

Figure 41. Profiles of the U^+ mean velocity in wall-shear-stress coordinates ($Re_{\theta} = 7300$ (2-D); 5940 (3-D)). The numbers in the legend denote the measurement station. Data taken from Ölçmen and Simpson (1996).



Figure 42. Profiles of the U^+ mean velocity in wall-shear-stress coordinates ($Re_{\theta} = 23400$ (2-D); 23200 (3-D)). The numbers in the legend denote the measurement station. Data taken from Ölçmen *et al.* (1998).



Figure 43. Profiles of the W^+ mean velocity in wall-shear-stress coordinates ($Re_{\theta} = 7300$ (2-D); 5940 (3-D)). The numbers in the legend denote the measurement station. Data taken from Ölçmen and Simpson (1996).



Figure 44. Profiles of the W^+ mean velocity in wall-shear-stress coordinates ($Re_{\theta} = 23400$ (2-D); 23200 (3-D)). The numbers in the legend denote the measurement station. Data taken from Ölçmen *et al.* (1998).



Figure 45. Profiles of the $\overline{u^{+2}}$ Reynolds normal stress in wall-shear-stress coordinates $(Re_{\theta} = 7300 \ (2\text{-D}); 5940 \ (3\text{-D}))$. The numbers in the legend denote the measurement station. Data taken from Ölçmen and Simpson (1996).



Figure 46. Profiles of the $\overline{u^{+2}}$ Reynolds normal stress in wall-shear-stress coordinates $(Re_{\theta} = 23400 \ (2\text{-D}); 23200 \ (3\text{-D}))$. The numbers in the legend denote the measurement station. Data taken from Ölçmen *et al.* (1998).



Figure 47. Profiles of the $\overline{v^{+2}}$ Reynolds normal stress in wall-shear-stress coordinates $(Re_{\theta} = 7300 \ (2\text{-D}); 5940 \ (3\text{-D}))$. The numbers in the legend denote the measurement station. Data taken from Ölçmen and Simpson (1996).



Figure 48. Profiles of the $\overline{v^{+2}}$ Reynolds normal stress in wall-shear-stress coordinates $(Re_{\theta} = 23400 \ (2\text{-D}); 23200 \ (3\text{-D}))$. The numbers in the legend denote the measurement station. Data taken from Ölçmen *et al.* (1998).



Figure 49. Profiles of the $\overline{w^{\pm 2}}$ Reynolds normal stress in wall-shear-stress coordinates $(Re_{\theta} = 7300 \text{ (2-D)}; 5940 \text{ (3-D)})$. The numbers in the legend denote the measurement station. Data taken from Ölçmen and Simpson (1996).



Figure 50. Profiles of the $\overline{w^{+2}}$ Reynolds normal stress in wall-shear-stress coordinates $(Re_{\theta} = 23400 \ (2\text{-}D); 23200 \ (3\text{-}D))$. The numbers in the legend denote the measurement station. Data taken from Ölçmen *et al.* (1998).



Figure 51. Spectral power density of p ($Re_{\theta} = 7300$ (2-D); 5940 (3-D)). The numbers in the legend denote the measurement station.