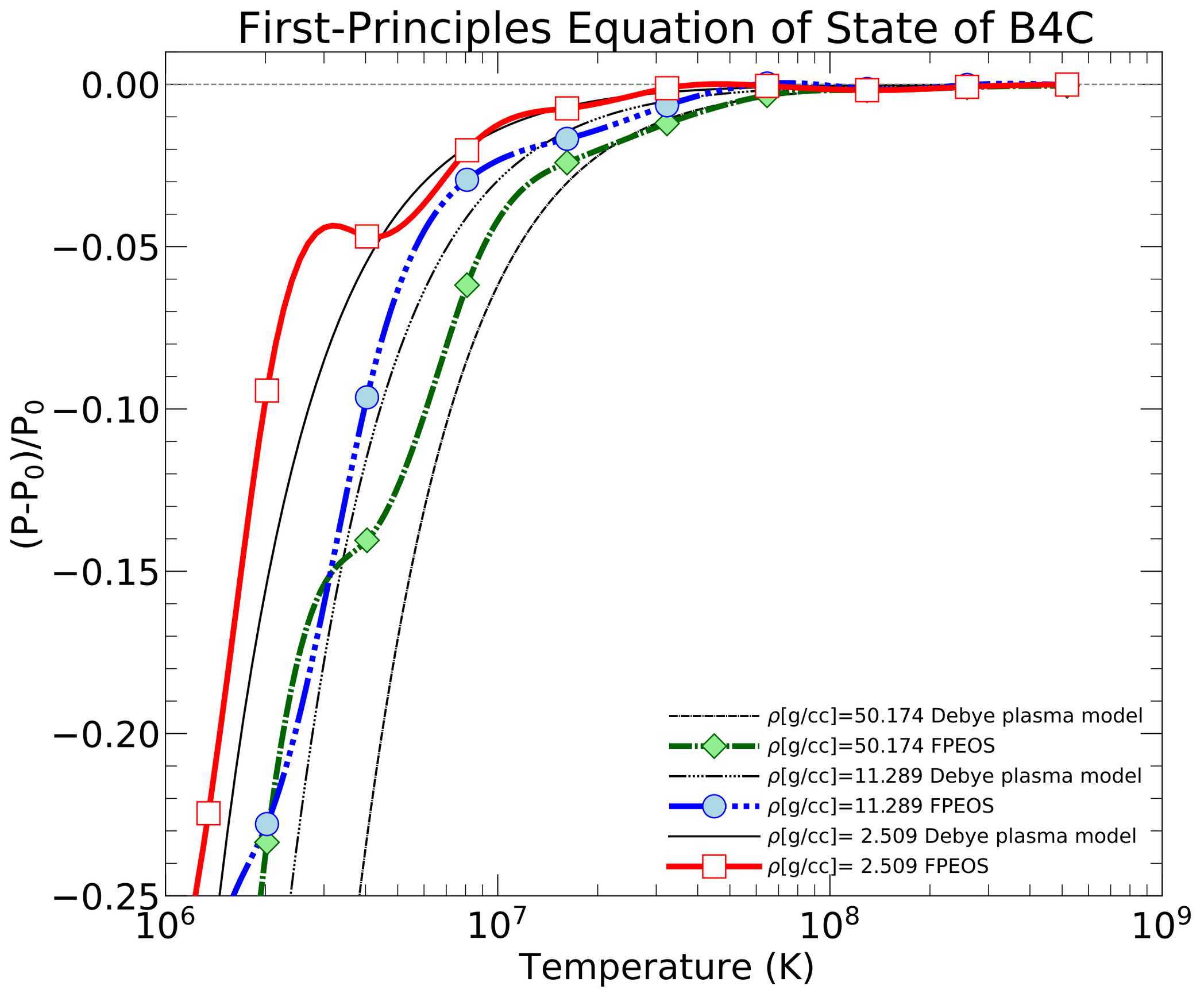
First-Principles Equation of State of B4C
0.00
−0.05
−0.10
−0.15
−0.20
−0.25
(P-P0)/P0
10^6
10^7
10^8
10^9
Temperature (K)
ρ[g/cc]=50.174 Debye plasma model
ρ[g/cc]=50.174 FPEOS
ρ[g/cc]=11.289 Debye plasma model
ρ[g/cc]=11.289 FPEOS
ρ[g/cc]= 2.509 Debye plasma model
ρ[g/cc]= 2.509 FPEOS