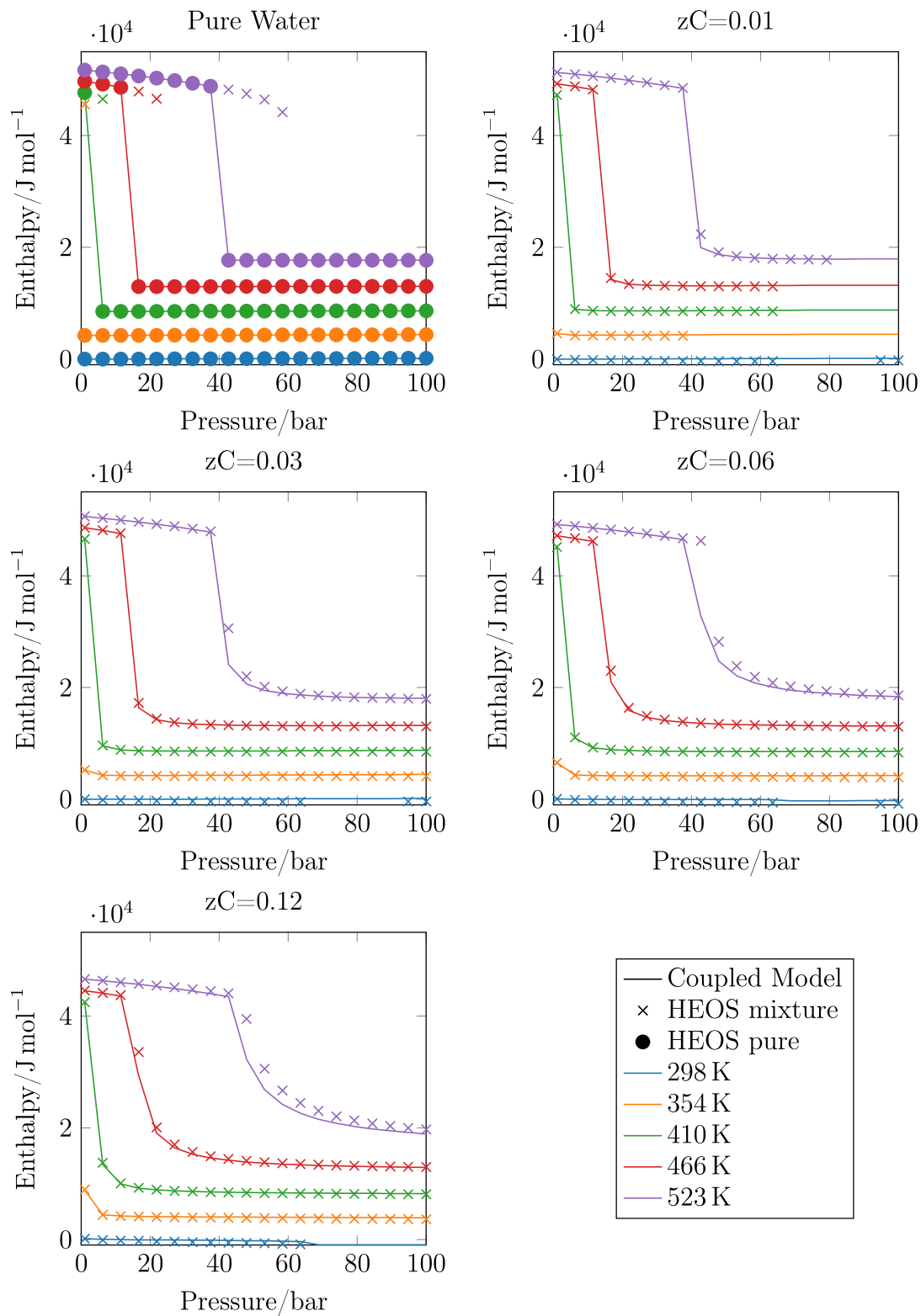## E.3.   Enthalpy Validation Plots

Figure E.7: The molar enthalpy, as a function of temperature, pressure and composition, as calculated using the HEOS mixture in *CoolProp* and the coupled model - part 1
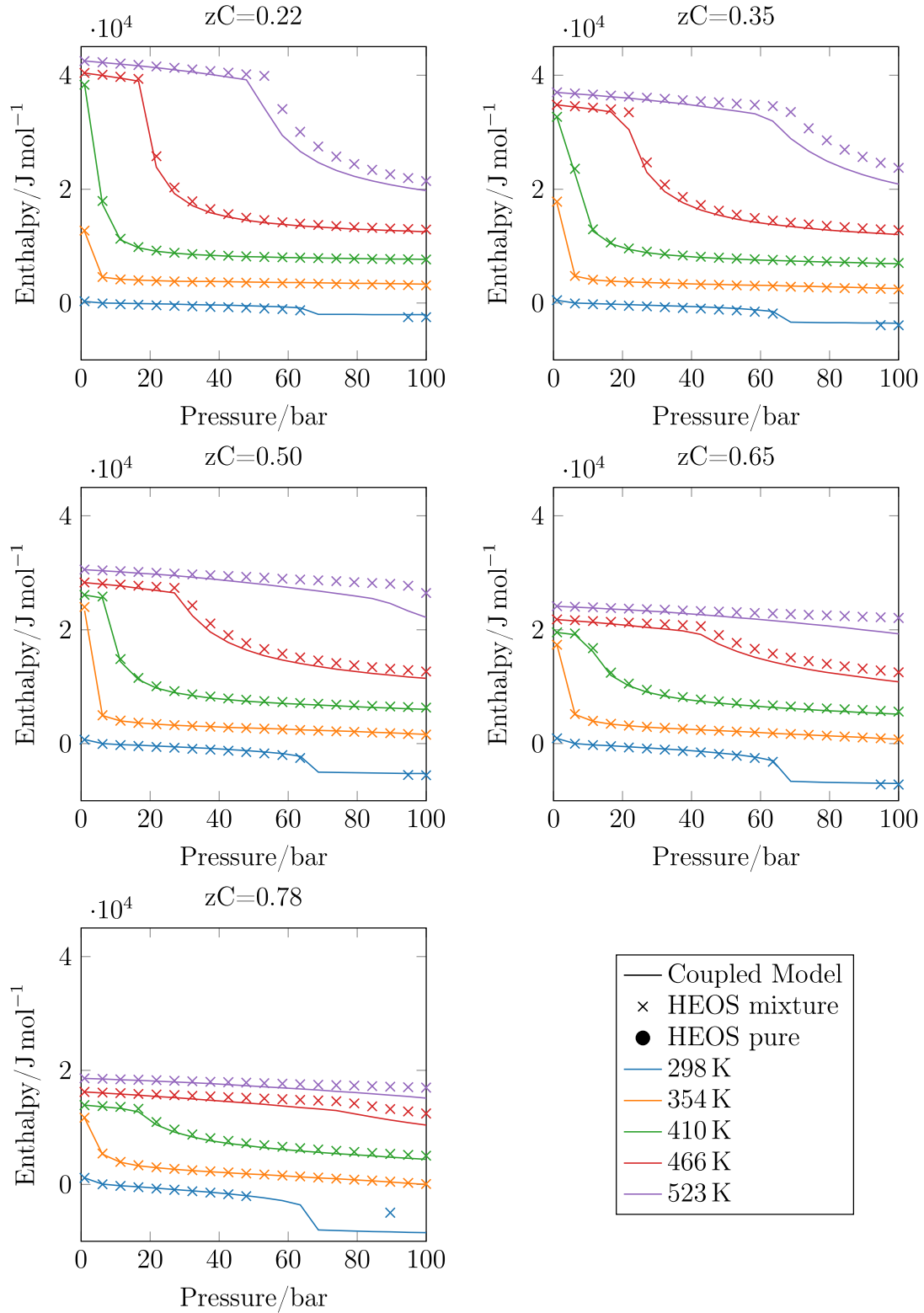
Figure E.8: The molar enthalpy, as a function of temperature, pressure and composition, as calculated using the HEOS mixture in *CoolProp* and the coupled model - part 2
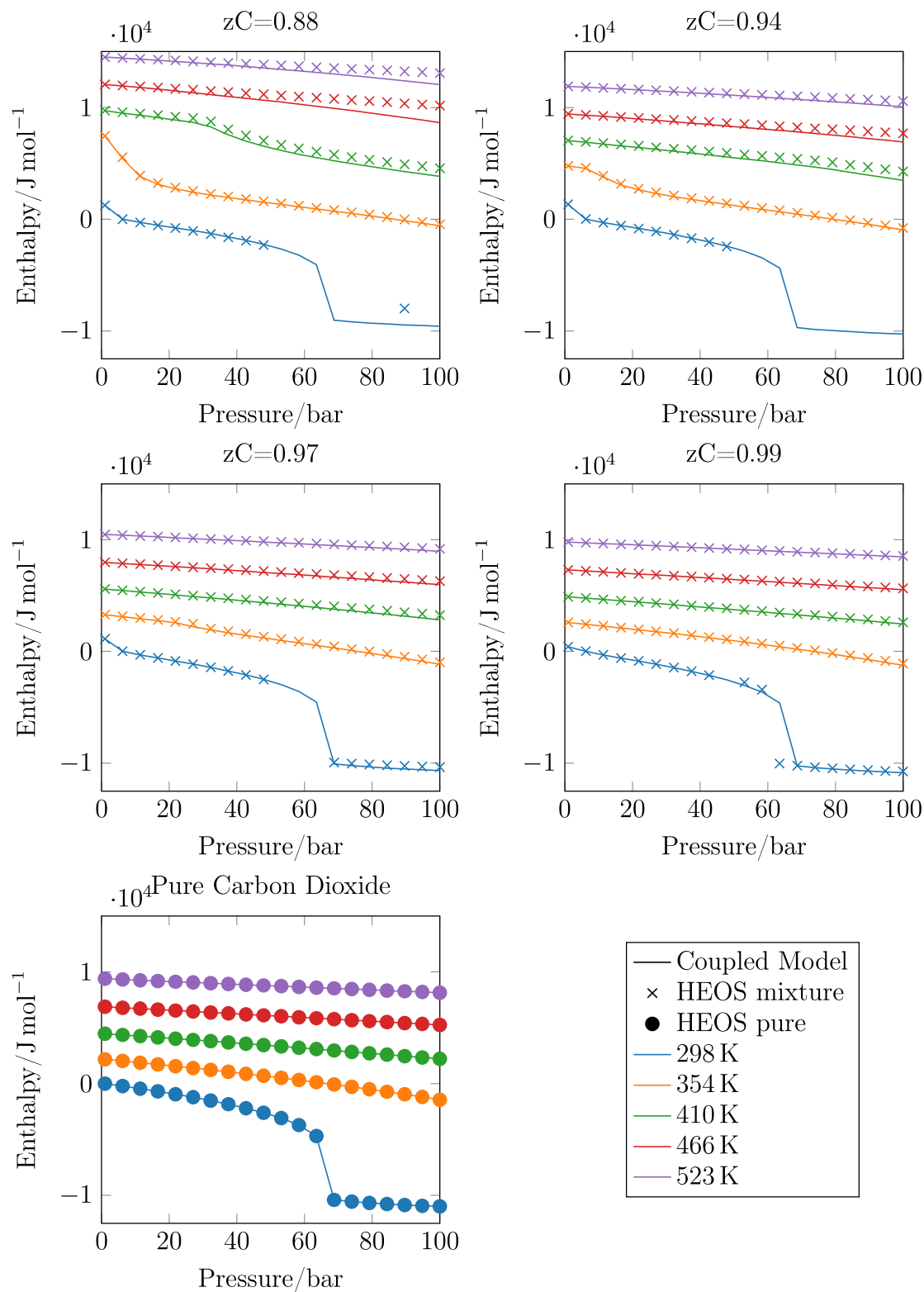
Figure E.9: The molar enthalpy, as a function of temperature, pressure and composition, as calculated using the HEOS mixture in *CoolProp* and the coupled model - part 3