EOS Comparison for Si-XO Reference 0.06 Pre-refinement Refined 0.05 $E_0 \; [{ m eV/atom}]$ 0.04 0.03 0.02 0.01 23.023.524.024.525.025.526.026.5 $V \, [\text{Å}^3/\text{atom}]$