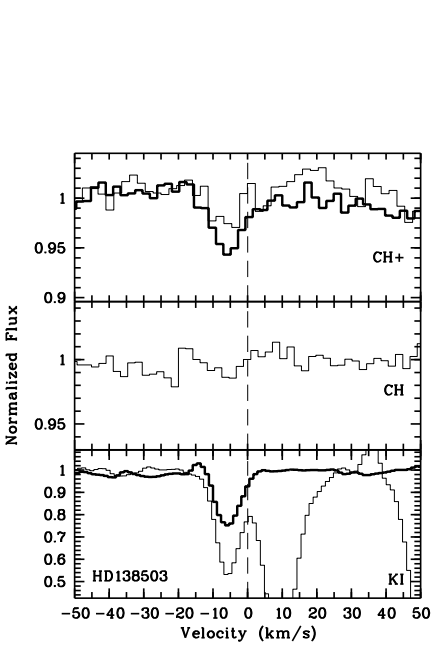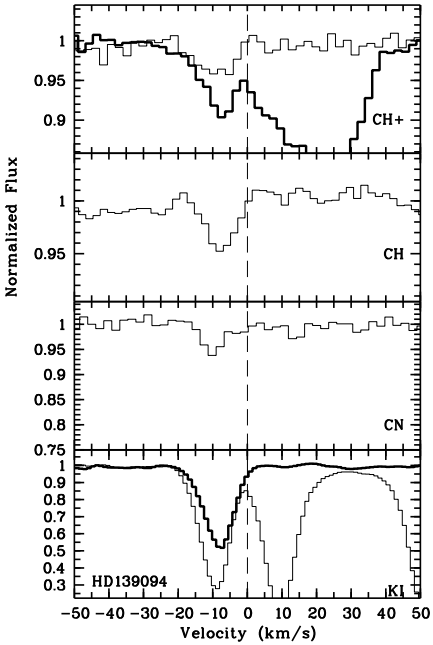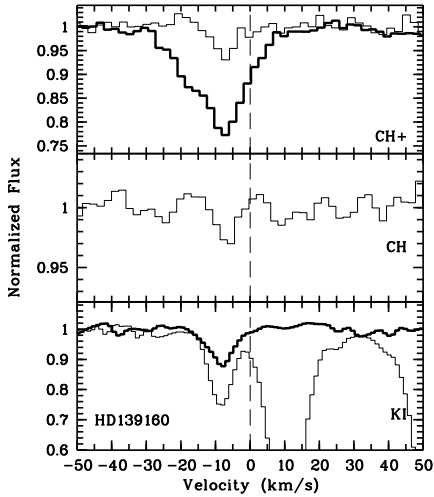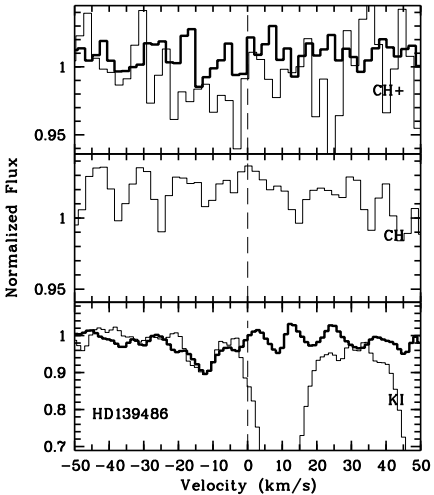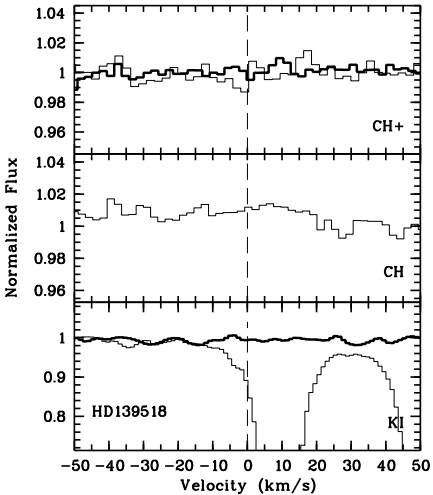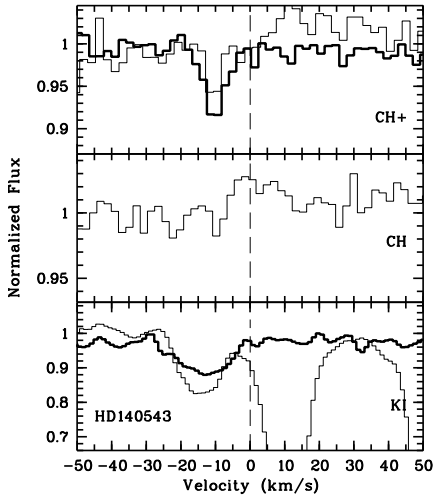1. Line profiles