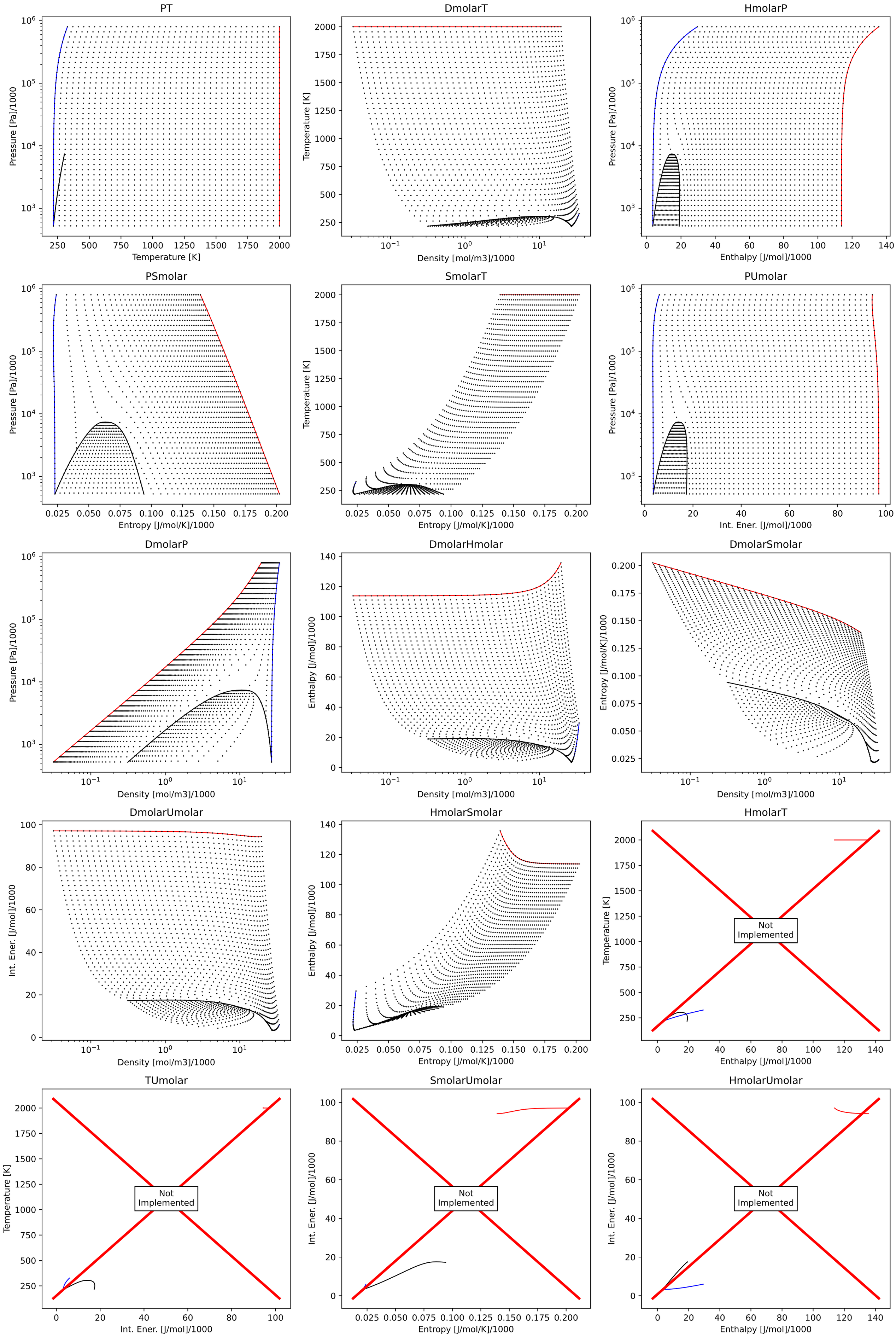Consistency plots for CarbonDioxide