ge speedup of various K-point selection methods vs generalized Monkho Ratio of irreducible K-points (Method/GMP)  $10^{2}$ 10<sup>1</sup> 10<sup>0</sup> Froyen sc Froyen bcc  $10^{-1}$ Froyen fcc Froyen hcp **AFLOW**  $10^{-2}$  $10^{-1}$ 10<sup>0</sup>  $10^{-2}$  $10^{-3}$  $10^{-4}$  $10^{-5}$  $10^{-6}$ Error (eV/atom)