ν Convergence for Ba-XO 10^1 10^{0} 10^{-1} 10^{-2} $\sum_{\lambda} 10^{-3}$ 10^{-4} 10^{-5} Pre-refinement Refined 10^{-6} good excellent 10^{-7} 10 20 30 40 50 $E_{\rm cut}$ [Ha]