Subcritical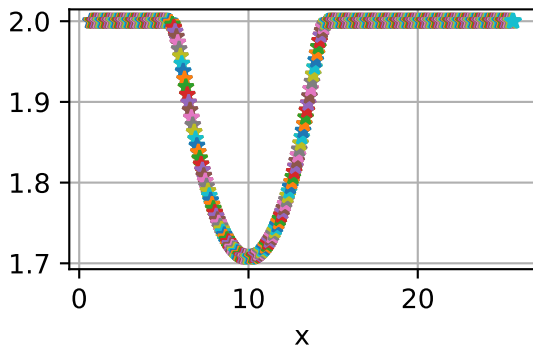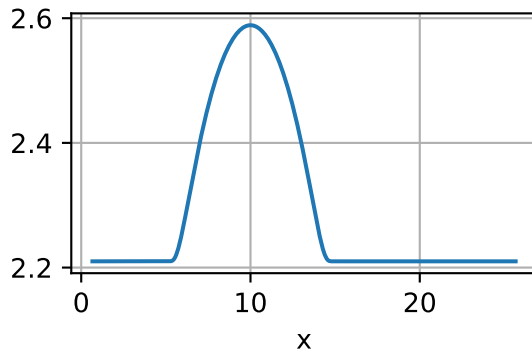_Smoot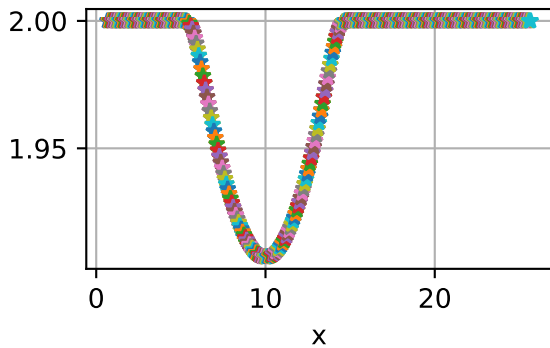h