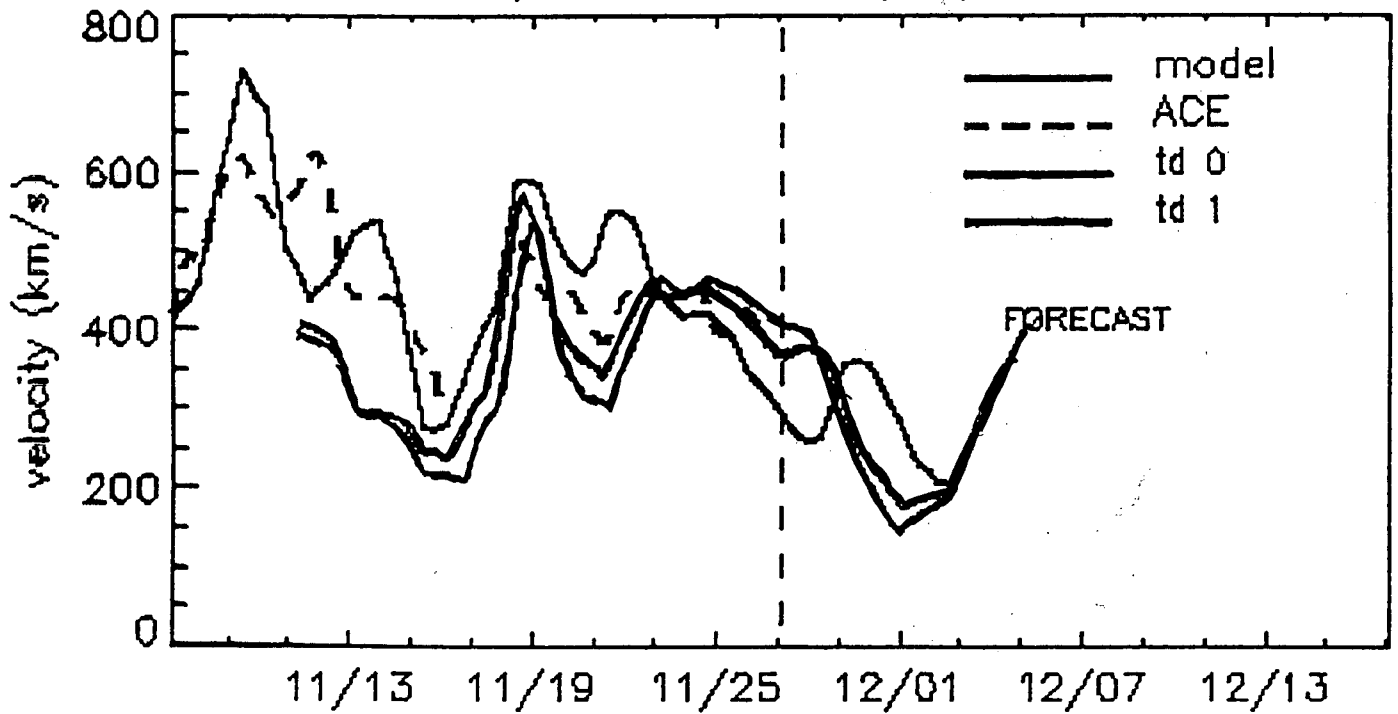




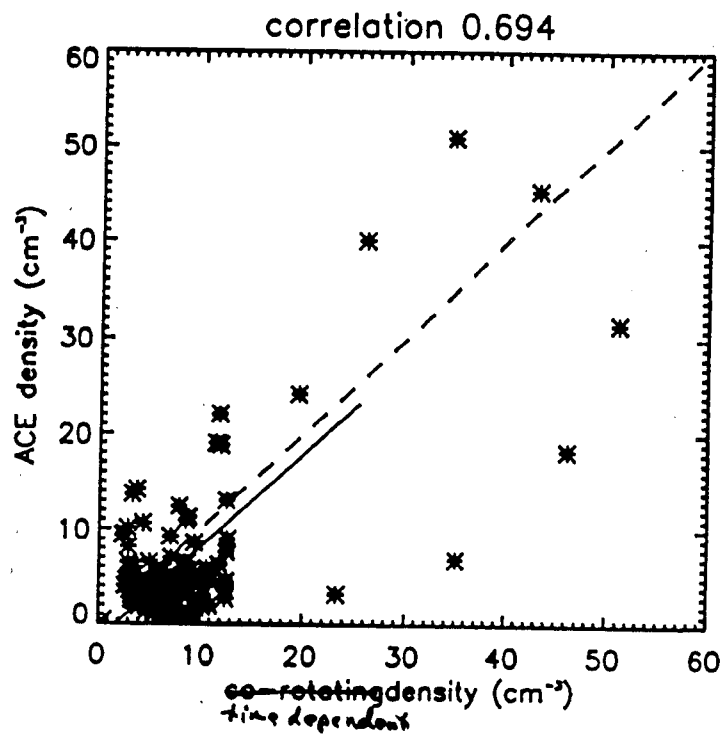
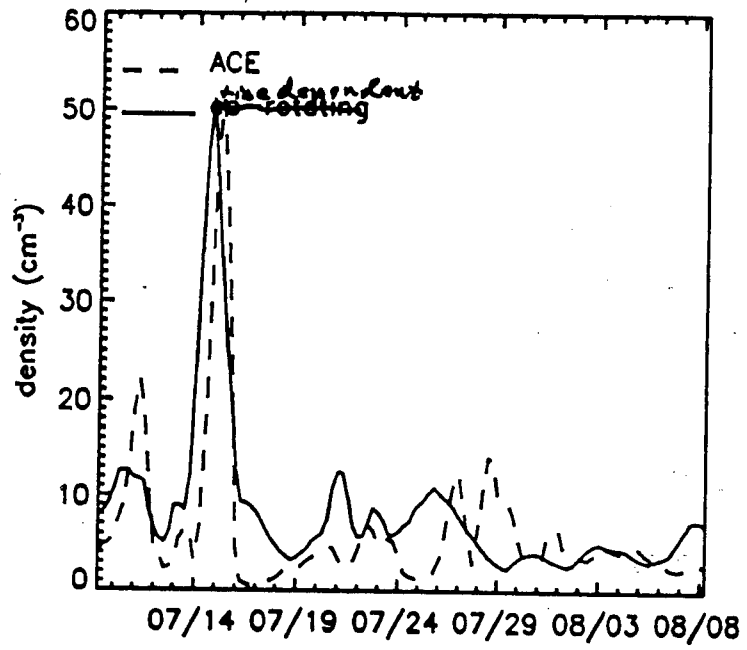


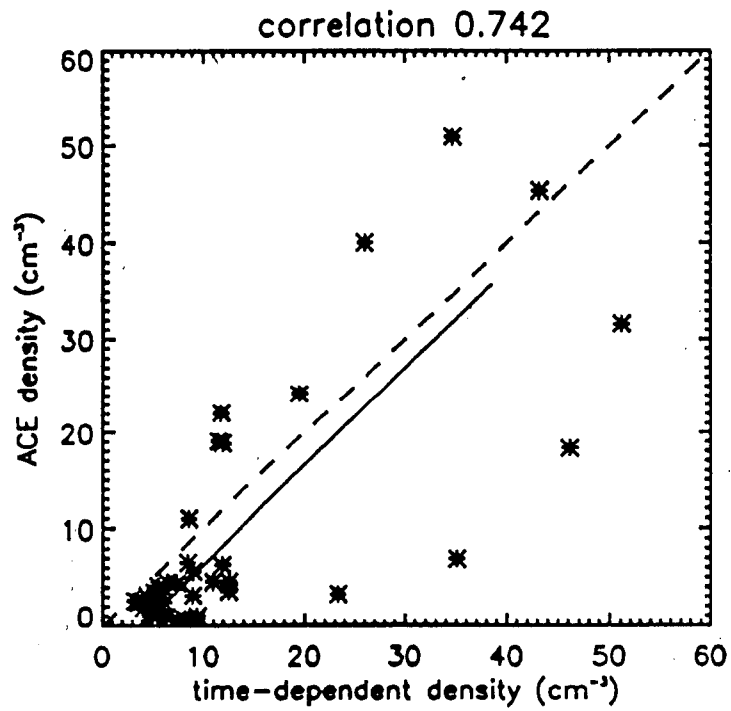
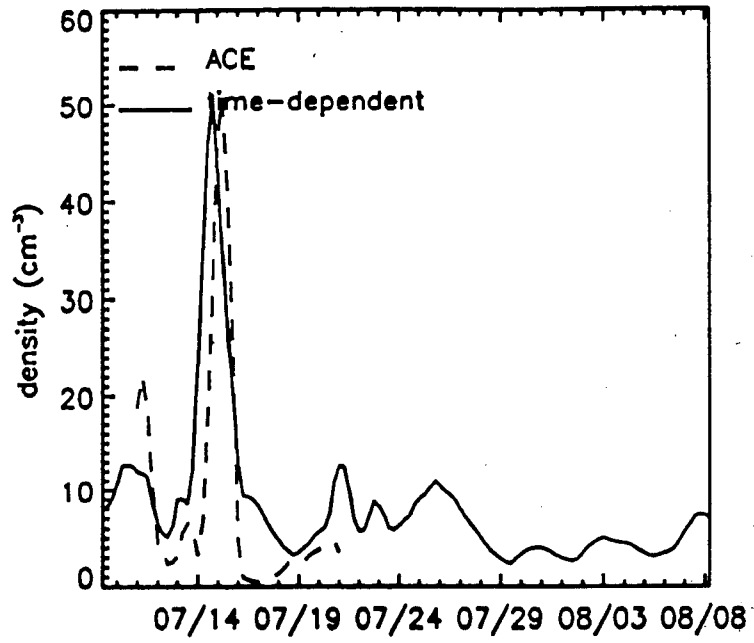


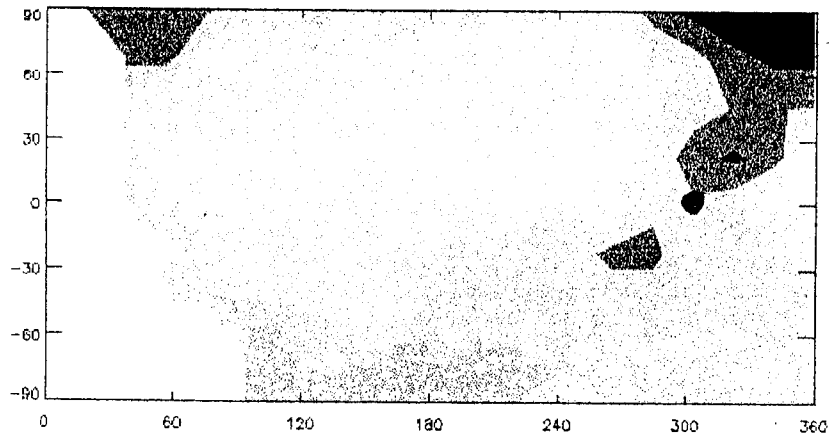
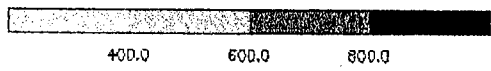
Last update at UT 1999/11/27 03:20



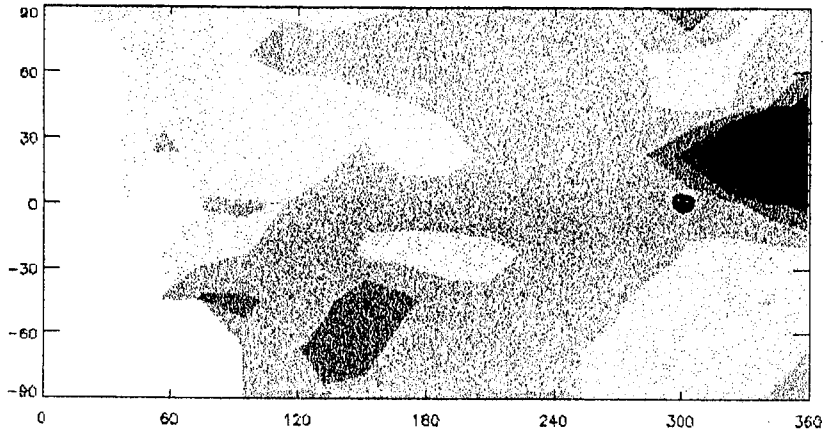
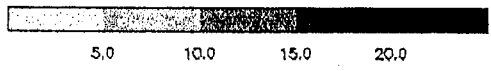
<http://casswww.ucsd.edu/personal/bjackson/fovecast/index.html>



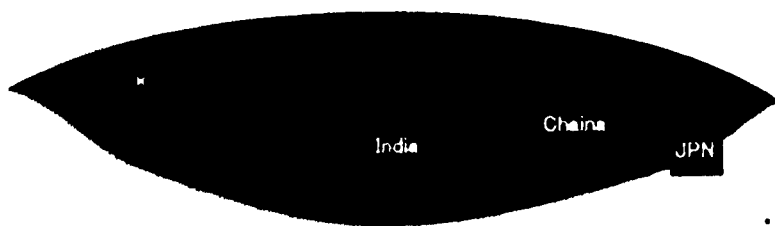
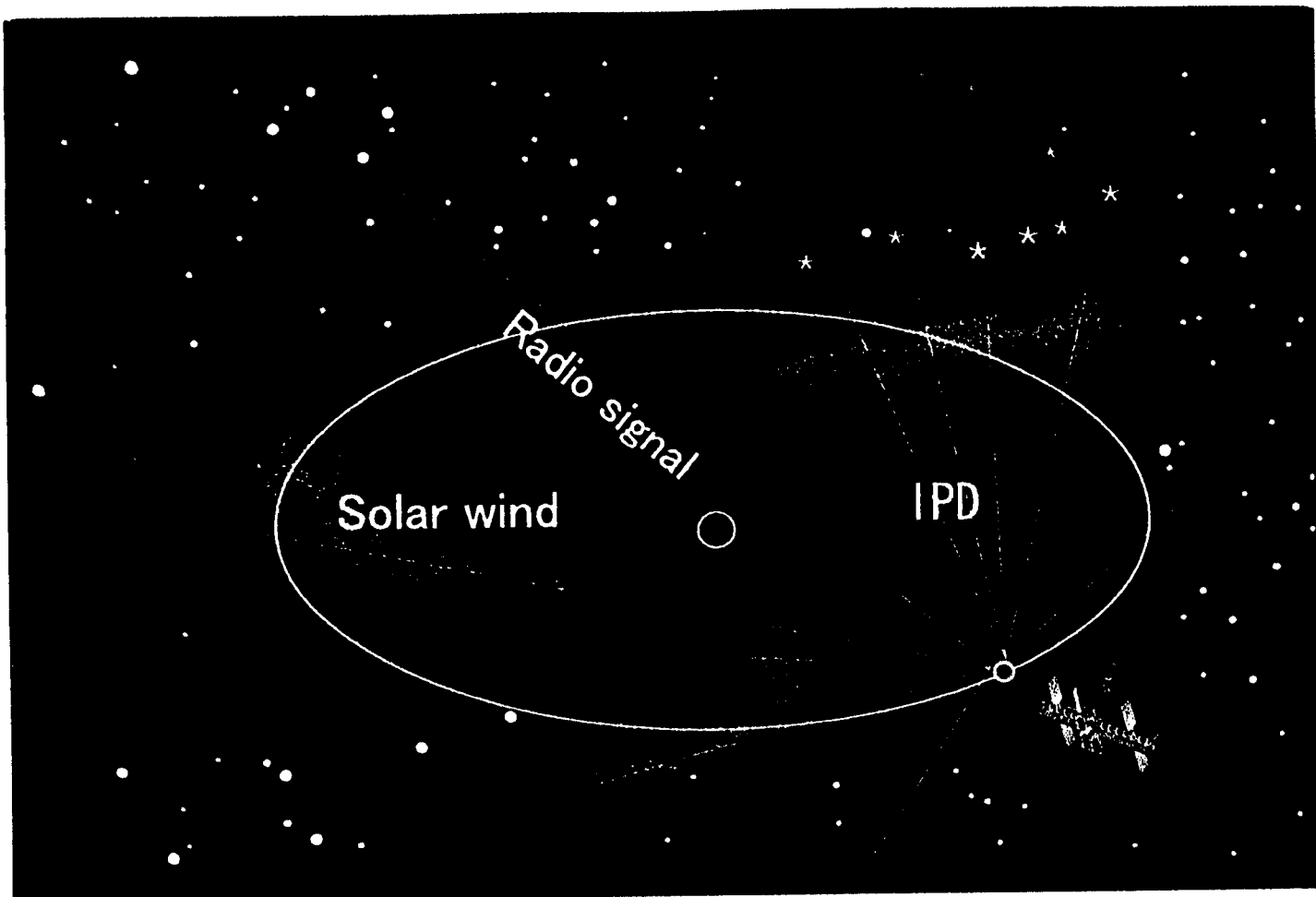




IPS DECONVOLVED VELOCITIES
ROTATION 1985.143
AT 1.0 AU



IPS DECONVOLVED DENSITIES
ROTATION 1965.143
AT 1.0 AU



IP3 observatories

