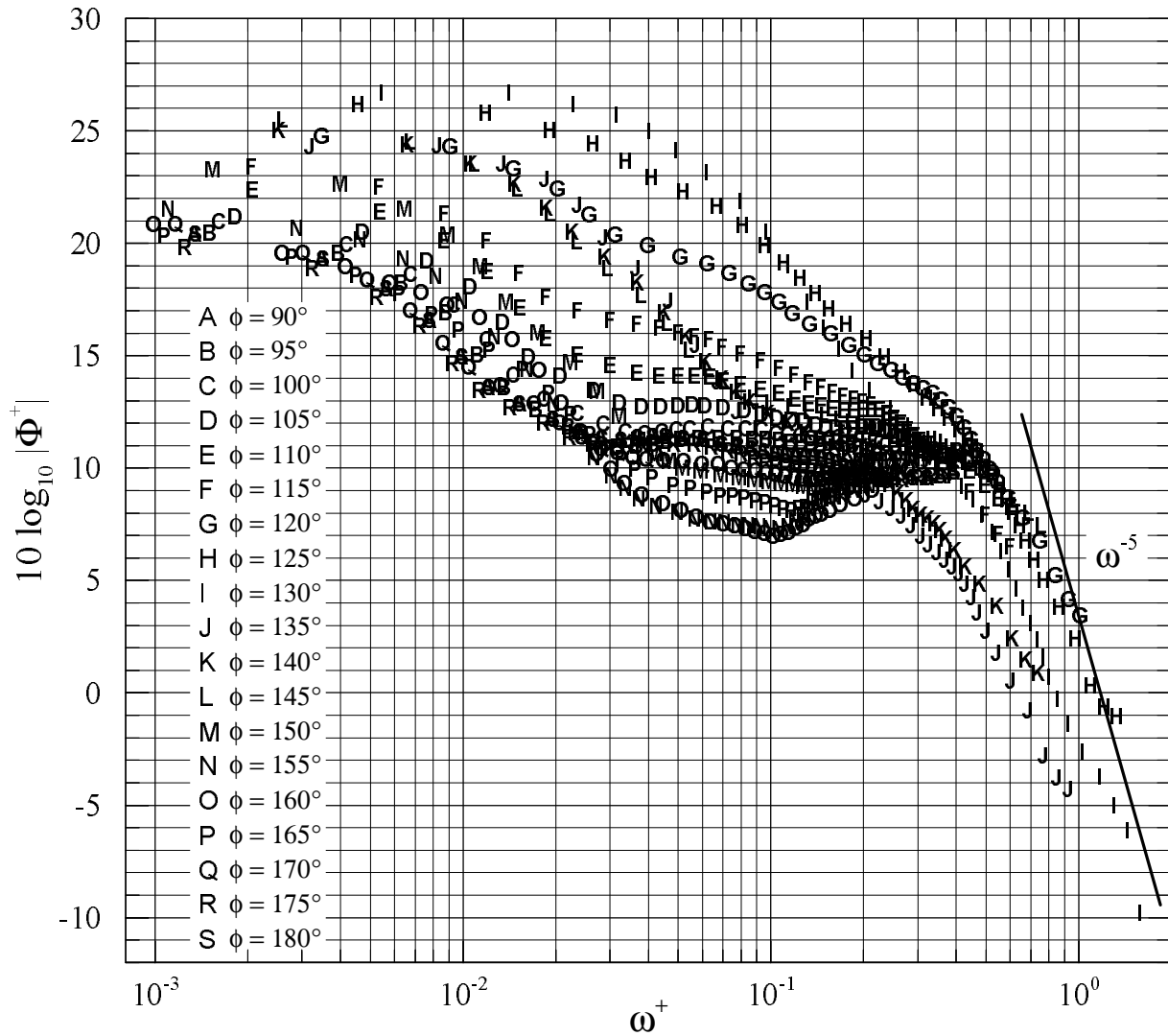
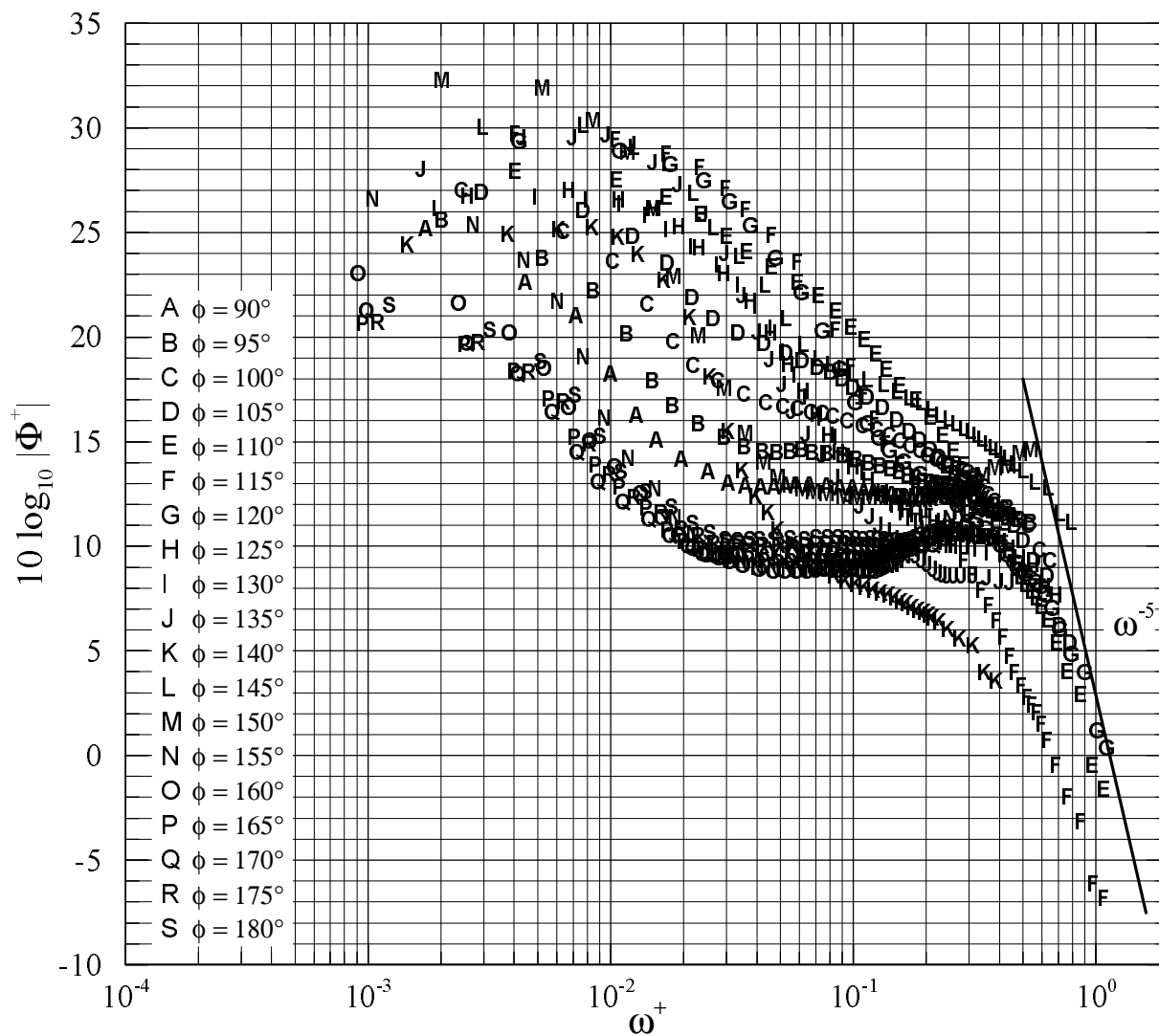


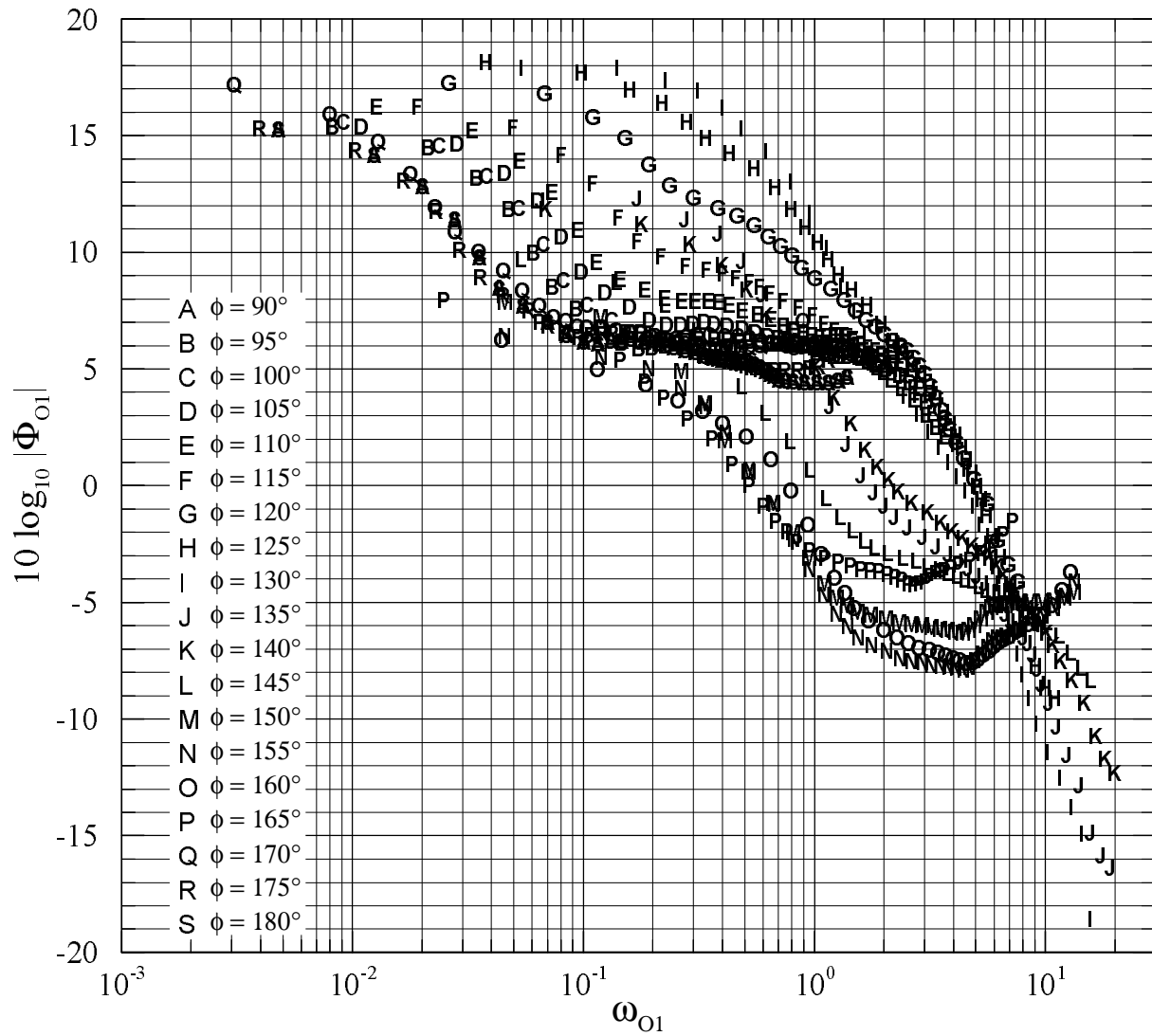
**Figure 119.** Power spectra of surface pressure fluctuations at  $\alpha = 20^\circ$ ,  $x/L = 0.772$ .



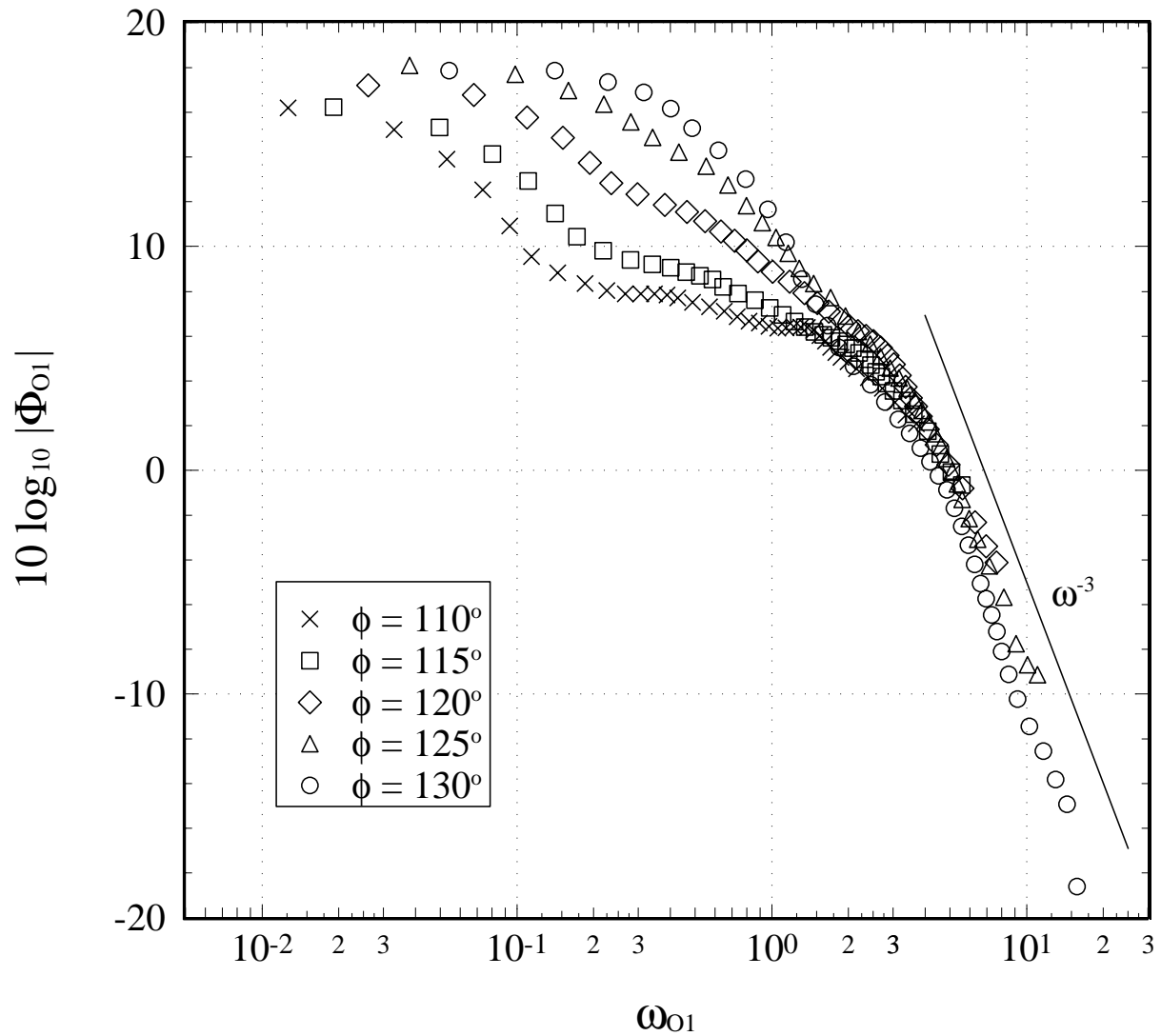
**Figure 120.** Power spectra of surface pressure fluctuations at  $\alpha = 20^\circ$ ,  $x/L = 0.600$  normalized using  $\nu/u_\tau^2$  as the time scale and  $\tau_w$  as the pressure scale.



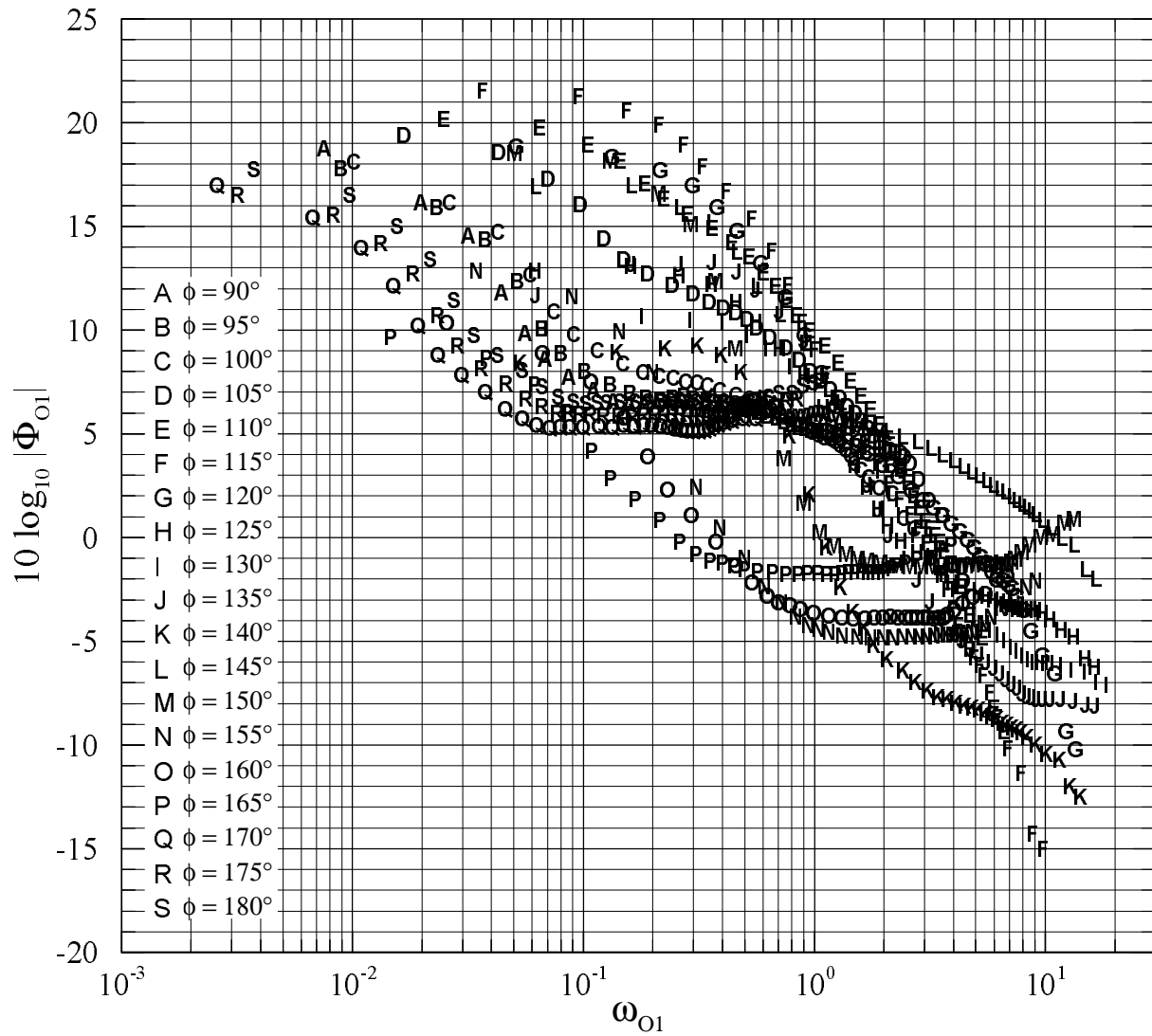
**Figure 121.** Power spectra of surface pressure fluctuations at  $\alpha = 20^\circ$ ,  $x/L = 0.772$  normalized using  $\nu/u_\tau^2$  as the time scale and  $\tau_w$  as the pressure scale.



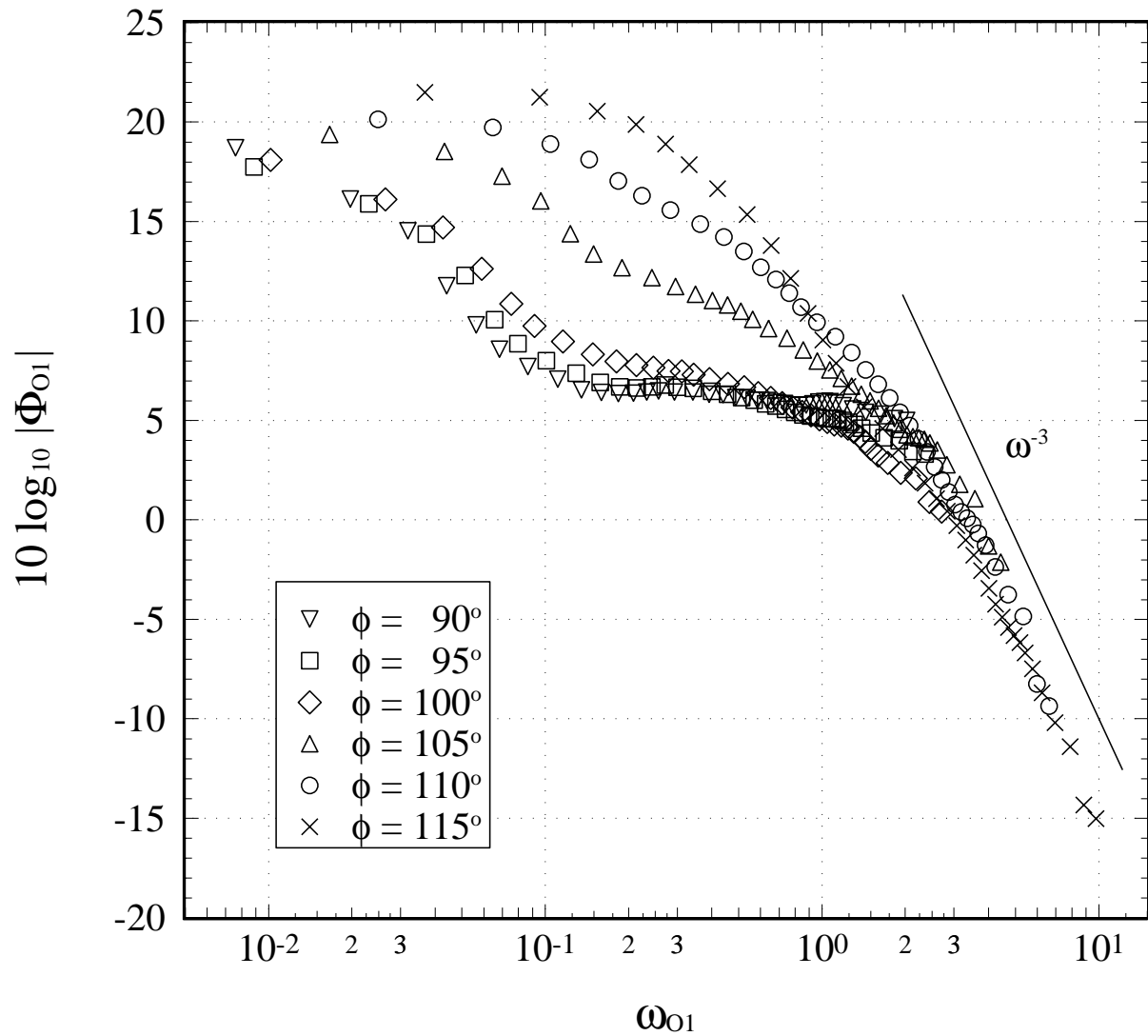
**Figure 122.** Power spectra of surface pressure fluctuations at  $\alpha = 20^\circ$ ,  $x/L = 0.600$  normalized using  $\delta^*/U_e$  as the time scale and  $\tau_w$  as the pressure scale.



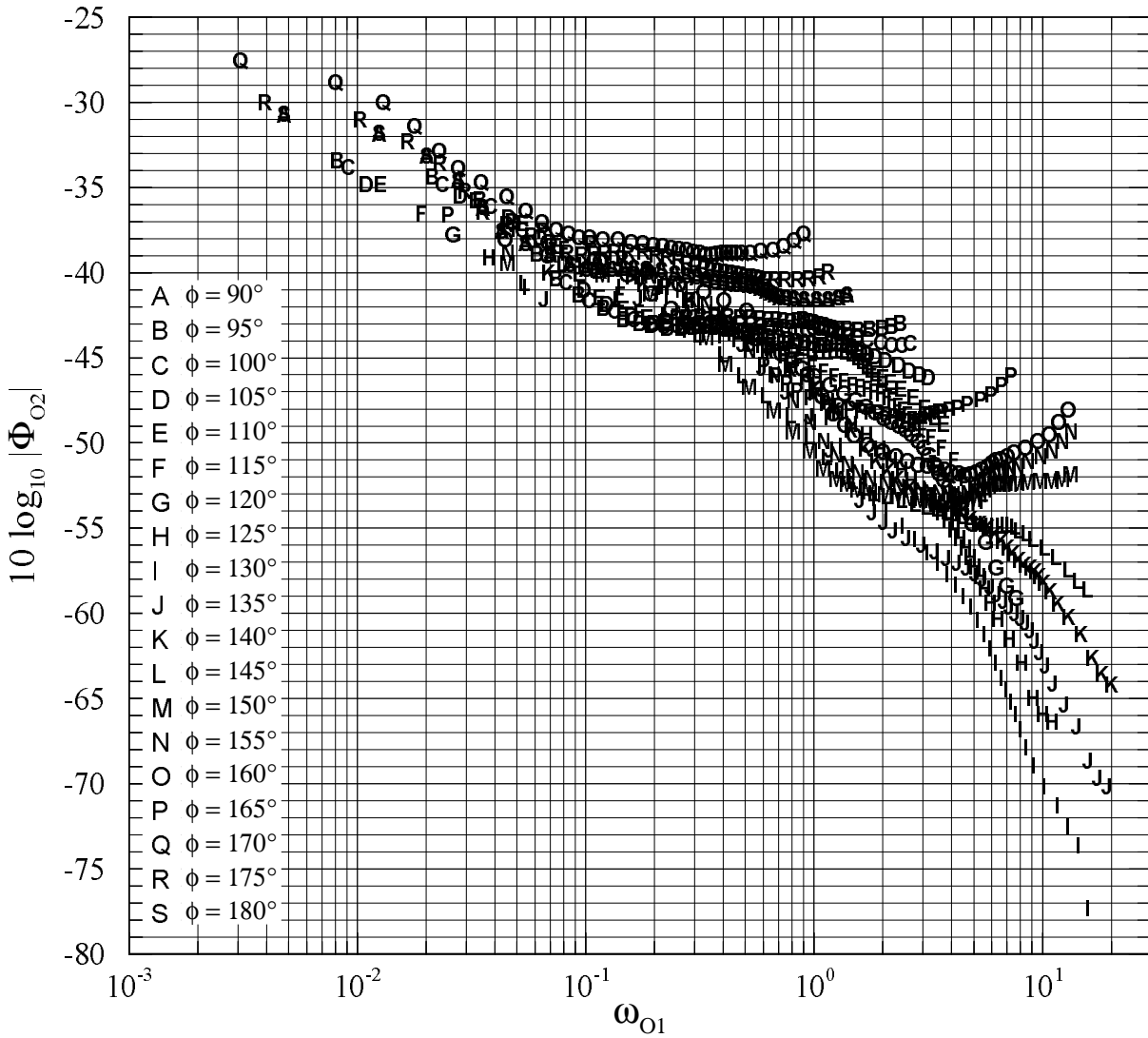
**Figure 123.** Power spectra of surface pressure fluctuations at  $\alpha = 20^\circ$ ,  $x/L = 0.600$ ,  $110^\circ \leq \phi \leq 135^\circ$  normalized using  $\delta^*/U_e$  as the time scale and  $\tau_w$  as the pressure scale.



**Figure 124.** Power spectra of surface pressure fluctuations at  $\alpha = 20^\circ$ ,  $x/L = 0.772$  normalized using  $\delta^*/U_e$  as the time scale and  $\tau_w$  as the pressure scale.

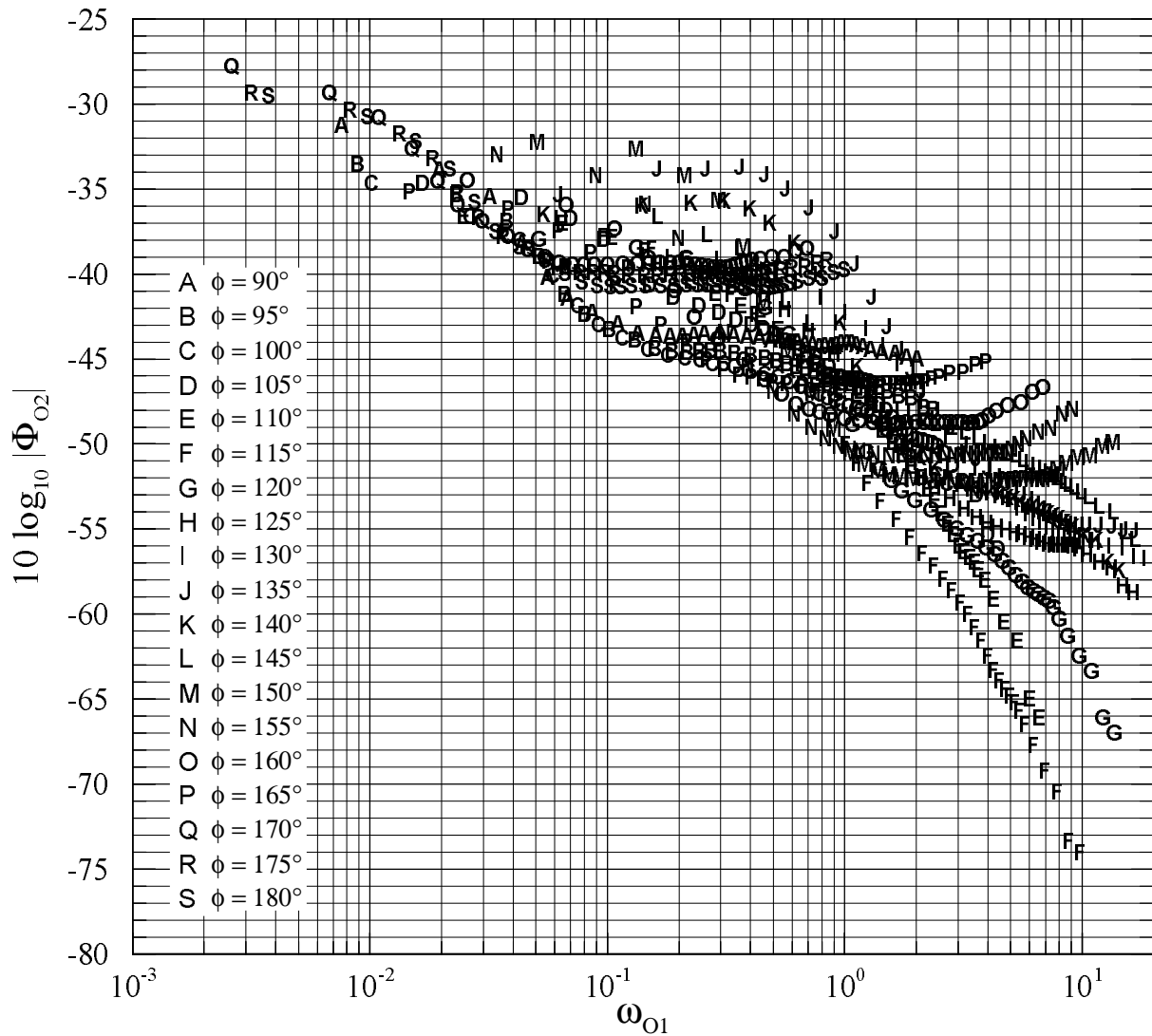


**Figure 125.** Power spectra of surface pressure fluctuations at  $\alpha = 20^\circ$ ,  $x/L = 0772$ ,  $\phi \leq 115^\circ$  normalized using  $\delta^*/U_e$  as the time scale and  $\tau_w$  as the pressure scale.



**Figure 126.** Power spectra of surface pressure fluctuations at  $\alpha = 20^\circ$ ,  $x/L = 0.600$  normalized using  $\delta^*/U_e$  as the time scale and  $Q_e$  as the pressure scale.





**Figure 127.** Power spectra of surface pressure fluctuations at  $\alpha = 20^\circ$ ,  $x/L = 0.772$  normalized using  $\delta^*/U_e$  as the time scale and  $Q_e$  as the pressure scale.