

Fig.1 P_s for varied Δf , fixed Φ_s^{out} , $\Phi_m^{out only}$, $\Phi_b^{out only}$

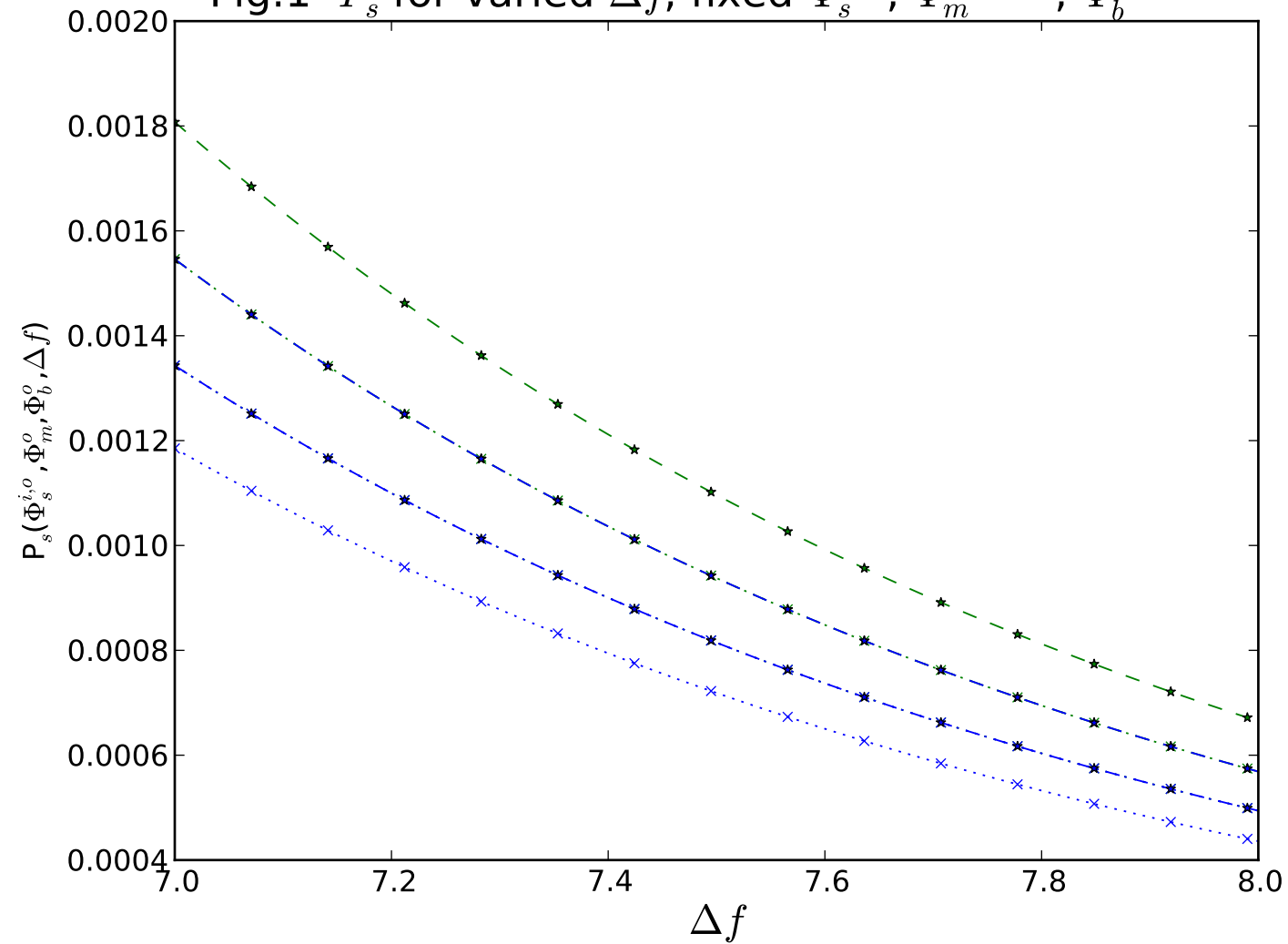


Fig.2 Φ_s^{in} for varied Δf , fixed $\Phi_s^{out}, \Phi_m^{out only}, \Phi_b^{out only}$

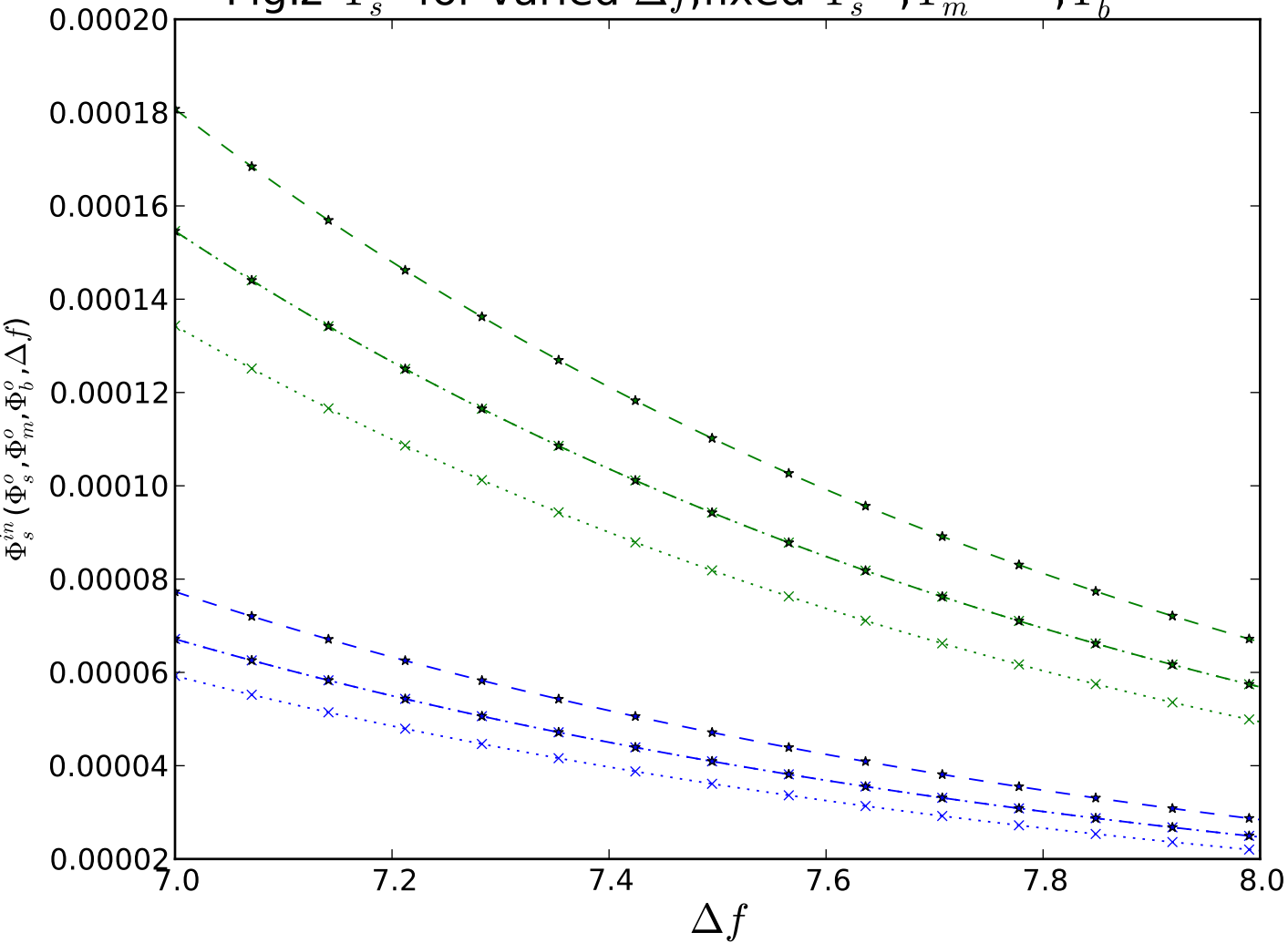


Fig.3 P_m for varied Δf , fixed Φ_s^{out} , $\Phi_m^{in, out}$, $\Phi_b^{out only}$

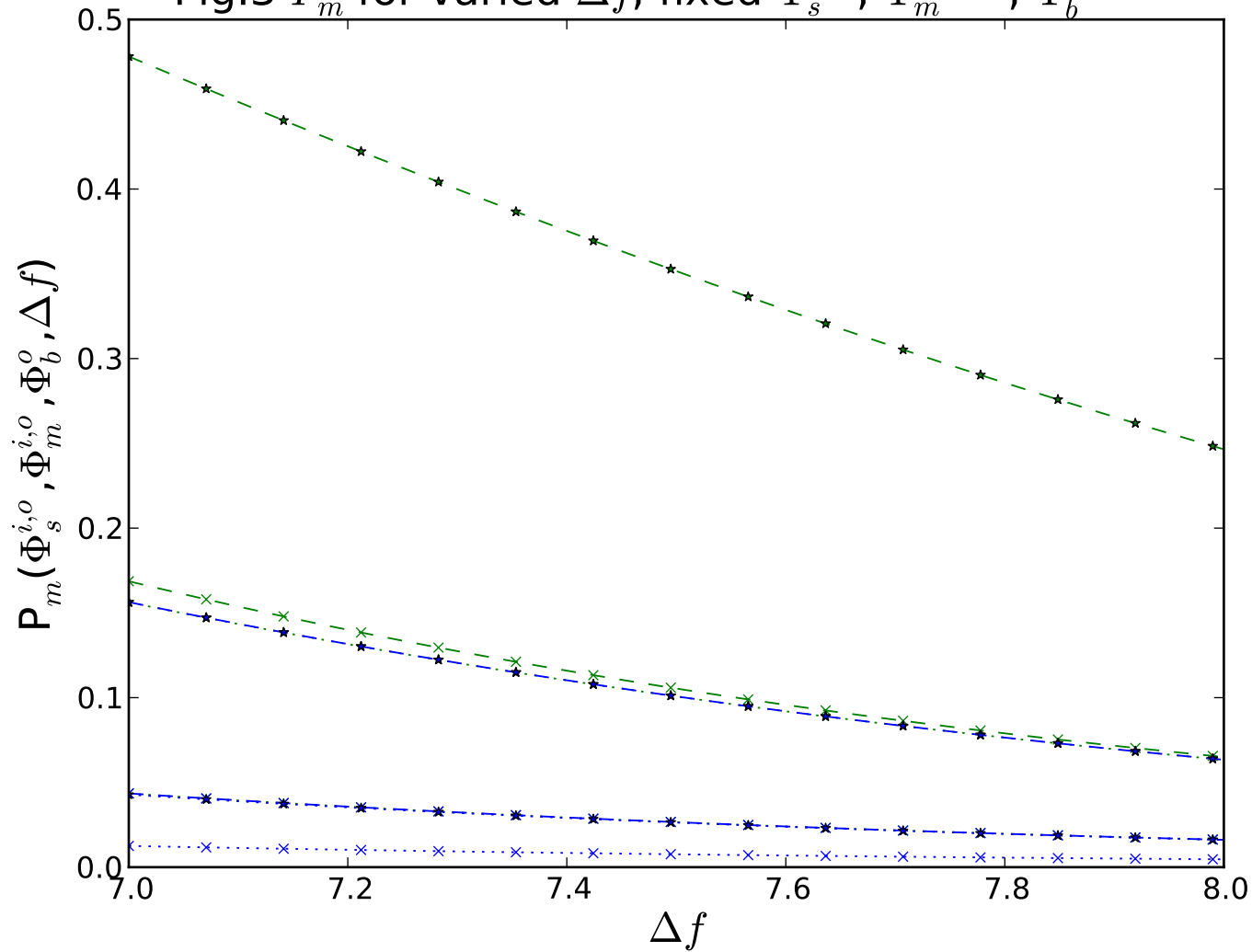
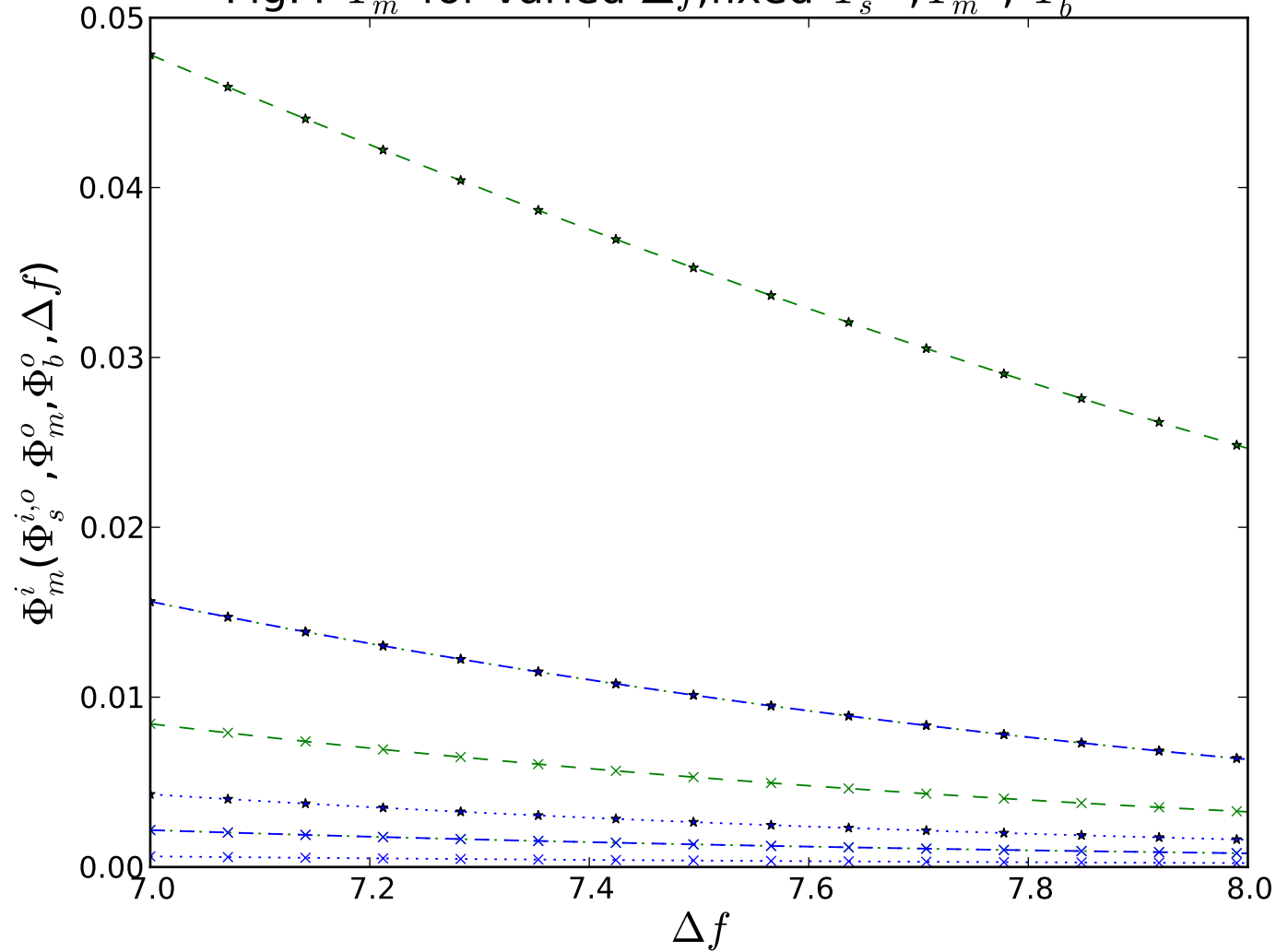


Fig.4 Φ_m^{in} for varied Δf , fixed $\Phi_s^{out}, \Phi_m^{out}, \Phi_b^{out only}$



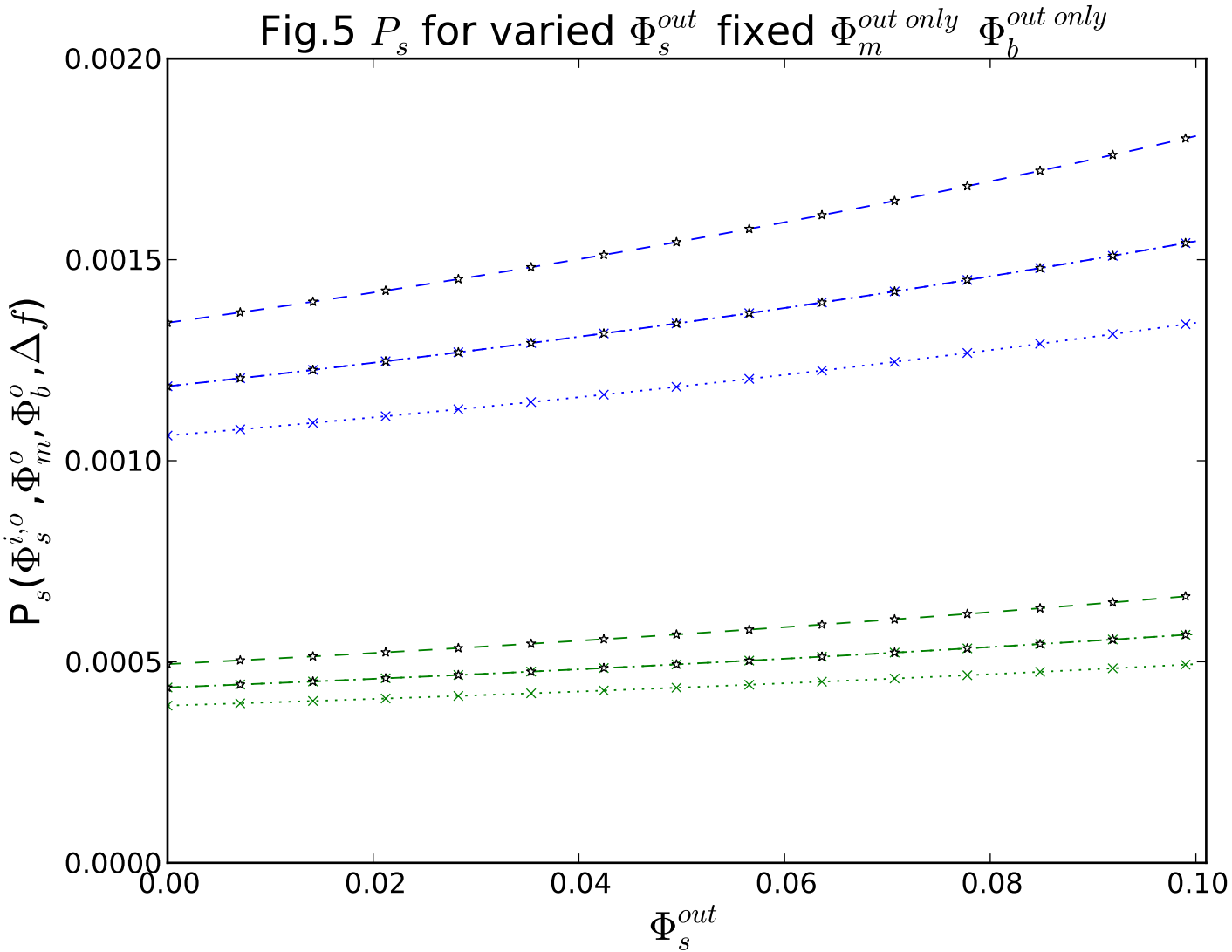


Fig.6 Φ_s^{in} for varied Φ_s^{out} fixed Φ_m^{out} only Φ_b^{out} only

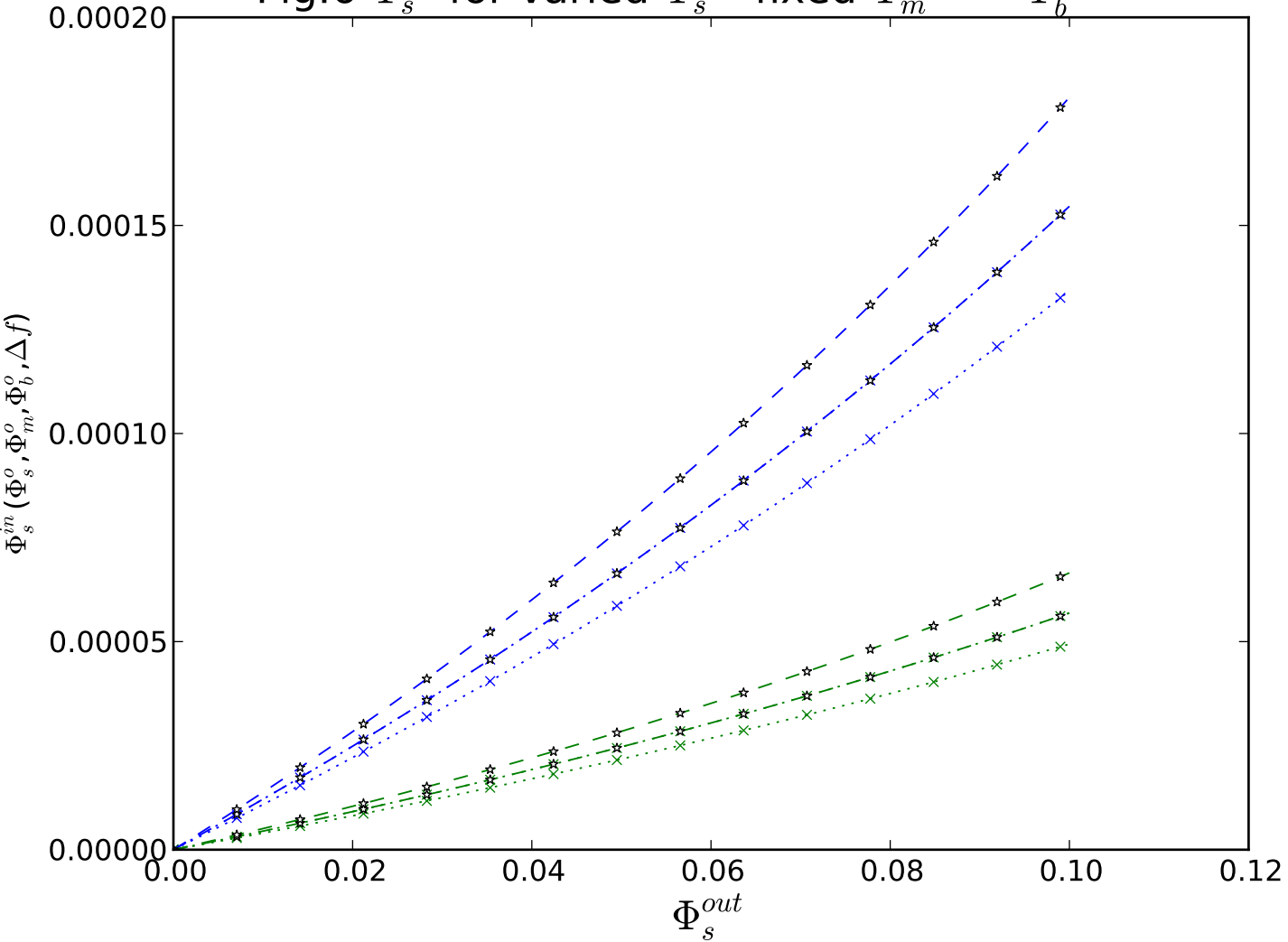


Fig.7 P_m for varied Φ_s^{out} fixed Φ_m^{out} Φ_b^{out} only

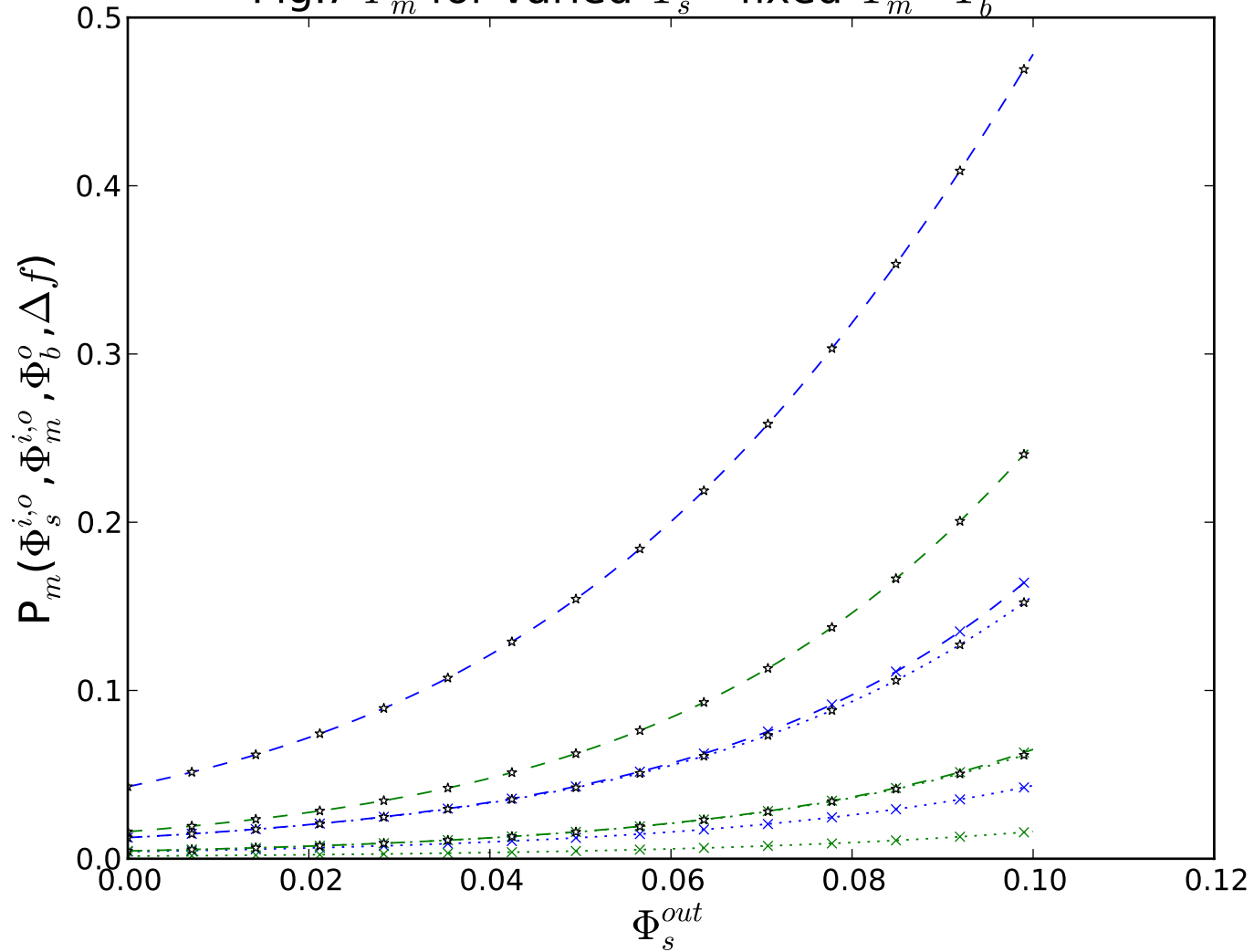


Fig.8 Φ_m^{in} for varied Φ_s^{out} fixed Φ_m^{out} Φ_b^{out} only

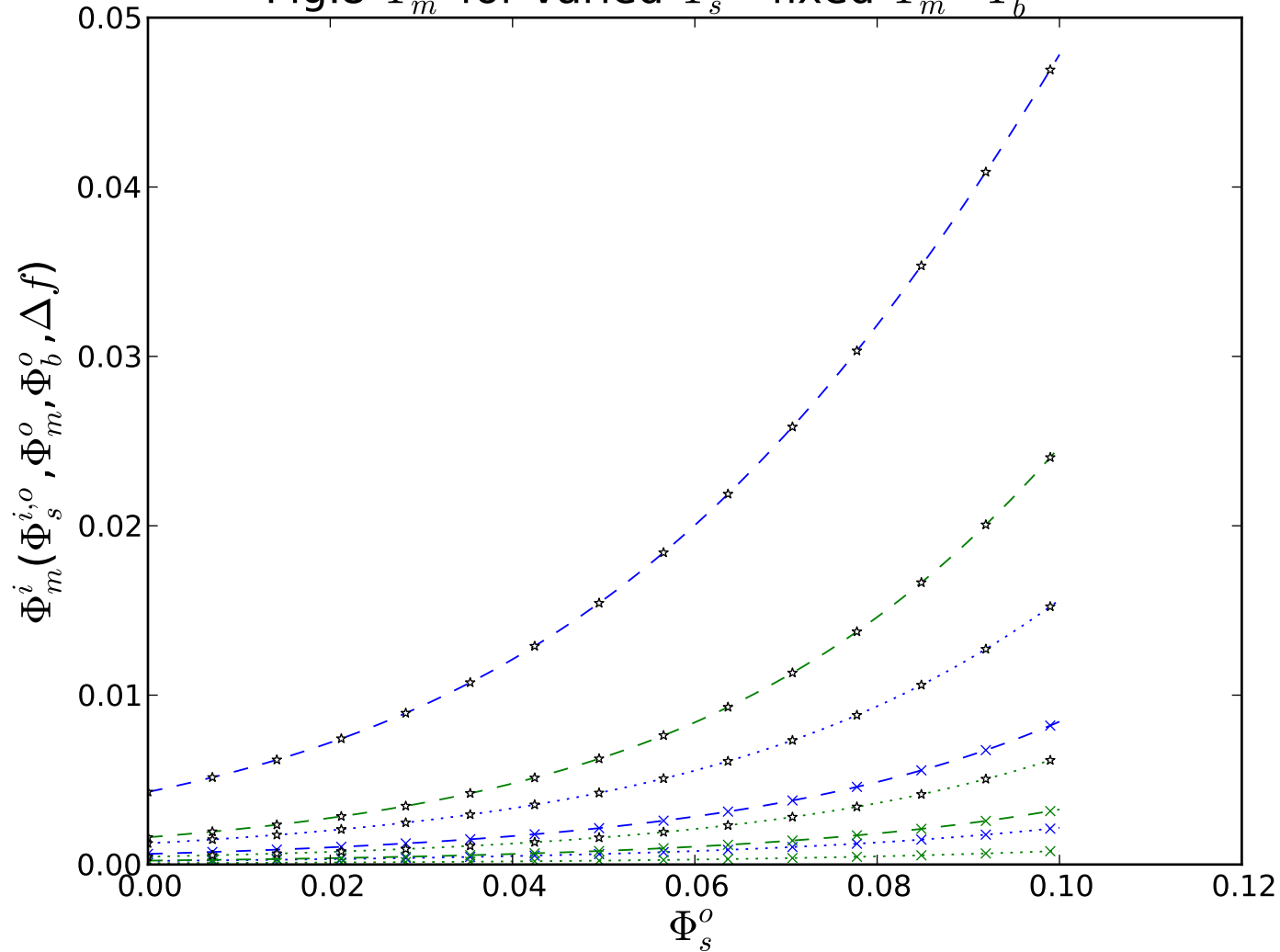


Fig.9 Chemical Potential of small polymers in pore (no PEG1k in)

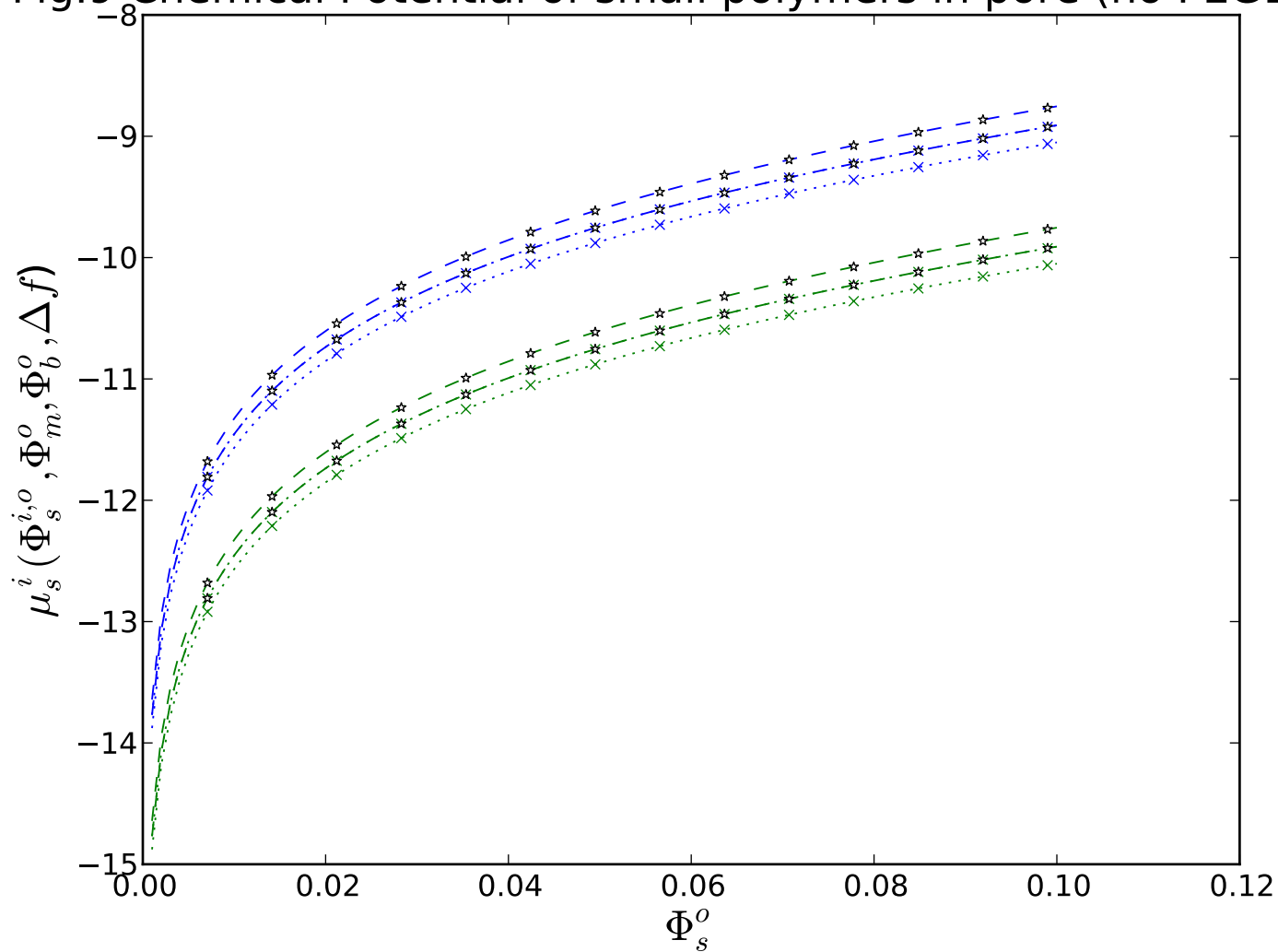


Fig.10 Medium Polymer Chemical Potential in pore with small

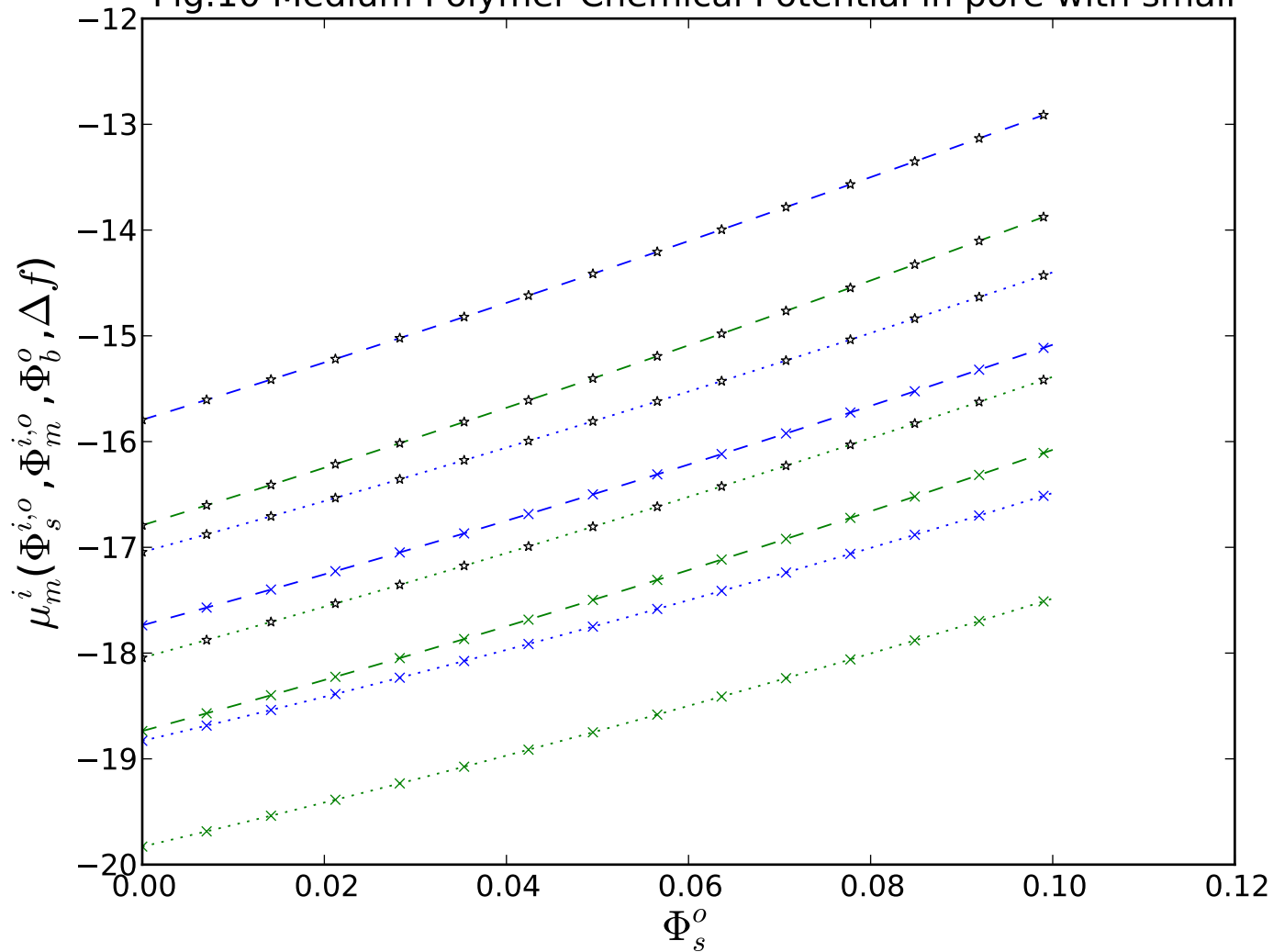


Fig.11 Small(black), Medium(color) Chemical Potentials in Pore

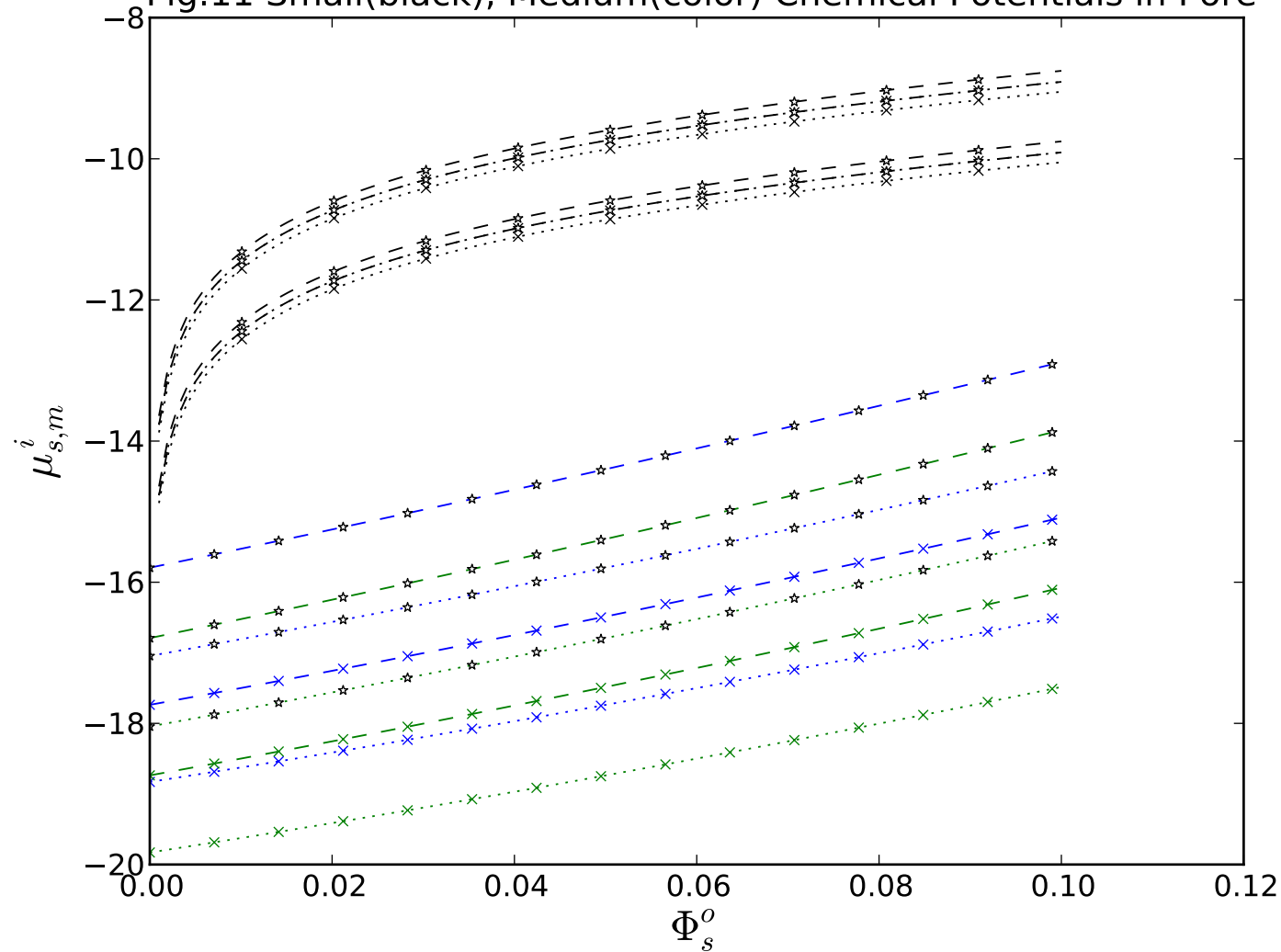


Fig.12 Number of displaced water molecules* Chemical Potential of water

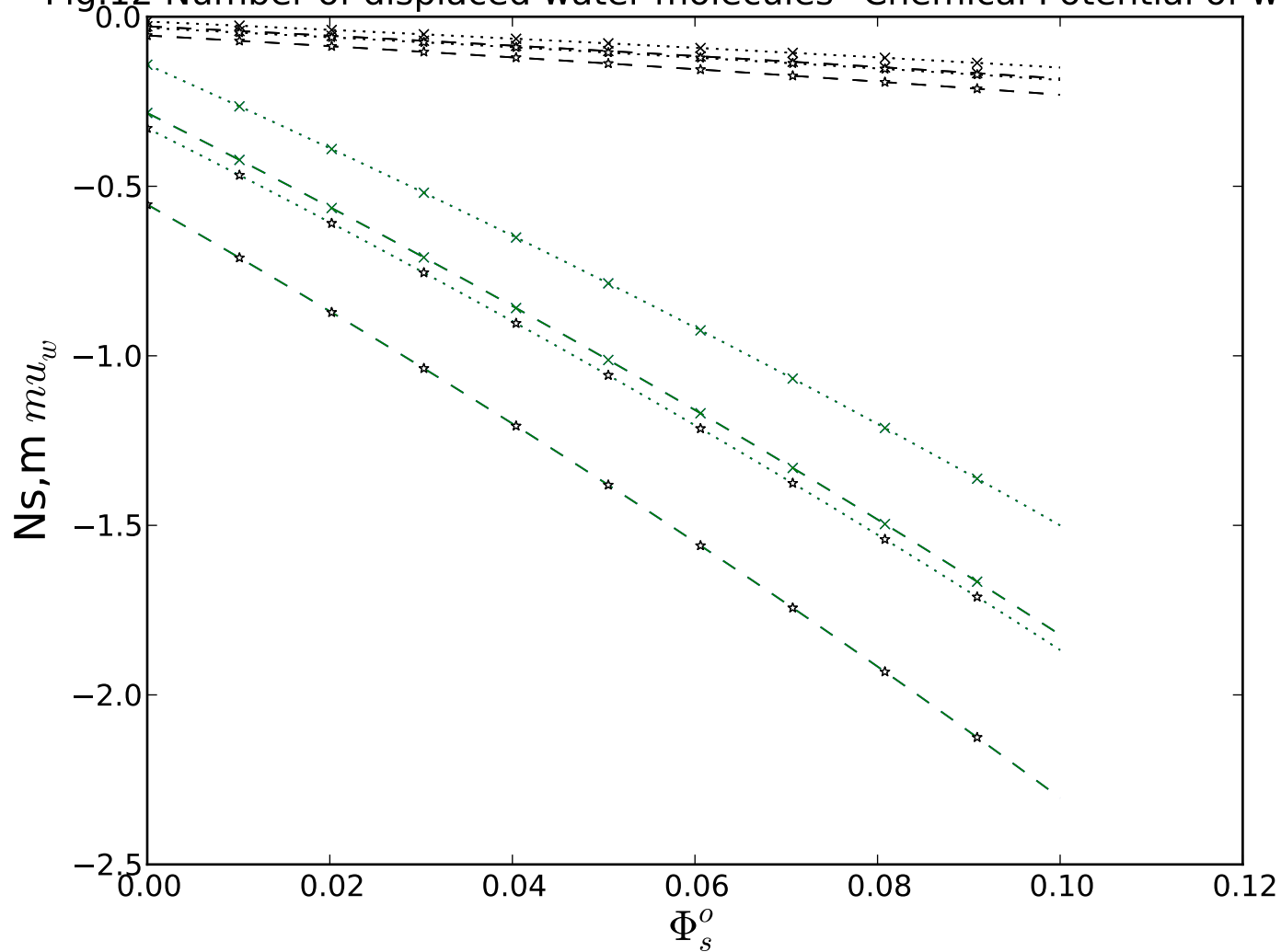
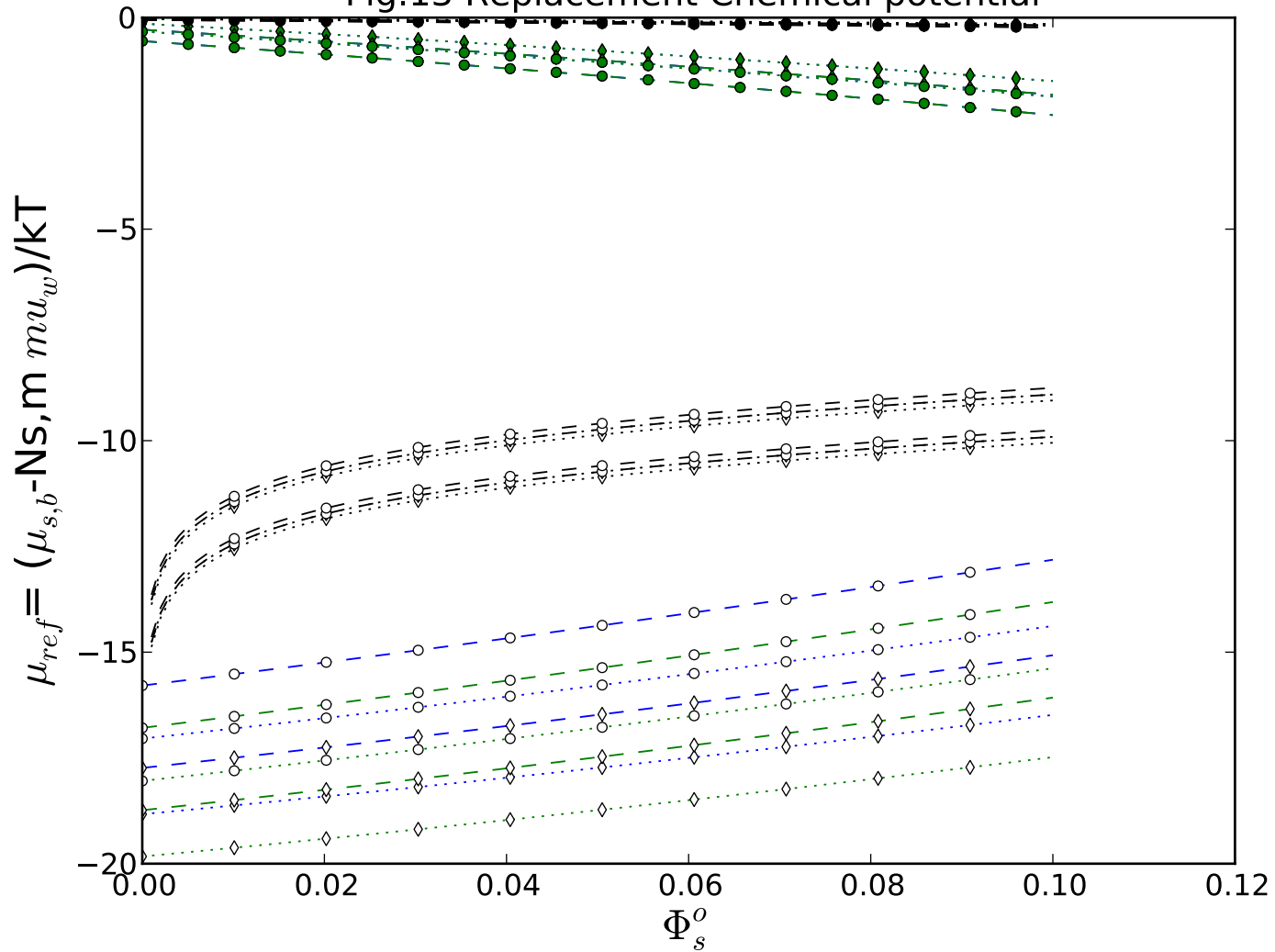
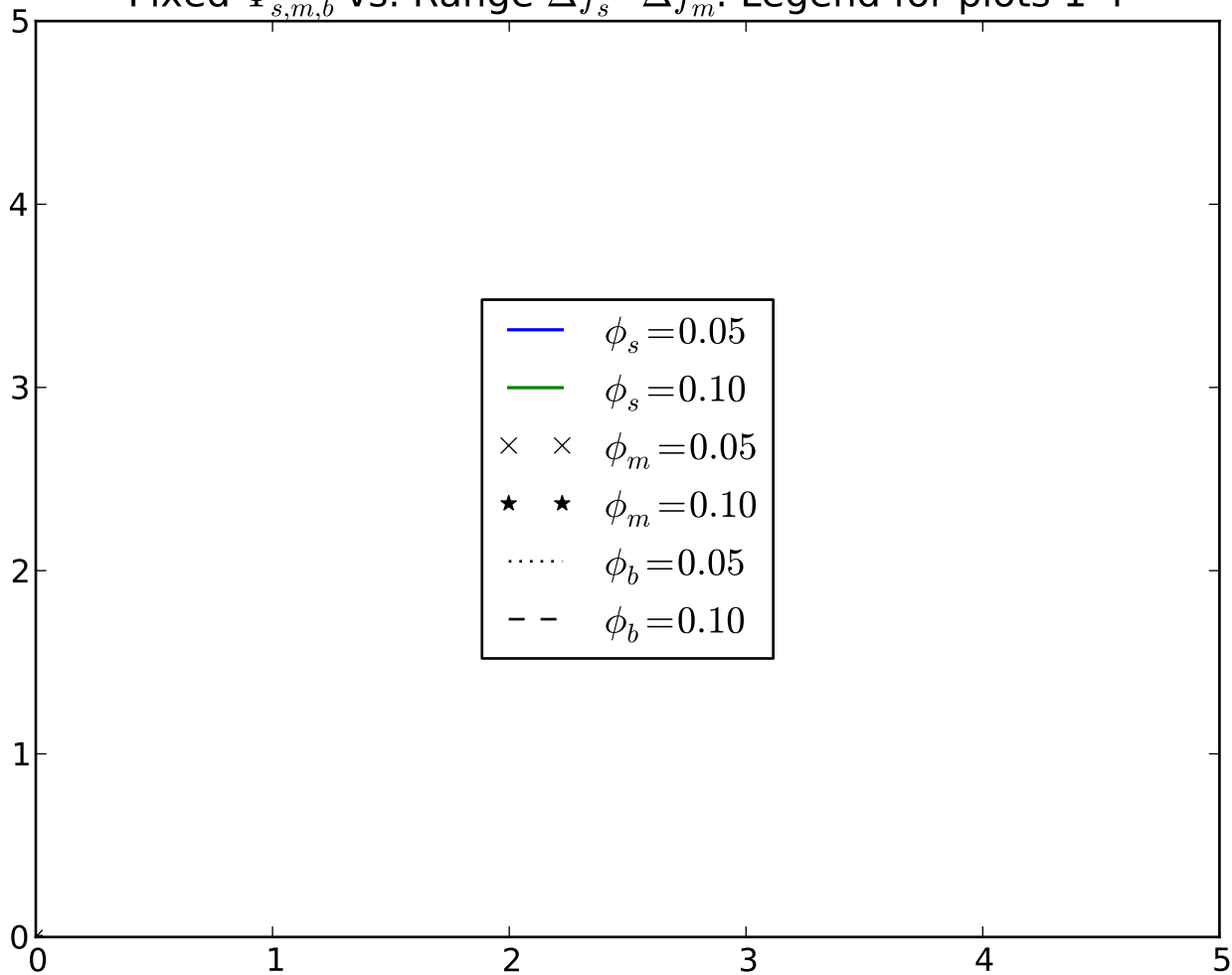


Fig.13 Replacement Chemical potential



Fixed $\Phi_{s,m,b}^{out}$ vs. Range $\Delta f_s = \Delta f_m$: Legend for plots 1-4



Fixed df_same, phi_m,b(out) vs. range phi_s(out): Legend for plots 5-11

