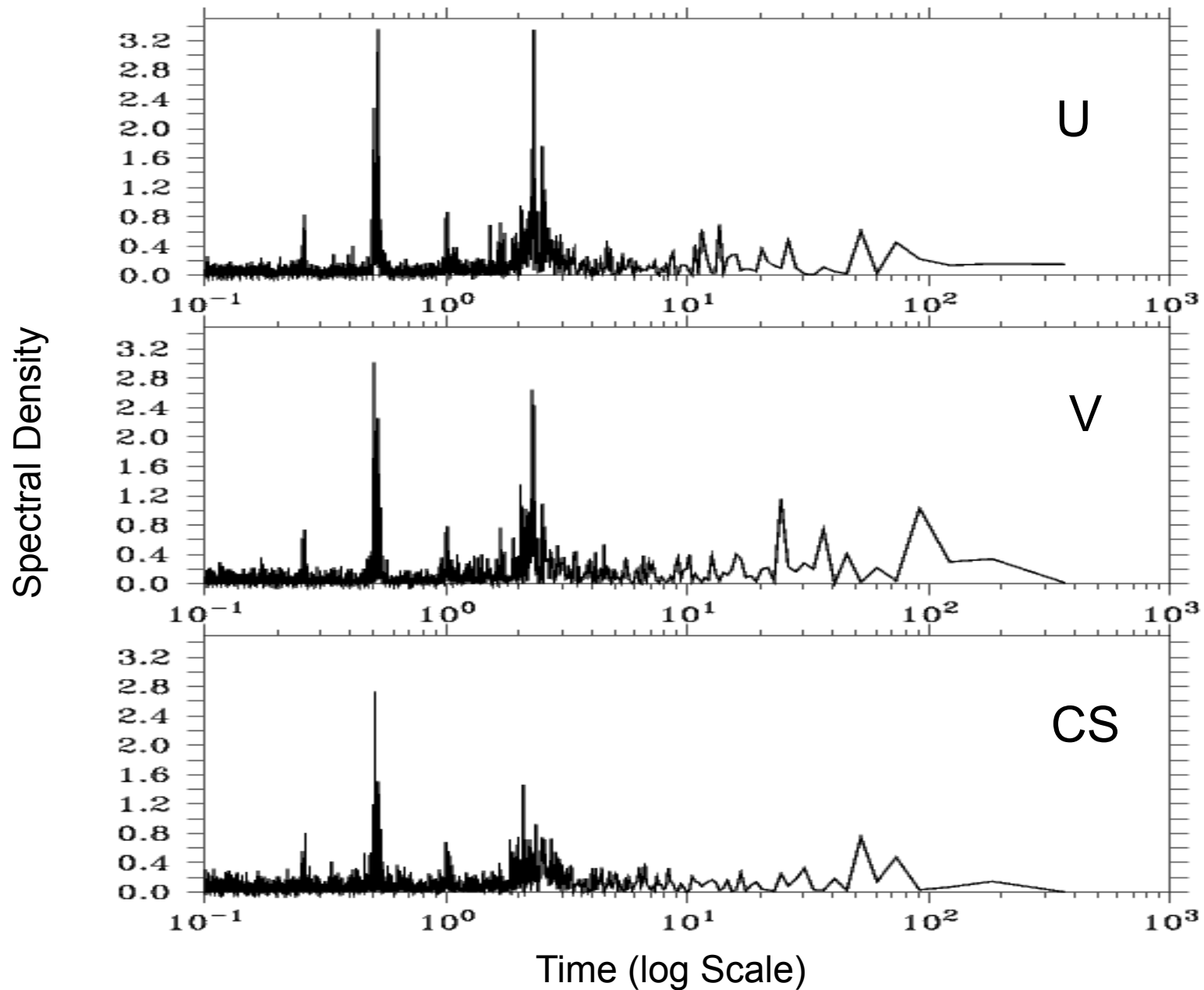


# Emerging Trends in Ocean Observations and Ocean Data Analysis

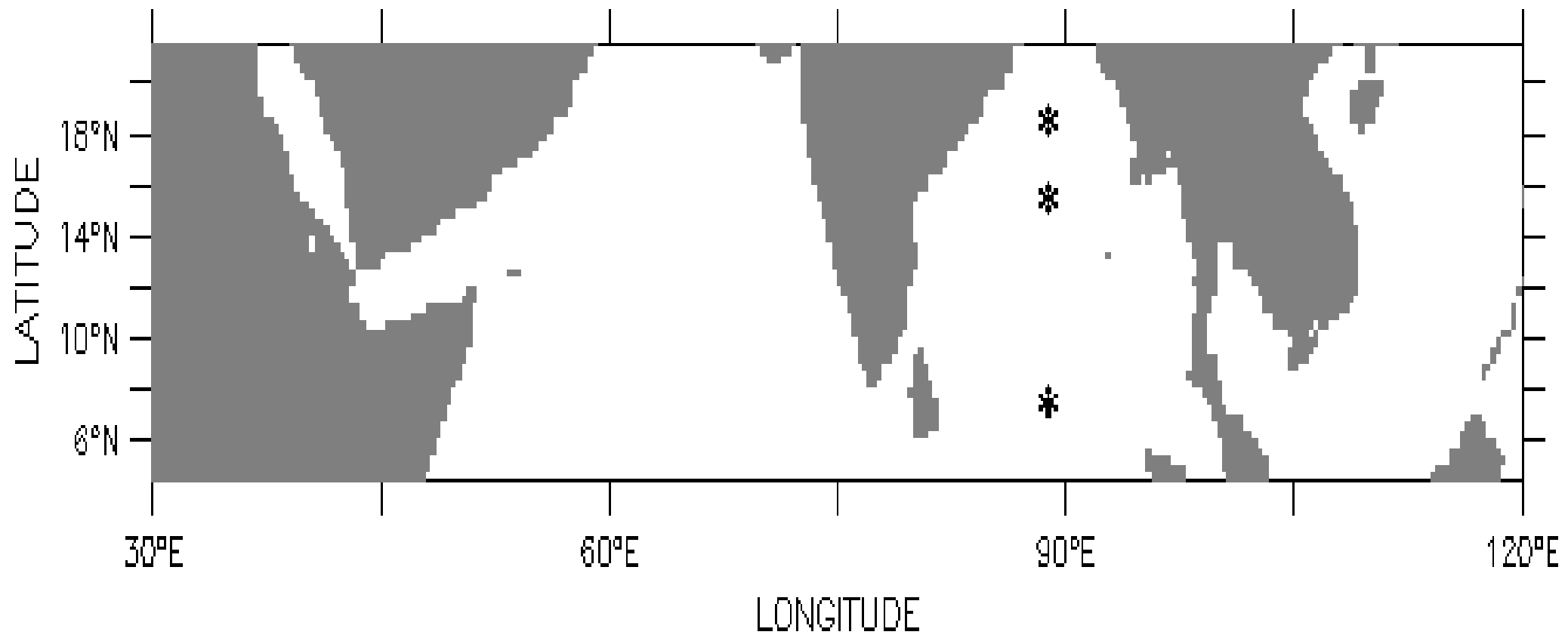
**Group 2**

INCOIS  
Hyderabad

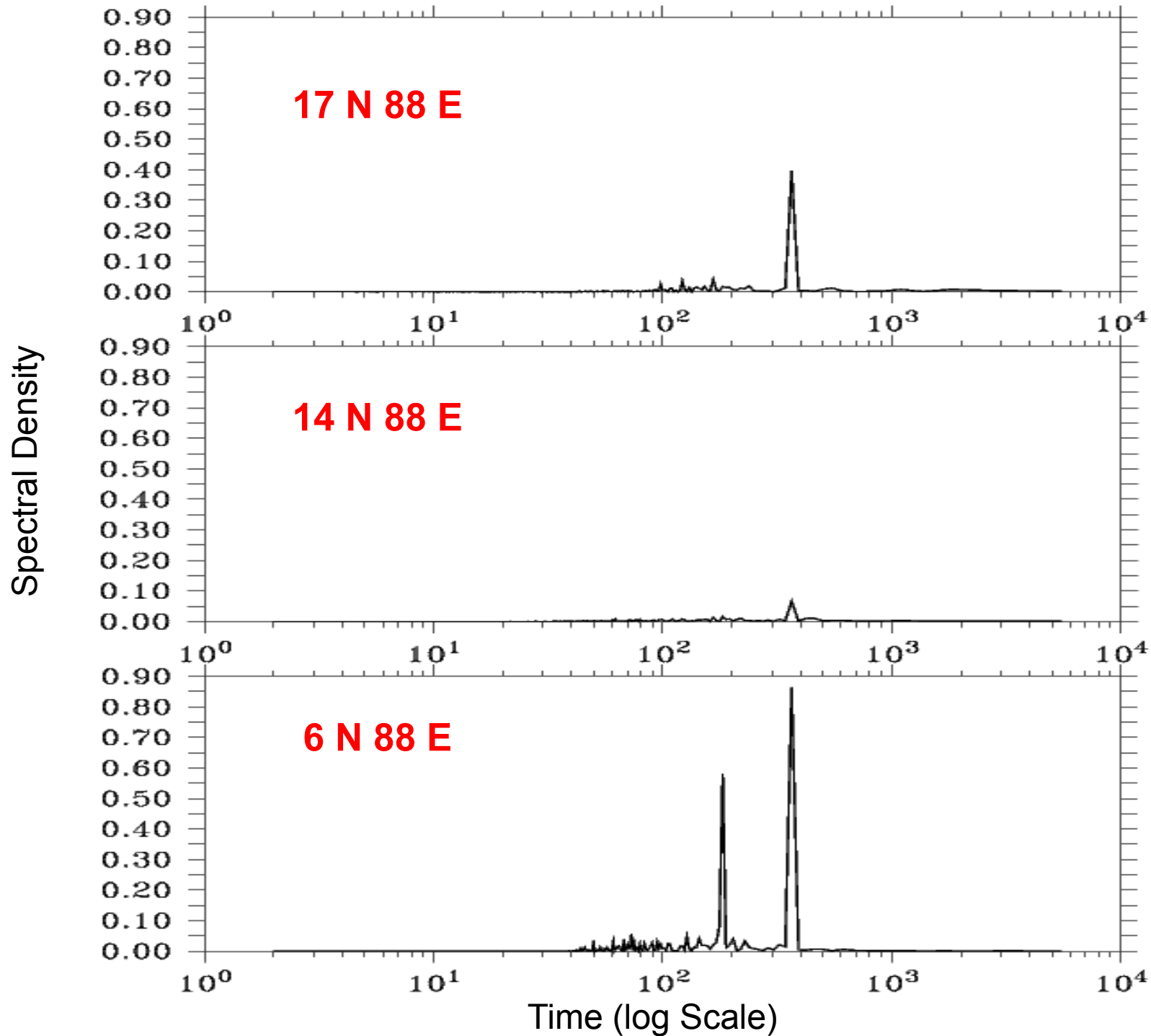
# ADCP(12N,90E,30m) Data FFT Analysis



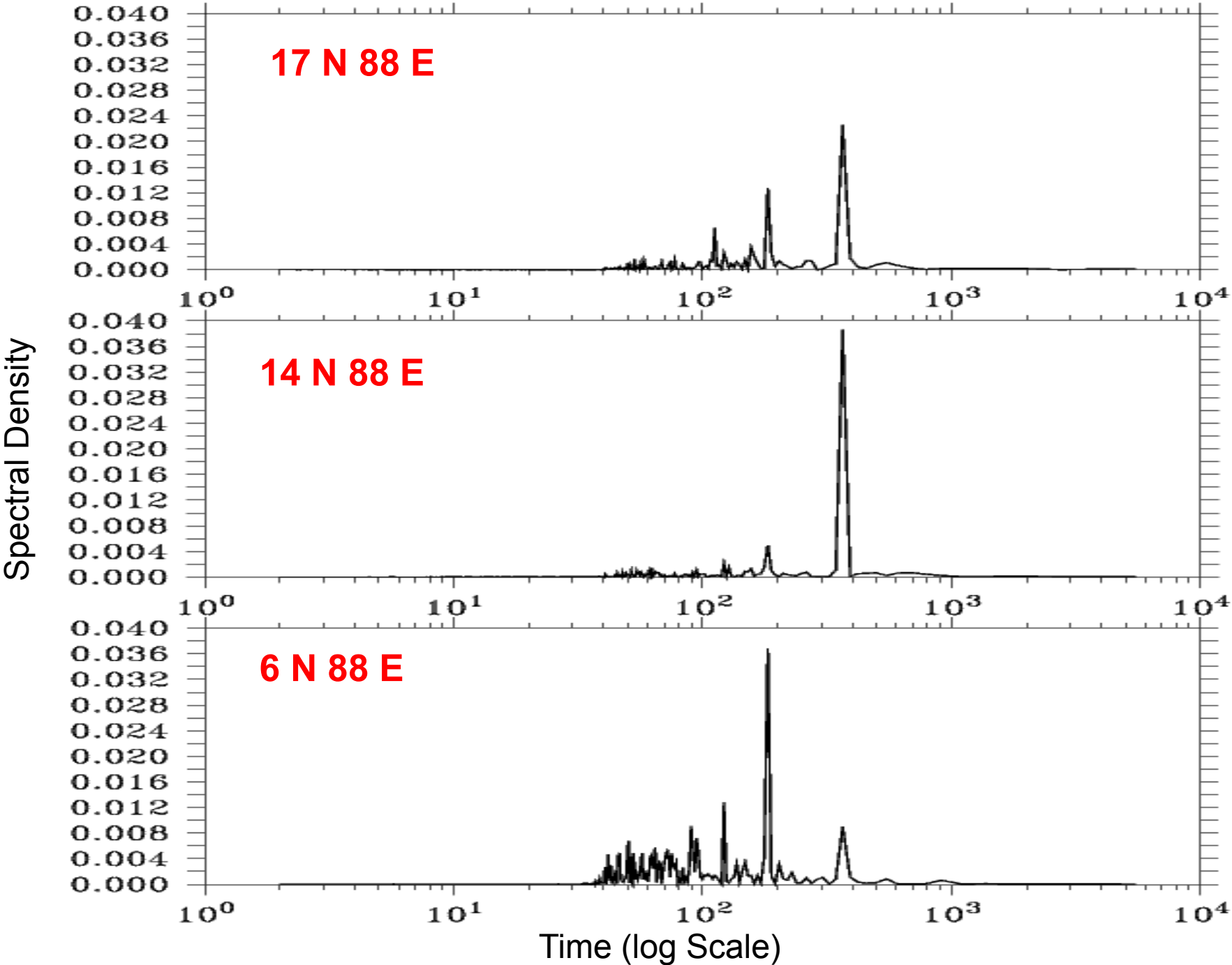
- 1) 17N,88E
- 2) 14N,88E
- 3) 6N,88E



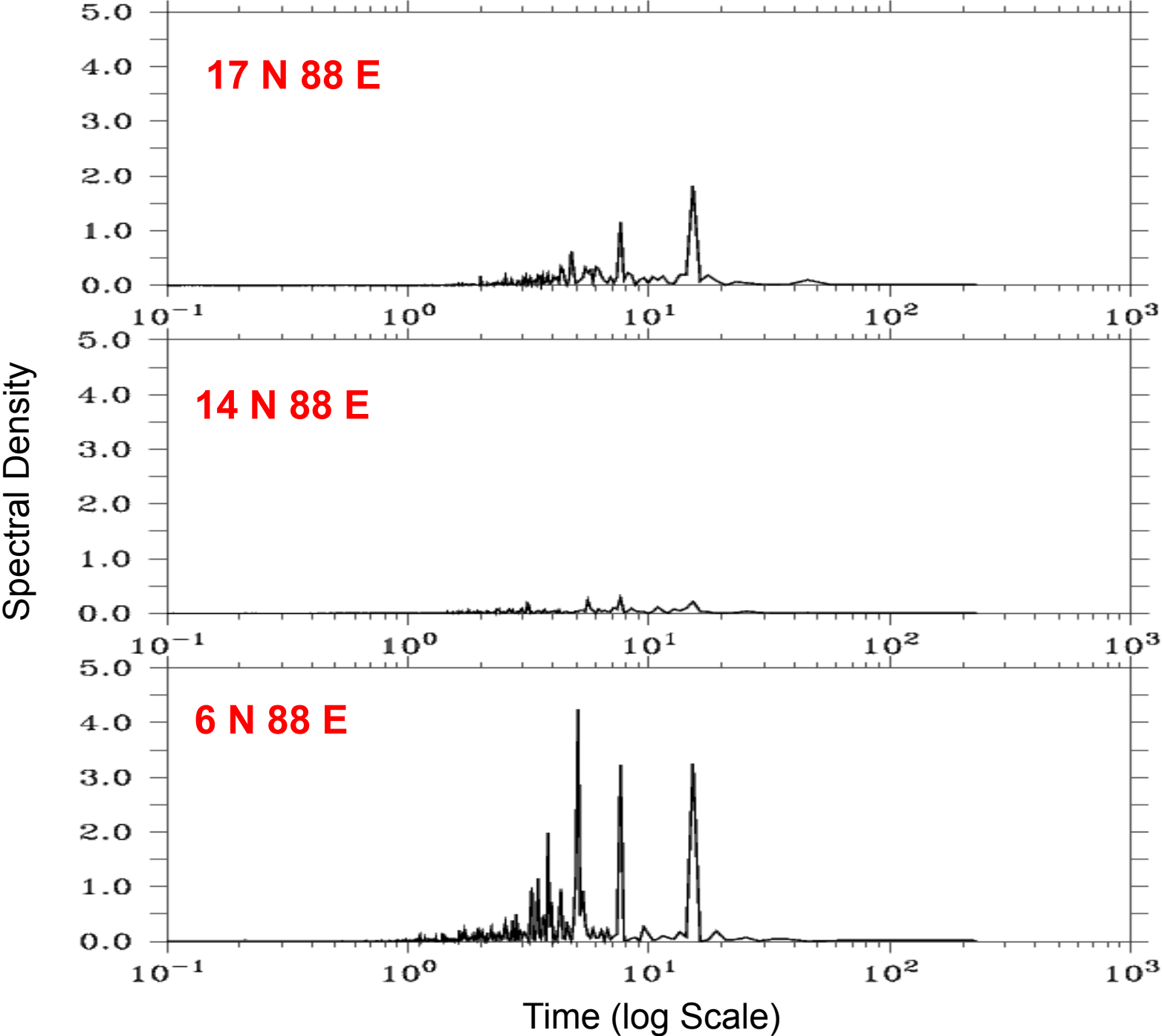
# OSCAR Data FFT Analysis for Zonal Current



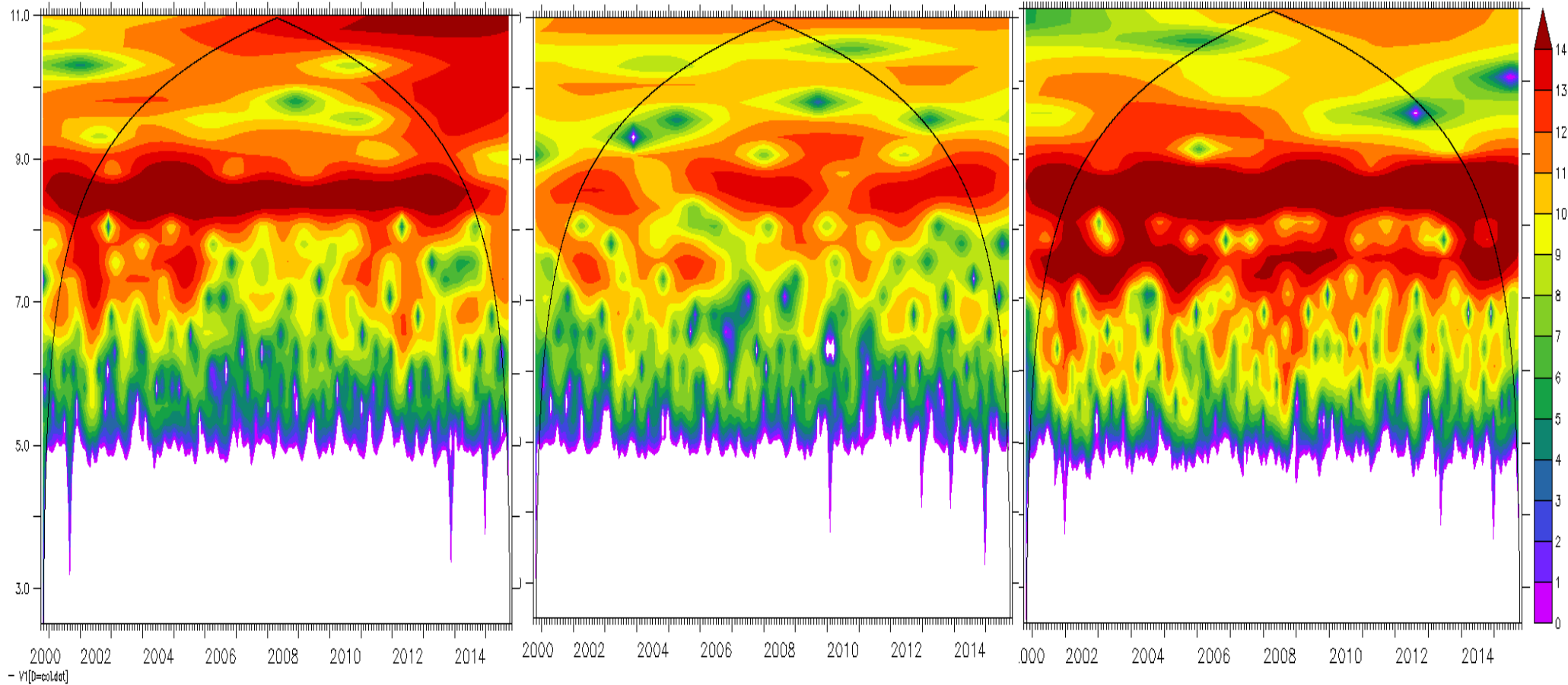
# OSCAR Data FFT Analysis for Merdional Current



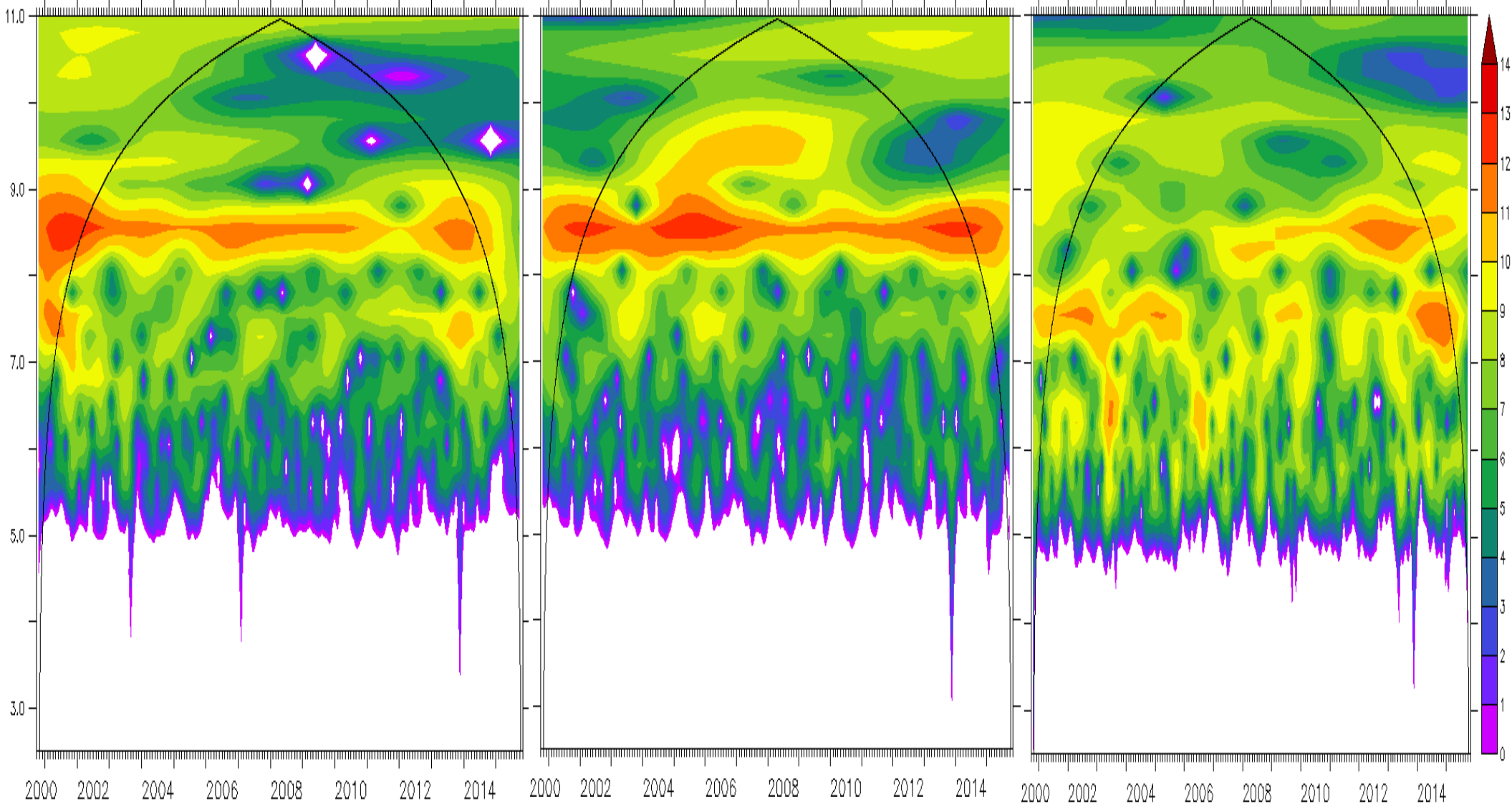
# OSCAR Data FFT Analysis for Current Speed



# Zonal Current-Wavelet Analysis

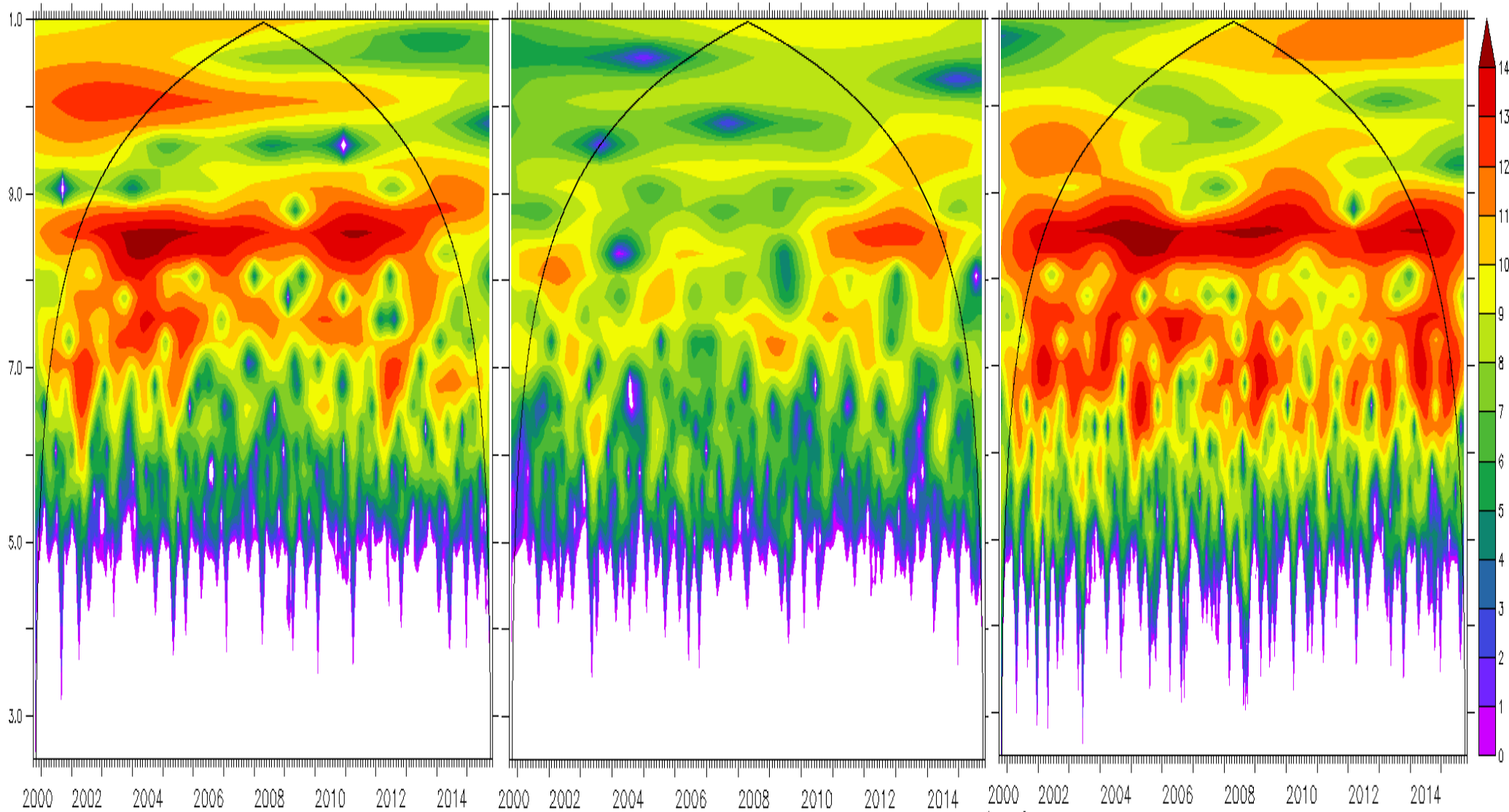


# Meridional Current-Wavelet Analysis

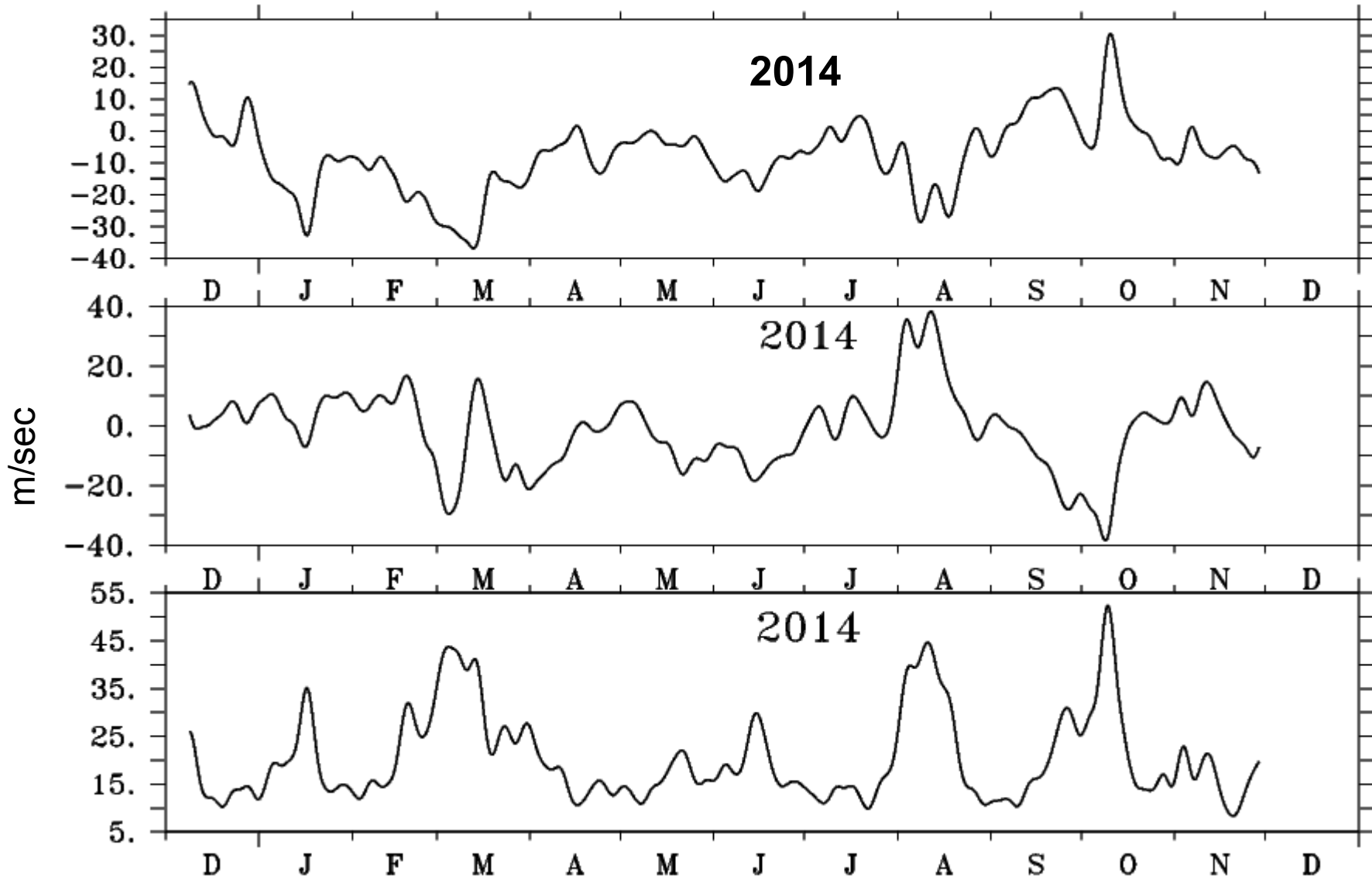




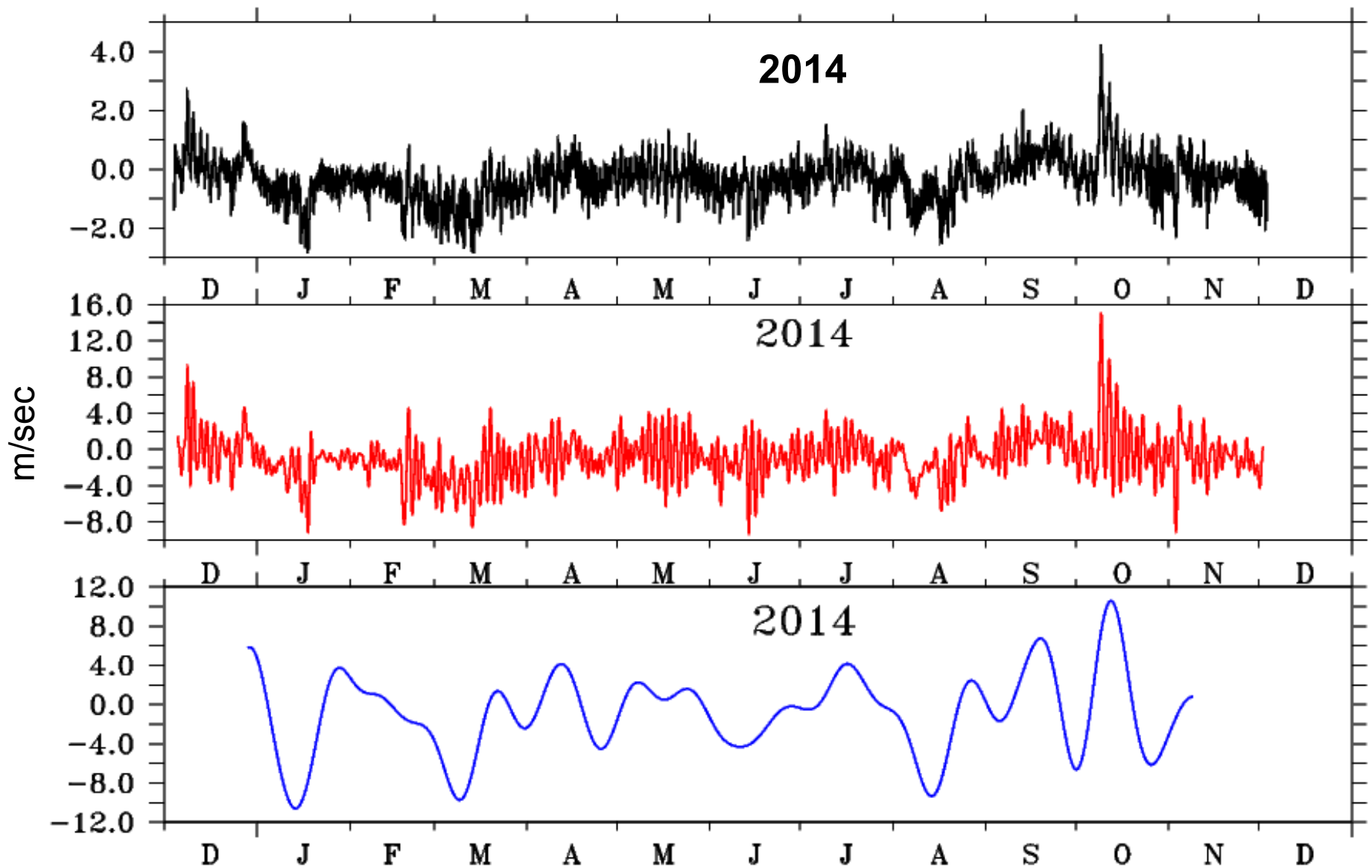
# Current Speed-Wavelet Analysis



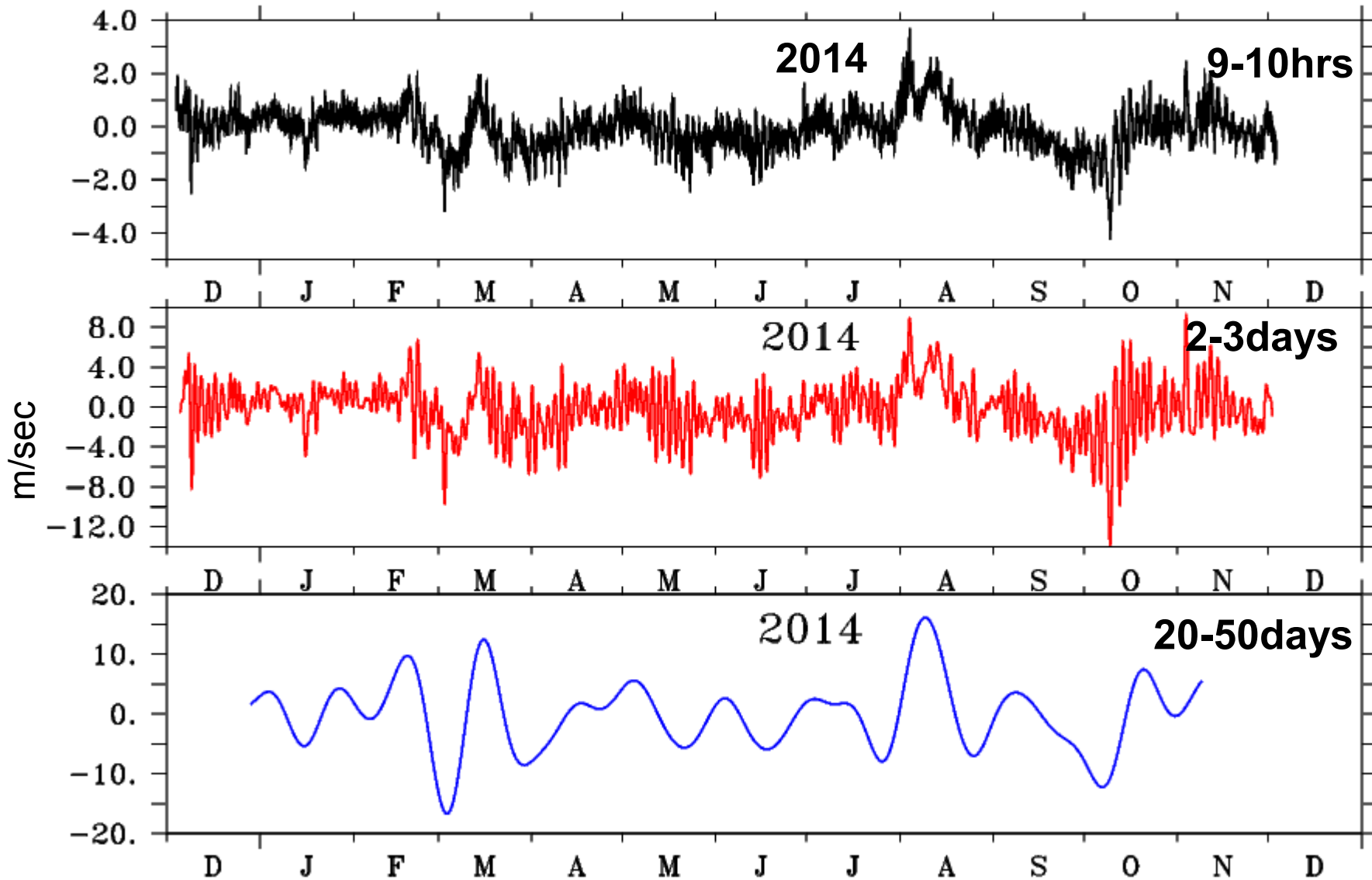
# Low Pass (10 days) Filter



# Band Pass Filter - Zonal Current



# Band Pass Filter - Meridional Current



# Band Pass Filter - Current Speed

