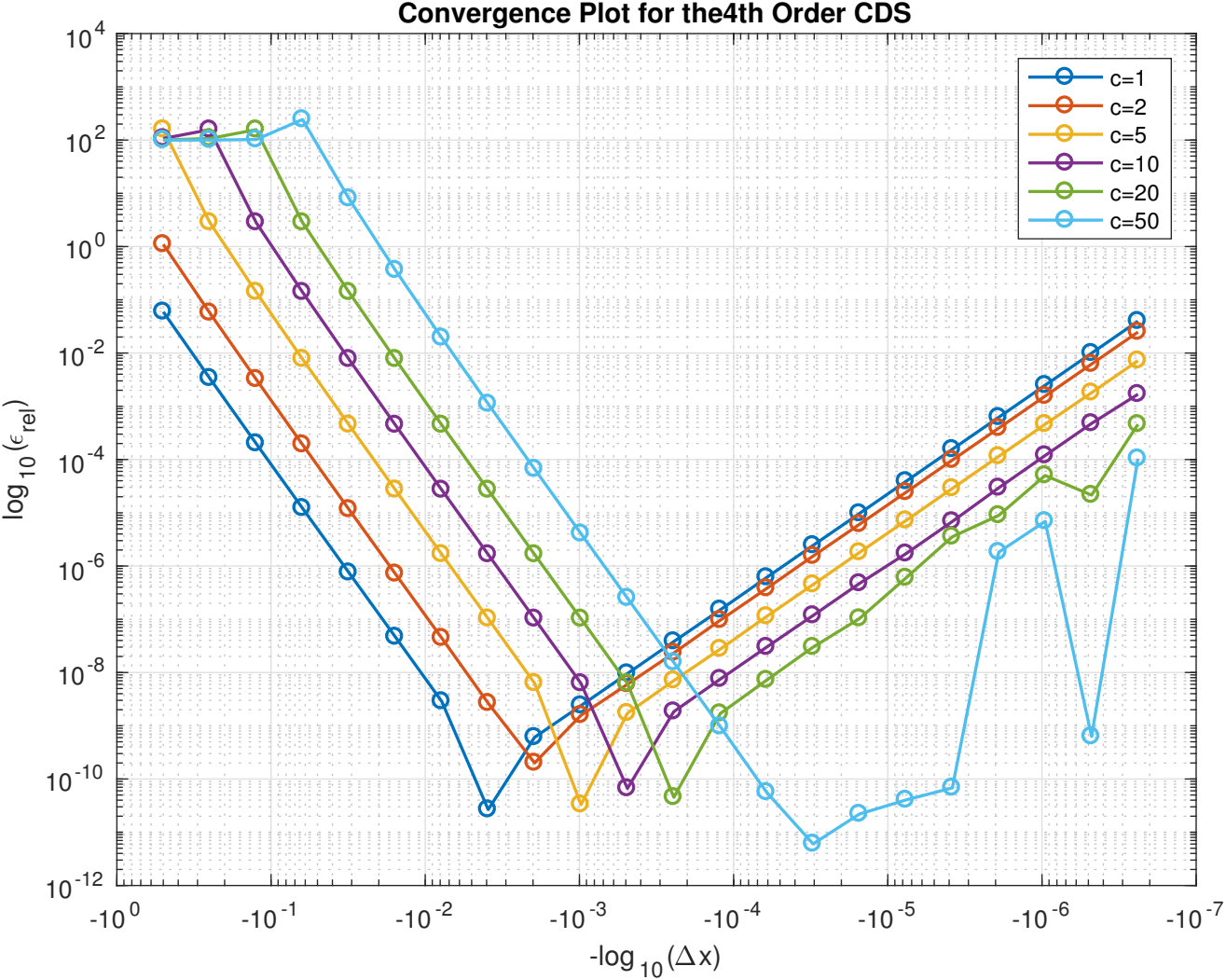
Convergence Plot for the4th Order CDS
c=1
c=2
c=5
c=10
c=20
c=50
10^{4}
10^{2}
10^{0}
10^{-2}
10^{-4}
10^{-6}
10^{-8}
10^{-10}
10^{-12}
$\log_{10}(\epsilon_{rel})$
-10^{0}
-10^{-1}
-10^{-2}
-10^{-3}
-10^{-4}
-10^{-5}
-10^{-6}
-10^{-7}
$-\log_{10}(\Delta x)$