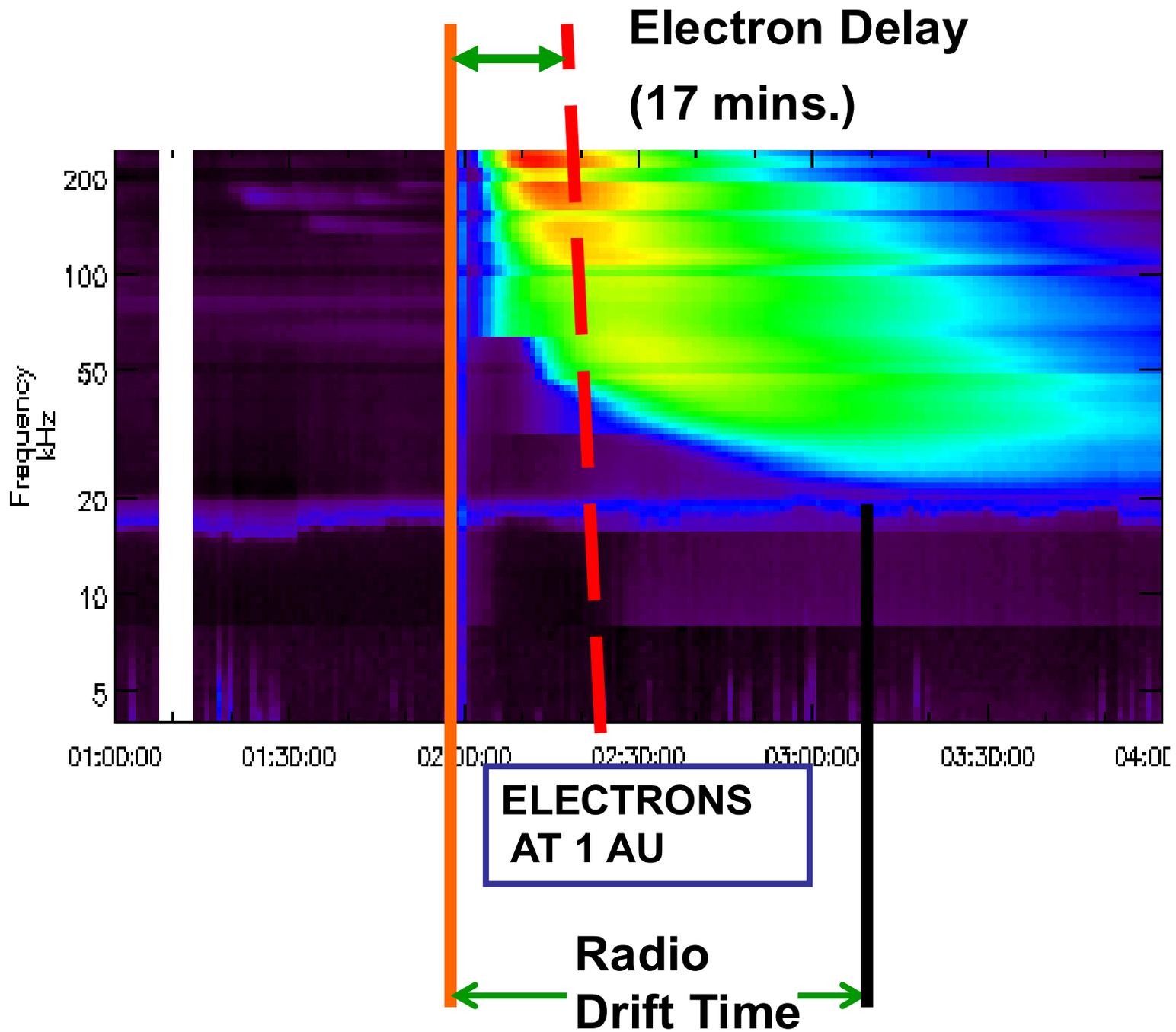


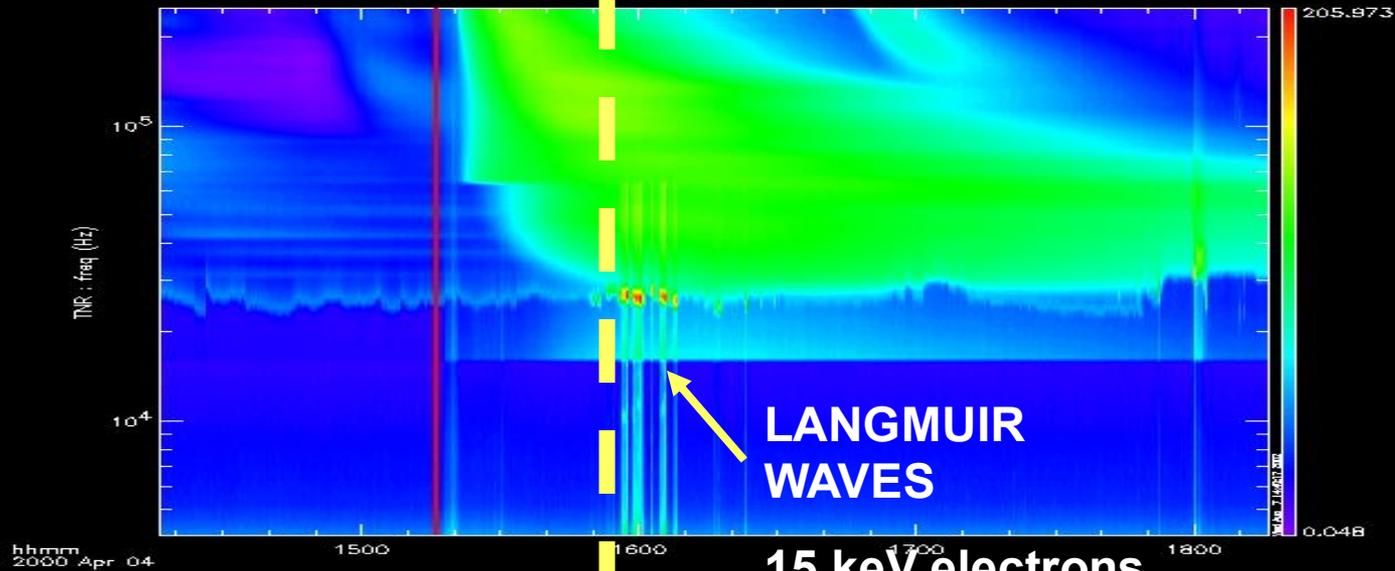
Radio ←

Drift Time

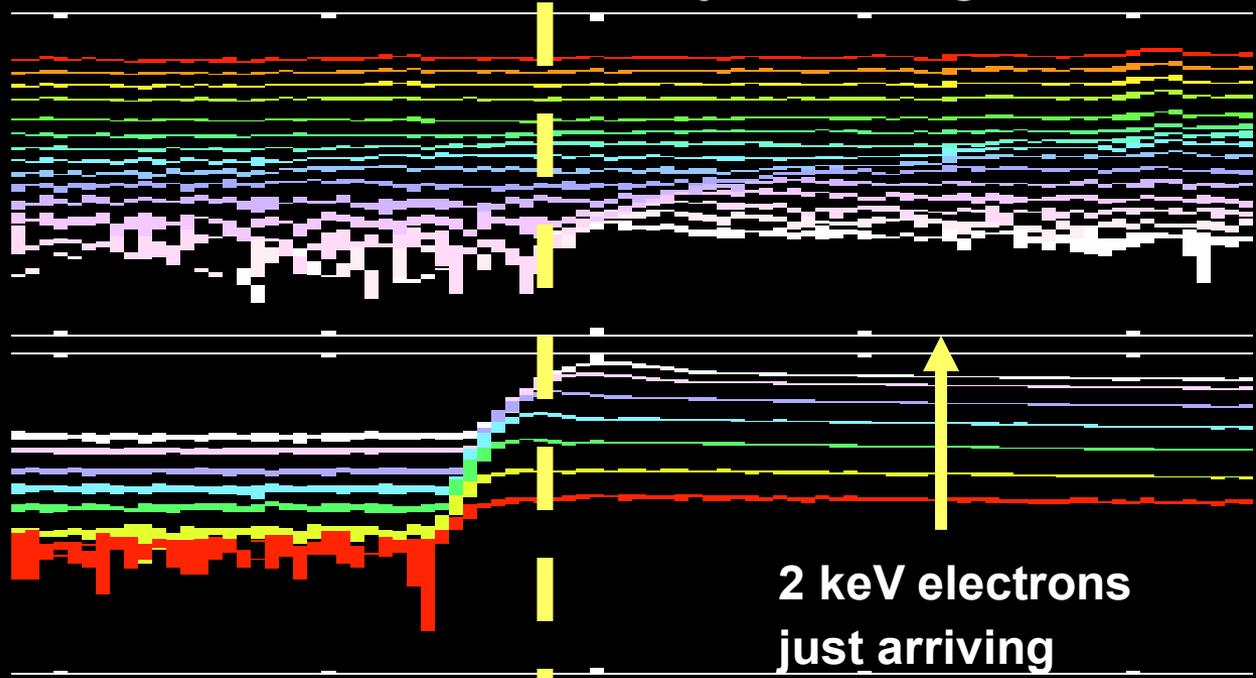
**ELECTRONS  
AT 1 AU**



**TWO POPULATIONS?**



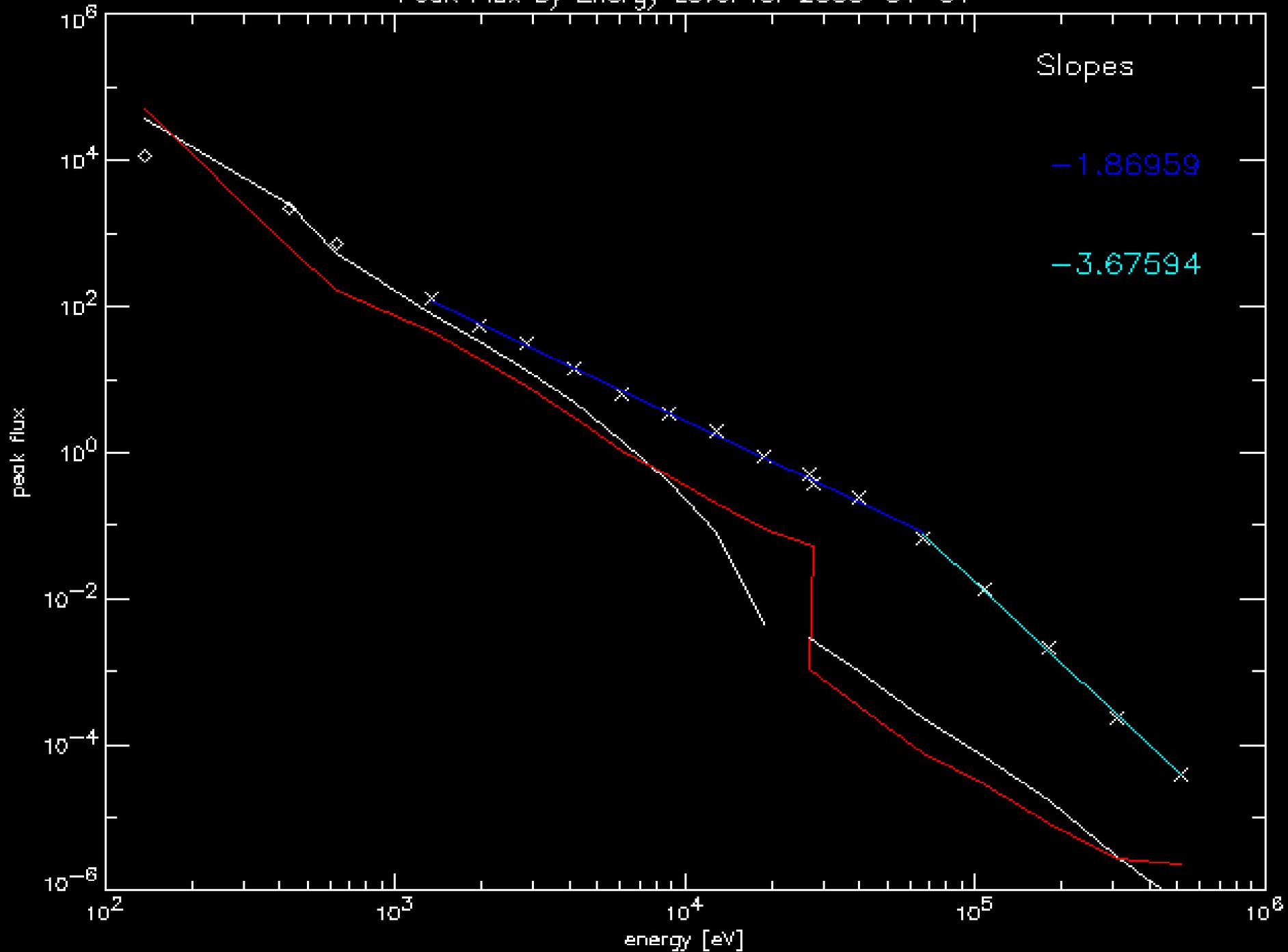
**15 keV electrons  
just arriving**

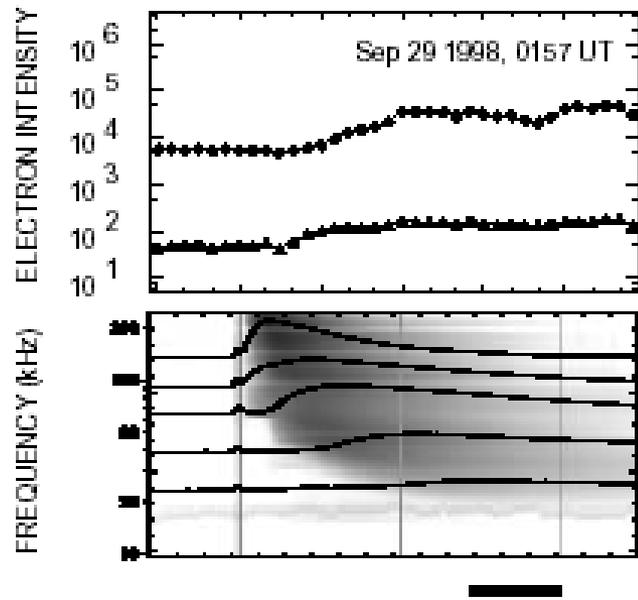
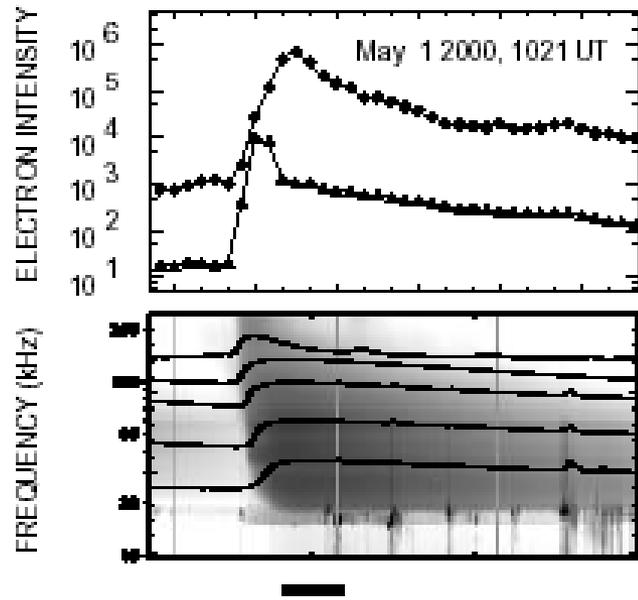


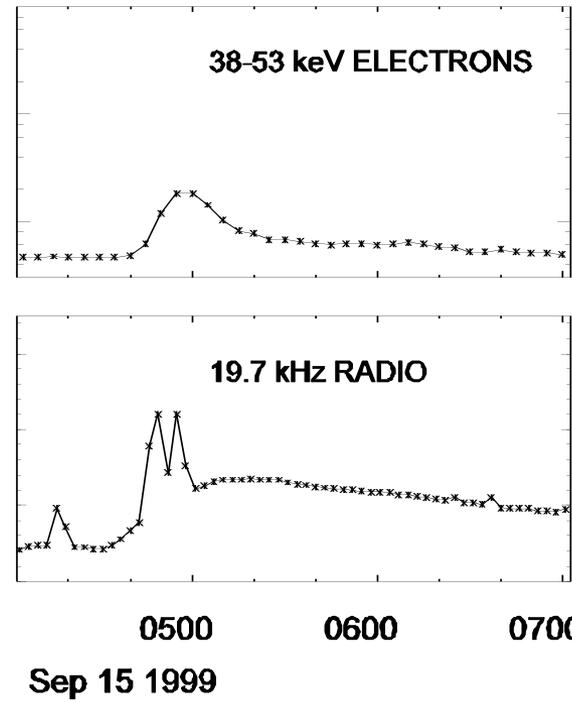
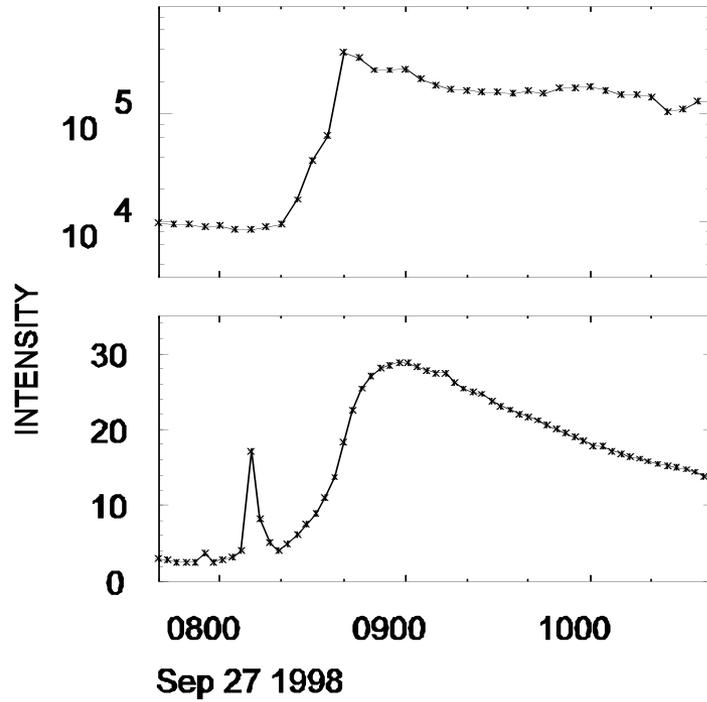
**2 keV electrons  
just arriving**

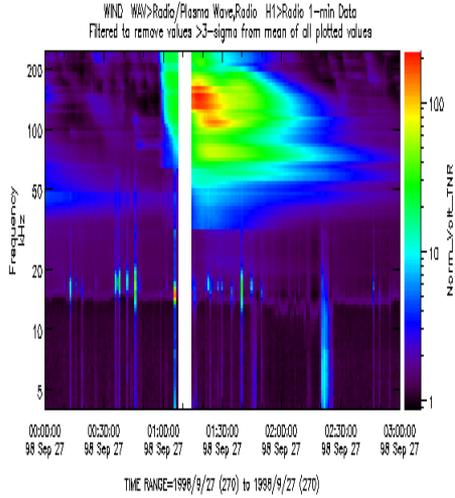


Peak Flux by Energy Level for 2000-04-04

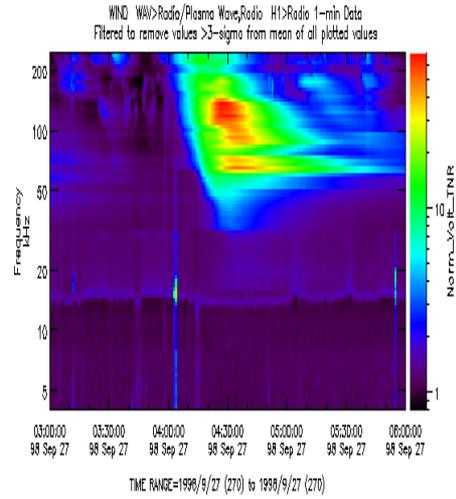




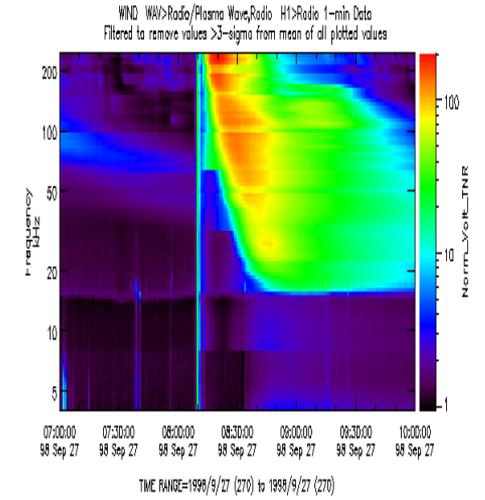




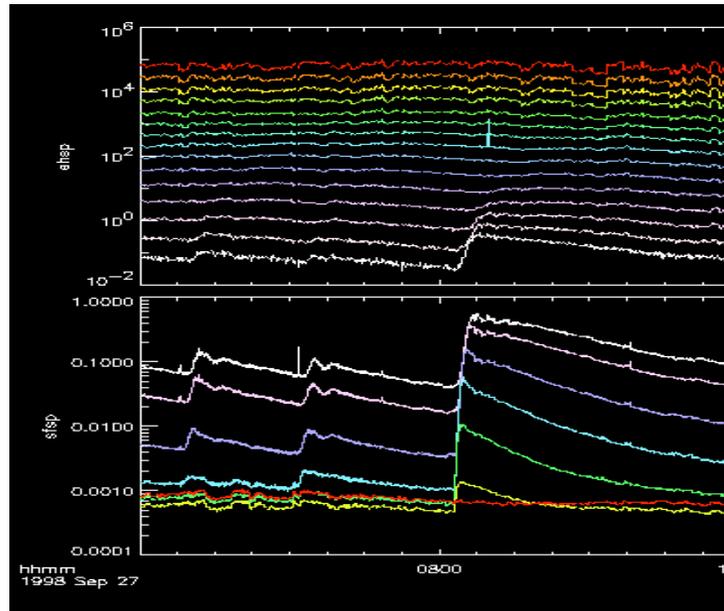
Please acknowledge data provider, W. L. Kaiser at OSFC and CDANeb when using these data.  
Key Parameter and Survey data (labels K0,K1,K2) are preliminary browse data.  
Generated by CDANeb on Fri Apr 12 23:13:43 2002.



Please acknowledge data provider, W. L. Kaiser at OSFC and CDANeb when using these data.  
Key Parameter and Survey data (labels K0,K1,K2) are preliminary browse data.  
Generated by CDANeb on Fri Apr 12 23:14:36 2002.

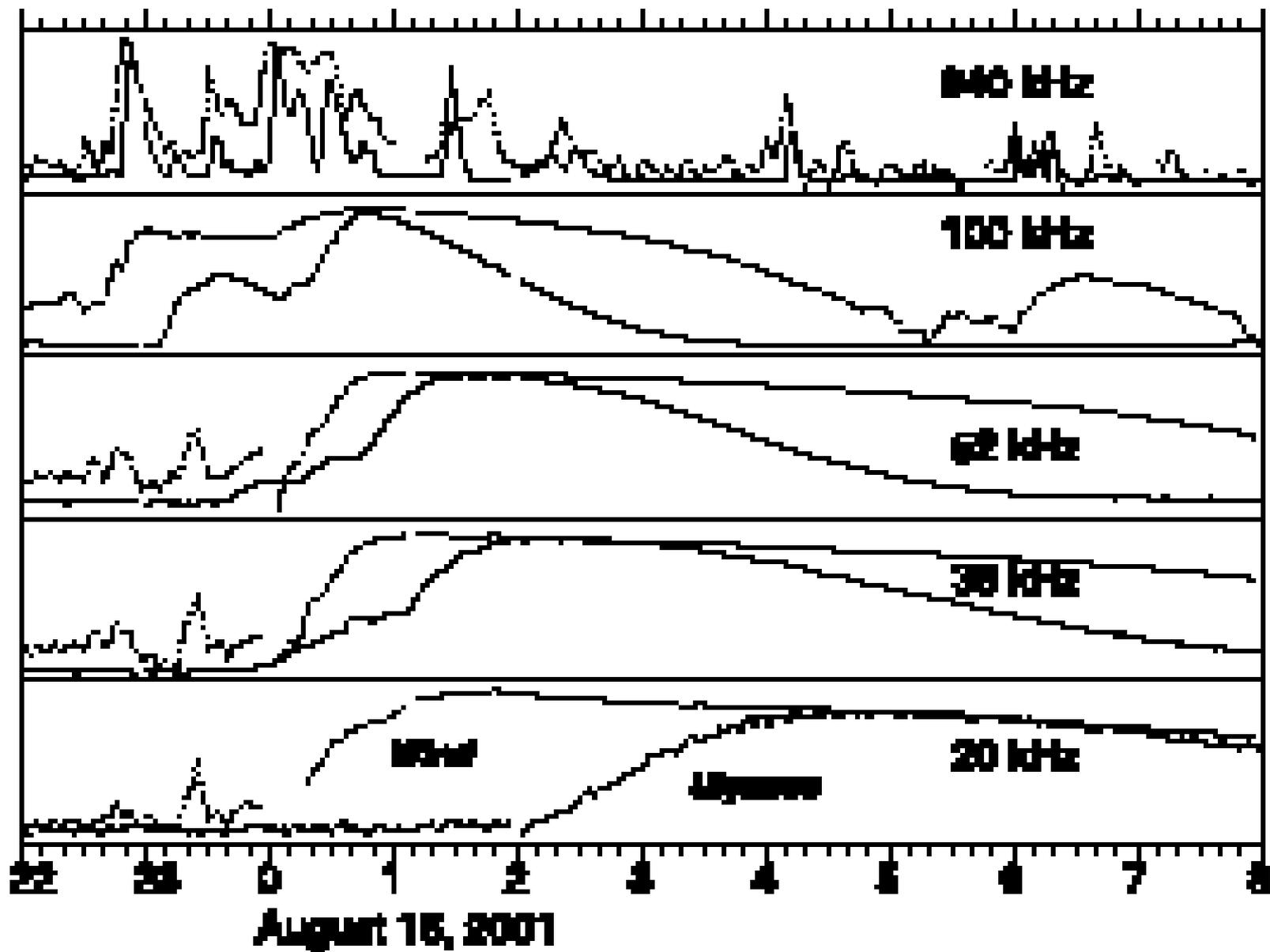


Please acknowledge data provider, W. L. Kaiser at OSFC and CDANeb when using these data.  
Key Parameter and Survey data (labels K0,K1,K2) are preliminary browse data.  
Generated by CDANeb on Fri Apr 12 23:15:47 2002.



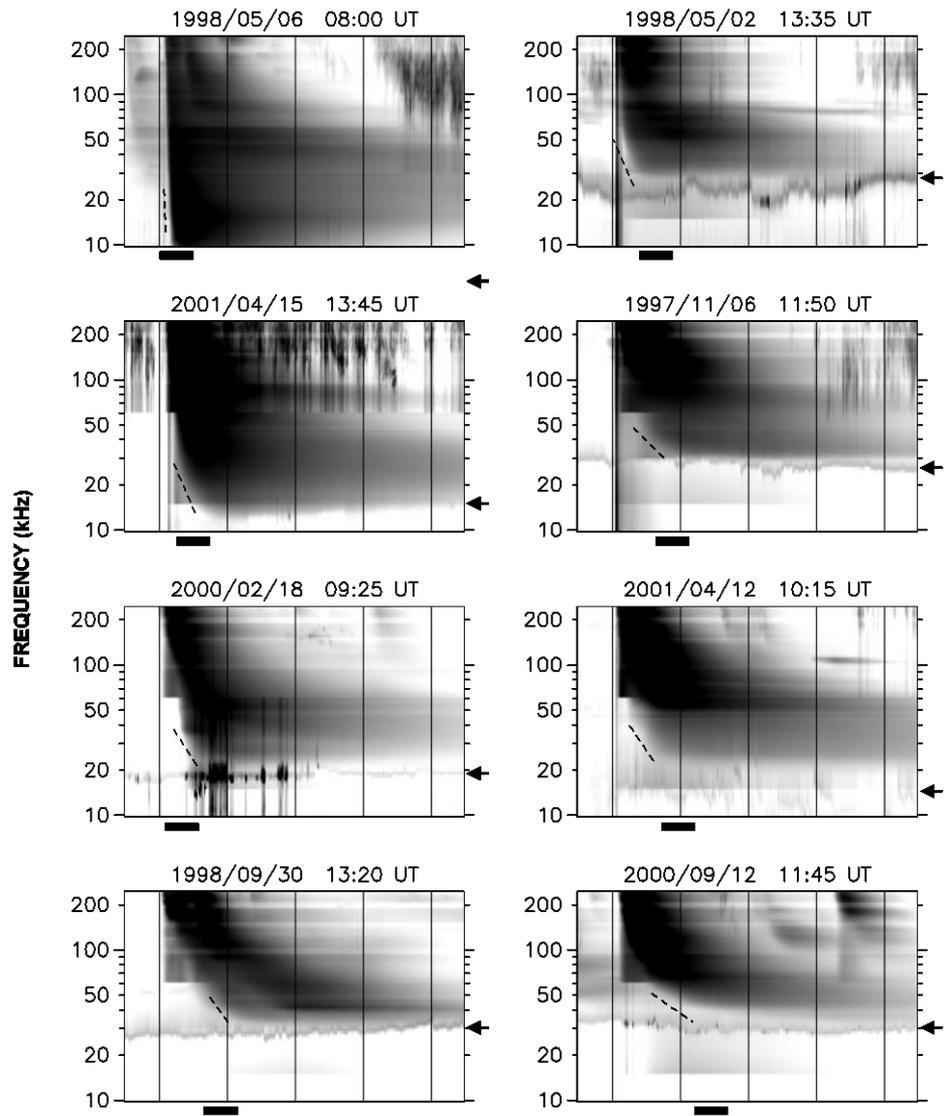
# **ANOMALOUS DELAYS**

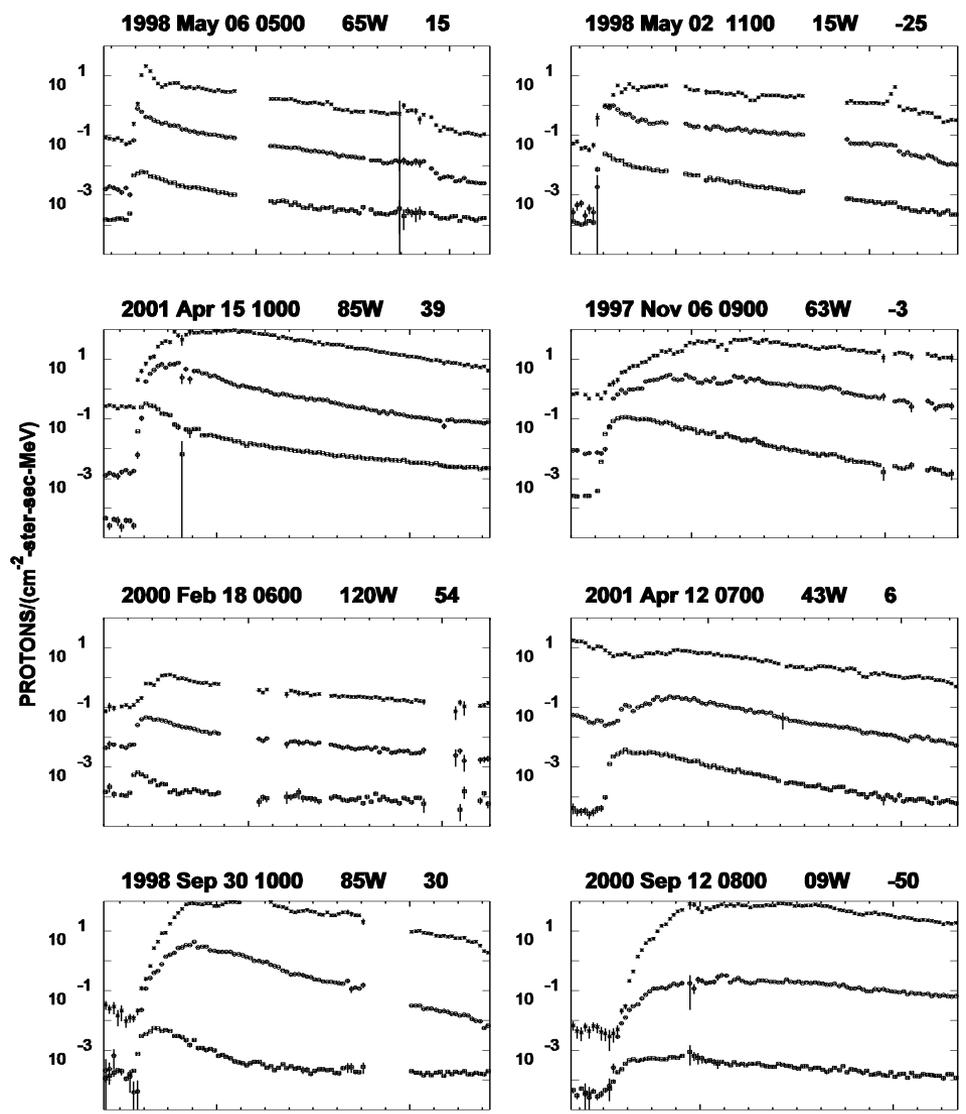
**RADIO INTENSITY (ARBITRARY UNITS)**

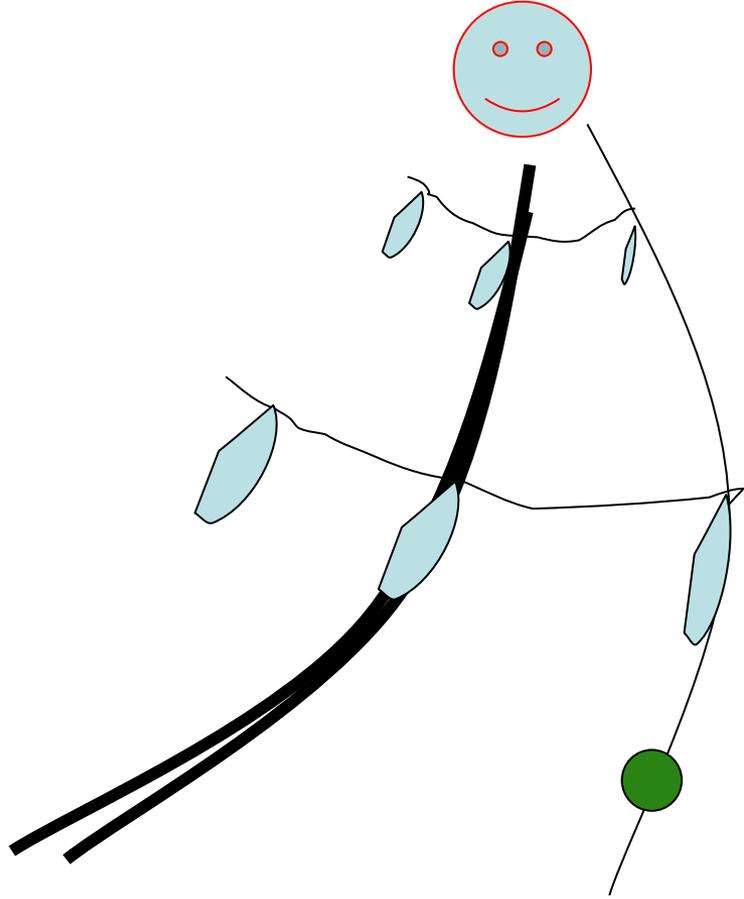


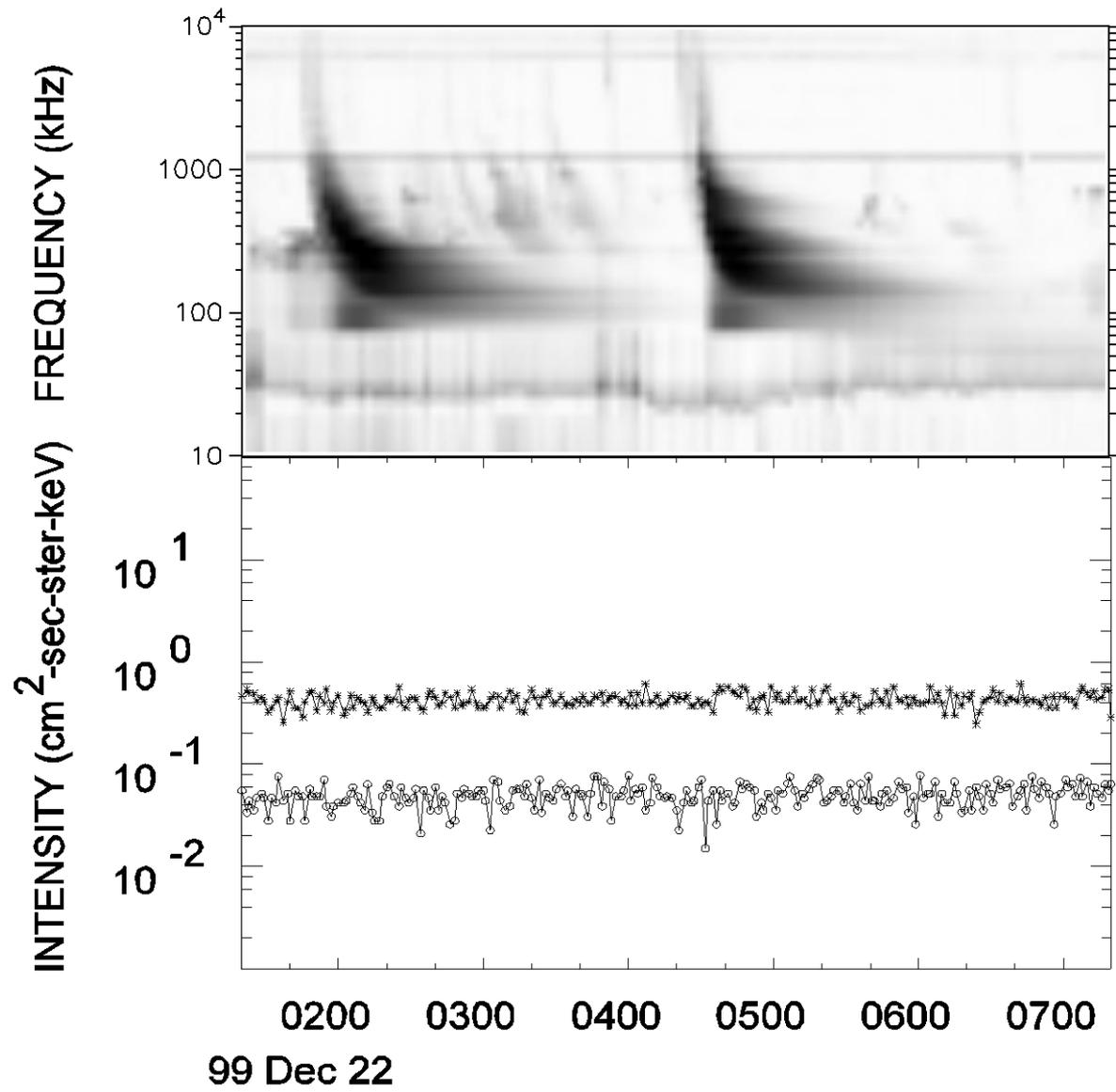


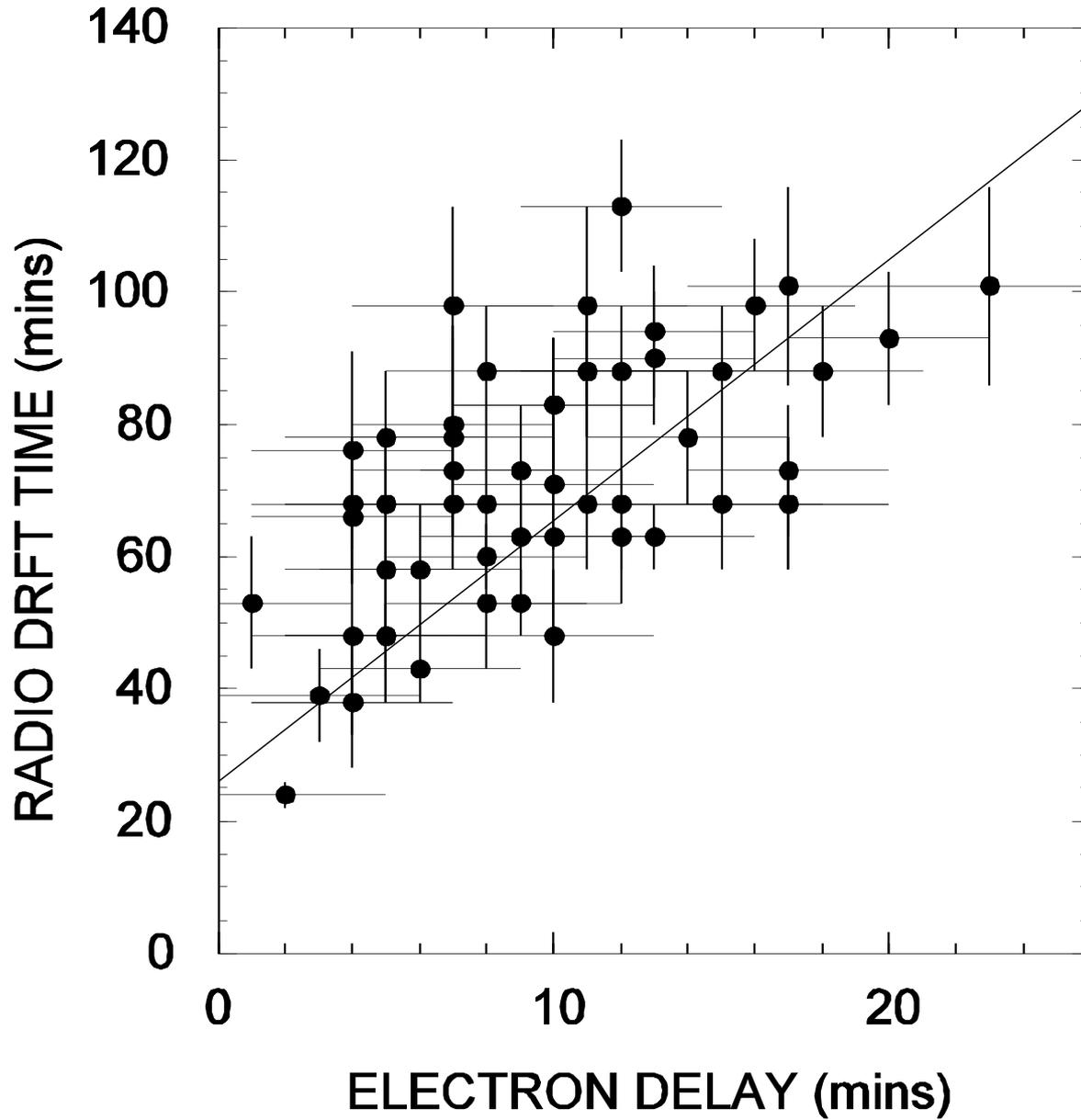




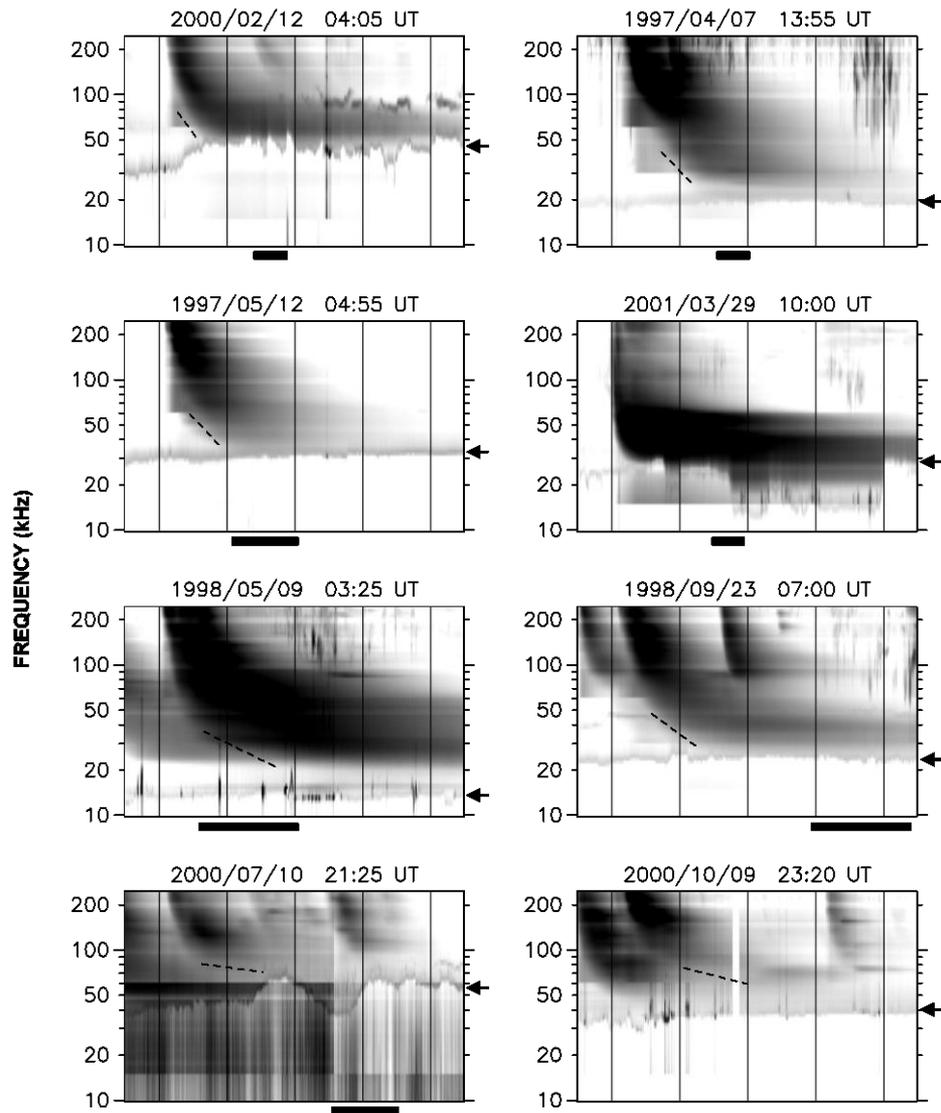


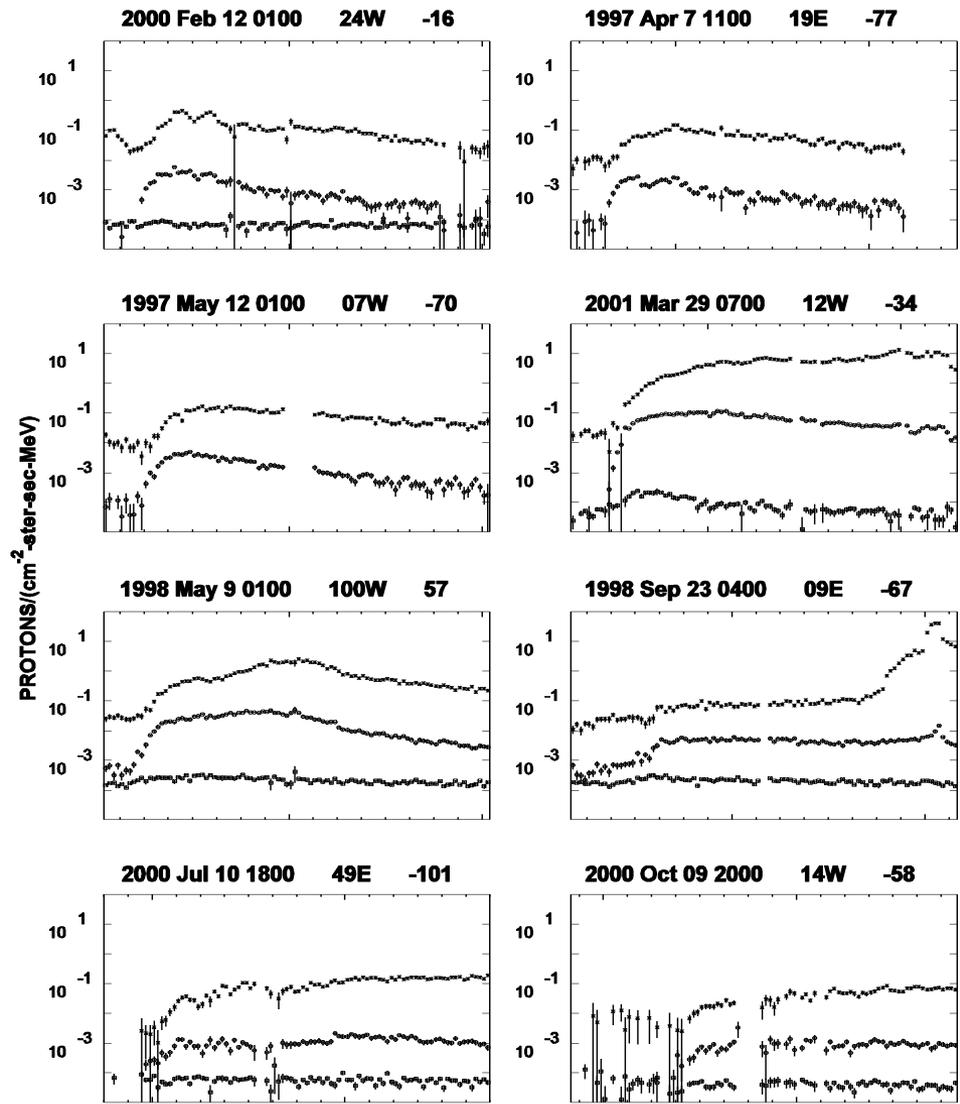


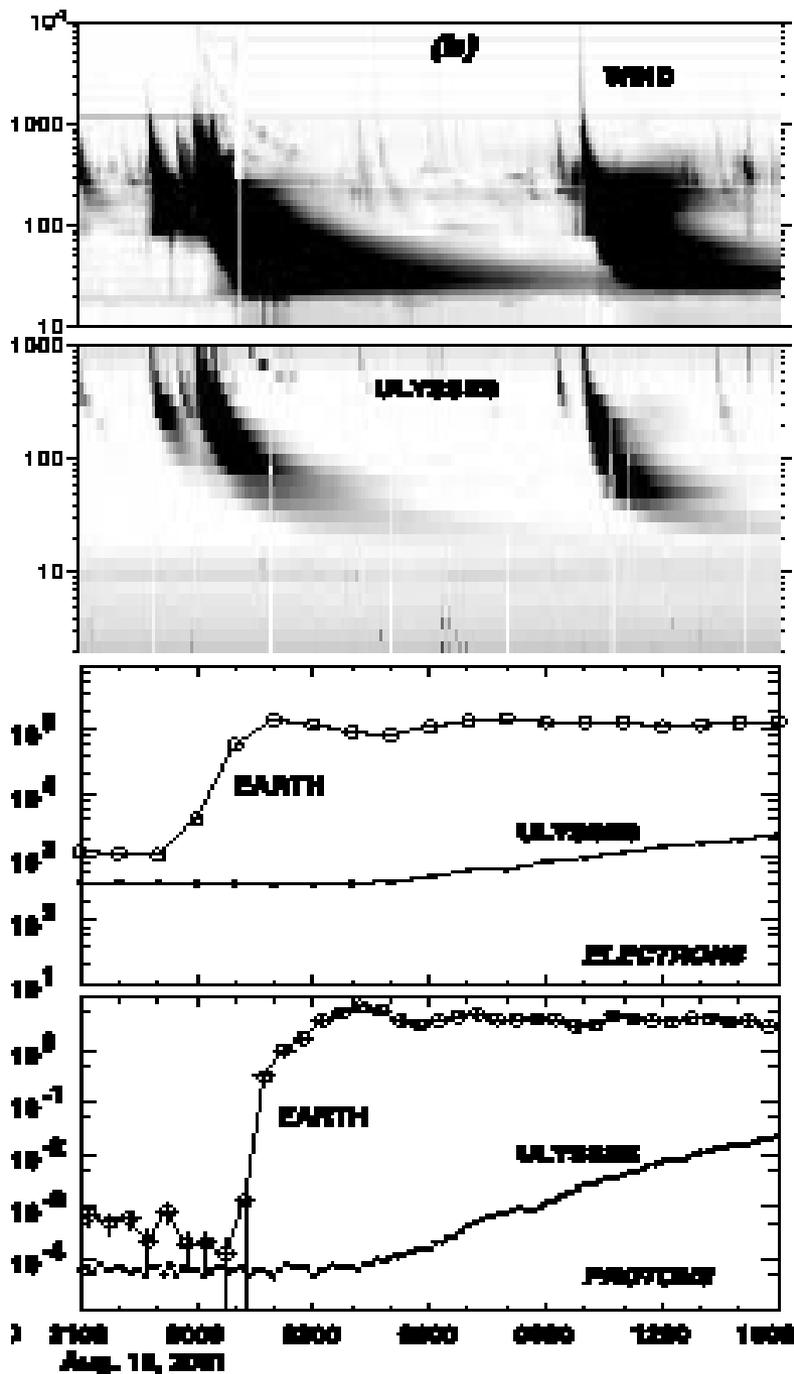




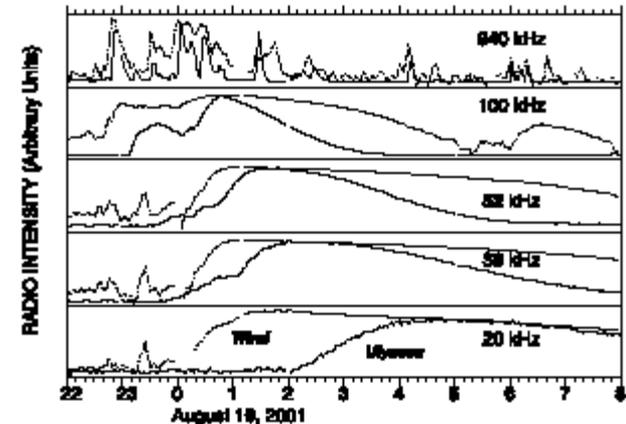
**CANE, 2003**

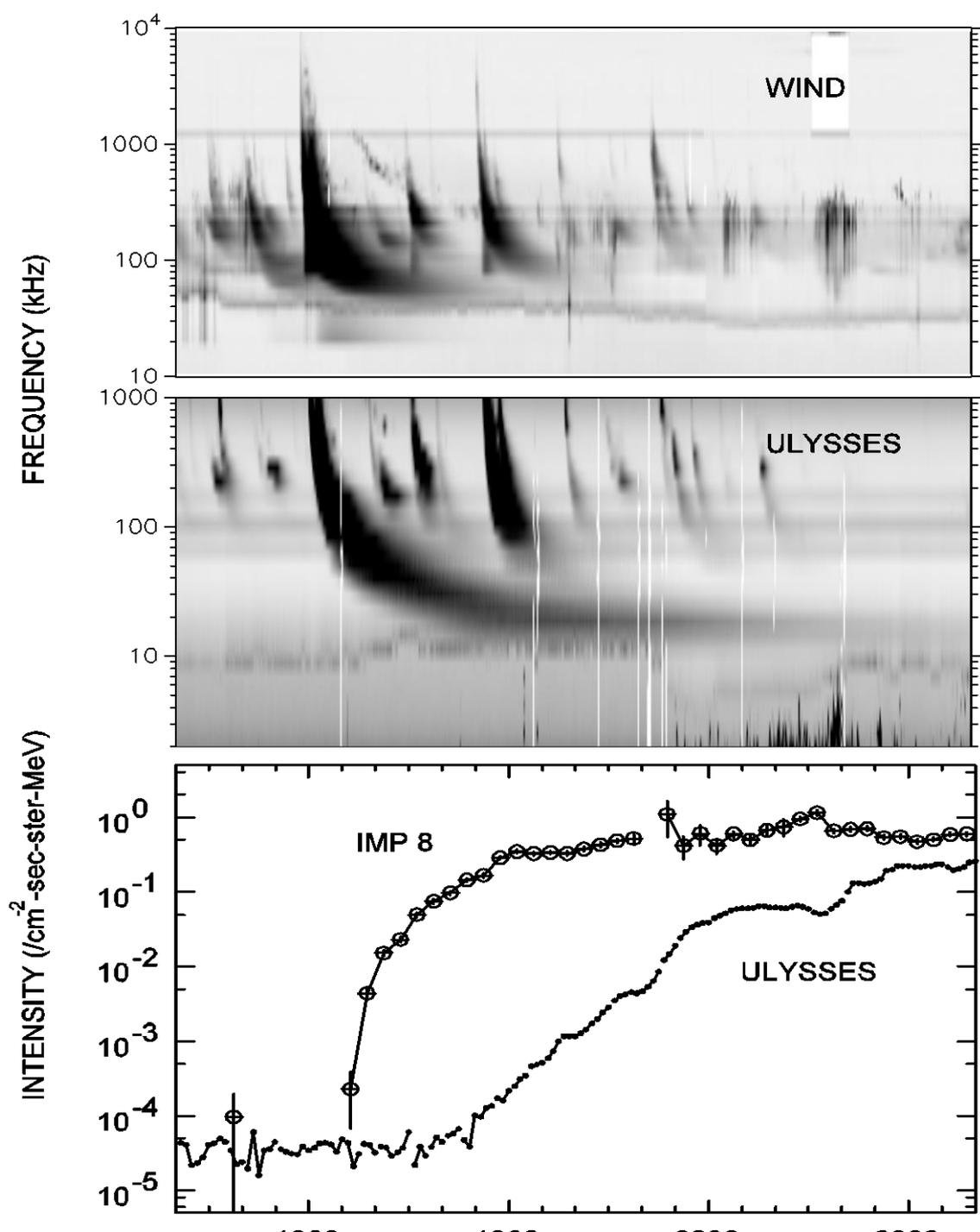






**TYPE III-I BURST SEEN BY WIND AND ULYSSES. THE EMISSION AT 20 kHz IS DELAYED AT ULYSSES. THIS MUST BE BECAUSE THE ELECTRONS ARRIVE LATER AND TAKE LONGER TO TRAVEL THE SAME EFFECTIVE RADIAL DISTANCE**





# CONCLUSIONS

ELECTRON DELAYS OCCUR IN  
THE INTERPLANETARY MEDIUM  
AND *NOT* AT THE SUN

NO EVIDENCE FOR TWO  
POPULATIONS