Segmental dynamics in poly(cyclohexyl methacrylate) / poly(alpha-methylstyrene) blends. GARETH ROYSTON, PAUL SOTTA, DIDIER LONG, Laboratoire Polymères et Matériaux Avancés (FRE2911) — Study of the dynamics of polymer blends near the glass transition has a long history and remains of great current interest. We present broadband dielectric spectroscopy and mechanical spectroscopy data from miscible blends of poly(cyclohexyl methacrylate) and poly(alpha-methylstyrene) across the entire composition range. Results are compared to known data on a range of other systems.